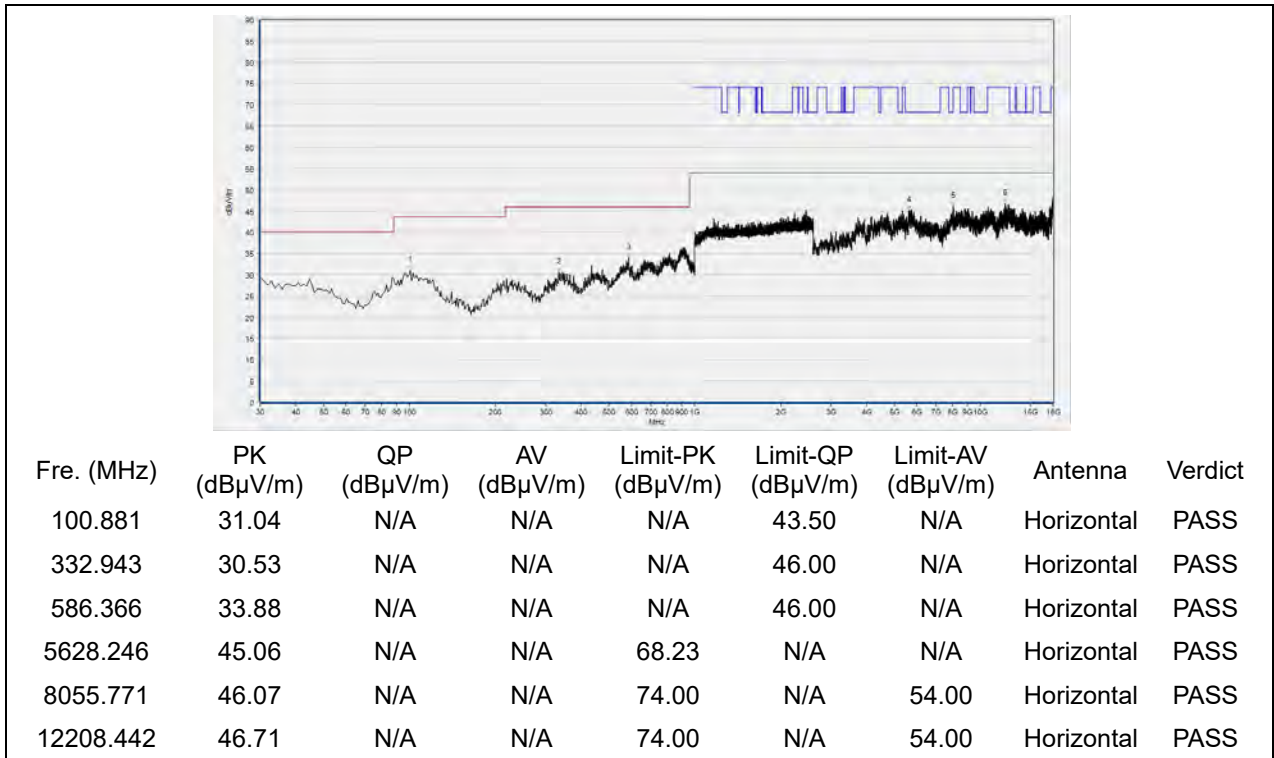
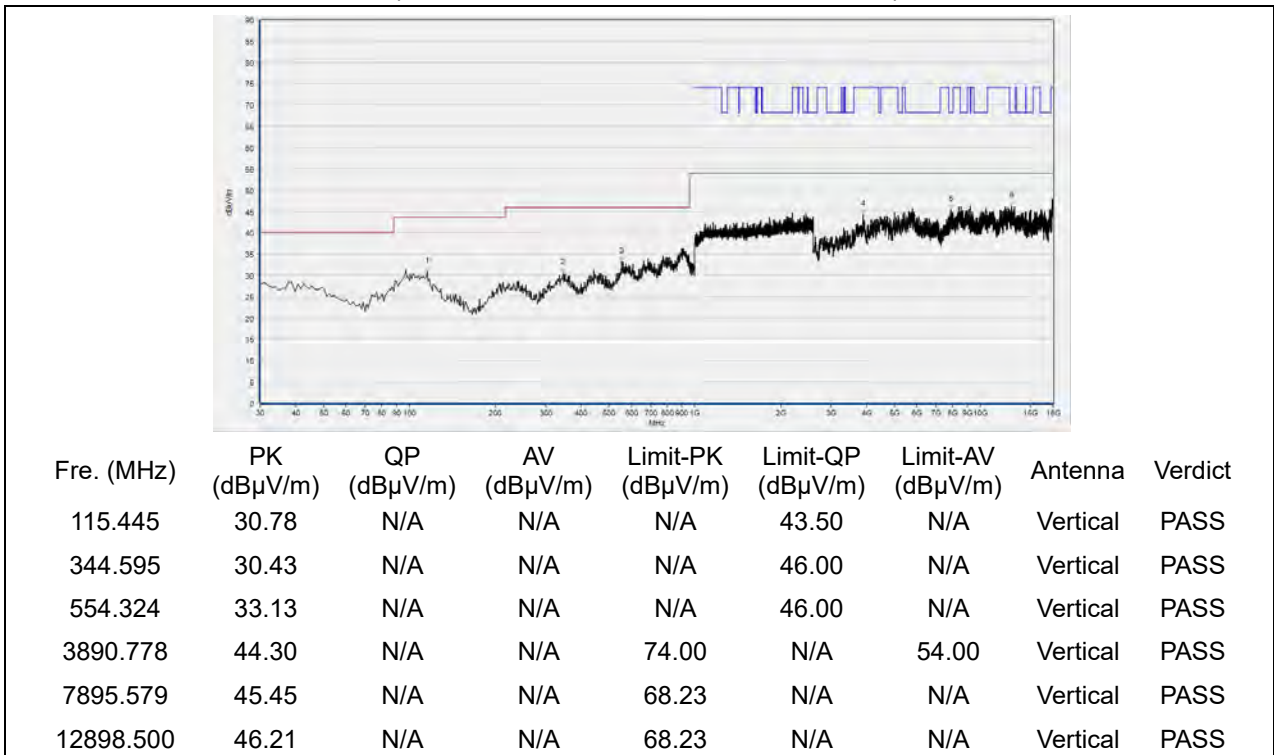


Plot for Channel 52

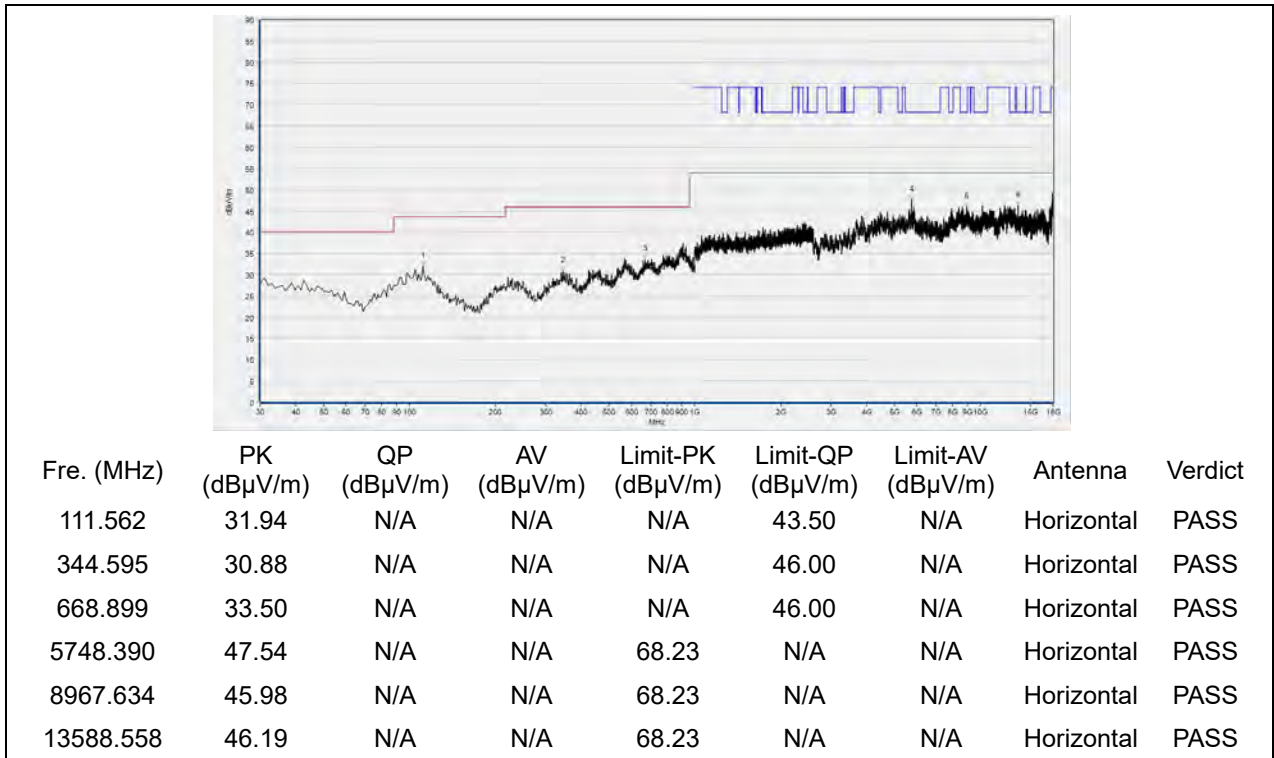


(Antenna Horizontal, 30MHz to 18GHz)

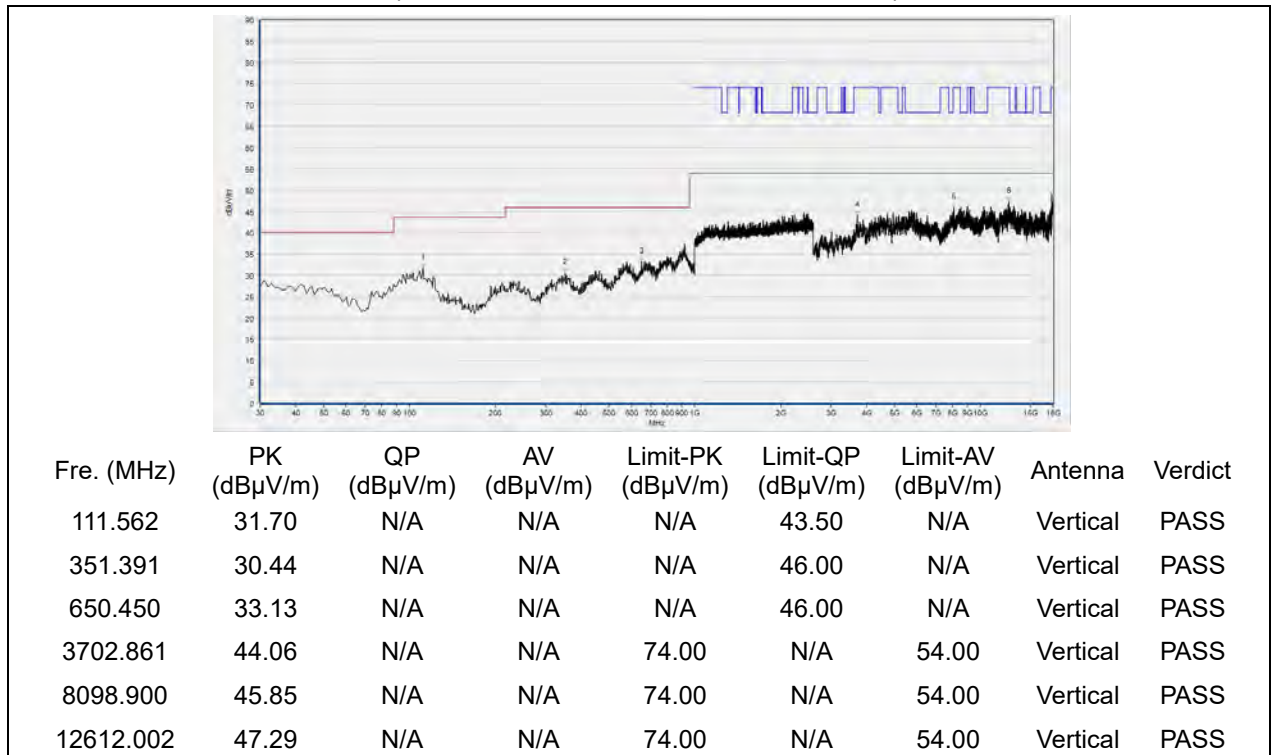


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 60

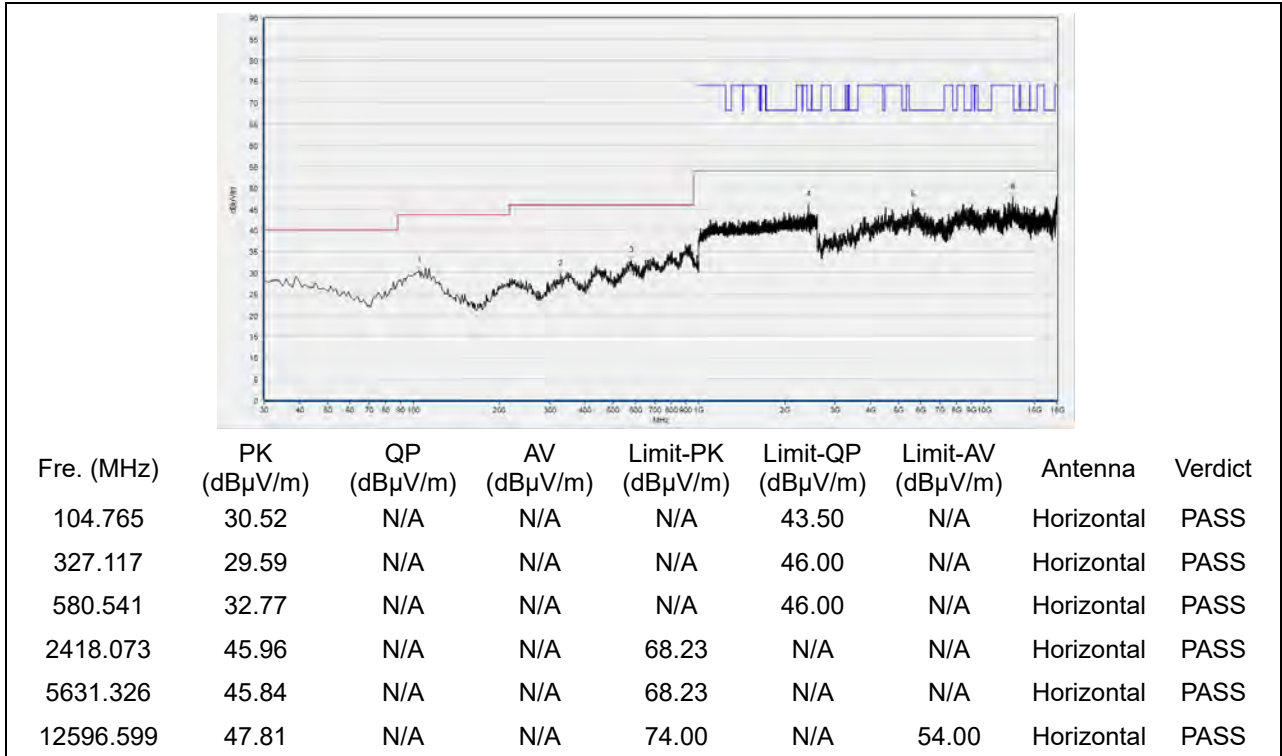


(Antenna Horizontal, 30MHz to 18GHz)

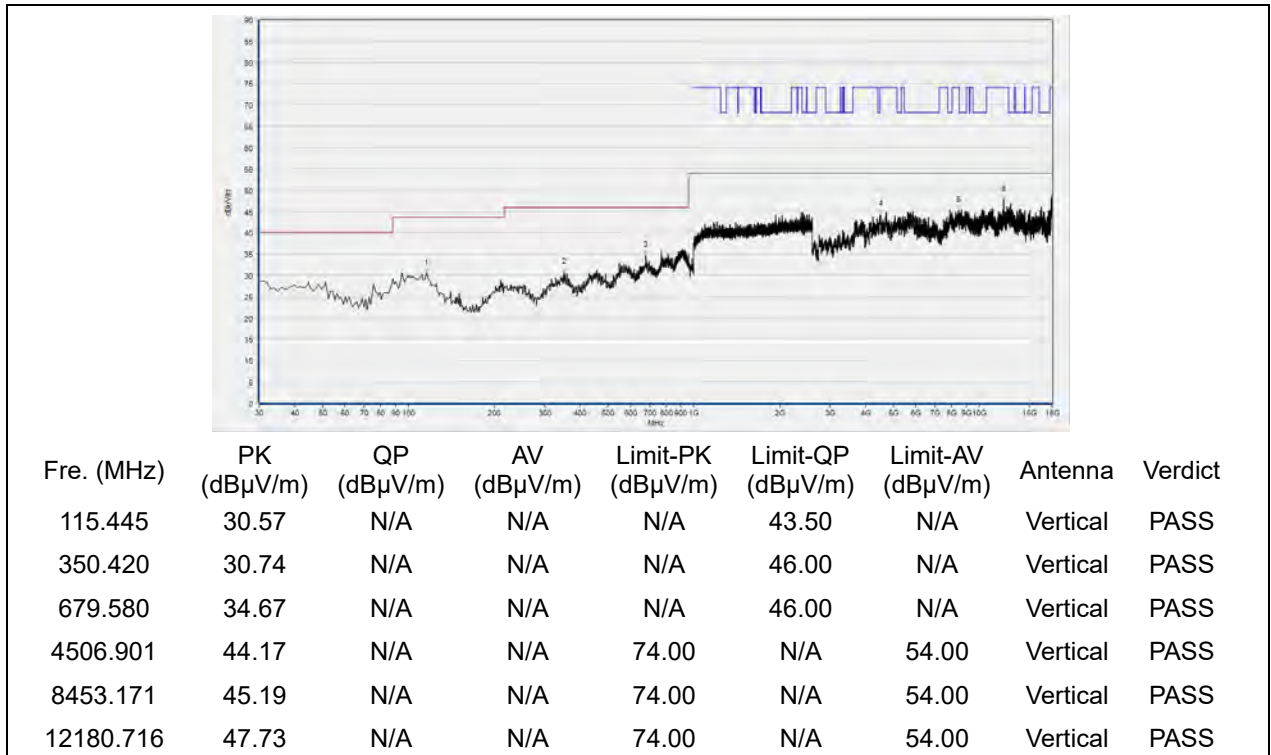


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 64

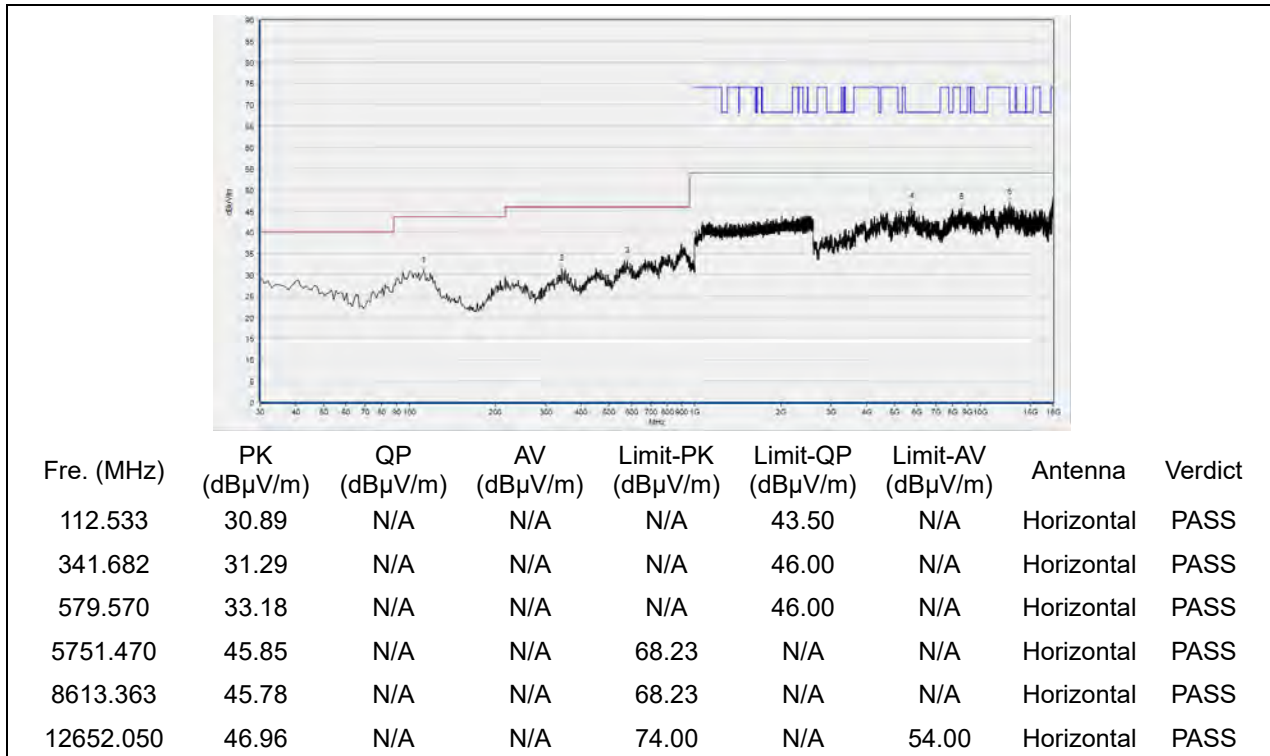


(Antenna Horizontal, 30MHz to 18GHz)

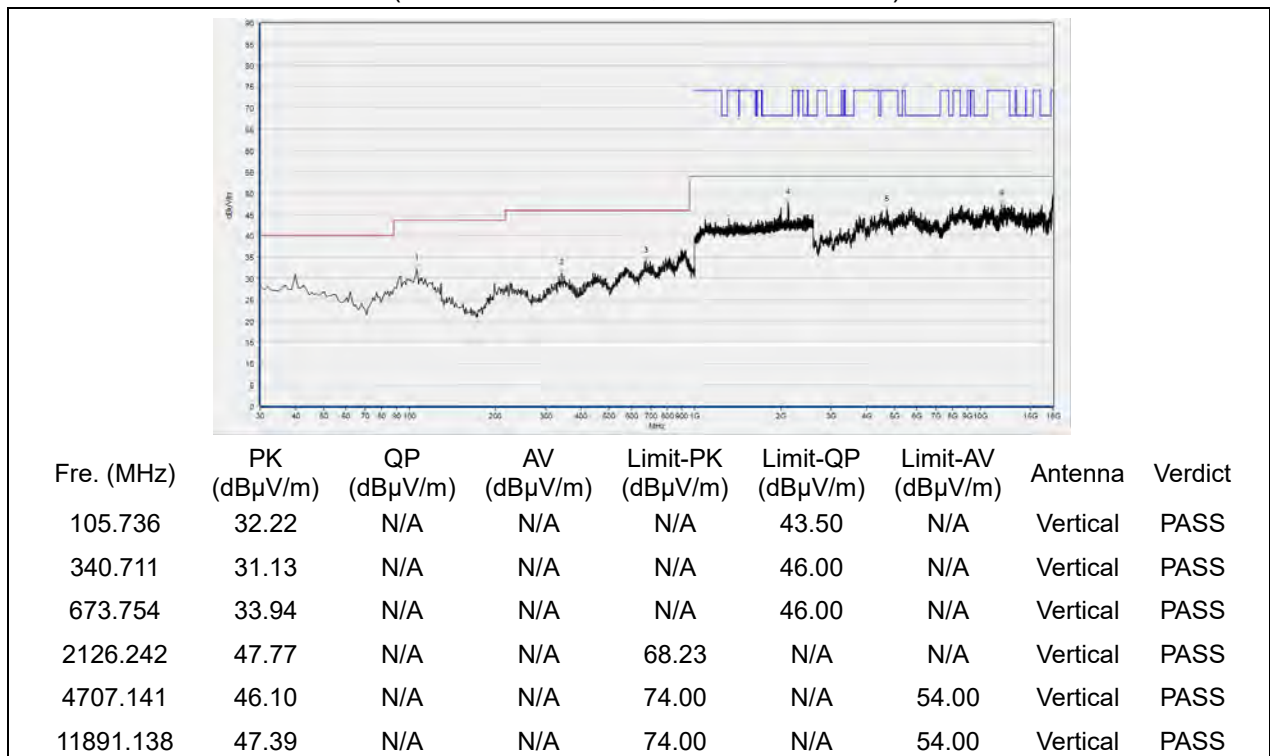


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 100

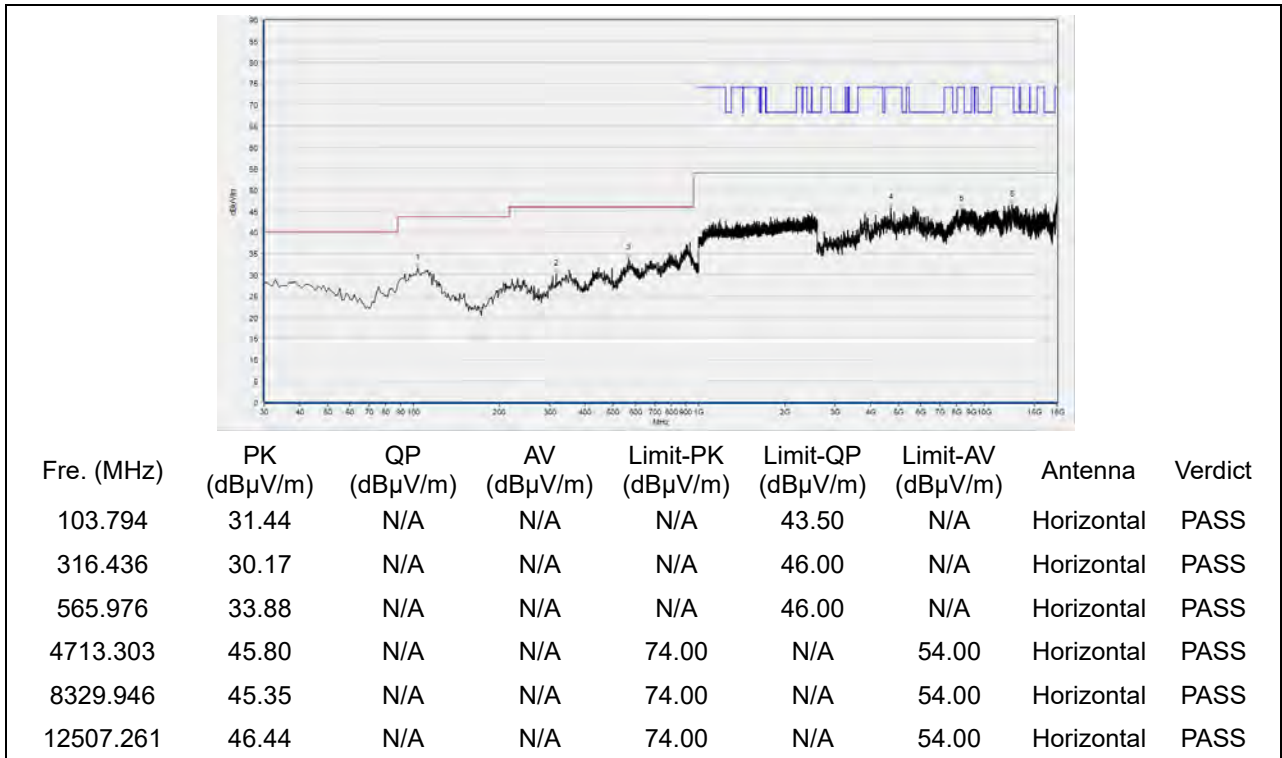


(Antenna Horizontal, 30MHz to 18GHz)

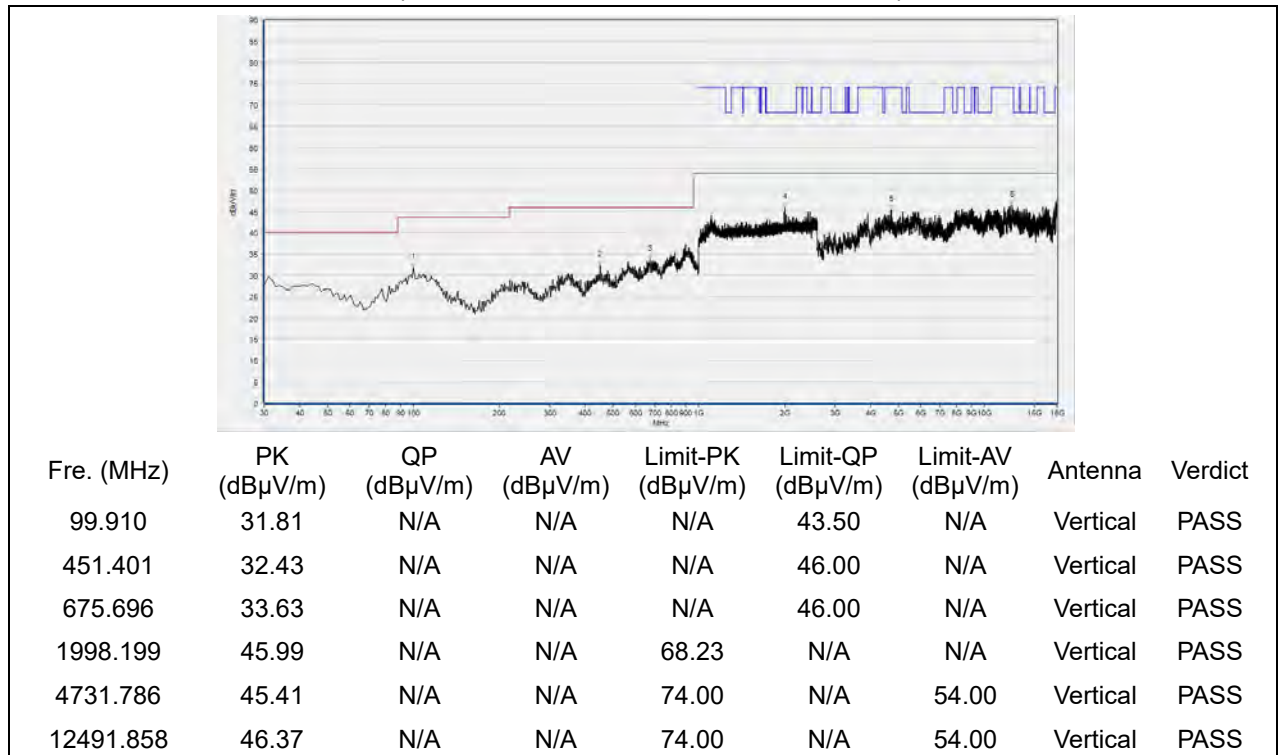


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 120

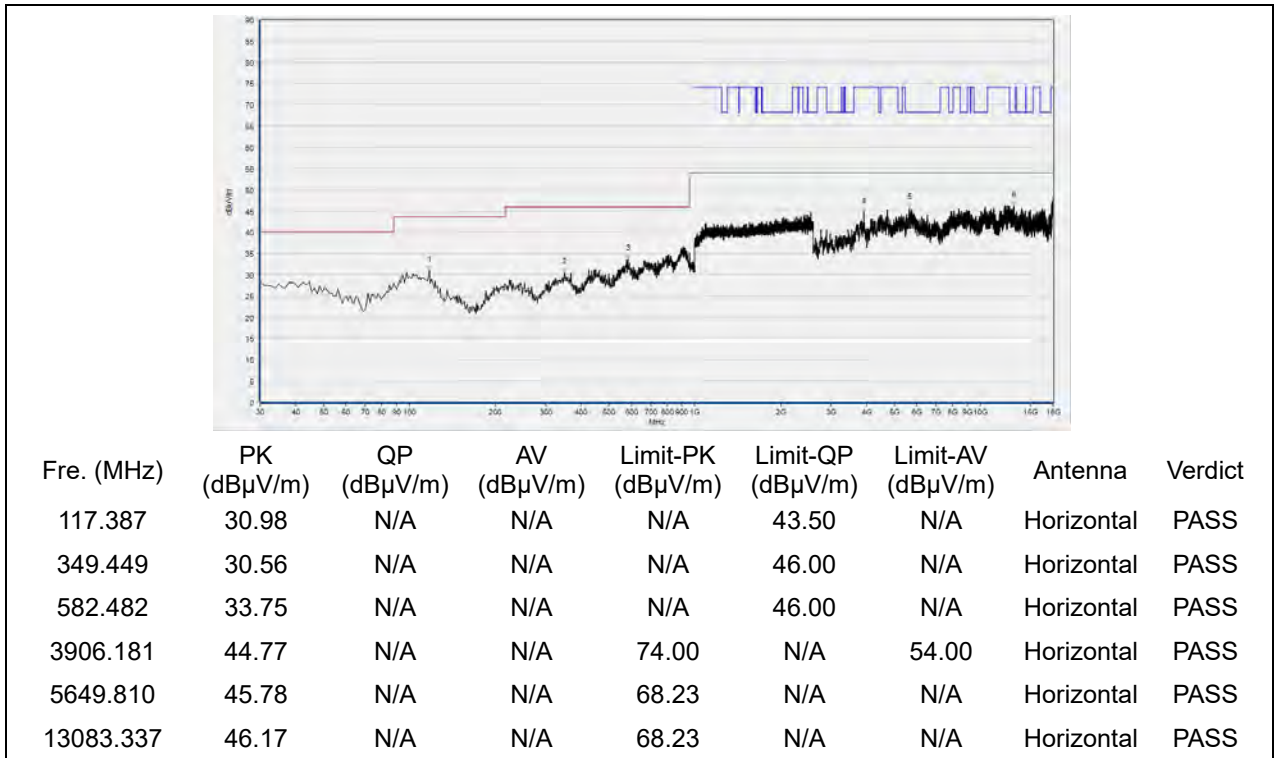


(Antenna Horizontal, 30MHz to 18GHz)

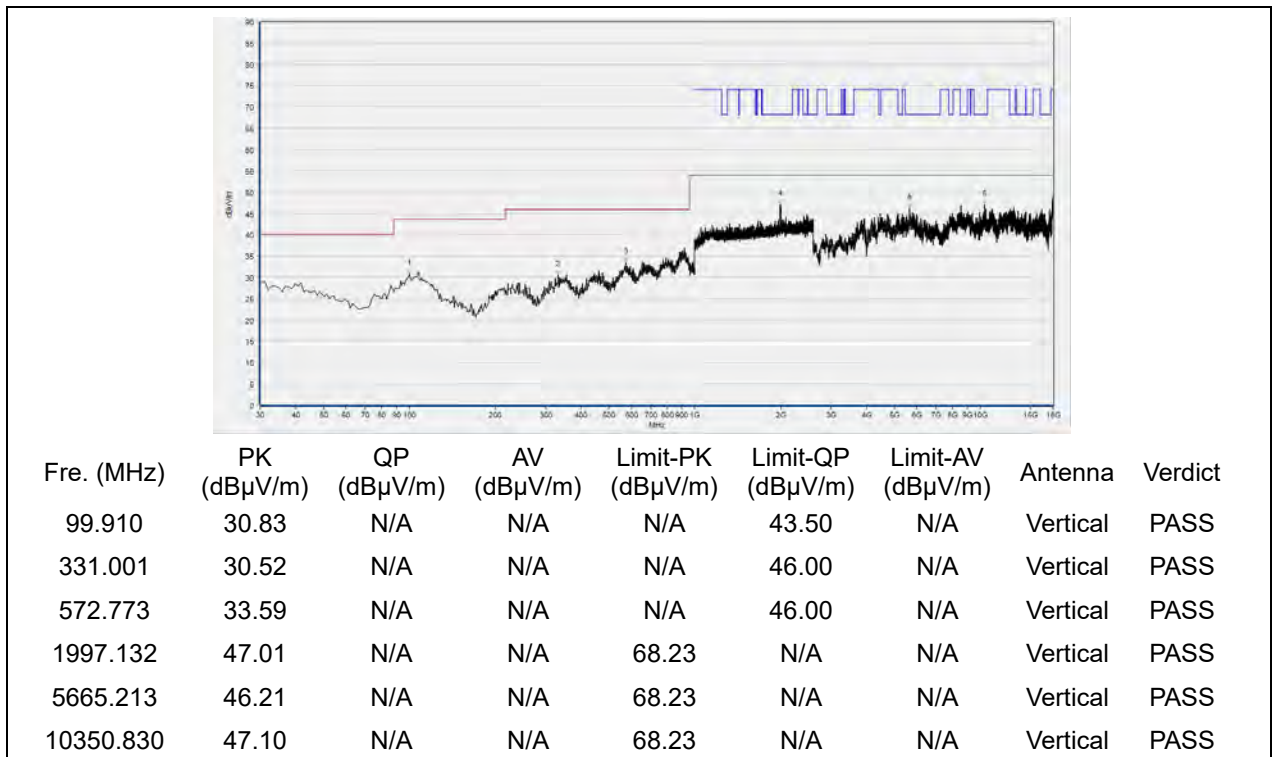


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 144

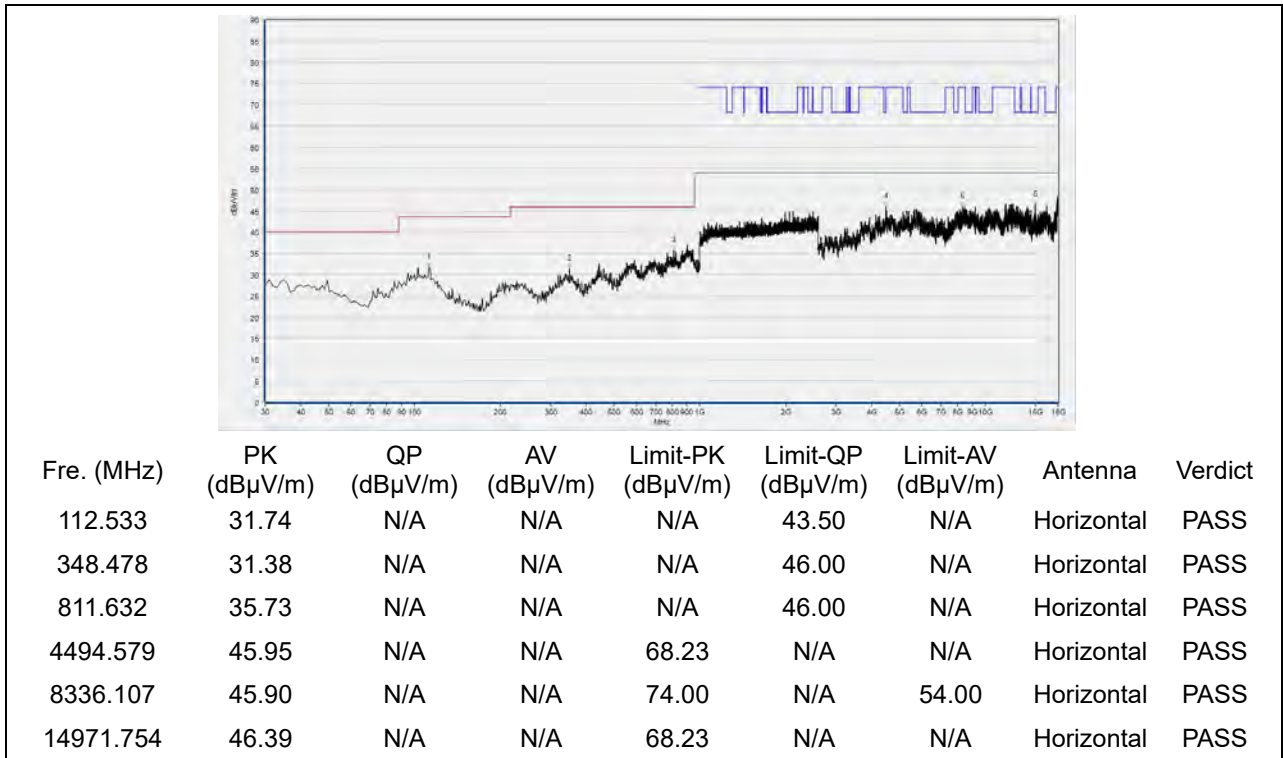


(Antenna Horizontal, 30MHz to 18GHz)

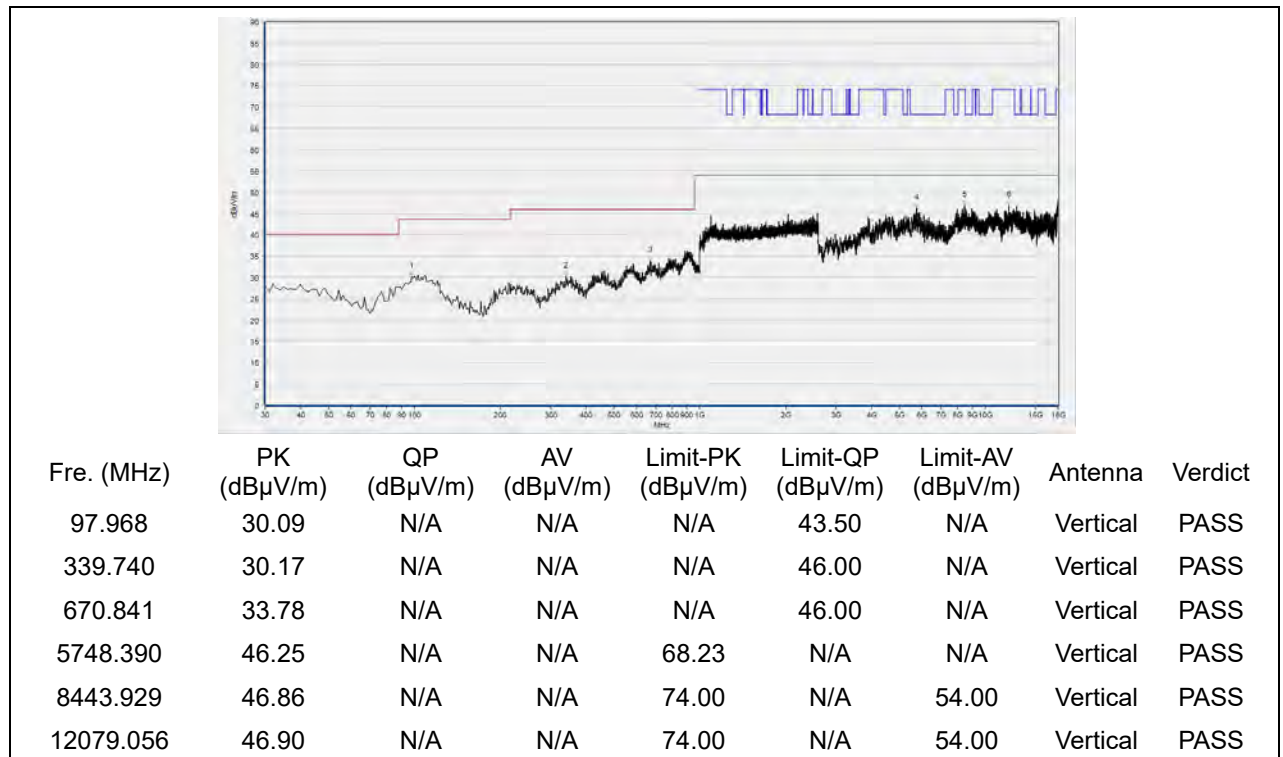


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 149

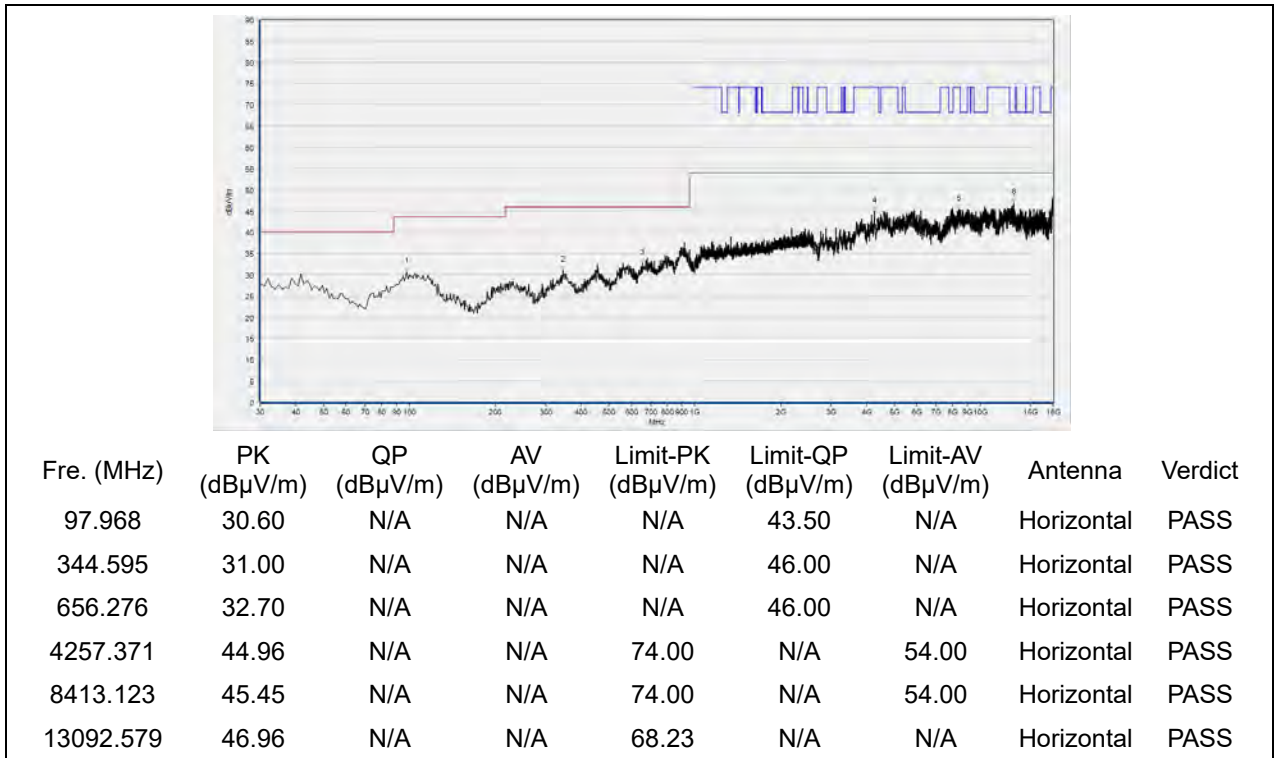


(Antenna Horizontal, 30MHz to 18GHz)

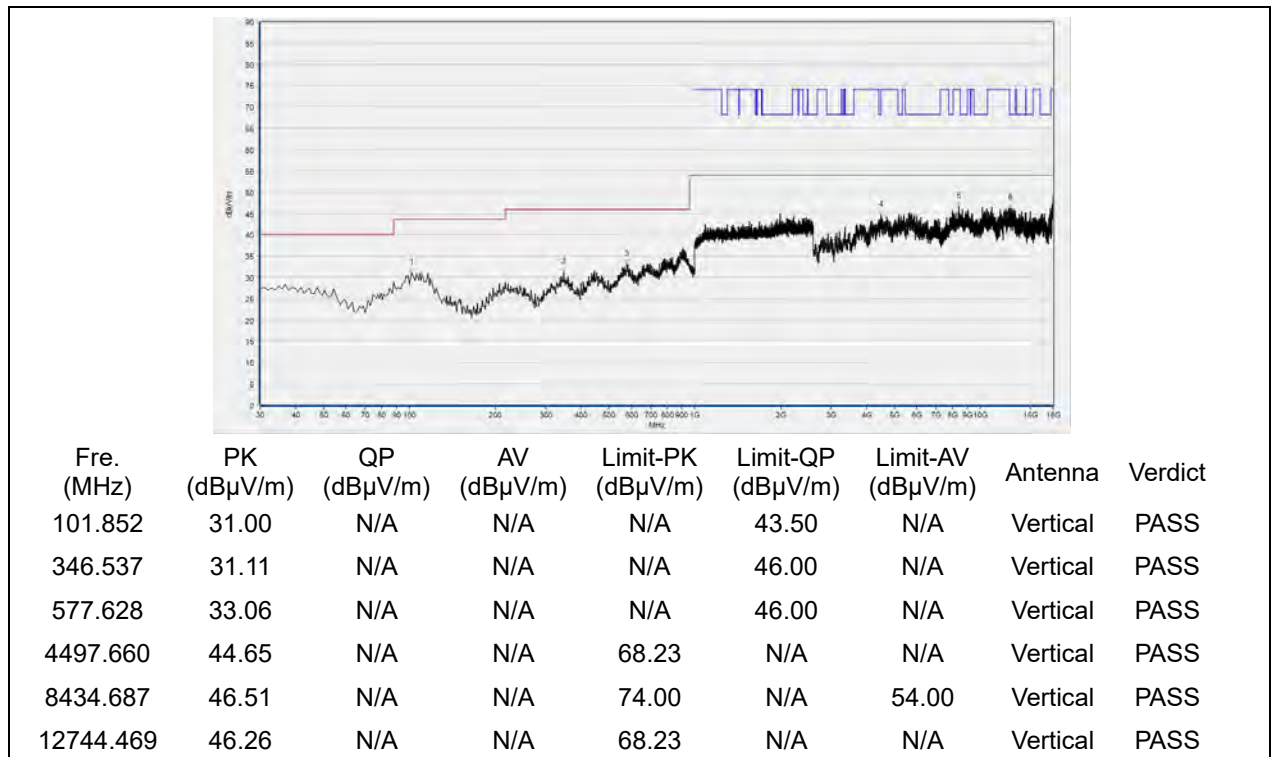


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 157



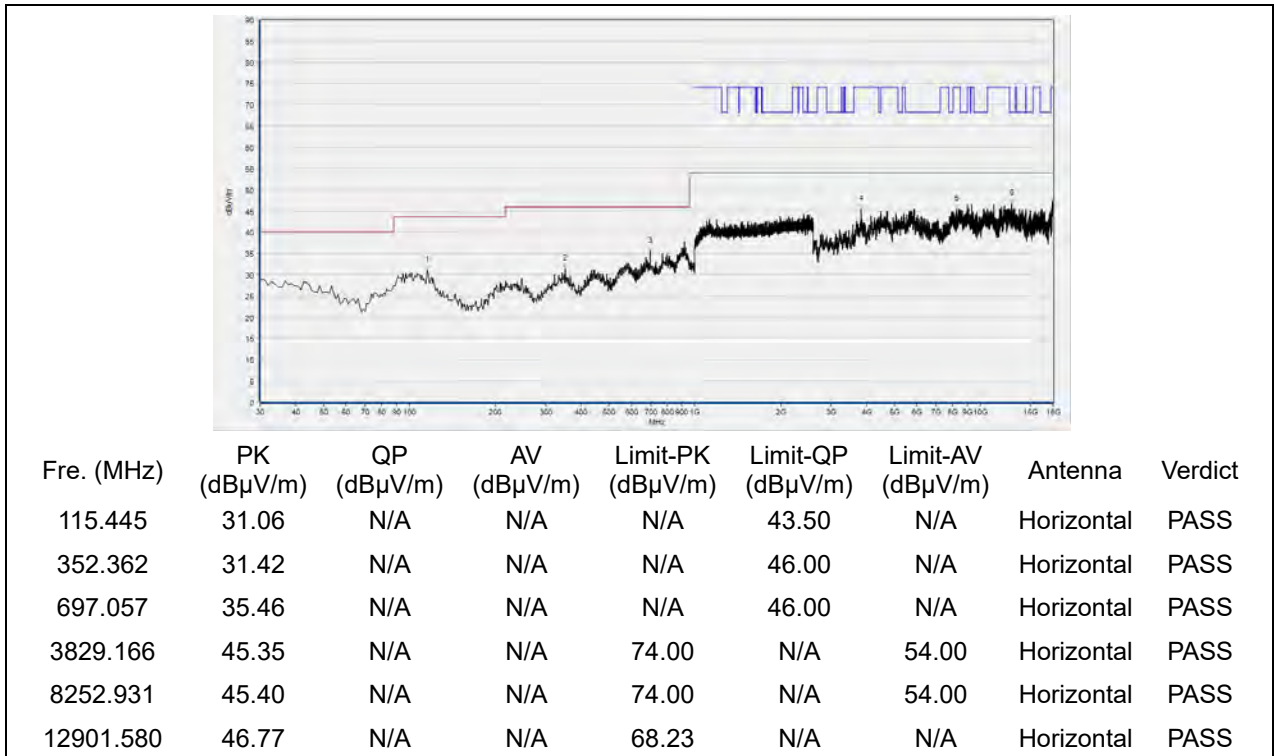
(Antenna Horizontal, 30MHz to 18GHz)



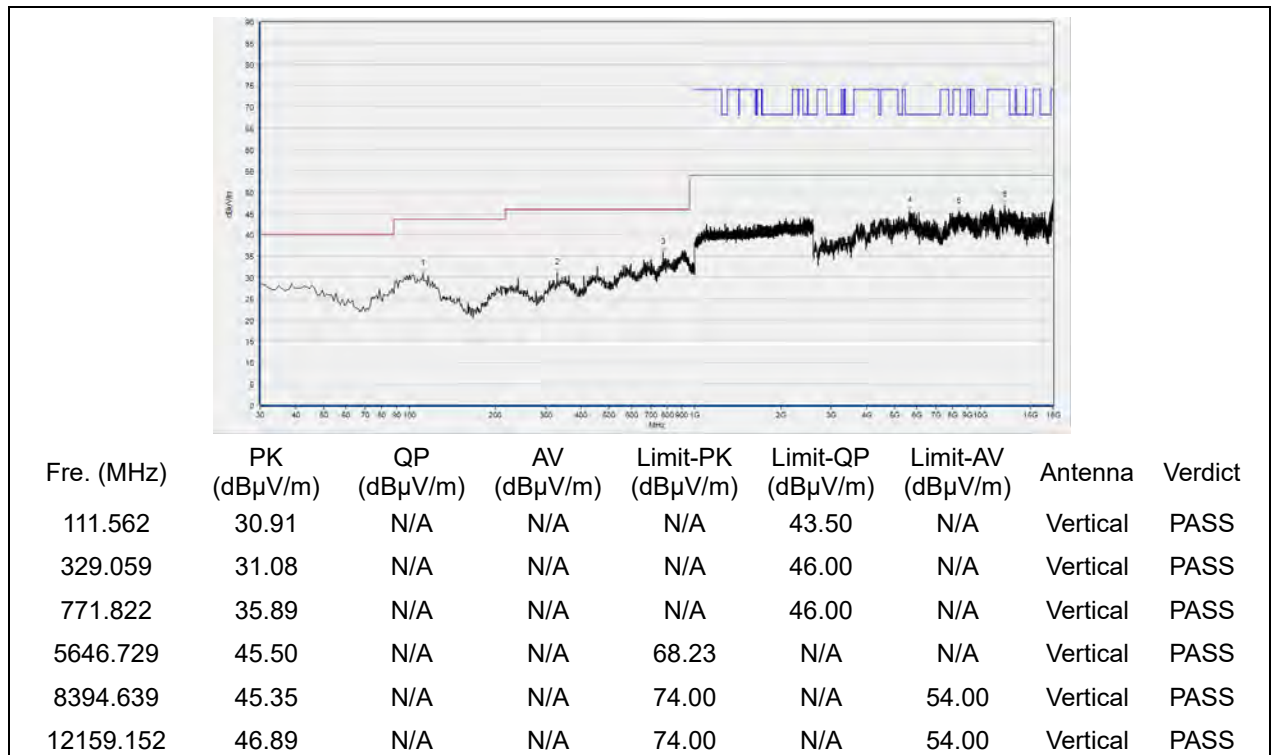
(Antenna Vertical, 30MHz to 18GHz)



Plot for Channel 165



(Antenna Horizontal, 30MHz to 18GHz)

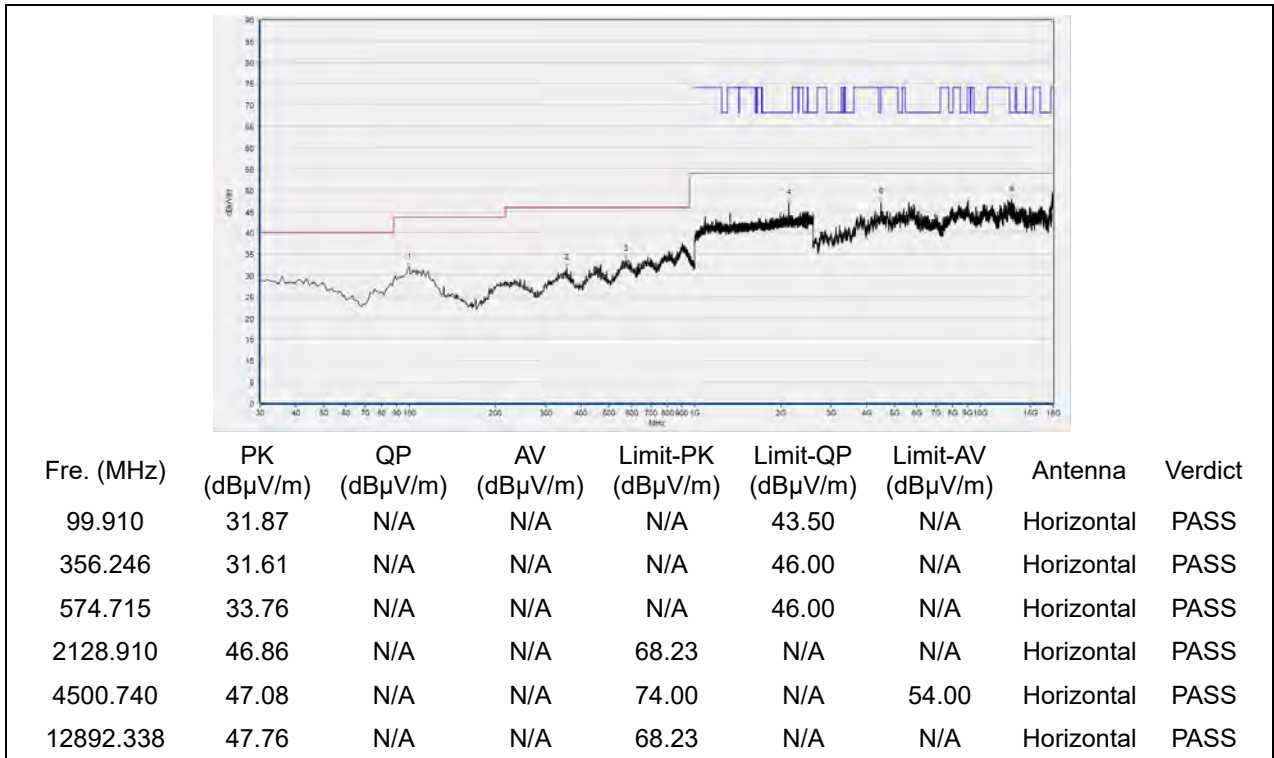


(Antenna Vertical, 30MHz to 18GHz)

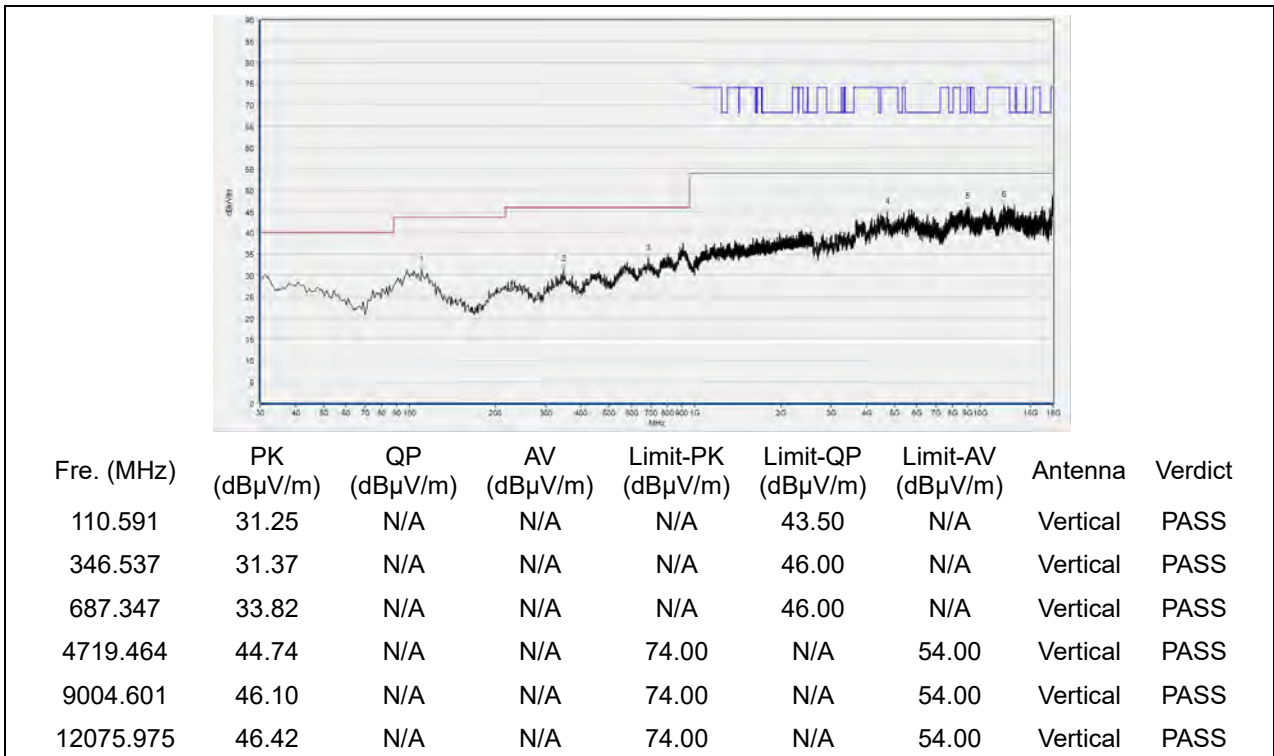


**802.11ax (HEW20) RU52 Mode**

Plot for Channel 36

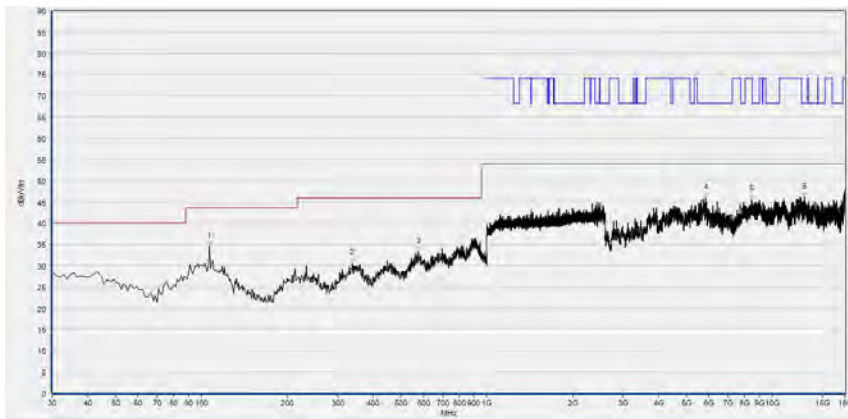


(Antenna Horizontal, 30MHz to 18GHz)



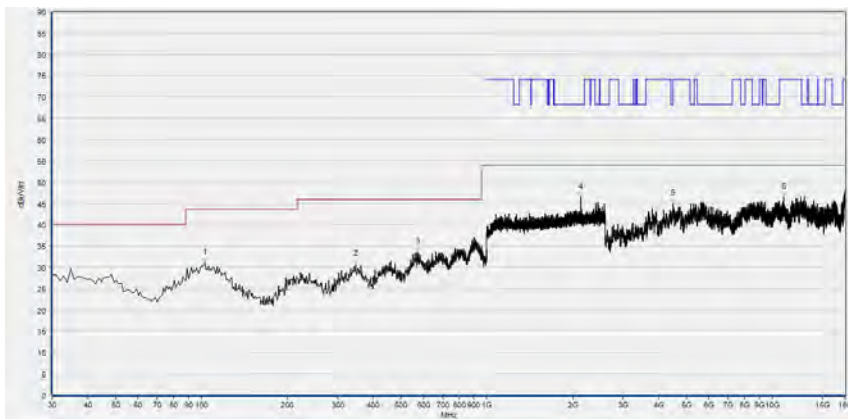
(Antenna Vertical, 30MHz to 18GHz)

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
106.707	34.46	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
337.798	30.57	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
575.686	33.31	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5859.292	45.96	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8465.493	45.54	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12950.870	46.01	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

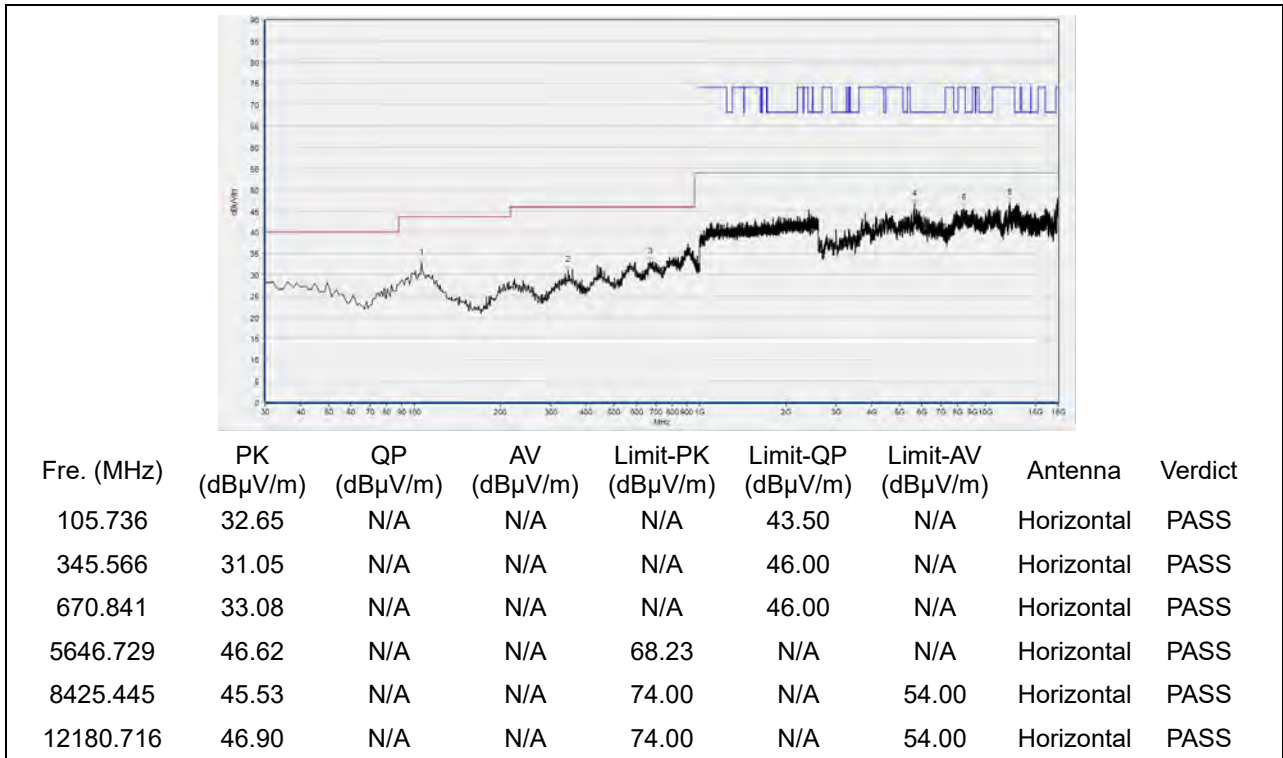
(Antenna Horizontal, 30MHz to 18GHz)



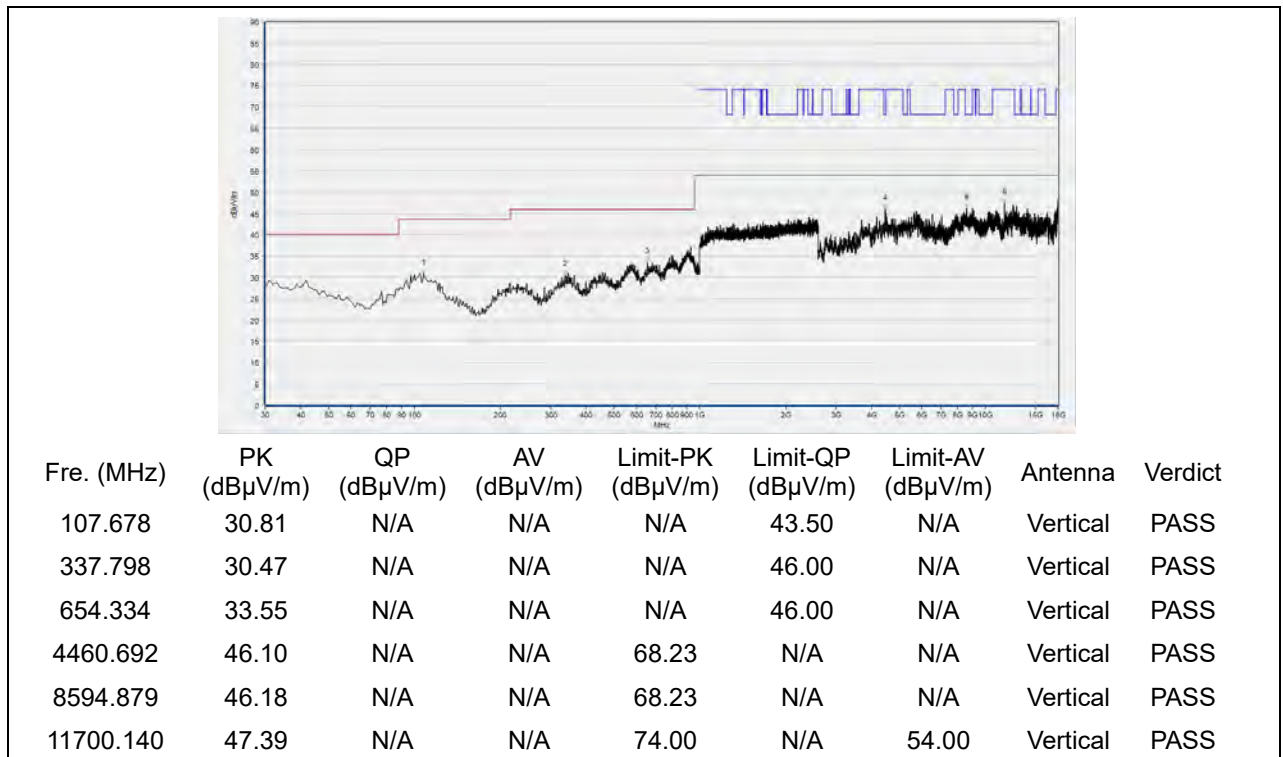
Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
102.823	31.08	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
346.537	30.66	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
572.773	33.49	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2131.577	46.44	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4500.740	44.91	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
10936.147	46.40	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 48

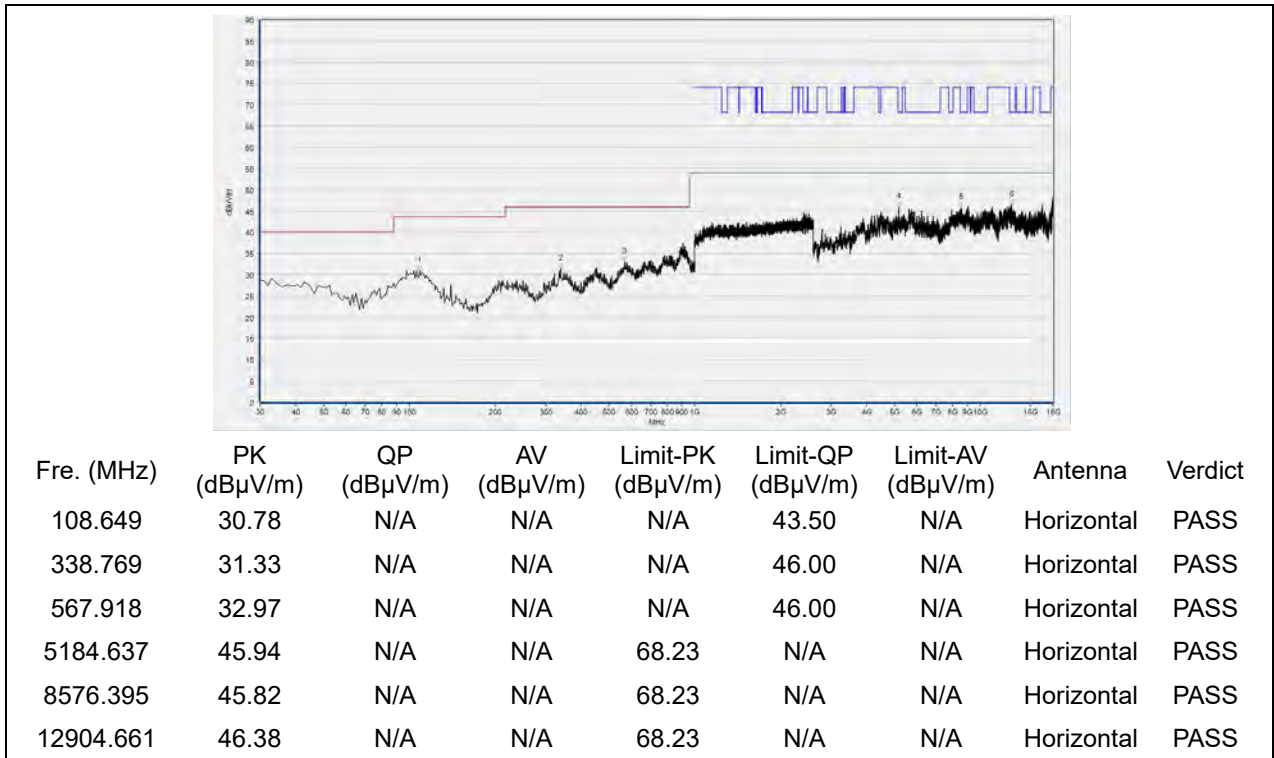


(Antenna Horizontal, 30MHz to 18GHz)

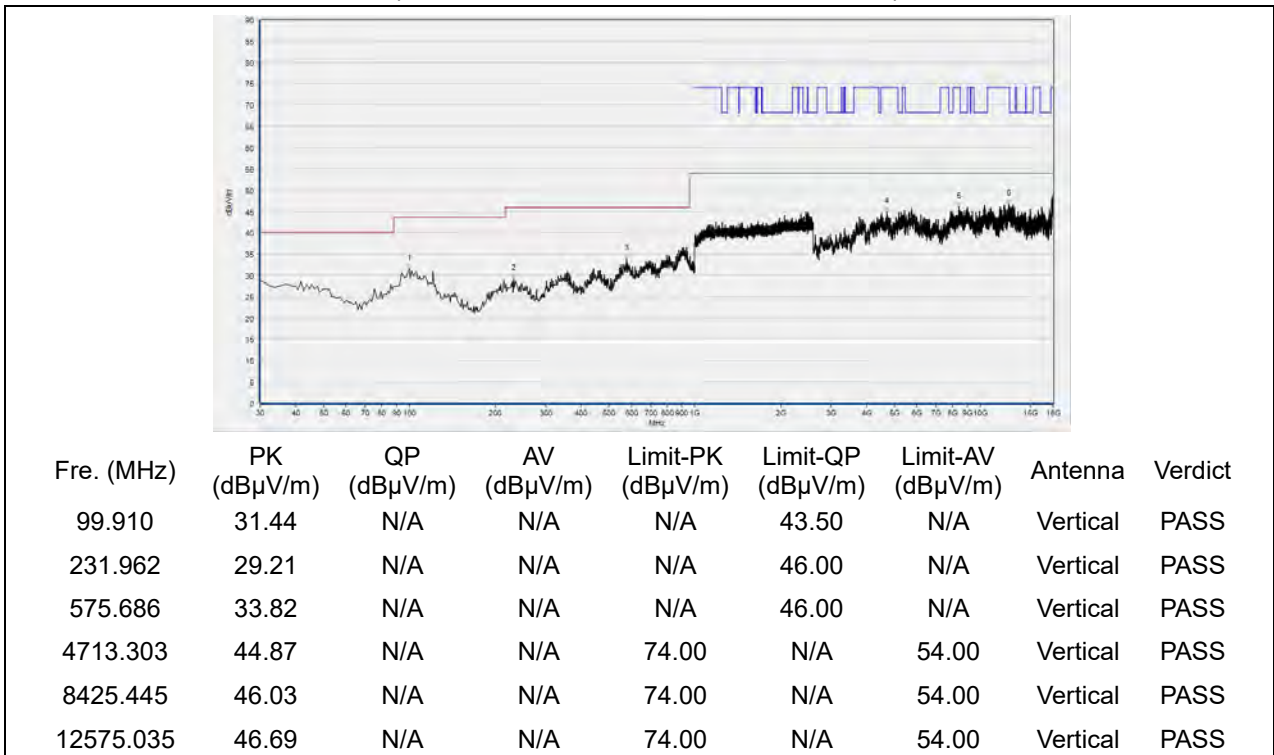


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 52

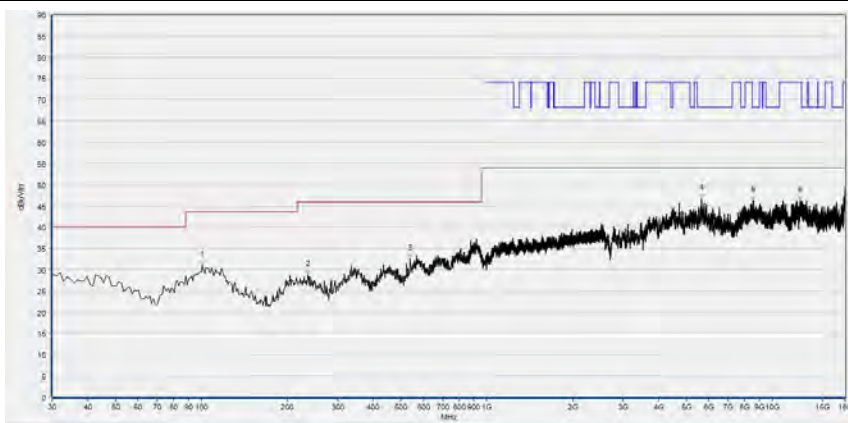


(Antenna Horizontal, 30MHz to 18GHz)



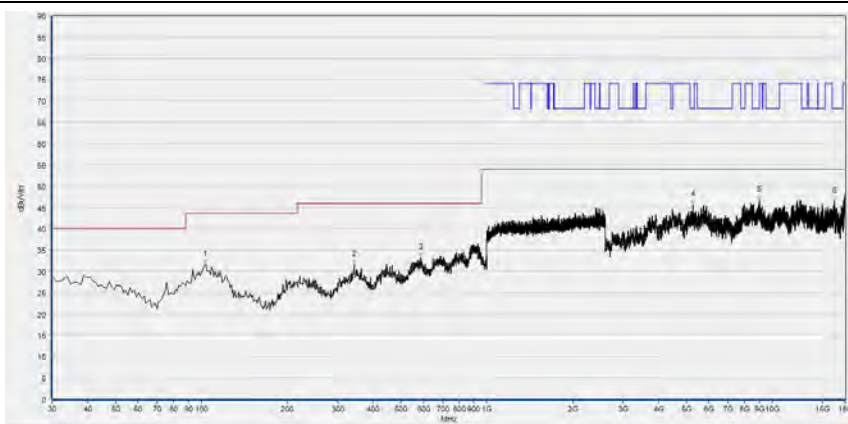
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 60



Fre. (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	31.05	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
235.846	28.75	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
539.760	32.46	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5646.729	46.73	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8576.395	46.20	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12510.342	46.26	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

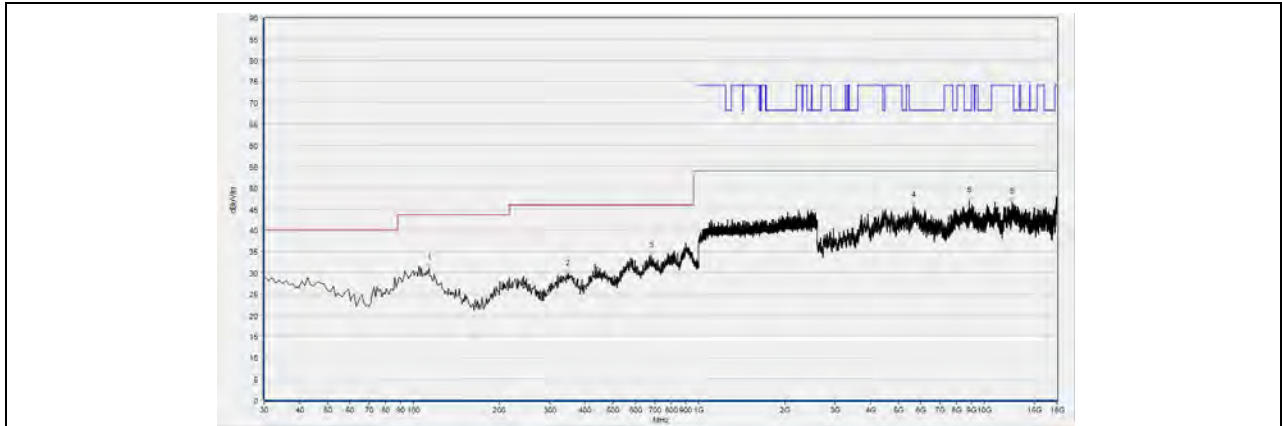
(Antenna Horizontal, 30MHz to 18GHz)



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	31.45	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
342.653	31.46	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
585.395	33.12	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5270.894	45.66	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9020.004	46.74	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
16542.869	46.36	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

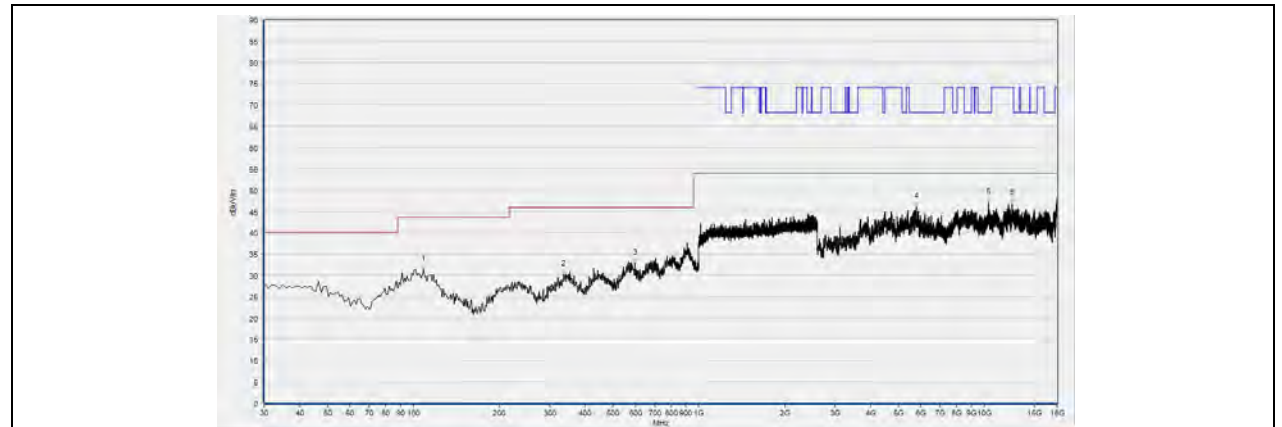
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 64



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
113.504	31.09	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
346.537	29.69	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
681.522	33.87	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5652.891	45.76	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8853.651	46.88	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12541.148	46.55	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

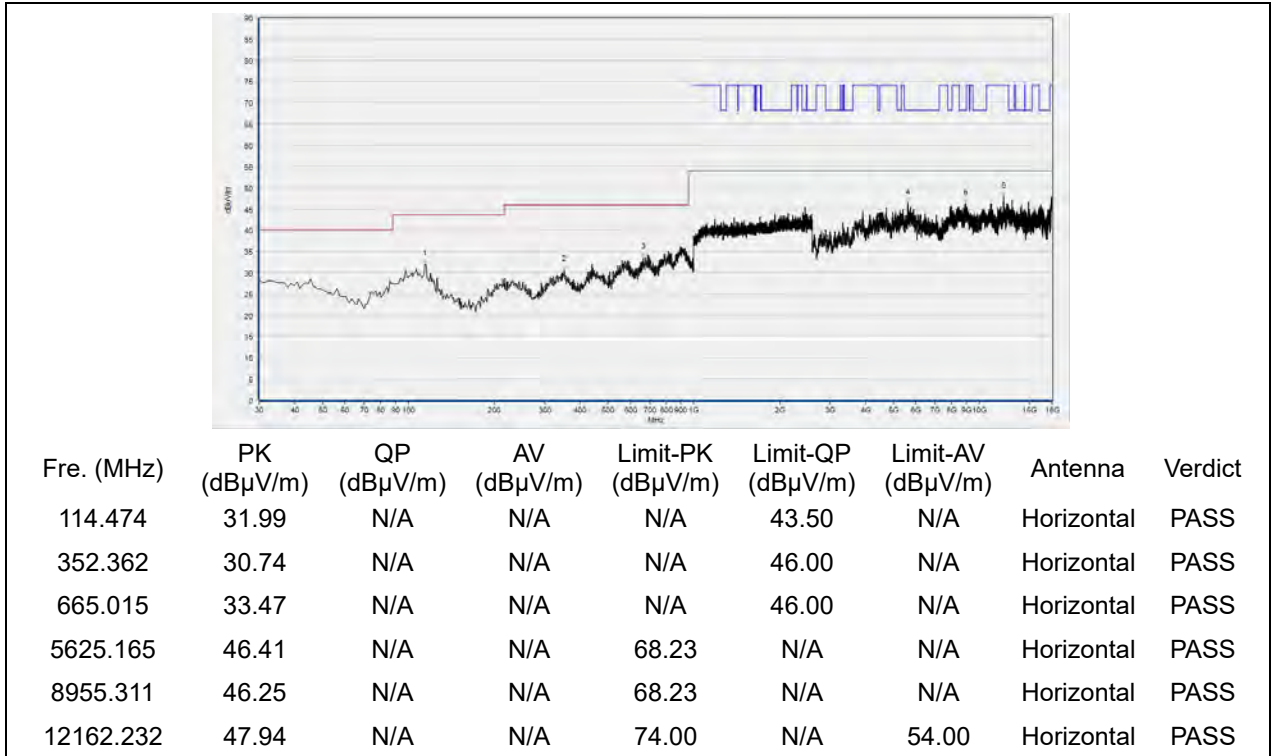
(Antenna Horizontal, 30MHz to 18GHz)



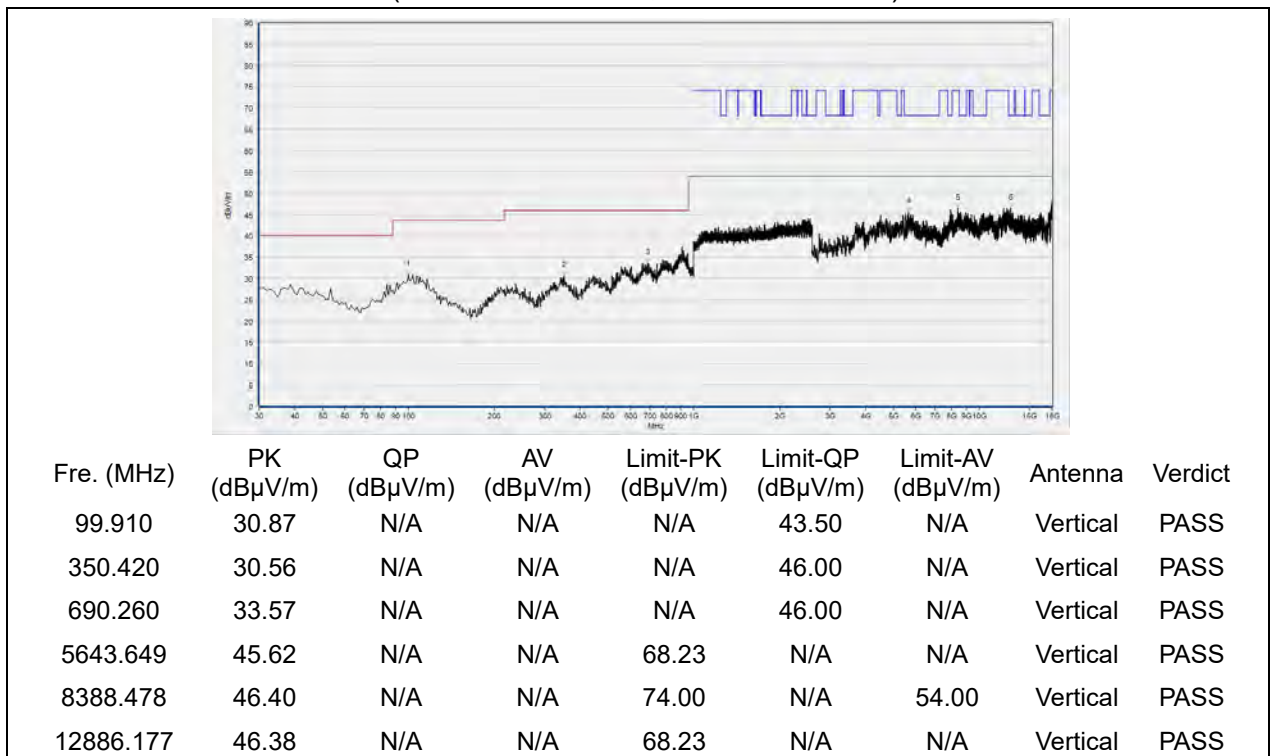
Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
108.649	31.32	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
335.856	30.24	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
596.076	32.79	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5769.954	46.15	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10353.911	47.07	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12528.826	46.96	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 100



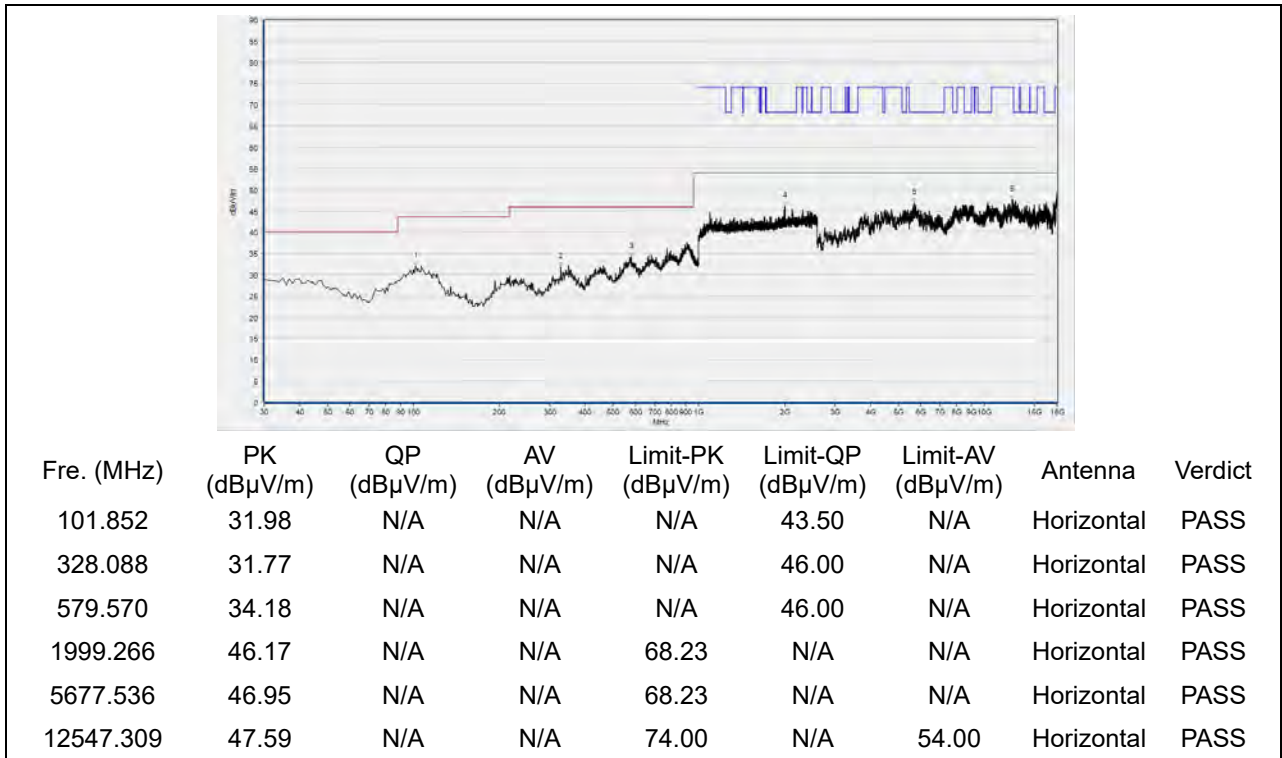
(Antenna Horizontal, 30MHz to 18GHz)



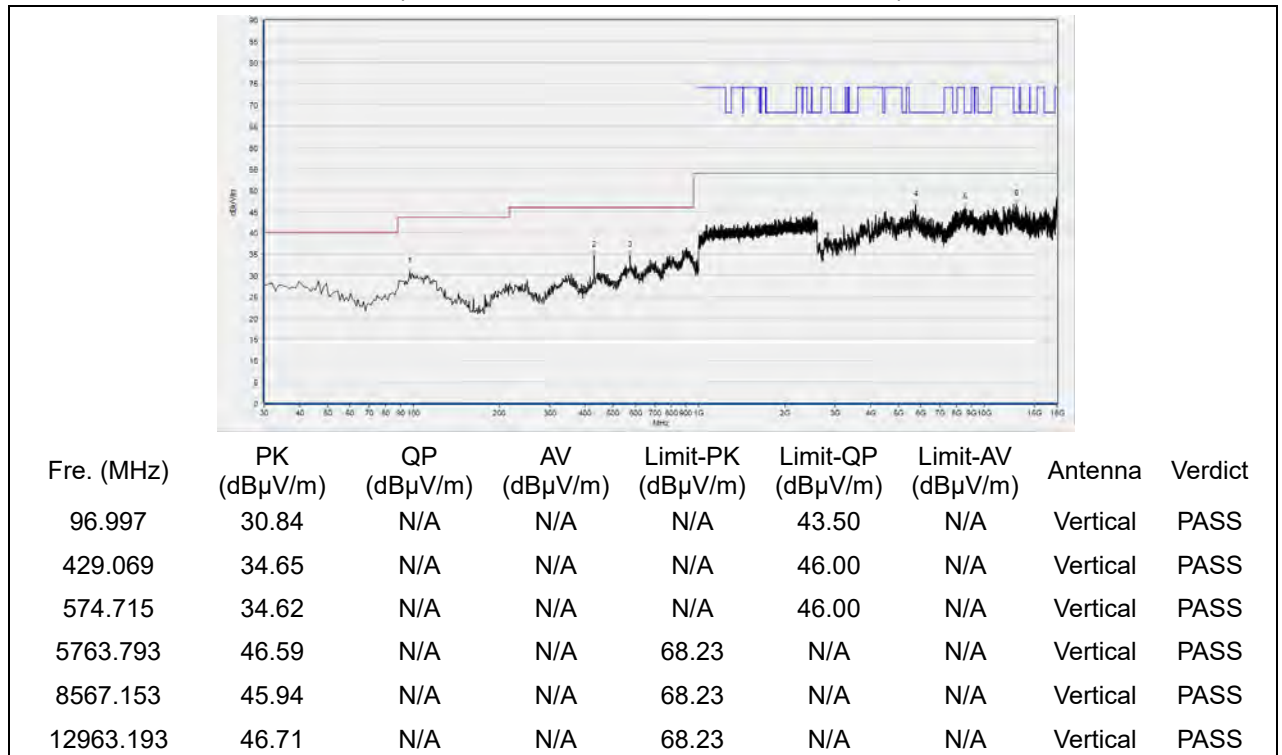
(Antenna Vertical, 30MHz to 18GHz)



Plot for Channel 120

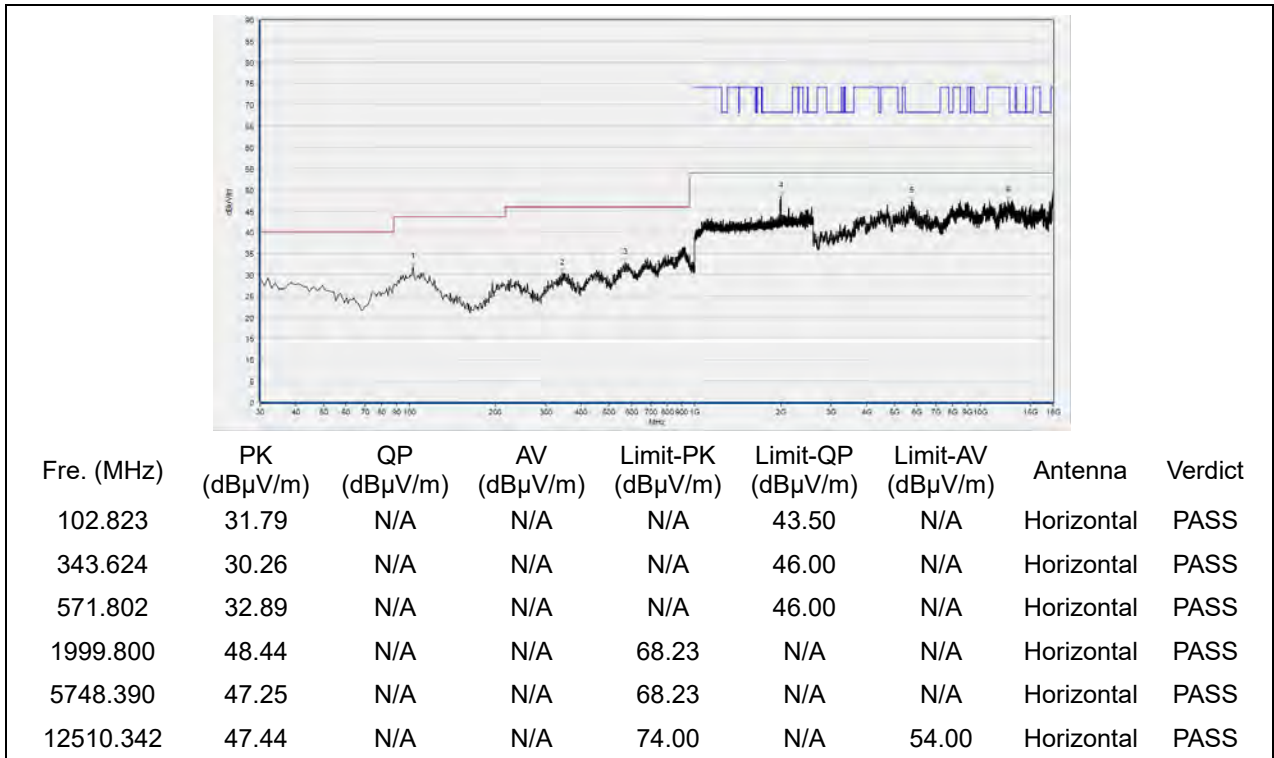


(Antenna Horizontal, 30MHz to 18GHz)

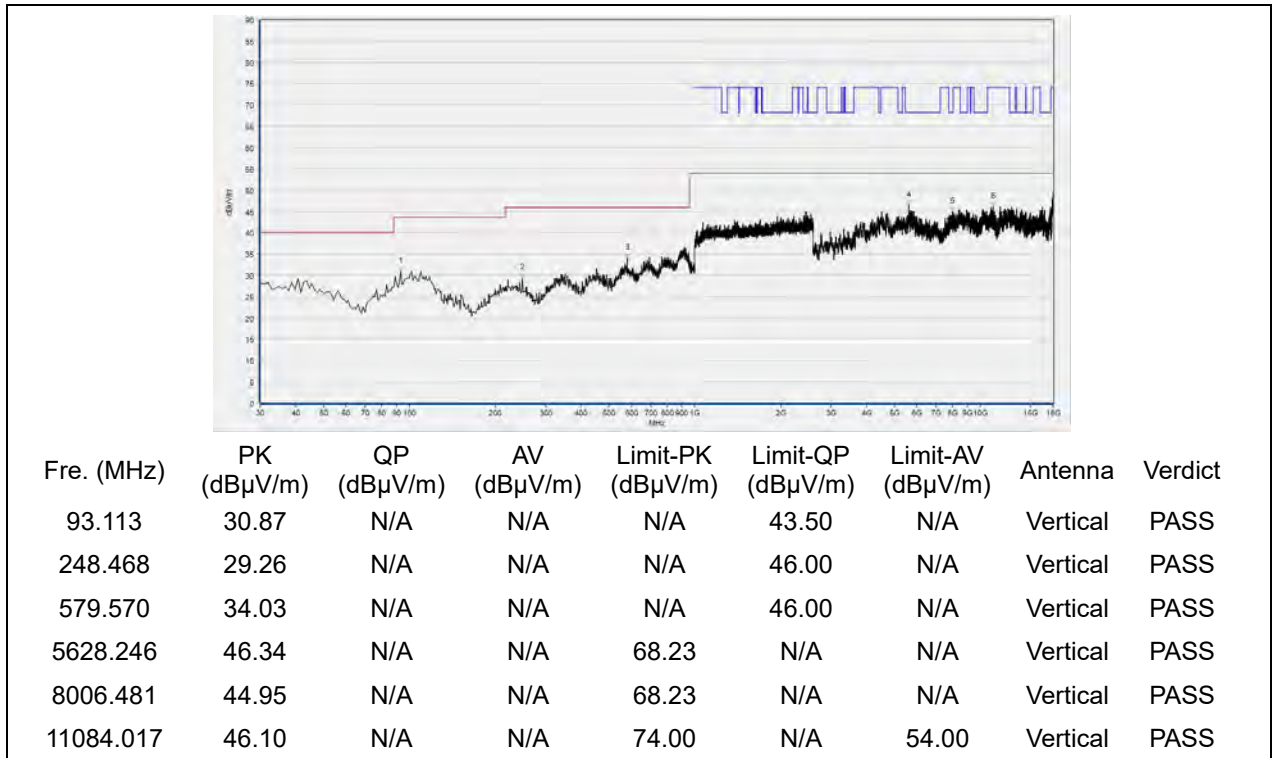


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 144

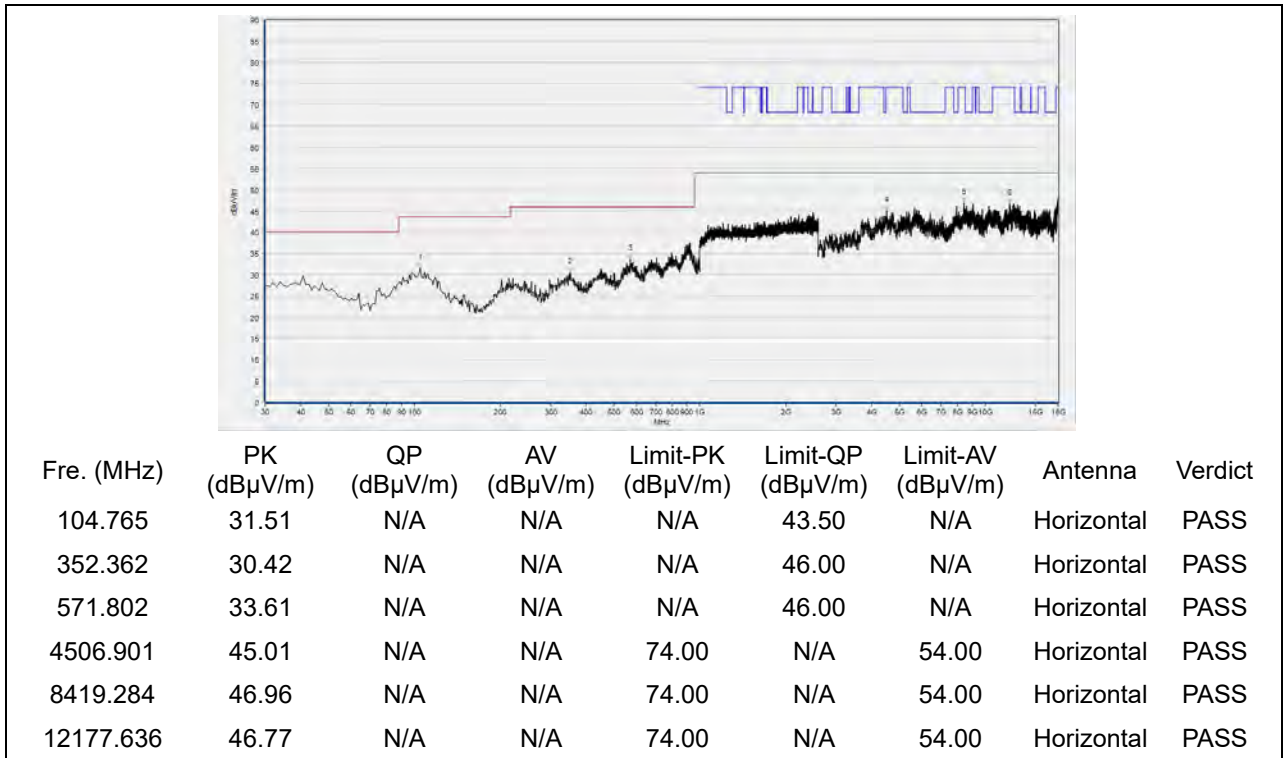


(Antenna Horizontal, 30MHz to 18GHz)

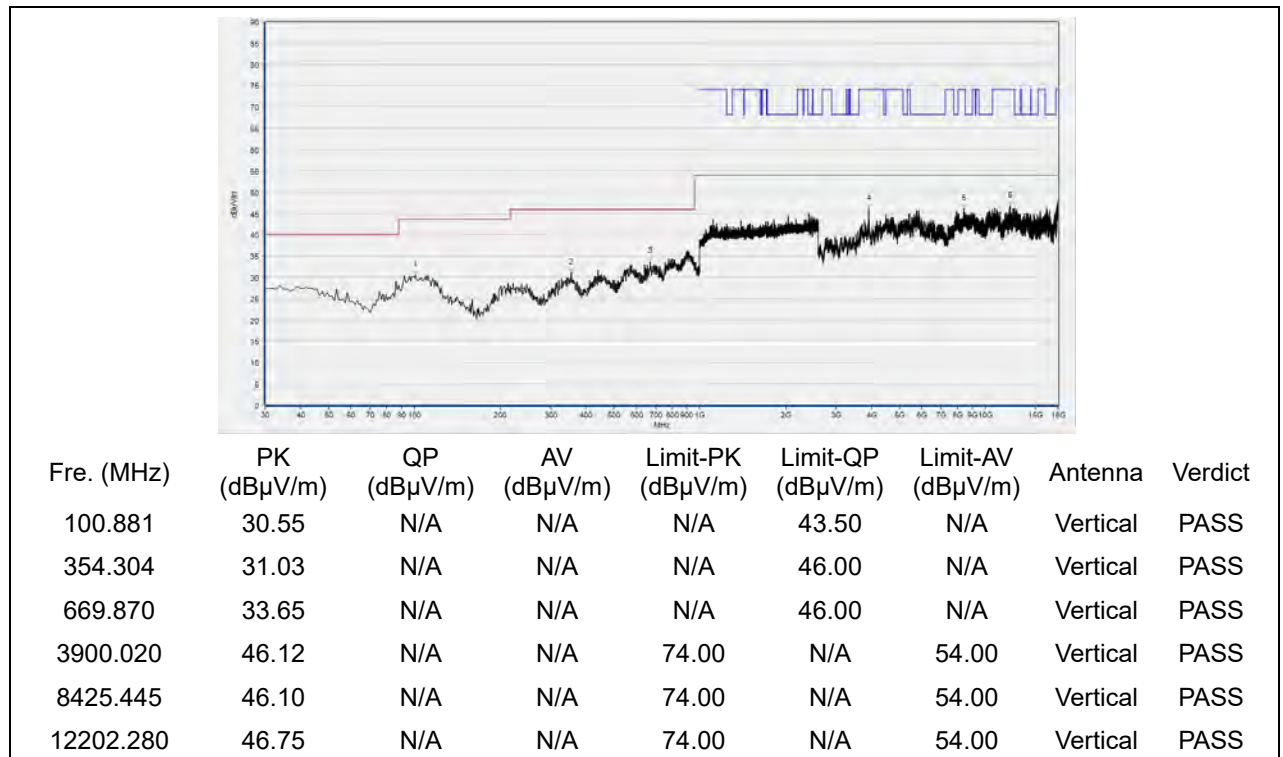


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 149

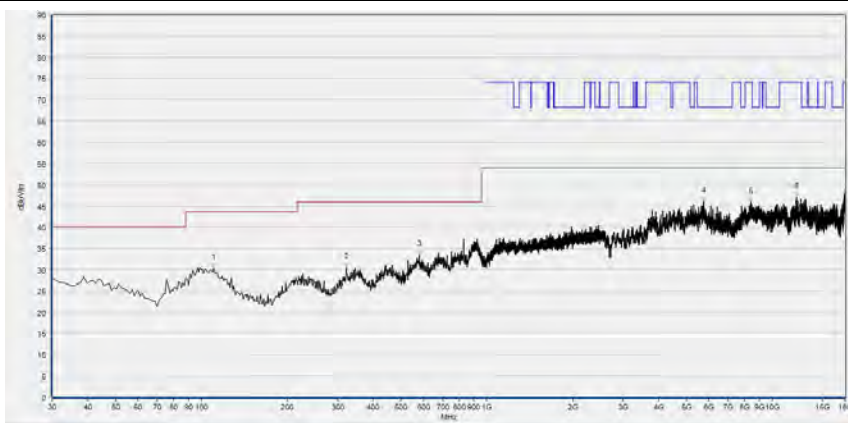


(Antenna Horizontal, 30MHz to 18GHz)



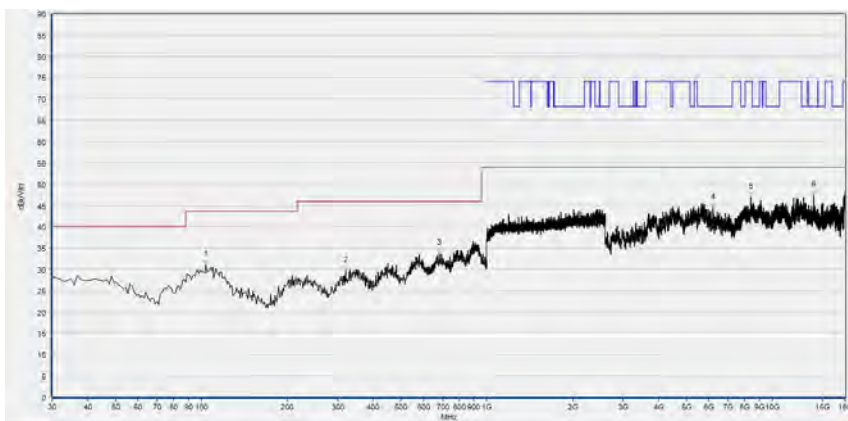
(Antenna Vertical, 30MHz to 18GHz)

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
110.591	30.41	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
322.262	30.56	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
581.512	33.59	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5763.793	46.10	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8428.526	45.88	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12140.668	47.13	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

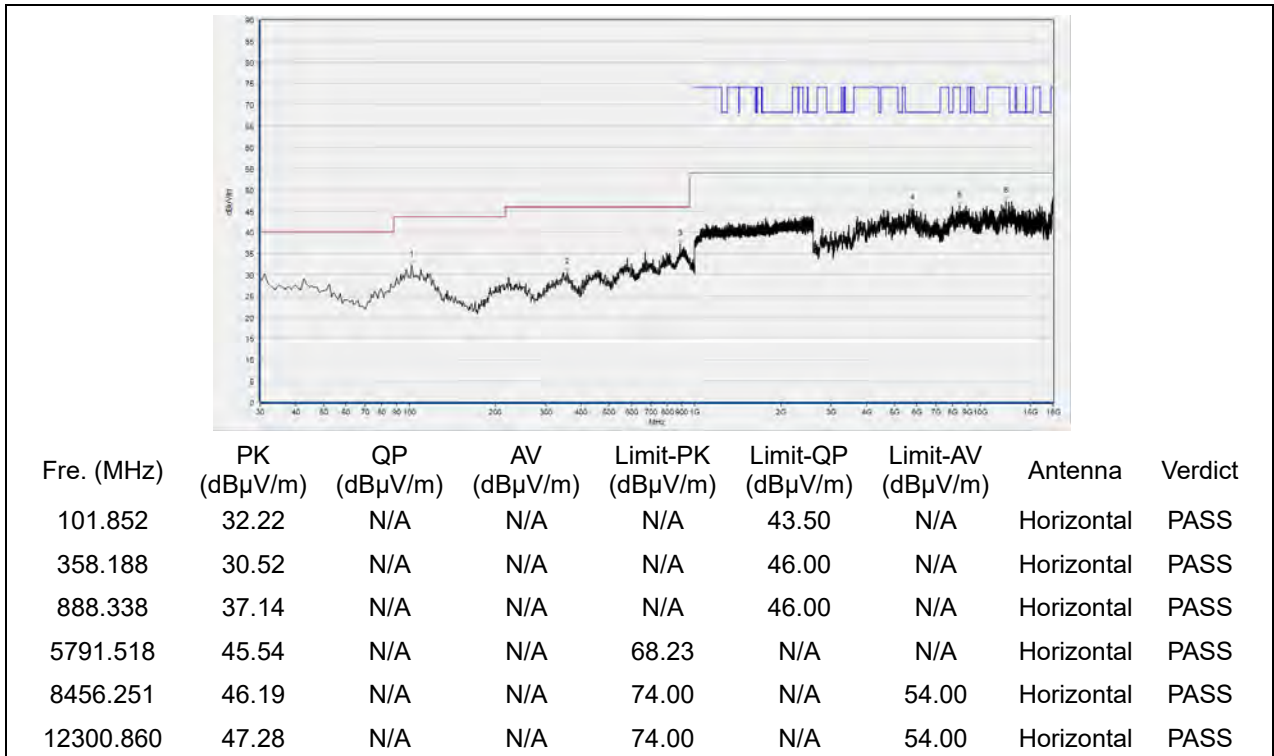
(Antenna Horizontal, 30MHz to 18GHz)



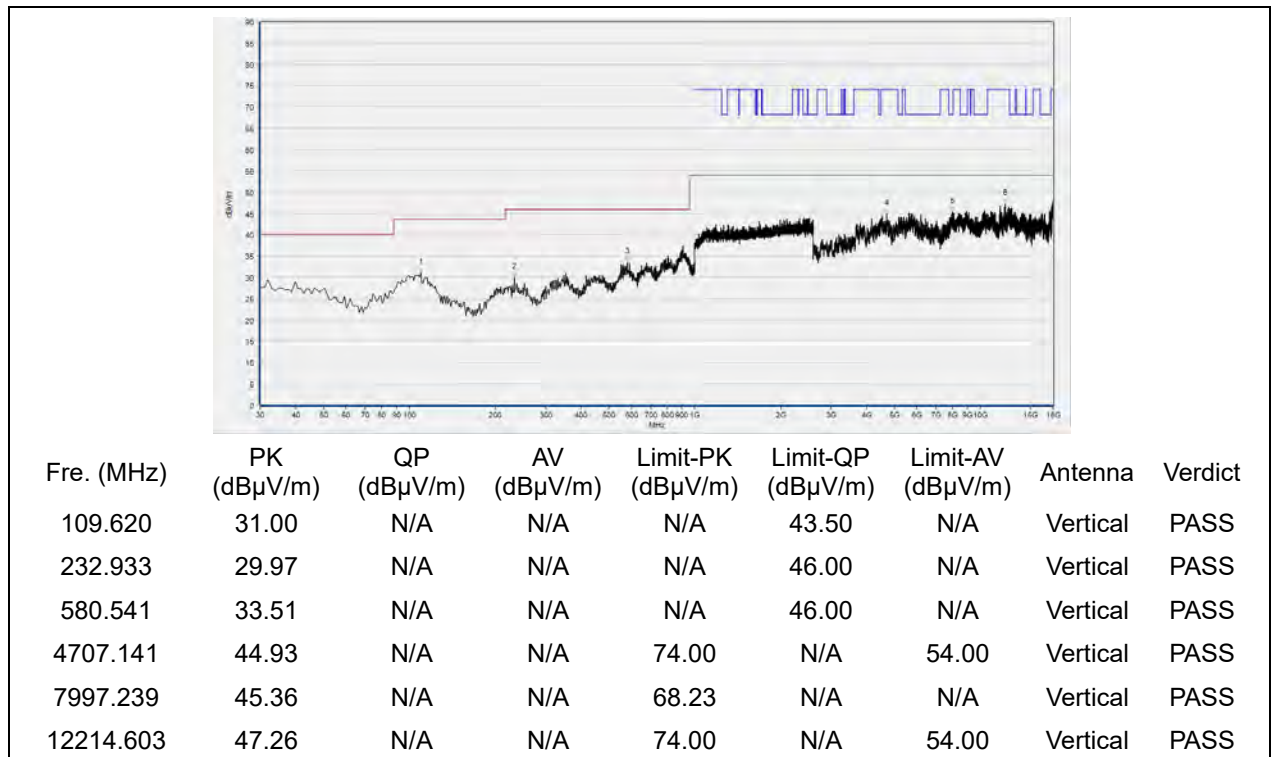
Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
103.794	31.03	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
320.320	29.64	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
680.551	33.66	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
6195.079	44.39	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8388.478	47.00	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
13979.796	47.46	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 165



(Antenna Horizontal, 30MHz to 18GHz)

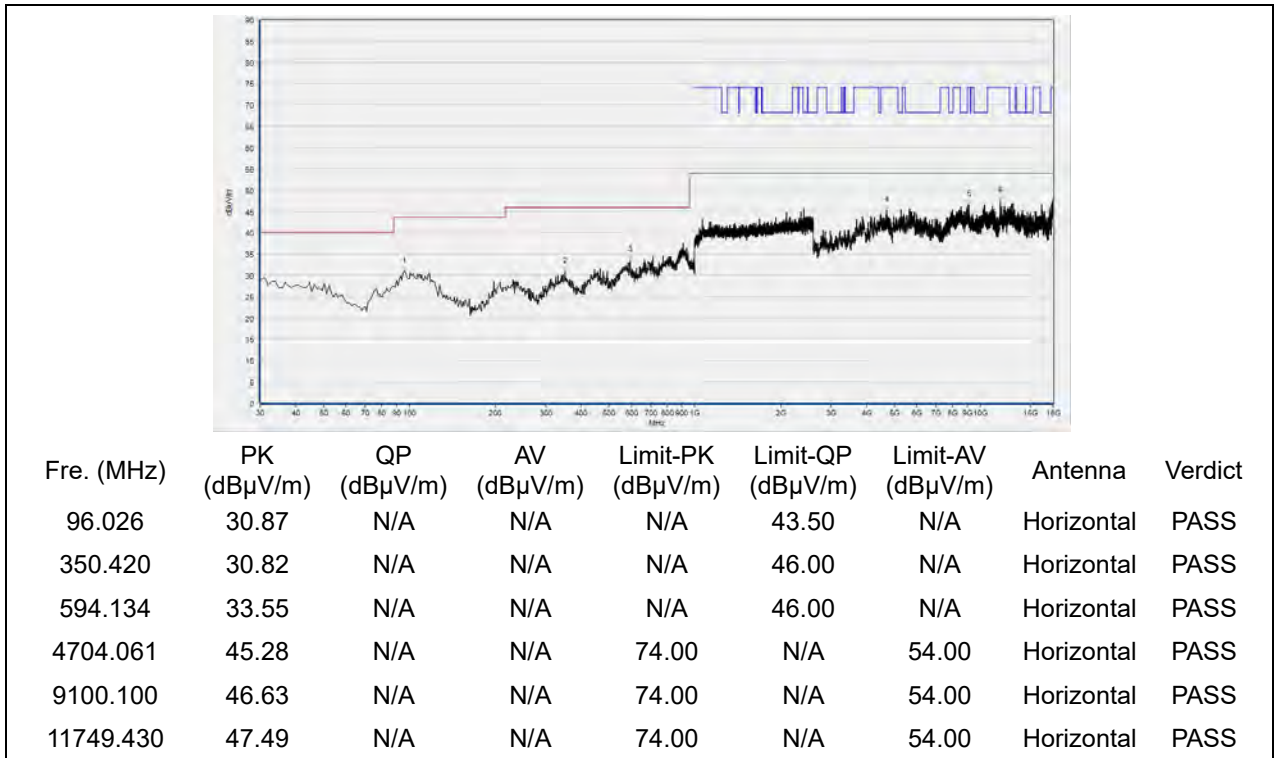


(Antenna Vertical, 30MHz to 18GHz)

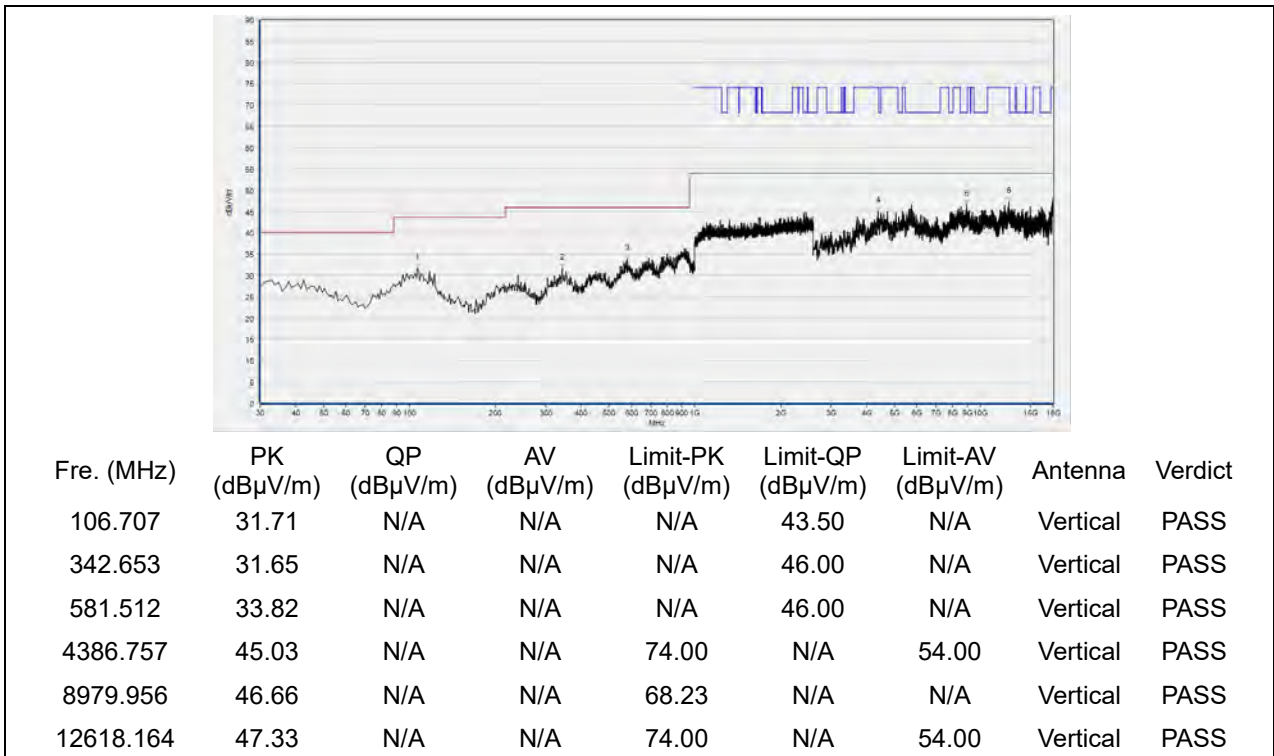


**802.11ax (HEW20) RU106 Mode**

**Plot for Channel 36**

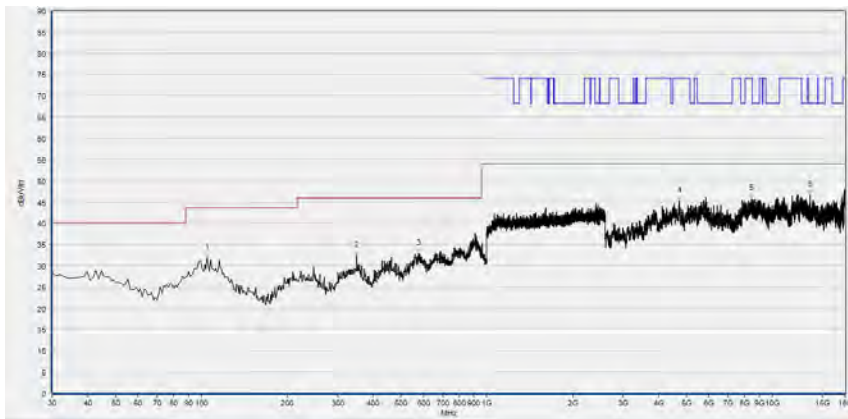


(Antenna Horizontal, 30MHz to 18GHz)



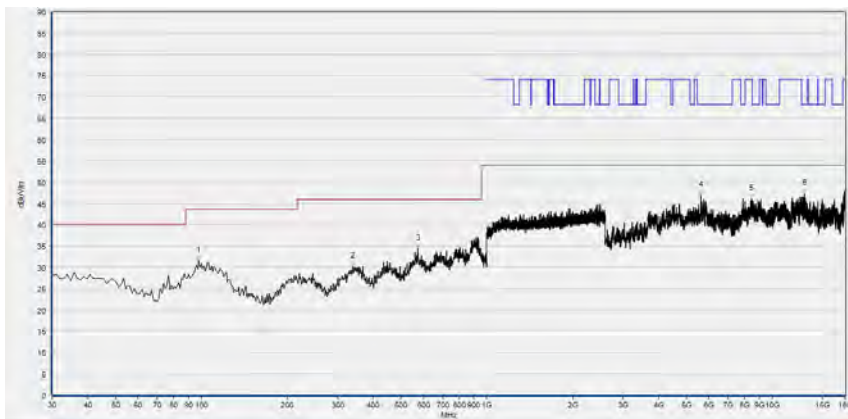
(Antenna Vertical, 30MHz to 18GHz)

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
104.765	31.80	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
349.449	32.42	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
576.657	32.89	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4716.383	45.21	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8453.171	45.81	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
13582.396	46.62	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

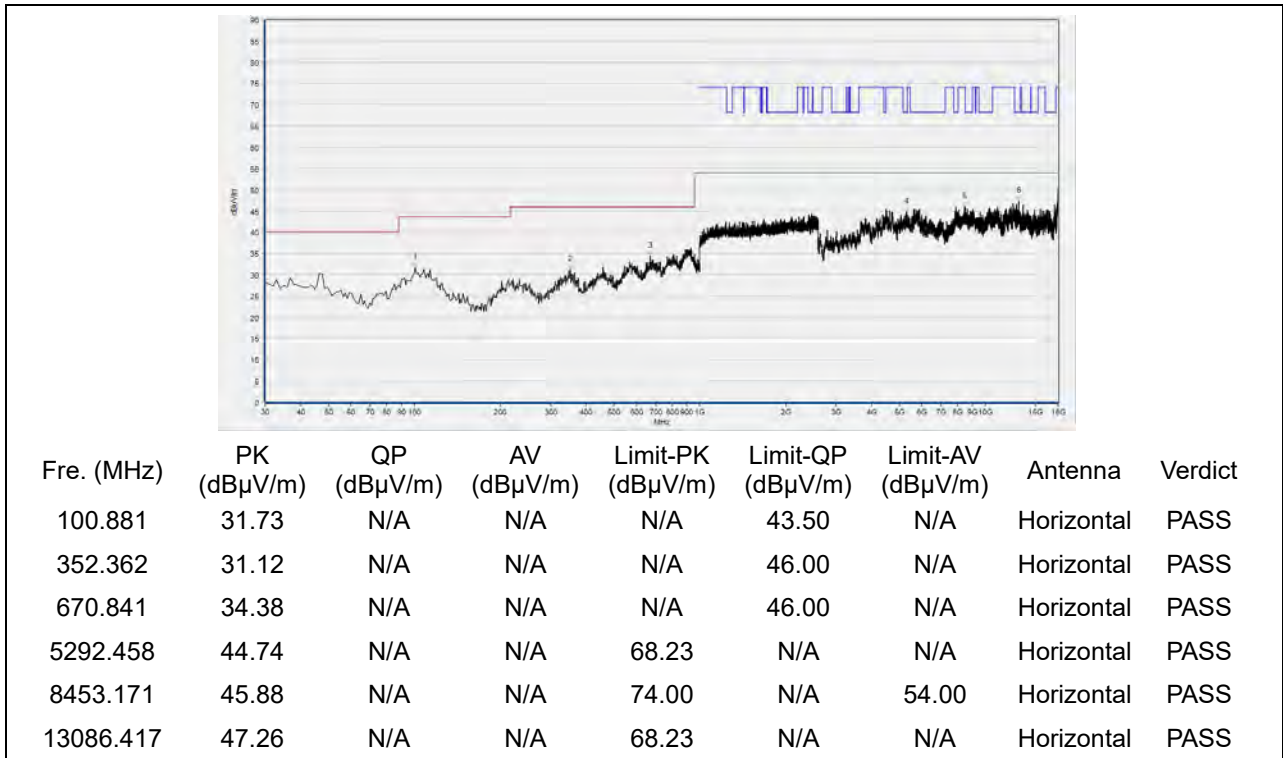
(Antenna Horizontal, 30MHz to 18GHz)



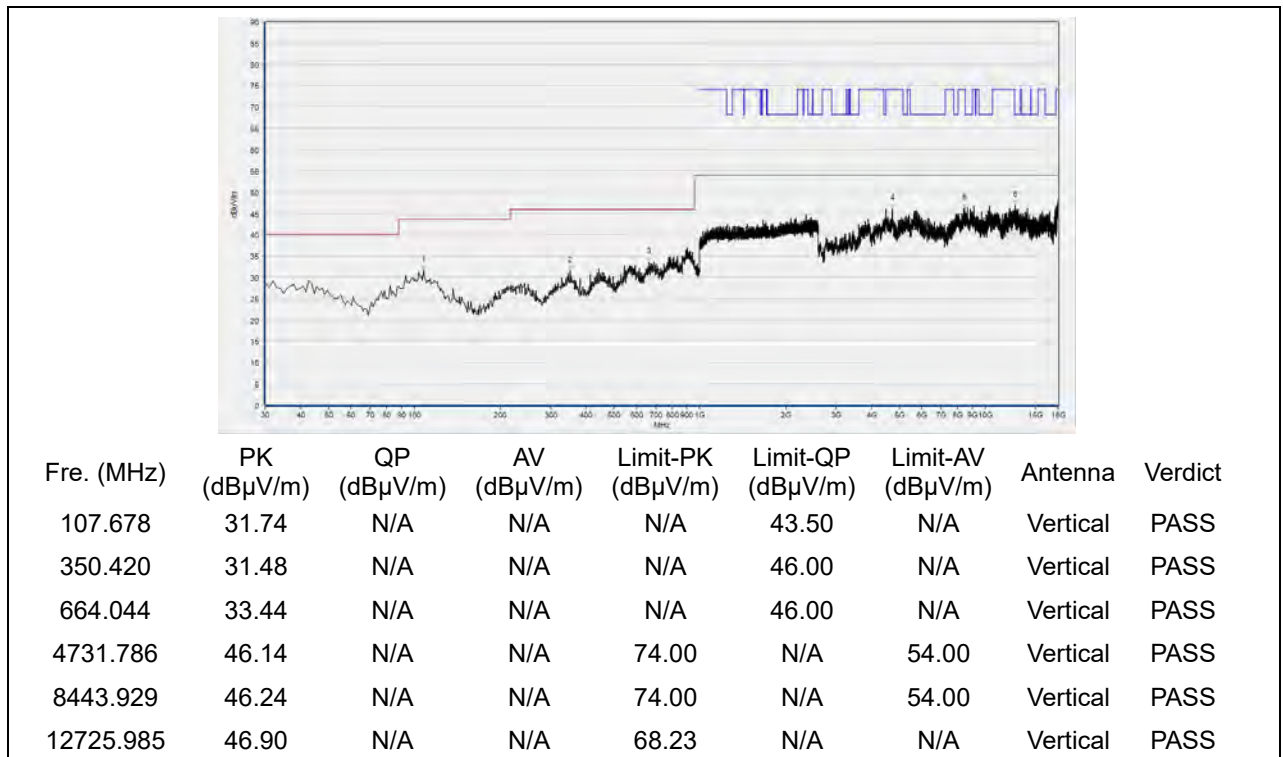
Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
97.968	31.58	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
338.769	30.17	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
572.773	34.39	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5634.407	46.90	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8459.332	46.12	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12957.031	47.22	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 48



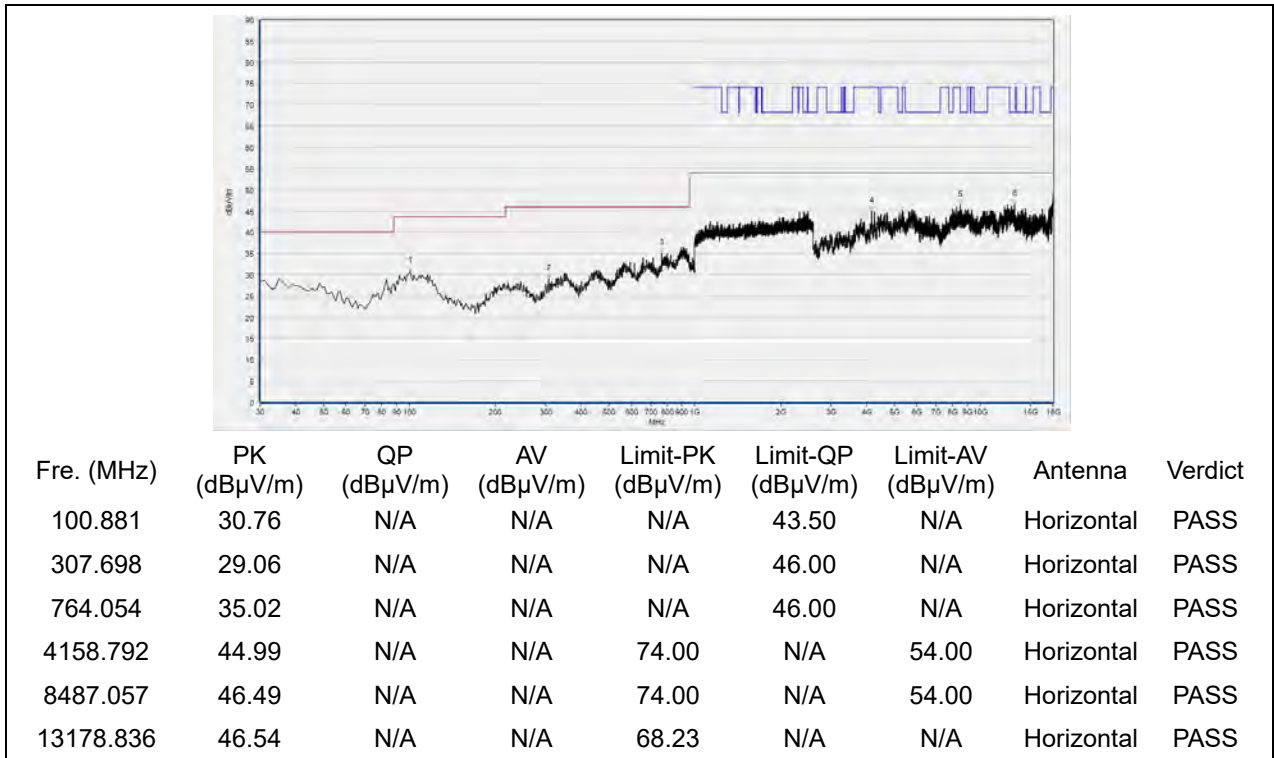
(Antenna Horizontal, 30MHz to 18GHz)



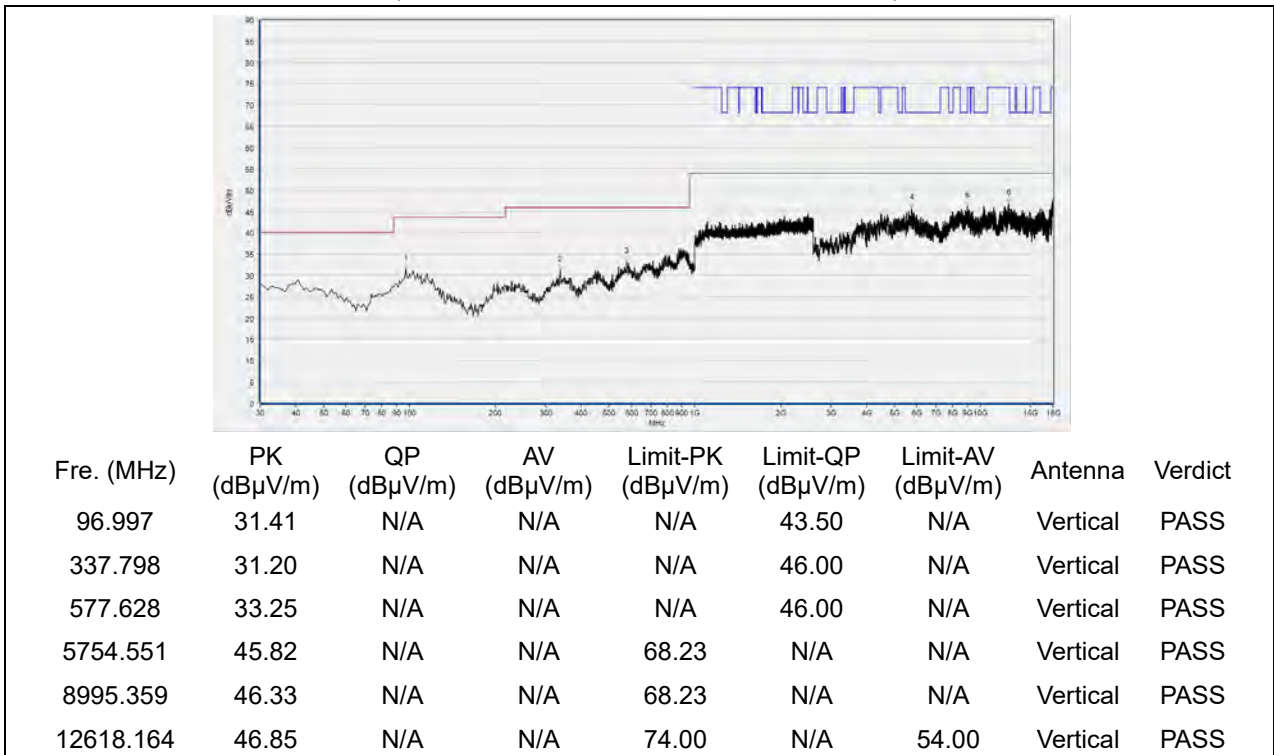
(Antenna Vertical, 30MHz to 18GHz)



Plot for Channel 52

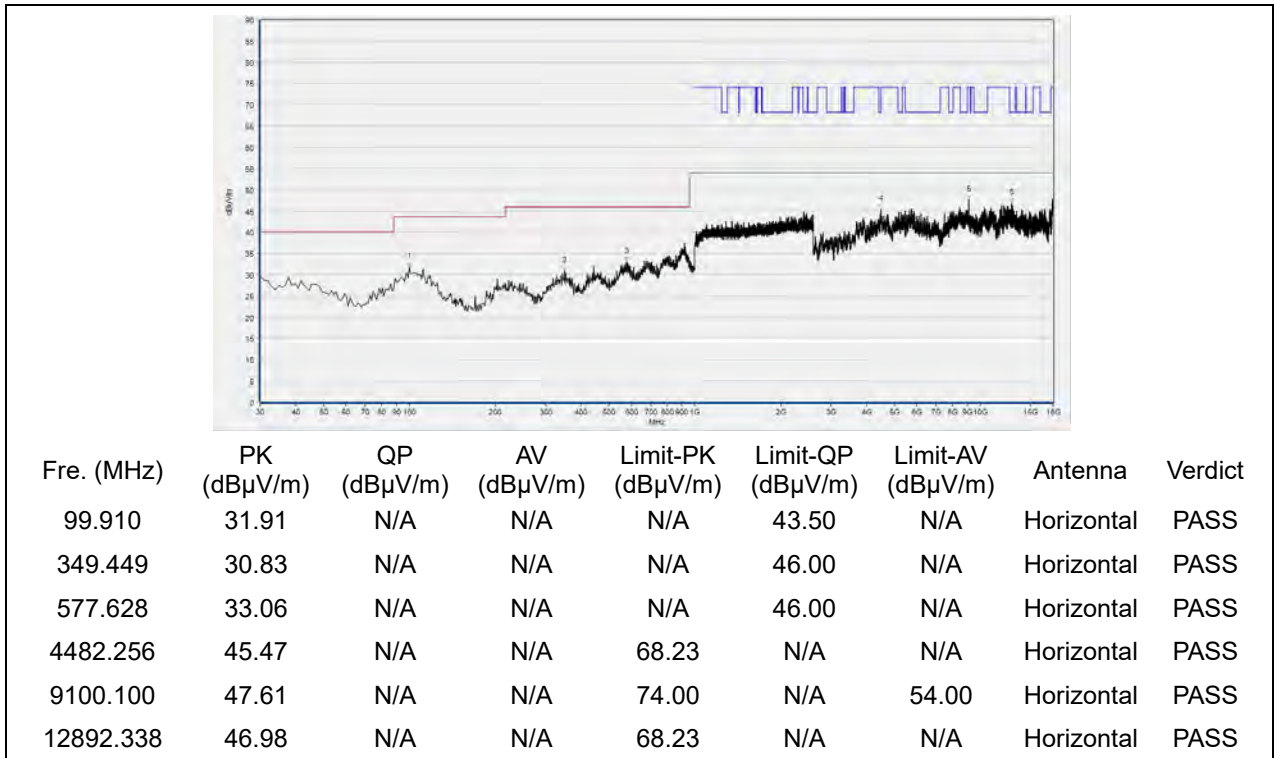


(Antenna Horizontal, 30MHz to 18GHz)

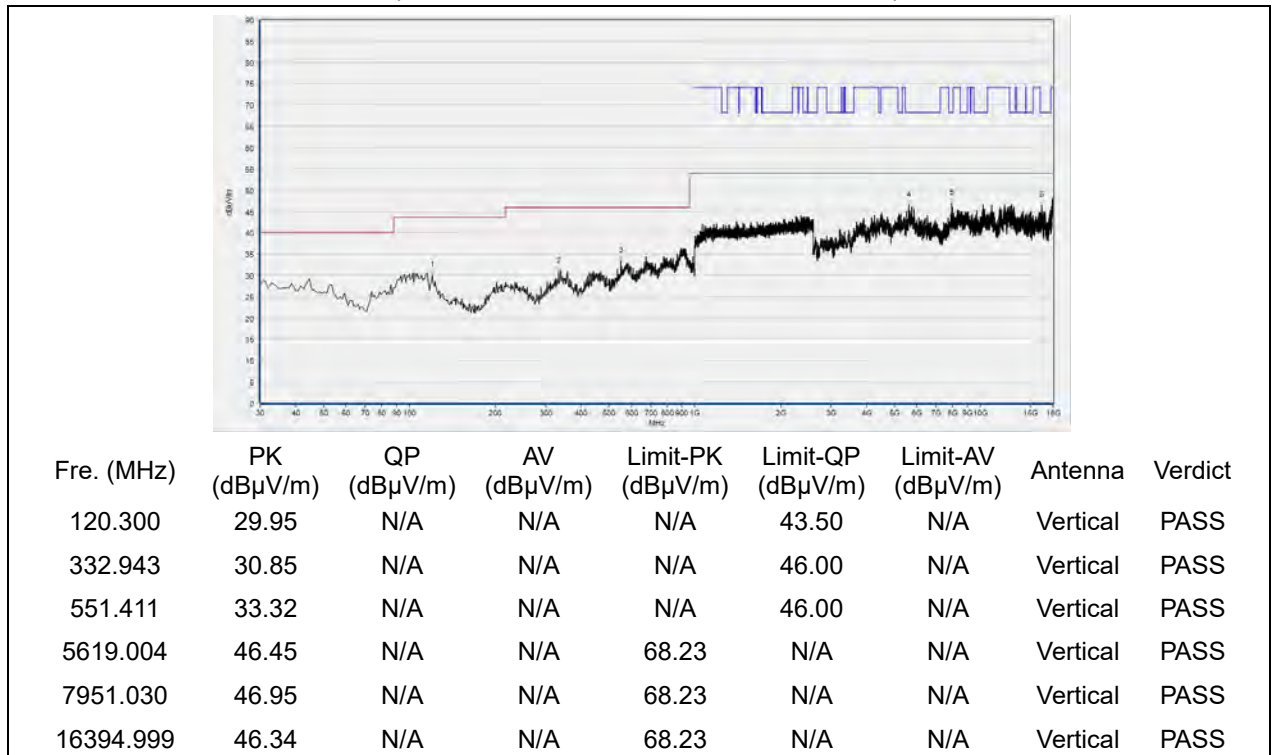


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 60

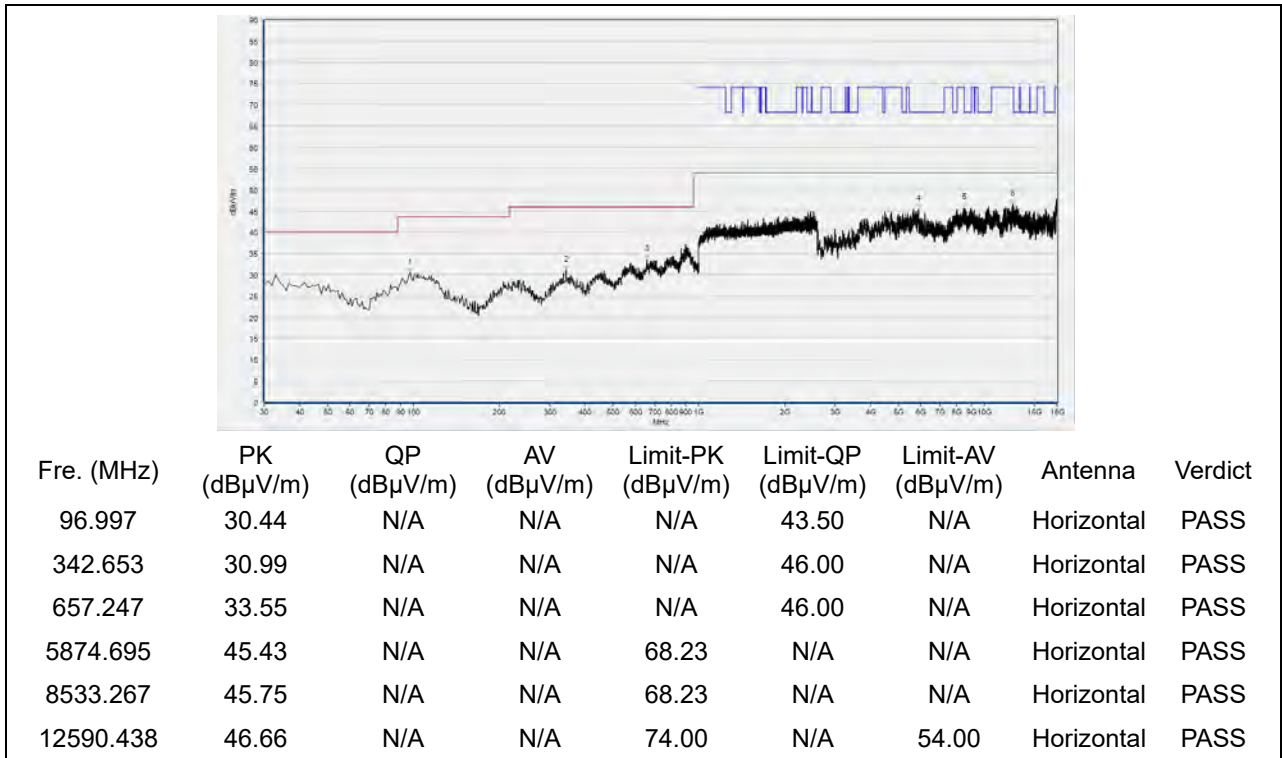


(Antenna Horizontal, 30MHz to 18GHz)

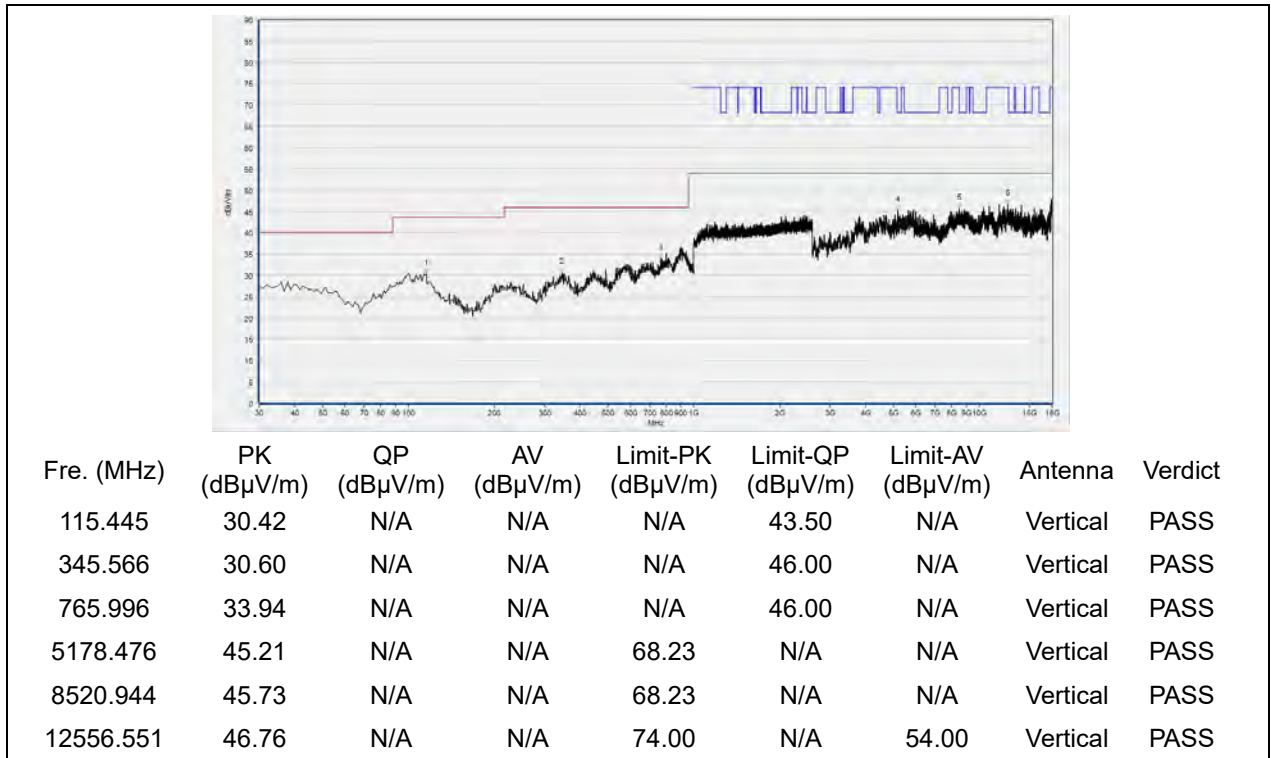


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 64

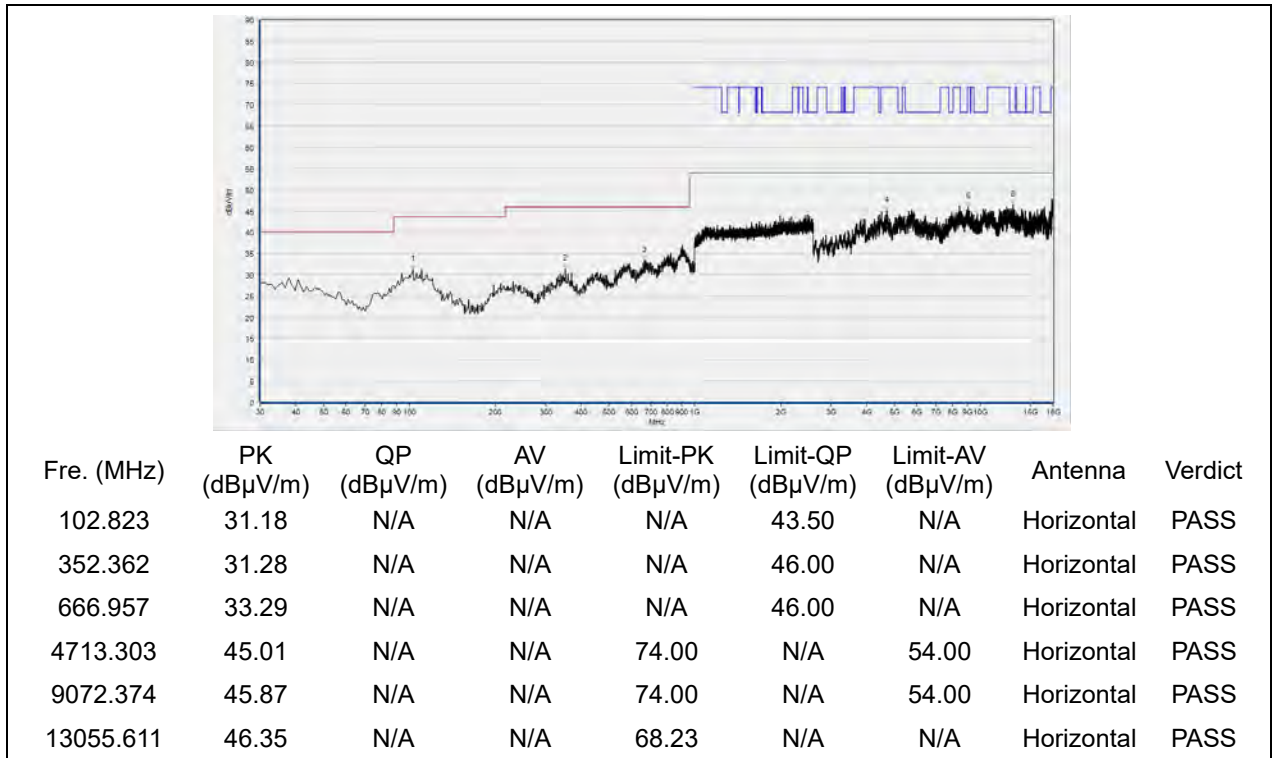


(Antenna Horizontal, 30MHz to 18GHz)

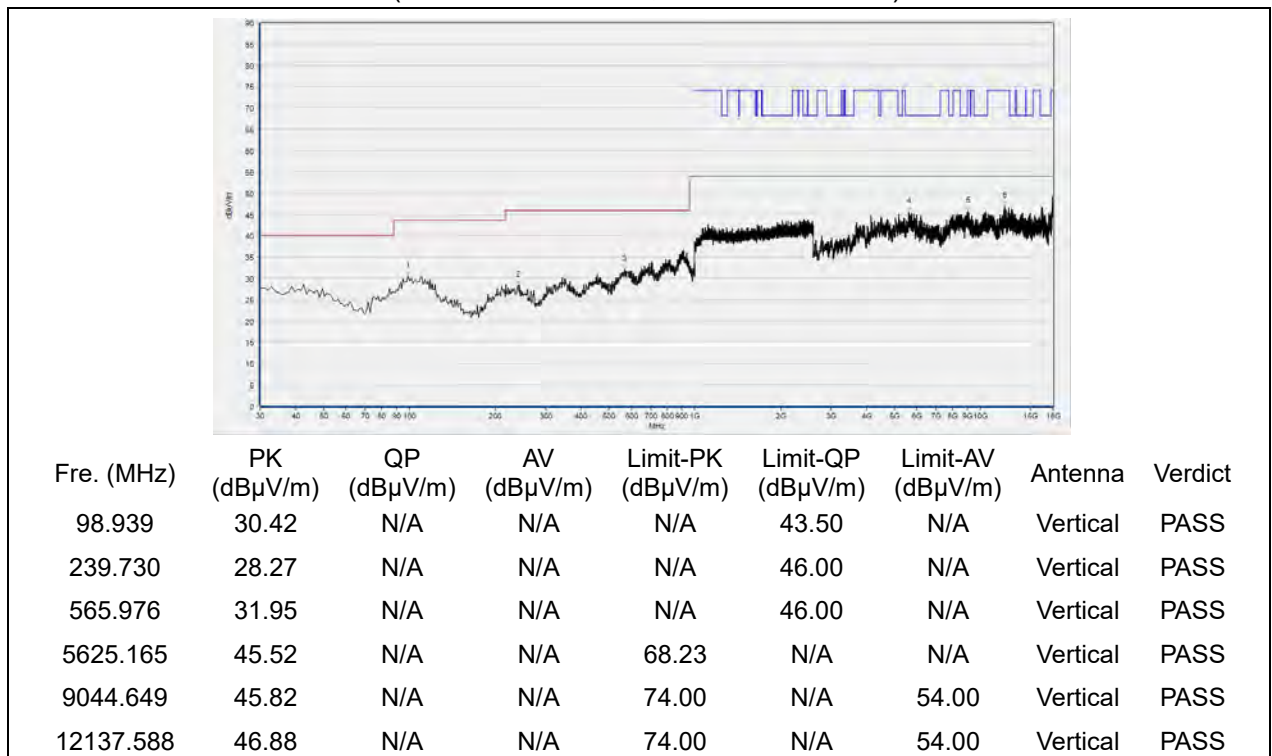


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 100

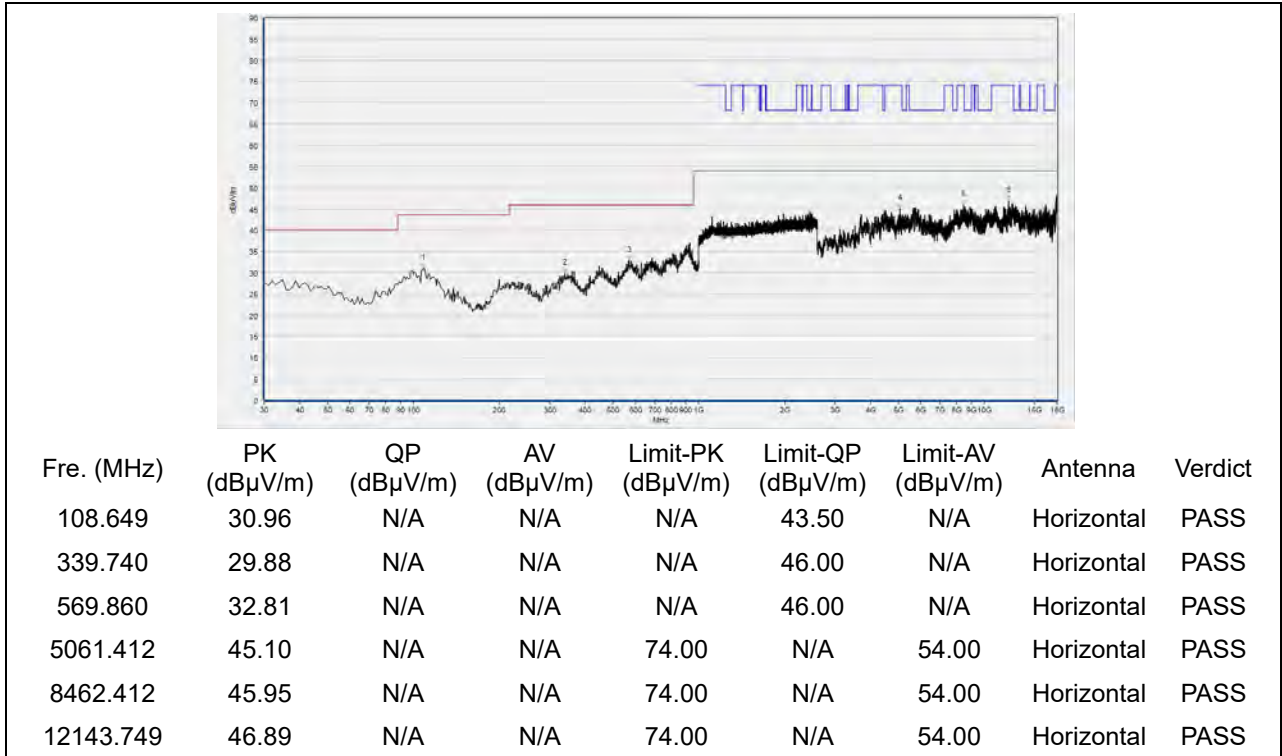


(Antenna Horizontal, 30MHz to 18GHz)

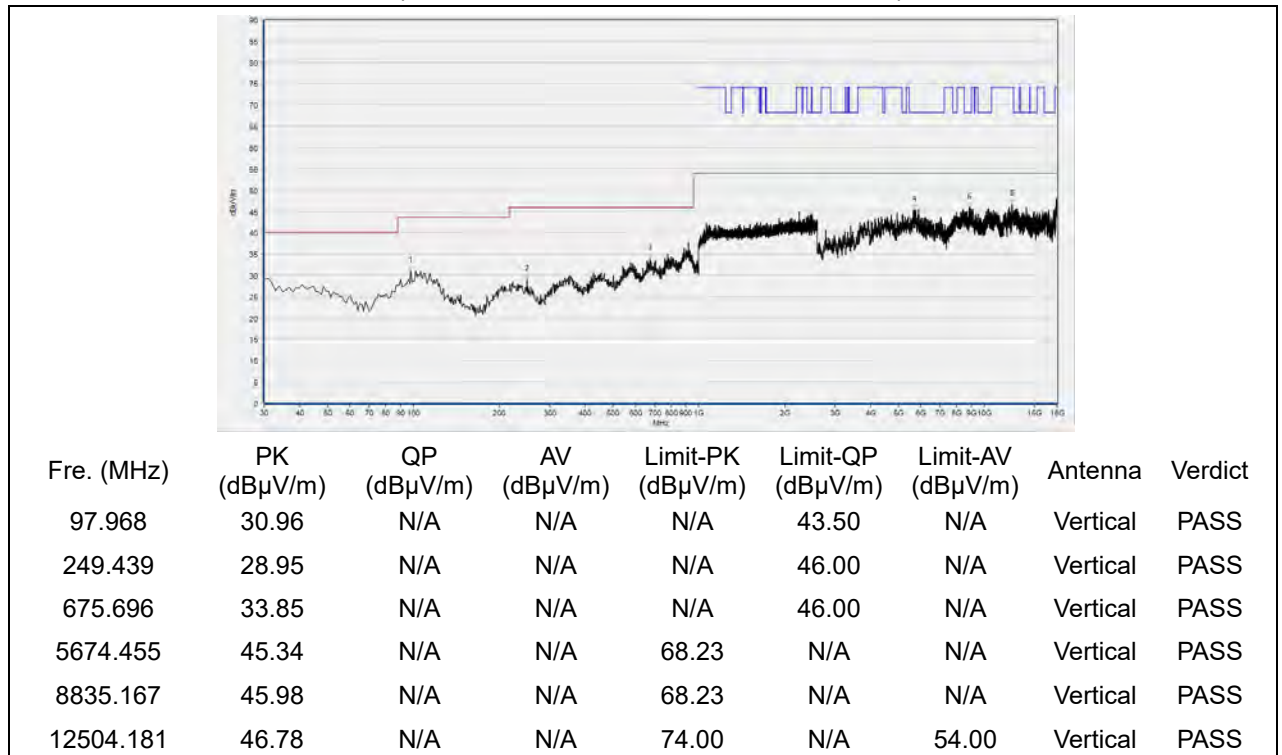


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 120

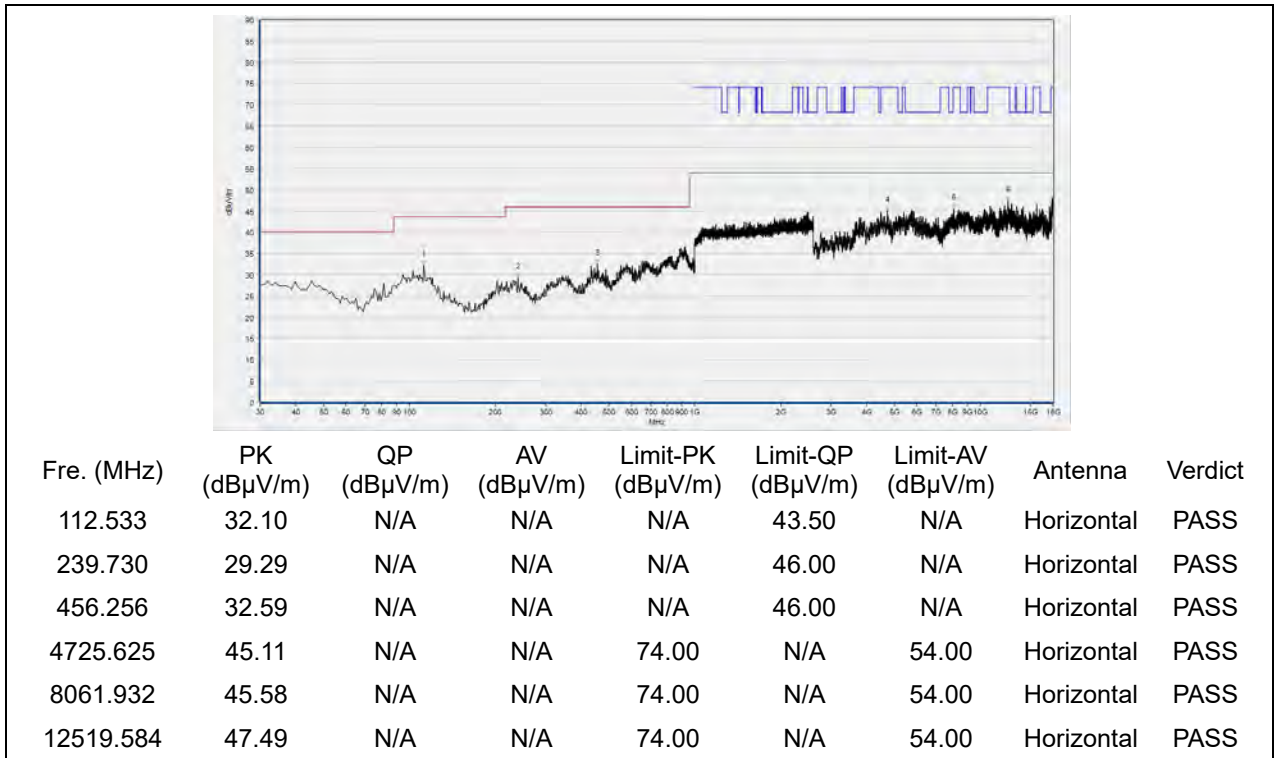


(Antenna Horizontal, 30MHz to 18GHz)

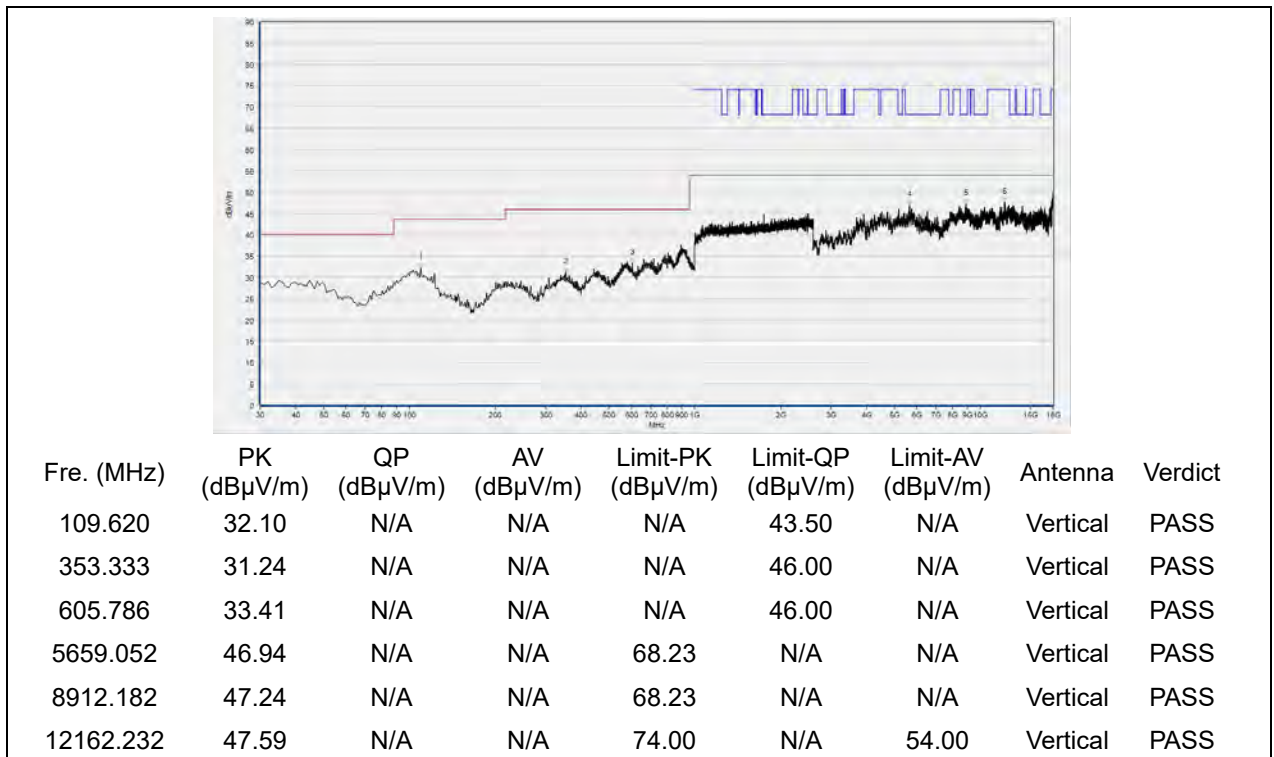


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 144

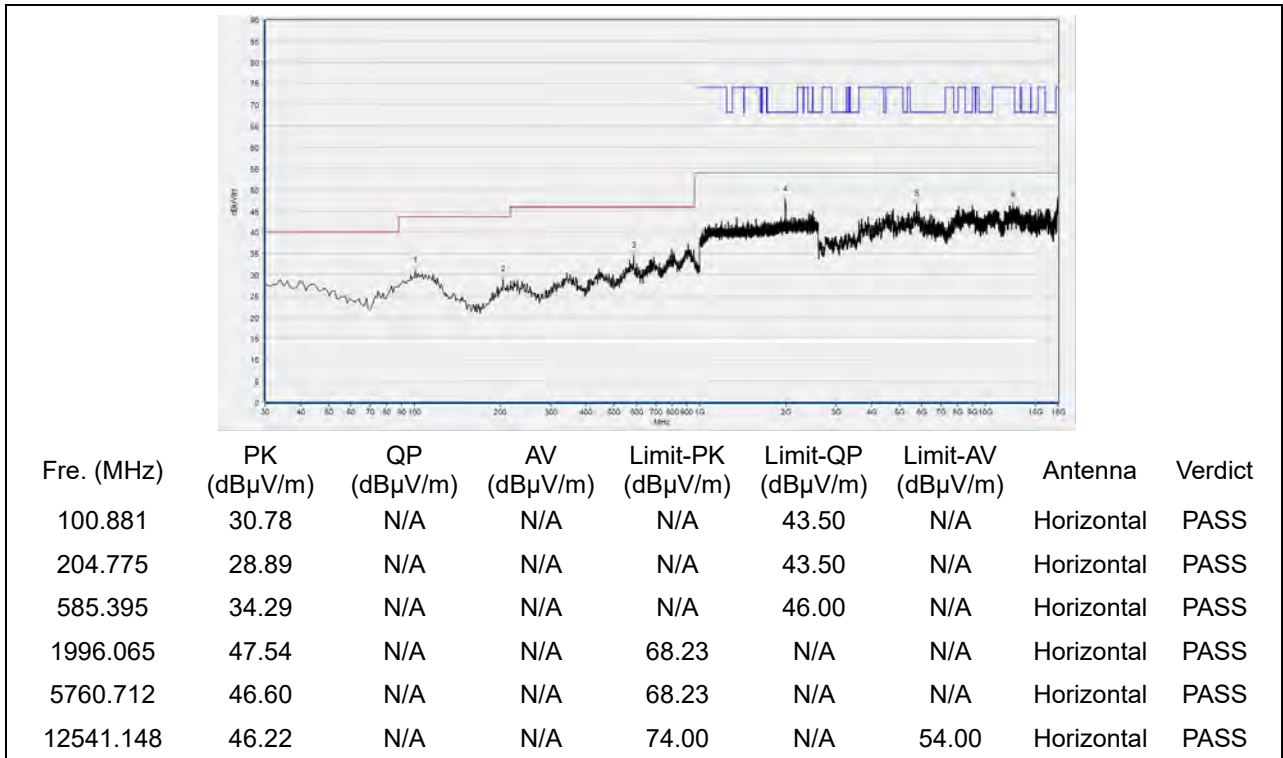


(Antenna Horizontal, 30MHz to 18GHz)

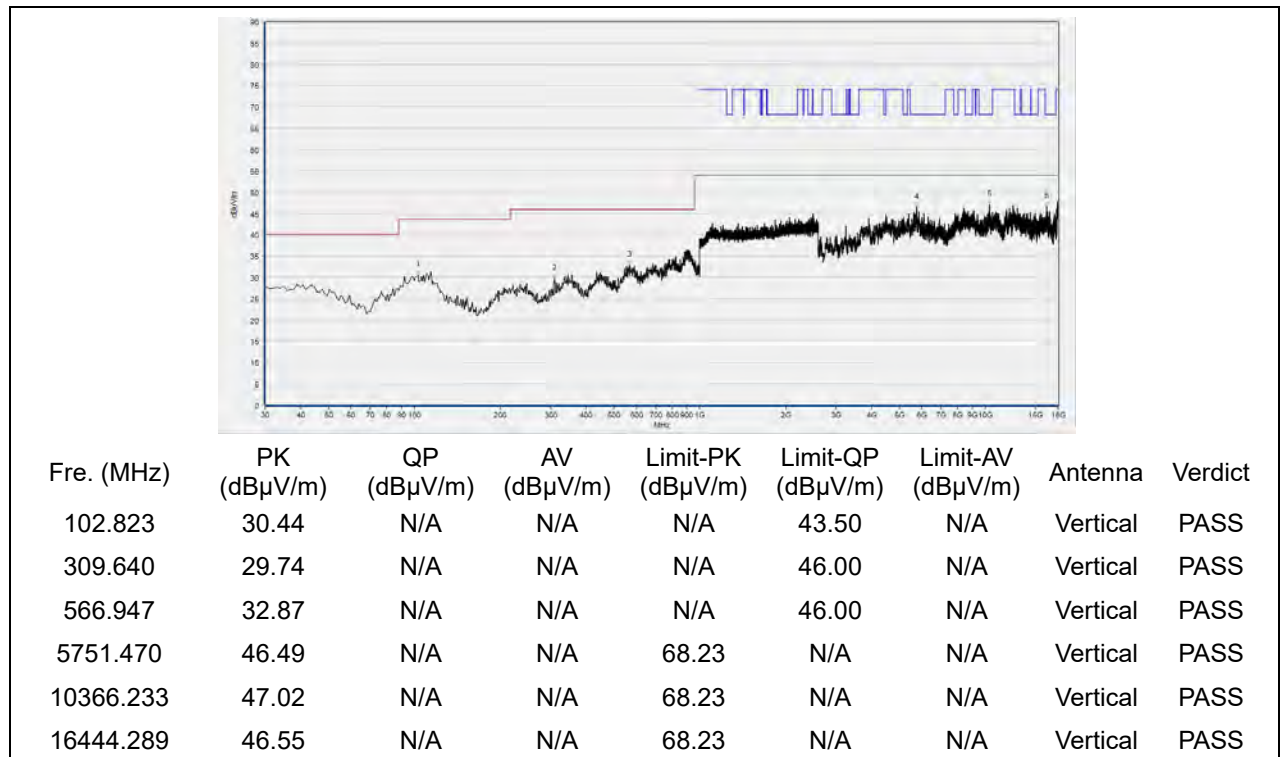


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 149

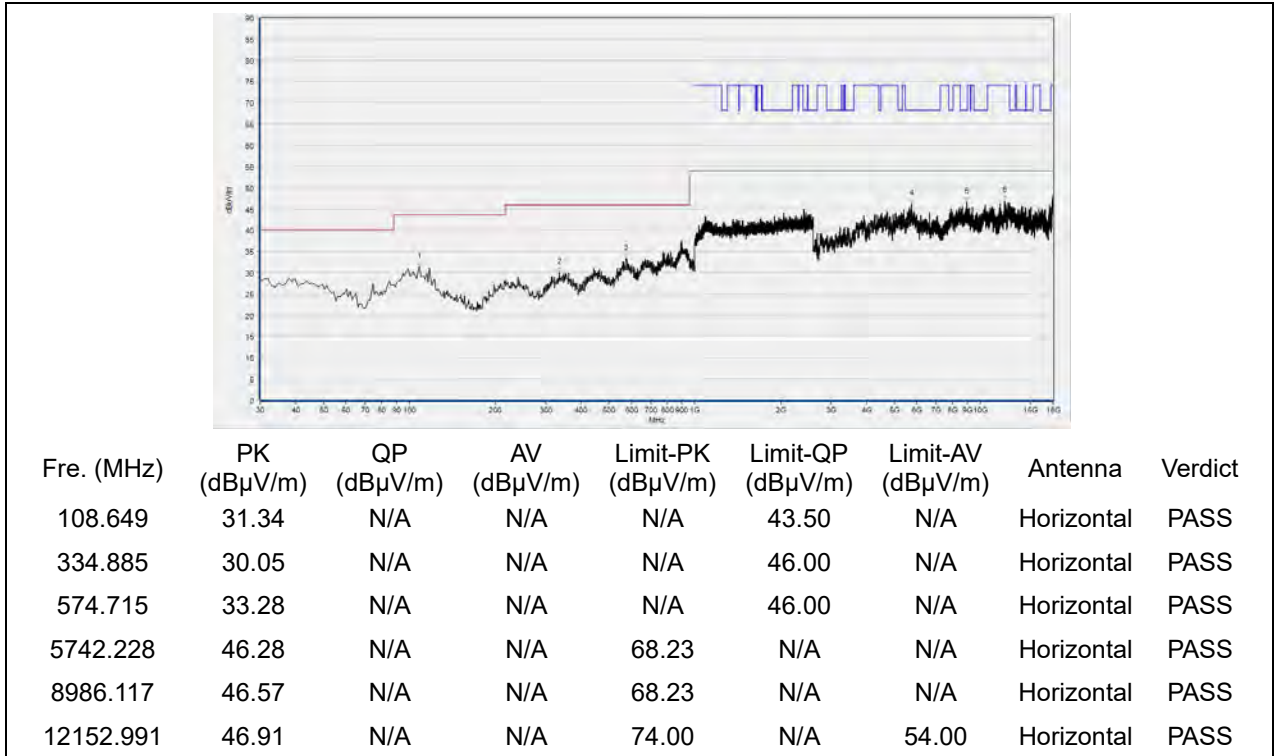


(Antenna Horizontal, 30MHz to 18GHz)

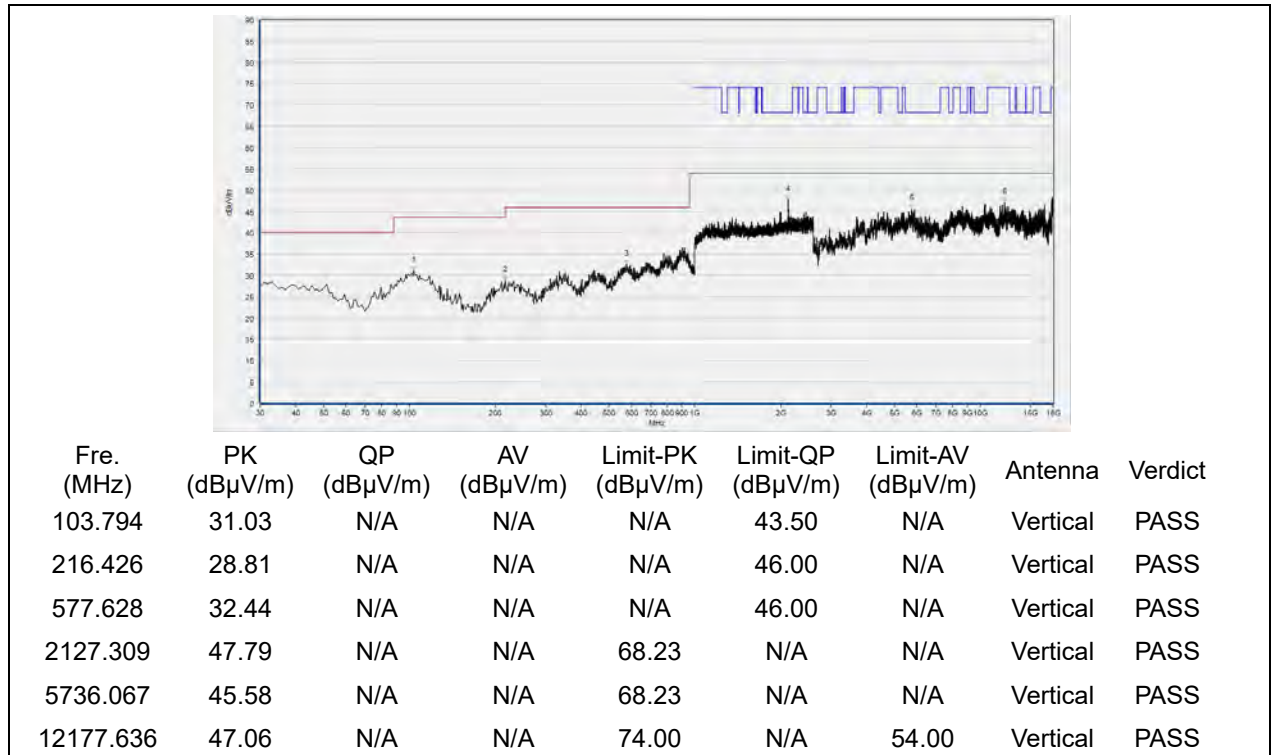


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 157



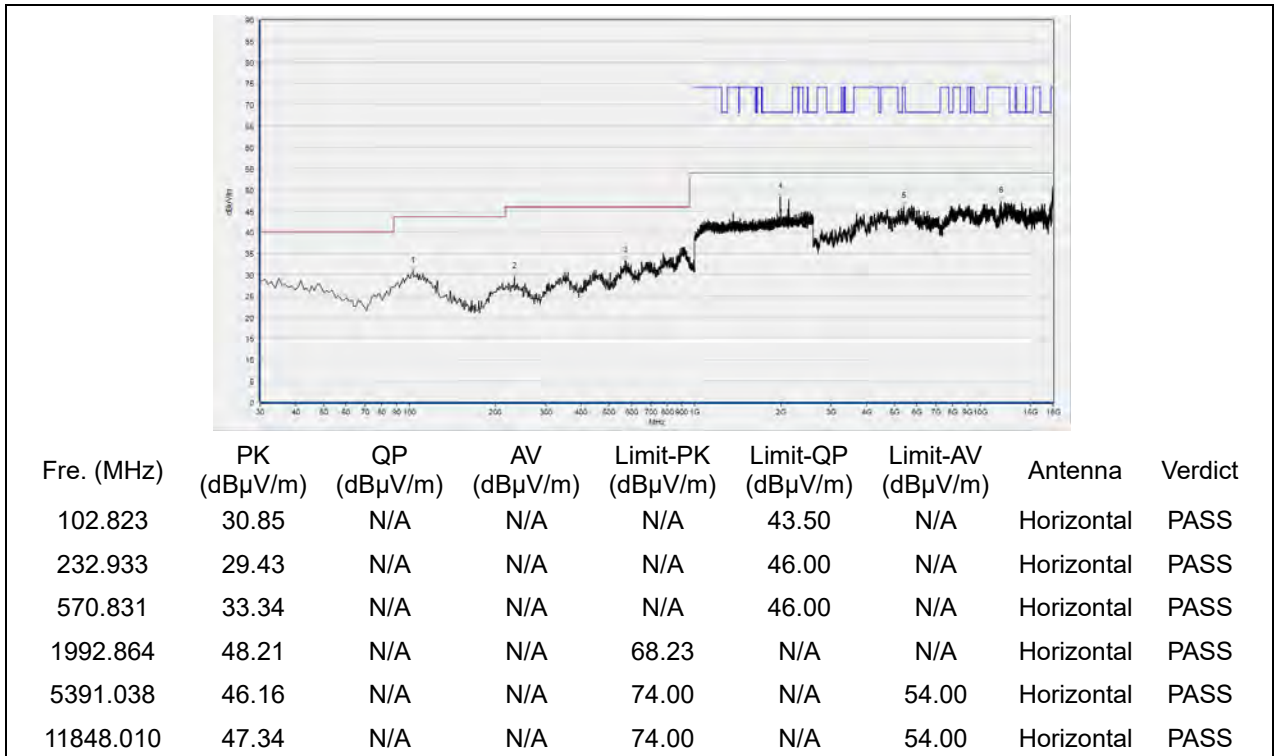
(Antenna Horizontal, 30MHz to 18GHz)



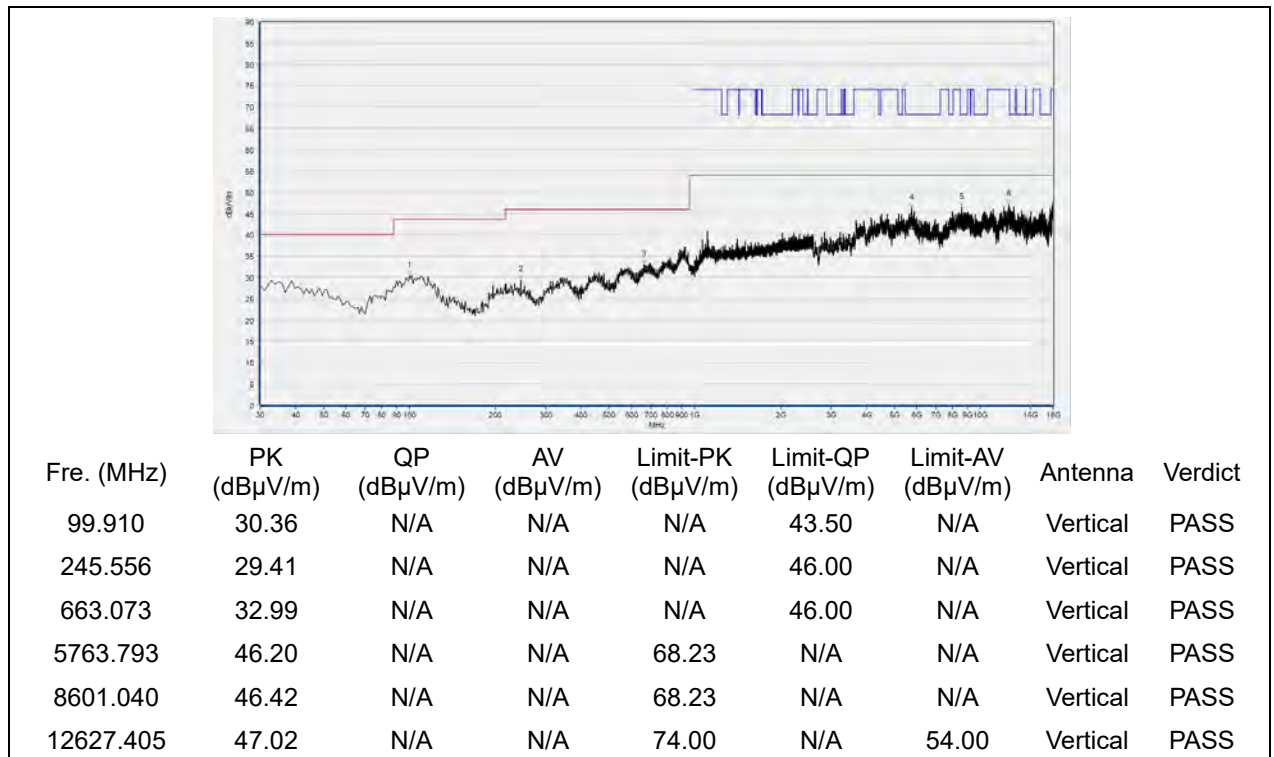
(Antenna Vertical, 30MHz to 18GHz)



Plot for Channel 165



(Antenna Horizontal, 30MHz to 18GHz)

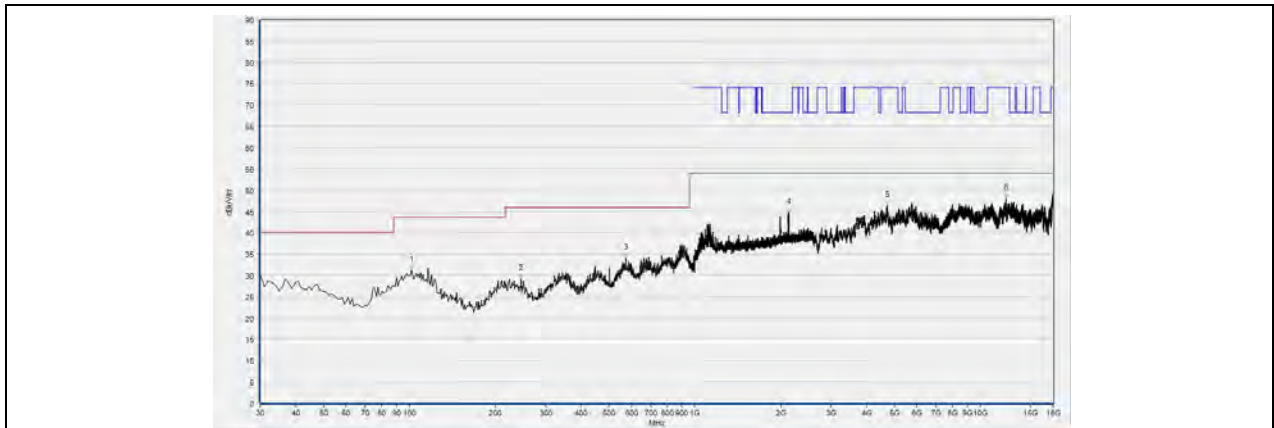


(Antenna Vertical, 30MHz to 18GHz)



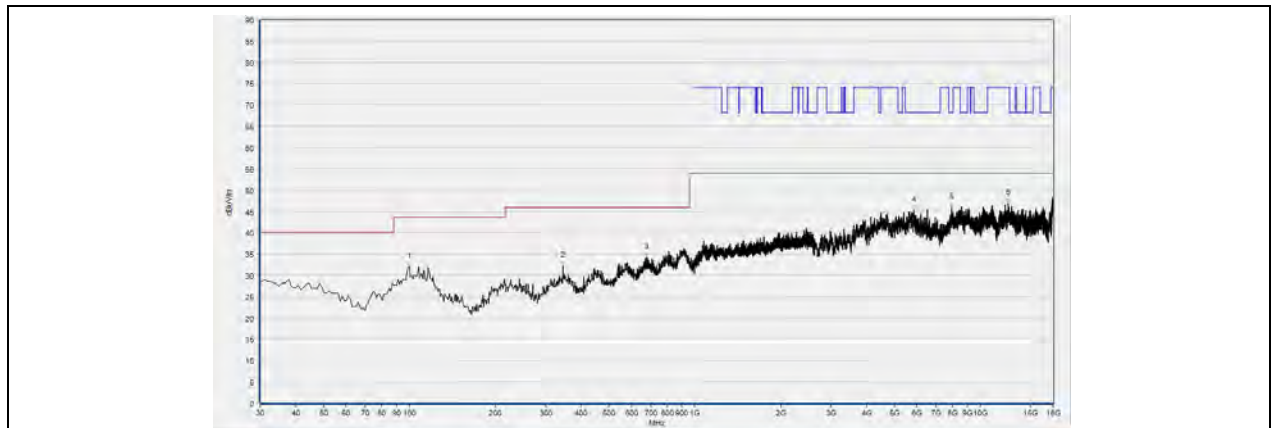
**802.11n (HT40) mode**

**Plot for Channel 38**



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
101.852	31.13	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
246.527	29.19	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
572.773	33.95	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2128.910	44.68	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4719.464	46.40	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12300.860	48.07	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

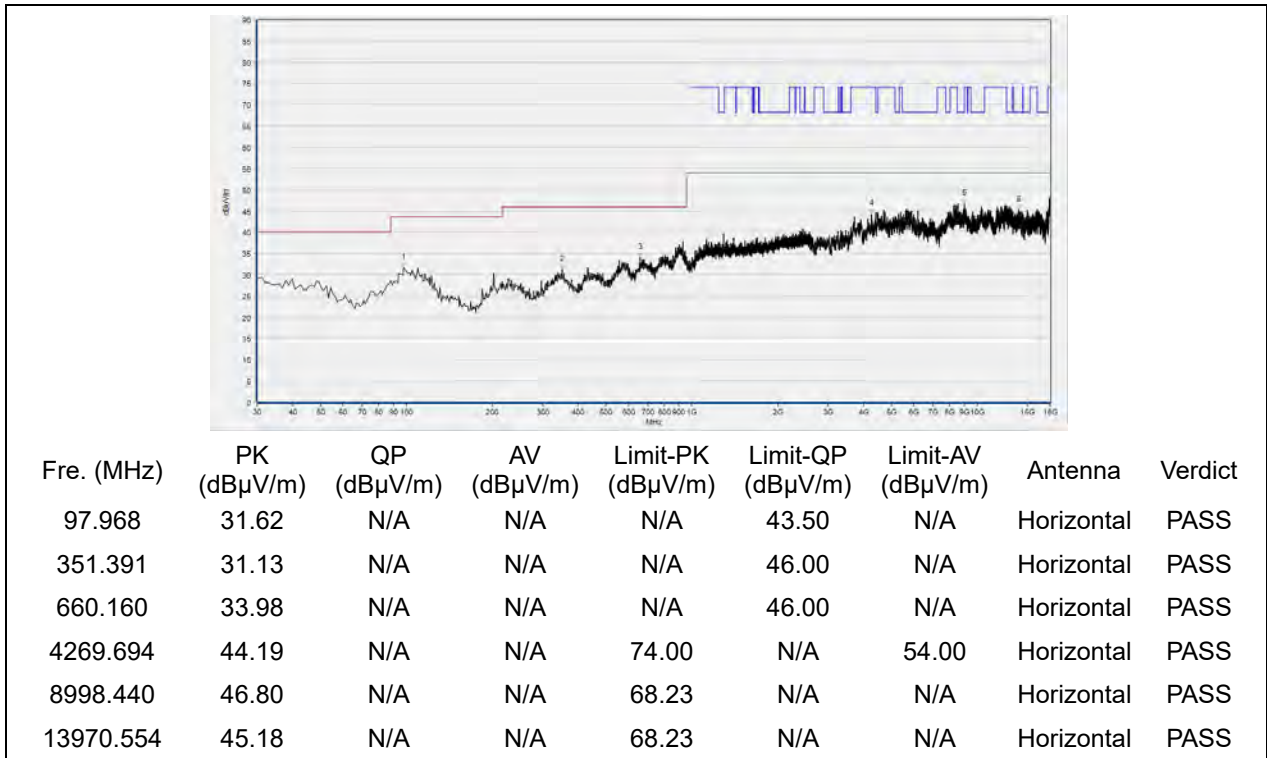
(Antenna Horizontal, 30MHz to 18GHz)



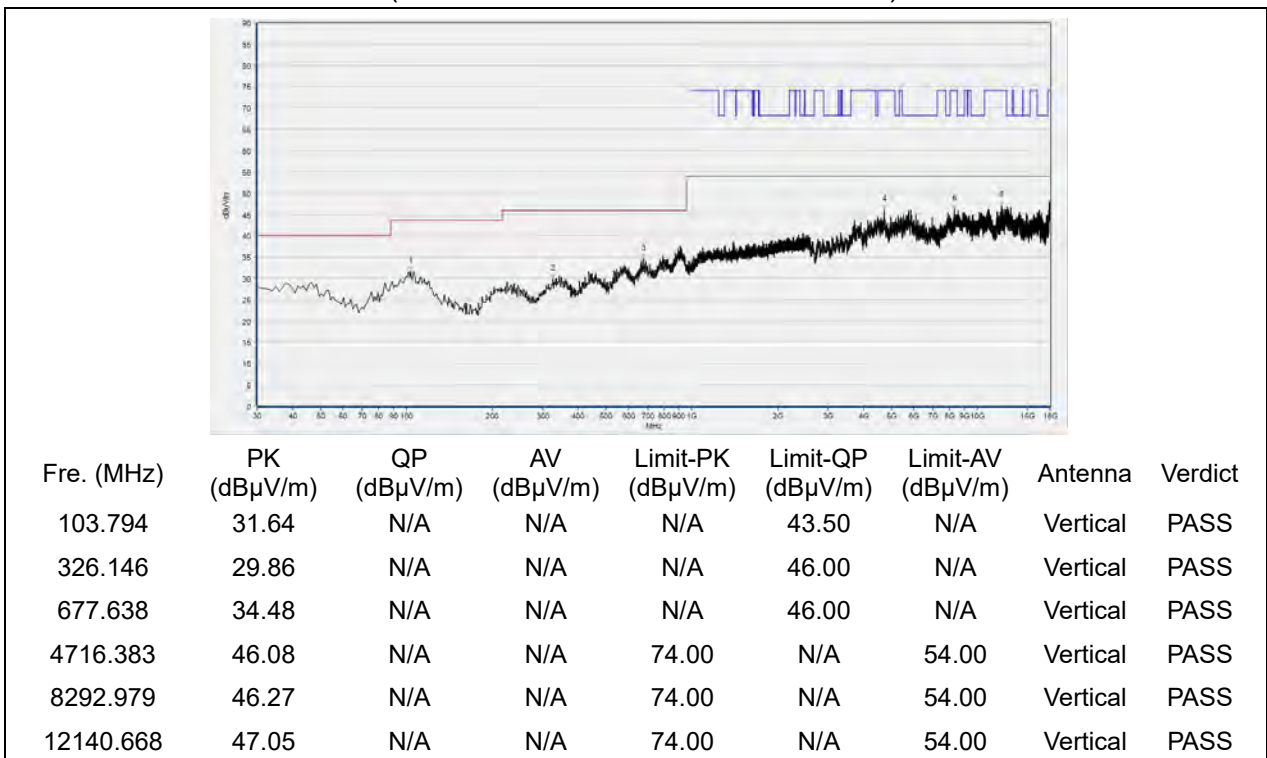
Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
99.910	32.05	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
344.595	32.13	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
677.638	34.20	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5862.372	45.28	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7935.627	45.92	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12553.471	46.93	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 46

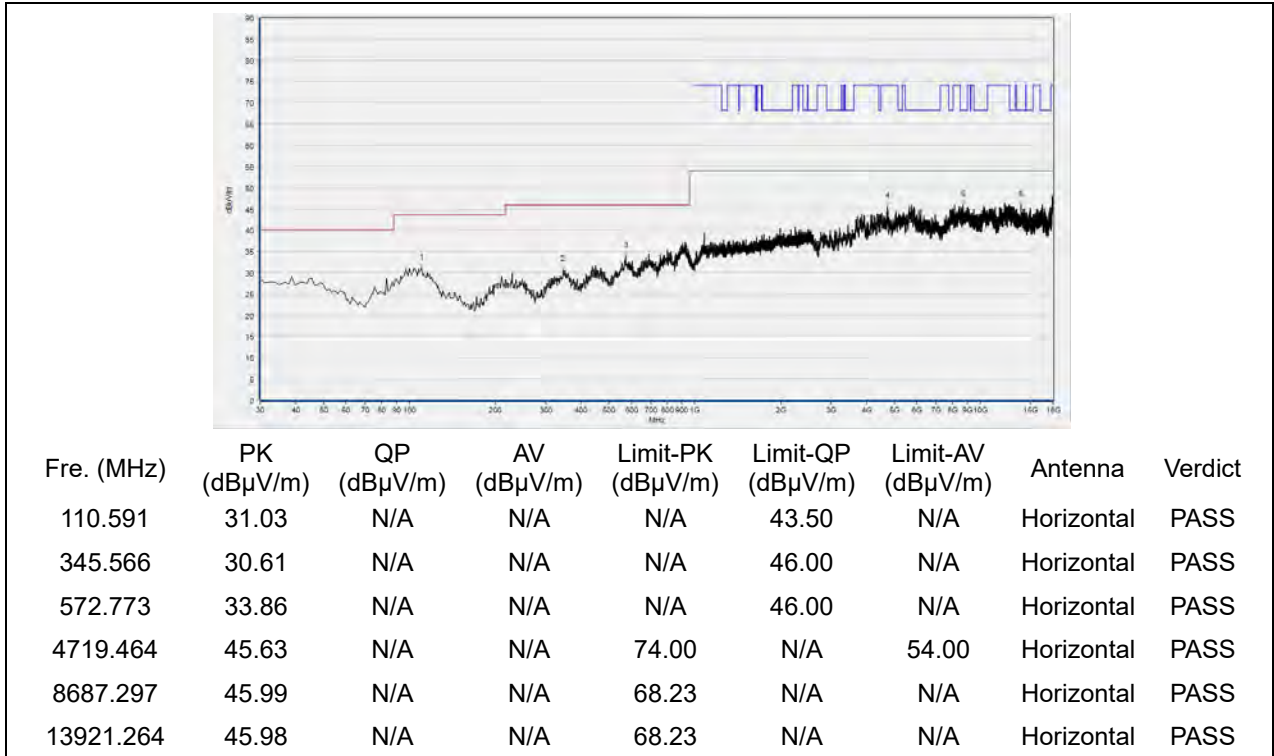


(Antenna Horizontal, 30MHz to 18GHz)

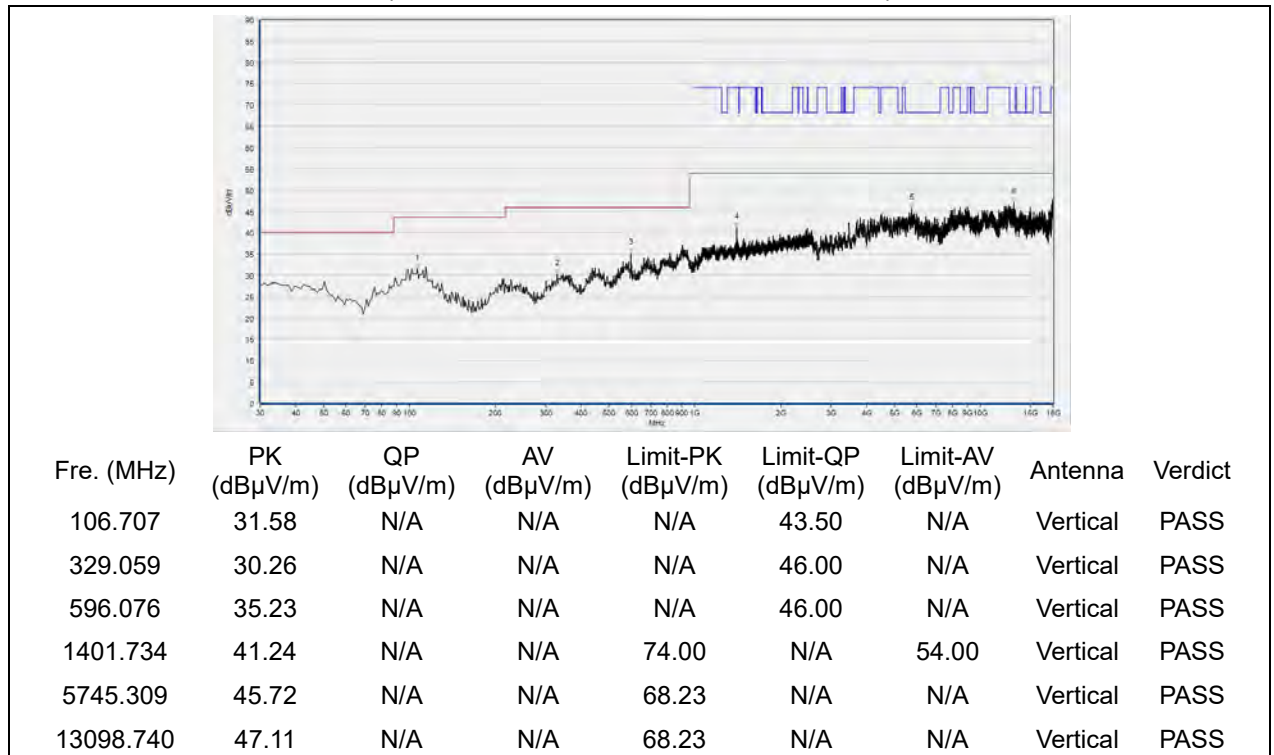


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 54

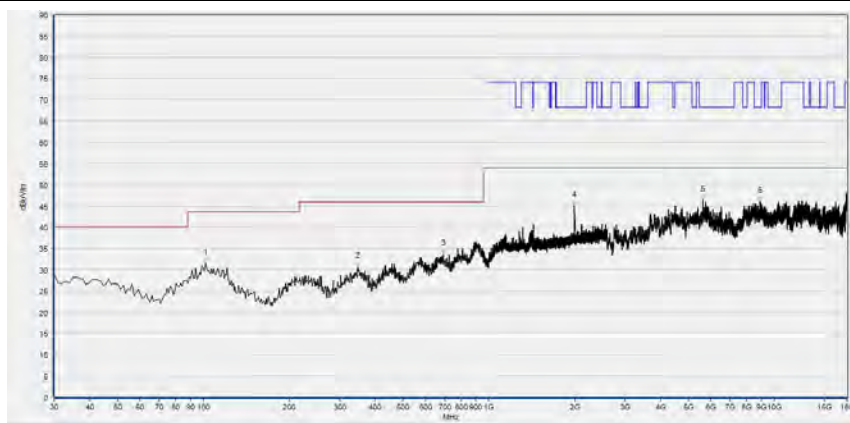


(Antenna Horizontal, 30MHz to 18GHz)



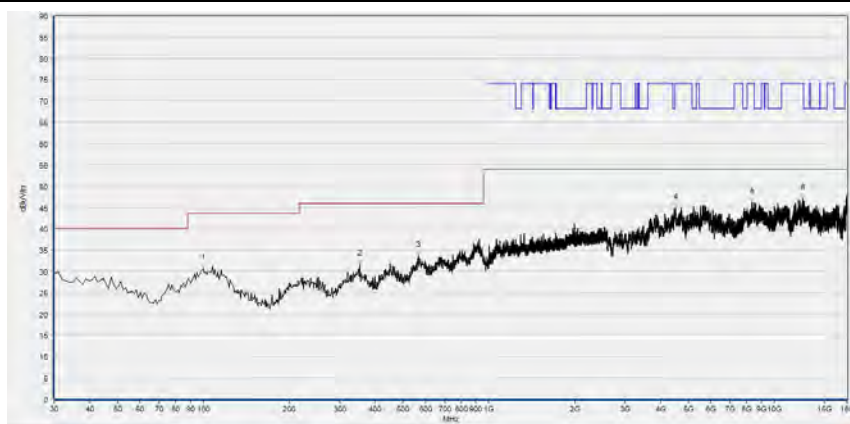
(Antenna Vertical, 30MHz to 18GHz)

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
101.852	31.54	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
346.537	30.73	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
692.202	33.75	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1994.998	45.07	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5634.407	46.43	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8927.586	46.13	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

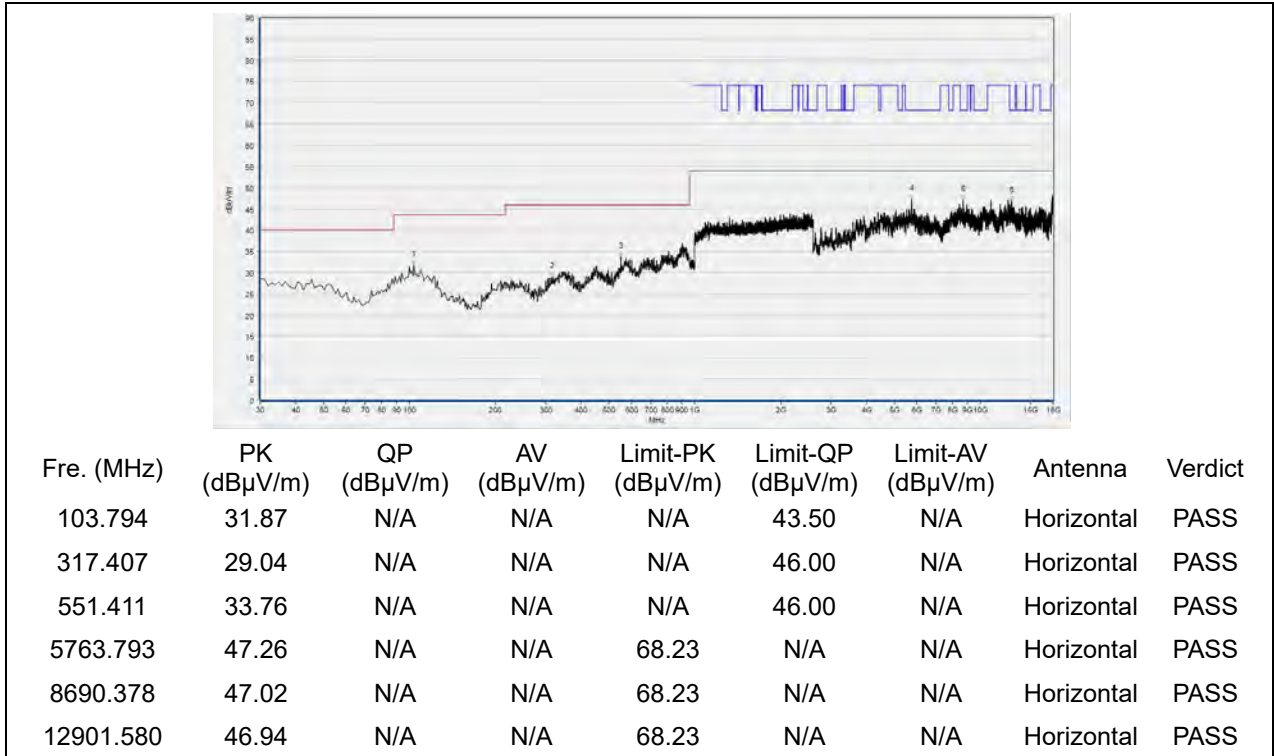
(Antenna Horizontal, 30MHz to 18GHz)



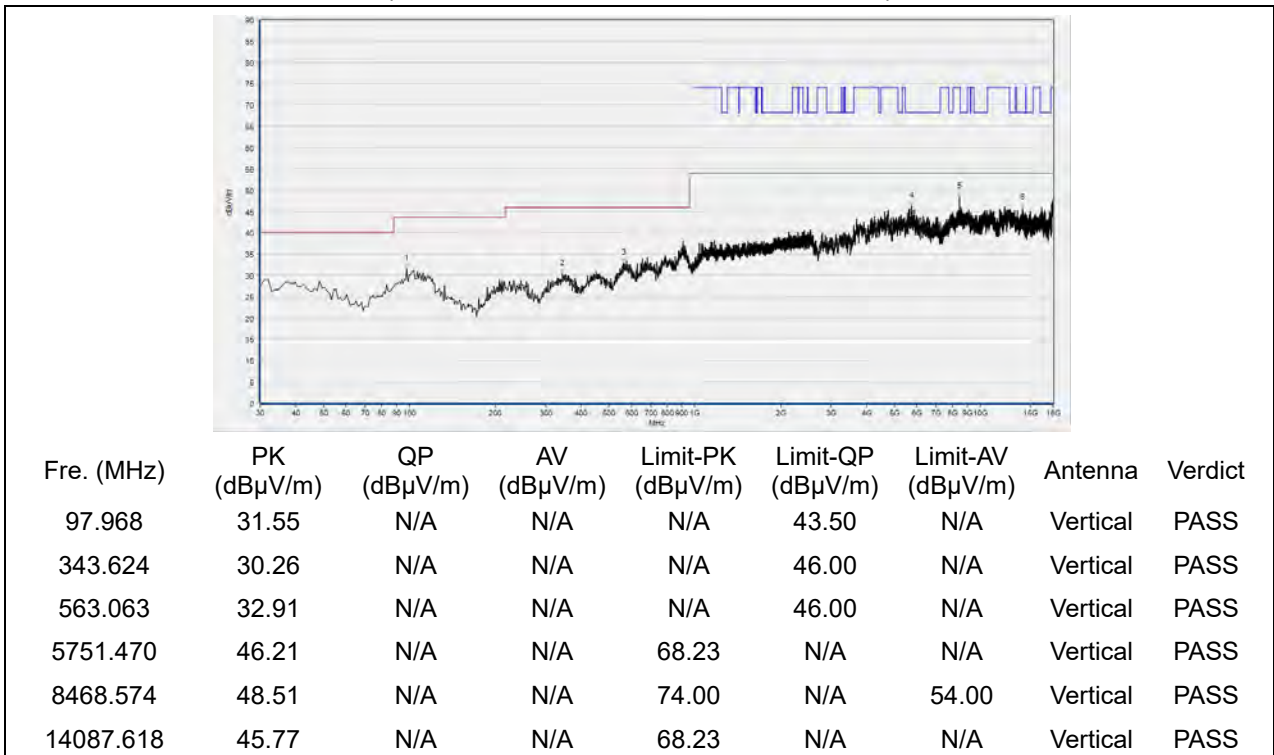
Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
99.910	30.72	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
353.333	31.72	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
566.947	33.75	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4522.304	44.89	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8342.268	46.24	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12593.519	47.09	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 102

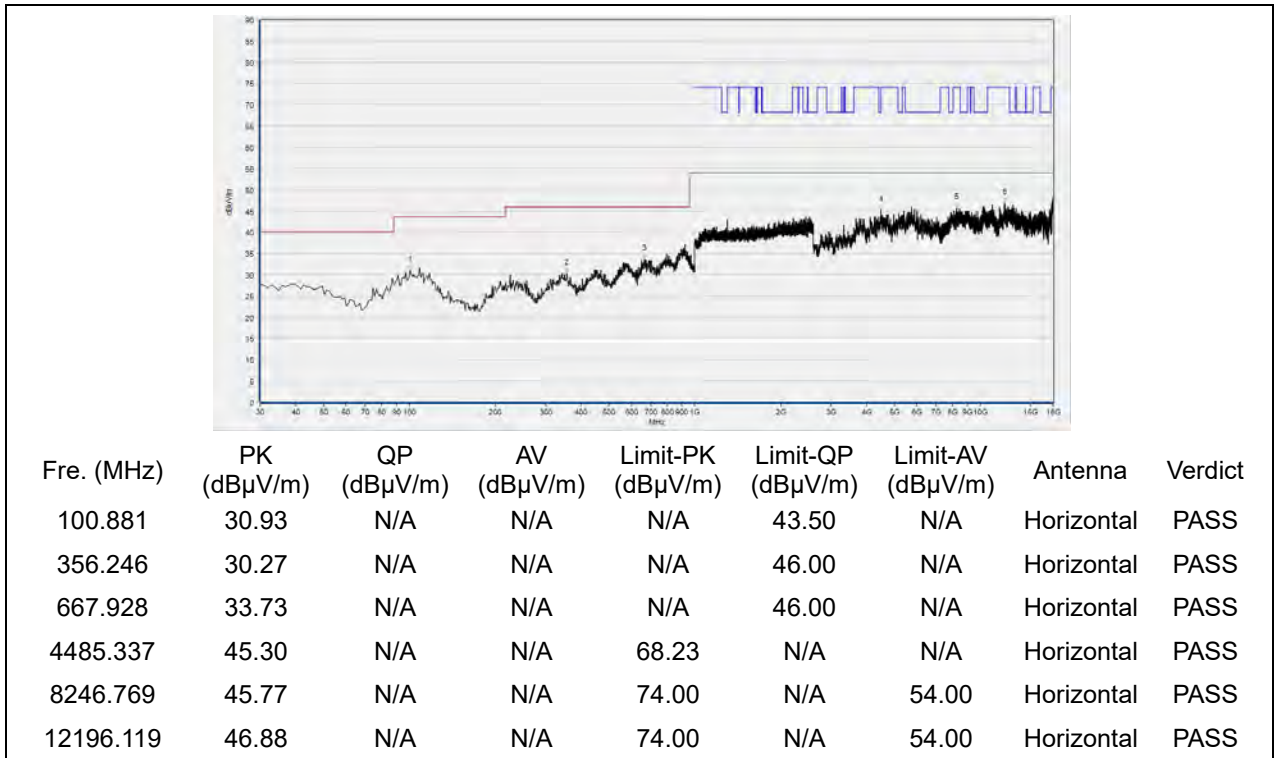


(Antenna Horizontal, 30MHz to 18GHz)

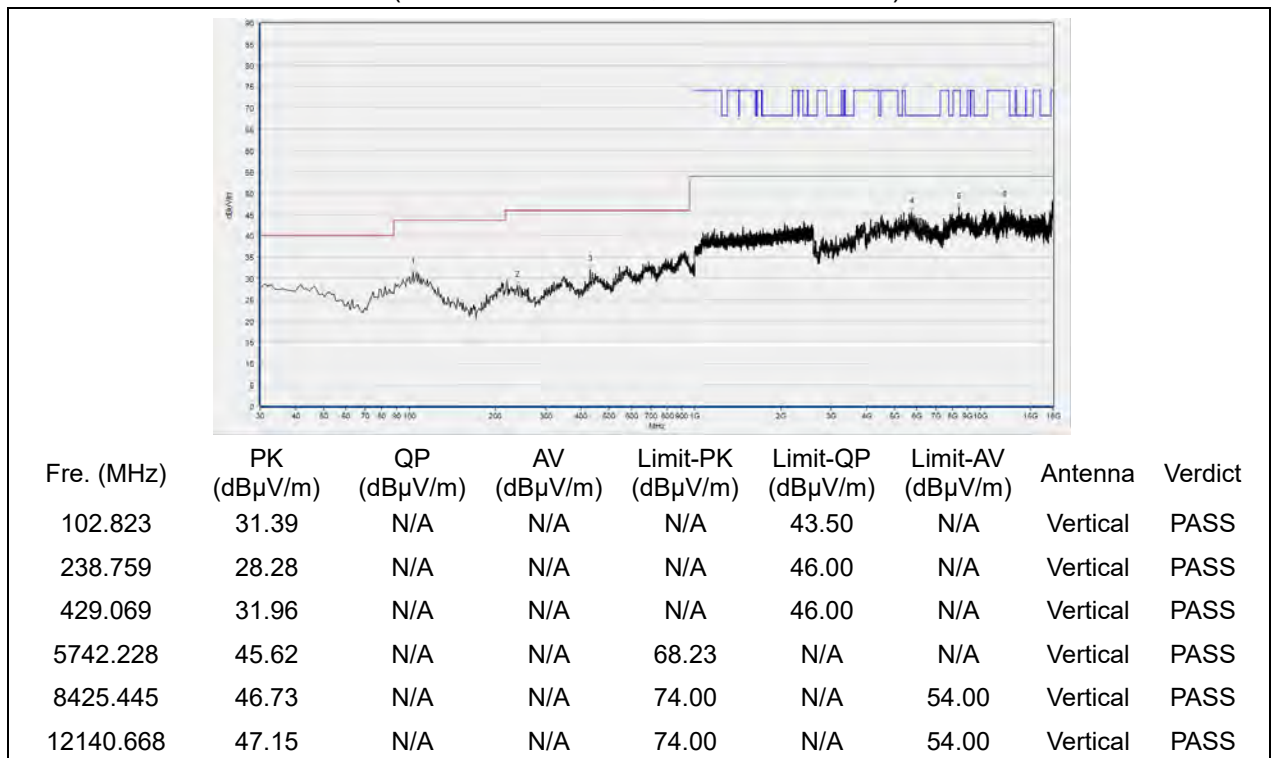


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 126

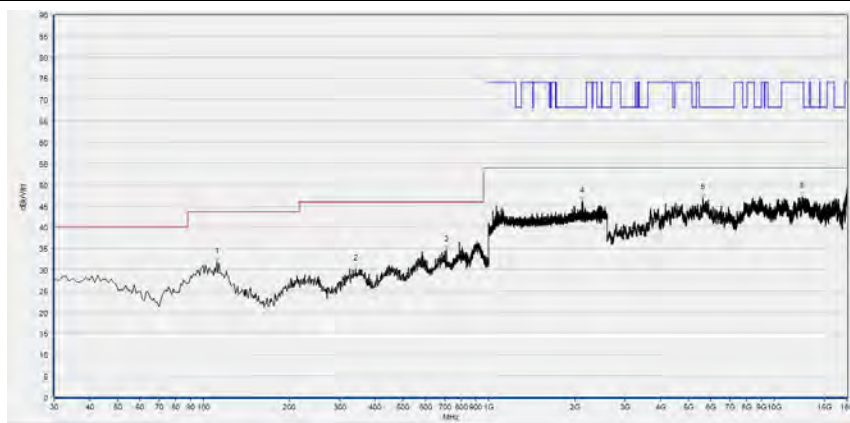


(Antenna Horizontal, 30MHz to 18GHz)



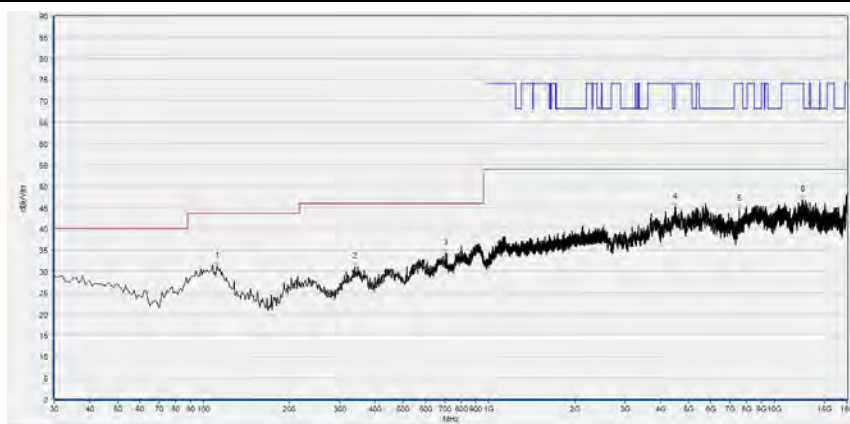
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 142



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
111.562	31.77	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
340.711	30.14	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
711.622	34.68	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2127.309	46.13	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5619.004	46.94	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12513.423	47.08	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

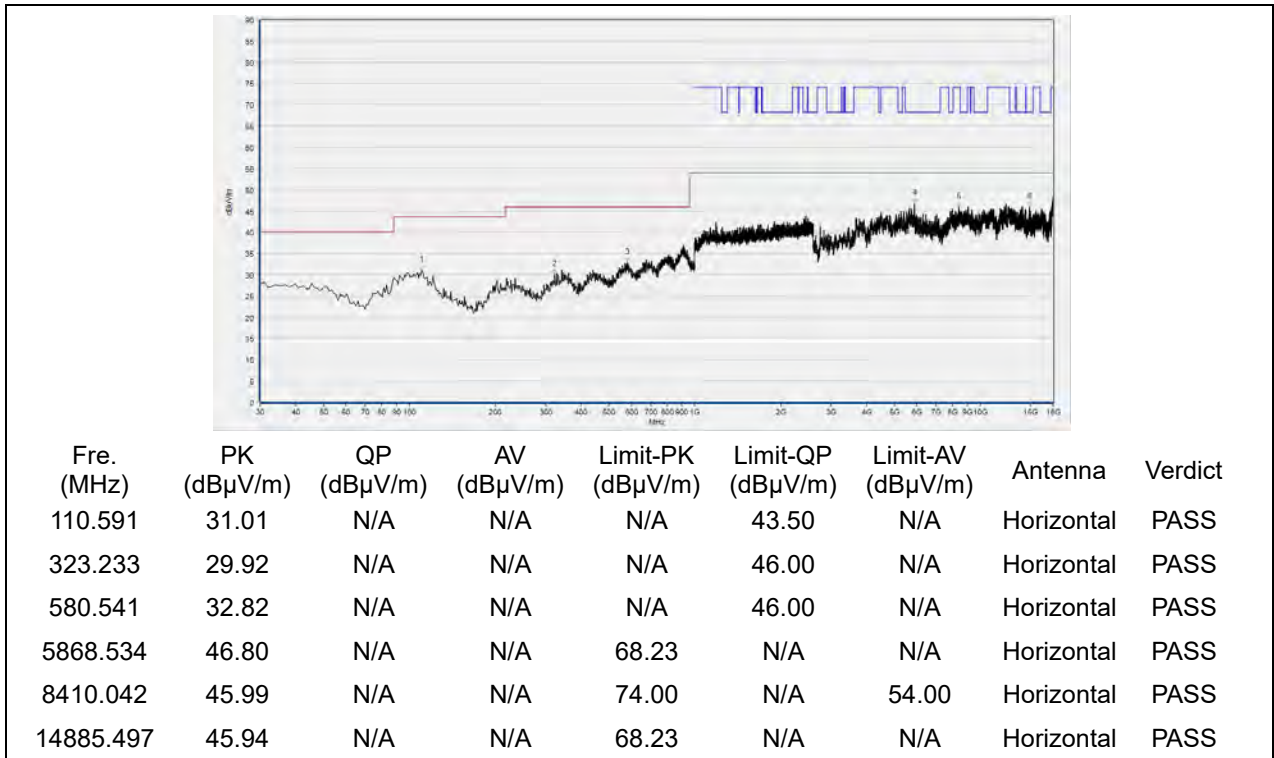


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
111.562	31.23	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
339.740	30.93	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
703.854	34.15	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4488.418	45.13	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7550.550	44.54	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12599.680	46.79	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

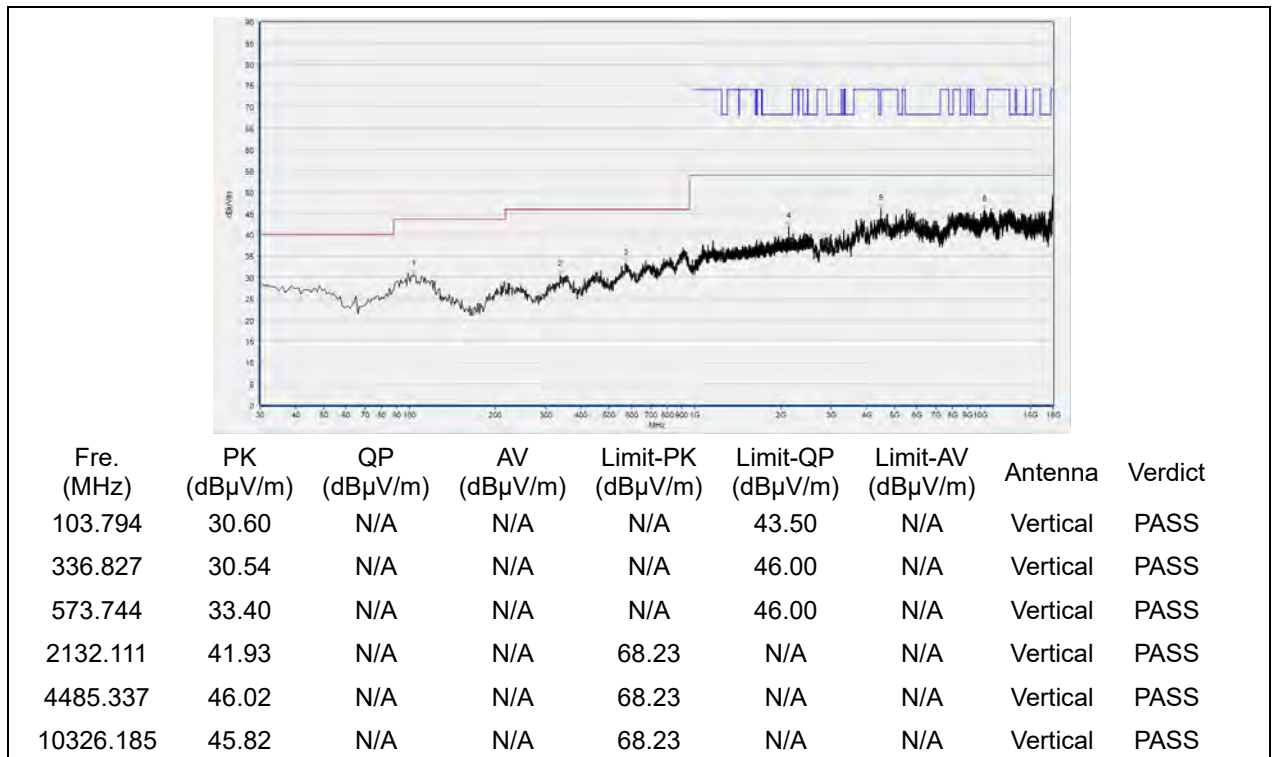
(Antenna Vertical, 30MHz to 18GHz)



Plot for Channel 151

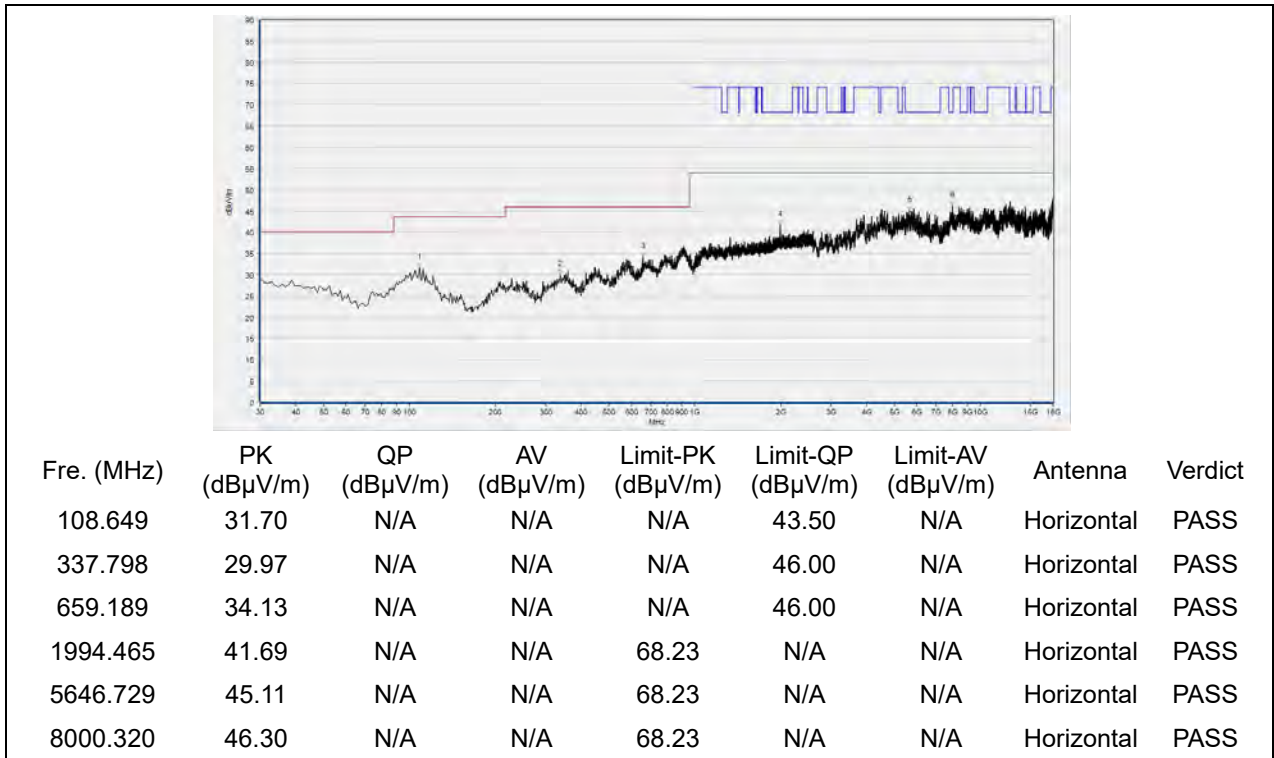


(Antenna Horizontal, 30MHz to 18GHz)

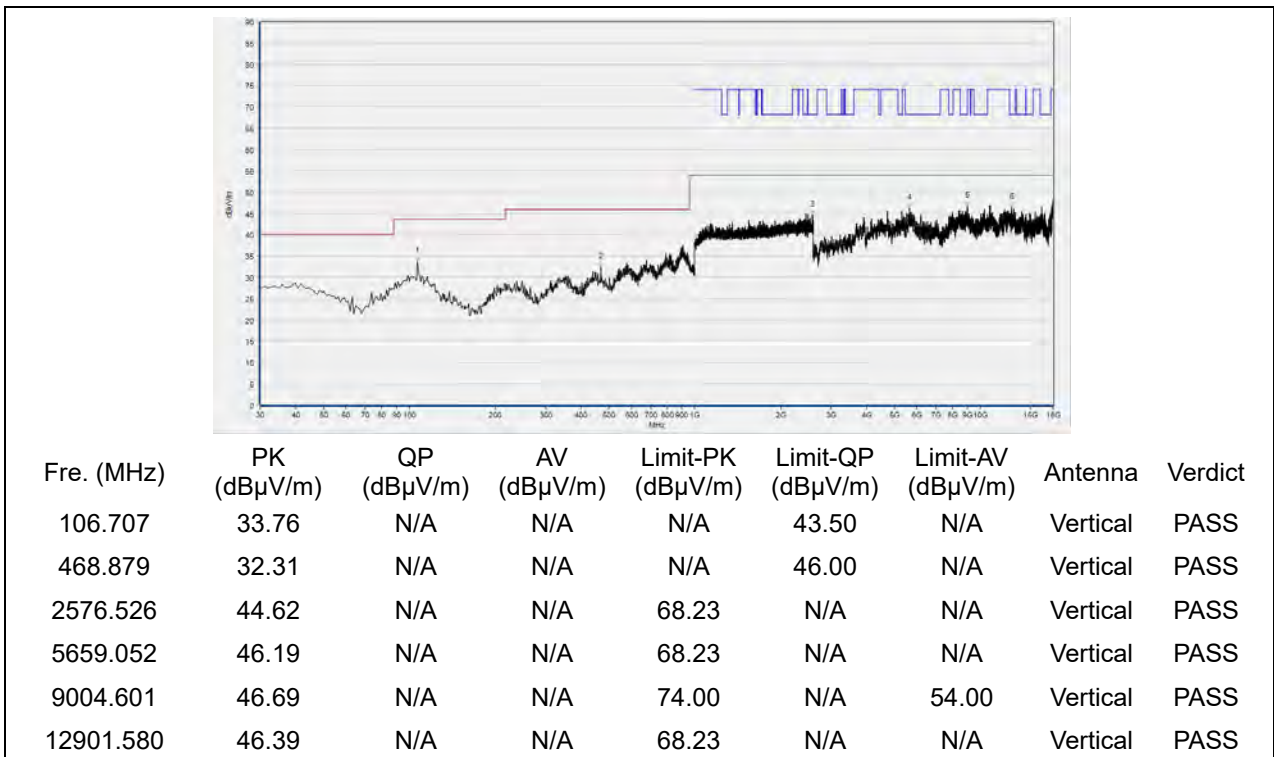


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 159



(Antenna Horizontal, 30MHz to 18GHz)

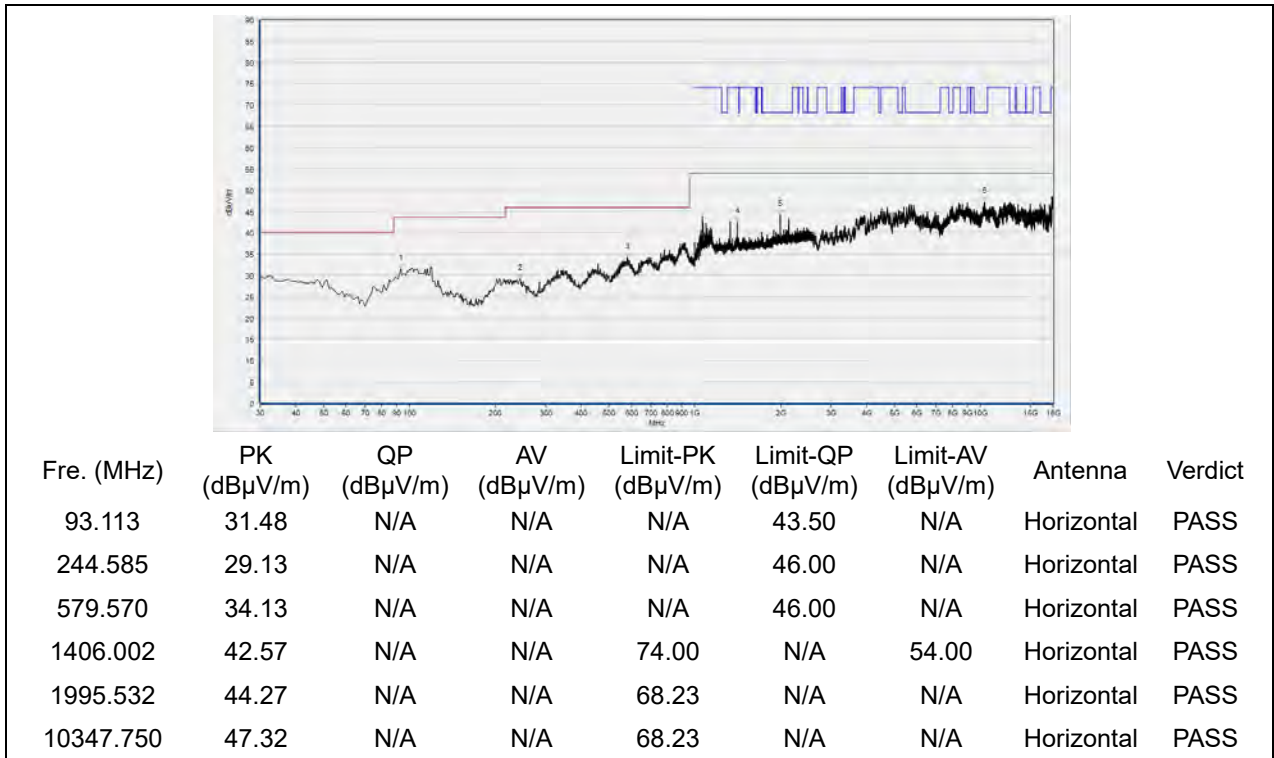


(Antenna Vertical, 30MHz to 18GHz)

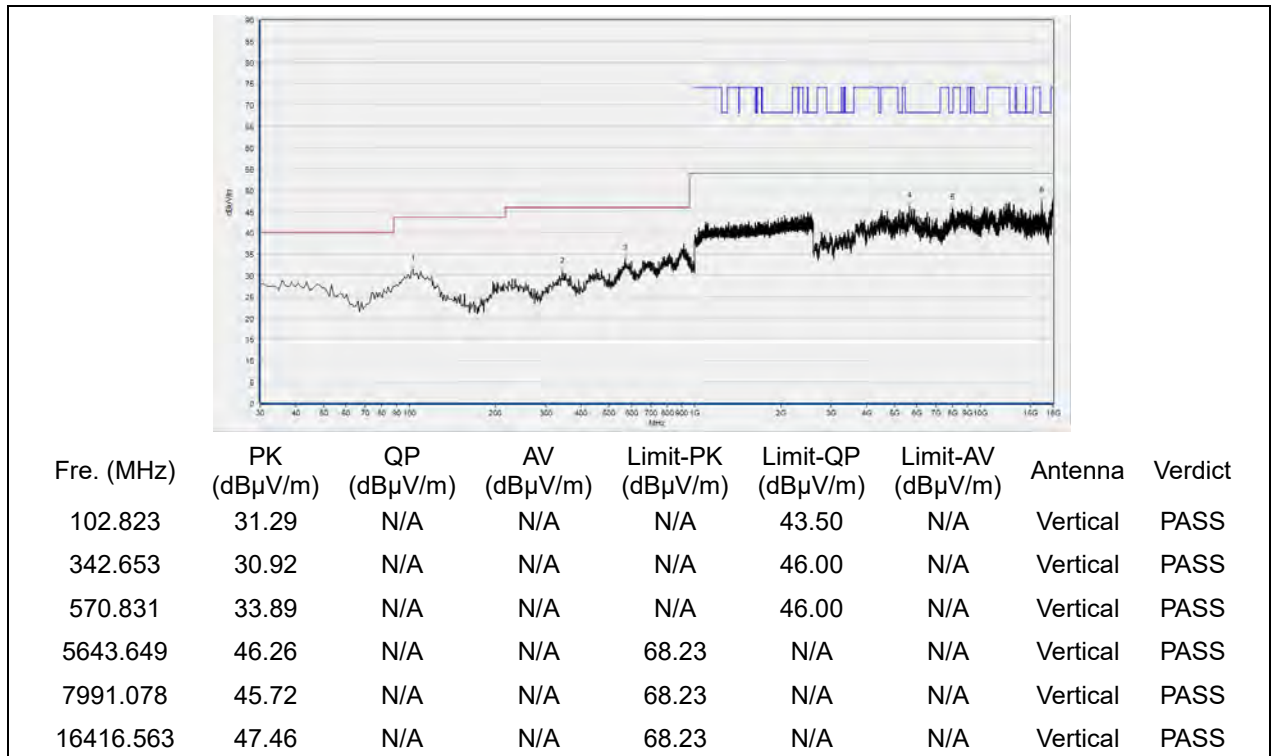


**802.11ac (VHT80) Mode**

Plot for Channel 42

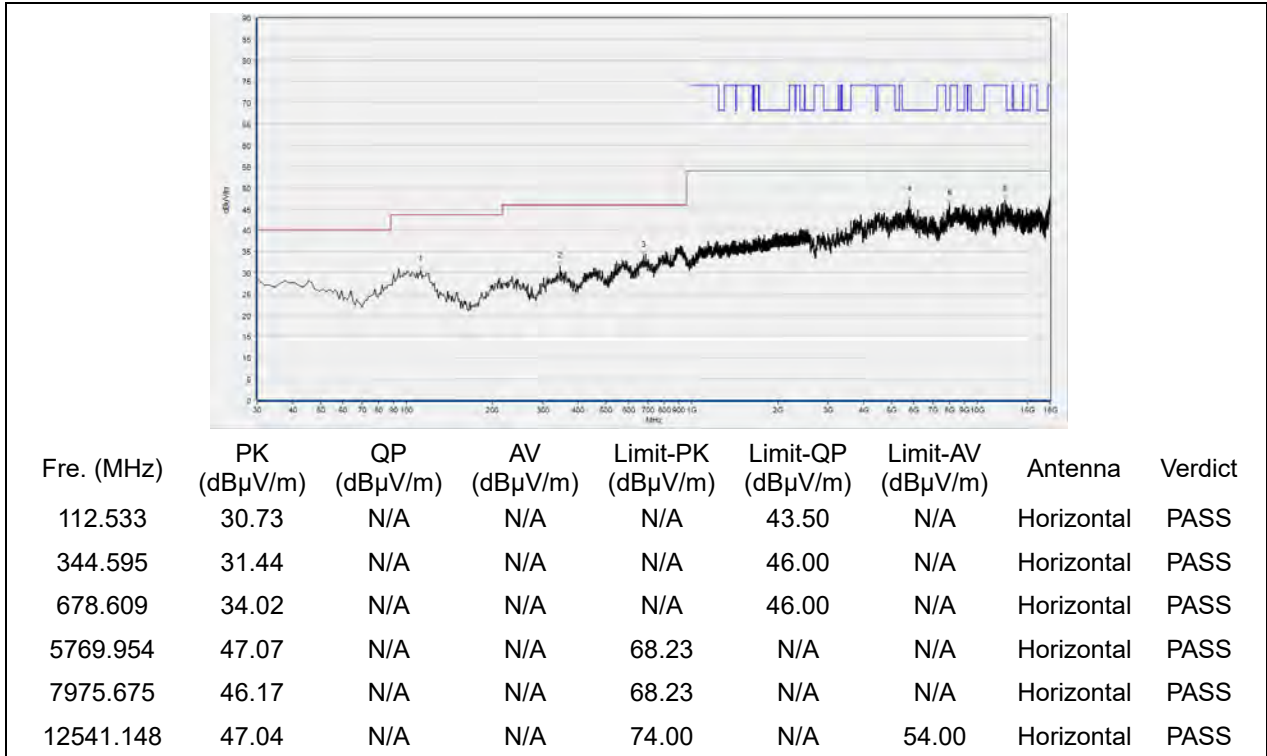


(Antenna Horizontal, 30MHz to 18GHz)

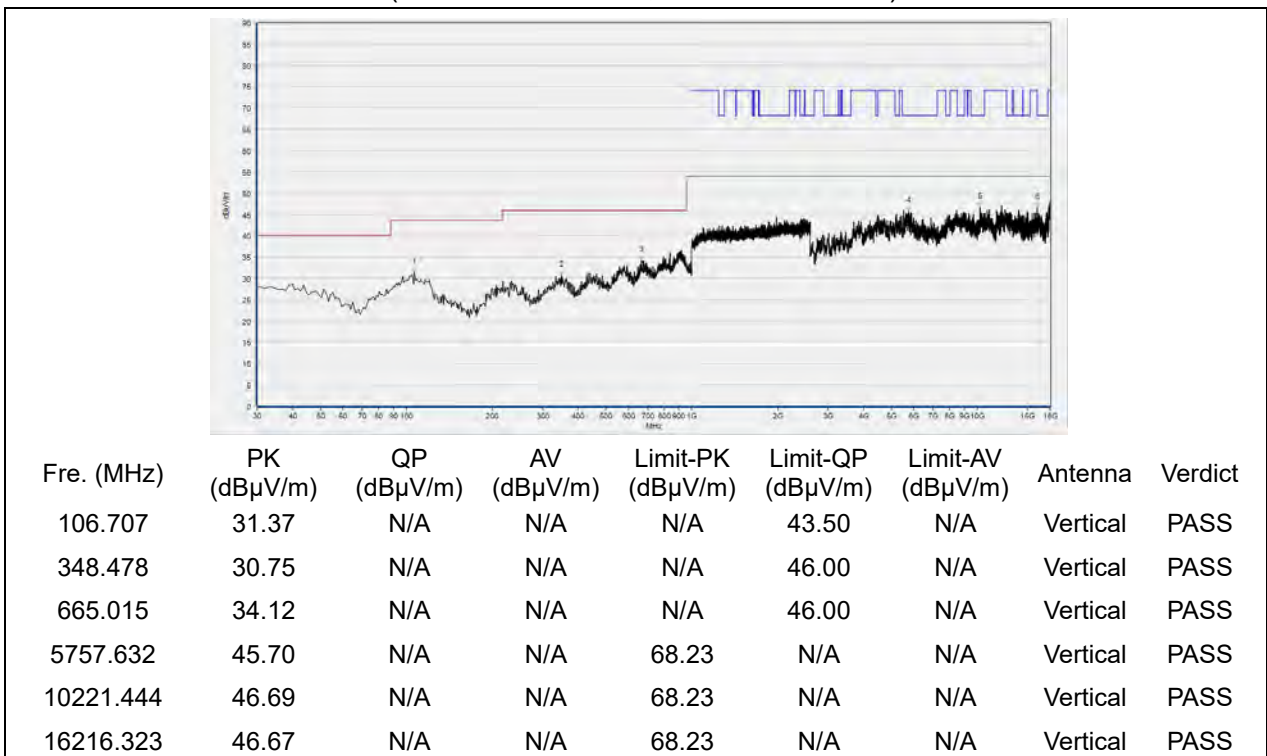


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 58

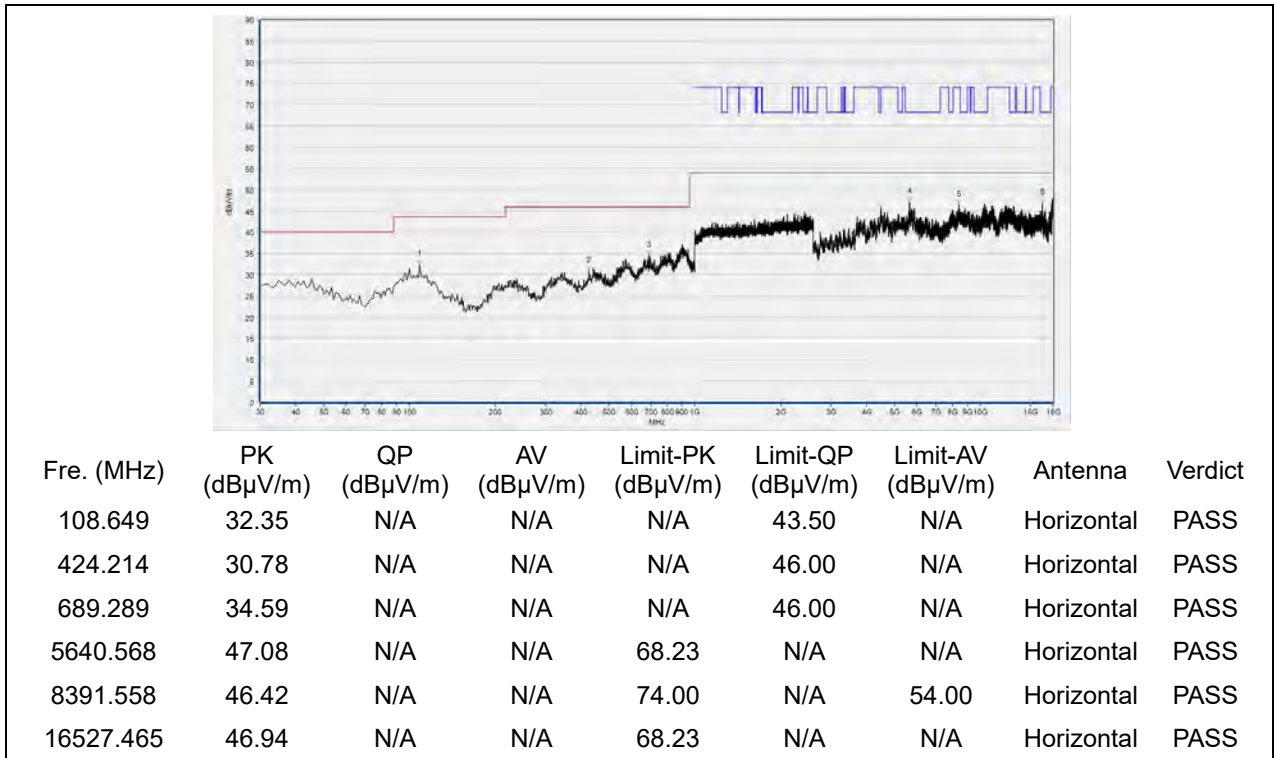


(Antenna Horizontal, 30MHz to 18GHz)

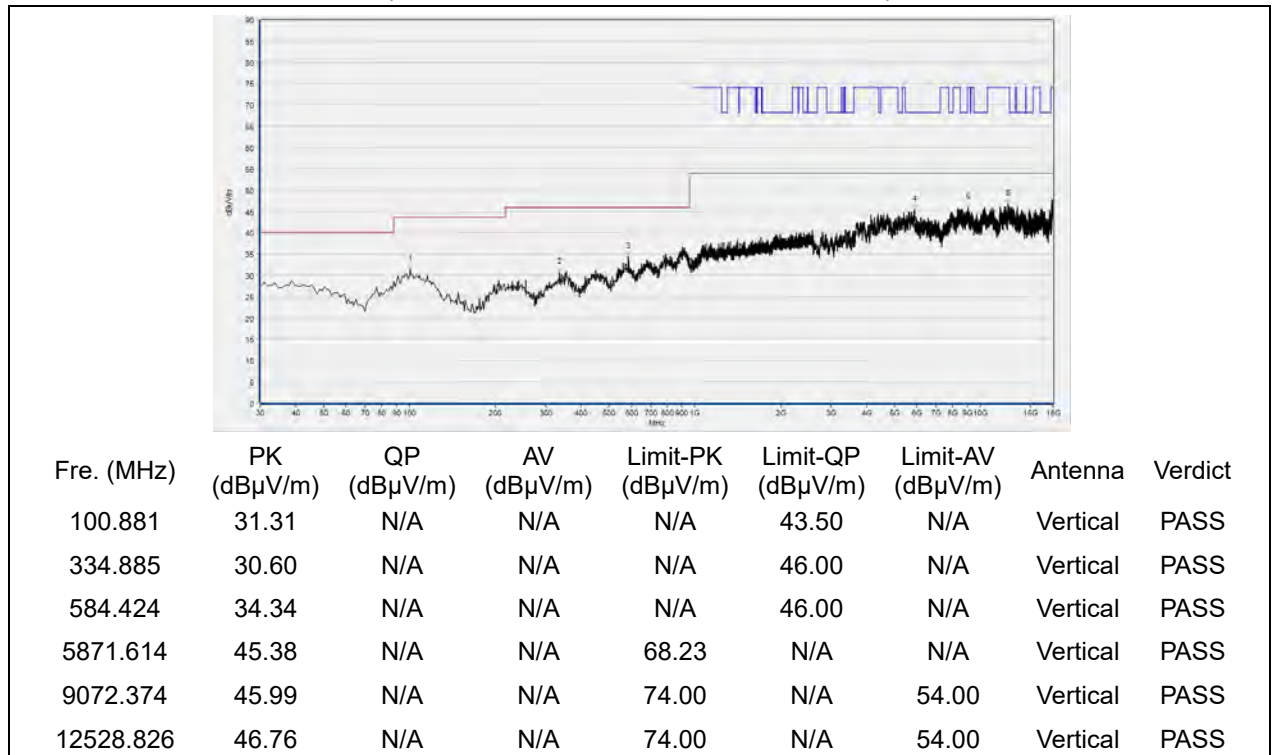


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 106

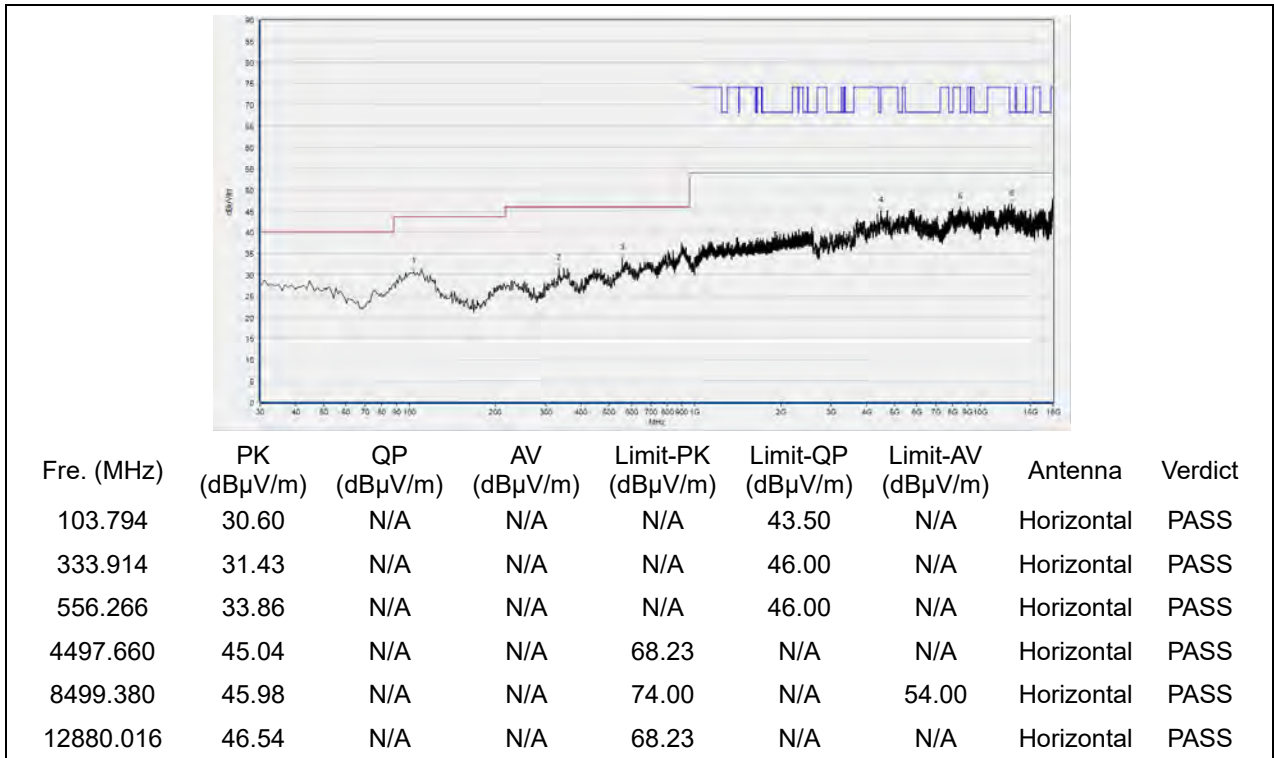


(Antenna Horizontal, 30MHz to 18GHz)

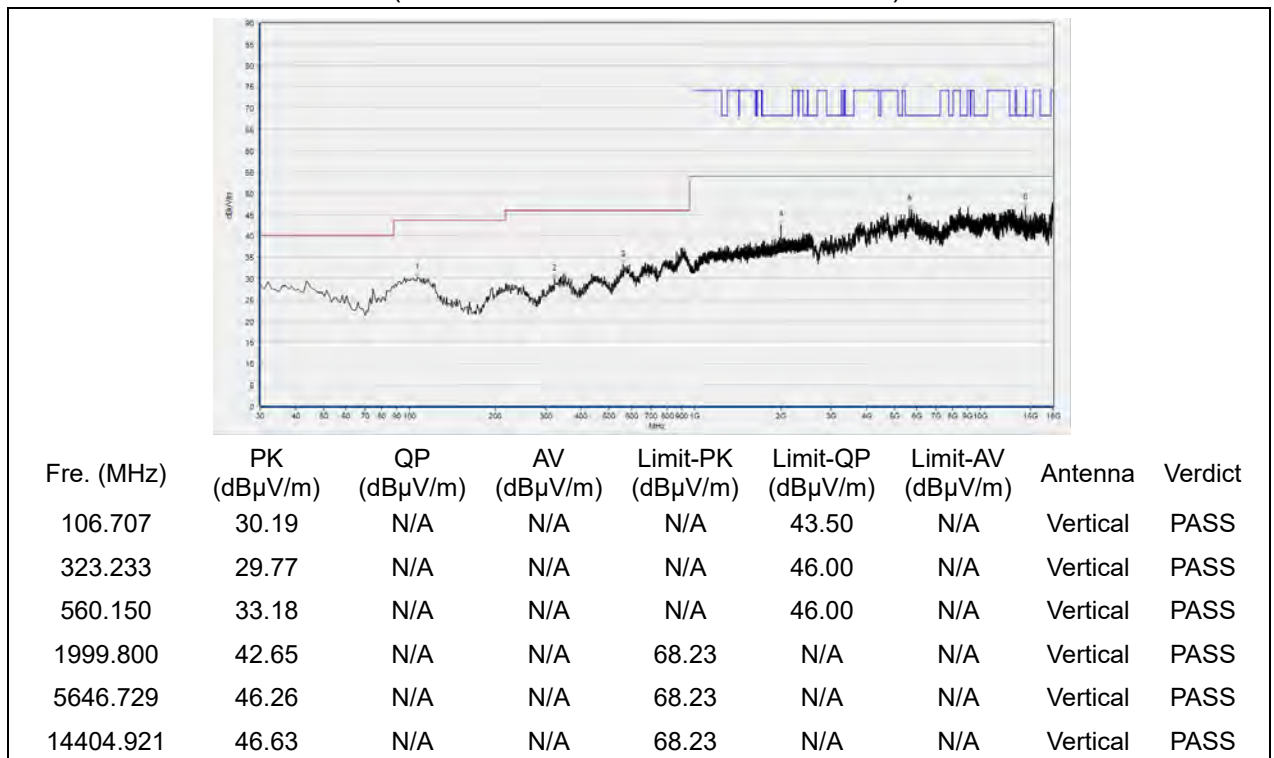


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 122

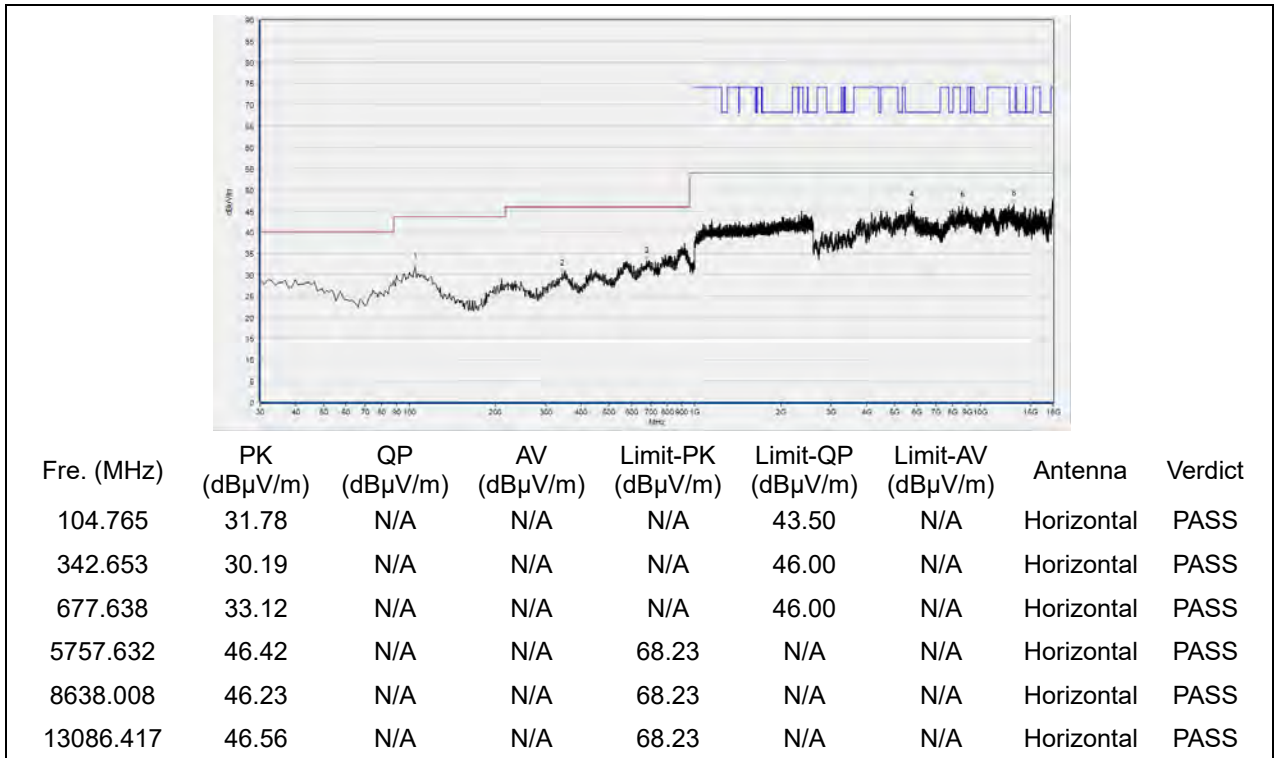


(Antenna Horizontal, 30MHz to 18GHz)

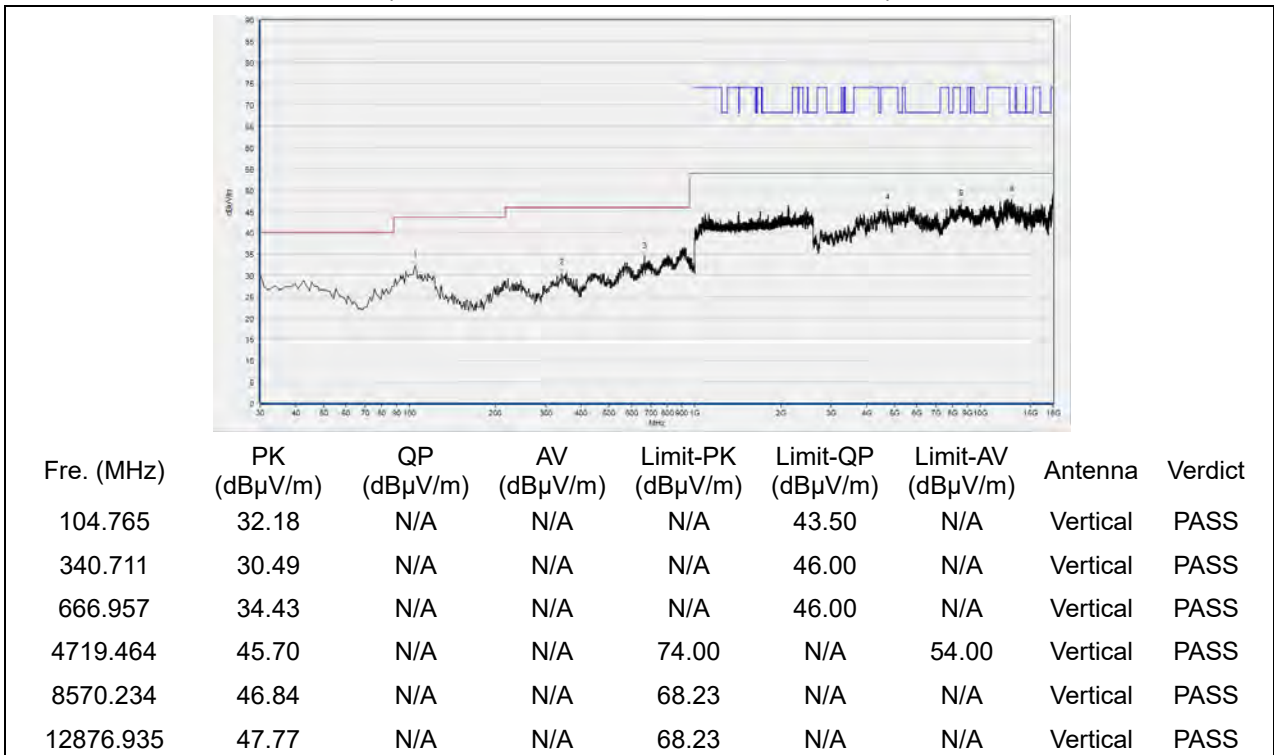


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 138

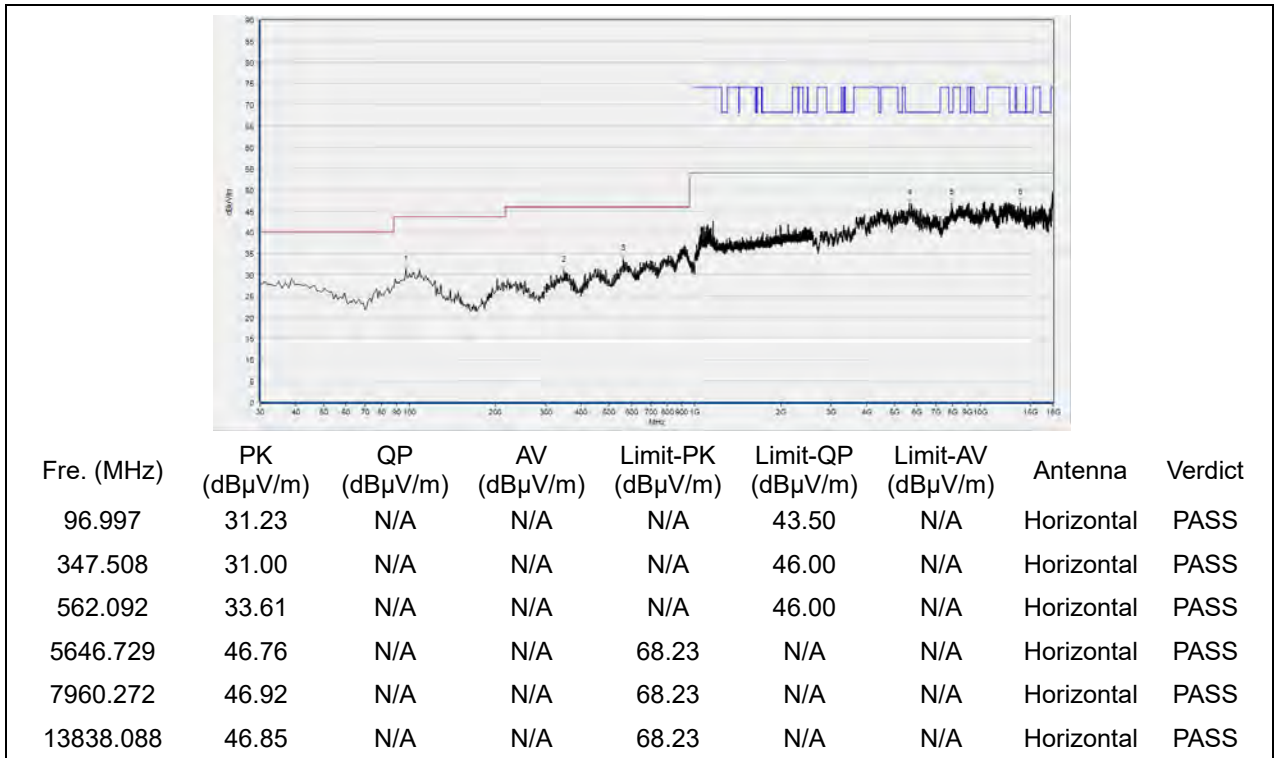


(Antenna Horizontal, 30MHz to 18GHz)

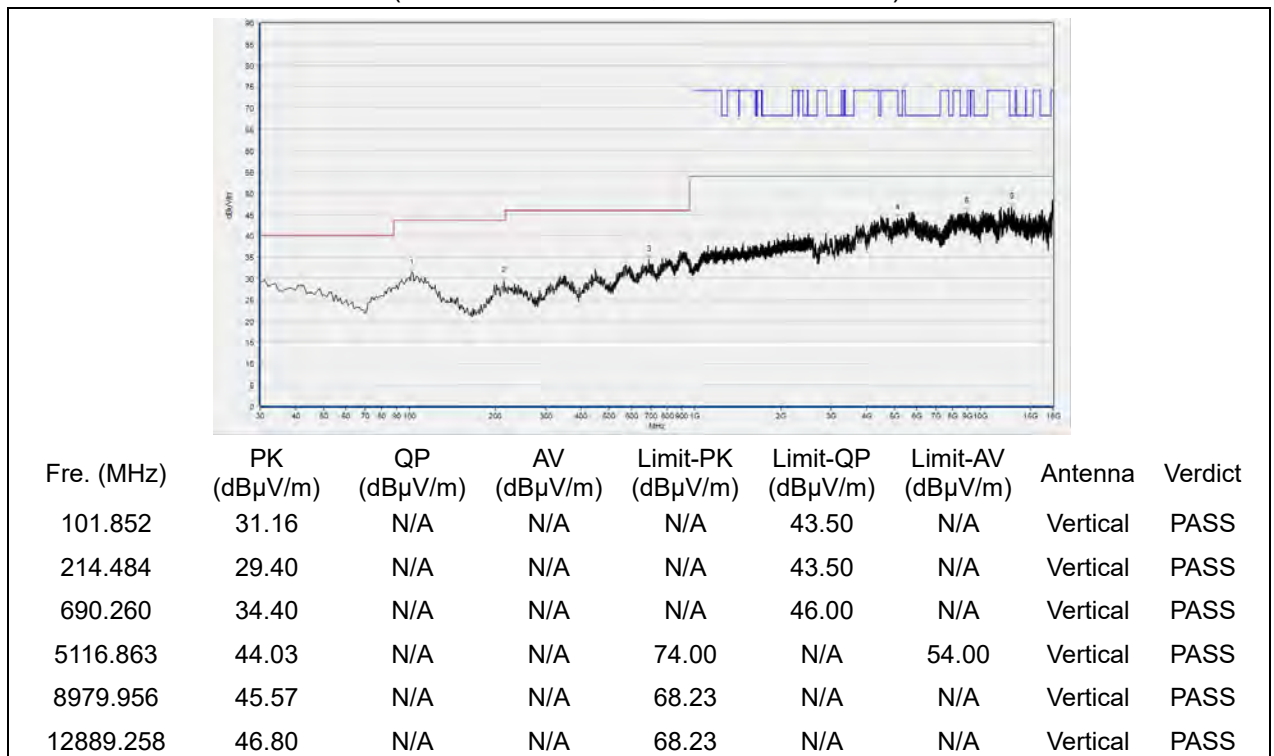


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 155



(Antenna Horizontal, 30MHz to 18GHz)



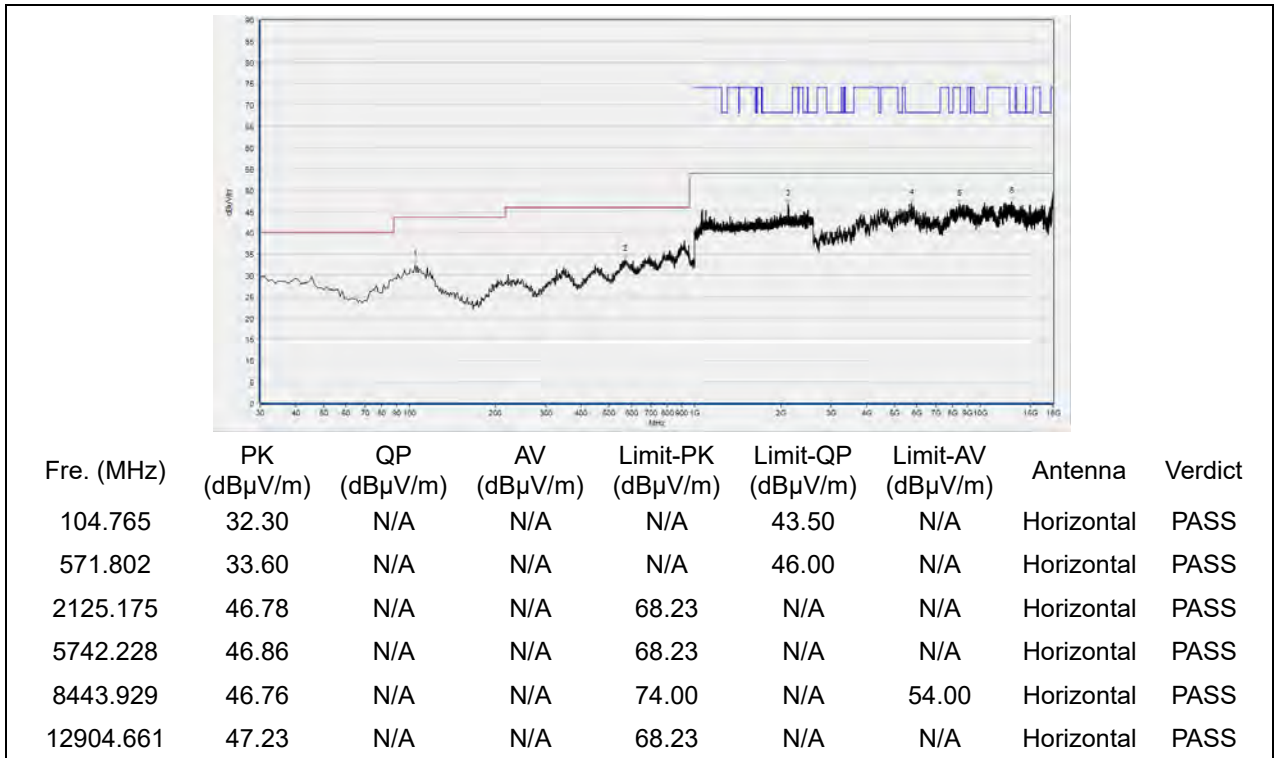
(Antenna Vertical, 30MHz to 18GHz)



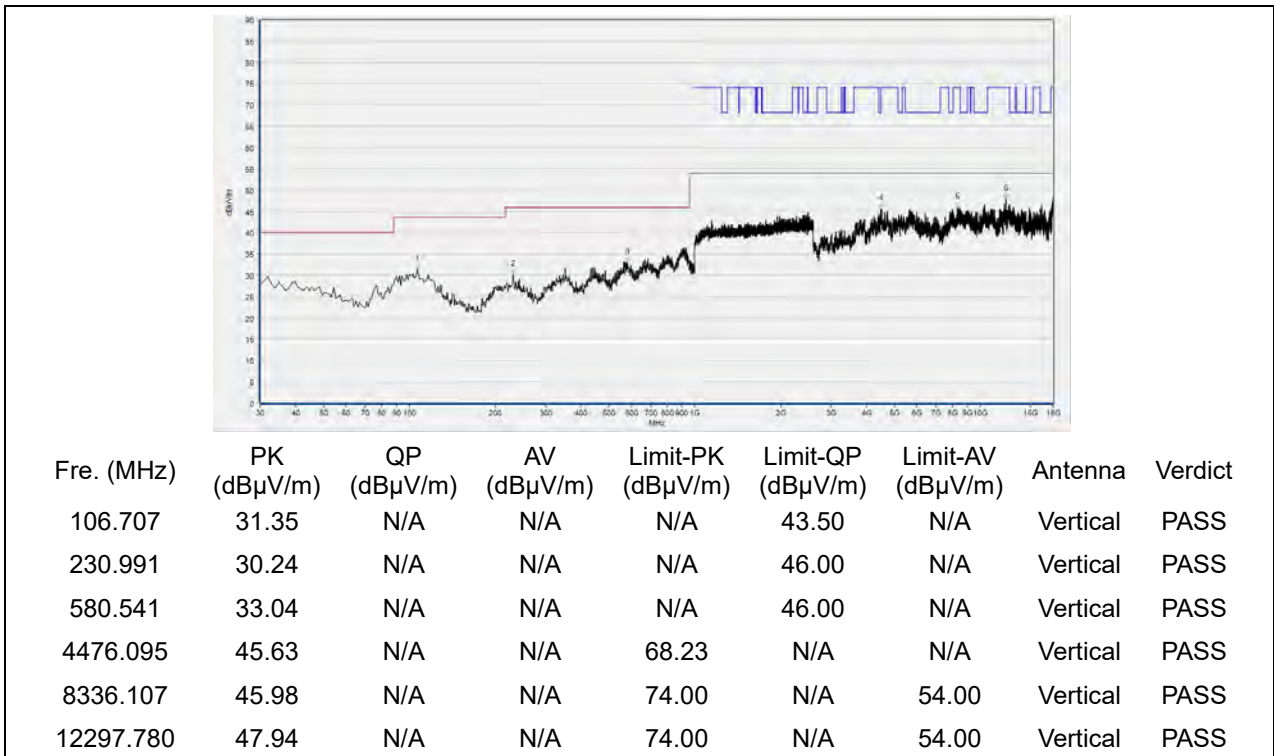


**802.11ac (VHT160) Mode**

Plot for Channel 50

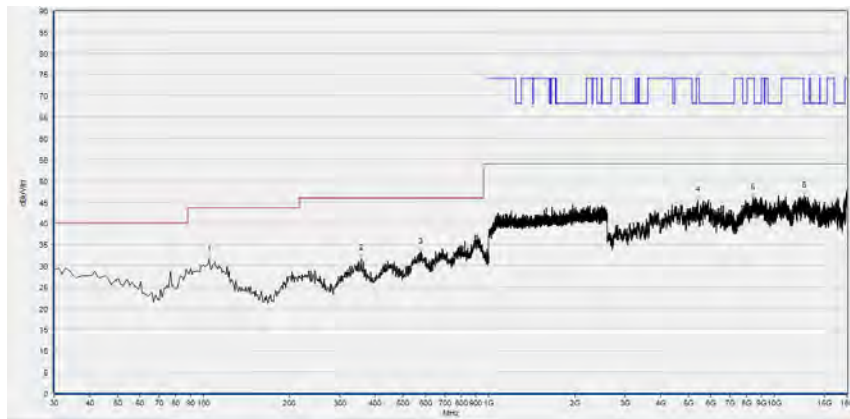


(Antenna Horizontal, 30MHz to 18GHz)



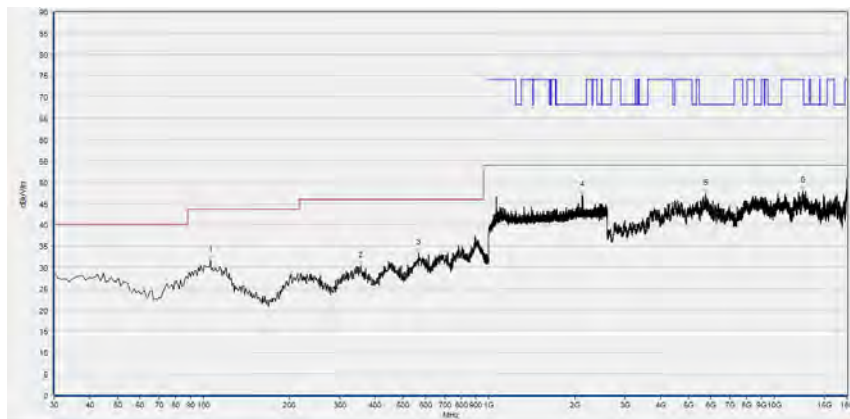
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 114



Fre. (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	31.28	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
358.188	31.74	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
576.657	33.11	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5397.199	45.37	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8428.526	45.89	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12707.502	46.43	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
105.736	31.71	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
355.275	30.33	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
567.918	33.34	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2126.776	46.86	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5754.551	47.24	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12599.680	47.89	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)



## Annex A Test Uncertainty

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

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

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



## Annex B Testing Laboratory Information

### 1. Identification of the Responsible Testing Laboratory

<b>Laboratory Name:</b>	Shenzhen Morlab Communications Technology Co., Ltd.
<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.
<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	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
				2022.10.11	2023.10.10
Temperature Chamber	12108015	DTL-003S101	YOMA	2021.10.20	2022.10.19
				2022.10.10	2023.10.09
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
Computer	T430i	Think Pad	Lenovo	N/A	N/A

##### 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	812744	NSLK 8127	Schwarzbeck	2022.03.03	2023.03.02
Pulse Limiter (10dB)	VTSD 9561 F-B #206	VTSD 9561-F	Schwarzbeck	2022.07.06	2023.07.05
Coaxial cable(BNC) (30MHz-26GHz)	CB01	EMC01	Morlab	N/A	N/A

##### 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	2022.07.06	2023.07.05
Test Antenna - Bi-Log	9163-519	VULB 9163	Schwarzbeck	2022.05.25	2025.05.24
Test Antenna - Loop	1519-022	FMZB1519	Schwarzbeck	2022.02.11	2025.02.10
Test Antenna – Horn	01774	BBHA 9120D	Schwarzbeck	2022.07.13	2025.07.12
Test Antenna – Horn	BBHA9170#773	BBHA 9170	Schwarzbeck	2022.07.14	2025.07.13
Coaxial Cable (N male) (9KHz-30MHz)	CB04	EMC04	Morlab	N/A	N/A
Coaxial Cable (N male) (30MHz-26GHz)	CB02	EMC02	Morlab	N/A	N/A
Coaxial Cable (N male) (30MHz-26GHz)	CB03	EMC03	Morlab	N/A	N/A
Coaxial Cable (N male) (30MHz-40GHz)	CB05	EMC05	Morlab	N/A	N/A
1-18GHz pre-Amplifier	61171/61172	S020180L3203	Tonscend	2022.07.08	2023.07.07
18-26.5GHz pre-Amplifier	46732	S10M100L3802	Tonscend	2022.07.08	2023.07.07
26-40GHz pre-Amplifier	56774	S40M400L4002	Tonscend	2022.07.08	2023.07.07
Notch Filter	N/A	WRCG-5150-5350	Wainwright	2022.07.08	2023.07.07
Notch Filter	N/A	WRCG-5470-5725	Wainwright	2022.07.08	2023.07.07
Notch Filter	N/A	WRCG-5725-5850	Wainwright	2022.07.08	2023.07.07



REPORT No.: SZ22090213W02

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

————— END OF REPORT —————