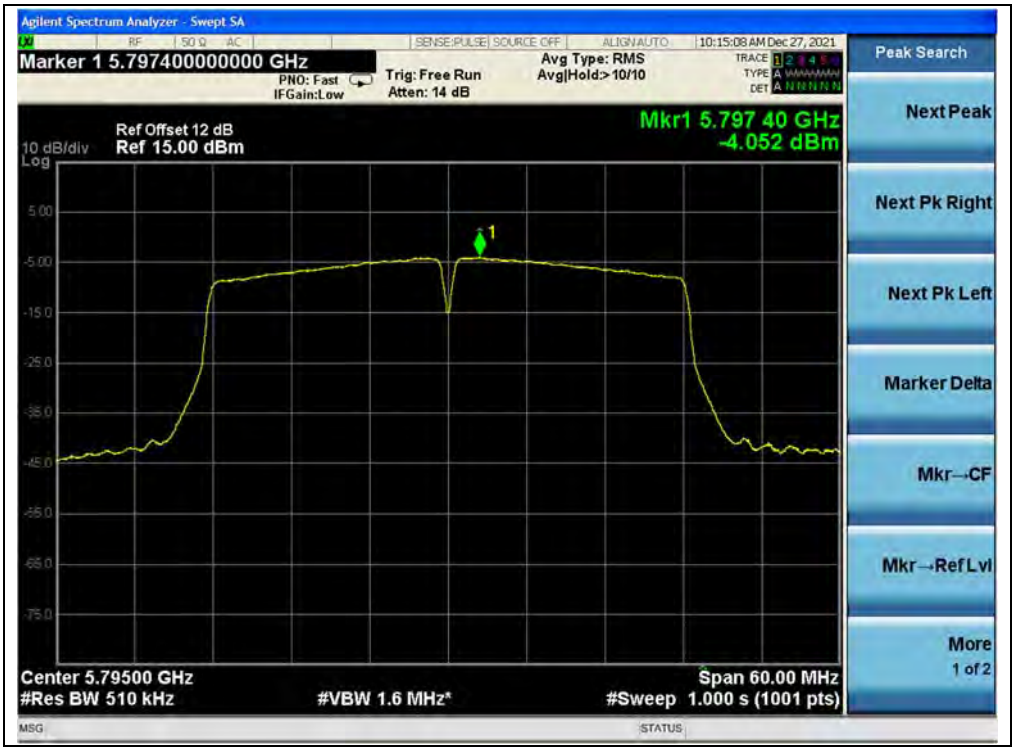


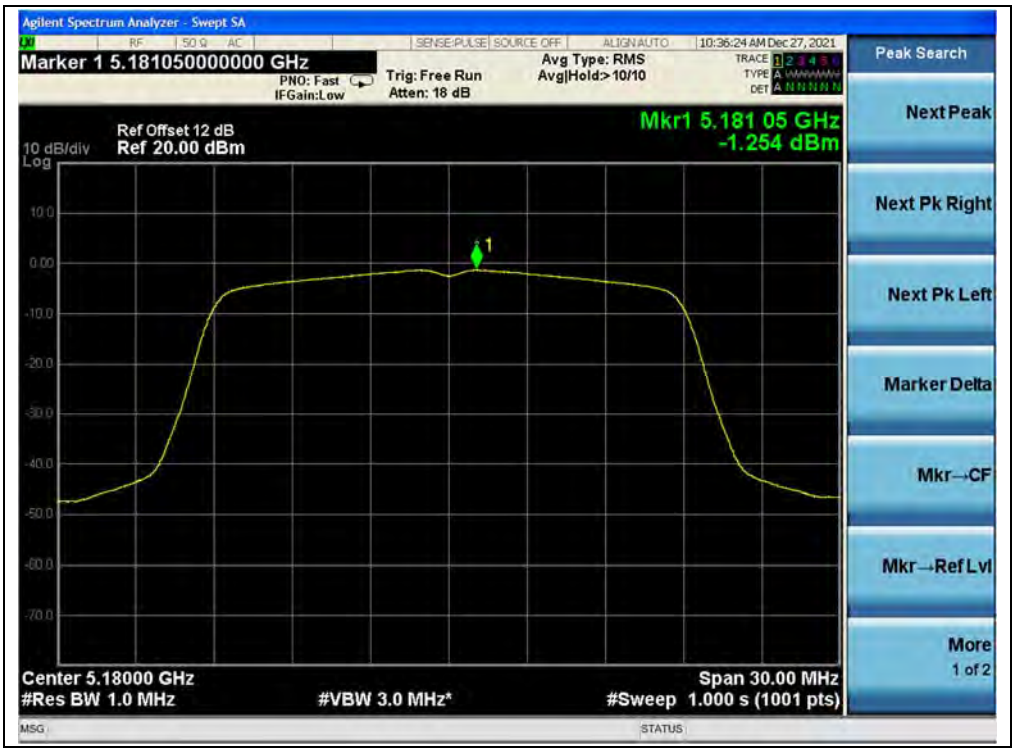
(Channel 159, 5795MHz, 802.11n (HT40))

802.11ac (VHT20) Mode

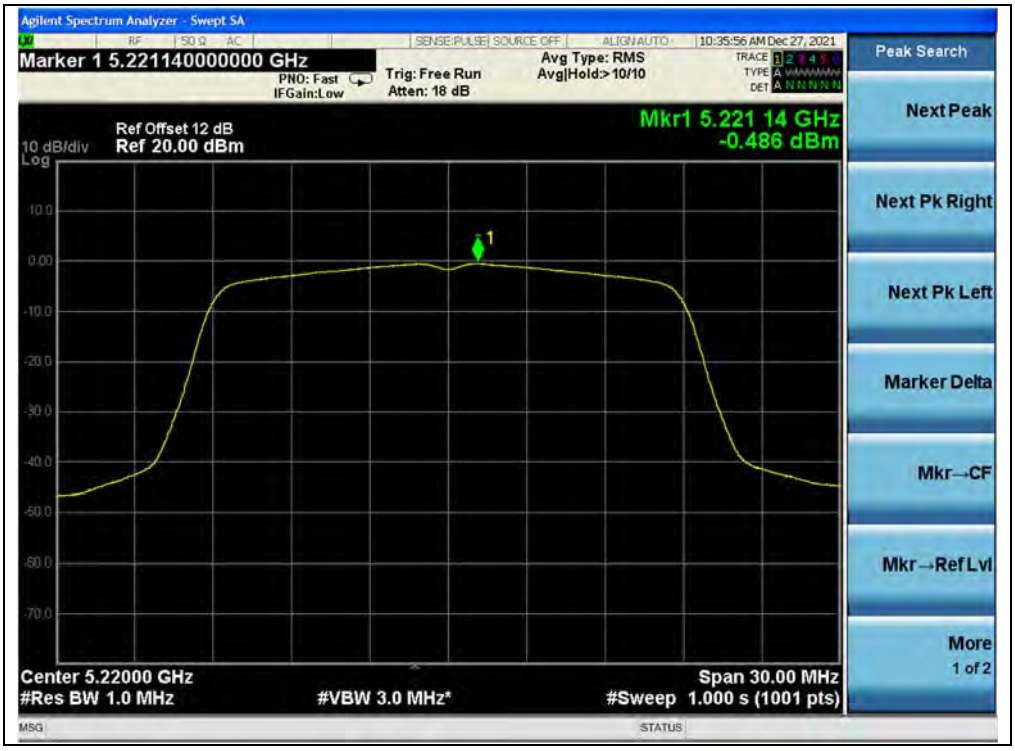
A. Test Verdict:

Channel	Frequency (MHz)	Measured PPSD (dBm/MHz)	Duty Factor	Corrected PPSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
36	5180	-1.25	0.15	-1.10	11	PASS
44	5220	-0.49		-0.34		
48	5240	-0.19		-0.04		
52	5260	0.01		0.16		
60	5300	0.20		0.35		
64	5320	0.10		0.25		
100	5500	-0.73		-0.58		
120	5600	-1.19		-1.04		
144	5720	-2.32		-2.17		
Channel	Frequency (MHz)	Measured PPSD (dBm/500KHz)	Duty Factor	Corrected (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
144	5720	-5.05	0.15	-4.90	30	PASS
149	5745	-4.81		-4.66		
157	5785	-4.18		-4.03		
165	5825	-3.73		-3.58		

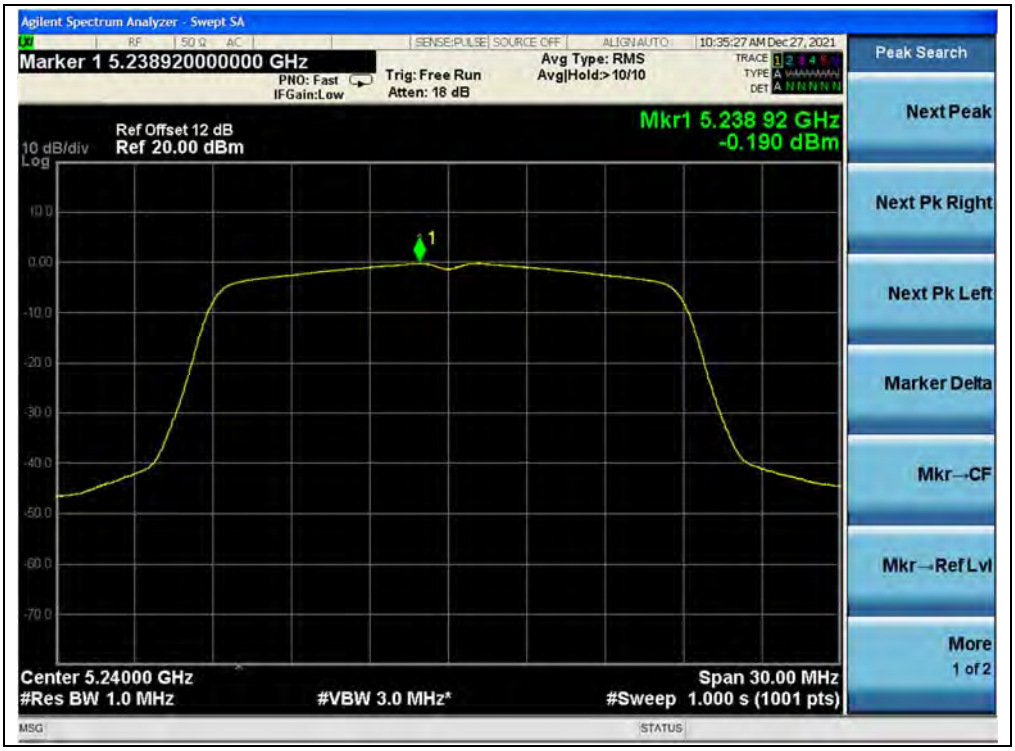
B. Test Plot:



(Channel 36, 5180MHz, 802.11ac (VHT20))



(Channel 44, 5220MHz, 802.11ac (VHT20))



(Channel 48, 5240MHz, 802.11ac (VHT20))

(Channel 52, 5260MHz, 802.11ac (VHT20))

(Channel 60, 5300MHz, 802.11ac (VHT20))

(Channel 64, 5320MHz, 802.11ac (VHT20))

(Channel 100, 5500MHz, 802.11ac (VHT20))

(Channel 120, 5600MHz, 802.11ac (VHT20))

(Channel 144, 5720MHz, 802.11ac (VHT20))

(Channel 144, 5720MHz, 802.11ac(VHT20))

(Channel 149, 5745MHz, 802.11ac (VHT20))

(Channel 157, 5785MHz, 802.11ac (VHT20))

(Channel 165, 5825MHz, 802.11ac (VHT20))

802.11ac (VHT40) Mode

A. Test Verdict:

Channel	Frequency (MHz)	Measured PPSD (dBm/MHz)	Duty Factor	Corrected PPSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
38	5190	-4.16	0.29	-3.87	11	PASS
46	5230	-3.39		-3.10		
54	5270	-3.15		-2.86		
62	5310	-2.90		-2.61		
102	5510	-3.81		-3.52		
126	5630	-4.54		-4.25		
142	5710	-5.36		-5.07		
Channel	Frequency (MHz)	Measured PPSD (dBm/500KHz)	Duty Factor	Corrected (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
142	5710	-8.25	0.29	-7.96	30	PASS
151	5755	-7.79		-7.50		
155	5795	-6.98		-6.69		

B. Test Plot:

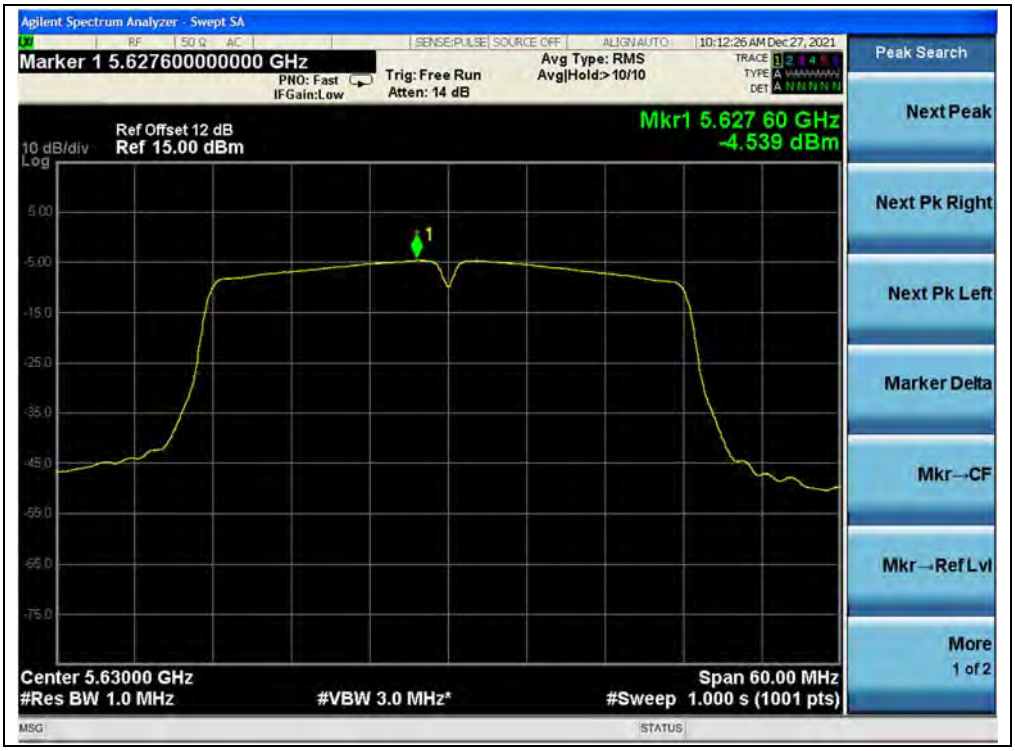
(Channel 38, 5190MHz, 802.11ac (VHT40))

(Channel 46, 5230MHz, 802.11ac (VHT40))

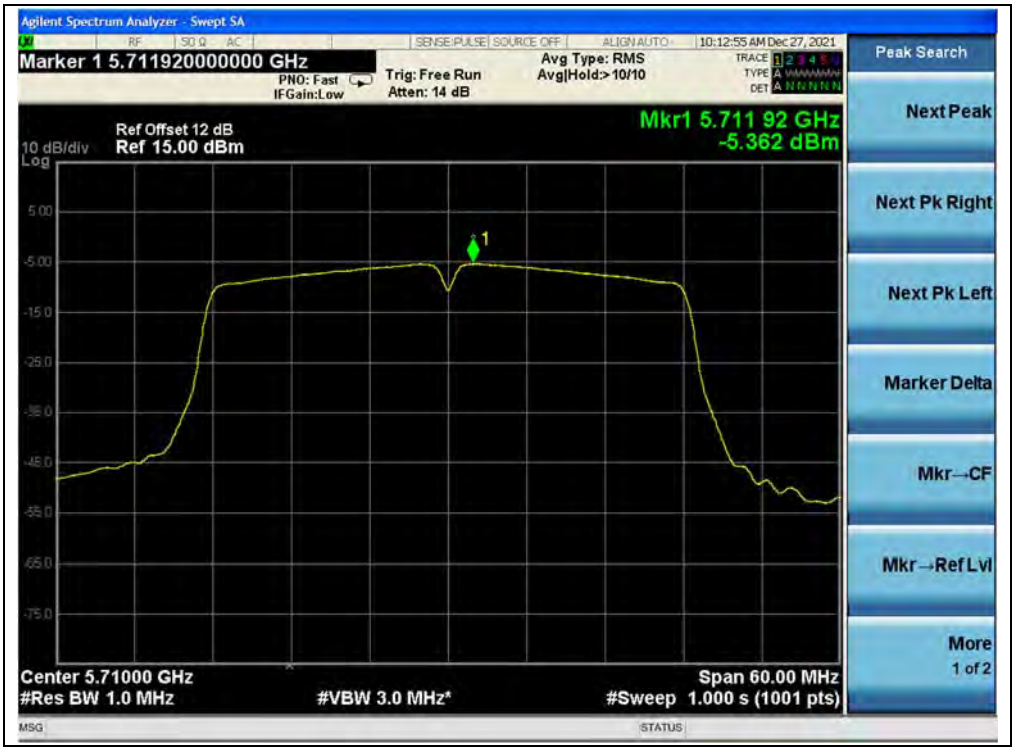
(Channel 54, 5270MHz, 802.11ac (VHT40))

(Channel 62, 5310MHz, 802.11ac (VHT40))

(Channel 102, 5510MHz, 802.11ac (VHT40))



(Channel 126, 5630MHz, 802.11ac (VHT40))



(Channel 142, 5710MHz, 802.11ac (VHT40))

(Channel 142, 5710MHz, 802.11ac (VHT40))

(Channel 151, 5755MHz, 802.11ac (VHT40))

(Channel 159, 5795MHz, 802.11ac (VHT40))

802.11ac (VHT80) Mode

A. Test Verdict:

Channel	Frequency (MHz)	Measured PPSD (dBm/MHz)	Duty Factor	Corrected PPSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
42	5210	-7.14	0.57	-6.57	11	PASS
58	5290	-6.38		-5.81		
106	5530	-7.05		-6.48		
122	5610	-8.07		-7.50		
138	5690	-8.90		-8.33		
Channel	Frequency (MHz)	Measured PPSD (dBm/500KHz)	Duty Factor	Corrected (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
138	5690	-11.63	0.57	-11.06	30	PASS
155	5775	-11.02		-10.45		

B. Test Plot:

(Channel 42, 5210MHz, 802.11ac (VHT80))

(Channel 58, 5290MHz, 802.11ac (VHT80))

(Channel 106, 5530MHz, 802.11ac (VHT80))

(Channel 122, 5610MHz, 802.11ac (VHT80))

(Channel 138, 5690MHz, 802.11ac (VHT80))

(Channel 138, 5690MHz, 802.11ac (VHT80))

(Channel 155, 5775MHz, 802.11ac (VHT80))

2.6. Frequency Stability

2.6.1. Requirement

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

2.6.2. Test Procedure

The EUT was placed inside of an environmental chamber as the temperature in the chamber was varied between 5°Cto 40°C. The temperature was incremented by 10º intervals and the unit was allowed to stabilize at each temperature before each measurement. The center frequency of the transmitting channel was evaluated at each temperature and the frequency deviation from the channel's center frequency was recorded. Data for the worst case channel is shown below.

2.6.3. Test Result

U-NII-1 (Ch. 36) 5180MHz				
VOLTAGE (%)	POWER (VDC)	TEMP (°C)	Fre. Dev. (kHz)	Deviation (ppm)
100%	5.00	+20(Ref)	11	2.124
100%		-30	14	2.703
100%		-20	12	2.317
100%		-10	12	2.317
100%		0	11	2.124
100%		+10	11	2.124
100%		+20	12	2.317
100%		+30	12	2.317
100%		+40	13	2.510
100%		+50	15	2.896
115%	5.75	+20	12	2.317
85%	4.25	+20	12	2.317

U-NII-2A (Ch. 52) 5260MHz				
VOLTAGE (%)	POWER (VDC)	TEMP (°C)	Fre. Dev. (kHz)	Deviation (ppm)
100%	5.00	+20(Ref)	10	1.901
100%		-30	14	2.662
100%		-20	12	2.281
100%		-10	11	2.091
100%		0	10	1.901
100%		+10	12	2.281
100%		+20	10	1.901
100%		+30	10	1.901
100%		+40	12	2.281
100%		+50	14	2.662
115%	5.75	+20	11	2.091
85%	4.25	+20	12	2.281

U-NII-2C (Ch. 100) 5500MHz				
VOLTAGE (%)	POWER (VDC)	TEMP (°C)	Fre. Dev. (kHz)	Deviation (ppm)
100%	5.00	+20(Ref)	11	2.000
100%		-30	14	2.545
100%		-20	12	2.182
100%		-10	11	2.000
100%		0	12	2.182
100%		+10	12	2.182
100%		+20	10	1.818
100%		+30	10	1.818
100%		+40	13	2.364
100%		+50	15	2.727
115%	5.75	+20	12	2.182
85%	4.25	+20	11	2.000

U-NII-3 (Ch. 149) 5745MHz				
VOLTAGE (%)	POWER (VDC)	TEMP (°C)	Fre. Dev. (kHz)	Deviation (ppm)
100%	5.00	+20(Ref)	10	1.741
100%		-30	13	2.263
100%		-20	12	2.089
100%		-10	11	1.915
100%		0	11	1.915
100%		+10	12	2.089
100%		+20	11	1.915
100%		+30	9	1.567
100%		+40	13	2.263
100%		+50	15	2.611
115%	5.75	+20	12	2.089
85%	4.25	+20	12	2.089

2.7. Conducted Emission

2.7.1. Requirement

According to FCC section 15.207, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the band 150kHz to 30MHz shall not exceed the limits in the following table, as measured using a 50μH/50Ω line impedance stabilization network (LISN).

Frequency Range (MHz)	Conducted Limit (dBμV)	
	Quai-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
5 - 30	60	50

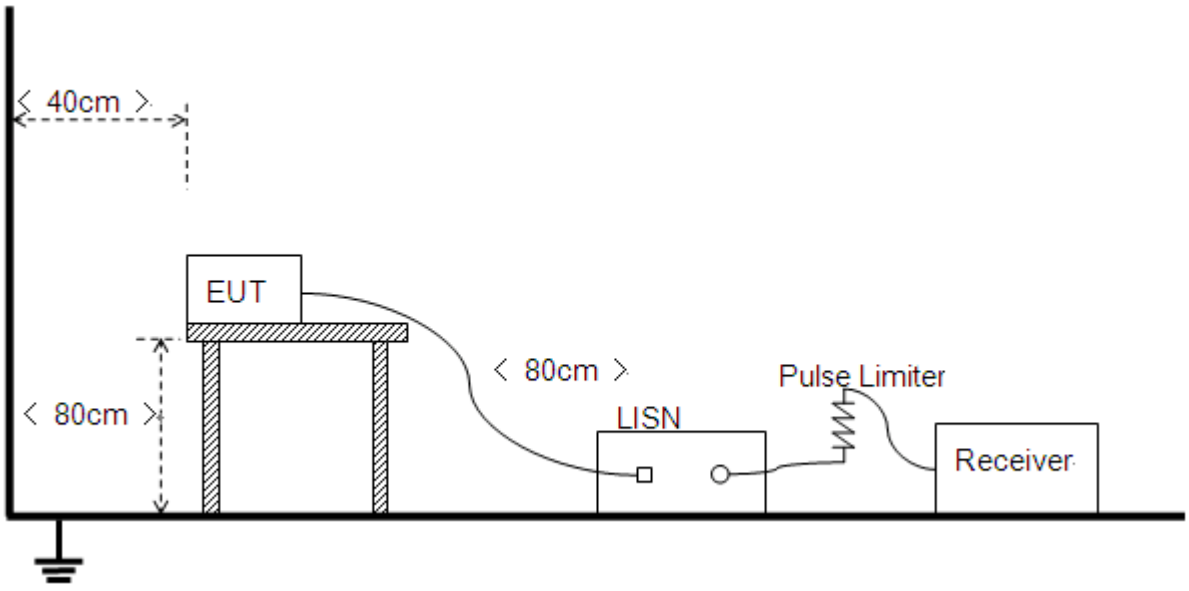
Note:

(a) The lower limit shall apply at the band edges.

(b) The limit decreases linearly with the logarithm of the frequency in the range 0.15 - 0.50MHz.

2.7.2. Test Description

Test Setup:



The Table-top EUT was placed upon a non-metallic table 0.8m above the horizontal metal reference ground plane. EUT was connected to LISN and LISN was connected to reference Ground Plane. EUT was 80cm from LISN. The set-up and test methods were according to ANSI C63.10: 2013.

2.7.3. Test Result

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Set RBW=9kHz, VBW=30kHz. Refer to recorded points and Plot below.

Note: Both of the test voltage AC 120V/60Hz and AC 230V/50Hzwere considered and tested respectively, only the results of the worst case AC 120V/60Hz were recorded in this report.

A. Test Setup:

Test Mode: EUT+ Adapter+WIFI TX

Test Voltage: AC 120V/60Hz

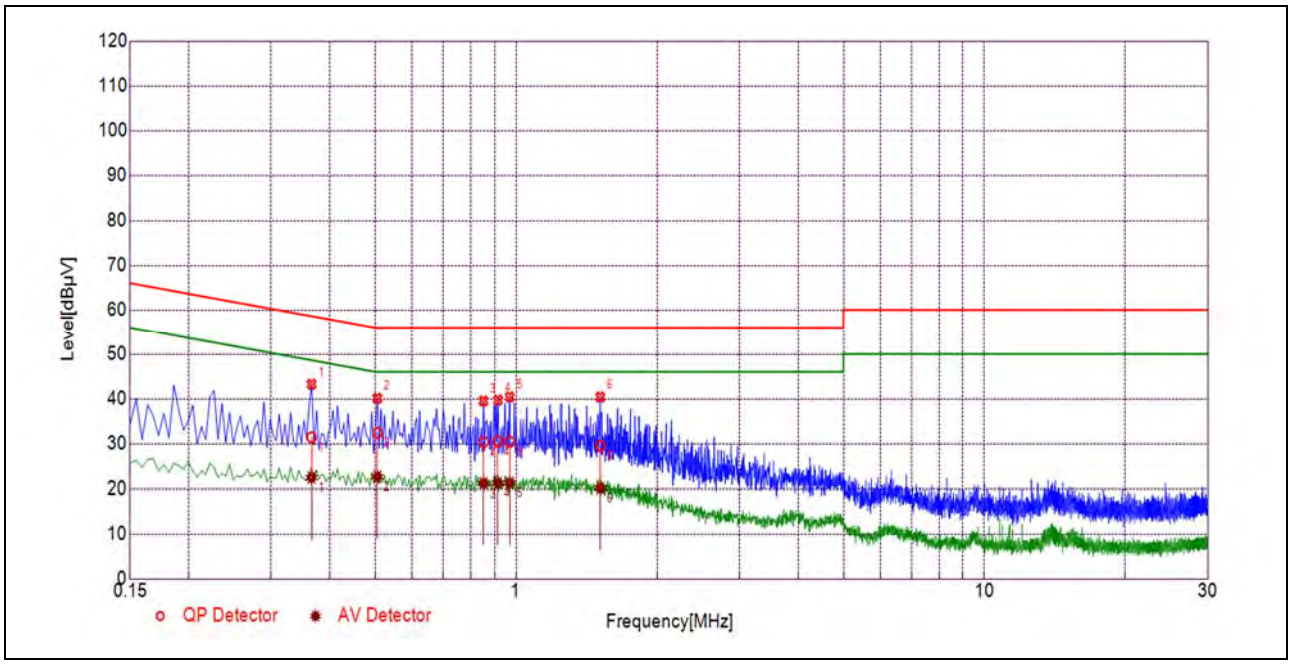
The measurement results are obtained as below:

$E\ [dB\mu V] = U_R + L_{Cable\ loss}\ [dB] + A_{Factor}$

U_R: Receiver Reading

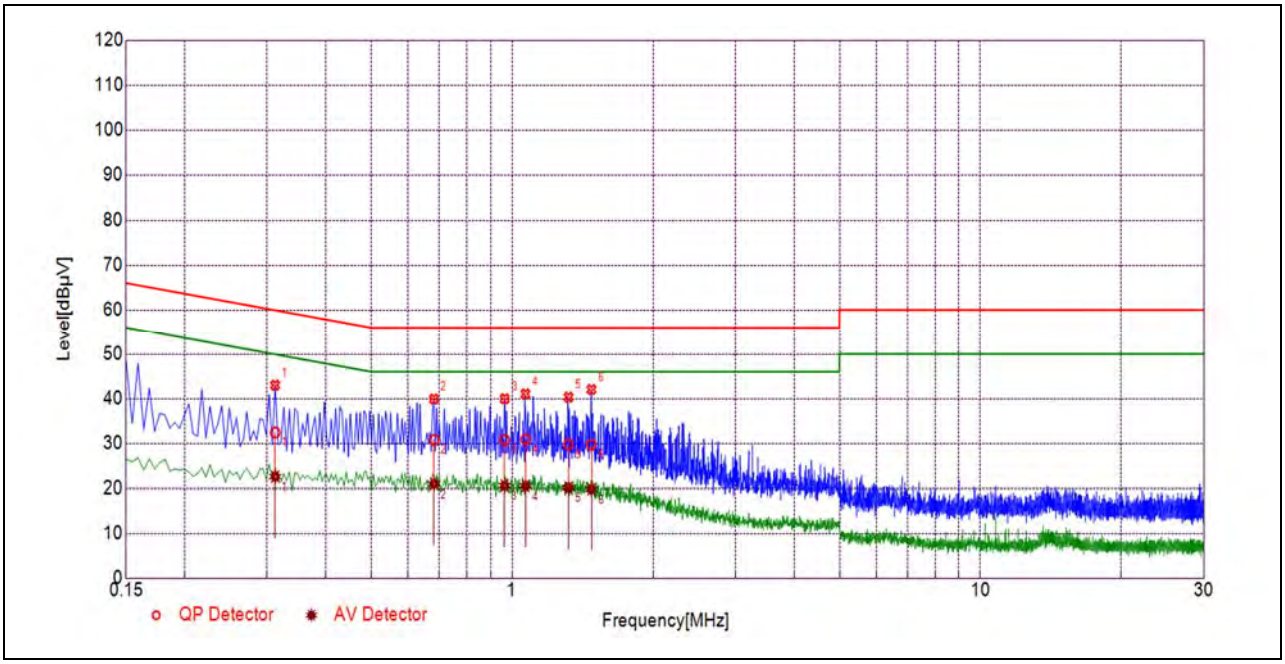
A_{Factor}: Voltage division factor of LISN

B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBµV)		Limit (dBµV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.3659	31.39	22.42	58.59	48.59	Line	PASS
2	0.5057	32.40	22.64	56.00	46.00		PASS
3	0.8526	30.34	21.16	56.00	46.00		PASS
4	0.9147	30.47	21.21	56.00	46.00		PASS
5	0.9689	30.43	21.24	56.00	46.00		PASS
6	1.5145	29.44	20.11	56.00	46.00		PASS



(N Phase)

No.	Fre. (MHz)	Emission Level (dBµV)		Limit (dBµV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.3122	32.41	22.53	59.91	49.91	Neutral	PASS
2	0.6814	30.77	20.93	56.00	46.00		PASS
3	0.9641	30.76	20.57	56.00	46.00		PASS
4	1.0686	30.90	20.51	56.00	46.00		PASS
5	1.3197	29.78	20.11	56.00	46.00		PASS
6	1.4766	29.62	19.77	56.00	46.00		PASS

2.8. Restricted Frequency Bands

2.8.1. Requirement

The peak emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:
(1) For transmitters operating in the 5.15–5.25 GHz band: all emissions outside of the 5.15–5.35 GHz band shall not exceed an EIRP of -27dBm/MHz.
(2) For transmitters operating in the 5.25–5.35 GHz band: all emissions outside of the 5.15–5.35 GHz band shall not exceed an EIRP of -27dBm/MHz.
(3) For transmitters operating in the 5.47–5.725 GHz band: all emissions outside of the 5.47–5.725 GHz band shall not exceed an EIRP of -27dBm/MHz.
(4) For transmitters operating in the 5.725-5.85 GHz band:
(i) 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.
The following formula is used to convert the equipment isotropic radiated power(e.i.r.p.) to field strength (dBμV/m);

$$E = 1000000 \times \sqrt{30P} / 3 \ \mu V/m$$

where P is the EIRP in Watts

Therefore: -27 dBm/MHz = 68.23 dBuV/m

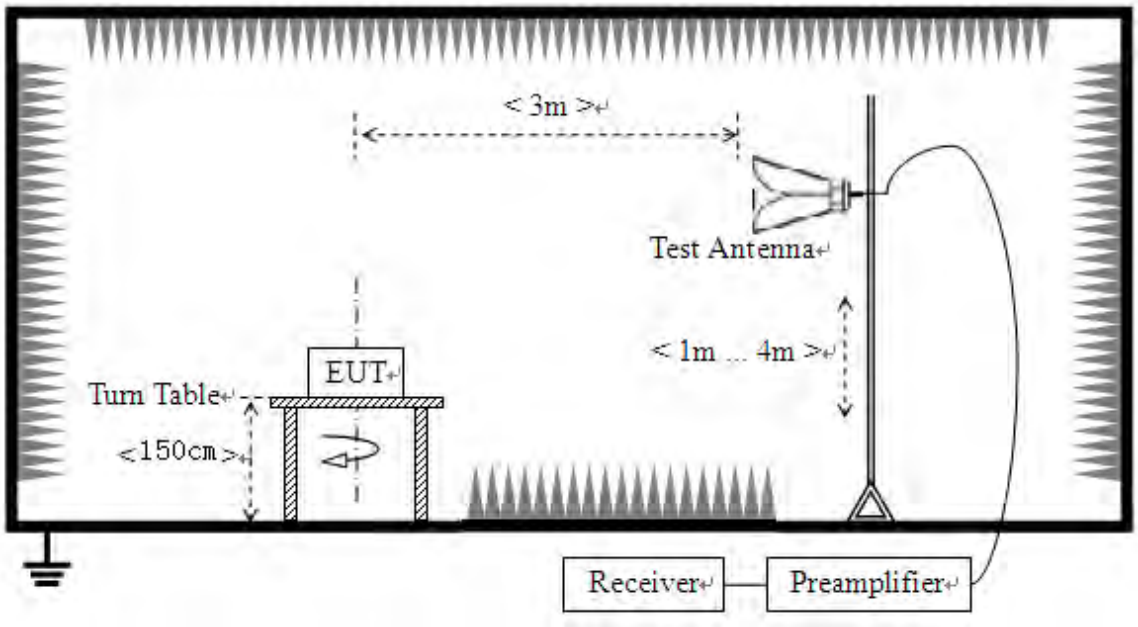
Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209. According to FCC section 15.209 (a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

For Above 1000MHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit.
In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), also should comply with the radiated emission limits specified in Section 15.209(a)(above table).

2.8.2. Test Description

Test Setup



The EUT is located in a 3m Semi-Anechoic Chamber; the antenna factors, cable loss and so on of the site as factors are calculated to correct the reading.
KDB 789033 Section H) 3)5)6(d)) was used in order to prove compliance
For the Test Antenna:
Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground to determine the maximum value of the field strength.

2.8.3. Test Result

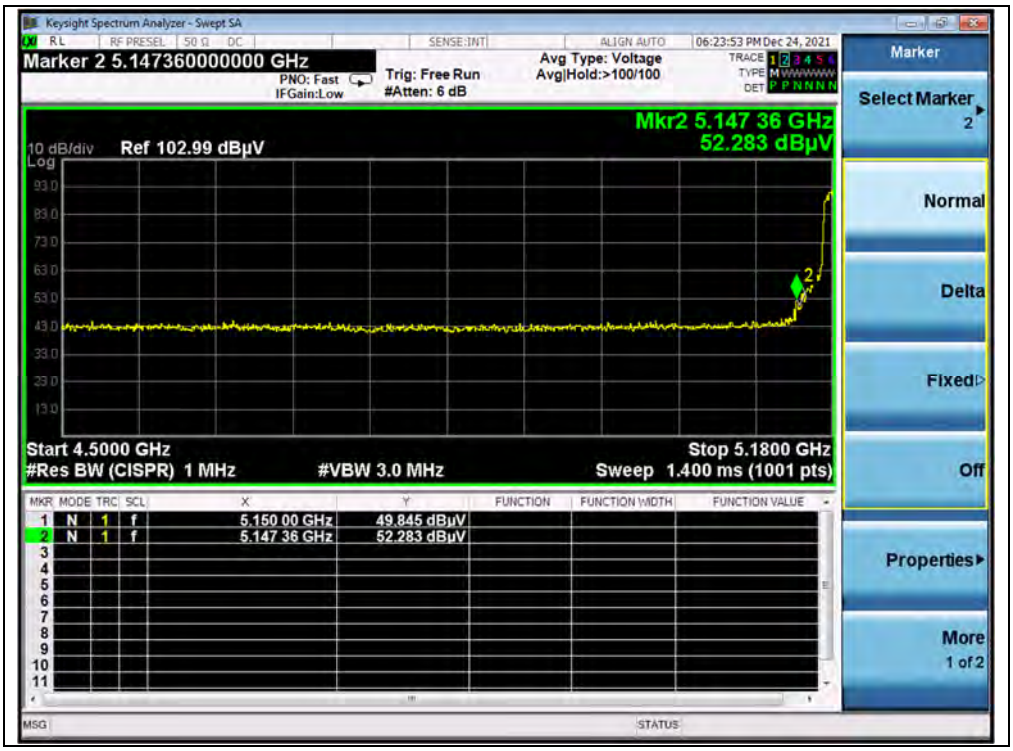
The lowest and highest channels are tested to verify Restricted Frequency Bands.
The measurement results are obtained as below:
E [dBμV/m] =U_R + A_T + A_{Factor} [dB]; A_T =$L_{Cable\ loss}$ [dB]-G_{preamp} [dB]
A_T: Total correction Factor except Antenna; U_R: Receiver Reading
G_{preamp}: Preamplifier Gain; A_{Factor}: Antenna Factor at 3m
Note 1: Restricted Frequency Bands were performed when antenna was at vertical and horizontal polarity, and only the worse test condition (vertical) was recorded in this test report.
Note 2 All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

802.11a Mode

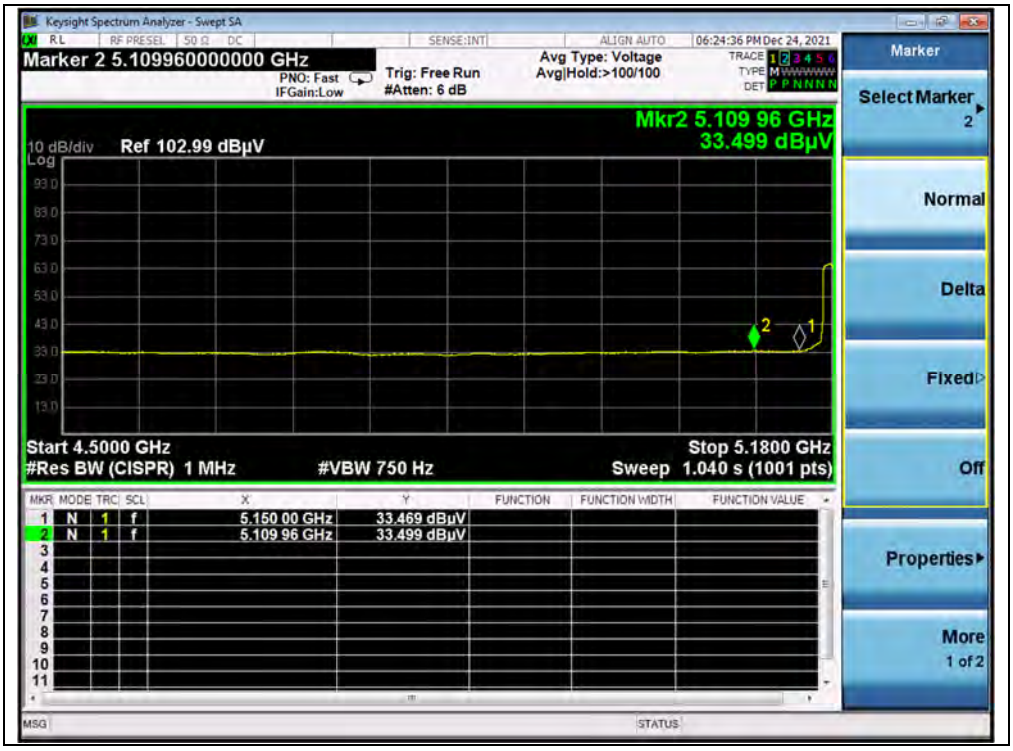
A.Test Verdict:

Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dBμV)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dBμV/m)	Limit (dBμV/m)	Verdict
		PK/ AV						
36	5147.36	PK	52.28	-19.54	32.20	64.94	74	PASS
36	5109.96	AV	33.50	-19.54	32.20	46.16	54	PASS
64	5353.46	PK	48.74	-18.80	32.20	62.14	74	PASS
64	5350.00	AV	31.75	-18.80	32.20	45.15	54	PASS
100	5467.67	PK	51.90	-19.20	32.20	64.90	68.23	PASS
100	5160.00	AV	31.36	-19.20	32.20	44.36	54	PASS
144	5725.00	PK	54.43	-19.20	32.20	67.43	68.23	PASS
149	5725.00	PK	57.11	-19.01	32.20	70.30	122.23	PASS
165	5850.00	PK	53.85	-19.01	32.20	67.04	122.23	PASS

B.Test Plot:



(PEAK, Channel 36, 802.11a)

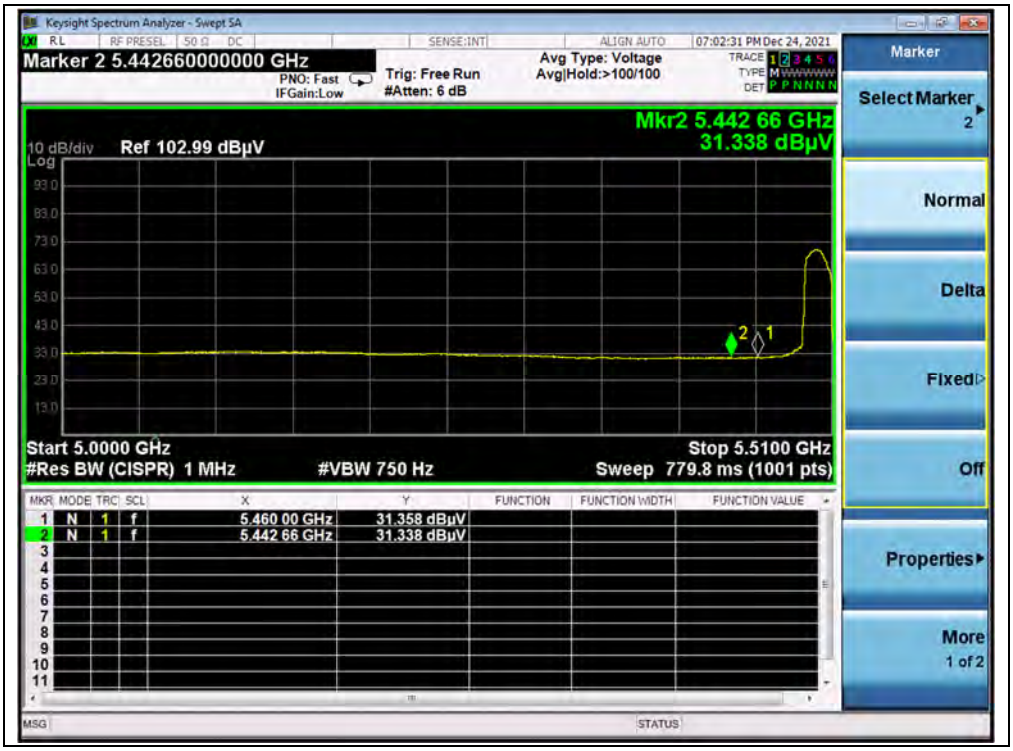


(AVERAGE, Channel 36, 802.11a)

(PEAK, Channel 64, 802.11a)

(AVERAGE, Channel 64, 802.11a)

(PEAK, Channel 100, 802.11a)



(AVERAGE, Channel 100, 802.11a)

(PEAK, Channel 144, 802.11a)

(PEAK, Channel 149, 802.11a)

(PEAK, Channel 165, 802.11a)

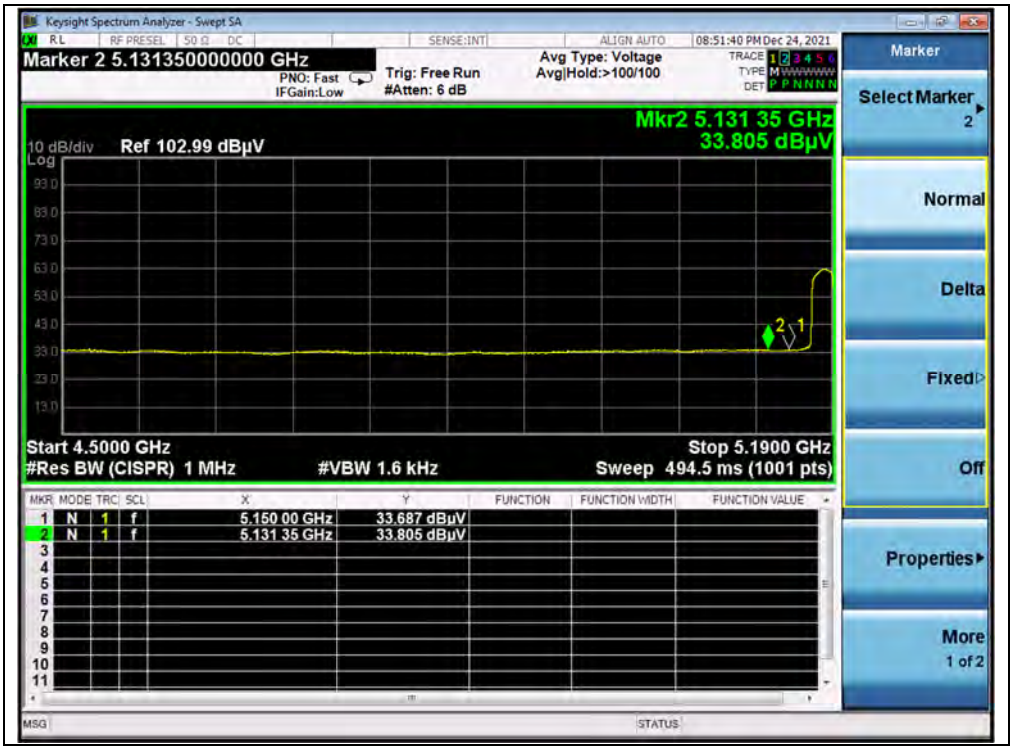
802.11n (HT40) Mode

A.Test Verdict:

Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dBμV)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dBμV/m)	Limit (dBμV/m)	Verdict
		PK/ AV						
38	5150.00	PK	51.50	-19.54	32.20	64.16	74	PASS
38	5131.35	AV	33.81	-19.54	32.20	46.47	54	PASS
62	5353.46	PK	48.74	-18.80	32.20	62.14	74	PASS
62	5350.00	AV	31.75	-18.80	32.20	45.15	54	PASS
102	5470.00	PK	51.79	-19.20	32.20	64.79	68.23	PASS
102	5448.78	AV	32.14	-19.20	32.20	45.14	54	PASS
142	5780.55	PK	45.75	-19.20	32.20	58.75	68.23	PASS
151	5725.00	PK	61.58	-19.01	32.20	74.77	122.23	PASS
159	5850.00	PK	44.50	-19.01	32.20	57.69	122.23	PASS

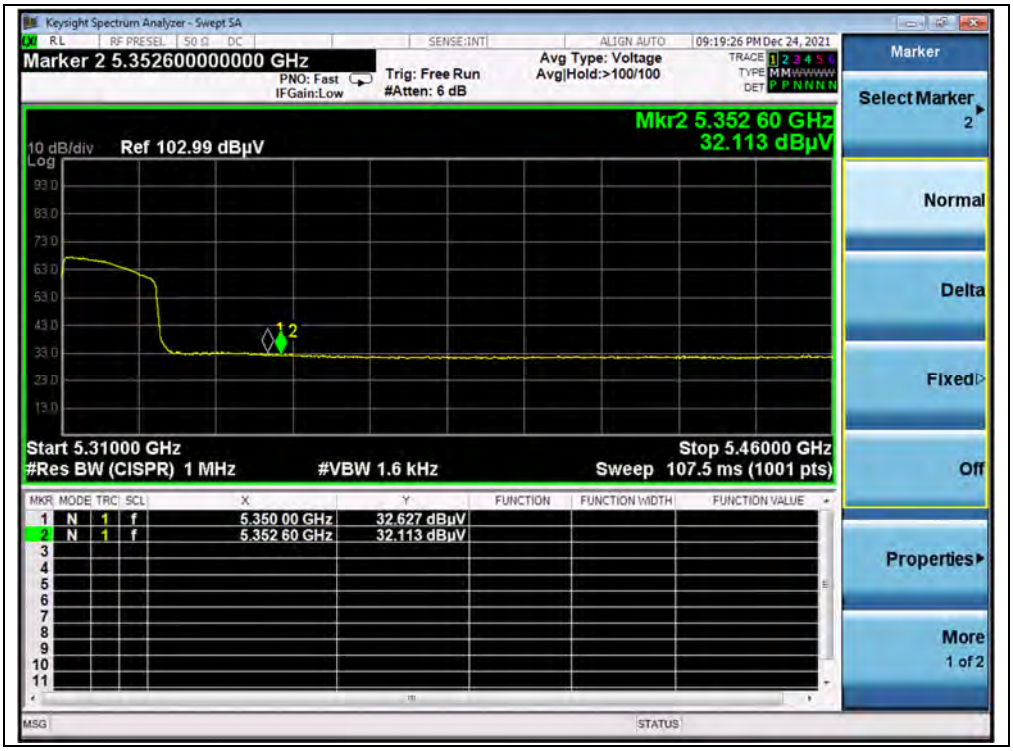
B.Test Plot:

(PEAK, Channel 38, 802.11n (HT40))



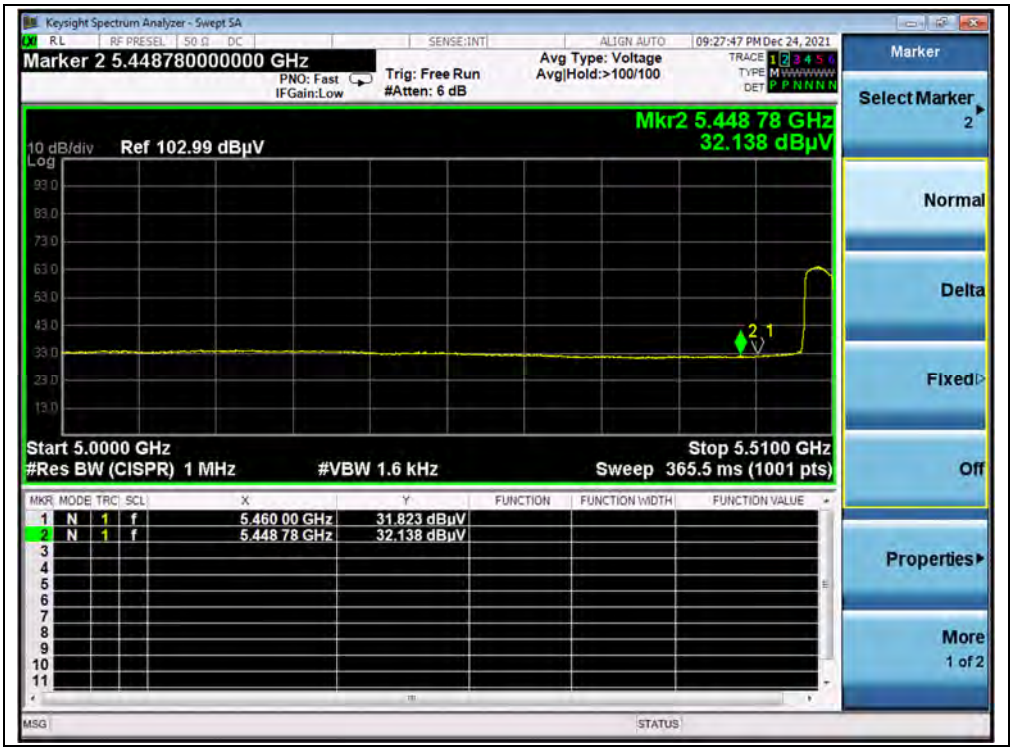
(AVERAGE, Channel 38, 802.11n (HT40))

(PEAK, Channel 62, 802.11n (HT40))



(AVERAGE, Channel 62, 802.11n (HT40))

(PEAK, Channel 102, 802.11n (HT40))



(AVERAGE, Channel 102, 802.11n (HT40))

(PEAK, Channel 142, 802.11n (HT40))

(PEAK, Channel 151, 802.11n (HT40))

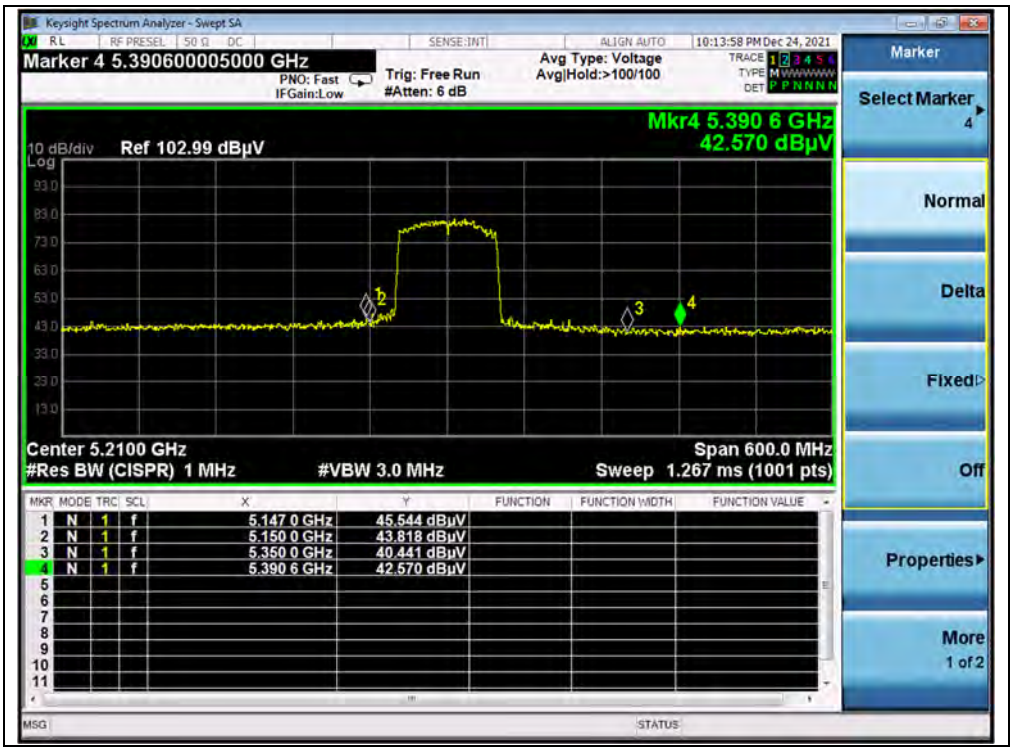
(PEAK, Channel 159, 802.11n (HT40))

802.11ac (VHT80) Mode

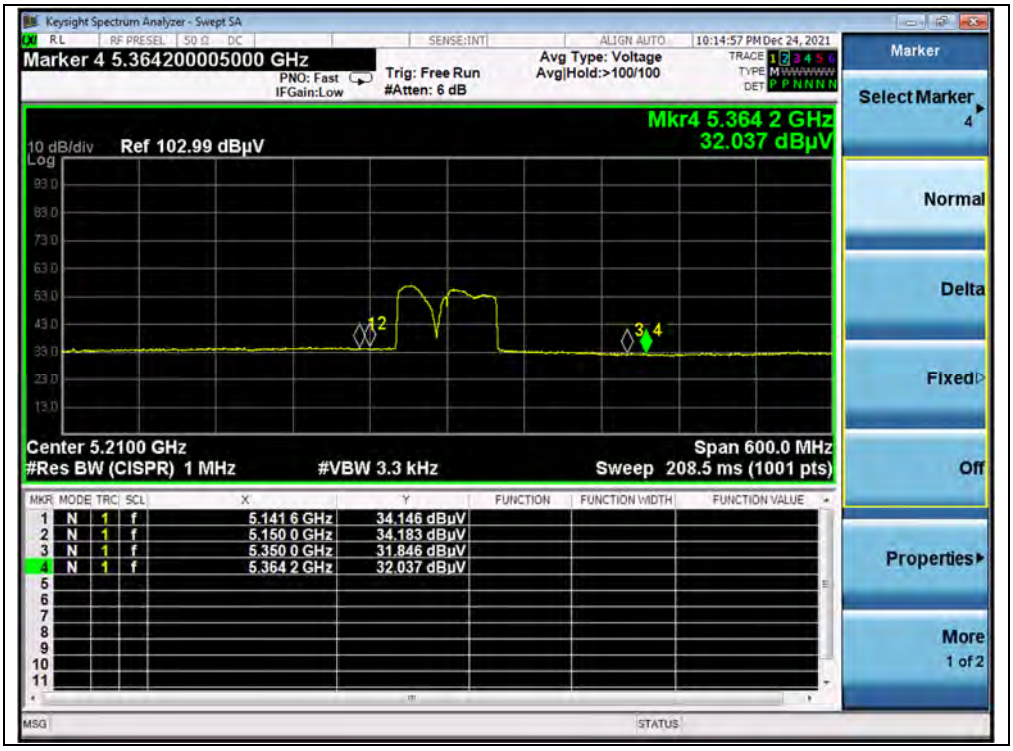
A.Test Verdict:

Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dBμV)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dBμV/m)	Limit (dBμV/m)	Verdict
		PK/ AV						
42	5147.00	PK	45.54	-19.54	32.20	58.20	74	PASS
42	5150.00	AV	34.18	-19.54	32.20	46.84	54	PASS
58	5124.60	PK	44.91	-18.80	32.20	58.31	74	PASS
58	5128.20	AV	34.30	-18.80	32.20	47.70	54	PASS
106	5460.57	PK	44.23	-19.20	32.20	57.23	68.23	PASS
106	5457.35	AV	32.38	-19.20	32.20	45.38	54	PASS
138	5749.62	PK	45.56	-19.20	32.20	58.56	68.23	PASS
155	5725.00	PK	48.25	-19.01	32.20	61.44	122.23	PASS
155	5855.00	PK	43.51	-19.01	32.20	56.70	110.83	PASS

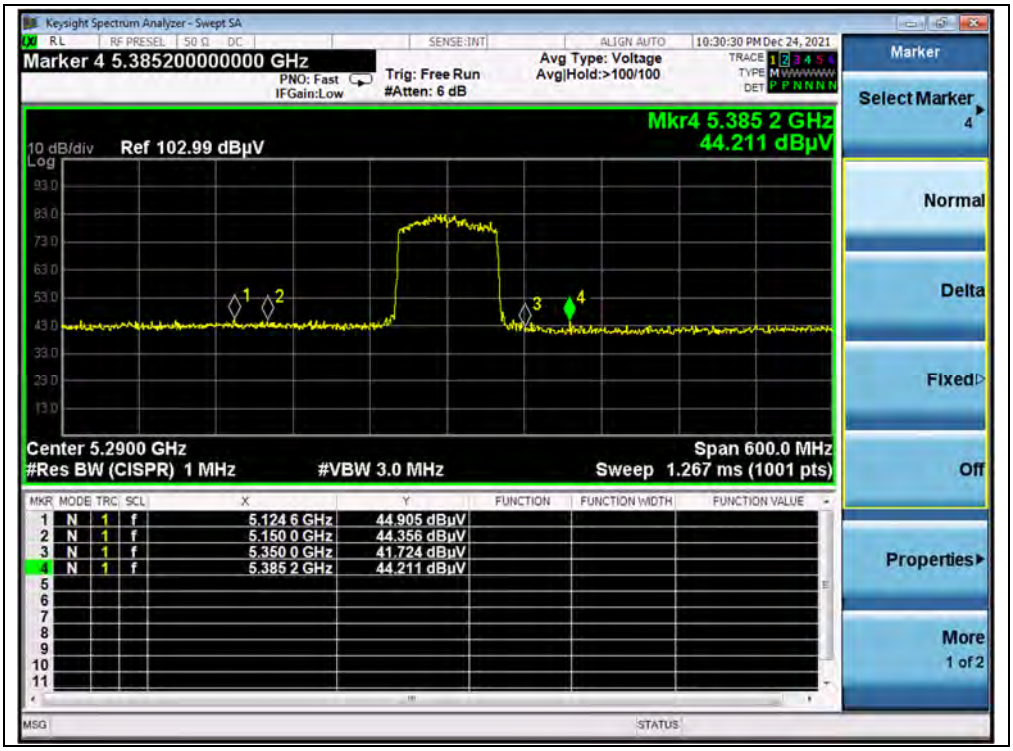
B.Test Plot:



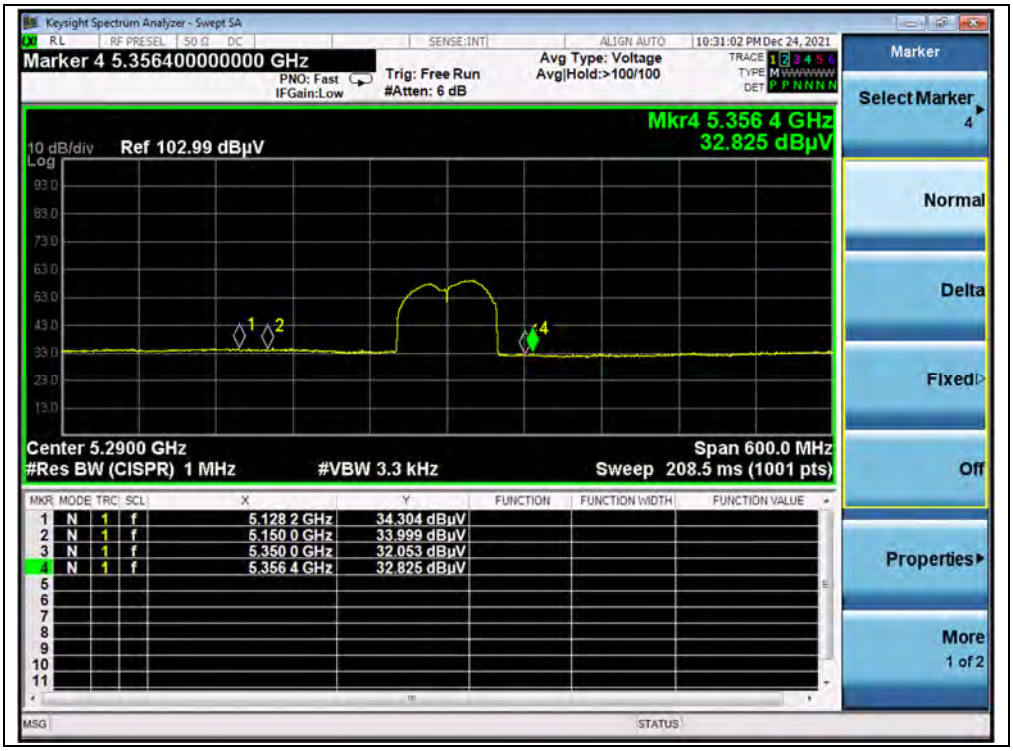
(PEAK, Channel 42, 802.11ac (VHT80))



(AVERAGE, Channel 42, 802.11ac (VHT80))

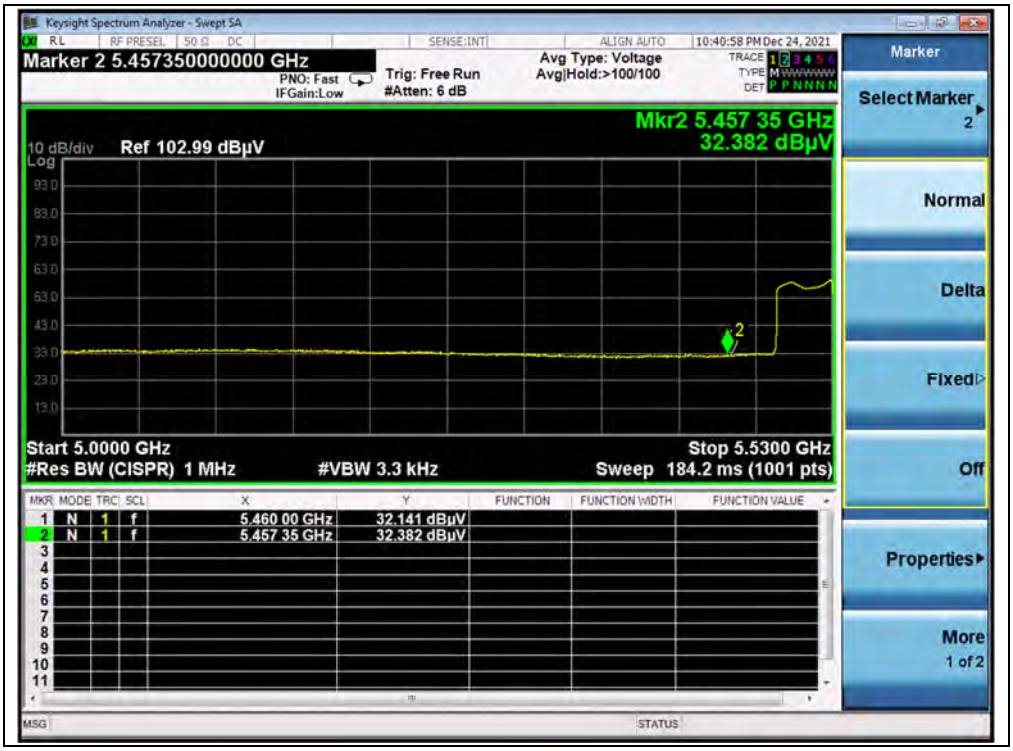


(PEAK, Channel 58, 802.11ac (VHT80))

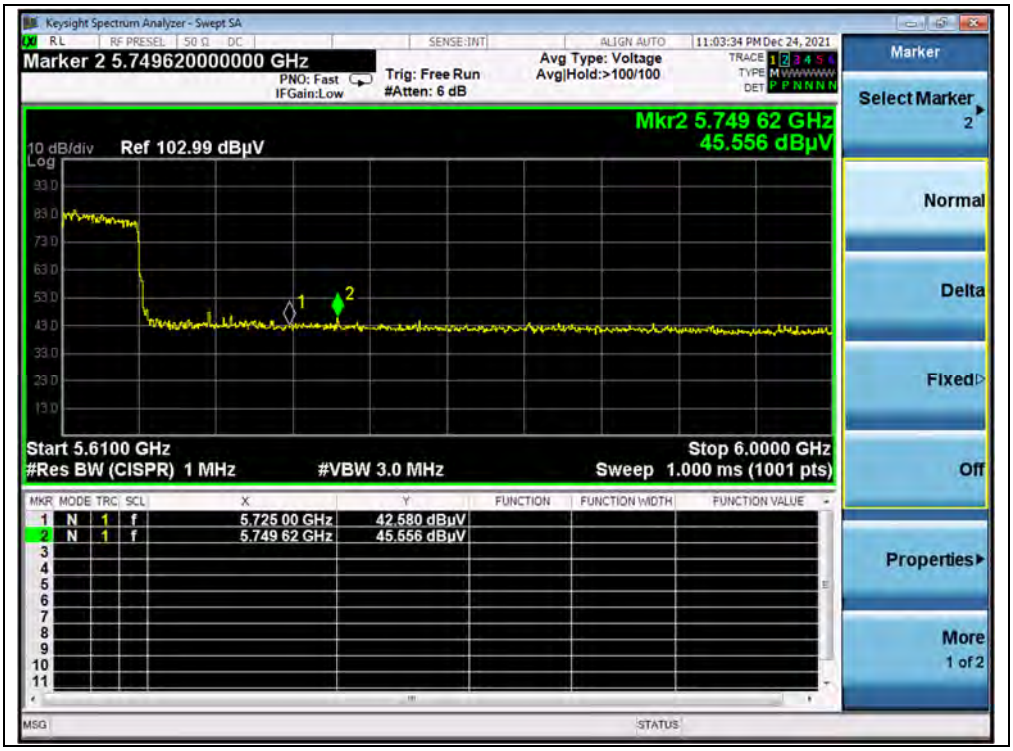


(AVERAGE, Channel 58, 802.11ac (VHT80))

(PEAK, Channel 106, 802.11ac (VHT80))



(AVERAGE, Channel 106, 802.11ac (VHT80))



(PEAK, Channel 138, 802.11ac (VHT80))

(PEAK, Channel 155, 802.11ac (VHT80))

2.9. Radiated Emission

2.9.1. Requirement

The peak emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:
(1) For transmitters operating in the 5.15–5.25 GHz band: all emissions outside of the 5.15–5.35 GHz band shall not exceed an EIRP of -27dBm/MHz.
(2) For transmitters operating in the 5.25–5.35 GHz band: all emissions outside of the 5.15–5.35 GHz band shall not exceed an EIRP of -27dBm/MHz.
(3) For transmitters operating in the 5.47–5.725 GHz band: all emissions outside of the 5.47–5.725 GHz band shall not exceed an EIRP of -27dBm/MHz.
(4) For transmitters operating in the 5.725-5.85 GHz band: All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.
The following formula is used to convert the equipment isotropic radiated power(e.i.r.p.) to field strength (dBμV/m);

$$E = 1000000 \times \sqrt{30P} / 3 \ \mu V/m$$

where P is the EIRP in Watts

Therefore: -27 dBm/MHz = 68.23 dBuV/m

Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209. According to FCC section 15.209 (a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

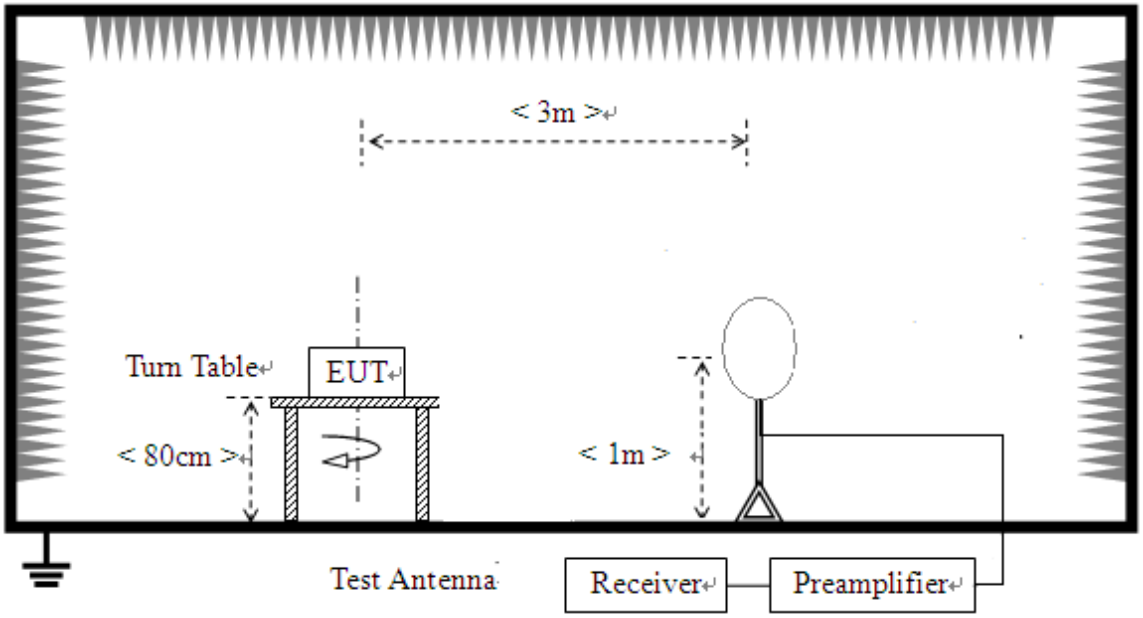
Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

For Above 1000MHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit.
In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), also should comply with the radiated emission limits specified in Section 15.209(a)(above table).

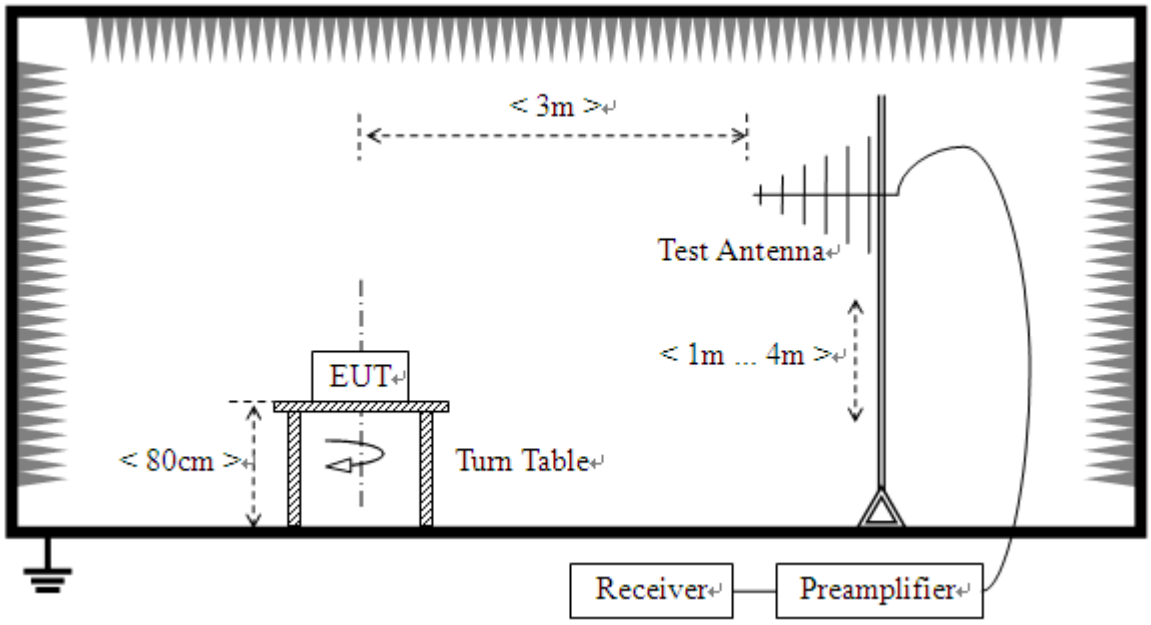
2.9.2. Test Description

Test Setup:

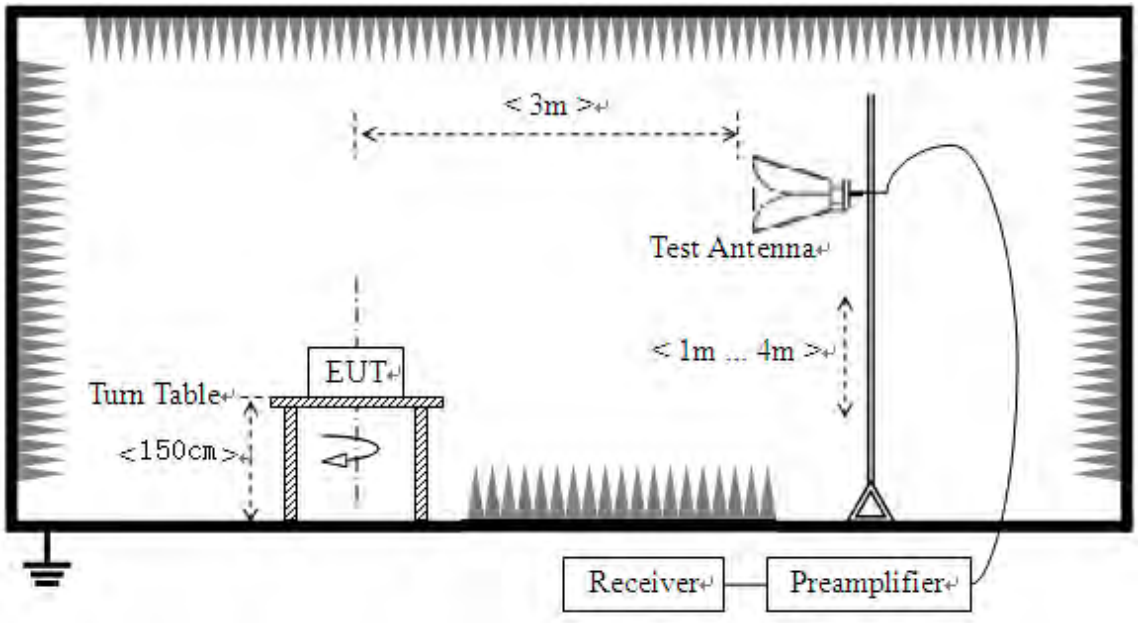
1) For radiated emissions from 9kHz to 30MHz



2) For radiated emissions from 30MHz to1GHz



3) For radiated emissions above 1GHz



The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz.The antenna to EUT distance is 3meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 30MHz, the emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9kHz-90 kHz, 110kHz-490 kHz. Radiated emission limits in these two bands are based on measurements employing an average detector.

For measurements below 1GHz the resolution bandwidth is set to 100kHz for peak detection measurements or 120kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For measurements above 1GHz the resolution bandwidth is set to 1MHz, the video band width is set to 3MHz for peak measurements and as applicable for average measurements.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

2.9.3. Test Result

According to ANSI C63.10, because of peak detection will yield amplitudes equal to or greater than amplitudes measured with the quasi-peak (or average) detector, the measurement data from a spectrum analyzer peak detector will represent the worst-case results, if the peak measured value complies with the quasi-peak (or average) limit, it is unnecessary to perform an quasi-peak measurement (or average).

The measurement results are obtained as below:

$E\ [dB\mu V/m] = U_R + A_T + A_{Factor}\ [dB]$; $A_T = L_{Cable\ loss}\ [dB] - G_{preamp}\ [dB]$

A_T: Total correction Factor except Antenna

U_R: Receiver Reading

G_{preamp}: Preamplifier Gain

A_{Factor}: Antenna Factor at 3m

During the test, the total correction Factor A_T and A_{Factor} were built in test software.

Note 1: All radiated emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

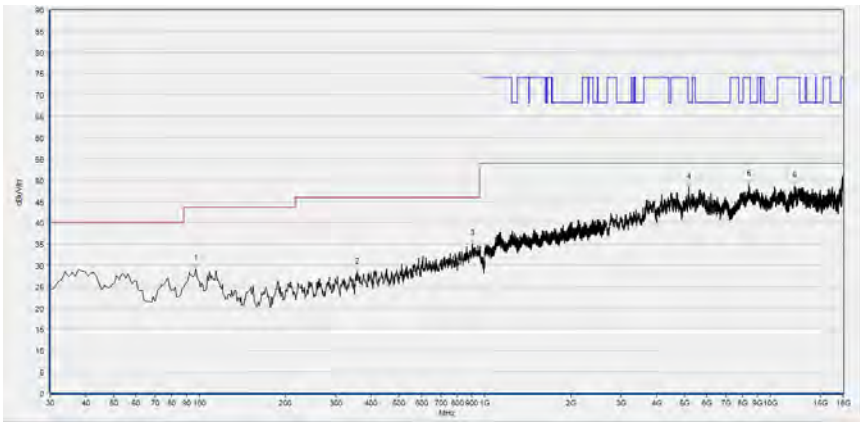
Note 2: For the frequency, which started from 9kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

Note 3: For the frequency, which started from 18GHz to 40GHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

Note 4: All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

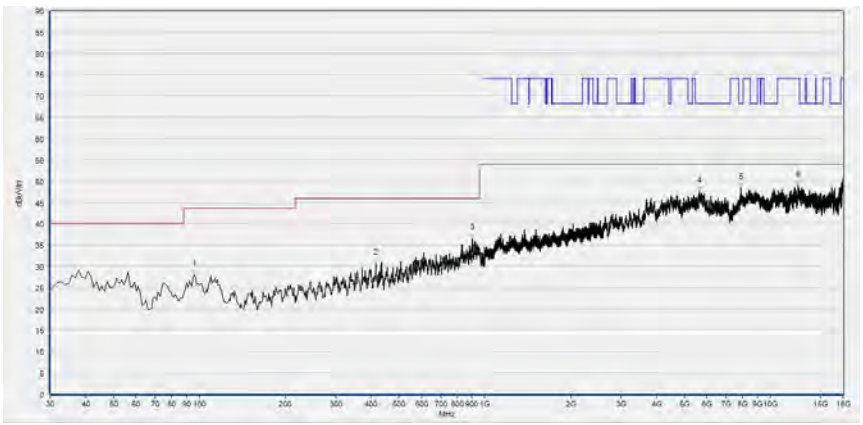
802.11a Mode

Plot for Channel 36



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
96.997	29.11	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
358.188	28.36	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
904.845	34.96	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5178.476	48.26	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8410.042	49.01	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12140.668	48.66	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

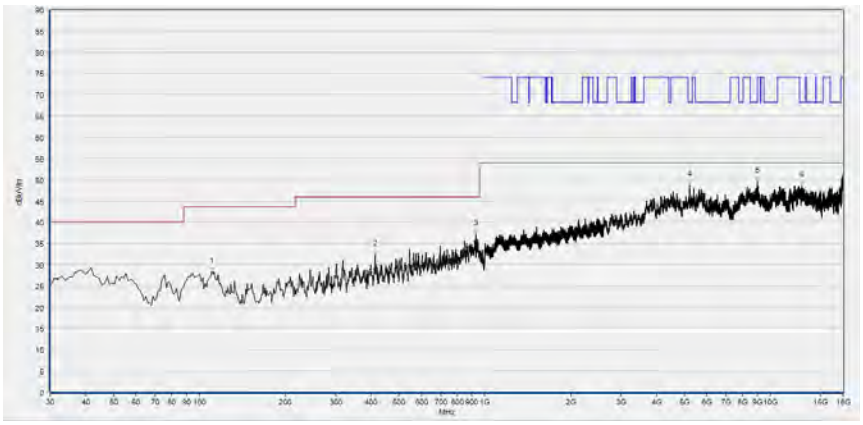
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
96.026	27.98	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
415.475	30.72	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
905.816	36.51	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5659.052	47.53	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7917.143	48.52	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12510.342	49.00	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

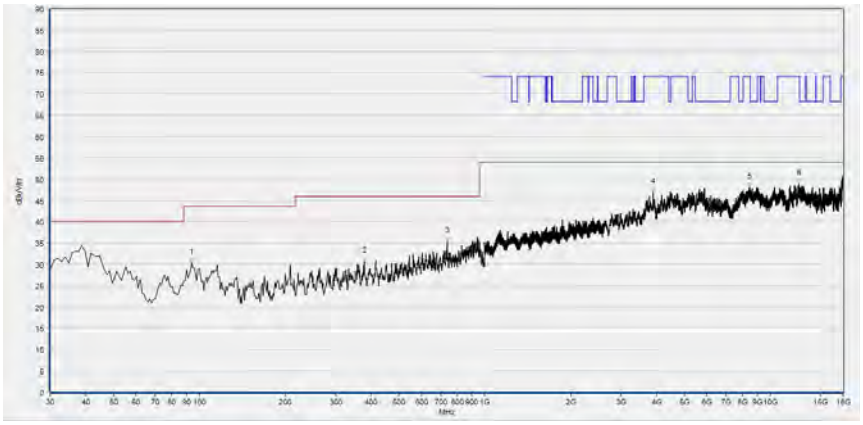
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 44



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
110.591	28.32	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
412.563	32.32	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
930.090	37.17	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5218.524	48.78	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8989.198	49.63	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12904.661	48.58	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

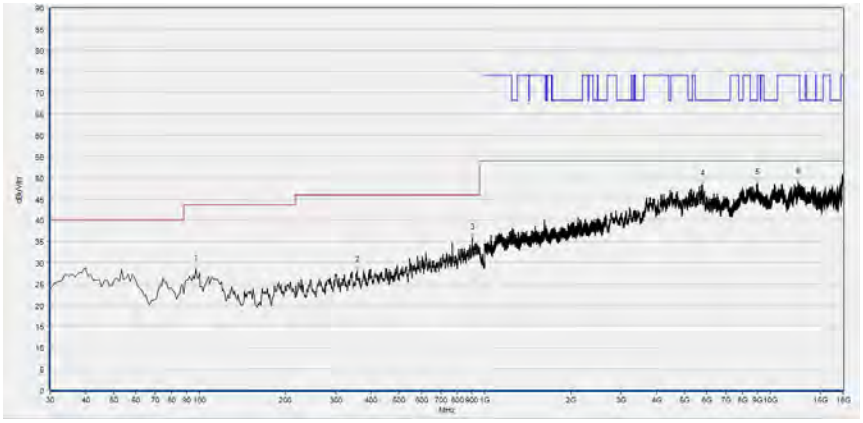
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
94.084	30.26	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
378.579	30.68	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
737.838	35.29	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
3893.859	46.89	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8447.009	48.07	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12578.116	48.98	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

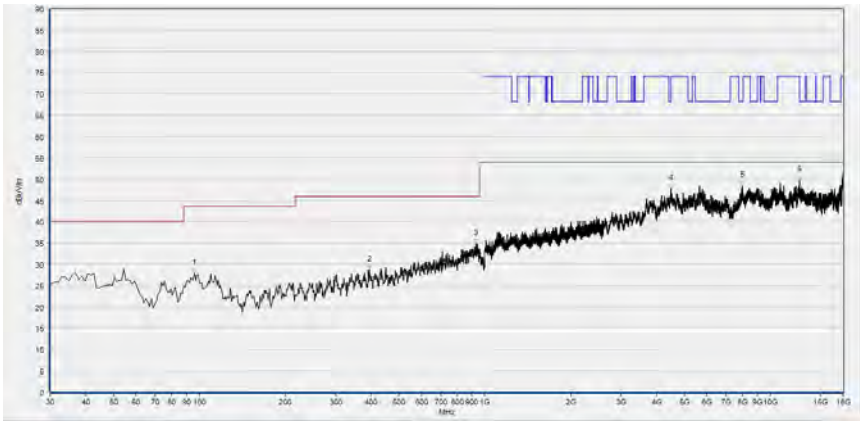
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 48



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
96.997	28.52	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
357.217	28.08	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
902.903	35.80	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5788.438	48.49	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
9004.601	48.69	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12534.987	48.91	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

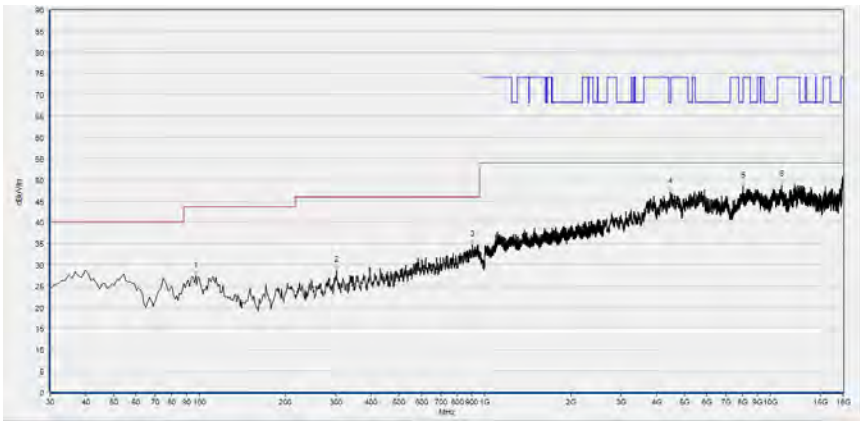
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
96.026	27.80	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
394.114	28.72	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
933.003	34.93	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4485.337	47.73	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7991.078	48.35	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12689.018	49.83	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

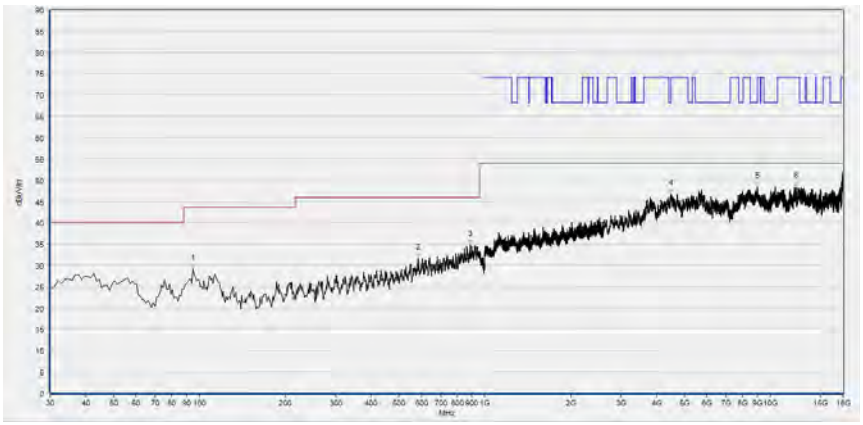
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 52



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
96.997	27.38	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
301.872	28.65	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
902.903	34.63	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4469.934	47.03	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8015.723	48.38	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10982.356	48.73	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

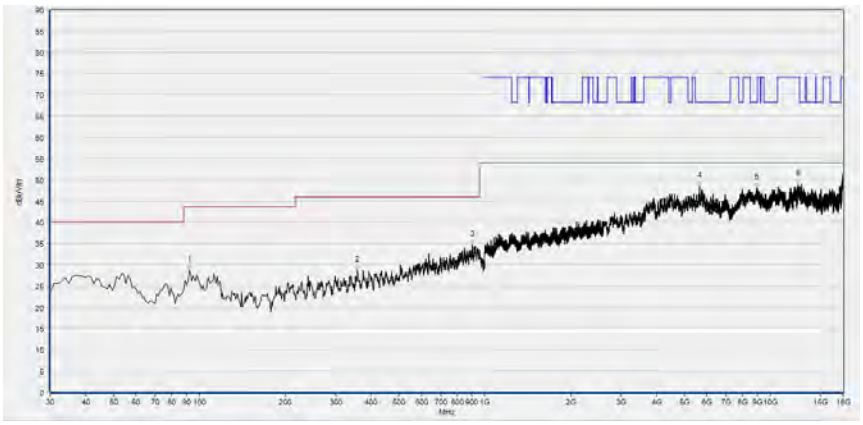
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
95.055	29.18	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
584.424	31.60	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
886.396	34.94	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4476.095	46.76	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9001.520	48.40	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12294.699	48.37	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

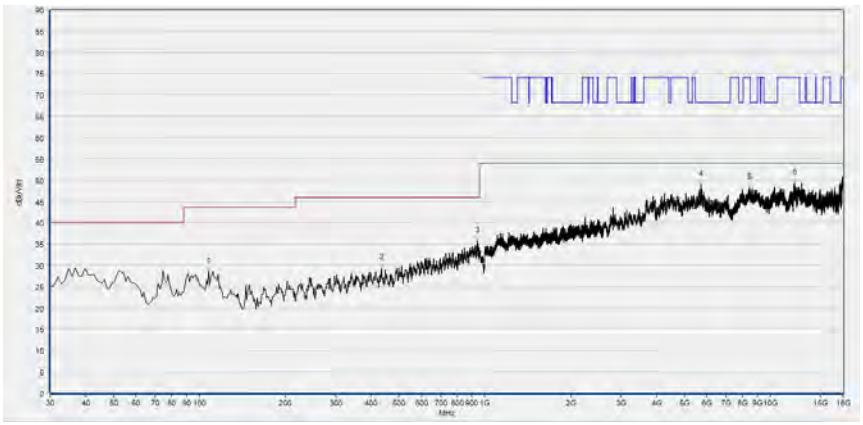
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 60



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
92.142	28.69	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
358.188	28.58	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
904.845	34.70	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5640.568	48.42	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8958.392	48.16	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12498.020	49.02	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

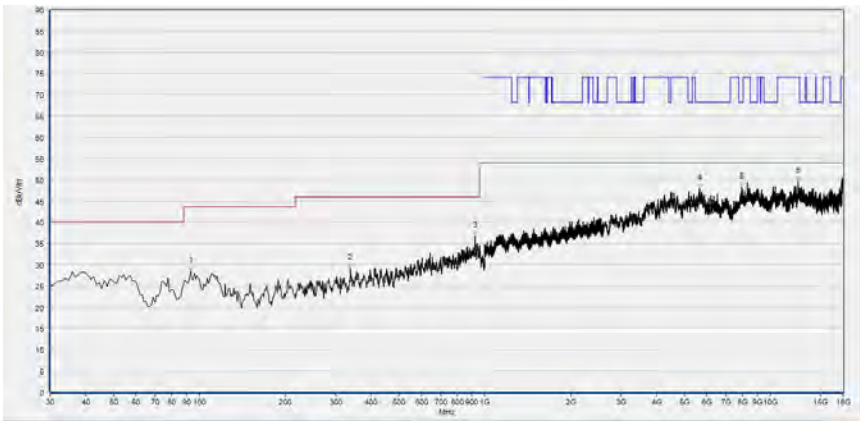
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
107.678	28.48	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
433.924	29.40	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
942.713	35.66	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5726.825	48.87	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8447.009	48.20	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12149.910	49.26	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

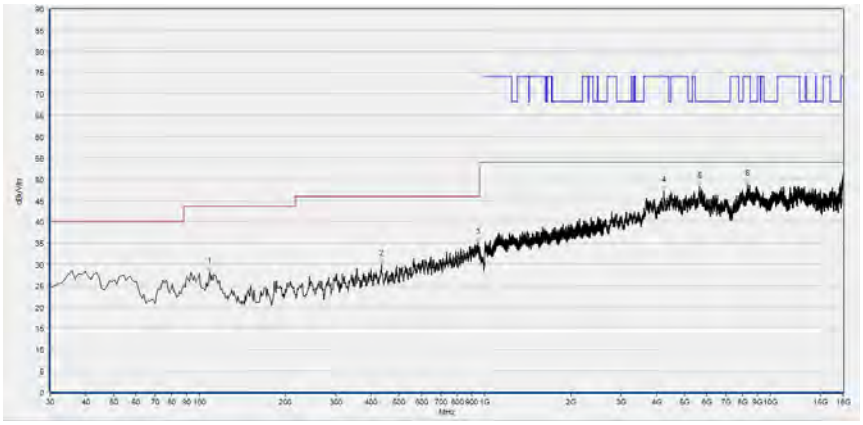
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 64



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
93.113	28.41	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
337.798	29.25	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
923.293	36.72	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5640.568	47.94	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7935.627	48.30	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12528.826	49.64	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

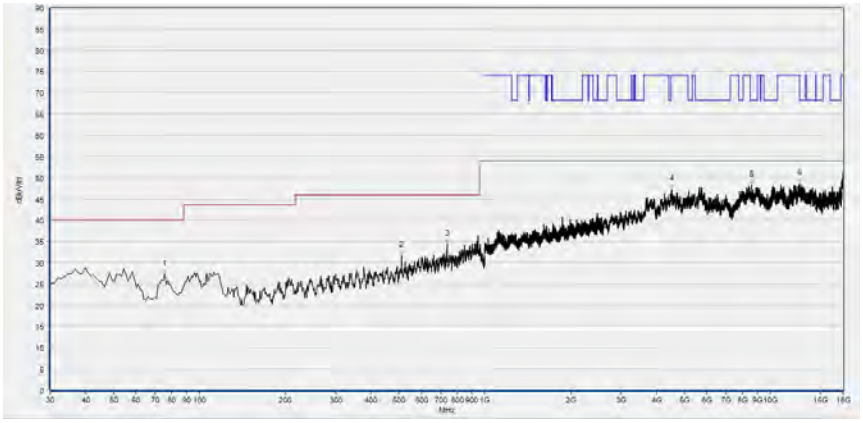
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
108.649	28.09	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
433.924	29.93	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
945.626	34.95	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4245.049	47.27	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5646.729	48.35	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8314.543	48.75	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

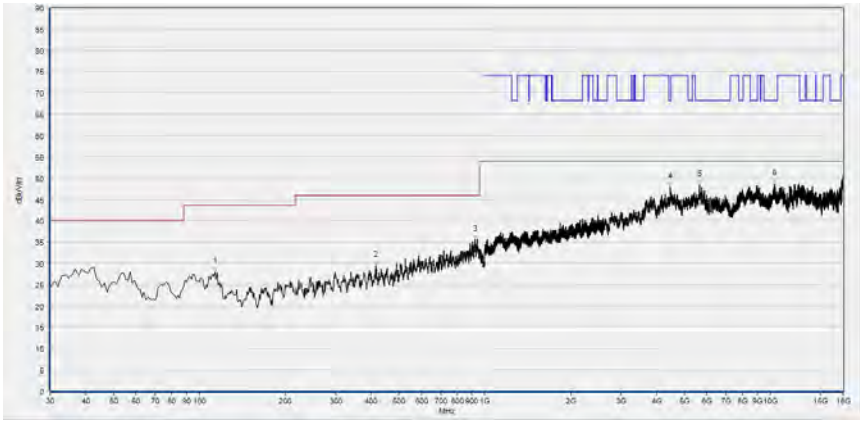
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 100



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
75.636	27.35	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
511.602	31.60	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
737.838	34.36	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4519.224	47.34	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8628.766	48.19	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12676.695	48.62	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

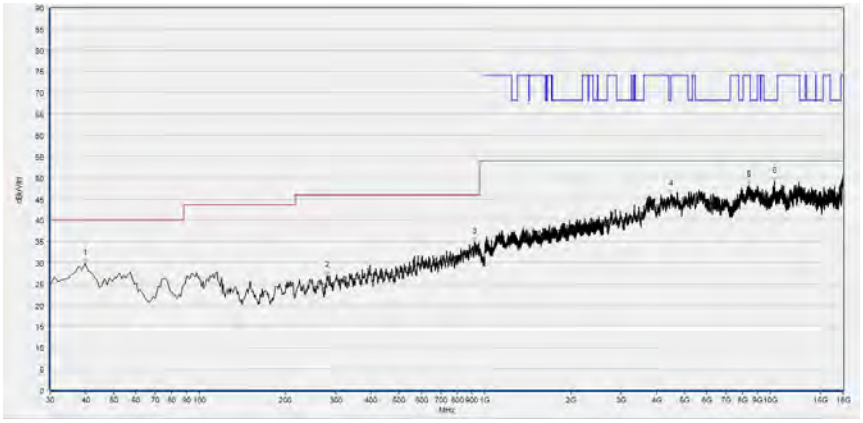
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
113.504	27.99	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
415.475	29.57	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
923.293	35.57	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4469.934	47.91	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5655.971	48.51	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10341.588	48.60	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

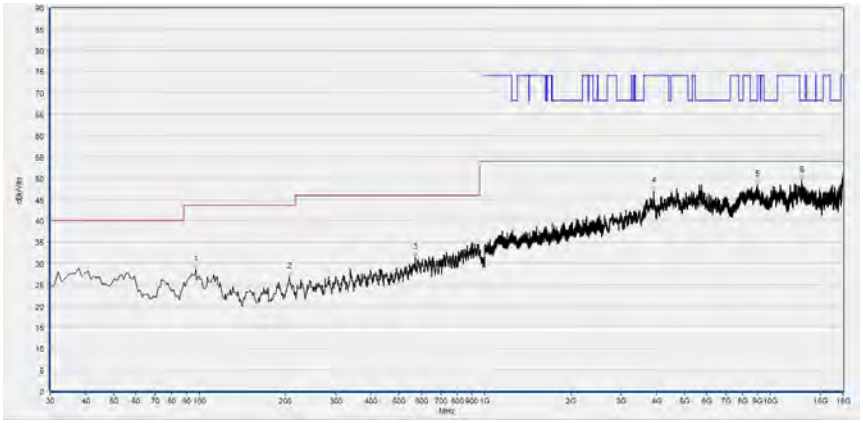
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 120



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
39.710	29.91	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
280.511	26.98	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
921.351	34.93	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4491.498	46.07	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8428.526	48.31	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
10323.105	49.18	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

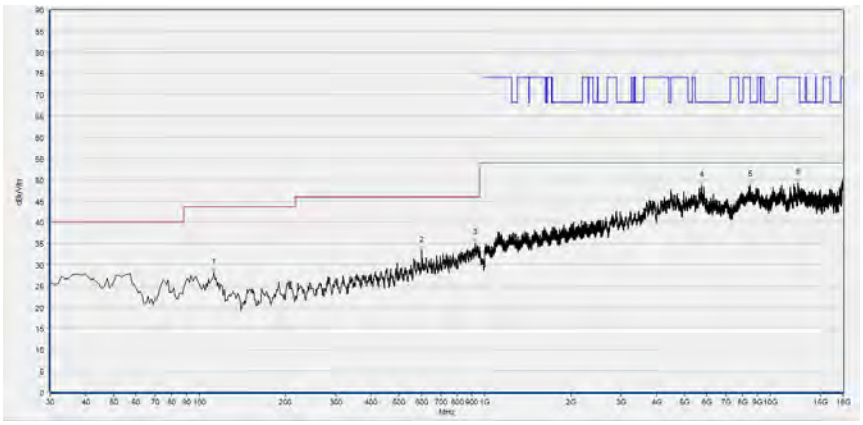
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
96.997	28.45	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
206.717	26.84	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
571.802	31.40	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
3909.262	46.93	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8995.359	48.45	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12889.258	49.38	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

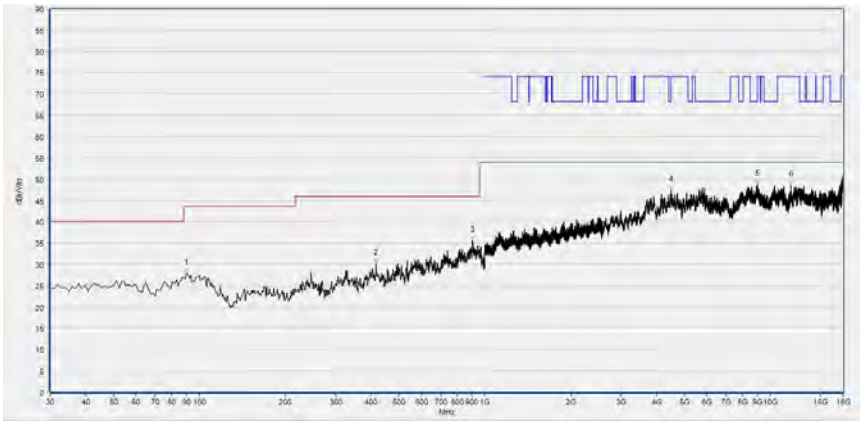
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 144



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
112.533	28.11	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
601.902	33.29	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
924.264	35.08	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5754.551	48.59	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8505.541	48.84	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12494.939	49.27	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

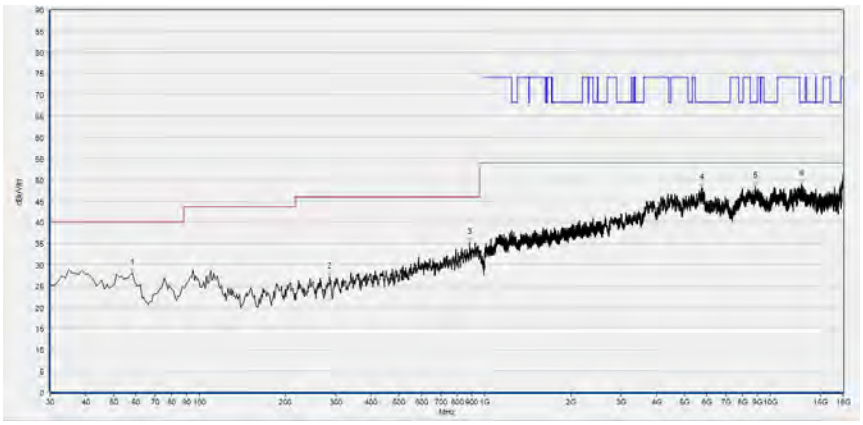
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
90.200	27.85	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
416.446	30.16	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
905.816	35.51	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4497.660	47.39	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9001.520	48.81	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
11832.607	48.57	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

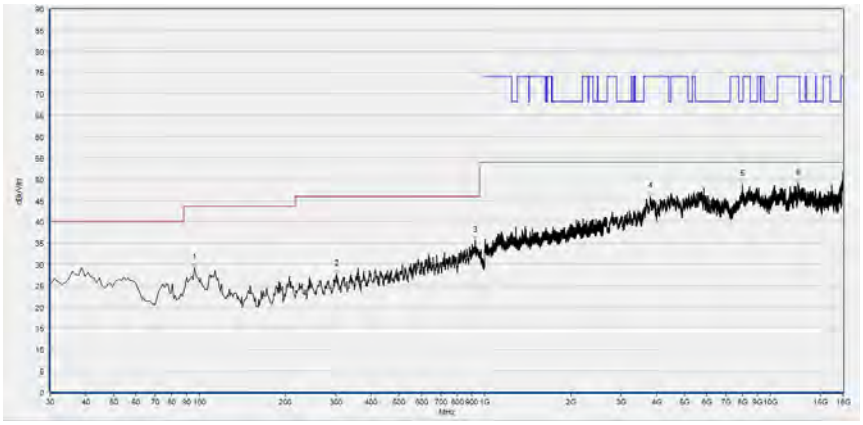
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 149



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
58.158	27.99	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
286.336	27.14	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
882.513	35.18	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5736.067	48.02	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8850.570	48.48	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12910.822	48.91	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

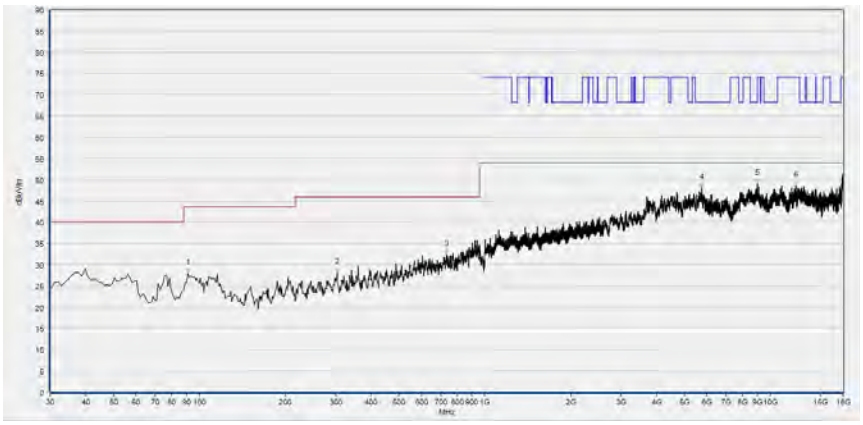
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
96.026	29.24	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
302.843	27.72	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
927.177	35.55	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
3798.360	45.94	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
7972.595	48.78	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12525.745	48.89	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

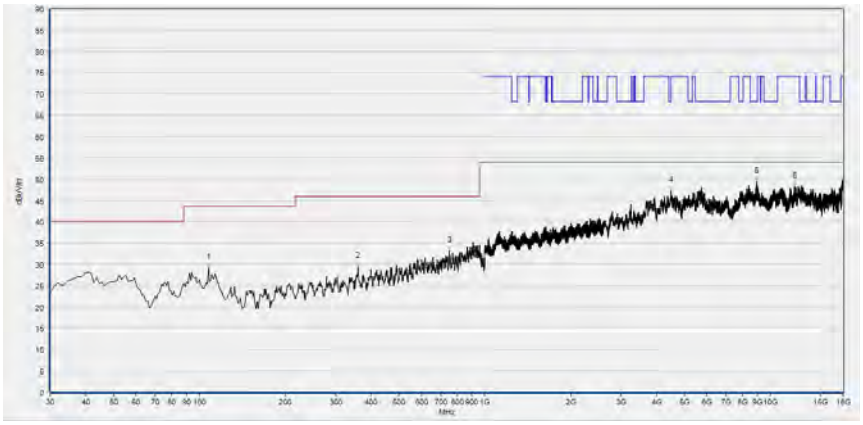
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 157



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
91.171	27.96	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
303.814	28.17	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
732.983	32.33	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5766.873	48.15	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8995.359	49.15	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12297.780	48.55	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

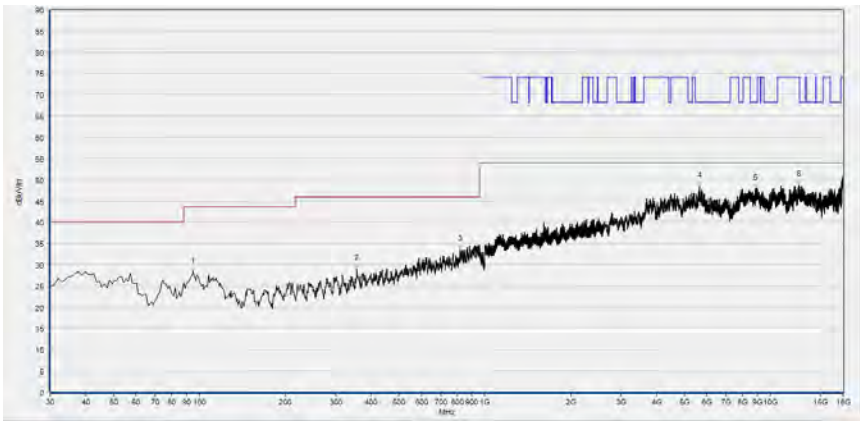
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
107.678	29.10	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
359.159	29.50	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
750.460	33.14	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4479.176	47.26	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8955.311	49.42	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12186.877	48.29	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

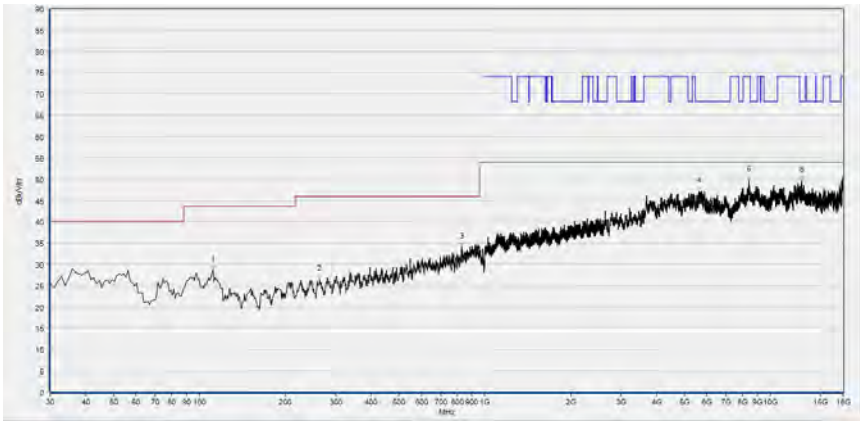
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 165



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
95.055	28.38	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
356.246	29.01	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
818.428	33.50	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5643.649	48.45	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8859.812	47.95	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12605.841	48.83	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

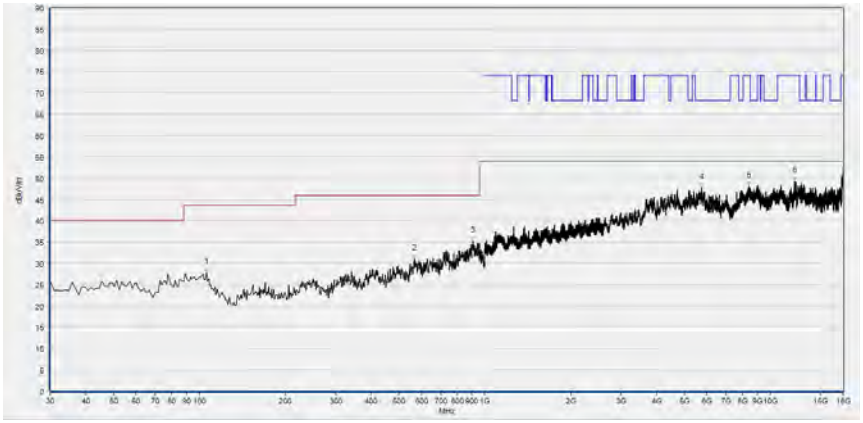


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
111.562	28.64	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
264.004	26.43	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
828.138	33.99	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5634.407	47.02	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8428.526	49.71	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12898.500	49.68	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

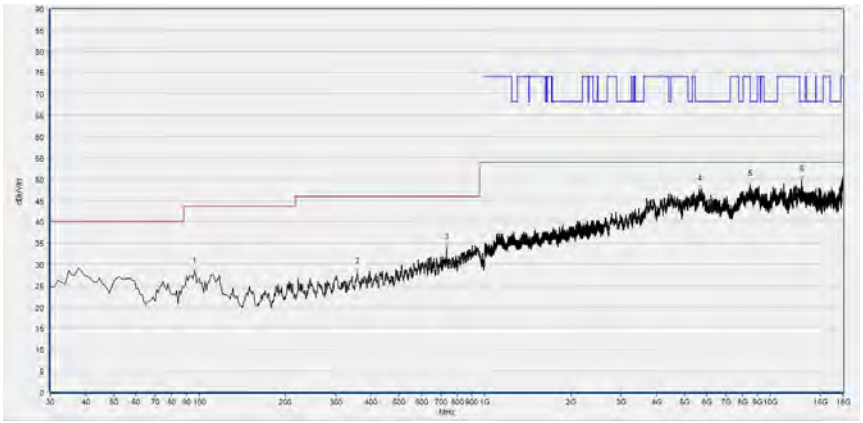
802.11n (HT40) mode

Plot for Channel 38



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
105.736	27.74	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
567.918	31.06	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
908.729	35.21	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5757.632	47.83	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8391.558	48.14	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12193.039	49.25	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

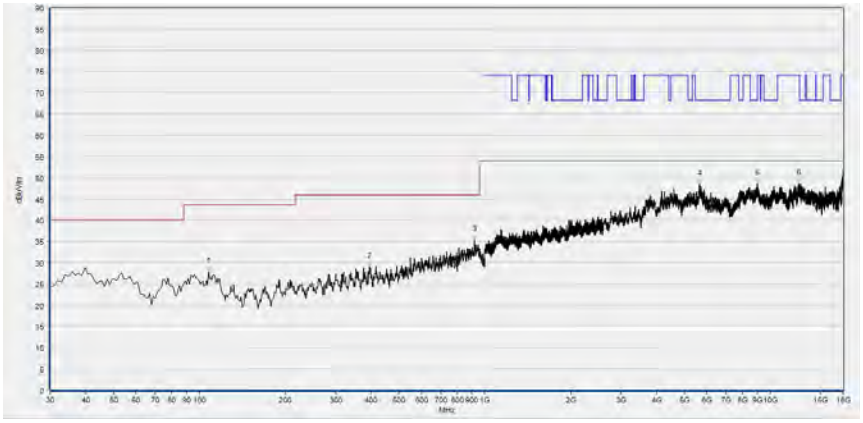
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
96.026	28.40	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
358.188	28.22	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
732.983	33.77	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5662.132	47.58	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8508.622	48.70	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12873.855	49.80	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

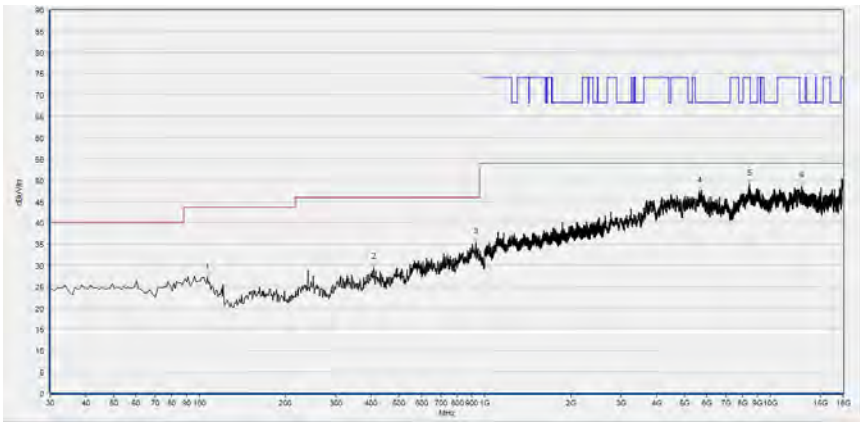
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 46



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
107.678	27.76	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
394.114	28.92	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
918.438	35.37	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5646.729	48.49	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8992.278	48.63	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12602.761	48.61	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

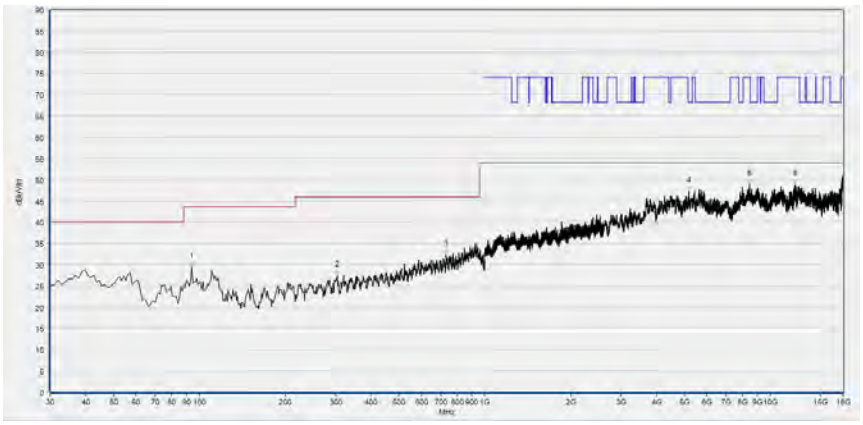
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
106.707	27.20	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
408.679	29.41	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
928.148	35.42	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5646.729	47.43	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8450.090	49.18	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12889.258	48.55	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

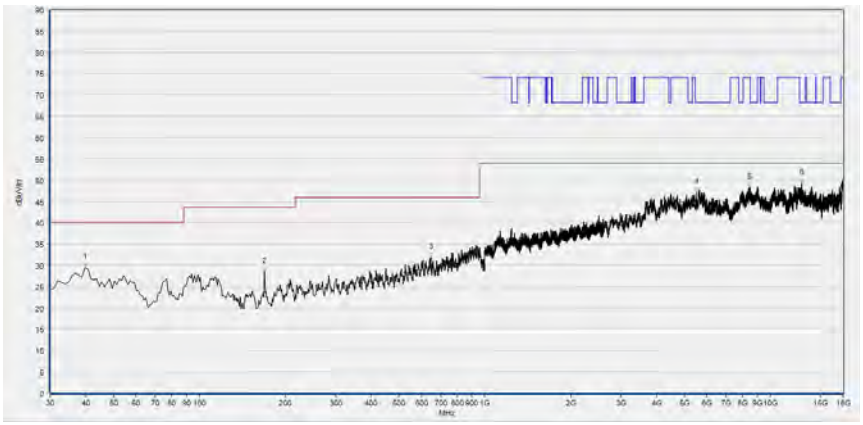
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 54



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
94.084	29.50	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
303.814	27.53	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
732.012	32.32	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5172.314	47.24	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8456.251	48.96	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12205.361	48.89	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

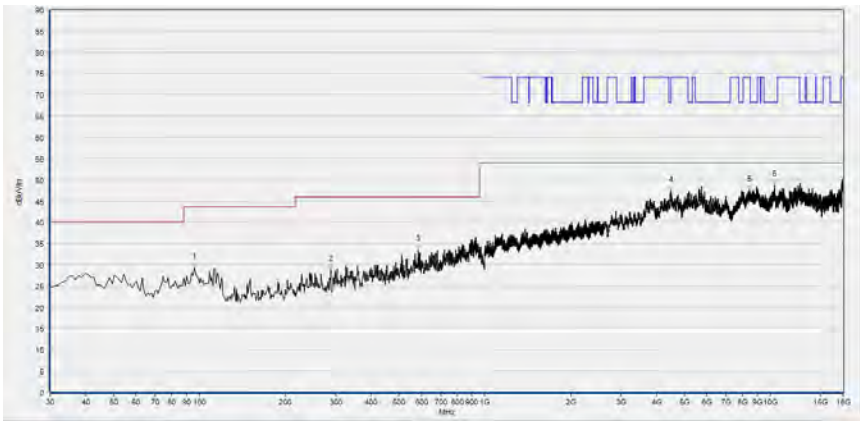
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
39.710	29.57	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
168.849	28.55	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
645.596	31.92	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5523.505	47.03	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8437.768	48.22	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12910.822	49.25	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

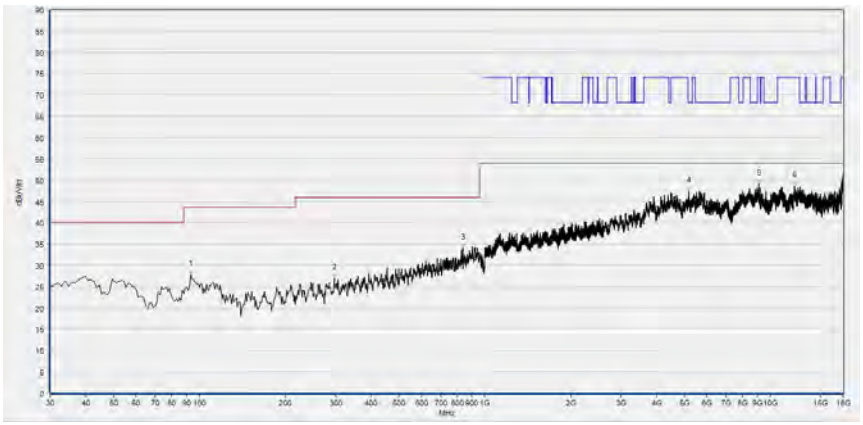
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 62



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
96.026	29.37	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
288.278	28.80	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
584.424	33.58	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4479.176	47.47	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8440.848	47.66	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
10335.427	48.76	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

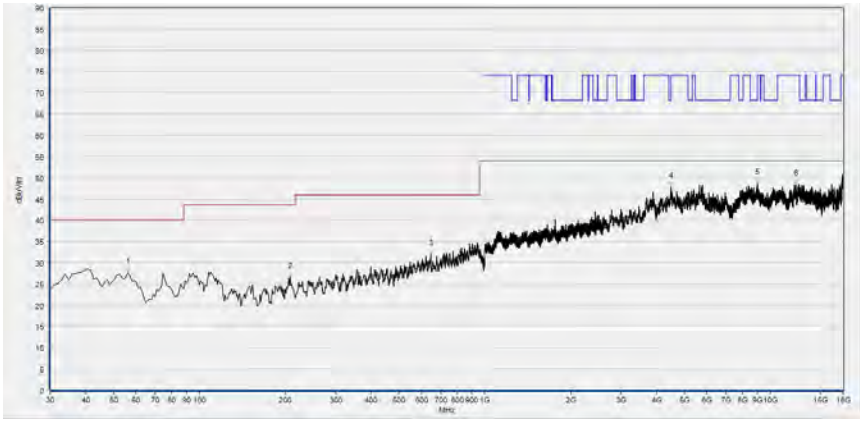
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
93.113	27.84	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
297.017	27.00	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
839.790	33.98	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5175.395	47.40	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9133.987	49.16	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12171.474	48.62	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

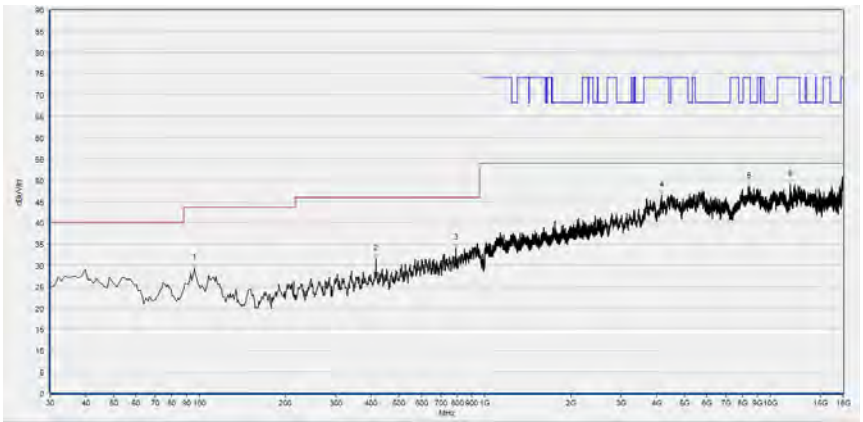
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 102



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
56.216	27.61	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
207.688	26.63	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
645.596	32.09	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4485.337	47.91	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
9013.843	48.85	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12285.457	48.39	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

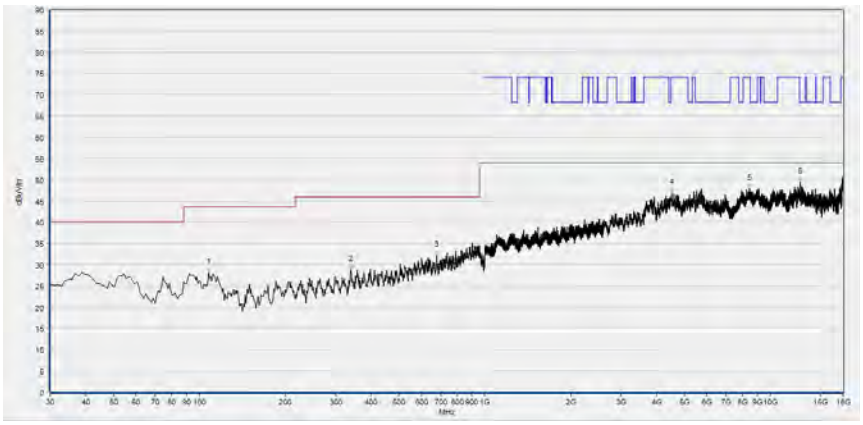
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
96.026	29.31	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
415.475	31.43	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
793.183	34.08	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4158.792	46.40	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8431.606	48.39	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
11749.430	48.99	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

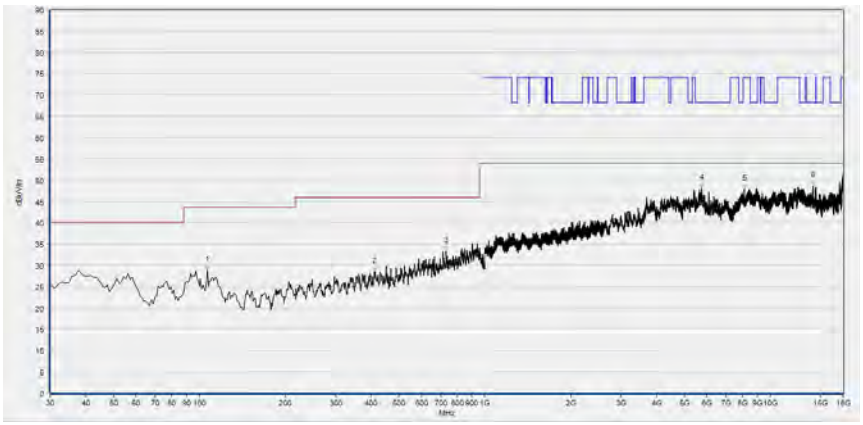
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 126



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
107.678	28.13	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
338.769	28.77	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
679.580	32.17	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4525.385	46.87	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8450.090	47.91	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12744.469	49.47	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

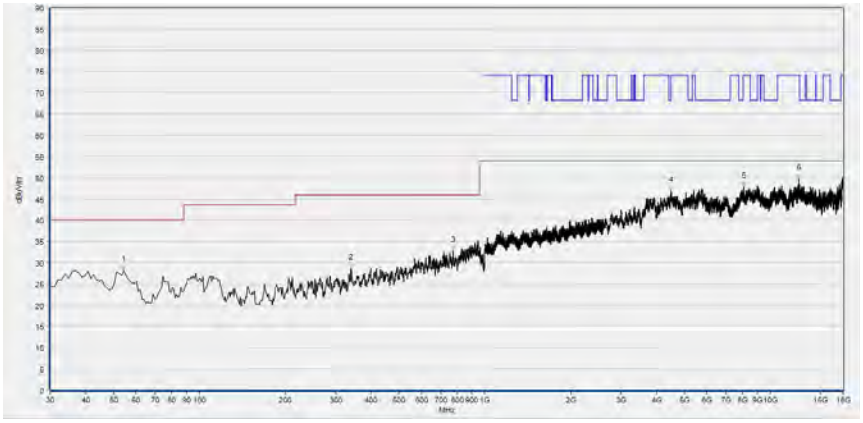
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
106.707	28.79	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
409.650	28.45	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
732.012	33.39	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5763.793	48.17	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8105.061	47.86	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
14090.698	48.56	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

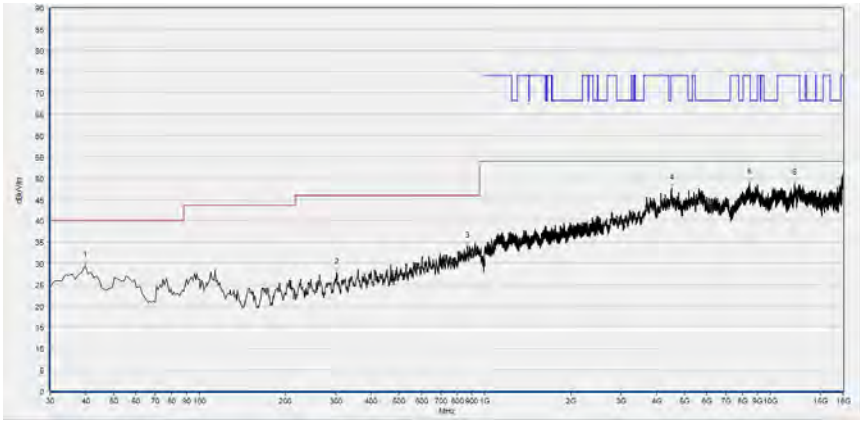
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 142



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
54.274	28.08	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
338.769	28.64	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
775.706	32.84	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4500.740	46.99	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8074.255	47.89	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12599.680	49.72	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

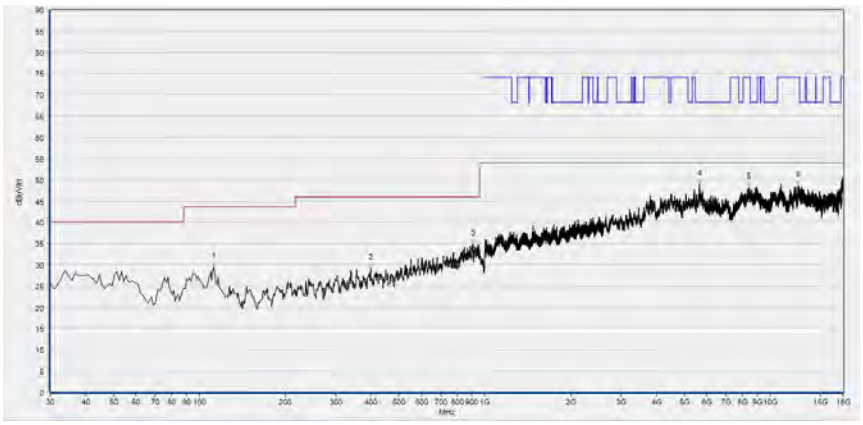
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
39.710	29.54	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
301.872	27.83	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
868.919	34.09	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4506.901	47.52	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8456.251	49.00	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12186.877	48.78	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

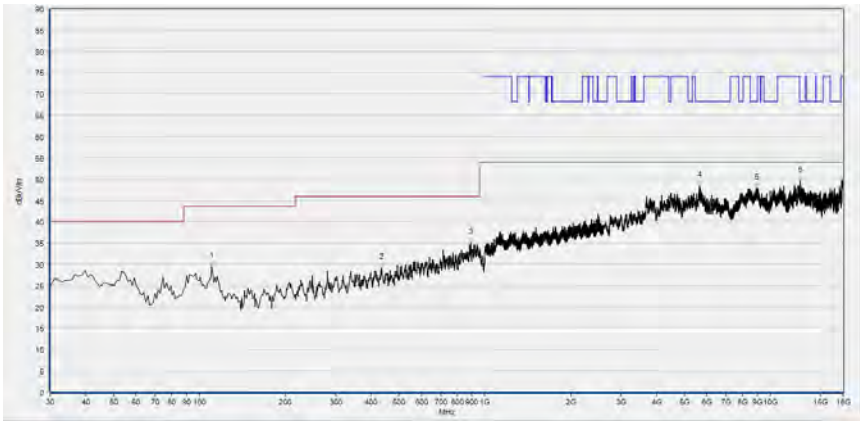
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 151



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
112.533	29.45	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
398.969	29.16	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
908.729	34.84	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5643.649	48.88	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8425.445	48.29	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12498.020	48.59	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

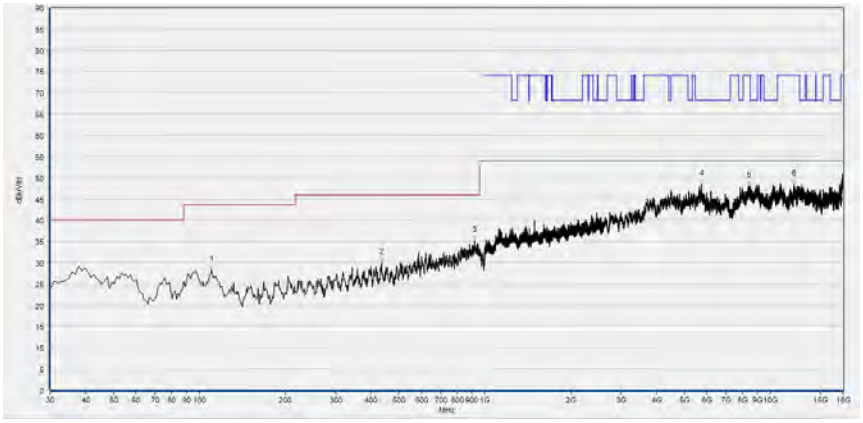
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
110.591	29.47	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
435.866	29.14	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
895.135	35.11	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5649.810	48.51	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8976.875	47.93	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12722.905	49.62	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

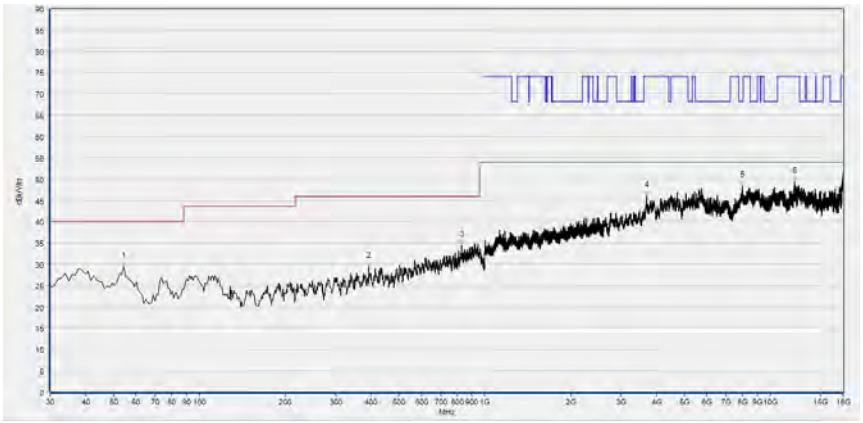
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 159



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
110.591	28.38	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
434.895	30.06	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
921.351	35.21	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5754.551	48.49	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8431.606	48.10	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12128.346	48.49	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

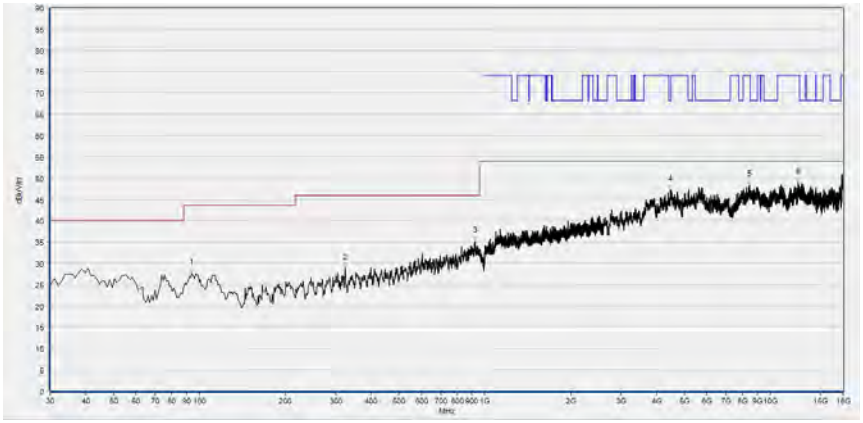


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
54.274	29.53	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
392.172	29.55	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
829.109	34.51	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
3684.377	46.03	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
7972.595	48.45	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12165.313	49.42	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

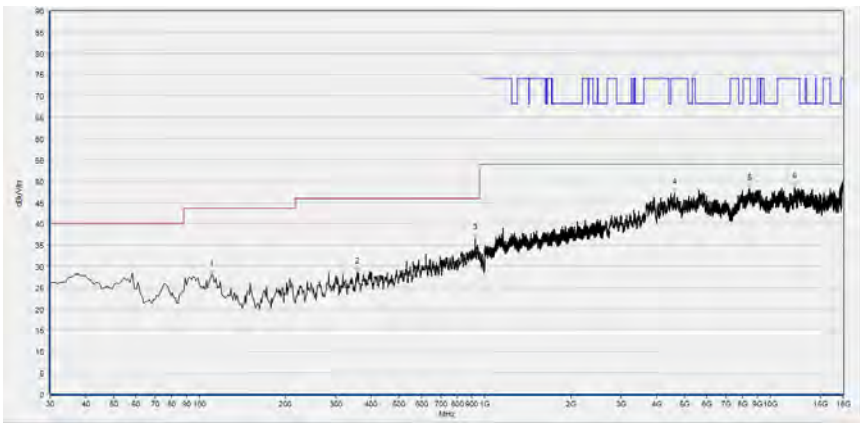
802.11ac (VHT80) Mode

Plot for Channel 42



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
94.084	27.62	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
324.204	28.77	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
924.264	35.17	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4473.015	47.25	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8440.848	48.37	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12513.423	48.88	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

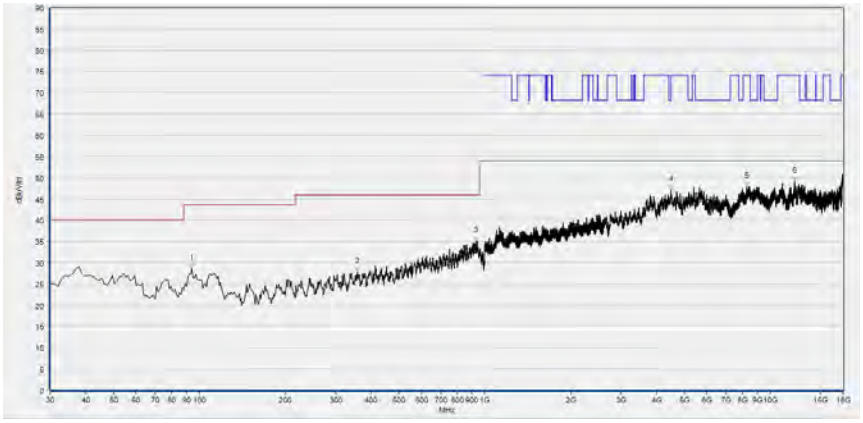
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
110.591	28.01	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
357.217	28.62	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
926.206	36.54	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4617.804	47.26	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8440.848	48.26	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12140.668	48.68	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

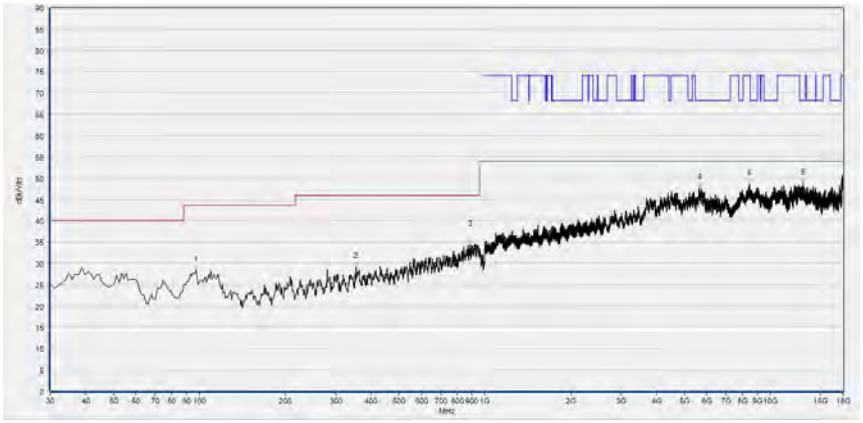
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 58



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
94.084	28.59	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
358.188	27.74	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
931.061	35.05	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4482.256	47.11	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8268.334	47.95	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12159.152	49.05	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

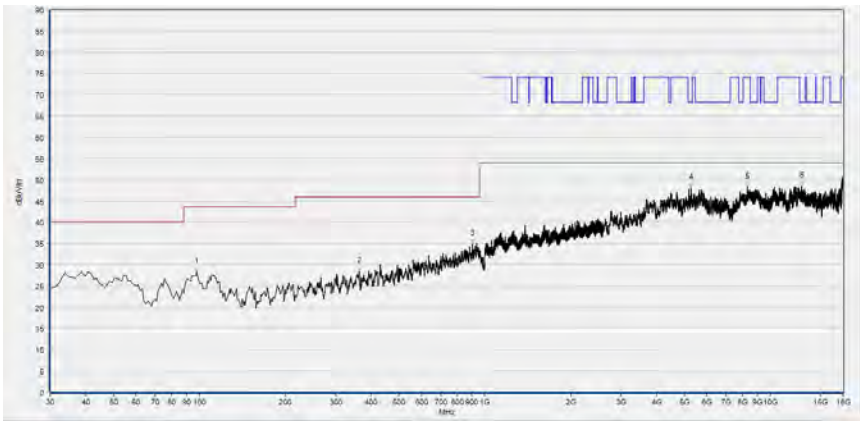
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
96.997	28.28	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
354.304	29.13	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
890.280	34.38	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5665.213	47.76	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8462.412	48.57	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
13037.127	48.75	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

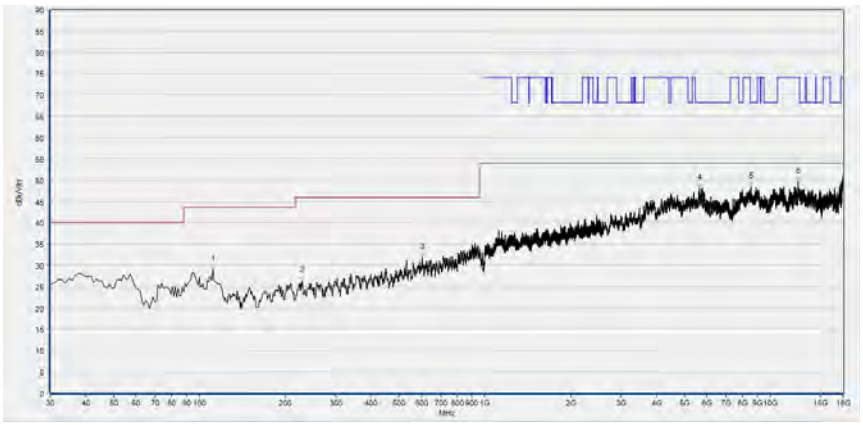
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 106



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
97.968	28.35	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
363.043	28.45	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
904.845	34.94	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5289.378	48.18	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8314.543	48.27	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12898.500	48.41	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

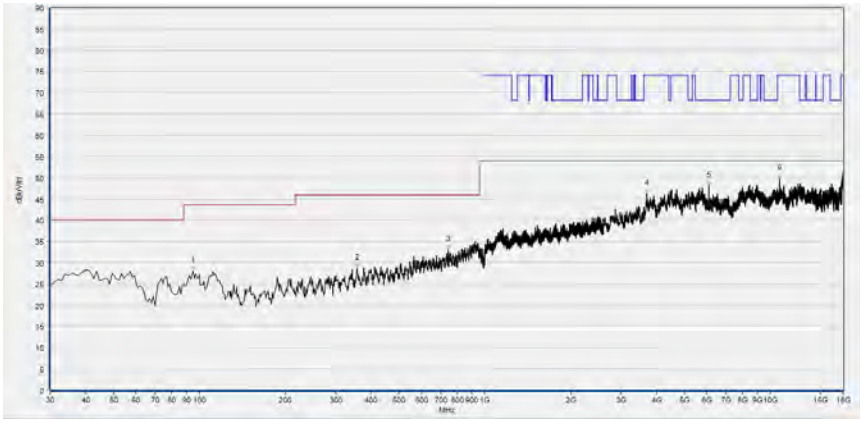
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
111.562	28.93	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
230.020	26.28	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
604.815	31.79	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5640.568	48.07	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8573.315	48.51	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12534.987	49.58	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

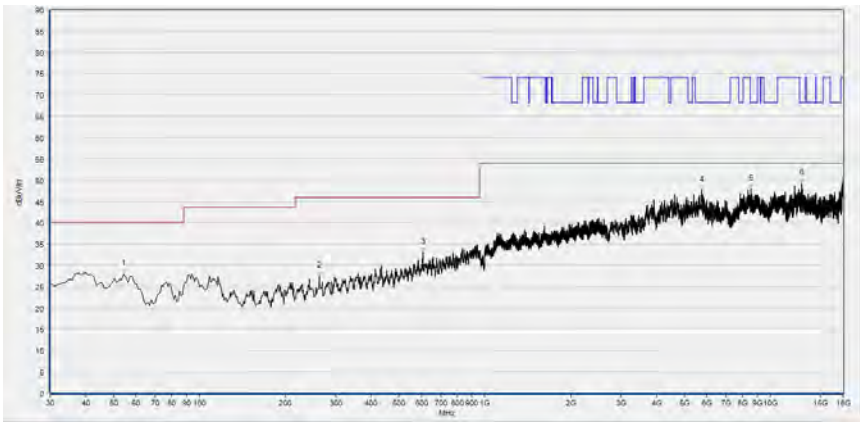
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 122



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
95.055	28.05	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
357.217	28.73	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
742.693	33.05	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
3699.780	46.25	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
6105.741	48.03	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10803.681	49.85	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

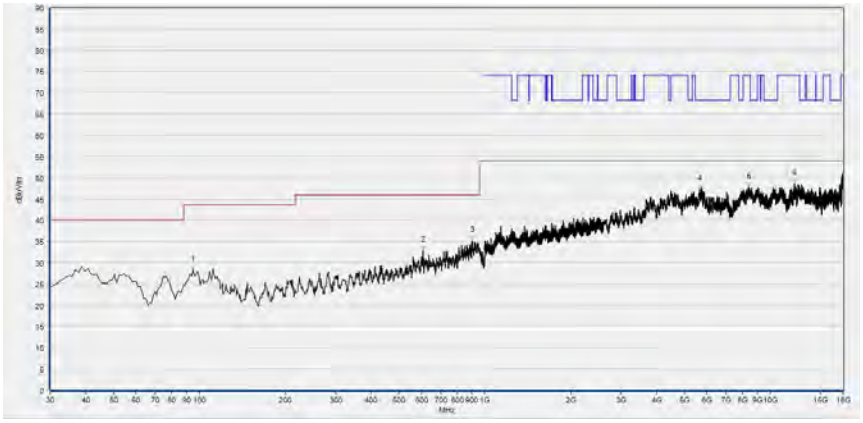
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
54.274	28.00	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
263.033	27.55	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
606.757	33.07	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5754.551	47.58	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8567.153	47.95	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12886.177	49.22	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

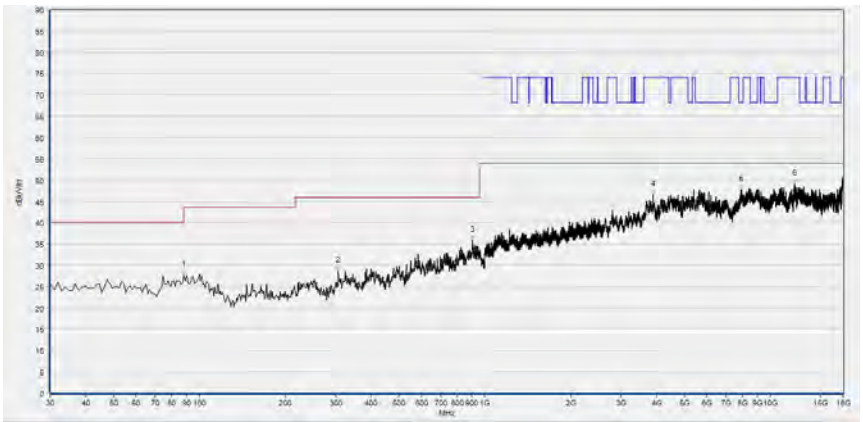
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 155



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
95.055	28.31	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
606.757	32.84	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
906.787	35.15	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5640.568	47.19	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8410.042	47.81	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12159.152	48.65	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
88.258	27.63	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
306.727	28.61	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
906.787	35.86	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
3884.617	46.53	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
7914.063	47.78	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12177.636	49.03	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Annex A Test Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for test performed on the EUT as specified in CISPR 16-1-2:

Test Items	Uncertainty
Peak Output Power	±2.22dB
Power Spectral Density	±2.22dB
Bandwidth	±5%
Restricted Frequency Bands	±5%
Radiated Emission	±2.95dB
Conducted Emission	±2.44dB

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

Annex B Testing Laboratory Information

1. Identification of the Responsible Testing Laboratory

Laboratory Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Laboratory Address:	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China
Telephone:	+86 755 36698555
Facsimile:	+86 755 36698525

2. Identification of the Responsible Testing Location

Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Address:	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China

3. Facilities and Accreditations

All measurement facilities used to collect the measurement data are located at FL.3, Building A, FeiYang Science Park, Block 67, BaoAn District, Shenzhen, 518101 P. R. China. The test site is constructed in conformance with the requirements of ANSI C63.10-2013and CISPR Publication 22; the FCC designation number is CN1192, the test firm registration number is 226174.

4. Test Equipments Utilized

4.1 Conducted Test Equipments

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Attenuator 1	N/A	10dB	Resnet	N/A	N/A
EXA Signal Analzyer	MY53470836	N9010A	Agilent	2021.03.25	2022.03.24
USB Wideband Power Sensor	MY54180008	U2021XA	Agilent	2021.03.25	2022.03.24
RF Cable (30MHz-26GHz)	CB01	RF01	Morlab	N/A	N/A
Coaxial Cable	CB02	RF02	Morlab	N/A	N/A
SMA Connector	CN01	RF03	HUBER-SUHNER	N/A	N/A
Temperature Chamber	12108015	DTL-003S101	YOMA	2020.10.26	2021.10.25

4.2 Conducted Emission Test Equipments

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Receiver	MY56400093	N9038A	KEYSIGHT	2021.03.09	2022.03.08
LISN	812744	NSLK 8127	Schwarzbeck	2021.03.09	2022.03.08
Pulse Limiter (10dB)	VTSD 9561 F-B #206	VTSD 9561-F	Schwarzbeck	2021.07.21	2022.07.20
Coaxial Cable(BNC) (30MHz-26GHz)	CB01	EMC01	Morlab	N/A	N/A

4.3 List of Software Used

Description	Manufacturer	Software Version
Test System	Tonscend	V2.5.77.0418
Morlab EMCR V1.2	Morlab	V1.0
TS+ -[JS32-CE]	Tonscend	V2.5.0.0

4.4Radiated Test Equipments

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Receiver	MY54130016	N9038A	Agilent	2021.07.16	2022.07.15
Test Antenna - Bi-Log	9163-519	VULB 9163	Schwarzbeck	2019.05.24	2022.05.23
Test Antenna - Horn	BBHA9170 #774	BBHA 9170	Schwarzbeck	2019.07.26	2022.07.25
Test Antenna - Loop	1519-022	FMZB1519	Schwarzbeck	2019.02.14	2022.02.13
Test Antenna - Horn	01774	BBHA 9120D	Schwarzbeck	2019.07.26	2022.07.25
Coaxial Cable (N male) (9KHz-30MHz)	CB04	EMC04	Morlab	N/A	N/A
Coaxial Cable (N male) (30MHz-26GHz)	CB02	EMC02	Morlab	N/A	N/A
Coaxial Cable (N male) (30MHz-26GHz)	CB03	EMC03	Morlab	N/A	N/A
Coaxial Cable (N male) (30MHz-40GHz)	CB05	EMC05	Morlab	N/A	N/A
1-18GHz pre-Amplifier	61171/61172	S020180L3203	Tonscend	2021.07.16	2022.07.15
18-26.5GHz pre-Amplifier	46732	S10M100L3802	Tonscend	2021.07.16	2022.07.15
26-40GHz pre-Amplifier	56774	S40M400L4002	Tonscend	2021.07.16	2022.07.15
Notch Filter	N/A	WRCG-5150-5350	Wainwright	2021.07.16	2022.07.15
Notch Filter	N/A	WRCG-5470-5725	Wainwright	2021.07.16	2022.07.15
Notch Filter	N/A	WRCG-5725-5850	Wainwright	2021.07.16	2022.07.15

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Anechoic Chamber	N/A	9m*6m*6m	CRT	2020.01.06	2023.01.05

END OF REPORT