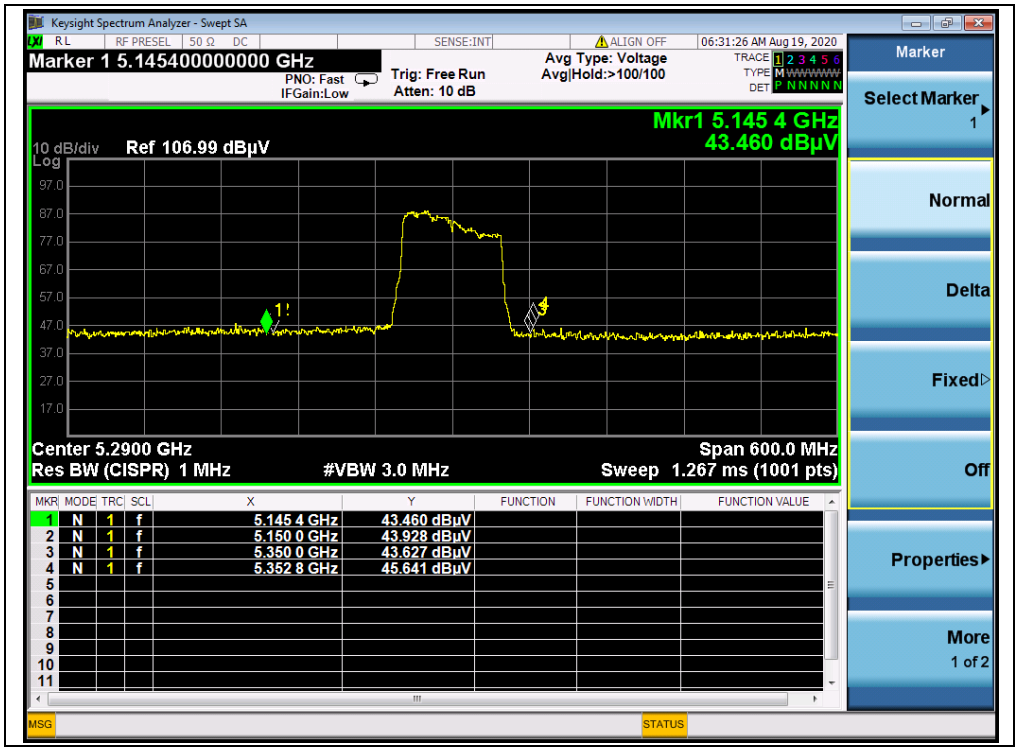
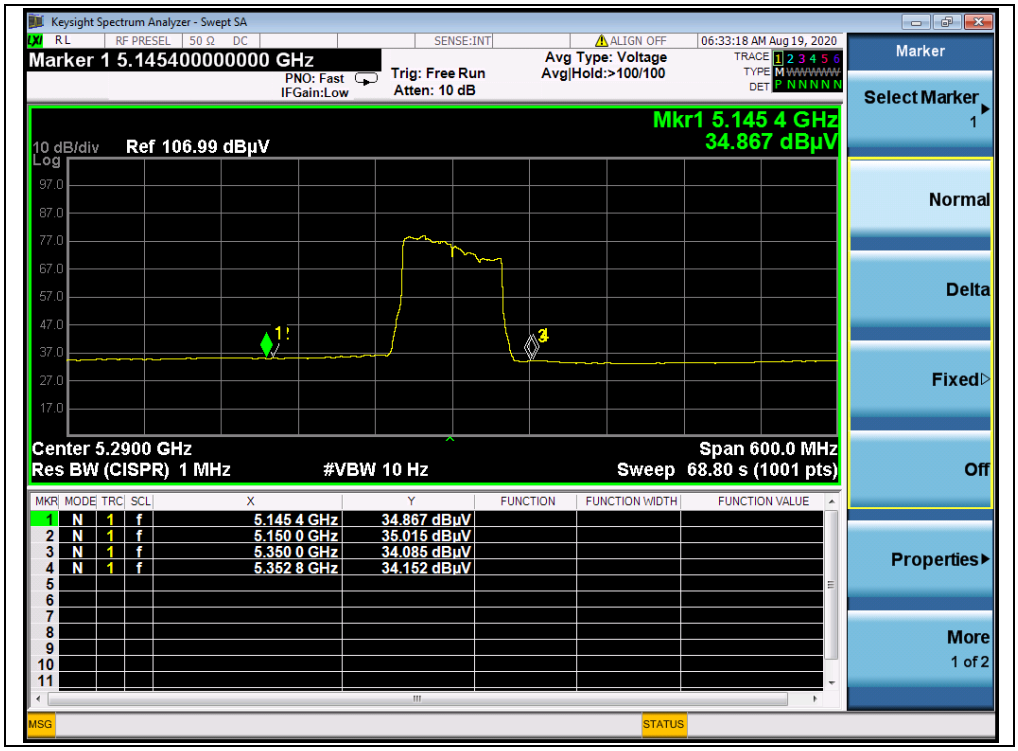
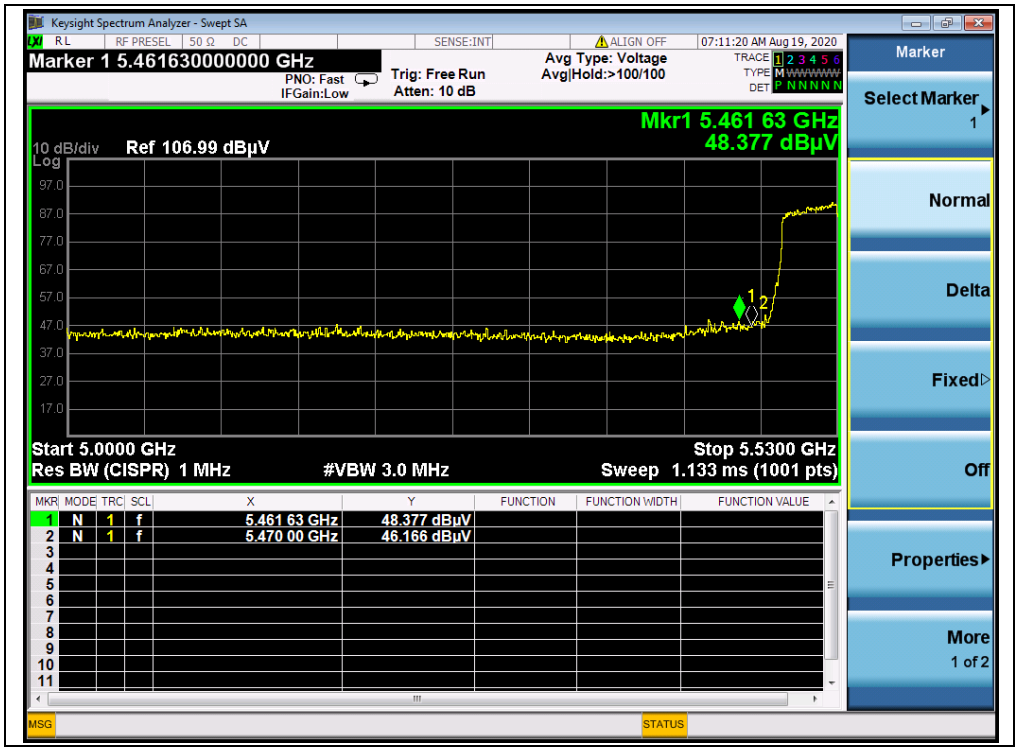


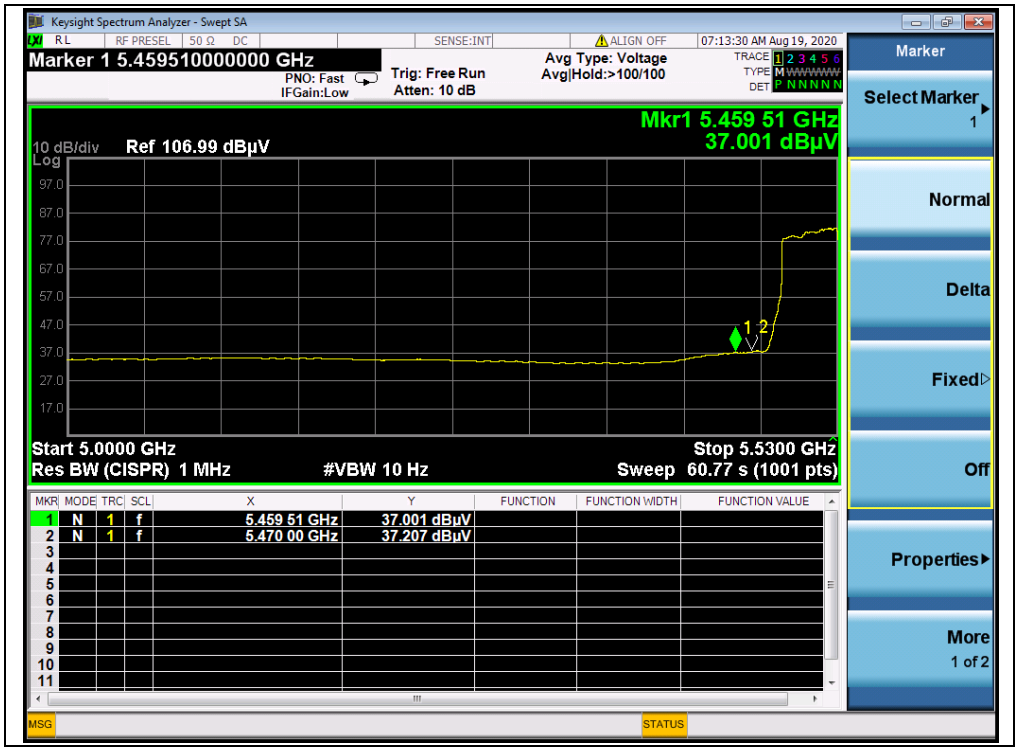
(PEAK, Channel 58, 802.11ac (VHT80))



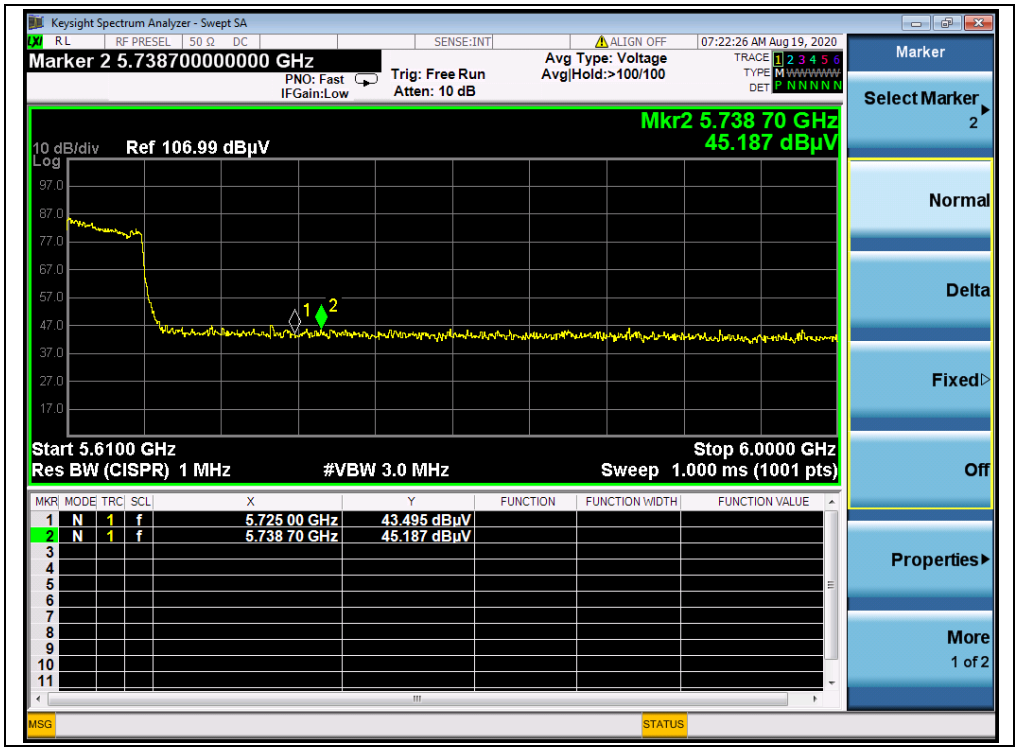
(AVERAGE, Channel 58, 802.11ac (VHT80))



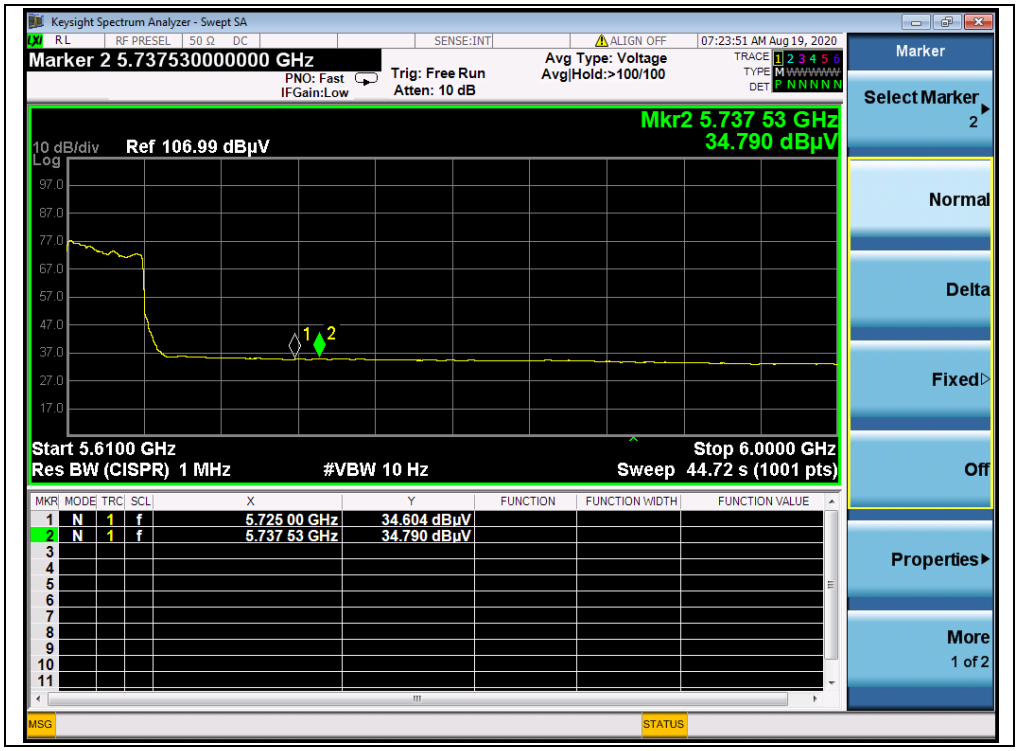
(PEAK, Channel 106, 802.11ac (VHT80))



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

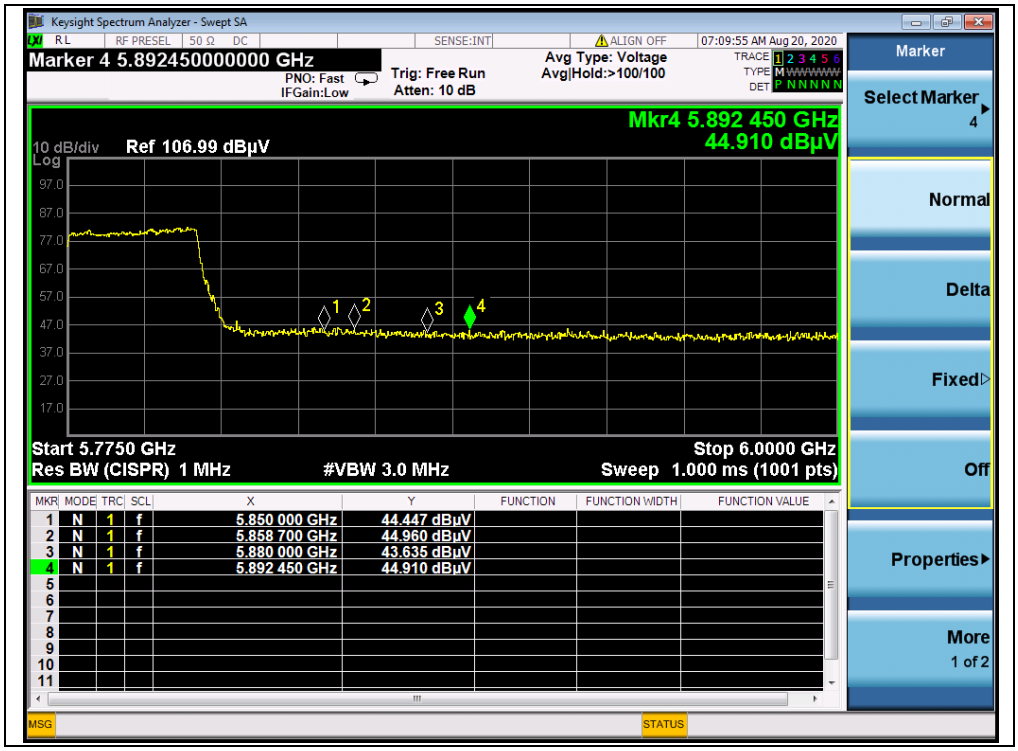


(PEAK, Channel 138, 802.11ac (VHT80))



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

(PEAK, Channel 155, 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(eirp) 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:

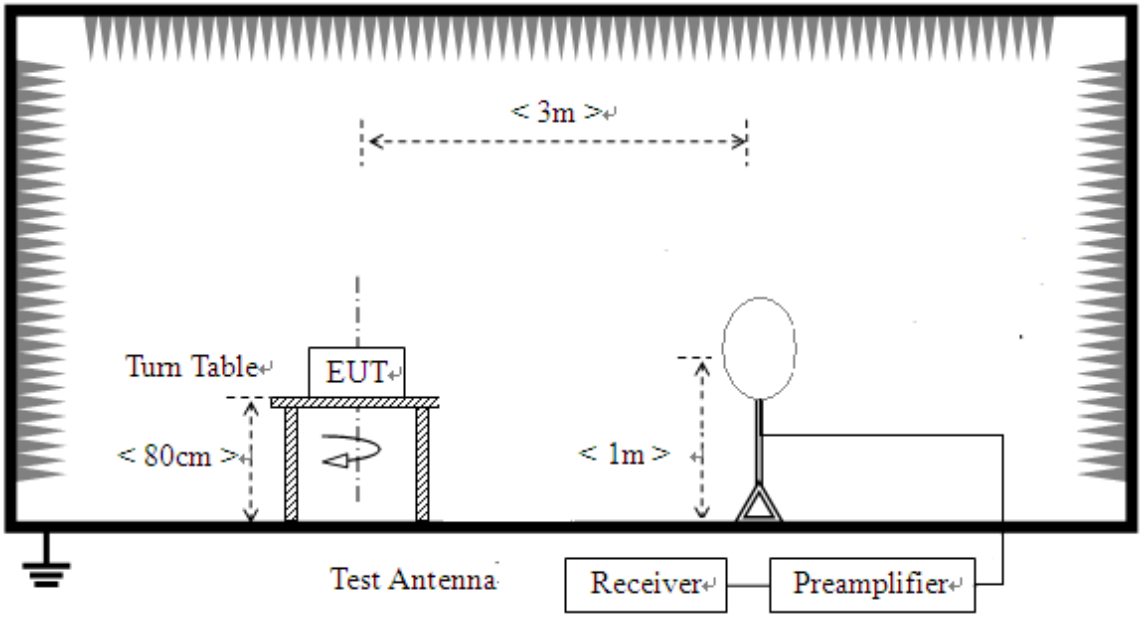
Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

Note: 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)

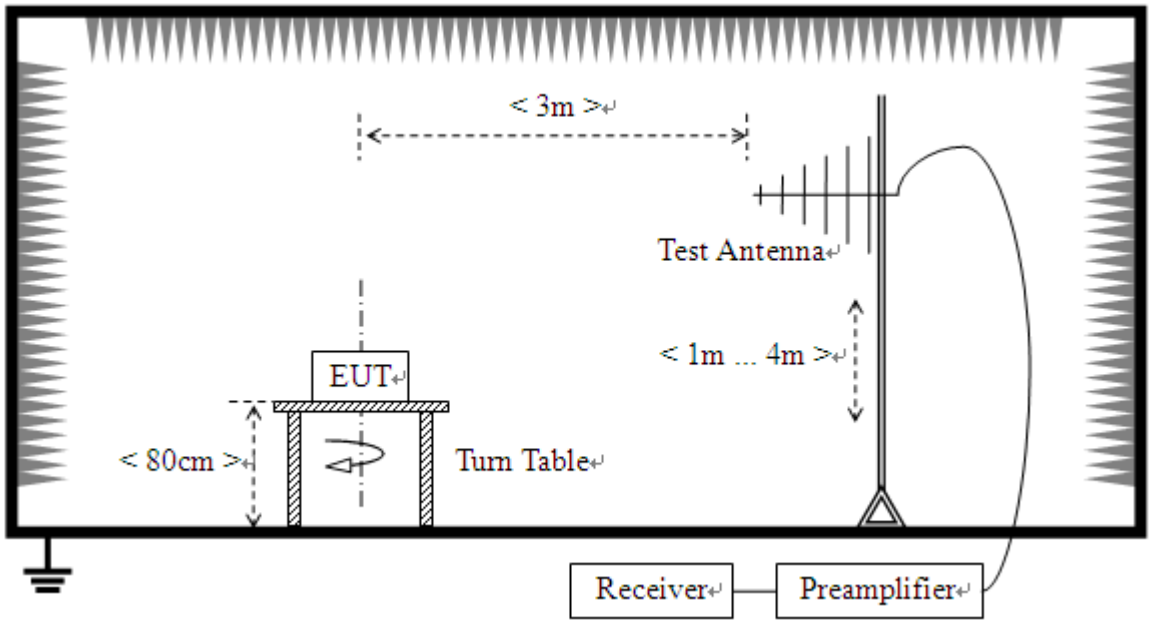
2.9.2.Test Description

Test Setup:

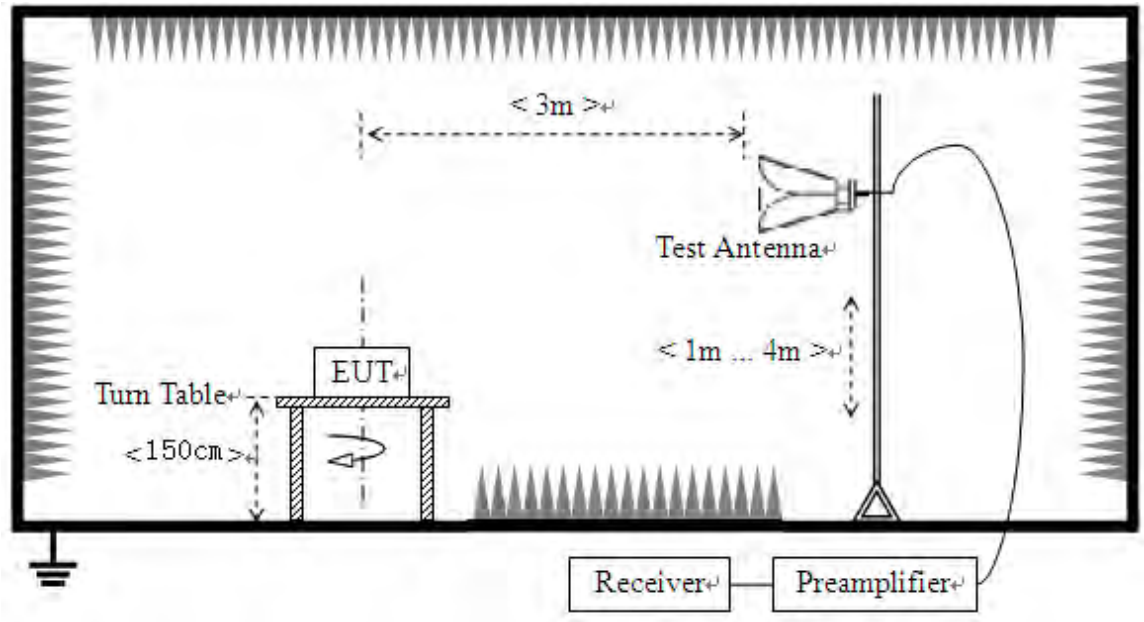
1) For radiated emissions from 9kHz to 30MHz



2) For radiated emissions from 30MHz to1GHz



3) For radiated emissions above 1GHz



The RF absorbing material used on the reference ground plane and on the turntable have a maximum height (thickness) of 30 cm (12 in) and have a minimum-rated attenuation of 20 dB at all frequencies from 1 GHz to 18 GHz.

The test site semi-anechoic chamber has met the requirement of NSA tolerance 4dB according to the standards: ANSI C63.10 (2013). For radiated emissions below or equal to 1GHz, The EUT was set-up on insulator 80cm above the Ground Plane, For radiated emissions above 1GHz, The EUT

was set-up on insulator 150cm above the Ground Plane. The set-up and test methods were according to ANSI C63.10

For the radiated emission test above 1GHz:

Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.

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

For the Test Antenna:

(a) In the frequency range of 9kHz to 30MHz, magnetic field is measured with Loop Test Antenna. The Test Antenna is positioned with its plane vertical at 1m distance from the EUT. The center of the Loop Test Antenna is 1m above the ground. During the measurement the Loop Test Antenna rotates about its vertical axis for maximum response at each azimuth about the EUT.
(b) In the frequency range above 30MHz, Bi-Log Test Antenna (30MHz to 1GHz) and Horn Test Antenna (above 1GHz) are used. Place the test antenna at 3m away from area of the EUT, while keeping the test antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The test antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final test antenna elevation shall be that which maximizes the emissions. The test antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane. The emission levels at both horizontal and vertical polarizations should be tested.

2.9.3.Test Result

According to ANSI C63.4 selection 4.2.2, 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 limit, it is unnecessary to perform an quasi-peak measurement.

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.

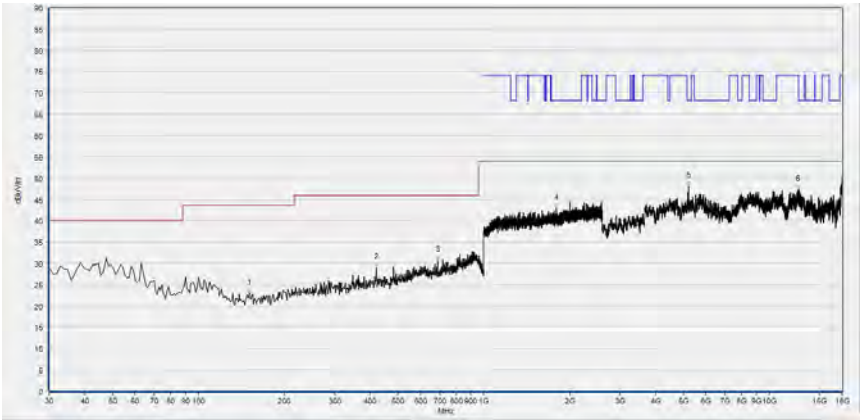
Note 2: For the frequency, which started from 9kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

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.

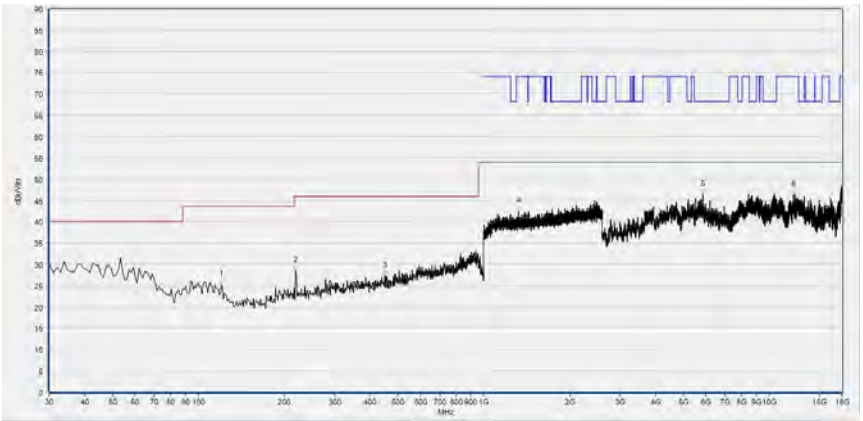
802.11a Mode

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
150.400	22.90	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
420.330	29.04	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
688.318	30.68	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1796.532	42.94	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5215.443	48.02	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12615.083	47.24	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

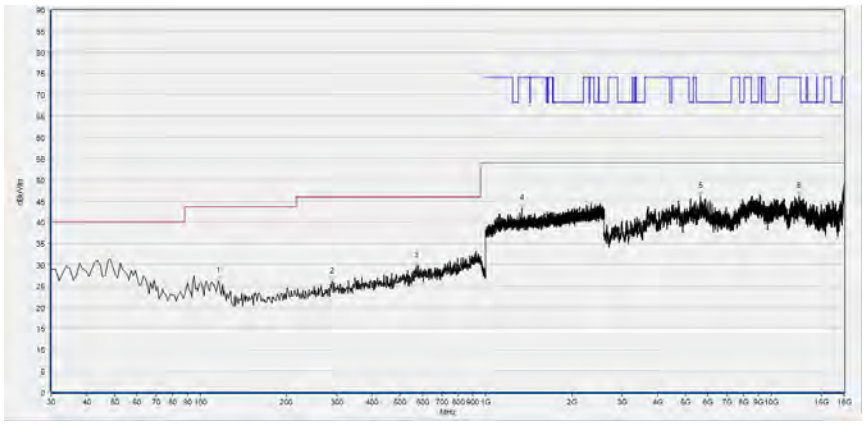
(Antenna Horizontal, 30MHz to 18GHz)



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
120.300	25.18	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	28.57	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
450.430	27.33	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1325.442	42.47	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5853.131	46.38	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12146.829	46.31	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

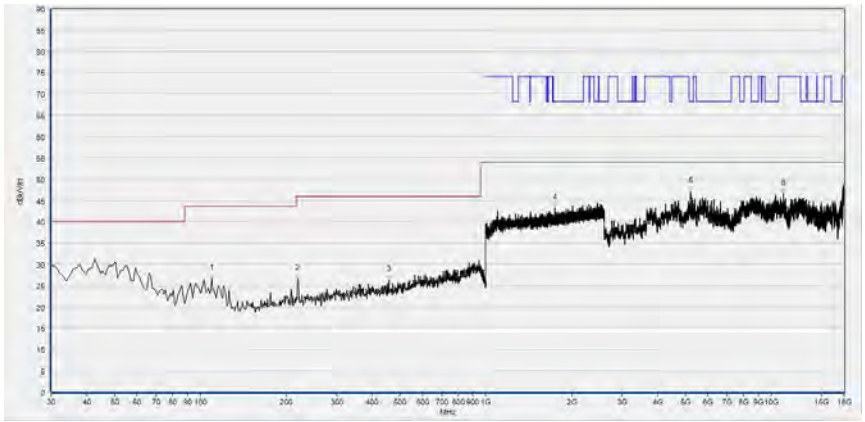
(Antenna Vertical, 30MHz to 18GHz)

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
115.445	26.09	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
289.249	26.00	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
571.802	29.66	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1334.512	43.20	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5659.052	46.08	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12513.423	46.17	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

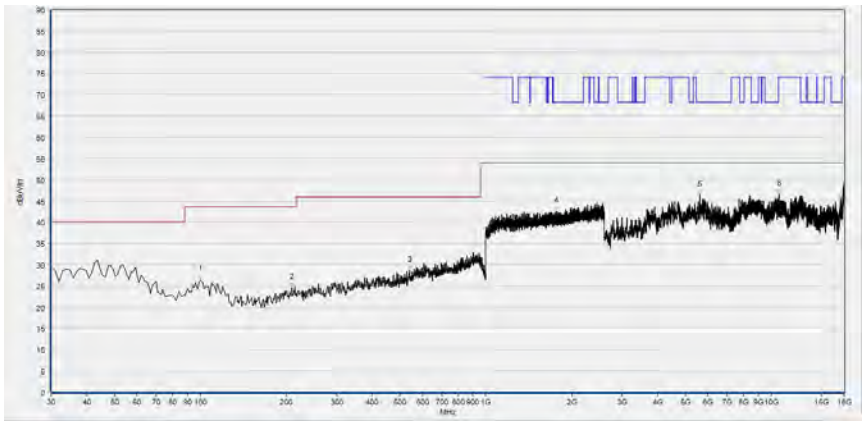
(Antenna Horizontal, 30MHz to 18GHz)



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
109.620	26.71	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	26.64	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
458.198	26.27	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1749.050	43.16	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5218.524	47.08	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11028.566	46.52	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

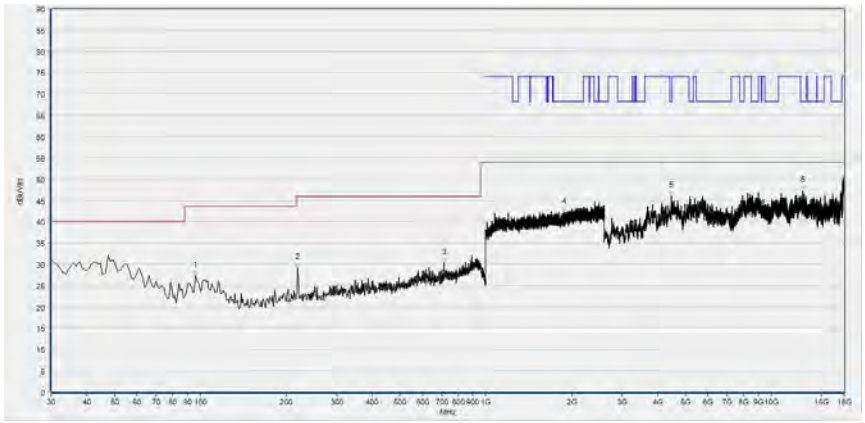
(Antenna Vertical, 30MHz to 18GHz)

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
99.910	26.53	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
208.659	24.70	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
540.731	28.58	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1766.656	42.53	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5628.246	46.38	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10674.295	46.67	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

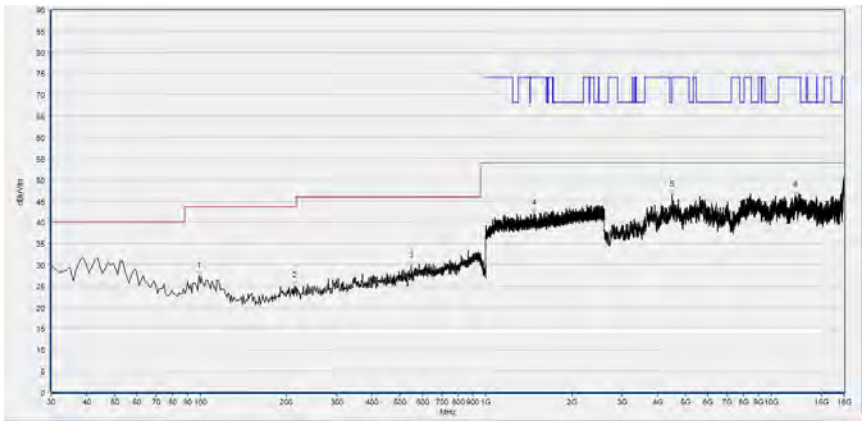
(Antenna Horizontal, 30MHz to 18GHz)



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	27.31	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	29.11	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
714.535	30.29	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1878.693	42.18	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4473.015	46.10	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12886.177	47.30	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

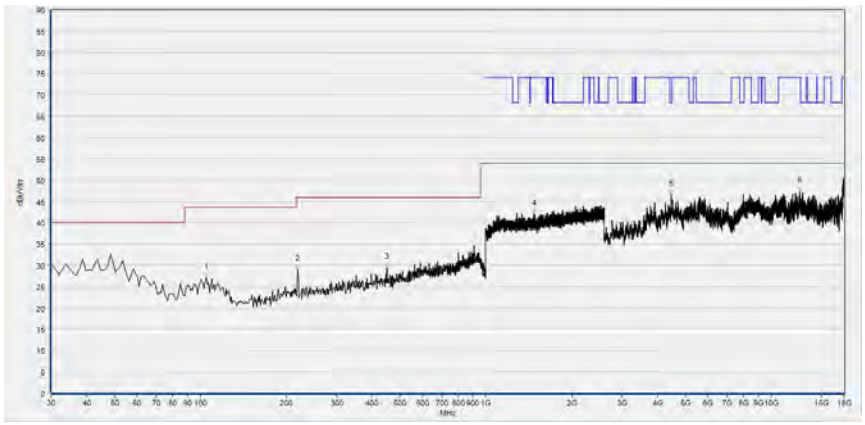
(Antenna Vertical, 30MHz to 18GHz)

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
98.939	27.30	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
213.514	24.93	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
547.528	29.70	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1474.291	41.98	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4500.740	46.37	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12189.958	46.28	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

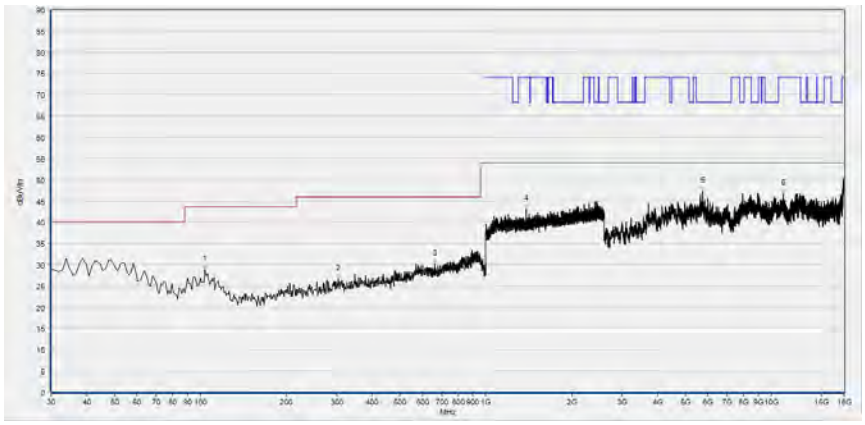
(Antenna Horizontal, 30MHz to 18GHz)



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
104.765	27.11	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	29.07	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
451.401	29.57	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1474.291	42.03	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4469.934	46.54	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12605.841	47.35	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

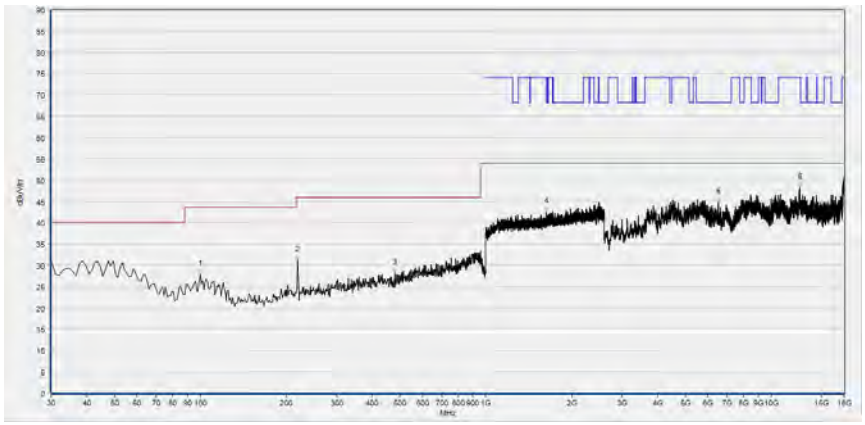
(Antenna Vertical, 30MHz to 18GHz)

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
103.794	28.90	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
303.814	26.66	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
661.131	30.12	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1386.796	43.07	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5754.551	47.22	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11050.130	46.73	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

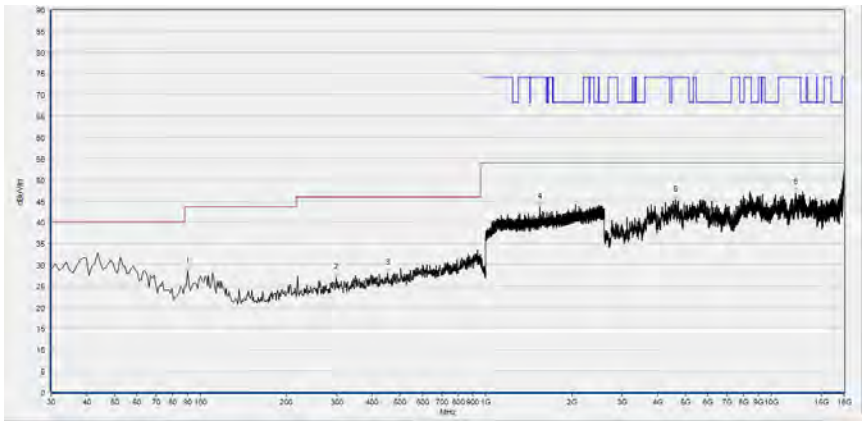
(Antenna Horizontal, 30MHz to 18GHz)



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
99.910	27.84	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	31.15	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
480.531	28.11	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1627.409	42.54	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
6543.189	44.74	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12581.196	48.20	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

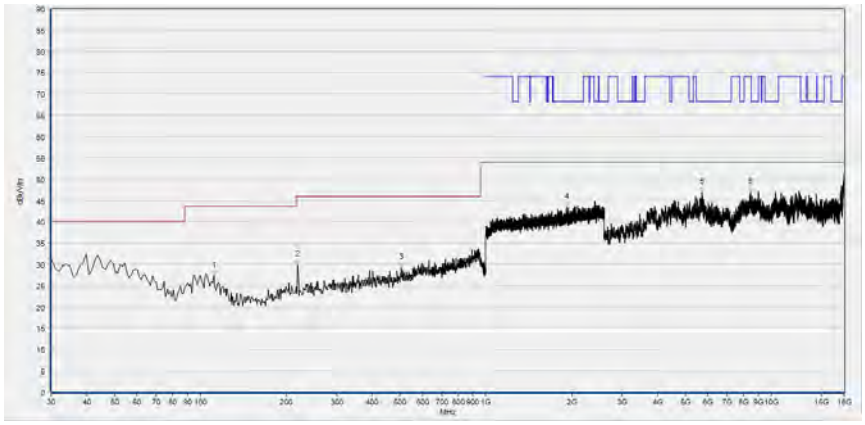
(Antenna Vertical, 30MHz to 18GHz)

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
90.200	28.41	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
298.959	26.98	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
452.372	27.98	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1544.715	43.55	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4627.045	45.21	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12143.749	46.90	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

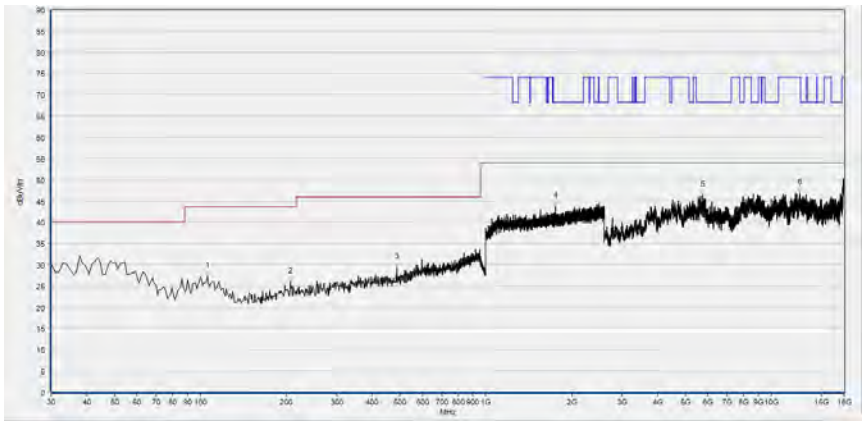
(Antenna Horizontal, 30MHz to 18GHz)



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	27.24	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	29.81	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
504.805	29.21	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1918.706	43.34	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5726.825	46.90	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8440.848	46.93	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

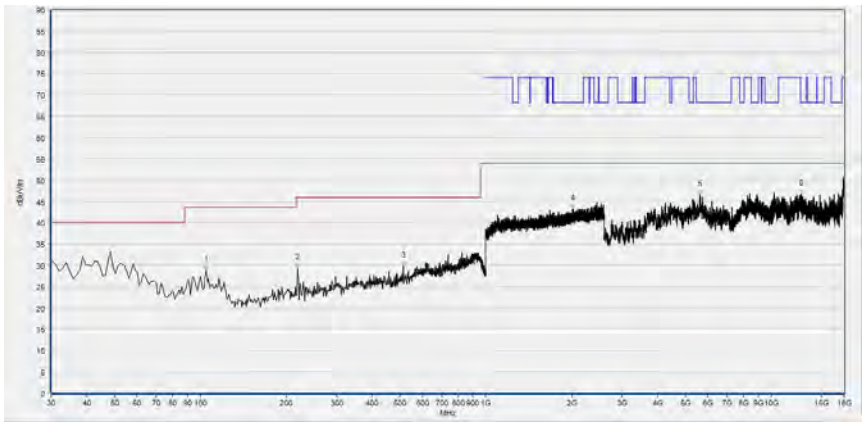
(Antenna Vertical, 30MHz to 18GHz)

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
105.736	27.30	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
206.717	26.06	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
488.298	29.25	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1751.184	43.69	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5757.632	46.39	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12618.164	47.00	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

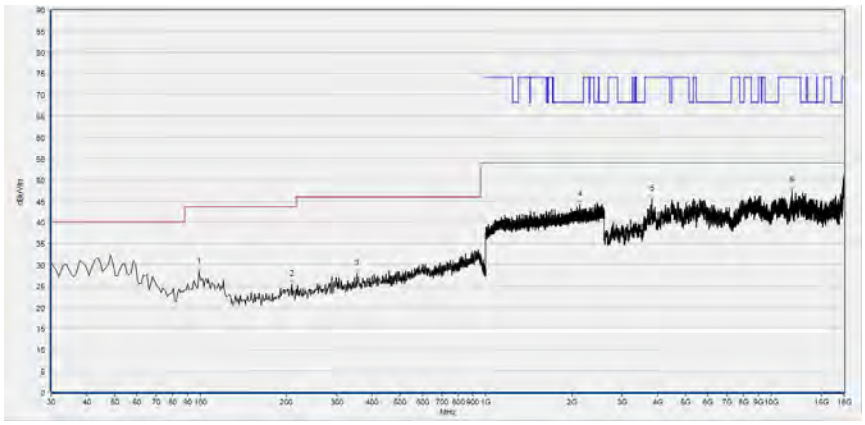
(Antenna Horizontal, 30MHz to 18GHz)



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
104.765	28.84	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	29.31	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
514.515	29.87	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2019.540	43.23	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5628.246	46.59	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12750.630	46.68	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

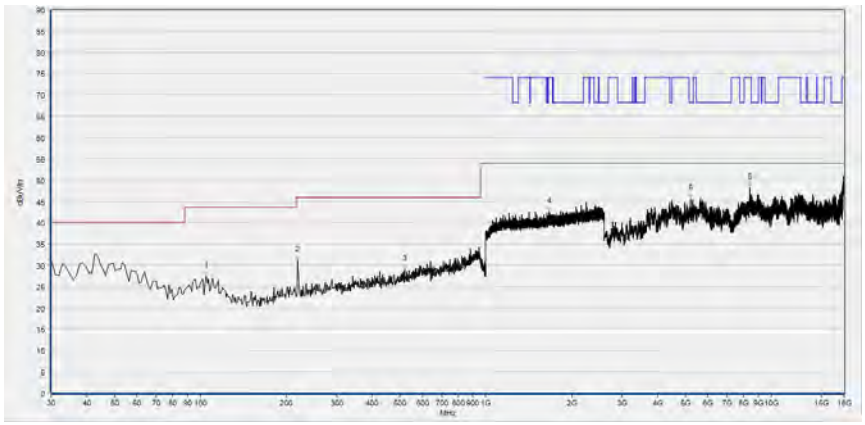
(Antenna Vertical, 30MHz to 18GHz)

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
98.939	28.32	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
209.630	25.25	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
353.333	27.78	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2138.513	44.03	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
3810.682	45.41	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
11851.090	47.48	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

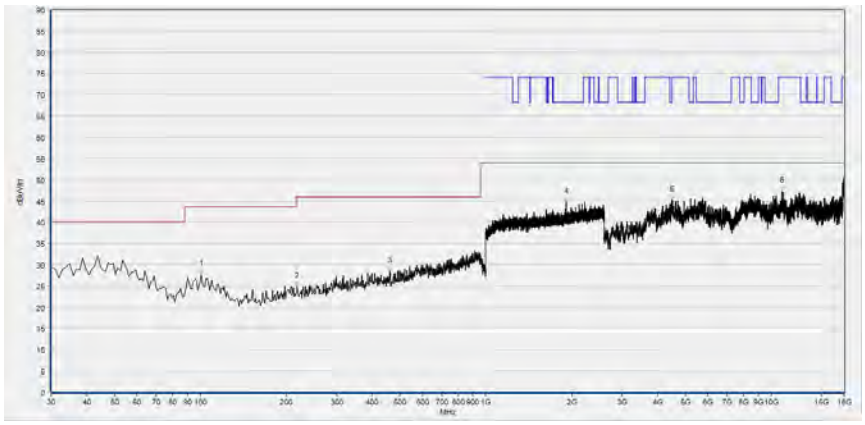
(Antenna Horizontal, 30MHz to 18GHz)



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
104.765	27.51	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	31.11	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
520.340	29.08	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1662.621	42.62	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5227.766	45.65	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8397.720	48.20	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

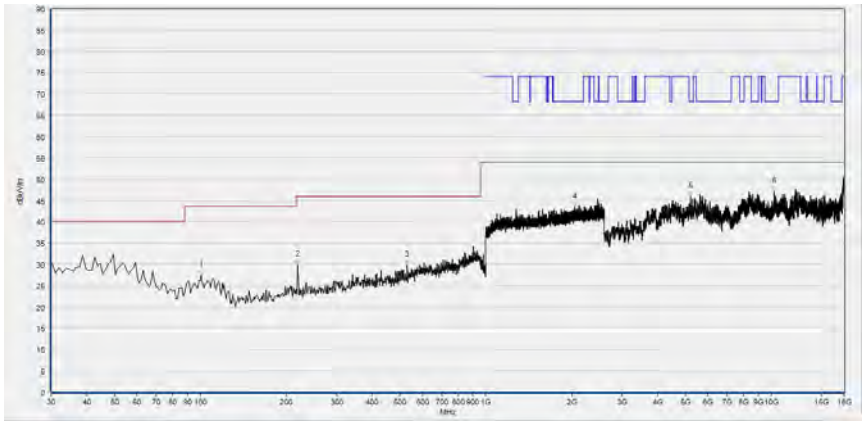
(Antenna Vertical, 30MHz to 18GHz)

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
100.881	27.59	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
218.368	24.76	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
460.140	28.51	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1909.637	44.83	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4482.256	45.30	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10871.454	47.21	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

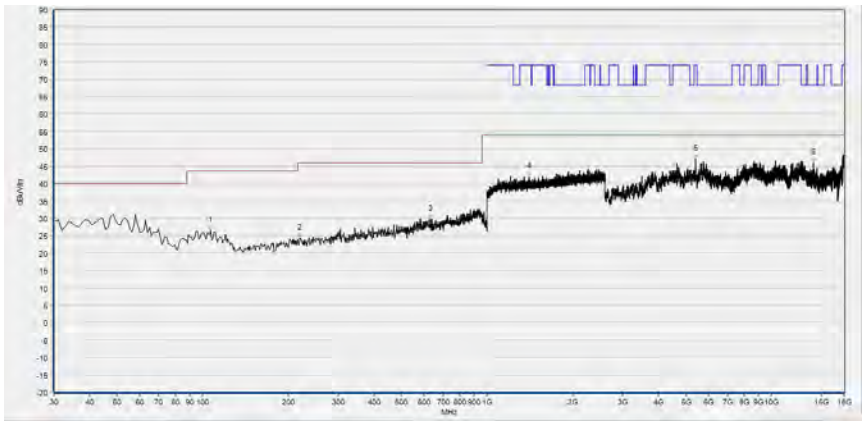
(Antenna Horizontal, 30MHz to 18GHz)



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
100.881	27.56	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	29.77	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
530.050	29.81	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2046.215	43.44	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5212.362	45.91	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10218.364	47.11	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

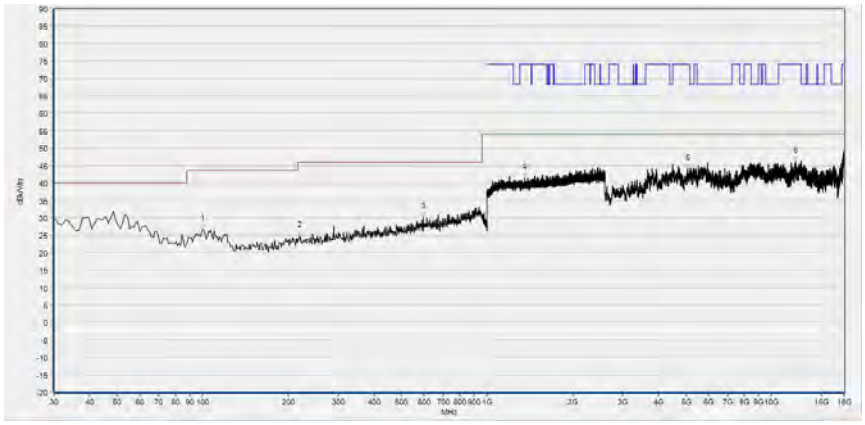
(Antenna Vertical, 30MHz to 18GHz)

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
106.707	26.44	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
219.339	24.15	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
632.002	29.73	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1403.868	41.96	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5400.280	46.90	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
14026.005	45.88	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

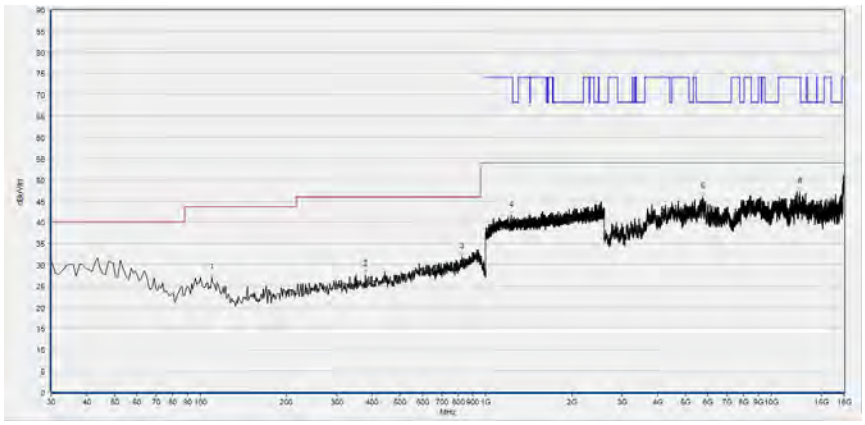
(Antenna Horizontal, 30MHz to 18GHz)



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
99.910	26.64	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	24.89	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
597.047	30.24	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1354.785	41.55	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5076.815	44.07	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12162.232	46.24	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

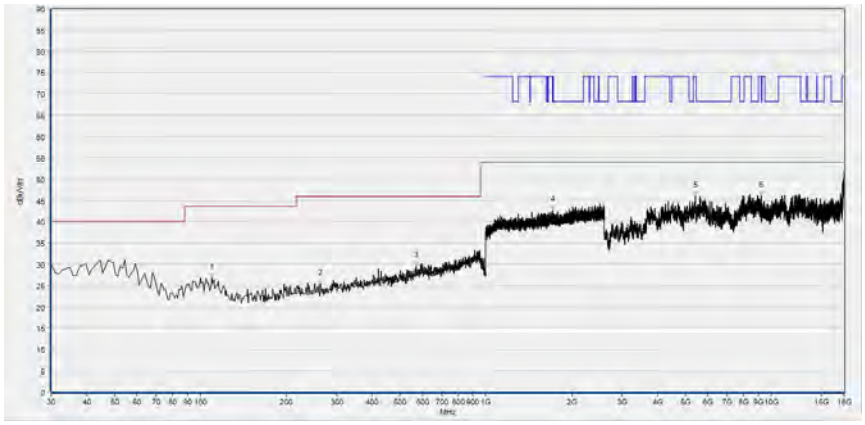
(Antenna Vertical, 30MHz to 18GHz)

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
109.620	26.91	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
378.579	27.71	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
826.196	31.90	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1226.742	41.54	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5754.551	45.91	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12593.519	47.08	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

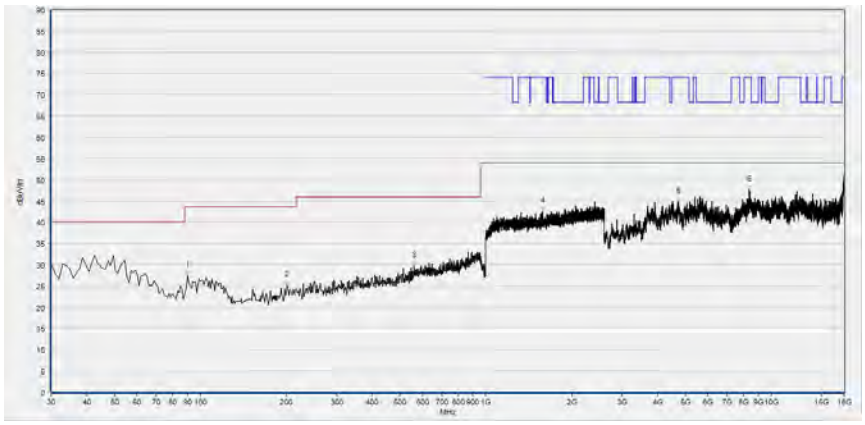
(Antenna Horizontal, 30MHz to 18GHz)



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
109.620	26.75	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
264.004	25.52	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
569.860	29.67	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1718.640	42.75	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5415.683	46.15	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
9226.405	46.06	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

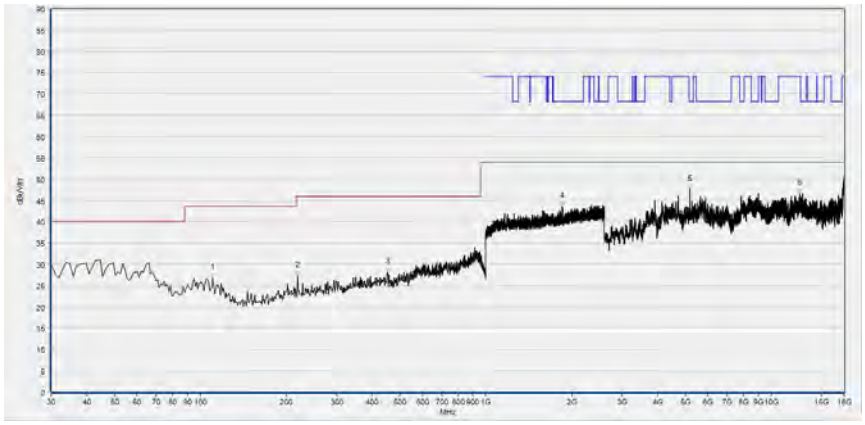
(Antenna Vertical, 30MHz to 18GHz)

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
90.200	27.41	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
200.891	25.18	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
560.150	29.69	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1583.661	42.51	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4716.383	44.81	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8351.510	47.59	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

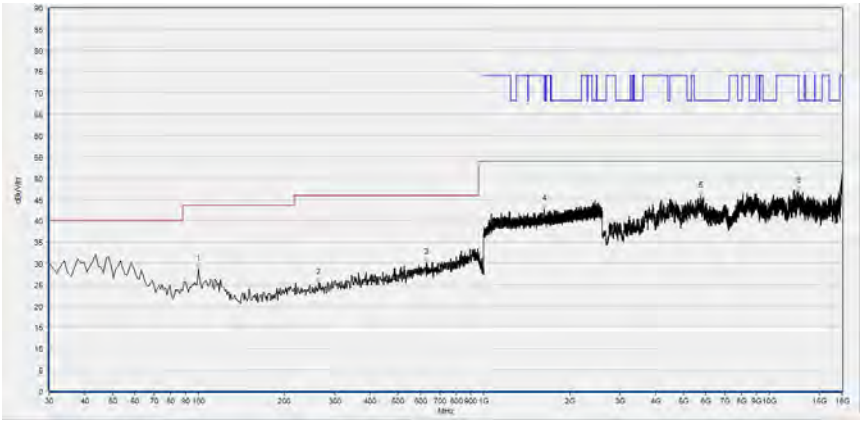


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
110.591	26.79	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	27.36	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
453.343	28.19	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1853.084	43.61	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5178.476	47.53	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12556.551	46.58	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

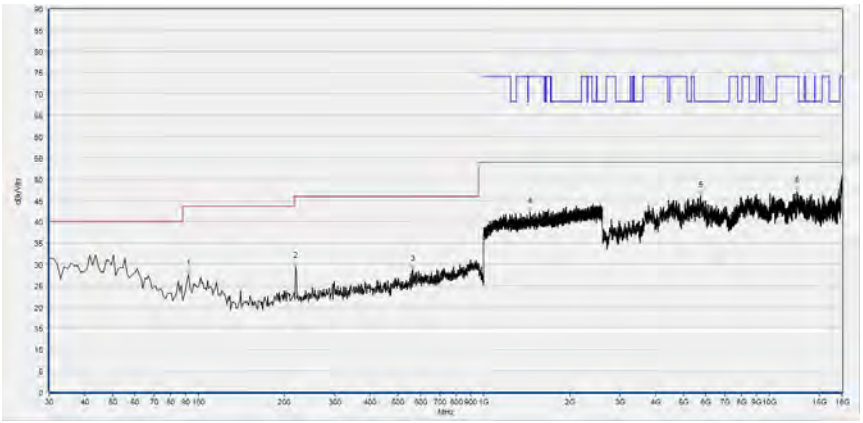
802.11ac (VHT40) mode

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
99.910	28.66	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
264.004	25.53	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
629.089	30.13	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1629.010	42.82	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5766.873	45.73	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12676.695	46.99	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

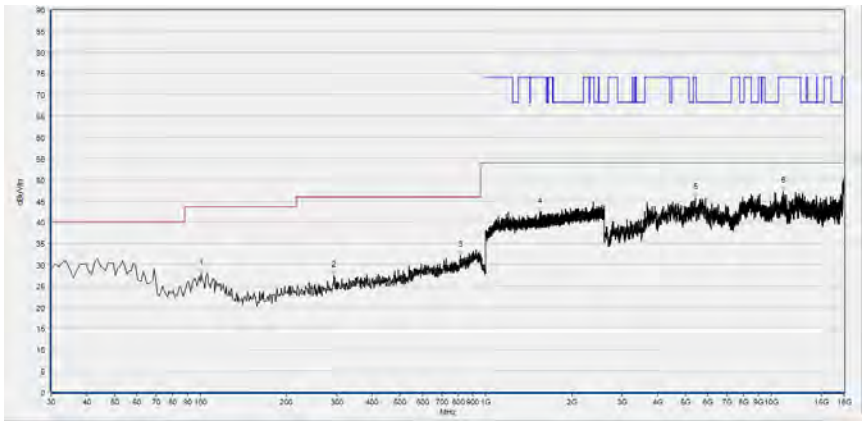
(Antenna Horizontal, 30MHz to 18GHz)



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
92.142	27.69	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	29.47	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
565.005	28.74	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1454.018	42.19	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5760.712	46.06	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12516.503	47.09	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

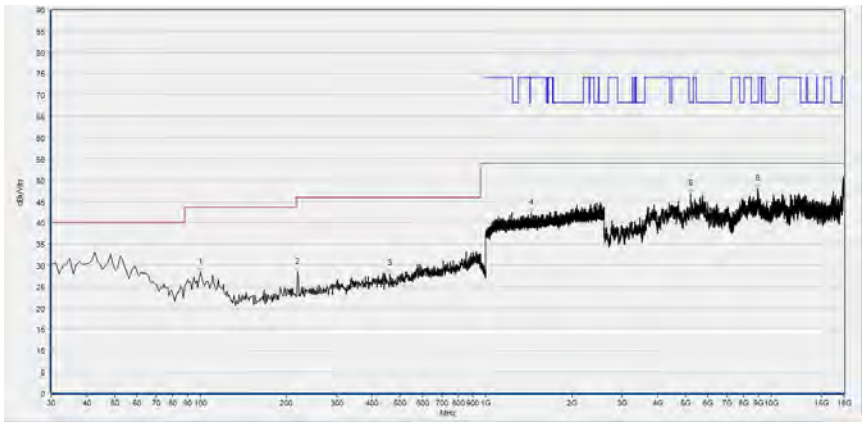
(Antenna Vertical, 30MHz to 18GHz)

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
100.881	27.81	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
293.133	27.53	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
815.516	32.19	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1549.517	42.37	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5415.683	45.72	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
10997.760	47.33	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

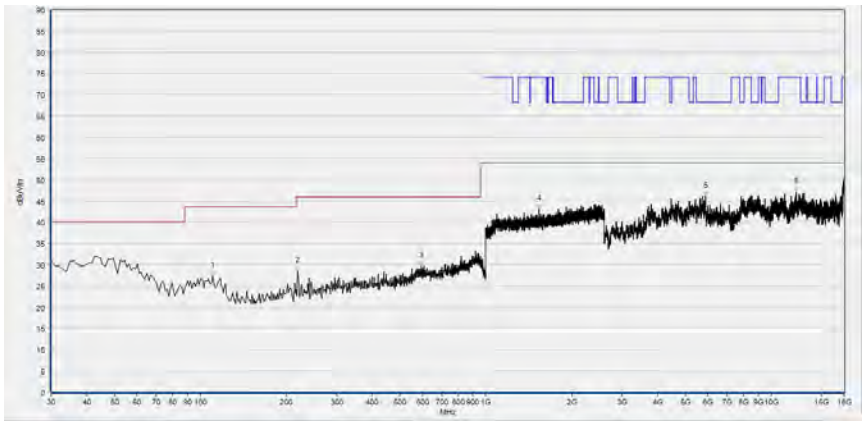
(Antenna Horizontal, 30MHz to 18GHz)



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
99.910	28.35	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	28.30	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
460.140	27.92	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1440.147	42.21	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5227.766	46.80	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8964.553	47.98	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

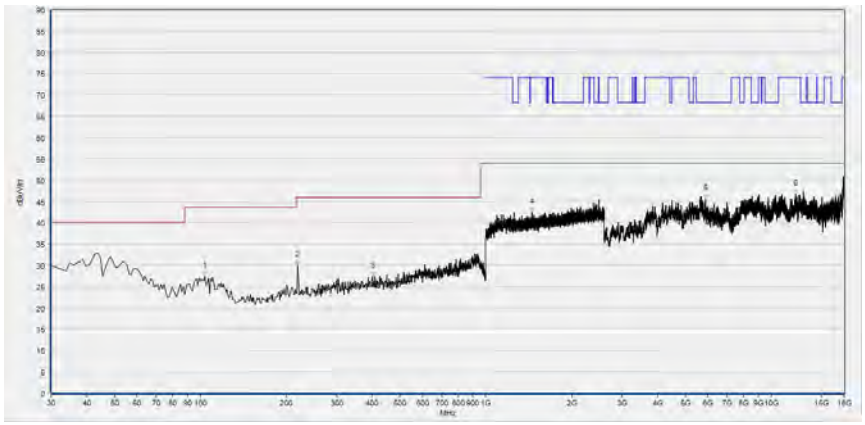
(Antenna Vertical, 30MHz to 18GHz)

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
110.591	27.34	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
219.339	28.49	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
595.105	29.66	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1532.444	43.05	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5877.776	46.03	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12208.442	47.16	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

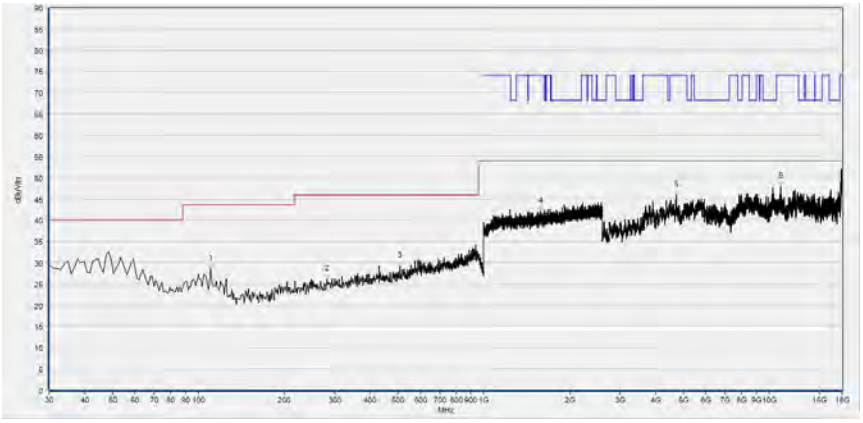
(Antenna Horizontal, 30MHz to 18GHz)



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
103.794	27.43	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	30.07	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
400.911	27.28	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1454.552	42.42	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5874.695	45.56	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12143.749	46.70	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

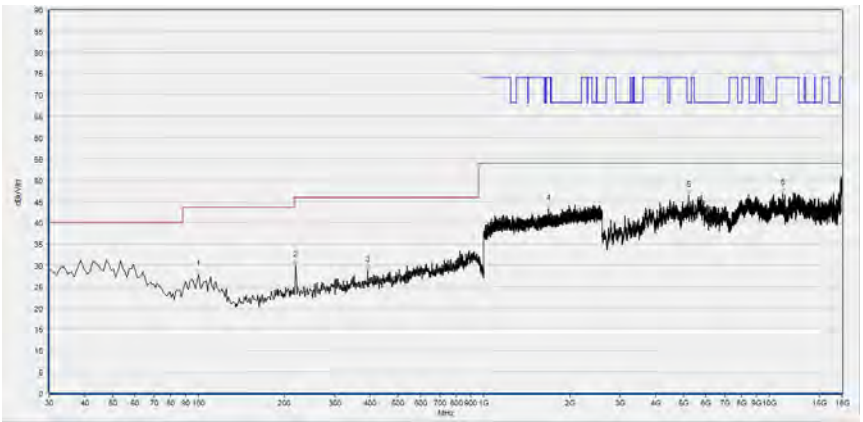
(Antenna Vertical, 30MHz to 18GHz)

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
110.591	28.48	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
282.452	26.22	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
508.689	29.16	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1583.128	42.01	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4725.625	45.94	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
10973.115	47.96	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

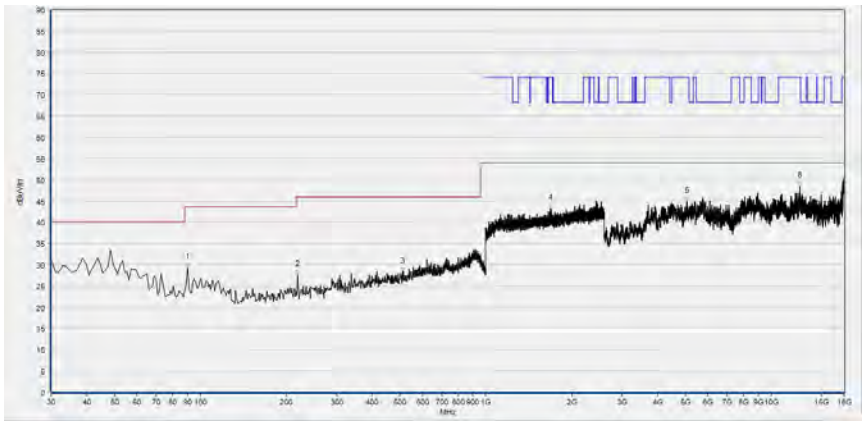
(Antenna Horizontal, 30MHz to 18GHz)



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
99.910	27.88	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	30.00	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
391.201	28.78	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1685.562	43.23	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5215.443	46.39	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11139.468	47.01	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

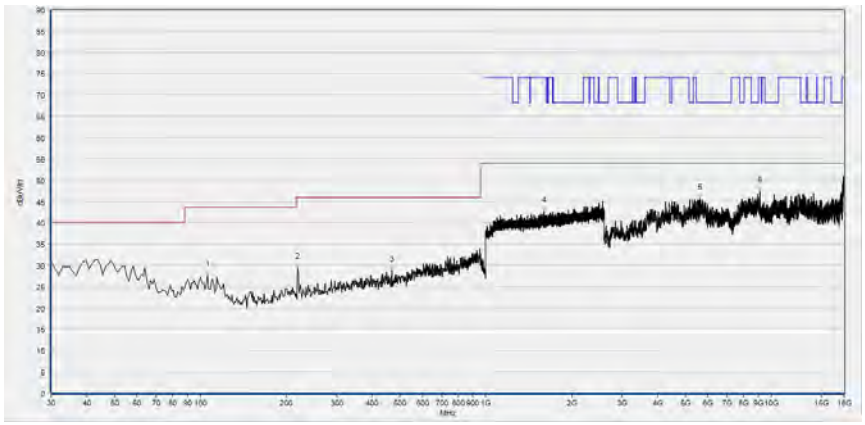
(Antenna Vertical, 30MHz to 18GHz)

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
90.200	29.32	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
219.339	27.64	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
510.631	28.25	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1687.162	43.28	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5067.574	44.89	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12596.599	48.38	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

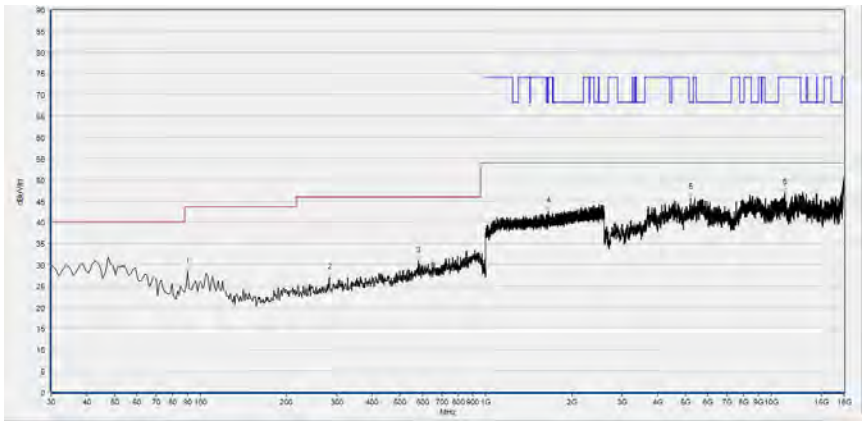
(Antenna Horizontal, 30MHz to 18GHz)



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
105.736	27.72	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	29.53	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
468.879	28.76	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1596.999	42.81	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5631.326	45.78	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9143.229	47.46	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

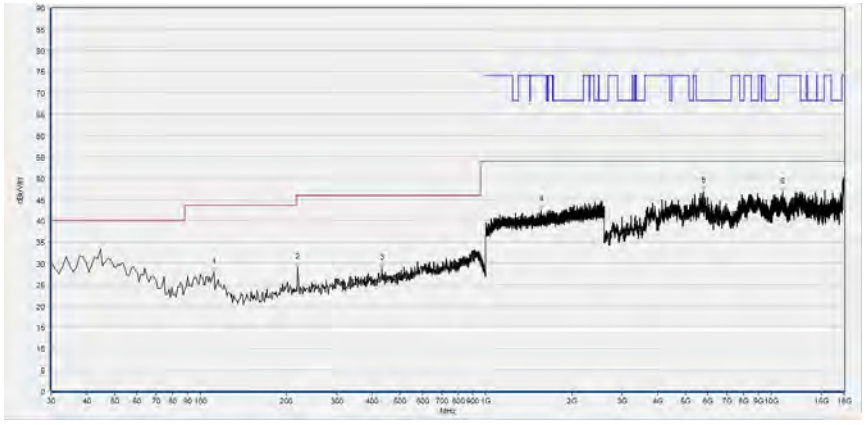
(Antenna Vertical, 30MHz to 18GHz)

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
90.200	28.31	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
283.423	27.00	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
579.570	30.85	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1659.420	42.51	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5215.443	45.84	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11145.629	46.95	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

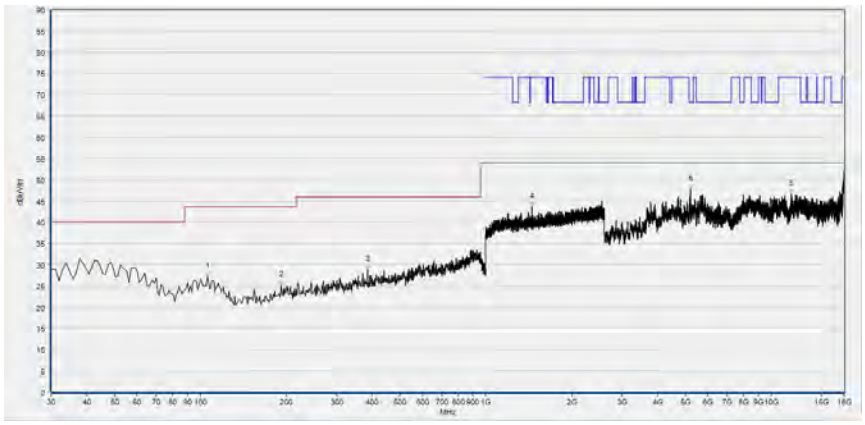
(Antenna Horizontal, 30MHz to 18GHz)



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	27.76	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	29.05	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
431.982	28.84	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1564.455	42.54	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5773.035	46.85	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10957.712	46.77	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

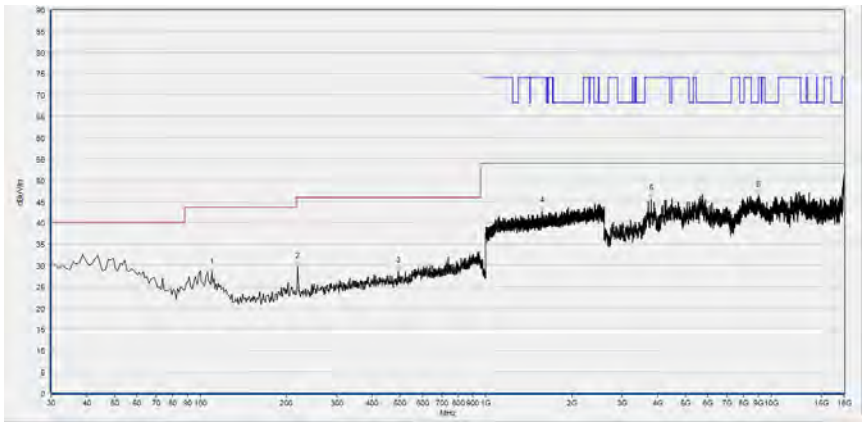
(Antenna Vertical, 30MHz to 18GHz)

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
105.736	27.18	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
192.152	25.09	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
385.375	28.88	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1452.951	43.64	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5215.443	47.68	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11718.624	46.54	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

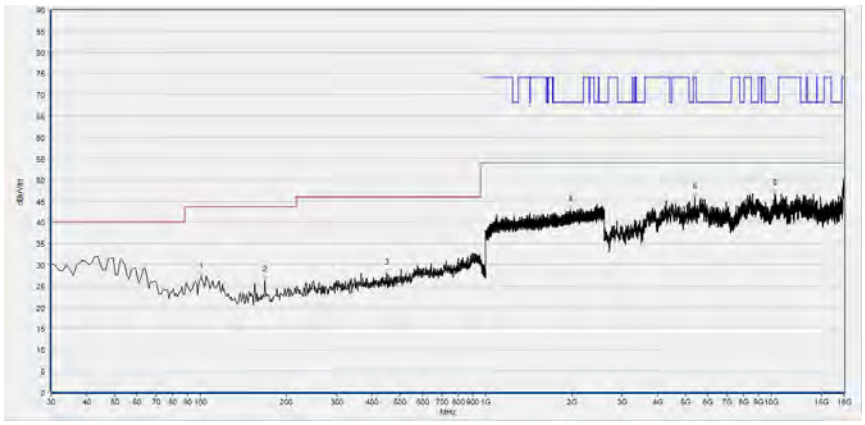
(Antenna Horizontal, 30MHz to 18GHz)



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
109.620	28.31	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	29.63	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
494.124	28.73	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1568.189	42.72	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3801.440	45.52	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
9023.085	46.40	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

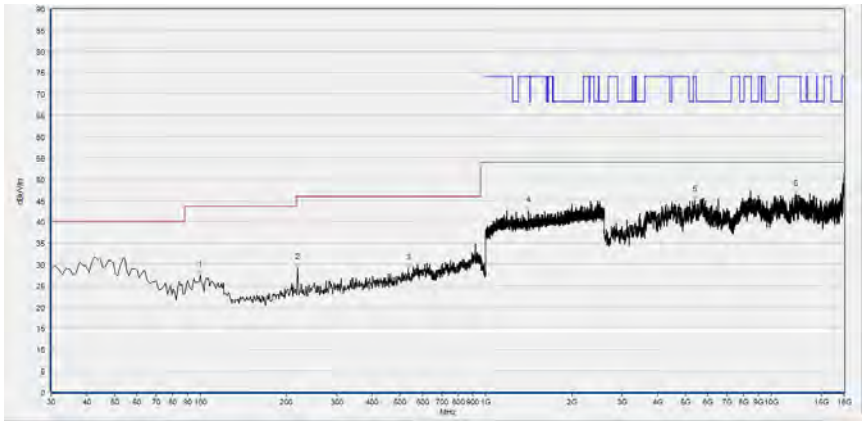
(Antenna Vertical, 30MHz to 18GHz)

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
100.881	27.10	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
167.878	26.34	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
449.459	27.98	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1976.859	42.83	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5403.361	45.87	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
10307.702	46.84	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

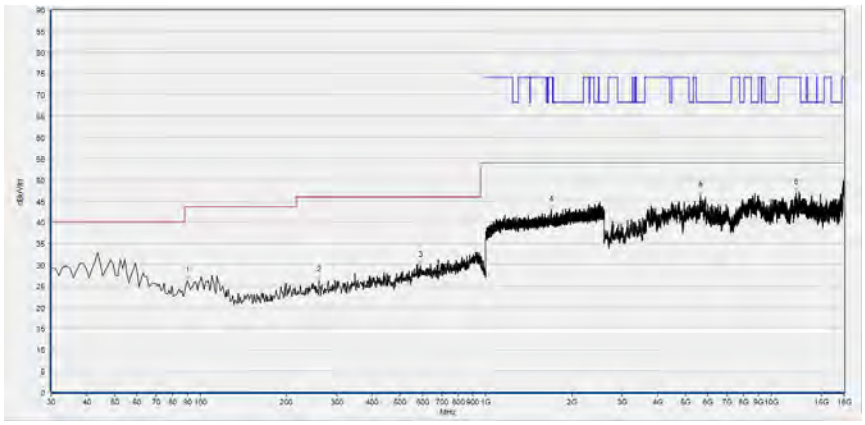
(Antenna Horizontal, 30MHz to 18GHz)



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
99.910	27.57	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	29.22	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
533.934	29.02	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1408.136	42.51	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5406.441	45.07	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12189.958	46.38	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

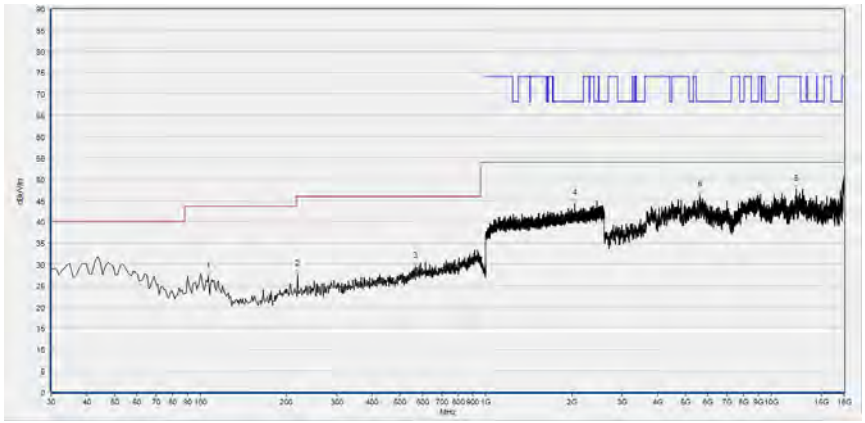
(Antenna Vertical, 30MHz to 18GHz)

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
90.200	26.26	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
260.120	26.31	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
590.250	29.76	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1691.430	42.86	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5649.810	46.28	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12223.845	46.89	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

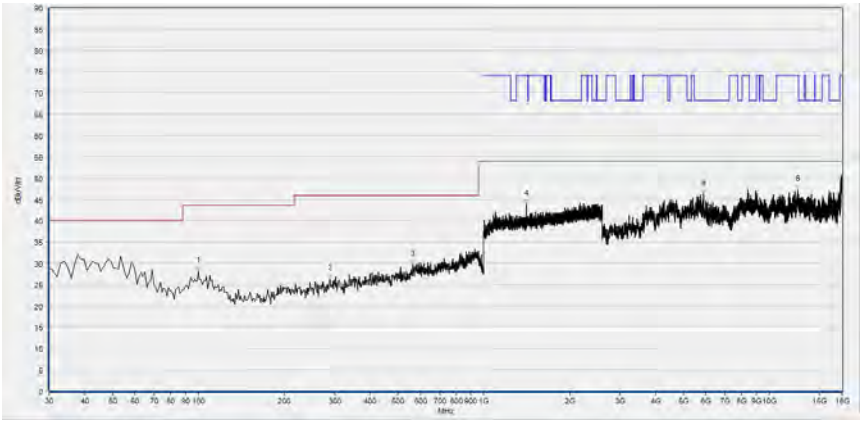


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
106.707	27.17	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	27.64	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
567.918	29.50	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2048.349	44.22	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5625.165	46.25	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12202.280	47.57	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

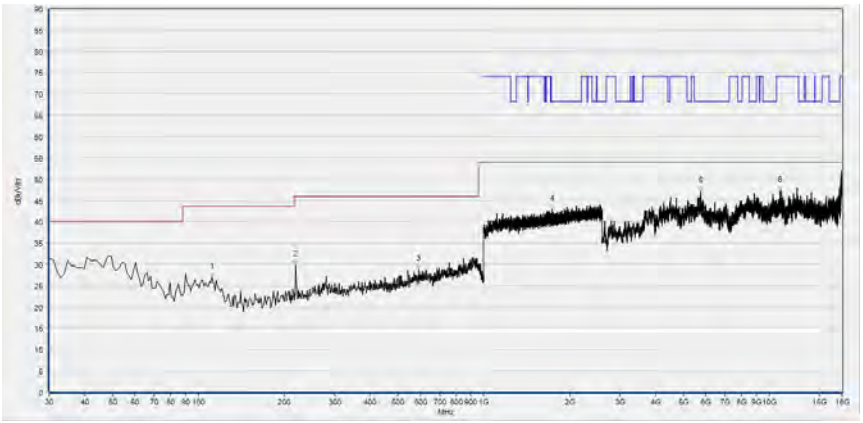
802.11ac (VHT80) Mode

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
99.910	28.20	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
289.249	26.34	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
564.034	29.63	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1407.069	43.89	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5880.856	46.21	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12621.244	47.27	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

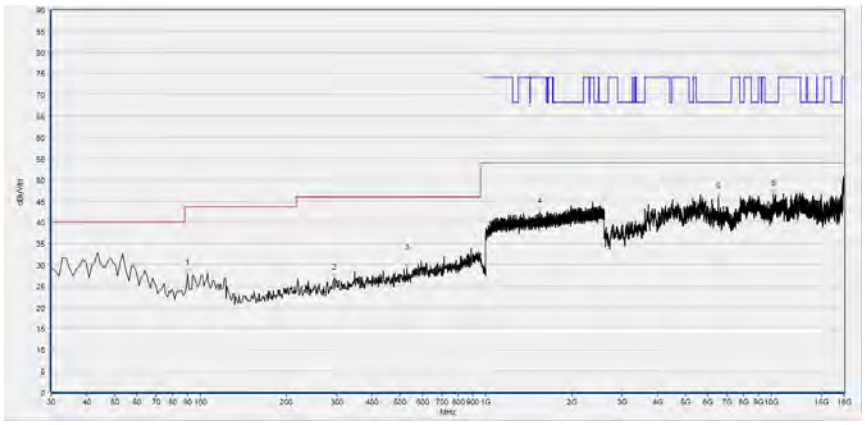
(Antenna Horizontal, 30MHz to 18GHz)



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
111.562	26.95	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	29.88	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
591.221	28.75	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1737.846	42.88	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5760.712	47.14	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10880.696	47.32	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

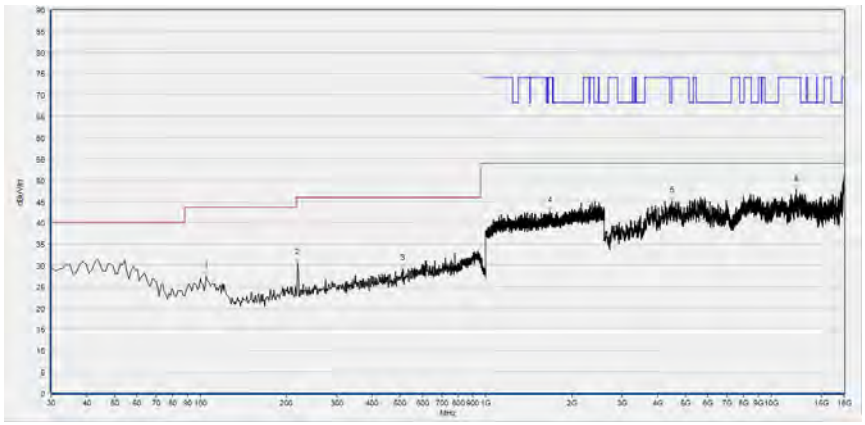
(Antenna Vertical, 30MHz to 18GHz)

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
90.200	27.90	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
293.133	26.79	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
528.108	29.18	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1544.181	42.40	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
6537.027	45.97	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10199.880	46.56	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

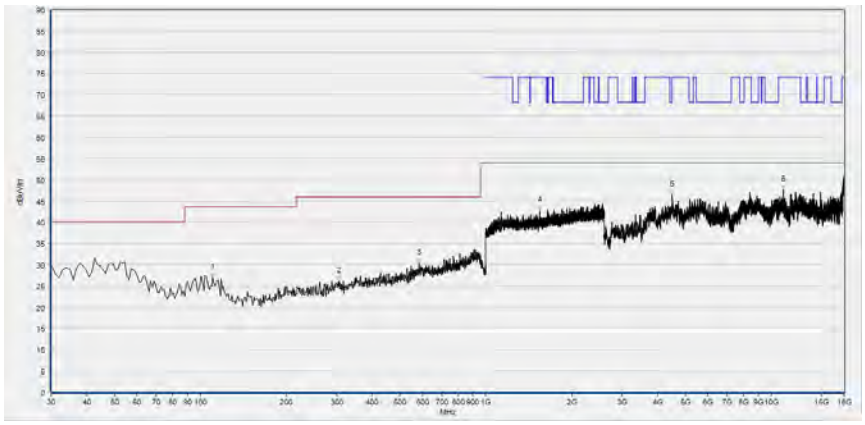
(Antenna Horizontal, 30MHz to 18GHz)



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
104.765	27.56	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	30.54	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
512.573	29.11	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1675.959	42.73	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4500.740	45.05	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12205.361	47.70	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

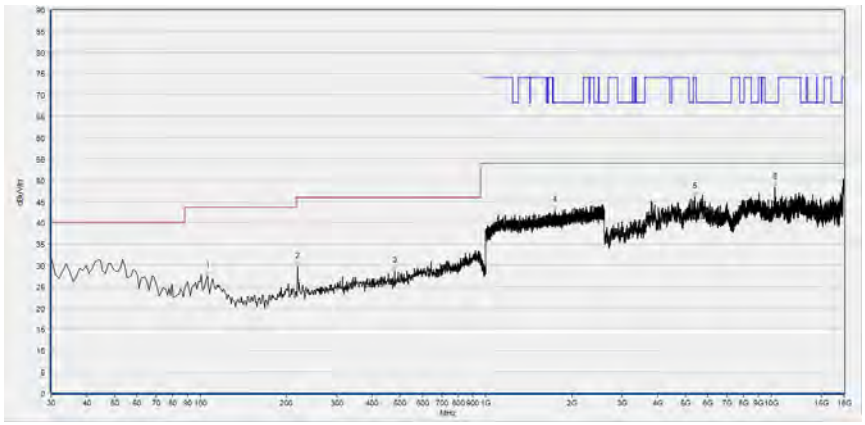
(Antenna Vertical, 30MHz to 18GHz)

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
110.591	26.98	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
305.756	26.19	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
583.453	30.31	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1544.181	42.66	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4500.740	46.43	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
11000.840	47.61	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

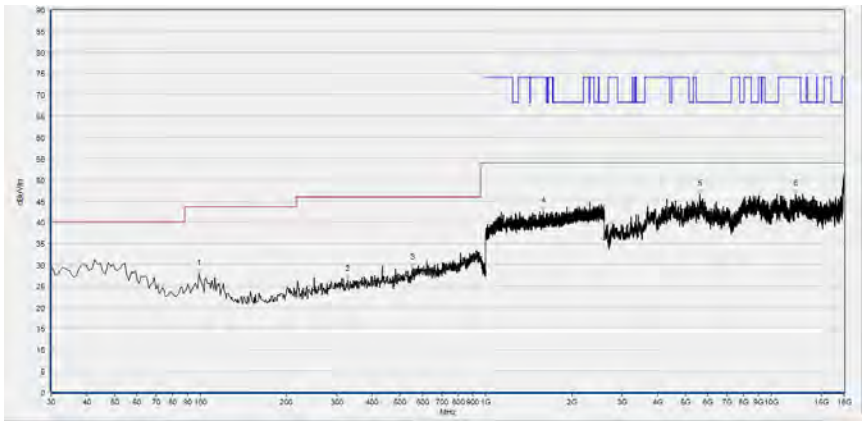
(Antenna Horizontal, 30MHz to 18GHz)



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
105.736	27.53	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	29.73	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
478.589	28.65	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1744.248	42.97	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5397.199	46.10	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
10295.379	48.31	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

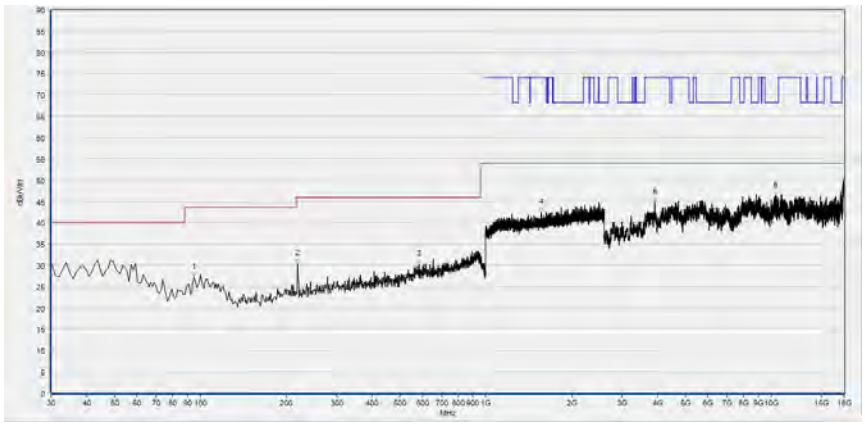
(Antenna Vertical, 30MHz to 18GHz)

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
98.939	27.89	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
327.117	26.44	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
554.324	29.14	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1587.929	42.54	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5631.326	46.56	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12171.474	46.66	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

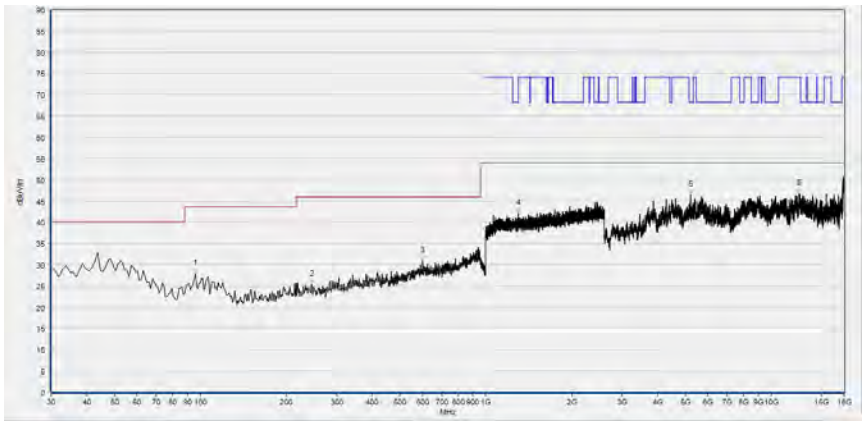
(Antenna Horizontal, 30MHz to 18GHz)



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
95.055	27.13	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	30.37	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
584.424	30.16	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1567.122	42.42	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3900.020	44.83	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
10350.830	46.31	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

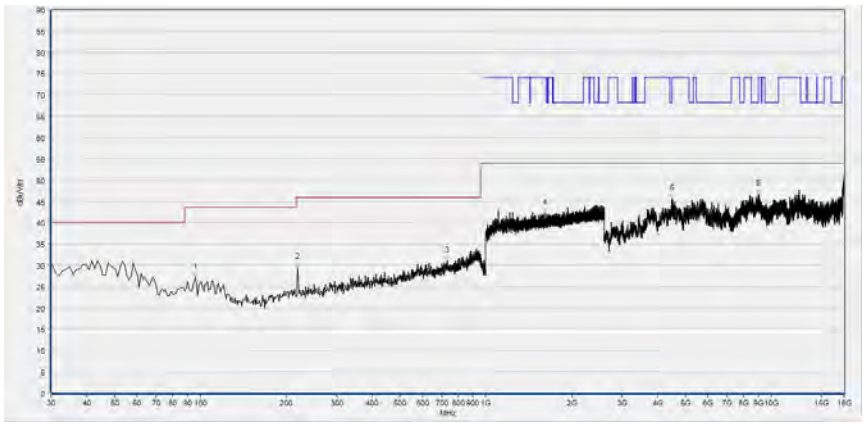
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 138



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	27.84	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
245.556	25.32	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
600.931	30.79	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1303.034	42.03	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5215.443	46.35	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12541.148	46.83	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

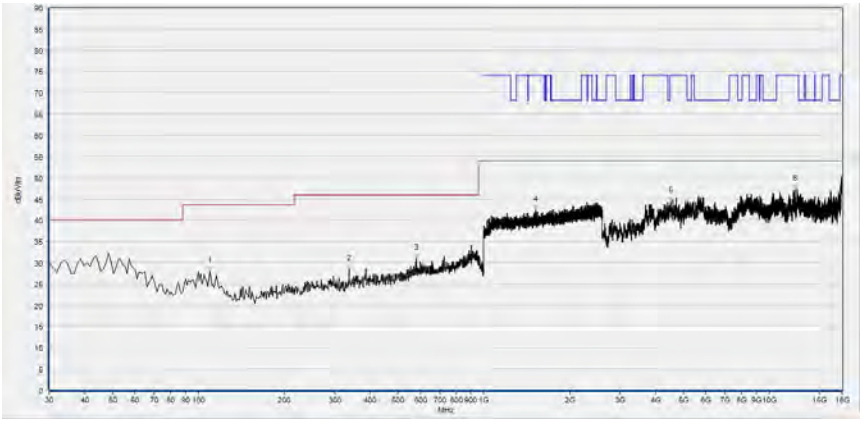
(Antenna Horizontal, 30MHz to 18GHz)



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
96.026	27.11	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	29.53	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
732.012	31.04	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1606.602	42.19	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4485.337	45.63	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9007.682	46.79	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

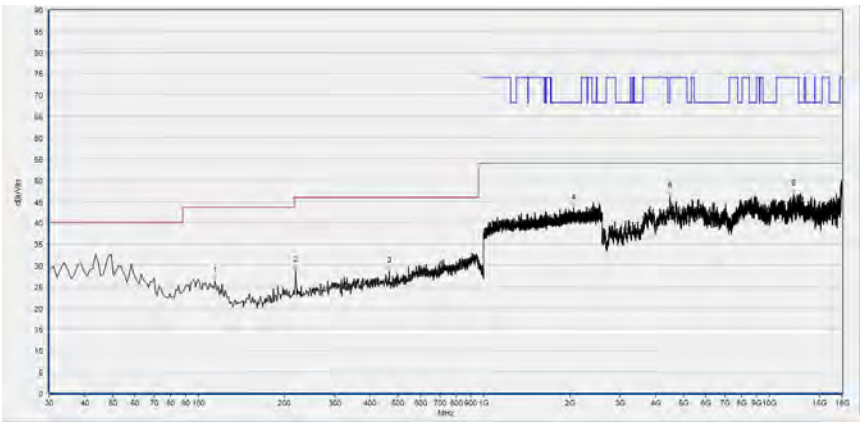
(Antenna Vertical, 30MHz to 18GHz)

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
109.620	28.01	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
336.827	28.45	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
581.512	31.06	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1522.841	42.34	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4509.982	44.42	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12285.457	47.22	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
114.474	26.31	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	28.78	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
466.937	28.72	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2061.687	43.49	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4494.579	46.19	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12131.426	46.76	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 (PSD)	±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. Morlab Laboratory
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. Morlab Laboratory
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	Cal. Due
Attenuator 1	N/A	10dB	Resnet	N/A	N/A
EXA Signal Analzyer	MY53470836	N9010A	Agilent	2020.04.01	2021.03.31
USB Wideband Power Sensor	MY54210011	U202IXA	Agilent	2020.04.01	2021.03.31
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	2020.01.08	2021.01.07

4.2 Conducted Emission Test Equipments

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Cal. Due
Receiver	MY56400093	N9038A	KEYSIGHT	2020.03.26	2021.03.25
LISN	812744	NSLK 8127	Schwarzbeck	2020.03.26	2021.03.25
Pulse Limiter (10dB)	VTSD 9561 F-B #206	VTSD 9561-F	Schwarzbeck	2020.07.24	2021.07.23
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	V2.6
Power Panel	Agilent	V3.8
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	Cal.Due
Receiver	MY54130016	N9038A	Agilent	2020.07.21	2021.07.20
Test Antenna - Bi-Log	9163-519	VULB 9163	Schwarzbeck	2019.05.24	2022.05.23
Test Antenna - Horn	BBHA9170 #774	BBHA9170	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	2020.07.21	2021.07.20
18-26.5GHz pre-Amplifier	46732	S10M100L3802	Tonscend	2020.07.21	2021.07.20
Notch Filter	N/A	WRCG-5150-5350	Wainwright	2020.07.21	2021.07.20
Notch Filter	N/A	WRCG-5470-5725	Wainwright	2020.07.21	2021.07.20
Notch Filter	N/A	WRCG-5725-5850	Wainwright	2020.07.21	2021.07.20
Anechoic Chamber	N/A	9m*6m*6m	CRT	2020.01.06	2023.01.05

END OF REPORT