

PSD NVNT n20 5700MHz Ant1



PSD NVNT n20 5745MHz Ant1



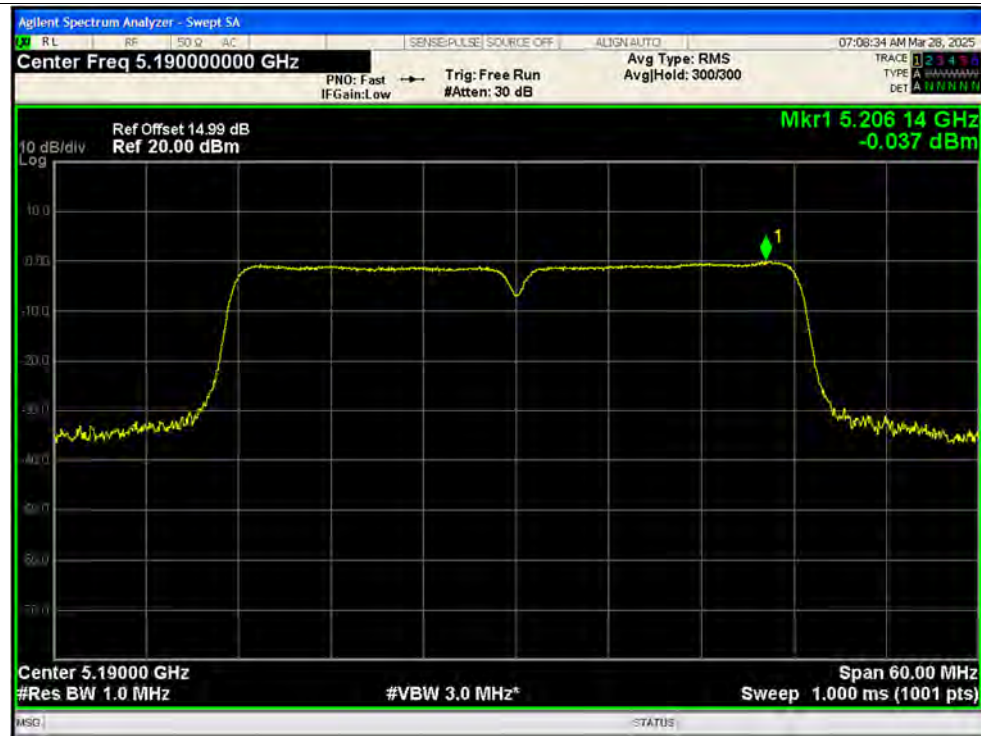
PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5190MHz Ant1



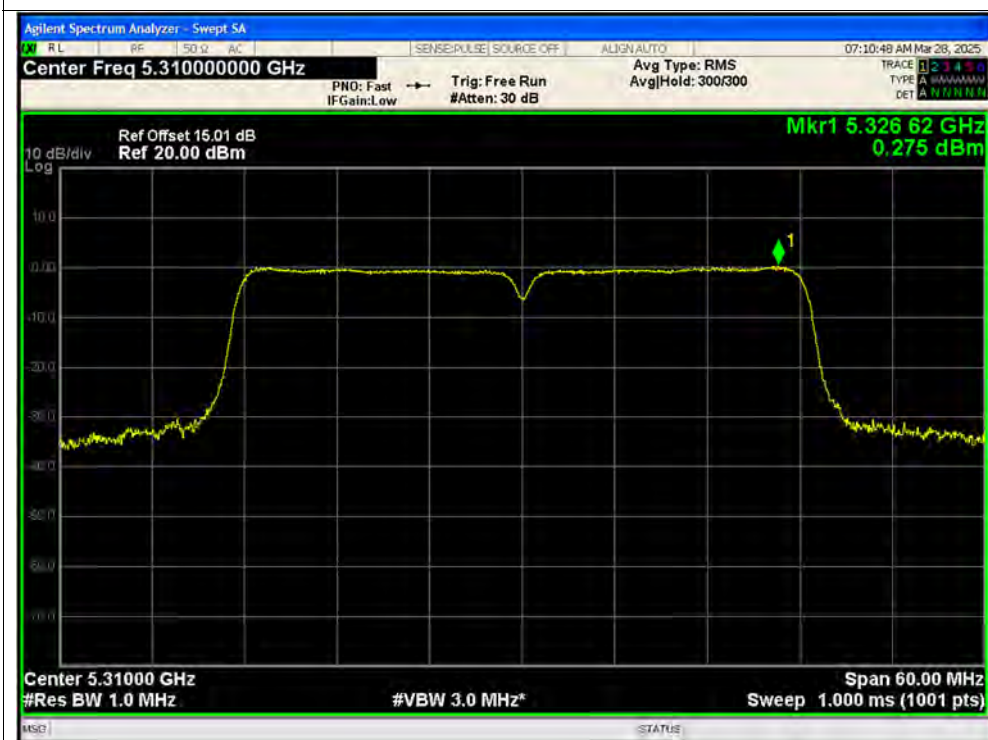
PSD NVNT n40 5230MHz Ant1



PSD NVNT n40 5270MHz Ant1



PSD NVNT n40 5310MHz Ant1



PSD NVNT n40 5510MHz Ant1



PSD NVNT n40 5550MHz Ant1



PSD NVNT n40 5670MHz Ant1



PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1



PSD NVNT ac20 5180MHz Ant1



PSD NVNT ac20 5220MHz Ant1



PSD NVNT ac20 5240MHz Ant1





PSD NVNT ac20 5260MHz Ant1



PSD NVNT ac20 5300MHz Ant1



PSD NVNT ac20 5320MHz Ant1



PSD NVNT ac20 5500MHz Ant1



PSD NVNT ac20 5580MHz Ant1



PSD NVNT ac20 5700MHz Ant1



PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5785MHz Ant1



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



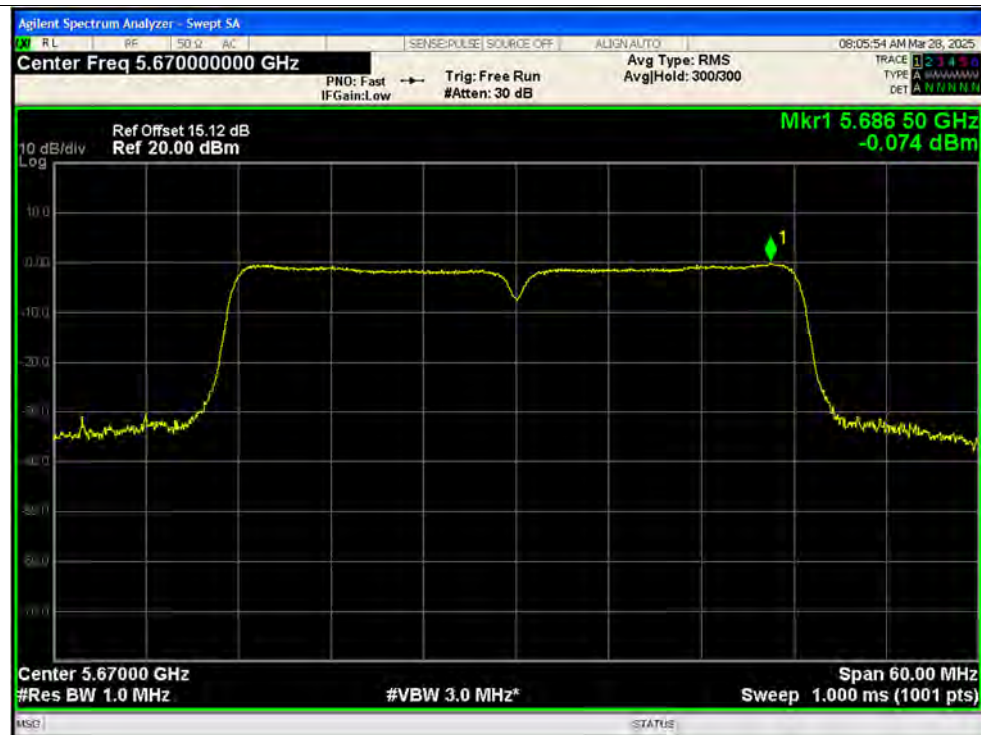
PSD NVNT ac40 5510MHz Ant1



PSD NVNT ac40 5550MHz Ant1



PSD NVNT ac40 5670MHz Ant1



PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5210MHz Ant1



PSD NVNT ac80 5290MHz Ant1



PSD NVNT ac80 5530MHz Ant1

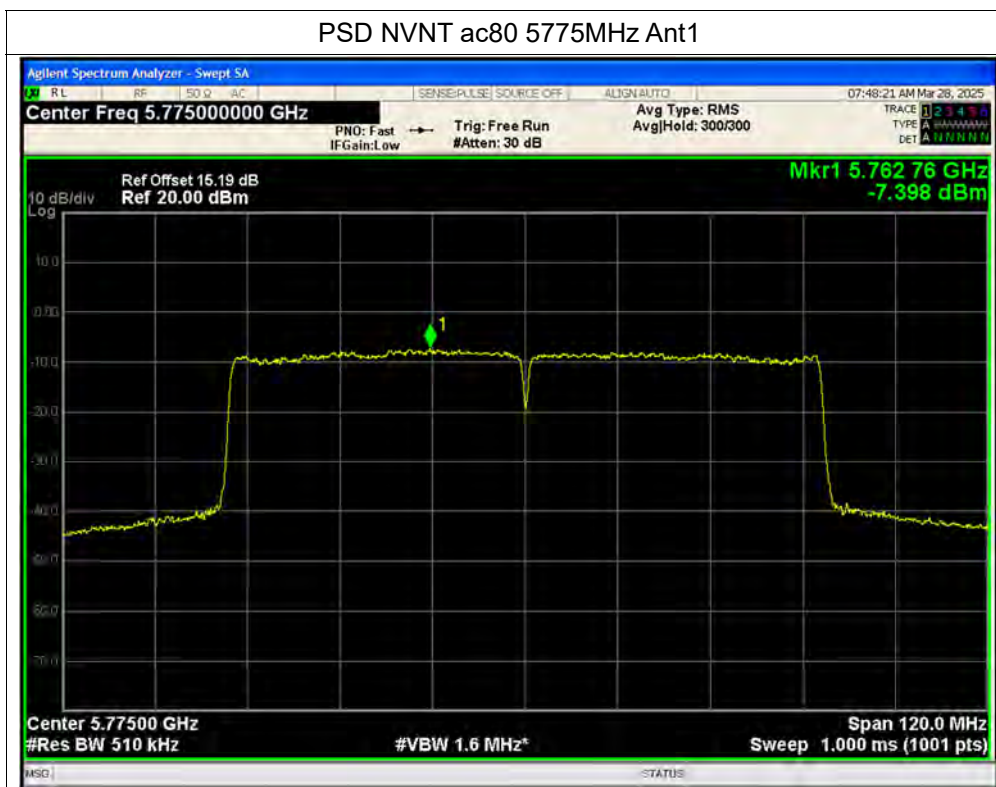


PSD NVNT ac80 5690MHz Ant1





PSD NVNT ac80 5775MHz Ant1



**A.5. Frequency Stability**

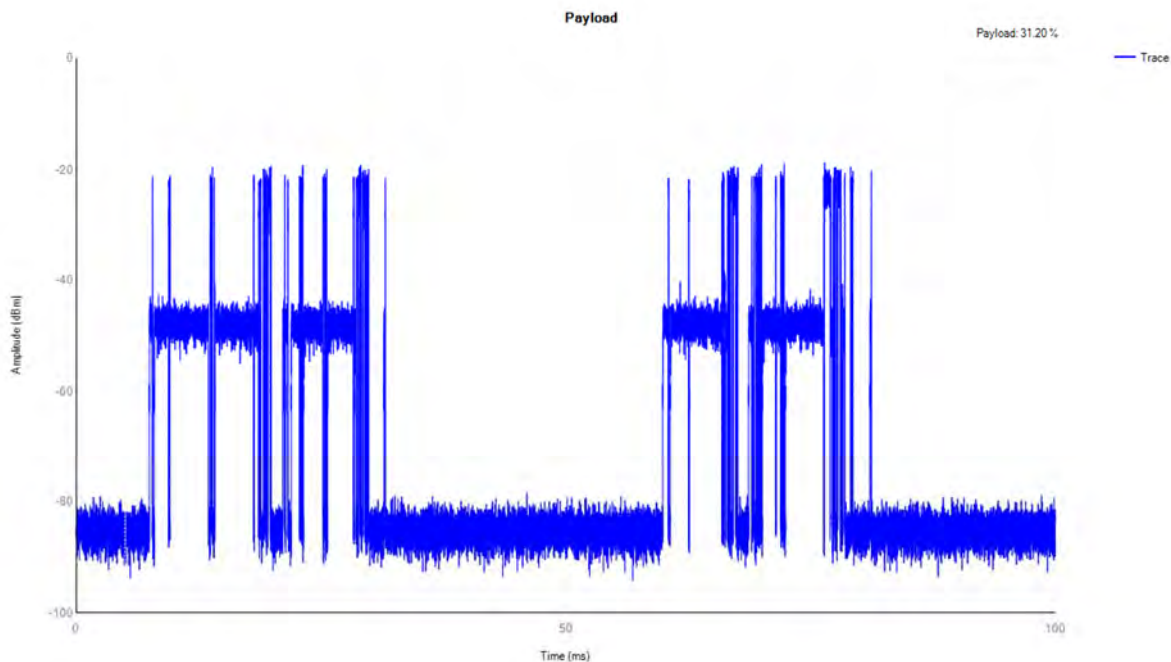
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 3.6V	CW	5180	Ant1	5179.973	-27000	-5.21	25	Pass
20C 3.88V	CW	5180	Ant1	5179.973	-27000	-5.21	25	Pass
20C 4.48V	CW	5180	Ant1	5179.973	-27000	-5.21	25	Pass
0C 3.88V	CW	5180	Ant1	5179.973	-27000	-5.21	25	Pass
10C 3.88V	CW	5180	Ant1	5179.973	-27000	-5.21	25	Pass
35C 3.88V	CW	5180	Ant1	5179.973	-27000	-5.21	25	Pass
20C 3.6V	CW	5260	Ant1	5259.973	-27000	-5.13	25	Pass
20C 3.88V	CW	5260	Ant1	5259.973	-27000	-5.13	25	Pass
20C 4.48V	CW	5260	Ant1	5259.973	-27000	-5.13	25	Pass
0C 3.88V	CW	5260	Ant1	5259.973	-27000	-5.13	25	Pass
10C 3.88V	CW	5260	Ant1	5259.973	-27000	-5.13	25	Pass
35C 3.88V	CW	5260	Ant1	5259.973	-27000	-5.13	25	Pass
20C 3.6V	CW	5500	Ant1	5499.972	-28000	-5.09	25	Pass
20C 3.88V	CW	5500	Ant1	5499.971	-29000	-5.27	25	Pass
20C 4.48V	CW	5500	Ant1	5499.971	-29000	-5.27	25	Pass
0C 3.87V	CW	5500	Ant1	5499.971	-29000	-5.27	25	Pass
10C 3.87V	CW	5500	Ant1	5499.971	-29000	-5.27	25	Pass
20C 3.87V	CW	5500	Ant1	5499.971	-29000	-5.27	25	Pass
35C 3.87V	CW	5500	Ant1	5499.971	-29000	-5.27	25	Pass
20C 3.6V	CW	5745	Ant1	5744.971	-29000	-5.05	25	Pass
20C 3.88V	CW	5745	Ant1	5744.97	-30000	-5.22	25	Pass
20C 4.48V	CW	5745	Ant1	5744.97	-30000	-5.22	25	Pass
0C 3.87V	CW	5745	Ant1	5744.97	-30000	-5.22	25	Pass
10C 3.87V	CW	5745	Ant1	5744.97	-30000	-5.22	25	Pass
20C 3.87V	CW	5745	Ant1	5744.97	-30000	-5.22	25	Pass
35C 3.87V	CW	5745	Ant1	5744.969	-31000	-5.4	25	Pass

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

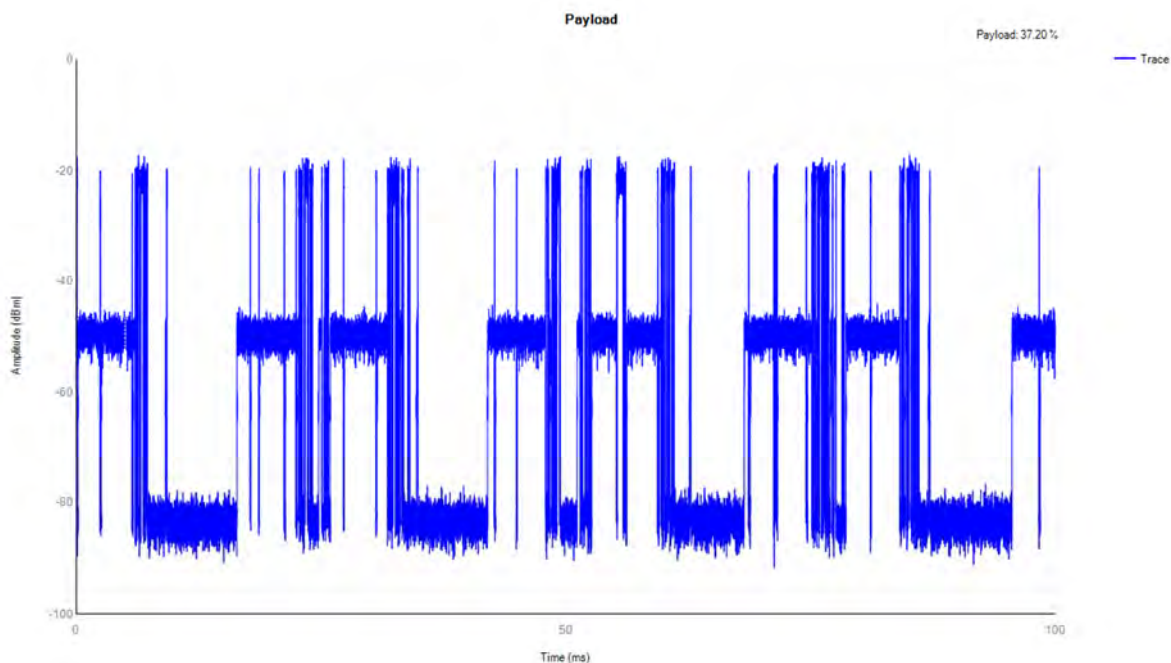
Mode	Frequency (MHz)	Result	Verdict
ac20	5320	31.2	Pass
ac20	5500	37.2	Pass
ac80	5290	51.04	Pass
ac80	5530	59.32	Pass

Test Graphs

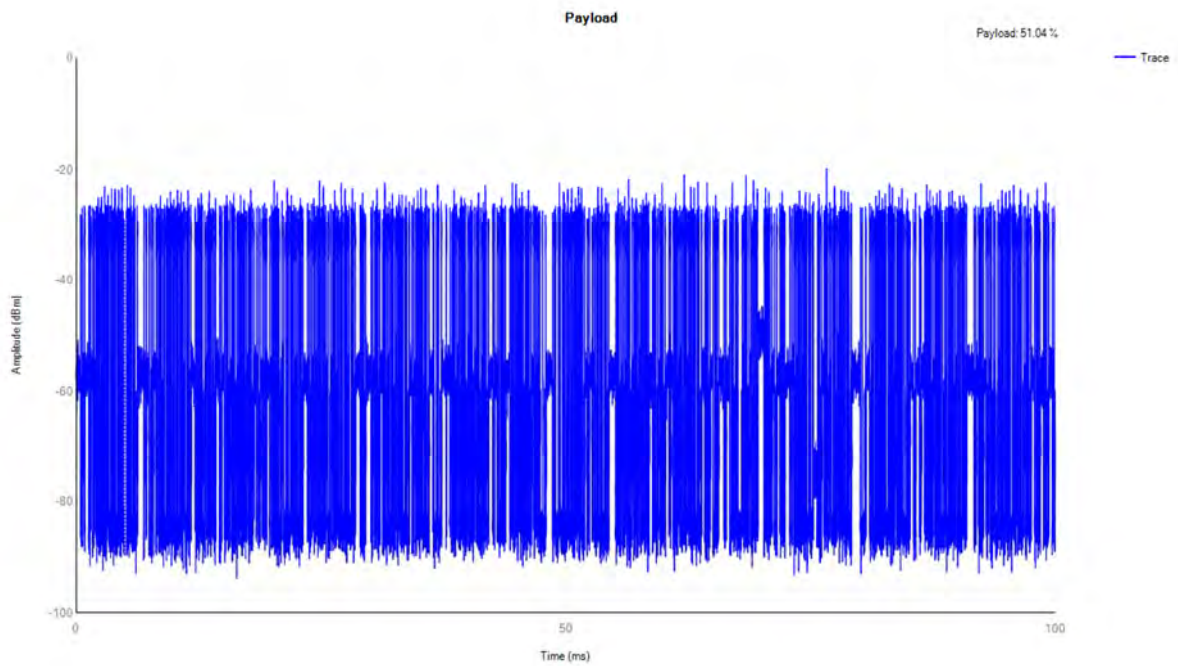
ac20 5320MHz Payload



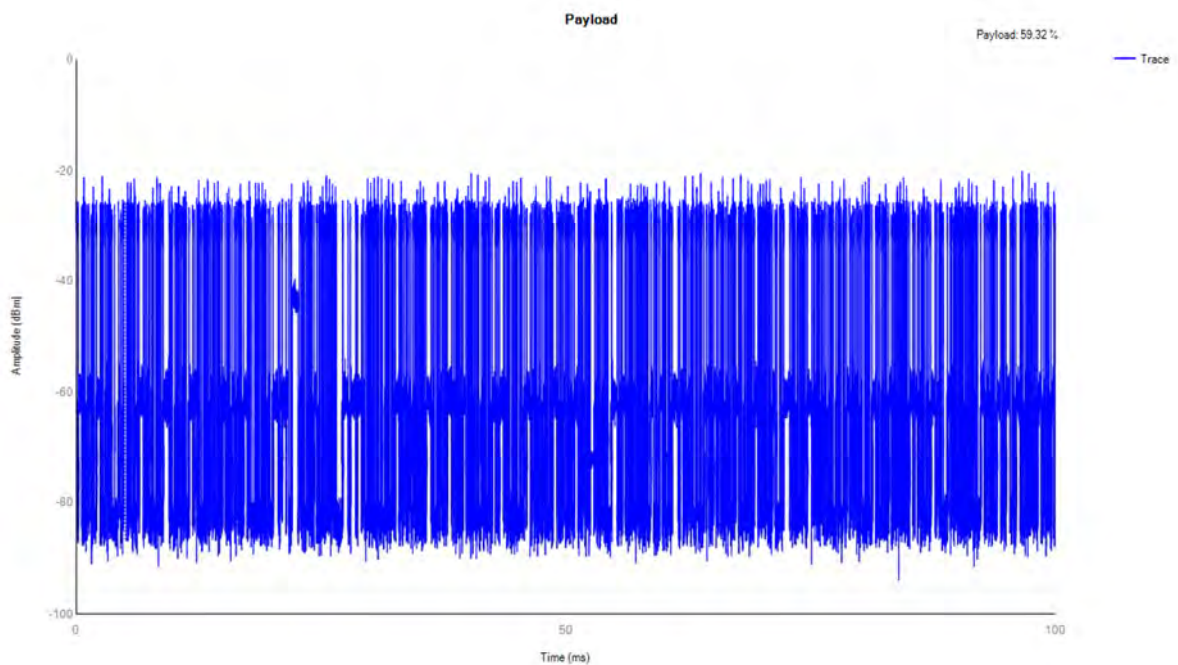
ac20 5500MHz Payload



ac80 5290MHz Payload



ac80 5530MHz Payload



**b) Detection Thresholds**

Mode	Frequency (MHz)	Type	Result	Verdict
ac20	5320	DFS_FCC_T0	See test Graph	Pass
ac20	5500	DFS_FCC_T0	See test Graph	Pass
ac80	5290	DFS_FCC_T0	See test Graph	Pass
ac80	5530	DFS_FCC_T0	See test Graph	Pass

Spectrum analyzer settings:

Span: Zero

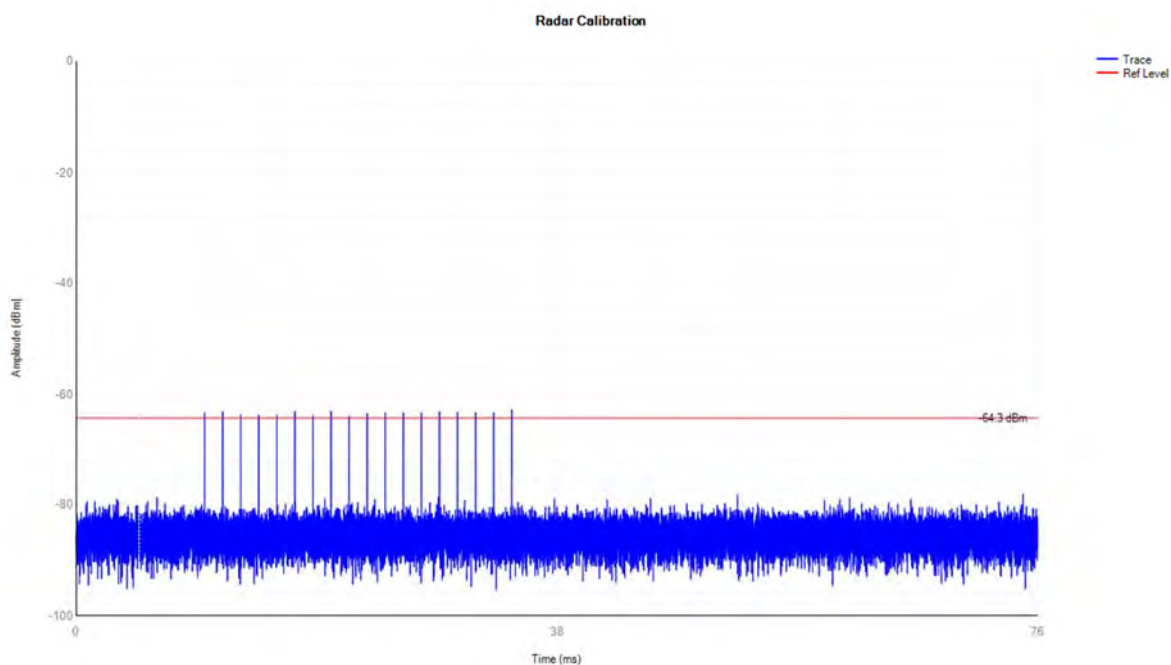
Detector Type: Peak

RBW: 3MHz

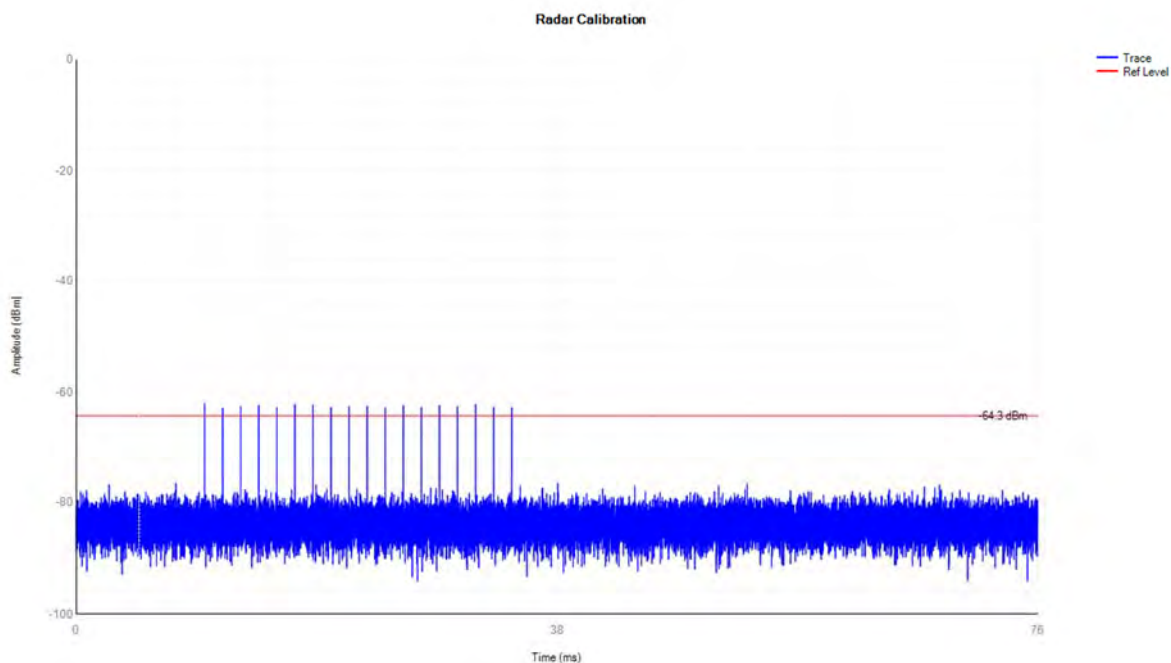
VBW: 3MHz

Test Graphs

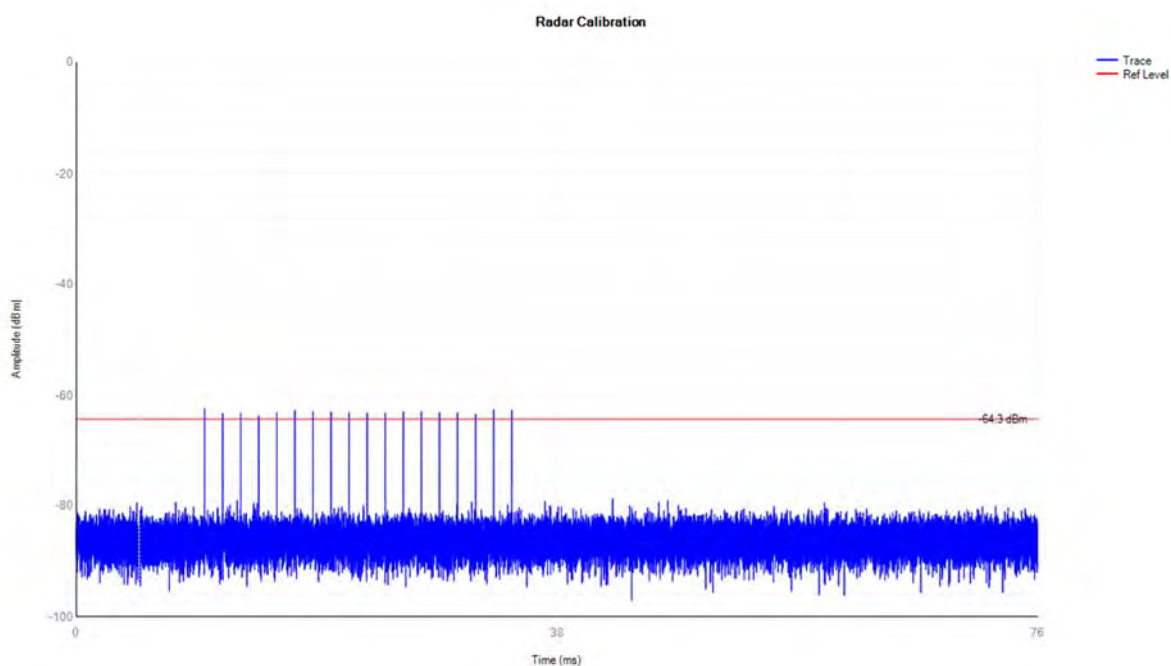
5320MHz DFS_FCC_T0



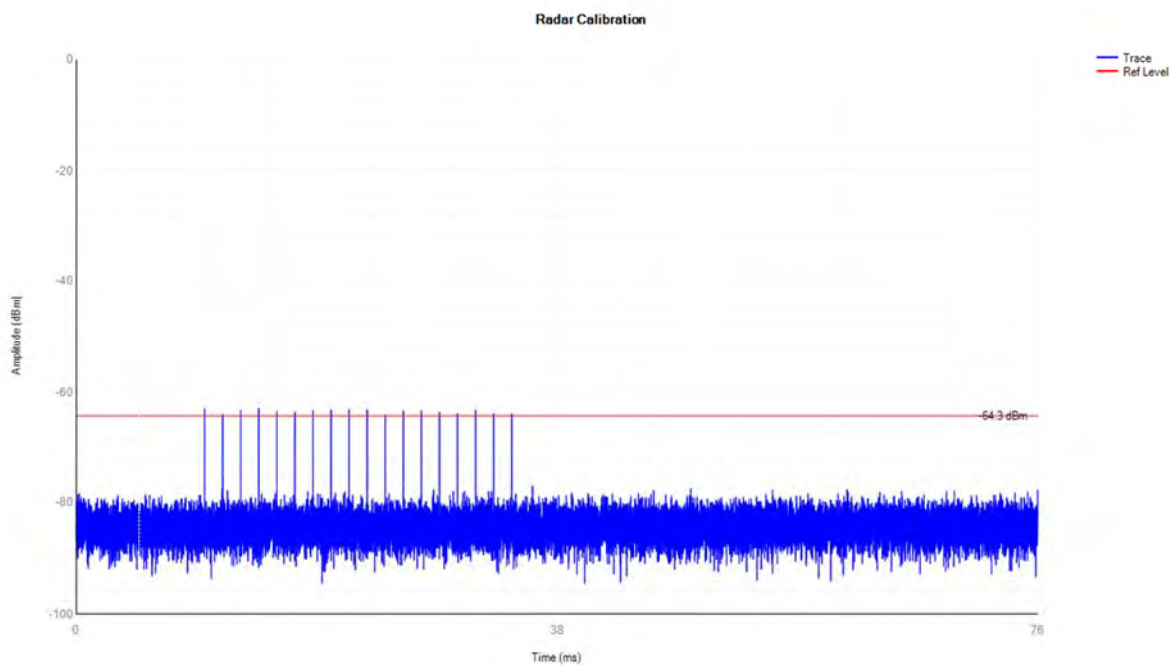
5500MHz DFS_FCC_T0



5290MHz DFS_FCC_T0



5530MHz DFS_FCC_T0





c) 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)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
ac20	5320	0.798	10	0.011	0.26	0.008	0.06	Pass
ac20	5500	0.878	10	0.044	0.26	0.009	0.06	Pass
ac80	5290	0.856	10	0.026	0.26	0.009	0.06	Pass
ac80	5530	0.874	10	0.041	0.26	0.008	0.06	Pass

Spectrum analyzer settings:

Span: Zero

Detector type: Peak

RBW: 3MHz

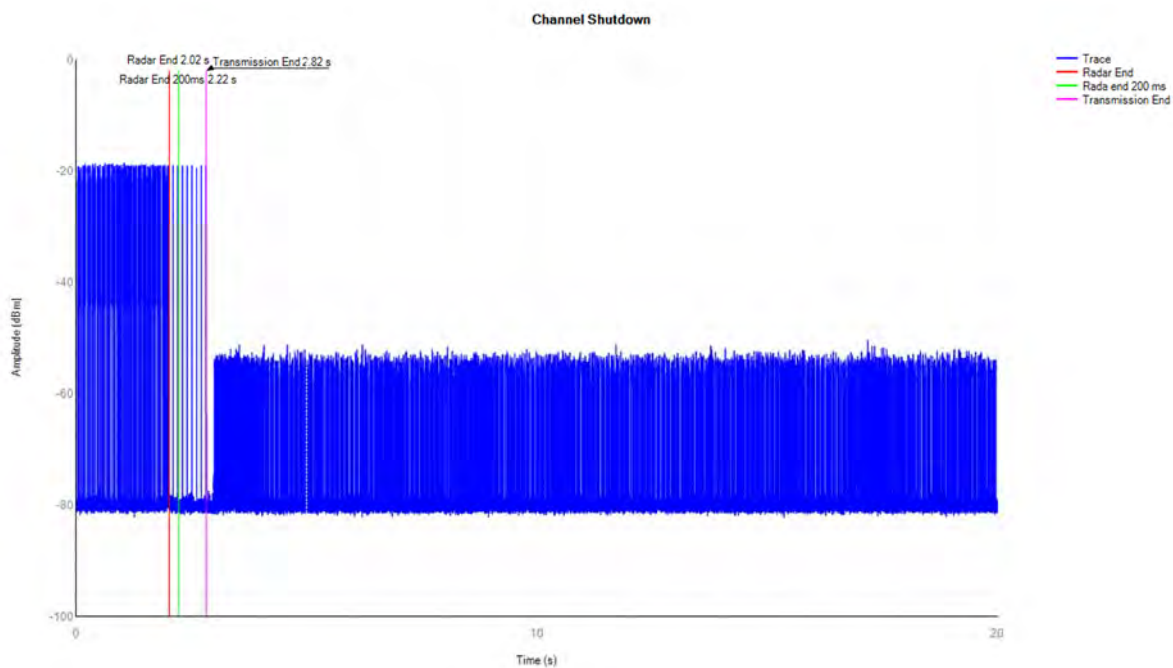
VBW: 3MHz

Sweep time: 20s

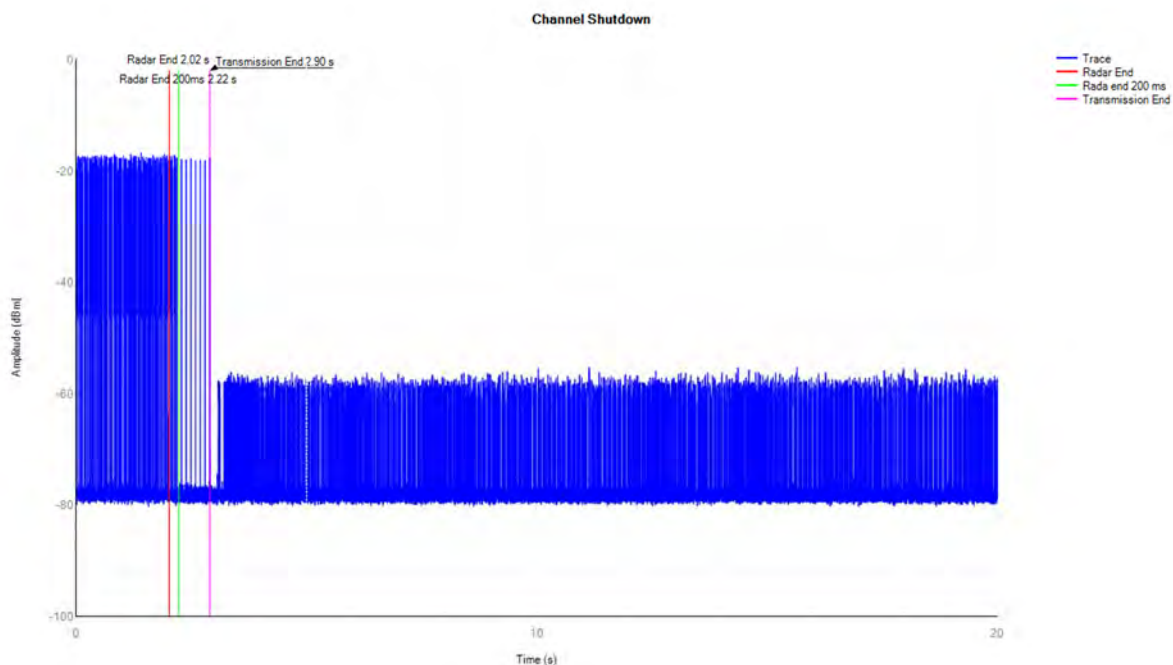


Test Graphs

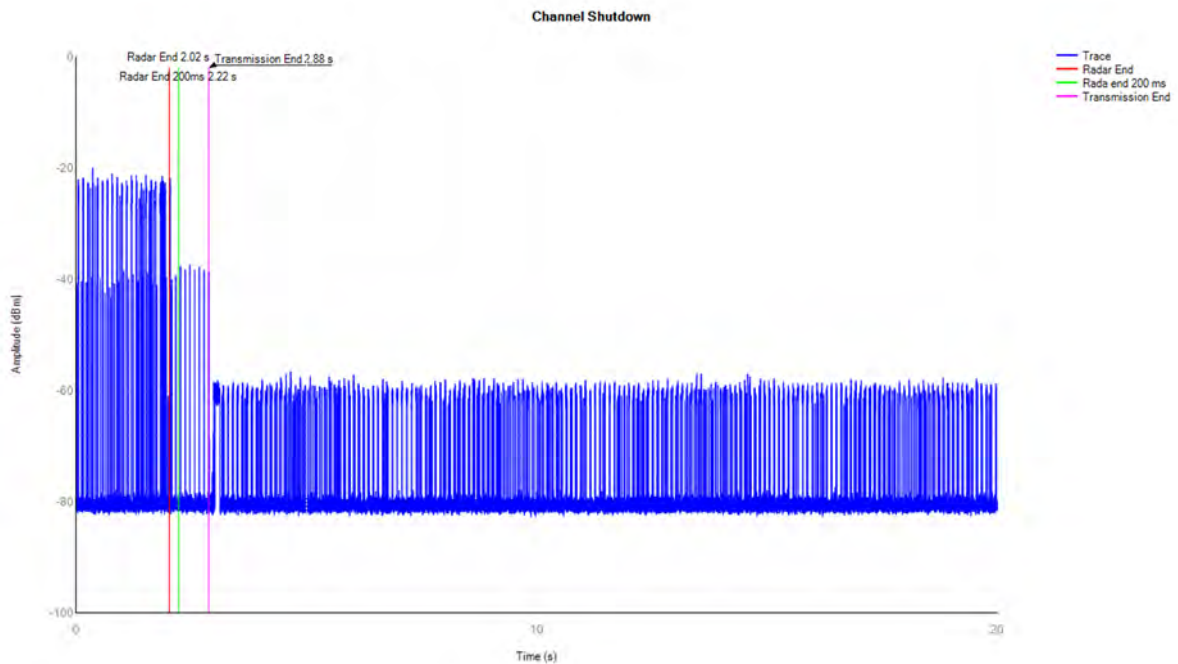
ac20 5320MHz Shutdown



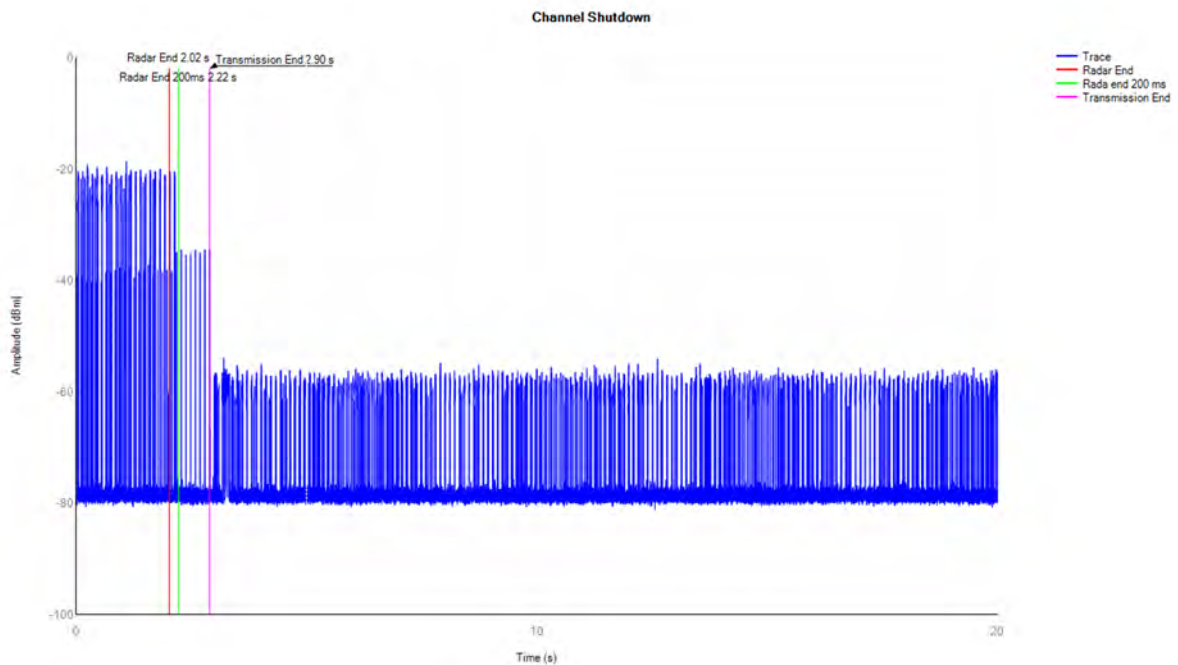
ac20 5500MHz Shutdown



ac80 5290MHz Shutdown



ac80 5530MHz 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.

**d) Non-Occupancy**

Mode	Frequency (MHz)	Result	Verdict
ac20	5320	See test Graph	Pass
ac20	5500	See test Graph	Pass

Spectrum analyzer settings:

Span: Zero

Detector type: Peak

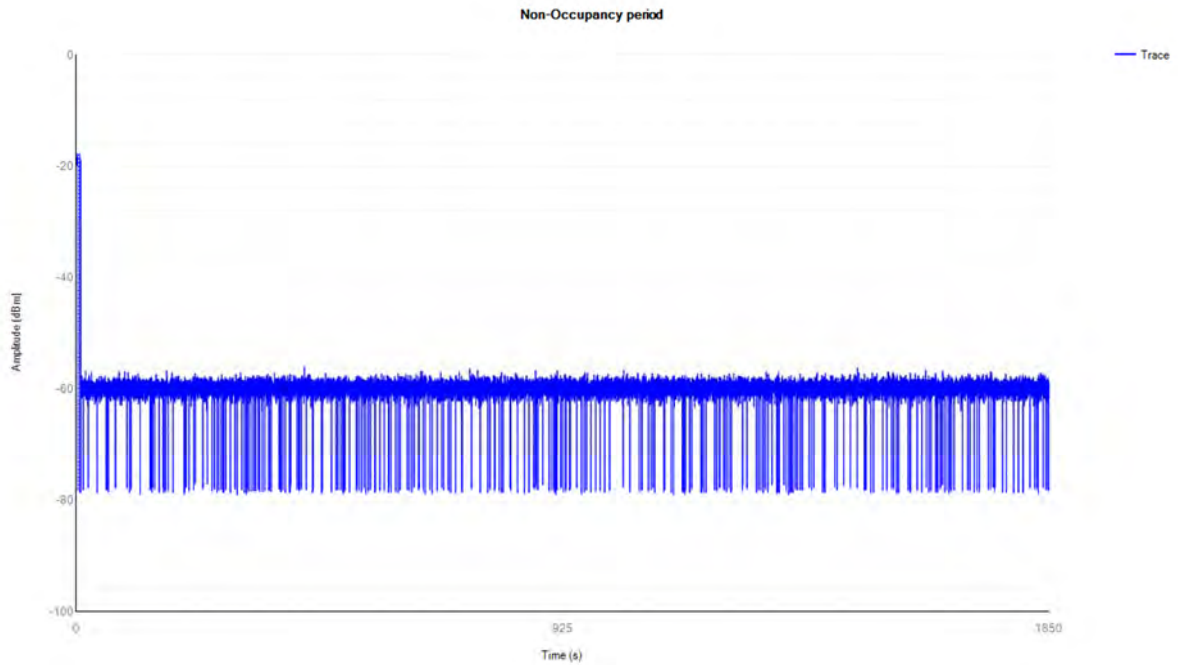
RBW: 3MHz

VBW: 3MHz

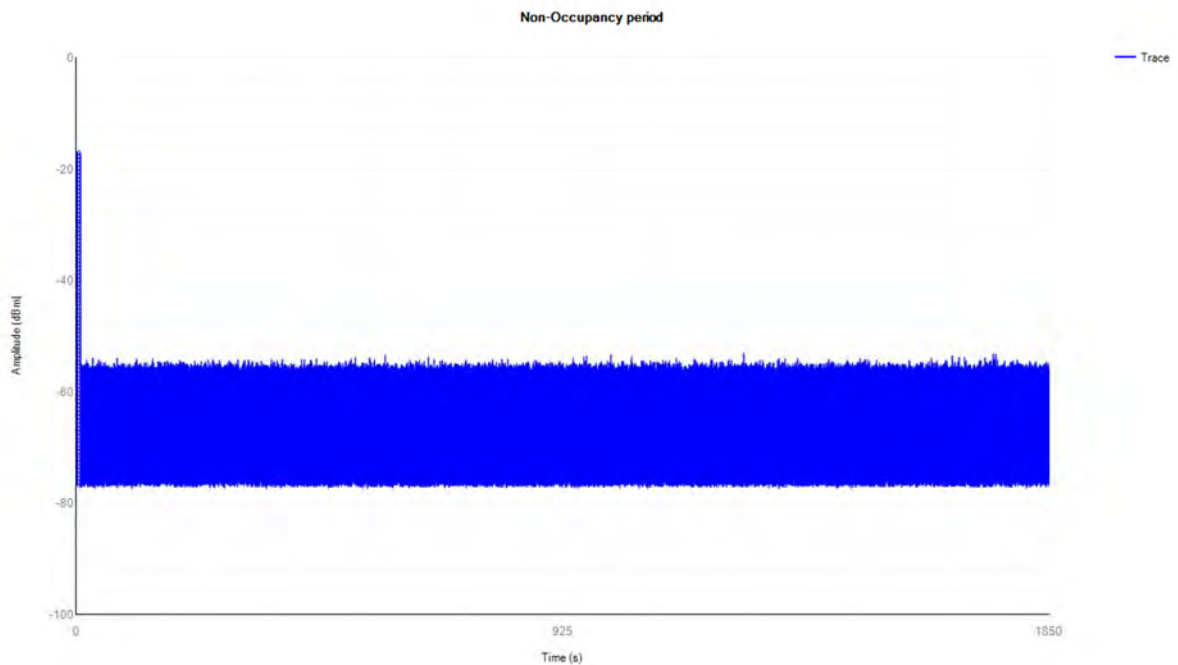
Sweep time: 1850s

Test Graphs

ac20 5320MHz Non-Occupancy



ac20 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+Adapter+Data cable+Earphone+WIFI TX

Test voltage: AC 120V/60Hz

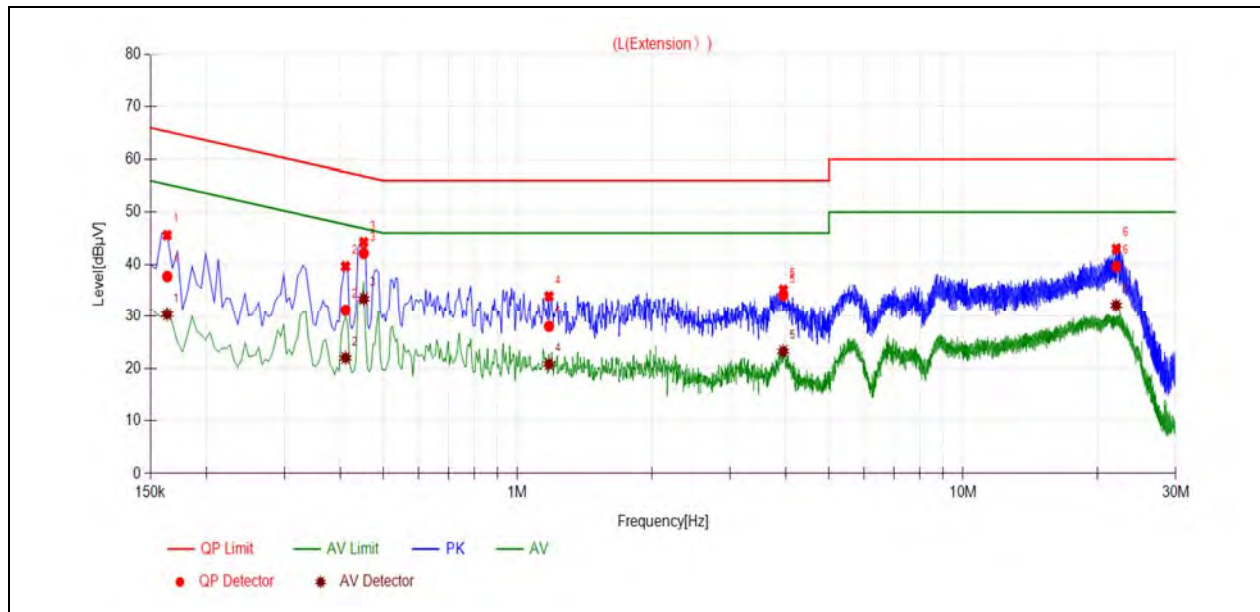
The measurement results are obtained as below:

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

U_R : Receiver Reading

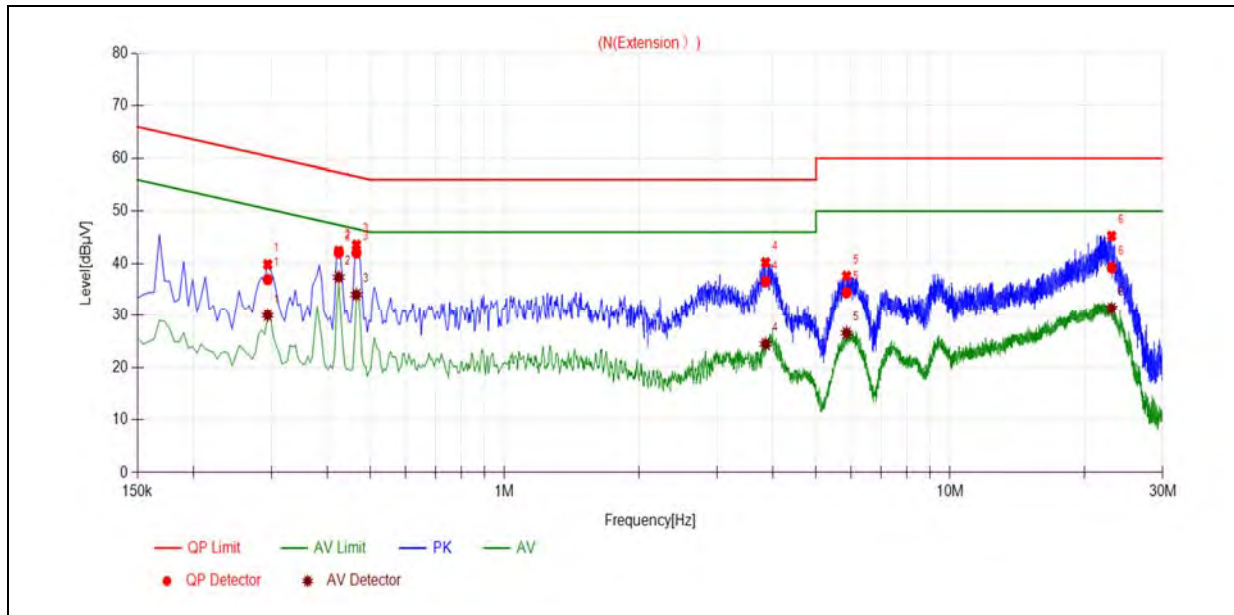
A_{Factor} : Voltage division factor of LISN

B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1635	37.71	30.36	65.28	55.28	Line	PASS
2	0.4110	31.18	21.98	57.63	47.63		PASS
3	0.4515	42.15	33.43	56.85	46.85		PASS
4	1.1761	28.02	20.80	56.00	46.00		PASS
5	3.9481	34.09	23.26	56.00	46.00		PASS
6	22.0580	39.60	32.17	60.00	50.00		PASS



(N Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.2940	36.96	30.00	60.41	50.41	Neutral	PASS
2	0.4245	42.07	37.40	57.36	47.36		PASS
3	0.4650	42.05	34.05	56.60	46.60		PASS
4	3.8533	36.56	24.46	56.00	46.00		PASS
5	5.8559	34.43	26.58	60.00	50.00		PASS
6	23.0396	39.21	31.38	60.00	50.00		PASS

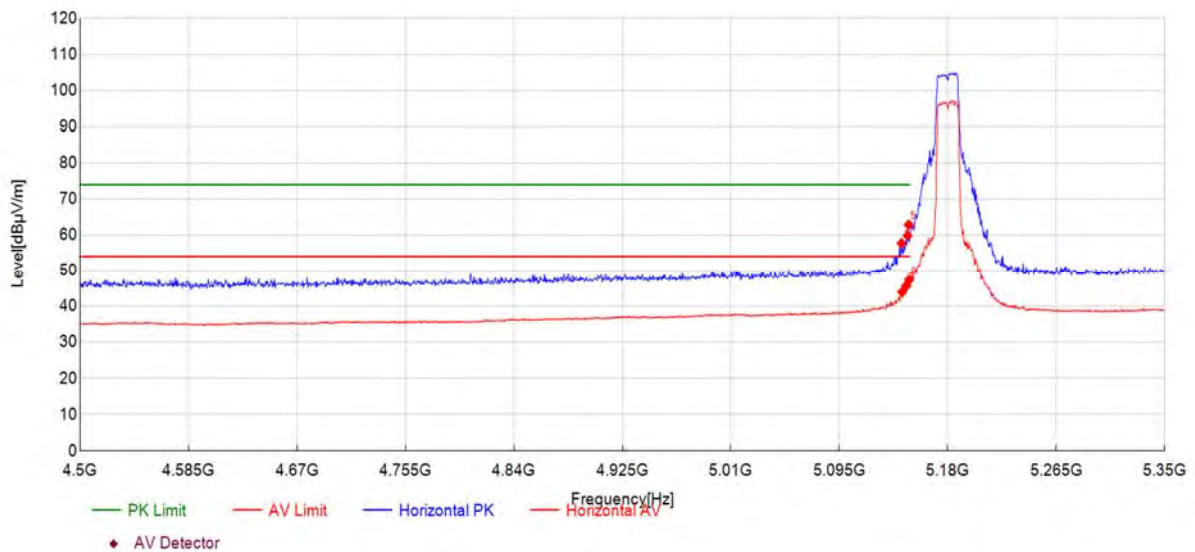
A.8. Restricted Frequency Bands

Note 1: Restricted Frequency Bands were performed when antenna was at vertical and horizontal polarity, and only the worse test condition (Vertical) 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

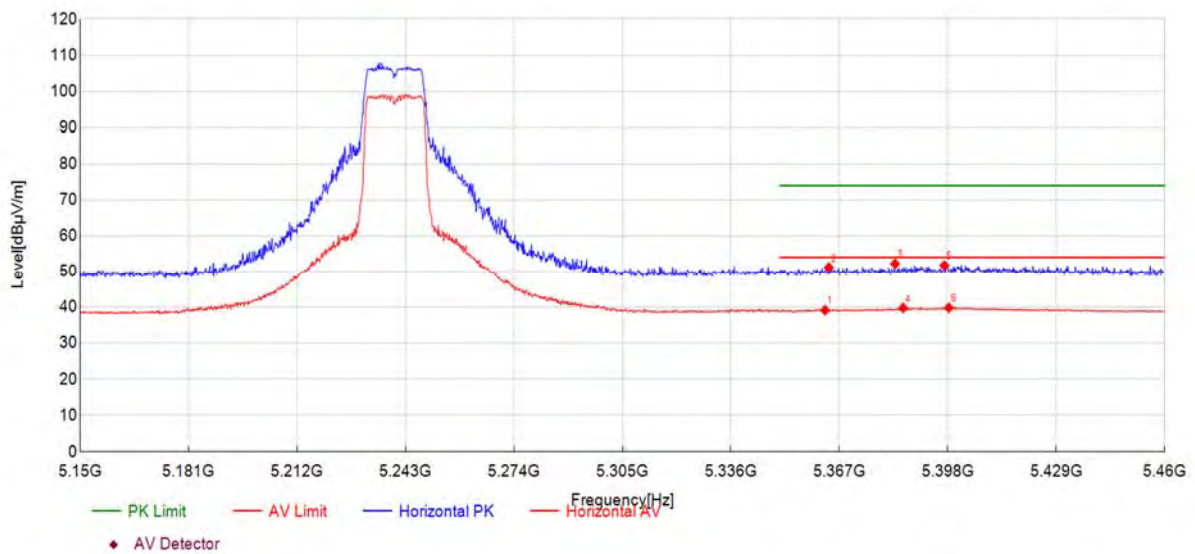
Plot for Channel 36



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5143.77	43.3	57.73	14.480	74.00	16.27	150	39	PK	PASS
5144.20	29.5	43.95	14.490	54.00	10.05	150	39	AV	PASS
5147.17	31.1	45.62	14.540	54.00	8.38	150	39	AV	PASS
5148.45	45.3	59.86	14.560	74.00	14.14	150	39	PK	PASS
5149.30	48.3	62.90	14.580	74.00	11.10	150	44	PK	PASS
5149.72	32.7	47.33	14.590	54.00	6.67	150	39	AV	PASS
5143.77	43.3	57.73	14.480	74.00	16.27	150	39	PK	PASS

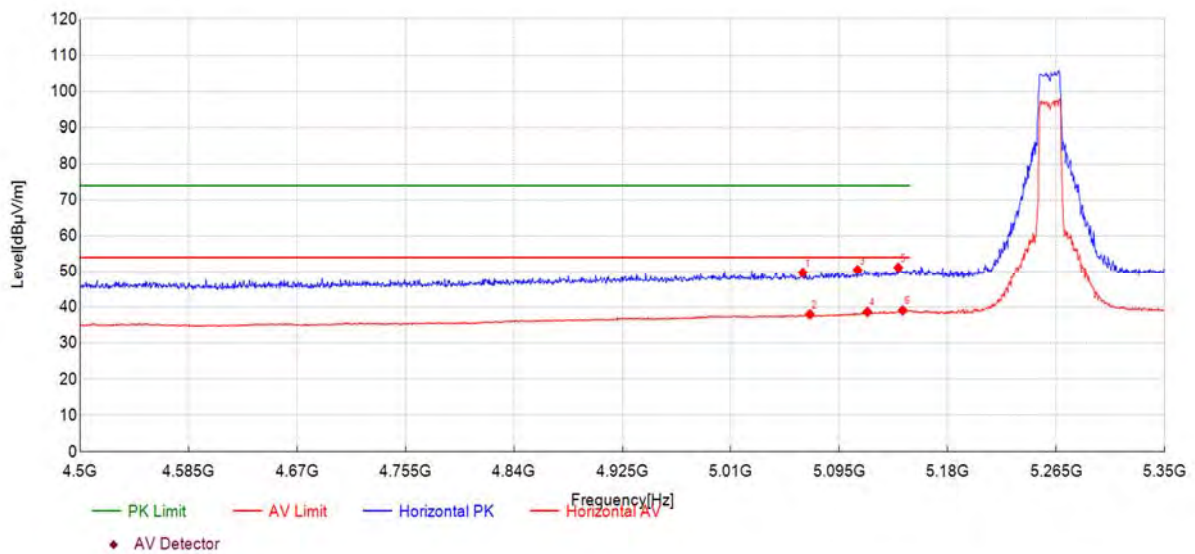


Plot for Channel 48



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5362.92	24.0	39.16	15.160	54.00	14.84	150	10	AV	PASS
5364.01	36.0	51.22	15.180	74.00	22.78	150	68	PK	PASS
5382.93	36.8	52.28	15.440	74.00	21.72	150	6	PK	PASS
5385.25	24.3	39.79	15.470	54.00	14.21	150	39	AV	PASS
5397.04	36.2	51.82	15.640	74.00	22.18	150	111	PK	PASS
5398.28	24.2	39.83	15.660	54.00	14.17	150	30	AV	PASS

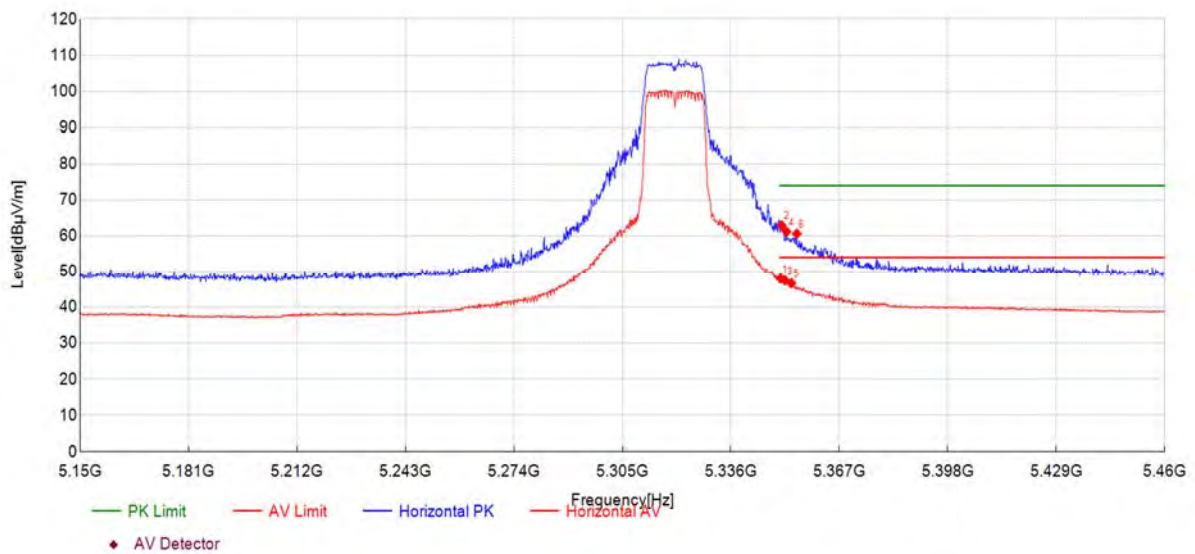
Plot for Channel 52



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5066.38	36.2	49.70	13.510	74.00	24.30	150	59	PK	PASS
5071.91	24.5	38.01	13.540	54.00	15.99	150	44	AV	PASS
5109.33	36.7	50.50	13.850	74.00	23.50	150	262	PK	PASS
5116.98	24.7	38.68	13.990	54.00	15.32	150	49	AV	PASS
5141.22	36.7	51.17	14.430	74.00	22.83	150	3	PK	PASS
5144.62	24.6	39.11	14.490	54.00	14.89	150	39	AV	PASS



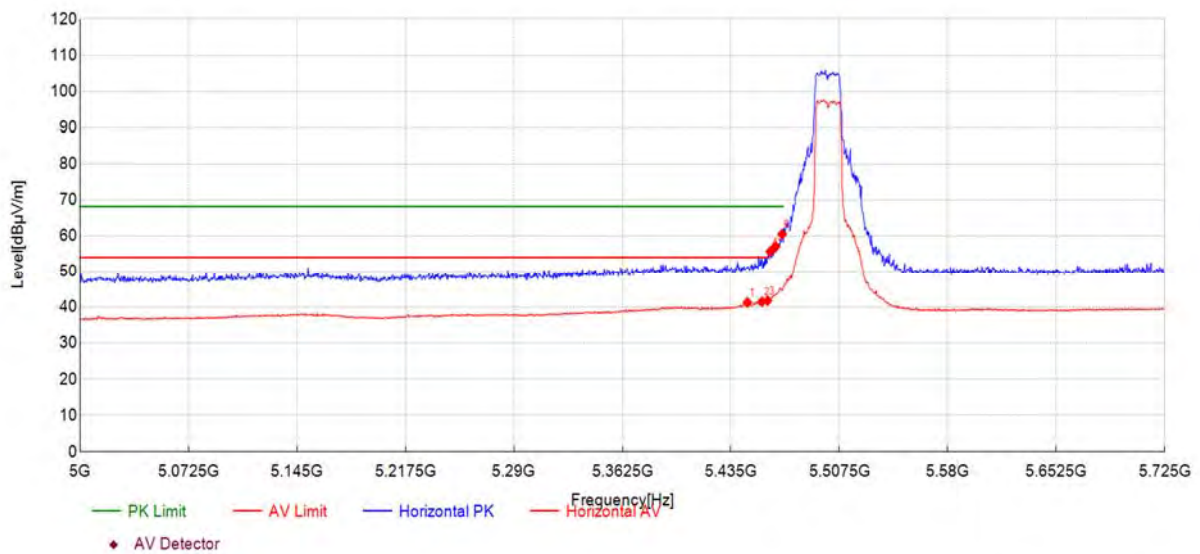
Plot for Channel 64



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5350.21	33.1	48.03	14.980	54.00	5.97	150	11	AV	PASS
5350.52	48.0	62.95	14.990	74.00	11.05	150	49	PK	PASS
5351.45	32.5	47.51	15.000	54.00	6.49	150	39	AV	PASS
5351.91	46.2	61.21	15.010	74.00	12.79	150	39	PK	PASS
5353.31	31.7	46.69	15.030	54.00	7.31	150	39	AV	PASS
5354.86	45.6	60.63	15.050	74.00	13.37	150	178	PK	PASS



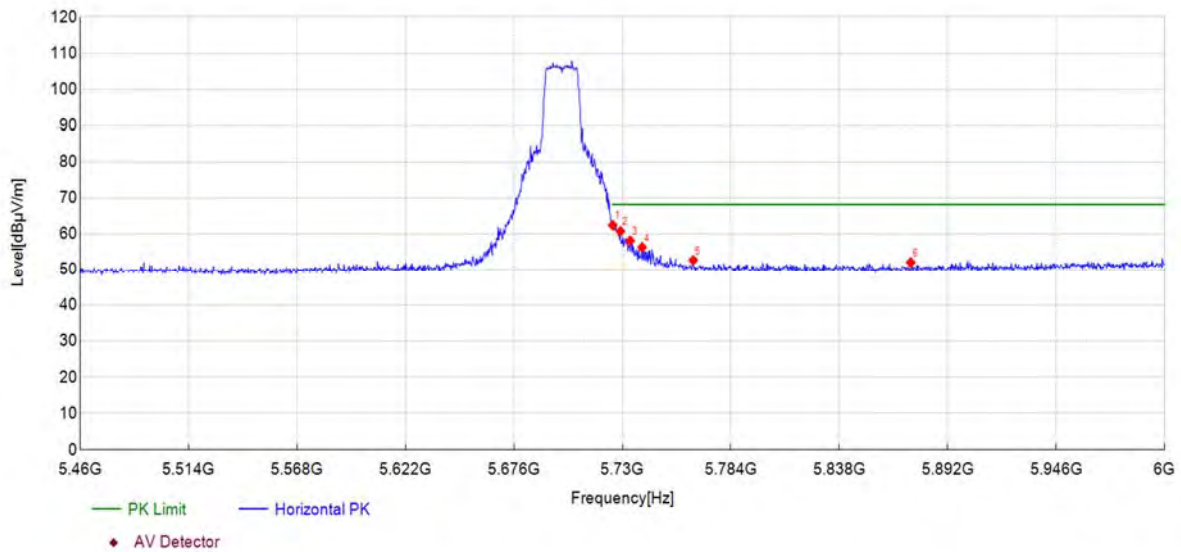
Plot for Channel 100



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5446.10	26.2	41.33	15.120	54.00	12.67	150	31	AV	PASS
5455.89	26.4	41.52	15.090	54.00	12.48	150	0	AV	PASS
5459.52	26.7	41.77	15.110	54.00	12.23	150	31	AV	PASS
5461.33	40.6	55.69	15.110	68.23	12.54	150	0	PK	PASS
5464.96	42.0	57.11	15.130	68.23	11.12	150	26	PK	PASS
5469.31	45.4	60.53	15.140	68.23	7.70	150	226	PK	PASS



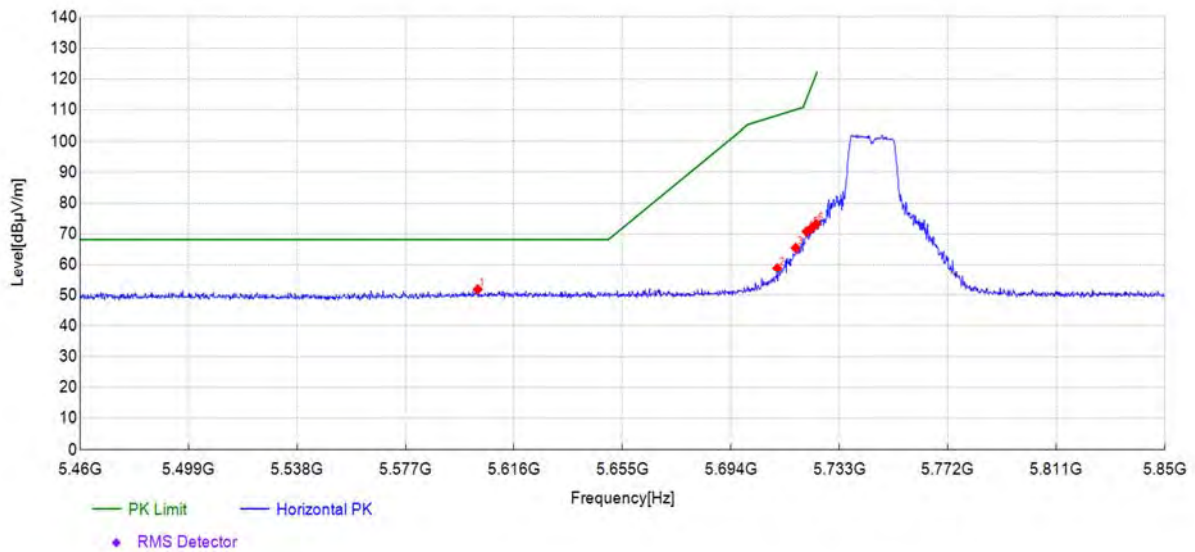
Plot for Channel 140



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5725.27	46.2	62.47	16.250	68.23	5.76	150	166	PK	PASS
5729.05	44.5	60.78	16.250	68.23	7.45	150	39	PK	PASS
5733.92	41.9	58.15	16.260	68.23	10.08	150	166	PK	PASS
5739.86	40.0	56.30	16.280	68.23	11.93	150	170	PK	PASS
5765.25	36.5	52.70	16.200	68.23	15.53	150	166	PK	PASS
5873.58	36.0	52.09	16.050	68.23	16.14	150	186	PK	PASS

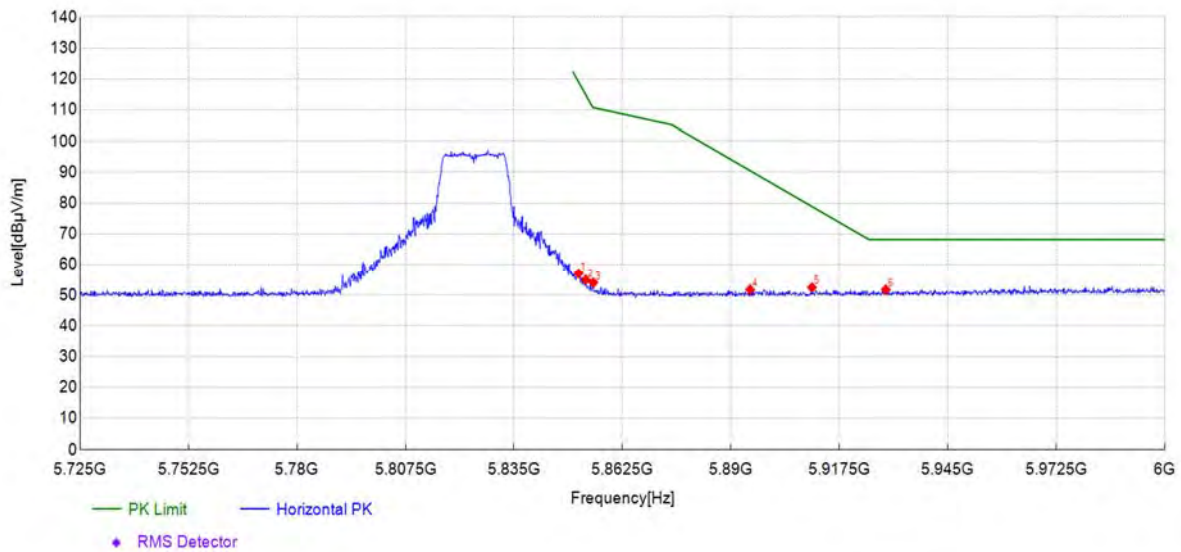


Plot for Channel 149



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5603.01	35.9	51.76	15.910	68.23	16.47	150	3	PK	PASS
5710.70	42.7	58.87	16.220	108.23	49.36	150	242	PK	PASS
5717.33	49.3	65.50	16.240	110.08	44.58	150	115	PK	PASS
5721.24	54.6	70.82	16.240	113.65	42.83	150	246	PK	PASS
5722.99	55.6	71.83	16.240	117.65	45.82	150	234	PK	PASS
5724.75	57.0	73.24	16.250	121.65	48.41	150	242	PK	PASS

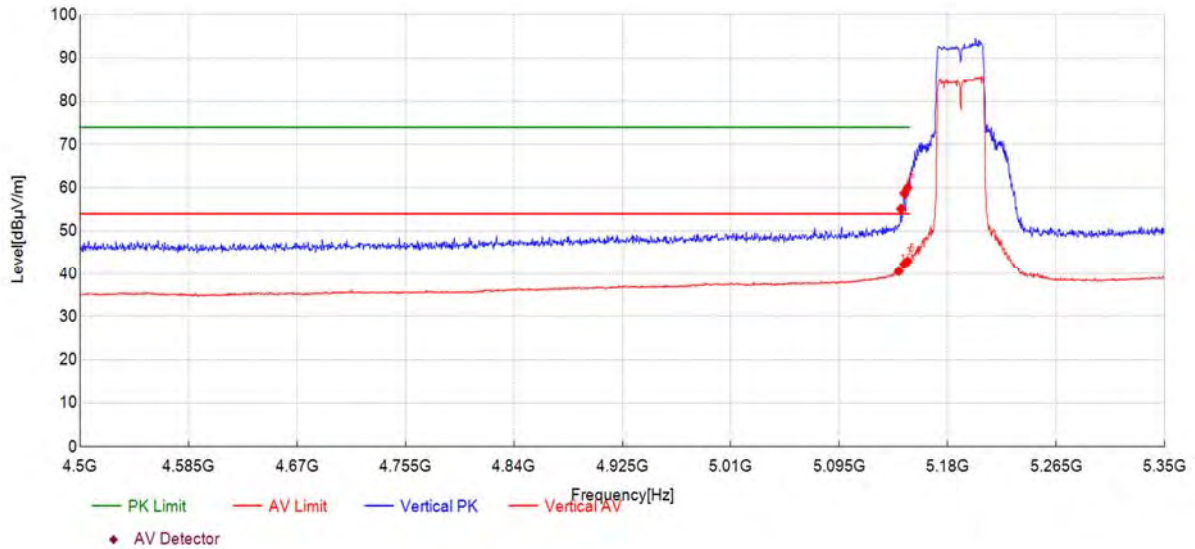
Plot for Channel 165



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5851.43	41.0	57.01	15.980	118.98	61.97	150	333	PK	PASS
5853.21	39.0	54.94	15.980	114.90	59.96	150	220	PK	PASS
5855.14	38.0	53.99	15.990	110.79	56.80	150	105	PK	PASS
5894.90	35.6	51.70	16.130	90.51	38.81	150	84	PK	PASS
5910.58	36.2	52.43	16.230	78.90	26.47	150	177	PK	PASS
5929.29	35.3	51.71	16.390	68.23	16.52	150	270	PK	PASS

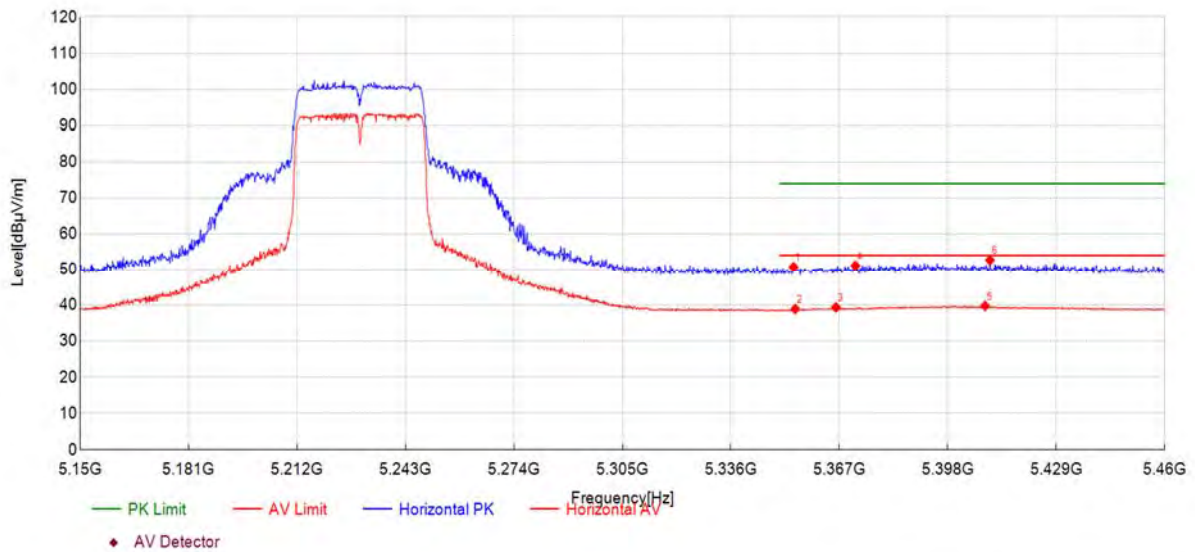
**802.11n (HT40) Mode**

Plot for Channel 38



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5141.65	26.2	40.59	14.440	54.00	13.41	150	49	AV	PASS
5143.35	40.6	55.11	14.470	74.00	18.89	150	54	PK	PASS
5145.90	27.8	42.28	14.520	54.00	11.72	150	49	AV	PASS
5145.90	44.2	58.71	14.520	74.00	15.29	150	54	PK	PASS
5148.45	28.3	42.90	14.560	54.00	11.10	150	49	AV	PASS
5148.45	45.4	59.99	14.560	74.00	14.01	150	59	PK	PASS

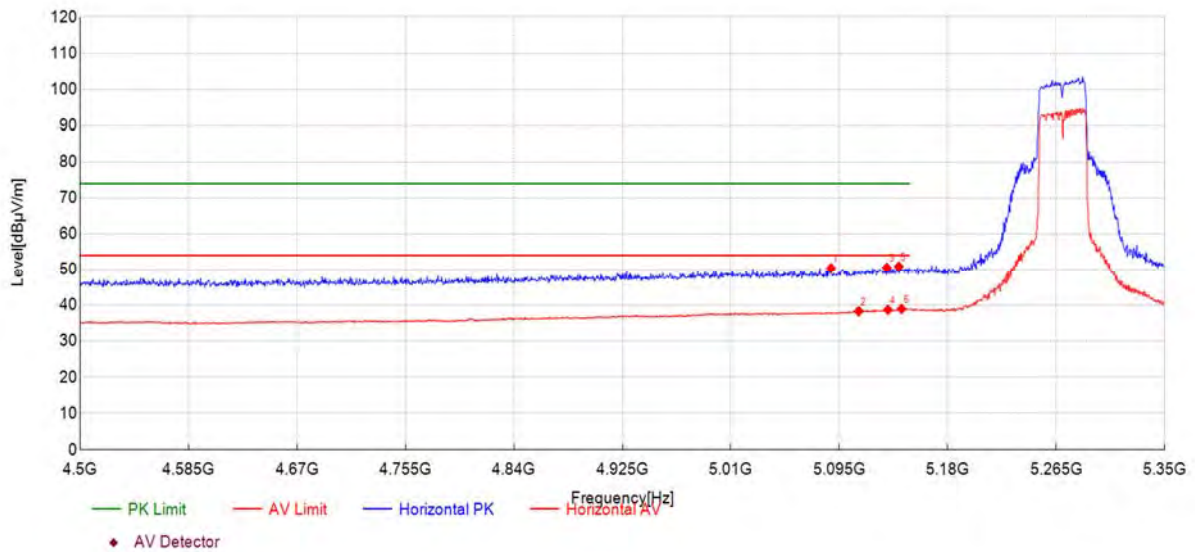
Plot for Channel 46



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5353.93	35.8	50.78	15.030	74.00	23.22	150	57	PK	PASS
5354.39	23.9	38.95	15.040	54.00	15.05	150	190	AV	PASS
5366.02	24.2	39.39	15.200	54.00	14.61	150	38	AV	PASS
5371.61	35.9	51.16	15.280	74.00	22.84	150	152	PK	PASS
5408.67	24.2	39.78	15.570	54.00	14.22	150	242	AV	PASS
5410.07	37.2	52.75	15.560	74.00	21.25	150	355	PK	PASS



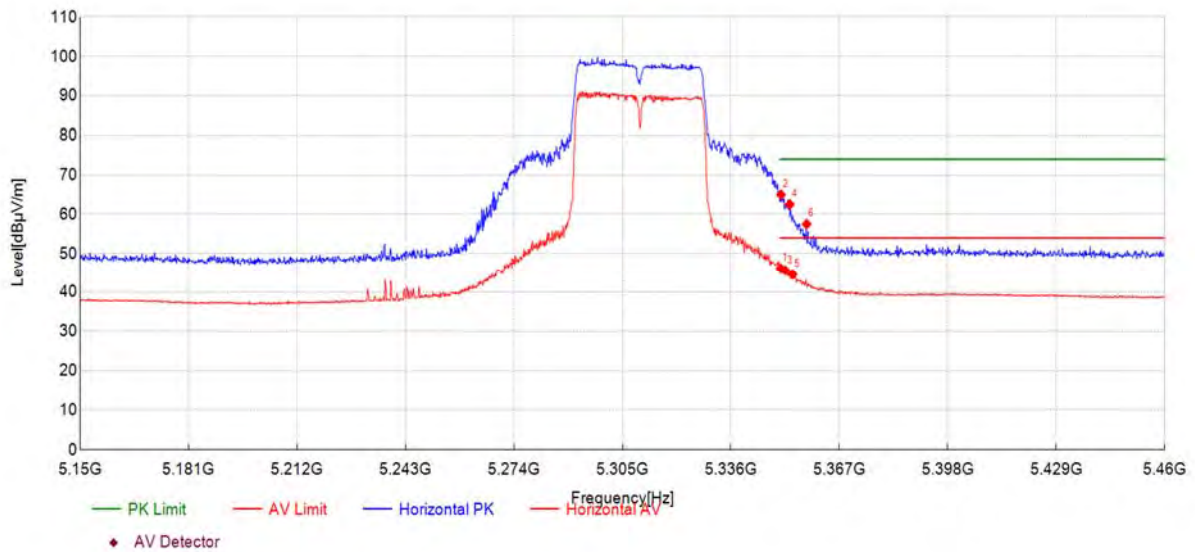
Plot for Channel 54



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5088.49	36.8	50.41	13.630	74.00	23.59	150	3	PK	PASS
5110.18	24.5	38.33	13.860	54.00	15.67	150	40	AV	PASS
5132.29	36.3	50.55	14.270	74.00	23.45	150	130	PK	PASS
5133.14	24.4	38.72	14.290	54.00	15.28	150	35	AV	PASS
5141.65	36.5	50.91	14.440	74.00	23.09	150	40	PK	PASS
5143.77	24.5	38.97	14.480	54.00	15.03	150	97	AV	PASS



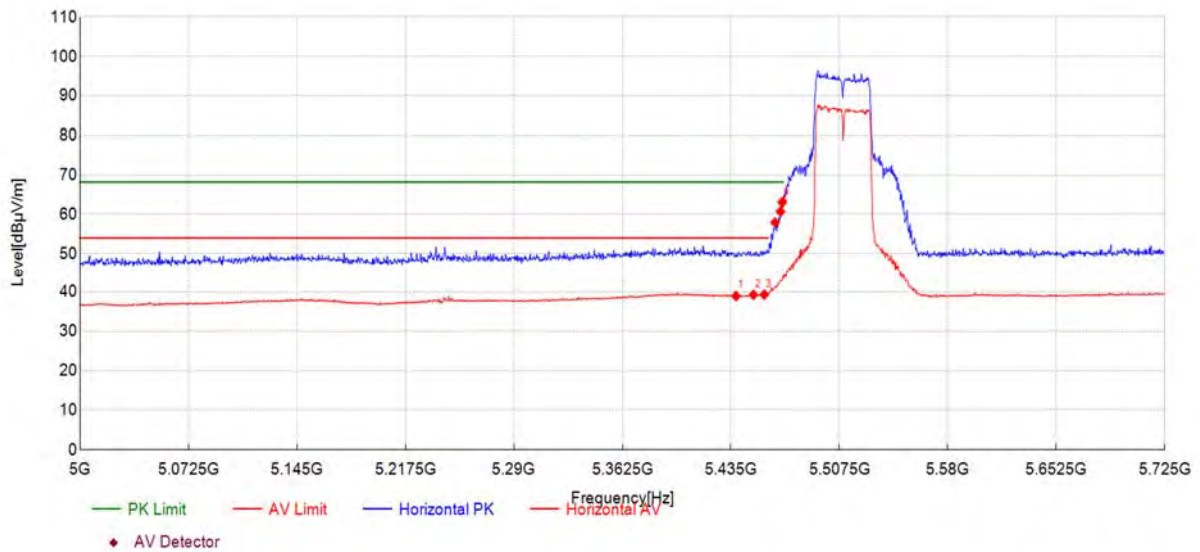
Plot for Channel 62



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5350.21	31.2	46.18	14.980	54.00	7.82	150	38	AV	PASS
5350.36	50.0	65.01	14.990	74.00	8.99	150	38	PK	PASS
5351.60	30.6	45.62	15.000	54.00	8.38	150	43	AV	PASS
5352.84	47.5	62.55	15.020	74.00	11.45	150	38	PK	PASS
5353.62	29.6	44.63	15.030	54.00	9.37	150	38	AV	PASS
5357.65	42.4	57.52	15.090	74.00	16.48	150	48	PK	PASS



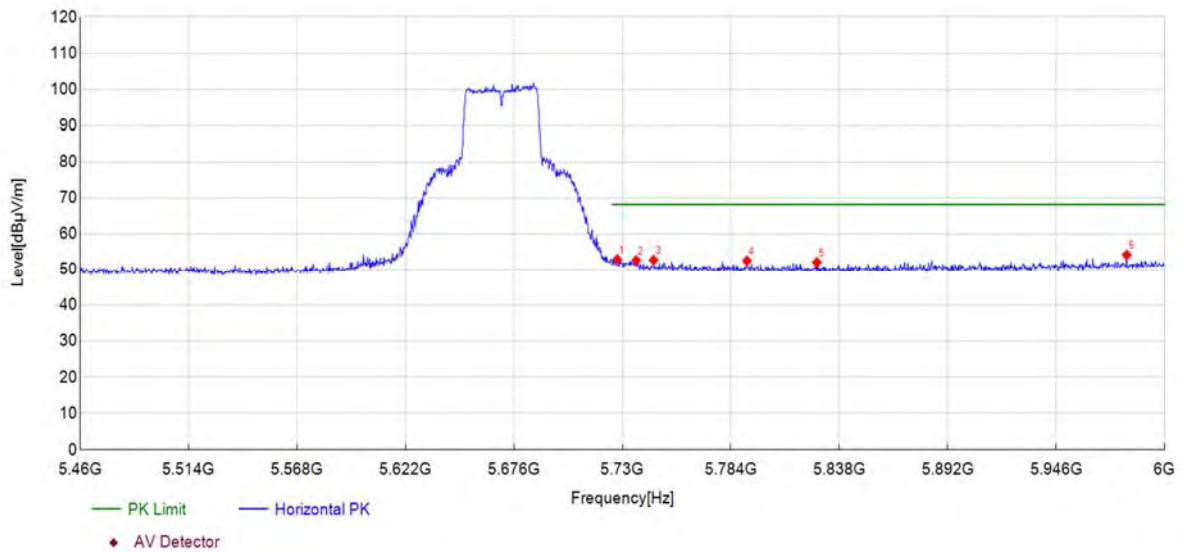
Plot for Channel 102



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5438.48	23.8	38.99	15.210	54.00	15.01	150	307	AV	PASS
5450.09	24.2	39.29	15.070	54.00	14.71	150	260	AV	PASS
5457.34	24.3	39.36	15.100	54.00	14.64	150	43	AV	PASS
5464.59	42.9	57.98	15.130	68.23	10.25	150	34	PK	PASS
5468.22	45.6	60.73	15.140	68.23	7.50	150	48	PK	PASS
5469.31	48.0	63.10	15.140	68.23	5.13	150	236	PK	PASS



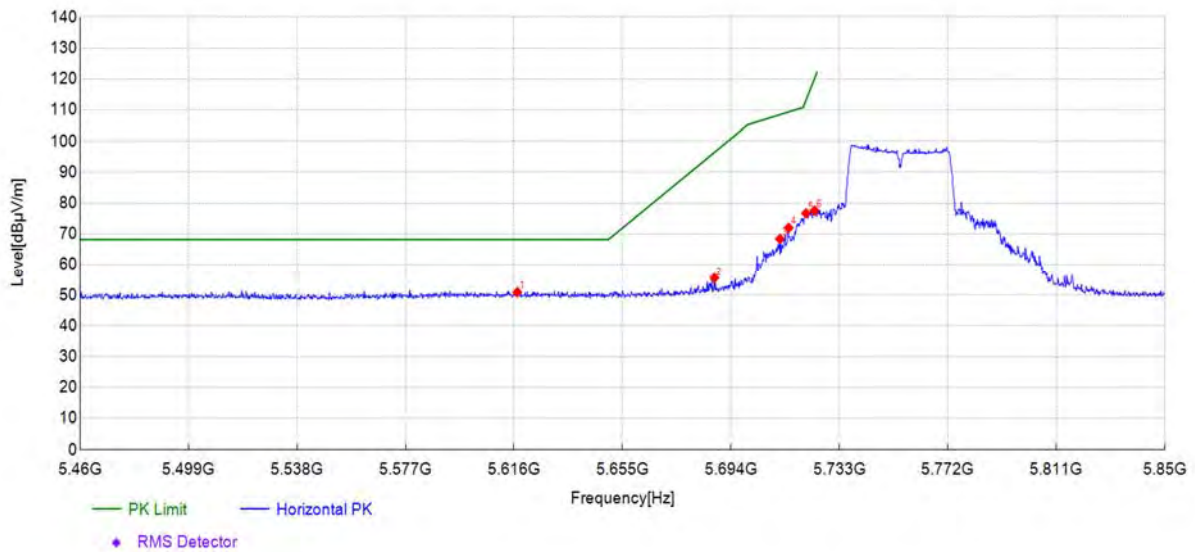
Plot for Channel 134



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5727.43	36.7	52.94	16.260	68.23	15.29	150	166	PK	PASS
5736.89	36.4	52.70	16.270	68.23	15.53	150	166	PK	PASS
5745.53	36.5	52.77	16.290	68.23	15.46	150	352	PK	PASS
5792.00	36.5	52.57	16.040	68.23	15.66	150	158	PK	PASS
5826.84	36.2	52.13	15.980	68.23	16.10	150	9	PK	PASS
5981.09	37.3	54.21	16.920	68.23	14.02	150	39	PK	PASS



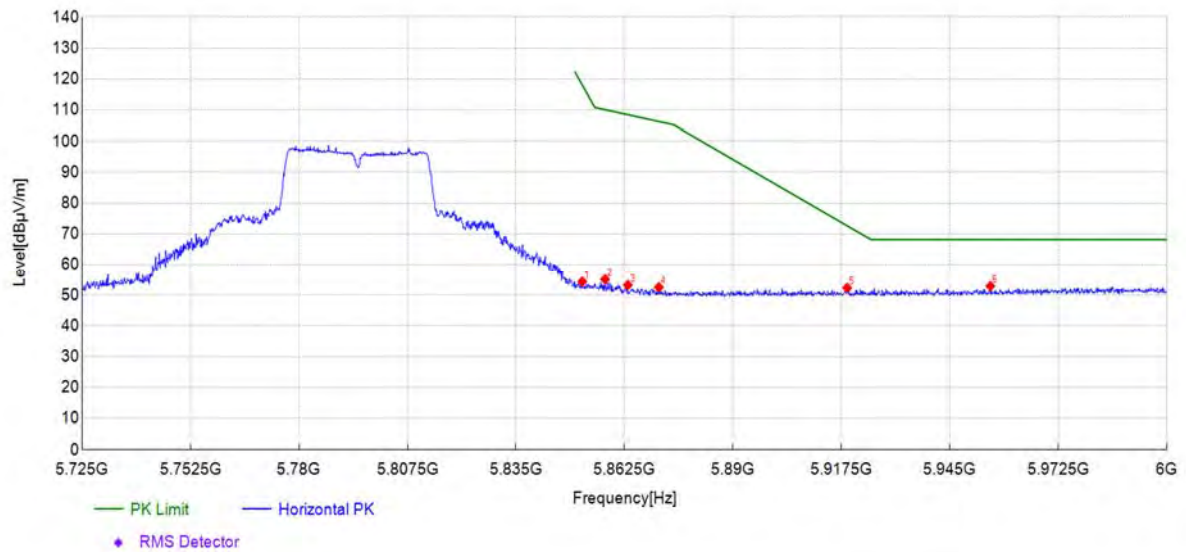
Plot for Channel 151



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5617.25	35.0	50.86	15.870	68.23	17.37	150	3	PK	PASS
5688.07	39.4	55.49	16.110	96.40	40.91	150	258	PK	PASS
5711.68	52.2	68.41	16.230	108.50	40.09	150	237	PK	PASS
5714.80	55.8	72.01	16.230	109.37	37.36	150	123	PK	PASS
5721.04	60.5	76.71	16.240	113.20	36.49	150	115	PK	PASS
5724.16	61.4	77.59	16.240	120.32	42.73	150	119	PK	PASS



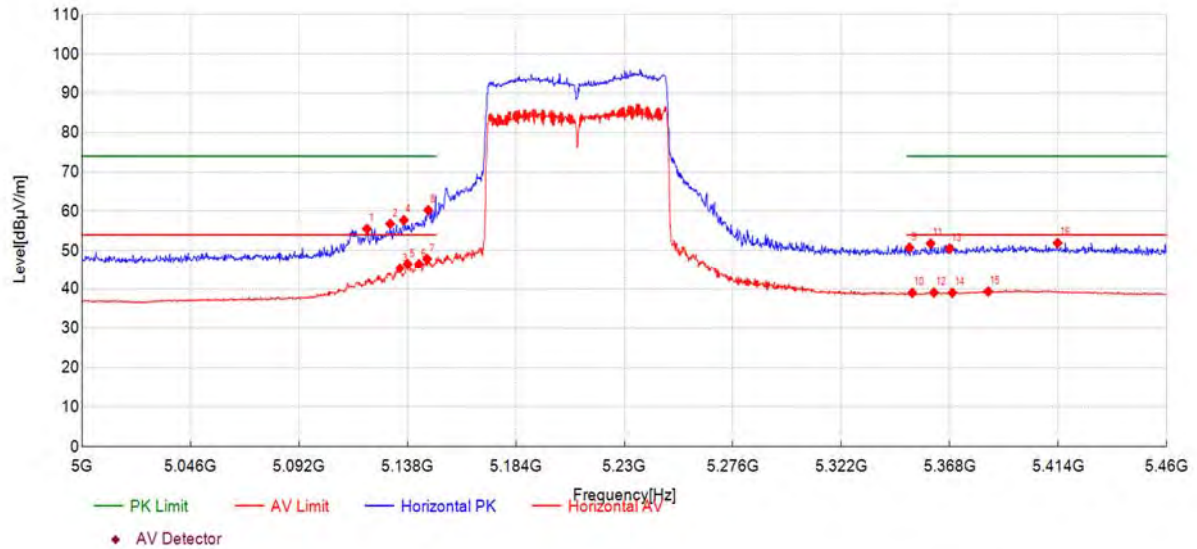
Plot for Channel 159



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5851.84	38.3	54.31	15.980	118.04	63.73	150	219	PK	PASS
5857.62	39.1	55.09	16.000	110.10	55.01	150	114	PK	PASS
5863.39	37.2	53.19	16.010	108.48	55.29	150	236	PK	PASS
5871.24	36.4	52.42	16.040	106.28	53.86	150	119	PK	PASS
5918.97	35.9	52.23	16.300	72.69	20.46	150	1	PK	PASS
5955.29	36.3	52.86	16.610	68.23	15.37	150	76	PK	PASS

**802.11ac (VHT80) Mode**

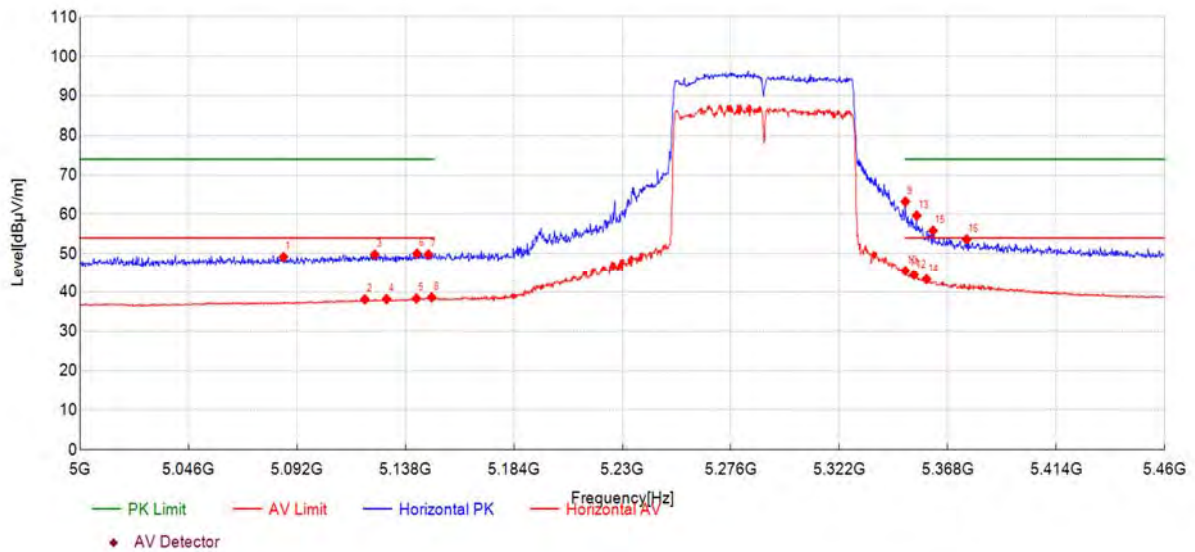
Plot for Channel 42



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5120.81	41.5	55.55	14.050	74.00	18.45	150	45	PK	PASS
5130.71	42.6	56.82	14.240	74.00	17.18	150	40	PK	PASS
5134.85	31.1	45.43	14.320	54.00	8.57	150	45	AV	PASS
5136.46	43.4	57.77	14.350	74.00	16.23	150	45	PK	PASS
5138.07	32.2	46.55	14.380	54.00	7.45	150	40	AV	PASS
5142.90	32.1	46.53	14.460	54.00	7.47	150	40	AV	PASS
5146.35	33.4	47.90	14.520	54.00	6.10	150	40	AV	PASS
5146.81	45.8	60.31	14.530	74.00	13.69	150	40	PK	PASS
5350.93	35.8	50.76	14.990	74.00	23.24	150	338	PK	PASS
5352.08	24.0	39.04	15.010	54.00	14.96	150	40	AV	PASS
5359.90	36.7	51.82	15.120	74.00	22.18	150	178	PK	PASS
5361.28	23.9	39.08	15.140	54.00	14.92	150	12	AV	PASS
5367.95	35.3	50.53	15.230	74.00	23.47	150	88	PK	PASS
5369.10	23.8	39.05	15.250	54.00	14.95	150	40	AV	PASS
5384.29	23.9	39.36	15.460	54.00	14.64	150	305	AV	PASS



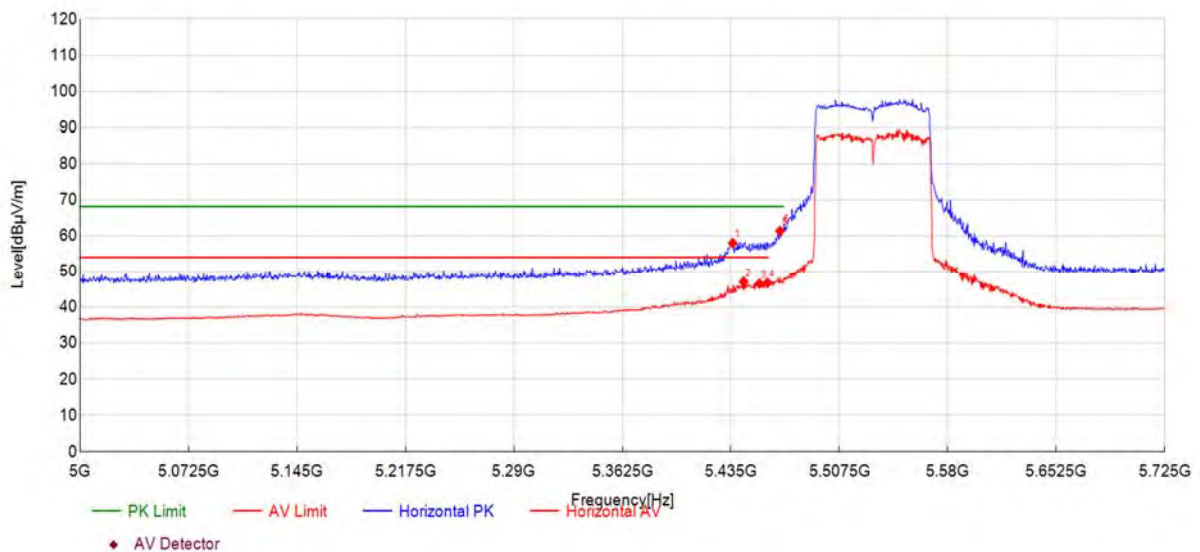
Plot for Channel 58



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5086.29	35.5	49.15	13.610	74.00	24.85	150	251	PK	PASS
5120.81	24.1	38.14	14.050	54.00	15.86	150	76	AV	PASS
5124.95	35.6	49.76	14.130	74.00	24.24	150	5	PK	PASS
5130.02	24.0	38.22	14.230	54.00	15.78	150	179	AV	PASS
5142.67	23.9	38.37	14.460	54.00	15.63	150	1	AV	PASS
5142.90	35.6	50.01	14.460	74.00	23.99	150	274	PK	PASS
5147.73	35.3	49.80	14.550	74.00	24.20	150	357	PK	PASS
5149.11	24.1	38.64	14.570	54.00	15.36	150	1	AV	PASS
5350.01	48.3	63.27	14.980	74.00	10.73	150	1	PK	PASS
5350.01	30.5	45.52	14.980	54.00	8.48	150	357	AV	PASS
5350.93	29.8	44.82	14.990	54.00	9.18	150	357	AV	PASS
5353.69	29.4	44.44	15.030	54.00	9.56	150	1	AV	PASS
5354.84	44.7	59.70	15.050	74.00	14.30	150	24	PK	PASS
5358.98	28.2	43.32	15.110	54.00	10.68	150	1	AV	PASS
5361.74	40.7	55.86	15.140	74.00	18.14	150	170	PK	PASS



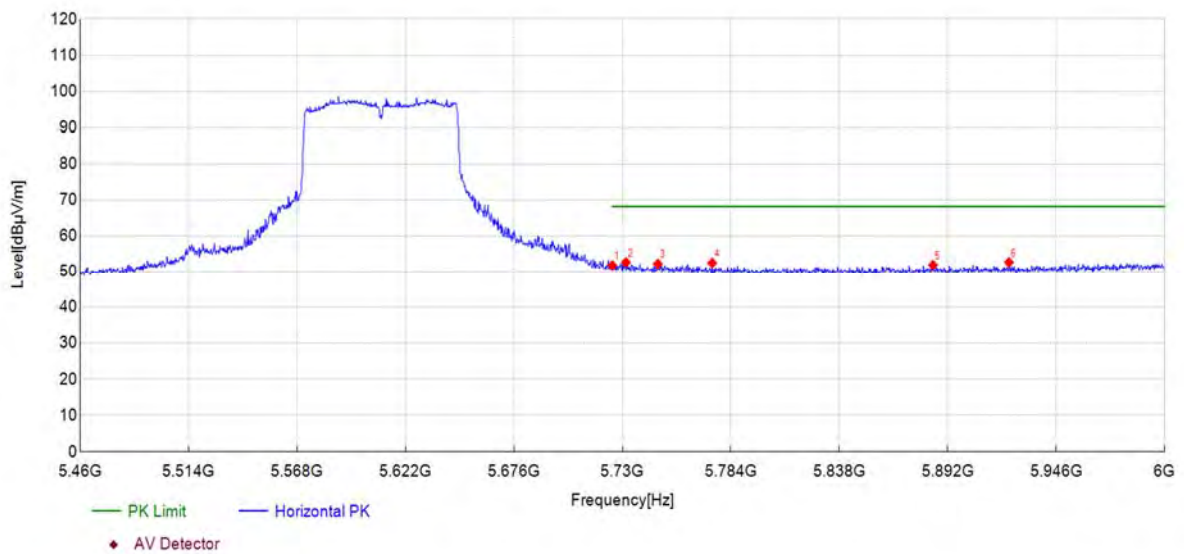
Plot for Channel 106



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5436.31	42.8	58.04	15.240	68.23	10.19	150	28	PK	PASS
5443.56	31.9	47.08	15.150	54.00	6.92	150	28	AV	PASS
5454.08	31.5	46.59	15.090	54.00	7.41	150	4	AV	PASS
5459.52	31.7	46.81	15.110	54.00	7.19	150	4	AV	PASS
5467.86	46.3	61.40	15.140	68.23	6.83	150	0	PK	PASS
5469.31	46.9	62.02	15.140	68.23	6.21	150	2	PK	PASS



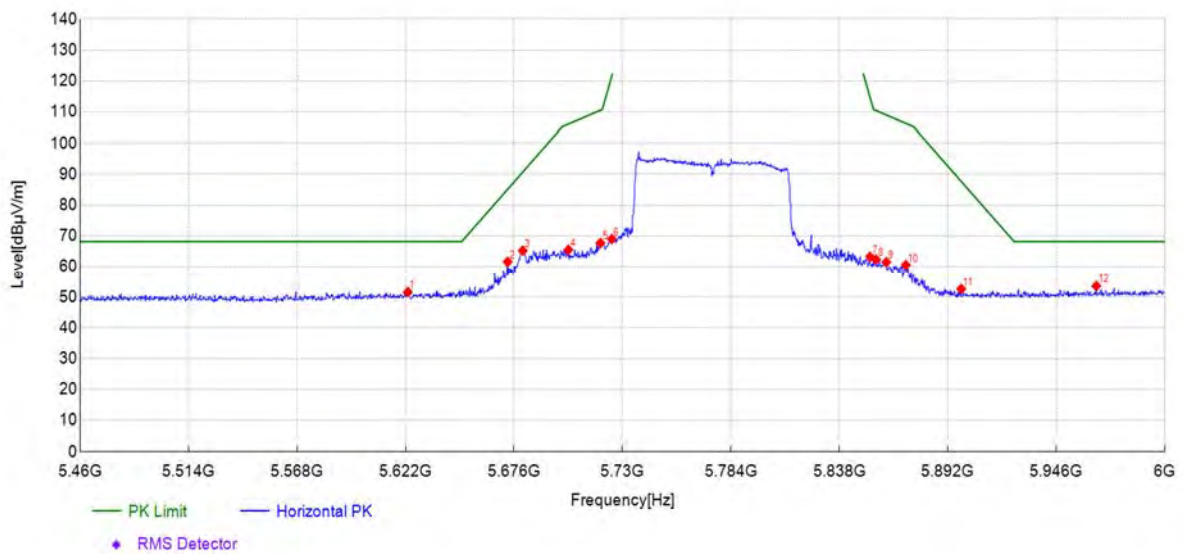
Plot for Channel 122



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5725.00	35.6	51.82	16.250	68.23	16.41	150	163	PK	PASS
5731.76	36.4	52.67	16.260	68.23	15.56	150	158	PK	PASS
5747.69	35.9	52.23	16.290	68.23	16.00	150	294	PK	PASS
5774.71	36.4	52.52	16.140	68.23	15.71	150	116	PK	PASS
5884.65	35.8	51.91	16.100	68.23	16.32	150	184	PK	PASS
5922.47	36.4	52.70	16.320	68.23	15.53	150	167	PK	PASS



Plot for Channel 155



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5623.16	35.7	51.57	15.860	68.23	16.66	150	253	PK	PASS
5672.87	45.7	61.64	15.990	85.15	23.51	150	257	PK	PASS
5680.43	49.2	65.28	16.040	90.75	25.47	150	253	PK	PASS
5703.12	49.4	65.55	16.200	106.10	40.55	150	253	PK	PASS
5719.06	51.5	67.76	16.230	110.57	42.81	150	245	PK	PASS
5724.73	52.8	69.03	16.250	121.62	52.59	150	253	PK	PASS
5853.32	47.3	63.30	15.980	114.67	51.37	150	119	PK	PASS
5856.29	46.4	62.38	16.000	110.47	48.09	150	123	PK	PASS
5861.42	45.5	61.54	16.020	109.03	47.49	150	123	PK	PASS
5871.15	44.6	60.62	16.040	106.31	45.69	150	119	PK	PASS
5898.70	36.4	52.58	16.140	87.69	35.11	150	119	PK	PASS
5965.96	36.8	53.55	16.740	68.23	14.68	150	72	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.

Note 4: All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded.

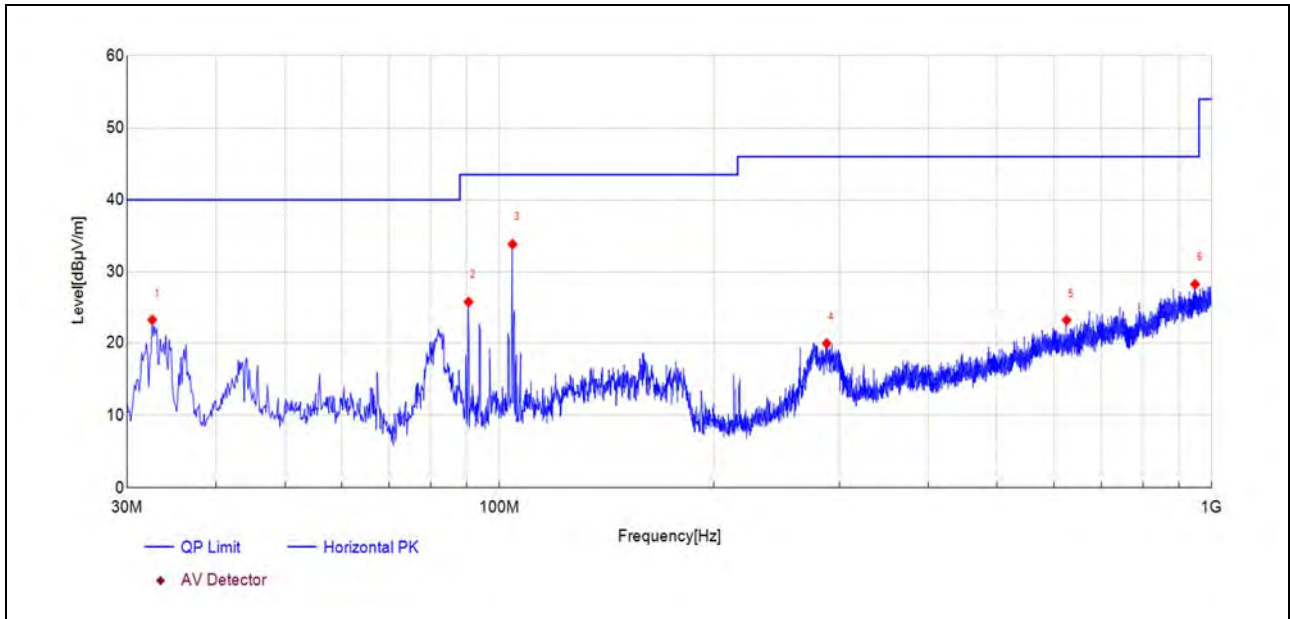
Field strength of fundamental:

Frequency (MHz)	Reading [dB μ V]	Level [dB μ V/m]	Factor [dB/m]	Detector	Antenna Polarity
5183.74	91.0	104.94	13.930	PK	Horizontal

The field strength (the lowest) of fundamenta is more than 20dB higher than the unwanted emissions, in accordance with FCC part 15.215(b).

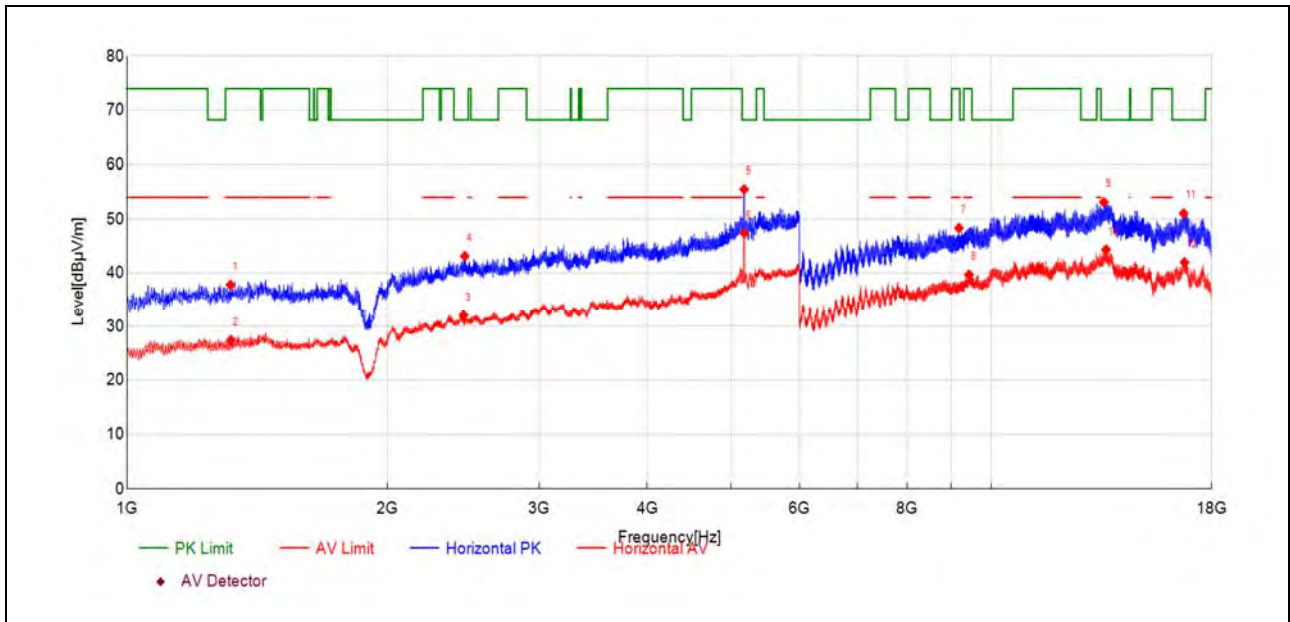
**802.11a Mode**

Plot for Channel 36



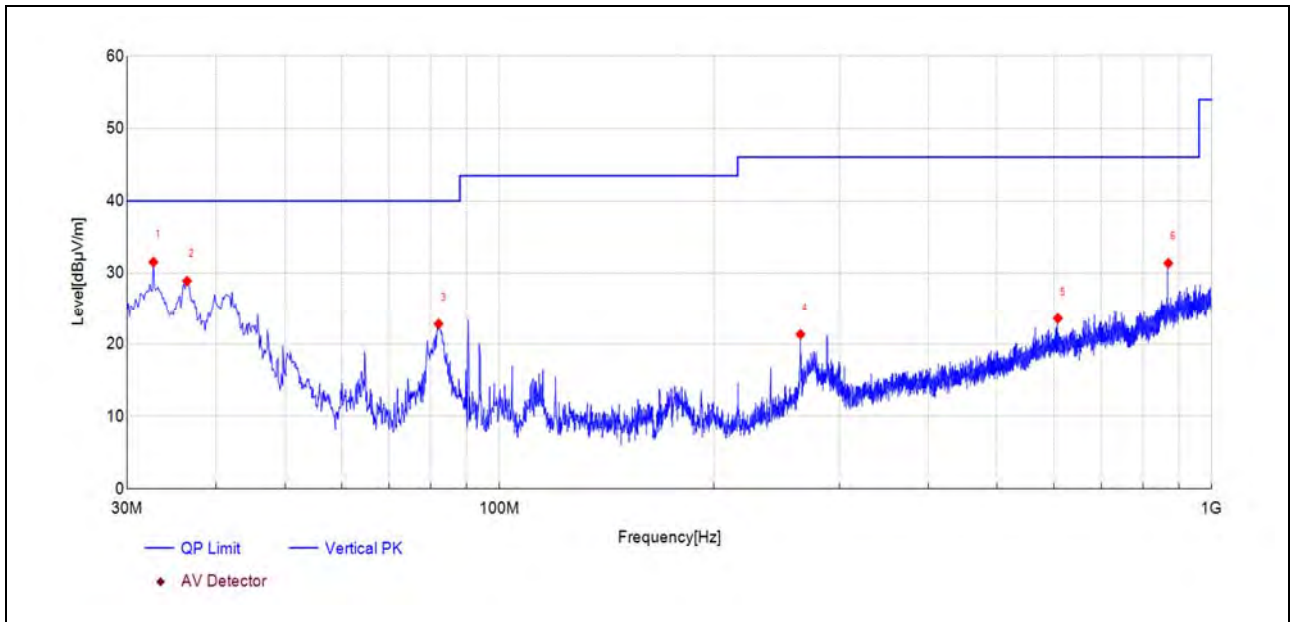
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
32.55	53.7	23.23	-30.470	40.00	16.77	150	86	PK	PASS
90.50	57.3	25.85	-31.460	43.50	17.65	150	273	PK	PASS
104.33	63.4	33.85	-29.510	43.50	9.65	150	21	PK	PASS
288.02	46.3	19.94	-26.370	46.00	26.06	150	278	PK	PASS
625.58	40.4	23.18	-17.260	46.00	22.82	150	207	PK	PASS
947.50	39.3	28.30	-11.020	46.00	17.70	150	75	PK	PASS



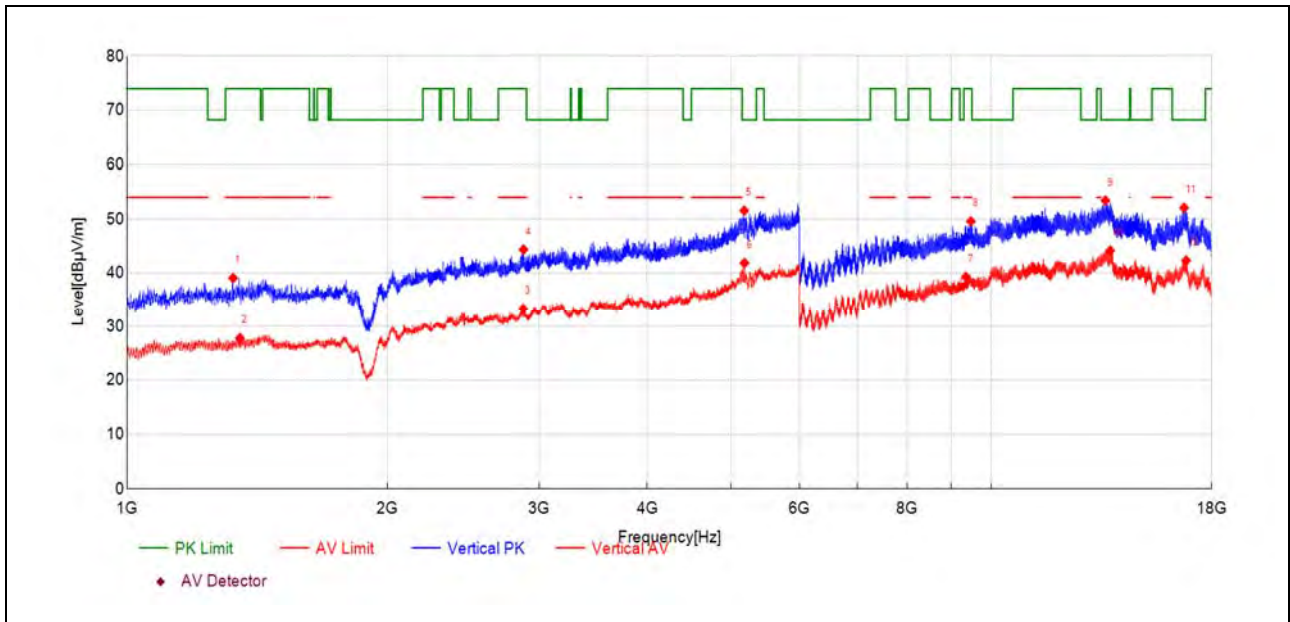
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1317.53	38.7	37.80	-0.920	74.00	36.20	150	340	PK	PASS
1319.03	28.3	27.41	-0.910	54.00	26.59	150	152	AV	PASS
2451.65	25.9	32.07	6.180	-	-	150	359	AV	N/A
2459.65	37.0	43.15	6.170	68.23	25.08	150	218	PK	PASS
5178.42	39.0	55.49	16.520	-	-	150	50	PK	N/A
5181.42	31.0	47.43	16.470	-	-	150	50	AV	N/A
9176.63	41.0	48.34	7.370	74.00	25.66	150	341	PK	PASS
9427.14	31.7	39.72	8.010	54.00	14.28	150	121	AV	PASS
13505.31	36.1	53.13	17.070	68.23	15.10	150	208	PK	PASS
13586.32	27.2	44.35	17.110	-	-	150	314	AV	N/A
16703.45	35.3	51.04	15.750	68.23	17.19	150	238	PK	PASS
16740.95	26.2	42.00	15.840	-	-	150	194	AV	N/A



(Antenna Vertical, 30MHz to 1GHz)

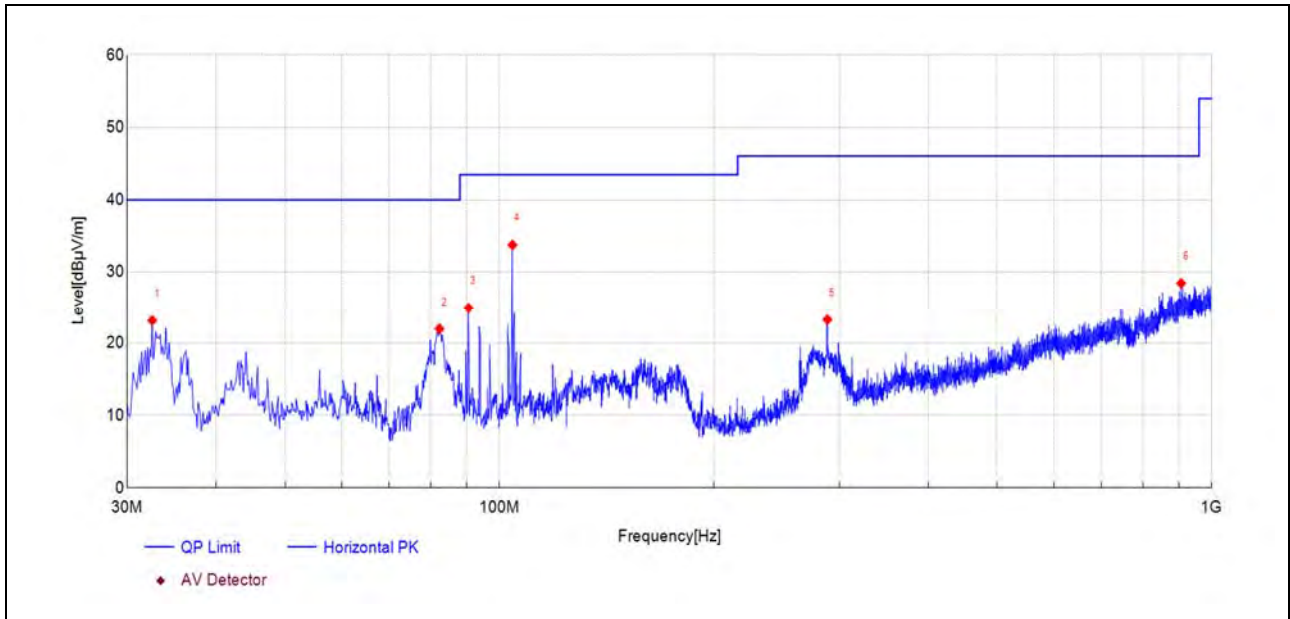
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
32.67	62.0	31.53	-30.470	40.00	8.47	150	9	PK	PASS
36.43	58.3	28.89	-29.450	40.00	11.11	150	360	PK	PASS
82.14	54.6	22.82	-31.790	40.00	17.18	150	28	PK	PASS
264.62	48.9	21.37	-27.480	46.00	24.63	150	88	PK	PASS
608.00	40.8	23.61	-17.230	46.00	22.39	150	336	PK	PASS
869.05	43.8	31.37	-12.430	46.00	14.63	150	203	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

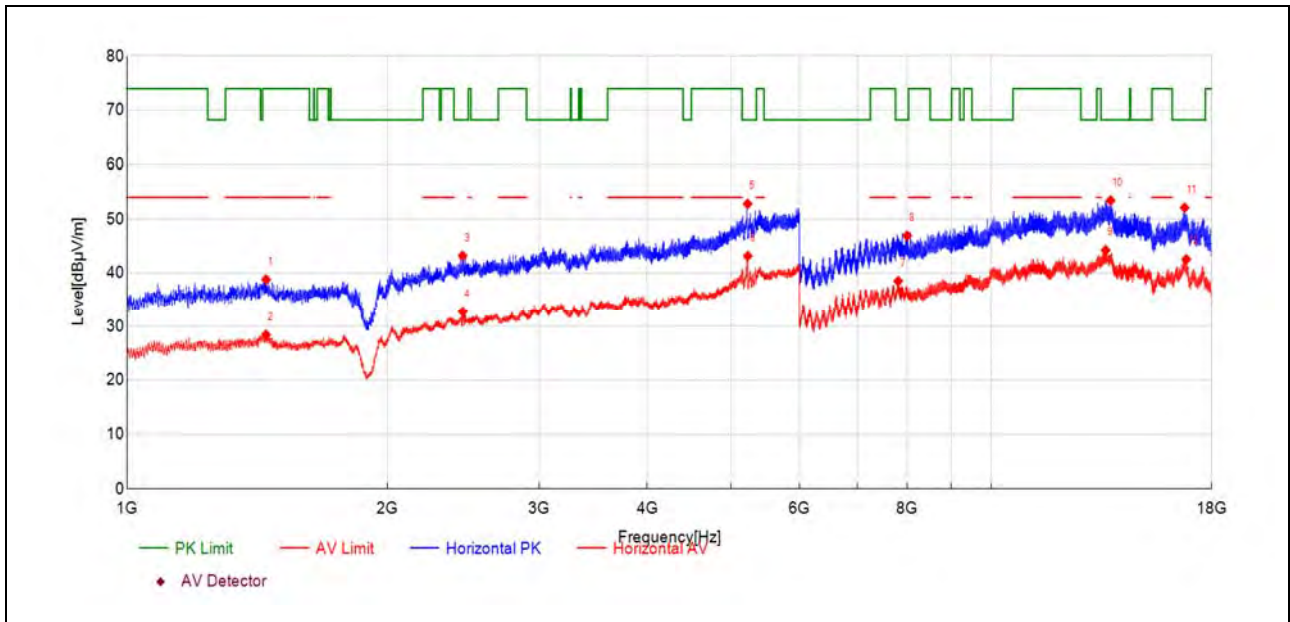
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1326.53	40.0	39.09	-0.870	74.00	34.91	150	218	PK	PASS
1351.04	28.6	27.82	-0.740	54.00	26.18	150	237	AV	PASS
2874.19	25.8	33.33	7.560	54.00	20.67	150	302	AV	PASS
2876.19	36.8	44.35	7.560	74.00	29.65	150	331	PK	PASS
5179.42	35.1	51.57	16.500	-	-	150	88	PK	N/A
5182.42	25.4	41.86	16.450	-	-	150	50	AV	N/A
9348.64	31.3	39.31	8.020	54.00	14.69	150	181	AV	PASS
9474.64	41.2	49.58	8.430	74.00	24.42	150	313	PK	PASS
13560.32	36.3	53.43	17.090	68.23	14.80	150	240	PK	PASS
13733.32	27.7	44.16	16.480	-	-	150	328	AV	N/A
16721.45	36.3	52.08	15.800	68.23	16.15	150	151	PK	PASS
16815.95	26.3	42.34	16.030	-	-	150	136	AV	N/A

Plot for Channel 44



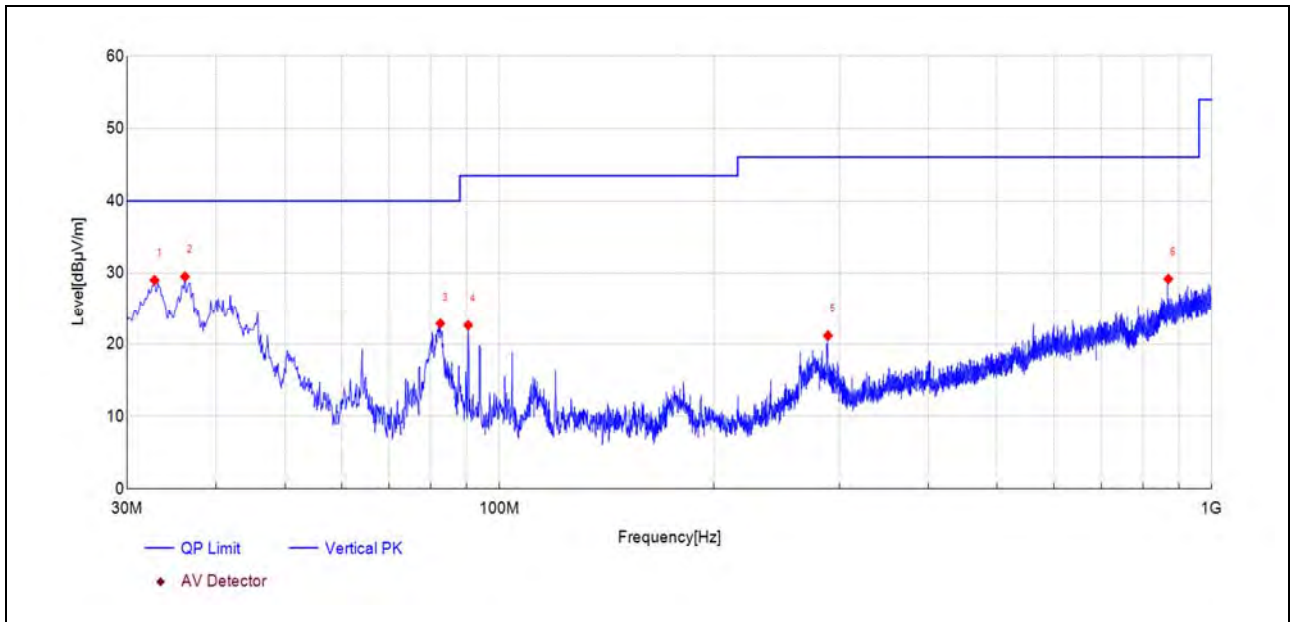
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
32.55	53.6	23.15	-30.470	40.00	16.85	150	51	PK	PASS
82.38	53.8	22.00	-31.760	40.00	18.00	150	117	PK	PASS
90.50	56.4	24.96	-31.460	43.50	18.54	150	213	PK	PASS
104.33	63.3	33.77	-29.510	43.50	9.73	150	153	PK	PASS
288.75	49.7	23.29	-26.400	46.00	22.71	150	219	PK	PASS
905.91	40.0	28.44	-11.520	46.00	17.56	150	213	PK	PASS



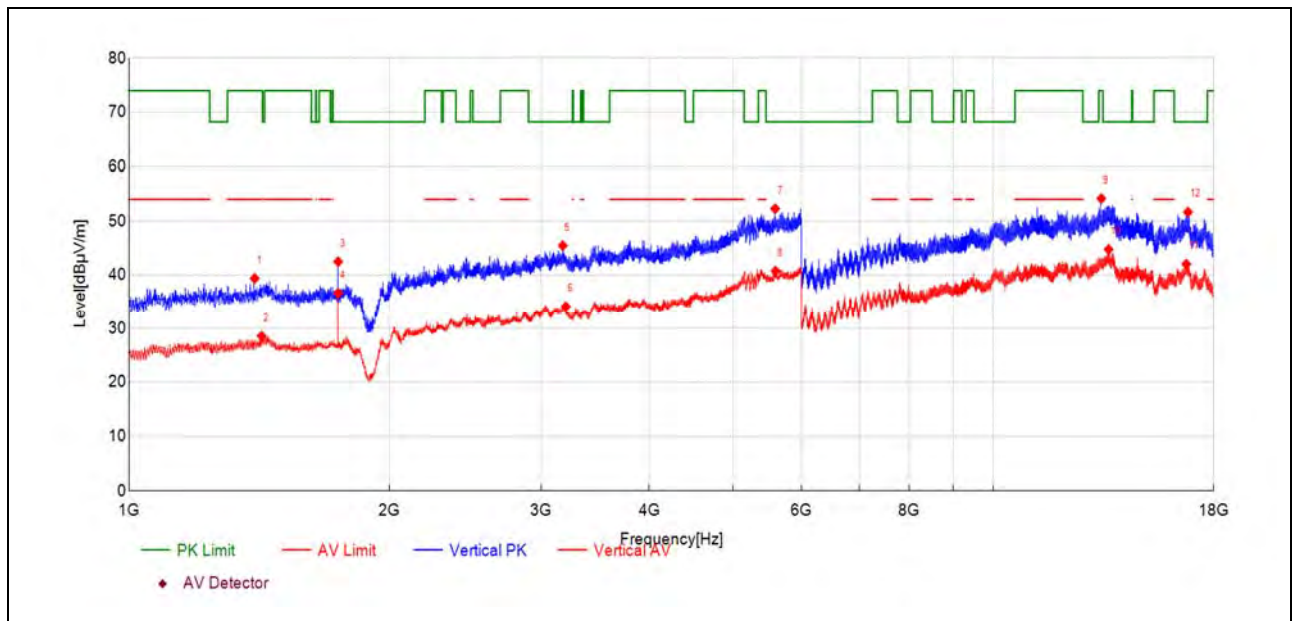
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1448.54	38.5	38.81	0.270	74.00	35.19	150	153	PK	PASS
1448.54	28.2	28.42	0.270	54.00	25.58	150	256	AV	PASS
2445.64	37.1	43.21	6.110	68.23	25.02	150	246	PK	PASS
2446.64	26.6	32.77	6.130	-	-	150	246	AV	N/A
5226.92	36.3	52.81	16.500	-	-	150	32	PK	N/A
5227.92	26.6	43.15	16.520	-	-	150	5	AV	N/A
7806.58	32.7	38.50	5.780	-	-	150	24	AV	N/A
7993.08	41.1	46.92	5.830	68.23	21.31	150	355	PK	PASS
13567.82	27.1	44.24	17.100	-	-	150	328	AV	N/A
13746.32	36.8	53.44	16.600	68.23	14.79	150	38	PK	PASS
16746.45	36.2	52.10	15.860	68.23	16.13	150	82	PK	PASS
16819.45	26.5	42.57	16.030	-	-	150	226	AV	N/A



(Antenna Vertical, 30MHz to 1GHz)

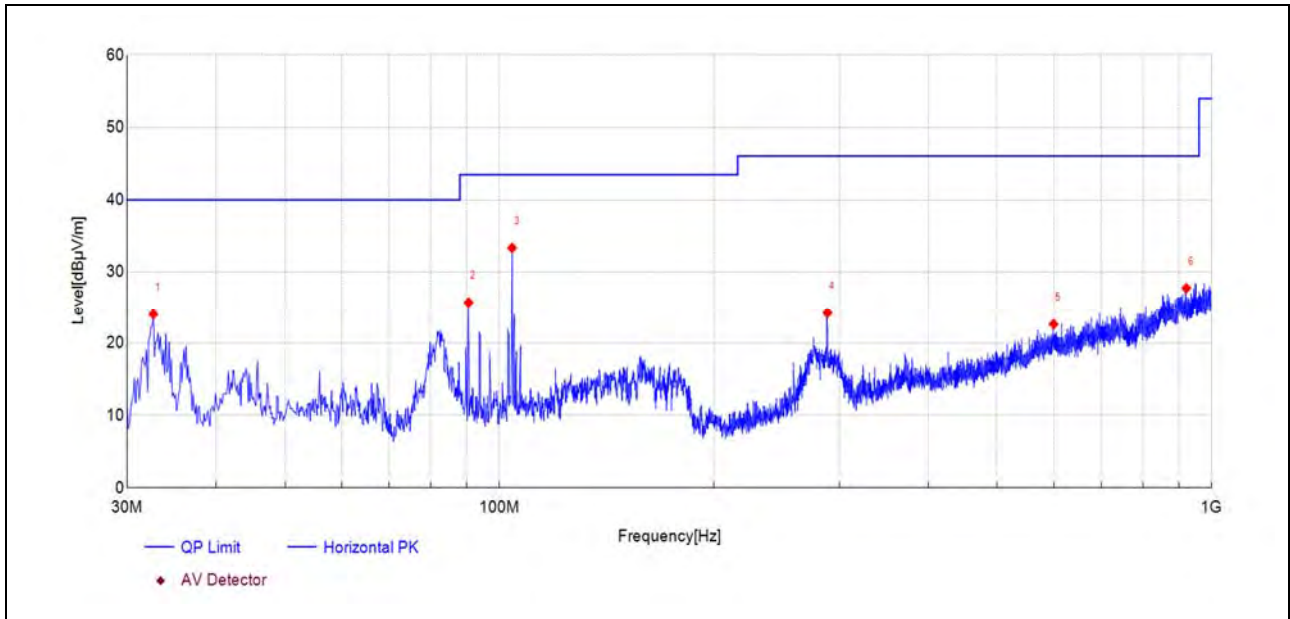
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
32.79	59.5	29.02	-30.470	40.00	10.98	150	351	PK	PASS
36.18	59.1	29.52	-29.530	40.00	10.48	150	40	PK	PASS
82.62	54.6	22.88	-31.730	40.00	17.12	150	351	PK	PASS
90.38	54.2	22.66	-31.500	43.50	20.84	150	118	PK	PASS
289.23	47.6	21.20	-26.420	46.00	24.80	150	112	PK	PASS
869.17	41.6	29.19	-12.410	46.00	16.81	150	351	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

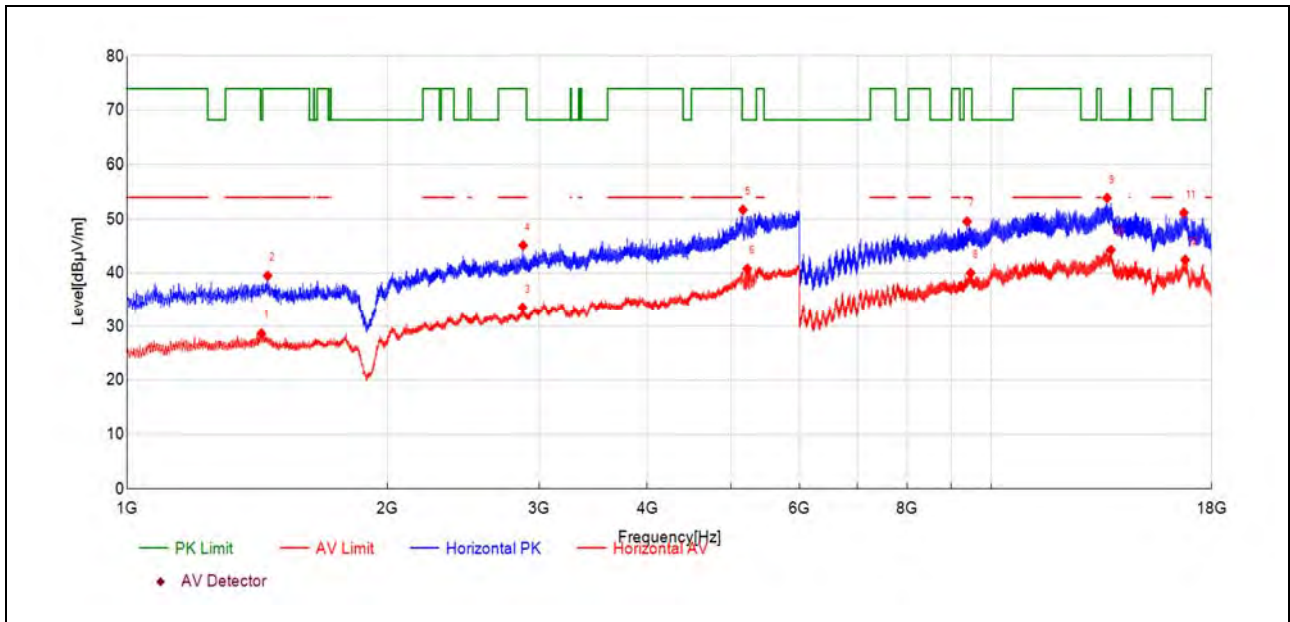
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1397.54	39.5	39.38	-0.130	74.00	34.62	150	236	PK	PASS
1423.54	28.5	28.55	0.080	54.00	25.45	150	126	AV	PASS
1746.07	41.8	42.49	0.670	68.23	25.74	150	116	PK	PASS
1746.57	36.0	36.63	0.680	-	-	150	116	AV	N/A
3176.72	37.0	45.46	8.490	68.23	22.77	150	22	PK	PASS
3203.22	25.9	34.14	8.270	-	-	150	209	AV	N/A
5595.46	34.2	52.27	18.090	68.23	15.96	150	246	PK	PASS
5598.96	22.6	40.75	18.150	-	-	150	360	AV	N/A
13340.81	37.7	54.17	16.480	74.00	19.83	150	66	PK	PASS
13603.82	27.7	44.77	17.080	-	-	150	239	AV	N/A
16732.45	26.2	42.06	15.820	-	-	150	1	AV	N/A
16808.95	35.7	51.67	16.010	68.23	16.56	150	342	PK	PASS

Plot for Channel 48



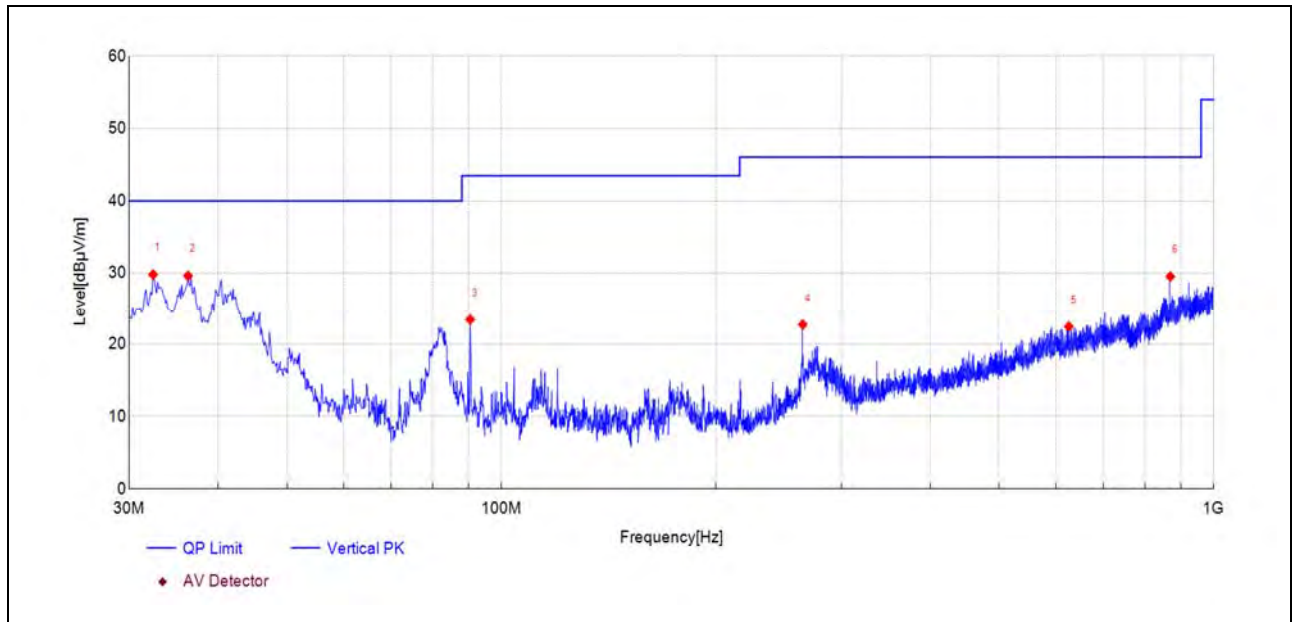
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
32.67	54.5	24.06	-30.470	40.00	15.94	150	315	PK	PASS
90.50	57.2	25.74	-31.460	43.50	17.76	150	189	PK	PASS
104.21	62.9	33.35	-29.570	43.50	10.15	150	123	PK	PASS
288.75	50.6	24.23	-26.400	46.00	21.77	150	309	PK	PASS
599.88	39.5	22.66	-16.860	46.00	23.34	150	231	PK	PASS
921.31	39.4	27.75	-11.610	46.00	18.25	150	141	PK	PASS



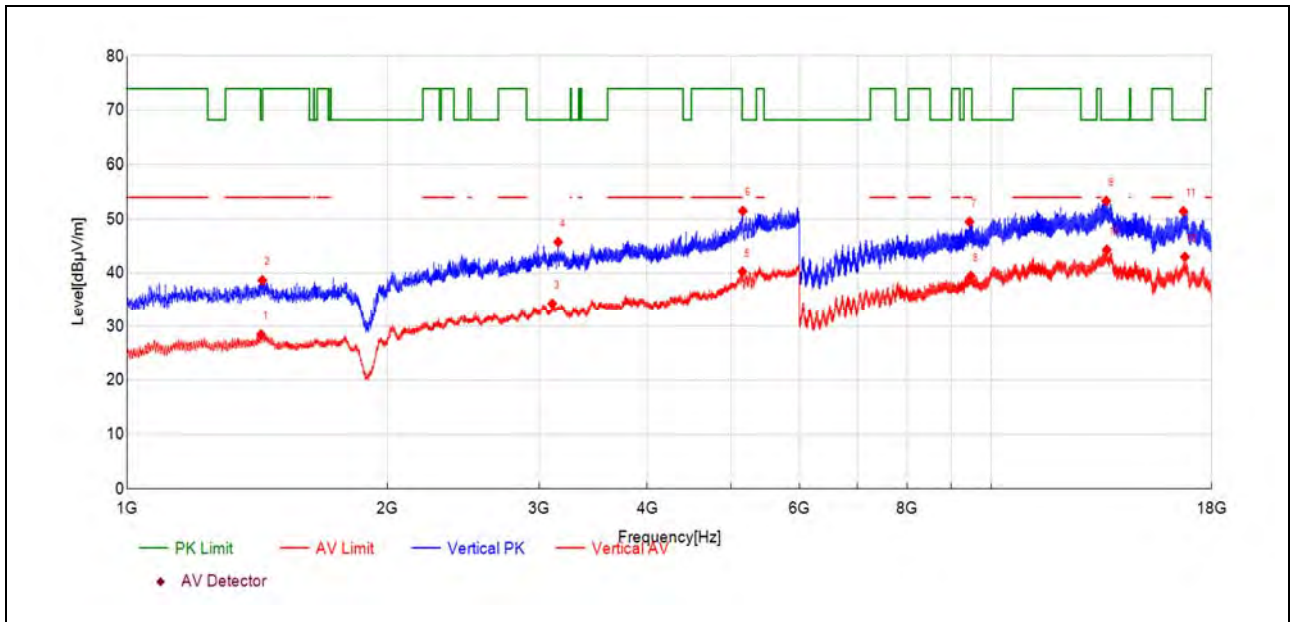
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1430.54	28.5	28.64	0.130	-	-	150	87	AV	N/A
1454.55	39.3	39.52	0.220	74.00	34.48	150	169	PK	PASS
2868.69	26.0	33.57	7.570	54.00	20.43	150	309	AV	PASS
2873.69	37.6	45.15	7.560	74.00	28.85	150	161	PK	PASS
5161.92	34.9	51.72	16.820	68.23	16.51	150	207	PK	PASS
5220.92	24.4	40.80	16.420	-	-	150	289	AV	N/A
9379.14	41.9	49.57	7.670	74.00	24.43	150	240	PK	PASS
9469.14	31.6	40.02	8.450	54.00	13.98	150	84	AV	PASS
13620.82	37.0	53.91	16.910	68.23	14.32	150	169	PK	PASS
13756.32	27.6	44.27	16.690	-	-	150	126	AV	N/A
16709.95	35.4	51.16	15.770	68.23	17.07	150	169	PK	PASS
16772.95	26.6	42.48	15.930	-	-	150	255	AV	N/A



(Antenna Vertical, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
32.43	60.3	29.81	-30.470	40.00	10.19	150	340	PK	PASS
36.31	59.1	29.62	-29.500	40.00	10.38	150	15	PK	PASS
90.38	55.0	23.45	-31.500	43.50	20.05	150	356	PK	PASS
264.86	50.2	22.74	-27.440	46.00	23.26	150	57	PK	PASS
626.07	39.8	22.47	-17.280	46.00	23.53	150	136	PK	PASS
869.17	41.9	29.53	-12.410	46.00	16.47	150	178	PK	PASS

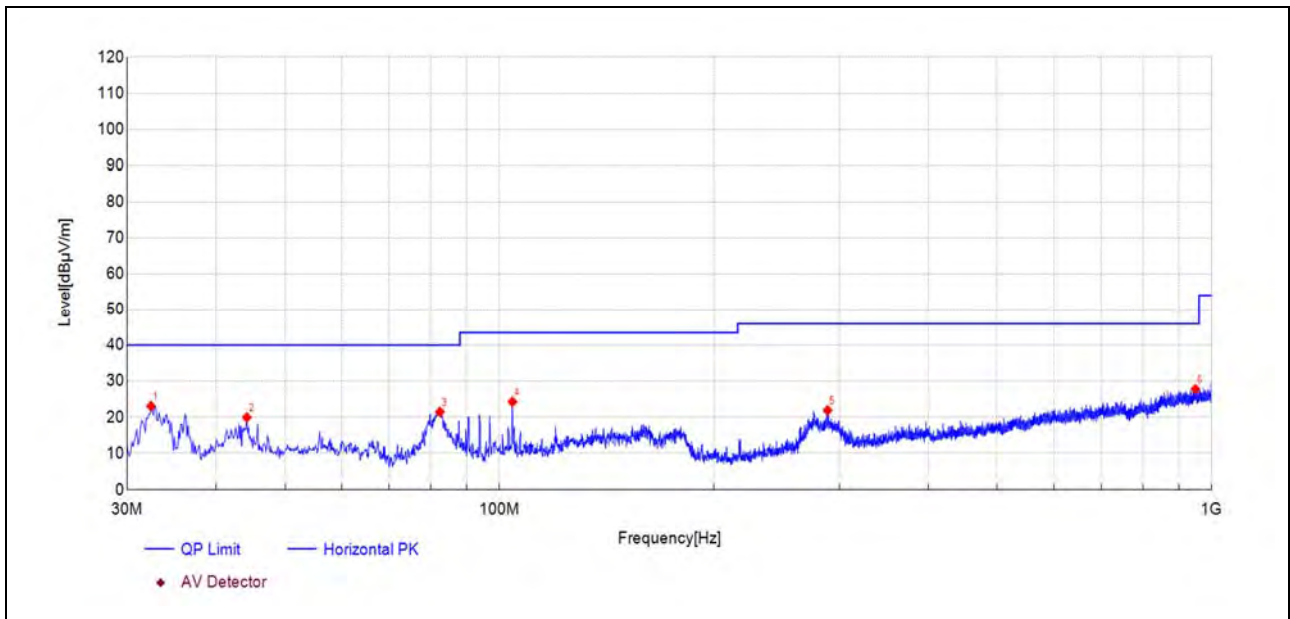


(Antenna Vertical, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1429.54	28.3	28.45	0.130	-	-	150	356	AV	N/A
1434.04	38.5	38.67	0.160	68.23	29.56	150	274	PK	PASS
3105.21	25.9	34.31	8.410	-	-	150	199	AV	N/A
3154.72	37.1	45.75	8.690	68.23	22.48	150	256	PK	PASS
5153.92	23.3	40.28	16.970	-	-	150	142	AV	N/A
5159.42	34.6	51.51	16.870	68.23	16.72	150	284	PK	PASS
9438.14	41.2	49.49	8.250	74.00	24.51	150	242	PK	PASS
9474.64	31.0	39.46	8.430	54.00	14.54	150	11	AV	PASS
13587.82	36.3	53.36	17.100	68.23	14.87	150	170	PK	PASS
13608.32	27.3	44.33	17.040	-	-	150	299	AV	N/A
16692.45	35.8	51.46	15.680	68.23	16.77	150	55	PK	PASS
16759.45	27.1	43.01	15.900	-	-	150	270	AV	N/A

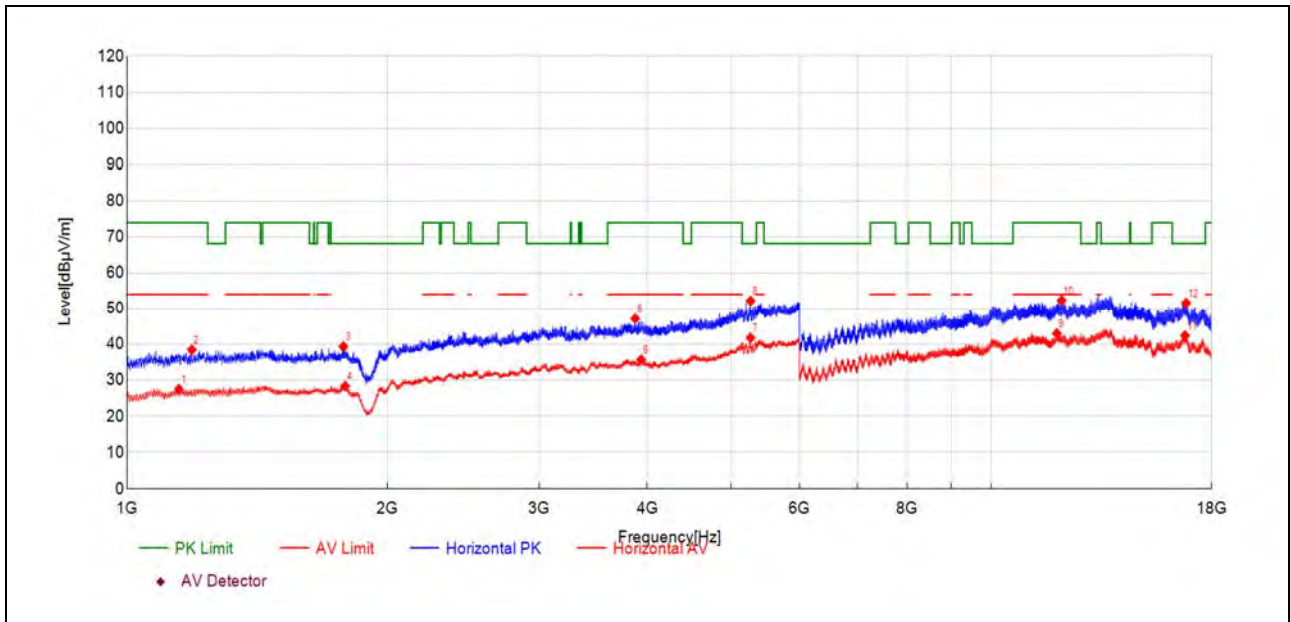


Plot for Channel 52



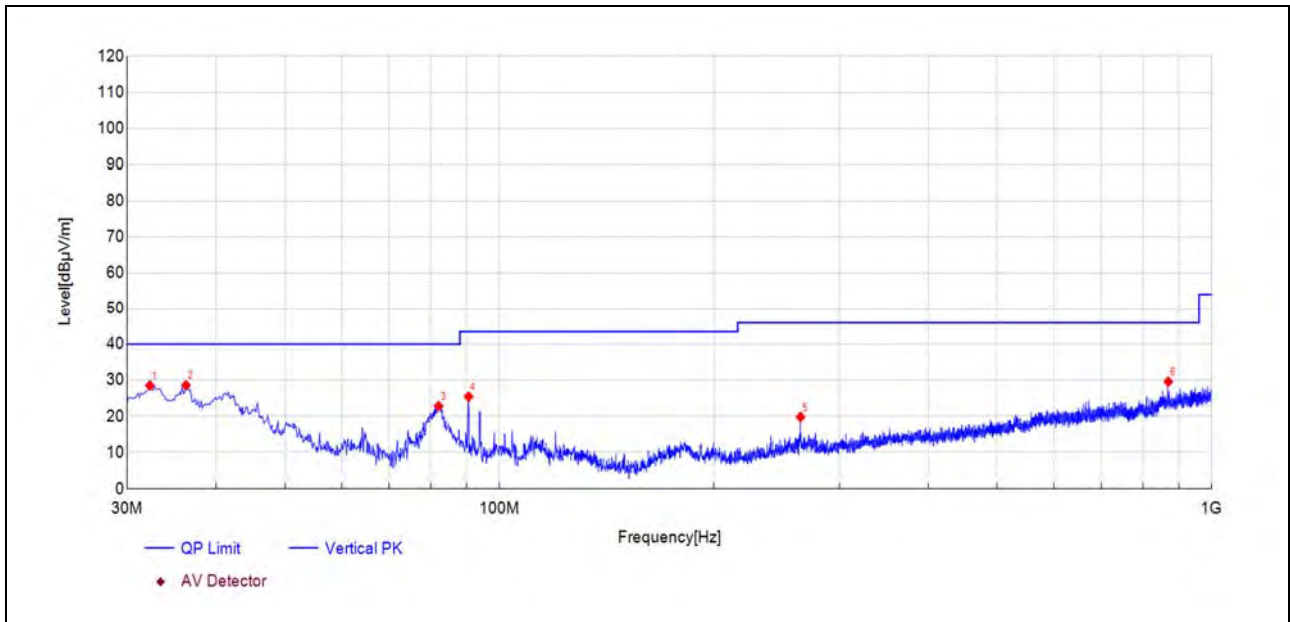
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
32.43	53.5	23.07	-30.470	40.00	16.93	150	254	PK	PASS
44.19	47.8	19.94	-27.870	40.00	20.06	150	104	PK	PASS
82.50	53.2	21.46	-31.750	40.00	18.54	150	98	PK	PASS
104.33	53.8	24.28	-29.510	43.50	19.22	150	104	PK	PASS
288.87	48.3	21.90	-26.400	46.00	24.10	150	98	PK	PASS
948.59	38.8	27.79	-10.980	46.00	18.21	150	236	PK	PASS



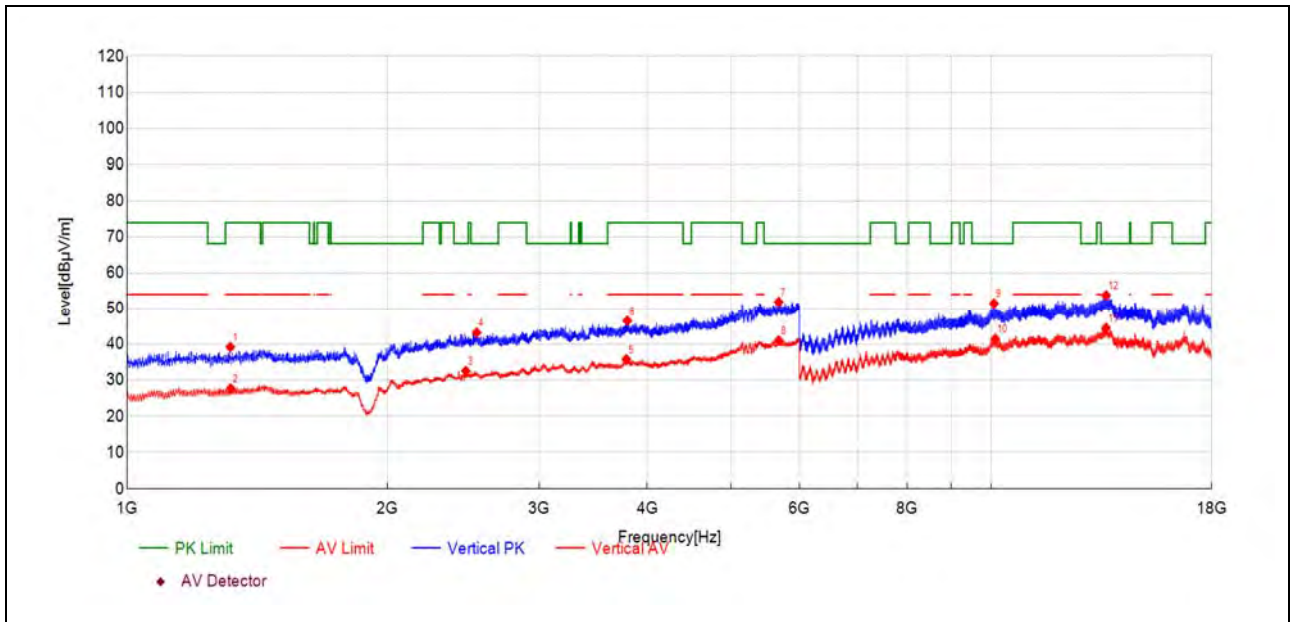
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1148.51	29.3	27.52	-1.820	54.00	26.48	150	75	AV	PASS
1188.52	39.6	38.47	-1.160	74.00	35.53	150	178	PK	PASS
1780.08	38.4	39.35	0.940	68.23	28.88	150	46	PK	PASS
1788.58	27.4	28.37	1.020	-	-	150	65	AV	N/A
3873.79	35.8	47.14	11.330	74.00	26.86	150	337	PK	PASS
3935.29	24.0	35.72	11.740	54.00	18.28	150	188	AV	PASS
5266.43	25.0	41.80	16.820	-	-	150	37	AV	N/A
5267.93	35.4	52.25	16.810	-	-	150	328	PK	N/A
11913.75	29.1	42.99	13.920	54.00	11.01	150	106	AV	PASS
12066.25	38.0	52.42	14.440	74.00	21.58	150	224	PK	PASS
16766.95	26.5	42.41	15.920	-	-	150	106	AV	N/A
16813.95	35.7	51.67	16.020	68.23	16.56	150	151	PK	PASS



(Antenna Vertical, 30MHz to 1GHz)

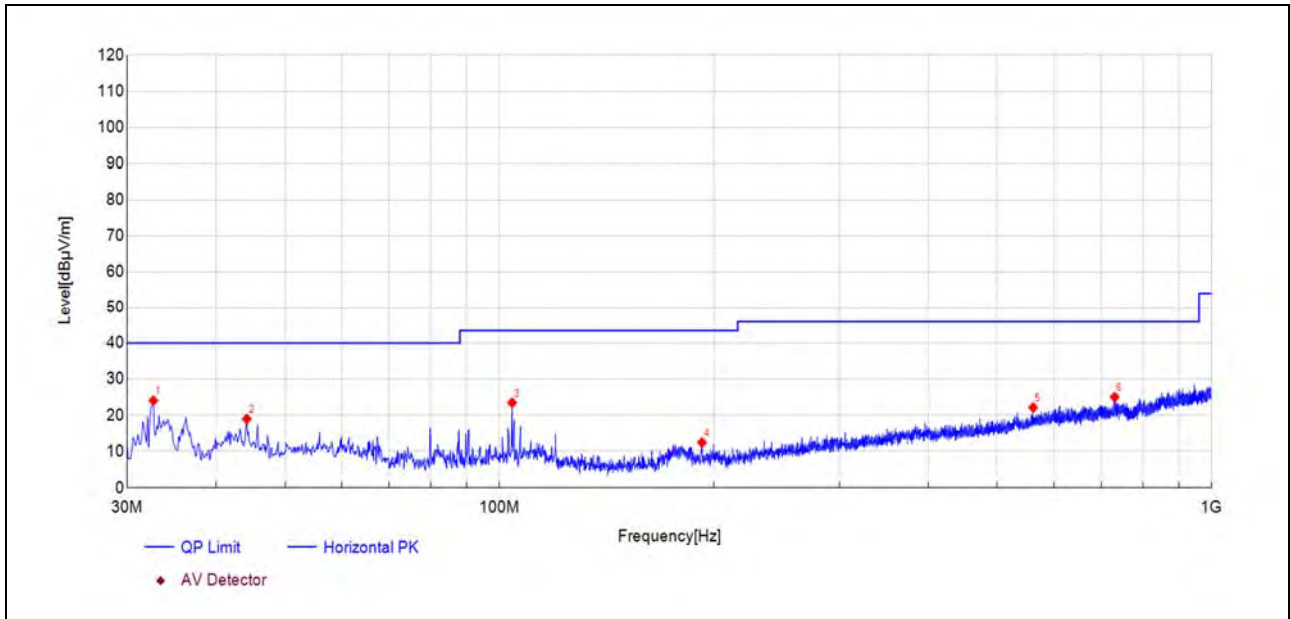
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
32.30	59.0	28.51	-30.480	40.00	11.49	150	260	PK	PASS
36.31	58.1	28.62	-29.500	40.00	11.38	150	230	PK	PASS
82.14	54.6	22.81	-31.790	40.00	17.19	150	140	PK	PASS
90.50	56.9	25.44	-31.460	43.50	18.06	150	280	PK	PASS
264.62	47.3	19.79	-27.480	46.00	26.21	150	330	PK	PASS
869.17	42.0	29.62	-12.410	46.00	16.38	150	130	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

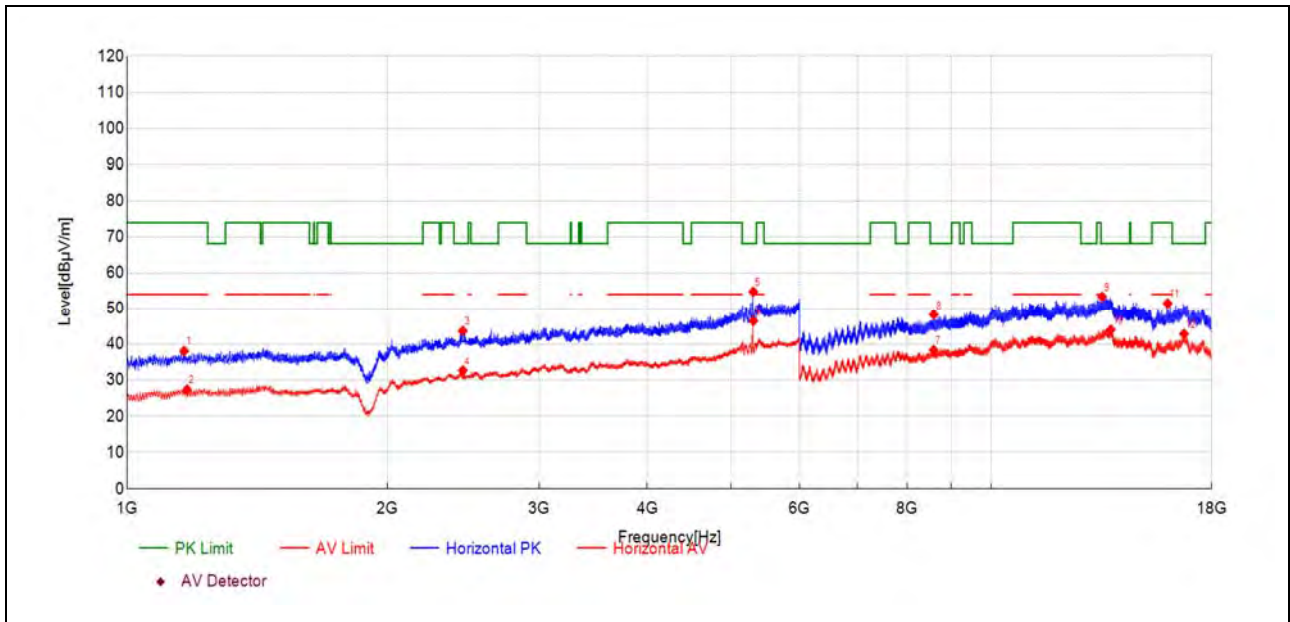
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1317.03	40.1	39.22	-0.920	74.00	34.78	150	272	PK	PASS
1318.53	28.6	27.70	-0.920	54.00	26.30	150	0	AV	PASS
2466.65	26.4	32.56	6.150	-	-	150	37	AV	N/A
2538.65	37.4	43.22	5.780	68.23	25.01	150	159	PK	PASS
3783.28	24.7	35.84	11.190	54.00	18.16	150	28	AV	PASS
3793.28	35.3	46.53	11.270	74.00	27.47	150	74	PK	PASS
5676.47	33.6	51.94	18.350	68.23	16.29	150	84	PK	PASS
5678.97	22.7	41.05	18.360	-	-	150	319	AV	N/A
10076.67	40.8	51.52	10.740	68.23	16.71	150	167	PK	PASS
10111.67	30.7	41.51	10.860	-	-	150	345	AV	N/A
13580.32	27.4	44.53	17.100	-	-	150	76	AV	N/A
13585.32	36.7	53.78	17.100	68.23	14.45	150	63	PK	PASS

Plot for Channel 60



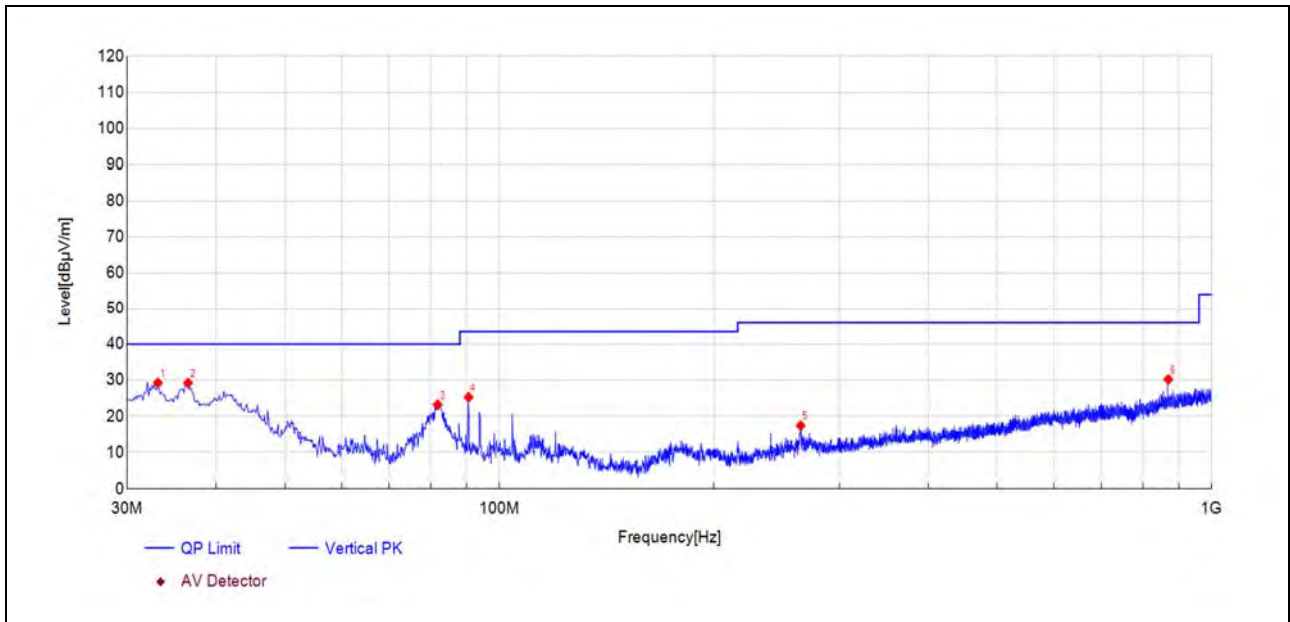
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
32.67	54.5	24.06	-30.470	40.00	15.94	150	110	PK	PASS
44.19	46.8	18.96	-27.870	40.00	21.04	150	180	PK	PASS
104.21	53.0	23.46	-29.570	43.50	20.04	150	60	PK	PASS
192.48	42.6	12.43	-30.130	43.50	31.07	150	300	PK	PASS
561.56	40.6	22.10	-18.540	46.00	23.90	150	270	PK	PASS
730.70	40.6	25.03	-15.580	46.00	20.97	150	180	PK	PASS



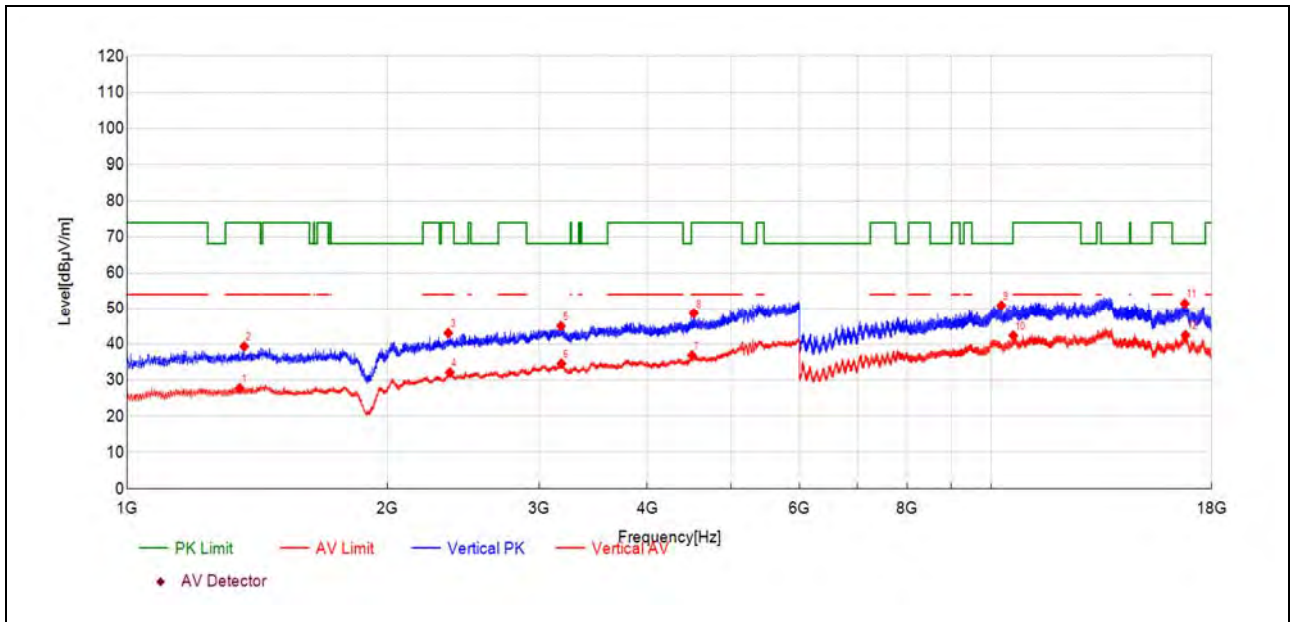
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1164.52	39.7	38.12	-1.570	74.00	35.88	150	105	PK	PASS
1173.52	28.8	27.40	-1.410	54.00	26.60	150	152	AV	PASS
2446.14	37.6	43.74	6.130	68.23	24.49	150	189	PK	PASS
2447.14	26.6	32.74	6.140	-	-	150	189	AV	N/A
5305.93	37.9	54.79	16.880	-	-	150	31	PK	N/A
5307.43	29.6	46.52	16.900	-	-	150	31	AV	N/A
8581.11	32.0	38.40	6.430	-	-	150	109	AV	N/A
8581.61	41.9	48.31	6.440	68.23	19.92	150	124	PK	PASS
13441.31	36.7	53.37	16.670	68.23	14.86	150	153	PK	PASS
13757.32	27.4	44.08	16.700	-	-	150	139	AV	N/A
16004.92	36.8	51.53	14.760	74.00	22.47	150	256	PK	PASS
16724.45	27.1	42.87	15.810	-	-	150	51	AV	N/A



(Antenna Vertical, 30MHz to 1GHz)

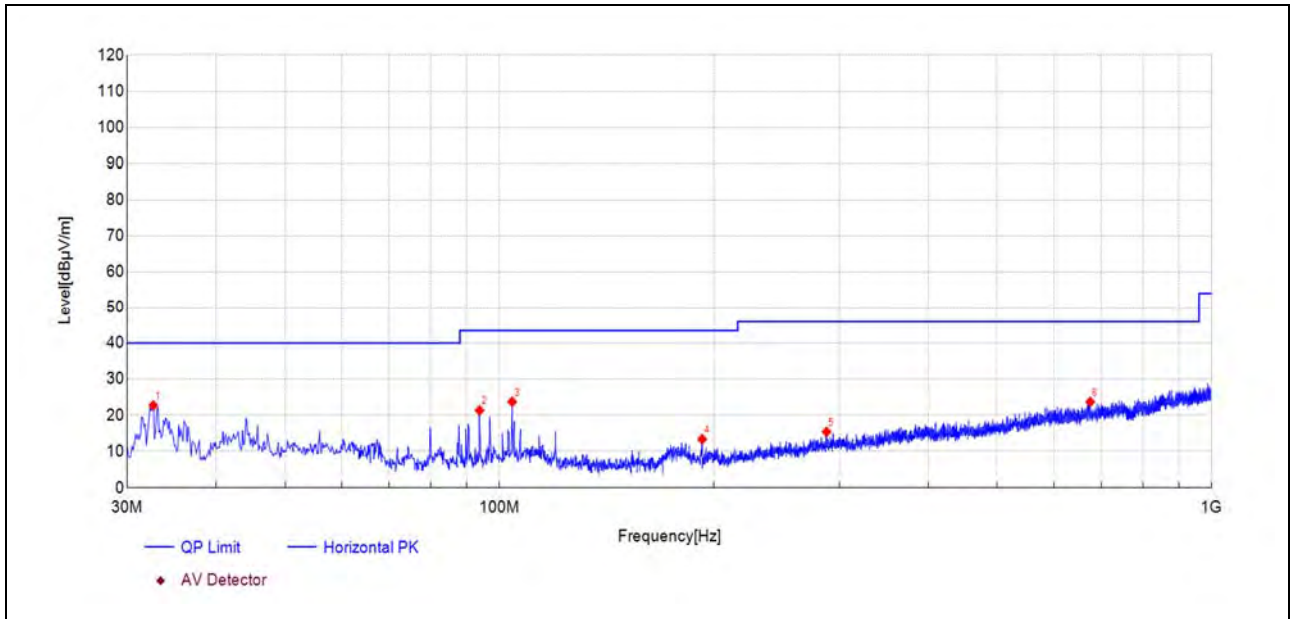
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
33.15	59.7	29.29	-30.370	40.00	10.71	150	10	PK	PASS
36.55	58.7	29.23	-29.420	40.00	10.77	150	180	PK	PASS
81.90	55.1	23.23	-31.840	40.00	16.77	150	80	PK	PASS
90.50	56.8	25.30	-31.460	43.50	18.20	150	60	PK	PASS
264.74	44.9	17.40	-27.470	46.00	28.60	150	300	PK	PASS
869.17	42.6	30.21	-12.410	46.00	15.79	150	150	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

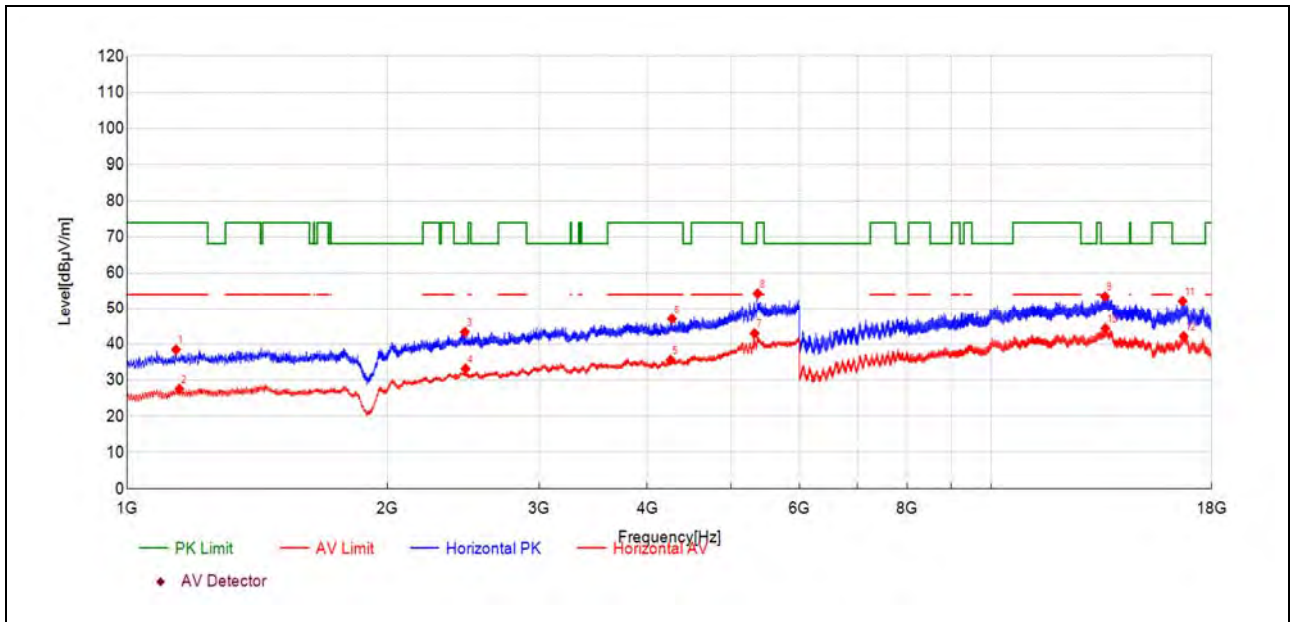
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1350.04	28.6	27.84	-0.750	54.00	26.16	150	68	AV	PASS
1366.54	39.9	39.36	-0.540	74.00	34.64	150	40	PK	PASS
2354.14	37.9	43.09	5.160	74.00	30.91	150	133	PK	PASS
2363.64	27.0	32.15	5.200	54.00	21.85	150	151	AV	PASS
3178.22	36.6	45.05	8.480	68.23	23.18	150	12	PK	PASS
3181.72	26.2	34.60	8.450	-	-	150	133	AV	N/A
4505.85	24.0	36.88	12.870	54.00	17.12	150	50	AV	PASS
4528.35	35.8	48.69	12.910	74.00	25.31	150	360	PK	PASS
10275.68	40.2	50.96	10.760	68.23	17.27	150	100	PK	PASS
10606.69	30.3	42.41	12.130	54.00	11.59	150	328	AV	PASS
16753.45	35.6	51.50	15.880	68.23	16.73	150	204	PK	PASS
16785.95	26.6	42.53	15.960	-	-	150	86	AV	N/A

Plot for Channel 64



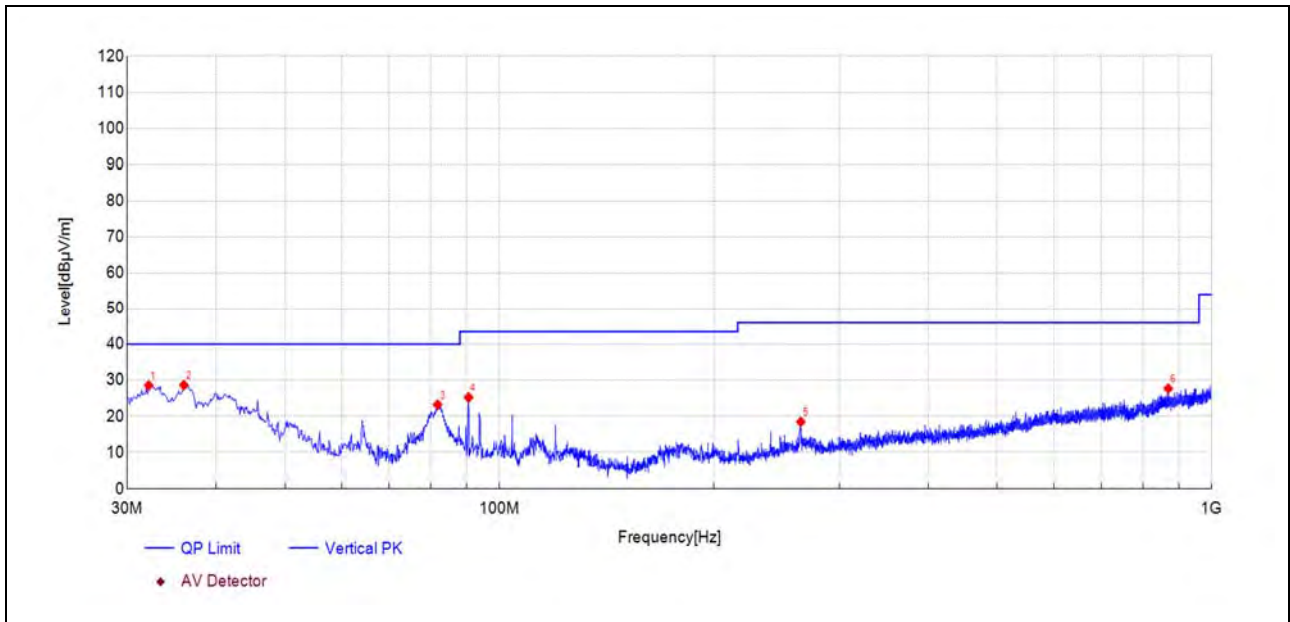
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
32.67	53.2	22.73	-30.470	40.00	17.27	150	150	PK	PASS
93.78	52.0	21.33	-30.660	43.50	22.17	150	300	PK	PASS
104.21	53.3	23.72	-29.570	43.50	19.78	150	230	PK	PASS
192.60	43.5	13.33	-30.140	43.50	30.17	150	350	PK	PASS
287.90	41.7	15.37	-26.370	46.00	30.63	150	250	PK	PASS
675.29	39.8	23.70	-16.060	46.00	22.30	150	200	PK	PASS



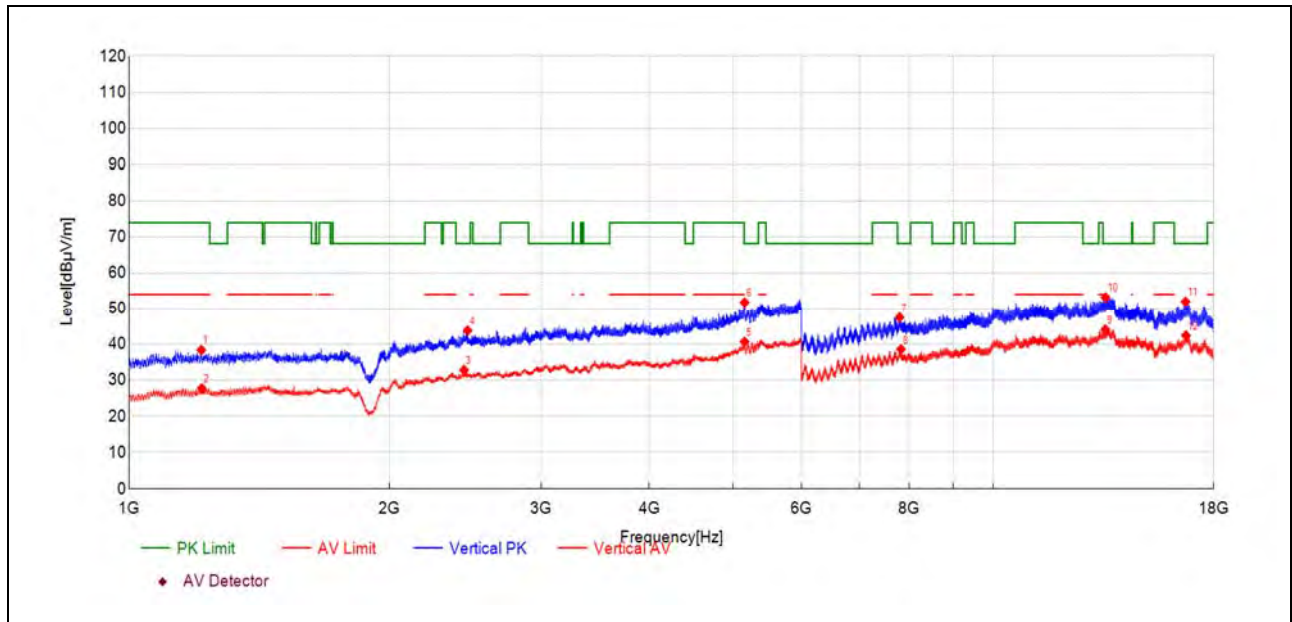
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1139.51	40.4	38.50	-1.880	74.00	35.50	150	314	PK	PASS
1149.51	29.4	27.59	-1.810	54.00	26.41	150	100	AV	PASS
2460.15	37.2	43.38	6.170	68.23	24.85	150	25	PK	PASS
2464.15	27.0	33.19	6.160	-	-	150	12	AV	N/A
4255.83	23.4	35.60	12.200	54.00	18.40	150	165	AV	PASS
4272.83	34.9	47.08	12.140	74.00	26.92	150	305	PK	PASS
5322.93	25.9	42.98	17.080	-	-	150	34	AV	N/A
5368.44	36.6	54.31	17.700	-	-	150	34	PK	N/A
13545.81	36.4	53.48	17.090	68.23	14.75	150	50	PK	PASS
13559.31	27.3	44.42	17.100	-	-	150	65	AV	N/A
16657.44	36.8	52.21	15.430	68.23	16.02	150	36	PK	PASS
16703.45	26.5	42.22	15.750	-	-	150	328	AV	N/A



(Antenna Vertical, 30MHz to 1GHz)

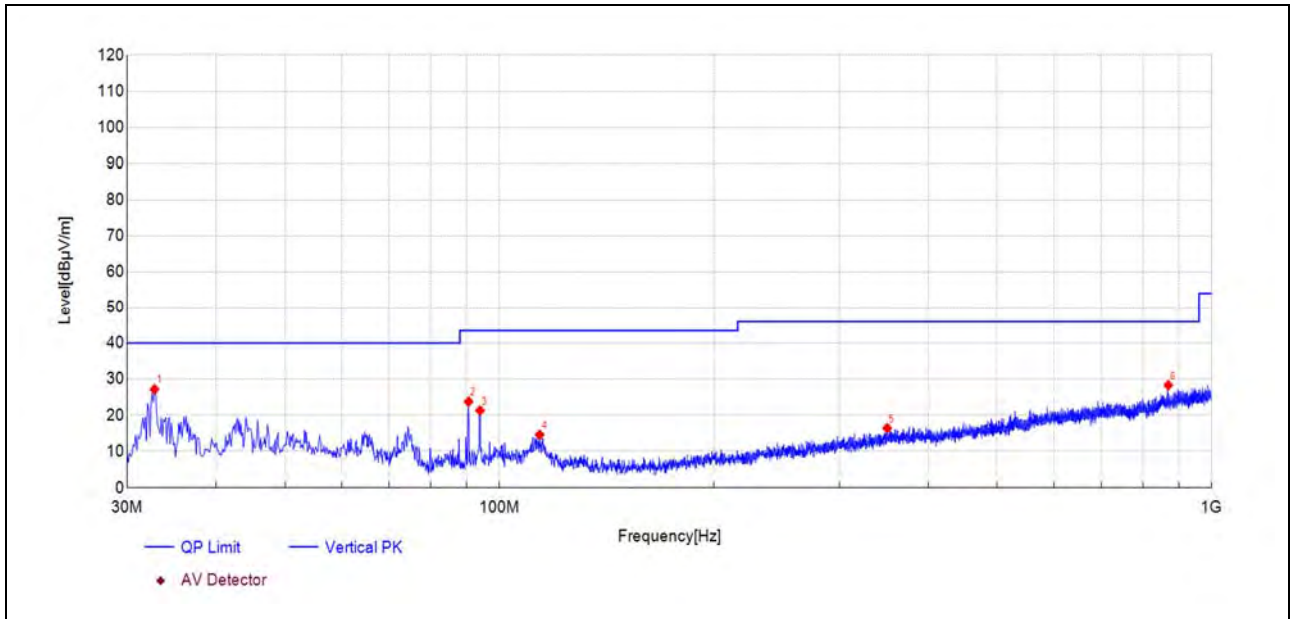
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
32.18	59.1	28.57	-30.480	40.00	11.43	150	30	PK	PASS
36.06	58.2	28.65	-29.570	40.00	11.35	150	340	PK	PASS
81.90	55.1	23.24	-31.840	40.00	16.76	150	270	PK	PASS
90.50	56.7	25.20	-31.460	43.50	18.30	150	170	PK	PASS
264.86	45.9	18.45	-27.440	46.00	27.55	150	300	PK	PASS
869.05	40.1	27.71	-12.430	46.00	18.29	150	280	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

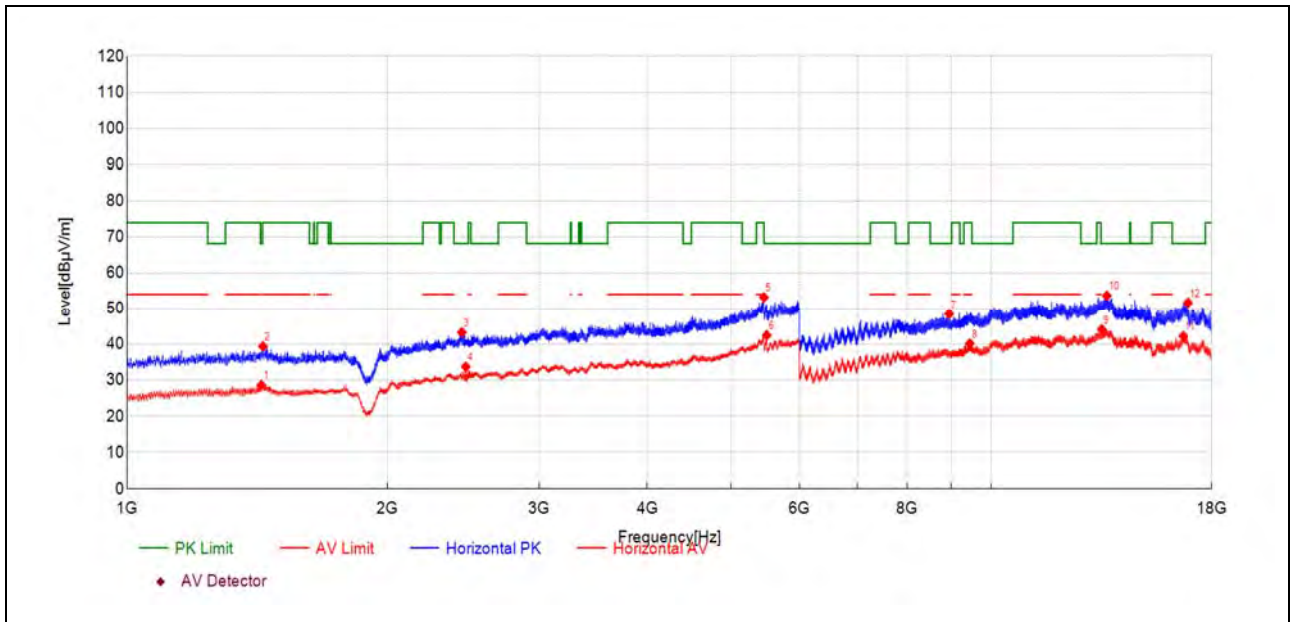
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1212.52	39.4	38.36	-1.070	74.00	35.64	150	311	PK	PASS
1214.02	28.8	27.76	-1.080	54.00	26.24	150	360	AV	PASS
2441.64	26.8	32.81	6.050	-	-	150	134	AV	N/A
2465.15	37.7	43.83	6.160	68.23	24.40	150	134	PK	PASS
5155.92	23.7	40.67	16.930	-	-	150	311	AV	N/A
5156.92	34.9	51.81	16.910	68.23	16.42	150	171	PK	PASS
7794.57	41.8	47.50	5.690	68.23	20.73	150	314	PK	PASS
7824.08	32.8	38.58	5.800	-	-	150	314	AV	N/A
13483.31	27.2	44.12	16.960	-	-	150	241	AV	N/A
13492.31	36.2	53.20	17.020	68.23	15.03	150	298	PK	PASS
16698.45	36.3	52.02	15.730	68.23	16.21	150	328	PK	PASS
16714.45	26.6	42.42	15.780	-	-	150	285	AV	N/A

Plot for Channel 100



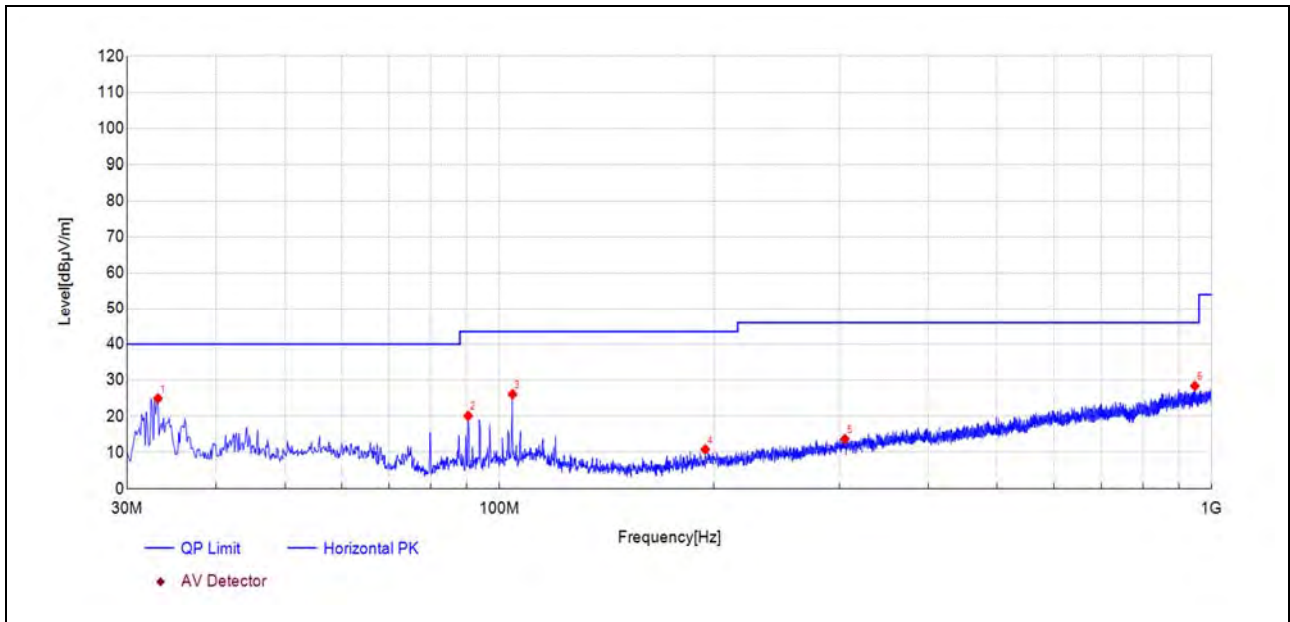
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
32.79	57.6	27.17	-30.470	40.00	12.83	150	10	PK	PASS
90.50	55.2	23.75	-31.460	43.50	19.75	150	100	PK	PASS
93.90	51.9	21.29	-30.590	43.50	22.21	150	170	PK	PASS
113.91	44.1	14.58	-29.510	43.50	28.92	150	280	PK	PASS
350.22	40.3	16.39	-23.880	46.00	29.61	150	330	PK	PASS
869.05	40.8	28.32	-12.430	46.00	17.68	150	150	PK	PASS



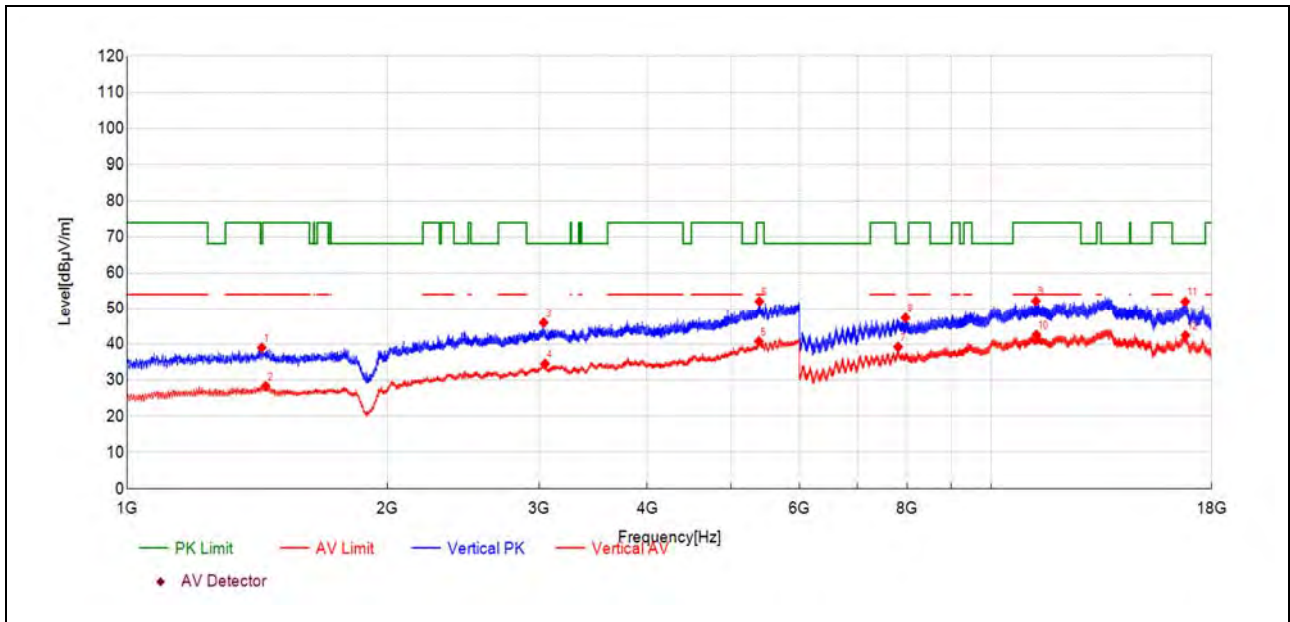
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1430.54	28.5	28.65	0.110	-	-	150	180	AV	N/A
1436.54	39.2	39.39	0.170	74.00	34.61	150	280	PK	PASS
2440.64	37.2	43.32	6.120	68.23	24.91	150	230	PK	PASS
2466.15	27.5	33.74	6.260	-	-	150	250	AV	N/A
5457.95	36.1	53.23	17.180	74.00	20.77	150	130	PK	PASS
5498.45	25.2	42.51	17.310	-	-	150	30	AV	N/A
8942.12	42.0	48.49	6.470	68.23	19.74	150	340	PK	PASS
9449.14	31.7	40.21	8.500	54.00	13.79	150	280	AV	PASS
13429.31	27.6	44.16	16.590	-	-	150	270	AV	N/A
13611.32	36.7	53.69	17.010	68.23	14.54	150	100	PK	PASS
16689.45	26.6	42.25	15.660	-	-	150	170	AV	N/A
16897.45	35.6	51.71	16.160	68.23	16.52	150	30	PK	PASS



(Antenna Vertical, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
33.15	55.3	24.93	-30.370	40.00	15.07	150	70	PK	PASS
90.38	51.6	20.11	-31.500	43.50	23.39	150	110	PK	PASS
104.33	55.6	26.10	-29.510	43.50	17.40	150	120	PK	PASS
194.54	40.4	10.79	-29.570	43.50	32.71	150	330	PK	PASS
305.48	38.8	13.64	-25.120	46.00	32.36	150	160	PK	PASS
946.89	39.5	28.41	-11.040	46.00	17.59	150	60	PK	PASS

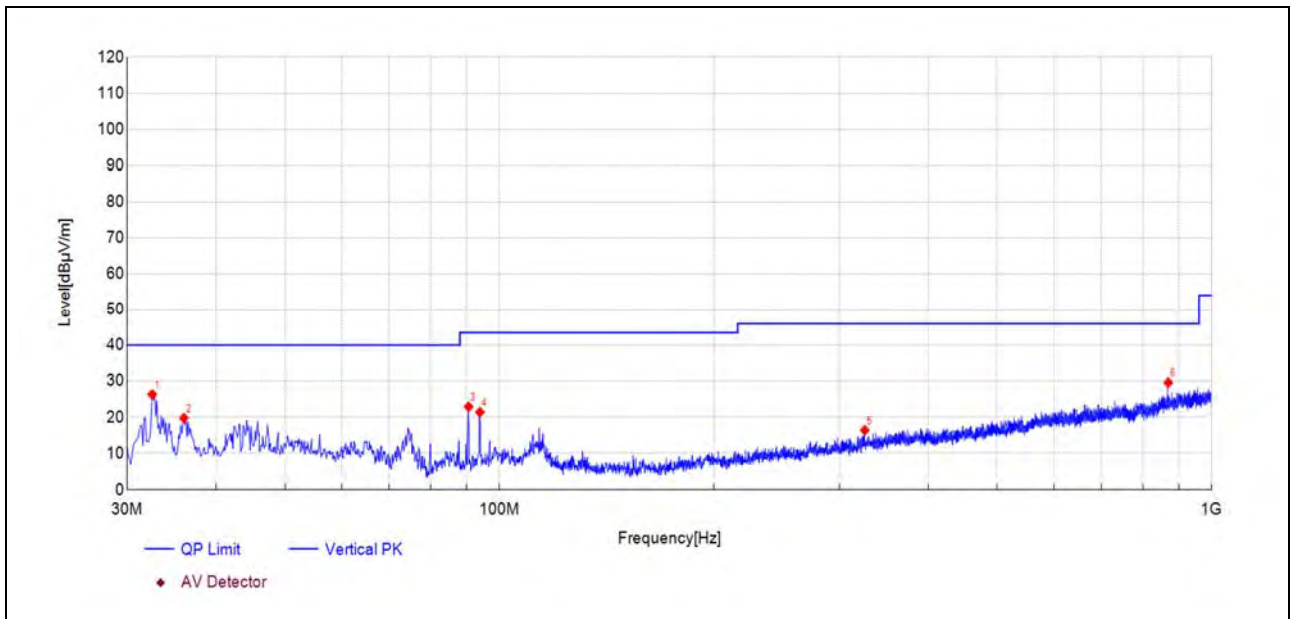


(Antenna Vertical, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1432.04	38.9	39.02	0.130	68.23	29.21	150	260	PK	PASS
1446.54	28.1	28.34	0.250	54.00	25.66	150	350	AV	PASS
3035.20	37.7	46.00	8.280	68.23	22.23	150	110	PK	PASS
3046.20	26.3	34.58	8.290	-	-	150	310	AV	N/A
5385.94	23.2	40.77	17.600	54.00	13.23	150	330	AV	PASS
5392.94	34.4	52.11	17.700	74.00	21.89	150	290	PK	PASS
7803.08	33.5	39.23	5.770	-	-	150	120	AV	N/A
7960.58	42.0	47.38	5.340	68.23	20.85	150	290	PK	PASS
11265.72	38.9	52.23	13.290	74.00	21.77	150	50	PK	PASS
11282.22	29.4	42.64	13.230	54.00	11.36	150	230	AV	PASS
16773.95	36.1	52.02	15.940	68.23	16.21	150	310	PK	PASS
16786.95	26.5	42.48	15.970	-	-	150	200	AV	N/A

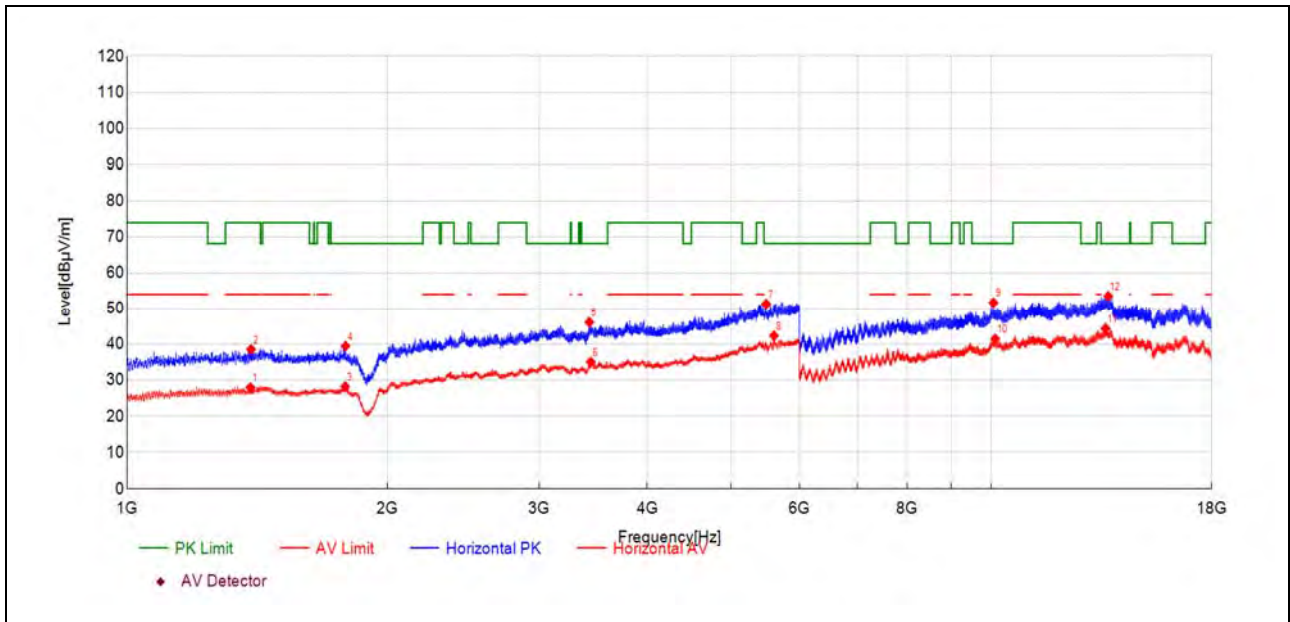


Plot for Channel 120



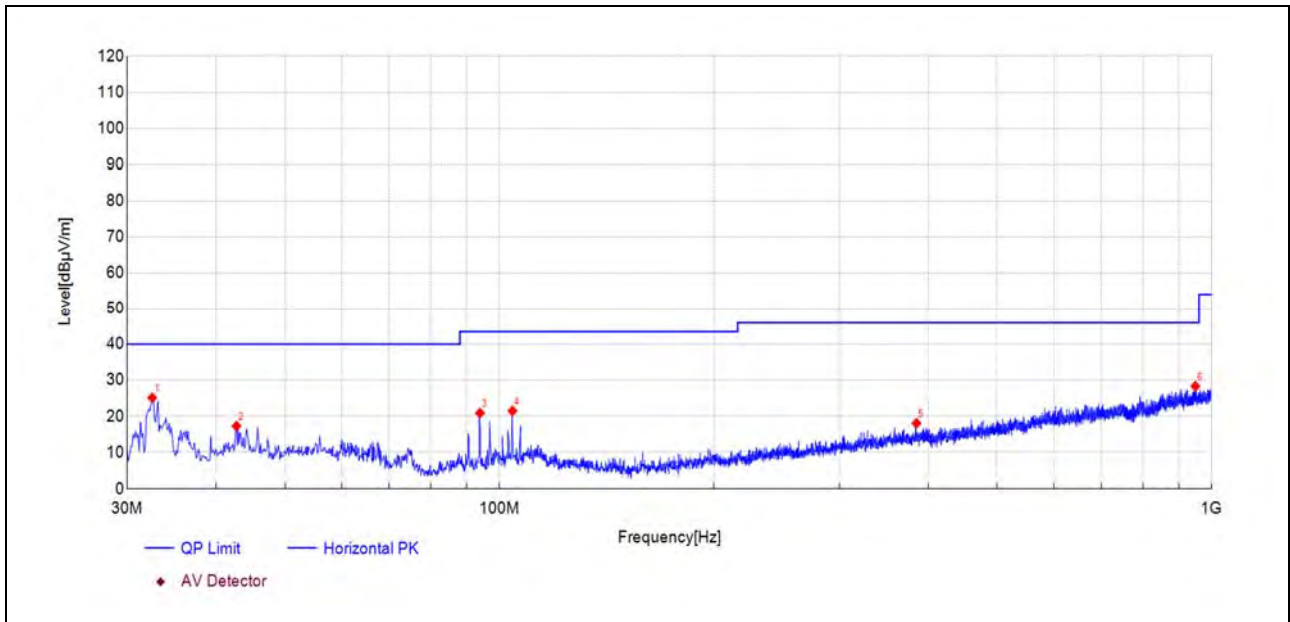
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
32.55	56.8	26.30	-30.470	40.00	13.70	150	100	PK	PASS
36.06	49.3	19.75	-29.570	40.00	20.25	150	230	PK	PASS
90.50	54.4	22.92	-31.460	43.50	20.58	150	80	PK	PASS
93.90	52.0	21.37	-30.590	43.50	22.13	150	90	PK	PASS
325.73	41.0	16.37	-24.590	46.00	29.63	150	310	PK	PASS
869.17	42.0	29.63	-12.410	46.00	16.37	150	60	PK	PASS



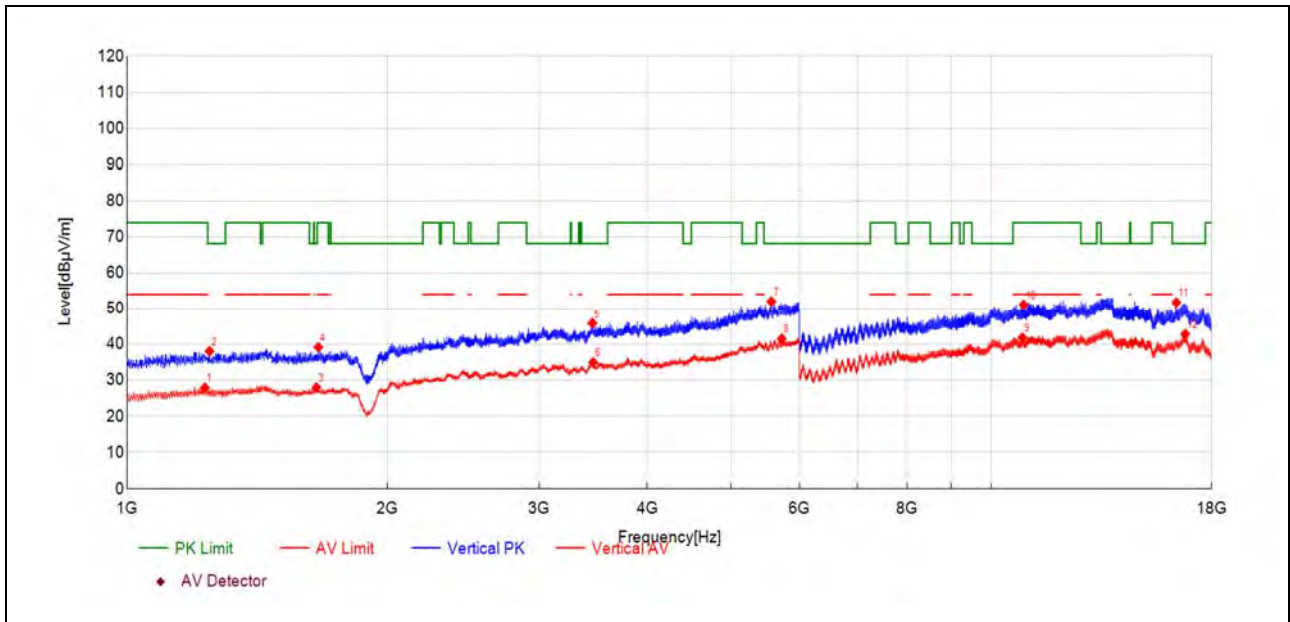
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1389.54	28.3	28.01	-0.250	54.00	25.99	150	360	AV	PASS
1391.54	38.8	38.56	-0.230	74.00	35.44	150	300	PK	PASS
1788.08	27.2	28.25	1.030	-	-	150	30	AV	N/A
1789.58	38.5	39.51	1.030	68.23	28.72	150	360	PK	PASS
3427.74	36.7	46.14	9.400	68.23	22.09	150	260	PK	PASS
3440.24	25.4	35.07	9.670	-	-	150	100	AV	N/A
5489.95	34.1	51.39	17.280	68.23	16.84	150	40	PK	PASS
5605.96	24.3	42.40	18.140	-	-	150	350	AV	N/A
10060.67	41.1	51.74	10.660	68.23	16.49	150	0	PK	PASS
10107.17	30.7	41.52	10.860	-	-	150	200	AV	N/A
13562.82	27.3	44.41	17.090	-	-	150	180	AV	N/A
13663.82	37.1	53.57	16.520	68.23	14.66	150	40	PK	PASS



(Antenna Vertical, 30MHz to 1GHz)

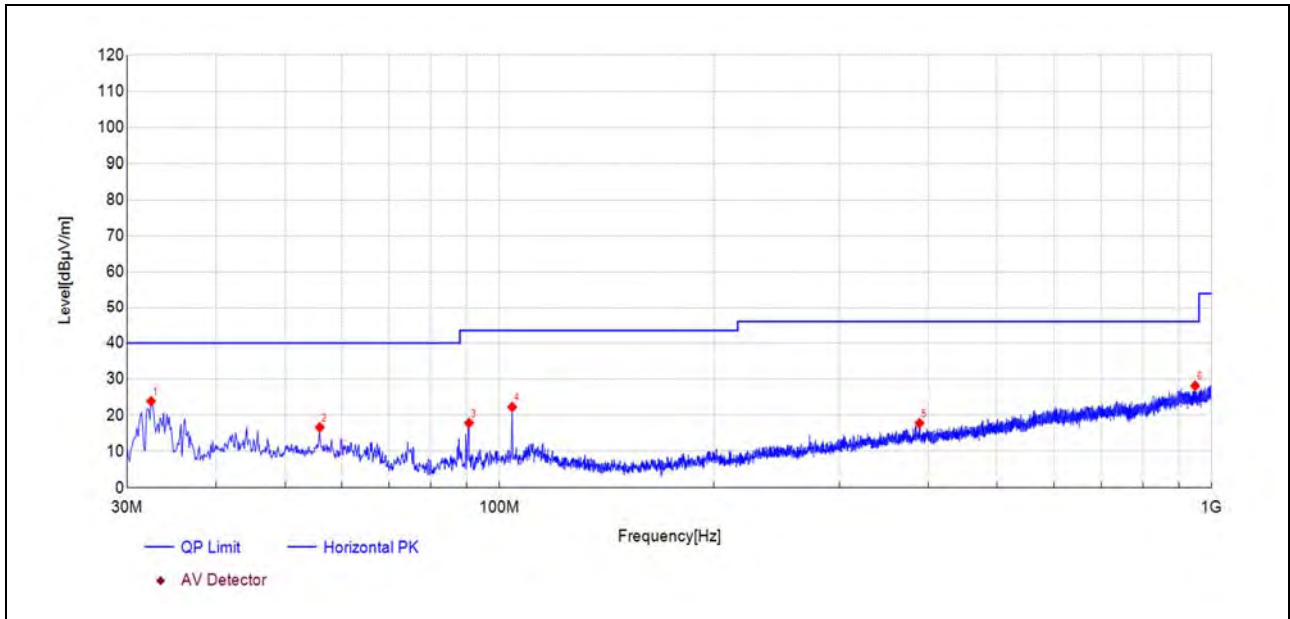
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
32.55	55.6	25.13	-30.470	40.00	14.87	150	250	PK	PASS
42.73	45.5	17.27	-28.200	40.00	22.73	150	10	PK	PASS
93.90	51.5	20.89	-30.590	43.50	22.61	150	340	PK	PASS
104.33	51.0	21.48	-29.510	43.50	22.02	150	330	PK	PASS
384.90	40.7	18.05	-22.600	46.00	27.95	150	110	PK	PASS
948.59	39.3	28.33	-10.980	46.00	17.67	150	230	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

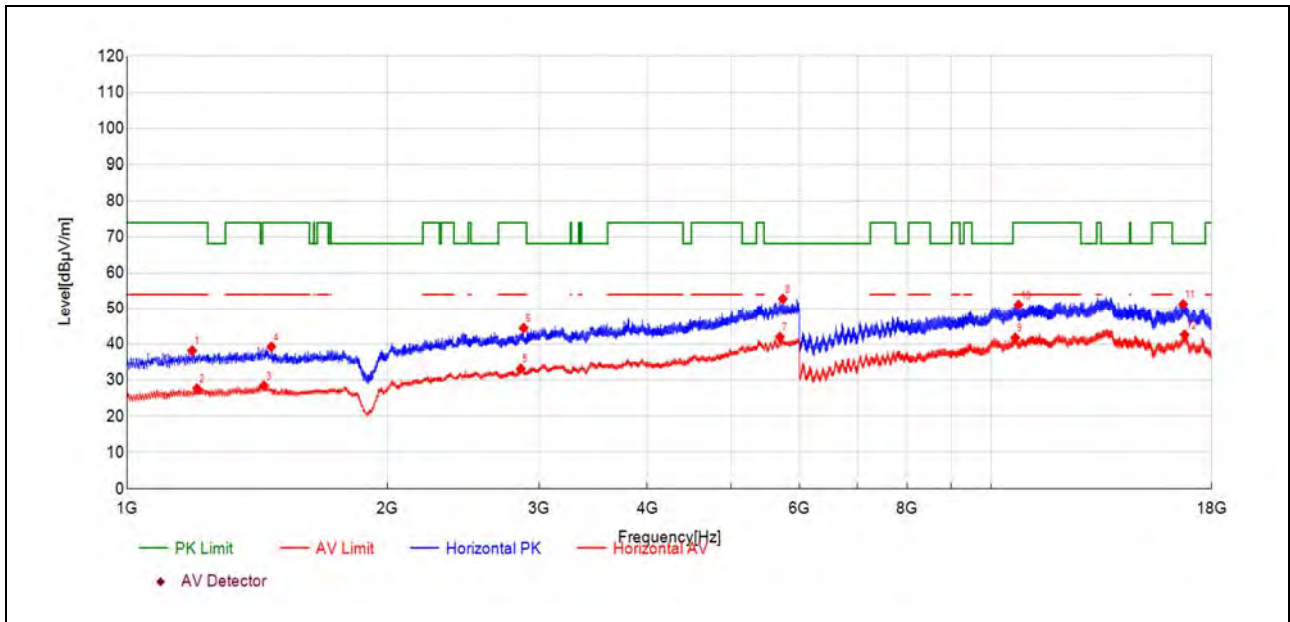
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1230.52	29.1	27.91	-1.200	54.00	26.09	150	100	AV	PASS
1246.02	39.4	38.05	-1.310	68.23	30.18	150	20	PK	PASS
1656.57	28.0	27.99	0.010	-	-	150	260	AV	N/A
1665.07	39.1	39.17	0.080	74.00	34.83	150	140	PK	PASS
3455.75	36.0	45.86	9.870	68.23	22.37	150	170	PK	PASS
3463.25	25.1	34.97	9.830	-	-	150	290	AV	N/A
5567.96	34.6	52.04	17.450	68.23	16.19	150	110	PK	PASS
5724.47	23.0	41.54	18.590	-	-	150	120	AV	N/A
10869.20	29.2	41.81	12.660	54.00	12.19	150	190	AV	PASS
10905.70	38.0	51.15	13.120	74.00	22.85	150	80	PK	PASS
16379.43	37.2	51.79	14.630	68.23	16.44	150	150	PK	PASS
16774.45	26.9	42.83	15.940	-	-	150	250	AV	N/A

Plot for Channel 100



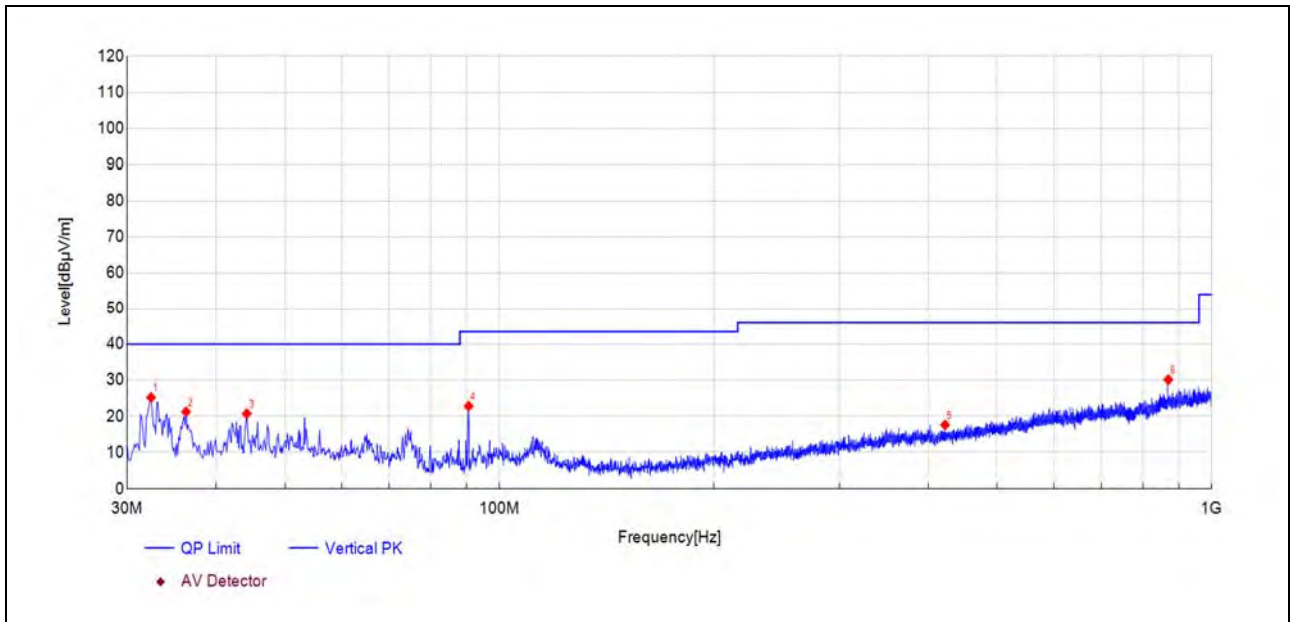
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
32.43	54.4	23.91	-30.470	40.00	16.09	150	250	PK	PASS
55.95	44.7	16.62	-28.030	40.00	23.38	150	290	PK	PASS
90.63	49.3	17.84	-31.420	43.50	25.66	150	220	PK	PASS
104.21	51.8	22.27	-29.570	43.50	21.23	150	190	PK	PASS
388.78	40.4	17.76	-22.660	46.00	28.24	150	350	PK	PASS
947.62	39.2	28.16	-11.020	46.00	17.84	150	250	PK	PASS



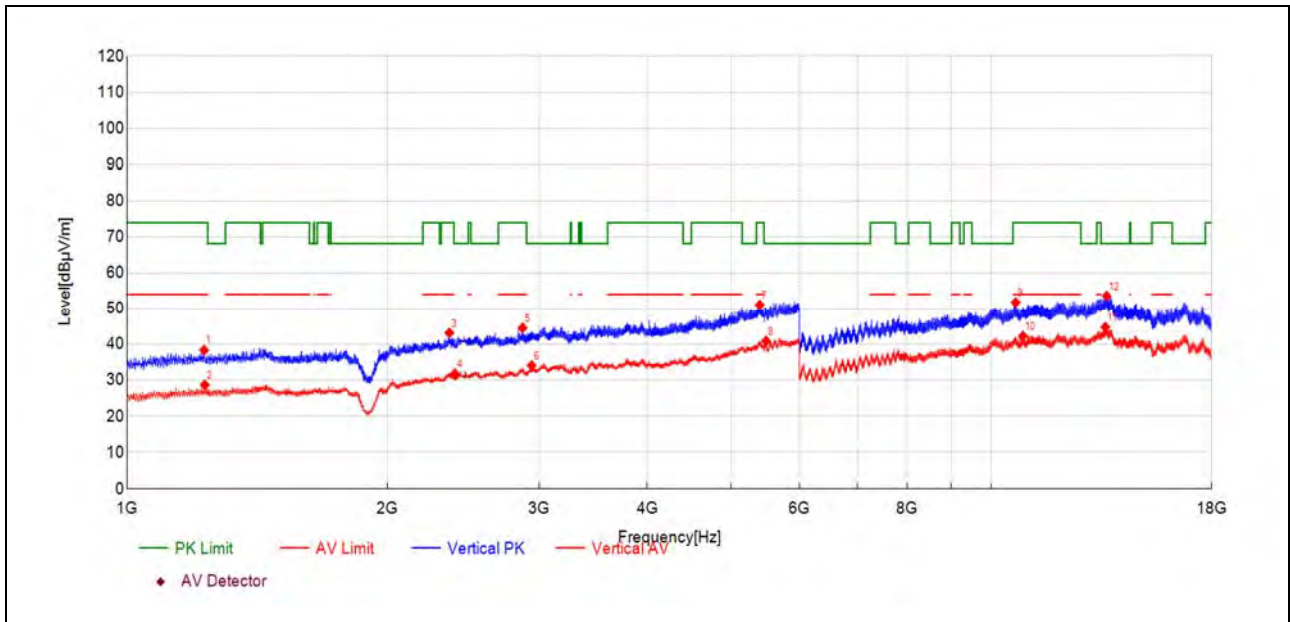
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1189.52	39.4	38.23	-1.160	74.00	35.77	150	300	PK	PASS
1205.52	28.7	27.72	-1.020	54.00	26.28	150	210	AV	PASS
1440.04	28.3	28.50	0.190	54.00	25.50	150	40	AV	PASS
1469.05	39.3	39.30	0.010	74.00	34.70	150	50	PK	PASS
2855.19	25.6	33.24	7.650	54.00	20.76	150	70	AV	PASS
2877.19	36.9	44.50	7.650	74.00	29.50	150	330	PK	PASS
5695.47	23.5	42.01	18.520	-	-	150	270	AV	N/A
5739.97	34.2	52.84	18.610	68.23	15.39	150	360	PK	PASS
10662.69	29.4	41.80	12.360	54.00	12.20	150	180	AV	PASS
10759.20	39.2	51.17	11.960	74.00	22.83	150	160	PK	PASS
16682.45	35.7	51.32	15.610	68.23	16.91	150	70	PK	PASS
16744.95	26.8	42.64	15.860	-	-	150	210	AV	N/A



(Antenna Vertical, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
32.43	55.7	25.20	-30.470	40.00	14.80	150	250	PK	PASS
36.31	50.7	21.24	-29.500	40.00	18.76	150	340	PK	PASS
44.19	48.6	20.70	-27.870	40.00	19.30	150	70	PK	PASS
90.50	54.2	22.78	-31.460	43.50	20.72	150	110	PK	PASS
422.37	40.0	17.60	-22.410	46.00	28.40	150	280	PK	PASS
869.17	42.6	30.16	-12.410	46.00	15.84	150	10	PK	PASS

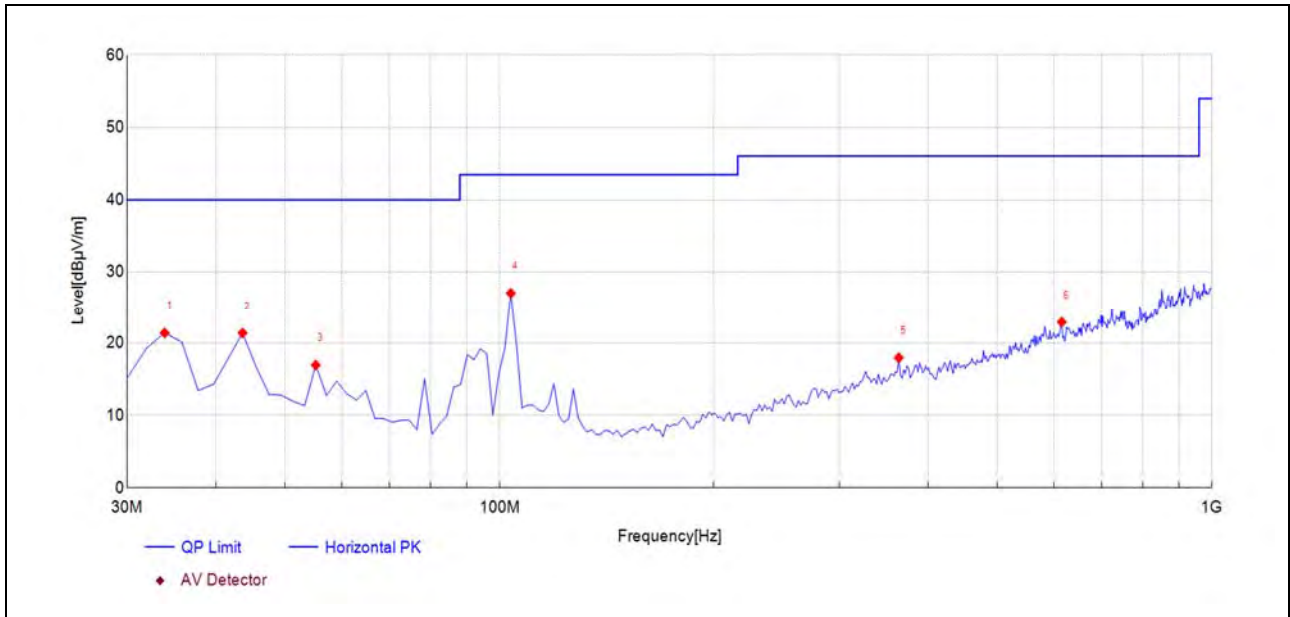


(Antenna Vertical, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1228.02	39.5	38.35	-1.180	74.00	35.65	150	180	PK	PASS
1230.52	29.9	28.66	-1.200	54.00	25.34	150	10	AV	PASS
2360.64	37.9	43.15	5.240	74.00	30.85	150	310	PK	PASS
2396.14	26.4	31.79	5.420	-	-	150	240	AV	N/A
2869.69	36.9	44.55	7.650	74.00	29.45	150	320	PK	PASS
2939.69	26.5	34.06	7.600	-	-	150	180	AV	N/A
5397.94	33.3	51.10	17.760	74.00	22.90	150	20	PK	PASS
5489.95	23.6	40.91	17.280	-	-	150	250	AV	N/A
10675.19	39.4	51.81	12.410	74.00	22.19	150	220	PK	PASS
10886.20	29.3	42.27	12.930	54.00	11.73	150	260	AV	PASS
13557.31	27.7	44.75	17.090	-	-	150	100	AV	N/A
13607.32	36.6	53.64	17.040	68.23	14.59	150	20	PK	PASS

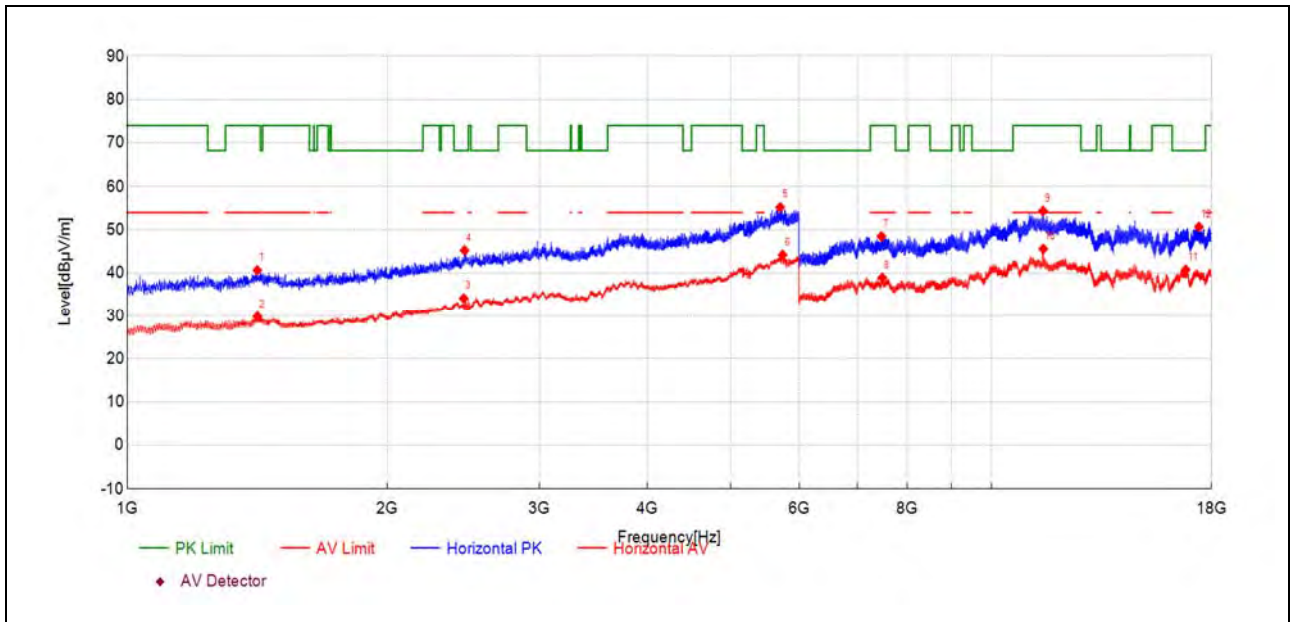


Plot for Channel 149



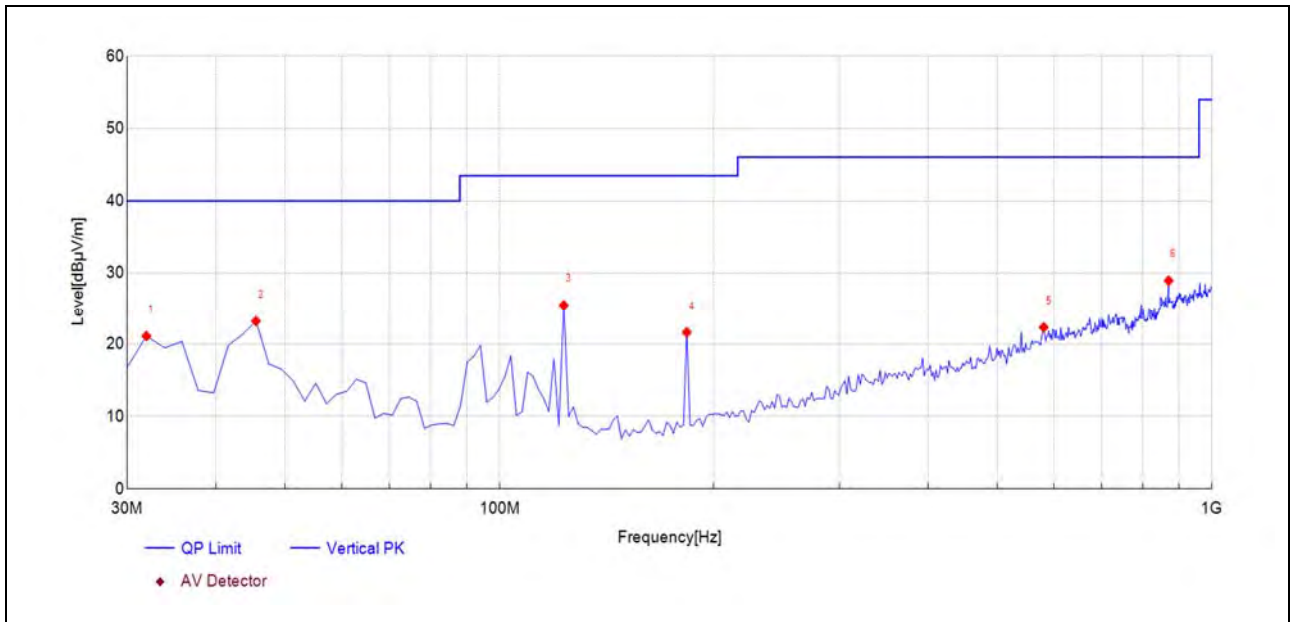
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
33.88	51.3	21.43	-29.910	40.00	18.57	150	303	PK	PASS
43.58	49.3	21.41	-27.900	40.00	18.59	150	21	PK	PASS
55.22	44.8	16.96	-27.830	40.00	23.04	150	266	PK	PASS
103.72	56.6	27.05	-29.590	43.50	16.45	150	69	PK	PASS
363.68	41.4	17.97	-23.410	46.00	28.03	150	138	PK	PASS
615.88	40.3	22.94	-17.370	46.00	23.06	150	261	PK	PASS



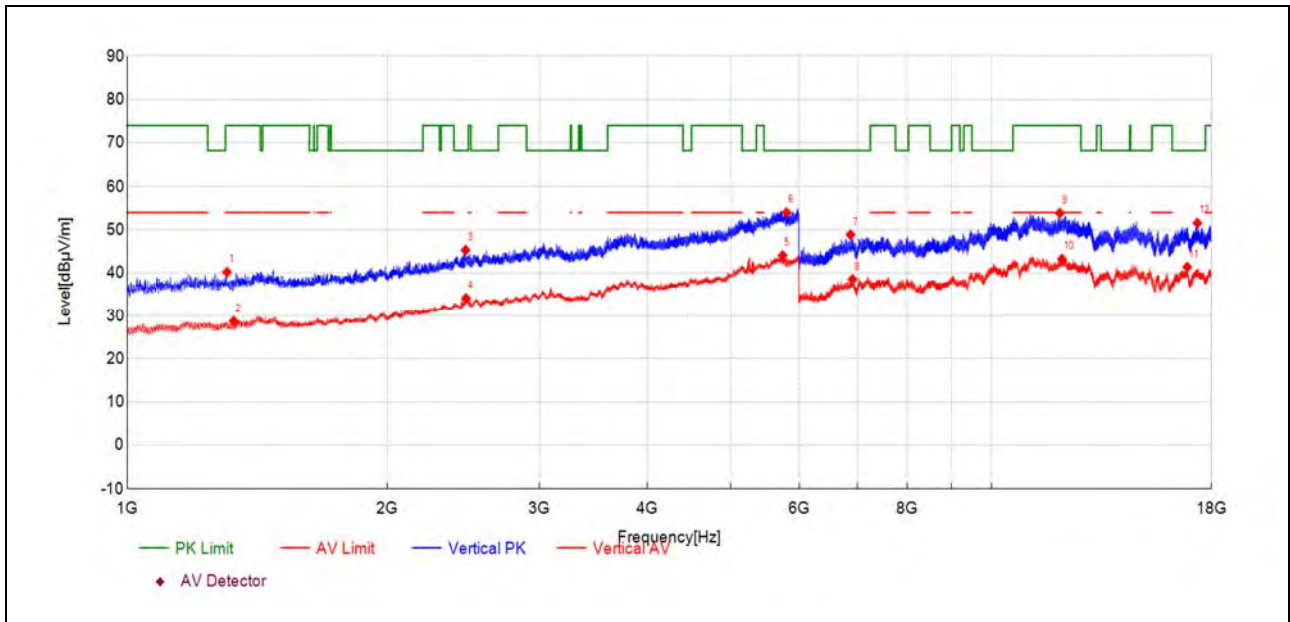
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1415.04	40.5	40.66	0.160	74.00	33.34	150	47	PK	PASS
1415.54	29.7	29.81	0.160	54.00	24.19	150	234	AV	PASS
2452.65	27.6	34.12	6.530	-	-	150	348	AV	N/A
2458.15	38.7	45.25	6.540	68.23	22.98	150	7	PK	PASS
5699.97	35.7	55.22	19.490	68.23	13.01	150	355	PK	PASS
5737.47	24.8	44.21	19.410	-	-	150	0	AV	N/A
7465.06	44.0	48.50	4.540	74.00	25.50	150	139	PK	PASS
7482.56	34.3	38.94	4.660	54.00	15.06	150	139	AV	PASS
11483.73	40.1	54.38	14.280	74.00	19.62	150	170	PK	PASS
11490.23	31.3	45.61	14.290	54.00	8.39	150	179	AV	PASS
16793.45	26.4	40.78	14.400	-	-	150	66	AV	N/A
17396.97	36.8	50.68	13.850	68.23	17.55	150	314	PK	PASS



(Antenna Vertical, 30MHz to 1GHz)

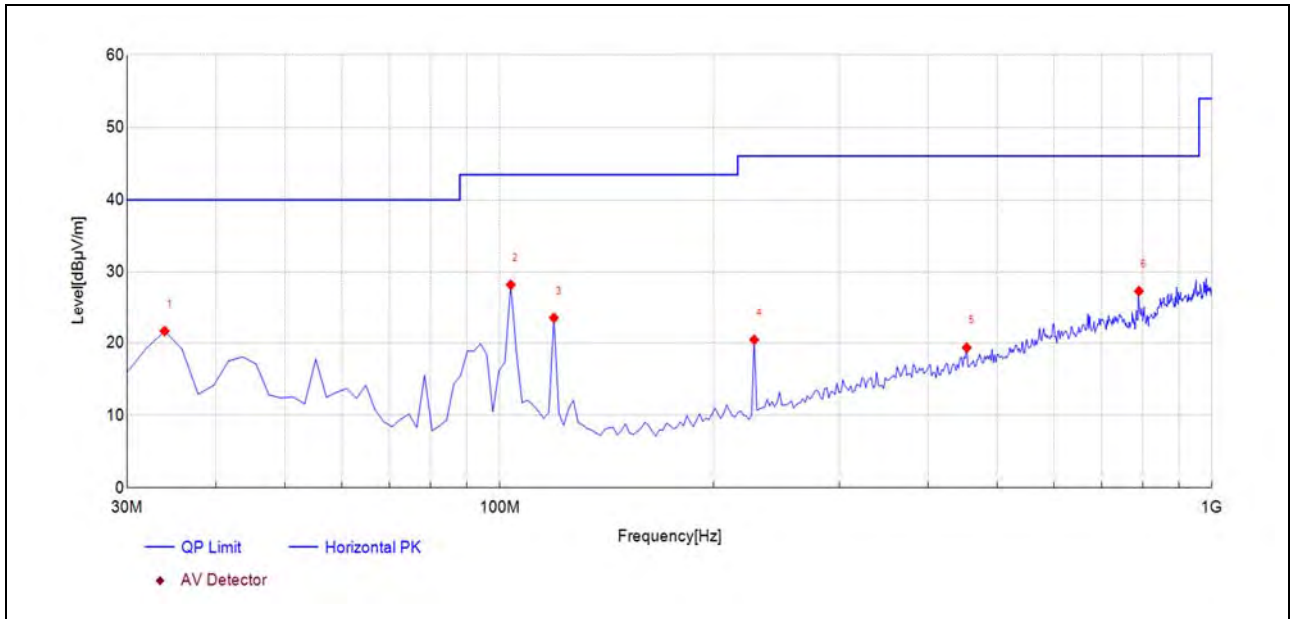
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
31.94	51.6	21.13	-30.490	40.00	18.87	150	211	PK	PASS
45.52	51.5	23.22	-28.290	40.00	16.78	150	291	PK	PASS
123.12	56.7	25.51	-31.140	43.50	17.99	150	216	PK	PASS
183.26	52.0	21.65	-30.380	43.50	21.85	150	211	PK	PASS
580.96	40.0	22.36	-17.630	46.00	23.64	150	35	PK	PASS
870.02	41.2	28.95	-12.280	46.00	17.05	150	344	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

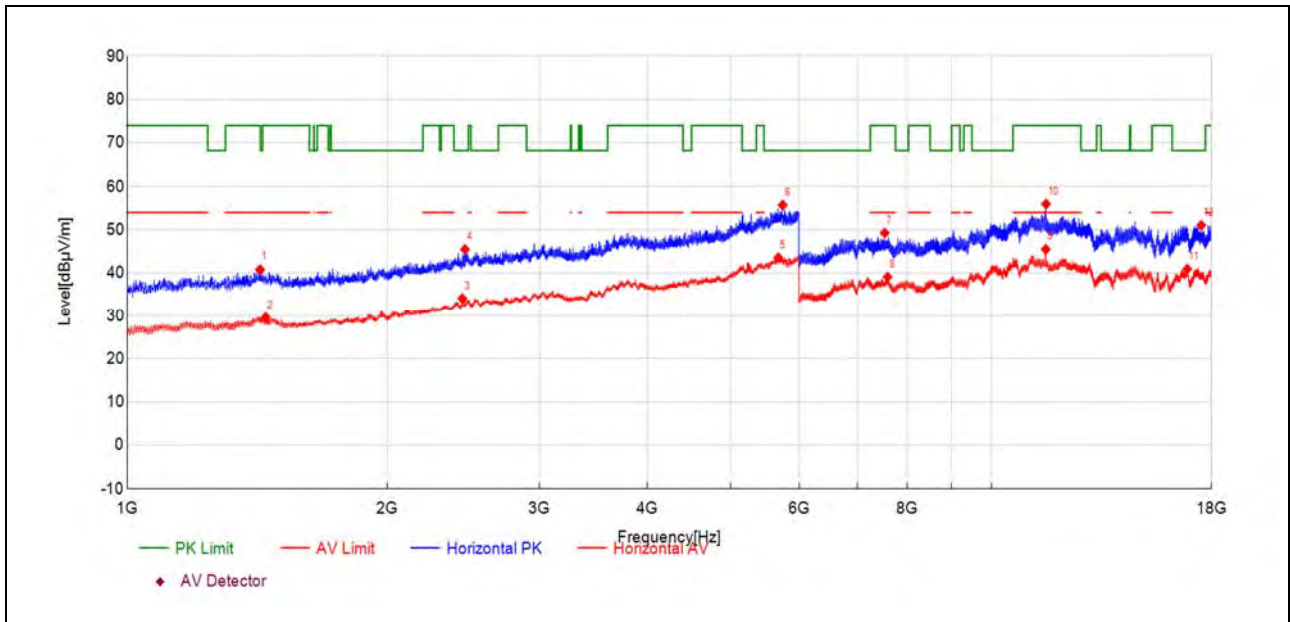
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1305.03	41.1	40.23	-0.860	74.00	33.77	150	100	PK	PASS
1329.03	29.5	28.73	-0.740	54.00	25.27	150	147	AV	PASS
2464.65	38.8	45.30	6.550	68.23	22.93	150	268	PK	PASS
2468.15	27.6	34.15	6.560	-	-	150	328	AV	N/A
5736.97	24.7	44.06	19.410	-	-	150	21	AV	N/A
5796.48	35.1	54.02	18.910	68.23	14.21	150	281	PK	PASS
6876.04	44.9	48.90	3.970	68.23	19.33	150	5	PK	PASS
6911.54	34.8	38.55	3.720	-	-	150	57	AV	N/A
12007.25	39.7	53.87	14.200	74.00	20.13	150	304	PK	PASS
12079.25	28.8	43.26	14.510	54.00	10.74	150	47	AV	PASS
16862.45	26.5	41.40	14.950	-	-	150	314	AV	N/A
17326.47	38.3	51.58	13.300	68.23	16.65	150	88	PK	PASS

Plot for Channel 157



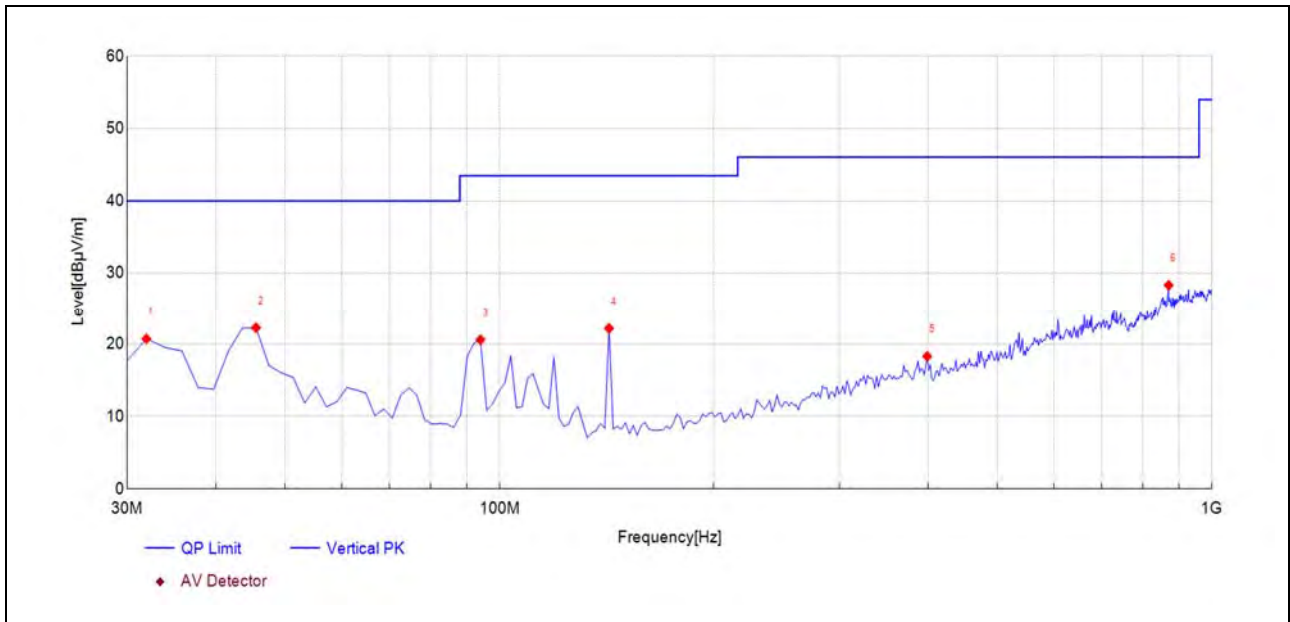
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
33.88	51.6	21.68	-29.910	40.00	18.32	150	157	PK	PASS
103.72	57.8	28.23	-29.590	43.50	15.27	150	189	PK	PASS
119.24	54.2	23.51	-30.660	43.50	19.99	150	88	PK	PASS
227.88	48.9	20.47	-28.450	46.00	25.53	150	51	PK	PASS
452.92	41.0	19.37	-21.610	46.00	26.63	150	9	PK	PASS
790.48	42.1	27.36	-14.760	46.00	18.64	150	152	PK	PASS



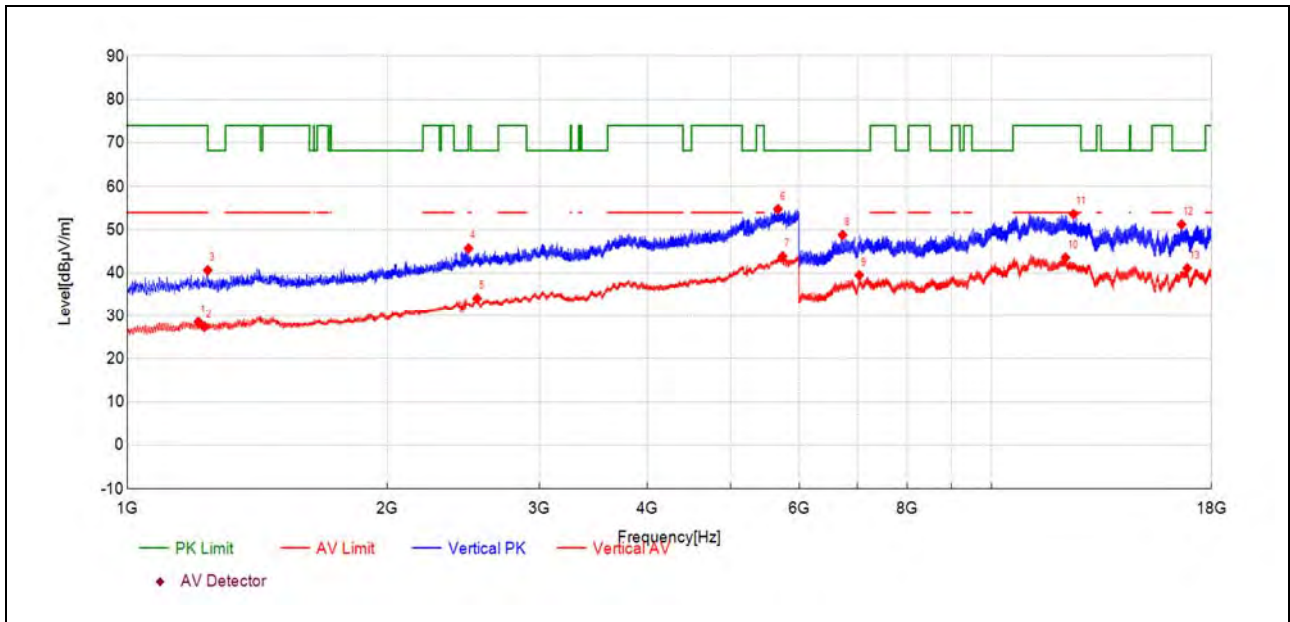
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1425.54	40.6	40.81	0.240	74.00	33.19	150	308	PK	PASS
1447.04	29.2	29.59	0.420	54.00	24.41	150	349	AV	PASS
2443.64	27.7	34.08	6.400	-	-	150	349	AV	N/A
2461.15	38.9	45.49	6.550	68.23	22.74	150	102	PK	PASS
5672.47	24.5	43.56	19.090	-	-	150	89	AV	N/A
5738.97	36.3	55.74	19.400	68.23	12.49	150	23	PK	PASS
7531.06	44.8	49.29	4.540	74.00	24.71	150	251	PK	PASS
7588.07	34.3	39.10	4.800	54.00	14.90	150	25	AV	PASS
11567.23	31.4	45.51	14.130	54.00	8.49	150	170	AV	PASS
11575.23	41.9	55.99	14.120	74.00	18.01	150	35	PK	PASS
16862.95	26.0	40.94	14.960	-	-	150	241	AV	N/A
17502.98	36.3	51.05	14.780	68.23	17.18	150	262	PK	PASS



(Antenna Vertical, 30MHz to 1GHz)

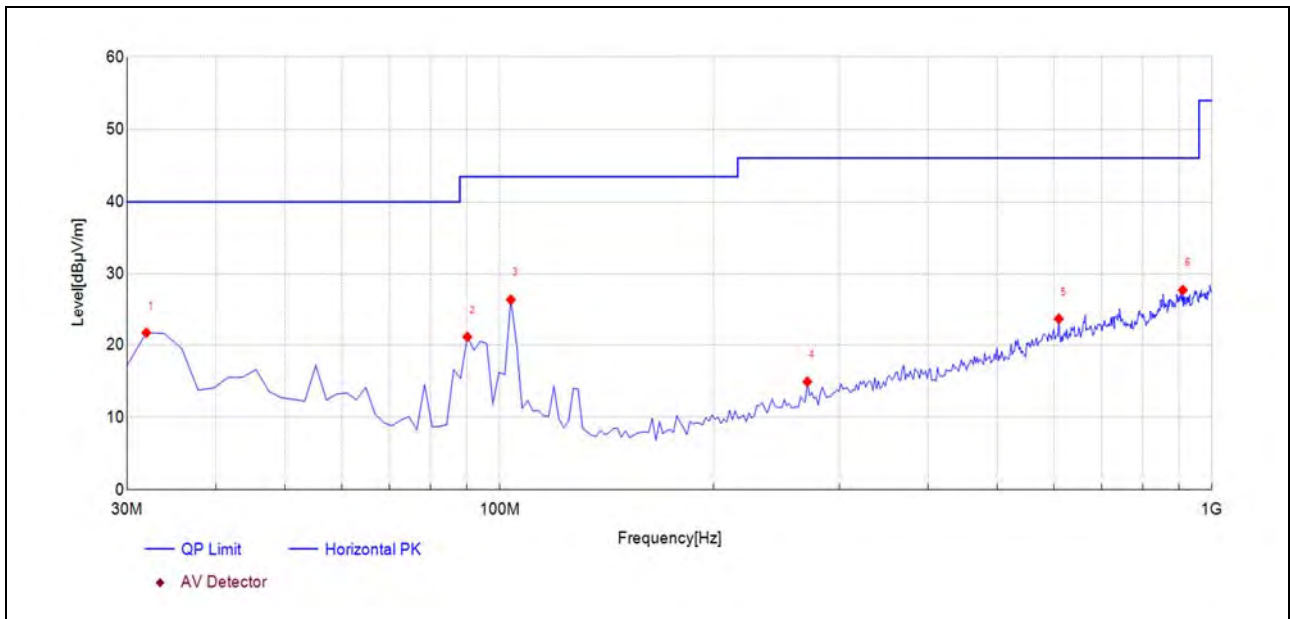
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
31.94	51.2	20.75	-30.490	40.00	19.25	150	112	PK	PASS
45.52	50.6	22.29	-28.290	40.00	17.71	150	48	PK	PASS
94.02	51.2	20.62	-30.530	43.50	22.88	150	276	PK	PASS
142.52	53.9	22.21	-31.730	43.50	21.29	150	43	PK	PASS
398.60	40.8	18.31	-22.470	46.00	27.69	150	335	PK	PASS
870.02	40.6	28.32	-12.280	46.00	17.68	150	325	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

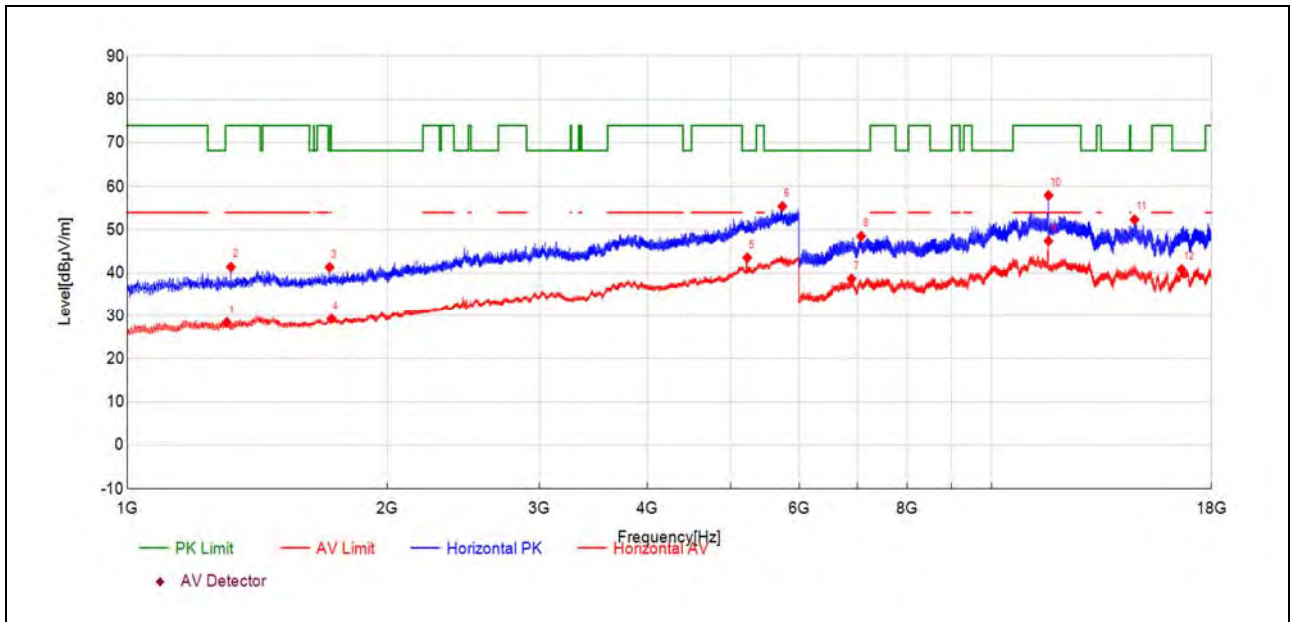
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1209.52	29.3	28.50	-0.800	54.00	25.50	150	80	AV	PASS
1228.52	28.3	27.33	-0.990	54.00	26.67	150	47	AV	PASS
1240.02	41.8	40.65	-1.100	68.23	27.58	150	33	PK	PASS
2485.15	39.1	45.70	6.590	74.00	28.30	150	159	PK	PASS
2541.65	27.9	34.13	6.220	-	-	150	296	AV	N/A
5665.47	35.8	54.80	19.000	68.23	13.43	150	303	PK	PASS
5736.47	24.5	43.88	19.410	-	-	150	250	AV	N/A
6731.53	45.5	48.82	3.290	68.23	19.41	150	297	PK	PASS
7036.54	35.7	39.53	3.810	-	-	150	108	AV	N/A
12192.26	28.8	43.58	14.800	54.00	10.42	150	360	AV	PASS
12460.27	39.0	53.63	14.640	74.00	20.37	150	25	PK	PASS
16608.94	37.2	51.25	14.050	68.23	16.98	150	117	PK	PASS
16867.45	26.1	41.12	15.000	-	-	150	191	AV	N/A

Plot for Channel 165



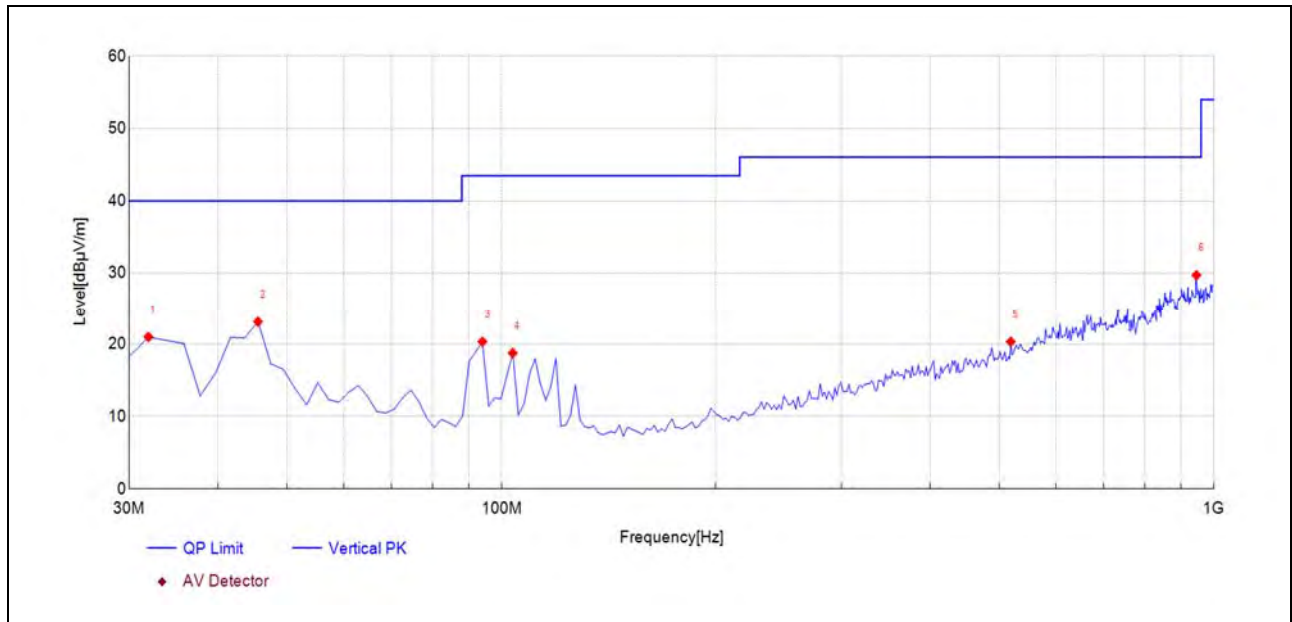
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
31.94	52.2	21.72	-30.490	40.00	18.28	150	107	PK	PASS
90.14	52.7	21.14	-31.580	43.50	22.36	150	325	PK	PASS
103.72	56.0	26.44	-29.590	43.50	17.06	150	351	PK	PASS
270.56	41.9	14.92	-26.940	46.00	31.08	150	6	PK	PASS
610.06	41.0	23.66	-17.300	46.00	22.34	150	240	PK	PASS
910.76	39.8	27.77	-12.050	46.00	18.23	150	64	PK	PASS



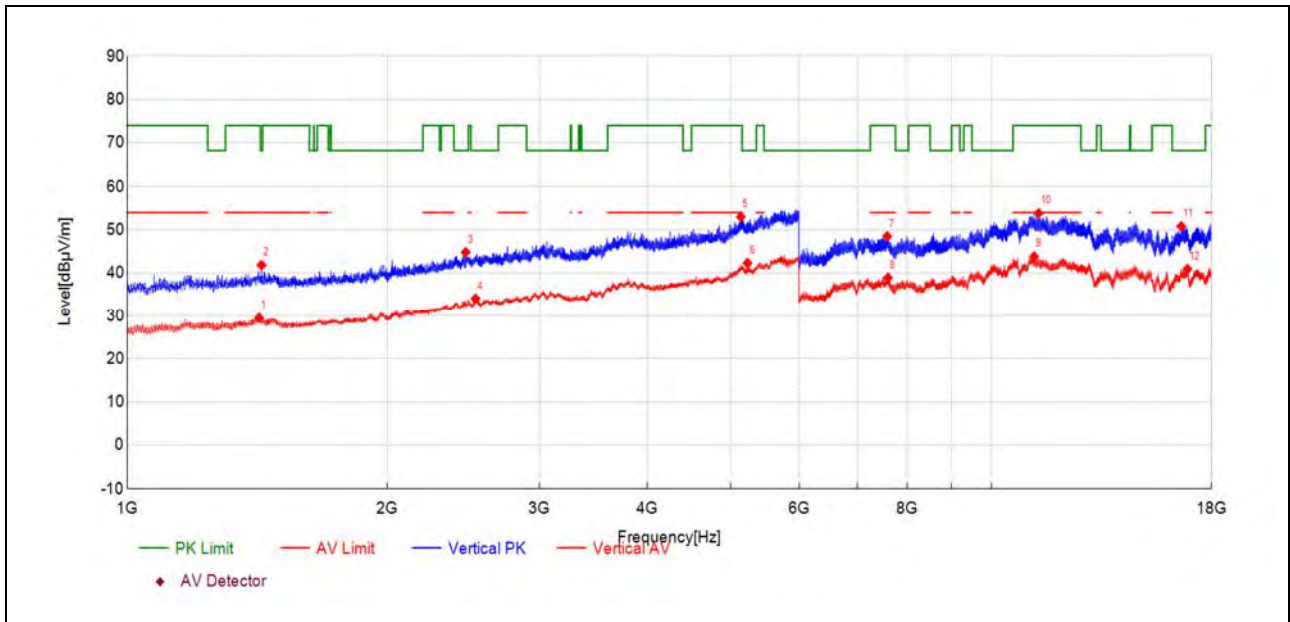
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1304.53	29.3	28.41	-0.870	54.00	25.59	150	182	AV	PASS
1319.03	42.2	41.42	-0.790	74.00	32.58	150	202	PK	PASS
1715.57	40.7	41.36	0.690	68.23	26.87	150	215	PK	PASS
1723.57	28.5	29.26	0.760	-	-	150	262	AV	N/A
5220.92	27.4	43.57	16.200	-	-	150	269	AV	N/A
5732.97	36.0	55.44	19.410	68.23	12.79	150	14	PK	PASS
6894.54	34.8	38.68	3.880	-	-	150	190	AV	N/A
7072.54	44.5	48.54	4.060	68.23	19.69	150	159	PK	PASS
11650.74	33.7	47.44	13.790	54.00	6.56	150	35	AV	PASS
11652.24	44.2	57.99	13.780	74.00	16.01	150	46	PK	PASS
14653.36	36.9	52.38	15.460	68.23	15.85	150	354	PK	PASS
16612.94	26.8	40.83	14.080	-	-	150	241	AV	N/A



(Antenna Vertical, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
31.94	51.5	21.01	-30.490	40.00	18.99	150	51	PK	PASS
45.52	51.4	23.14	-28.290	40.00	16.86	150	275	PK	PASS
94.02	50.9	20.35	-30.530	43.50	23.15	150	205	PK	PASS
103.72	48.4	18.77	-29.590	43.50	24.73	150	211	PK	PASS
518.88	40.6	20.35	-20.230	46.00	25.65	150	93	PK	PASS
945.68	40.8	29.71	-11.100	46.00	16.29	150	221	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1422.04	29.2	29.44	0.210	54.00	24.56	150	8	AV	PASS
1431.54	41.5	41.83	0.300	68.23	26.40	150	135	PK	PASS
2465.65	38.3	44.82	6.560	68.23	23.41	150	35	PK	PASS
2531.15	27.7	34.04	6.320	-	-	150	1	AV	N/A
5132.91	36.5	53.02	16.520	74.00	20.98	150	135	PK	PASS
5224.42	26.0	42.30	16.260	-	-	150	221	AV	N/A
7579.57	43.8	48.50	4.720	74.00	25.50	150	312	PK	PASS
7597.07	34.0	38.94	4.900	54.00	15.06	150	211	AV	PASS
11216.22	30.1	43.85	13.760	54.00	10.15	150	77	AV	PASS
11348.72	40.3	53.85	13.590	74.00	20.15	150	170	PK	PASS
16597.94	36.9	50.82	13.970	68.23	17.41	150	323	PK	PASS
16875.45	25.9	40.92	15.070	-	-	150	211	AV	N/A

— END OF REPORT —