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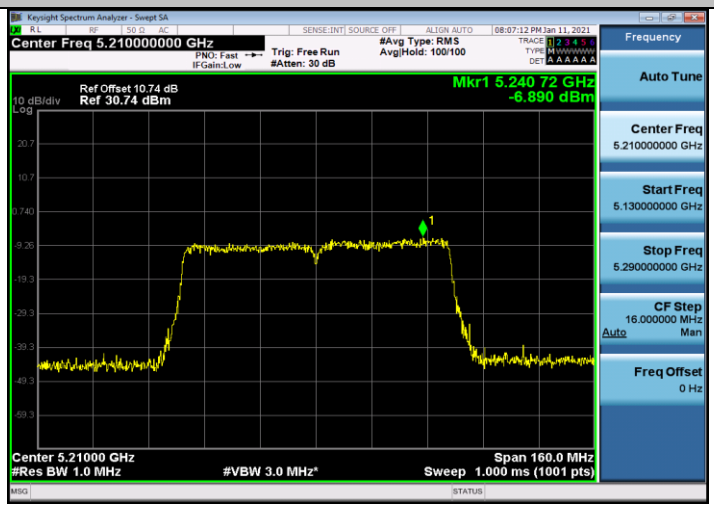

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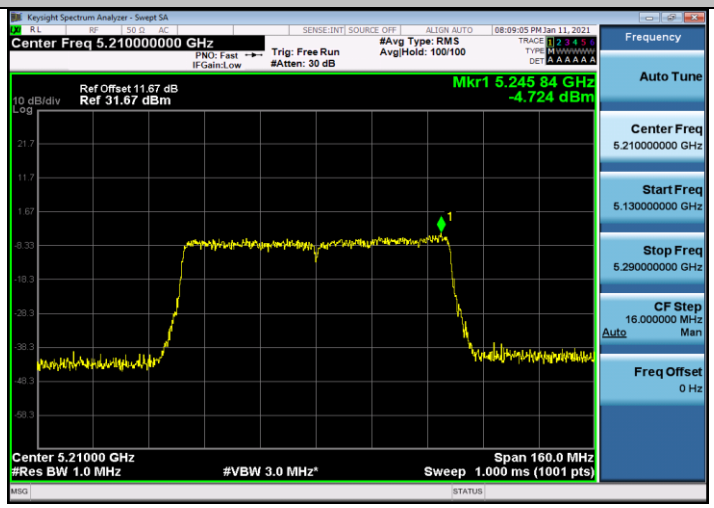

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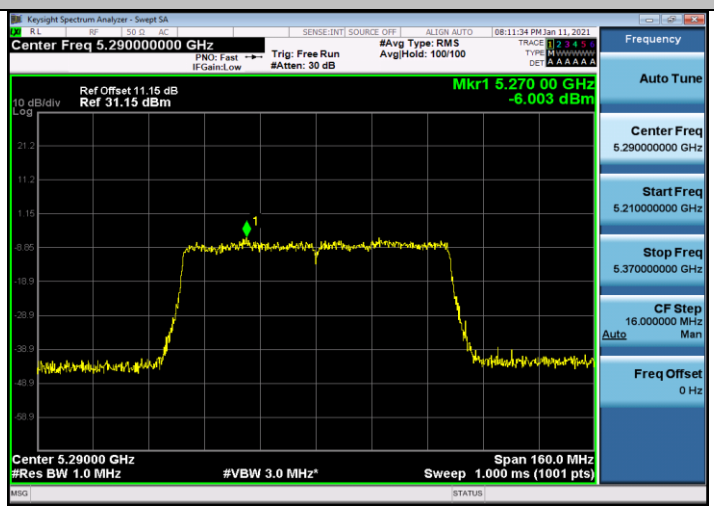

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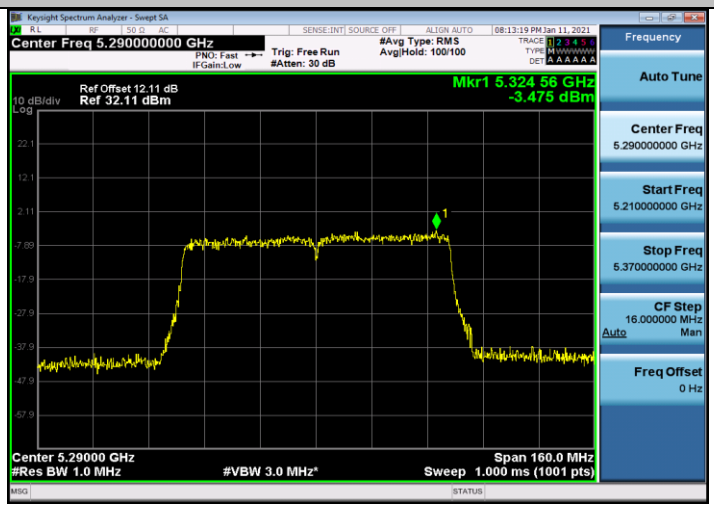

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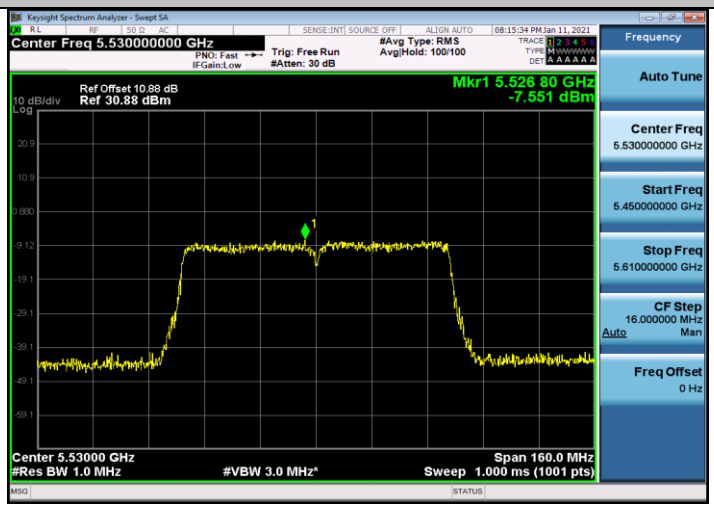

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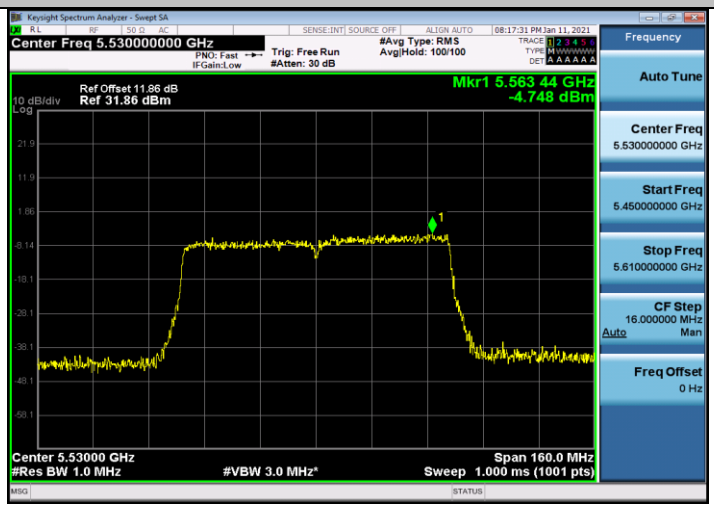

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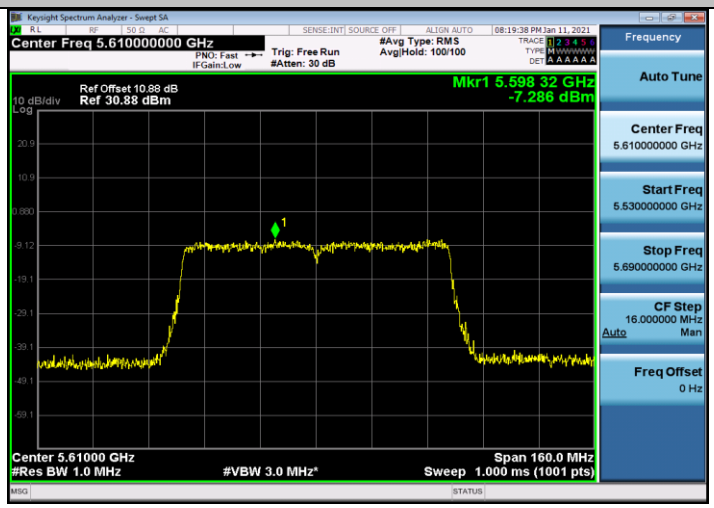

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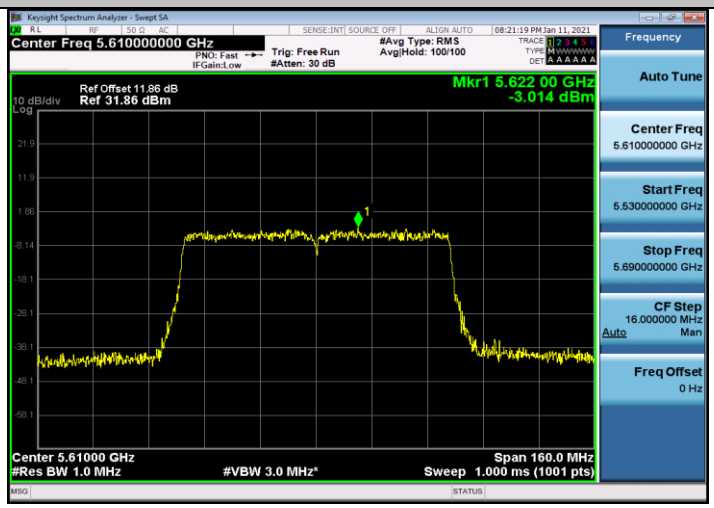

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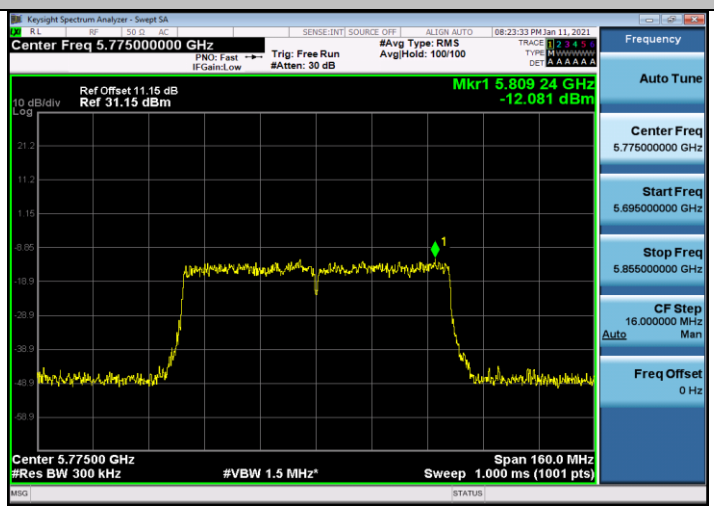

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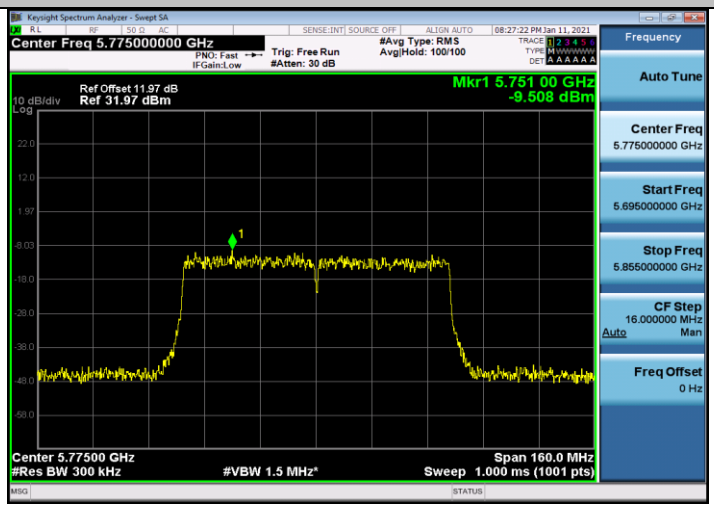


4.6 Emissions in restricted frequency bands

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

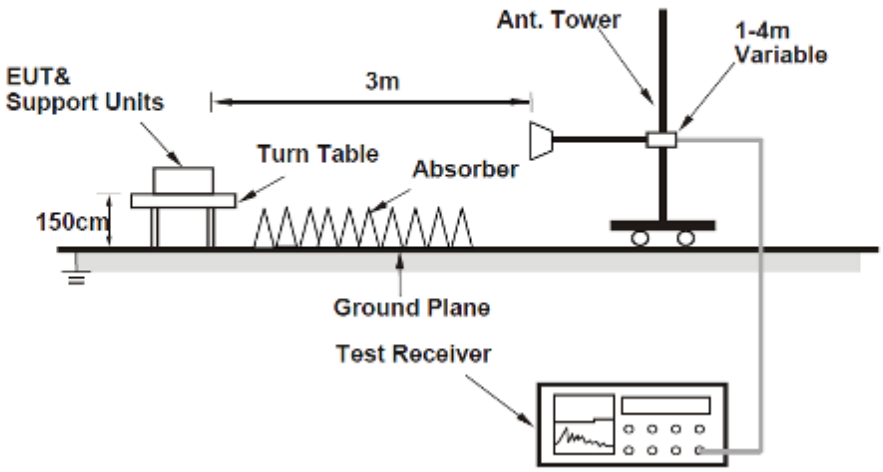
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

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

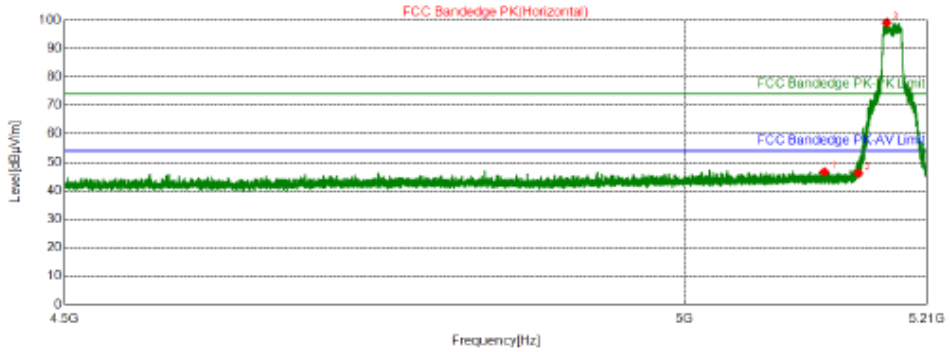
4.6.4 Test Setup

For Radiated emission above 1GHz



4.6.5 Test Results

802.11a-5180MHz/ Horizontal



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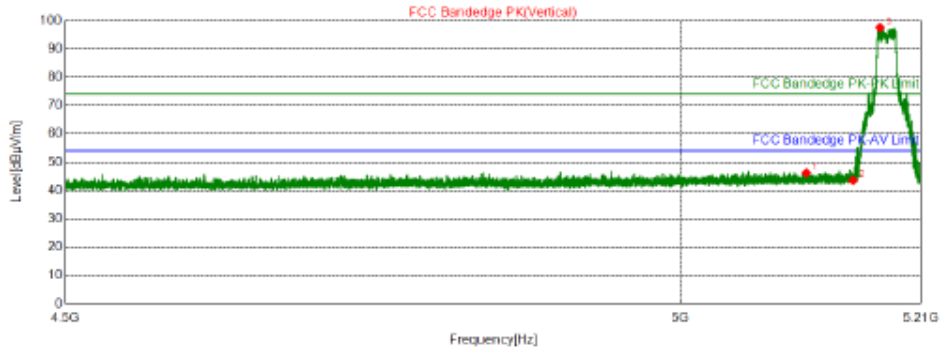
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5120.3270	47.21	46.63	74.00	27.37	380	12	Horizontal	PK
2	5150.0050	46.71	46.19	74.00	27.81	380	162	Horizontal	PK
3	5174.6775	99.56	99.08	74.00	-25.08	380	147	Horizontal	PK

802.11a-5180MHz/ Vertical



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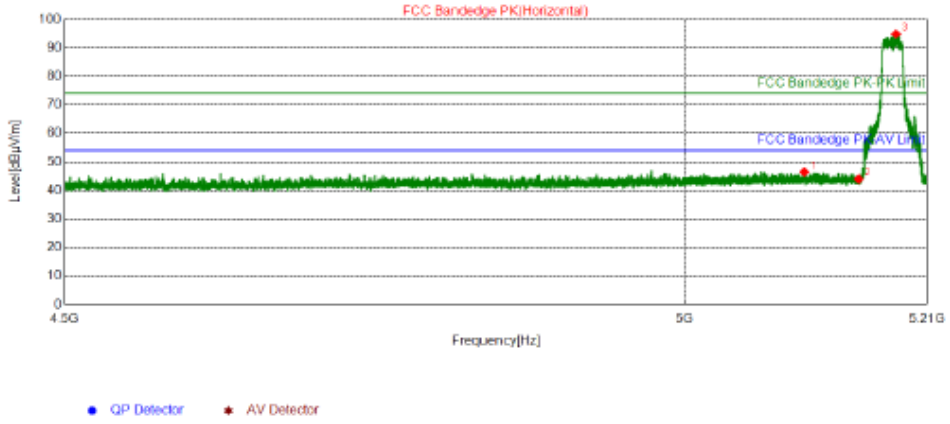
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5108.9315	46.81	46.19	74.00	27.81	380	336	Vertical	PK
2	5150.0050	44.12	43.60	74.00	30.40	380	71	Vertical	PK
3	5173.6835	98.03	97.55	74.00	-23.55	380	352	Vertical	PK

802.11n(20MHz)-5180MHz/ Horizontal



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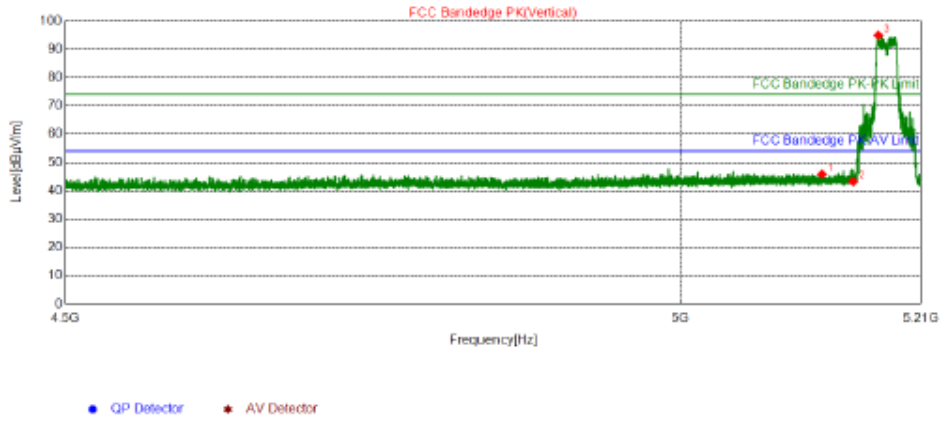
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5102.5770	47.11	46.47	74.00	27.53	380	66	Horizontal	PK
2	5150.0050	44.54	44.02	74.00	29.98	380	278	Horizontal	PK
3	5182.6650	95.33	94.86	74.00	-20.86	380	170	Horizontal	PK

802.11n(20MHz)-5180MHz/ Vertical



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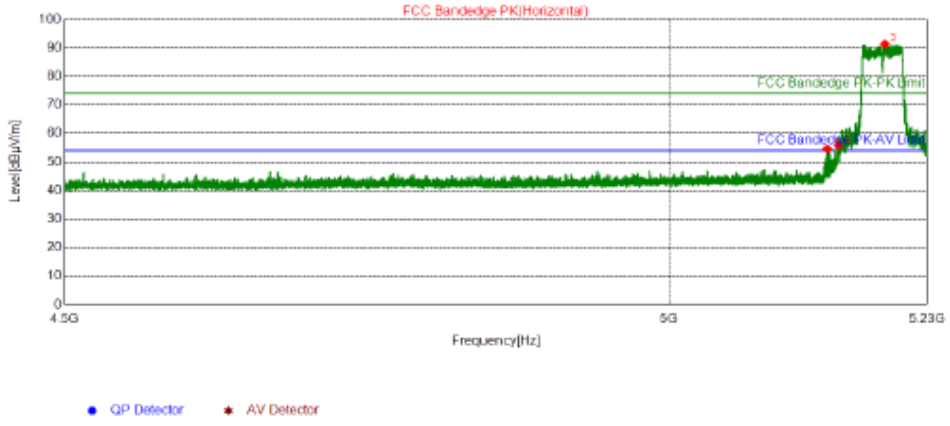
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5122.5280	46.45	45.87	74.00	28.13	380	128	Vertical	PK
2	5150.0050	43.80	43.28	74.00	30.72	380	325	Vertical	PK
3	5172.1215	95.42	94.93	74.00	-20.93	380	66	Vertical	PK

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



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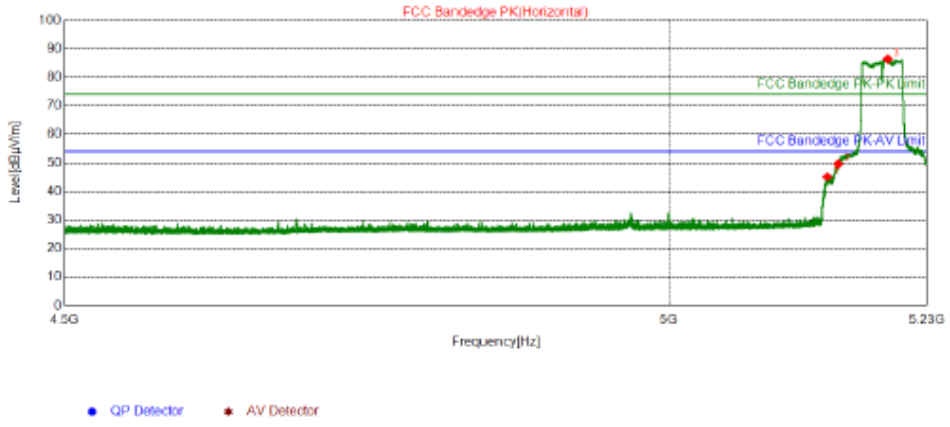
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5139.8450	55.15	54.61	74.00	19.39	380	165	Horizontal	PK
2	5150.0285	56.29	55.77	74.00	18.23	380	278	Horizontal	PK
3	5191.7115	91.78	91.33	74.00	-17.33	380	170	Horizontal	PK

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



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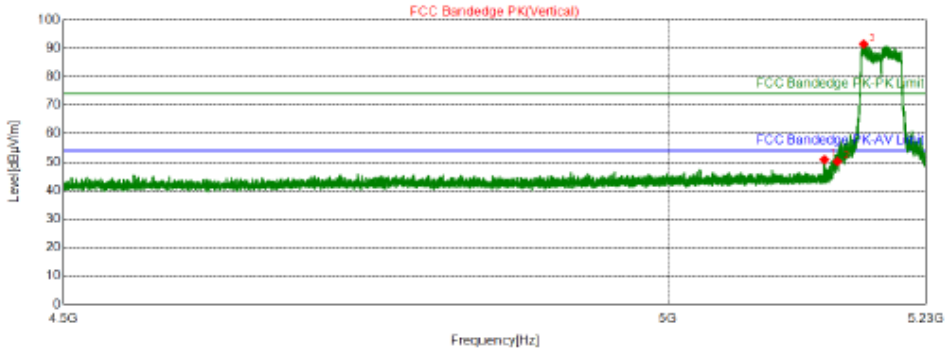
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5140.0275	45.69	45.15	54.00	8.85	380	173	Horizontal	PK
2	5150.0285	50.19	49.67	54.00	4.33	380	168	Horizontal	PK
3	5194.5585	86.85	86.40	54.00	-32.40	380	168	Horizontal	PK

802.11n(40MHz)-5190MHz/ Vertical



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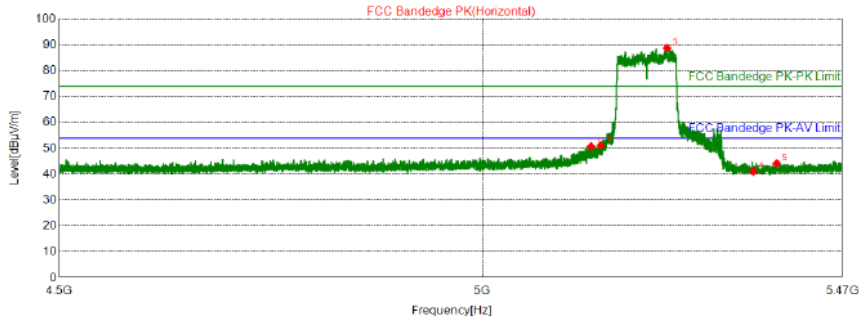
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5138.4580	51.44	50.90	74.00	23.10	380	353	Vertical	PK
2	5150.0285	50.77	50.25	74.00	23.75	380	232	Vertical	PK
3	5173.6075	91.96	91.48	74.00	-17.48	380	353	Vertical	PK

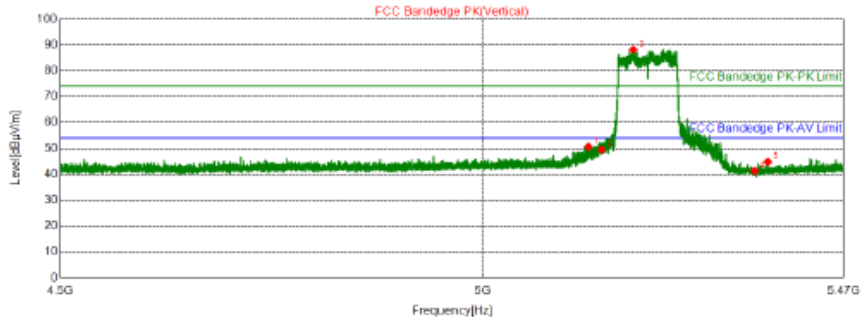
802.11ac(80MHz)-5210MHz/ Horizontal



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5137.5810	51.22	50.68	74.00	23.32	380	175	Horizontal	PK
2	5150.0455	51.57	51.05	74.00	22.95	380	169	Horizontal	PK
3	5235.8905	89.12	88.71	74.00	-14.71	380	154	Horizontal	PK
4	5350.0110	41.55	41.04	74.00	32.96	380	159	Horizontal	PK
5	5381.3905	44.46	44.10	74.00	29.90	380	128	Horizontal	PK

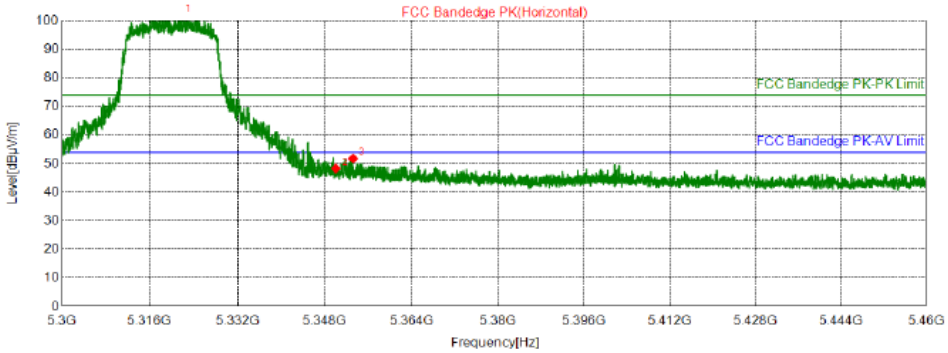
802.11ac(80MHz)-5210MHz/ Vertical



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5132.8765	51.21	50.66	74.00	23.34	380	61	Vertical	PK
2	5150.0455	50.03	49.51	74.00	24.49	380	67	Vertical	PK
3	5190.7370	88.64	88.18	74.00	-14.18	380	67	Vertical	PK
4	5350.0110	41.83	41.32	74.00	32.68	380	165	Vertical	PK
5	5367.7620	45.24	44.82	74.00	29.18	380	175	Vertical	PK

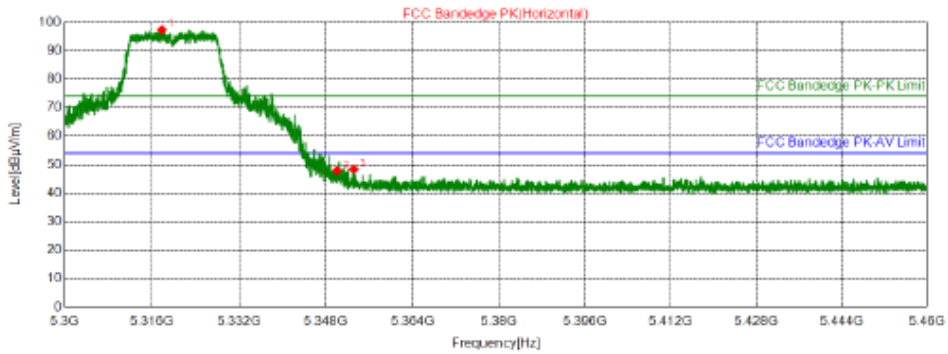
802.11a-5320MHz/ Horizontal



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5321.4880	102.43	101.84	74.00	-27.84	380	150	Horizontal	PK
2	5350.0000	48.81	48.30	74.00	25.70	380	150	Horizontal	PK
3	5353.1760	52.23	51.74	74.00	22.26	380	157	Horizontal	PK

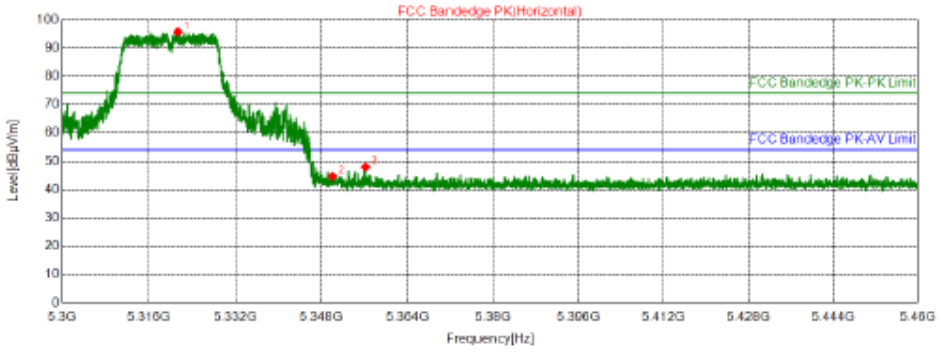
802.11a-5320MHz/ Vertical



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5317.8160	97.86	97.28	74.00	-23.28	380	306	Horizontal	PK
2	5350.0000	48.35	47.84	74.00	26.16	380	171	Horizontal	PK
3	5353.1440	48.84	48.35	74.00	25.65	380	129	Horizontal	PK

802.11n(20MHz)-5320MHz/ Horizontal



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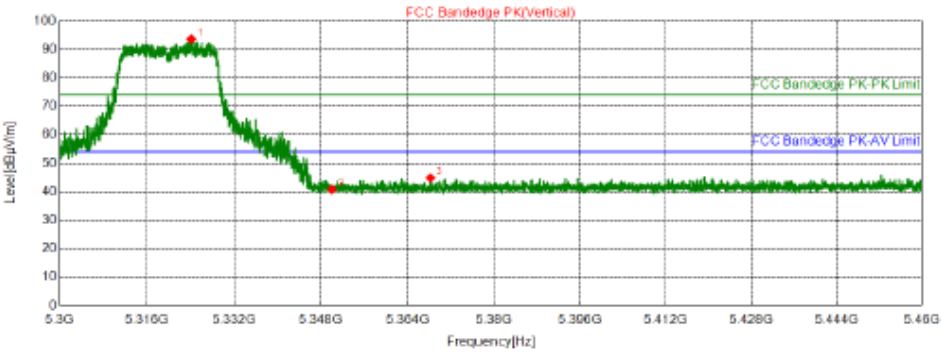
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5321.3200	96.25	95.67	74.00	-21.67	380	154	Horizontal	PK
2	5350.0000	45.19	44.68	74.00	29.32	380	164	Horizontal	PK
3	5356.1600	48.43	47.95	74.00	26.05	380	170	Horizontal	PK

802.11n(20MHz)-5320MHz/ Vertical



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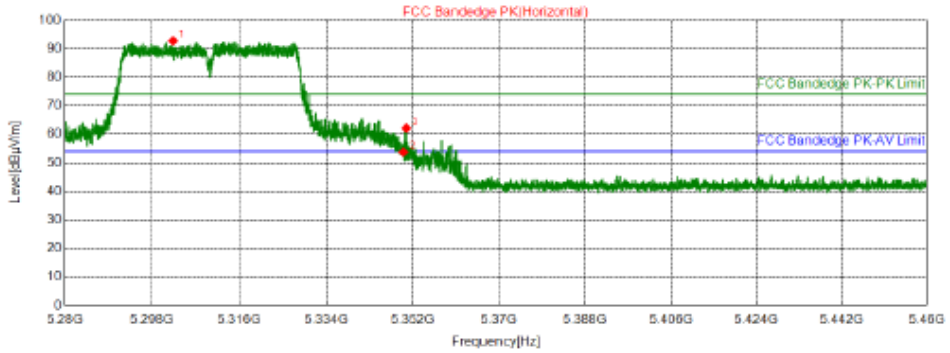
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5324.1440	94.23	93.64	74.00	-19.64	380	207	Vertical	PK
2	5350.0000	41.38	40.87	74.00	33.13	380	118	Vertical	PK
3	5368.2480	45.28	44.86	74.00	29.14	380	160	Vertical	PK

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



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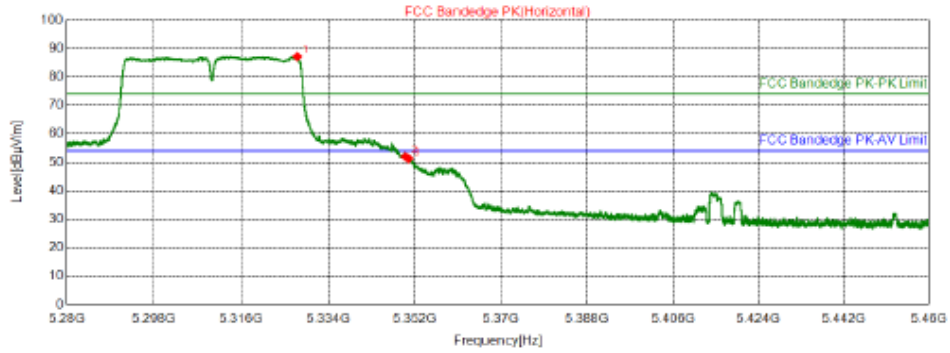
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5302.2660	93.29	92.75	74.00	-18.75	380	169	Horizontal	PK
2	5350.0020	54.29	53.78	74.00	20.22	380	169	Horizontal	PK
3	5350.6050	62.64	62.14	74.00	11.86	380	164	Horizontal	PK

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



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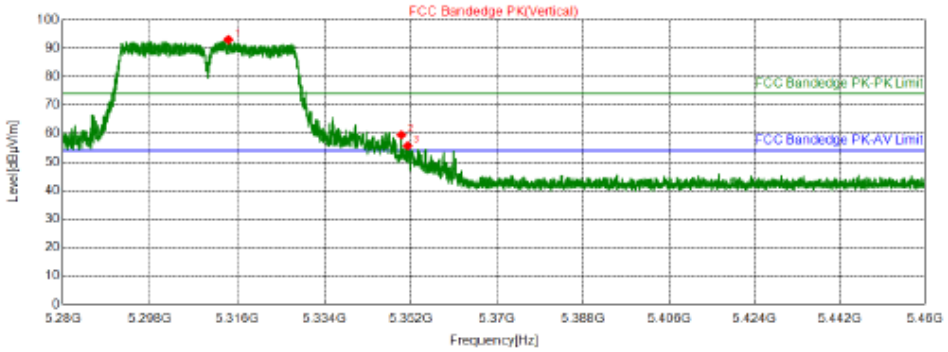
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5327.5380	87.76	87.16	54.00	-33.16	380	155	Horizontal	PK
2	5350.0020	52.55	52.04	54.00	1.96	380	165	Horizontal	PK
3	5350.6590	51.87	51.37	54.00	2.63	380	165	Horizontal	PK

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



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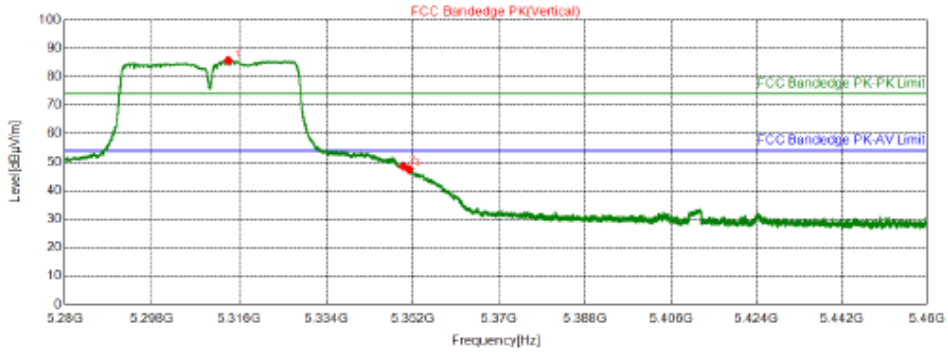
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5314.1460	93.58	93.01	74.00	-19.01	380	204	Vertical	PK
2	5350.0020	60.05	59.54	74.00	14.46	380	355	Vertical	PK
3	5351.2890	56.18	55.68	74.00	18.32	380	355	Vertical	PK

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



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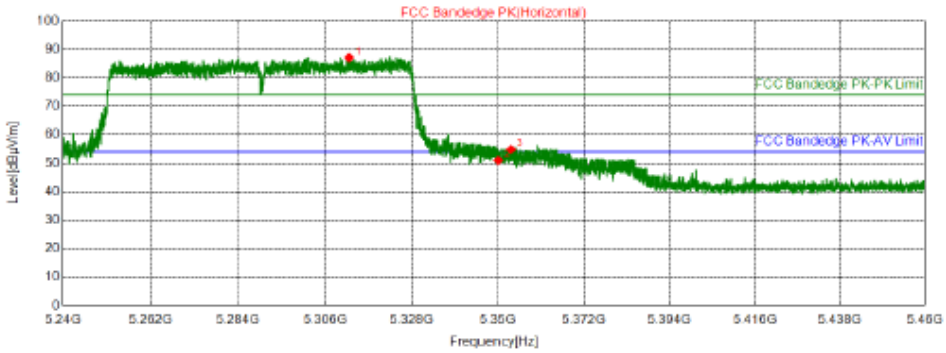
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5313.6780	86.23	85.66	54.00	-31.66	380	205	Vertical	PK
2	5350.0020	49.04	48.53	54.00	5.47	380	355	Vertical	PK
3	5351.1720	48.02	47.52	54.00	6.48	380	350	Vertical	PK

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



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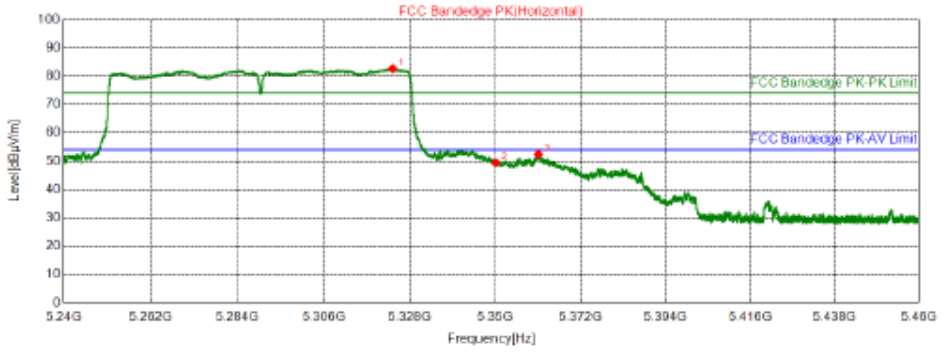
Suspected List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5312.0830	87.67	87.10	74.00	-13.10	380	169	Horizontal	PK
2	5350.0000	51.55	51.04	74.00	22.96	380	169	Horizontal	PK
3	5353.2890	55.35	54.86	74.00	19.14	380	176	Horizontal	PK

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



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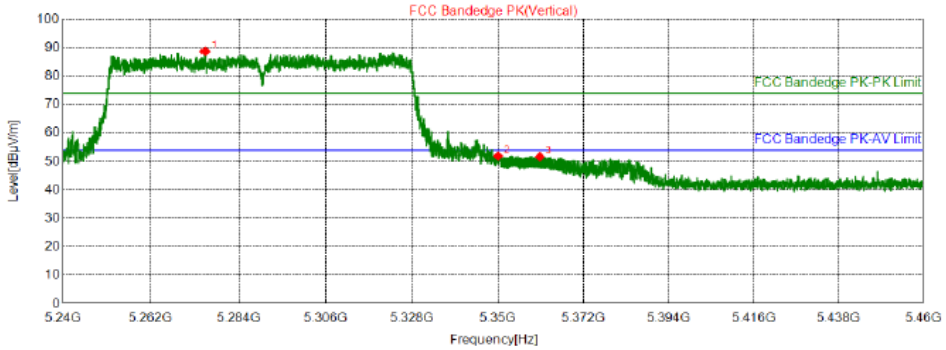
Suspected List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5323.6000	83.26	82.67	54.00	-28.67	380	156	Horizontal	PK
2	5350.0000	49.91	49.40	54.00	4.60	380	177	Horizontal	PK
3	5361.0660	52.83	52.38	54.00	1.62	380	156	Horizontal	PK

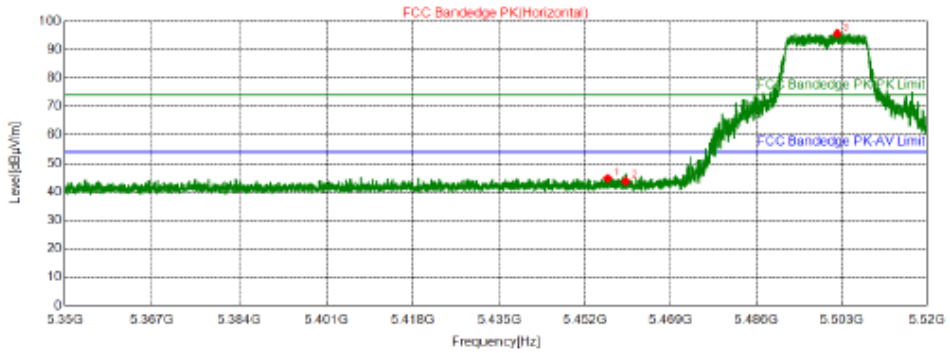
802.11ac(80MHz)-5290MHz/ Vertical



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5275.5630	89.15	88.66	74.00	-14.66	380	46	Vertical	PK
2	5350.0000	52.40	51.89	74.00	22.11	380	39	Vertical	PK
3	5360.7140	52.09	51.63	74.00	22.37	380	204	Vertical	PK

802.11a-5500MHz/ Horizontal



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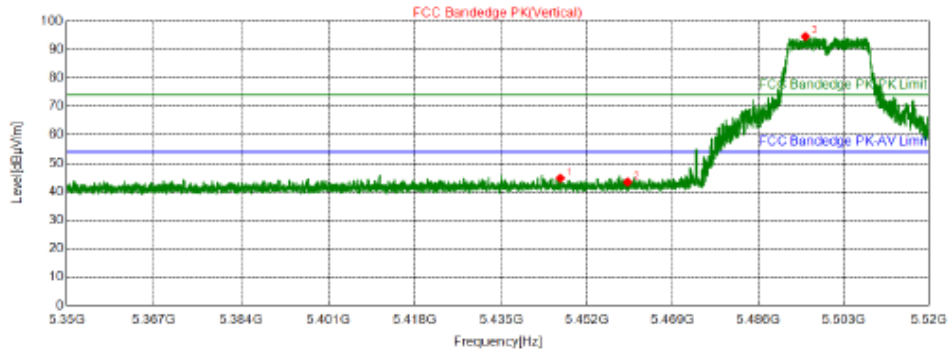
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5456.4455	44.97	44.75	74.00	29.25	380	117	Horizontal	PK
2	5460.0070	43.96	43.73	74.00	30.27	380	175	Horizontal	PK
3	5502.0735	96.00	95.62	74.00	-21.62	380	175	Horizontal	PK

802.11a-5500MHz/ Vertical



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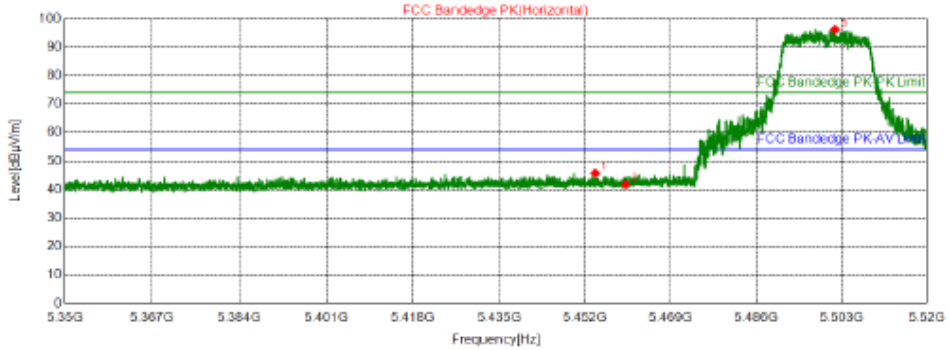
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5446.7130	44.96	44.78	74.00	29.22	380	120	Vertical	PK
2	5460.0070	43.66	43.43	74.00	30.57	380	312	Vertical	PK
3	5495.3245	94.93	94.57	74.00	-20.57	380	182	Vertical	PK

802.11n(20MHz)-5500MHz/ Horizontal



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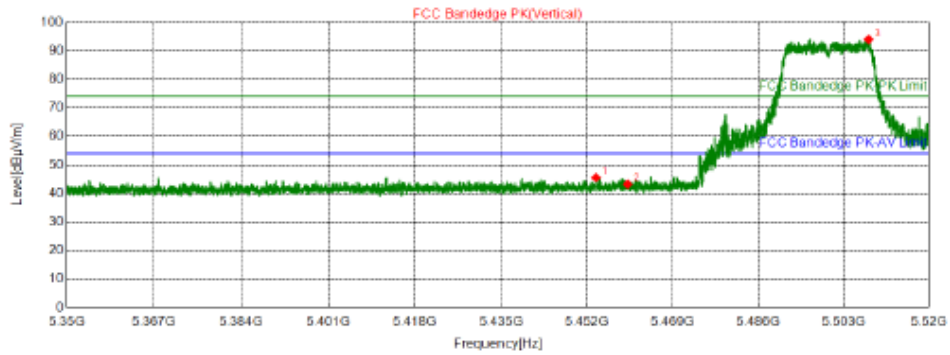
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5453.9720	45.94	45.73	74.00	28.27	380	190	Horizontal	PK
2	5460.0070	42.03	41.80	74.00	32.20	380	360	Horizontal	PK
3	5501.6145	96.56	96.18	74.00	-22.18	380	180	Horizontal	PK

802.11n(20MHz)-5500MHz/ Vertical



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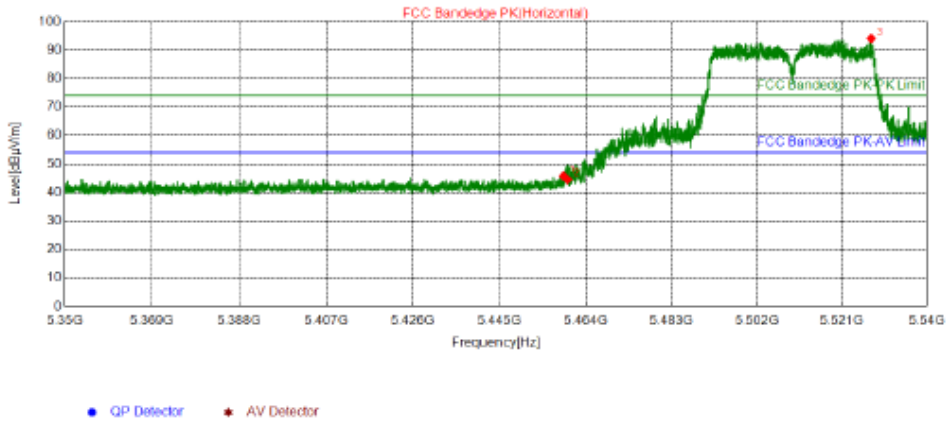
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5453.7595	45.77	45.56	74.00	28.44	380	351	Vertical	PK
2	5460.0070	43.49	43.26	74.00	30.74	380	268	Vertical	PK
3	5507.9640	94.40	94.00	74.00	-20.00	380	175	Vertical	PK

802.11n (40MHz)-5510MHz/ Horizontal



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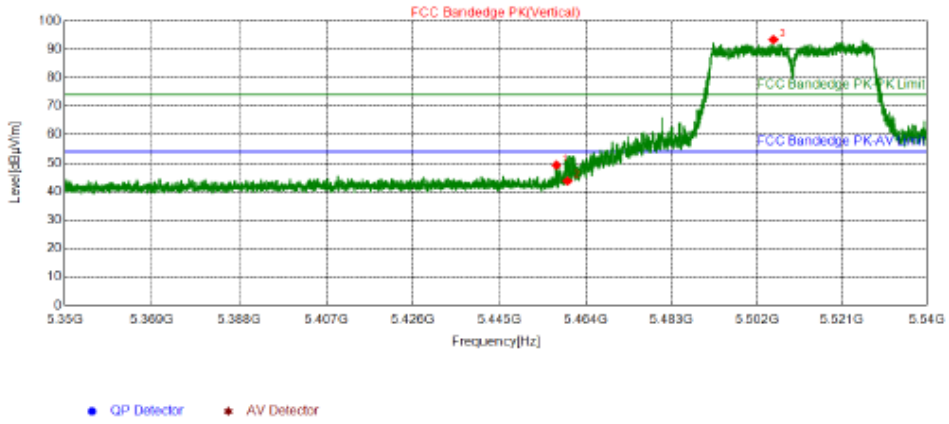
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5459.1550	45.98	45.75	74.00	28.25	380	160	Horizontal	PK
2	5460.0005	44.82	44.59	74.00	29.41	380	165	Horizontal	PK
3	5527.5360	94.56	94.09	74.00	-20.09	380	175	Horizontal	PK

802.11n (40MHz)-5510MHz/ Vertical



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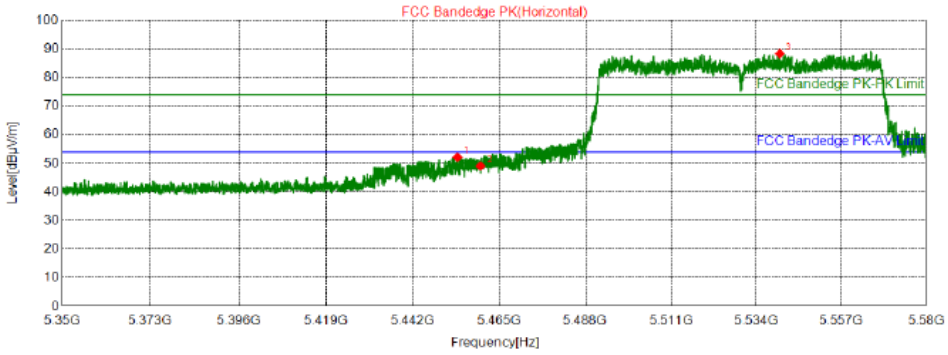
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5457.5305	49.49	49.27	74.00	24.73	380	35	Vertical	PK
2	5460.0005	43.95	43.72	74.00	30.28	380	339	Vertical	PK
3	5505.6955	93.81	93.41	74.00	-19.41	380	179	Vertical	PK

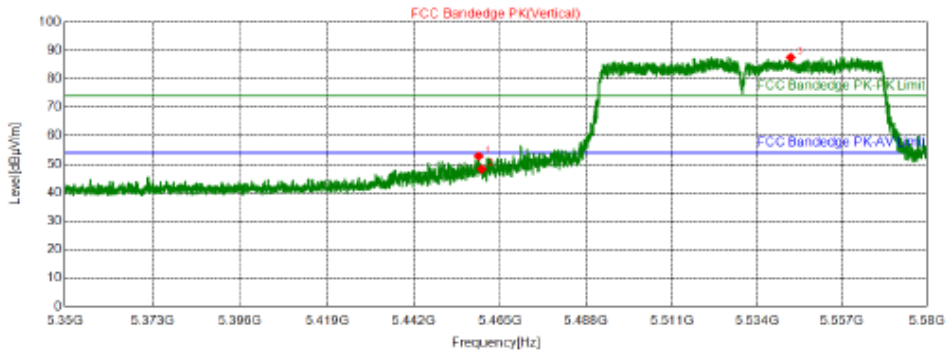
802.11ac (80MHz)-5530MHz/ Horizontal



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5453.8565	52.32	52.11	74.00	21.89	380	180	Horizontal	PK
2	5460.0090	49.25	49.02	74.00	24.98	380	160	Horizontal	PK
3	5540.3020	88.82	88.32	74.00	-14.32	380	180	Horizontal	PK

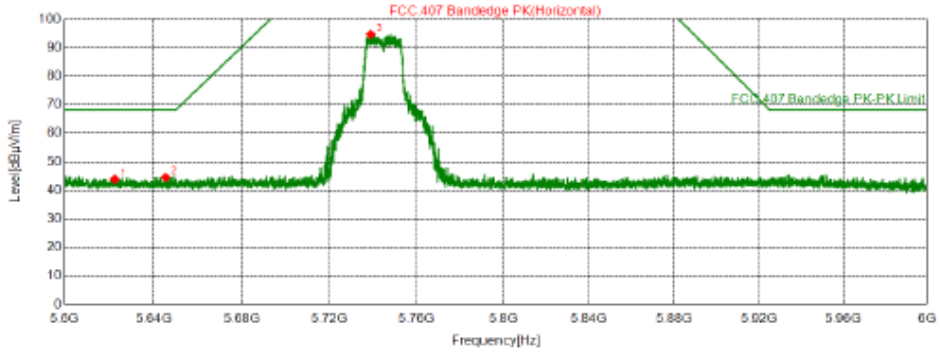
802.11ac (80MHz)-5530MHz/ Vertical



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5459.2270	53.06	52.83	74.00	21.17	380	5	Vertical	PK
2	5460.0090	48.55	48.32	74.00	25.68	380	12	Vertical	PK
3	5543.0850	88.04	87.53	74.00	-13.53	380	33	Vertical	PK

802.11a_5745MHz/ Horizontal



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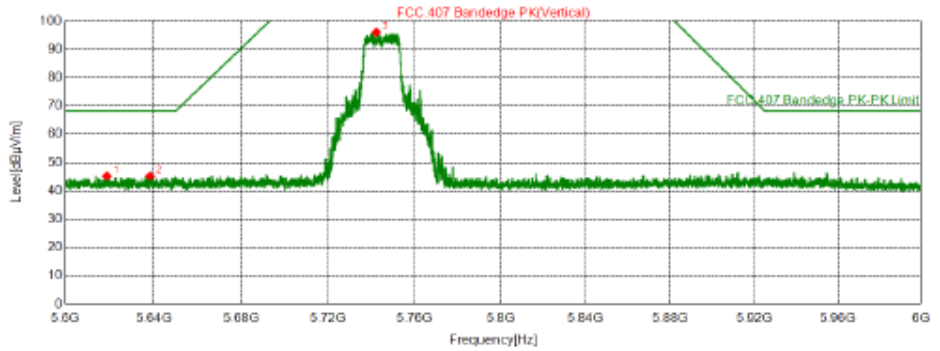
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5622.5400	44.59	43.91	68.20	24.29	380	342	Horizontal	PK
2	5645.3800	45.16	44.55	68.20	23.65	380	181	Horizontal	PK
3	5738.8400	94.87	94.69	122.20	27.51	380	145	Horizontal	PK

802.11a_5745MHz/ Vertical



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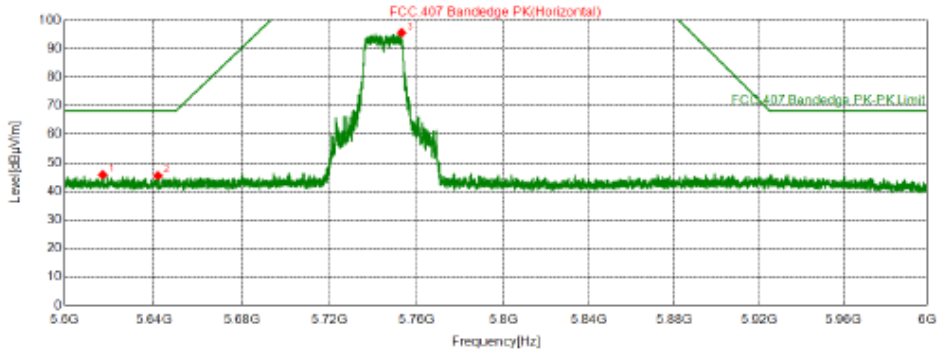
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5618.8400	45.89	45.22	68.20	22.98	380	195	Vertical	PK
2	5638.4000	45.89	45.24	68.20	22.96	380	237	Vertical	PK
3	5742.1600	96.20	96.00	122.20	26.20	380	39	Vertical	PK

802.11n(20MHz)-5745MHz/ Horizontal



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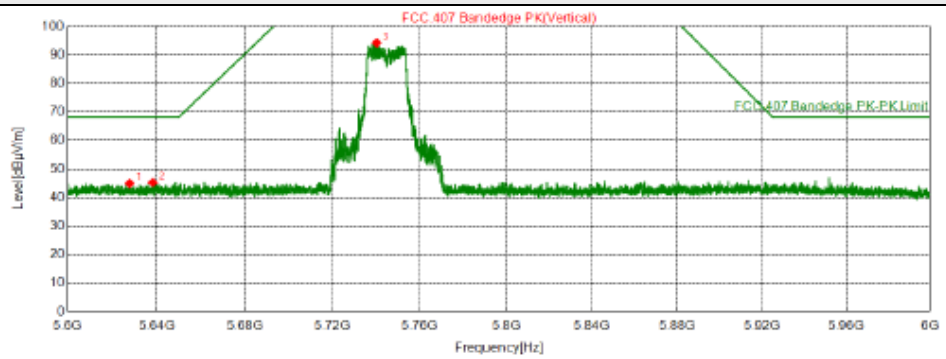
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5617.1000	46.48	45.81	68.20	22.39	380	148	Horizontal	PK
2	5641.9200	46.12	45.49	68.20	22.71	380	96	Horizontal	PK
3	5753.0400	95.88	95.60	122.20	26.60	380	179	Horizontal	PK

802.11n(20MHz)-5745MHz/ Vertical



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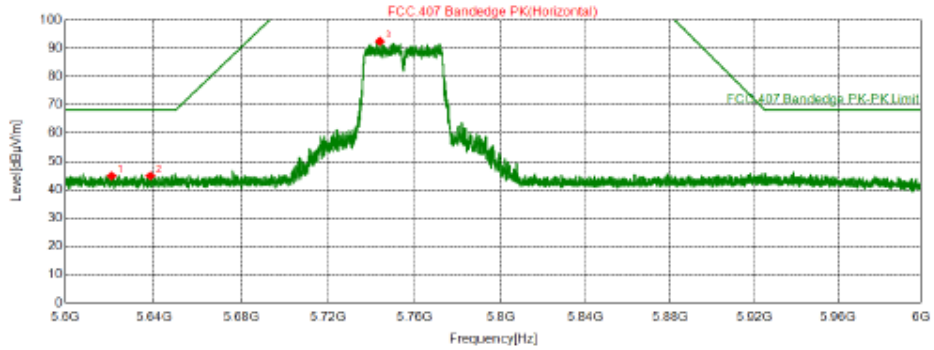
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5627.8200	45.61	44.92	68.20	23.28	380	326	Vertical	PK
2	5638.3000	45.91	45.26	68.20	22.94	380	332	Vertical	PK
3	5740.2000	94.44	94.25	122.20	27.95	380	227	Vertical	PK

802.11n(40MHz)-5755MHz/ Horizontal



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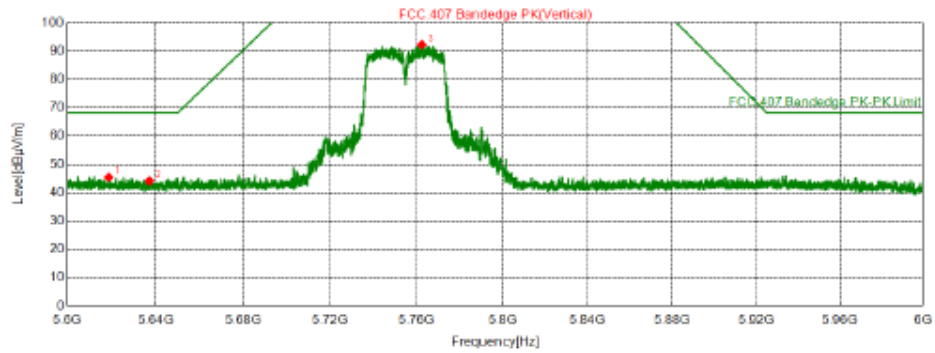
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5620.8400	45.54	44.87	68.20	23.33	380	132	Horizontal	PK
2	5638.4800	45.54	44.90	68.20	23.30	380	163	Horizontal	PK
3	5743.8600	92.64	92.42	122.20	29.78	380	184	Horizontal	PK

802.11n (40MHz)-5755MHz/ Vertical



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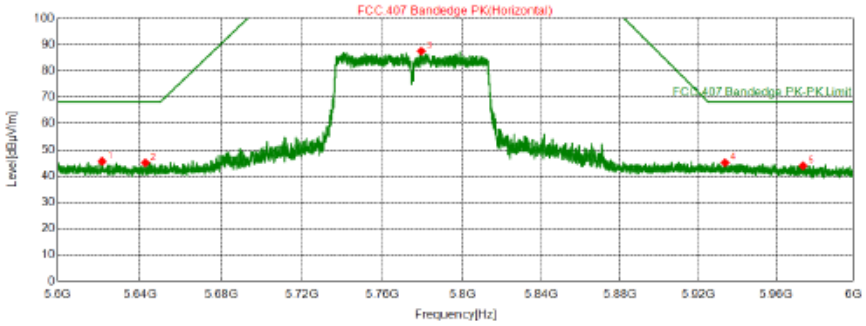
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5618.7600	46.08	45.41	68.20	22.79	380	77	Vertical	PK
2	5637.1600	44.82	44.17	68.20	24.03	380	5	Vertical	PK
3	5762.5000	92.62	92.28	122.20	29.92	380	72	Vertical	PK

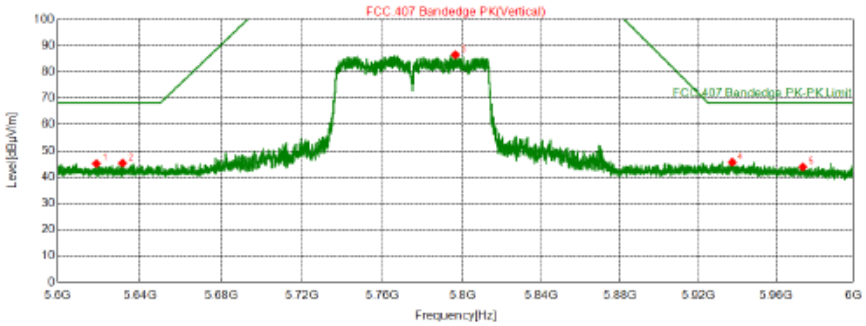
802.11ac(80MHz)-5775MHz/ Horizontal



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5621.5400	46.27	45.59	68.20	22.61	380	255	Horizontal	PK
2	5642.7600	45.68	45.06	68.20	23.14	380	269	Horizontal	PK
3	5779.4000	88.00	87.55	122.20	34.65	380	188	Horizontal	PK
4	5933.7200	45.33	45.10	68.20	23.10	380	255	Horizontal	PK
5	5974.0000	44.80	43.91	68.20	24.29	380	356	Horizontal	PK

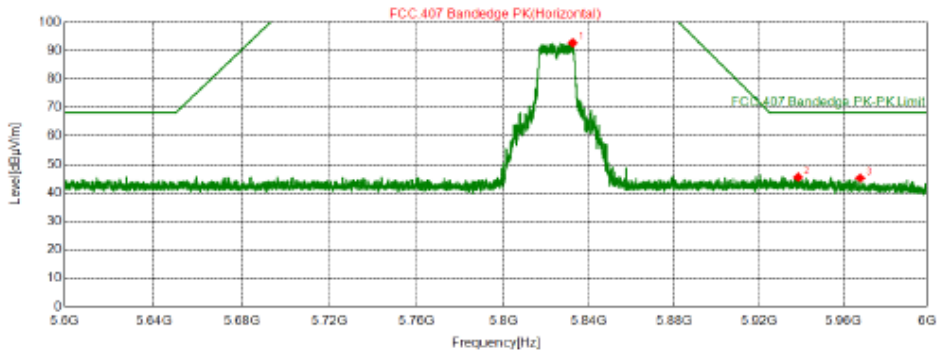
802.11ac(80MHz)-5775MHz/ Vertical



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5618.8600	45.80	45.13	68.20	23.07	380	63	Vertical	PK
2	5631.5600	45.99	45.31	68.20	22.89	380	111	Vertical	PK
3	5796.5200	87.10	86.53	122.20	35.67	380	43	Vertical	PK
4	5937.4000	45.91	45.62	68.20	22.58	380	315	Vertical	PK
5	5973.9200	44.75	43.86	68.20	24.34	380	29	Vertical	PK

802.11a_5825MHz/ Horizontal



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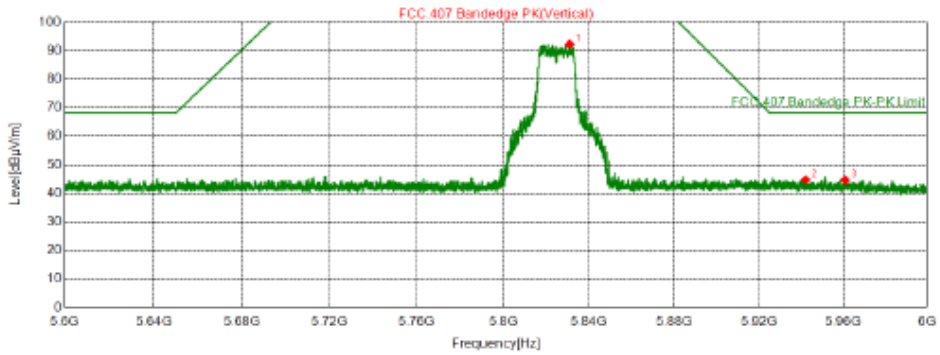
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5832.3200	93.47	92.69	122.20	29.51	380	139	Horizontal	PK
2	5938.5200	45.78	45.47	68.20	22.73	380	294	Horizontal	PK
3	5968.1000	46.01	45.21	68.20	22.99	380	211	Horizontal	PK

802.11a_5825MHz/ Vertical



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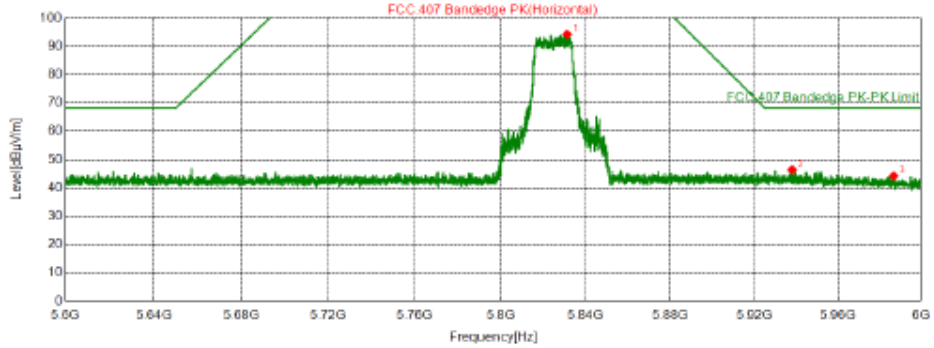
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5830.8200	93.05	92.26	122.20	29.94	380	351	Vertical	PK
2	5942.0800	45.15	44.78	68.20	23.42	380	304	Vertical	PK
3	5960.9200	45.32	44.64	68.20	23.56	380	19	Vertical	PK

802.11n(20MHz)-5825MHz/ Horizontal



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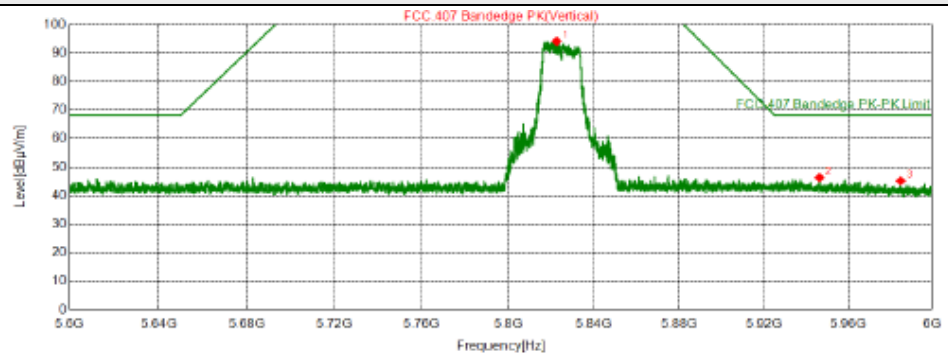
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5831.1400	95.05	94.26	122.20	27.94	380	186	Horizontal	PK
2	5938.0400	46.67	46.37	68.20	21.83	380	160	Horizontal	PK
3	5986.8800	45.30	44.19	68.20	24.01	380	217	Horizontal	PK

802.11n(20MHz)-5825MHz/ Vertical



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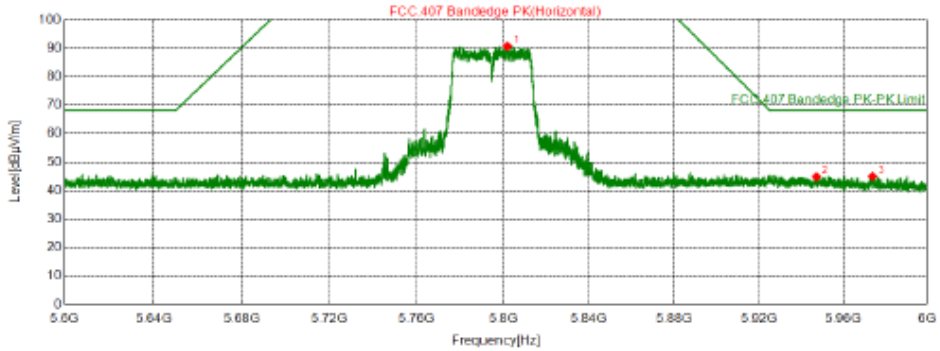
Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5822.5400	94.88	94.14	122.20	28.06	380	45	Vertical	PK
2	5946.3000	46.75	46.31	68.20	21.89	380	149	Vertical	PK
3	5985.0600	46.27	45.19	68.20	23.01	380	268	Vertical	PK

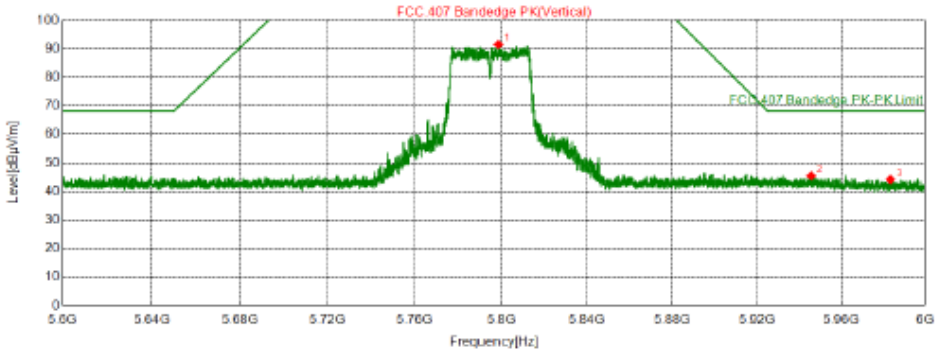
802.11n(40MHz)-5795MHz/ Horizontal



Suspected List

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Detector
1	5801.9400	91.31	90.71	122.20	31.49	380	180	Horizontal	PK
2	5947.2800	45.32	44.86	68.20	23.34	380	5	Horizontal	PK
3	5974.0200	45.89	45.00	68.20	23.20	380	10	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	92.12	91.54	122.20	30.66	380	50	Vertical	PK
2	5945.6800	45.90	45.47	68.20	22.73	380	40	Vertical	PK
3	5983.4600	45.24	44.19	68.20	24.01	380	329	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:

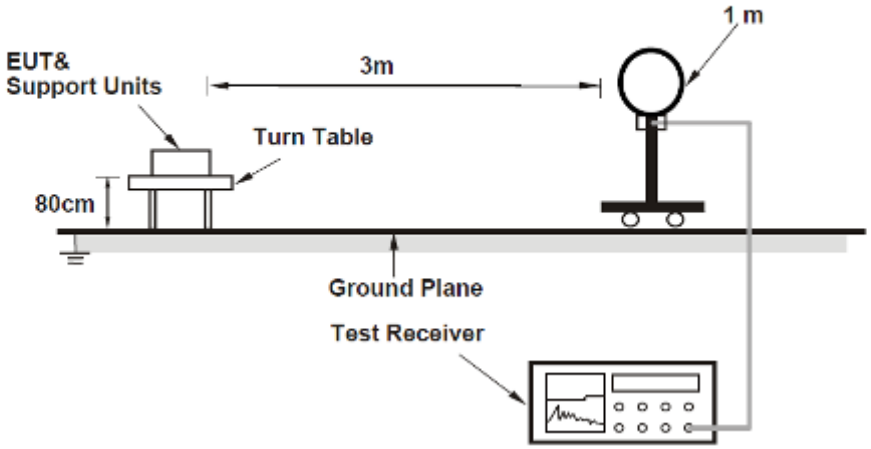
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz & 360 kHz for Quasi-peak detection (QP) at frequency below 1 GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency 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

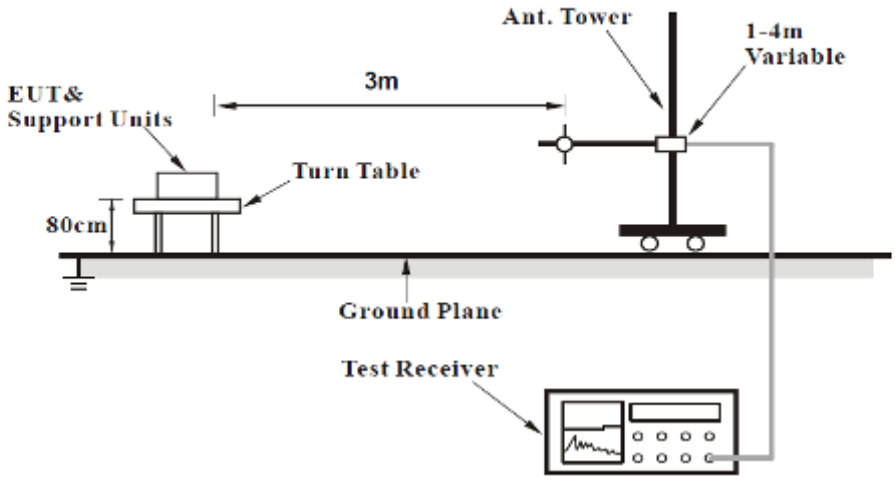
No deviation.

4.7.4 Test Setup

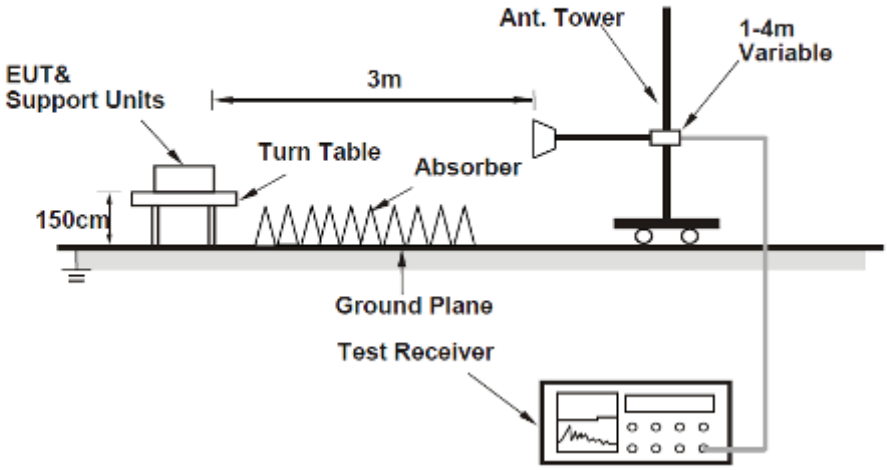
For Radiated emission below 30MHz



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.

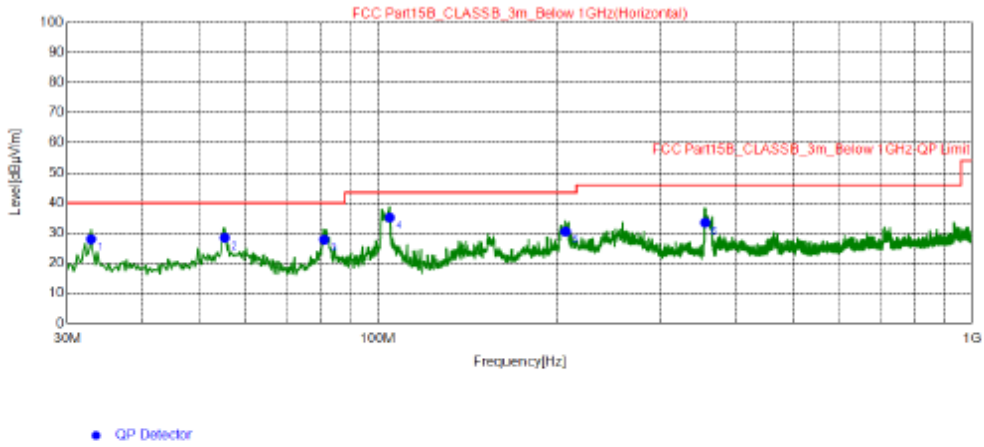
4.7.6 Test Results

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	802.11b-2412MHz	**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	32.91	39.32	-11.31	28.01	40.00	11.99	200	304	Horizontal
2	55.22	38.49	-10.00	28.49	40.00	11.51	100	223	Horizontal
3	81.21	42.4	-14.51	27.89	40.00	12.11	200	205	Horizontal
4	104.6	49.57	-14.39	35.18	43.50	8.32	200	83	Horizontal
5	207.1	42.5	-11.99	30.51	43.50	12.99	100	96	Horizontal
6	355.7	40.79	-7.30	33.49	46.00	12.51	200	164	Horizontal

REMARKS:

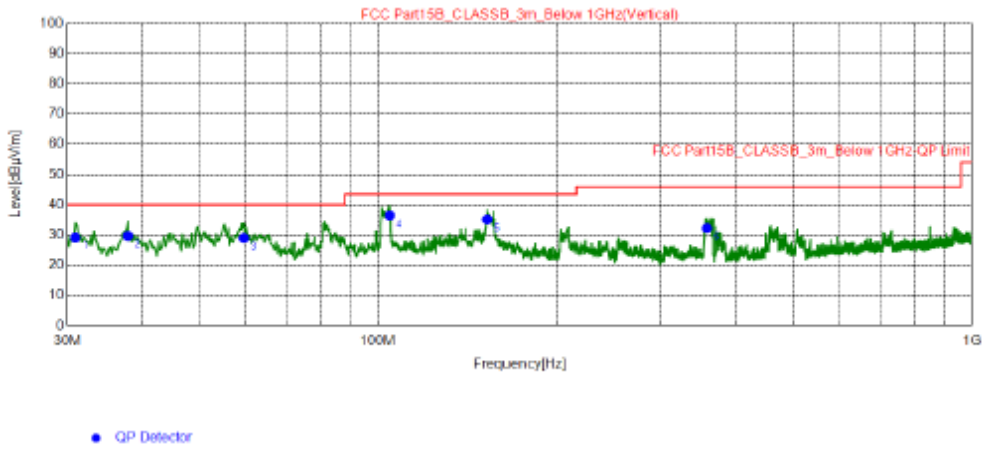
1. Emission Level(dBuV/m) = Spectrum reading (dBuV) + Correction Factor(dB/m)

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	802.11b-2412MHz	**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	30.97	40.64	-11.55	29.09	40.00	10.91	100	146	Vertical
2	37.95	40.36	-10.69	29.67	40.00	10.33	200	277	Vertical
3	59.48	39.2	-10.25	28.95	40.00	11.05	100	321	Vertical
4	104.6	50.85	-14.39	36.46	43.50	7.04	100	25	Vertical
5	152.8	45.12	-9.96	35.16	43.50	8.34	100	136	Vertical
6	358.2	39.48	-7.25	32.23	46.00	13.77	100	231	Vertical

REMARKS:

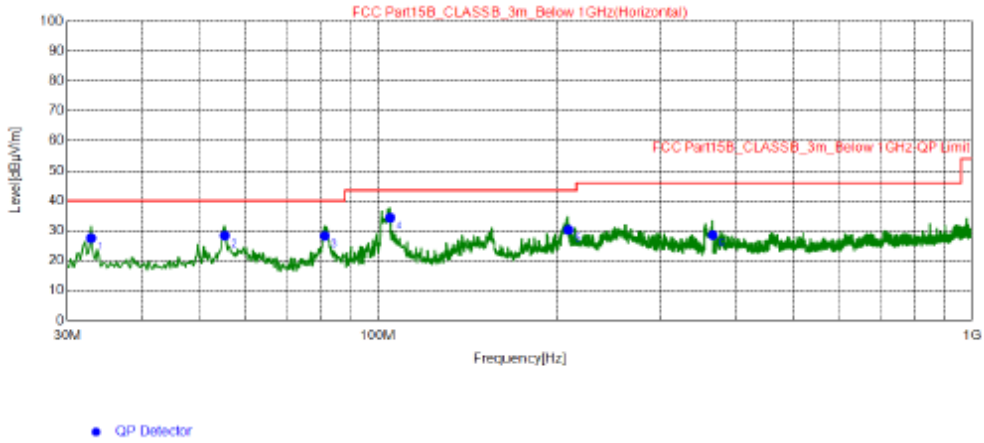
1. Emission Level(dBuV/m) = Original Spectrum reading (dBuV) + Correction Factor(dB/m)

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	802.11b-2412MHz	**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	32.91	38.87	-11.31	27.56	40.00	12.44	200	282	Horizontal
2	55.22	38.4	-10.00	28.40	40.00	11.60	100	254	Horizontal
3	81.41	42.86	-14.54	28.32	40.00	11.68	200	210	Horizontal
4	104.8	48.76	-14.37	34.39	43.50	9.11	200	106	Horizontal
5	209.2	42.24	-11.95	30.29	43.50	13.21	100	101	Horizontal
6	366.2	35.57	-7.02	28.55	46.00	17.45	100	204	Horizontal

REMARKS:

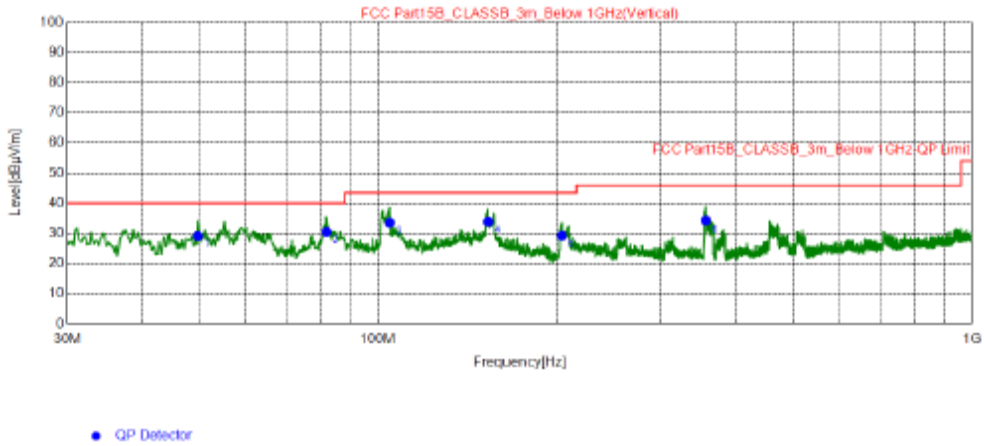
1. Emission Level(dBuV/m) = Spectrum reading (dBuV) + Correction Factor(dB/m)

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	802.11b-2412MHz	**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	49.78	38.82	-9.72	29.10	40.00	10.90	100	306	Vertical
2	81.99	45.12	-14.64	30.48	40.00	9.52	100	170	Vertical
3	104.6	47.94	-14.39	33.55	43.50	9.95	100	125	Vertical
4	153.3	43.82	-9.94	33.88	43.50	9.62	100	102	Vertical
5	204.2	41.27	-12.05	29.22	43.50	14.28	100	198	Vertical
6	356.6	41.58	-7.28	34.30	46.00	11.70	100	198	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	34.43	74.00	39.57	1.94	H	PK
2	15540.1000	28.50	54.00	25.50	1.94	H	AV
3	15540.1000	34.57	74.00	39.43	1.94	V	PK
4	15540.1000	28.95	54.00	25.05	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	34.03	74.00	39.97	1.78	H	PK
2	15601.3000	29.56	54.00	24.44	1.78	H	AV
3	15601.3000	35.32	74.00	38.68	1.78	V	PK
4	15601.3000	29.35	54.00	24.65	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	33.81	74.00	40.19	1.42	H	PK
2	15720.3000	29.16	54.00	24.84	1.42	H	AV
3	15720.3000	33.43	74.00	40.57	1.42	V	PK
4	15720.3000	28.33	54.00	25.67	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	32.30	74.00	41.70	1.23	H	PK
2	15781.5000	28.73	54.00	25.27	1.23	H	AV
3	15781.5000	33.22	74.00	40.78	1.23	V	PK
4	15781.5000	27.96	54.00	26.04	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	33.06	74.00	40.94	1.08	H	PK
2	15841.0000	27.59	54.00	26.41	1.08	H	AV
3	15841.0000	33.73	74.00	40.27	1.08	V	PK
4	15841.0000	27.14	54.00	26.86	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	34.00	74.00	40.00	0.81	H	PK
2	15960.0000	26.86	54.00	27.14	0.81	H	AV
3	15960.0000	33.70	74.00	40.30	0.81	V	PK
4	15960.0000	27.46	54.00	26.54	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	35.44	74.00	38.56	2.87	H	PK
2	16500.6000	28.52	54.00	25.48	2.87	H	AV
3	16500.6000	34.54	74.00	39.46	2.87	V	PK
4	16500.6000	28.28	54.00	25.72	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	34.35	74.00	39.65	4.20	H	PK
2	16801.5000	31.30	54.00	22.70	4.20	H	AV
3	16801.5000	34.84	74.00	39.16	4.20	V	PK
4	16801.5000	30.55	54.00	23.45	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	36.10	74.00	37.90	5.96	H	PK
2	17100.7000	31.97	54.00	22.03	5.96	H	AV
3	17100.7000	37.49	74.00	36.51	5.96	V	PK
4	17100.7000	33.75	54.00	20.25	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	38.44	74.00	35.56	7.22	H	PK
2	17235.0000	34.55	54.00	19.45	7.22	H	AV
3	17235.0000	38.32	74.00	35.68	7.22	V	PK
4	17235.0000	32.24	54.00	21.76	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	40.81	74.00	33.19	8.37	H	PK
2	17355.7000	34.45	54.00	19.55	8.37	H	AV
3	17355.7000	41.28	74.00	32.72	8.37	V	PK
4	17355.7000	34.63	54.00	19.37	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	36.21	74.00	37.79	9.43	H	PK
2	17476.4000	32.15	54.00	21.85	9.43	H	AV
3	17476.4000	40.58	74.00	33.42	9.43	V	PK
4	17476.4000	37.52	54.00	16.48	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	34.45	74.00	39.55	1.94	H	PK
2	15540.1000	29.19	54.00	24.81	1.94	H	AV
3	15540.1000	36.21	74.00	37.79	1.94	V	PK
4	15540.1000	32.15	54.00	21.85	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	36.75	74.00	37.25	1.78	H	PK
2	15601.3000	29.00	54.00	25.00	1.78	H	AV
3	15601.3000	35.59	74.00	38.41	1.78	V	PK
4	15601.3000	30.43	54.00	23.57	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	34.33	74.00	39.67	1.42	H	PK
2	15720.3000	28.46	54.00	25.54	1.42	H	AV
3	15720.3000	34.15	74.00	39.85	1.42	V	PK
4	15720.3000	27.79	54.00	26.21	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	35.26	74.00	38.74	1.23	H	PK
2	15781.5000	29.99	54.00	24.01	1.23	H	AV
3	15781.5000	34.27	74.00	39.73	1.23	V	PK
4	15781.5000	29.19	54.00	24.81	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	32.80	74.00	41.20	1.08	H	PK
2	15841.0000	28.48	54.00	25.52	1.08	H	AV
3	15841.0000	32.81	74.00	41.19	1.08	V	PK
4	15841.0000	27.89	54.00	26.11	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	32.67	74.00	41.33	0.81	H	PK
2	15960.0000	28.74	54.00	25.26	0.81	H	AV
3	15960.0000	32.51	74.00	41.49	0.81	V	PK
4	15960.0000	28.16	54.00	25.84	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	35.23	74.00	38.77	2.87	H	PK
2	16500.6000	28.93	54.00	25.07	2.87	H	AV
3	16500.6000	34.24	74.00	39.76	2.87	V	PK
4	16500.6000	28.60	54.00	25.40	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	34.86	74.00	39.14	4.20	H	PK
2	16801.5000	30.04	54.00	23.96	4.20	H	AV
3	16801.5000	35.78	74.00	38.22	4.20	V	PK
4	16801.5000	29.07	54.00	24.93	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	39.12	74.00	34.88	5.96	H	PK
2	17100.7000	33.54	54.00	20.46	5.96	H	AV
3	17100.7000	37.47	74.00	36.53	5.96	V	PK
4	17100.7000	32.12	54.00	21.88	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	38.85	74.00	35.15	7.22	H	PK
2	17235.0000	34.72	54.00	19.28	7.22	H	AV
3	17235.0000	38.65	74.00	35.35	7.22	V	PK
4	17235.0000	33.56	54.00	20.44	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	40.59	74.00	33.41	8.37	H	PK
2	17355.7000	35.91	54.00	18.09	8.37	H	AV
3	17355.7000	41.55	74.00	32.45	8.37	V	PK
4	17355.7000	34.60	54.00	19.40	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	41.20	74.00	32.80	9.43	H	PK
2	17476.4000	37.99	54.00	16.01	9.43	H	AV
3	17476.4000	41.18	74.00	32.82	9.43	V	PK
4	17476.4000	35.64	54.00	18.36	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	36.33	74.00	37.67	1.86	H	PK
2	15570.7000	30.23	54.00	23.77	1.86	H	AV
3	15570.7000	34.07	74.00	39.93	1.86	V	PK
4	15570.7000	29.40	54.00	24.60	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	36.14	74.00	37.86	1.51	H	PK
2	15691.4000	29.46	54.00	24.54	1.51	H	AV
3	15691.4000	33.59	74.00	40.41	1.51	V	PK
4	15691.4000	28.44	54.00	25.56	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	33.80	74.00	40.20	1.15	H	PK
2	15810.4000	28.89	54.00	25.11	1.15	H	AV
3	15810.4000	36.18	74.00	37.82	1.15	V	PK
4	15810.4000	30.04	54.00	23.96	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	32.70	74.00	41.30	0.88	H	PK
2	15931.1000	28.49	54.00	25.51	0.88	H	AV
3	15931.1000	33.12	74.00	40.88	0.88	V	PK
4	15931.1000	28.39	54.00	25.61	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	35.04	74.00	38.96	2.98	H	PK
2	16531.2000	30.23	54.00	23.77	2.98	H	AV
3	16531.2000	32.81	74.00	41.19	2.98	V	PK
4	16531.2000	28.91	54.00	25.09	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	35.92	74.00	38.08	4.05	H	PK
2	16770.9000	30.17	54.00	23.83	4.05	H	AV
3	16770.9000	34.93	74.00	39.07	4.05	V	PK
4	16770.9000	30.01	54.00	23.99	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	36.48	74.00	37.52	5.12	H	PK
2	17010.6000	30.33	54.00	23.67	5.12	H	AV
3	17010.6000	36.77	74.00	37.23	5.12	V	PK
4	17010.6000	30.81	54.00	23.19	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	39.34	74.00	34.66	7.51	H	PK
2	17265.6000	34.81	54.00	19.19	7.51	H	AV
3	17265.6000	40.99	74.00	33.01	7.51	V	PK
4	17265.6000	33.64	54.00	20.36	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	40.70	74.00	33.30	8.66	H	PK
2	17386.3000	35.98	54.00	18.02	8.66	H	AV
3	17386.3000	40.57	74.00	33.43	8.66	V	PK
4	17386.3000	35.94	54.00	18.06	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	33.88	74.00	40.12	1.69	H	PK
2	15630.2000	30.10	54.00	23.90	1.69	H	AV
3	15630.2000	34.52	74.00	39.48	1.69	V	PK
4	15630.2000	30.89	54.00	23.11	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	33.22	74.00	40.78	1.01	H	PK
2	15871.6000	27.84	54.00	26.16	1.01	H	AV
3	15871.6000	33.51	74.00	40.49	1.01	V	PK
4	15871.6000	29.73	54.00	24.27	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	34.97	74.00	39.03	3.21	H	PK
2	16590.7000	28.71	54.00	25.29	3.21	H	AV
3	16590.7000	35.43	74.00	38.57	3.21	V	PK
4	16590.7000	29.17	54.00	24.83	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	35.68	74.00	38.32	4.32	H	PK
2	16830.4000	30.89	54.00	23.11	4.32	H	AV
3	16830.4000	36.10	74.00	37.90	4.32	V	PK
4	16830.4000	31.86	54.00	22.14	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	41.39	74.00	32.61	8.08	H	PK
2	17325.1000	34.54	54.00	19.46	8.08	H	AV
3	17325.1000	39.66	74.00	34.34	8.08	V	PK
4	17325.1000	35.23	54.00	18.77	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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