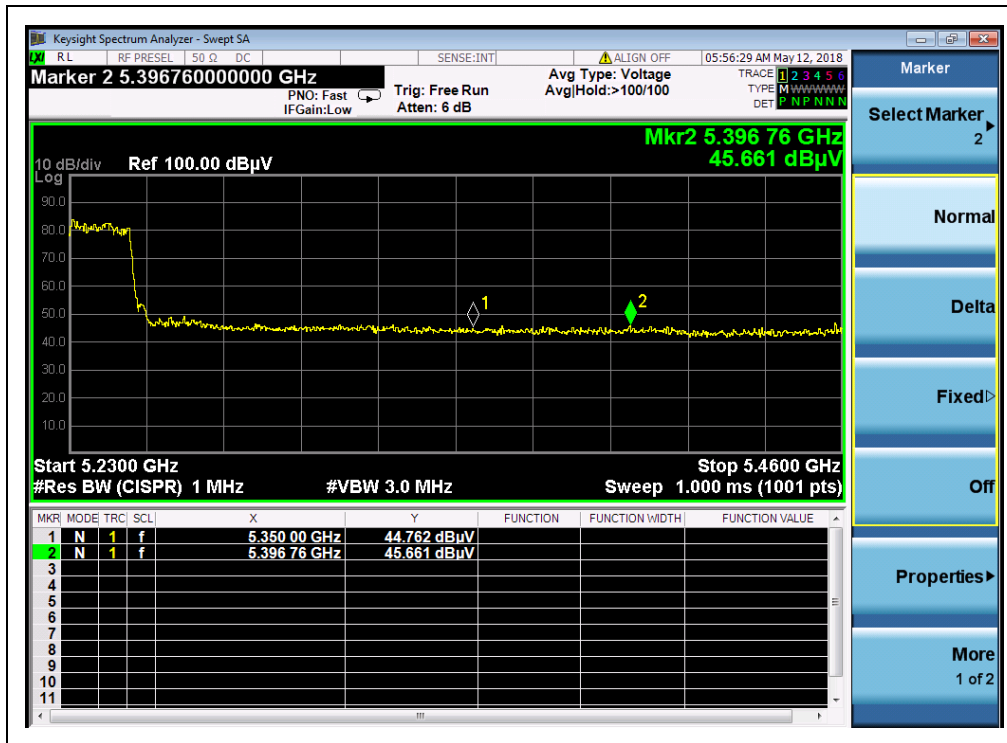
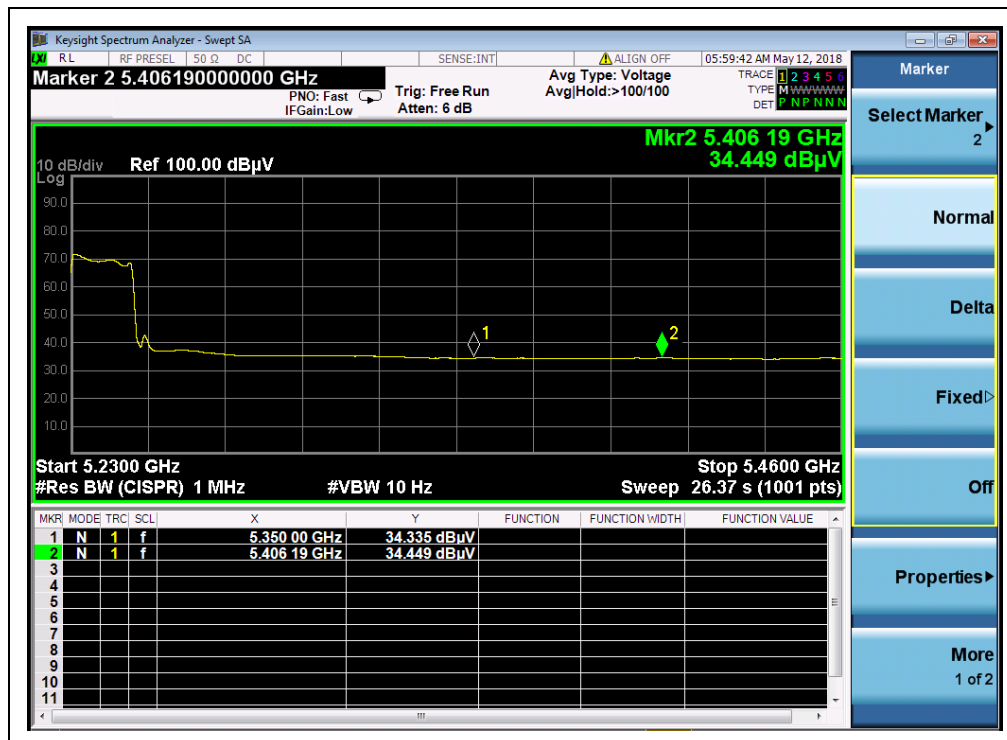
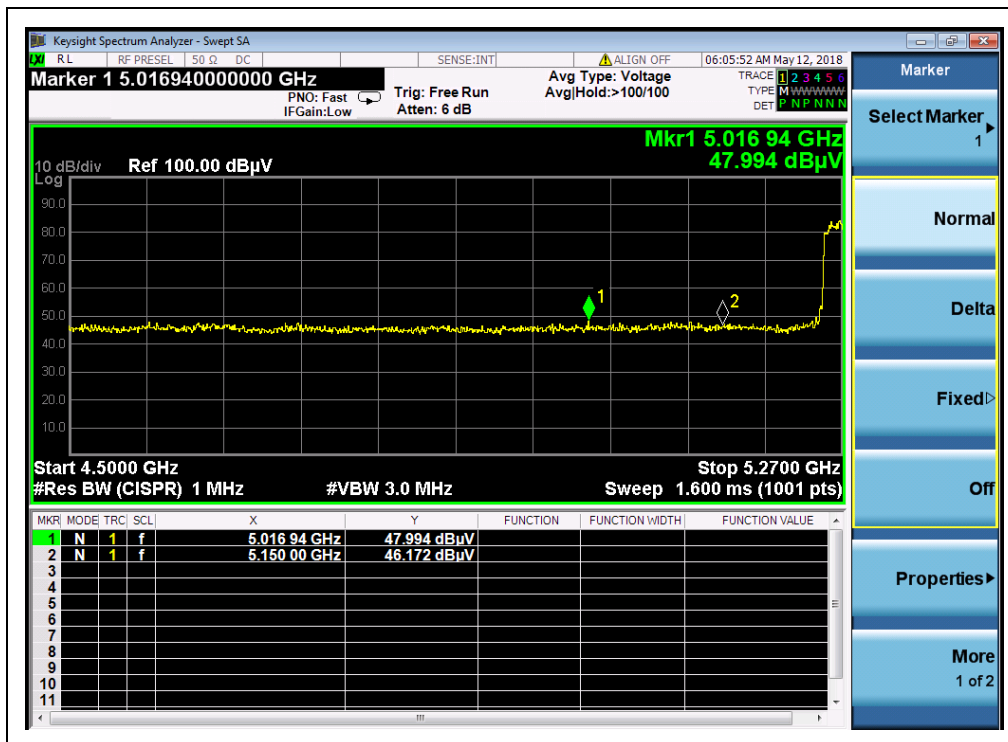




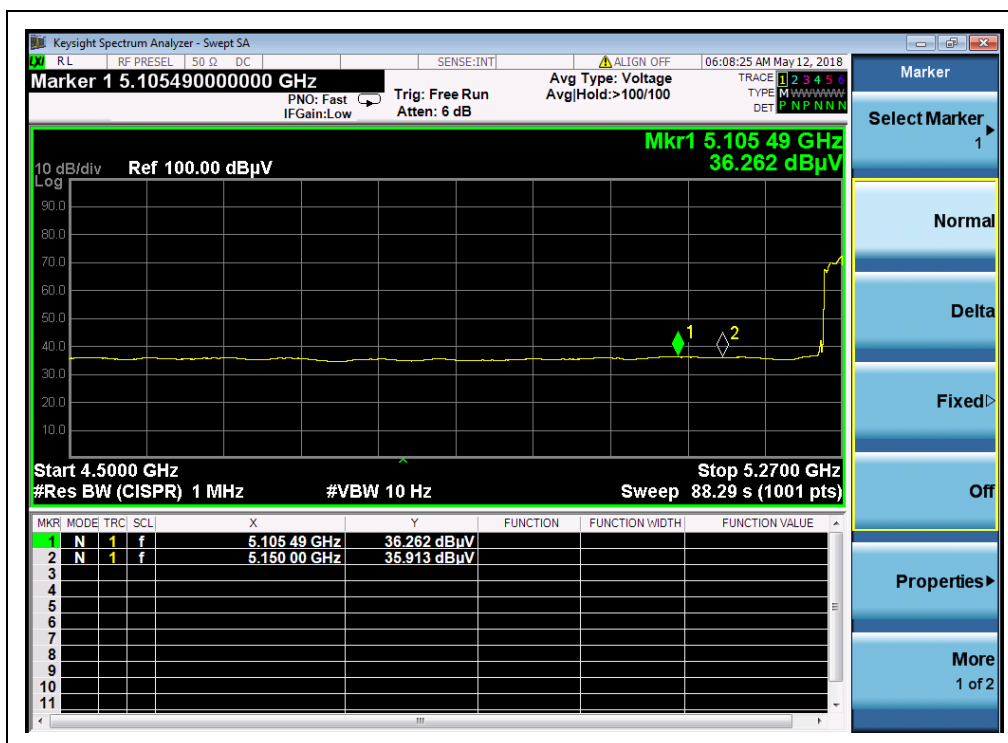
(Channel 46, PEAK, 802.11n (HT40))



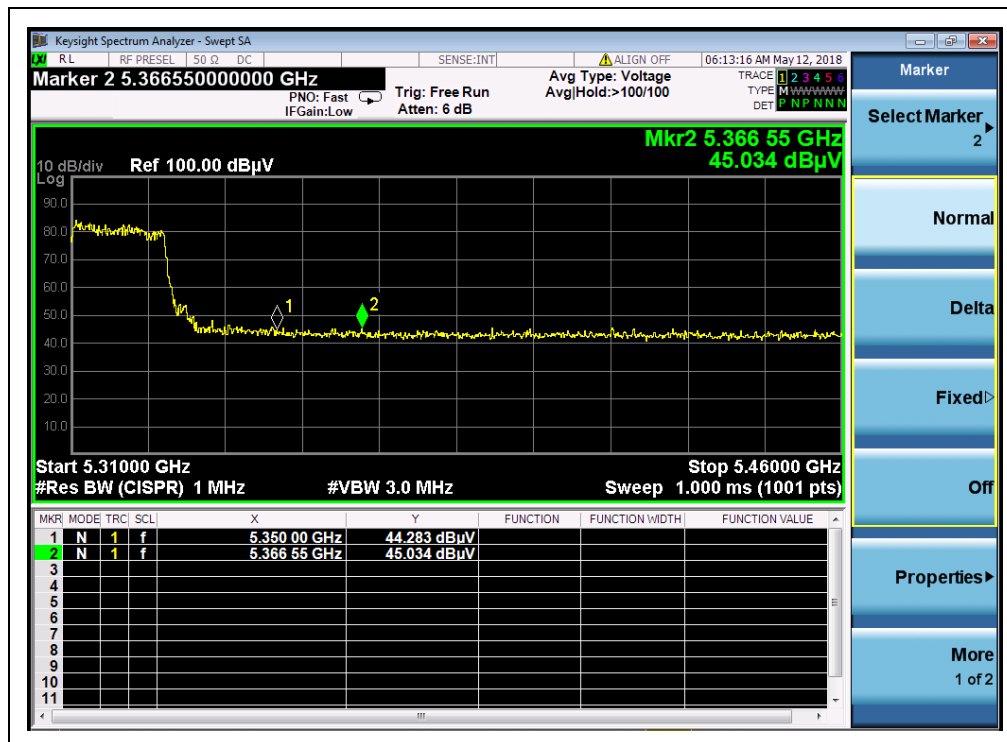
(Channel 46, AVG, 802.11n (HT40))



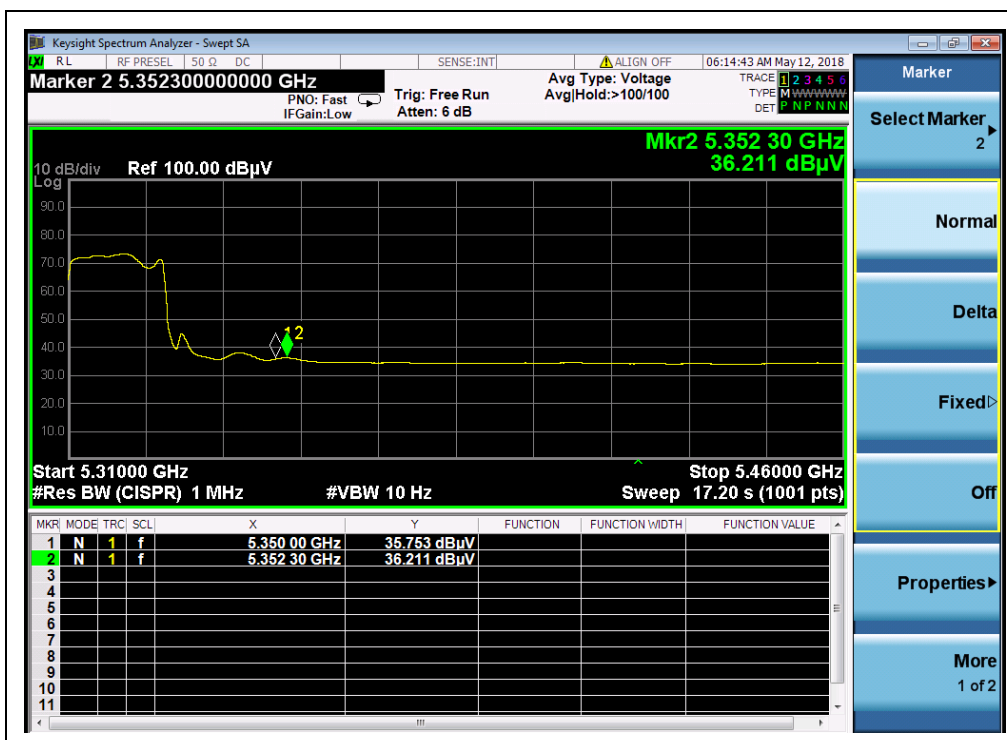
(Channel 52, PEAK, 802.11n (HT40))



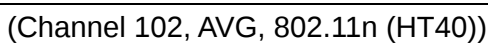
(Channel 52, AVG, 802.11n (HT40))

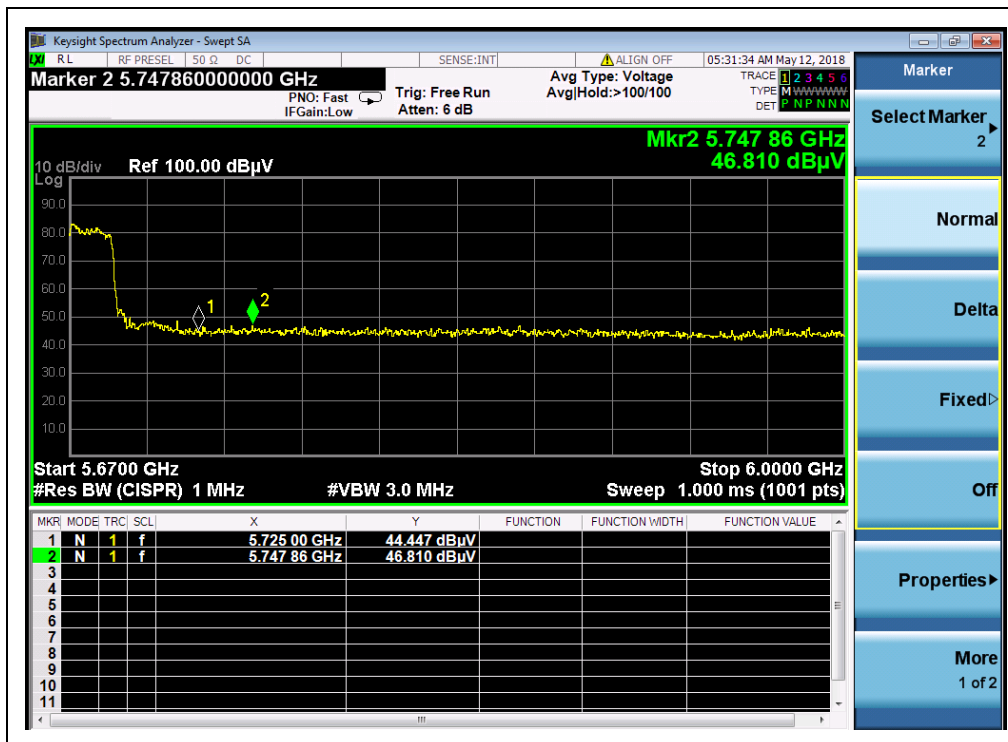


(Channel 62, PEAK, 802.11n (HT40))

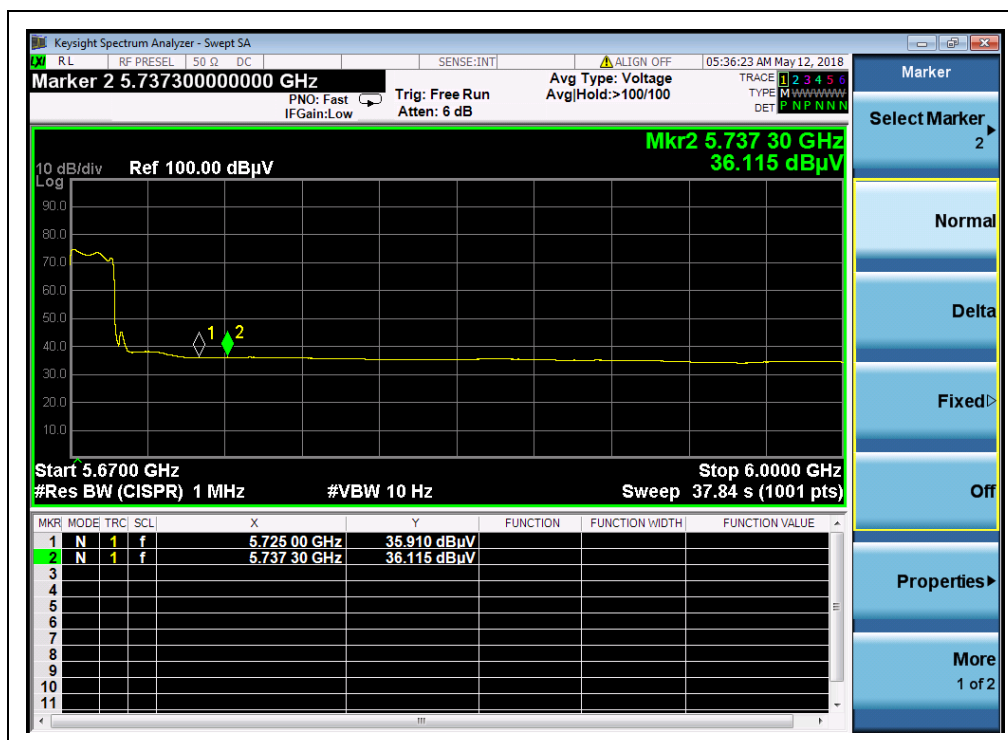


(Channel 62, AVG, 802.11n (HT40))

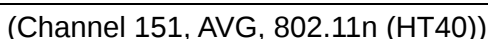


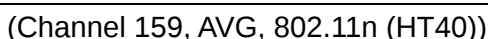


(Channel 134, PEAK, 802.11n (HT40))



(Channel 134, AVG, 802.11n (HT40))





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 50 μ H/50 Ω line impedance stabilization network (LISN).

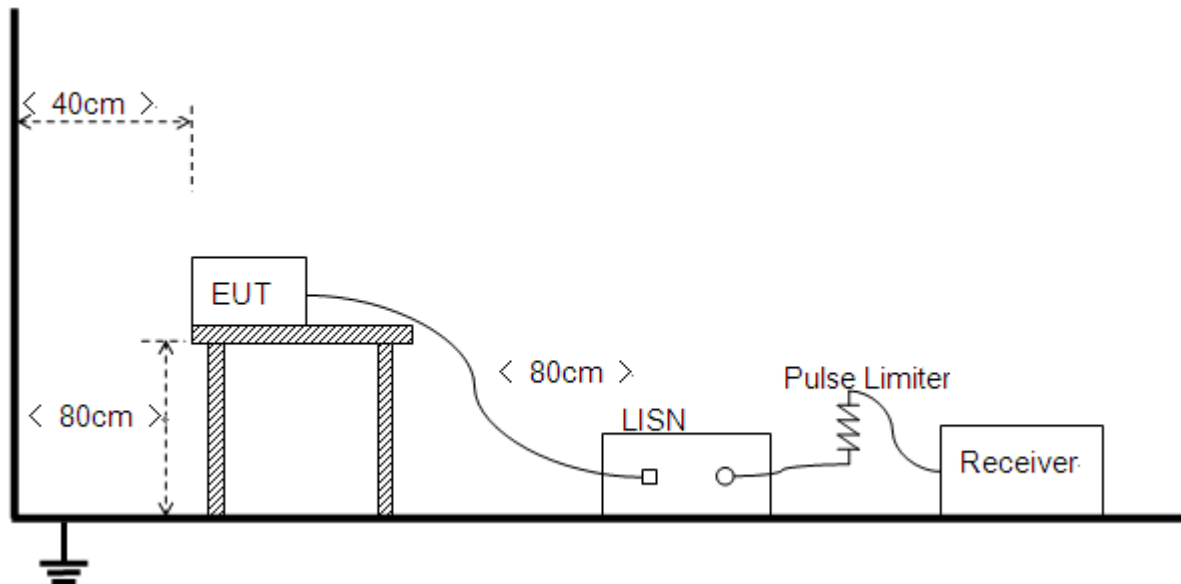
Frequency range (MHz)	Conducted Limit (dB μ V)	
	Quai-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
5 - 30	60	50

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

A. 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

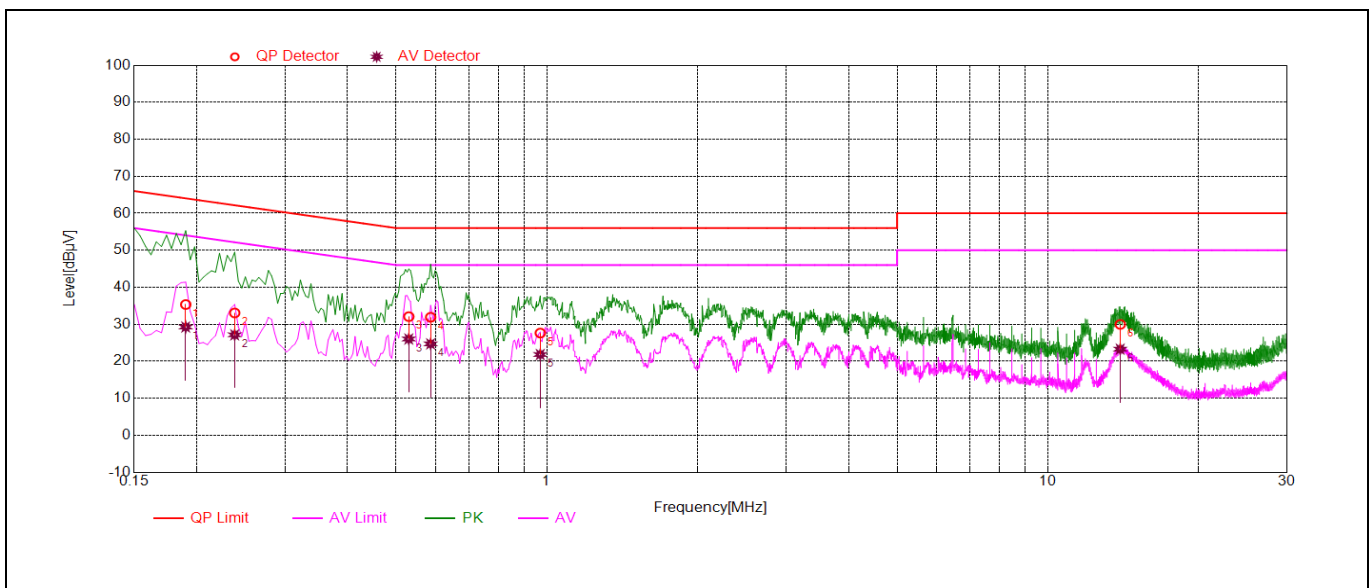
The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT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

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

A. Test setup:

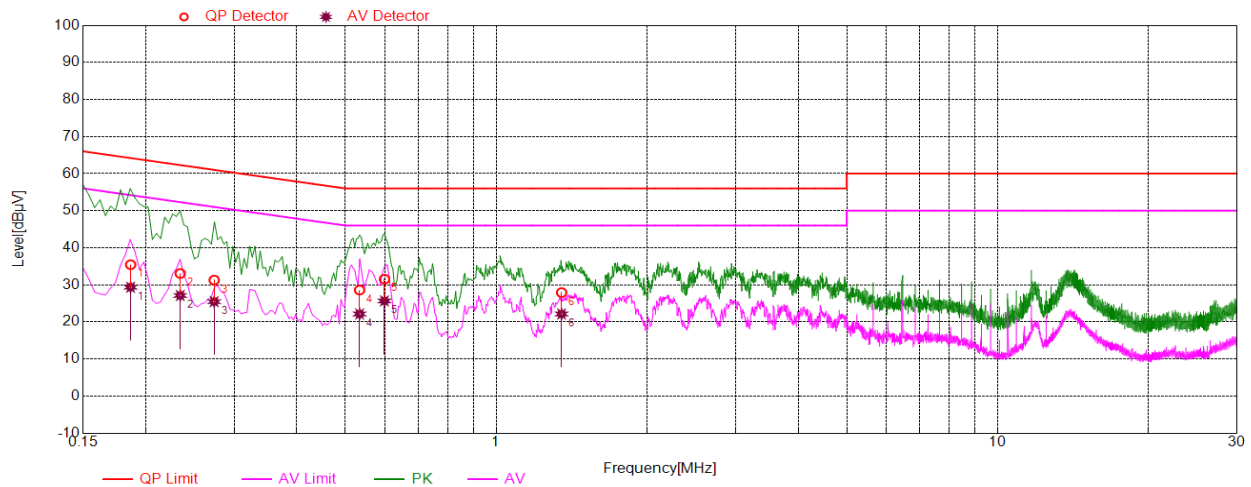
The EUT configuration of the emission tests is EUT + Link. The test voltage is AC 120V/60Hz.

B. Test Plots:



(Plot A: L Phase)

NO.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.19	35.34	29.26	64.04	54.04	Line	PASS
2	0.24	33.06	27.14	62.17	52.17		PASS
3	0.53	32.08	26.02	56.00	46.00		PASS
4	0.59	31.91	24.70	56.00	46.00		PASS
5	0.97	27.63	21.82	56.00	46.00		PASS
6	13.95	29.97	23.28	60.00	50.00		PASS



(Plot B: N Phase)

NO.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.19	35.45	29.35	64.20	54.20	Neutral	PASS
2	0.23	33.07	27.13	62.30	52.30		PASS
3	0.27	31.29	25.47	61.01	51.01		PASS
4	0.53	28.58	22.14	56.00	46.00		PASS
5	0.60	31.54	25.66	56.00	46.00		PASS
6	1.35	27.91	22.14	56.00	46.00		PASS

2.8. Radiated Emission

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: 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(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 (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

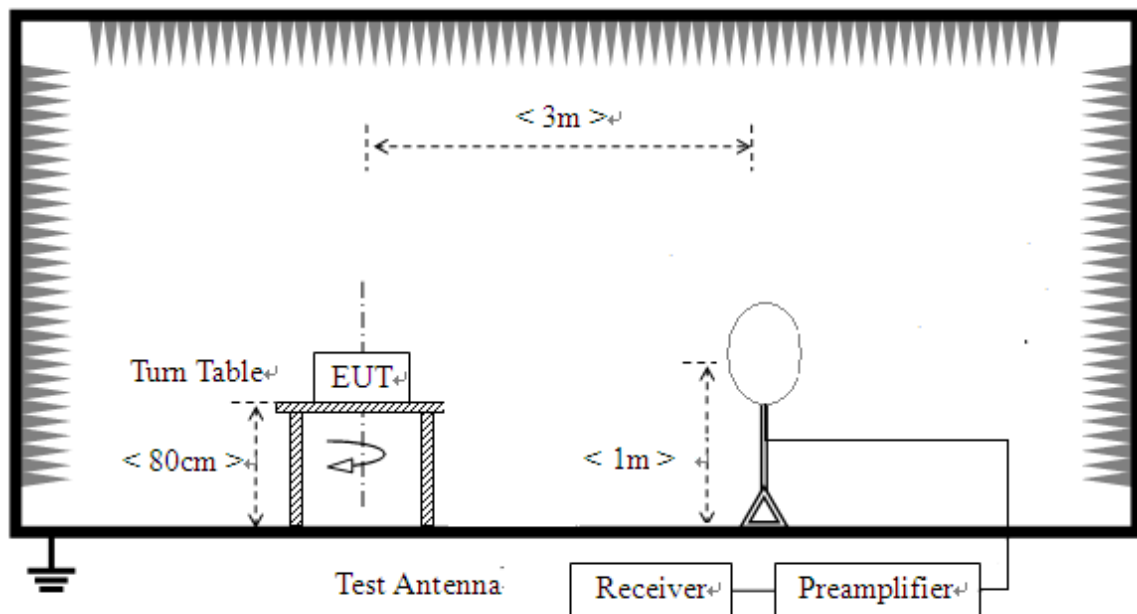
For Above 1000MHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit.

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)

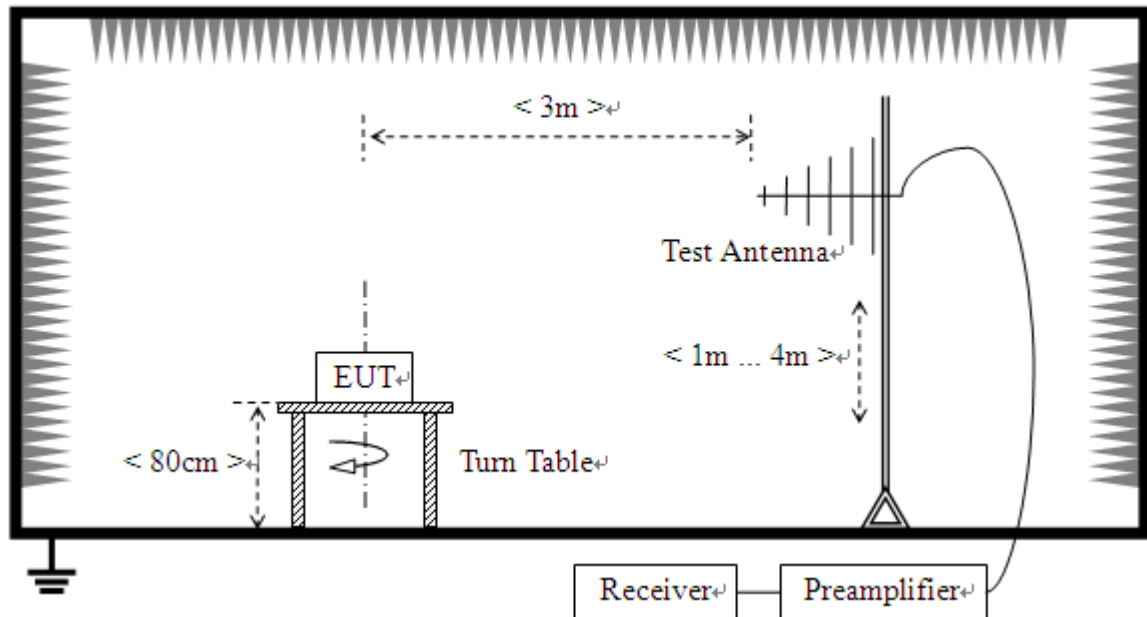
2.8.2. Test Description

A. Test Setup:

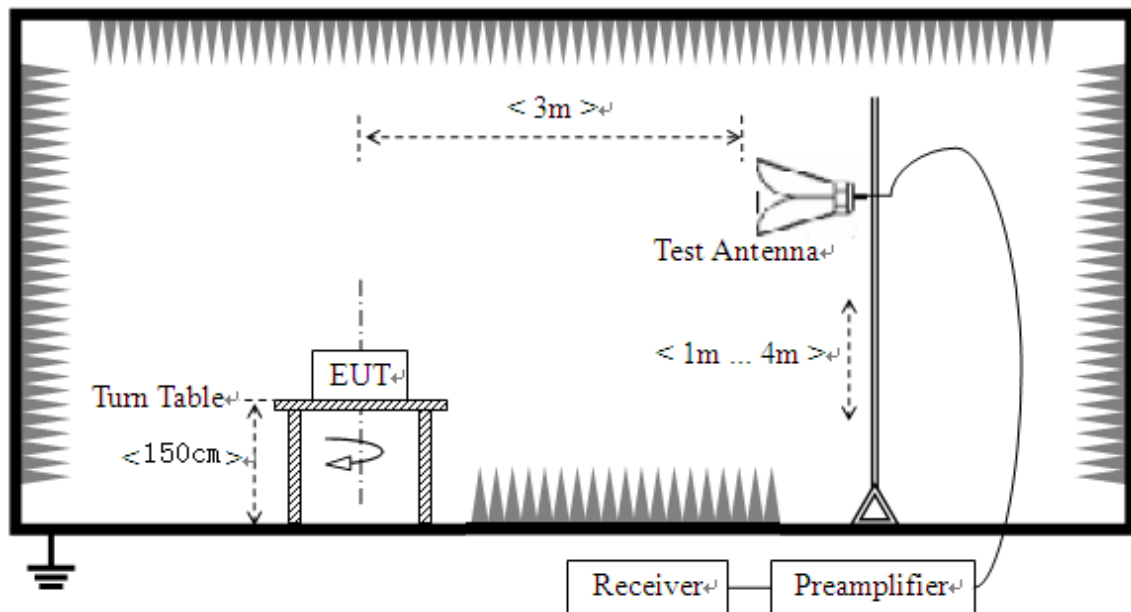
- 1) For radiated emissions from 9kHz to 30MHz



2) For radiated emissions from 30MHz to 1GHz



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.



2.8.3. 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:

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

A_T : Total correction Factor except Antenna

U_R : Receiver Reading

G_{preamp} : Preamplifier Gain

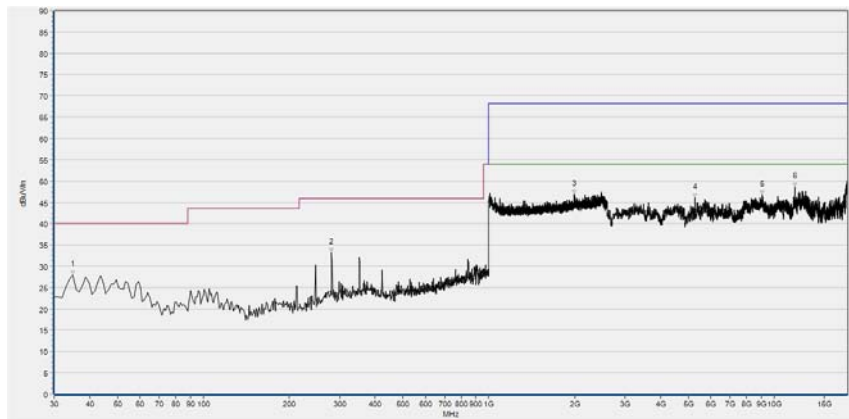
A_{Factor} : Antenna Factor at 3m

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

Note1: 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.

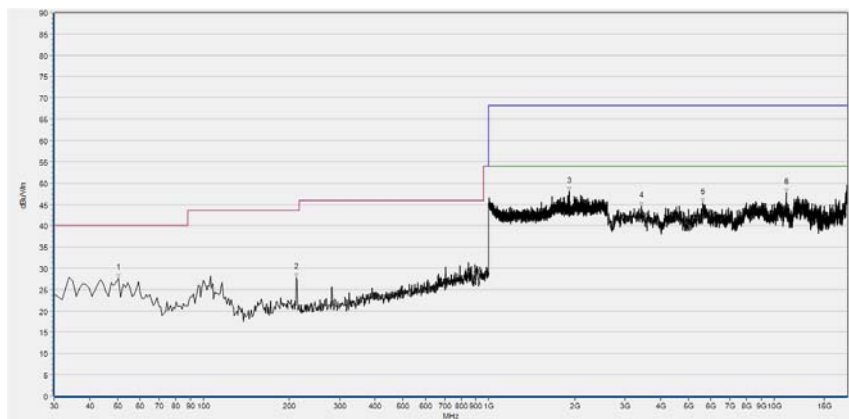
Note2: For the frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not recorded.

Note3: 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.

**802.11a Test mode****Plots 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
34.855	27.96	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
281.481	33.24	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1995.532	46.88	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
5279.576	46.08	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
9052.490	46.80	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
11785.837	48.65	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

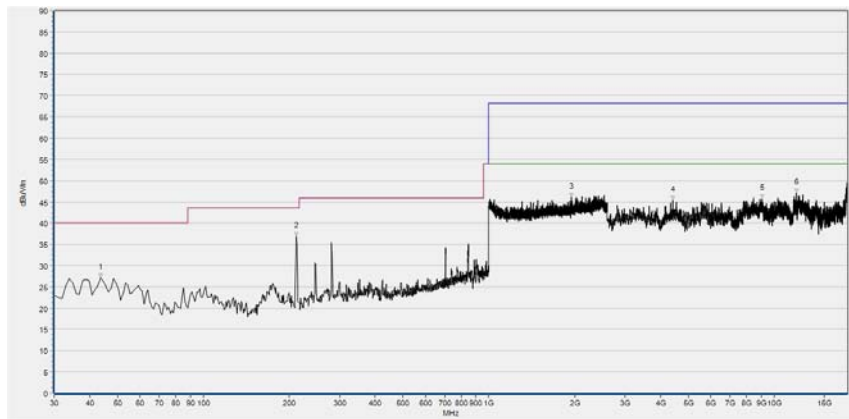
(Antenna Horizontal, 30MHz to 18GHz)



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
50.390	27.60	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
211.572	27.89	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1911.771	48.15	N/A	N/A	68.23	N/A	68.23	Vertical	PASS
3428.966	44.50	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
5629.086	45.43	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
10997.199	47.69	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

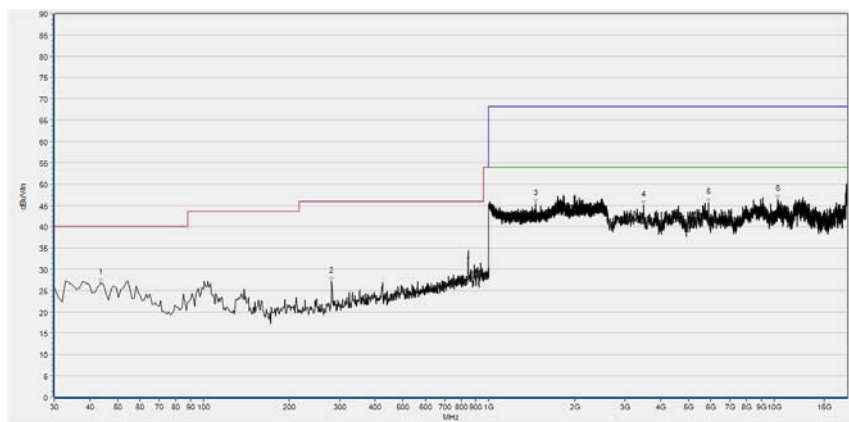
(Antenna Vertical, 30MHz to 18GHz)

Plots 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
43.594	27.22	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
211.572	36.84	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1943.248	46.12	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
4410.282	45.36	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
9043.529	45.83	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
11982.997	47.13	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

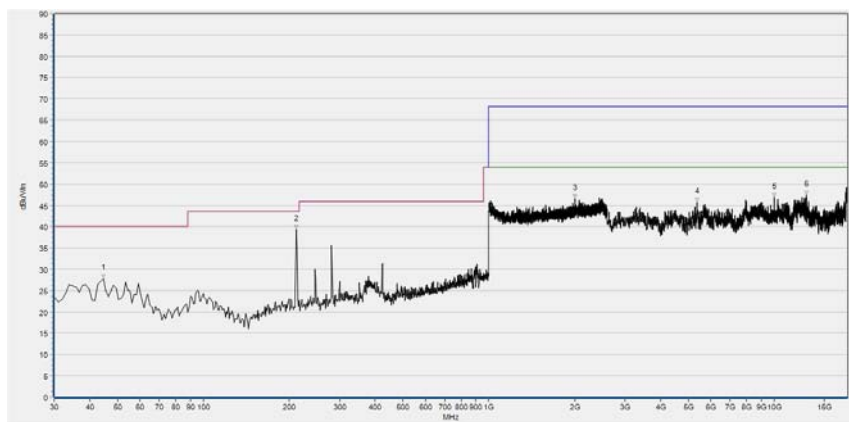


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
43.594	26.75	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
281.481	27.16	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1461.487	45.41	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
3491.698	45.16	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
5888.978	45.66	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
10289.218	46.42	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

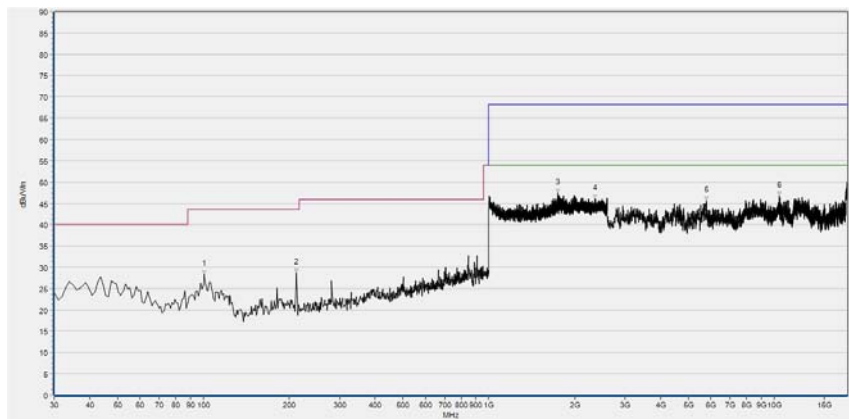


Plot for Channel = 48



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
44.565	27.80	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
211.572	39.38	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2008.336	46.61	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
5351.270	45.74	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
10006.921	46.96	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12923.985	47.48	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

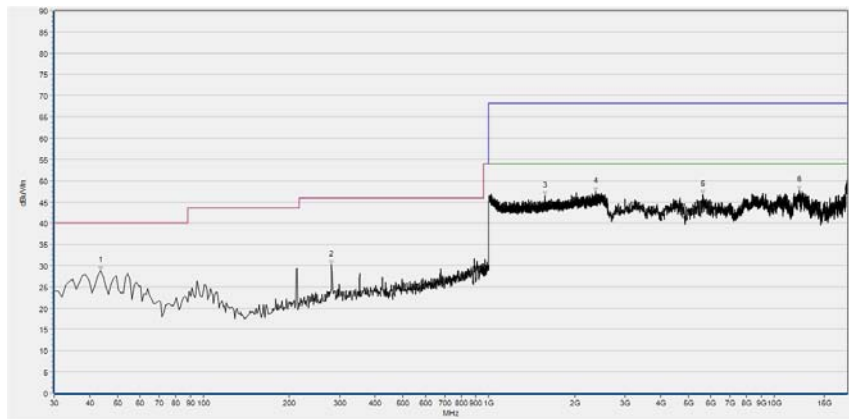
(Antenna Horizontal, 30MHz to 18GHz)



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	28.25	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
211.572	28.62	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1747.983	47.37	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
2353.518	46.01	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
5776.955	45.61	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
10401.240	46.74	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

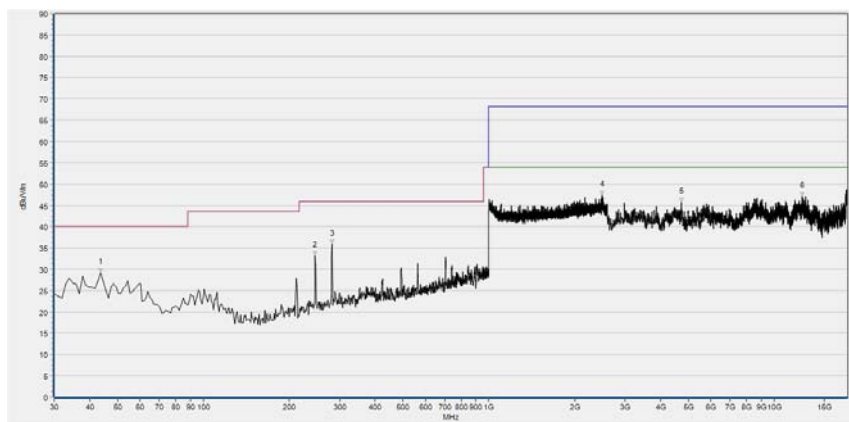
(Antenna Vertical, 30MHz to 18GHz)

Plots 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
43.594	28.86	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
281.481	30.14	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1574.592	46.44	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
2372.191	47.36	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
5633.567	46.82	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12238.408	47.70	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

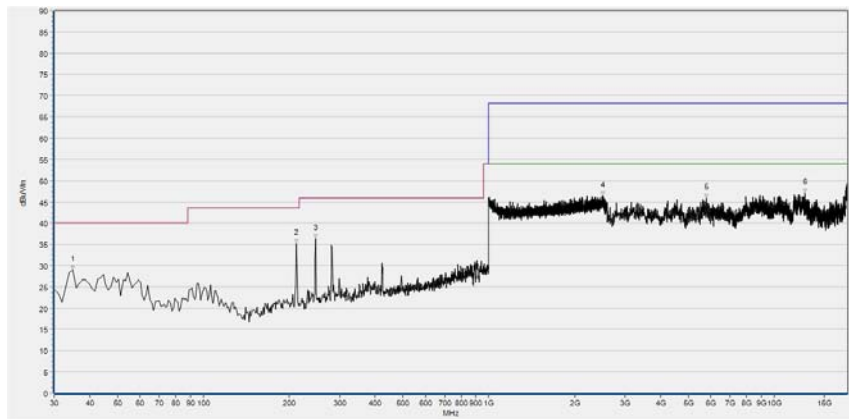
(Antenna Horizontal, 30MHz to 18GHz)



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
43.594	29.15	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
246.527	33.21	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
282.452	35.81	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2490.097	47.43	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
4732.907	45.80	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12493.819	47.03	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

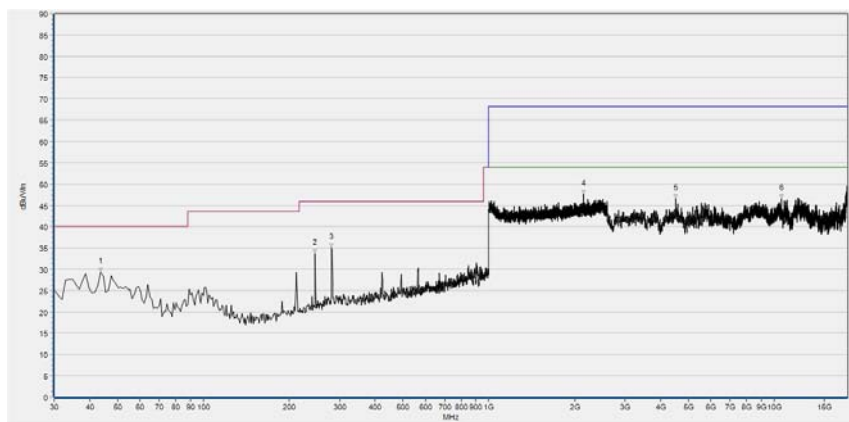
(Antenna Vertical, 30MHz to 18GHz)

Plots 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
34.855	29.07	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
211.572	35.25	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
247.497	36.28	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2507.703	46.39	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
5794.879	46.00	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12785.077	47.16	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

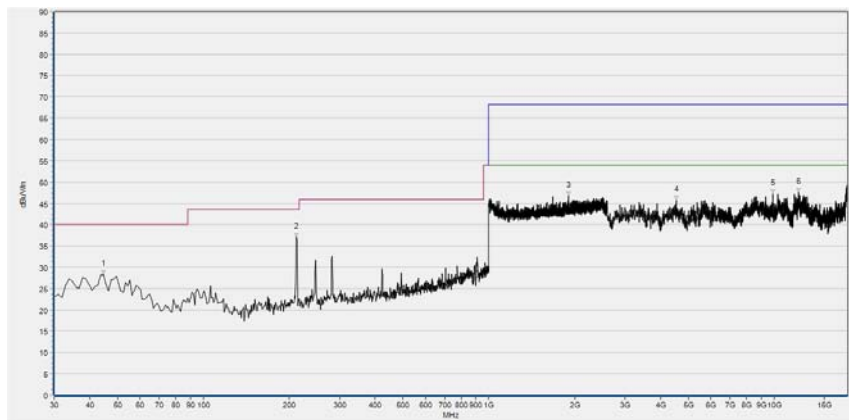


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
43.594	29.33	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
246.527	33.70	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
281.481	35.05	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2147.583	47.64	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
4513.343	46.54	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
10571.514	46.53	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

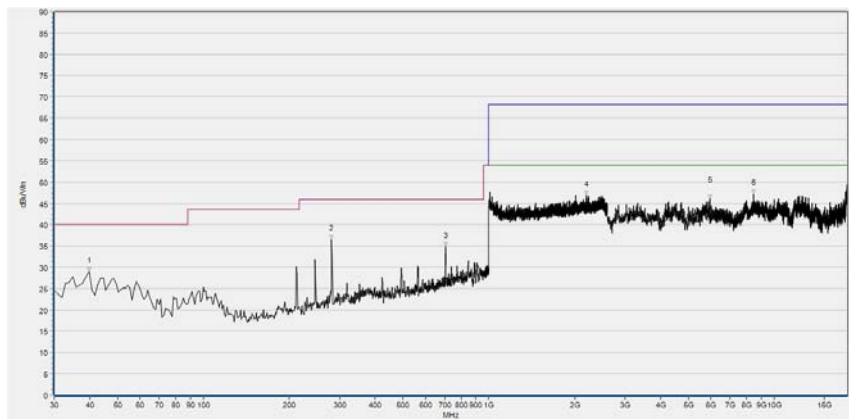


Plot for Channel = 64



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
44.565	28.33	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
211.572	37.01	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1903.768	46.74	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
4531.266	45.74	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
9903.861	47.21	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12157.752	47.64	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

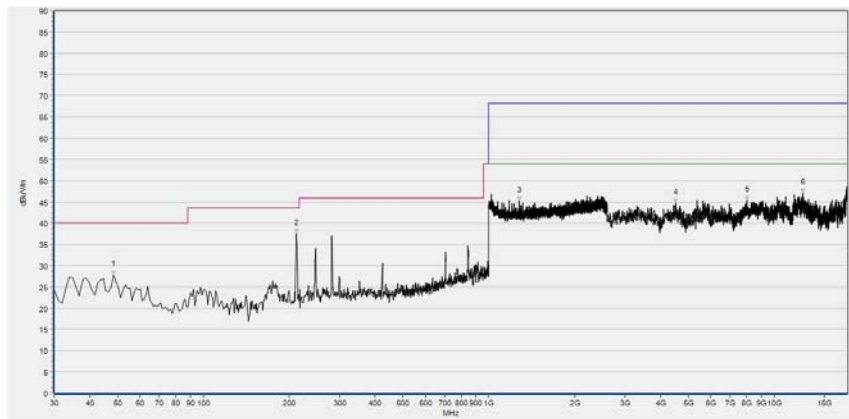


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
39.710	29.07	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
281.481	36.53	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
703.854	34.83	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2199.333	46.92	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
5938.268	46.07	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
8447.570	47.22	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

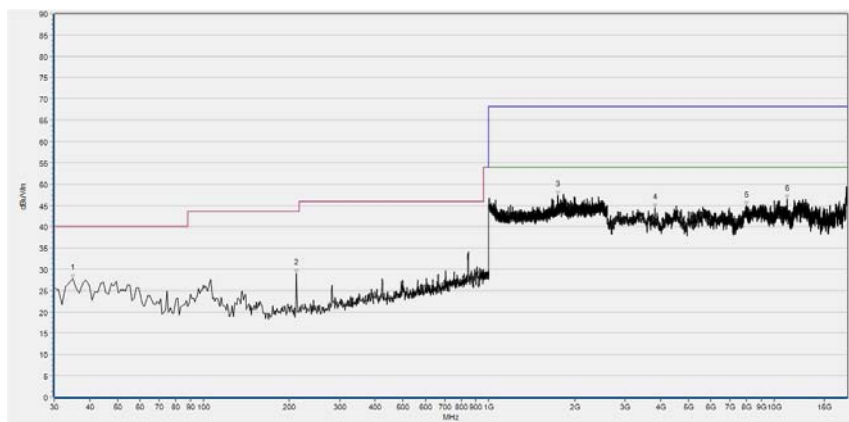


Plots for Channel = 100



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
48.448	27.81	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
211.572	37.46	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1280.093	45.19	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
4526.785	44.68	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
8017.403	45.49	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12619.284	47.13	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

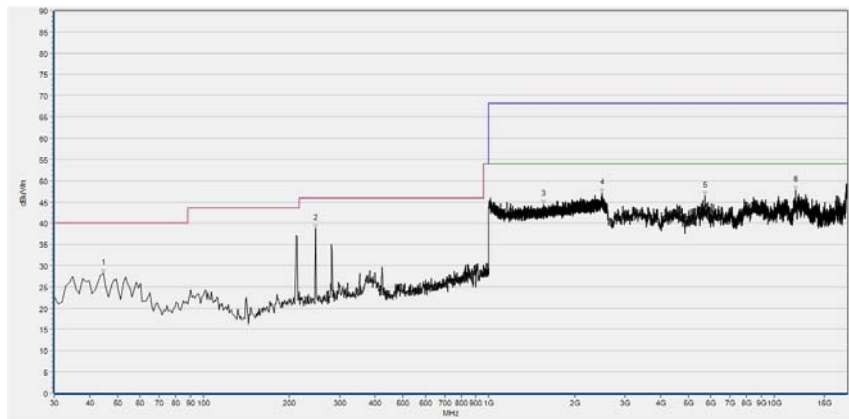


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
34.855	27.81	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
211.572	28.94	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1746.916	47.50	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
3809.842	44.35	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
8008.442	44.99	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
11077.856	46.36	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

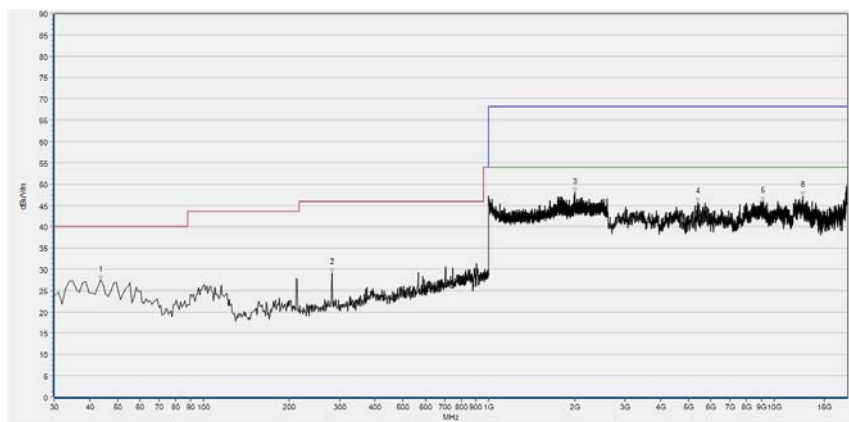


Plots for Channel = 120



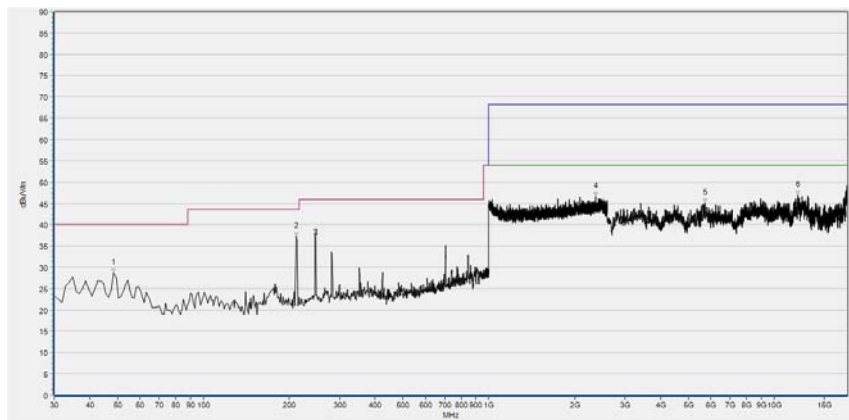
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
44.565	28.11	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
247.497	38.77	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1551.117	44.33	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
2487.963	47.04	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
5723.185	46.40	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
11875.455	47.84	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



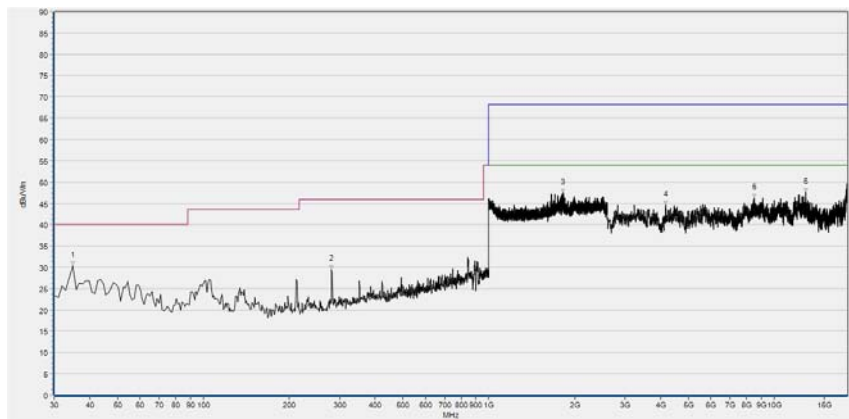
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
43.594	27.43	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
282.452	29.25	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1998.199	48.04	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
5391.598	45.74	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
9124.185	45.88	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12619.284	47.34	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel = 134

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
48.448	28.63	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
211.572	37.18	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
247.497	38.10	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2367.389	46.64	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
5714.223	45.15	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12112.943	46.95	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

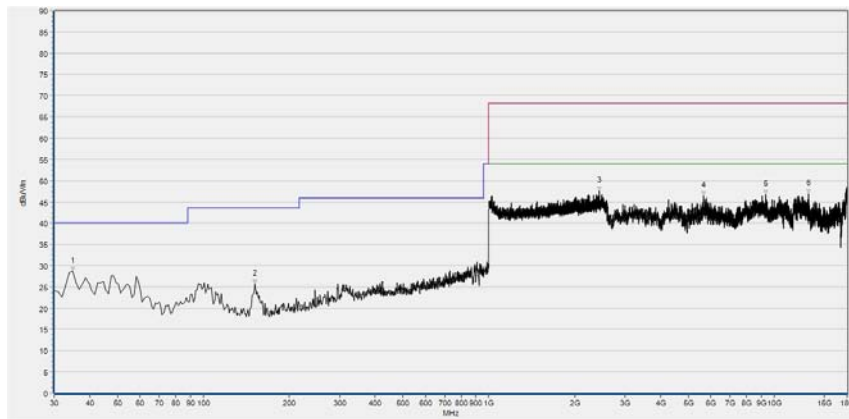
(Antenna Horizontal, 30MHz to 18GHz)



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
34.855	30.34	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
281.481	29.43	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1812.538	47.36	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
4159.352	44.56	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
8528.226	46.24	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12888.138	47.59	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

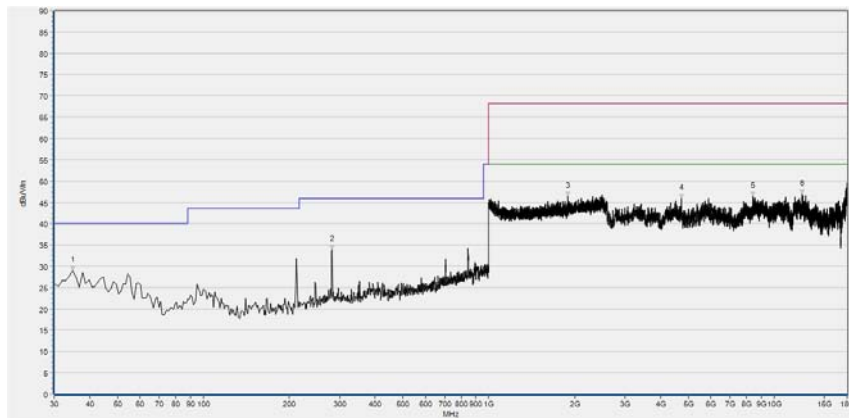
(Antenna Vertical, 30MHz to 18GHz)

Plots for Channel = 149



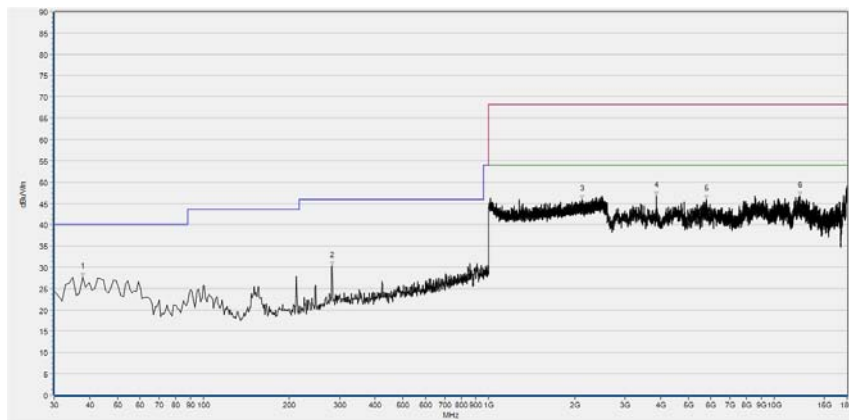
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
34.855	28.73	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
151.371	25.70	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2439.947	47.56	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
5640.568	46.46	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
9312.663	46.73	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
13169.594	46.89	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



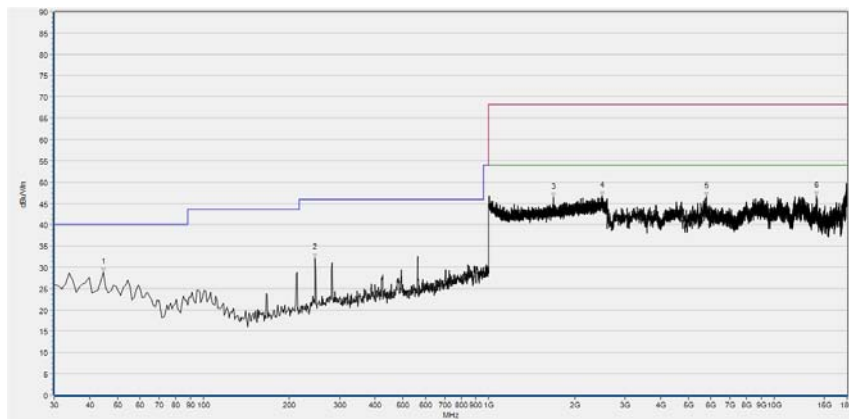
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
34.855	29.05	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
282.452	33.87	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1894.698	46.38	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
4731.786	45.96	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
8425.445	46.42	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12522.665	46.93	N/A	N/A	68.23	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
37.768	27.68	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
282.452	30.41	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2123.575	45.93	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
3856.891	46.68	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
5797.680	46.00	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12273.135	46.74	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

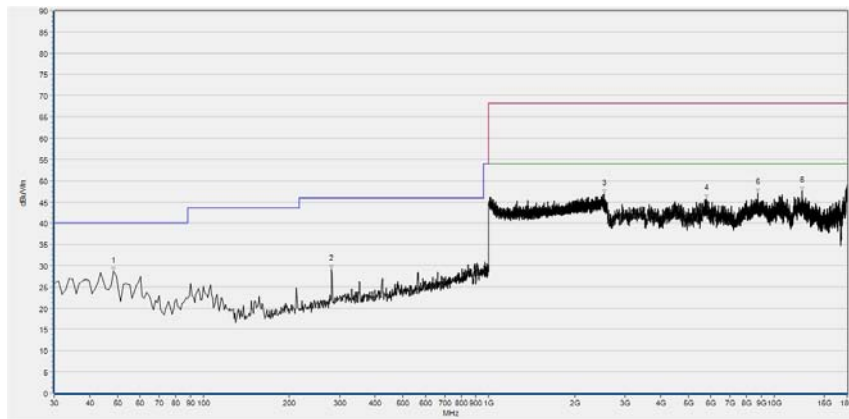


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
44.565	28.88	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
246.527	32.16	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1683.961	46.43	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
2499.166	46.74	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
5785.357	46.51	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
14013.683	46.77	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

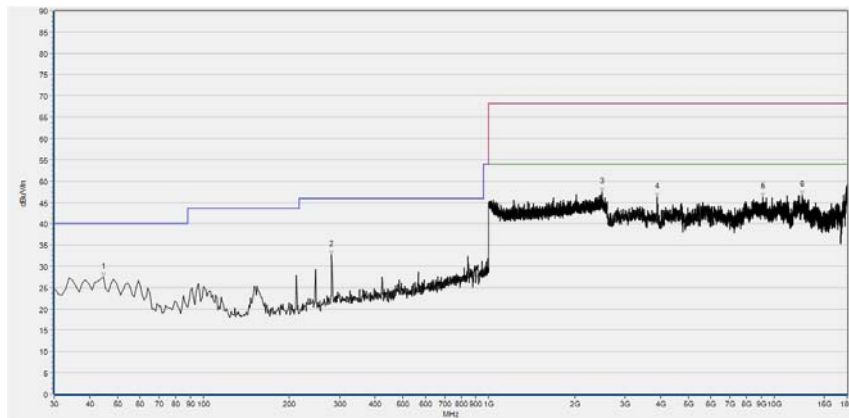


Plot for Channel = 165



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
48.448	28.65	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
281.481	29.15	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2535.979	46.92	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
5773.035	45.70	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
8745.829	47.02	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12525.745	47.52	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

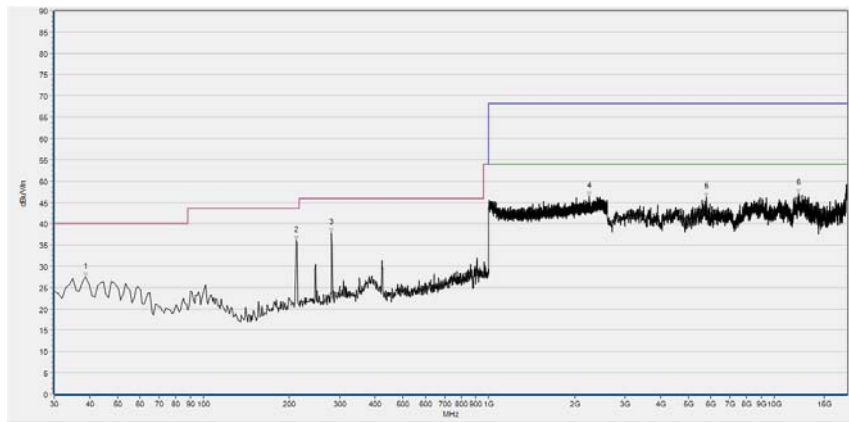


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
44.565	27.48	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
281.481	32.67	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2491.697	47.43	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
3884.617	46.25	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
9124.745	46.24	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12553.471	46.74	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

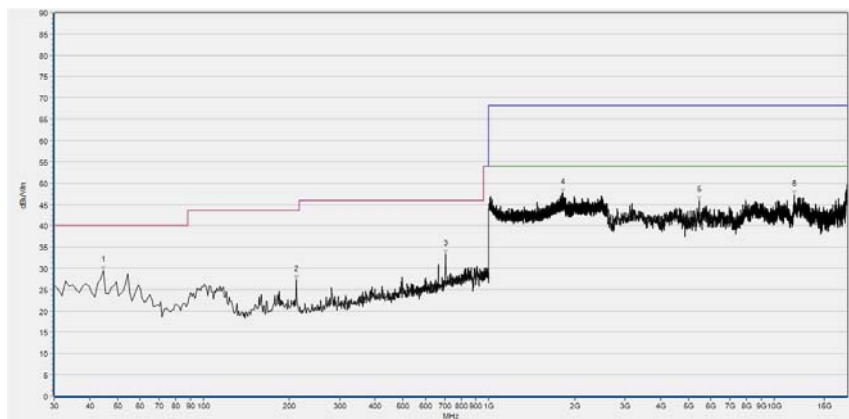
**802.11n (HT20) Test mode**

Plots 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
38.739	27.55	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
211.572	36.00	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
281.481	37.94	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2249.483	46.47	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
5799.360	46.33	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12162.232	47.04	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

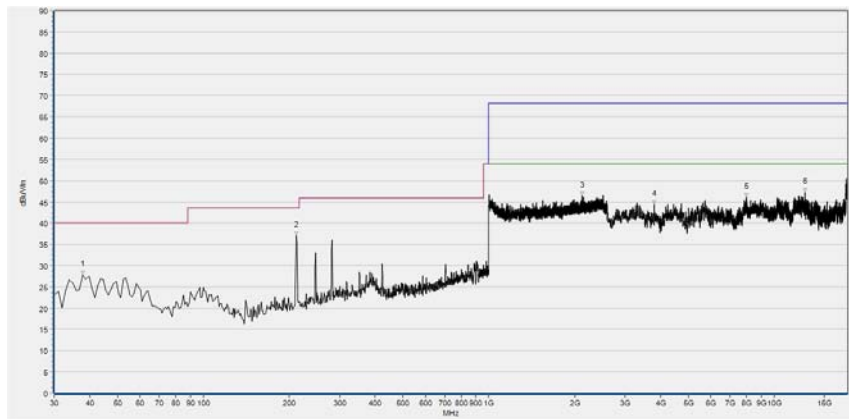


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
44.565	29.57	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
211.572	27.33	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
703.854	33.43	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1813.605	47.84	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
5463.293	45.96	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
11772.394	47.24	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

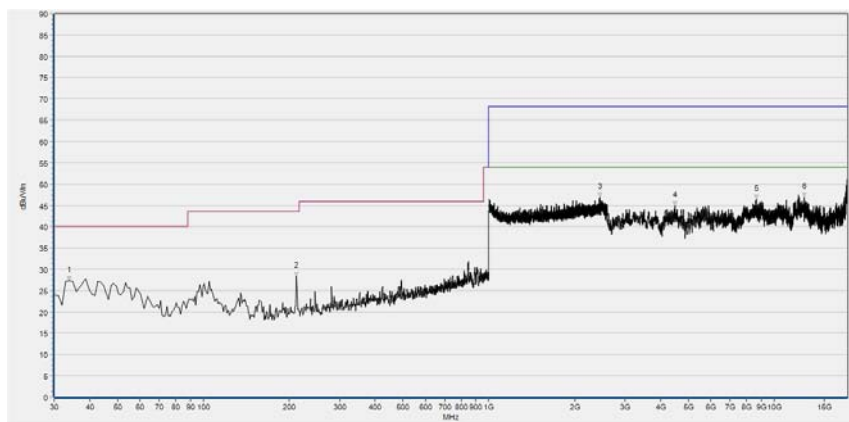


Plots for Channel = 44



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
37.768	27.87	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
211.572	37.04	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2117.706	46.39	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
3800.880	44.46	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
8008.442	46.06	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12780.596	47.34	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

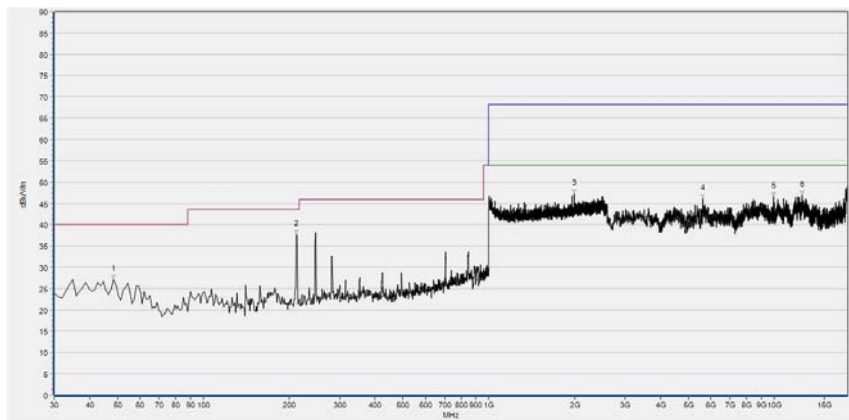


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
33.884	27.30	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
211.572	28.36	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2444.748	47.00	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
4499.900	44.83	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
8635.767	46.38	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12717.864	46.86	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

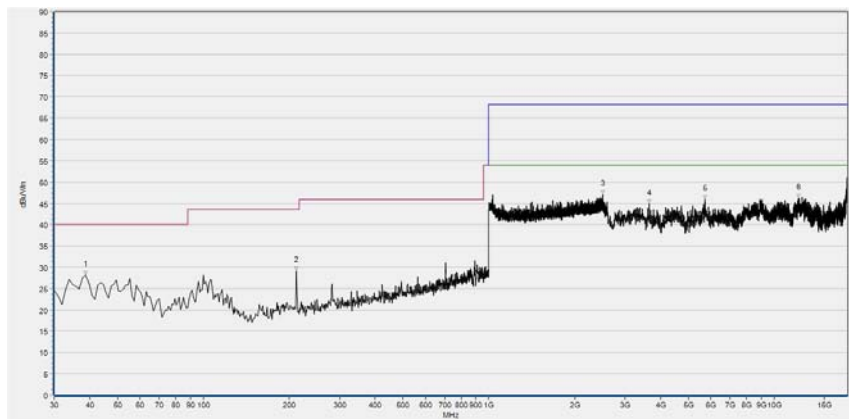


Plot for Channel = 48



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
48.448	27.08	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
211.572	37.67	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1991.797	48.14	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
5629.086	46.11	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
9921.784	46.53	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12516.223	46.89	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

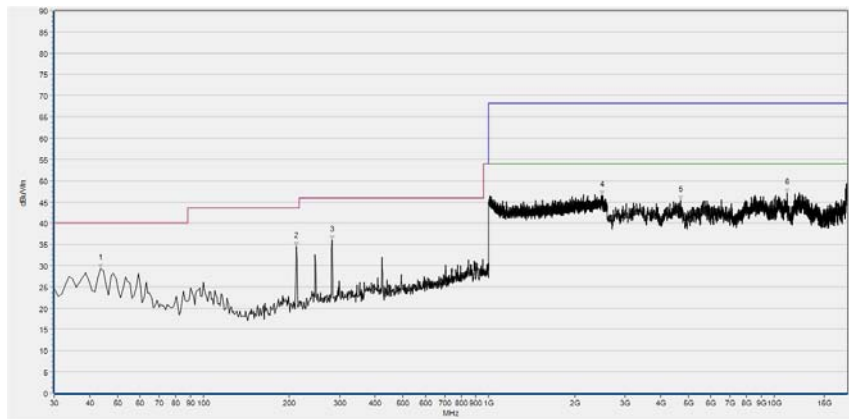


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
38.739	28.11	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
211.572	29.18	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2502.367	47.03	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
3653.011	44.86	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
5723.185	45.96	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12162.232	46.24	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

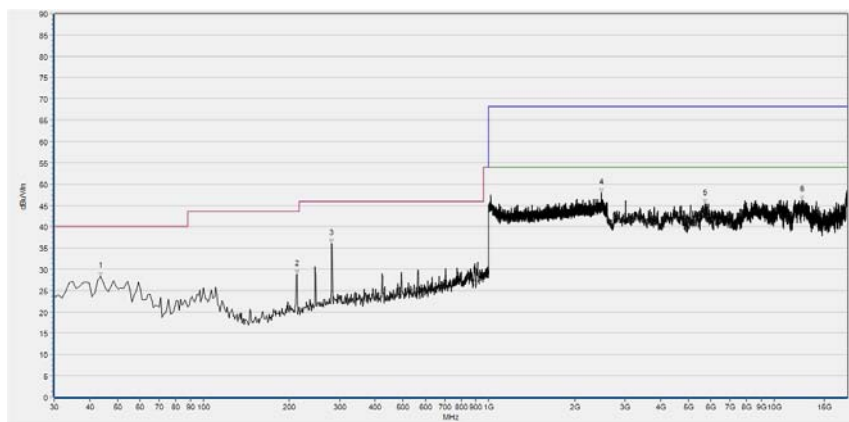


Plots for Channel = 52



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
43.594	29.36	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
211.572	34.61	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
282.452	35.96	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2486.362	46.61	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
4706.021	45.44	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
11068.894	47.12	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

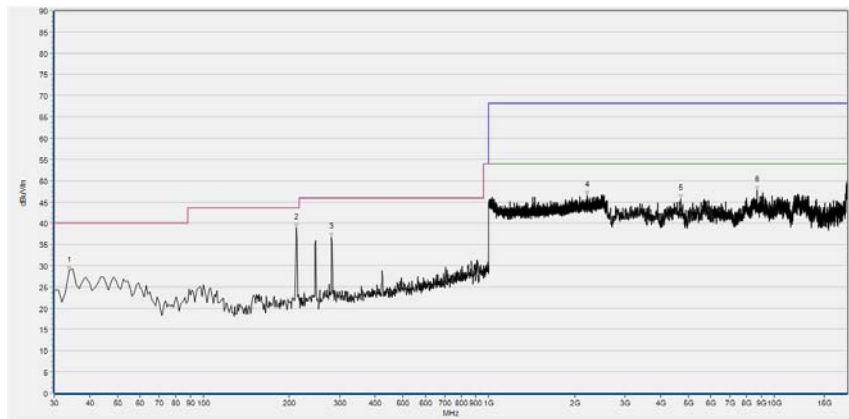


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
43.594	28.30	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
212.543	28.91	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
281.481	36.09	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2484.762	47.94	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
5709.742	45.37	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12507.261	46.23	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

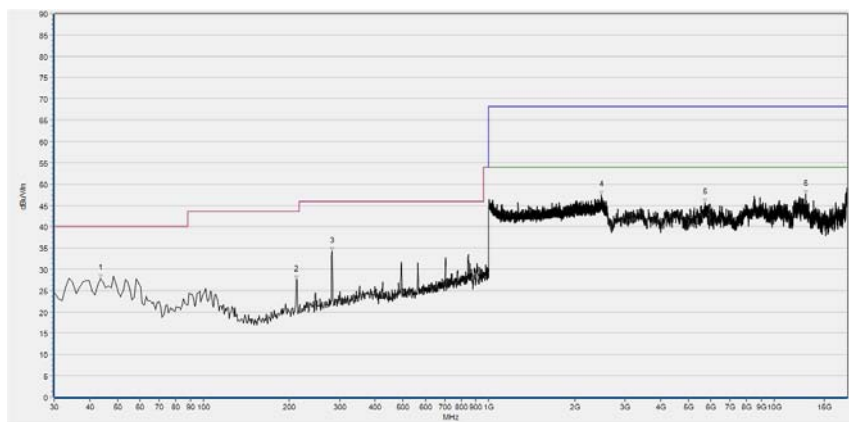


Plots for Channel = 60



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
33.884	28.77	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
211.572	38.87	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
281.481	36.65	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2207.869	46.60	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
4710.502	45.81	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
8689.538	47.82	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

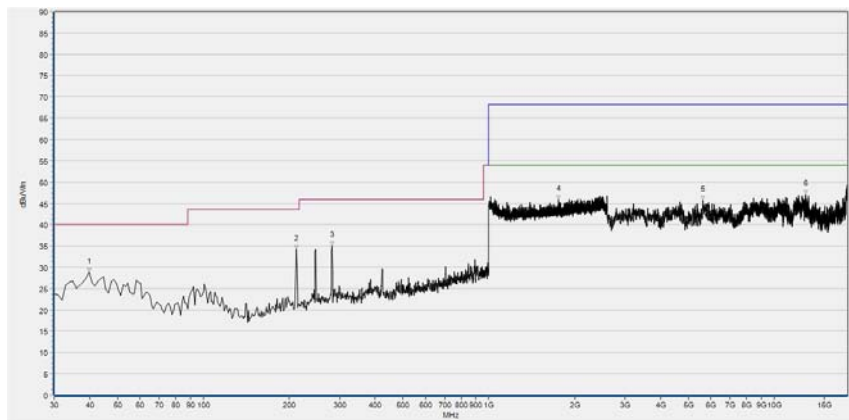


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
43.594	27.79	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
211.572	27.49	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
282.452	34.24	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2479.426	47.51	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
5714.223	45.62	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12901.580	47.54	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

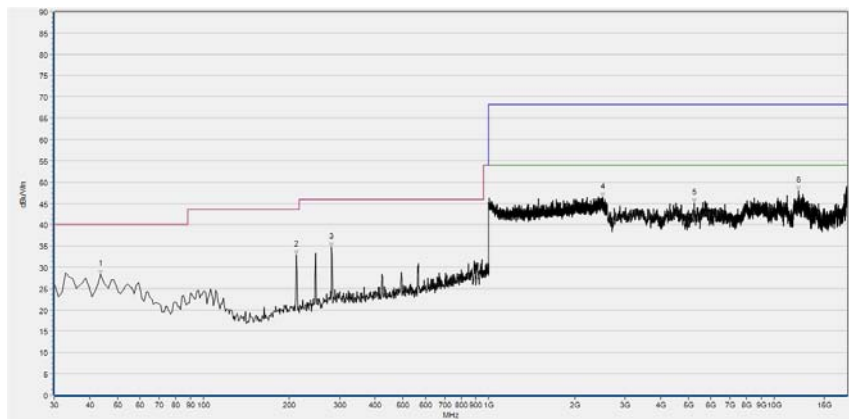


Plot for Channel = 64



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
39.710	28.78	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
211.572	34.12	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
282.452	35.04	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1750.117	45.94	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
5633.567	45.69	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12901.580	47.03	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

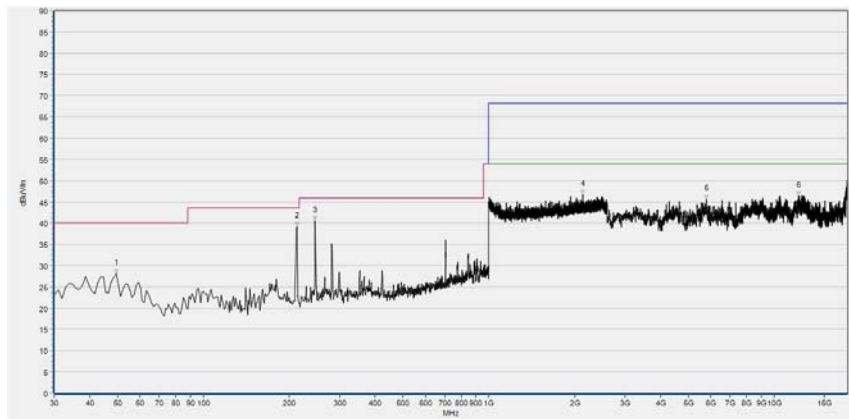


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
43.594	28.31	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
211.572	32.88	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
281.481	34.62	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2501.300	46.42	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
5248.210	45.05	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12162.232	47.86	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

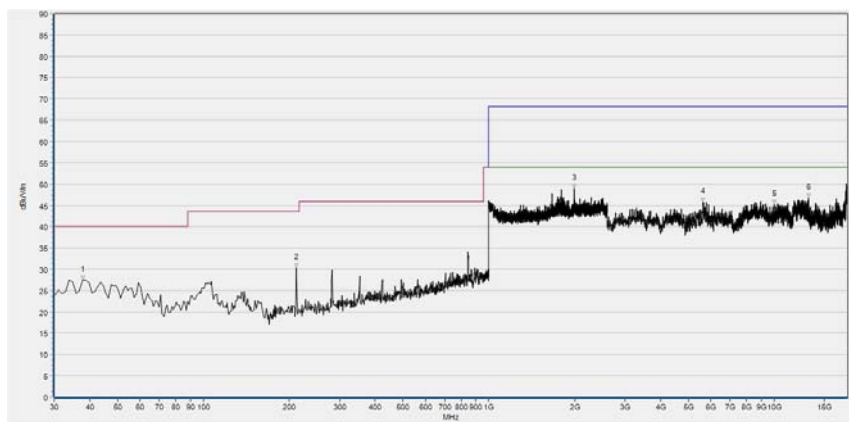


Plots for Channel = 100



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
49.419	28.24	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
212.543	39.28	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
246.527	40.51	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2139.580	46.70	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
5794.879	45.55	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12153.271	46.39	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

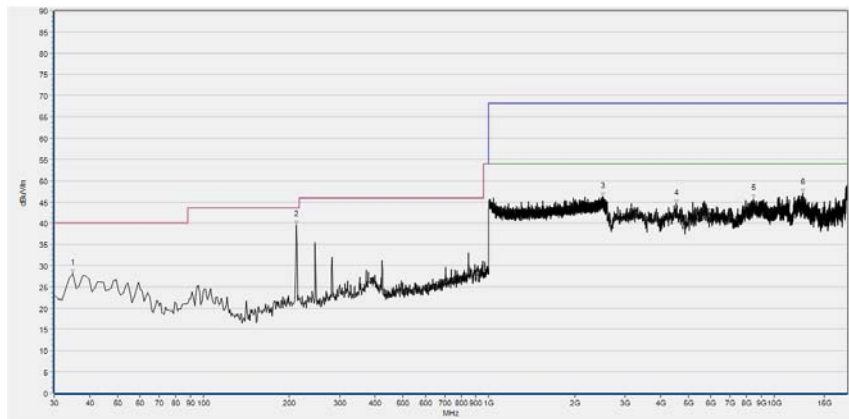
(Antenna Horizontal, 30MHz to 18GHz)



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
37.768	27.43	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
211.572	30.33	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1994.465	49.01	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
5633.567	45.74	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
9993.479	45.29	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
13170.434	46.72	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

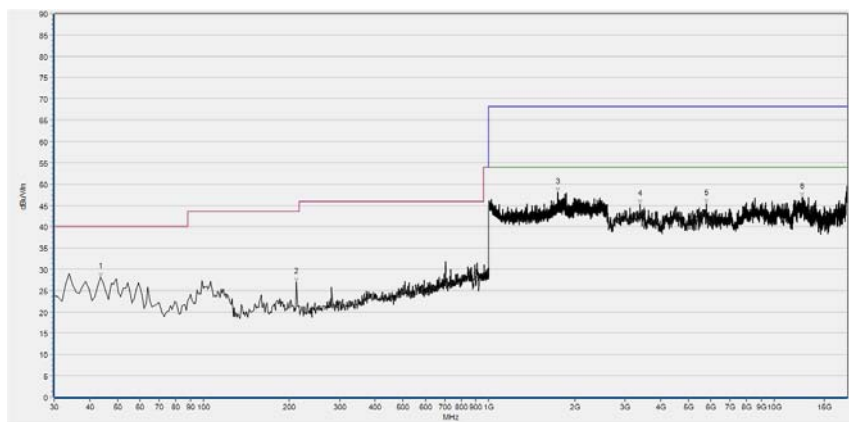
(Antenna Vertical, 30MHz to 18GHz)

Plots for Channel = 120



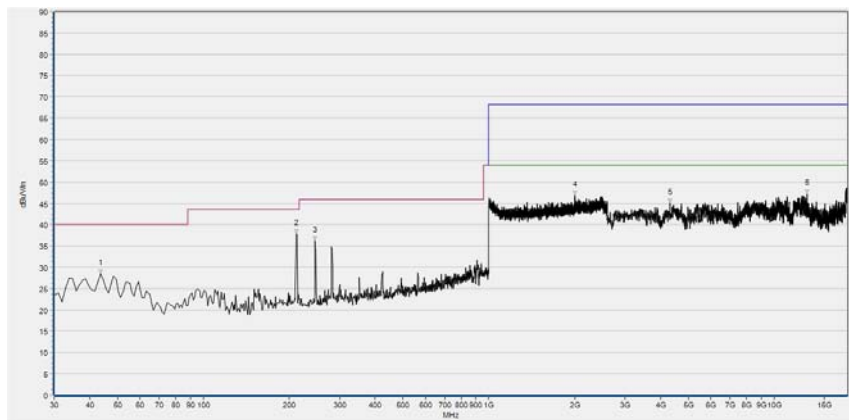
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
34.855	28.15	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
211.572	39.48	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2506.636	46.25	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
4535.747	44.59	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
8456.531	45.75	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12614.803	47.03	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



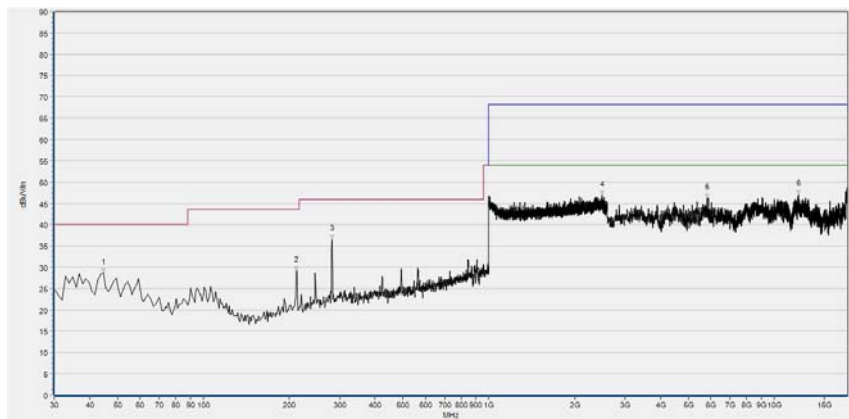
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
43.594	28.10	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
211.572	27.06	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1744.782	48.10	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
3393.119	45.22	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
5781.436	45.45	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12525.185	46.87	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel = 134

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
43.594	28.47	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
211.572	37.96	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
246.527	36.23	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2003.535	46.97	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
4316.183	45.00	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
13058.412	47.30	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

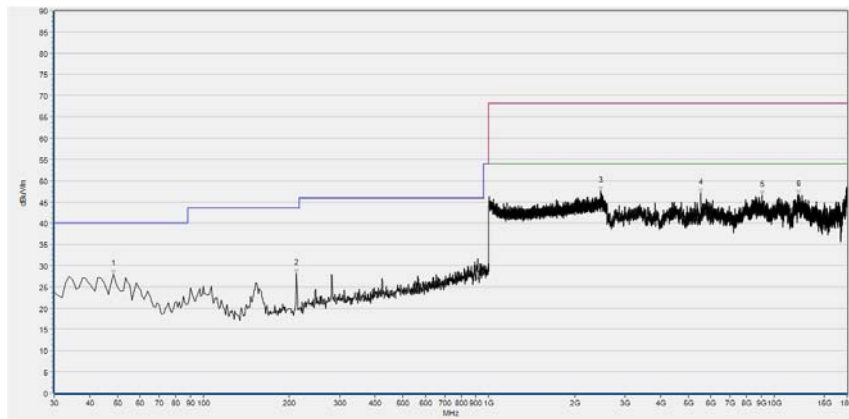


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
44.565	28.67	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
211.572	29.23	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
282.452	36.49	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
2486.362	46.97	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
5803.841	46.21	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12153.271	47.06	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

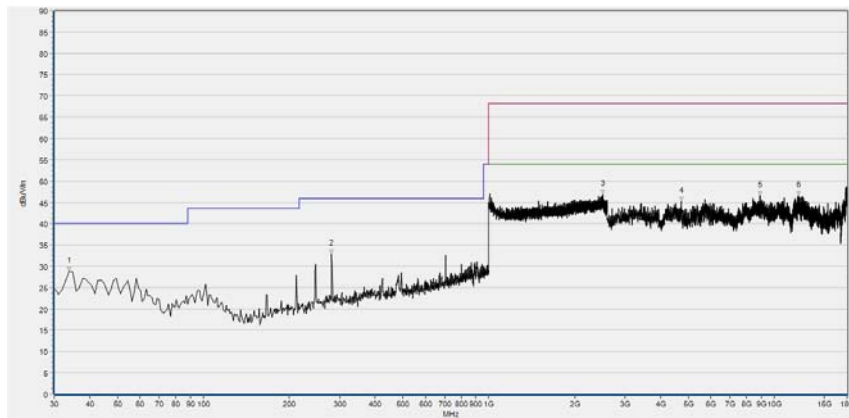


Plots for Channel = 149



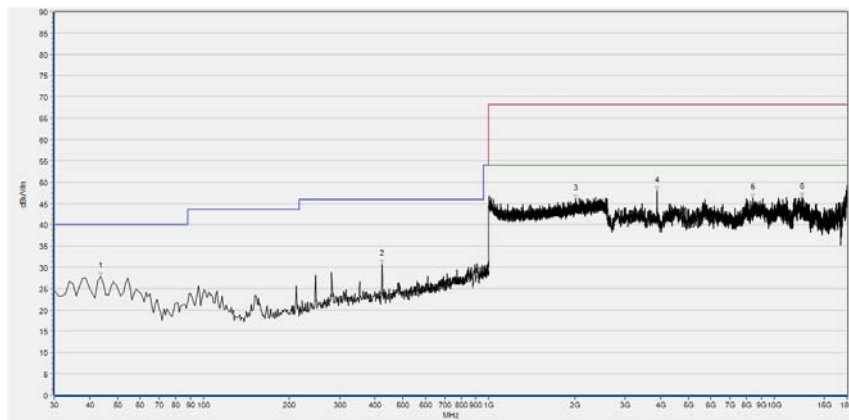
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
48.448	27.94	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
211.572	28.23	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2467.156	47.59	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
5535.827	47.02	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
9053.891	46.58	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12143.749	46.84	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



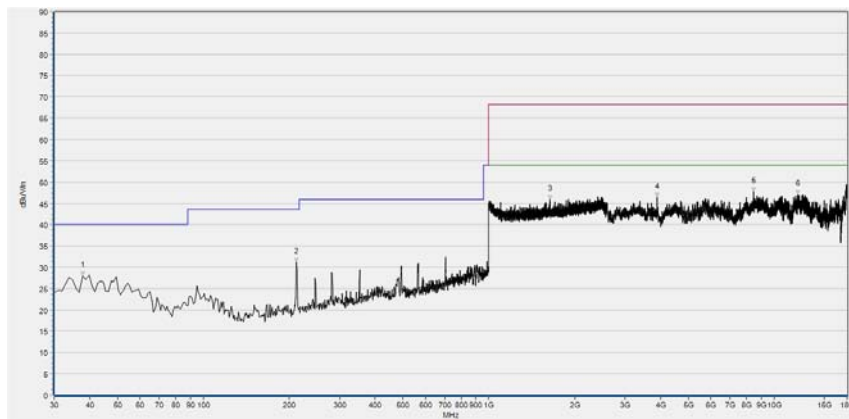
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
33.884	28.80	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
281.481	32.86	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2503.434	46.90	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
4716.383	45.27	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
8887.538	46.59	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12162.232	46.62	N/A	N/A	68.23	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
43.594	27.80	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
423.243	30.69	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2018.473	46.08	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
3884.617	47.98	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
8394.639	46.27	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12522.665	46.37	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

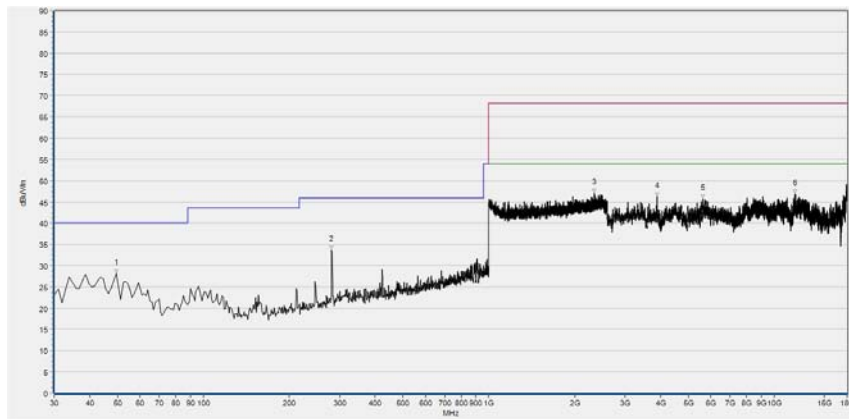
(Antenna Horizontal, 30MHz to 18GHz)



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
37.768	28.02	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
211.572	31.09	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1641.280	45.85	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
3884.617	46.38	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
8447.009	47.70	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12088.298	47.13	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

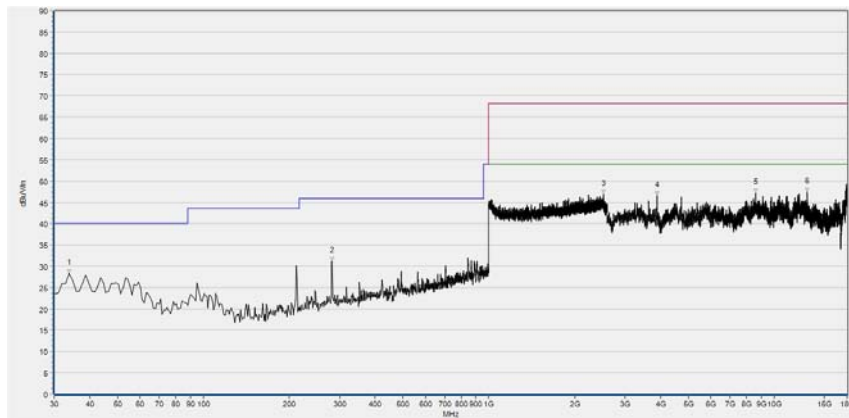
(Antenna Vertical, 30MHz to 18GHz)

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
49.419	28.10	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
281.481	33.77	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2336.445	47.10	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
3884.617	46.27	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
5625.165	45.70	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
11848.010	46.89	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

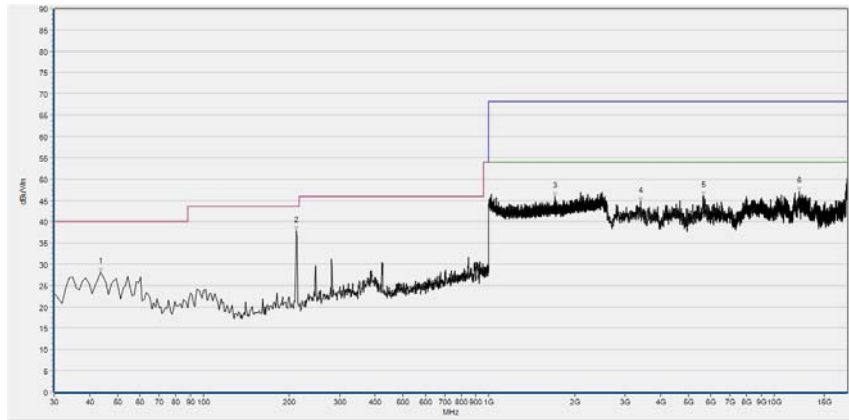


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
33.884	28.30	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
282.452	31.16	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2522.641	46.95	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
3881.536	46.68	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
8616.443	47.24	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
13071.014	47.36	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

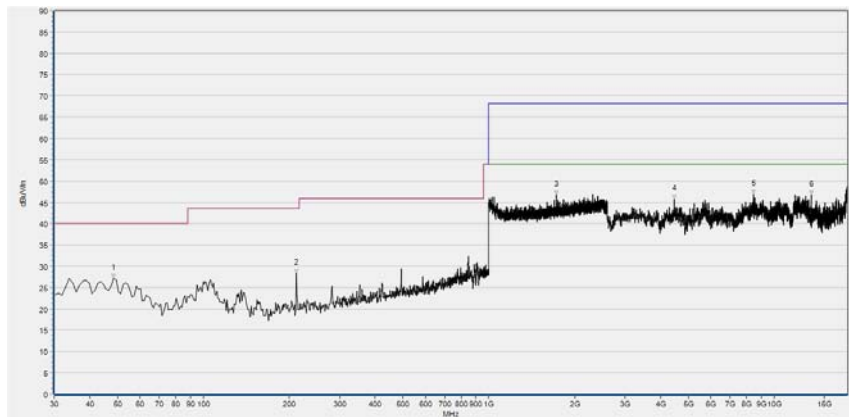
**802.11n (HT40) Test mode**

Plots 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
43.594	28.23	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
211.572	37.82	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1704.768	45.85	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
3397.600	44.83	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
5647.009	46.01	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12233.927	47.05	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

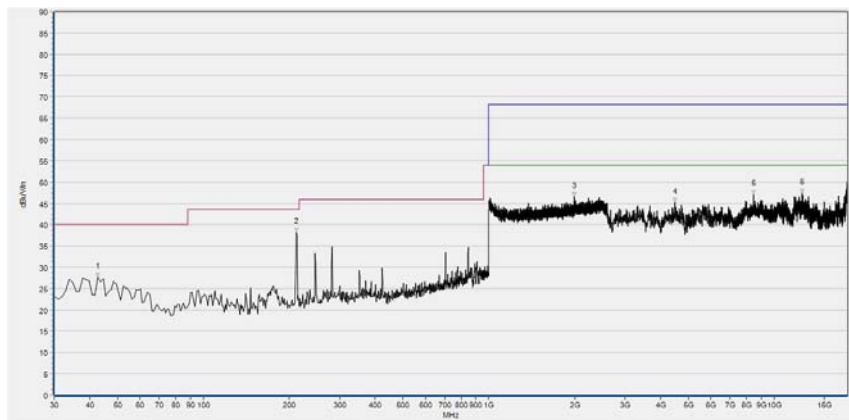


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
48.448	27.17	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
211.572	28.40	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1724.508	46.70	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
4455.091	45.77	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
8452.050	46.98	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
13457.211	46.78	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

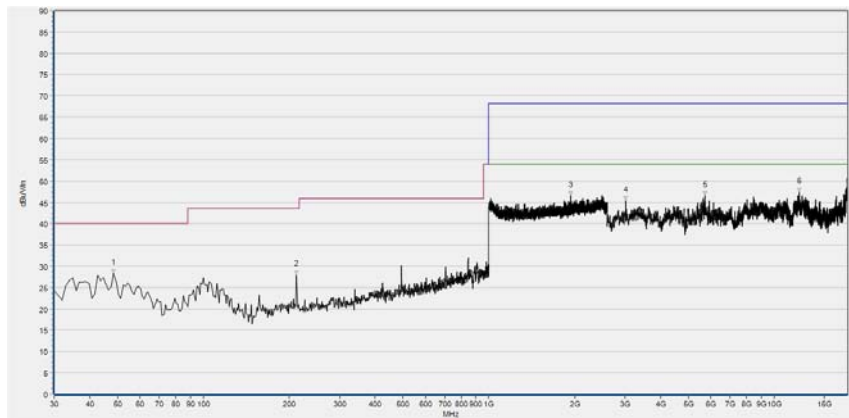


Plot for Channel = 46



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
42.623	27.68	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
211.572	38.18	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1990.730	46.61	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
4477.495	45.28	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
8443.089	47.11	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12529.666	47.39	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

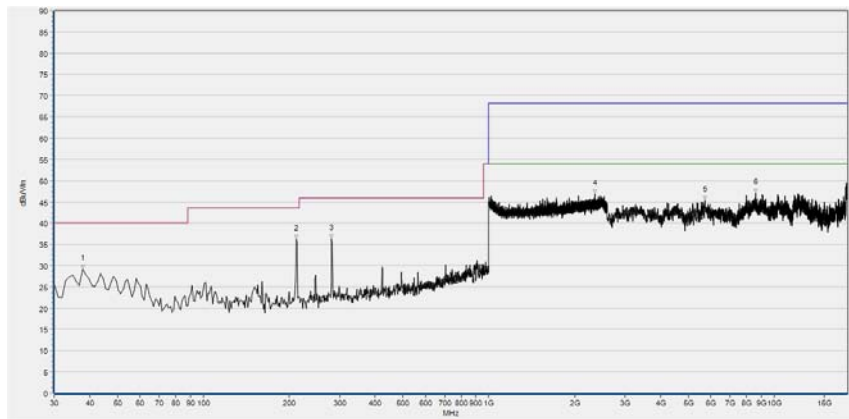


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
48.448	28.31	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
211.572	27.93	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1934.712	46.53	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
3021.204	45.44	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
5705.261	46.59	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12229.446	47.37	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

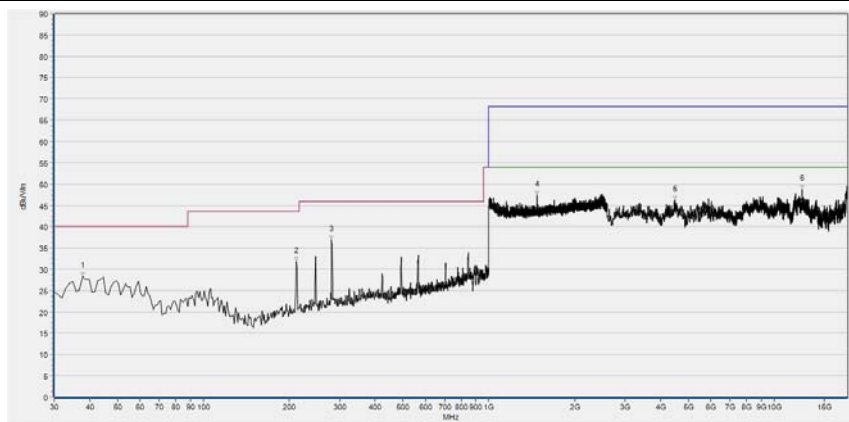


Plots for Channel = 54



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
37.768	29.18	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
211.572	36.18	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
281.481	36.30	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2359.920	46.99	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
5714.223	45.44	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
8617.844	47.15	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

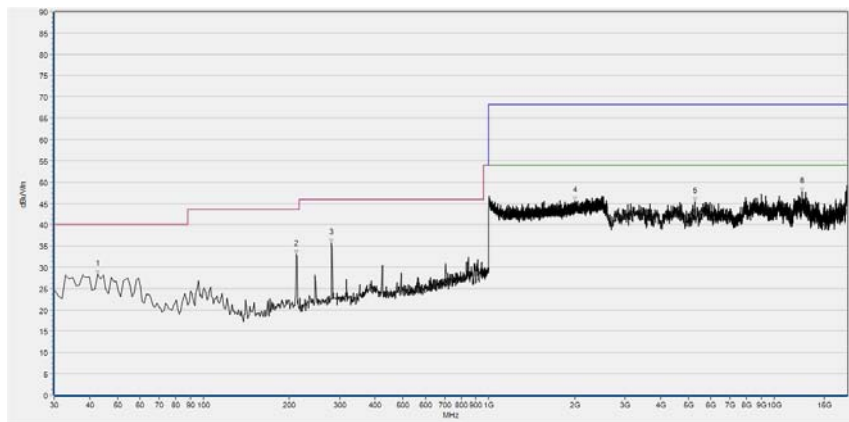


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
37.768	28.31	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
211.572	31.82	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
281.481	36.84	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1475.892	47.44	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4477.495	46.32	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12516.223	48.79	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

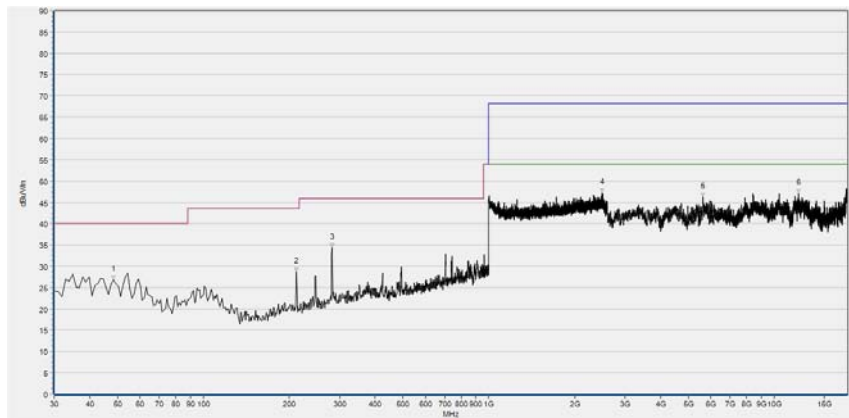


Plot for Channel = 62



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
42.623	28.32	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
211.572	32.95	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
281.481	35.65	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2006.202	45.50	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
5261.652	45.43	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12516.223	47.69	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

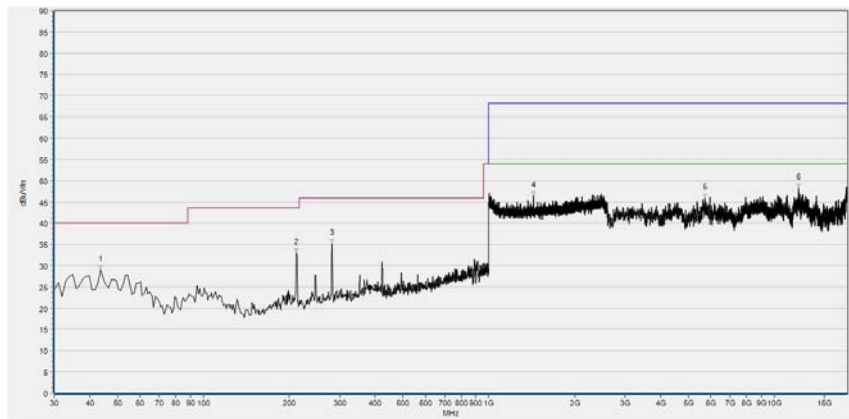
(Antenna Horizontal, 30MHz to 18GHz)



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
48.448	26.87	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
211.572	28.60	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
282.452	34.38	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2497.032	47.21	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
5633.567	46.28	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12162.232	47.17	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

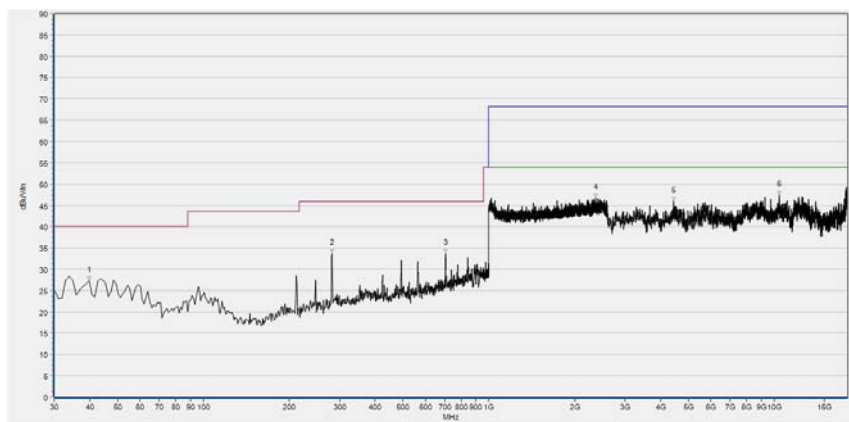
(Antenna Vertical, 30MHz to 18GHz)

Plots 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
43.594	28.97	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
211.572	33.03	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
282.452	35.15	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1436.946	46.36	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
5723.185	45.92	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12139.828	48.31	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

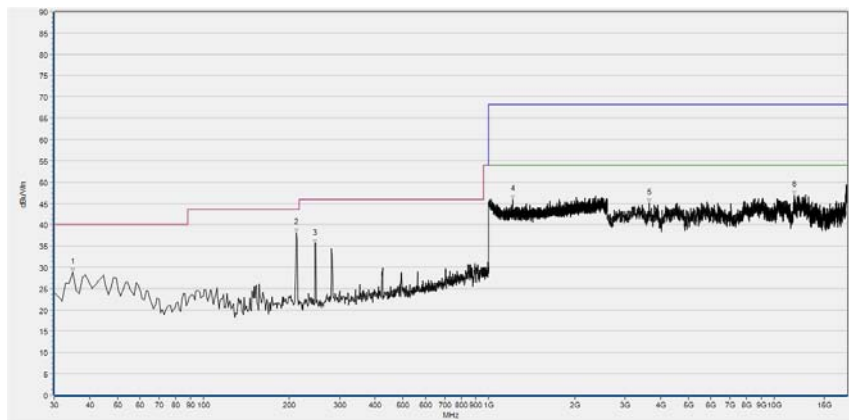


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
39.710	27.27	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
282.452	33.62	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
705.796	33.61	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2366.322	46.74	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
4446.129	45.99	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
10414.683	47.37	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

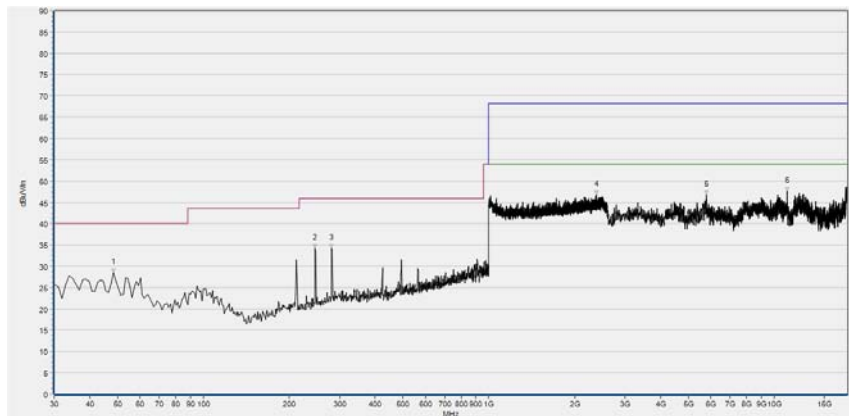


Plot for Channel = 126



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
34.855	28.89	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
211.572	38.07	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
246.527	35.55	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1213.938	45.89	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
3648.530	45.15	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
11781.356	46.93	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

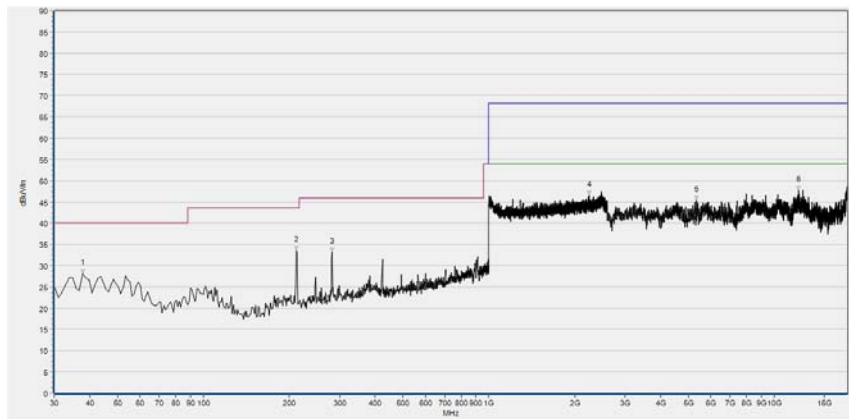


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
48.448	28.45	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
246.527	34.18	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
281.481	34.15	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2379.126	46.84	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
5794.879	46.76	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
11073.375	47.57	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

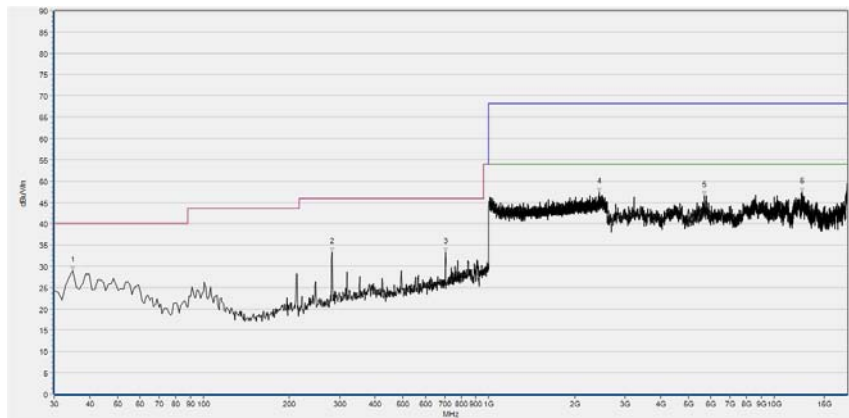


Plot for Channel = 134



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
37.768	28.15	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
211.572	33.46	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
282.452	33.22	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2248.950	46.52	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
5342.308	45.34	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12171.194	47.70	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

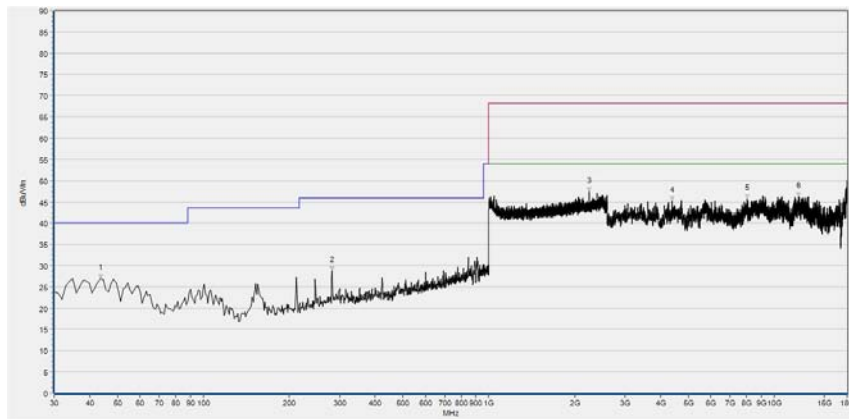


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
34.855	29.02	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
282.452	33.43	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
703.854	33.28	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2429.810	47.41	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
5700.780	46.57	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12529.666	47.45	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

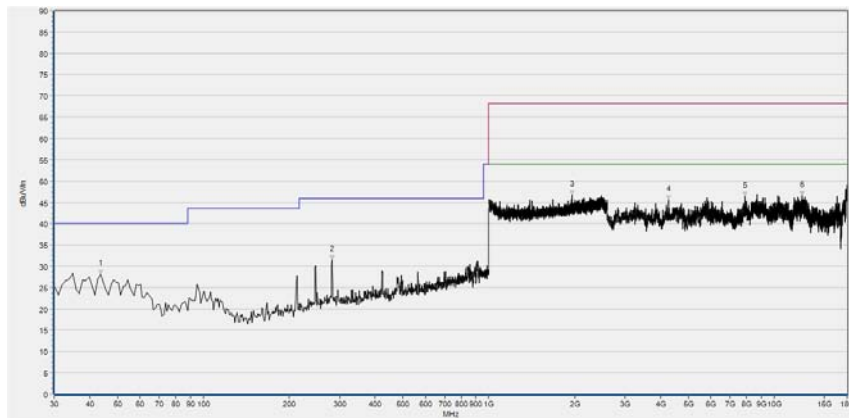


Plot for Channel = 151



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
43.594	27.04	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
282.452	28.89	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2250.017	47.36	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
4374.435	45.17	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
8024.965	45.68	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12156.071	46.26	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

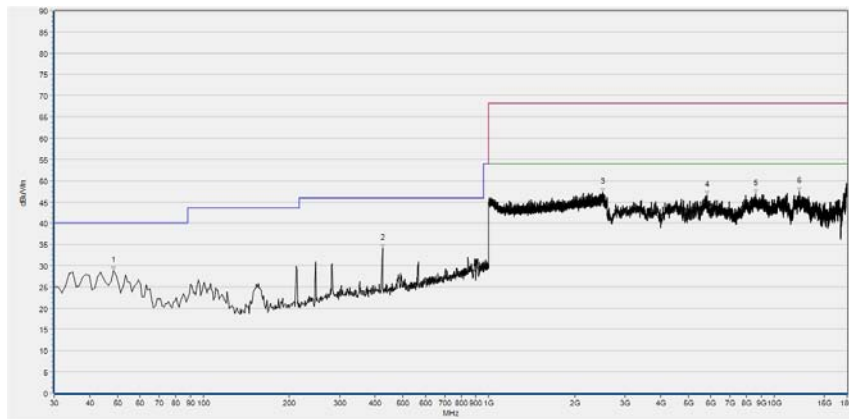


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
43.594	28.22	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
282.452	31.57	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1953.918	46.78	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
4260.452	45.64	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
7883.257	46.44	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12525.745	46.58	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

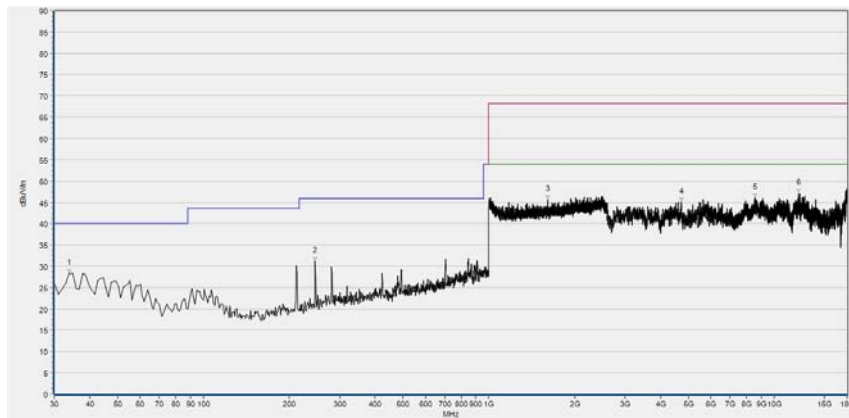


Plots for Channel = 159



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
48.448	28.88	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
424.214	33.95	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2502.367	47.23	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
5803.841	46.55	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
8610.282	46.89	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12220.764	47.42	N/A	N/A	68.23	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
33.884	28.30	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
246.527	31.10	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1608.203	45.52	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
4728.706	45.15	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
8576.395	46.01	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12152.991	47.16	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)



2.9. Automatically discontinue transmission requirement

2.9.1. Requirement

According to 15.407(c), the device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signalling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met

2.9.2. Result

The EUT will automatically discontinue transmission in case of either absence of information to transmit or operational failure.



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	$\pm 2.22\text{dB}$
Power spectral density (PSD)	$\pm 2.22\text{dB}$
Bandwidth	$\pm 5\%$
Restricted Frequency Bands	$\pm 5\%$
Radiated Emission	$\pm 2.95\text{dB}$
Conducted Emission	$\pm 2.44\text{dB}$

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

Company Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Department:	Morlab Laboratory
Address:	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, Guangdong Province, P. R. China
Responsible Test Lab Manager:	Mr. Su Feng
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 C63.10-2013 and CISPR Publication 22; the FCC designation number is CN1192.



4. Test Equipments Utilized

4.1 Conducted Test Equipments

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Cal. Due
Power Splitter	NW521	1506A	Weinschel	2017.05.24	2018.05.23
Attenuator 1	(N/A.)	10dB	Resnet	2017.05.24	2018.05.23
Attenuator 2	(N/A.)	3dB	Resnet	2017.05.24	2018.05.23
EXA Signal Analyzer	MY53470836	N9010A	Agilent	2017.12.03	2018.12.02
USB Wideband Power Sensor	MY54210011	U2021XA	Agilent	2017.05.24	2018.05.23
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

4.2 Conducted Emission Test Equipments

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Cal. Due
Receiver	MY56400093	N9038A	KEYSIGHT	2017.07.13	2018.07.12
LISN	812744	NSLK 8127	Schwarzbeck	2017.05.17	2018.05.16
Pulse Limiter (20dB)	9391	VTSD 9561-D	Schwarzbeck	2017.05.17	2018.05.16
Coaxial cable(BNC) (30MHz-26GHz)	CB01	EMC01	Morlab	N/A	N/A

4.3 Auxiliary Test Equipment

Equipment Name	Model No.	Brand Name	Manufacturer	Cal.Date	Cal. Due
Computer	T430i	Think Pad	Lenovo	N/A	N/A

4.4 List of Software Used

Description	Manufacturer	Software Version
Test system	Tonscend	V2.6
Power Panel	Agilent	V3.8
MORLAB EMCR V1.2	MORLAB	V 1.0

**4.4 Radiated Test Equipments**

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Cal. Due
Receiver (10Hz-44GHz)	MY54130016	N9038A	Agilent	2017.05.17	2018.05.16
Test Antenna - Bi-Log (30MHz-3GHz)	9163-519	VULB 9163	Schwarzbeck	2017.05.14	2018.05.13
Test Antenna – Horn (1G-18GHz)	01774	BBHA 9120D	Schwarzbeck	2017.09.13	2018.09.12
Test Antenna – Horn (18G-40GHz)	9170C-531	BBHA9170	Schwarzbeck	2017.09.13	2018.09.12
Test Antenna – Loop (9 kHz-30MHz)	1519-022	FMZB1519	Schwarzbeck	2018.03.02	2019.03.01
Coaxial cable (N male) (9KHz-30MHz)	CB04	EMC04	Morlab	N/A	N/A
Coaxial cable (N male) (30MHz-40GHz)	CB02	EMC02	Morlab	N/A	N/A
1-18GHz pre-Amplifier	MA02	TS-PR18	Rohde& Schwarz	2017.05.17	2018.05.16
18-26.5GHz pre-Amplifier	MA03	TS-PR18	Rohde& Schwarz	2017.05.17	2018.05.16
18-40GHz pre-Amplifier	C00990	NSP4000- SP2	Miteq	2017.05.17	2018.05.16
Anechoic Chamber	N/A	9m*6m*6m	CRT	2017.11.19	2020.11.18

————— END OF REPORT —————