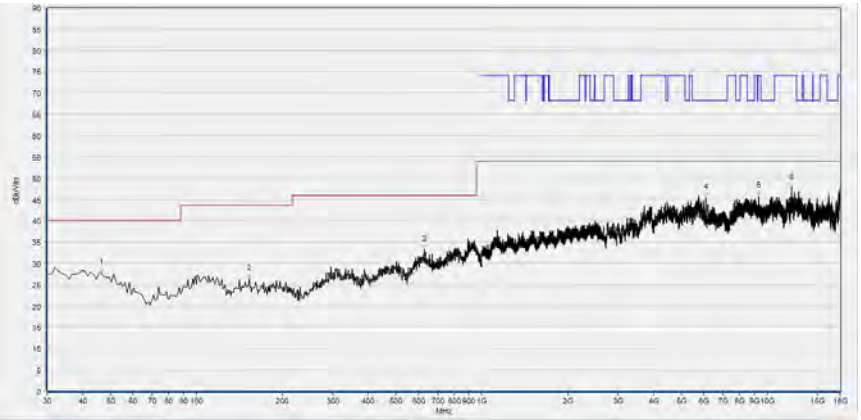
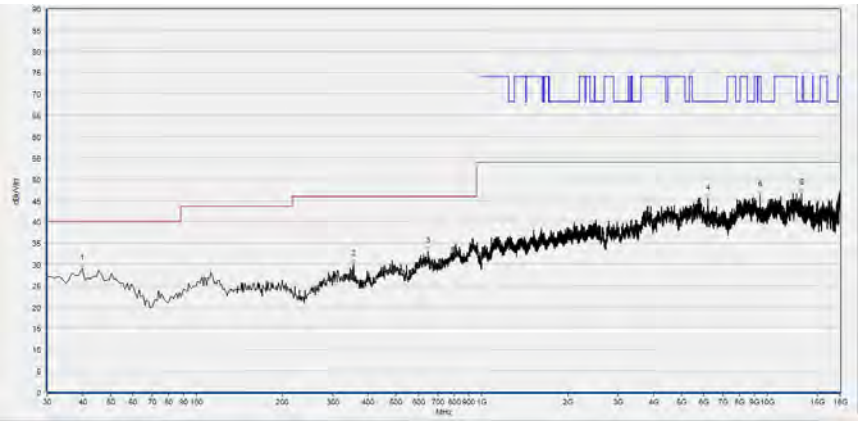
802.11n (HT40) mode

Plot for Channel 38



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
46.507	27.72	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
153.313	26.24	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
629.089	33.17	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
6078.016	45.47	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
9349.630	45.81	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12189.958	47.80	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

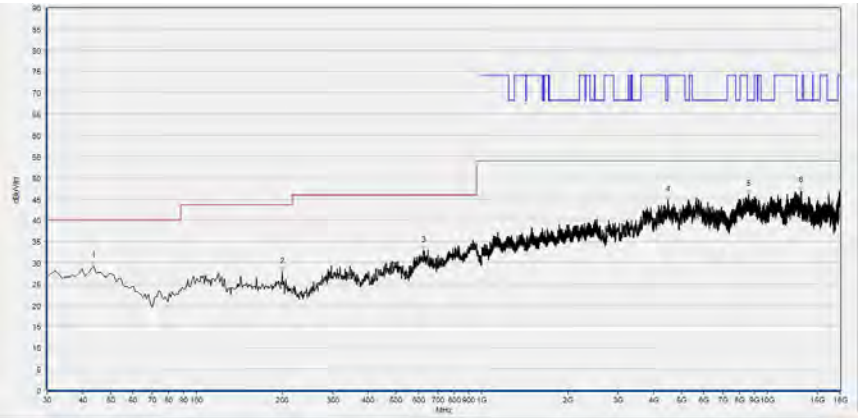
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
39.710	28.92	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
356.246	29.93	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
646.567	33.09	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
6207.401	45.43	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9426.645	46.20	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
13163.433	46.71	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

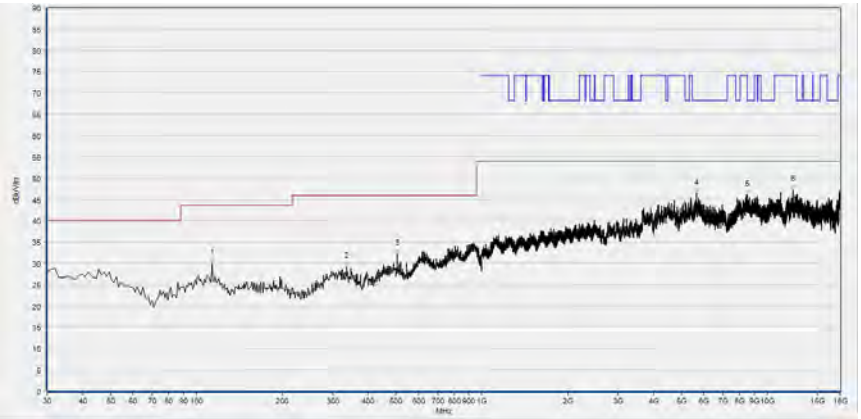
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 46



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
43.594	29.15	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
199.920	27.89	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
624.234	32.92	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4494.579	44.70	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8588.718	46.06	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
13111.062	46.85	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

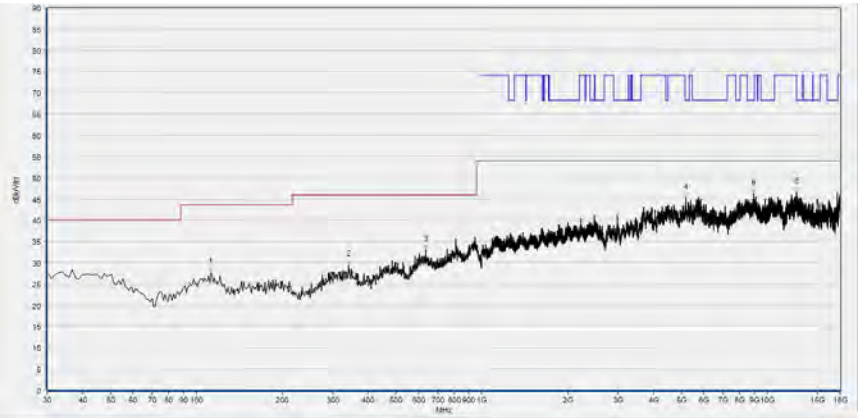
(Antenna Horizontal, 30MHz to 18GHz)



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
113.504	30.03	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
335.856	29.24	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
504.805	32.13	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5655.971	46.39	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8508.622	46.03	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12276.215	47.19	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

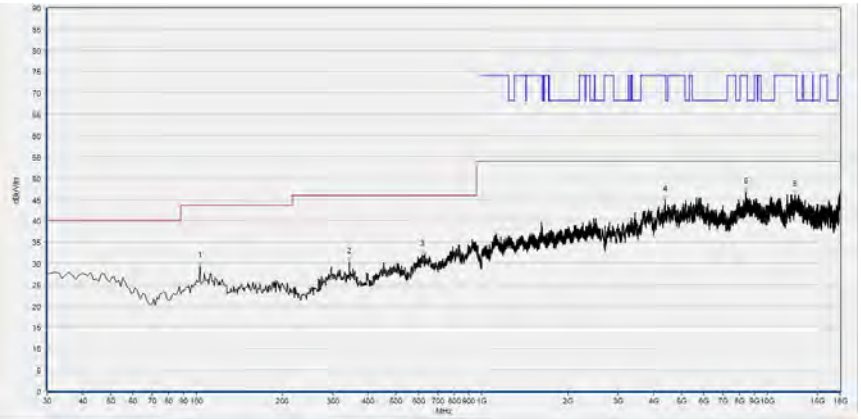
(Antenna Vertical, 30MHz to 18GHz)

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
112.533	27.65	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
340.711	29.57	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
635.886	33.05	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5184.637	45.33	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8983.037	46.25	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12701.340	46.57	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

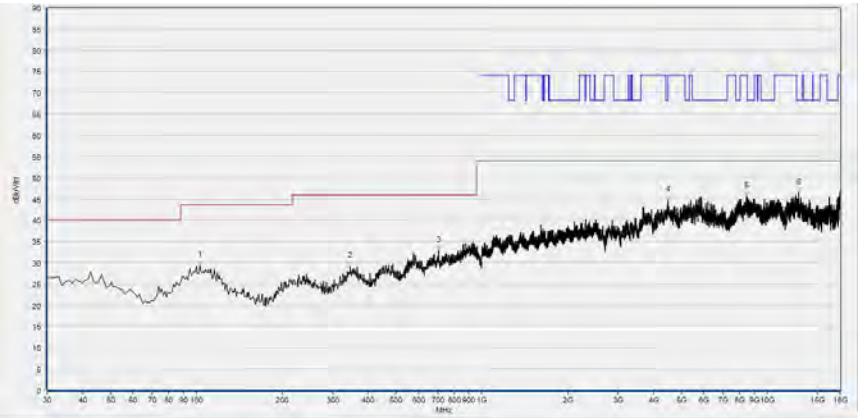
(Antenna Horizontal, 30MHz to 18GHz)



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
102.823	29.36	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
343.624	30.31	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
616.466	32.04	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4395.999	44.86	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8431.606	46.76	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12507.261	46.14	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

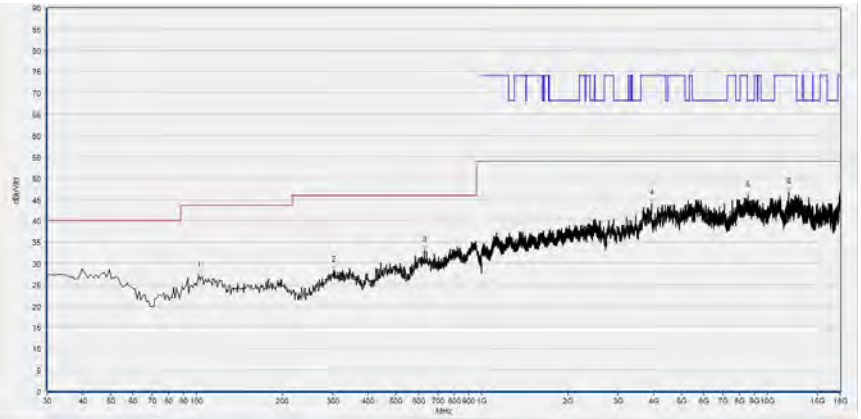
(Antenna Vertical, 30MHz to 18GHz)

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
102.823	29.34	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
345.566	29.19	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
706.767	32.89	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4494.579	44.73	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8450.090	45.65	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12895.419	46.38	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

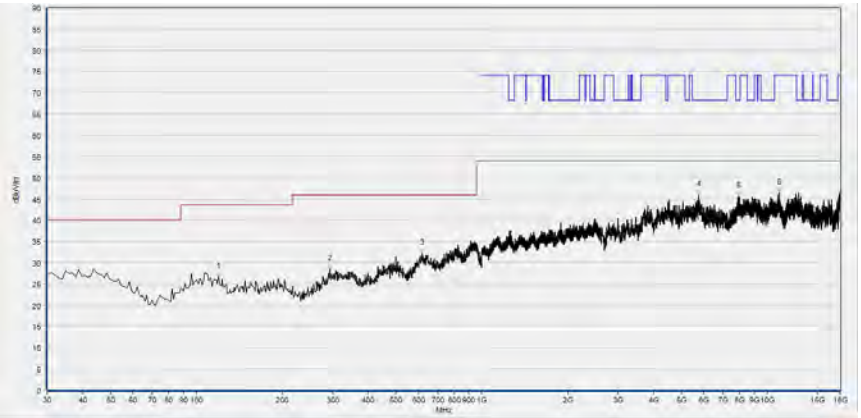
(Antenna Horizontal, 30MHz to 18GHz)



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
101.852	27.17	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
302.843	28.24	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
629.089	32.99	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
3927.746	44.08	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8542.509	45.98	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11854.171	46.73	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

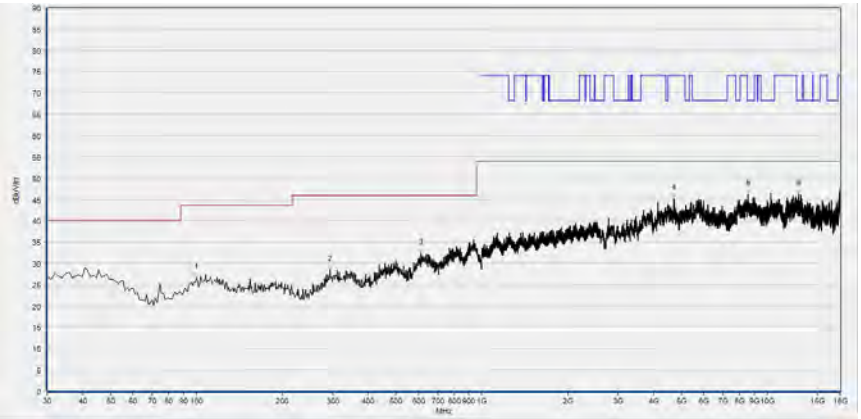
(Antenna Vertical, 30MHz to 18GHz)

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
119.329	26.60	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
293.133	28.43	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
619.379	32.22	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5757.632	45.97	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7957.191	45.51	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11053.211	46.46	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

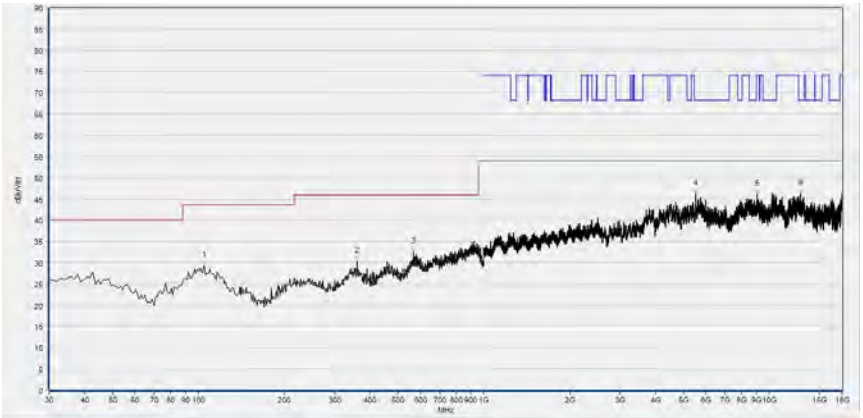
(Antenna Horizontal, 30MHz to 18GHz)



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	26.59	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
294.104	28.54	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
612.583	32.41	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4713.303	45.22	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8579.476	46.29	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12910.822	46.25	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

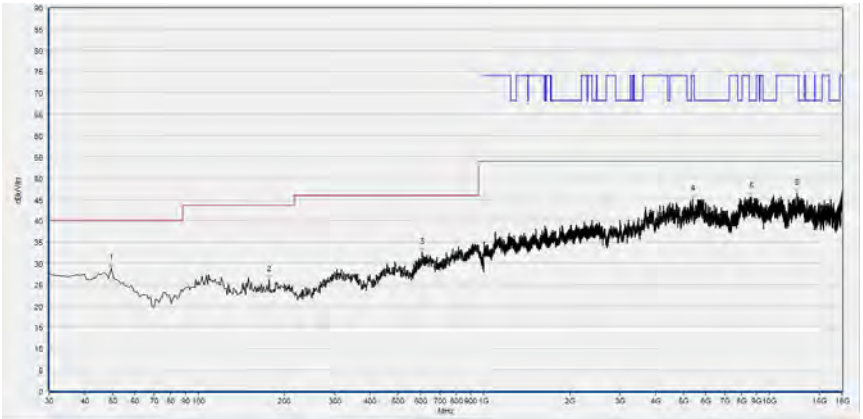
(Antenna Vertical, 30MHz to 18GHz)

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
104.765	29.30	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
360.130	30.32	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
565.976	32.54	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5517.343	46.31	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
9081.616	46.02	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12892.338	46.25	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

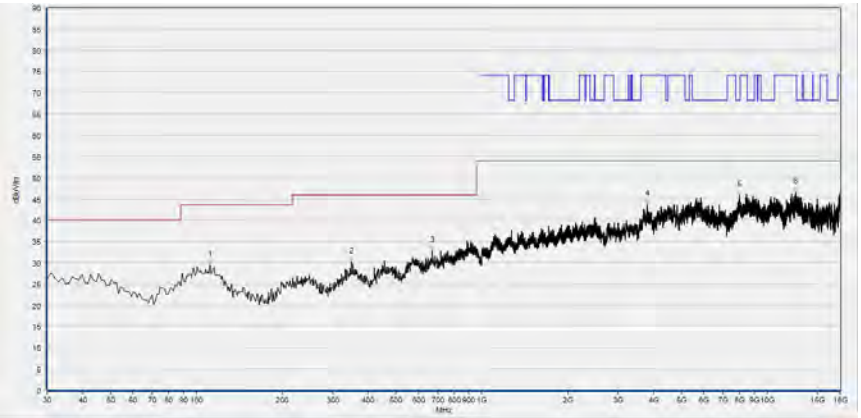
(Antenna Horizontal, 30MHz to 18GHz)



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
49.419	28.82	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
176.617	26.08	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
607.728	32.55	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5400.280	45.08	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8653.411	45.57	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12541.148	46.38	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

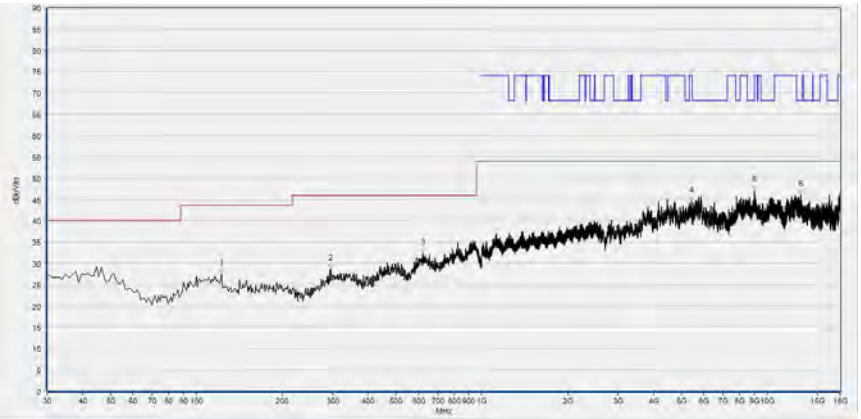
(Antenna Vertical, 30MHz to 18GHz)

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
111.562	29.49	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
348.478	30.11	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
669.870	32.78	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
3801.440	43.79	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
7997.239	45.86	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12584.277	46.62	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

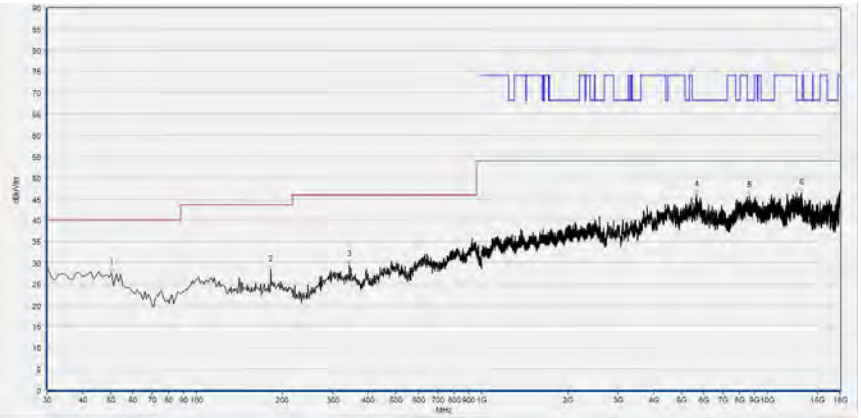
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
122.242	27.44	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
296.046	28.58	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
622.292	32.29	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5418.764	44.55	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8998.440	47.07	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
13092.579	46.08	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

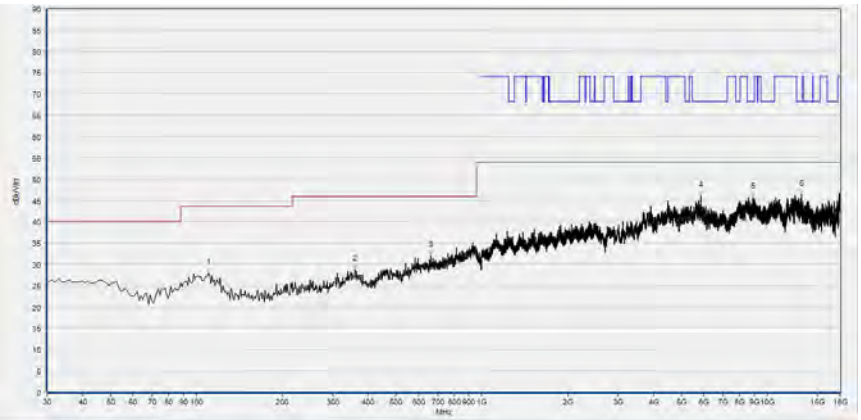
(Antenna Vertical, 30MHz to 18GHz)

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
50.390	27.51	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
182.442	28.35	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
343.624	29.56	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5649.810	45.86	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8674.975	45.70	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
13191.158	46.39	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

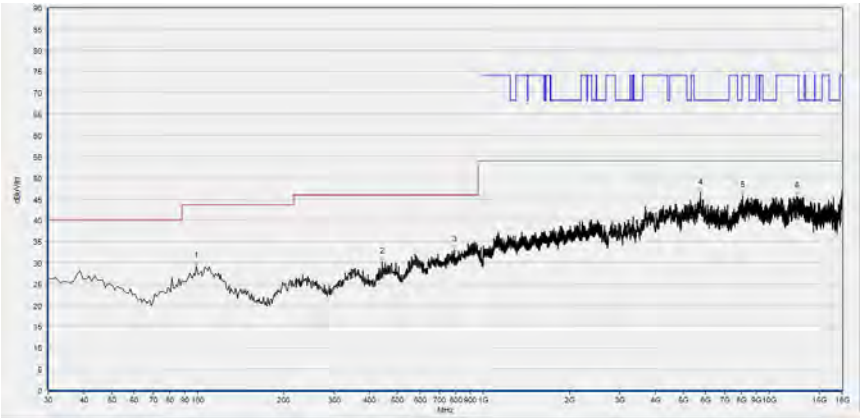
(Antenna Horizontal, 30MHz to 18GHz)



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
110.591	27.91	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
359.159	28.82	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
662.102	32.01	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5856.211	46.10	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8896.779	45.78	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
13197.319	46.44	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

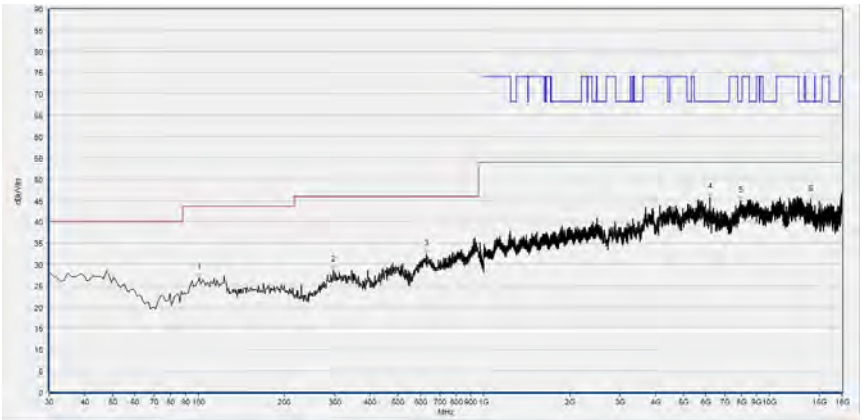
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 159



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
98.939	29.22	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
441.692	30.09	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
794.154	32.93	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5742.228	46.47	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8077.335	45.79	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12525.745	45.54	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

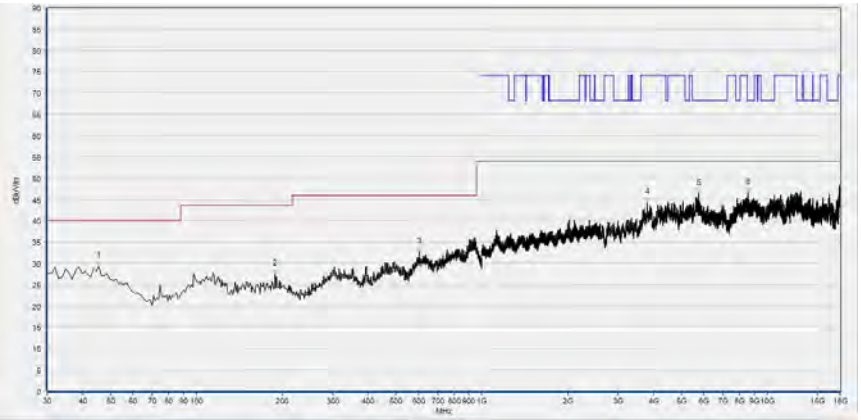


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
100.881	26.89	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
297.017	28.62	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
629.089	32.27	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
6201.240	45.70	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7947.950	44.98	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
13967.473	45.17	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

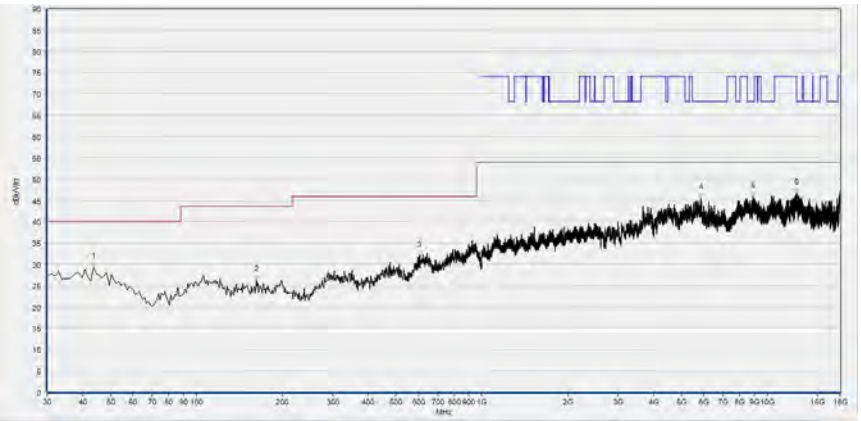
802.11ac (VHT80) Mode

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
45.536	29.27	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
188.268	27.52	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
602.873	32.61	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
3798.360	44.20	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5751.470	46.45	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8560.992	46.58	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

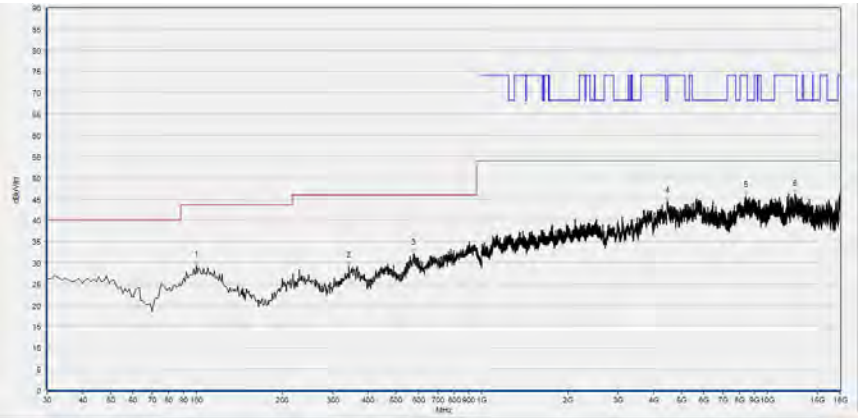
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
43.594	29.25	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
162.052	26.39	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
605.786	31.93	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5843.889	45.53	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8921.424	45.96	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12685.937	46.81	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

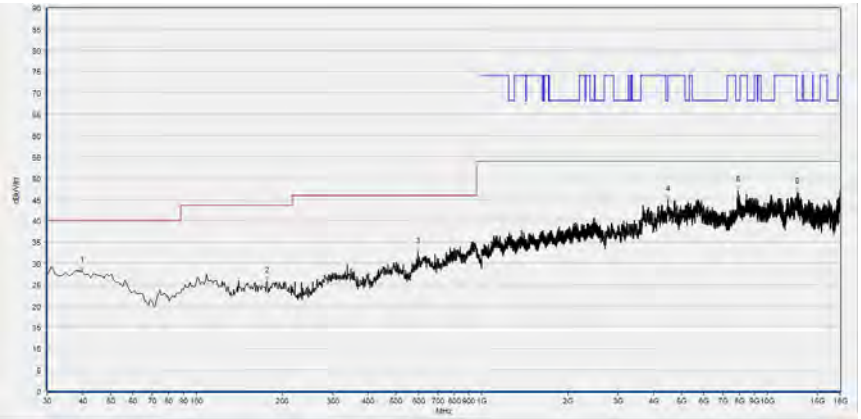
(Antenna Vertical, 30MHz to 18GHz)

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
99.910	29.37	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
341.682	29.13	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
576.657	32.12	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4457.612	44.48	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8397.720	45.67	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12504.181	46.11	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

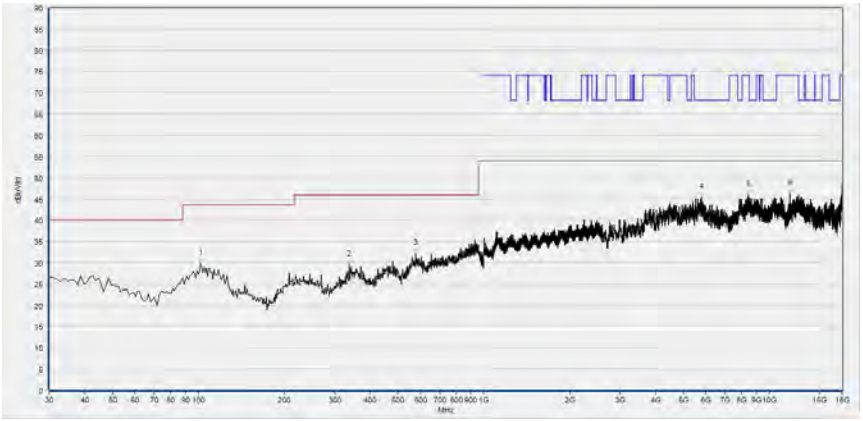
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
39.710	28.22	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
176.617	25.79	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
596.076	32.73	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4497.660	44.86	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7880.176	47.11	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12738.308	46.72	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

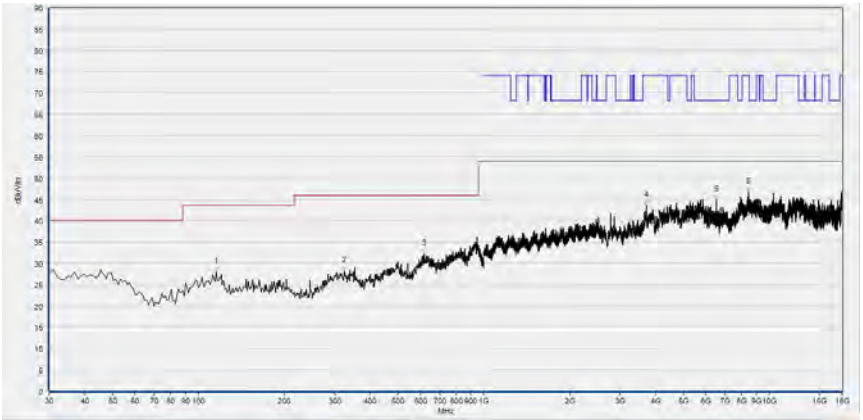
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 106



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
101.852	29.75	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
337.798	29.55	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
577.628	32.20	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5769.954	45.50	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8468.574	45.95	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
11841.848	46.23	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

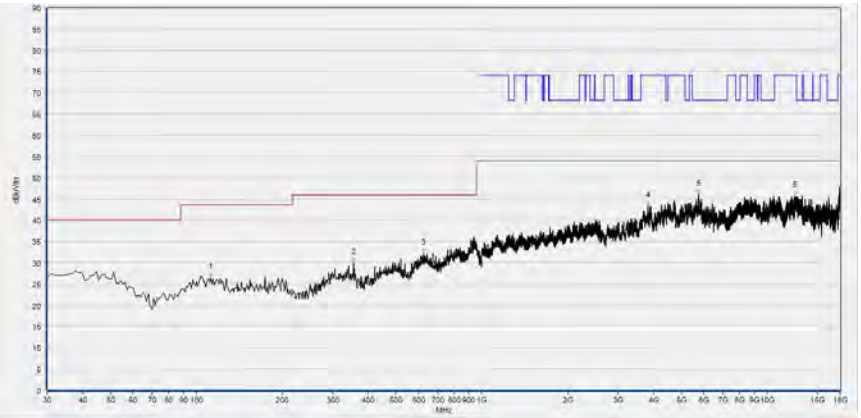
(Antenna Horizontal, 30MHz to 18GHz)



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
115.445	27.94	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
324.204	28.13	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
617.437	32.10	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
3718.264	43.50	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
6537.027	44.94	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8453.171	46.78	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

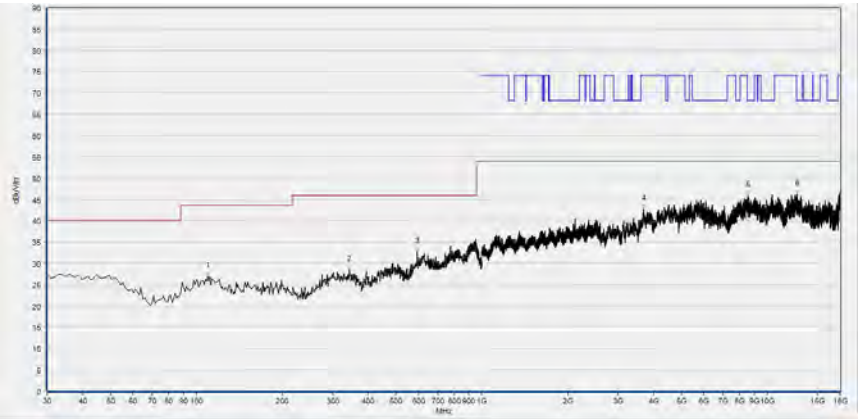
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 122



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
112.533	26.53	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
355.275	30.00	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
625.205	32.24	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
3823.005	43.33	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5742.228	46.13	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12513.423	45.81	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

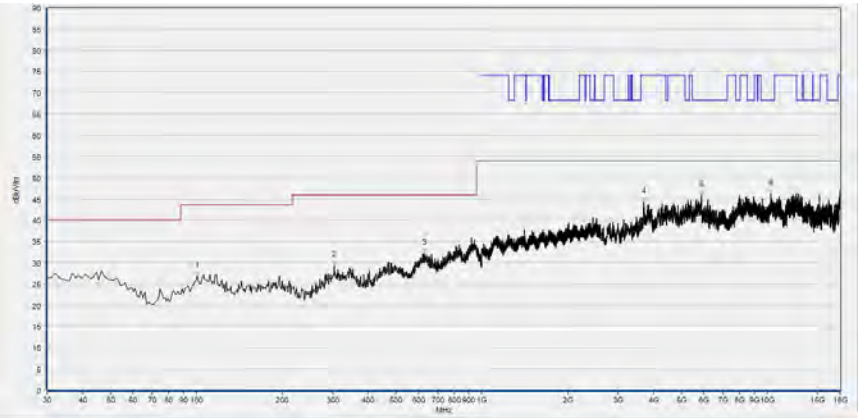
(Antenna Horizontal, 30MHz to 18GHz)



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	27.04	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
343.624	28.52	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
592.192	32.69	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
3696.699	42.66	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8557.912	45.88	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12729.066	46.32	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

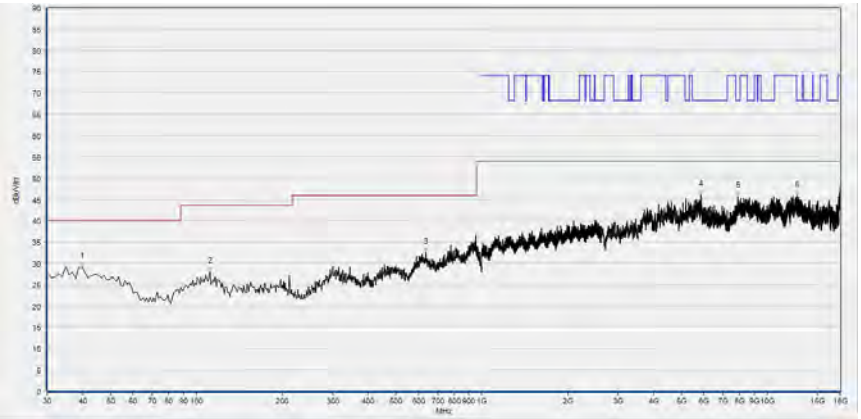
(Antenna Vertical, 30MHz to 18GHz)

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
100.881	26.89	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
303.814	29.36	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
629.089	32.25	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
3699.780	44.21	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5868.534	45.95	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10307.702	46.30	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

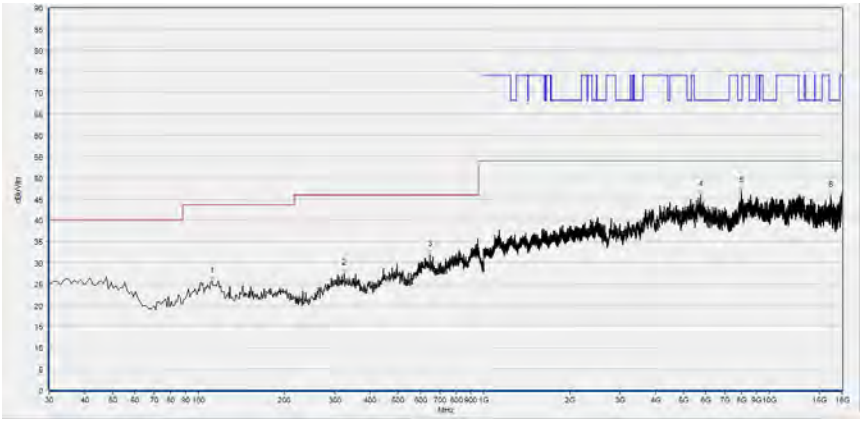
(Antenna Horizontal, 30MHz to 18GHz)



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
39.710	29.15	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
111.562	28.07	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
636.857	32.45	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5865.453	46.11	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7895.579	45.75	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12719.824	46.00	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

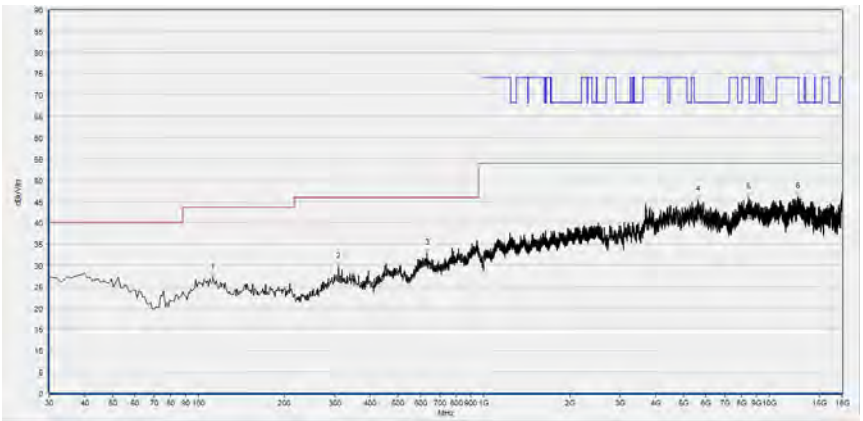
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 155



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
111.562	25.63	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
324.204	27.49	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
646.567	31.82	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5760.712	45.89	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7978.756	47.00	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
16416.563	45.82	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

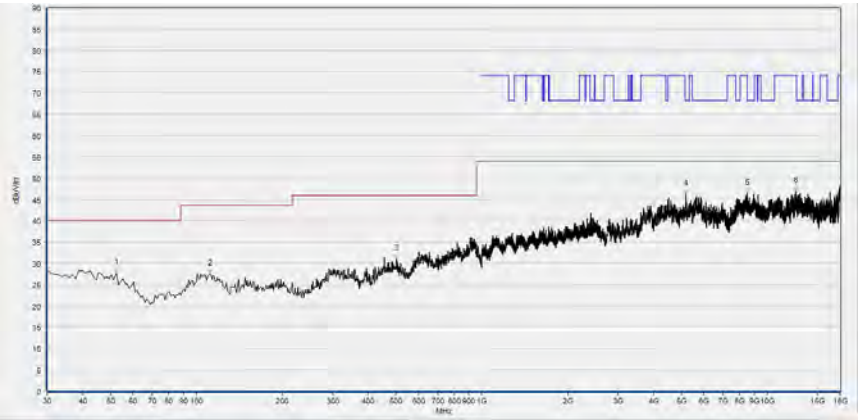


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
112.533	27.09	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
309.640	29.65	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
631.031	32.77	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5631.326	45.41	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8459.332	46.00	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12621.244	46.08	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

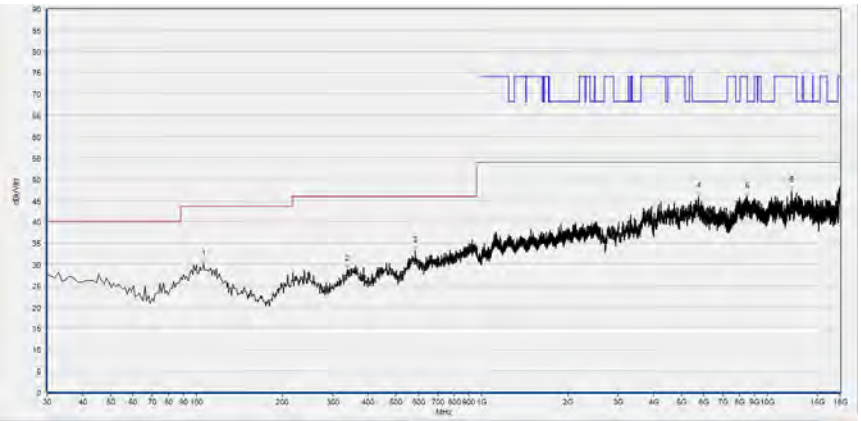
802.11ax (HEW20) Mode

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
52.332	27.58	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
111.562	27.45	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
501.892	30.94	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5190.798	46.18	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8499.380	46.44	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12590.438	46.85	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

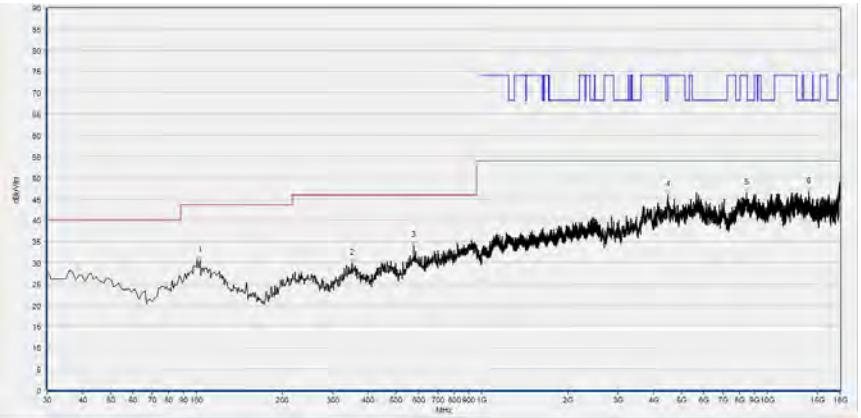
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
105.736	29.96	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
336.827	28.77	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
584.424	33.21	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5736.067	45.97	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8530.186	45.91	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12156.071	47.31	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

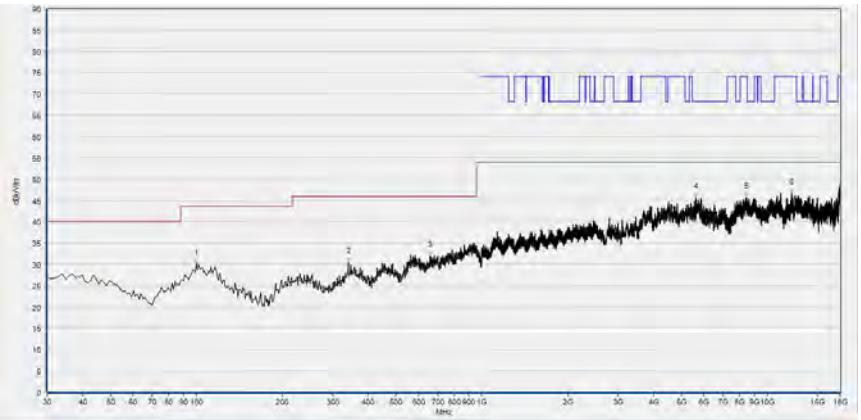
(Antenna Vertical, 30MHz to 18GHz)

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
102.823	30.48	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
350.420	29.87	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
577.628	34.06	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4491.498	45.91	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8465.493	46.47	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
13982.877	46.79	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

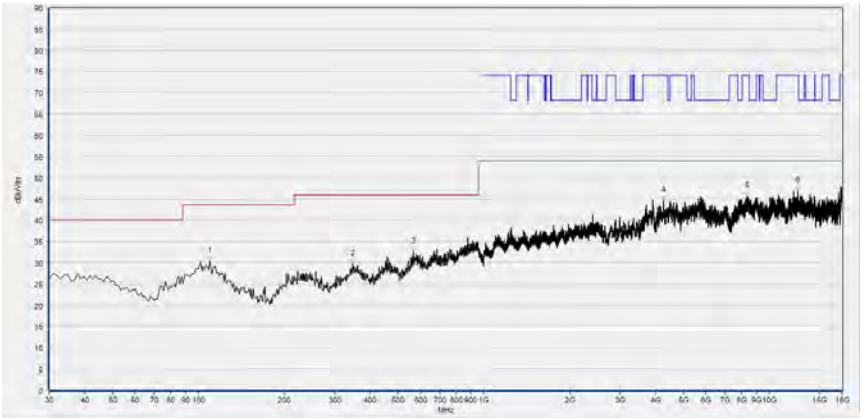
(Antenna Horizontal, 30MHz to 18GHz)



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	30.08	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
340.711	30.47	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
658.218	32.04	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5631.326	45.82	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8443.929	45.83	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12156.071	46.74	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

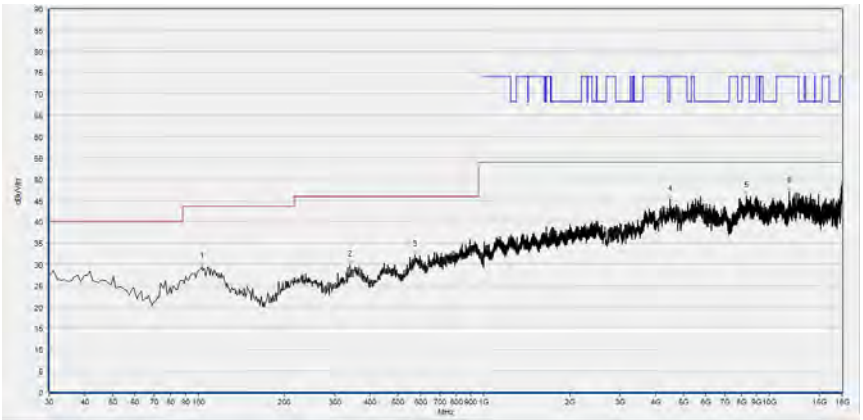
(Antenna Vertical, 30MHz to 18GHz)

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
109.620	30.40	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
346.537	29.70	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
565.976	32.51	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4260.452	44.50	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8376.155	45.57	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12562.713	46.85	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

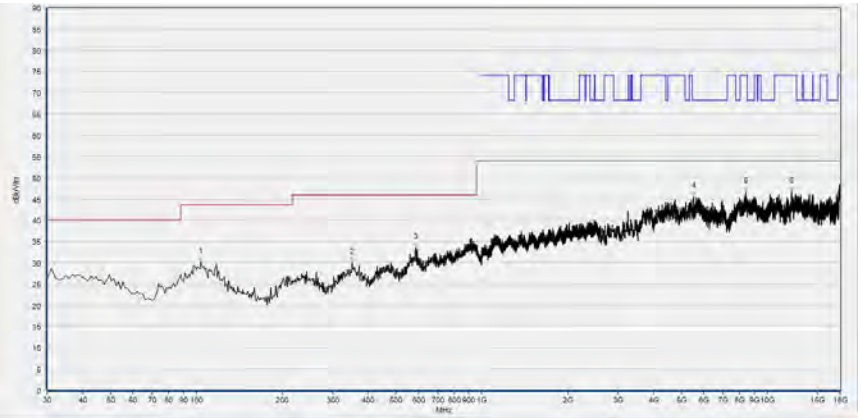
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
102.823	29.49	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
339.740	29.88	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
574.715	32.16	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4488.418	45.28	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8299.140	46.07	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
11730.946	47.14	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

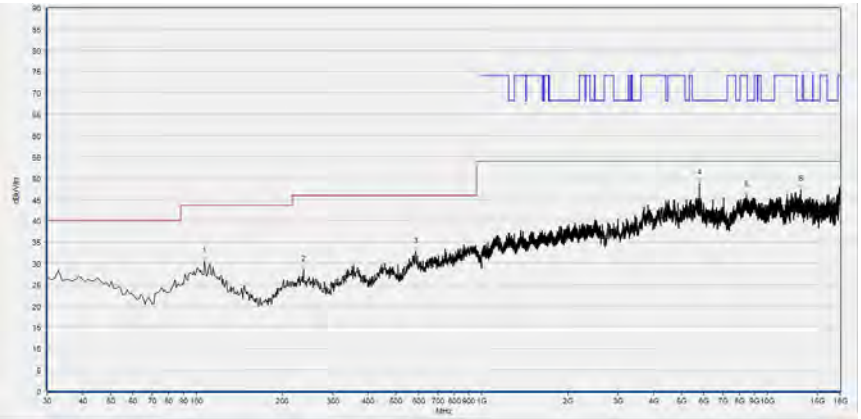
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 52



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
103.794	30.13	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
351.391	30.08	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
586.366	33.48	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5514.263	45.56	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8391.558	46.69	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12183.797	46.84	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

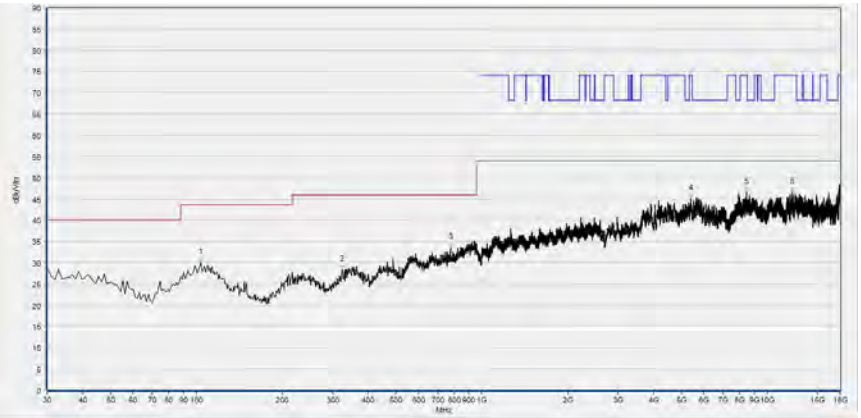
(Antenna Horizontal, 30MHz to 18GHz)



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	30.52	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
236.817	28.54	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
585.395	32.73	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5776.115	48.73	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8453.171	45.91	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
13080.256	47.34	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

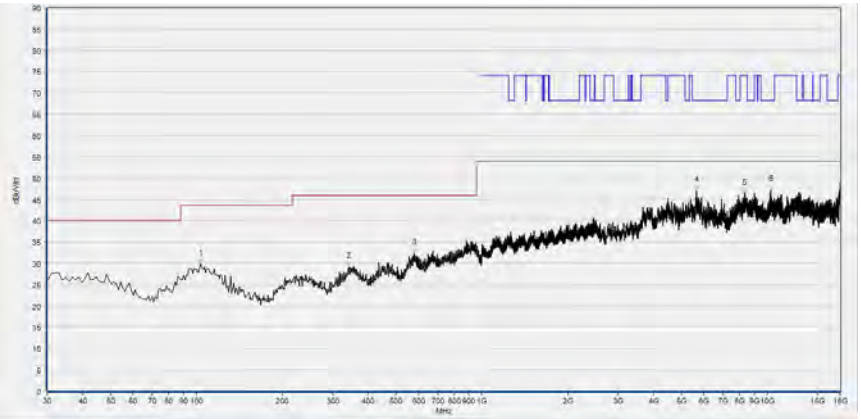
(Antenna Vertical, 30MHz to 18GHz)

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	29.92	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
324.204	28.25	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
776.677	33.45	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5412.603	45.08	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8437.768	46.60	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12263.893	46.52	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

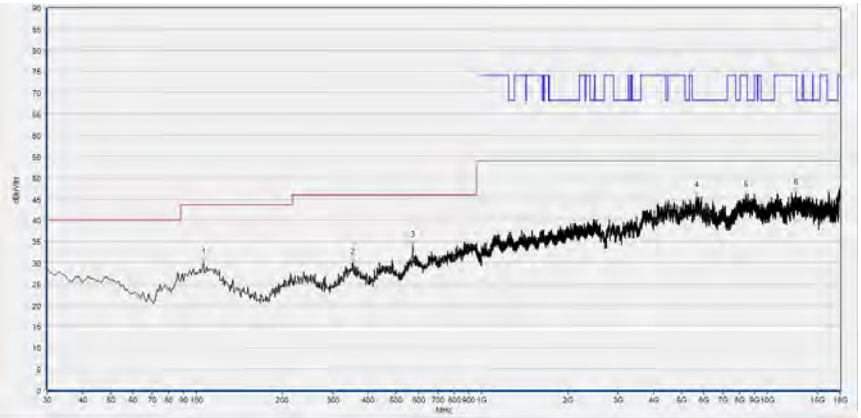
(Antenna Horizontal, 30MHz to 18GHz)



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	29.80	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
340.711	29.15	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
578.599	32.42	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5643.649	47.10	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8339.188	46.40	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
10313.863	47.18	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

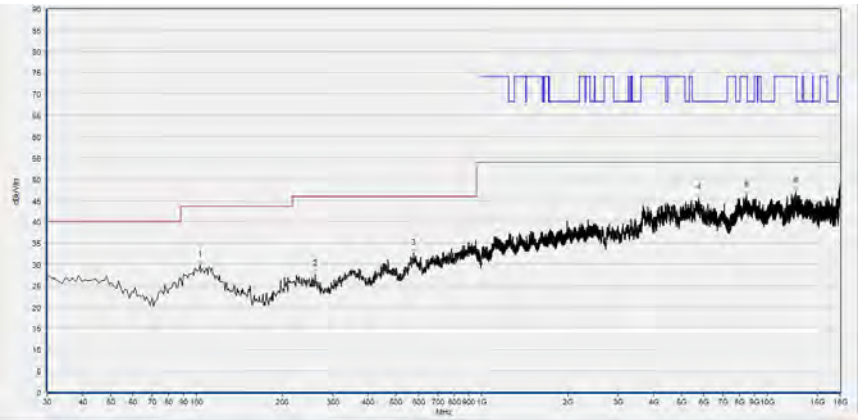
(Antenna Vertical, 30MHz to 18GHz)

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
105.736	29.95	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
354.304	30.01	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
572.773	34.05	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5640.568	45.74	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8410.042	45.98	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12578.116	46.38	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

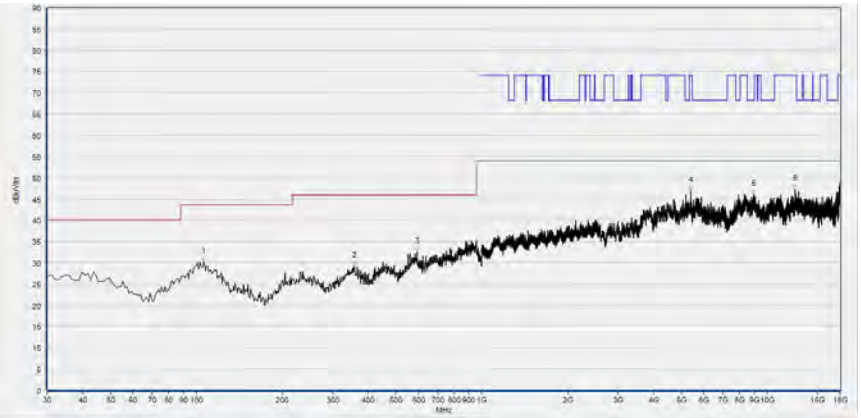
(Antenna Horizontal, 30MHz to 18GHz)



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
102.823	29.81	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
261.091	27.63	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
576.657	32.45	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5748.390	45.54	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8459.332	46.24	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12587.357	47.14	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

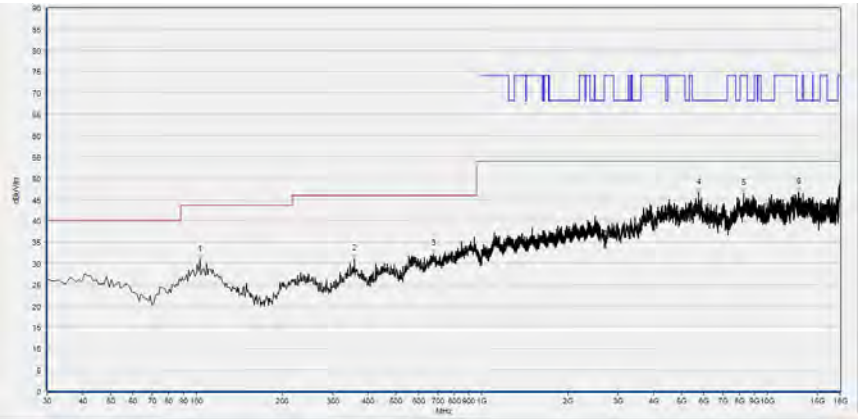
(Antenna Vertical, 30MHz to 18GHz)

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	30.24	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
358.188	29.08	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
594.134	32.45	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5394.119	46.85	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8983.037	46.05	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12507.261	47.23	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

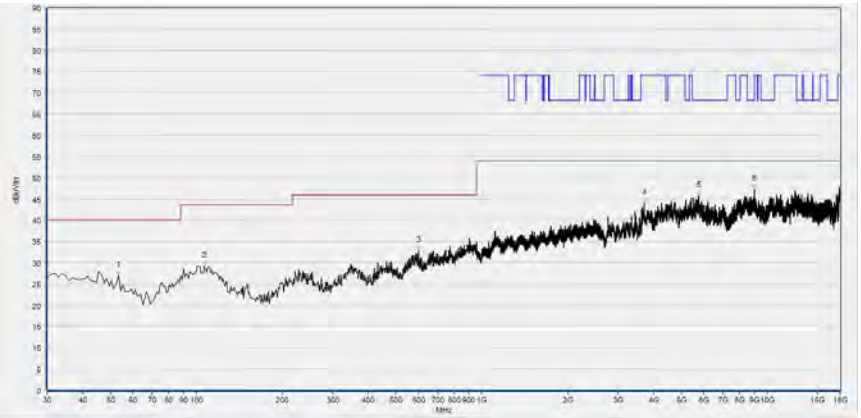
(Antenna Horizontal, 30MHz to 18GHz)



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
102.823	30.78	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
358.188	31.06	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
678.609	32.14	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5742.228	46.67	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8249.850	46.46	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12880.016	46.83	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

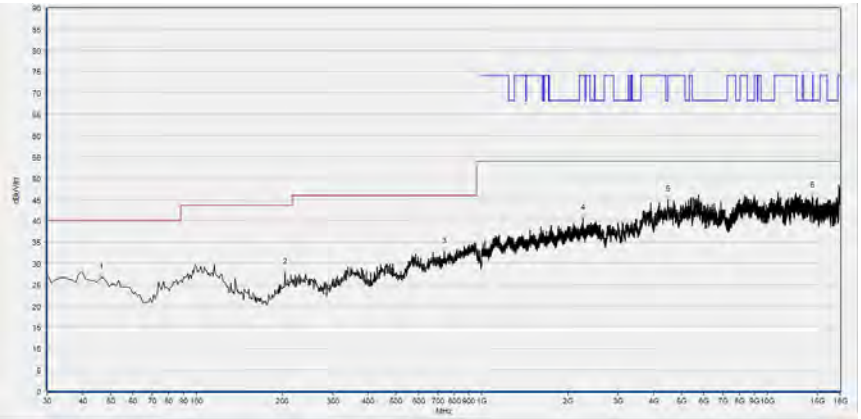
(Antenna Vertical, 30MHz to 18GHz)

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
53.303	26.94	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
106.707	29.23	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
599.960	32.80	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
3702.861	44.03	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5739.148	45.70	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
9004.601	47.27	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

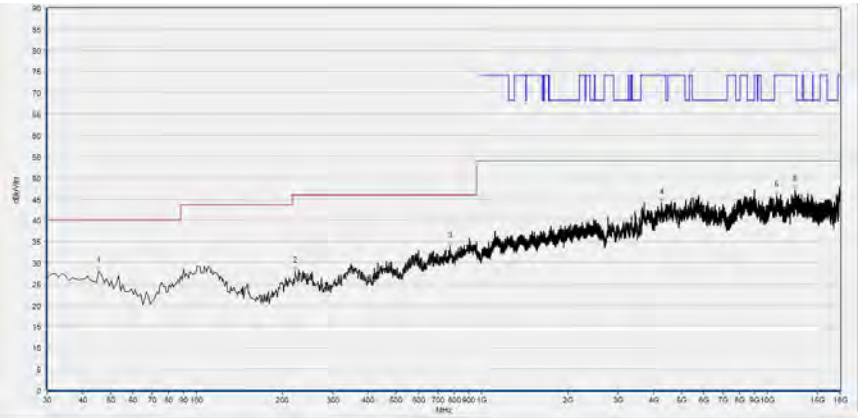
(Antenna Horizontal, 30MHz to 18GHz)



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
46.507	26.69	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
204.775	27.75	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
738.809	32.74	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2254.818	40.52	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4488.418	44.90	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
14408.002	45.75	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

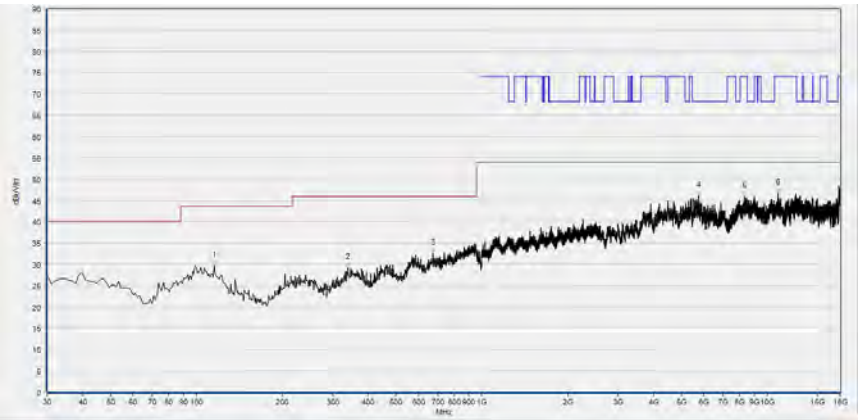
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 144



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
45.536	28.07	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
222.252	27.94	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
772.793	33.81	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4263.533	44.08	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
10803.681	46.00	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12516.503	47.04	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

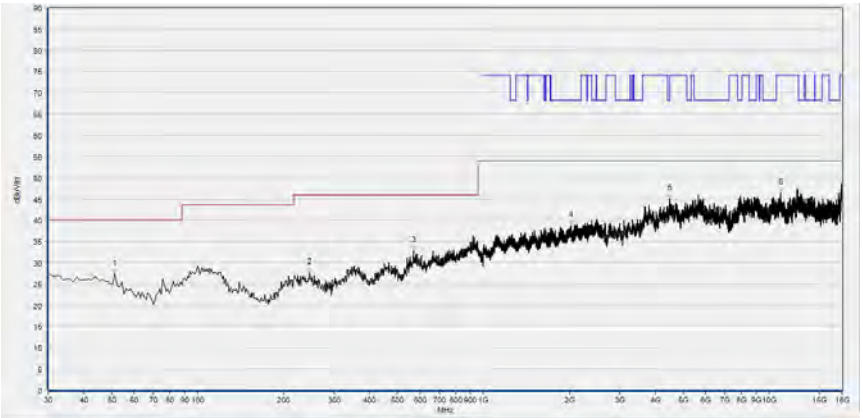
(Antenna Horizontal, 30MHz to 18GHz)



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
115.445	29.65	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
339.740	29.23	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
673.754	32.45	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5760.712	46.07	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8320.704	45.90	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
10933.067	46.74	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

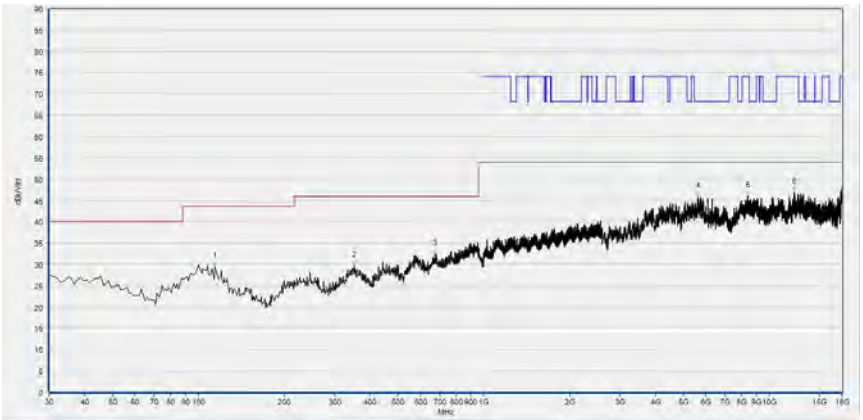
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 149



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
51.361	27.26	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
246.527	27.58	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
568.889	32.91	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2027.543	38.75	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4485.337	45.09	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10991.598	46.50	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

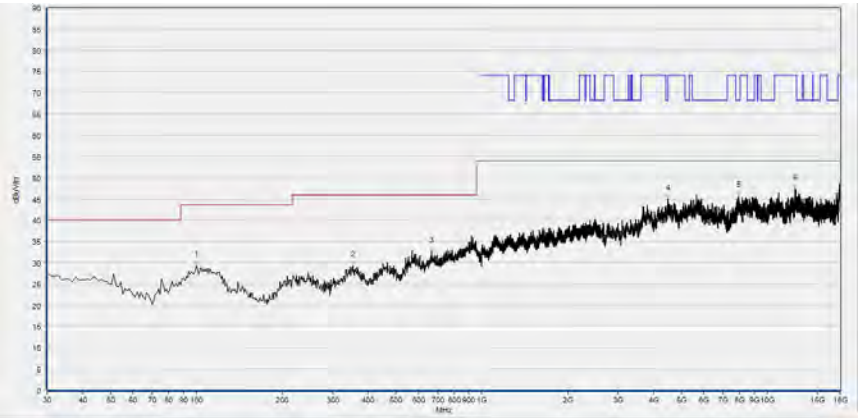
(Antenna Horizontal, 30MHz to 18GHz)



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	29.52	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
352.362	29.64	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
674.725	32.33	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5631.326	45.89	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8400.800	46.14	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12263.893	46.94	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

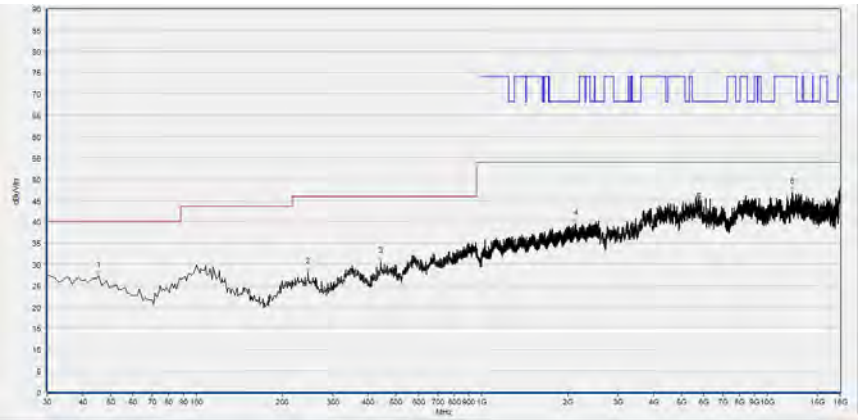
(Antenna Vertical, 30MHz to 18GHz)

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
99.910	29.31	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
354.304	29.33	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
667.928	32.66	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4485.337	45.09	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7947.950	45.72	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12501.100	47.45	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

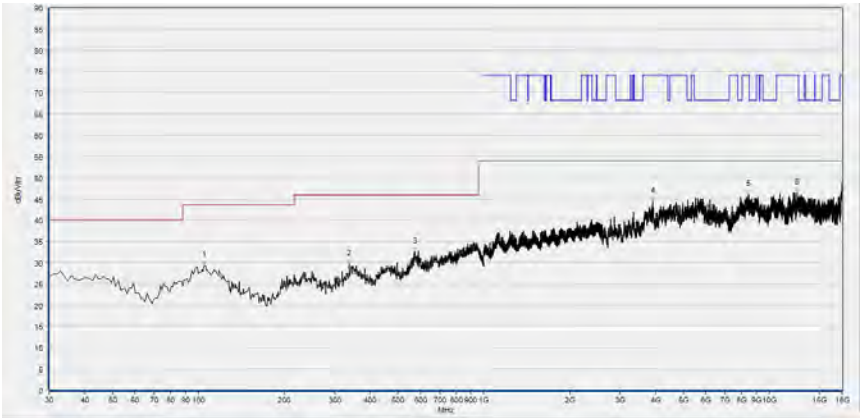
(Antenna Horizontal, 30MHz to 18GHz)



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
45.536	27.31	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
246.527	28.17	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
441.692	30.59	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2137.979	39.48	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5751.470	45.69	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12263.893	46.94	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

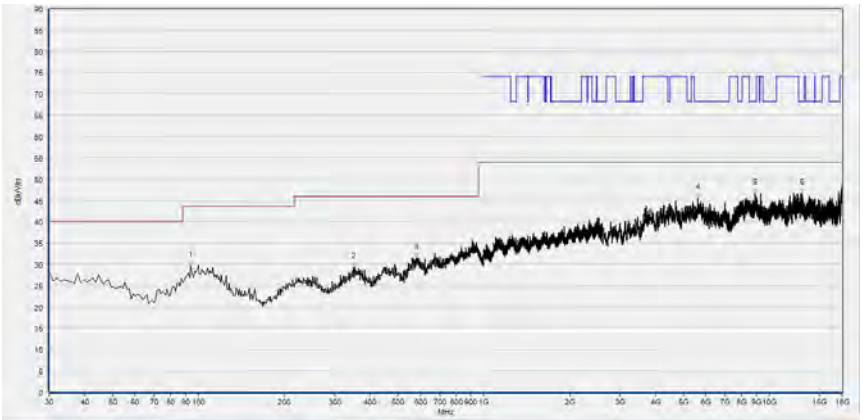
(Antenna Vertical, 30MHz to 18GHz)

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
104.765	29.34	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
337.798	29.59	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
573.744	32.54	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
3900.020	44.45	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8450.090	46.04	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12531.906	46.40	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

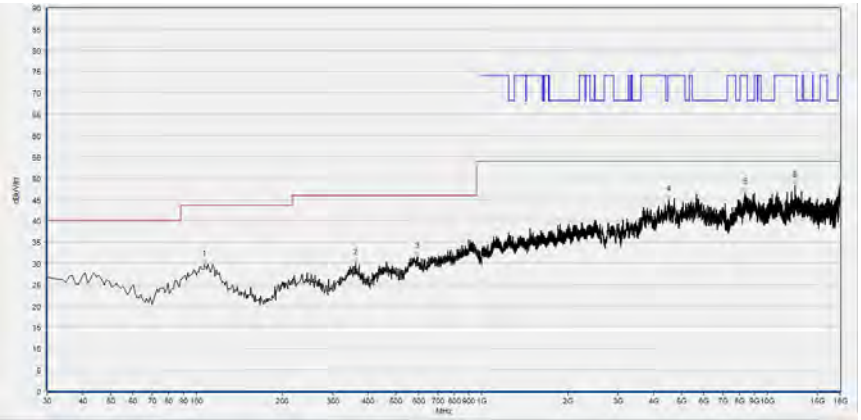


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
94.084	29.62	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
348.478	29.30	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
581.512	31.48	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5628.246	45.60	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8906.021	46.78	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
13061.772	46.75	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

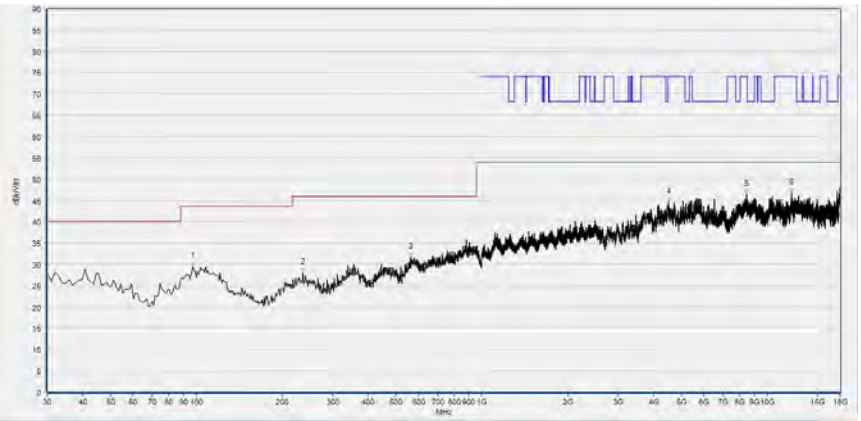
802.11ax (HEW20) RU26 Mode

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
106.707	29.62	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
361.101	29.96	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
594.134	31.56	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4513.063	44.84	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8363.833	46.56	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12522.665	48.19	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

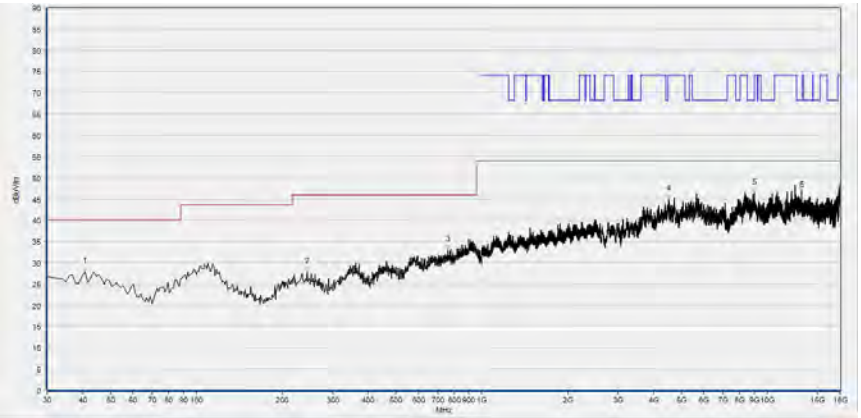
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
96.997	29.47	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
235.846	27.98	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
565.005	31.62	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4503.821	44.56	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8453.171	46.39	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12140.668	46.71	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

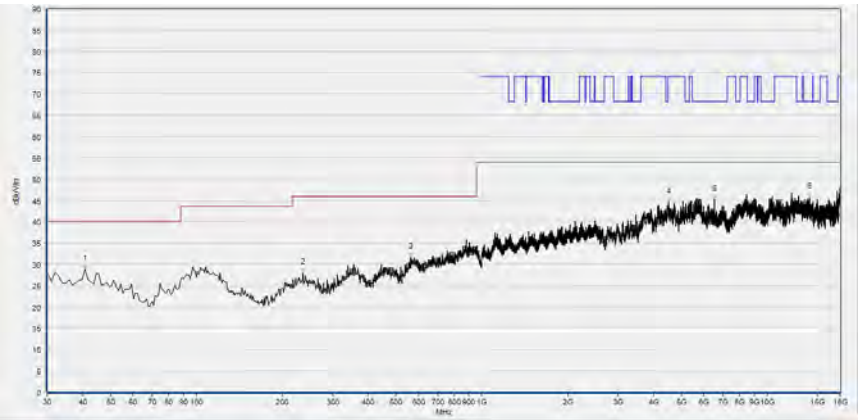
(Antenna Vertical, 30MHz to 18GHz)

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
40.681	27.86	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
244.585	27.77	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
761.141	32.94	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4513.063	44.84	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
9004.601	46.46	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
13197.319	46.89	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

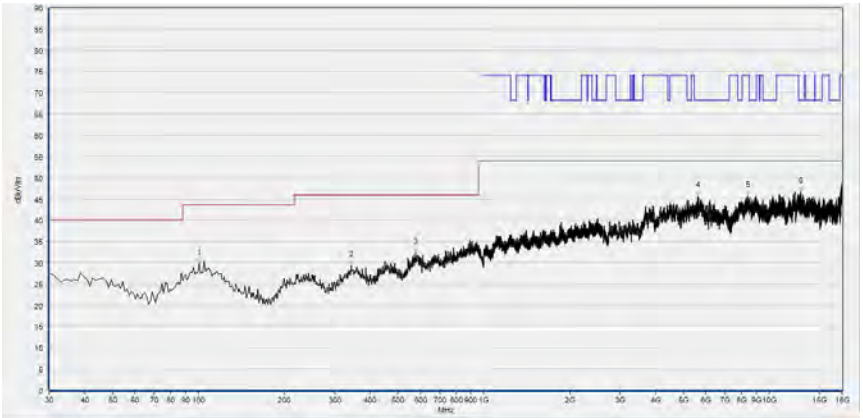
(Antenna Horizontal, 30MHz to 18GHz)



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
40.681	28.82	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
235.846	27.98	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
565.005	31.62	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4503.821	44.56	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
6515.463	45.31	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
14019.844	45.69	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

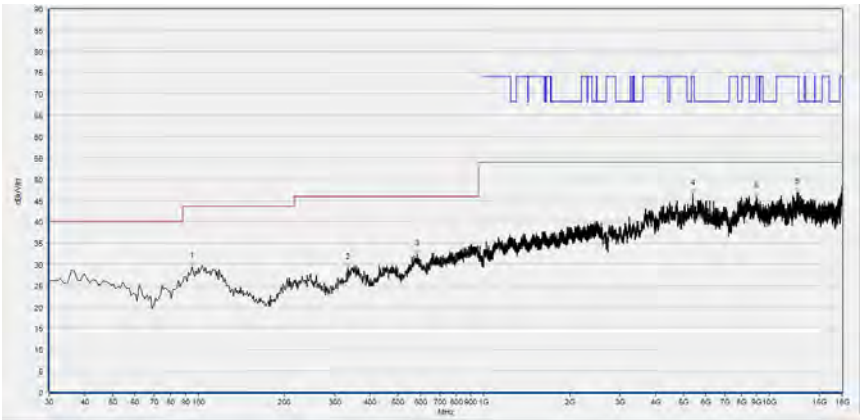
(Antenna Vertical, 30MHz to 18GHz)

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
100.881	29.75	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
342.653	29.30	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
575.686	32.29	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5619.004	45.81	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8431.606	45.72	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12920.064	46.69	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

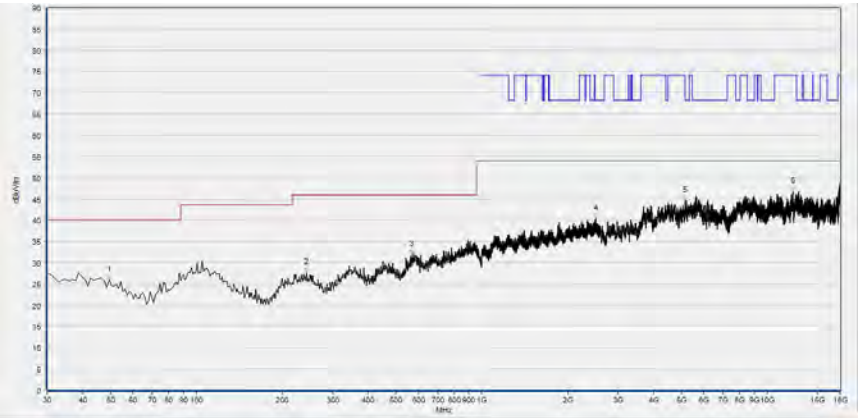
(Antenna Horizontal, 30MHz to 18GHz)



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
95.055	29.42	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
333.914	29.10	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
583.453	32.27	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5400.280	46.52	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8998.440	45.89	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12531.906	46.91	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

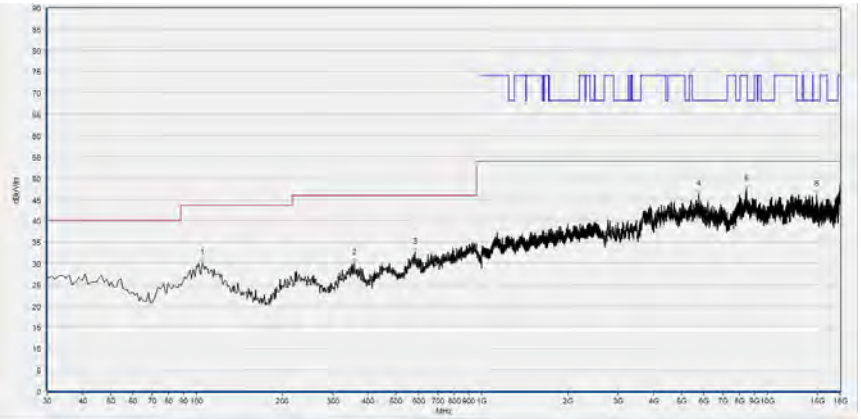
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 52



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
49.419	26.05	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
243.614	27.61	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
565.976	31.81	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2514.105	40.44	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5163.073	44.61	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12300.860	46.75	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

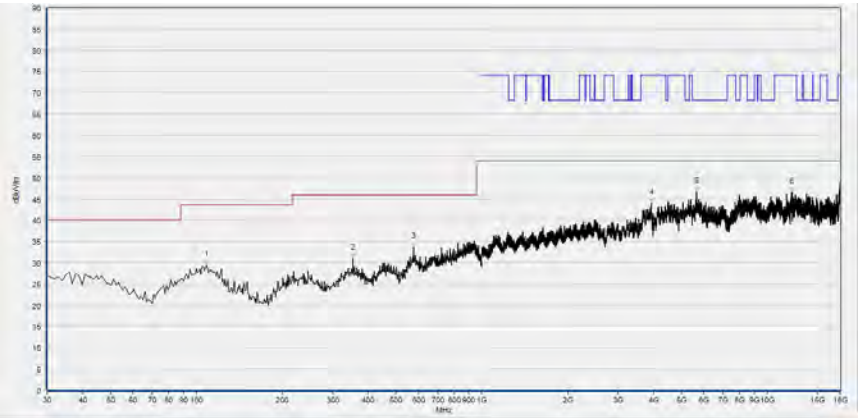
(Antenna Horizontal, 30MHz to 18GHz)



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	30.04	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
358.188	29.94	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
583.453	32.46	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5766.873	46.28	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8462.412	47.44	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
14907.061	46.09	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

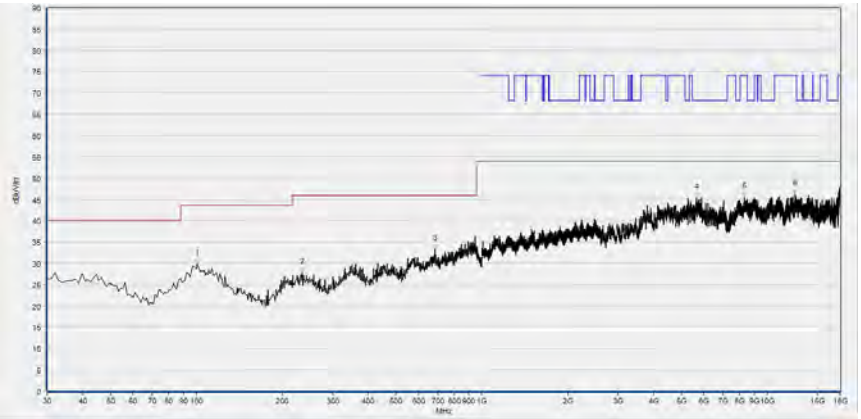
(Antenna Vertical, 30MHz to 18GHz)

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
108.649	29.45	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
353.333	31.07	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
575.686	33.71	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
3921.584	44.02	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5643.649	46.80	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12159.152	46.64	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

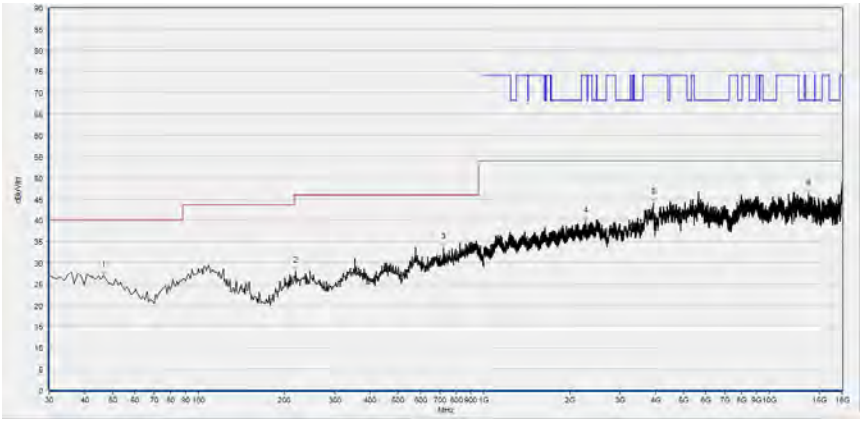
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
100.881	29.87	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
234.875	27.79	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
685.405	33.27	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5646.729	45.49	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8314.543	45.61	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12522.665	46.25	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

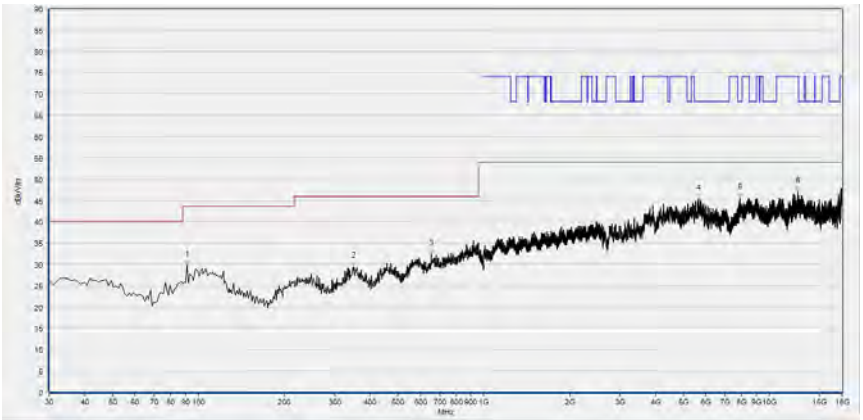
(Antenna Vertical, 30MHz to 18GHz)

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
46.507	26.92	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
219.339	27.92	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
724.244	33.58	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2275.092	39.68	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
3921.584	44.02	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
13757.992	46.24	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

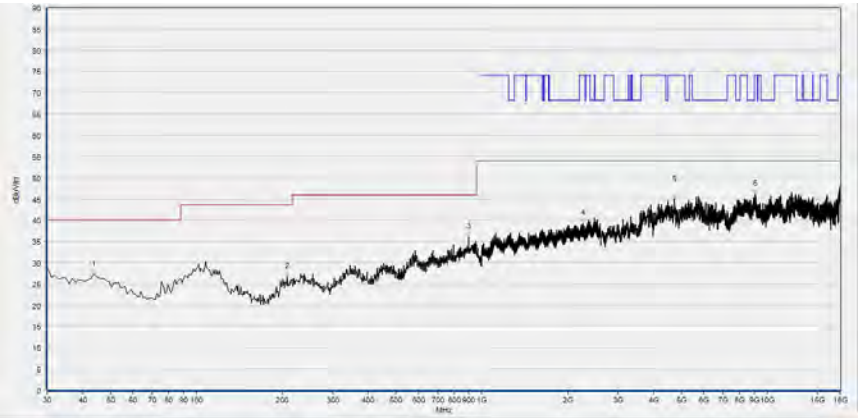
(Antenna Horizontal, 30MHz to 18GHz)



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
91.171	29.84	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
348.478	29.50	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
653.363	32.42	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5652.891	45.35	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7907.902	45.52	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12612.002	47.13	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

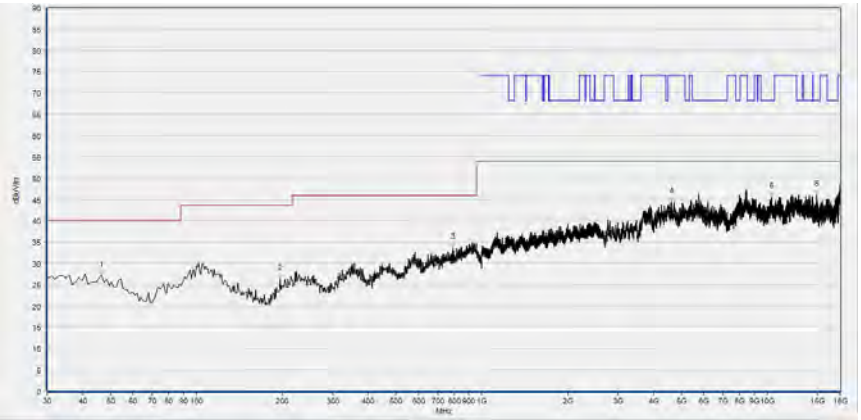
(Antenna Vertical, 30MHz to 18GHz)

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
43.594	27.18	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
207.688	26.66	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
899.990	35.99	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2259.086	39.29	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4725.625	45.07	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
9075.455	46.06	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

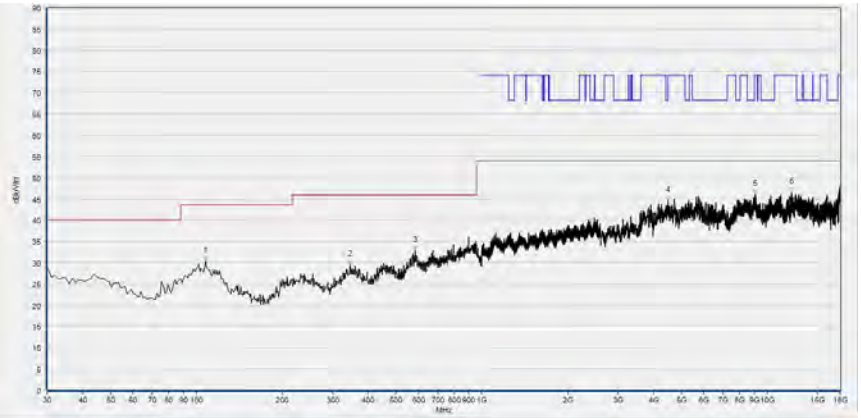
(Antenna Horizontal, 30MHz to 18GHz)



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
46.507	27.14	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
196.036	26.39	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
790.270	33.61	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4617.804	44.37	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
10335.427	45.62	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
14907.061	46.09	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

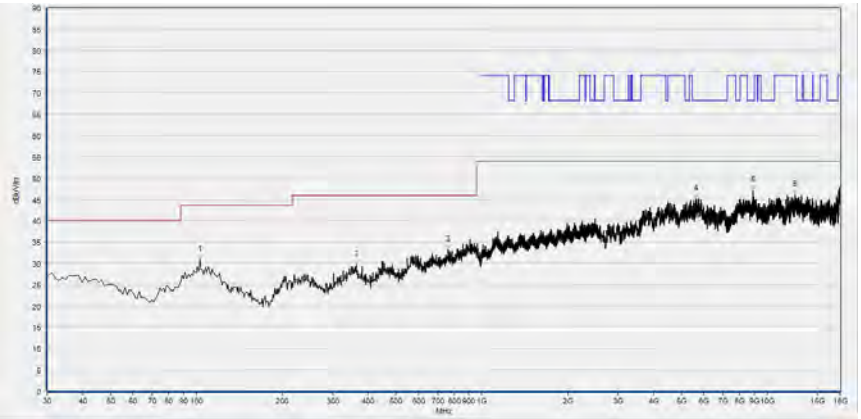
(Antenna Vertical, 30MHz to 18GHz)

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
107.678	30.40	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
345.566	29.45	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
584.424	32.86	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4488.418	44.59	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
9075.455	46.06	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12156.071	46.56	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

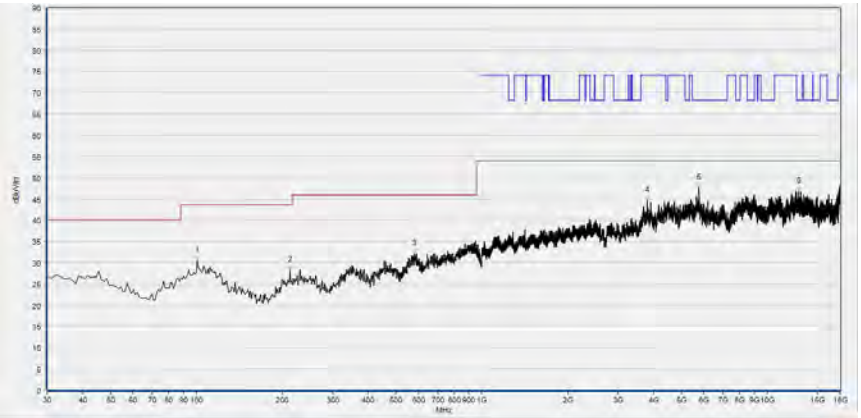
(Antenna Horizontal, 30MHz to 18GHz)



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
102.823	30.90	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
363.043	29.64	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
762.112	33.22	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5606.681	45.12	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8921.424	47.10	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12507.261	46.05	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

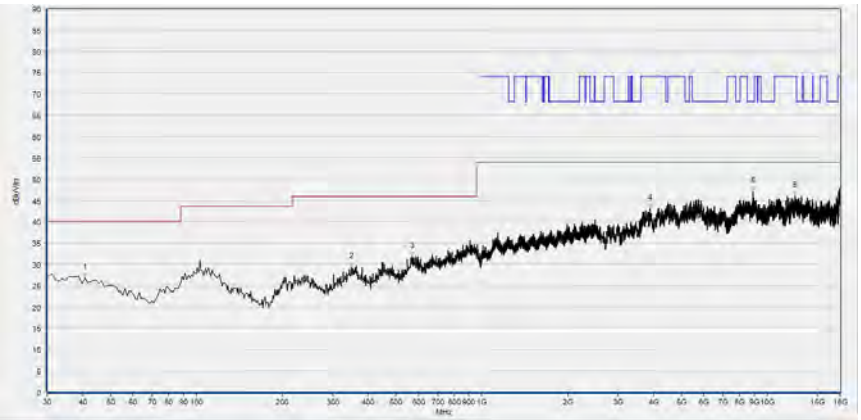
(Antenna Vertical, 30MHz to 18GHz)

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	30.50	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
212.543	28.21	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
580.541	32.00	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
3801.440	44.65	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5766.873	47.67	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12898.500	46.70	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

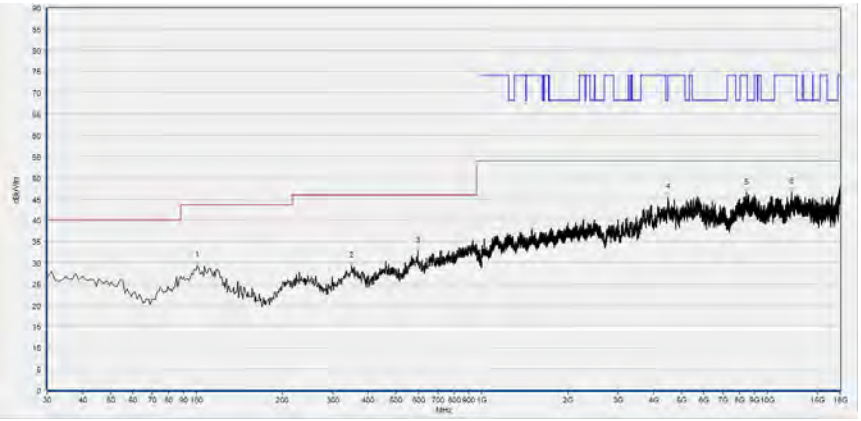
(Antenna Horizontal, 30MHz to 18GHz)



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
40.681	26.86	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
348.478	29.37	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
569.860	31.86	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
3890.778	43.00	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8921.424	47.10	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12507.261	46.05	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

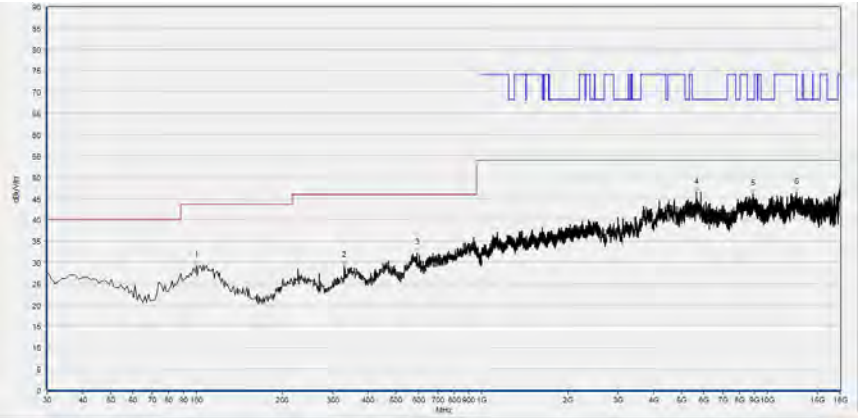
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 149



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
100.881	29.32	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
349.449	29.21	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
596.076	32.75	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4497.660	45.44	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8459.332	46.41	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12196.119	46.67	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

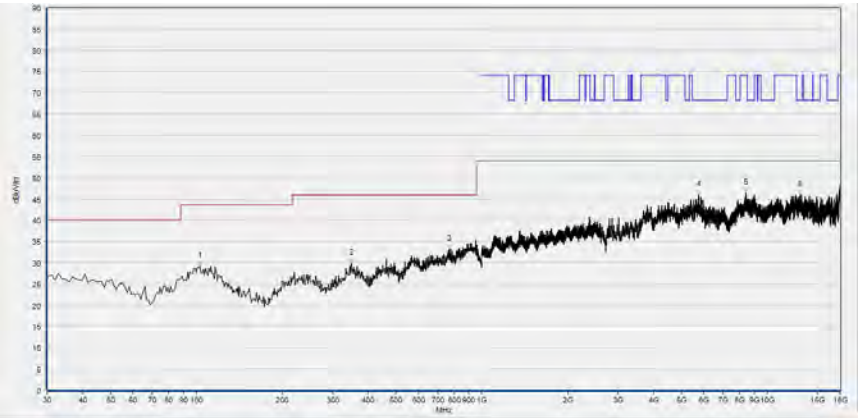
(Antenna Horizontal, 30MHz to 18GHz)



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
99.910	29.18	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
329.059	29.12	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
592.192	32.13	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5646.729	46.36	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8924.505	46.04	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12630.486	46.50	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

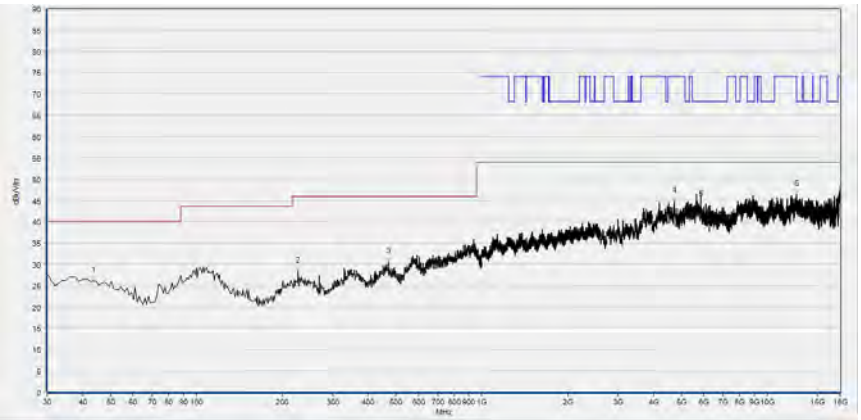
(Antenna Vertical, 30MHz to 18GHz)

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
102.823	29.20	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
348.478	29.91	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
767.938	33.21	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5748.390	45.88	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8388.478	46.49	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
13064.853	45.99	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

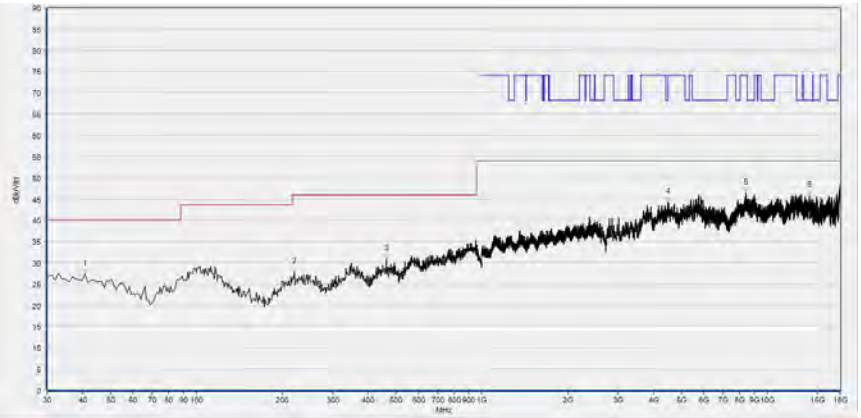
(Antenna Horizontal, 30MHz to 18GHz)



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
43.594	26.20	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
227.107	28.35	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
472.763	30.54	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4716.383	44.70	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5859.292	46.35	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12630.486	46.50	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

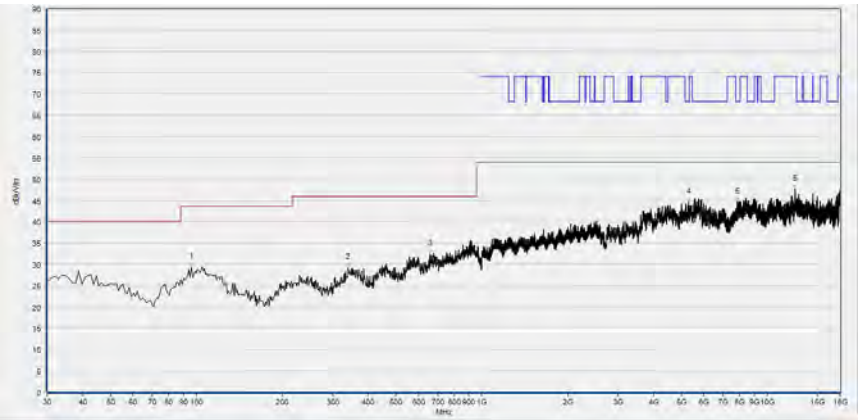
(Antenna Vertical, 30MHz to 18GHz)

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
40.681	27.28	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
220.310	27.90	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
462.082	30.88	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4479.176	44.20	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8388.478	46.49	N/A	N/A	74.00	N/A	74.00	Horizontal	PASS
14026.005	45.83	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
96.026	29.30	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
339.740	29.11	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
658.218	32.32	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5310.942	44.56	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7840.128	44.58	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12522.665	47.58	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Annex A Test Uncertainty

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

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

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

Annex B Testing Laboratory Information

1. Identification of the Responsible Testing Laboratory

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

2. Identification of the Responsible Testing Location

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

3. Facilities and Accreditations

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

4. Test Equipments Utilized

4.1 Conducted Test Equipments

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Attenuator 1	N/A	10dB	Resnet	N/A	N/A
EXA Signal Analzyer	MY53470836	N9010A	Agilent	2022.03.01	2023.02.28
USB Wideband Power Sensor	MY54180008	U2021XA	Agilent	2021.10.21	2022.10.20
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	2021.10.20	2022.10.19

4.2 Conducted Emission Test Equipments

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Receiver	MY56400093	N9038A	KEYSIGHT	2022.03.03	2023.03.02
LISN	8127449	NSLK 8127	Schwarzbeck	2022.03.03	2023.03.02
Pulse Limiter (10dB)	VTSD 9561 F-B #206	VTSD 9561-F	Schwarzbeck	2021.07.21	2022.07.20
Coaxial Cable(BNC) (30MHz-26GHz)	CB01	EMC01	Morlab	N/A	N/A
NOTEBOOK	DF2DR A01 DPC	VOSTRO 5370	DELL	NA	NA
ADAPTER	OKXTTW	LA45NM140	DELL	NA	NA

4.3 List of Software Used

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

4.4Radiated Test Equipments

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Receiver	MY54130016	N9038A	Agilent	2021.07.16	2022.07.15
Test Antenna - Bi-Log	9163-519	VULB 9163	Schwarzbeck	2019.05.24	2022.05.23
Test Antenna - Horn	BBHA9170 #774	BBHA 9170	Schwarzbeck	2022.02.11	2025.02.10
Test Antenna - Loop	1519-022	FMZB1519	Schwarzbeck	2019.07.26	2022.07.25
Test Antenna - Horn	01774	BBHA 9120D	Schwarzbeck	2019.07.26	2022.07.25
Coaxial Cable (N male) (9KHz-30MHz)	CB04	EMC04	Morlab	N/A	N/A
Coaxial Cable (N male) (30MHz-26GHz)	CB02	EMC02	Morlab	N/A	N/A
Coaxial Cable (N male) (30MHz-26GHz)	CB03	EMC03	Morlab	N/A	N/A
Coaxial Cable (N male) (30MHz-40GHz)	CB05	EMC05	Morlab	N/A	N/A
1-18GHz pre-Amplifier	61171/61172	S020180L3203	Tonscend	2021.07.16	2022.07.15
18-26.5GHz pre-Amplifier	46732	S10M100L3802	Tonscend	2021.07.16	2022.07.15
26-40GHz pre-Amplifier	56774	S40M400L4002	Tonscend	2021.07.16	2022.07.15
Notch Filter	N/A	WRCG-5150-5350	Wainwright	2021.07.16	2022.07.15
Notch Filter	N/A	WRCG-5470-5725	Wainwright	2021.07.16	2022.07.15
Notch Filter	N/A	WRCG-5725-5850	Wainwright	2021.07.16	2022.07.15

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

END OF REPORT