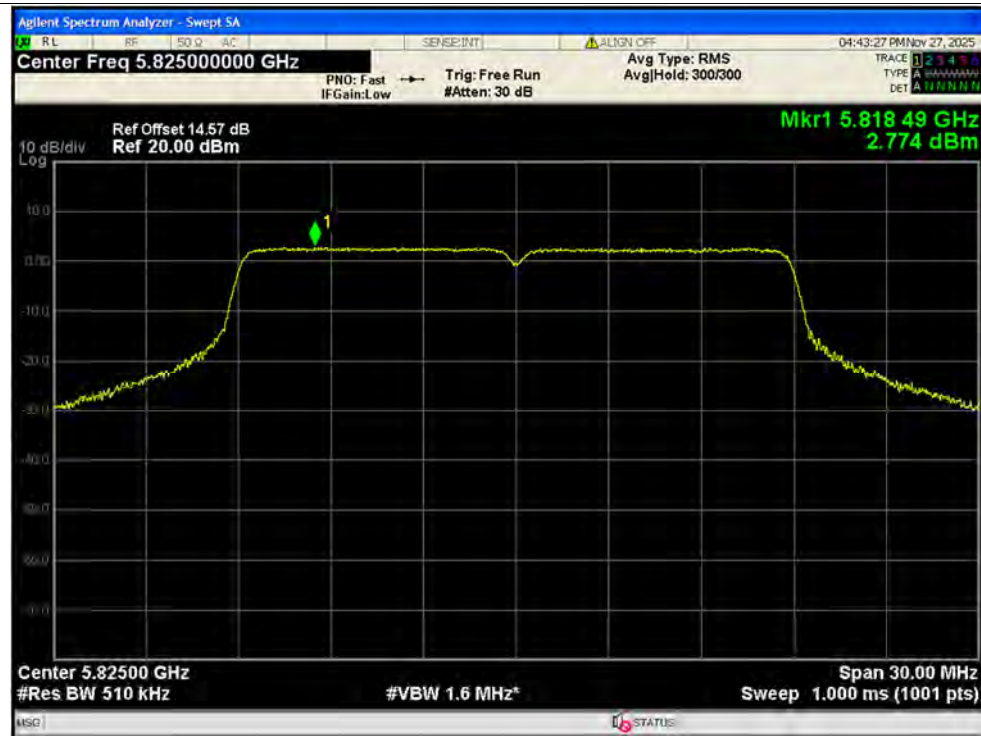


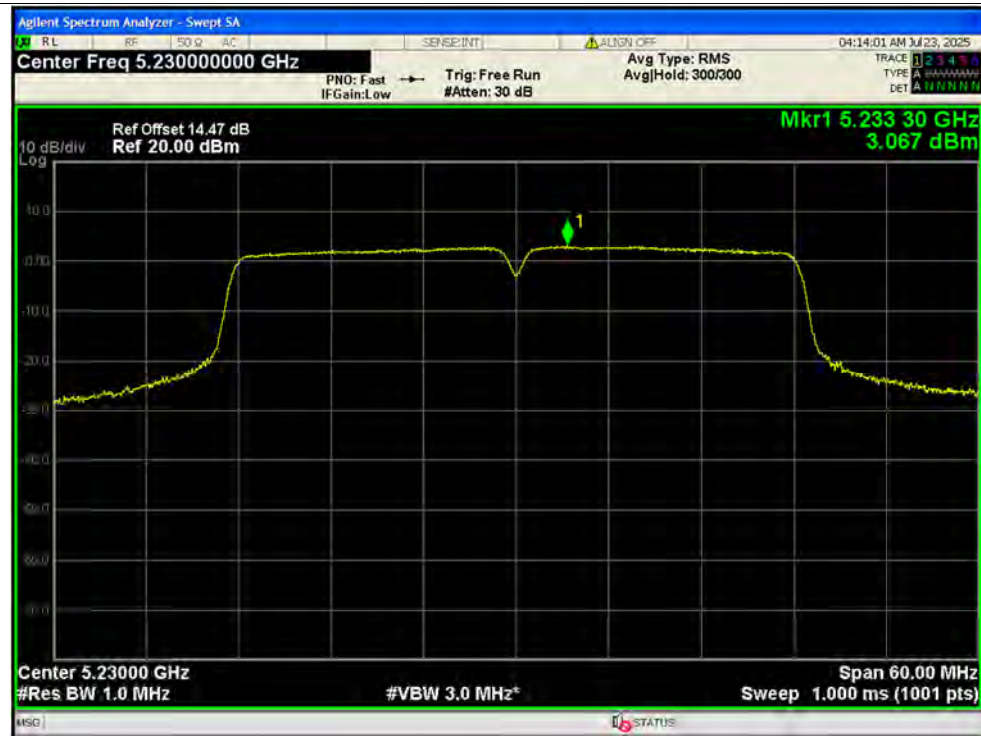
PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac40 5190MHz Ant1



PSD NVNT ac40 5230MHz Ant1



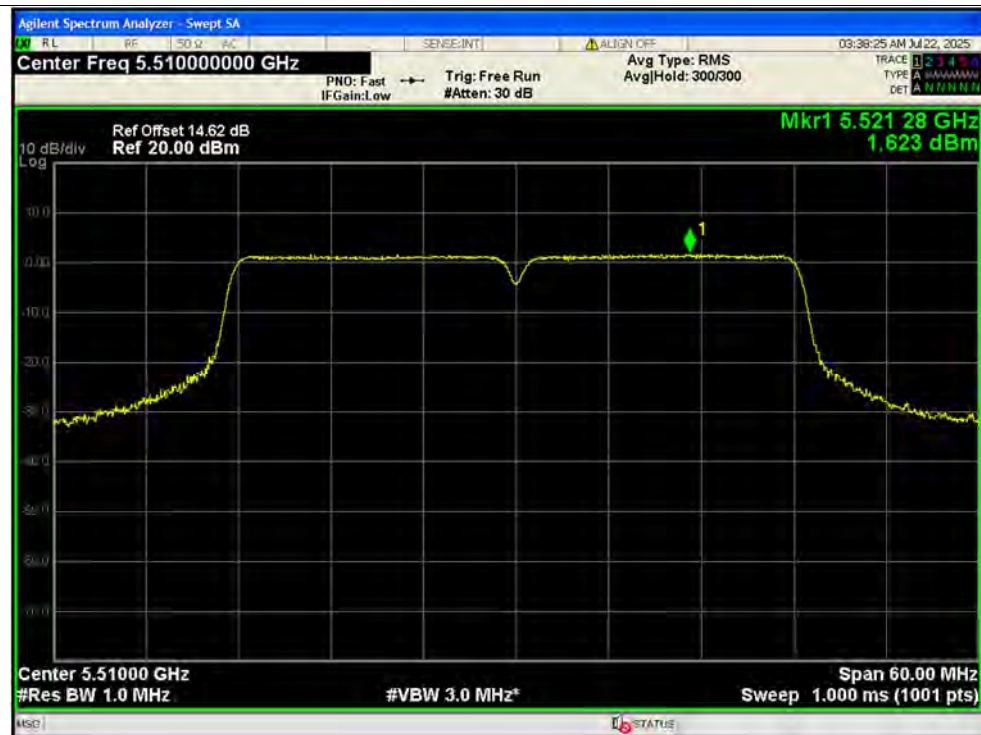
PSD NVNT ac40 5270MHz Ant1



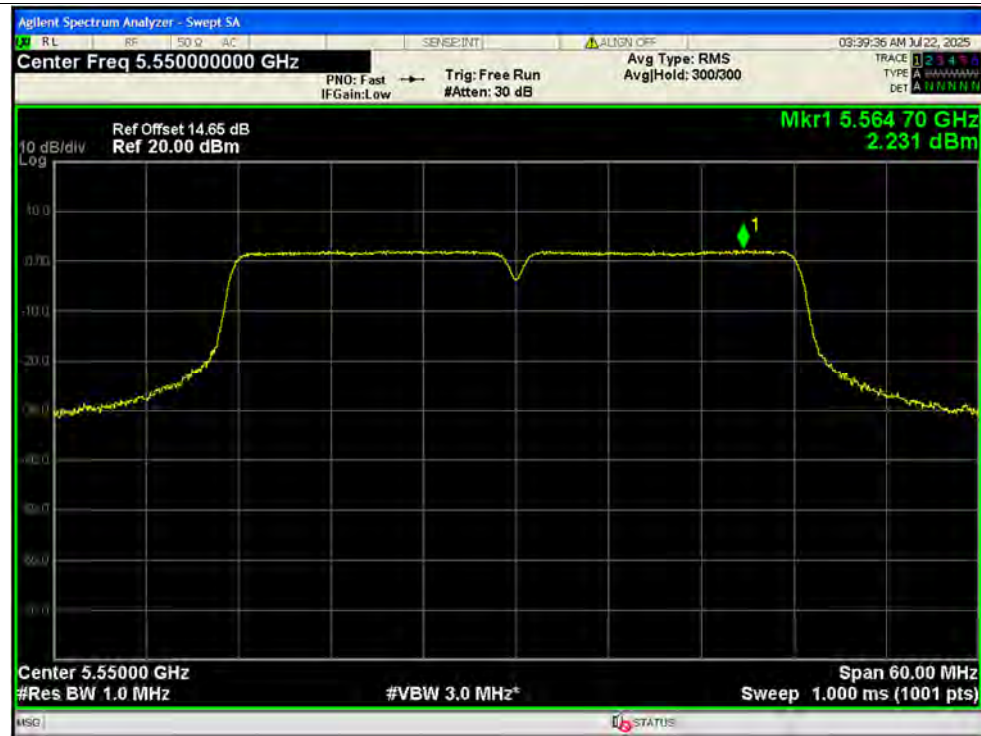
PSD NVNT ac40 5310MHz Ant1



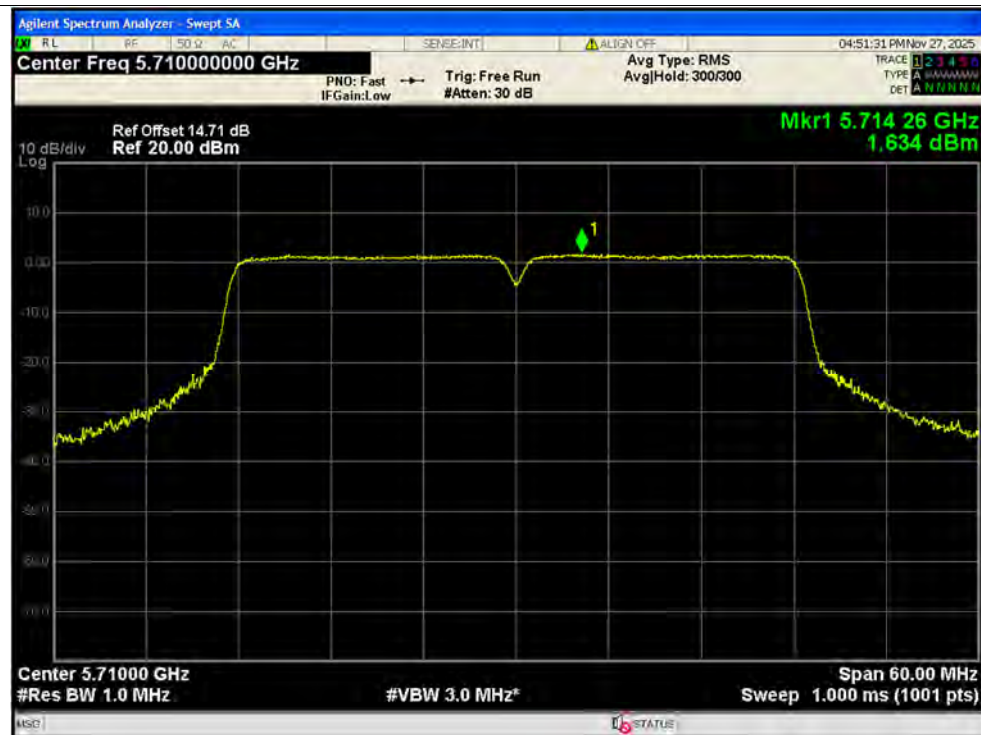
PSD NVNT ac40 5510MHz Ant1



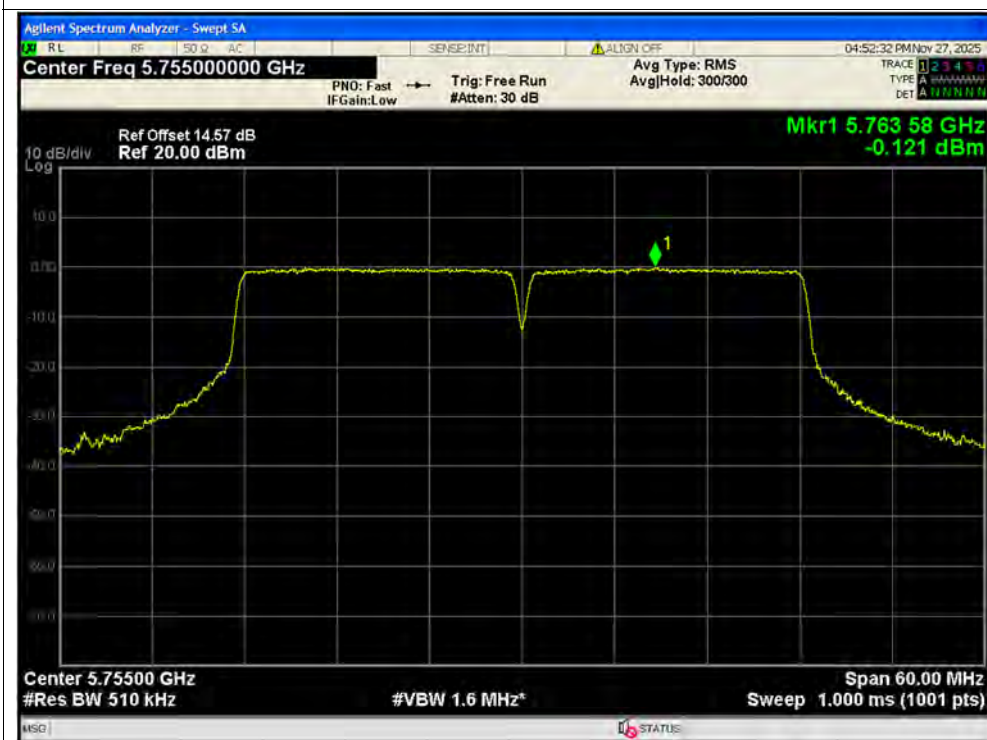
PSD NVNT ac40 5550MHz Ant1



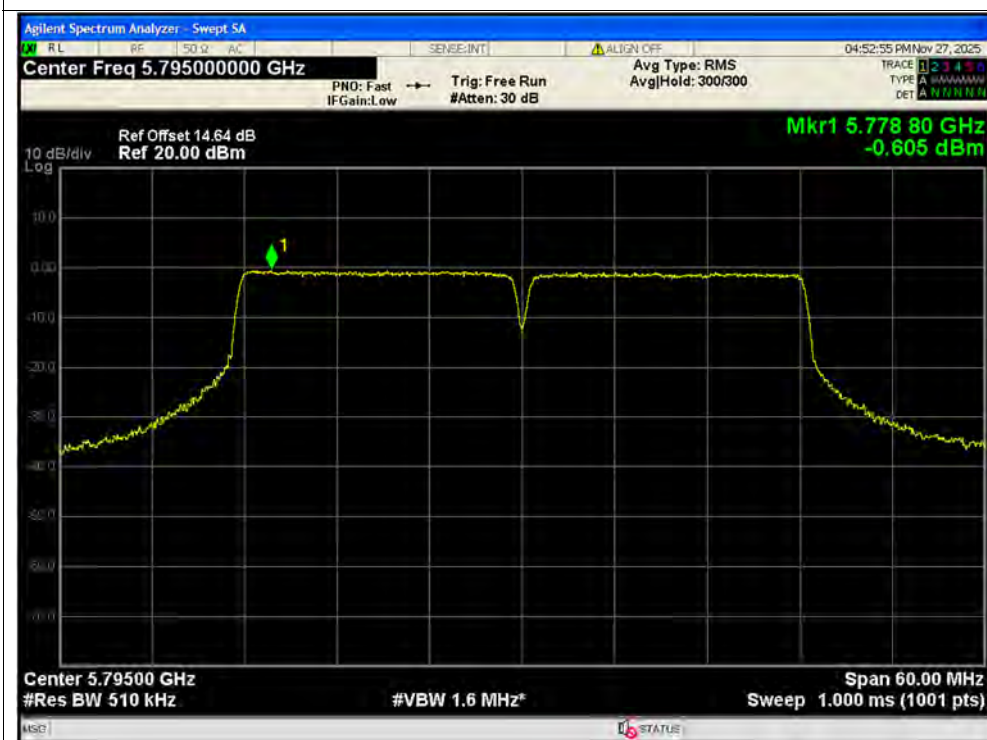
PSD NVNT ac40 5710MHz Ant1



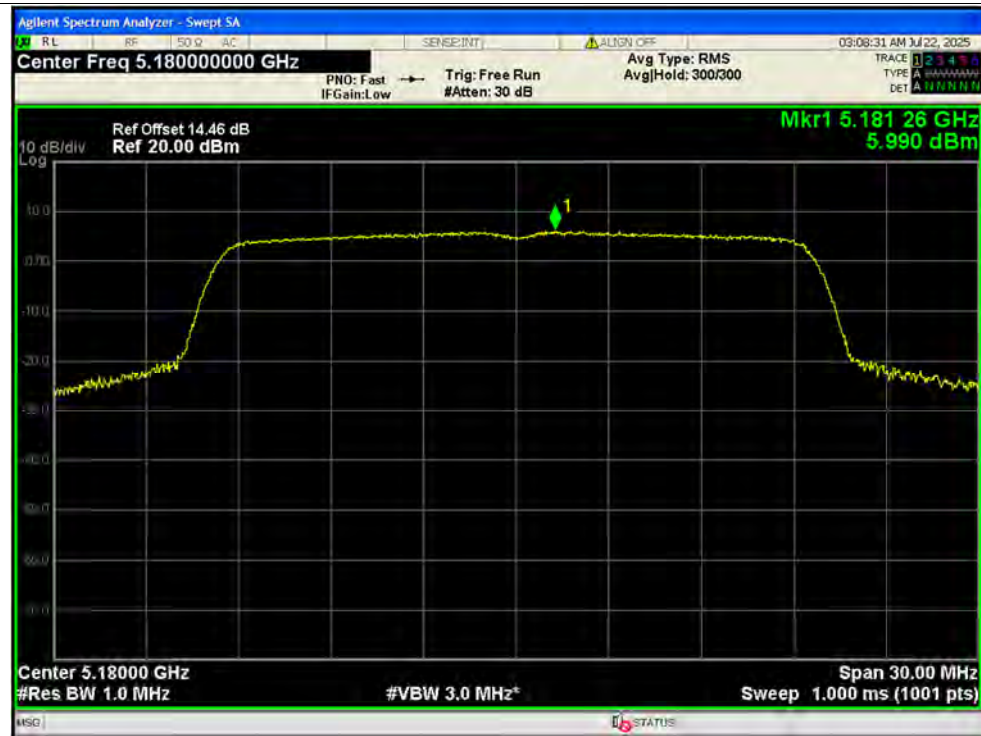
PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1



PSD NVNT ax20 5180MHz Ant1



PSD NVNT ax20 5220MHz Ant1



PSD NVNT ax20 5240MHz Ant1



PSD NVNT ax20 5260MHz Ant1



PSD NVNT ax20 5300MHz Ant1

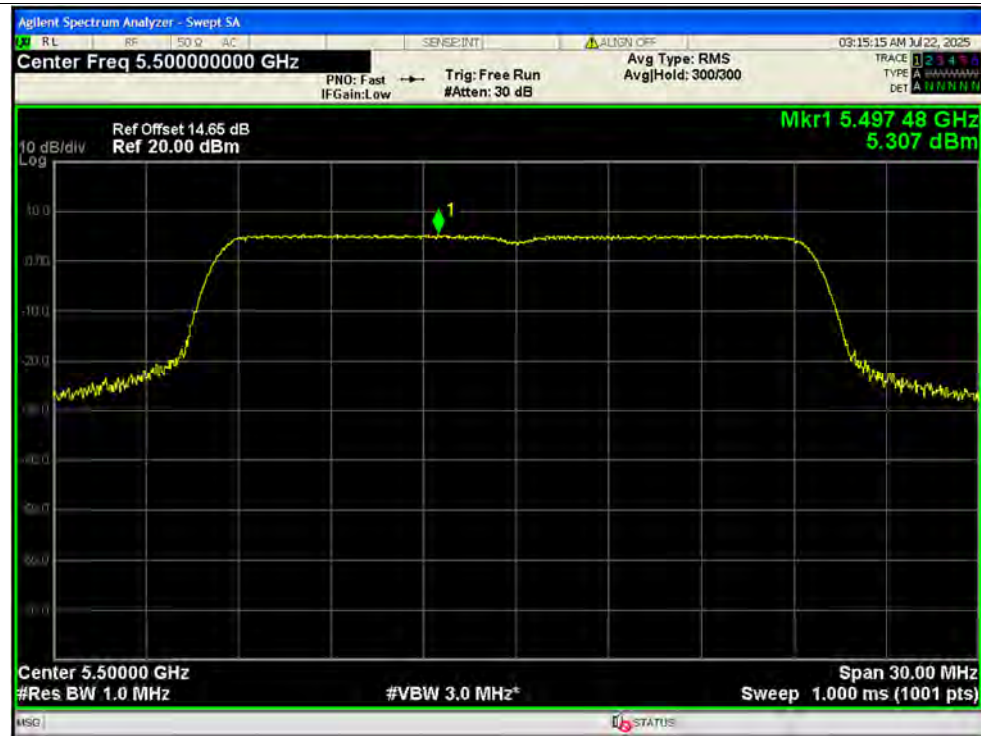


PSD NVNT ax20 5320MHz Ant1





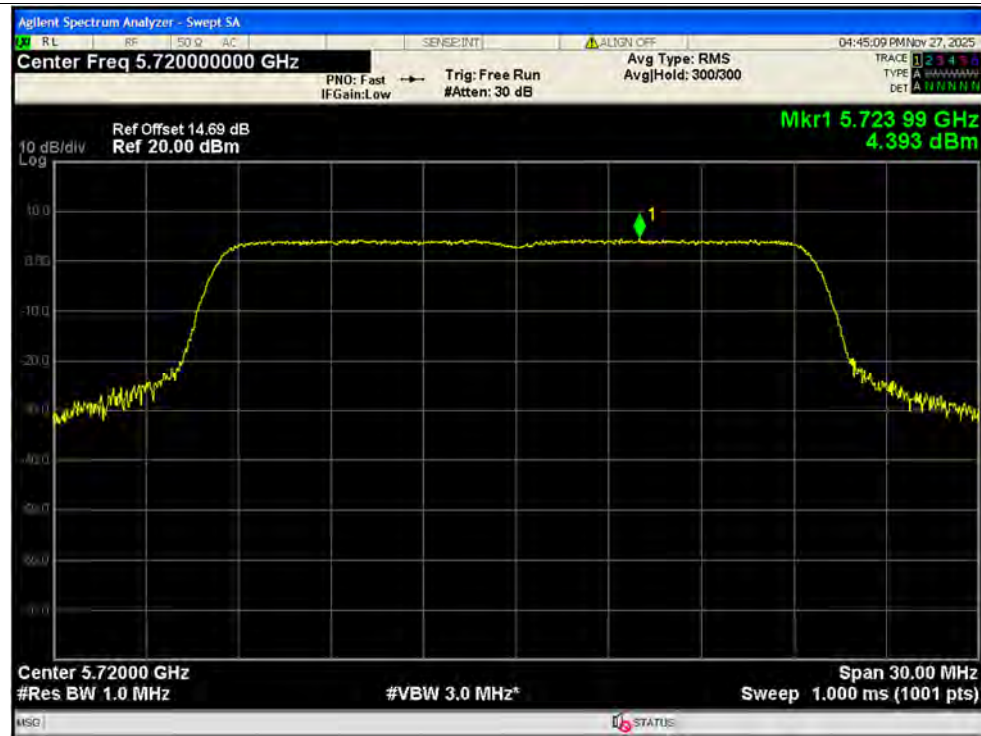
PSD NVNT ax20 5500MHz Ant1



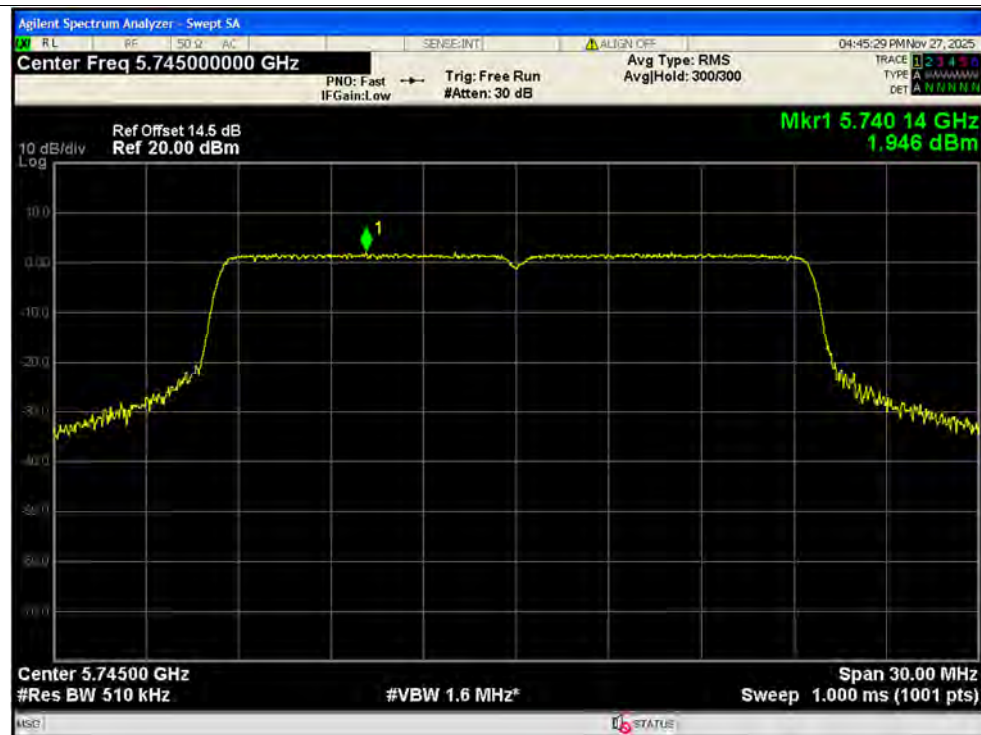
PSD NVNT ax20 5580MHz Ant1



PSD NVNT ax20 5720MHz Ant1



PSD NVNT ax20 5745MHz Ant1





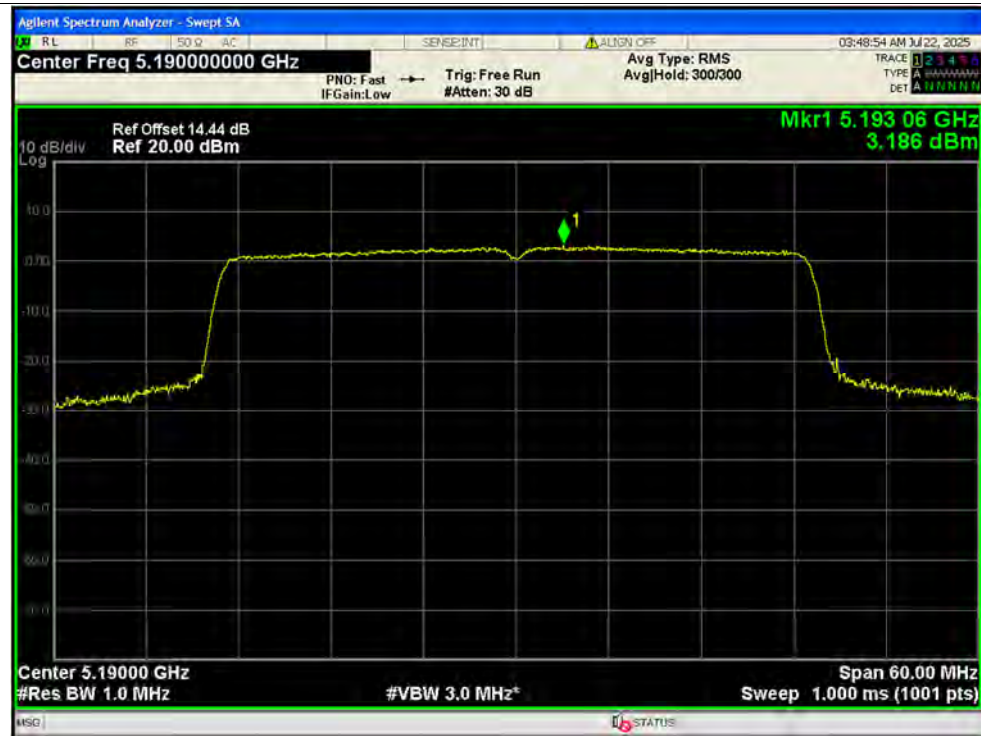
PSD NVNT ax20 5785MHz Ant1



PSD NVNT ax20 5825MHz Ant1



PSD NVNT ax40 5190MHz Ant1



PSD NVNT ax40 5230MHz Ant1



PSD NVNT ax40 5270MHz Ant1



PSD NVNT ax40 5310MHz Ant1

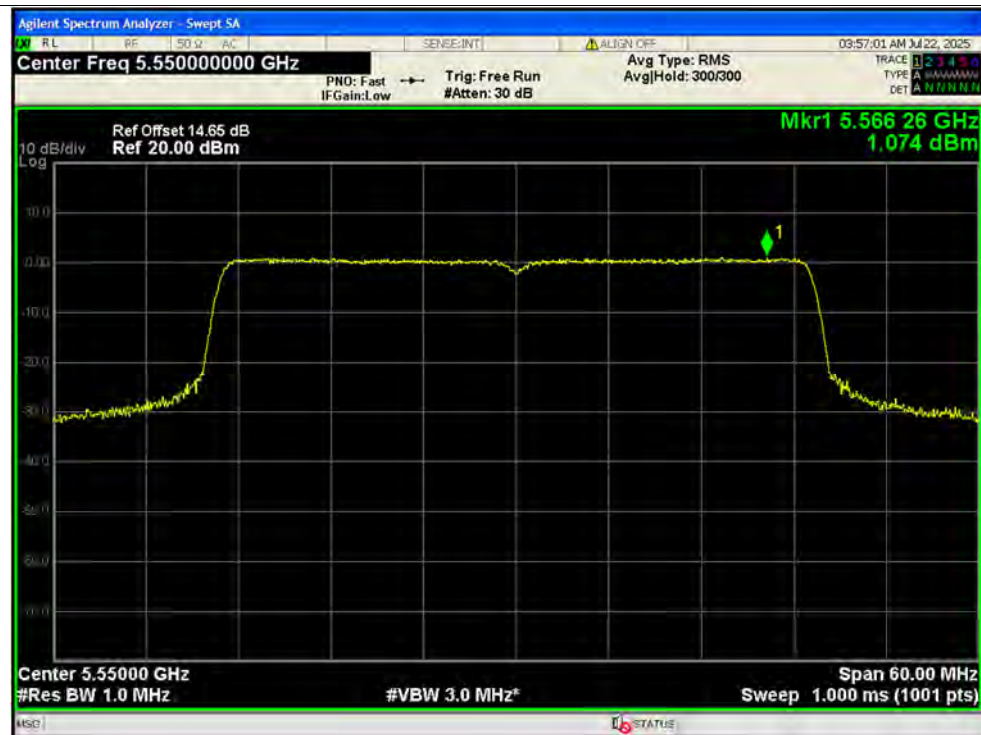




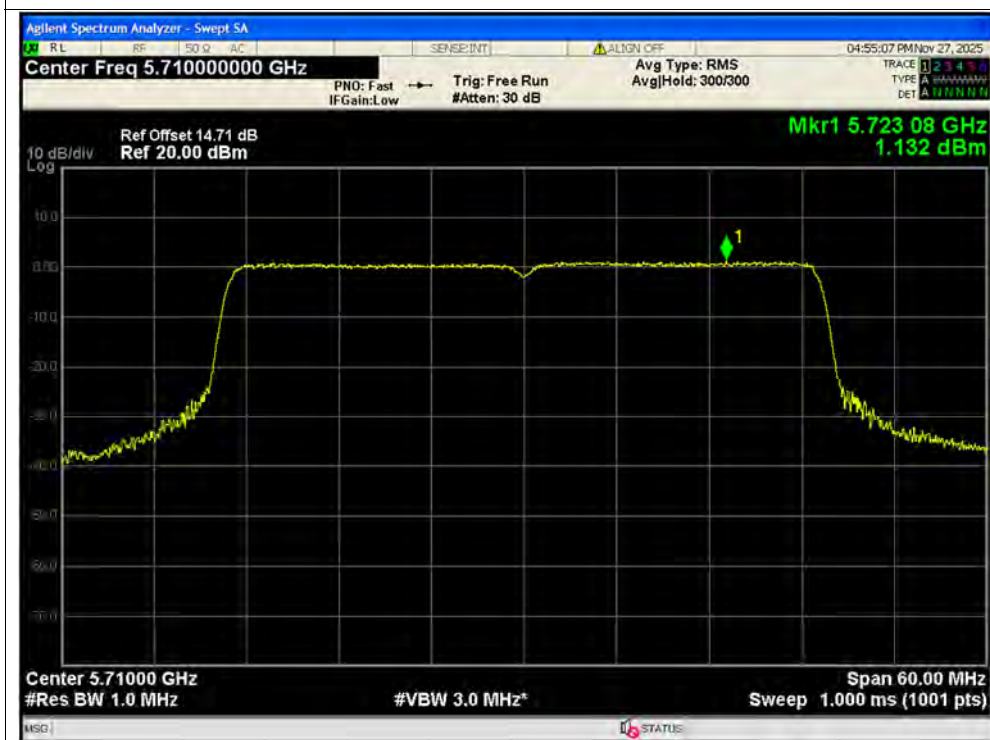
PSD NVNT ax40 5510MHz Ant1



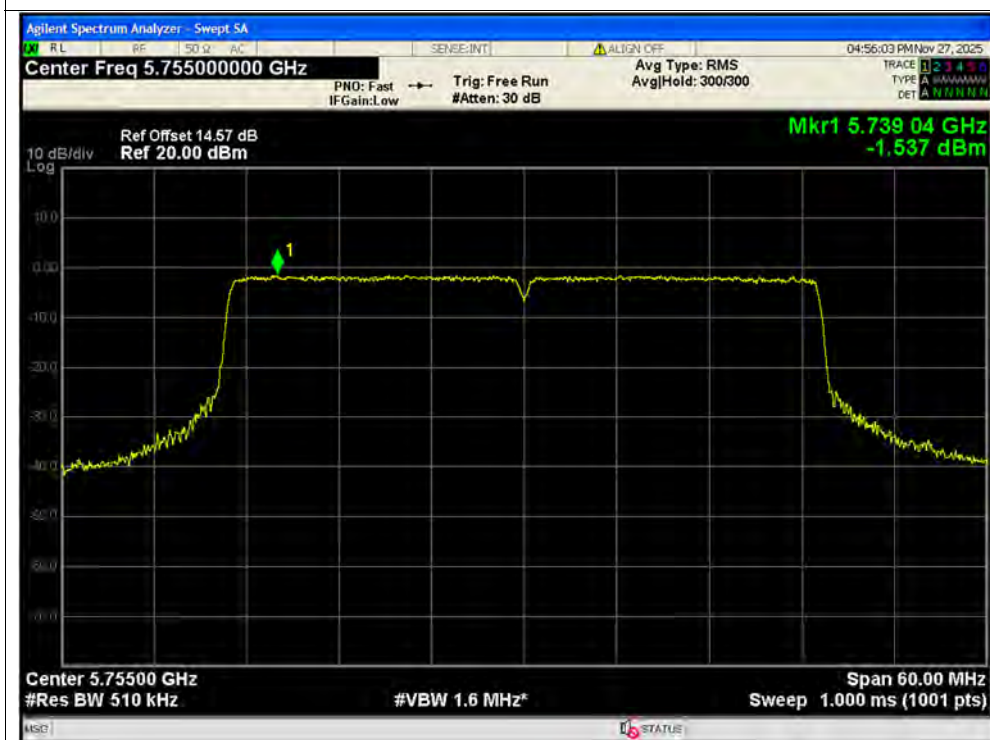
PSD NVNT ax40 5550MHz Ant1



PSD NVNT ax40 5710MHz Ant1



PSD NVNT ax40 5755MHz Ant1





PSD NVNT ax40 5795MHz Ant1



**A.5. Frequency Stability**

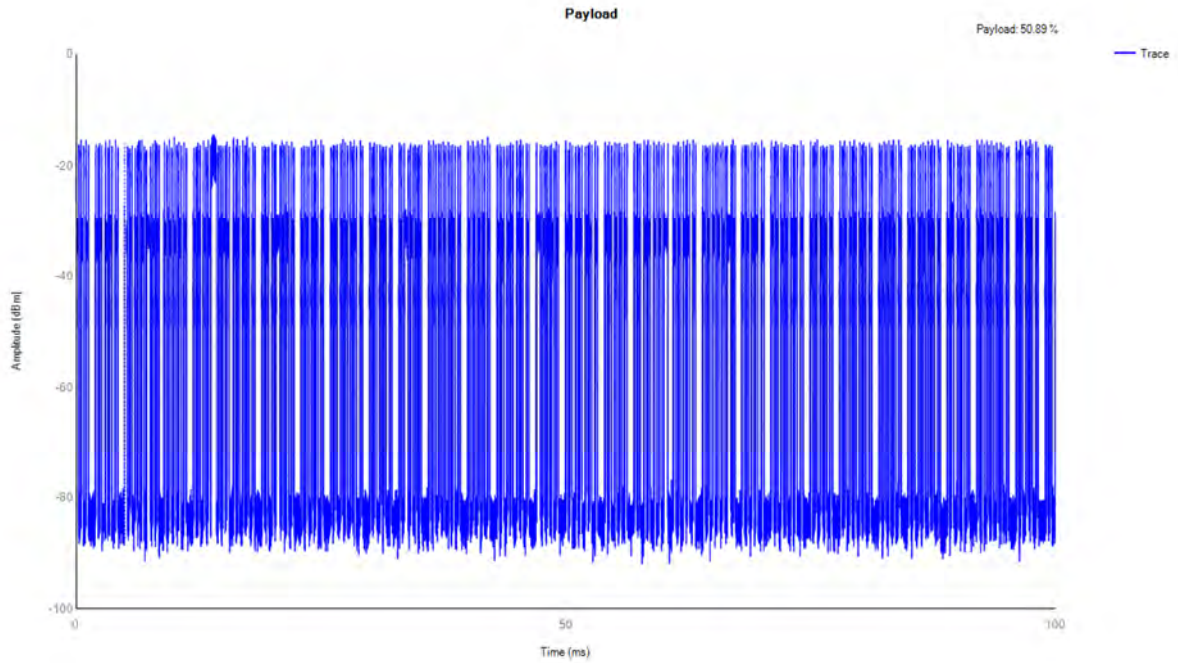
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 7V	CW	5180	Ant1	5180	0	0	25	Pass
20C 12V	CW	5180	Ant1	5180.02	20000	3.86	25	Pass
20C 36V	CW	5180	Ant1	5179.98	-20000	-3.86	25	Pass
0C 12V	CW	5180	Ant1	5180	0	0	25	Pass
10C 12V	CW	5180	Ant1	5180	0	0	25	Pass
30C 12V	CW	5180	Ant1	5180	0	0	25	Pass
40C 12V	CW	5180	Ant1	5180	0	0	25	Pass
50C 12V	CW	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 7V	CW	5260	Ant1	5260	0	0	25	Pass
20C 12V	CW	5260	Ant1	5260.02	20000	3.8	25	Pass
20C 36V	CW	5260	Ant1	5259.98	-20000	-3.8	25	Pass
0C 12V	CW	5260	Ant1	5259.98	-20000	-3.8	25	Pass
10C 12V	CW	5260	Ant1	5259.98	-20000	-3.8	25	Pass
30C 12V	CW	5260	Ant1	5259.98	-20000	-3.8	25	Pass
40C 12V	CW	5260	Ant1	5259.98	-20000	-3.8	25	Pass
50C 12V	CW	5260	Ant1	5260	0	0	25	Pass
20C 7V	CW	5500	Ant1	5500	0	0	25	Pass
20C 12V	CW	5500	Ant1	5500	0	0	25	Pass
20C 36V	CW	5500	Ant1	5499.98	-20000	-3.64	25	Pass
0C 12V	CW	5500	Ant1	5500	0	0	25	Pass
10C 12V	CW	5500	Ant1	5500	0	0	25	Pass
30C 12V	CW	5500	Ant1	5499.98	-20000	-3.64	25	Pass
40C 12V	CW	5500	Ant1	5500	0	0	25	Pass
50C 12V	CW	5500	Ant1	5499.98	-20000	-3.64	25	Pass
20C 7V	CW	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 12V	CW	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 36V	CW	5745	Ant1	5744.98	-20000	-3.48	25	Pass
0C 12V	CW	5745	Ant1	5745	0	0	25	Pass
10C 12V	CW	5745	Ant1	5745	0	0	25	Pass
30C 12V	CW	5745	Ant1	5745	0	0	25	Pass
40C 12V	CW	5745	Ant1	5745	0	0	25	Pass
50C 12V	CW	5745	Ant1	5744.98	-20000	-3.48	25	Pass

**A.6. Dynamic Frequency Selection****Payload**

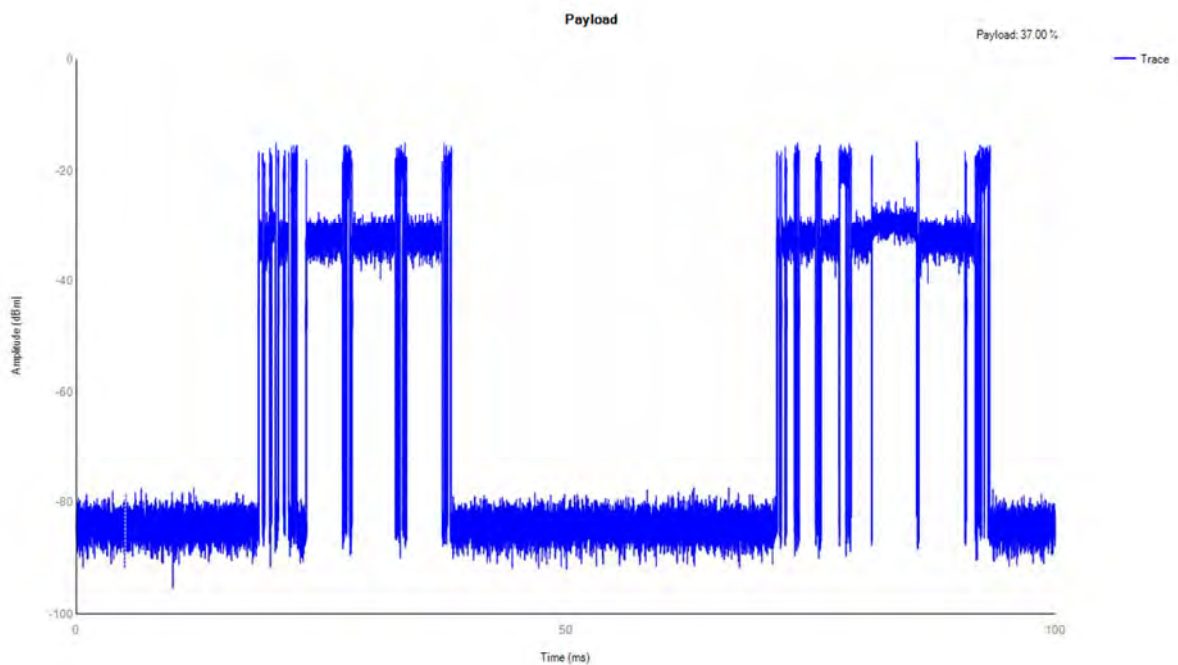
Mode	Frequency (MHz)	Result	Verdict	SISO
ax20	5320	50.89	Pass	SISO
ax20	5500	37	Pass	SISO
ax40	5310	34.18	Pass	SISO
ax40	5510	34.31	Pass	SISO

Test Graphs

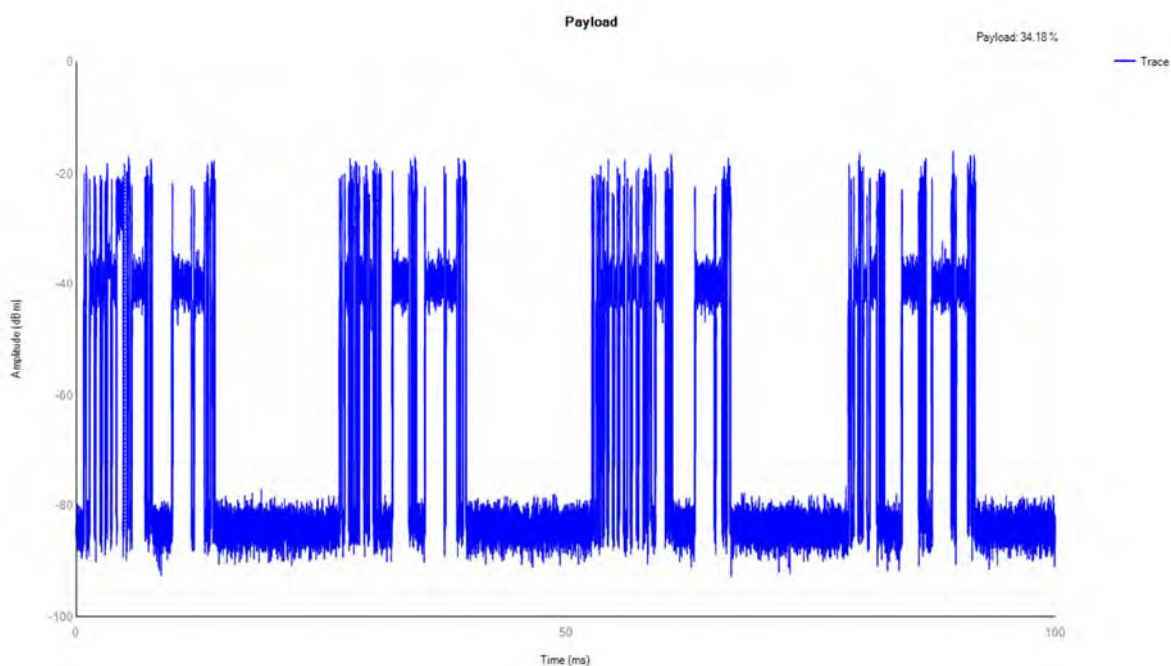
ax20 5320MHz Payload



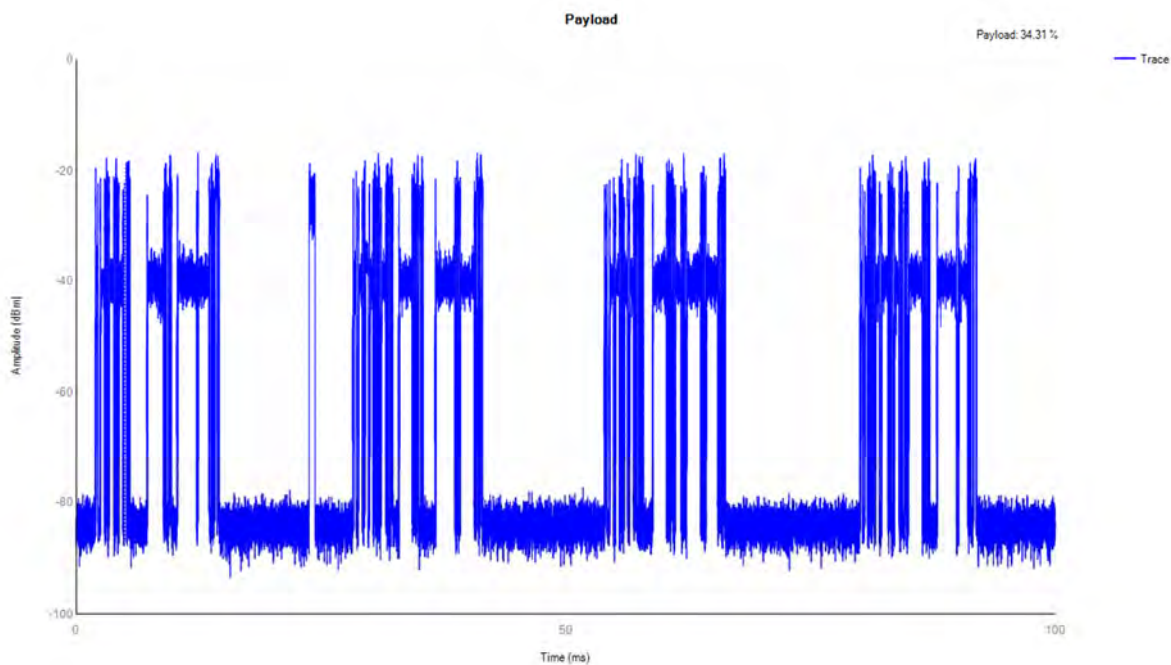
ax20 5500MHz Payload



ax40 5310MHz Payload



ax40 5510MHz Payload



**Detection Thresholds**

Mode	Frequency (MHz)	Type	Result	Verdict	SISO
ax20	5320	DFS_FCC_T0	See test Graph	Pass	SISO
ax20	5500	DFS_FCC_T0	See test Graph	Pass	SISO
ax40	5310	DFS_FCC_T0	See test Graph	Pass	SISO
ax40	5510	DFS_FCC_T0	See test Graph	Pass	SISO

Spectrum analyzer settings:

Span: Zero

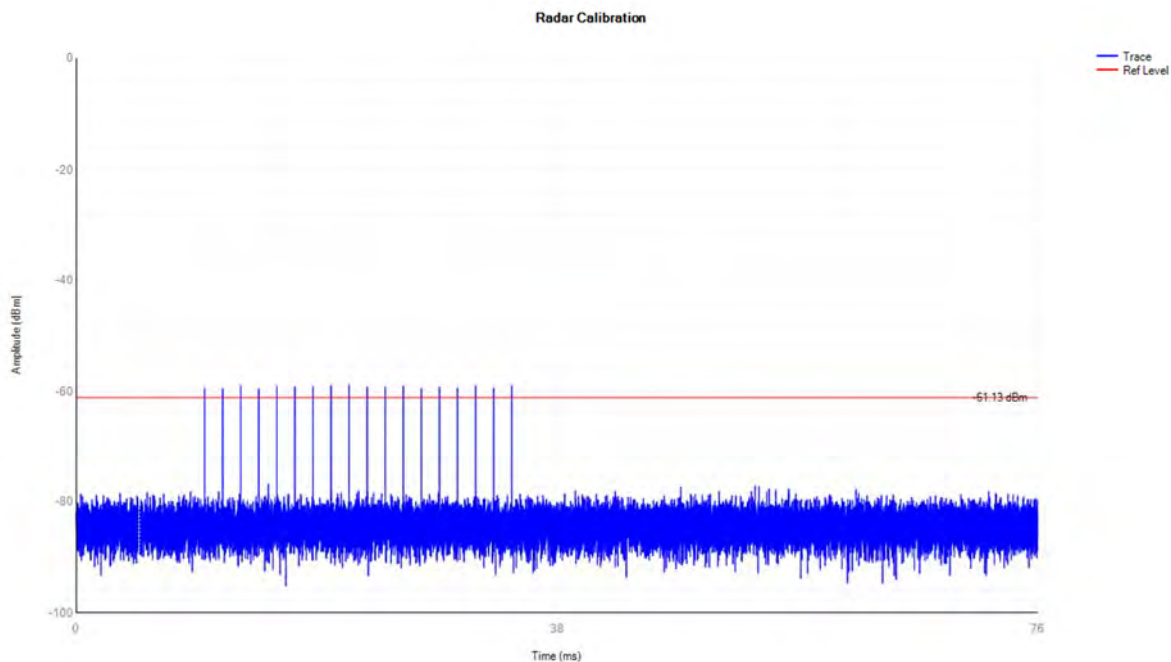
Detector Type: Peak

RBW: 3MHz

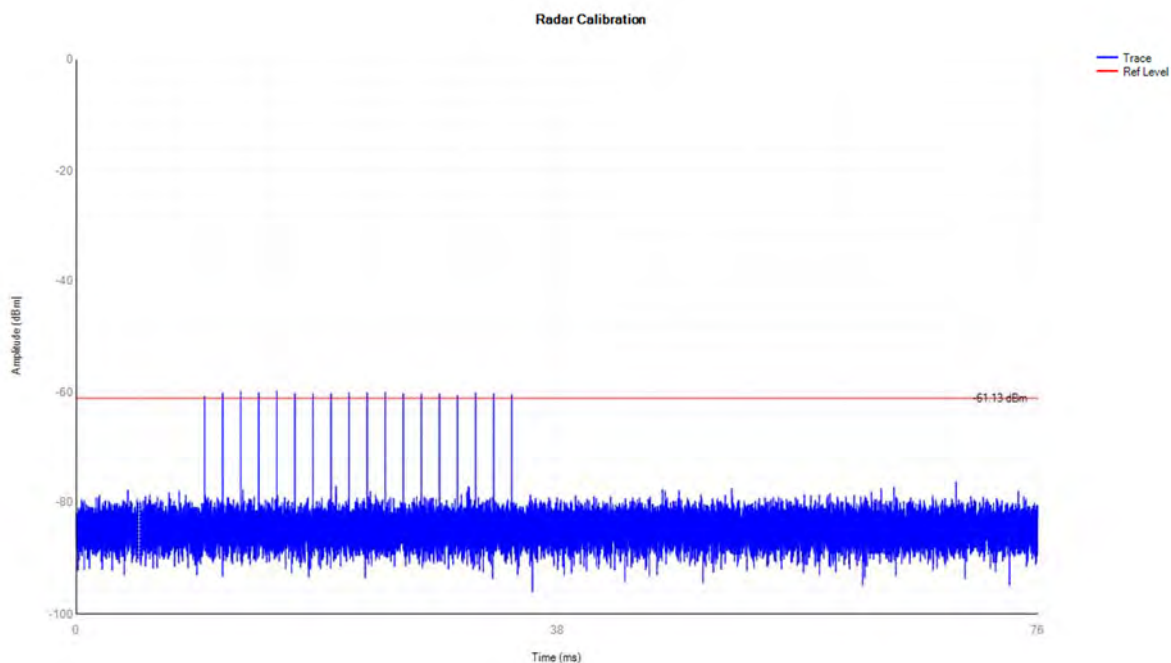
VBW: 3MHz

Test Graphs

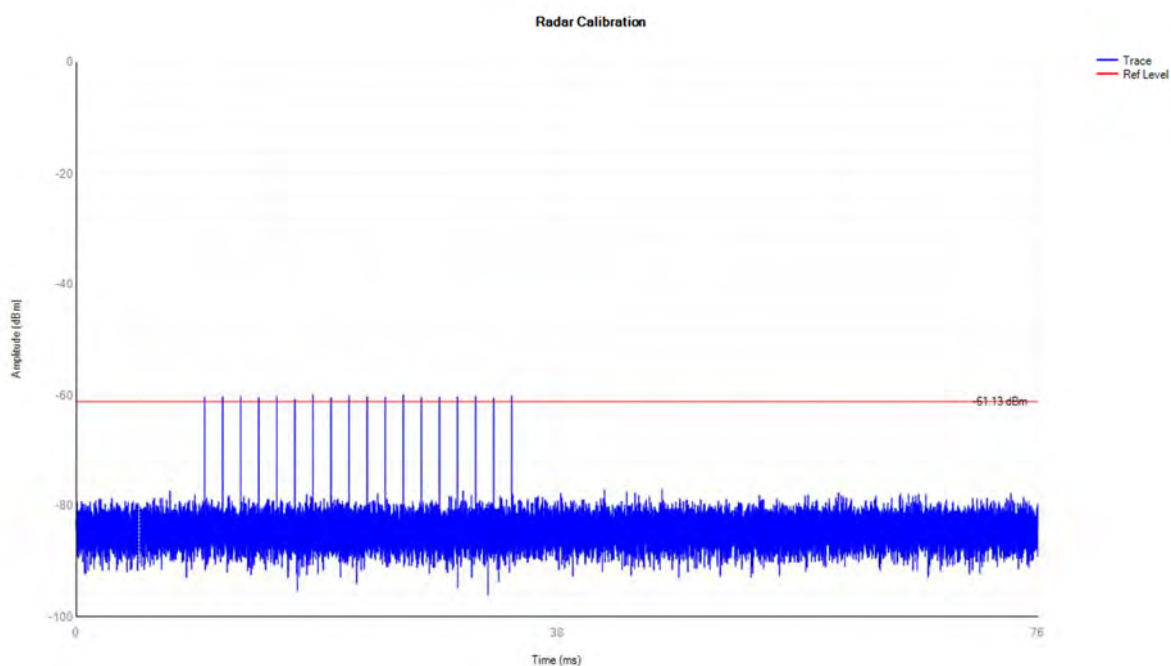
5320MHz DFS_FCC_T0



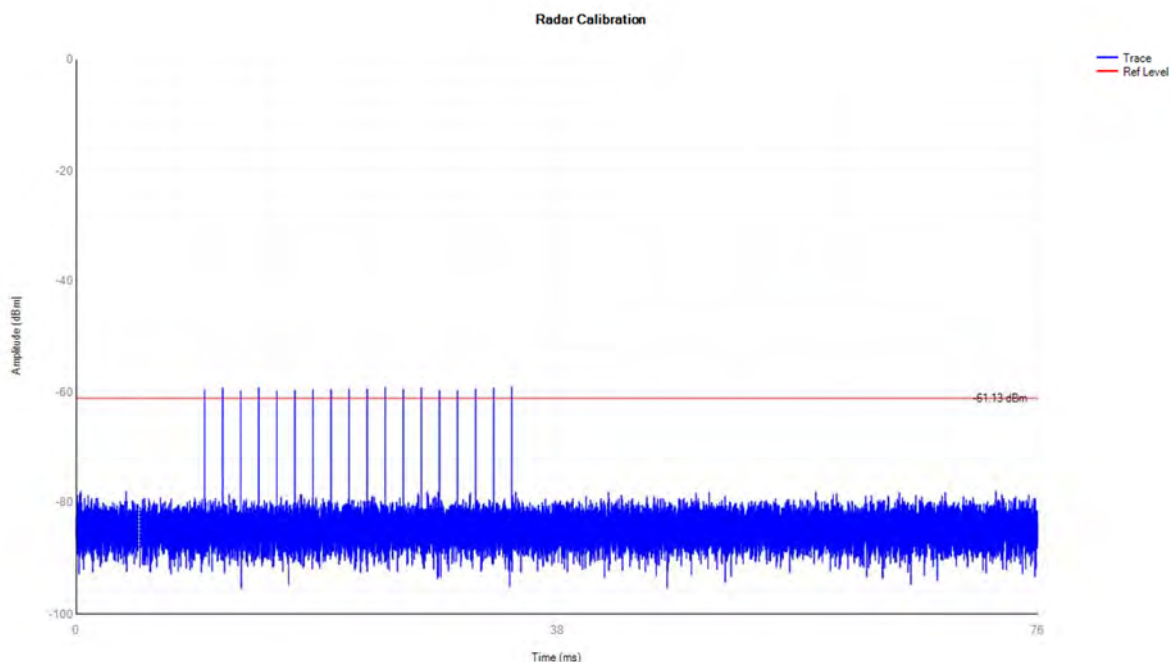
5500MHz DFS_FCC_T0



5310MHz DFS_FCC_T0



5510MHz DFS_FCC_T0



**Channel Move Time and Channel Closing Transmission Time:**

Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Verdict
ax20	5320	0.764	10	0.029	0.26	Pass
ax20	5500	0.726	10	0.029	0.26	Pass
ax40	5310	0.862	10	0.035	0.26	Pass
ax40	5510	0.856	10	0.057	0.26	Pass

Spectrum analyzer settings:

Span: Zero

Detector type: Peak

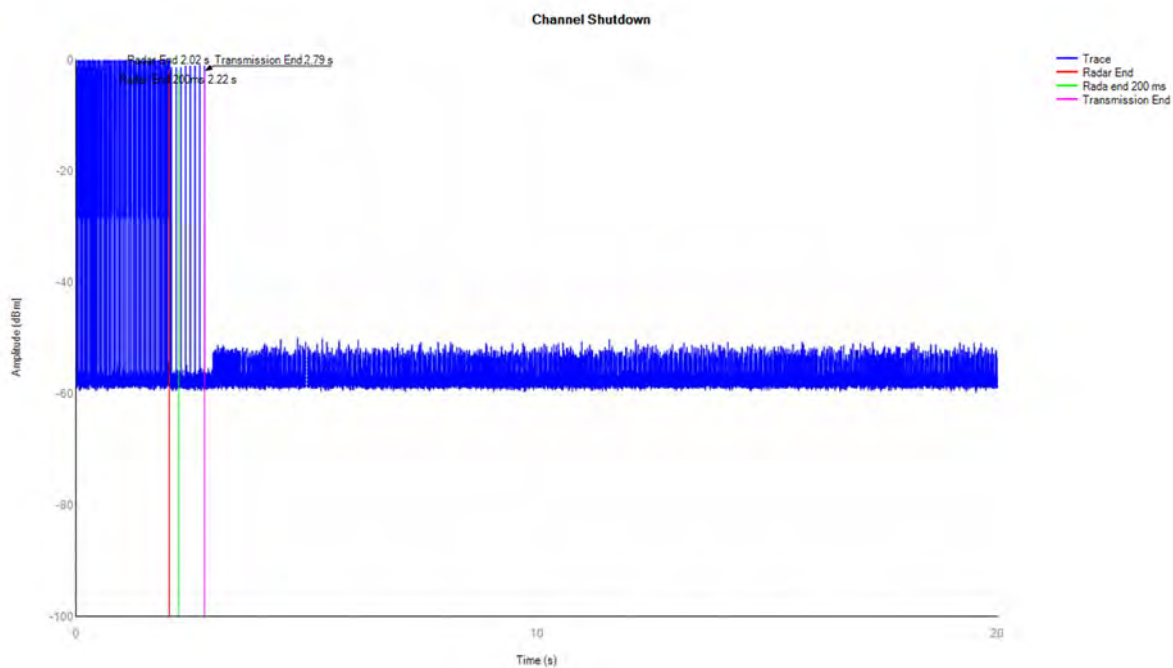
RBW: 3MHz

VBW: 3MHz

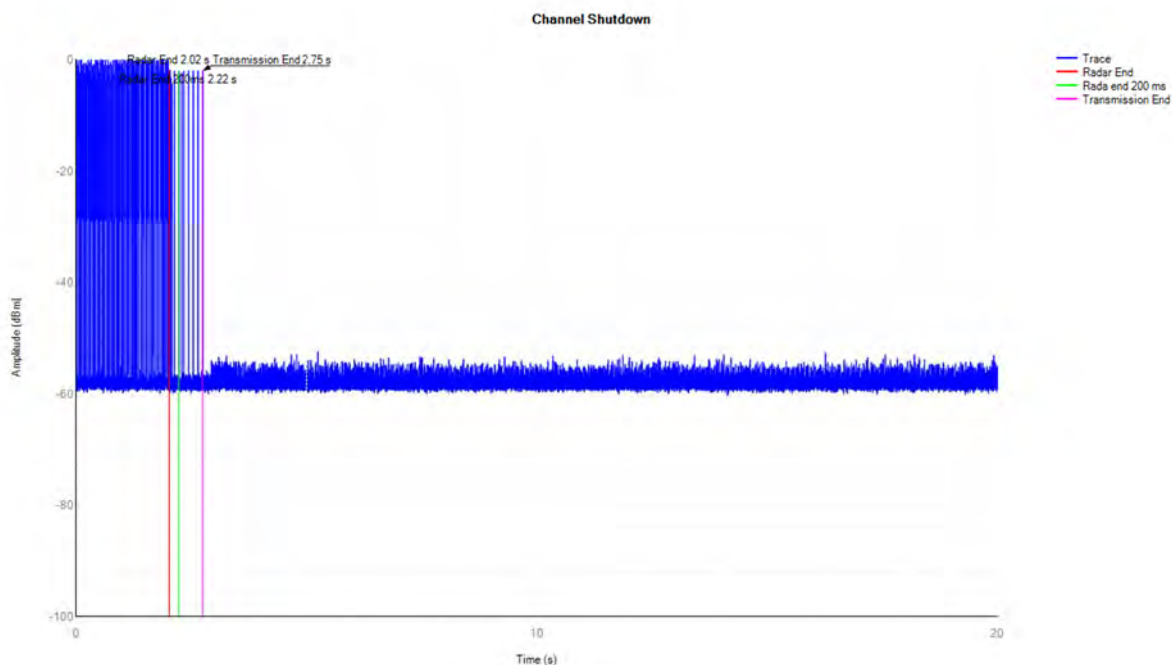
Sweep time: 20s

Test Graphs

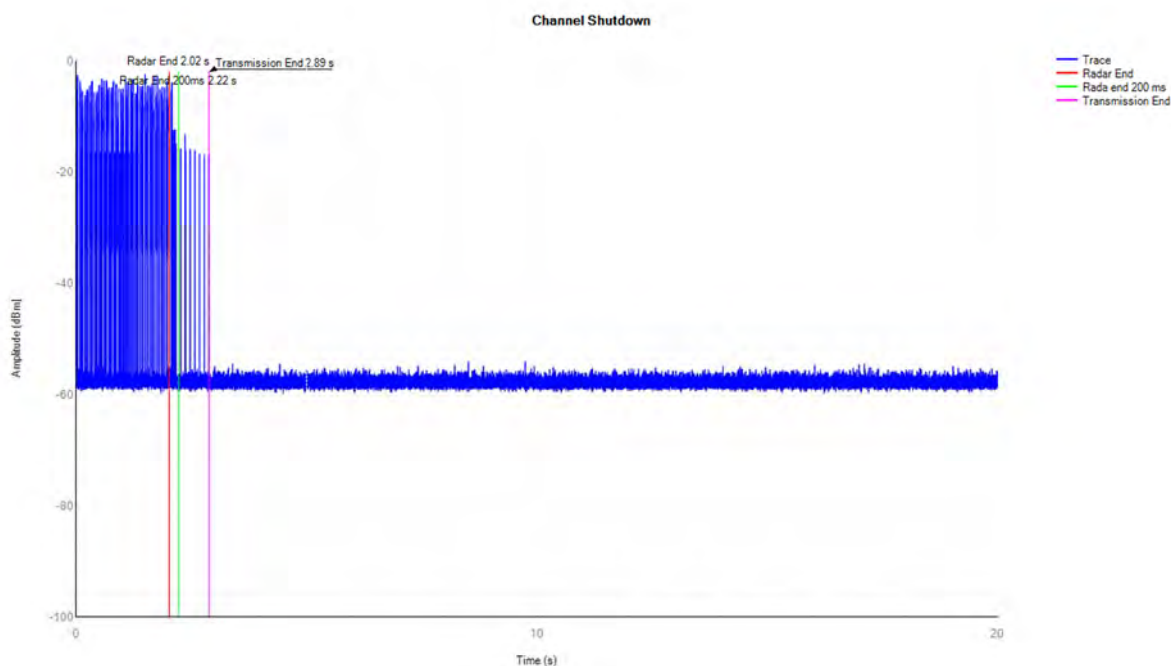
ax20 5320MHz Shutdown



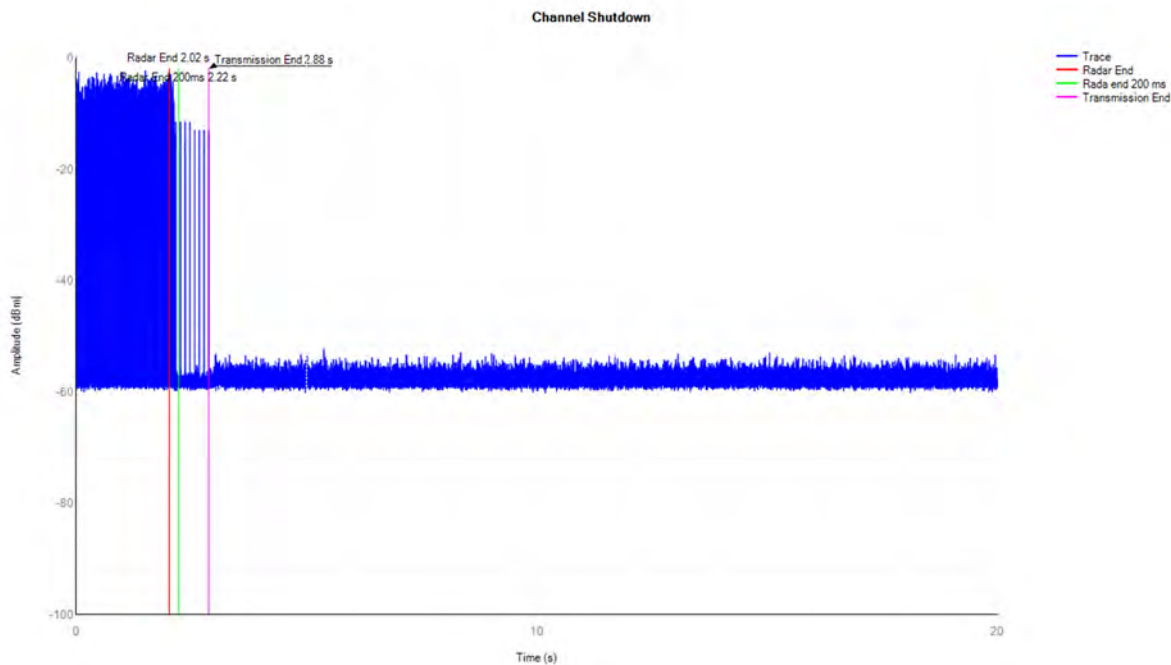
ax20 5500MHz Shutdown



ax40 5310MHz Shutdown



ax40 5510MHz Shutdown



Note: The signal above the noise floor after the radar signal ends is the signal which leaked from other channels that have been moved following the Master device.



REPORT No.: SZ25070182W03

Non-Occupancy Period

Mode	Frequency (MHz)	Result	Verdict	SISO
ax20	5320	See test Graph	Pass	SISO
ax20	5500	See test Graph	Pass	SISO

Spectrum analyzer settings:

Span: Zero

Detector type: Peak

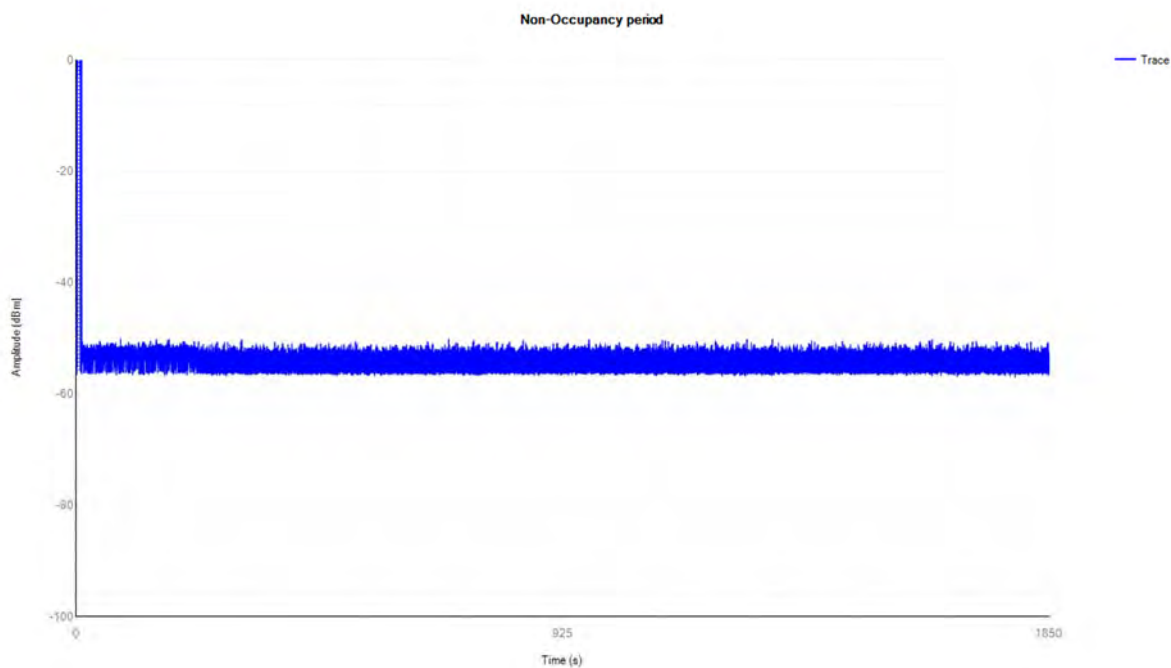
RBW: 3MHz

VBW: 3MHz

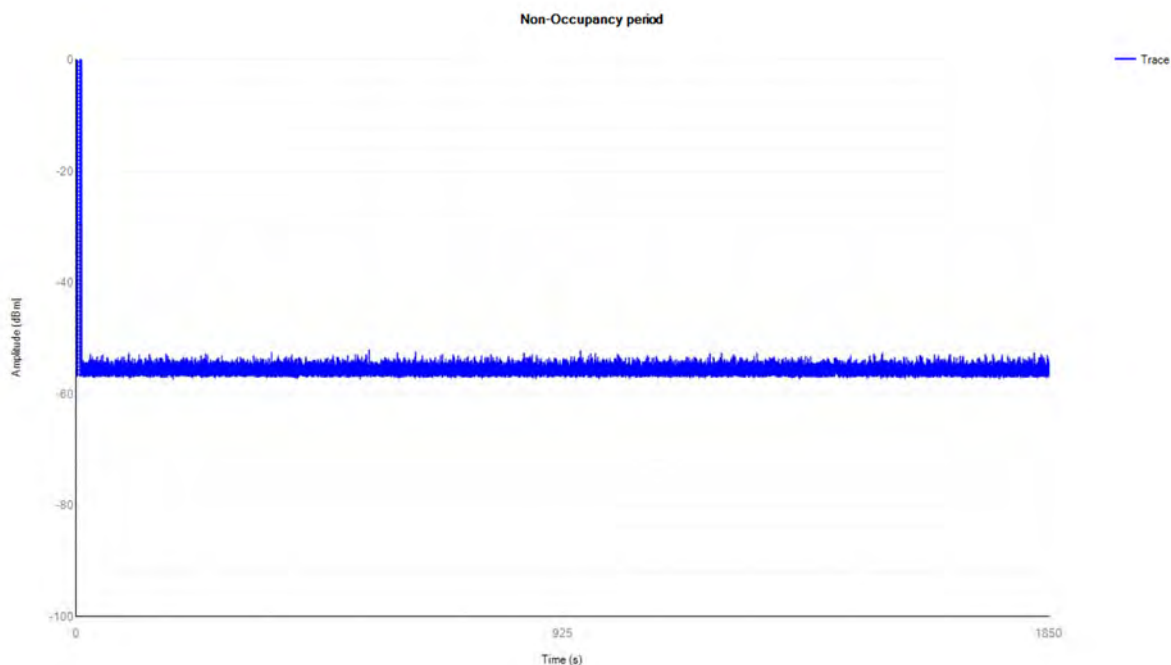
Sweep time: 1850s

Test Graphs

ax20 5320MHz Non-Occupancy



ax20 5500MHz Non-Occupancy





A.7. Conducted Emission

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Set RBW=9kHz, VBW=30kHz. Refer to recorded points and plots below.

Note: Both of the test voltage AC 120V/60Hz and AC 230V/50Hz were considered and tested respectively, only the results of the worst case AC 120V/60Hz were recorded in this report.

A. Test Setup:

Test Mode: EUT+PC+PC adapter+DC source+Antenna +WIFI TX

Test voltage: AC 120V/60Hz

The measurement results are obtained as below:

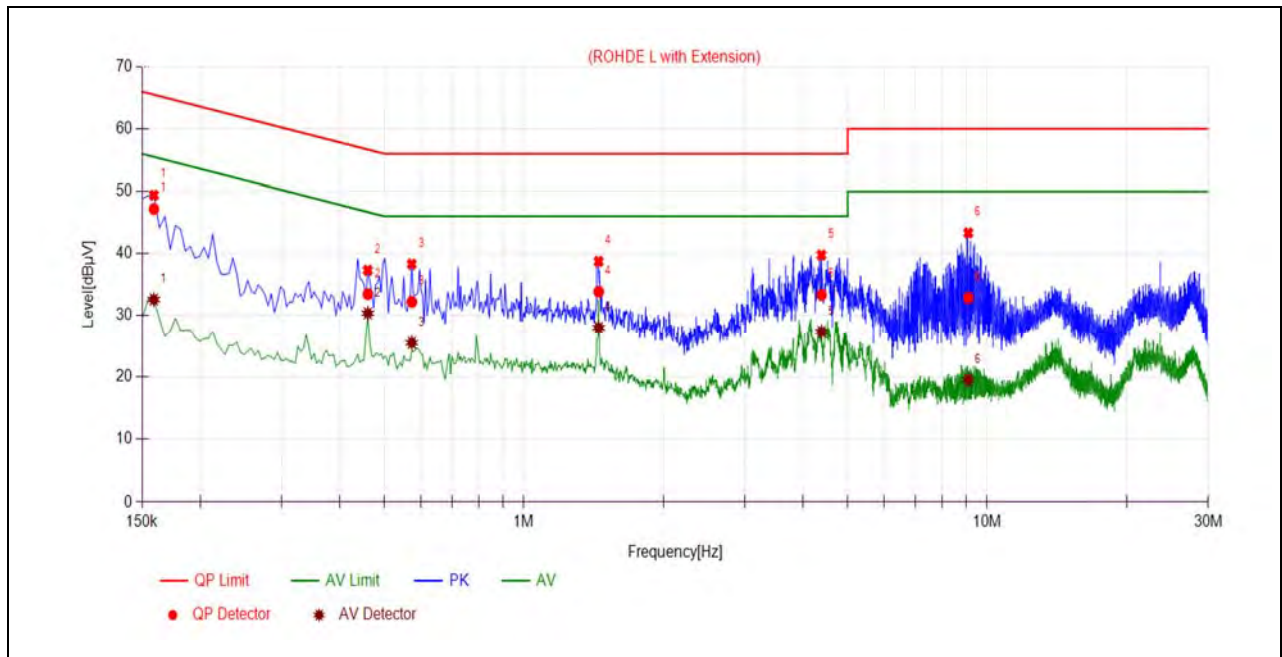
$$E \text{ [dB}\mu\text{V]} = U_R + L_{\text{Cable loss}} \text{ [dB]} + A_{\text{Factor}}$$

U_R : Receiver Reading

A_{Factor} : Voltage division factor of LISN

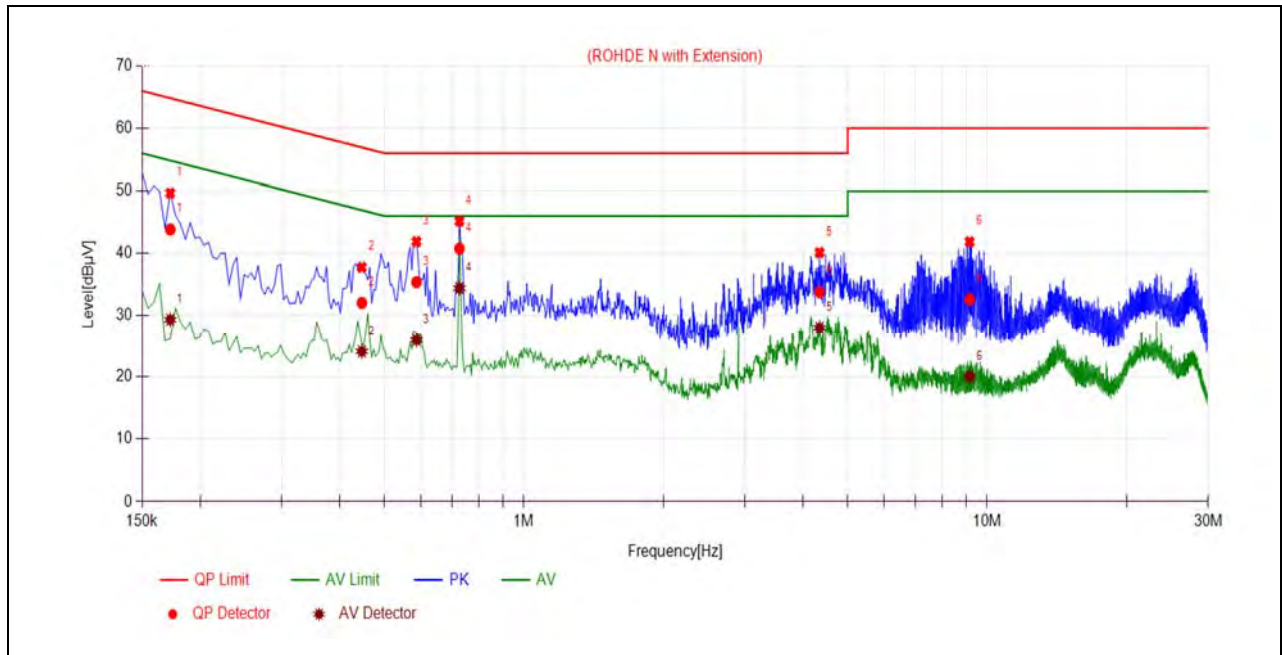


B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1590	47.20	32.61	65.52	55.52	Line	PASS
2	0.4605	33.50	30.39	56.68	46.68		PASS
3	0.5730	32.25	25.52	56.00	46.00		PASS
4	1.4504	33.87	28.04	56.00	46.00		PASS
5	4.3891	33.37	27.37	56.00	46.00		PASS
6	9.1043	32.87	19.55	60.00	50.00		PASS



No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1725	43.85	29.35	64.84	54.84	Neutral	PASS
2	0.4470	32.06	24.13	56.93	46.93		PASS
3	0.5865	35.41	25.98	56.00	46.00		PASS
4	0.7260	40.78	34.43	56.00	46.00		PASS
5	4.3482	33.81	28.05	56.00	46.00		PASS
6	9.1672	32.63	20.05	60.00	50.00		PASS

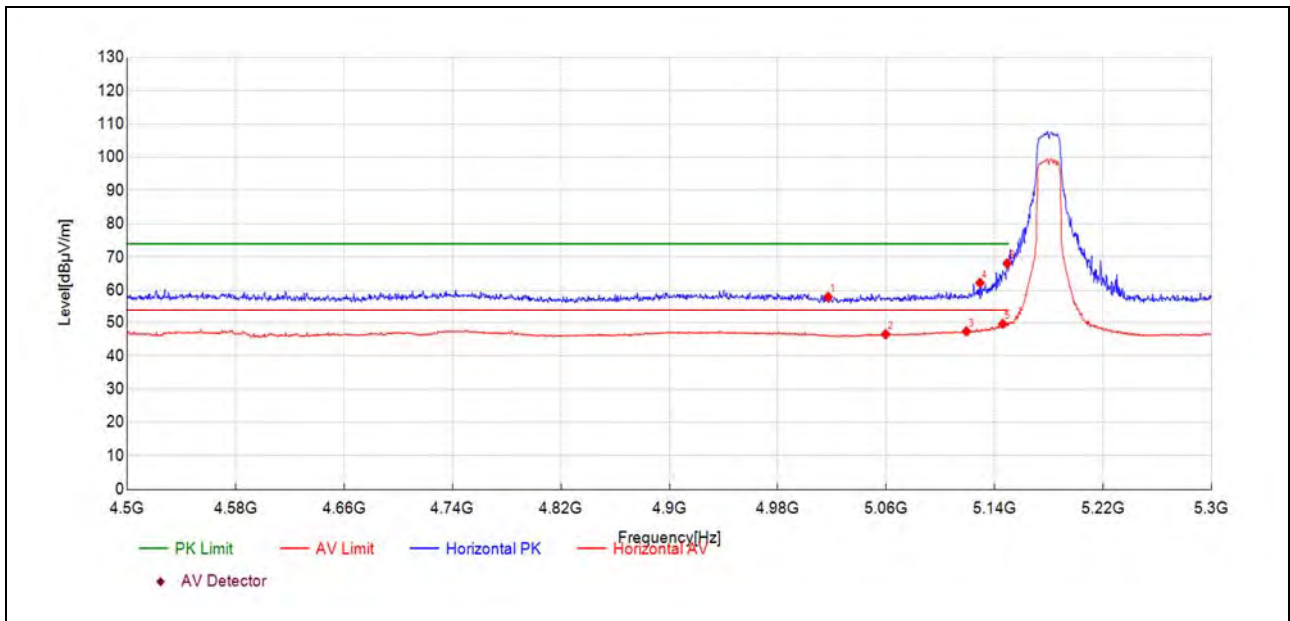
A.8. Restricted Frequency Bands

Note 1: Restricted Frequency Bands were performed when antenna was at vertical and horizontal polarity, and only the worse test condition (Horizontal) was recorded in this test report.

Note 2 All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

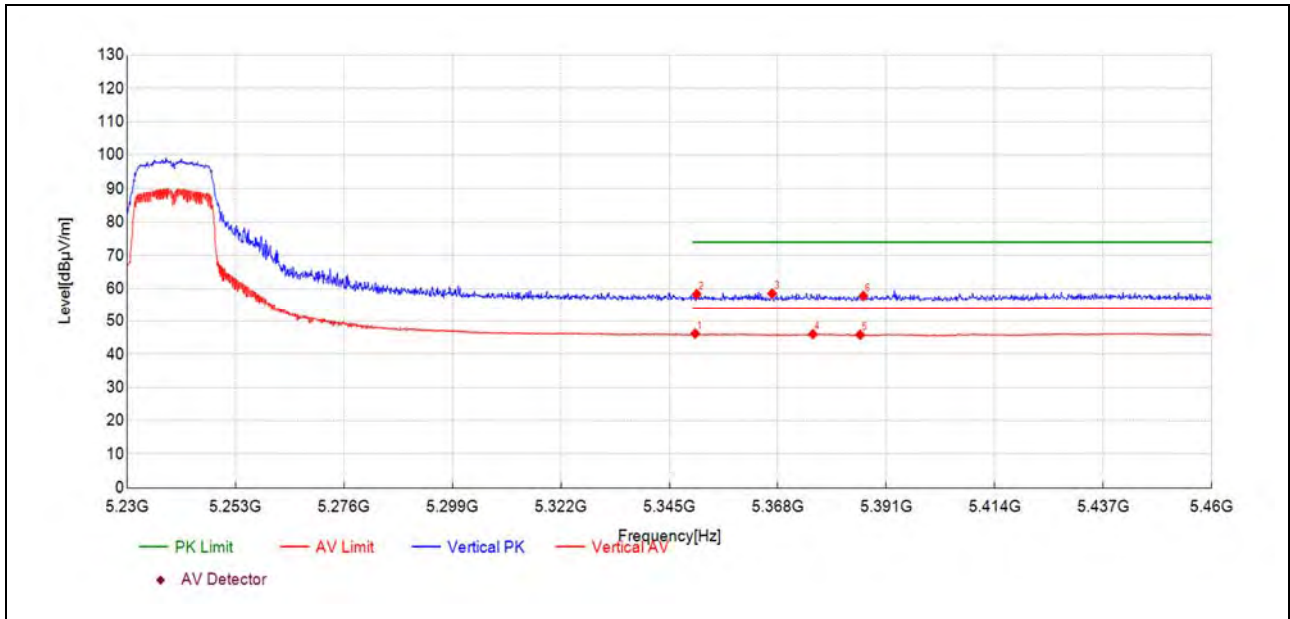
802.11a Mode

Plot for Channel 36



Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5017.06	38.0	58.01	19.990	74.00	15.99	150	139	PK	PASS
5059.48	26.2	46.47	20.260	54.00	7.53	150	40	AV	PASS
5119.11	26.9	47.34	20.440	54.00	6.66	150	359	AV	PASS
5129.11	41.8	62.24	20.400	74.00	11.76	150	100	PK	PASS
5145.92	29.3	49.62	20.340	54.00	4.38	150	100	AV	PASS
5149.12	47.8	68.11	20.320	74.00	5.89	150	78	PK	PASS

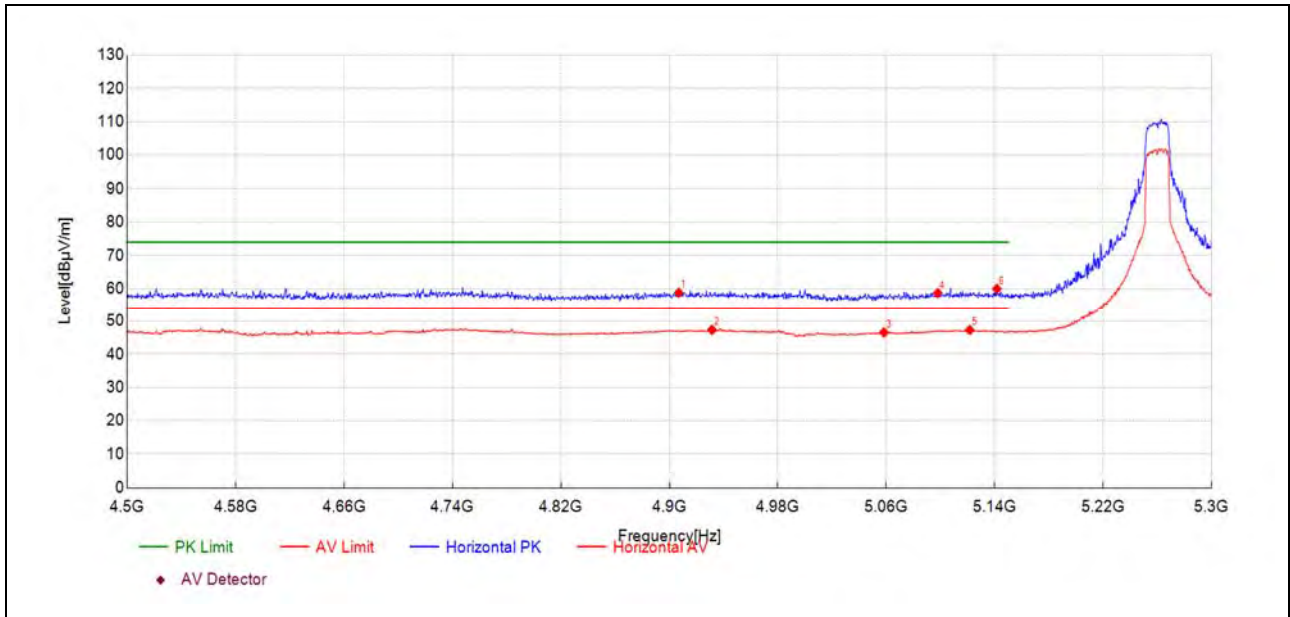
Plot for Channel 48



Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5350.47	26.3	46.20	19.940	54.00	7.80	150	348	AV	PASS
5350.81	38.4	58.37	19.940	74.00	15.63	150	261	PK	PASS
5366.80	38.6	58.53	19.910	74.00	15.47	150	199	PK	PASS
5375.43	26.2	46.03	19.880	54.00	7.97	150	268	AV	PASS
5385.44	26.0	45.85	19.860	54.00	8.15	150	299	AV	PASS
5386.13	38.0	57.82	19.860	74.00	16.18	150	230	PK	PASS

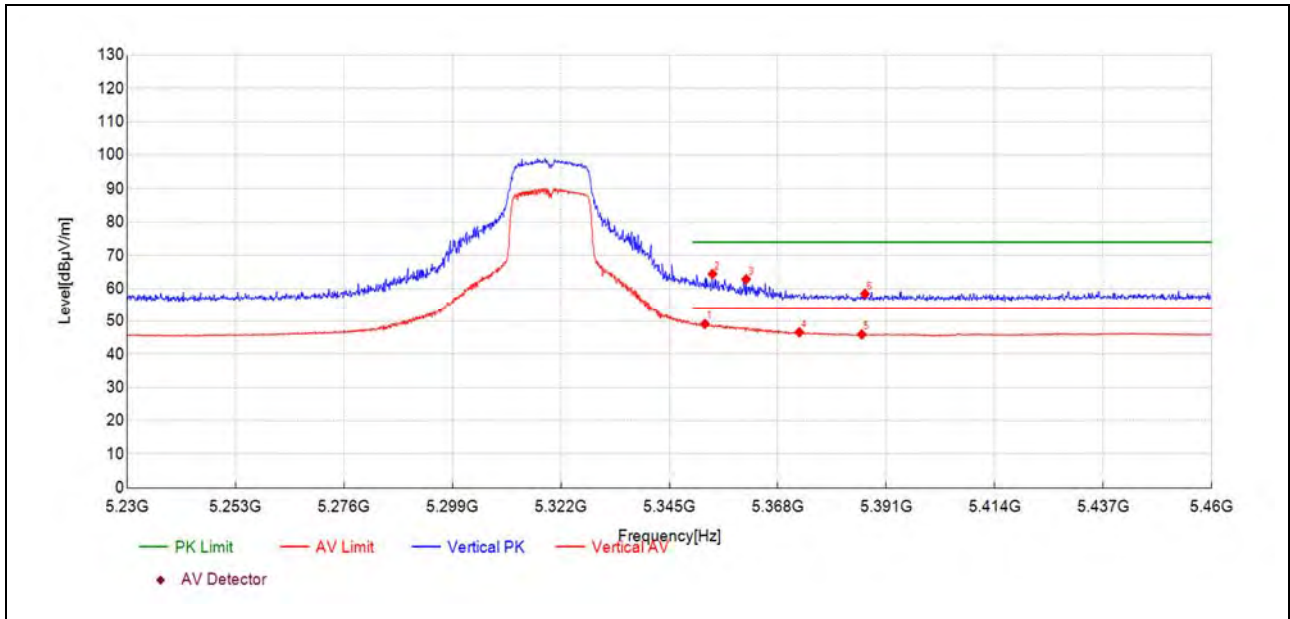


Plot for Channel 52



Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
4907.00	38.6	58.77	20.200	74.00	15.23	150	221	PK	PASS
4931.42	27.4	47.34	19.990	54.00	6.66	150	16	AV	PASS
5058.28	26.3	46.57	20.250	54.00	7.43	150	0	AV	PASS
5097.90	38.2	58.67	20.500	74.00	15.33	150	342	PK	PASS
5121.51	26.8	47.28	20.440	54.00	6.72	150	68	AV	PASS
5141.52	39.6	59.96	20.360	74.00	14.04	150	198	PK	PASS

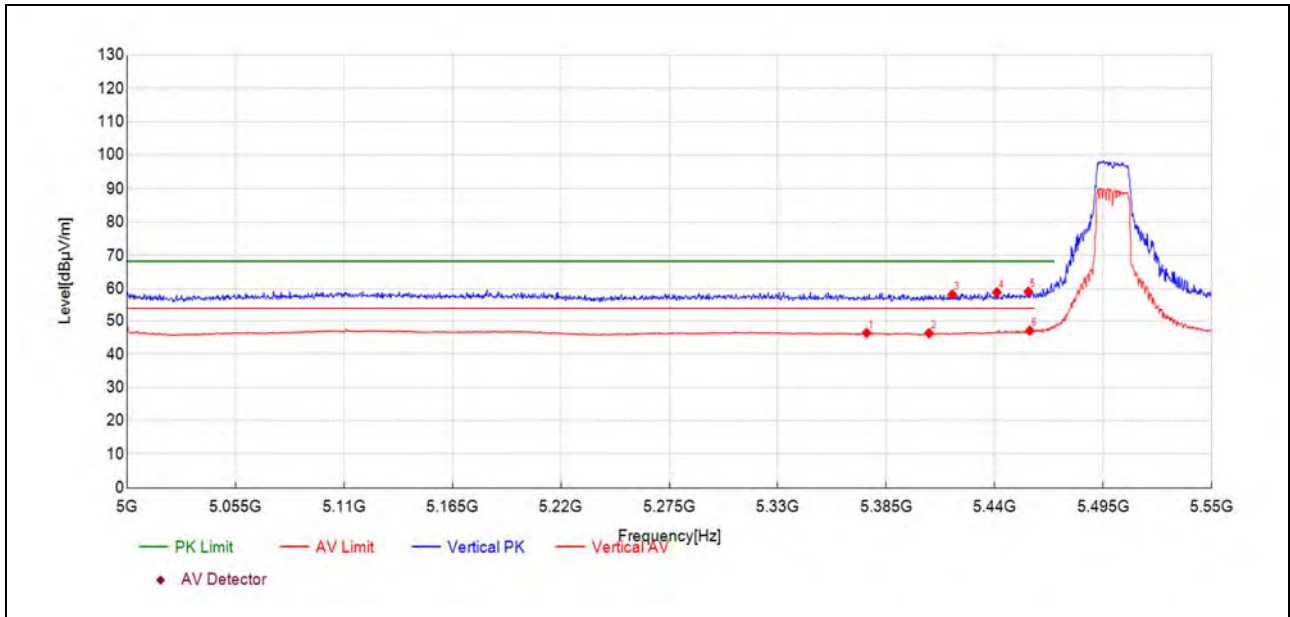
Plot for Channel 64



Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5352.54	29.2	49.13	19.930	54.00	4.87	150	118	AV	PASS
5354.15	44.5	64.43	19.930	74.00	9.57	150	118	PK	PASS
5361.28	42.9	62.84	19.920	74.00	11.16	150	40	PK	PASS
5372.56	26.7	46.60	19.890	54.00	7.40	150	118	AV	PASS
5385.79	26.1	45.96	19.860	54.00	8.04	150	360	AV	PASS
5386.48	38.6	58.44	19.860	74.00	15.56	150	240	PK	PASS

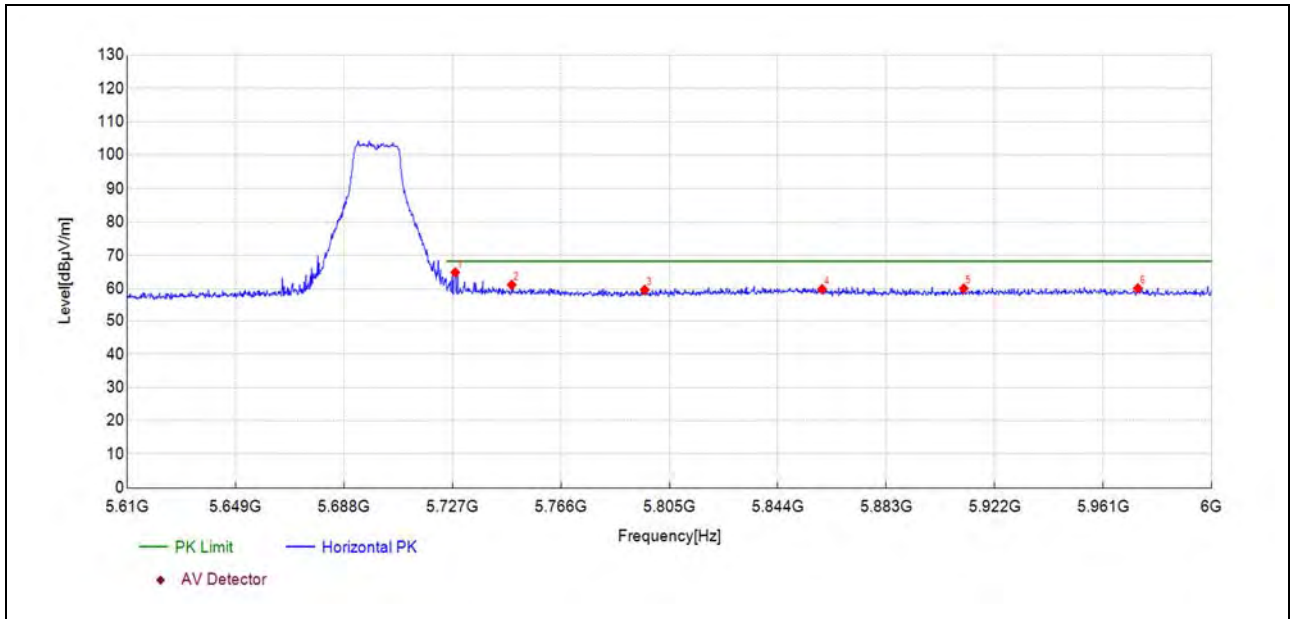


Plot for Channel 100



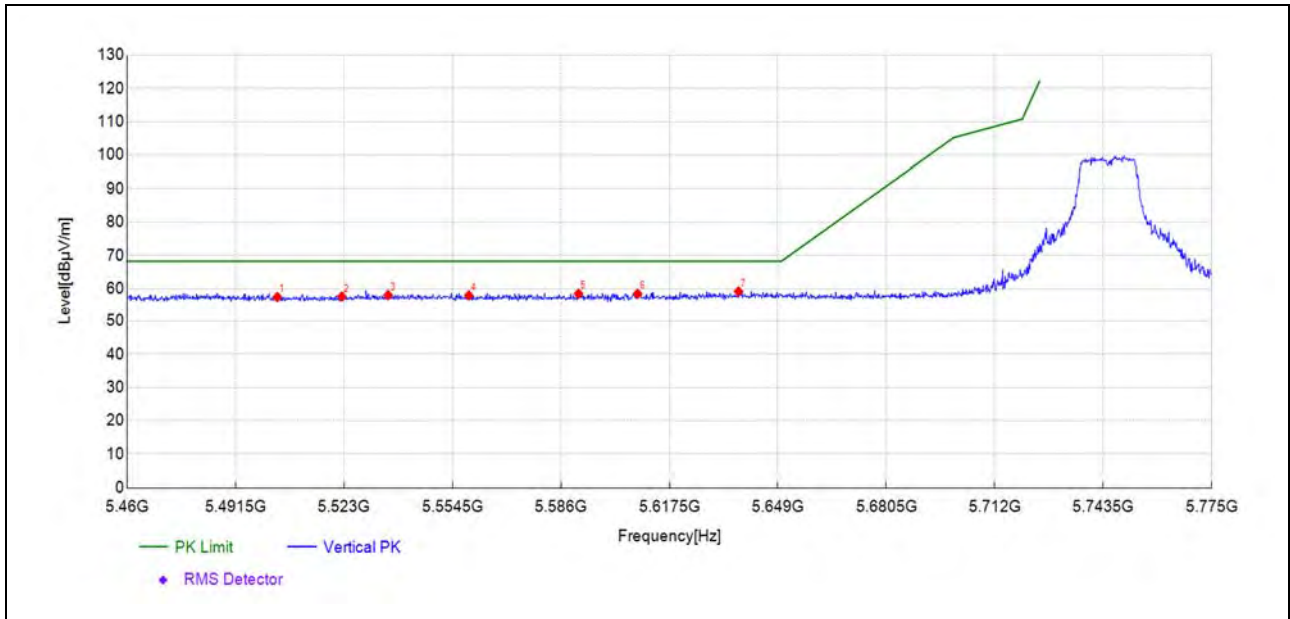
Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5375.01	26.5	46.41	19.880	54.00	7.59	150	59	AV	PASS
5406.65	26.4	46.32	19.920	54.00	7.68	150	206	AV	PASS
5418.48	38.2	58.24	20.060	68.23	9.99	150	356	PK	PASS
5441.05	38.5	58.89	20.350	68.23	9.34	150	0	PK	PASS
5457.00	38.6	59.07	20.440	68.23	9.16	150	89	PK	PASS
5457.83	26.7	47.08	20.430	54.00	6.92	150	281	AV	PASS

Plot for Channel 140



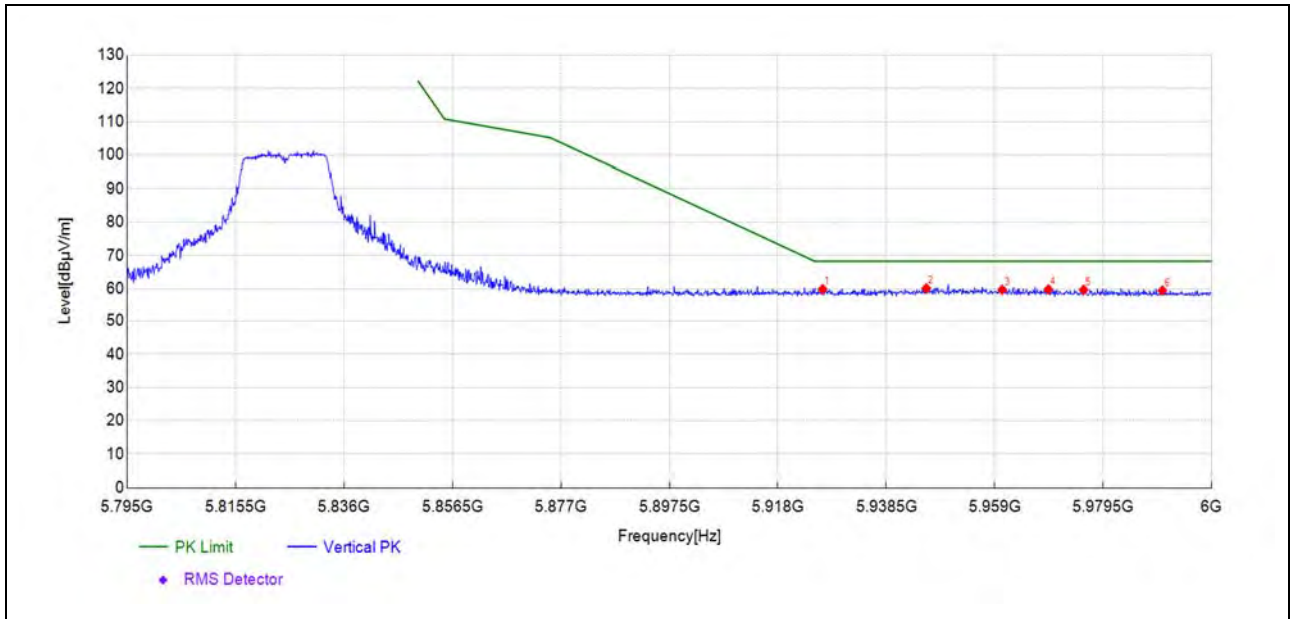
Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5728.03	43.6	64.90	21.300	68.23	3.33	150	54	PK	PASS
5748.32	39.5	61.16	21.620	68.23	7.07	150	97	PK	PASS
5796.12	38.0	59.66	21.700	68.23	8.57	150	344	PK	PASS
5859.92	37.6	59.86	22.310	68.23	8.37	150	97	PK	PASS
5910.84	38.2	60.04	21.810	68.23	8.19	150	351	PK	PASS
5973.47	38.2	60.11	21.940	68.23	8.12	150	0	PK	PASS

Plot for Channel 149



Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5503.65	37.3	57.48	20.220	68.23	10.75	150	132	PK	PASS
5522.40	37.4	57.66	20.230	68.23	10.57	150	91	PK	PASS
5535.80	37.8	58.06	20.250	68.23	10.17	150	91	PK	PASS
5559.27	37.7	57.97	20.240	68.23	10.26	150	49	PK	PASS
5591.11	38.4	58.51	20.160	68.23	9.72	150	27	PK	PASS
5608.28	38.2	58.49	20.280	68.23	9.74	150	0	PK	PASS
5637.59	38.4	59.16	20.790	68.23	9.07	150	1	PK	PASS

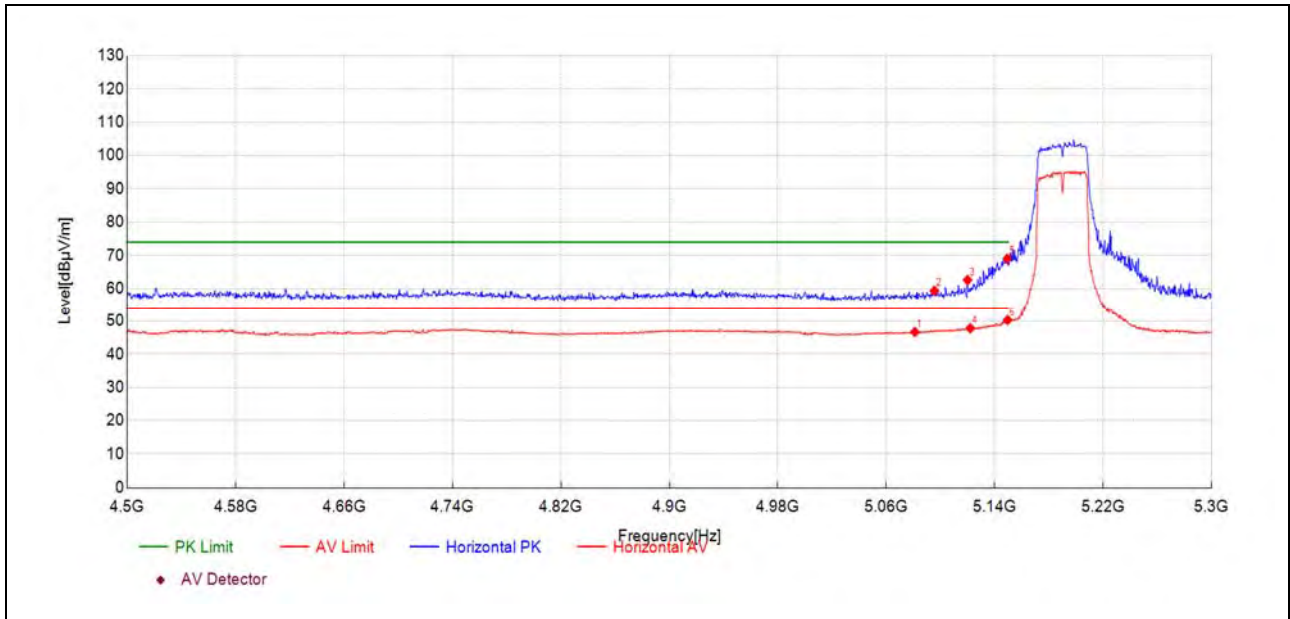
Plot for Channel 165



Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5926.47	37.9	59.85	21.930	68.23	8.38	150	45	PK	PASS
5946.06	38.0	60.10	22.090	68.23	8.13	150	151	PK	PASS
5960.42	37.7	59.70	22.040	68.23	8.53	150	284	PK	PASS
5969.13	37.8	59.78	21.970	68.23	8.45	150	326	PK	PASS
5975.80	37.8	59.68	21.910	68.23	8.55	150	200	PK	PASS
5990.67	37.6	59.43	21.790	68.23	8.80	150	72	PK	PASS

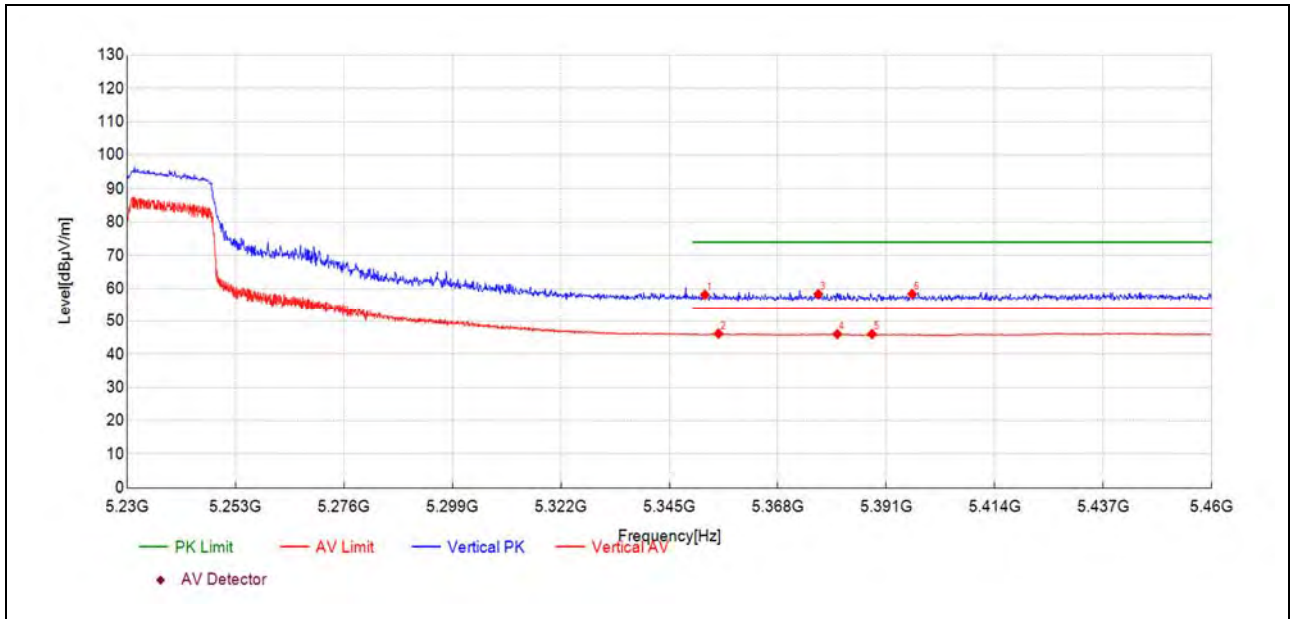
**802.11n (HT40) Mode**

Plot for Channel 38



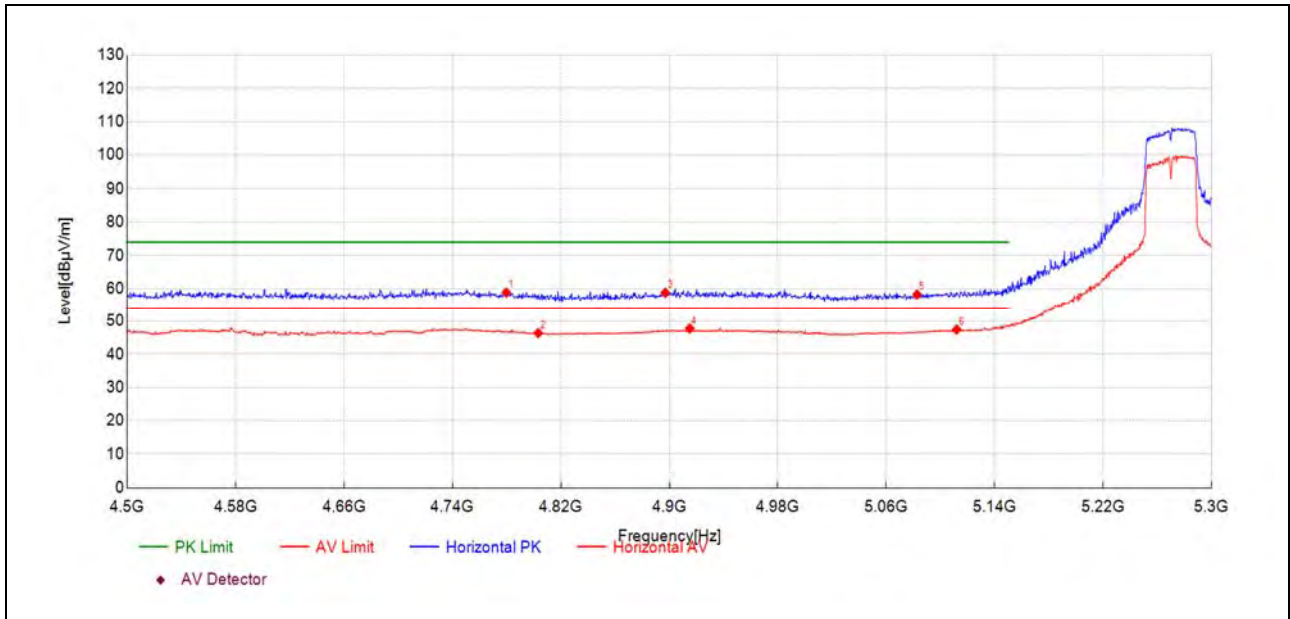
Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5081.09	26.3	46.67	20.390	54.00	7.33	150	85	AV	PASS
5095.50	38.9	59.35	20.490	74.00	14.65	150	101	PK	PASS
5119.91	42.1	62.58	20.440	74.00	11.42	150	101	PK	PASS
5121.91	27.4	47.80	20.440	54.00	6.20	150	101	AV	PASS
5149.12	48.7	69.03	20.320	74.00	4.97	150	101	PK	PASS
5149.52	30.0	50.29	20.320	54.00	3.71	150	70	AV	PASS

Plot for Channel 46



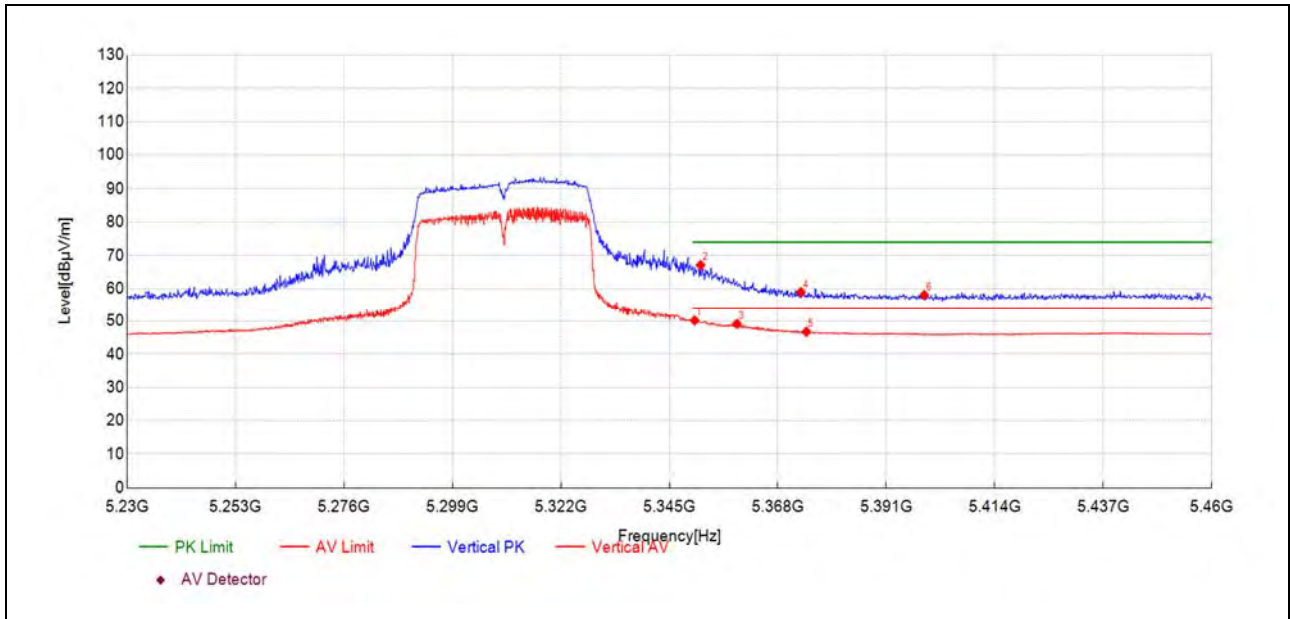
Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5352.54	38.2	58.15	19.930	74.00	15.85	150	1	PK	PASS
5355.41	26.3	46.20	19.930	54.00	7.80	150	138	AV	PASS
5376.58	38.5	58.37	19.880	74.00	15.63	150	152	PK	PASS
5380.61	26.2	46.05	19.870	54.00	7.95	150	70	AV	PASS
5387.97	26.2	46.08	19.850	54.00	7.92	150	121	AV	PASS
5396.49	38.6	58.39	19.840	74.00	15.61	150	169	PK	PASS

Plot for Channel 54



Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
4779.74	39.0	58.82	19.800	74.00	15.18	150	154	PK	PASS
4803.35	26.9	46.36	19.480	54.00	7.64	150	62	AV	PASS
4897.00	38.5	58.76	20.240	74.00	15.24	150	276	PK	PASS
4915.01	27.6	47.76	20.140	54.00	6.24	150	276	AV	PASS
5082.69	37.8	58.23	20.410	74.00	15.77	150	69	PK	PASS
5111.91	27.0	47.43	20.480	54.00	6.57	150	360	AV	PASS

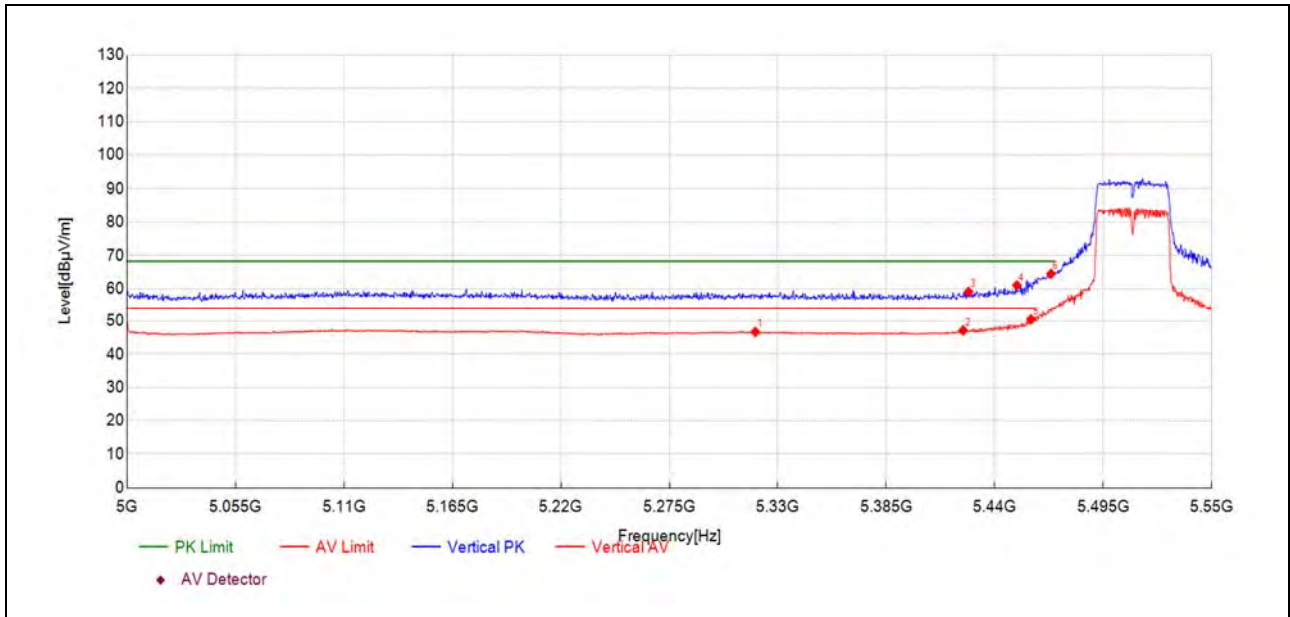
Plot for Channel 62



Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5350.35	30.2	50.18	19.940	54.00	3.82	150	3	AV	PASS
5351.62	47.2	67.10	19.940	74.00	6.90	150	360	PK	PASS
5359.32	29.3	49.18	19.920	54.00	4.82	150	3	AV	PASS
5372.90	39.1	58.95	19.890	74.00	15.05	150	230	PK	PASS
5374.05	26.9	46.77	19.890	54.00	7.23	150	169	AV	PASS
5399.02	38.2	58.05	19.830	74.00	15.95	150	206	PK	PASS

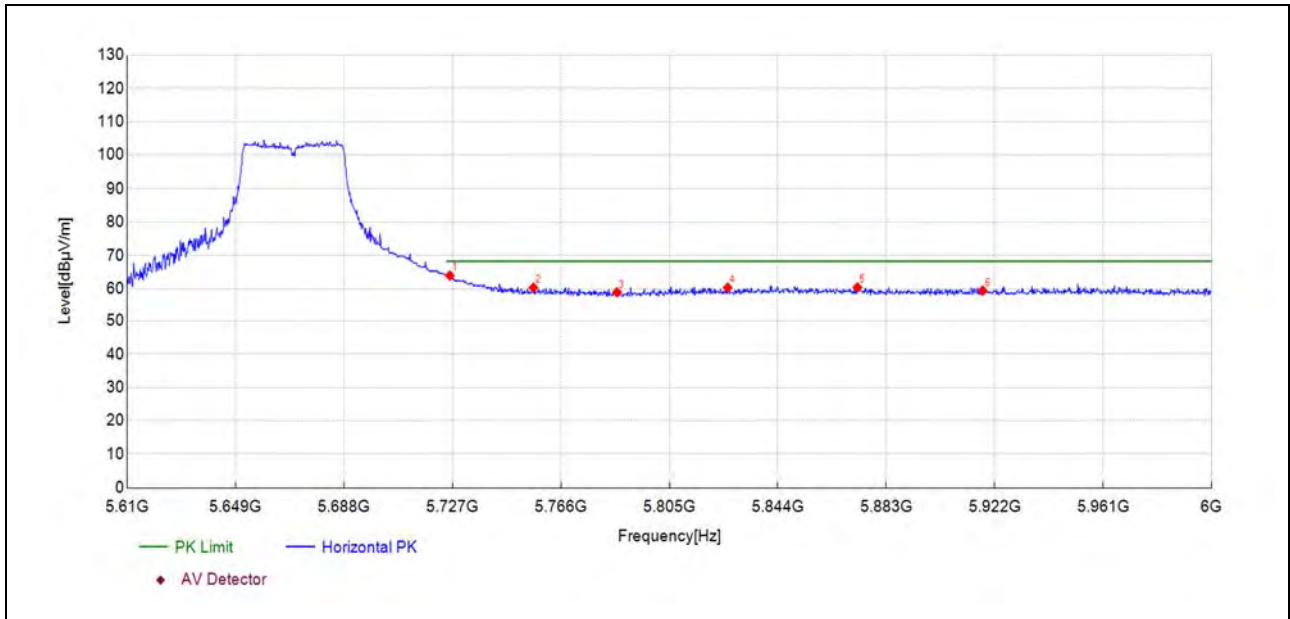


Plot for Channel 102



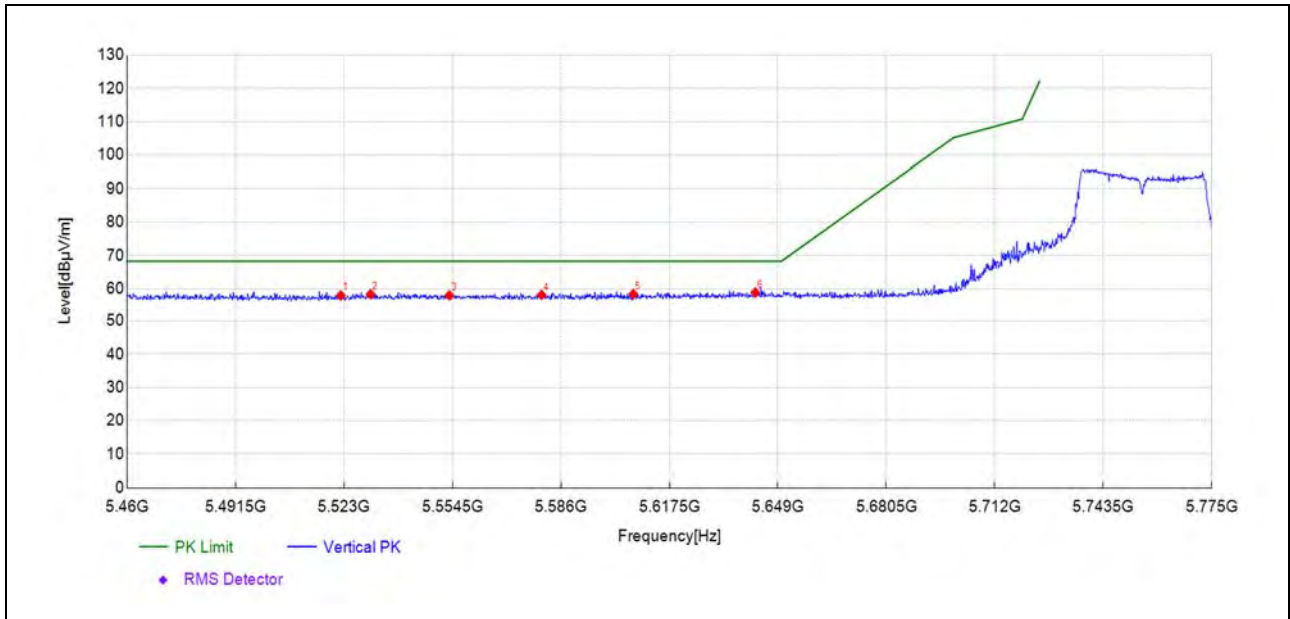
Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5318.61	26.6	46.73	20.140	54.00	7.27	150	289	AV	PASS
5423.99	27.0	47.17	20.140	54.00	6.83	150	130	AV	PASS
5426.74	38.9	59.06	20.170	68.23	9.17	150	130	PK	PASS
5451.23	40.5	61.00	20.460	68.23	7.23	150	116	PK	PASS
5458.38	30.1	50.51	20.430	54.00	3.49	150	342	AV	PASS
5468.56	44.1	64.50	20.370	68.23	3.73	150	350	PK	PASS

Plot for Channel 134



Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5726.08	42.7	63.94	21.280	68.23	4.29	150	90	PK	PASS
5756.13	38.6	60.29	21.650	68.23	7.94	150	252	PK	PASS
5786.17	37.2	58.92	21.680	68.23	9.31	150	287	PK	PASS
5825.97	38.2	60.31	22.100	68.23	7.92	150	48	PK	PASS
5872.60	38.3	60.37	22.120	68.23	7.86	150	211	PK	PASS
5917.67	37.6	59.42	21.870	68.23	8.81	150	5	PK	PASS

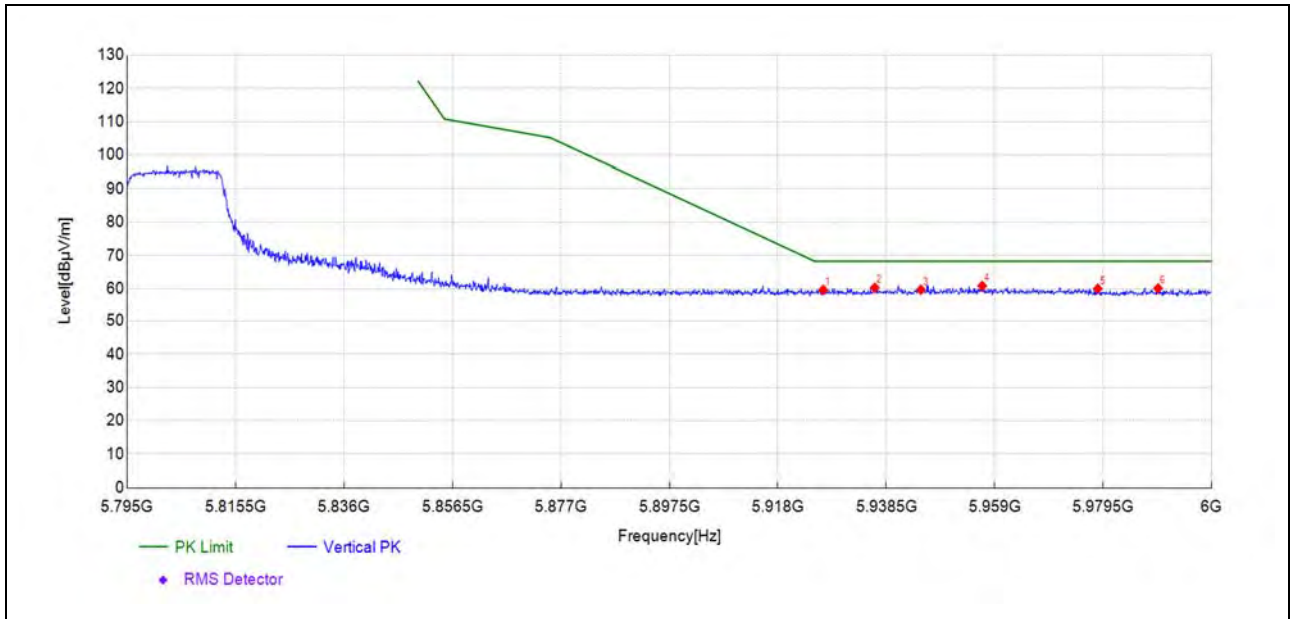
Plot for Channel 151



Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5522.09	37.7	57.96	20.230	68.23	10.27	150	359	PK	PASS
5530.75	38.1	58.34	20.250	68.23	9.89	150	334	PK	PASS
5553.60	37.7	57.99	20.260	68.23	10.24	150	178	PK	PASS
5580.39	38.0	58.15	20.190	68.23	10.08	150	59	PK	PASS
5607.02	38.2	58.41	20.250	68.23	9.82	150	10	PK	PASS
5642.48	38.0	58.85	20.870	68.23	9.38	150	291	PK	PASS



Plot for Channel 159



Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5926.57	37.7	59.64	21.930	68.23	8.59	150	329	PK	PASS
5936.32	38.3	60.31	22.010	68.23	7.92	150	68	PK	PASS
5945.03	37.6	59.70	22.080	68.23	8.53	150	146	PK	PASS
5956.62	38.8	60.85	22.060	68.23	7.38	150	34	PK	PASS
5978.46	38.1	59.98	21.900	68.23	8.25	150	168	PK	PASS
5989.85	38.3	60.10	21.800	68.23	8.13	150	301	PK	PASS



A.9. Radiated Emission

According to ANSI C63.10, because of peak detection will yield amplitudes equal to or greater than amplitudes measured with the quasi-peak (or average) detector, the measurement data from a spectrum analyzer peak detector will represent the worst-case results, if the peak measured value complies with the quasi-peak (or average) limit, it is unnecessary to perform an quasi-peak measurement (or average).

The measurement results are obtained as below:

$$E [\text{dB}\mu\text{V/m}] = U_R + A_T + A_{\text{Factor}} [\text{dB}]; A_T = L_{\text{Cable loss}} [\text{dB}] - G_{\text{preamp}} [\text{dB}]$$

A_T : Total correction Factor except Antenna

U_R : Receiver Reading

G_{preamp} : Preamplifier Gain

A_{Factor} : Antenna Factor at 3m

During the test, the total correction Factor A_T and A_{Factor} were built in test software.

Note1: All radiated emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Note2: For the frequency, which started from 9kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

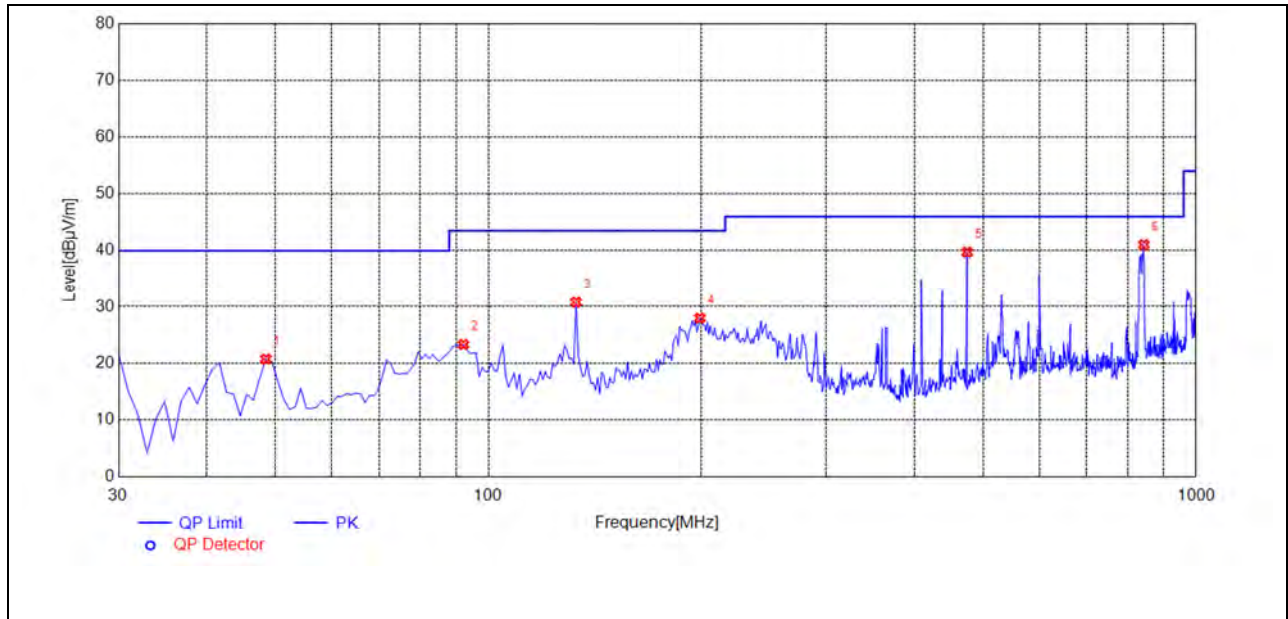
Note3: For the frequency, which started from 18GHz to 40GHz harmonic of the highest frequency, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

Note4: All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.



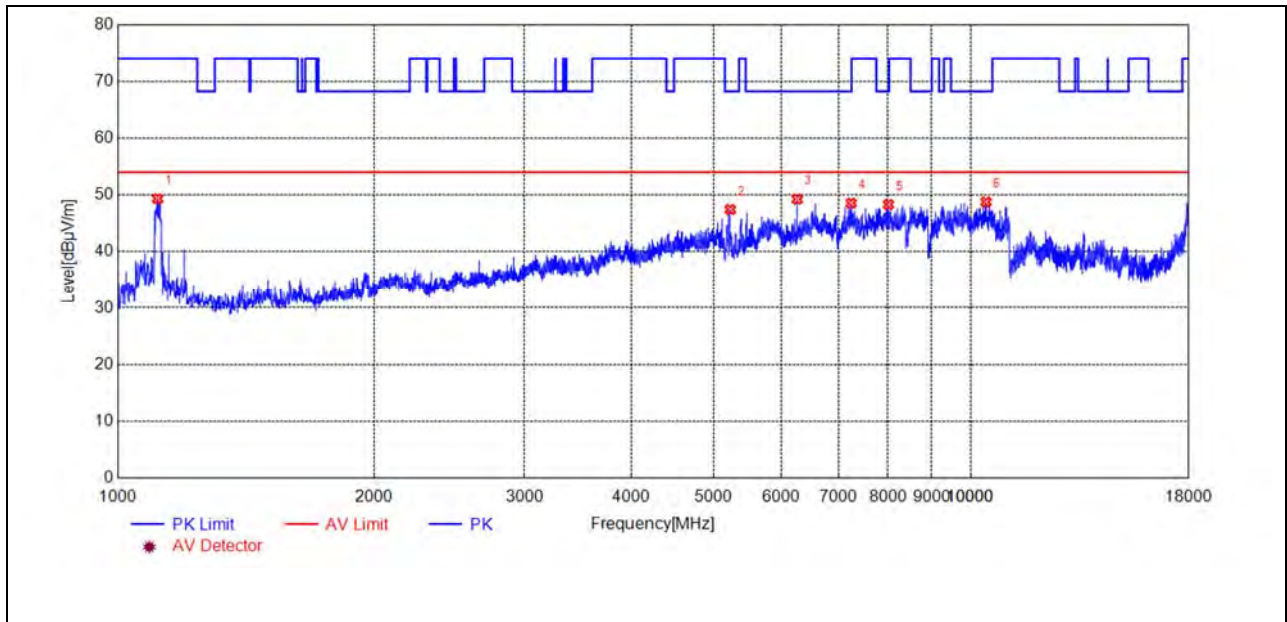
802.11a Mode

Plot for Channel 44



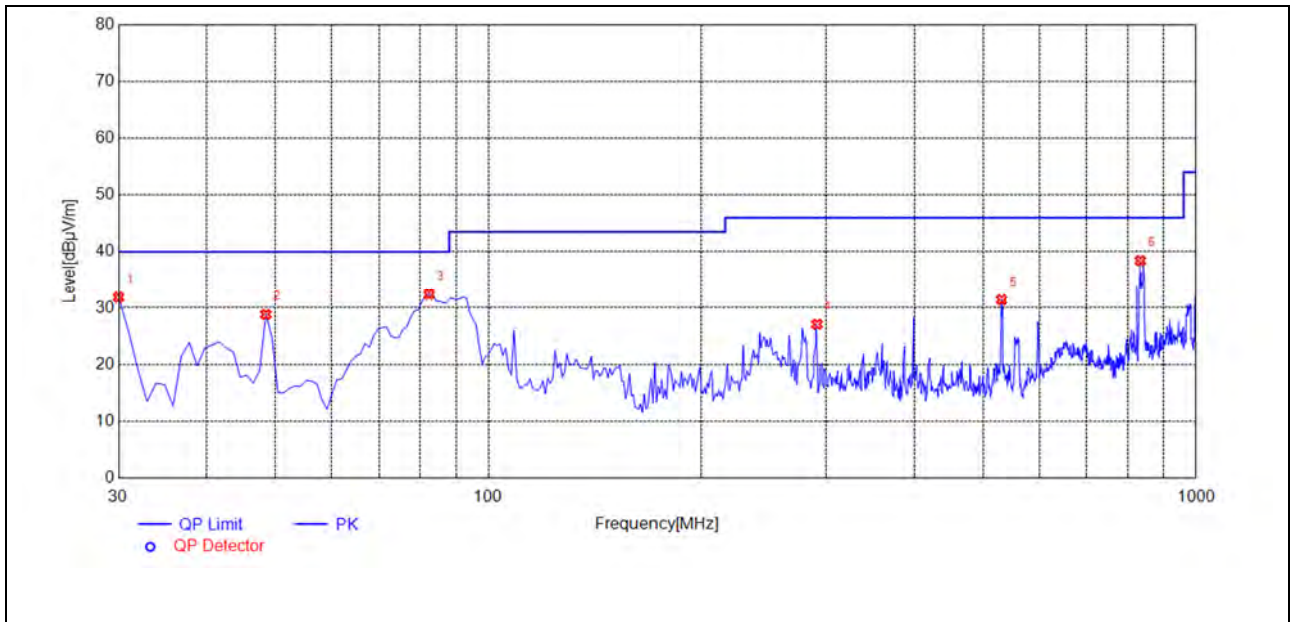
(Antenna Horizontal, 30MHz to 1GHz)

Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
48.4484	20.71	-29.56	40.00	19.29	150	300	Horizontal	PASS
92.1421	23.29	-33.74	43.50	20.21	150	32	Horizontal	PASS
132.9229	30.76	-32.93	43.50	12.74	150	308	Horizontal	PASS
198.9489	27.95	-32.05	43.50	15.55	150	279	Horizontal	PASS
474.7047	39.73	-24.66	46.00	6.27	150	18	Horizontal	PASS
843.6737	41.05	-19.21	46.00	4.95	150	279	Horizontal	PASS



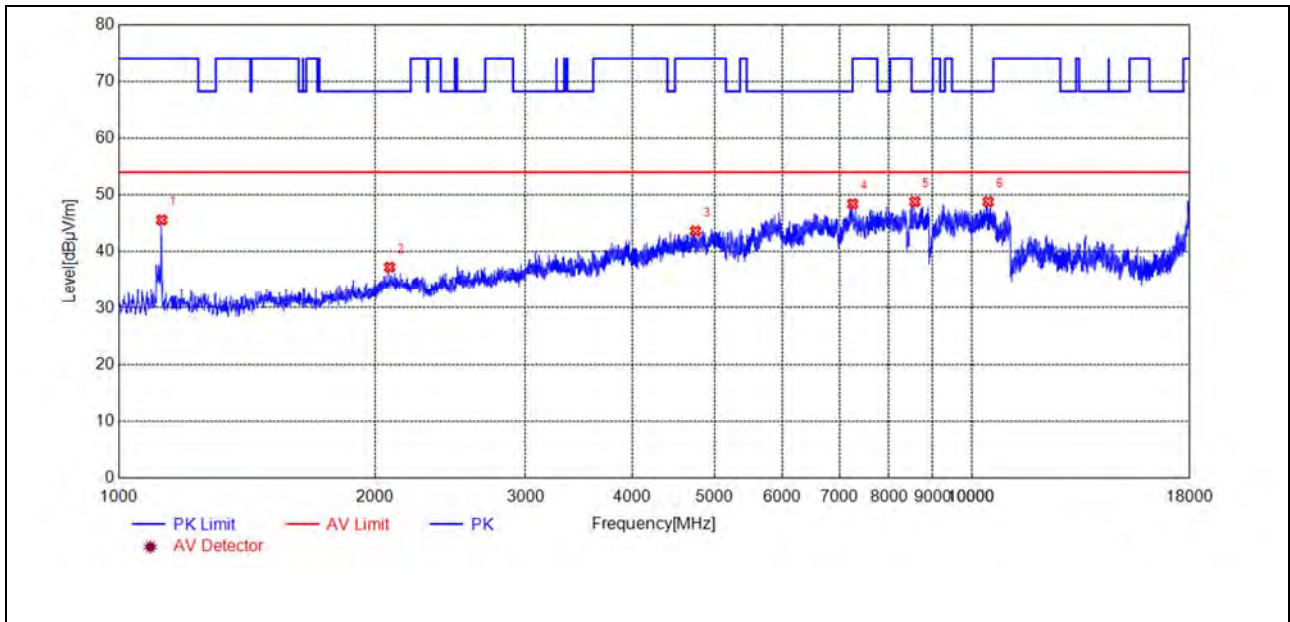
(Antenna Horizontal, 1GHz to 18GHz)

Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1114.2841	49.35	-24.46	74.00	24.65	150	279	Horizontal	PASS
5225.6792	47.45	-9.61	68.23	20.78	150	345	Horizontal	PASS
6260.8478	49.27	-6.77	68.23	18.96	150	63	Horizontal	PASS
7241.2356	48.56	-2.65	68.23	19.67	150	0	Horizontal	PASS
8008.1671	48.31	-2.66	68.23	19.92	150	296	Horizontal	PASS
10417.5788	48.76	2.45	68.23	19.47	150	246	Horizontal	PASS



(Antenna Vertical, 30MHz to 1GHz)

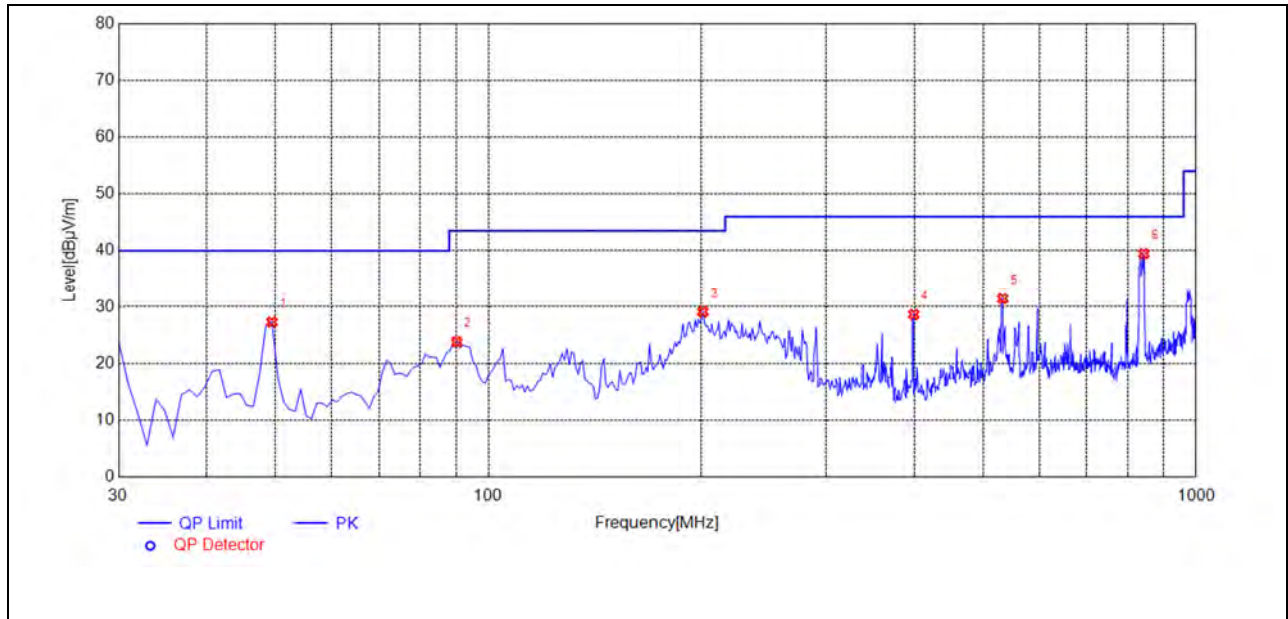
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
30.0000	31.86	-31.67	40.00	8.14	150	189	Vertical	PASS
48.4484	28.81	-29.56	40.00	11.19	150	240	Vertical	PASS
82.4324	32.38	-33.46	40.00	7.62	150	320	Vertical	PASS
291.1912	27.08	-29.26	46.00	18.92	150	343	Vertical	PASS
531.0210	31.44	-23.71	46.00	14.56	150	343	Vertical	PASS
833.9640	38.42	-19.15	46.00	7.58	150	211	Vertical	PASS



(Antenna Vertical, 1GHz to 18GHz)

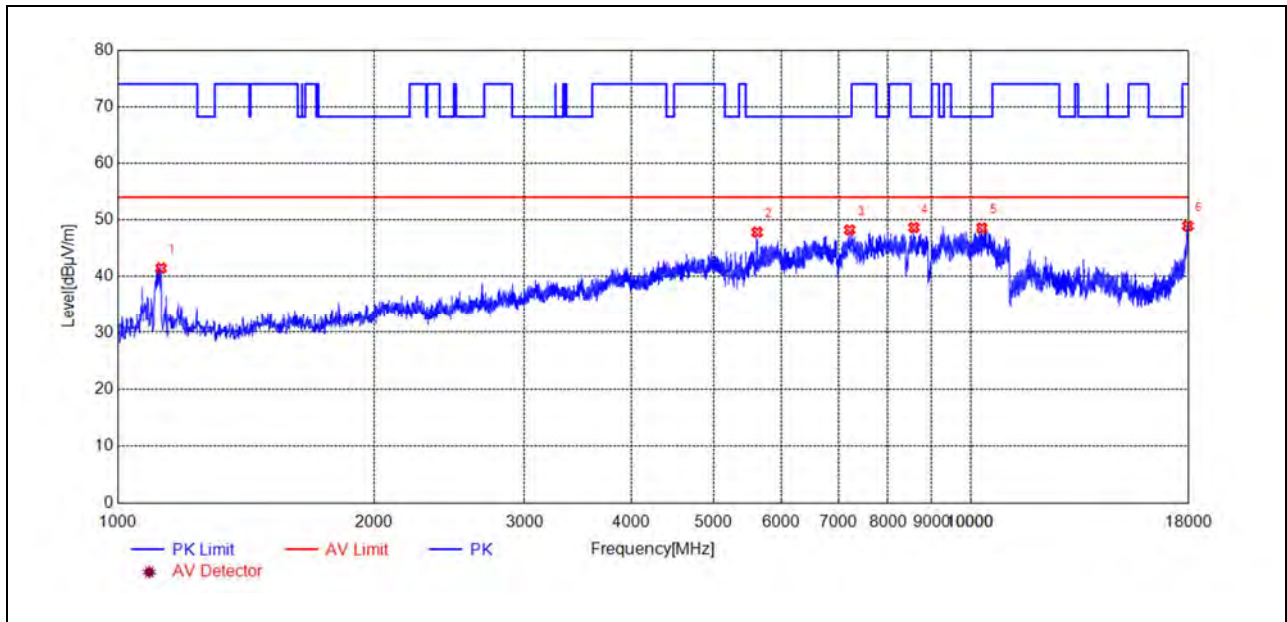
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1123.7291	45.61	-24.43	74.00	28.39	150	15	Vertical	PASS
2078.6155	37.29	-20.39	68.23	30.94	150	214	Vertical	PASS
4743.9858	43.68	-10.98	74.00	30.32	150	164	Vertical	PASS
7252.5696	48.43	-2.62	74.00	25.57	150	15	Vertical	PASS
8576.7543	48.82	-1.36	68.23	19.41	150	247	Vertical	PASS
10451.5806	48.81	2.41	68.23	19.42	150	80	Vertical	PASS

Plot for Channel 60



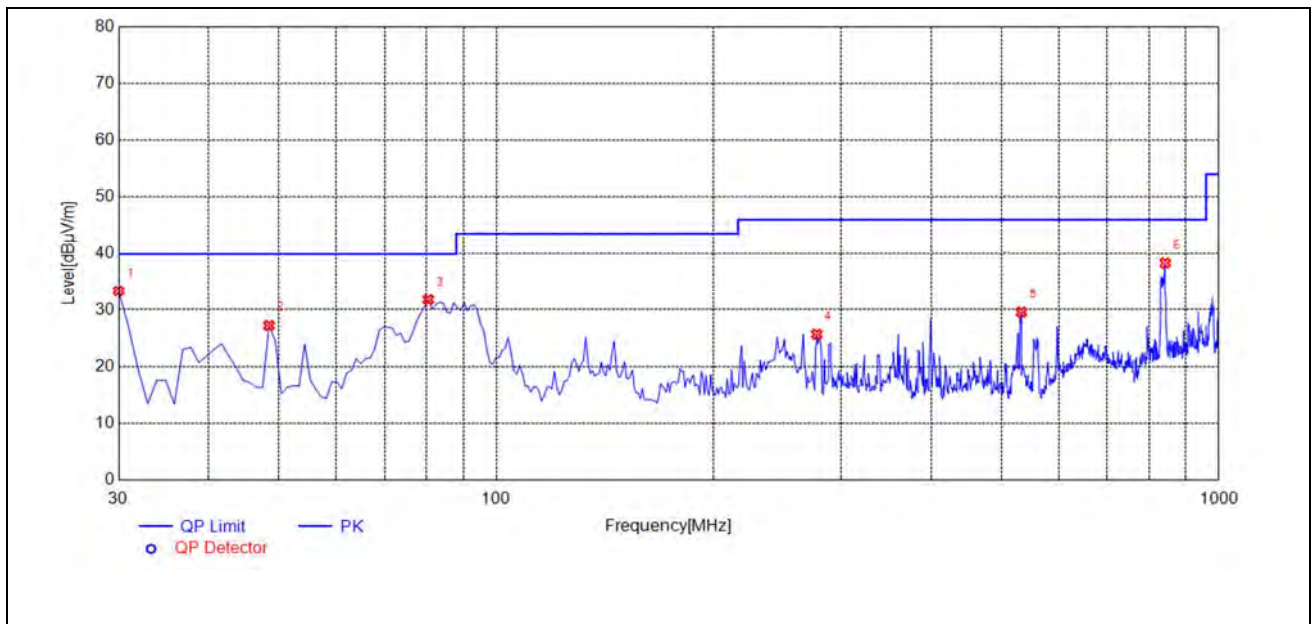
(Antenna Horizontal, 30MHz to 1GHz)

Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
49.4194	27.28	-29.49	40.00	12.72	150	24	Horizontal	PASS
90.2002	23.80	-33.56	43.50	19.70	150	0	Horizontal	PASS
200.8909	29.09	-32.43	43.50	14.41	150	255	Horizontal	PASS
398.9690	28.62	-25.83	46.00	17.38	150	52	Horizontal	PASS
532.9630	31.46	-23.86	46.00	14.54	150	270	Horizontal	PASS
843.6737	39.49	-19.21	46.00	6.51	150	255	Horizontal	PASS



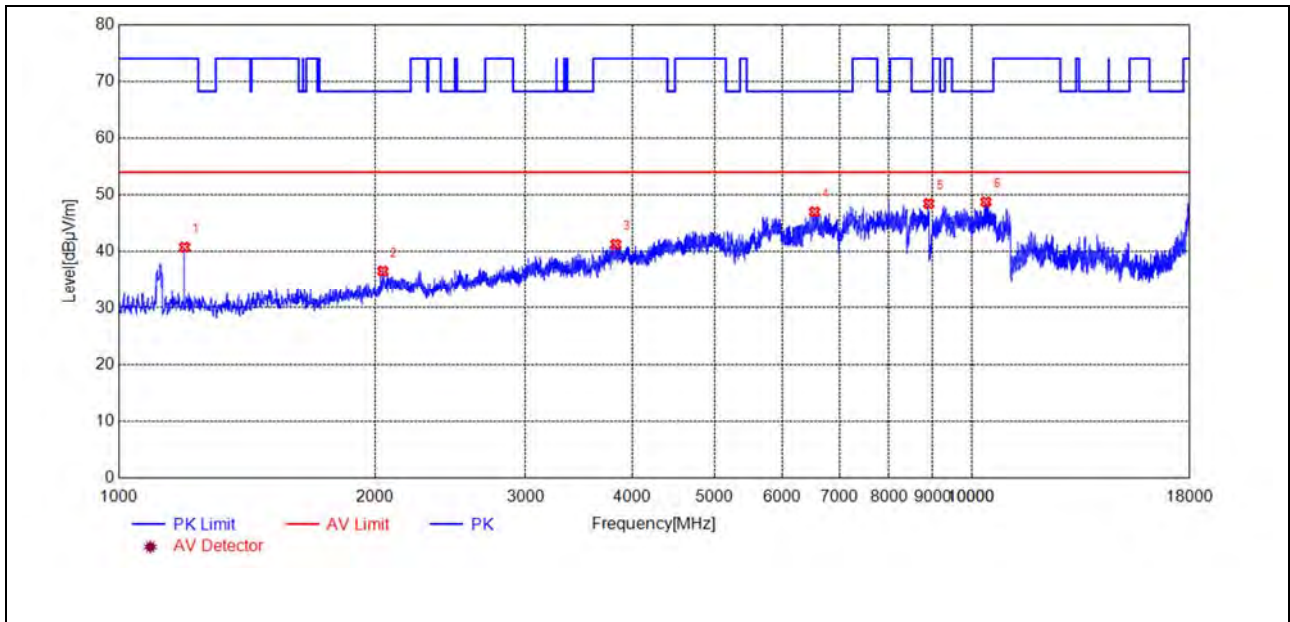
(Antenna Horizontal, 1GHz to 18GHz)

Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1124.6736	41.48	-24.43	74.00	32.52	150	15	Horizontal	PASS
5618.5899	47.85	-9.25	68.23	20.38	150	199	Horizontal	PASS
7211.9562	48.22	-2.90	68.23	20.01	150	334	Horizontal	PASS
8576.7543	48.66	-1.36	68.23	19.57	150	132	Horizontal	PASS
10302.3501	48.59	0.99	68.23	19.64	150	266	Horizontal	PASS
17962.2201	48.93	15.25	74.00	25.07	150	132	Horizontal	PASS



(Antenna Vertical, 30MHz to 1GHz)

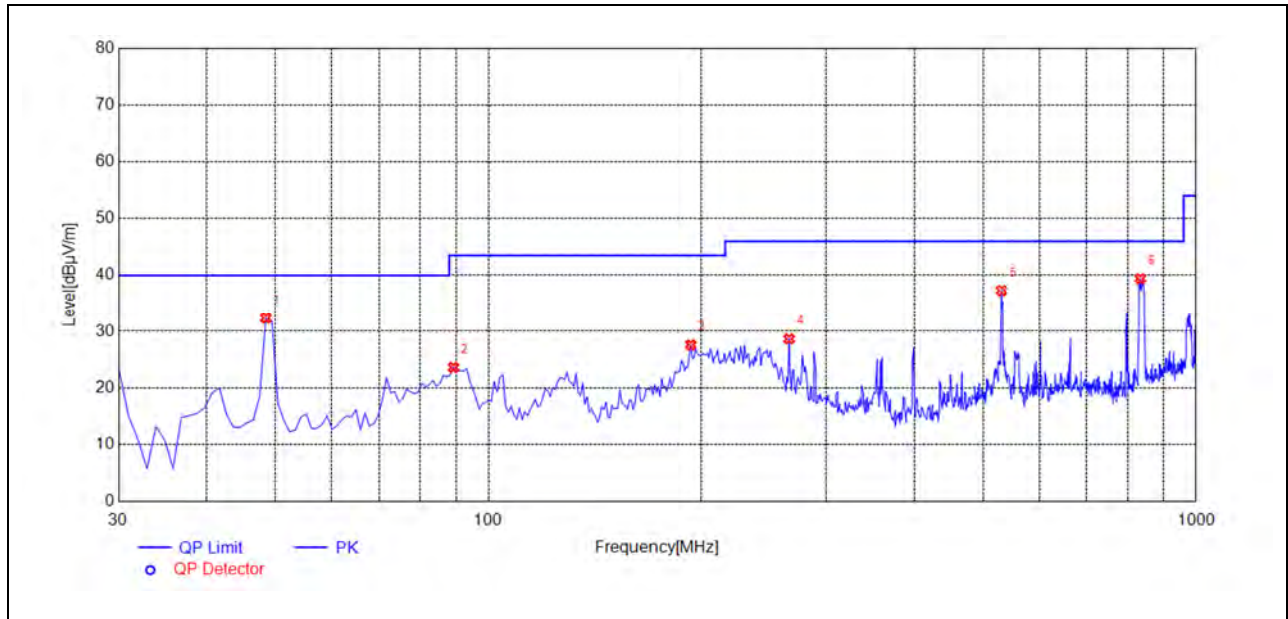
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
30.0000	33.37	-31.67	40.00	6.63	150	18	Vertical	PASS
48.4484	27.20	-29.56	40.00	12.80	150	344	Vertical	PASS
80.4905	31.77	-33.87	40.00	8.23	150	18	Vertical	PASS
277.5976	25.67	-30.35	46.00	20.33	150	344	Vertical	PASS
532.9630	29.57	-23.86	46.00	16.43	150	271	Vertical	PASS
842.7027	38.38	-19.30	46.00	7.62	150	207	Vertical	PASS



(Antenna Vertical, 1GHz to 18GHz)

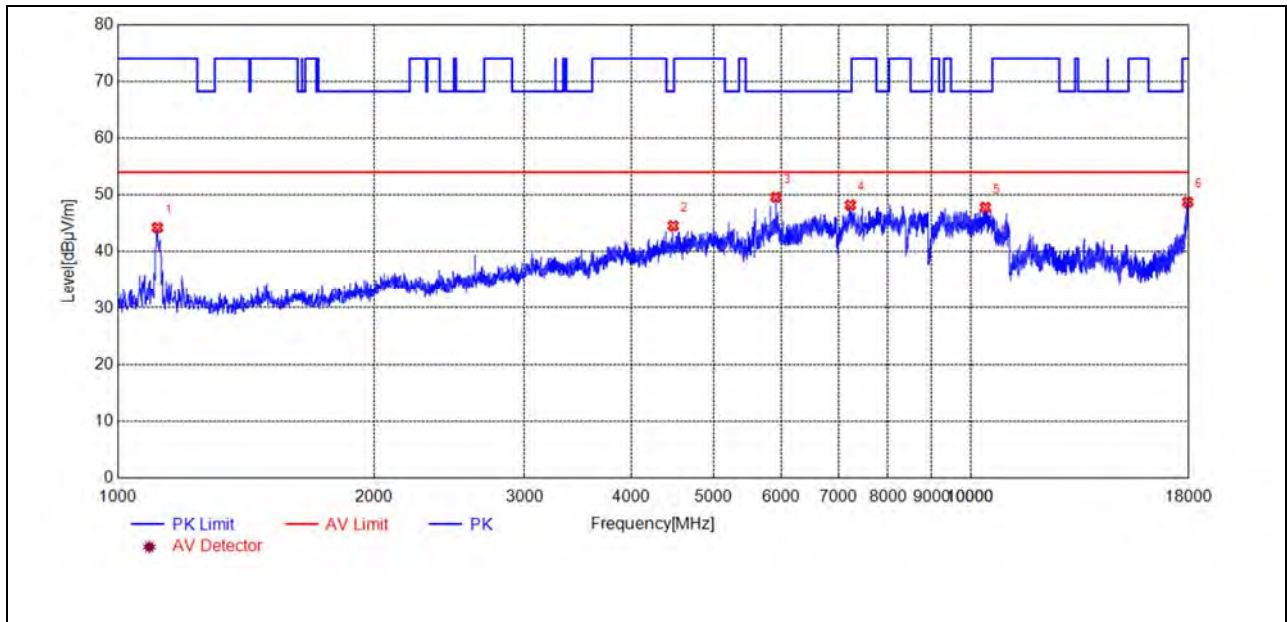
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1195.5109	40.83	-24.60	74.00	33.17	150	279	Vertical	PASS
2040.8356	36.59	-20.90	68.23	31.64	150	279	Vertical	PASS
3825.9348	41.33	-14.42	74.00	32.67	150	212	Vertical	PASS
6543.2524	47.02	-4.81	68.23	21.21	150	110	Vertical	PASS
8903.5502	48.48	-1.22	68.23	19.75	150	194	Vertical	PASS
10389.2438	48.77	2.15	68.23	19.46	150	329	Vertical	PASS

Plot for Channel 120



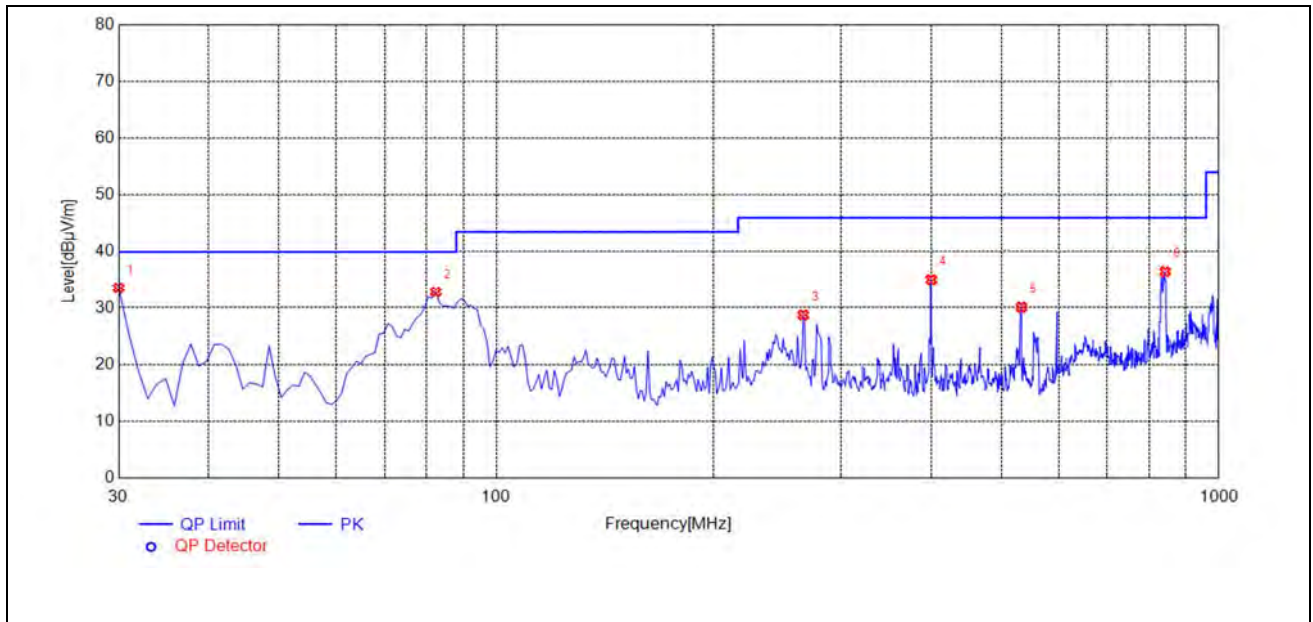
(Antenna Horizontal, 30MHz to 1GHz)

Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
48.4484	32.34	-29.56	40.00	7.66	150	25	Horizontal	PASS
89.2292	23.60	-33.54	43.50	19.90	150	25	Horizontal	PASS
193.1231	27.56	-32.73	43.50	15.94	150	256	Horizontal	PASS
265.9459	28.65	-30.52	46.00	17.35	150	112	Horizontal	PASS
531.0210	37.31	-23.71	46.00	8.69	150	264	Horizontal	PASS
833.9640	39.42	-19.15	46.00	6.58	150	271	Horizontal	PASS



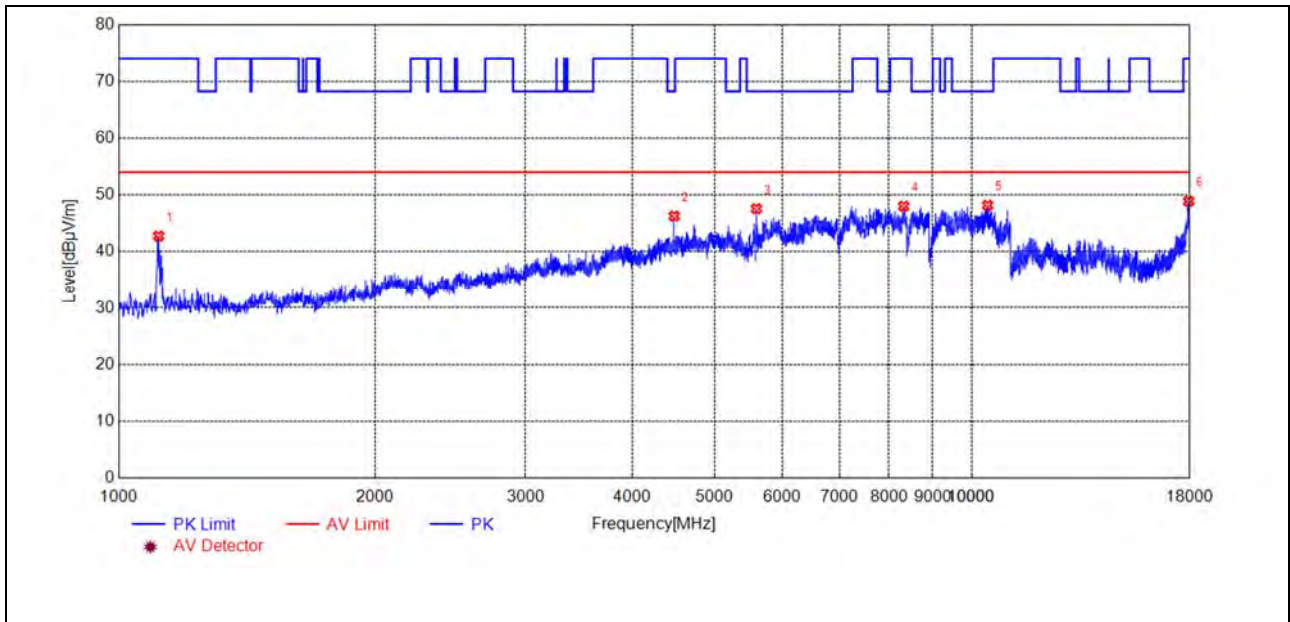
(Antenna Horizontal, 1GHz to 18GHz)

Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1113.3396	44.26	-24.46	74.00	29.74	150	297	Horizontal	PASS
4479.5266	44.58	-12.62	68.23	23.65	150	214	Horizontal	PASS
5910.4395	49.60	-6.87	68.23	18.63	150	146	Horizontal	PASS
7226.1237	48.22	-2.78	68.23	20.01	150	63	Horizontal	PASS
10401.5223	47.82	2.45	68.23	20.41	150	46	Horizontal	PASS
17960.3311	48.74	15.34	74.00	25.26	150	345	Horizontal	PASS



(Antenna Vertical, 30MHz to 1GHz)

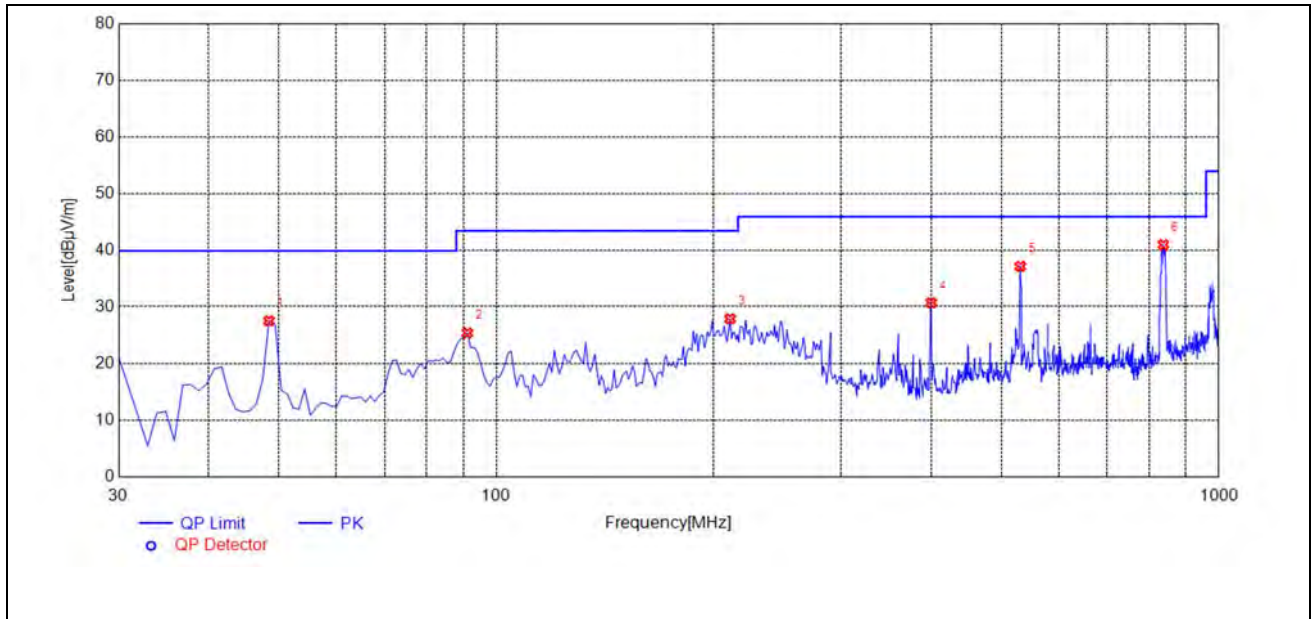
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
30.0000	33.58	-31.67	40.00	6.42	150	152	Vertical	PASS
82.4324	32.84	-33.46	40.00	7.16	150	22	Vertical	PASS
265.9459	28.72	-30.52	46.00	17.28	150	246	Vertical	PASS
399.9399	35.09	-25.98	46.00	10.91	150	1	Vertical	PASS
532.9630	30.11	-23.86	46.00	15.89	150	343	Vertical	PASS
842.7027	36.49	-19.30	46.00	9.51	150	203	Vertical	PASS



(Antenna Vertical, 1GHz to 18GHz)

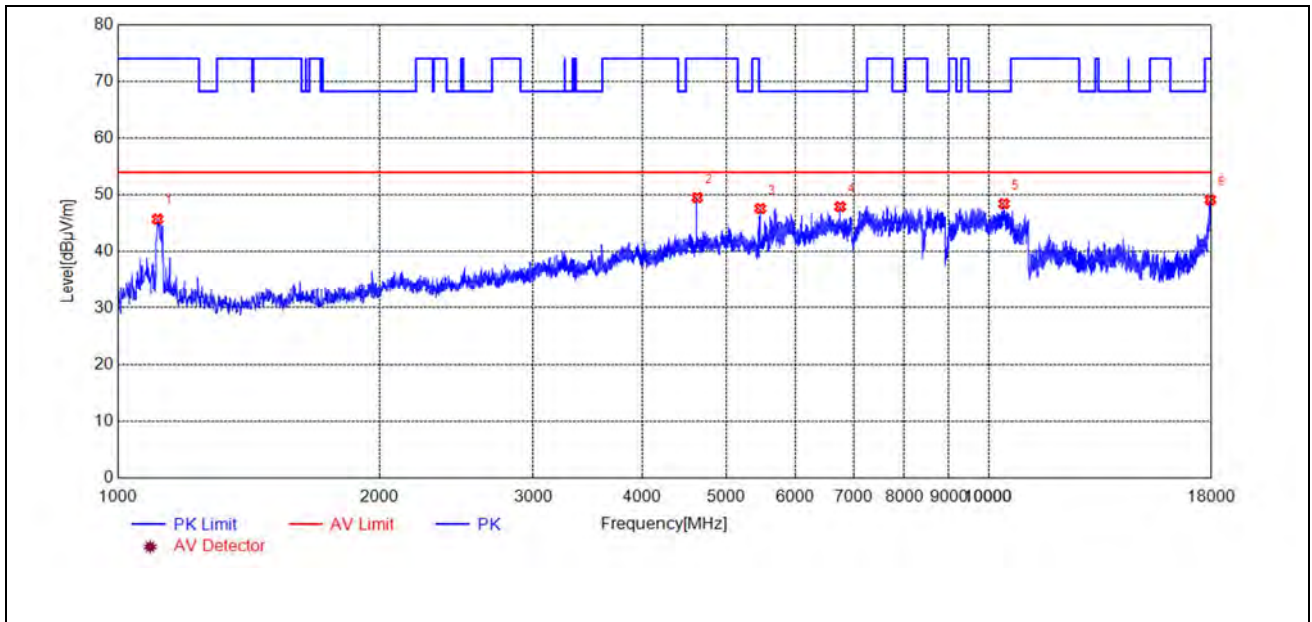
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1114.2841	42.77	-24.46	74.00	31.23	150	15	Vertical	PASS
4480.4711	46.29	-12.61	68.23	21.94	150	15	Vertical	PASS
5594.0330	47.59	-9.37	68.23	20.64	150	15	Vertical	PASS
8321.7401	48.04	-1.98	74.00	25.96	150	114	Vertical	PASS
10436.4687	48.18	2.44	68.23	20.05	150	297	Vertical	PASS
17955.6086	48.89	15.57	74.00	25.11	150	247	Vertical	PASS

Plot for Channel 157



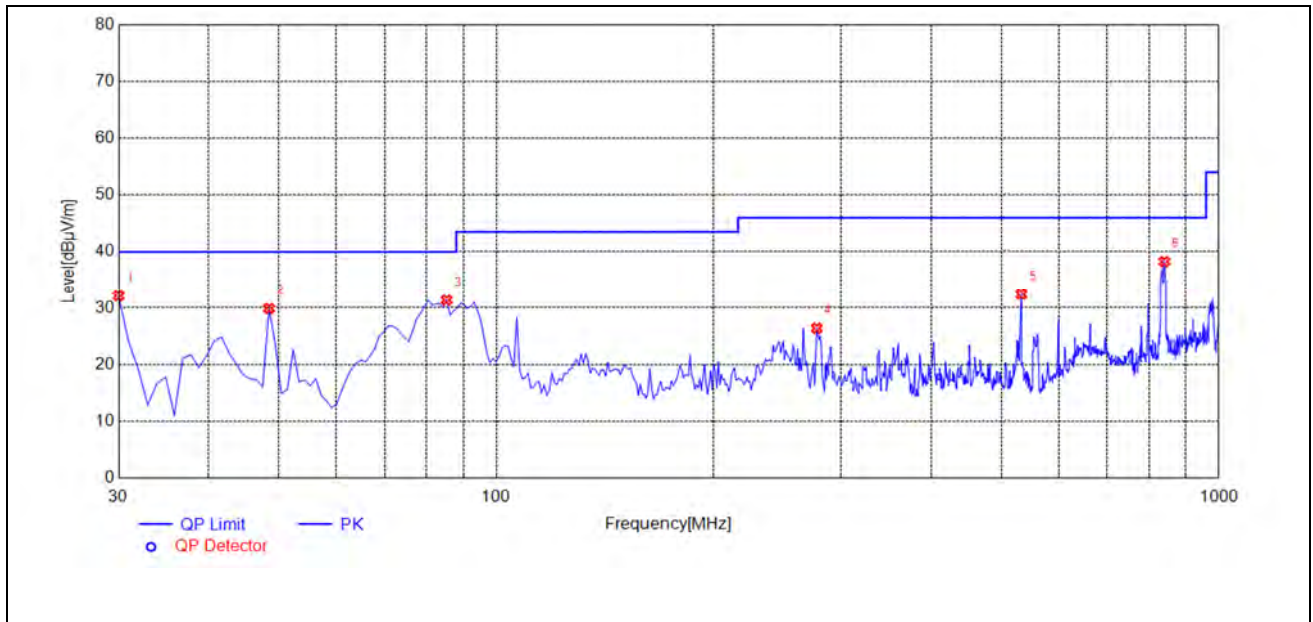
(Antenna Horizontal, 30MHz to 1GHz)

Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
48.4484	27.50	-29.56	40.00	12.50	150	248	Horizontal	PASS
91.1712	25.36	-33.95	43.50	18.14	150	343	Horizontal	PASS
210.6006	27.85	-32.26	43.50	15.65	150	234	Horizontal	PASS
399.9399	30.66	-25.98	46.00	15.34	150	132	Horizontal	PASS
531.0210	37.27	-23.71	46.00	8.73	150	299	Horizontal	PASS
837.8478	41.05	-19.33	46.00	4.95	150	277	Horizontal	PASS



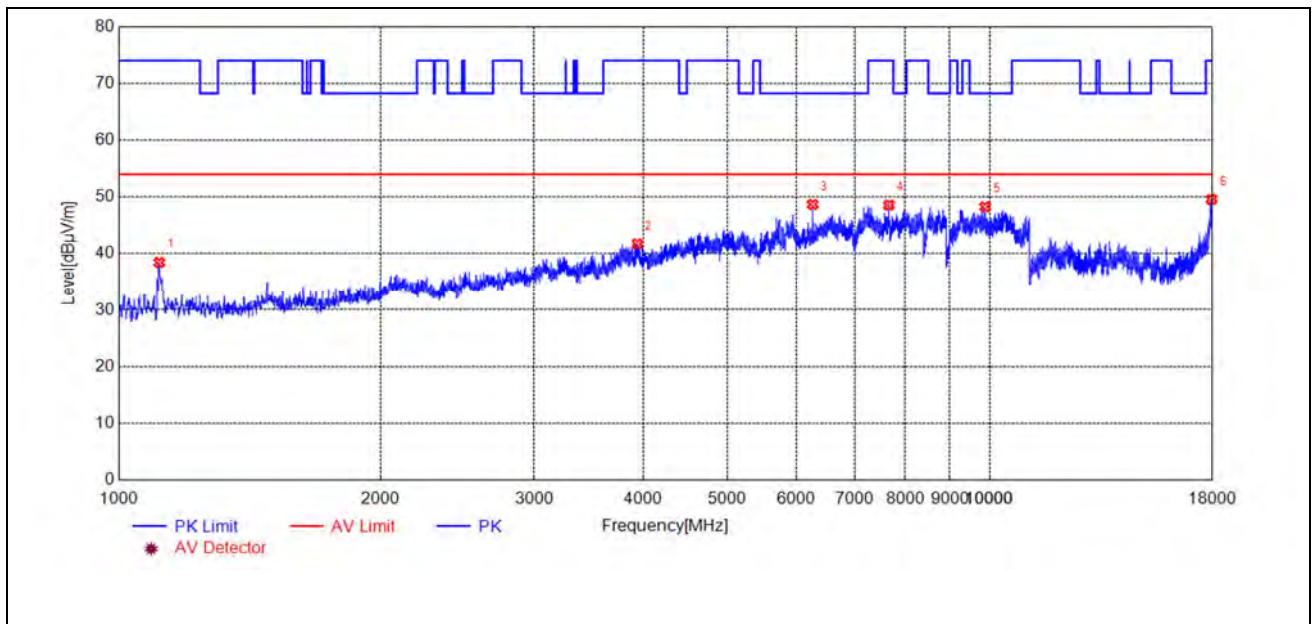
(Antenna Horizontal, 1GHz to 18GHz)

Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1111.4506	45.76	-24.47	74.00	28.24	150	299	Horizontal	PASS
4627.8127	49.55	-11.68	74.00	24.45	150	165	Horizontal	PASS
5465.5814	47.62	-9.35	68.23	20.61	150	215	Horizontal	PASS
6751.0417	47.95	-3.82	68.23	20.28	150	265	Horizontal	PASS
10409.0783	48.47	2.45	68.23	19.76	150	315	Horizontal	PASS
17957.4976	49.14	15.48	74.00	24.86	150	65	Horizontal	PASS



(Antenna Vertical, 30MHz to 1GHz)

Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
30.0000	32.12	-31.67	40.00	7.88	150	82	Vertical	PASS
48.4484	29.88	-29.56	40.00	10.12	150	111	Vertical	PASS
85.3453	31.36	-33.92	40.00	8.64	150	307	Vertical	PASS
277.5976	26.39	-30.35	46.00	19.61	150	249	Vertical	PASS
532.9630	32.38	-23.86	46.00	13.62	150	307	Vertical	PASS
840.7608	38.27	-19.49	46.00	7.73	150	220	Vertical	PASS



(Antenna Vertical, 1GHz to 18GHz)

Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1113.3396	38.46	-24.46	74.00	35.54	150	279	Vertical	PASS
3939.2744	41.75	-13.98	74.00	32.25	150	162	Vertical	PASS
6261.7923	48.69	-6.74	68.23	19.54	150	229	Vertical	PASS
7660.5923	48.58	-2.42	74.00	25.42	150	45	Vertical	PASS
9877.3265	48.27	1.46	68.23	19.96	150	12	Vertical	PASS
17970.7206	49.59	14.83	74.00	24.41	150	45	Vertical	PASS

END OF REPORT