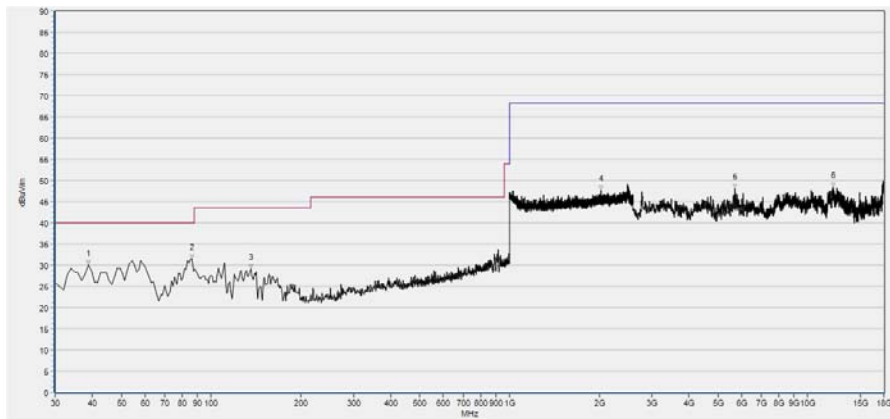


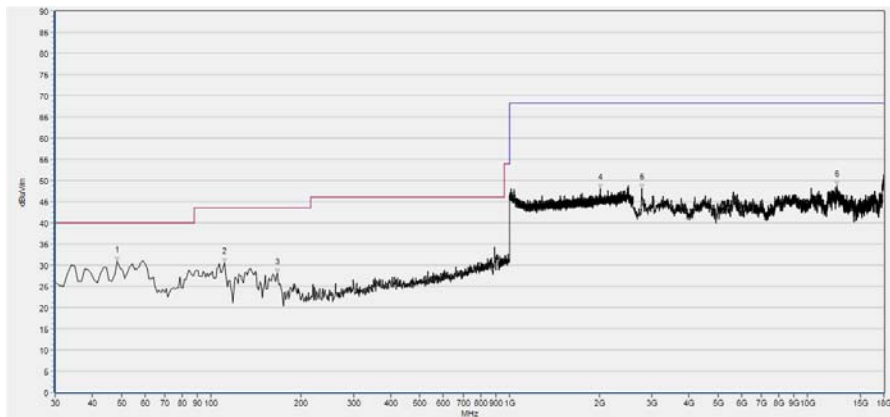
**802.11n (HT40) Test mode**

Plots for Channel = 38



Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
38.739	30.07	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
86.316	31.34	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
135.836	29.07	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2025.942	47.72	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5700.780	48.04	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12144.309	48.48	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

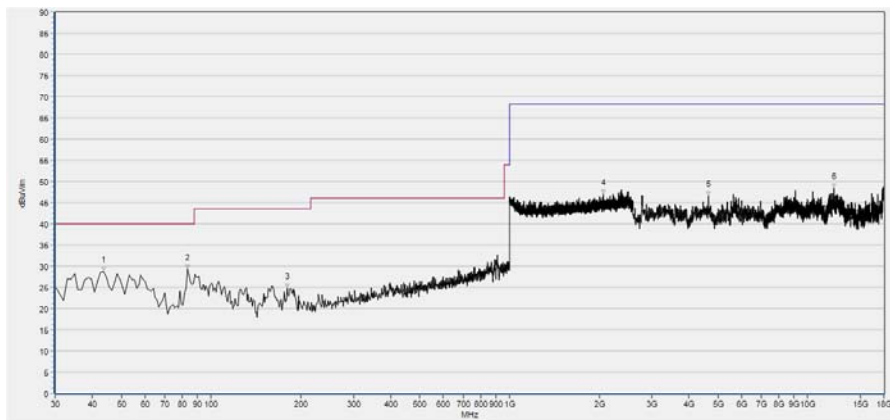


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
48.448	30.84	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
110.591	30.46	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
166.907	28.09	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2020.073	48.11	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
2774.755	47.98	N/A	N/A	74.00	N/A	N/A	Vertical	PASS
12529.666	48.68	N/A	N/A	74.00	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

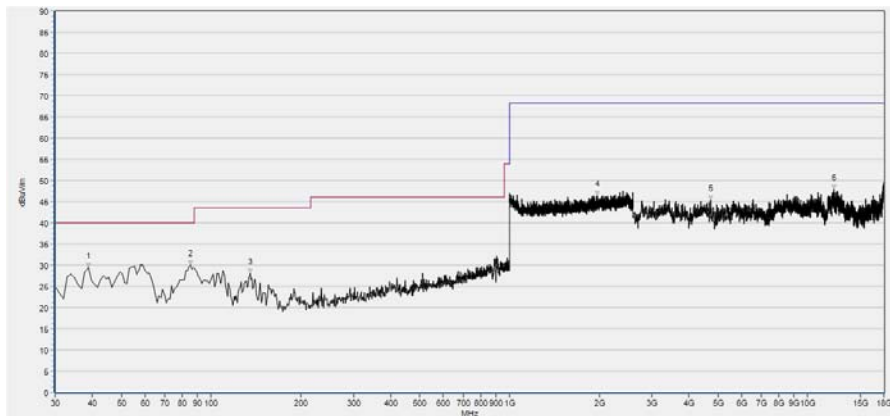


## Plot for Channel = 46



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	28.74	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
83.403	29.26	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
179.530	24.86	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2067.022	47.00	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4647.770	46.64	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS
12238.408	48.42	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

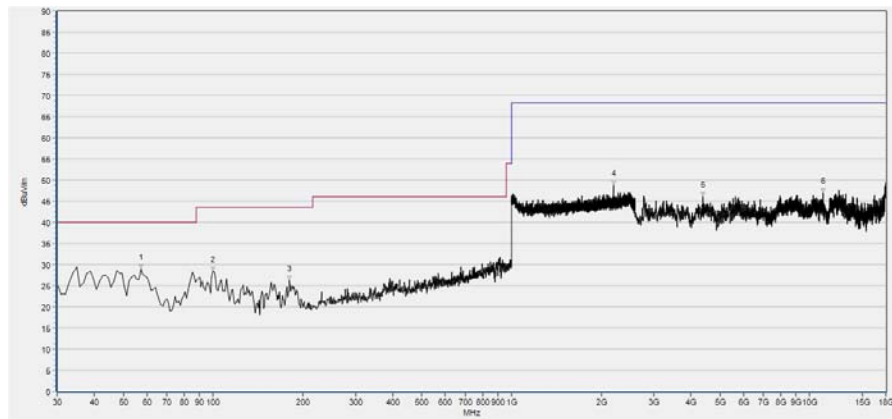


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
38.739	29.50	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
85.345	30.08	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
134.865	28.00	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1972.591	46.45	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4723.945	45.41	N/A	N/A	74.00	N/A	N/A	Vertical	PASS
12220.484	47.85	N/A	N/A	74.00	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

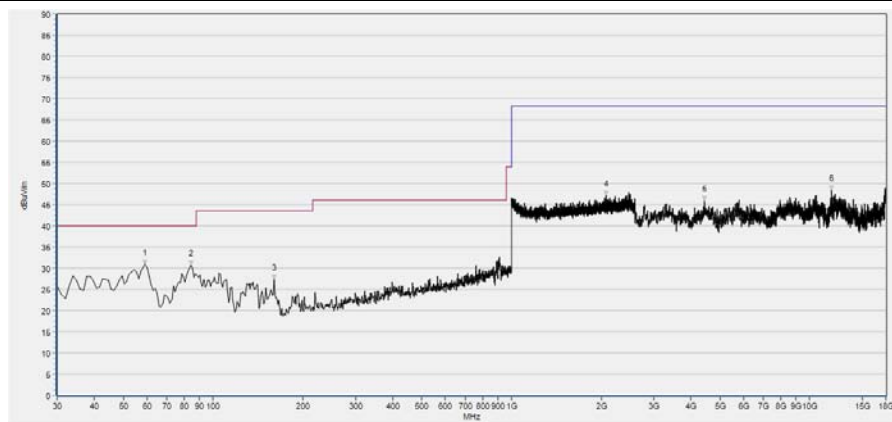


## Plots for Channel = 54



Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
57.187	28.93	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
99.910	28.43	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
180.501	26.24	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2195.599	48.80	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4387.878	46.08	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS
11082.336	46.88	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

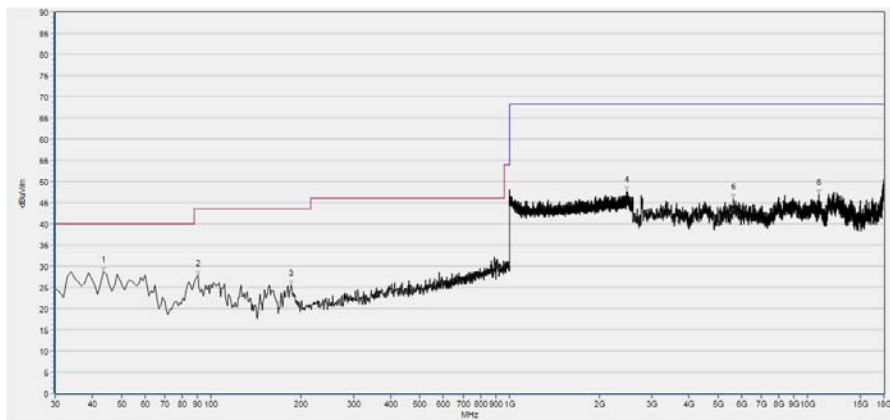


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
59.129	30.97	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
84.374	30.69	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
160.110	27.29	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2071.824	47.12	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4446.129	45.84	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11857.532	48.34	N/A	N/A	74.00	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

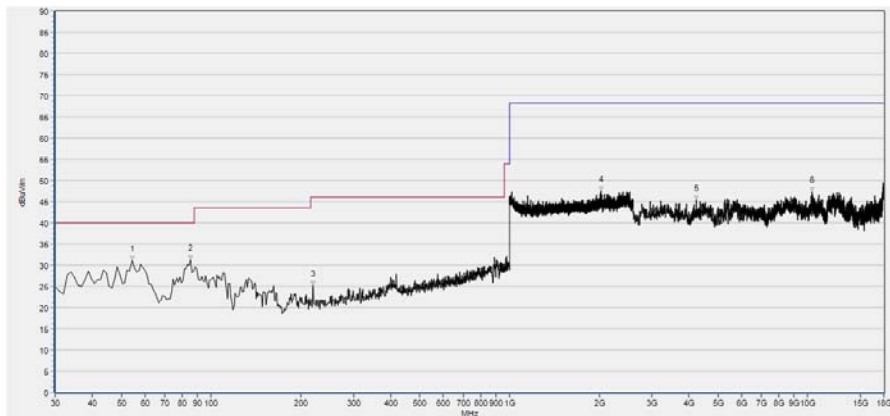


## Plot for Channel = 62



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
43.594	28.73	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
90.200	27.93	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
185.355	25.49	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2475.158	47.70	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5629.086	45.81	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10903.101	46.89	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

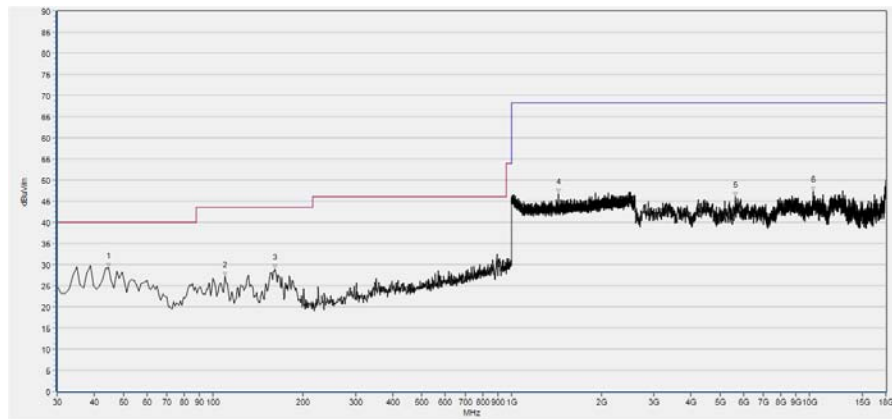


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
54.274	31.09	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
85.345	31.26	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
219.339	25.27	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2027.543	47.41	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4235.527	45.34	N/A	N/A	74.00	N/A	N/A	Vertical	PASS
10347.469	47.30	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

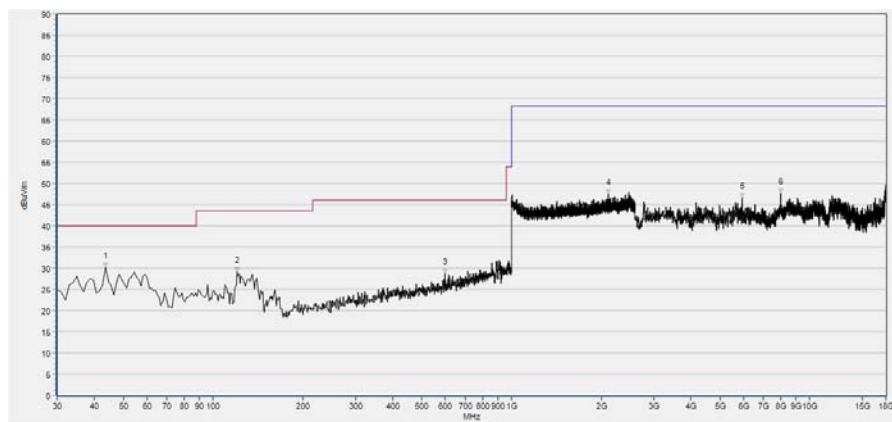


## Plots for Channel = 102



Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
44.565	29.32	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
109.620	27.18	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
161.081	28.86	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1440.147	46.71	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5633.567	46.05	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10280.256	47.35	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

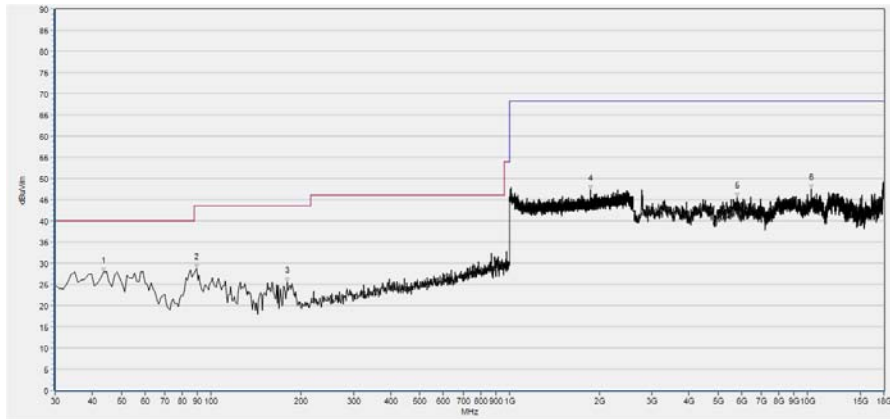


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
43.594	30.25	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
120.300	29.12	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
598.018	28.77	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2116.639	47.53	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5929.306	46.53	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8012.923	47.65	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

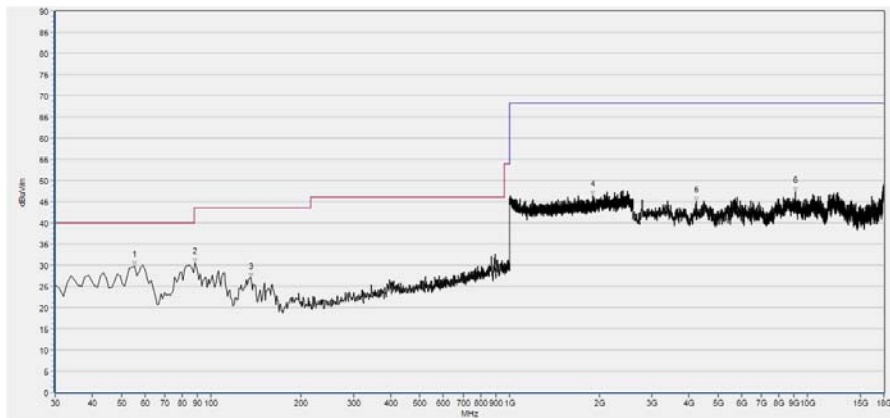


## Plot for Channel = 126



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
43.594	27.82	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
89.229	28.79	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
180.501	25.59	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1874.425	47.31	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5812.803	45.60	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10271.294	47.43	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

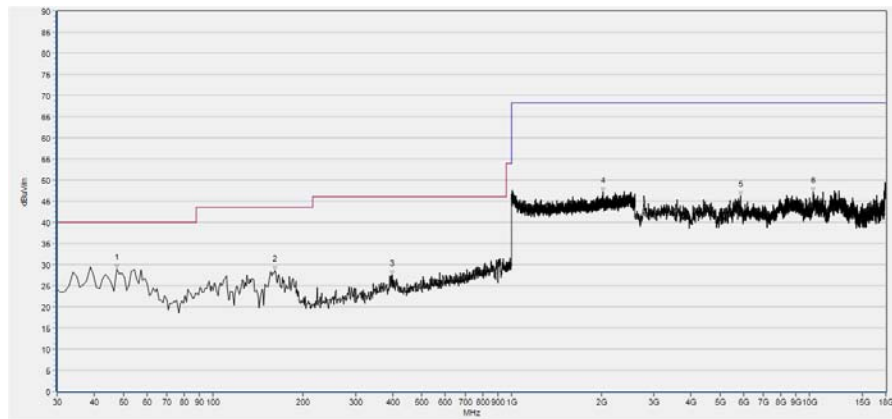
(Antenna Horizontal, 30MHz to 18GHz)



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
55.245	29.78	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
88.258	30.51	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
135.836	26.93	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1906.969	46.42	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4226.565	44.94	N/A	N/A	74.00	N/A	N/A	Vertical	PASS
9110.742	47.30	N/A	N/A	74.00	N/A	N/A	Vertical	PASS

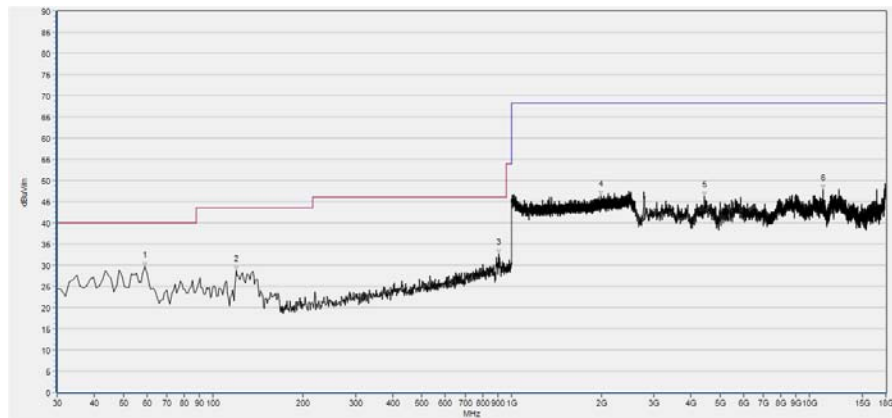
(Antenna Vertical, 30MHz to 18GHz)

### 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
47.477	28.99	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
161.081	28.49	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
397.027	27.44	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2025.408	47.21	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5875.535	46.28	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10257.852	47.07	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

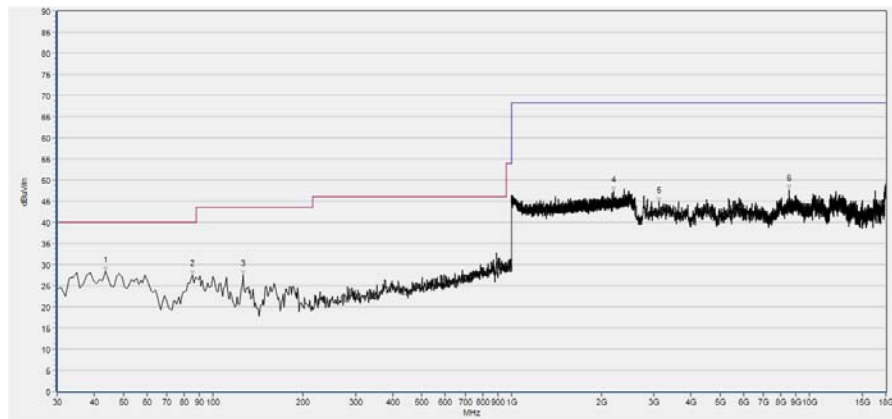


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
59.129	29.63	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
119.329	28.78	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
908.729	32.62	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1990.197	46.46	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4441.648	46.22	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11059.932	47.81	N/A	N/A	74.00	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

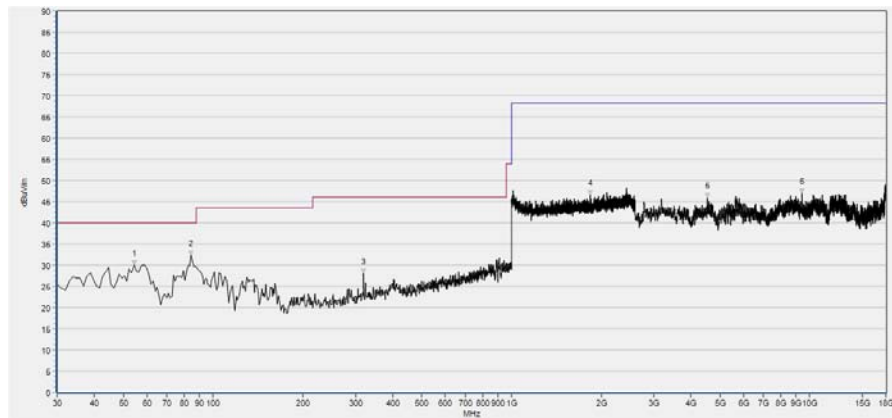


### Plot for Channel = 151



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
43.594	28.39	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
85.345	27.54	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
126.126	27.51	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2204.668	47.34	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS
3128.746	44.87	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8519.264	47.75	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

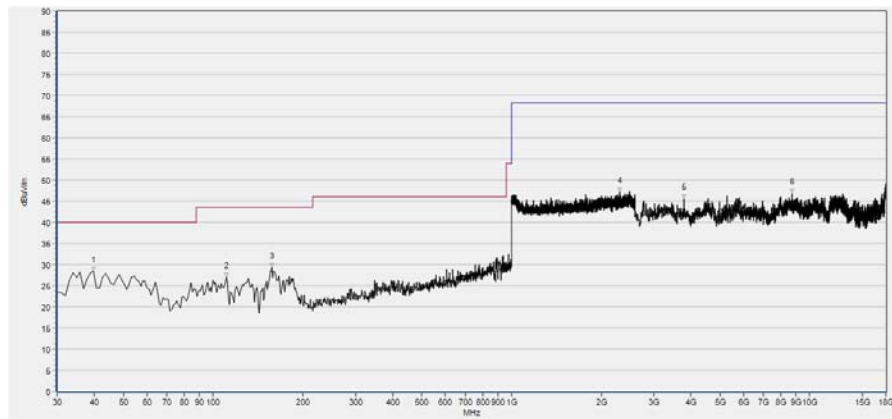


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
54.274	30.00	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
84.374	32.40	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
319.349	27.97	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1838.680	46.54	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4531.266	45.81	N/A	N/A	74.00	N/A	N/A	Vertical	PASS
9442.328	46.97	N/A	N/A	74.00	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

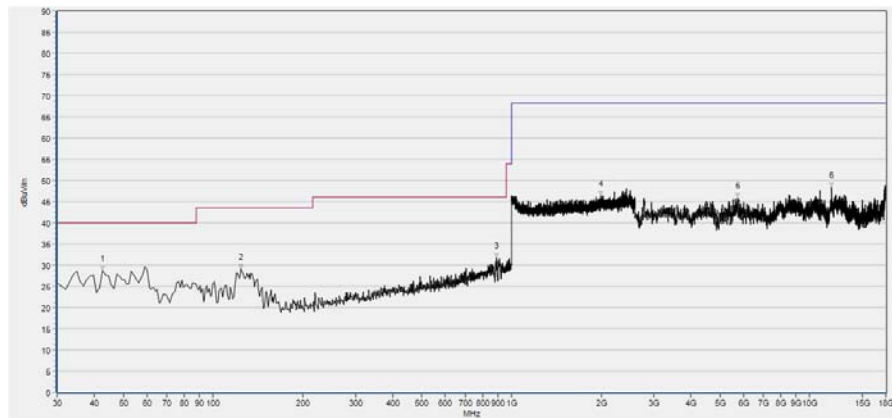


### Plots for Channel = 159



Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
39.710	28.32	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
110.591	27.05	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
157.197	29.30	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2309.770	47.18	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
3782.957	45.56	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS
8738.828	46.78	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

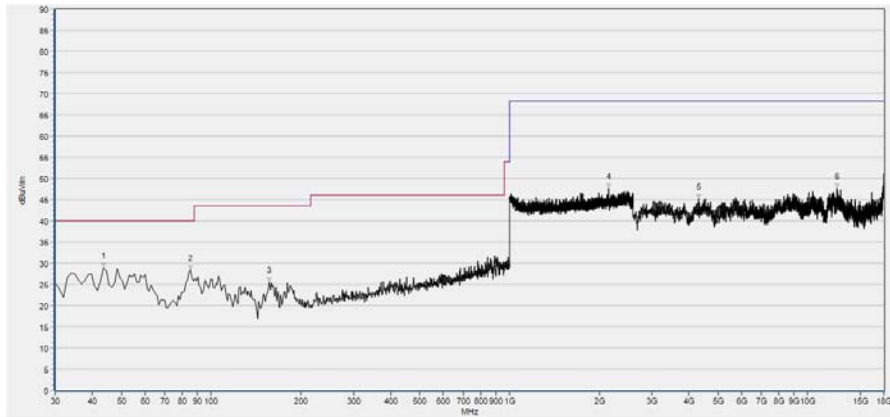


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
42.623	28.79	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
124.184	29.13	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
893.193	31.80	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1993.931	46.47	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5718.704	45.89	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11857.532	48.45	N/A	N/A	74.00	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

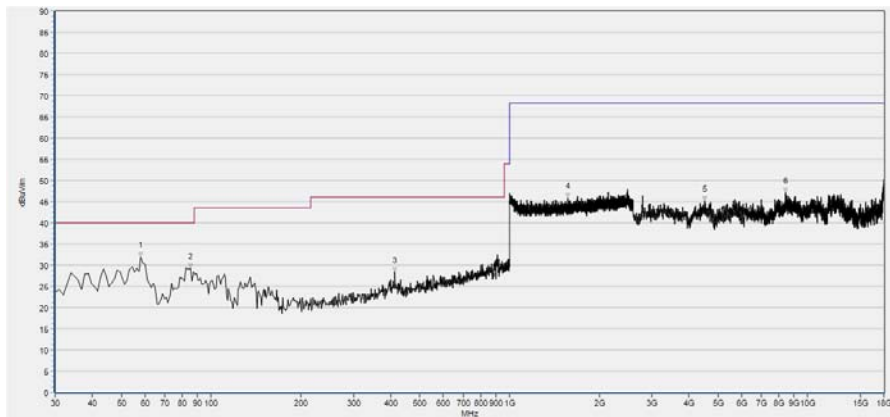
**802.11ac (VHT20) Test mode**

Plots for Channel = 36



Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
43.594	28.91	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
85.345	28.34	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
156.226	25.58	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2148.116	47.64	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4302.741	45.26	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS
12534.147	47.61	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS

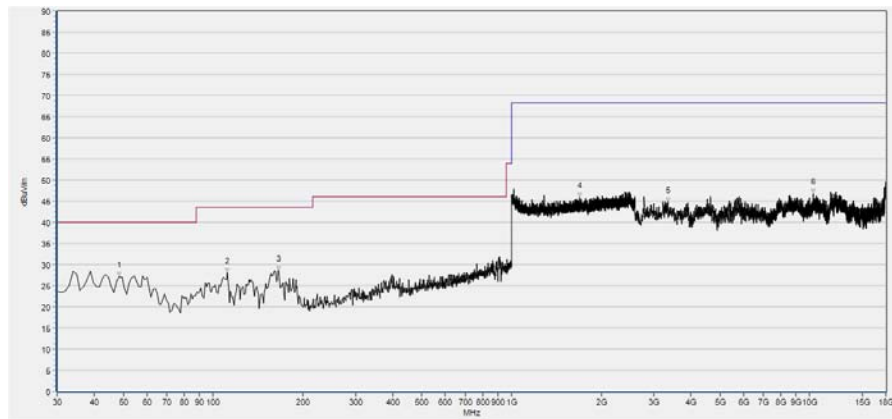
(Antenna Horizontal, 30MHz to 18GHz)



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
58.158	31.94	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
85.345	29.31	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
413.534	28.42	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1570.323	45.89	N/A	N/A	74.00	N/A	N/A	Vertical	PASS
4526.785	45.24	N/A	N/A	74.00	N/A	N/A	Vertical	PASS
8420.684	47.08	N/A	N/A	74.00	N/A	N/A	Vertical	PASS

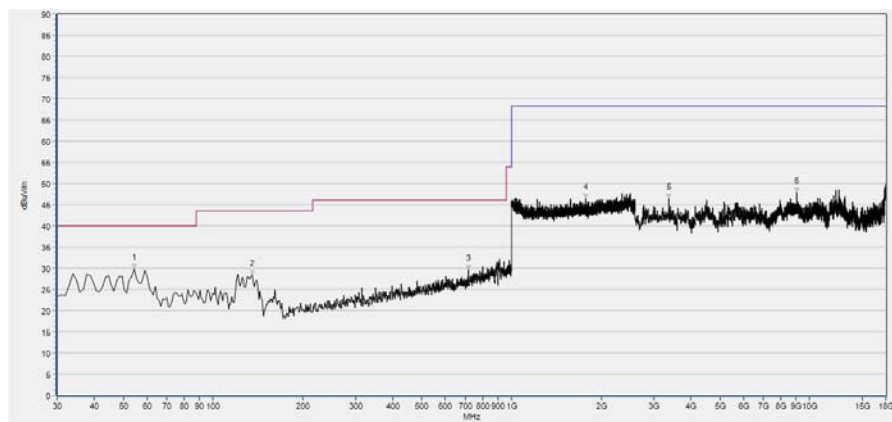
(Antenna Vertical, 30MHz to 18GHz)

### Plots for Channel = 44



Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
48.448	27.21	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
111.562	28.01	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
165.936	28.62	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1693.031	45.97	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS
3343.829	44.89	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10280.256	46.71	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

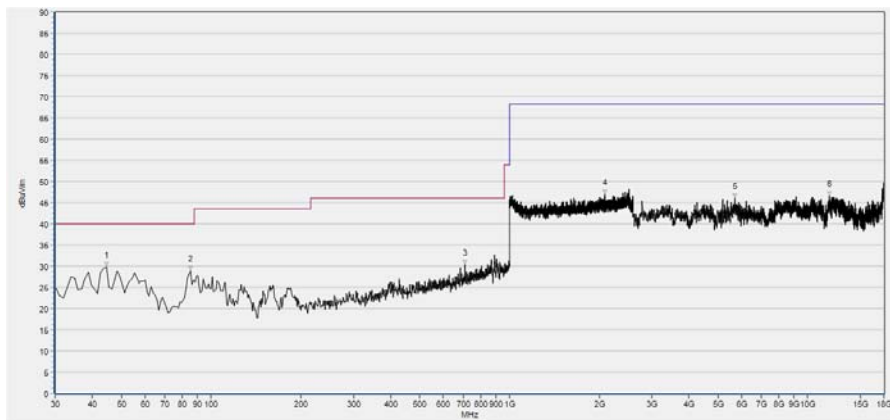


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
54.274	29.75	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
134.865	28.32	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
716.476	29.57	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1771.991	46.40	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
3375.195	46.37	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9065.933	47.88	N/A	N/A	74.00	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

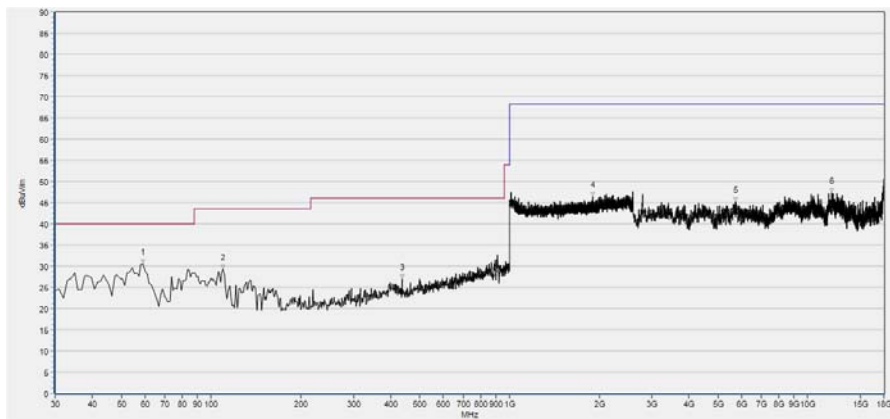


## Plot for Channel = 48



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
44.565	29.83	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
85.345	28.90	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
710.651	30.39	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2085.162	46.97	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5709.742	46.09	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11848.570	46.54	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS

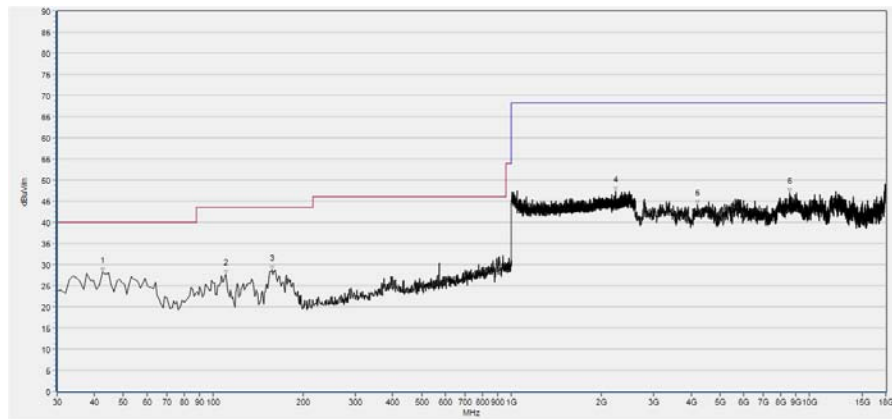
(Antenna Horizontal, 30MHz to 18GHz)



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
59.129	30.60	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
109.620	29.36	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
435.866	27.00	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1897.899	46.37	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5718.704	45.18	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12059.172	47.30	N/A	N/A	74.00	N/A	N/A	Vertical	PASS

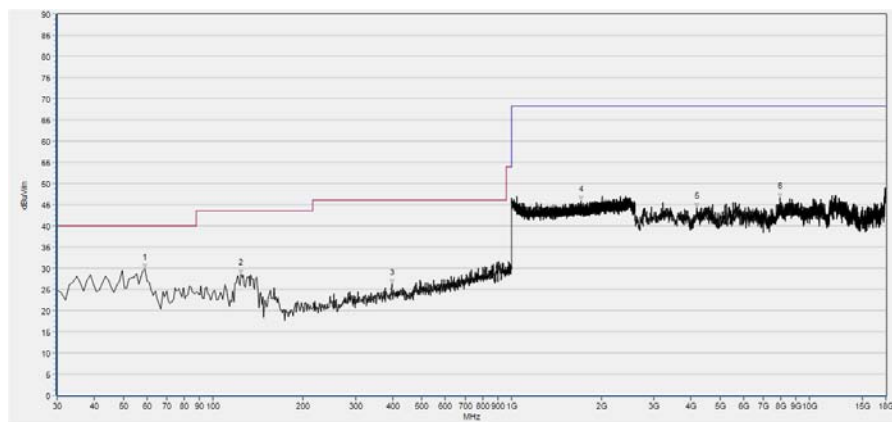
(Antenna Vertical, 30MHz to 18GHz)

### Plots for Channel = 52



Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
42.623	28.26	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
110.591	27.64	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
157.197	28.79	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2237.212	47.35	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4204.161	44.10	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS
8573.035	46.89	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

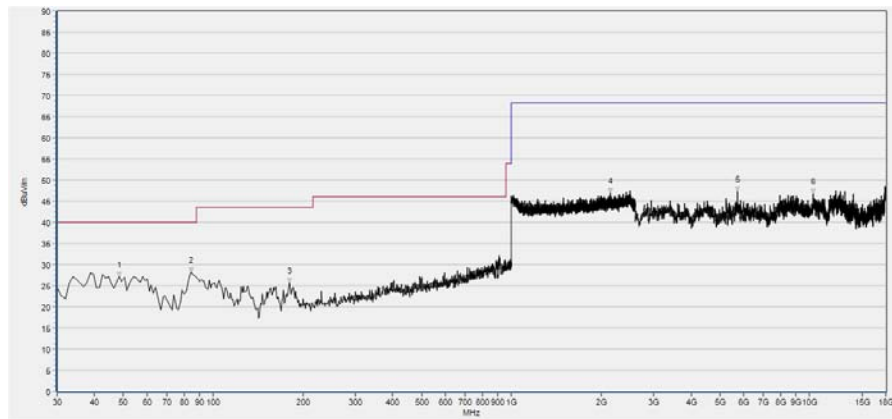


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
59.129	29.81	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
124.184	28.54	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
397.027	26.17	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1707.969	45.91	N/A	N/A	74.00	N/A	N/A	Vertical	PASS
4172.795	44.26	N/A	N/A	74.00	N/A	N/A	Vertical	PASS
7950.190	46.68	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

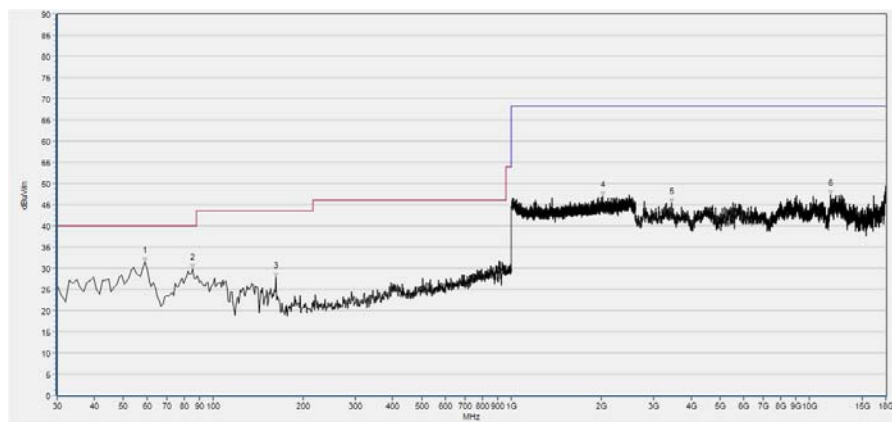


## Plots for Channel = 60



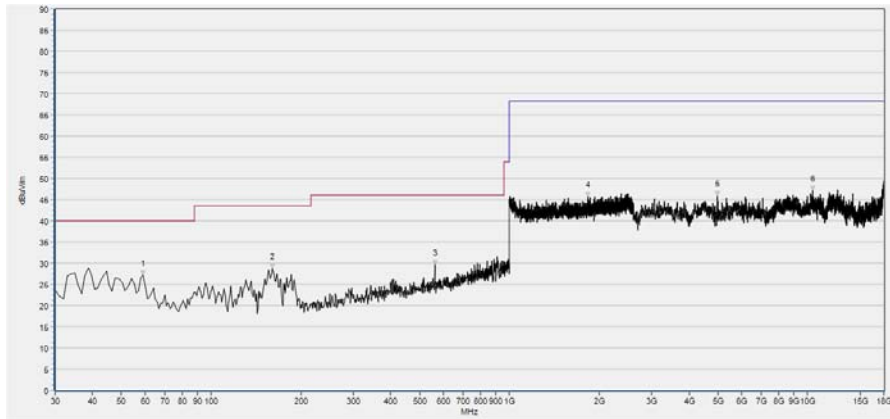
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
48.448	27.23	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
84.374	28.13	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
180.501	25.74	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2149.717	46.93	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5718.704	47.38	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10266.813	46.73	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



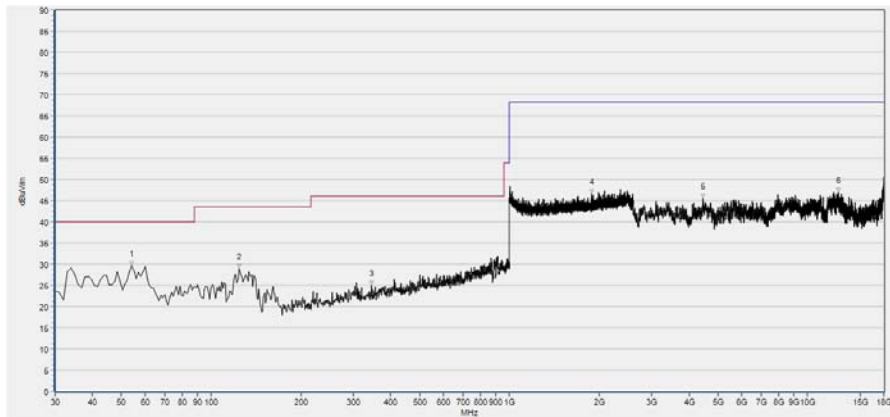
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
59.129	31.38	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
85.345	29.75	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
162.052	27.77	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2020.073	46.93	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
3446.889	45.42	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11772.394	47.40	N/A	N/A	74.00	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
59.129	27.17	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
160.110	28.71	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
562.092	29.66	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1832.811	45.77	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4988.318	45.82	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS
10392.278	47.13	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

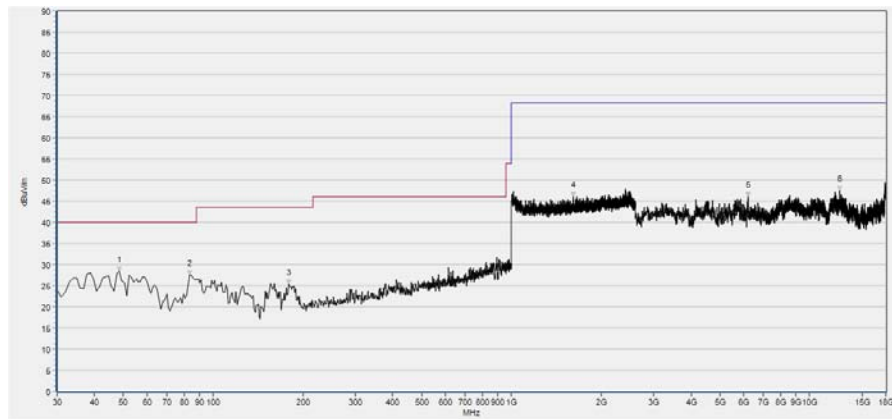


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
54.274	29.64	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
124.184	28.85	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
344.595	24.92	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1889.363	46.52	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4455.091	45.50	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12641.688	46.91	N/A	N/A	74.00	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

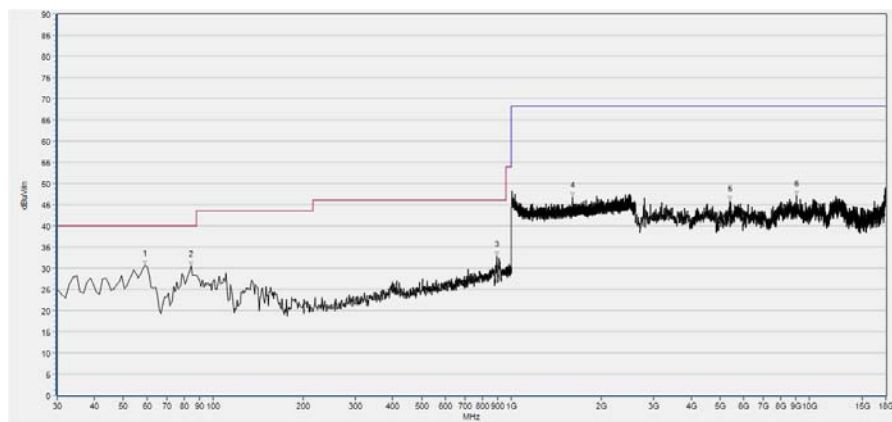


### Plots for Channel = 100



Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
48.448	28.47	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
83.403	27.52	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
179.530	25.29	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1612.471	45.99	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS
6216.083	46.15	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12610.322	47.45	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

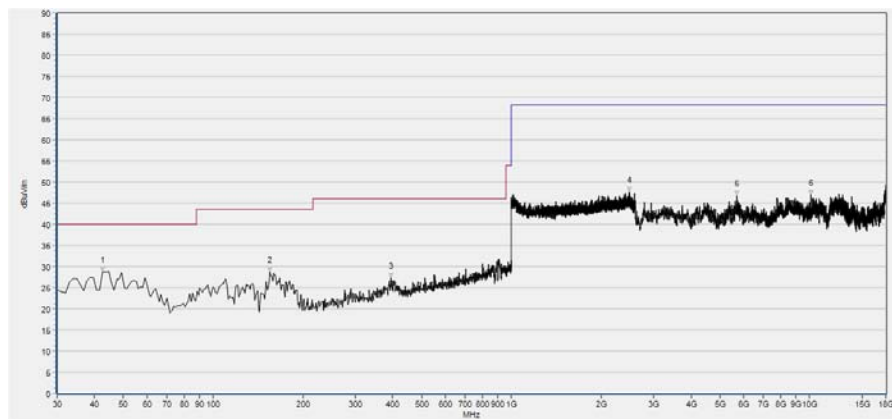


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
59.129	30.68	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
84.374	30.48	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
892.222	32.78	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1606.069	46.72	N/A	N/A	74.00	N/A	N/A	Vertical	PASS
5387.117	45.97	N/A	N/A	74.00	N/A	N/A	Vertical	PASS
9016.643	47.22	N/A	N/A	74.00	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

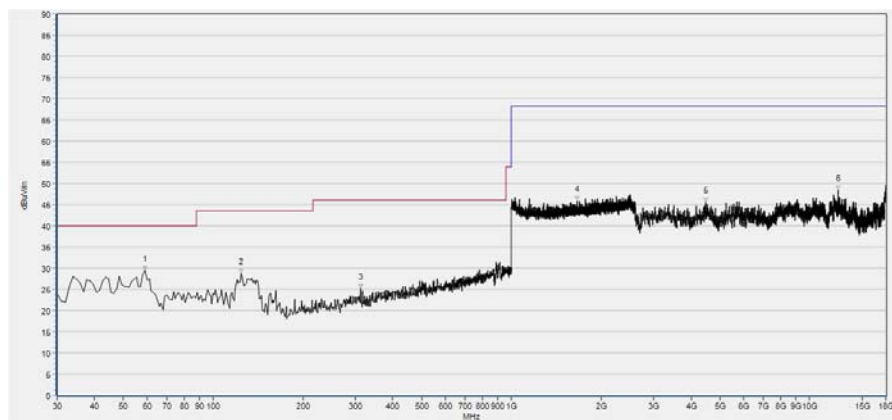


## Plots for Channel = 120



Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
42.623	28.79	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
155.255	28.67	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
395.085	27.33	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2481.561	47.66	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5709.742	46.80	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10118.944	47.01	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

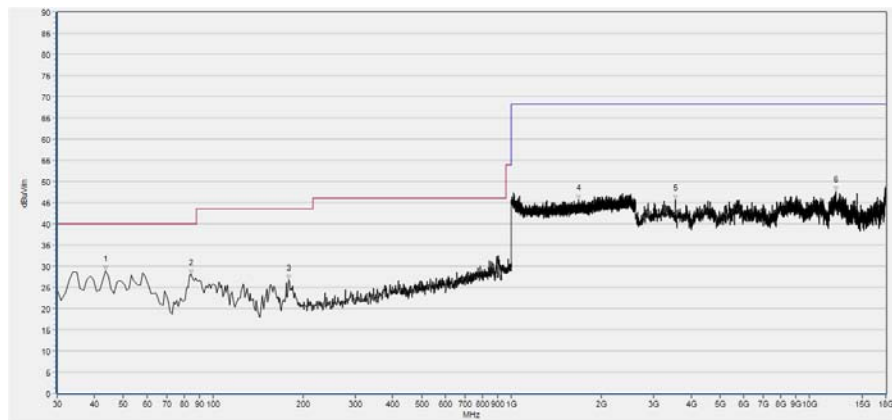


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
59.129	29.47	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
124.184	28.77	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
311.582	25.23	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1661.554	45.97	N/A	N/A	74.00	N/A	N/A	Vertical	PASS
4477.495	45.59	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12489.338	48.45	N/A	N/A	74.00	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

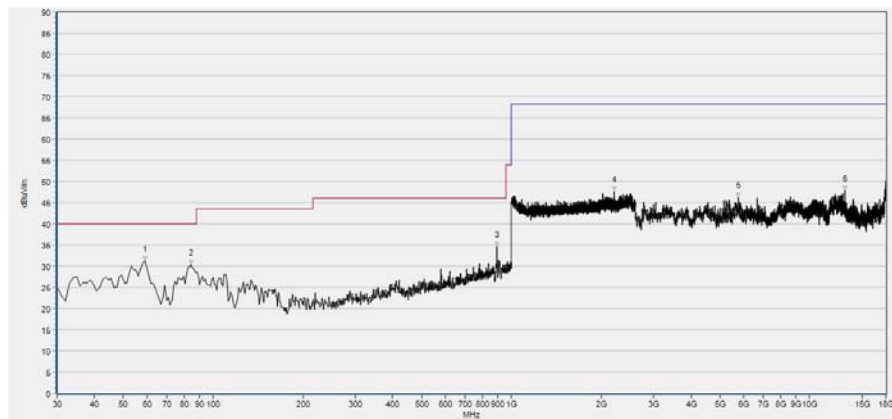


## Plot for Channel = 142



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
43.594	28.96	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
84.374	28.02	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
179.530	26.71	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1680.760	45.68	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS
3540.988	45.80	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12242.889	47.66	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS

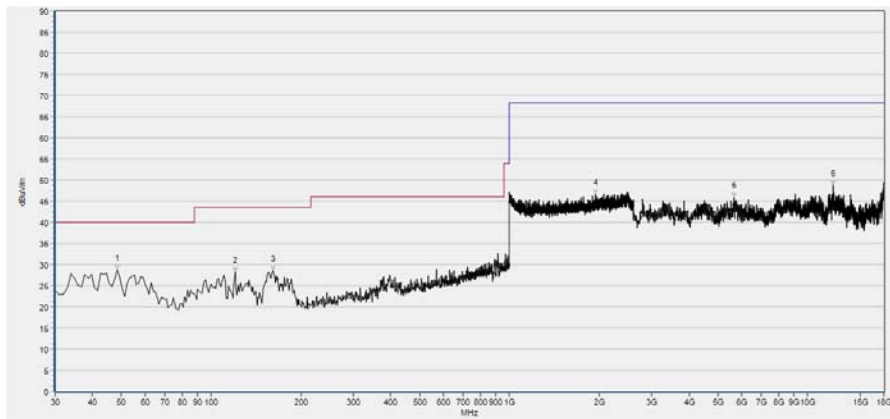
(Antenna Horizontal, 30MHz to 18GHz)



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
59.129	31.22	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
84.374	30.42	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
895.135	34.72	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2210.537	47.62	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5776.955	46.22	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
13156.991	47.91	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

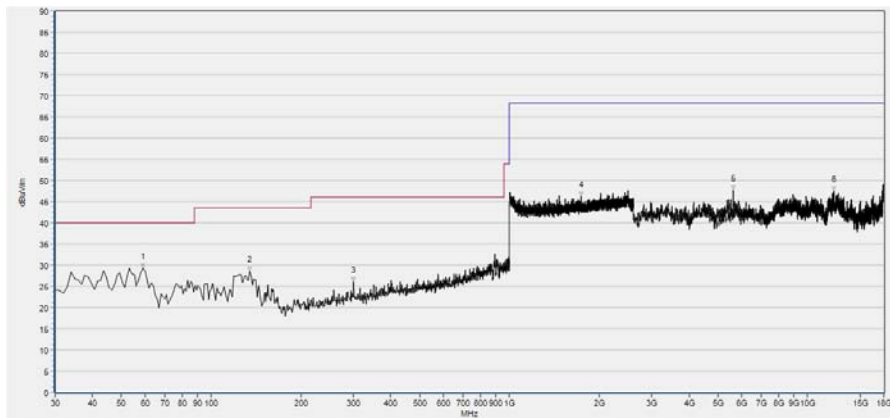
(Antenna Vertical, 30MHz to 18GHz)

### Plots for Channel = 149



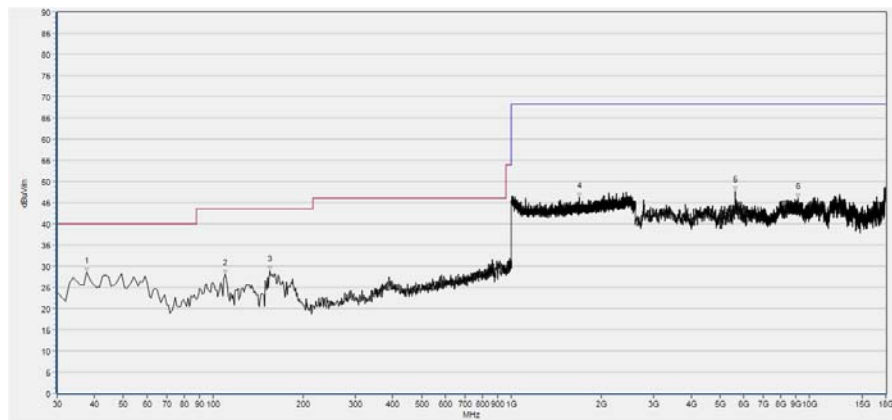
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
48.448	28.70	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
120.300	28.24	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
161.081	28.48	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1948.049	46.63	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5651.490	45.89	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12157.752	48.69	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



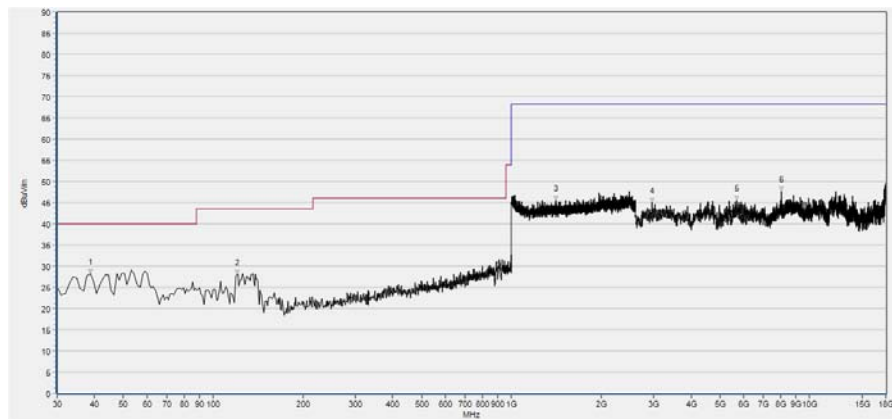
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
59.129	29.29	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
134.865	28.55	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
299.930	26.05	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1740.514	46.20	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5633.567	47.70	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12229.446	47.54	N/A	N/A	74.00	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel = 157

Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
37.768	28.59	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
109.620	28.00	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
155.255	28.92	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1689.830	46.34	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS
5633.567	47.63	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
9128.666	46.14	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS

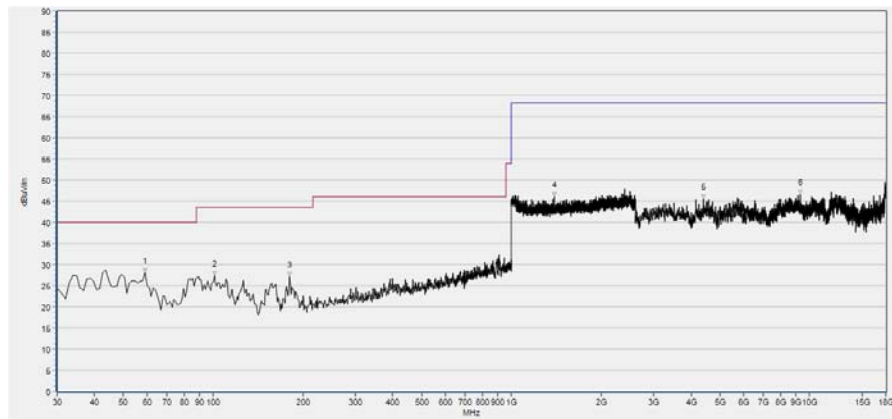
(Antenna Horizontal, 30MHz to 18GHz)



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
38.739	28.20	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
120.300	28.05	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1405.468	45.51	N/A	N/A	74.00	N/A	N/A	Vertical	PASS
2958.472	44.96	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5709.742	45.55	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8026.365	47.60	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

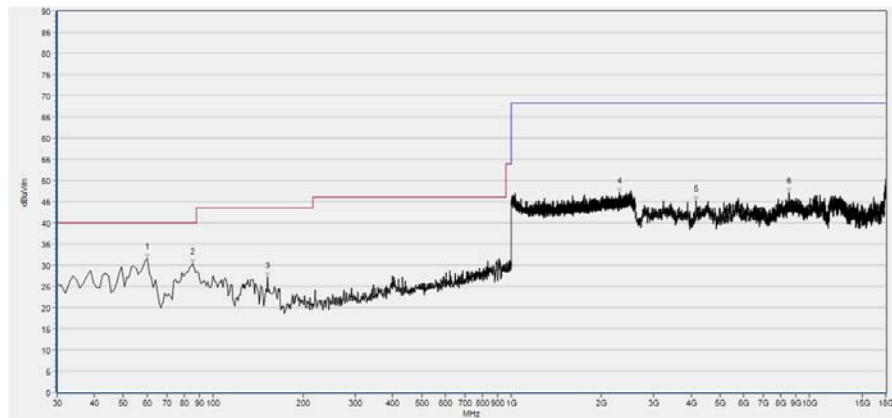
(Antenna Vertical, 30MHz to 18GHz)

### Plot for Channel = 165



Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
59.129	27.95	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
100.881	27.32	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
180.501	27.22	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1395.332	46.16	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS
4392.358	45.57	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS
9321.344	46.54	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

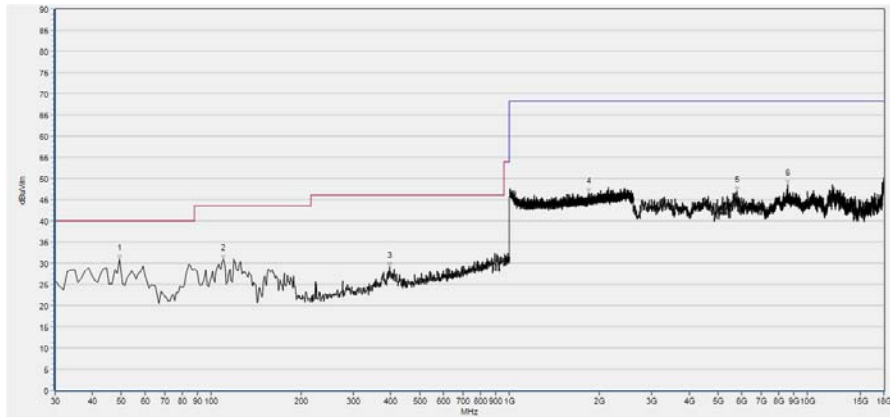


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
60.100	31.66	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
85.345	30.31	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
152.342	27.12	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2307.636	47.08	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4163.833	45.18	N/A	N/A	74.00	N/A	N/A	Vertical	PASS
8501.340	47.07	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

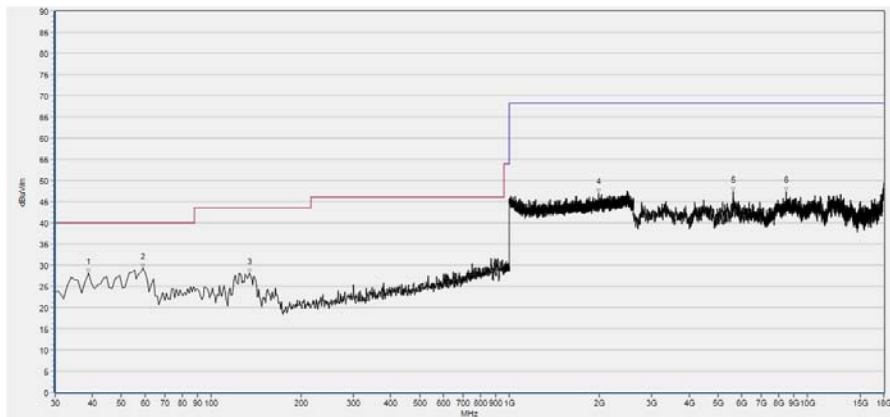
**802.11ac (VHT40) Test mode**

Plots for Channel = 38



Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
49.419	30.83	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
109.620	30.81	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
396.056	29.10	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1839.747	46.61	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5799.360	46.90	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8577.516	48.57	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



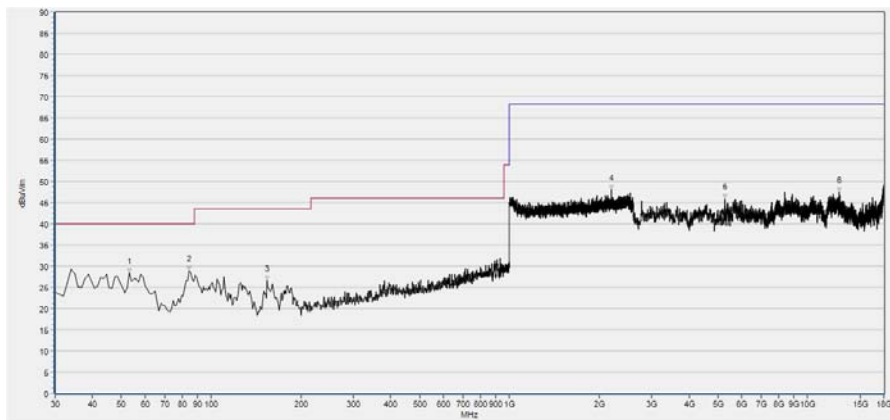
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
38.739	28.09	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
59.129	29.26	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
134.865	27.97	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1993.398	46.98	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5624.605	47.37	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8461.012	47.40	N/A	N/A	74.00	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)



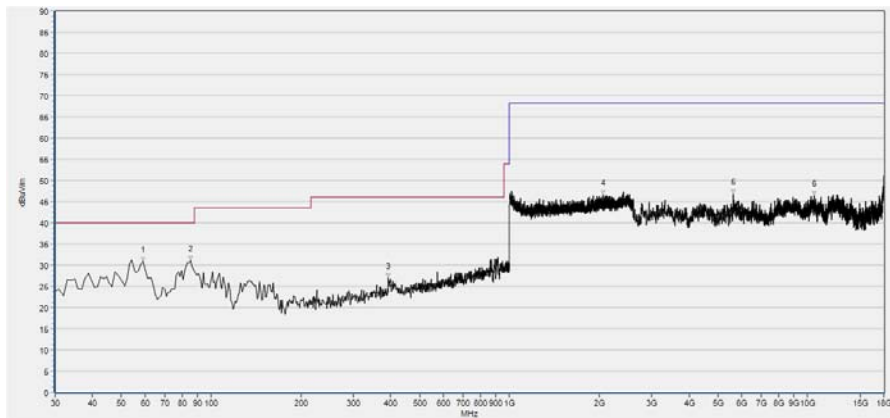


## Plot for Channel = 46



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
53.303	28.38	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
84.374	28.88	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
154.284	26.64	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2198.800	48.00	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5266.133	45.90	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12780.596	47.53	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

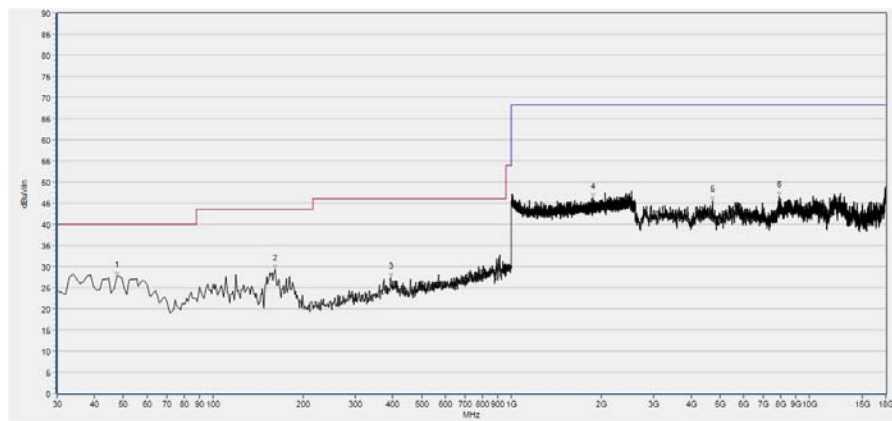
(Antenna Horizontal, 30MHz to 18GHz)



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
59.129	30.93	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
85.345	31.10	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
393.143	26.88	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2056.352	46.69	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5633.567	46.85	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10522.224	46.49	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

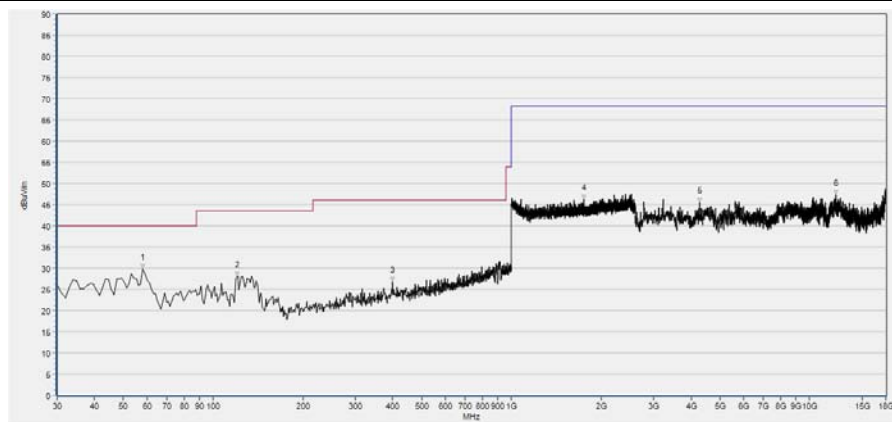
(Antenna Vertical, 30MHz to 18GHz)

### Plots for Channel = 54



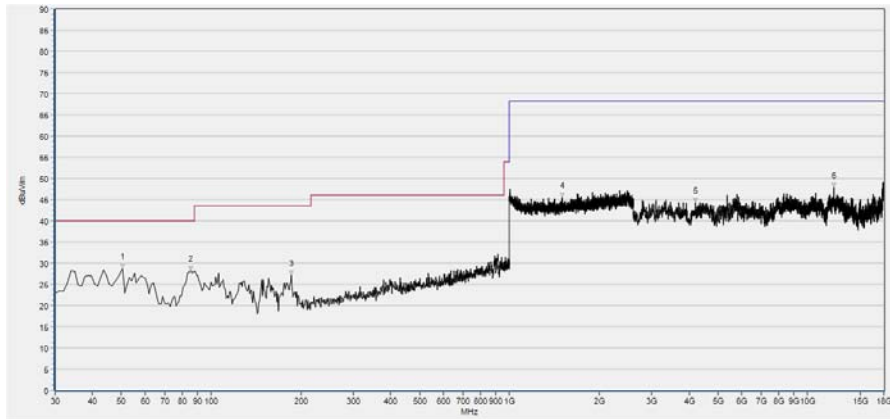
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
47.477	27.66	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
161.081	29.34	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
394.114	27.39	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1878.159	46.32	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4737.387	45.48	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS
7891.938	46.58	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



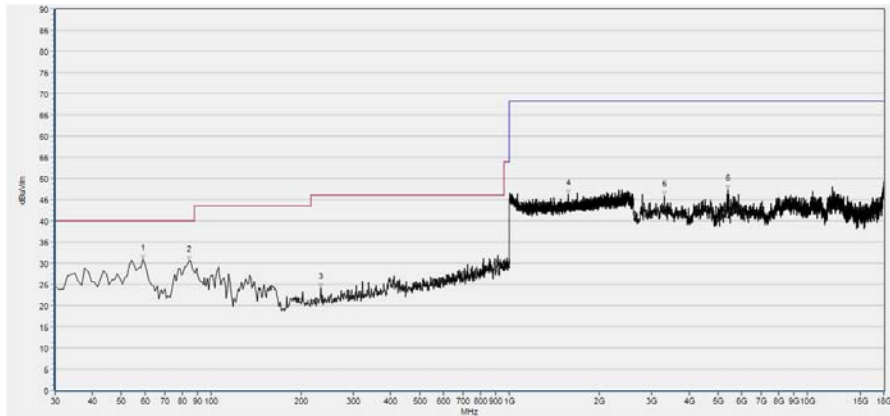
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
58.158	29.82	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
120.300	27.96	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
399.940	26.82	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1749.583	46.20	N/A	N/A	74.00	N/A	N/A	Vertical	PASS
4271.374	45.49	N/A	N/A	74.00	N/A	N/A	Vertical	PASS
12242.889	47.30	N/A	N/A	74.00	N/A	N/A	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
50.390	28.68	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
85.345	28.19	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
185.355	27.23	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1500.433	45.50	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS
4204.161	44.26	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS
12251.850	47.90	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

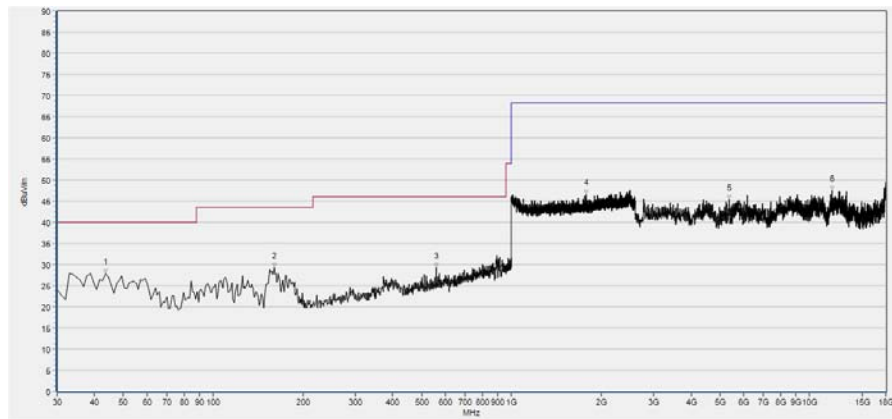


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
59.129	30.90	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
84.374	30.62	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
232.933	24.09	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1577.793	46.25	N/A	N/A	74.00	N/A	N/A	Vertical	PASS
3303.501	45.89	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5400.560	47.38	N/A	N/A	74.00	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

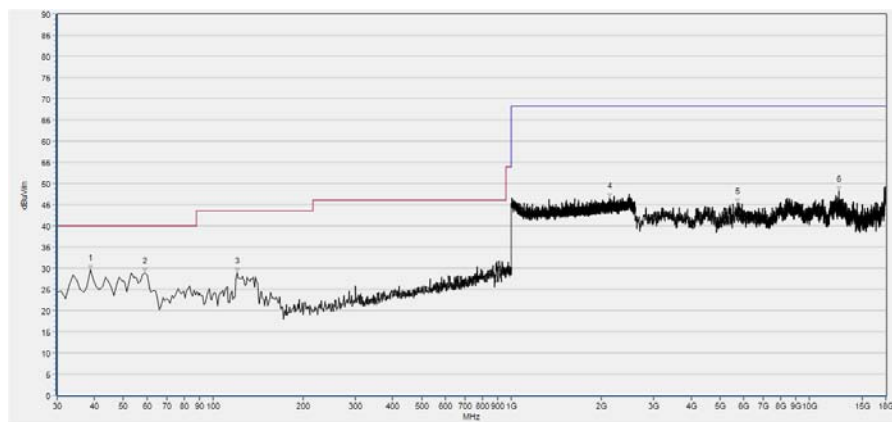


## Plots for Channel = 102



Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
43.594	27.93	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
160.110	29.30	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
559.179	29.29	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1783.728	46.65	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5373.675	45.31	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS
11857.532	47.53	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

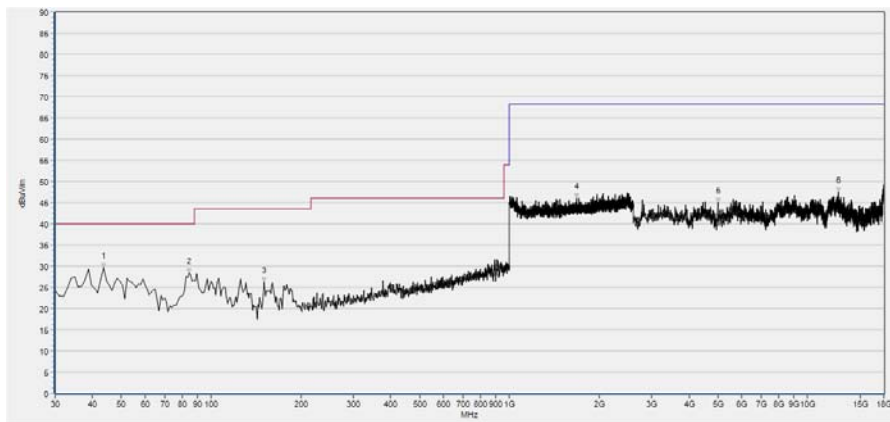


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
38.739	29.64	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
59.129	28.85	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
120.300	28.85	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2133.178	46.64	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5718.704	45.43	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12520.704	48.13	N/A	N/A	74.00	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

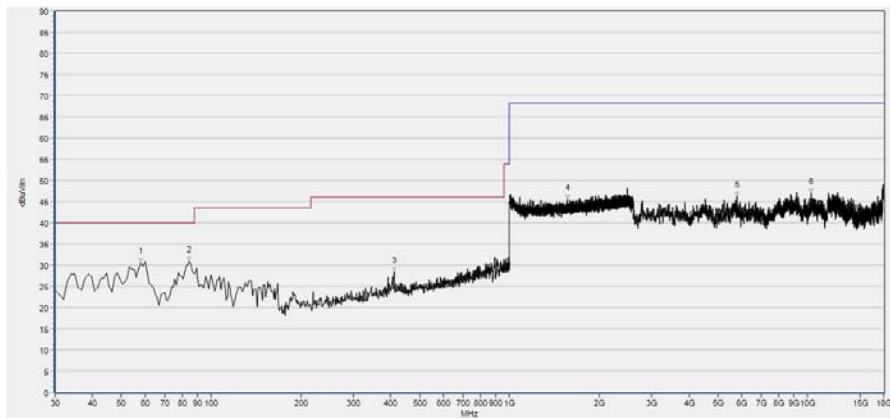


## Plot for Channel = 126



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
43.594	29.69	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
84.374	28.46	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
150.400	26.33	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1675.959	46.03	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS
4997.279	45.07	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS
12695.459	47.45	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS

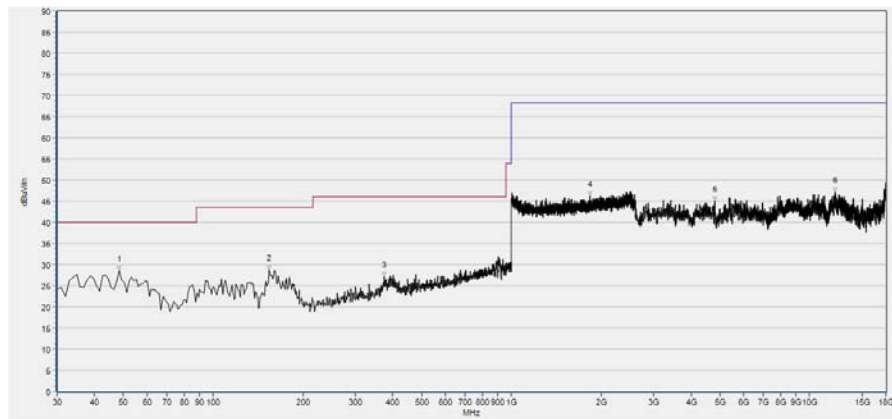
(Antenna Horizontal, 30MHz to 18GHz)



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
58.158	30.47	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
84.374	30.83	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
410.621	28.32	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1561.787	45.45	N/A	N/A	74.00	N/A	N/A	Vertical	PASS
5790.398	46.21	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10266.813	46.96	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

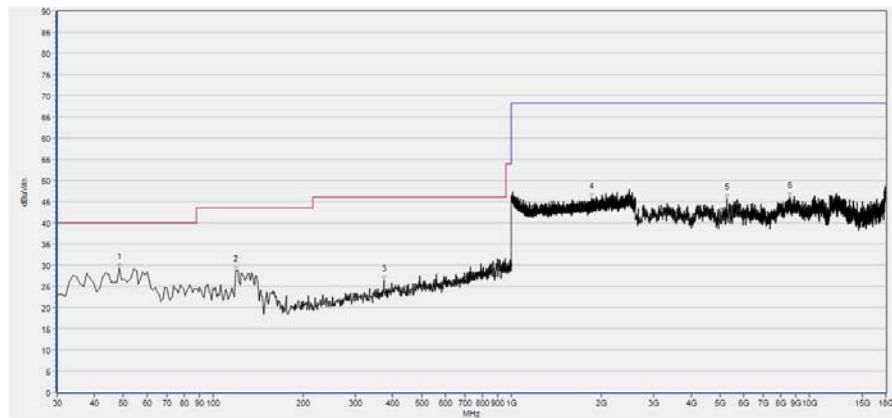
(Antenna Vertical, 30MHz to 18GHz)

### 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
48.448	28.61	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
154.284	28.68	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
374.695	27.10	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1835.478	46.21	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4800.120	44.93	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS
12135.347	47.13	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

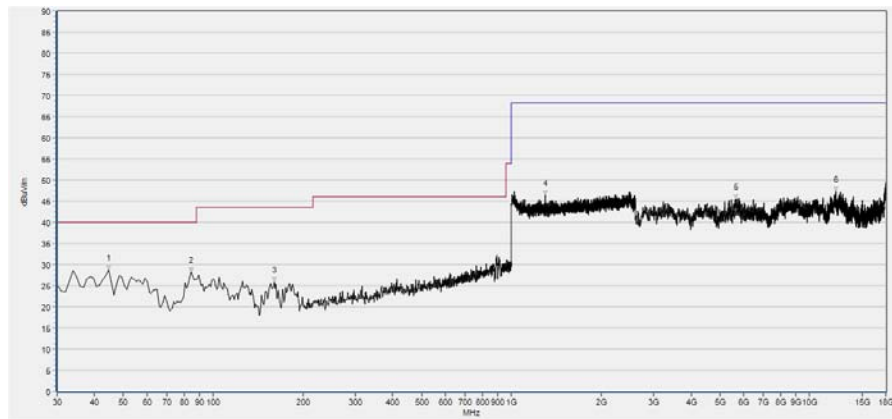


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
48.448	29.33	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
119.329	28.73	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
373.724	26.41	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1856.285	45.89	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5266.133	45.76	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8577.516	46.11	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

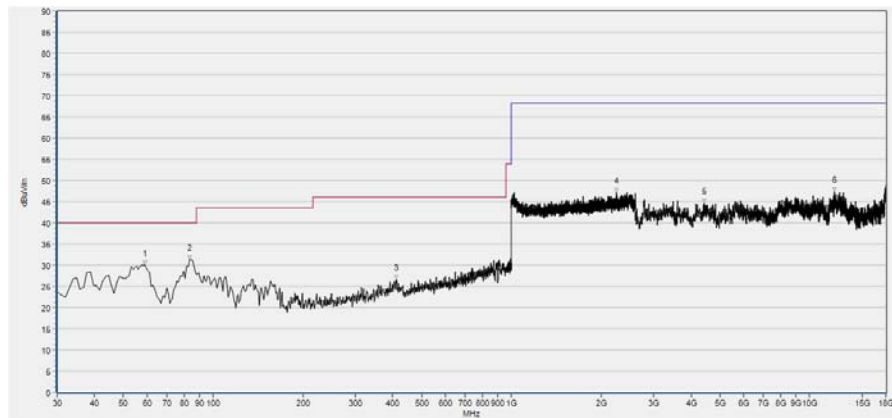


## Plot for Channel = 151



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
44.565	28.67	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
84.374	28.15	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
160.110	25.81	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1298.233	46.45	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5647.009	45.57	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12247.369	47.27	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



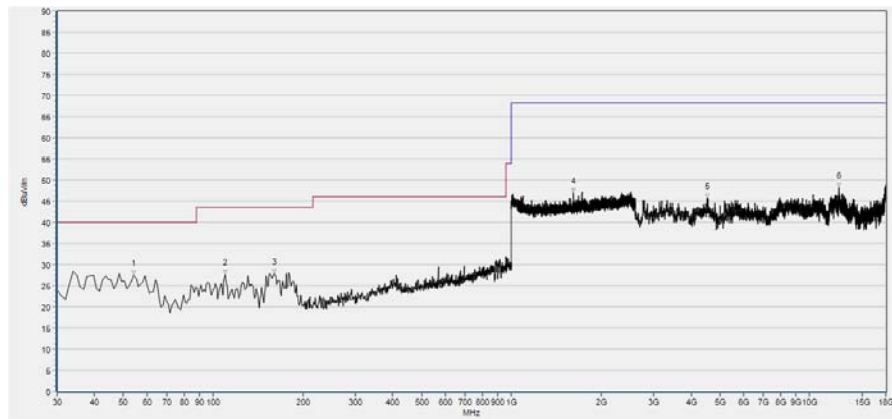
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
59.129	30.00	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
83.403	31.25	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
410.621	26.63	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2246.282	47.10	N/A	N/A	74.00	N/A	N/A	Vertical	PASS
4432.687	44.67	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12095.019	47.25	N/A	N/A	74.00	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)



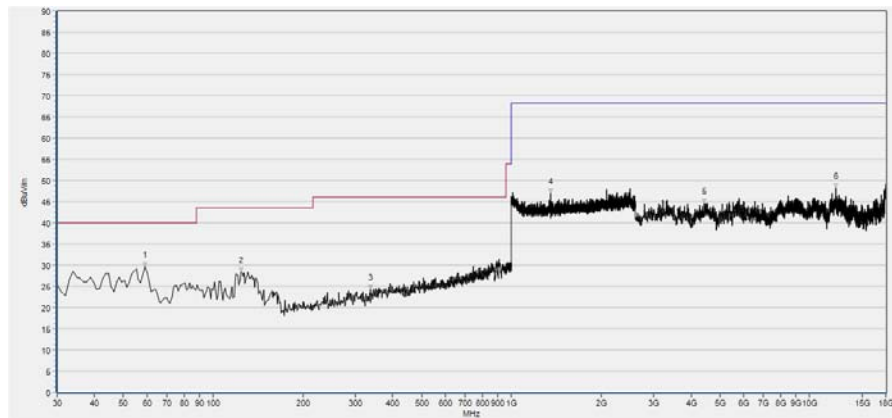


## Plots for Channel = 159



Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
54.274	27.49	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
109.620	27.61	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
160.110	27.89	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1616.739	46.91	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS
4535.747	45.72	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS
12534.147	48.23	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

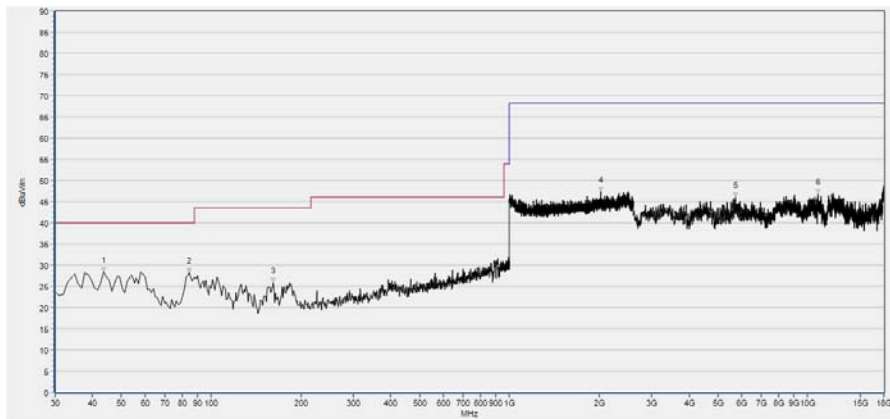


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
59.129	29.64	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
124.184	28.39	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
336.827	24.25	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1356.385	47.00	N/A	N/A	74.00	N/A	N/A	Vertical	PASS
4441.648	44.73	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12229.446	48.14	N/A	N/A	74.00	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

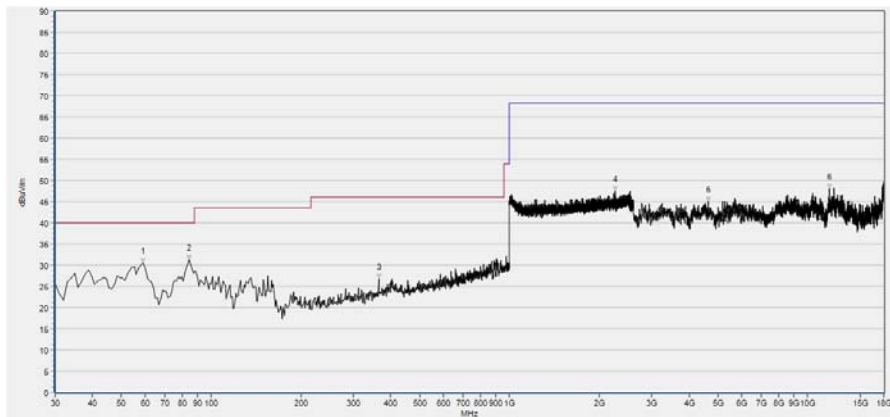
**802.11ac (VHT80) Test mode**

Plots for Channel = 42



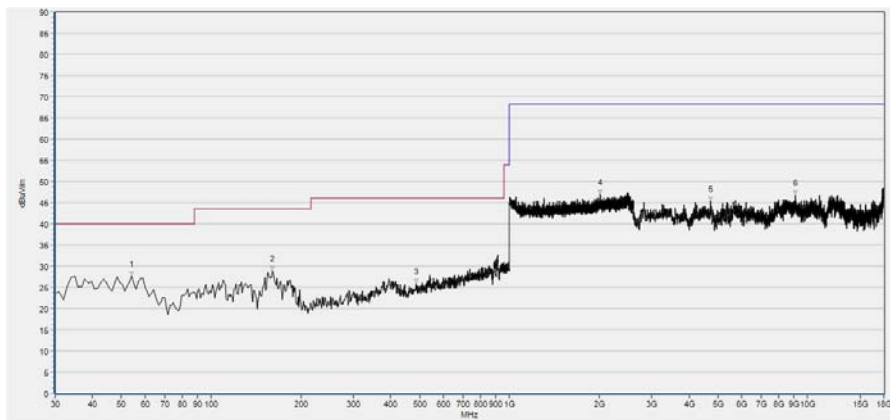
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
43.594	28.38	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
84.374	28.16	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
161.081	25.86	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2020.607	47.39	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5727.666	46.09	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10813.483	46.78	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



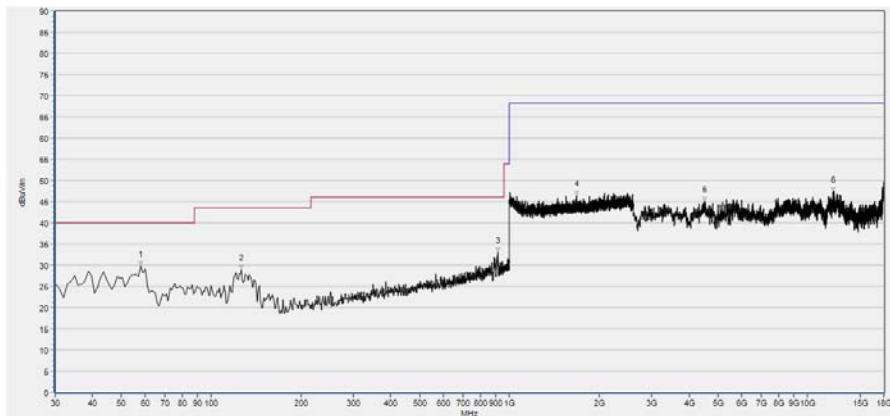
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
59.129	30.58	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
84.374	31.26	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
364.985	26.71	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2261.220	47.54	N/A	N/A	74.00	N/A	N/A	Vertical	PASS
4647.770	45.01	N/A	N/A	74.00	N/A	N/A	Vertical	PASS
11848.570	48.10	N/A	N/A	74.00	N/A	N/A	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
54.274	27.76	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
160.110	28.92	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
485.385	25.86	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2018.473	46.88	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4728.426	45.28	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS
9106.261	46.79	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

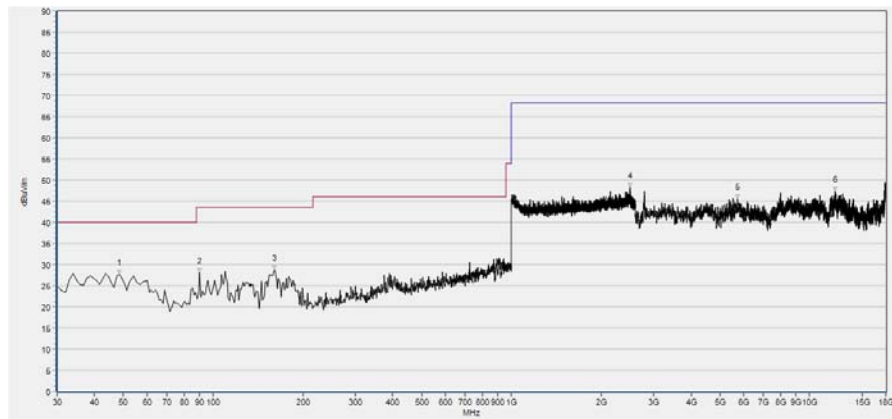


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
58.158	29.87	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
126.126	28.91	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
913.584	33.05	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1675.425	46.49	N/A	N/A	74.00	N/A	N/A	Vertical	PASS
4495.419	44.95	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12148.790	47.30	N/A	N/A	74.00	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

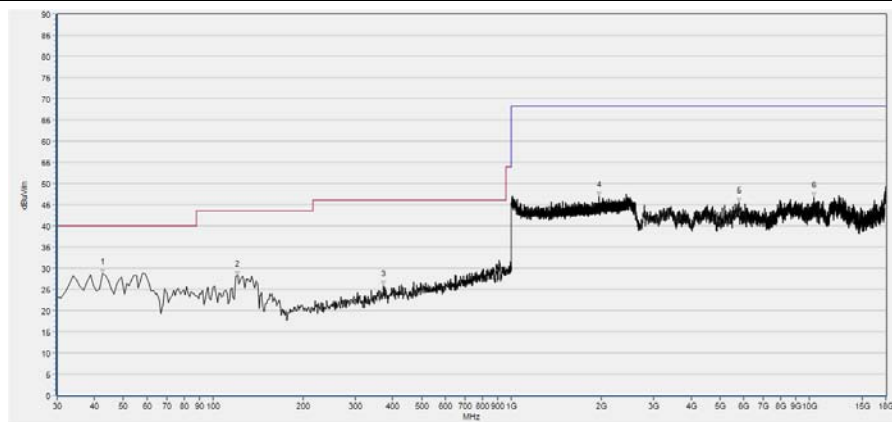


## Plots for Channel = 106



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
48.448	27.64	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
90.200	27.96	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
160.110	28.81	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2493.298	48.18	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS
5718.704	45.55	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12157.752	47.39	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

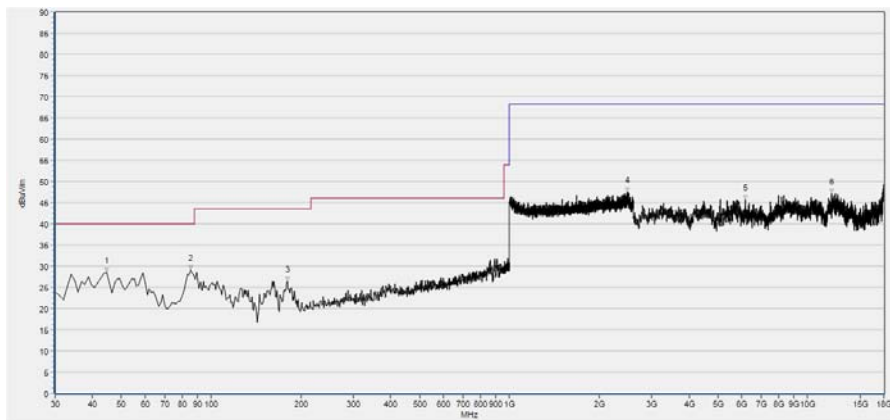


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
42.623	28.71	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
120.300	28.15	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
372.753	25.91	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1969.390	46.91	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5790.398	45.62	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10347.469	46.76	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

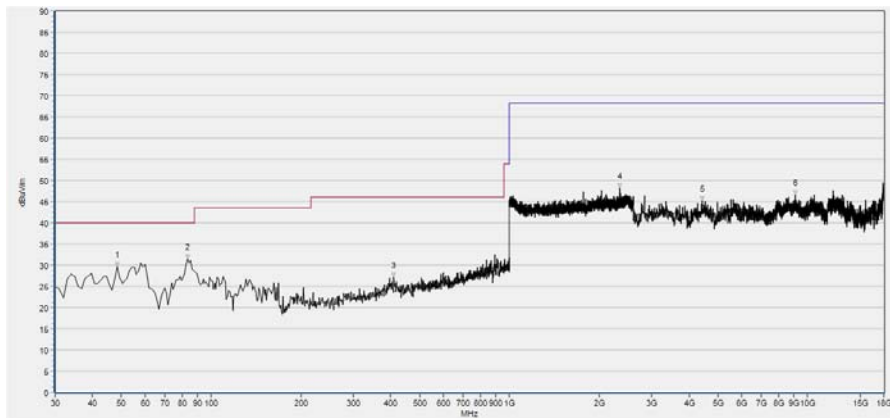


## Plot for Channel = 122



Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
44.565	28.52	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
85.345	29.14	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
180.501	26.48	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2491.164	47.55	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS
6180.236	45.63	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12054.691	47.14	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS

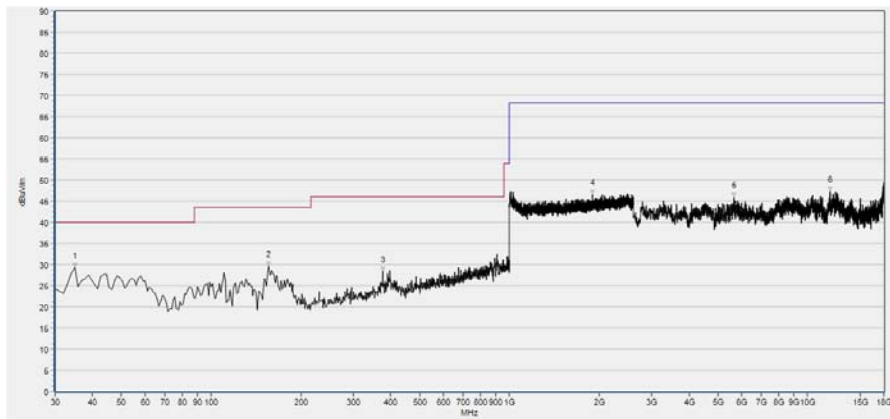
(Antenna Horizontal, 30MHz to 18GHz)



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
48.448	29.61	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
83.403	31.43	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
409.650	27.20	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2346.582	48.13	N/A	N/A	74.00	N/A	N/A	Vertical	PASS
4419.244	45.15	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9101.780	46.63	N/A	N/A	74.00	N/A	N/A	Vertical	PASS

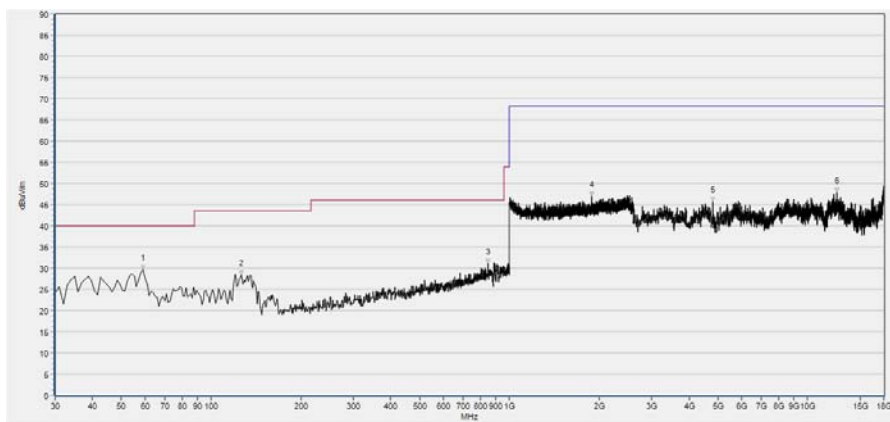
(Antenna Vertical, 30MHz to 18GHz)

### Plots for Channel = 138



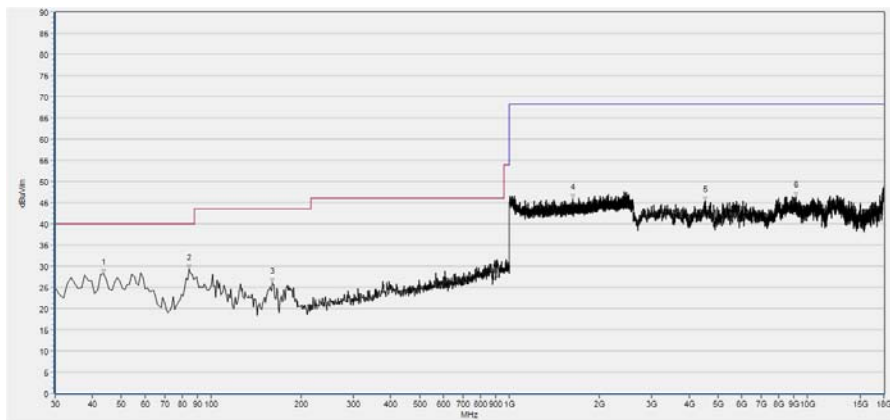
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
34.855	29.37	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
156.226	29.59	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
375.666	28.43	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1895.765	46.52	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5647.009	45.91	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11857.532	47.26	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



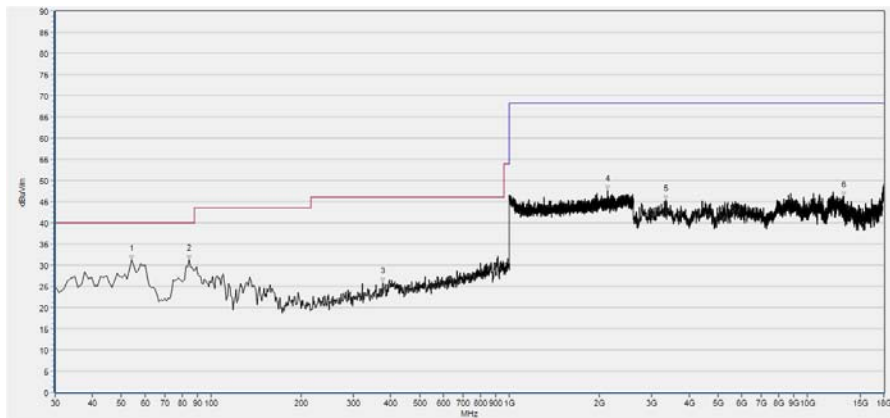
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
59.129	29.59	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
126.126	28.38	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
847.558	31.07	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1886.162	46.91	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4809.082	45.75	N/A	N/A	74.00	N/A	N/A	Vertical	PASS
12534.147	47.84	N/A	N/A	74.00	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
43.594	28.21	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
84.374	29.36	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
160.110	25.99	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1631.677	45.87	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4522.304	45.35	N/A	N/A	74.00	N/A	N/A	Horizontal	PASS
9133.147	46.50	N/A	N/A	74.00	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
54.274	31.21	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
84.374	31.19	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
375.666	25.97	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2134.778	47.62	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
3339.348	45.38	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
13174.915	46.22	N/A	N/A	68.23	N/A	N/A	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	$\pm 2.22\text{dB}$
Power spectral density (PSD)	$\pm 2.22\text{dB}$
Bandwidth	$\pm 5\%$
Restricted Frequency Bands	$\pm 5\%$
Radiated Emission	$\pm 2.95\text{dB}$
Conducted Emission	$\pm 2.44\text{dB}$

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



## Annex B Testing Laboratory Information

### 1. Identification of the Responsible Testing Laboratory

<b>Company Name:</b>	Shenzhen Morlab Communications Technology Co., Ltd.
<b>Department:</b>	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
<b>Responsible Test Lab Manager:</b>	Mr. Su Feng
<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 Name	Serial No.	Type	Manufacturer	Cal. Date	Cal. Due
Power Splitter	NW521	1506A	Weinschel	2017.05.24	2018.05.23
				2018.04.17	2019.04.16
Attenuator 1	(N/A.)	10dB	Resnet	2017.05.24	2018.05.23
				2018.04.17	2019.04.16
Attenuator 2	(N/A.)	3dB	Resnet	2017.05.24	2018.05.23
				2018.04.17	2019.04.16
EXA Signal Analyzer	MY53470836	N9010A	Agilent	2017.12.03	2018.12.02
USB Wideband Power Sensor	MY54210011	U2021XA	Agilent	2017.05.24	2018.05.23
				2018.04.17	2019.04.16
Power Sensor	MY41496306	E9304A	Angilent	2017.05.24	2018.05.23
				2018.04.17	2019.04.16
RF cable (30MHz-26GHz)	CB01	RF01	Morlab	N/A	N/A
Coaxial cable	CB02	RF02	Morlab	N/A	N/A
SMA connector	CN01	RF03	HUBER-SUHNER	N/A	N/A

##### 4.2 Conducted Emission Test Equipments

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Cal. Due
Receiver	MY56400093	N9038A	KEYSIGHT	2017.07.13	2018.07.12
LISN	812744	NSLK 8127	Schwarzbeck	2017.05.17	2018.05.16
				2018.05.08	2019.05.07
Pulse Limiter (20dB)	9391	VTSD 9561-D	Schwarzbeck	2017.05.17	2018.05.16
				2018.05.08	2019.05.07
Coaxial cable(BNC) (30MHz-26GHz)	CB01	EMC01	Morlab	N/A	N/A

##### 4.3 Auxiliary Test Equipment

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

**4.4 List of Software Used**

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

**4.4 Radiated Test Equipments**

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Cal. Due
Receiver	MY54130016	N9038A	Agilent	2017.05.17	2018.05.16
				2018.05.08	2019.05.07
Test Antenna - Bi-Log	9163-519	VULB 9163	Schwarzbeck	2017.05.17	2018.05.16
				2018.05.08	2019.05.07
Test Antenna - Horn	9170C-531	BBHA9170	Schwarzbeck	2017.09.13	2018.09.12
Test Antenna - Loop	1519-022	FMZB1519	Schwarzbeck	2018.03.03	2019.03.02
Test Antenna - Horn	01774	BBHA 9120D	Schwarzbeck	2017.09.13	2018.09.12
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
1-18GHz pre-Amplifier	MA02	TS-PR18	Rohde& Schwarz	2017.05.17	2018.05.16
				2018.05.08	2019.05.07
18-26.5GHz pre-Amplifier	MA03	TS-PR18	Rohde& Schwarz	2017.05.17	2018.05.16
				2018.05.08	2019.05.07
Anechoic Chamber	N/A	9m*6m*6m	CRT	2017.11.19	2020.11.18

————— END OF REPORT —————