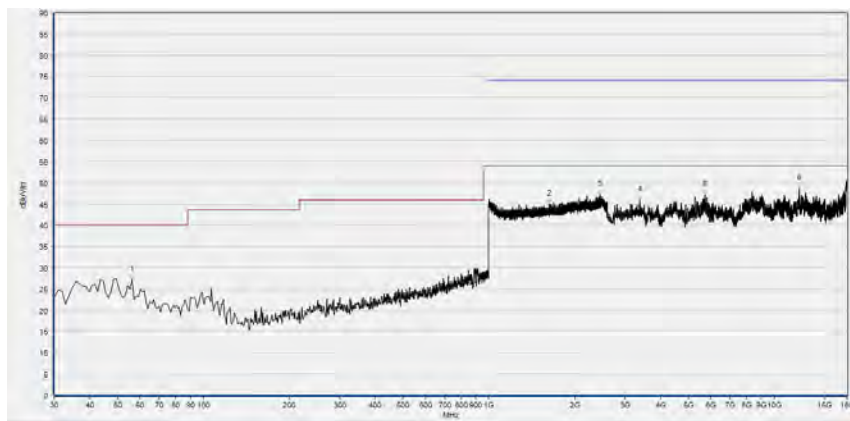
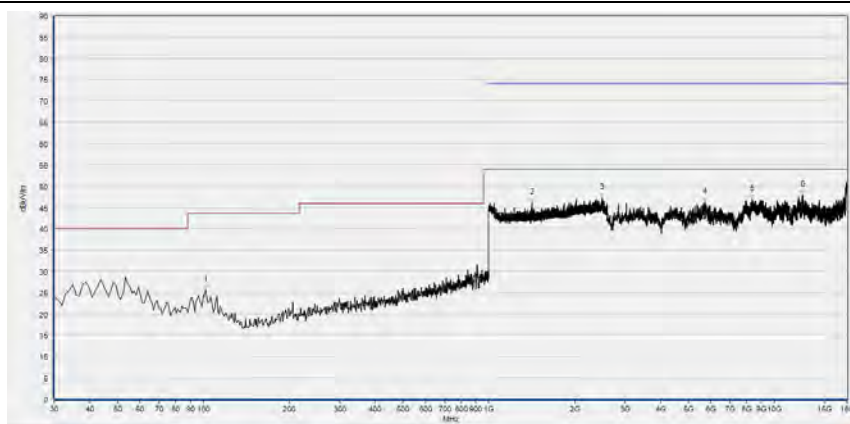


Plots for Channel = 102



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
56.216	27.12	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
1629.543	44.86	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
2454.351	47.13	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
3379.396	45.84	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
5714.503	47.16	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12248.490	48.53	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

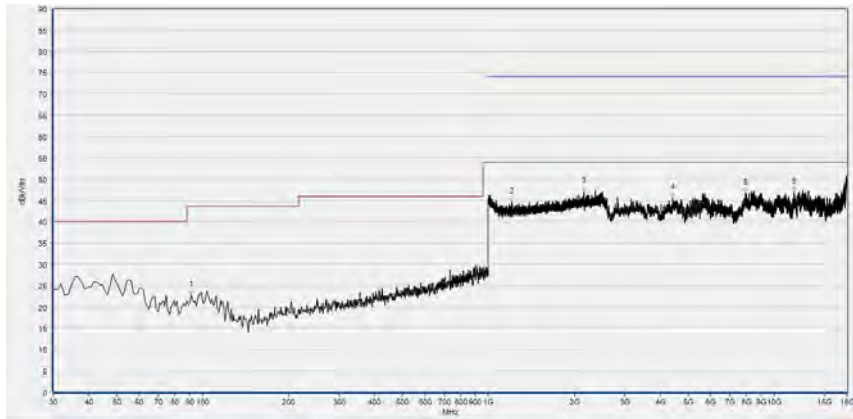
(Antenna Horizontal, 30MHz to 25GHz)



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	25.60	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1417.739	46.10	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
2488.496	47.20	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5714.503	46.22	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
8369.994	46.95	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12602.761	47.90	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

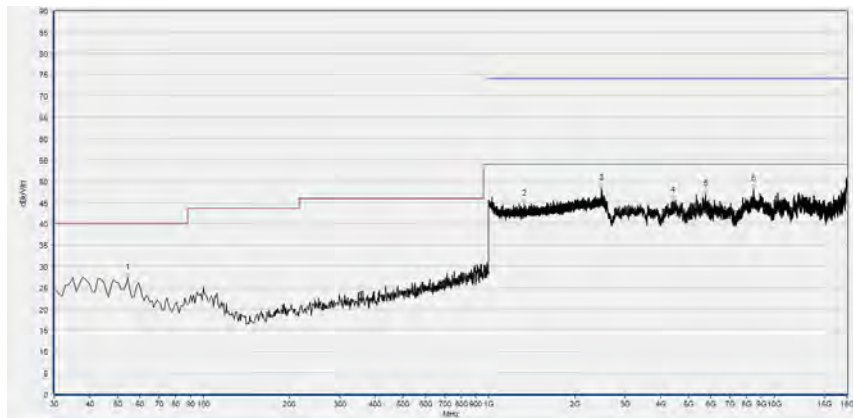
(Antenna Vertical, 30MHz to 25GHz)

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
91.171	22.88	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1208.069	44.53	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
2160.387	47.09	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
4423.725	45.57	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
7935.627	46.72	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
11770.994	46.85	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

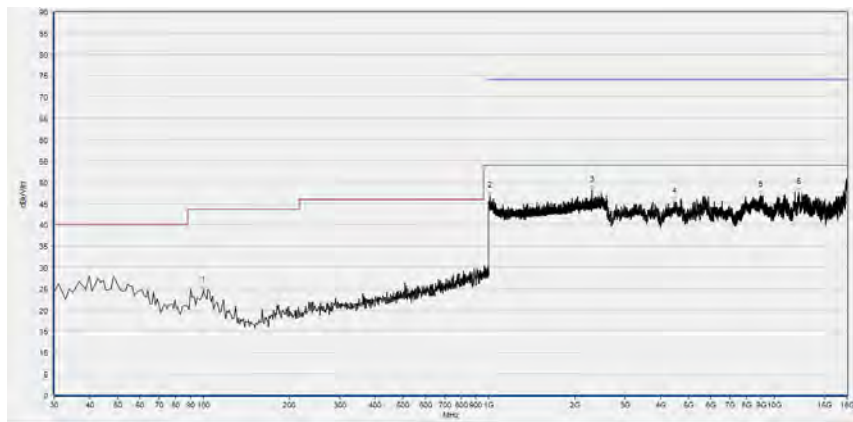
(Antenna Horizontal, 30MHz to 25GHz)



Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
54.274	27.36	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
1327.576	44.63	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
2484.762	48.30	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4408.322	45.41	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
5763.793	46.90	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
8450.090	48.08	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

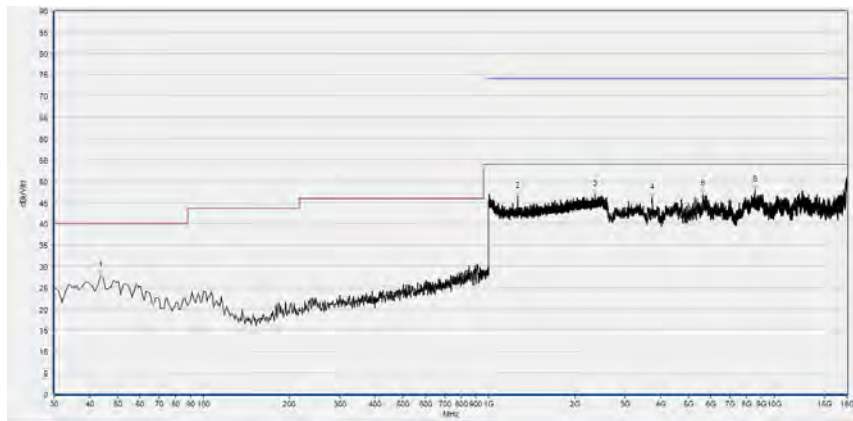
(Antenna Vertical, 30MHz to 25GHz)

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
99.910	24.58	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1009.603	46.70	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
2295.365	48.09	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4473.015	45.39	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
8973.795	46.93	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12149.910	47.51	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

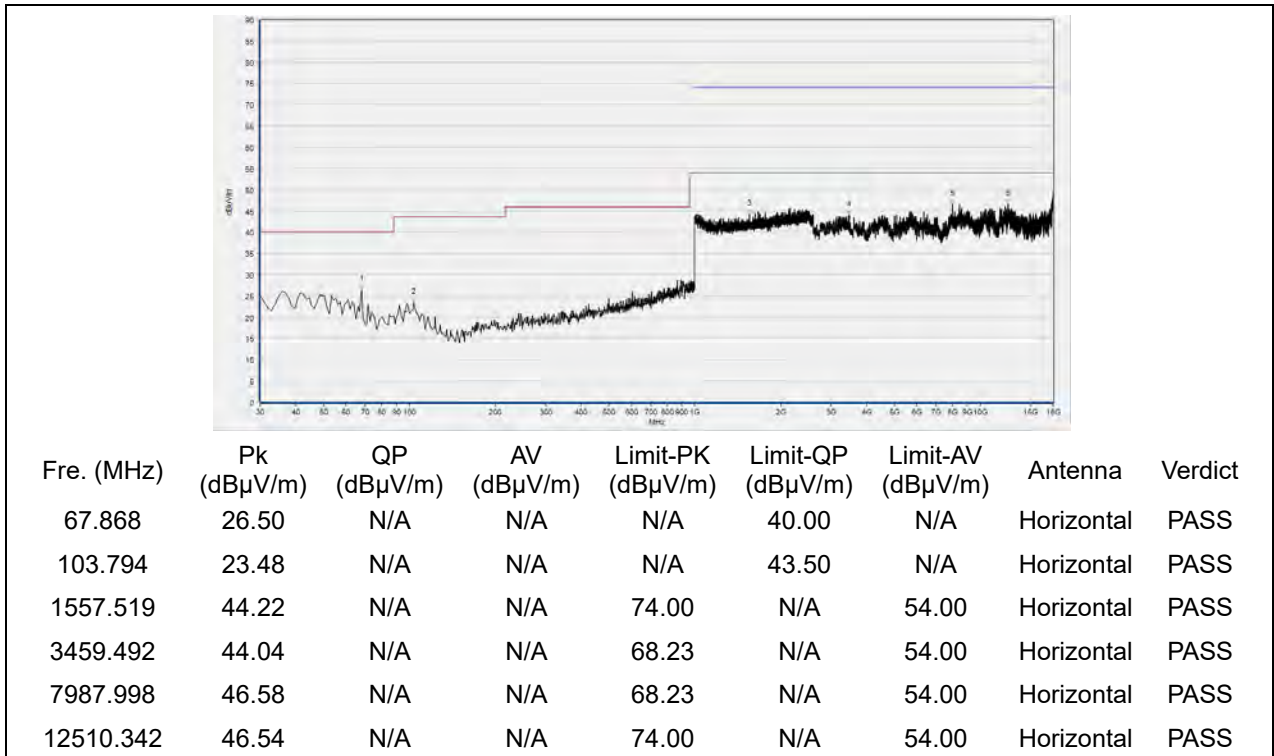
(Antenna Horizontal, 30MHz to 25GHz)



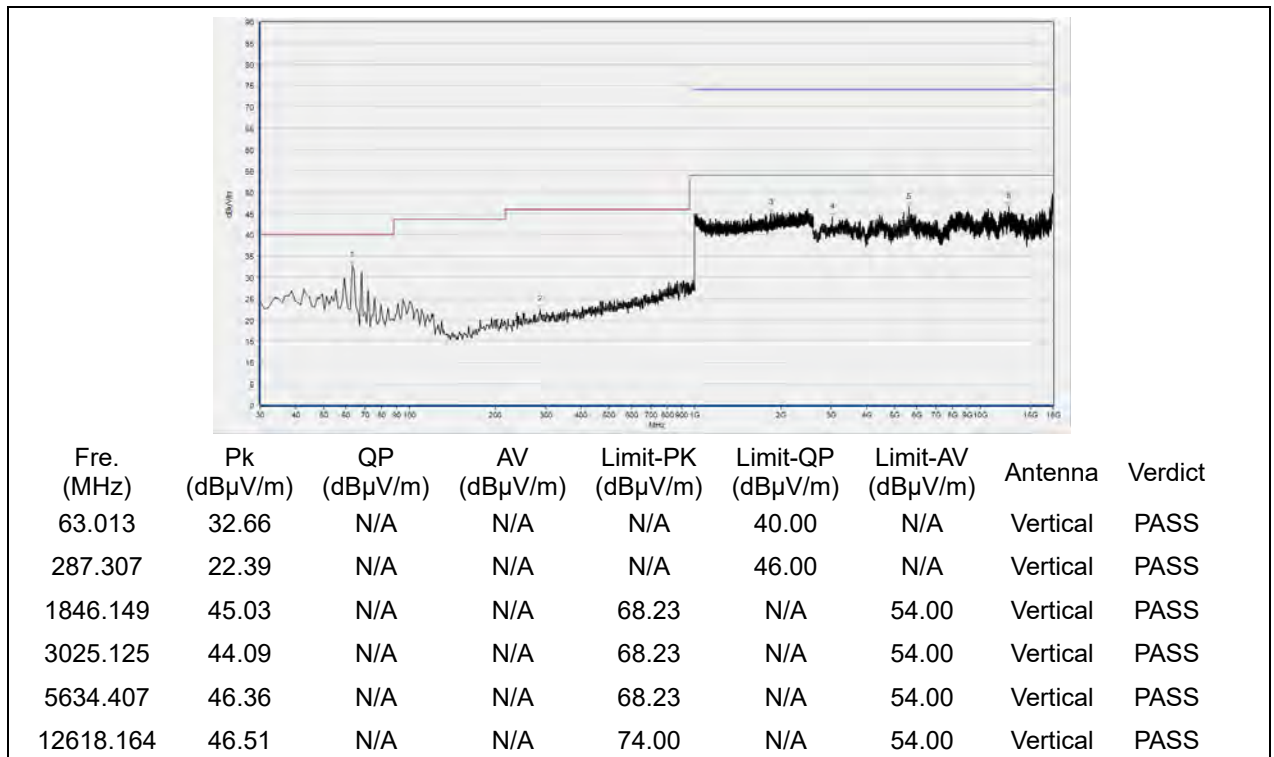
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
43.594	27.82	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
1259.820	46.44	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
2357.786	46.96	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3739.828	46.09	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5631.326	46.97	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
8576.395	47.88	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)

Plot for Channel = 151

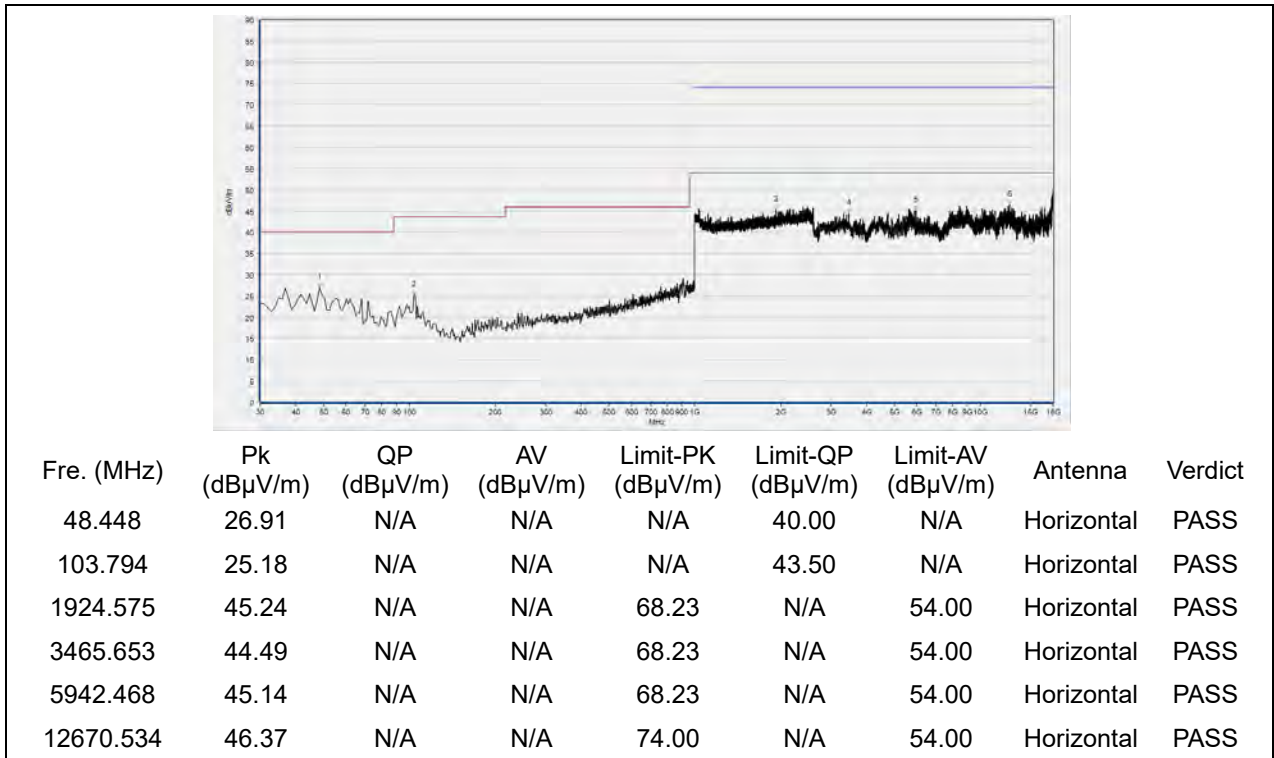


(Antenna Horizontal, 30MHz to 25GHz)

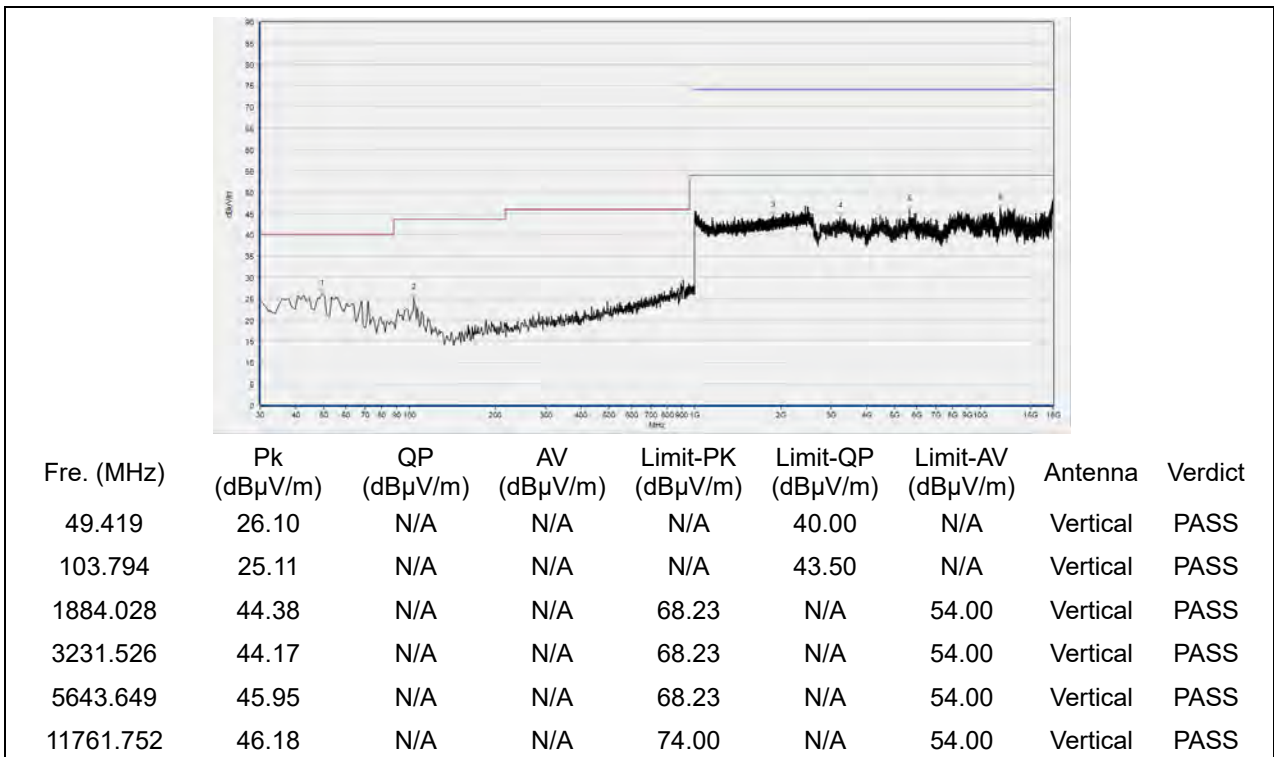


(Antenna Vertical, 30MHz to 25GHz)

Plots for Channel = 159



(Antenna Horizontal, 30MHz to 25GHz)



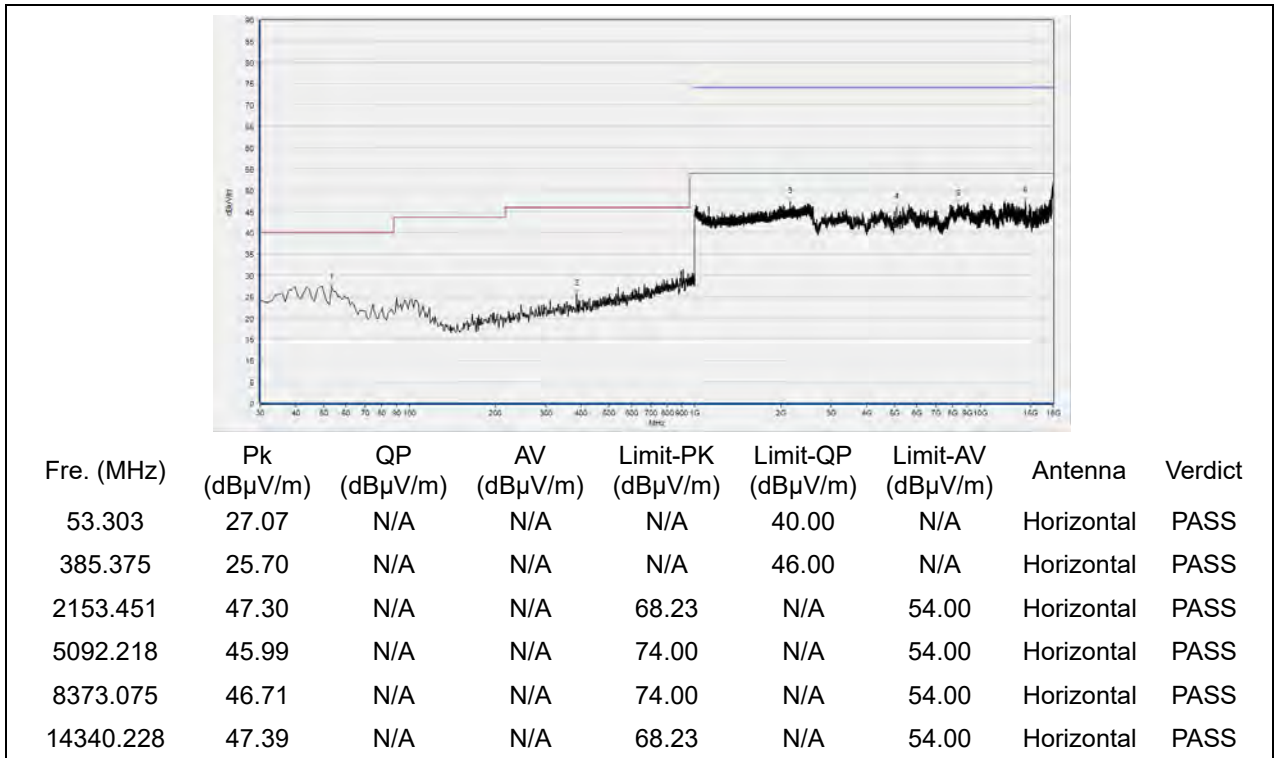
(Antenna Vertical, 30MHz to 25GHz)



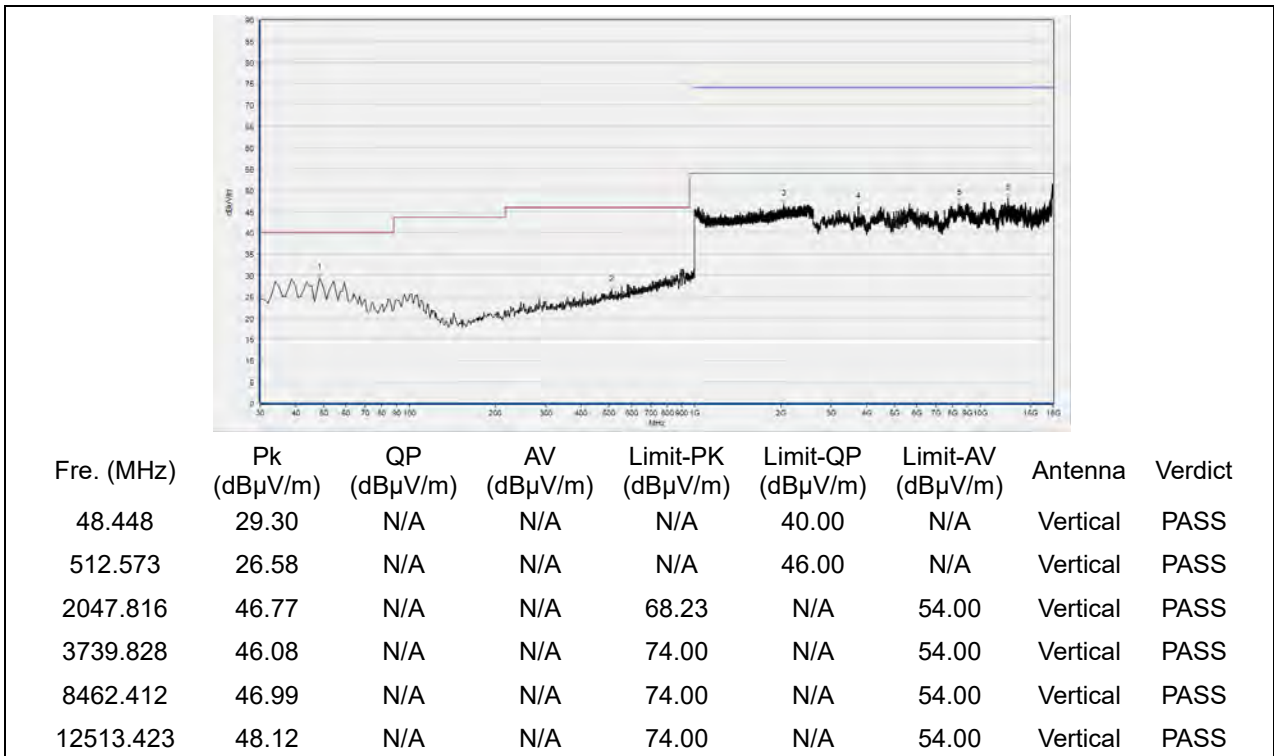


**802.11ac (VHT20) Test mode**

Plots for Channel = 36

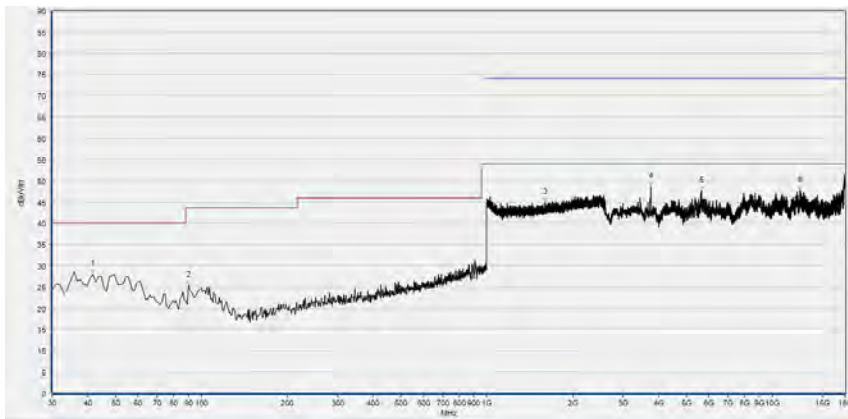


(Antenna Horizontal, 30MHz to 25GHz)



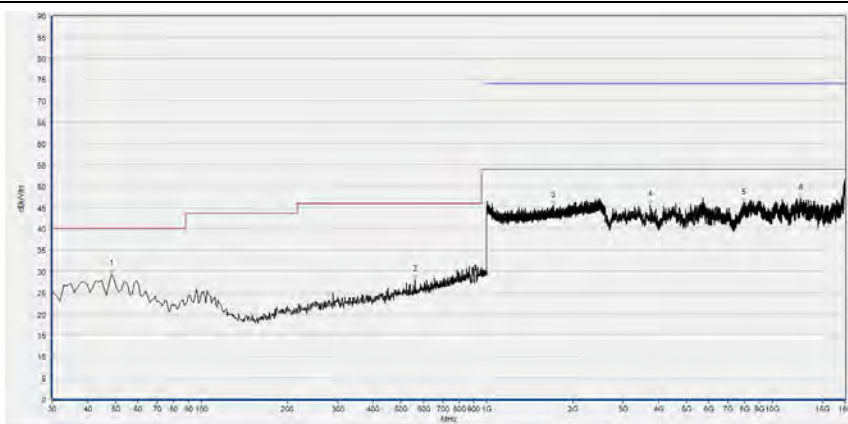
(Antenna Vertical, 30MHz to 25GHz)

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
41.652	28.03	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
90.200	25.32	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1598.600	44.96	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
3749.070	48.57	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5640.568	47.56	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12516.503	47.72	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

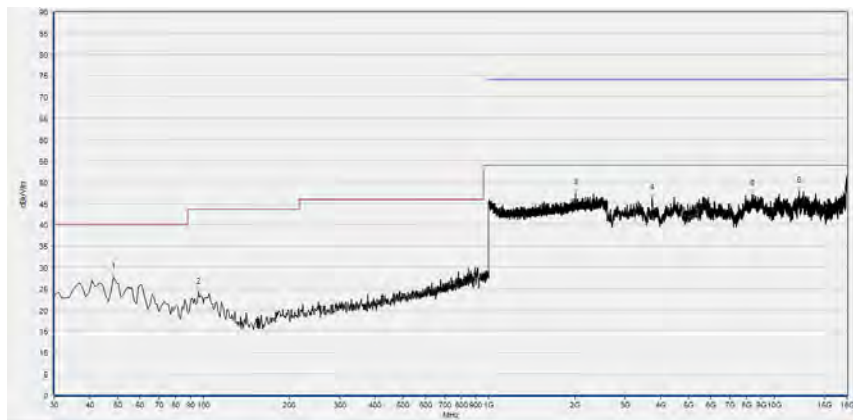
(Antenna Horizontal, 30MHz to 25GHz)



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	29.33	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
561.121	27.97	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1704.768	45.49	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3736.747	45.52	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
7929.466	46.08	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12621.244	47.06	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

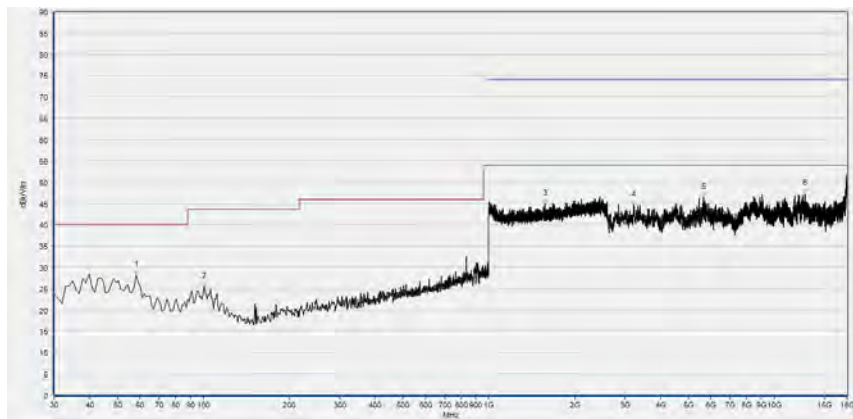
(Antenna Vertical, 30MHz to 25GHz)

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	27.64	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
96.026	24.07	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2019.006	47.37	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
3736.747	46.22	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8376.155	47.02	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12257.732	47.86	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 25GHz)

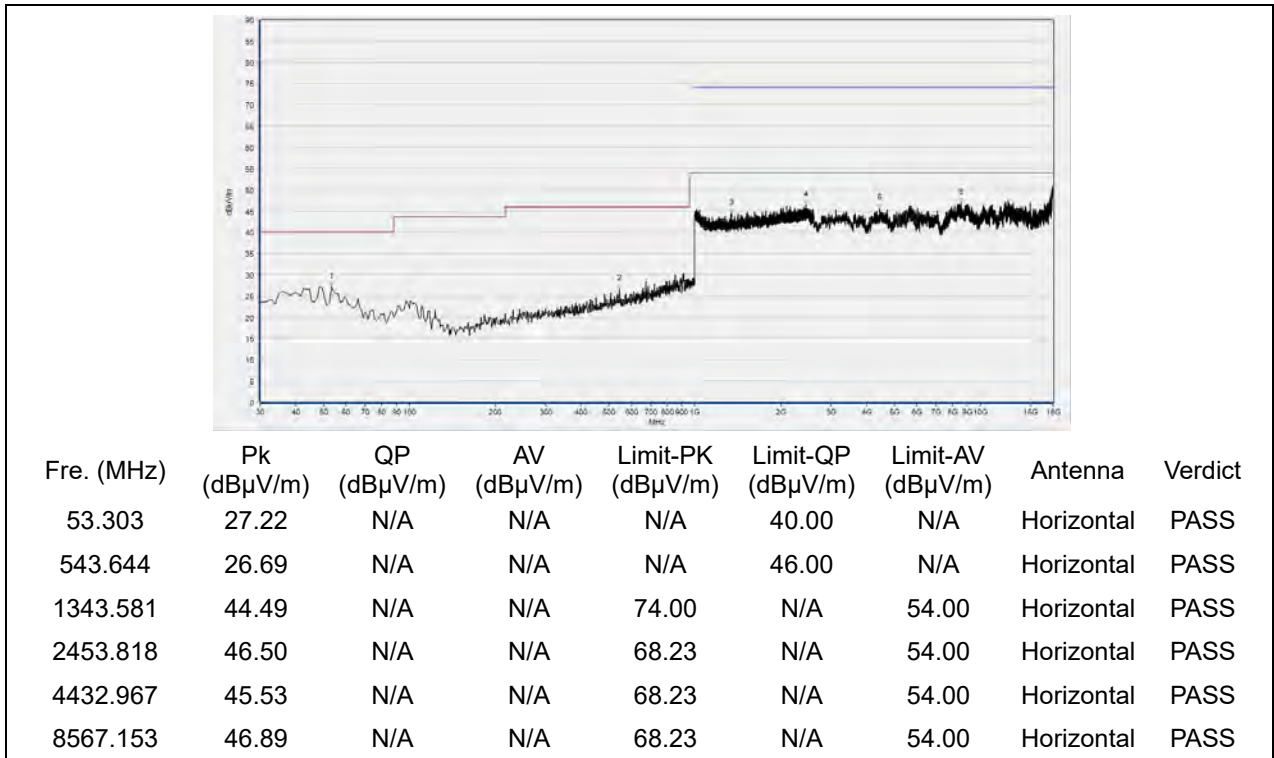


Fre. (MHz)	Pk (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
58.158	28.17	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
100.881	25.54	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1573.525	45.00	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3222.284	44.61	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5637.487	46.40	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12784.517	47.34	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

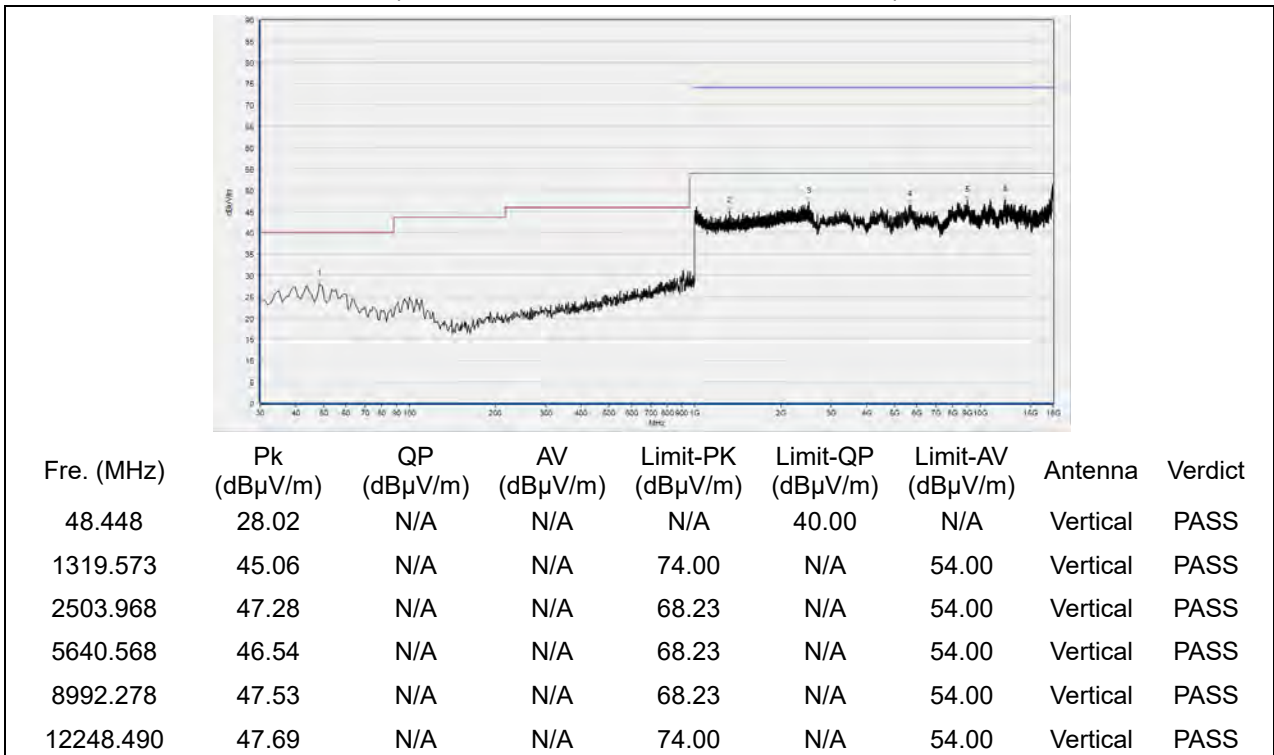
(Antenna Vertical, 30MHz to 25GHz)



Plots for Channel = 52

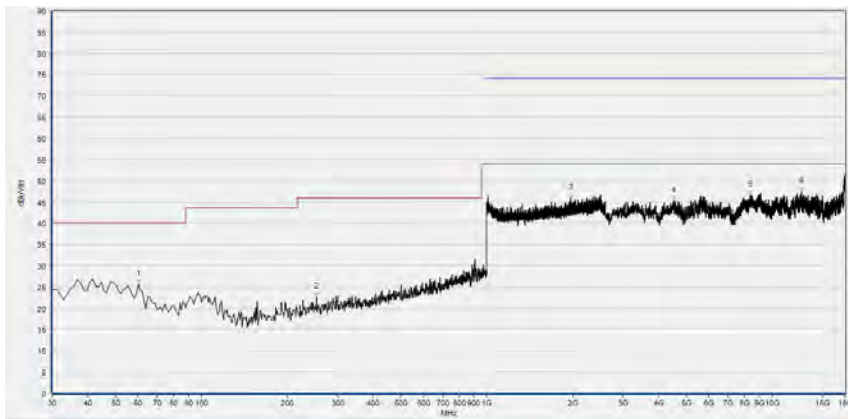


(Antenna Horizontal, 30MHz to 25GHz)



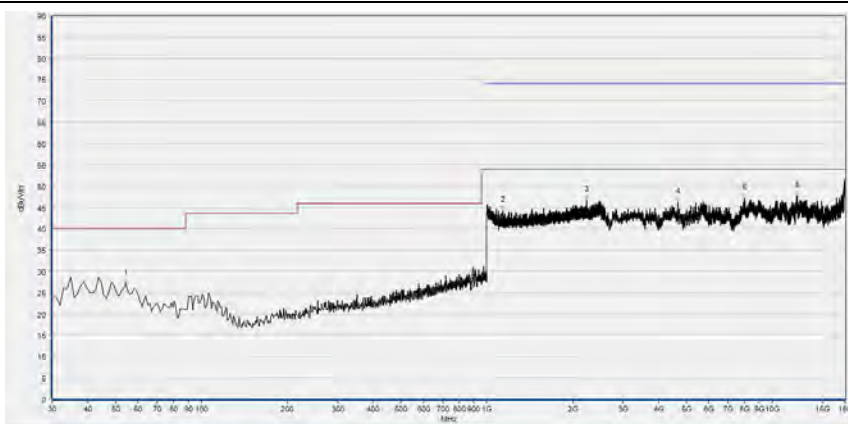
(Antenna Vertical, 30MHz to 25GHz)

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
60.100	25.60	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
253.323	22.59	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1963.521	45.86	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
4509.982	45.21	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8354.591	46.52	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12630.486	47.35	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

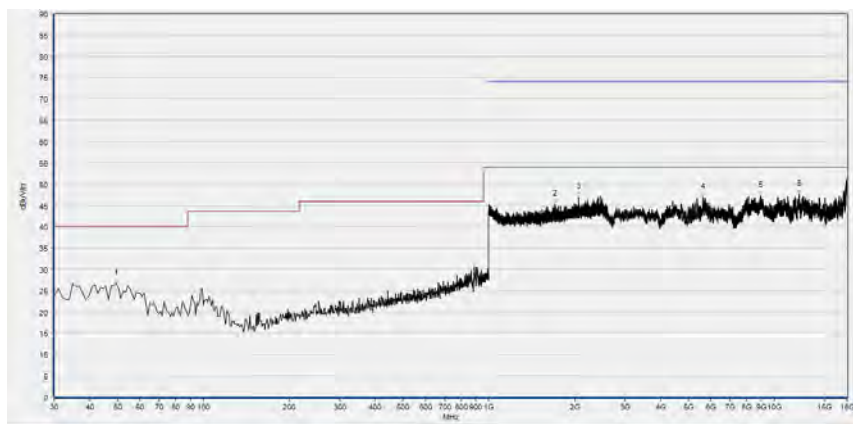
(Antenna Horizontal, 30MHz to 25GHz)



Fre. (MHz)	Pk (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
54.274	27.09	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
1139.246	44.22	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
2233.478	46.76	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4667.093	46.19	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8000.320	47.15	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12245.409	47.75	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

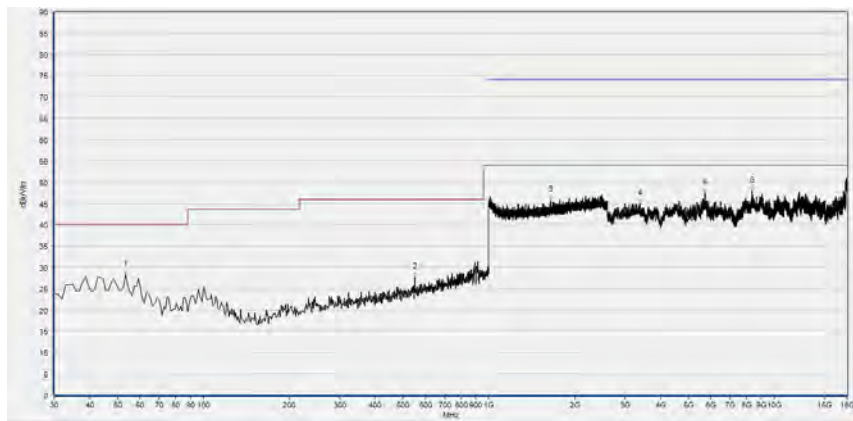
(Antenna Vertical, 30MHz to 25GHz)

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
49.419	26.72	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
1703.168	45.17	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
2063.288	46.89	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
5615.923	46.84	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
8958.392	47.20	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12245.409	47.63	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

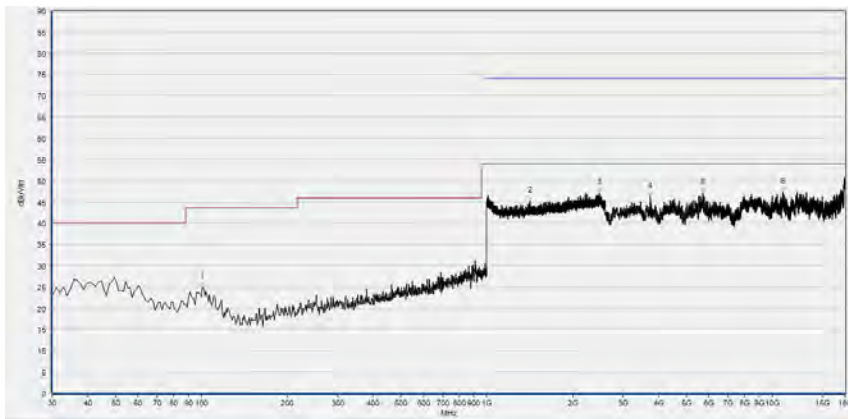
(Antenna Horizontal, 30MHz to 25GHz)



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	28.38	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
549.469	27.57	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1650.350	45.70	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
3388.638	44.85	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
5714.503	47.41	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
8382.316	47.91	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

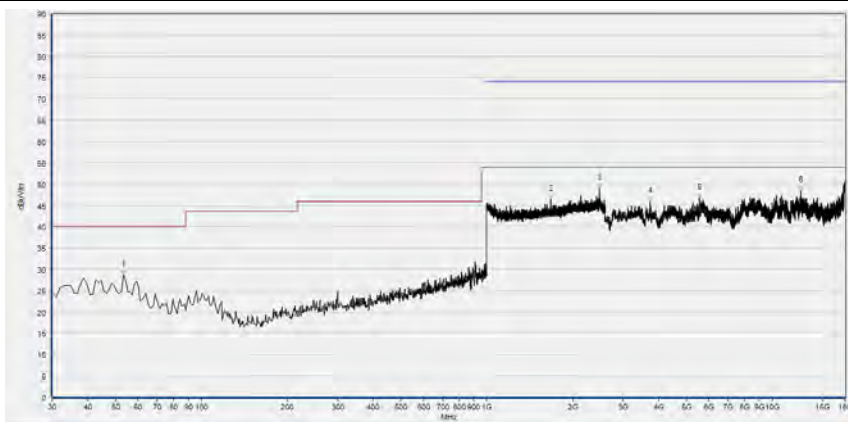
(Antenna Vertical, 30MHz to 25GHz)

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
100.881	25.01	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1417.206	45.23	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
2480.493	47.17	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
3742.909	46.24	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5708.342	47.12	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
10880.696	47.32	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

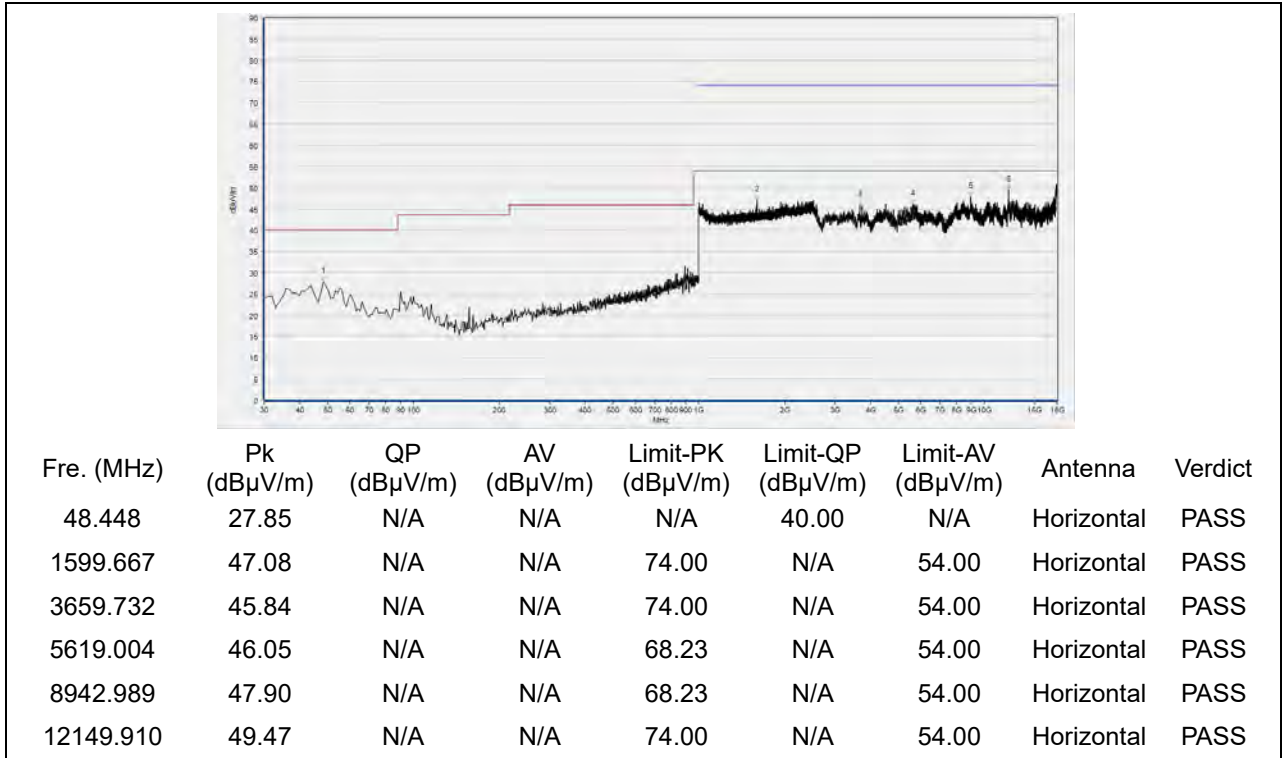
(Antenna Horizontal, 30MHz to 25GHz)



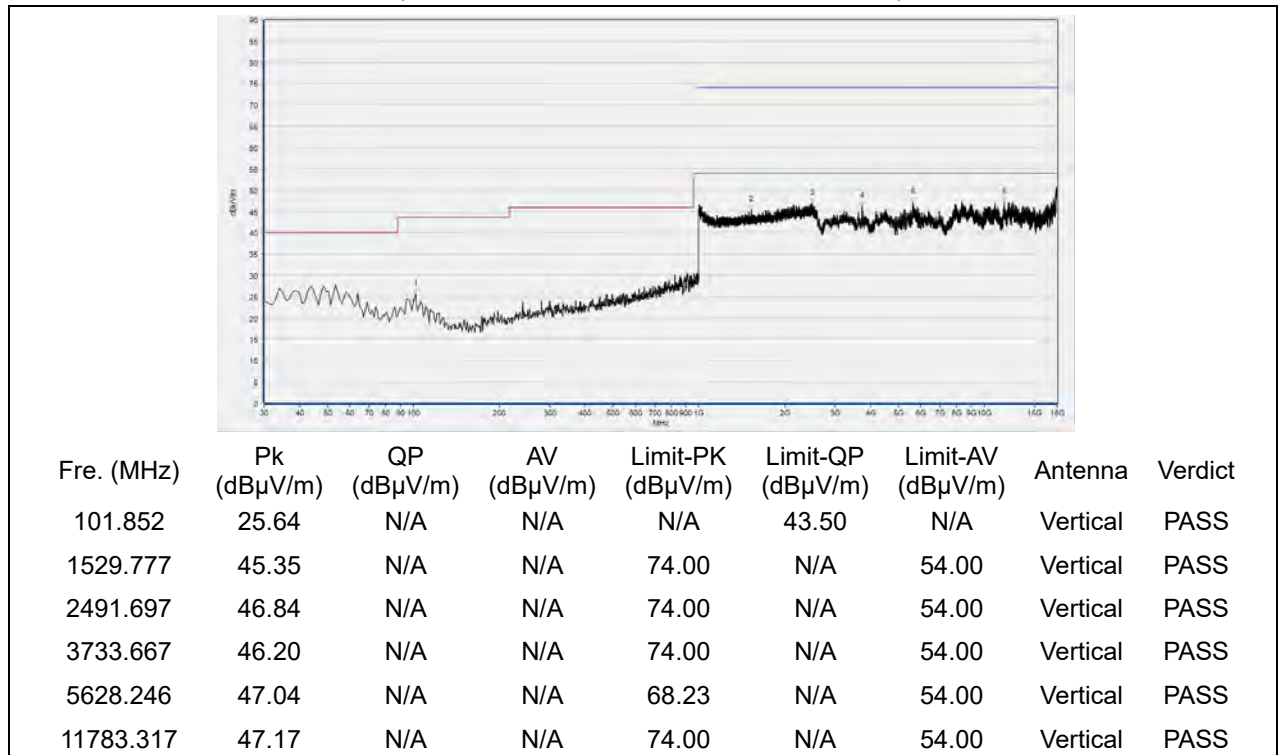
Fre. (MHz)	Pk (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
53.303	28.59	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
1678.093	46.36	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
2479.960	48.89	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
3739.828	45.94	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5551.230	46.76	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12608.922	48.46	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)

Plots for Channel = 120



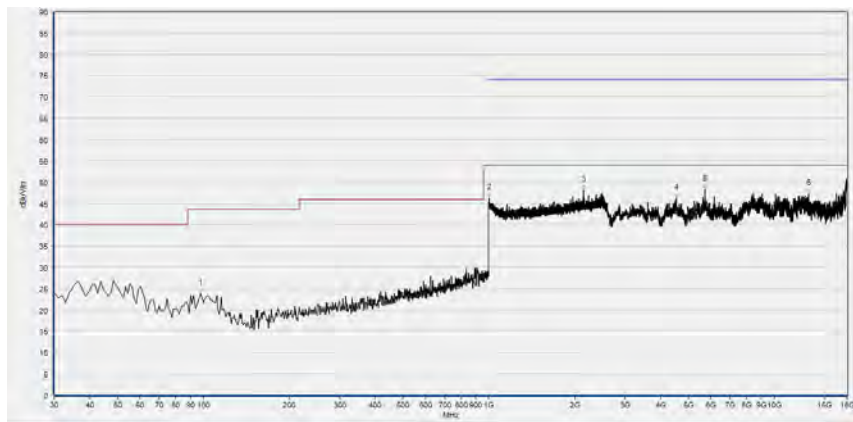
(Antenna Horizontal, 30MHz to 25GHz)



(Antenna Vertical, 30MHz to 25GHz)

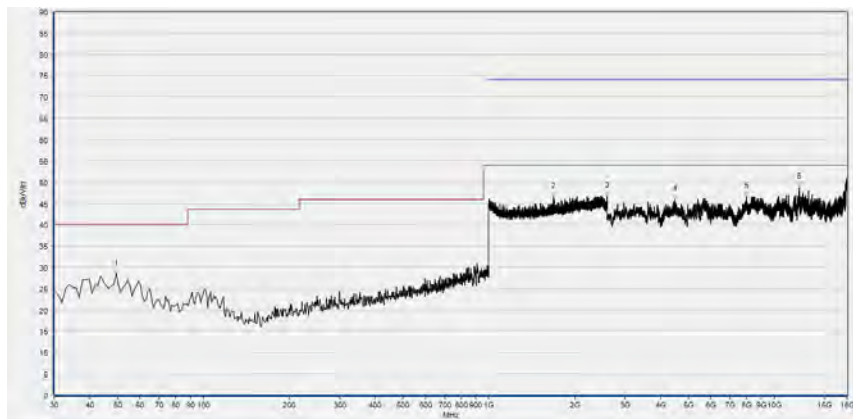


Plot for Channel = 144



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
97.968	23.72	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1001.601	46.29	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
2151.851	48.02	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
4534.627	46.33	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5720.664	48.30	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
13181.916	47.25	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

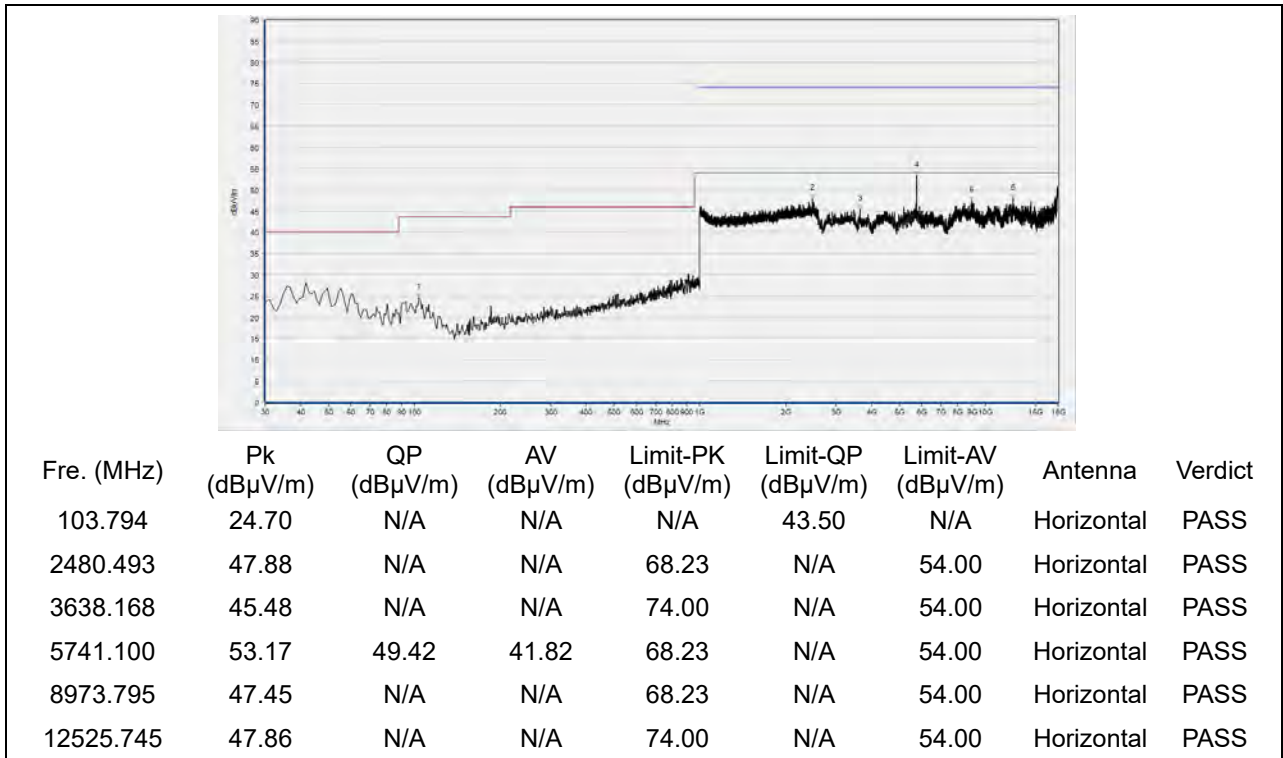
(Antenna Horizontal, 30MHz to 25GHz)



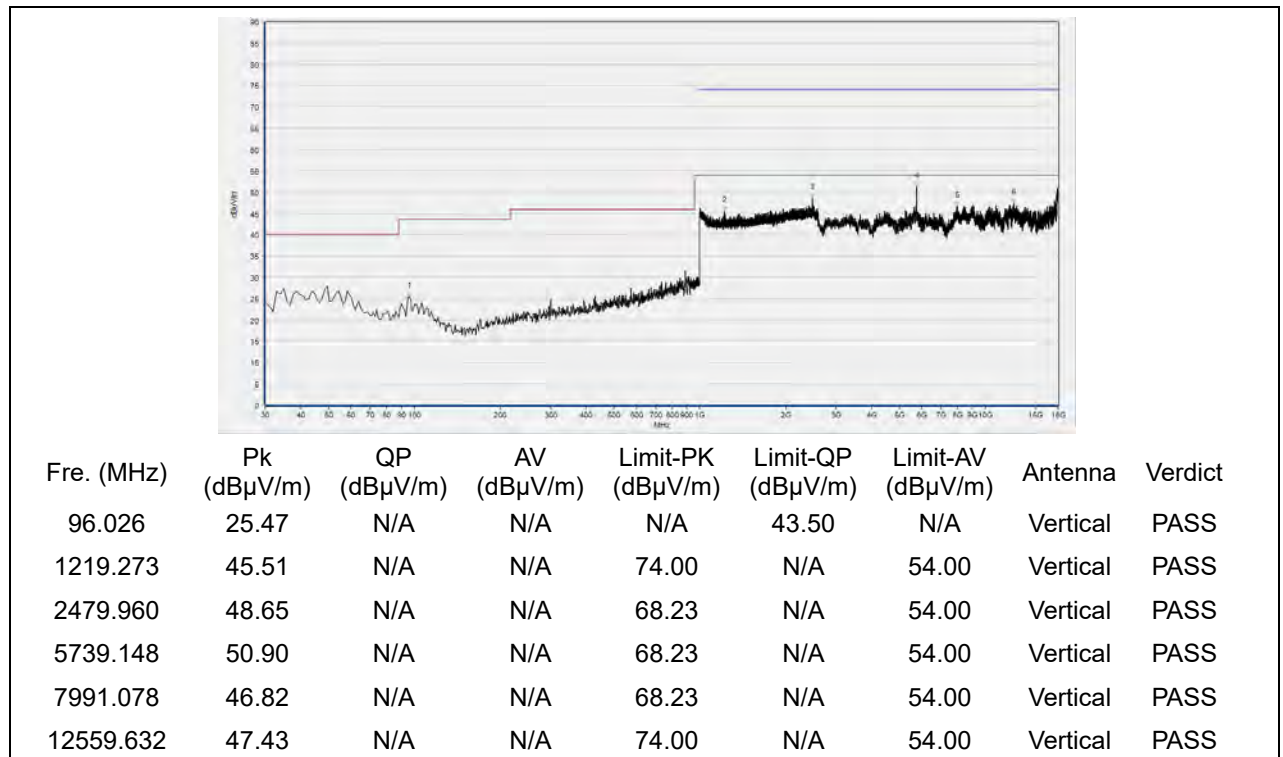
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
49.419	28.43	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
1685.562	46.61	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
2596.799	46.79	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
4494.579	45.88	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
8003.401	46.63	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12239.248	48.73	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)

Plots for Channel = 149

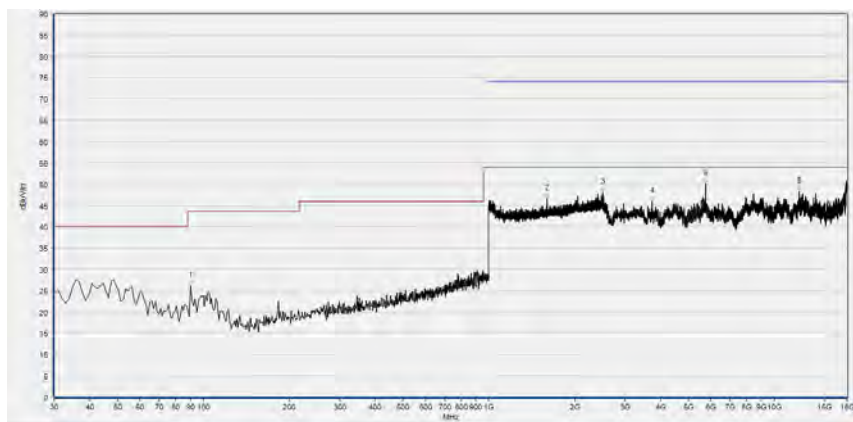


(Antenna Horizontal, 30MHz to 25GHz)



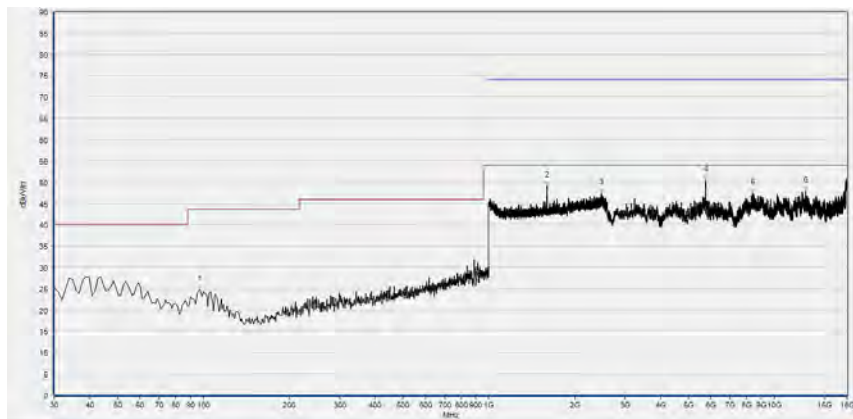
(Antenna Vertical, 30MHz to 25GHz)

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
90.200	26.10	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1598.600	46.52	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
2509.303	48.17	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
3733.667	45.97	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5745.309	50.06	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12248.490	48.24	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

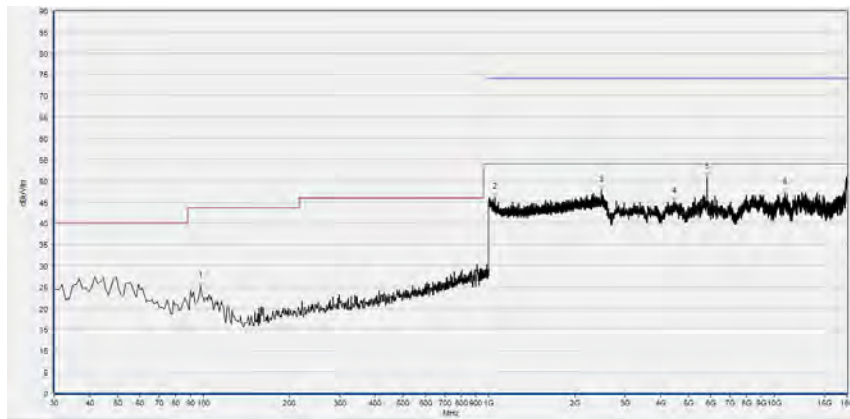
(Antenna Horizontal, 30MHz to 25GHz)



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	24.73	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1595.398	49.13	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
2479.960	47.46	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
5742.228	50.49	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
8431.606	47.47	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12883.097	47.98	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

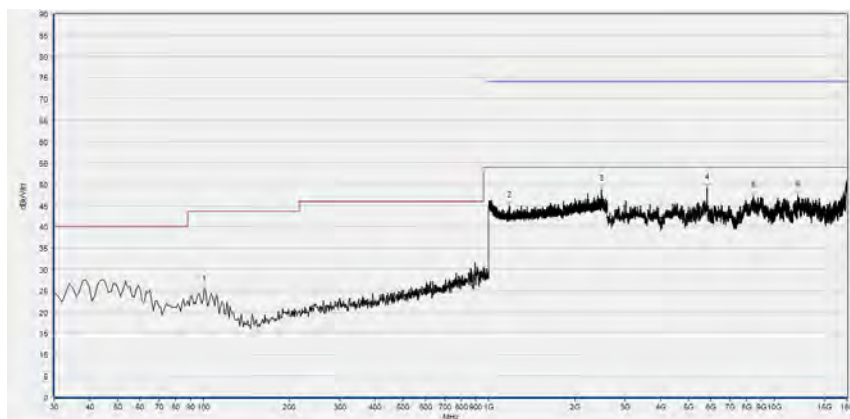
(Antenna Vertical, 30MHz to 25GHz)

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
97.968	25.06	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1049.617	46.04	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
2479.960	47.68	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
4454.531	45.03	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
5822.324	50.84	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
10893.019	47.07	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 25GHz)



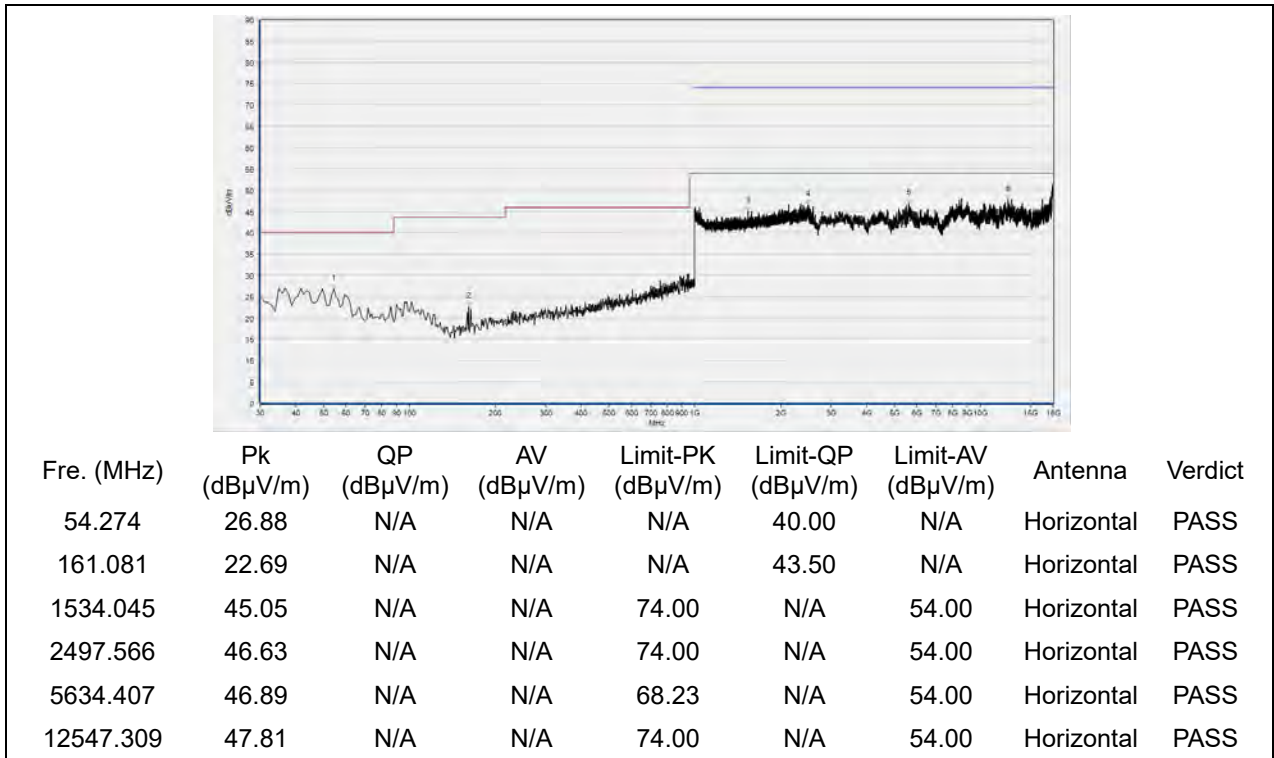
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
100.881	25.12	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1178.726	44.89	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
2480.493	48.77	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
5825.405	49.03	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
8468.574	47.04	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12116.023	47.41	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)

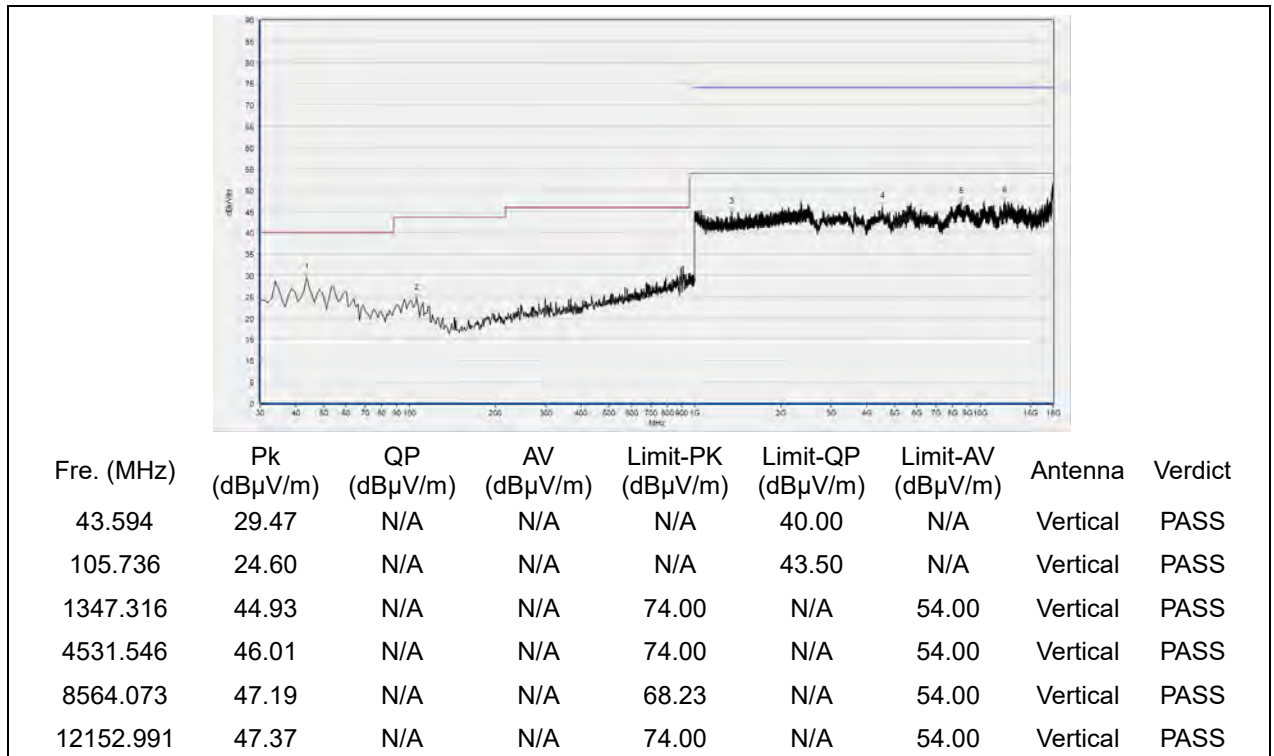


**802.11ac (VHT40) Test mode**

Plots for Channel = 38



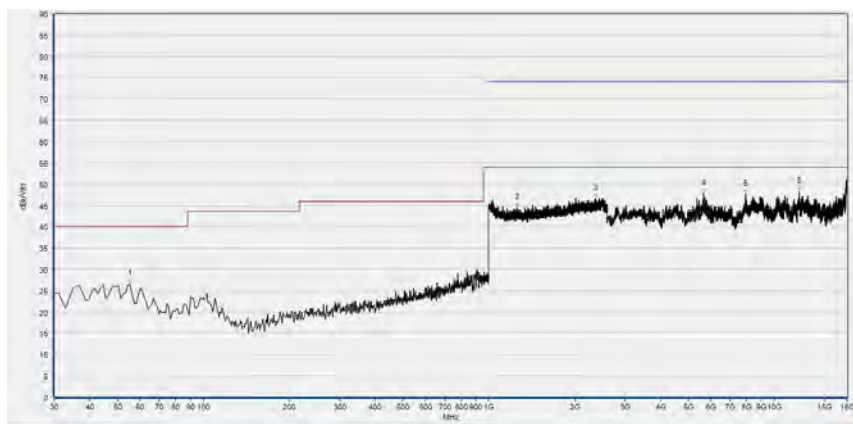
(Antenna Horizontal, 30MHz to 25GHz)



(Antenna Vertical, 30MHz to 25GHz)

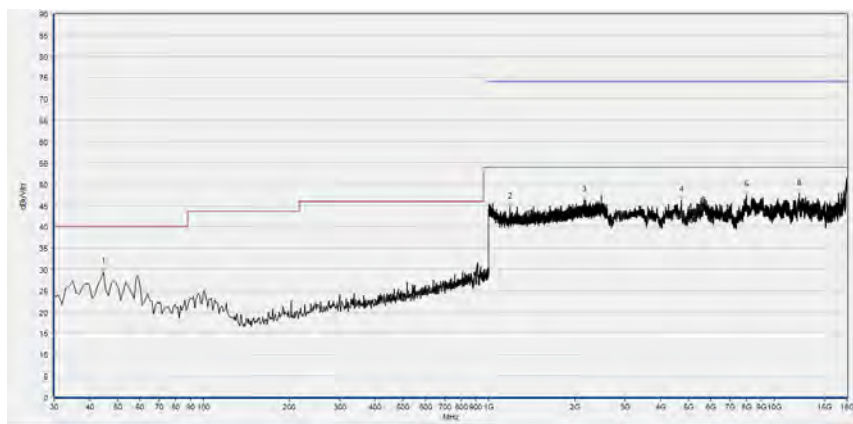


Plot for Channel = 46



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
55.245	26.45	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
1255.552	44.38	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
2363.121	46.62	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5646.729	47.78	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
7938.708	47.62	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12260.812	48.24	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

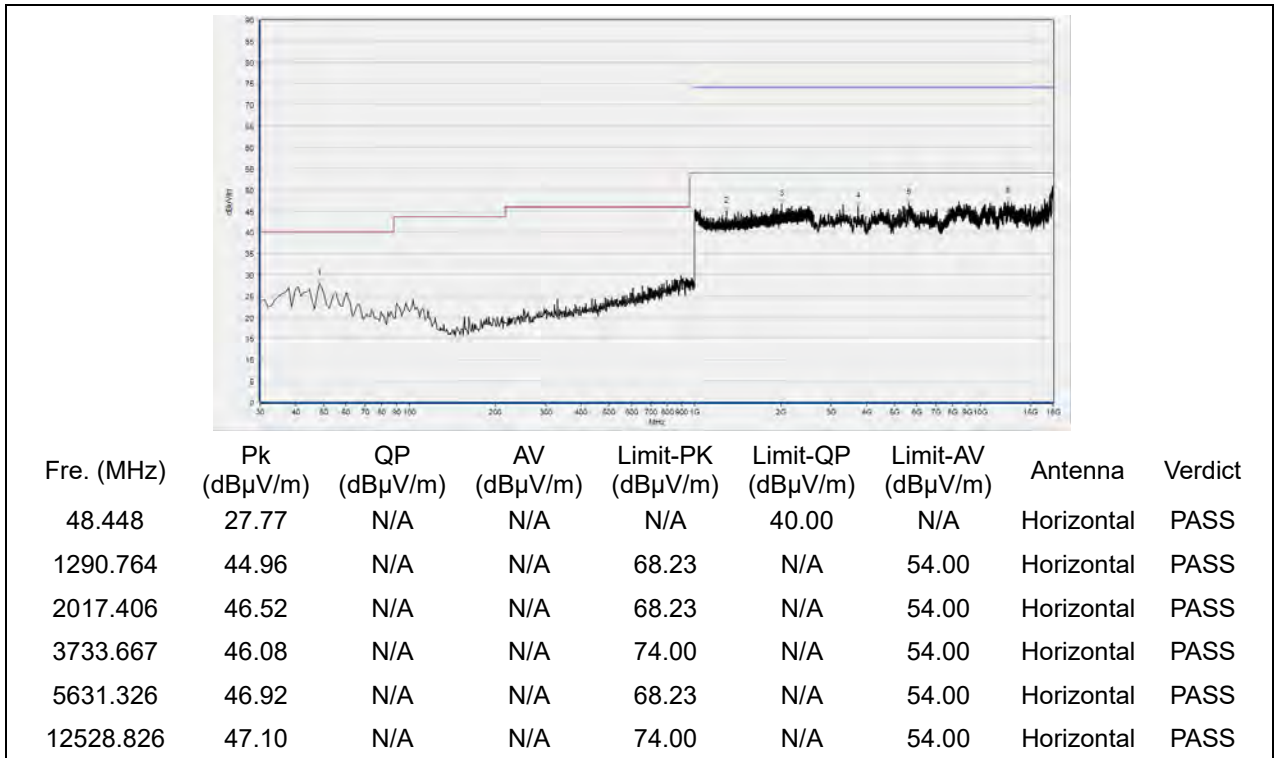
(Antenna Horizontal, 30MHz to 25GHz)



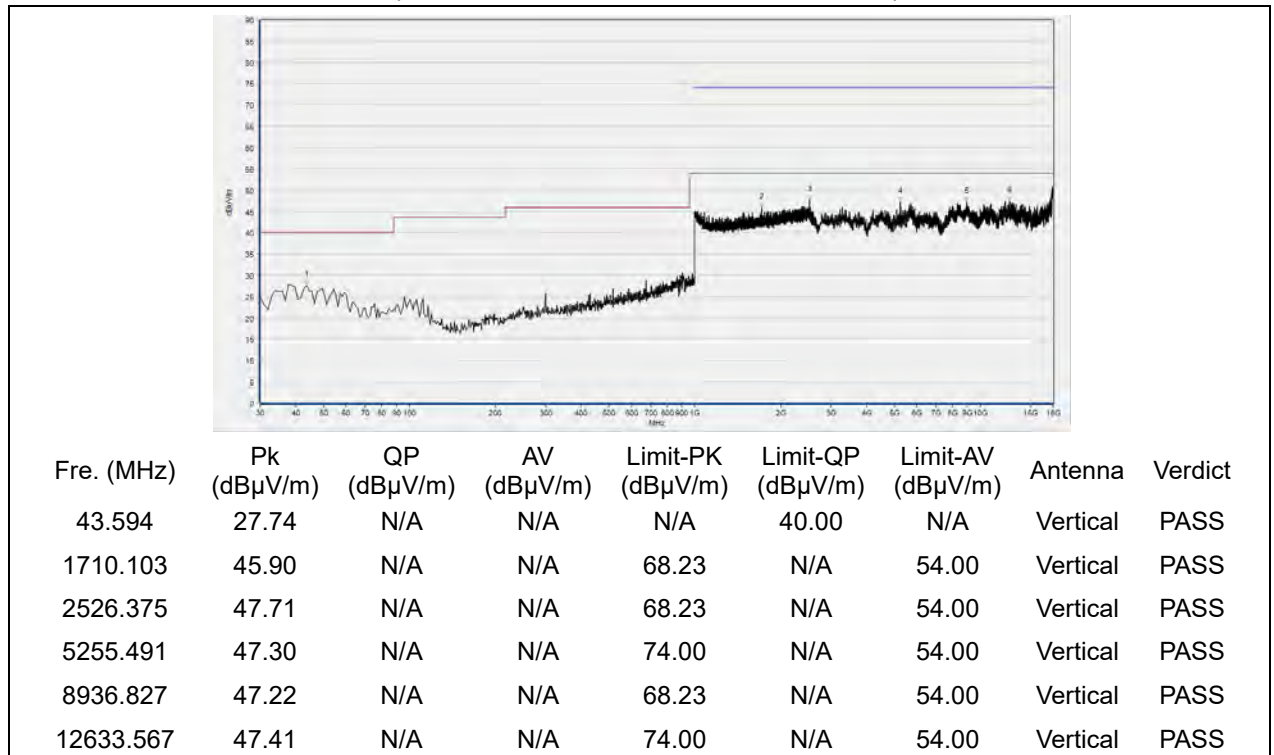
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
44.565	29.28	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
1185.662	44.54	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
2155.052	46.28	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
4719.464	46.23	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
7987.998	47.44	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12211.522	47.84	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)

Plots for Channel = 54

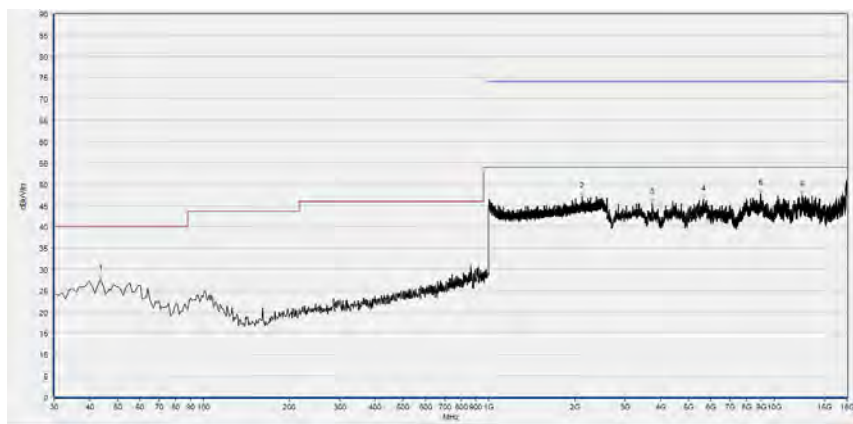


(Antenna Horizontal, 30MHz to 25GHz)



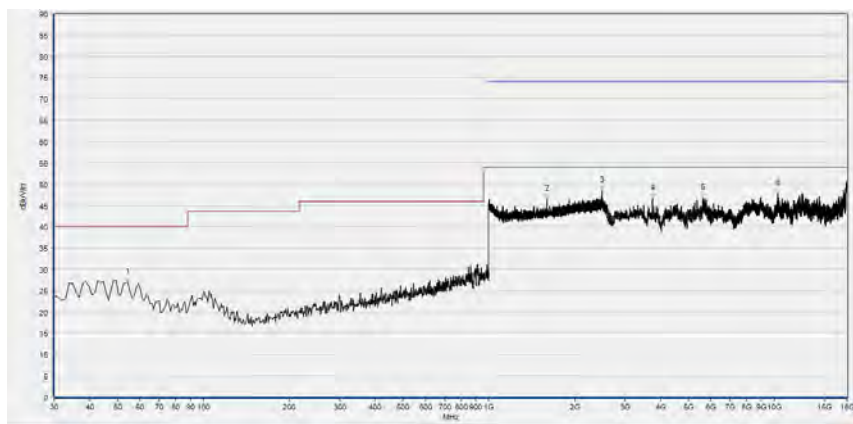
(Antenna Vertical, 30MHz to 25GHz)

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
43.594	27.58	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
2120.907	47.02	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
3742.909	45.62	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5637.487	46.36	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
8955.311	47.72	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12547.309	47.48	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

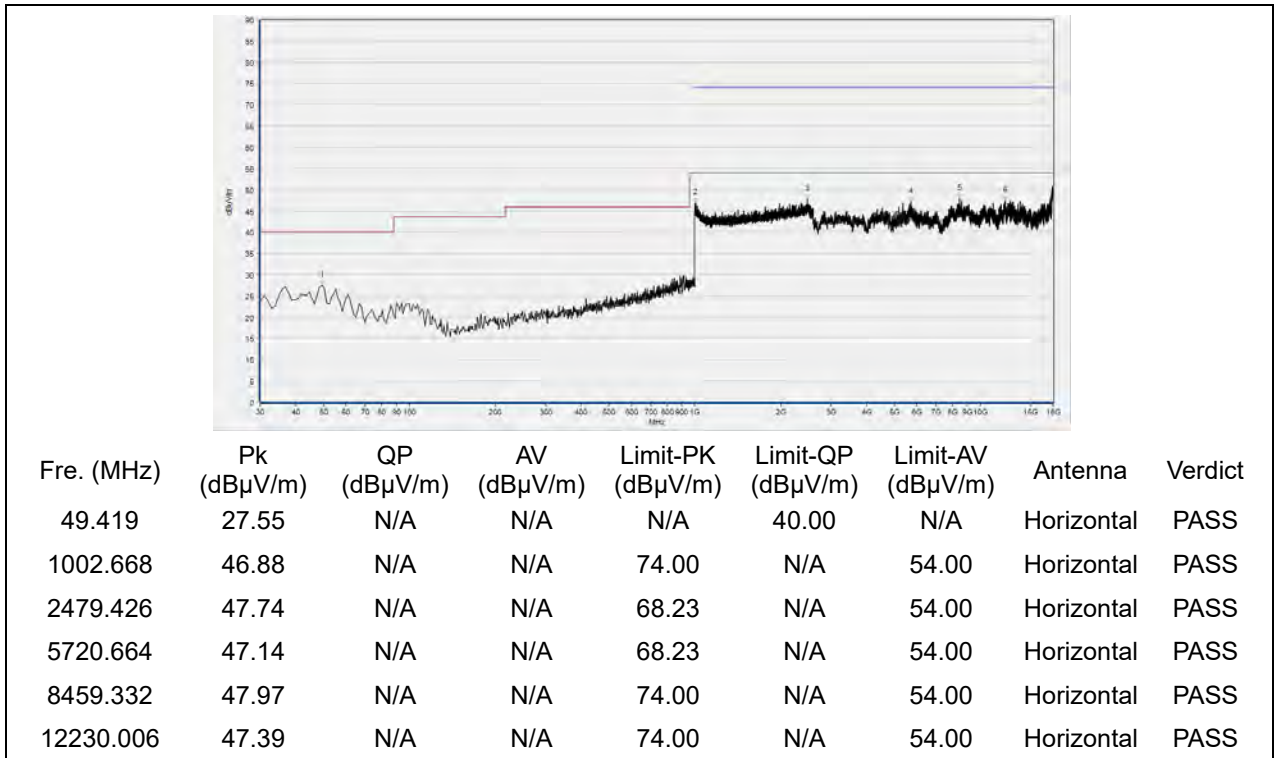
(Antenna Horizontal, 30MHz to 25GHz)



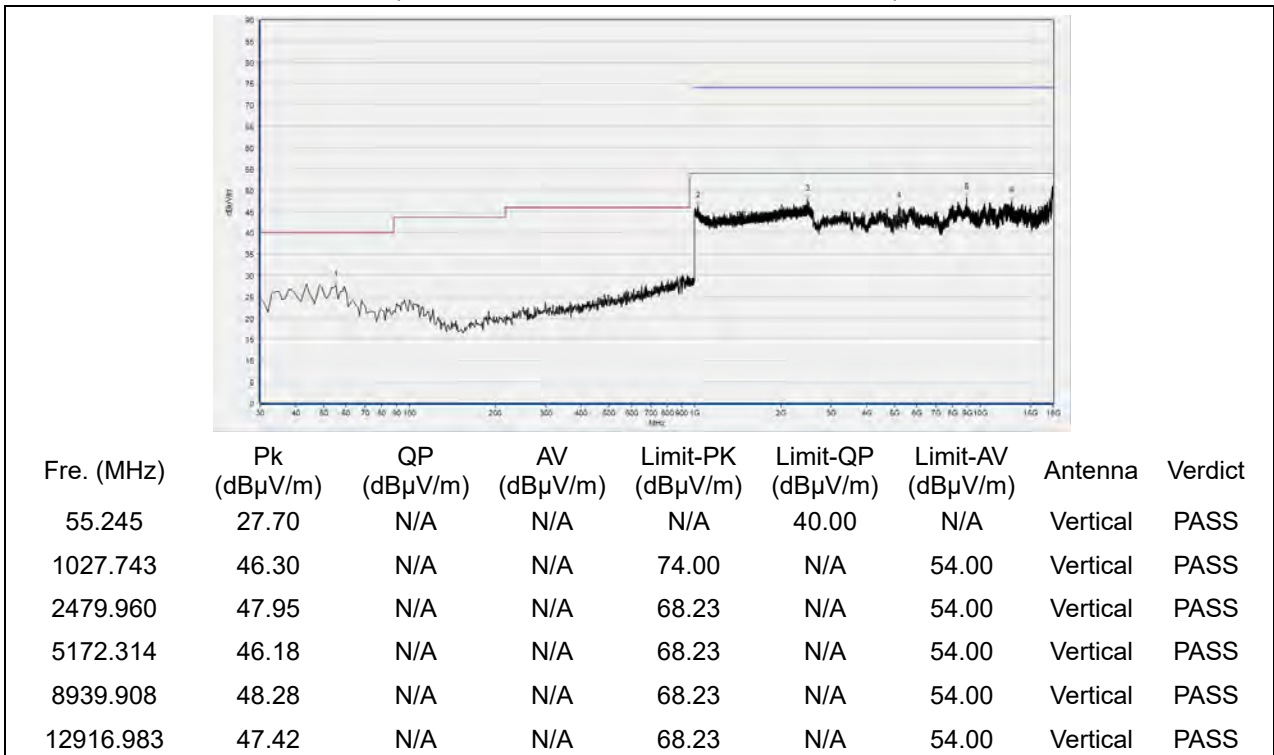
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
54.274	26.94	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
1595.398	46.41	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
2489.563	48.36	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3745.989	46.67	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5628.246	46.68	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
10276.895	47.71	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)

Plots for Channel = 102

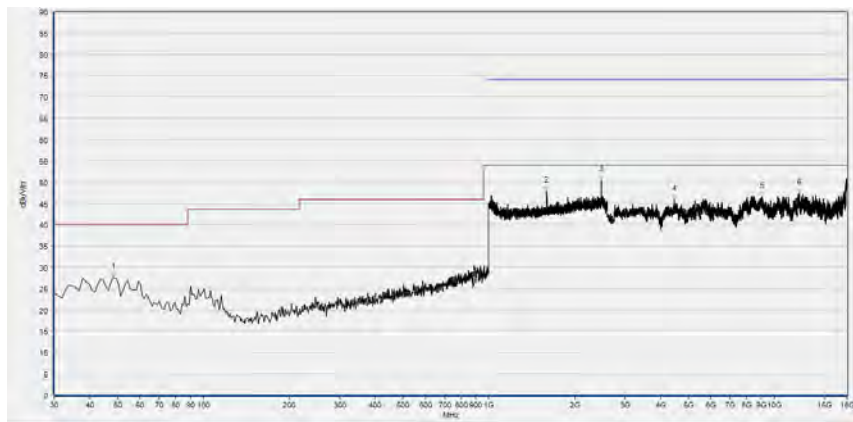


(Antenna Horizontal, 30MHz to 25GHz)



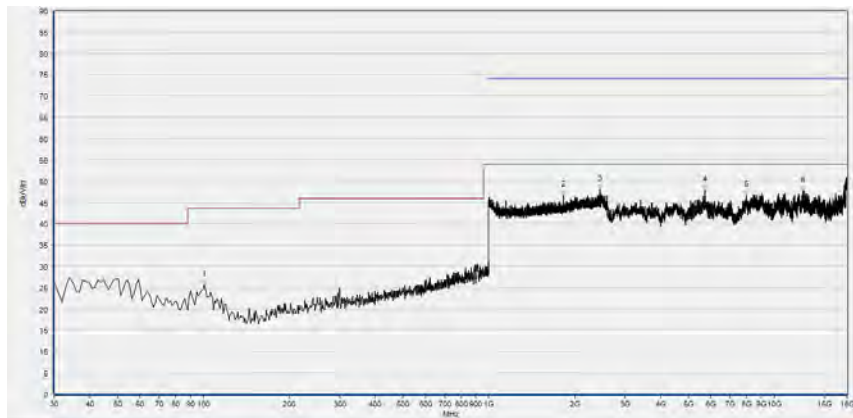
(Antenna Vertical, 30MHz to 25GHz)

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
48.448	27.73	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
1594.331	47.89	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
2479.960	50.51	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
4473.015	45.99	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
9047.730	46.64	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12245.409	47.44	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 25GHz)

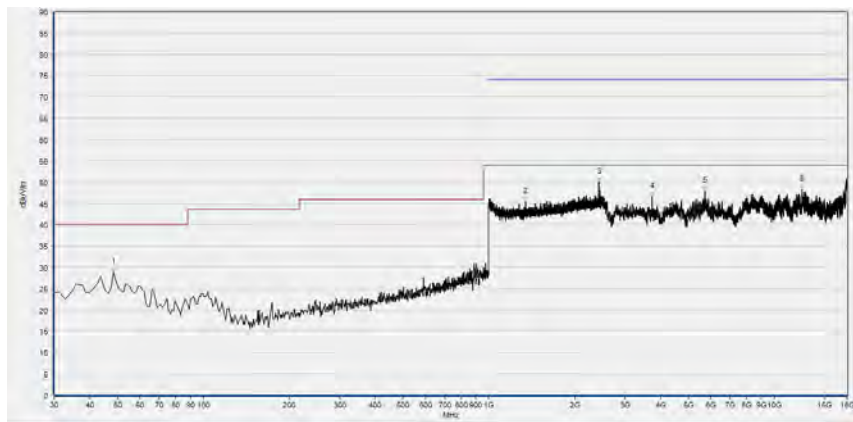


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
100.881	25.68	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1825.342	46.75	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
2451.150	48.04	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
5702.180	47.86	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
7969.514	46.72	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12621.244	47.80	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)

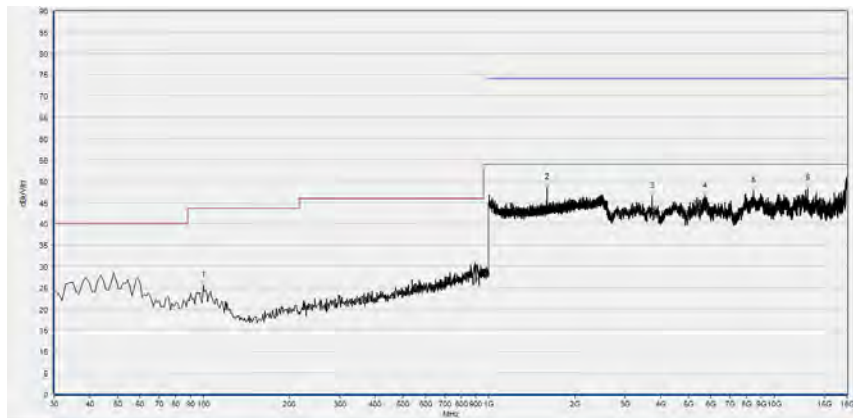


Plot for Channel = 142



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
48.448	28.86	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
1348.916	45.41	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
2429.810	49.90	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
3733.667	46.52	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5708.342	47.91	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12504.181	48.22	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

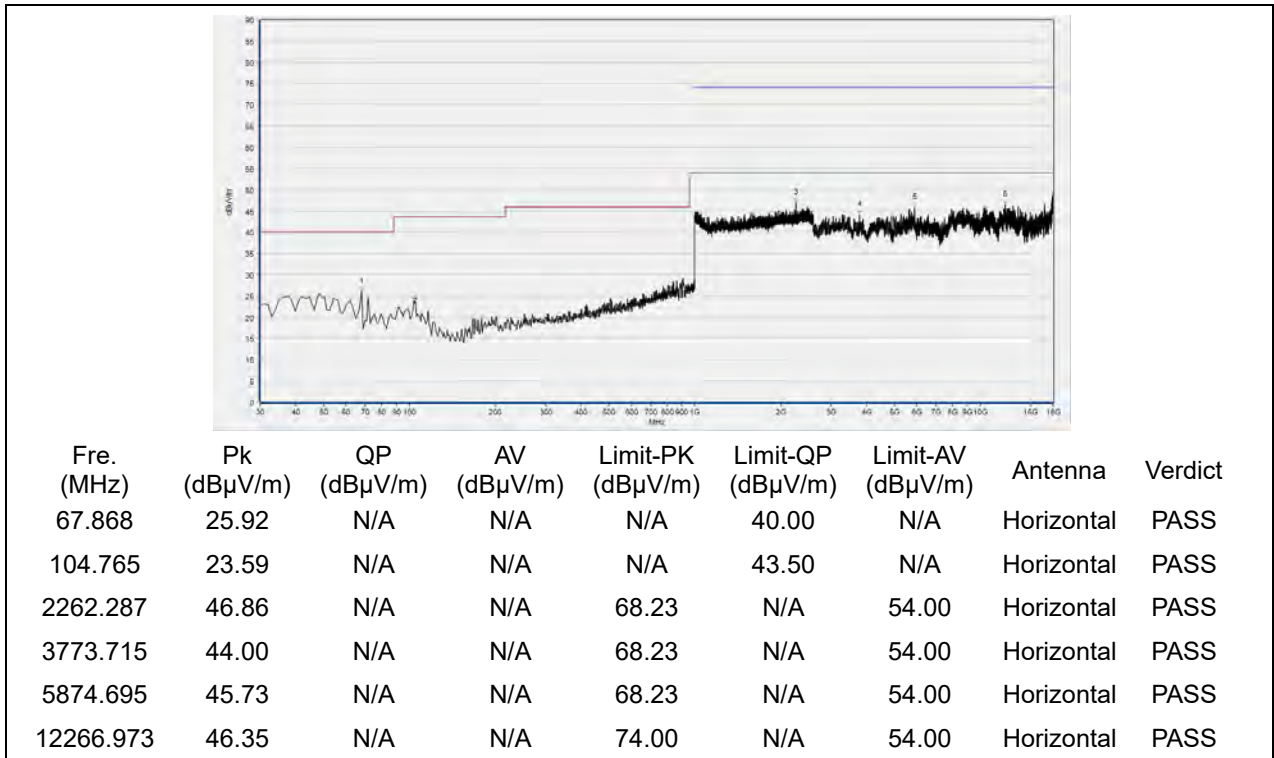
(Antenna Horizontal, 30MHz to 25GHz)



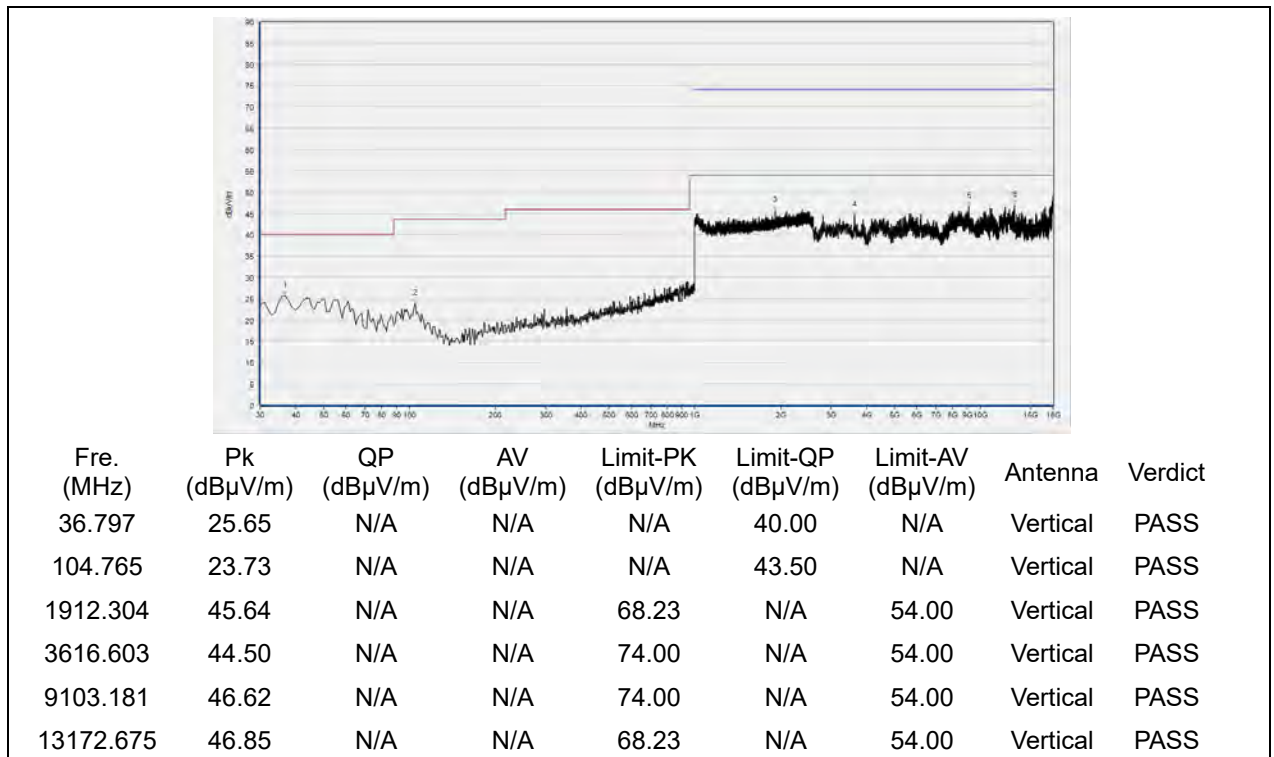
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
99.910	25.45	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1598.066	48.43	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3739.828	46.42	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5726.825	46.48	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
8443.929	47.78	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
13074.095	48.27	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)

Plot for Channel = 151

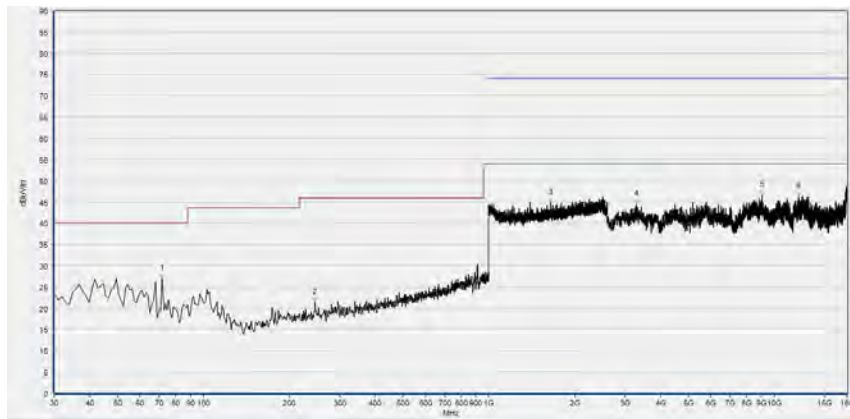


(Antenna Horizontal, 30MHz to 25GHz)



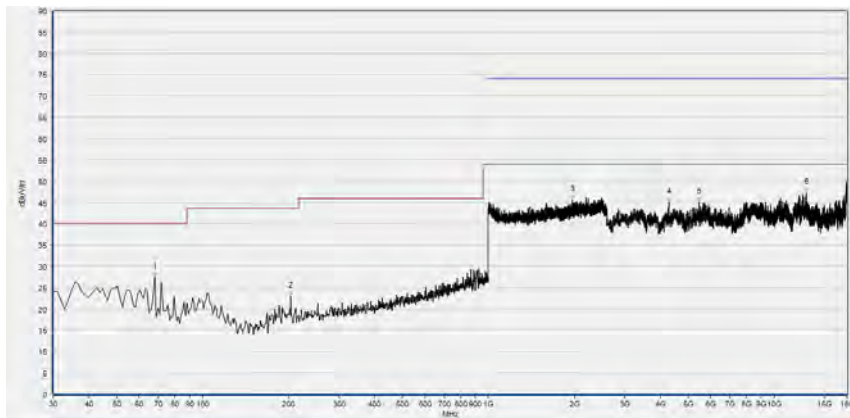
(Antenna Vertical, 30MHz to 25GHz)

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
71.752	27.01	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
246.527	21.26	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1646.082	44.71	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
3280.816	44.39	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
9056.971	46.52	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12156.071	46.33	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 25GHz)



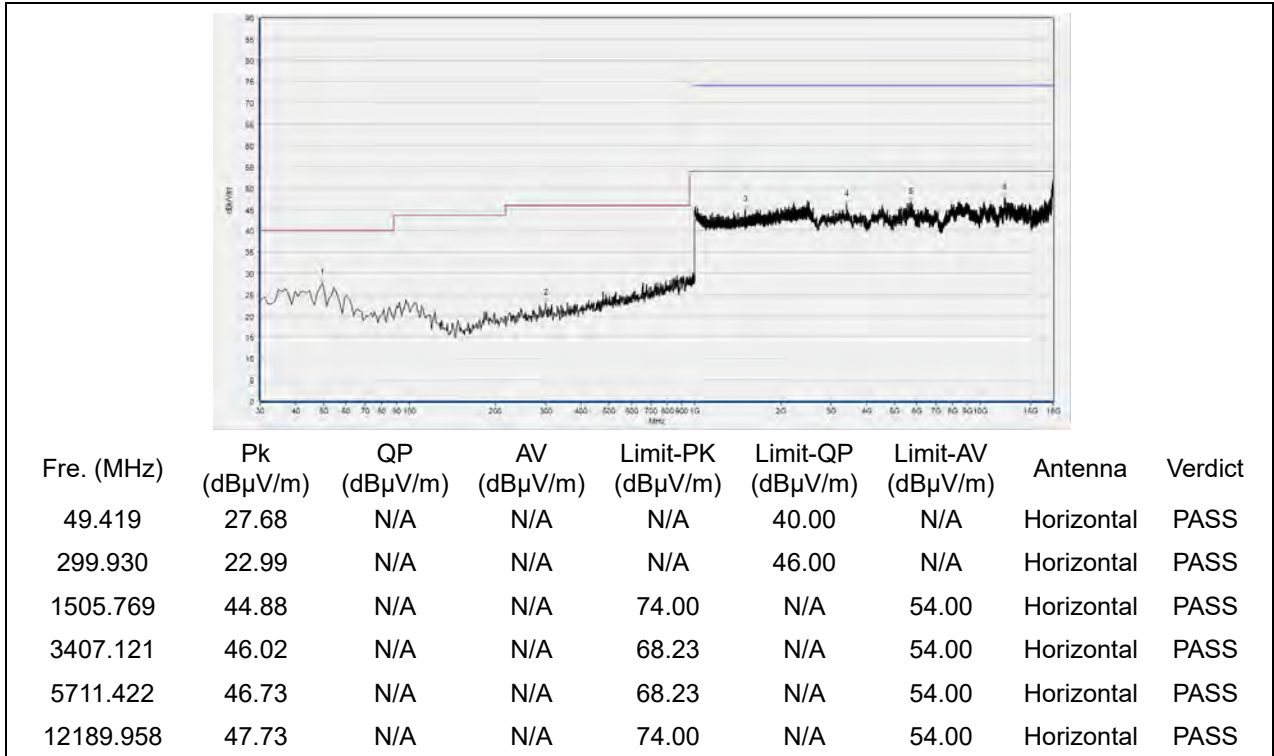
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
67.868	27.50	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
203.804	22.99	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1966.722	45.56	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
4275.855	45.16	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
5452.651	45.02	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12923.145	47.20	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)

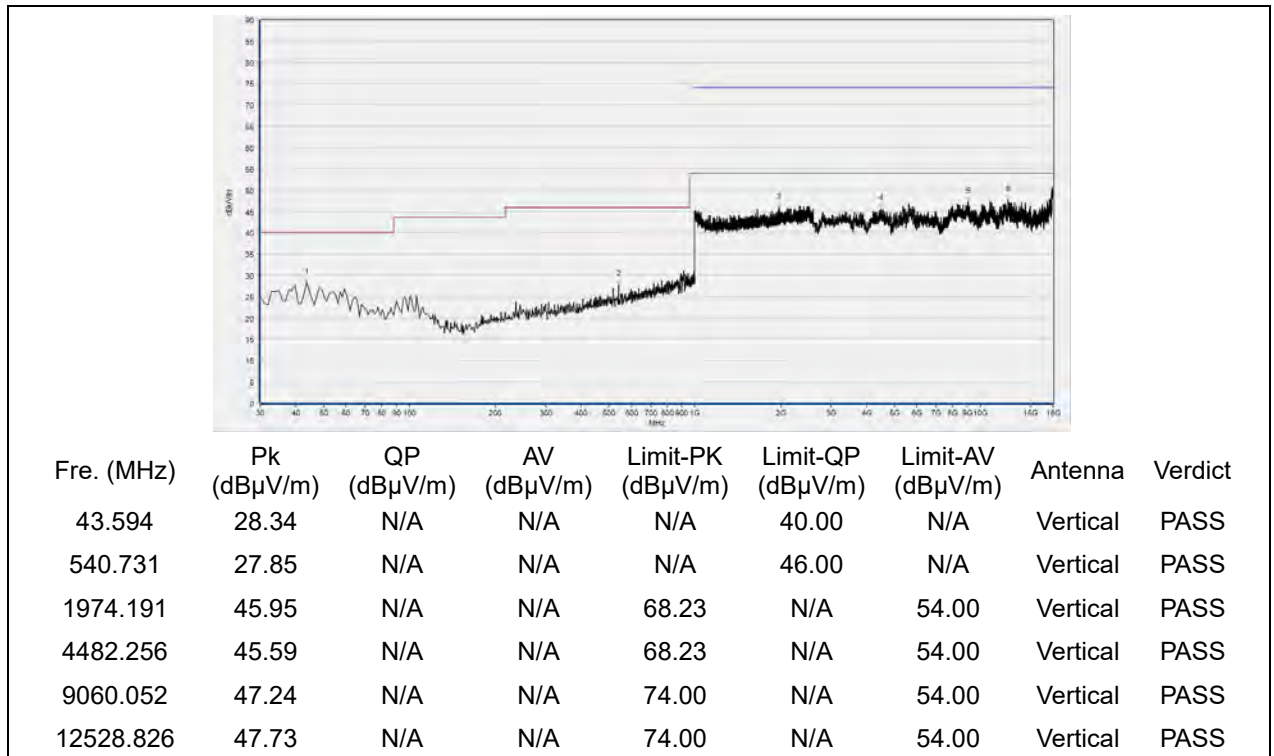


**802.11ac (VHT80) Test mode**

Plots for Channel = 42

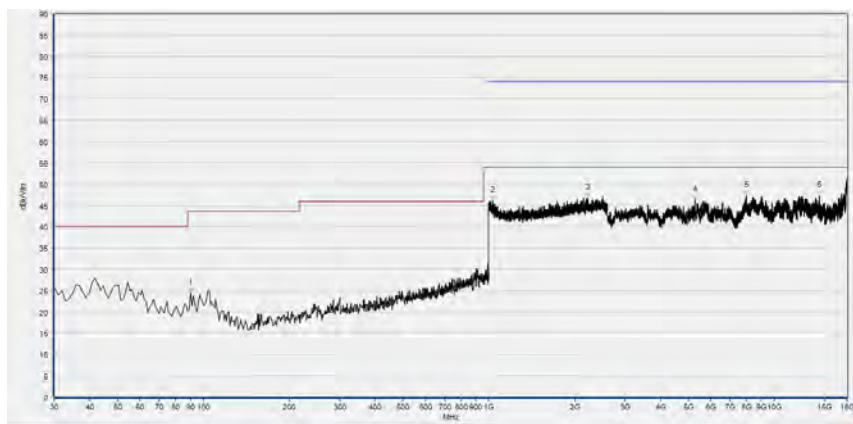


(Antenna Horizontal, 30MHz to 25GHz)



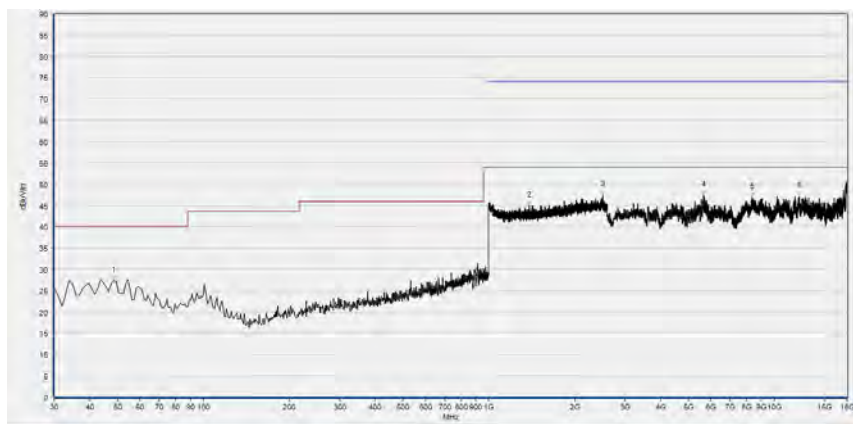
(Antenna Vertical, 30MHz to 25GHz)

Plot for Channel = 58



Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
90.200	24.47	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1029.877	46.11	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
2224.408	46.75	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5280.136	46.31	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
8003.401	47.26	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
14346.389	47.18	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 25GHz)

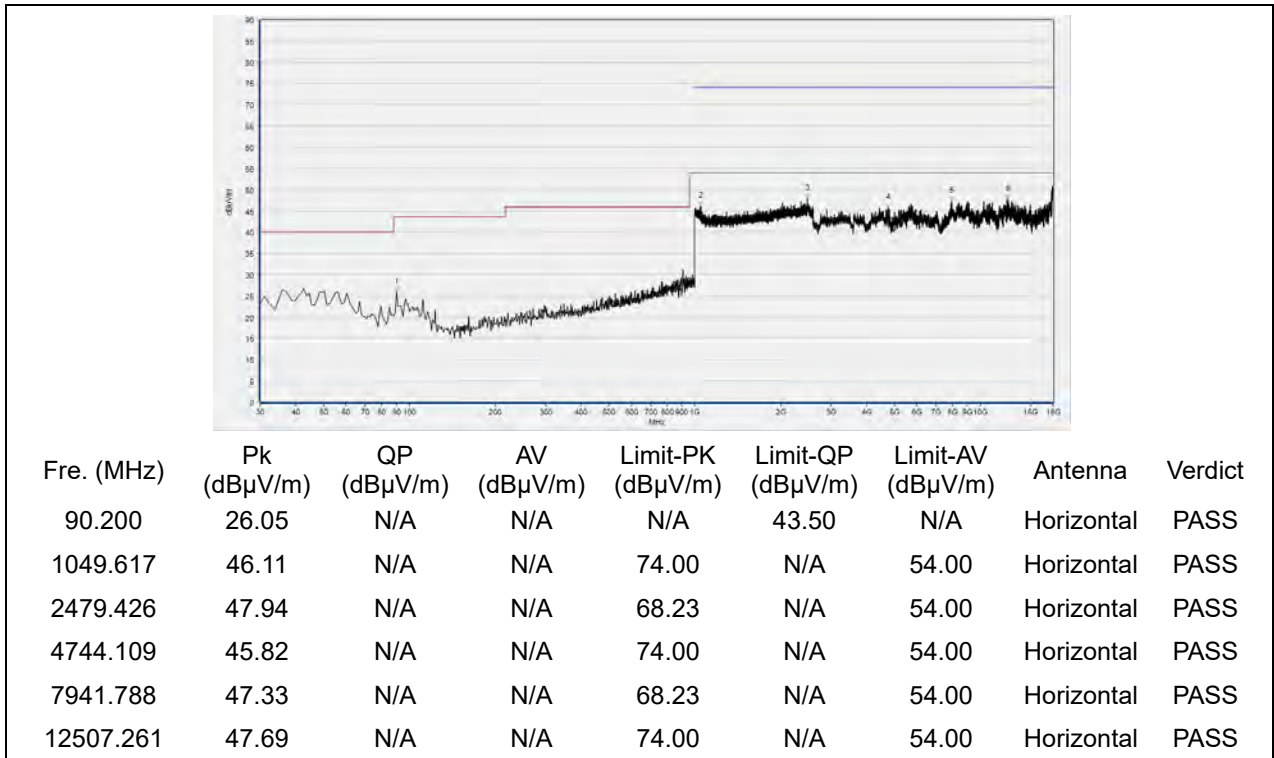


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
48.448	27.34	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
1388.930	44.93	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
2502.367	47.35	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5643.649	47.45	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8373.075	46.96	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12226.925	47.05	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

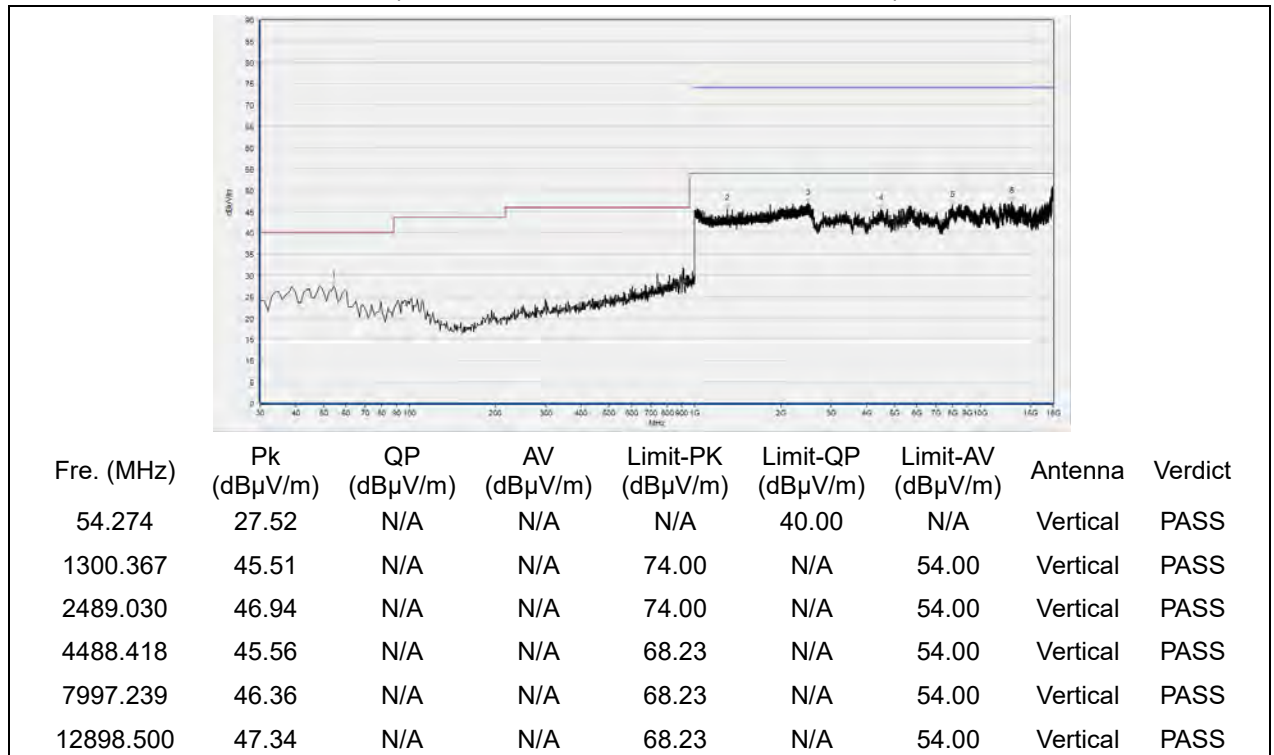
(Antenna Vertical, 30MHz to 25GHz)



Plots for Channel = 106

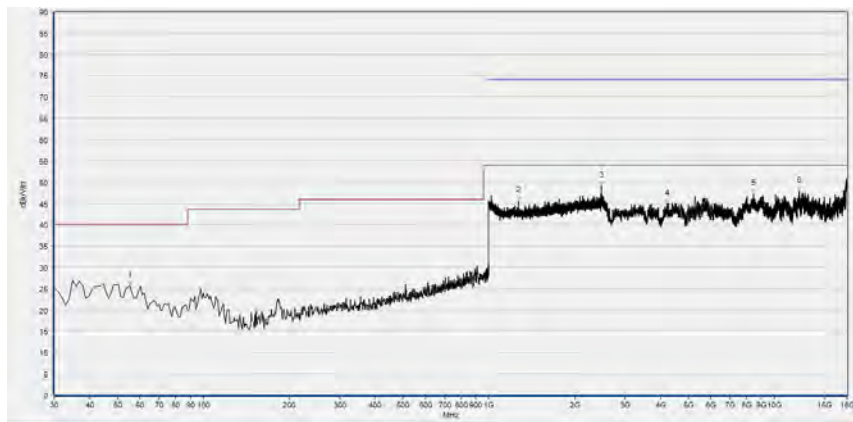


(Antenna Horizontal, 30MHz to 25GHz)



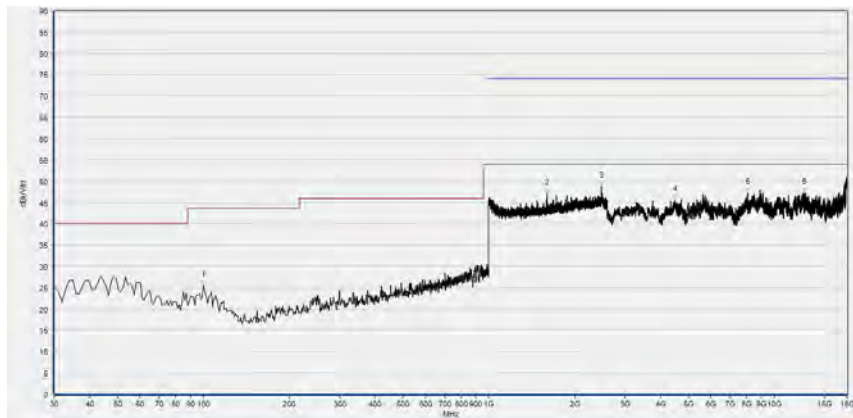
(Antenna Vertical, 30MHz to 25GHz)

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
55.245	25.58	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
1268.356	45.57	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
2479.426	49.11	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
4217.323	44.89	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8456.251	47.30	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12239.248	47.95	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

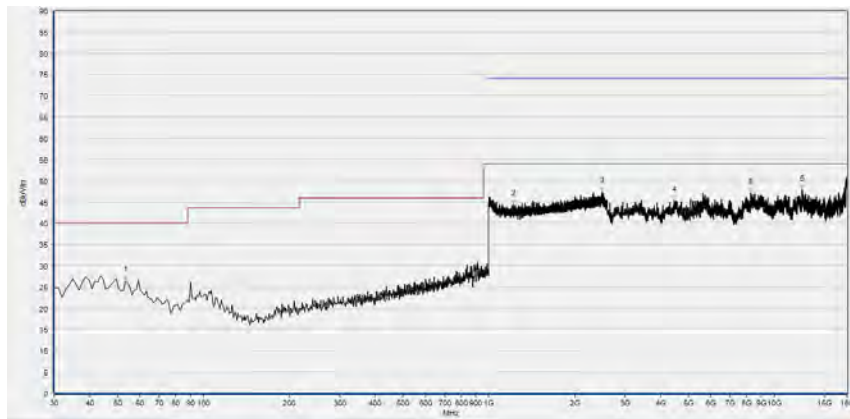
(Antenna Horizontal, 30MHz to 25GHz)



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	25.42	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1599.667	47.07	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
2479.960	48.74	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
4488.418	45.57	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
8071.174	47.22	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12772.194	47.18	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

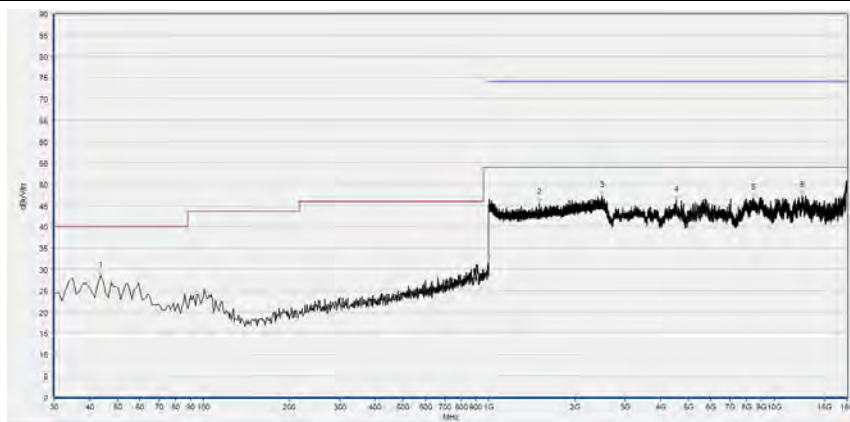
(Antenna Vertical, 30MHz to 25GHz)

Plots 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
53.303	26.52	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
1217.139	44.44	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
2488.496	47.49	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4457.612	45.39	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
8283.737	47.08	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12510.342	47.85	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

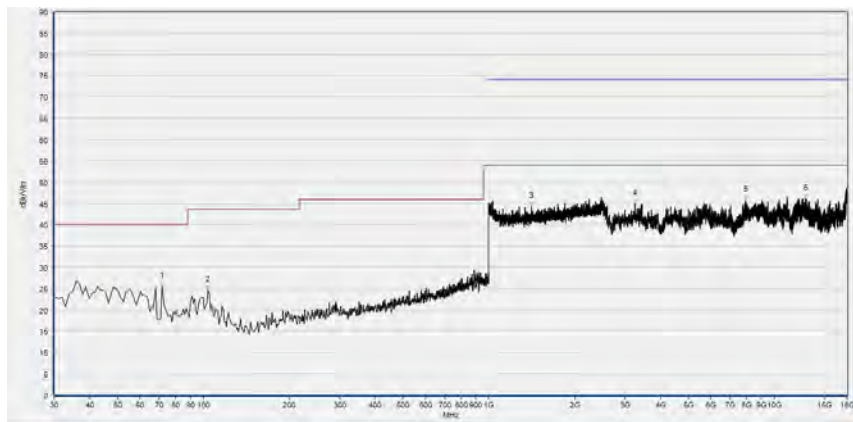
(Antenna Horizontal, 30MHz to 25GHz)



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	28.53	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
1505.769	45.55	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
2493.298	47.35	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4537.708	46.32	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8462.412	46.78	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12547.309	47.19	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

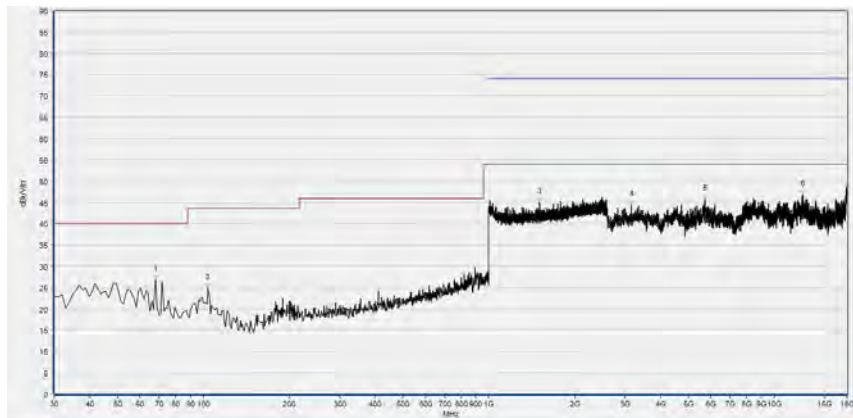
(Antenna Vertical, 30MHz to 25GHz)

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
71.752	25.46	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
103.794	24.62	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1408.136	44.20	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
3246.929	44.92	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
7938.708	45.70	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS
12901.580	46.01	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 25GHz)



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
67.868	26.77	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
103.794	24.87	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1505.769	45.09	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3154.511	44.38	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
5726.825	45.76	N/A	N/A	68.23	N/A	54.00	Vertical	PASS
12605.841	46.86	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)



## Annex A Test Uncertainty

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

Test items	Uncertainty
Peak Output Power	±2.22dB
Power spectral density (PSD)	±2.22dB
Bandwidth	±5%
Restricted Frequency Bands	±5%
Radiated Emission	±2.95dB
Conducted Emission	±2.44dB

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





## Annex B Testing Laboratory Information

### 1. Identification of the Responsible Testing Laboratory

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

### 2. Identification of the Responsible Testing Location

<b>Name:</b>	Shenzhen Morlab Communications Technology Co., Ltd. Morlab Laboratory
<b>Address:</b>	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, the test firm registration number is 226174.



#### 4. Test Equipments Utilized

##### 4.1 Conducted Test Equipments

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Cal. Due
Attenuator 1	(N/A)	10dB	Resnet	N/A	N/A
EXA Signal Analyzer	MY53470836	N9010A	Agilent	2019.04.09	2020.04.08
USB Wideband Power Sensor	MY54210011	U2021XA	Agilent	2019.04.16	2020.04.15
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	YOMA	(N/A)	(N/A)	2019.01.22	2020.01.21
Computer	T430i	Think Pad	Lenovo	N/A	N/A

##### 4.2 Conducted Emission Test Equipments

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Cal. Due
Receiver	MY56400093	N9038A	KEYSIGHT	2019.05.08	2020.05.09
LISN	812744	NSLK 8127	Schwarzbeck	2019.05.08	2020.05.09
Pulse Limiter (20dB)	9391	VTSD 9561-D	Schwarzbeck	2019.05.08	2020.05.09
Coaxial cable(BNC)	CB01	EMC01	Morlab	N/A	N/A

##### 4.3 List of Software Used

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

**4.4 Radiated Test Equipments**

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Cal. Due
Receiver	MY54130016	N9038A	Agilent	2018.08.04	2019.08.03
Test Antenna - Bi-Log	9163-519	VULB 9163	Schwarzbeck	2019.05.08	2020.05.09
Test Antenna - Horn	9170C-531	BBHA9170	Schwarzbeck	2019.02.15	2020.02.14
Test Antenna - Loop	1519-022	FMZB1519	Schwarzbeck	2018.08.06	2019.08.05
Test Antenna - Horn	01774	BBHA 9120D	Schwarzbeck	2018.08.02	2019.08.01
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	MA02	TS-PR18	Rohde& Schwarz	2019.05.08	2020.05.09
18-26.5GHz pre-Amplifier	MA03	TS-PR18	Rohde& Schwarz	2019.05.08	2020.05.09
26GHz -40GHz pre-Amplifier	MA05	BBV9721	Rohde& Schwarz	2019.05.08	2020.05.09
Notch Filter	N/A	WRCG-5150-5350	Wainwright	2018.12.01	2019.11.30
Notch Filter	N/A	WRCG-5470-5725	Wainwright	2018.12.01	2019.11.30
Notch Filter	N/A	WRCG-5725-5850	Wainwright	2018.12.01	2019.11.30



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<b>Equipment Name</b>	<b>Serial No.</b>	<b>Type</b>	<b>Manufacturer</b>	<b>Cal. Date</b>	<b>Cal. Due</b>
Anechoic Chamber	N/A	9m*6m*6m	CRT	2017.11.19	2020.11.18

————— END OF REPORT —————