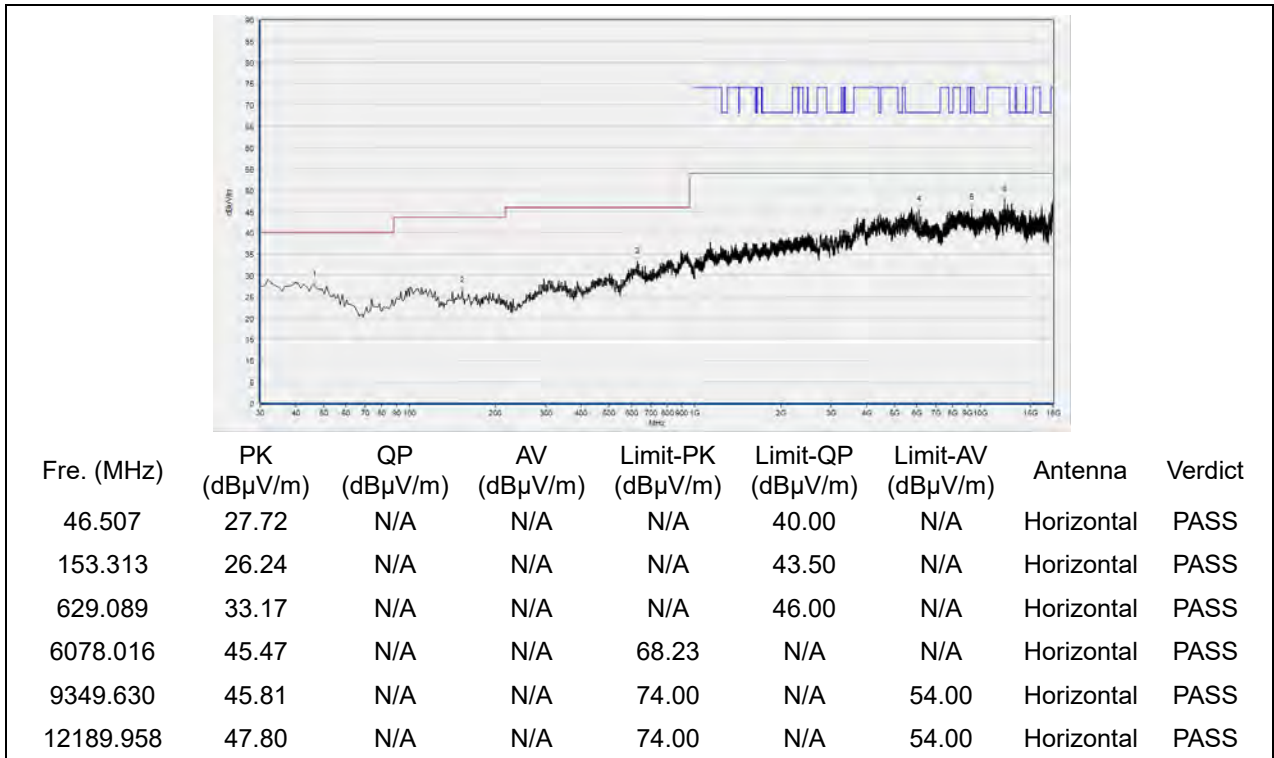


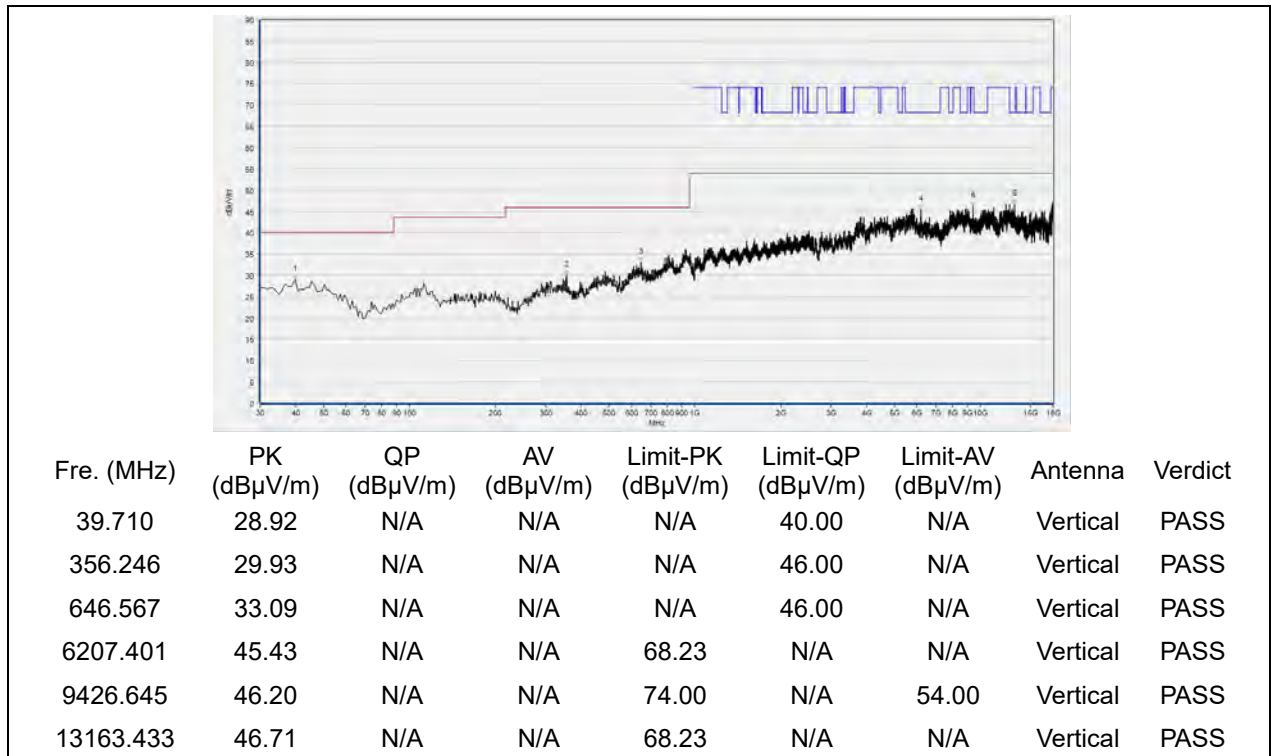


802.11n (HT40) mode

Plot for Channel 38

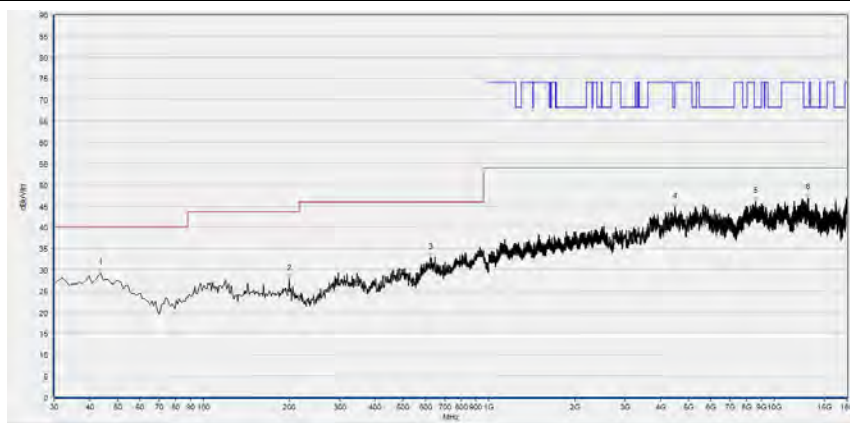


(Antenna Horizontal, 30MHz to 18GHz)



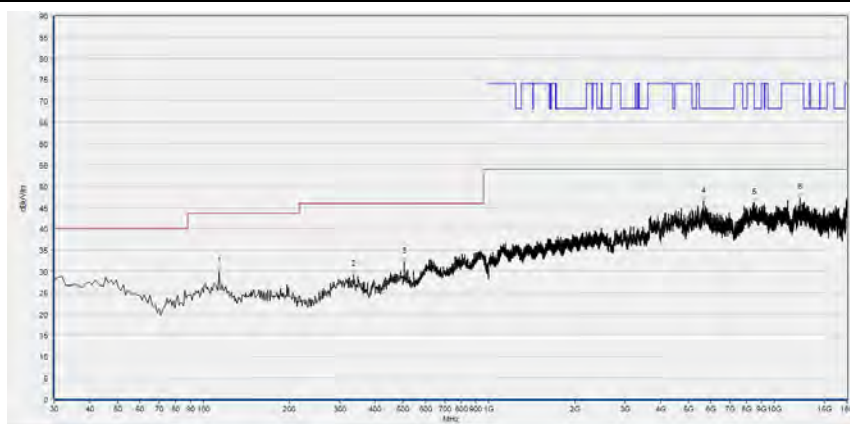
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 46



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

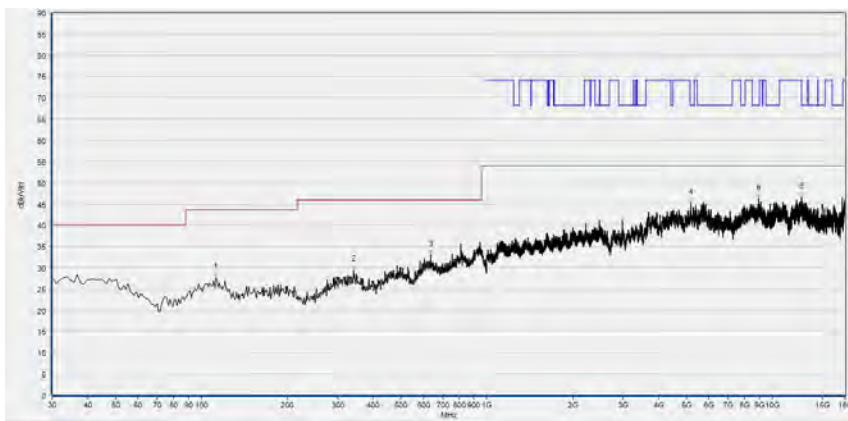
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
113.504	30.03	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
335.856	29.24	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
504.805	32.13	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5655.971	46.39	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8508.622	46.03	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12276.215	47.19	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

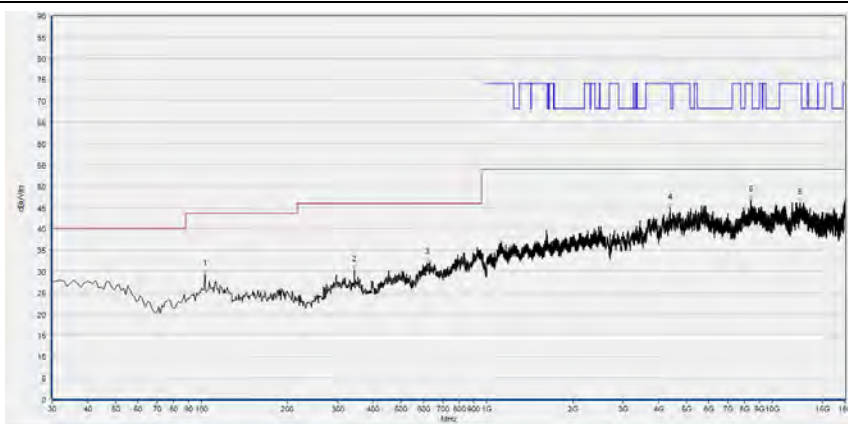
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 54



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
112.533	27.65	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
340.711	29.57	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
635.886	33.05	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5184.637	45.33	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8983.037	46.25	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12701.340	46.57	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

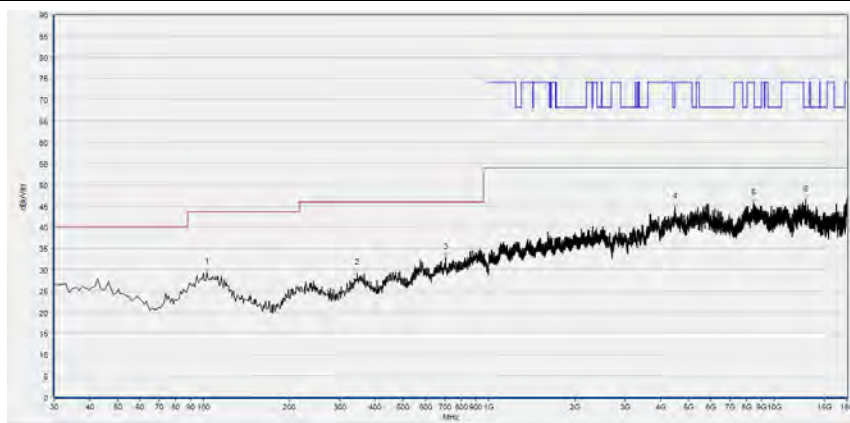
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
102.823	29.36	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
343.624	30.31	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
616.466	32.04	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4395.999	44.86	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8431.606	46.76	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12507.261	46.14	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

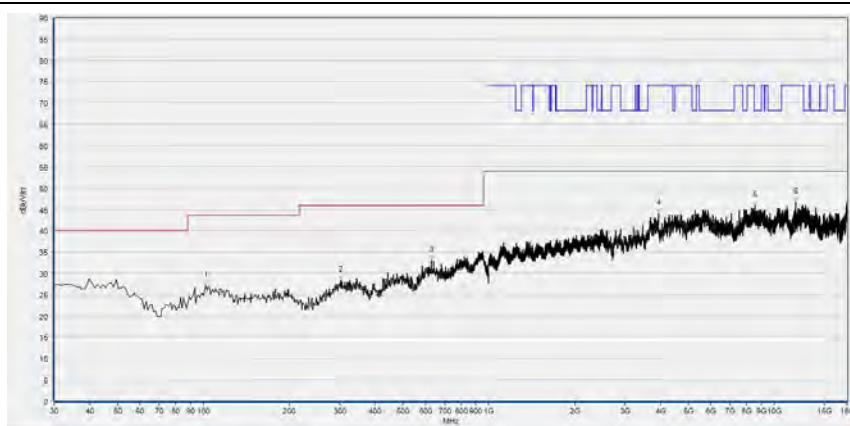
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 62



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
102.823	29.34	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
345.566	29.19	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
706.767	32.89	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4494.579	44.73	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8450.090	45.65	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12895.419	46.38	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

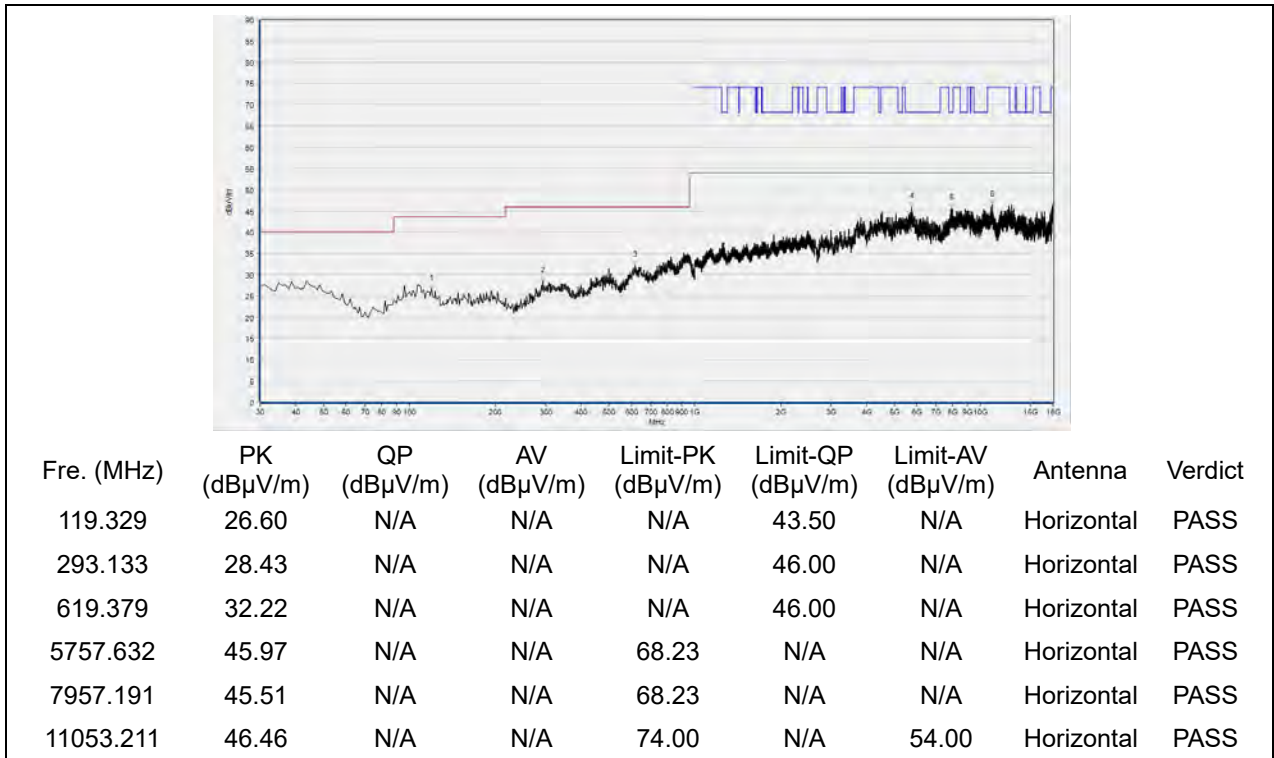
(Antenna Horizontal, 30MHz to 18GHz)



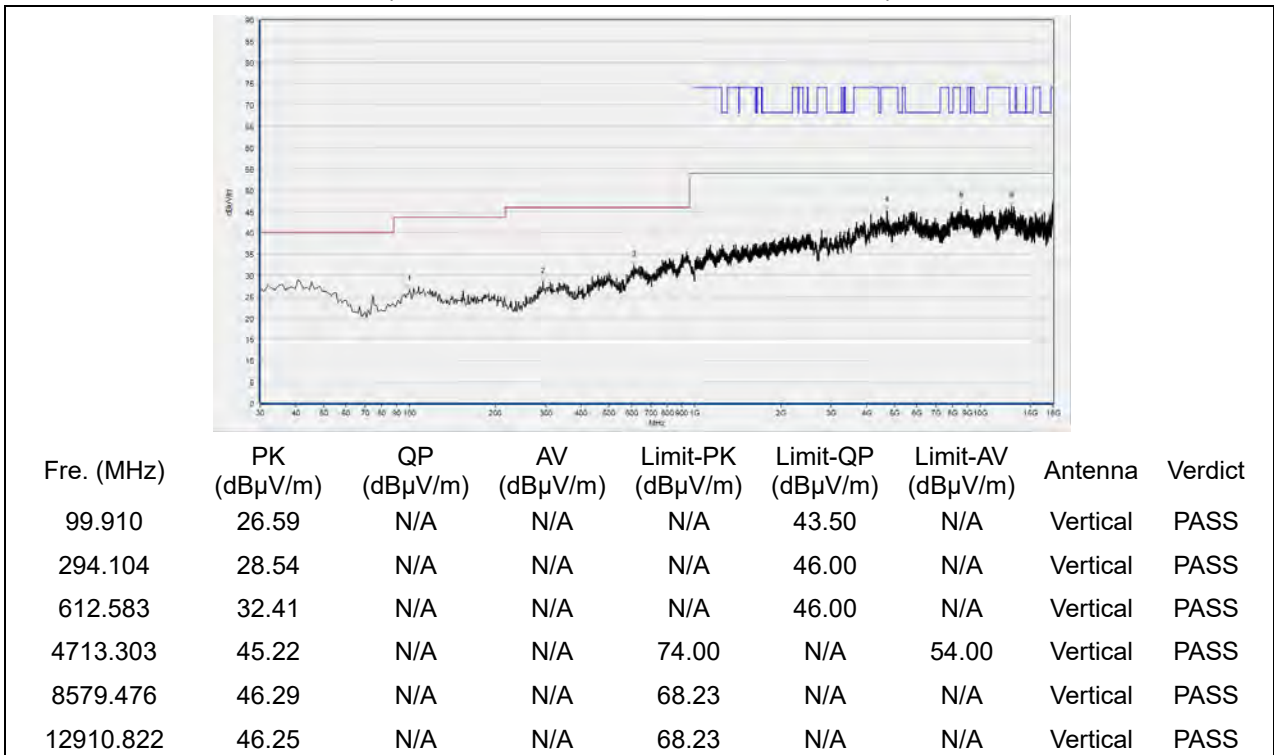
Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
101.852	27.17	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
302.843	28.24	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
629.089	32.99	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
3927.746	44.08	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8542.509	45.98	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11854.171	46.73	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 102

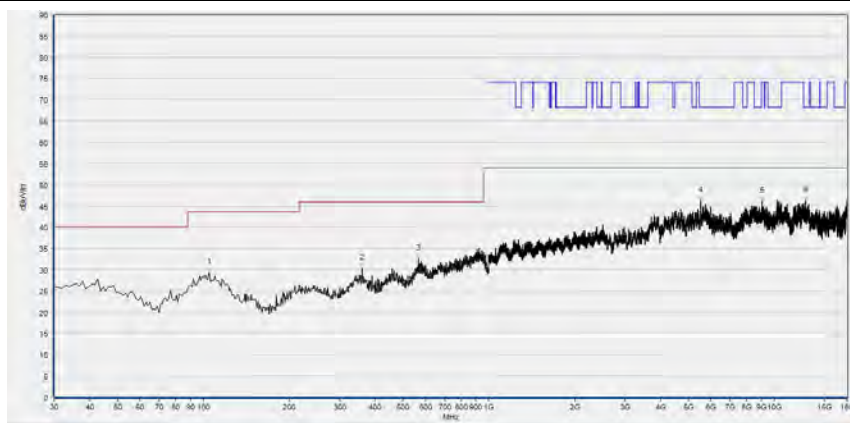


(Antenna Horizontal, 30MHz to 18GHz)



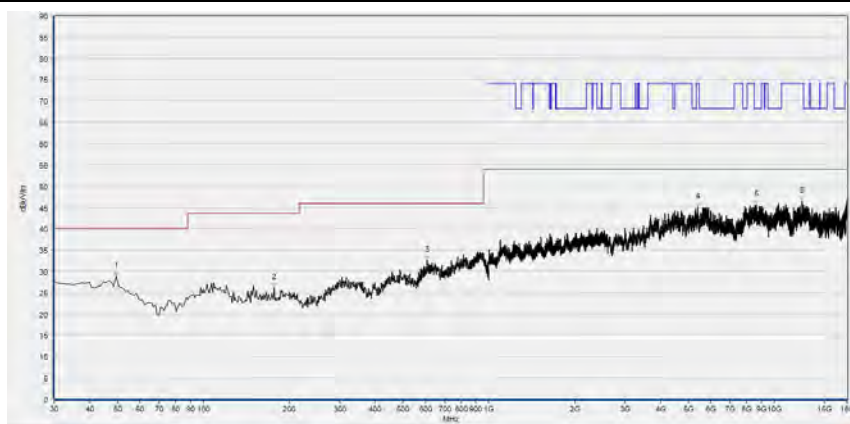
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 126



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
104.765	29.30	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
360.130	30.32	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
565.976	32.54	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5517.343	46.31	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
9081.616	46.02	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12892.338	46.25	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

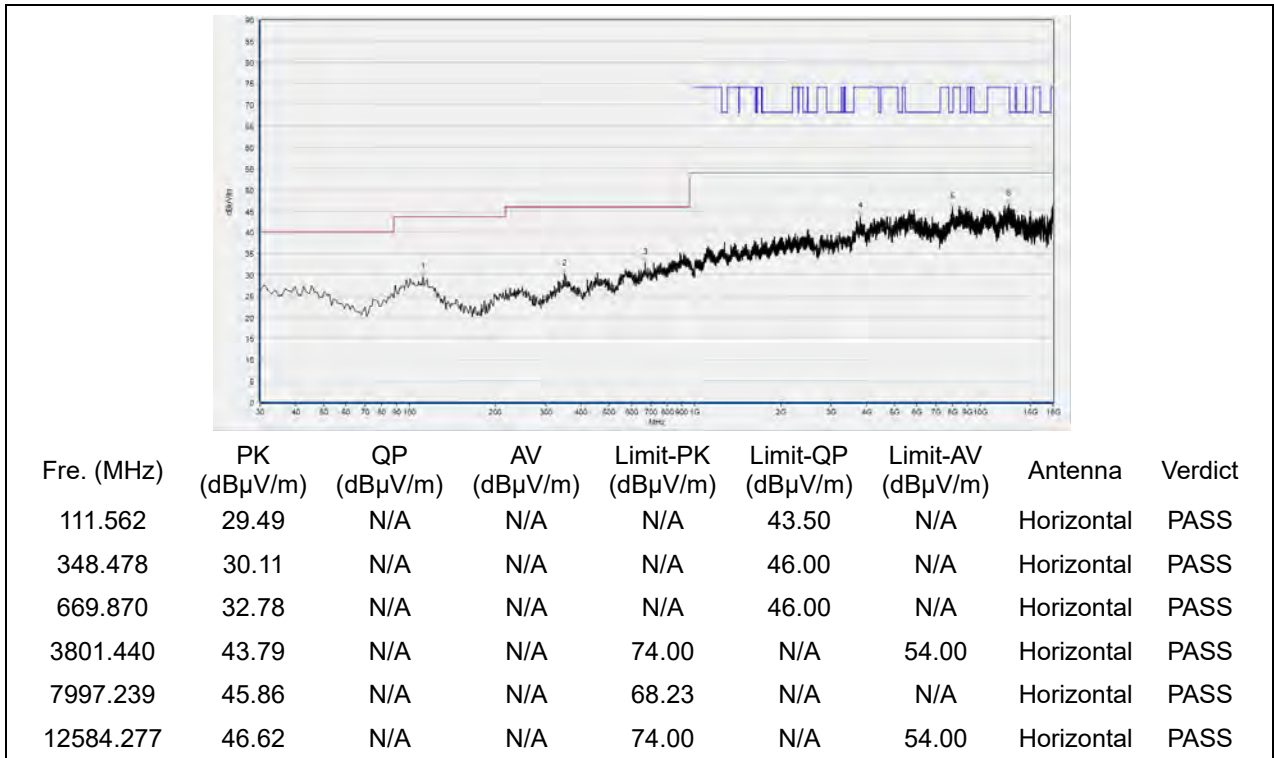
(Antenna Horizontal, 30MHz to 18GHz)



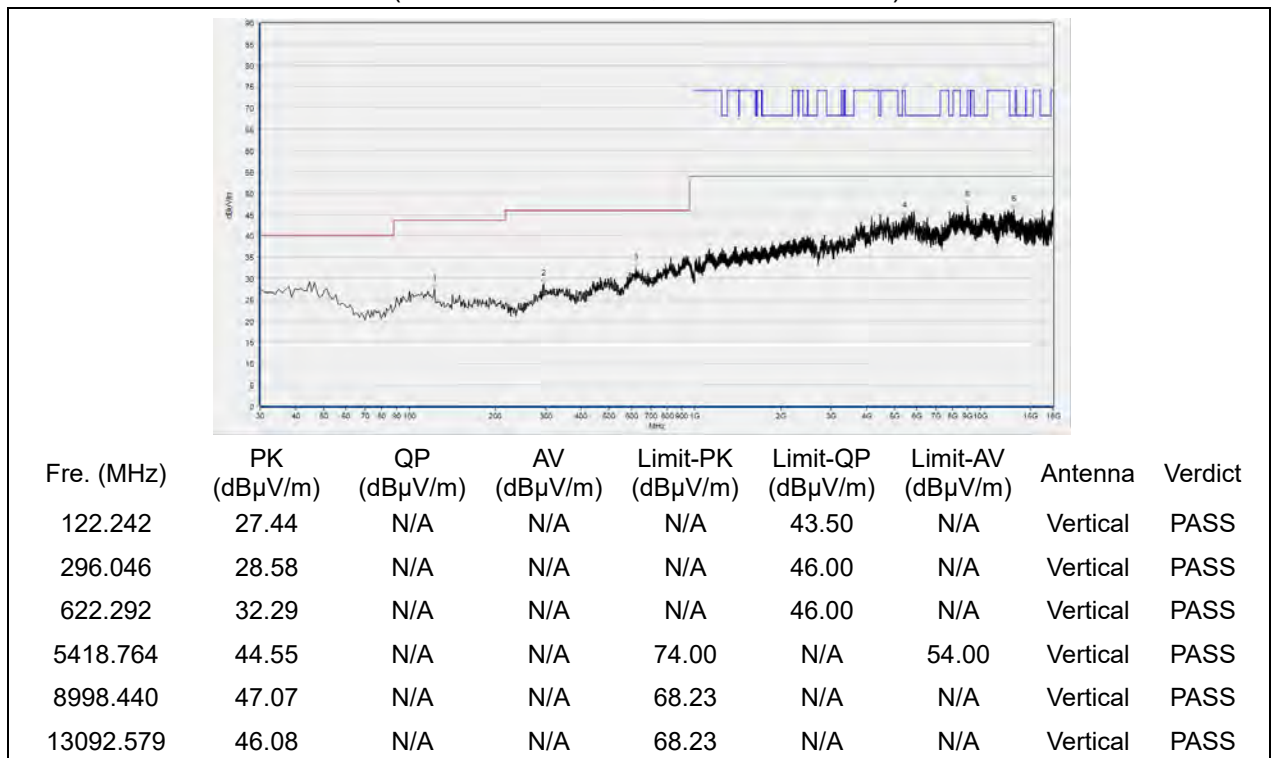
Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
49.419	28.82	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
176.617	26.08	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
607.728	32.55	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5400.280	45.08	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8653.411	45.57	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12541.148	46.38	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 142

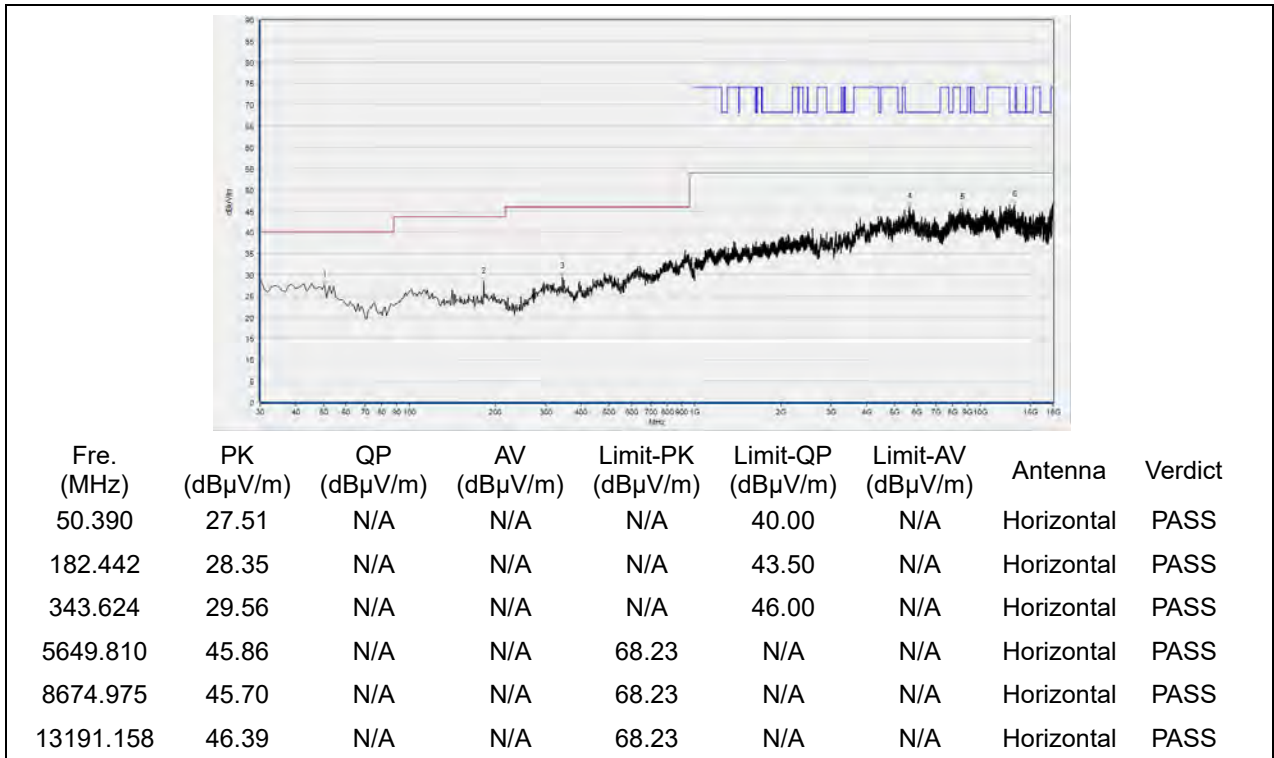


(Antenna Horizontal, 30MHz to 18GHz)

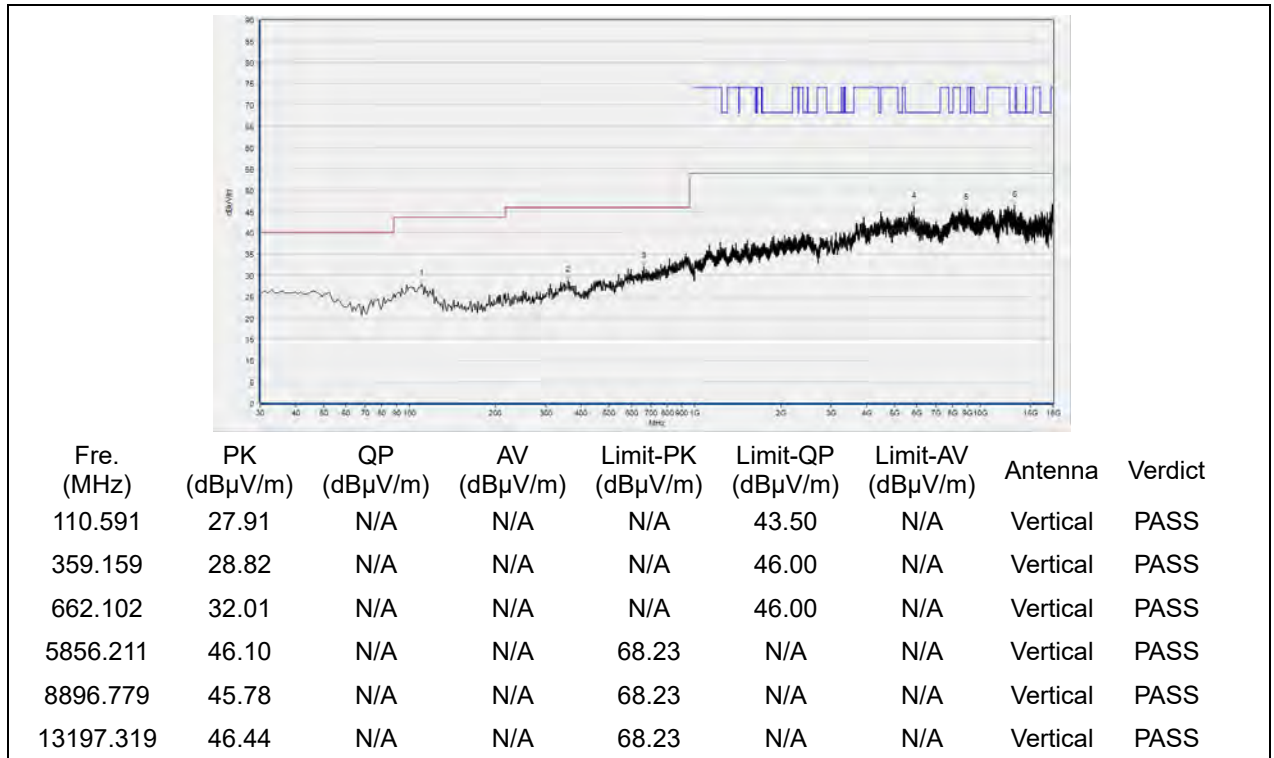


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 151

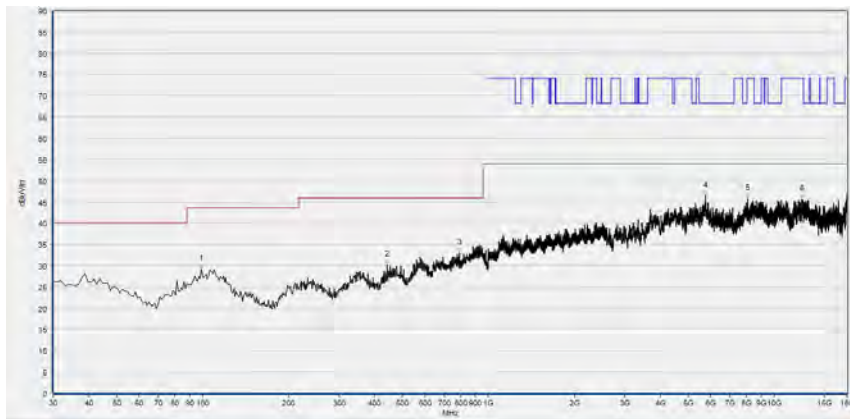


(Antenna Horizontal, 30MHz to 18GHz)



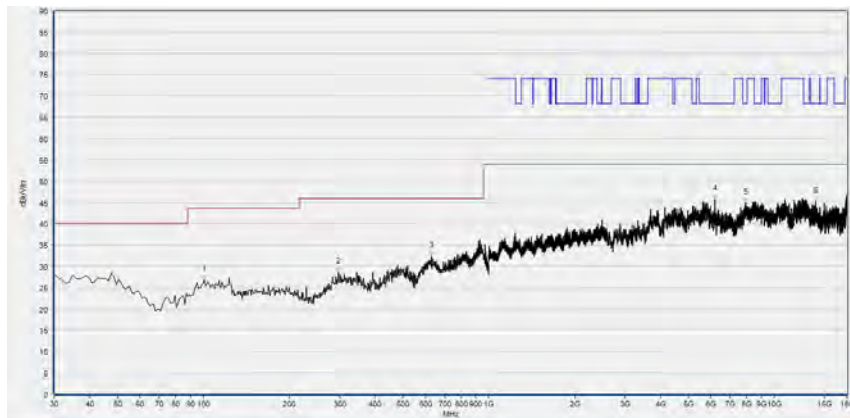
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 159



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

(Antenna Horizontal, 30MHz to 18GHz)



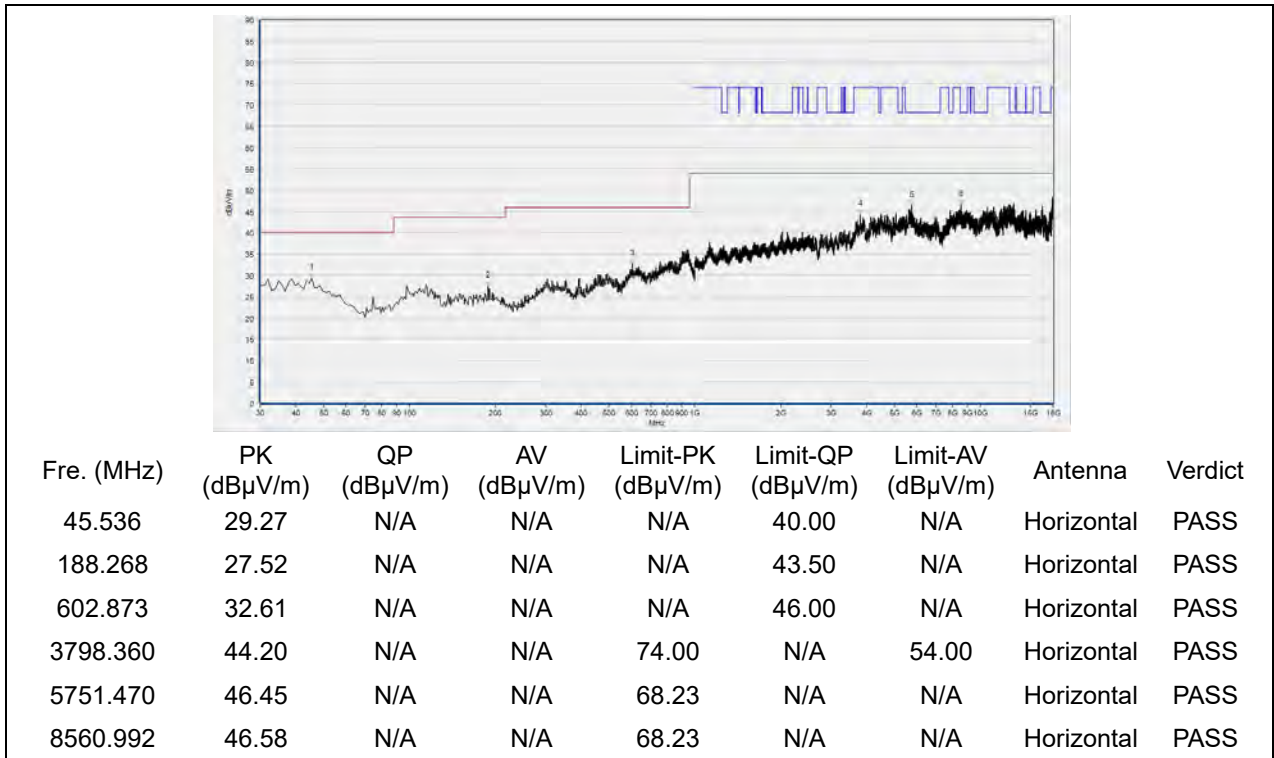
Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
100.881	26.89	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
297.017	28.62	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
629.089	32.27	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
6201.240	45.70	N/A	N/A	68.23	N/A	N/A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

(Antenna Vertical, 30MHz to 18GHz)

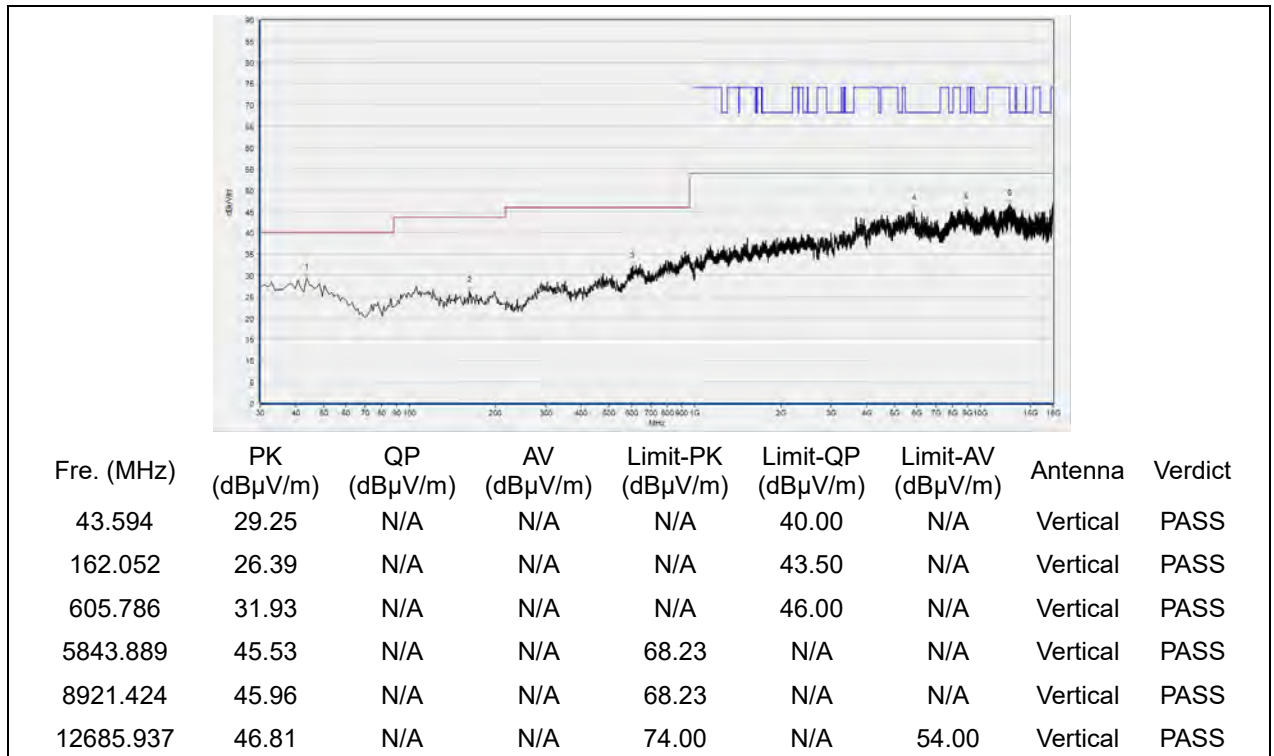


802.11ac (VHT80) Mode

Plot for Channel 42

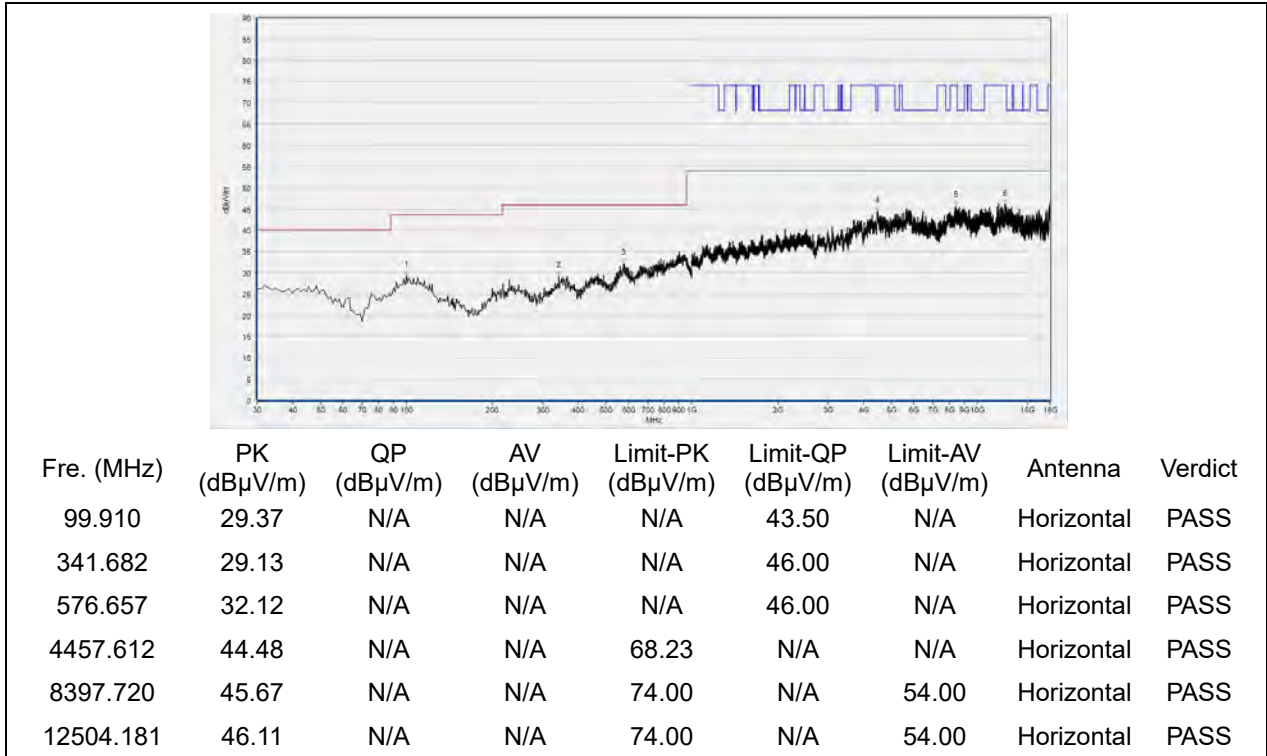


(Antenna Horizontal, 30MHz to 18GHz)

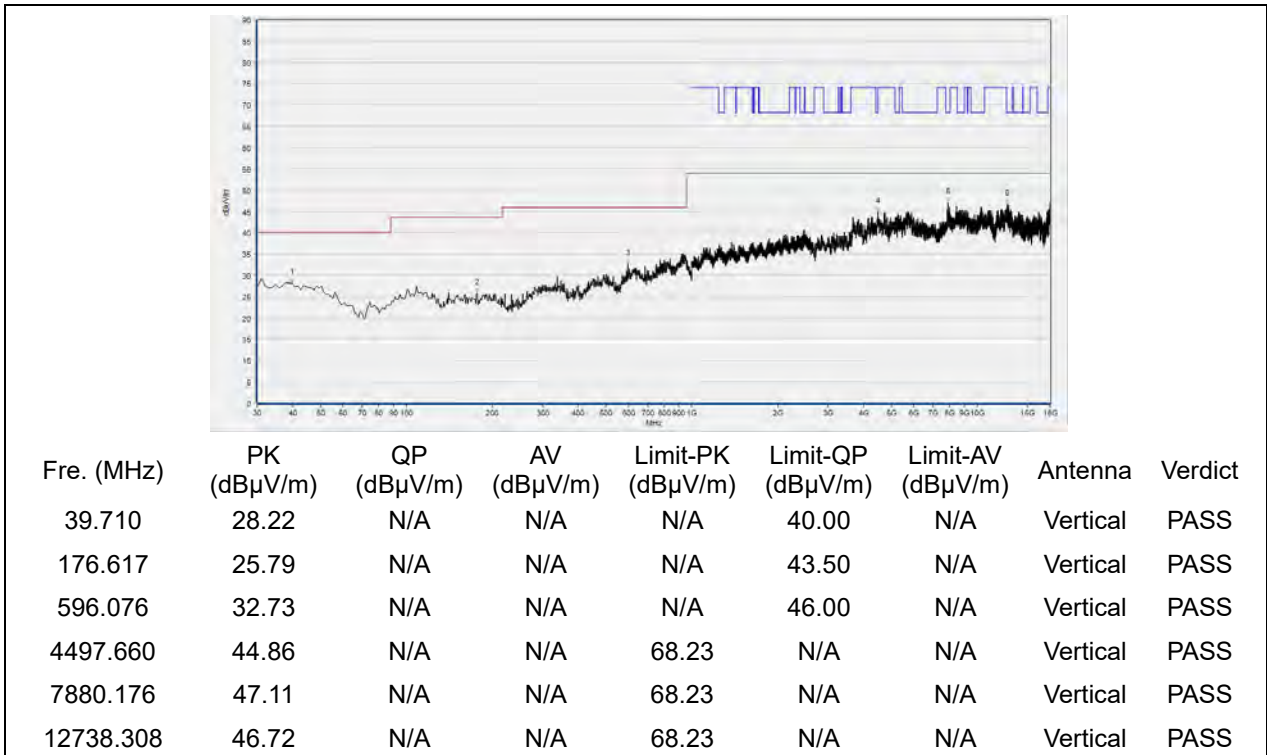


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 58

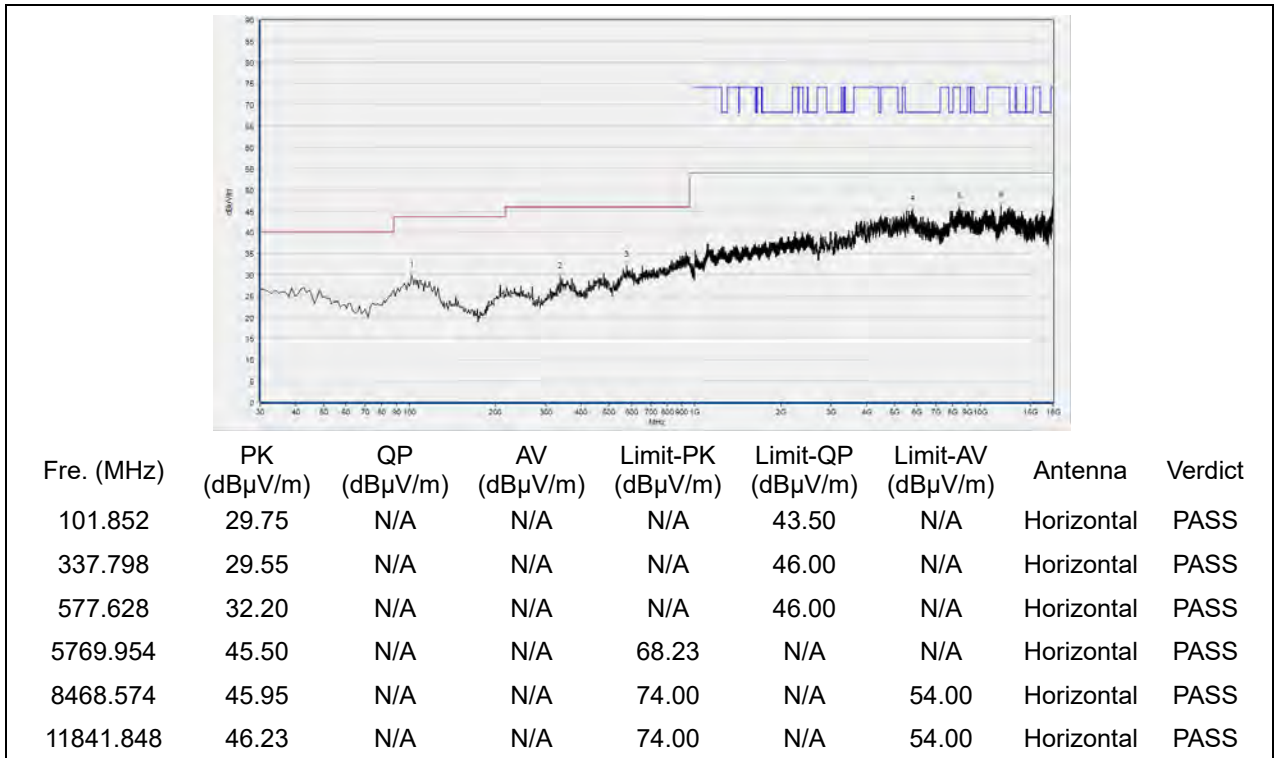


(Antenna Horizontal, 30MHz to 18GHz)

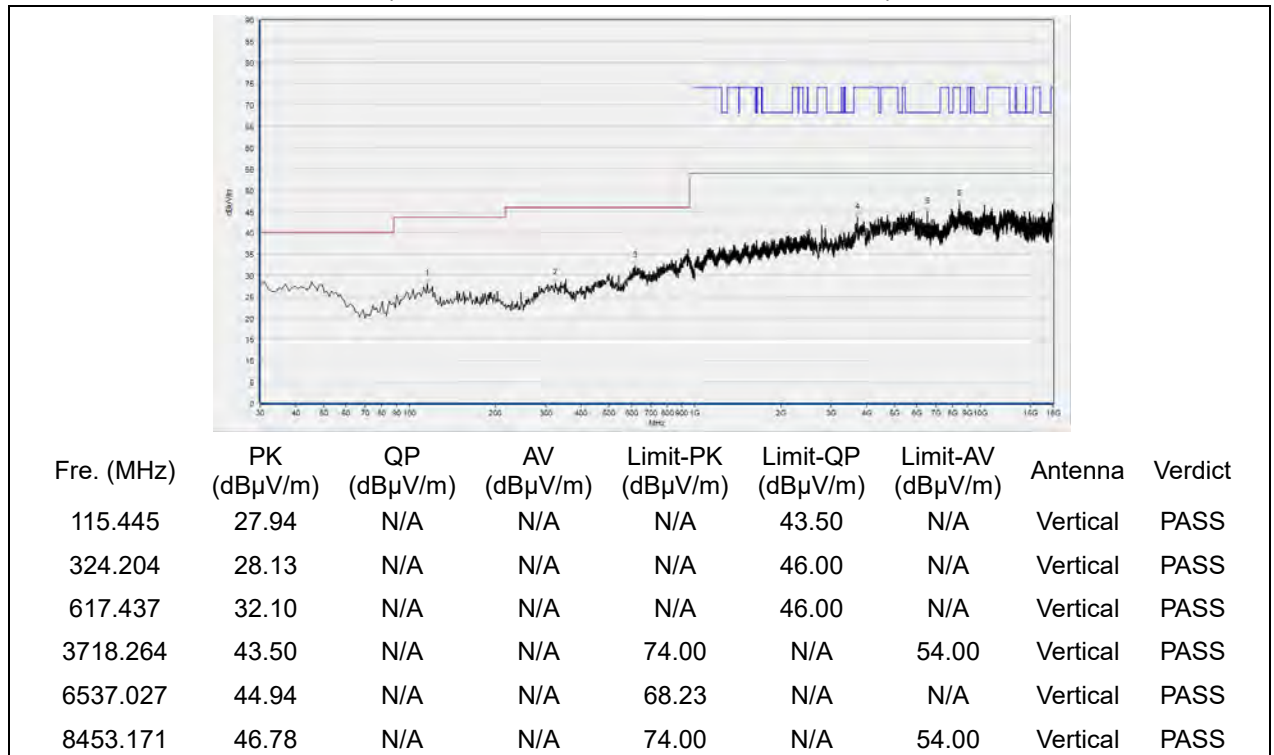


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 106

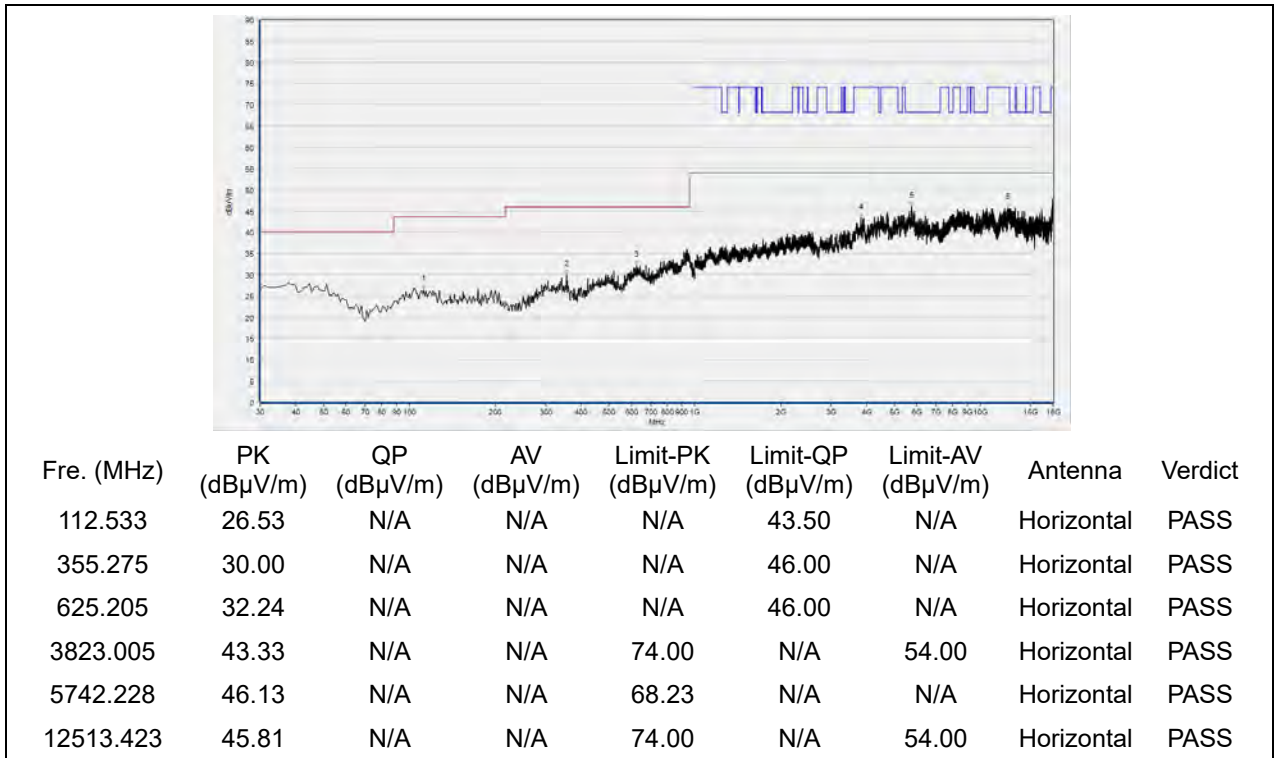


(Antenna Horizontal, 30MHz to 18GHz)

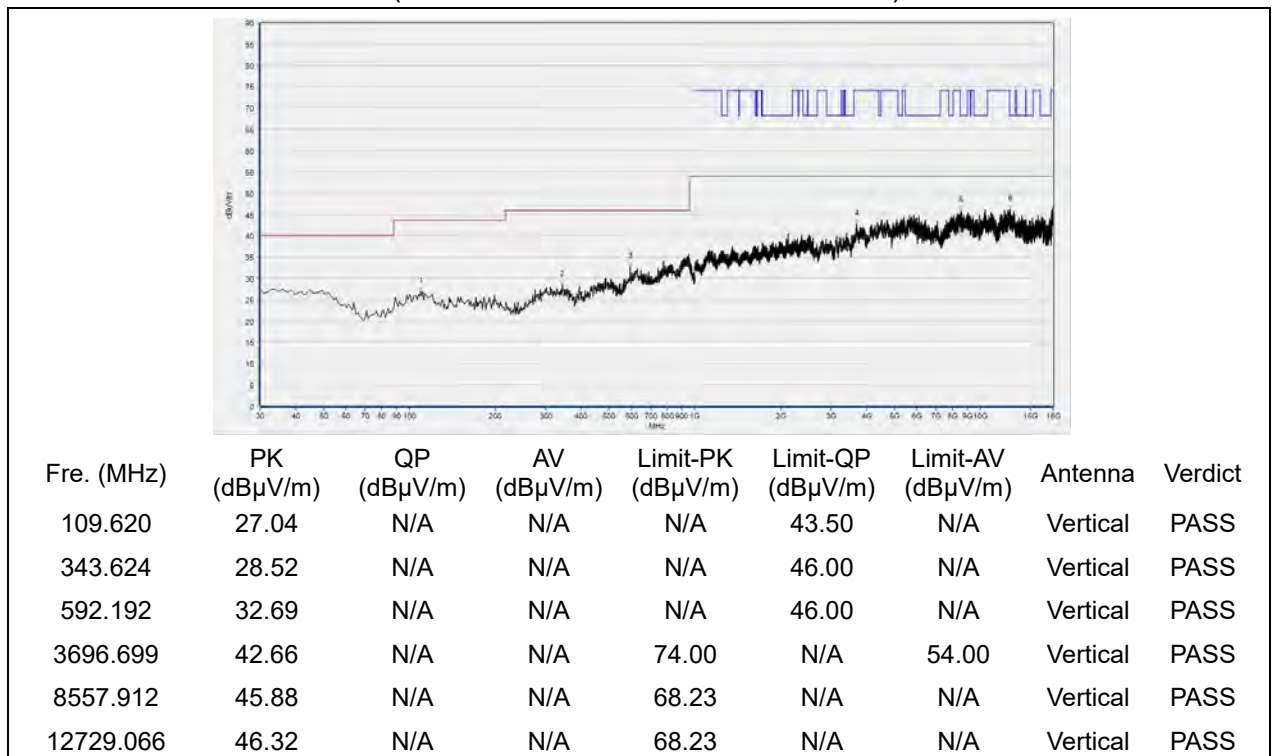


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 122

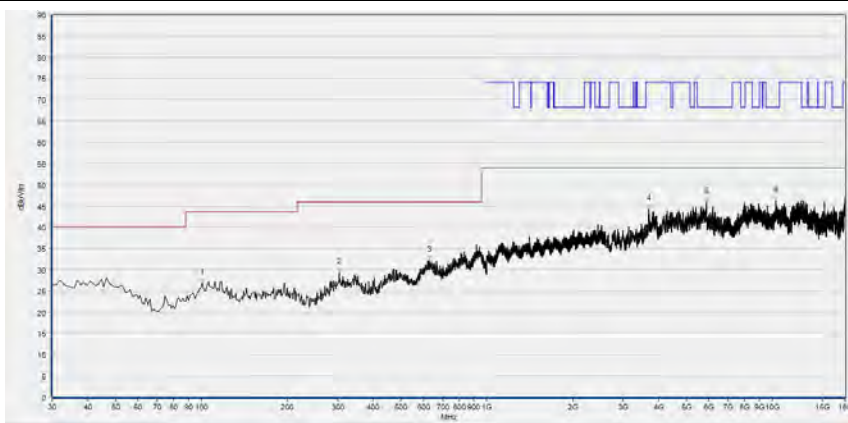


(Antenna Horizontal, 30MHz to 18GHz)



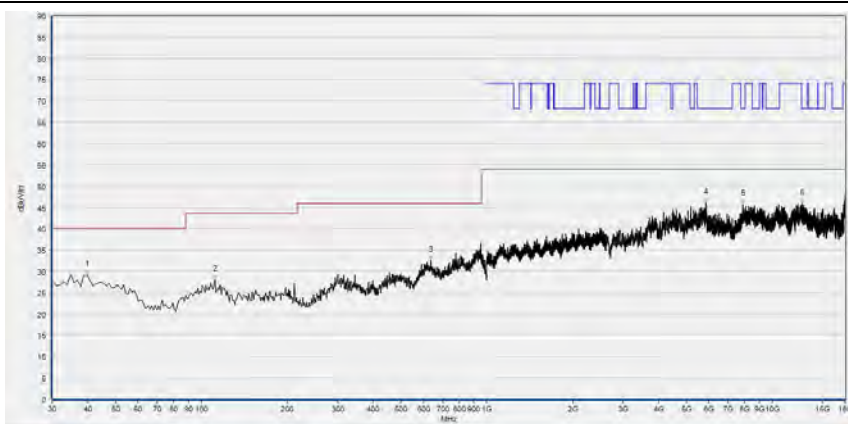
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 138



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
100.881	26.89	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
303.814	29.36	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
629.089	32.25	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
3699.780	44.21	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5868.534	45.95	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10307.702	46.30	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

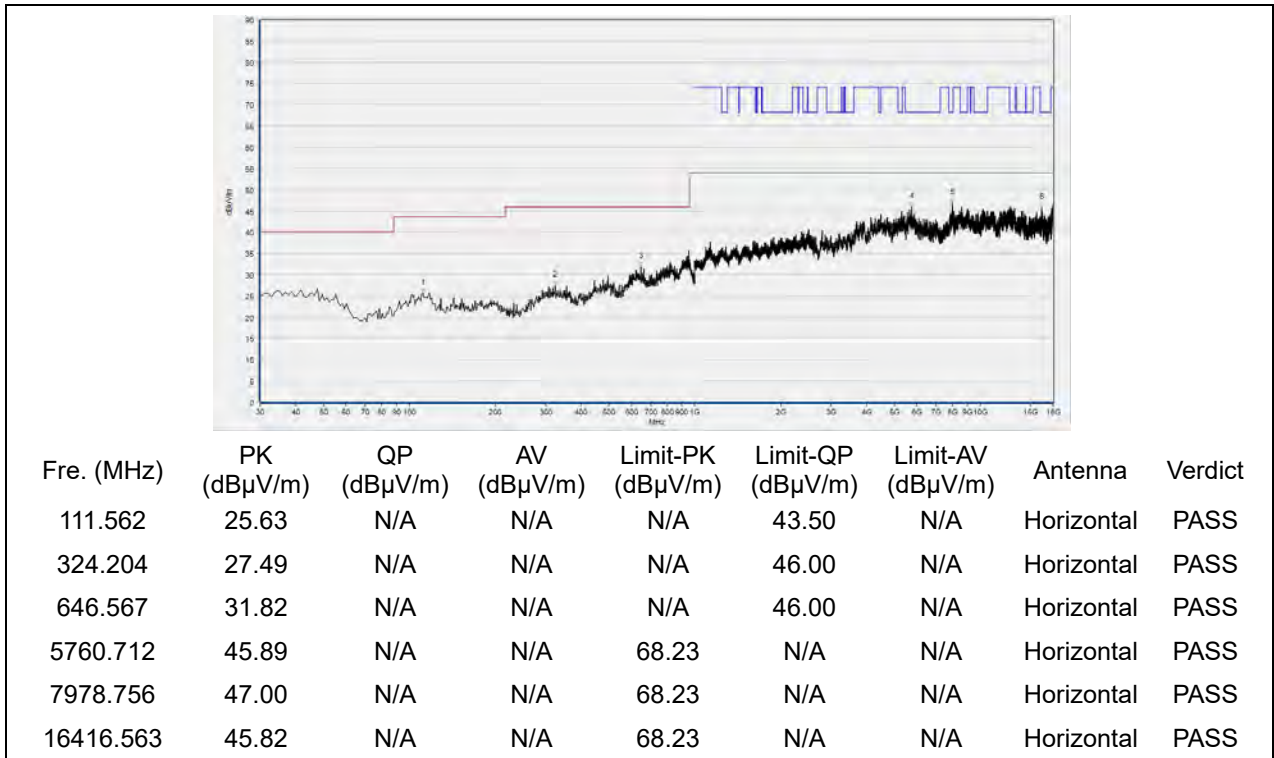
(Antenna Horizontal, 30MHz to 18GHz)



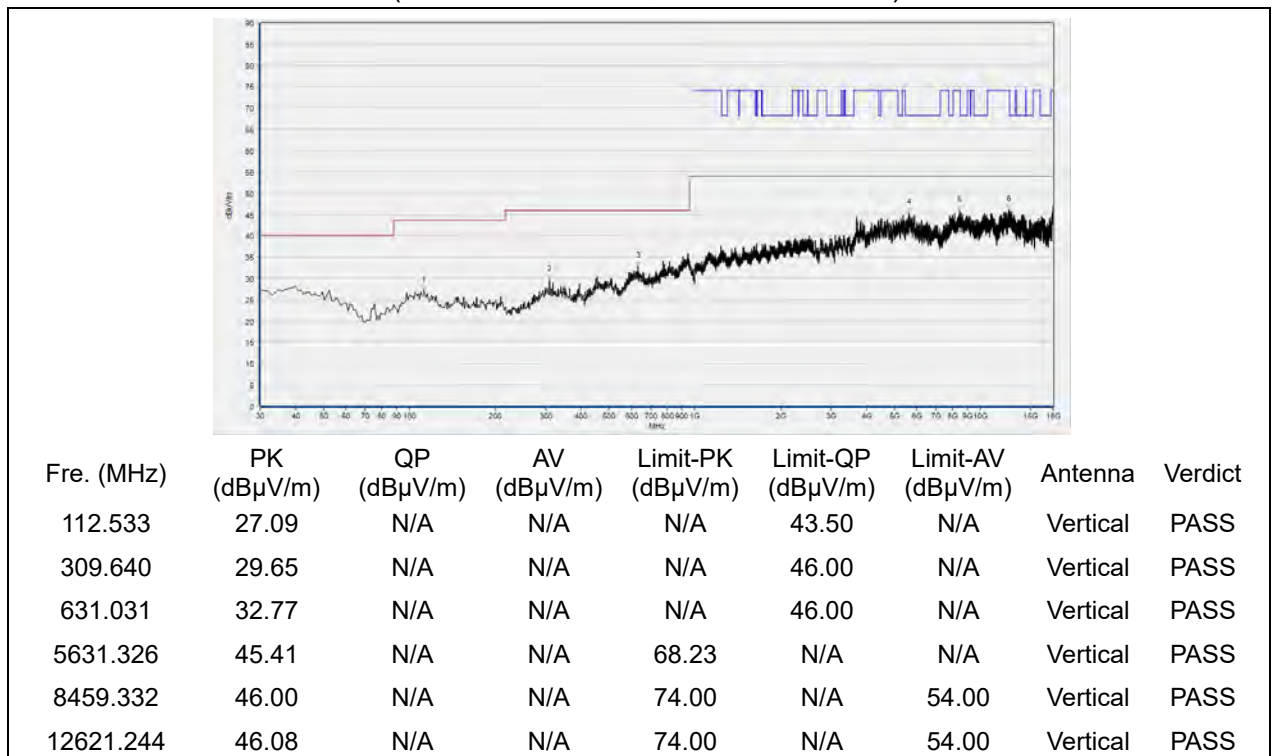
Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
39.710	29.15	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
111.562	28.07	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
636.857	32.45	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5865.453	46.11	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7895.579	45.75	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12719.824	46.00	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 155



(Antenna Horizontal, 30MHz to 18GHz)

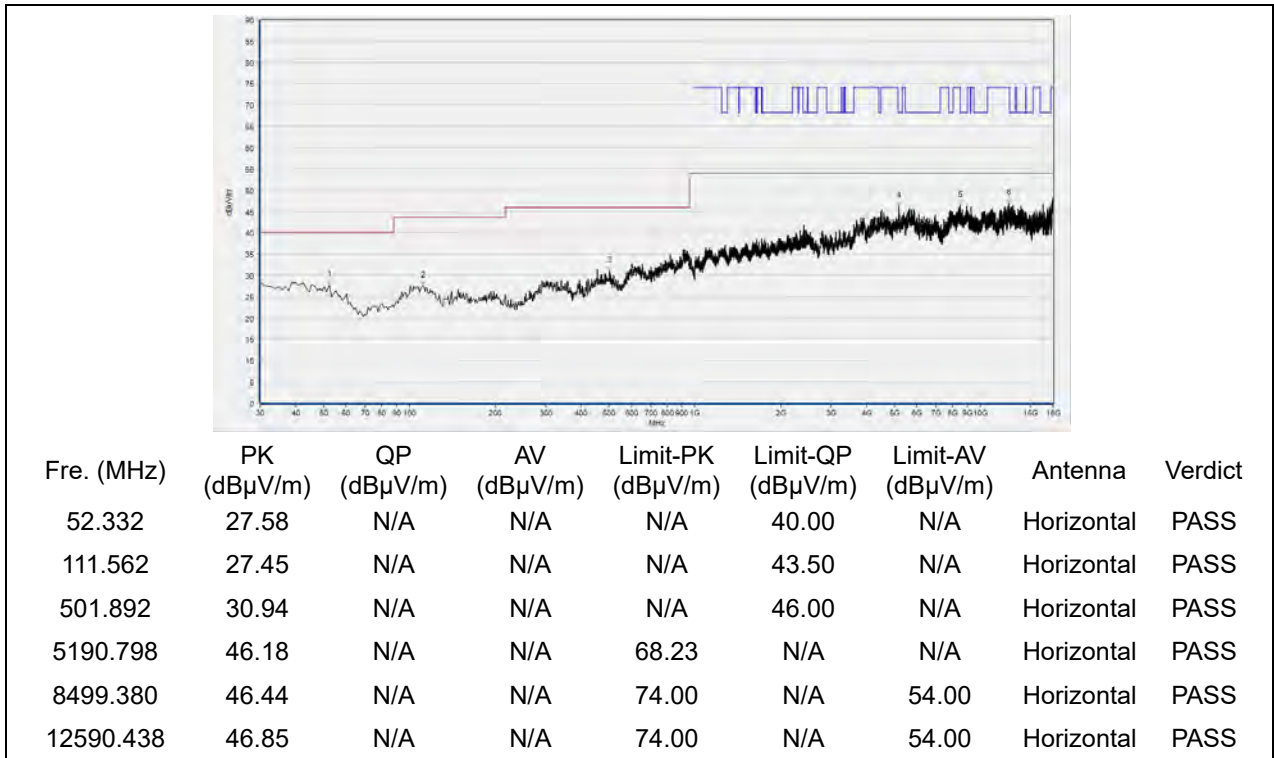


(Antenna Vertical, 30MHz to 18GHz)

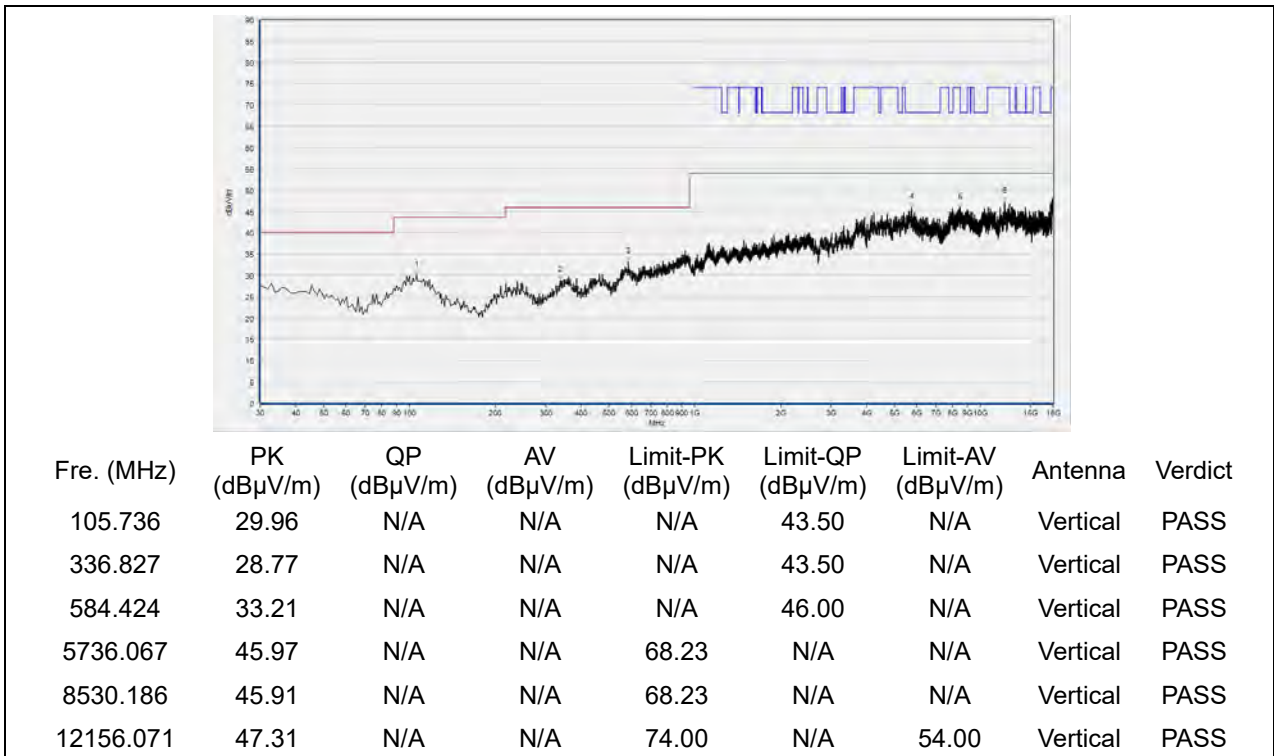


802.11ax (HEW20) Mode

Plot for Channel 36

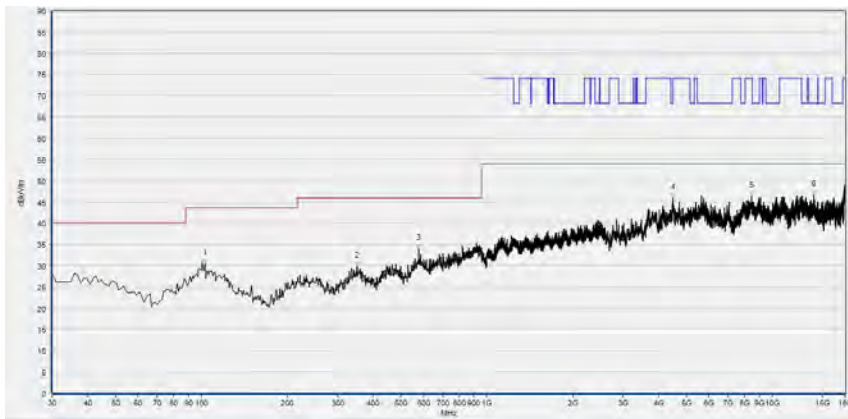


(Antenna Horizontal, 30MHz to 18GHz)



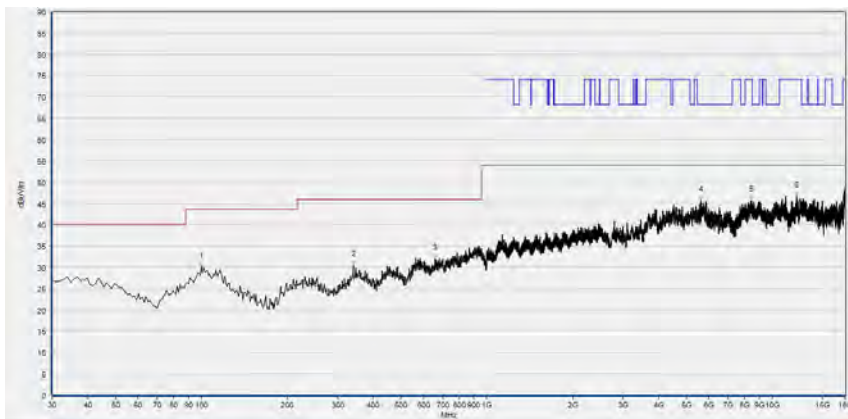
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 44



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
102.823	30.48	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
350.420	29.87	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
577.628	34.06	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4491.498	45.91	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8465.493	46.47	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
13982.877	46.79	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

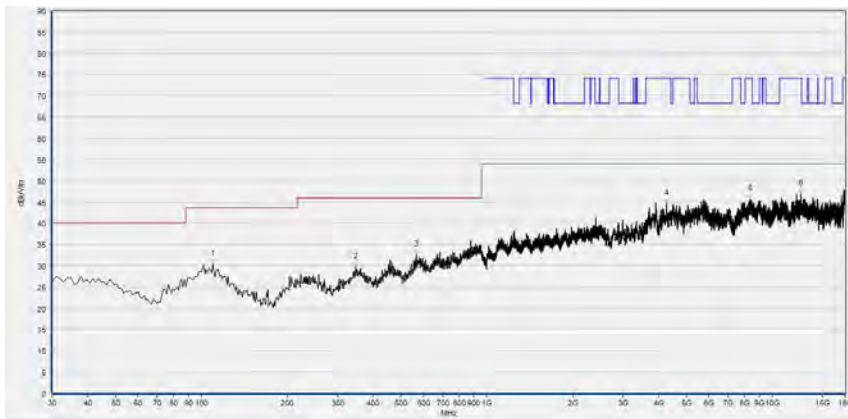
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
99.910	30.08	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
340.711	30.47	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
658.218	32.04	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5631.326	45.82	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8443.929	45.83	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12156.071	46.74	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

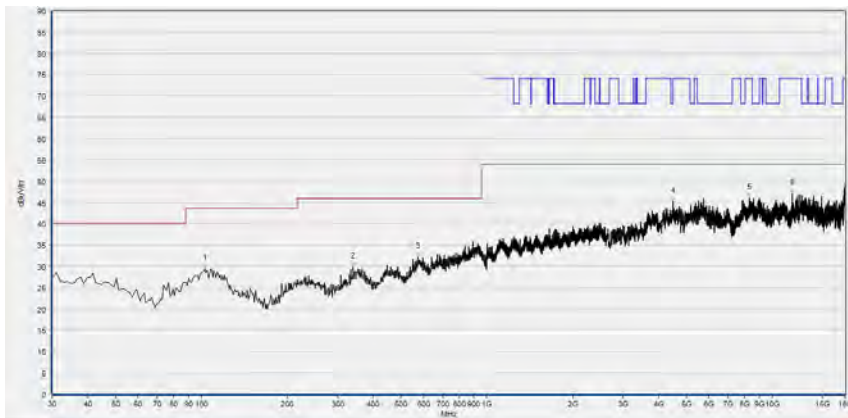
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 48



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
109.620	30.40	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
346.537	29.70	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
565.976	32.51	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4260.452	44.50	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8376.155	45.57	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12562.713	46.85	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

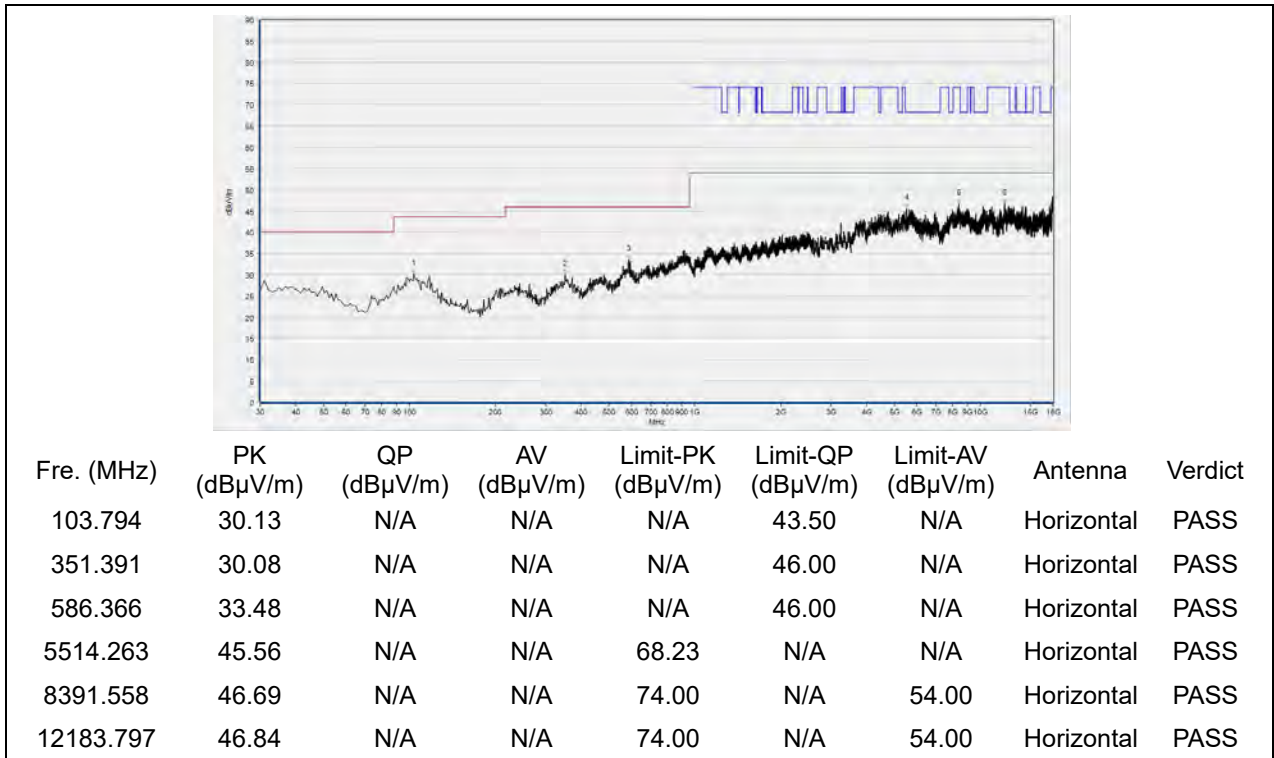
(Antenna Horizontal, 30MHz to 18GHz)



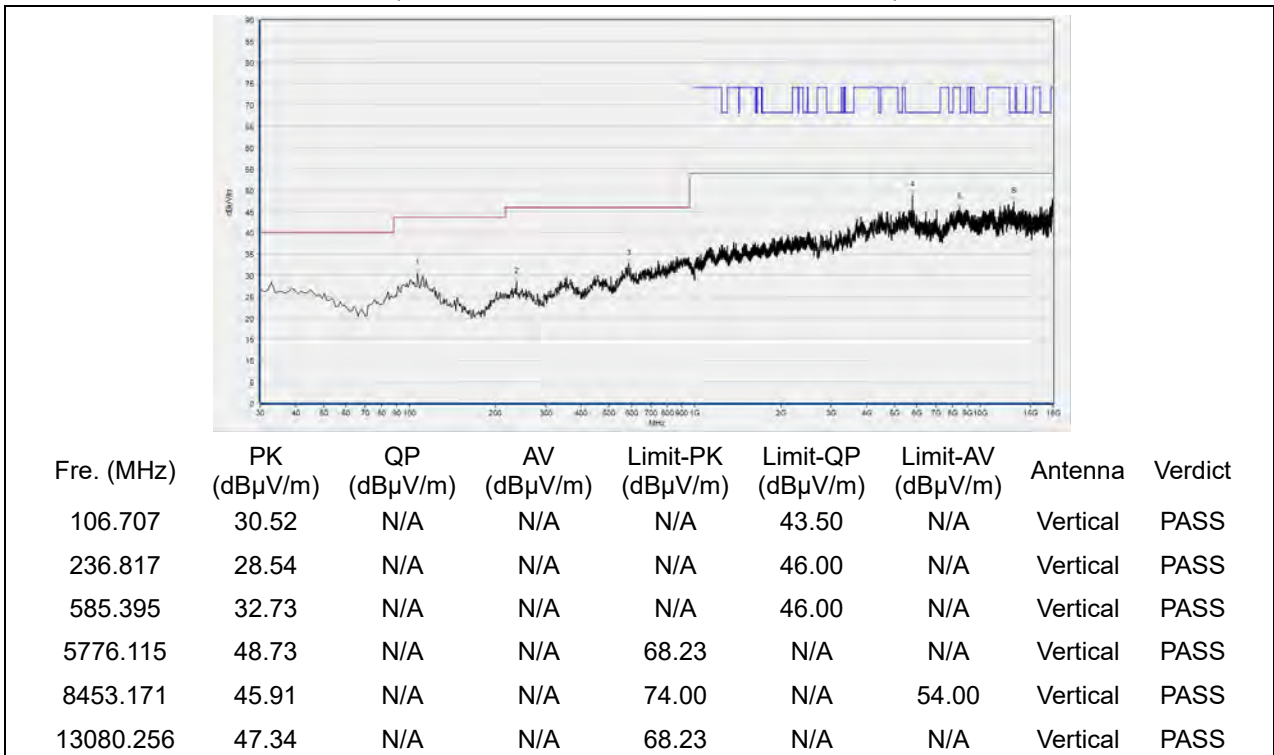
Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
102.823	29.49	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
339.740	29.88	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
574.715	32.16	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4488.418	45.28	N/A	N/A	68.23	N/A	N/A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

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 52

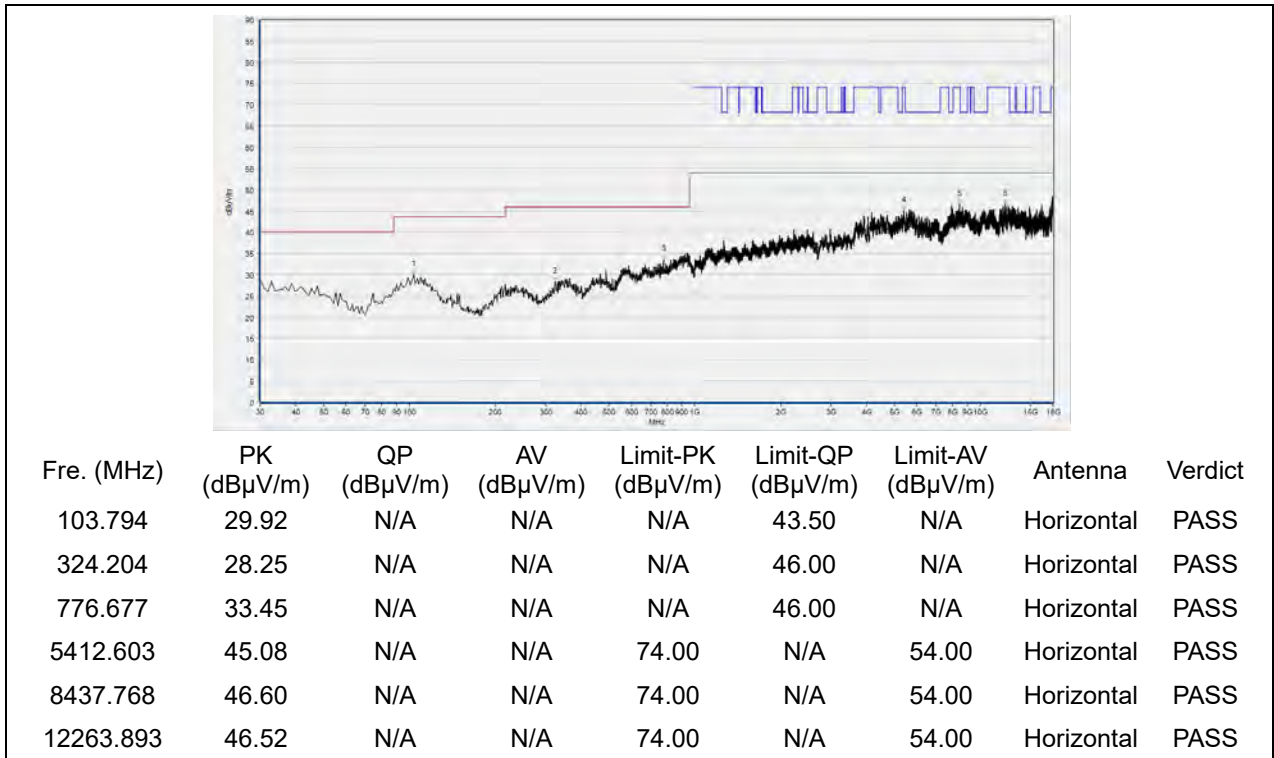


(Antenna Horizontal, 30MHz to 18GHz)

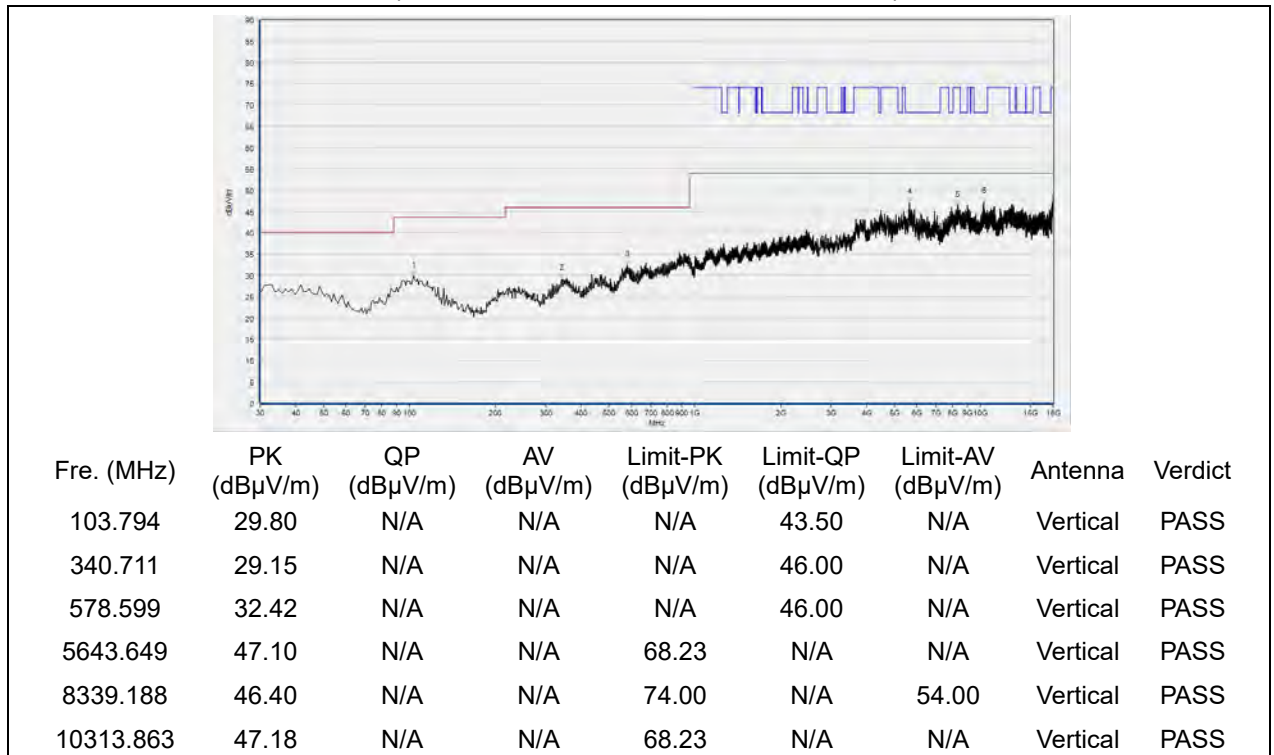


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 60

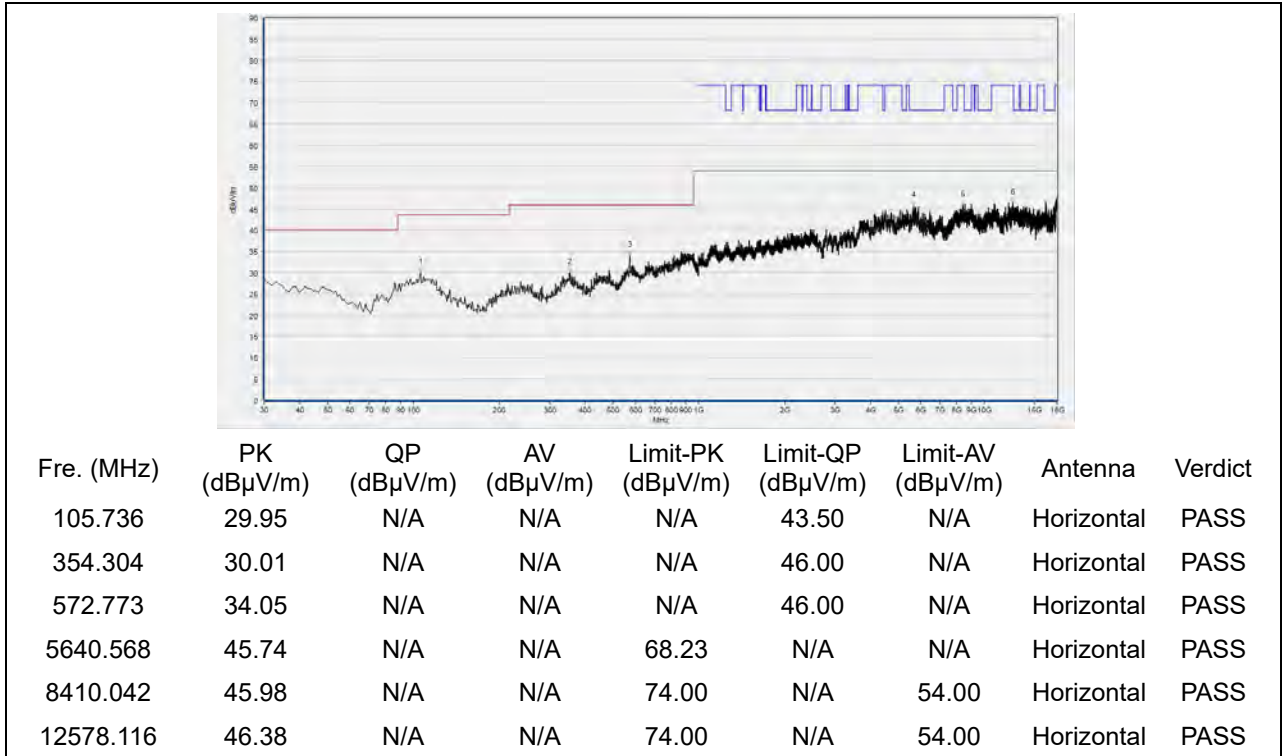


(Antenna Horizontal, 30MHz to 18GHz)

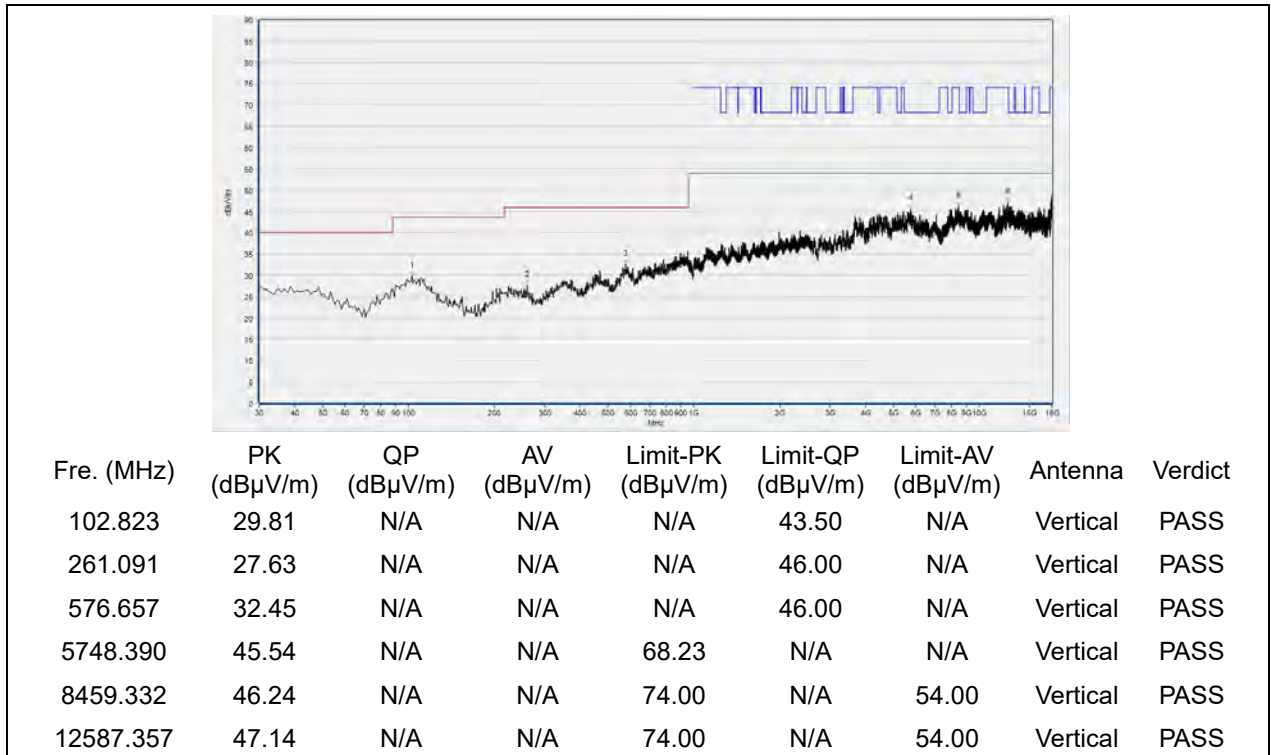


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 64

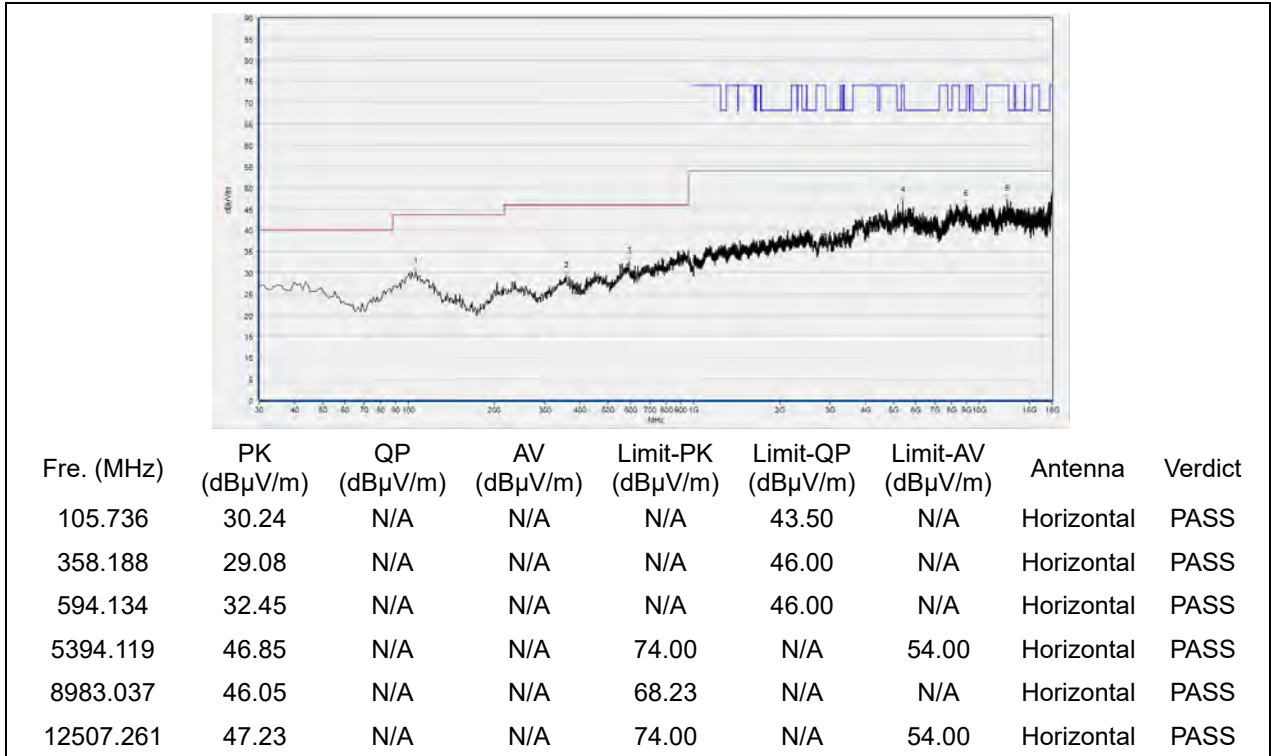


(Antenna Horizontal, 30MHz to 18GHz)

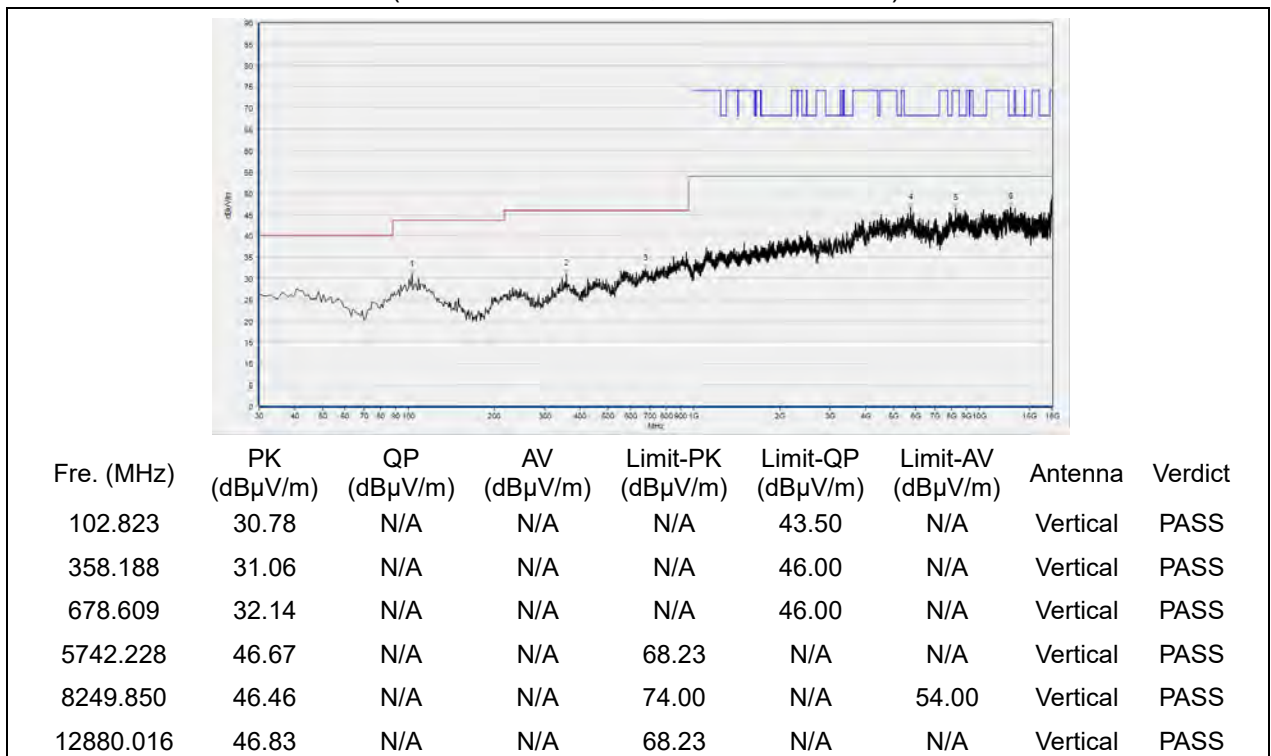


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 100

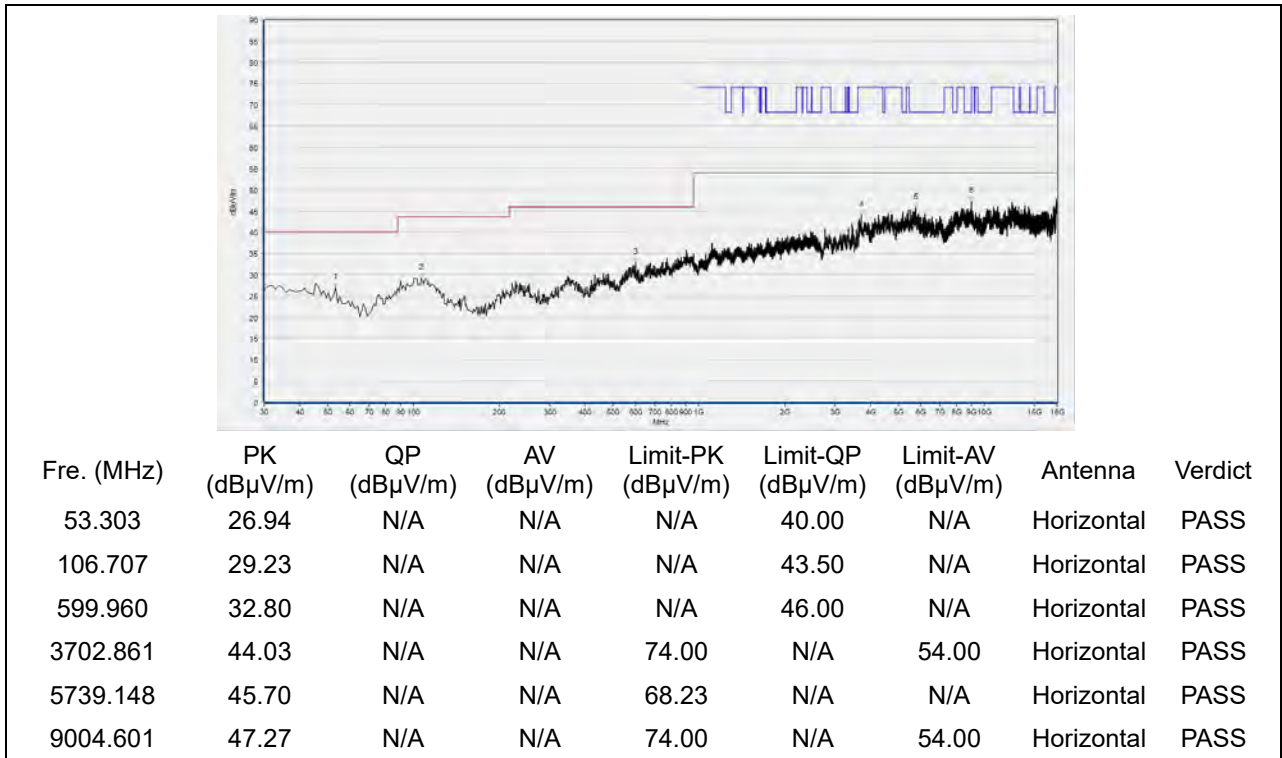


(Antenna Horizontal, 30MHz to 18GHz)

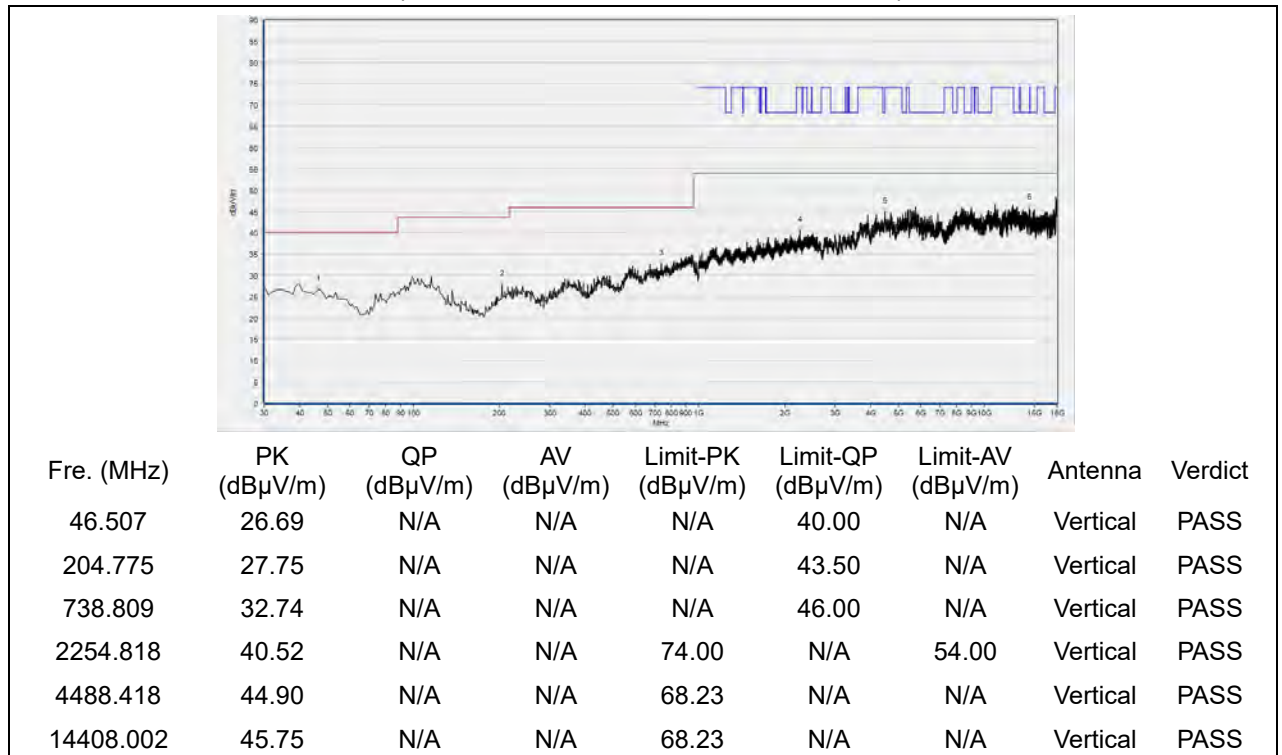


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 120

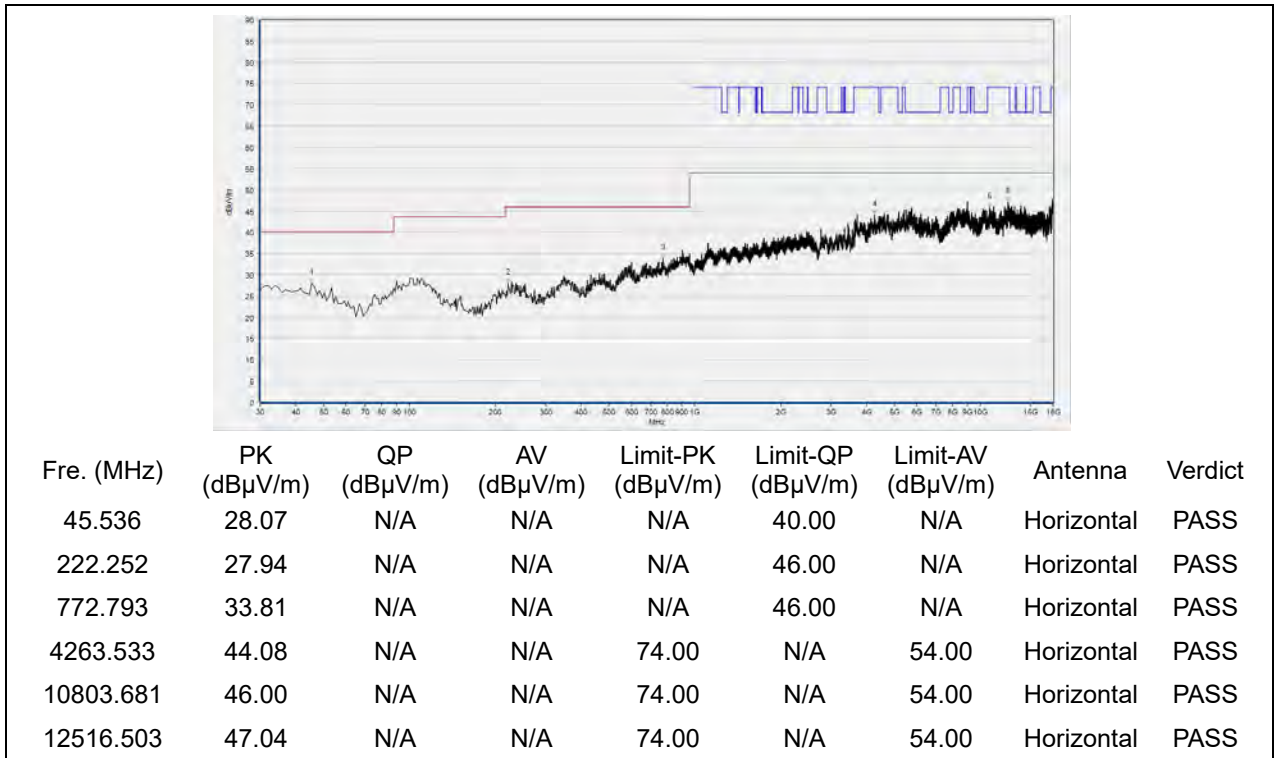


(Antenna Horizontal, 30MHz to 18GHz)

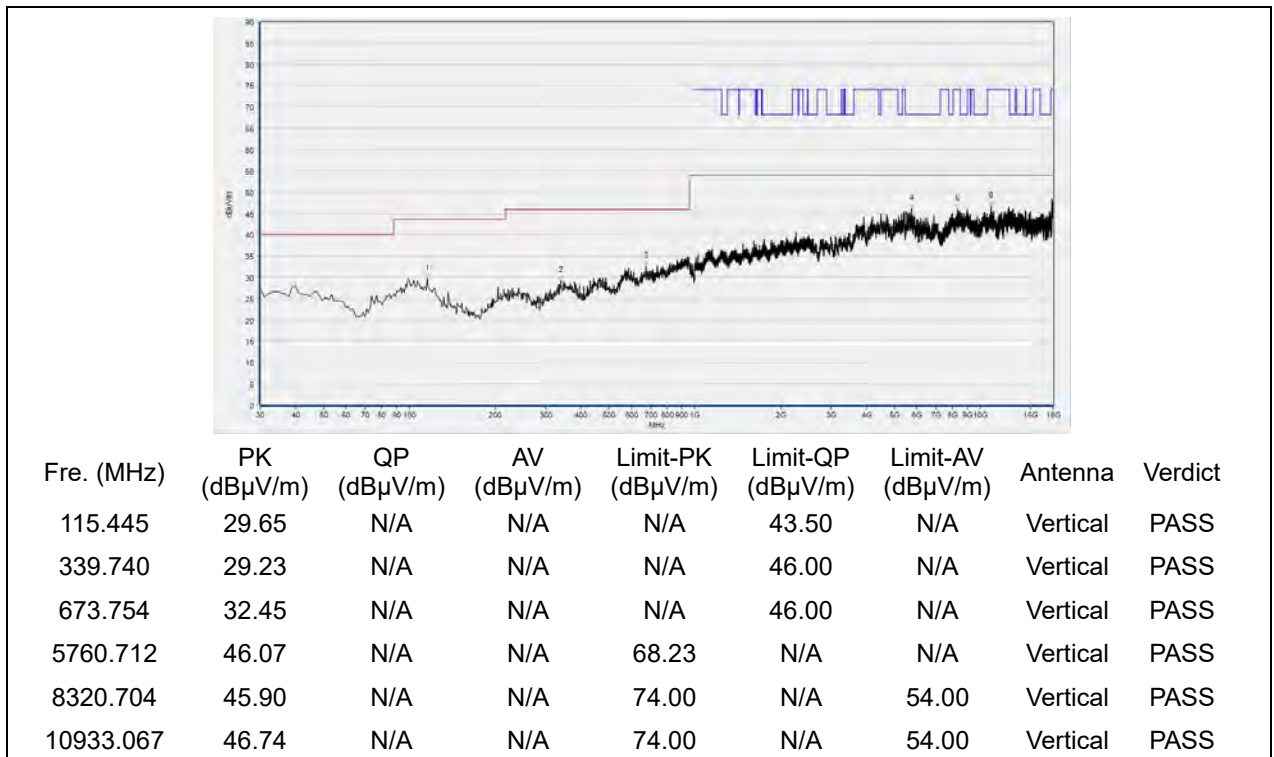


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 144

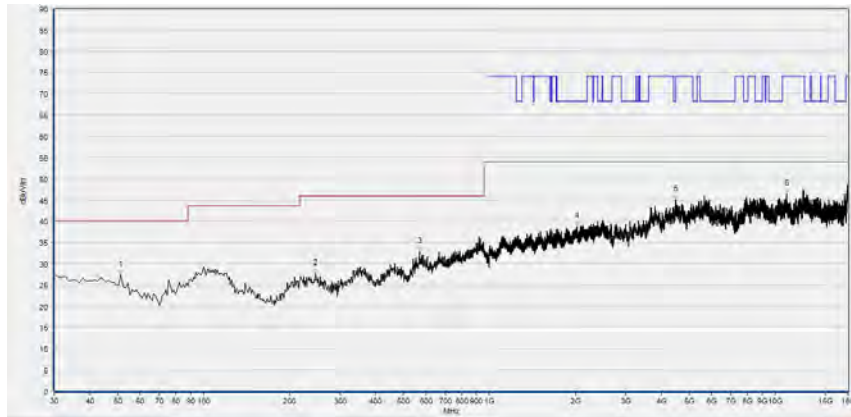


(Antenna Horizontal, 30MHz to 18GHz)



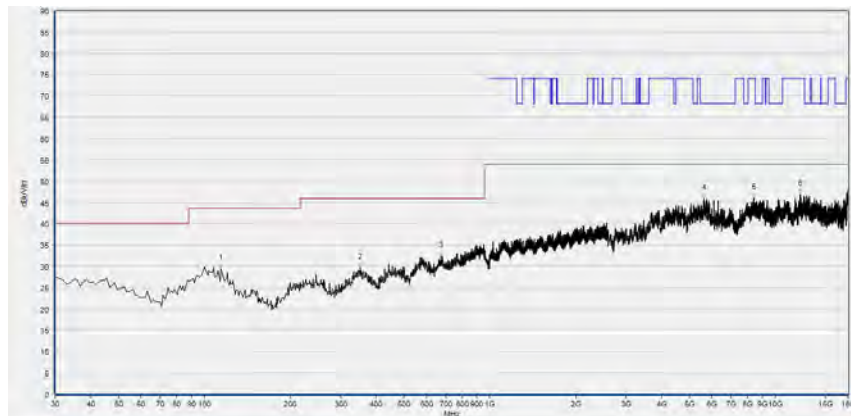
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 149



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

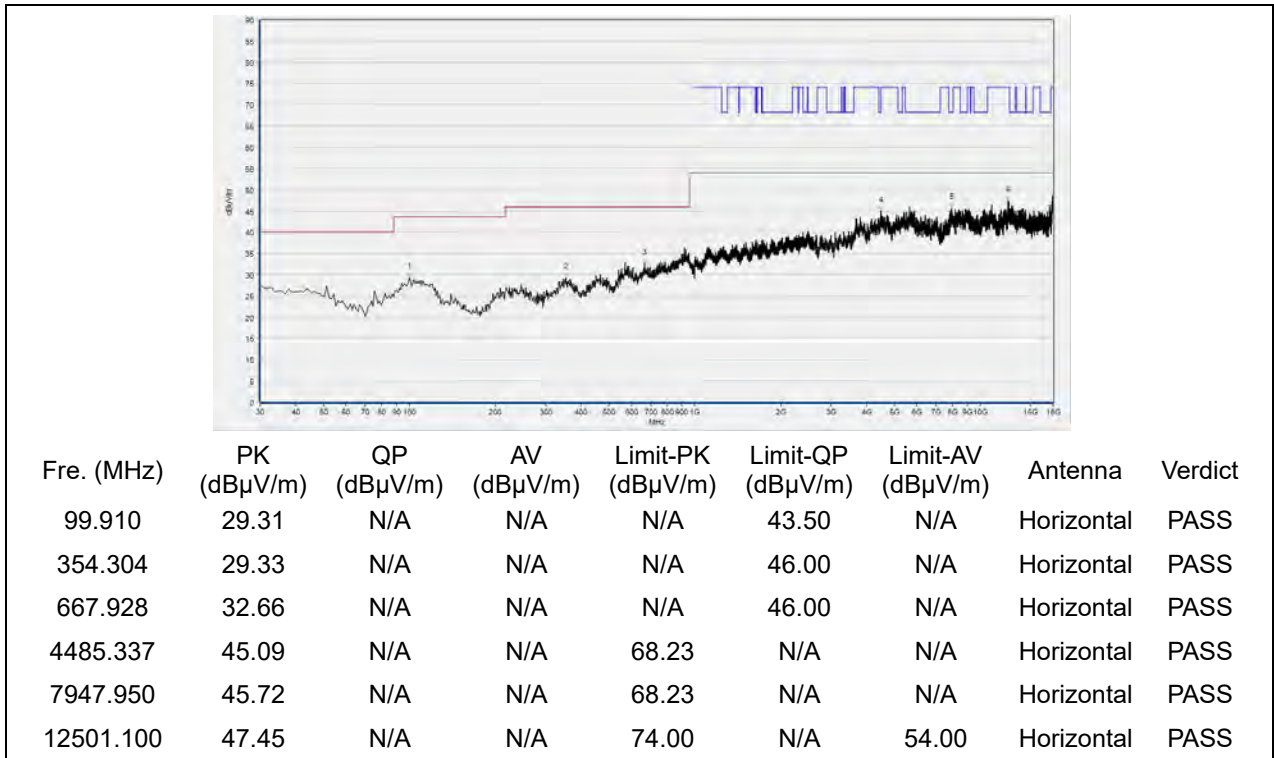
(Antenna Horizontal, 30MHz to 18GHz)



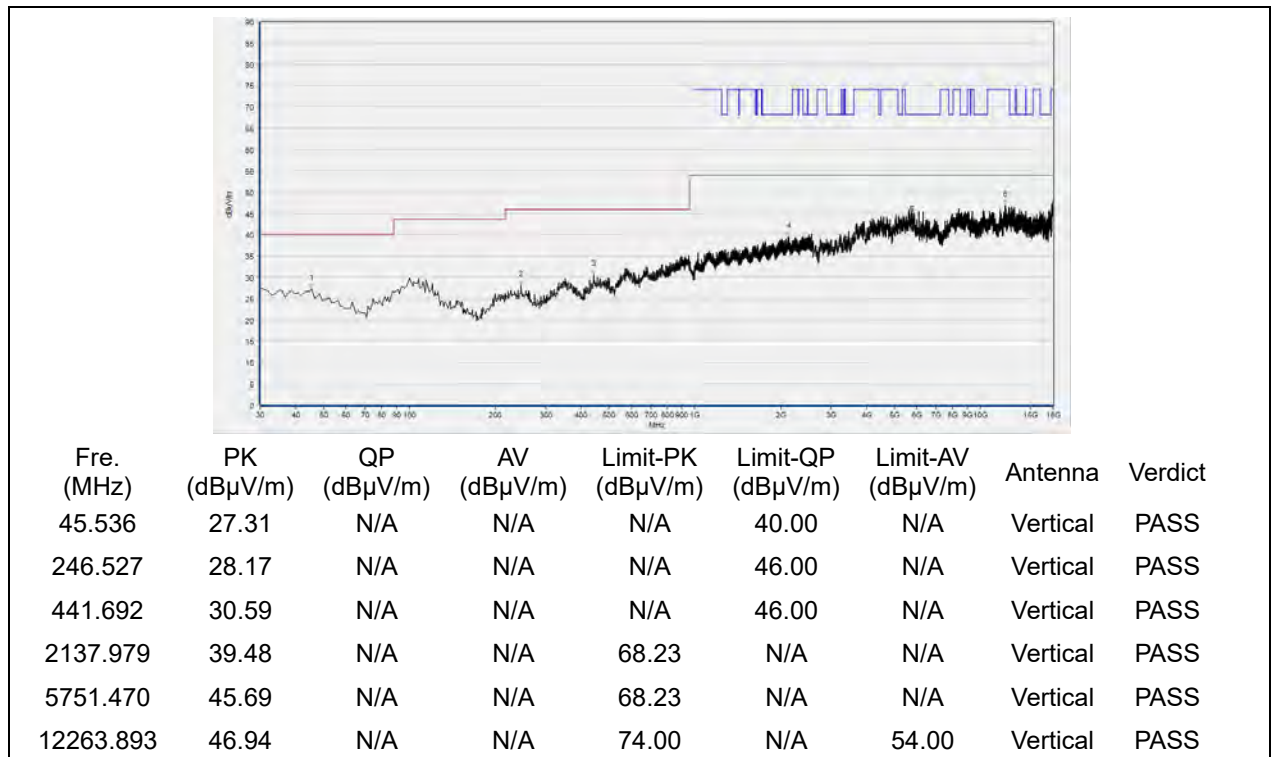
Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
114.474	29.52	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
352.362	29.64	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
674.725	32.33	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5631.326	45.89	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8400.800	46.14	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12263.893	46.94	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 157

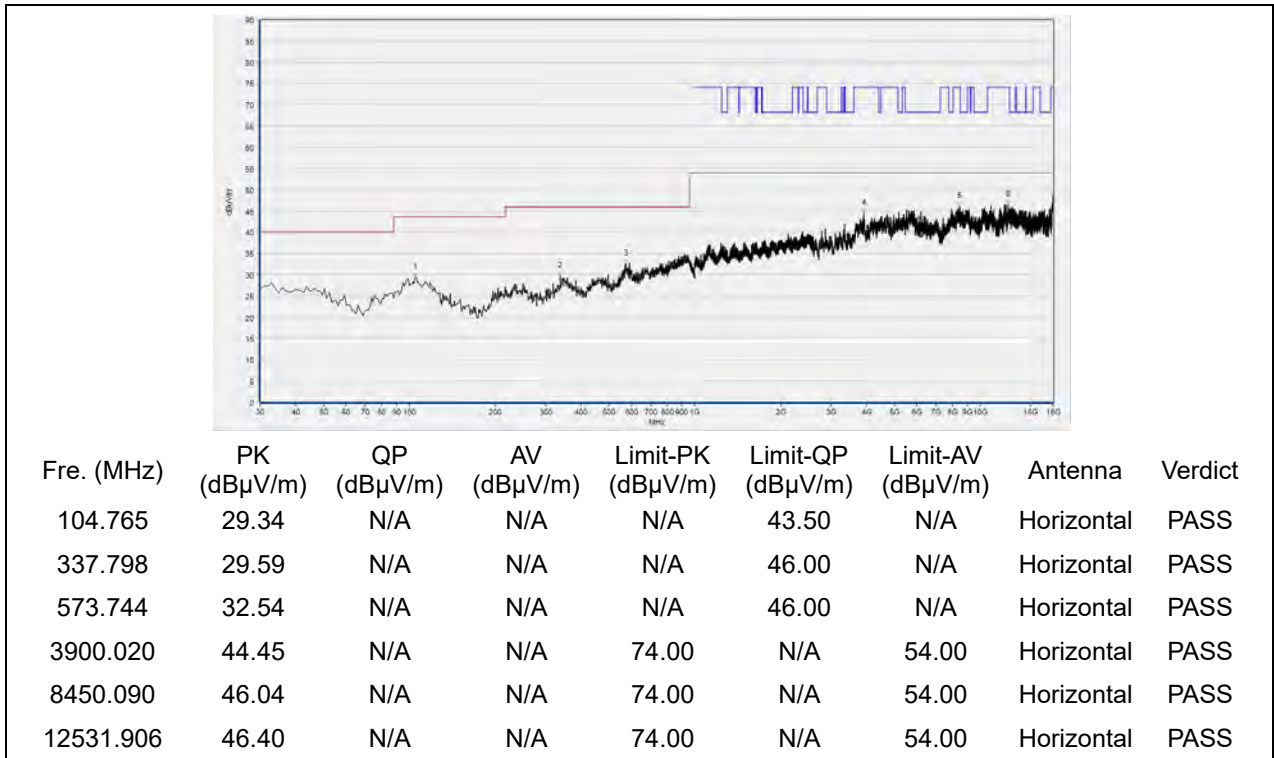


(Antenna Horizontal, 30MHz to 18GHz)

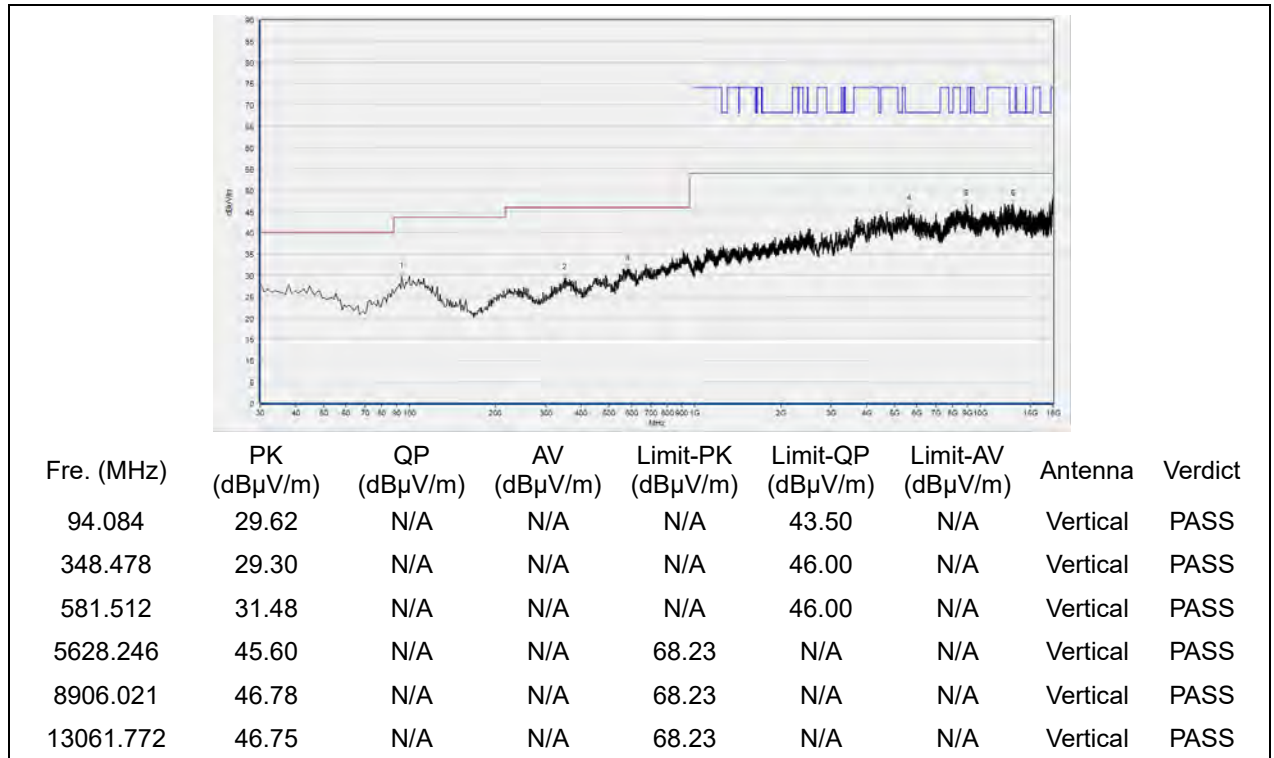


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 165



(Antenna Horizontal, 30MHz to 18GHz)

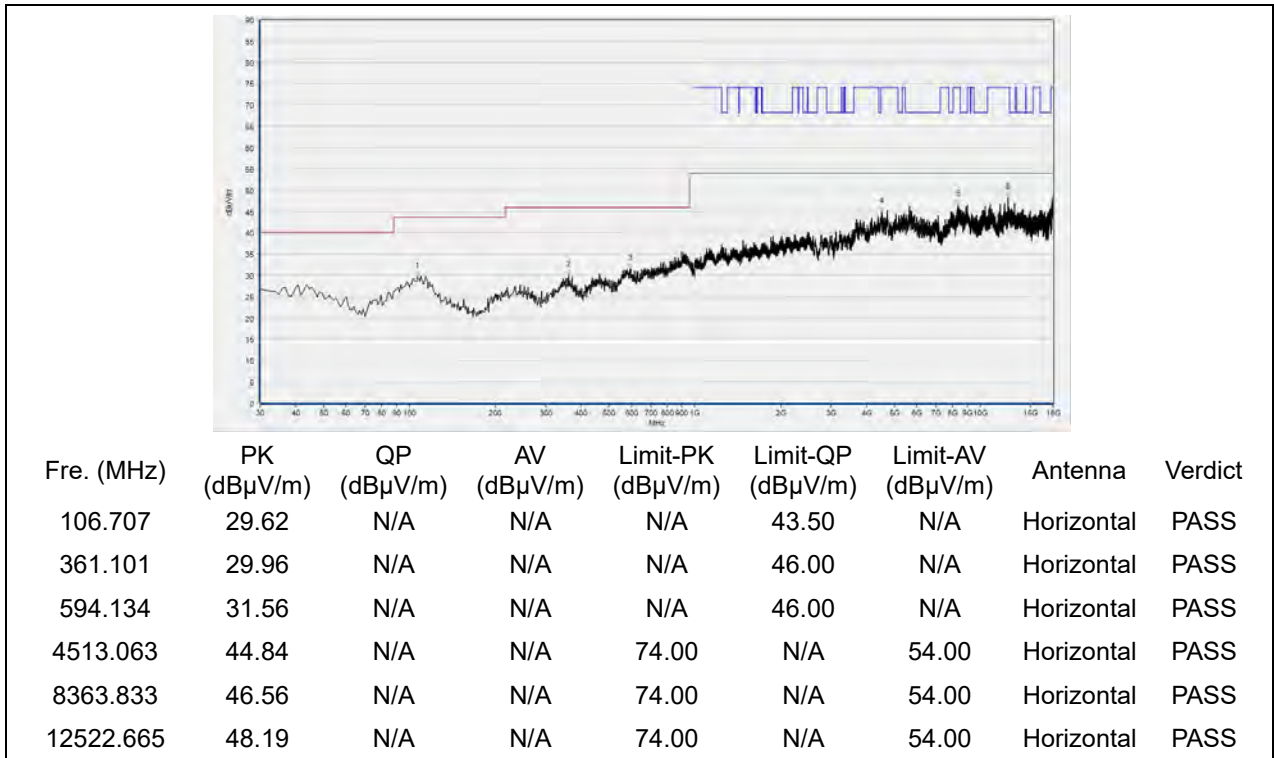


(Antenna Vertical, 30MHz to 18GHz)

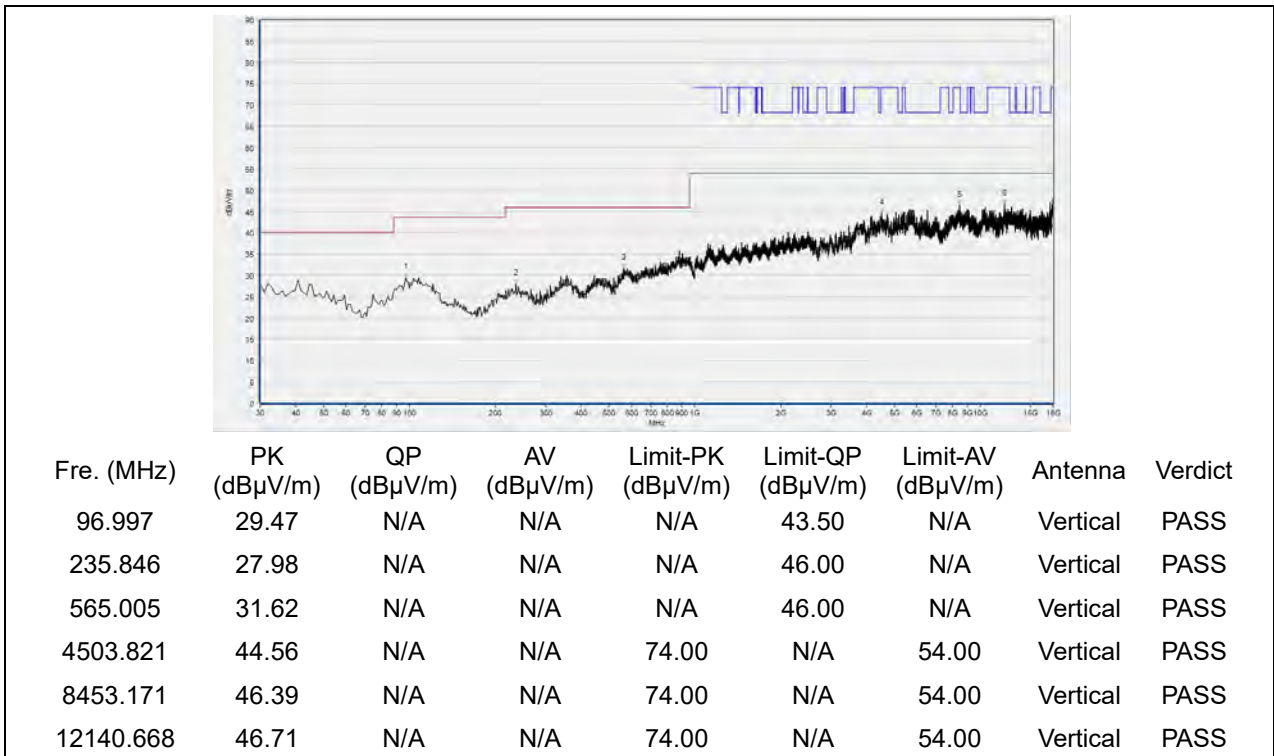


802.11ax (HEW20) RU26 Mode

Plot for Channel 36

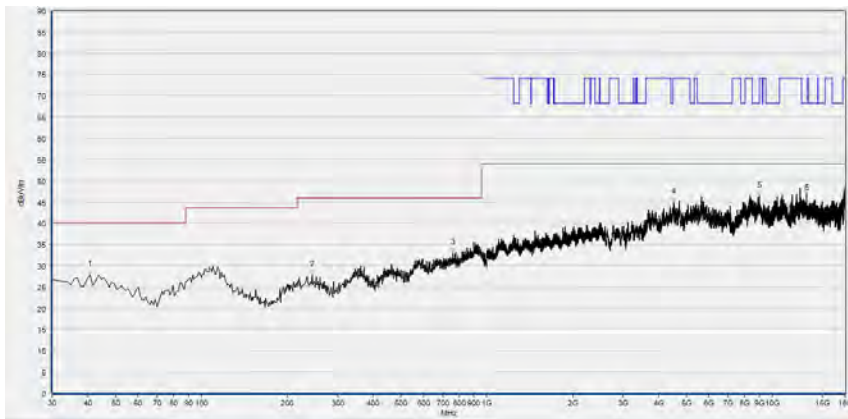


(Antenna Horizontal, 30MHz to 18GHz)



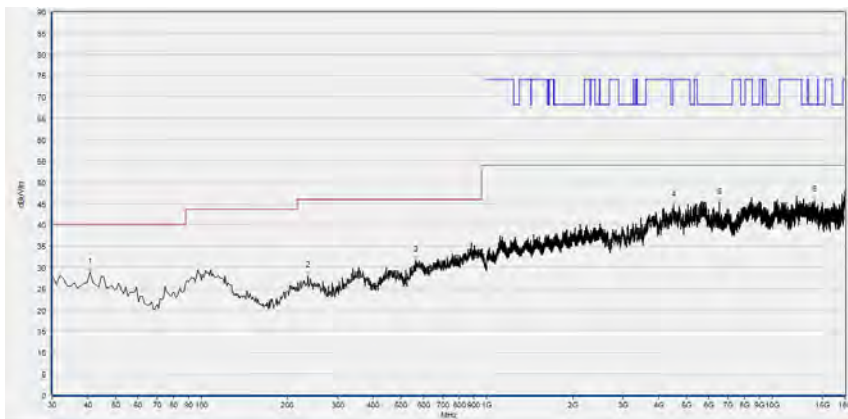
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 44



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
40.681	27.86	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
244.585	27.77	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
761.141	32.94	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4513.063	44.84	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
9004.601	46.46	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
13197.319	46.89	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

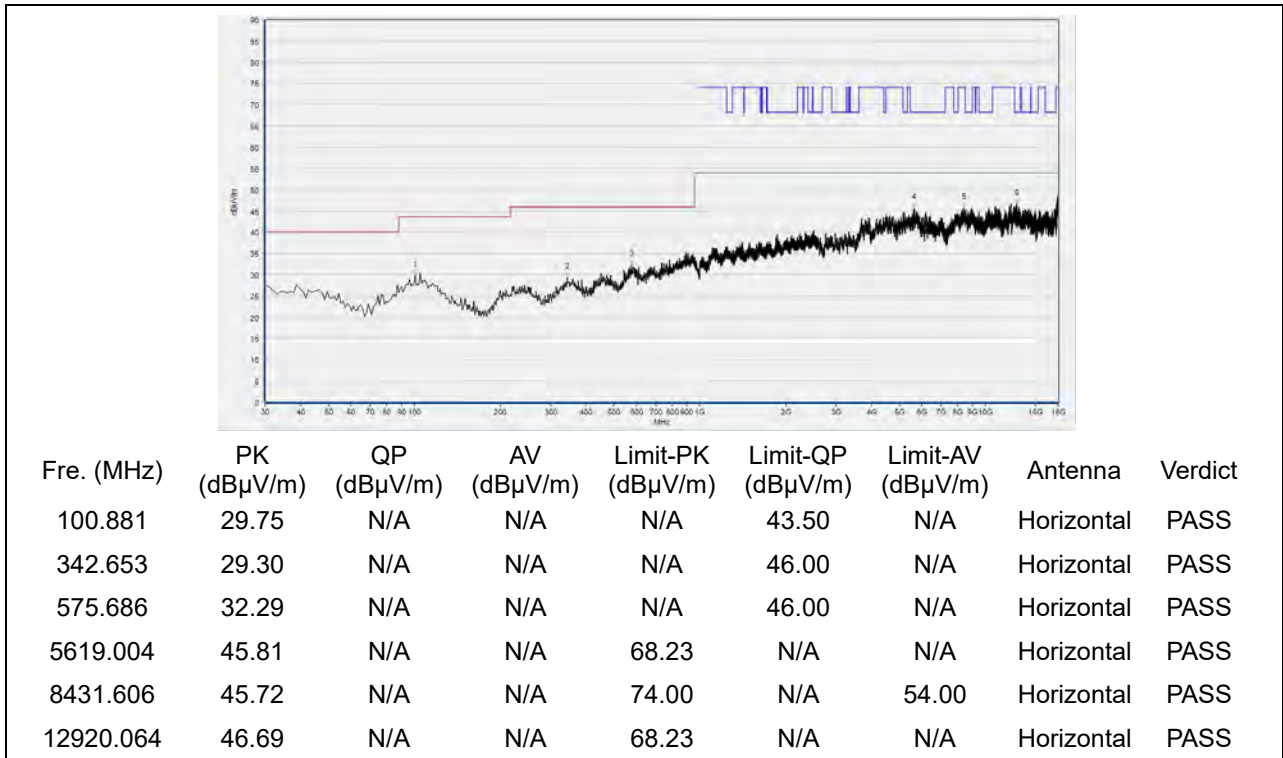
(Antenna Horizontal, 30MHz to 18GHz)



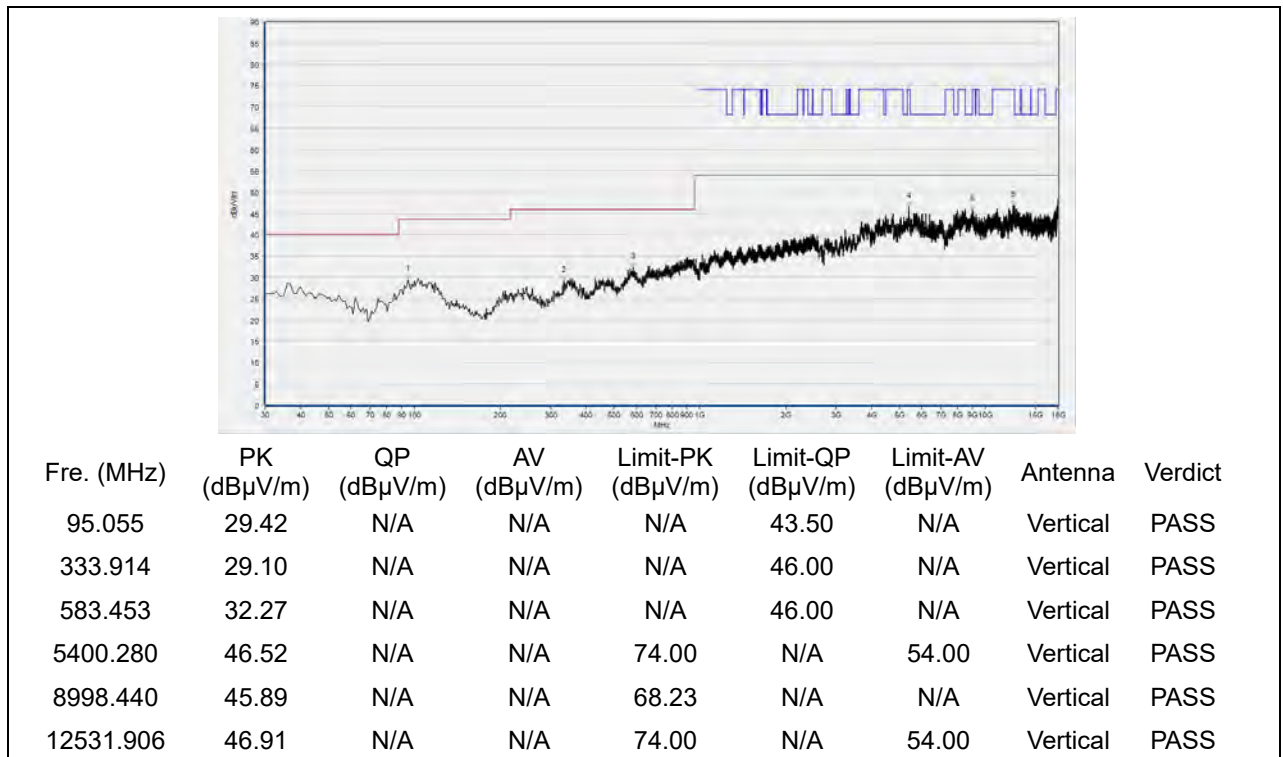
Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
40.681	28.82	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
235.846	27.98	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
565.005	31.62	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4503.821	44.56	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
6515.463	45.31	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
14019.844	45.69	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 48

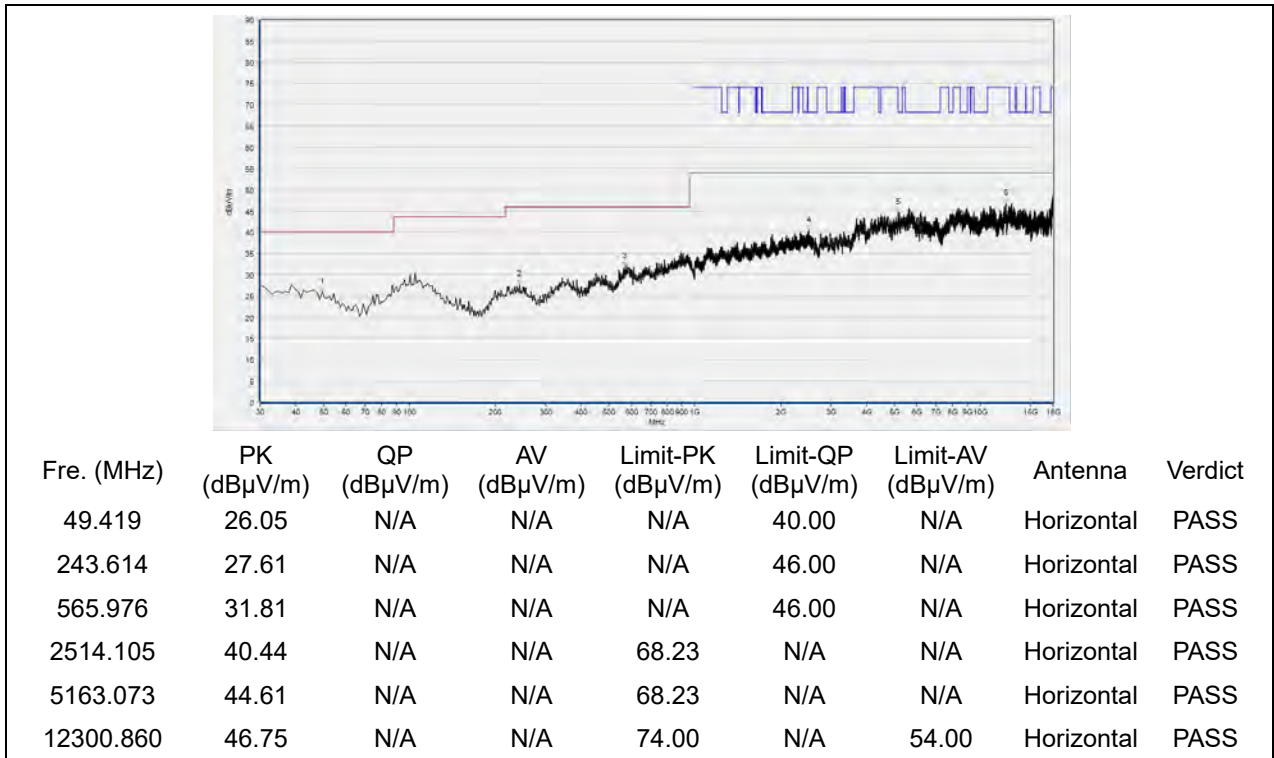


(Antenna Horizontal, 30MHz to 18GHz)

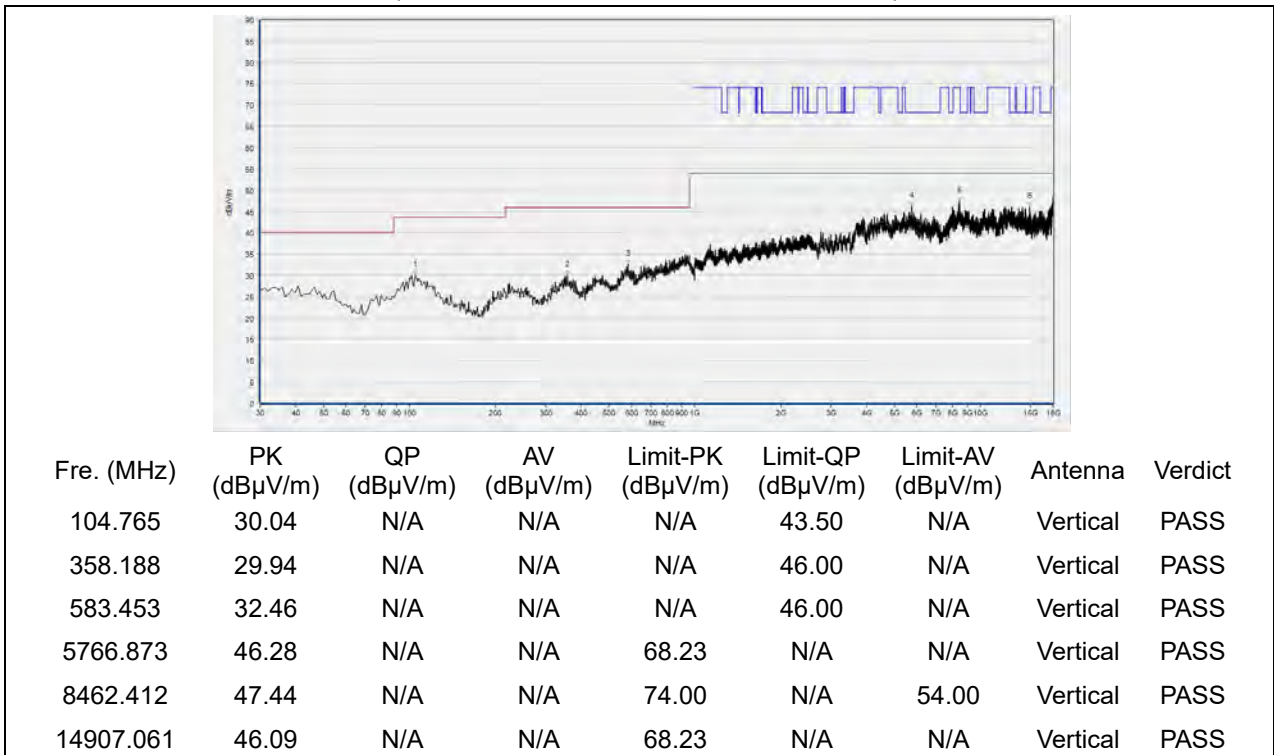


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 52

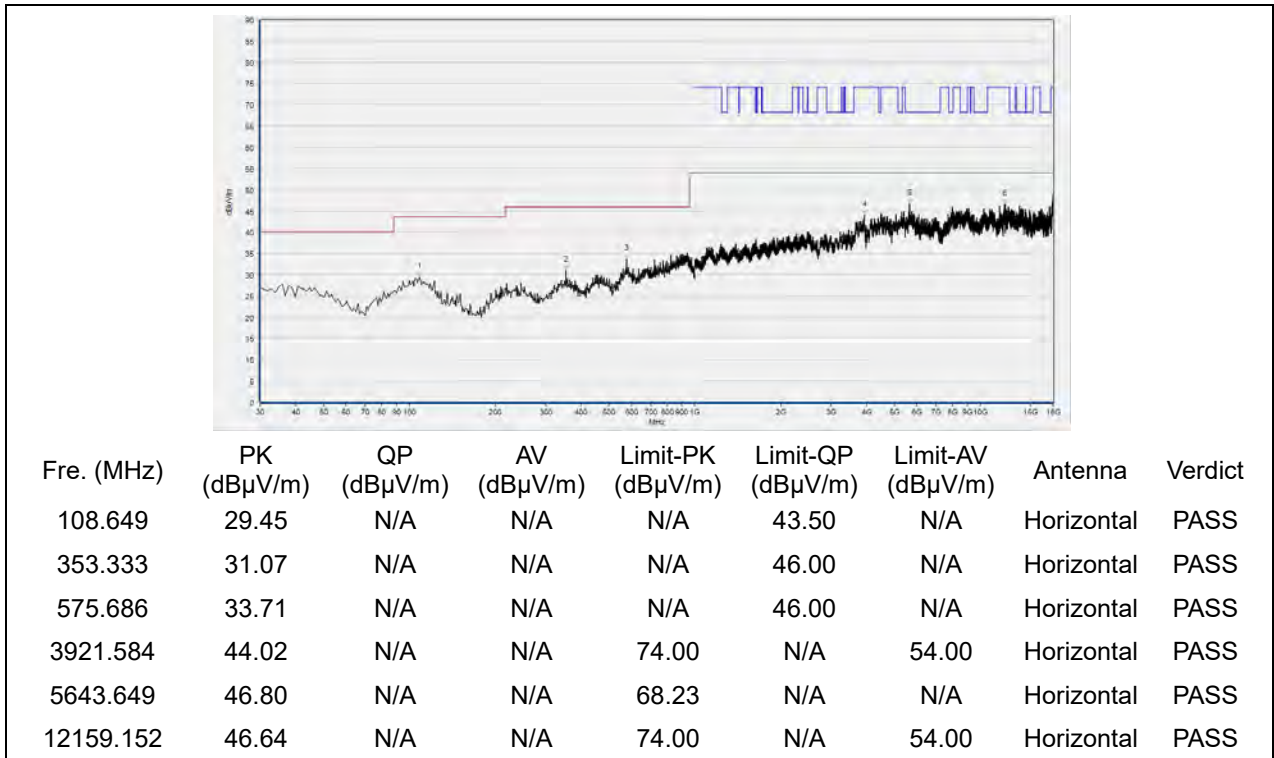


(Antenna Horizontal, 30MHz to 18GHz)

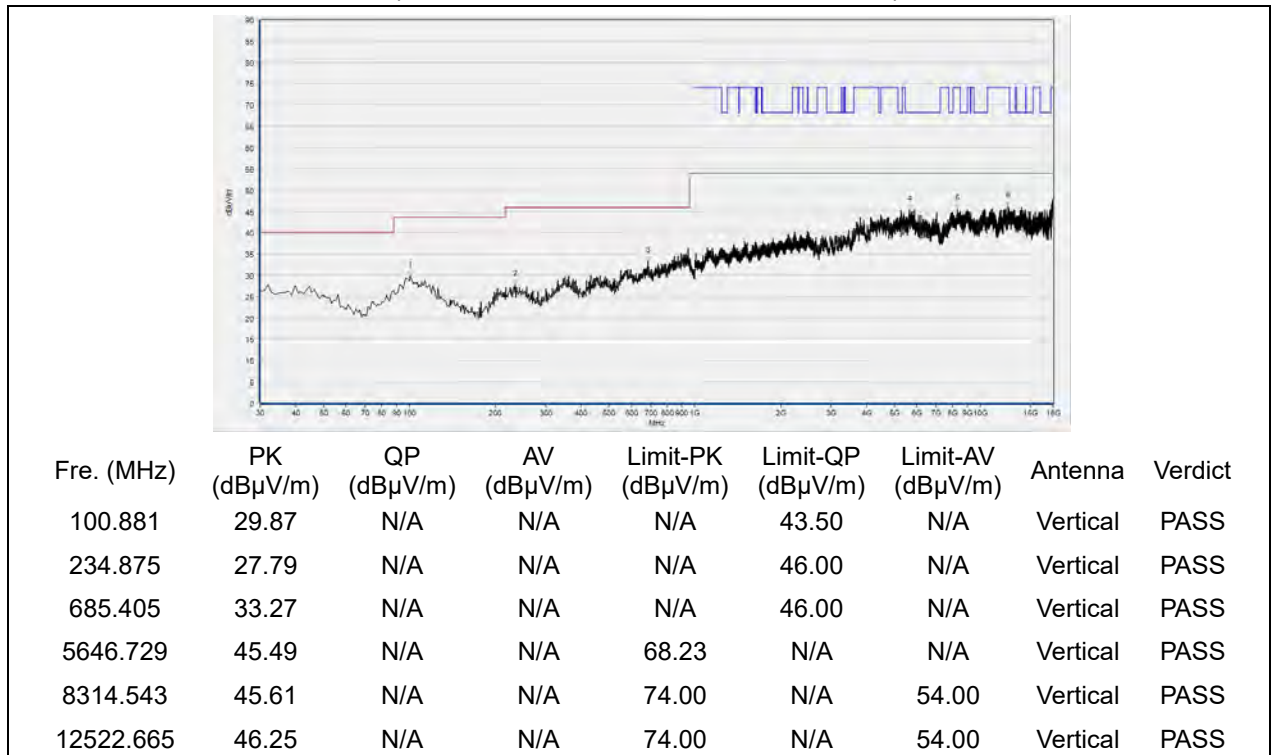


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 60

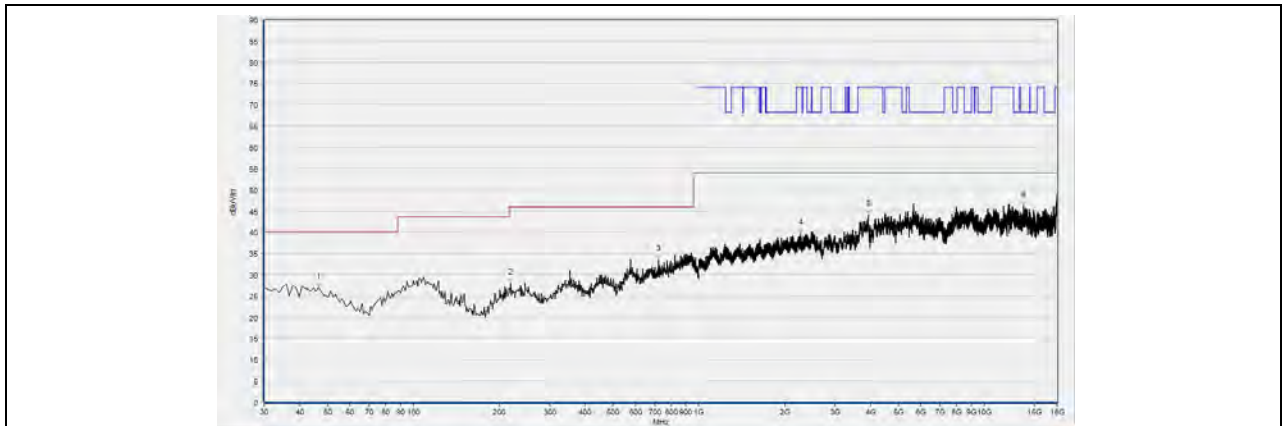


(Antenna Horizontal, 30MHz to 18GHz)



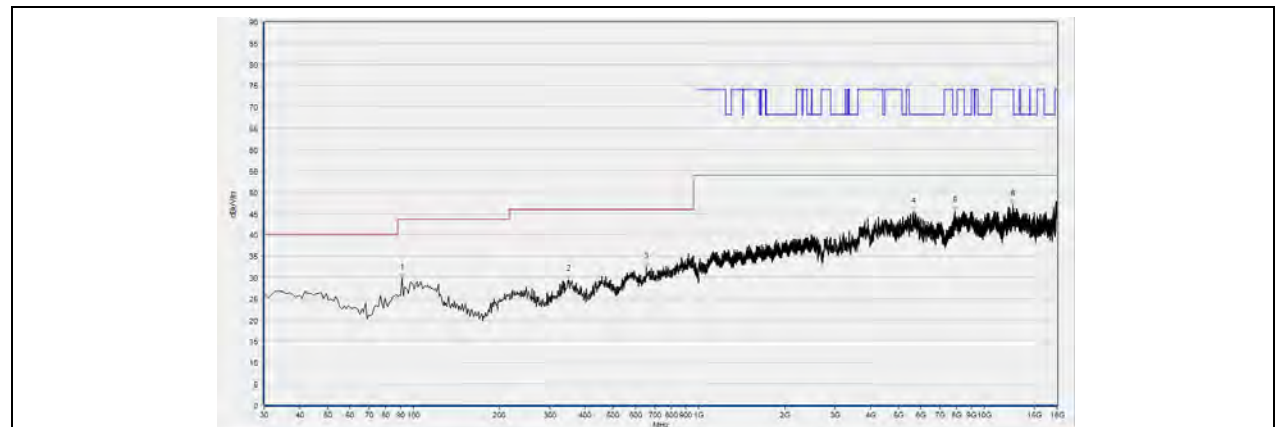
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 64



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
46.507	26.92	N/A	N/A	N/A	40.00	N/A	Horizontal	PASS
219.339	27.92	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
724.244	33.58	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2275.092	39.68	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
3921.584	44.02	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
13757.992	46.24	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

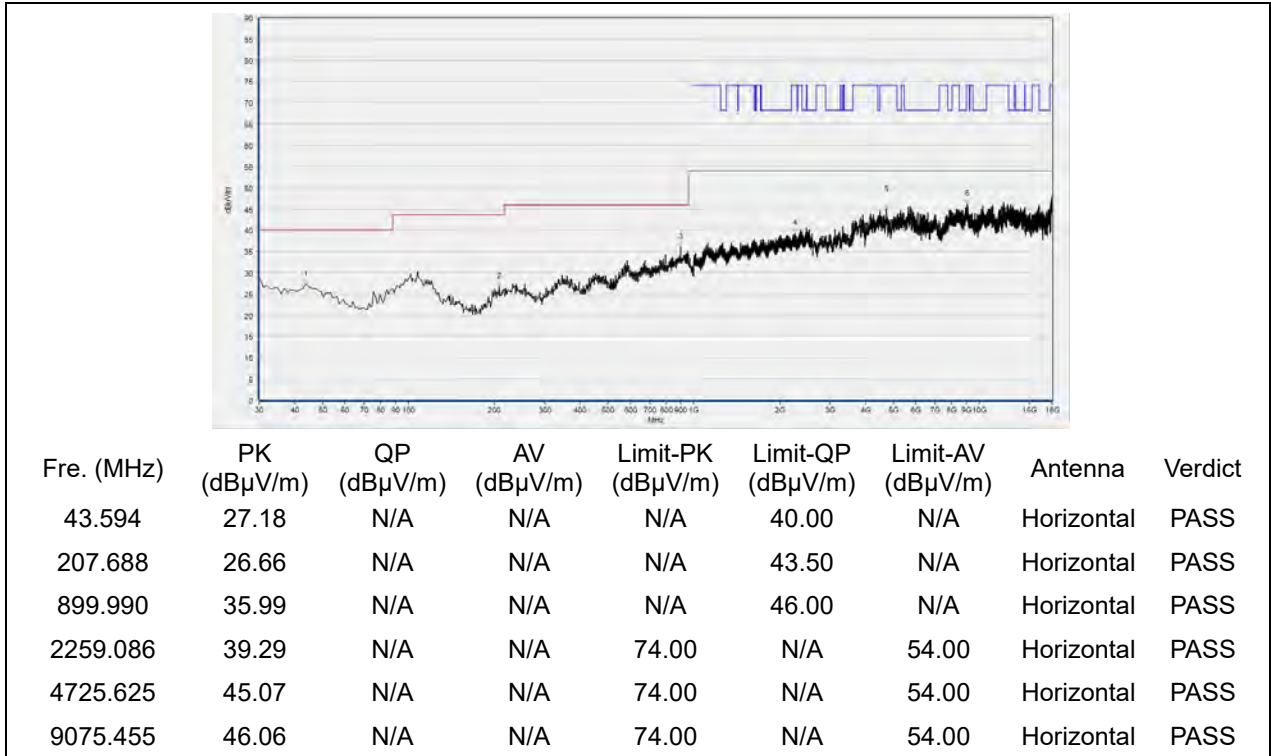
(Antenna Horizontal, 30MHz to 18GHz)



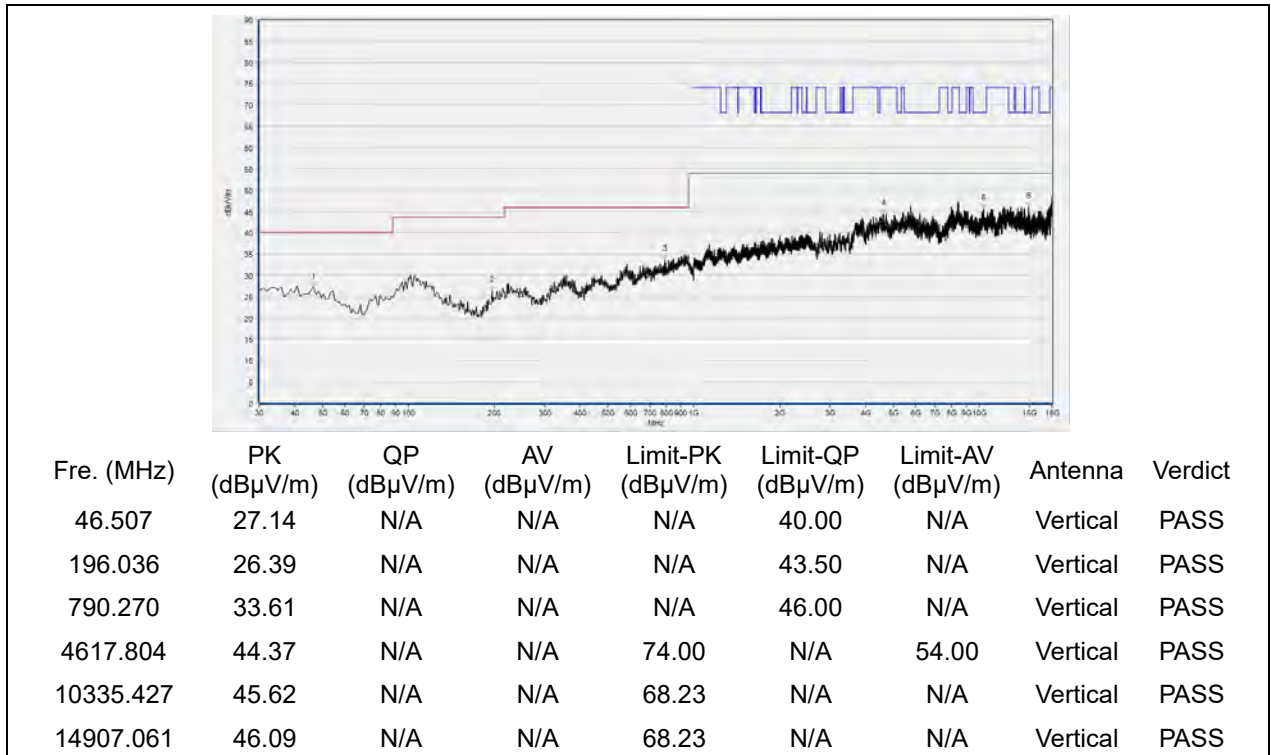
Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
91.171	29.84	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
348.478	29.50	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
653.363	32.42	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5652.891	45.35	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7907.902	45.52	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12612.002	47.13	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 100

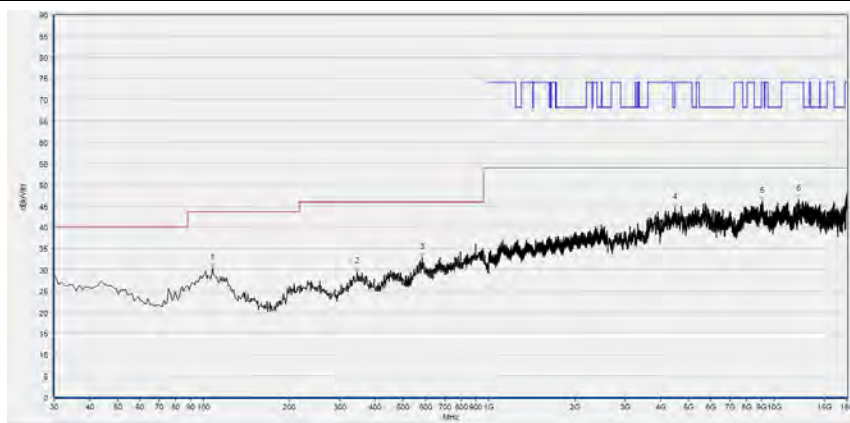


(Antenna Horizontal, 30MHz to 18GHz)



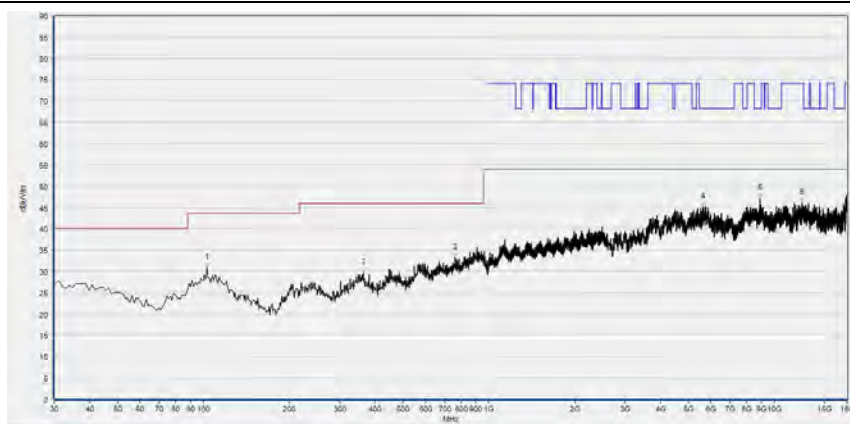
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 120



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
107.678	30.40	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
345.566	29.45	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
584.424	32.86	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4488.418	44.59	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
9075.455	46.06	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12156.071	46.56	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

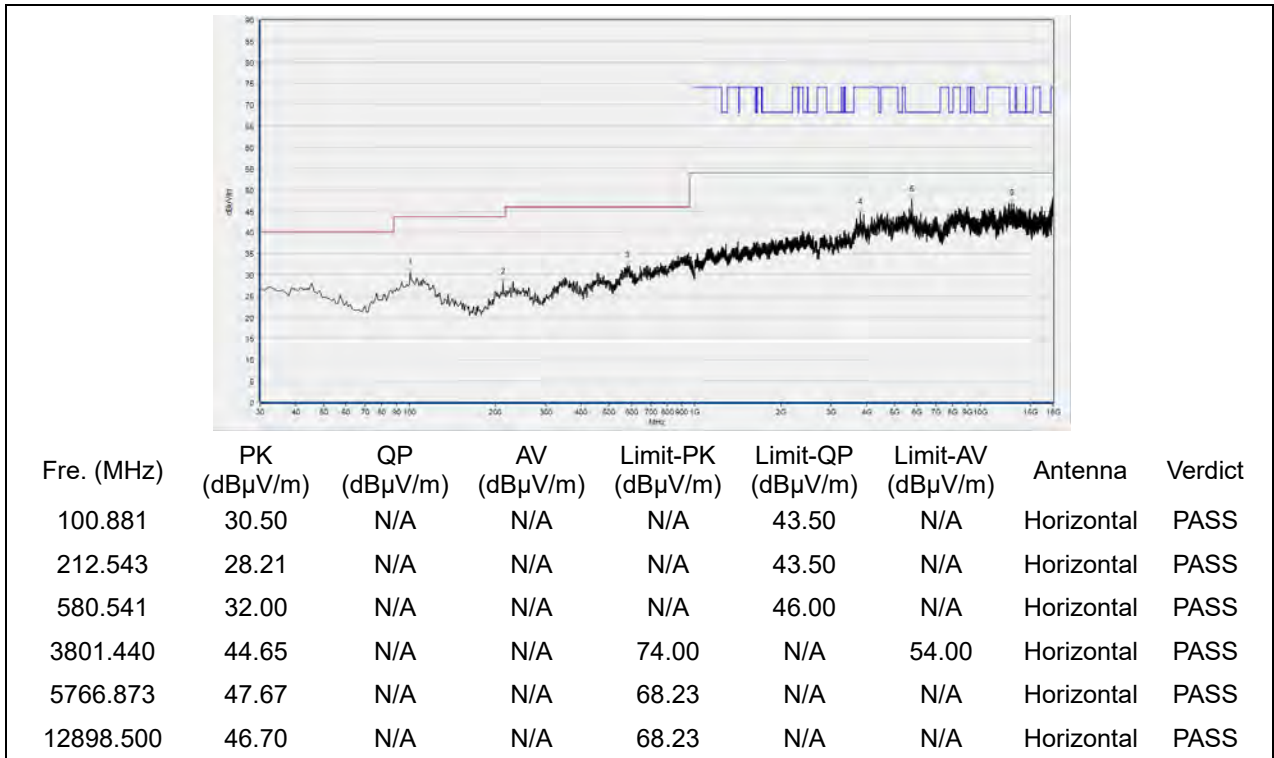
(Antenna Horizontal, 30MHz to 18GHz)



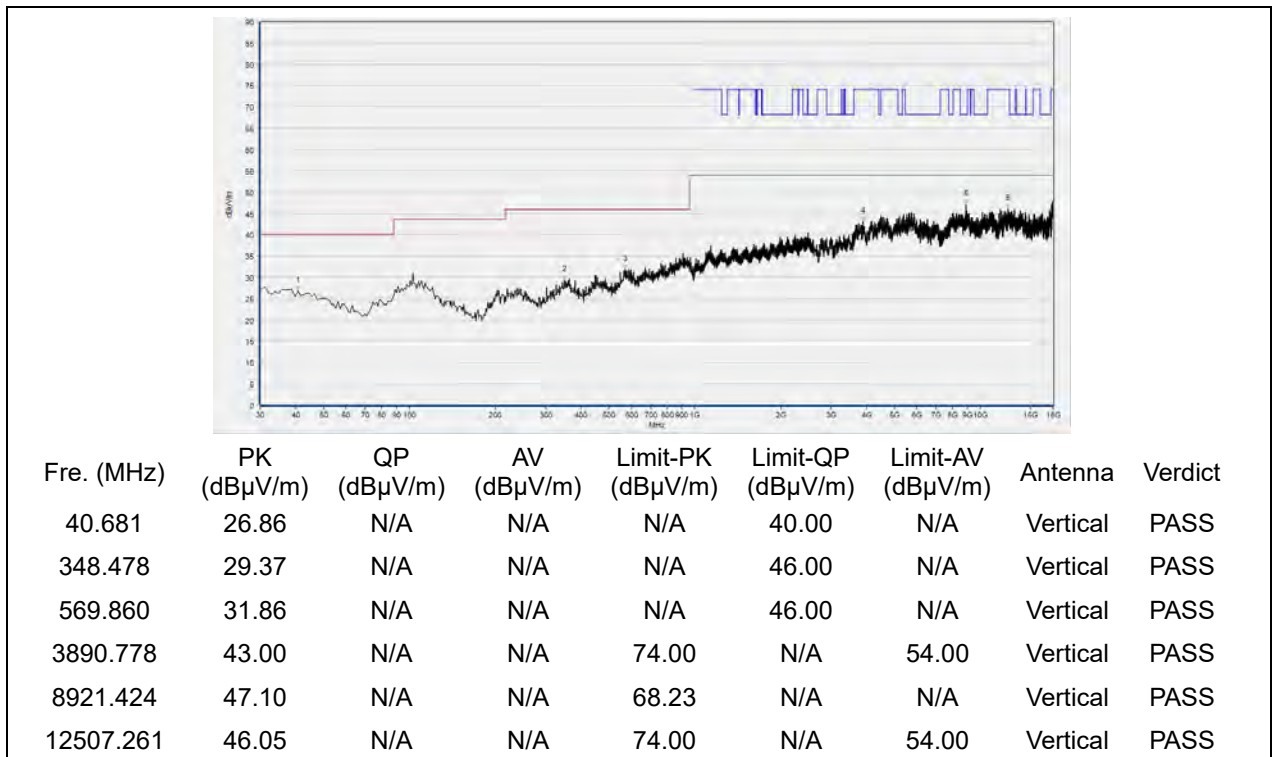
Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
102.823	30.90	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
363.043	29.64	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
762.112	33.22	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5606.681	45.12	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8921.424	47.10	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12507.261	46.05	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 144

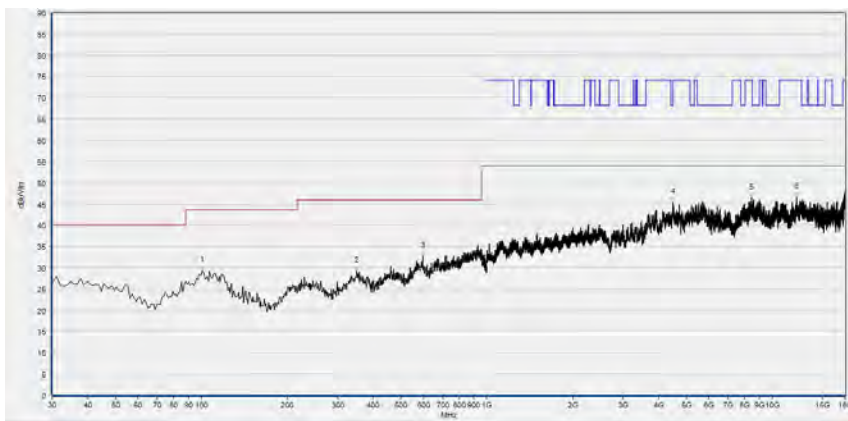


(Antenna Horizontal, 30MHz to 18GHz)



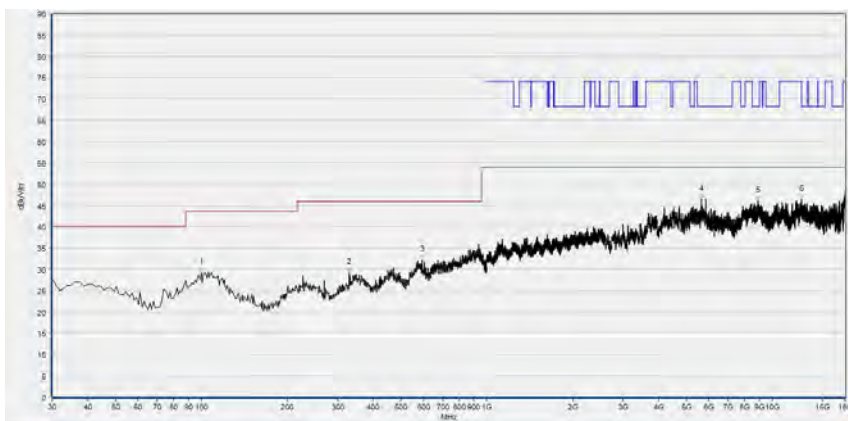
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 149



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

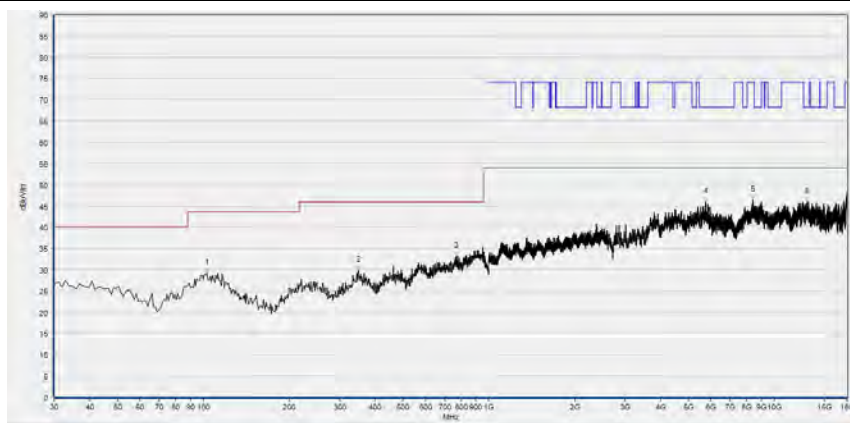
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
99.910	29.18	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
329.059	29.12	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
592.192	32.13	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5646.729	46.36	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8924.505	46.04	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12630.486	46.50	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

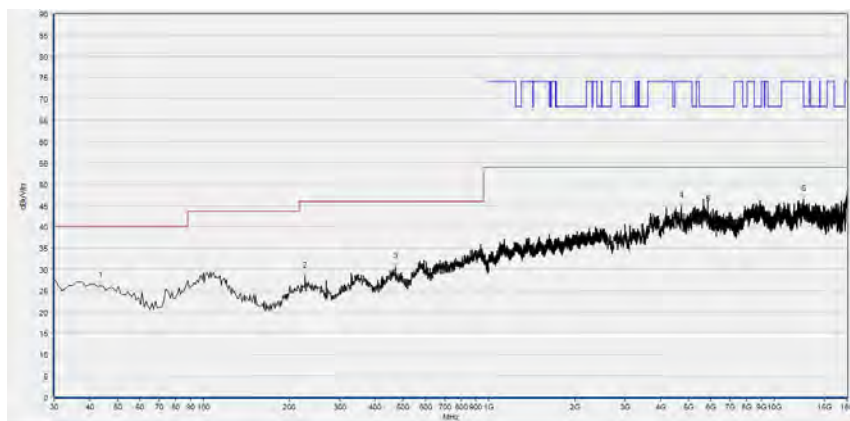
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 157



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
102.823	29.20	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
348.478	29.91	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
767.938	33.21	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5748.390	45.88	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8388.478	46.49	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
13064.853	45.99	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

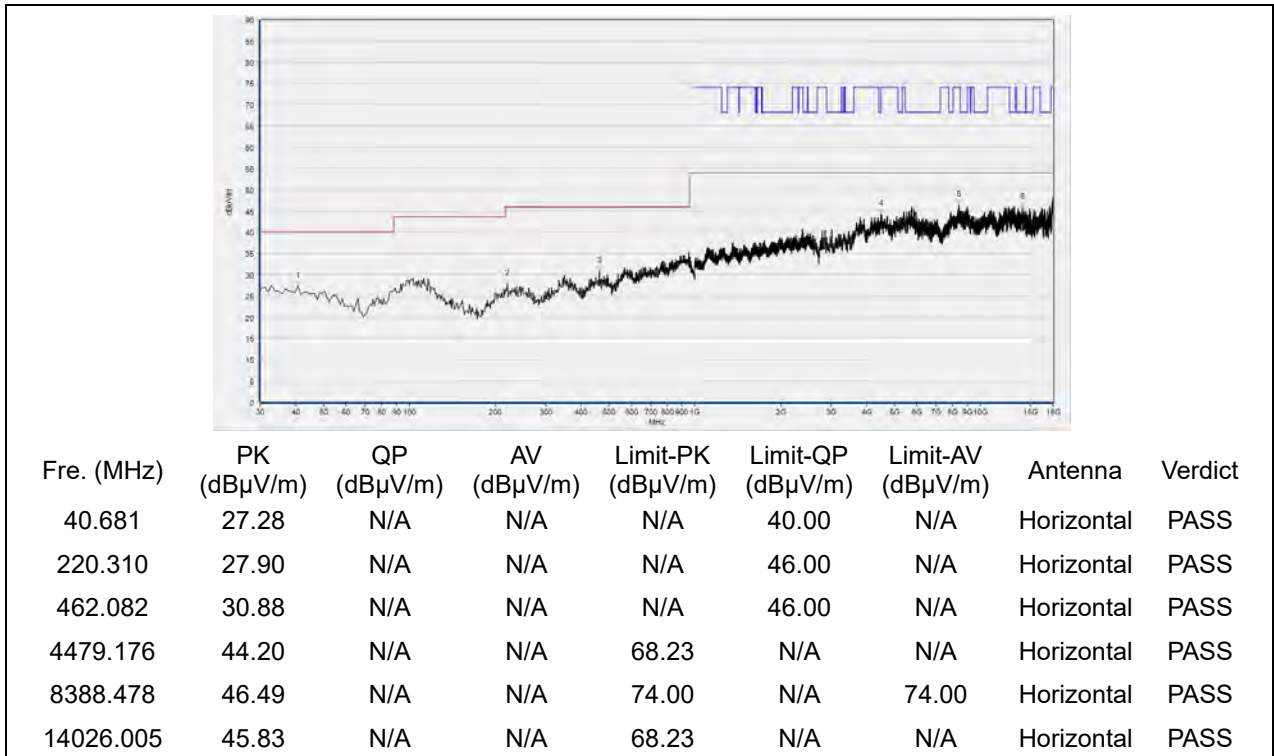
(Antenna Horizontal, 30MHz to 18GHz)



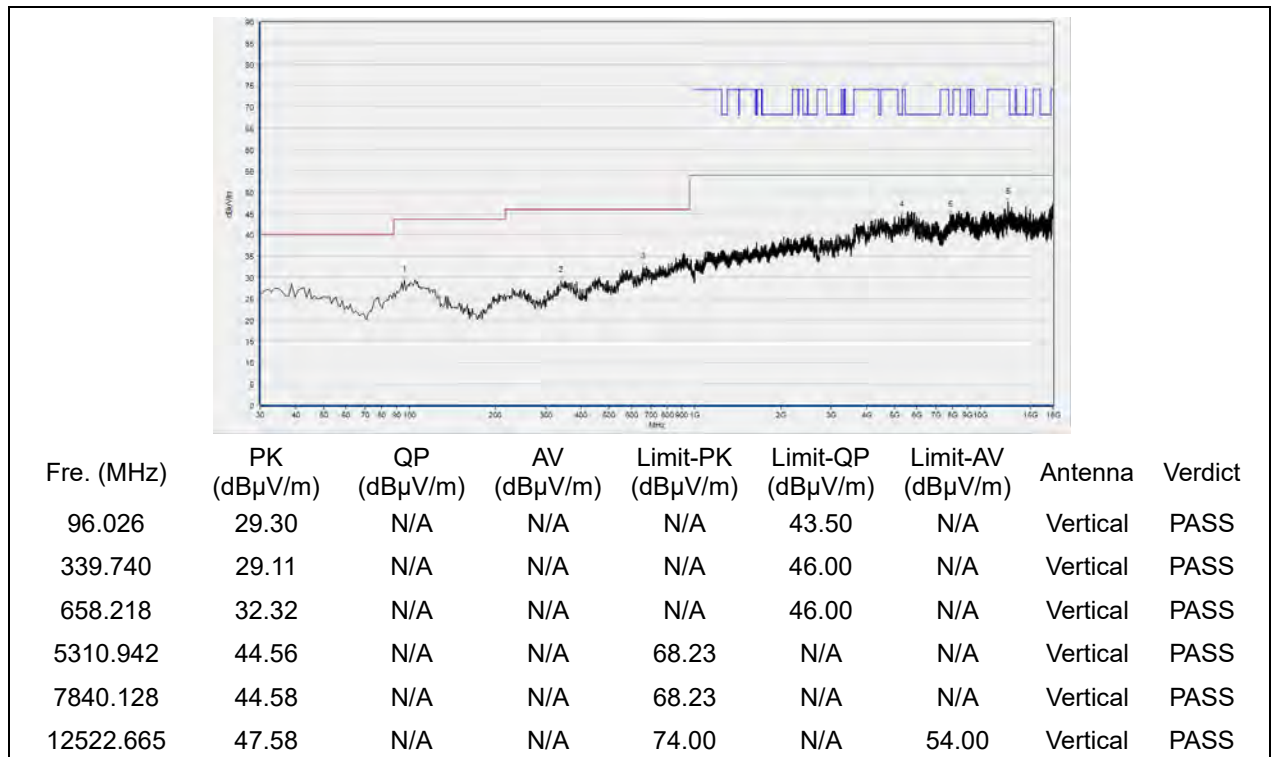
Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
43.594	26.20	N/A	N/A	N/A	40.00	N/A	Vertical	PASS
227.107	28.35	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
472.763	30.54	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4716.383	44.70	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5859.292	46.35	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12630.486	46.50	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 165



(Antenna Horizontal, 30MHz to 18GHz)



(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	$\pm 2.22\text{dB}$
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

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

2. Identification of the Responsible Testing Location

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

3. Facilities and Accreditations

All measurement facilities used to collect the measurement data are located at FL.3, Building A, FeiYang Science Park, Block 67, BaoAn District, Shenzhen, 518101 P. R. China. The test site is constructed in conformance with the requirements of ANSI C63.10-2013 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	Due Date
Attenuator 1	N/A	10dB	Resnet	N/A	N/A
EXA Signal Analyzer	MY53470836	N9010A	Agilent	2022.03.01	2023.02.28
USB Wideband Power Sensor	MY54180008	U2021XA	Agilent	2021.10.21	2022.10.20
RF Cable (30MHz-26GHz)	CB01	RF01	Morlab	N/A	N/A
Coaxial Cable	CB02	RF02	Morlab	N/A	N/A
SMA Connector	CN01	RF03	HUBER-SUHNER	N/A	N/A
Temperature Chamber	12108015	DTL-003S101	YOMA	2021.10.20	2022.10.19

4.2 Conducted Emission Test Equipments

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

4.3 List of Software Used

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



4.4 Radiated Test Equipments

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Receiver	MY54130016	N9038A	Agilent	2021.07.16	2022.07.15
Test Antenna - Bi-Log	9163-519	VULB 9163	Schwarzbeck	2019.05.24	2022.05.23
Test Antenna - Horn	BBHA9170 #774	BBHA 9170	Schwarzbeck	2022.02.11	2025.02.10
Test Antenna - Loop	1519-022	FMZB1519	Schwarzbeck	2019.07.26	2022.07.25
Test Antenna - Horn	01774	BBHA 9120D	Schwarzbeck	2019.07.26	2022.07.25
Coaxial Cable (N male) (9KHz-30MHz)	CB04	EMC04	Morlab	N/A	N/A
Coaxial Cable (N male) (30MHz-26GHz)	CB02	EMC02	Morlab	N/A	N/A
Coaxial Cable (N male) (30MHz-26GHz)	CB03	EMC03	Morlab	N/A	N/A
Coaxial Cable (N male) (30MHz-40GHz)	CB05	EMC05	Morlab	N/A	N/A
1-18GHz pre-Amplifier	61171/61172	S020180L32 03	Tonscend	2021.07.16	2022.07.15
18-26.5GHz pre-Amplifier	46732	S10M100L38 02	Tonscend	2021.07.16	2022.07.15
26-40GHz pre-Amplifier	56774	S40M400L40 02	Tonscend	2021.07.16	2022.07.15
Notch Filter	N/A	WRCG-5150-5350	Wainwright	2021.07.16	2022.07.15
Notch Filter	N/A	WRCG-5470-5725	Wainwright	2021.07.16	2022.07.15
Notch Filter	N/A	WRCG-5725-5850	Wainwright	2021.07.16	2022.07.15



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

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