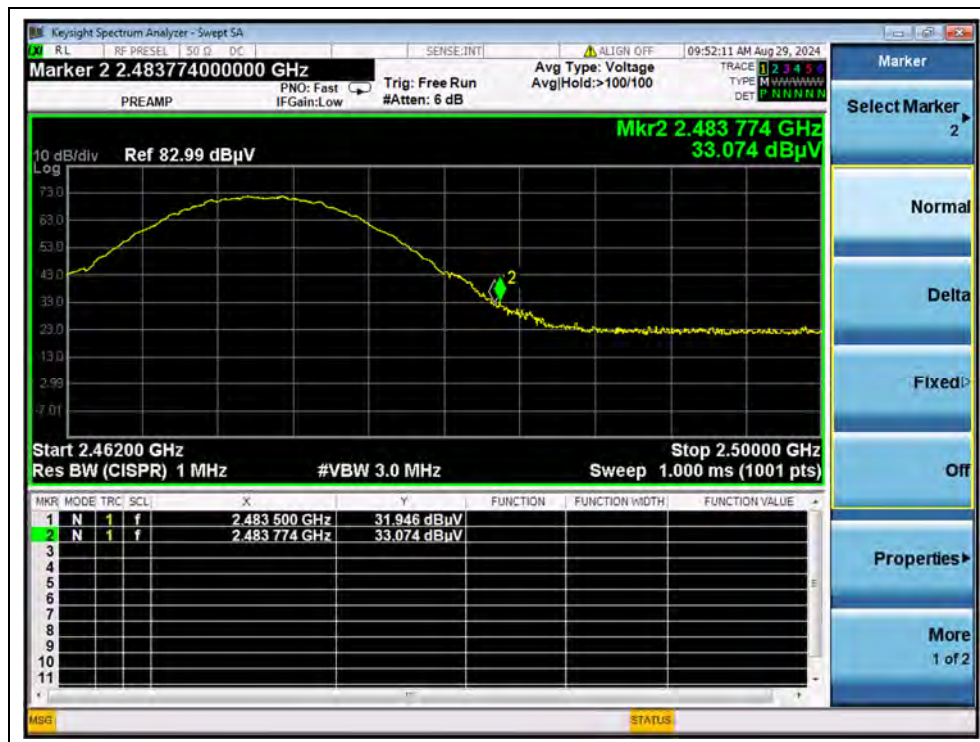




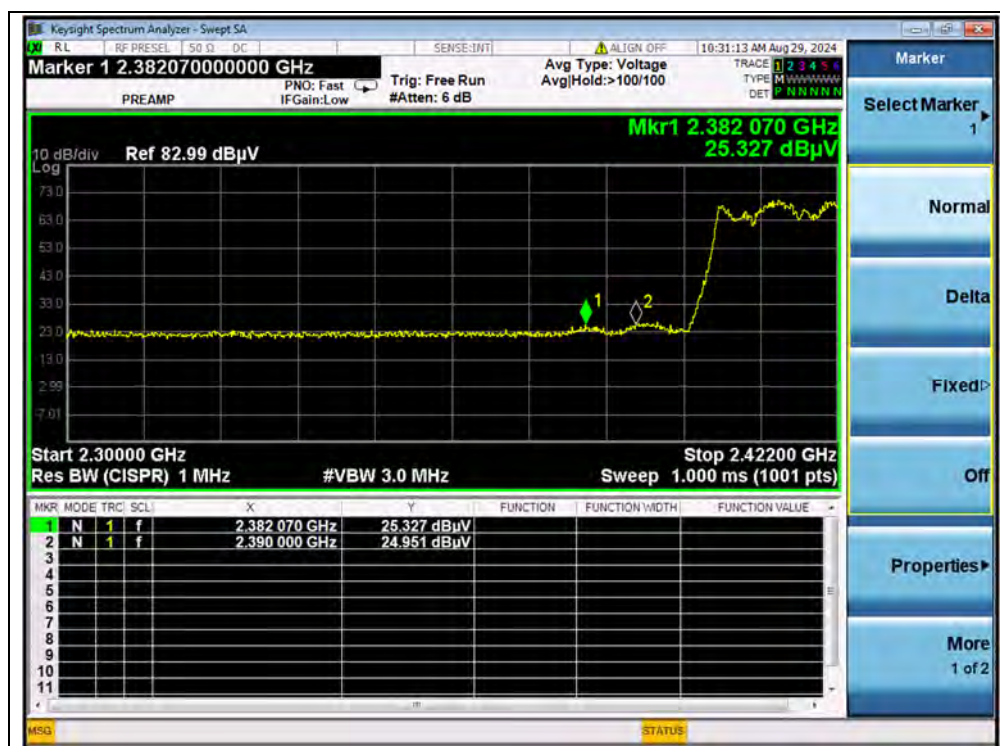
(PEAK, Channel 13, 802.11b)



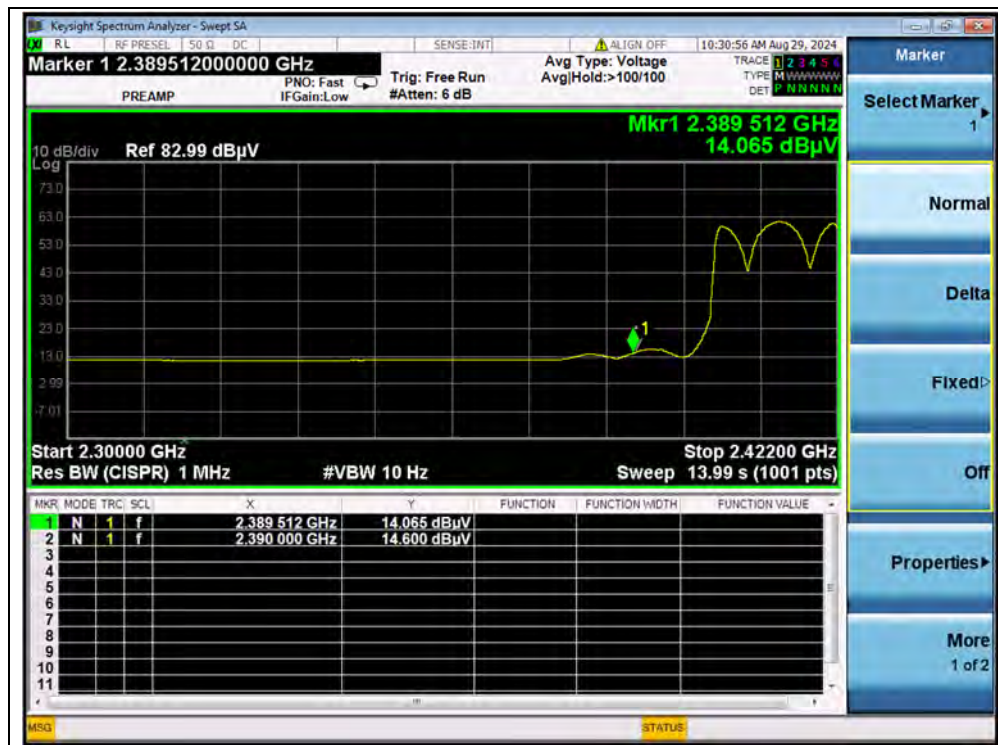
(AVERAGE, Channel 13, 802.11b)

**802.11ax (HEW40) Mode**

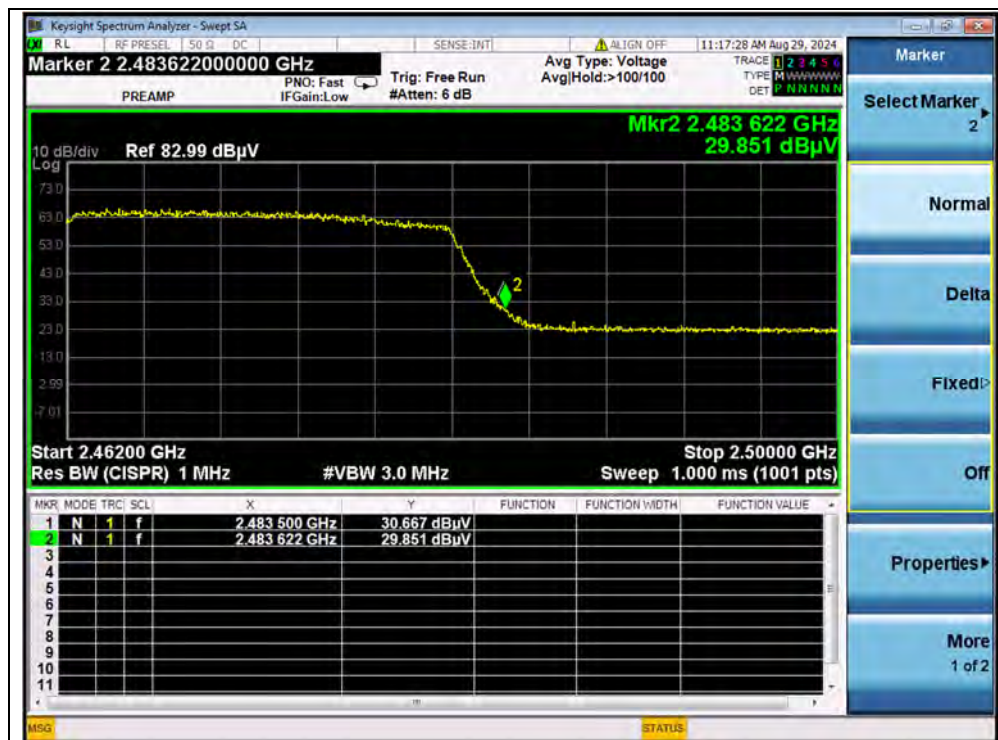
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
3	2382.07	PK	25.33	6.74	27.20	59.27	74	PASS
3	2390.00	AV	14.60	6.74	27.20	48.54	54	PASS
11	2483.50	PK	30.67	6.74	27.20	64.61	74	PASS
11	2483.50	AV	15.43	6.74	27.20	49.37	54	PASS



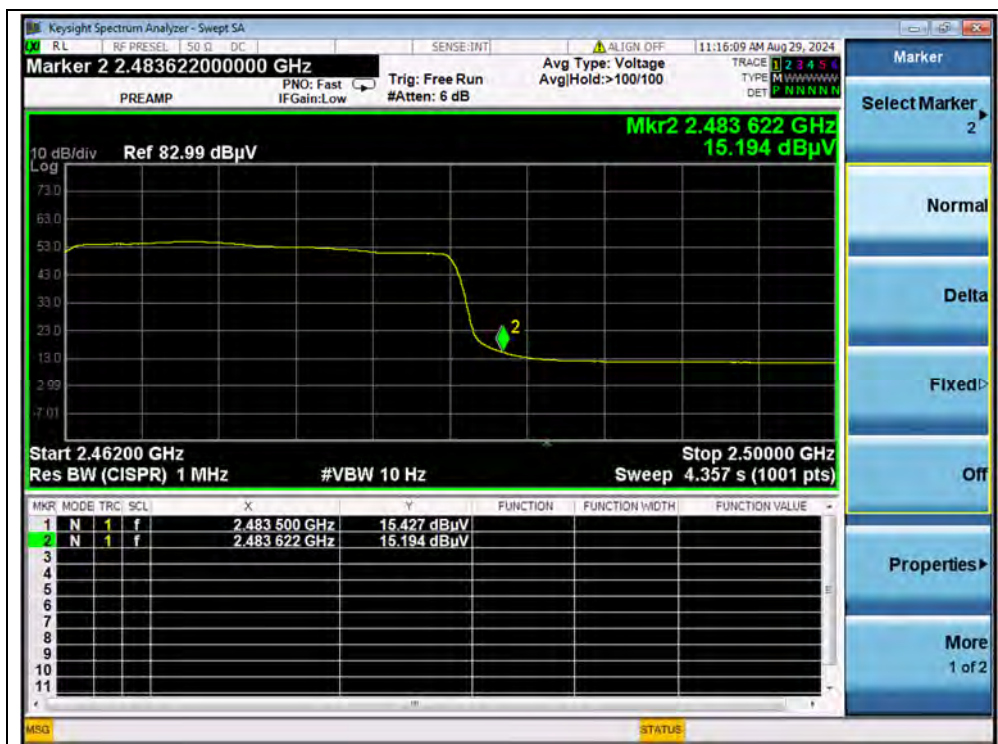
(PEAK, Channel 3, 802.11ax (HEW40))



(AVERAGE, Channel 3, 802.11ax (HEW40))



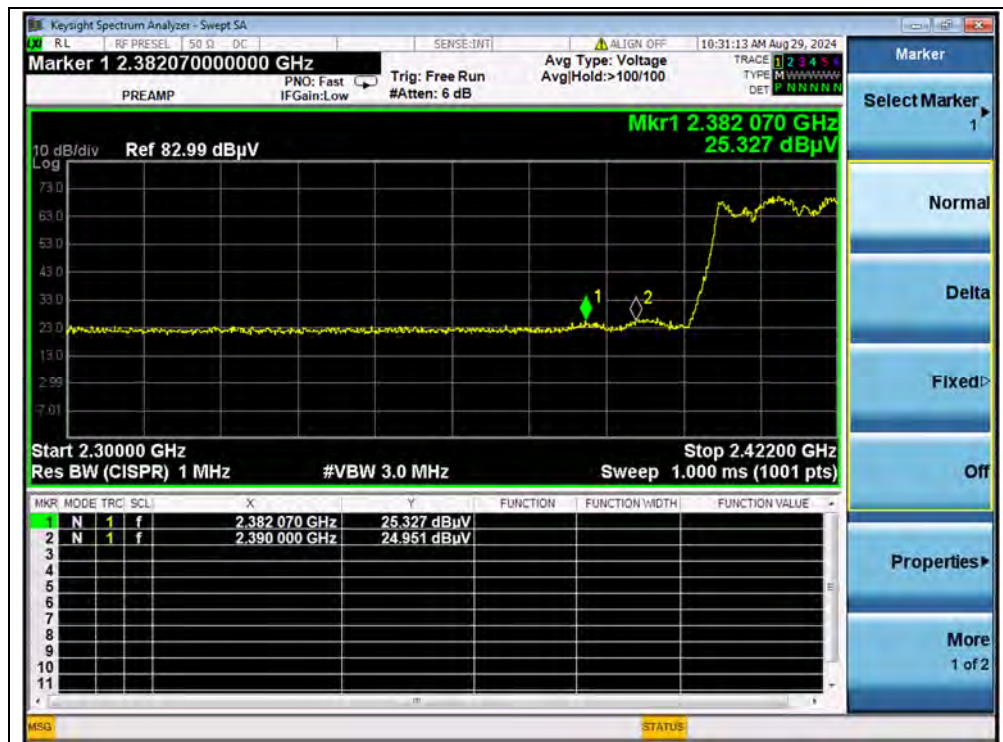
(PEAK, Channel 11, 802.11ax (HEW40))



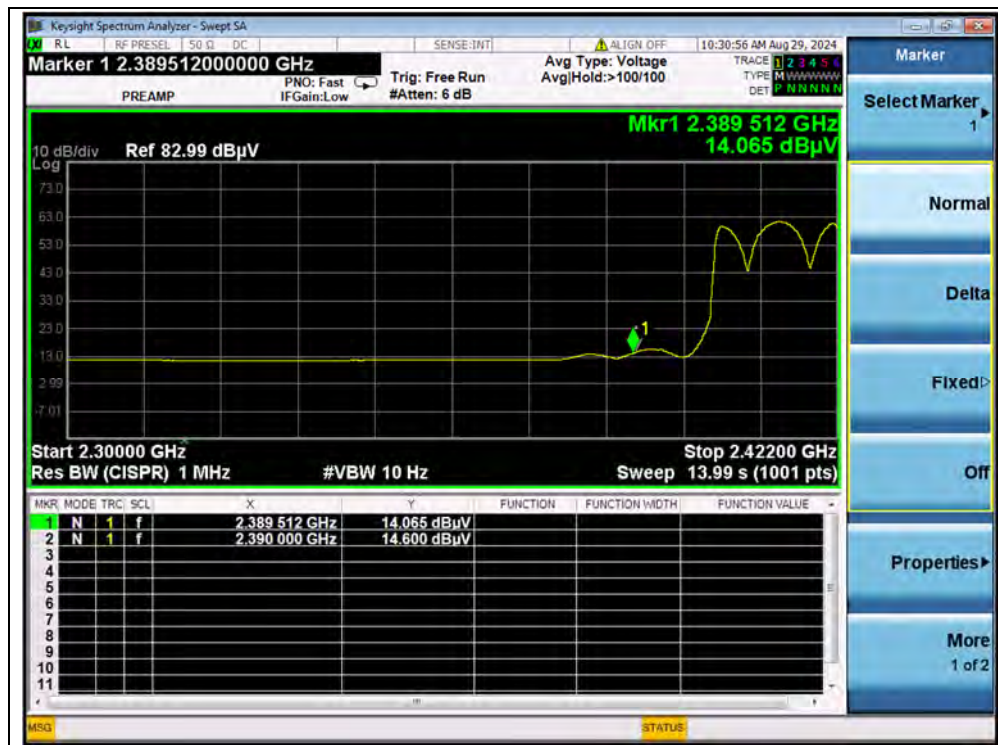
(AVERAGE, Channel 11, 802.11ax (HEW40))

**802.11ax (HEW20) RU26 Mode**

Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
1	2390.00	PK	30.64	6.74	27.20	64.58	74	PASS
1	2390.00	AV	12.26	6.74	27.20	46.20	54	PASS
13	2483.50	PK	31.04	6.74	27.20	64.98	74	PASS
13	2483.50	AV	13.03	6.74	27.20	46.97	54	PASS



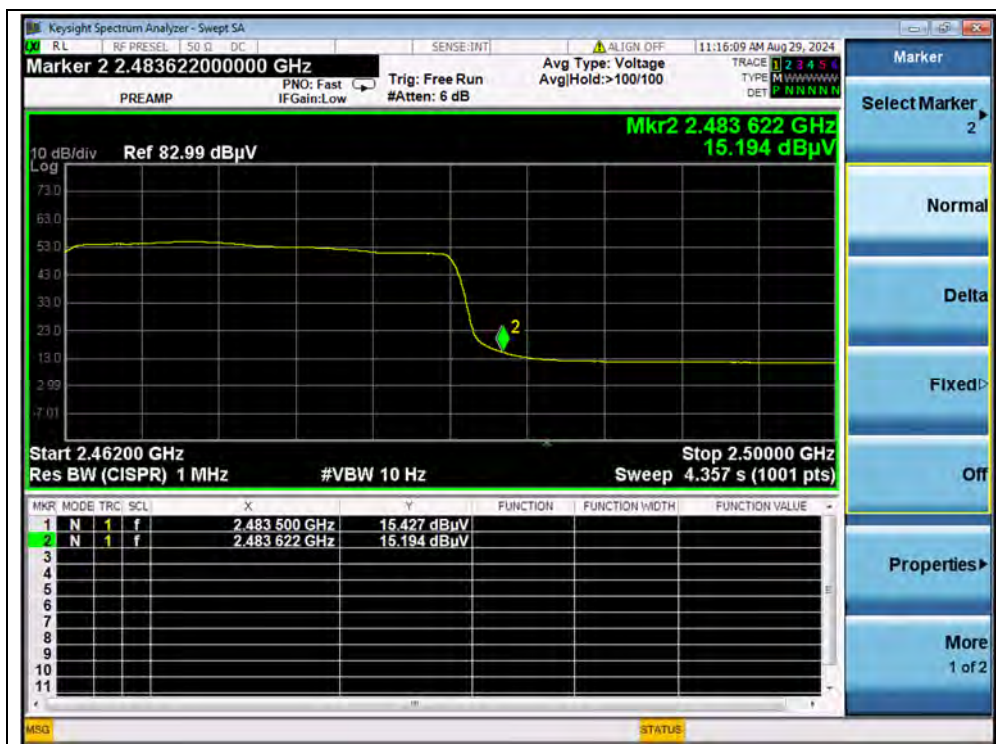
(PEAK, Channel 1, 802.11ax (HEW20) RU26)



(AVERAGE, Channel 1, 802.11ax (HEW20) RU26)



(PEAK, Channel 13, 802.11ax (HEW20) RU26)



(AVERAGE, Channel 13, 802.11ax (HEW20) RU26)



A.10. Radiated Emission

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

The measurement results are obtained as below:

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

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.

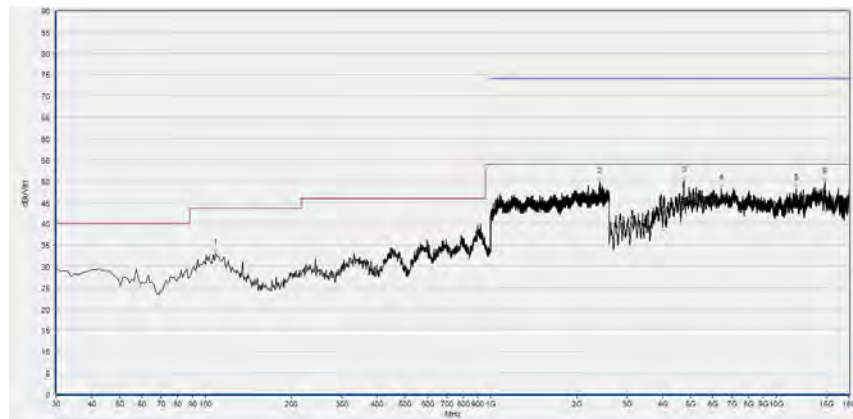
Note 2: All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

Note 3: 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 4: For the frequency, which started from 18GHz to 10th harmonic of the highest frequency, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

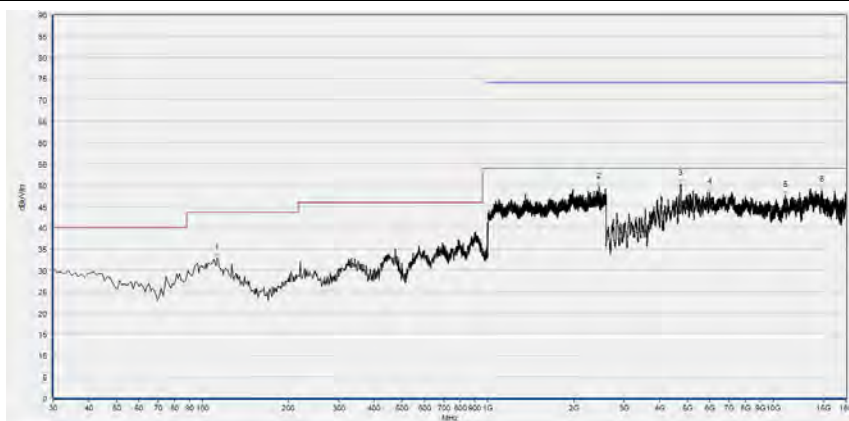
**802.11b Mode**

Plot for Channel 1



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
108.570	33.05	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2411.733	49.80	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4743.680	50.08	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
6413.040	48.27	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
11759.920	48.30	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
14778.320	49.73	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

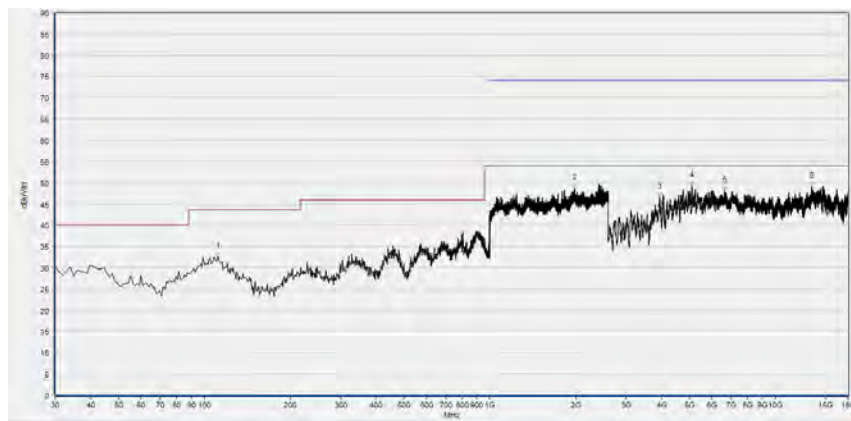


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
112.450	32.92	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2450.667	49.69	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4737.520	50.24	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5972.600	48.25	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
11005.320	47.66	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
14759.840	48.69	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

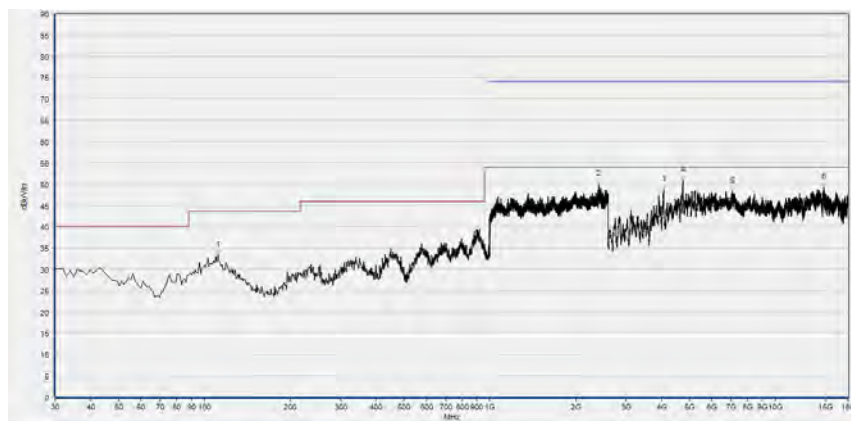


Plot for Channel 7



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
111.480	32.48	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1982.400	48.64	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
3933.640	46.67	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5107.120	49.21	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
6640.960	48.02	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
13438.520	49.07	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

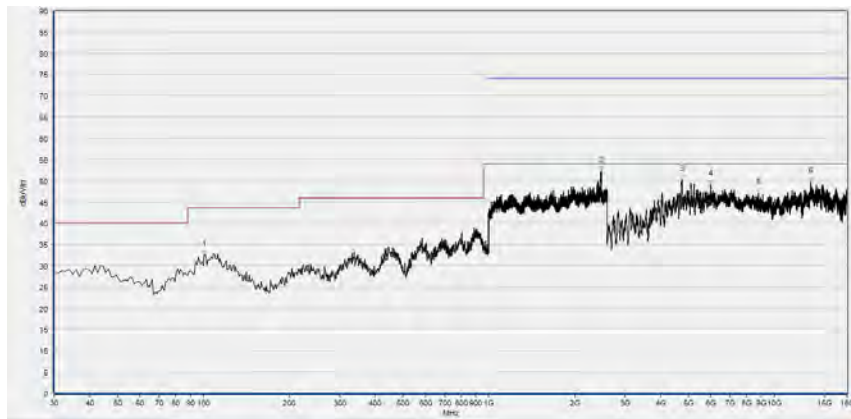


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
111.480	33.31	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2405.333	49.87	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4063.000	48.53	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4743.680	50.72	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
7059.840	48.23	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
14781.400	49.26	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

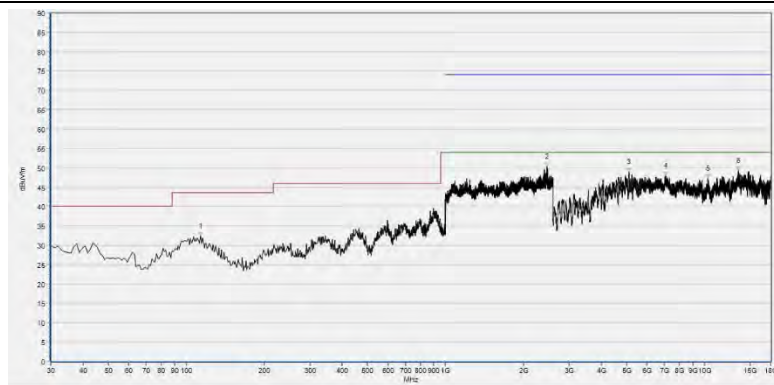


Plot for Channel 13



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
100.810	32.44	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2473.600	52.21	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4749.840	50.21	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5984.920	49.04	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8809.280	47.05	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
13444.680	49.71	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
113.420	32.40	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2468.800	50.22	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5107.120	48.97	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
7096.800	47.88	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
10315.400	47.24	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
13475.480	49.28	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

END OF REPORT