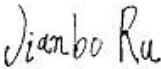
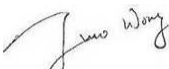


Test Report

Test Report	
Project Reference No.	REP121025
Product	ATOM SE
Brand Name	Shenzhen Potensic Intelligent Co., Ltd.
Model	DSDR04B
Alternative model	/
Tested according to	ETSI EN 300 328 V2.2.2 (2019-07)

Tested in period	Oct. 10, 2025 to Oct. 30, 2025		
Issued date	Dec. 18, 2025		
Issued by	 Nemko Shanghai Ltd. Shenzhen Branch 2nd floor of Building 1, Yizhongli Science and Technology Park, No.36 Gaoxin North Third Road, Songpingshan Community, Xili Street, Nanshan District, Shenzhen, Guangdong, China Phone: +86 755 8221 0420 Fax: +86 755 8221 3363		
Name and address of the Test House	(see page 5)		
Tested by	 Jianbo Ru 2025-12-18 date		
Verified by	 Juno Wong 2025-12-18 date		

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This report apply only to the sample(s) tested. It is the manufacturer's responsibility to assure the additional production units of this product are manufactured with identical electrical and mechanical components. The manufacturer is responsible to the Competent Authorities in Europe for any modifications made to the product which results in non-compliance to the relevant regulation.

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1. Client Information

1.1. Applicant

Company Name: Shenzhen Potensic Intelligent Co., Ltd.
Company Address: 7/F, Building A5, Nanshan Intelligent Park, Nanshan District, Shenzhen, China

1.2. Manufacturer

Company Name: Shenzhen Potensic Intelligent Co., Ltd.
Company Address: 7/F, Building A5, Nanshan Intelligent Park, Nanshan District, Shenzhen, China

1.3. Other Information

- No Comment

2. Equipment Under Test (EUT)

2.1. Identification of EUT

Category	IEEE 802.11 b/g/n(HT20)/n(HT40)
Model Name	DSDR04B
Brand Name	Shenzhen Potensic Intelligent Co., Ltd.
Frequency of Operation	802.11 b/g/n(HT20): 2412-2472 MHz 802.11 n(HT40): 2422-2462 MHz
Channels	802.11 b/g/n(HT20): CH1-CH13 802.11 n(HT40): CH3-CH11
Power output (EIRP)	12.84 dBm
Antenna Gain (peak)	ANT 1: 2.4 dBi ANT 2: 2.5 dBi
Antenna Setup	2TX / 2RX
Modulation type:	IEEE 802.11 b (DSSS) IEEE 802.11 g (OFDM) IEEE 802.11 n (OFDM)
Temperature Range:	0 °C ~ +40 °C
Test Voltage:	DC7.2V
Rating(s):	DC7.2V 2500mAh from Li-ion battery
Remarks	/

2.2. Description of change

- No Comment

2.3. Modifications

- No Comment

2.4. Additional Information Related to Testing

- The EUT contains a diversity function and only worst case is shown in the report.

2.5. Picture documentation

- Pictures can be found in extra files.

3. General Test Conditions

3.1. Location

CTC Laboratories Inc – ELA 805

Room 107, 108, 207, 208, 303 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luh Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China
Tel: 0755-27520159 Fax: 0755-27521059

Remark: All tests have been supervised by a Nemko engineer.

3.2. Test Environment and mode

Test mode:			
Transmitting mode	Keep the EUT in transmitting mode in modulation.		
Receiving mode	Keep the EUT in receiving mode.		
Operating Environment:			
Item	Normal Condition	Extreme condition	
		NVHT	NVLT
Temperature	+15℃ to +35℃	+40℃	0℃
Voltage (DC)	7.2V	7.2V	7.2V
Humidity	20% - 95%		
Atmospheric pressure	1009 mbar		

3.3. Test Frequency

Channel	Frequency (MHz)
802.11 b, g, n(HT20) Low	2412
802.11 n(HT40) Low	2422
802.11 b, g, n(HT20), n(HT40) Middle	2442
802.11 b, g, n(HT20) High	2472
802.11 n(HT40) High	2462

3.4. Test Equipment

RF Test System – SRD						
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Until
1	Spectrum Analyzer	R&S	FSV40-N	101654	Dec. 13, 2024	Dec. 12, 2025
2	MXG Vector Signal Generator	Agilent	N5182A	MY47420864	Dec. 13, 2024	Dec. 12, 2025
3	PSG Analog Signal Generator	Agilent	E8257D	MY46521908	Dec. 13, 2024	Dec. 12, 2025
4	USB Wideband Power Sensor	Keysight	U2021XA	MY55130004	Mar. 25, 2025	Mar. 24, 2026
5	USB Wideband Power Sensor	Keysight	U2021XA	MY55130006	Mar. 25, 2025	Mar. 24, 2026
6	RF Control Unit	Tonscend	JS0806-2	/	Mar. 25, 2025	Mar. 24, 2026
7	High and low temperature test chamber	ESPEC	MT3035	/	Mar. 25, 2025	Mar. 24, 2026
8	RF Cable	HUBER+SUHNER	SUCOFLEX101PE	RF-08	Apr. 16, 2025	Apr. 15, 2026
Test Software						
Name		Manufacturer			Software Version	
JS1120-3		Tonscend			V2.6.88.0346	

Radiated emission						
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Calibrated Until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB 9163	01026	Dec. 25, 2024	Dec. 24, 2025
2	Horn Antenna	Schwarzbeck	BBHA 9120D	9120D-648	Dec. 12, 2024	Dec. 11, 2026
3	Test Receiver	Keysight	N9038A	MY56400071	Dec. 13, 2024	Dec. 12, 2025
4	Broadband Amplifier	Schwarzbeck	BBV9743B	259	Dec. 13, 2024	Dec. 12, 2025
5	Microwave Broadband Amplifier	Schwarzbeck	BBV9718C	111	Dec. 13, 2024	Dec. 12, 2025
6	RE33L-001	COMM	/	014 (9kHz-1GHz)	Feb. 09, 2025	Feb. 08, 2026
7	RE33L-002	COMM	/	015 (9kHz-1GHz)	Feb. 09, 2025	Feb. 08, 2026
8	RE33H-001	SUHBERSUCOFLEX	/	016 (1GHz-18GHz)	Feb. 09, 2025	Feb. 08, 2026
9	RE33H-002	HUBENR	/	017 (1GHz-18GHz)	Feb. 09, 2025	Feb. 08, 2026
10	RE33H-003	HUBENR	/	018 (1GHz-18GHz)	Feb. 09, 2025	Feb. 08, 2026
11	RE33H-003	HUBENR	/	019 (18GHz-40GHz)	Feb. 09, 2025	Feb. 08, 2026

12	3m chamber 3	YIHENG	EE106	/	Aug. 29, 2023	Aug. 28, 2026
Test Software						
Name		Manufacturer			Software Version	
EZ-EMC		FARA			FA-03A2	

3.5. Support Equipment

Name	Model	S/N	Manufacturer
Laptop	X220	/	Lenovo
Serial Port Tool	FT232RL	/	/

3.6. Measurement Uncertainty

Test Items	Measurement uncertainty	Note
Frequency error	25Hz	(1)
Frequency range	25Hz	(1)
Transmitter power conducted	0.57 dB	(1)
Transmitter power Radiated	2.20 dB	(1)
Adjacent and alternate channel power Conducted	1.20 dB	(1)
Conducted spurious emission	1.60 dB	(1)
Intermodulation attenuation	2.20 dB	(1)
Maximum useable receiver sensitivity	1.00 dB	(1)
Co-channel rejection	2.80 dB	(1)
Adjacent channel selectivity	2.80 dB	(1)
Spurious response rejection	2.80 dB	(1)
Blacking or desensitization	2.80 dB	(1)

Note (1): This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=1.96.

4. List of Measurements

Test Result	C	NC	NT	NA	Remarks
RF Output Power	■				
Power Spectral Density	■				
Duty Cycle, Tx-Sequence, Tx-gap				■	
Medium Utilisation				■	
Adaptivity	■				
Occupied Channel Bandwidth	■				
Transmitter unwanted emissions in the out-of-band domain	■				
Transmitter unwanted emissions in the spurious domain	■				
Receiver spurious emissions	■				
Receiver Blocking	■				
Note) C : Compliant NC : Non- Compliant NT : Not Tested NA : Not Applicable					

5. Test method

All test were performed in accordance with the procedures documented in ETSI EN 300 328 V2.2.2 (2019-07)

6. RF Output Power

Test Method: ETSI EN 300328 Sub clause 5.4.2

6.1 Limits:

ETSI EN300 328 Sub clause 4.3.1.2.3	20dBm
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6.2 Result:

Test Condition	Test Mode	Antenna	Freq(MHz)	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
NTNV	11B	Ant1	2412	2.40	12.52	20	PASS
		Ant2	2412	2.50	12.61	20	PASS
		Ant1	2442	2.40	12.61	20	PASS
		Ant2	2442	2.50	12.75	20	PASS
		Ant1	2472	2.40	12.52	20	PASS
		Ant2	2472	2.50	12.84	20	PASS
	11G	Ant1	2412	2.40	12.32	20	PASS
		Ant2	2412	2.50	12.38	20	PASS
		Ant1	2442	2.40	12.51	20	PASS
		Ant2	2442	2.50	12.73	20	PASS
		Ant1	2472	2.40	12.69	20	PASS
		Ant2	2472	2.50	12.39	20	PASS
	11N20MIMO	Ant1	2412	2.40	9.33	20	PASS
		Ant2	2412	2.50	9.00	20	PASS
		total	2412	2.50	12.22	20	PASS
		Ant1	2442	2.40	8.78	20	PASS
		Ant2	2442	2.50	9.19	20	PASS
		total	2442	2.50	12.03	20	PASS
		Ant1	2472	2.40	8.67	20	PASS
		Ant2	2472	2.50	9.55	20	PASS
		total	2472	2.50	12.16	20	PASS
		Ant1	2422	2.40	9.37	20	PASS
	11N40MIMO	Ant2	2422	2.50	9.27	20	PASS
		total	2422	2.50	12.36	20	PASS
		Ant1	2442	2.40	9.19	20	PASS
		Ant2	2442	2.50	9.77	20	PASS
		total	2442	2.50	12.54	20	PASS
		Ant1	2462	2.40	9.11	20	PASS
		Ant2	2462	2.50	10.05	20	PASS
		total	2462	2.50	12.65	20	PASS
LTNV	11B	Ant1	2412	2.40	12.61	20	PASS
		Ant2	2412	2.50	12.68	20	PASS
		Ant1	2442	2.40	12.62	20	PASS
		Ant2	2442	2.50	12.75	20	PASS
		Ant1	2472	2.40	12.54	20	PASS
		Ant2	2472	2.50	12.84	20	PASS
	11G	Ant1	2412	2.40	12.40	20	PASS
		Ant2	2412	2.50	12.37	20	PASS
		Ant1	2442	2.40	12.52	20	PASS
		Ant2	2442	2.50	12.72	20	PASS
		Ant1	2472	2.40	12.72	20	PASS
		Ant2	2472	2.50	12.39	20	PASS

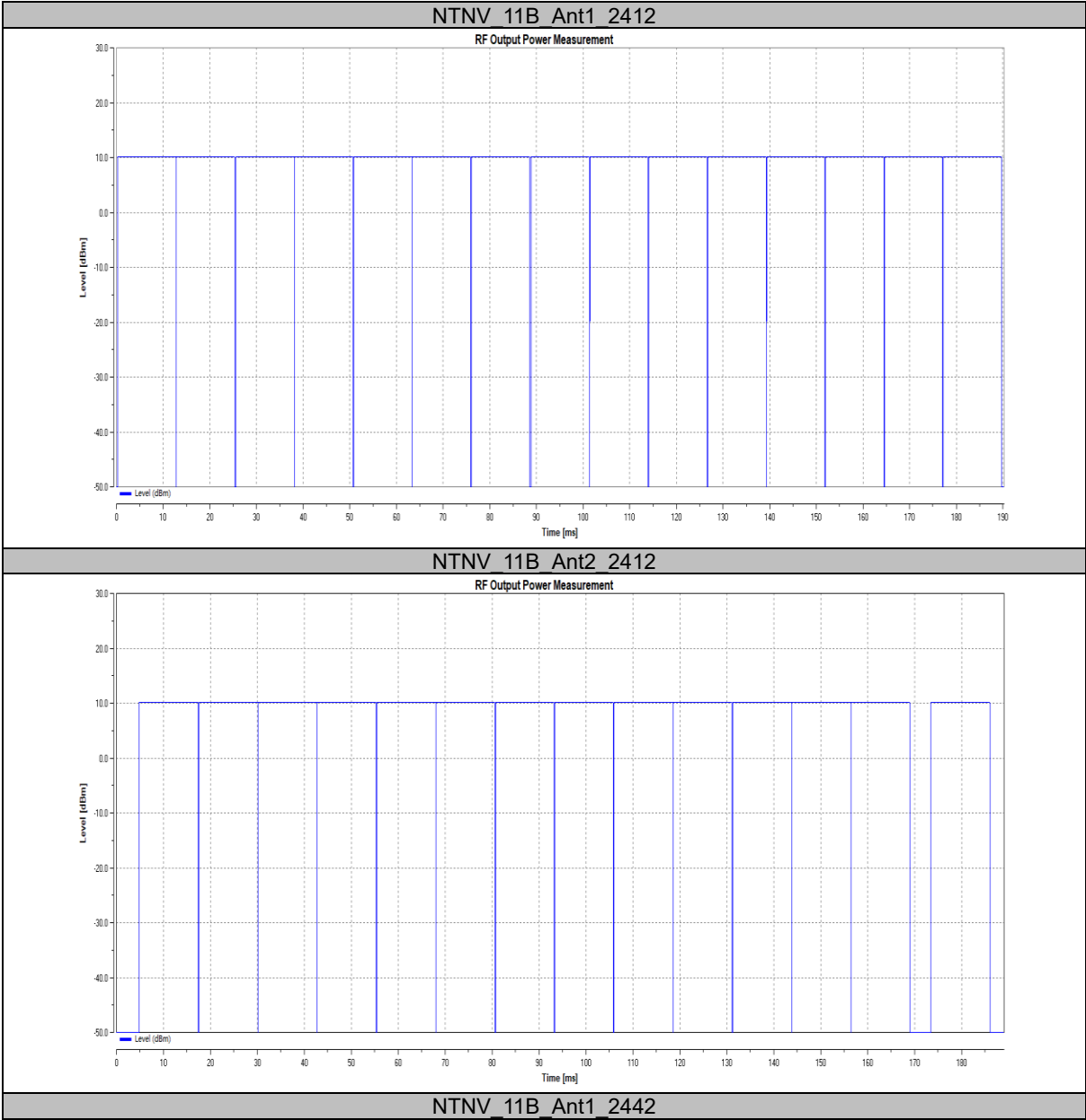
	11N20MIMO	Ant1	2412	2.40	9.40	20	PASS
		Ant2	2412	2.50	9.07	20	PASS
		total	2412	2.50	12.30	20	PASS
		Ant1	2442	2.40	8.75	20	PASS
		Ant2	2442	2.50	9.26	20	PASS
		total	2442	2.50	12.07	20	PASS
		Ant1	2472	2.40	8.65	20	PASS
		Ant2	2472	2.50	9.59	20	PASS
		total	2472	2.50	12.16	20	PASS
	11N40MIMO	Ant1	2422	2.40	9.37	20	PASS
		Ant2	2422	2.50	9.27	20	PASS
		total	2422	2.50	12.37	20	PASS
		Ant1	2442	2.40	9.06	20	PASS
		Ant2	2442	2.50	9.53	20	PASS
		total	2442	2.50	12.33	20	PASS
		Ant1	2462	2.40	9.11	20	PASS
		Ant2	2462	2.50	9.98	20	PASS
		total	2462	2.50	12.57	20	PASS
HTNV	11B	Ant1	2412	2.40	12.58	20	PASS
		Ant2	2412	2.50	12.71	20	PASS
		Ant1	2442	2.40	12.60	20	PASS
		Ant2	2442	2.50	12.74	20	PASS
		Ant1	2472	2.40	12.53	20	PASS
		Ant2	2472	2.50	12.84	20	PASS
	11G	Ant1	2412	2.40	12.39	20	PASS
		Ant2	2412	2.50	12.35	20	PASS
		Ant1	2442	2.40	12.52	20	PASS
		Ant2	2442	2.50	12.72	20	PASS
		Ant1	2472	2.40	12.68	20	PASS
		Ant2	2472	2.50	12.37	20	PASS
	11N20MIMO	Ant1	2412	2.40	9.30	20	PASS
		Ant2	2412	2.50	8.96	20	PASS
		total	2412	2.50	12.20	20	PASS
		Ant1	2442	2.40	8.76	20	PASS
		Ant2	2442	2.50	9.18	20	PASS
		total	2442	2.50	12.01	20	PASS
		Ant1	2472	2.40	8.65	20	PASS
		Ant2	2472	2.50	9.57	20	PASS
		total	2472	2.50	12.15	20	PASS
	11N40MIMO	Ant1	2422	2.40	9.38	20	PASS
		Ant2	2422	2.50	9.27	20	PASS
		total	2422	2.50	12.38	20	PASS
		Ant1	2442	2.40	9.14	20	PASS
		Ant2	2442	2.50	9.59	20	PASS
		total	2442	2.50	12.43	20	PASS
		Ant1	2462	2.40	9.12	20	PASS
		Ant2	2462	2.50	9.97	20	PASS
		total	2462	2.50	12.57	20	PASS

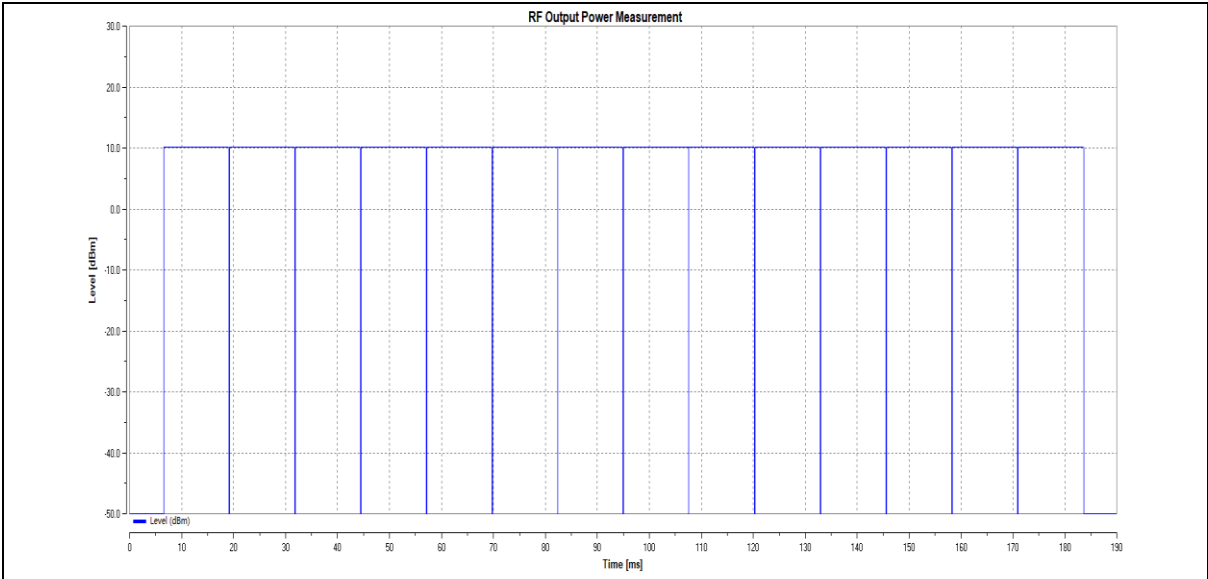
Notes:

RF Output Power (e.i.r.p) = RF Output power (dBm) + Antenna Gain (dBi)

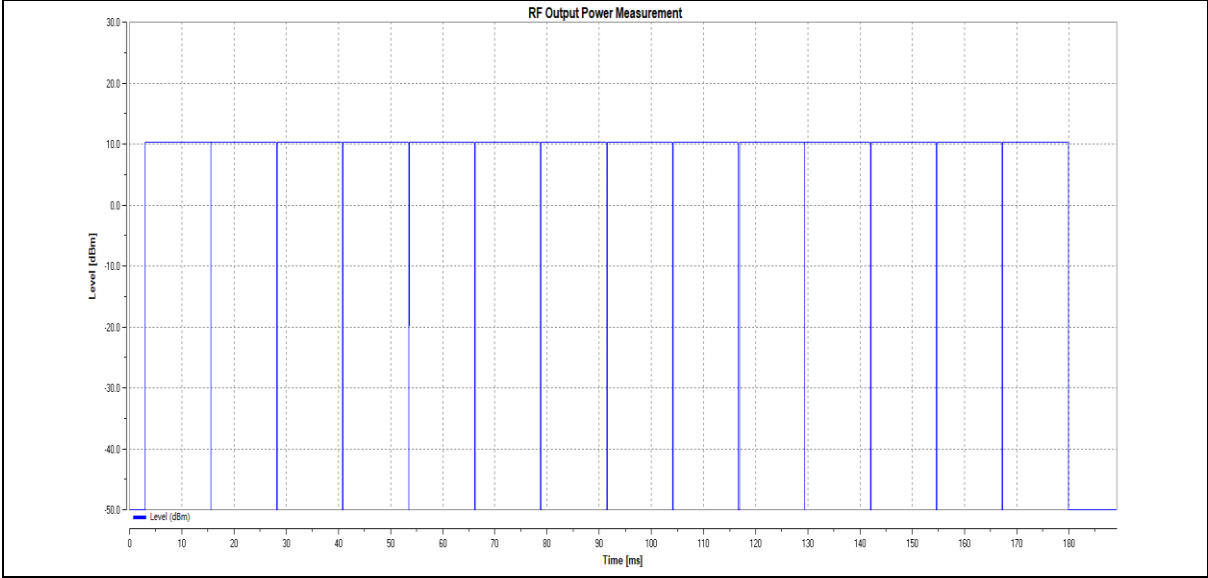
All conditions are tested, only the worse result is reported.

6.3 Test Graph:

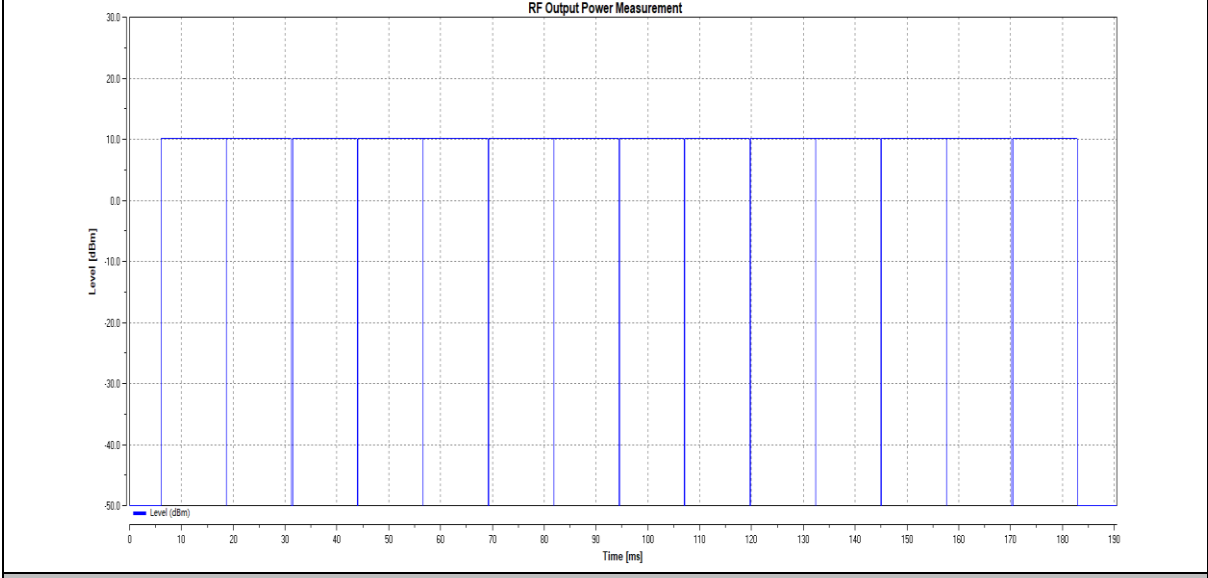




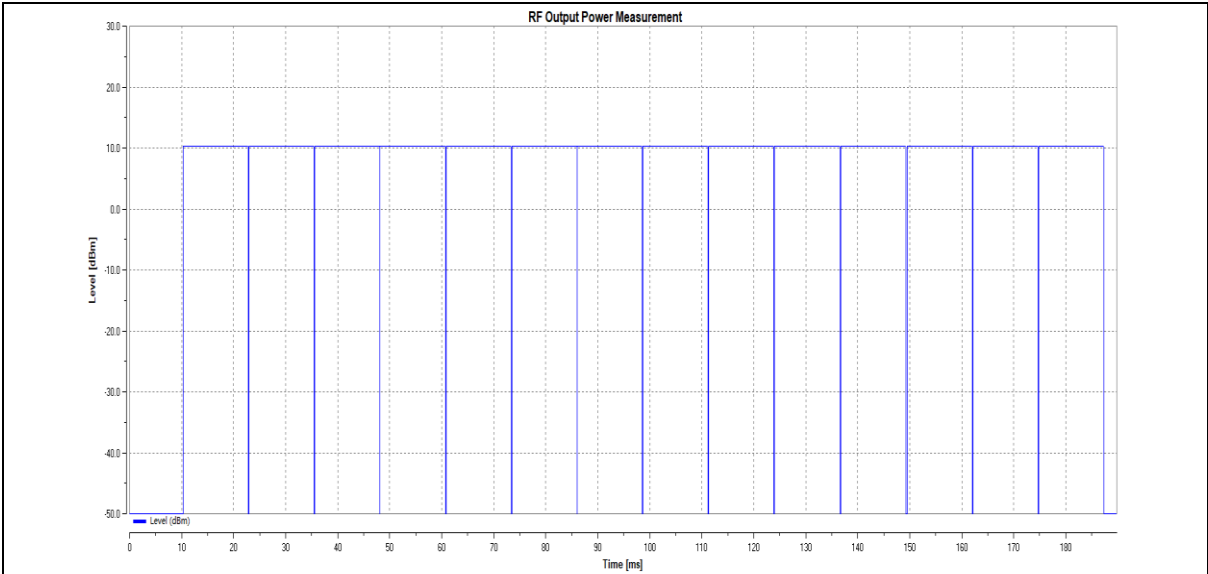
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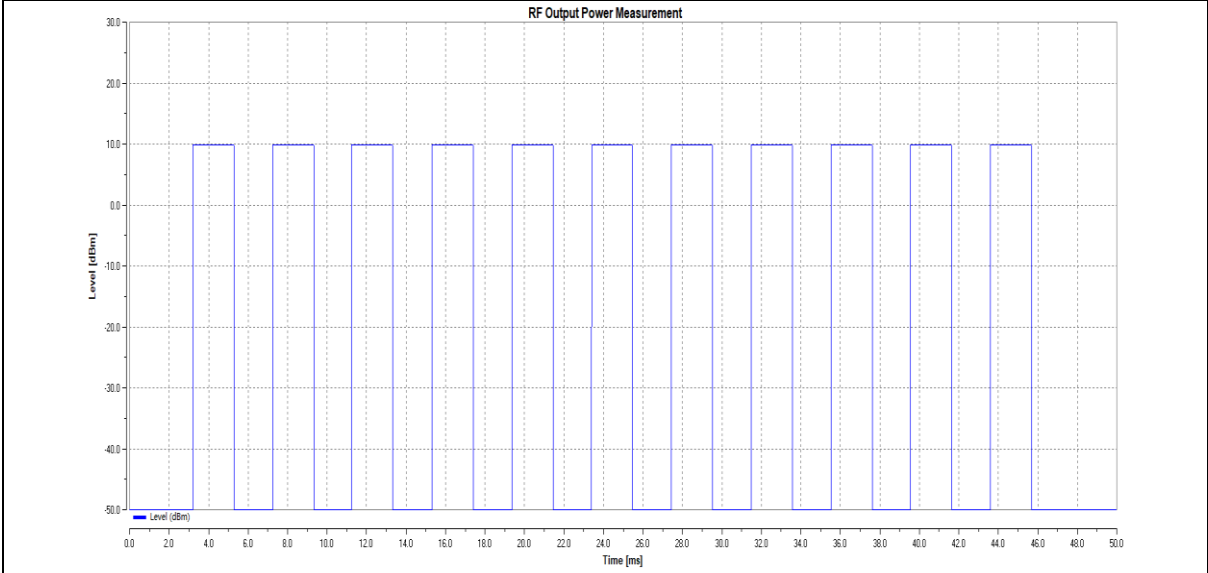
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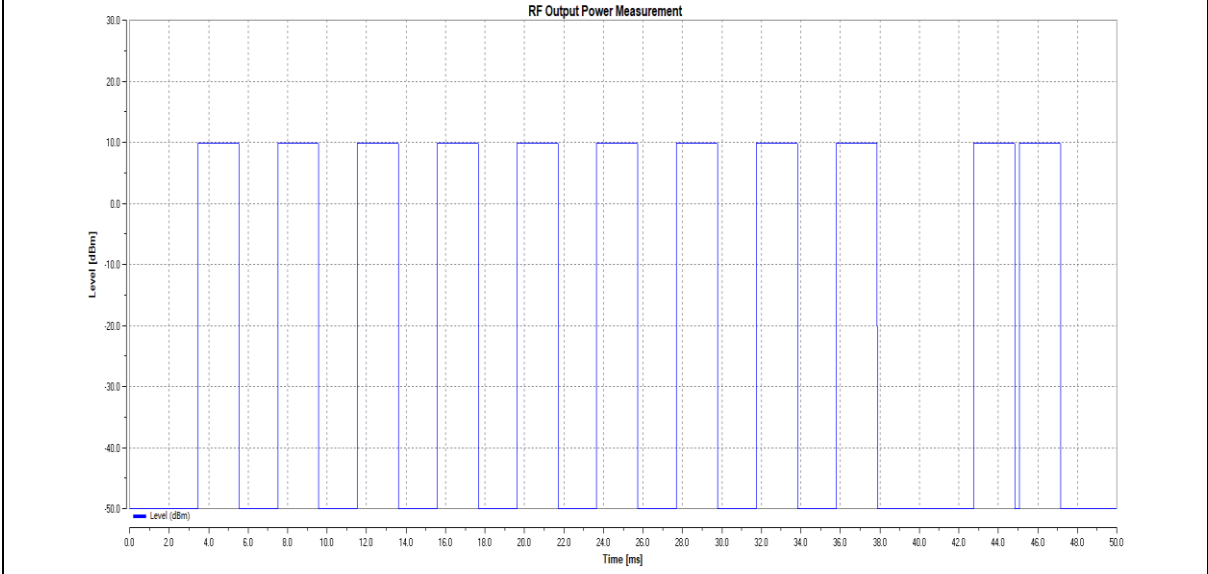
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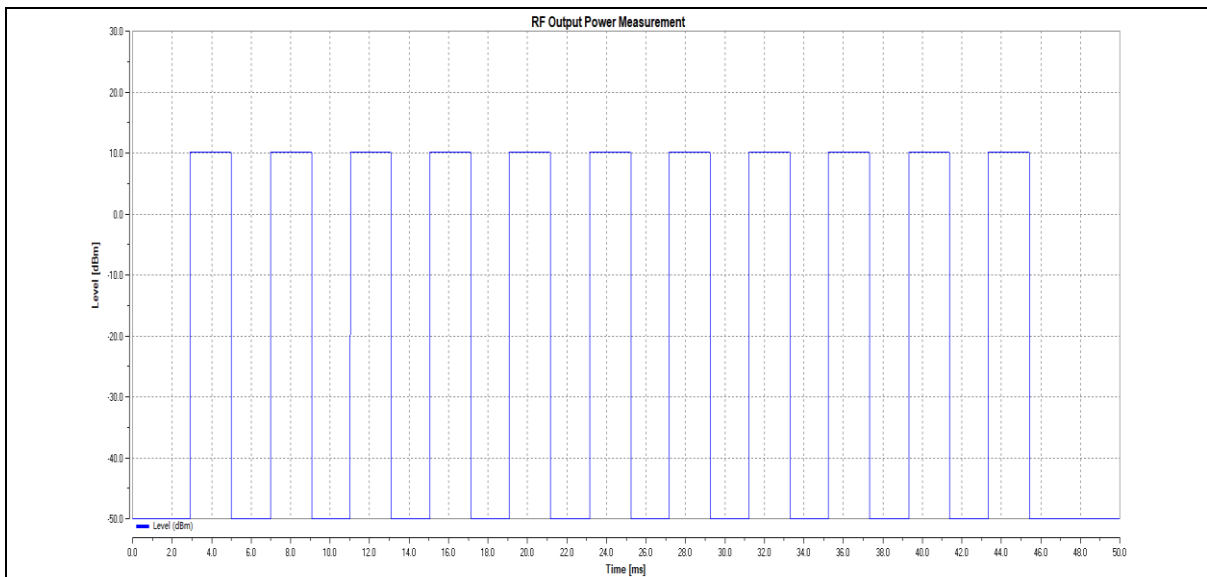
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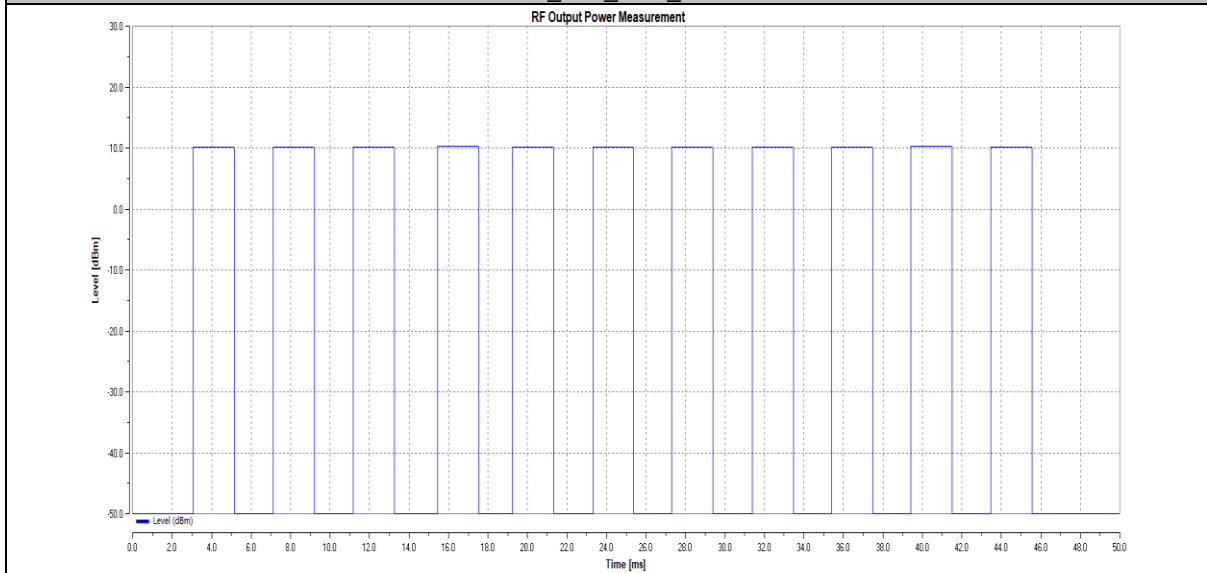
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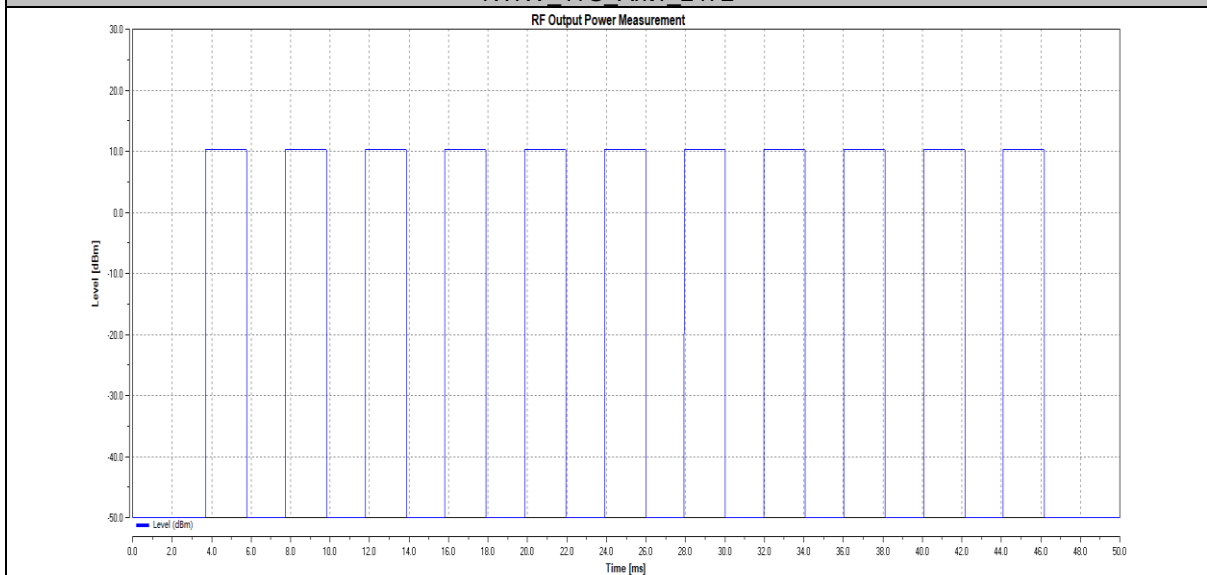
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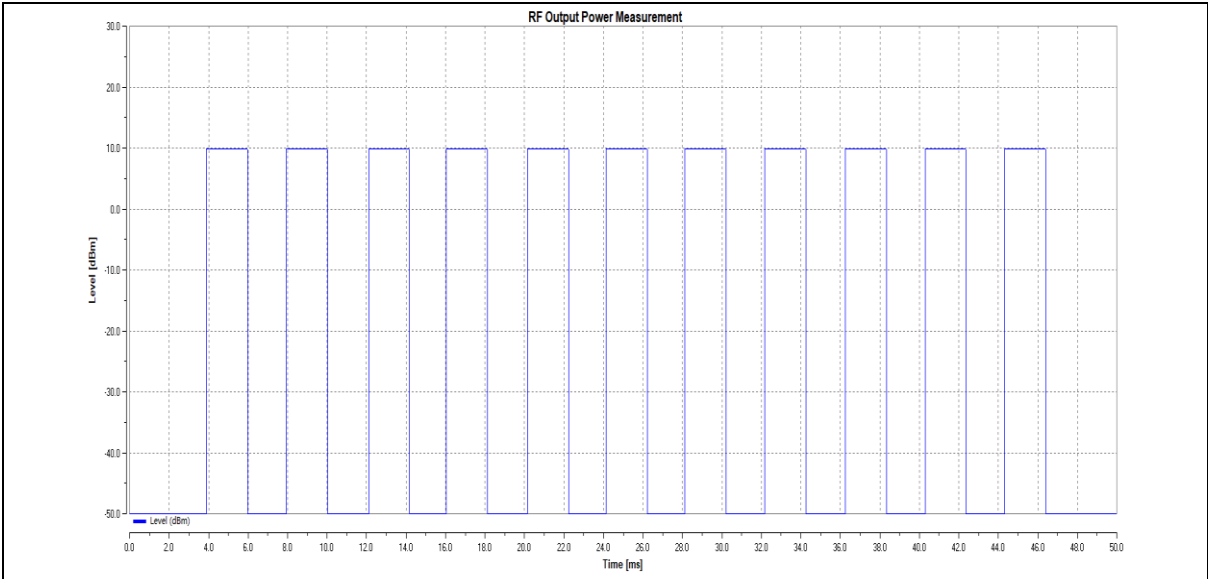
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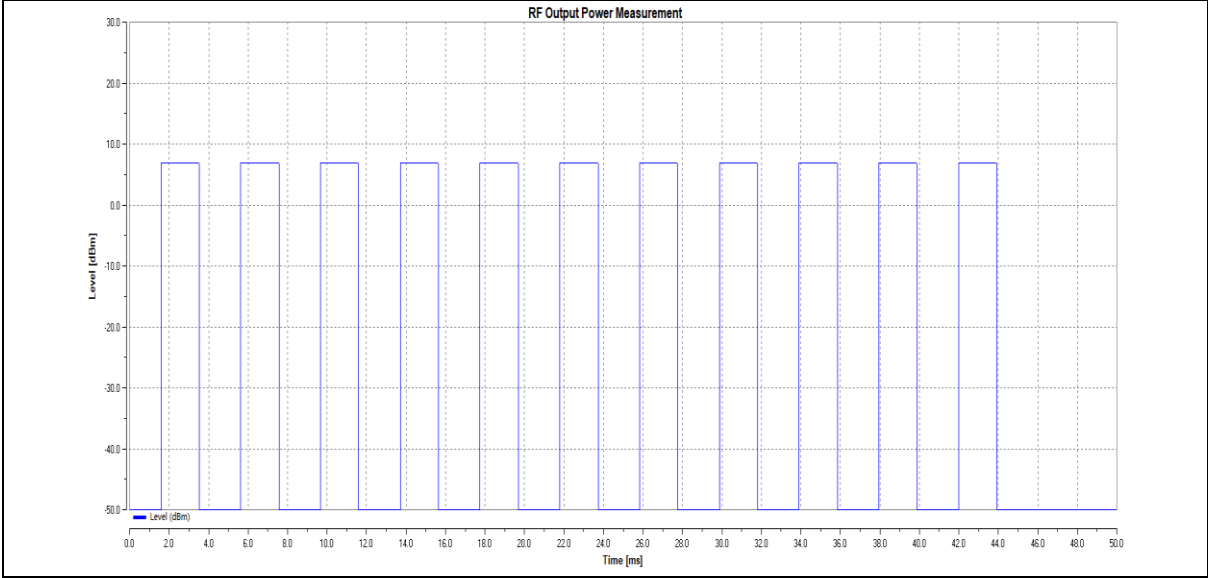
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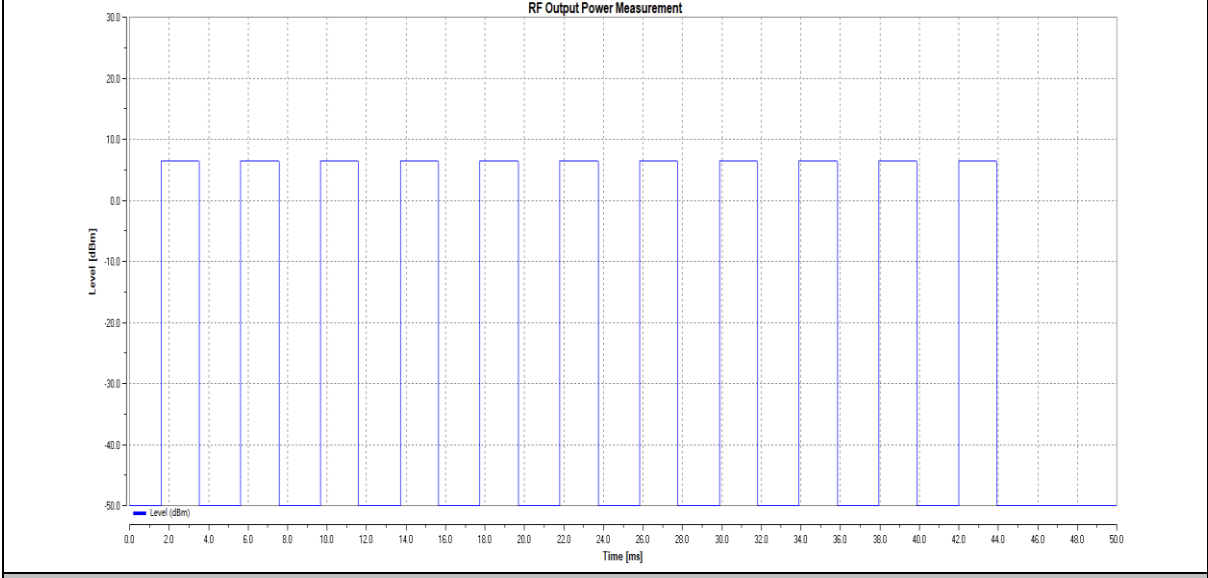
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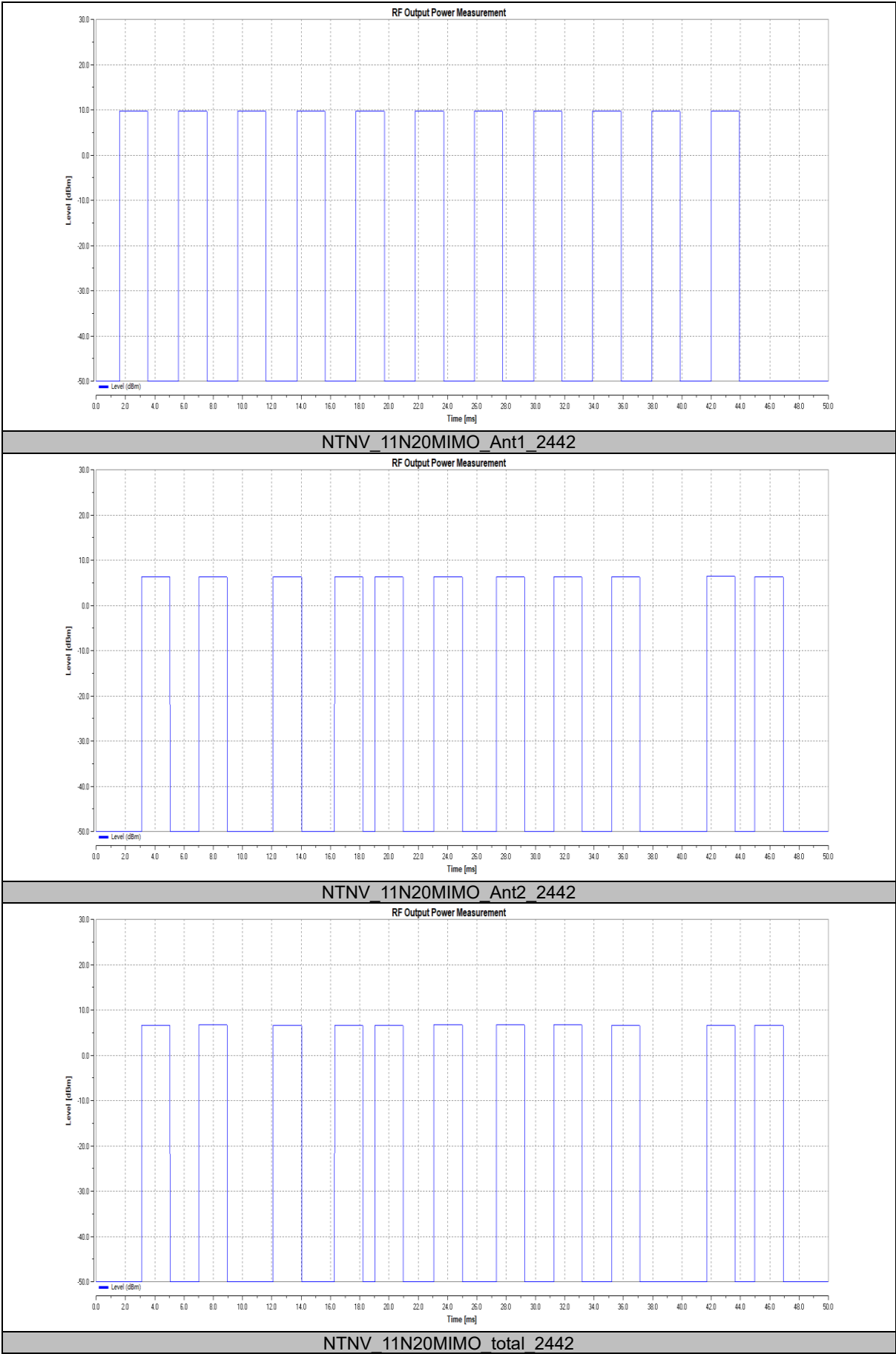
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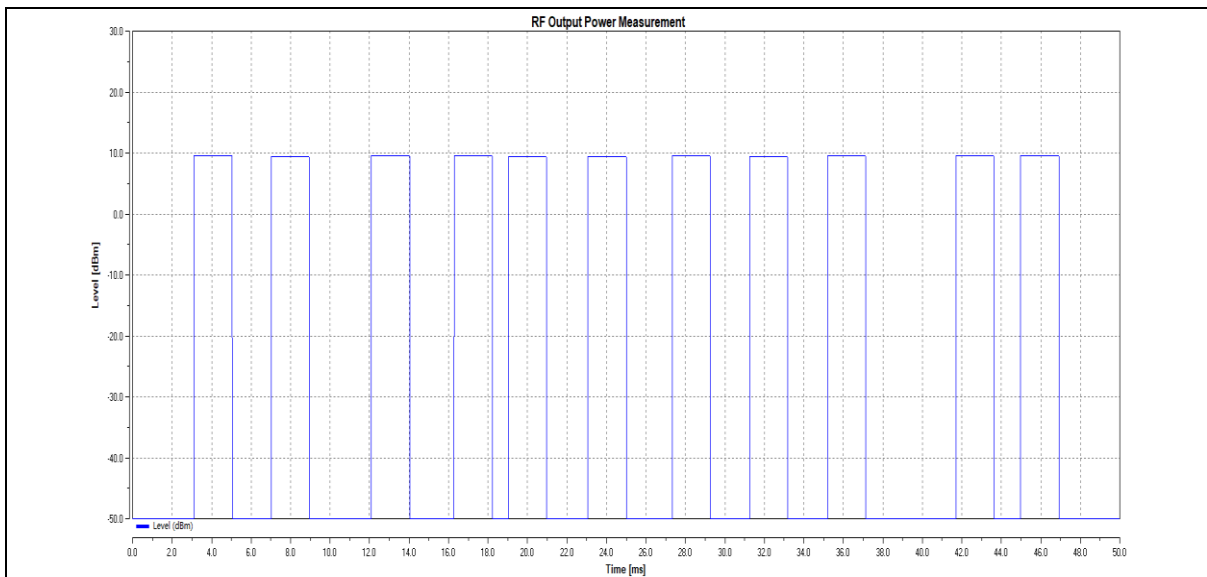


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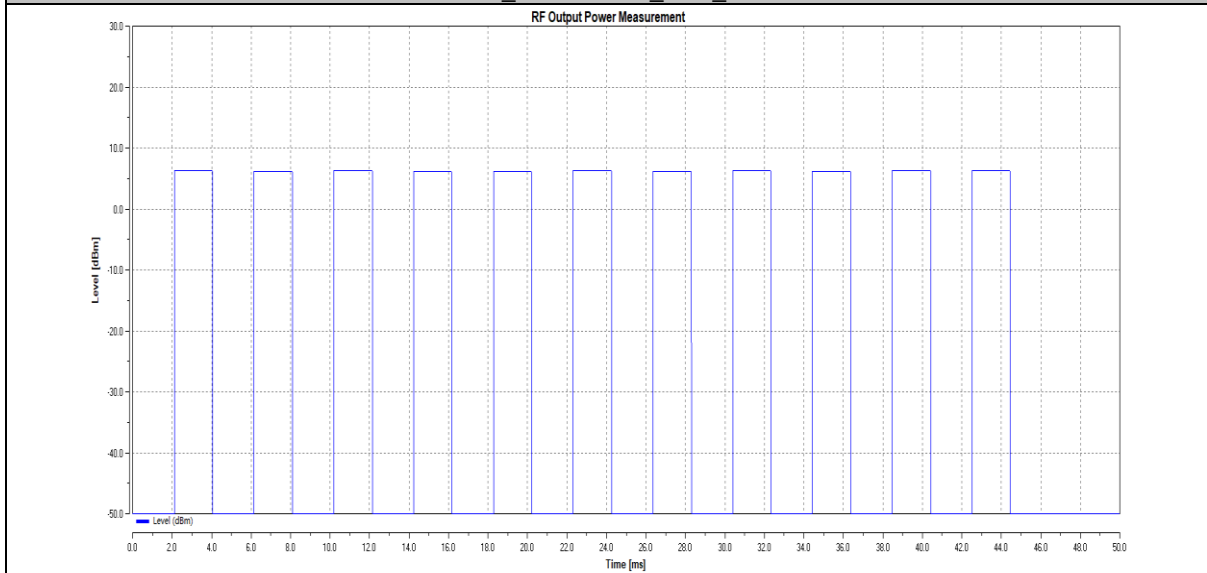


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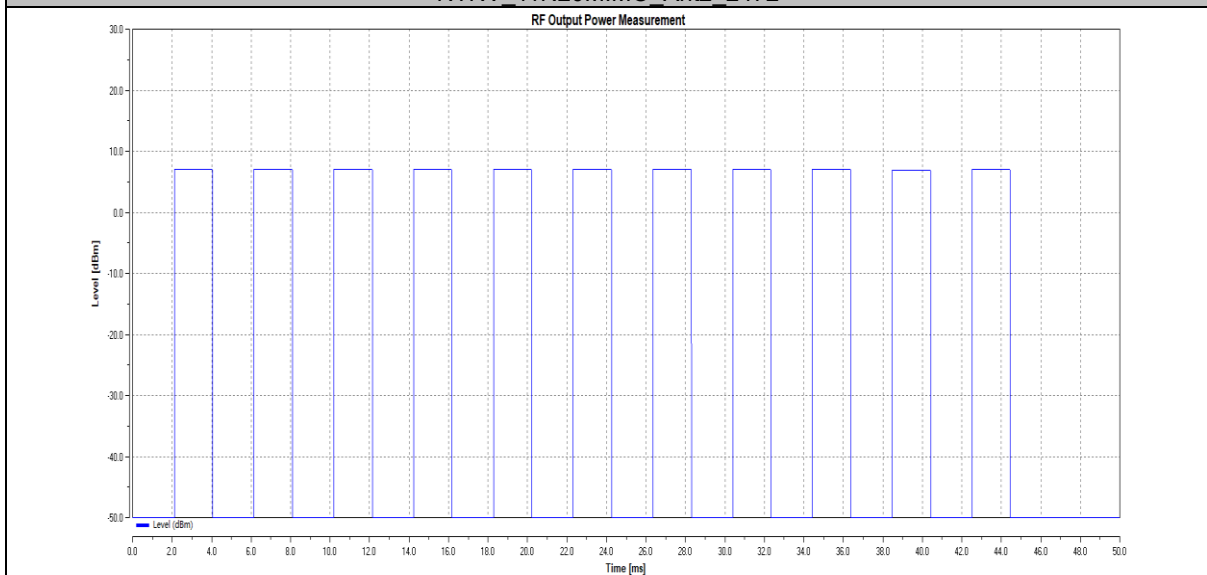




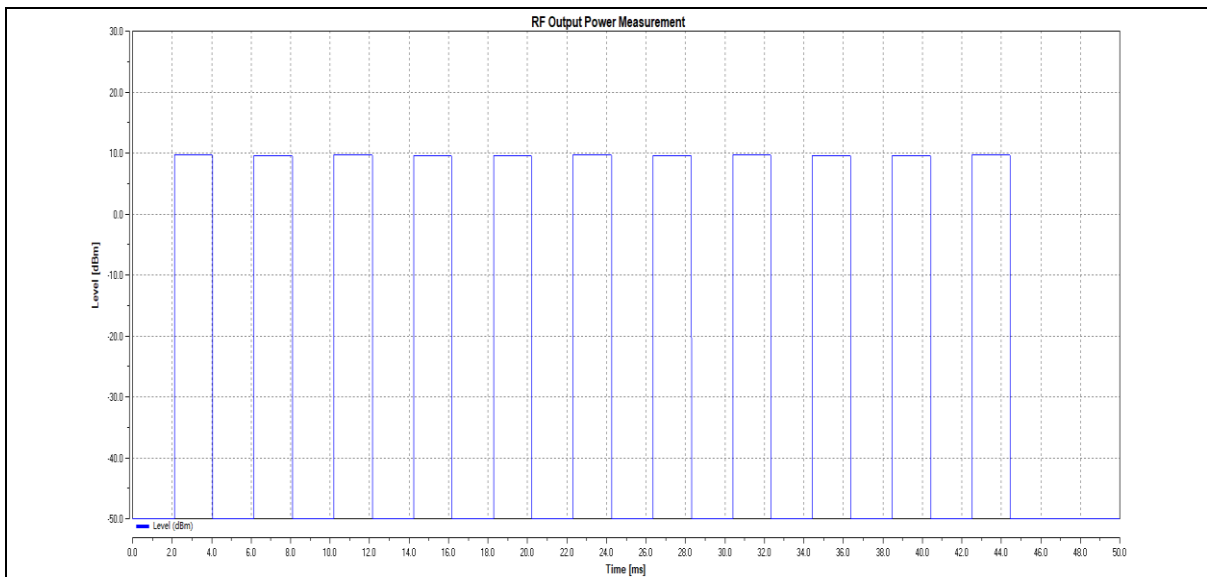
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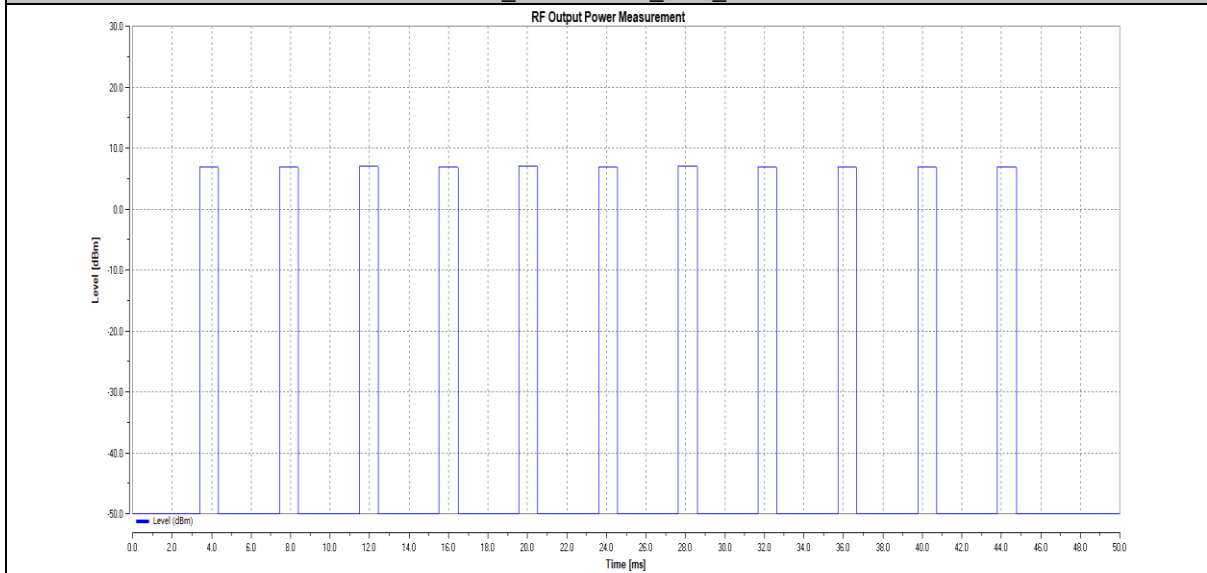
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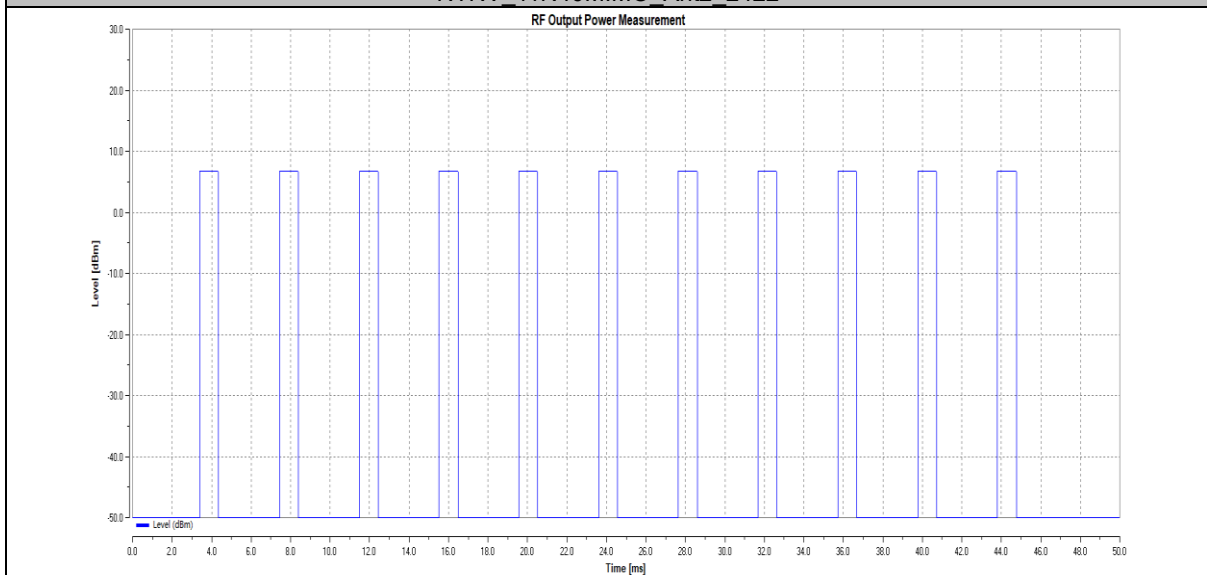
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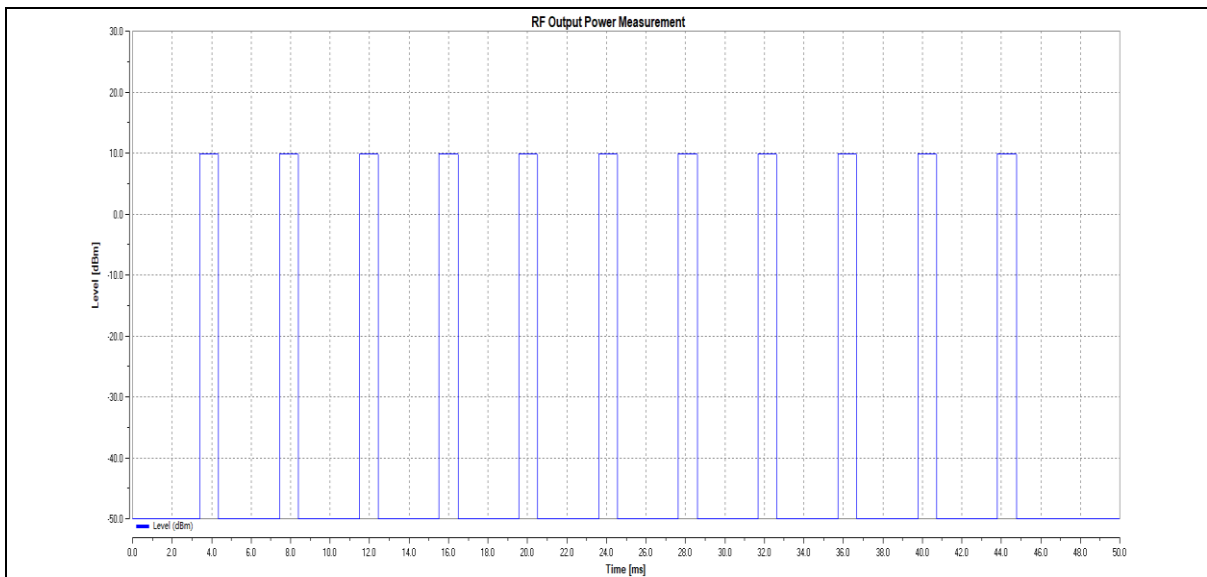
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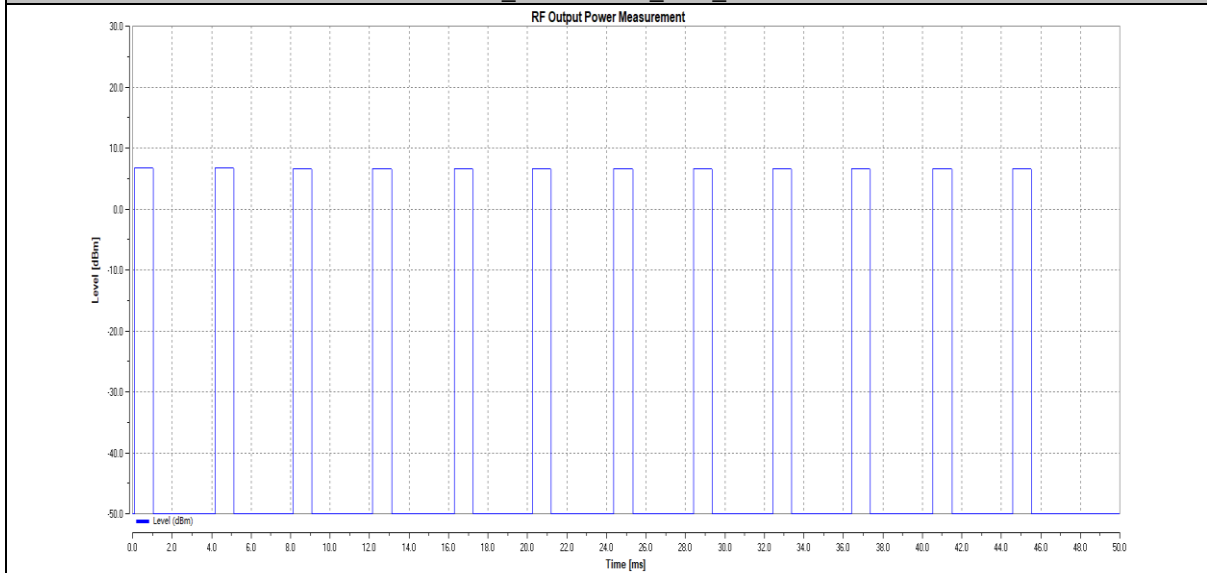
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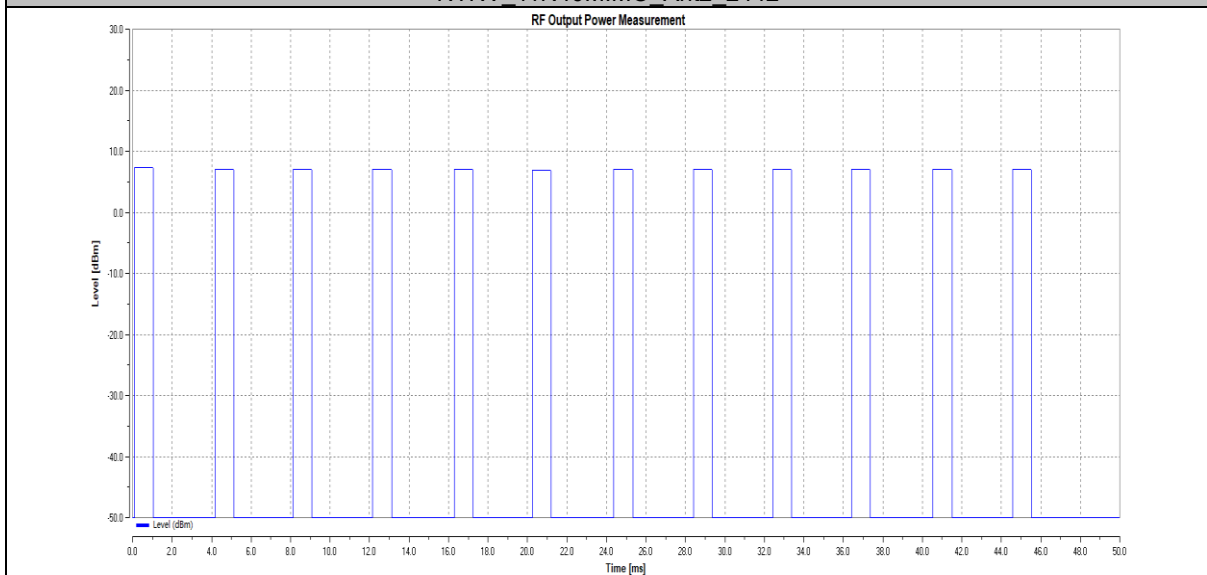
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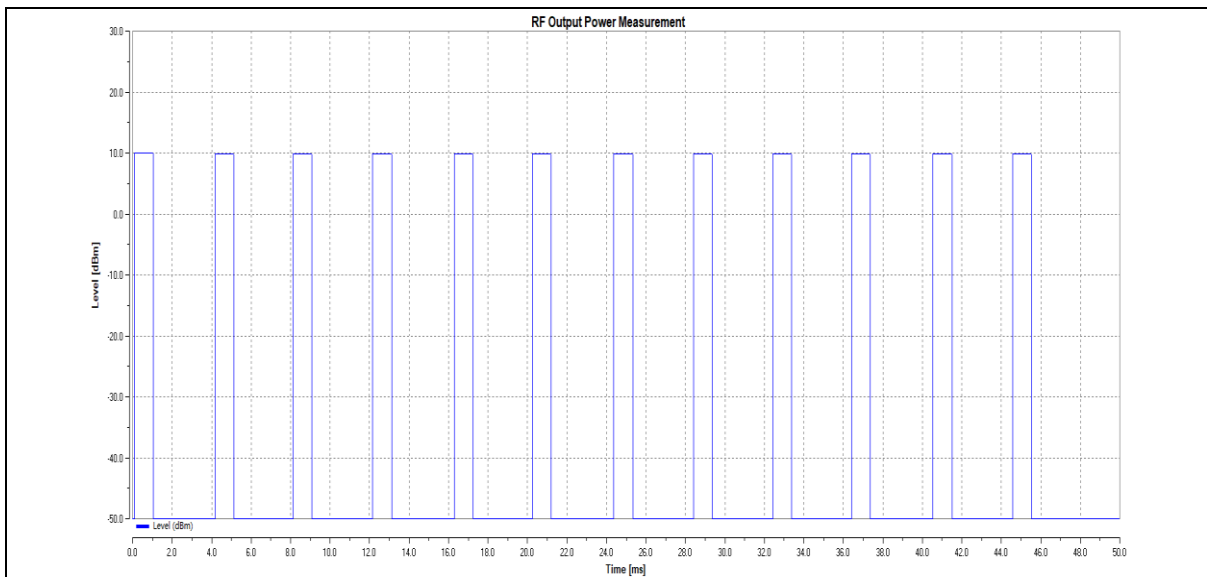
NTNV_11N40MIMO_Ant1_2442



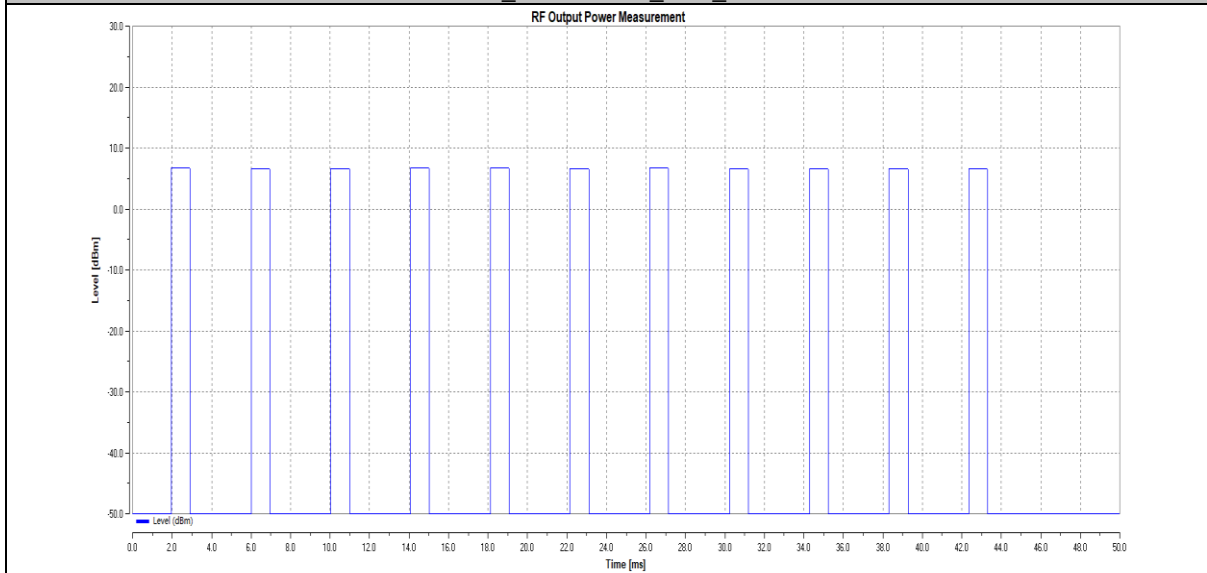
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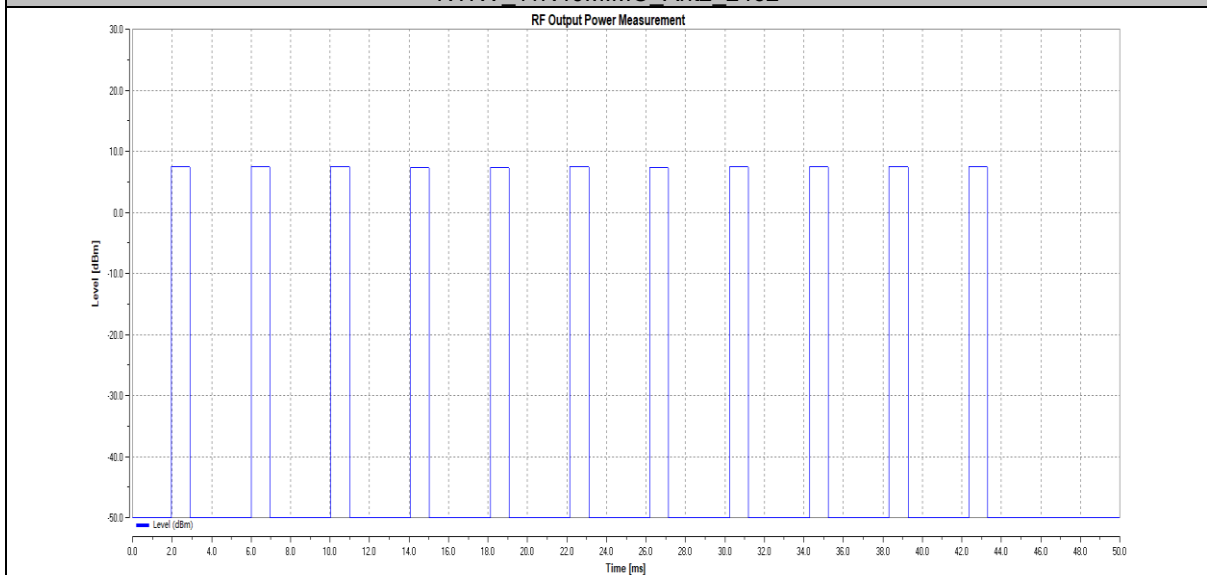
NTNV_11N40MIMO total 2442



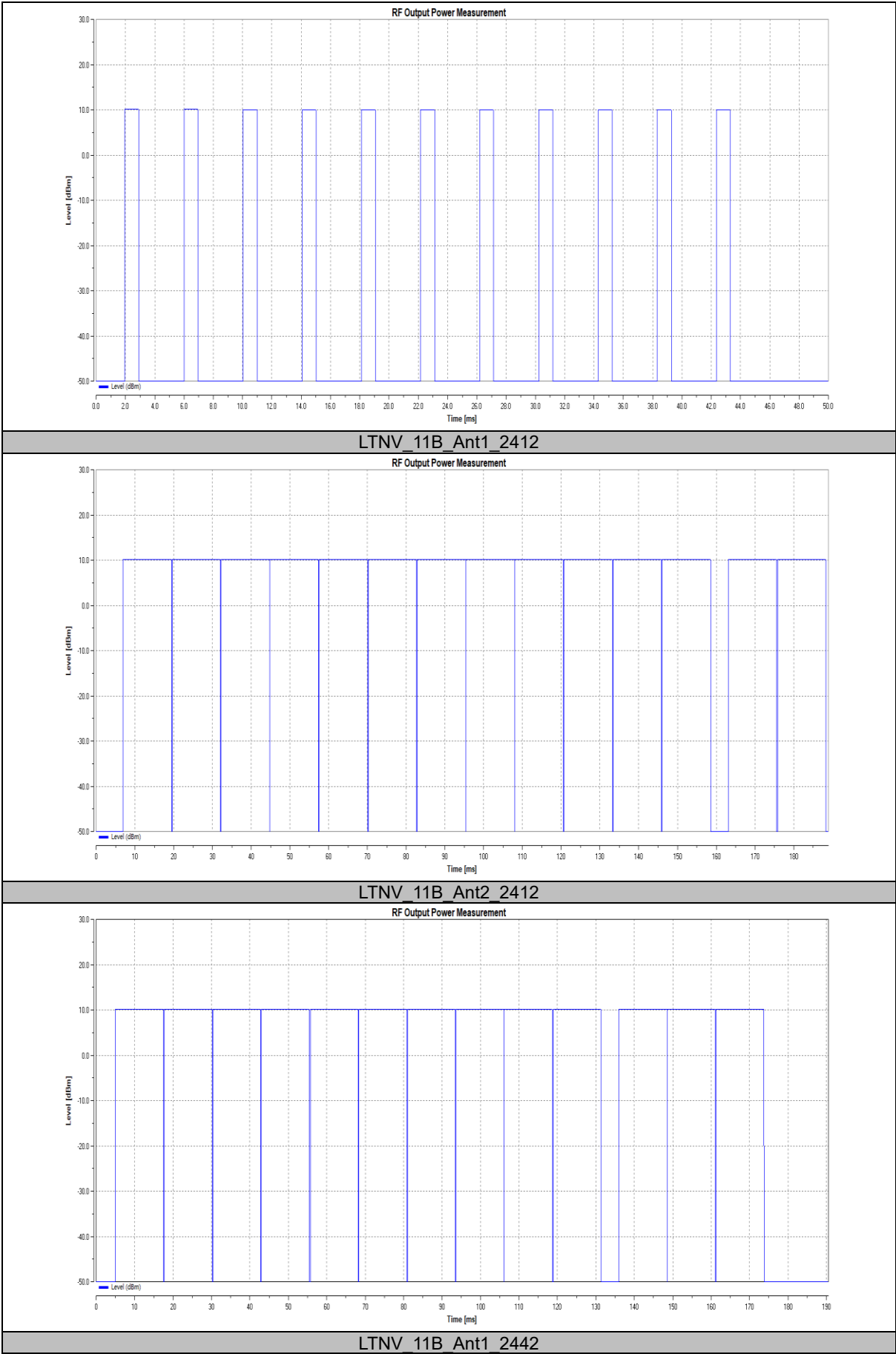
NTNV_11N40MIMO_Ant1_2462

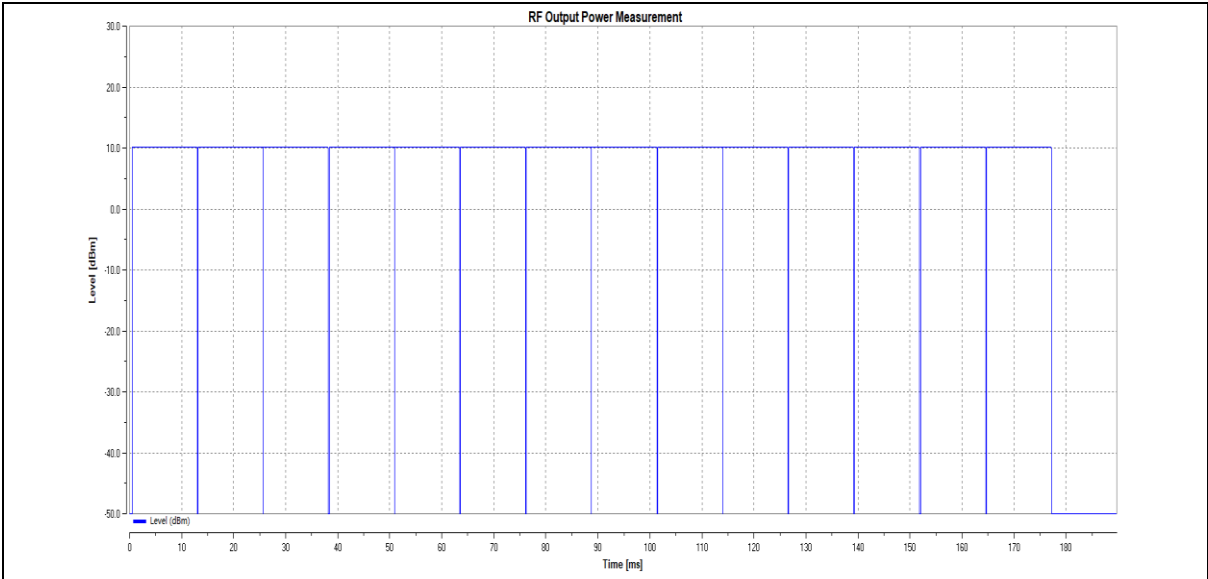


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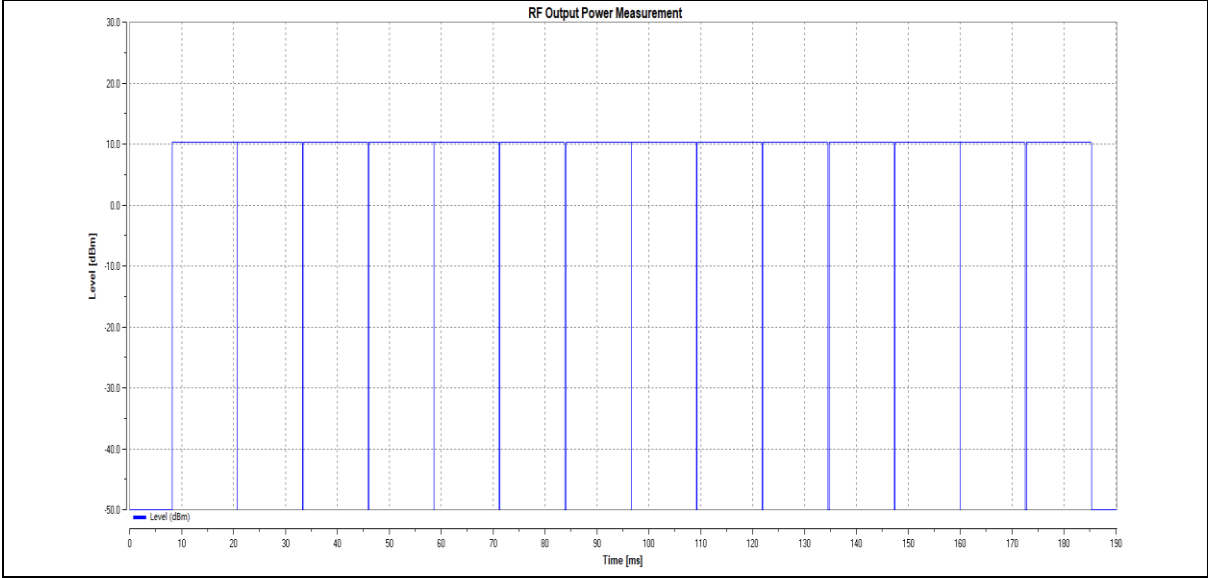


NTNV_11N40MIMO total 2462

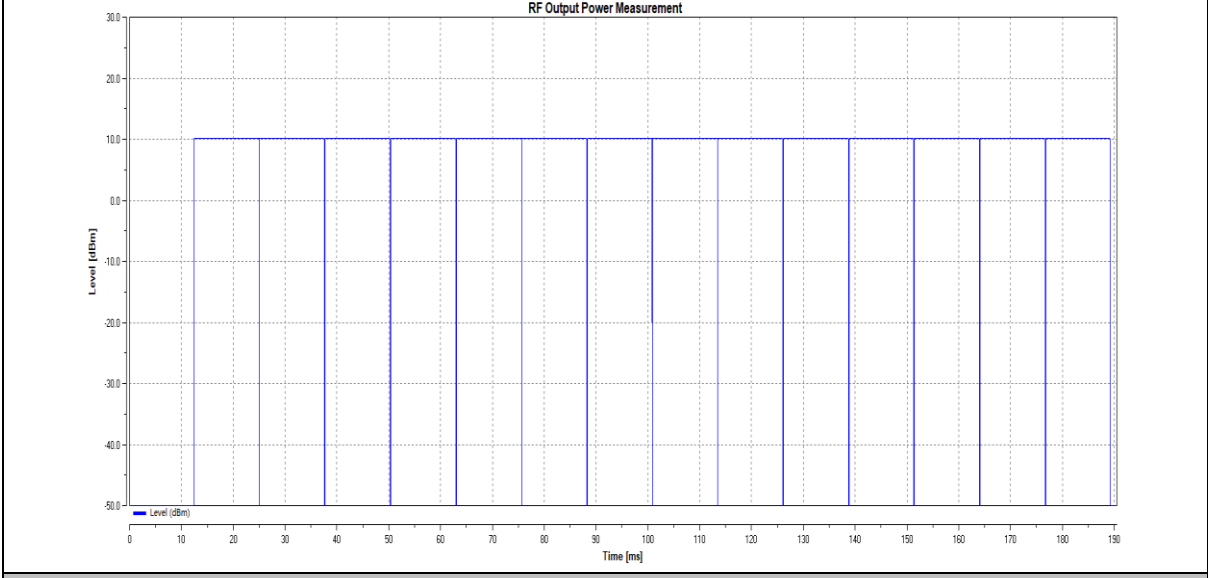




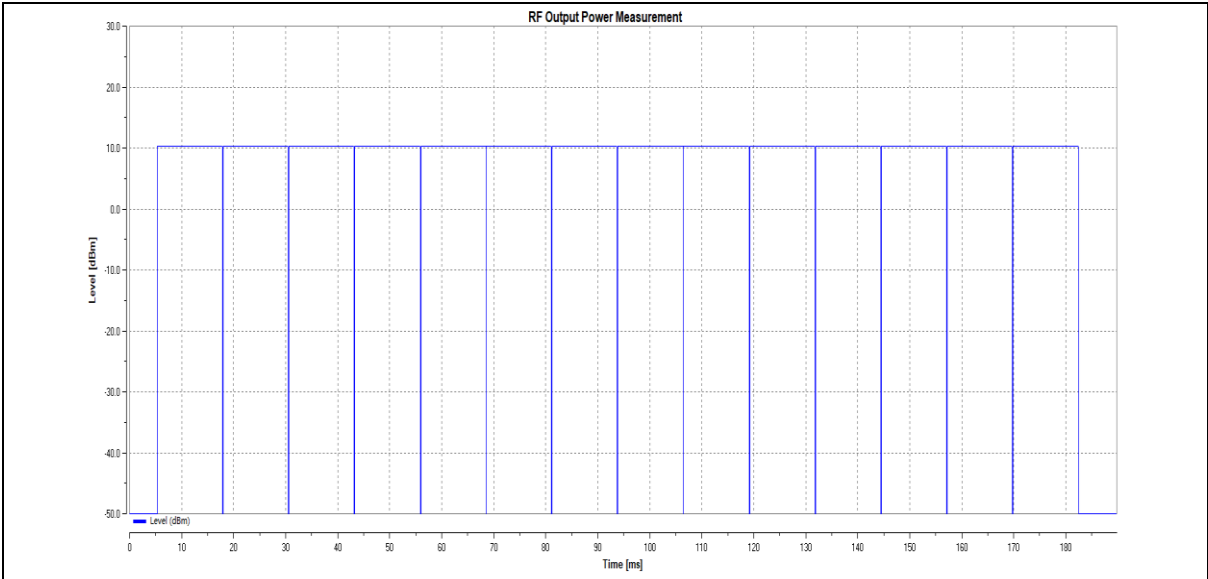
LTNV_11B_Ant2_2442



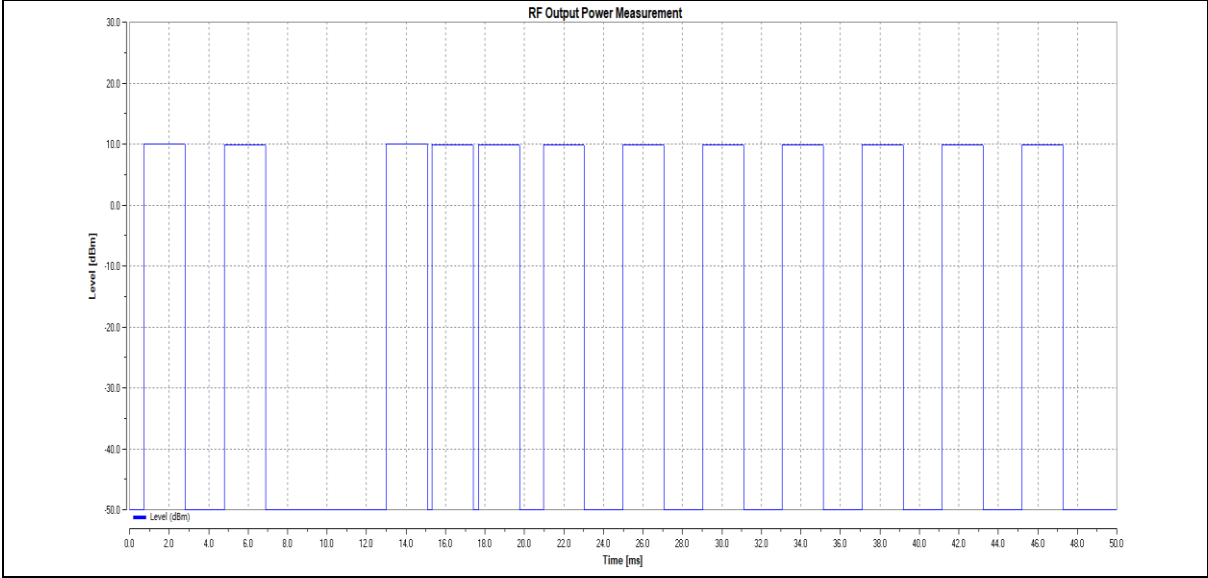
LTNV_11B_Ant1_2472



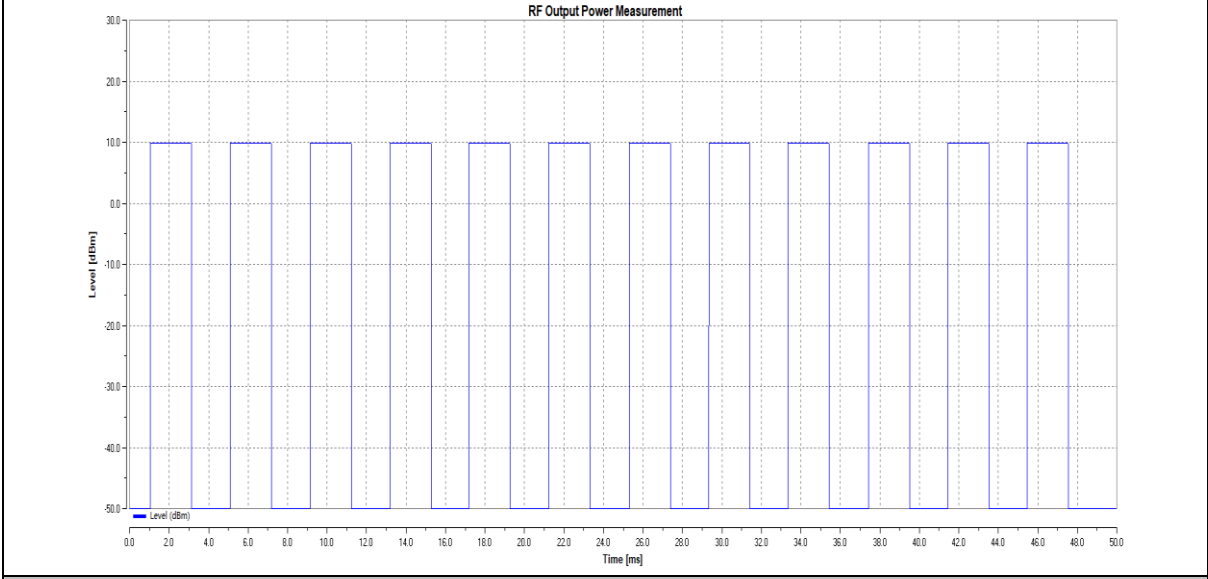
LTNV_11B_Ant2_2472



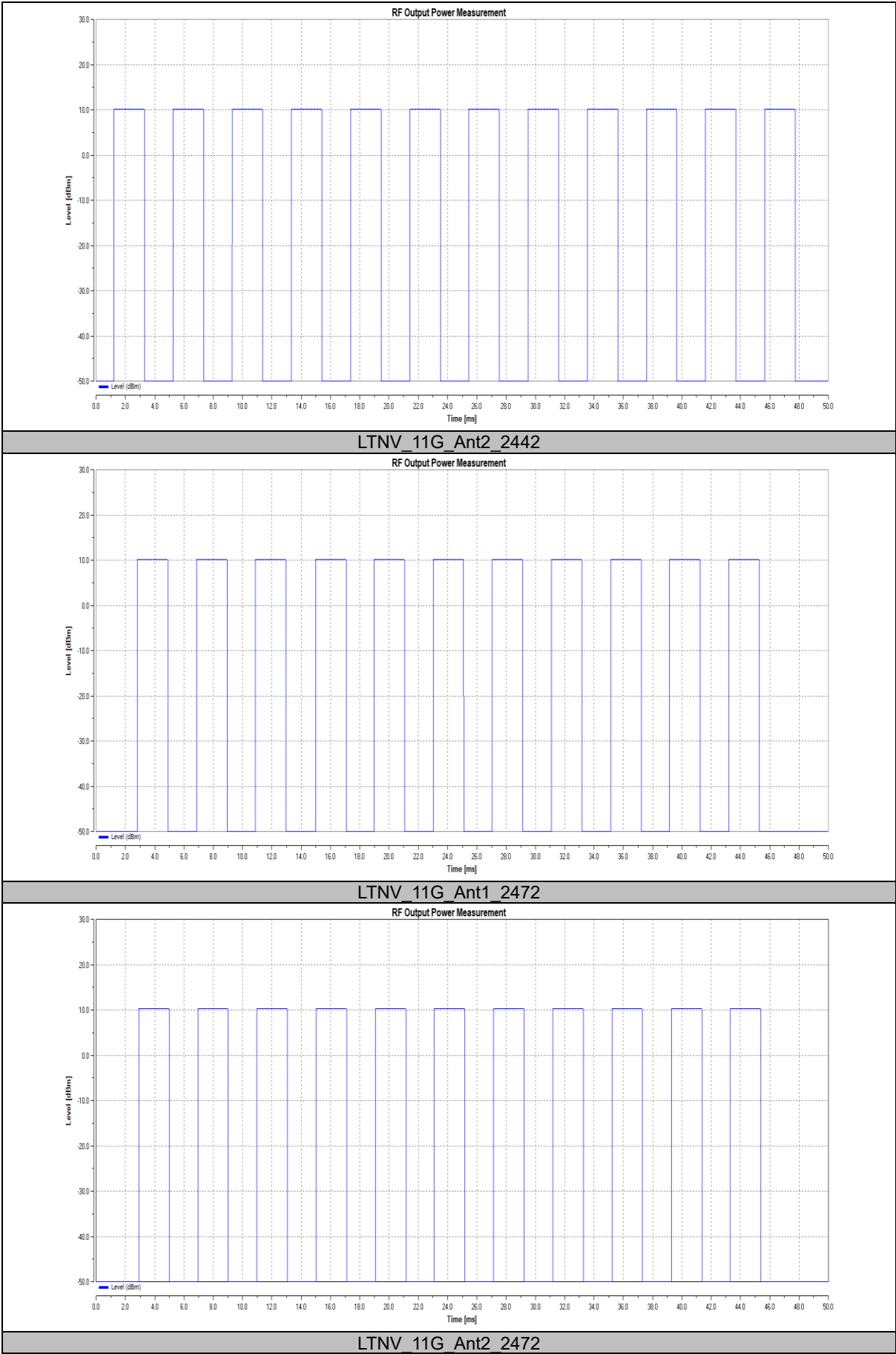
LTNV_11G_Ant1_2412

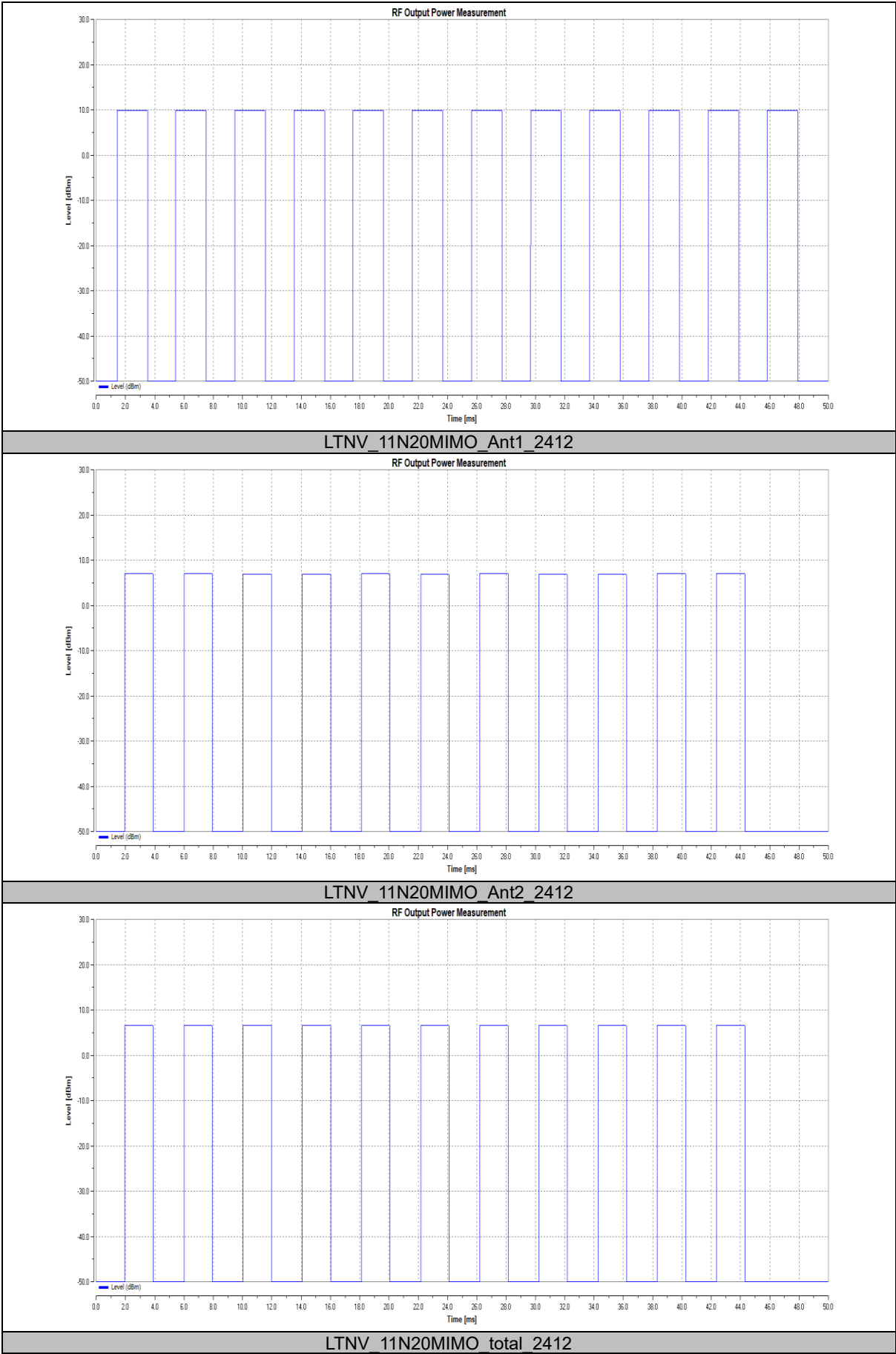


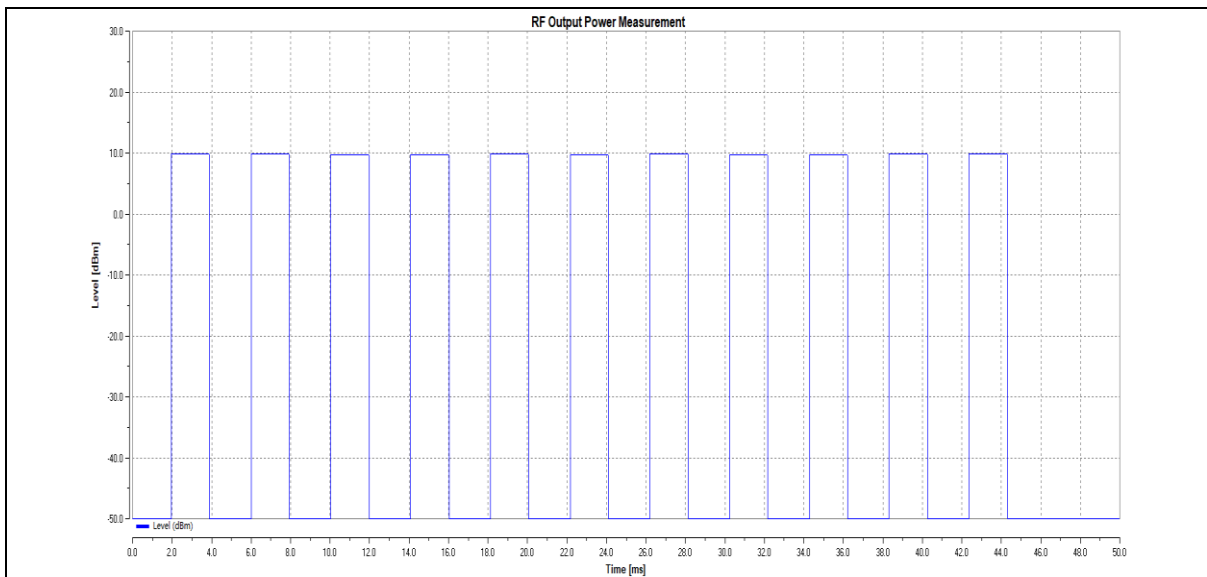
LTNV_11G_Ant2_2412



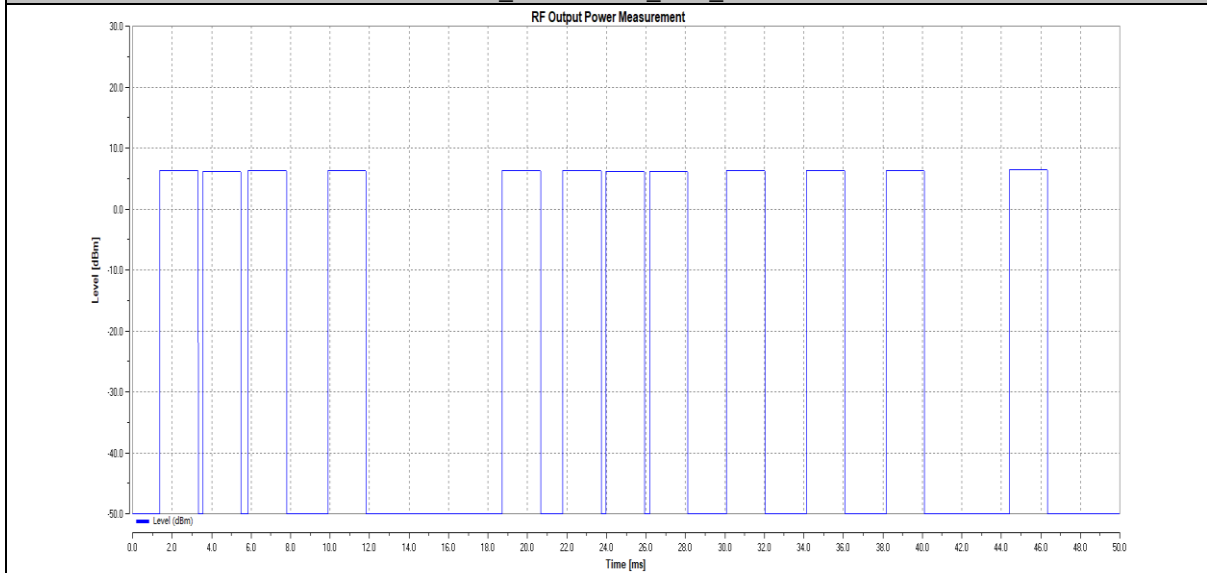
LTNV_11G_Ant1_2442



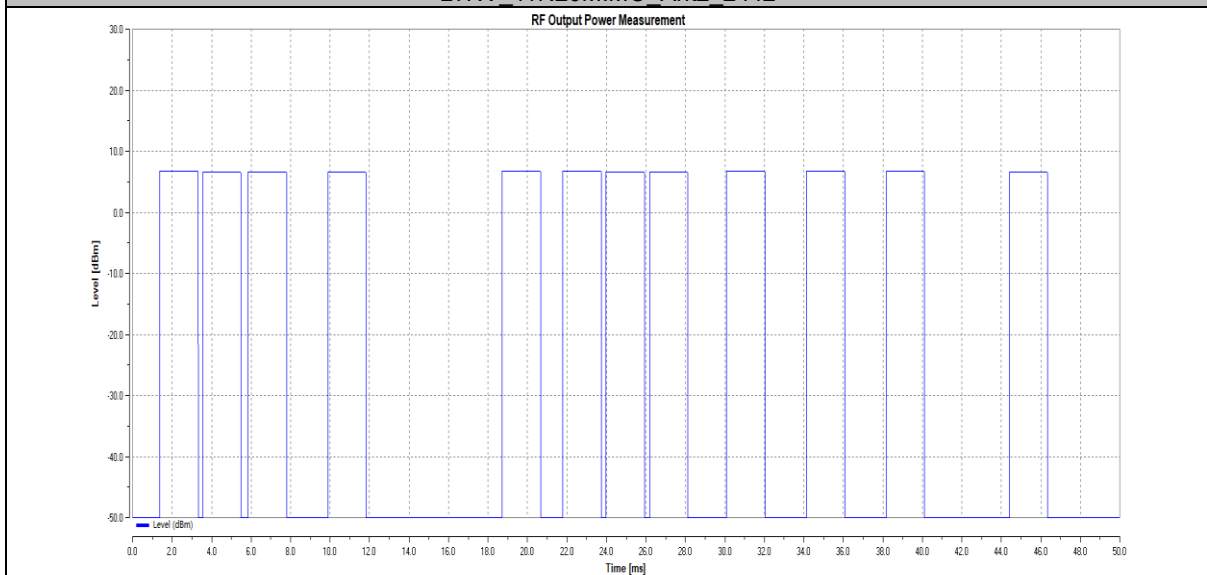




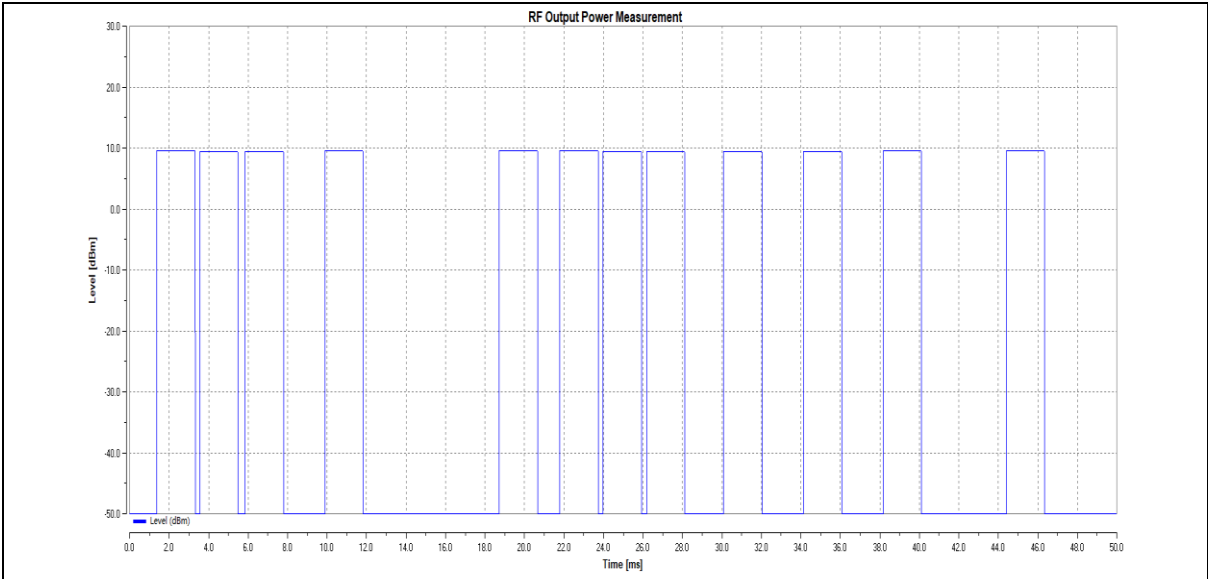
LTNV_11N20MIMO_Ant1_2442



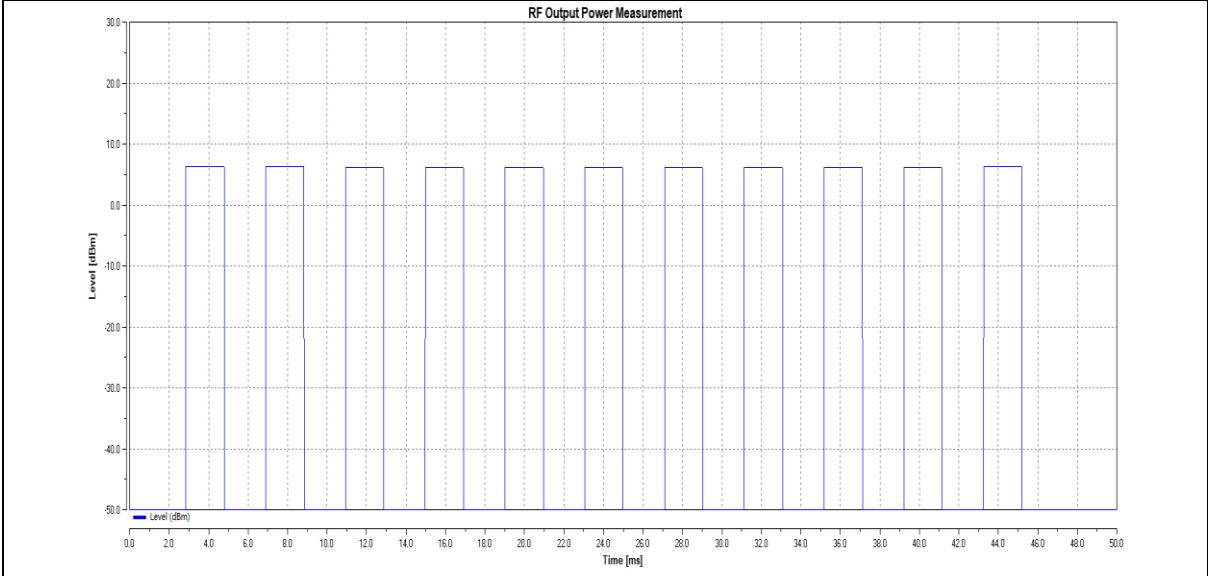
LTNV_11N20MIMO_Ant2_2442



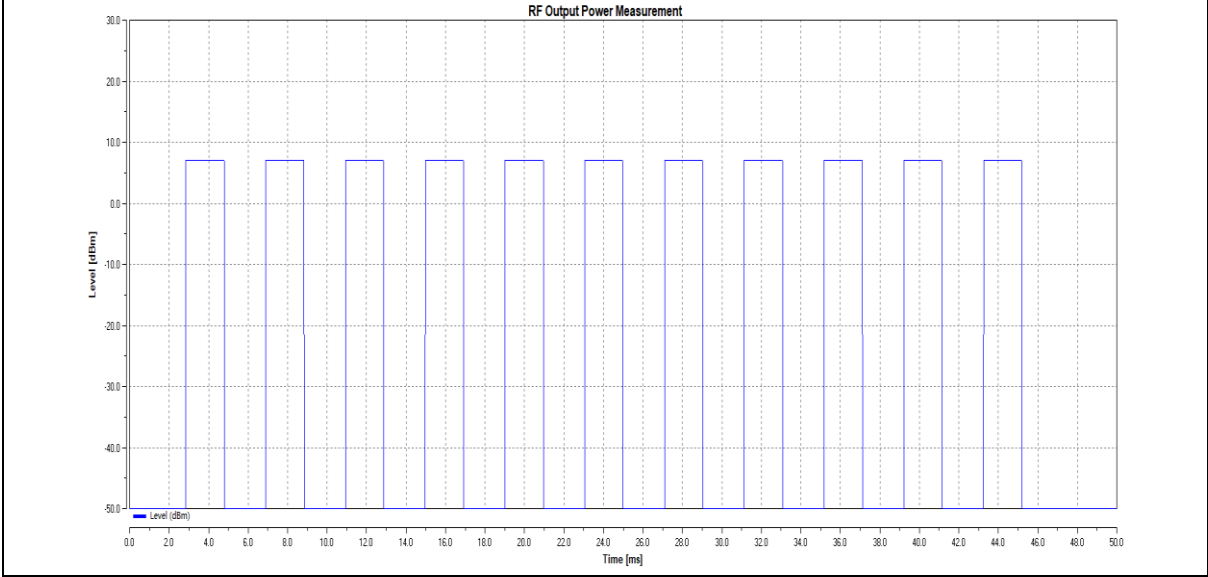
LTNV_11N20MIMO total_2442



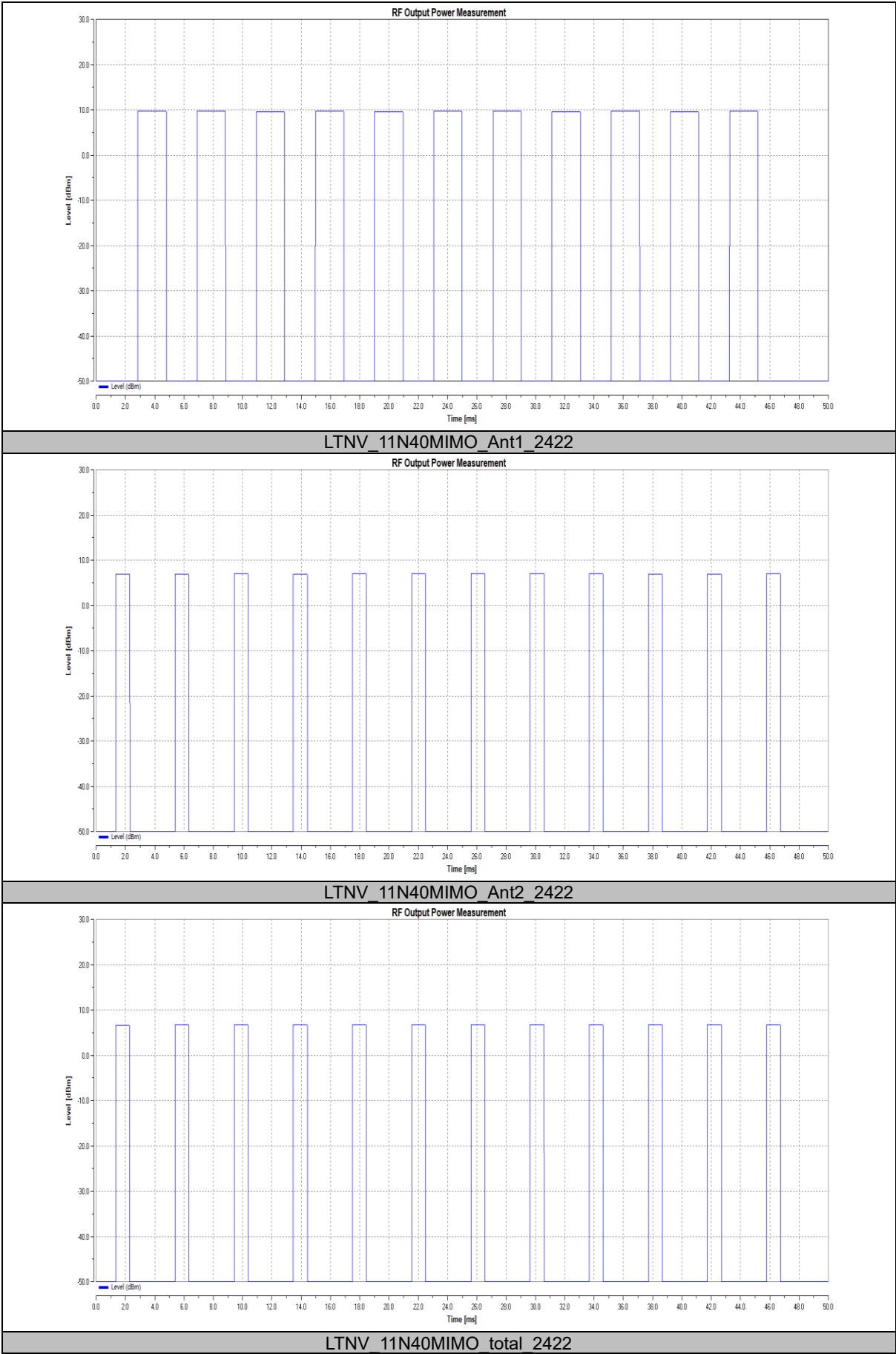
LTNV_11N20MIMO_Ant1_2472

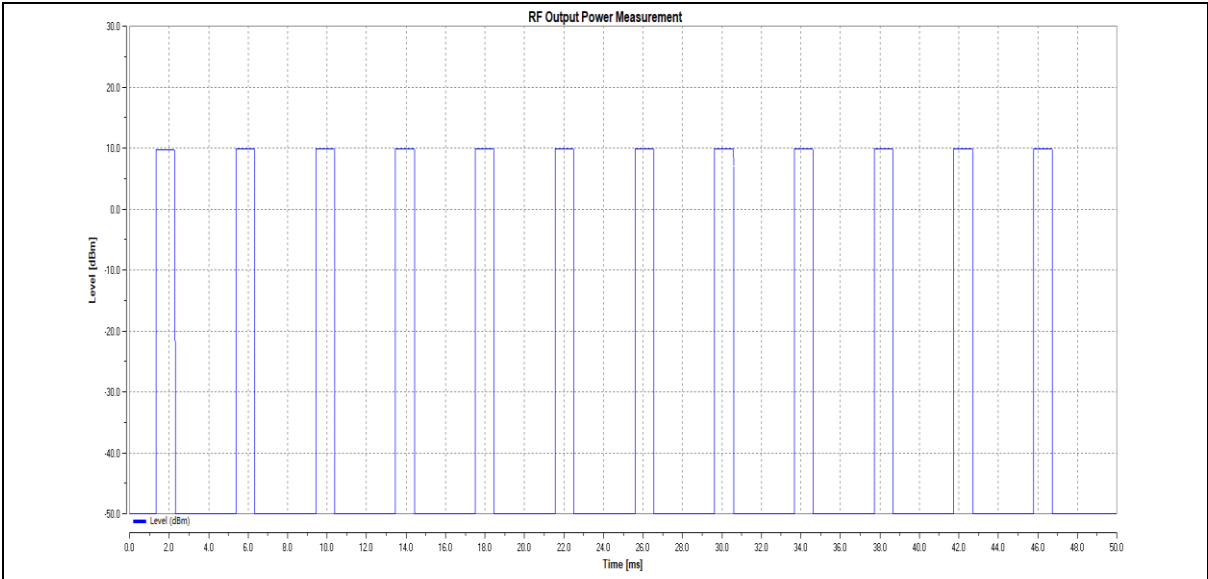


LTNV_11N20MIMO_Ant2_2472

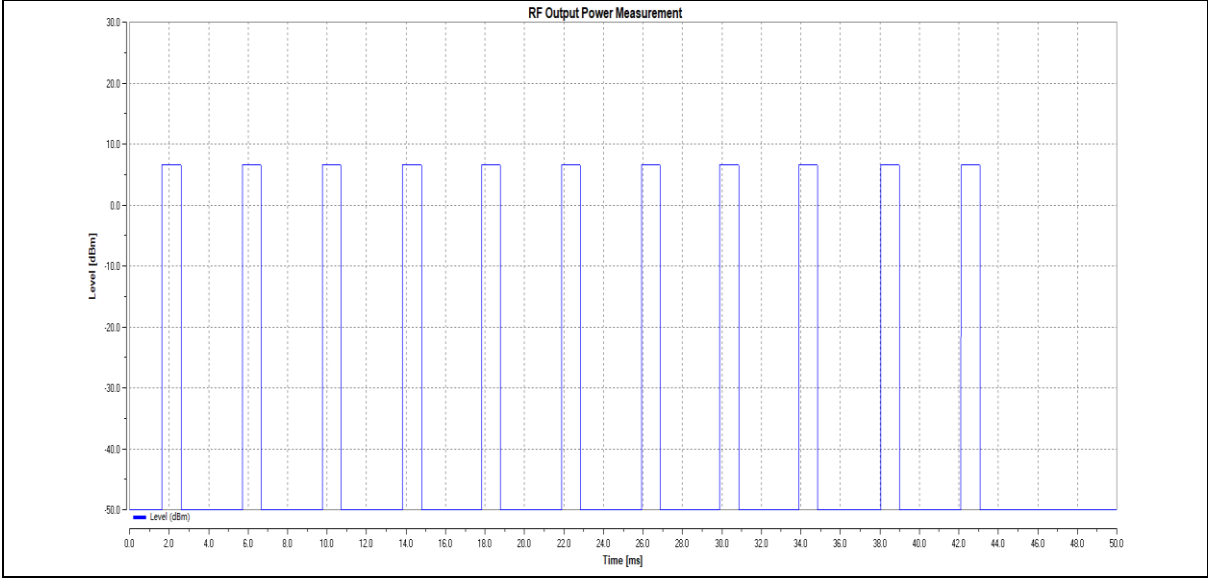


LTNV_11N20MIMO total_2472

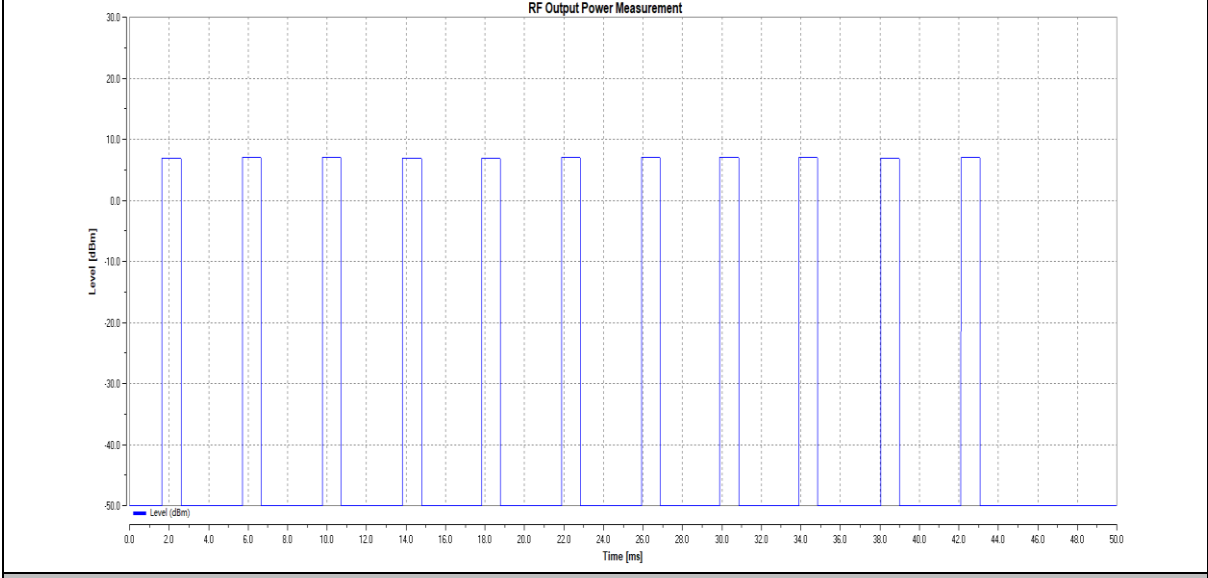




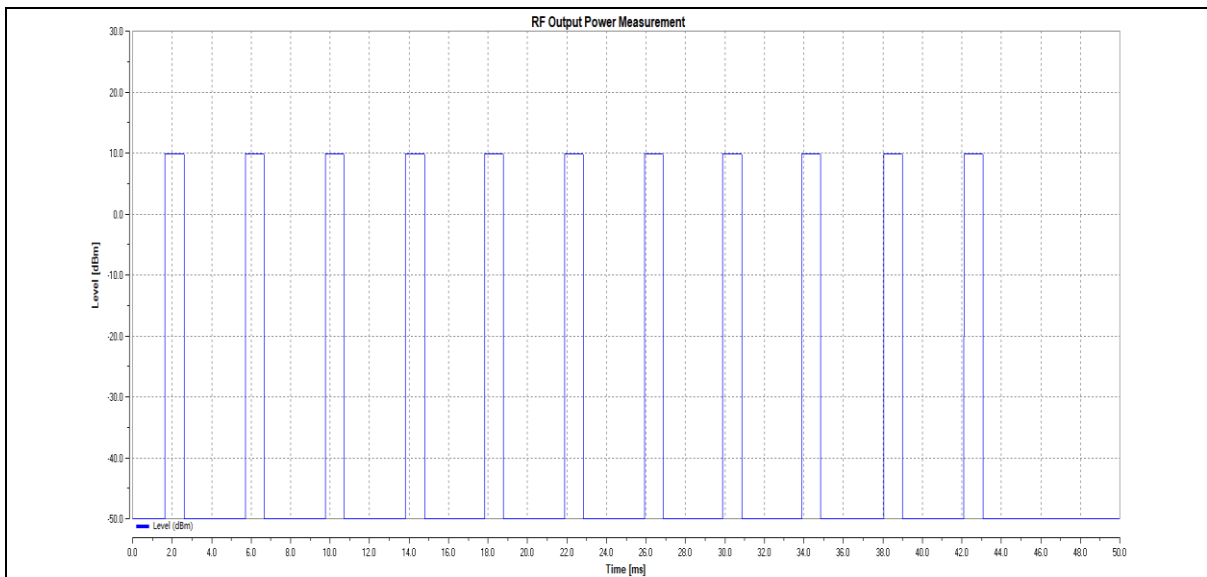
LTNV_11N40MIMO_Ant1_2442



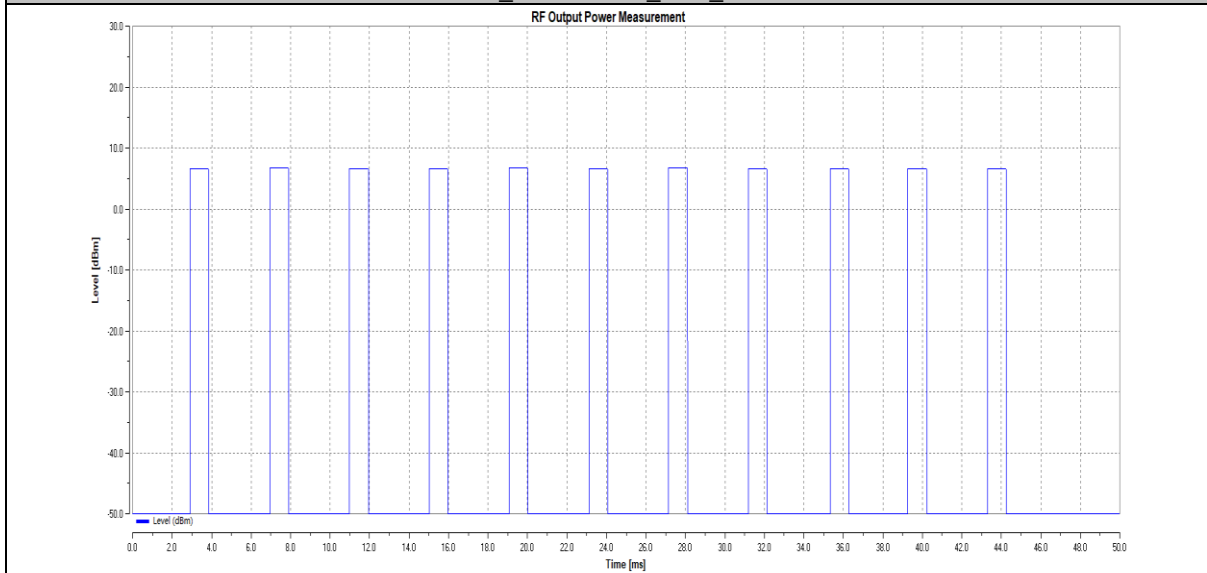
LTNV_11N40MIMO_Ant2_2442



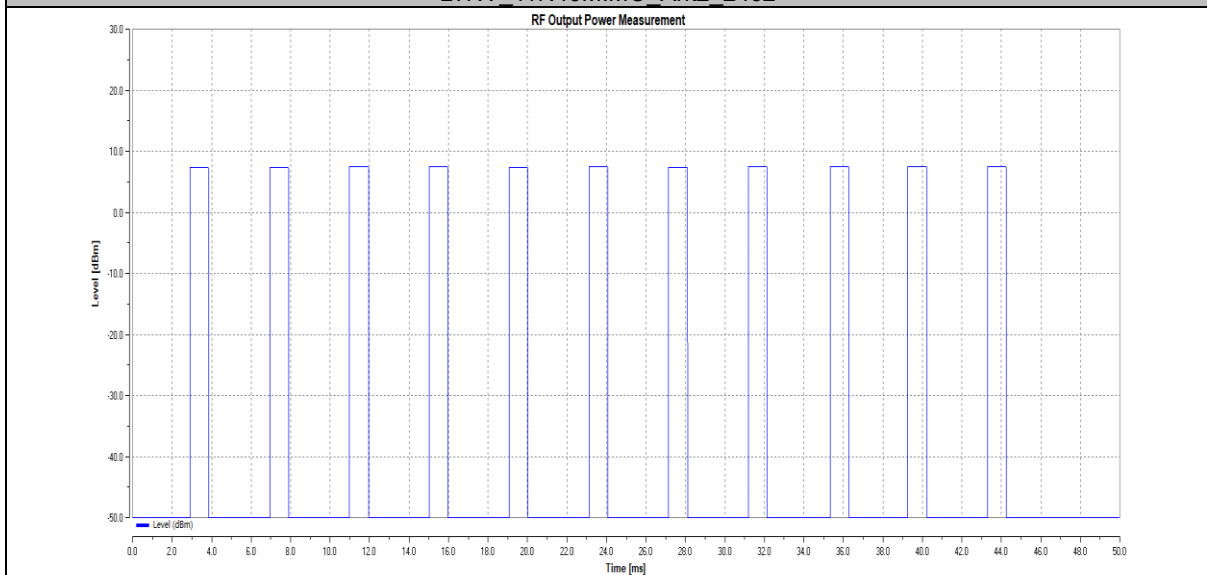
LTNV_11N40MIMO total 2442



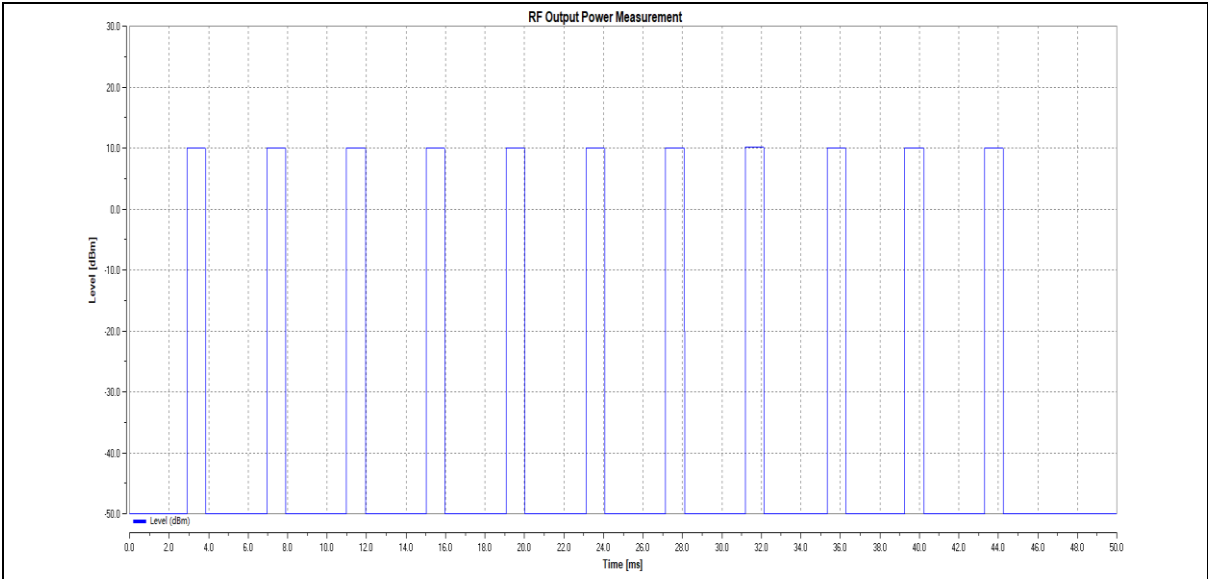
LTNV_11N40MIMO_Ant1_2462



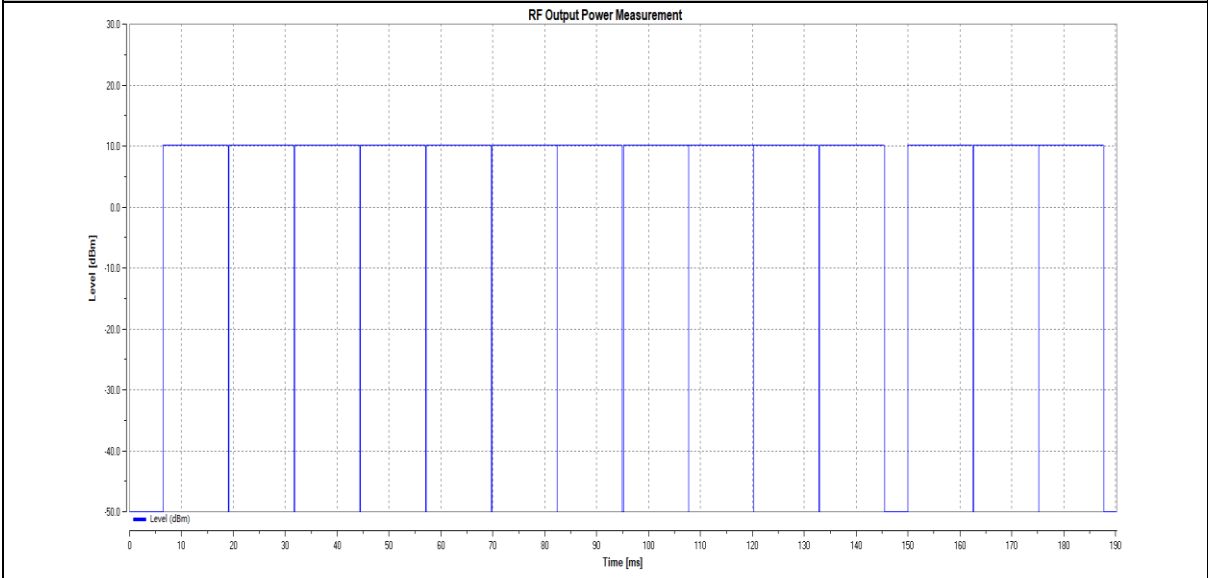
LTNV_11N40MIMO_Ant2_2462



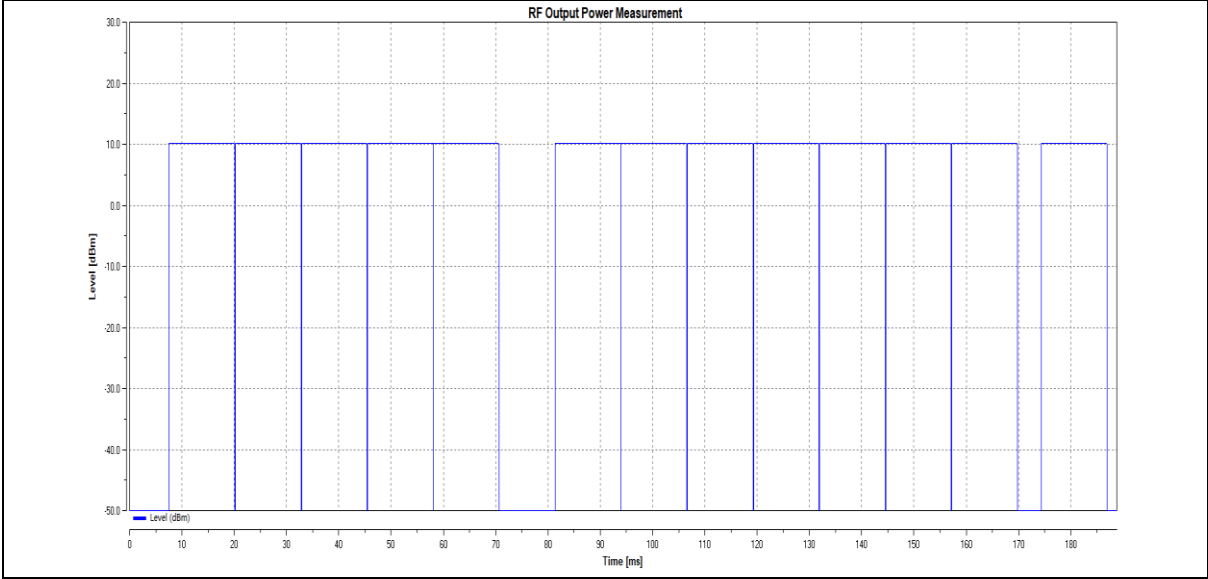
LTNV_11N40MIMO total 2462



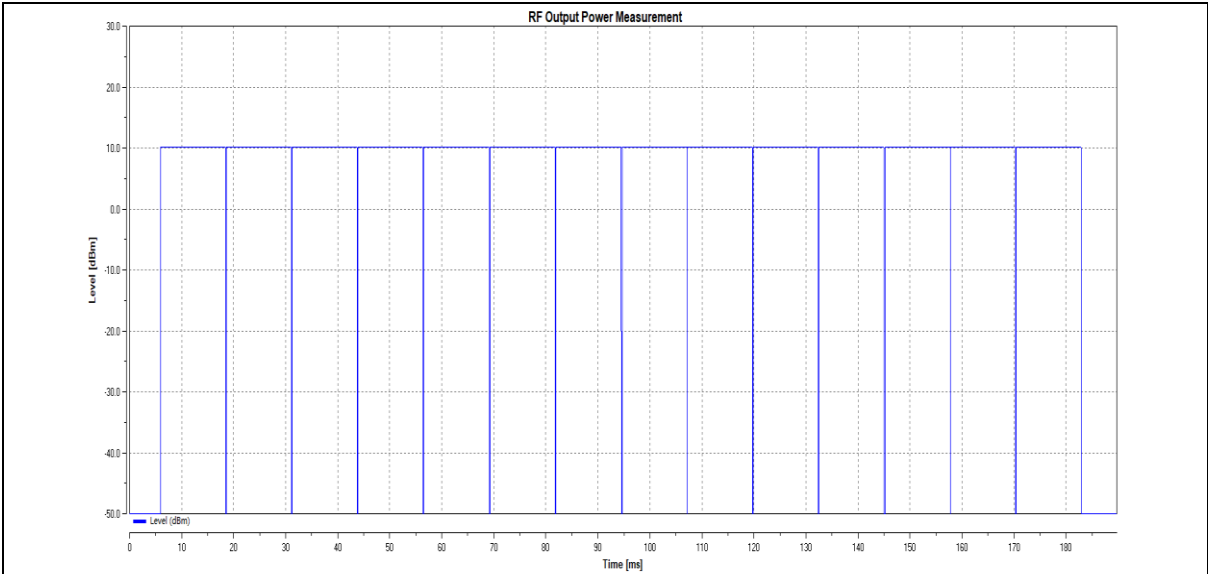
HTNV_11B_Ant1_2412



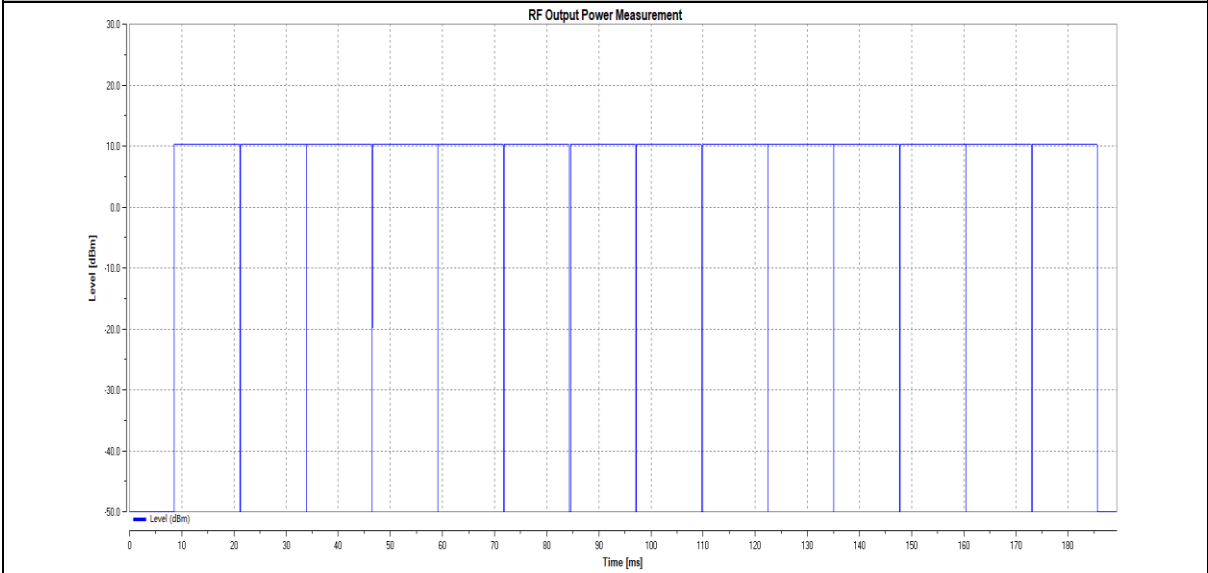
HTNV_11B_Ant2_2412



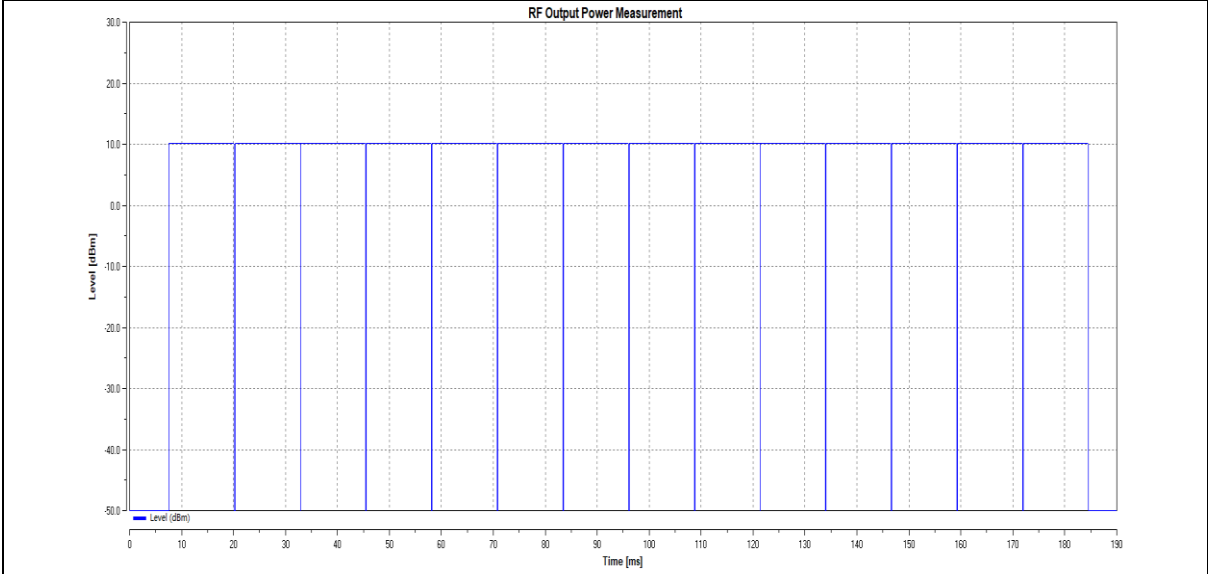
HTNV_11B_Ant1_2442



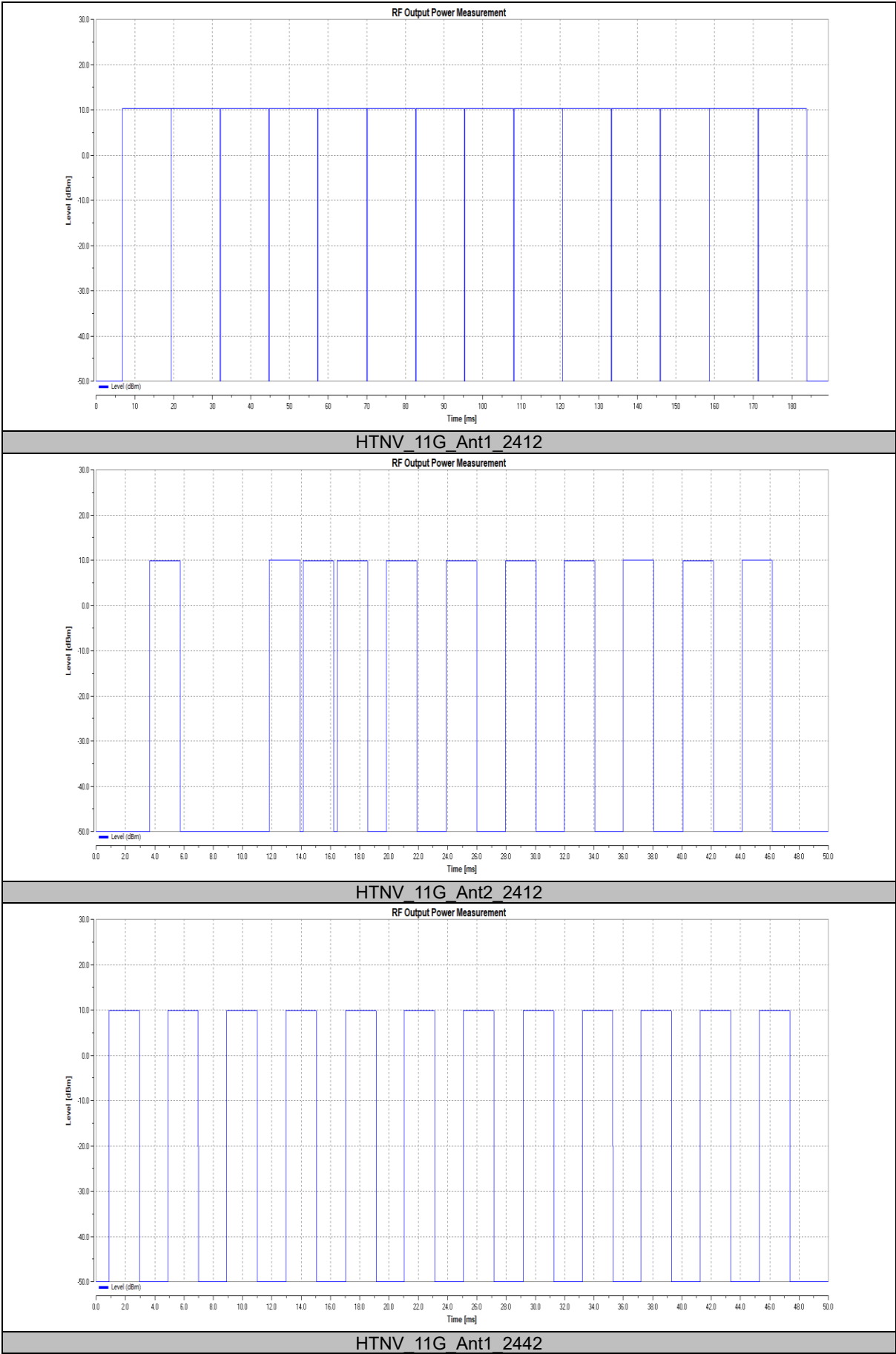
HTNV_11B_Ant2_2442

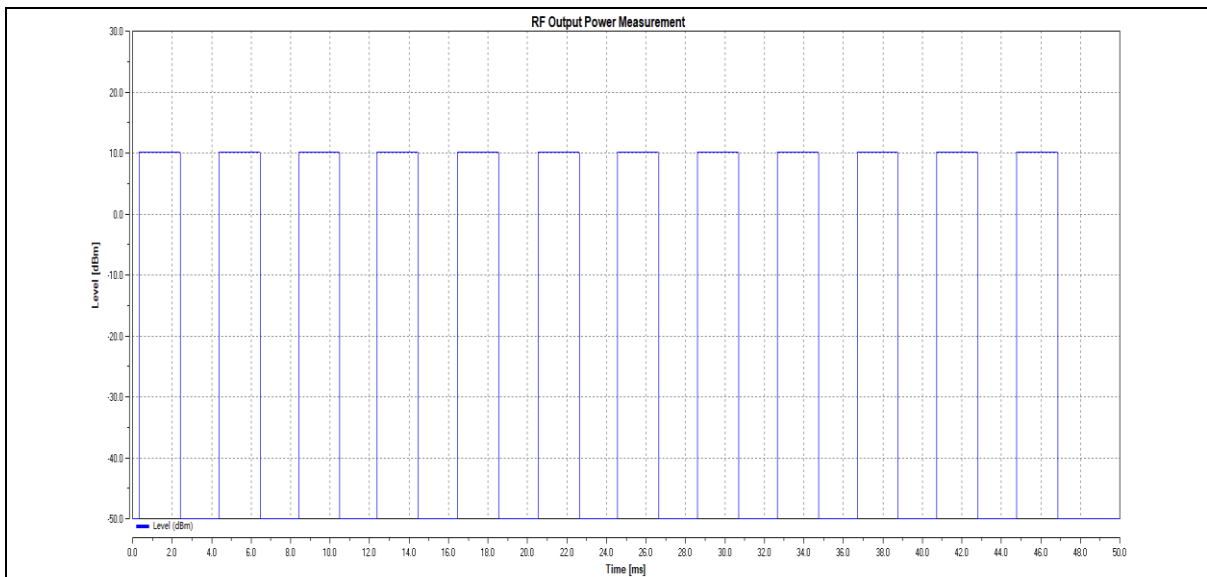


HTNV_11B_Ant1_2472

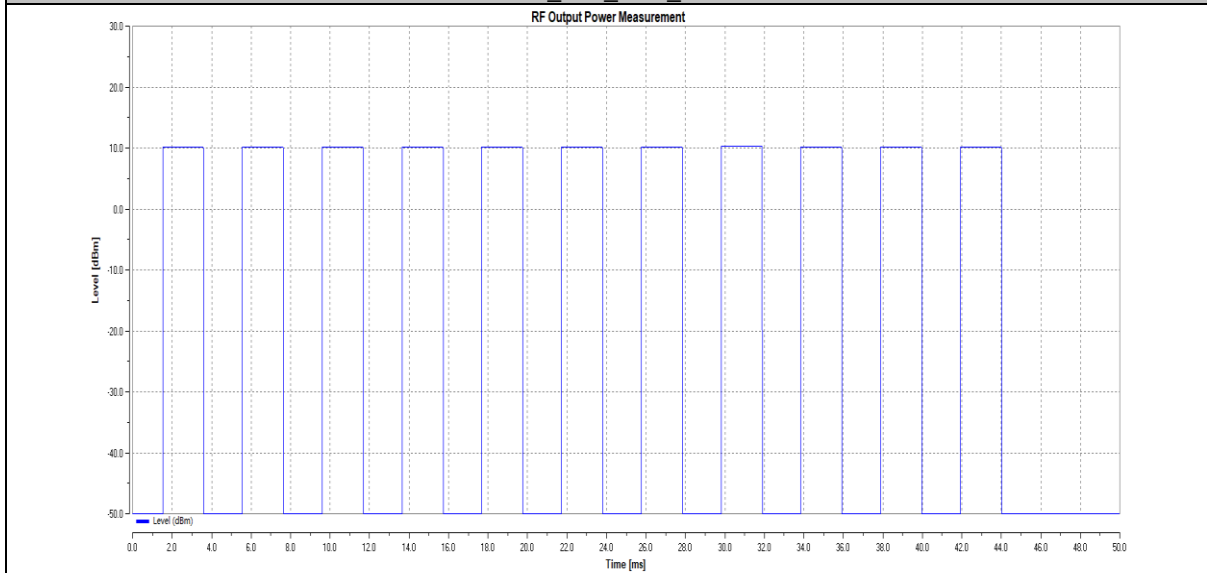


HTNV_11B_Ant2_2472

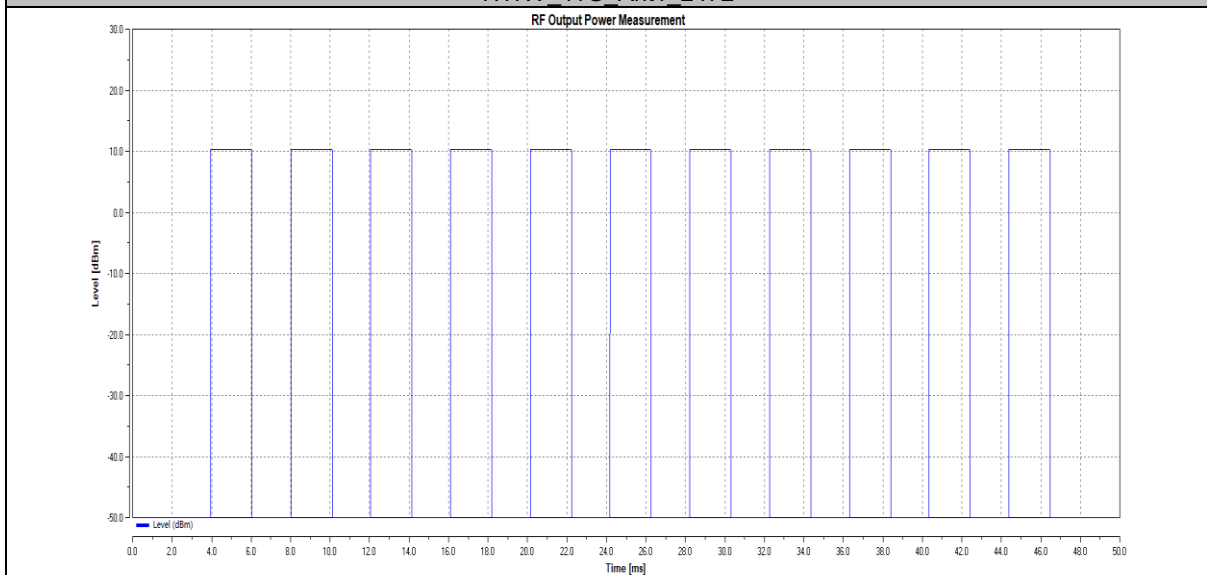




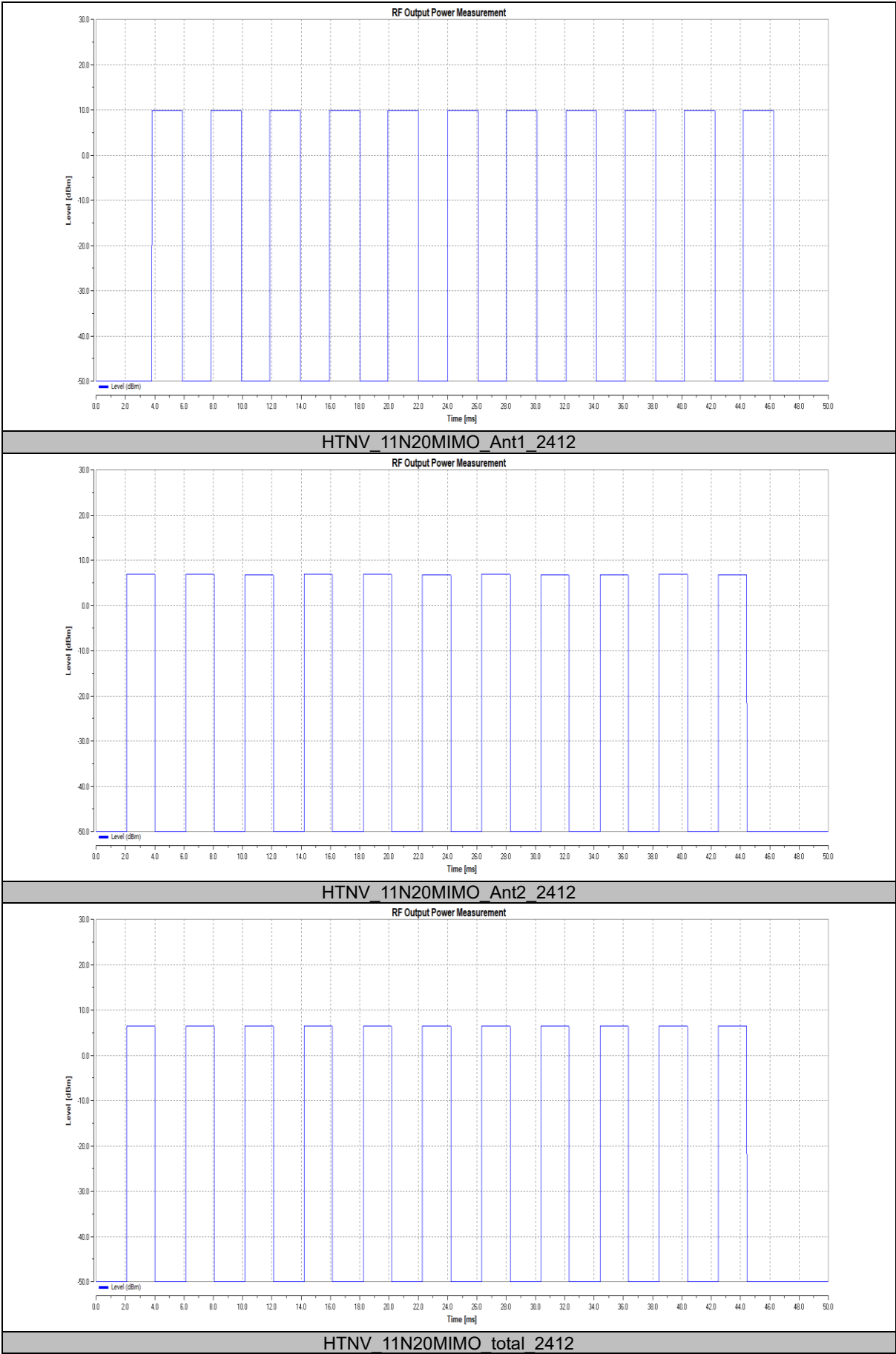
HTNV_11G_Ant2_2442

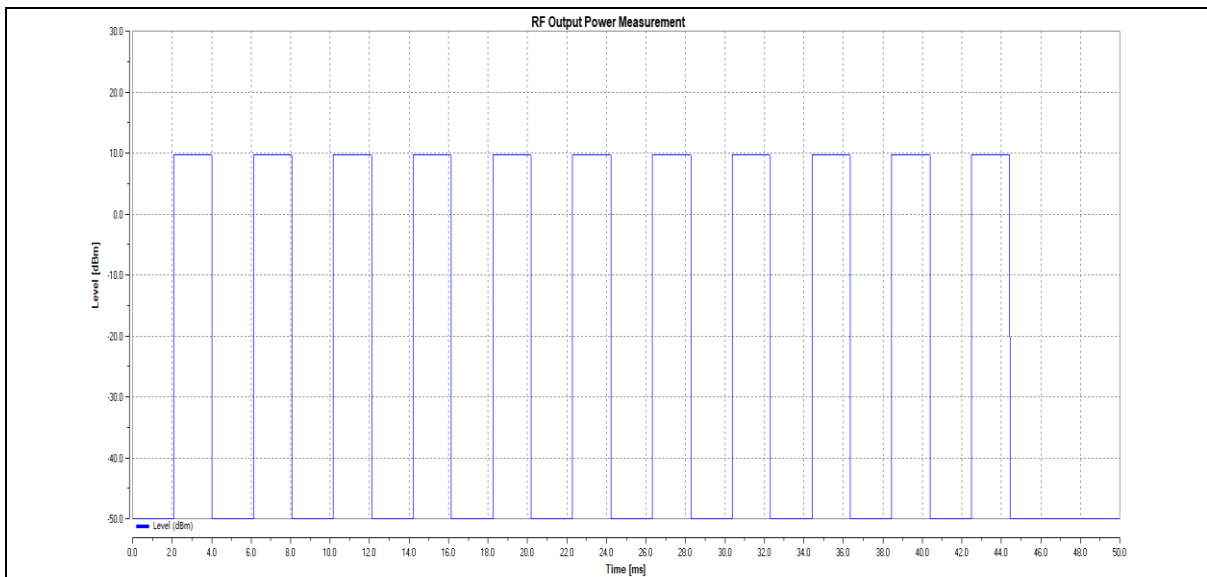


HTNV_11G_Ant1_2472

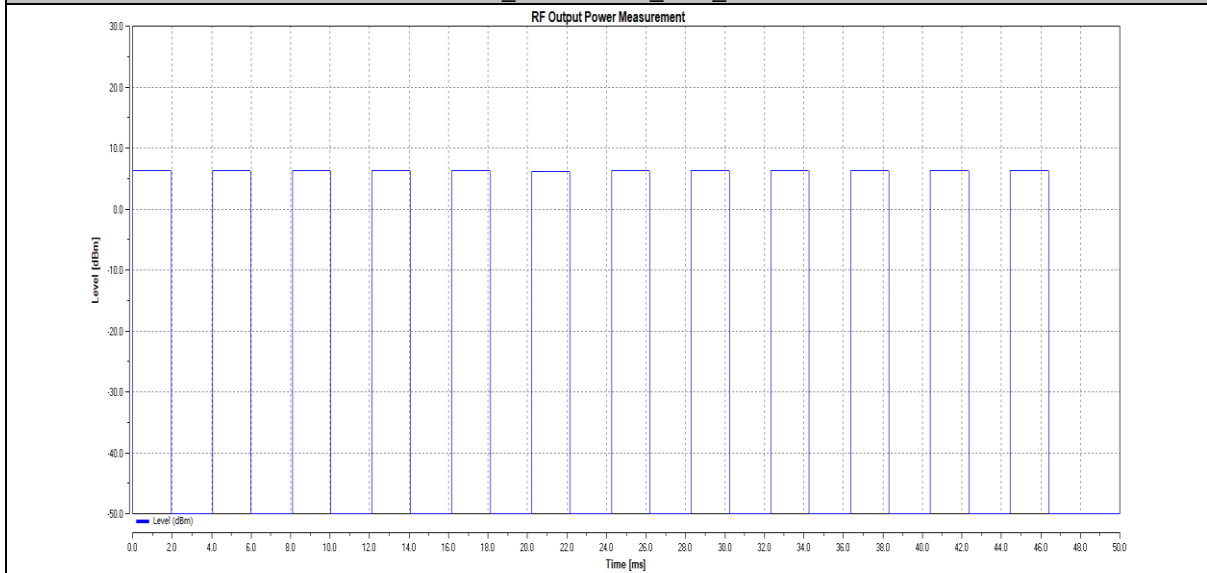


HTNV_11G_Ant2_2472

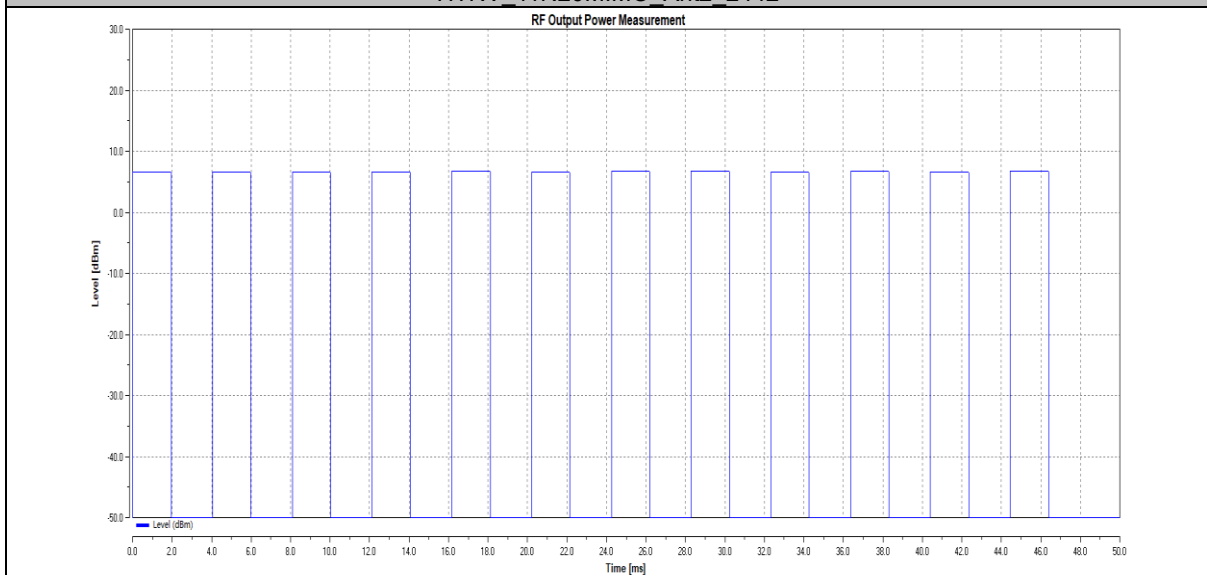




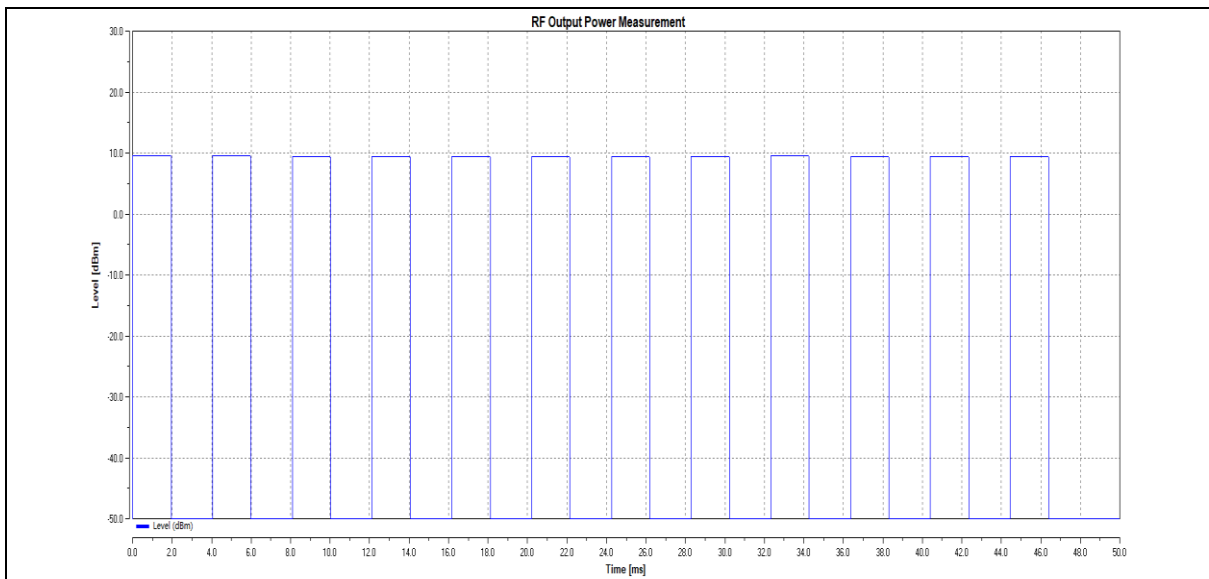
HTNV_11N20MIMO_Ant1_2442



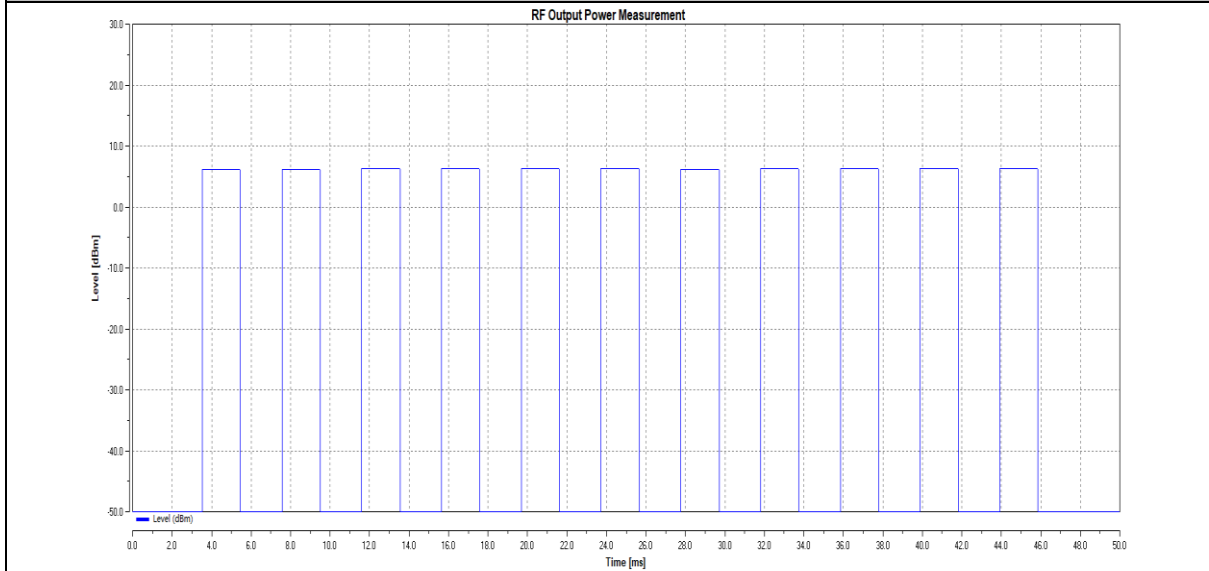
HTNV_11N20MIMO_Ant2_2442



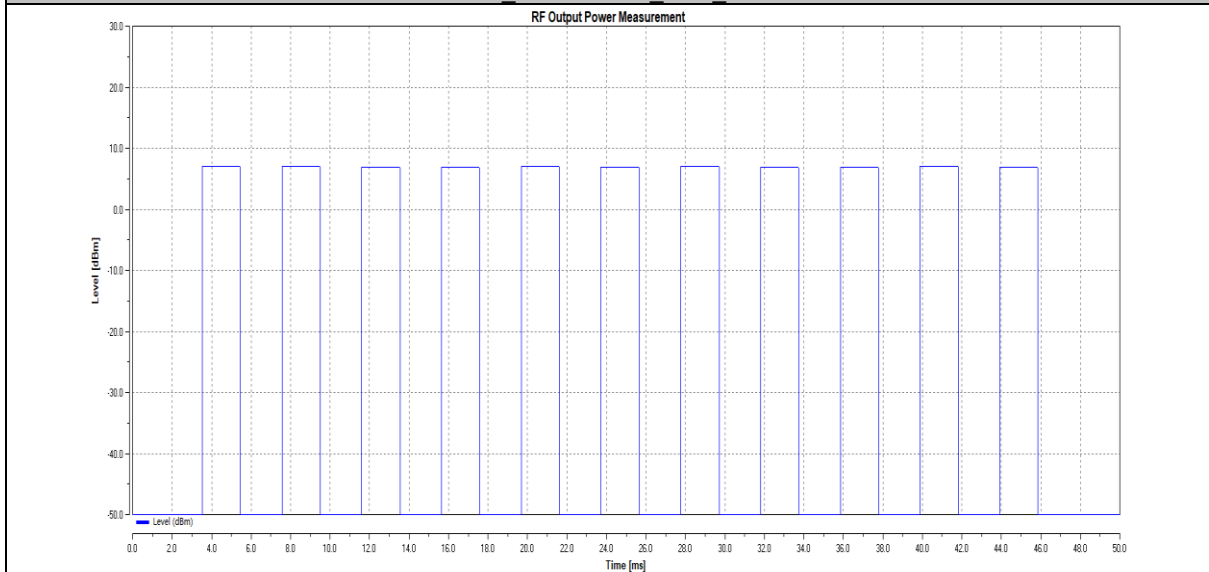
HTNV_11N20MIMO total 2442



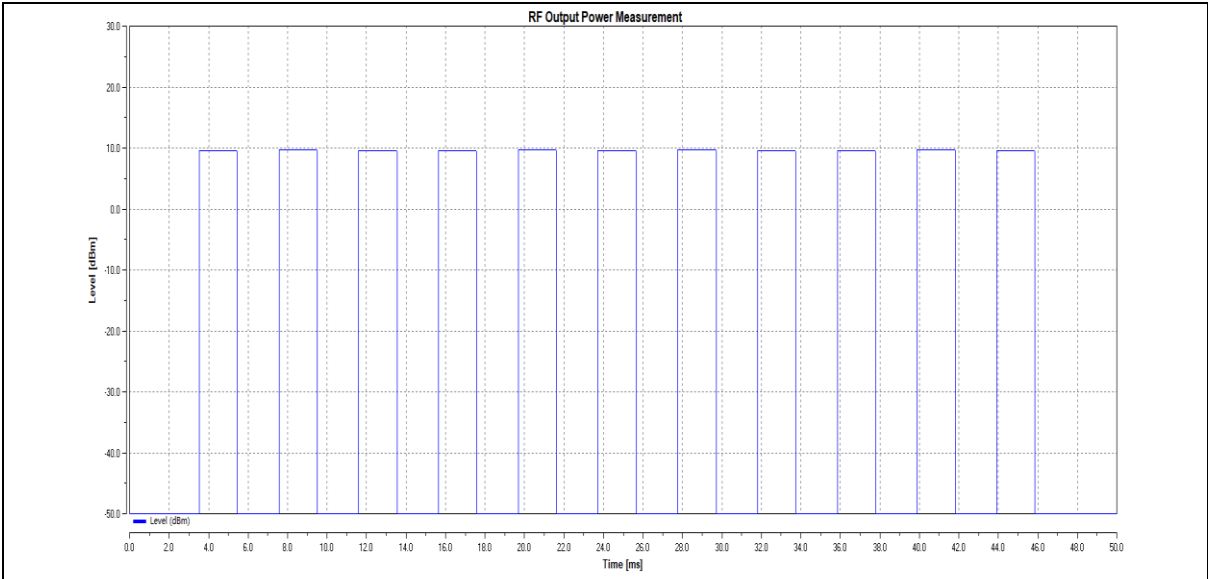
HTNV_11N20MIMO_Ant1_2472



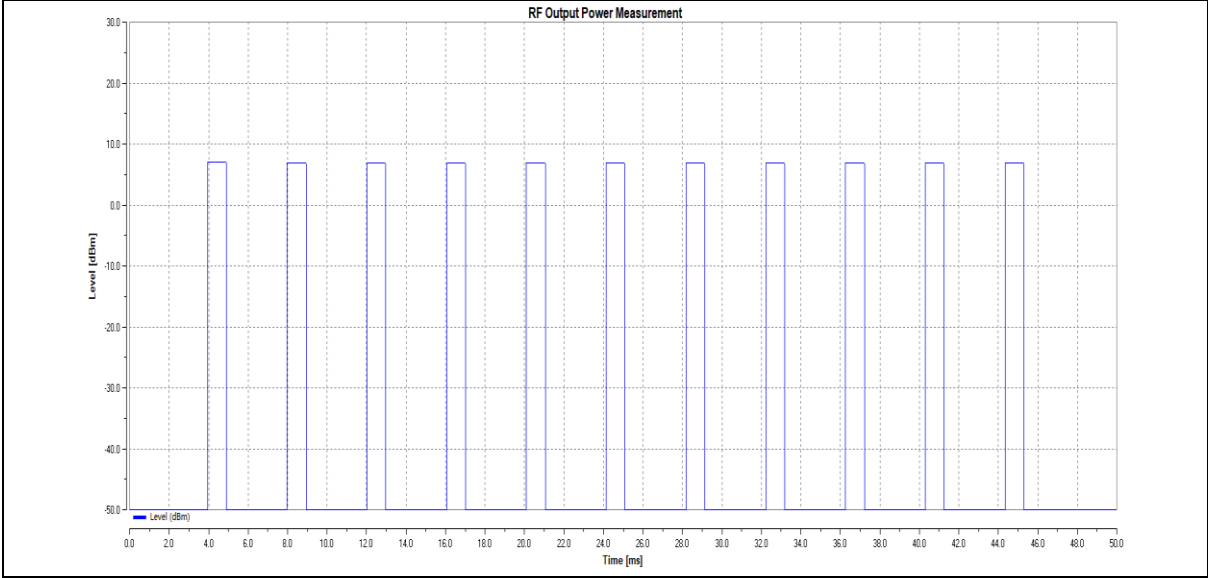
HTNV_11N20MIMO_Ant2_2472



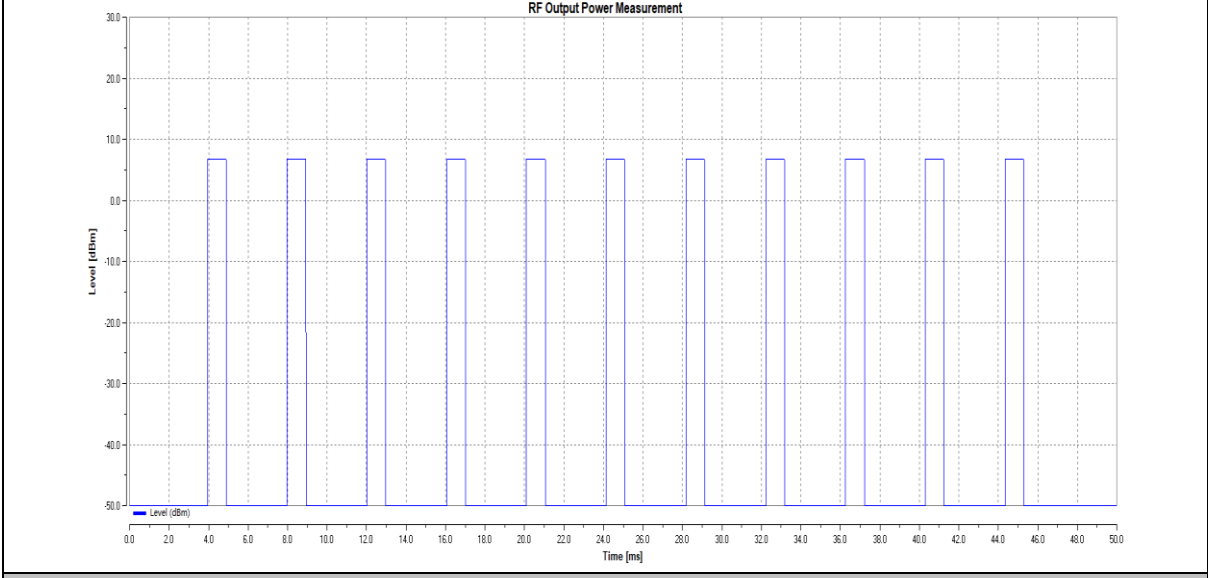
HTNV_11N20MIMO total 2472



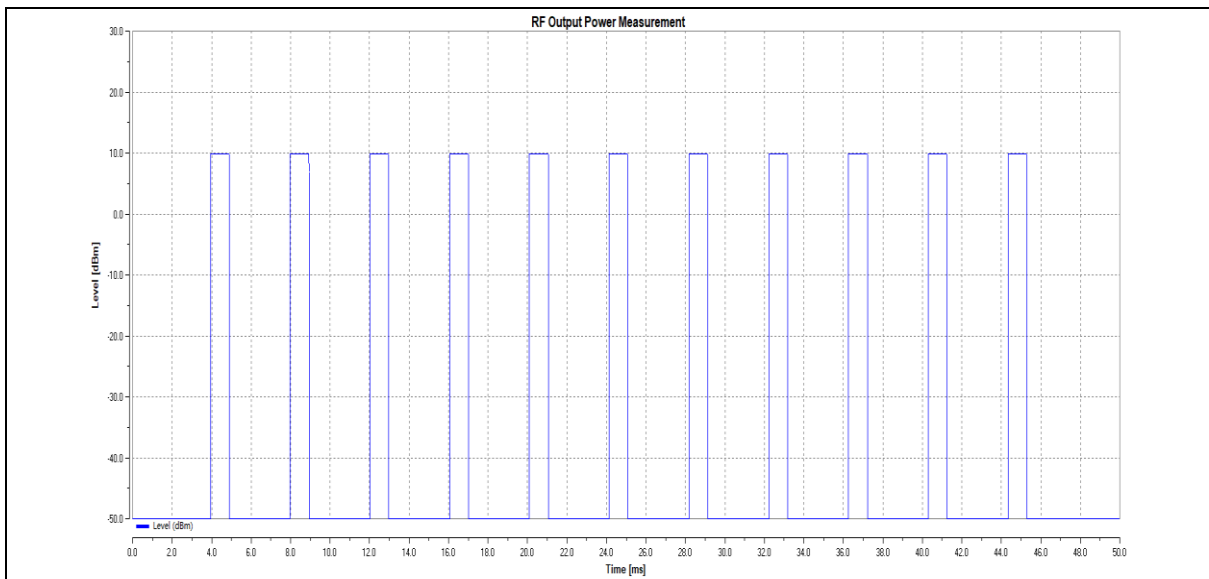
HTNV_11N40MIMO_Ant1_2422



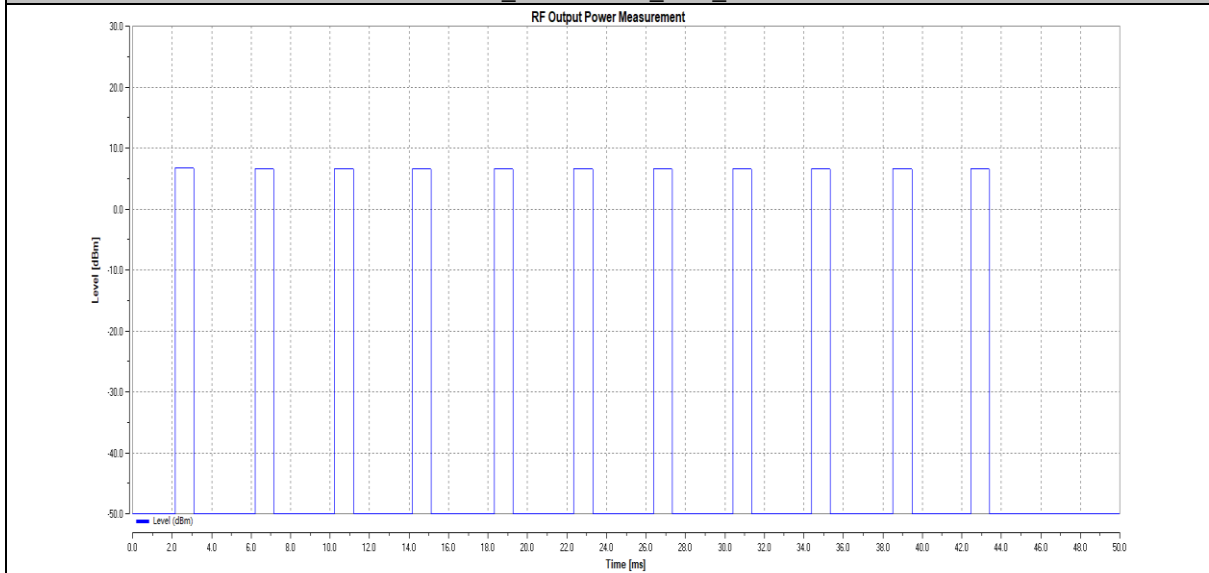
HTNV_11N40MIMO_Ant2_2422



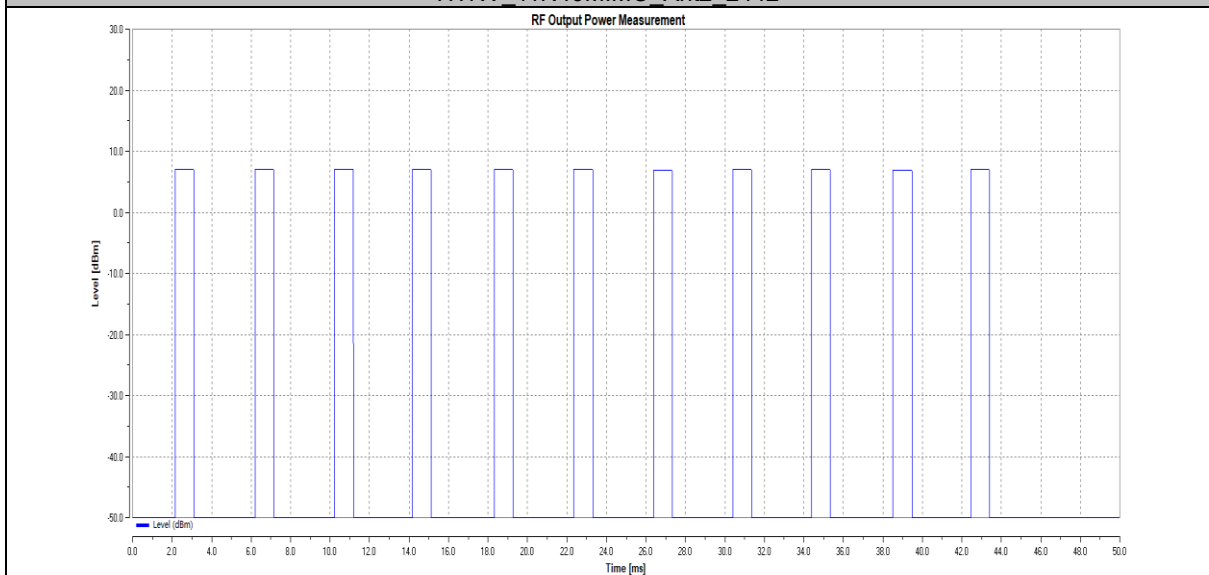
HTNV_11N40MIMO total 2422



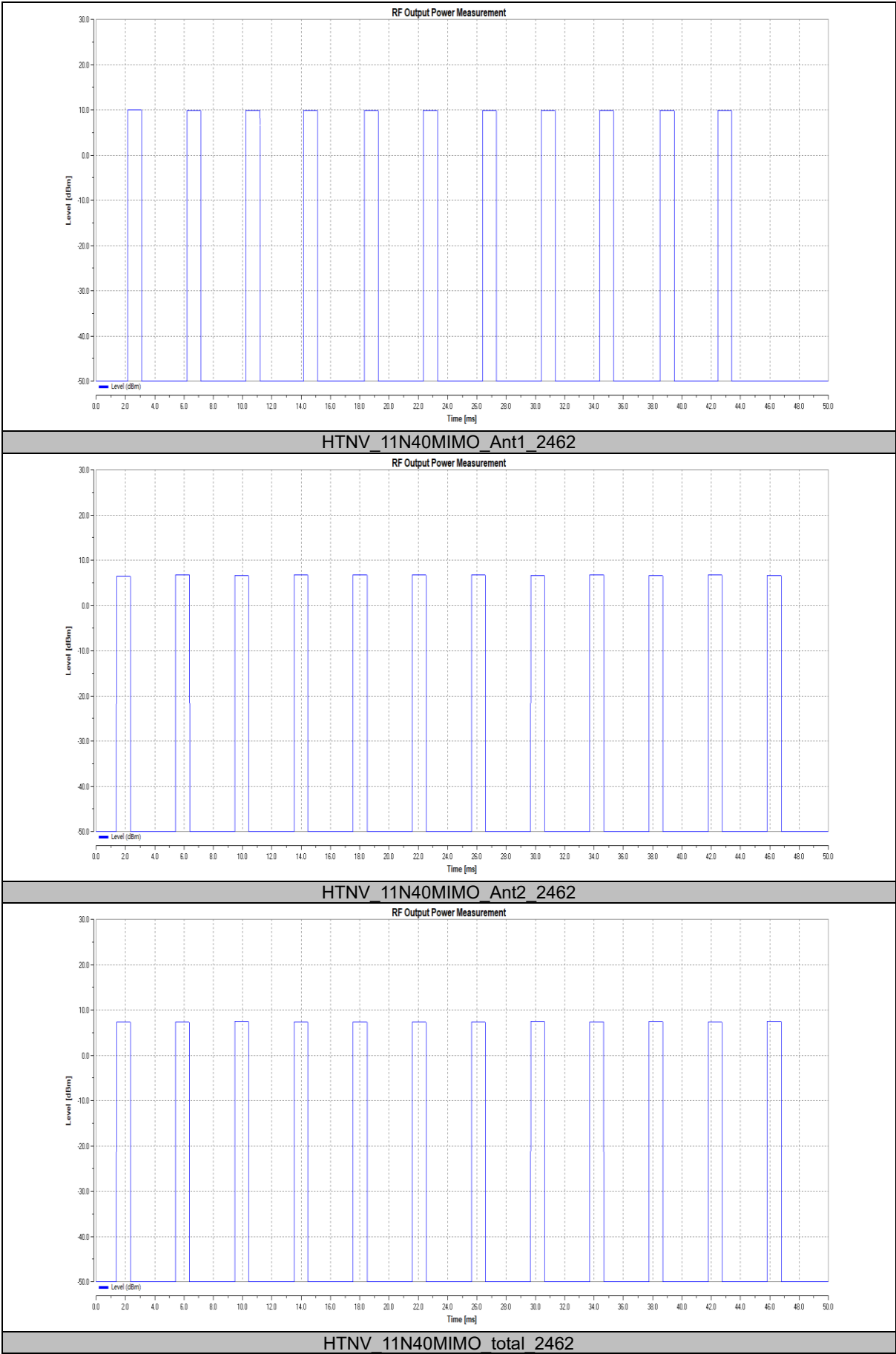
HTNV_11N40MIMO_Ant1_2442

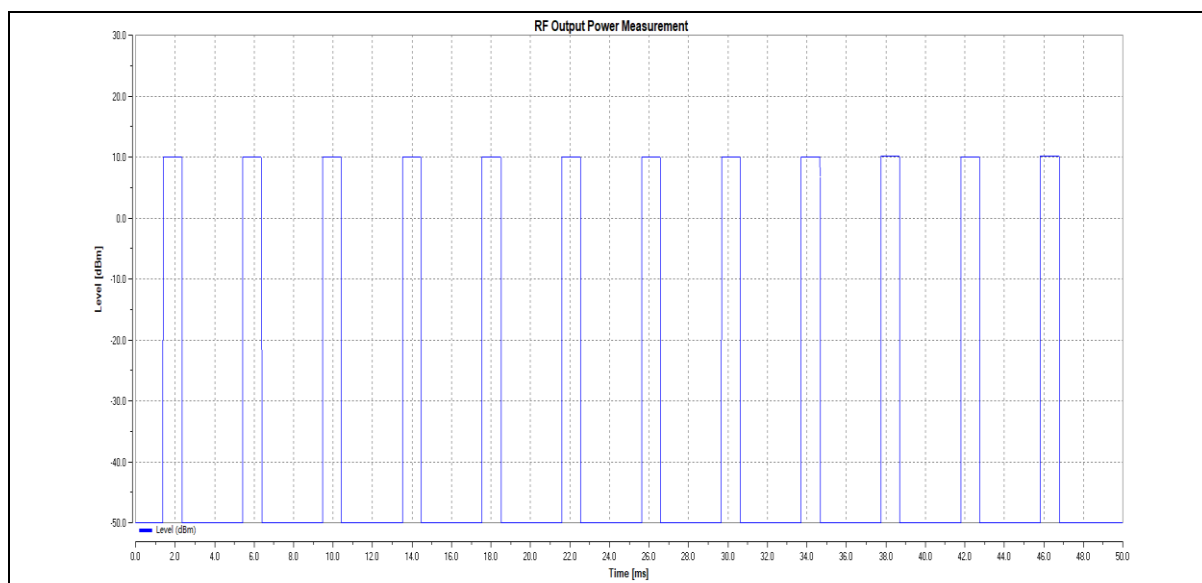


HTNV_11N40MIMO_Ant2_2442



HTNV_11N40MIMO total 2442





7. Power Spectral Density

Test Method: ETSI EN 300328 Sub clause 5.4.3

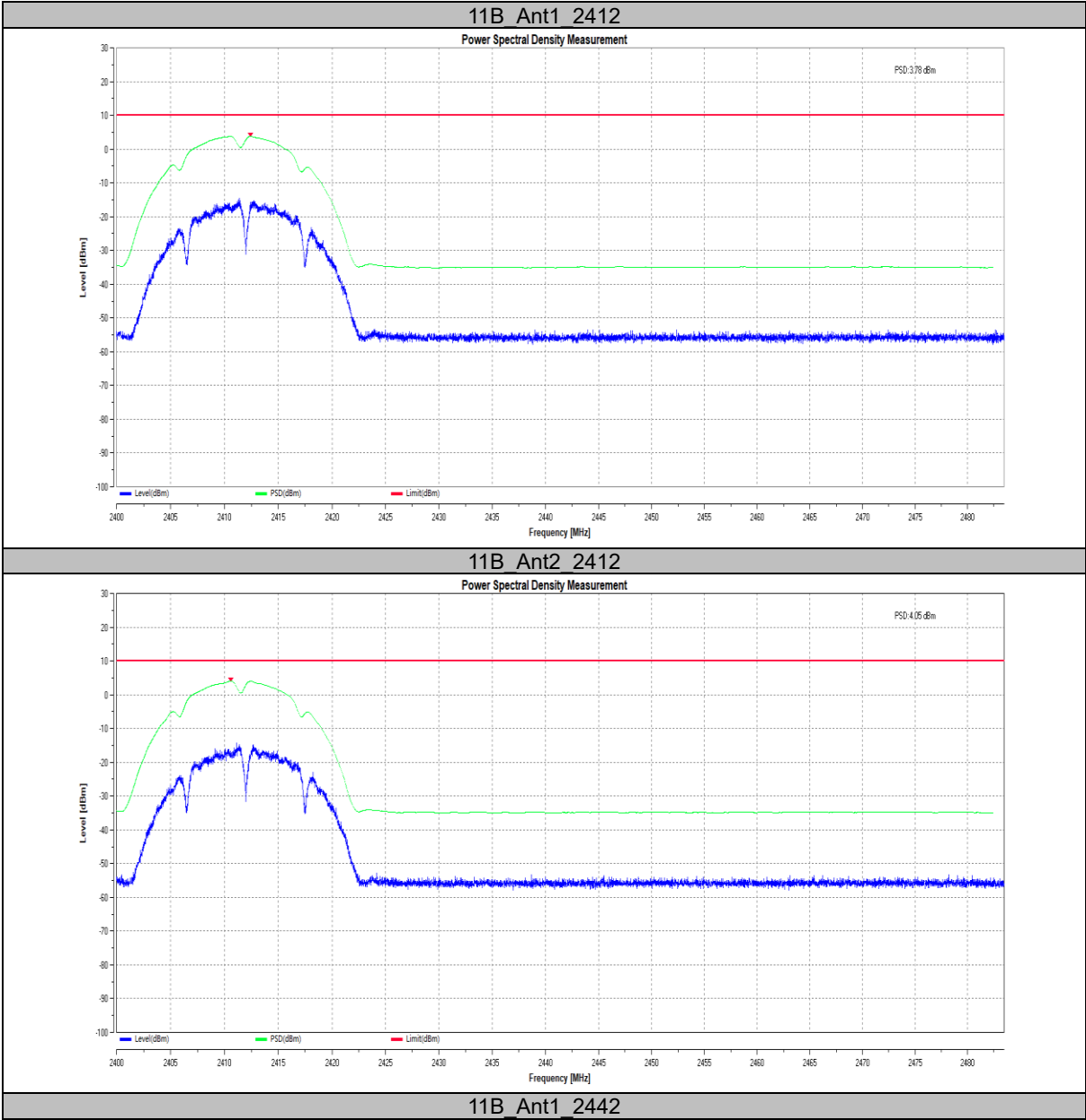
7.1 Limits:

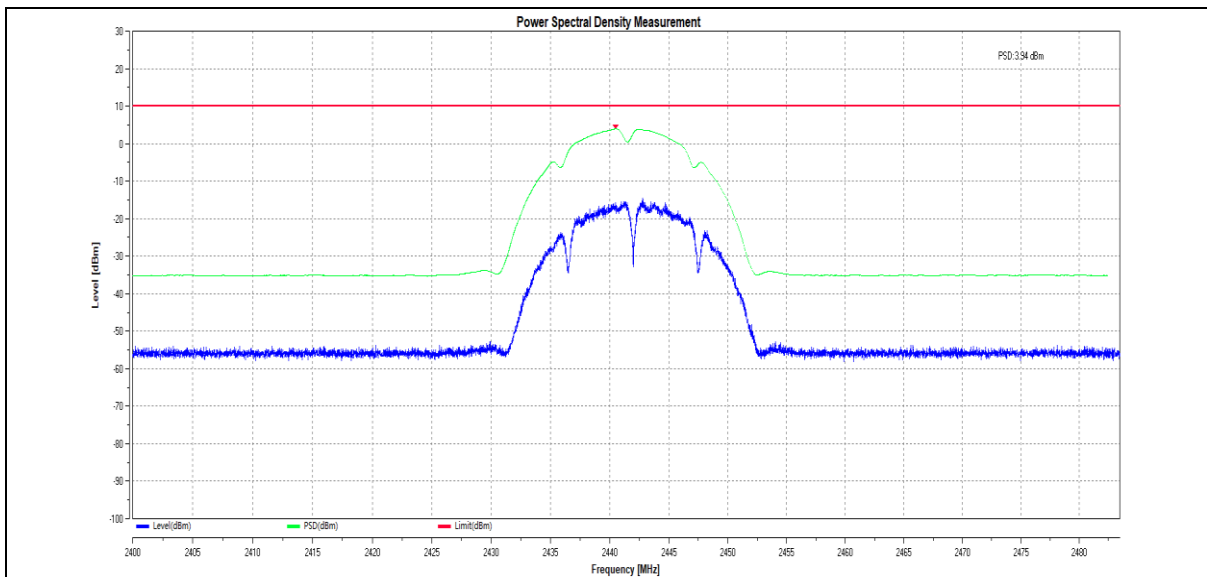
ETSI EN300 328 Sub clause 4.3.2.3.3	10dBm/MHz
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7.2 Result:

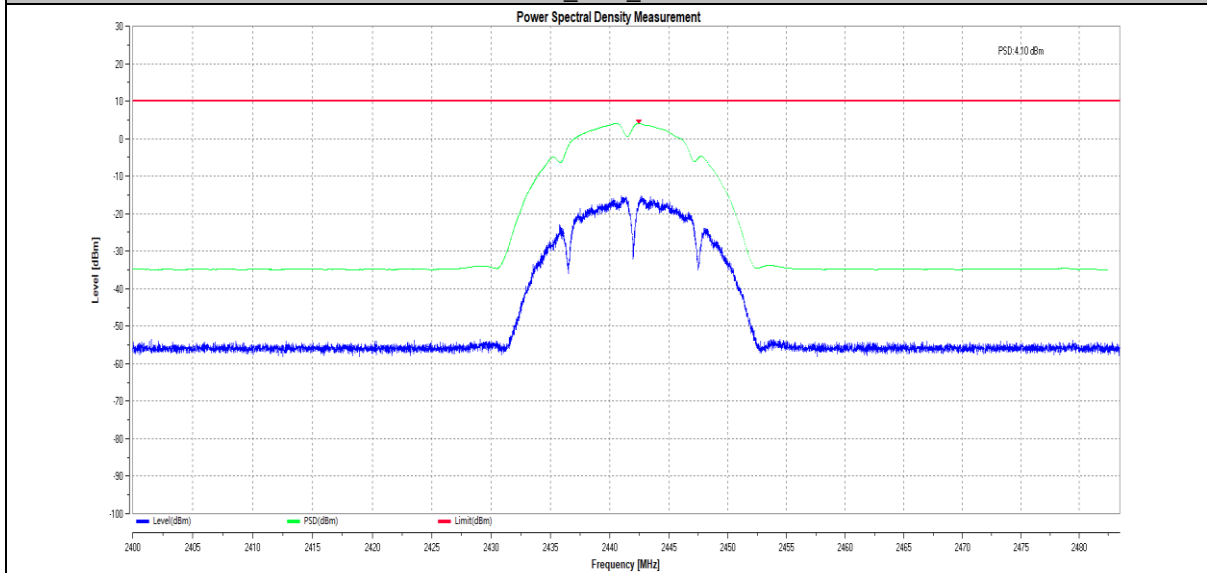
Test Mode	Antenna	Freq(MHz)	EIRP PSD[dBm/MHz]	Limit[dBm/MHz]	Verdict
11B	Ant1	2412	3.78	10	PASS
	Ant2	2412	4.05	10	PASS
	Ant1	2442	3.94	10	PASS
	Ant2	2442	4.10	10	PASS
	Ant1	2472	3.83	10	PASS
	Ant2	2472	4.12	10	PASS
11G	Ant1	2412	0.69	10	PASS
	Ant2	2412	0.70	10	PASS
	Ant1	2442	0.79	10	PASS
	Ant2	2442	1.19	10	PASS
	Ant1	2472	1.15	10	PASS
	Ant2	2472	0.95	10	PASS
11N20MIMO	Ant1	2412	-2.31	10	PASS
	Ant2	2412	-2.90	10	PASS
	total	2412	0.41	10	PASS
	Ant1	2442	-2.95	10	PASS
	Ant2	2442	-2.59	10	PASS
	total	2442	0.15	10	PASS
	Ant1	2472	-2.94	10	PASS
	Ant2	2472	-2.26	10	PASS
	total	2472	0.44	10	PASS
11N40MIMO	Ant1	2422	-5.03	10	PASS
	Ant2	2422	-5.58	10	PASS
	total	2422	-2.30	10	PASS
	Ant1	2442	-5.68	10	PASS
	Ant2	2442	-5.07	10	PASS
	total	2442	-2.34	10	PASS
	Ant1	2462	-5.65	10	PASS
	Ant2	2462	-4.83	10	PASS
	total	2462	-2.26	10	PASS

7.3 Test Graph

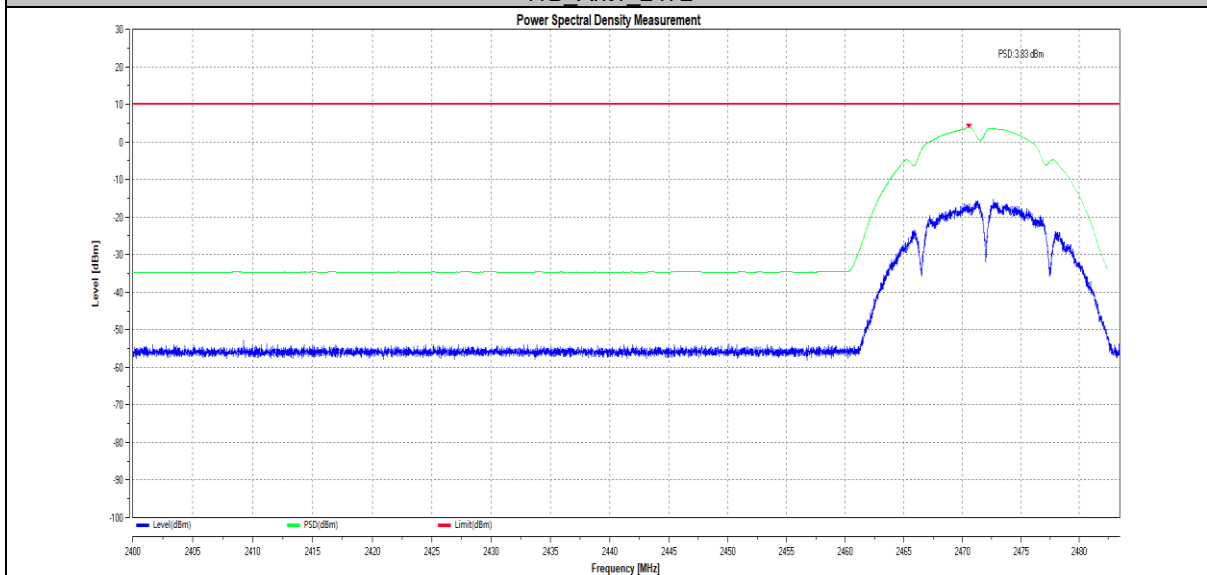




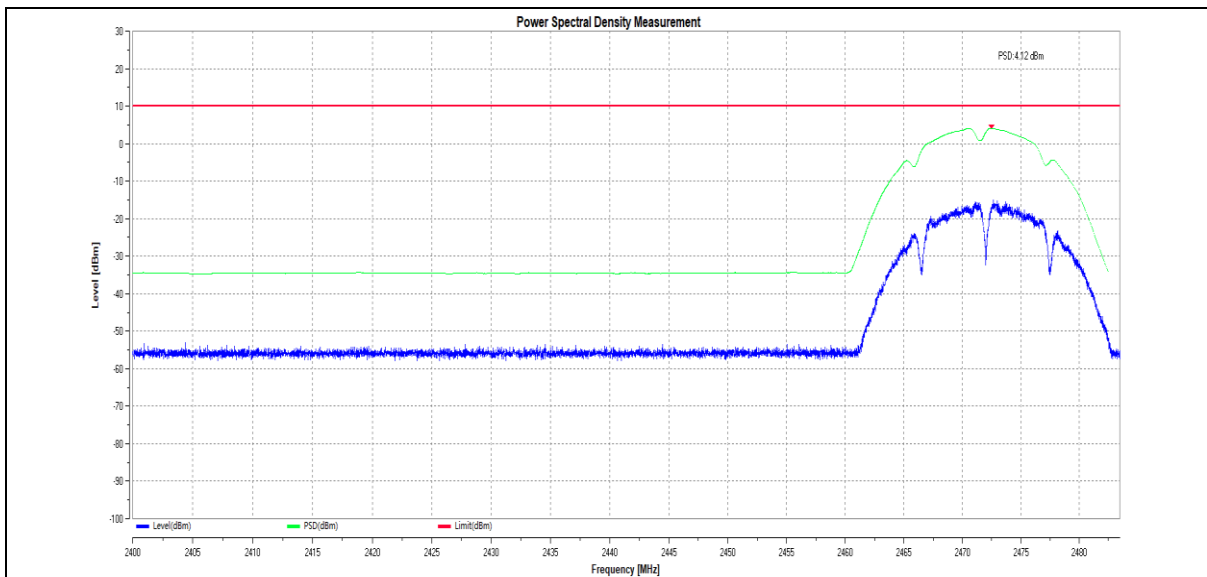
11B_Ant2_2442



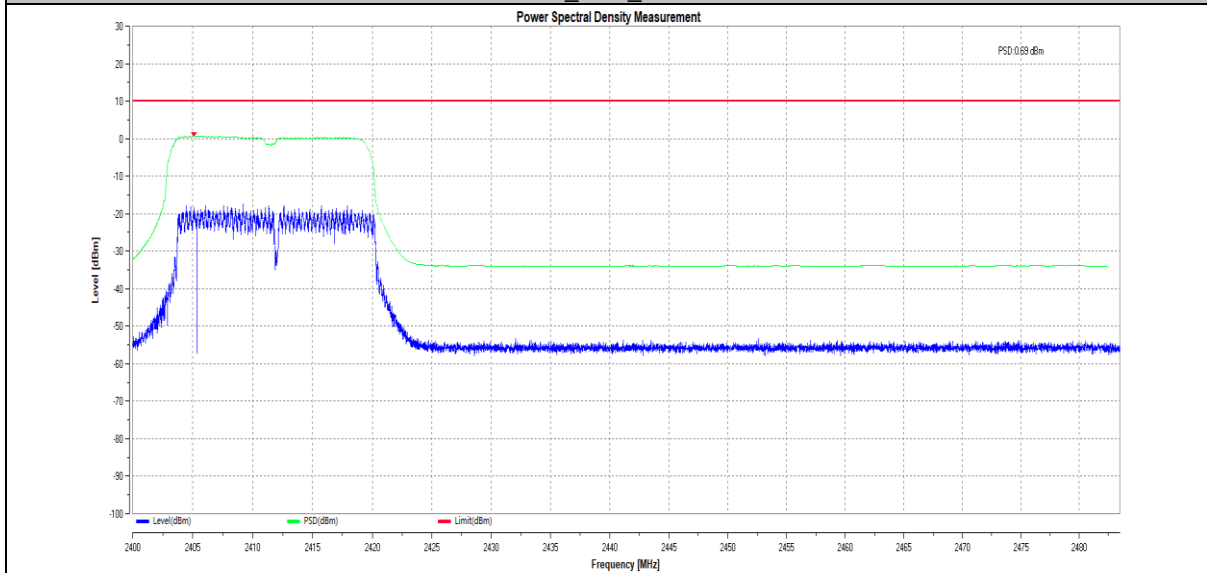
11B_Ant1_2472



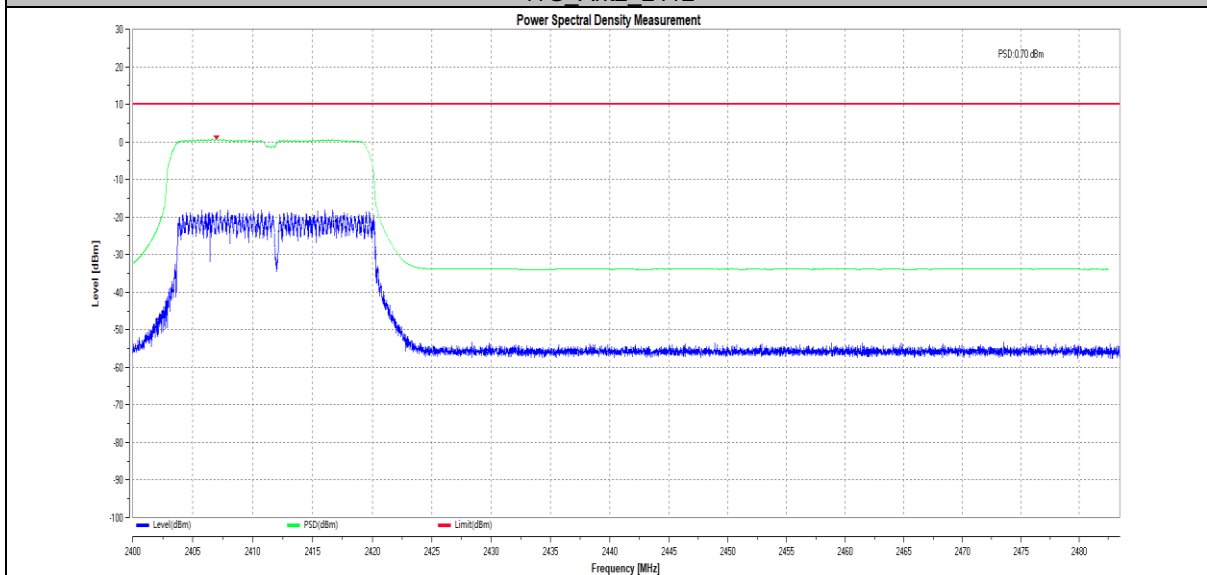
11B_Ant2_2472



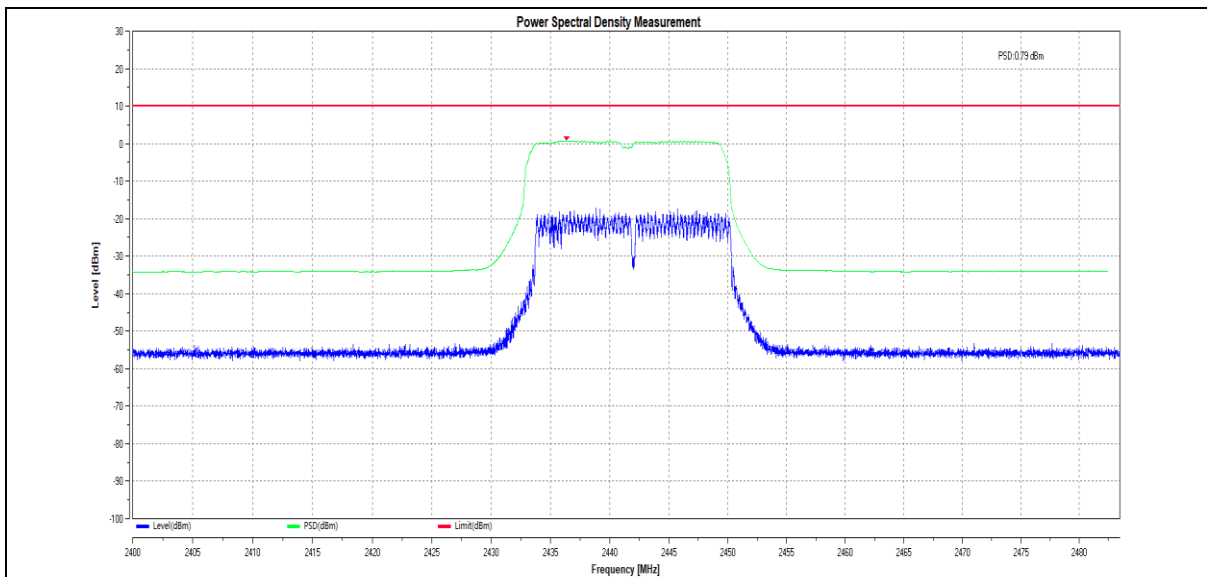
11G_Ant1_2412



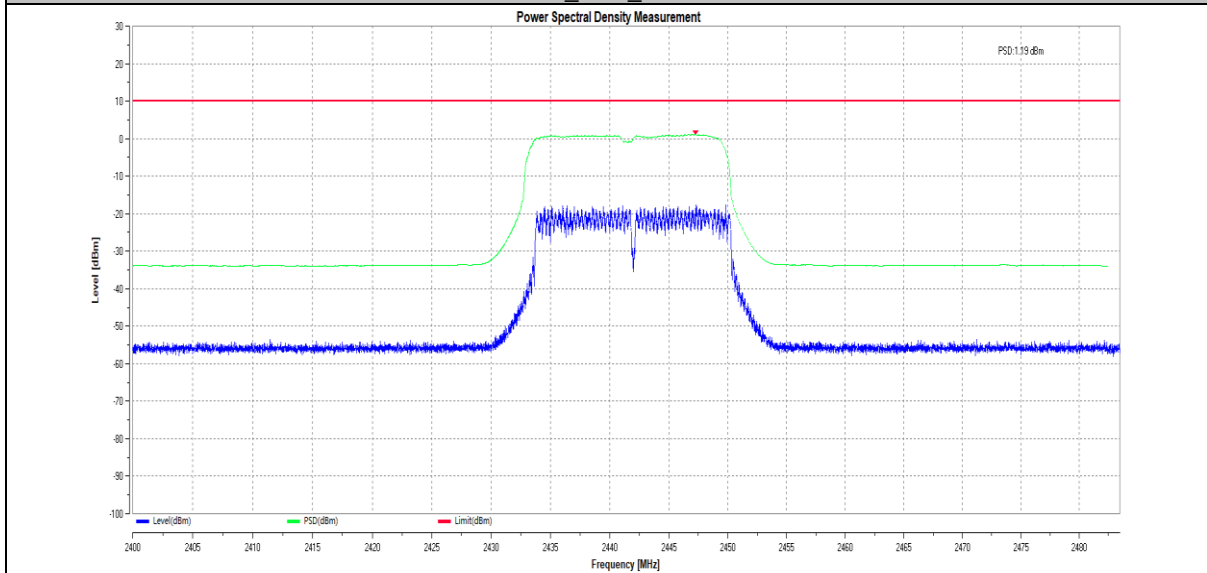
11G_Ant2_2412



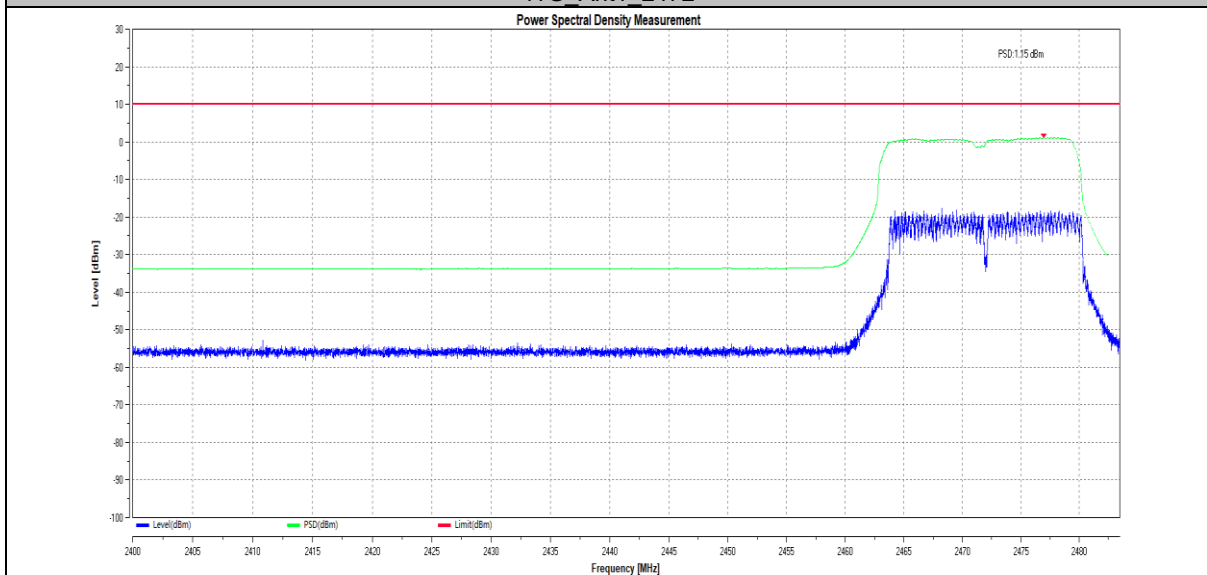
11G_Ant1_2442



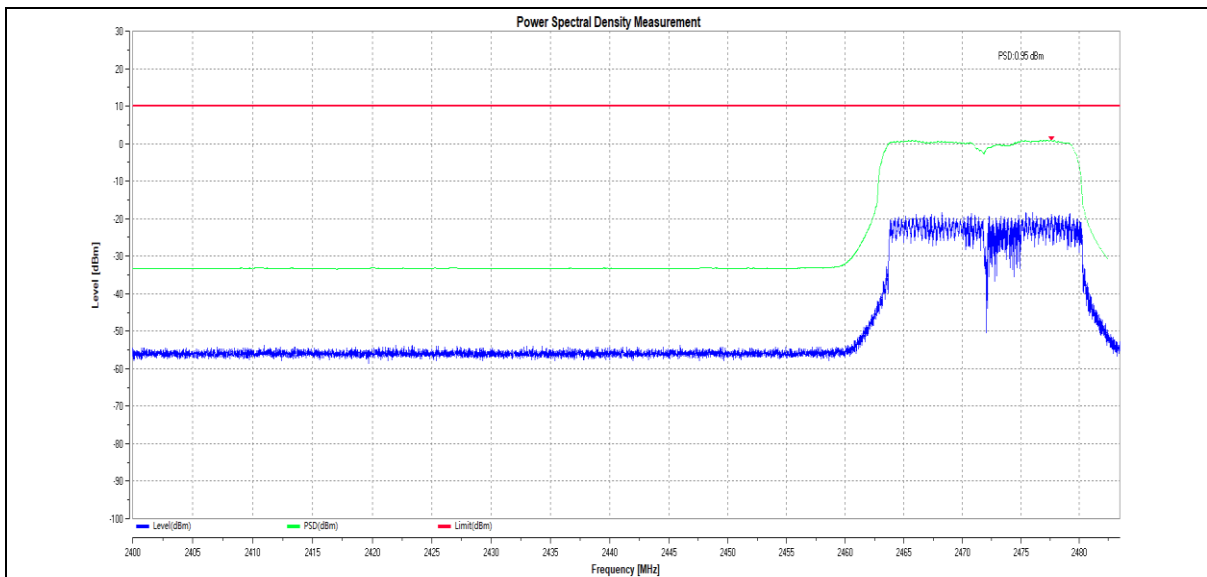
11G_Ant2_2442



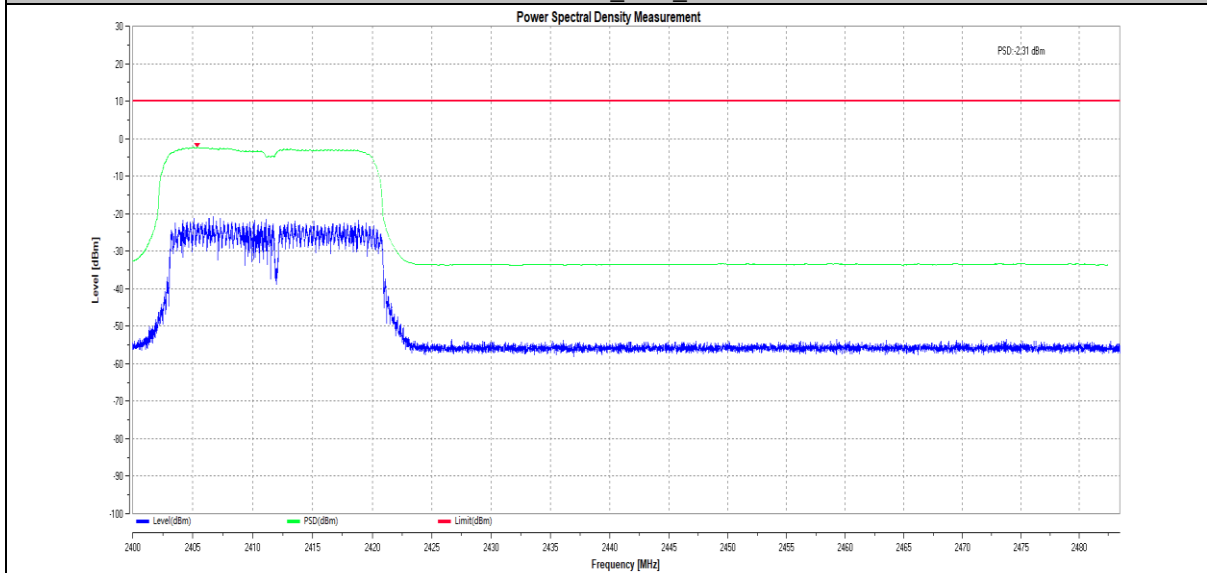
11G_Ant1_2472



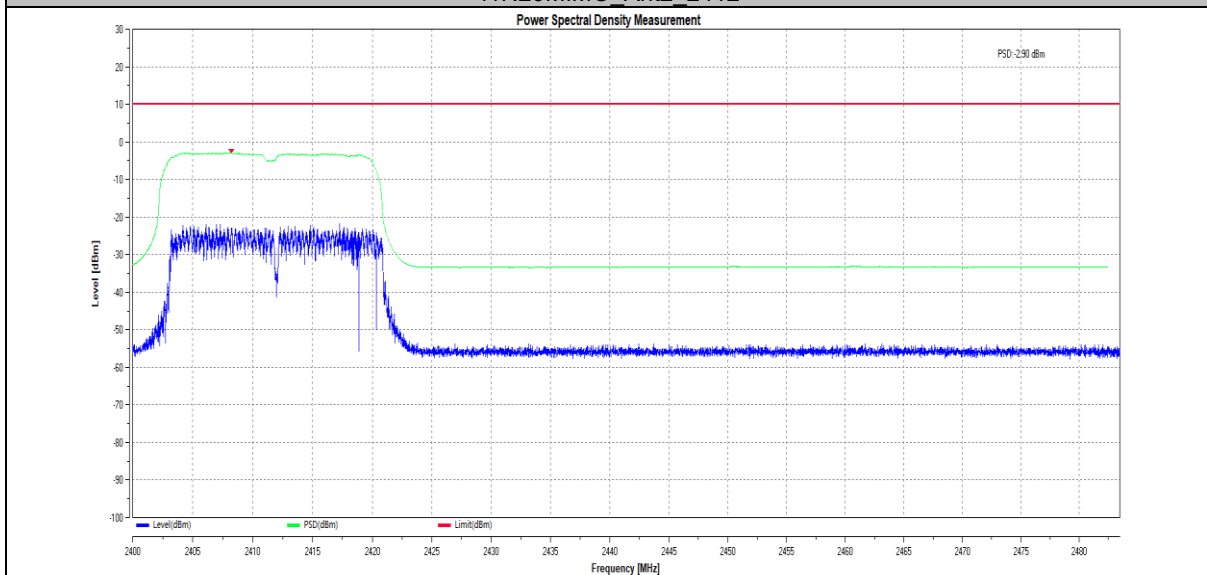
11G_Ant2_2472



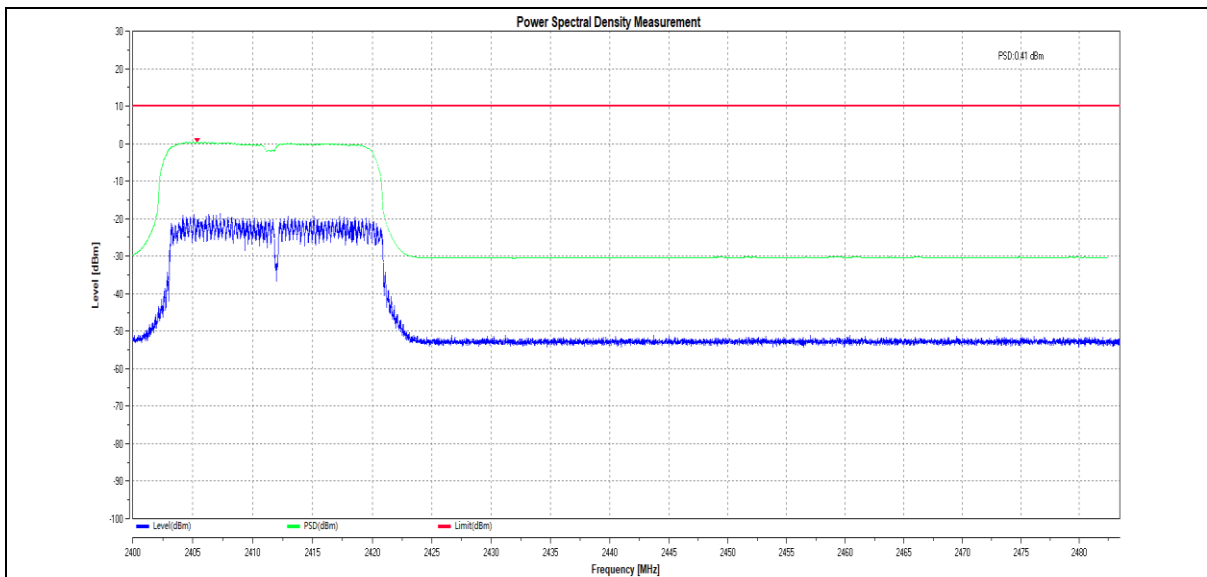
11N20MIMO_Ant1_2412



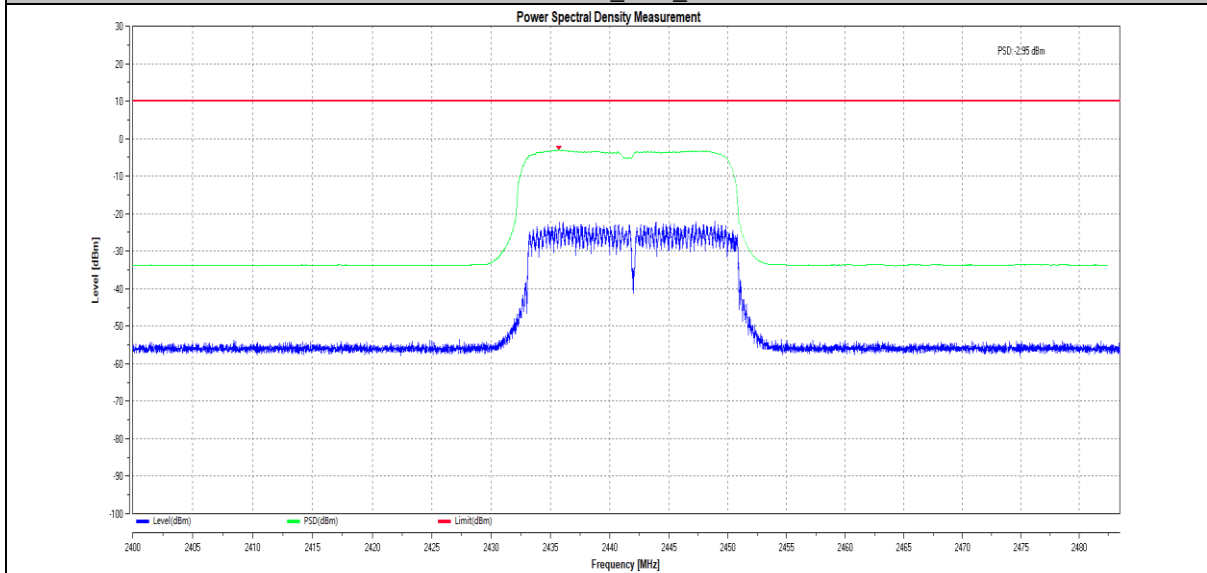
11N20MIMO_Ant2_2412



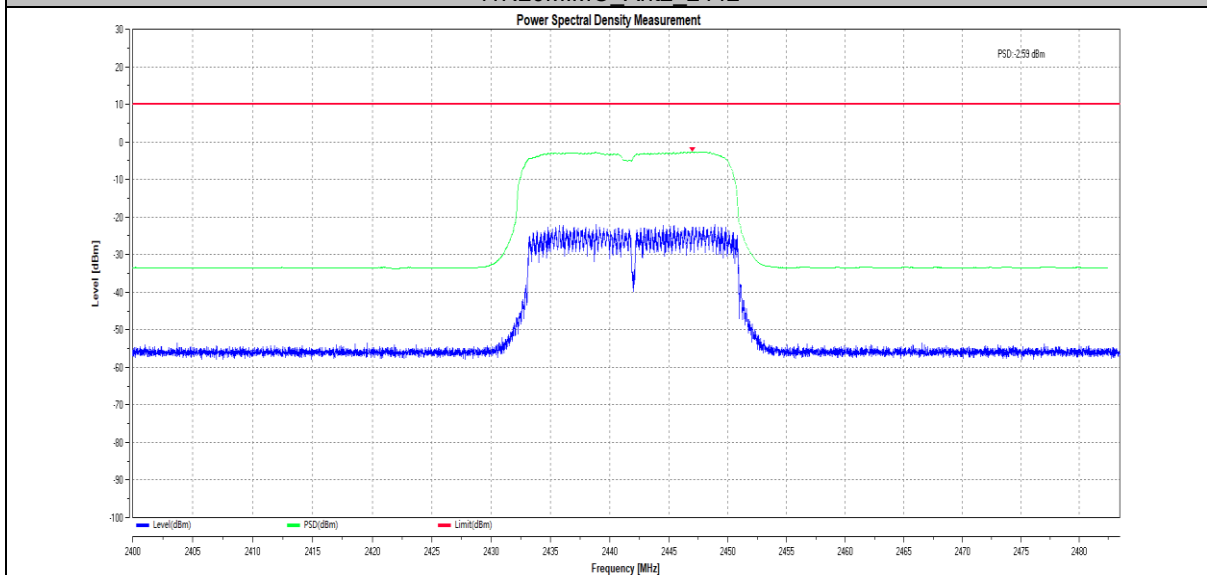
11N20MIMO total 2412



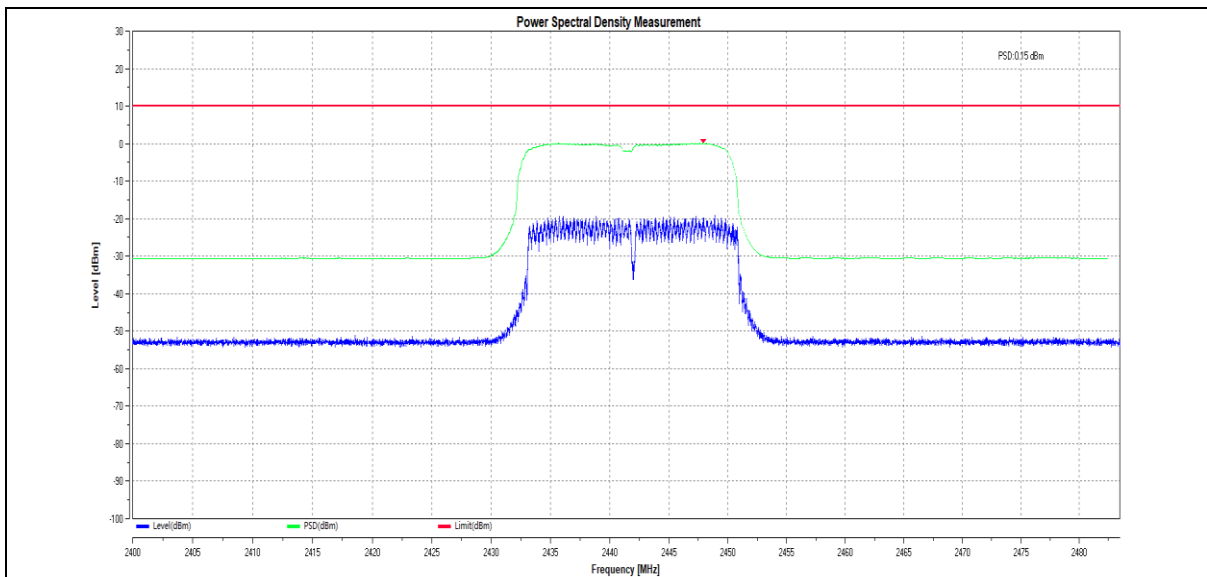
11N20MIMO_Ant1_2442



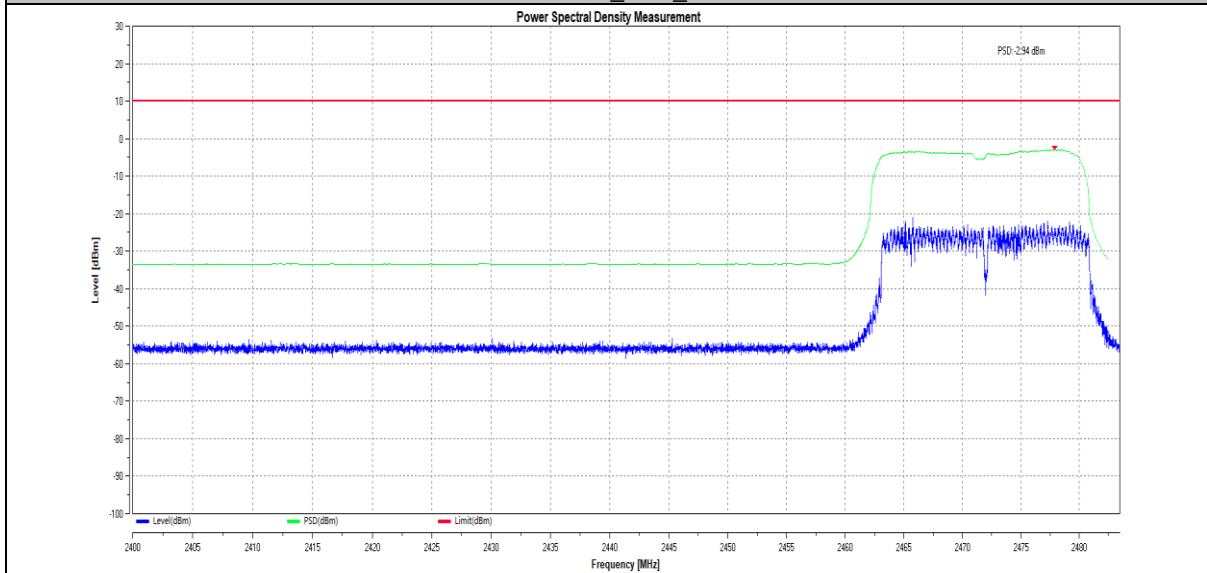
11N20MIMO_Ant2_2442



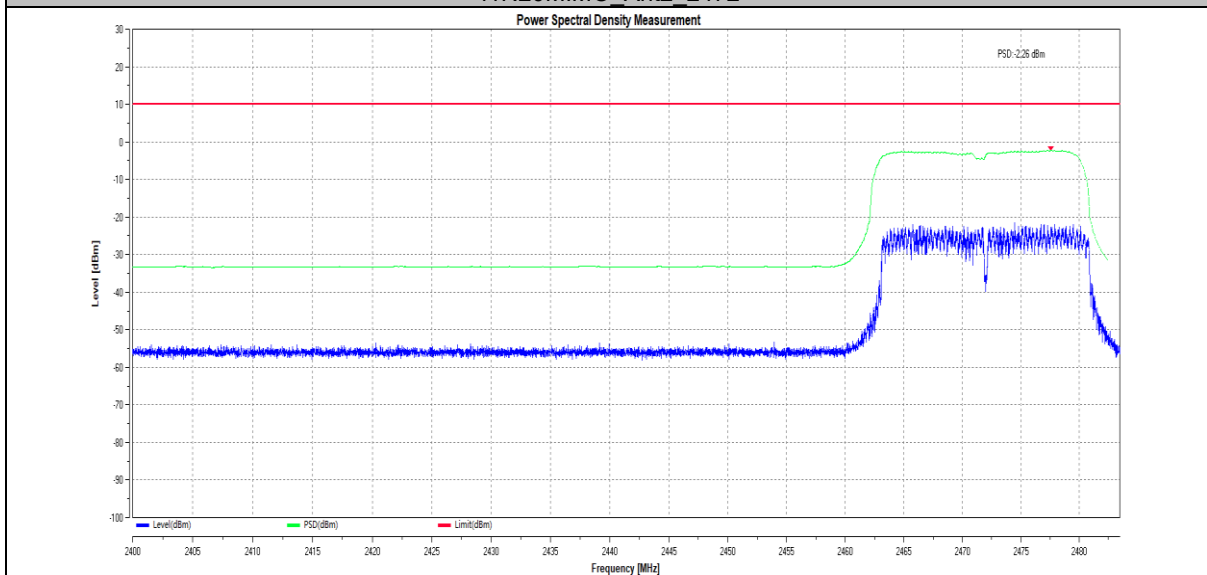
11N20MIMO total 2442



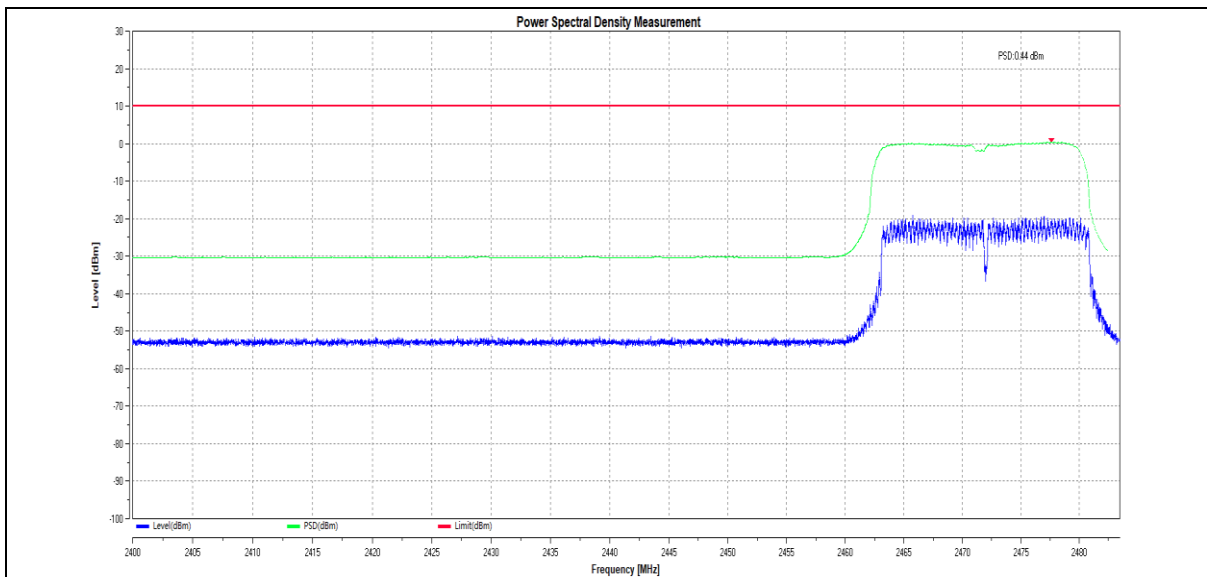
11N20MIMO_Ant1_2472



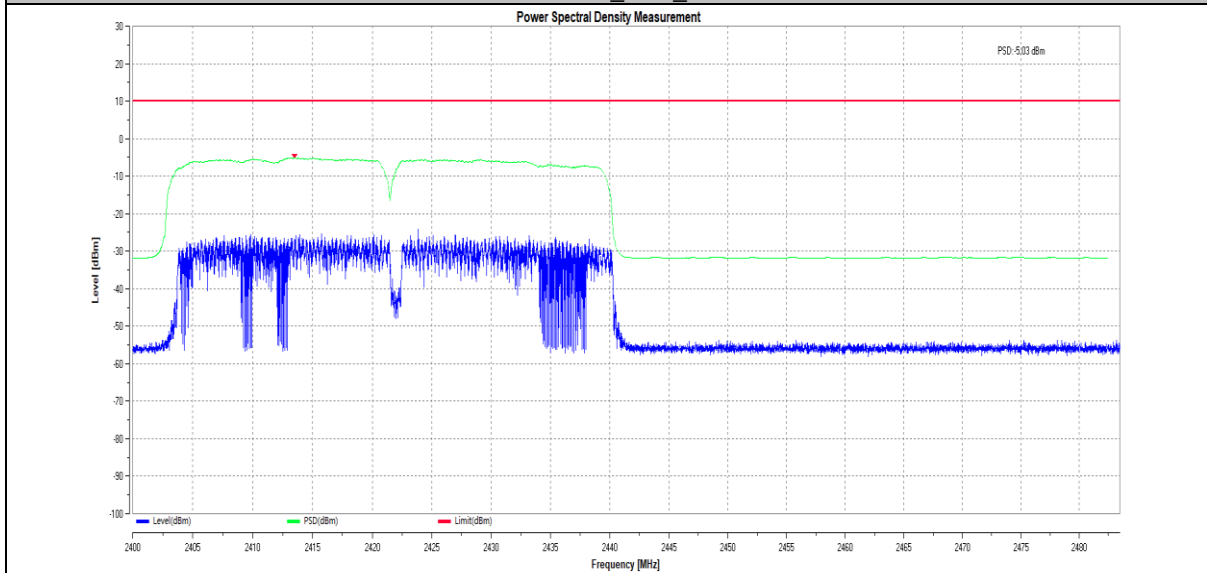
11N20MIMO_Ant2_2472



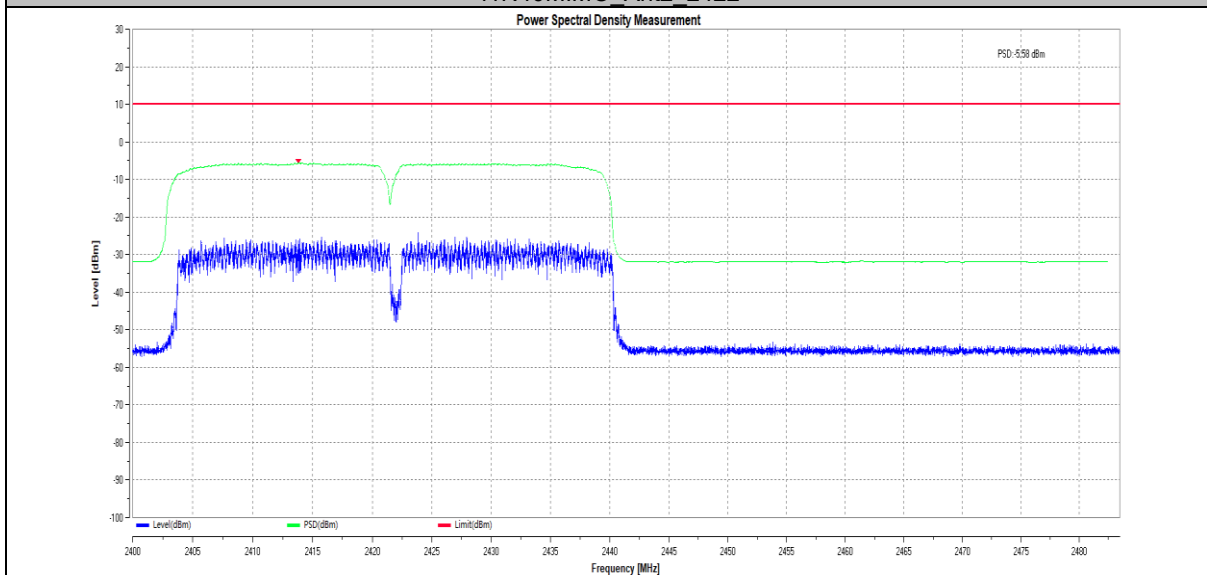
11N20MIMO total 2472



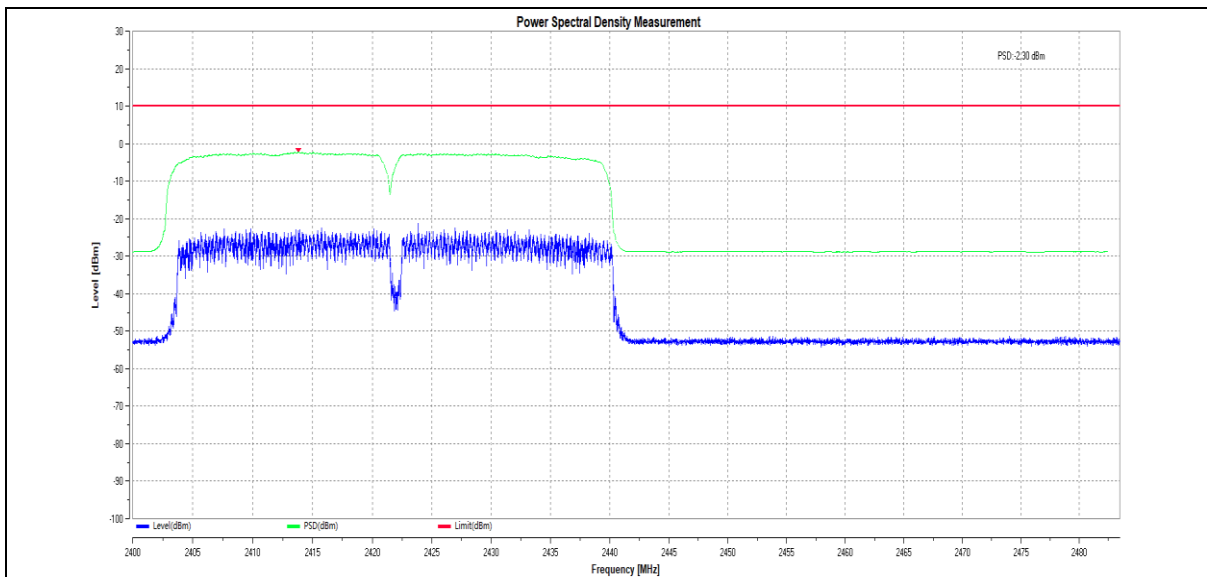
11N40MIMO_Ant1_2422



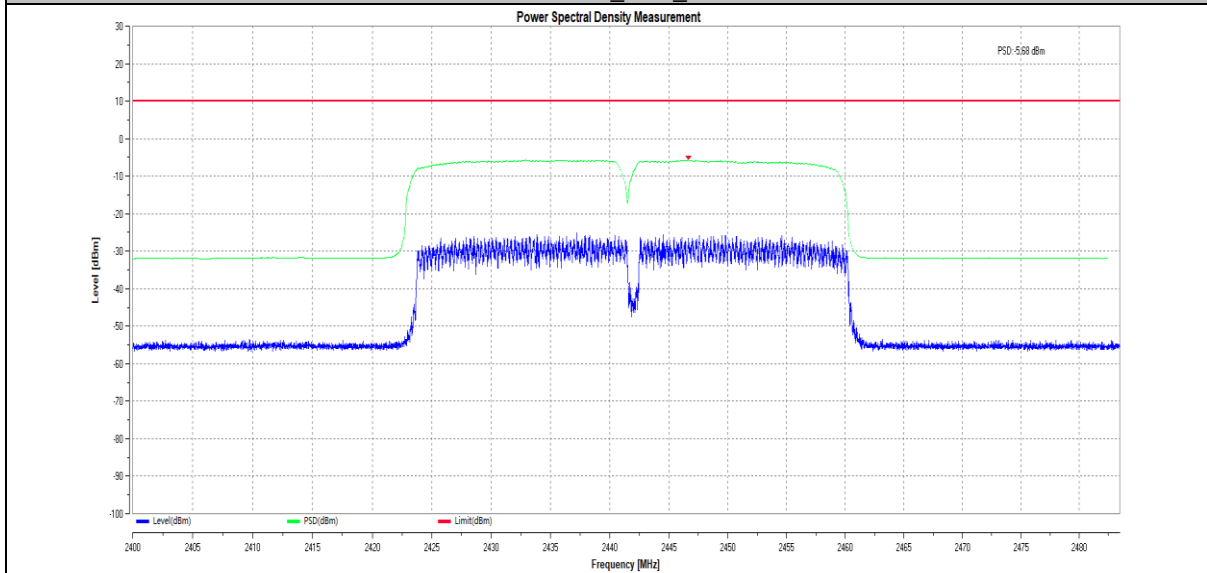
11N40MIMO_Ant2_2422



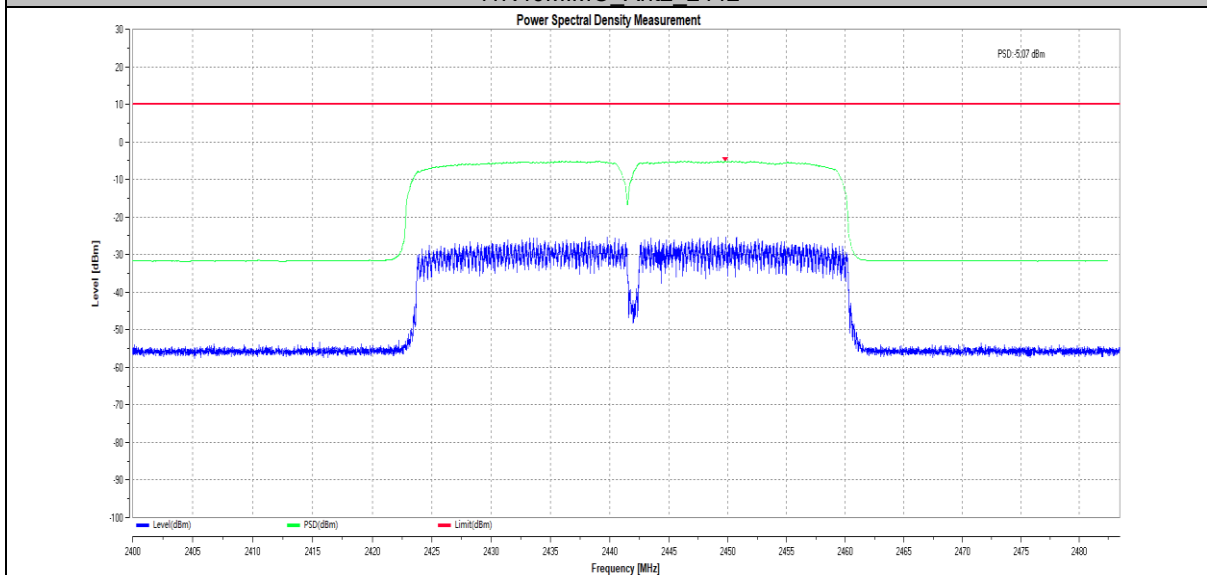
11N40MIMO total 2422



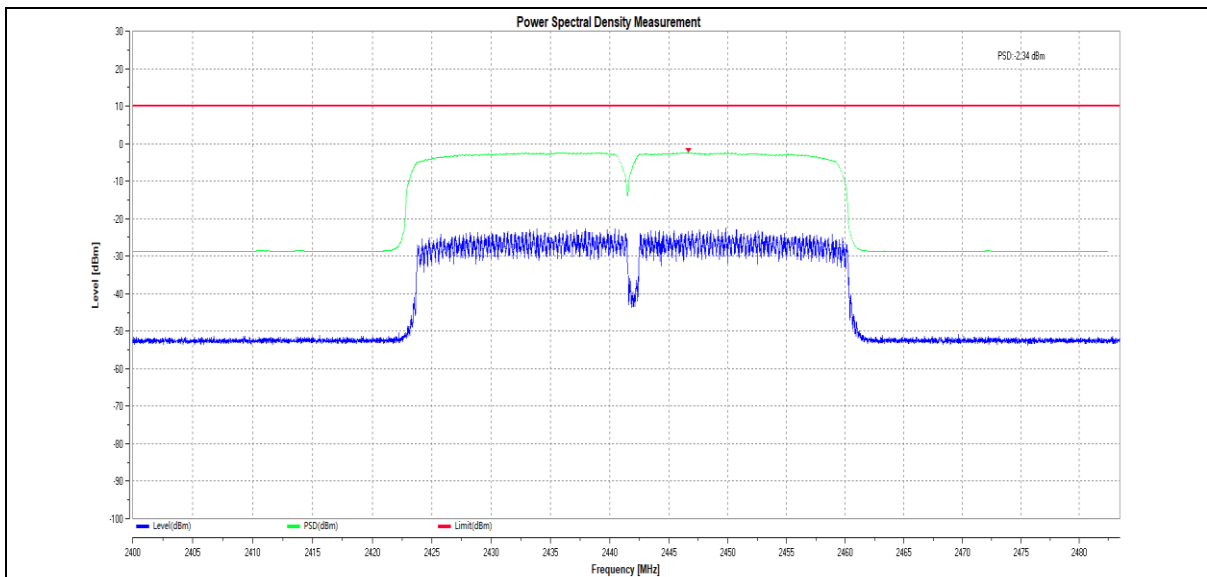
11N40MIMO_Ant1_2442



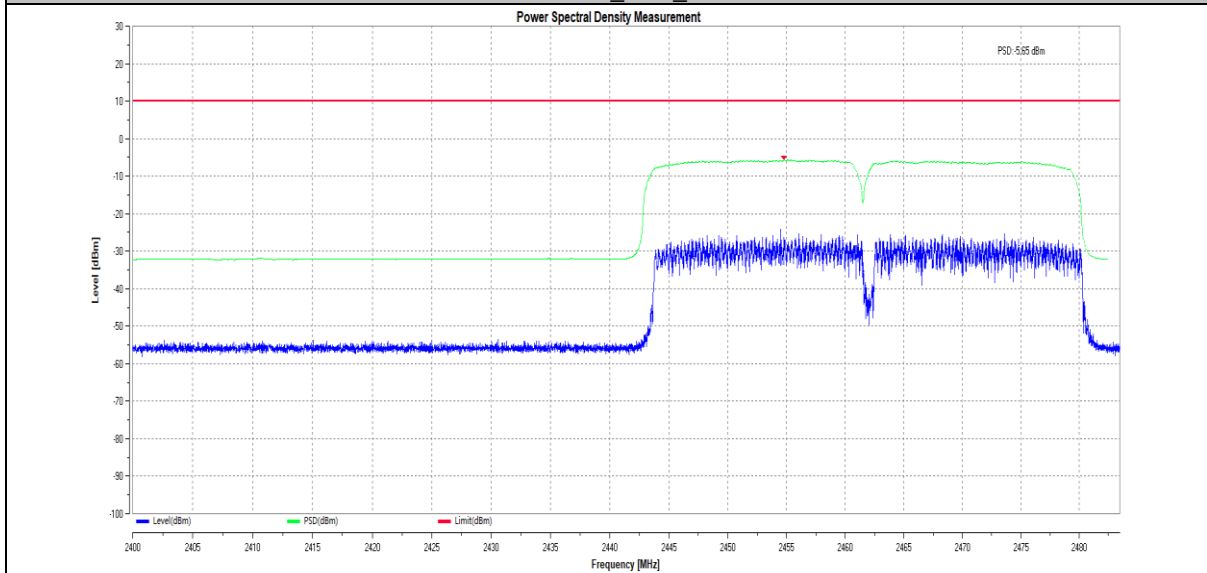
11N40MIMO_Ant2_2442



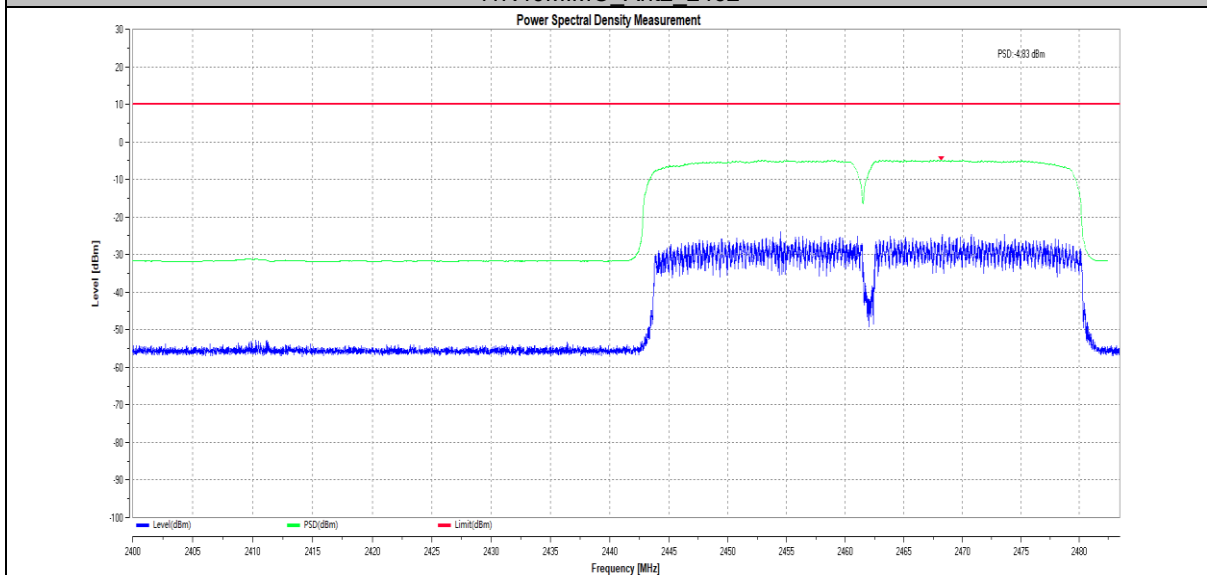
11N40MIMO total 2442



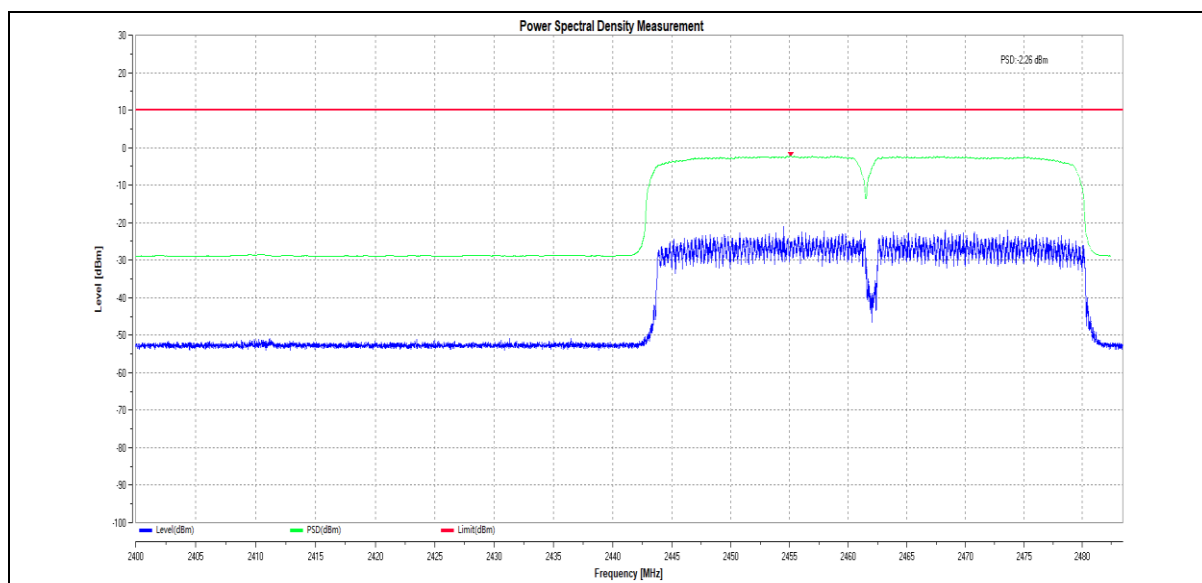
11N40MIMO_Ant1_2462



11N40MIMO_Ant2_2462



11N40MIMO total 2462



8. Occupied Channel Bandwidth

Test Method: ETSI EN 300 328 Sub clause 5.4.7

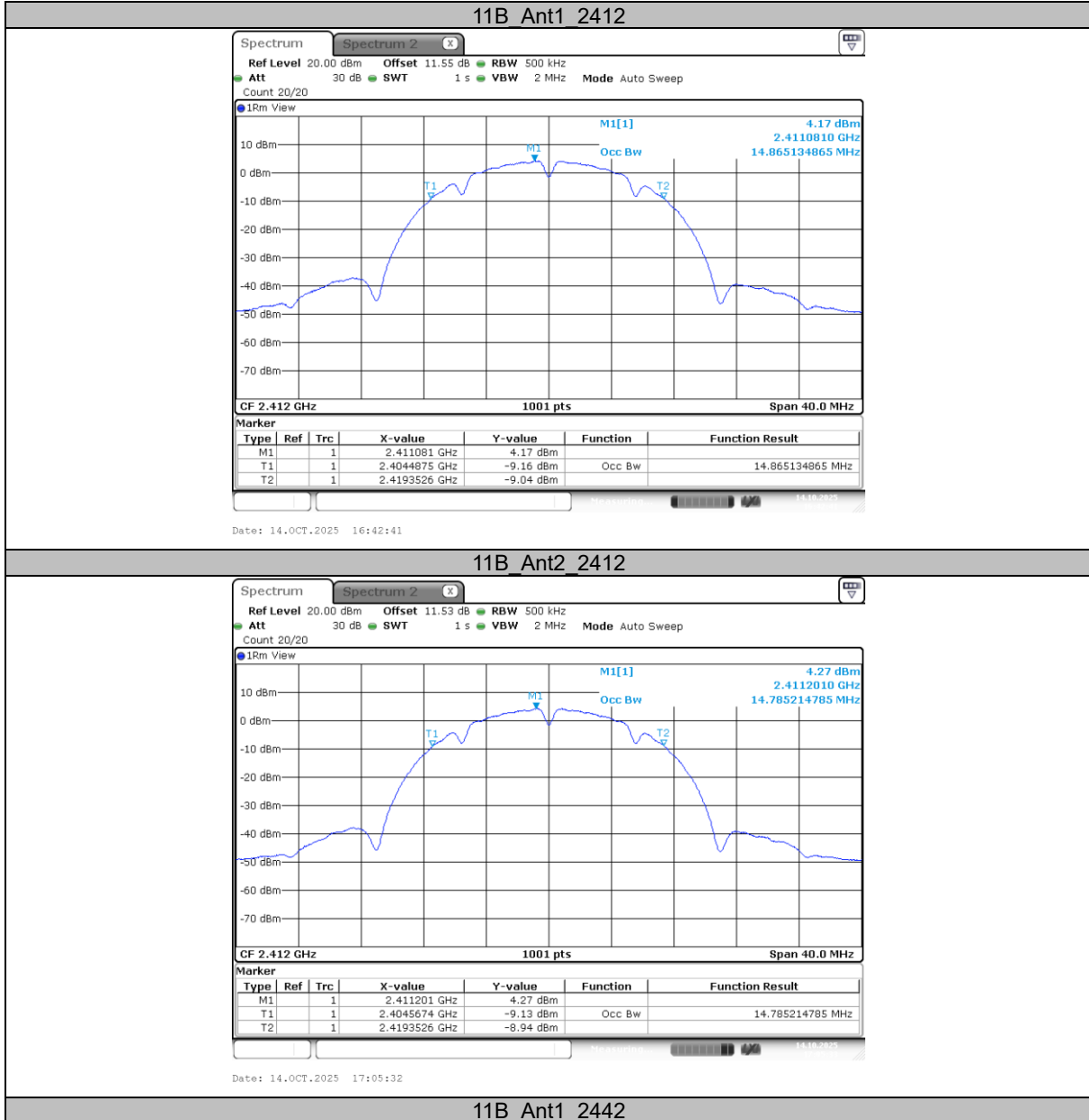
8.1 Limits:

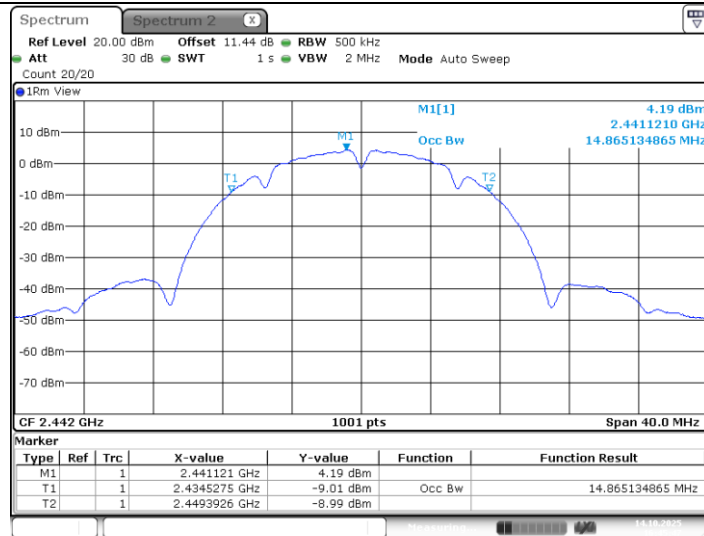
ETSI EN300 328 Sub clause 4.3.2.7.3	2400 to 2483.5MHz
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8.2 Result:

Test Mode	Antenna	Freq(MHz)	OCB[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.865	2404.4875	2419.3526	2400 to 2483.5	PASS
	Ant2	2412	14.785	2404.5674	2419.3526	2400 to 2483.5	PASS
	Ant1	2442	14.865	2434.5275	2449.3926	2400 to 2483.5	PASS
	Ant2	2442	14.785	2434.6074	2449.3926	2400 to 2483.5	PASS
	Ant1	2472	15.105	2464.4476	2479.5524	2400 to 2483.5	PASS
	Ant2	2472	15.025	2464.5275	2479.5524	2400 to 2483.5	PASS
11G	Ant1	2412	16.663	2403.6484	2420.3117	2400 to 2483.5	PASS
	Ant2	2412	16.583	2403.6883	2420.2717	2400 to 2483.5	PASS
	Ant1	2442	16.623	2433.6883	2450.3117	2400 to 2483.5	PASS
	Ant2	2442	16.623	2433.6883	2450.3117	2400 to 2483.5	PASS
	Ant1	2472	16.703	2463.6484	2480.3516	2400 to 2483.5	PASS
	Ant2	2472	16.623	2463.6883	2480.3117	2400 to 2483.5	PASS
11N20MIMO	Ant1	2412	17.702	2403.1289	2420.8312	2400 to 2483.5	PASS
	Ant2	2412	17.702	2403.1289	2420.8312	2400 to 2483.5	PASS
	Ant1	2442	17.702	2433.1289	2450.8312	2400 to 2483.5	PASS
	Ant2	2442	17.742	2433.1289	2450.8711	2400 to 2483.5	PASS
	Ant1	2472	17.742	2463.1289	2480.8711	2400 to 2483.5	PASS
	Ant2	2472	17.742	2463.1289	2480.8711	2400 to 2483.5	PASS
11N40MIMO	Ant1	2422	36.204	2403.8581	2440.0619	2400 to 2483.5	PASS
	Ant2	2422	36.124	2403.9381	2440.0619	2400 to 2483.5	PASS
	Ant1	2442	36.124	2423.9381	2460.0619	2400 to 2483.5	PASS
	Ant2	2442	36.124	2423.9381	2460.0619	2400 to 2483.5	PASS
	Ant1	2462	36.124	2443.9381	2480.0619	2400 to 2483.5	PASS
	Ant2	2462	36.124	2443.9381	2480.0619	2400 to 2483.5	PASS

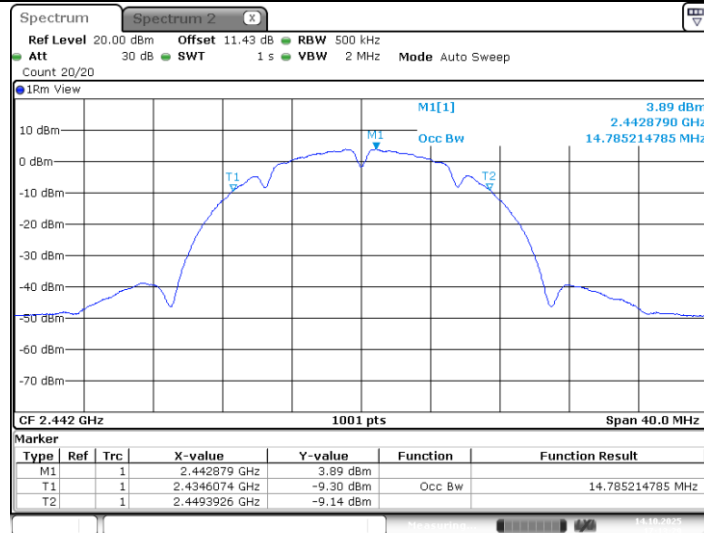
8.3 Test Graph





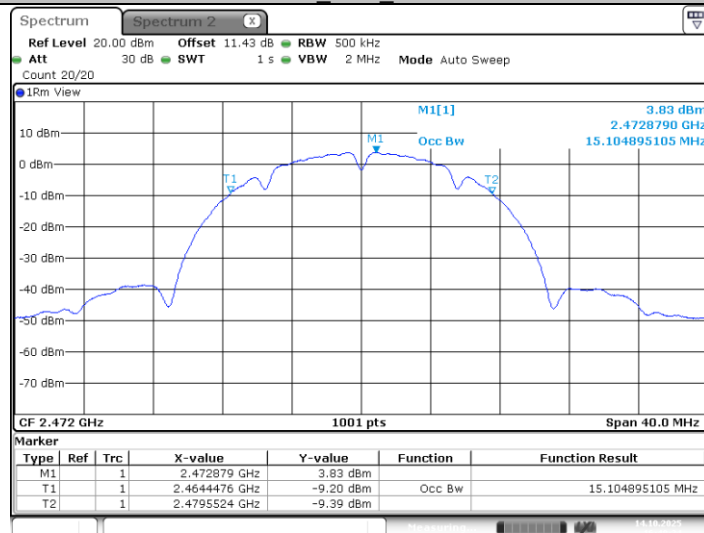
Date: 14.OCT.2025 16:45:47

11B Ant2 2442



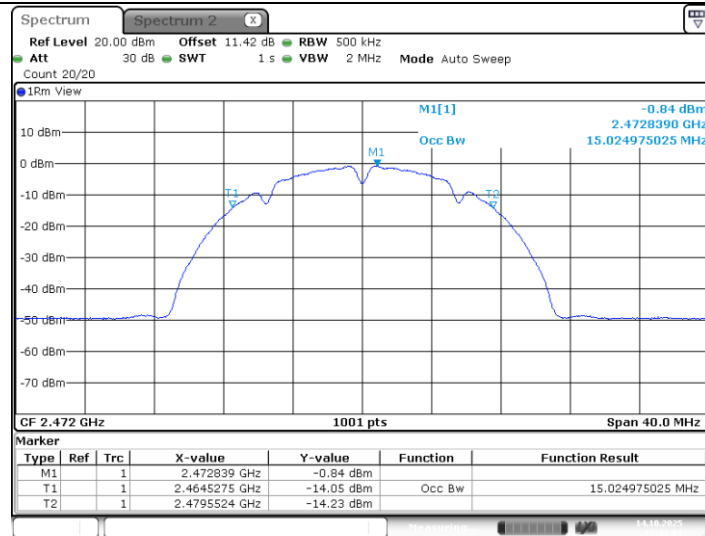
Date: 14.OCT.2025 17:13:29

11B Ant1 2472



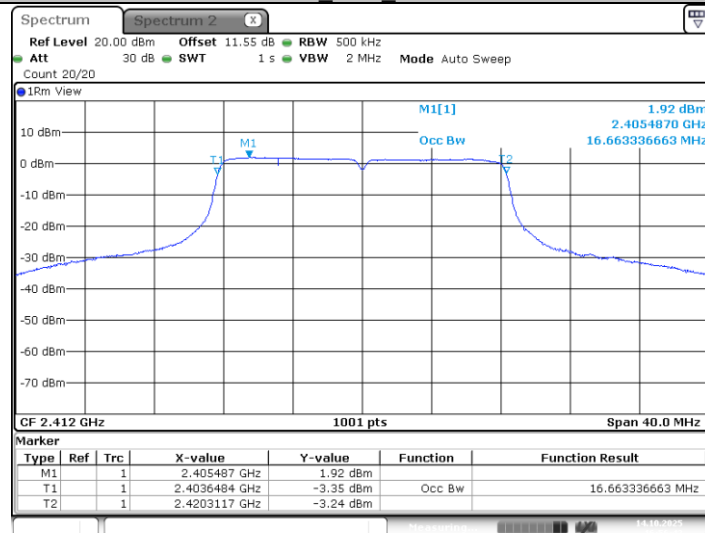
Date: 14.OCT.2025 16:48:24

11B Ant2 2472



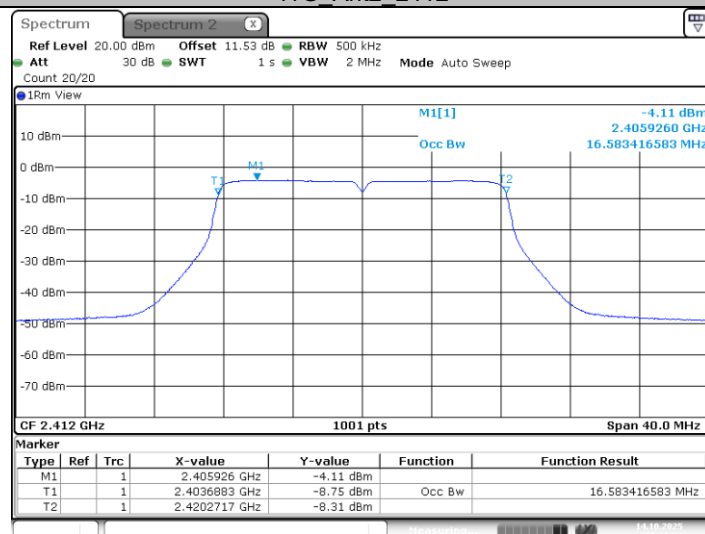
Date: 14.OCT.2025 17:43:00

11G Ant1_2412



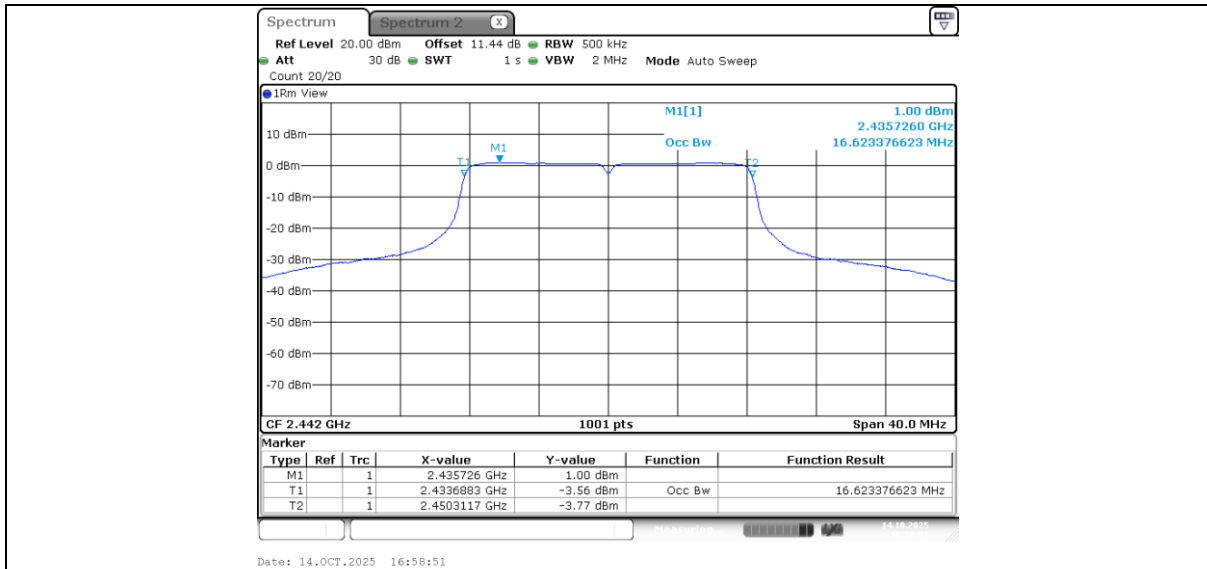
Date: 14.OCT.2025 16:56:42

11G Ant2_2412

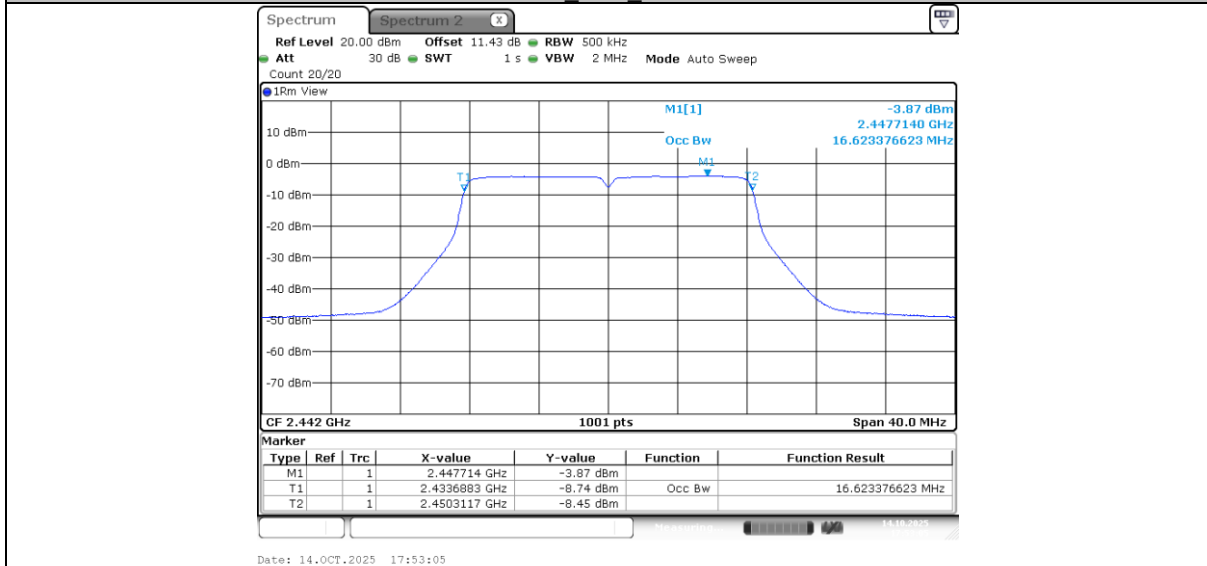


Date: 14.OCT.2025 17:48:10

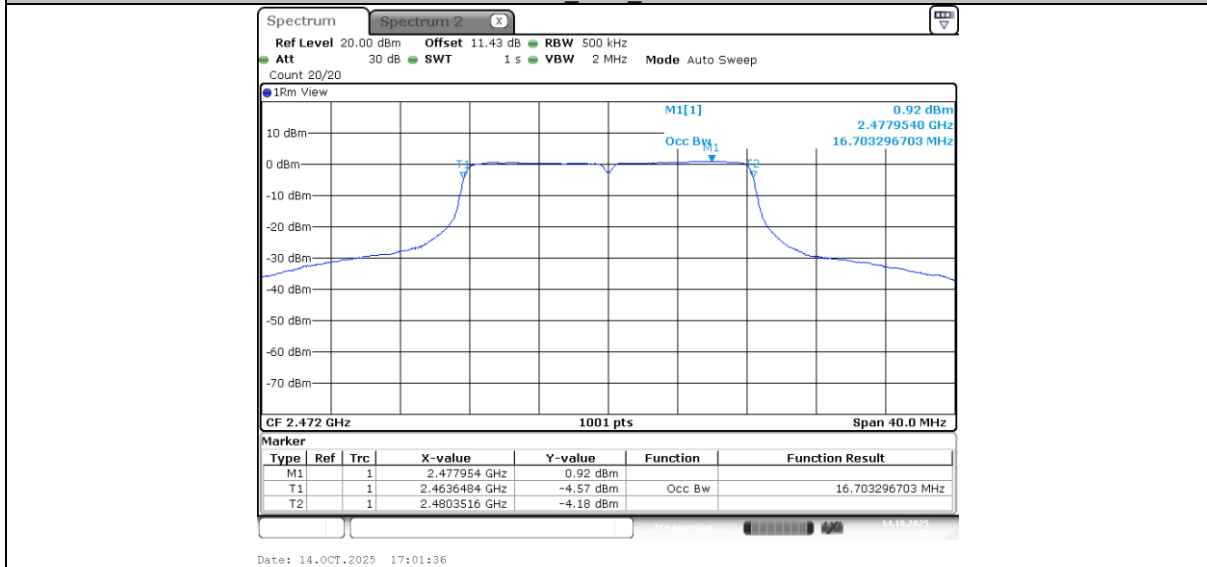
11G Ant1_2442



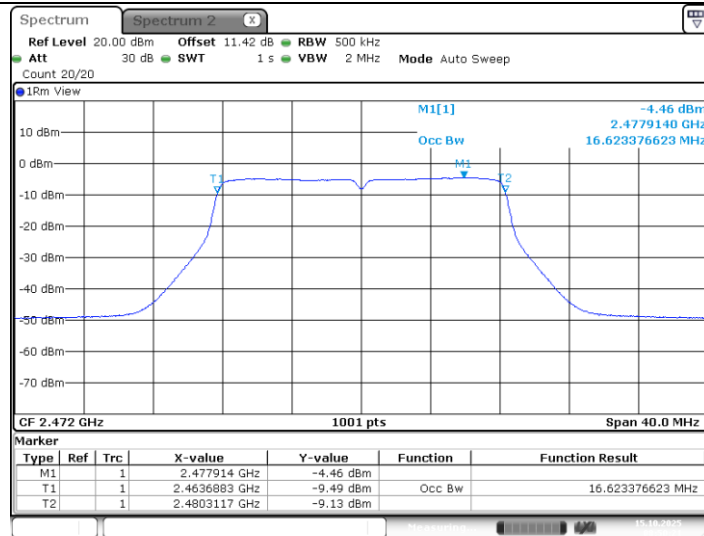
11G Ant2 2442



11G Ant1 2472

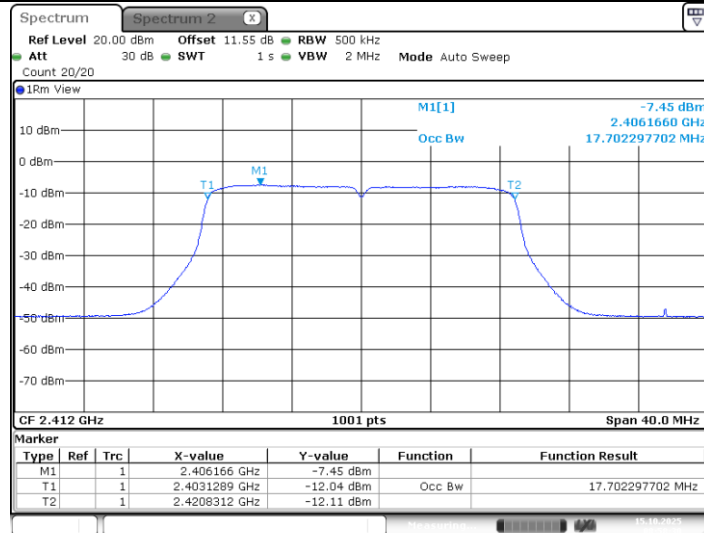


11G Ant2 2472



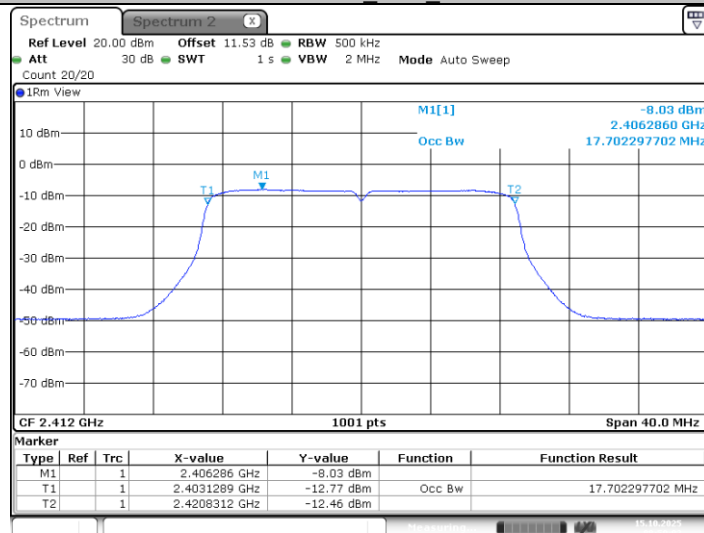
Date: 15.OCT.2025 08:50:20

11N20MIMO Ant1_2412



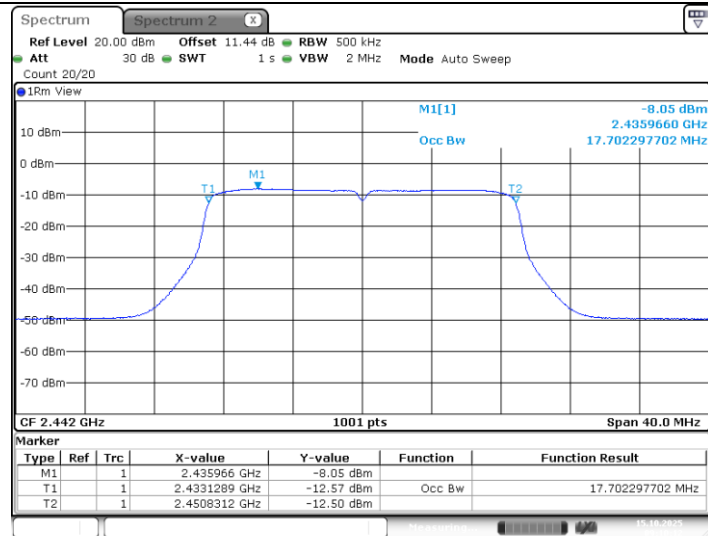
Date: 15.OCT.2025 08:58:30

11N20MIMO Ant2_2412



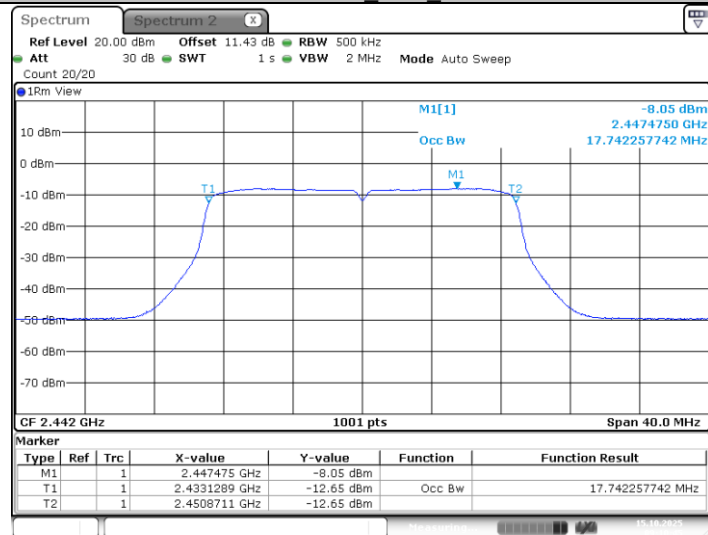
Date: 15.OCT.2025 08:59:03

11N20MIMO Ant1_2442



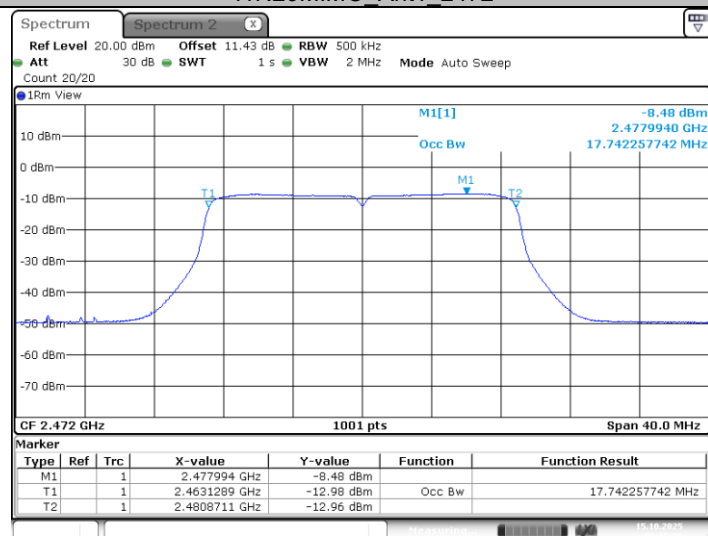
Date: 15.OCT.2025 09:10:12

11N20MIMO Ant2 2442



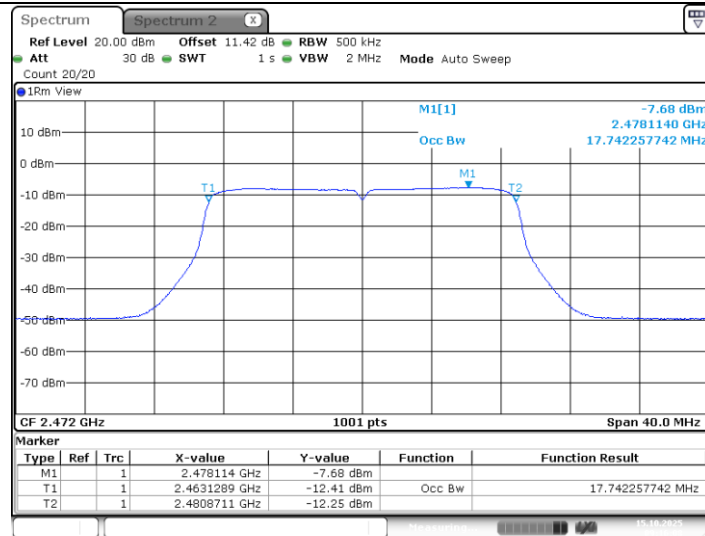
Date: 15.OCT.2025 09:10:45

11N20MIMO Ant1 2472



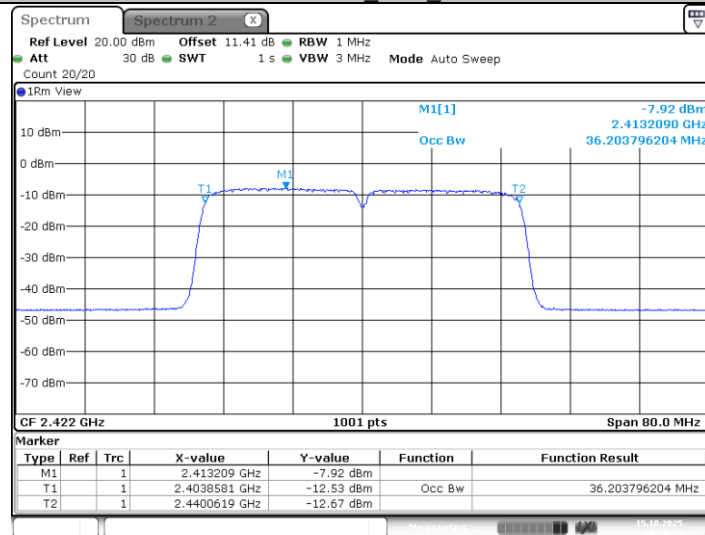
Date: 15.OCT.2025 09:15:35

11N20MIMO Ant2 2472



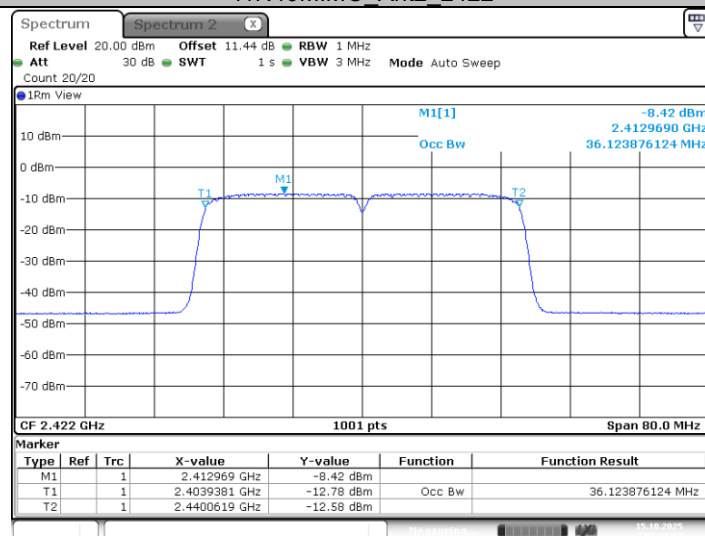
Date: 15.OCT.2025 09:16:07

11N40MIMO Ant1_2422



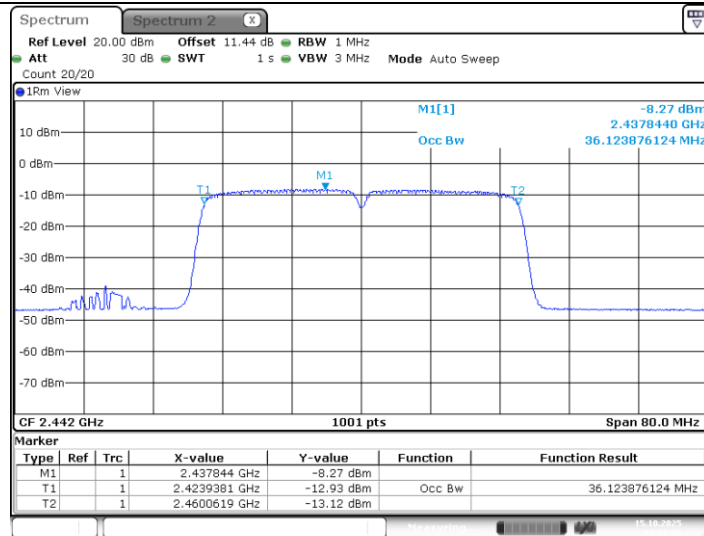
Date: 15.OCT.2025 09:28:24

11N40MIMO Ant2_2422



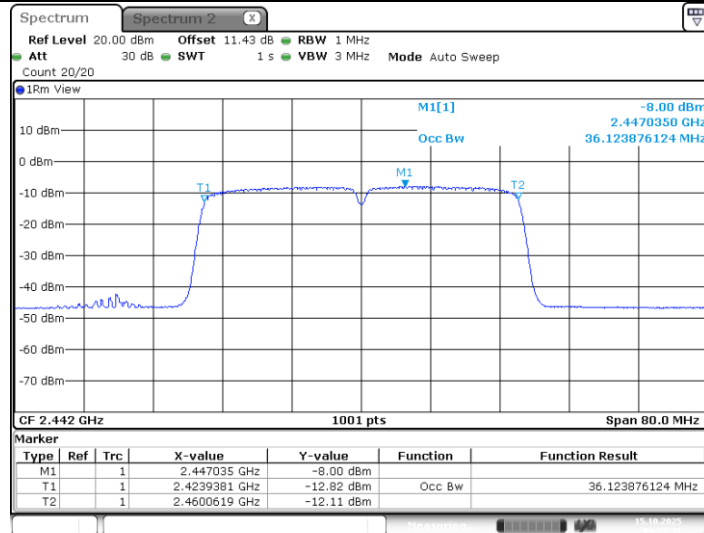
Date: 15.OCT.2025 09:28:57

11N40MIMO Ant1_2442



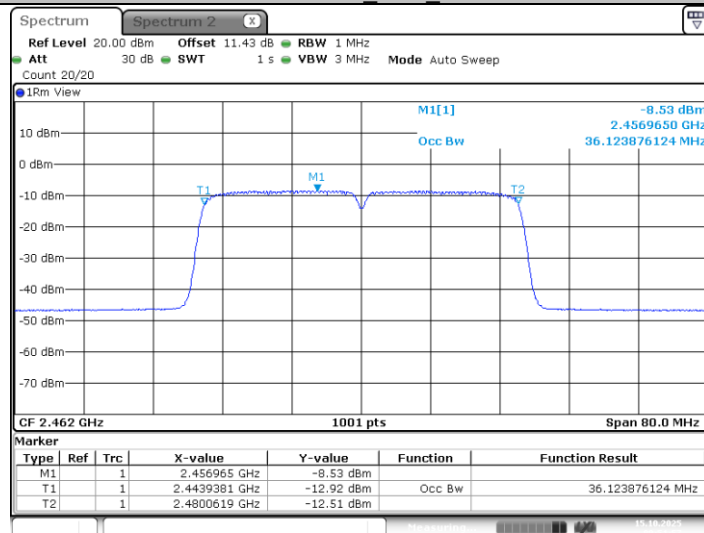
Date: 15.OCT.2025 09:38:55

11N40MIMO_Ant2_2442



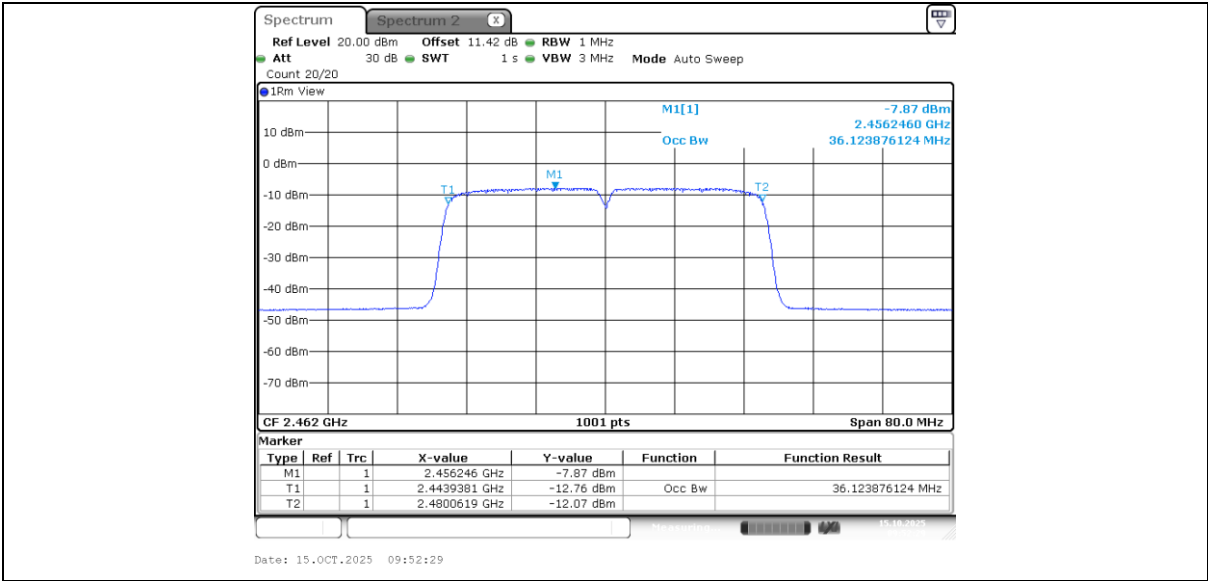
Date: 15.OCT.2025 09:39:30

11N40MIMO_Ant1_2462



Date: 15.OCT.2025 09:51:57

11N40MIMO_Ant2_2462



9. Adaptivity

Test Method: ETSI EN 300 328 Sub clause 5.4.6

9.1 Limits: ETSI EN 300 328 Sub-clause 4.3.2.6

Non-LBT based Detect and Avoid

- 1) During normal operation, the equipment shall evaluate the presence of a signal on its current operating channel. If it is determined that a signal is present with a level above the detection threshold defined in step 5 the channel shall be marked as 'unavailable'.
- 2) The channel shall remain unavailable for a minimum time equal to 1 s after which the channel may be considered again as an 'available' channel.
- 3) The total time during which an equipment has transmissions on a given channel without re-evaluating the availability of that channel, is defined as the Channel Occupancy Time.
- 4) The Channel Occupancy Time shall be less than 40 ms. Each such transmission sequence shall be followed by an Idle Period (no transmissions) of minimum 5 % of the Channel Occupancy Time with a minimum of 100 μ s. After this, the procedure as in step 1 needs to be repeated.
- 5) The detection threshold shall be proportional to the transmit power of the transmitter: for a 20 dBm e.i.r.p. transmitter the detection threshold level (TL) shall be equal to or less than -70 dBm/MHz at the input to the receiver assuming a 0 dBi (receive) antenna assembly. This threshold level (TL) may be corrected for the (receive) antenna assembly gain (G); however, beamforming gain (Y) shall not be taken into account. For power levels less than 20 dBm e.i.r.p., the detection threshold level may be relaxed to: $TL = -70 \text{ dBm/MHz} + 10 \times \log_{10} (100 \text{ mW} / P_{out})$ (P_{out} in mW e.i.r.p.)
- 6) The equipment shall comply with the requirements defined in step 1 to step 4 of the present clause in the presence of an unwanted CW signal as defined in below table.

Wanted signal mean power from companion device (dBm)	Unwanted signal frequency (MHz)	Unwanted CW signal power (dBm)
-30	2 395 or 2 488,5 (see note 1)	-35 (see note 2)
NOTE 1: The highest frequency shall be used for testing operating channels within the range 2 400 MHz to 2 442 MHz, while the lowest frequency shall be used for testing operating channels within the range 2 442 MHz to 2 483,5 MHz. See clause 5.4.6.1.		
NOTE 2: The level specified is the level in front of the UUT antenna. In case of conducted measurements, this level has to be corrected by the actual antenna assembly gain.		

LBT based Detect and Avoid- Frame Based Equipment

- 1) Before transmission, the equipment shall perform a Clear Channel Assessment (CCA) check using energy detect. The equipment shall observe the operating channel for the duration of the CCA observation time which shall be not less than 18 μ s. The channel shall be considered occupied if the energy level in the channel exceeds the threshold given in step 5 below. If the equipment finds the channel to be clear, it may transmit

immediately.

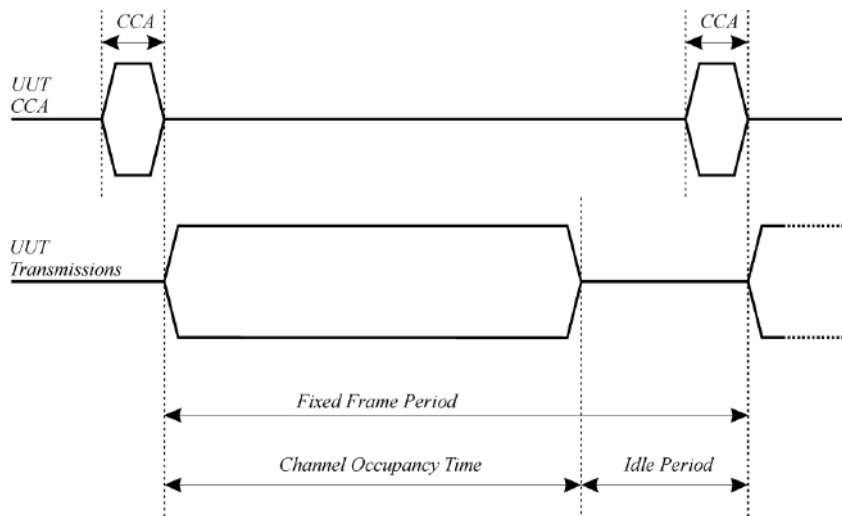
- 2) If the equipment finds the channel occupied, it shall not transmit on this channel during the next Fixed Frame Period.

The equipment is allowed to switch to a non-adaptive mode and to continue transmissions on this channel providing it complies with the requirements applicable to non-adaptive equipment. See clause 4.3.2.6.1. Alternatively, the equipment is also allowed to continue Short Control Signalling Transmissions on this channel providing it complies with the requirements given in clause 4.3.2.6.4.

- 3) The total time during which an equipment has transmissions on a given channel without re-evaluating the availability of that channel, is defined as the Channel Occupancy Time. The Channel Occupancy Time shall be in the range 1 ms to 10 ms followed by an Idle Period of at least 5 % of the Channel Occupancy Time used in the equipment for the current Fixed Frame Period.
- 4) An equipment, upon correct reception of a packet which was intended for this equipment can skip CCA and immediately (see also next paragraph) proceed with the transmission of management and control frames (e.g. ACK and Block ACK frames are allowed but data frames are not allowed). A consecutive sequence of such transmissions by the equipment without a new CCA shall not exceed the maximum Channel Occupancy Time.
- 5) The energy detection threshold for the CCA shall be proportional to the transmit power of the transmitter: for a 20 dBm e.i.r.p. transmitter the CCA threshold level (TL) shall be equal to or less than -70 dBm/MHz at the input to the receiver assuming a 0 dBi (receive) antenna assembly. This threshold level (TL) may be corrected for the (receive) antenna assembly gain (G); however, beamforming gain (Y) shall not be taken into account. For power levels less than 20 dBm e.i.r.p. the CCA threshold level may be relaxed to: $TL = -70 \text{ dBm/MHz} + 10 \times \log_{10} (100 \text{ mW} / P_{out})$ (P_{out} in mW e.i.r.p.)
- 6) The equipment shall comply with the requirements defined in step 1 to step 4 in the present clause in the presence of an unwanted CW signal as defined in below table.

Wanted signal mean power from companion device	Unwanted signal frequency (MHz)	Unwanted signal power (dBm)
sufficient to maintain the link (see note 2)	2 395 or 2 488,5 (see note 1)	-35 (see note 3)
NOTE 1: The highest frequency shall be used for testing operating channels within the range 2 400 MHz to 2 442 MHz, while the lowest frequency shall be used for testing operating channels within the range 2 442 MHz to 2 483,5 MHz. See clause 5.4.6.1. NOTE 2: A typical value which can be used in most cases is -50 dBm/MHz. NOTE 3: The level specified is the level in front of the UUT antenna. In case of conducted measurements, this level has to be corrected by the actual antenna assembly gain.		

An example of the timing for Frame Based Equipment is provided in below figure .



LBT based Detect and Avoid-Load Based Equipment

- 1) Before a transmission or a burst of transmissions, the equipment shall perform a Clear Channel Assessment (CCA) check using energy detect. The equipment shall observe the operating channel for the duration of the CCA observation time which shall be not less than 18 μ s. The channel shall be considered occupied if the energy level in the channel exceeds the threshold given in step 5 below. If the equipment finds the channel to be clear, it may transmit immediately.
- 2) If the equipment finds the channel occupied, it shall not transmit on this channel (see also the next paragraph). The equipment shall perform an Extended CCA check in which the channel is observed for a random duration in the range between 18 μ s and at least 160 μ s. If the extended CCA check has determined the channel to be no longer occupied, the equipment may resume transmissions on this channel. If the Extended CCA time has determined the channel still to be occupied, it shall perform new Extended CCA checks until the channel is no longer occupied.

NOTE: The Idle Period in between transmissions is considered to be the CCA or the Extended CCA check as there are no transmissions during this period.

The equipment is allowed to switch to a non-adaptive mode and to continue transmissions on this channel providing it complies with the requirements applicable to non-adaptive equipment. Alternatively, the equipment is also allowed to continue Short Control Signalling Transmissions on this channel providing it complies with the requirements given in clause 4.3.2.6.4.

- 3) The total time that an equipment makes use of a RF channel is defined as the Channel Occupancy Time. This Channel Occupancy Time shall be less than 13 ms, after which the device shall perform a new CCA as described in step 1 above.
- 4) The equipment, upon correct reception of a packet which was intended for this equipment can skip CCA and immediately (see also next paragraph) proceed with the transmission of management and control frames (e.g. ACK and Block ACK frames are allowed but data frames are not allowed). A consecutive sequence of transmissions by the equipment

without a new CCA shall not exceed the maximum channel occupancy time as defined in step 3 above.

For the purpose of multi-cast, the ACK transmissions (associated with the same data packet) of the individual devices are allowed to take place in a sequence.

- 5) The equipment, upon correct reception of a packet which was intended for this equipment can skip CCA and immediately (see note 3) proceed with the transmission of management and control frames (e.g. ACK and BlockACK frames are allowed but data frames are not allowed). A consecutive sequence of transmissions by the equipment without a new CCA shall not exceed the maximum channel occupancy time as defined in step 3) above.
- 6) The energy detection threshold for the CCA shall be proportional to the transmit power of the transmitter: for a 20 dBm e.i.r.p. transmitter the CCA threshold level (TL) shall be equal to or less than -70 dBm/MHz at the input to the receiver assuming a 0 dBi (receive) antenna assembly. This threshold level (TL) may be corrected for the (receive) antenna assembly gain (G); however, beamforming gain (Y) shall not be taken into account. For power levels less than 20 dBm e.i.r.p., the CCA threshold level may be relaxed to: $TL = -70 \text{ dBm/MHz} + 10 \times \log_{10} (100 \text{ mW} / P_{out})$ (P_{out} in mW e.i.r.p.)
- 7) The equipment shall comply with the requirements defined in step 1 to step 4 of the present clause in the presence of an unwanted CW signal as defined in below table.

Wanted signal mean power from companion device	Unwanted signal frequency (MHz)	Unwanted signal power (dBm)
sufficient to maintain the link (see note 2)	2 395 or 2 488,5 (see note 1)	-35 (see note 3)
NOTE 1: The highest frequency shall be used for testing operating channels within the range 2 400 MHz to 2 442 MHz, while the lowest frequency shall be used for testing operating channels within the range 2 442 MHz to 2 483,5 MHz. See clause 5.4.6.1. NOTE 2: A typical value which can be used in most cases is -50 dBm/MHz. NOTE 3: The level specified is the level in front of the UUT antenna. In case of conducted measurements, this level has to be corrected by the actual antenna assembly gain.		

Short Control Signalling Transmissions

If implemented, Short Control Signalling Transmissions of adaptive equipment using wide band modulations other than FHSS shall have a maximum TxOn / (TxOn + TxOff) ratio of 10 % within any observation period of 50 ms.

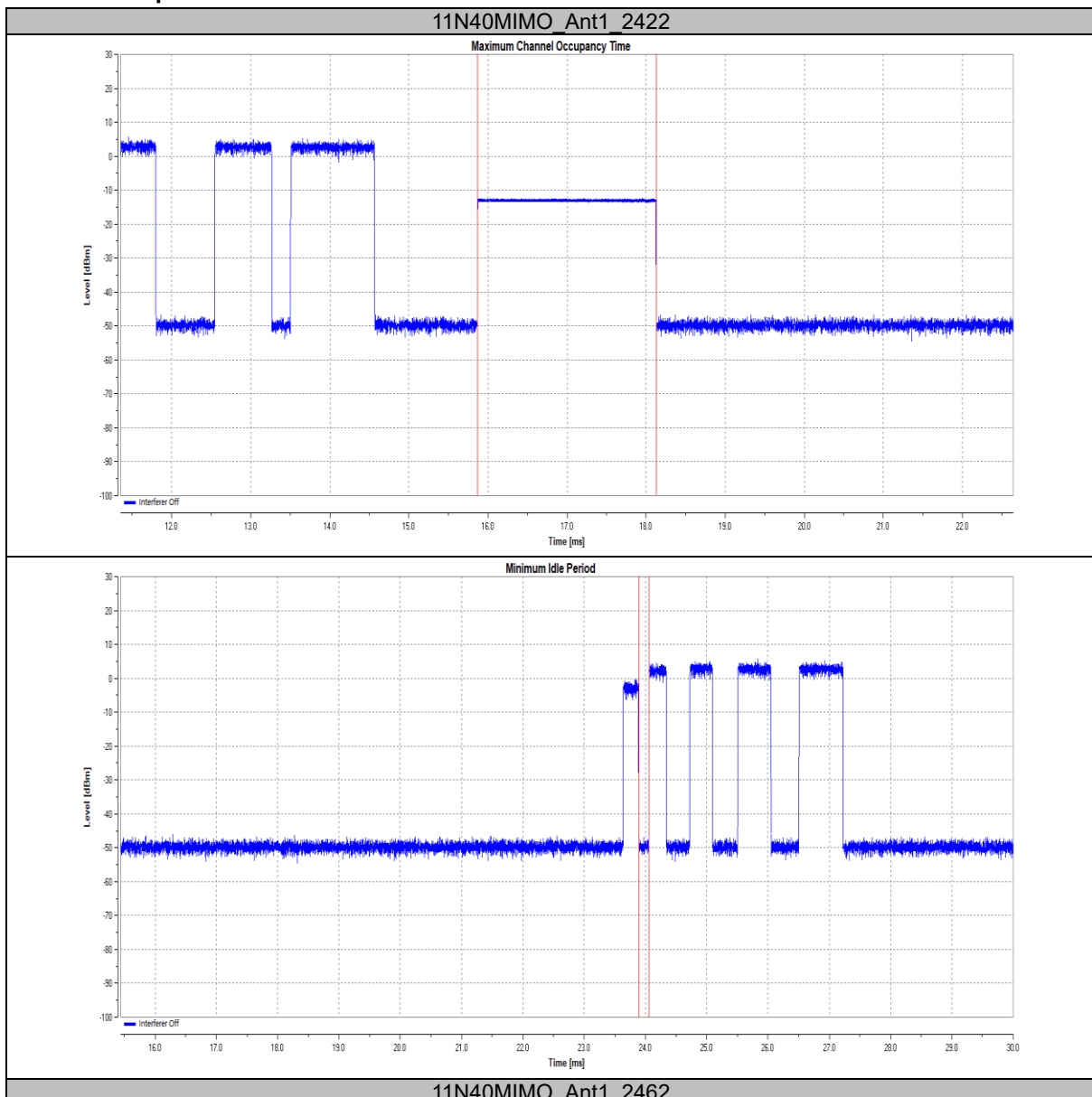
9.2 Results:

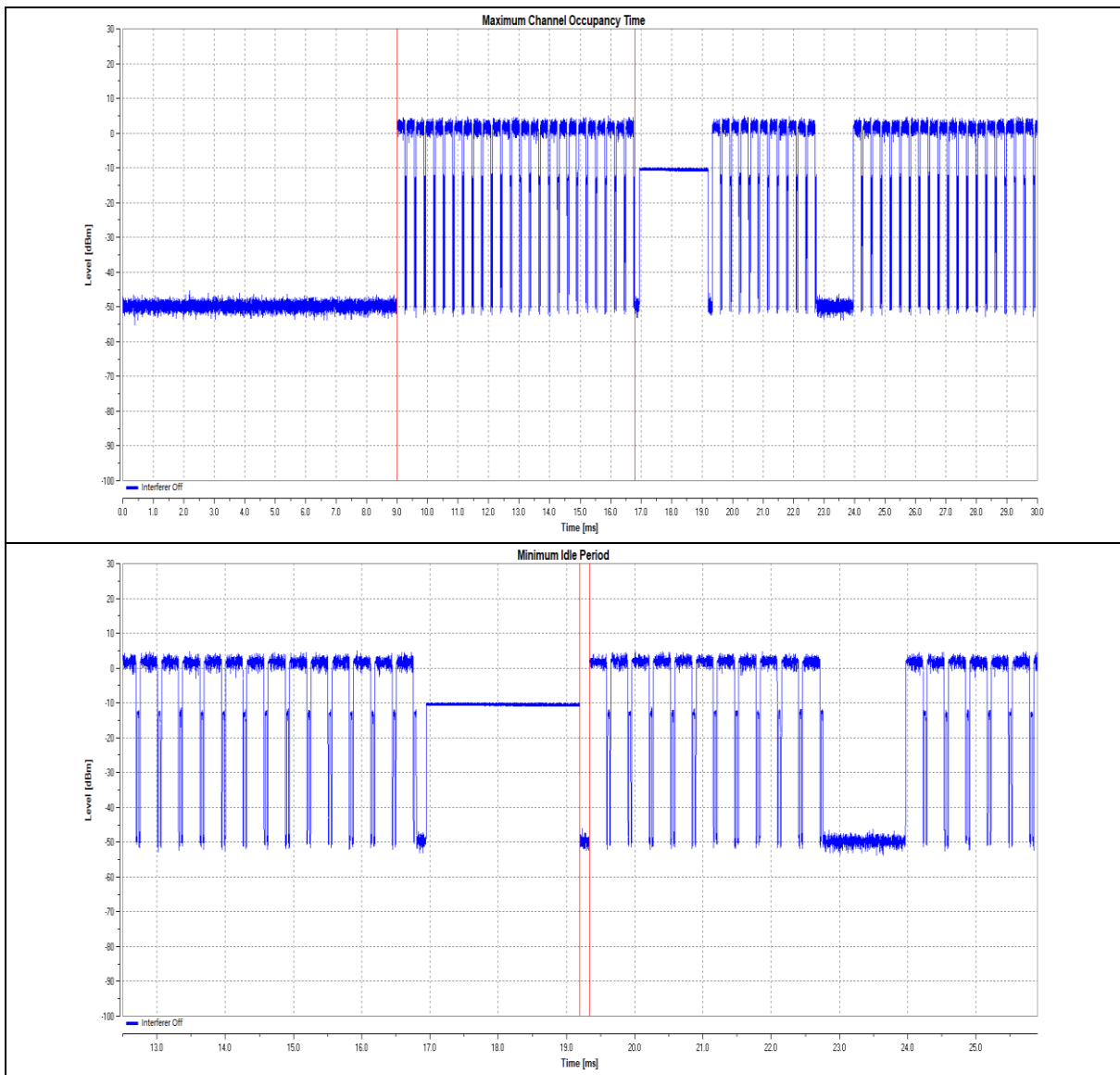
Only the worst case shows below.

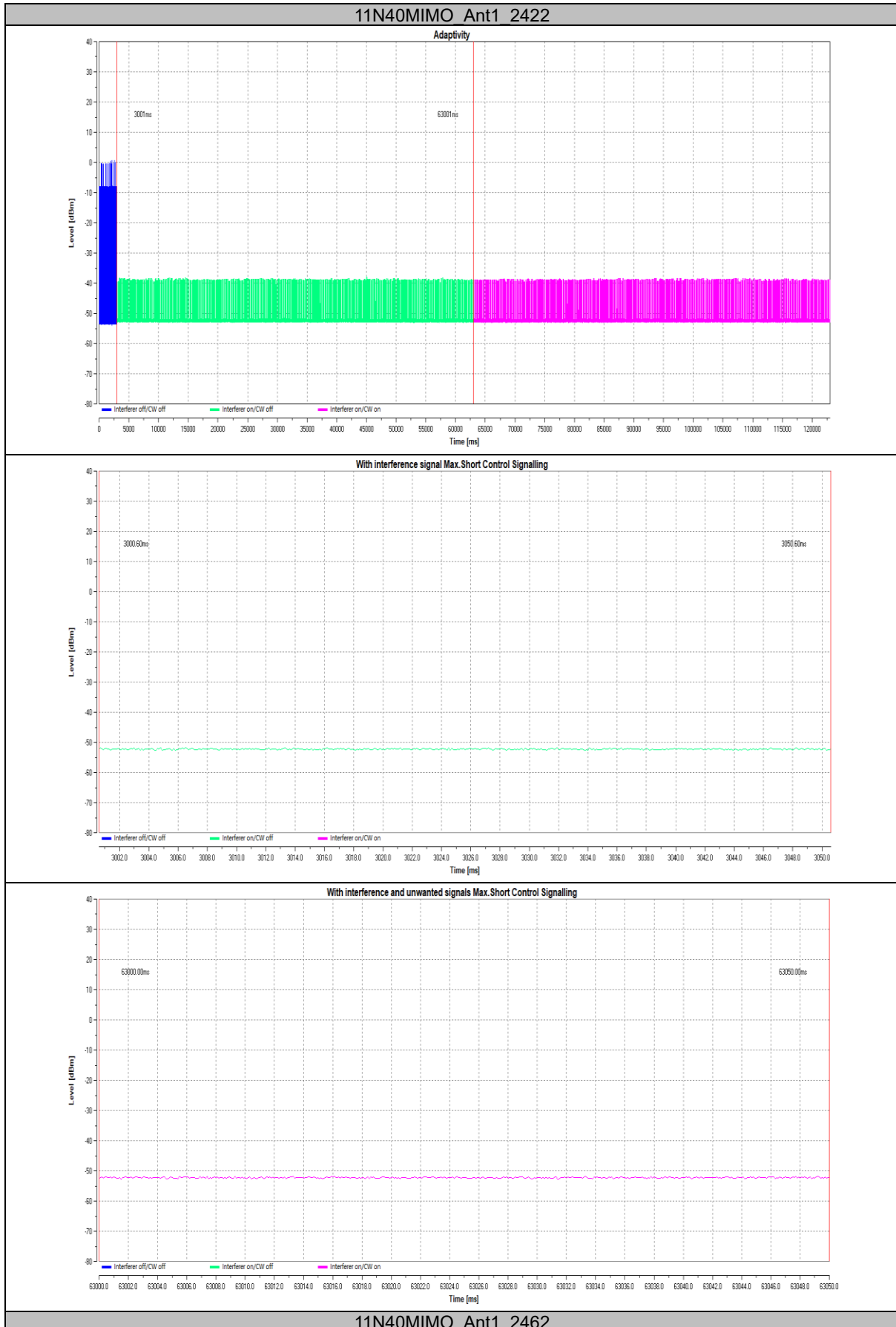
Test Mode	Antenna	Freq(MHz)	Max.COT [ms]	Limit[ms]	Min.Idle Time[ms]	Limit[ms]	Verdict
11N40MIMO	Ant1	2422	2.257	13	0.169	0.018	PASS
		2462	7.804	13	0.134	0.018	PASS

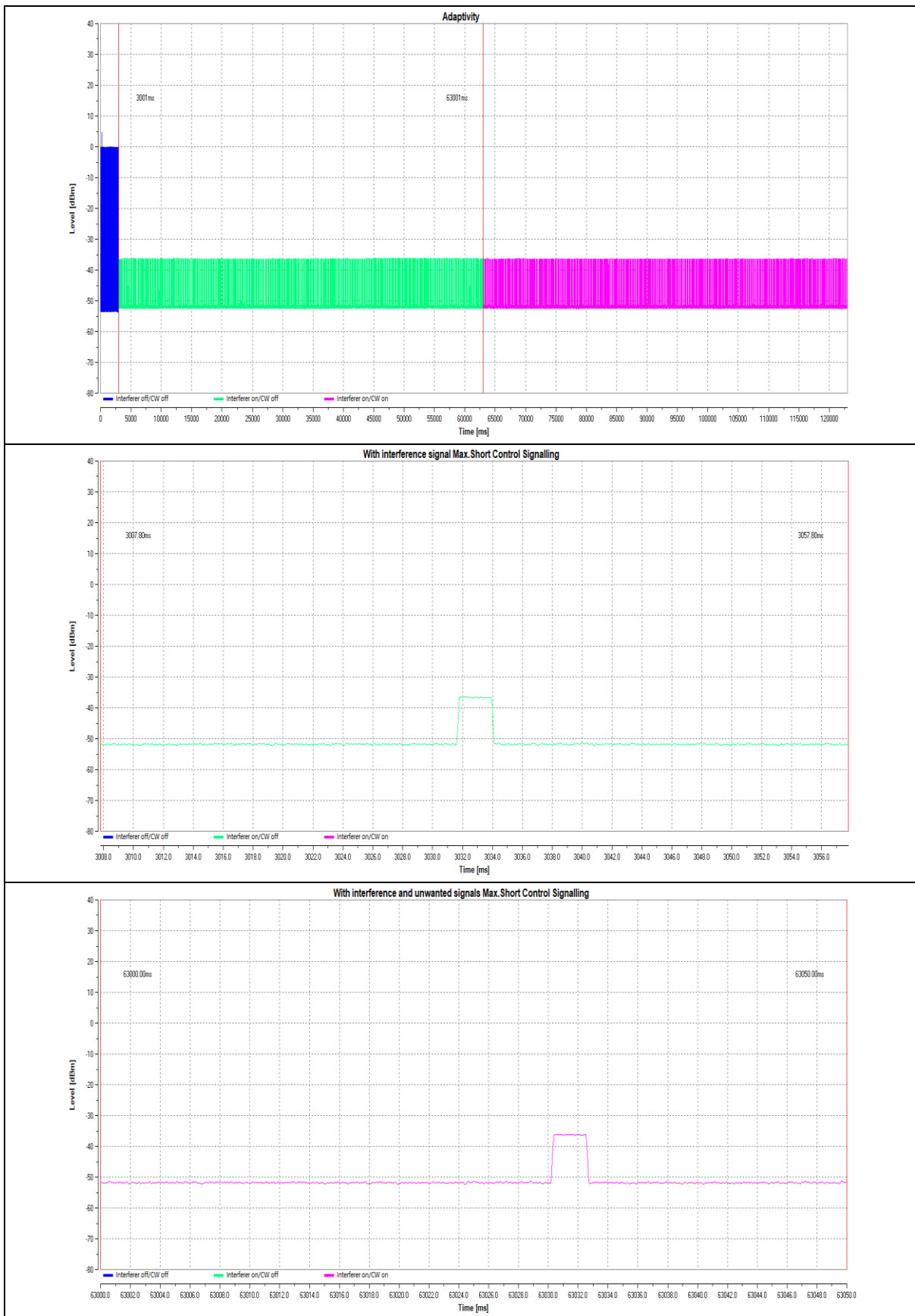
Test Mode	Antenna	Freq(MHz)	Add Signal Type	Add Signal Time[ms]	Add Signal Level[dbm]	Max. Short Time [%]	Limit [%]	Verdict
11N40MIMO	Ant1	2422	AWGN	3001	-64.02	0.00	10	PASS
			CW	63001	-32.78	0.00	10	PASS
		2462	AWGN	3001	-63.99	0.00	10	PASS
			CW	63001	-32.78	0.00	10	PASS

9.3 Test Graph







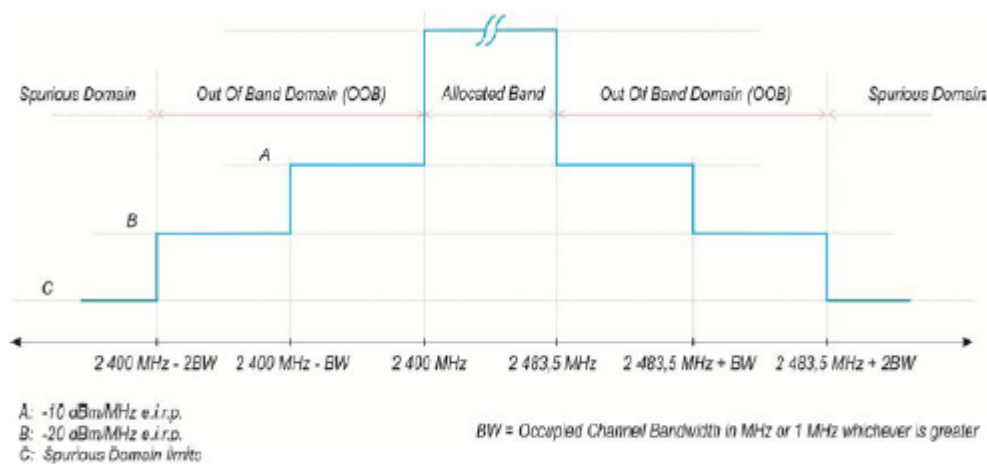


10. Transmitter unwanted emission in the out-of-band domain

Test Method: ETSI EN 300 328 Sub clause 5.4.8

10.1 Limits: ETSI 300 328 Sub clause 4.3.2.8.3

The transmitter unwanted emissions in the out-of-band domain but outside the allocated band, shall not exceed the values provided by the mask in below figure.



Transmit mask

10.2 Test Result:

Test Mode	Antenna	Freq(MHz)	Freq. [MHz]	Level[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	2370.635	-49.72	-20.00	PASS
			2370.77	-49.36	-20.00	PASS
			2371.635	-49.48	-20.00	PASS
			2372.635	-49.88	-20.00	PASS
			2373.635	-49.34	-20.00	PASS
			2374.635	-49.81	-20.00	PASS
			2375.635	-49.73	-20.00	PASS
			2376.635	-49.82	-20.00	PASS
			2377.635	-49.37	-20.00	PASS
			2378.635	-49.54	-20.00	PASS
			2379.635	-49.48	-20.00	PASS
			2380.635	-49.29	-20.00	PASS
			2381.635	-49.60	-20.00	PASS
			2382.635	-49.33	-20.00	PASS
			2383.635	-49.70	-20.00	PASS
			2384.635	-49.60	-20.00	PASS
			2385.5	-49.24	-10.00	PASS
			2385.635	-49.35	-10.00	PASS
			2386.5	-49.02	-10.00	PASS
			2387.5	-49.20	-10.00	PASS
			2388.5	-49.47	-10.00	PASS
			2389.5	-49.37	-10.00	PASS
			2390.5	-49.54	-10.00	PASS
			2391.5	-48.98	-10.00	PASS
			2392.5	-48.64	-10.00	PASS
			2393.5	-48.49	-10.00	PASS
			2394.5	-48.36	-10.00	PASS
			2395.5	-48.54	-10.00	PASS

			2396.5	-46.17	-10.00	PASS
			2397.5	-42.91	-10.00	PASS
			2398.5	-40.29	-10.00	PASS
			2399.5	-37.81	-10.00	PASS
			2484	-49.84	-10.00	PASS
			2485	-49.48	-10.00	PASS
			2486	-50.23	-10.00	PASS
			2487	-49.76	-10.00	PASS
			2488	-49.71	-10.00	PASS
			2489	-49.75	-10.00	PASS
			2490	-49.16	-10.00	PASS
			2491	-49.61	-10.00	PASS
			2492	-49.28	-10.00	PASS
			2493	-49.35	-10.00	PASS
			2494	-49.29	-10.00	PASS
			2495	-49.48	-10.00	PASS
			2496	-49.80	-10.00	PASS
			2497	-50.02	-10.00	PASS
			2497.865	-49.82	-10.00	PASS
			2498	-49.55	-10.00	PASS
			2498.865	-49.58	-20.00	PASS
			2499.865	-49.91	-20.00	PASS
			2500.865	-49.71	-20.00	PASS
			2501.865	-49.06	-20.00	PASS
			2502.865	-49.59	-20.00	PASS
			2503.865	-49.64	-20.00	PASS
			2504.865	-49.66	-20.00	PASS
			2505.865	-49.48	-20.00	PASS
			2506.865	-49.12	-20.00	PASS
			2507.865	-49.40	-20.00	PASS
			2508.865	-49.61	-20.00	PASS
			2509.865	-47.28	-20.00	PASS
			2510.865	-49.21	-20.00	PASS
			2511.865	-49.22	-20.00	PASS
			2512.73	-49.41	-20.00	PASS
			2512.865	-49.07	-20.00	PASS
	Ant2	2412	2370.715	-49.64	-20.00	PASS
			2370.93	-49.71	-20.00	PASS
			2371.715	-49.69	-20.00	PASS
			2372.715	-49.74	-20.00	PASS
			2373.715	-49.83	-20.00	PASS
			2374.715	-49.55	-20.00	PASS
			2375.715	-49.47	-20.00	PASS
			2376.715	-49.89	-20.00	PASS
			2377.715	-49.93	-20.00	PASS
			2378.715	-49.86	-20.00	PASS
			2379.715	-49.79	-20.00	PASS
			2380.715	-49.63	-20.00	PASS
			2381.715	-49.54	-20.00	PASS
			2382.715	-49.83	-20.00	PASS
			2383.715	-49.01	-20.00	PASS
			2384.715	-49.82	-20.00	PASS
			2385.5	-49.64	-10.00	PASS
			2385.715	-49.40	-10.00	PASS
			2386.5	-49.86	-10.00	PASS
			2387.5	-49.44	-10.00	PASS
			2388.5	-49.50	-10.00	PASS
			2389.5	-49.44	-10.00	PASS
			2390.5	-49.30	-10.00	PASS
			2391.5	-49.09	-10.00	PASS
			2392.5	-48.79	-10.00	PASS
			2393.5	-48.34	-10.00	PASS
			2394.5	-47.88	-10.00	PASS

			2395.5	-48.58	-10.00	PASS
			2396.5	-46.93	-10.00	PASS
			2397.5	-44.02	-10.00	PASS
			2398.5	-40.81	-10.00	PASS
			2399.5	-38.67	-10.00	PASS
			2484	-49.36	-10.00	PASS
			2485	-49.33	-10.00	PASS
			2486	-49.72	-10.00	PASS
			2487	-49.41	-10.00	PASS
			2488	-49.62	-10.00	PASS
			2489	-49.70	-10.00	PASS
			2490	-49.61	-10.00	PASS
			2491	-49.05	-10.00	PASS
			2492	-49.65	-10.00	PASS
			2493	-49.38	-10.00	PASS
			2494	-49.57	-10.00	PASS
			2495	-49.65	-10.00	PASS
			2496	-49.82	-10.00	PASS
			2497	-49.42	-10.00	PASS
			2497.785	-49.29	-10.00	PASS
			2498	-49.57	-10.00	PASS
			2498.785	-49.37	-20.00	PASS
			2499.785	-49.25	-20.00	PASS
			2500.785	-49.47	-20.00	PASS
			2501.785	-49.41	-20.00	PASS
			2502.785	-49.15	-20.00	PASS
			2503.785	-49.30	-20.00	PASS
			2504.785	-49.44	-20.00	PASS
			2505.785	-49.41	-20.00	PASS
			2506.785	-49.36	-20.00	PASS
			2507.785	-49.46	-20.00	PASS
			2508.785	-48.87	-20.00	PASS
			2509.785	-47.97	-20.00	PASS
			2510.785	-48.96	-20.00	PASS
			2511.785	-49.04	-20.00	PASS
			2512.57	-49.24	-20.00	PASS
			2512.785	-49.58	-20.00	PASS
	Ant1	2472	2370.29	-49.05	-20.00	PASS
			2370.395	-49.29	-20.00	PASS
			2371.395	-49.83	-20.00	PASS
			2372.395	-49.89	-20.00	PASS
			2373.395	-50.00	-20.00	PASS
			2374.395	-49.47	-20.00	PASS
			2375.395	-49.47	-20.00	PASS
			2376.395	-49.76	-20.00	PASS
			2377.395	-49.63	-20.00	PASS
			2378.395	-49.88	-20.00	PASS
			2379.395	-49.77	-20.00	PASS
			2380.395	-49.65	-20.00	PASS
			2381.395	-49.70	-20.00	PASS
			2382.395	-49.90	-20.00	PASS
			2383.395	-49.61	-20.00	PASS
			2384.395	-49.53	-20.00	PASS
			2385.395	-49.52	-10.00	PASS
			2385.5	-49.76	-10.00	PASS
			2386.5	-49.88	-10.00	PASS
			2387.5	-49.74	-10.00	PASS
			2388.5	-49.04	-10.00	PASS
			2389.5	-49.78	-10.00	PASS
			2390.5	-49.62	-10.00	PASS
			2391.5	-48.88	-10.00	PASS
			2392.5	-49.10	-10.00	PASS
			2393.5	-49.47	-10.00	PASS

			2394.5	-49.65	-10.00	PASS
			2395.5	-49.73	-10.00	PASS
			2396.5	-49.68	-10.00	PASS
			2397.5	-49.76	-10.00	PASS
			2398.5	-49.77	-10.00	PASS
			2399.5	-49.51	-10.00	PASS
			2484	-41.14	-10.00	PASS
			2485	-42.84	-10.00	PASS
			2486	-44.92	-10.00	PASS
			2487	-46.57	-10.00	PASS
			2488	-48.11	-10.00	PASS
			2489	-48.32	-10.00	PASS
			2490	-48.43	-10.00	PASS
			2491	-48.73	-10.00	PASS
			2492	-48.41	-10.00	PASS
			2493	-48.80	-10.00	PASS
			2494	-49.23	-10.00	PASS
			2495	-49.67	-10.00	PASS
			2496	-49.63	-10.00	PASS
			2497	-49.26	-10.00	PASS
			2498	-49.72	-10.00	PASS
			2498.105	-49.21	-10.00	PASS
			2499.105	-49.56	-20.00	PASS
			2500.105	-49.28	-20.00	PASS
			2501.105	-48.95	-20.00	PASS
			2502.105	-49.48	-20.00	PASS
			2503.105	-49.63	-20.00	PASS
			2504.105	-49.11	-20.00	PASS
			2505.105	-49.50	-20.00	PASS
			2506.105	-49.42	-20.00	PASS
			2507.105	-49.40	-20.00	PASS
			2508.105	-49.49	-20.00	PASS
			2509.105	-48.62	-20.00	PASS
			2510.105	-49.05	-20.00	PASS
			2511.105	-49.05	-20.00	PASS
			2512.105	-49.27	-20.00	PASS
			2513.105	-49.02	-20.00	PASS
			2513.21	-48.94	-20.00	PASS
	Ant2	2472	2370.45	-49.75	-20.00	PASS
			2370.475	-49.99	-20.00	PASS
			2371.475	-49.86	-20.00	PASS
			2372.475	-49.40	-20.00	PASS
			2373.475	-49.96	-20.00	PASS
			2374.475	-49.65	-20.00	PASS
			2375.475	-49.53	-20.00	PASS
			2376.475	-49.80	-20.00	PASS
			2377.475	-49.27	-20.00	PASS
			2378.475	-49.75	-20.00	PASS
			2379.475	-49.74	-20.00	PASS
			2380.475	-50.20	-20.00	PASS
			2381.475	-49.94	-20.00	PASS
			2382.475	-49.83	-20.00	PASS
			2383.475	-49.79	-20.00	PASS
			2384.475	-49.85	-20.00	PASS
			2385.475	-49.81	-10.00	PASS
			2385.5	-49.14	-10.00	PASS
			2386.5	-49.99	-10.00	PASS
			2387.5	-49.69	-10.00	PASS
			2388.5	-49.75	-10.00	PASS
			2389.5	-49.87	-10.00	PASS
			2390.5	-49.53	-10.00	PASS
			2391.5	-50.05	-10.00	PASS
			2392.5	-49.52	-10.00	PASS

			2393.5	-49.49	-10.00	PASS
			2394.5	-49.54	-10.00	PASS
			2395.5	-49.52	-10.00	PASS
			2396.5	-49.55	-10.00	PASS
			2397.5	-49.47	-10.00	PASS
			2398.5	-49.67	-10.00	PASS
			2399.5	-49.47	-10.00	PASS
			2484	-39.47	-10.00	PASS
			2485	-41.75	-10.00	PASS
			2486	-45.18	-10.00	PASS
			2487	-47.66	-10.00	PASS
			2488	-48.14	-10.00	PASS
			2489	-48.09	-10.00	PASS
			2490	-47.82	-10.00	PASS
			2491	-48.09	-10.00	PASS
			2492	-48.69	-10.00	PASS
			2493	-48.78	-10.00	PASS
			2494	-49.05	-10.00	PASS
			2495	-49.23	-10.00	PASS
			2496	-49.26	-10.00	PASS
			2497	-48.98	-10.00	PASS
			2498	-49.20	-10.00	PASS
			2498.025	-49.30	-10.00	PASS
			2499.025	-49.20	-20.00	PASS
			2500.025	-49.20	-20.00	PASS
			2501.025	-49.29	-20.00	PASS
			2502.025	-49.23	-20.00	PASS
			2503.025	-49.14	-20.00	PASS
			2504.025	-49.34	-20.00	PASS
			2505.025	-49.23	-20.00	PASS
			2506.025	-48.83	-20.00	PASS
			2507.025	-49.33	-20.00	PASS
			2508.025	-47.33	-20.00	PASS
			2509.025	-48.82	-20.00	PASS
			2510.025	-47.82	-20.00	PASS
			2511.025	-48.49	-20.00	PASS
			2512.025	-49.31	-20.00	PASS
			2513.025	-48.40	-20.00	PASS
			2513.05	-48.82	-20.00	PASS
11G	Ant1	2412	2366.837	-49.19	-20.00	PASS
			2367.174	-49.75	-20.00	PASS
			2367.837	-49.39	-20.00	PASS
			2368.837	-49.44	-20.00	PASS
			2369.837	-49.30	-20.00	PASS
			2370.837	-49.44	-20.00	PASS
			2371.837	-49.31	-20.00	PASS
			2372.837	-49.76	-20.00	PASS
			2373.837	-48.59	-20.00	PASS
			2374.837	-49.84	-20.00	PASS
			2375.837	-49.38	-20.00	PASS
			2376.837	-49.49	-20.00	PASS
			2377.837	-49.57	-20.00	PASS
			2378.837	-49.20	-20.00	PASS
			2379.837	-49.08	-20.00	PASS
			2380.837	-49.43	-20.00	PASS
			2381.837	-49.38	-20.00	PASS
			2382.837	-49.39	-20.00	PASS
			2383.5	-49.05	-10.00	PASS
			2383.837	-49.38	-10.00	PASS
			2384.5	-49.67	-10.00	PASS
			2385.5	-49.52	-10.00	PASS
			2386.5	-49.05	-10.00	PASS
			2387.5	-49.10	-10.00	PASS

			2388.5	-48.92	-10.00	PASS
			2389.5	-47.83	-10.00	PASS
			2390.5	-46.45	-10.00	PASS
			2391.5	-45.35	-10.00	PASS
			2392.5	-44.01	-10.00	PASS
			2393.5	-42.84	-10.00	PASS
			2394.5	-42.24	-10.00	PASS
			2395.5	-41.31	-10.00	PASS
			2396.5	-40.63	-10.00	PASS
			2397.5	-39.63	-10.00	PASS
			2398.5	-38.14	-10.00	PASS
			2399.5	-35.22	-10.00	PASS
			2484	-49.85	-10.00	PASS
			2485	-49.71	-10.00	PASS
			2486	-49.41	-10.00	PASS
			2487	-49.50	-10.00	PASS
			2488	-49.70	-10.00	PASS
			2489	-49.32	-10.00	PASS
			2490	-49.80	-10.00	PASS
			2491	-49.83	-10.00	PASS
			2492	-48.34	-10.00	PASS
			2493	-49.39	-10.00	PASS
			2494	-50.01	-10.00	PASS
			2495	-49.20	-10.00	PASS
			2496	-49.18	-10.00	PASS
			2497	-50.13	-10.00	PASS
			2498	-49.45	-10.00	PASS
			2499	-49.31	-10.00	PASS
			2499.663	-50.14	-10.00	PASS
			2500	-49.63	-10.00	PASS
			2500.663	-49.43	-20.00	PASS
			2501.663	-49.68	-20.00	PASS
			2502.663	-49.27	-20.00	PASS
			2503.663	-49.15	-20.00	PASS
			2504.663	-49.41	-20.00	PASS
			2505.663	-49.53	-20.00	PASS
			2506.663	-49.72	-20.00	PASS
			2507.663	-49.38	-20.00	PASS
			2508.663	-49.44	-20.00	PASS
			2509.663	-49.06	-20.00	PASS
			2510.663	-48.35	-20.00	PASS
			2511.663	-49.37	-20.00	PASS
			2512.663	-49.36	-20.00	PASS
			2513.663	-49.52	-20.00	PASS
			2514.663	-49.20	-20.00	PASS
			2515.663	-49.22	-20.00	PASS
			2516.326	-49.48	-20.00	PASS
			2516.663	-49.45	-20.00	PASS
	Ant2	2412	2366.917	-48.89	-20.00	PASS
			2367.334	-49.05	-20.00	PASS
			2367.917	-49.27	-20.00	PASS
			2368.917	-49.21	-20.00	PASS
			2369.917	-49.44	-20.00	PASS
			2370.917	-49.20	-20.00	PASS
			2371.917	-48.89	-20.00	PASS
			2372.917	-49.25	-20.00	PASS
			2373.917	-49.42	-20.00	PASS
			2374.917	-49.05	-20.00	PASS
			2375.917	-49.29	-20.00	PASS
			2376.917	-49.17	-20.00	PASS
			2377.917	-49.09	-20.00	PASS
			2378.917	-48.99	-20.00	PASS
			2379.917	-49.20	-20.00	PASS

			2380.917	-49.23	-20.00	PASS
			2381.917	-49.45	-20.00	PASS
			2382.917	-48.71	-20.00	PASS
			2383.5	-48.98	-10.00	PASS
			2383.917	-48.93	-10.00	PASS
			2384.5	-49.30	-10.00	PASS
			2385.5	-48.88	-10.00	PASS
			2386.5	-48.86	-10.00	PASS
			2387.5	-48.29	-10.00	PASS
			2388.5	-48.53	-10.00	PASS
			2389.5	-48.11	-10.00	PASS
			2390.5	-46.11	-10.00	PASS
			2391.5	-44.22	-10.00	PASS
			2392.5	-43.22	-10.00	PASS
			2393.5	-41.58	-10.00	PASS
			2394.5	-40.94	-10.00	PASS
			2395.5	-40.86	-10.00	PASS
			2396.5	-41.27	-10.00	PASS
			2397.5	-40.60	-10.00	PASS
			2398.5	-38.60	-10.00	PASS
			2399.5	-35.34	-10.00	PASS
			2484	-49.02	-10.00	PASS
			2485	-48.45	-10.00	PASS
			2486	-48.44	-10.00	PASS
			2487	-48.62	-10.00	PASS
			2488	-48.70	-10.00	PASS
			2489	-48.74	-10.00	PASS
			2490	-48.99	-10.00	PASS
			2491	-48.70	-10.00	PASS
			2492	-48.85	-10.00	PASS
			2493	-48.83	-10.00	PASS
			2494	-48.79	-10.00	PASS
			2495	-48.96	-10.00	PASS
			2496	-48.82	-10.00	PASS
			2497	-48.65	-10.00	PASS
			2498	-49.05	-10.00	PASS
			2499	-48.84	-10.00	PASS
			2499.583	-49.32	-10.00	PASS
			2500	-48.44	-10.00	PASS
			2500.583	-48.57	-20.00	PASS
			2501.583	-48.55	-20.00	PASS
			2502.583	-48.24	-20.00	PASS
			2503.583	-48.92	-20.00	PASS
			2504.583	-48.70	-20.00	PASS
			2505.583	-48.81	-20.00	PASS
			2506.583	-48.37	-20.00	PASS
			2507.583	-48.73	-20.00	PASS
			2508.583	-48.50	-20.00	PASS
			2509.583	-48.69	-20.00	PASS
			2510.583	-46.69	-20.00	PASS
			2511.583	-48.84	-20.00	PASS
			2512.583	-48.71	-20.00	PASS
			2513.583	-48.72	-20.00	PASS
			2514.583	-48.75	-20.00	PASS
			2515.583	-48.11	-20.00	PASS
			2516.166	-48.90	-20.00	PASS
			2516.583	-48.86	-20.00	PASS
	Ant1	2472	2366.797	-49.82	-20.00	PASS
			2367.094	-49.97	-20.00	PASS
			2367.797	-49.83	-20.00	PASS
			2368.797	-49.89	-20.00	PASS
			2369.797	-49.88	-20.00	PASS
			2370.797	-49.23	-20.00	PASS

			2371.797	-50.08	-20.00	PASS
			2372.797	-49.86	-20.00	PASS
			2373.797	-49.88	-20.00	PASS
			2374.797	-49.67	-20.00	PASS
			2375.797	-49.47	-20.00	PASS
			2376.797	-49.68	-20.00	PASS
			2377.797	-49.75	-20.00	PASS
			2378.797	-50.04	-20.00	PASS
			2379.797	-49.76	-20.00	PASS
			2380.797	-49.77	-20.00	PASS
			2381.797	-49.89	-20.00	PASS
			2382.797	-49.78	-20.00	PASS
			2383.5	-49.65	-10.00	PASS
			2383.797	-49.82	-10.00	PASS
			2384.5	-49.49	-10.00	PASS
			2385.5	-49.49	-10.00	PASS
			2386.5	-49.80	-10.00	PASS
			2387.5	-49.65	-10.00	PASS
			2388.5	-49.76	-10.00	PASS
			2389.5	-48.85	-10.00	PASS
			2390.5	-49.69	-10.00	PASS
			2391.5	-48.32	-10.00	PASS
			2392.5	-48.64	-10.00	PASS
			2393.5	-49.27	-10.00	PASS
			2394.5	-49.93	-10.00	PASS
			2395.5	-49.86	-10.00	PASS
			2396.5	-49.71	-10.00	PASS
			2397.5	-49.94	-10.00	PASS
			2398.5	-49.21	-10.00	PASS
			2399.5	-49.85	-10.00	PASS
			2484	-30.86	-10.00	PASS
			2485	-34.44	-10.00	PASS
			2486	-37.58	-10.00	PASS
			2487	-37.13	-10.00	PASS
			2488	-38.31	-10.00	PASS
			2489	-38.52	-10.00	PASS
			2490	-39.10	-10.00	PASS
			2491	-40.87	-10.00	PASS
			2492	-41.65	-10.00	PASS
			2493	-42.99	-10.00	PASS
			2494	-43.85	-10.00	PASS
			2495	-45.07	-10.00	PASS
			2496	-45.55	-10.00	PASS
			2497	-46.36	-10.00	PASS
			2498	-46.46	-10.00	PASS
			2499	-46.78	-10.00	PASS
			2499.703	-47.57	-10.00	PASS
			2500	-47.51	-10.00	PASS
			2500.703	-46.72	-20.00	PASS
			2501.703	-48.05	-20.00	PASS
			2502.703	-48.50	-20.00	PASS
			2503.703	-48.46	-20.00	PASS
			2504.703	-48.73	-20.00	PASS
			2505.703	-48.69	-20.00	PASS
			2506.703	-48.22	-20.00	PASS
			2507.703	-48.62	-20.00	PASS
			2508.703	-48.88	-20.00	PASS
			2509.703	-47.76	-20.00	PASS
			2510.703	-48.91	-20.00	PASS
			2511.703	-48.77	-20.00	PASS
			2512.703	-49.37	-20.00	PASS
			2513.703	-48.79	-20.00	PASS
			2514.703	-49.16	-20.00	PASS

			2515.703	-48.81	-20.00	PASS
			2516.406	-48.88	-20.00	PASS
			2516.703	-48.26	-20.00	PASS
			2366.877	-49.41	-20.00	PASS
			2367.254	-49.39	-20.00	PASS
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			2368.877	-49.39	-20.00	PASS
			2369.877	-49.04	-20.00	PASS
			2370.877	-49.25	-20.00	PASS
			2371.877	-49.43	-20.00	PASS
			2372.877	-49.23	-20.00	PASS
			2373.877	-49.54	-20.00	PASS
			2374.877	-49.38	-20.00	PASS
			2375.877	-49.18	-20.00	PASS
			2376.877	-49.52	-20.00	PASS
			2377.877	-49.34	-20.00	PASS
			2378.877	-49.63	-20.00	PASS
			2379.877	-49.63	-20.00	PASS
			2380.877	-48.85	-20.00	PASS
			2381.877	-49.28	-20.00	PASS
			2382.877	-49.28	-20.00	PASS
			2383.5	-49.58	-10.00	PASS
			2383.877	-49.44	-10.00	PASS
			2384.5	-48.55	-10.00	PASS
			2385.5	-49.19	-10.00	PASS
			2386.5	-49.19	-10.00	PASS
			2387.5	-49.16	-10.00	PASS
			2388.5	-49.19	-10.00	PASS
			2389.5	-49.19	-10.00	PASS
			2390.5	-49.43	-10.00	PASS
			2391.5	-49.73	-10.00	PASS
			2392.5	-49.39	-10.00	PASS
			2393.5	-49.21	-10.00	PASS
			2394.5	-49.13	-10.00	PASS
			2395.5	-49.09	-10.00	PASS
			2396.5	-49.39	-10.00	PASS
			2397.5	-49.28	-10.00	PASS
			2398.5	-49.34	-10.00	PASS
			2399.5	-48.54	-10.00	PASS
			2484	-35.24	-10.00	PASS
			2485	-40.36	-10.00	PASS
			2486	-41.72	-10.00	PASS
			2487	-44.25	-10.00	PASS
			2488	-44.73	-10.00	PASS
			2489	-45.73	-10.00	PASS
			2490	-45.82	-10.00	PASS
			2491	-46.39	-10.00	PASS
			2492	-47.41	-10.00	PASS
			2493	-47.50	-10.00	PASS
			2494	-47.56	-10.00	PASS
			2495	-47.59	-10.00	PASS
			2496	-48.60	-10.00	PASS
			2497	-48.10	-10.00	PASS
			2498	-48.40	-10.00	PASS
			2499	-48.45	-10.00	PASS
			2499.623	-48.69	-10.00	PASS
			2500	-48.58	-10.00	PASS
			2500.623	-48.15	-20.00	PASS
			2501.623	-48.49	-20.00	PASS
			2502.623	-48.09	-20.00	PASS
			2503.623	-48.50	-20.00	PASS
			2504.623	-48.79	-20.00	PASS
			2505.623	-48.57	-20.00	PASS

			2506.623	-48.34	-20.00	PASS
			2507.623	-48.86	-20.00	PASS
			2508.623	-48.52	-20.00	PASS
			2509.623	-48.59	-20.00	PASS
			2510.623	-47.36	-20.00	PASS
			2511.623	-48.75	-20.00	PASS
			2512.623	-48.68	-20.00	PASS
			2513.623	-48.53	-20.00	PASS
			2514.623	-48.81	-20.00	PASS
			2515.623	-48.53	-20.00	PASS
			2516.246	-48.98	-20.00	PASS
			2516.623	-48.56	-20.00	PASS
11N20MIMO	Ant1	2412	2364.798	-49.88	-23.01	PASS
			2365.096	-49.75	-23.01	PASS
			2365.798	-49.36	-23.01	PASS
			2366.798	-49.37	-23.01	PASS
			2367.798	-49.78	-23.01	PASS
			2368.798	-49.87	-23.01	PASS
			2369.798	-49.45	-23.01	PASS
			2370.798	-49.94	-23.01	PASS
			2371.798	-49.59	-23.01	PASS
			2372.798	-49.93	-23.01	PASS
			2373.798	-50.13	-23.01	PASS
			2374.798	-50.17	-23.01	PASS
			2375.798	-49.46	-23.01	PASS
			2376.798	-49.84	-23.01	PASS
			2377.798	-49.61	-23.01	PASS
			2378.798	-49.69	-23.01	PASS
			2379.798	-49.79	-23.01	PASS
			2380.798	-49.81	-23.01	PASS
			2381.798	-50.05	-23.01	PASS
			2382.5	-49.88	-13.01	PASS
			2382.798	-49.78	-13.01	PASS
			2383.5	-49.52	-13.01	PASS
			2384.5	-49.69	-13.01	PASS
			2385.5	-49.68	-13.01	PASS
			2386.5	-49.82	-13.01	PASS
			2387.5	-49.45	-13.01	PASS
			2388.5	-49.58	-13.01	PASS
			2389.5	-49.46	-13.01	PASS
			2390.5	-49.28	-13.01	PASS
			2391.5	-48.73	-13.01	PASS
			2392.5	-48.56	-13.01	PASS
			2393.5	-48.25	-13.01	PASS
			2394.5	-48.09	-13.01	PASS
			2395.5	-47.85	-13.01	PASS
			2396.5	-47.08	-13.01	PASS
			2397.5	-46.14	-13.01	PASS
			2398.5	-44.31	-13.01	PASS
			2399.5	-39.94	-13.01	PASS
			2484	-50.01	-13.01	PASS
			2485	-49.74	-13.01	PASS
			2486	-50.08	-13.01	PASS
			2487	-50.00	-13.01	PASS
			2488	-50.16	-13.01	PASS
			2489	-49.83	-13.01	PASS
			2490	-50.06	-13.01	PASS
			2491	-49.90	-13.01	PASS
			2492	-47.96	-13.01	PASS
			2493	-49.69	-13.01	PASS
			2494	-50.15	-13.01	PASS
			2495	-49.90	-13.01	PASS
			2496	-50.23	-13.01	PASS

			2497	-50.05	-13.01	PASS
			2498	-50.19	-13.01	PASS
			2499	-50.11	-13.01	PASS
			2500	-49.37	-13.01	PASS
			2500.702	-49.99	-13.01	PASS
			2501	-49.12	-13.01	PASS
			2501.702	-49.99	-23.01	PASS
			2502.702	-49.73	-23.01	PASS
			2503.702	-49.25	-23.01	PASS
			2504.702	-49.48	-23.01	PASS
			2505.702	-49.24	-23.01	PASS
			2506.702	-49.81	-23.01	PASS
			2507.702	-49.05	-23.01	PASS
			2508.702	-49.46	-23.01	PASS
			2509.702	-48.61	-23.01	PASS
			2510.702	-49.53	-23.01	PASS
			2511.702	-49.48	-23.01	PASS
			2512.702	-49.43	-23.01	PASS
			2513.702	-49.70	-23.01	PASS
			2514.702	-49.90	-23.01	PASS
			2515.702	-49.64	-23.01	PASS
			2516.702	-49.09	-23.01	PASS
			2517.702	-49.70	-23.01	PASS
			2518.404	-49.63	-23.01	PASS
			2518.702	-49.48	-23.01	PASS
	Ant2	2412	2364.798	-49.75	-23.01	PASS
			2365.096	-50.27	-23.01	PASS
			2365.798	-49.86	-23.01	PASS
			2366.798	-49.76	-23.01	PASS
			2367.798	-49.99	-23.01	PASS
			2368.798	-49.97	-23.01	PASS
			2369.798	-49.86	-23.01	PASS
			2370.798	-50.06	-23.01	PASS
			2371.798	-50.18	-23.01	PASS
			2372.798	-49.99	-23.01	PASS
			2373.798	-50.03	-23.01	PASS
			2374.798	-49.87	-23.01	PASS
			2375.798	-49.93	-23.01	PASS
			2376.798	-49.86	-23.01	PASS
			2377.798	-49.13	-23.01	PASS
			2378.798	-50.04	-23.01	PASS
			2379.798	-50.05	-23.01	PASS
			2380.798	-49.97	-23.01	PASS
			2381.798	-49.88	-23.01	PASS
			2382.5	-49.53	-13.01	PASS
			2382.798	-49.46	-13.01	PASS
			2383.5	-49.75	-13.01	PASS
			2384.5	-50.03	-13.01	PASS
			2385.5	-50.04	-13.01	PASS
			2386.5	-49.08	-13.01	PASS
			2387.5	-50.01	-13.01	PASS
			2388.5	-49.32	-13.01	PASS
			2389.5	-49.70	-13.01	PASS
			2390.5	-49.49	-13.01	PASS
			2391.5	-48.63	-13.01	PASS
			2392.5	-49.25	-13.01	PASS
			2393.5	-48.96	-13.01	PASS
			2394.5	-48.66	-13.01	PASS
			2395.5	-48.19	-13.01	PASS
			2396.5	-47.97	-13.01	PASS
			2397.5	-47.19	-13.01	PASS
			2398.5	-45.69	-13.01	PASS
			2399.5	-40.69	-13.01	PASS

			2484	-49.95	-13.01	PASS
			2485	-49.73	-13.01	PASS
			2486	-49.37	-13.01	PASS
			2487	-50.04	-13.01	PASS
			2488	-49.77	-13.01	PASS
			2489	-49.69	-13.01	PASS
			2490	-50.04	-13.01	PASS
			2491	-49.75	-13.01	PASS
			2492	-49.76	-13.01	PASS
			2493	-49.43	-13.01	PASS
			2494	-49.82	-13.01	PASS
			2495	-49.68	-13.01	PASS
			2496	-49.79	-13.01	PASS
			2497	-49.72	-13.01	PASS
			2498	-49.79	-13.01	PASS
			2499	-50.02	-13.01	PASS
			2500	-50.03	-13.01	PASS
			2500.702	-49.28	-13.01	PASS
			2501	-49.60	-13.01	PASS
			2501.702	-49.62	-23.01	PASS
			2502.702	-49.71	-23.01	PASS
			2503.702	-49.48	-23.01	PASS
			2504.702	-49.52	-23.01	PASS
			2505.702	-49.73	-23.01	PASS
			2506.702	-49.55	-23.01	PASS
			2507.702	-49.72	-23.01	PASS
			2508.702	-49.21	-23.01	PASS
			2509.702	-48.06	-23.01	PASS
			2510.702	-49.43	-23.01	PASS
			2511.702	-49.56	-23.01	PASS
			2512.702	-49.41	-23.01	PASS
			2513.702	-49.81	-23.01	PASS
			2514.702	-49.69	-23.01	PASS
			2515.702	-49.37	-23.01	PASS
			2516.702	-49.46	-23.01	PASS
			2517.702	-49.79	-23.01	PASS
			2518.404	-49.67	-23.01	PASS
			2518.702	-49.84	-23.01	PASS
	Ant1	2472	2364.758	-49.53	-23.01	PASS
			2365.016	-50.07	-23.01	PASS
			2365.758	-49.55	-23.01	PASS
			2366.758	-49.94	-23.01	PASS
			2367.758	-50.26	-23.01	PASS
			2368.758	-50.07	-23.01	PASS
			2369.758	-50.16	-23.01	PASS
			2370.758	-50.09	-23.01	PASS
			2371.758	-50.27	-23.01	PASS
			2372.758	-50.40	-23.01	PASS
			2373.758	-49.84	-23.01	PASS
			2374.758	-50.14	-23.01	PASS
			2375.758	-50.28	-23.01	PASS
			2376.758	-50.09	-23.01	PASS
			2377.758	-50.24	-23.01	PASS
			2378.758	-49.88	-23.01	PASS
			2379.758	-50.23	-23.01	PASS
			2380.758	-50.27	-23.01	PASS
			2381.758	-50.25	-23.01	PASS
			2382.5	-50.17	-13.01	PASS
			2382.758	-50.37	-13.01	PASS
			2383.5	-50.49	-13.01	PASS
			2384.5	-49.93	-13.01	PASS
			2385.5	-50.02	-13.01	PASS
			2386.5	-50.15	-13.01	PASS

			2387.5	-50.26	-13.01	PASS
			2388.5	-49.64	-13.01	PASS
			2389.5	-50.32	-13.01	PASS
			2390.5	-49.95	-13.01	PASS
			2391.5	-49.68	-13.01	PASS
			2392.5	-49.71	-13.01	PASS
			2393.5	-50.47	-13.01	PASS
			2394.5	-50.37	-13.01	PASS
			2395.5	-49.94	-13.01	PASS
			2396.5	-50.13	-13.01	PASS
			2397.5	-49.95	-13.01	PASS
			2398.5	-50.17	-13.01	PASS
			2399.5	-50.34	-13.01	PASS
			2484	-36.43	-13.01	PASS
			2485	-41.60	-13.01	PASS
			2486	-45.45	-13.01	PASS
			2487	-45.72	-13.01	PASS
			2488	-46.46	-13.01	PASS
			2489	-47.48	-13.01	PASS
			2490	-47.93	-13.01	PASS
			2491	-48.43	-13.01	PASS
			2492	-48.36	-13.01	PASS
			2493	-49.22	-13.01	PASS
			2494	-49.60	-13.01	PASS
			2495	-49.27	-13.01	PASS
			2496	-49.32	-13.01	PASS
			2497	-49.84	-13.01	PASS
			2498	-49.99	-13.01	PASS
			2499	-50.19	-13.01	PASS
			2500	-49.81	-13.01	PASS
			2500.742	-49.61	-13.01	PASS
			2501	-49.76	-13.01	PASS
			2501.742	-49.72	-23.01	PASS
			2502.742	-49.43	-23.01	PASS
			2503.742	-48.98	-23.01	PASS
			2504.742	-49.81	-23.01	PASS
			2505.742	-49.76	-23.01	PASS
			2506.742	-49.80	-23.01	PASS
			2507.742	-49.22	-23.01	PASS
			2508.742	-49.92	-23.01	PASS
			2509.742	-48.38	-23.01	PASS
			2510.742	-49.32	-23.01	PASS
			2511.742	-49.60	-23.01	PASS
			2512.742	-49.17	-23.01	PASS
			2513.742	-49.50	-23.01	PASS
			2514.742	-49.79	-23.01	PASS
			2515.742	-50.01	-23.01	PASS
			2516.742	-49.83	-23.01	PASS
			2517.742	-49.44	-23.01	PASS
			2518.484	-49.85	-23.01	PASS
			2518.742	-49.77	-23.01	PASS
	Ant2	2472	2364.758	-50.30	-23.01	PASS
			2365.016	-50.36	-23.01	PASS
			2365.758	-50.32	-23.01	PASS
			2366.758	-50.08	-23.01	PASS
			2367.758	-50.05	-23.01	PASS
			2368.758	-49.69	-23.01	PASS
			2369.758	-50.04	-23.01	PASS
			2370.758	-50.07	-23.01	PASS
			2371.758	-49.85	-23.01	PASS
			2372.758	-49.67	-23.01	PASS
			2373.758	-50.00	-23.01	PASS
			2374.758	-50.08	-23.01	PASS

		2375.758	-50.02	-23.01	PASS
		2376.758	-50.23	-23.01	PASS
		2377.758	-49.95	-23.01	PASS
		2378.758	-50.40	-23.01	PASS
		2379.758	-50.27	-23.01	PASS
		2380.758	-49.87	-23.01	PASS
		2381.758	-50.04	-23.01	PASS
		2382.5	-50.00	-13.01	PASS
		2382.758	-50.29	-13.01	PASS
		2383.5	-49.66	-13.01	PASS
		2384.5	-49.32	-13.01	PASS
		2385.5	-50.11	-13.01	PASS
		2386.5	-49.98	-13.01	PASS
		2387.5	-50.28	-13.01	PASS
		2388.5	-50.00	-13.01	PASS
		2389.5	-49.74	-13.01	PASS
		2390.5	-50.06	-13.01	PASS
		2391.5	-49.90	-13.01	PASS
		2392.5	-50.08	-13.01	PASS
		2393.5	-50.04	-13.01	PASS
		2394.5	-50.10	-13.01	PASS
		2395.5	-49.31	-13.01	PASS
		2396.5	-49.99	-13.01	PASS
		2397.5	-49.72	-13.01	PASS
		2398.5	-49.59	-13.01	PASS
		2399.5	-49.19	-13.01	PASS
		2484	-36.09	-13.01	PASS
		2485	-41.51	-13.01	PASS
		2486	-45.87	-13.01	PASS
		2487	-46.50	-13.01	PASS
		2488	-46.88	-13.01	PASS
		2489	-45.94	-13.01	PASS
		2490	-47.61	-13.01	PASS
		2491	-47.48	-13.01	PASS
		2492	-47.98	-13.01	PASS
		2493	-48.66	-13.01	PASS
		2494	-48.74	-13.01	PASS
		2495	-49.55	-13.01	PASS
		2496	-49.40	-13.01	PASS
		2497	-49.47	-13.01	PASS
		2498	-49.25	-13.01	PASS
		2499	-49.26	-13.01	PASS
		2500	-49.65	-13.01	PASS
		2500.742	-49.40	-13.01	PASS
		2501	-49.39	-13.01	PASS
		2501.742	-49.33	-23.01	PASS
		2502.742	-49.71	-23.01	PASS
		2503.742	-49.14	-23.01	PASS
		2504.742	-49.41	-23.01	PASS
		2505.742	-49.02	-23.01	PASS
		2506.742	-49.19	-23.01	PASS
		2507.742	-49.27	-23.01	PASS
		2508.742	-49.48	-23.01	PASS
		2509.742	-47.97	-23.01	PASS
		2510.742	-49.11	-23.01	PASS
		2511.742	-49.47	-23.01	PASS
		2512.742	-49.22	-23.01	PASS
		2513.742	-49.62	-23.01	PASS
		2514.742	-49.61	-23.01	PASS
		2515.742	-49.46	-23.01	PASS
		2516.742	-49.40	-23.01	PASS
		2517.742	-49.07	-23.01	PASS
		2518.484	-49.41	-23.01	PASS

			2518.742	-49.57	-23.01	PASS
11N40MIMO	Ant1	2422	2328.092	-50.74	-23.01	PASS
			2328.296	-51.30	-23.01	PASS
			2329.296	-51.13	-23.01	PASS
			2330.296	-50.72	-23.01	PASS
			2331.296	-51.17	-23.01	PASS
			2332.296	-51.07	-23.01	PASS
			2333.296	-50.45	-23.01	PASS
			2334.296	-51.15	-23.01	PASS
			2335.296	-51.00	-23.01	PASS
			2336.296	-51.04	-23.01	PASS
			2337.296	-51.24	-23.01	PASS
			2338.296	-51.04	-23.01	PASS
			2339.296	-51.07	-23.01	PASS
			2340.296	-51.02	-23.01	PASS
			2341.296	-50.78	-23.01	PASS
			2342.296	-49.27	-23.01	PASS
			2343.296	-50.92	-23.01	PASS
			2344.296	-50.54	-23.01	PASS
			2345.296	-51.04	-23.01	PASS
			2346.296	-50.81	-23.01	PASS
			2347.296	-51.03	-23.01	PASS
			2348.296	-50.39	-23.01	PASS
			2349.296	-51.12	-23.01	PASS
			2350.296	-51.36	-23.01	PASS
			2351.296	-51.20	-23.01	PASS
			2352.296	-50.84	-23.01	PASS
			2353.296	-51.02	-23.01	PASS
			2354.296	-50.53	-23.01	PASS
			2355.296	-51.24	-23.01	PASS
			2356.296	-51.17	-23.01	PASS
			2357.296	-51.00	-23.01	PASS
			2358.296	-51.06	-23.01	PASS
			2359.296	-50.77	-23.01	PASS
			2360.296	-51.28	-23.01	PASS
			2361.296	-51.41	-23.01	PASS
			2362.296	-50.82	-23.01	PASS
			2363.296	-51.11	-23.01	PASS
			2364.296	-50.85	-13.01	PASS
			2364.5	-51.35	-13.01	PASS
			2365.5	-50.95	-13.01	PASS
			2366.5	-50.89	-13.01	PASS
			2367.5	-50.88	-13.01	PASS
			2368.5	-51.22	-13.01	PASS
			2369.5	-51.14	-13.01	PASS
			2370.5	-51.04	-13.01	PASS
			2371.5	-51.14	-13.01	PASS
			2372.5	-50.74	-13.01	PASS
			2373.5	-50.85	-13.01	PASS
			2374.5	-50.74	-13.01	PASS
			2375.5	-50.91	-13.01	PASS
			2376.5	-50.48	-13.01	PASS
			2377.5	-51.07	-13.01	PASS
			2378.5	-50.82	-13.01	PASS
			2379.5	-51.13	-13.01	PASS
			2380.5	-50.58	-13.01	PASS
			2381.5	-50.45	-13.01	PASS
			2382.5	-50.74	-13.01	PASS
			2383.5	-50.48	-13.01	PASS
			2384.5	-49.26	-13.01	PASS
			2385.5	-49.08	-13.01	PASS
			2386.5	-49.36	-13.01	PASS
			2387.5	-49.32	-13.01	PASS

			2388.5	-49.31	-13.01	PASS
			2389.5	-49.10	-13.01	PASS
			2390.5	-49.15	-13.01	PASS
			2391.5	-48.37	-13.01	PASS
			2392.5	-48.38	-13.01	PASS
			2393.5	-47.96	-13.01	PASS
			2394.5	-47.34	-13.01	PASS
			2395.5	-47.70	-13.01	PASS
			2396.5	-46.88	-13.01	PASS
			2397.5	-45.68	-13.01	PASS
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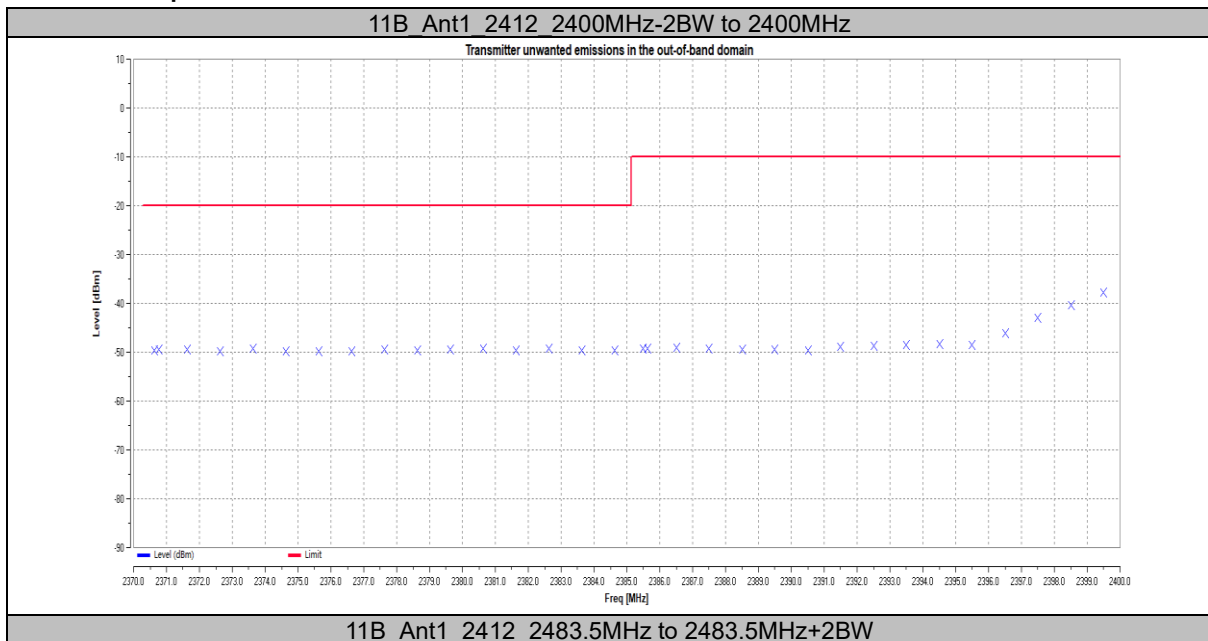
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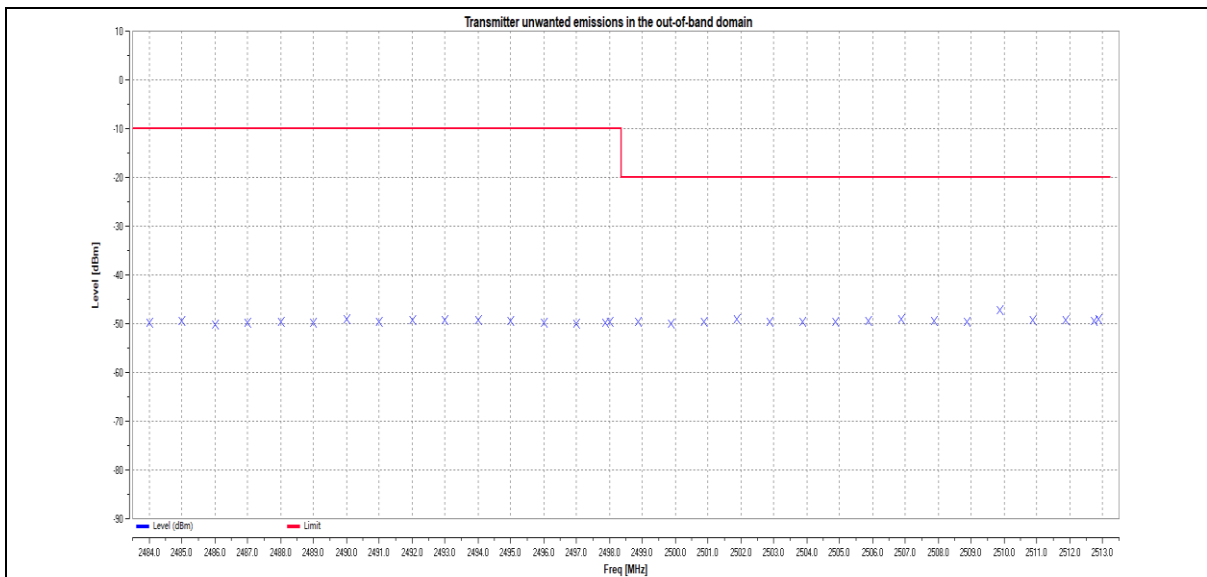
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			2335.376	-50.97	-23.01	PASS
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			2364.376	-51.33	-13.01	PASS
			2364.5	-51.16	-13.01	PASS
			2365.5	-51.02	-13.01	PASS
			2366.5	-50.78	-13.01	PASS
			2367.5	-50.99	-13.01	PASS
			2368.5	-50.75	-13.01	PASS
			2369.5	-50.69	-13.01	PASS
			2370.5	-51.15	-13.01	PASS
			2371.5	-51.13	-13.01	PASS
			2372.5	-51.13	-13.01	PASS
			2373.5	-51.33	-13.01	PASS
			2374.5	-51.12	-13.01	PASS
			2375.5	-50.94	-13.01	PASS
			2376.5	-50.97	-13.01	PASS
			2377.5	-51.01	-13.01	PASS
			2378.5	-51.16	-13.01	PASS
			2379.5	-50.31	-13.01	PASS
			2380.5	-50.58	-13.01	PASS
			2381.5	-50.90	-13.01	PASS
			2382.5	-50.97	-13.01	PASS
			2383.5	-50.96	-13.01	PASS
			2384.5	-51.09	-13.01	PASS

			2385.5	-51.18	-13.01	PASS
			2386.5	-51.08	-13.01	PASS
			2387.5	-51.09	-13.01	PASS
			2388.5	-51.12	-13.01	PASS
			2389.5	-51.15	-13.01	PASS
			2390.5	-50.21	-13.01	PASS
			2391.5	-51.09	-13.01	PASS
			2392.5	-50.86	-13.01	PASS
			2393.5	-51.26	-13.01	PASS
			2394.5	-50.90	-13.01	PASS
			2395.5	-50.60	-13.01	PASS
			2396.5	-51.18	-13.01	PASS
			2397.5	-50.98	-13.01	PASS
			2398.5	-50.87	-13.01	PASS
			2399.5	-50.15	-13.01	PASS
			2484	-45.71	-13.01	PASS
			2485	-46.06	-13.01	PASS
			2486	-45.65	-13.01	PASS
			2487	-46.04	-13.01	PASS
			2488	-47.73	-13.01	PASS
			2489	-47.04	-13.01	PASS
			2490	-47.90	-13.01	PASS
			2491	-48.06	-13.01	PASS
			2492	-47.79	-13.01	PASS
			2493	-48.58	-13.01	PASS
			2494	-48.34	-13.01	PASS
			2495	-49.19	-13.01	PASS
			2496	-48.99	-13.01	PASS
			2497	-49.61	-13.01	PASS
			2498	-49.32	-13.01	PASS
			2499	-49.74	-13.01	PASS
			2500	-49.91	-13.01	PASS
			2501	-49.87	-13.01	PASS
			2502	-49.79	-13.01	PASS
			2503	-49.57	-13.01	PASS
			2504	-50.05	-13.01	PASS
			2505	-49.76	-13.01	PASS
			2506	-50.21	-13.01	PASS
			2507	-49.81	-13.01	PASS
			2508	-49.78	-13.01	PASS
			2509	-50.23	-13.01	PASS
			2510	-49.96	-13.01	PASS
			2511	-49.51	-13.01	PASS
			2512	-49.92	-13.01	PASS
			2513	-50.51	-13.01	PASS
			2514	-50.04	-13.01	PASS
			2515	-49.31	-13.01	PASS
			2516	-50.27	-13.01	PASS
			2517	-50.47	-13.01	PASS
			2518	-50.19	-13.01	PASS
			2519	-50.25	-13.01	PASS
			2519.124	-49.76	-13.01	PASS
			2520.124	-49.45	-23.01	PASS
			2521.124	-50.26	-23.01	PASS
			2522.124	-50.70	-23.01	PASS
			2523.124	-50.53	-23.01	PASS
			2524.124	-50.33	-23.01	PASS
			2525.124	-50.12	-23.01	PASS
			2526.124	-50.39	-23.01	PASS
			2527.124	-50.27	-23.01	PASS
			2528.124	-50.54	-23.01	PASS
			2529.124	-50.26	-23.01	PASS
			2530.124	-50.49	-23.01	PASS

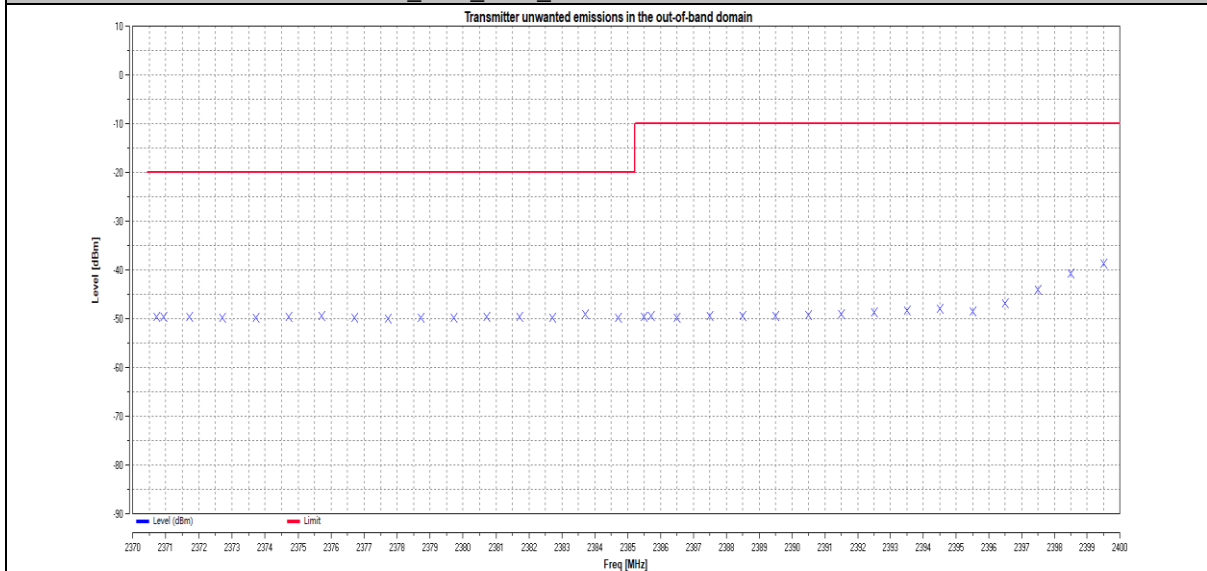
			2531.124	-50.25	-23.01	PASS
			2532.124	-50.30	-23.01	PASS
			2533.124	-50.03	-23.01	PASS
			2534.124	-50.27	-23.01	PASS
			2535.124	-50.58	-23.01	PASS
			2536.124	-50.67	-23.01	PASS
			2537.124	-50.48	-23.01	PASS
			2538.124	-50.22	-23.01	PASS
			2539.124	-50.33	-23.01	PASS
			2540.124	-50.42	-23.01	PASS
			2541.124	-50.43	-23.01	PASS
			2542.124	-50.47	-23.01	PASS
			2543.124	-50.33	-23.01	PASS
			2544.124	-50.21	-23.01	PASS
			2545.124	-50.26	-23.01	PASS
			2546.124	-50.30	-23.01	PASS
			2547.124	-50.30	-23.01	PASS
			2548.124	-50.38	-23.01	PASS
			2549.124	-50.17	-23.01	PASS
			2550.124	-50.26	-23.01	PASS
			2551.124	-50.68	-23.01	PASS
			2552.124	-49.56	-23.01	PASS
			2553.124	-49.48	-23.01	PASS
			2554.124	-50.54	-23.01	PASS
			2555.124	-50.40	-23.01	PASS
			2555.248	-50.30	-23.01	PASS

10.3 Test Graph

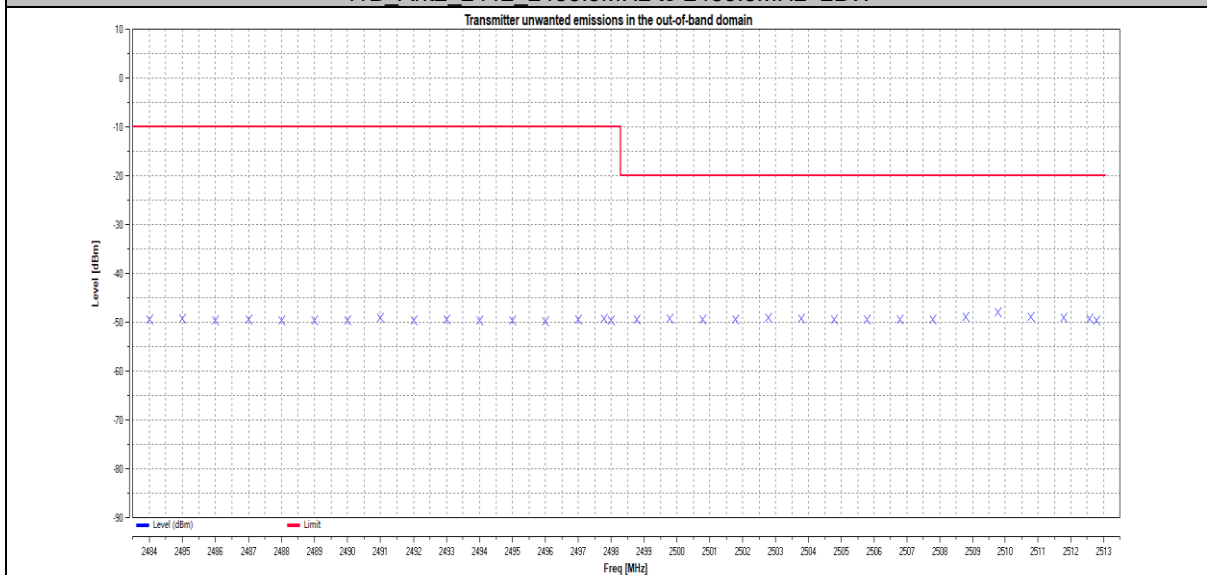




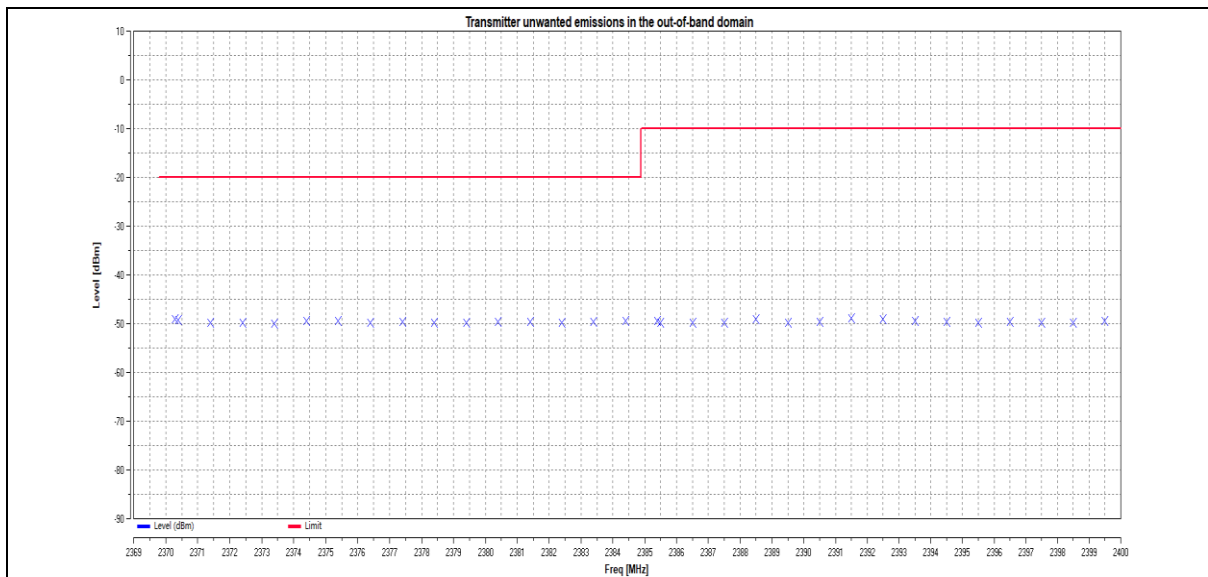
11B_Ant2_2412_2400MHz-2BW to 2400MHz



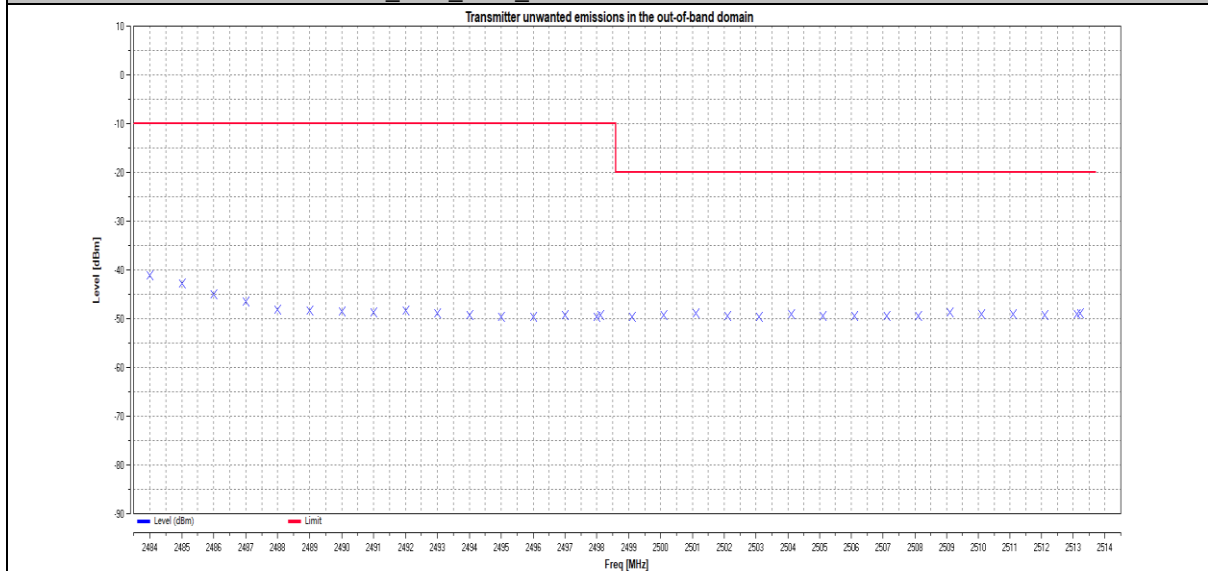
11B_Ant2_2412_2483.5MHz to 2483.5MHz+2BW



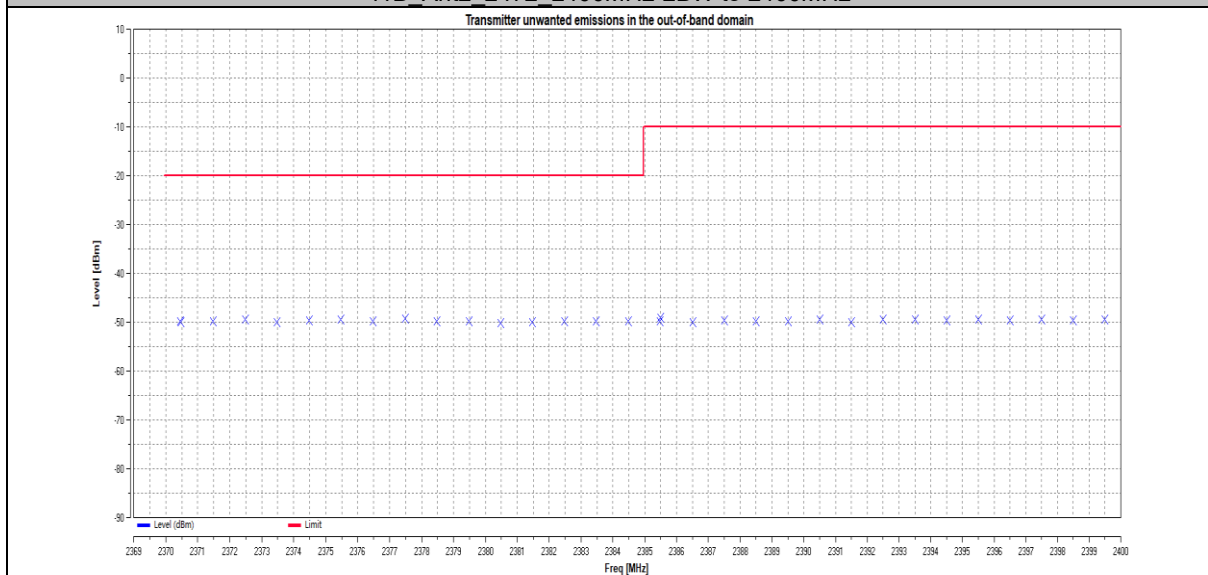
11B_Ant1_2472_2400MHz-2BW to 2400MHz



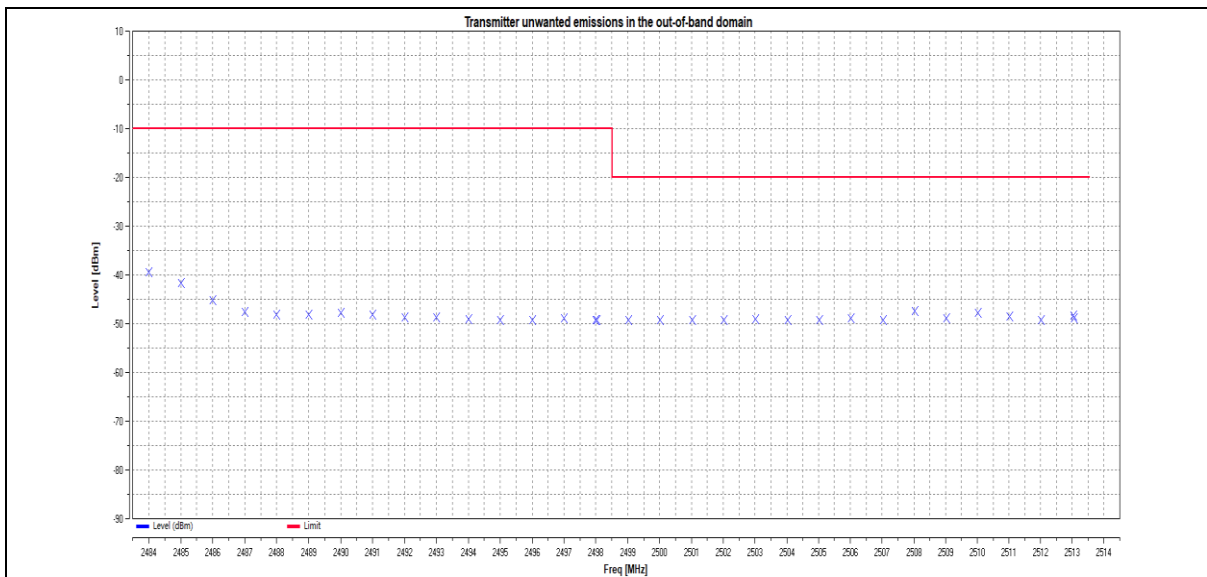
11B_Ant1_2472_2483.5MHz to 2483.5MHz+2BW



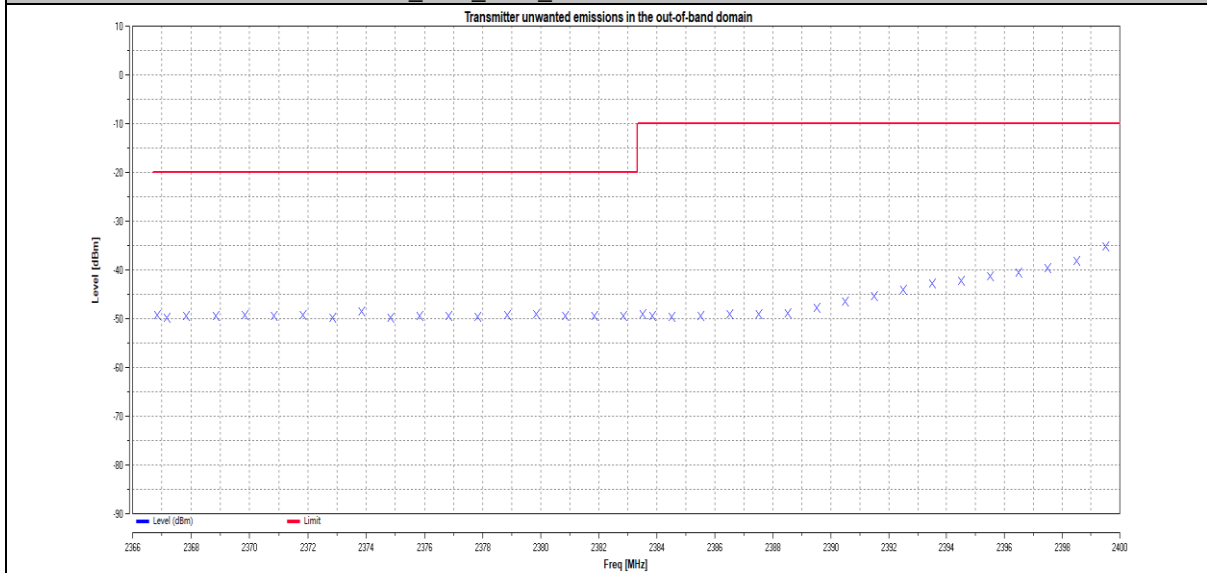
11B_Ant2_2472_2400MHz-2BW to 2400MHz



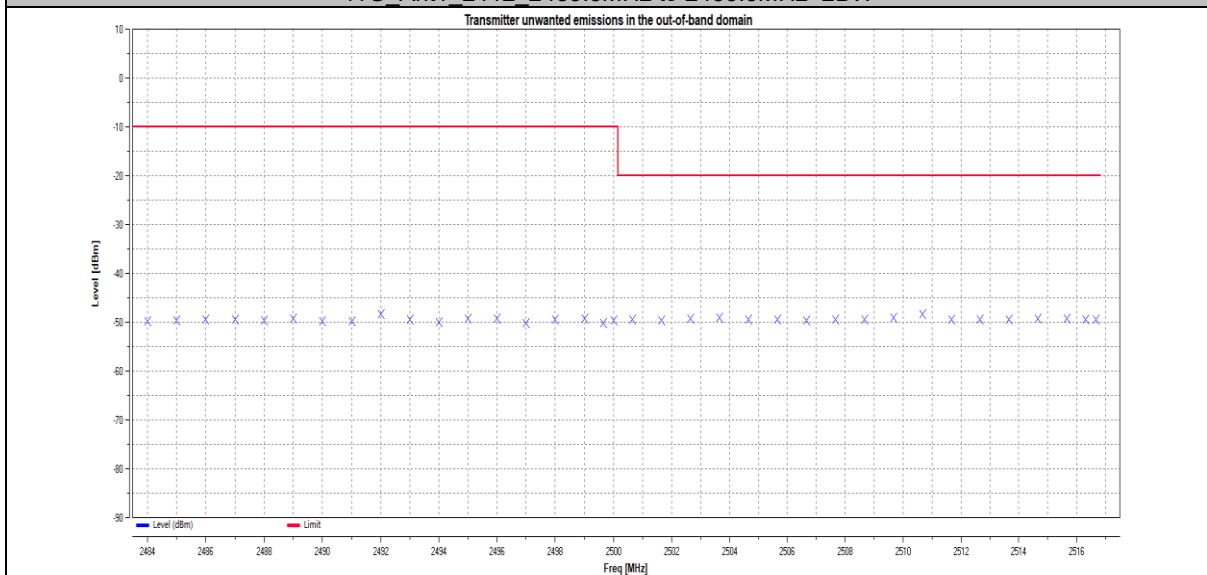
11B_Ant2_2472_2483.5MHz to 2483.5MHz+2BW



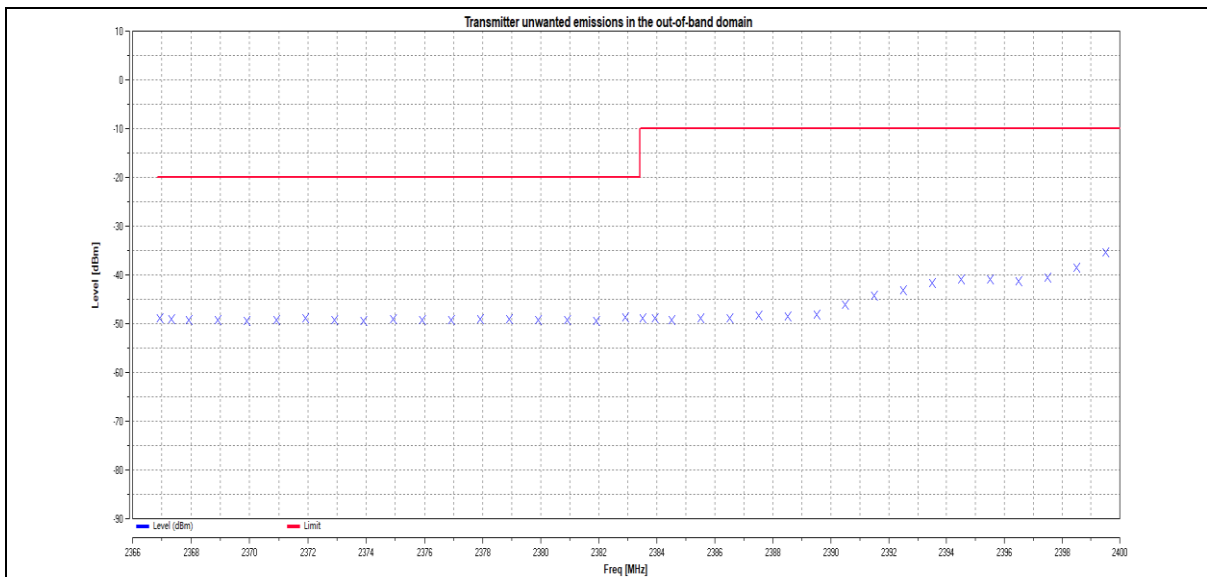
11G_Ant1_2412_2400MHz-2BW to 2400MHz



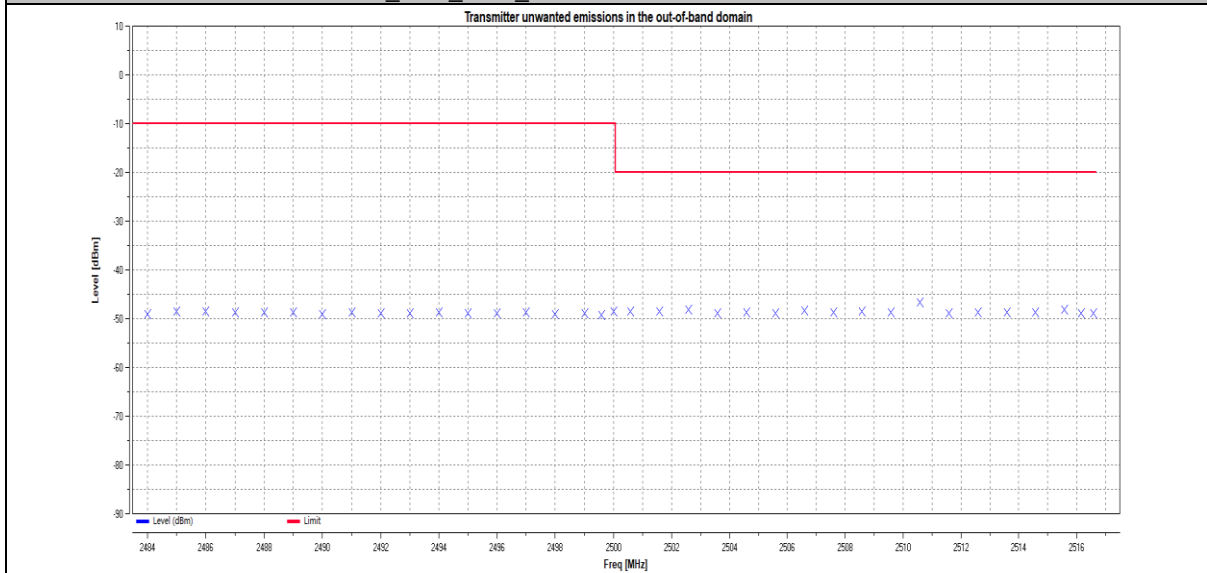
11G_Ant1_2412_2483.5MHz to 2483.5MHz+2BW



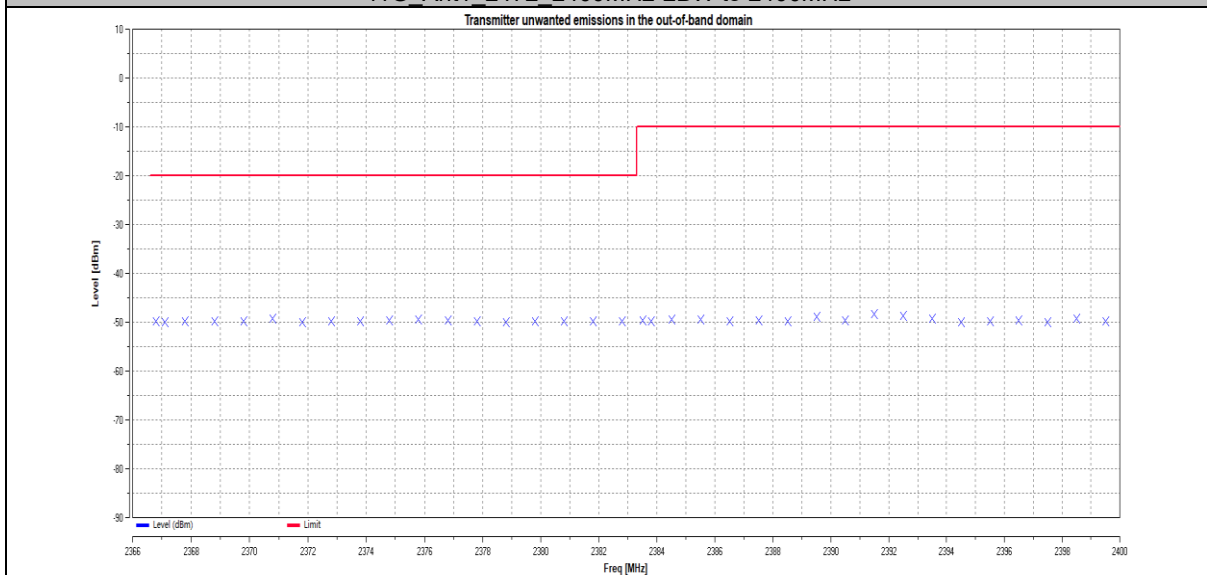
11G_Ant2_2412_2400MHz-2BW to 2400MHz



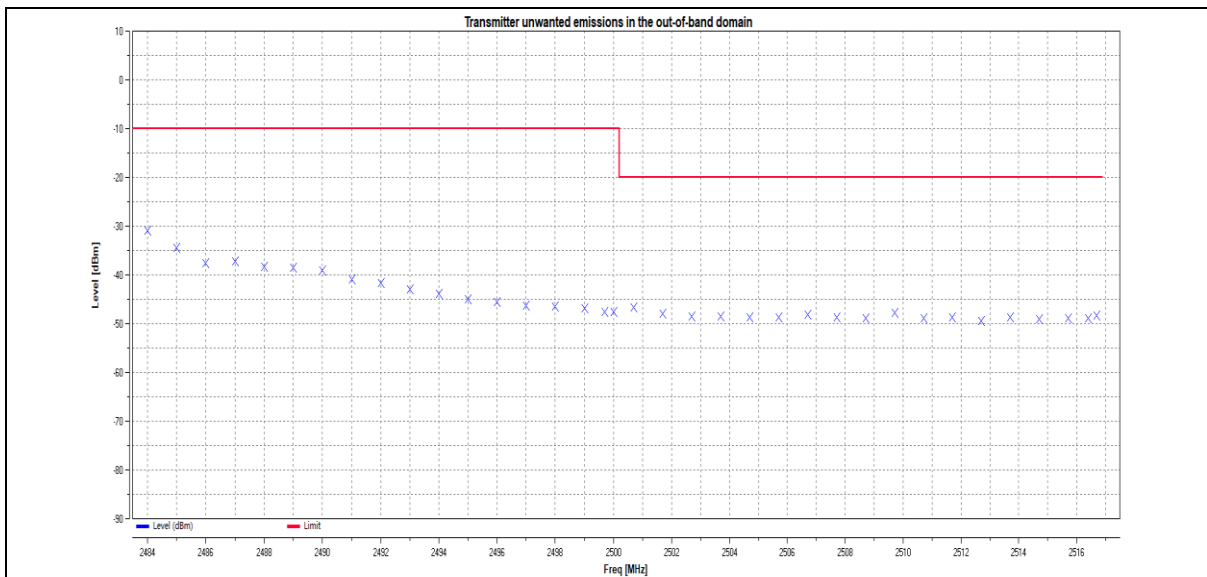
11G_Ant2 2412 2483.5MHz to 2483.5MHz+2BW



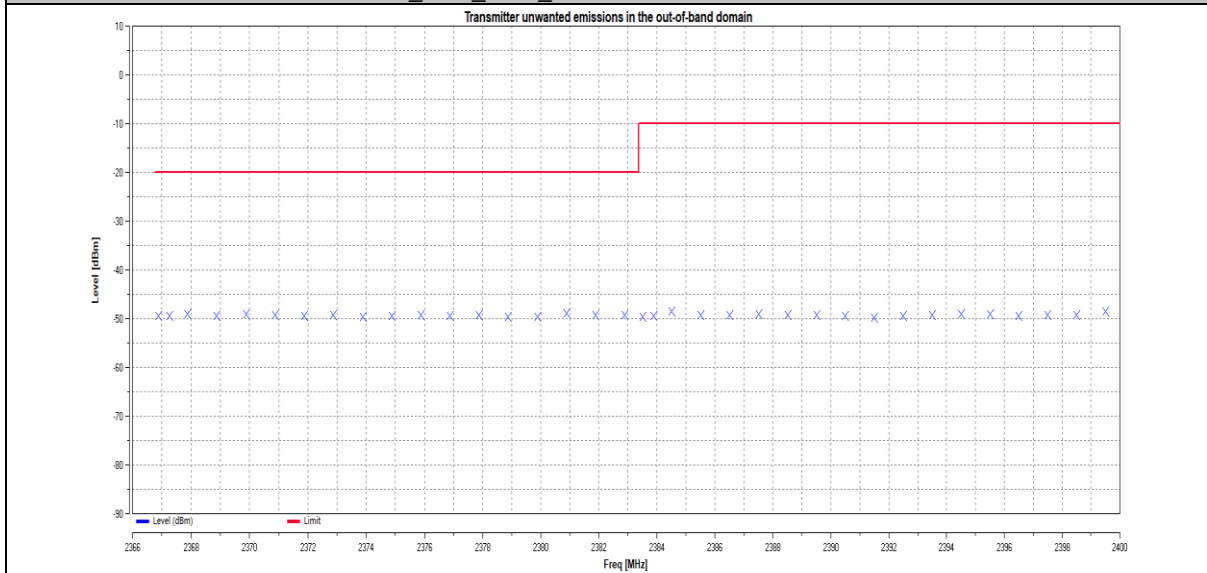
11G_Ant1 2472 2400MHz-2BW to 2400MHz



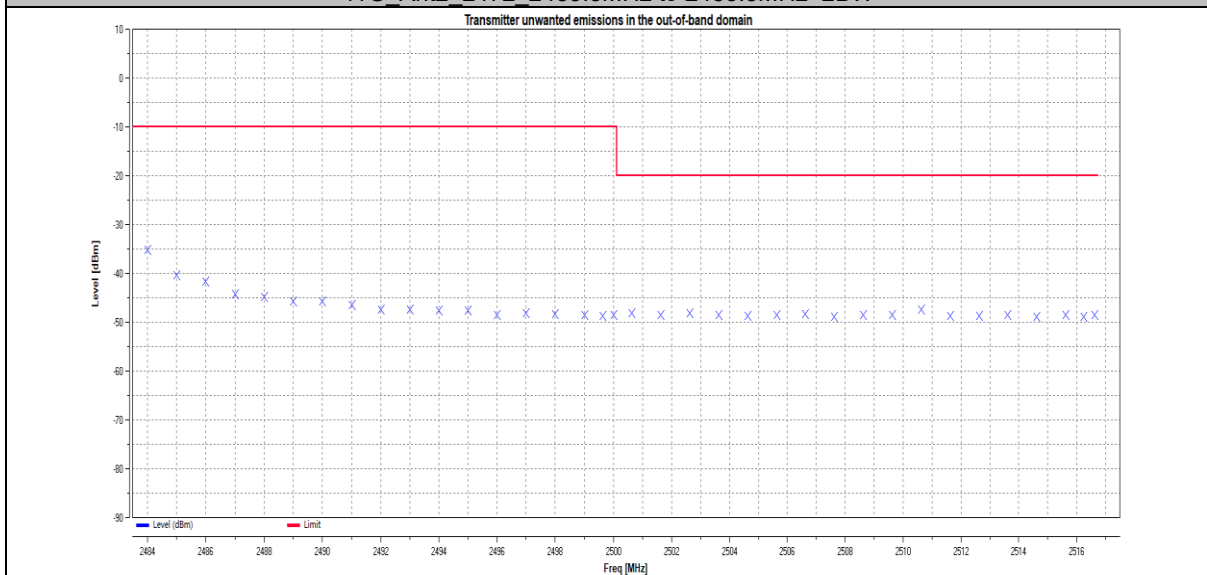
11G_Ant1 2472 2483.5MHz to 2483.5MHz+2BW



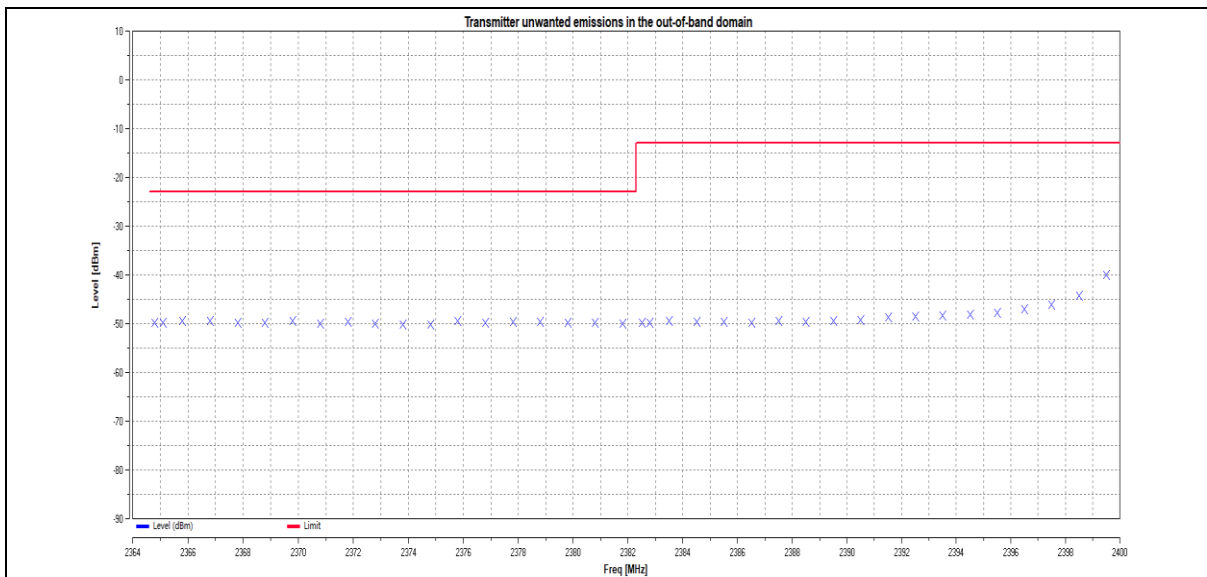
11G_Ant2_2472_2400MHz-2BW to 2400MHz



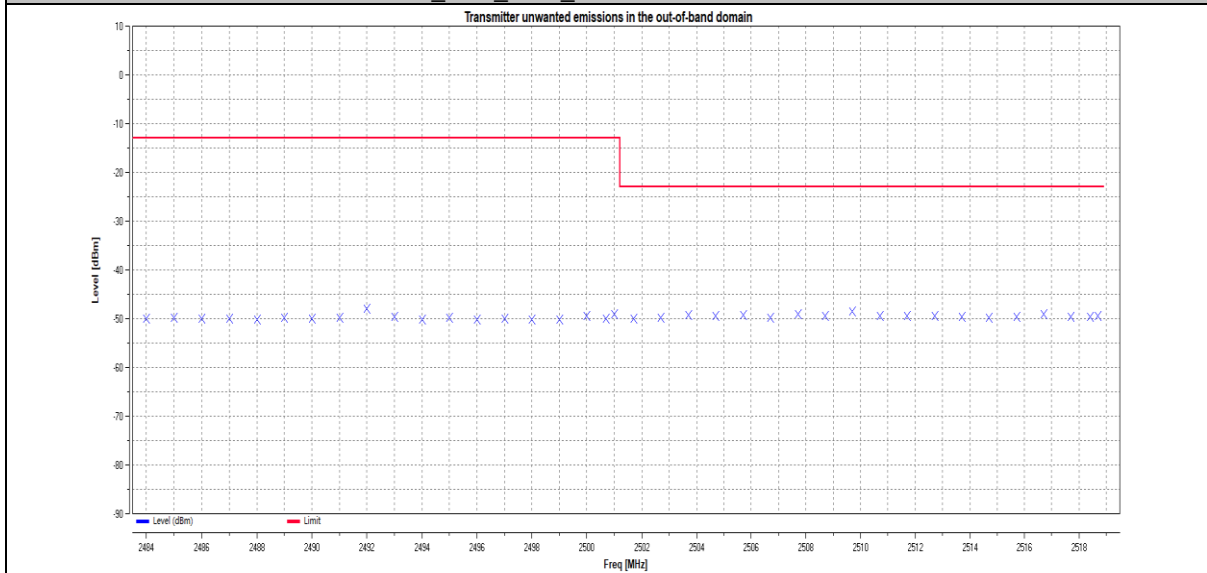
11G_Ant2_2472_2483.5MHz to 2483.5MHz+2BW



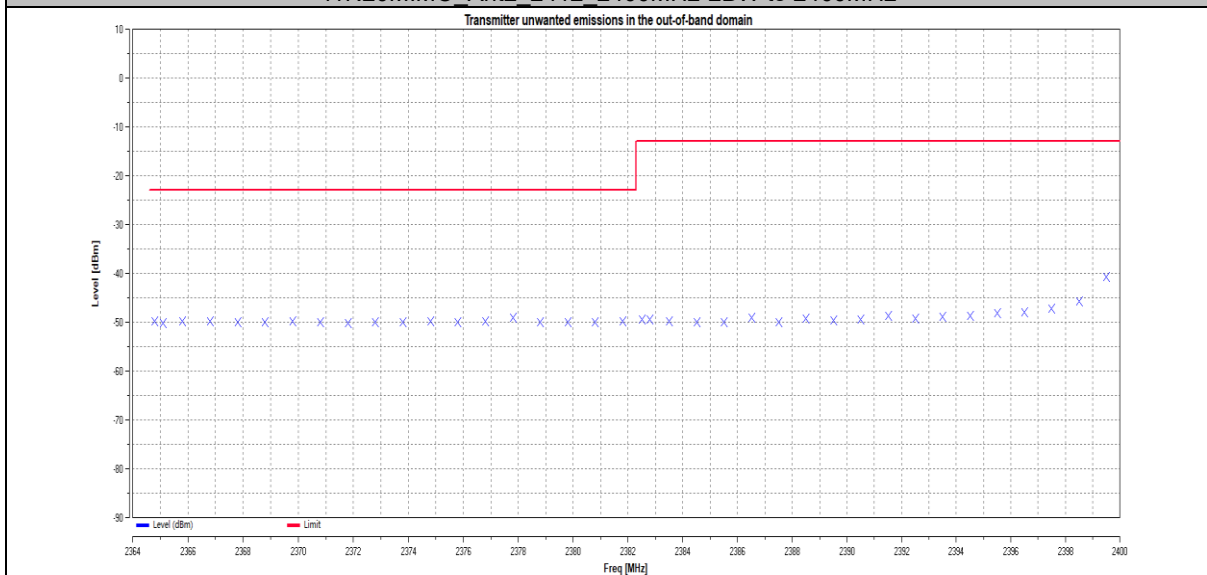
11N20MIMO Ant1_2412_2400MHz-2BW to 2400MHz



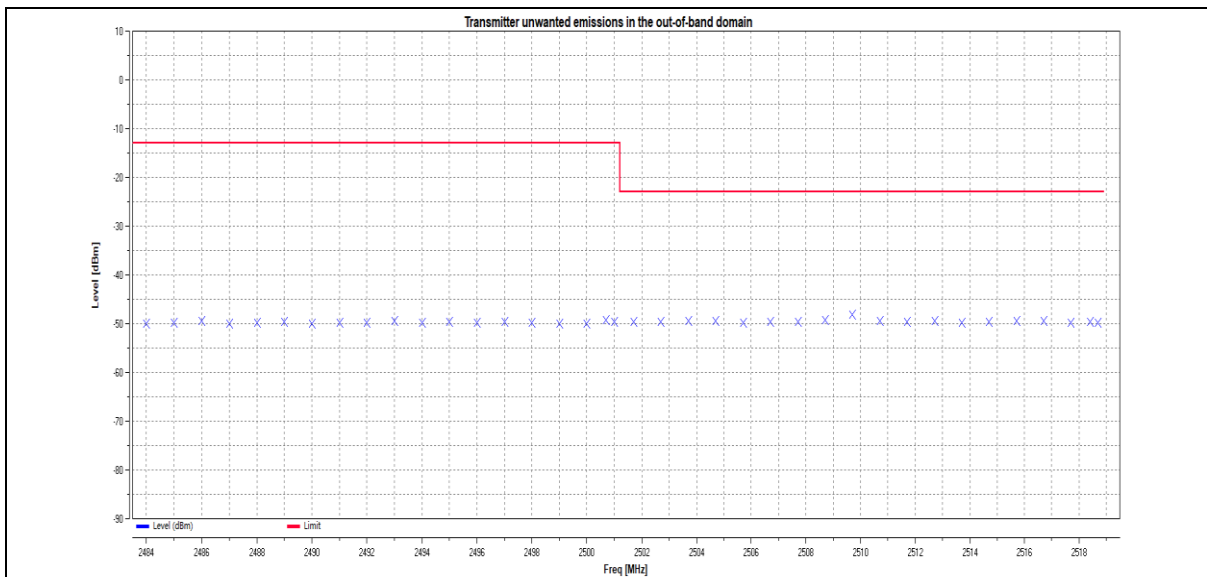
11N20MIMO_Ant1_2412_2483.5MHz to 2483.5MHz+2BW



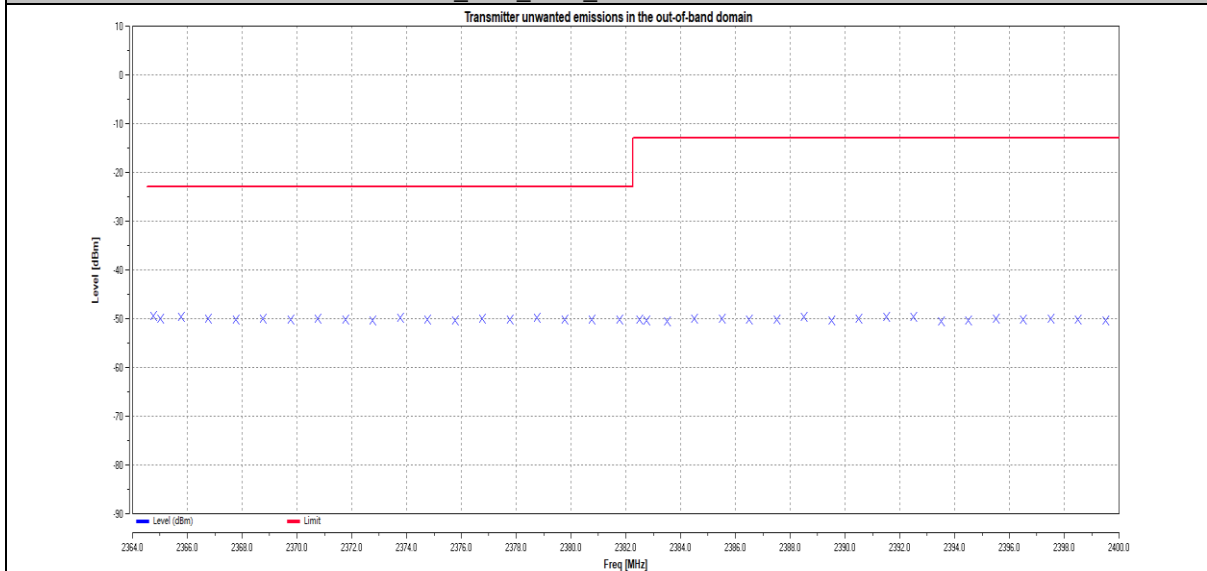
11N20MIMO_Ant2_2412_2400MHz-2BW to 2400MHz



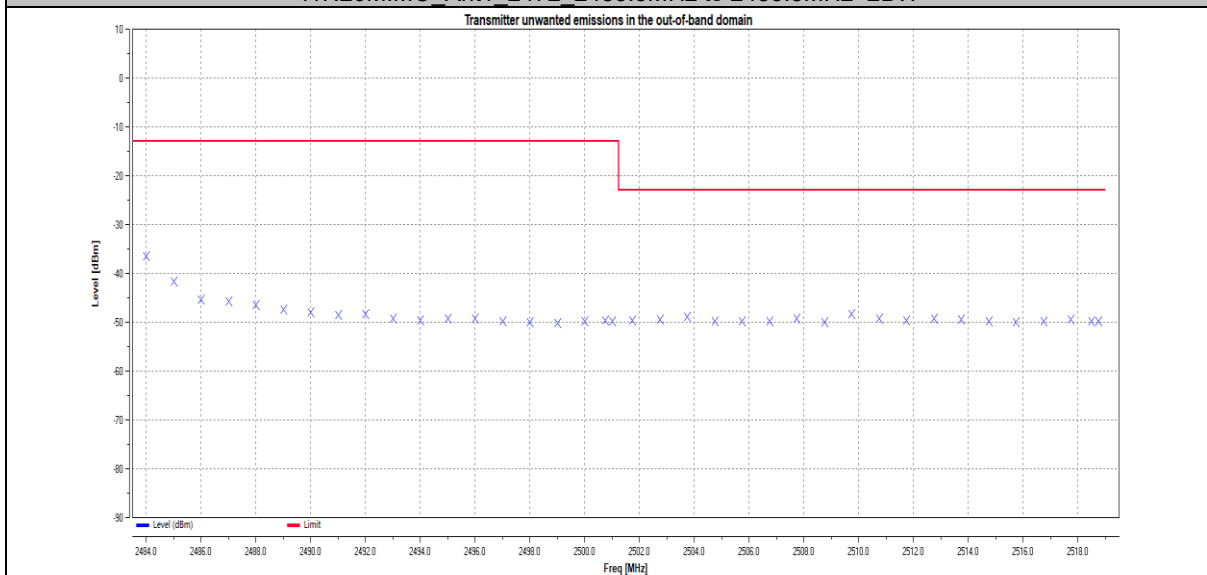
11N20MIMO_Ant2_2412_2483.5MHz to 2483.5MHz+2BW



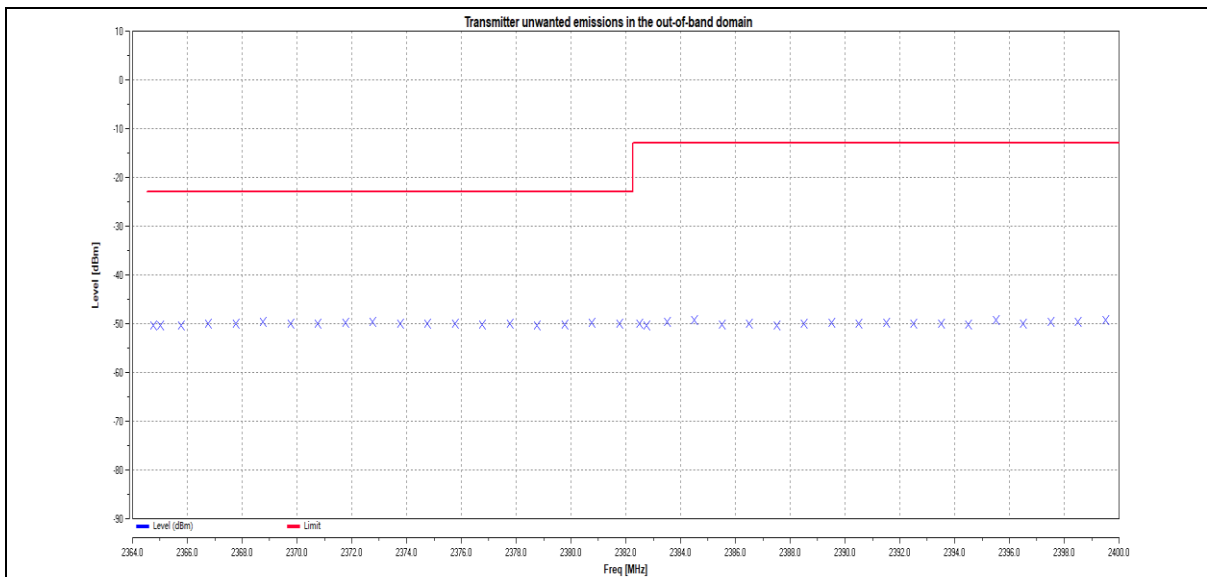
11N20MIMO_Ant1_2472_2400MHz-2BW to 2400MHz



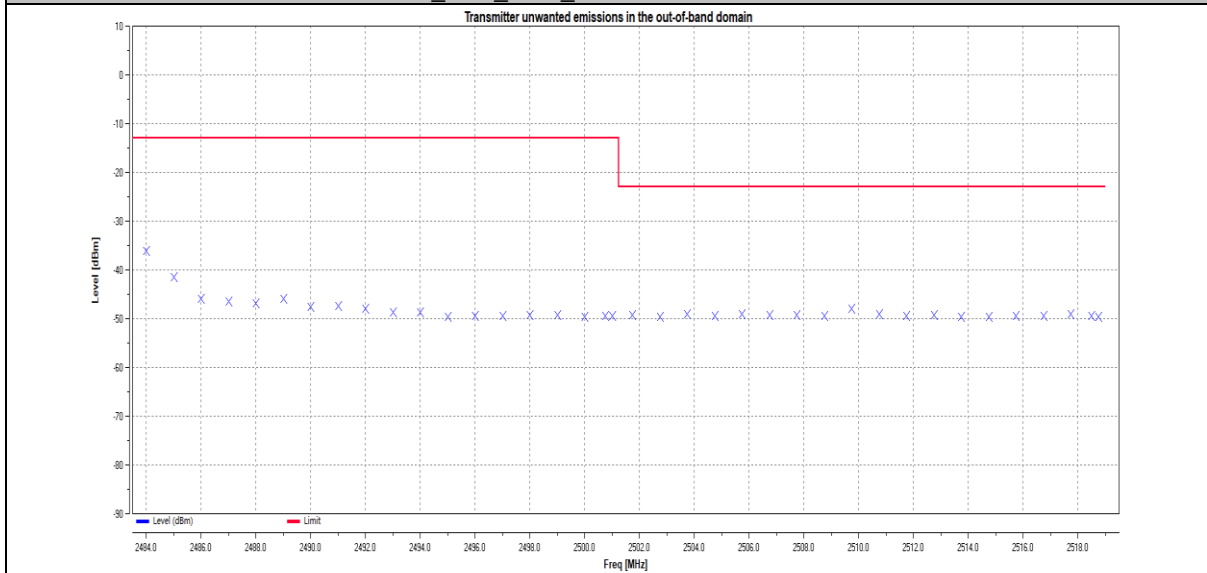
11N20MIMO_Ant1_2472_2483.5MHz to 2483.5MHz+2BW



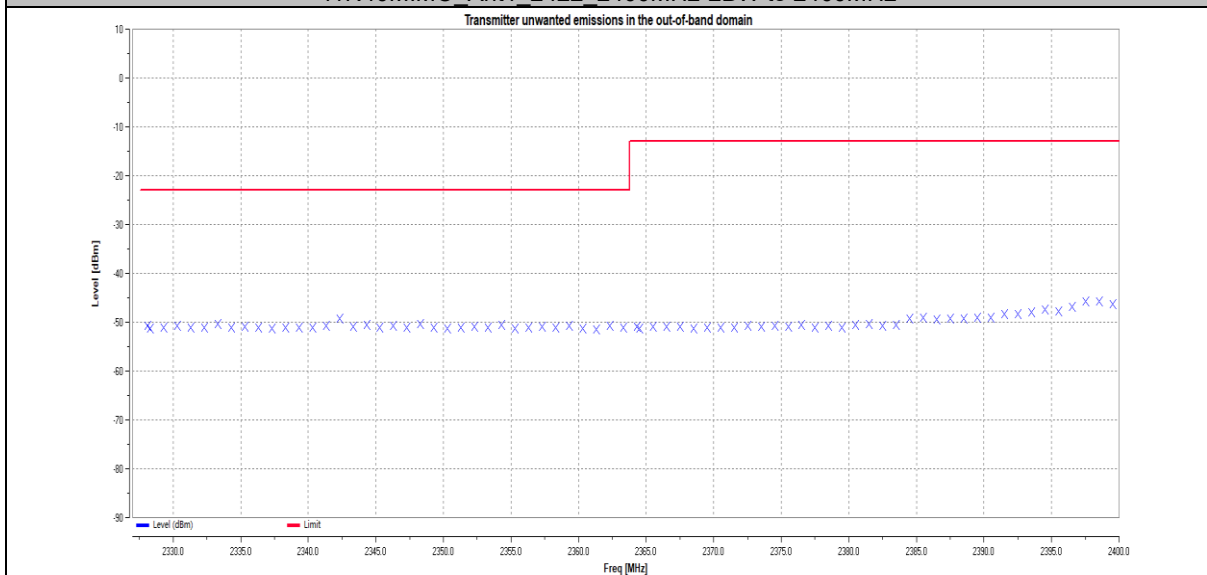
11N20MIMO_Ant2_2472_2400MHz-2BW to 2400MHz



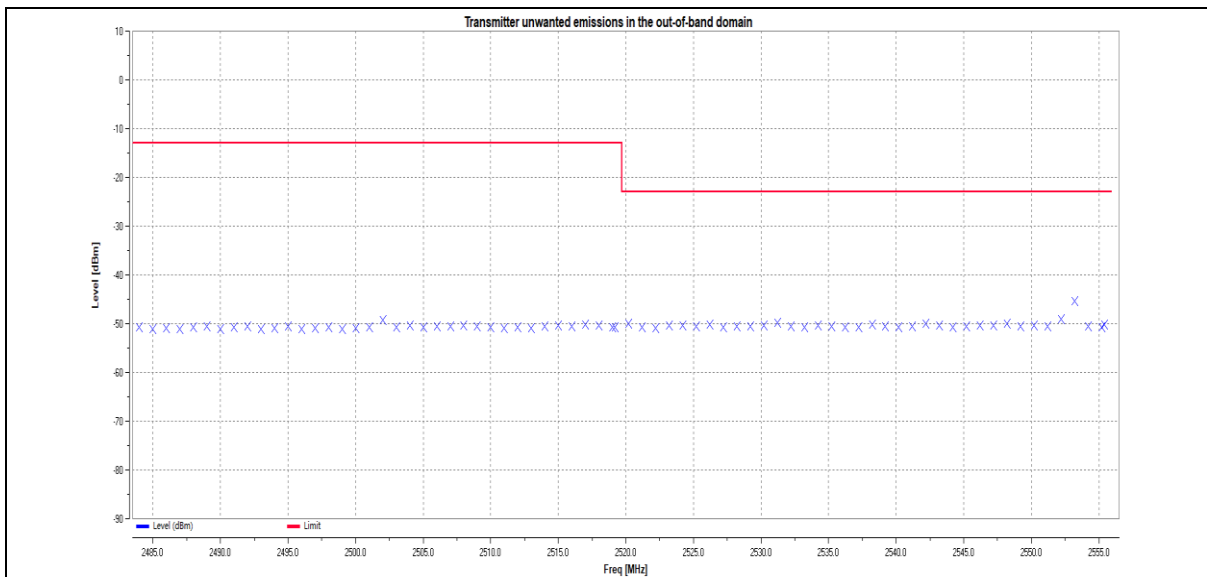
11N20MIMO_Ant2_2472_2483.5MHz to 2483.5MHz+2BW



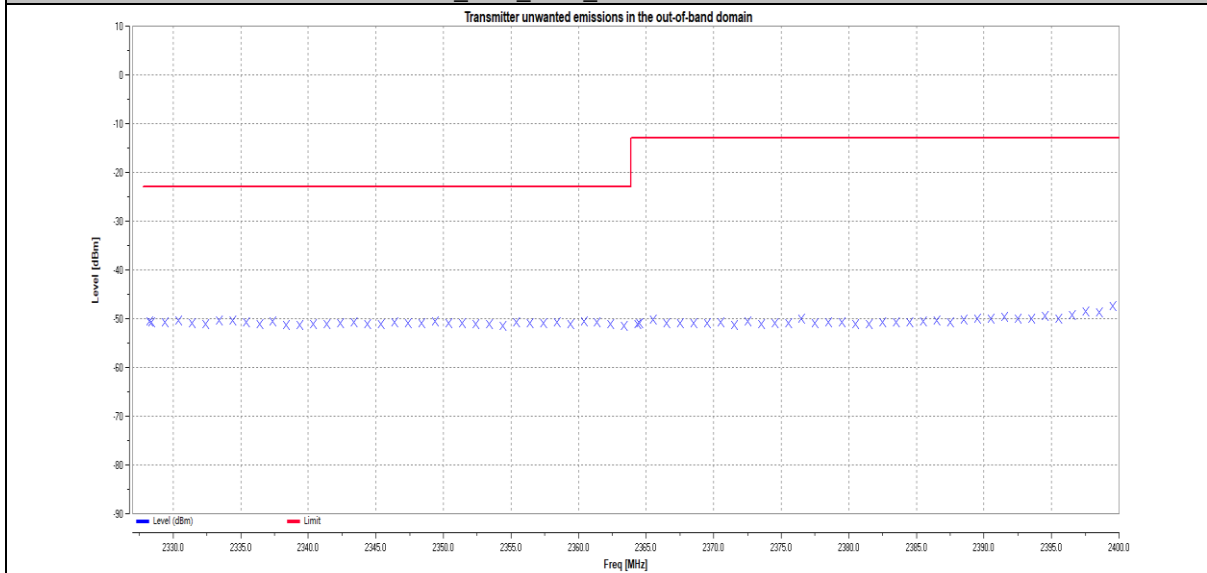
11N40MIMO_Ant1_2422_2400MHz-2BW to 2400MHz



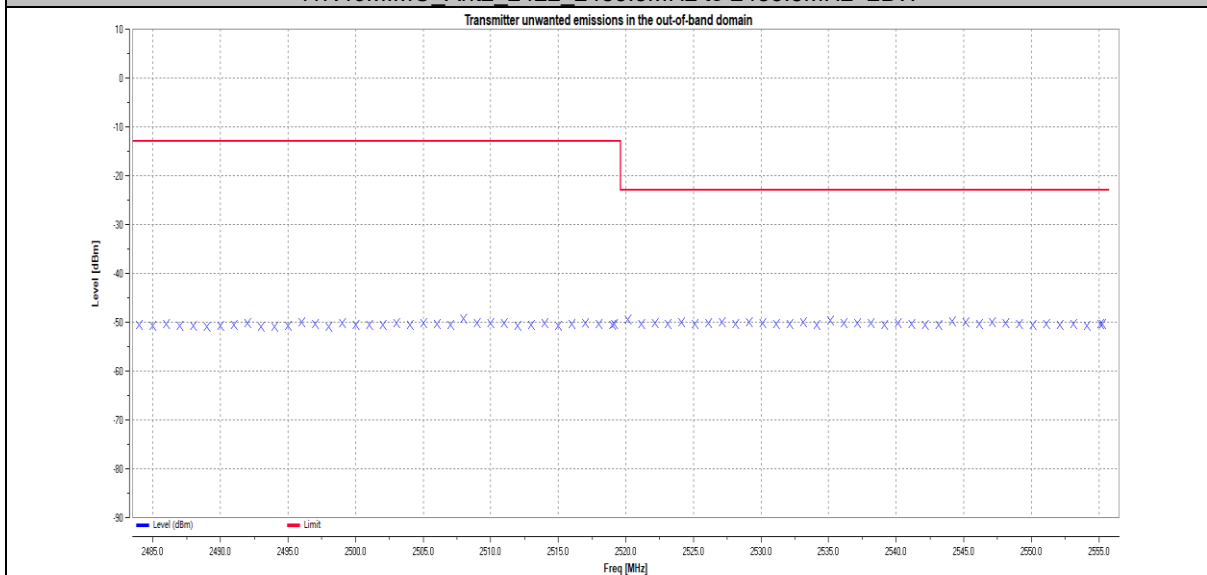
11N40MIMO_Ant1_2422_2483.5MHz to 2483.5MHz+2BW



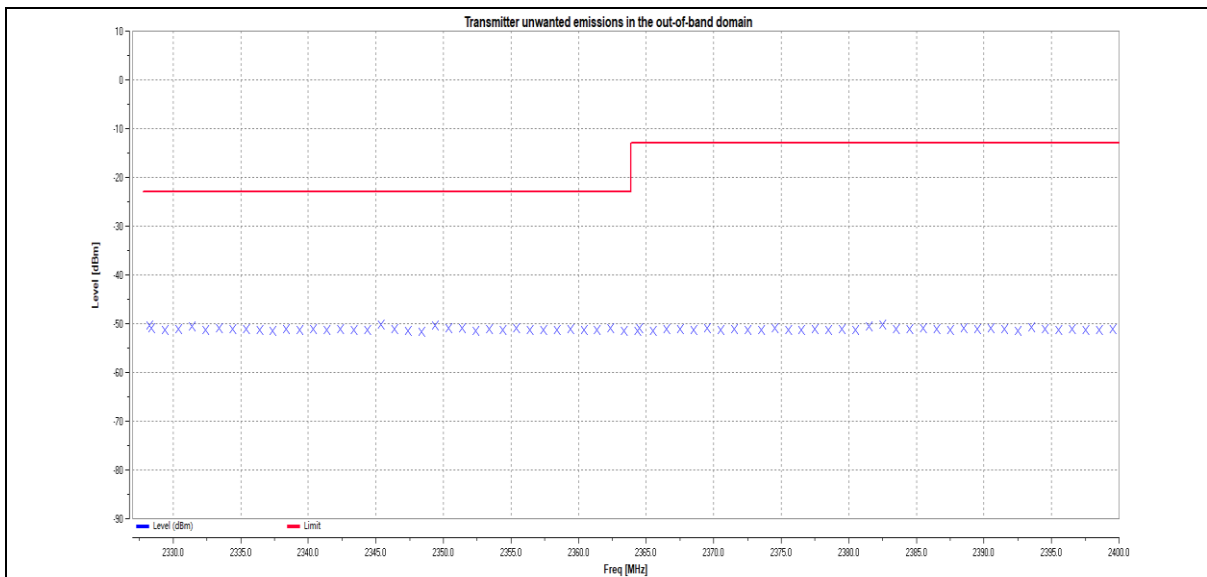
11N40MIMO_Ant2_2422_2400MHz-2BW to 2400MHz



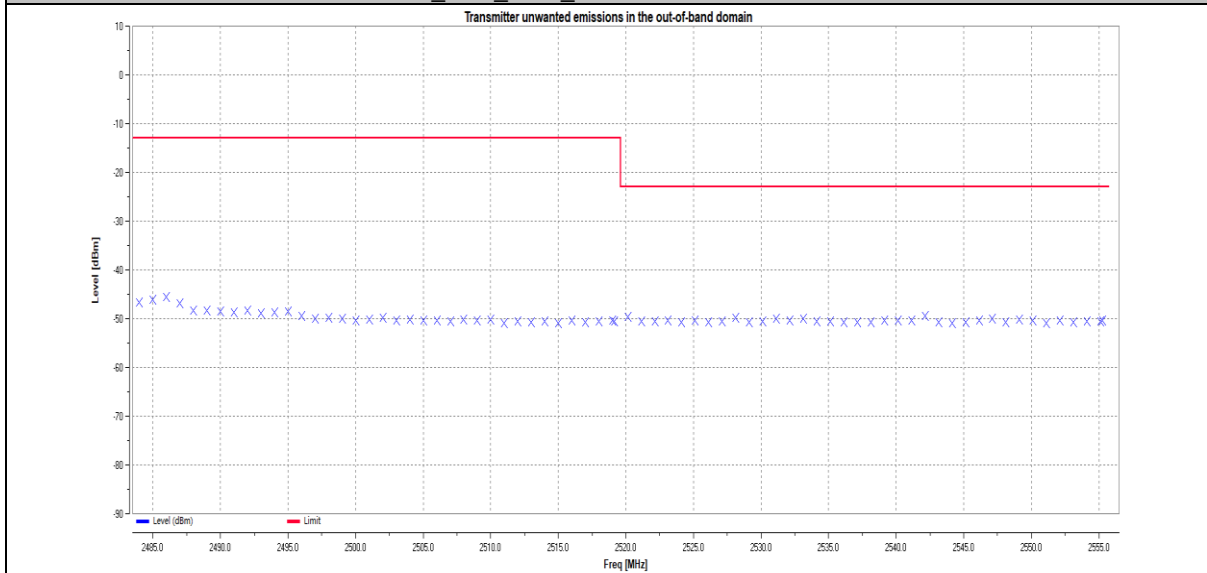
11N40MIMO_Ant2_2422_2483.5MHz to 2483.5MHz+2BW



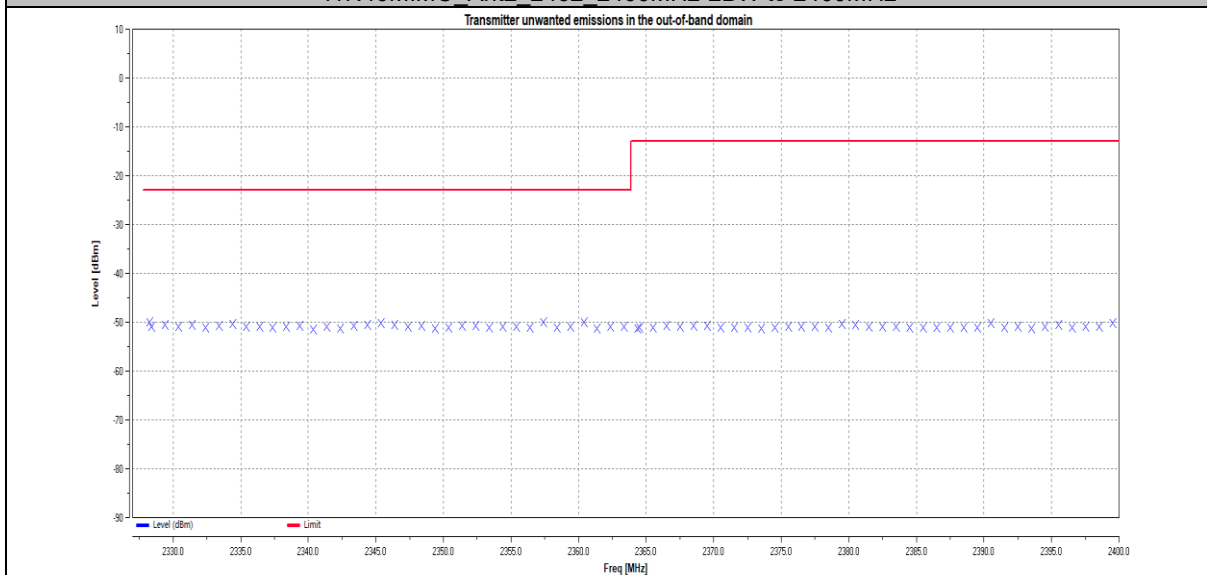
11N40MIMO_Ant1_2462_2400MHz-2BW to 2400MHz



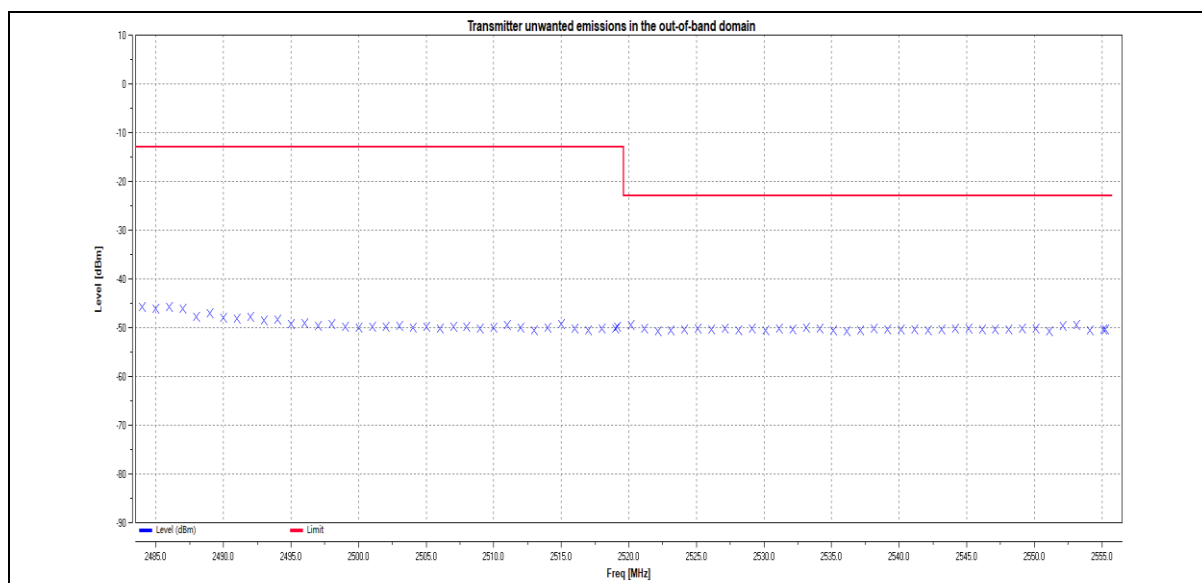
11N40MIMO_Ant1_2462_2483.5MHz to 2483.5MHz+2BW



11N40MIMO_Ant2_2462_2400MHz-2BW to 2400MHz



11N40MIMO_Ant2_2462_2483.5MHz to 2483.5MHz+2BW



11. Transmitter unwanted emissions in the spurious domain

11.1. Radiated Emissions

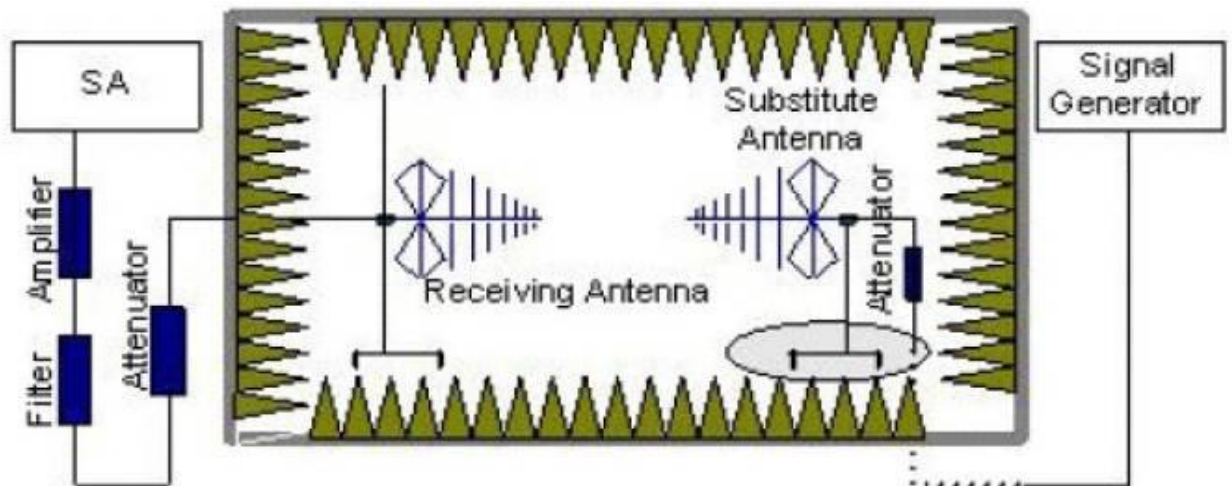
Test Method: ETSI EN 300 328 Sub clause 5.4.9

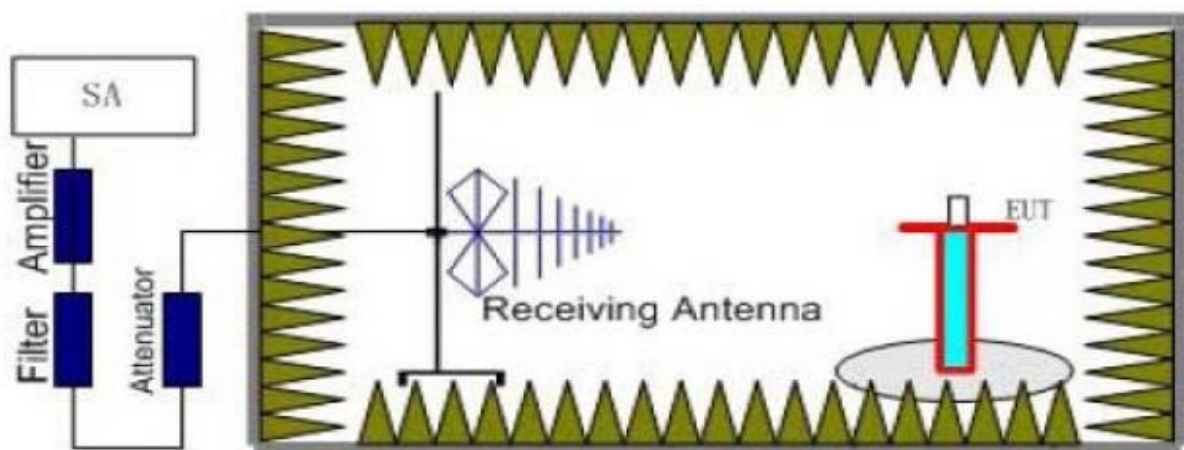
11.1 Test Procedure

1. The measurement performed at the lowest and the highest channel on which the equipment can operate.
2. The EUT was placed on a turntable with 1.5m height.
3. The test distance between the receiving antenna and the EUT is 3 meter, while the receiving (test) antenna is kept at 1.5 meter height.
4. Set EUT in continuous transmitting with maximum output power.
5. The table was rotated from 0 to 360 degree to search the highest radiated emission.
6. Repeat step 3 to 5 for each polarization and channel to find the worst emission level.
7. The results obtained are compared to the limits in order to prove compliance with the requirement.

Test Configuration

Effective Radiated Power measurement (30 MHz to 12.75 GHz)



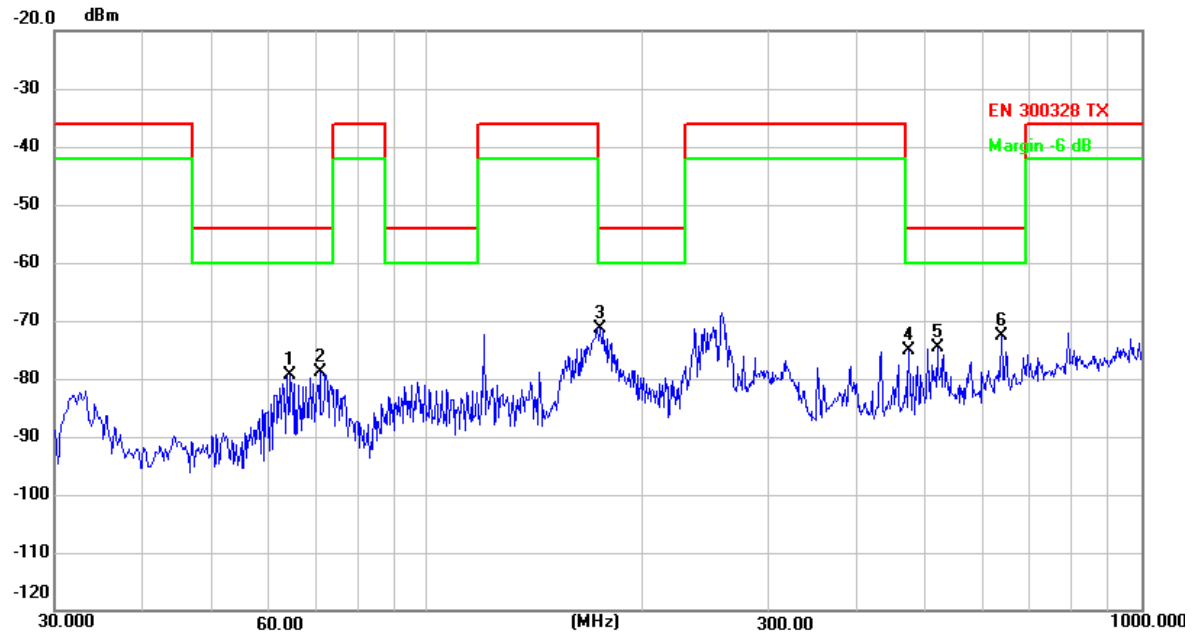


11.2 Limit : ETSI EN 300 328 Sub clause 4.3.2.9.3

Frequency Range	Maximum power e.r.p. (≤ 1 GHz) e.i.r.p. (> 1 GHz)	Bandwidth
30 MHz to 47 MHz	-36 dBm	100 kHz
47 MHz to 74 MHz	-54 dBm	100 kHz
74 MHz to 87,5 MHz	-36 dBm	100 kHz
87,5 MHz to 118 MHz	-54 dBm	100 kHz
118 MHz to 174 MHz	-36 dBm	100 kHz
174 MHz to 230 MHz	-54 dBm	100 kHz
230 MHz to 470 MHz	-36 dBm	100 kHz
470 MHz to 862 MHz	-54 dBm	100 kHz
862 MHz to 1 GHz	-36 dBm	100 kHz
1 GHz to 12.75 GHz	-30 dBm	1 MHz

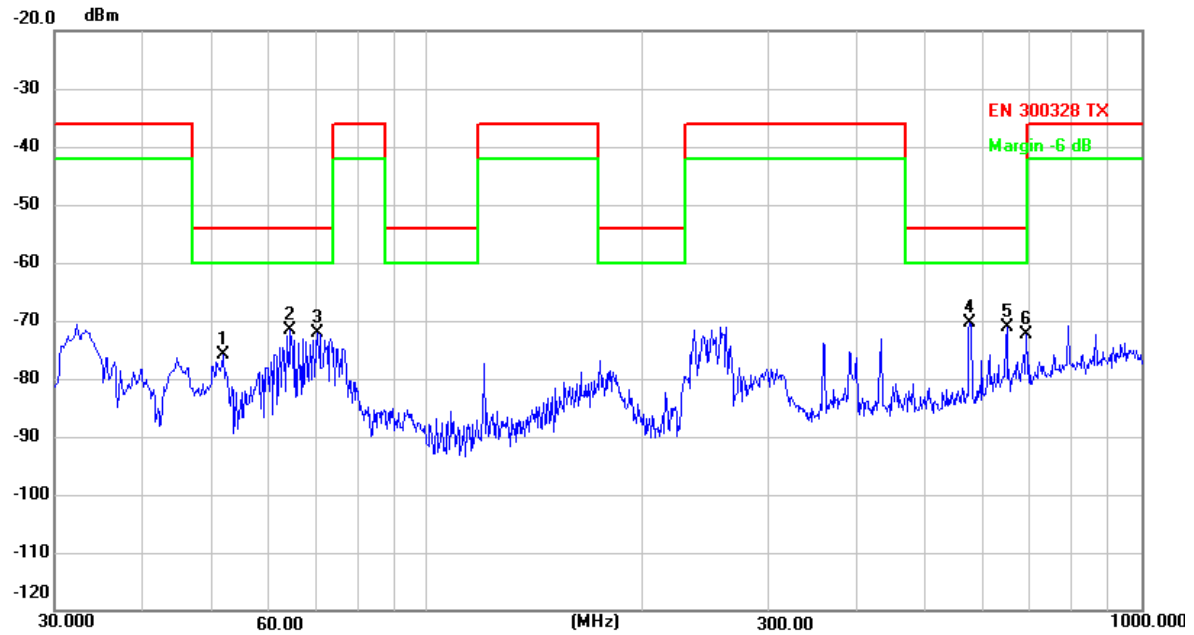
11.3 Test Result:

TX 802.11b ANT1 (2412MHz) Horizontal (30MHz-1GHz):



No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	64.2733	-61.17	-18.26	-79.43	-54.00	-25.43	peak
2	70.7400	-59.76	-19.21	-78.97	-54.00	-24.97	peak
3 *	174.8531	-53.92	-17.45	-71.37	-54.00	-17.37	peak
4	472.3200	-64.41	-10.66	-75.07	-54.00	-21.07	peak
5	517.2631	-64.89	-9.69	-74.58	-54.00	-20.58	peak
6	637.5433	-65.64	-6.96	-72.60	-54.00	-18.60	peak

TX 802.11b ANT1 (2412MHz) Vertical (30MHz-1GHz):



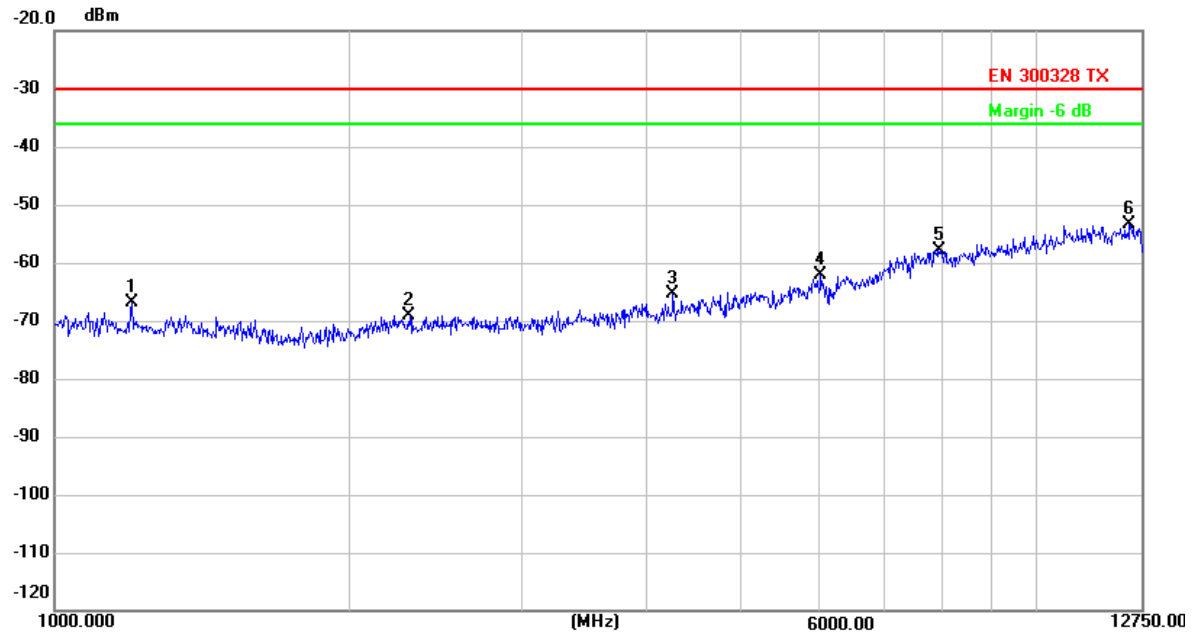
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	51.6632	-59.36	-16.61	-75.97	-54.00	-21.97	peak
2	64.2733	-53.36	-18.26	-71.62	-54.00	-17.62	peak
3	70.0931	-52.88	-19.15	-72.03	-54.00	-18.03	peak
4 *	575.4633	-61.99	-8.38	-70.37	-54.00	-16.37	peak
5	647.8900	-64.35	-6.71	-71.06	-54.00	-17.06	peak
6	689.6000	-66.56	-5.79	-72.35	-54.00	-18.35	peak

TX 802.11b ANT1 (2412MHz) Horizontal (1GHz-12.75GHz):



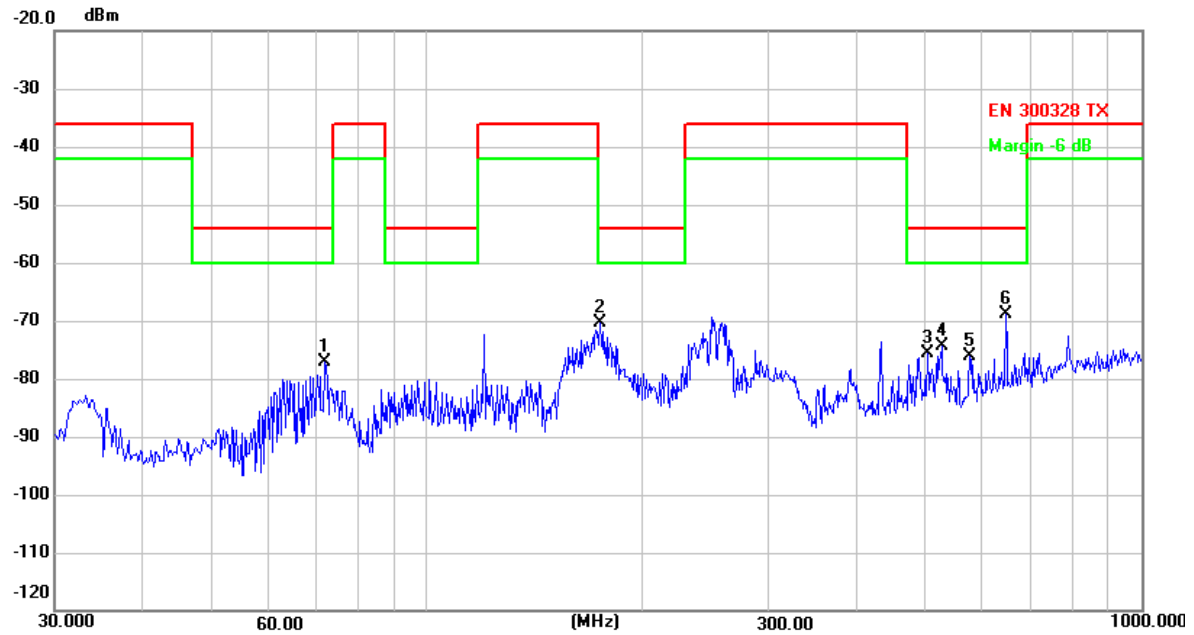
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1109.667	-54.76	-8.01	-62.77	-30.00	-32.77	peak
2	4352.667	-66.09	1.05	-65.04	-30.00	-35.04	peak
3	6428.500	-67.12	7.09	-60.03	-30.00	-30.03	peak
4	7317.583	-67.34	10.16	-57.18	-30.00	-27.18	peak
5	9142.750	-67.09	12.20	-54.89	-30.00	-24.89	peak
6 *	12452.333	-68.26	15.76	-52.50	-30.00	-22.50	peak

TX 802.11b ANT1 (2412MHz) Vertical (1GHz-12.75GHz):



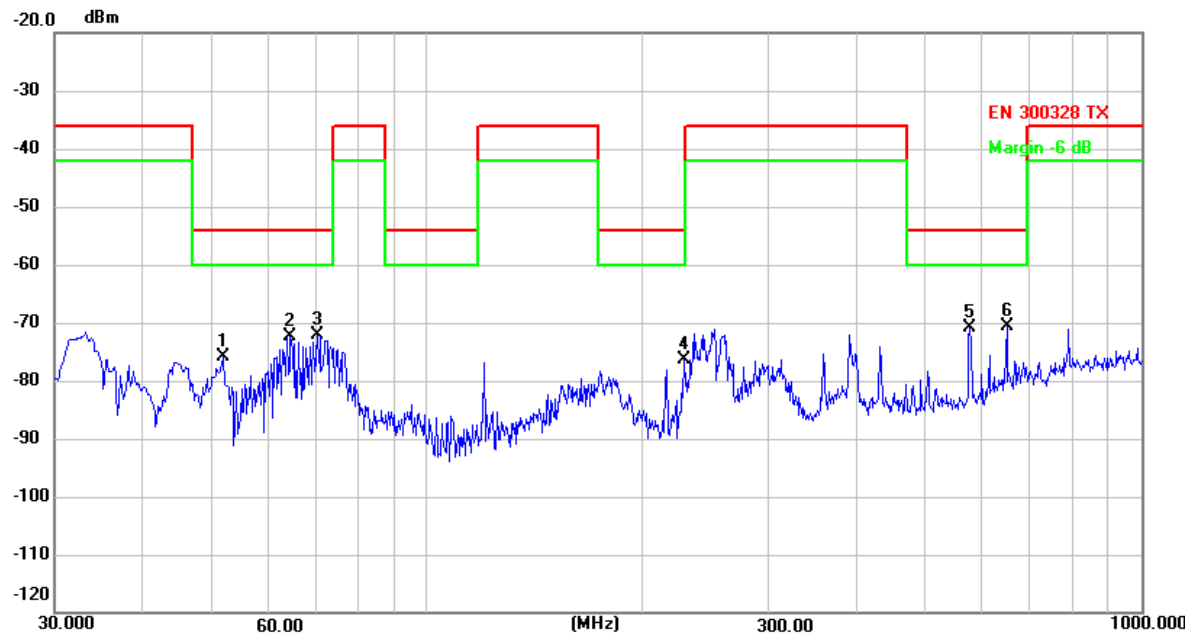
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1199.750	-59.08	-7.71	-66.79	-30.00	-36.79	peak
2	2300.333	-65.58	-3.44	-69.02	-30.00	-39.02	peak
3	4262.583	-66.26	0.89	-65.37	-30.00	-35.37	peak
4	6021.167	-67.86	5.70	-62.16	-30.00	-32.16	peak
5	7975.583	-68.73	10.96	-57.77	-30.00	-27.77	peak
6 *	12401.417	-68.92	15.67	-53.25	-30.00	-23.25	peak

TX 802.11b ANT1 (2472MHz) Horizontal (30MHz-1GHz):



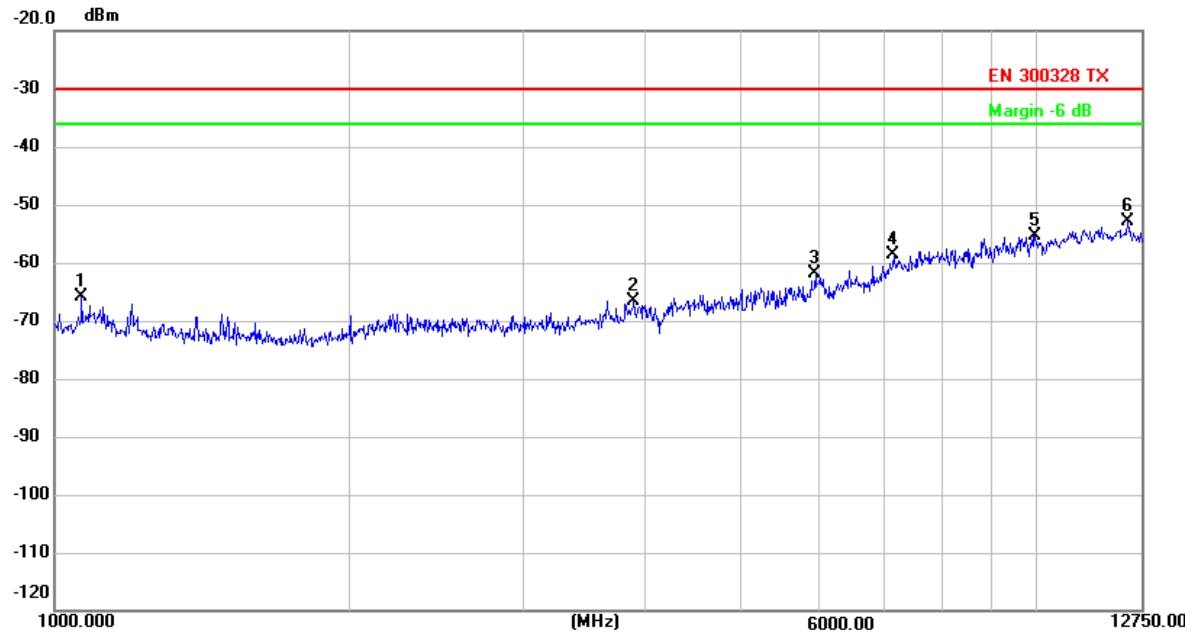
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	72.0331	-57.87	-19.35	-77.22	-54.00	-23.22	peak
2	174.5300	-52.88	-17.41	-70.29	-54.00	-16.29	peak
3	502.3900	-65.70	-10.04	-75.74	-54.00	-21.74	peak
4	525.0230	-64.92	-9.49	-74.41	-54.00	-20.41	peak
5	574.8165	-67.69	-8.39	-76.08	-54.00	-22.08	peak
6 *	646.5964	-62.08	-6.75	-68.83	-54.00	-14.83	peak

TX 802.11b ANT1 (2472MHz) Vertical (30MHz-1GHz):



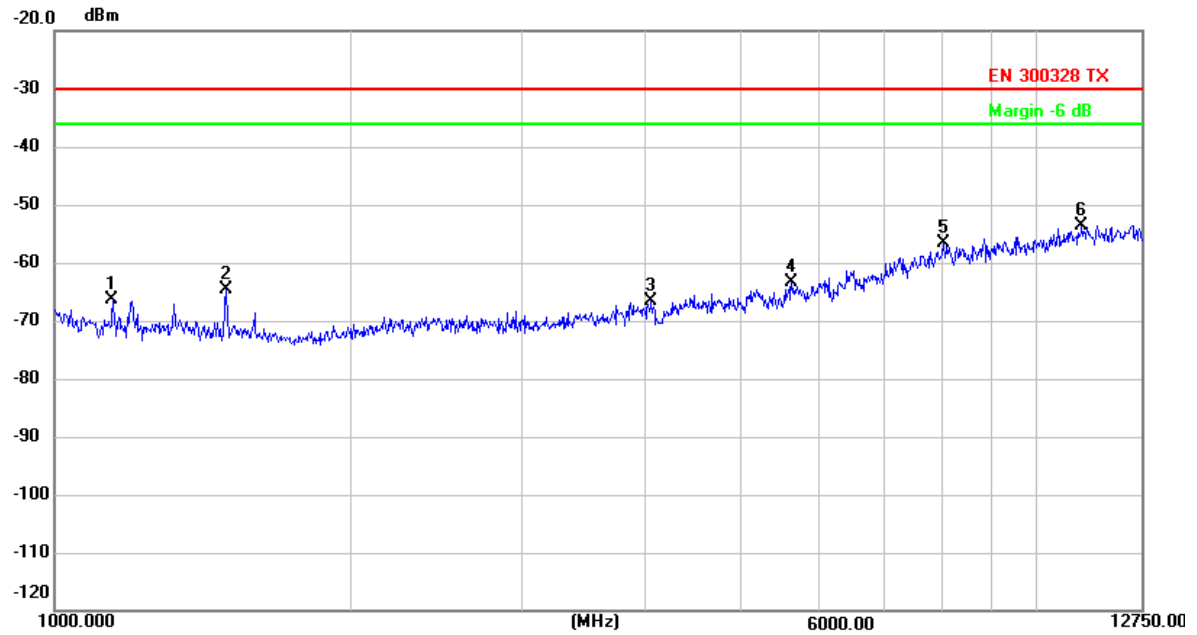
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	51.6632	-59.17	-16.61	-75.78	-54.00	-21.78	peak
2	64.2733	-53.99	-18.26	-72.25	-54.00	-18.25	peak
3	70.0931	-52.92	-19.15	-72.07	-54.00	-18.07	peak
4	229.1733	-57.92	-18.34	-76.26	-54.00	-22.26	peak
5	574.8165	-62.40	-8.39	-70.79	-54.00	-16.79	peak
6 *	648.8600	-63.99	-6.68	-70.67	-54.00	-16.67	peak

TX 802.11b ANT1 (2472MHz) Horizontal (1GHz-12.75GHz):



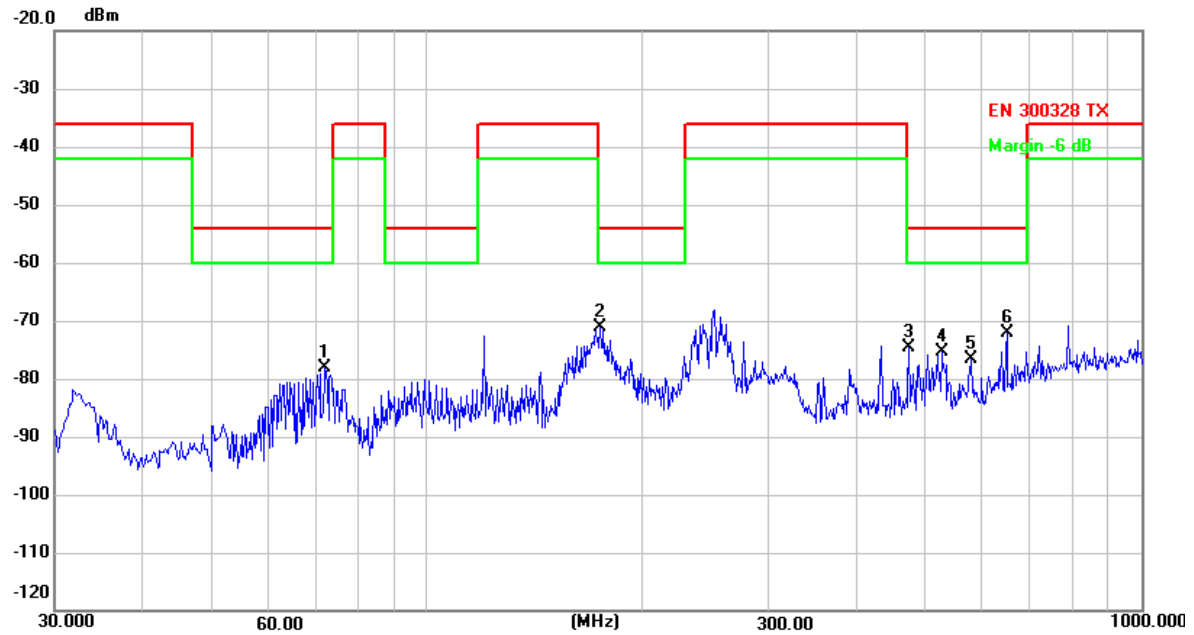
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1066.583	-57.78	-8.16	-65.94	-30.00	-35.94	peak
2	3890.500	-66.76	0.09	-66.67	-30.00	-36.67	peak
3	5942.833	-67.40	5.41	-61.99	-30.00	-31.99	peak
4	7141.333	-68.24	9.70	-58.54	-30.00	-28.54	peak
5	9957.417	-68.39	13.06	-55.33	-30.00	-25.33	peak
6 *	12354.417	-68.56	15.65	-52.91	-30.00	-22.91	peak

TX 802.11b ANT1 (2472MHz) Vertical (1GHz-12.75GHz):



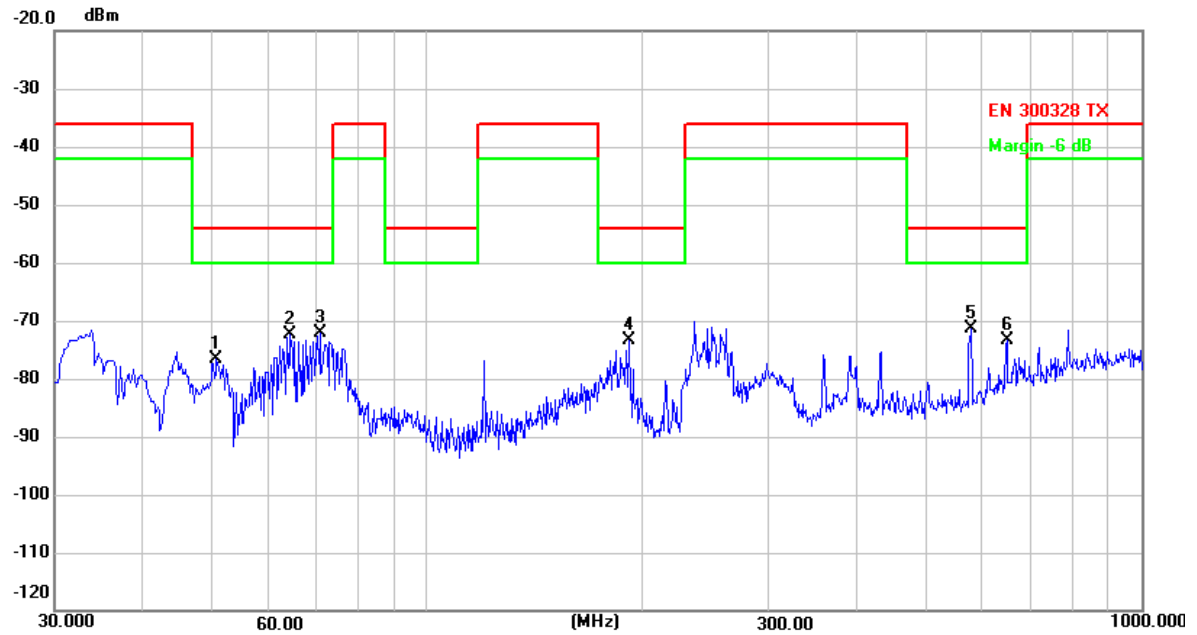
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1148.833	-58.56	-7.88	-66.44	-30.00	-36.44	peak
2	1497.417	-57.76	-6.93	-64.69	-30.00	-34.69	peak
3	4051.083	-67.16	0.62	-66.54	-30.00	-36.54	peak
4	5617.750	-67.46	4.15	-63.31	-30.00	-33.31	peak
5	8038.250	-67.46	10.96	-56.50	-30.00	-26.50	peak
6 *	11093.250	-68.34	14.66	-53.68	-30.00	-23.68	peak

TX 802.11b ANT2 (2412MHz) Horizontal (30MHz-1GHz):



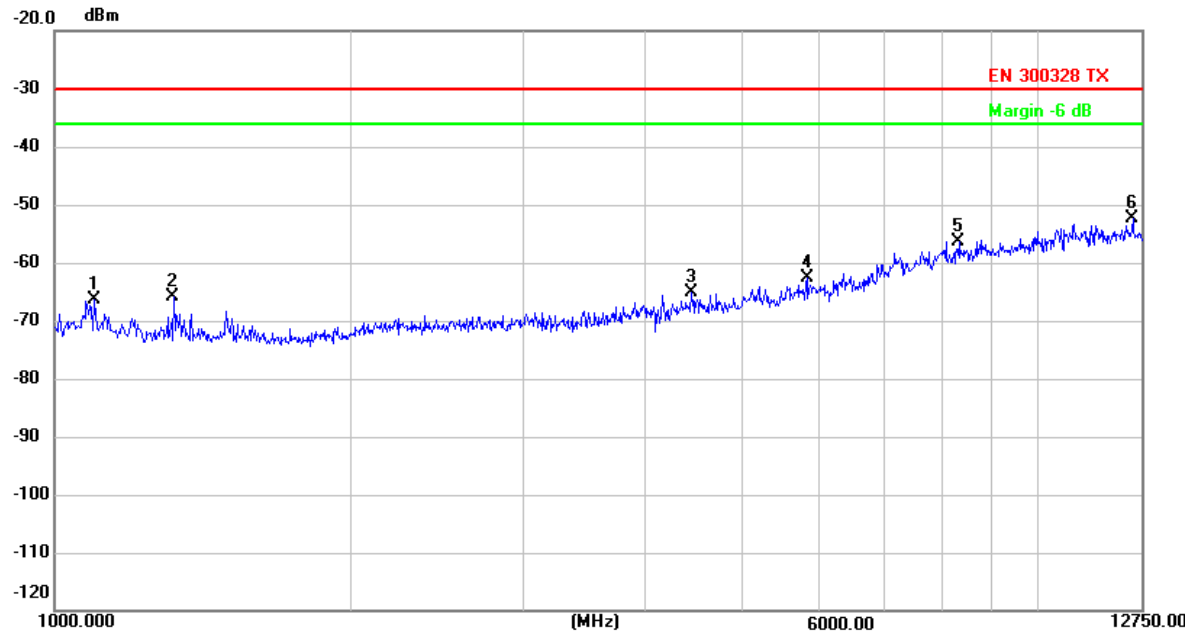
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	72.0331	-58.80	-19.35	-78.15	-54.00	-24.15	peak
2 *	174.5300	-53.71	-17.41	-71.12	-54.00	-17.12	peak
3	472.9666	-63.88	-10.65	-74.53	-54.00	-20.53	peak
4	525.0230	-65.82	-9.49	-75.31	-54.00	-21.31	peak
5	577.0800	-68.23	-8.35	-76.58	-54.00	-22.58	peak
6	647.8900	-65.47	-6.71	-72.18	-54.00	-18.18	peak

TX 802.11b ANT2 (2412MHz) Vertical (30MHz-1GHz):



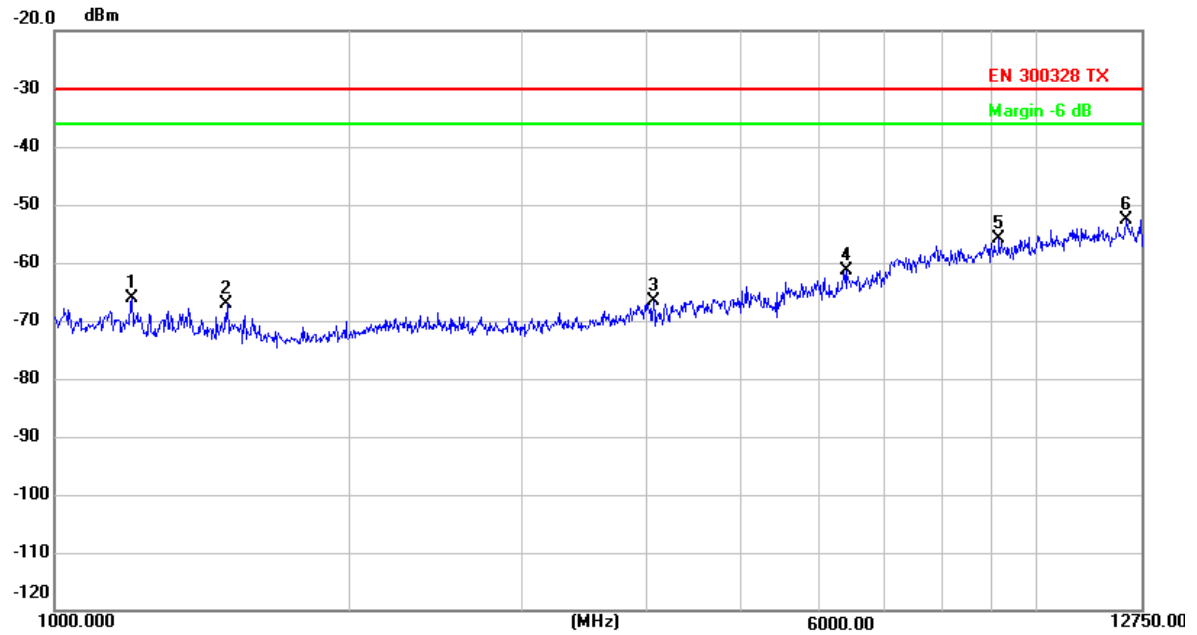
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	50.6933	-60.14	-16.58	-76.72	-54.00	-22.72	peak
2	64.2733	-54.10	-18.26	-72.36	-54.00	-18.36	peak
3	70.7400	-52.98	-19.21	-72.19	-54.00	-18.19	peak
4	191.6665	-54.66	-18.83	-73.49	-54.00	-19.49	peak
5 *	576.7566	-62.93	-8.35	-71.28	-54.00	-17.28	peak
6	648.5366	-66.56	-6.69	-73.25	-54.00	-19.25	peak

TX 802.11b ANT2 (2412MHz) Horizontal (1GHz-12.75GHz):



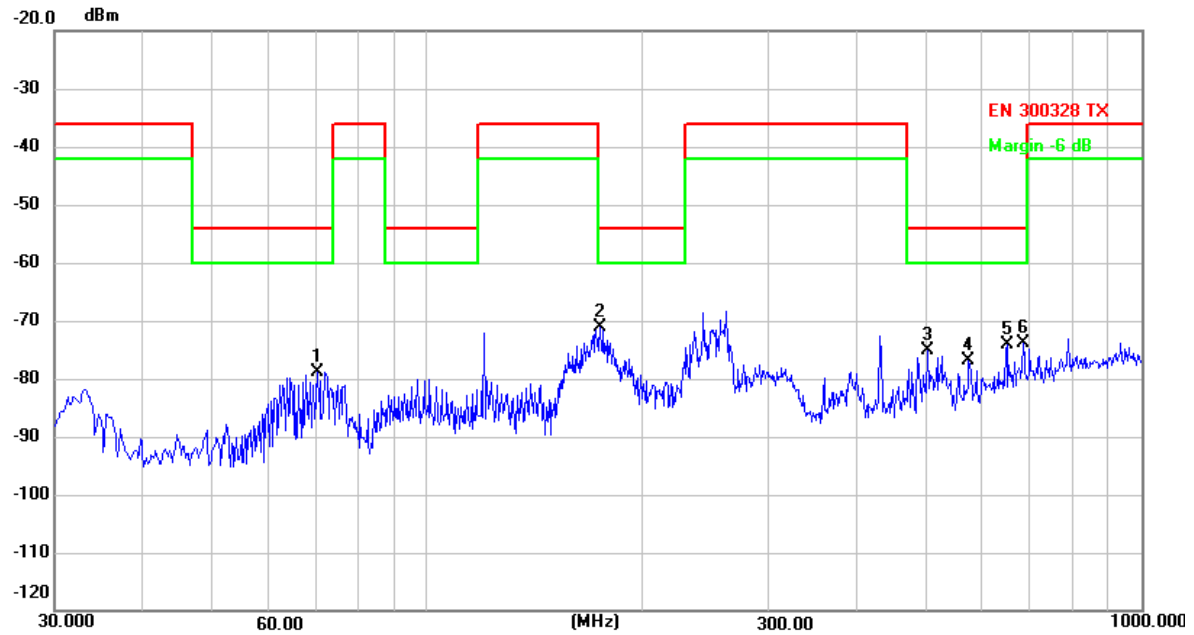
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1097.917	-58.43	-8.04	-66.47	-30.00	-36.47	peak
2	1325.083	-58.67	-7.20	-65.87	-30.00	-35.87	peak
3	4446.667	-66.28	1.22	-65.06	-30.00	-35.06	peak
4	5829.250	-67.46	4.93	-62.53	-30.00	-32.53	peak
5	8316.333	-66.93	10.61	-56.32	-30.00	-26.32	peak
6 *	12499.333	-68.19	15.83	-52.36	-30.00	-22.36	peak

TX 802.11b ANT2 (2412MHz) Vertical (1GHz-12.75GHz):



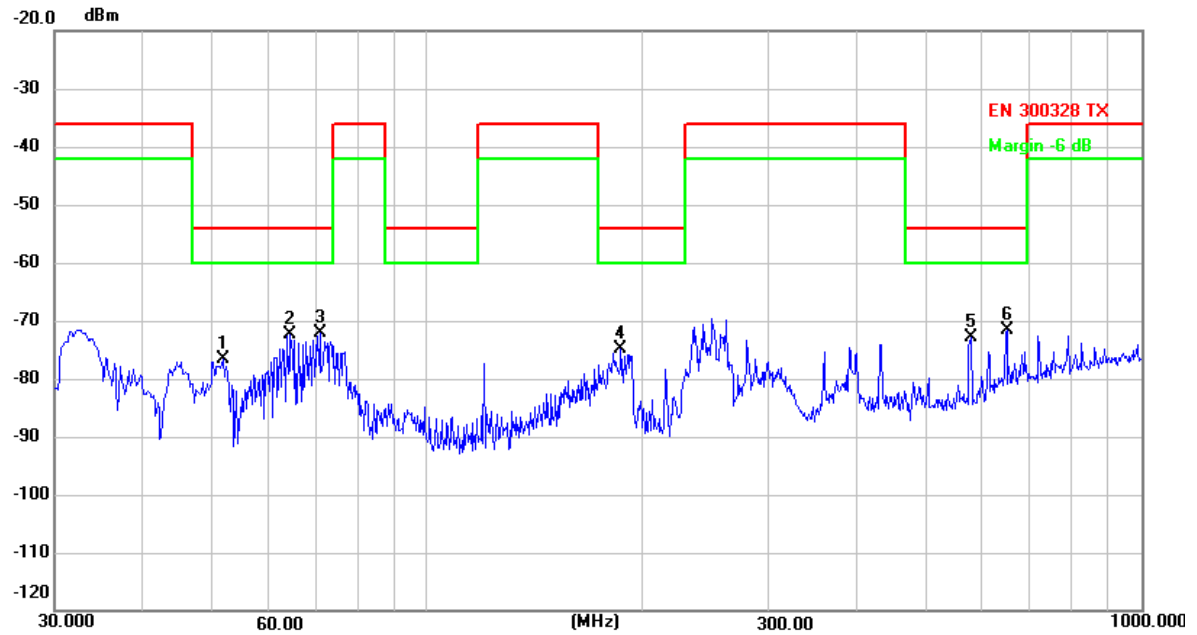
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1199.750	-58.31	-7.71	-66.02	-30.00	-36.02	peak
2	1501.333	-60.09	-6.93	-67.02	-30.00	-37.02	peak
3	4066.750	-67.35	0.62	-66.73	-30.00	-36.73	peak
4	6408.917	-68.30	7.01	-61.29	-30.00	-31.29	peak
5	9154.500	-68.02	12.22	-55.80	-30.00	-25.80	peak
6 *	12319.167	-68.31	15.63	-52.68	-30.00	-22.68	peak

TX 802.11b ANT2 (2472MHz) Horizontal (30MHz-1GHz):



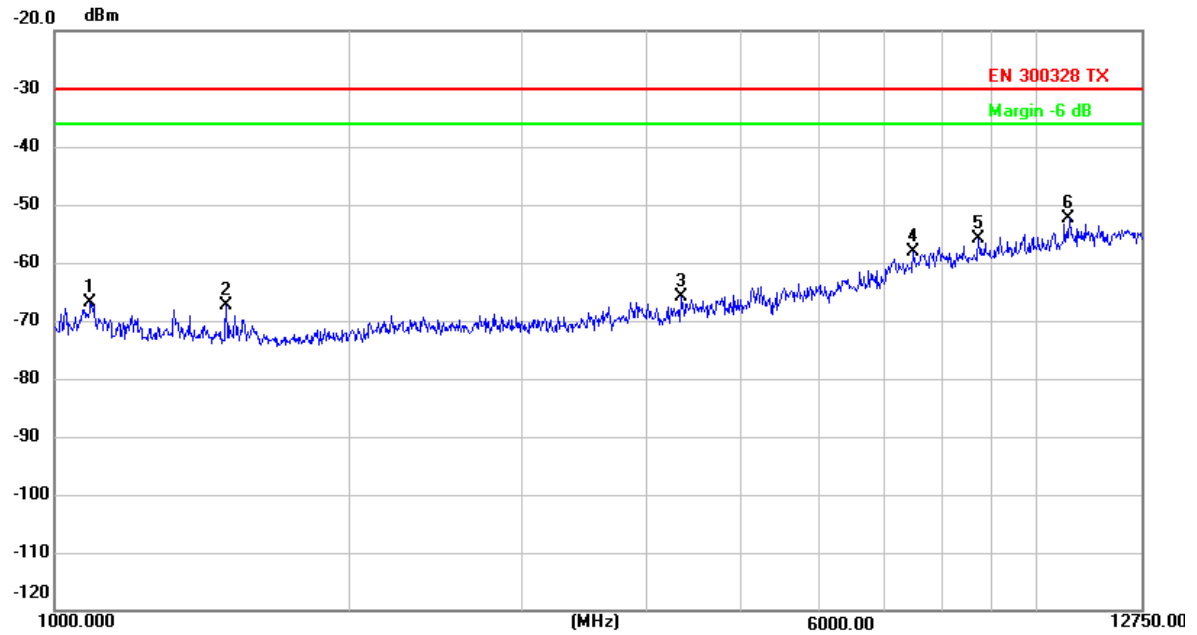
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	70.0931	-59.82	-19.15	-78.97	-54.00	-24.97	peak
2 *	174.5300	-53.73	-17.41	-71.14	-54.00	-17.14	peak
3	502.7133	-65.19	-10.02	-75.21	-54.00	-21.21	peak
4	574.4932	-68.40	-8.40	-76.80	-54.00	-22.80	peak
5	648.5366	-67.32	-6.69	-74.01	-54.00	-20.01	peak
6	682.4864	-67.82	-5.97	-73.79	-54.00	-19.79	peak

TX 802.11b ANT2 (2472MHz) Vertical (30MHz-1GHz):



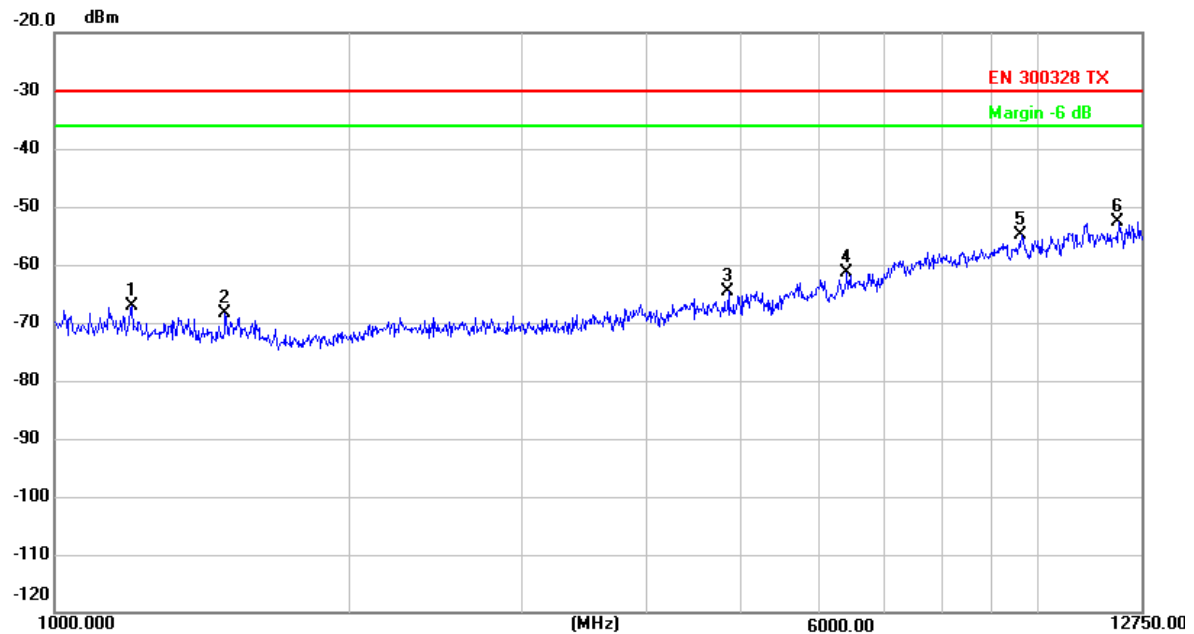
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	51.6632	-59.97	-16.61	-76.58	-54.00	-22.58	peak
2	64.2733	-54.02	-18.26	-72.28	-54.00	-18.28	peak
3	70.7400	-52.98	-19.21	-72.19	-54.00	-18.19	peak
4	186.8163	-56.12	-18.65	-74.77	-54.00	-20.77	peak
5	576.7566	-64.50	-8.35	-72.85	-54.00	-18.85	peak
6 *	649.1833	-64.82	-6.68	-71.50	-54.00	-17.50	peak

TX 802.11b ANT2 (2472MHz) Horizontal (1GHz-12.75GHz):



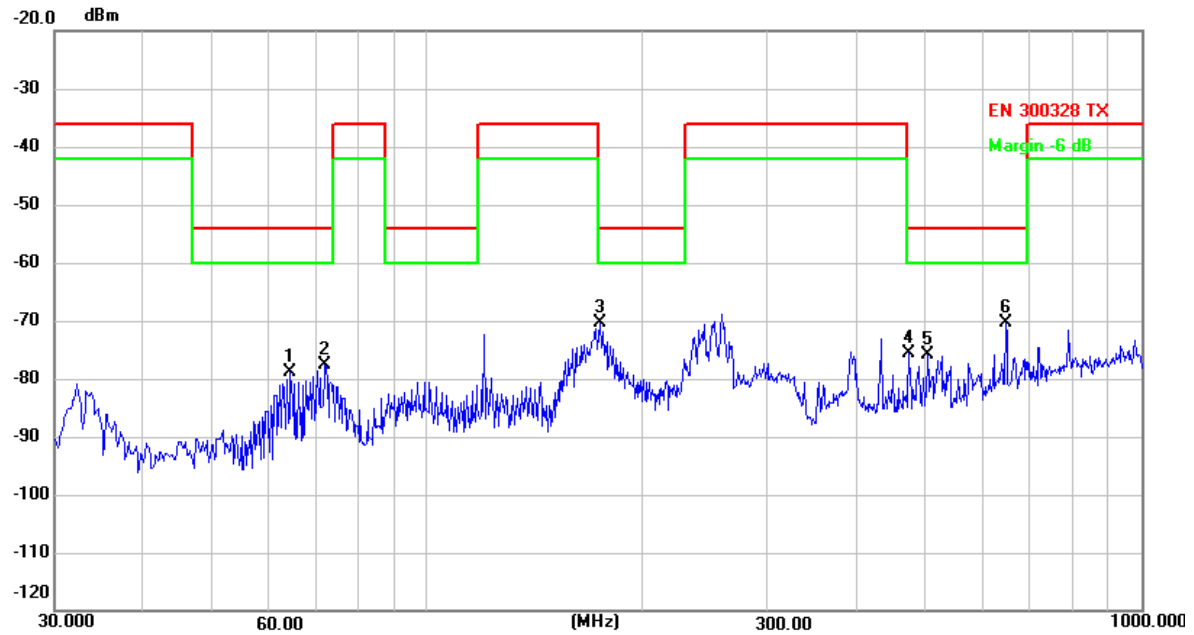
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1090.083	-58.91	-8.07	-66.98	-30.00	-36.98	peak
2	1497.417	-60.34	-6.93	-67.27	-30.00	-37.27	peak
3	4340.917	-66.81	1.04	-65.77	-30.00	-35.77	peak
4	7486.000	-68.31	10.18	-58.13	-30.00	-28.13	peak
5	8719.750	-67.30	11.39	-55.91	-30.00	-25.91	peak
6 *	10795.583	-66.82	14.45	-52.37	-30.00	-22.37	peak

TX 802.11b ANT2 (2472MHz) Vertical (1GHz-12.75GHz):



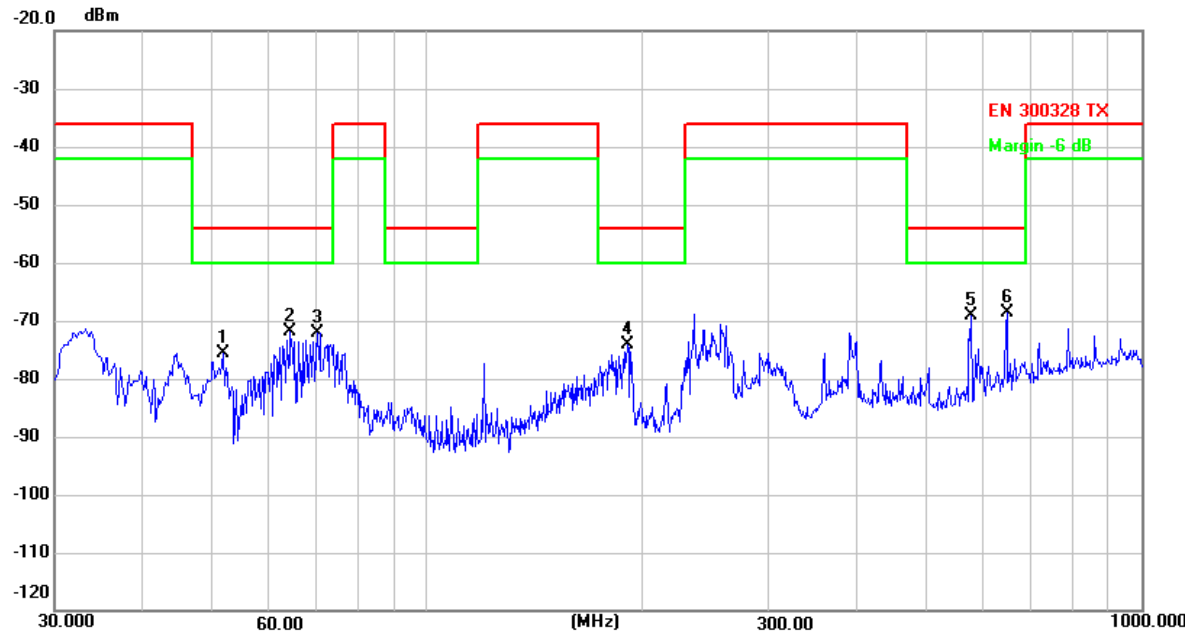
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1199.750	-59.47	-7.71	-67.18	-30.00	-37.18	peak
2	1493.500	-61.42	-6.94	-68.36	-30.00	-38.36	peak
3	4850.083	-66.47	1.91	-64.56	-30.00	-34.56	peak
4	6397.167	-68.31	6.95	-61.36	-30.00	-31.36	peak
5	9644.083	-67.58	12.67	-54.91	-30.00	-24.91	peak
6 *	12111.583	-68.24	15.61	-52.63	-30.00	-22.63	peak

TX 802.11g ANT1 (2412MHz) Horizontal (30MHz-1GHz):



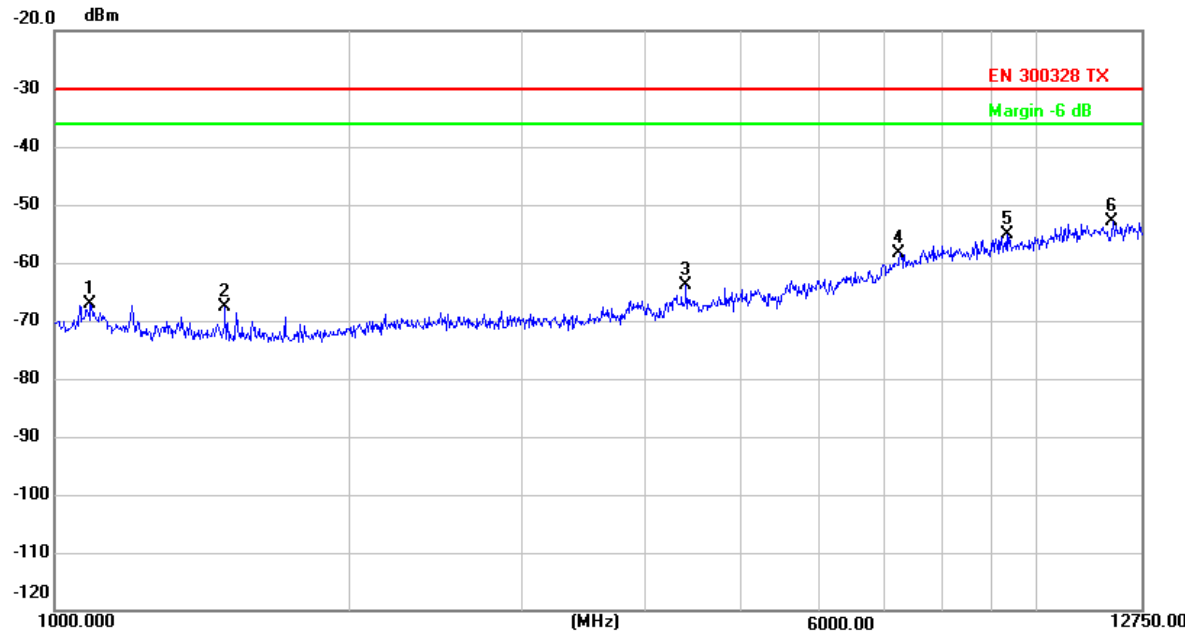
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	64.2733	-60.58	-18.26	-78.84	-54.00	-24.84	peak
2	72.0331	-58.18	-19.35	-77.53	-54.00	-23.53	peak
3 *	174.5300	-52.99	-17.41	-70.40	-54.00	-16.40	peak
4	472.9666	-64.94	-10.65	-75.59	-54.00	-21.59	peak
5	502.3900	-65.81	-10.04	-75.85	-54.00	-21.85	peak
6	646.5964	-63.70	-6.75	-70.45	-54.00	-16.45	peak

TX 802.11g ANT1 (2412MHz) Vertical (30MHz-1GHz):



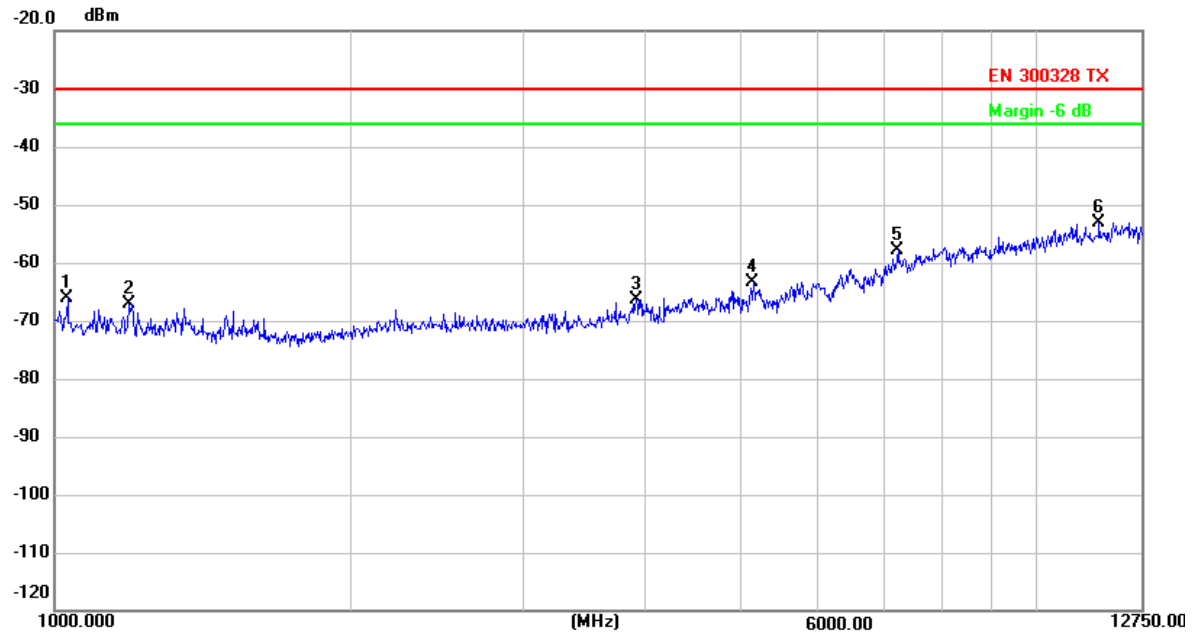
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	51.6632	-59.03	-16.61	-75.64	-54.00	-21.64	peak
2	64.2733	-53.67	-18.26	-71.93	-54.00	-17.93	peak
3	70.0931	-52.88	-19.15	-72.03	-54.00	-18.03	peak
4	191.0200	-55.28	-18.84	-74.12	-54.00	-20.12	peak
5	577.0800	-60.82	-8.35	-69.17	-54.00	-15.17	peak
6 *	649.1833	-61.83	-6.68	-68.51	-54.00	-14.51	peak

TX 802.11g ANT1 (2412MHz) Horizontal (1GHz-12.75GHz):



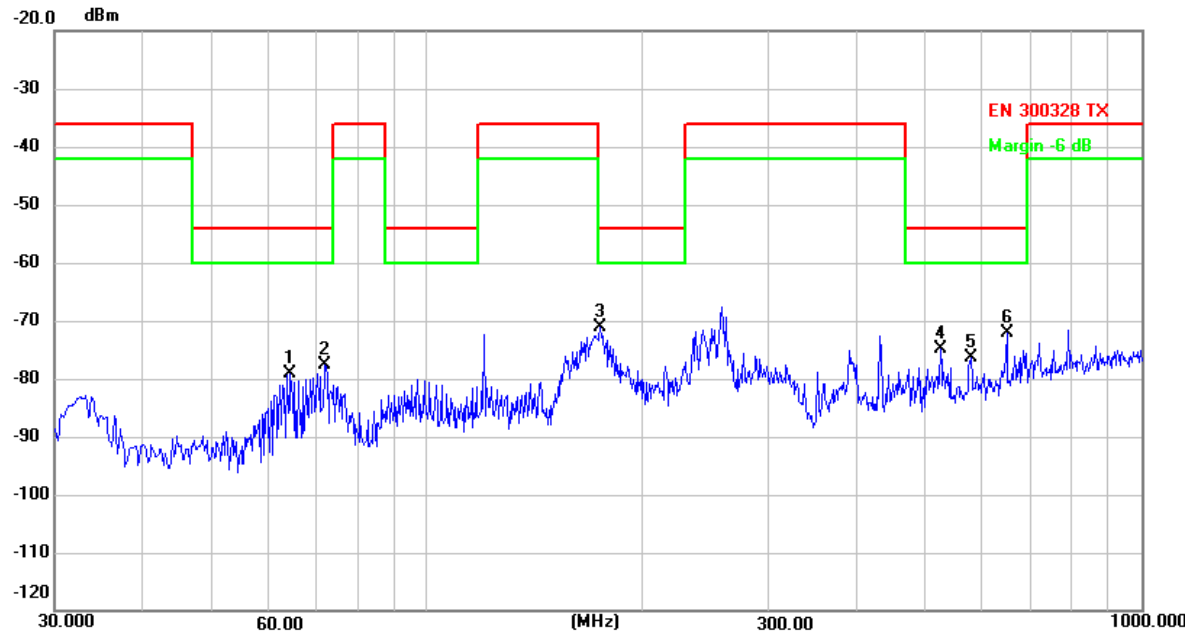
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1090.083	-59.15	-8.07	-67.22	-30.00	-37.22	peak
2	1493.500	-60.61	-6.94	-67.55	-30.00	-37.55	peak
3	4395.750	-65.12	1.13	-63.99	-30.00	-33.99	peak
4	7258.833	-68.54	10.05	-58.49	-30.00	-28.49	peak
5	9299.417	-67.58	12.52	-55.06	-30.00	-25.06	peak
6 *	11958.833	-68.18	15.34	-52.84	-30.00	-22.84	peak

TX 802.11g ANT1 (2412MHz) Vertical (1GHz-12.75GHz):



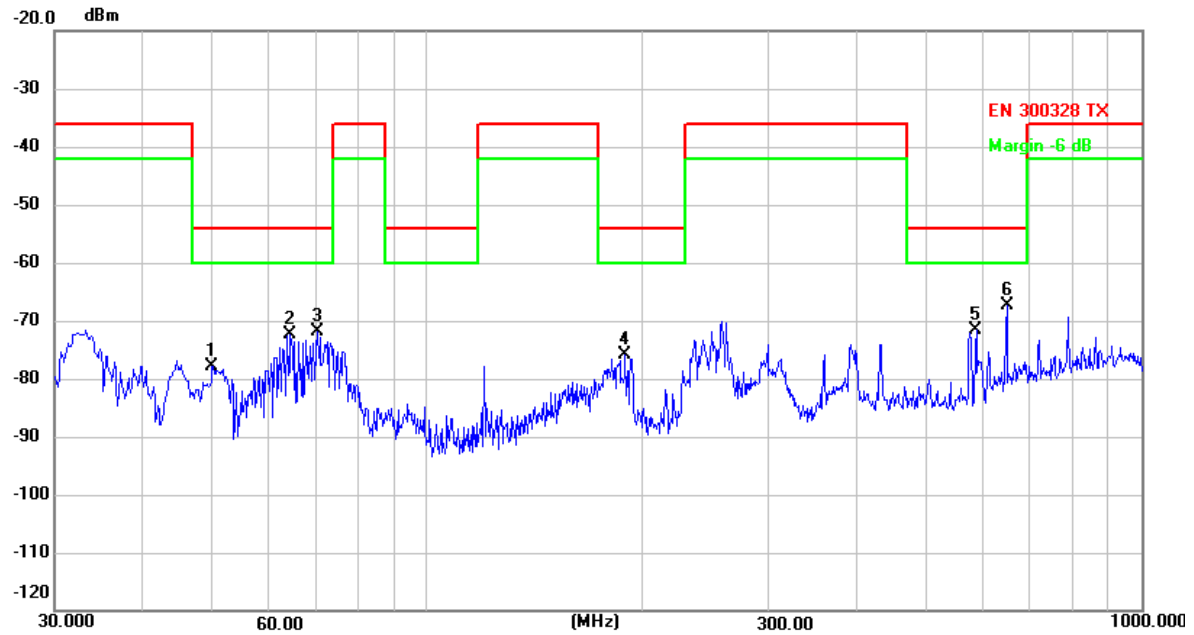
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1031.333	-57.79	-8.27	-66.06	-30.00	-36.06	peak
2	1191.917	-59.28	-7.74	-67.02	-30.00	-37.02	peak
3	3906.167	-66.46	0.15	-66.31	-30.00	-36.31	peak
4	5143.833	-65.98	2.57	-63.41	-30.00	-33.41	peak
5	7211.833	-67.70	9.91	-57.79	-30.00	-27.79	peak
6 *	11559.333	-68.12	15.00	-53.12	-30.00	-23.12	peak

TX 802.11g ANT1 (2472MHz) Horizontal (30MHz-1GHz):



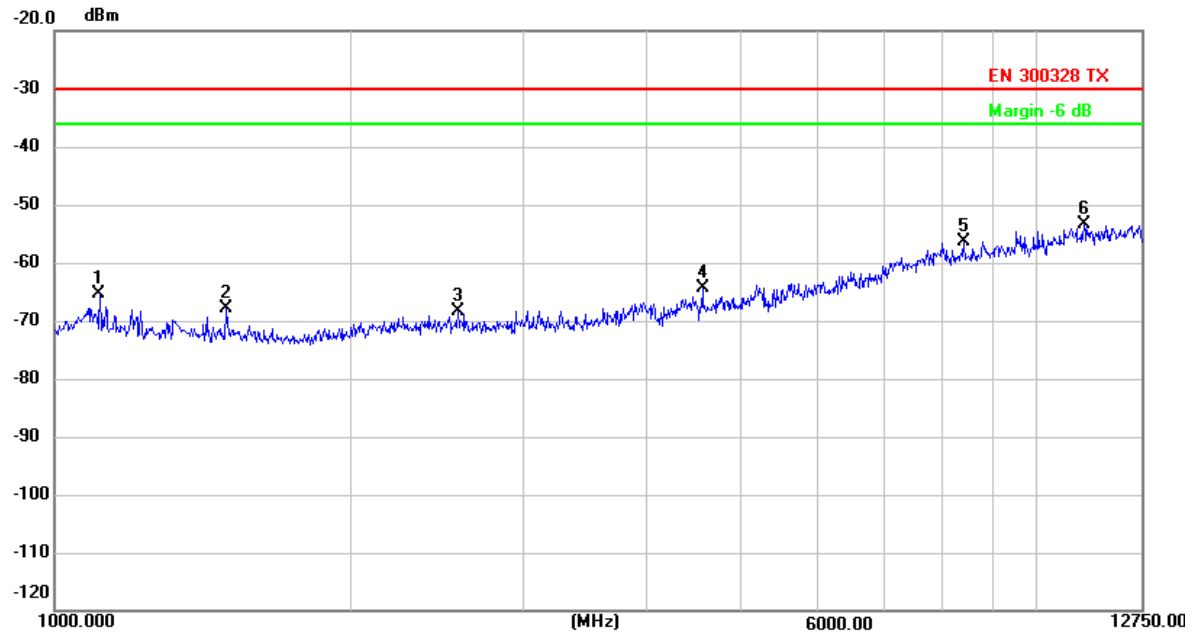
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	64.2733	-60.75	-18.26	-79.01	-54.00	-25.01	peak
2	72.0331	-58.20	-19.35	-77.55	-54.00	-23.55	peak
3 *	174.5300	-53.76	-17.41	-71.17	-54.00	-17.17	peak
4	524.3766	-65.40	-9.50	-74.90	-54.00	-20.90	peak
5	576.7566	-68.01	-8.35	-76.36	-54.00	-22.36	peak
6	648.5366	-65.50	-6.69	-72.19	-54.00	-18.19	peak

TX 802.11g ANT1 (2472MHz) Vertical (30MHz-1GHz):



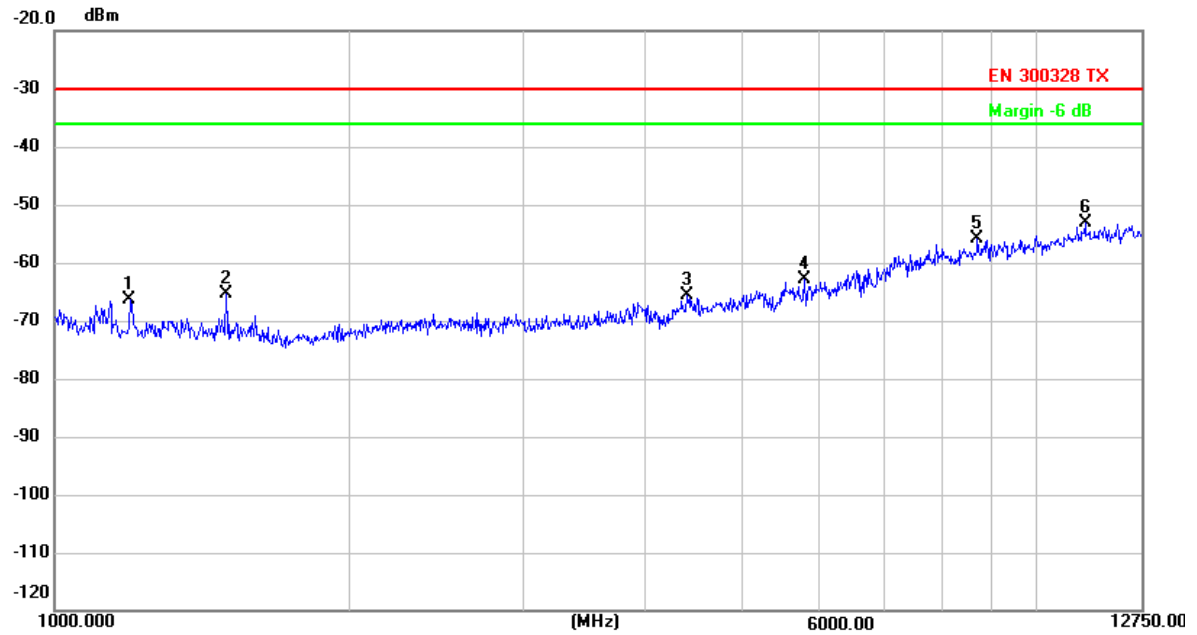
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	50.0465	-61.44	-16.51	-77.95	-54.00	-23.95	peak
2	64.2733	-54.09	-18.26	-72.35	-54.00	-18.35	peak
3	70.0931	-52.73	-19.15	-71.88	-54.00	-17.88	peak
4	189.7264	-57.12	-18.82	-75.94	-54.00	-21.94	peak
5	588.7199	-63.46	-8.13	-71.59	-54.00	-17.59	peak
6 *	649.1833	-60.65	-6.68	-67.33	-54.00	-13.33	peak

TX 802.11g ANT1 (2472MHz) Horizontal (1GHz-12.75GHz):



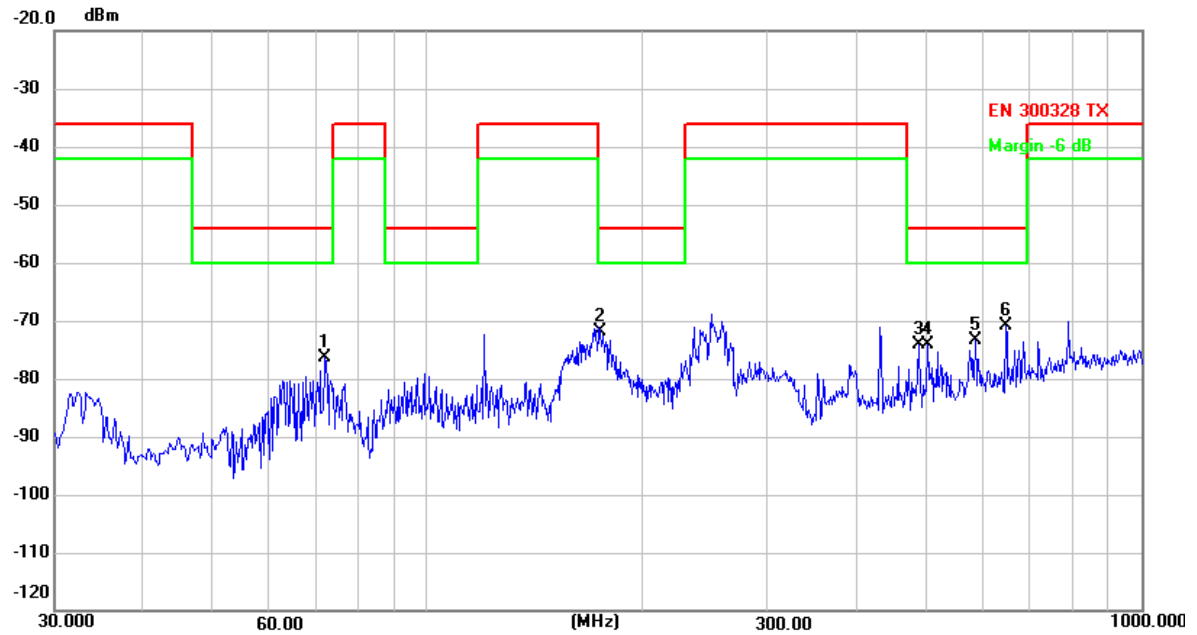
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1113.583	-57.28	-8.00	-65.28	-30.00	-35.28	peak
2	1497.417	-61.02	-6.93	-67.95	-30.00	-37.95	peak
3	2574.500	-65.40	-2.97	-68.37	-30.00	-38.37	peak
4	4564.167	-65.82	1.53	-64.29	-30.00	-34.29	peak
5	8406.417	-67.24	10.77	-56.47	-30.00	-26.47	peak
6 *	11163.750	-67.93	14.67	-53.26	-30.00	-23.26	peak

TX 802.11g ANT1 (2472MHz) Vertical (1GHz-12.75GHz):



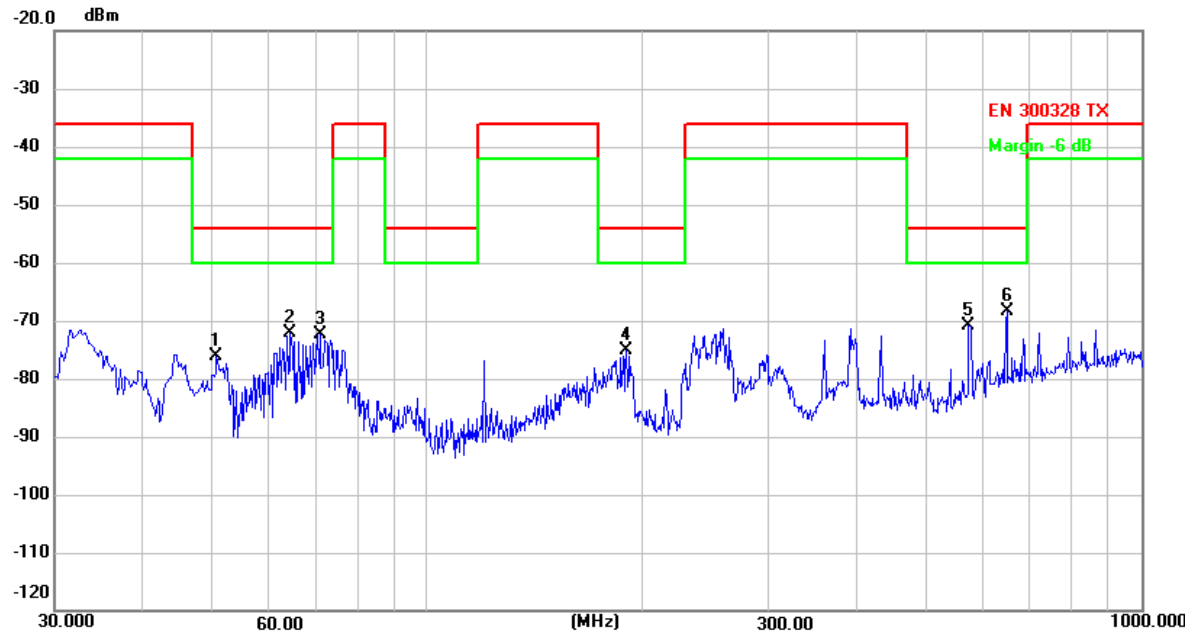
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1195.833	-58.57	-7.73	-66.30	-30.00	-36.30	peak
2	1497.417	-58.43	-6.93	-65.36	-30.00	-35.36	peak
3	4407.500	-66.81	1.16	-65.65	-30.00	-35.65	peak
4	5805.750	-67.69	4.83	-62.86	-30.00	-32.86	peak
5	8684.500	-67.29	11.33	-55.96	-30.00	-25.96	peak
6 *	11175.500	-67.90	14.66	-53.24	-30.00	-23.24	peak

TX 802.11g ANT2 (2412MHz) Horizontal (30MHz-1GHz):



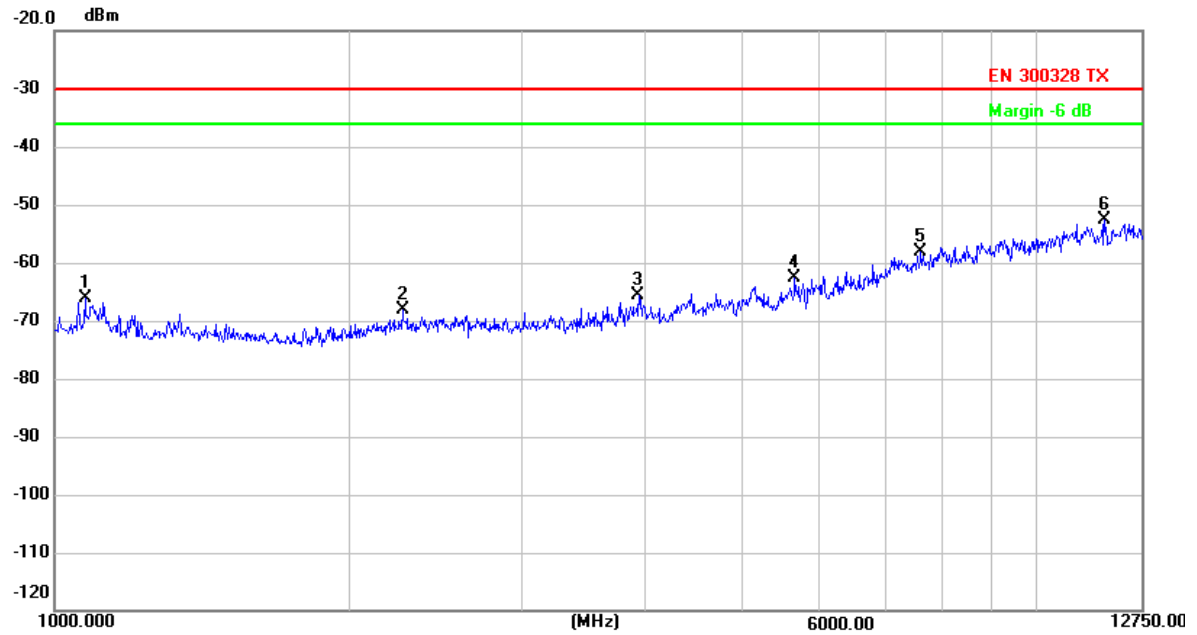
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	72.0331	-57.07	-19.35	-76.42	-54.00	-22.42	peak
2	174.5300	-54.38	-17.41	-71.79	-54.00	-17.79	peak
3	487.8400	-63.68	-10.38	-74.06	-54.00	-20.06	peak
4	502.7133	-64.03	-10.02	-74.05	-54.00	-20.05	peak
5	586.4565	-65.30	-8.15	-73.45	-54.00	-19.45	peak
6 *	646.5964	-64.12	-6.75	-70.87	-54.00	-16.87	peak

TX 802.11g ANT2 (2412MHz) Vertical (30MHz-1GHz):



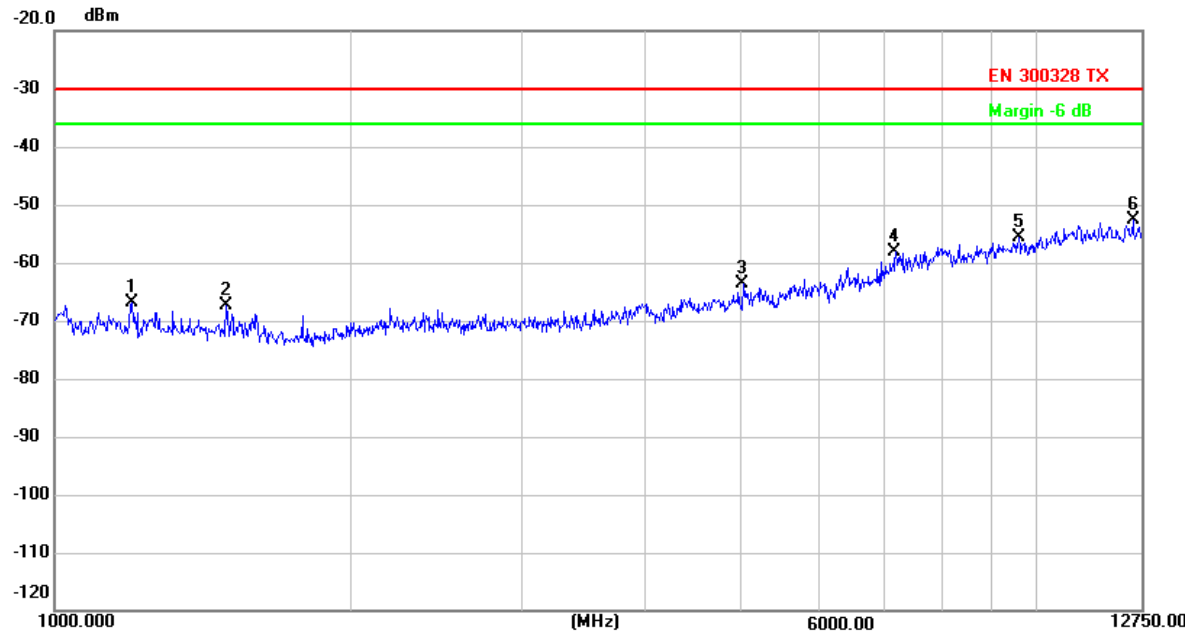
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	50.6933	-59.53	-16.58	-76.11	-54.00	-22.11	peak
2	64.2733	-53.91	-18.26	-72.17	-54.00	-18.17	peak
3	70.7400	-53.12	-19.21	-72.33	-54.00	-18.33	peak
4	190.3733	-56.39	-18.84	-75.23	-54.00	-21.23	peak
5	574.4932	-62.46	-8.40	-70.86	-54.00	-16.86	peak
6 *	649.1833	-61.60	-6.68	-68.28	-54.00	-14.28	peak

TX 802.11g ANT2 (2412MHz) Horizontal (1GHz-12.75GHz):



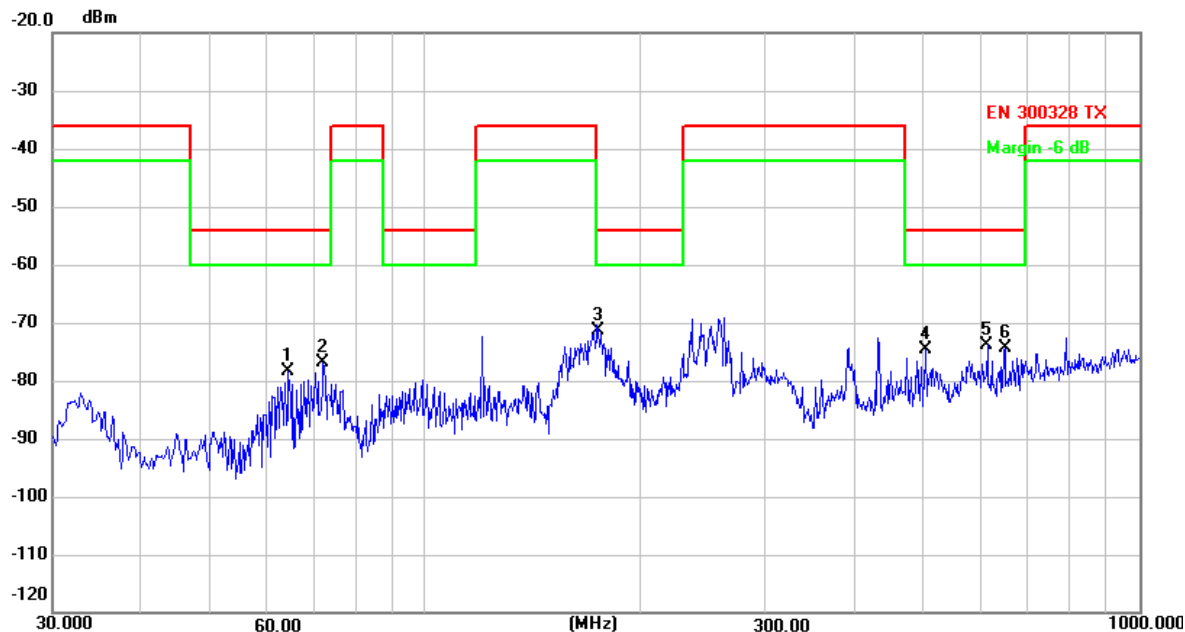
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1074.417	-57.87	-8.13	-66.00	-30.00	-36.00	peak
2	2261.167	-64.68	-3.48	-68.16	-30.00	-38.16	peak
3	3933.583	-66.02	0.30	-65.72	-30.00	-35.72	peak
4	5664.750	-66.84	4.31	-62.53	-30.00	-32.53	peak
5	7619.167	-68.29	10.25	-58.04	-30.00	-28.04	peak
6 *	11696.417	-67.66	15.02	-52.64	-30.00	-22.64	peak

TX 802.11g ANT2 (2412MHz) Vertical (1GHz-12.75GHz):



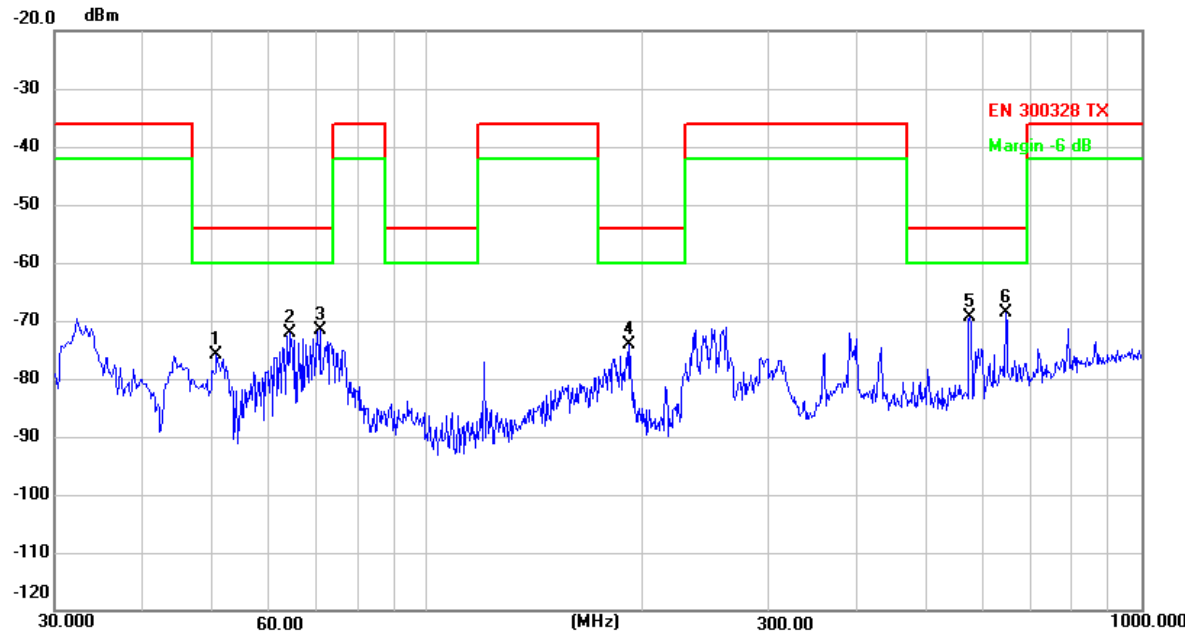
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1199.750	-59.27	-7.71	-66.98	-30.00	-36.98	peak
2	1497.417	-60.44	-6.93	-67.37	-30.00	-37.37	peak
3	5026.333	-65.78	2.16	-63.62	-30.00	-33.62	peak
4	7188.333	-67.88	9.85	-58.03	-30.00	-28.03	peak
5	9581.417	-68.32	12.63	-55.69	-30.00	-25.69	peak
6 *	12507.167	-68.47	15.85	-52.62	-30.00	-22.62	peak

TX 802.11g ANT2 (2472MHz) Horizontal (30MHz-1GHz):



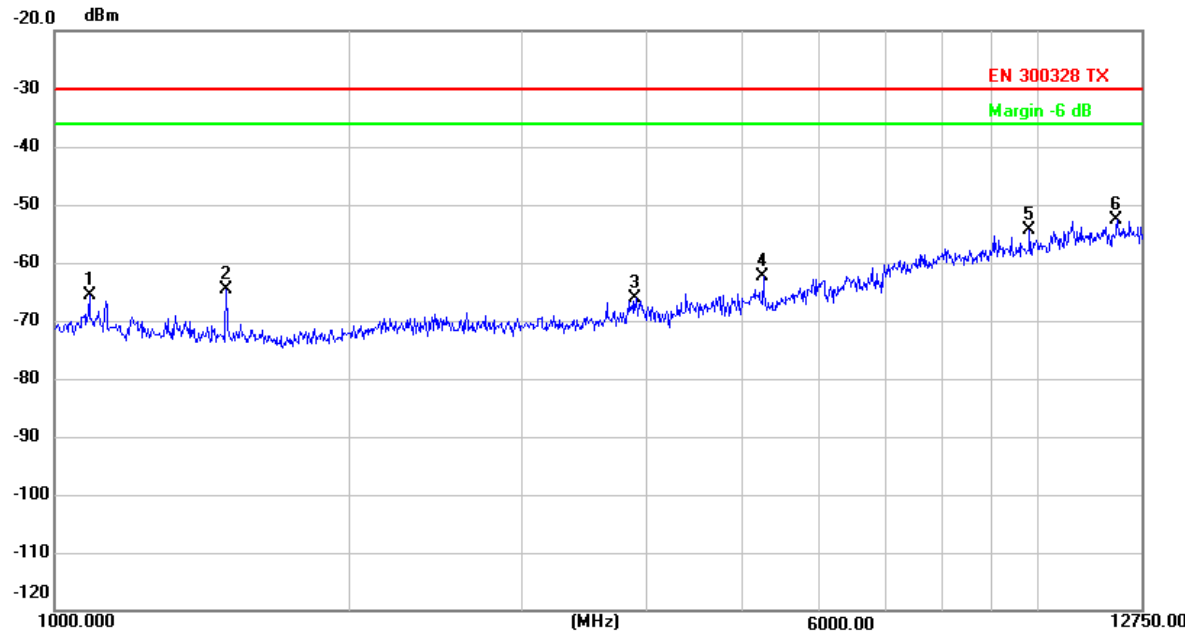
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	64.2733	-60.21	-18.26	-78.47	-54.00	-24.47	peak
2	72.0331	-57.49	-19.35	-76.84	-54.00	-22.84	peak
3 *	174.5300	-53.87	-17.41	-71.28	-54.00	-17.28	peak
4	502.7133	-64.61	-10.02	-74.63	-54.00	-20.63	peak
5	612.9699	-66.24	-7.57	-73.81	-54.00	-19.81	peak
6	648.8600	-67.60	-6.68	-74.28	-54.00	-20.28	peak

TX 802.11g ANT2 (2472MHz) Vertical (30MHz-1GHz):



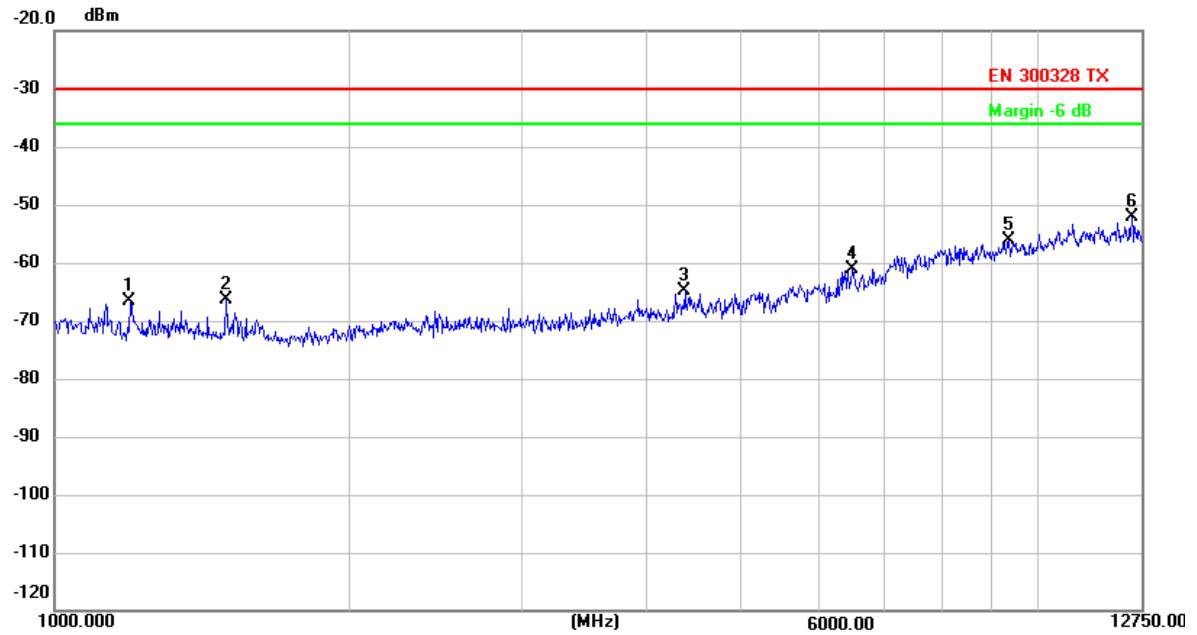
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	50.6933	-59.27	-16.58	-75.85	-54.00	-21.85	peak
2	64.2733	-53.83	-18.26	-72.09	-54.00	-18.09	peak
3	70.7400	-52.30	-19.21	-71.51	-54.00	-17.51	peak
4	192.3130	-55.38	-18.83	-74.21	-54.00	-20.21	peak
5	574.8165	-60.94	-8.39	-69.33	-54.00	-15.33	peak
6 *	646.5964	-61.87	-6.75	-68.62	-54.00	-14.62	peak

TX 802.11g ANT2 (2472MHz) Horizontal (1GHz-12.75GHz):



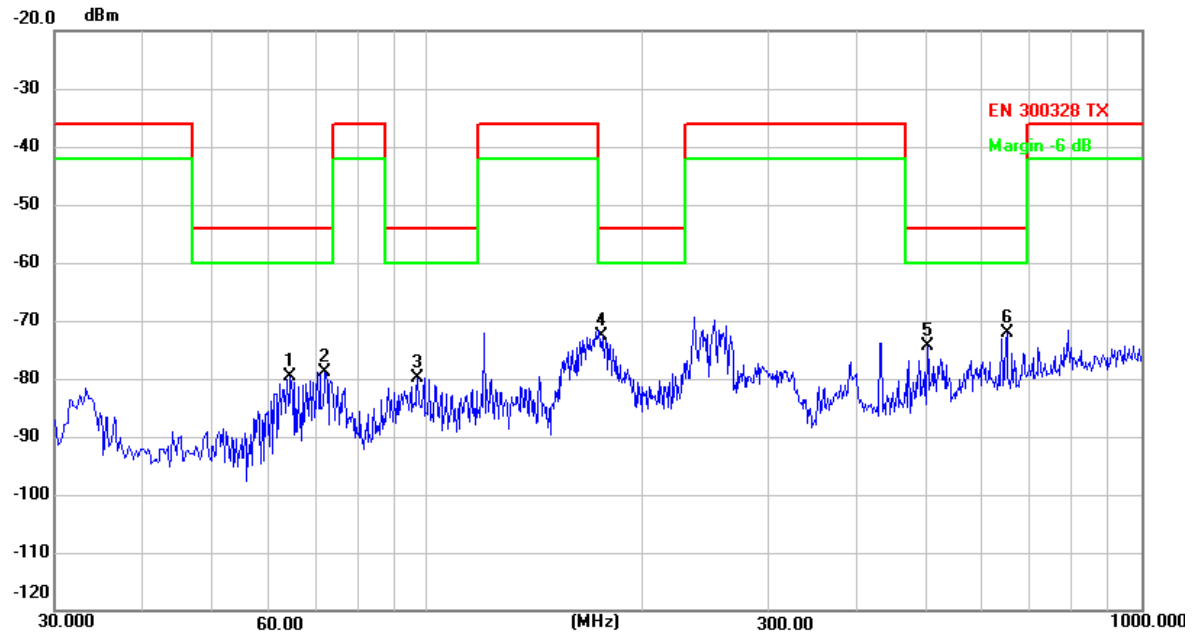
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1086.167	-57.46	-8.09	-65.55	-30.00	-35.55	peak
2	1497.417	-57.75	-6.93	-64.68	-30.00	-34.68	peak
3	3910.083	-66.30	0.18	-66.12	-30.00	-36.12	peak
4	5261.333	-65.23	2.93	-62.30	-30.00	-32.30	peak
5	9828.167	-67.26	12.94	-54.32	-30.00	-24.32	peak
6 *	12076.333	-68.26	15.56	-52.70	-30.00	-22.70	peak

TX 802.11g ANT2 (2472MHz) Vertical (1GHz-12.75GHz):



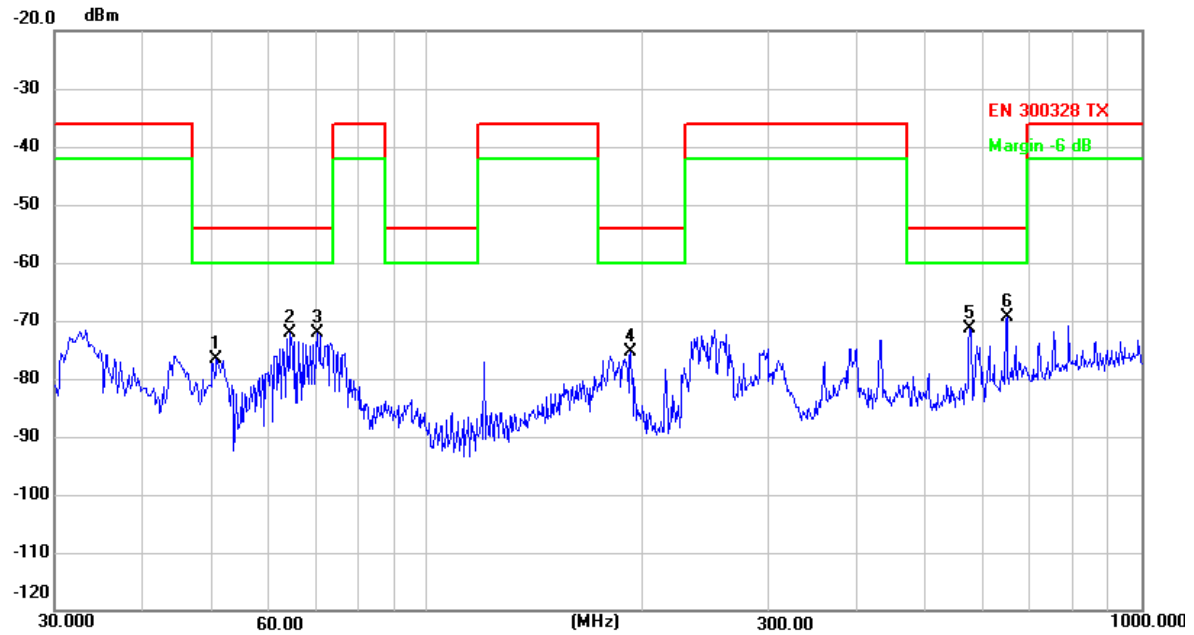
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1195.833	-58.85	-7.73	-66.58	-30.00	-36.58	peak
2	1497.417	-59.49	-6.93	-66.42	-30.00	-36.42	peak
3	4380.083	-66.08	1.11	-64.97	-30.00	-34.97	peak
4	6491.167	-68.33	7.30	-61.03	-30.00	-31.03	peak
5	9369.917	-68.77	12.58	-56.19	-30.00	-26.19	peak
6 *	12491.500	-67.94	15.82	-52.12	-30.00	-22.12	peak

TX 802.11n(HT20) MIMO (2412MHz) Horizontal (30MHz-1GHz):



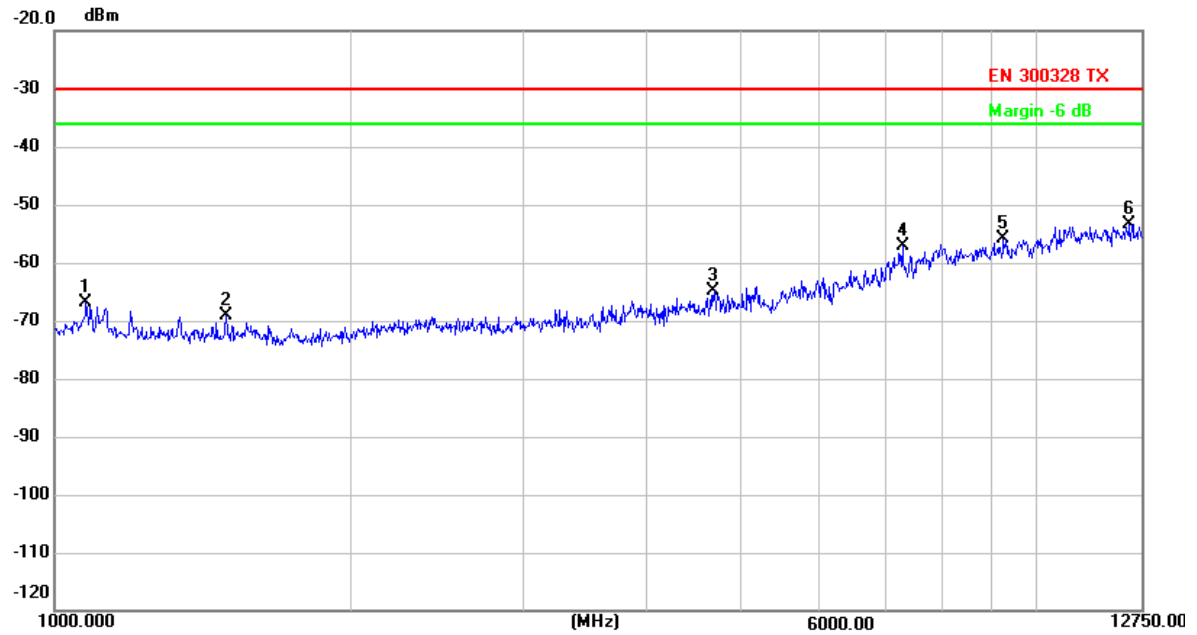
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	64.2733	-61.27	-18.26	-79.53	-54.00	-25.53	peak
2	72.0331	-59.41	-19.35	-78.76	-54.00	-24.76	peak
3	96.9300	-59.48	-20.28	-79.76	-54.00	-25.76	peak
4	176.1465	-54.83	-17.67	-72.50	-54.00	-18.50	peak
5	502.3900	-64.44	-10.04	-74.48	-54.00	-20.48	peak
6 *	649.1833	-65.52	-6.68	-72.20	-54.00	-18.20	peak

TX 802.11n(HT20) MIMO (2412MHz) Vertical (30MHz-1GHz):



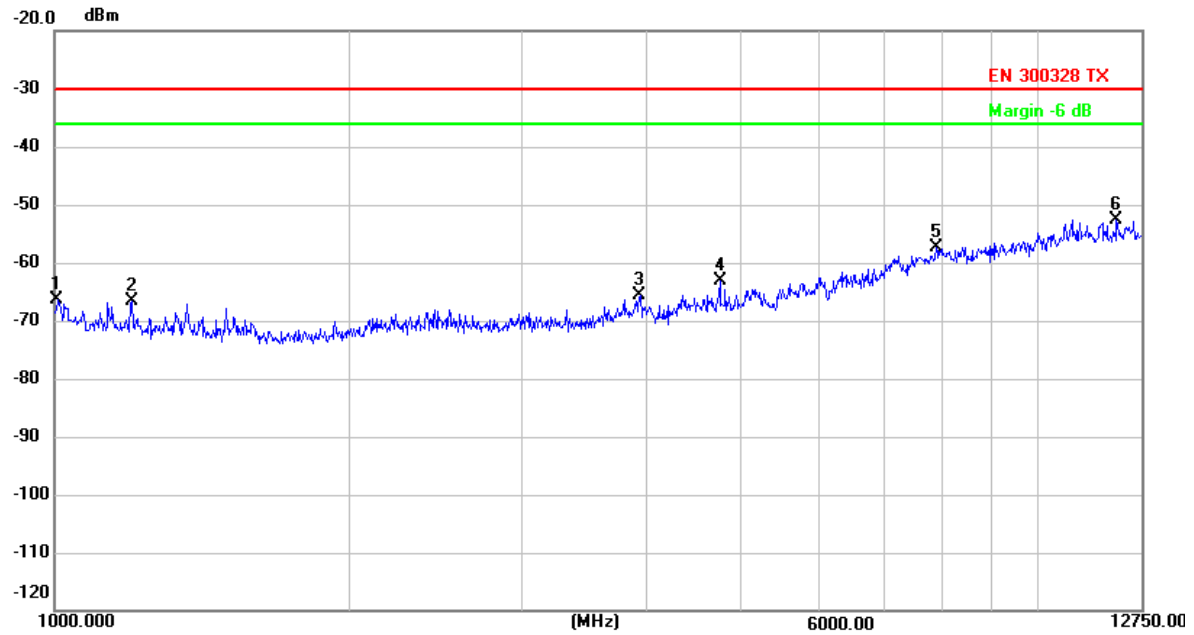
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	50.6933	-60.08	-16.58	-76.66	-54.00	-22.66	peak
2	64.2733	-53.92	-18.26	-72.18	-54.00	-18.18	peak
3	70.0931	-53.00	-19.15	-72.15	-54.00	-18.15	peak
4	192.9600	-56.65	-18.83	-75.48	-54.00	-21.48	peak
5	574.8165	-62.94	-8.39	-71.33	-54.00	-17.33	peak
6 *	649.1833	-62.70	-6.68	-69.38	-54.00	-15.38	peak

TX 802.11n(HT20) MIMO (2412MHz) Horizontal (1GHz-12.75GHz):



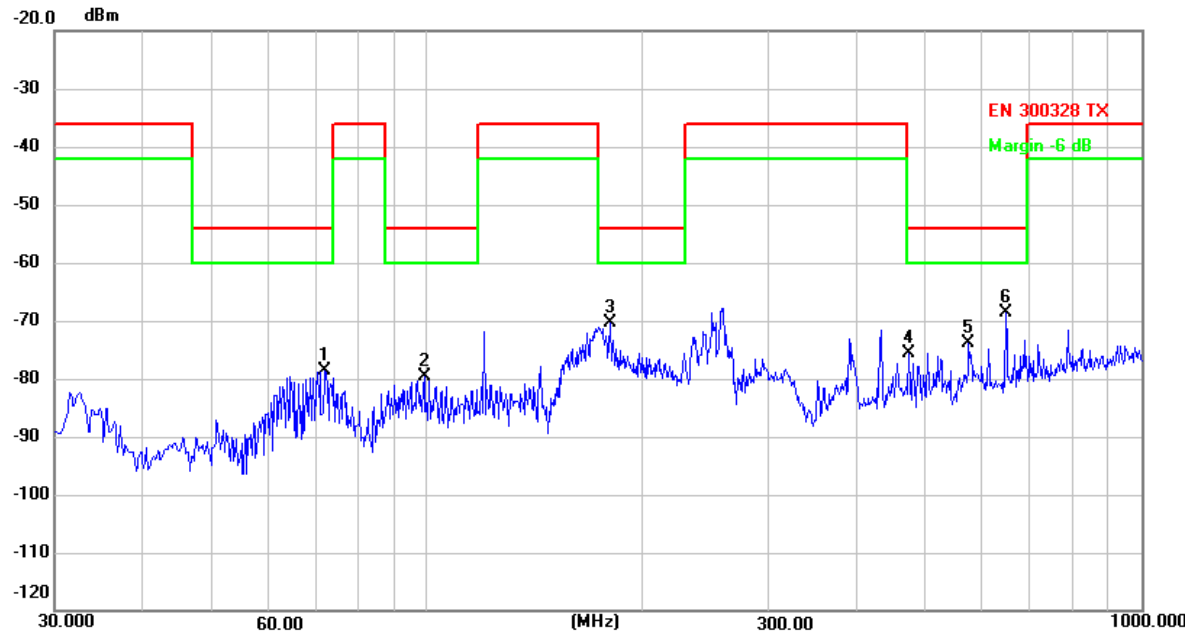
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1078.333	-58.75	-8.11	-66.86	-30.00	-36.86	peak
2	1497.417	-62.14	-6.93	-69.07	-30.00	-39.07	peak
3	4697.333	-66.64	1.74	-64.90	-30.00	-34.90	peak
4	7290.167	-67.30	10.12	-57.18	-30.00	-27.18	peak
5	9244.583	-68.30	12.39	-55.91	-30.00	-25.91	peak
6 *	12401.417	-69.01	15.67	-53.34	-30.00	-23.34	peak

TX 802.11n(HT20) MIMO (2412MHz) Vertical (1GHz-12.75GHz):



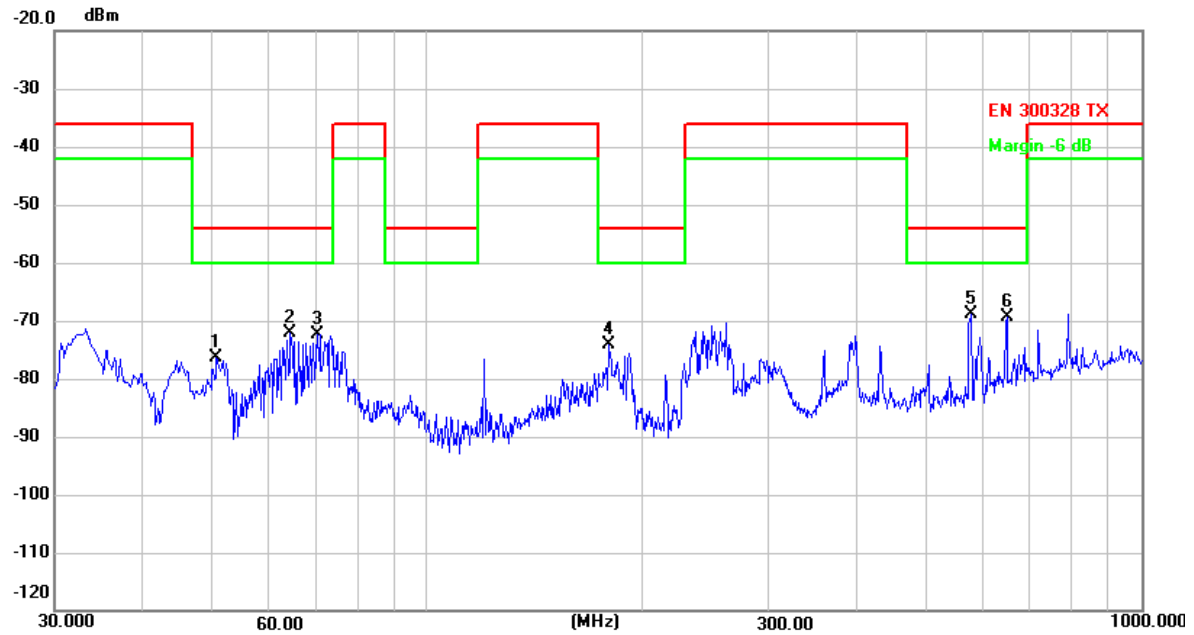
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1007.833	-58.08	-8.34	-66.42	-30.00	-36.42	peak
2	1199.750	-58.82	-7.71	-66.53	-30.00	-36.53	peak
3	3945.333	-65.98	0.36	-65.62	-30.00	-35.62	peak
4	4760.000	-65.00	1.84	-63.16	-30.00	-33.16	peak
5	7889.417	-68.35	10.89	-57.46	-30.00	-27.46	peak
6 *	12045.000	-68.24	15.52	-52.72	-30.00	-22.72	peak

TX 802.11n(HT20) MIMO (2472MHz) Horizontal (30MHz-1GHz):



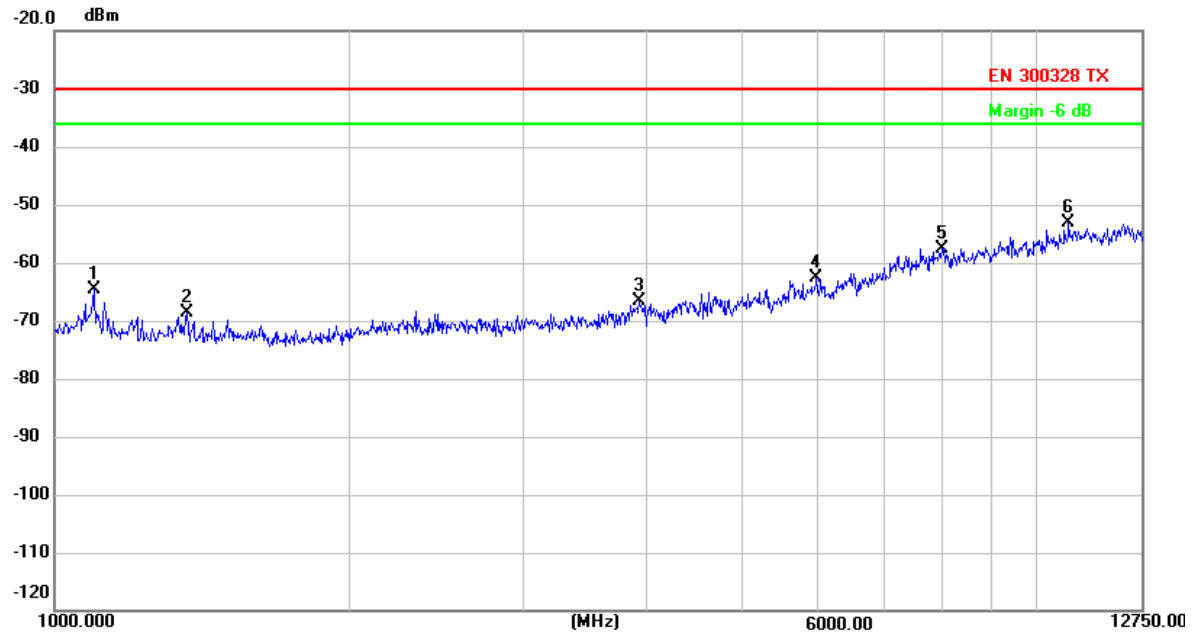
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	72.0331	-59.17	-19.35	-78.52	-54.00	-24.52	peak
2	98.8700	-59.56	-20.18	-79.74	-54.00	-25.74	peak
3	180.0266	-52.28	-18.12	-70.40	-54.00	-16.40	peak
4	472.3200	-64.98	-10.66	-75.64	-54.00	-21.64	peak
5	574.4932	-65.45	-8.40	-73.85	-54.00	-19.85	peak
6 *	646.5964	-61.83	-6.75	-68.58	-54.00	-14.58	peak

TX 802.11n(HT20) MIMO (2472MHz) Vertical (30MHz-1GHz):



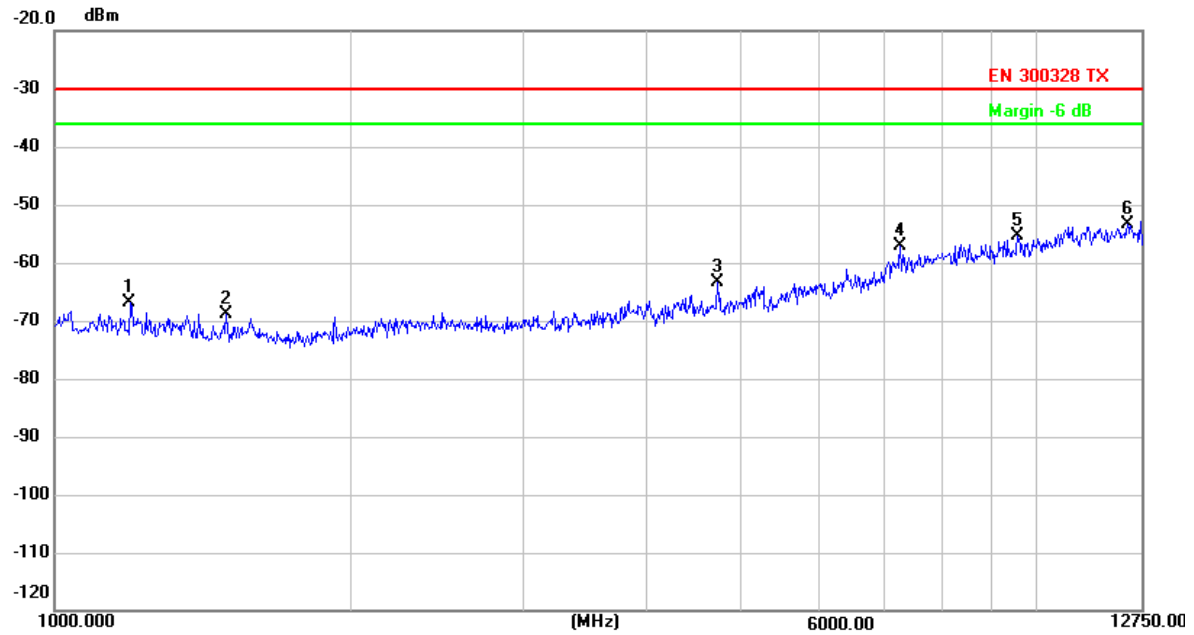
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	50.6933	-59.73	-16.58	-76.31	-54.00	-22.31	peak
2	64.2733	-53.78	-18.26	-72.04	-54.00	-18.04	peak
3	70.0931	-53.25	-19.15	-72.40	-54.00	-18.40	peak
4	179.7033	-56.01	-18.09	-74.10	-54.00	-20.10	peak
5 *	577.0800	-60.45	-8.35	-68.80	-54.00	-14.80	peak
6	649.1833	-62.66	-6.68	-69.34	-54.00	-15.34	peak

TX 802.11n(HT20) MIMO (2472MHz) Horizontal (1GHz-12.75GHz):



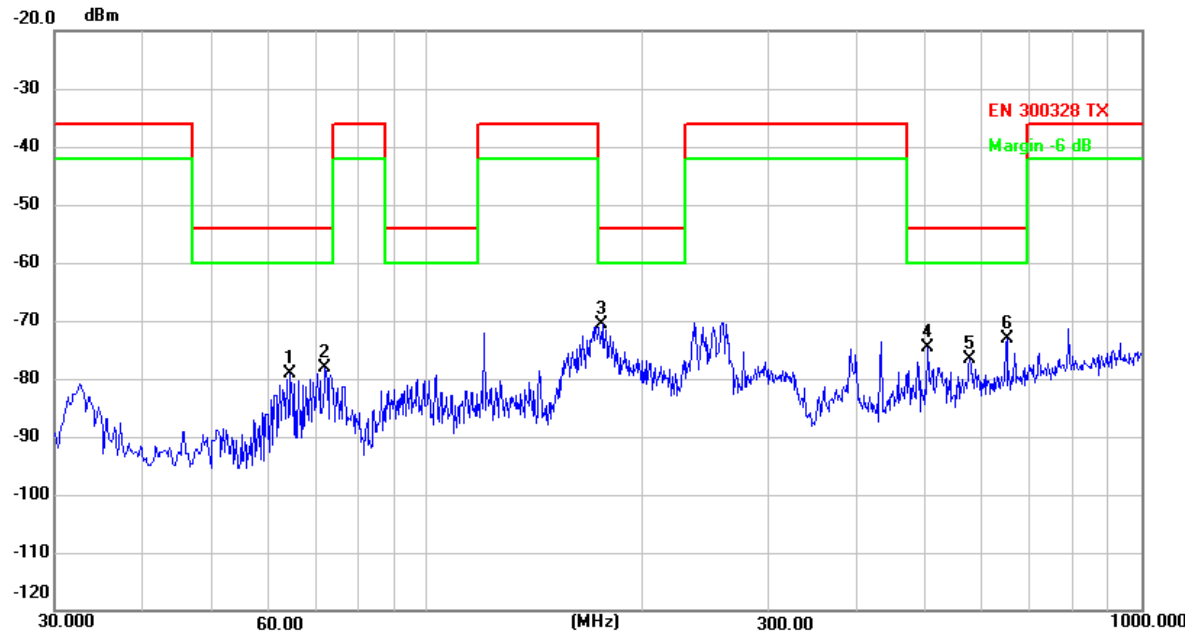
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1097.917	-56.68	-8.04	-64.72	-30.00	-34.72	peak
2	1364.250	-61.53	-7.11	-68.64	-30.00	-38.64	peak
3	3937.500	-66.95	0.32	-66.63	-30.00	-36.63	peak
4	5962.417	-68.18	5.49	-62.69	-30.00	-32.69	peak
5	8014.750	-68.52	10.97	-57.55	-30.00	-27.55	peak
6 *	10772.083	-67.43	14.38	-53.05	-30.00	-23.05	peak

TX 802.11n(HT20) MIMO (2472MHz) Vertical (1GHz-12.75GHz):



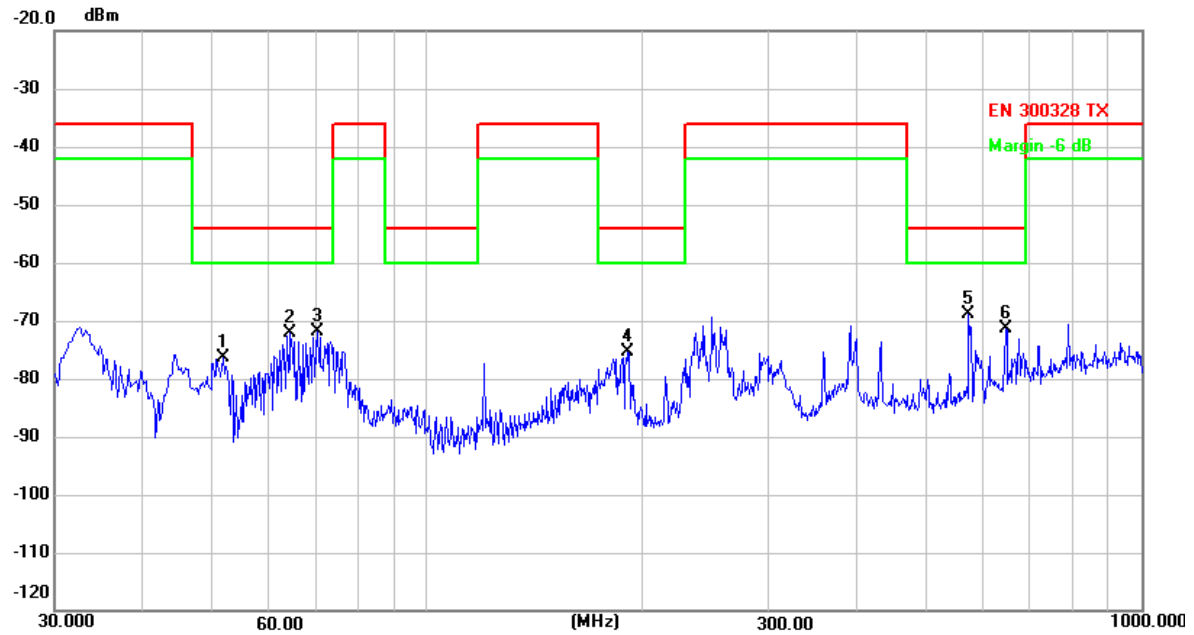
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1195.833	-59.20	-7.73	-66.93	-30.00	-36.93	peak
2	1497.417	-61.89	-6.93	-68.82	-30.00	-38.82	peak
3	4724.750	-65.24	1.80	-63.44	-30.00	-33.44	peak
4	7254.917	-67.04	10.03	-57.01	-30.00	-27.01	peak
5	9546.167	-68.06	12.61	-55.45	-30.00	-25.45	peak
6 *	12362.250	-68.95	15.66	-53.29	-30.00	-23.29	peak

TX 802.11n(HT40) MIMO (2422MHz) Horizontal (30MHz-1GHz):



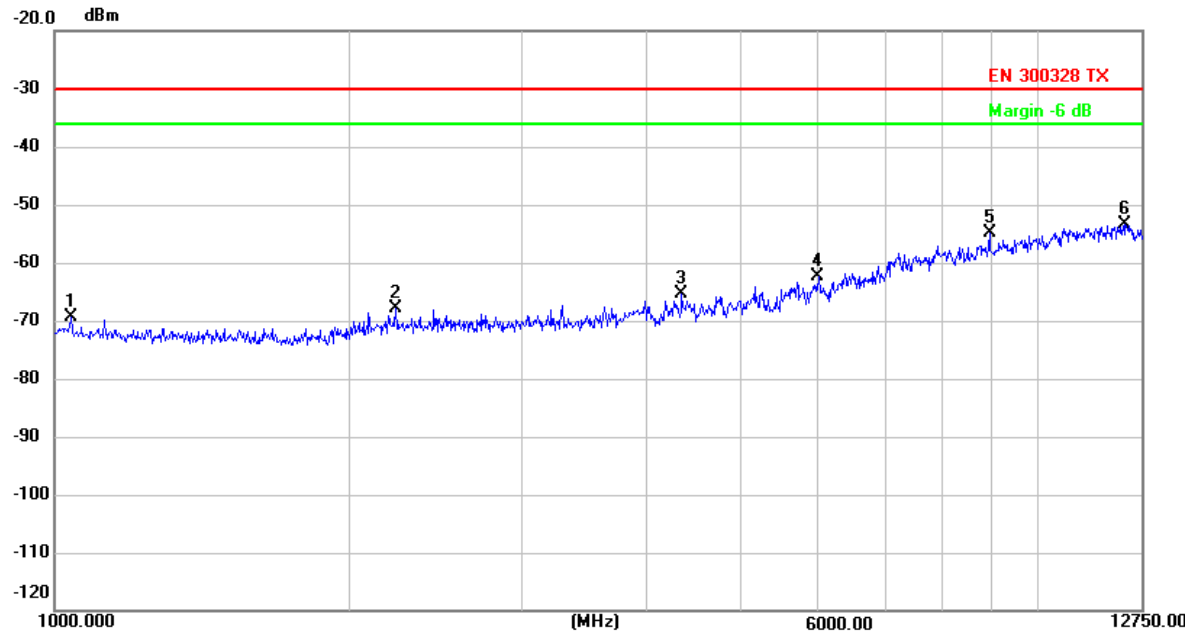
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	64.2733	-60.90	-18.26	-79.16	-54.00	-25.16	peak
2	72.0331	-58.89	-19.35	-78.24	-54.00	-24.24	peak
3 *	176.1465	-52.88	-17.67	-70.55	-54.00	-16.55	peak
4	502.7133	-64.53	-10.02	-74.55	-54.00	-20.55	peak
5	574.8165	-68.14	-8.39	-76.53	-54.00	-22.53	peak
6	647.5665	-66.36	-6.72	-73.08	-54.00	-19.08	peak

TX 802.11n(HT40) MIMO (2422MHz) Vertical (30MHz-1GHz):



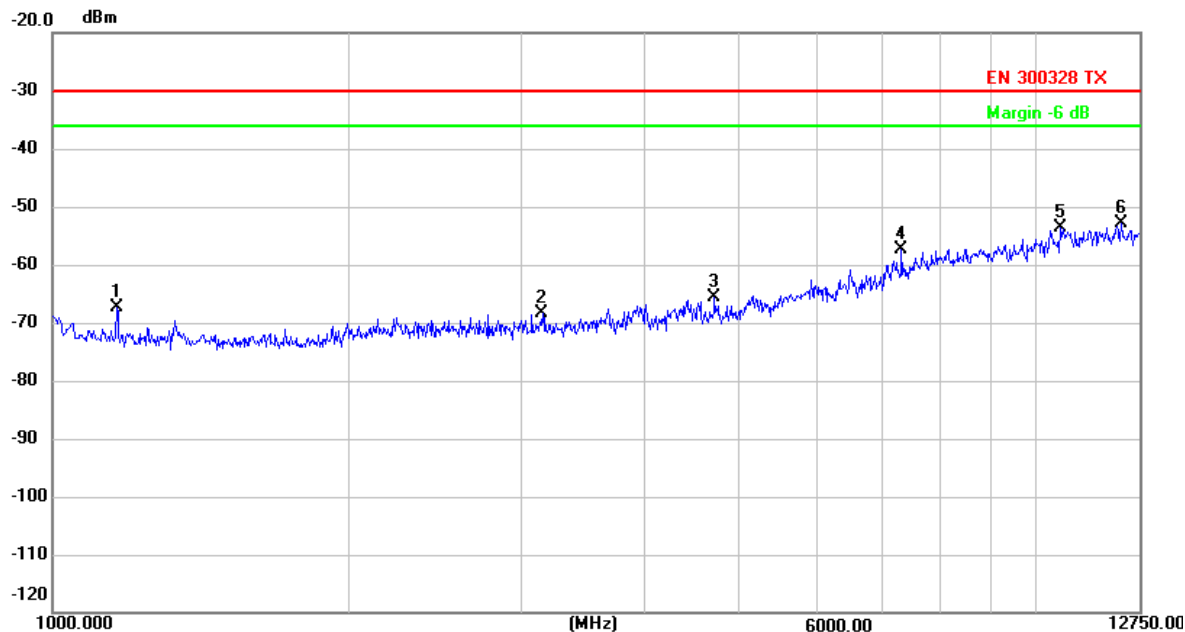
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	51.6632	-59.67	-16.61	-76.28	-54.00	-22.28	peak
2	64.2733	-53.98	-18.26	-72.24	-54.00	-18.24	peak
3	70.0931	-52.77	-19.15	-71.92	-54.00	-17.92	peak
4	191.0200	-56.58	-18.84	-75.42	-54.00	-21.42	peak
5 *	574.4932	-60.54	-8.40	-68.94	-54.00	-14.94	peak
6	646.5964	-64.64	-6.75	-71.39	-54.00	-17.39	peak

TX 802.11n(HT40) MIMO (2422MHz) Horizontal (1GHz-12.75GHz):



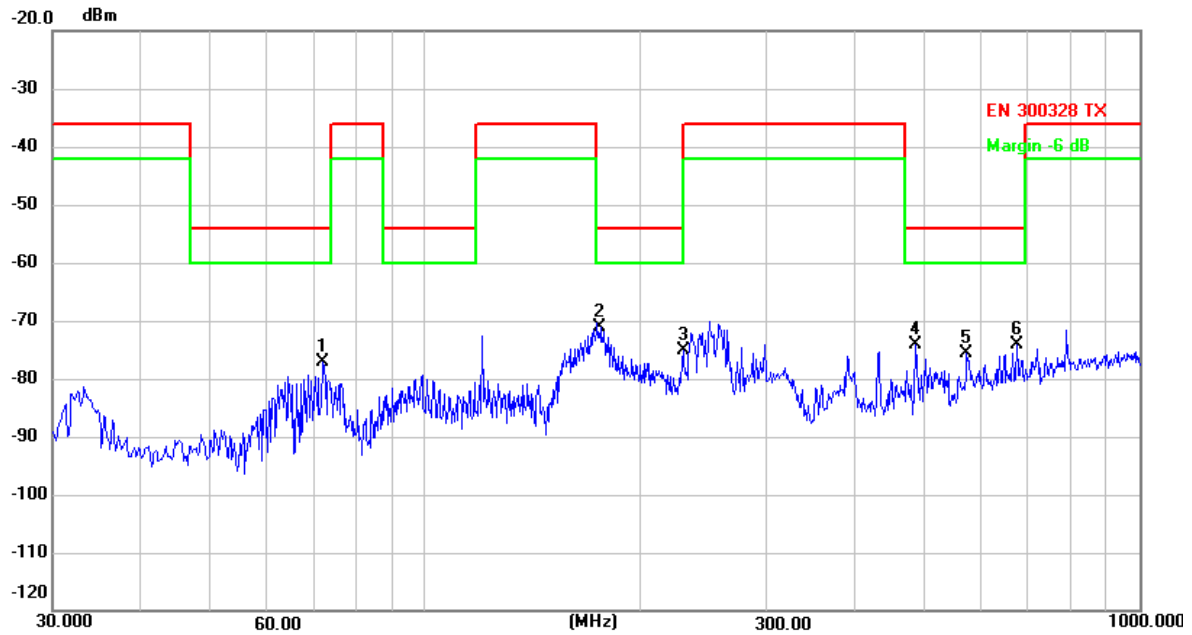
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1039.167	-61.19	-8.24	-69.43	-30.00	-39.43	peak
2	2225.917	-64.31	-3.57	-67.88	-30.00	-37.88	peak
3	4348.750	-66.45	1.06	-65.39	-30.00	-35.39	peak
4	6001.583	-68.10	5.65	-62.45	-30.00	-32.45	peak
5	8946.917	-66.47	11.65	-54.82	-30.00	-24.82	peak
6 *	12295.667	-68.89	15.63	-53.26	-30.00	-23.26	peak

TX 802.11n(HT40) MIMO (2422MHz) Vertical (1GHz-12.75GHz):



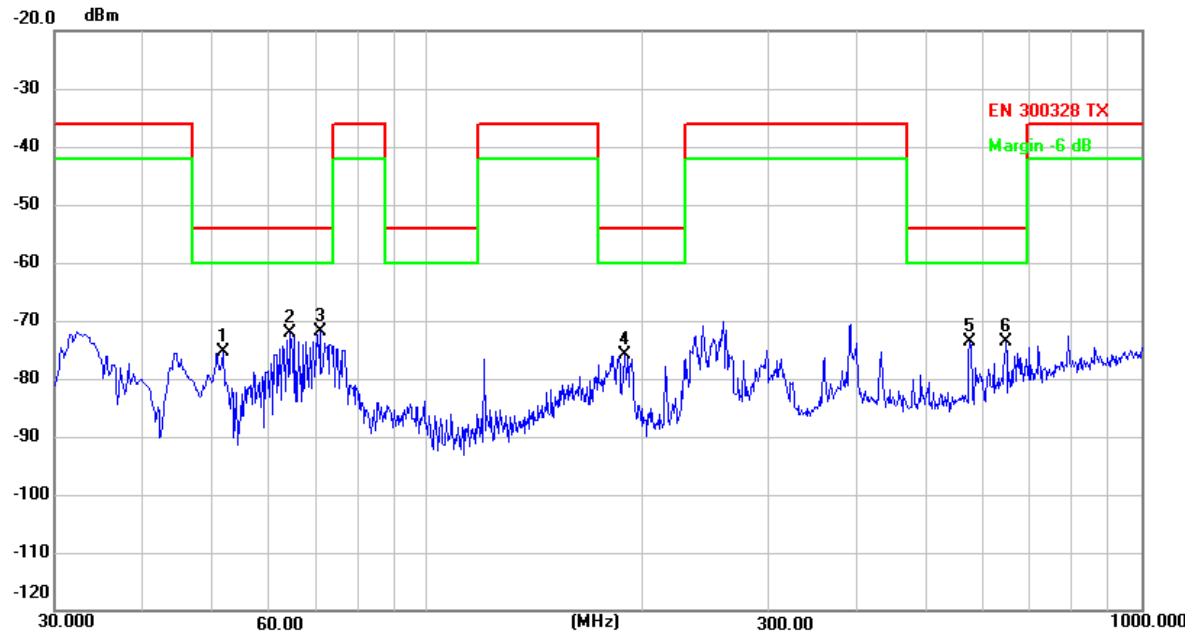
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1164.500	-59.50	-7.83	-67.33	-30.00	-37.33	peak
2	3158.083	-66.38	-2.09	-68.47	-30.00	-38.47	peak
3	4716.917	-67.34	1.78	-65.56	-30.00	-35.56	peak
4	7301.917	-67.47	10.15	-57.32	-30.00	-27.32	peak
5	10611.500	-67.75	14.06	-53.69	-30.00	-23.69	peak
6 *	12225.167	-68.64	15.65	-52.99	-30.00	-22.99	peak

TX 802.11n(HT40) MIMO (2462MHz) Horizontal (30MHz-1GHz):



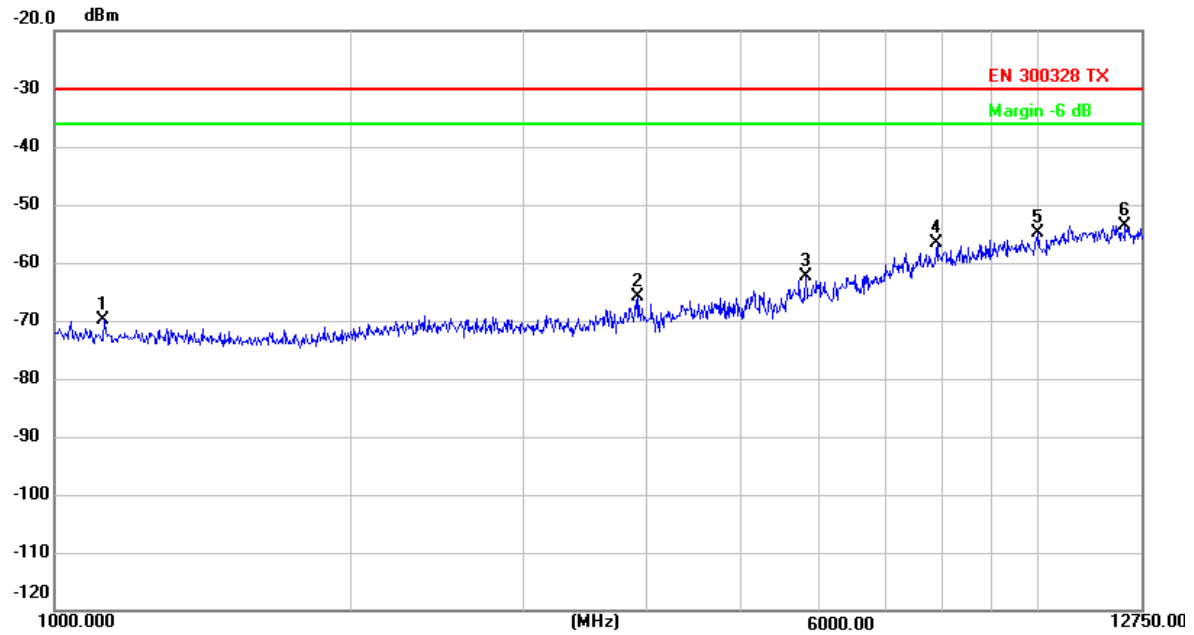
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	72.0331	-57.75	-19.35	-77.10	-54.00	-23.10	peak
2 *	176.1465	-53.44	-17.67	-71.11	-54.00	-17.11	peak
3	229.8200	-56.87	-18.31	-75.18	-54.00	-21.18	peak
4	487.1933	-63.80	-10.40	-74.20	-54.00	-20.20	peak
5	574.4932	-67.33	-8.40	-75.73	-54.00	-21.73	peak
6	674.7264	-68.05	-6.16	-74.21	-54.00	-20.21	peak

TX 802.11n(HT40) MIMO (2462MHz) Vertical (30MHz-1GHz):



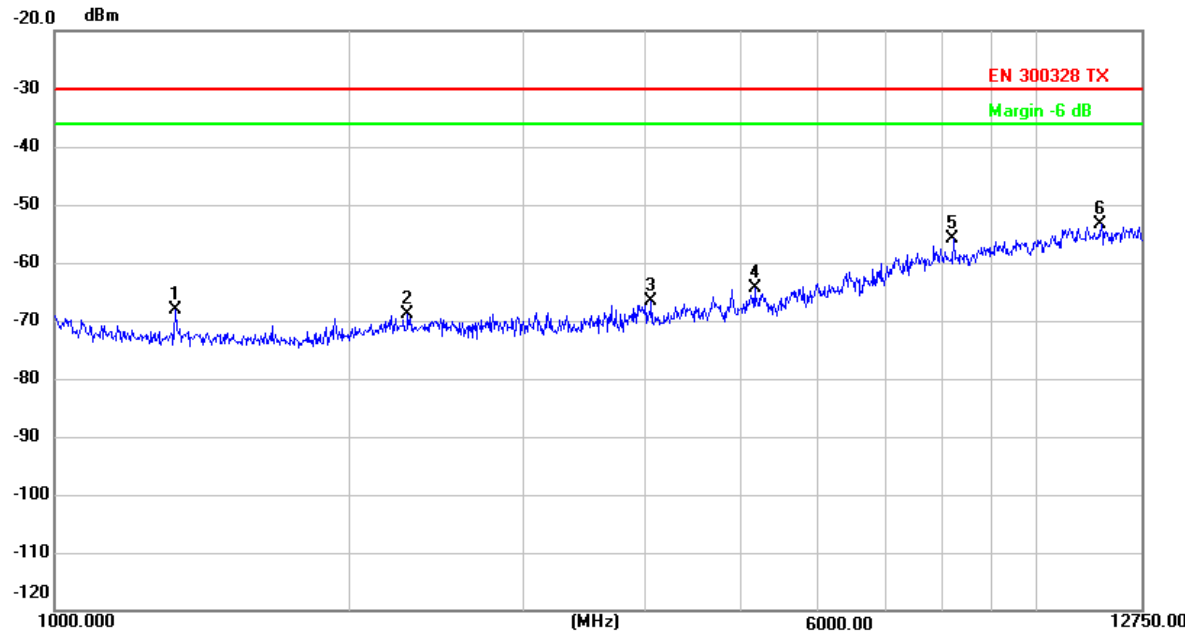
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	51.6632	-58.83	-16.61	-75.44	-54.00	-21.44	peak
2	64.2733	-53.91	-18.26	-72.17	-54.00	-18.17	peak
3 *	70.7400	-52.60	-19.21	-71.81	-54.00	-17.81	peak
4	189.7264	-57.07	-18.82	-75.89	-54.00	-21.89	peak
5	575.7866	-65.26	-8.37	-73.63	-54.00	-19.63	peak
6	646.5964	-66.80	-6.75	-73.55	-54.00	-19.55	peak

TX 802.11n(HT40) MIMO (2462MHz) Horizontal (1GHz-12.75GHz):



No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1125.333	-62.02	-7.95	-69.97	-30.00	-39.97	peak
2	3929.667	-66.20	0.28	-65.92	-30.00	-35.92	peak
3	5809.667	-67.32	4.85	-62.47	-30.00	-32.47	peak
4	7916.833	-67.65	10.92	-56.73	-30.00	-26.73	peak
5	10020.083	-68.01	13.22	-54.79	-30.00	-24.79	peak
6 *	12283.917	-69.19	15.62	-53.57	-30.00	-23.57	peak

TX 802.11n(HT40) MIMO (2462MHz) Vertical (1GHz-12.75GHz):



No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1329.000	-61.00	-7.18	-68.18	-30.00	-38.18	peak
2	2288.583	-65.48	-3.45	-68.93	-30.00	-38.93	peak
3	4051.083	-67.32	0.62	-66.70	-30.00	-36.70	peak
4	5159.500	-67.10	2.61	-64.49	-30.00	-34.49	peak
5	8222.333	-66.61	10.67	-55.94	-30.00	-25.94	peak
6 *	11629.833	-68.37	15.02	-53.35	-30.00	-23.35	peak

12. Receiver spurious emissions

12.1 Radiated Emissions

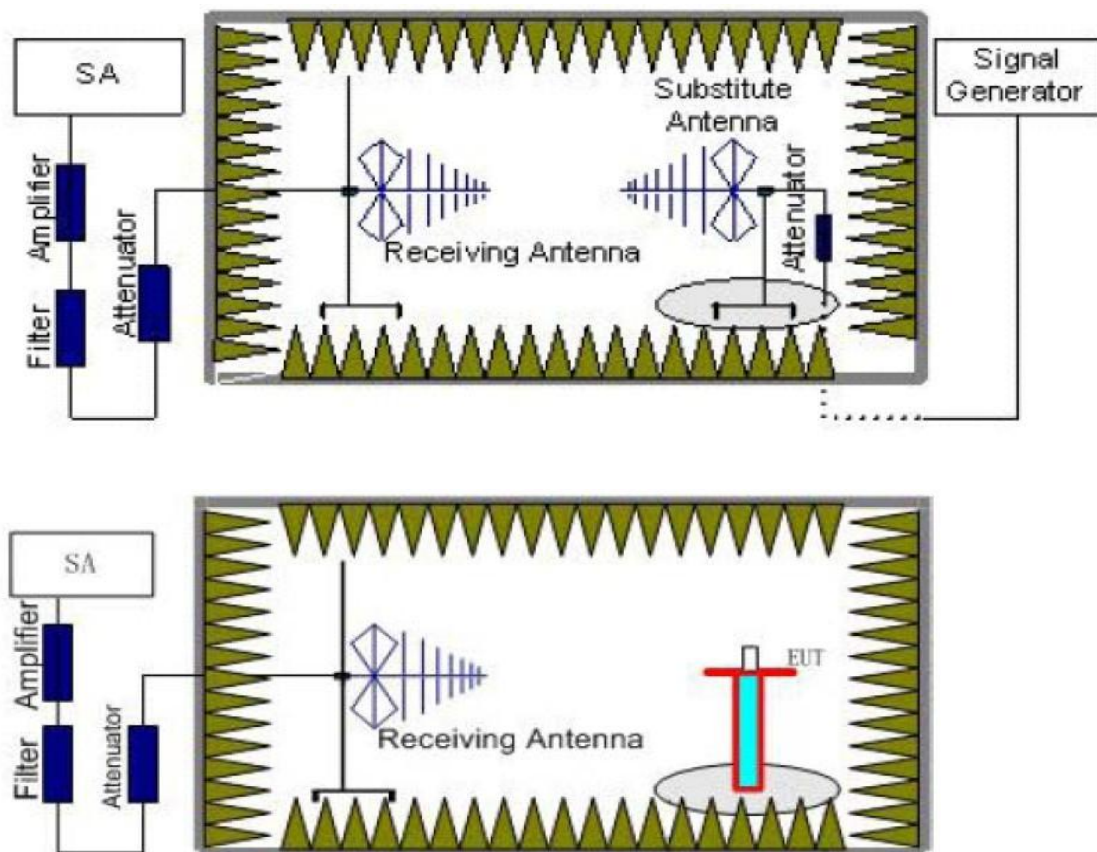
Test Method: ETSI EN 300 328 Sub clause 5.4.10

12.1 Test Procedure

The same as clause 6.1

Test Configuration

Effective Radiated Power measurement (30 MHz to 12.75 GHz)

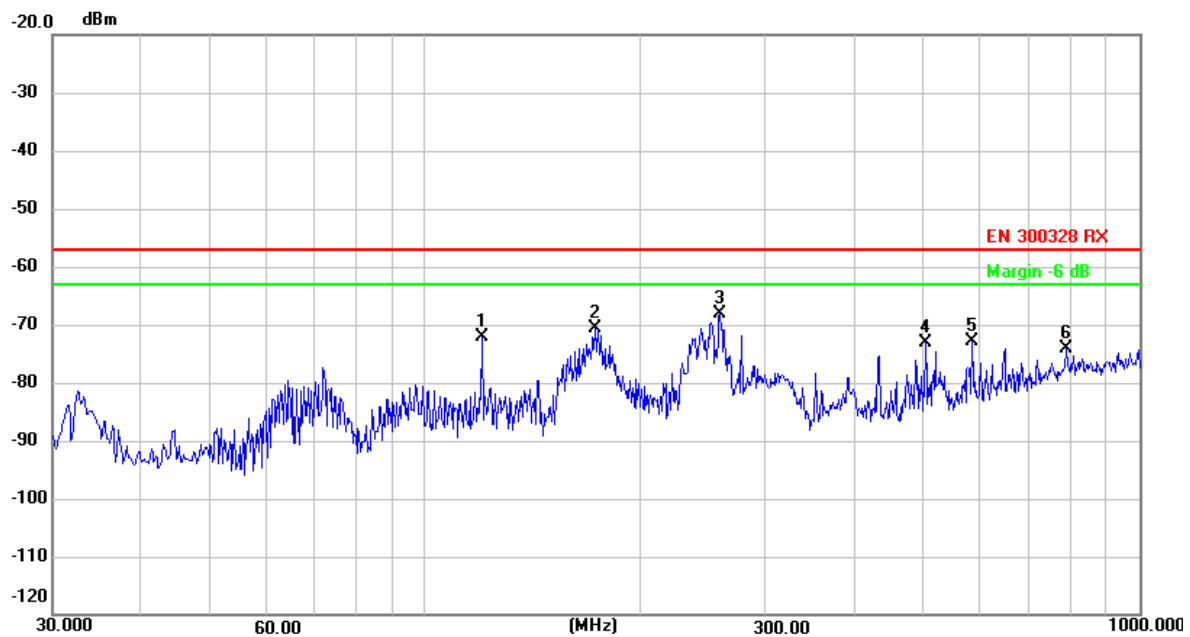


12.2 Limit: ETSI EN 300 328 Sub clause 4.3.2.10.3

Frequency Range	Maximum power e.r.p.	Measurements bandwidth
30 MHz to 1 GHz	-57 dBm	100 kHz
1 GHz to 12.75 GHz	-47 dBm	1 MHz

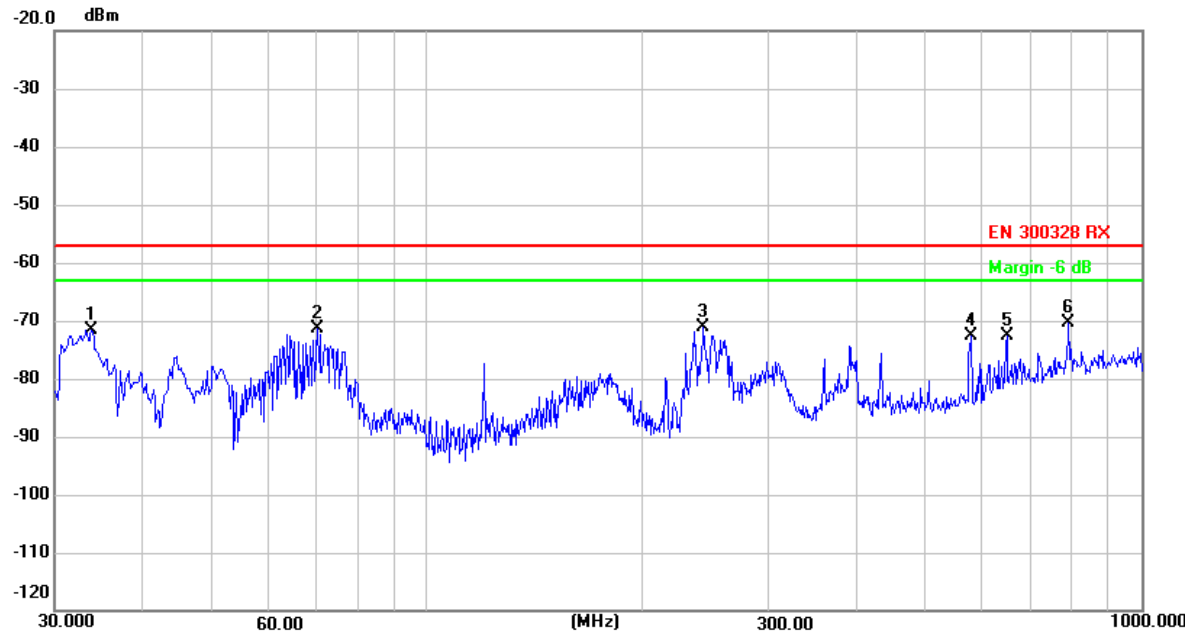
12.3 Test Result:

RX 802.11b ANT1 (2412MHz) Horizontal (30MHz-1GHz):



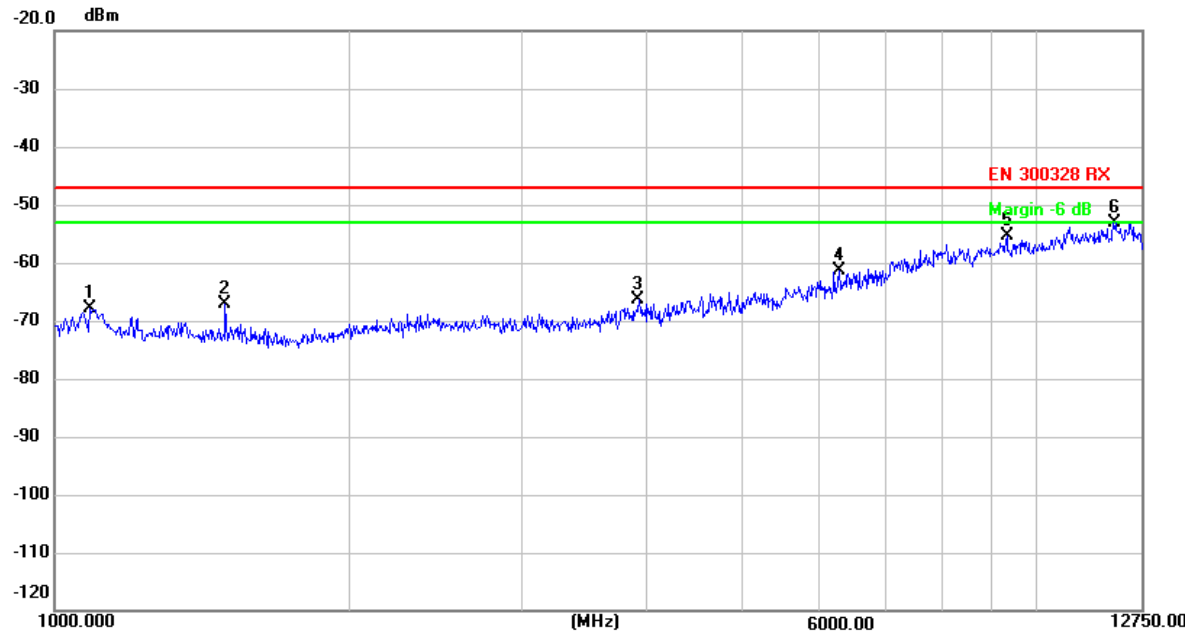
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	119.8866	-53.83	-18.40	-72.23	-57.00	-15.23	peak
2	172.9130	-53.48	-17.17	-70.65	-57.00	-13.65	peak
3 *	258.5966	-50.93	-17.22	-68.15	-57.00	-11.15	peak
4	502.7133	-63.17	-10.02	-73.19	-57.00	-16.19	peak
5	584.1933	-64.70	-8.17	-72.87	-57.00	-15.87	peak
6	790.8033	-70.60	-3.44	-74.04	-57.00	-17.04	peak

RX 802.11b ANT1 (2412MHz) Vertical (30MHz-1GHz):



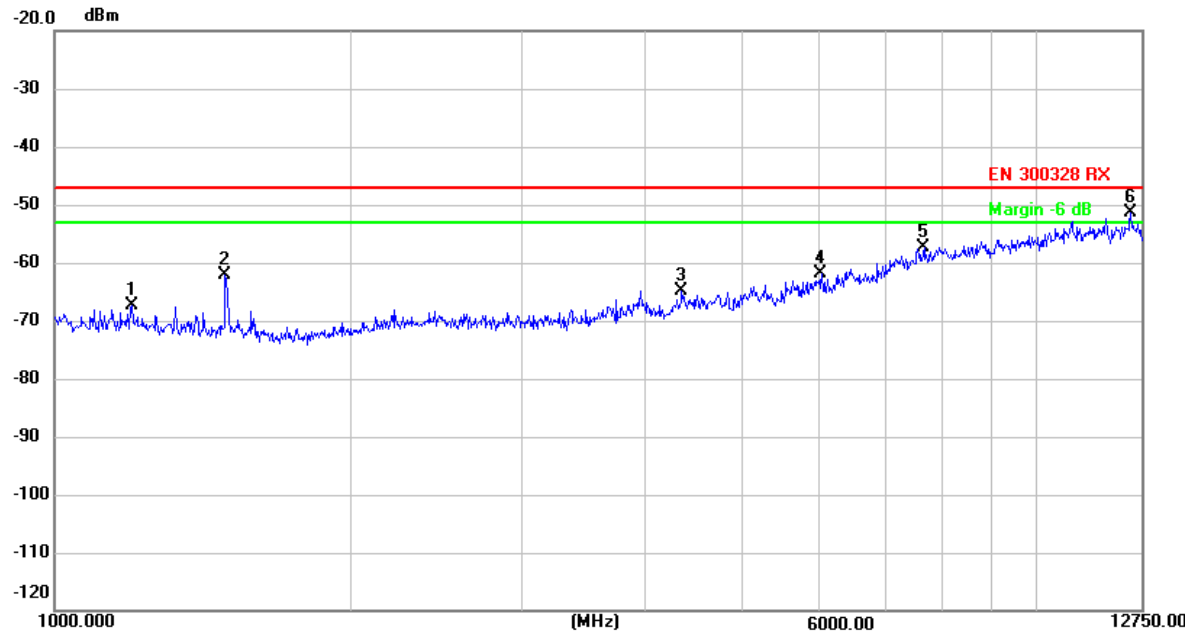
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	33.8800	-55.70	-15.91	-71.61	-57.00	-14.61	peak
2	70.0931	-52.24	-19.15	-71.39	-57.00	-14.39	peak
3	243.7230	-53.28	-17.79	-71.07	-57.00	-14.07	peak
4	576.7566	-64.26	-8.35	-72.61	-57.00	-15.61	peak
5	648.8600	-65.91	-6.68	-72.59	-57.00	-15.59	peak
6 *	793.3900	-67.10	-3.37	-70.47	-57.00	-13.47	peak

RX 802.11b ANT1 (2412MHz) Horizontal (1GHz-12.75GHz):



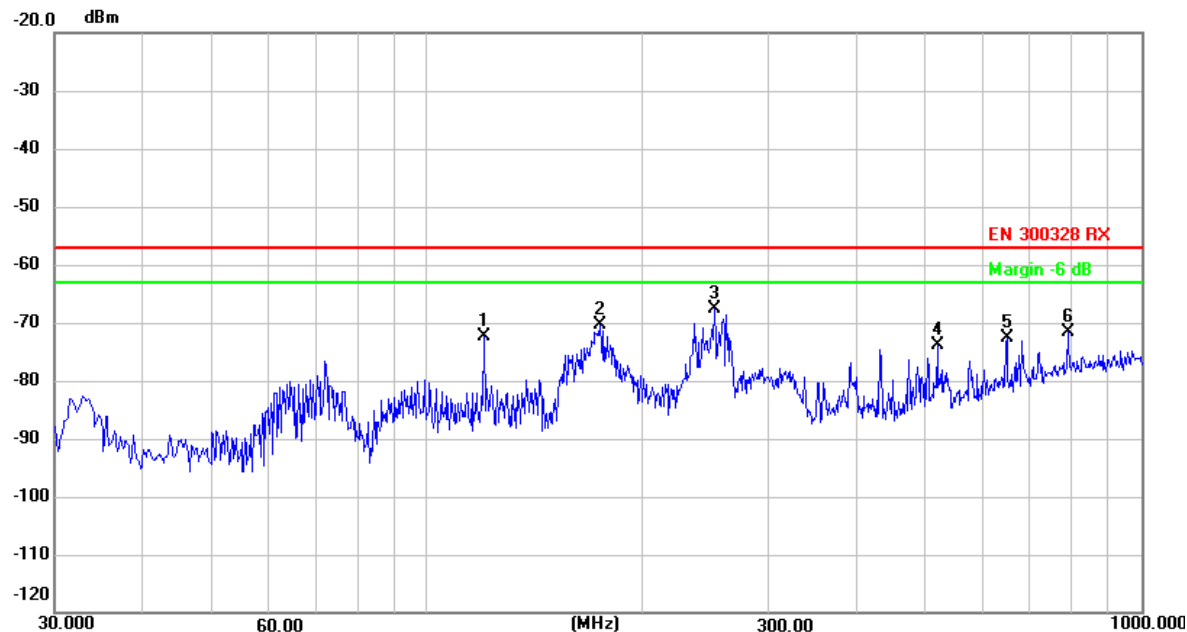
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1086.167	-59.90	-8.09	-67.99	-47.00	-20.99	peak
2	1493.500	-60.15	-6.94	-67.09	-47.00	-20.09	peak
3	3933.583	-66.62	0.30	-66.32	-47.00	-19.32	peak
4	6287.500	-68.00	6.56	-61.44	-47.00	-14.44	peak
5	9311.167	-67.93	12.53	-55.40	-47.00	-8.40	peak
6 *	12005.833	-68.47	15.46	-53.01	-47.00	-6.01	peak

RX 802.11b ANT1 (2412MHz) Vertical (1GHz-12.75GHz):



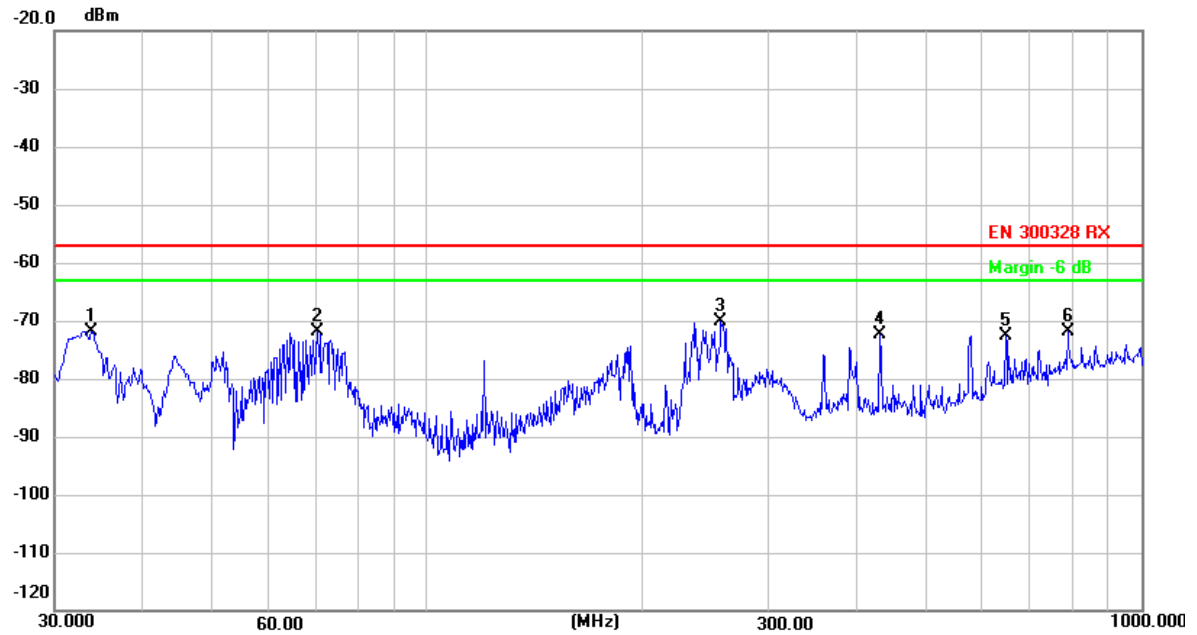
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1199.750	-59.76	-7.71	-67.47	-47.00	-20.47	peak
2	1493.500	-55.22	-6.94	-62.16	-47.00	-15.16	peak
3	4352.667	-65.91	1.05	-64.86	-47.00	-17.86	peak
4	6036.833	-67.57	5.74	-61.83	-47.00	-14.83	peak
5	7670.083	-67.73	10.33	-57.40	-47.00	-10.40	peak
6 *	12456.250	-67.15	15.76	-51.39	-47.00	-4.39	peak

RX 802.11b ANT1 (2472MHz) Horizontal (30MHz-1GHz):



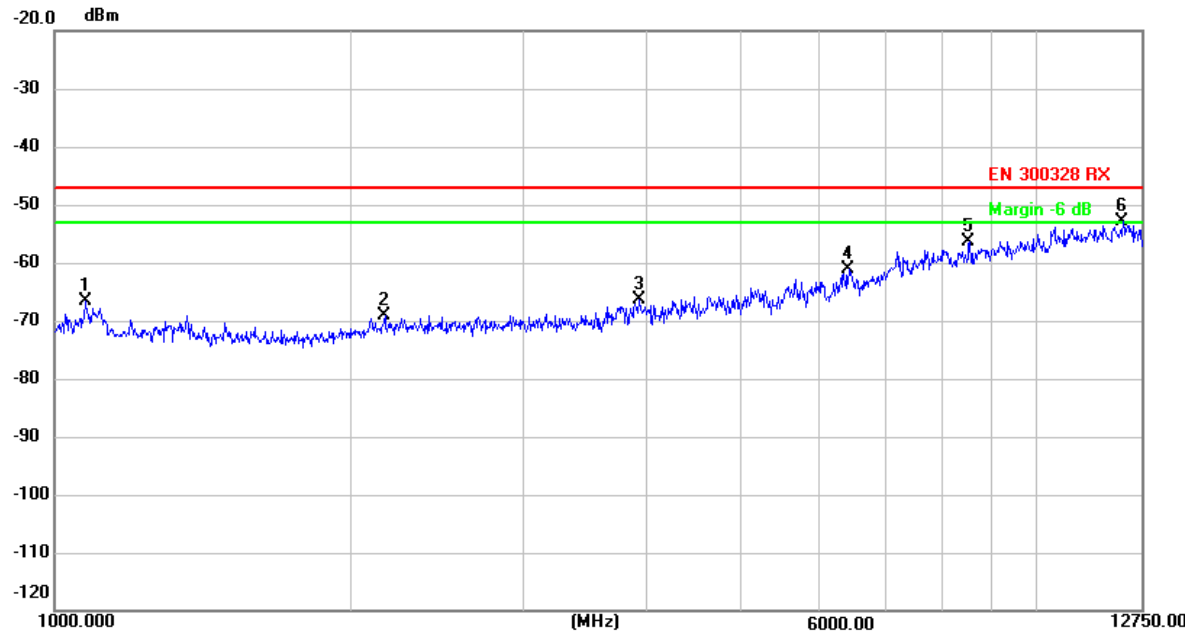
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	119.8866	-54.05	-18.40	-72.45	-57.00	-15.45	peak
2	174.5300	-53.02	-17.41	-70.43	-57.00	-13.43	peak
3 *	252.4533	-50.24	-17.49	-67.73	-57.00	-10.73	peak
4	517.2631	-64.23	-9.69	-73.92	-57.00	-16.92	peak
5	648.8600	-65.86	-6.68	-72.54	-57.00	-15.54	peak
6	790.1566	-68.24	-3.46	-71.70	-57.00	-14.70	peak

RX 802.11b ANT1 (2472MHz) Vertical (30MHz-1GHz):



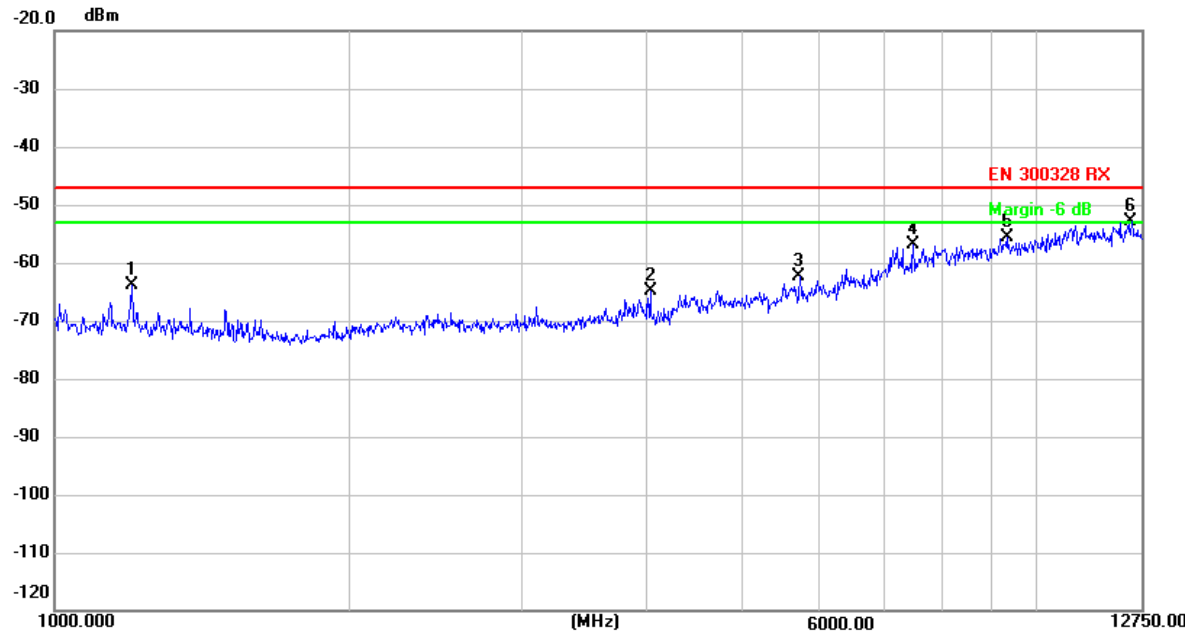
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	33.8800	-55.85	-15.91	-71.76	-57.00	-14.76	peak
2	70.0931	-52.66	-19.15	-71.81	-57.00	-14.81	peak
3 *	257.6265	-52.81	-17.27	-70.08	-57.00	-13.08	peak
4	430.9331	-60.79	-11.67	-72.46	-57.00	-15.46	peak
5	646.5964	-65.88	-6.75	-72.63	-57.00	-15.63	peak
6	790.1566	-68.34	-3.46	-71.80	-57.00	-14.80	peak

RX 802.11b ANT1 (2472MHz) Horizontal (1GHz-12.75GHz):



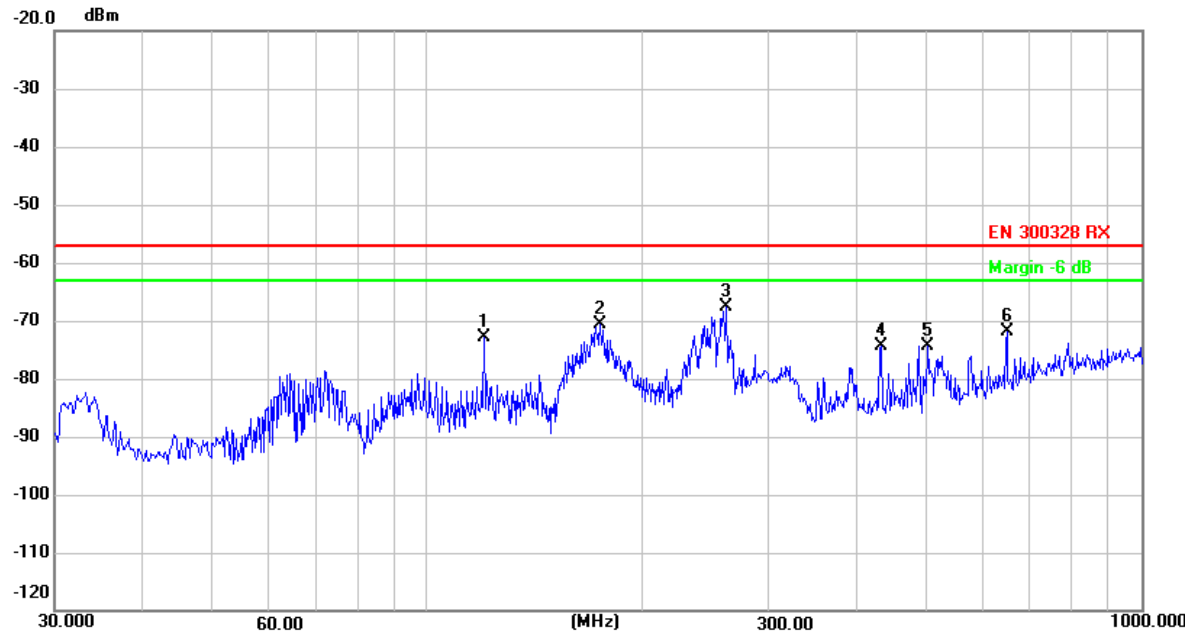
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1074.417	-58.48	-8.13	-66.61	-47.00	-19.61	peak
2	2171.083	-65.30	-3.79	-69.09	-47.00	-22.09	peak
3	3937.500	-66.66	0.32	-66.34	-47.00	-19.34	peak
4	6436.333	-68.37	7.14	-61.23	-47.00	-14.23	peak
5	8539.583	-67.32	10.94	-56.38	-47.00	-9.38	peak
6 *	12240.833	-68.58	15.65	-52.93	-47.00	-5.93	peak

RX 802.11b ANT1 (2472MHz) Vertical (1GHz-12.75GHz):



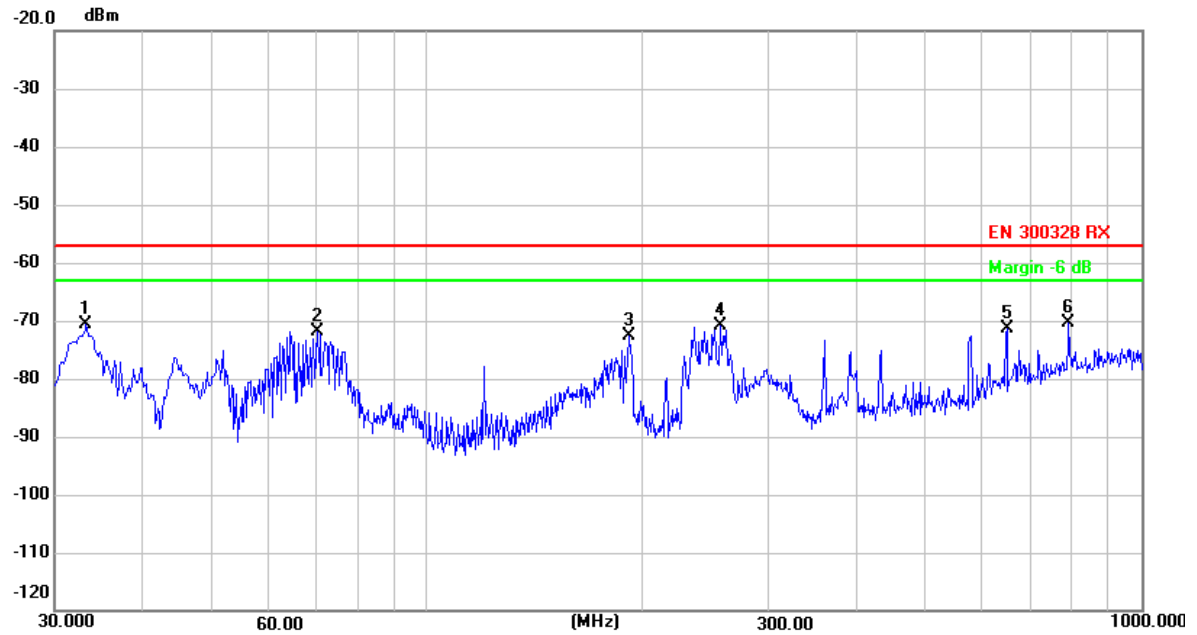
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1199.750	-56.10	-7.71	-63.81	-47.00	-16.81	peak
2	4035.417	-65.39	0.60	-64.79	-47.00	-17.79	peak
3	5743.083	-66.96	4.57	-62.39	-47.00	-15.39	peak
4	7486.000	-67.17	10.18	-56.99	-47.00	-9.99	peak
5	9307.250	-68.17	12.53	-55.64	-47.00	-8.64	peak
6 *	12464.083	-68.73	15.77	-52.96	-47.00	-5.96	peak

RX 802.11b ANT2 (2412MHz) Horizontal (30MHz-1GHz):



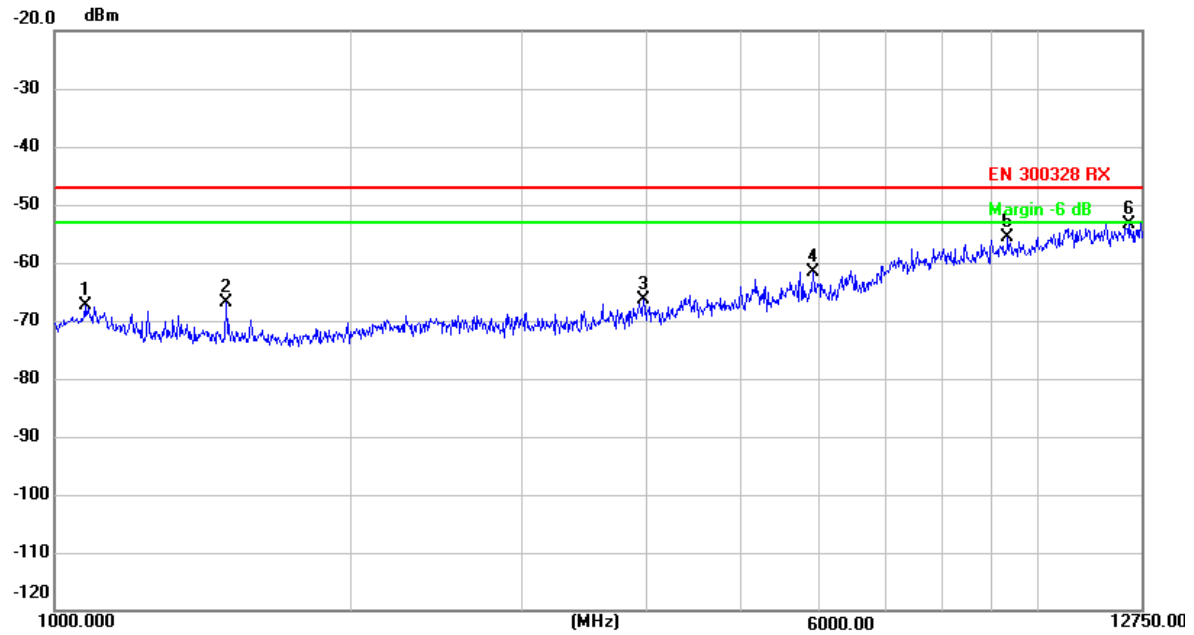
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	119.8866	-54.35	-18.40	-72.75	-57.00	-15.75	peak
2	174.5300	-53.13	-17.41	-70.54	-57.00	-13.54	peak
3 *	262.4766	-50.61	-17.05	-67.66	-57.00	-10.66	peak
4	432.8731	-62.79	-11.62	-74.41	-57.00	-17.41	peak
5	502.7133	-64.25	-10.02	-74.27	-57.00	-17.27	peak
6	648.8600	-65.21	-6.68	-71.89	-57.00	-14.89	peak

RX 802.11b ANT2 (2412MHz) Vertical (30MHz-1GHz):



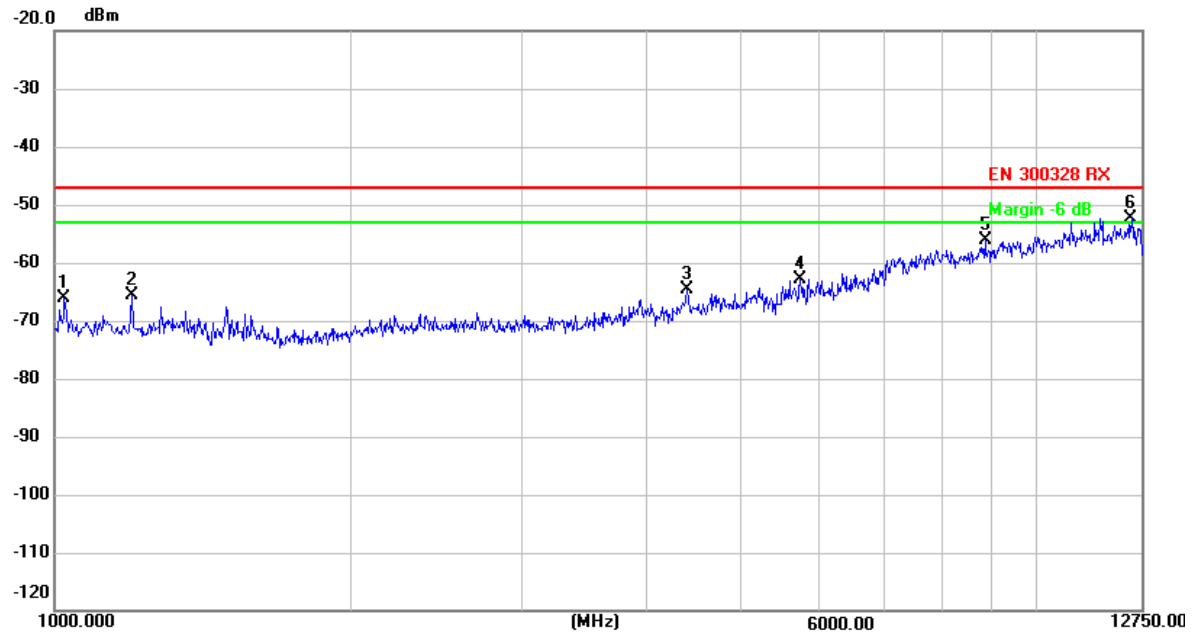
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	33.2331	-54.68	-15.97	-70.65	-57.00	-13.65	peak
2	70.0931	-52.67	-19.15	-71.82	-57.00	-14.82	peak
3	192.3130	-53.87	-18.83	-72.70	-57.00	-15.70	peak
4	256.9800	-53.68	-17.30	-70.98	-57.00	-13.98	peak
5	648.5366	-64.59	-6.69	-71.28	-57.00	-14.28	peak
6 *	793.0665	-67.03	-3.38	-70.41	-57.00	-13.41	peak

RX 802.11b ANT2 (2412MHz) Horizontal (1GHz-12.75GHz):



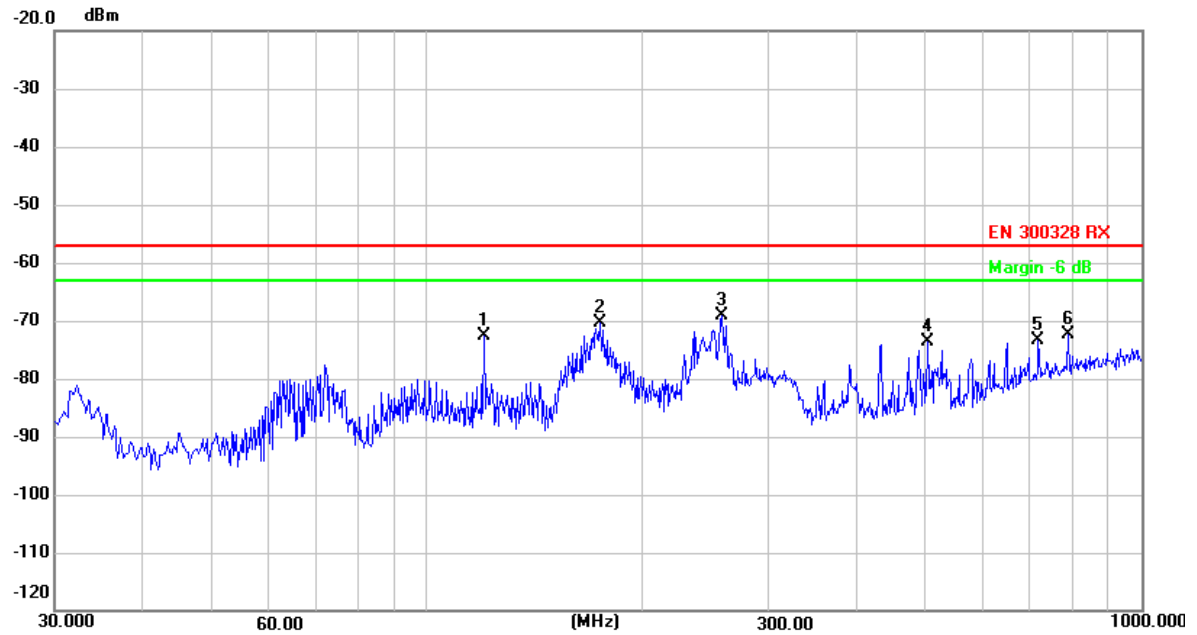
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1074.417	-59.25	-8.13	-67.38	-47.00	-20.38	peak
2	1497.417	-59.92	-6.93	-66.85	-47.00	-19.85	peak
3	3976.667	-66.72	0.47	-66.25	-47.00	-19.25	peak
4	5923.250	-66.89	5.33	-61.56	-47.00	-14.56	peak
5	9330.750	-68.26	12.55	-55.71	-47.00	-8.71	peak
6 *	12421.000	-69.06	15.70	-53.36	-47.00	-6.36	peak

RX 802.11b ANT2 (2412MHz) Vertical (1GHz-12.75GHz):



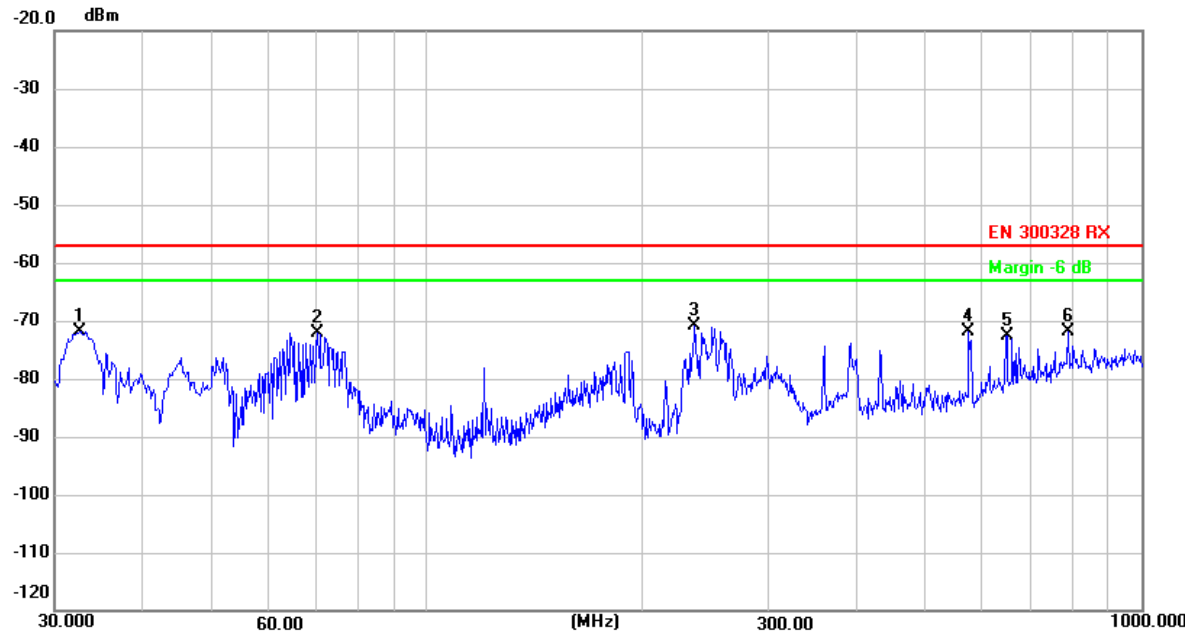
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1023.500	-57.84	-8.29	-66.13	-47.00	-19.13	peak
2	1199.750	-57.96	-7.71	-65.67	-47.00	-18.67	peak
3	4407.500	-65.69	1.16	-64.53	-47.00	-17.53	peak
4	5739.167	-67.47	4.56	-62.91	-47.00	-15.91	peak
5	8841.167	-67.82	11.58	-56.24	-47.00	-9.24	peak
6 *	12464.083	-68.19	15.77	-52.42	-47.00	-5.42	peak

RX 802.11b ANT2 (2472MHz) Horizontal (30MHz-1GHz):



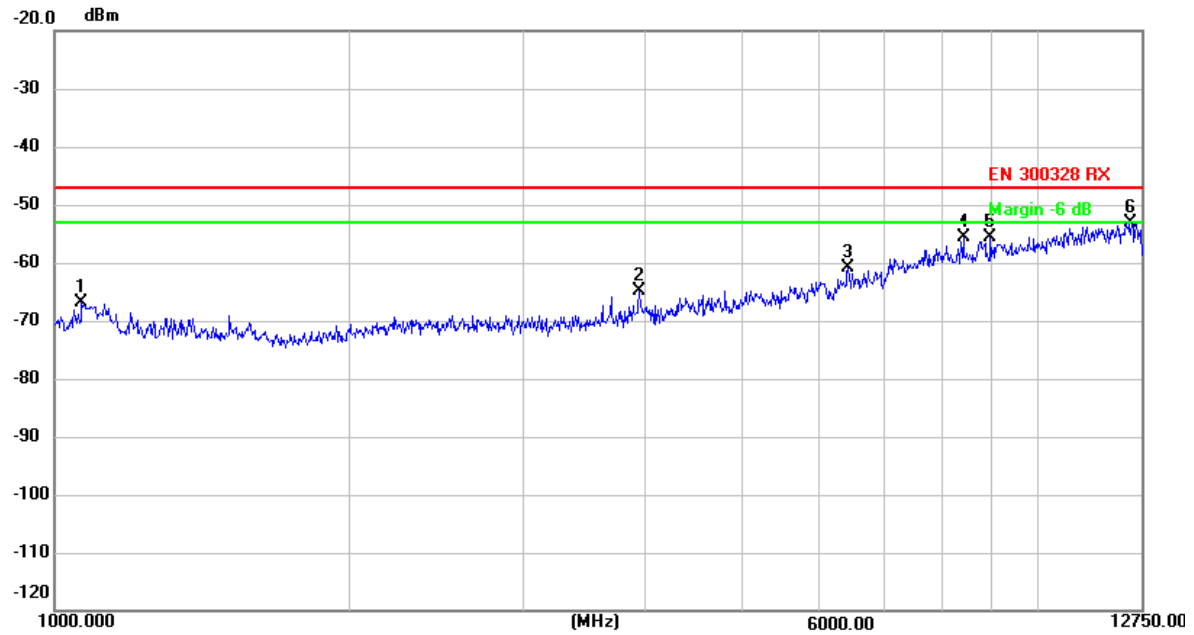
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	119.8866	-54.15	-18.40	-72.55	-57.00	-15.55	peak
2	174.5300	-52.96	-17.41	-70.37	-57.00	-13.37	peak
3 *	258.9200	-51.80	-17.20	-69.00	-57.00	-12.00	peak
4	502.7133	-63.60	-10.02	-73.62	-57.00	-16.62	peak
5	718.3766	-68.10	-5.29	-73.39	-57.00	-16.39	peak
6	790.1566	-68.89	-3.46	-72.35	-57.00	-15.35	peak

RX 802.11b ANT2 (2472MHz) Vertical (30MHz-1GHz):



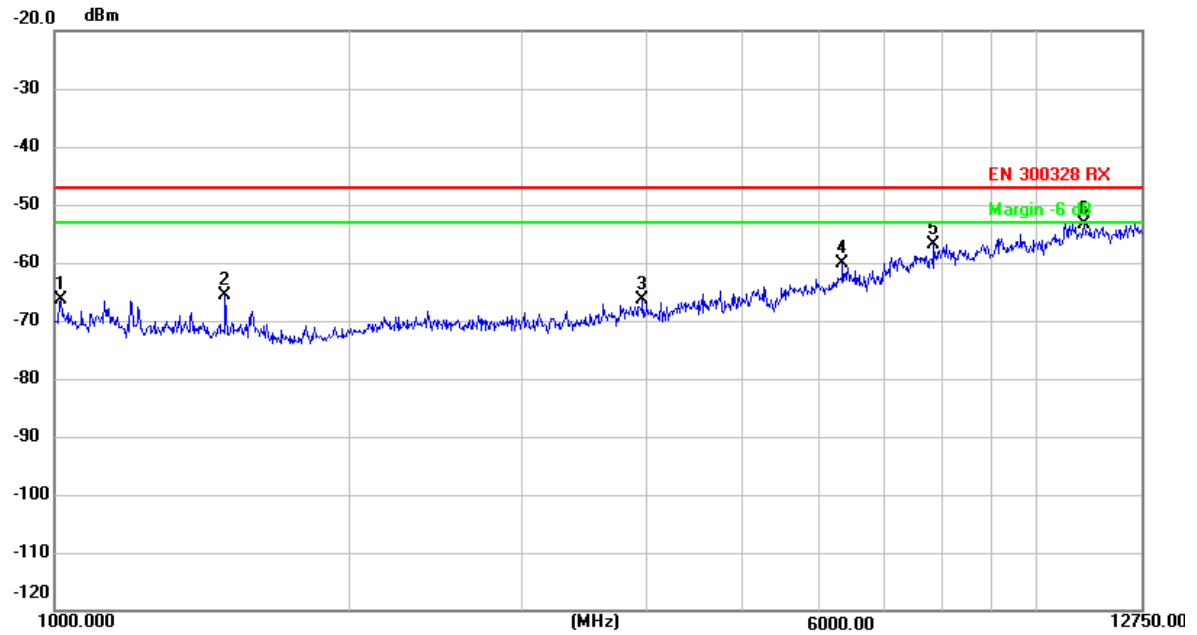
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	32.5865	-55.84	-16.00	-71.84	-57.00	-14.84	peak
2	70.0931	-52.90	-19.15	-72.05	-57.00	-15.05	peak
3 *	237.2564	-52.90	-18.09	-70.99	-57.00	-13.99	peak
4	574.4932	-63.44	-8.40	-71.84	-57.00	-14.84	peak
5	649.1833	-65.91	-6.68	-72.59	-57.00	-15.59	peak
6	790.1566	-68.47	-3.46	-71.93	-57.00	-14.93	peak

RX 802.11b ANT2 (2472MHz) Horizontal (1GHz-12.75GHz):



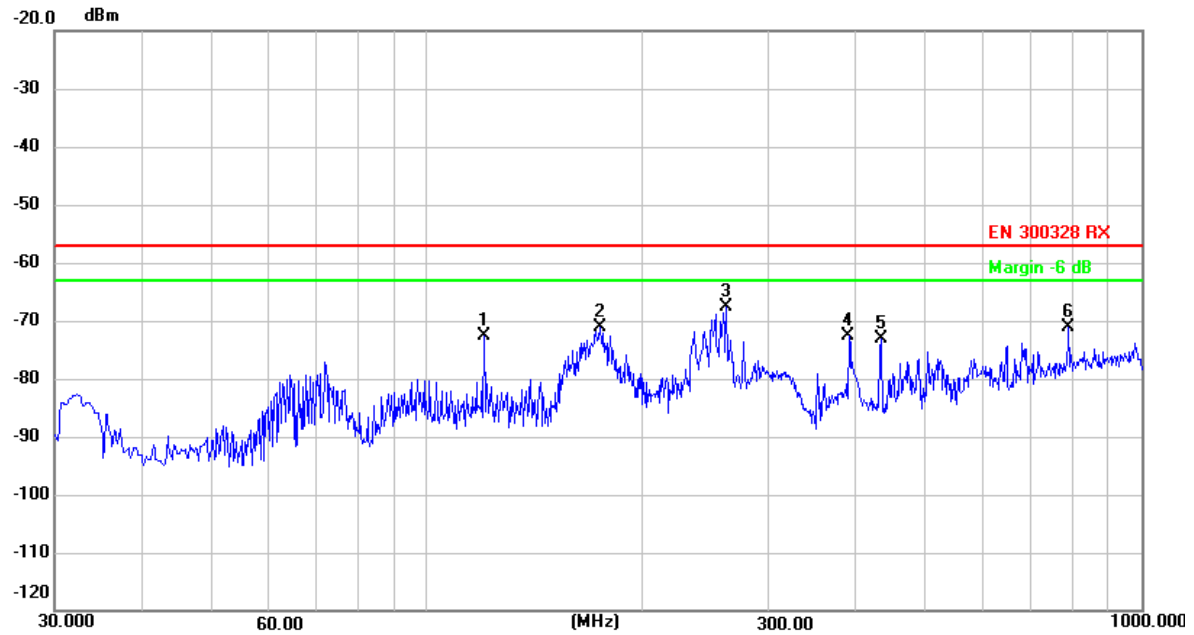
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1066.583	-58.67	-8.16	-66.83	-47.00	-19.83	peak
2	3941.417	-65.12	0.34	-64.78	-47.00	-17.78	peak
3	6416.750	-67.82	7.05	-60.77	-47.00	-13.77	peak
4	8406.417	-66.41	10.77	-55.64	-47.00	-8.64	peak
5	8958.667	-67.26	11.68	-55.58	-47.00	-8.58	peak
6 *	12487.583	-68.94	15.81	-53.13	-47.00	-6.13	peak

RX 802.11b ANT2 (2472MHz) Vertical (1GHz-12.75GHz):



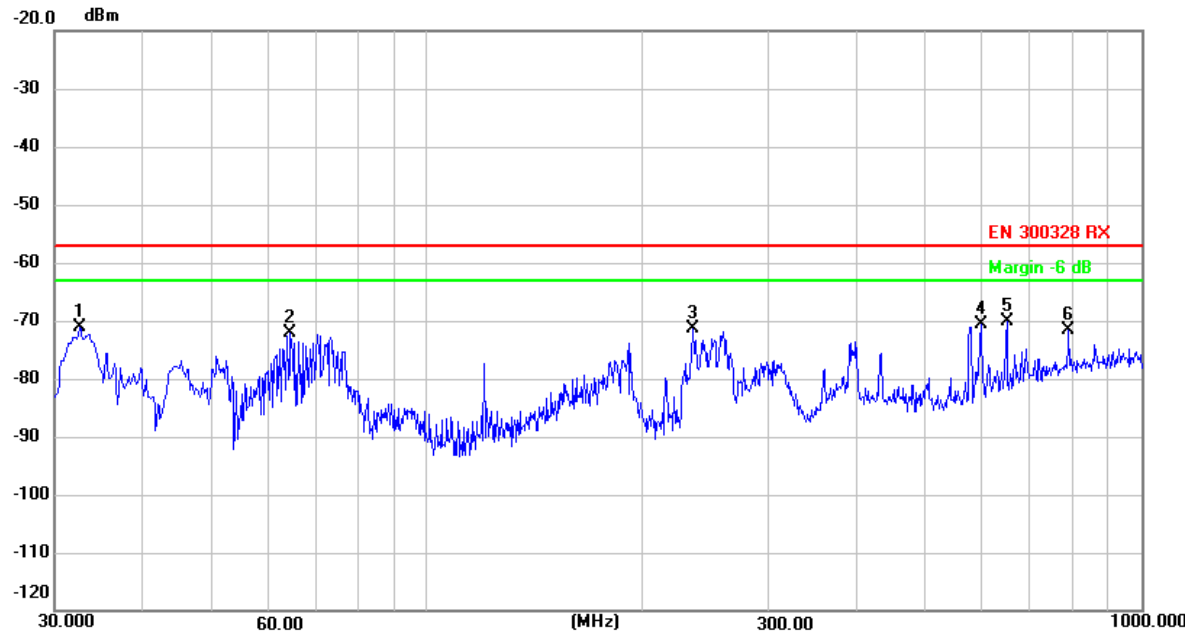
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1015.667	-58.06	-8.32	-66.38	-47.00	-19.38	peak
2	1493.500	-58.77	-6.94	-65.71	-47.00	-18.71	peak
3	3968.833	-66.93	0.44	-66.49	-47.00	-19.49	peak
4	6338.417	-66.93	6.71	-60.22	-47.00	-13.22	peak
5	7858.083	-67.64	10.81	-56.83	-47.00	-9.83	peak
6 *	11152.000	-67.95	14.67	-53.28	-47.00	-6.28	peak

RX 802.11g ANT1 (2412MHz) Horizontal (30MHz-1GHz):



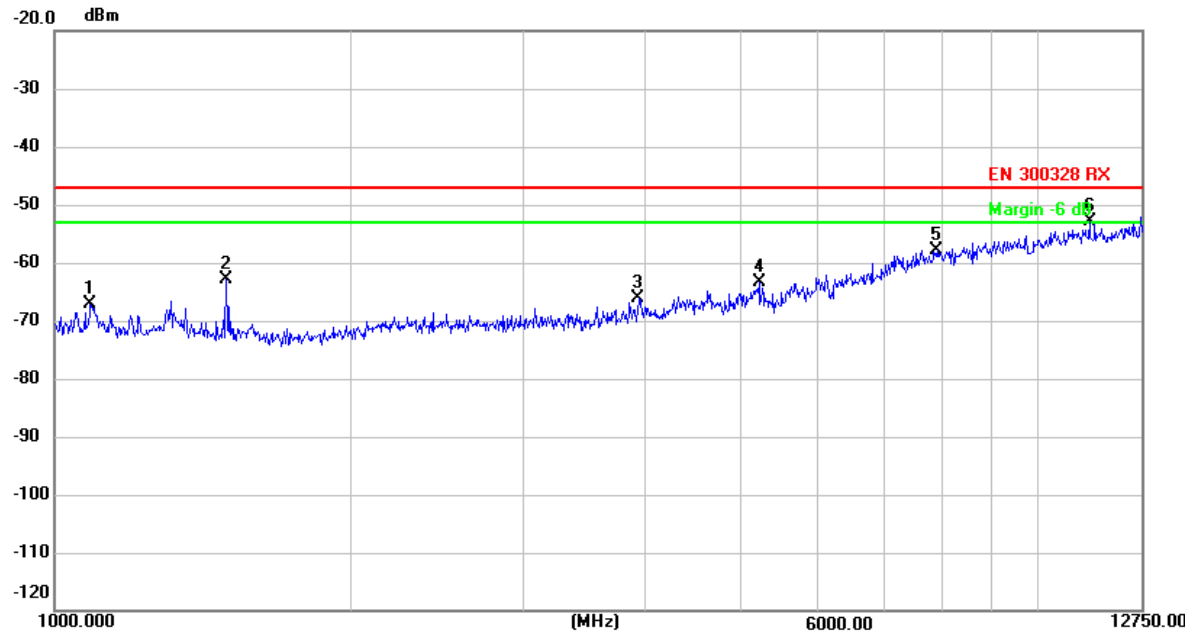
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	119.8866	-54.25	-18.40	-72.65	-57.00	-15.65	peak
2	174.5300	-53.72	-17.41	-71.13	-57.00	-14.13	peak
3 *	262.4766	-50.61	-17.05	-67.66	-57.00	-10.66	peak
4	390.5164	-59.71	-12.96	-72.67	-57.00	-15.67	peak
5	431.5800	-61.59	-11.65	-73.24	-57.00	-16.24	peak
6	793.3900	-67.72	-3.37	-71.09	-57.00	-14.09	peak

RX 802.11g ANT1 (2412MHz) Vertical (30MHz-1GHz):



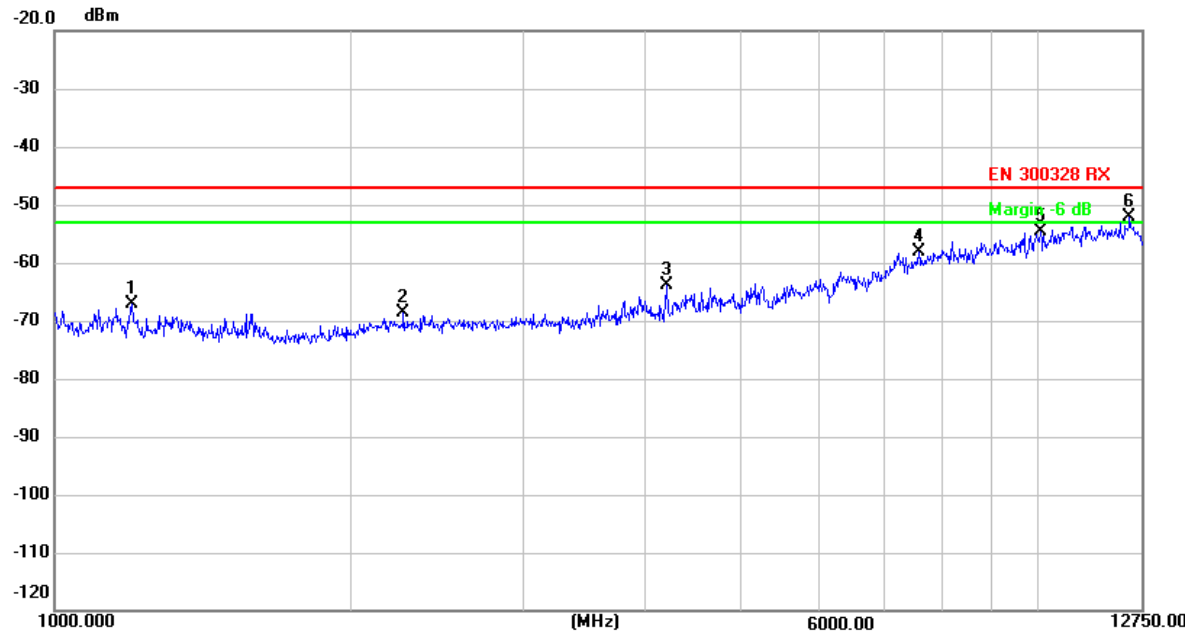
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	32.5865	-55.20	-16.00	-71.20	-57.00	-14.20	peak
2	64.2733	-53.81	-18.26	-72.07	-57.00	-15.07	peak
3	235.3163	-53.20	-18.17	-71.37	-57.00	-14.37	peak
4	595.1865	-62.58	-8.01	-70.59	-57.00	-13.59	peak
5 *	647.5665	-63.37	-6.72	-70.09	-57.00	-13.09	peak
6	793.3900	-68.14	-3.37	-71.51	-57.00	-14.51	peak

RX 802.11g ANT1 (2412MHz) Horizontal (1GHz-12.75GHz):



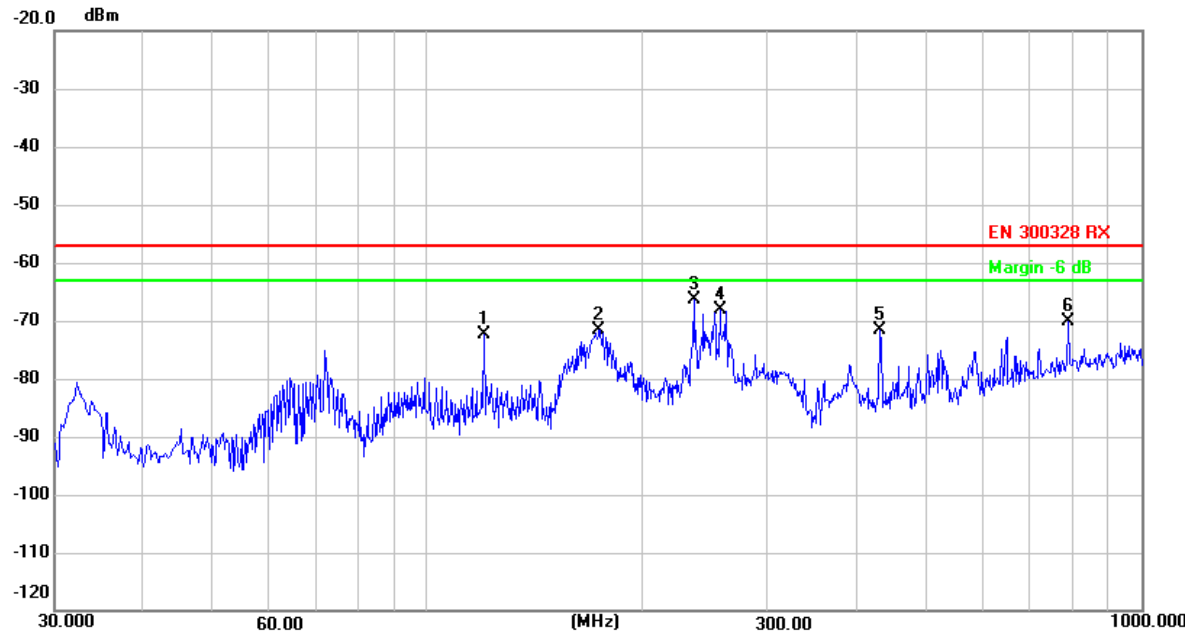
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1090.083	-59.17	-8.07	-67.24	-47.00	-20.24	peak
2	1497.417	-55.92	-6.93	-62.85	-47.00	-15.85	peak
3	3933.583	-66.34	0.30	-66.04	-47.00	-19.04	peak
4	5206.500	-66.10	2.72	-63.38	-47.00	-16.38	peak
5	7916.833	-68.78	10.92	-57.86	-47.00	-10.86	peak
6 *	11285.167	-67.66	14.74	-52.92	-47.00	-5.92	peak

RX 802.11g ANT1 (2412MHz) Vertical (1GHz-12.75GHz):



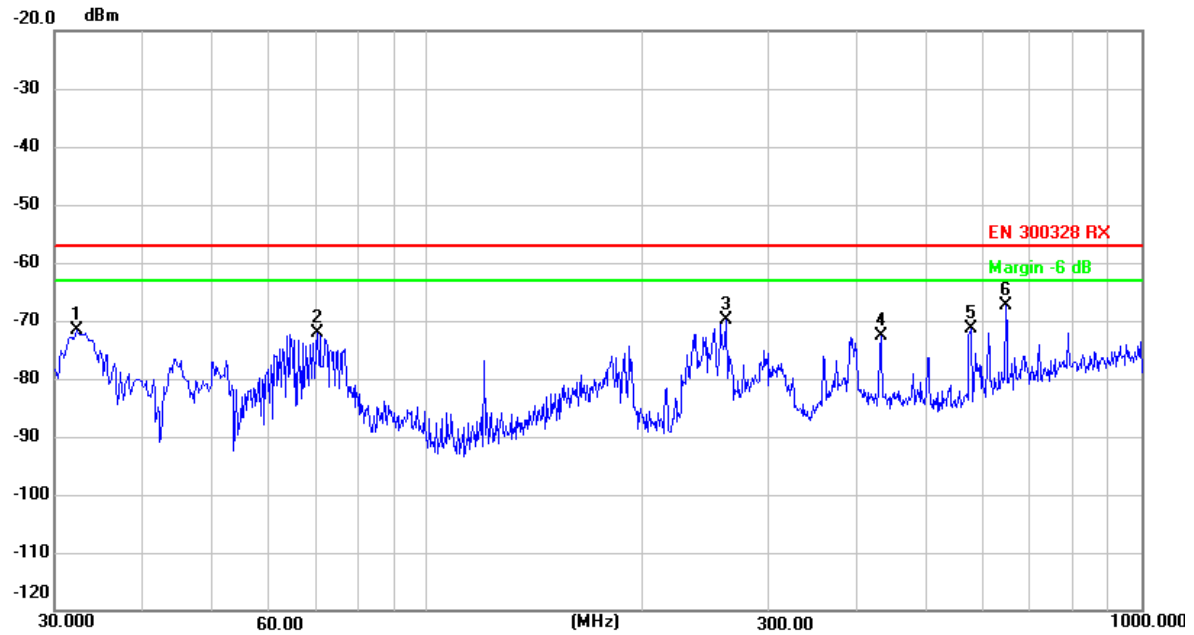
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1199.750	-59.48	-7.71	-67.19	-47.00	-20.19	peak
2	2269.000	-65.20	-3.47	-68.67	-47.00	-21.67	peak
3	4196.000	-64.75	0.78	-63.97	-47.00	-16.97	peak
4	7572.167	-68.28	10.23	-58.05	-47.00	-11.05	peak
5	10071.000	-67.95	13.32	-54.63	-47.00	-7.63	peak
6 *	12424.917	-67.95	15.72	-52.23	-47.00	-5.23	peak

RX 802.11g ANT1 (2472MHz) Horizontal (30MHz-1GHz):



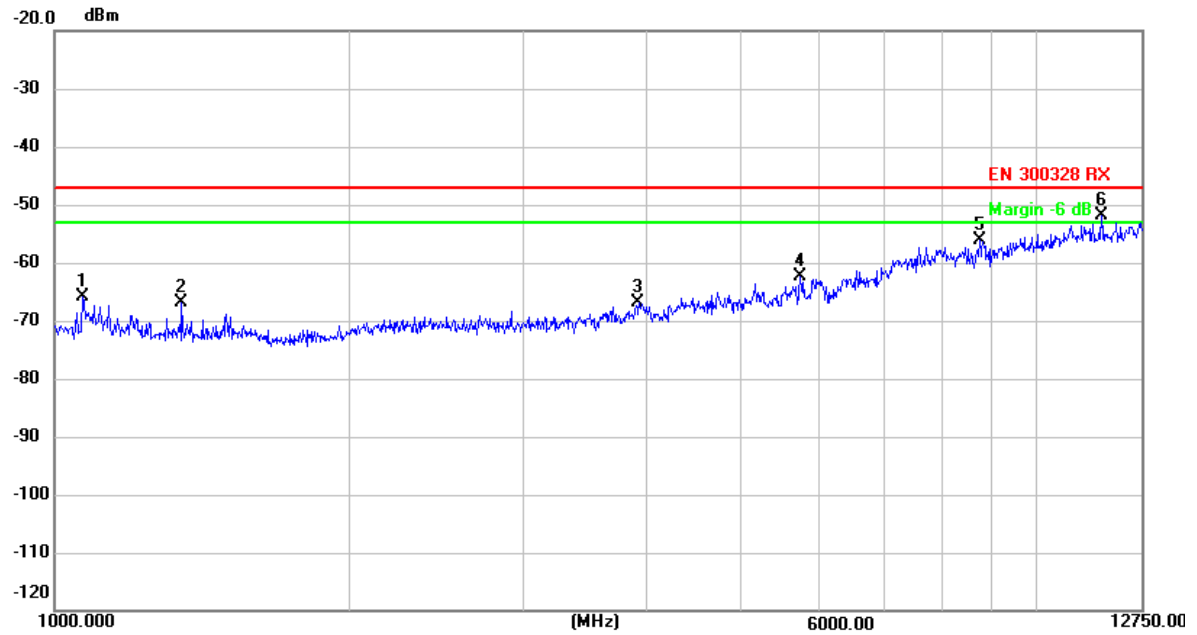
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	119.8866	-54.04	-18.40	-72.44	-57.00	-15.44	peak
2	174.2066	-54.15	-17.38	-71.53	-57.00	-14.53	peak
3 *	235.9633	-48.32	-18.14	-66.46	-57.00	-9.46	peak
4	256.9800	-50.92	-17.30	-68.22	-57.00	-11.22	peak
5	430.9331	-59.87	-11.67	-71.54	-57.00	-14.54	peak
6	793.3900	-66.75	-3.37	-70.12	-57.00	-13.12	peak

RX 802.11g ANT1 (2472MHz) Vertical (30MHz-1GHz):



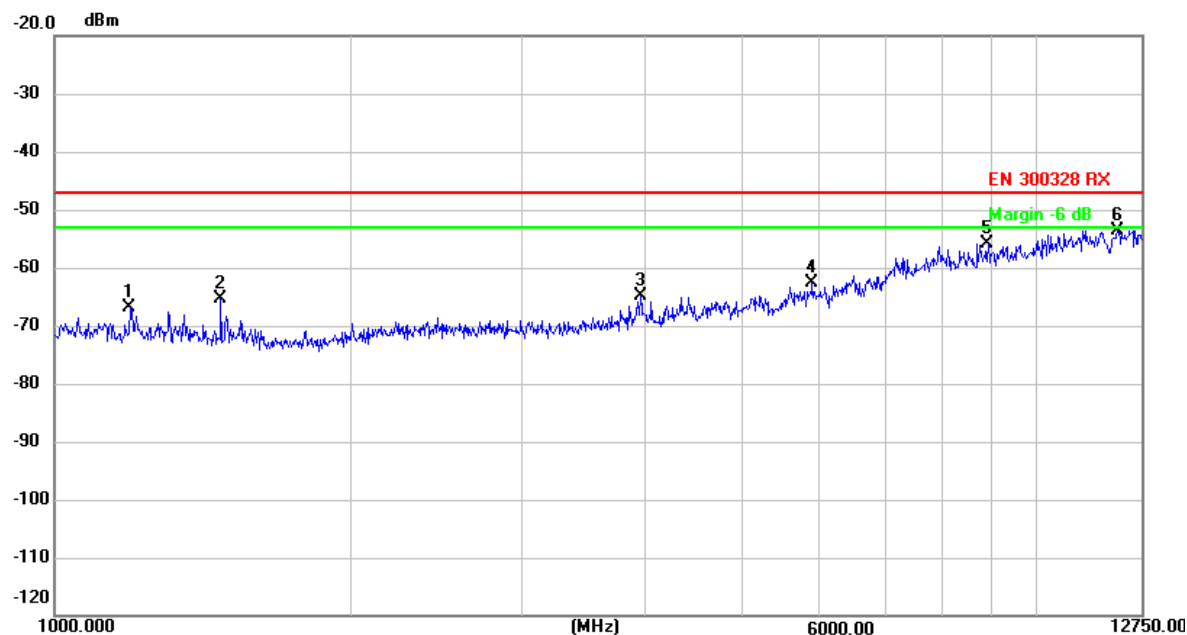
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	32.2633	-55.72	-16.02	-71.74	-57.00	-14.74	peak
2	70.0931	-52.97	-19.15	-72.12	-57.00	-15.12	peak
3	262.4766	-52.77	-17.05	-69.82	-57.00	-12.82	peak
4	431.2565	-60.97	-11.65	-72.62	-57.00	-15.62	peak
5	577.0800	-63.11	-8.35	-71.46	-57.00	-14.46	peak
6 *	646.2730	-60.74	-6.75	-67.49	-57.00	-10.49	peak

RX 802.11g ANT1 (2472MHz) Horizontal (1GHz-12.75GHz):



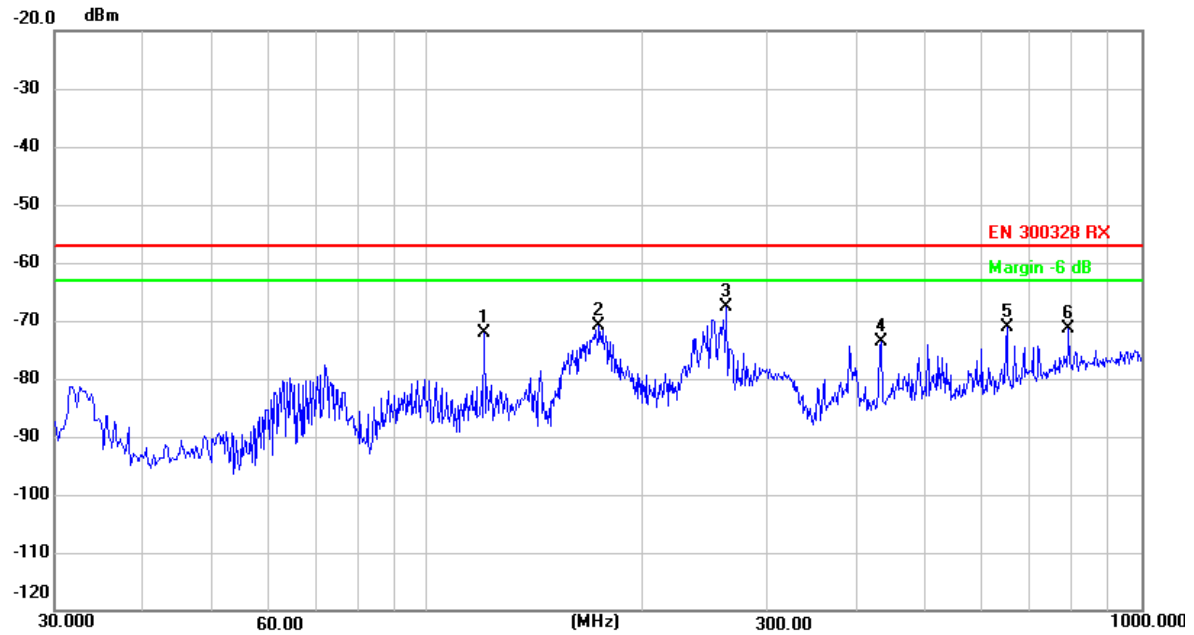
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1070.500	-57.78	-8.14	-65.92	-47.00	-18.92	peak
2	1348.583	-59.86	-7.12	-66.98	-47.00	-19.98	peak
3	3933.583	-67.20	0.30	-66.90	-47.00	-19.90	peak
4	5747.000	-66.90	4.58	-62.32	-47.00	-15.32	peak
5	8731.500	-67.63	11.40	-56.23	-47.00	-9.23	peak
6 *	11614.167	-67.02	15.03	-51.99	-47.00	-4.99	peak

RX 802.11g ANT1 (2472MHz) Vertical (1GHz-12.75GHz):



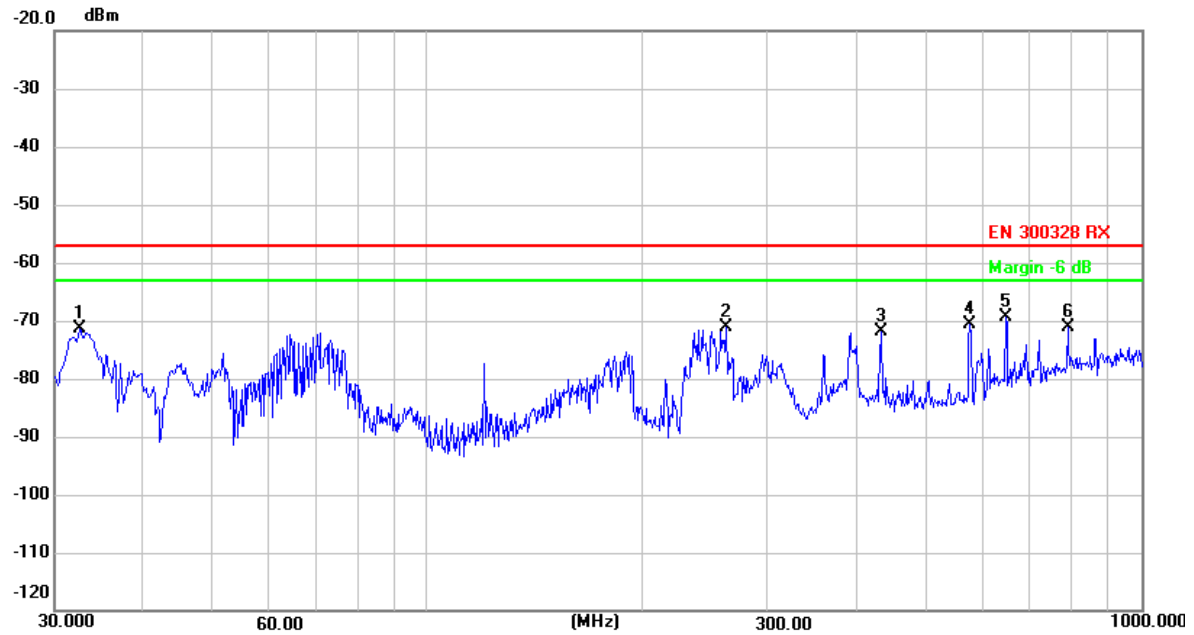
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1195.833	-59.13	-7.73	-66.86	-47.00	-19.86	peak
2	1477.833	-58.49	-6.95	-65.44	-47.00	-18.44	peak
3	3953.167	-65.39	0.40	-64.99	-47.00	-17.99	peak
4	5895.833	-67.83	5.21	-62.62	-47.00	-15.62	peak
5	8915.583	-67.49	11.63	-55.86	-47.00	-8.86	peak
6 *	12068.500	-69.12	15.56	-53.56	-47.00	-6.56	peak

RX 802.11g ANT2 (2412MHz) Horizontal (30MHz-1GHz):



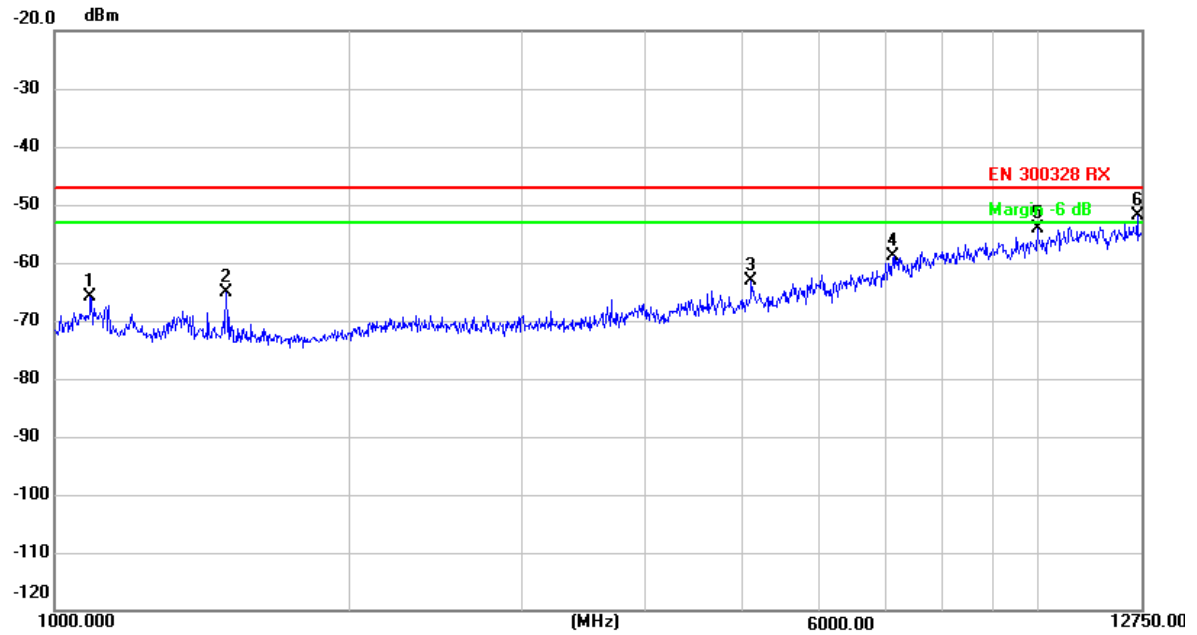
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	119.8866	-53.69	-18.40	-72.09	-57.00	-15.09	peak
2	174.2066	-53.38	-17.38	-70.76	-57.00	-13.76	peak
3 *	262.4766	-50.67	-17.05	-67.72	-57.00	-10.72	peak
4	432.5500	-61.90	-11.63	-73.53	-57.00	-16.53	peak
5	649.1833	-64.51	-6.68	-71.19	-57.00	-14.19	peak
6	793.3900	-67.99	-3.37	-71.36	-57.00	-14.36	peak

RX 802.11g ANT2 (2412MHz) Vertical (30MHz-1GHz):



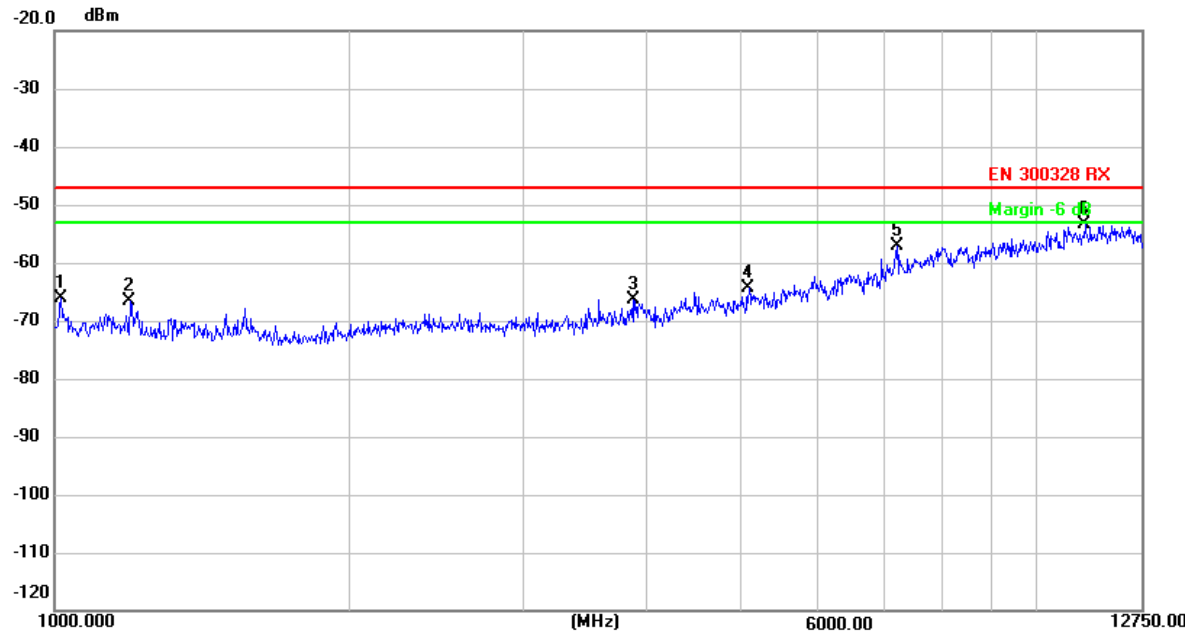
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	32.5865	-55.40	-16.00	-71.40	-57.00	-14.40	peak
2	262.4766	-54.04	-17.05	-71.09	-57.00	-14.09	peak
3	432.5500	-60.26	-11.63	-71.89	-57.00	-14.89	peak
4	576.1100	-62.15	-8.37	-70.52	-57.00	-13.52	peak
5 *	646.5964	-62.57	-6.75	-69.32	-57.00	-12.32	peak
6	790.1566	-67.68	-3.46	-71.14	-57.00	-14.14	peak

RX 802.11g ANT2 (2412MHz) Horizontal (1GHz-12.75GHz):



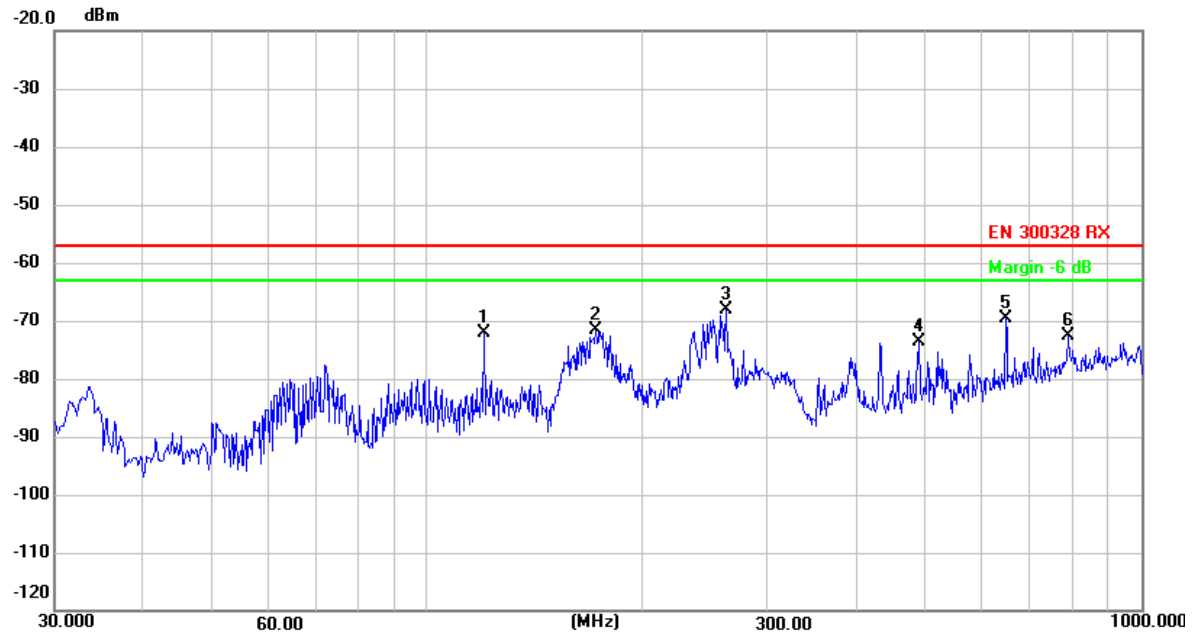
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1090.083	-57.72	-8.07	-65.79	-47.00	-18.79	peak
2	1497.417	-58.07	-6.93	-65.00	-47.00	-18.00	peak
3	5124.250	-65.53	2.53	-63.00	-47.00	-16.00	peak
4	7141.333	-68.66	9.70	-58.96	-47.00	-11.96	peak
5	9988.750	-67.15	13.15	-54.00	-47.00	-7.00	peak
6 *	12632.500	-67.96	16.18	-51.78	-47.00	-4.78	peak

RX 802.11g ANT2 (2412MHz) Vertical (1GHz-12.75GHz):



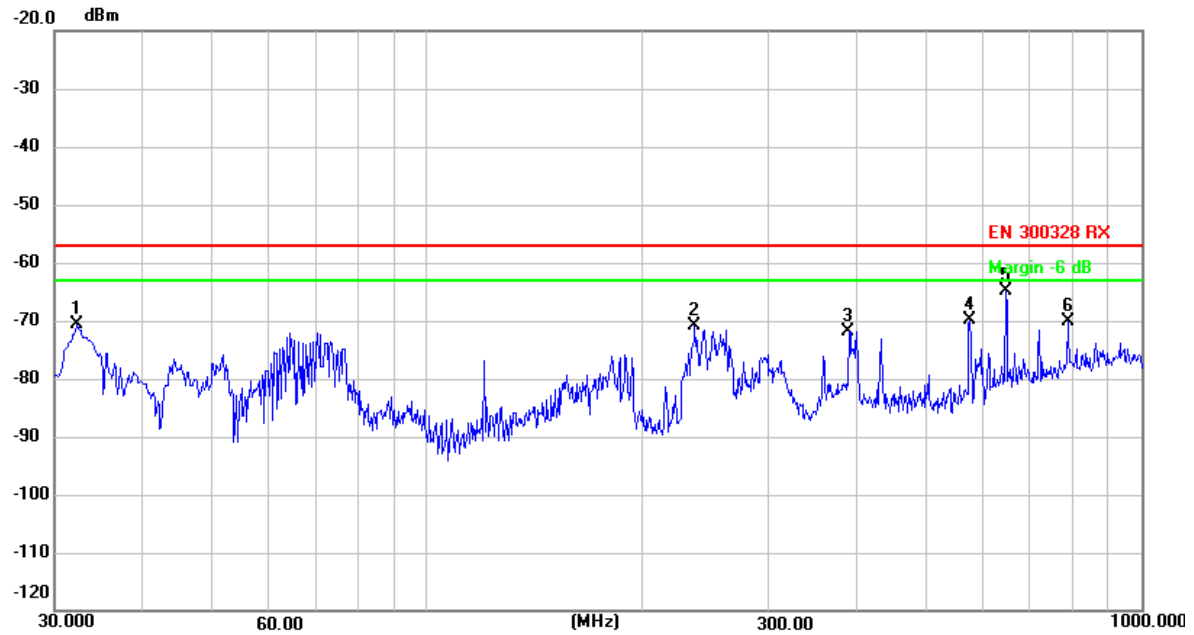
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1015.667	-57.89	-8.32	-66.21	-47.00	-19.21	peak
2	1195.833	-58.99	-7.73	-66.72	-47.00	-19.72	peak
3	3878.750	-66.32	0.07	-66.25	-47.00	-19.25	peak
4	5096.833	-66.72	2.46	-64.26	-47.00	-17.26	peak
5	7204.000	-67.01	9.89	-57.12	-47.00	-10.12	peak
6 *	11183.333	-67.96	14.66	-53.30	-47.00	-6.30	peak

RX 802.11g ANT2 (2472MHz) Horizontal (30MHz-1GHz):



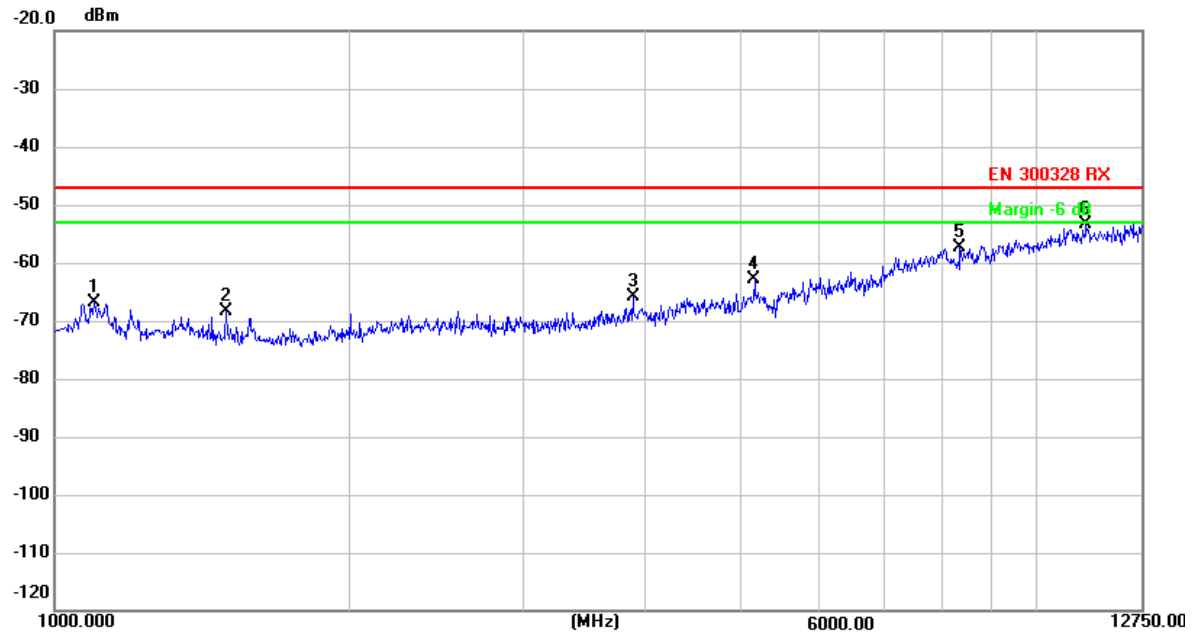
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	119.8866	-53.69	-18.40	-72.09	-57.00	-15.09	peak
2	172.5900	-54.60	-17.14	-71.74	-57.00	-14.74	peak
3 *	262.4766	-51.06	-17.05	-68.11	-57.00	-11.11	peak
4	487.8400	-63.32	-10.38	-73.70	-57.00	-16.70	peak
5	646.5964	-62.95	-6.75	-69.70	-57.00	-12.70	peak
6	790.1566	-69.20	-3.46	-72.66	-57.00	-15.66	peak

RX 802.11g ANT2 (2472MHz) Vertical (30MHz-1GHz):



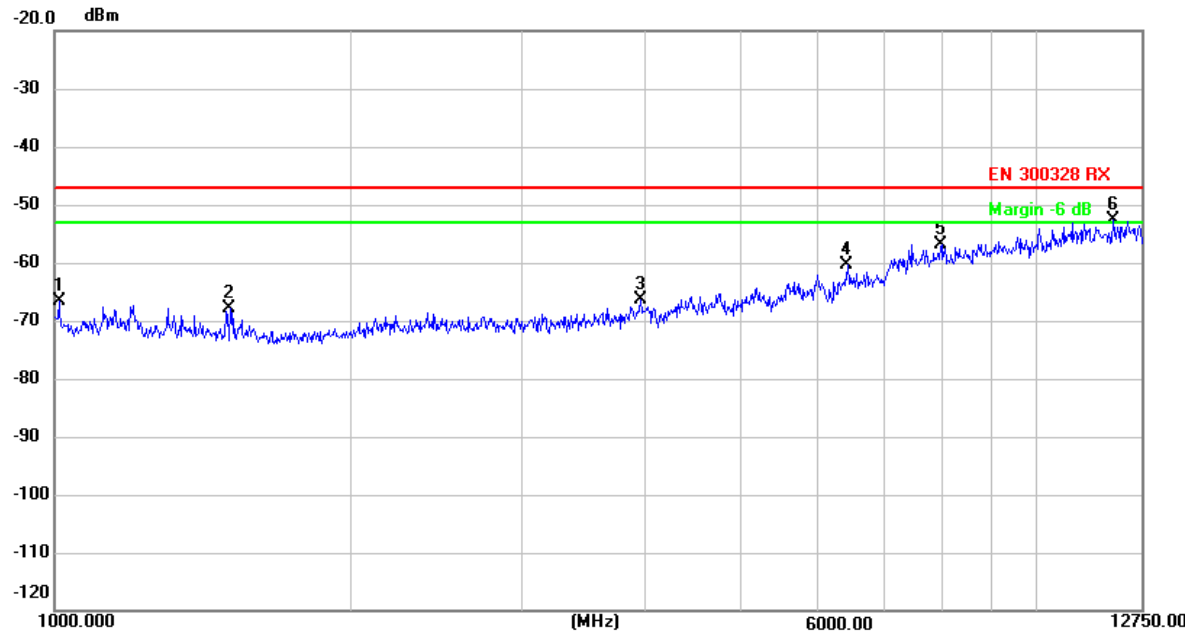
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	32.2633	-54.60	-16.02	-70.62	-57.00	-13.62	peak
2	237.2564	-52.80	-18.09	-70.89	-57.00	-13.89	peak
3	390.5164	-58.80	-12.96	-71.76	-57.00	-14.76	peak
4	574.8165	-61.41	-8.39	-69.80	-57.00	-12.80	peak
5 *	646.5964	-58.06	-6.75	-64.81	-57.00	-7.81	peak
6	790.1566	-66.56	-3.46	-70.02	-57.00	-13.02	peak

RX 802.11g ANT2 (2472MHz) Horizontal (1GHz-12.75GHz):



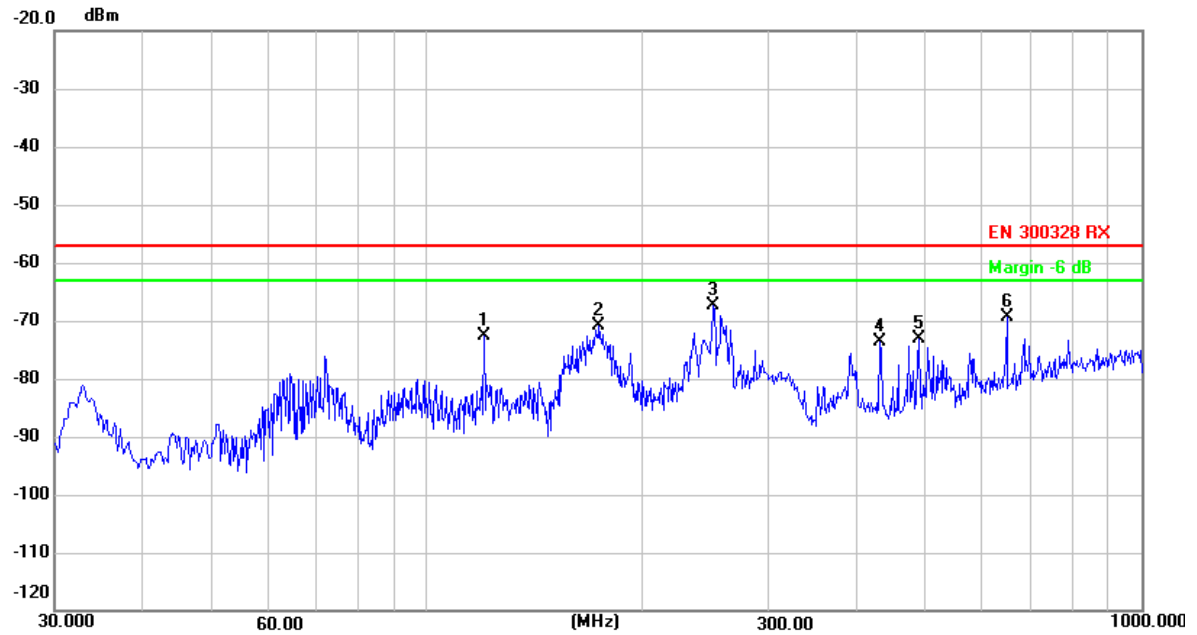
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1097.917	-58.77	-8.04	-66.81	-47.00	-19.81	peak
2	1497.417	-61.46	-6.93	-68.39	-47.00	-21.39	peak
3	3882.667	-66.02	0.08	-65.94	-47.00	-18.94	peak
4	5155.583	-65.40	2.59	-62.81	-47.00	-15.81	peak
5	8351.583	-68.02	10.67	-57.35	-47.00	-10.35	peak
6 *	11218.583	-68.04	14.68	-53.36	-47.00	-6.36	peak

RX 802.11g ANT2 (2472MHz) Vertical (1GHz-12.75GHz):



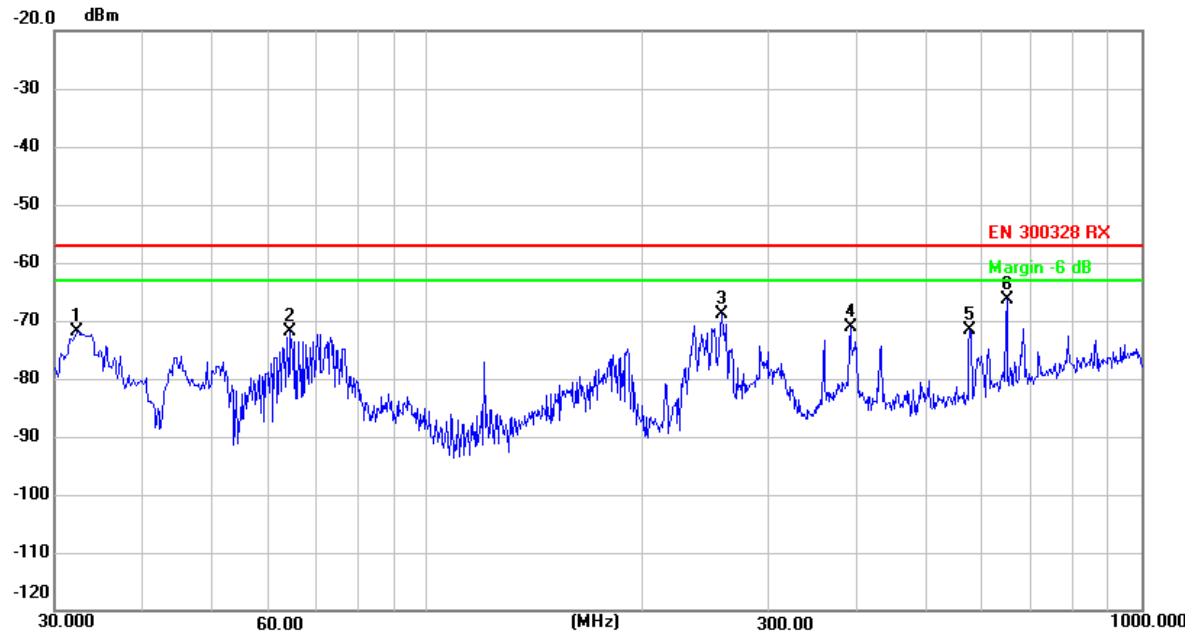
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1011.750	-58.38	-8.34	-66.72	-47.00	-19.72	peak
2	1513.083	-61.05	-6.92	-67.97	-47.00	-20.97	peak
3	3953.167	-66.84	0.40	-66.44	-47.00	-19.44	peak
4	6412.833	-67.29	7.02	-60.27	-47.00	-13.27	peak
5	7999.083	-67.75	10.97	-56.78	-47.00	-9.78	peak
6 *	11939.250	-67.87	15.28	-52.59	-47.00	-5.59	peak

RX 802.11n(HT20) MIMO (2412MHz) Horizontal (30MHz-1GHz):



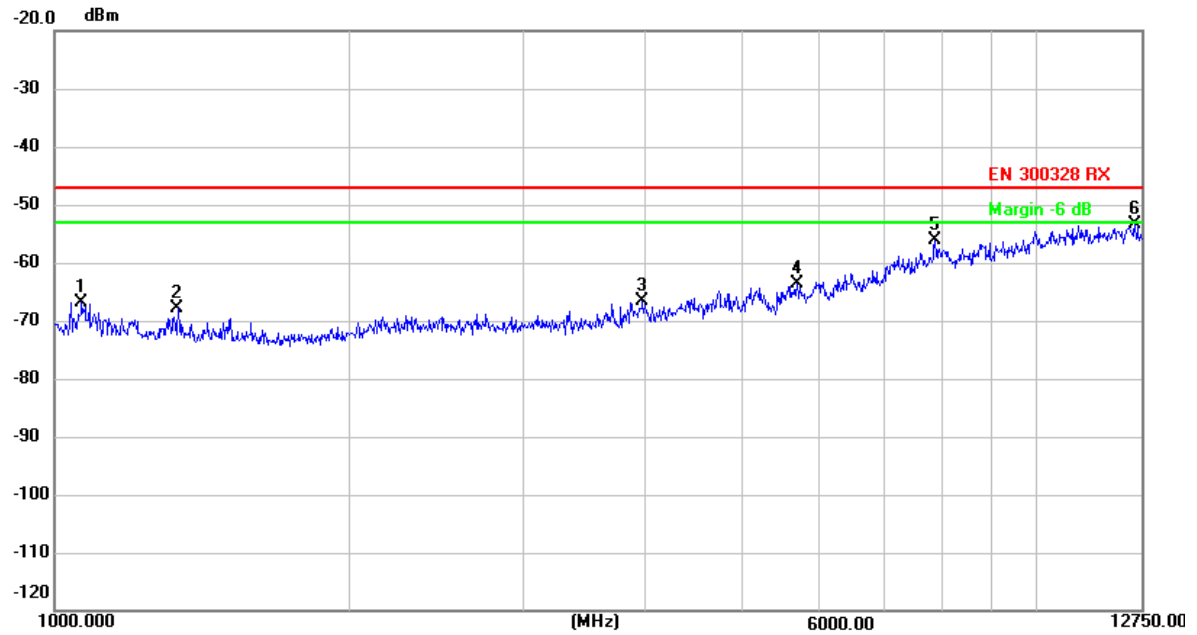
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	119.8866	-54.10	-18.40	-72.50	-57.00	-15.50	peak
2	174.2066	-53.41	-17.38	-70.79	-57.00	-13.79	peak
3 *	251.4833	-49.88	-17.54	-67.42	-57.00	-10.42	peak
4	430.9331	-61.98	-11.67	-73.65	-57.00	-16.65	peak
5	487.8400	-62.65	-10.38	-73.03	-57.00	-16.03	peak
6	649.1833	-62.63	-6.68	-69.31	-57.00	-12.31	peak

RX 802.11n(HT20) MIMO (2412MHz) Vertical (30MHz-1GHz):



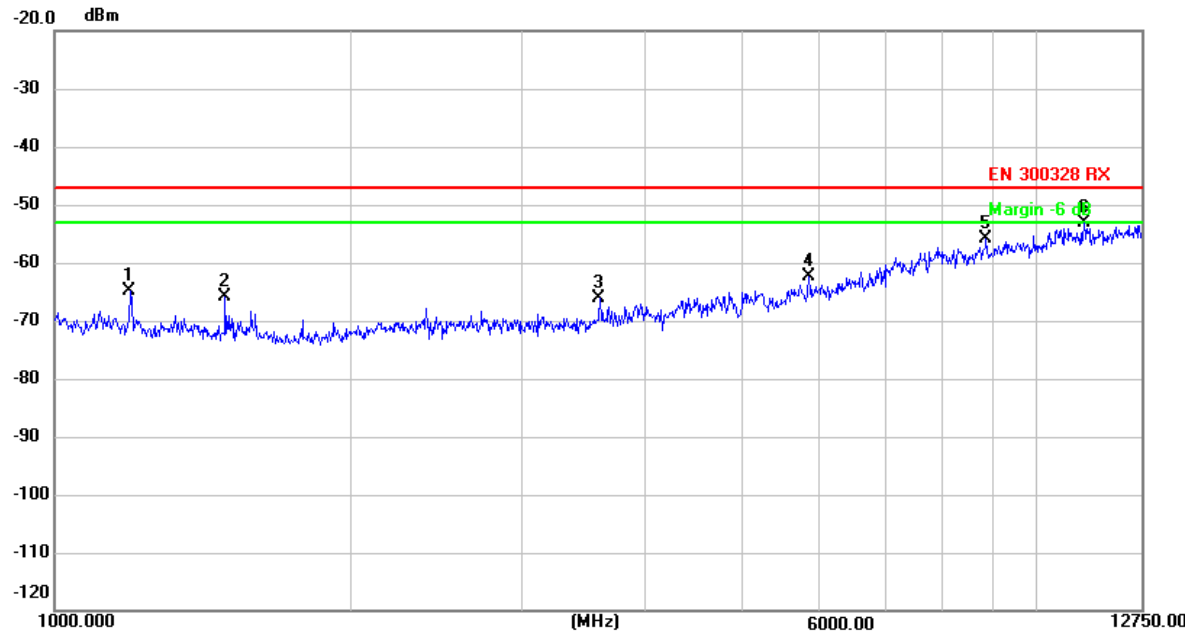
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	32.2633	-55.81	-16.02	-71.83	-57.00	-14.83	peak
2	64.2733	-53.67	-18.26	-71.93	-57.00	-14.93	peak
3	258.5966	-51.56	-17.22	-68.78	-57.00	-11.78	peak
4	391.1632	-58.19	-12.94	-71.13	-57.00	-14.13	peak
5	576.1100	-63.28	-8.37	-71.65	-57.00	-14.65	peak
6 *	649.1833	-59.68	-6.68	-66.36	-57.00	-9.36	peak

RX 802.11n(HT20) MIMO (2412MHz) Horizontal (1GHz-12.75GHz):



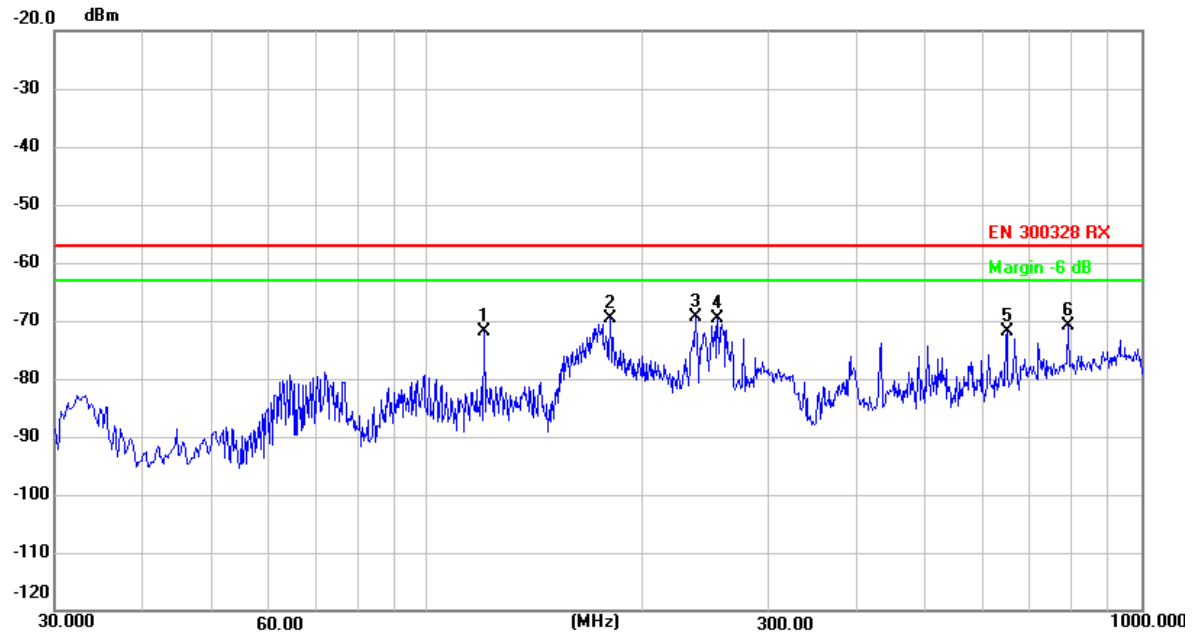
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1066.583	-58.60	-8.16	-66.76	-47.00	-19.76	peak
2	1336.833	-60.58	-7.17	-67.75	-47.00	-20.75	peak
3	3964.917	-67.04	0.43	-66.61	-47.00	-19.61	peak
4	5692.167	-67.89	4.38	-63.51	-47.00	-16.51	peak
5	7873.750	-66.93	10.85	-56.08	-47.00	-9.08	peak
6 *	12585.500	-69.50	16.06	-53.44	-47.00	-6.44	peak

RX 802.11n(HT20) MIMO (2412MHz) Vertical (1GHz-12.75GHz):



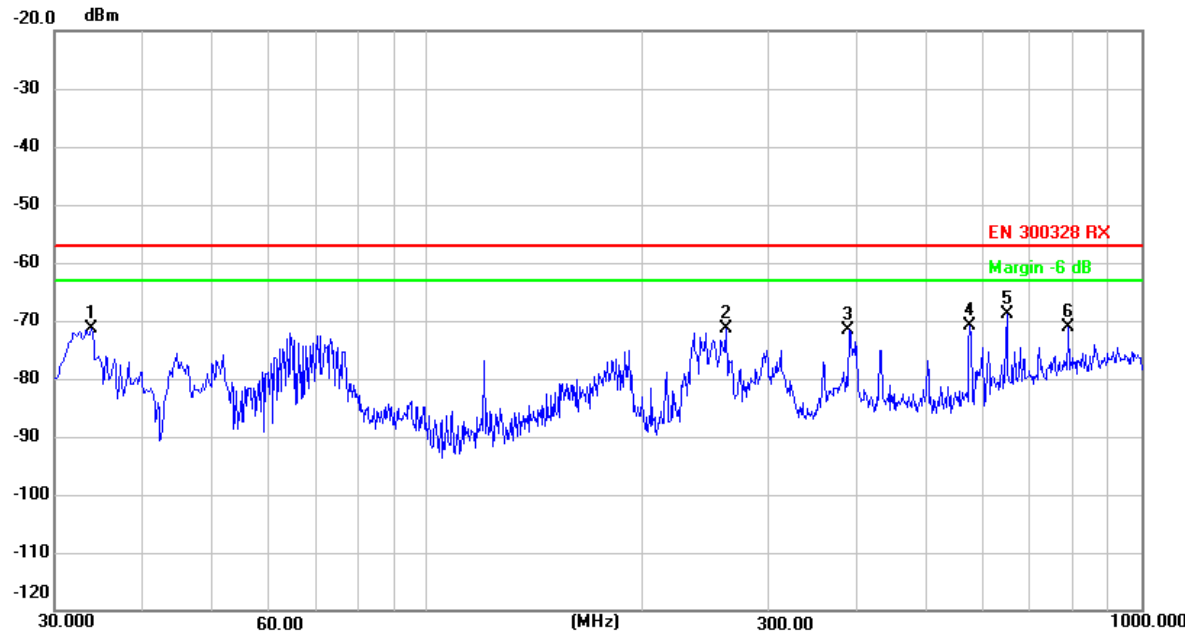
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1195.833	-57.11	-7.73	-64.84	-47.00	-17.84	peak
2	1493.500	-58.93	-6.94	-65.87	-47.00	-18.87	peak
3	3592.833	-65.22	-0.92	-66.14	-47.00	-19.14	peak
4	5852.750	-67.46	5.04	-62.42	-47.00	-15.42	peak
5	8868.583	-67.46	11.60	-55.86	-47.00	-8.86	peak
6 *	11144.167	-67.88	14.67	-53.21	-47.00	-6.21	peak

RX 802.11n(HT20) MIMO (2472MHz) Horizontal (30MHz-1GHz):



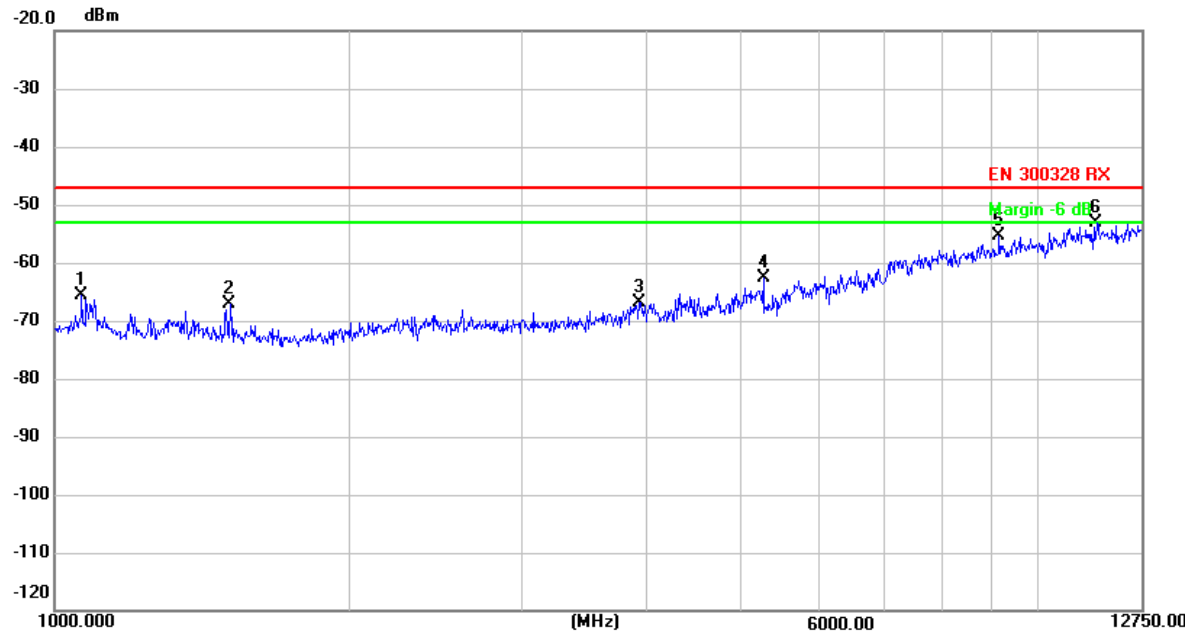
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	119.8866	-53.42	-18.40	-71.82	-57.00	-14.82	peak
2	180.0266	-51.44	-18.12	-69.56	-57.00	-12.56	peak
3 *	237.5800	-51.33	-18.08	-69.41	-57.00	-12.41	peak
4	255.3633	-52.33	-17.37	-69.70	-57.00	-12.70	peak
5	647.8900	-65.11	-6.71	-71.82	-57.00	-14.82	peak
6	790.1566	-67.30	-3.46	-70.76	-57.00	-13.76	peak

RX 802.11n(HT20) MIMO (2472MHz) Vertical (30MHz-1GHz):



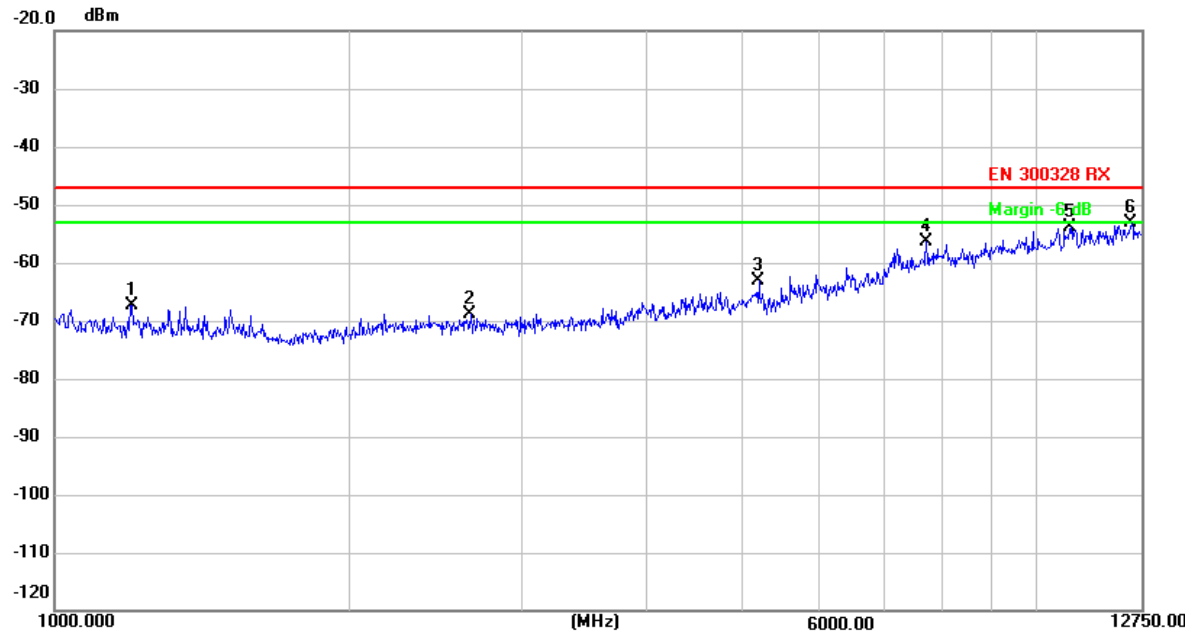
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	33.8800	-55.53	-15.91	-71.44	-57.00	-14.44	peak
2	262.4766	-54.20	-17.05	-71.25	-57.00	-14.25	peak
3	390.5164	-58.55	-12.96	-71.51	-57.00	-14.51	peak
4	575.7866	-62.48	-8.37	-70.85	-57.00	-13.85	peak
5 *	647.8900	-62.05	-6.71	-68.76	-57.00	-11.76	peak
6	793.3900	-67.65	-3.37	-71.02	-57.00	-14.02	peak

RX 802.11n(HT20) MIMO (2472MHz) Horizontal (1GHz-12.75GHz):



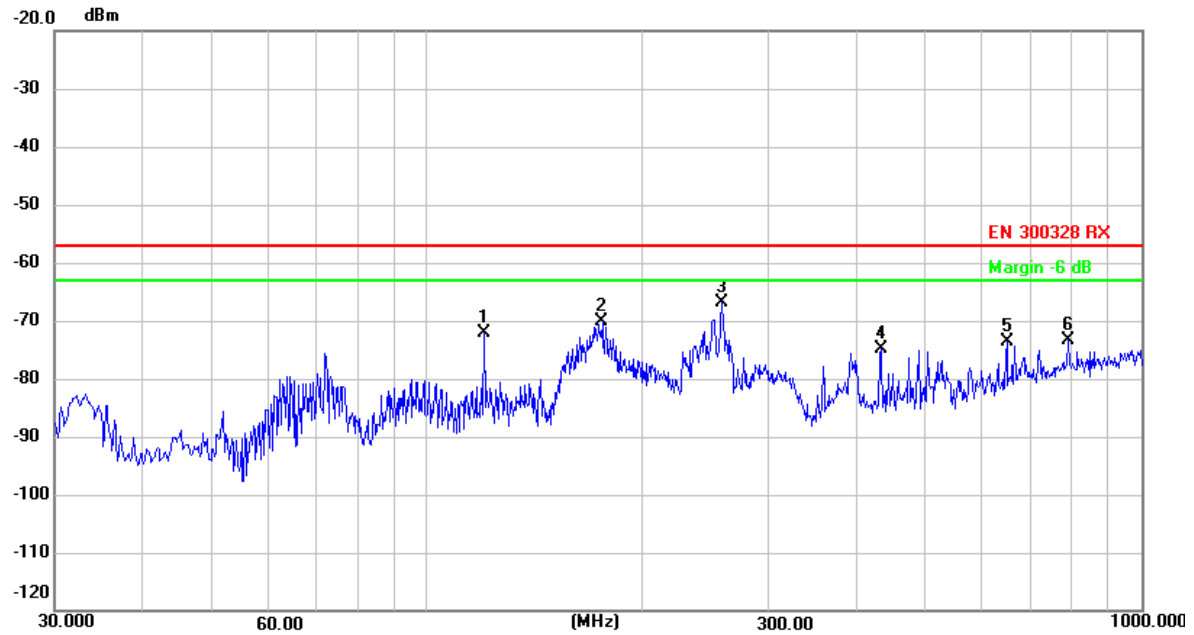
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1066.583	-57.43	-8.16	-65.59	-47.00	-18.59	peak
2	1513.083	-60.30	-6.92	-67.22	-47.00	-20.22	peak
3	3945.333	-67.15	0.36	-66.79	-47.00	-19.79	peak
4	5269.167	-65.65	2.95	-62.70	-47.00	-15.70	peak
5	9154.500	-67.50	12.22	-55.28	-47.00	-8.28	peak
6 *	11500.583	-67.96	14.95	-53.01	-47.00	-6.01	peak

RX 802.11n(HT20) MIMO (2472MHz) Vertical (1GHz-12.75GHz):



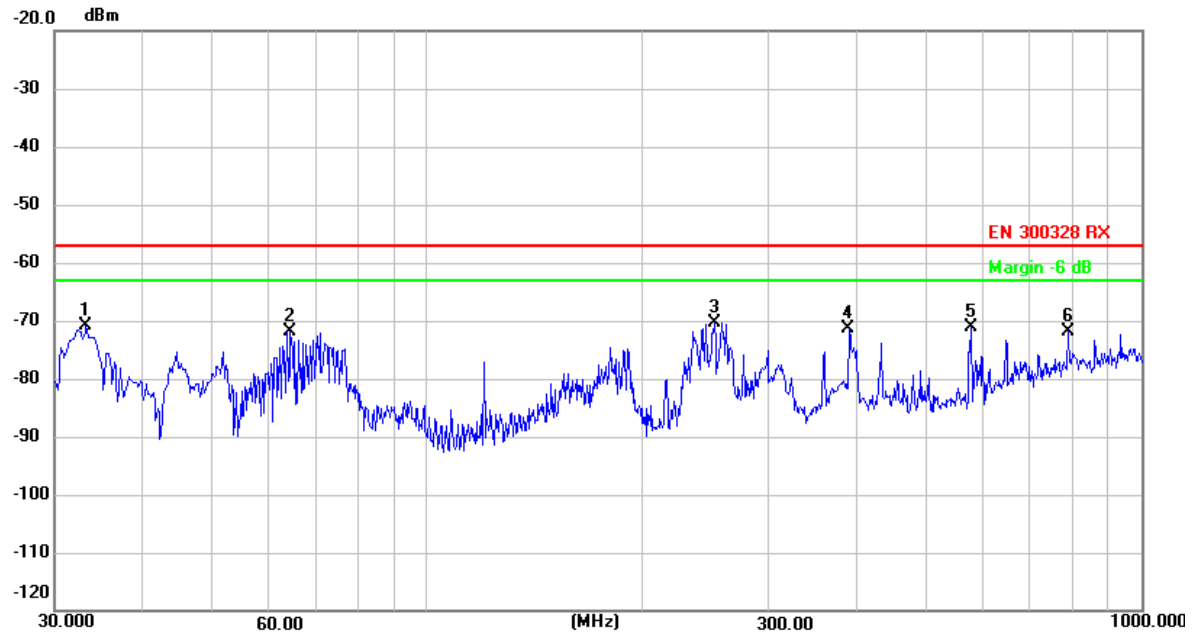
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1199.750	-59.60	-7.71	-67.31	-47.00	-20.31	peak
2	2652.833	-65.90	-2.90	-68.80	-47.00	-21.80	peak
3	5214.333	-65.86	2.75	-63.11	-47.00	-16.11	peak
4	7713.167	-66.87	10.44	-56.43	-47.00	-9.43	peak
5	10819.083	-68.23	14.46	-53.77	-47.00	-6.77	peak
6 *	12464.083	-68.92	15.77	-53.15	-47.00	-6.15	peak

RX 802.11n(HT40) MIMO (2422MHz) Horizontal (30MHz-1GHz):



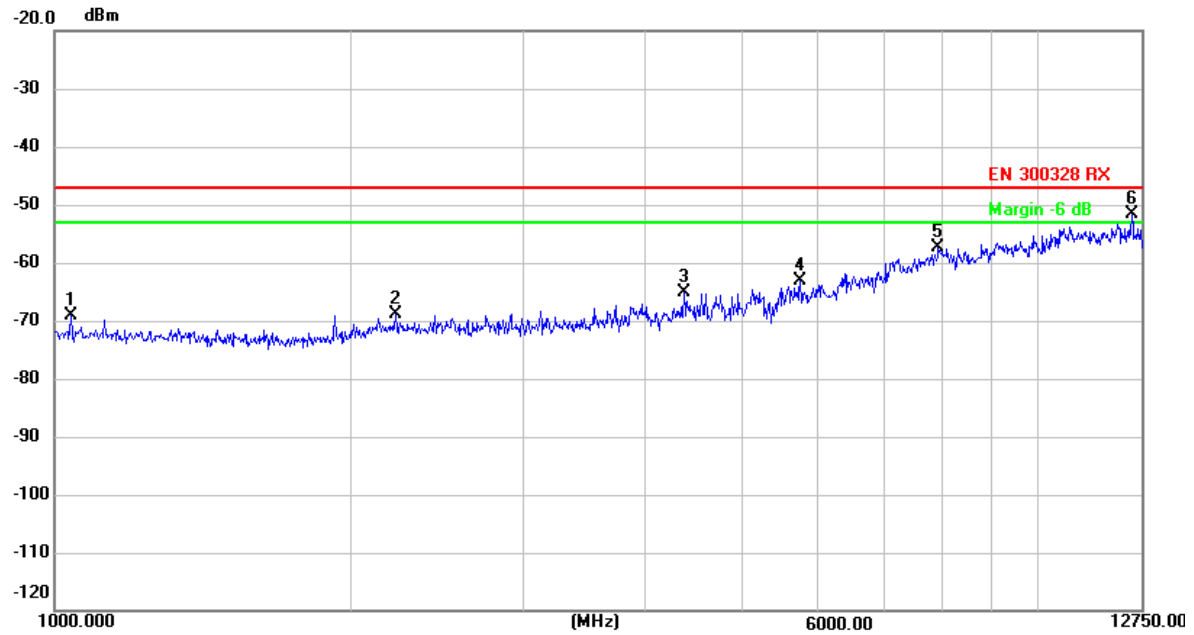
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	119.8866	-53.80	-18.40	-72.20	-57.00	-15.20	peak
2	176.1465	-52.42	-17.67	-70.09	-57.00	-13.09	peak
3 *	258.5966	-49.56	-17.22	-66.78	-57.00	-9.78	peak
4	432.2266	-63.25	-11.64	-74.89	-57.00	-17.89	peak
5	647.8900	-66.91	-6.71	-73.62	-57.00	-16.62	peak
6	790.1566	-69.80	-3.46	-73.26	-57.00	-16.26	peak

RX 802.11n(HT40) MIMO (2422MHz) Vertical (30MHz-1GHz):



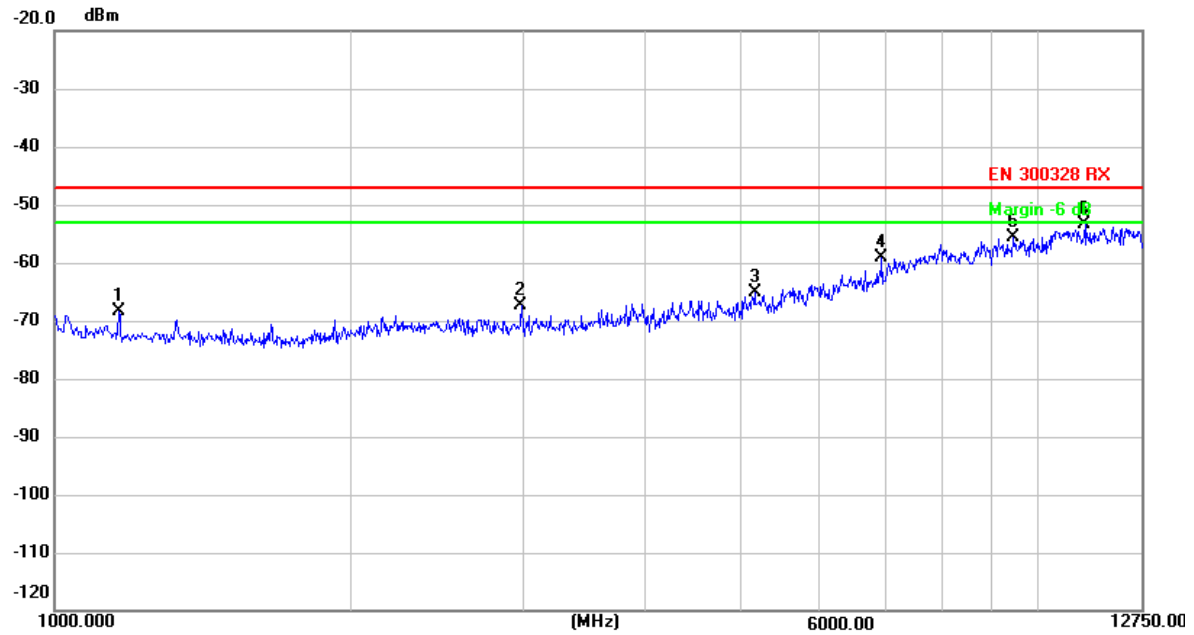
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	33.2331	-55.02	-15.97	-70.99	-57.00	-13.99	peak
2	64.2733	-53.61	-18.26	-71.87	-57.00	-14.87	peak
3 *	252.4533	-52.83	-17.49	-70.32	-57.00	-13.32	peak
4	390.5164	-58.32	-12.96	-71.28	-57.00	-14.28	peak
5	576.7566	-62.77	-8.35	-71.12	-57.00	-14.12	peak
6	790.1566	-68.31	-3.46	-71.77	-57.00	-14.77	peak

RX 802.11n(HT40) MIMO (2422MHz) Horizontal (1GHz-12.75GHz):



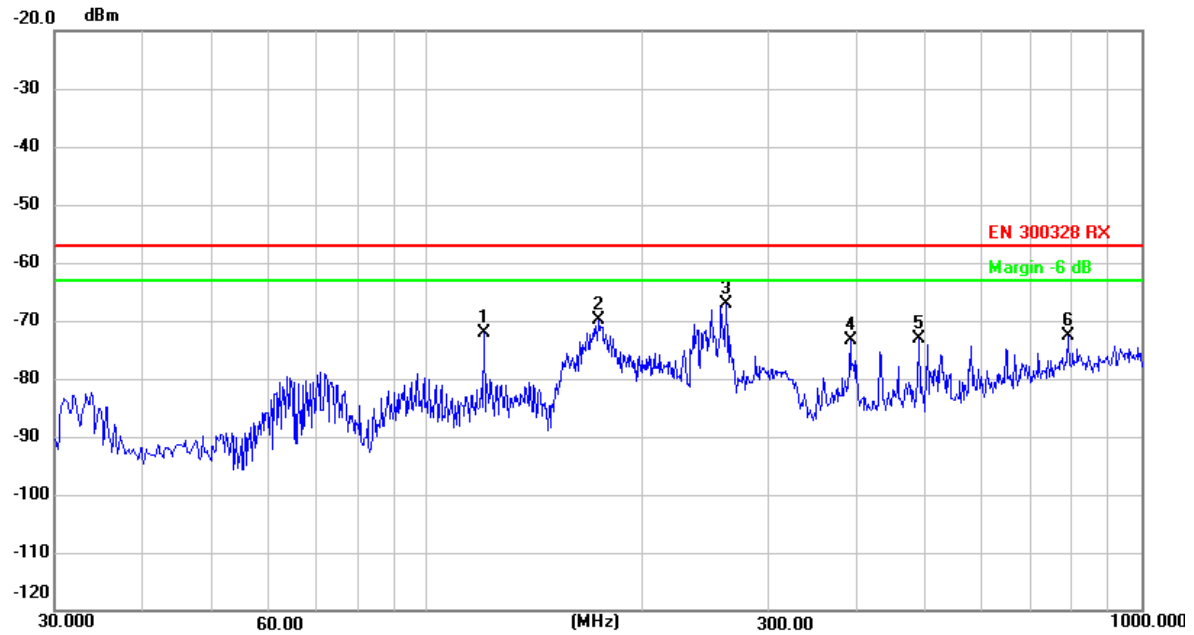
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1039.167	-60.92	-8.24	-69.16	-47.00	-22.16	peak
2	2225.917	-65.33	-3.57	-68.90	-47.00	-21.90	peak
3	4372.250	-66.32	1.10	-65.22	-47.00	-18.22	peak
4	5735.250	-67.57	4.54	-63.03	-47.00	-16.03	peak
5	7936.417	-68.30	10.93	-57.37	-47.00	-10.37	peak
6 *	12479.750	-67.43	15.80	-51.63	-47.00	-4.63	peak

RX 802.11n(HT40) MIMO (2422MHz) Vertical (1GHz-12.75GHz):



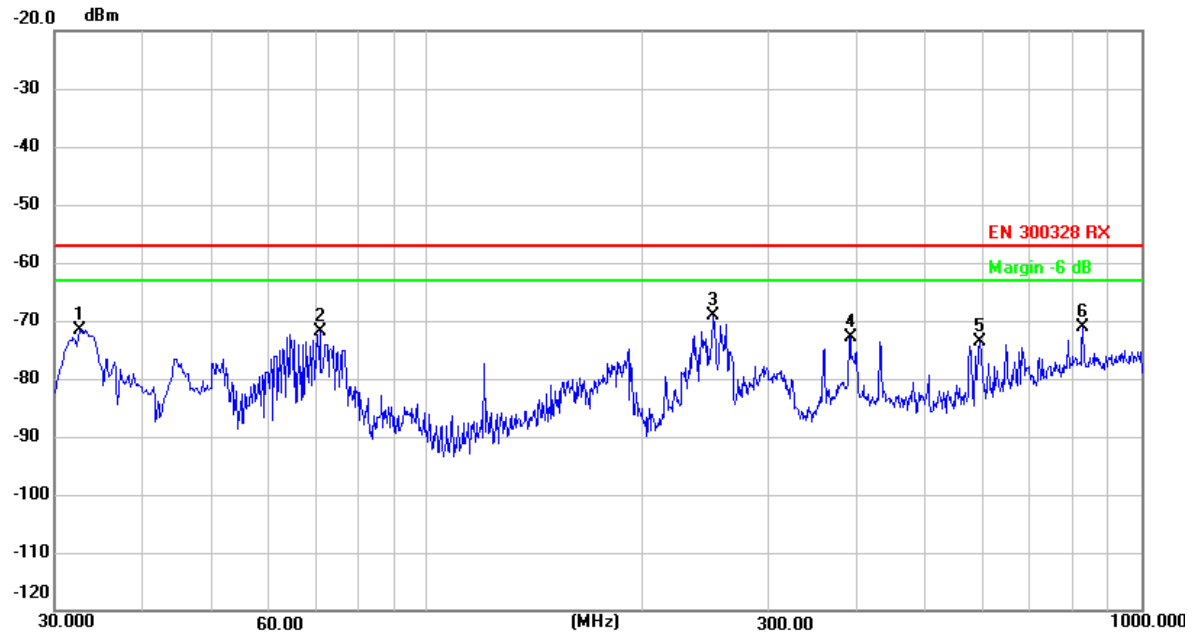
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1164.500	-60.57	-7.83	-68.40	-47.00	-21.40	peak
2	2993.583	-64.99	-2.31	-67.30	-47.00	-20.30	peak
3	5163.417	-67.78	2.62	-65.16	-47.00	-18.16	peak
4	6945.500	-67.70	8.59	-59.11	-47.00	-12.11	peak
5	9460.000	-68.15	12.62	-55.53	-47.00	-8.53	peak
6 *	11183.333	-68.10	14.66	-53.44	-47.00	-6.44	peak

RX 802.11n(HT40) MIMO (2462MHz) Horizontal (30MHz-1GHz):



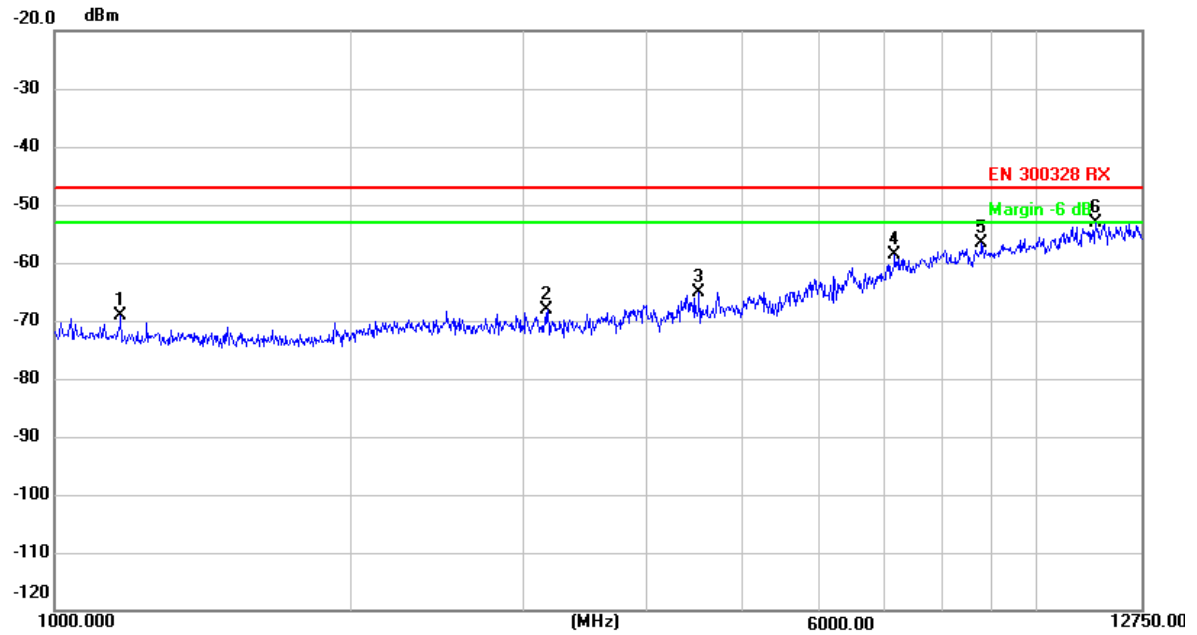
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	119.8866	-53.67	-18.40	-72.07	-57.00	-15.07	peak
2	174.2066	-52.57	-17.38	-69.95	-57.00	-12.95	peak
3 *	262.4766	-49.96	-17.05	-67.01	-57.00	-10.01	peak
4	391.1632	-60.52	-12.94	-73.46	-57.00	-16.46	peak
5	487.8400	-62.71	-10.38	-73.09	-57.00	-16.09	peak
6	790.1566	-69.10	-3.46	-72.56	-57.00	-15.56	peak

RX 802.11n(HT40) MIMO (2462MHz) Vertical (30MHz-1GHz):



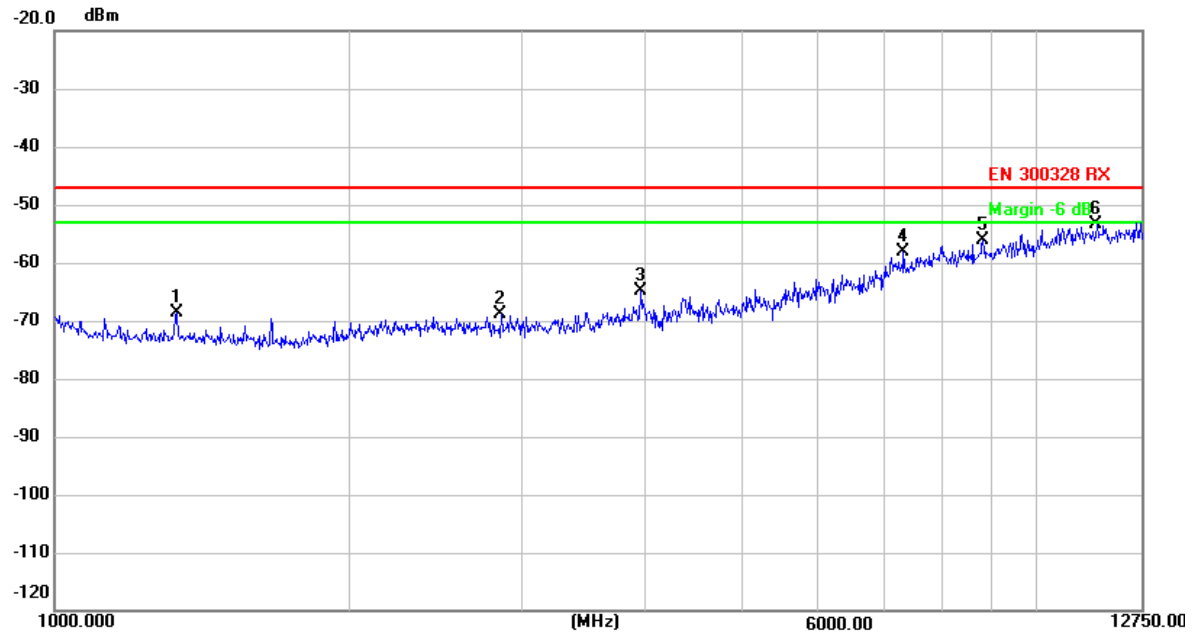
No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	32.5865	-55.58	-16.00	-71.58	-57.00	-14.58	peak
2	70.7400	-52.78	-19.21	-71.99	-57.00	-14.99	peak
3 *	251.8066	-51.70	-17.53	-69.23	-57.00	-12.23	peak
4	390.8400	-59.82	-12.95	-72.77	-57.00	-15.77	peak
5	594.5400	-65.50	-8.02	-73.52	-57.00	-16.52	peak
6	829.6032	-68.01	-3.08	-71.09	-57.00	-14.09	peak

RX 802.11n(HT40) MIMO (2462MHz) Horizontal (1GHz-12.75GHz):



No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1168.417	-61.37	-7.82	-69.19	-47.00	-22.19	peak
2	3181.583	-66.16	-2.05	-68.21	-47.00	-21.21	peak
3	4528.917	-66.54	1.43	-65.11	-47.00	-18.11	peak
4	7157.000	-68.26	9.76	-58.50	-47.00	-11.50	peak
5	8770.667	-68.06	11.46	-56.60	-47.00	-9.60	peak
6 *	11473.167	-67.96	14.93	-53.03	-47.00	-6.03	peak

RX 802.11n(HT40) MIMO (2462MHz) Vertical (1GHz-12.75GHz):



No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector
1	1332.917	-61.49	-7.17	-68.66	-47.00	-21.66	peak
2	2852.583	-66.29	-2.62	-68.91	-47.00	-21.91	peak
3	3953.167	-65.36	0.40	-64.96	-47.00	-17.96	peak
4	7313.667	-68.24	10.16	-58.08	-47.00	-11.08	peak
5	8802.000	-67.71	11.55	-56.16	-47.00	-9.16	peak
6 *	11500.583	-68.38	14.95	-53.43	-47.00	-6.43	peak

13. Receiver Blocking

Test Method: ETSI EN 300 328 Sub clause 5.4.11

13.1 Limits:

Receiving Blocking Limits (ETSI EN300 328 V2.2.2 Sub clause 4.3.1.12)

☒ Receiver Category 1

Wanted signal mean power from companion device (dBm) (see notes 1 and 4)	Blocking signal frequency (MHz)	Blocking signal power (dBm) (see note 4)	Type of blocking signal
(-133 dBm + $10 \times \log_{10}(\text{OCBW})$) or -68 dBm whichever is less (see note 2)	2 380 2 504	-34	CW
(-139 dBm + $10 \times \log_{10}(\text{OCBW})$) or -74 dBm whichever is less (see note 3)	2 300 2 330 2 360 2 524 2 584 2 674		

NOTE 1: OCBW is in Hz.

NOTE 2: In case of radiated measurements using a companion device and the level of the wanted signal from the companion device cannot be determined, a relative test may be performed using a wanted signal up to $P_{\min} + 26$ dB where $P_{\min}$ is the minimum level of wanted signal required to meet the minimum performance criteria as defined in clause 4.3.1.12.3 in the absence of any blocking signal.

NOTE 3: In case of radiated measurements using a companion device and the level of the wanted signal from the companion device cannot be determined, a relative test may be performed using a wanted signal up to $P_{\min} + 20$ dB where $P_{\min}$ is the minimum level of wanted signal required to meet the minimum performance criteria as defined in clause 4.3.1.12.3 in the absence of any blocking signal.

NOTE 4: The level specified is the level at the UUT receiver input assuming a 0 dBi antenna assembly gain. In case of conducted measurements, this level has to be corrected for the (in-band) antenna assembly gain (G). In case of radiated measurements, this level is equivalent to a power flux density (PFD) in front of the UUT antenna with the UUT being configured/positioned as recorded in clause 5.4.3.2.2.

☐ **Receiver Category 2**

Wanted signal mean power from companion device (dBm) (see notes 1 and 3)	Blocking signal frequency (MHz)	Blocking signal power (dBm) (see note 3)	Type of blocking signal
$(-139 \text{ dBm} + 10 \times \log_{10}(\text{OCBW}) + 10 \text{ dB})$ or $(-74 \text{ dBm} + 10 \text{ dB})$ whichever is less (see note 2)	2 380 2 504 2 300 2 584	-34	CW

NOTE 1: OCBW is in Hz.

NOTE 2: In case of radiated measurements using a companion device and the level of the wanted signal from the companion device cannot be determined, a relative test may be performed using a wanted signal up to $P_{\min} + 26 \text{ dB}$ where $P_{\min}$ is the minimum level of wanted signal required to meet the minimum performance criteria as defined in clause 4.3.1.12.3 in the absence of any blocking signal.

NOTE 3: The level specified is the level at the UUT receiver input assuming a 0 dBi antenna assembly gain. In case of conducted measurements, this level has to be corrected for the (in-band) antenna assembly gain (G). In case of radiated measurements, this level is equivalent to a power flux density (PFD) in front of the UUT antenna with the UUT being configured/positioned as recorded in clause 5.4.3.2.2.

☐ **Receiver Category 3**

Wanted signal mean power from companion device (dBm) (see notes 1 and 3)	Blocking signal frequency (MHz)	Blocking signal power (dBm) (see note 3)	Type of blocking signal
$(-139 \text{ dBm} + 10 \times \log_{10}(\text{OCBW}) + 20 \text{ dB})$ or $(-74 \text{ dBm} + 20 \text{ dB})$ whichever is less (see note 2)	2 380 2 504 2 300 2 584	-34	CW

NOTE 1: OCBW is in Hz.

NOTE 2: In case of radiated measurements using a companion device and the level of the wanted signal from the companion device cannot be determined, a relative test may be performed using a wanted signal up to $P_{\min} + 30 \text{ dB}$ where $P_{\min}$ is the minimum level of wanted signal required to meet the minimum performance criteria as defined in clause 4.3.1.12.3 in the absence of any blocking signal.

NOTE 3: The level specified is the level at the UUT receiver input assuming a 0 dBi antenna assembly gain. In case of conducted measurements, this level has to be corrected for the (in-band) antenna assembly gain (G). In case of radiated measurements, this level is equivalent to a power flux density (PFD) in front of the UUT antenna with the UUT being configured/positioned as recorded in clause 5.4.3.2.2.

13.2 Test Result:

Test Mode	Frequency [MHz]	Wanted Signal [dBm]	Frequency [MHz]	CW [dBm]	PER [%]	Limit [%]	Verdict
802.11b	2412	-74	2300	-34	2.16	≤10	Pass
		-74	2330	-34	1.69	≤10	Pass
		-74	2360	-34	3.02	≤10	Pass
		-68	2380	-34	1.94	≤10	Pass
	2472	-68	2504	-34	2.60	≤10	Pass
		-74	2524	-34	2.28	≤10	Pass
		-74	2584	-34	1.54	≤10	Pass
		-74	2674	-34	2.91	≤10	Pass

Annex A Photographs of Test Set-up

EUT set-up

Below 1GHz



Above 1GHz



***** End of Test Report *****