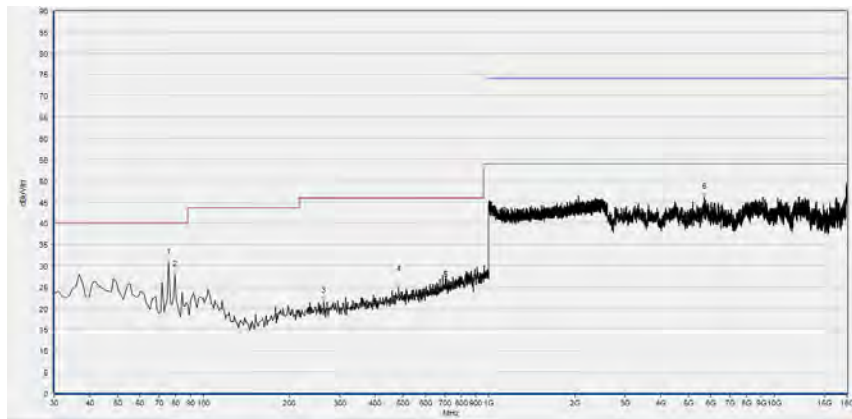
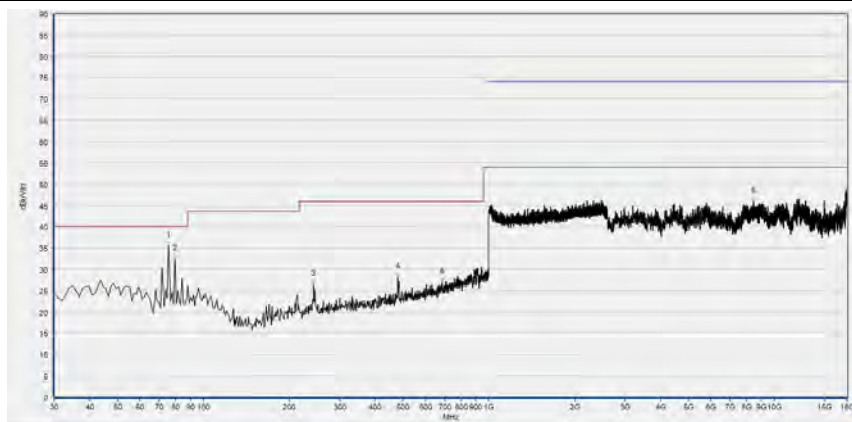


### Plots for Channel = 54



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
75.636	30.60	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
79.520	27.74	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
264.004	21.68	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
483.443	24.78	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
703.854	27.85	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5699.100	46.09	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

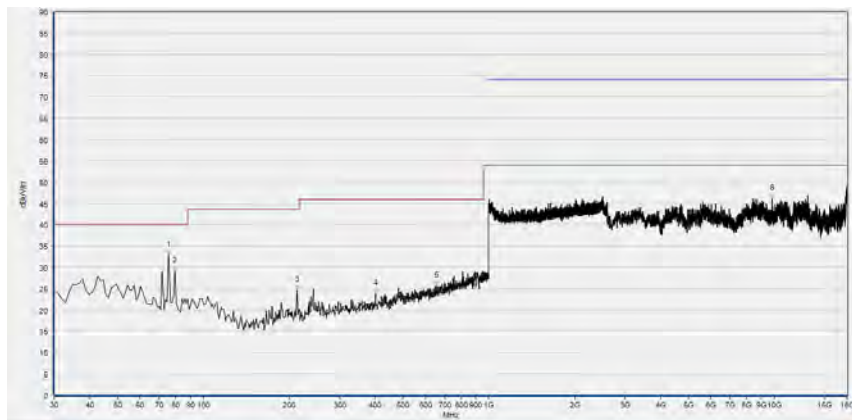
(Antenna Horizontal, 30MHz to 25GHz)



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
75.636	35.59	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
79.520	32.38	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
243.614	26.43	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
479.560	28.24	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
687.347	26.96	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
8456.251	45.92	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

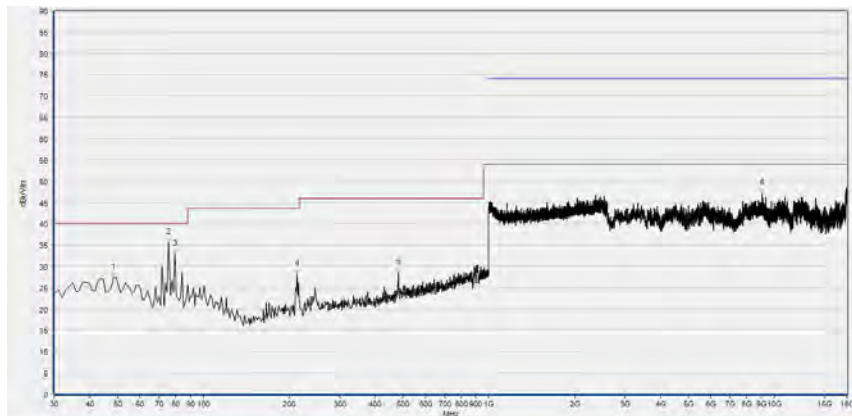
(Antenna Vertical, 30MHz to 25GHz)

### 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
75.636	32.81	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
79.520	28.98	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
212.543	24.64	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
400.911	23.77	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
655.305	25.71	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
9851.770	46.01	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

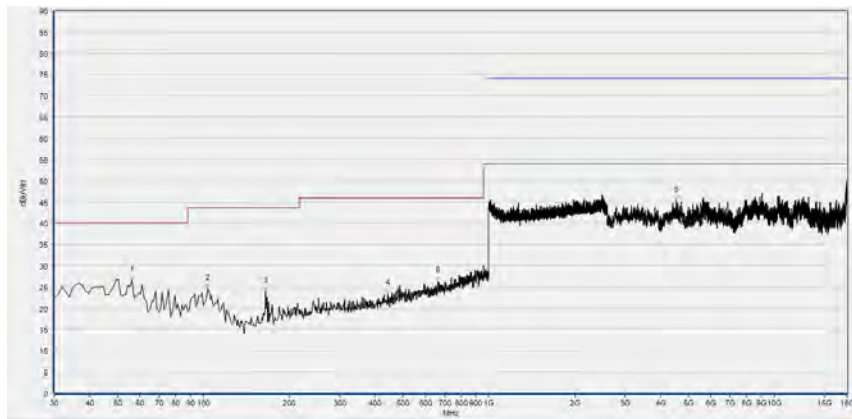
(Antenna Horizontal, 30MHz to 25GHz)



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
48.448	27.40	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
75.636	35.51	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
79.520	32.90	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
212.543	28.18	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
482.472	28.57	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
9053.891	47.04	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

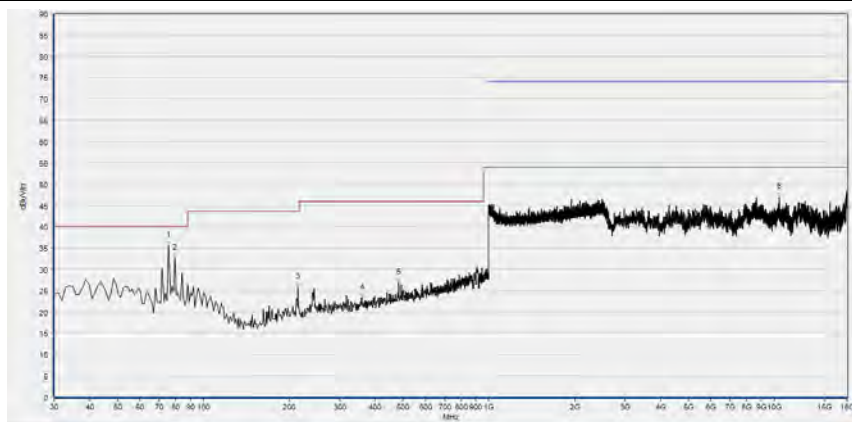
(Antenna Vertical, 30MHz to 25GHz)

### 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	26.65	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
103.794	24.65	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
164.965	24.00	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
442.663	23.43	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
664.044	26.33	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4531.546	45.42	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

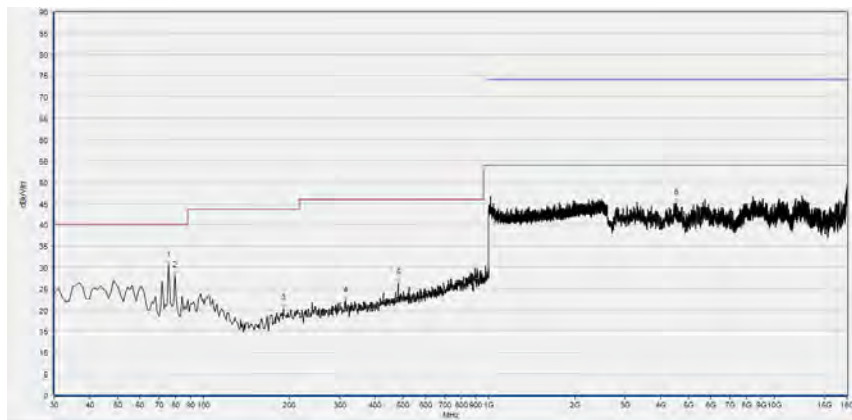
(Antenna Horizontal, 30MHz to 25GHz)



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
75.636	35.56	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
79.520	32.58	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
214.484	25.80	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
359.159	23.31	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
483.443	26.76	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
10400.120	46.88	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

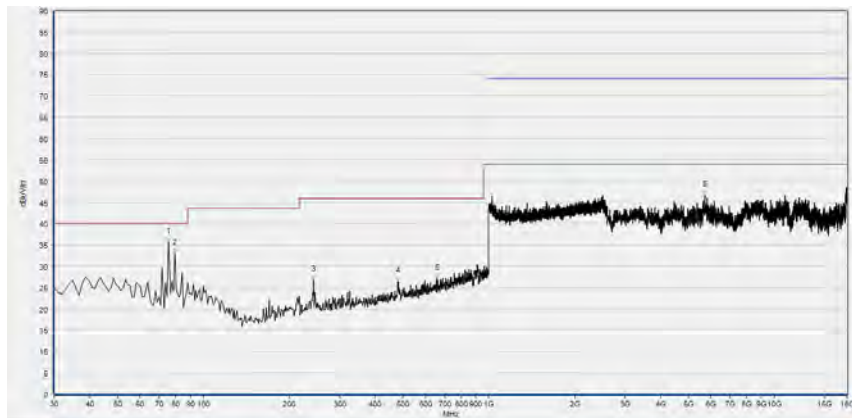
(Antenna Vertical, 30MHz to 25GHz)

### 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
75.636	30.58	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
79.520	28.19	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
191.181	20.24	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
315.465	22.14	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
481.502	26.32	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4550.030	45.04	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 25GHz)

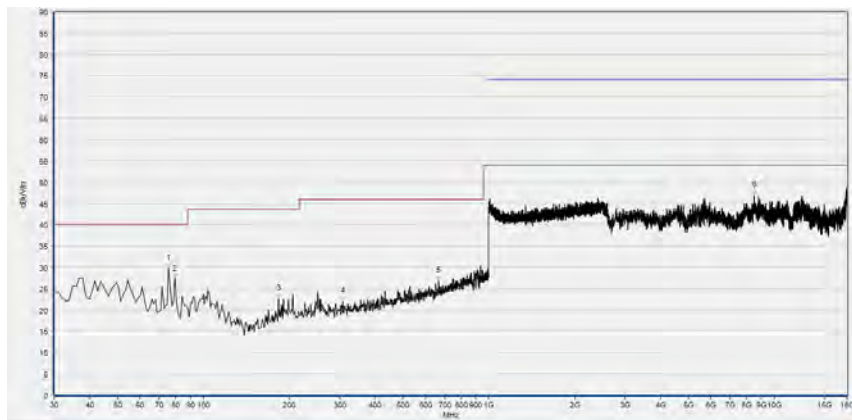


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
75.636	35.69	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
79.520	33.02	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
243.614	26.87	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
479.560	26.51	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
659.189	27.14	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5720.664	46.74	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)

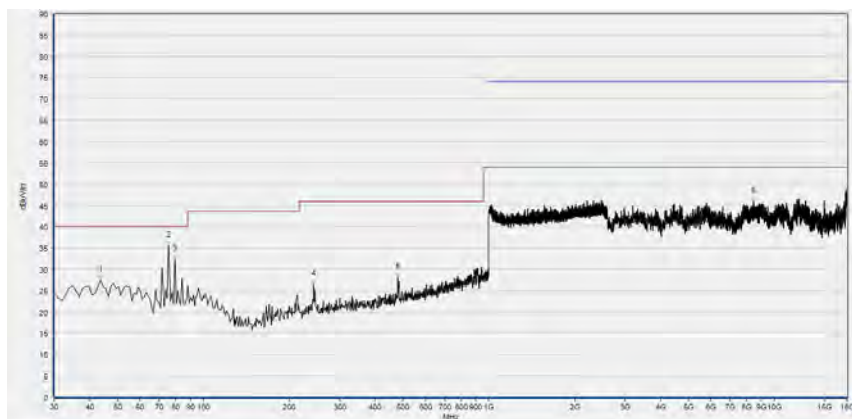


## Plot for Channel = 142



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
75.636	29.72	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
79.520	27.54	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
183.413	22.56	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
308.669	21.89	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
667.928	26.85	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
8520.944	46.93	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 25GHz)

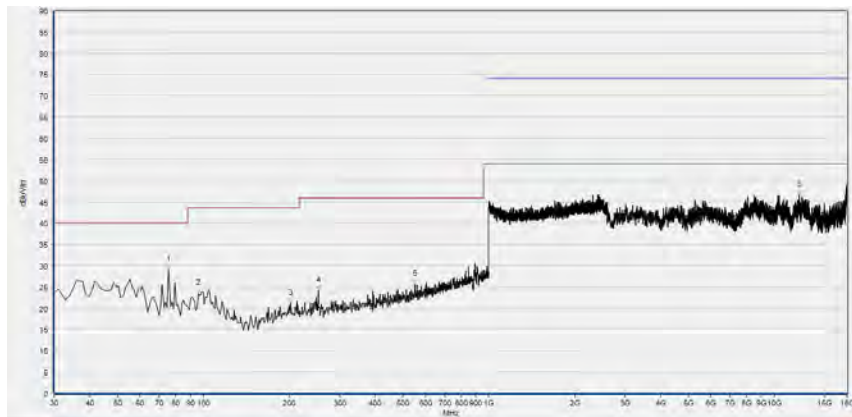


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
43.594	27.51	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
75.636	35.59	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
79.520	32.38	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
243.614	26.43	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
479.560	28.24	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
8456.251	45.92	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)

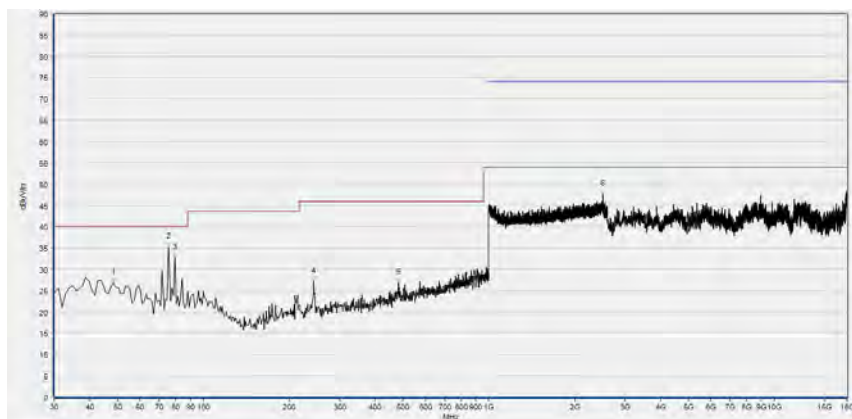


### Plot for Channel = 151



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
75.636	29.07	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
96.026	23.49	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
201.862	21.17	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
252.352	24.21	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
550.440	25.57	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
12254.651	46.66	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

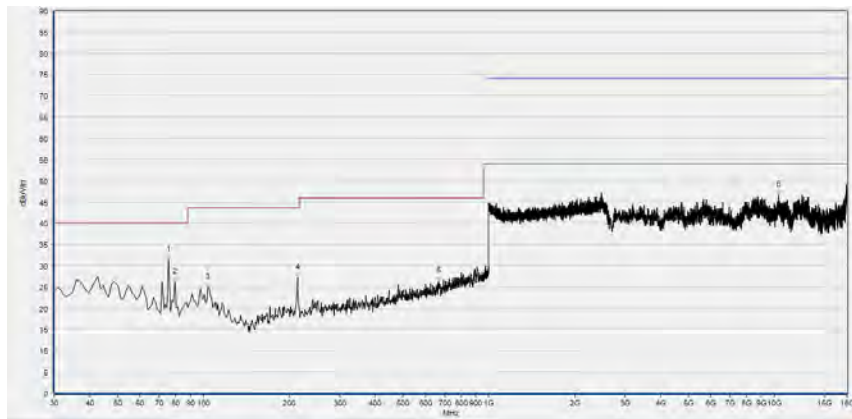
(Antenna Horizontal, 30MHz to 25GHz)



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	26.82	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
75.636	35.15	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
79.520	32.70	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
243.614	27.21	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
481.502	26.85	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2514.105	47.65	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

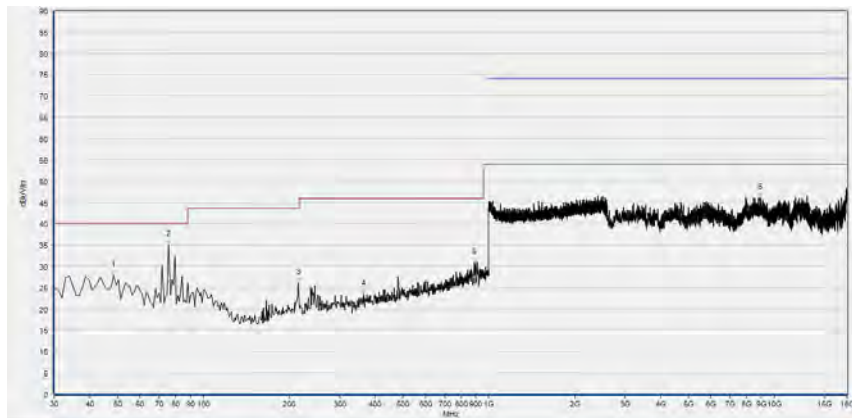
(Antenna Vertical, 30MHz to 25GHz)

### 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
75.636	31.36	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
79.520	26.13	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
103.794	24.89	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
213.514	27.20	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
665.015	26.25	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
10360.072	46.61	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 25GHz)

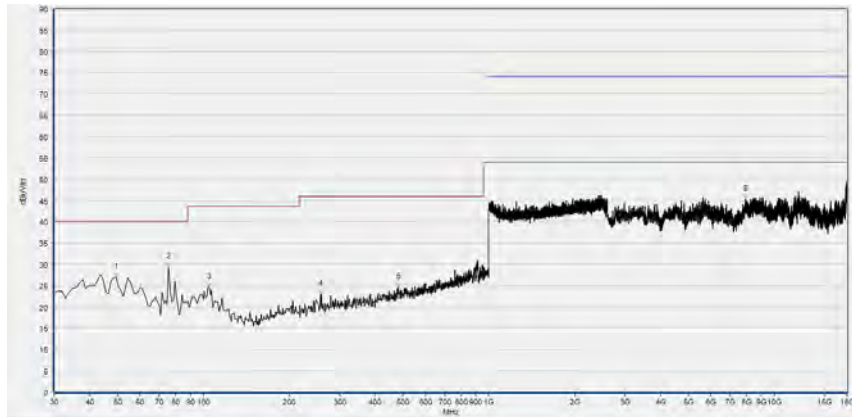


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
48.448	27.88	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
75.636	34.99	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
215.455	26.11	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
363.043	23.51	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
891.251	30.81	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
8899.860	46.12	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)

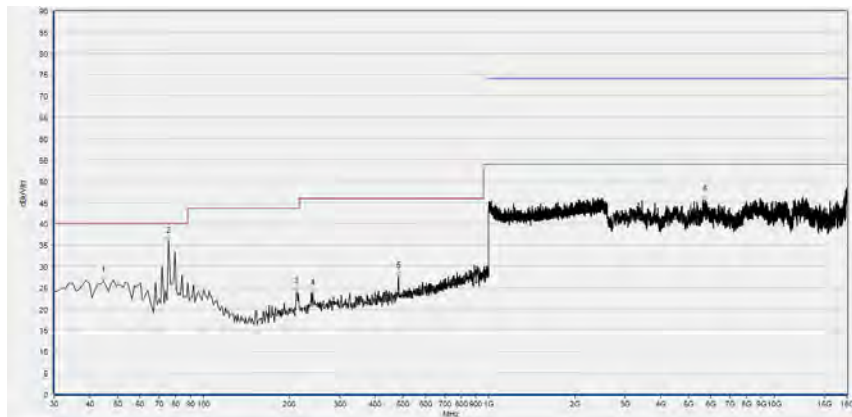
**802.11ac (VHT20) Test mode**

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
49.419	27.02	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
75.636	29.37	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
104.765	24.57	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
257.207	22.97	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
481.502	24.59	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
7932.547	45.29	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 25GHz)



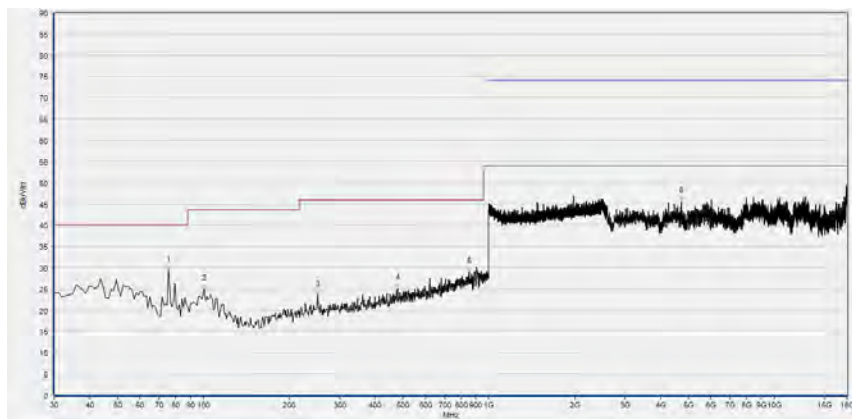
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
44.565	26.69	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
75.636	35.93	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
211.572	23.89	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
241.672	23.70	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
483.443	27.72	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5711.422	45.63	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)



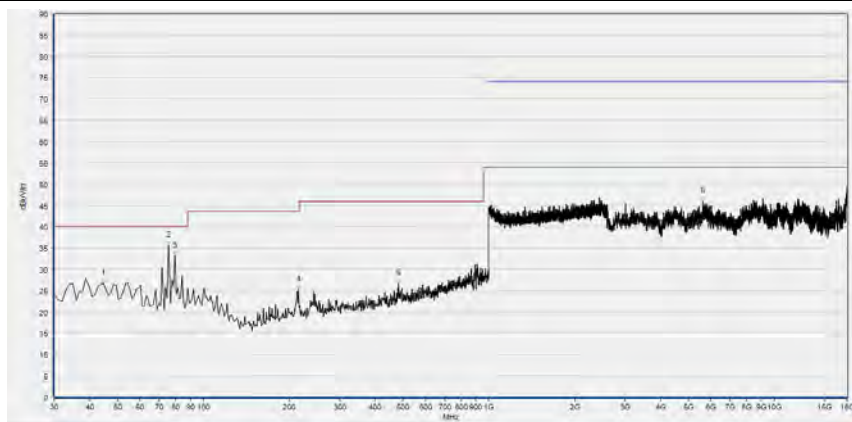


## Plots for Channel = 44



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
75.636	29.48	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
100.881	24.99	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
251.381	23.70	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
479.560	25.07	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
853.383	28.98	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4734.867	45.53	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 25GHz)

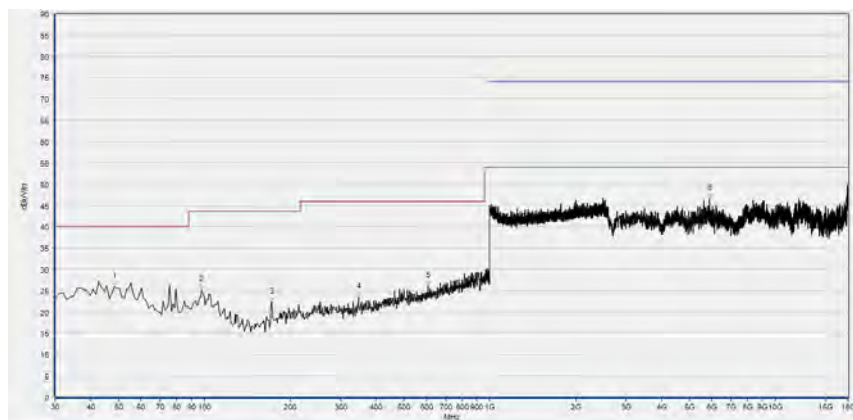


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
44.565	26.61	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
75.636	35.56	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
79.520	33.13	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
215.455	25.09	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
483.443	26.61	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5615.923	45.87	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)

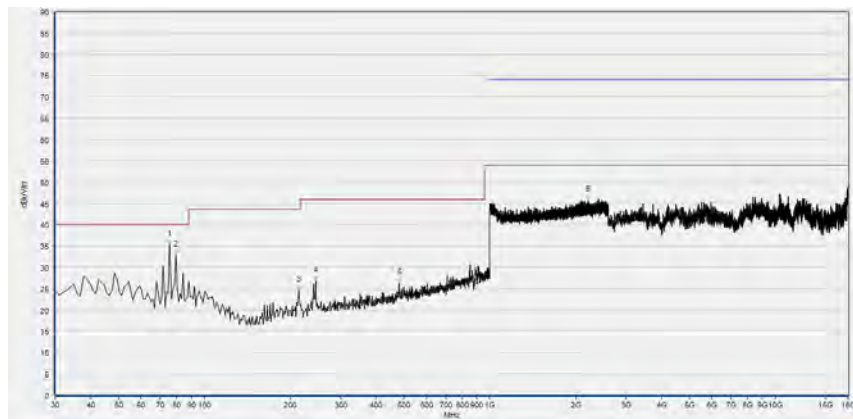


## Plot for Channel = 48



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	26.01	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
97.968	25.20	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
171.762	22.21	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
346.537	23.49	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
607.728	26.14	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5877.776	46.52	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

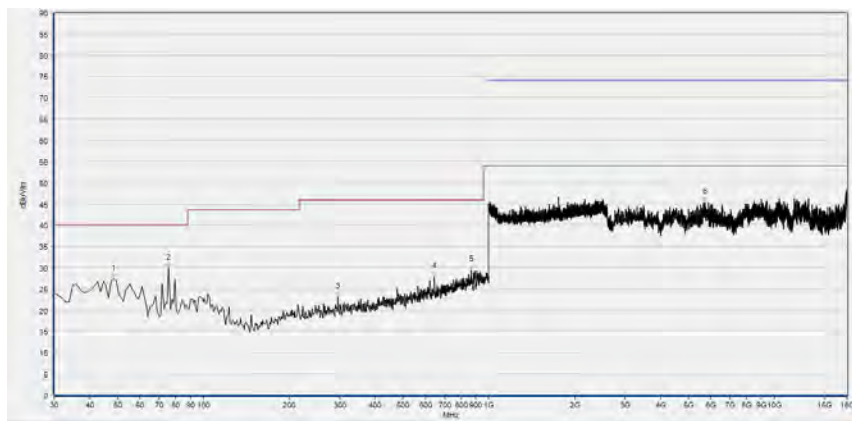
(Antenna Horizontal, 30MHz to 25GHz)



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
75.636	35.43	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
79.520	32.88	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
214.484	24.57	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
245.556	26.82	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
481.502	26.32	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2213.738	45.68	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

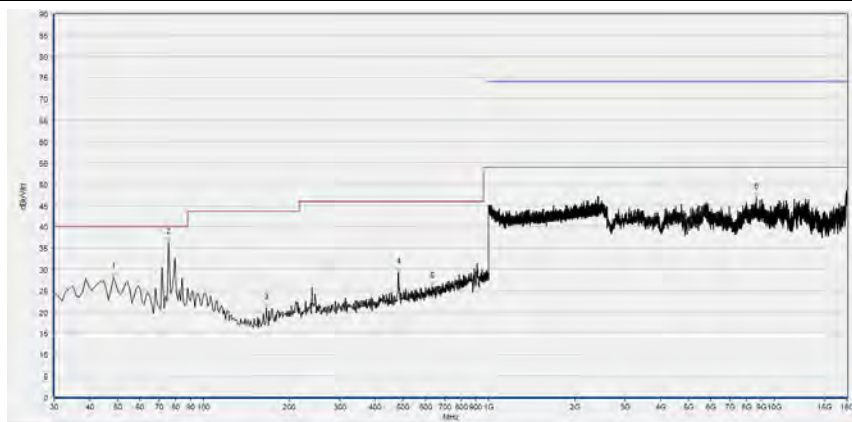
(Antenna Vertical, 30MHz to 25GHz)

### 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
48.448	27.28	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
75.636	29.75	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
296.046	23.06	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
644.625	27.76	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
869.890	29.46	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5714.503	45.49	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

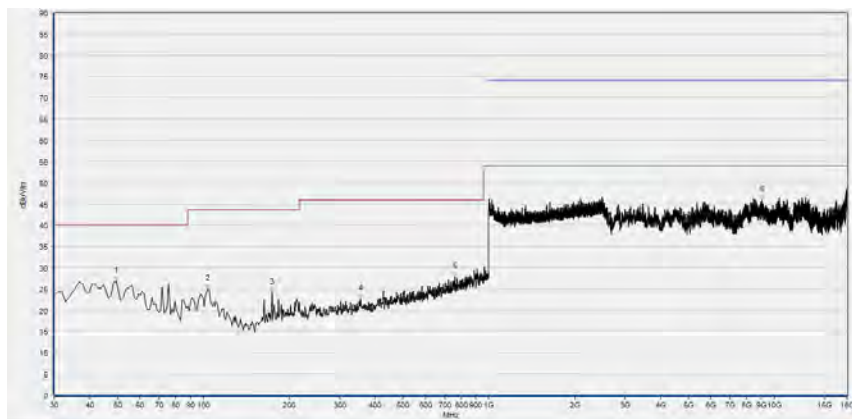
(Antenna Horizontal, 30MHz to 25GHz)



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	28.10	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
75.636	36.36	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
165.936	21.00	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
483.443	29.40	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
632.973	25.93	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
8650.330	46.84	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

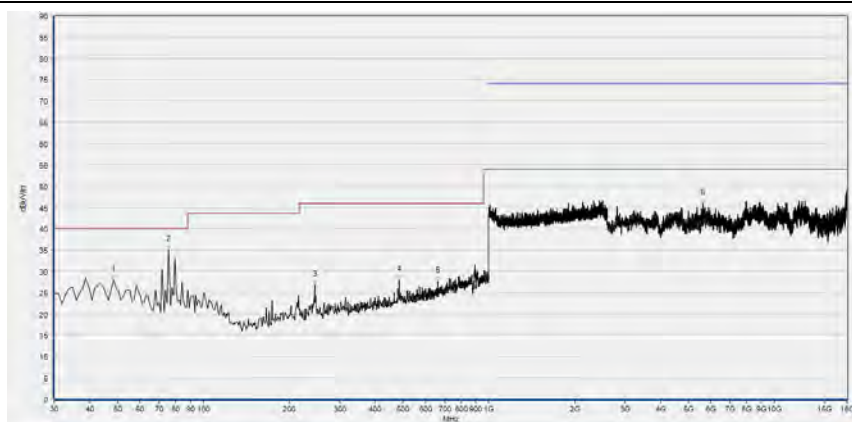
(Antenna Vertical, 30MHz to 25GHz)

### 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
49.419	26.76	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
103.794	24.90	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
173.704	24.08	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
356.246	22.62	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
762.112	27.81	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
9087.778	45.87	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 25GHz)

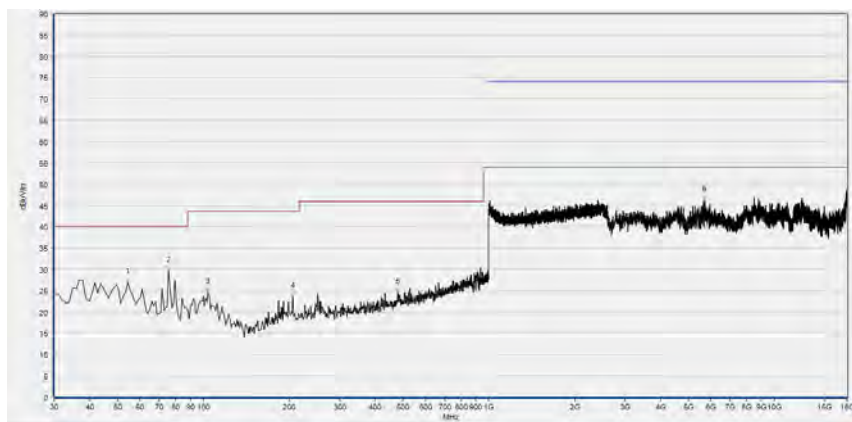


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
48.448	28.02	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
75.636	35.10	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
245.556	26.79	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
485.385	27.94	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
663.073	27.64	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5631.326	45.89	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)

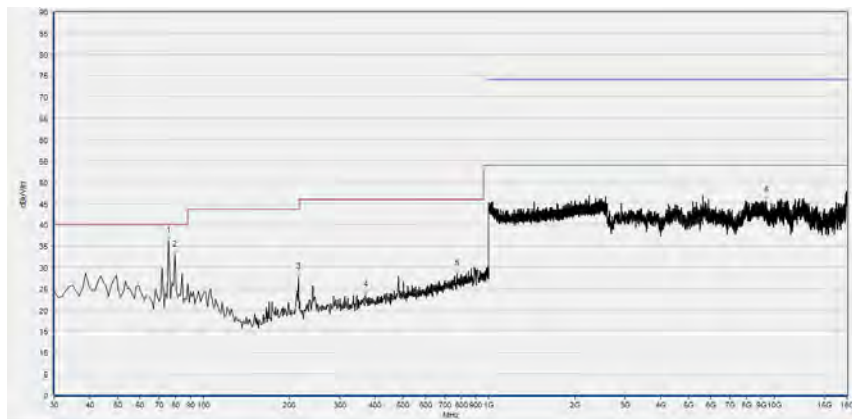


## Plot for Channel = 64



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
54.274	26.91	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
75.636	29.72	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
103.794	24.56	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
205.746	23.64	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
479.560	24.60	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5699.100	46.28	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 25GHz)

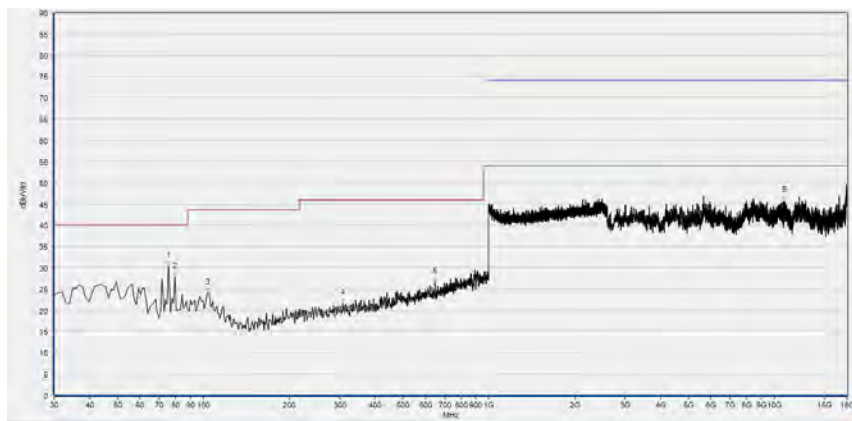


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
75.636	36.28	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
79.520	32.89	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
215.455	27.69	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
369.840	23.53	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
771.822	28.49	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
9392.759	45.56	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)

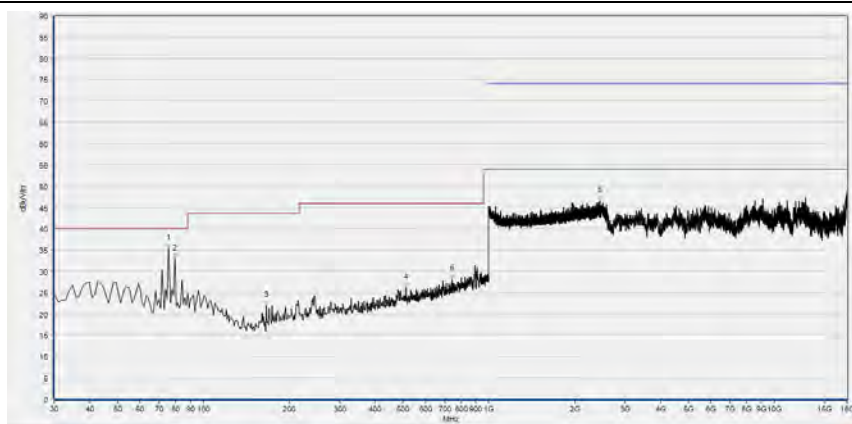


### Plots for Channel = 100



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
75.636	30.29	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
79.520	27.79	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
103.794	24.15	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
307.698	21.65	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
648.509	26.58	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
10849.890	45.82	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

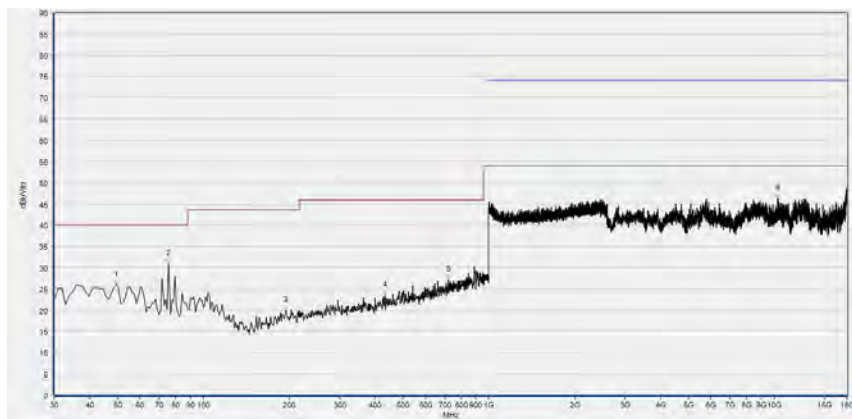
(Antenna Horizontal, 30MHz to 25GHz)



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
75.636	35.40	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
79.520	33.02	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
165.936	22.03	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
512.573	26.08	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
744.635	28.08	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2452.751	46.56	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

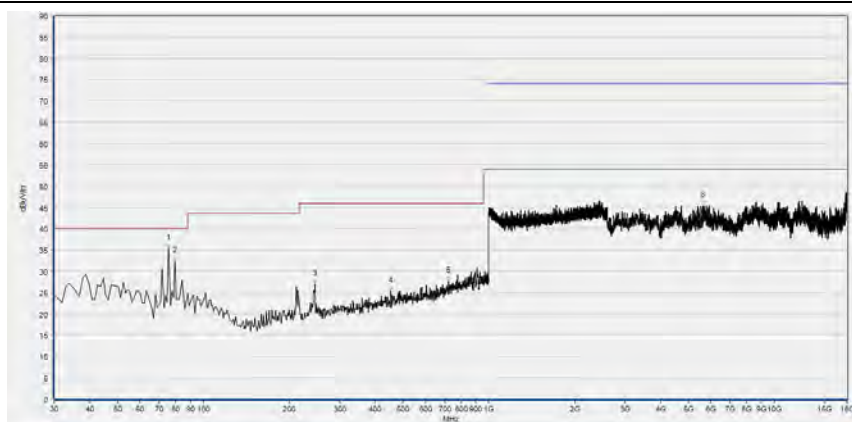
(Antenna Vertical, 30MHz to 25GHz)

### Plots for Channel = 120



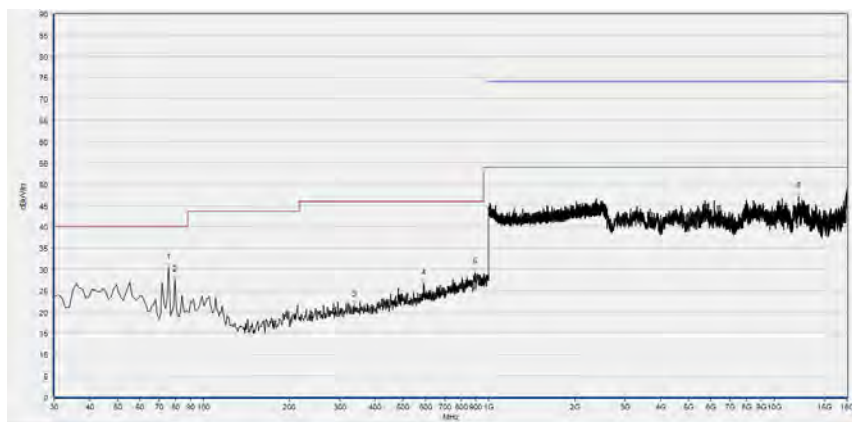
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
49.419	26.06	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
75.636	30.89	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
194.094	19.87	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
432.953	23.54	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
721.331	27.14	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
10273.815	46.24	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 25GHz)



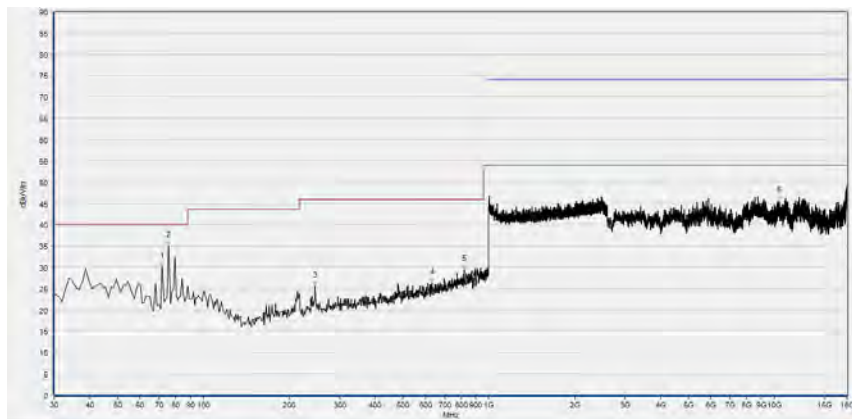
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
75.636	35.39	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
79.520	32.38	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
246.527	26.95	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
453.343	25.26	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
724.244	27.72	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5634.407	45.41	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(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
75.636	30.40	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
79.520	27.54	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
336.827	21.68	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
590.250	26.61	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
896.106	29.27	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
12146.829	47.12	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 25GHz)

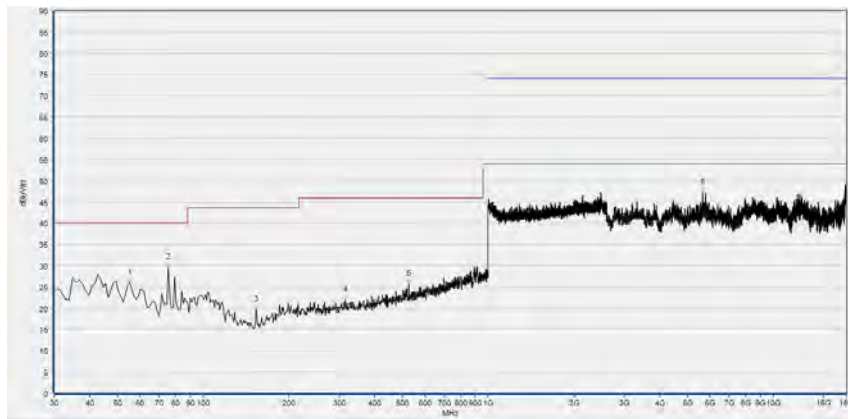


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
71.752	30.24	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
75.636	35.04	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
246.527	25.62	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
632.002	26.24	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
821.341	29.42	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
10421.684	45.65	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)

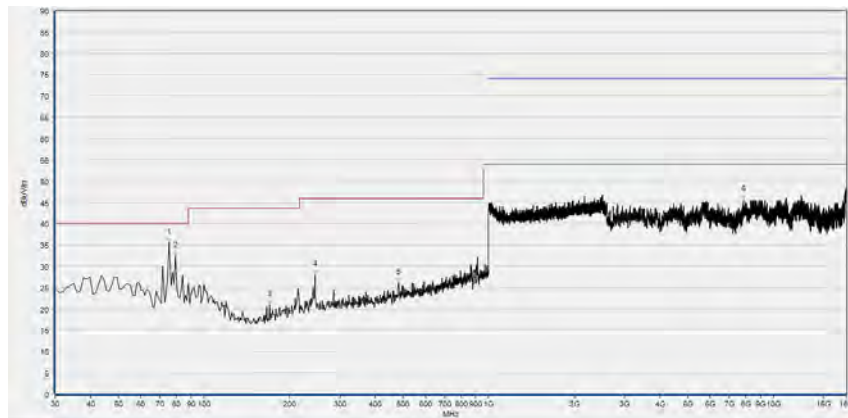


## Plots for Channel = 149



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
55.245	25.93	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
75.636	29.47	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
153.313	19.60	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
315.465	21.86	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
527.137	25.64	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5637.487	47.07	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 25GHz)

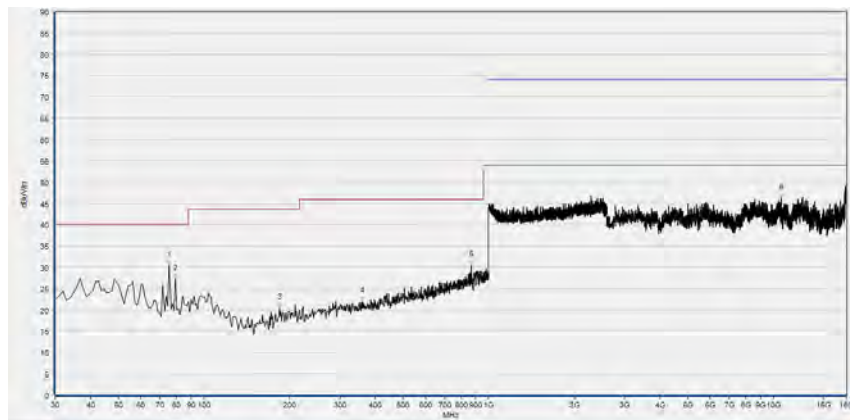


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
75.636	35.54	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
79.520	32.35	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
169.820	20.98	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
245.556	27.98	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
483.443	26.14	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
7830.886	45.58	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)

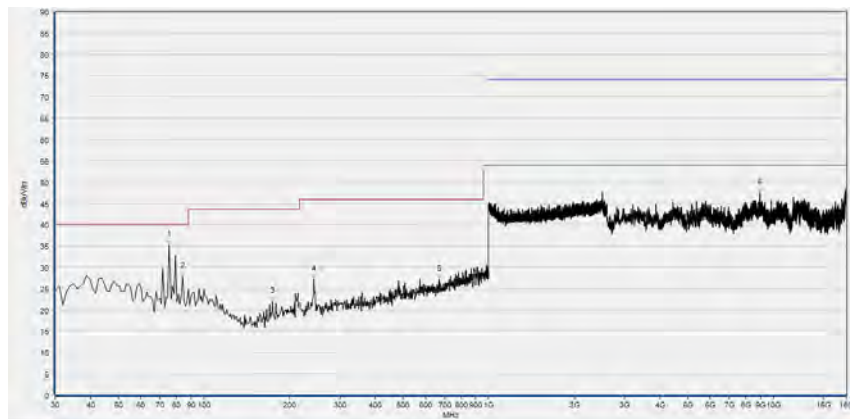


## Plot for Channel = 157



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
75.636	30.44	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
79.520	27.35	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
184.384	20.40	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
359.159	22.00	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
870.861	30.59	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
10649.650	46.29	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 25GHz)

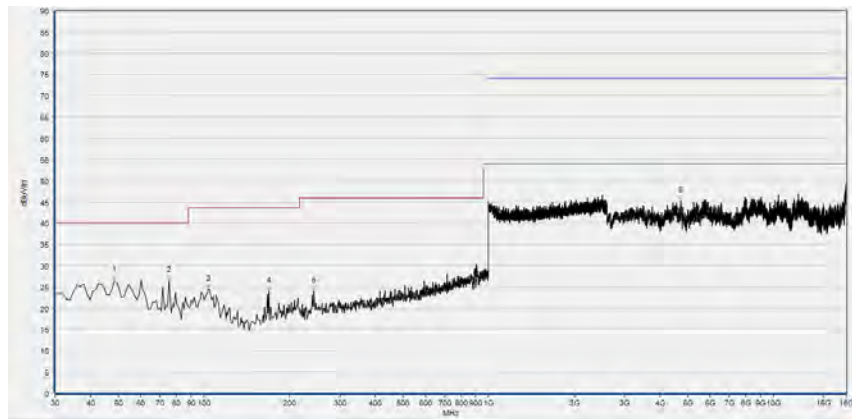


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
75.636	35.15	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
84.374	27.89	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
173.704	21.90	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
243.614	27.21	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
670.841	27.20	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
8952.230	47.50	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)

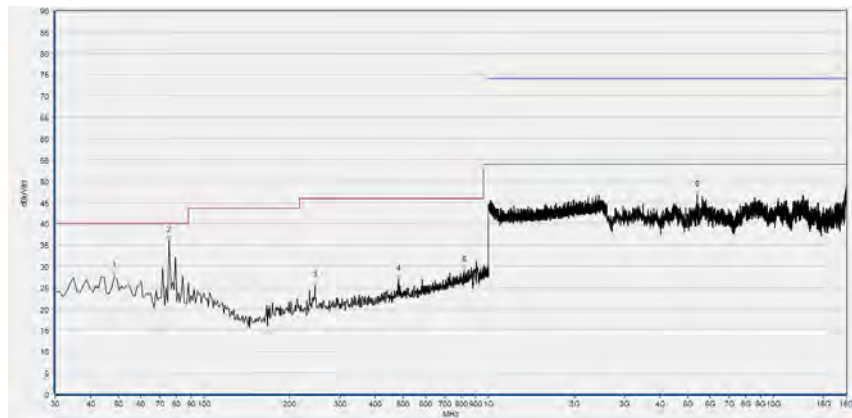


### Plot for Channel = 165



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
48.448	26.56	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
75.636	26.48	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
103.794	24.42	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
168.849	24.04	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
243.614	24.00	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4719.464	45.19	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 25GHz)



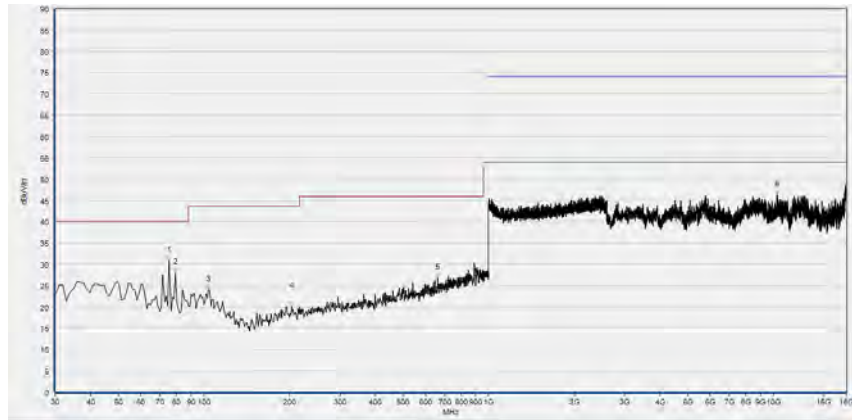
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
48.448	27.64	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
75.636	36.06	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
245.556	25.55	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
483.443	26.94	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
820.370	29.07	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5387.958	46.84	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)



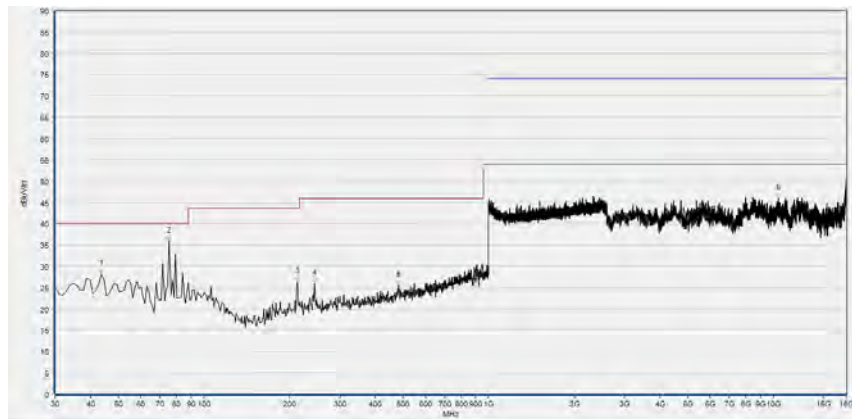
# 802.11ac (VHT40) Test mode

Plots for Channel = 38



Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
75.636	30.89	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
79.520	27.93	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
103.794	23.98	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
202.833	20.13	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
663.073	26.80	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
10273.815	46.24	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 25GHz)

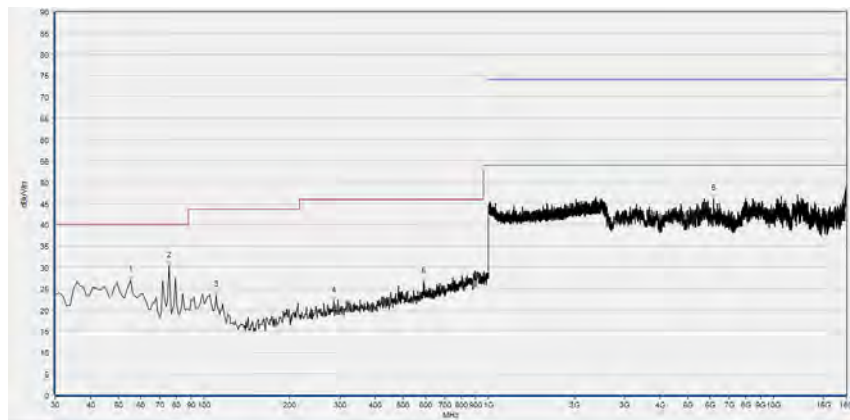


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
43.594	28.09	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
75.636	35.90	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
212.543	26.26	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
244.585	25.94	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
482.472	25.45	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
10397.039	45.96	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)

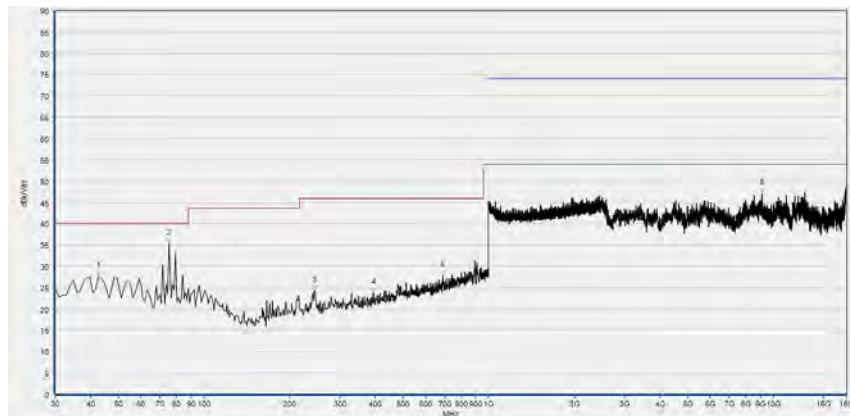


## Plot for Channel = 46



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	27.03	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
75.636	30.40	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
110.591	23.46	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
286.336	22.06	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
590.250	26.61	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
6151.950	46.08	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

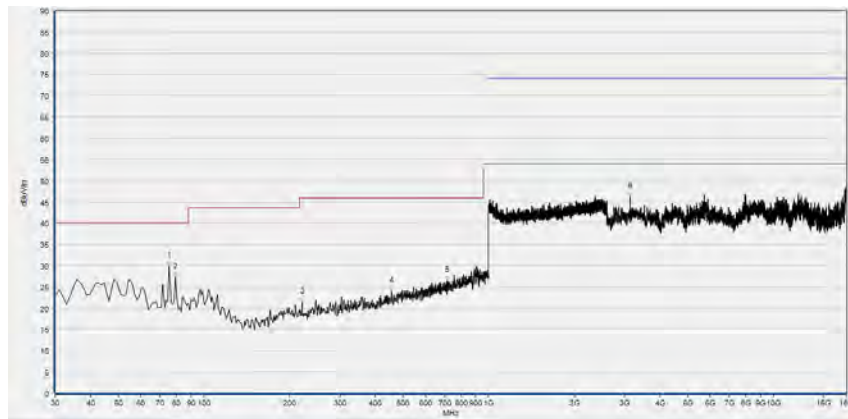
(Antenna Horizontal, 30MHz to 25GHz)



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
42.623	27.60	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
75.636	35.40	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
244.585	24.32	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
394.114	23.85	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
691.231	27.87	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
9109.342	47.17	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

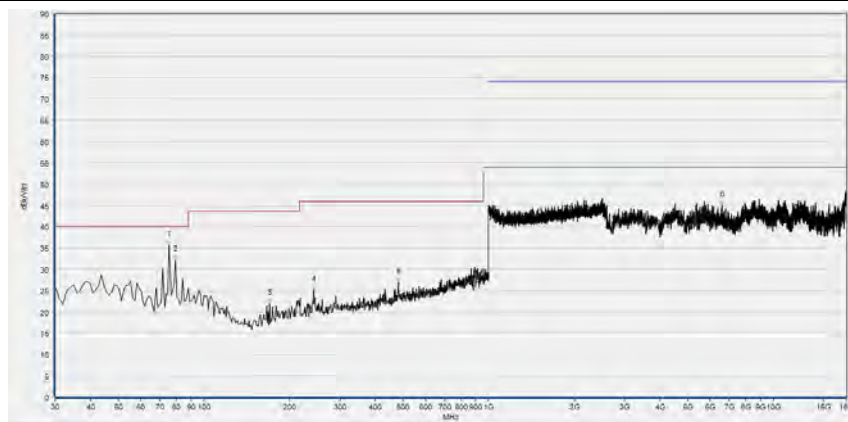
(Antenna Vertical, 30MHz to 25GHz)

### 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
75.636	29.81	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
79.520	27.29	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
221.281	21.38	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
456.256	23.90	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
715.506	26.47	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
3136.027	46.19	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 25GHz)

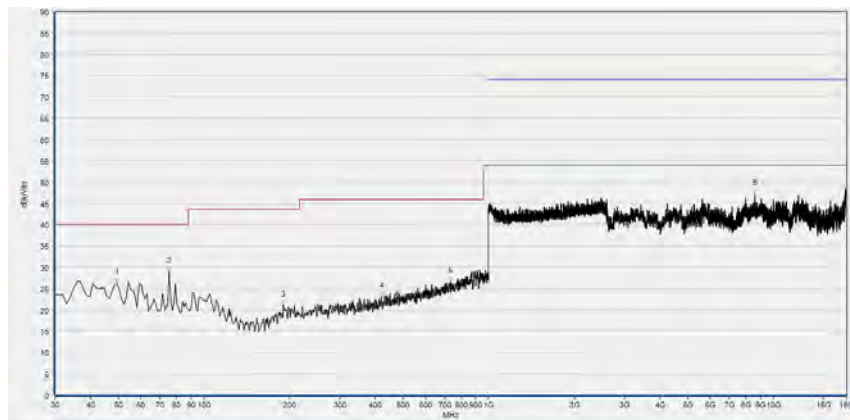


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
75.636	35.71	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
79.520	32.22	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
169.820	21.96	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
242.643	25.10	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
481.502	26.90	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
6589.398	45.16	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)

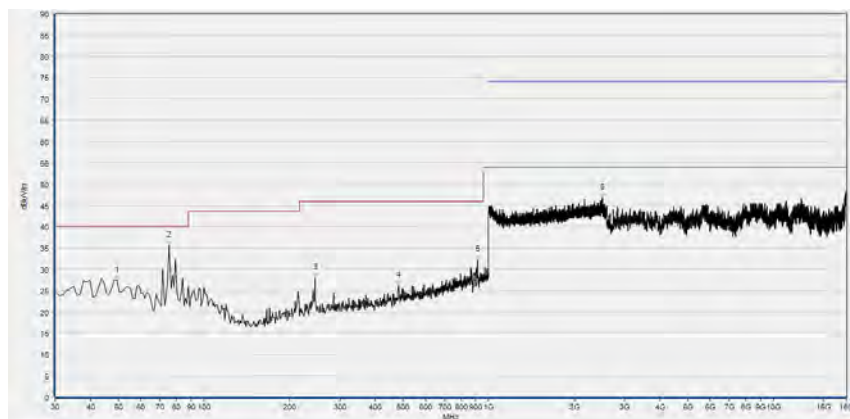


## Plot for Channel = 62



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
49.419	26.35	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
75.636	28.94	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
190.210	21.18	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
420.330	23.10	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
733.954	26.59	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
8604.121	47.28	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 25GHz)

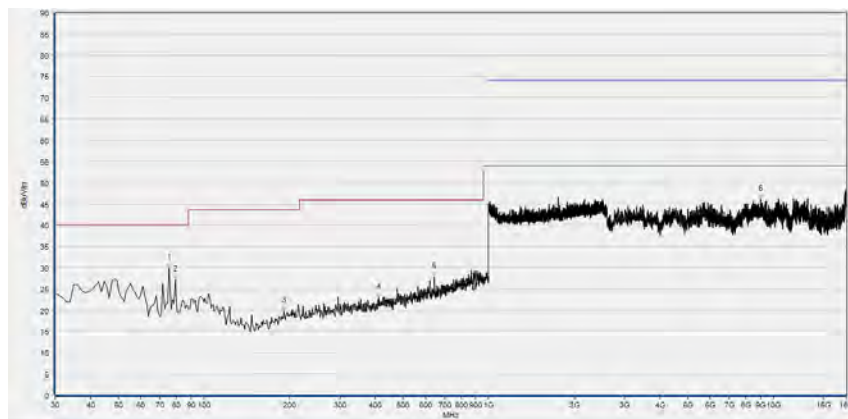


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
49.419	27.35	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
75.636	35.54	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
245.556	27.98	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
483.443	26.14	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
912.613	32.19	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2505.035	46.84	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)

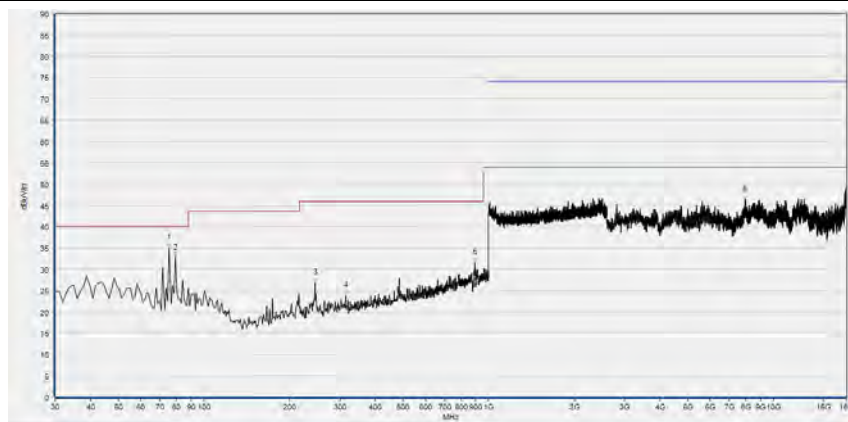


### Plots for Channel = 102



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
75.636	29.75	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
79.520	27.21	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
191.181	19.85	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
411.592	22.91	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
644.625	27.76	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
8989.198	46.02	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 25GHz)

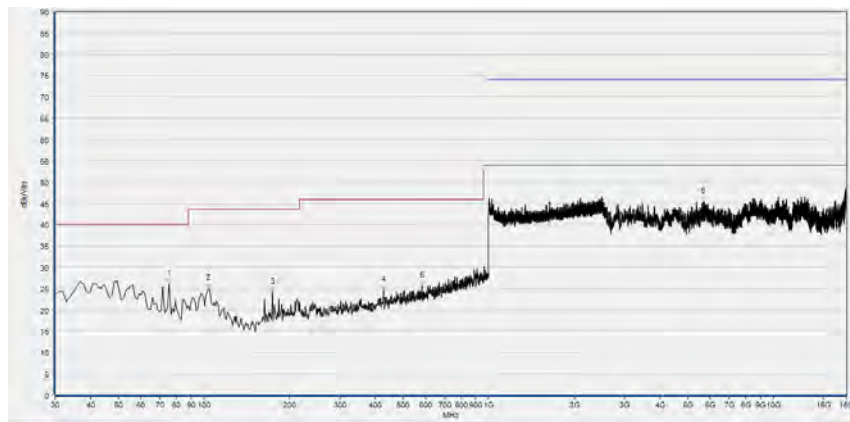


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
75.636	35.10	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
79.520	33.10	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
245.556	26.79	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
314.494	23.76	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
894.164	31.51	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
7963.353	46.18	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)

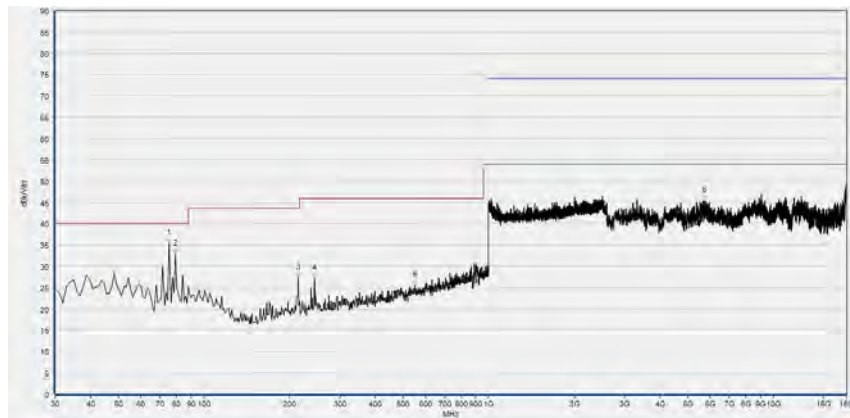


Plot for Channel = 126



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
75.636	26.23	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
103.794	24.90	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
173.704	24.08	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
427.127	24.64	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
582.482	25.64	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5637.487	45.46	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

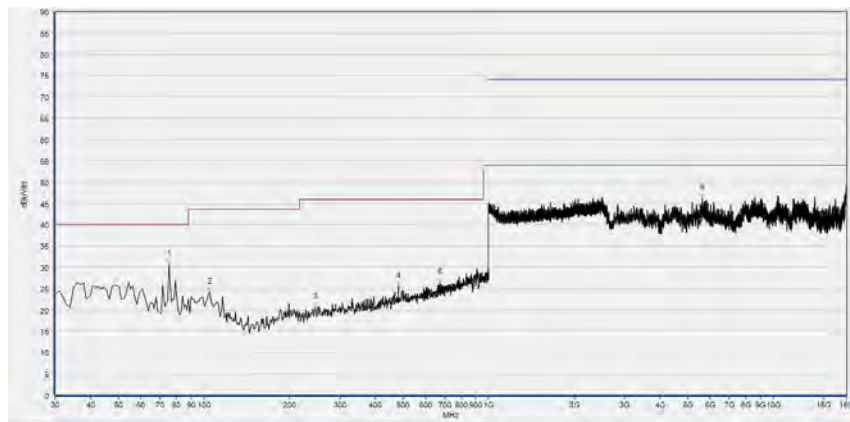
(Antenna Horizontal, 30MHz to 25GHz)



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
75.636	35.34	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
79.520	32.85	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
214.484	27.26	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
244.585	27.19	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
549.469	25.41	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5723.745	45.35	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

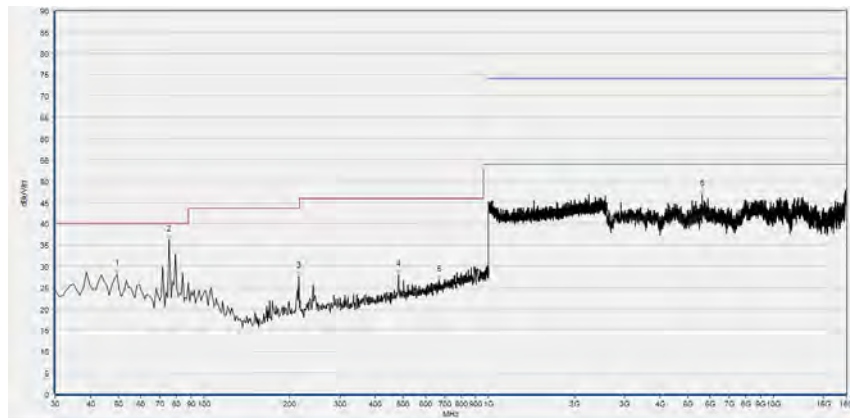
(Antenna Vertical, 30MHz to 25GHz)

### 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
75.636	30.67	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
104.765	24.19	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
246.527	20.67	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
481.502	25.40	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
672.783	26.32	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5634.407	46.30	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

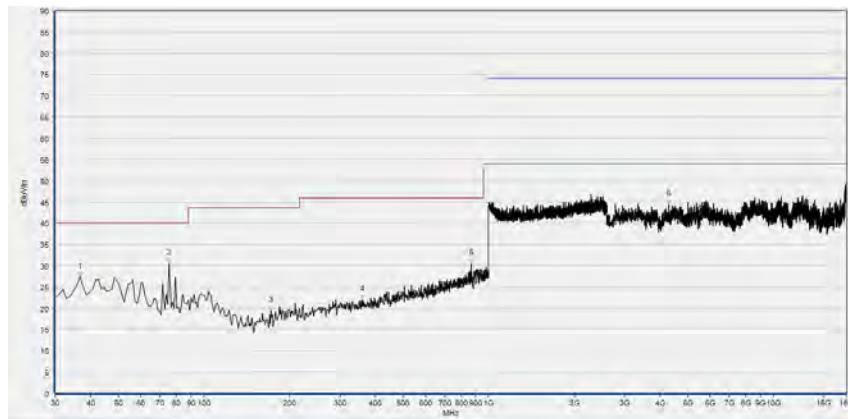
(Antenna Horizontal, 30MHz to 25GHz)



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	28.11	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
75.636	36.28	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
215.455	27.69	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
483.443	28.04	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
669.870	26.89	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5631.326	46.87	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

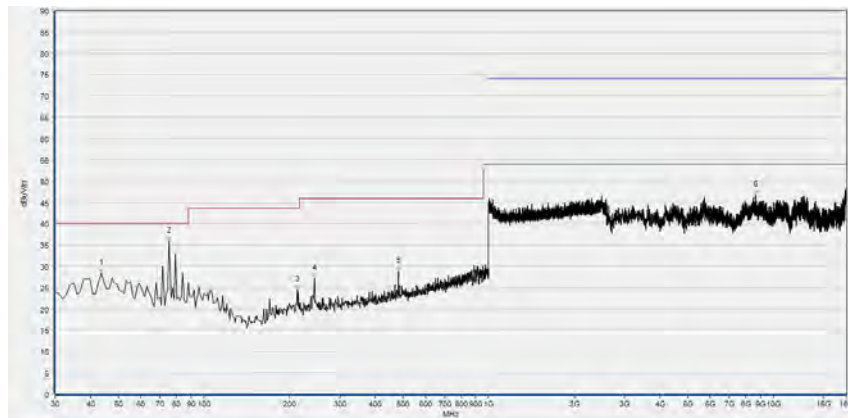
(Antenna Vertical, 30MHz to 25GHz)

### 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
36.797	27.31	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
75.636	30.44	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
171.762	19.43	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
359.159	22.00	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
870.861	30.59	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4278.936	44.36	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

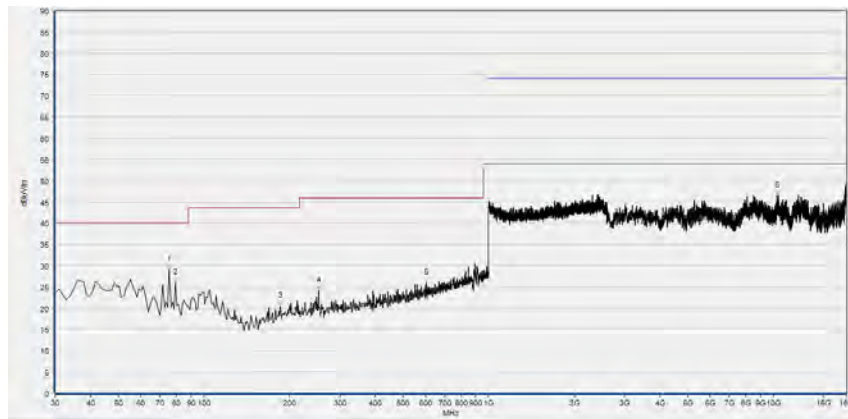
(Antenna Horizontal, 30MHz to 25GHz)



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	28.40	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
75.636	35.86	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
212.543	24.50	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
244.585	27.19	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
481.502	28.84	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
8665.733	46.77	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

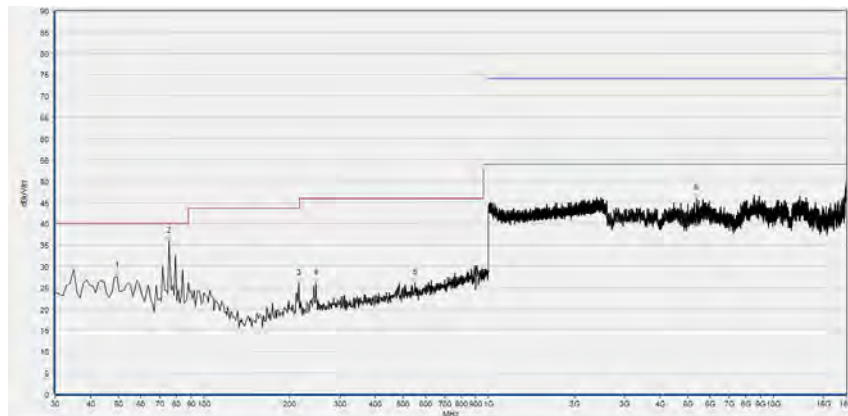
(Antenna Vertical, 30MHz to 25GHz)

### 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
75.636	29.07	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
79.520	26.00	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
185.355	20.45	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
252.352	24.21	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
604.815	25.95	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
10286.137	46.39	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 25GHz)



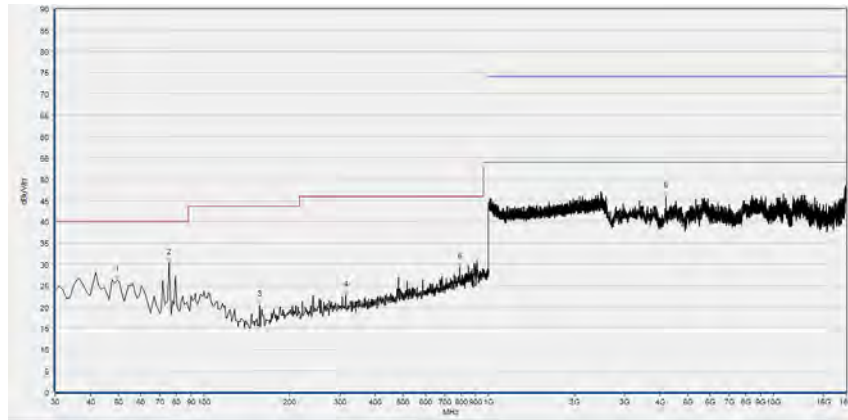
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
49.419	27.60	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
75.636	35.81	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
215.455	26.03	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
247.497	25.96	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
550.440	26.20	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5366.393	45.87	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)



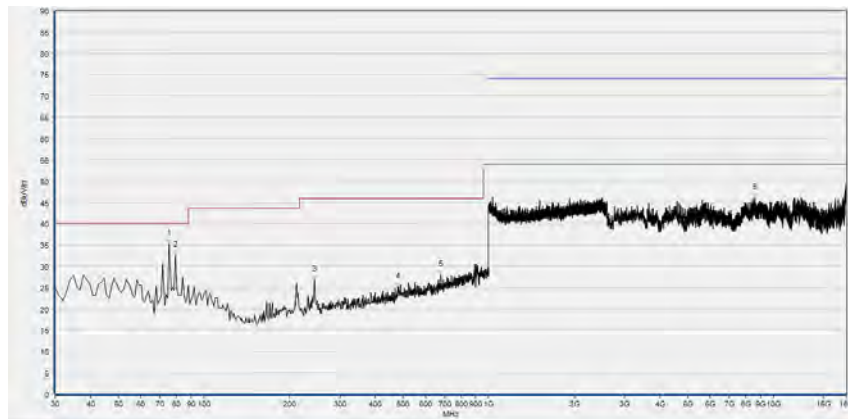
**802.11ac (VHT80) Test mode**

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
49.419	26.27	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
75.636	30.29	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
157.197	20.47	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
314.494	22.79	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
790.270	29.29	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4198.840	45.94	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 25GHz)

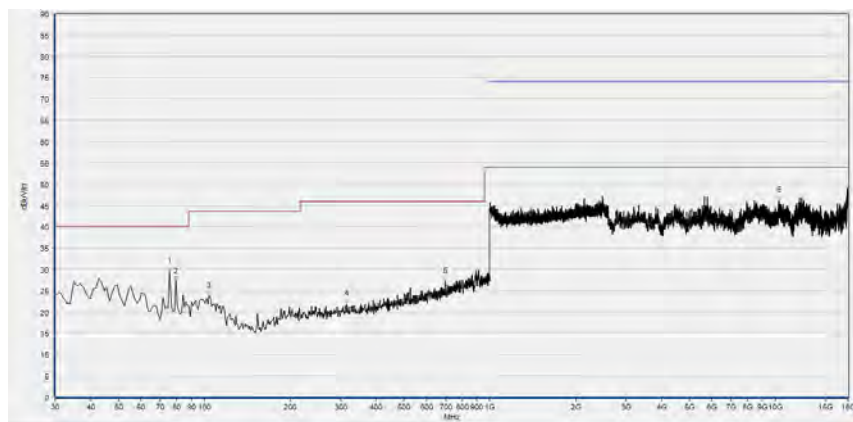


Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
75.636	35.26	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
79.520	32.53	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
244.585	26.78	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
479.560	25.16	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
679.580	27.96	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
8619.524	46.12	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)

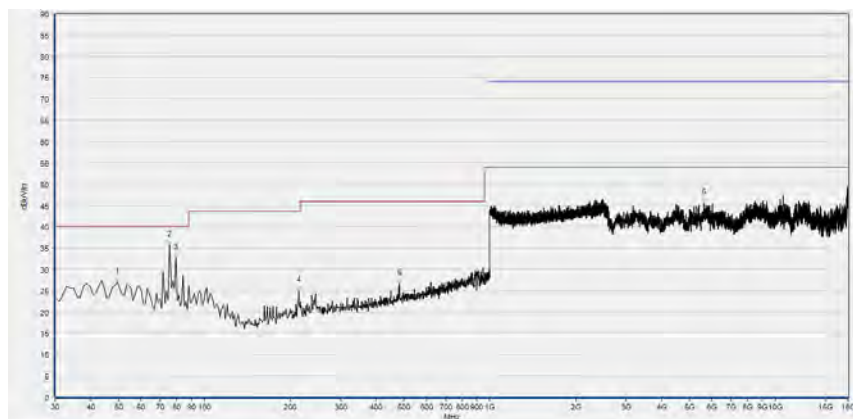


## Plot for Channel = 58



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
75.636	29.47	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
79.520	27.29	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
103.794	23.62	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
315.465	21.86	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
697.057	27.09	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
10320.024	46.03	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

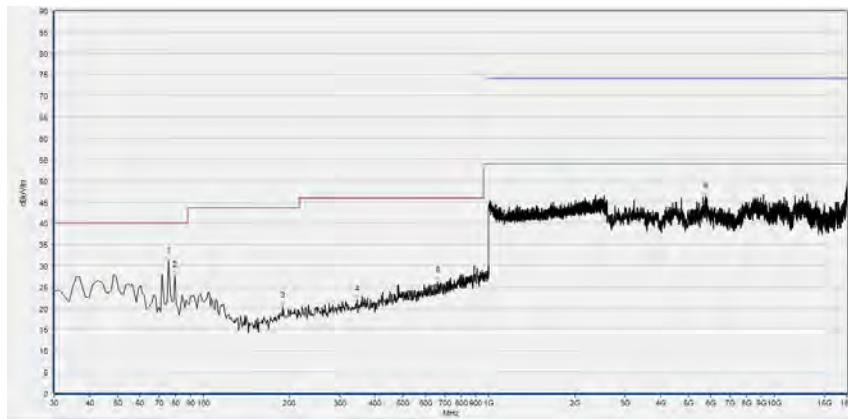
(Antenna Horizontal, 30MHz to 25GHz)



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	26.90	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
75.636	35.67	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
79.520	32.68	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
214.484	24.91	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
482.472	26.72	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5631.326	45.57	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

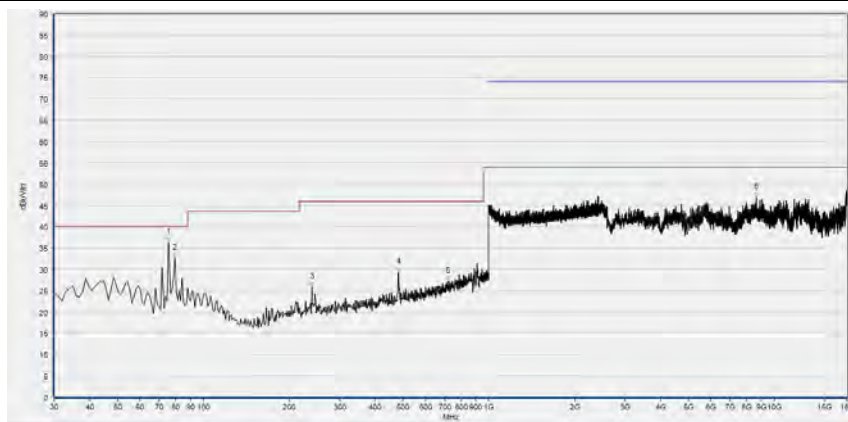
(Antenna Vertical, 30MHz to 25GHz)

### 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
75.636	31.03	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
79.520	27.58	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
189.239	20.38	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
345.566	22.02	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
664.044	26.40	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5766.873	46.17	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

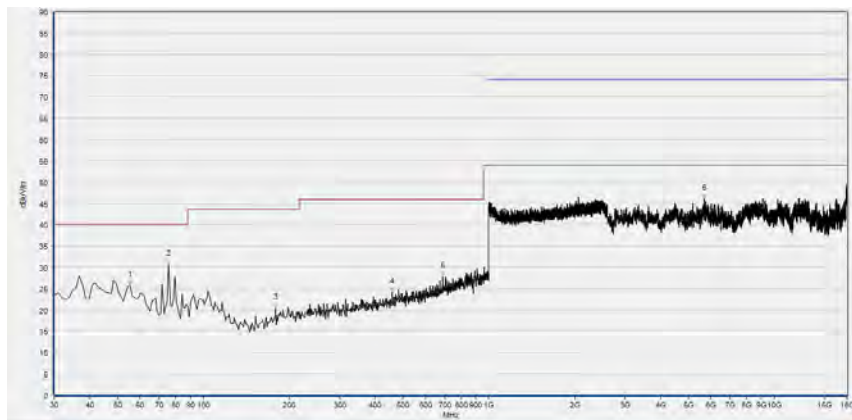
(Antenna Horizontal, 30MHz to 25GHz)



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
75.636	36.36	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
79.520	32.56	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
239.730	25.77	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
483.443	29.40	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
716.476	27.17	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
8650.330	46.84	N/A	N/A	68.23	N/A	54.00	Vertical	PASS

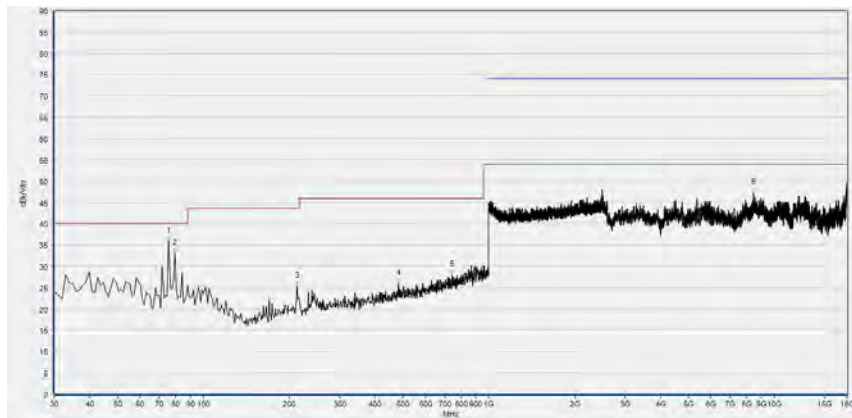
(Antenna Vertical, 30MHz to 25GHz)

### 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	25.87	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
75.636	30.60	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
178.559	20.43	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
459.169	24.06	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
688.318	27.77	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5699.100	46.09	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

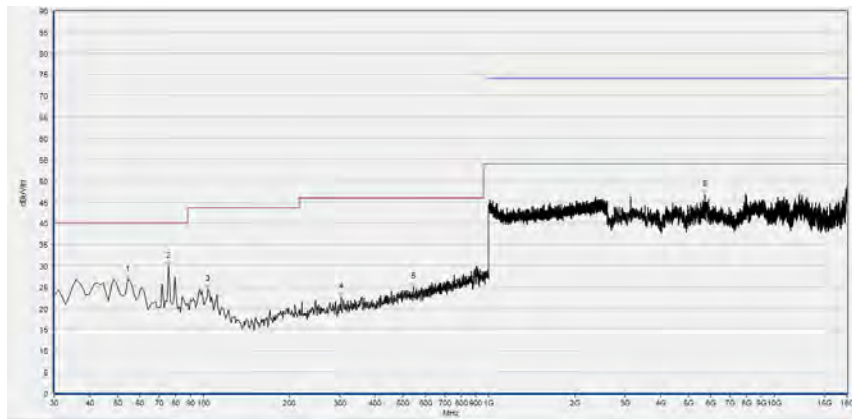
(Antenna Horizontal, 30MHz to 25GHz)



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
75.636	35.88	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
79.520	33.09	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
212.543	25.32	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
481.502	25.97	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
743.664	27.94	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
8447.009	47.33	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

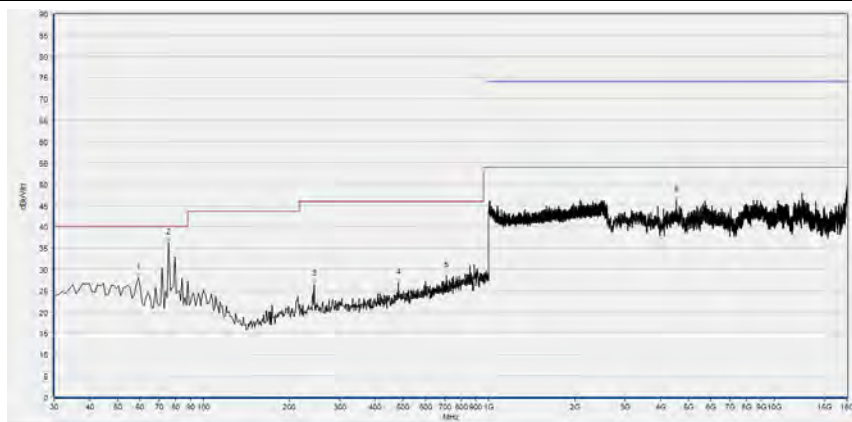
(Antenna Vertical, 30MHz to 25GHz)

### 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
54.274	26.63	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
75.636	29.81	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
103.794	24.40	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
303.814	22.68	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
545.586	24.98	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5717.584	46.77	N/A	N/A	68.23	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 25GHz)



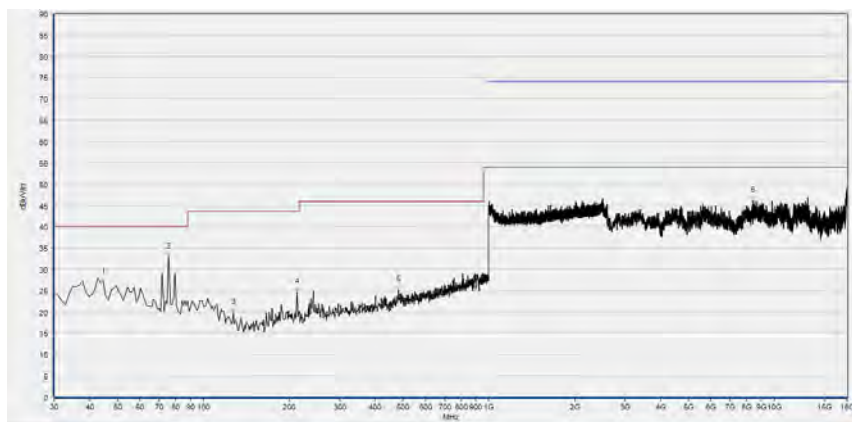
Fre. (MHz)	Pk (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
59.129	27.91	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
75.636	36.16	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
244.585	26.54	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
481.502	26.86	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
711.622	28.45	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4550.030	46.18	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 25GHz)



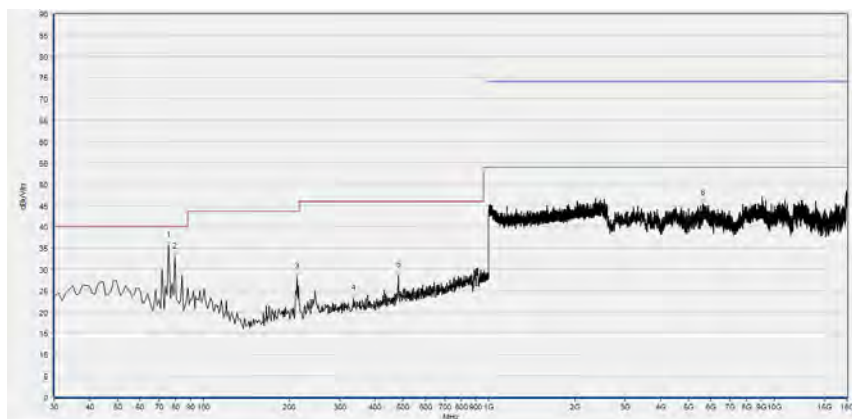


## Plot for Channel = 155



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
44.565	26.97	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
75.636	32.81	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
127.097	19.76	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
212.543	24.64	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
482.472	25.07	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
8431.606	46.01	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
75.636	35.51	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
79.520	32.90	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
212.543	28.18	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
334.885	23.08	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
482.472	28.57	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5625.165	45.37	N/A	N/A	68.23	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	$\pm 2.22\text{dB}$
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>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	2018.04.17	2019.04.16
EXA Signal Analyzer	MY53470836	N9010A	Agilent	2018.11.06	2019.11.05
USB Wideband Power Sensor	MY54210011	U2021XA	Agilent	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
Temperature Chamber	(N/A)	HUT705P	CHONGQING HANBA EXPERIMENTAL EQUIPMENT CO.,LTD	2018.04.17	2019.04.16
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	2018.05.08	2019.05.07
LISN	812744	NSLK 8127	Schwarzbeck	2018.05.08	2019.05.07
Pulse Limiter (20dB)	9391	VTSD 9561-D	Schwarzbeck	2018.05.08	2019.05.07
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**

<b>Equipment Name</b>	<b>Serial No.</b>	<b>Type</b>	<b>Manufacturer</b>	<b>Cal. Date</b>	<b>Cal. Due</b>
Receiver	MY54130016	N9038A	Agilent	2018.08.04	2019.08.03
Test Antenna - Bi-Log	9163-519	VULB 9163	Schwarzbeck	2018.05.18	2019.05.17
Test Antenna - Horn	9170C-531	BBHA9170	Schwarzbeck	2018.03.03	2019.03.02
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	2018.05.08	2019.05.07
18-26.5GHz pre-Amplifier	MA03	TS-PR18	Rohde& Schwarz	2018.05.08	2019.05.07
26GHz -40GHz pre-Amplifier	MA05	BBV9721	Rohde& Schwarz	2018.05.08	2019.05.07
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





REPORT No.: SZ18090338W03

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

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