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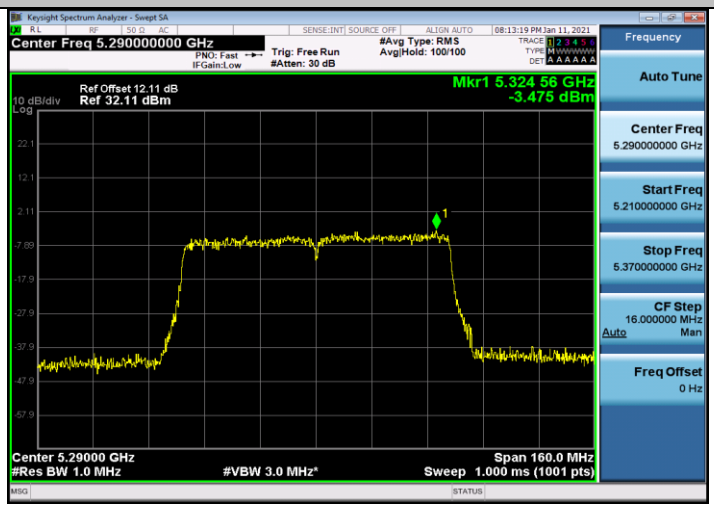

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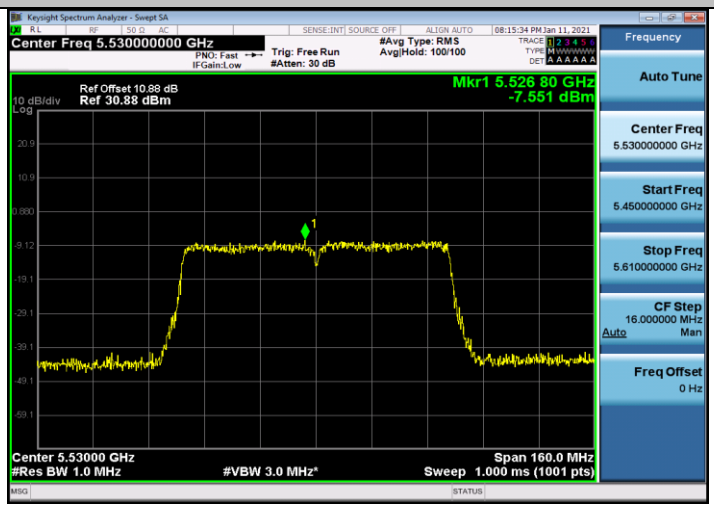

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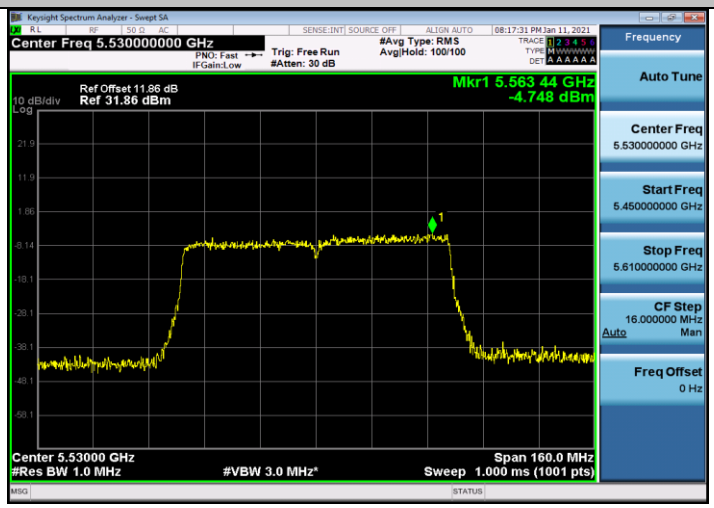

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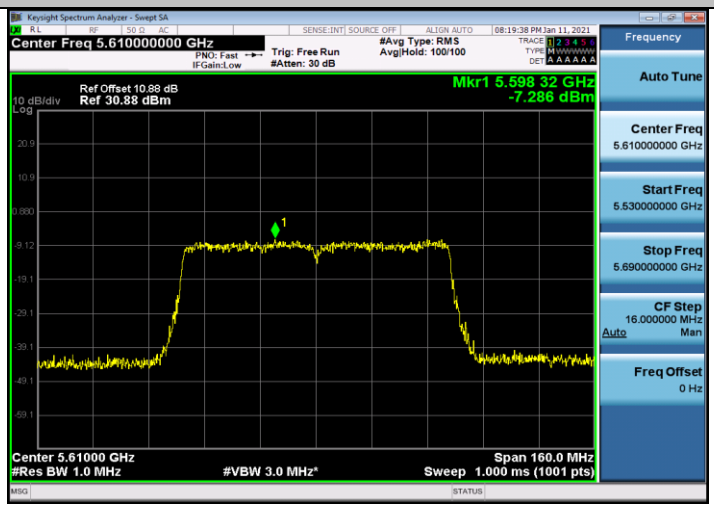

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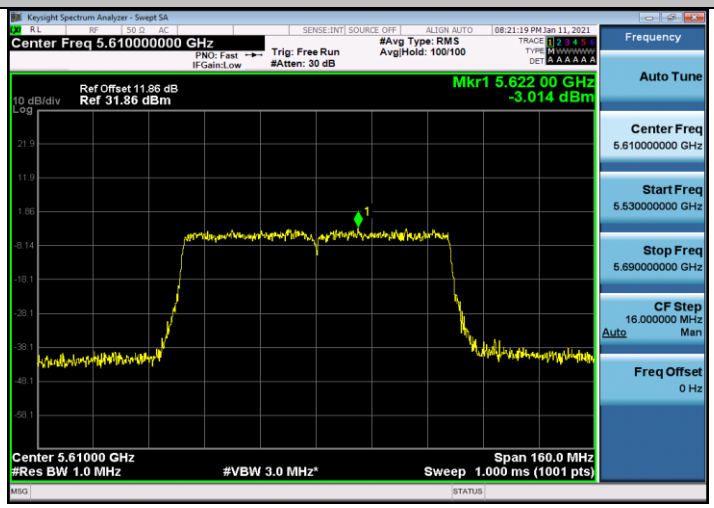

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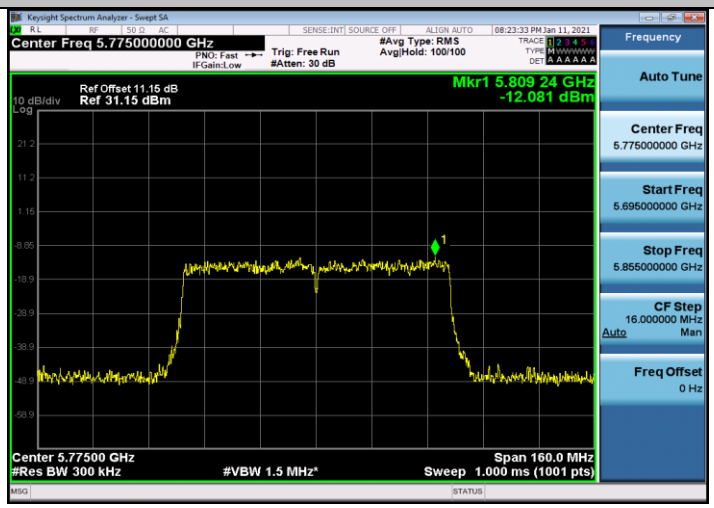

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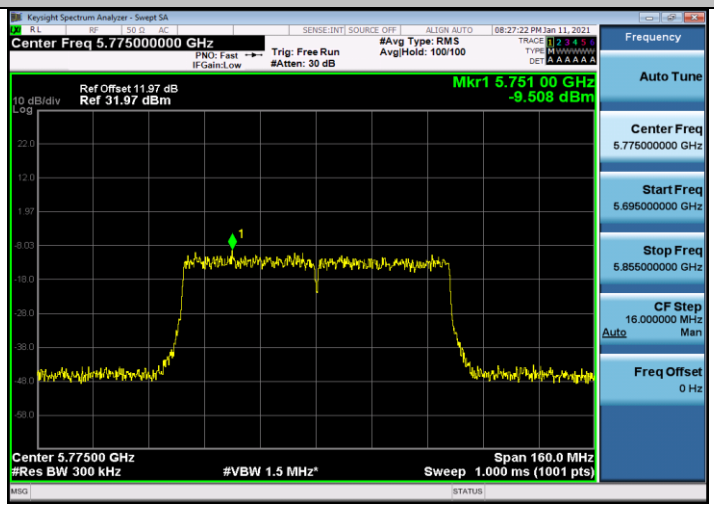


4.6 Emissions in restricted frequency bands

4.6.1 Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
1 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(2)
13.36 - 13.41	--	--	--

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

APPLICABLE TO	LIMIT	
789033 D02 General U-NII Test Procedures New Rules v01r03	FIELD STRENGTH AT 3m (dBµV/m)	
	PK : 74	AV : 54
APPLICABLE TO	EIRP LIMIT (dBm/MHz)	EQUIVALENT FIELD STRENGTH AT 3m (dBµV/m)
15.407(b)(1)	PK : -27	PK : 68.3
15.407(b)(2)		
15.407(b)(3)		
15.407(b)(4)	Note	Note

Note: 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.

4.6.2 Test Procedure Reference

ANSI C63.10 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

4.6.3 Test Procedures

Peak Field Strength Measurements

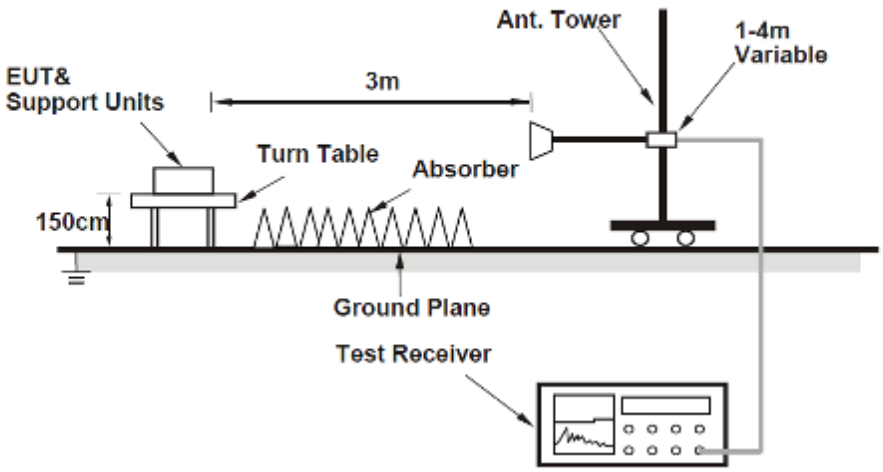
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

8. 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
9. 2. RBW = 1MHz
10. 3. VBW; If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW = 10 Hz.
11. If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration.
12. 4. Detector = Peak
13. 5. Sweep time = auto
14. 6. Trace mode = max hold
15. 7. Trace was allowed to stabilize

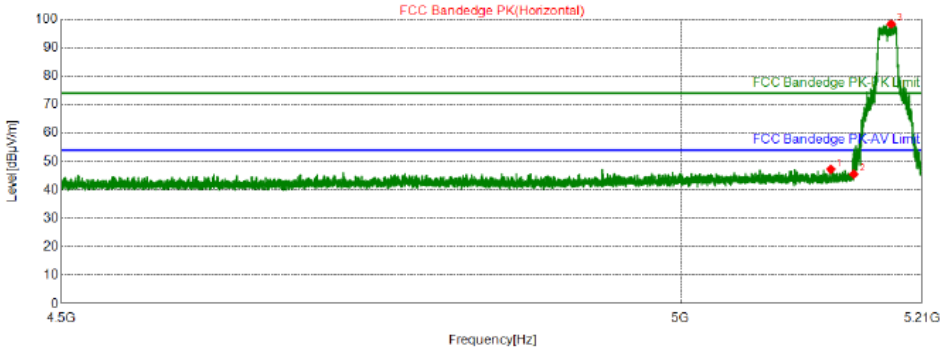
4.6.4 Test Setup

For Radiated emission above 1GHz



4.6.5 Test Results

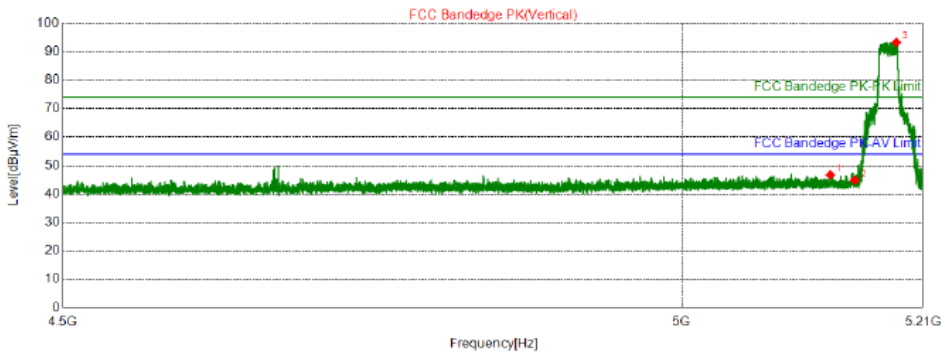
802.11a-5180MHz/ Horizontal



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5129.8410	47.85	47.30	74.00	26.70	380	359	Horizontal	PK
2	5150.0050	46.05	45.53	74.00	28.47	380	286	Horizontal	PK
3	5182.9135	98.72	98.25	74.00	-24.25	380	171	Horizontal	PK

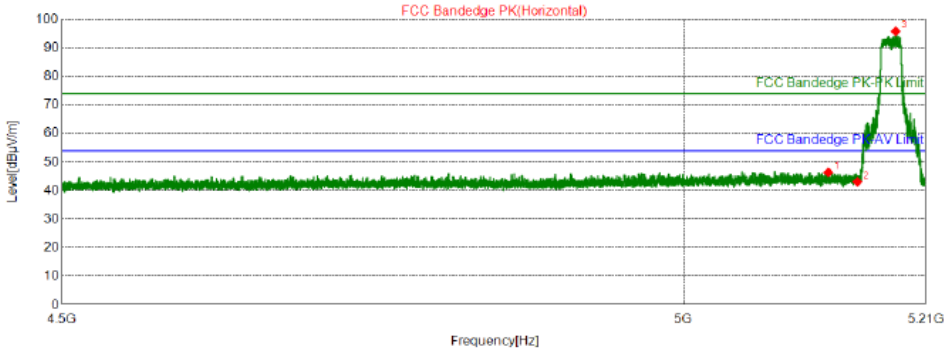
802.11a-5180MHz/ Vertical



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5128.4565	47.22	46.66	74.00	27.34	380	314	Vertical	PK
2	5150.0050	45.29	44.77	74.00	29.23	380	62	Vertical	PK
3	5186.5700	93.69	93.23	74.00	-19.23	380	62	Vertical	PK

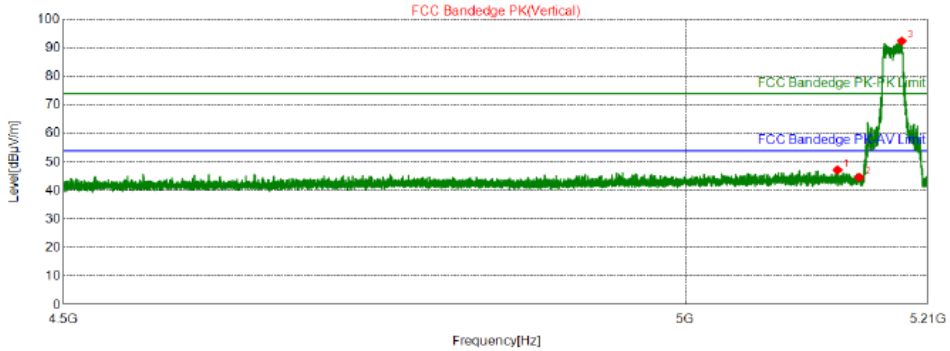
802.11n(20MHz)-5180MHz/ Horizontal



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5124.5515	46.92	46.35	74.00	27.65	380	153	Horizontal	PK
2	5150.0050	43.62	43.10	74.00	30.90	380	340	Horizontal	PK
3	5183.5170	96.24	95.77	74.00	-21.77	380	168	Horizontal	PK

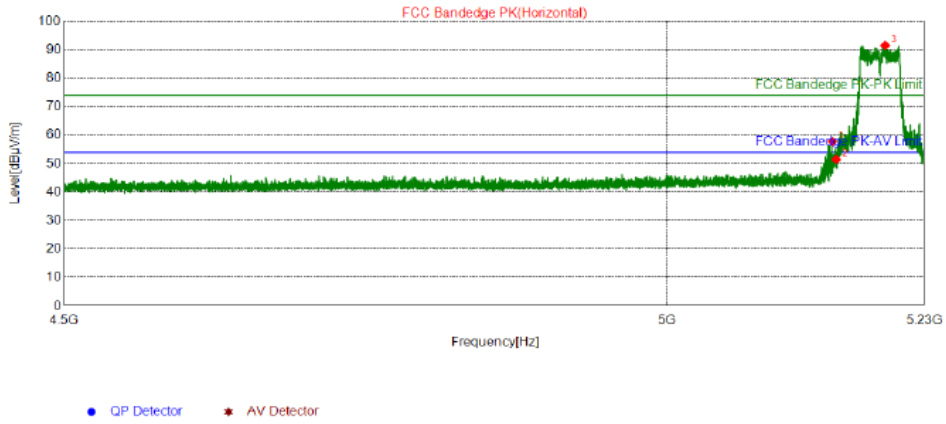
802.11n(20MHz)-5180MHz/ Vertical



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5130.9770	47.77	47.22	74.00	26.78	380	310	Vertical	PK
2	5150.0050	45.16	44.64	74.00	29.36	380	51	Vertical	PK
3	5187.2090	92.87	92.41	74.00	-18.41	380	227	Vertical	PK

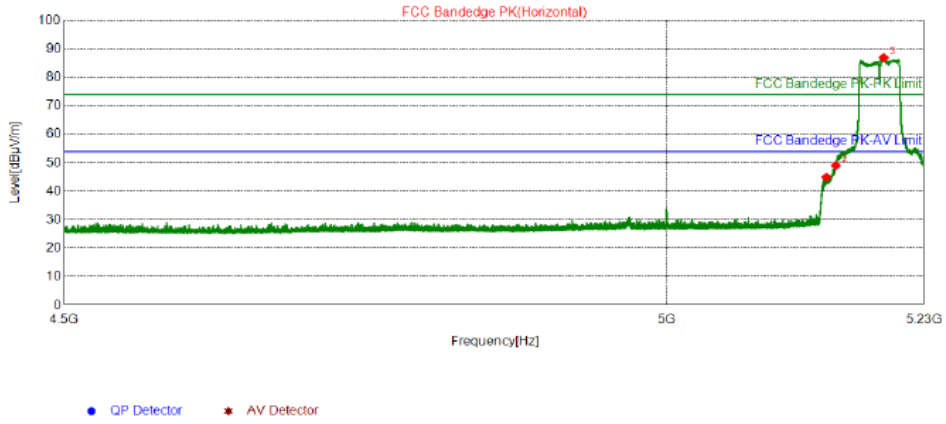
802.11n(40MHz)-5190MHz/ Horizontal-PK



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5146.6340	58.28	57.75	74.00	16.25	380	166	Horizontal	PK
2	5150.0285	51.96	51.44	74.00	22.56	380	161	Horizontal	PK
3	5194.4125	91.92	91.47	74.00	-17.47	380	192	Horizontal	PK

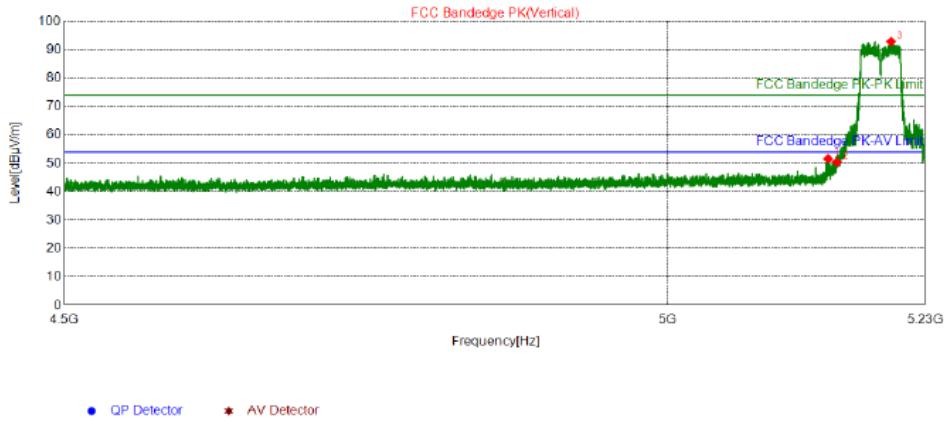
802.11n(40MHz)-5190MHz/ Horizontal-AV



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5141.4510	45.48	44.95	74.00	29.05	380	165	Horizontal	PK
2	5150.0285	49.55	49.03	74.00	24.97	380	165	Horizontal	PK
3	5193.3540	87.37	86.92	74.00	-12.92	380	165	Horizontal	PK

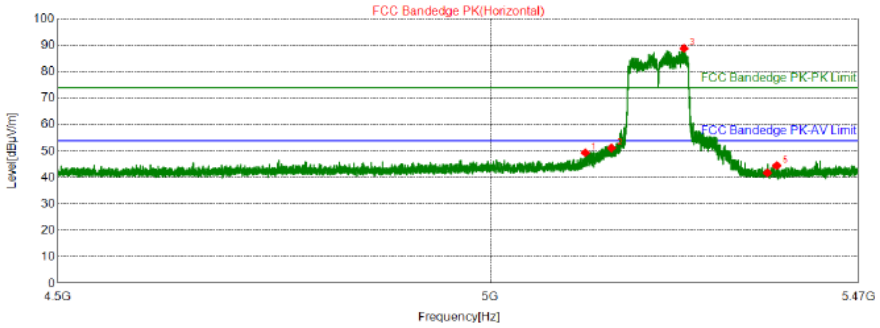
802.11n(40MHz)-5190MHz/ Vertical



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5142.1080	52.07	51.54	74.00	22.46	380	46	Vertical	PK
2	5150.0285	50.98	50.46	74.00	23.54	380	46	Vertical	PK
3	5199.0845	93.29	92.85	74.00	-18.85	380	62	Vertical	PK

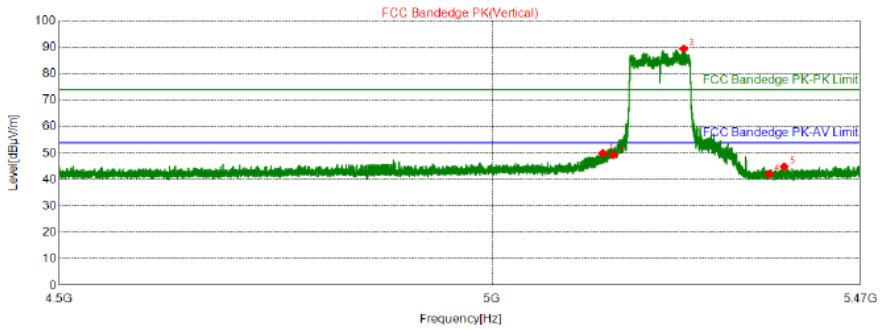
802.11ac(80MHz)-5210MHz/ Horizontal



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5117.2595	49.96	49.37	74.00	24.63	380	145	Horizontal	PK
2	5150.0455	51.68	51.16	74.00	22.84	380	304	Horizontal	PK
3	5242.0500	89.20	88.78	74.00	-14.78	380	165	Horizontal	PK
4	5350.0110	42.27	41.76	74.00	32.24	380	325	Horizontal	PK
5	5362.3300	44.99	44.54	74.00	29.46	380	134	Horizontal	PK

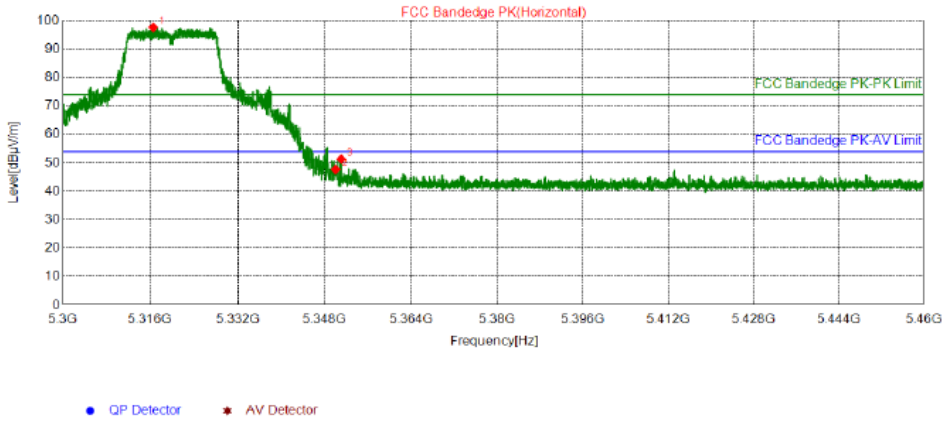
802.11ac(80MHz)-5210MHz/ Vertical



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5137.1445	50.50	49.96	74.00	24.04	380	66	Vertical	PK
2	5150.0455	49.82	49.30	74.00	24.70	380	66	Vertical	PK
3	5239.3825	89.81	89.40	74.00	-15.40	380	45	Vertical	PK
4	5350.0110	42.60	42.09	74.00	31.91	380	174	Vertical	PK
5	5369.6050	45.33	44.92	74.00	29.08	380	133	Vertical	PK

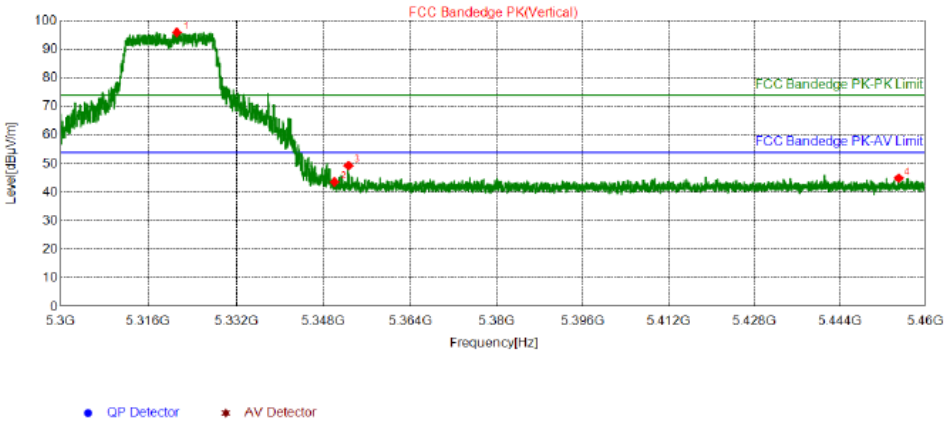
802.11a-5320MHz/ Horizontal



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5316.6080	98.18	97.61	74.00	-23.61	380	126	Horizontal	PK
2	5350.0000	48.18	47.67	74.00	26.33	380	309	Horizontal	PK
3	5351.0560	51.79	51.29	74.00	22.71	380	304	Horizontal	PK

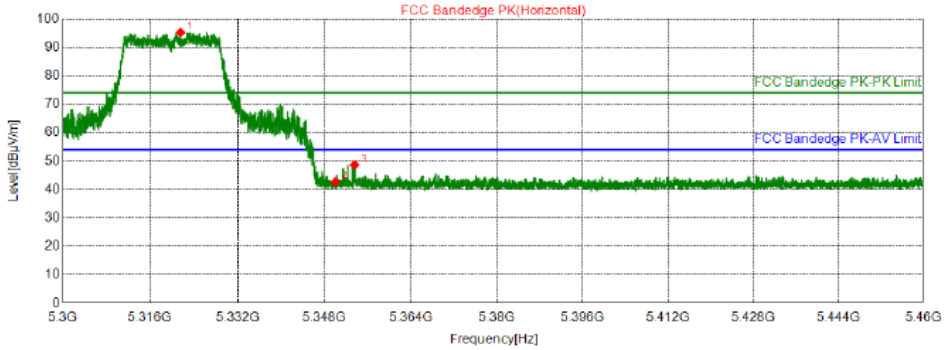
802.11a-5320MHz/ Vertical



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5321.2800	96.49	95.91	74.00	-21.91	380	207	Vertical	PK
2	5350.0000	44.12	43.61	74.00	30.39	380	317	Vertical	PK
3	5352.5920	49.79	49.30	74.00	24.70	380	353	Vertical	PK

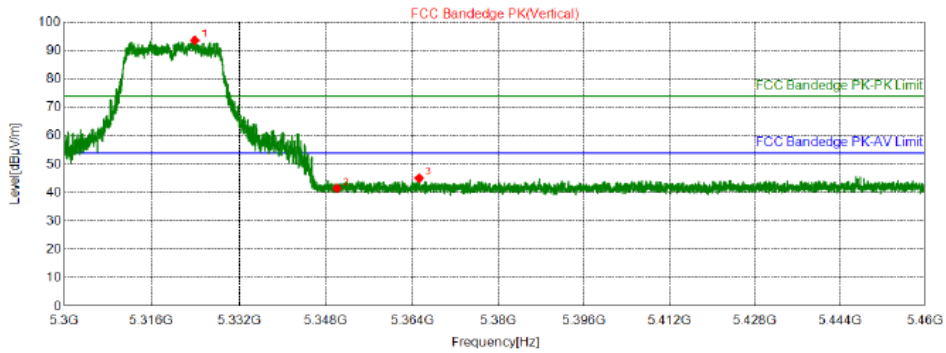
802.11n(20MHz)-5320MHz/ Horizontal



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5321.6640	95.83	95.24	74.00	-21.24	380	305	Horizontal	PK
2	5350.0000	43.13	42.62	74.00	31.38	380	175	Horizontal	PK
3	5353.5600	49.12	48.63	74.00	25.37	380	175	Horizontal	PK

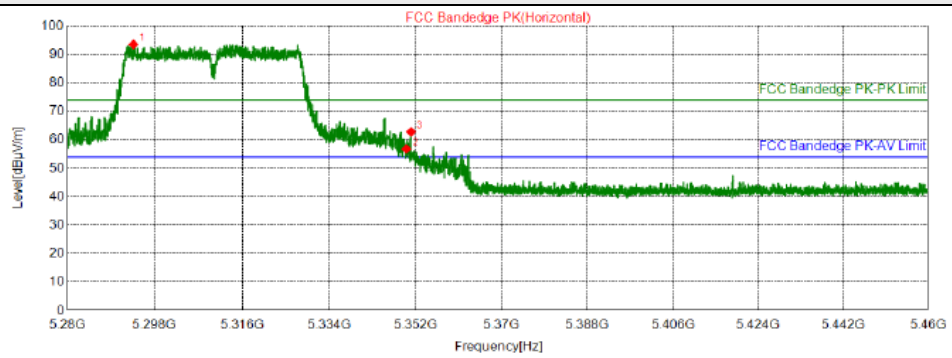
802.11n(20MHz)-5320MHz/ Vertical



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5324.0080	94.16	93.57	74.00	-19.57	380	200	Vertical	PK
2	5350.0000	42.00	41.49	74.00	32.51	380	158	Vertical	PK
3	5365.2800	45.55	45.12	74.00	28.88	380	14	Vertical	PK

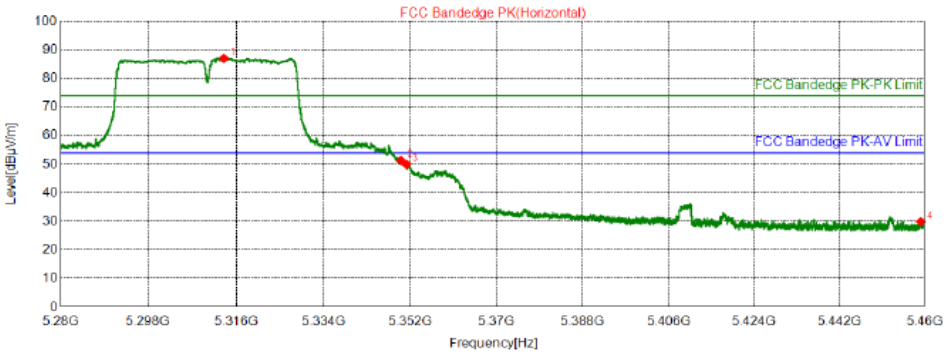
802.11n(40MHz)-5310MHz/ Horizontal-PK



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5293.6530	94.03	93.50	74.00	-19.50	380	154	Horizontal	PK
2	5350.0020	57.27	56.76	74.00	17.24	380	159	Horizontal	PK
3	5350.9830	63.32	62.82	74.00	11.18	380	174	Horizontal	PK

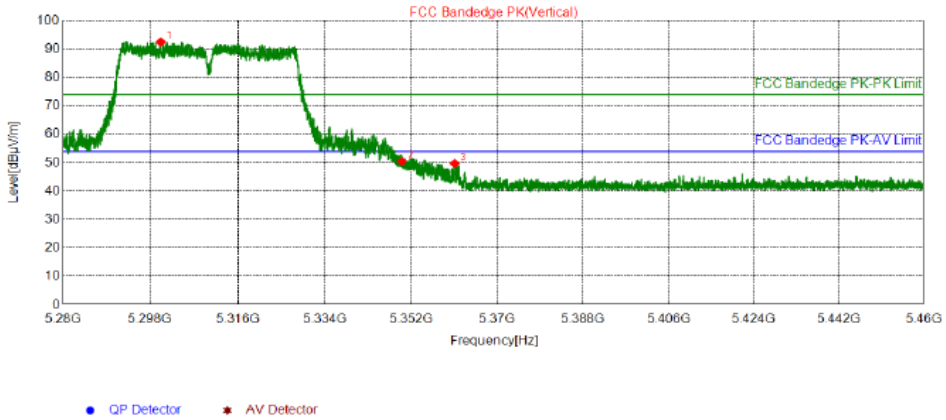
802.11n(40MHz)-5310MHz/ Horizontal-AV



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5313.3450	87.58	87.01	54.00	-33.01	380	154	Horizontal	PK
2	5350.0020	51.77	51.26	54.00	2.74	380	165	Horizontal	PK
3	5351.1450	50.49	49.99	54.00	4.01	380	165	Horizontal	PK

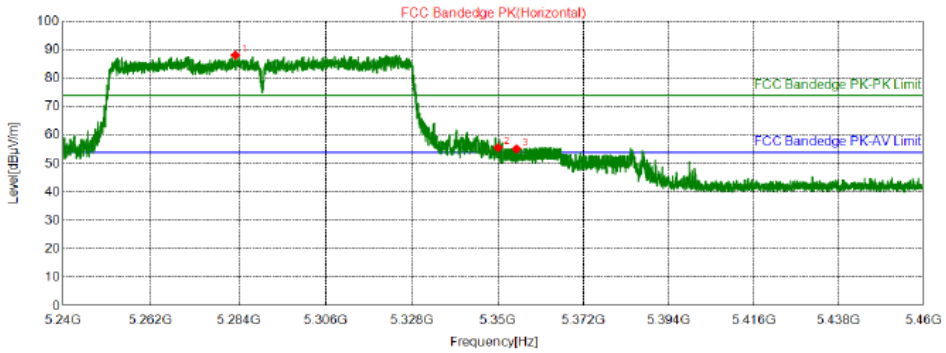
802.11n(40MHz)-5310MHz/ Vertical



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5300.2050	93.02	92.48	74.00	-18.48	380	36	Vertical	PK
2	5350.0020	50.94	50.43	74.00	23.57	380	51	Vertical	PK
3	5361.0360	50.15	49.70	74.00	24.30	380	31	Vertical	PK

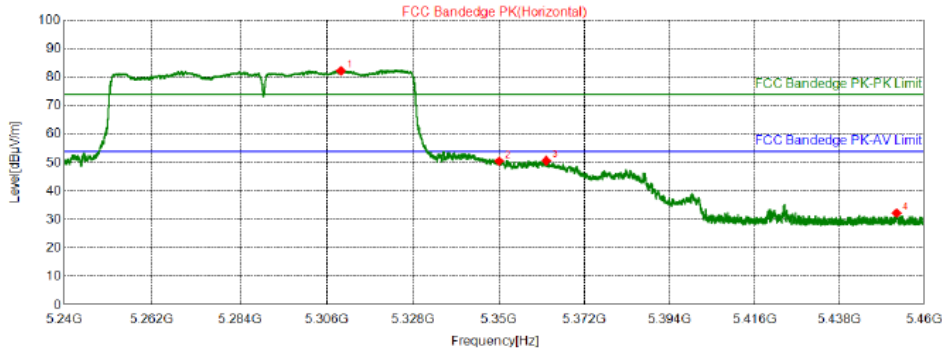
802.11ac(80MHz)-5290MHz/ Horizontal-PK



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5283.1200	88.62	88.12	74.00	-14.12	380	154	Horizontal	PK
2	5350.0000	56.13	55.62	74.00	18.38	380	154	Horizontal	PK
3	5354.7410	55.65	55.17	74.00	18.83	380	200	Horizontal	PK

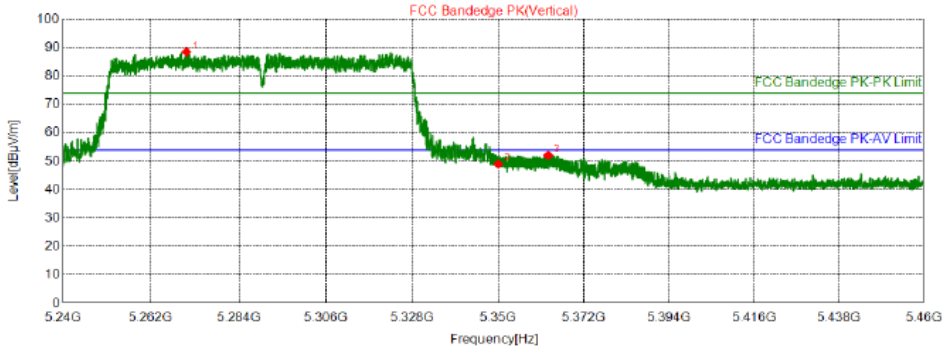
802.11ac(80MHz)-5290MHz/ Horizontal-AV



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5309.6190	82.79	82.23	54.00	-28.23	380	169	Horizontal	PK
2	5350.0000	51.05	50.54	54.00	3.46	380	169	Horizontal	PK
3	5362.0890	51.13	50.68	54.00	3.32	380	154	Horizontal	PK

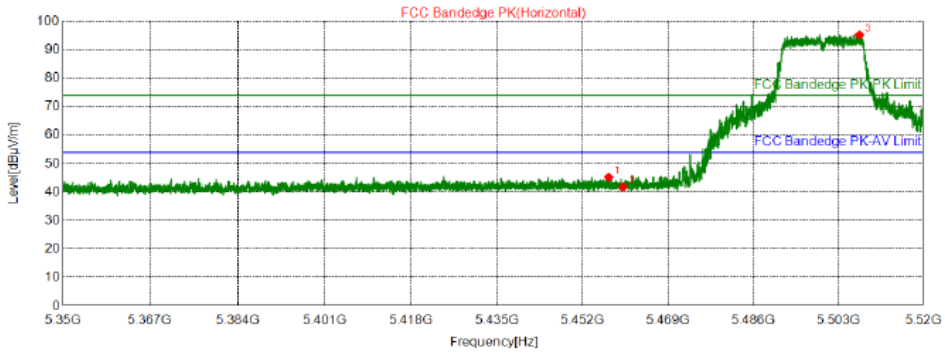
802.11ac(80MHz)-5290MHz/ Vertical



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5271.0530	88.95	88.47	74.00	-14.47	380	41	Vertical	PK
2	5350.0000	49.48	48.97	74.00	25.03	380	36	Vertical	PK
3	5362.7820	52.49	52.04	74.00	21.96	380	196	Vertical	PK

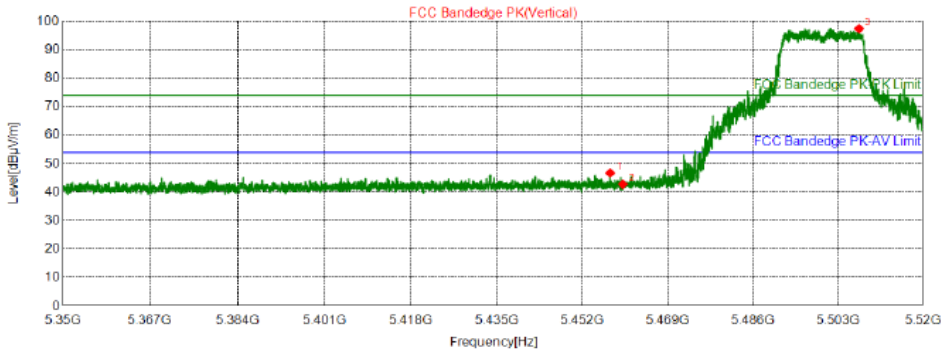
802.11a-5500MHz/ Horizontal



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5457.1425	45.44	45.22	74.00	28.78	380	181	Horizontal	PK
2	5460.0070	41.96	41.73	74.00	32.27	380	279	Horizontal	PK
3	5507.2160	95.58	95.18	74.00	-21.18	380	181	Horizontal	PK

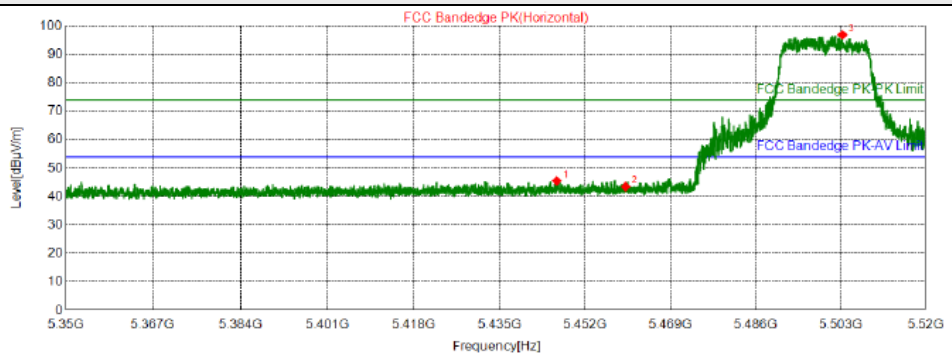
802.11a-5500MHz/ Vertical



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5457.4825	46.89	46.67	74.00	27.33	380	205	Vertical	PK
2	5460.0070	43.03	42.80	74.00	31.20	380	132	Vertical	PK
3	5507.1905	97.81	97.41	74.00	-23.41	380	356	Vertical	PK

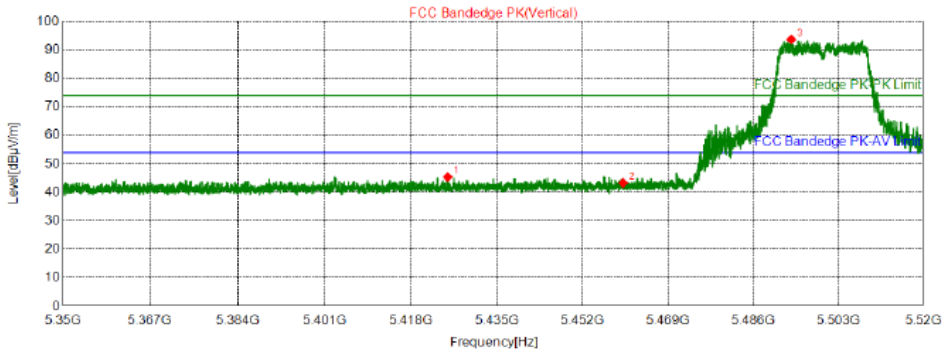
802.11n(20MHz)-5500MHz/ Horizontal



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5446.3220	45.69	45.51	74.00	28.49	380	179	Horizontal	PK
2	5460.0070	43.70	43.47	74.00	30.53	380	237	Horizontal	PK
3	5503.3315	97.27	96.88	74.00	-22.88	380	179	Horizontal	PK

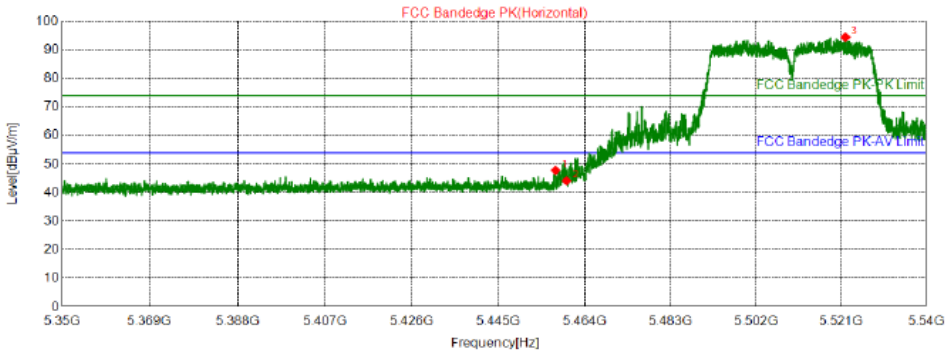
802.11n(20MHz)-5500MHz/ Vertical



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5425.2420	45.52	45.37	74.00	28.63	380	356	Vertical	PK
2	5460.0070	43.51	43.28	74.00	30.72	380	247	Vertical	PK
3	5493.5565	93.97	93.62	74.00	-19.62	380	360	Vertical	PK

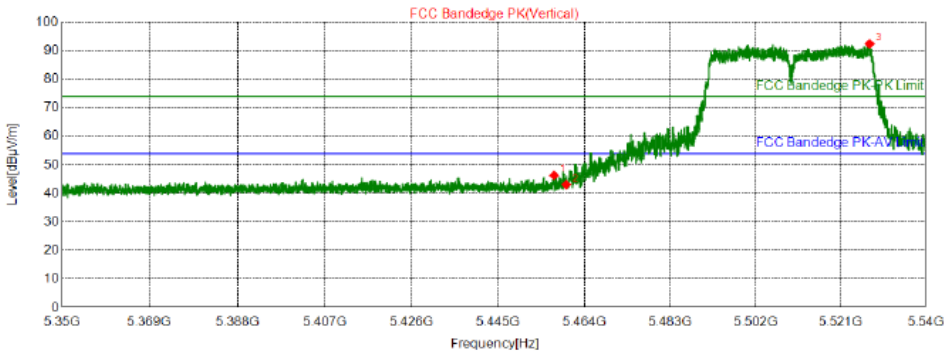
802.11n (40MHz)-5510MHz/ Horizontal



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5457.5780	48.03	47.81	74.00	26.19	380	169	Horizontal	PK
2	5460.0005	44.33	44.10	74.00	29.90	380	148	Horizontal	PK
3	5521.9595	94.88	94.43	74.00	-20.43	380	180	Horizontal	PK

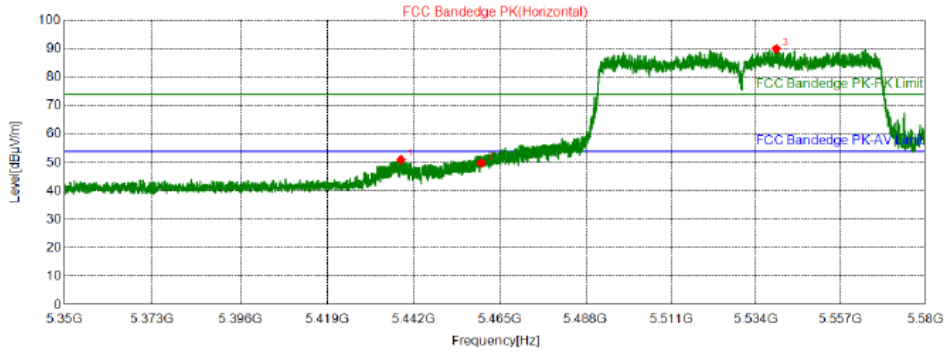
802.11n (40MHz)-5510MHz/ Vertical



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5457.3215	46.50	46.28	74.00	27.72	380	2	Vertical	PK
2	5460.0005	43.31	43.08	74.00	30.92	380	174	Vertical	PK
3	5527.4410	92.87	92.40	74.00	-18.40	380	28	Vertical	PK

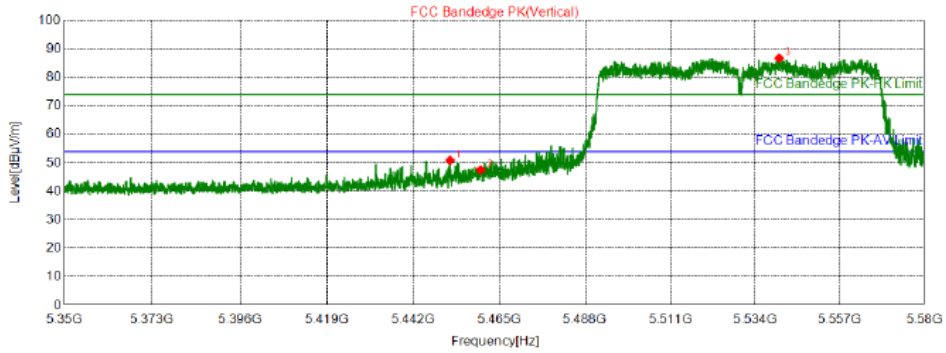
802.11ac (80MHz)-5530MHz/ Horizontal



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5438.5845	51.13	50.98	74.00	23.02	380	188	Horizontal	PK
2	5460.0090	50.06	49.83	74.00	24.17	380	188	Horizontal	PK
3	5539.4970	90.51	90.01	74.00	-16.01	380	182	Horizontal	PK

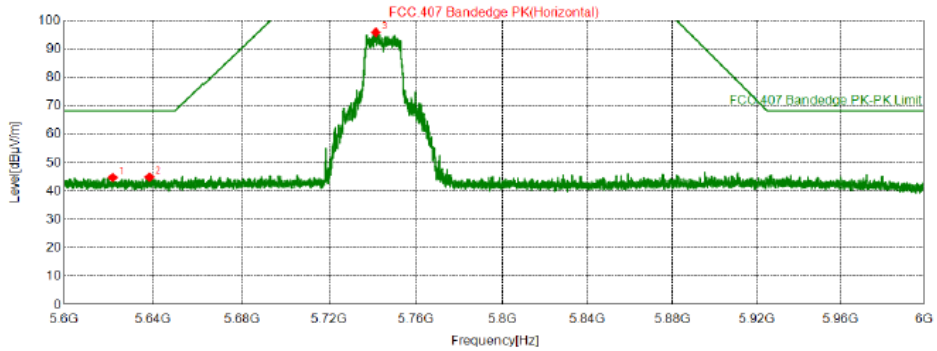
802.11ac (80MHz)-5530MHz/ Vertical



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5451.7980	51.06	50.86	74.00	23.14	380	4	Vertical	PK
2	5460.0090	47.77	47.54	74.00	26.46	380	4	Vertical	PK
3	5540.4515	87.21	86.71	74.00	-12.71	380	31	Vertical	PK

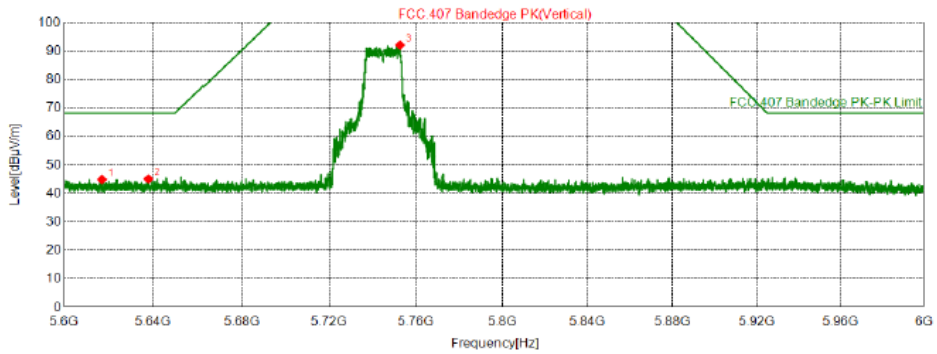
802.11a_5745MHz/ Horizontal



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5621.9000	45.45	44.77	68.20	23.43	380	76	Horizontal	PK
2	5638.5600	45.55	44.91	68.20	23.29	380	128	Horizontal	PK
3	5741.4200	96.04	95.84	122.20	26.36	380	138	Horizontal	PK

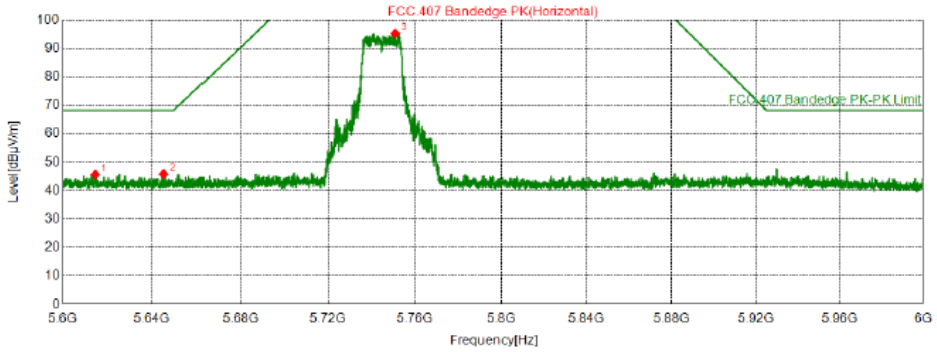
802.11a_5745MHz/ Vertical



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5617.0800	45.56	44.89	68.20	23.31	380	342	Vertical	PK
2	5638.1000	45.75	45.10	68.20	23.10	380	98	Vertical	PK
3	5752.6000	92.38	92.11	122.20	30.09	380	77	Vertical	PK

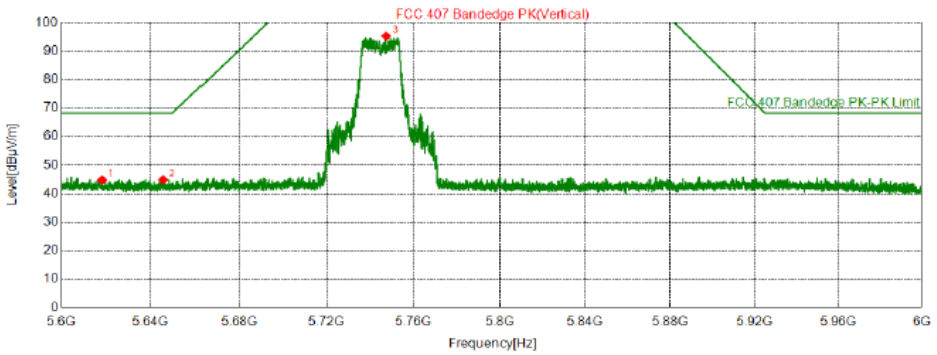
802.11n(20MHz)-5745MHz/ Horizontal



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5614.6600	46.28	45.62	68.20	22.58	380	56	Horizontal	PK
2	5645.5200	46.43	45.83	68.20	22.37	380	170	Horizontal	PK
3	5750.8800	95.49	95.23	122.20	26.97	380	185	Horizontal	PK

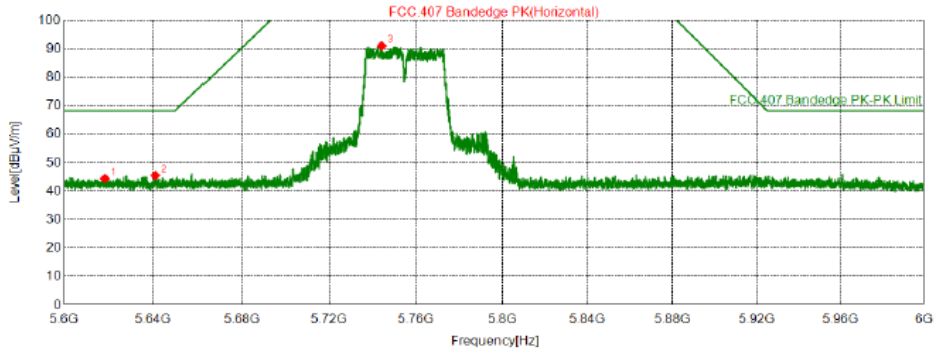
802.11n(20MHz)-5745MHz/ Vertical



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5618.3800	45.37	44.70	68.20	23.50	380	252	Vertical	PK
2	5645.9400	45.40	44.80	68.20	23.40	380	346	Vertical	PK
3	5747.3600	95.51	95.27	122.20	26.93	380	76	Vertical	PK

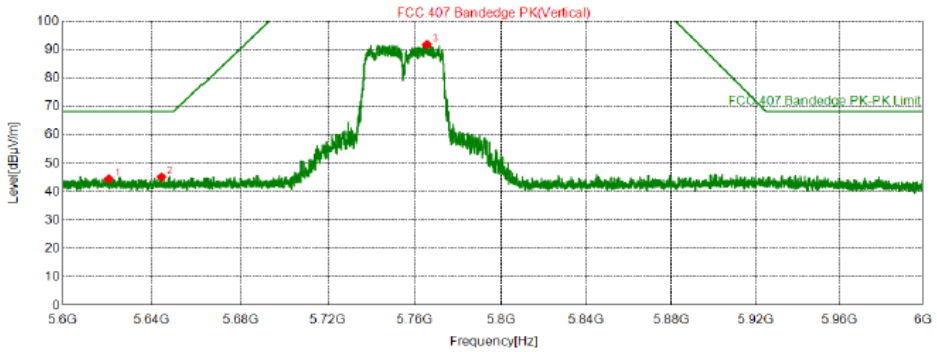
802.11n(40MHz)-5755MHz/ Horizontal



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5618.4200	45.04	44.37	68.20	23.83	380	5	Horizontal	PK
2	5641.2000	46.12	45.49	68.20	22.71	380	156	Horizontal	PK
3	5744.1400	91.24	91.02	122.20	31.18	380	181	Horizontal	PK

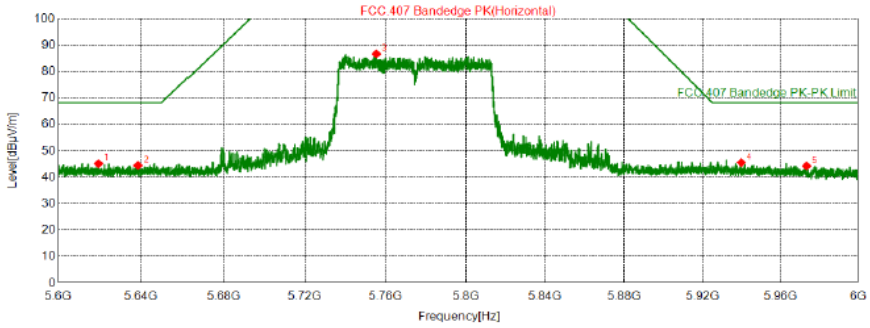
802.11n (40MHz)-5755MHz/ Vertical



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5620.7400	45.14	44.47	68.20	23.73	380	67	Vertical	PK
2	5644.6000	45.81	45.20	68.20	23.00	380	200	Vertical	PK
3	5765.6600	92.15	91.79	122.20	30.41	380	72	Vertical	PK

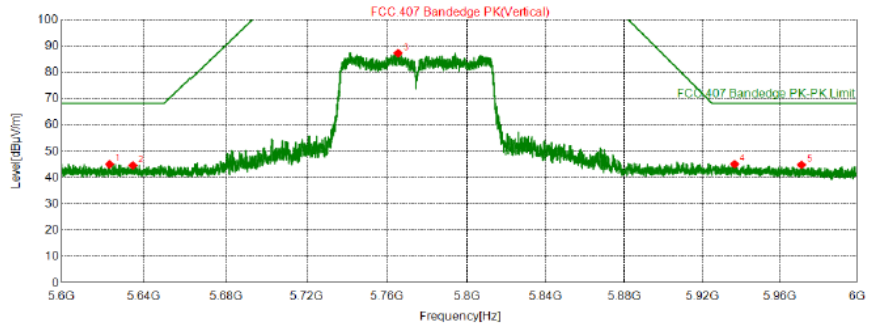
802.11ac(80MHz)-5775MHz/ Horizontal



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5619.4800	45.85	45.18	68.20	23.02	380	163	Horizontal	PK
2	5638.6800	45.10	44.46	68.20	23.74	380	7	Horizontal	PK
3	5755.3800	86.96	86.67	122.20	35.53	380	136	Horizontal	PK
4	5939.7600	45.90	45.57	68.20	22.63	380	247	Horizontal	PK
5	5973.3600	45.13	44.25	68.20	23.95	380	261	Horizontal	PK

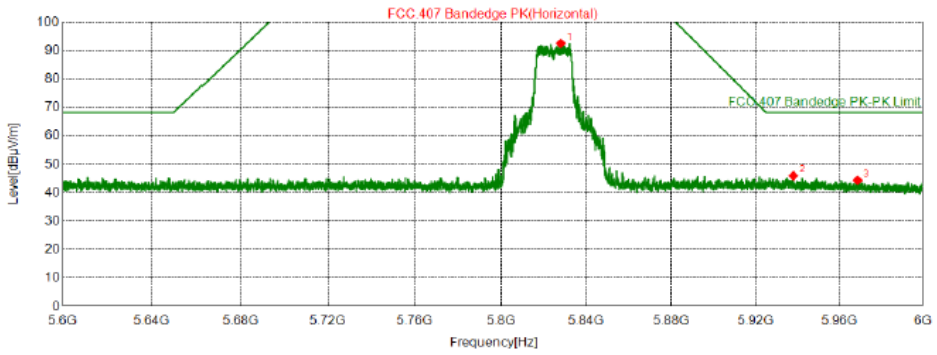
802.11ac(80MHz)-5775MHz/ Vertical



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5623.3800	45.78	45.10	68.20	23.10	380	112	Vertical	PK
2	5634.8400	45.31	44.64	68.20	23.56	380	234	Vertical	PK
3	5765.5200	87.65	87.29	122.20	34.91	380	79	Vertical	PK
4	5936.5800	45.44	45.16	68.20	23.04	380	261	Vertical	PK
5	5971.1600	45.74	44.89	68.20	23.31	380	38	Vertical	PK

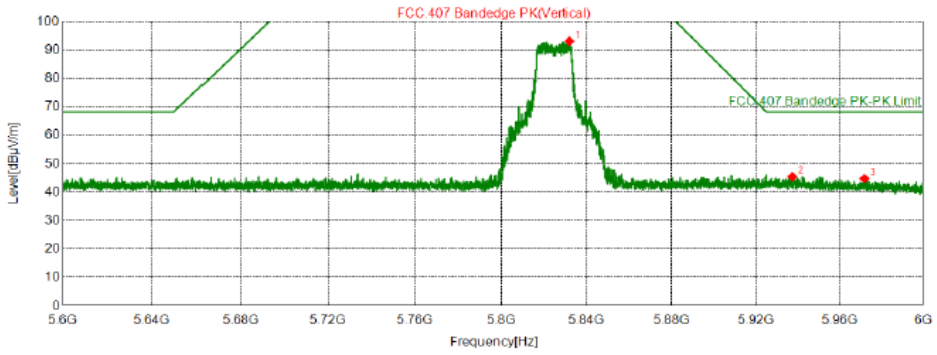
802.11a_5825MHz/ Horizontal



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5827.9600	93.35	92.57	122.20	29.63	380	149	Horizontal	PK
2	5937.9400	46.26	45.96	68.20	22.24	380	196	Horizontal	PK
3	5968.6400	45.16	44.35	68.20	23.85	380	51	Horizontal	PK

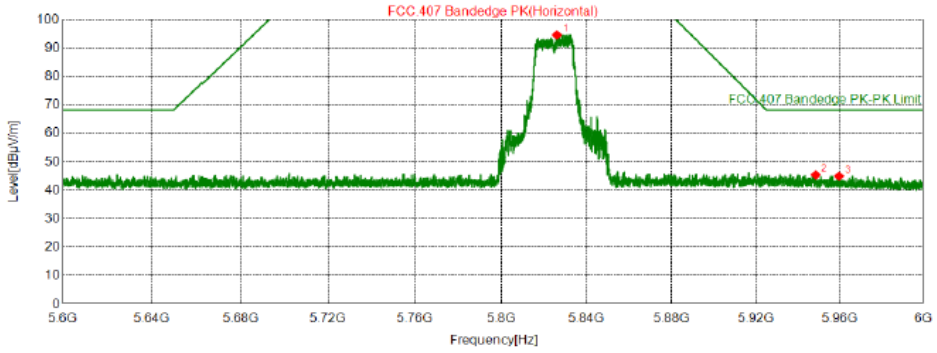
802.11a_5825MHz/ Vertical



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5831.9000	93.84	93.06	122.20	29.14	380	34	Vertical	PK
2	5937.3000	45.73	45.44	68.20	22.76	380	2	Vertical	PK
3	5971.7800	45.62	44.76	68.20	23.44	380	195	Vertical	PK

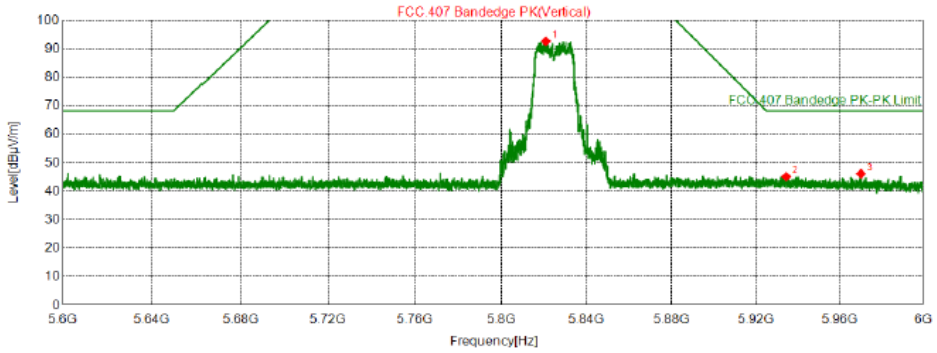
802.11n(20MHz)-5825MHz/ Horizontal



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5826.1000	95.38	94.61	122.20	27.59	380	139	Horizontal	PK
2	5948.4400	45.92	45.44	68.20	22.76	380	191	Horizontal	PK
3	5959.6200	45.64	44.98	68.20	23.22	380	310	Horizontal	PK

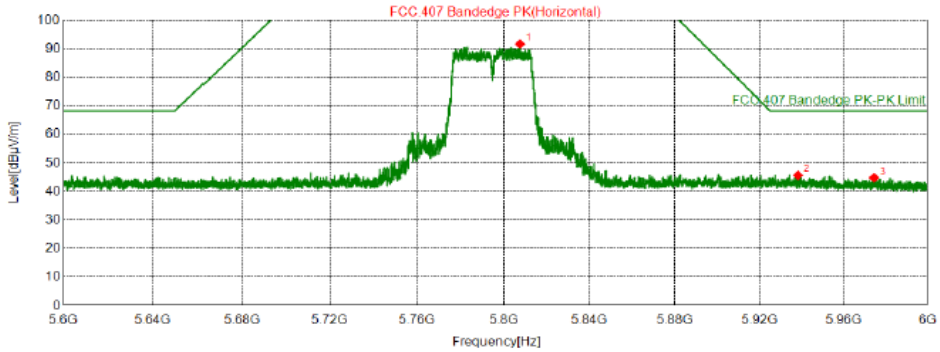
802.11n(20MHz)-5825MHz/ Vertical



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5820.9000	93.39	92.66	122.20	29.54	380	191	Vertical	PK
2	5934.3800	45.39	45.15	68.20	23.05	380	217	Vertical	PK
3	5970.1000	46.96	46.13	68.20	22.07	380	140	Vertical	PK

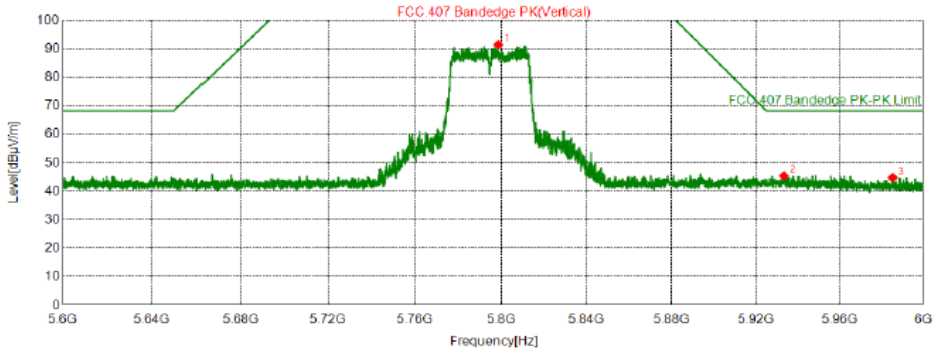
802.11n(40MHz)-5795MHz/ Horizontal



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5807.6400	92.29	91.65	122.20	30.55	380	148	Horizontal	PK
2	5938.1800	45.96	45.65	68.20	22.55	380	117	Horizontal	PK
3	5974.4200	45.71	44.81	68.20	23.39	380	174	Horizontal	PK

802.11n (40MHz)-5795MHz/ Vertical



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5798.6800	92.01	91.43	122.20	30.77	380	48	Vertical	PK
2	5933.2800	45.63	45.40	68.20	22.80	380	222	Vertical	PK
3	5985.3400	45.87	44.79	68.20	23.41	380	79	Vertical	PK

4.7 Radiated Emission Measurement

4.7.1 Limits

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table.

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
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 lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. For frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20 dB under any condition of modulation.

APPLICABLE TO	LIMIT	
789033 D02 General U-NII Test Procedures New Rules v01r03	FIELD STRENGTH AT 3m (dBµV/m)	
	PK : 74	AV : 54
APPLICABLE TO	EIRP LIMIT (dBm/MHz)	EQUIVALENT FIELD STRENGTH AT 3m (dBµV/m)
15.407(b)(1)	PK : -27	PK : 68.3
15.407(b)(2)		
15.407(b)(3)		
15.407(b)(4)	Note	Note

Note: 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.

4.7.2 Test Procedures

For Radiated emission below 30MHz

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degree to determine the position of the highest radiation.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. Both X and Y axes of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and the rotate table was turned from 0 degree to 360 degree to find the maximum reading.

e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

Note:

The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9kHz at frequency below 30MHz.

For Radiated emission above 30MHz

a. The EUT was placed on the top of a rotating table 0.8 meters (for below 1 GHz) / 1.5 meters (for above 1 GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

f. The test-receiver system was set to peak and average detected function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets

average limit, measurement with the average detector is unnecessary.

Note:

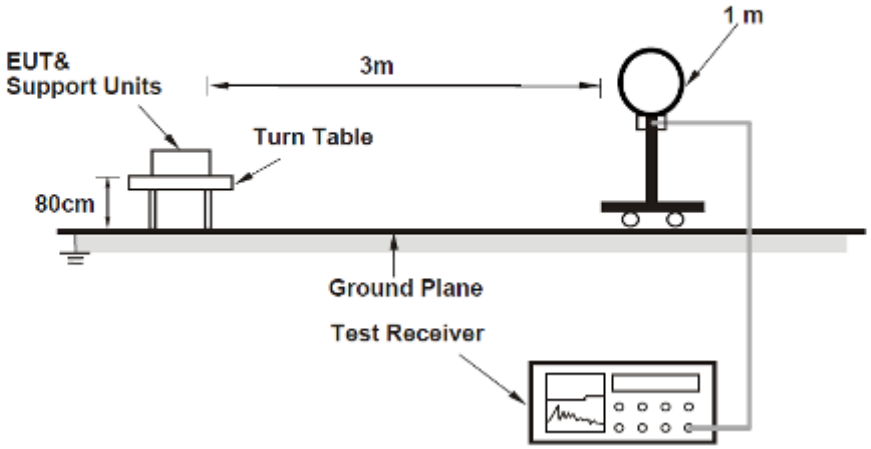
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz & 360 kHz for Quasi-peak detection (QP) at frequency below 1 GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1 GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1/T for RMS Average (Duty cycle < 98 %) for Peak detection at frequency above 1 GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 10 Hz (Duty cycle $\geqslant$ 98 %) for Average detection (AV) at frequency above 1 GHz.
5. All modes of operation were investigated and the worst-case emissions are reported.

4.7.3 Deviation from Test Standard

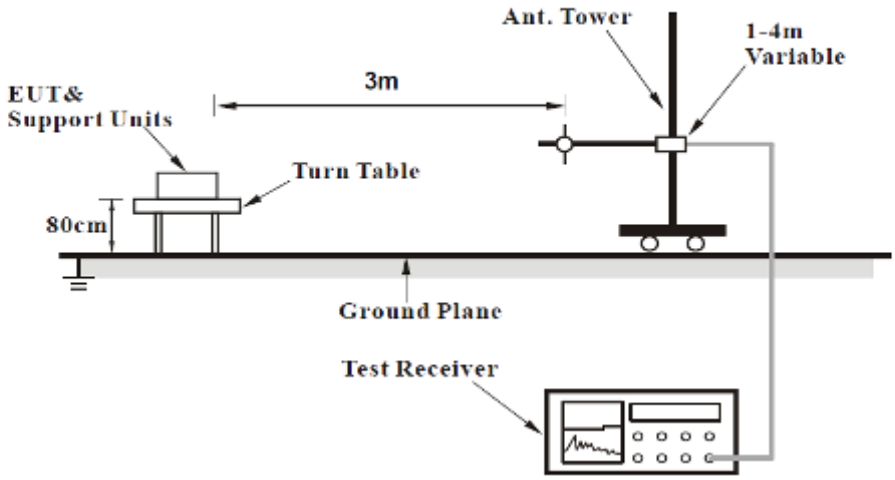
No deviation.

4.7.4 Test Setup

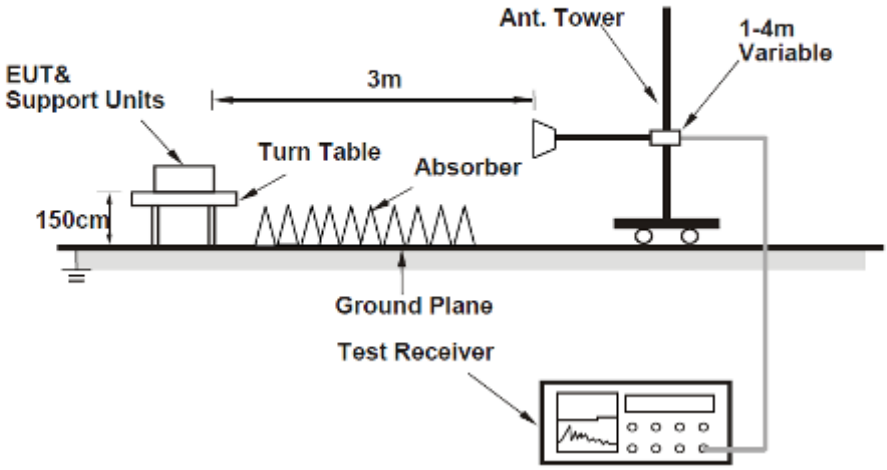
For Radiated emission below 30MHz



For Radiated emission 30MHz to 1GHz



For Radiated emission above 1GHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).

4.7.5 EUT Operating Conditions

a. Placed the EUT on a testing table.

b. Use the software to control the EUT under transmission condition continuously at specific channel frequency.

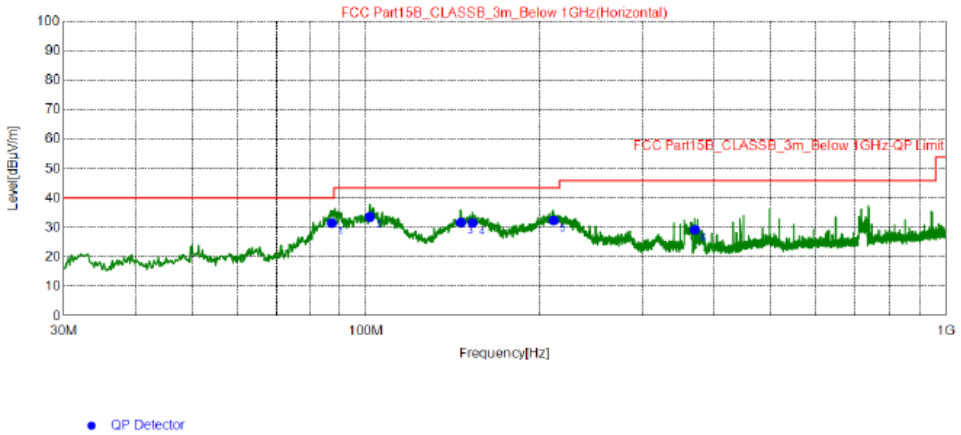
4.7.6 Test Results

Radiated Emissions Range 9kHz~30MHz

The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Radiated Emissions Range 30MHz~1GHz

Mode	802.11a-5745MHz	**Detector Function**	Quasi-Peak (QP)
Frequency Range	30MHz ~ 1GHz	**Antenna Polarity**	Horizontal
Power supply	AC 120V, 60Hz		



Final Data List

NO.	Freq. [MHz]	QP Reading [dBµV/m]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	87.23	46.93	-15.46	31.47	40.00	8.53	200	158	Horizontal
2	101.5	48.41	-14.77	33.64	43.50	9.86	200	319	Horizontal
3	146.0	41.85	-10.15	31.70	43.50	11.80	200	136	Horizontal
4	152.8	41.52	-9.96	31.56	43.50	11.94	200	158	Horizontal
5	211.0	44.34	-11.92	32.42	43.50	11.08	200	199	Horizontal
6	370.2	36.12	-6.90	29.22	46.00	16.78	200	158	Horizontal

REMARKS:

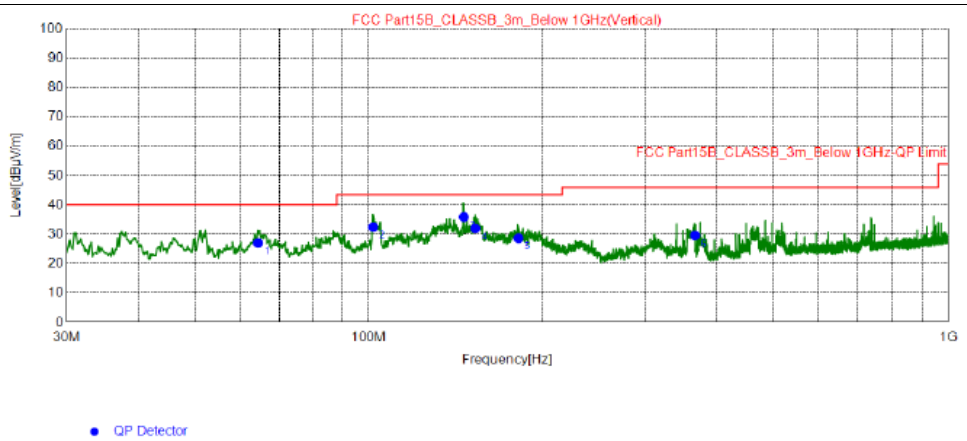
1. Emission Level(dBuV/m) = Spectrum reading (dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)

3. The other emission levels were very low against the limit.

4. Margin value =Limit value – Emission Level

Mode	802.11a-5745MHz	**Detector Function**	Quasi-Peak (QP)
Frequency Range	30MHz ~ 1GHz	**Antenna Polarity**	Vertical
Power supply	AC 120V, 60Hz		



Final Data List

NO.	Freq. [MHz]	QP Reading [dBµV/m]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	64.33	38.09	-11.04	27.05	40.00	12.95	100	300	Vertical
2	101.7	47.25	-14.75	32.50	43.50	11.00	100	340	Vertical
3	146.0	46.07	-10.15	35.92	43.50	7.58	100	83	Vertical
4	152.8	41.97	-9.96	32.01	43.50	11.49	100	151	Vertical
5	181.5	39.65	-10.99	28.66	43.50	14.84	100	160	Vertical
6	366.3	36.64	-7.02	29.62	46.00	16.38	100	281	Vertical

REMARKS:

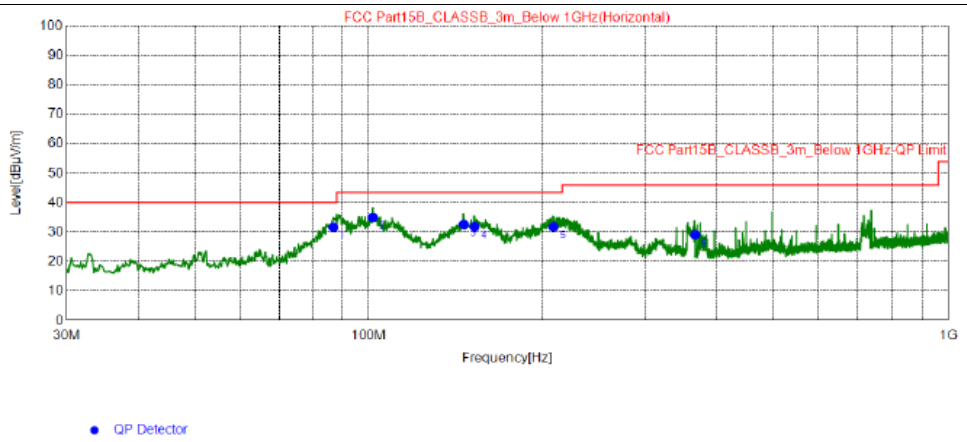
1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)

3. The other emission levels were very low against the limit.

4. Margin value =Limit value – Emission Level

Mode	802.11a-5745MHz	**Detector Function**	Quasi-Peak (QP)
Frequency Range	30MHz ~ 1GHz	**Antenna Polarity**	Horizontal
Power supply	AC 240V, 50Hz		



Final Data List

NO.	Freq. [MHz]	QP Reading [dBµV/m]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	86.84	47.04	-15.40	31.64	40.00	8.36	200	156	Horizontal
2	101.5	49.8	-14.77	35.03	43.50	8.47	200	294	Horizontal
3	146.0	42.82	-10.15	32.67	43.50	10.83	200	102	Horizontal
4	152.4	41.81	-9.97	31.84	43.50	11.66	200	116	Horizontal
5	208.6	43.74	-11.96	31.78	43.50	11.72	200	175	Horizontal
6	366.5	36.09	-7.01	29.08	46.00	16.92	200	175	Horizontal

REMARKS:

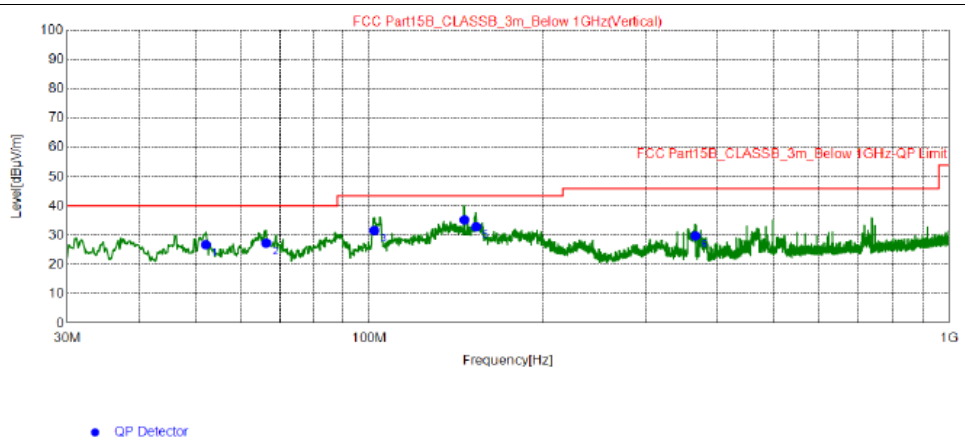
1. Emission Level(dBuV/m) = Spectrum reading (dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)

3. The other emission levels were very low against the limit.

4. Margin value =Limit value – Emission Level

Mode	802.11a-5745MHz	**Detector Function**	Quasi-Peak (QP)
Frequency Range	30MHz ~ 1GHz	**Antenna Polarity**	Vertical
Power supply	AC 240V, 50Hz		



Final Data List

NO.	Freq. [MHz]	QP Reading [dBμV/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	52.11	36.6	-9.82	26.78	40.00	13.22	100	108	Vertical
2	66.27	38.75	-11.39	27.36	40.00	12.64	100	333	Vertical
3	101.9	46.33	-14.73	31.60	43.50	11.90	100	347	Vertical
4	146.0	45.48	-10.15	35.33	43.50	8.17	100	108	Vertical
5	152.9	42.97	-9.96	33.01	43.50	10.49	100	47	Vertical
6	366.0	36.84	-7.03	29.81	46.00	16.19	100	291	Vertical

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)

2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)

3. The other emission levels were very low against the limit.

4. Margin value =Limit value – Emission Level

Radiated Emission Range 1GHz~10th Harmonic

802.11a

Channel	TX Channel 36	**Detector Function**	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Correction Factor (dB/m)**	**Antenna Polarity**	**Detector**
1	15540.1000	34.30	74.00	39.70	1.94	H	PK
2	15540.1000	29.27	54.00	24.73	1.94	H	AV
3	15540.1000	33.89	74.00	40.11	1.94	V	PK
4	15540.1000	29.09	54.00	24.91	1.94	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

Channel	TX Channel 40	**Detector Function**	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Correction Factor (dB/m)**	**Antenna Polarity**	**Detector**
1	15601.3000	34.24	74.00	39.76	1.78	H	PK
2	15601.3000	28.78	54.00	25.22	1.78	H	AV
3	15601.3000	33.97	74.00	40.03	1.78	V	PK
4	15601.3000	29.73	54.00	24.27	1.78	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

Channel	TX Channel 48	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Correction Factor (dB/m)	Antenna Polarity	Detector
1	15720.3000	33.98	74.00	40.02	1.42	H	PK
2	15720.3000	30.10	54.00	23.90	1.42	H	AV
3	15720.3000	34.52	74.00	39.48	1.42	V	PK
4	15720.3000	27.87	54.00	26.13	1.42	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value =Limit value – Emission Level

Channel	TX Channel 52	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Correction Factor (dB/m)	Antenna Polarity	Detector
1	15781.5000	34.10	74.00	39.90	1.23	H	PK
2	15781.5000	28.70	54.00	25.30	1.23	H	AV
3	15781.5000	33.61	74.00	40.39	1.23	V	PK
4	15781.5000	28.79	54.00	25.21	1.23	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value =Limit value – Emission Level

Channel	TX Channel 56	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Correction Factor (dB/m)	Antenna Polarity	Detector
1	15841.0000	32.65	74.00	41.35	1.08	H	PK
2	15841.0000	27.15	54.00	26.85	1.08	H	AV
3	15841.0000	32.20	74.00	41.80	1.08	V	PK
4	15841.0000	27.76	54.00	26.24	1.08	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

Channel	TX Channel 64	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Correction Factor (dB/m)	Antenna Polarity	Detector
1	15960.0000	32.14	74.00	41.86	0.81	H	PK
2	15960.0000	27.42	54.00	26.58	0.81	H	AV
3	15960.0000	32.26	74.00	41.74	0.81	V	PK
4	15960.0000	28.43	54.00	25.57	0.81	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value =Limit value – Emission Level

Channel	TX Channel 100	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Correction Factor (dB/m)	Antenna Polarity	Detector
1	16500.6000	34.44	74.00	39.56	2.87	H	PK
2	16500.6000	29.92	54.00	24.08	2.87	H	AV
3	16500.6000	34.06	74.00	39.94	2.87	V	PK
4	16500.6000	28.87	54.00	25.13	2.87	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

Channel	TX Channel 120	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Correction Factor (dB/m)	Antenna Polarity	Detector
1	16801.5000	35.65	74.00	38.35	4.20	H	PK
2	16801.5000	29.90	54.00	24.10	4.20	H	AV
3	16801.5000	35.66	74.00	38.34	4.20	V	PK
4	16801.5000	31.04	54.00	22.96	4.20	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

Channel	TX Channel 140	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Correction Factor (dB/m)	Antenna Polarity	Detector
1	17100.7000	32.60	54.00	21.40	5.96	H	PK
2	17100.7000	37.51	74.00	36.49	5.96	H	AV
3	17100.7000	37.26	74.00	36.74	5.96	V	PK
4	17100.7000	32.05	54.00	21.95	5.96	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

Channel	TX Channel 149	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Correction Factor (dB/m)	Antenna Polarity	Detector
1	17235.0000	38.90	74.00	35.10	7.22	H	PK
2	17235.0000	32.82	54.00	21.18	7.22	H	AV
3	17235.0000	37.75	74.00	36.25	7.22	V	PK
4	17235.0000	34.38	54.00	19.62	7.22	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value =Limit value – Emission Level

Channel	TX Channel 157	**Detector Function**	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Correction Factor (dB/m)**	**Antenna Polarity**	**Detector**
1	17355.7000	40.61	74.00	33.39	8.37	H	PK
2	17355.7000	33.95	54.00	20.05	8.37	H	AV
3	17355.7000	39.85	74.00	34.15	8.37	V	PK
4	17355.7000	35.50	54.00	18.50	8.37	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

Channel	TX Channel 165	**Detector Function**	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Correction Factor (dB/m)**	**Antenna Polarity**	**Detector**
1	17476.4000	41.24	74.00	32.76	9.43	H	PK
2	17476.4000	36.27	54.00	17.73	9.43	H	AV
3	17476.4000	40.16	74.00	33.84	9.43	V	PK
4	17476.4000	36.39	54.00	17.61	9.43	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

802.11n (20MHz)

Channel	TX Channel 36	**Detector Function**	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Correction Factor (dB/m)**	**Antenna Polarity**	**Detector**
1	15540.1000	35.38	74.00	38.62	1.94	H	PK
2	15540.1000	29.72	54.00	24.28	1.94	H	AV
3	15540.1000	34.71	74.00	39.29	1.94	V	PK
4	15540.1000	29.45	54.00	24.55	1.94	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

Channel	TX Channel 44	**Detector Function**	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Correction Factor (dB/m)**	**Antenna Polarity**	**Detector**
1	15601.3000	34.46	74.00	39.54	1.78	H	PK
2	15601.3000	30.23	54.00	23.77	1.78	H	AV
3	15601.3000	35.00	74.00	39.00	1.78	V	PK
4	15601.3000	29.42	54.00	24.58	1.78	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

Channel	TX Channel 48	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Correction Factor (dB/m)	Antenna Polarity	Detector
1	15720.3000	34.80	74.00	39.20	1.42	H	PK
2	15720.3000	30.68	54.00	23.32	1.42	H	AV
3	15720.3000	34.69	74.00	39.31	1.42	V	PK
4	15720.3000	29.69	54.00	24.31	1.42	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value =Limit value – Emission Level

Channel	TX Channel 52	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Correction Factor (dB/m)	Antenna Polarity	Detector
1	15781.5000	33.95	74.00	40.05	1.23	H	PK
2	15781.5000	29.65	54.00	24.35	1.23	H	AV
3	15781.5000	34.73	74.00	39.27	1.23	V	PK
4	15781.5000	28.23	54.00	25.77	1.23	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value =Limit value – Emission Level

Channel	TX Channel 56	**Detector Function**	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Correction Factor (dB/m)**	**Antenna Polarity**	**Detector**
1	15841.0000	34.06	74.00	39.94	1.08	H	PK
2	15841.0000	29.21	54.00	24.79	1.08	H	AV
3	15841.0000	34.49	74.00	39.51	1.08	V	PK
4	15841.0000	29.64	54.00	24.36	1.08	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

Channel	TX Channel 64	**Detector Function**	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Correction Factor (dB/m)**	**Antenna Polarity**	**Detector**
1	15960.0000	33.71	74.00	40.29	0.81	H	PK
2	15960.0000	27.53	54.00	26.47	0.81	H	AV
3	15960.0000	33.04	74.00	40.96	0.81	V	PK
4	15960.0000	28.12	54.00	25.88	0.81	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value =Limit value – Emission Level

Channel	TX Channel 100	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Correction Factor (dB/m)	Antenna Polarity	Detector
1	16500.6000	34.50	74.00	39.50	2.87	H	PK
2	16500.6000	28.48	54.00	25.52	2.87	H	AV
3	16500.6000	36.13	74.00	37.87	2.87	V	PK
4	16500.6000	29.48	54.00	24.52	2.87	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

Channel	TX Channel 120	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Correction Factor (dB/m)	Antenna Polarity	Detector
1	16801.5000	36.27	74.00	37.73	4.20	H	PK
2	16801.5000	29.94	54.00	24.06	4.20	H	AV
3	16801.5000	34.47	74.00	39.53	4.20	V	PK
4	16801.5000	31.47	54.00	22.53	4.20	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

Channel	TX Channel 140	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Correction Factor (dB/m)	Antenna Polarity	Detector
1	17100.7000	43.23	74.00	30.77	5.96	H	PK
2	17100.7000	40.53	54.00	13.47	5.96	H	AV
3	17100.7000	37.89	74.00	36.11	5.96	V	PK
4	17100.7000	32.77	54.00	21.23	5.96	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

Channel	TX Channel 149	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Correction Factor (dB/m)	Antenna Polarity	Detector
1	17235.0000	39.31	74.00	34.69	7.22	H	PK
2	17235.0000	33.95	54.00	20.05	7.22	H	AV
3	17235.0000	40.10	74.00	33.90	7.22	V	PK
4	17235.0000	33.25	54.00	20.75	7.22	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value =Limit value – Emission Level

Channel	TX Channel 157	**Detector Function**	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Correction Factor (dB/m)**	**Antenna Polarity**	**Detector**
1	17355.7000	41.46	74.00	32.54	8.37	H	PK
2	17355.7000	34.82	54.00	19.18	8.37	H	AV
3	17355.7000	40.59	74.00	33.41	8.37	V	PK
4	17355.7000	35.33	54.00	18.67	8.37	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

Channel	TX Channel 165	**Detector Function**	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Correction Factor (dB/m)**	**Antenna Polarity**	**Detector**
1	17476.4000	41.74	74.00	32.26	9.43	H	PK
2	17476.4000	36.91	54.00	17.09	9.43	H	AV
3	17476.4000	41.49	74.00	32.51	9.43	V	PK
4	17476.4000	35.87	54.00	18.13	9.43	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

802.11n (40MHz)

Channel	TX Channel 38	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Correction Factor (dB/m)	Antenna Polarity	Detector
1	15570.7000	34.74	74.00	39.26	1.86	H	PK
2	15570.7000	29.82	54.00	24.18	1.86	H	AV
3	15570.7000	34.84	74.00	39.16	1.86	V	PK
4	15570.7000	29.53	54.00	24.47	1.86	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

Channel	TX Channel 46	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Correction Factor (dB/m)	Antenna Polarity	Detector
1	15691.4000	34.61	74.00	39.39	1.51	H	PK
2	15691.4000	30.80	54.00	23.20	1.51	H	AV
3	15691.4000	34.00	74.00	40.00	1.51	V	PK
4	15691.4000	29.13	54.00	24.87	1.51	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

Channel	TX Channel 54	**Detector Function**	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Correction Factor (dB/m)**	**Antenna Polarity**	**Detector**
1	15810.4000	33.20	74.00	40.80	1.15	H	PK
2	15810.4000	28.05	54.00	25.95	1.15	H	AV
3	15810.4000	34.54	74.00	39.46	1.15	V	PK
4	15810.4000	28.30	54.00	25.70	1.15	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

Channel	TX Channel 62	**Detector Function**	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Correction Factor (dB/m)**	**Antenna Polarity**	**Detector**
1	15931.1000	32.72	74.00	41.28	0.88	H	PK
2	15931.1000	29.52	54.00	24.48	0.88	H	AV
3	15931.1000	33.67	74.00	40.33	0.88	V	PK
4	15931.1000	27.53	54.00	26.47	0.88	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

Channel	TX Channel 102	**Detector Function**	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Correction Factor (dB/m)**	**Antenna Polarity**	**Detector**
1	16531.2000	35.12	74.00	38.88	2.98	H	PK
2	16531.2000	29.31	54.00	24.69	2.98	H	AV
3	16531.2000	34.31	74.00	39.69	2.98	V	PK
4	16531.2000	29.11	54.00	24.89	2.98	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

Channel	TX Channel 118	**Detector Function**	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Correction Factor (dB/m)**	**Antenna Polarity**	**Detector**
1	16770.9000	37.31	74.00	36.69	4.05	H	PK
2	16770.9000	31.03	54.00	22.97	4.05	H	AV
3	16770.9000	34.13	74.00	39.87	4.05	V	PK
4	16770.9000	29.66	54.00	24.34	4.05	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

Channel	TX Channel 134	**Detector Function**	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Correction Factor (dB/m)**	**Antenna Polarity**	**Detector**
1	17010.6000	37.07	74.00	36.93	5.12	H	PK
2	17010.6000	30.11	54.00	23.89	5.12	H	AV
3	17010.6000	36.47	74.00	37.53	5.12	V	PK
4	17010.6000	31.45	54.00	22.55	5.12	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

Channel	TX Channel 151	**Detector Function**	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Correction Factor (dB/m)**	**Antenna Polarity**	**Detector**
1	17265.6000	40.79	74.00	33.21	7.51	H	PK
2	17265.6000	34.66	54.00	19.34	7.51	H	AV
3	17265.6000	40.51	74.00	33.49	7.51	V	PK
4	17265.6000	35.60	54.00	18.40	7.51	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

Channel	TX Channel 159	**Detector Function**	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Correction Factor (dB/m)**	**Antenna Polarity**	**Detector**
1	17386.3000	41.28	74.00	32.72	8.66	H	PK
2	17386.3000	34.96	54.00	19.04	8.66	H	AV
3	17386.3000	40.60	74.00	33.40	8.66	V	PK
4	17386.3000	35.66	54.00	18.34	8.66	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

802.11ac (80MHz)

Channel	TX Channel 42	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Correction Factor (dB/m)	Antenna Polarity	Detector
1	15630.2000	35.86	74.00	38.14	1.69	H	PK
2	15630.2000	30.51	54.00	23.49	1.69	H	AV
3	15630.2000	35.03	74.00	38.97	1.69	V	PK
4	15630.2000	28.99	54.00	25.01	1.69	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

Channel	TX Channel 58	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Correction Factor (dB/m)	Antenna Polarity	Detector
1	15871.6000	34.08	74.00	39.92	1.01	H	PK
2	15871.6000	28.89	54.00	25.11	1.01	H	AV
3	15871.6000	32.93	74.00	41.07	1.01	V	PK
4	15871.6000	28.90	54.00	25.10	1.01	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

Channel	TX Channel 106	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Correction Factor (dB/m)	Antenna Polarity	Detector
1	16590.7000	35.53	74.00	38.47	3.21	H	PK
2	16590.7000	31.91	54.00	22.09	3.21	H	AV
3	16590.7000	34.71	74.00	39.29	3.21	V	PK
4	16590.7000	28.91	54.00	25.09	3.21	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

Channel	TX Channel 122	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Correction Factor (dB/m)	Antenna Polarity	Detector
1	16830.4000	35.94	74.00	38.06	4.32	H	PK
2	16830.4000	29.71	54.00	24.29	4.32	H	AV
3	16830.4000	37.34	74.00	36.66	4.32	V	PK
4	16830.4000	30.70	54.00	23.30	4.32	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

Channel	TX Channel 155	**Detector Function**	Peak (PK)
Frequency Range	1GHz ~ 25GHz		Average (AV)

Spurious Emission Level							
No.	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Correction Factor (dB/m)**	**Antenna Polarity**	**Detector**
1	17325.1000	40.90	74.00	33.10	8.08	H	PK
2	17325.1000	33.86	54.00	20.14	8.08	H	AV
3	17325.1000	40.38	74.00	33.62	8.08	V	PK
4	17325.1000	35.01	54.00	18.99	8.08	V	AV

REMARKS:

1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Limit value – Emission Level

5 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo).

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