

TEST REPORT

Applicant: SZ DJI TECHNOLOGY CO., LTD.
Address: Lobby of T2, DJI Sky City, No. 53 Xianyuan Road,
Xili Community, Xili Street, Nanshan District,
518055 Shenzhen, China
Equipment Type: DJI AGRAS T55
Model Name: 3WWDZ-U50C
Brand Name: DJI
FCC ID: SS3-T55A2510
Test Standard: 47 CFR Part 15 Subpart E
(refer to section 3.1)
Sample Arrival Date: Oct. 22, 2025
Test Date: Oct. 23, 2025 - Dec. 13, 2025
Date of Issue: Dec. 18, 2025

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** Li Ganming**Checked by:** Ye Hongji**Approved by:** Tolan Tu
(Testing Director)

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Dec. 18, 2025</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Contact Address	Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Phone Number	+86 755 6685 0100

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☐ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☒ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☐ Building 2, Intelligent Connected Vehicle Industrial Park, No. 55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	SZ DJI TECHNOLOGY CO., LTD.
Address	Lobby of T2, DJI Sky City, No. 53 Xianyuan Road, Xili Community, Xili Street, Nanshan District, 518055 Shenzhen, China

2.2 Manufacturer Information

Manufacturer	SZ DJI TECHNOLOGY CO., LTD.
Address	Lobby of T2, DJI Sky City, No. 53 Xianyuan Road, Xili Community, Xili Street, Nanshan District, 518055 Shenzhen, China

2.3 General Description for Equipment under Test (EUT)

EUT Name	DJI AGRAS T55
Model Name Under Test	3WWDZ-U50C
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	WIFI 802.11g, 2.4G SDR, 5.2G SDR, 5.8G SDR GPS, BDS, Galileo, ADS-B
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, 10 MHz: 5157 MHz to 5245 MHz, 20 MHz: 5161 MHz to 5240 MHz, 40 MHz: 5170 MHz to 5230 MHz, 60 MHz: 5180 MHz to 5220 MHz, 80 MHz: 5190 MHz to 5210 MHz, U-NII-3: 5725 MHz to 5850 MHz, 10 MHz: 5730.5 MHz to 5844.5 MHz, 20 MHz: 5735.5 MHz to 5839.5 MHz, 40 MHz: 5745.5 MHz to 5829.5 MHz, 60 MHz: 5755.5 MHz to 5819.5 MHz, 80 MHz: 5765.5 MHz to 5809.5 MHz	
Product Type	☒ Mobile ☐ Portable ☐ Fix Location	
Modulation Technology	OFDM	
Channel Bandwidth	10MHz, 20 MHz, 40 MHz, 60MHz, 80 MHz	
Maximum Output Power	U-NII-1: 56.89 mW U-NII-3: 810.96 mW	
Antenna System (eg., MIMO, Smart Antenna)	Multi Input Multi Output (MIMO)	
Categorization as Correlated or Completely Uncorrelated	Categorization as Uncorrelated	
Antenna Type	ANT0 ANT1	UAV Antenna
Antenna Gain	ANT0 ANT1	U-NII-1: 5150 MHz to 5250 MHz: 2.0 dBi U-NII-3: 5725 MHz to 5850 MHz: 2.5 dBi
Total directional gain	For power spectral density (PSD) measurements	Uncorrelated: 5150 MHz to 5250 MHz: 2.0 dBi 5725 MHz to 5850 MHz: 2.5 dBi Formulas: Directional gain = G_{ANT}
	For power measurements	Uncorrelated: 5150 MHz to 5250 MHz: 2.0 dBi 5725 MHz to 5850 MHz: 2.5 dBi Formulas: Directional gain = G_{ANT}
About the Product	The equipment is DJI AGRAS T55, intended for used with information technology equipment.	

Mode	Antenna		
	ANT0	ANT1	MIMO
10 MHz	√	√	√
20 MHz	√	√	√
40 MHz	√	√	√
60 MHz	√	√	√
80 MHz	√	√	√
Note: All the configurations were tested, but only the worst case was reported in this report.			

Note: The above EUT information in section 2.4 was declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or user's manual.

2.5 Channel List

U-NII-1

10M Channel List:

Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)
1	5157	24	5180	47	5203	70	5226
2	5158	25	5181	48	5204	71	5227
3	5159	26	5182	49	5205	72	5228
4	5160	27	5183	50	5206	73	5229
5	5161	28	5184	51	5207	74	5230
6	5162	29	5185	52	5208	75	5231
7	5163	30	5186	53	5209	76	5232
8	5164	31	5187	54	5210	77	5233
9	5165	32	5188	55	5211	78	5234
10	5166	33	5189	56	5212	79	5235
11	5167	34	5190	57	5213	80	5236
12	5168	35	5191	58	5214	81	5237
13	5169	36	5192	59	5215	82	5238
14	5170	37	5193	60	5216	83	5239
15	5171	38	5194	61	5217	84	5240
16	5172	39	5195	62	5218	85	5241
17	5173	40	5196	63	5219	86	5242
18	5174	41	5197	64	5220	87	5243
19	5175	42	5198	65	5221	88	5244
20	5176	43	5199	66	5222	89	5245
21	5177	44	5200	67	5223		
22	5178	45	5201	68	5224		
23	5179	46	5202	69	5225		

20M Channel List:

Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)
1	5161	21	5181	41	5201	61	5221
2	5162	22	5182	42	5202	62	5222
3	5163	23	5183	43	5203	63	5223
4	5164	24	5184	44	5204	64	5224
5	5165	25	5185	45	5205	65	5225
6	5166	26	5186	46	5206	66	5226
7	5167	27	5187	47	5207	67	5227
8	5168	28	5188	48	5208	68	5228
9	5169	29	5189	49	5209	69	5229
10	5170	30	5190	50	5210	70	5230
11	5171	31	5191	51	5211	71	5231
12	5172	32	5192	52	5212	72	5232
13	5173	33	5193	53	5213	73	5233
14	5174	34	5194	54	5214	74	5234
15	5175	35	5195	55	5215	75	5235
16	5176	36	5196	56	5216	76	5236
17	5177	37	5197	57	5217	77	5237
18	5178	38	5198	58	5218	78	5238
19	5179	39	5199	59	5219	79	5239
20	5180	40	5200	60	5220	80	5240

40M Channel List:

Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)
1	5170	17	5186	33	5202	49	5218
2	5171	18	5187	34	5203	50	5219
3	5172	19	5188	35	5204	51	5220
4	5173	20	5189	36	5205	52	5221
5	5174	21	5190	37	5206	53	5222
6	5175	22	5191	38	5207	54	5223
7	5176	23	5192	39	5208	55	5224
8	5177	24	5193	40	5209	56	5225
9	5178	25	5194	41	5210	57	5226
10	5179	26	5195	42	5211	58	5227
11	5180	27	5196	43	5212	59	5228
12	5181	28	5197	44	5213	60	5229
13	5182	29	5198	45	5214	61	5230
14	5183	30	5199	46	5215		
15	5184	31	5200	47	5216		
16	5185	32	5201	48	5217		

60M Channel List:

Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)
1	5180	12	5191	23	5202	34	5213
2	5181	13	5192	24	5203	35	5214
3	5182	14	5193	25	5204	36	5215
4	5183	15	5194	26	5205	37	5216
5	5184	16	5195	27	5206	38	5217
6	5185	17	5196	28	5207	39	5218
7	5186	18	5197	29	5208	40	5219
8	5187	19	5198	30	5209	41	5220
9	5188	20	5199	31	5210		
10	5189	21	5200	32	5211		
11	5190	22	5201	33	5212		

80M Channel List:

Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)
1	5190	7	5196	13	5202	19	5208
2	5191	8	5197	14	5203	20	5209
3	5192	9	5198	15	5204	21	5210
4	5193	10	5199	16	5205		
5	5194	11	5200	17	5206		
6	5195	12	5201	18	5207		

U-NII-3

10M Channel List:

Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)
1	5730.5	30	5759.5	59	5788.5	88	5817.5
2	5731.5	31	5760.5	60	5789.5	89	5818.5
3	5732.5	32	5761.5	61	5790.5	90	5819.5
4	5733.5	33	5762.5	62	5791.5	91	5820.5
5	5734.5	34	5763.5	63	5792.5	92	5821.5
6	5735.5	35	5764.5	64	5793.5	93	5822.5
7	5736.5	36	5765.5	65	5794.5	94	5823.5
8	5737.5	37	5766.5	66	5795.5	95	5824.5
9	5738.5	38	5767.5	67	5796.5	96	5825.5
10	5739.5	39	5768.5	68	5797.5	97	5826.5
11	5740.5	40	5769.5	69	5798.5	98	5827.5
12	5741.5	41	5770.5	70	5799.5	99	5828.5
13	5742.5	42	5771.5	71	5800.5	100	5829.5
14	5743.5	43	5772.5	72	5801.5	101	5830.5
15	5744.5	44	5773.5	73	5802.5	102	5831.5
16	5745.5	45	5774.5	74	5803.5	103	5832.5
17	5746.5	46	5775.5	75	5804.5	104	5833.5
18	5747.5	47	5776.5	76	5805.5	105	5834.5
19	5748.5	48	5777.5	77	5806.5	106	5835.5
20	5749.5	49	5778.5	78	5807.5	107	5836.5
21	5750.5	50	5779.5	79	5808.5	108	5837.5
22	5751.5	51	5780.5	80	5809.5	109	5838.5
23	5752.5	52	5781.5	81	5810.5	110	5839.5
24	5753.5	53	5782.5	82	5811.5	111	5840.5
25	5754.5	54	5783.5	83	5812.5	112	5841.5
26	5755.5	55	5784.5	84	5813.5	113	5842.5
27	5756.5	56	5785.5	85	5814.5	114	5843.5
28	5757.5	57	5786.5	86	5815.5	115	5844.5
29	5758.5	58	5787.5	87	5816.5		

20M Channel List:

Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)
1	5735.5	28	5762.5	55	5789.5	82	5816.5
2	5736.5	29	5763.5	56	5790.5	83	5817.5
3	5737.5	30	5764.5	57	5791.5	84	5818.5
4	5738.5	31	5765.5	58	5792.5	85	5819.5
5	5739.5	32	5766.5	59	5793.5	86	5820.5
6	5740.5	33	5767.5	60	5794.5	87	5821.5
7	5741.5	34	5768.5	61	5795.5	88	5822.5
8	5742.5	35	5769.5	62	5796.5	89	5823.5
9	5743.5	36	5770.5	63	5797.5	90	5824.5
10	5744.5	37	5771.5	64	5798.5	91	5825.5
11	5745.5	38	5772.5	65	5799.5	92	5826.5
12	5746.5	39	5773.5	66	5800.5	93	5827.5
13	5747.5	40	5774.5	67	5801.5	94	5828.5
14	5748.5	41	5775.5	68	5802.5	95	5829.5
15	5749.5	42	5776.5	69	5803.5	96	5830.5
16	5750.5	43	5777.5	70	5804.5	97	5831.5
17	5751.5	44	5778.5	71	5805.5	98	5832.5
18	5752.5	45	5779.5	72	5806.5	99	5833.5
19	5753.5	46	5780.5	73	5807.5	100	5834.5
20	5754.5	47	5781.5	74	5808.5	101	5835.5
21	5755.5	48	5782.5	75	5809.5	102	5836.5
22	5756.5	49	5783.5	76	5810.5	103	5837.5
23	5757.5	50	5784.5	77	5811.5	104	5838.5
24	5758.5	51	5785.5	78	5812.5	105	5839.5
25	5759.5	52	5786.5	79	5813.5		
26	5760.5	53	5787.5	80	5814.5		
27	5761.5	54	5788.5	81	5815.5		

40M Channel List:

Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)
1	5745.5	23	5767.5	45	5789.5	67	5811.5
2	5746.5	24	5768.5	46	5790.5	68	5812.5
3	5747.5	25	5769.5	47	5791.5	69	5813.5
4	5748.5	26	5770.5	48	5792.5	70	5814.5
5	5749.5	27	5771.5	49	5793.5	71	5815.5
6	5750.5	28	5772.5	50	5794.5	72	5816.5
7	5751.5	29	5773.5	51	5795.5	73	5817.5
8	5752.5	30	5774.5	52	5796.5	74	5818.5
9	5753.5	31	5775.5	53	5797.5	75	5819.5
10	5754.5	32	5776.5	54	5798.5	76	5820.5
11	5755.5	33	5777.5	55	5799.5	77	5821.5
12	5756.5	34	5778.5	56	5800.5	78	5822.5
13	5757.5	35	5779.5	57	5801.5	79	5823.5
14	5758.5	36	5780.5	58	5802.5	80	5824.5
15	5759.5	37	5781.5	59	5803.5	81	5825.5
16	5760.5	38	5782.5	60	5804.5	82	5826.5
17	5761.5	39	5783.5	61	5805.5	83	5827.5
18	5762.5	40	5784.5	62	5806.5	84	5828.5
19	5763.5	41	5785.5	63	5807.5	85	5829.5
20	5764.5	42	5786.5	64	5808.5		
21	5765.5	43	5787.5	65	5809.5		
22	5766.5	44	5788.5	66	5810.5		

60M Channel List:

Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)
1	5755.5	18	5772.5	35	5789.5	52	5806.5
2	5756.5	19	5773.5	36	5790.5	53	5807.5
3	5757.5	20	5774.5	37	5791.5	54	5808.5
4	5758.5	21	5775.5	38	5792.5	55	5809.5
5	5759.5	22	5776.5	39	5793.5	56	5810.5
6	5760.5	23	5777.5	40	5794.5	57	5811.5
7	5761.5	24	5778.5	41	5795.5	58	5812.5
8	5762.5	25	5779.5	42	5796.5	59	5813.5
9	5763.5	26	5780.5	43	5797.5	60	5814.5
10	5764.5	27	5781.5	44	5798.5	61	5815.5
11	5765.5	28	5782.5	45	5799.5	62	5816.5
12	5766.5	29	5783.5	46	5800.5	63	5817.5
13	5767.5	30	5784.5	47	5801.5	64	5818.5
14	5768.5	31	5785.5	48	5802.5	65	5819.5
15	5769.5	32	5786.5	49	5803.5		
16	5770.5	33	5787.5	50	5804.5		
17	5771.5	34	5788.5	51	5805.5		

80M Channel List:

Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)
1	5765.5	13	5777.5	25	5789.5	37	5801.5
2	5766.5	14	5778.5	26	5790.5	38	5802.5
3	5767.5	15	5779.5	27	5791.5	39	5803.5
4	5768.5	16	5780.5	28	5792.5	40	5804.5
5	5769.5	17	5781.5	29	5793.5	41	5805.5
6	5770.5	18	5782.5	30	5794.5	42	5806.5
7	5771.5	19	5783.5	31	5795.5	43	5807.5
8	5772.5	20	5784.5	32	5796.5	44	5808.5
9	5773.5	21	5785.5	33	5797.5	45	5809.5
10	5774.5	22	5786.5	34	5798.5		
11	5775.5	23	5787.5	35	5799.5		
12	5776.5	24	5788.5	36	5800.5		

The Lowest frequency, the middle frequency and the highest frequency of channel were selected to perform the test, and the selected channel see below:

For 10 MHz

U-NII-1 (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
1	Low	5157	1	Low	5730.5
45	Mid	5201	58	Mid	5787.5
89	High	5245	115	High	5844.5

For 20 MHz

U-NII-1 (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
1	Low	5161	1	Low	5735.5
40	Mid	5200	53	Mid	5787.5
80	High	5240	105	High	5839.5

For 40 MHz

U-NII-1 (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
1	Low	5170	1	Low	5745.5
31	Mid	5200	43	Mid	5787.5
61	High	5230	85	High	5829.5

For 60 MHz

U-NII-1 (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
1	Low	5180	1	Low	5755.5
22	Mid	5201	33	Mid	5787.5
41	High	5220	65	High	5819.5

For 80 MHz

U-NII-1 (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
1	Low	5190	1	Low	5765.5
11	Mid	5200	23	Mid	5787.5
21	High	5210	45	High	5809.5

Test Items	Mode	U-NII-1	U-NII-3
		Channel	Channel
RF Output Power	10 MHz	89/45/1	115/58/1
	20 MHz	80/40/1	105/53/1
	40 MHz	61/31/1	85/43/1
	60 MHz	41/22/1	65/33/1
	80 MHz	21/11/1	45/23/1
Emission Bandwidth & 99% Occupied Bandwidth	10 MHz	89/45/1	115/58/1
	20 MHz	80/40/1	105/53/1
	40 MHz	61/31/1	85/43/1
	60 MHz	41/22/1	65/33/1
	80 MHz	21/11/1	45/23/1
6 dB bandwidth	10 MHz	N/A	115/58/1
	20 MHz	N/A	105/53/1
	40 MHz	N/A	85/43/1
	60 MHz	N/A	65/33/1
	80 MHz	N/A	45/23/1
Power Spectral Density	10 MHz	89/45/1	115/58/1
	20 MHz	80/40/1	105/53/1
	40 MHz	61/31/1	85/43/1
	60 MHz	41/22/1	65/33/1
	80 MHz	21/11/1	45/23/1
Radiated Spurious Emissions	10 MHz	89/45/1	115/58/1
	20 MHz	80/40/1	105/53/1
	40 MHz	61/31/1	85/43/1
	60 MHz	41/22/1	65/33/1
	80 MHz	21/11/1	45/23/1
Band Edge (Restricted-band)	10 MHz	89/1	115/1
	20 MHz	80/1	105/1
	40 MHz	61/1	85/1
	60 MHz	41/1	65/1
	80 MHz	21/1	45/1

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E	Unlicensed National Information Infrastructure Devices
2	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	KDB Publication 662911 D01v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)
4	ANSI C63.10-2020	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices

3.2 Test Verdict

No.	Description	FCC Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	--	Pass ^{Note1}
2	RF Output Power	15.407(a)	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	ANNEX A.4	Pass
6	Conducted Emission	15.207	ANNEX A.5	N/A ^{Note3}
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	ANNEX A.6	Pass

Note ¹: The EUT has a permanently and irreplaceable attached antenna, which complies with the requirement FCC 15.203.

Note ²: Under all normal operating conditions specified in the user manual, frequency stability can keep radiation within the operating frequency band.

Note ³: Wireless communication cannot be performed when the EUT was charging, so the Conducted Emission test is not applicable.

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

During the measurement, the normal environmental conditions were within the listed ranges:

Relative Humidity	42% to 65%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+19.1℃ to +25.9℃
Working Voltage of the EUT	NV (Normal Voltage)	52.5 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2024.12.16	2025.12.15
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2025.04.28	2026.04.27
Power Sensor	KEYSIGHT	U2063XA	MY58000247	2025.06.16	2026.06.15
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Test Antenna-Bi-Log	Schwarzbeck	VULB 9163	01414	2023.11.03	2026.11.02
Test Antenna-Horn	Schwarzbeck	BBHA 9120D	02459	2023.10.26	2026.10.25
Anechoic Chamber	YIHENG	C8-966	N/A	2024.05.15	2027.05.11
EMI Receiver	Keysight	N9038A	MY55330121	2025.04.16	2026.04.15
Filtering unit	balun	SU319F	LW-SZ19D0001F01	N/A	N/A
Switching unit	BALUN	SU319	LW-SZ19D0001S01	N/A	N/A
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2025.06.16	2026.06.15
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2027.01.22

4.3 Test Software List

Description	Manufacturer	Software Version	Serial No.	Applicable test Setup
BL410R	BALUN	V2.1.1.488	N/A	The section 4.5.1
BL410E	BALUN	V22.930	N/A	The section 4.5.2&4.5.3&4.5.4&4.5.5

4.4 Measurement Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.8°C
Humidity	4%

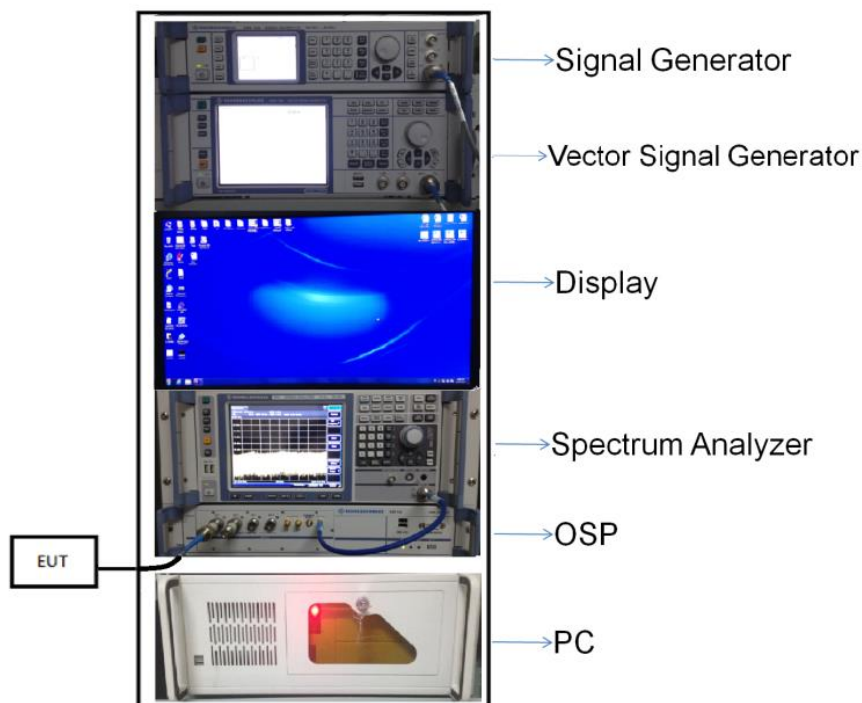
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

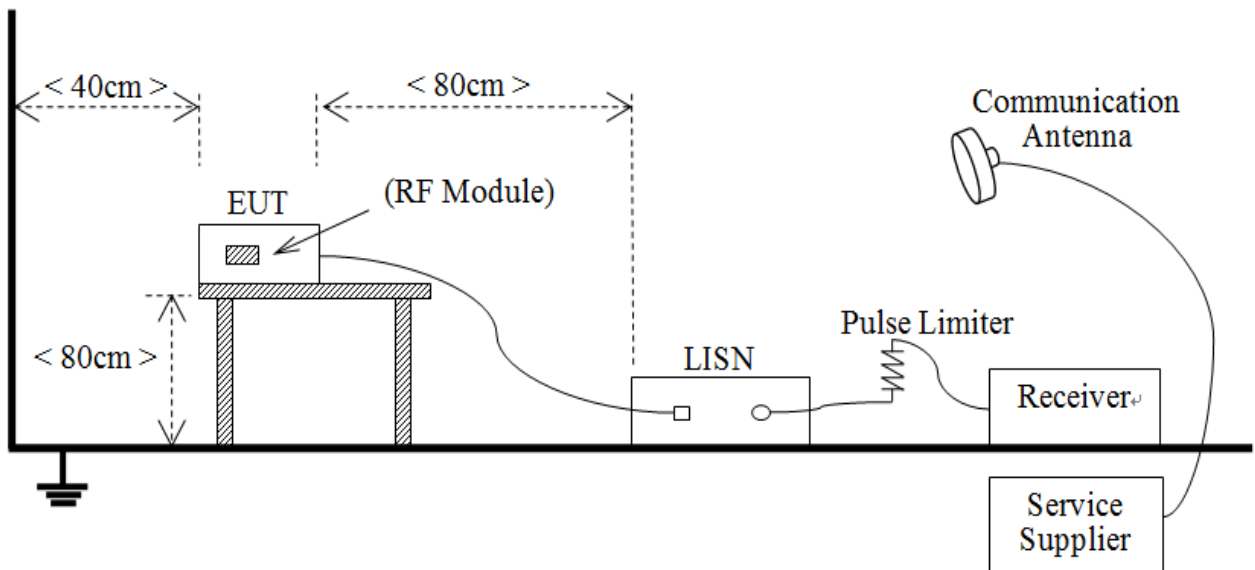
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

Conducted value (dBm) = 10 dBm + 0.5 dB = 10.5 dBm



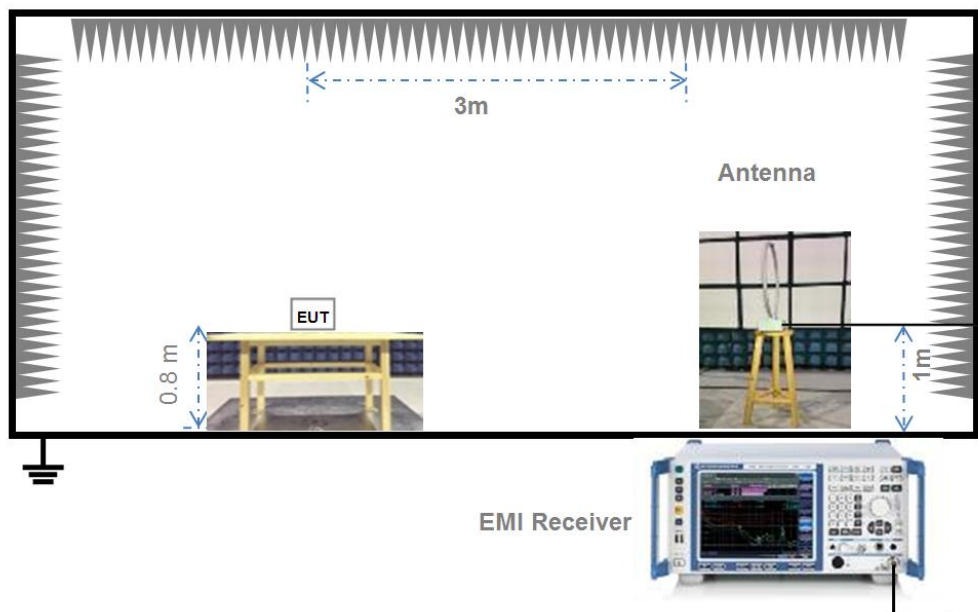
(Diagram 1)

4.5.2 For AC Power Supply Port Test



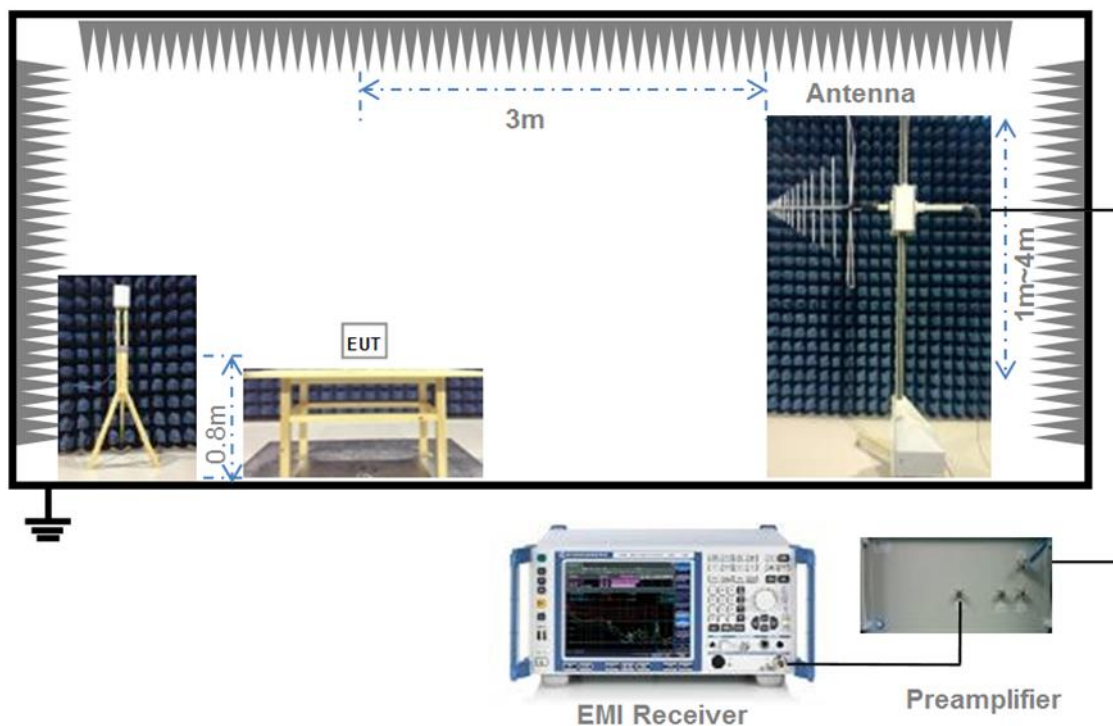
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



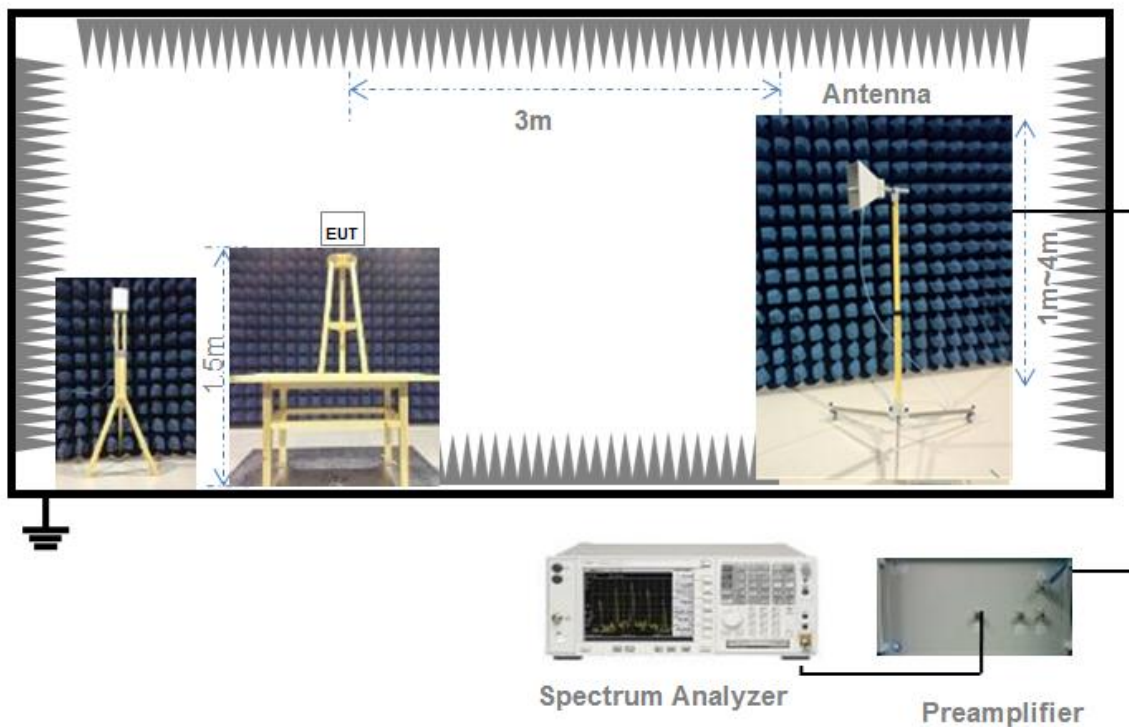
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

Frequency Band (MHz)	Limit
5150-5250	250 mW
5250-5350	250 mW or 11 dBm + 10log B, whichever is less.
5470-5725	250 mW or 11 dBm + 10log B, whichever is less.
5725-5850	1 W
Note: Where "B" is the 26 dB emissions bandwidth in MHz.	

5.1.2 Test Setup

The section 4.5.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.1.3 Test Procedure

Maximum conducted (average) output power

a) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the conditions listed below are satisfied.

- 1) The EUT is configured to transmit continuously or to transmit with a constant duty cycle.
- 2) At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.
- 3) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.

b) If the transmitter does not transmit continuously, measure the duty cycle (x) of the transmitter output signal.

c) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.

d) Adjust the measurement in dBm by adding 10 log (1/x) where x is the duty cycle.

Measurements of duty cycle

The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the on and off times of the transmitted signal.

Set the center frequency of the instrument to the center frequency of the transmission.

Set RBW ≥ OBW if possible; otherwise, set RBW to the largest available value.

Set VBW $\geq$ RBW. Set detector = peak or average.

The zero-span measurement method shall not be used unless both RBW and VBW are $> 50/T$ and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring duty cycle shall not be used if $T \leq 16.7$ microseconds.)

The E.I.R.P used radiated test method. At a test site that has been validated using the procedures of ANSI C63.10 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

5.2.2 Test Setup

The test setup photo please refer to 4.5.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.2.3 Test Procedure

Emission bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set VBW $\geq 3 \times$ RBW,
3. Detector = Peak.
4. Trace mode = Max hold.
5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

Occupied Bandwidth

1. Set Span = 1.5 times to 5.0 times the OBW
2. Set RBW = 1% to 5% of the OBW.
3. Set VBW $\geq 3 \times$ RBW, Detector = Peak.
4. Trace mode = Max hold.
5. Use the 99% power bandwidth function of the instrument.

6 dB bandwidth

1. Set RBW = 100 kHz, VBW = 300 kHz.
2. Detector = Peak. Trace mode = Max hold.
3. Allow the trace to stabilize.
4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

5.2.4 Test Result

Please refer to ANNEX A.2 and ANNEX A.3.

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

Frequency Band (MHz)	Limit
5150-5250	11 dBm/MHz
5250-5350	11 dBm/MHz
5470-5725	11 dBm/MHz
5725-5850	30 dBm/500kHz

5.3.2 Test Setup

The section 4.5.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.3.3 Test Procedure

Set the spectrum analyzer or EMI receiver span to view the entire emission bandwidth.

1. Set RBW = 510 kHz/1 MHz, VBW $\geq 3 \times$ RBW, Sweep time = Auto, Detector = RMS.
2. Allow the sweeps to continue until the trace stabilizes.
3. Use the peak marker function to determine the maximum amplitude level.
4. The E.I.R.P spectral density used radiated test method. At a test site that has been validated using the procedures of ANSI C63.10 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

For an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the U-NII-150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 μ H/50 Ω line impedance stabilization network (LISN).

Frequency range (MHz)	Conducted Limit (dB μ V)	
	Quai-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
0.50 - 30	60	50

5.4.2 Test Setup

The section 4.5.2 (Diagram 2) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.4.3 Test Procedure

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Refer to recorded points and plots below.

5.4.4 Test Result

Please refer to ANNEX A.5.

5.5 Radiated Spurious Emissions and Band Edge (Restricted-band)

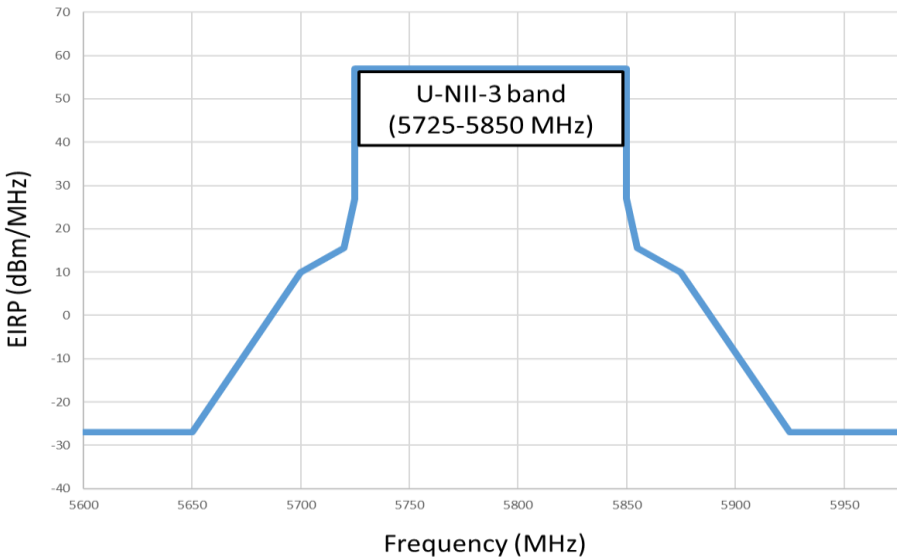
5.5.1 Limit

FCC §15.209 & 15.407(b)

Frequency (MHz)	Field Strength ($\mu\text{V/m}$)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

Note ¹: The Limit for radiated test was performed according to FCC Part 15C

Note ²: The tighter limit applies at the band edge.

Un-restricted band emissions	
Out Operating Band (MHz)	Limit
5150 - 5250	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5250 - 5350	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5470 - 5725	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5725 - 5850	All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge. 

Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength.

5.5.2 Test Setup

The section 4.5.3-4.5.5 (Diagram 3 - Diagram 5) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.5.3 Test Procedure

Since the emission limits are specified in terms of radiated field strength levels, measurements performed to demonstrate compliance have traditionally relied on a radiated test configuration. Radiated measurements remain the principal method for demonstrating compliance to the specified limits; however antenna-port conducted measurements are also now acceptable to demonstrate compliance (see below for details). When radiated measurements are utilized, test site requirements and procedures for maximizing and measuring radiated emissions that are described in ANSI C63.10 shall be followed.

Antenna-port conducted measurements may also be used as an alternative to radiated measurements for demonstrating compliance in the restricted frequency bands. If conducted measurements are performed, then proper impedance matching must be ensured and an additional radiated test for cabinet/case spurious emissions is required.

General Procedure for conducted measurements in restricted bands

- a) Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).
- b) Add the appropriate maximum ground reflection factor to the EIRP level (6 dB for frequencies ≤ 30 MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies > 1000 MHz).
- c) For devices with multiple antenna-ports, measure the power of each individual chain and sum the EIRP of all chains in linear terms (e.g., Watts, mW).
- d) Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:

$$E = \text{EIRP} - 20\log D + 104.8$$

where:

E = electric field strength in dB μ V/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

- e) Compare the resultant electric field strength level to the applicable limit.
- f) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

The specifications for measurements using the CISPR quasi-peak detector can be found in Publication 16 of the International Special Committee on Radio Frequency Interference (CISPR) of the International Electrotechnical Commission.

As an alternative to CISPR quasi-peak measurement, compliance can be demonstrated to the applicable

emission limits using a peak detector.

Peak power measurement procedure

Peak emission levels are measured by setting the instrument as follows:

- a) RBW = as specified in Table 1.
- b) VBW $\geq 3 \times$ RBW.
- c) Detector = Peak.
- d) Sweep time = auto.
- e) Trace mode = max hold.
- f) Allow sweeps to continue until the trace stabilizes. (Note that the required measurement time may be longer for low duty cycle applications).

Table 1—RBW as a function of frequency

Frequency	RBW
9-150 kHz	200-300 Hz
0.15-30 MHz	9-10 kHz
30-1000 MHz	100-120 kHz
> 1000 MHz	1 MHz

If the peak-detected amplitude can be shown to comply with the average limit, then it is not necessary to perform a separate average measurement.

Trace averaging across on and off times of the EUT transmissions followed by duty cycle correction

If continuous transmission of the EUT (i.e., duty cycle ≥ 98 percent) cannot be achieved and the duty cycle is constant (i.e., duty cycle variations are less than ± 2 percent), then the following procedure shall be used:

- a) The EUT shall be configured to operate at the maximum achievable duty cycle.
- b) Measure the duty cycle, x , of the transmitter output signal as described in section 6.0.
- c) RBW = 1 MHz (unless otherwise specified).
- d) VBW $\geq 3 \times$ RBW.
- e) Detector = RMS, if $\text{span}/(\# \text{ of points in sweep}) \leq (\text{RBW}/2)$. Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.
- f) Averaging type = power (i.e., RMS).
 - 1) As an alternative, the detector and averaging type may be set for linear voltage averaging.
 - 2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.
- g) Sweep time = auto.

h) Perform a trace average of at least 100 traces.

i) A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:

1) If power averaging (RMS) mode was used in step f), then the applicable correction factor is $10 \log(1/x)$, where x is the duty cycle.

2) If linear voltage averaging mode was used in step f), then the applicable correction factor is $20 \log(1/x)$, where x is the duty cycle.

3) If a specific emission is demonstrated to be continuous (≥ 98 percent duty cycle) rather than turning on and off with the transmit cycle, then no duty cycle correction is required for that emission.

NOTE: Reduction of the measured emission amplitude levels to account for operational duty factor is not permitted. Compliance is based on emission levels occurring during transmission - not on an average across on and off times of the transmitter.

Determining the applicable transmit antenna gain

A conducted power measurement will determine the maximum output power associated with a restricted band emission; however, in order to determine the associated EIRP level, the gain of the transmitting antenna (in dBi) must be added to the measured output power (in dBm).

Since the out-of-band characteristics of the EUT transmit antenna will often be unknown, the use of a conservative antenna gain value is necessary. Thus, when determining the EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2 dBi, whichever is greater. However, for devices that operate in multiple frequency bands while using the same transmit antenna, the highest gain of the antenna within the operating band nearest in frequency to the restricted band emission being measured may be used in lieu of the overall highest gain when the emission is at a frequency that is within 20 percent of the nearest band edge frequency, but in no case shall a value less than 2 dBi be used.

See KDB 662911 for guidance on calculating the additional array gain term when determining the effective antenna gain for a EUT with multiple outputs occupying the same or overlapping frequency ranges in the same band.

Radiated spurious emission test

An additional consideration when performing conducted measurements of restricted band emissions is that unwanted emissions radiating from the EUT cabinet, control circuits, power leads, or intermediate circuit elements will likely go undetected in a conducted measurement configuration. To address this concern, a radiated test shall be performed to ensure that emissions emanating from the EUT cabinet (rather than the antenna port) also comply with the applicable limits.

For these cabinet radiated spurious emission measurements the EUT transmit antenna may be replaced with a termination matching the nominal impedance of the antenna. Procedures for performing radiated measurements are specified in ANSI C63.10. All detected emissions shall comply with the applicable limits.

The measurement frequency range is from 30 MHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

The power of the EUT transmitting frequency should be ignored.

All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz for $f \geq 1$ GHz, 100 kHz for $f < 1$ GHz

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

Note: For FCC standard, if transmitting antennas of directional gain greater than 6 dBi are used, all band maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
10 MHz	1.00	1.00	100.00%	0.00
20 MHz	1.00	1.00	100.00%	0.00
40 MHz	1.00	1.00	100.00%	0.00
60 MHz	1.00	1.00	100.00%	0.00
80 MHz	1.00	1.00	100.00%	0.00

Test DataConducted PowerANT0

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
10 MHz	CH1	3.03	2.01	250	Pass
	CH45	13.99	25.06	250	Pass
	CH89	13.20	20.89	250	Pass
20 MHz	CH1	2.41	1.74	250	Pass
	CH40	13.89	24.49	250	Pass
	CH80	14.06	25.47	250	Pass
40 MHz	CH1	6.43	4.40	250	Pass
	CH31	13.83	24.15	250	Pass
	CH61	14.46	27.93	250	Pass
60 MHz	CH1	7.71	5.90	250	Pass
	CH22	13.53	22.54	250	Pass
	CH41	13.61	22.96	250	Pass
80 MHz	CH1	8.96	7.87	250	Pass
	CH11	12.75	18.84	250	Pass
	CH21	13.71	23.50	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
10 MHz	CH1	26.06	403.65	1000	Pass
	CH58	25.92	390.84	1000	Pass
	CH115	26.18	414.95	1000	Pass
20 MHz	CH1	26.14	411.15	1000	Pass
	CH53	26.12	409.26	1000	Pass
	CH105	26.07	404.58	1000	Pass
40 MHz	CH1	21.85	153.11	1000	Pass
	CH43	26.02	399.94	1000	Pass
	CH85	20.88	122.46	1000	Pass
60 MHz	CH1	22.54	179.47	1000	Pass
	CH33	22.54	179.47	1000	Pass
	CH65	22.36	172.19	1000	Pass
80 MHz	CH1	22.12	162.93	1000	Pass
	CH23	22.40	173.78	1000	Pass
	CH45	22.21	166.34	1000	Pass

ANT1

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
10 MHz	CH1	2.89	1.95	250	Pass
	CH45	14.39	27.48	250	Pass
	CH89	13.78	23.88	250	Pass
20 MHz	CH1	2.50	1.78	250	Pass
	CH40	14.56	28.58	250	Pass
	CH80	14.86	30.62	250	Pass
40 MHz	CH1	6.59	4.56	250	Pass
	CH31	14.47	27.99	250	Pass
	CH61	14.61	28.91	250	Pass
60 MHz	CH1	7.71	5.90	250	Pass
	CH22	14.13	25.88	250	Pass
	CH41	14.27	26.73	250	Pass
80 MHz	CH1	9.51	8.93	250	Pass
	CH11	12.61	18.24	250	Pass
	CH21	14.42	27.67	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
10 MHz	CH1	25.71	372.39	1000	Pass
	CH58	25.71	372.39	1000	Pass
	CH115	25.98	396.28	1000	Pass
20 MHz	CH1	25.93	391.74	1000	Pass
	CH53	25.92	390.84	1000	Pass
	CH105	25.85	384.59	1000	Pass
40 MHz	CH1	21.26	133.66	1000	Pass
	CH43	25.95	393.55	1000	Pass
	CH85	20.34	108.14	1000	Pass
60 MHz	CH1	22.09	161.81	1000	Pass
	CH33	22.30	169.82	1000	Pass
	CH65	22.41	174.18	1000	Pass
80 MHz	CH1	21.13	129.72	1000	Pass
	CH23	21.94	156.31	1000	Pass
	CH45	22.04	159.96	1000	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
10 MHz	CH1	5.97	3.95	250	Pass
	CH45	17.20	52.54	250	Pass
	CH89	16.51	44.77	250	Pass
20 MHz	CH1	5.47	3.52	250	Pass
	CH40	17.25	53.07	250	Pass
	CH80	17.49	56.09	250	Pass
40 MHz	CH1	9.52	8.96	250	Pass
	CH31	17.17	52.14	250	Pass
	CH61	17.55	56.83	250	Pass
60 MHz	CH1	10.72	11.80	250	Pass
	CH22	16.85	48.42	250	Pass
	CH41	16.96	49.69	250	Pass
80 MHz	CH1	12.25	16.80	250	Pass
	CH11	15.69	37.08	250	Pass
	CH21	17.09	51.17	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
10 MHz	CH1	28.90	776.04	1000	Pass
	CH58	28.83	763.23	1000	Pass
	CH115	29.09	811.23	1000	Pass
20 MHz	CH1	29.05	802.89	1000	Pass
	CH53	29.03	800.10	1000	Pass
	CH105	28.97	789.17	1000	Pass
40 MHz	CH1	24.58	286.77	1000	Pass
	CH43	29.00	793.49	1000	Pass
	CH85	23.63	230.61	1000	Pass
60 MHz	CH1	25.33	341.28	1000	Pass
	CH33	25.43	349.30	1000	Pass
	CH65	25.40	346.37	1000	Pass
80 MHz	CH1	24.66	292.65	1000	Pass
	CH23	25.19	330.09	1000	Pass
	CH45	25.14	326.30	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ25A0801-603 Data Part 1.pdf”.

Note ²: All antenna were pre tested, but only the worst case has been reported in this report.

Test Data

ANT0

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
10 MHz	CH1	10.46	9.06
	CH45	10.46	8.97
	CH89	10.44	8.97
20 MHz	CH1	19.44	17.95
	CH40	19.40	17.83
	CH80	19.40	17.83
40 MHz	CH1	38.40	36.01
	CH31	38.40	35.89
	CH61	38.40	35.89
60 MHz	CH1	55.90	53.49
	CH22	55.90	53.31
	CH41	55.90	53.31
80 MHz	CH1	74.40	71.09
	CH11	74.20	70.85
	CH21	74.40	70.85

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
10 MHz	CH1	10.34	9.00
	CH58	10.34	9.00
	CH115	10.34	9.00
20 MHz	CH1	19.44	17.83
	CH53	19.40	17.83
	CH105	19.40	17.83
40 MHz	CH1	38.30	35.89
	CH43	38.50	35.89
	CH85	39.40	36.01
60 MHz	CH1	55.90	53.49
	CH33	55.90	53.31
	CH65	55.90	53.49
80 MHz	CH1	74.40	70.85
	CH23	74.20	70.85
	CH45	74.20	70.85

A.3 6 dB Bandwidth

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ25A0801-603 Data Part 2.pdf”.

Note ²: All antenna were pre tested, but only the worst case has been reported in this report.

Test Data

ANT0

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
10 MHz	CH1	9.10	500.00	Pass
	CH58	9.10	500.00	Pass
	CH115	9.10	500.00	Pass
20 MHz	CH1	18.15	500.00	Pass
	CH53	18.09	500.00	Pass
	CH105	18.09	500.00	Pass
40 MHz	CH1	36.20	500.00	Pass
	CH43	36.20	500.00	Pass
	CH85	36.20	500.00	Pass
60 MHz	CH1	53.90	500.00	Pass
	CH33	53.80	500.00	Pass
	CH65	53.90	500.00	Pass
80 MHz	CH1	70.40	500.00	Pass
	CH23	71.10	500.00	Pass
	CH45	71.20	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document "Annex No.: BL-SZ25A0801-603 Data Part 3.pdf".

Test Data

ANT0

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
10 MHz	CH1	-4.59	11.00	Pass
	CH45	4.83	11.00	Pass
	CH89	4.43	11.00	Pass
20 MHz	CH1	-8.09	11.00	Pass
	CH40	3.34	11.00	Pass
	CH80	3.36	11.00	Pass
40 MHz	CH1	-7.03	11.00	Pass
	CH31	0.33	11.00	Pass
	CH61	0.91	11.00	Pass
60 MHz	CH1	-7.50	11.00	Pass
	CH22	-1.64	11.00	Pass
	CH41	-1.61	11.00	Pass
80 MHz	CH1	-7.37	11.00	Pass
	CH11	-3.73	11.00	Pass
	CH21	-2.71	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	Verdict
10 MHz	CH1	13.82	30.00	Pass
	CH58	13.50	30.00	Pass
	CH115	13.17	30.00	Pass
20 MHz	CH1	11.29	30.00	Pass
	CH53	10.92	30.00	Pass
	CH105	10.33	30.00	Pass
40 MHz	CH1	4.07	30.00	Pass
	CH43	8.03	30.00	Pass
	CH85	2.30	30.00	Pass
60 MHz	CH1	2.66	30.00	Pass
	CH33	2.62	30.00	Pass
	CH65	2.12	30.00	Pass
80 MHz	CH1	1.22	30.00	Pass
	CH23	1.30	30.00	Pass
	CH45	1.08	30.00	Pass

ANT1

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
10 MHz	CH1	-5.30	11.00	Pass
	CH45	4.51	11.00	Pass
	CH89	4.66	11.00	Pass
20 MHz	CH1	-8.93	11.00	Pass
	CH40	2.95	11.00	Pass
	CH80	3.04	11.00	Pass
40 MHz	CH1	-7.42	11.00	Pass
	CH31	-0.04	11.00	Pass
	CH61	0.48	11.00	Pass
60 MHz	CH1	-7.78	11.00	Pass
	CH22	-1.33	11.00	Pass
	CH41	-1.41	11.00	Pass
80 MHz	CH1	-7.29	11.00	Pass
	CH11	-3.63	11.00	Pass
	CH21	-2.53	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	Verdict
10 MHz	CH1	11.48	30.00	Pass
	CH58	10.80	30.00	Pass
	CH115	10.73	30.00	Pass
20 MHz	CH1	8.70	30.00	Pass
	CH53	8.18	30.00	Pass
	CH105	7.67	30.00	Pass
40 MHz	CH1	1.36	30.00	Pass
	CH43	5.66	30.00	Pass
	CH85	-0.28	30.00	Pass
60 MHz	CH1	0.72	30.00	Pass
	CH33	0.38	30.00	Pass
	CH65	0.14	30.00	Pass
80 MHz	CH1	-1.61	30.00	Pass
	CH23	-1.14	30.00	Pass
	CH45	-1.25	30.00	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
10 MHz	CH1	-1.92	11.00	Pass
	CH45	7.68	11.00	Pass
	CH89	7.56	11.00	Pass
20 MHz	CH1	-5.48	11.00	Pass
	CH40	6.16	11.00	Pass
	CH80	6.21	11.00	Pass
40 MHz	CH1	-4.21	11.00	Pass
	CH31	3.16	11.00	Pass
	CH61	3.71	11.00	Pass
60 MHz	CH1	-4.62	11.00	Pass
	CH22	1.53	11.00	Pass
	CH41	1.50	11.00	Pass
80 MHz	CH1	-4.32	11.00	Pass
	CH11	-0.67	11.00	Pass
	CH21	0.39	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	Verdict
10 MHz	CH1	15.81	30.00	Pass
	CH58	15.37	30.00	Pass
	CH115	15.13	30.00	Pass
20 MHz	CH1	13.20	30.00	Pass
	CH53	12.77	30.00	Pass
	CH105	12.21	30.00	Pass
40 MHz	CH1	5.93	30.00	Pass
	CH43	10.01	30.00	Pass
	CH85	4.21	30.00	Pass
60 MHz	CH1	4.81	30.00	Pass
	CH33	4.65	30.00	Pass
	CH65	4.25	30.00	Pass
80 MHz	CH1	3.04	30.00	Pass
	CH23	3.26	30.00	Pass
	CH45	3.08	30.00	Pass

E.I.R.PANT0

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	E.I.R.P PSD (dBm/MHz)	E.I.R.P Limit (dBm/MHz)	Verdict
10 MHz	CH1	-2.59	10.00	Pass
	CH45	6.83	10.00	Pass
	CH89	6.43	10.00	Pass
20 MHz	CH1	-6.09	10.00	Pass
	CH40	5.34	10.00	Pass
	CH80	5.36	10.00	Pass
40 MHz	CH1	-5.03	10.00	Pass
	CH31	2.33	10.00	Pass
	CH61	2.91	10.00	Pass
60 MHz	CH1	-5.50	10.00	Pass
	CH22	0.36	10.00	Pass
	CH41	0.39	10.00	Pass
80 MHz	CH1	-5.37	10.00	Pass
	CH11	-1.73	10.00	Pass
	CH21	-0.71	10.00	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/500kHz)	Verdict
10 MHz	CH1	16.32	Pass
	CH58	16.00	Pass
	CH115	15.67	Pass
20 MHz	CH1	13.79	Pass
	CH53	13.42	Pass
	CH105	12.83	Pass
40 MHz	CH1	6.57	Pass
	CH43	10.53	Pass
	CH85	4.80	Pass
60 MHz	CH1	5.16	Pass
	CH33	5.12	Pass
	CH65	4.62	Pass
80 MHz	CH1	3.72	Pass
	CH23	3.80	Pass
	CH45	3.58	Pass

ANT1

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	E.I.R.P PSD (dBm/MHz)	E.I.R.P Limit (dBm/MHz)	Verdict
10 MHz	CH1	-3.30	10.00	Pass
	CH45	6.51	10.00	Pass
	CH89	6.66	10.00	Pass
20 MHz	CH1	-6.93	10.00	Pass
	CH40	4.95	10.00	Pass
	CH80	5.04	10.00	Pass
40 MHz	CH1	-5.42	10.00	Pass
	CH31	1.96	10.00	Pass
	CH61	2.48	10.00	Pass
60 MHz	CH1	-5.78	10.00	Pass
	CH22	0.67	10.00	Pass
	CH41	0.59	10.00	Pass
80 MHz	CH1	-5.29	10.00	Pass
	CH11	-1.63	10.00	Pass
	CH21	-0.53	10.00	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/500kHz)	Verdict
10 MHz	CH1	13.98	Pass
	CH58	13.30	Pass
	CH115	13.23	Pass
20 MHz	CH1	11.20	Pass
	CH53	10.68	Pass
	CH105	10.17	Pass
40 MHz	CH1	3.86	Pass
	CH43	8.16	Pass
	CH85	2.22	Pass
60 MHz	CH1	3.22	Pass
	CH33	2.88	Pass
	CH65	2.64	Pass
80 MHz	CH1	0.89	Pass
	CH23	1.36	Pass
	CH45	1.25	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	E.I.R.P PSD (dBm/MHz)	E.I.R.P Limit (dBm/MHz)	Verdict
10 MHz	CH1	0.08	10.00	Pass
	CH45	9.68	10.00	Pass
	CH89	9.56	10.00	Pass
20 MHz	CH1	-3.48	10.00	Pass
	CH40	8.16	10.00	Pass
	CH80	8.21	10.00	Pass
40 MHz	CH1	-2.21	10.00	Pass
	CH31	5.16	10.00	Pass
	CH61	5.71	10.00	Pass
60 MHz	CH1	-2.62	10.00	Pass
	CH22	3.53	10.00	Pass
	CH41	3.50	10.00	Pass
80 MHz	CH1	-2.32	10.00	Pass
	CH11	1.33	10.00	Pass
	CH21	2.39	10.00	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/500kHz)	Verdict
10 MHz	CH1	18.31	Pass
	CH58	17.87	Pass
	CH115	17.63	Pass
20 MHz	CH1	15.70	Pass
	CH53	15.27	Pass
	CH105	14.71	Pass
40 MHz	CH1	8.43	Pass
	CH43	12.51	Pass
	CH85	6.71	Pass
60 MHz	CH1	7.31	Pass
	CH33	7.15	Pass
	CH65	6.75	Pass
80 MHz	CH1	5.54	Pass
	CH23	5.76	Pass
	CH45	5.58	Pass

A.5 Conducted Emissions

Note: Not applicable.

A.6 Radiated Spurious Emissions and Band Edge (Restricted-band)

Note ¹: The symbol of "--" in the table which means not application.

Note ²: For the test data above 1 GHz, According the ANSI C63.10, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

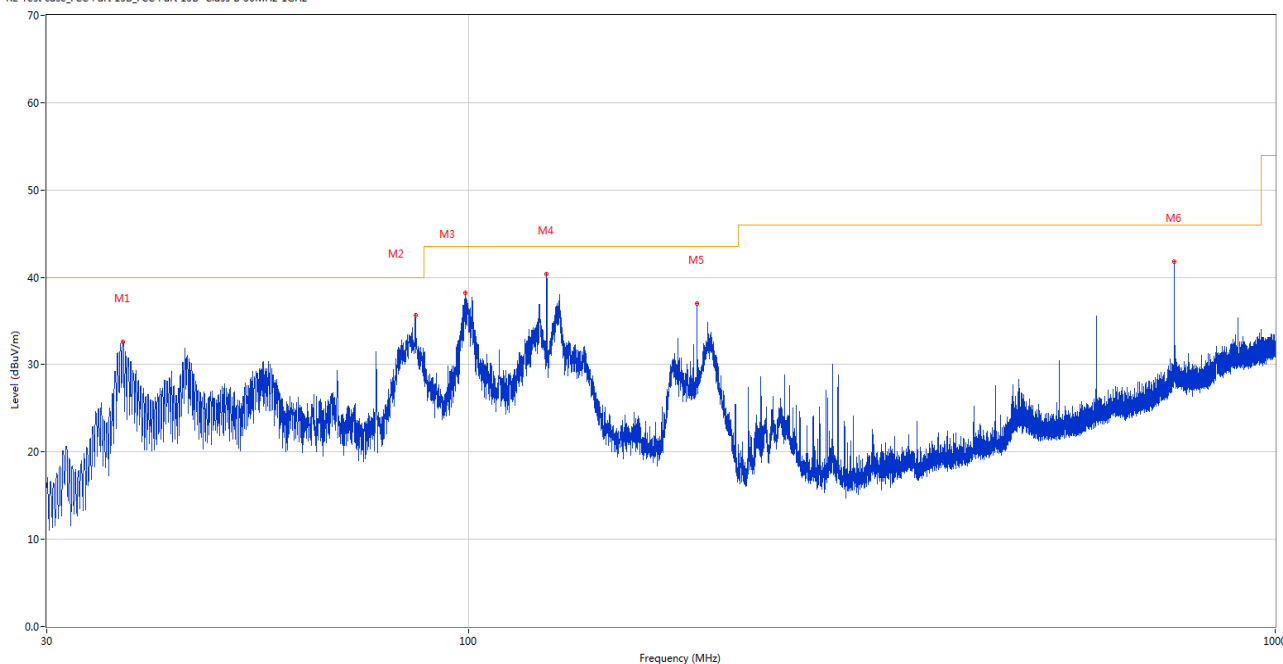
Note ³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note ⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst. Note ⁵: For Multiple transmitter output, the quantity $10 \log(NANT)$ dB is added to each spectrum value before comparing to the emission limit. When testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding $10 \log(NANT)$ if the measurements are made relative to the in-band emissions on the individual outputs.

Test Data and Plots

30 MHz to 1 GHz, ANT H

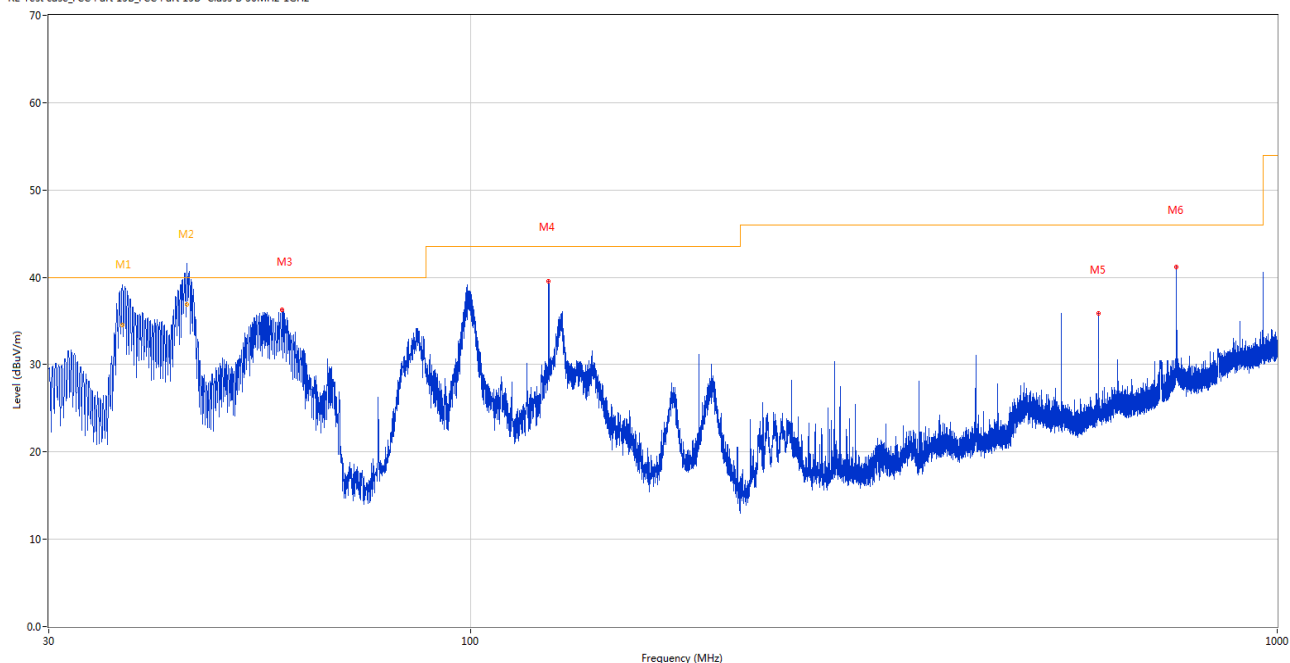
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	37.275	32.56	-26.71	40.0	7.44	Peak	137.10	200	Horizontal	Pass
2	85.969	35.71	-29.03	40.0	4.29	Peak	260.20	200	Horizontal	Pass
3	99.064	38.17	-25.53	43.5	5.33	Peak	224.70	200	Horizontal	Pass
4	125.011	40.36	-27.76	43.5	3.14	Peak	255.00	100	Horizontal	Pass
5	191.990	36.97	-24.91	43.5	6.53	Peak	269.20	100	Horizontal	Pass
6	749.982	41.80	-8.94	46.0	4.20	Peak	135.20	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	36.984	39.15	-26.77	40.0	0.85	Peak	233.10	100	Vertical	N/A
1*	36.984	34.51	-26.77	40.0	5.49	QP	233.10	100	Vertical	Pass
2	44.502	41.27	-24.55	40.0	-1.27	Peak	226.00	100	Vertical	N/A
2*	44.502	36.93	-24.55	40.0	3.07	QP	226.00	100	Vertical	Pass
3	58.421	36.26	-24.84	40.0	3.74	Peak	226.00	100	Vertical	Pass
4	125.011	39.56	-27.76	43.5	3.94	Peak	32.80	200	Vertical	Pass
5	600.020	35.85	-12.55	46.0	10.15	Peak	4.40	200	Vertical	Pass
6	749.982	40.22	-8.94	46.0	5.78	Peak	75.90	200	Vertical	Pass

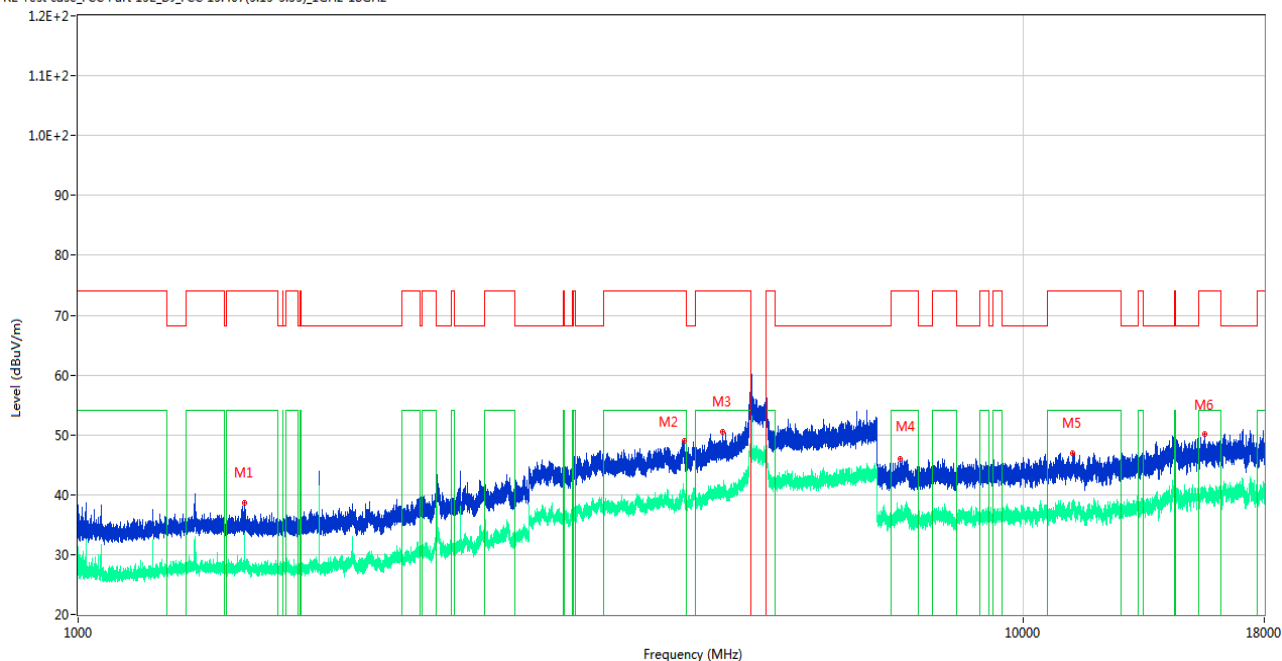
Note ¹: The spurious above 18G is noise only, do not show on the report.

Note ²: All antenna were pre tested, but only the worst case has been reported in this report.

MIMO

10 MHz, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

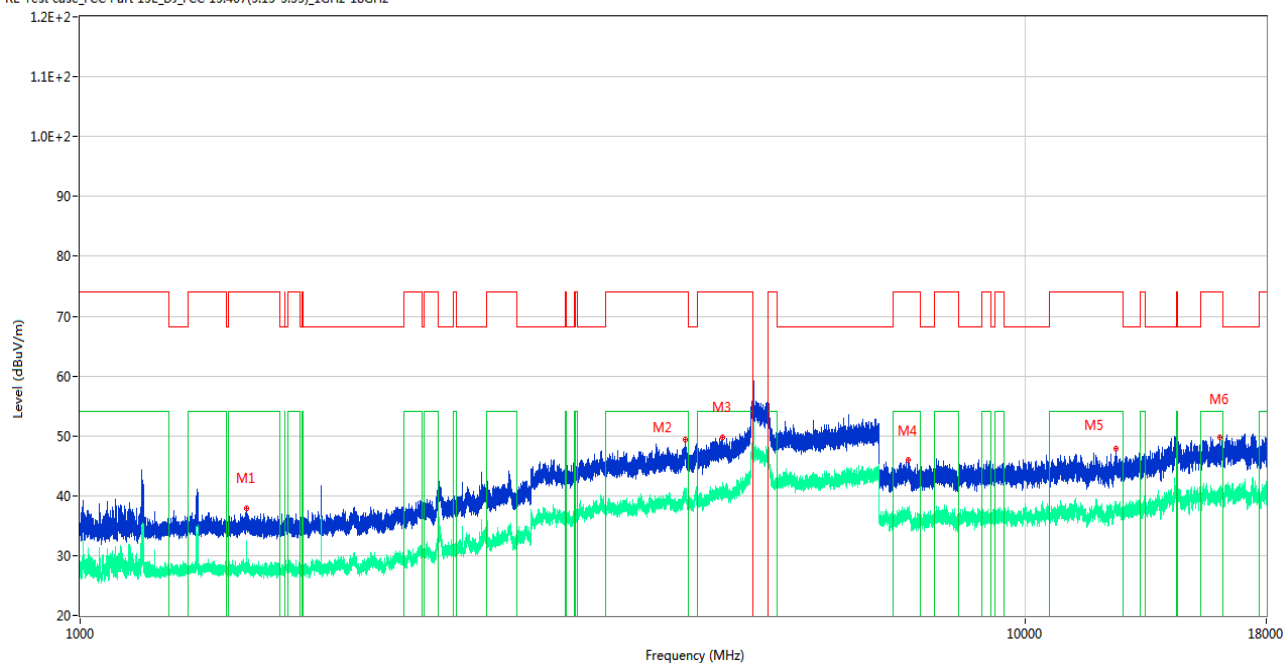
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	38.68	74.0	35.32	Peak	297.00	300	Horizontal	Pass
1**	1500.100	32.59	54.0	21.41	AV	297.00	300	Horizontal	Pass
2	4378.000	49.09	74.0	24.91	Peak	350.00	200	Horizontal	Pass
2**	4378.000	40.64	54.0	13.36	AV	350.00	200	Horizontal	Pass
3	4814.200	50.57	74.0	23.43	Peak	0.00	150	Horizontal	Pass
3**	4814.200	40.29	54.0	13.71	AV	0.00	150	Horizontal	Pass
4	7410.838	45.97	74.0	28.03	Peak	213.00	300	Horizontal	Pass
4**	7410.838	35.54	54.0	18.46	AV	213.00	300	Horizontal	Pass
5	11287.200	47.02	74.0	26.98	Peak	336.00	100	Horizontal	Pass
5**	11287.200	37.75	54.0	16.25	AV	336.00	100	Horizontal	Pass
6	15581.062	50.11	74.0	23.89	Peak	55.00	400	Horizontal	Pass
6**	15581.062	40.28	54.0	13.72	AV	55.00	400	Horizontal	Pass

10 MHz, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

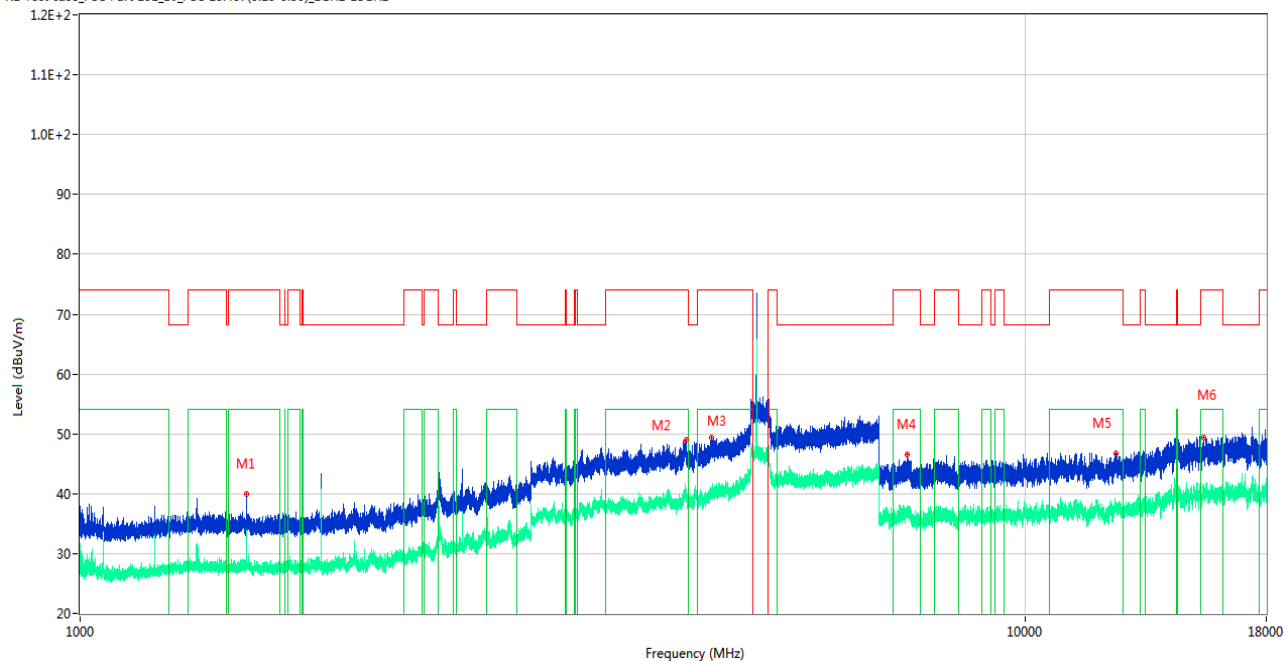
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	37.88	74.0	36.12	Peak	2.00	100	Vertical	Pass
1**	1500.000	31.35	54.0	22.65	AV	2.00	100	Vertical	Pass
2	4366.600	49.30	74.0	24.70	Peak	0.00	300	Vertical	Pass
2**	4366.600	40.15	54.0	13.85	AV	0.00	300	Vertical	Pass
3	4787.800	49.73	74.0	24.27	Peak	192.00	150	Vertical	Pass
3**	4787.800	40.01	54.0	13.99	AV	192.00	150	Vertical	Pass
4	7527.563	45.94	74.0	28.06	Peak	360.00	400	Vertical	Pass
4**	7527.563	37.14	54.0	16.86	AV	360.00	400	Vertical	Pass
5	12486.075	47.87	74.0	26.13	Peak	89.00	150	Vertical	Pass
5**	12486.075	38.49	54.0	15.51	AV	89.00	150	Vertical	Pass
6	16074.299	49.71	74.0	24.29	Peak	191.00	150	Vertical	Pass
6**	16074.299	39.95	54.0	14.05	AV	191.00	150	Vertical	Pass

10 MHz, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

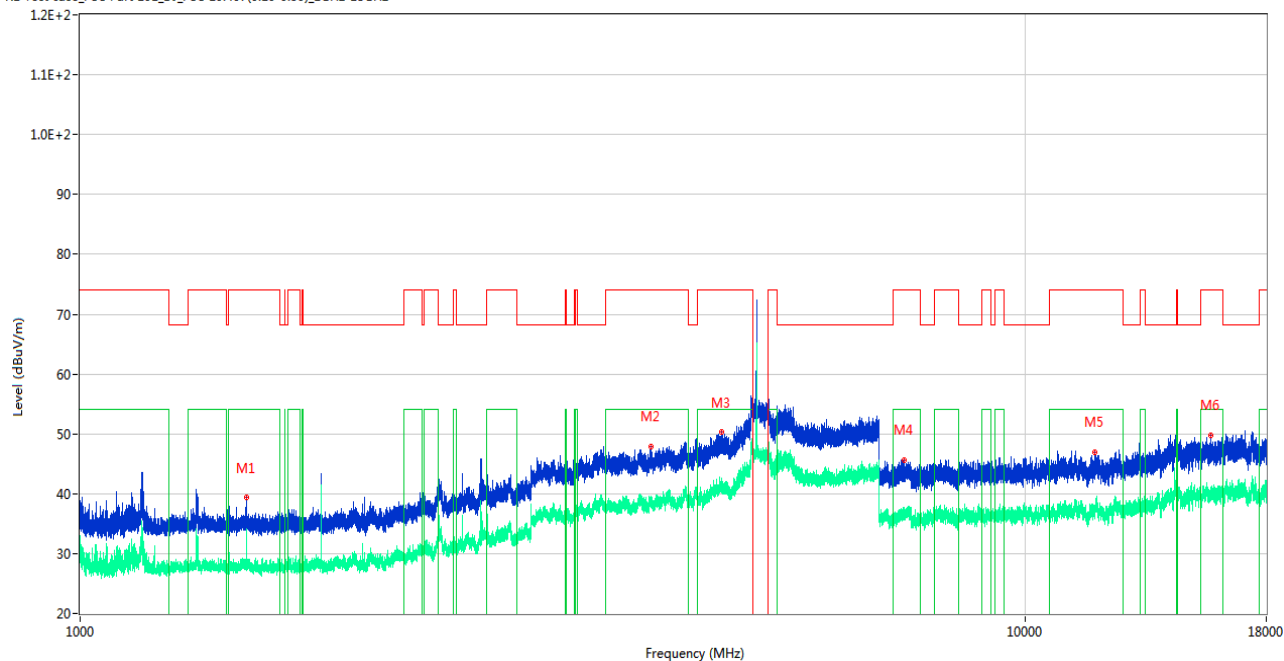
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.200	39.98	74.0	34.02	Peak	332.00	200	Horizontal	Pass
1**	1500.200	32.97	54.0	21.03	AV	332.00	200	Horizontal	Pass
2	4378.600	49.06	74.0	24.94	Peak	360.00	100	Horizontal	Pass
2**	4378.600	40.04	54.0	13.96	AV	360.00	100	Horizontal	Pass
3	4663.200	49.30	74.0	24.70	Peak	238.00	150	Horizontal	Pass
3**	4663.200	40.59	54.0	13.41	AV	238.00	150	Horizontal	Pass
4	7506.575	46.56	74.0	27.44	Peak	110.00	100	Horizontal	Pass
4**	7506.575	36.78	54.0	17.22	AV	110.00	100	Horizontal	Pass
5	12468.825	46.82	74.0	27.18	Peak	36.00	100	Horizontal	Pass
5**	12468.825	37.74	54.0	16.26	AV	36.00	100	Horizontal	Pass
6	15440.362	49.44	74.0	24.56	Peak	275.00	400	Horizontal	Pass
6**	15440.362	39.72	54.0	14.28	AV	275.00	400	Horizontal	Pass

10 MHz, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

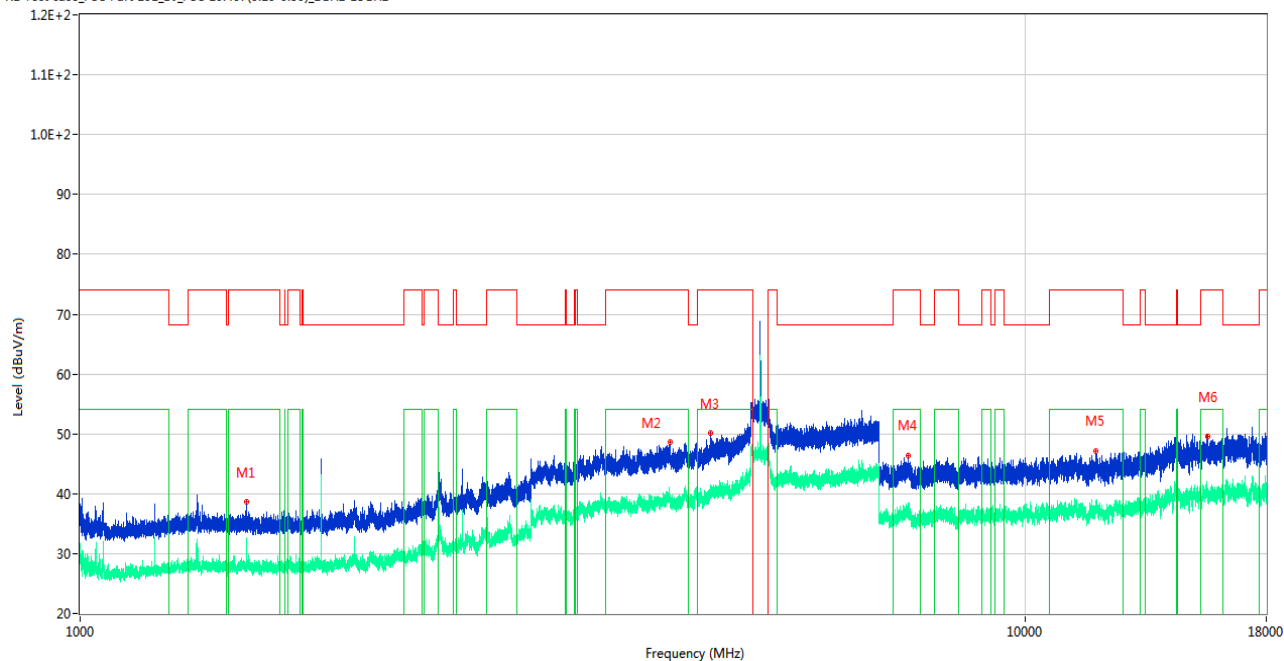
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	39.34	74.0	34.66	Peak	308.00	200	Vertical	Pass
1**	1500.100	33.47	54.0	20.53	AV	308.00	200	Vertical	Pass
2	4016.600	47.78	74.0	26.22	Peak	192.00	150	Vertical	Pass
2**	4016.600	39.32	54.0	14.68	AV	192.00	150	Vertical	Pass
3	4770.800	50.34	74.0	23.66	Peak	97.00	150	Vertical	Pass
3**	4770.800	40.98	54.0	13.02	AV	97.00	150	Vertical	Pass
4	7443.900	45.64	74.0	28.36	Peak	0.00	400	Vertical	Pass
4**	7443.900	37.50	54.0	16.50	AV	0.00	400	Vertical	Pass
5	11854.437	47.01	74.0	26.99	Peak	136.00	150	Vertical	Pass
5**	11854.437	37.33	54.0	16.67	AV	136.00	150	Vertical	Pass
6	15734.625	49.83	74.0	24.17	Peak	248.00	200	Vertical	Pass
6**	15734.625	40.24	54.0	13.76	AV	248.00	200	Vertical	Pass

10 MHz, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

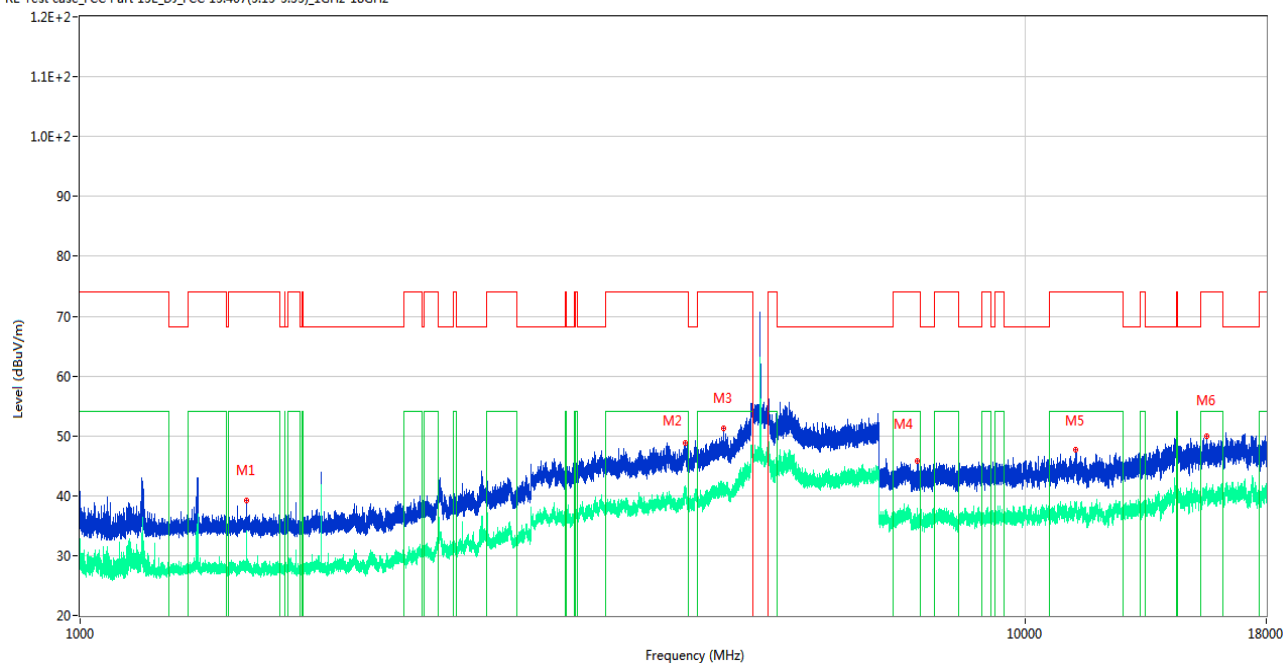
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.700	38.56	74.0	35.44	Peak	349.00	300	Horizontal	Pass
1**	1499.700	30.95	54.0	23.05	AV	349.00	300	Horizontal	Pass
2	4206.600	48.63	74.0	25.37	Peak	16.00	200	Horizontal	Pass
2**	4206.600	39.20	54.0	14.80	AV	16.00	200	Horizontal	Pass
3	4650.800	50.04	74.0	23.96	Peak	316.00	150	Horizontal	Pass
3**	4650.800	39.35	54.0	14.65	AV	316.00	150	Horizontal	Pass
4	7529.000	46.41	74.0	27.59	Peak	62.00	100	Horizontal	Pass
4**	7529.000	36.87	54.0	17.13	AV	62.00	100	Horizontal	Pass
5	11886.063	47.14	74.0	26.86	Peak	335.00	150	Horizontal	Pass
5**	11886.063	38.11	54.0	15.89	AV	335.00	150	Horizontal	Pass
6	15622.275	49.49	74.0	24.51	Peak	26.00	100	Horizontal	Pass
6**	15622.275	39.15	54.0	14.85	AV	26.00	100	Horizontal	Pass

10 MHz, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

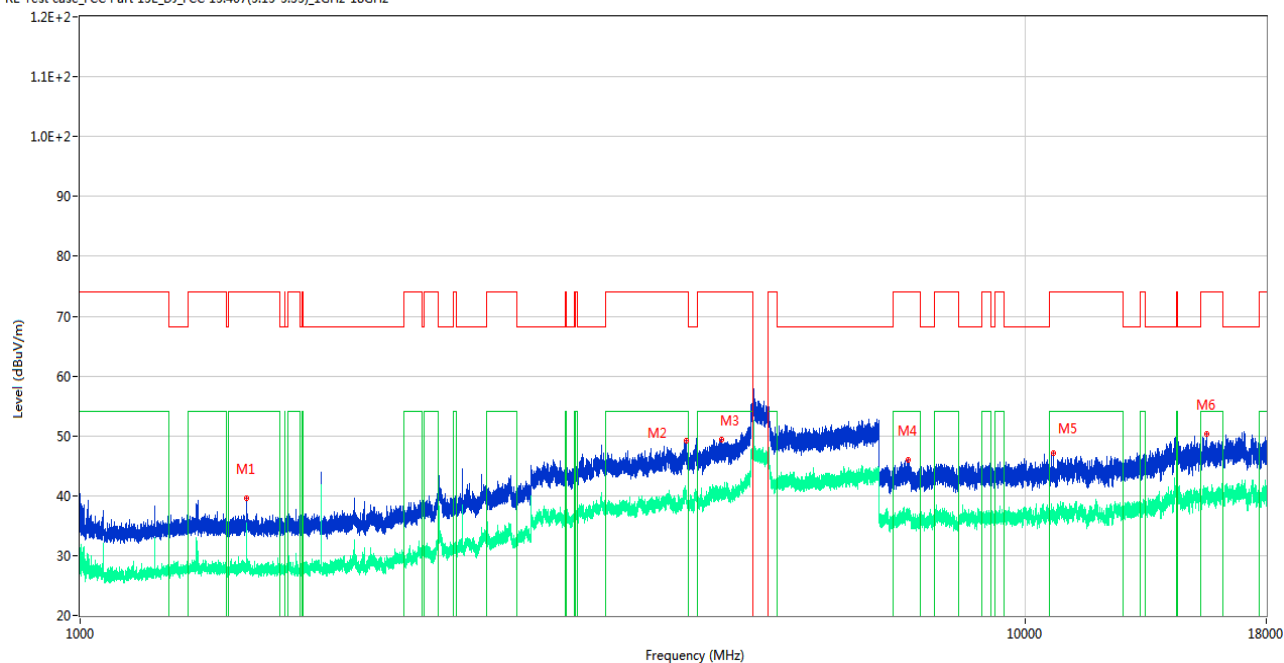
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.800	39.23	74.0	34.77	Peak	308.00	400	Vertical	Pass
1**	1499.800	32.09	54.0	21.91	AV	308.00	400	Vertical	Pass
2	4365.000	48.82	74.0	25.18	Peak	236.00	100	Vertical	Pass
2**	4365.000	41.08	54.0	12.92	AV	236.00	100	Vertical	Pass
3	4792.000	51.17	74.0	22.83	Peak	126.00	150	Vertical	Pass
3**	4792.000	40.67	54.0	13.33	AV	126.00	150	Vertical	Pass
4	7686.263	45.73	74.0	28.27	Peak	135.00	300	Vertical	Pass
4**	7686.263	37.74	54.0	16.26	AV	135.00	300	Vertical	Pass
5	11309.625	47.62	74.0	26.38	Peak	209.00	100	Vertical	Pass
5**	11309.625	37.51	54.0	16.49	AV	209.00	100	Vertical	Pass
6	15566.099	49.88	74.0	24.12	Peak	274.00	300	Vertical	Pass
6**	15566.099	39.97	54.0	14.03	AV	274.00	300	Vertical	Pass

20 MHz, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

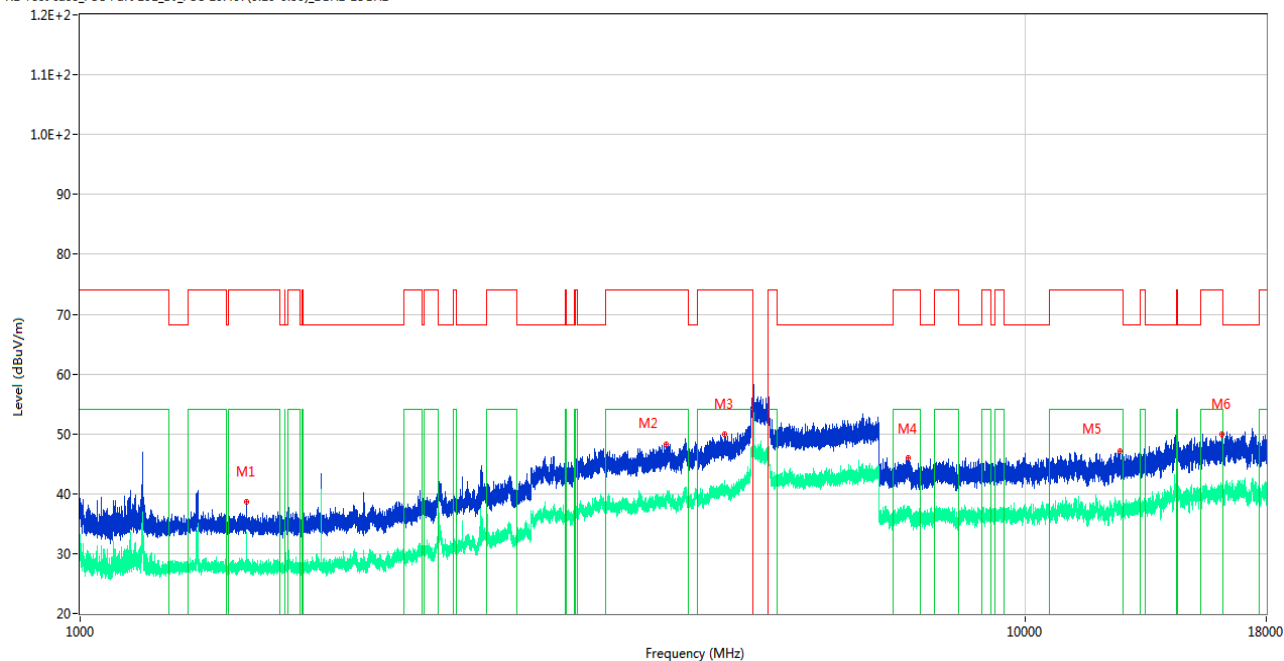
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	39.49	74.0	34.51	Peak	333.00	200	Horizontal	Pass
1**	1500.100	33.83	54.0	20.17	AV	333.00	200	Horizontal	Pass
2	4377.000	49.13	74.0	24.87	Peak	360.00	300	Horizontal	Pass
2**	4377.000	39.82	54.0	14.18	AV	360.00	300	Horizontal	Pass
3	4779.000	49.42	74.0	24.58	Peak	271.00	150	Horizontal	Pass
3**	4779.000	39.92	54.0	14.08	AV	271.00	150	Horizontal	Pass
4	7528.425	45.91	74.0	28.09	Peak	186.00	300	Horizontal	Pass
4**	7528.425	37.07	54.0	16.93	AV	186.00	300	Horizontal	Pass
5	10715.076	47.19	74.0	26.81	Peak	161.00	150	Horizontal	Pass
5**	10715.076	37.44	54.0	16.56	AV	161.00	150	Horizontal	Pass
6	15578.174	50.25	74.0	23.75	Peak	164.00	300	Horizontal	Pass
6**	15578.174	40.93	54.0	13.07	AV	164.00	300	Horizontal	Pass

20 MHz, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

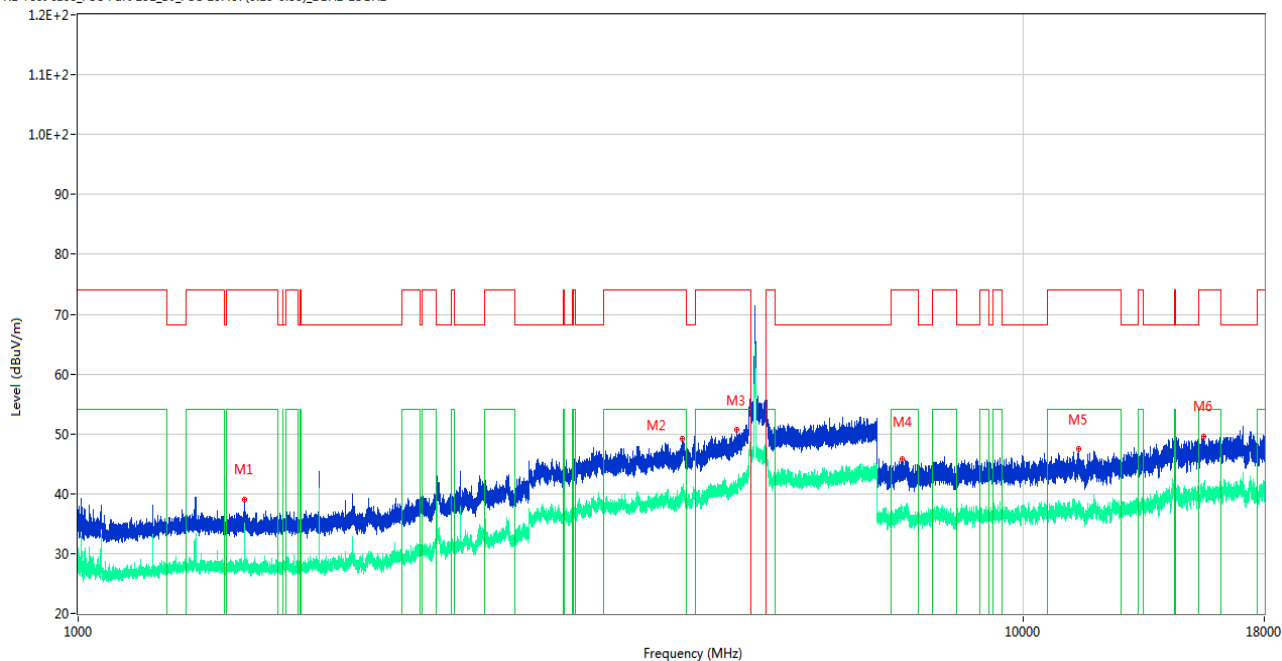
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.200	38.64	74.0	35.36	Peak	307.00	200	Vertical	Pass
1**	1500.200	33.60	54.0	20.40	AV	307.00	200	Vertical	Pass
2	4171.200	48.24	74.0	25.76	Peak	360.00	150	Vertical	Pass
2**	4171.200	38.96	54.0	15.04	AV	360.00	150	Vertical	Pass
3	4805.600	50.03	74.0	23.97	Peak	158.00	150	Vertical	Pass
3**	4805.600	39.66	54.0	14.34	AV	158.00	150	Vertical	Pass
4	7529.000	45.96	74.0	28.04	Peak	0.00	400	Vertical	Pass
4**	7529.000	37.42	54.0	16.58	AV	0.00	400	Vertical	Pass
5	12601.362	47.13	74.0	26.87	Peak	36.00	150	Vertical	Pass
5**	12601.362	38.30	54.0	15.70	AV	36.00	150	Vertical	Pass
6	16142.812	50.03	74.0	23.97	Peak	0.00	300	Vertical	Pass
6**	16142.812	40.78	54.0	13.22	AV	0.00	300	Vertical	Pass

20 MHz, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

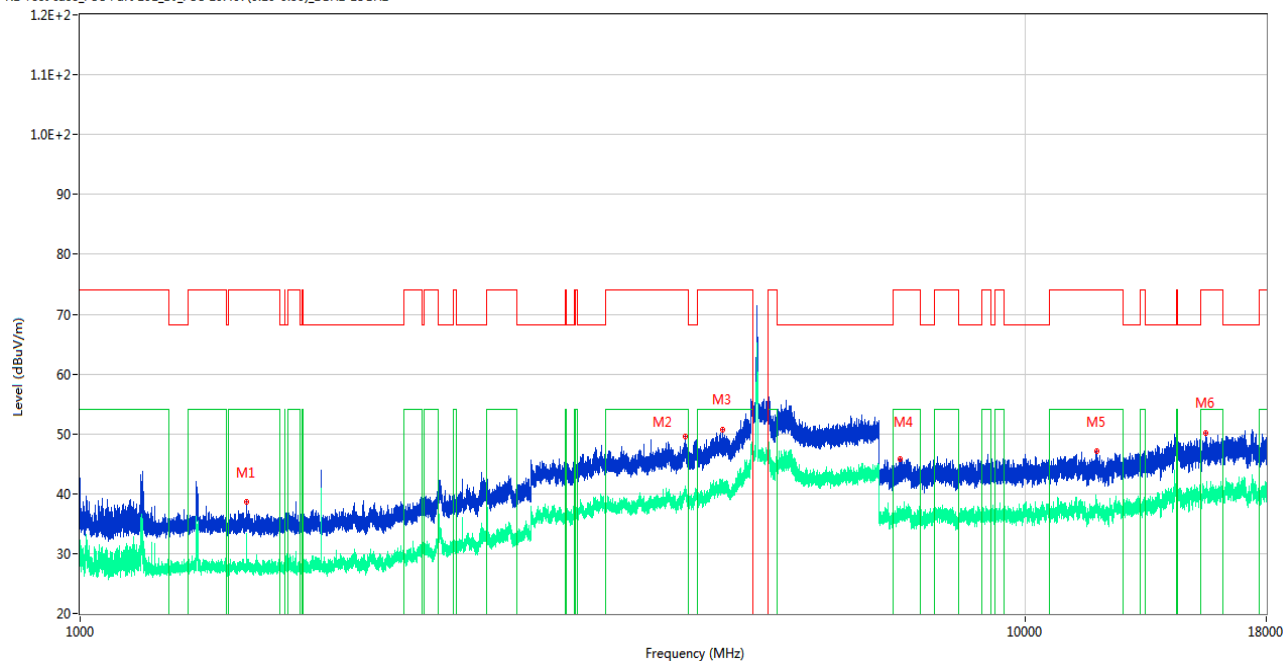
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	39.07	74.0	34.93	Peak	332.00	300	Horizontal	Pass
1**	1500.100	34.21	54.0	19.79	AV	332.00	300	Horizontal	Pass
2	4360.000	49.11	74.0	24.89	Peak	157.00	100	Horizontal	Pass
2**	4360.000	39.99	54.0	14.01	AV	157.00	100	Horizontal	Pass
3	4974.400	50.68	74.0	23.32	Peak	360.00	150	Horizontal	Pass
3**	4974.400	40.03	54.0	13.97	AV	360.00	150	Horizontal	Pass
4	7445.625	45.74	74.0	28.26	Peak	171.00	300	Horizontal	Pass
4**	7445.625	36.98	54.0	17.02	AV	171.00	300	Horizontal	Pass
5	11451.650	47.42	74.0	26.58	Peak	147.00	150	Horizontal	Pass
5**	11451.650	37.25	54.0	16.75	AV	147.00	150	Horizontal	Pass
6	15548.250	49.56	74.0	24.44	Peak	306.00	200	Horizontal	Pass
6**	15548.250	39.57	54.0	14.43	AV	306.00	200	Horizontal	Pass

20 MHz, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

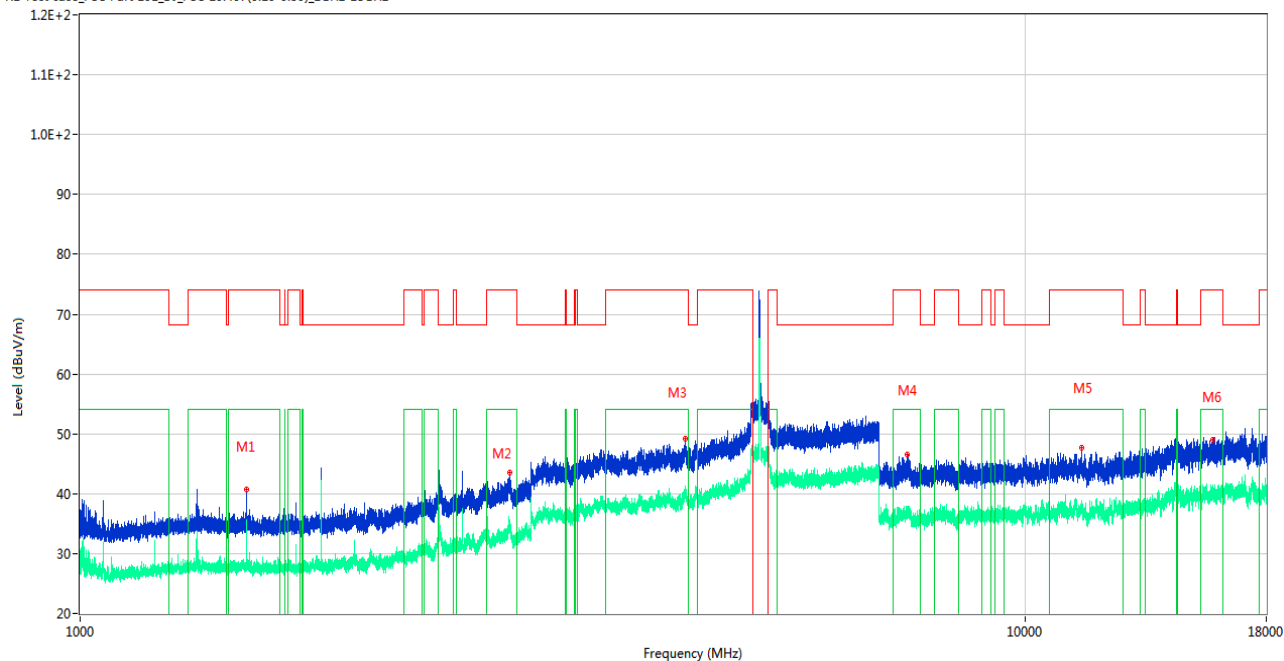
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.500	38.57	74.0	35.43	Peak	299.00	300	Vertical	Pass
1**	1500.500	31.33	54.0	22.67	AV	299.00	300	Vertical	Pass
2	4364.800	49.63	74.0	24.37	Peak	15.00	300	Vertical	Pass
2**	4364.800	39.97	54.0	14.03	AV	15.00	300	Vertical	Pass
3	4789.000	50.75	74.0	23.25	Peak	143.00	150	Vertical	Pass
3**	4789.000	40.99	54.0	13.01	AV	143.00	150	Vertical	Pass
4	7381.800	45.80	74.0	28.20	Peak	335.00	200	Vertical	Pass
4**	7381.800	36.19	54.0	17.81	AV	335.00	200	Vertical	Pass
5	11900.438	47.04	74.0	26.96	Peak	308.00	100	Vertical	Pass
5**	11900.438	37.83	54.0	16.17	AV	308.00	100	Vertical	Pass
6	15535.388	50.14	74.0	23.86	Peak	83.00	400	Vertical	Pass
6**	15535.388	39.79	54.0	14.21	AV	83.00	400	Vertical	Pass

20 MHz, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

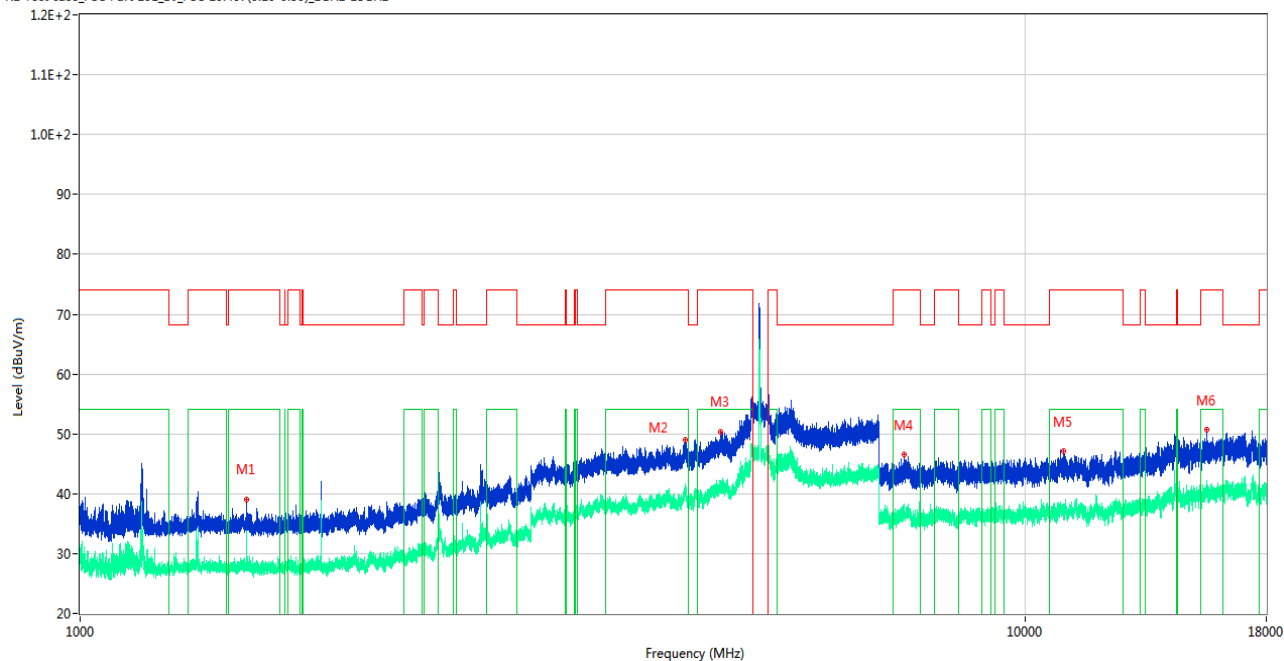
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.200	40.70	74.0	33.30	Peak	323.00	400	Horizontal	Pass
1**	1500.200	34.97	54.0	19.03	AV	323.00	400	Horizontal	Pass
2	2846.700	43.53	74.0	30.47	Peak	360.00	150	Horizontal	Pass
2**	2846.700	35.38	54.0	18.62	AV	360.00	150	Horizontal	Pass
3	4365.400	49.22	74.0	24.78	Peak	315.00	400	Horizontal	Pass
3**	4365.400	40.22	54.0	13.78	AV	315.00	400	Horizontal	Pass
4	7501.112	46.49	74.0	27.51	Peak	311.00	100	Horizontal	Pass
4**	7501.112	37.26	54.0	16.74	AV	311.00	100	Horizontal	Pass
5	11476.375	47.62	74.0	26.38	Peak	285.00	150	Horizontal	Pass
5**	11476.375	37.29	54.0	16.71	AV	285.00	150	Horizontal	Pass
6	15796.575	48.96	74.0	25.04	Peak	54.00	100	Horizontal	Pass
6**	15796.575	39.83	54.0	14.17	AV	54.00	100	Horizontal	Pass

20 MHz, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

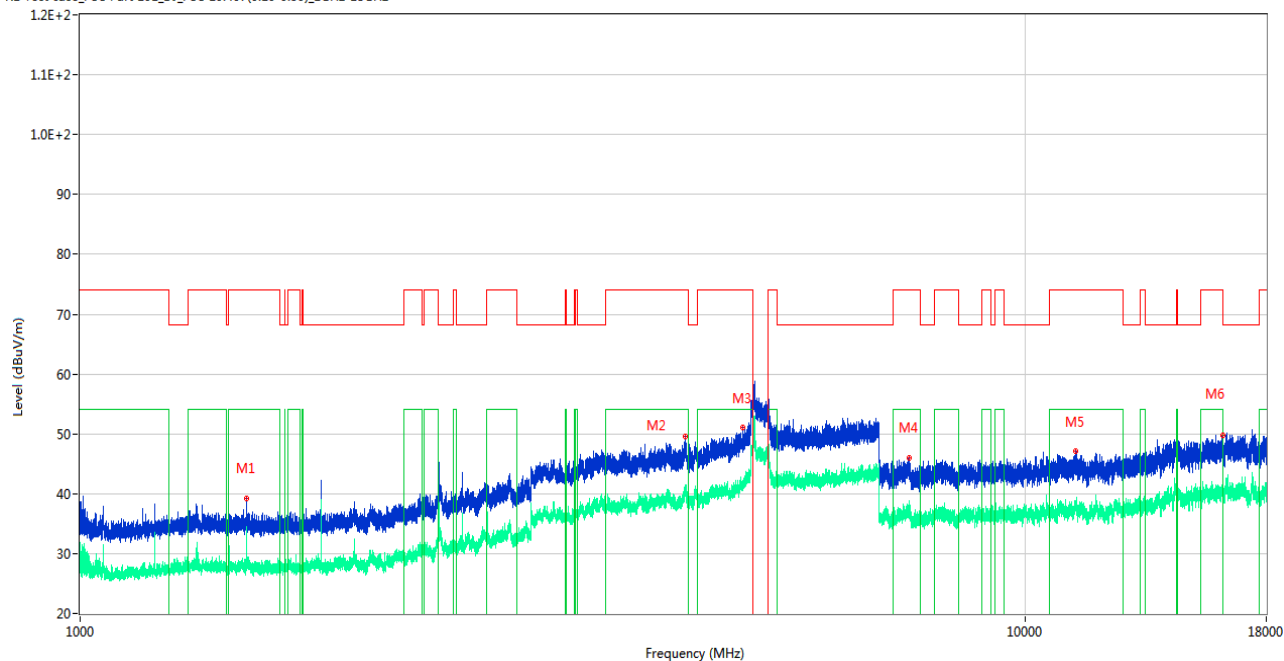
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.200	39.11	74.0	34.89	Peak	25.00	100	Vertical	Pass
1**	1500.200	33.75	54.0	20.25	AV	25.00	100	Vertical	Pass
2	4373.000	49.07	74.0	24.93	Peak	0.00	200	Vertical	Pass
2**	4373.000	40.20	54.0	13.80	AV	0.00	200	Vertical	Pass
3	4767.600	50.31	74.0	23.69	Peak	187.00	150	Vertical	Pass
3**	4767.600	41.26	54.0	12.74	AV	187.00	150	Vertical	Pass
4	7444.475	46.47	74.0	27.53	Peak	231.00	100	Vertical	Pass
4**	7444.475	36.81	54.0	17.19	AV	231.00	100	Vertical	Pass
5	10971.525	47.09	74.0	26.91	Peak	29.00	150	Vertical	Pass
5**	10971.525	37.75	54.0	16.25	AV	29.00	150	Vertical	Pass
6	15574.237	50.61	74.0	23.39	Peak	0.00	400	Vertical	Pass
6**	15574.237	40.08	54.0	13.92	AV	0.00	400	Vertical	Pass

40 MHz, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

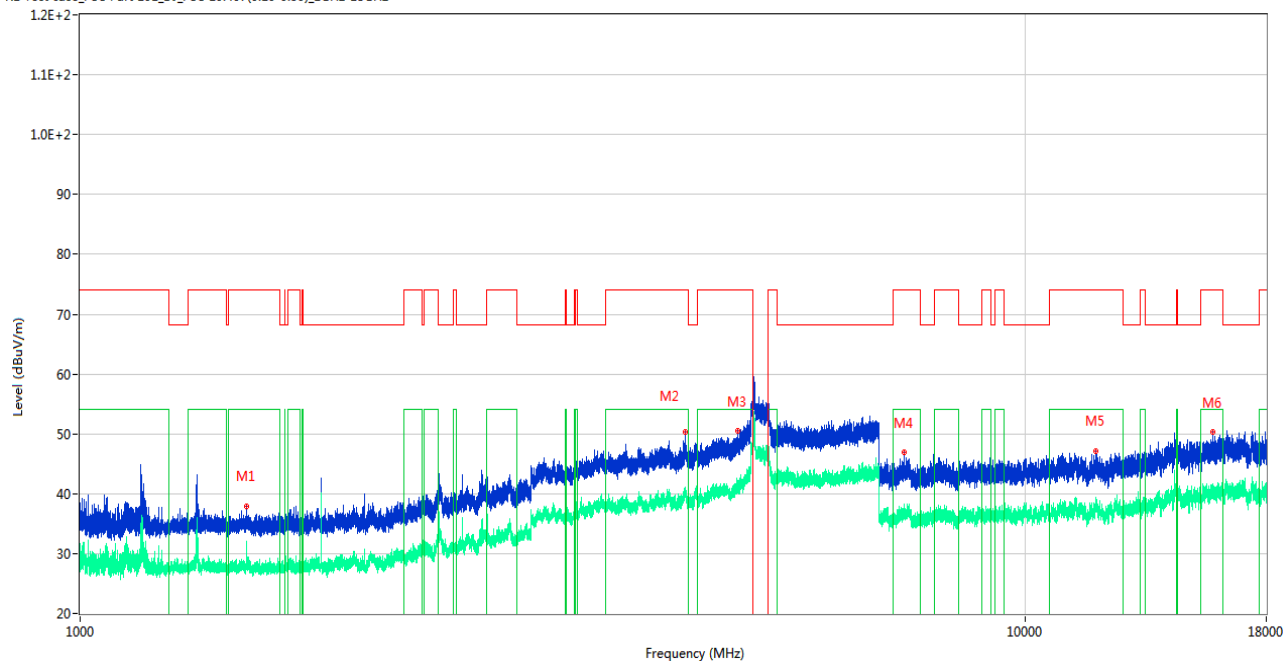
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	39.21	74.0	34.79	Peak	316.00	100	Horizontal	Pass
1**	1500.100	33.46	54.0	20.54	AV	316.00	100	Horizontal	Pass
2	4368.000	49.65	74.0	24.35	Peak	235.00	200	Horizontal	Pass
2**	4368.000	40.45	54.0	13.55	AV	235.00	200	Horizontal	Pass
3	5031.800	51.01	74.0	22.99	Peak	347.00	150	Horizontal	Pass
3**	5031.800	42.01	54.0	11.99	AV	347.00	150	Horizontal	Pass
4	7533.313	46.01	74.0	27.99	Peak	162.00	300	Horizontal	Pass
4**	7533.313	37.16	54.0	16.84	AV	162.00	300	Horizontal	Pass
5	11313.937	47.10	74.0	26.90	Peak	210.00	100	Horizontal	Pass
5**	11313.937	38.44	54.0	15.56	AV	210.00	100	Horizontal	Pass
6	16178.775	49.66	74.0	24.34	Peak	360.00	100	Horizontal	Pass
6**	16178.775	40.42	54.0	13.58	AV	360.00	100	Horizontal	Pass

40 MHz, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

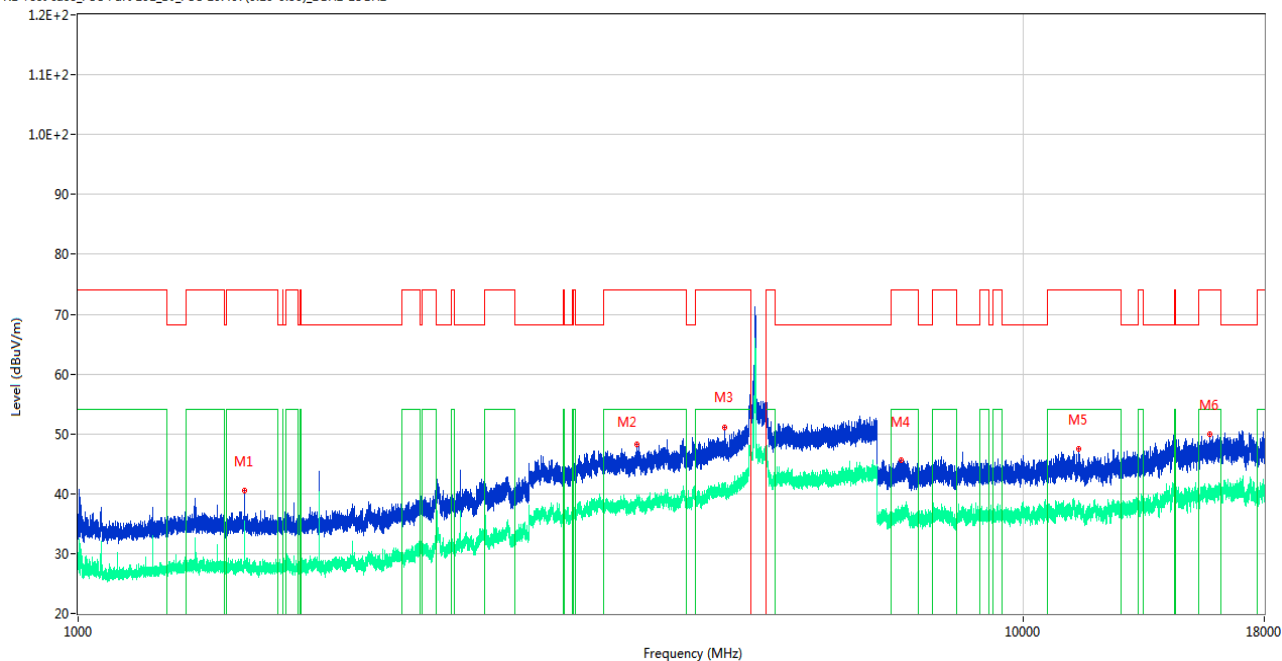
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.700	37.92	74.0	36.08	Peak	42.00	400	Vertical	Pass
1**	1500.700	28.96	54.0	25.04	AV	42.00	400	Vertical	Pass
2	4367.600	50.37	74.0	23.63	Peak	360.00	300	Vertical	Pass
2**	4367.600	40.99	54.0	13.01	AV	360.00	300	Vertical	Pass
3	4959.800	50.44	74.0	23.56	Peak	47.00	150	Vertical	Pass
3**	4959.800	41.74	54.0	12.26	AV	47.00	150	Vertical	Pass
4	7444.763	46.87	74.0	27.13	Peak	283.00	200	Vertical	Pass
4**	7444.763	38.31	54.0	15.69	AV	283.00	200	Vertical	Pass
5	11894.688	47.11	74.0	26.89	Peak	335.00	150	Vertical	Pass
5**	11894.688	37.84	54.0	16.16	AV	335.00	150	Vertical	Pass
6	15806.550	50.23	74.0	23.77	Peak	0.00	400	Vertical	Pass
6**	15806.550	40.43	54.0	13.57	AV	0.00	400	Vertical	Pass

40 MHz, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

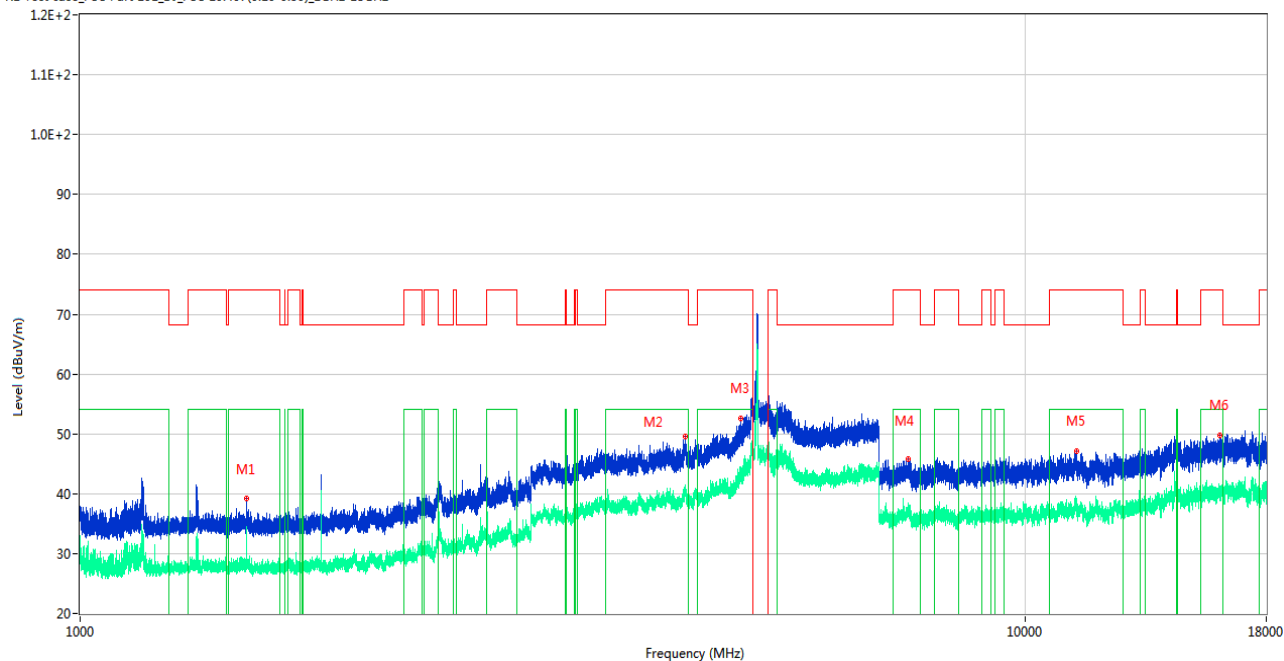
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.200	40.43	74.0	33.57	Peak	331.00	200	Horizontal	Pass
1**	1500.200	34.53	54.0	19.47	AV	331.00	200	Horizontal	Pass
2	3898.600	48.16	74.0	25.84	Peak	334.00	150	Horizontal	Pass
2**	3898.600	38.42	54.0	15.58	AV	334.00	150	Horizontal	Pass
3	4833.600	51.08	74.0	22.92	Peak	286.00	150	Horizontal	Pass
3**	4833.600	40.99	54.0	13.01	AV	286.00	150	Horizontal	Pass
4	7425.500	45.56	74.0	28.44	Peak	114.00	300	Horizontal	Pass
4**	7425.500	36.46	54.0	17.54	AV	114.00	300	Horizontal	Pass
5	11441.875	47.46	74.0	26.54	Peak	213.00	100	Horizontal	Pass
5**	11441.875	37.33	54.0	16.67	AV	213.00	100	Horizontal	Pass
6	15756.675	49.93	74.0	24.07	Peak	330.00	300	Horizontal	Pass
6**	15756.675	39.78	54.0	14.22	AV	330.00	300	Horizontal	Pass

40 MHz, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

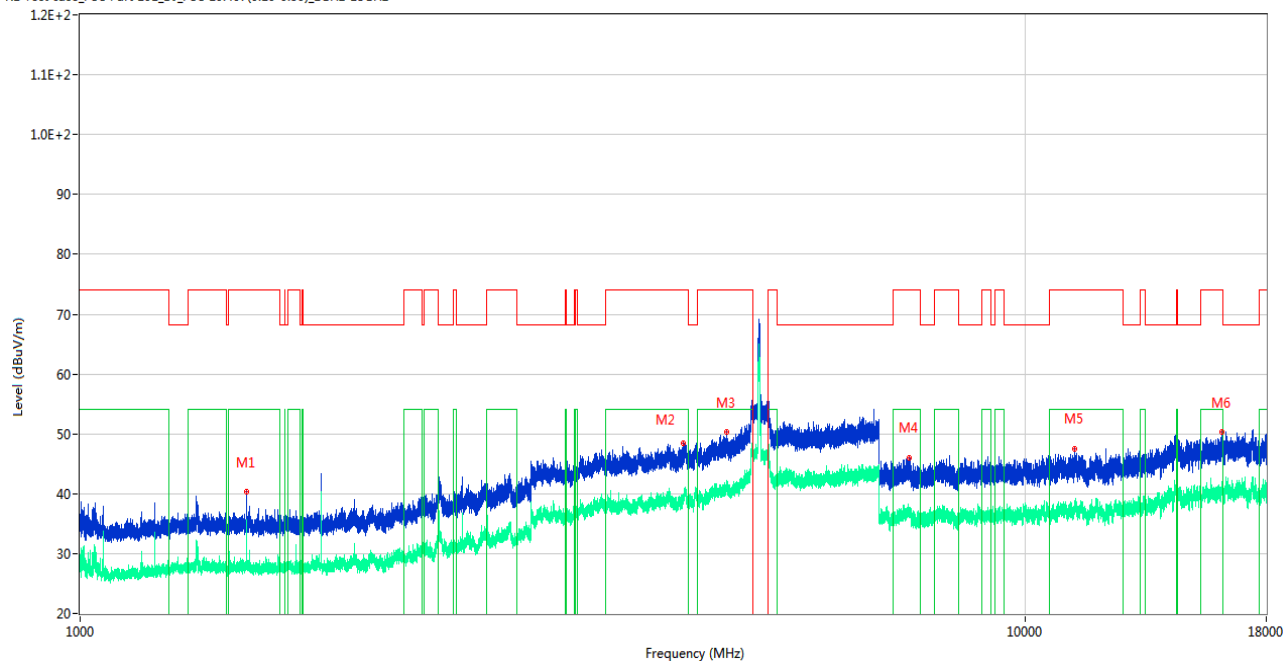
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.300	39.18	74.0	34.82	Peak	307.00	400	Vertical	Pass
1**	1500.300	33.60	54.0	20.40	AV	307.00	400	Vertical	Pass
2	4366.400	49.62	74.0	24.38	Peak	111.00	300	Vertical	Pass
2**	4366.400	40.77	54.0	13.23	AV	111.00	300	Vertical	Pass
3	4999.600	52.66	74.0	21.34	Peak	95.00	150	Vertical	Pass
3**	4999.600	44.18	54.0	9.82	AV	95.00	150	Vertical	Pass
4	7515.200	45.81	74.0	28.19	Peak	61.00	100	Vertical	Pass
4**	7515.200	37.19	54.0	16.81	AV	61.00	100	Vertical	Pass
5	11326.300	47.16	74.0	26.84	Peak	284.00	100	Vertical	Pass
5**	11326.300	38.44	54.0	15.56	AV	284.00	100	Vertical	Pass
6	16064.062	49.76	74.0	24.24	Peak	194.00	300	Vertical	Pass
6**	16064.062	40.40	54.0	13.60	AV	194.00	300	Vertical	Pass

40 MHz, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

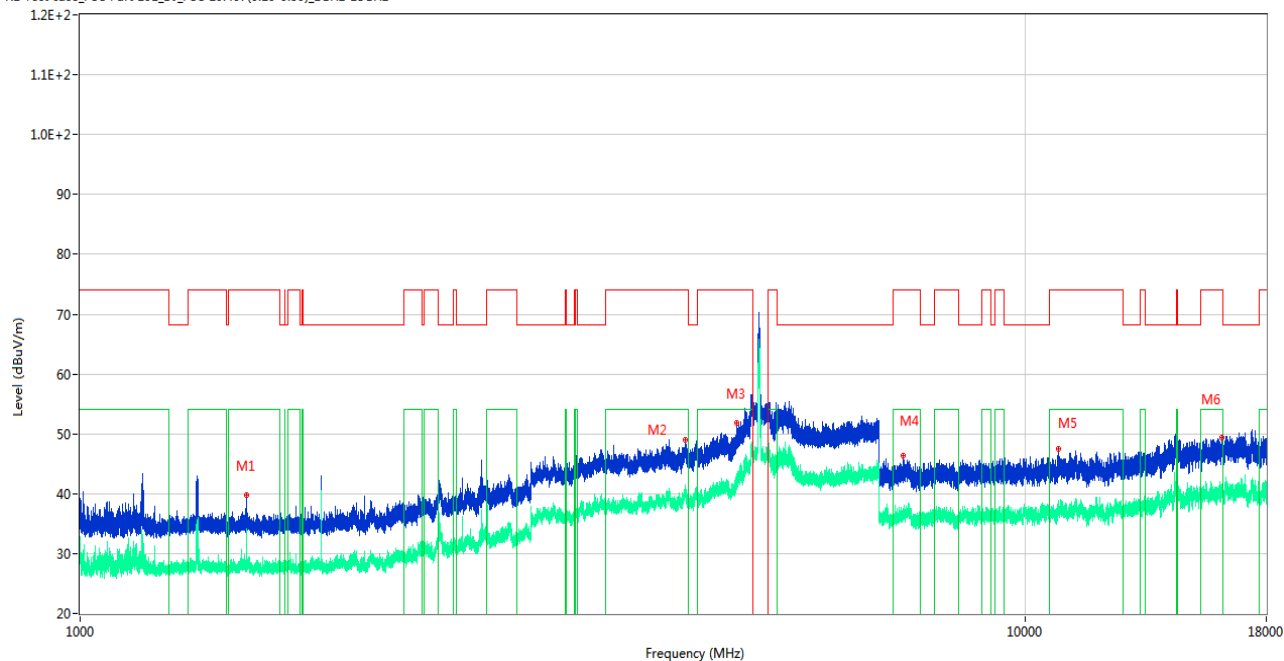
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.900	40.29	74.0	33.71	Peak	331.00	300	Horizontal	Pass
1**	1499.900	35.56	54.0	18.44	AV	331.00	300	Horizontal	Pass
2	4347.800	48.51	74.0	25.49	Peak	142.00	400	Horizontal	Pass
2**	4347.800	39.29	54.0	14.71	AV	142.00	400	Horizontal	Pass
3	4838.400	50.30	74.0	23.70	Peak	319.00	150	Horizontal	Pass
3**	4838.400	40.77	54.0	13.23	AV	319.00	150	Horizontal	Pass
4	7533.313	46.02	74.0	27.98	Peak	336.00	400	Horizontal	Pass
4**	7533.313	37.31	54.0	16.69	AV	336.00	400	Horizontal	Pass
5	11278.576	47.59	74.0	26.41	Peak	212.00	150	Horizontal	Pass
5**	11278.576	37.40	54.0	16.60	AV	212.00	150	Horizontal	Pass
6	16146.224	50.26	74.0	23.74	Peak	0.00	300	Horizontal	Pass
6**	16146.224	39.71	54.0	14.29	AV	0.00	300	Horizontal	Pass

40 MHz, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

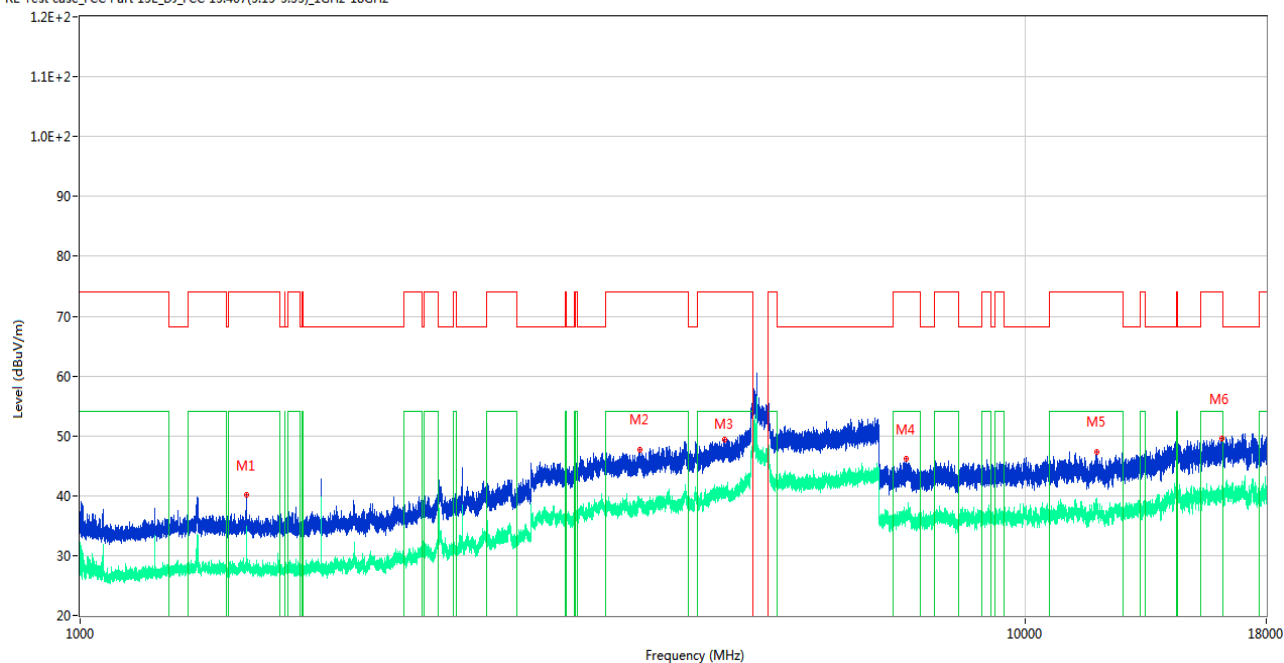
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.400	39.72	74.0	34.28	Peak	305.00	300	Vertical	Pass
1**	1500.400	34.14	54.0	19.86	AV	305.00	300	Vertical	Pass
2	4371.600	49.07	74.0	24.93	Peak	0.00	200	Vertical	Pass
2**	4371.600	40.62	54.0	13.38	AV	0.00	200	Vertical	Pass
3	4956.400	51.79	74.0	22.21	Peak	88.00	150	Vertical	Pass
3**	4956.400	42.11	54.0	11.89	AV	88.00	150	Vertical	Pass
4	7437.575	46.33	74.0	27.67	Peak	286.00	400	Vertical	Pass
4**	7437.575	36.16	54.0	17.84	AV	286.00	400	Vertical	Pass
5	10838.412	47.42	74.0	26.58	Peak	0.00	100	Vertical	Pass
5**	10838.412	38.14	54.0	15.86	AV	0.00	100	Vertical	Pass
6	16147.800	49.43	74.0	24.57	Peak	360.00	400	Vertical	Pass
6**	16147.800	39.62	54.0	14.38	AV	360.00	400	Vertical	Pass

60 MHz, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

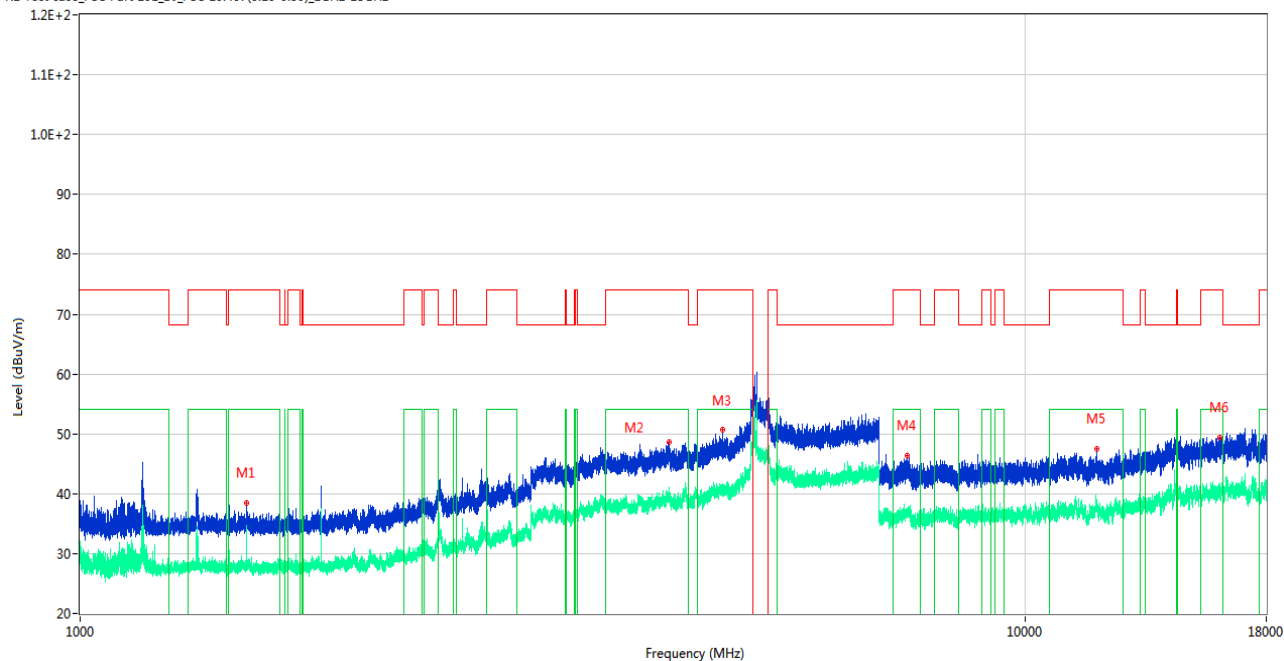
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.200	40.10	74.0	33.90	Peak	313.00	200	Horizontal	Pass
1**	1500.200	33.81	54.0	20.19	AV	313.00	200	Horizontal	Pass
2	3910.200	47.77	74.0	26.23	Peak	0.00	150	Horizontal	Pass
2**	3910.200	38.08	54.0	15.92	AV	0.00	150	Horizontal	Pass
3	4806.800	49.43	74.0	24.57	Peak	352.00	150	Horizontal	Pass
3**	4806.800	39.95	54.0	14.05	AV	352.00	150	Horizontal	Pass
4	7478.112	46.13	74.0	27.87	Peak	11.00	100	Horizontal	Pass
4**	7478.112	37.53	54.0	16.47	AV	11.00	100	Horizontal	Pass
5	11907.625	47.31	74.0	26.69	Peak	285.00	150	Horizontal	Pass
5**	11907.625	37.80	54.0	16.20	AV	285.00	150	Horizontal	Pass
6	16140.713	49.52	74.0	24.48	Peak	277.00	400	Horizontal	Pass
6**	16140.713	39.79	54.0	14.21	AV	277.00	400	Horizontal	Pass

60 MHz, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

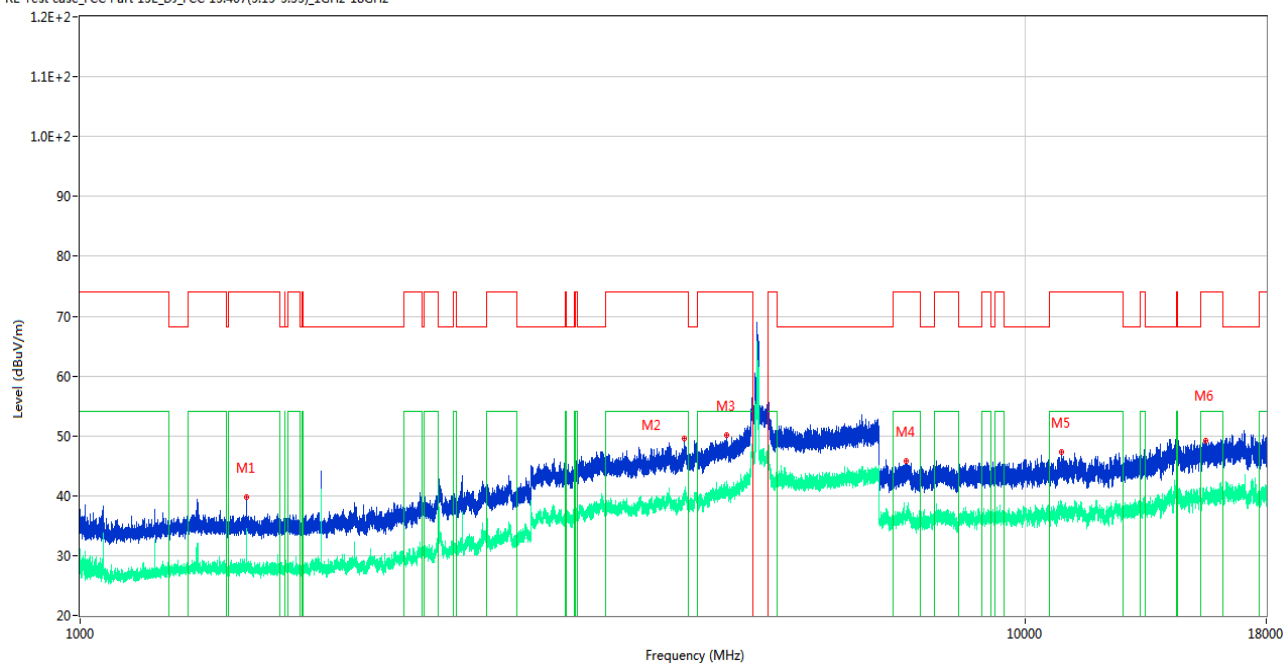
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	38.50	74.0	35.50	Peak	316.00	100	Vertical	Pass
1**	1500.000	33.37	54.0	20.63	AV	316.00	100	Vertical	Pass
2	4201.200	48.53	74.0	25.47	Peak	79.00	100	Vertical	Pass
2**	4201.200	39.54	54.0	14.46	AV	79.00	100	Vertical	Pass
3	4785.200	50.75	74.0	23.25	Peak	0.00	150	Vertical	Pass
3**	4785.200	40.64	54.0	13.36	AV	0.00	150	Vertical	Pass
4	7508.588	46.37	74.0	27.63	Peak	360.00	100	Vertical	Pass
4**	7508.588	36.91	54.0	17.09	AV	360.00	100	Vertical	Pass
5	11901.013	47.51	74.0	26.49	Peak	262.00	200	Vertical	Pass
5**	11901.013	38.47	54.0	15.53	AV	262.00	200	Vertical	Pass
6	16084.537	49.42	74.0	24.58	Peak	137.00	300	Vertical	Pass
6**	16084.537	39.20	54.0	14.80	AV	137.00	300	Vertical	Pass

60 MHz, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

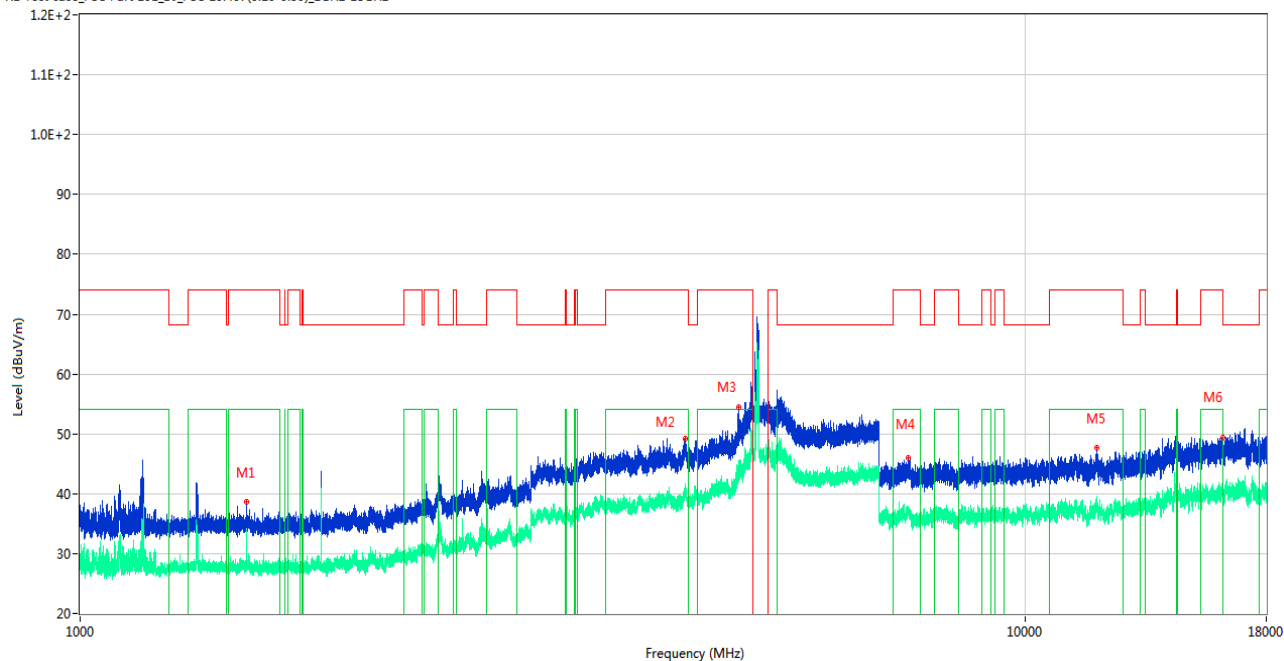
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.400	39.74	74.0	34.26	Peak	322.00	400	Horizontal	Pass
1**	1500.400	34.53	54.0	19.47	AV	322.00	400	Horizontal	Pass
2	4364.200	49.48	74.0	24.52	Peak	31.00	300	Horizontal	Pass
2**	4364.200	40.26	54.0	13.74	AV	31.00	300	Horizontal	Pass
3	4828.800	50.04	74.0	23.96	Peak	46.00	150	Horizontal	Pass
3**	4828.800	41.43	54.0	12.57	AV	46.00	150	Horizontal	Pass
4	7484.438	45.76	74.0	28.24	Peak	115.00	400	Horizontal	Pass
4**	7484.438	37.42	54.0	16.58	AV	115.00	400	Horizontal	Pass
5	10921.213	47.22	74.0	26.78	Peak	165.00	200	Horizontal	Pass
5**	10921.213	36.97	54.0	17.03	AV	165.00	200	Horizontal	Pass
6	15514.125	49.22	74.0	24.78	Peak	196.00	100	Horizontal	Pass
6**	15514.125	39.89	54.0	14.11	AV	196.00	100	Horizontal	Pass

60 MHz, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

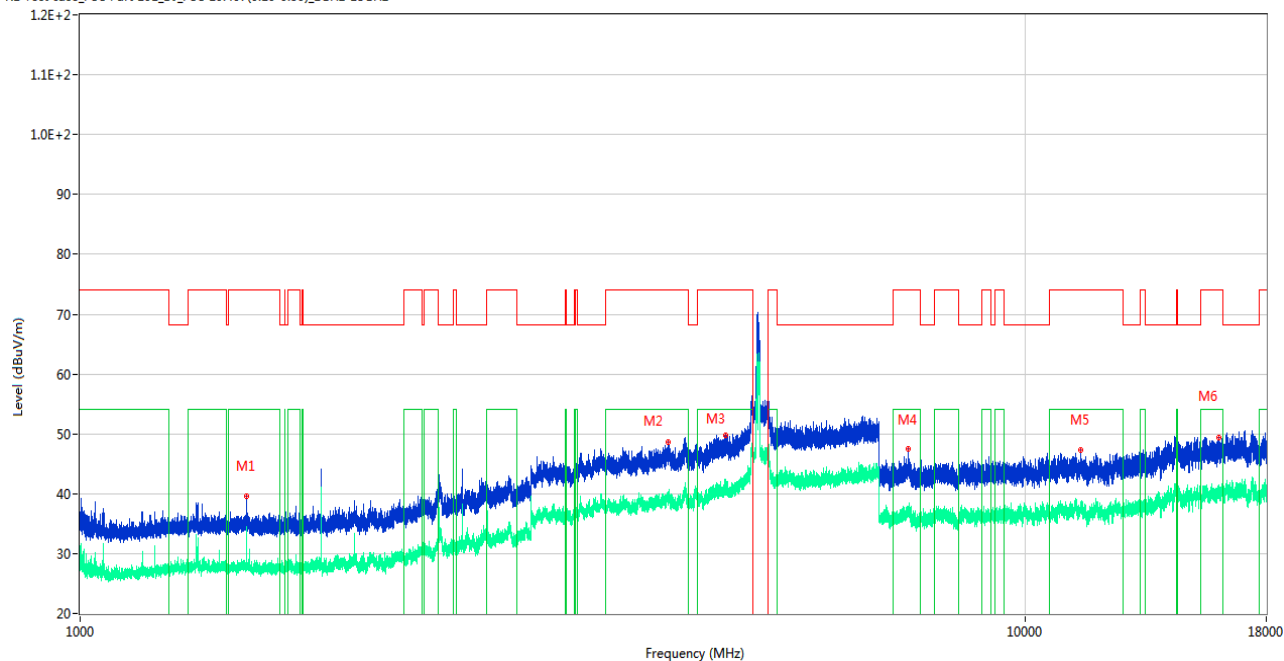
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.800	38.59	74.0	35.41	Peak	315.00	100	Vertical	Pass
1**	1499.800	32.96	54.0	21.04	AV	315.00	100	Vertical	Pass
2	4367.000	49.24	74.0	24.76	Peak	221.00	300	Vertical	Pass
2**	4367.000	40.83	54.0	13.17	AV	221.00	300	Vertical	Pass
3	4982.400	54.41	74.0	19.59	Peak	141.00	150	Vertical	Pass
3**	4982.400	43.07	54.0	10.93	AV	141.00	150	Vertical	Pass
4	7515.487	45.90	74.0	28.10	Peak	12.00	400	Vertical	Pass
4**	7515.487	36.31	54.0	17.69	AV	12.00	400	Vertical	Pass
5	11913.662	47.66	74.0	26.34	Peak	287.00	100	Vertical	Pass
5**	11913.662	37.46	54.0	16.54	AV	287.00	100	Vertical	Pass
6	16175.362	49.46	74.0	24.54	Peak	279.00	300	Vertical	Pass
6**	16175.362	39.85	54.0	14.15	AV	279.00	300	Vertical	Pass

60 MHz, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

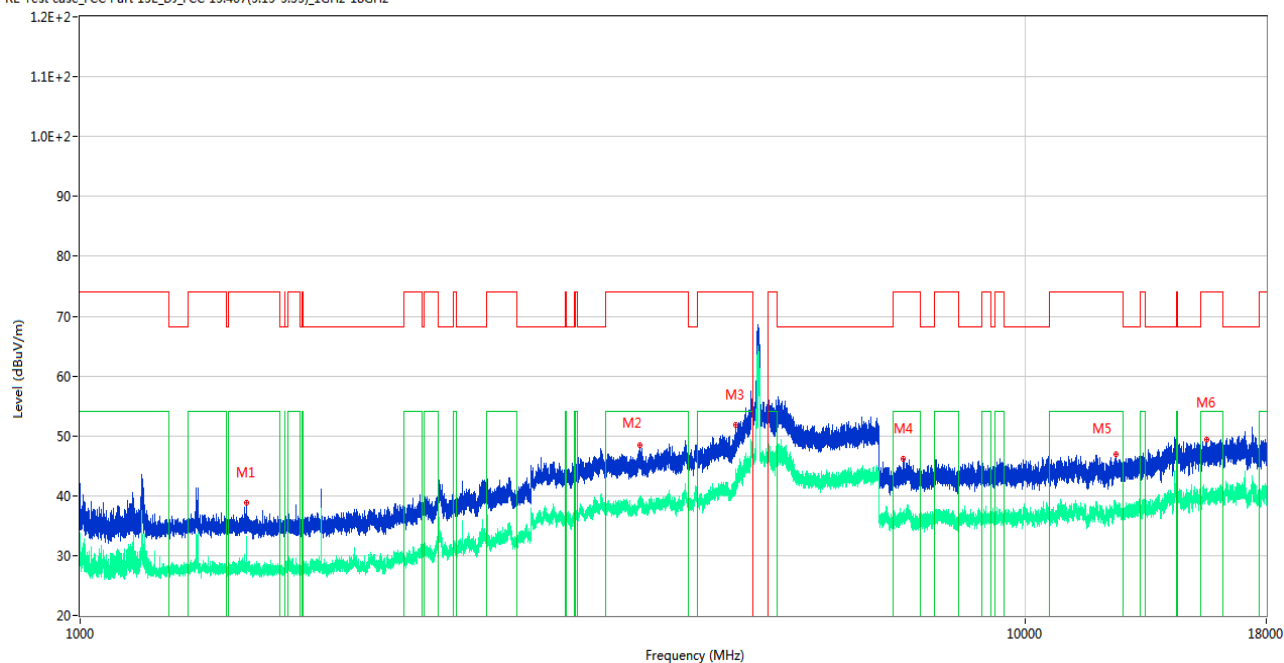
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	39.60	74.0	34.40	Peak	321.00	400	Horizontal	Pass
1**	1500.000	34.35	54.0	19.65	AV	321.00	400	Horizontal	Pass
2	4192.200	48.58	74.0	25.42	Peak	209.00	150	Horizontal	Pass
2**	4192.200	39.39	54.0	14.61	AV	209.00	150	Horizontal	Pass
3	4820.000	49.69	74.0	24.31	Peak	36.00	150	Horizontal	Pass
3**	4820.000	41.48	54.0	12.52	AV	36.00	150	Horizontal	Pass
4	7523.250	47.43	74.0	26.57	Peak	31.00	200	Horizontal	Pass
4**	7523.250	36.92	54.0	17.08	AV	31.00	200	Horizontal	Pass
5	11449.638	47.34	74.0	26.66	Peak	0.00	150	Horizontal	Pass
5**	11449.638	37.33	54.0	16.67	AV	0.00	150	Horizontal	Pass
6	16029.412	49.39	74.0	24.61	Peak	357.00	400	Horizontal	Pass
6**	16029.412	39.79	54.0	14.21	AV	357.00	400	Horizontal	Pass

60 MHz, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

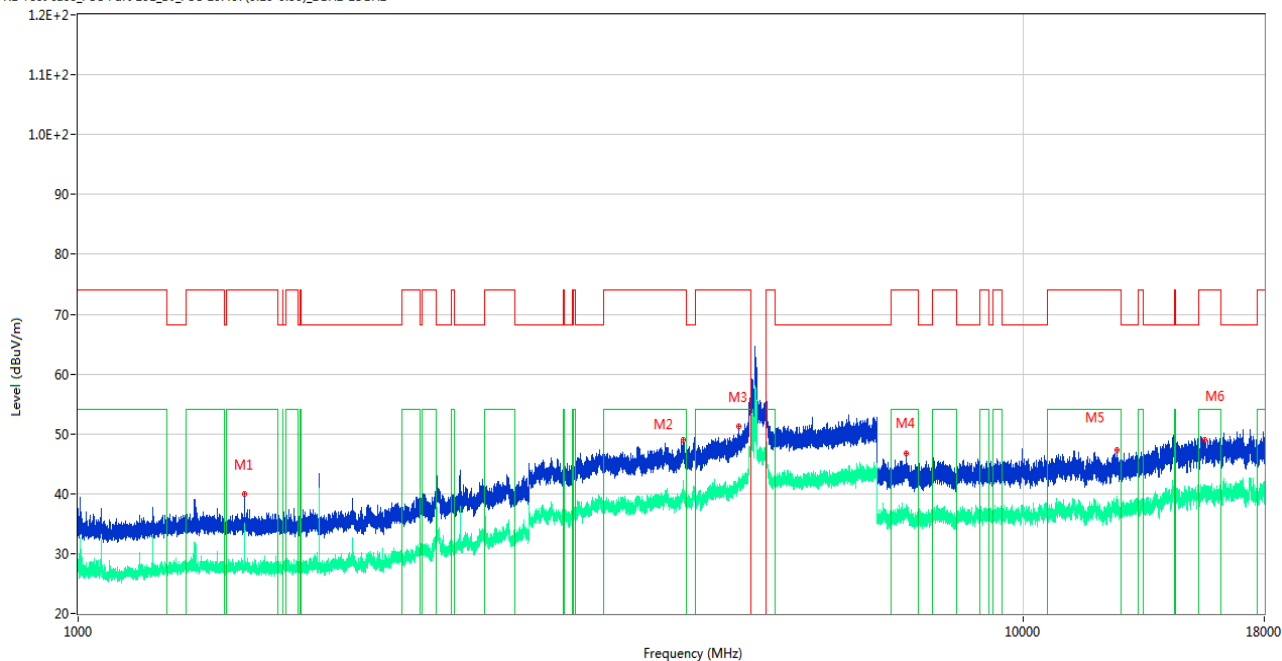
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.500	38.88	74.0	35.12	Peak	23.00	300	Vertical	Pass
1**	1499.500	30.85	54.0	23.15	AV	23.00	300	Vertical	Pass
2	3915.400	48.46	74.0	25.54	Peak	159.00	150	Vertical	Pass
2**	3915.400	38.45	54.0	15.55	AV	159.00	150	Vertical	Pass
3	4946.800	51.89	74.0	22.11	Peak	95.00	150	Vertical	Pass
3**	4946.800	41.26	54.0	12.74	AV	95.00	150	Vertical	Pass
4	7439.013	46.11	74.0	27.89	Peak	211.00	400	Vertical	Pass
4**	7439.013	36.43	54.0	17.57	AV	211.00	400	Vertical	Pass
5	12484.924	46.96	74.0	27.04	Peak	187.00	100	Vertical	Pass
5**	12484.924	37.05	54.0	16.95	AV	187.00	100	Vertical	Pass
6	15585.526	49.45	74.0	24.55	Peak	55.00	300	Vertical	Pass
6**	15585.526	39.95	54.0	14.05	AV	55.00	300	Vertical	Pass

80 MHz, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

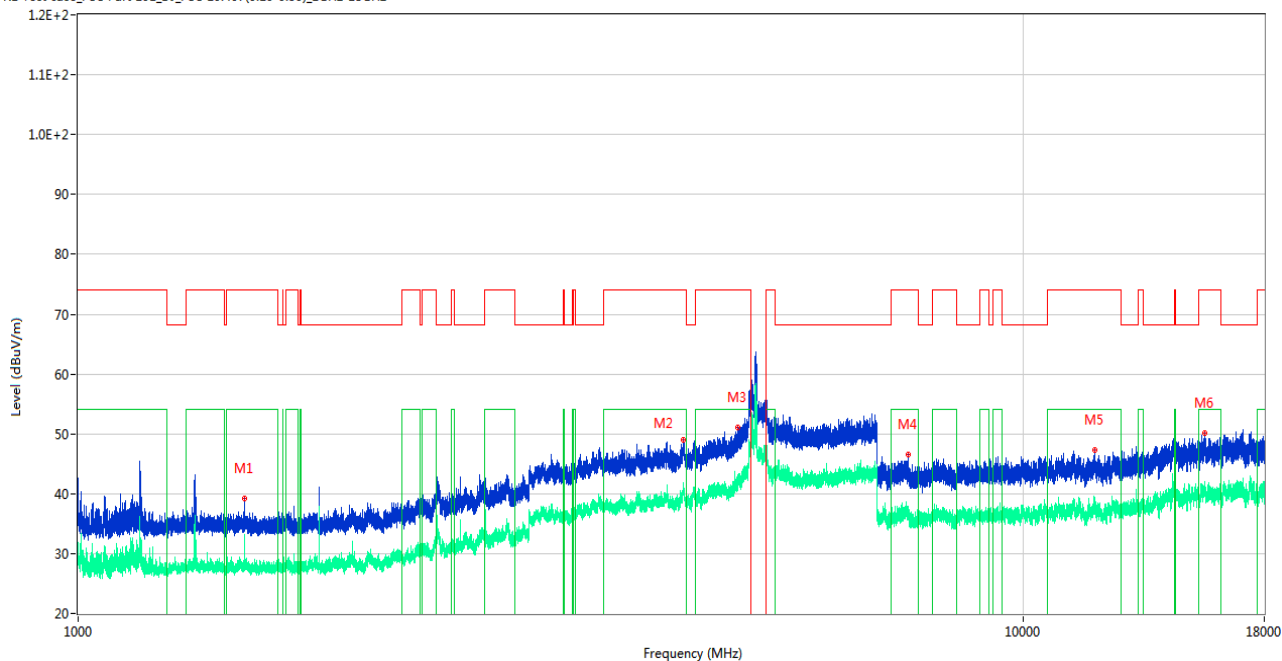
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.400	39.92	74.0	34.08	Peak	323.00	100	Horizontal	Pass
1**	1500.400	33.53	54.0	20.47	AV	323.00	100	Horizontal	Pass
2	4367.000	48.94	74.0	25.06	Peak	46.00	300	Horizontal	Pass
2**	4367.000	41.03	54.0	12.97	AV	46.00	300	Horizontal	Pass
3	5002.600	51.34	74.0	22.66	Peak	94.00	150	Horizontal	Pass
3**	5002.600	41.57	54.0	12.43	AV	94.00	150	Horizontal	Pass
4	7522.962	46.79	74.0	27.21	Peak	63.00	300	Horizontal	Pass
4**	7522.962	37.62	54.0	16.38	AV	63.00	300	Horizontal	Pass
5	12566.862	47.38	74.0	26.62	Peak	335.00	100	Horizontal	Pass
5**	12566.862	37.82	54.0	16.18	AV	335.00	100	Horizontal	Pass
6	15579.750	49.08	74.0	24.92	Peak	0.00	200	Horizontal	Pass
6**	15579.750	40.69	54.0	13.31	AV	0.00	200	Horizontal	Pass

80 MHz, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

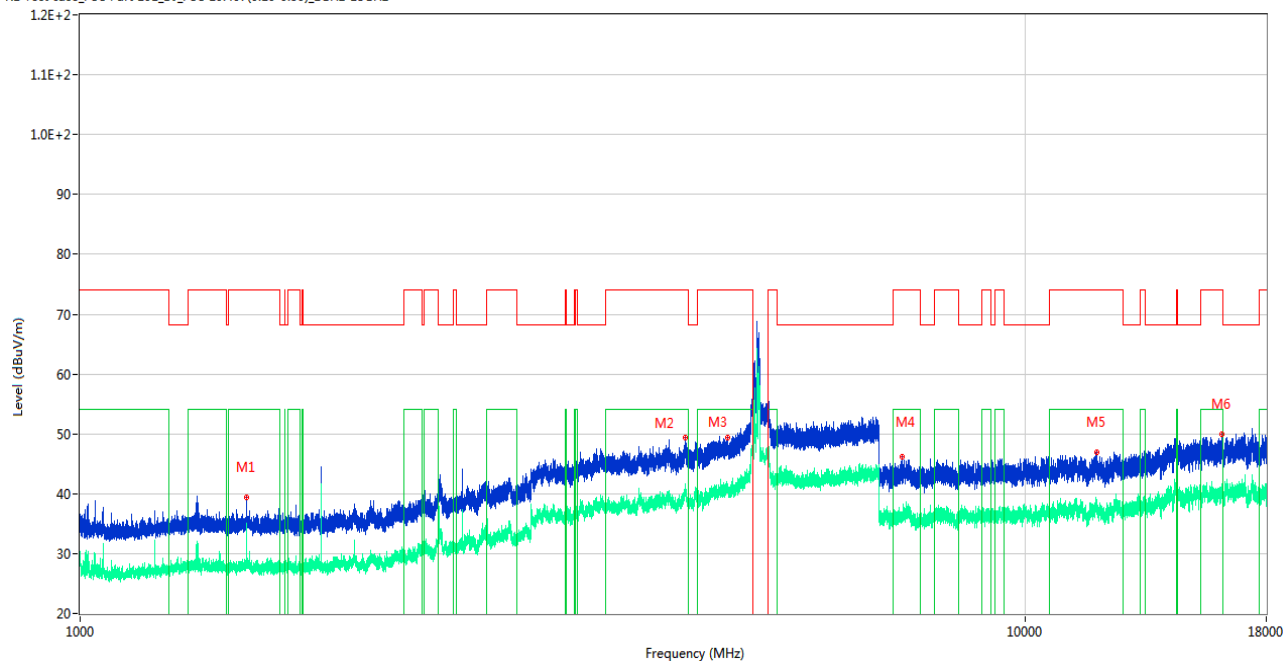
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.500	39.24	74.0	34.76	Peak	316.00	400	Vertical	Pass
1**	1500.500	31.70	54.0	22.30	AV	316.00	400	Vertical	Pass
2	4373.000	49.00	74.0	25.00	Peak	300.00	100	Vertical	Pass
2**	4373.000	40.39	54.0	13.61	AV	300.00	100	Vertical	Pass
3	4994.800	51.00	74.0	23.00	Peak	125.00	150	Vertical	Pass
3**	4994.800	42.33	54.0	11.67	AV	125.00	150	Vertical	Pass
4	7554.588	46.59	74.0	27.41	Peak	38.00	100	Vertical	Pass
4**	7554.588	36.58	54.0	17.42	AV	38.00	100	Vertical	Pass
5	11916.537	47.34	74.0	26.66	Peak	112.00	100	Vertical	Pass
5**	11916.537	37.32	54.0	16.68	AV	112.00	100	Vertical	Pass
6	15572.400	50.18	74.0	23.82	Peak	139.00	300	Vertical	Pass
6**	15572.400	40.40	54.0	13.60	AV	139.00	300	Vertical	Pass

80 MHz, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

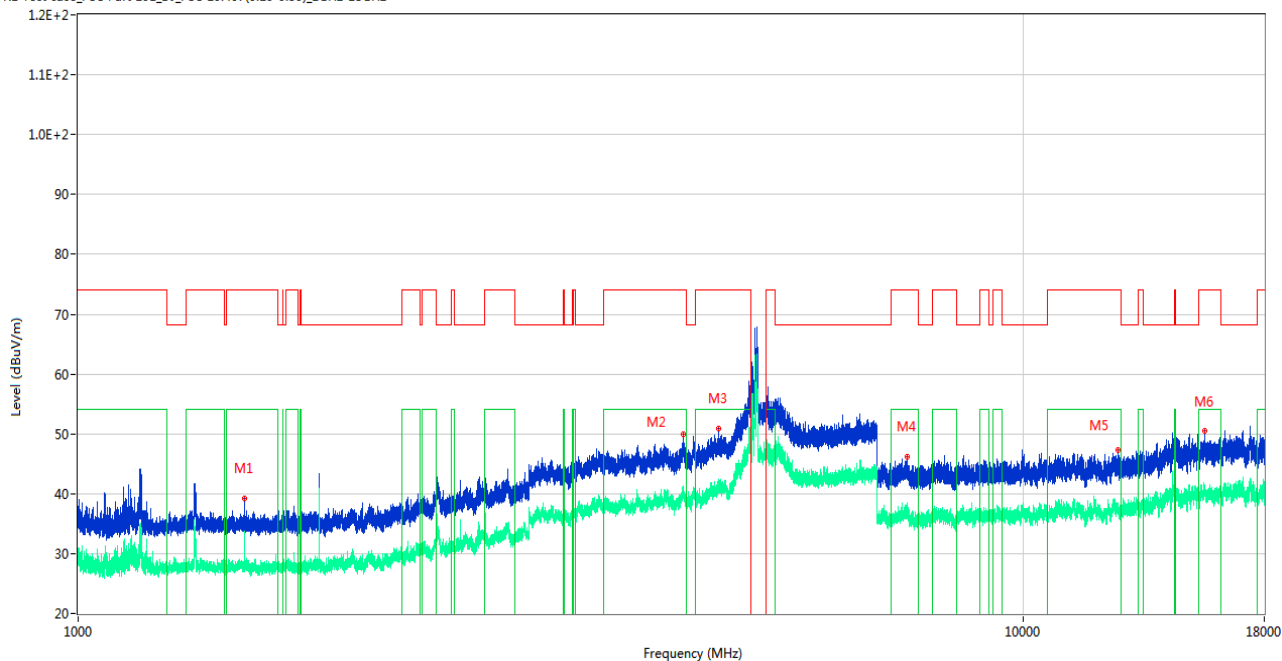
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	39.44	74.0	34.56	Peak	331.00	200	Horizontal	Pass
1**	1500.000	34.16	54.0	19.84	AV	331.00	200	Horizontal	Pass
2	4366.000	49.40	74.0	24.60	Peak	269.00	100	Horizontal	Pass
2**	4366.000	40.58	54.0	13.42	AV	269.00	100	Horizontal	Pass
3	4840.400	49.29	74.0	24.71	Peak	0.00	150	Horizontal	Pass
3**	4840.400	41.22	54.0	12.78	AV	0.00	150	Horizontal	Pass
4	7404.513	46.14	74.0	27.86	Peak	64.00	200	Horizontal	Pass
4**	7404.513	36.90	54.0	17.10	AV	64.00	200	Horizontal	Pass
5	11902.737	46.96	74.0	27.04	Peak	187.00	100	Horizontal	Pass
5**	11902.737	38.14	54.0	15.86	AV	187.00	100	Horizontal	Pass
6	16154.100	49.96	74.0	24.04	Peak	334.00	200	Horizontal	Pass
6**	16154.100	40.17	54.0	13.83	AV	334.00	200	Horizontal	Pass

80 MHz, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

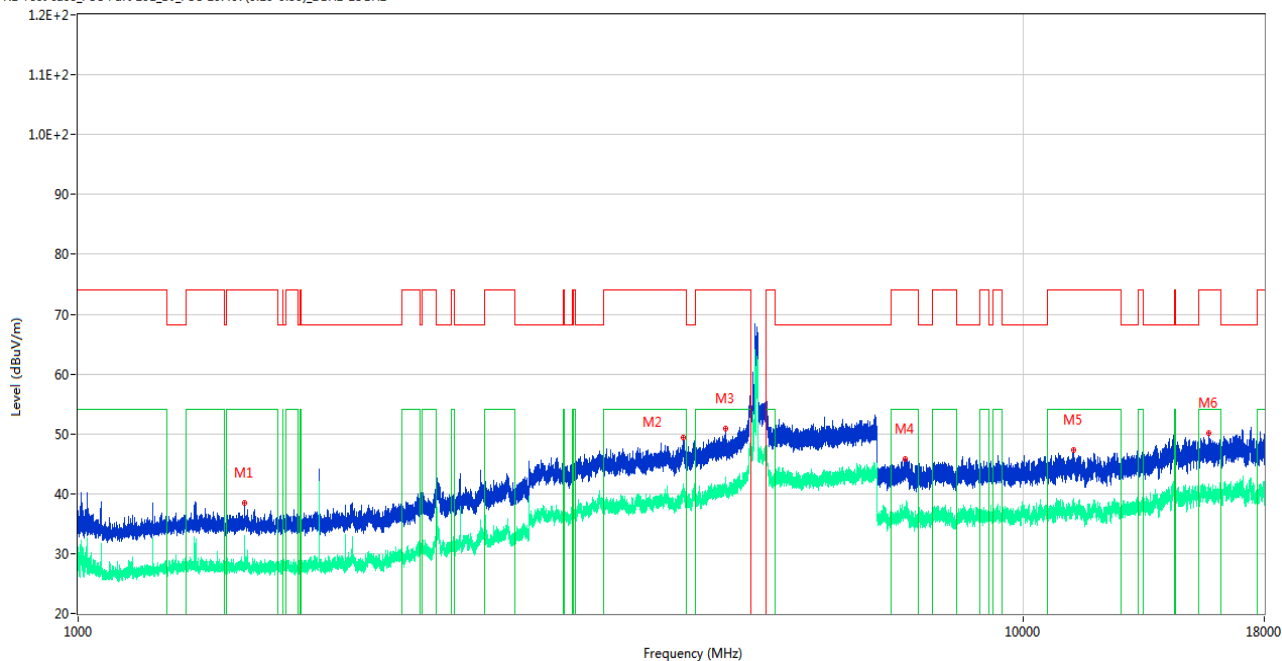
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.200	39.21	74.0	34.79	Peak	312.00	200	Vertical	Pass
1**	1500.200	33.28	54.0	20.72	AV	312.00	200	Vertical	Pass
2	4369.400	49.88	74.0	24.12	Peak	243.00	200	Vertical	Pass
2**	4369.400	40.25	54.0	13.75	AV	243.00	200	Vertical	Pass
3	4756.400	50.81	74.0	23.19	Peak	142.00	150	Vertical	Pass
3**	4756.400	40.67	54.0	13.33	AV	142.00	150	Vertical	Pass
4	7533.887	46.25	74.0	27.75	Peak	154.00	300	Vertical	Pass
4**	7533.887	37.44	54.0	16.56	AV	154.00	300	Vertical	Pass
5	12599.638	47.28	74.0	26.72	Peak	15.00	200	Vertical	Pass
5**	12599.638	37.37	54.0	16.63	AV	15.00	200	Vertical	Pass
6	15580.537	50.44	74.0	23.56	Peak	30.00	100	Vertical	Pass
6**	15580.537	40.82	54.0	13.18	AV	30.00	100	Vertical	Pass

80 MHz, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

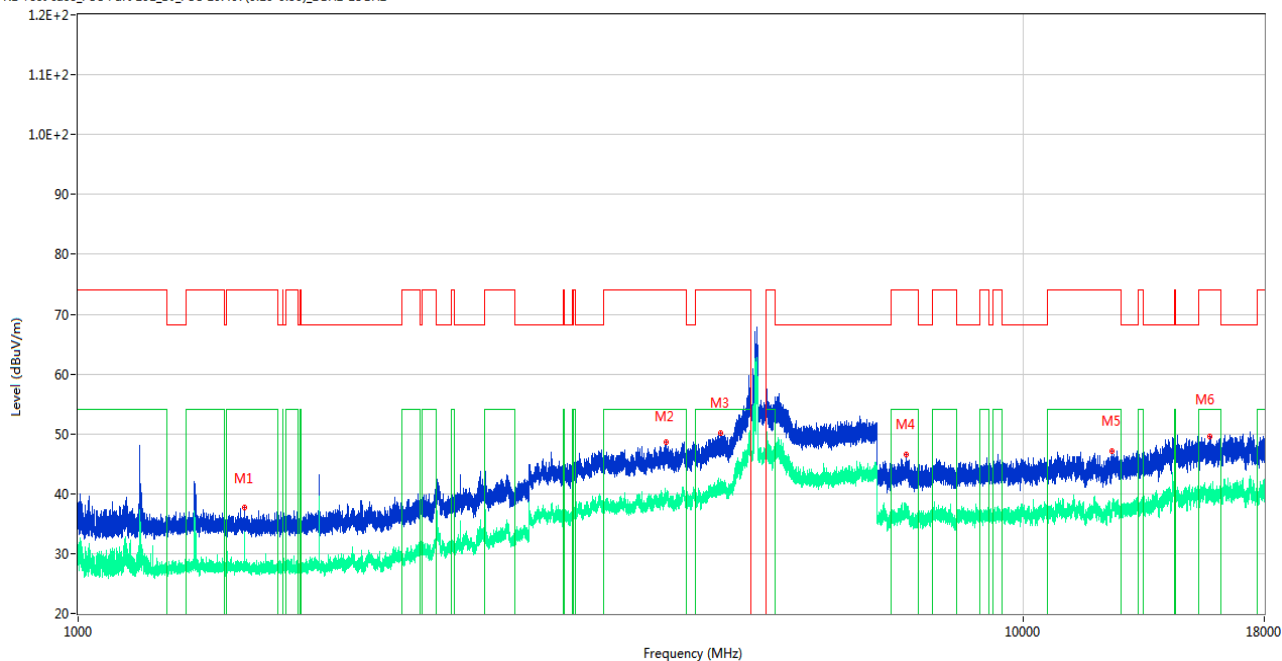
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	38.46	74.0	35.54	Peak	300.00	400	Horizontal	Pass
1**	1500.100	32.71	54.0	21.29	AV	300.00	400	Horizontal	Pass
2	4374.200	49.45	74.0	24.55	Peak	313.00	300	Horizontal	Pass
2**	4374.200	40.26	54.0	13.74	AV	313.00	300	Horizontal	Pass
3	4841.200	50.81	74.0	23.19	Peak	191.00	150	Horizontal	Pass
3**	4841.200	40.79	54.0	13.21	AV	191.00	150	Horizontal	Pass
4	7504.563	45.85	74.0	28.15	Peak	137.00	400	Horizontal	Pass
4**	7504.563	37.97	54.0	16.03	AV	137.00	400	Horizontal	Pass
5	11301.862	47.35	74.0	26.65	Peak	0.00	200	Horizontal	Pass
5**	11301.862	37.71	54.0	16.29	AV	0.00	200	Horizontal	Pass
6	15712.312	50.20	74.0	23.80	Peak	167.00	200	Horizontal	Pass
6**	15712.312	40.08	54.0	13.92	AV	167.00	200	Horizontal	Pass

80 MHz, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

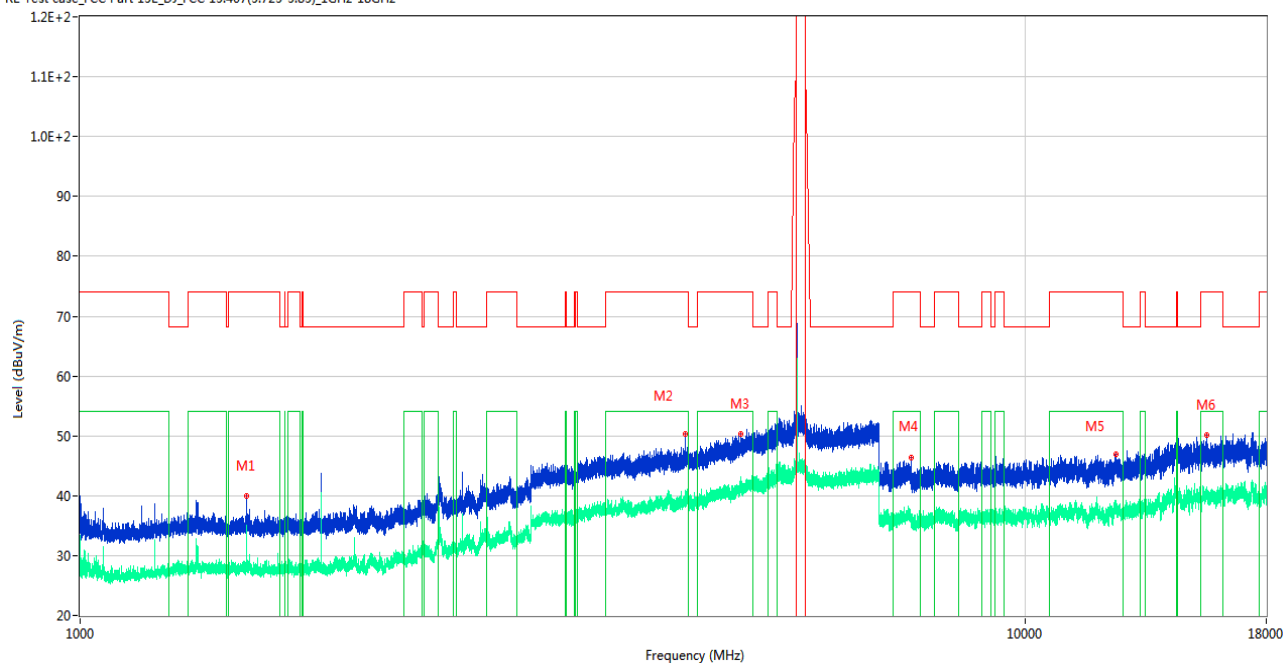
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.500	37.68	74.0	36.32	Peak	22.00	100	Vertical	Pass
1**	1500.500	30.53	54.0	23.47	AV	22.00	100	Vertical	Pass
2	4190.600	48.55	74.0	25.45	Peak	207.00	150	Vertical	Pass
2**	4190.600	39.75	54.0	14.25	AV	207.00	150	Vertical	Pass
3	4789.000	50.12	74.0	23.88	Peak	69.00	150	Vertical	Pass
3**	4789.000	40.96	54.0	13.04	AV	69.00	150	Vertical	Pass
4	7528.425	46.60	74.0	27.40	Peak	62.00	300	Vertical	Pass
4**	7528.425	37.84	54.0	16.16	AV	62.00	300	Vertical	Pass
5	12433.463	47.11	74.0	26.89	Peak	90.00	200	Vertical	Pass
5**	12433.463	37.89	54.0	16.11	AV	90.00	200	Vertical	Pass
6	15746.700	49.49	74.0	24.51	Peak	61.00	100	Vertical	Pass
6**	15746.700	41.35	54.0	12.65	AV	61.00	100	Vertical	Pass

10 MHz, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

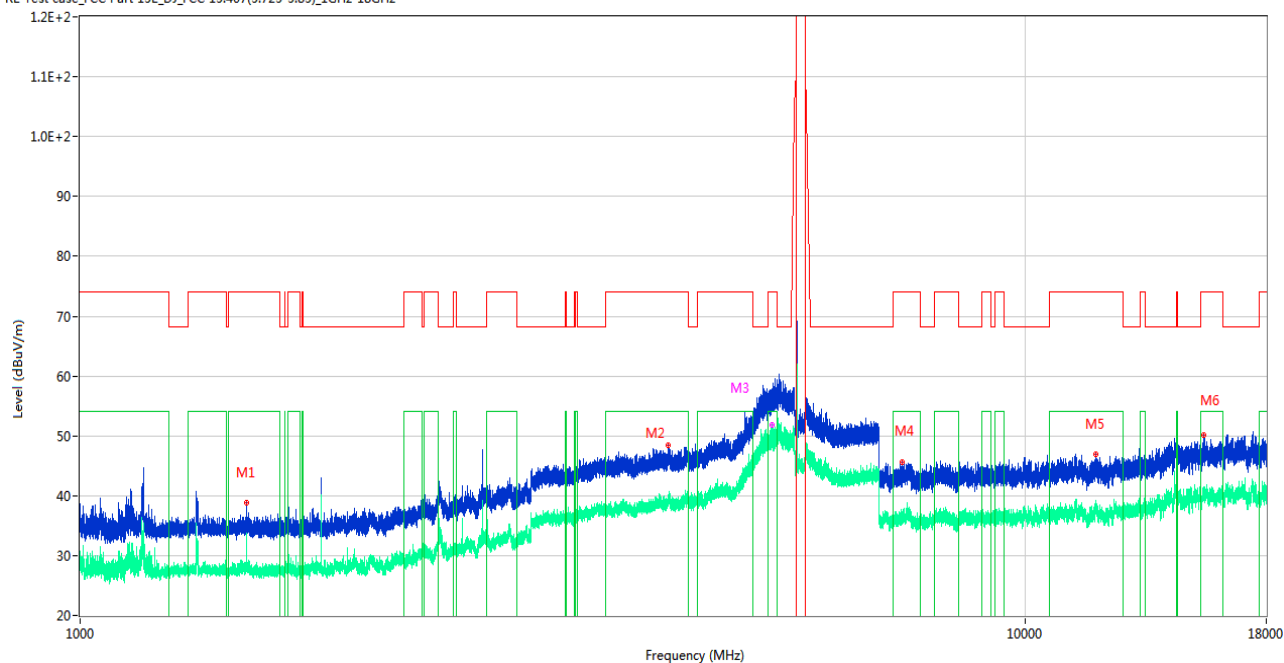
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	40.00	74.0	34.00	Peak	331.00	300	Horizontal	Pass
1**	1500.100	33.83	54.0	20.17	AV	331.00	300	Horizontal	Pass
2	4367.000	50.30	74.0	23.70	Peak	360.00	100	Horizontal	Pass
2**	4367.000	39.64	54.0	14.36	AV	360.00	100	Horizontal	Pass
3	5000.800	50.41	74.0	23.59	Peak	53.00	150	Horizontal	Pass
3**	5000.800	41.19	54.0	12.81	AV	53.00	150	Horizontal	Pass
4	7572.412	46.43	74.0	27.57	Peak	360.00	300	Horizontal	Pass
4**	7572.412	36.33	54.0	17.67	AV	360.00	300	Horizontal	Pass
5	12491.537	47.00	74.0	27.00	Peak	321.00	150	Horizontal	Pass
5**	12491.537	37.68	54.0	16.32	AV	321.00	150	Horizontal	Pass
6	15578.700	50.09	74.0	23.91	Peak	79.00	150	Horizontal	Pass
6**	15578.700	41.33	54.0	12.67	AV	79.00	150	Horizontal	Pass

10 MHz, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

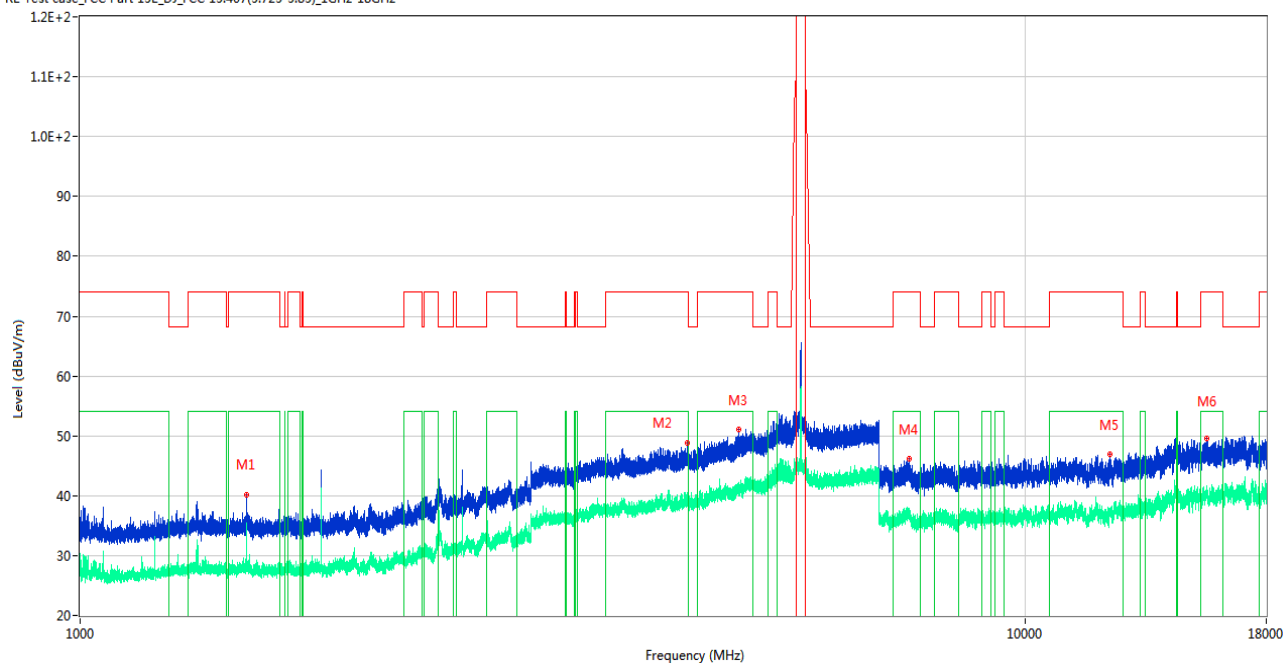
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	38.88	74.0	35.12	Peak	315.00	300	Vertical	Pass
1**	1500.000	33.04	54.0	20.96	AV	315.00	300	Vertical	Pass
2	4194.800	48.50	74.0	25.50	Peak	217.00	300	Vertical	Pass
2**	4194.800	40.22	54.0	13.78	AV	217.00	300	Vertical	Pass
3	5403.000	56.71	74.0	17.29	Peak	237.00	150	Vertical	Pass
3**	5403.000	51.74	54.0	2.26	AV	237.00	150	Vertical	Pass
4	7406.813	45.54	74.0	28.46	Peak	290.00	300	Vertical	Pass
4**	7406.813	36.74	54.0	17.26	AV	290.00	300	Vertical	Pass
5	11881.463	47.02	74.0	26.98	Peak	159.00	150	Vertical	Pass
5**	11881.463	37.50	54.0	16.50	AV	159.00	150	Vertical	Pass
6	15449.813	50.10	74.0	23.90	Peak	24.00	100	Vertical	Pass
6**	15449.813	40.04	54.0	13.96	AV	24.00	100	Vertical	Pass

10 MHz, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

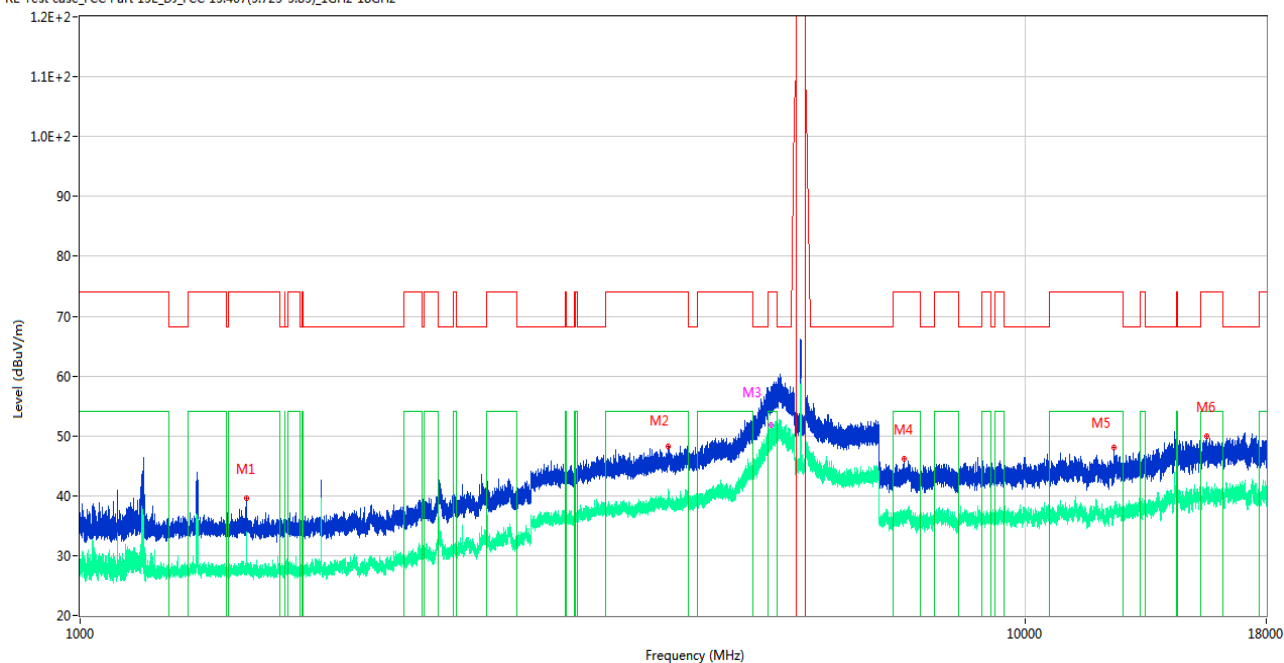
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.800	40.19	74.0	33.81	Peak	326.00	200	Horizontal	Pass
1**	1499.800	33.22	54.0	20.78	AV	326.00	200	Horizontal	Pass
2	4396.400	48.73	74.0	25.27	Peak	85.00	100	Horizontal	Pass
2**	4396.400	40.18	54.0	13.82	AV	85.00	100	Horizontal	Pass
3	4974.400	51.00	74.0	23.00	Peak	12.00	150	Horizontal	Pass
3**	4974.400	40.66	54.0	13.34	AV	12.00	150	Horizontal	Pass
4	7535.900	46.17	74.0	27.83	Peak	0.00	400	Horizontal	Pass
4**	7535.900	36.68	54.0	17.32	AV	0.00	400	Horizontal	Pass
5	12309.262	46.89	74.0	27.11	Peak	240.00	200	Horizontal	Pass
5**	12309.262	37.51	54.0	16.49	AV	240.00	200	Horizontal	Pass
6	15577.650	49.65	74.0	24.35	Peak	334.00	200	Horizontal	Pass
6**	15577.650	40.26	54.0	13.74	AV	334.00	200	Horizontal	Pass

10 MHz, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

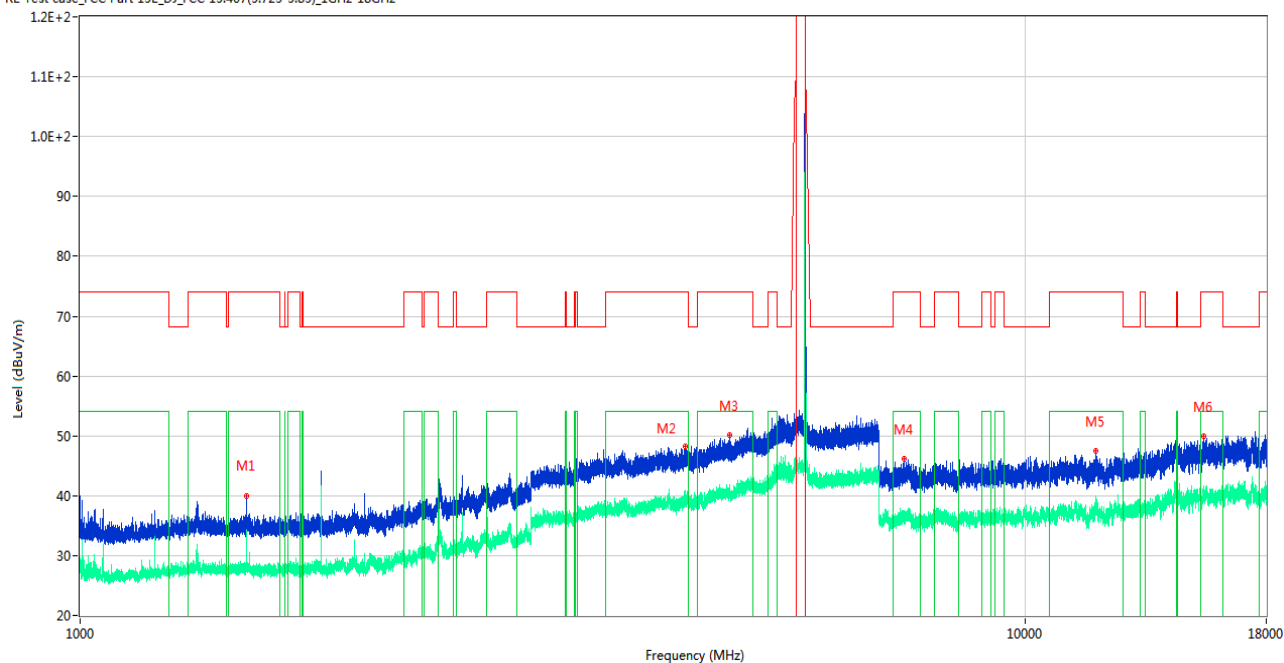
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.400	39.51	74.0	34.49	Peak	307.00	400	Vertical	Pass
1**	1499.400	28.97	54.0	25.03	AV	307.00	400	Vertical	Pass
2	4194.600	48.31	74.0	25.69	Peak	360.00	300	Vertical	Pass
2**	4194.600	39.22	54.0	14.78	AV	360.00	300	Vertical	Pass
3	5379.200	54.54	74.0	19.46	Peak	245.00	150	Vertical	Pass
3**	5379.200	51.83	54.0	2.17	AV	245.00	150	Vertical	Pass
4	7445.050	46.16	74.0	27.84	Peak	0.00	100	Vertical	Pass
4**	7445.050	37.70	54.0	16.30	AV	0.00	100	Vertical	Pass
5	12434.326	48.13	74.0	25.87	Peak	256.00	100	Vertical	Pass
5**	12434.326	37.33	54.0	16.67	AV	256.00	100	Vertical	Pass
6	15565.575	49.88	74.0	24.12	Peak	360.00	400	Vertical	Pass
6**	15565.575	40.77	54.0	13.23	AV	360.00	400	Vertical	Pass

10 MHz, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

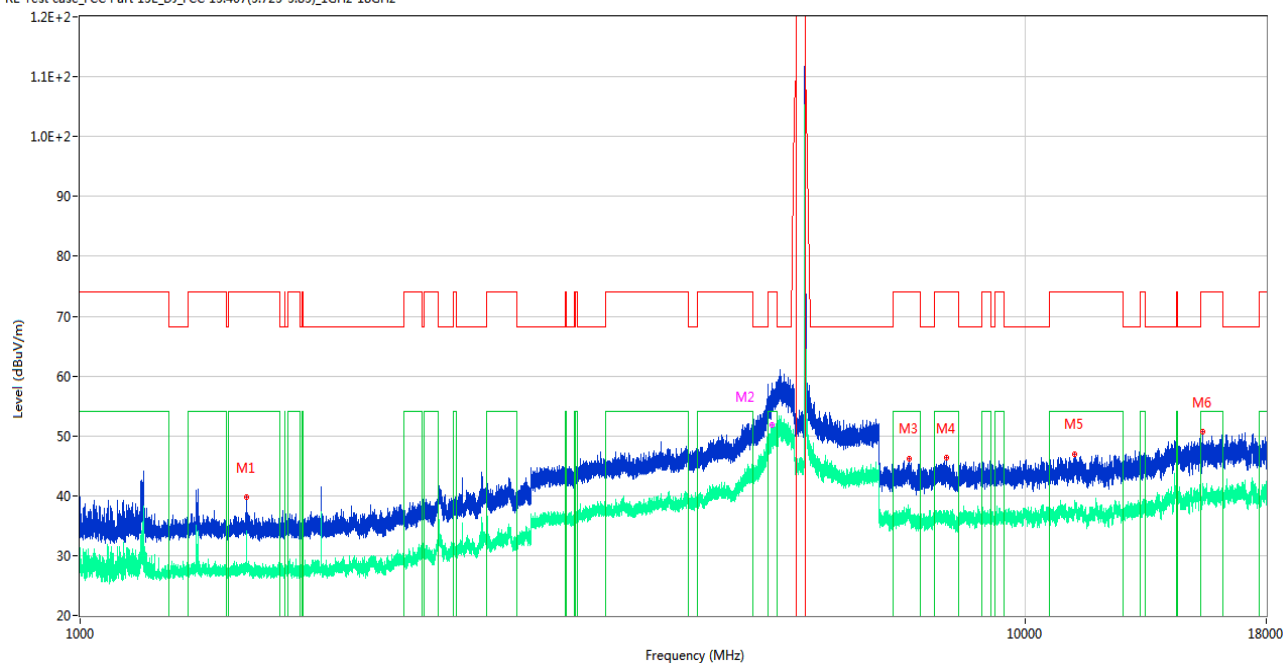
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.600	40.04	74.0	33.96	Peak	317.00	400	Horizontal	Pass
1**	1499.600	30.90	54.0	23.10	AV	317.00	400	Horizontal	Pass
2	4370.200	48.30	74.0	25.70	Peak	294.00	100	Horizontal	Pass
2**	4370.200	39.43	54.0	14.57	AV	294.00	100	Horizontal	Pass
3	4865.400	50.11	74.0	23.89	Peak	360.00	150	Horizontal	Pass
3**	4865.400	40.33	54.0	13.67	AV	360.00	150	Horizontal	Pass
4	7444.763	46.12	74.0	27.88	Peak	360.00	400	Horizontal	Pass
4**	7444.763	37.04	54.0	16.96	AV	360.00	400	Horizontal	Pass
5	11874.562	47.44	74.0	26.56	Peak	50.00	150	Horizontal	Pass
5**	11874.562	38.14	54.0	15.86	AV	50.00	150	Horizontal	Pass
6	15441.675	49.91	74.0	24.09	Peak	304.00	400	Horizontal	Pass
6**	15441.675	39.56	54.0	14.44	AV	304.00	400	Horizontal	Pass

10 MHz, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

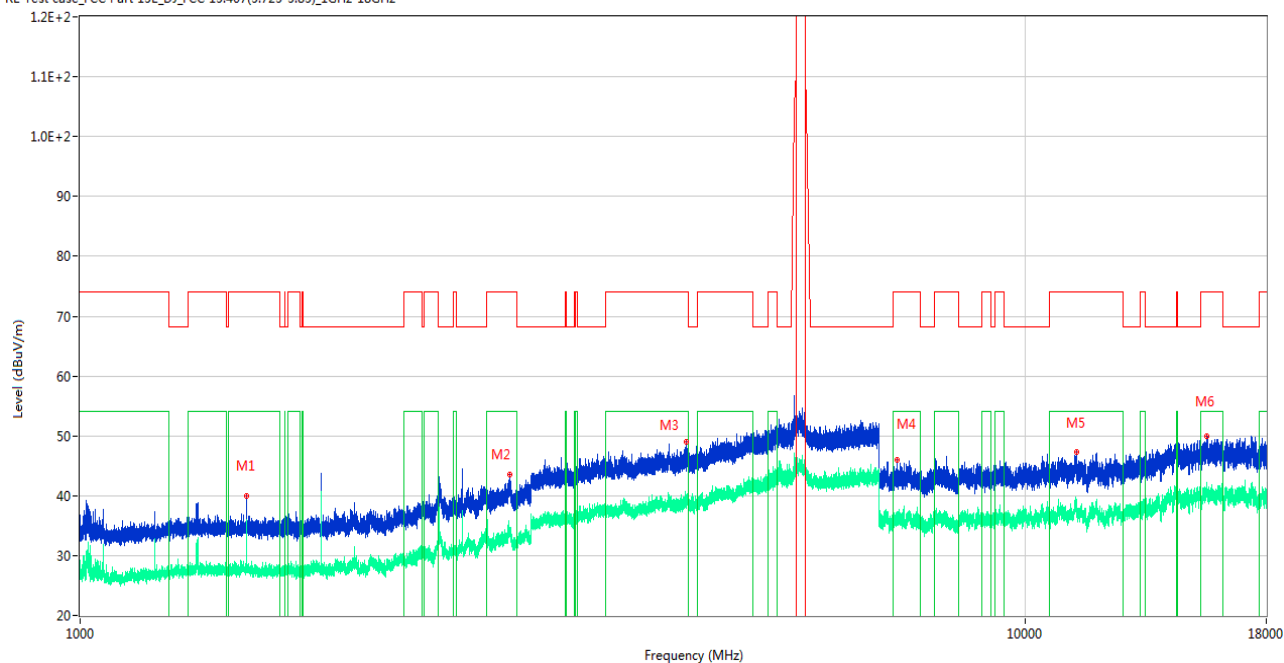
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	39.69	74.0	34.31	Peak	324.00	100	Vertical	Pass
1**	1500.000	32.52	54.0	21.48	AV	324.00	100	Vertical	Pass
2	5393.800	55.34	74.0	18.66	Peak	196.00	150	Vertical	Pass
2**	5393.800	51.99	54.0	2.01	AV	196.00	150	Vertical	Pass
3	7534.462	46.20	74.0	27.80	Peak	302.00	200	Vertical	Pass
3**	7534.462	36.81	54.0	17.19	AV	302.00	200	Vertical	Pass
4	8253.500	46.38	74.0	27.62	Peak	75.00	150	Vertical	Pass
4**	8253.500	35.90	54.0	18.10	AV	75.00	150	Vertical	Pass
5	11294.675	47.00	74.0	27.00	Peak	25.00	150	Vertical	Pass
5**	11294.675	37.78	54.0	16.22	AV	25.00	150	Vertical	Pass
6	15416.475	50.65	74.0	23.35	Peak	222.00	400	Vertical	Pass
6**	15416.475	42.09	54.0	11.91	AV	222.00	400	Vertical	Pass

20 MHz, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

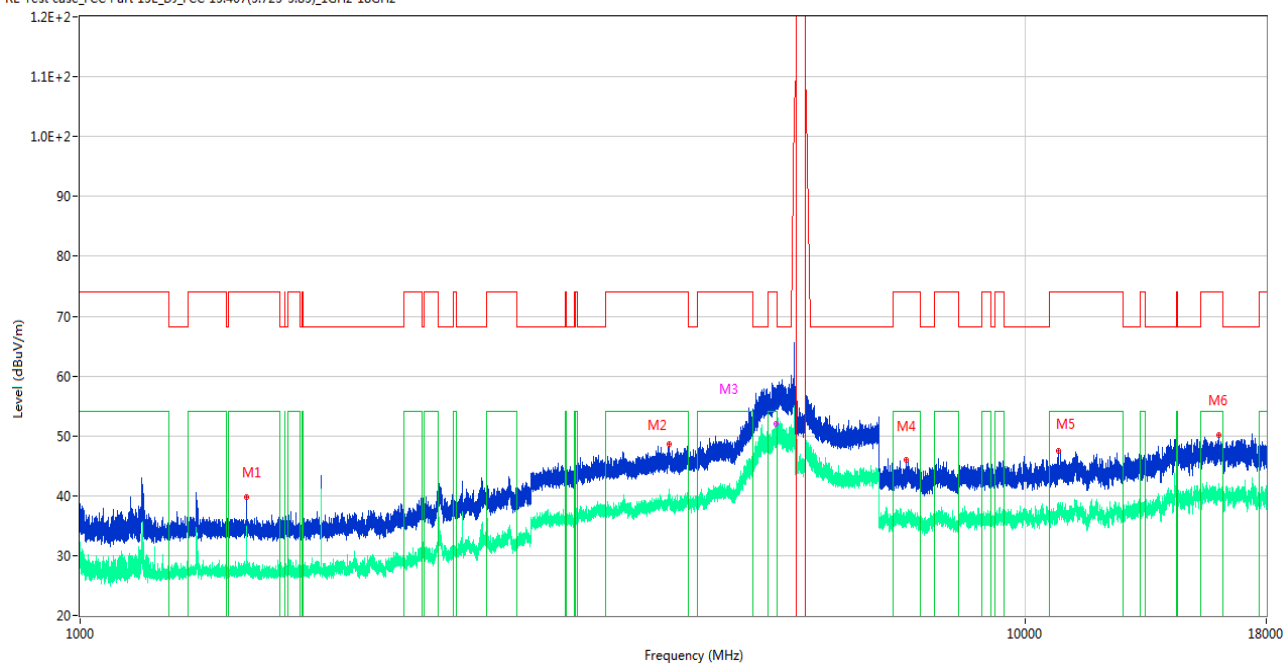
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.900	40.05	74.0	33.95	Peak	336.00	100	Horizontal	Pass
1**	1499.900	34.01	54.0	19.99	AV	336.00	100	Horizontal	Pass
2	2852.300	43.62	74.0	30.38	Peak	0.00	150	Horizontal	Pass
2**	2852.300	34.39	54.0	19.61	AV	0.00	150	Horizontal	Pass
3	4382.000	49.02	74.0	24.98	Peak	236.00	200	Horizontal	Pass
3**	4382.000	39.29	54.0	14.71	AV	236.00	200	Horizontal	Pass
4	7313.662	45.96	74.0	28.04	Peak	264.00	300	Horizontal	Pass
4**	7313.662	36.17	54.0	17.83	AV	264.00	300	Horizontal	Pass
5	11328.026	47.25	74.0	26.75	Peak	167.00	100	Horizontal	Pass
5**	11328.026	38.67	54.0	15.33	AV	167.00	100	Horizontal	Pass
6	15580.276	50.01	74.0	23.99	Peak	93.00	200	Horizontal	Pass
6**	15580.276	41.37	54.0	12.63	AV	93.00	200	Horizontal	Pass

20 MHz, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

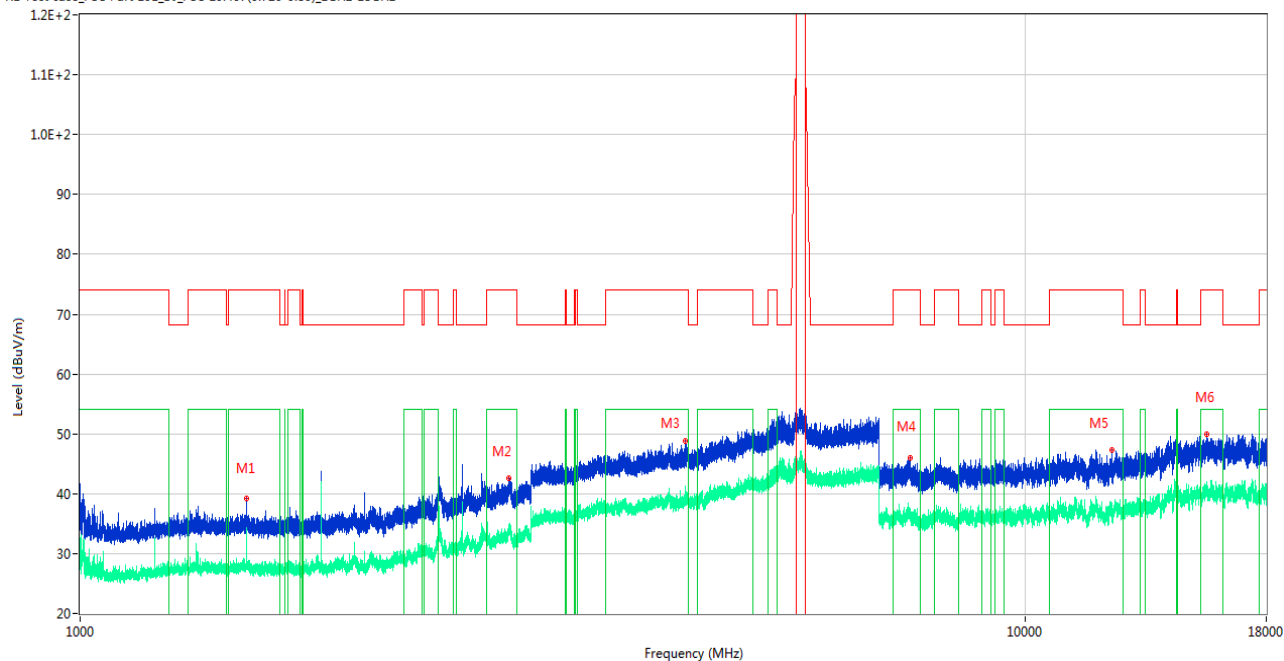
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	39.85	74.0	34.15	Peak	312.00	400	Vertical	Pass
1**	1500.000	34.02	54.0	19.98	AV	312.00	400	Vertical	Pass
2	4198.800	48.55	74.0	25.45	Peak	239.00	200	Vertical	Pass
2**	4198.800	40.60	54.0	13.40	AV	239.00	200	Vertical	Pass
3	5452.600	56.36	74.0	17.64	Peak	239.00	150	Vertical	Pass
3**	5452.600	51.93	54.0	2.07	AV	239.00	150	Vertical	Pass
4	7490.763	46.07	74.0	27.93	Peak	21.00	400	Vertical	Pass
4**	7490.763	35.97	54.0	18.03	AV	21.00	400	Vertical	Pass
5	10856.813	47.43	74.0	26.57	Peak	144.00	150	Vertical	Pass
5**	10856.813	37.24	54.0	16.76	AV	144.00	150	Vertical	Pass
6	16052.513	50.18	74.0	23.82	Peak	39.00	100	Vertical	Pass
6**	16052.513	40.15	54.0	13.85	AV	39.00	100	Vertical	Pass

20 MHz, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

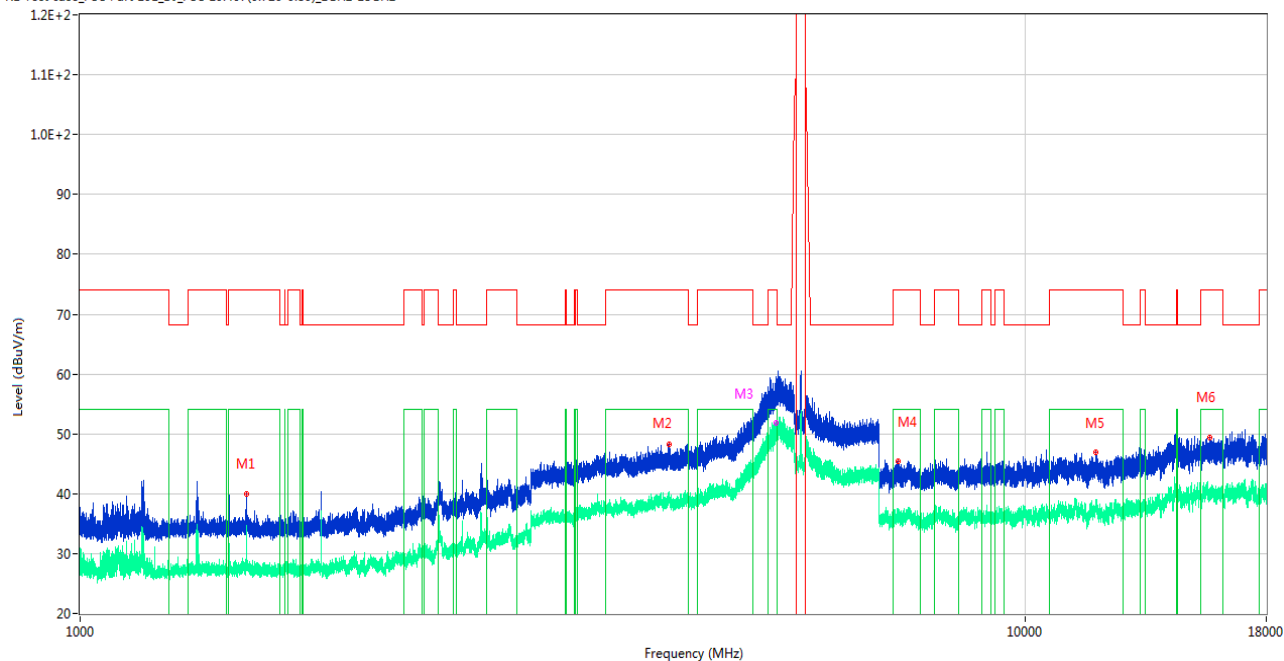
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	39.20	74.0	34.80	Peak	335.00	300	Horizontal	Pass
1**	1500.000	34.04	54.0	19.96	AV	335.00	300	Horizontal	Pass
2	2843.200	42.55	74.0	31.45	Peak	234.00	150	Horizontal	Pass
2**	2843.200	34.32	54.0	19.68	AV	234.00	150	Horizontal	Pass
3	4373.600	48.78	74.0	25.22	Peak	18.00	200	Horizontal	Pass
3**	4373.600	38.83	54.0	15.17	AV	18.00	200	Horizontal	Pass
4	7552.575	45.97	74.0	28.03	Peak	244.00	400	Horizontal	Pass
4**	7552.575	37.49	54.0	16.51	AV	244.00	400	Horizontal	Pass
5	12344.912	47.29	74.0	26.71	Peak	268.00	200	Horizontal	Pass
5**	12344.912	38.24	54.0	15.76	AV	268.00	200	Horizontal	Pass
6	15555.599	50.04	74.0	23.96	Peak	63.00	300	Horizontal	Pass
6**	15555.599	41.16	54.0	12.84	AV	63.00	300	Horizontal	Pass

20 MHz, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

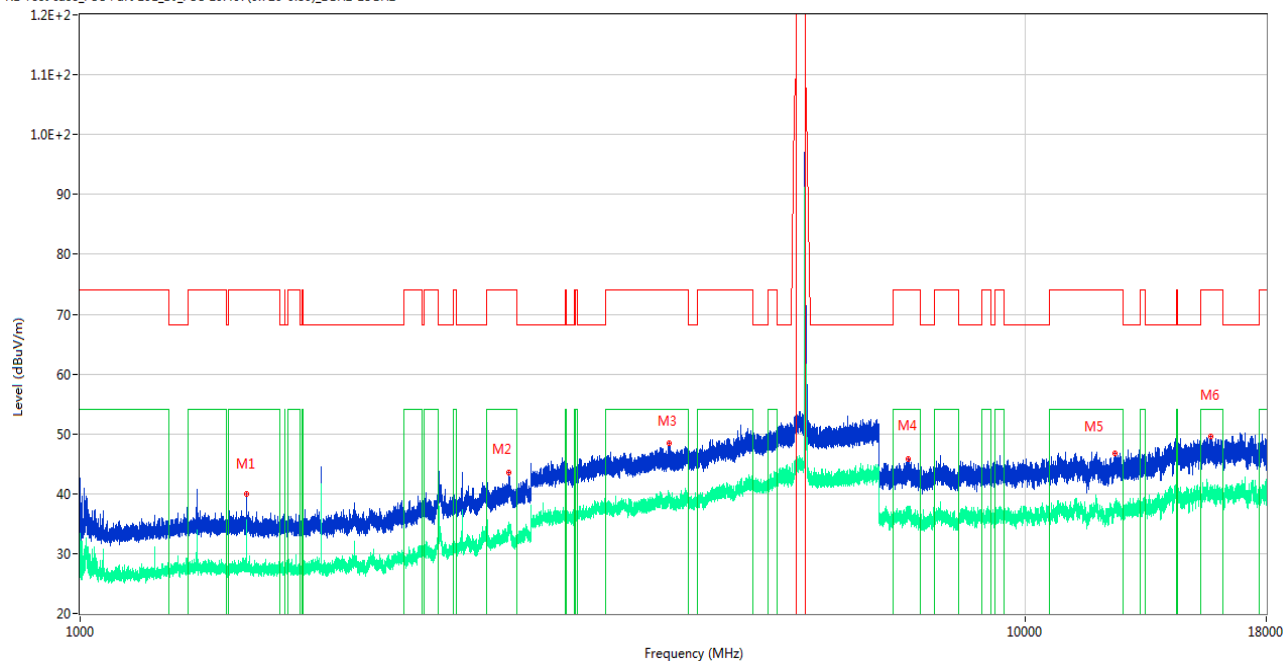
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	40.05	74.0	33.95	Peak	319.00	100	Vertical	Pass
1**	1500.100	33.90	54.0	20.10	AV	319.00	100	Vertical	Pass
2	4201.200	48.34	74.0	25.66	Peak	224.00	200	Vertical	Pass
2**	4201.200	39.22	54.0	14.78	AV	224.00	200	Vertical	Pass
3	5458.000	56.37	74.0	17.63	Peak	256.00	150	Vertical	Pass
3**	5458.000	51.91	54.0	2.09	AV	256.00	150	Vertical	Pass
4	7340.687	45.39	74.0	28.61	Peak	202.00	100	Vertical	Pass
4**	7340.687	35.80	54.0	18.20	AV	202.00	100	Vertical	Pass
5	11893.826	46.86	74.0	27.14	Peak	73.00	150	Vertical	Pass
5**	11893.826	38.43	54.0	15.57	AV	73.00	150	Vertical	Pass
6	15679.237	49.32	74.0	24.68	Peak	37.00	300	Vertical	Pass
6**	15679.237	39.33	54.0	14.67	AV	37.00	300	Vertical	Pass

20 MHz, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

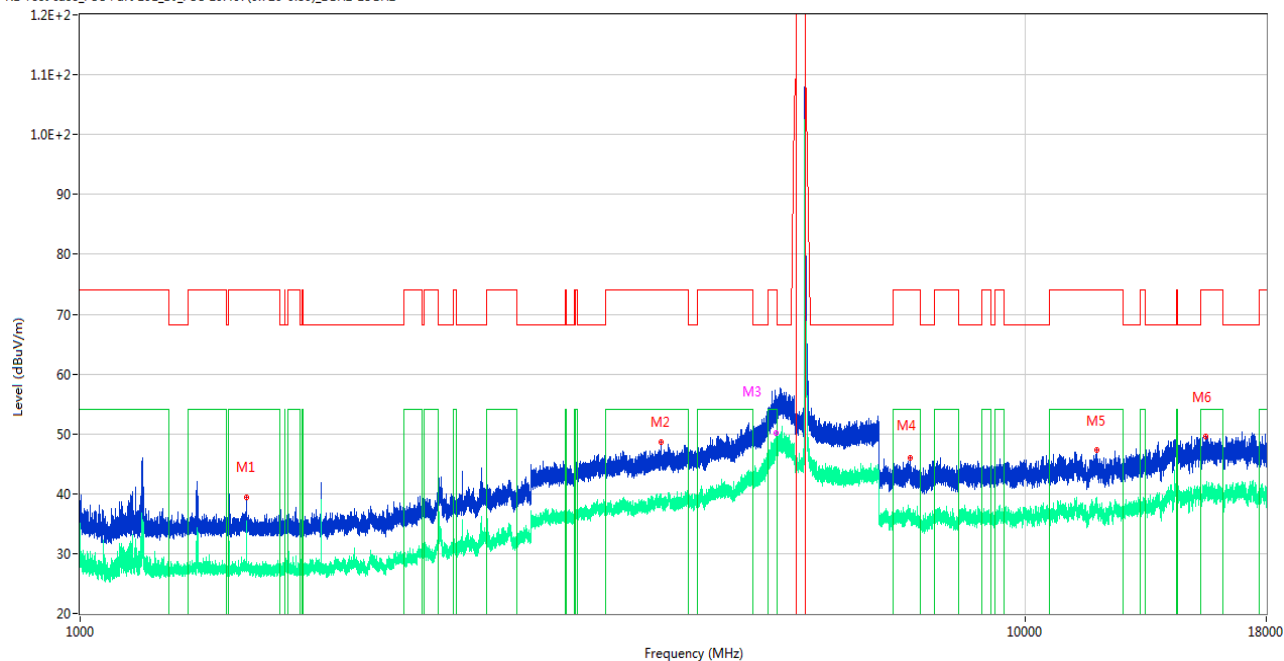
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.400	40.04	74.0	33.96	Peak	329.00	200	Horizontal	Pass
1**	1500.400	33.58	54.0	20.42	AV	329.00	200	Horizontal	Pass
2	2844.200	43.47	74.0	30.53	Peak	337.00	150	Horizontal	Pass
2**	2844.200	34.45	54.0	19.55	AV	337.00	150	Horizontal	Pass
3	4199.800	48.43	74.0	25.57	Peak	255.00	200	Horizontal	Pass
3**	4199.800	39.41	54.0	14.59	AV	255.00	200	Horizontal	Pass
4	7524.400	45.83	74.0	28.17	Peak	342.00	300	Horizontal	Pass
4**	7524.400	36.54	54.0	17.46	AV	342.00	300	Horizontal	Pass
5	12454.450	46.76	74.0	27.24	Peak	360.00	150	Horizontal	Pass
5**	12454.450	37.63	54.0	16.37	AV	360.00	150	Horizontal	Pass
6	15738.037	49.63	74.0	24.37	Peak	282.00	400	Horizontal	Pass
6**	15738.037	41.10	54.0	12.90	AV	282.00	400	Horizontal	Pass

20 MHz, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

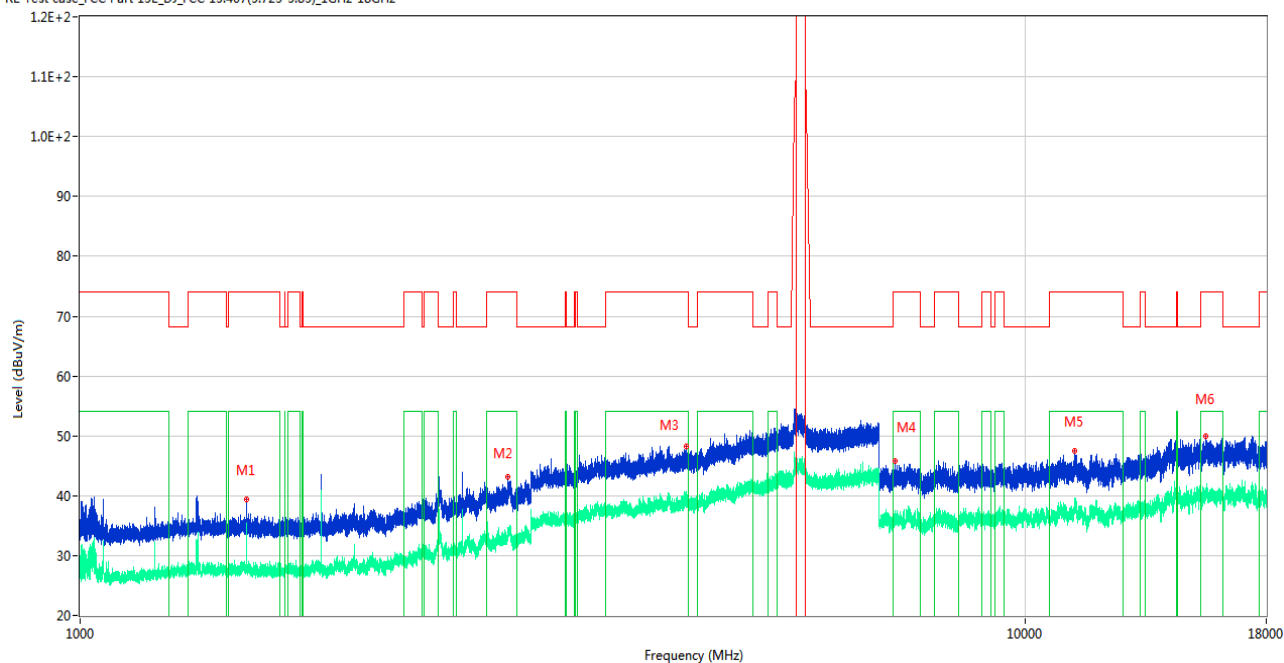
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.800	39.37	74.0	34.63	Peak	307.00	150	Vertical	Pass
1**	1499.800	33.32	54.0	20.68	AV	307.00	150	Vertical	Pass
2	4121.000	48.60	74.0	25.40	Peak	237.00	200	Vertical	Pass
2**	4121.000	38.43	54.0	15.57	AV	237.00	200	Vertical	Pass
3	5450.600	54.20	74.0	19.80	Peak	1.00	150	Vertical	Pass
3**	5450.600	50.17	54.0	3.83	AV	1.00	150	Vertical	Pass
4	7567.813	45.97	74.0	28.03	Peak	267.00	400	Vertical	Pass
4**	7567.813	35.53	54.0	18.47	AV	267.00	400	Vertical	Pass
5	11906.475	47.26	74.0	26.74	Peak	360.00	100	Vertical	Pass
5**	11906.475	39.40	54.0	14.60	AV	360.00	100	Vertical	Pass
6	15530.662	49.49	74.0	24.51	Peak	60.00	100	Vertical	Pass
6**	15530.662	39.81	54.0	14.19	AV	60.00	100	Vertical	Pass

40 MHz, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

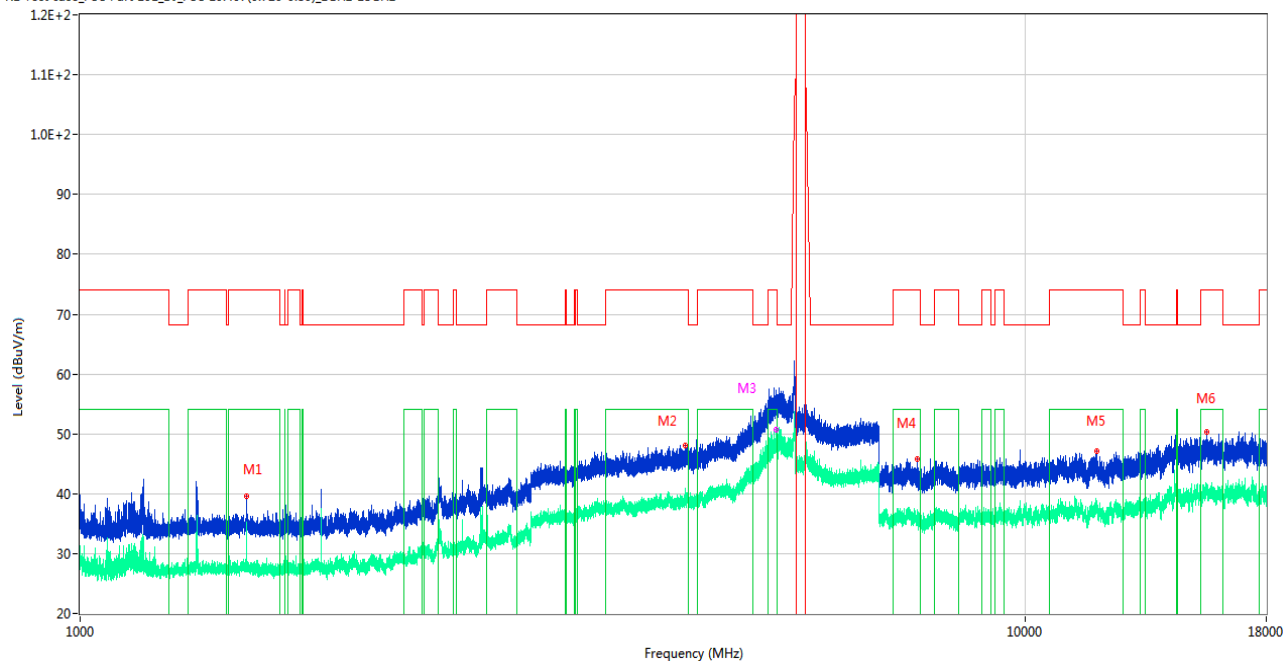
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	39.34	74.0	34.66	Peak	306.00	400	Horizontal	Pass
1**	1500.100	34.80	54.0	19.20	AV	306.00	400	Horizontal	Pass
2	2838.600	43.09	74.0	30.91	Peak	187.00	150	Horizontal	Pass
2**	2838.600	34.25	54.0	19.75	AV	187.00	150	Horizontal	Pass
3	4381.200	48.27	74.0	25.73	Peak	112.00	200	Horizontal	Pass
3**	4381.200	39.78	54.0	14.22	AV	112.00	200	Horizontal	Pass
4	7277.437	45.77	74.0	28.23	Peak	360.00	100	Horizontal	Pass
4**	7277.437	35.67	54.0	18.33	AV	360.00	100	Horizontal	Pass
5	11294.387	47.42	74.0	26.58	Peak	191.00	150	Horizontal	Pass
5**	11294.387	38.28	54.0	15.72	AV	191.00	150	Horizontal	Pass
6	15527.775	49.92	74.0	24.08	Peak	336.00	100	Horizontal	Pass
6**	15527.775	40.18	54.0	13.82	AV	336.00	100	Horizontal	Pass

40 MHz, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

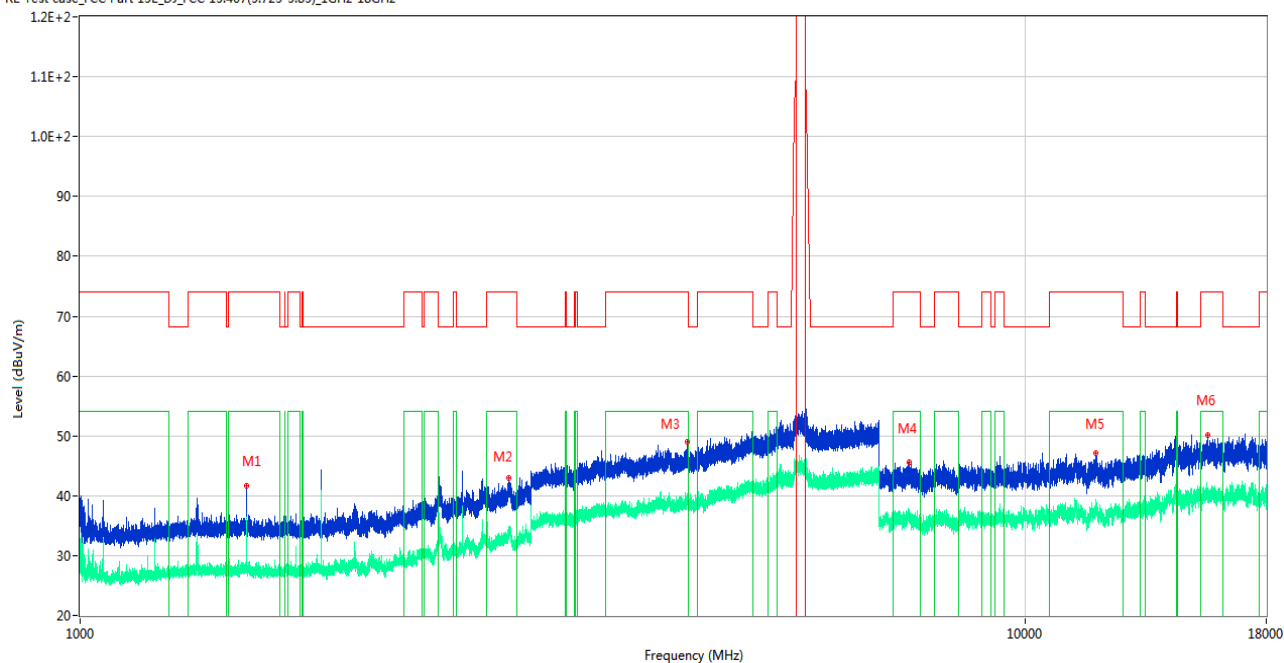
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.400	39.60	74.0	34.40	Peak	31.00	200	Vertical	Pass
1**	1500.400	33.79	54.0	20.21	AV	31.00	200	Vertical	Pass
2	4374.200	48.11	74.0	25.89	Peak	222.00	400	Vertical	Pass
2**	4374.200	39.16	54.0	14.84	AV	222.00	400	Vertical	Pass
3	5454.800	54.23	74.0	19.77	Peak	252.00	150	Vertical	Pass
3**	5454.800	50.71	54.0	3.29	AV	252.00	150	Vertical	Pass
4	7686.837	45.72	74.0	28.28	Peak	96.00	100	Vertical	Pass
4**	7686.837	36.06	54.0	17.94	AV	96.00	100	Vertical	Pass
5	11904.175	47.13	74.0	26.87	Peak	147.00	150	Vertical	Pass
5**	11904.175	37.72	54.0	16.28	AV	147.00	150	Vertical	Pass
6	15581.062	50.34	74.0	23.66	Peak	142.00	300	Vertical	Pass
6**	15581.062	40.73	54.0	13.27	AV	142.00	300	Vertical	Pass

40 MHz, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

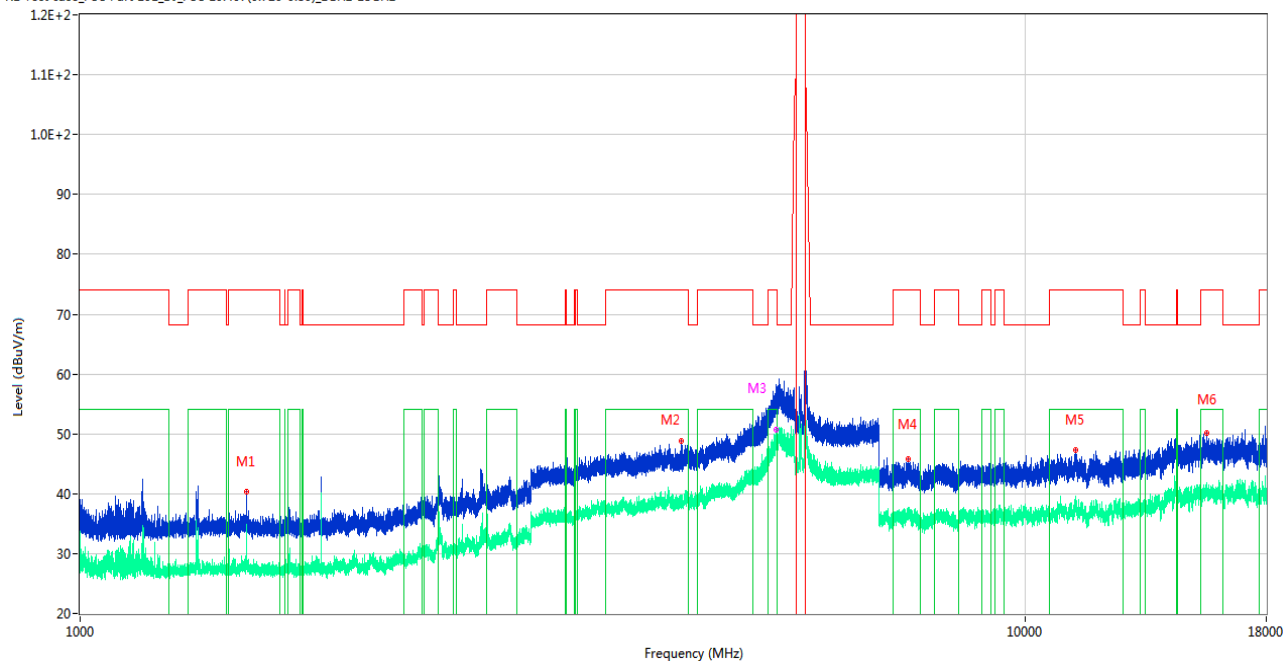
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	41.63	74.0	32.37	Peak	329.00	400	Horizontal	Pass
1**	1500.100	36.40	54.0	17.60	AV	329.00	400	Horizontal	Pass
2	2841.600	43.07	74.0	30.93	Peak	49.00	150	Horizontal	Pass
2**	2841.600	34.42	54.0	19.58	AV	49.00	150	Horizontal	Pass
3	4391.200	48.95	74.0	25.05	Peak	232.00	200	Horizontal	Pass
3**	4391.200	39.36	54.0	14.64	AV	232.00	200	Horizontal	Pass
4	7533.600	45.61	74.0	28.39	Peak	95.00	400	Horizontal	Pass
4**	7533.600	36.97	54.0	17.03	AV	95.00	400	Horizontal	Pass
5	11878.300	47.08	74.0	26.92	Peak	315.00	200	Horizontal	Pass
5**	11878.300	37.53	54.0	16.47	AV	315.00	200	Horizontal	Pass
6	15599.438	50.05	74.0	23.95	Peak	212.00	200	Horizontal	Pass
6**	15599.438	39.94	54.0	14.06	AV	212.00	200	Horizontal	Pass

40 MHz, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

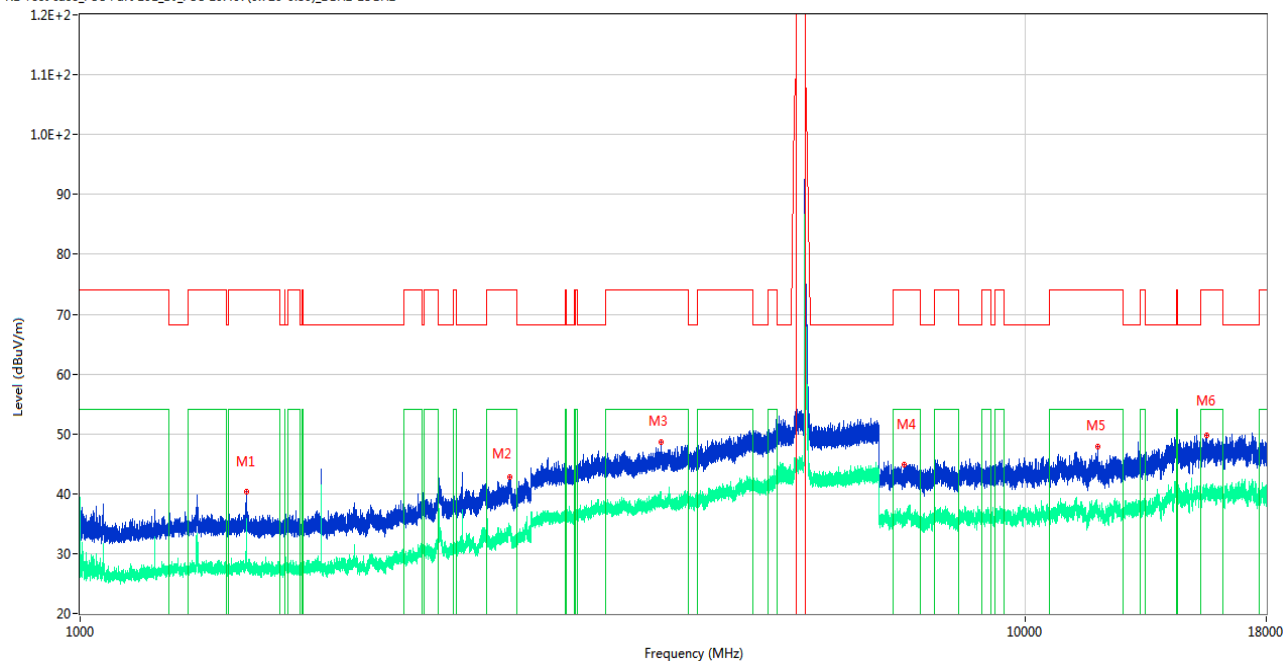
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	40.37	74.0	33.63	Peak	297.00	300	Vertical	Pass
1**	1500.000	34.86	54.0	19.14	AV	297.00	300	Vertical	Pass
2	4327.800	48.83	74.0	25.17	Peak	76.00	400	Vertical	Pass
2**	4327.800	38.86	54.0	15.14	AV	76.00	400	Vertical	Pass
3	5447.400	54.54	74.0	19.46	Peak	234.00	150	Vertical	Pass
3**	5447.400	50.65	54.0	3.35	AV	234.00	150	Vertical	Pass
4	7529.000	45.72	74.0	28.28	Peak	265.00	300	Vertical	Pass
4**	7529.000	37.32	54.0	16.68	AV	265.00	300	Vertical	Pass
5	11304.162	47.32	74.0	26.68	Peak	290.00	150	Vertical	Pass
5**	11304.162	37.41	54.0	16.59	AV	290.00	150	Vertical	Pass
6	15576.863	50.09	74.0	23.91	Peak	51.00	300	Vertical	Pass
6**	15576.863	40.71	54.0	13.29	AV	51.00	300	Vertical	Pass

40 MHz, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

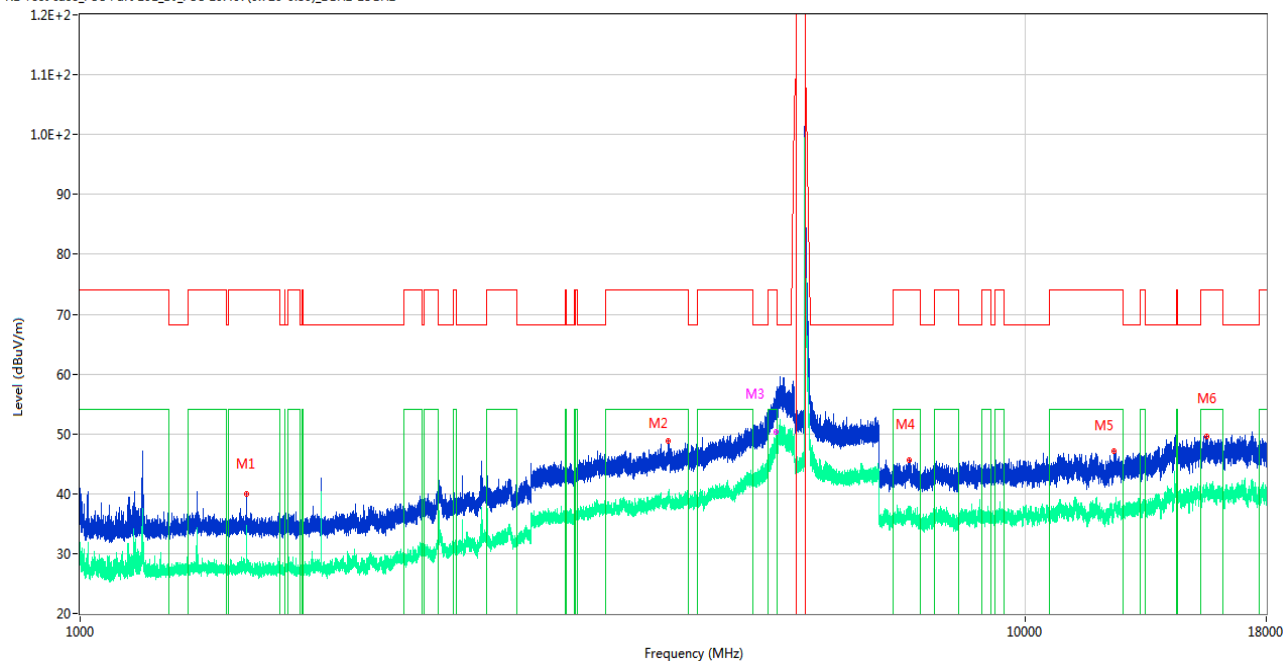
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.500	40.35	74.0	33.65	Peak	306.00	200	Horizontal	Pass
1**	1499.500	31.69	54.0	22.31	AV	306.00	200	Horizontal	Pass
2	2847.900	42.69	74.0	31.31	Peak	159.00	150	Horizontal	Pass
2**	2847.900	33.99	54.0	20.01	AV	159.00	150	Horizontal	Pass
3	4118.600	48.60	74.0	25.40	Peak	123.00	100	Horizontal	Pass
3**	4118.600	39.15	54.0	14.85	AV	123.00	100	Horizontal	Pass
4	7446.488	44.95	74.0	29.05	Peak	119.00	200	Horizontal	Pass
4**	7446.488	36.89	54.0	17.11	AV	119.00	200	Horizontal	Pass
5	11930.625	47.79	74.0	26.21	Peak	23.00	200	Horizontal	Pass
5**	11930.625	36.65	54.0	17.35	AV	23.00	200	Horizontal	Pass
6	15568.463	49.84	74.0	24.16	Peak	326.00	200	Horizontal	Pass
6**	15568.463	41.56	54.0	12.44	AV	326.00	200	Horizontal	Pass

40 MHz, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

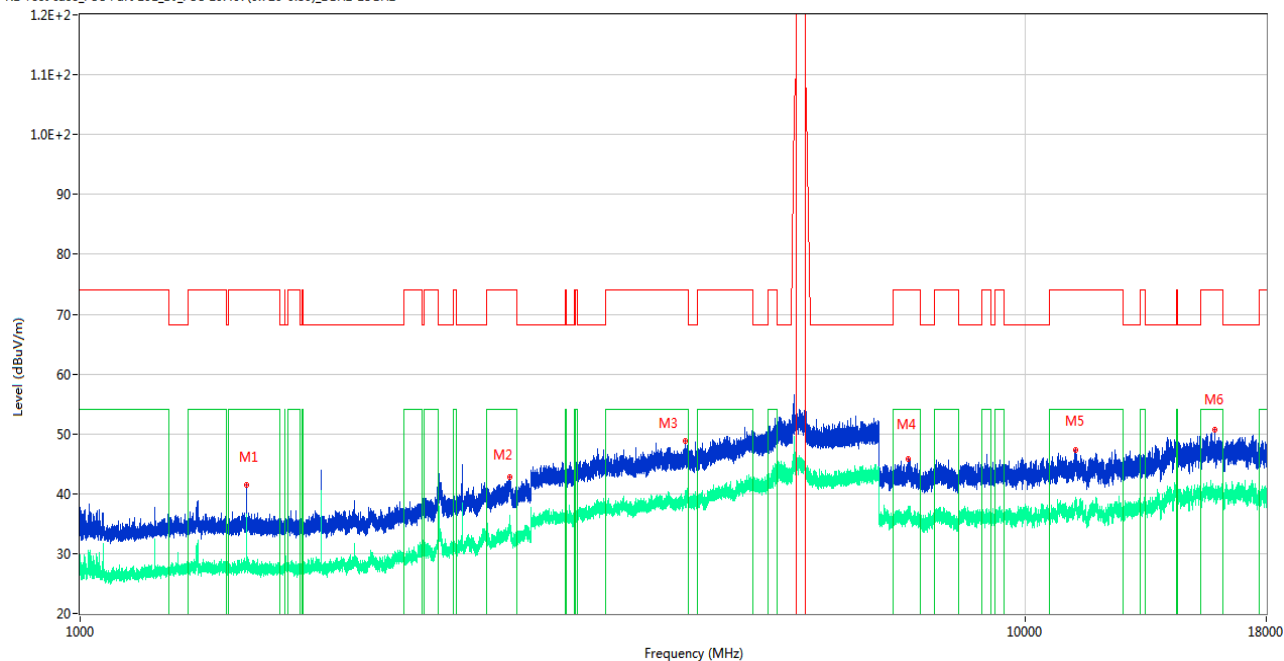
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	39.97	74.0	34.03	Peak	317.00	300	Vertical	Pass
1**	1500.100	34.60	54.0	19.40	AV	317.00	300	Vertical	Pass
2	4194.200	48.81	74.0	25.19	Peak	314.00	400	Vertical	Pass
2**	4194.200	39.46	54.0	14.54	AV	314.00	400	Vertical	Pass
3	5453.200	54.85	74.0	19.15	Peak	235.00	150	Vertical	Pass
3**	5453.200	50.23	54.0	3.77	AV	235.00	150	Vertical	Pass
4	7539.638	45.54	74.0	28.46	Peak	0.00	400	Vertical	Pass
4**	7539.638	36.28	54.0	17.72	AV	0.00	400	Vertical	Pass
5	12417.075	47.11	74.0	26.89	Peak	188.00	100	Vertical	Pass
5**	12417.075	36.85	54.0	17.15	AV	188.00	100	Vertical	Pass
6	15570.825	49.65	74.0	24.35	Peak	105.00	300	Vertical	Pass
6**	15570.825	40.47	54.0	13.53	AV	105.00	300	Vertical	Pass

60 MHz, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

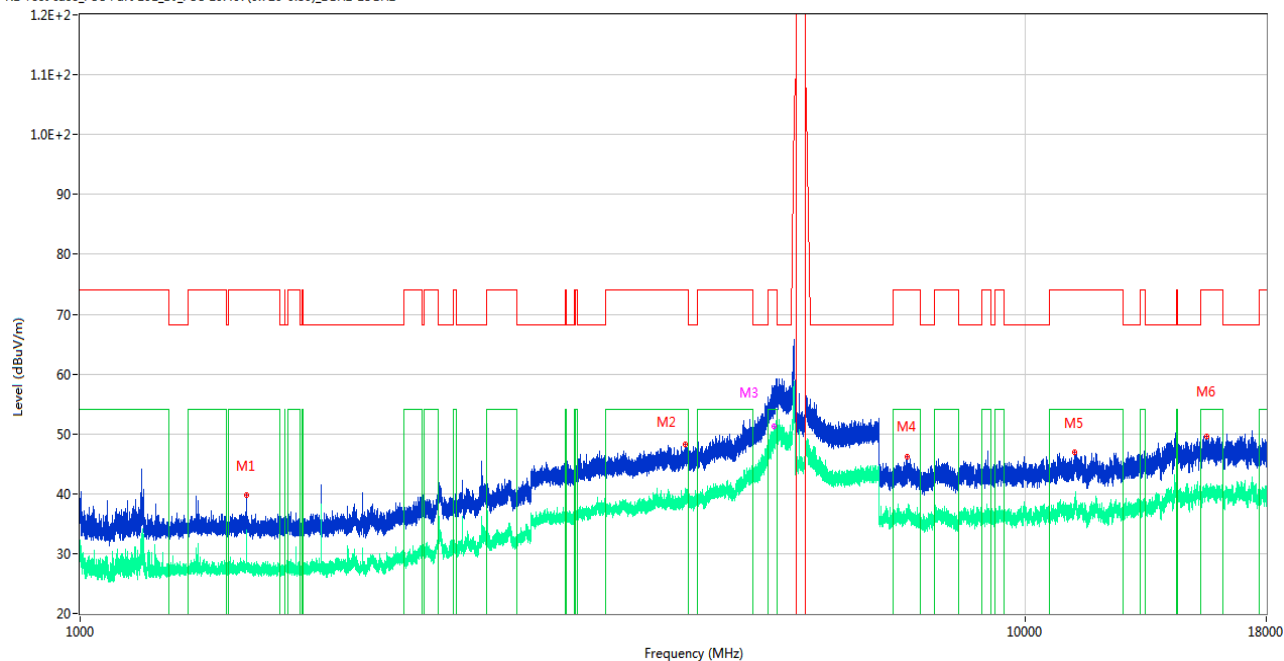
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.700	41.49	74.0	32.51	Peak	333.00	100	Horizontal	Pass
1**	1499.700	35.11	54.0	18.89	AV	333.00	100	Horizontal	Pass
2	2849.700	42.70	74.0	31.30	Peak	0.00	150	Horizontal	Pass
2**	2849.700	33.55	54.0	20.45	AV	0.00	150	Horizontal	Pass
3	4366.800	48.87	74.0	25.13	Peak	188.00	200	Horizontal	Pass
3**	4366.800	40.19	54.0	13.81	AV	188.00	200	Horizontal	Pass
4	7518.075	45.86	74.0	28.14	Peak	177.00	400	Horizontal	Pass
4**	7518.075	36.62	54.0	17.38	AV	177.00	400	Horizontal	Pass
5	11312.500	47.24	74.0	26.76	Peak	360.00	100	Horizontal	Pass
5**	11312.500	37.61	54.0	16.39	AV	360.00	100	Horizontal	Pass
6	15879.525	50.69	74.0	23.31	Peak	252.00	400	Horizontal	Pass
6**	15879.525	40.40	54.0	13.60	AV	252.00	400	Horizontal	Pass

60 MHz, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

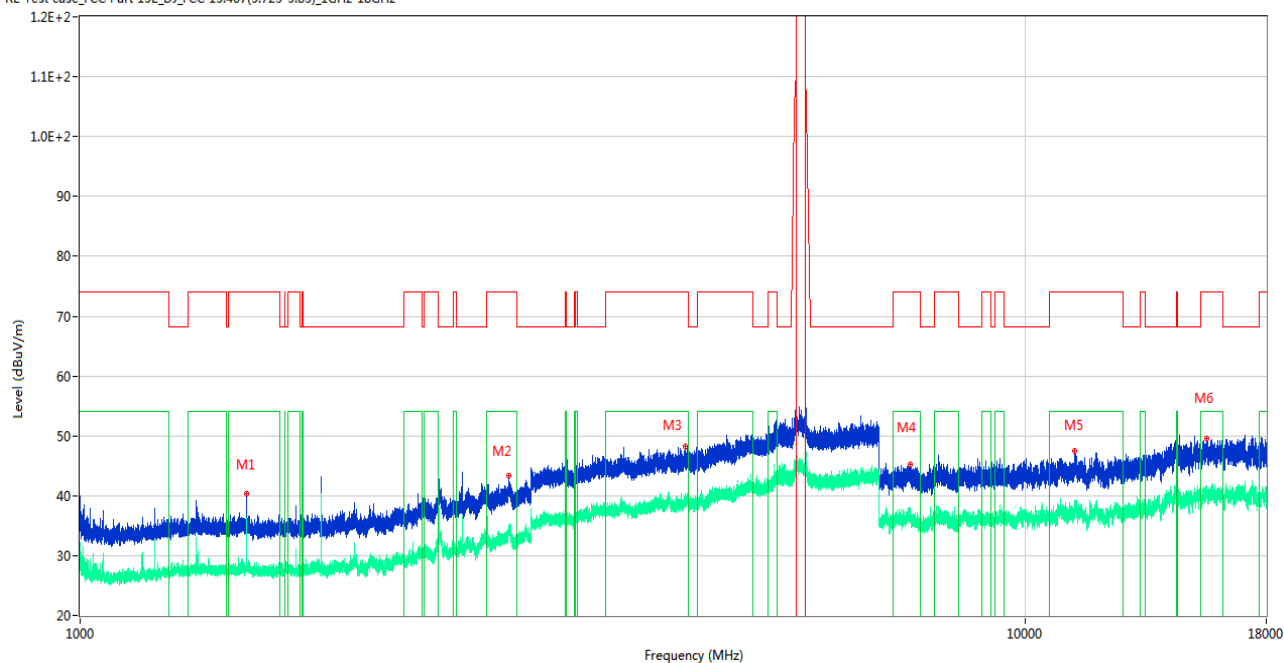
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.200	39.75	74.0	34.25	Peak	319.00	100	Vertical	Pass
1**	1500.200	33.79	54.0	20.21	AV	319.00	100	Vertical	Pass
2	4367.000	48.25	74.0	25.75	Peak	0.00	200	Vertical	Pass
2**	4367.000	40.68	54.0	13.32	AV	0.00	200	Vertical	Pass
3	5431.000	54.54	74.0	19.46	Peak	3.00	150	Vertical	Pass
3**	5431.000	51.21	54.0	2.79	AV	3.00	150	Vertical	Pass
4	7501.112	46.27	74.0	27.73	Peak	26.00	300	Vertical	Pass
4**	7501.112	36.52	54.0	17.48	AV	26.00	300	Vertical	Pass
5	11282.312	46.84	74.0	27.16	Peak	130.00	100	Vertical	Pass
5**	11282.312	37.58	54.0	16.42	AV	130.00	100	Vertical	Pass
6	15576.075	49.64	74.0	24.36	Peak	305.00	100	Vertical	Pass
6**	15576.075	40.44	54.0	13.56	AV	305.00	100	Vertical	Pass

60 MHz, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

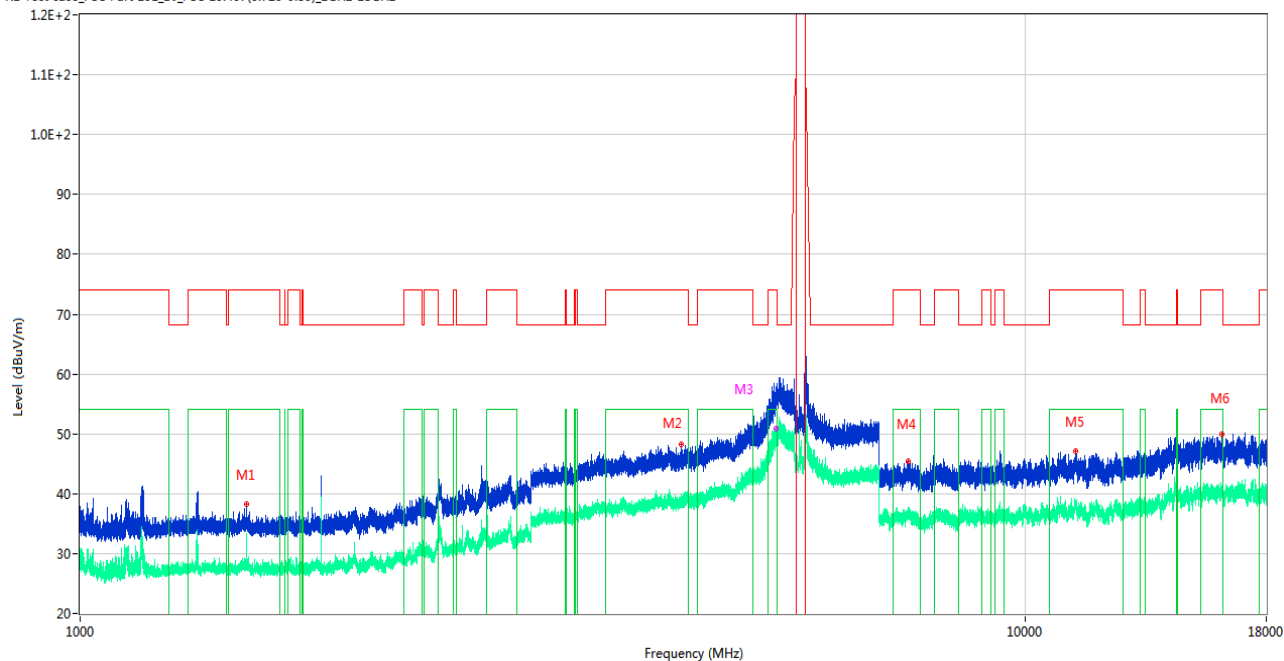
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.900	40.31	74.0	33.69	Peak	339.00	100	Horizontal	Pass
1**	1499.900	34.41	54.0	19.59	AV	339.00	100	Horizontal	Pass
2	2844.200	43.38	74.0	30.62	Peak	164.00	150	Horizontal	Pass
2**	2844.200	34.32	54.0	19.68	AV	164.00	150	Horizontal	Pass
3	4372.200	48.20	74.0	25.80	Peak	161.00	100	Horizontal	Pass
3**	4372.200	38.39	54.0	15.61	AV	161.00	100	Horizontal	Pass
4	7558.612	45.16	74.0	28.84	Peak	287.00	400	Horizontal	Pass
4**	7558.612	36.72	54.0	17.28	AV	287.00	400	Horizontal	Pass
5	11275.700	47.48	74.0	26.52	Peak	94.00	200	Horizontal	Pass
5**	11275.700	37.44	54.0	16.56	AV	94.00	200	Horizontal	Pass
6	15579.487	49.55	74.0	24.45	Peak	336.00	300	Horizontal	Pass
6**	15579.487	41.54	54.0	12.46	AV	336.00	300	Horizontal	Pass

60 MHz, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

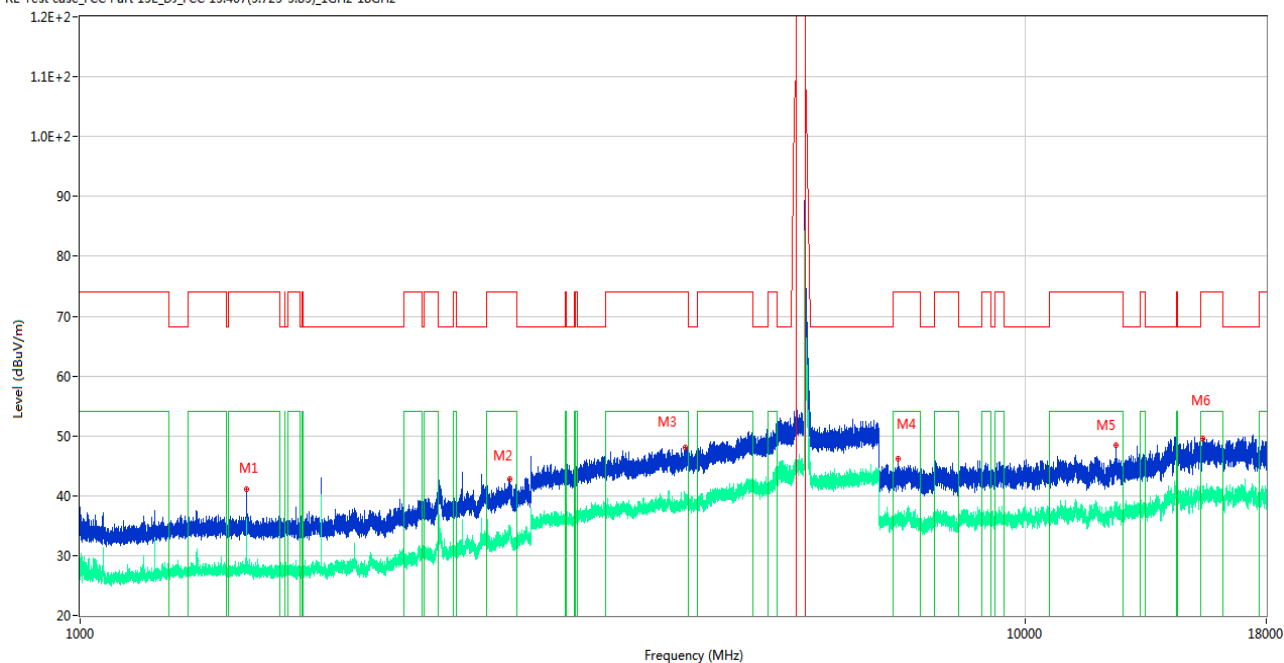
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.300	38.24	74.0	35.76	Peak	306.00	200	Vertical	Pass
1**	1500.300	33.34	54.0	20.66	AV	306.00	200	Vertical	Pass
2	4323.200	48.22	74.0	25.78	Peak	347.00	200	Vertical	Pass
2**	4323.200	38.52	54.0	15.48	AV	347.00	200	Vertical	Pass
3	5445.800	54.75	74.0	19.25	Peak	216.00	150	Vertical	Pass
3**	5445.800	50.91	54.0	3.09	AV	216.00	150	Vertical	Pass
4	7519.513	45.43	74.0	28.57	Peak	360.00	200	Vertical	Pass
4**	7519.513	36.63	54.0	17.37	AV	360.00	200	Vertical	Pass
5	11307.900	47.07	74.0	26.93	Peak	23.00	100	Vertical	Pass
5**	11307.900	37.83	54.0	16.17	AV	23.00	100	Vertical	Pass
6	16147.800	49.91	74.0	24.09	Peak	37.00	100	Vertical	Pass
6**	16147.800	40.40	54.0	13.60	AV	37.00	100	Vertical	Pass

60 MHz, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

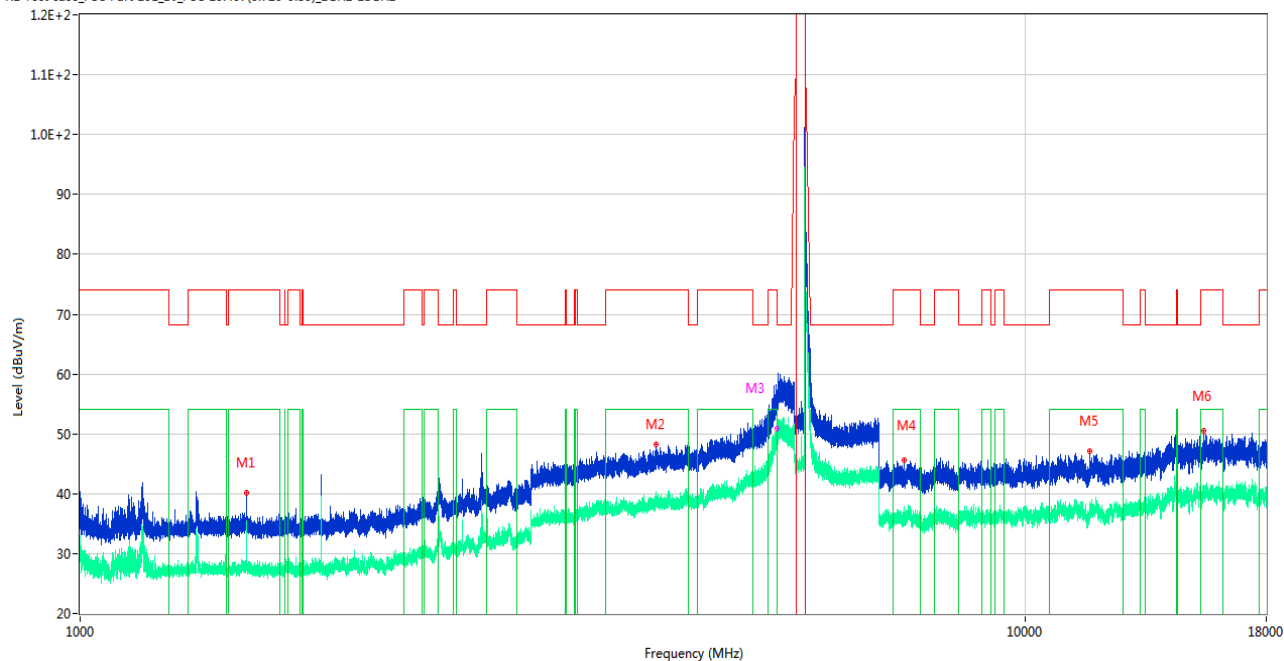
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.300	41.00	74.0	33.00	Peak	328.00	400	Horizontal	Pass
1**	1500.300	35.11	54.0	18.89	AV	328.00	400	Horizontal	Pass
2	2849.400	42.72	74.0	31.28	Peak	354.00	150	Horizontal	Pass
2**	2849.400	34.31	54.0	19.69	AV	354.00	150	Horizontal	Pass
3	4368.000	48.14	74.0	25.86	Peak	280.00	300	Horizontal	Pass
3**	4368.000	38.77	54.0	15.23	AV	280.00	300	Horizontal	Pass
4	7333.212	46.27	74.0	27.73	Peak	95.00	300	Horizontal	Pass
4**	7333.212	35.67	54.0	18.33	AV	95.00	300	Horizontal	Pass
5	12477.450	48.48	74.0	25.52	Peak	45.00	200	Horizontal	Pass
5**	12477.450	37.55	54.0	16.45	AV	45.00	200	Horizontal	Pass
6	15433.800	49.56	74.0	24.44	Peak	256.00	200	Horizontal	Pass
6**	15433.800	39.37	54.0	14.63	AV	256.00	200	Horizontal	Pass

60 MHz, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

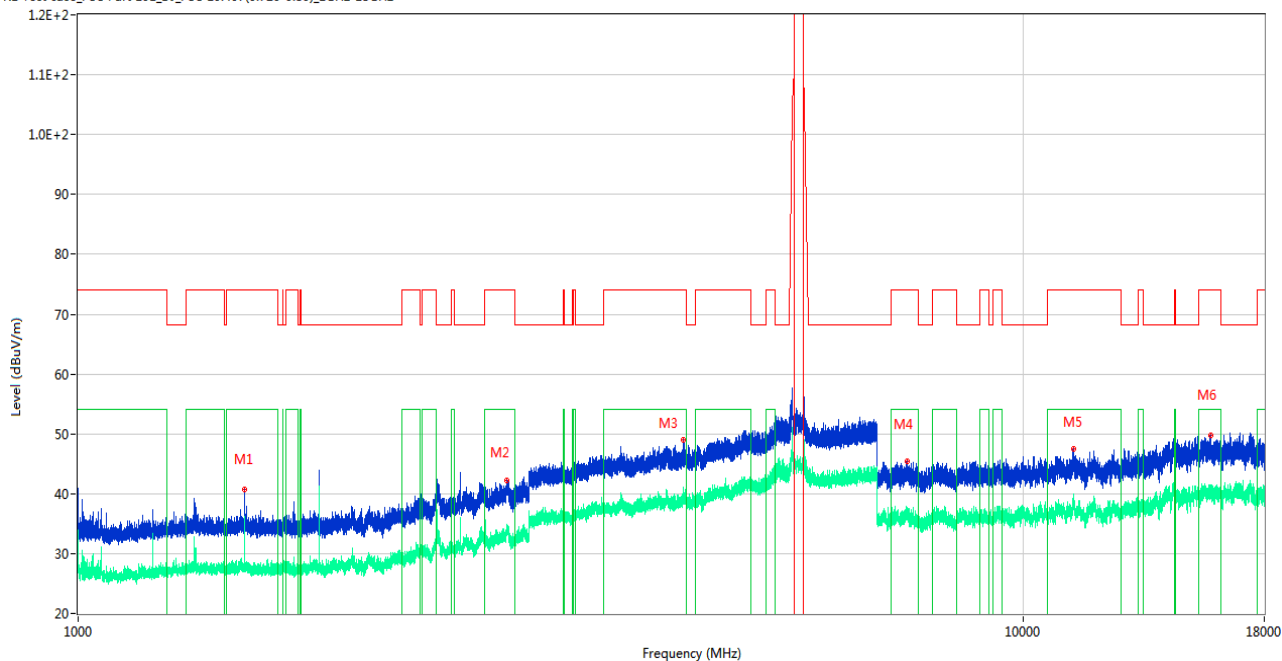
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	40.21	74.0	33.79	Peak	316.00	200	Vertical	Pass
1**	1500.000	35.48	54.0	18.52	AV	316.00	200	Vertical	Pass
2	4072.200	48.17	74.0	25.83	Peak	282.00	200	Vertical	Pass
2**	4072.200	40.28	54.0	13.72	AV	282.00	200	Vertical	Pass
3	5458.600	56.50	74.0	17.50	Peak	0.00	150	Vertical	Pass
3**	5458.600	50.87	54.0	3.13	AV	0.00	150	Vertical	Pass
4	7442.462	45.71	74.0	28.29	Peak	145.00	300	Vertical	Pass
4**	7442.462	36.99	54.0	17.01	AV	145.00	300	Vertical	Pass
5	11715.000	47.16	74.0	26.84	Peak	70.00	100	Vertical	Pass
5**	11715.000	37.80	54.0	16.20	AV	70.00	100	Vertical	Pass
6	15469.237	50.47	74.0	23.53	Peak	336.00	400	Vertical	Pass
6**	15469.237	40.52	54.0	13.48	AV	336.00	400	Vertical	Pass

80 MHz, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

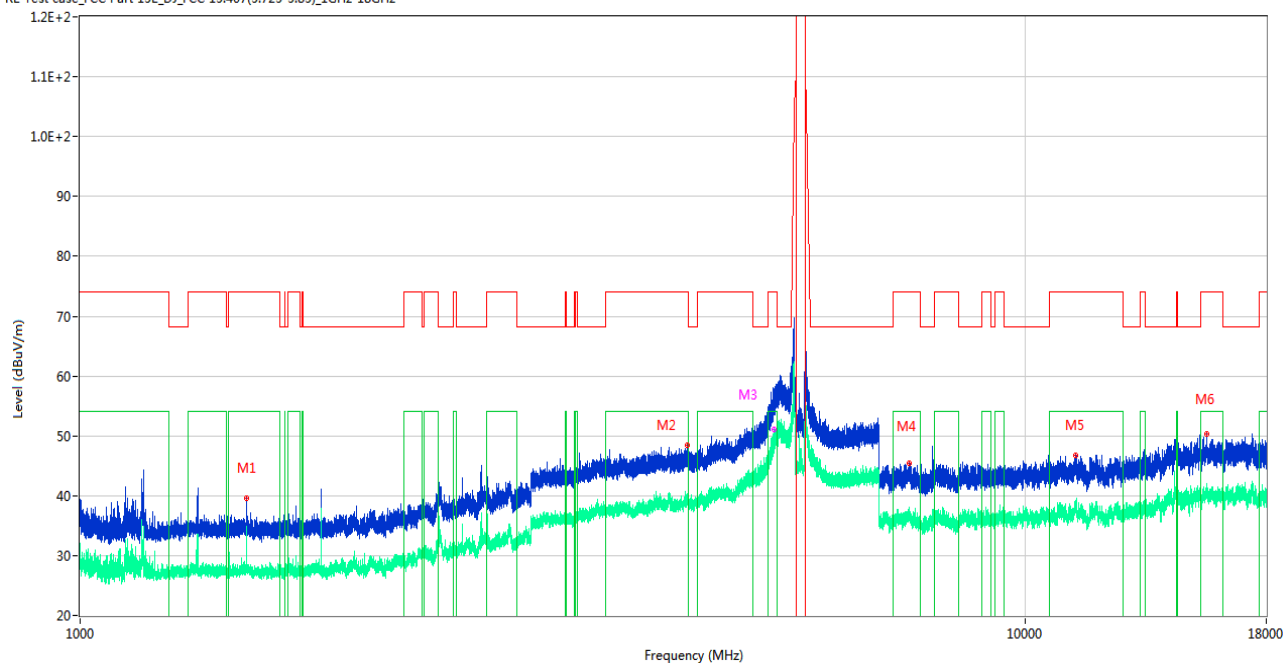
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.300	40.72	74.0	33.28	Peak	332.00	300	Horizontal	Pass
1**	1500.300	34.66	54.0	19.34	AV	332.00	300	Horizontal	Pass
2	2844.800	42.27	74.0	31.73	Peak	91.00	150	Horizontal	Pass
2**	2844.800	33.87	54.0	20.13	AV	91.00	150	Horizontal	Pass
3	4366.800	48.91	74.0	25.09	Peak	206.00	400	Horizontal	Pass
3**	4366.800	39.45	54.0	14.55	AV	206.00	400	Horizontal	Pass
4	7533.887	45.46	74.0	28.54	Peak	314.00	200	Horizontal	Pass
4**	7533.887	36.71	54.0	17.29	AV	314.00	200	Horizontal	Pass
5	11311.062	47.54	74.0	26.46	Peak	314.00	150	Horizontal	Pass
5**	11311.062	38.69	54.0	15.31	AV	314.00	150	Horizontal	Pass
6	15799.725	49.83	74.0	24.17	Peak	38.00	200	Horizontal	Pass
6**	15799.725	40.15	54.0	13.85	AV	38.00	200	Horizontal	Pass

80 MHz, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

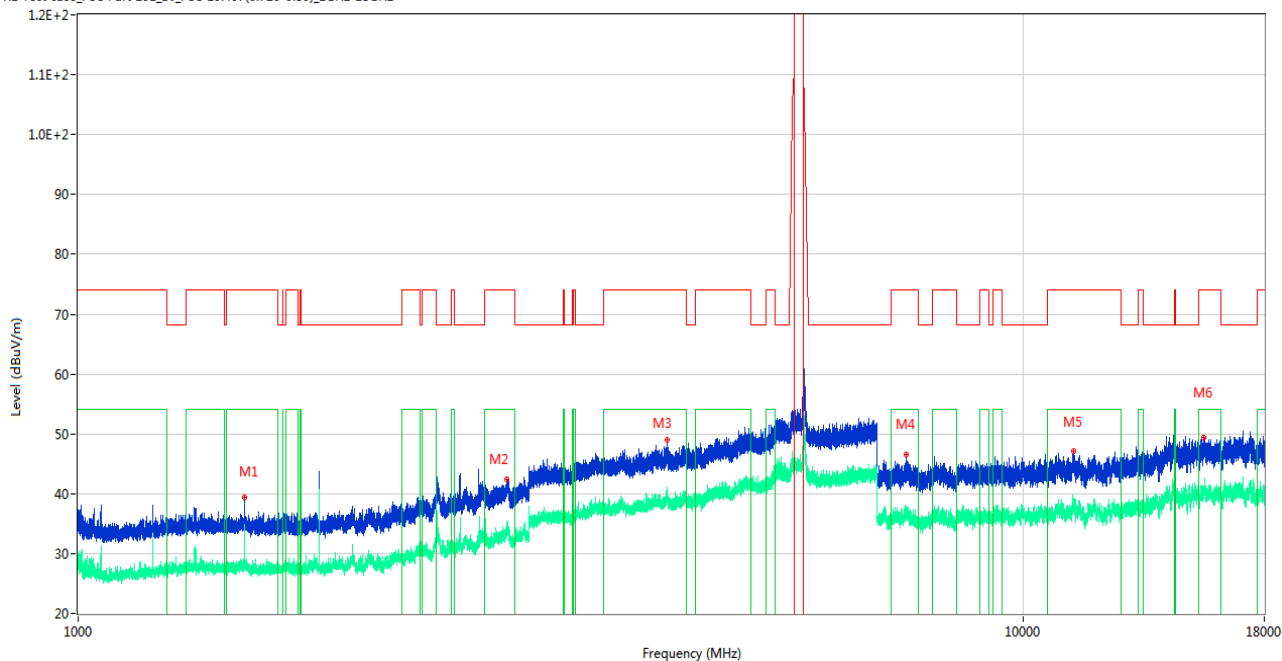
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	39.60	74.0	34.40	Peak	328.00	200	Vertical	Pass
1**	1500.100	34.12	54.0	19.88	AV	328.00	200	Vertical	Pass
2	4393.600	48.52	74.0	25.48	Peak	270.00	200	Vertical	Pass
2**	4393.600	40.00	54.0	14.00	AV	270.00	200	Vertical	Pass
3	5426.000	56.53	74.0	17.47	Peak	239.00	150	Vertical	Pass
3**	5426.000	51.12	54.0	2.88	AV	239.00	150	Vertical	Pass
4	7546.825	45.45	74.0	28.55	Peak	360.00	200	Vertical	Pass
4**	7546.825	36.94	54.0	17.06	AV	360.00	200	Vertical	Pass
5	11313.075	46.78	74.0	27.22	Peak	119.00	100	Vertical	Pass
5**	11313.075	38.04	54.0	15.96	AV	119.00	100	Vertical	Pass
6	15573.188	50.40	74.0	23.60	Peak	120.00	300	Vertical	Pass
6**	15573.188	40.33	54.0	13.67	AV	120.00	300	Vertical	Pass

80 MHz, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

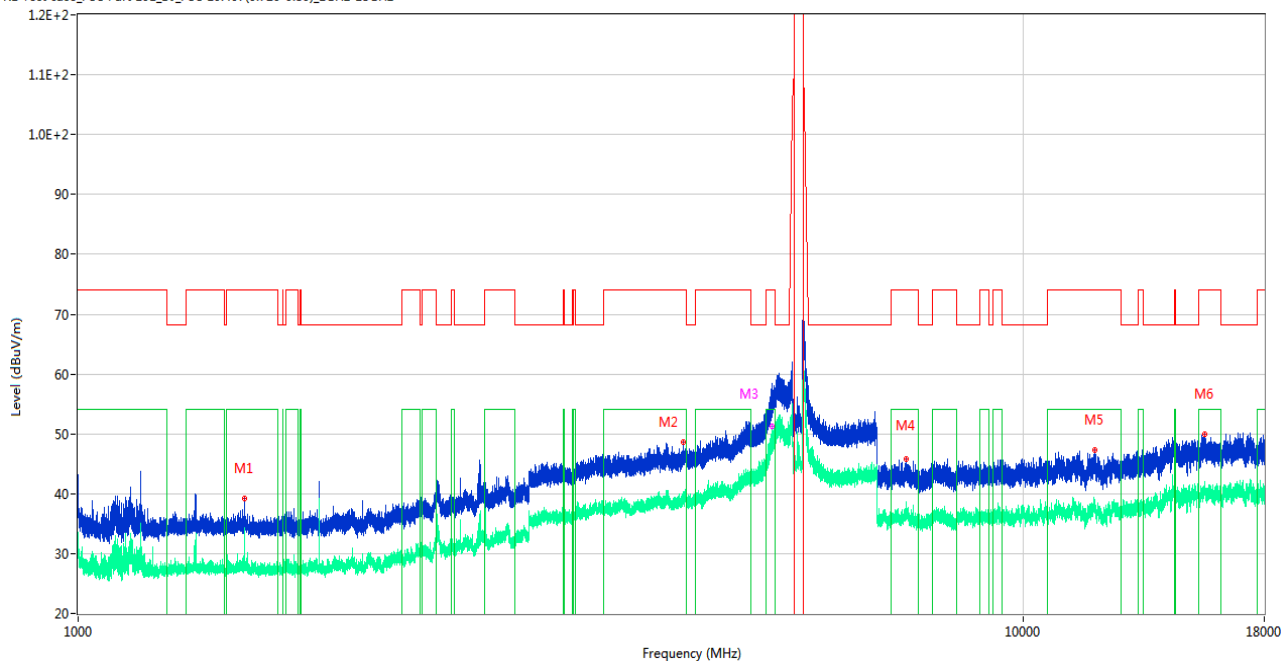
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	39.41	74.0	34.59	Peak	312.00	400	Horizontal	Pass
1**	1500.100	33.74	54.0	20.26	AV	312.00	400	Horizontal	Pass
2	2841.100	42.34	74.0	31.66	Peak	97.00	150	Horizontal	Pass
2**	2841.100	33.03	54.0	20.97	AV	97.00	150	Horizontal	Pass
3	4198.600	49.07	74.0	24.93	Peak	347.00	300	Horizontal	Pass
3**	4198.600	39.49	54.0	14.51	AV	347.00	300	Horizontal	Pass
4	7520.663	46.62	74.0	27.38	Peak	360.00	300	Horizontal	Pass
4**	7520.663	37.05	54.0	16.95	AV	360.00	300	Horizontal	Pass
5	11322.276	47.03	74.0	26.97	Peak	45.00	200	Horizontal	Pass
5**	11322.276	38.17	54.0	15.83	AV	45.00	200	Horizontal	Pass
6	15518.588	49.40	74.0	24.60	Peak	90.00	100	Horizontal	Pass
6**	15518.588	40.08	54.0	13.92	AV	90.00	100	Horizontal	Pass

80 MHz, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

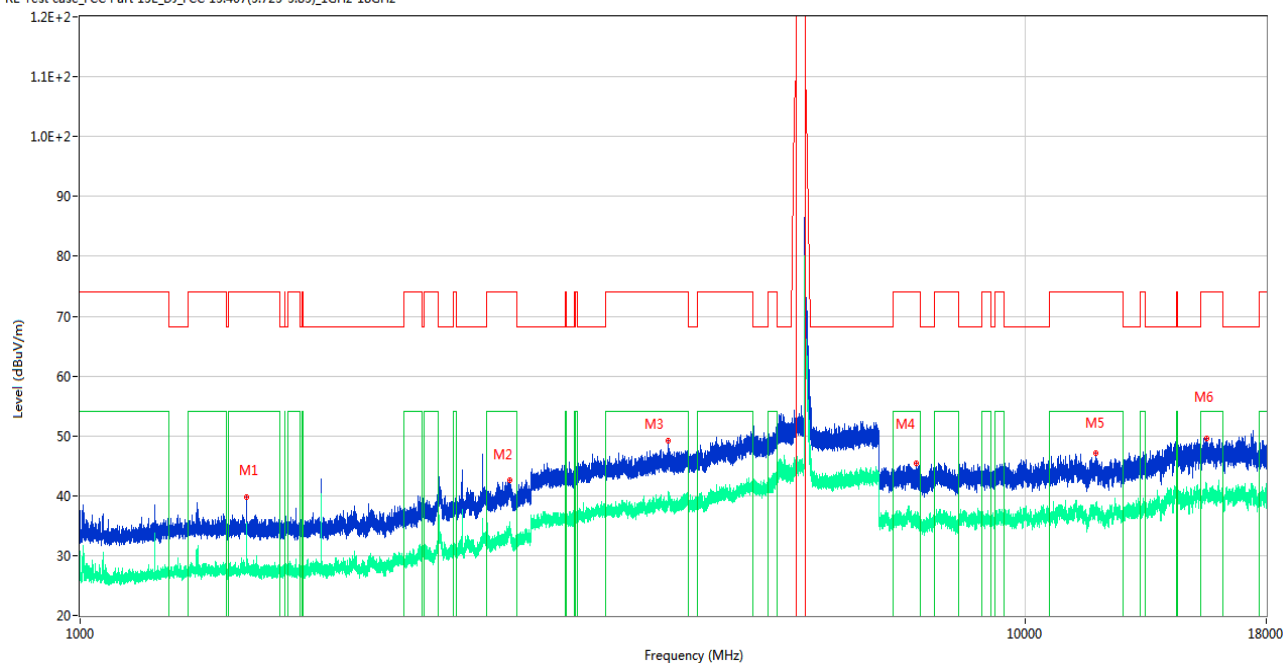
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.400	39.30	74.0	34.70	Peak	301.00	300	Vertical	Pass
1**	1500.400	33.65	54.0	20.35	AV	301.00	300	Vertical	Pass
2	4367.800	48.69	74.0	25.31	Peak	223.00	400	Vertical	Pass
2**	4367.800	39.96	54.0	14.04	AV	223.00	400	Vertical	Pass
3	5430.600	54.81	74.0	19.19	Peak	192.00	150	Vertical	Pass
3**	5430.600	51.27	54.0	2.73	AV	192.00	150	Vertical	Pass
4	7520.663	45.81	74.0	28.19	Peak	316.00	200	Vertical	Pass
4**	7520.663	36.58	54.0	17.42	AV	316.00	200	Vertical	Pass
5	11900.151	47.34	74.0	26.66	Peak	194.00	200	Vertical	Pass
5**	11900.151	38.43	54.0	15.57	AV	194.00	200	Vertical	Pass
6	15576.600	49.87	74.0	24.13	Peak	64.00	300	Vertical	Pass
6**	15576.600	40.40	54.0	13.60	AV	64.00	300	Vertical	Pass

80 MHz, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

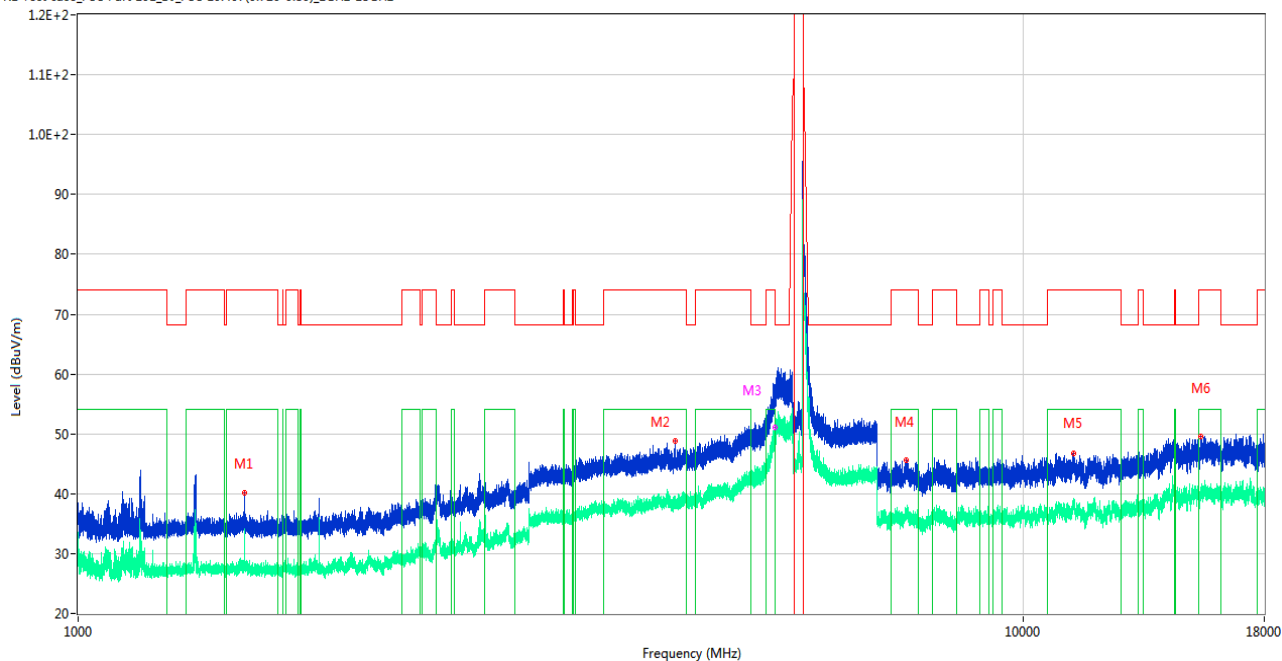
RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	39.85	74.0	34.15	Peak	306.00	200	Horizontal	Pass
1**	1500.000	35.42	54.0	18.58	AV	306.00	200	Horizontal	Pass
2	2847.200	42.51	74.0	31.49	Peak	109.00	150	Horizontal	Pass
2**	2847.200	34.36	54.0	19.64	AV	109.00	150	Horizontal	Pass
3	4194.800	49.10	74.0	24.90	Peak	61.00	200	Horizontal	Pass
3**	4194.800	39.43	54.0	14.57	AV	61.00	200	Horizontal	Pass
4	7677.063	45.38	74.0	28.62	Peak	291.00	400	Horizontal	Pass
4**	7677.063	36.71	54.0	17.29	AV	291.00	400	Horizontal	Pass
5	11887.787	47.19	74.0	26.81	Peak	217.00	100	Horizontal	Pass
5**	11887.787	37.89	54.0	16.11	AV	217.00	100	Horizontal	Pass
6	15571.875	49.58	74.0	24.42	Peak	65.00	300	Horizontal	Pass
6**	15571.875	41.14	54.0	12.86	AV	65.00	300	Horizontal	Pass

80 MHz, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

RE Test case_FCC Part 15E_DJ_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.600	40.07	74.0	33.93	Peak	325.00	300	Vertical	Pass
1**	1499.600	31.66	54.0	22.34	AV	325.00	300	Vertical	Pass
2	4285.800	48.79	74.0	25.21	Peak	33.00	300	Vertical	Pass
2**	4285.800	38.86	54.0	15.14	AV	33.00	300	Vertical	Pass
3	5459.200	55.19	74.0	18.81	Peak	221.00	150	Vertical	Pass
3**	5459.200	51.07	54.0	2.93	AV	221.00	150	Vertical	Pass
4	7529.000	45.69	74.0	28.31	Peak	69.00	400	Vertical	Pass
4**	7529.000	37.39	54.0	16.61	AV	69.00	400	Vertical	Pass
5	11322.849	46.81	74.0	27.19	Peak	94.00	200	Vertical	Pass
5**	11322.849	38.43	54.0	15.57	AV	94.00	200	Vertical	Pass
6	15415.687	49.62	74.0	24.38	Peak	174.00	100	Vertical	Pass
6**	15415.687	40.08	54.0	13.92	AV	174.00	100	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

Test Band	Mode	Channel	Verdict
U-NII-1	10 MHz	Low	Pass
		High	Pass
	20 MHz	Low	Pass
		High	Pass
	40 MHz	Low	Pass
		High	Pass
	60 MHz	Low	Pass
		High	Pass
U-NII-3	10 MHz	Low	Pass
		High	Pass
	20 MHz	Low	Pass
		High	Pass
	40 MHz	Low	Pass
		High	Pass
	60 MHz	Low	Pass
		High	Pass
	80 MHz	Low	Pass
		High	Pass

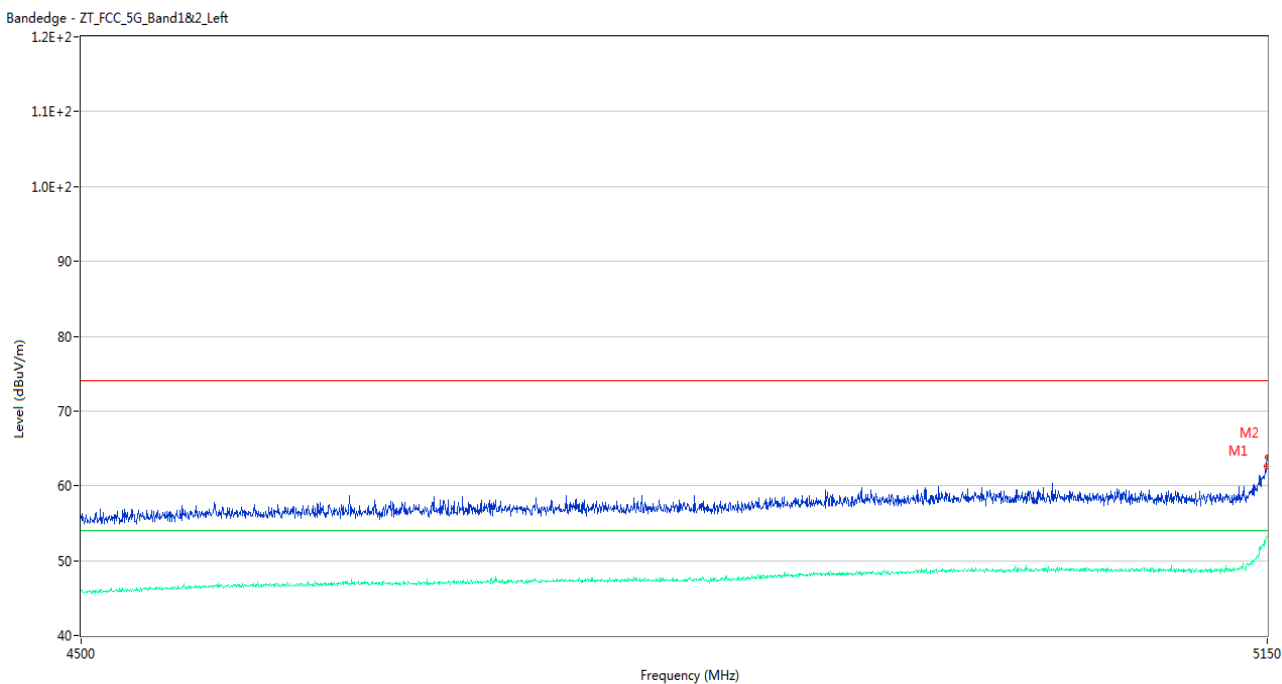
Note ¹: Both horizontal and vertical directions were pre tested, only the worst configuration has been reported in this report.

Note ²: All antenna were pre tested, but only the worst case has been reported in this report.

Test Data and Plots

MIMO

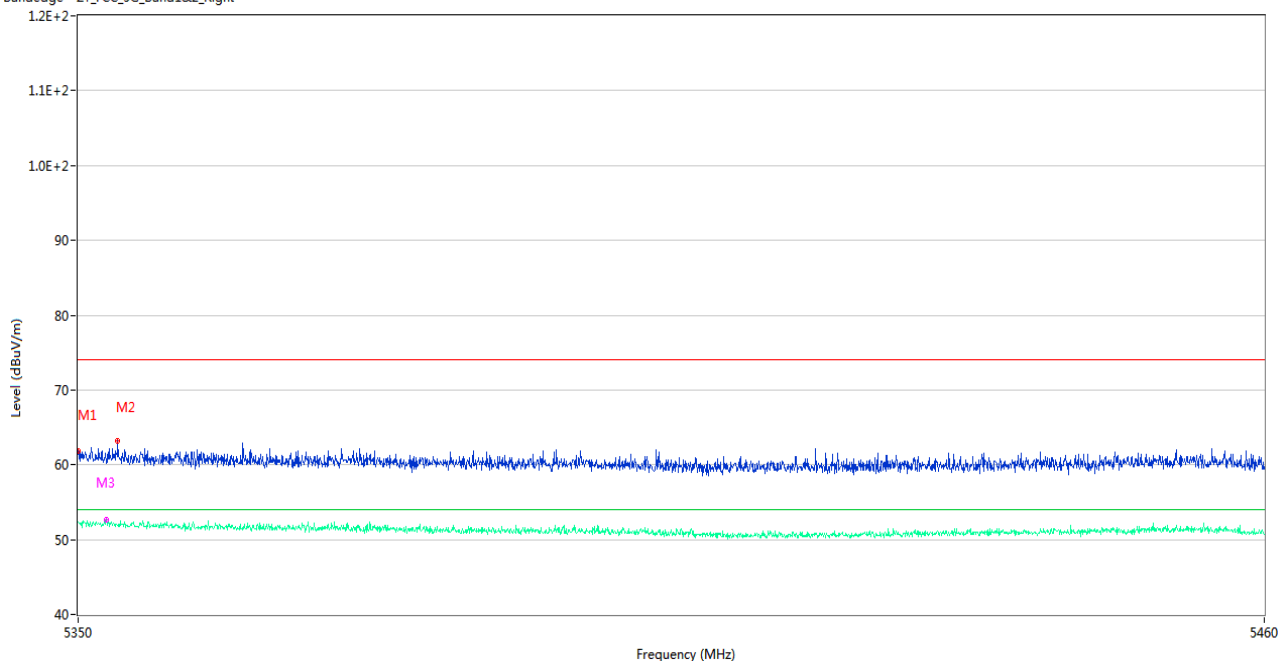
U-NII-1 10 MHz Low Channel



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	62.67	74.0	11.33	Peak	137.00	100	Vertical	Pass
1**	5149.675	52.92	54.0	1.08	AV	137.00	100	Vertical	Pass
2	5150.000	63.76	74.0	10.24	Peak	29.00	200	Vertical	Pass
2**	5150.000	53.31	54.0	0.69	AV	29.00	200	Vertical	Pass

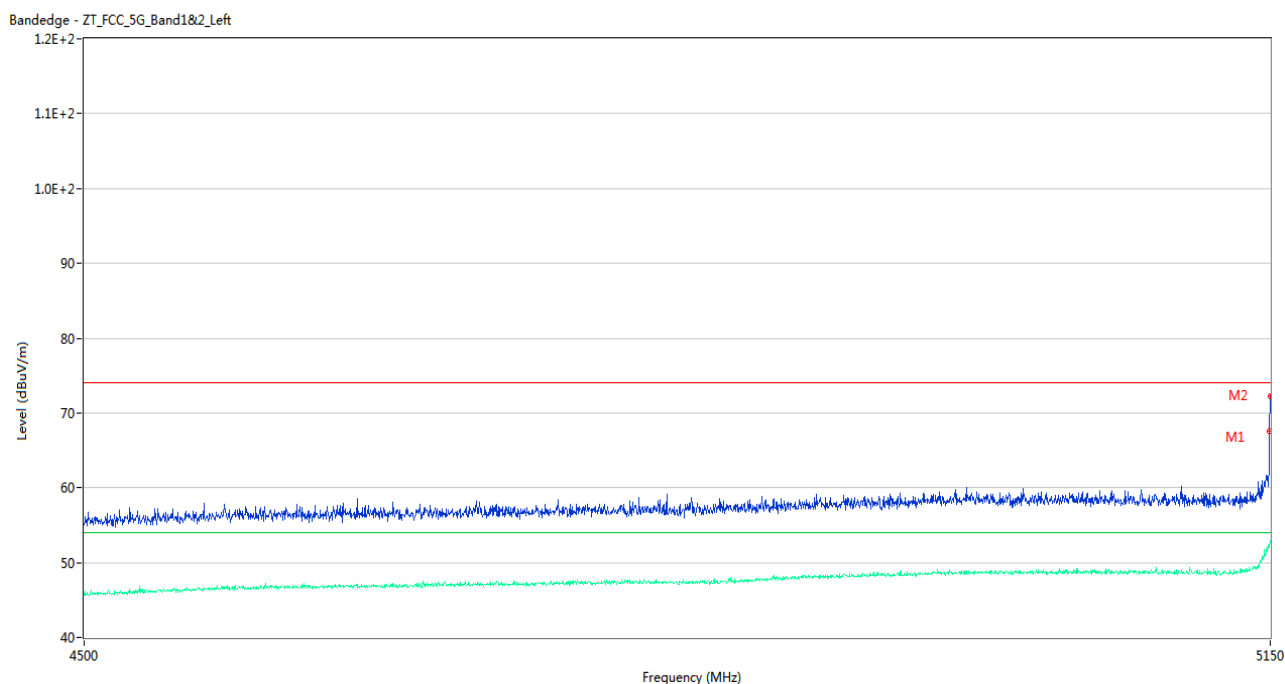
U-NII-1 10 MHz High Channel

Bandedge - ZT_FCC_5G_Band1&2_Right



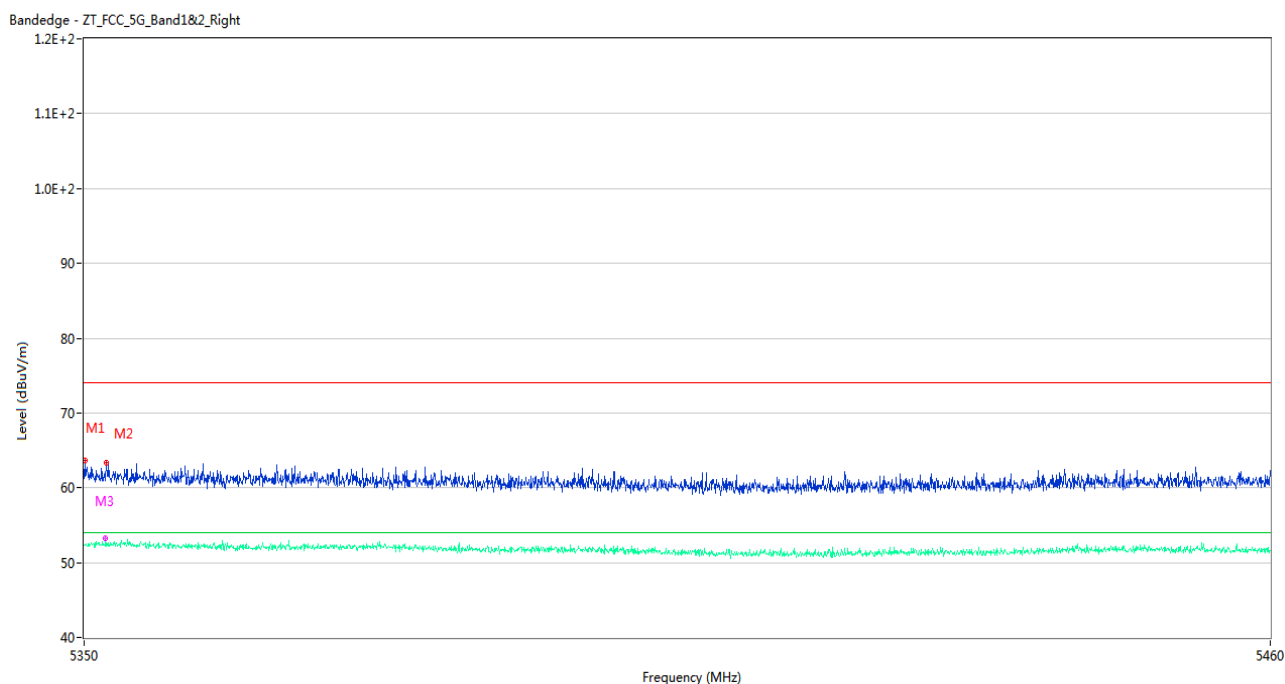
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	61.81	74.0	12.19	Peak	133.00	200	Vertical	Pass
1**	5350.000	52.35	54.0	1.65	AV	133.00	200	Vertical	Pass
2	5353.630	63.22	74.0	10.78	Peak	254.00	200	Vertical	Pass
2**	5353.630	51.84	54.0	2.16	AV	254.00	200	Vertical	Pass
3	5352.585	60.22	74.0	13.78	Peak	90.00	150	Vertical	Pass
3**	5352.585	52.68	54.0	1.32	AV	90.00	150	Vertical	Pass

U-NII-1 20 MHz Low Channel



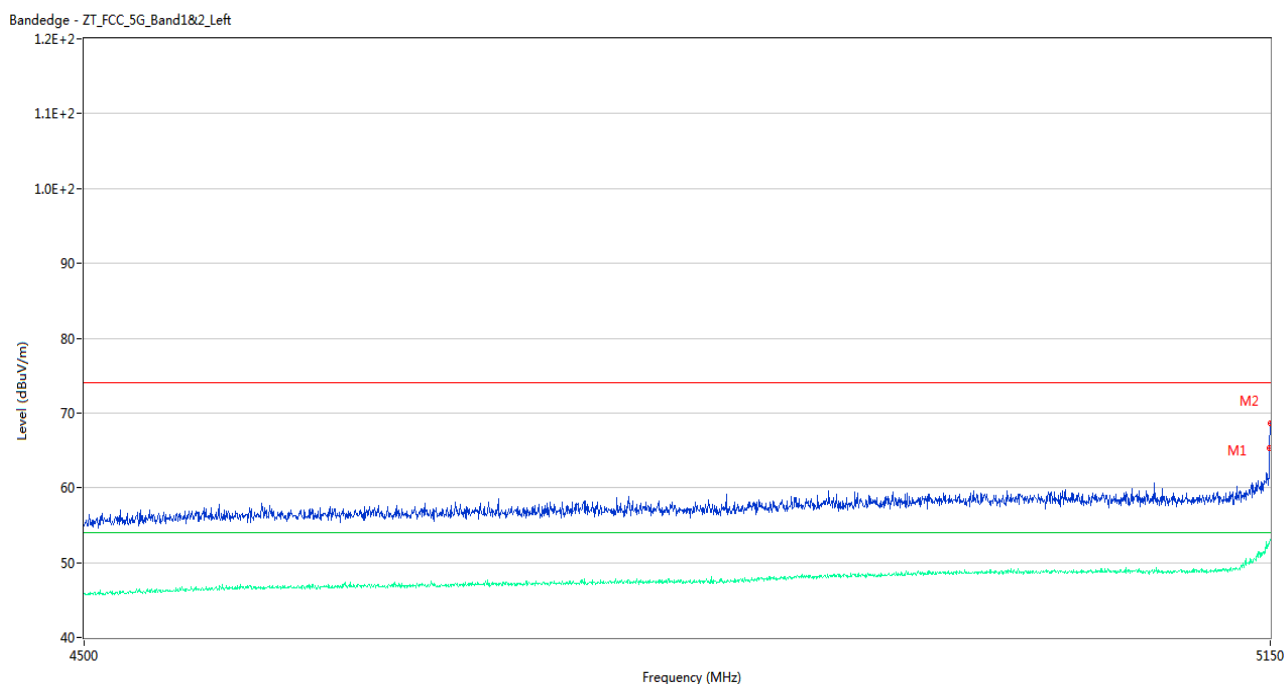
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	67.64	74.0	6.36	Peak	205.00	150	Vertical	Pass
1**	5149.675	52.10	54.0	1.90	AV	205.00	150	Vertical	Pass
2	5150.000	72.28	74.0	1.72	Peak	231.00	200	Vertical	Pass
2**	5150.000	52.92	54.0	1.08	AV	231.00	200	Vertical	Pass

U-NII-1 20 MHz High Channel



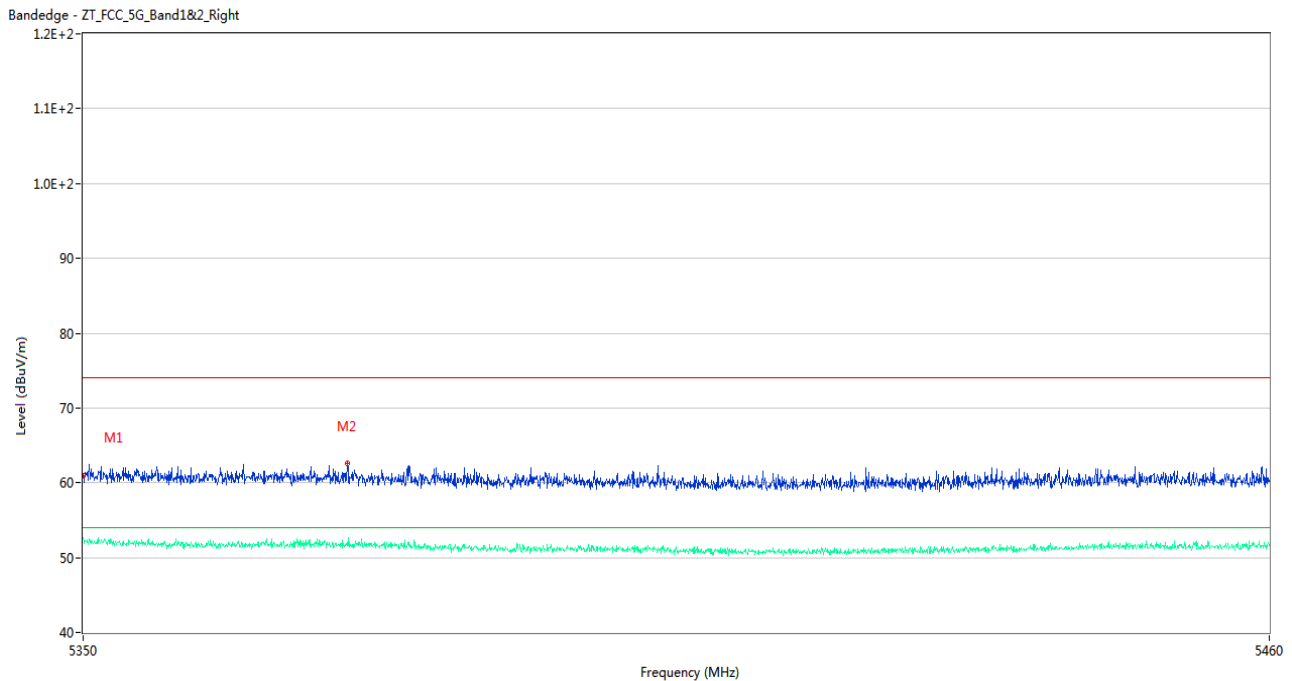
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	63.66	74.0	10.34	Peak	137.00	100	Vertical	Pass
1**	5350.055	52.36	54.0	1.64	AV	137.00	100	Vertical	Pass
2	5352.035	63.28	74.0	10.72	Peak	151.00	200	Vertical	Pass
2**	5352.035	52.24	54.0	1.76	AV	151.00	200	Vertical	Pass
3	5351.980	61.10	74.0	12.90	Peak	137.00	150	Vertical	Pass
3**	5351.980	53.21	54.0	0.79	AV	137.00	150	Vertical	Pass

U-NII-1 40 MHz Low Channel



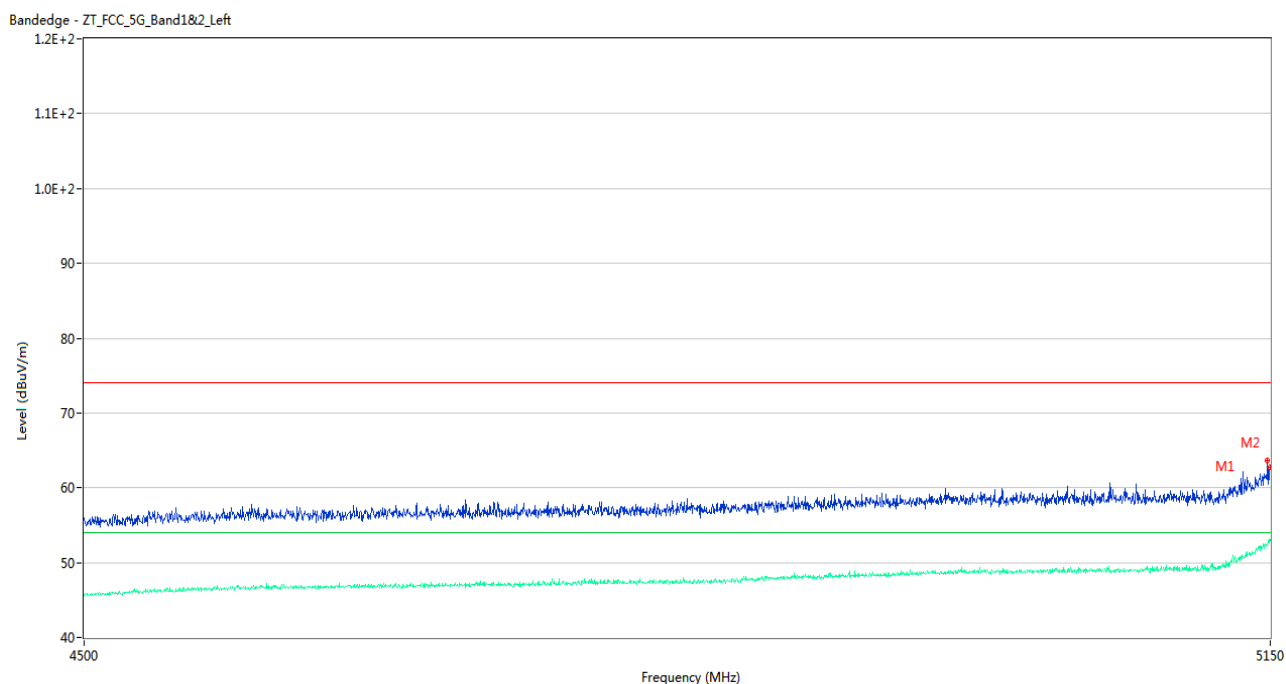
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	65.24	74.0	8.76	Peak	214.00	100	Vertical	Pass
1**	5149.675	52.44	54.0	1.56	AV	214.00	100	Vertical	Pass
2	5150.000	68.58	74.0	5.42	Peak	236.00	150	Vertical	Pass
2**	5150.000	53.09	54.0	0.91	AV	236.00	150	Vertical	Pass

U-NII-1 40 MHz High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	60.96	74.0	13.04	Peak	205.00	150	Vertical	Pass
1**	5350.000	52.65	54.0	1.35	AV	205.00	150	Vertical	Pass
2	5374.310	62.53	74.0	11.47	Peak	134.00	200	Vertical	Pass
2**	5374.310	51.59	54.0	2.41	AV	134.00	200	Vertical	Pass

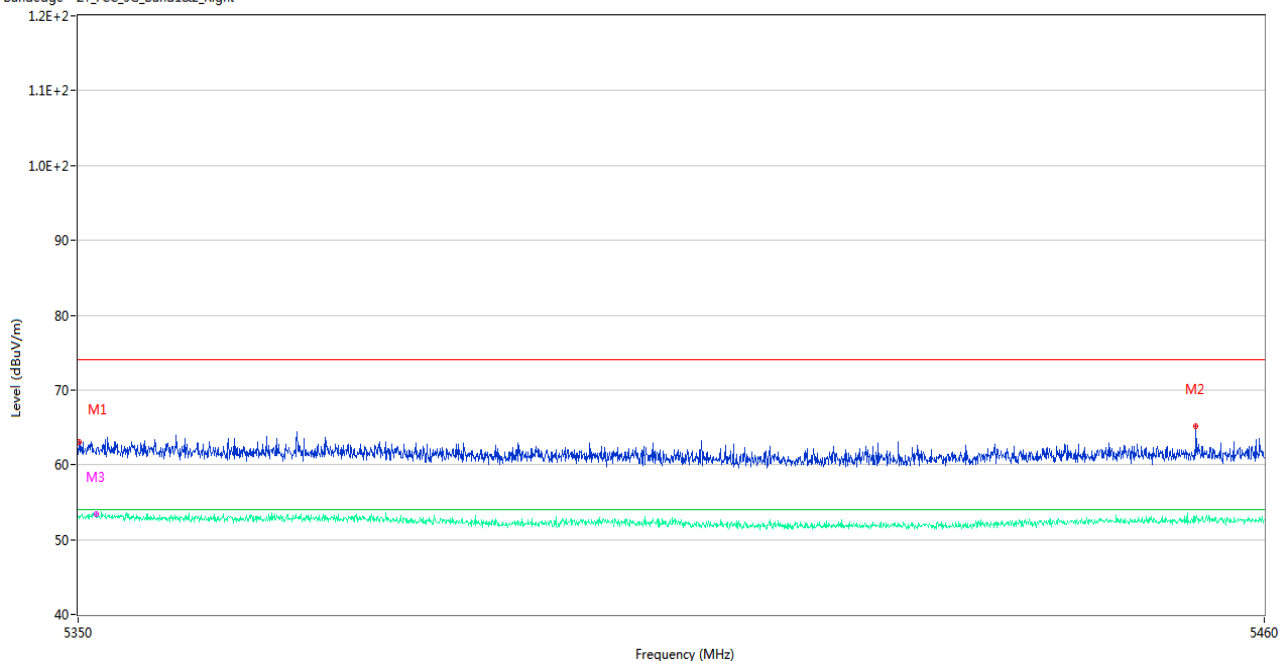
U-NII-1 60 MHz Low Channel



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.375	63.63	74.0	10.37	Peak	236.00	100	Vertical	Pass
1**	5148.375	52.54	54.0	1.46	AV	236.00	100	Vertical	Pass
2	5150.000	62.75	74.0	11.25	Peak	236.00	200	Vertical	Pass
2**	5150.000	53.12	54.0	0.88	AV	236.00	200	Vertical	Pass

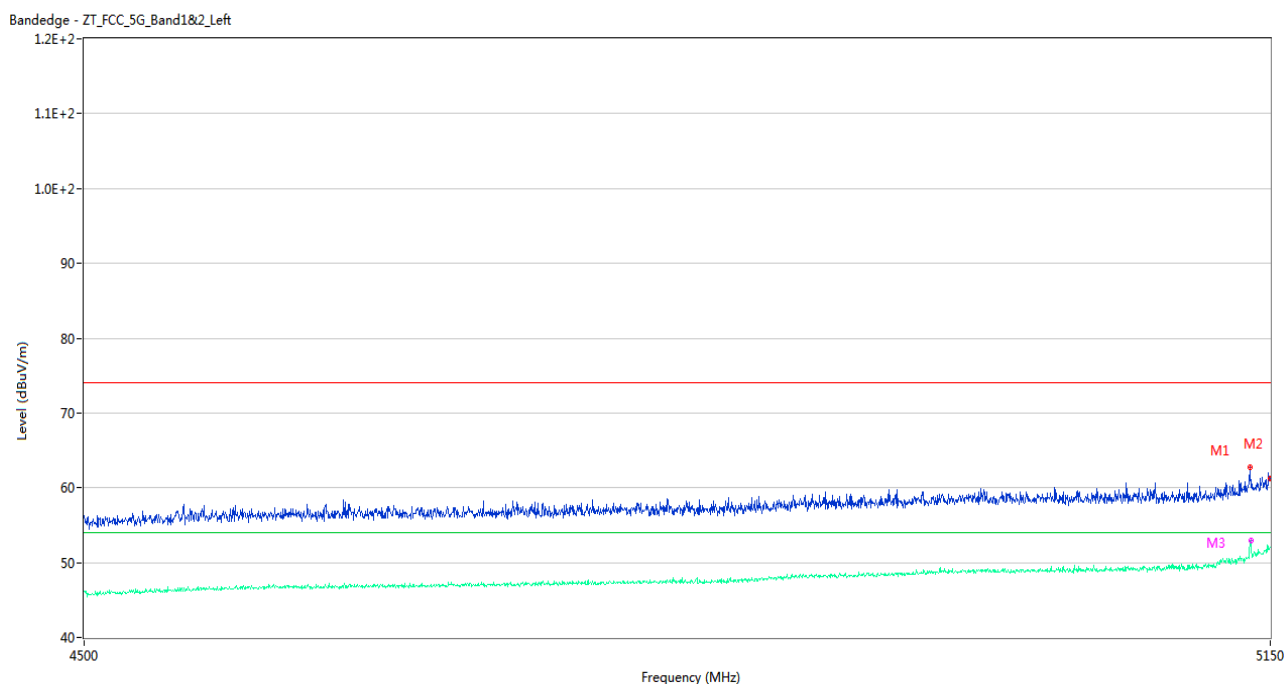
U-NII-1 60 MHz High Channel

Bandedge - ZT_FCC_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	63.04	74.0	10.96	Peak	93.00	100	Vertical	Pass
1**	5350.055	53.07	54.0	0.93	AV	93.00	100	Vertical	Pass
2	5453.620	65.13	74.0	8.87	Peak	134.00	200	Vertical	Pass
2**	5453.620	52.85	54.0	1.15	AV	134.00	200	Vertical	Pass
3	5351.650	61.41	74.0	12.59	Peak	253.00	150	Vertical	Pass
3**	5351.650	53.47	54.0	0.53	AV	253.00	150	Vertical	Pass

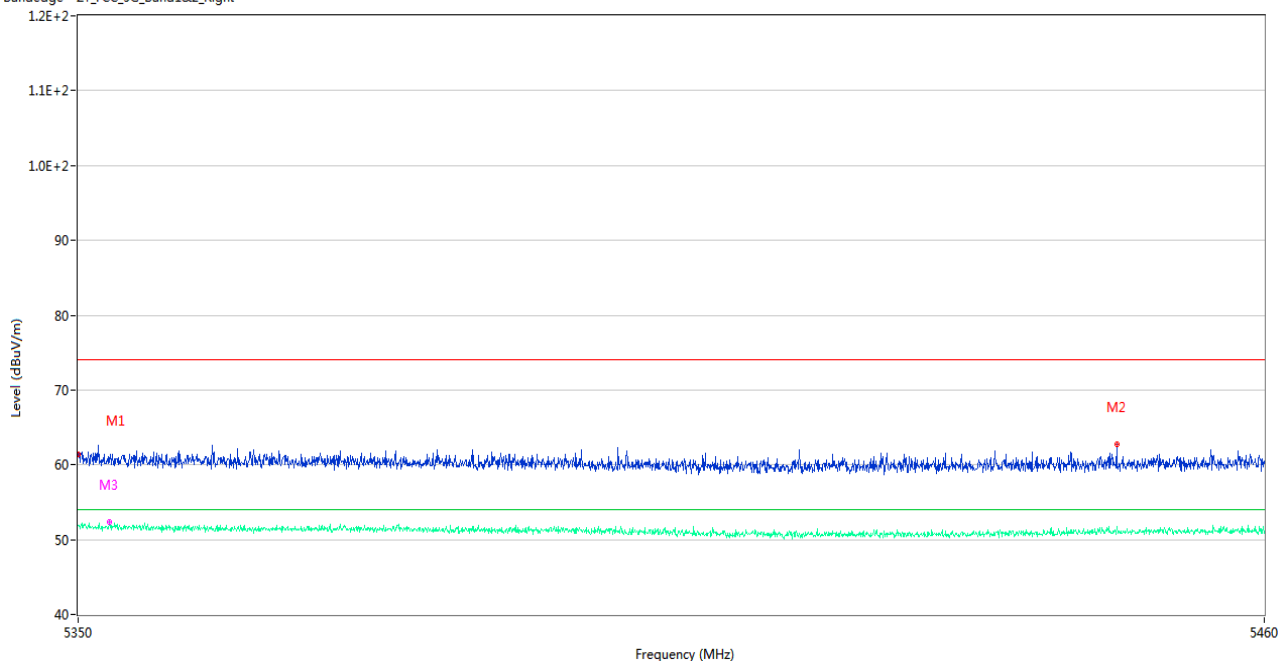
U-NII-1 80 MHz Low Channel



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5137.975	62.75	74.0	11.25	Peak	237.00	100	Vertical	Pass
1**	5137.975	52.94	54.0	1.06	AV	237.00	100	Vertical	Pass
2	5150.000	61.29	74.0	12.71	Peak	133.00	150	Vertical	Pass
2**	5150.000	51.99	54.0	2.01	AV	133.00	150	Vertical	Pass
3	5138.625	61.04	74.0	12.96	Peak	133.00	150	Vertical	Pass
3**	5138.625	52.98	54.0	1.02	AV	133.00	150	Vertical	Pass

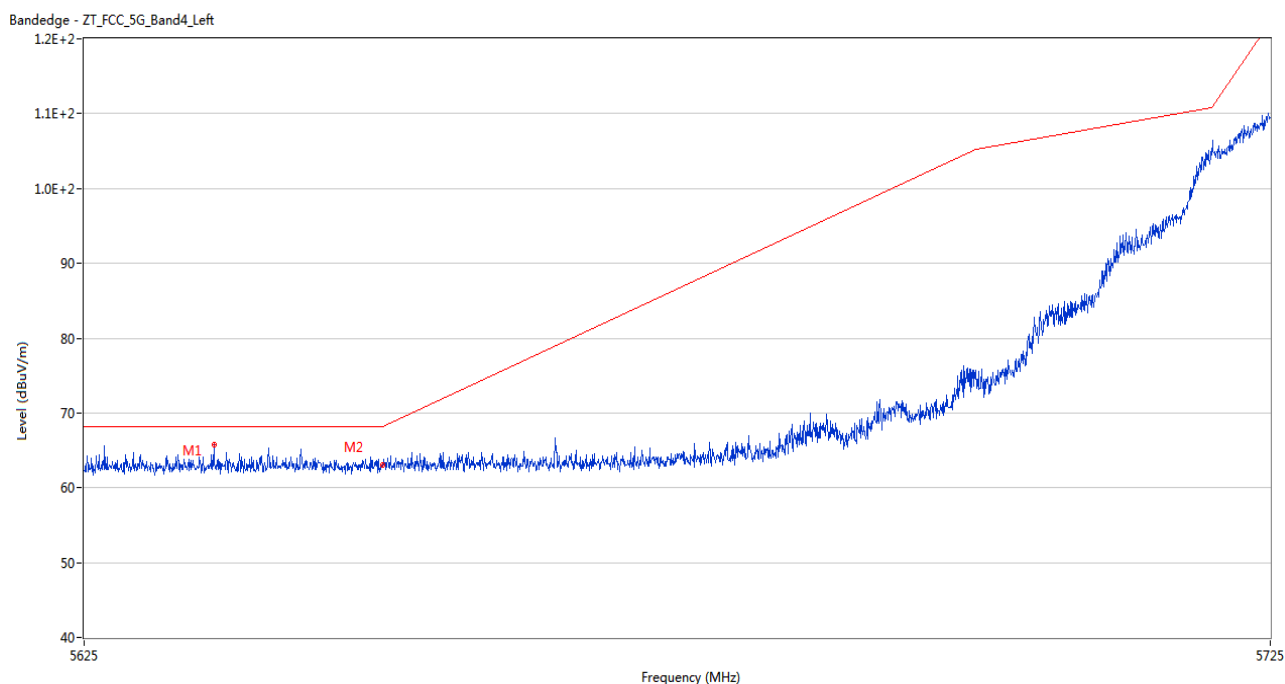
U-NII-1 80 MHz High Channel

Bandedge - ZT_FCC_5G_Band1&2_Right



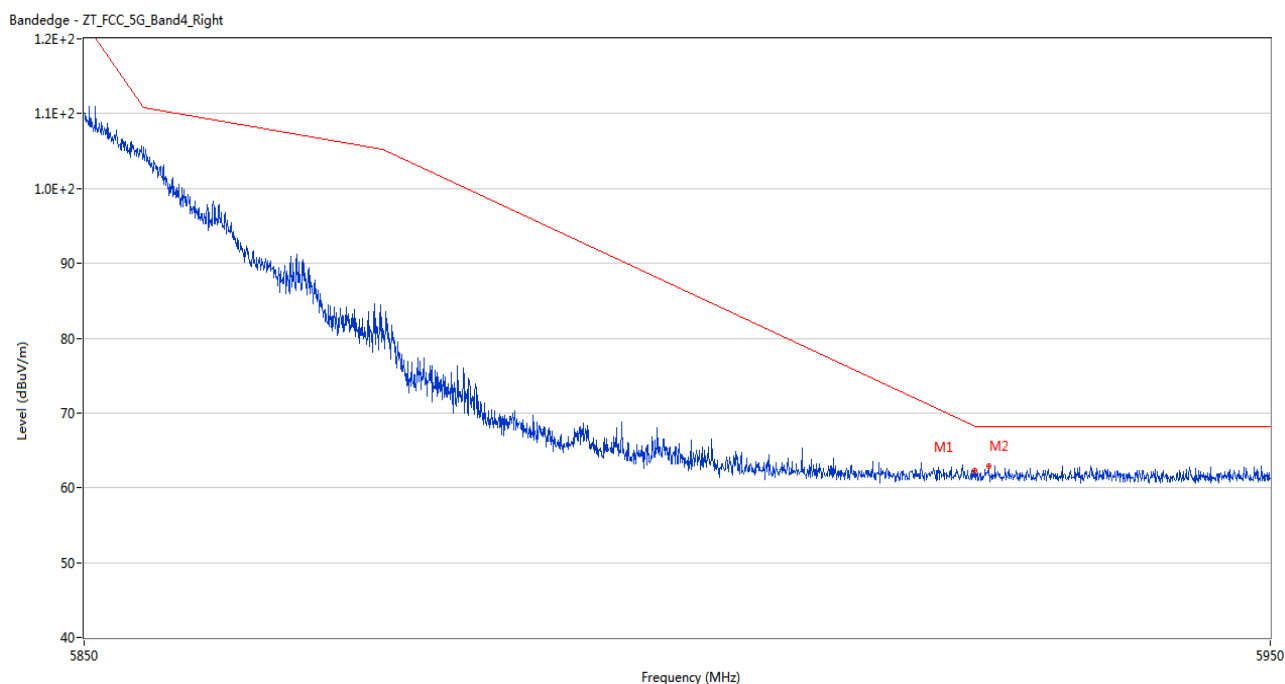
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	61.43	74.0	12.57	Peak	201.00	150	Vertical	Pass
1**	5350.000	51.94	54.0	2.06	AV	201.00	150	Vertical	Pass
2	5446.195	62.70	74.0	11.30	Peak	135.00	200	Vertical	Pass
2**	5446.195	51.56	54.0	2.44	AV	135.00	200	Vertical	Pass
3	5352.915	60.29	74.0	13.71	Peak	192.00	150	Vertical	Pass
3**	5352.915	52.29	54.0	1.71	AV	192.00	150	Vertical	Pass

U-NII-3 10 MHz Low Channel



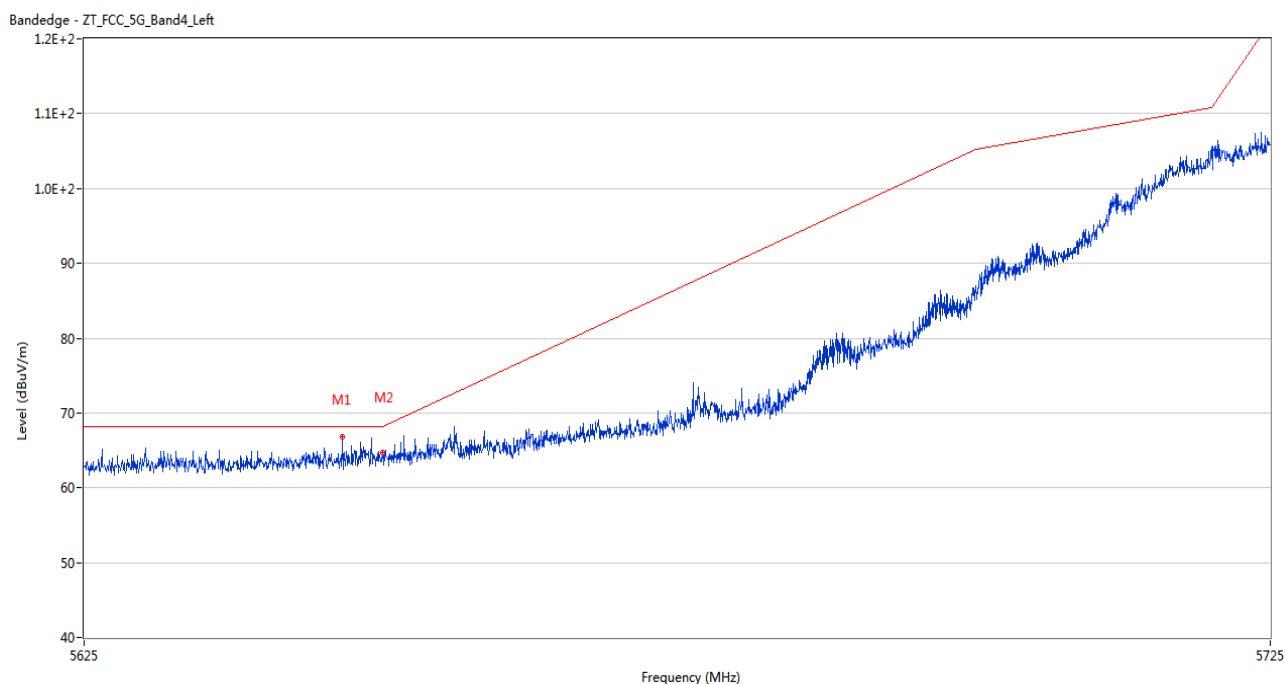
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5635.850	65.82	68.2	2.38	Peak	311.00	150	Vertical	Pass
2	5650.000	63.11	68.2	5.09	Peak	210.00	100	Vertical	Pass

U-NII-3 10 MHz High Channel



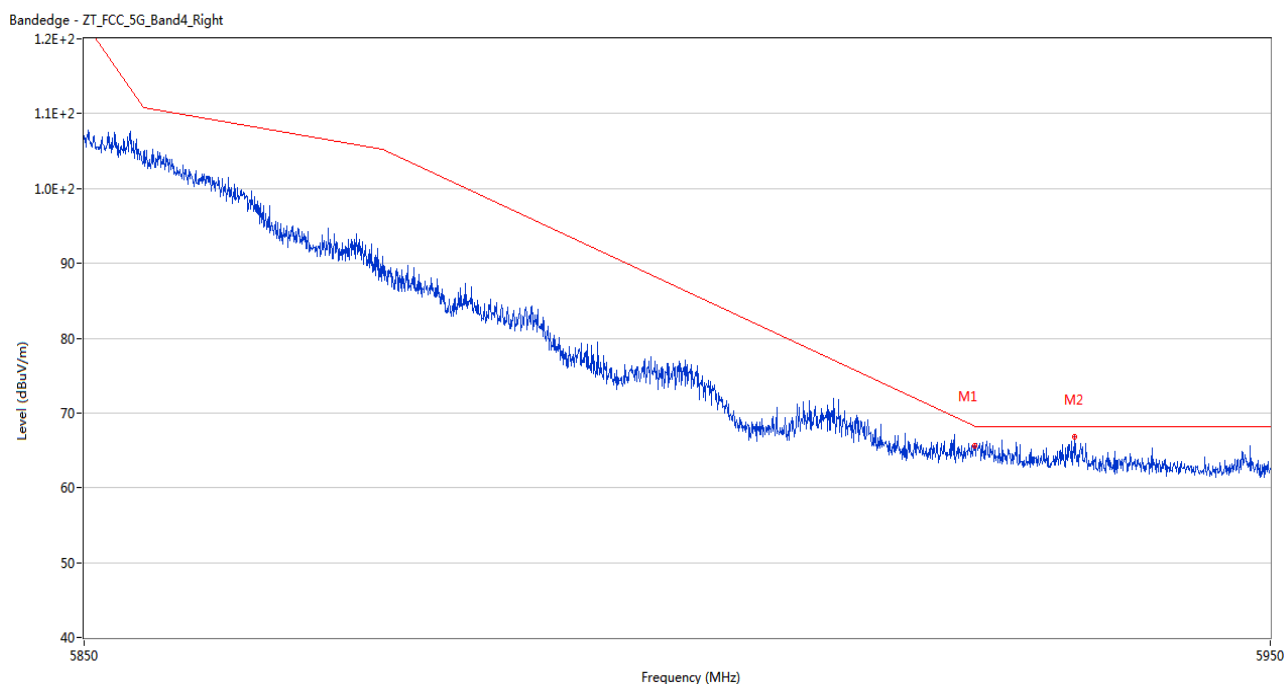
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	62.34	68.2	5.86	Peak	311.00	200	Vertical	Pass
2	5926.150	62.95	68.2	5.25	Peak	136.00	100	Vertical	Pass

U-NII-3 20 MHz Low Channel



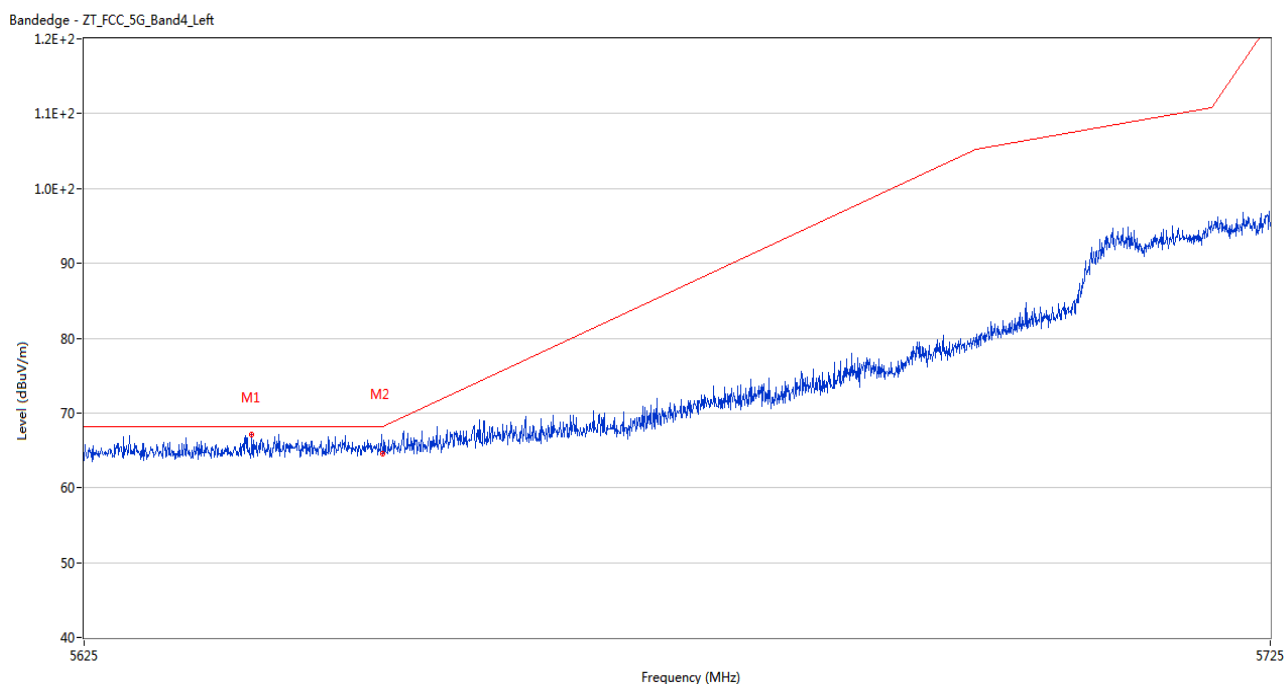
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.650	66.83	68.2	1.37	Peak	105.00	150	Vertical	Pass
2	5650.000	64.70	68.2	3.50	Peak	105.00	150	Vertical	Pass

U-NII-3 20 MHz High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	65.62	68.2	2.58	Peak	274.00	150	Vertical	Pass
2	5933.400	66.76	68.2	1.44	Peak	313.00	100	Vertical	Pass

U-NII-3 40 MHz Low Channel



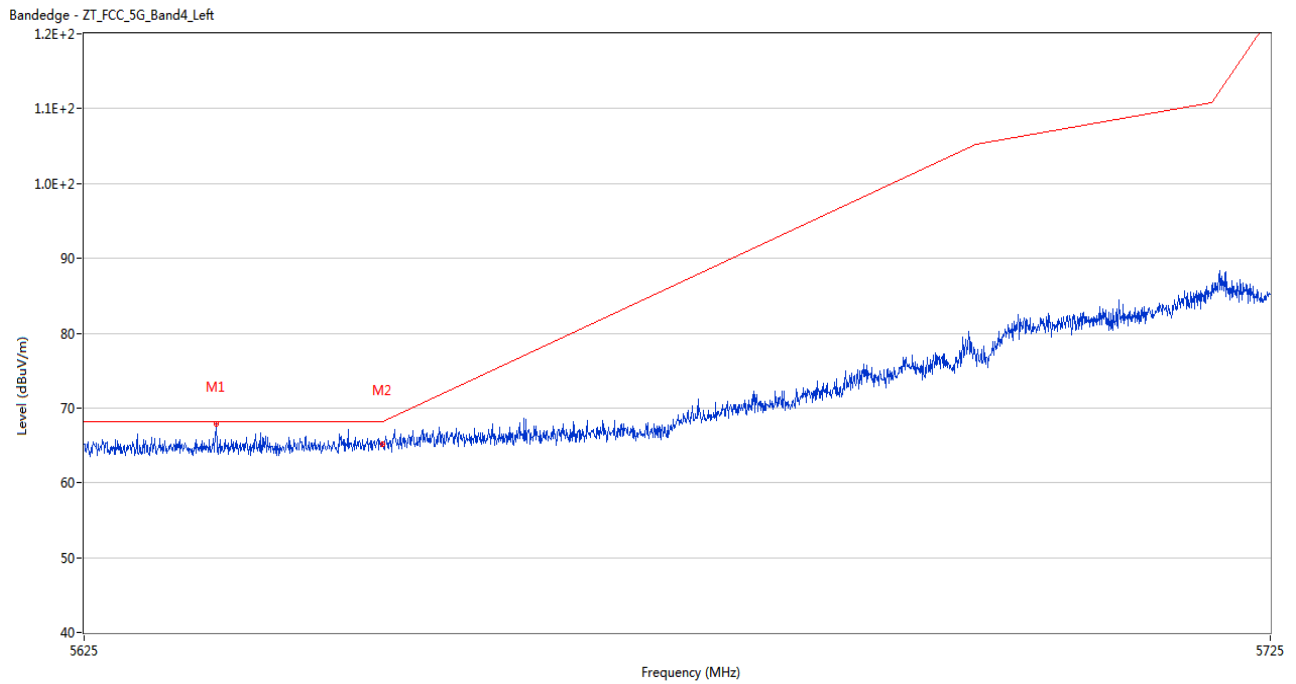
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5639.050	67.15	68.2	1.05	Peak	195.00	100	Vertical	Pass
2	5650.000	64.63	68.2	3.57	Peak	264.00	150	Vertical	Pass

U-NII-3 40 MHz High Channel



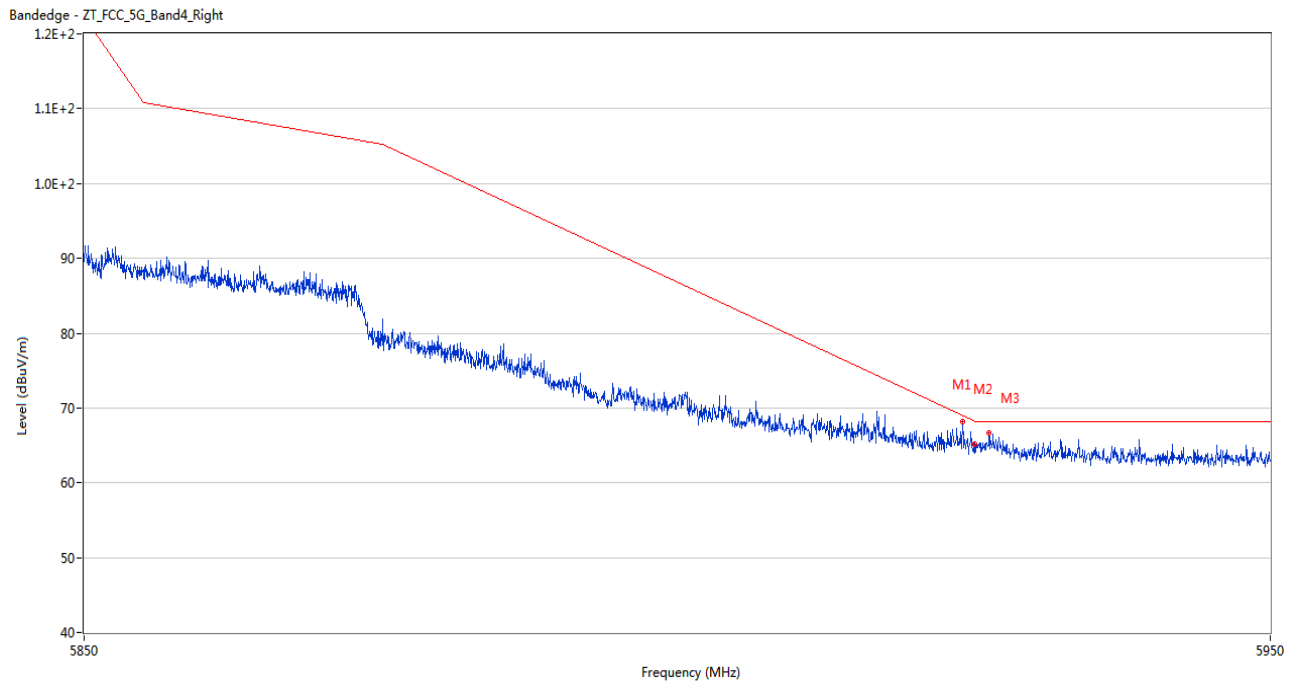
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	64.85	68.2	3.35	Peak	292.00	150	Vertical	Pass
2	5926.200	67.39	68.2	0.81	Peak	221.00	100	Vertical	Pass

U-NII-3 60 MHz Low Channel



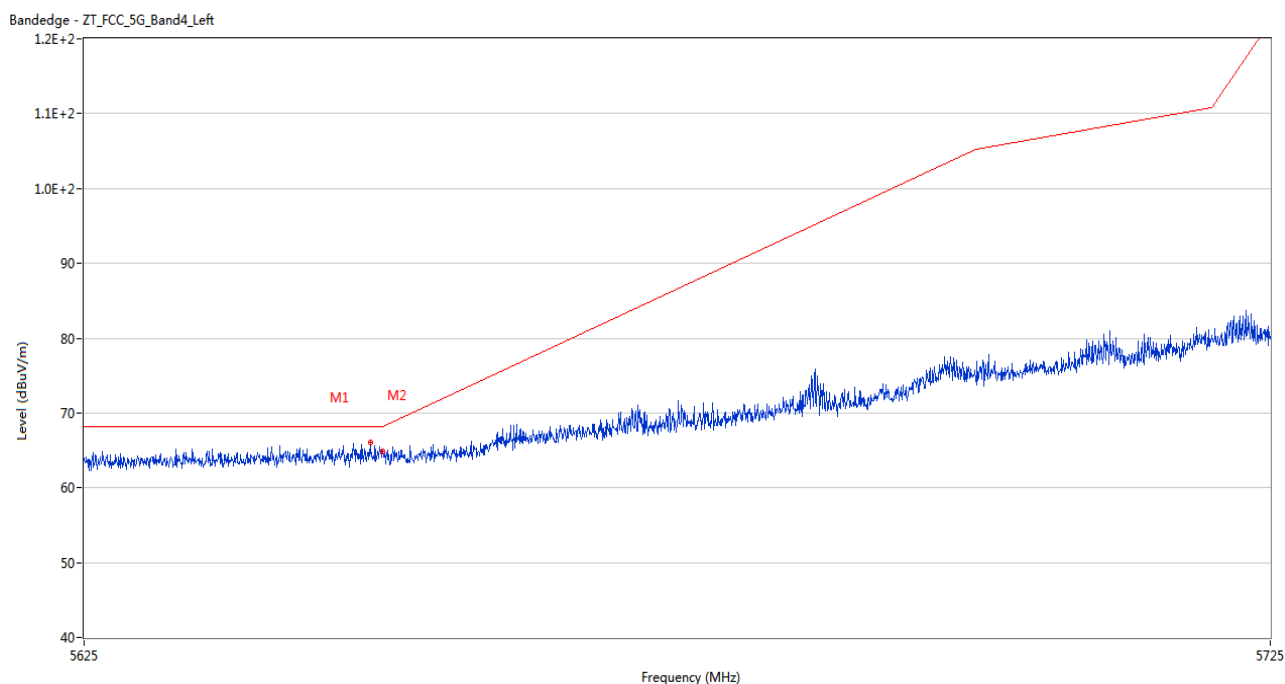
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5636.050	67.70	68.2	0.50	Peak	312.00	100	Vertical	Pass
2	5650.000	65.20	68.2	3.00	Peak	211.00	100	Vertical	Pass

U-NII-3 60 MHz High Channel



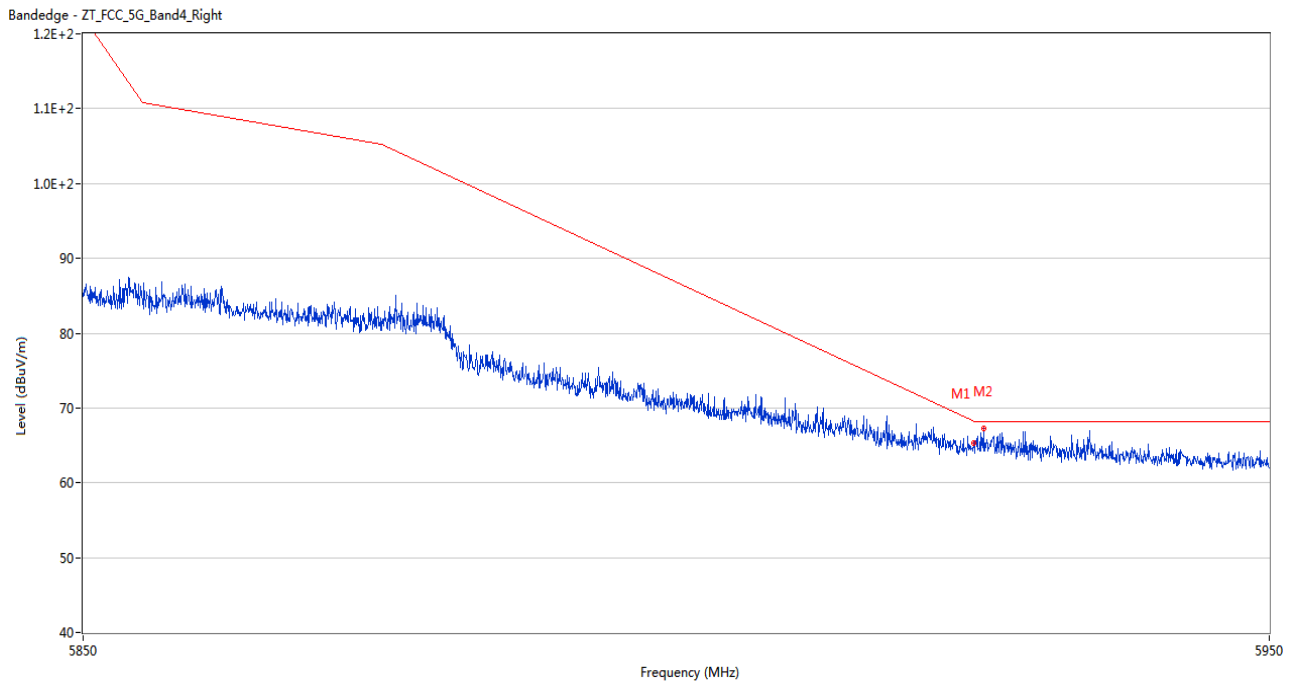
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5923.900	68.10	69.0	0.90	Peak	313.00	150	Vertical	Pass
2	5924.950	65.19	68.2	3.01	Peak	195.00	150	Vertical	Pass
3	5926.150	66.65	68.2	1.55	Peak	191.00	100	Vertical	Pass

U-NII-3 80 MHz Low Channel



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5648.950	66.07	68.2	2.13	Peak	136.00	100	Vertical	Pass
2	5650.000	64.82	68.2	3.38	Peak	267.00	200	Vertical	Pass

U-NII-3 80 MHz High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	65.34	68.2	2.86	Peak	233.00	200	Vertical	Pass
2	5925.750	67.21	68.2	0.99	Peak	247.00	100	Vertical	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ25A0801-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ25A0801-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ25A0801-AI.PDF”.

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--END OF REPORT--