



PSD NVNT n20 5300MHz Ant1



PSD NVNT n20 5320MHz Ant1





PSD NVNT n20 5500MHz Ant1



PSD NVNT n20 5580MHz Ant1



PSD NVNT n20 5700MHz Ant1



PSD NVNT n20 5745MHz Ant1





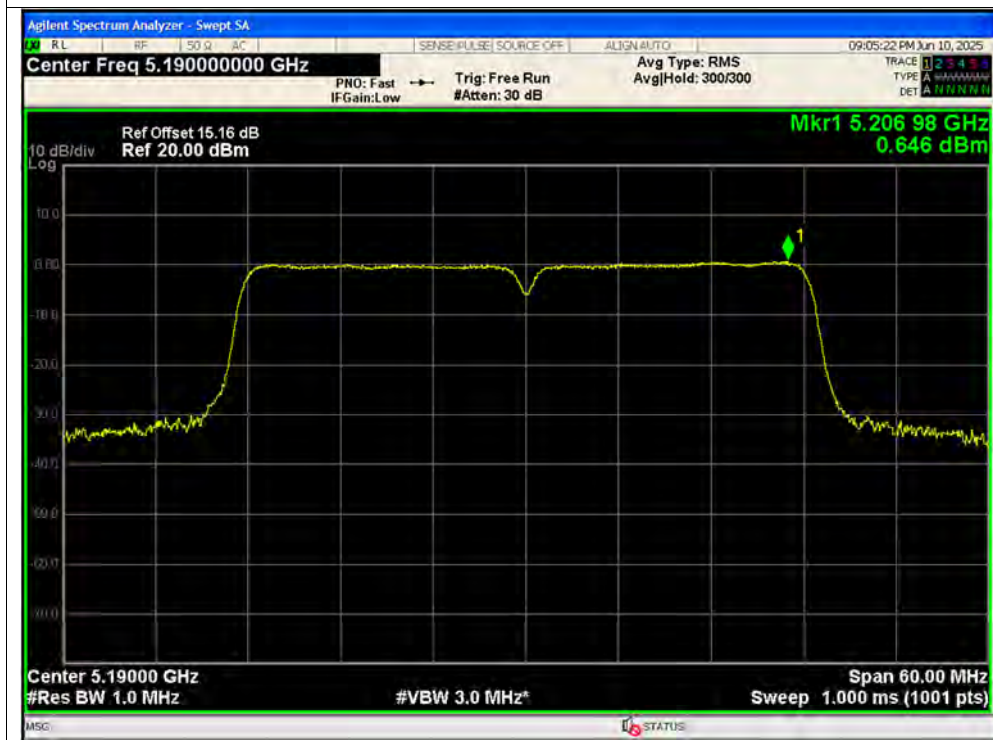
PSD NVNT n20 5785MHz Ant1



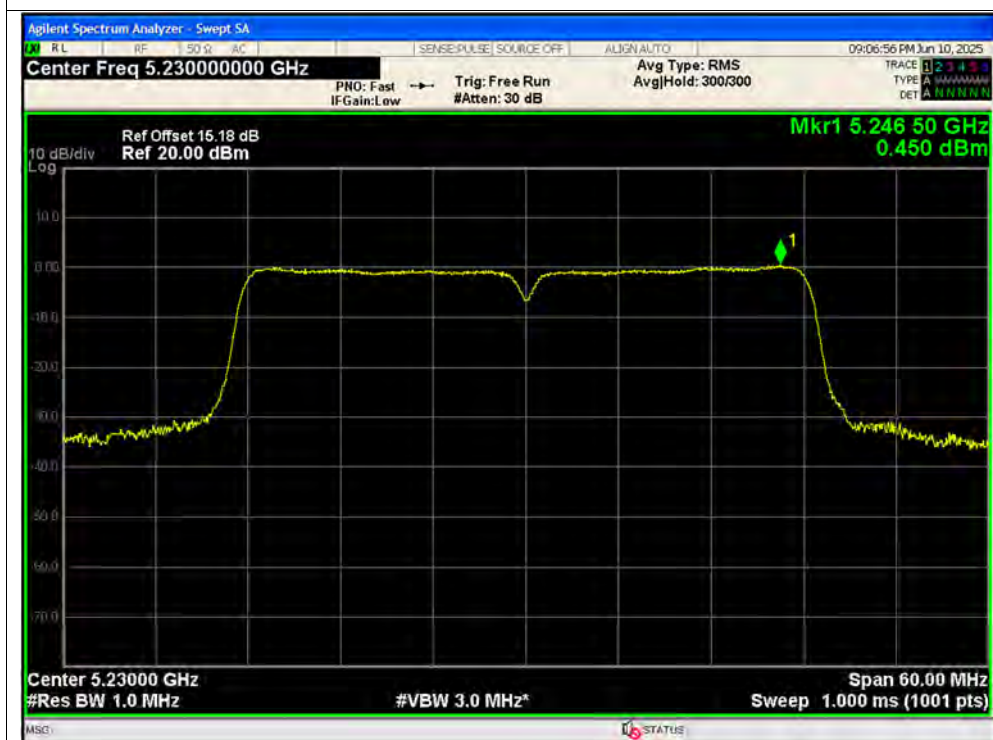
PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

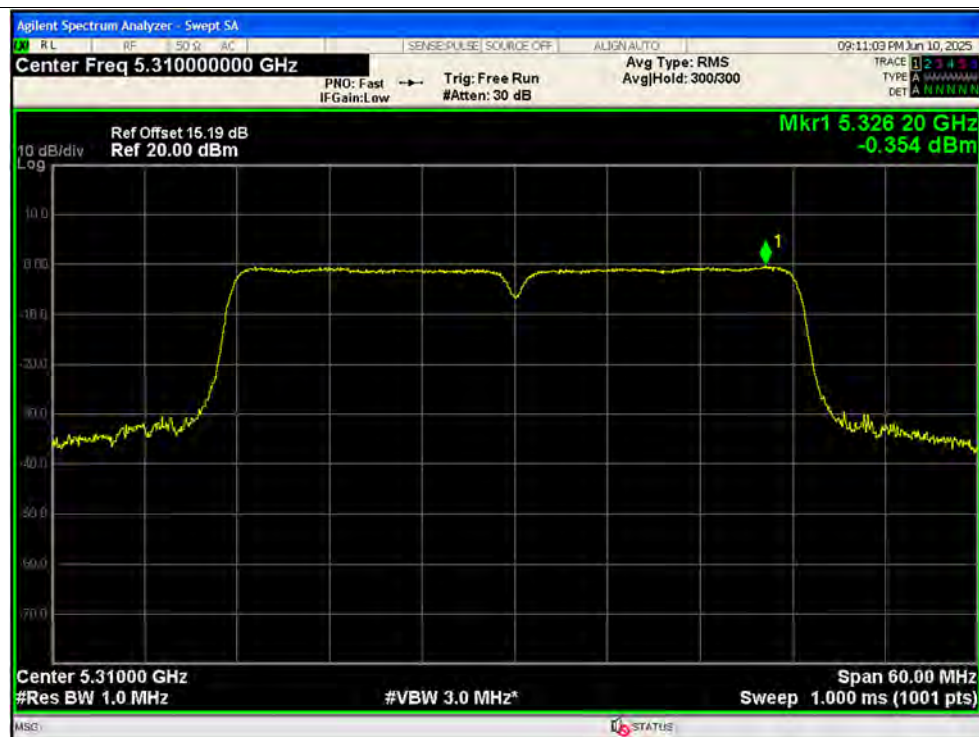




PSD NVNT n40 5270MHz Ant1



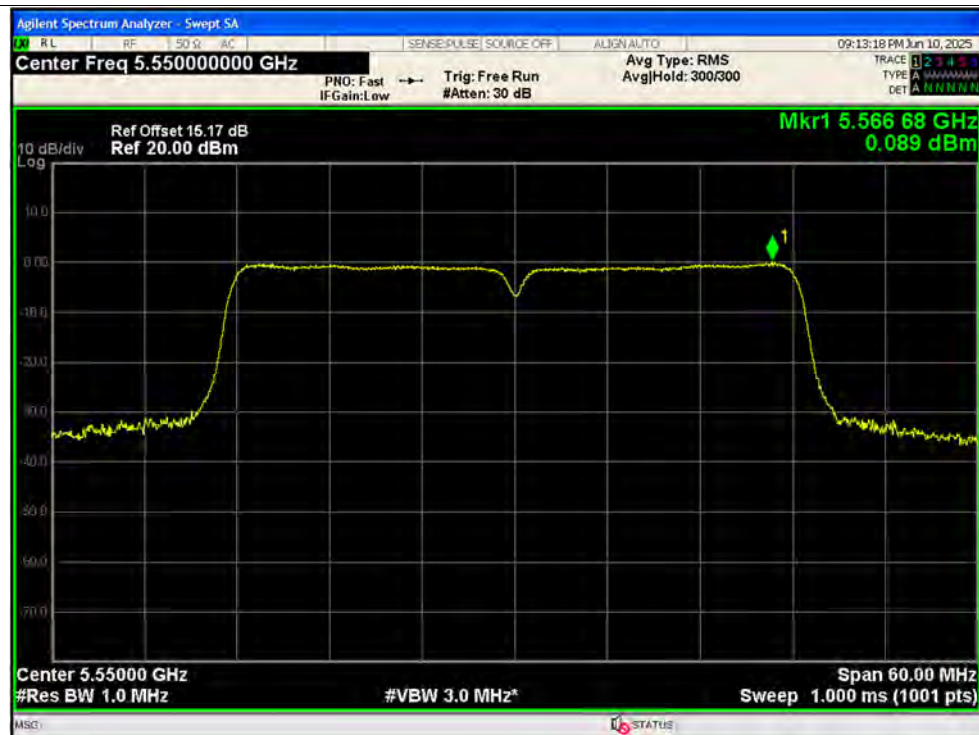
PSD NVNT n40 5310MHz Ant1



PSD NVNT n40 5510MHz Ant1



PSD NVNT n40 5550MHz Ant1

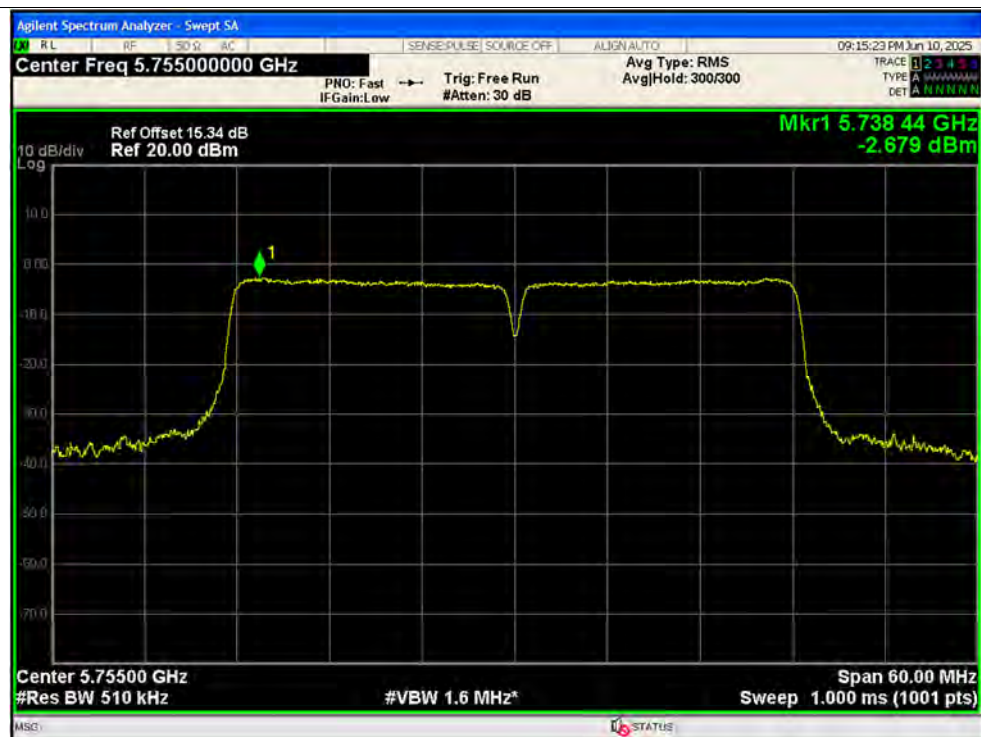




PSD NVNT n40 5670MHz Ant1



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



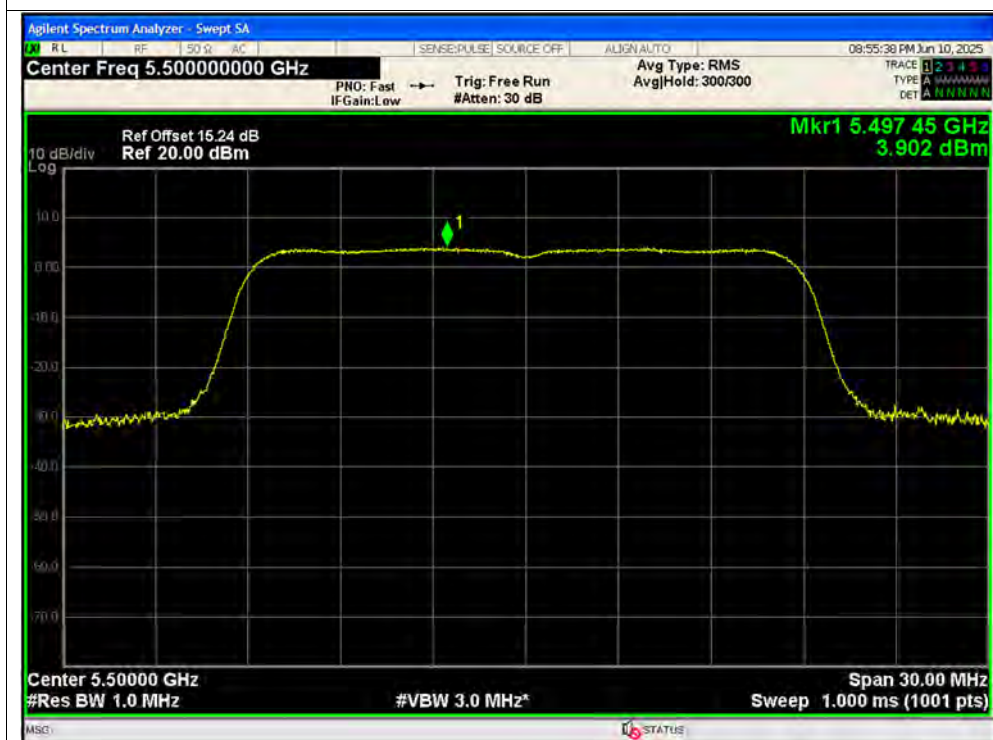
PSD NVNT ac20 5300MHz Ant1



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



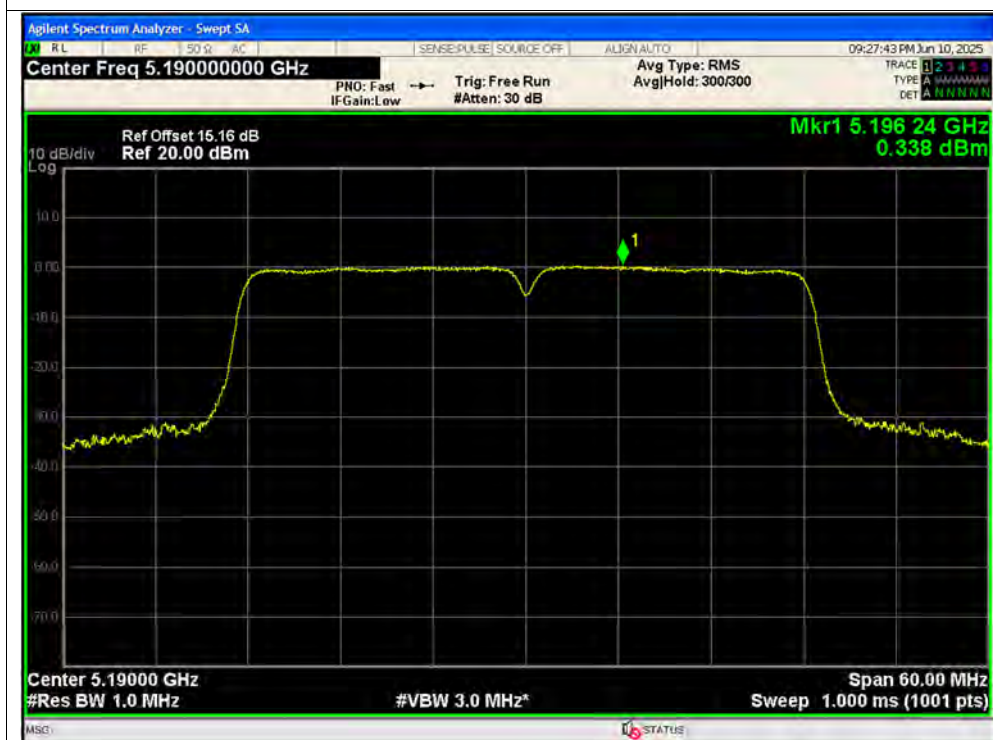
PSD NVNT ac20 5785MHz Ant1



PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac40 5190MHz Ant1



PSD NVNT ac40 5230MHz Ant1



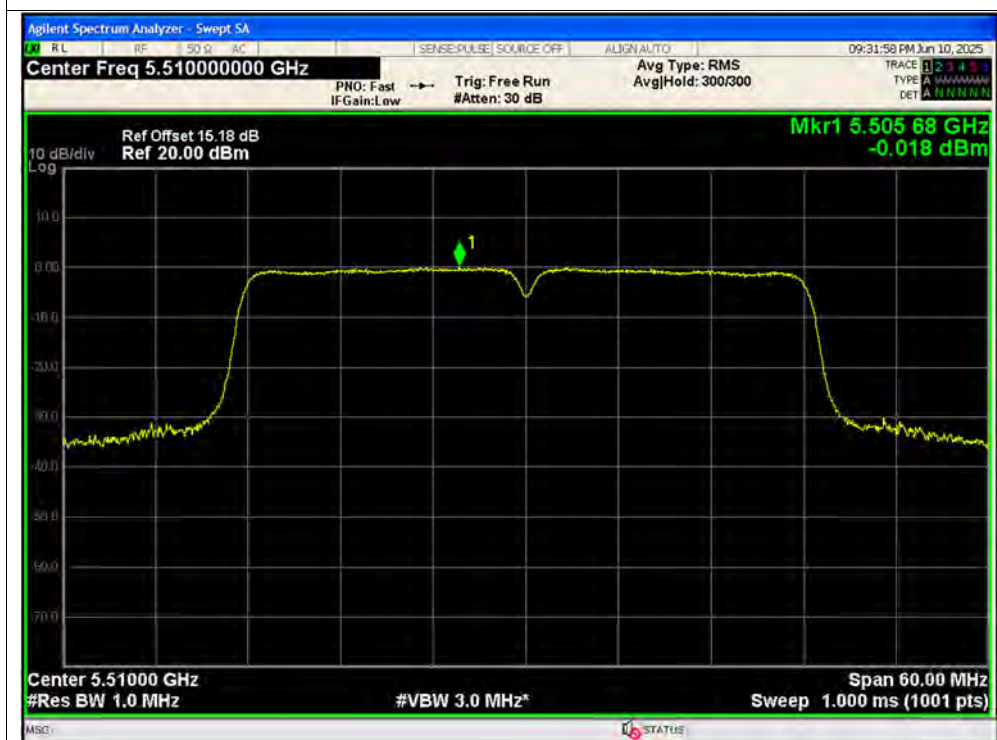
PSD NVNT ac40 5270MHz Ant1



PSD NVNT ac40 5310MHz Ant1



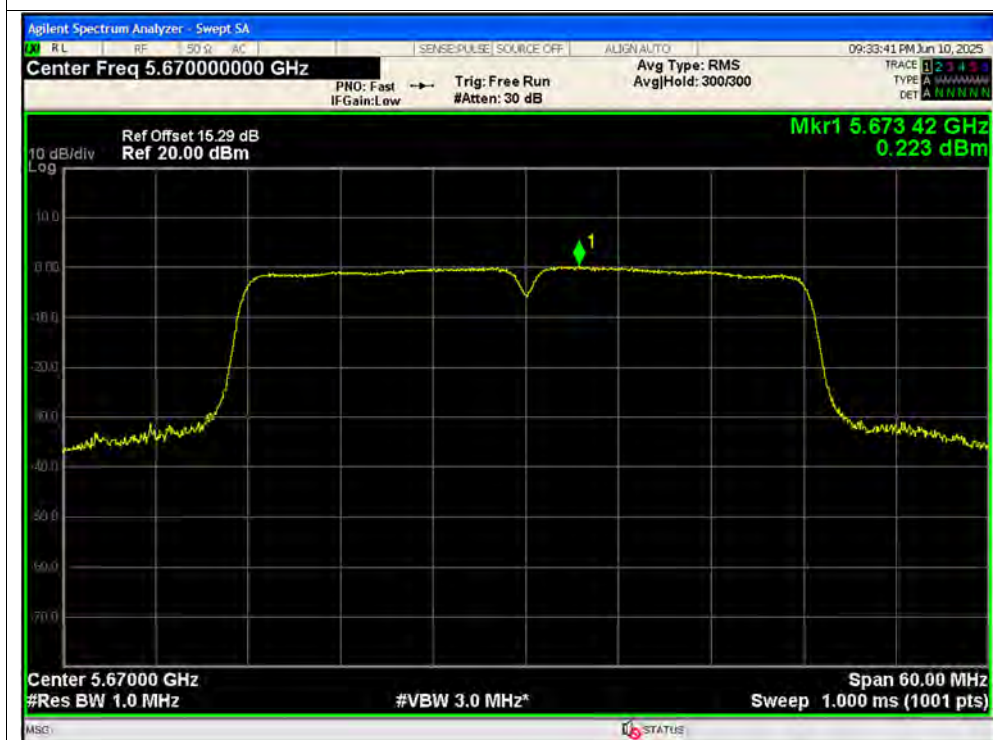
PSD NVNT ac40 5510MHz Ant1



PSD NVNT ac40 5550MHz Ant1



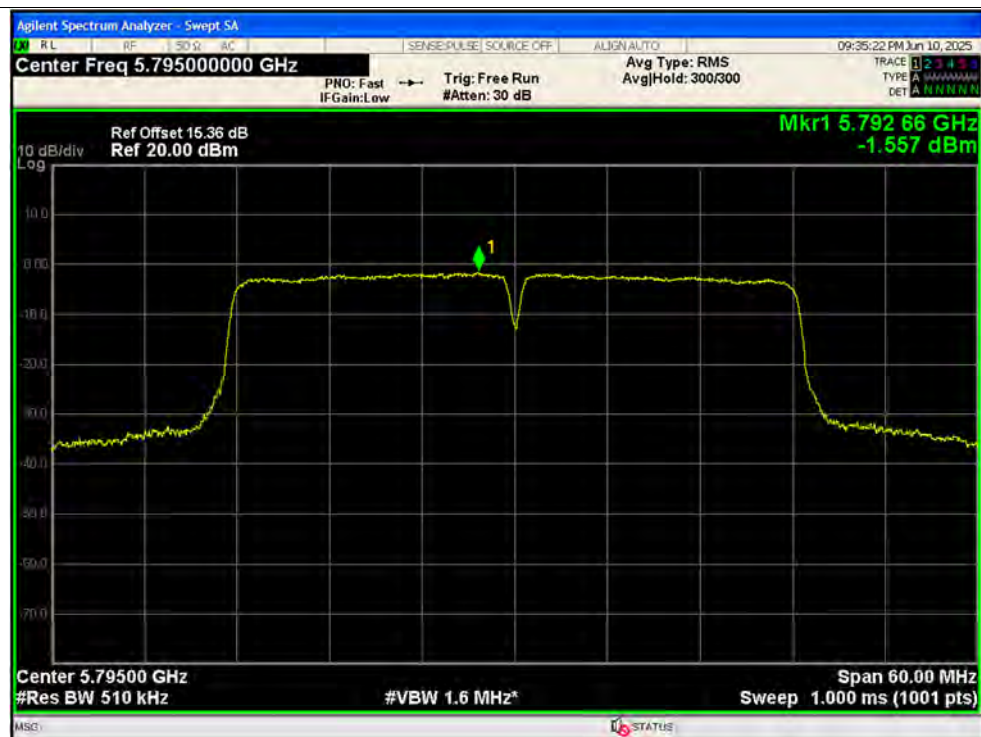
PSD NVNT ac40 5670MHz Ant1



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 5610MHz 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	Carrier	5180	Ant1	5179.985	-15000	-2.9	25	Pass
20C 3.88V	Carrier	5180	Ant1	5179.985	-15000	-2.9	25	Pass
20C 4.48V	Carrier	5180	Ant1	5179.985	-15000	-2.9	25	Pass
0C 3.88V	Carrier	5180	Ant1	5179.985	-15000	-2.9	25	Pass
10C 3.88V	Carrier	5180	Ant1	5179.985	-15000	-2.9	25	Pass
30C 3.88V	Carrier	5180	Ant1	5179.985	-15000	-2.9	25	Pass
35C 3.88V	Carrier	5180	Ant1	5179.985	-15000	-2.9	25	Pass
20C 3.6V	Carrier	5260	Ant1	5259.982	-18000	-3.42	25	Pass
20C 3.88V	Carrier	5260	Ant1	5259.983	-17000	-3.23	25	Pass
20C 4.48V	Carrier	5260	Ant1	5259.983	-17000	-3.23	25	Pass
0C 3.88V	Carrier	5260	Ant1	5259.983	-17000	-3.23	25	Pass
10C 3.88V	Carrier	5260	Ant1	5259.983	-17000	-3.23	25	Pass
30C 3.88V	Carrier	5260	Ant1	5259.982	-18000	-3.42	25	Pass
35C 3.88V	Carrier	5260	Ant1	5259.982	-18000	-3.42	25	Pass
20C 3.6V	Carrier	5500	Ant1	5499.981	-19000	-3.45	25	Pass
20C 3.88V	Carrier	5500	Ant1	5499.981	-19000	-3.45	25	Pass
20C 4.48V	Carrier	5500	Ant1	5499.981	-19000	-3.45	25	Pass
0C 3.88V	Carrier	5500	Ant1	5499.981	-19000	-3.45	25	Pass
10C 3.88V	Carrier	5500	Ant1	5499.981	-19000	-3.45	25	Pass
30C 3.88V	Carrier	5500	Ant1	5499.981	-19000	-3.45	25	Pass
35C 3.88V	Carrier	5500	Ant1	5499.981	-19000	-3.45	25	Pass
20C 3.6V	Carrier	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 3.88V	Carrier	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 4.48V	Carrier	5745	Ant1	5744.98	-20000	-3.48	25	Pass
0C 3.88V	Carrier	5745	Ant1	5744.98	-20000	-3.48	25	Pass
10C 3.88V	Carrier	5745	Ant1	5744.98	-20000	-3.48	25	Pass
30C 3.88V	Carrier	5745	Ant1	5744.98	-20000	-3.48	25	Pass
35C 3.88V	Carrier	5745	Ant1	5744.98	-20000	-3.48	25	Pass

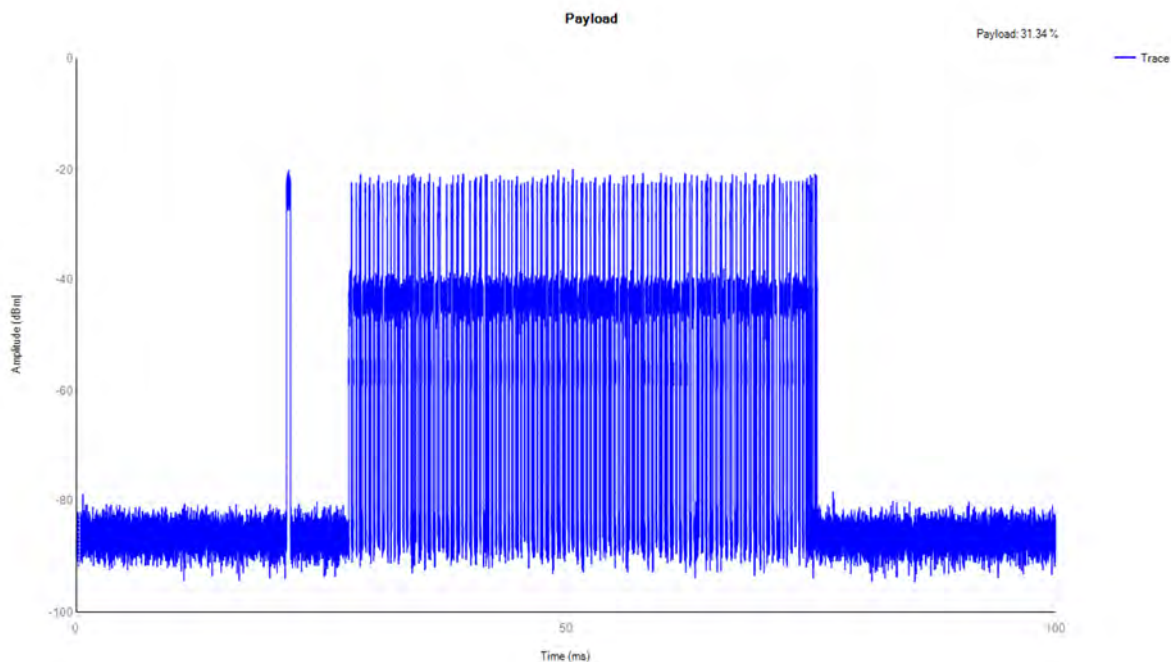
**A.6. Dynamic Frequency Selection**

Payload

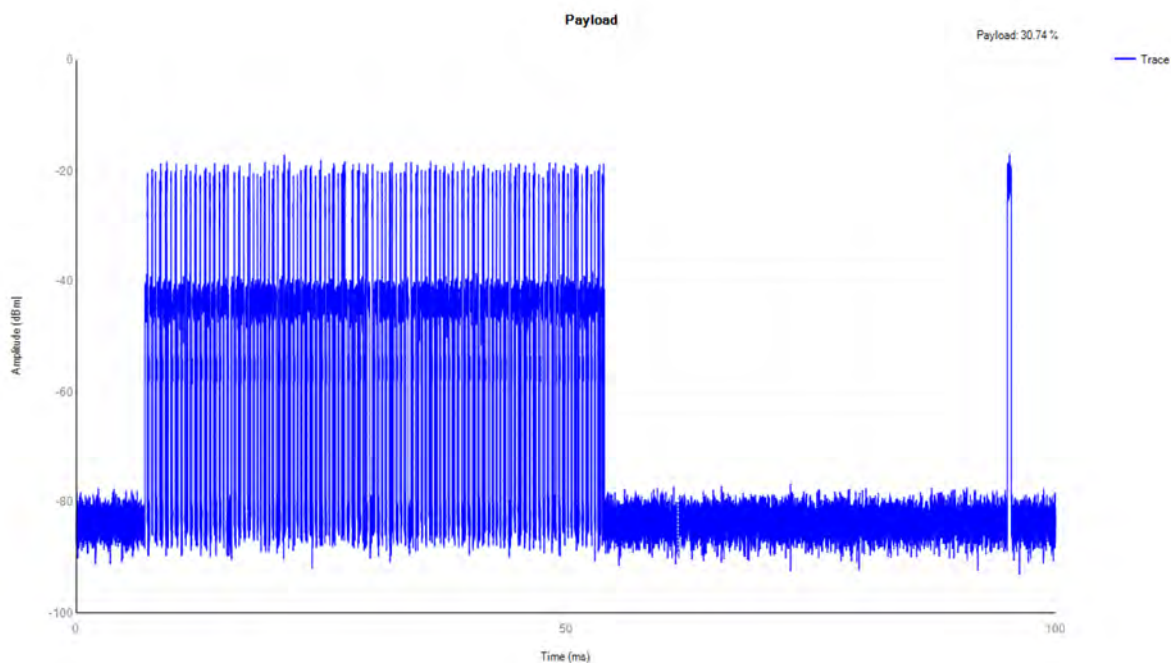
Mode	Frequency (MHz)	Result	Verdict
ac20	5260	31.34	Pass
ac20	5500	30.74	Pass
ac80	5290	50.56	Pass
ac80	5530	45.44	Pass

Test Graphs

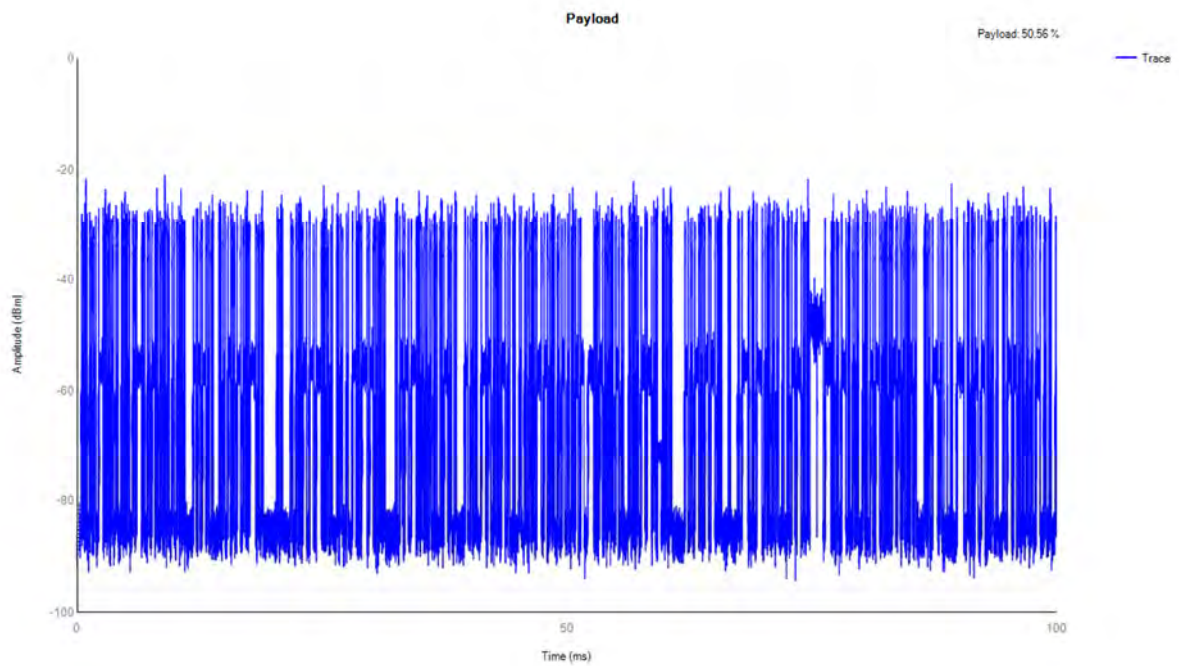
ac20 5260MHz Payload



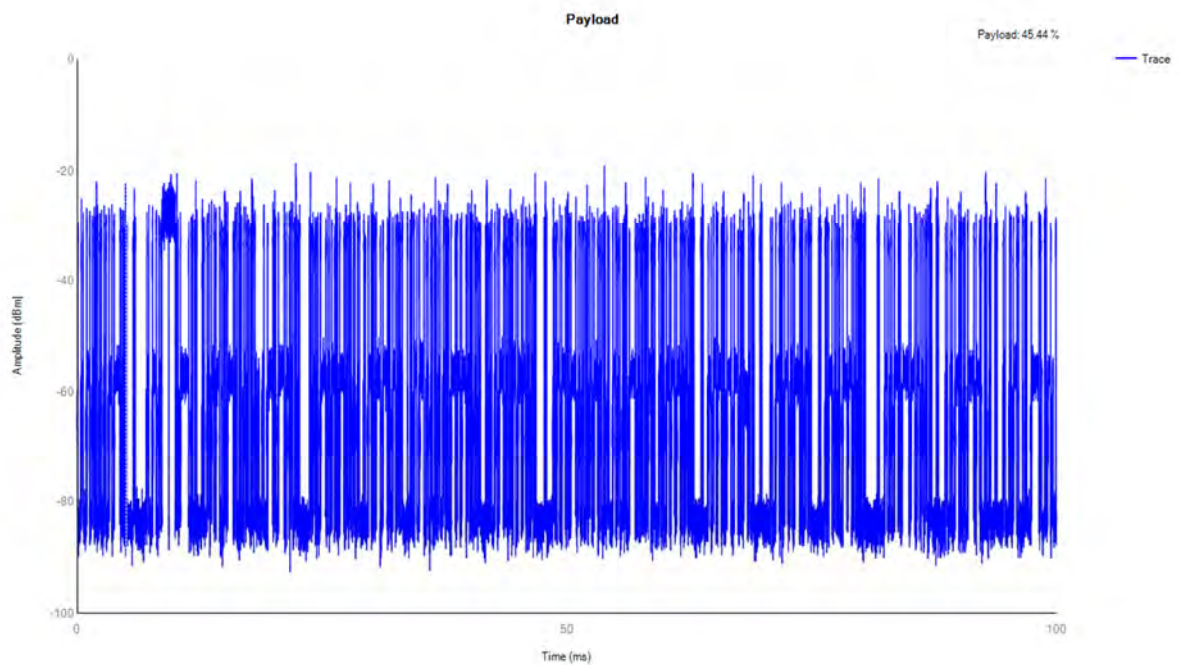
ac20 5500MHz Payload



ac80 5290MHz Payload



ac80 5530MHz Payload





Detection Thresholds

Mode	Frequency (MHz)	Type	Result	Verdict
ac20	5260	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

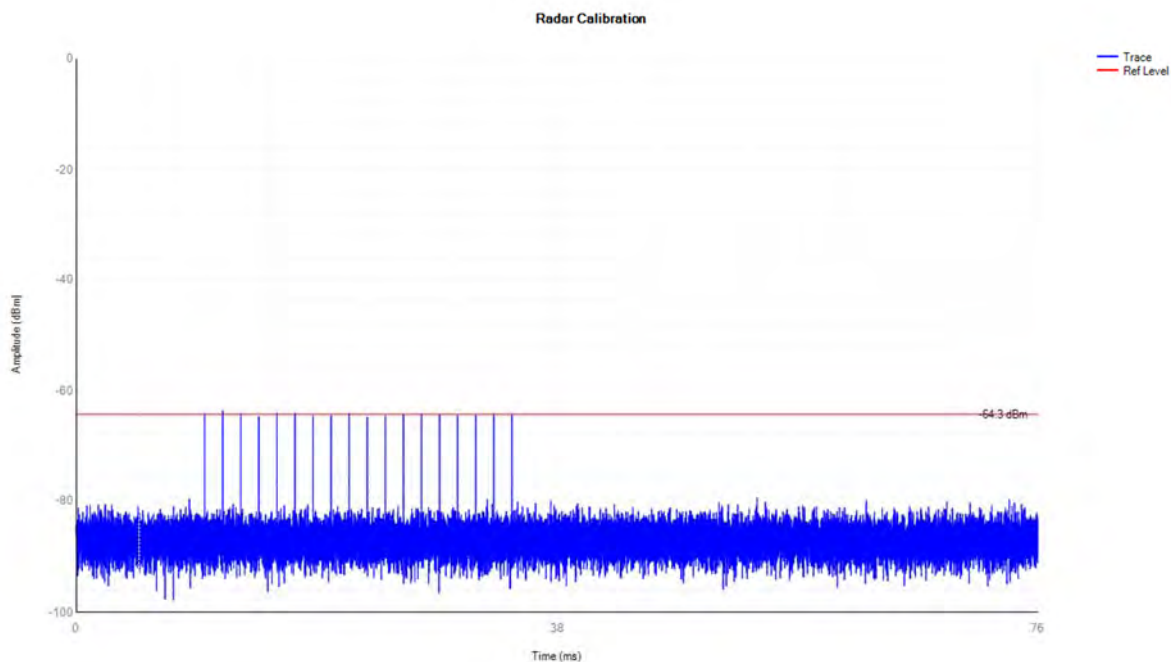
Detector Type: Peak

RBW: 3MHz

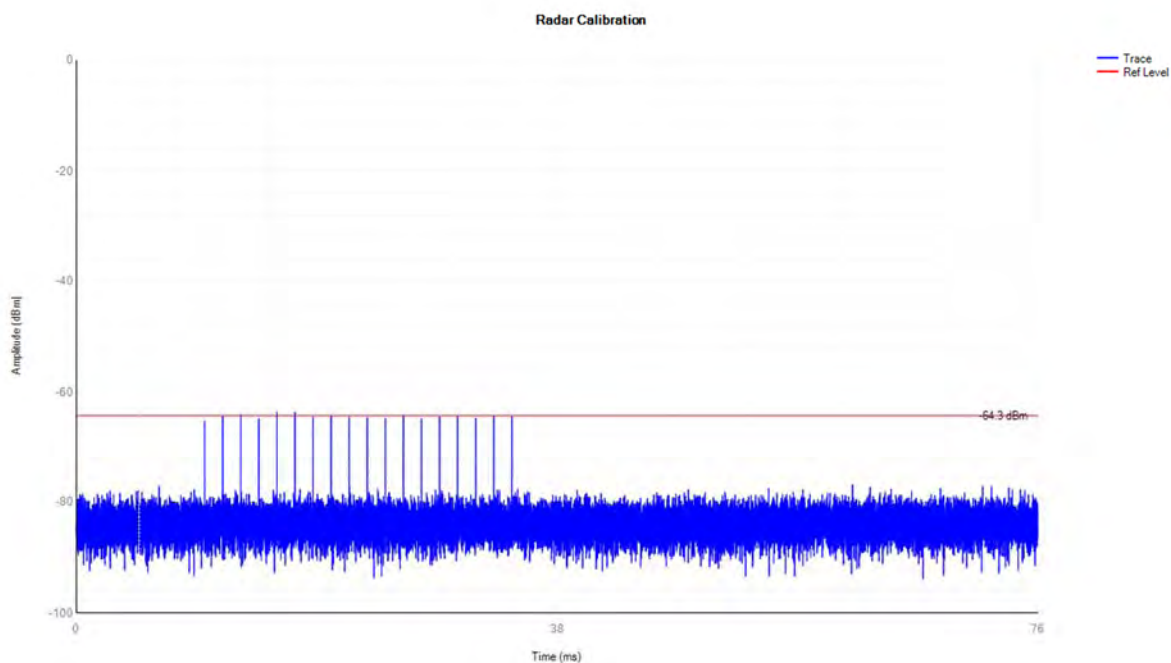
VBW: 3MHz

Test Graphs

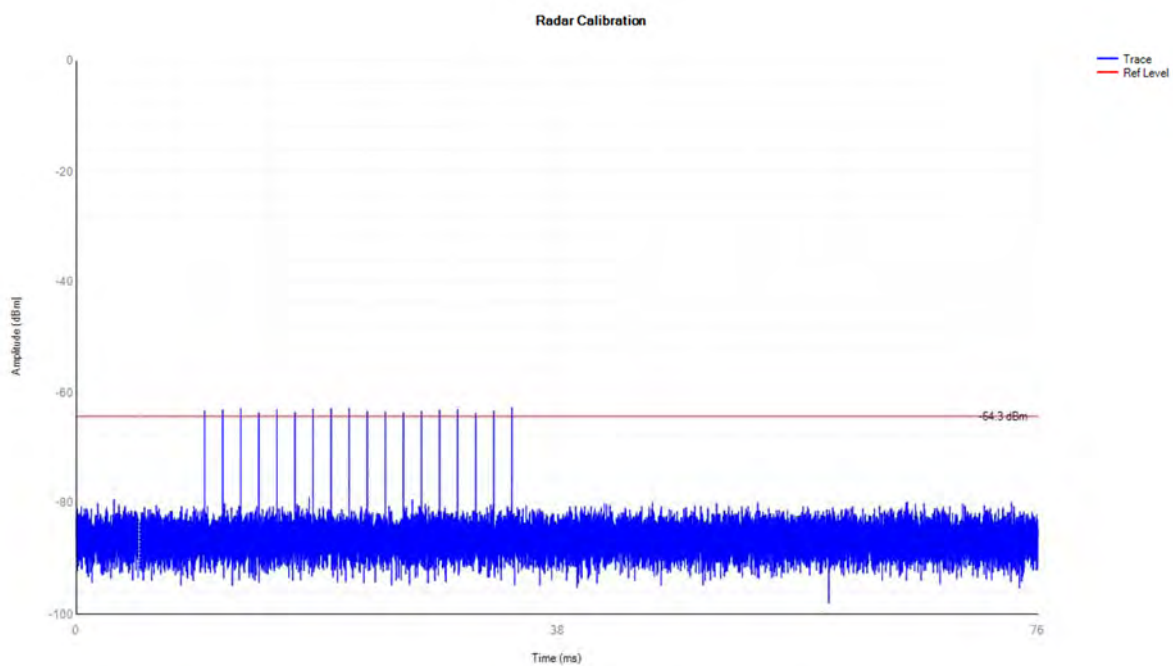
5260MHz DFS_FCC_T0



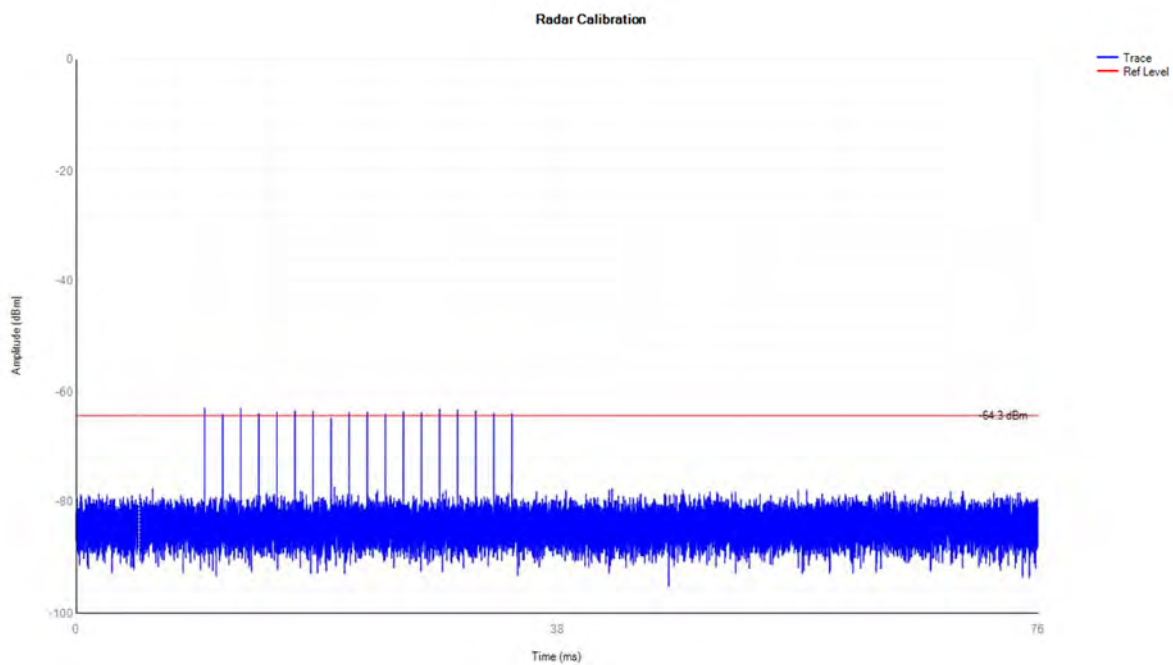
5500MHz DFS_FCC_T0



5290MHz DFS_FCC_T0



5530MHz 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)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
ac20	5260	0.88	10	0.037	0.26	0.015	0.06	Pass
ac20	5500	0	10	0	0.26	0	0.06	Pass
ac80	5290	0.032	10	0.002	0.26	0	0.06	Pass
ac80	5530	0.823	10	0.023	0.26	0.014	0.06	Pass

Spectrum analyzer settings:

Span: Zero

Detector type: Peak

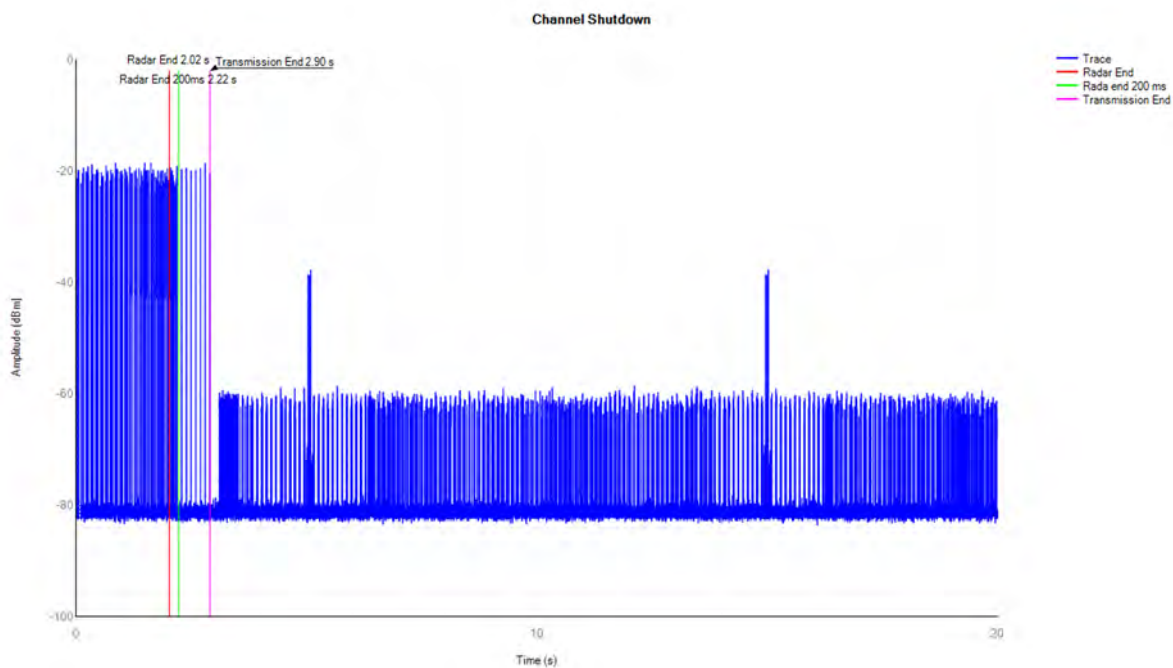
RBW: 3MHz

VBW: 3MHz

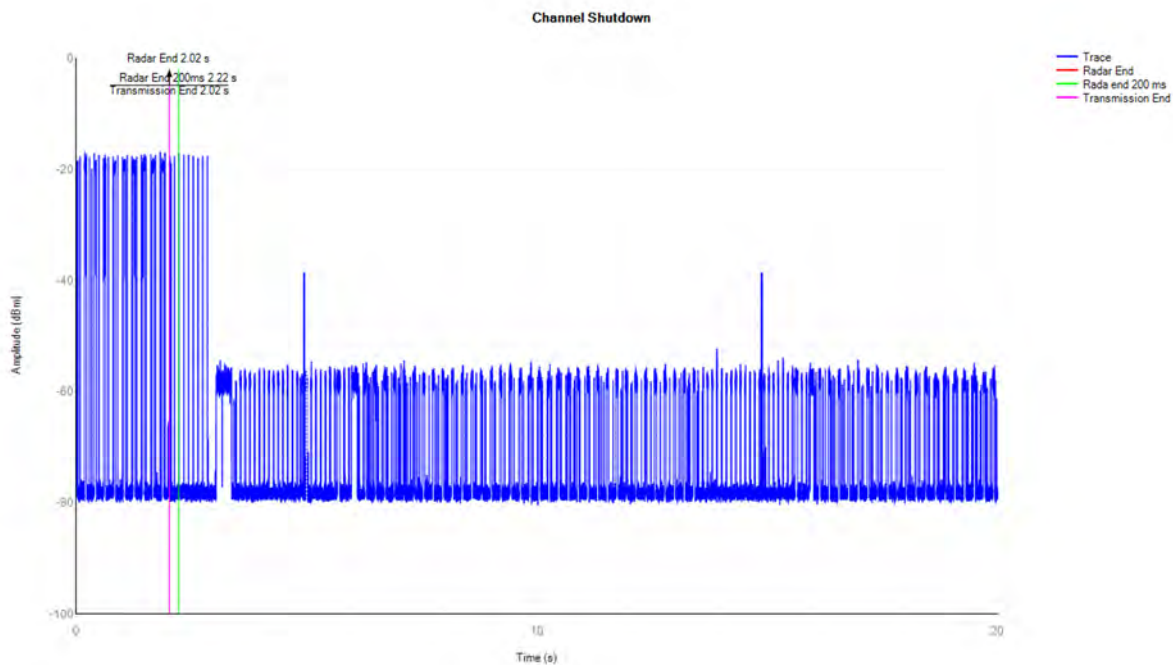
Sweep time: 20s

Test Graphs

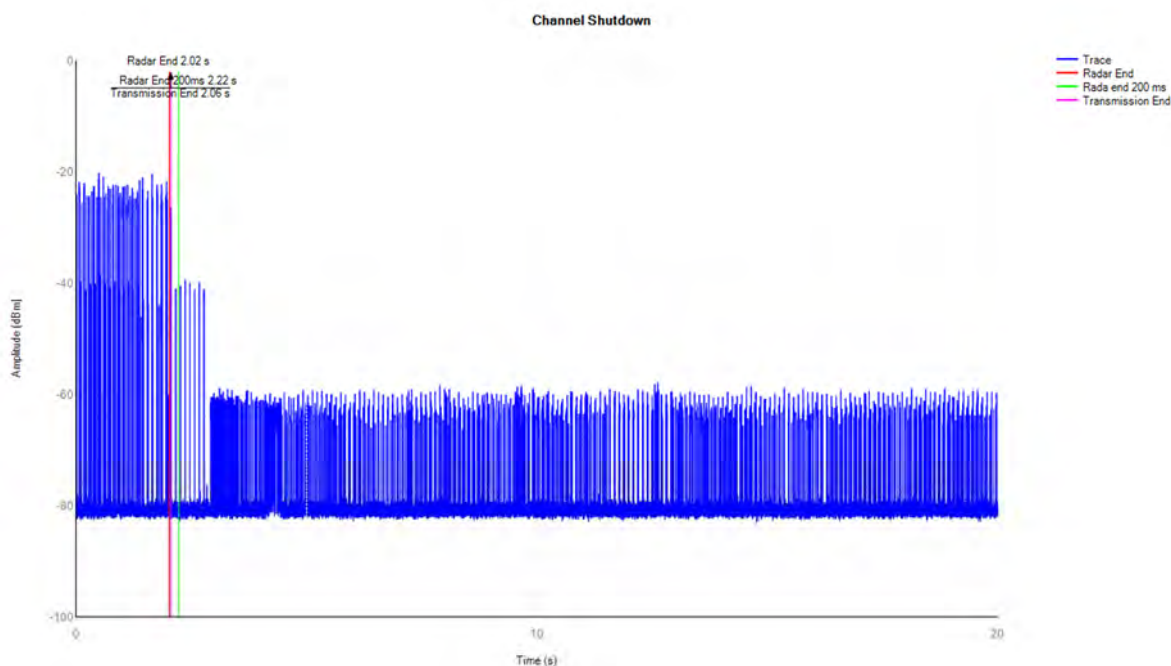
ac20 5260MHz Shutdown



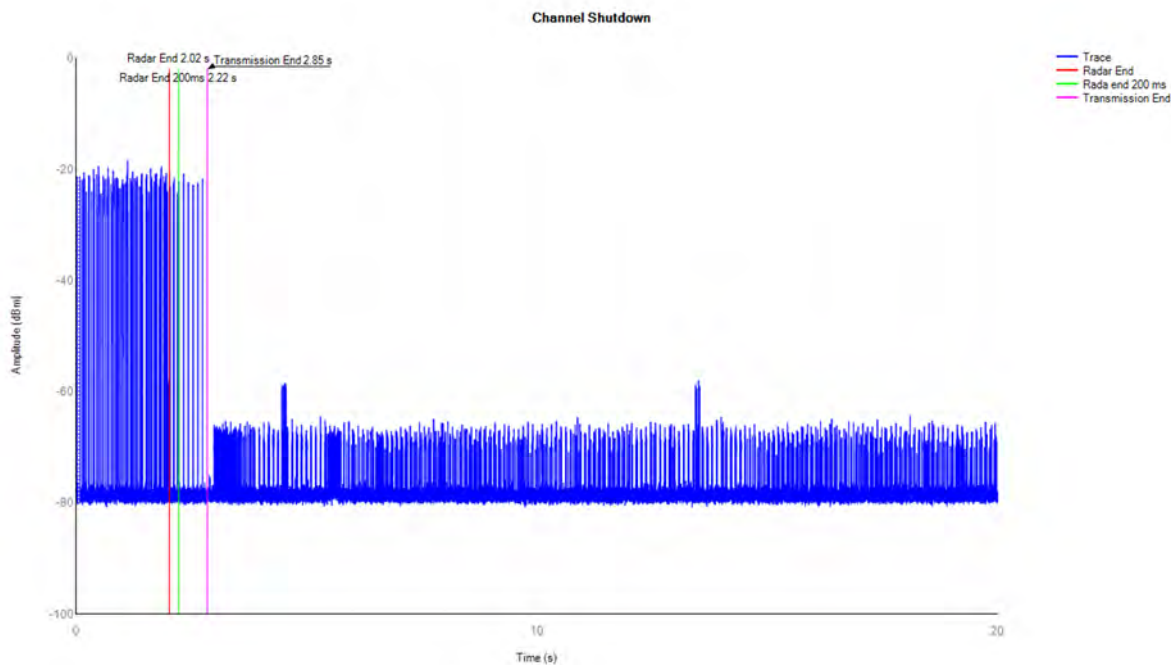
ac20 5500MHz Shutdown



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.



REPORT No.: SZ25050150W05

Non-Occupancy Period

Mode	Frequency (MHz)	Result	Verdict
ac20	5260	See test Graph	Pass
ac20	5500	See test Graph	Pass

Spectrum analyzer settings:

Span: Zero

Detector type: Peak

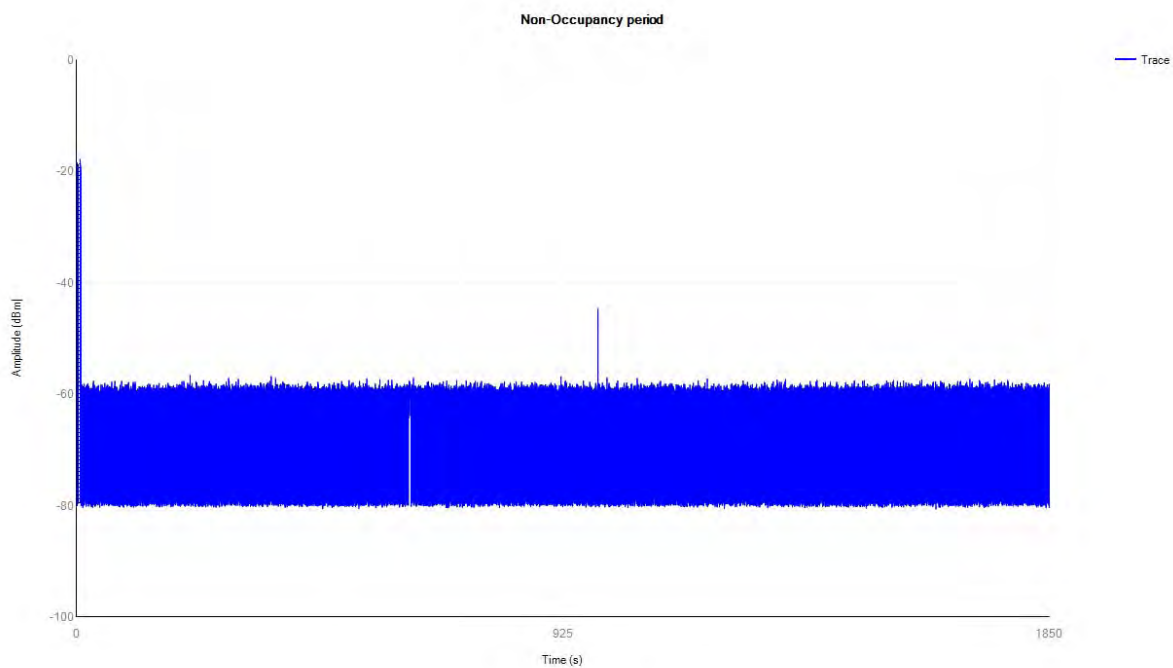
RBW: 3MHz

VBW: 3MHz

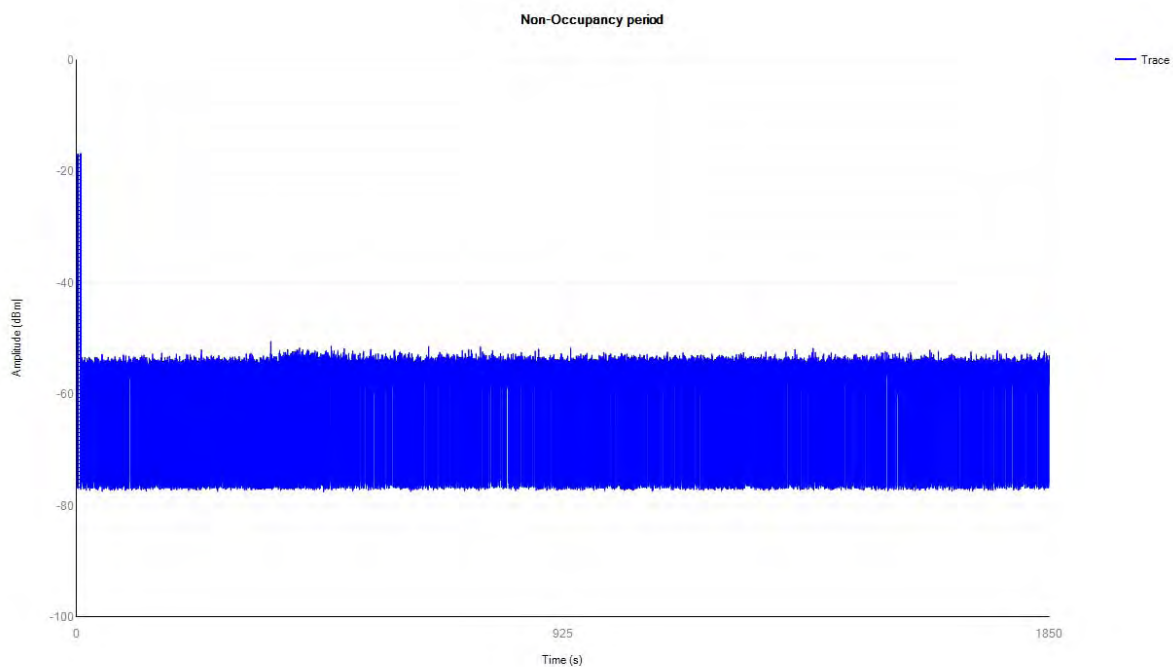
Sweep time: 1850s

Test Graphs

ac20 5260MHz 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

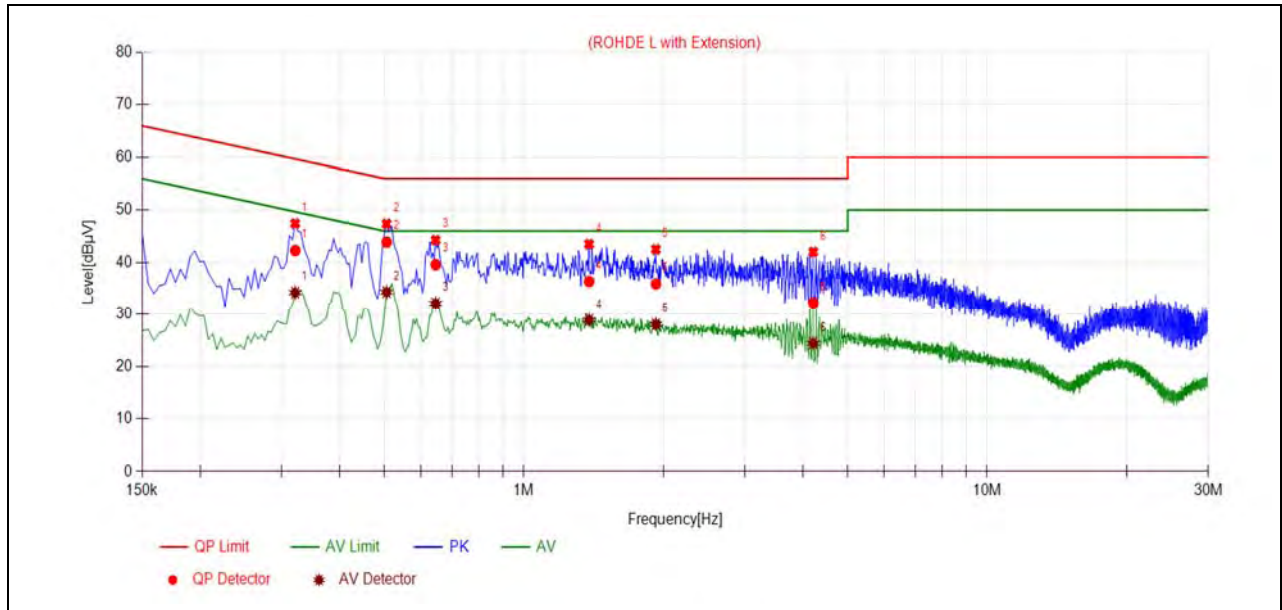
The measurement results are obtained as below:

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

U_R : Receiver Reading

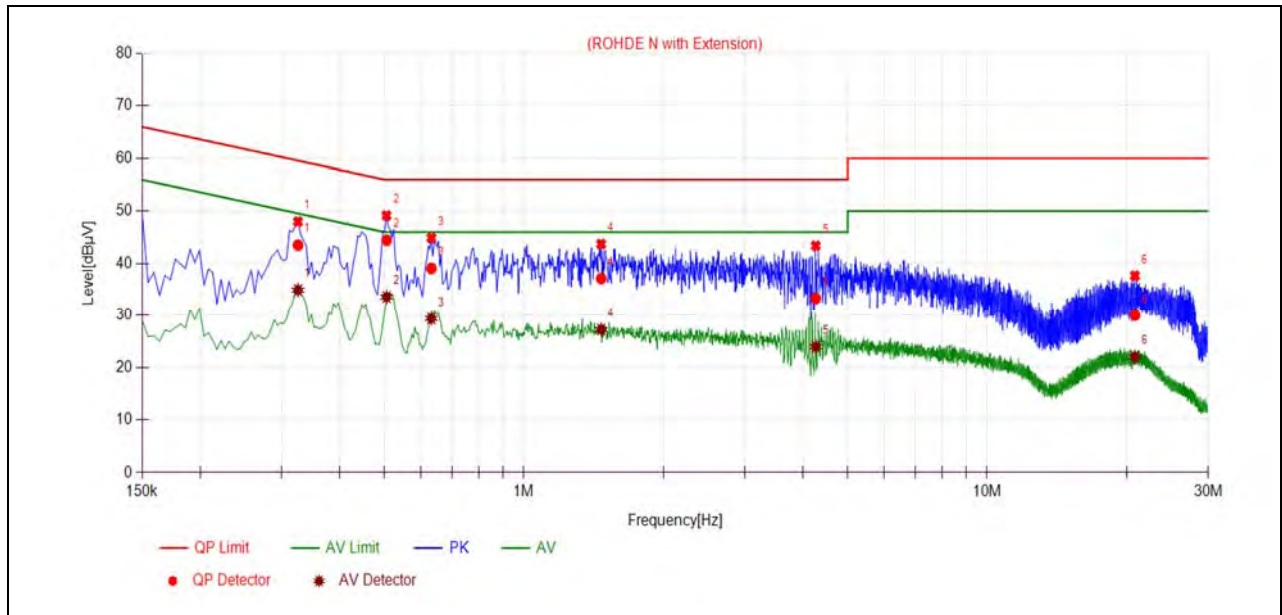
A_{Factor} : Voltage division factor of LISN

B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.3210	42.29	34.22	59.68	49.68	Line	PASS
2	0.5055	43.88	34.31	56.00	46.00		PASS
3	0.6450	39.58	32.11	56.00	46.00		PASS
4	1.3830	36.36	28.88	56.00	46.00		PASS
5	1.9276	35.90	28.05	56.00	46.00		PASS
6	4.2137	32.24	24.40	56.00	46.00		PASS



(N Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.3255	43.51	22.87	34.92	49.56	Neutral	PASS
2	0.5055	44.45	20.54	33.59	46.00		PASS
3	0.6315	39.08	9.85	29.38	46.00		PASS
4	1.4686	37.14	10.12	27.23	46.00		PASS
5	4.2672	33.32	8.93	23.94	46.00		PASS
6	20.8469	30.01	14.69	21.99	50.00		PASS

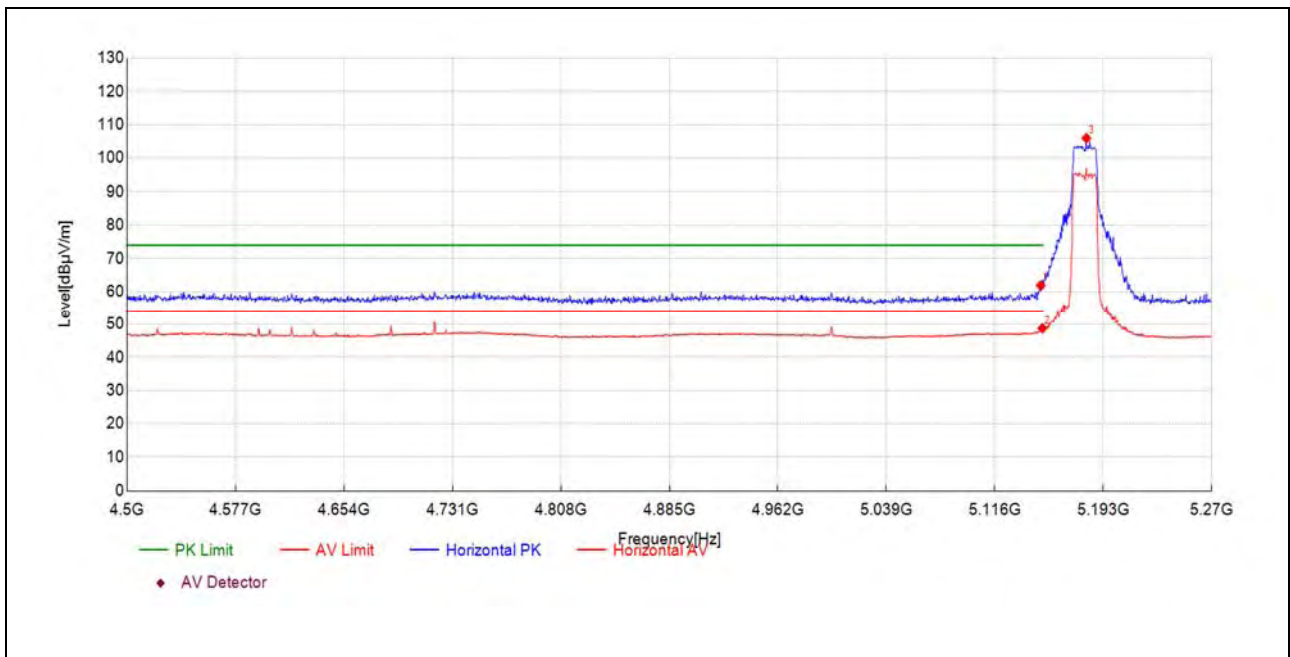
A.8. Restricted Frequency Bands

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.

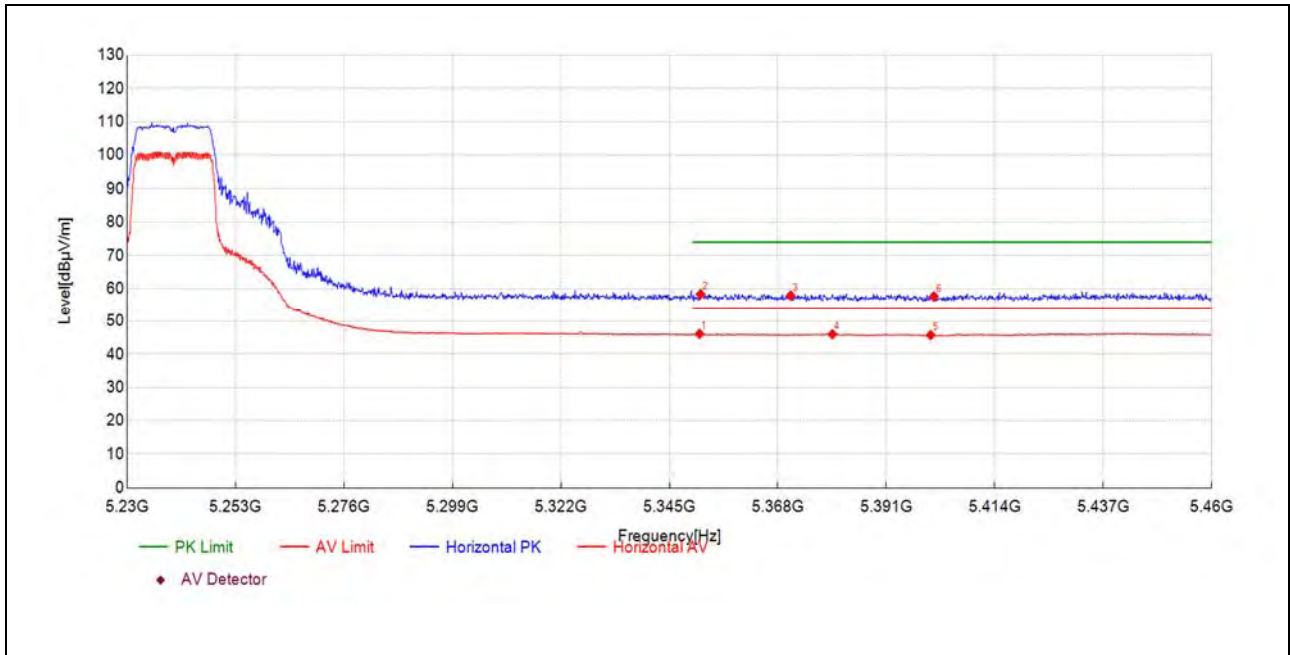
802.11a Mode

Plot for Channel 36



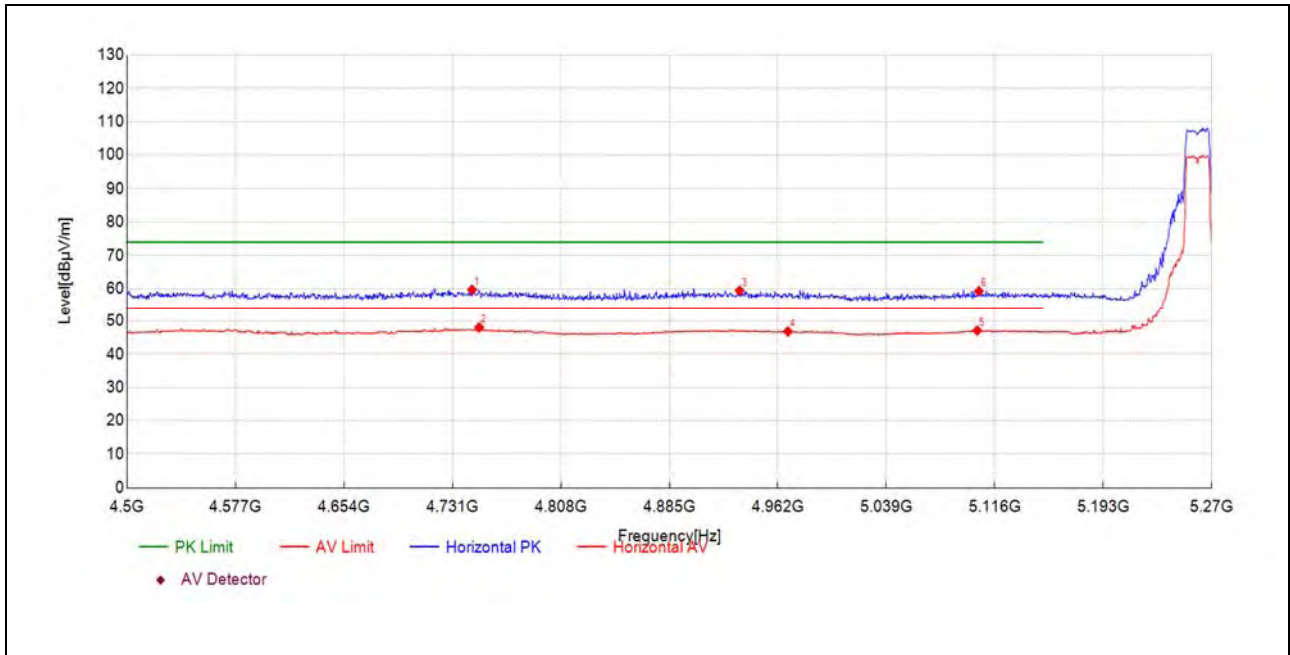
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5148.66	41.6	61.90	20.320	74.00	12.10	150	199	PK	PASS
5149.82	28.4	48.74	20.320	54.00	5.26	150	39	AV	PASS
5181.02	85.6	106.00	20.380	-	-	150	23	PK	NA

Plot for Channel 48



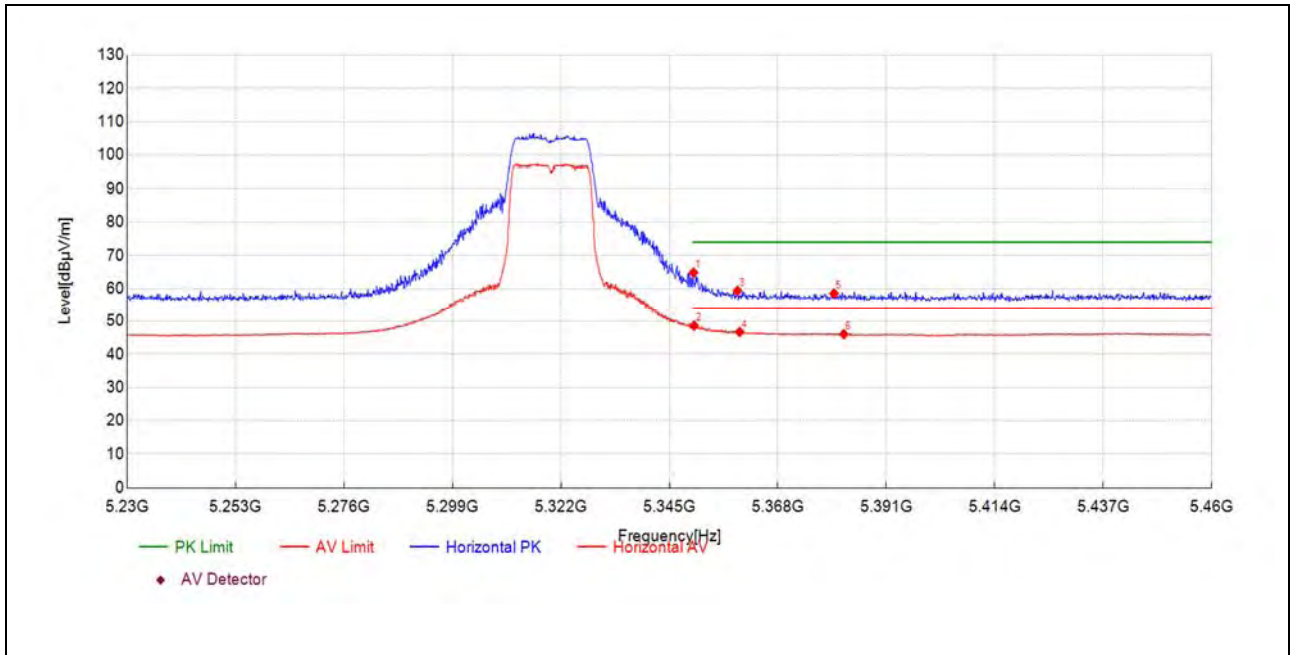
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5351.39	26.2	46.12	19.940	54.00	7.88	150	162	AV	PASS
5351.62	38.4	58.30	19.940	74.00	15.70	150	223	PK	PASS
5370.72	38.0	57.91	19.900	74.00	16.09	150	277	PK	PASS
5379.57	26.1	46.00	19.870	54.00	8.00	150	299	AV	PASS
5400.40	25.9	45.72	19.830	54.00	8.28	150	18	AV	PASS
5401.09	37.8	57.65	19.840	74.00	16.35	150	49	PK	PASS

Plot for Channel 52



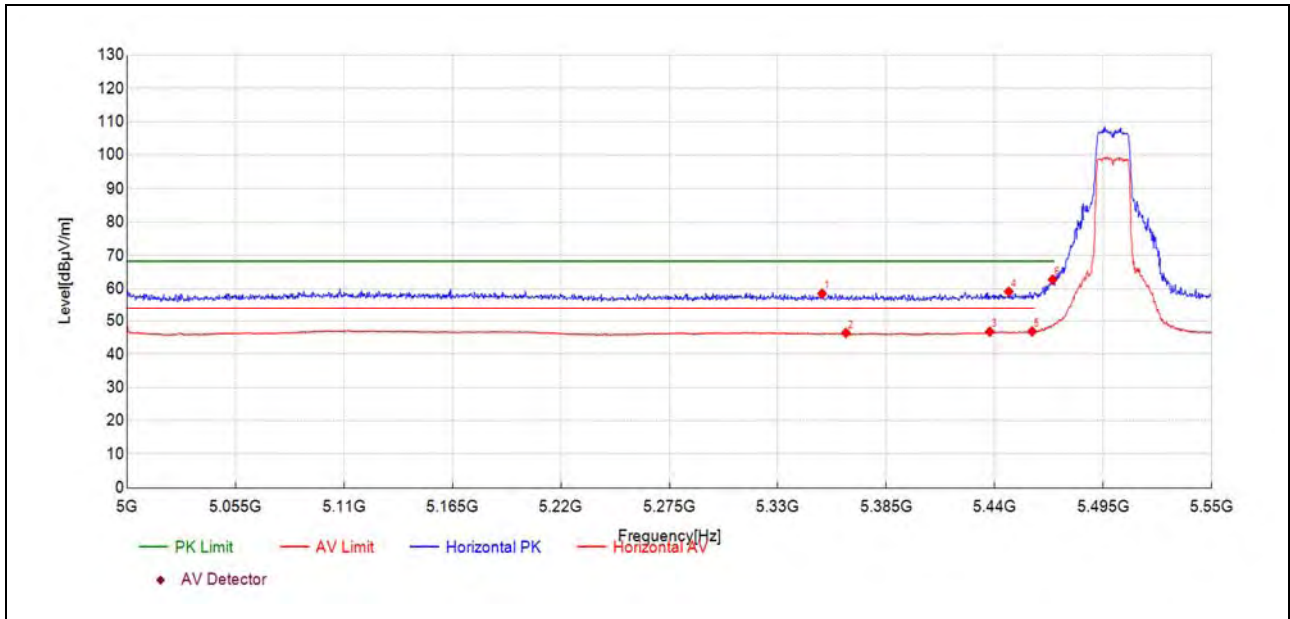
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
4744.98	39.4	59.68	20.320	74.00	14.32	150	10	PK	PASS
4749.99	27.7	48.06	20.320	54.00	5.94	150	0	AV	PASS
4934.88	39.4	59.40	19.960	74.00	14.60	150	190	PK	PASS
4969.16	27.0	46.85	19.850	54.00	7.15	150	342	AV	PASS
5103.60	26.6	47.10	20.500	54.00	6.90	150	113	AV	PASS
5104.75	38.7	59.24	20.500	74.00	14.76	150	357	PK	PASS

Plot for Channel 64



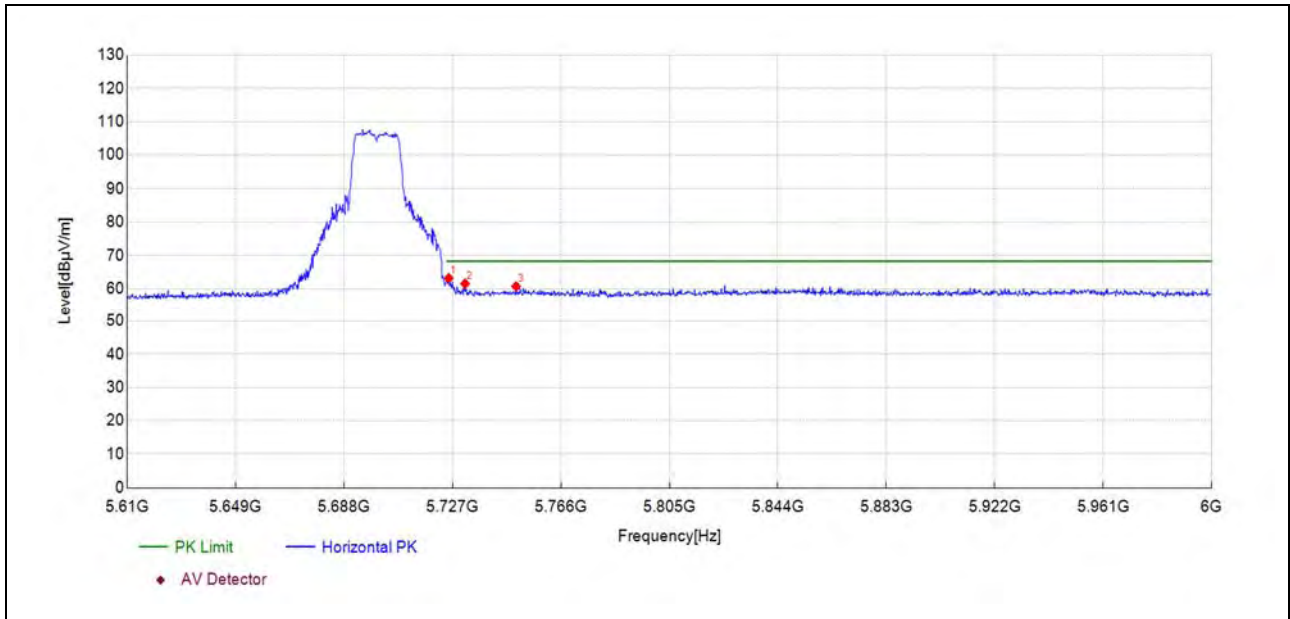
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5350.12	44.9	64.83	19.940	74.00	9.17	150	207	PK	PASS
5350.24	28.7	48.59	19.940	54.00	5.41	150	207	AV	PASS
5359.44	39.4	59.33	19.920	74.00	14.67	150	238	PK	PASS
5359.90	26.8	46.68	19.920	54.00	7.32	150	170	AV	PASS
5379.92	38.6	58.51	19.870	74.00	15.49	150	170	PK	PASS
5381.99	26.2	46.03	19.870	54.00	7.97	150	170	AV	PASS

Plot for Channel 100



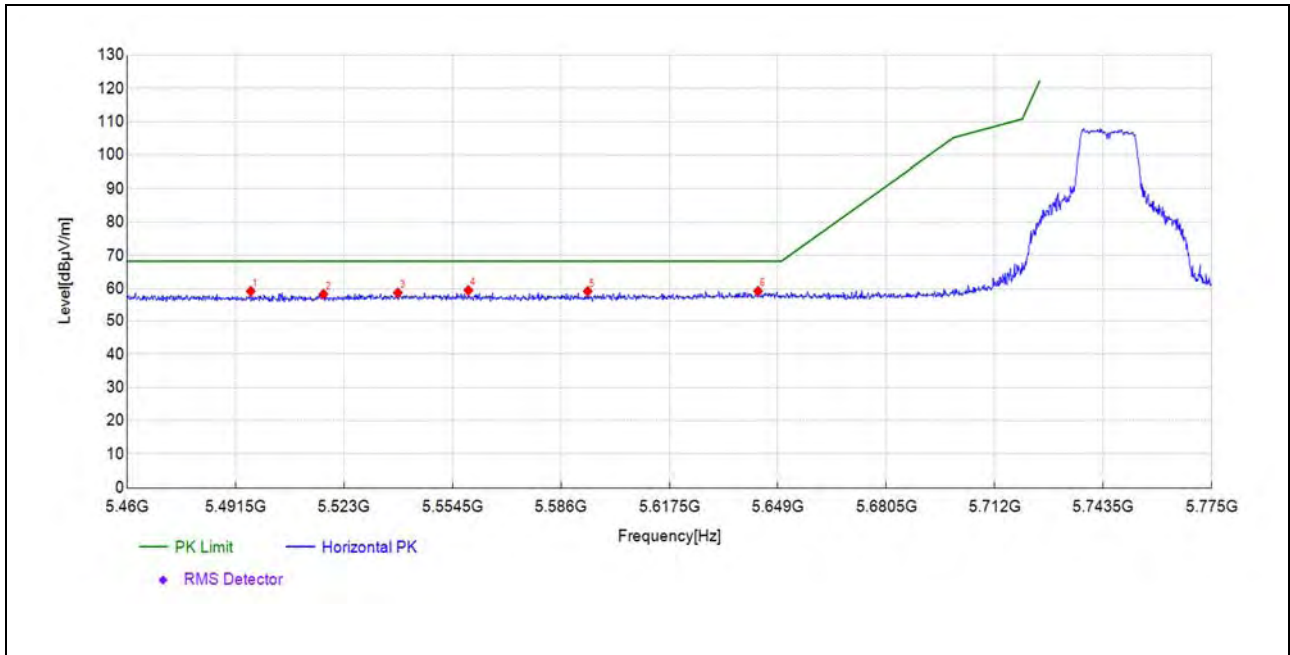
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5352.45	38.6	58.52	19.940	68.23	9.71	150	344	PK	PASS
5364.56	26.5	46.39	19.910	54.00	7.61	150	299	AV	PASS
5437.47	26.4	46.75	20.310	54.00	7.25	150	18	AV	PASS
5447.10	38.7	59.12	20.440	68.23	9.11	150	110	PK	PASS
5458.93	26.4	46.83	20.430	54.00	7.17	150	316	AV	PASS
5469.38	42.4	62.75	20.370	68.23	5.48	150	10	PK	PASS

Plot for Channel 140



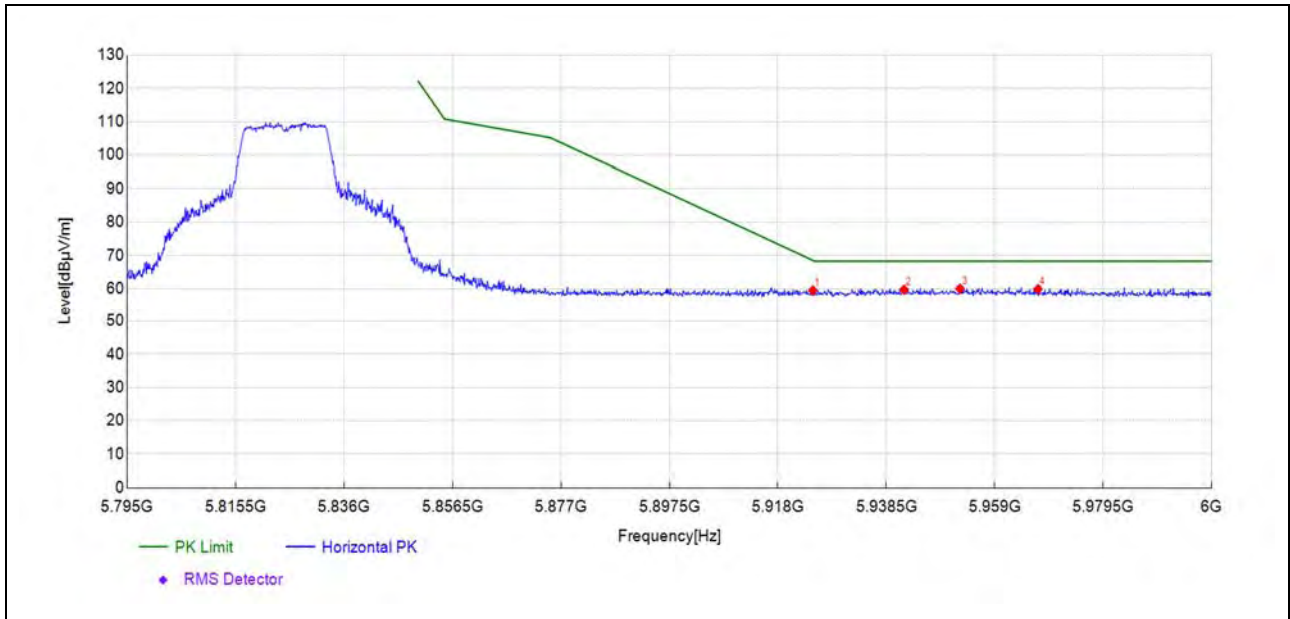
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5725.69	41.9	63.14	21.270	68.23	5.09	150	335	PK	PASS
5731.55	40.1	61.50	21.360	68.23	6.73	150	215	PK	PASS
5749.88	39.1	60.70	21.640	68.23	7.53	150	308	PK	PASS

Plot for Channel 149



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5495.93	39.0	59.23	20.230	68.23	9.00	150	235	PK	PASS
5517.04	38.2	58.39	20.230	68.23	9.84	150	206	PK	PASS
5538.63	38.5	58.78	20.260	68.23	9.45	150	360	PK	PASS
5559.12	39.3	59.50	20.240	68.23	8.73	150	52	PK	PASS
5593.78	39.1	59.21	20.140	68.23	9.02	150	206	PK	PASS
5643.26	38.4	59.28	20.890	68.23	8.95	150	199	PK	PASS

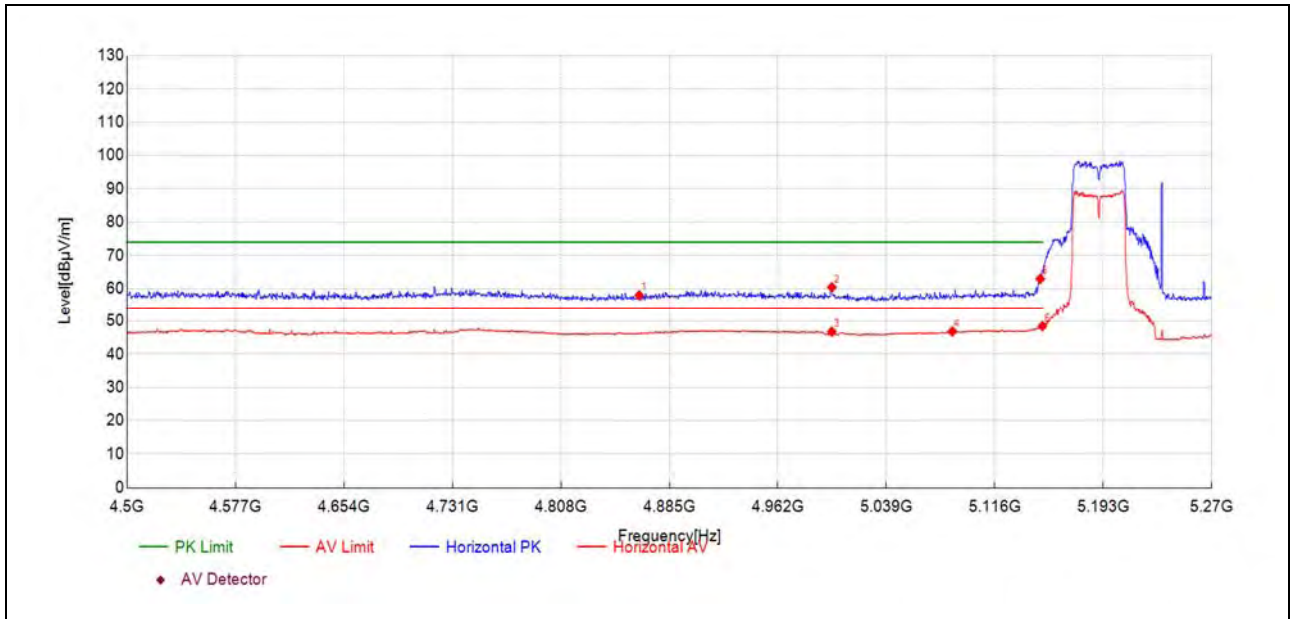
Plot for Channel 165



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5924.62	37.5	59.46	21.920	68.51	9.05	150	118	PK	PASS
5941.85	37.7	59.70	22.050	68.23	8.53	150	209	PK	PASS
5952.42	37.9	60.01	22.100	68.23	8.22	150	146	PK	PASS
5967.18	37.9	59.89	21.980	68.23	8.34	150	160	PK	PASS

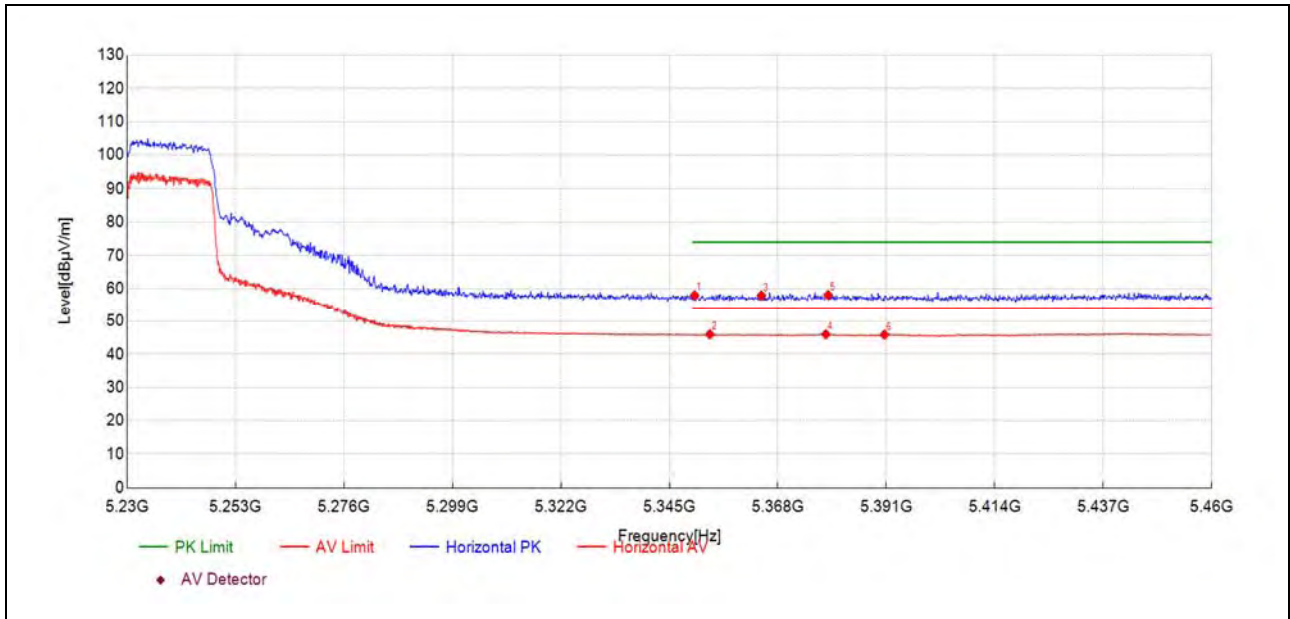
**802.11n (HT40) Mode**

Plot for Channel 38



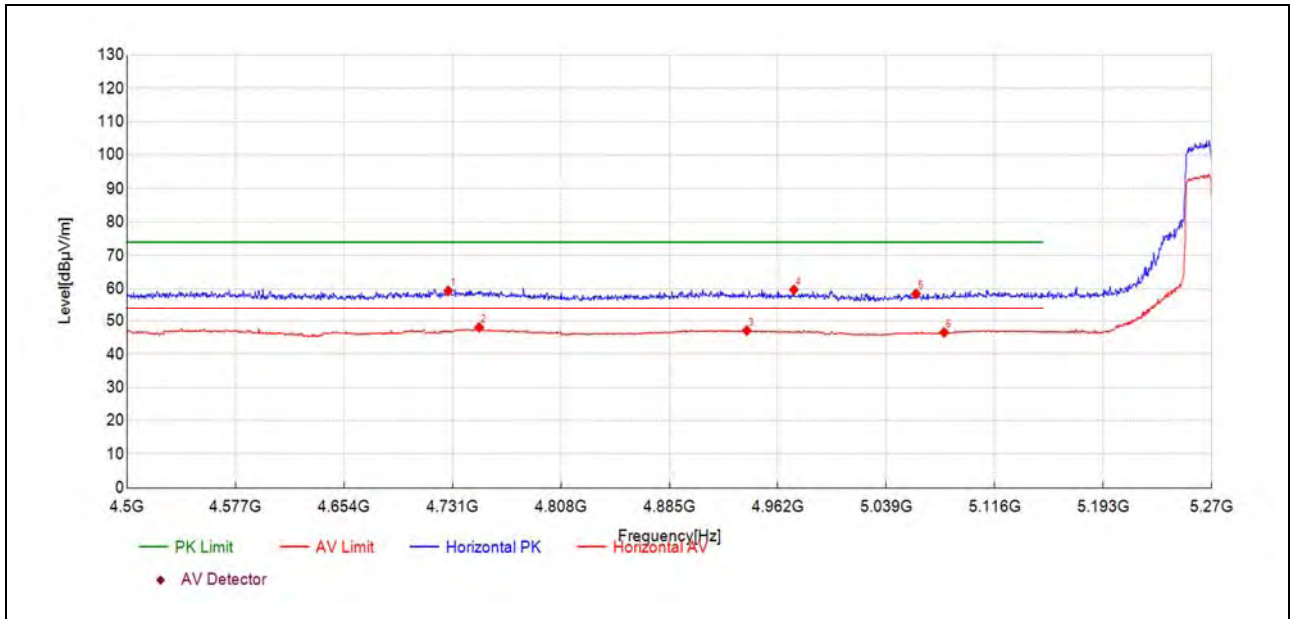
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
4863.62	38.0	57.98	19.940	74.00	16.02	150	4	PK	PASS
5000.37	40.5	60.42	19.880	74.00	13.58	150	232	PK	PASS
5000.37	26.9	46.77	19.880	54.00	7.23	150	248	AV	PASS
5085.88	26.4	46.83	20.430	54.00	7.17	150	255	AV	PASS
5148.28	42.6	62.93	20.320	74.00	11.07	150	202	PK	PASS
5149.82	28.1	48.43	20.320	54.00	5.57	150	64	AV	PASS

Plot for Channel 46



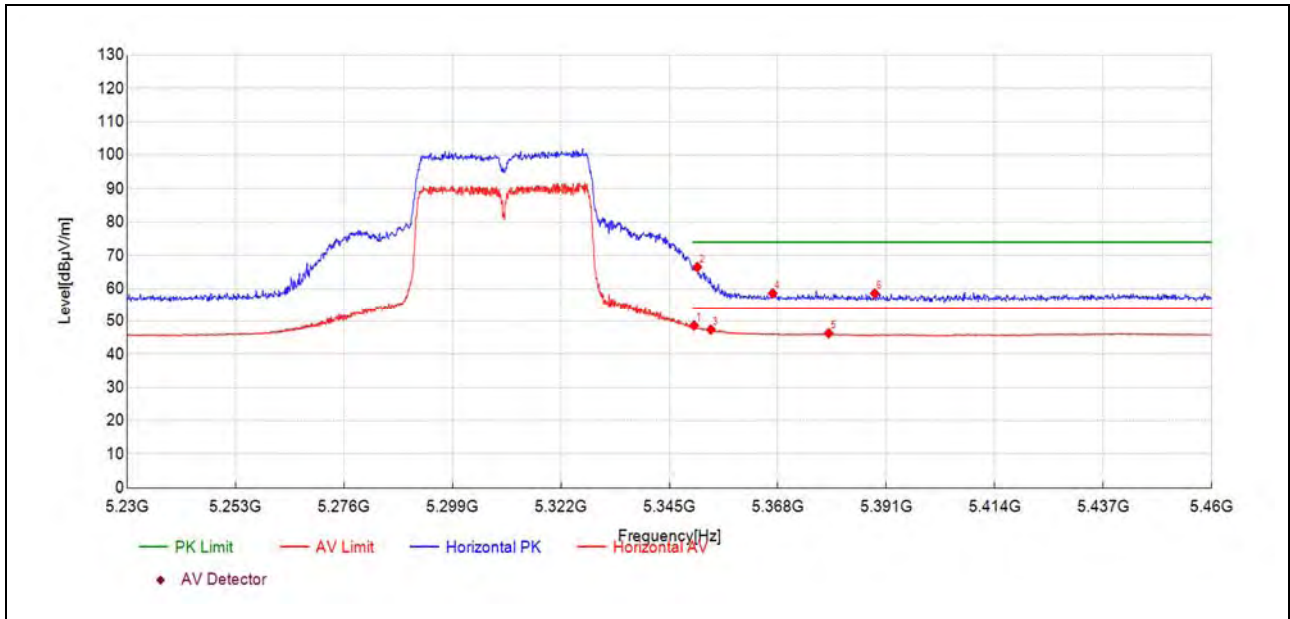
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5350.35	38.0	57.94	19.940	74.00	16.06	150	197	PK	PASS
5353.57	26.1	45.98	19.930	54.00	8.02	150	197	AV	PASS
5364.50	38.0	57.88	19.910	74.00	16.12	150	356	PK	PASS
5378.19	26.1	46.01	19.870	54.00	7.99	150	1	AV	PASS
5378.65	38.2	58.04	19.870	74.00	15.96	150	304	PK	PASS
5390.62	26.0	45.88	19.850	54.00	8.12	150	144	AV	PASS

Plot for Channel 54



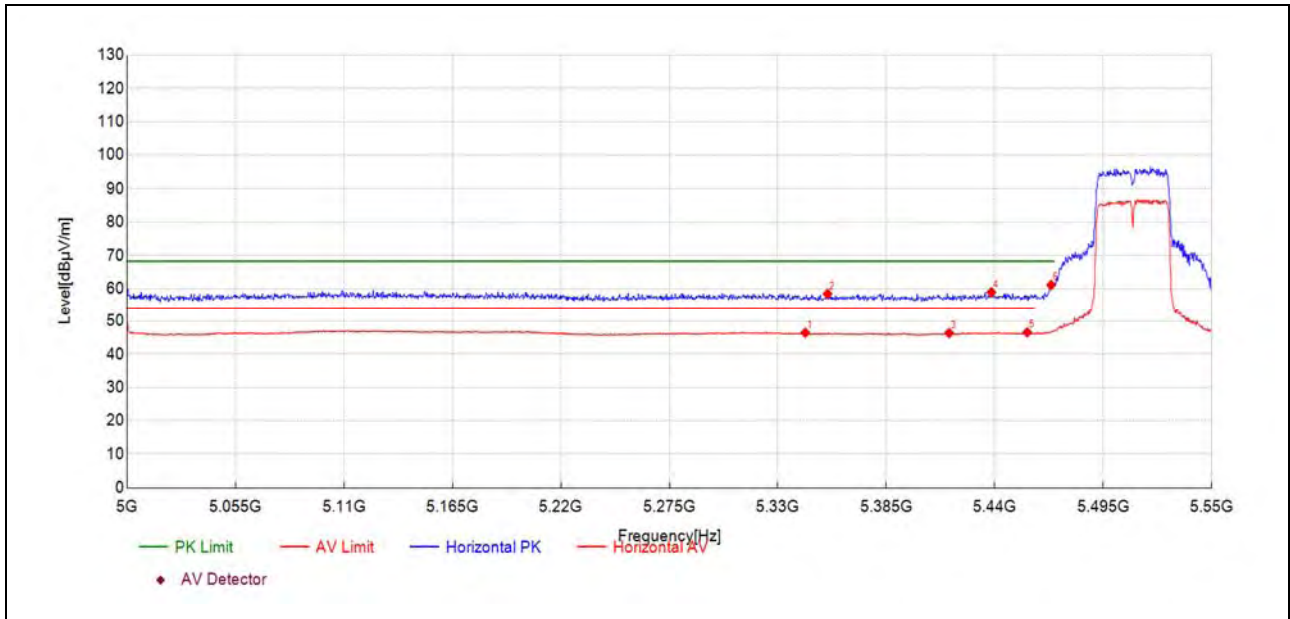
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
4728.03	39.0	59.34	20.300	74.00	14.66	150	270	PK	PASS
4749.99	27.7	48.05	20.320	54.00	5.95	150	240	AV	PASS
4939.89	27.2	47.09	19.910	54.00	6.91	150	360	AV	PASS
4973.40	39.8	59.68	19.850	74.00	14.32	150	324	PK	PASS
5060.07	38.2	58.46	20.260	74.00	15.54	150	324	PK	PASS
5080.10	26.2	46.56	20.390	54.00	7.44	150	270	AV	PASS

Plot for Channel 62



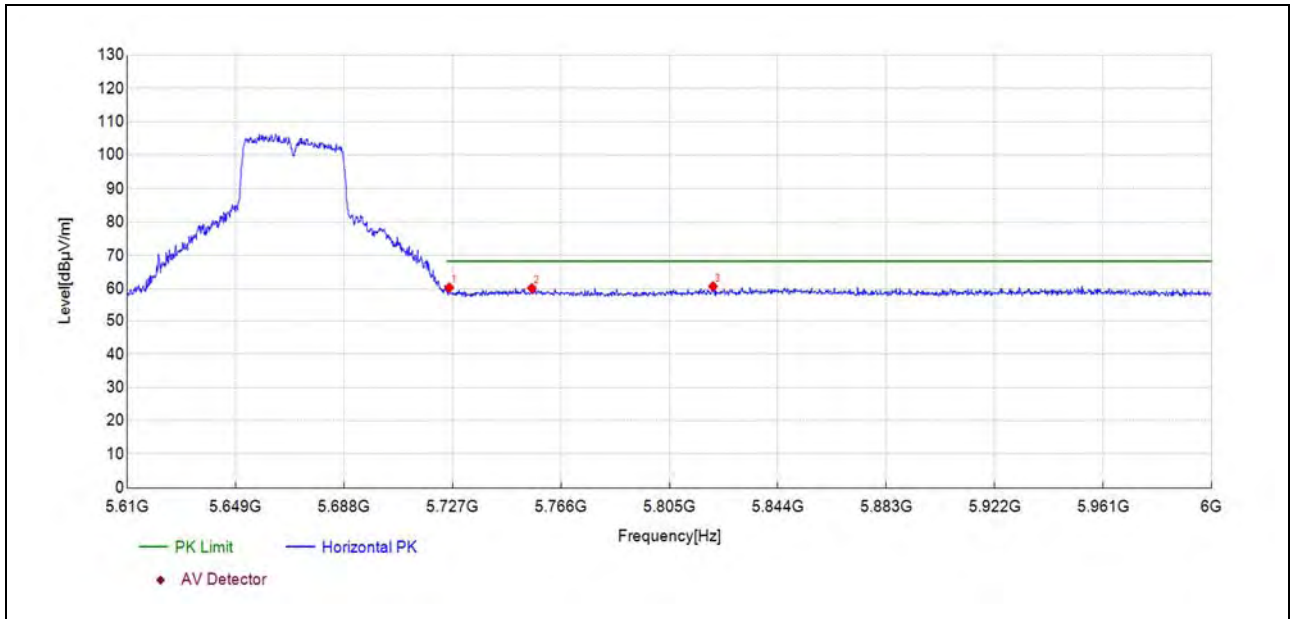
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5350.24	28.7	48.62	19.940	54.00	5.38	150	349	AV	PASS
5350.93	46.5	66.48	19.940	74.00	7.52	150	349	PK	PASS
5353.80	27.5	47.40	19.930	54.00	6.60	150	349	AV	PASS
5366.92	38.7	58.57	19.910	74.00	15.43	150	358	PK	PASS
5378.77	26.4	46.29	19.870	54.00	7.71	150	4	AV	PASS
5388.55	38.7	58.57	19.850	74.00	15.43	150	360	PK	PASS

Plot for Channel 102



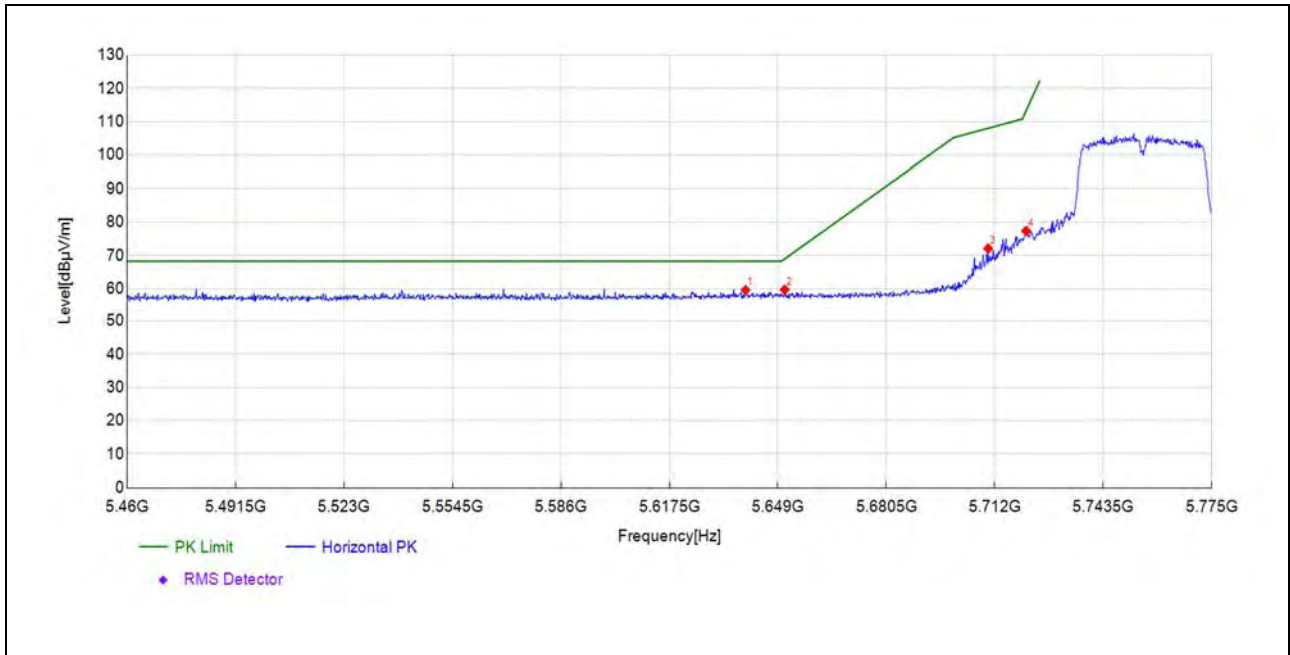
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5343.92	26.5	46.46	19.980	54.00	7.54	150	346	AV	PASS
5355.20	38.5	58.42	19.930	68.23	9.81	150	80	PK	PASS
5416.83	26.3	46.36	20.040	54.00	7.64	150	217	AV	PASS
5438.29	38.6	58.90	20.320	68.23	9.33	150	358	PK	PASS
5456.45	26.1	46.57	20.440	54.00	7.43	150	302	AV	PASS
5468.56	40.7	61.08	20.370	68.23	7.15	150	317	PK	PASS

Plot for Channel 134



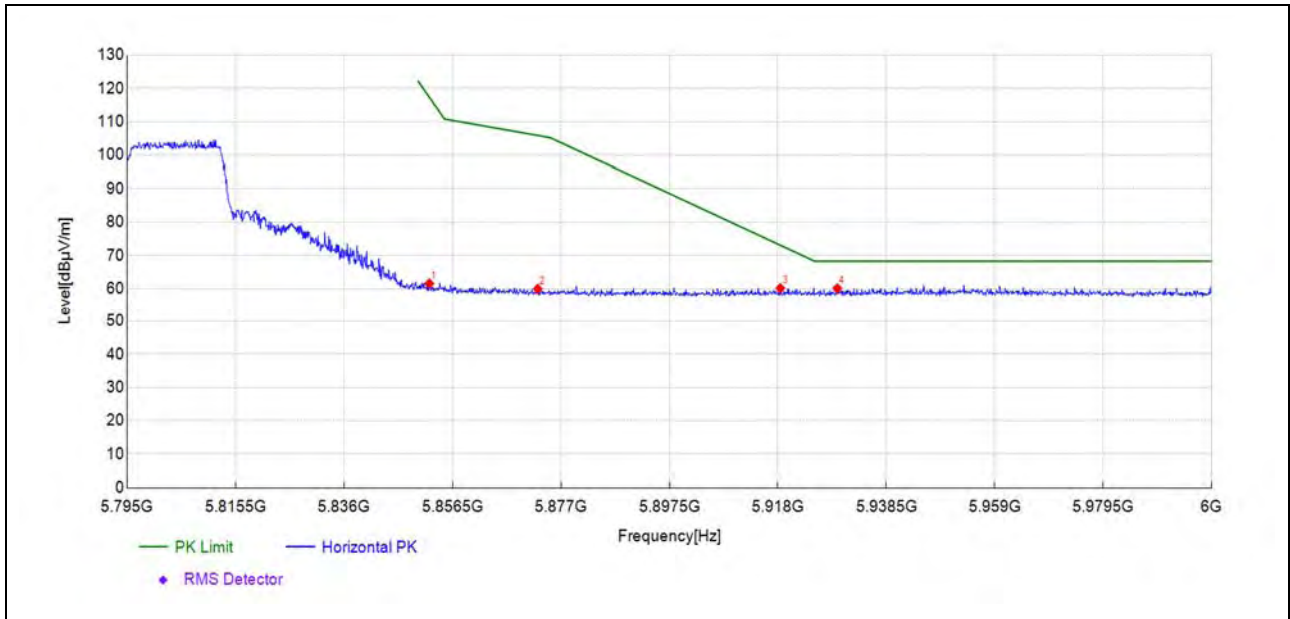
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5725.89	39.1	60.32	21.270	68.23	7.91	150	62	PK	PASS
5755.54	38.5	60.14	21.650	68.23	8.09	150	202	PK	PASS
5820.71	38.7	60.71	22.010	68.23	7.52	150	21	PK	PASS

Plot for Channel 151



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5639.64	38.8	59.57	20.820	68.23	8.66	150	236	PK	PASS
5650.99	38.7	59.69	21.000	68.96	9.27	150	152	PK	PASS
5710.08	51.1	72.11	21.030	108.05	35.94	150	341	PK	PASS
5721.11	56.2	77.37	21.210	113.36	35.99	150	326	PK	PASS

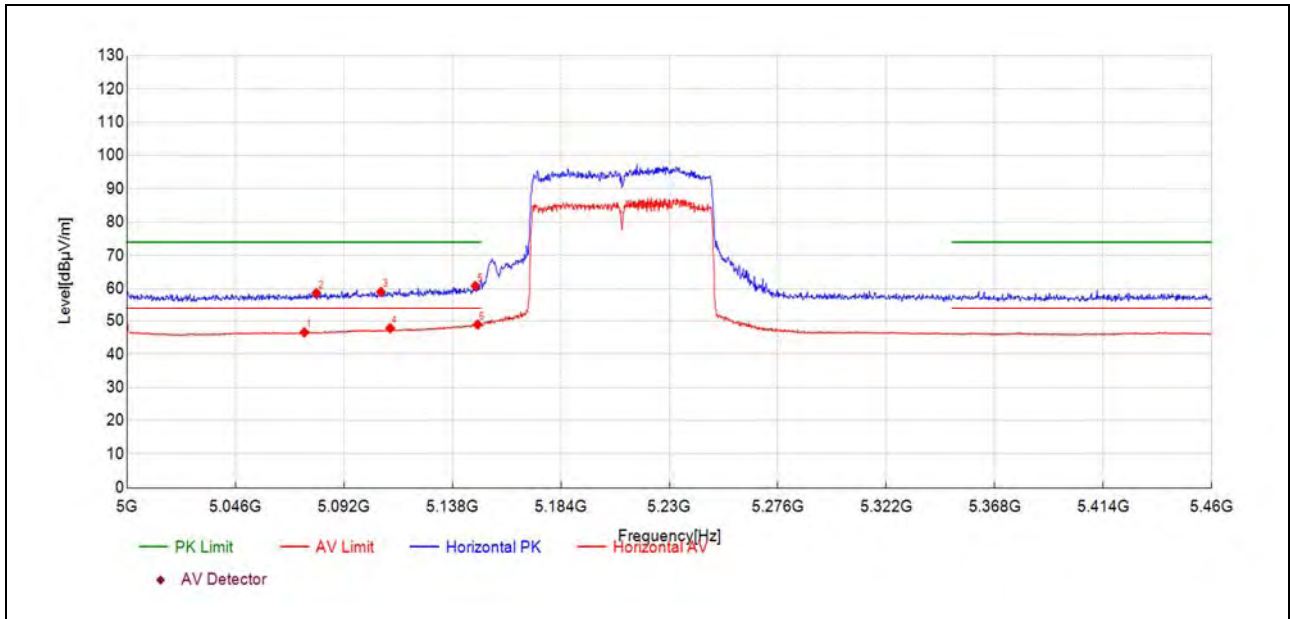
Plot for Channel 159



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5852.12	39.1	61.54	22.430	117.39	55.85	150	90	PK	PASS
5872.63	37.8	59.94	22.120	105.89	45.95	150	231	PK	PASS
5918.47	38.3	60.14	21.870	73.06	12.92	150	274	PK	PASS
5929.24	38.1	60.10	21.960	68.23	8.13	150	238	PK	PASS

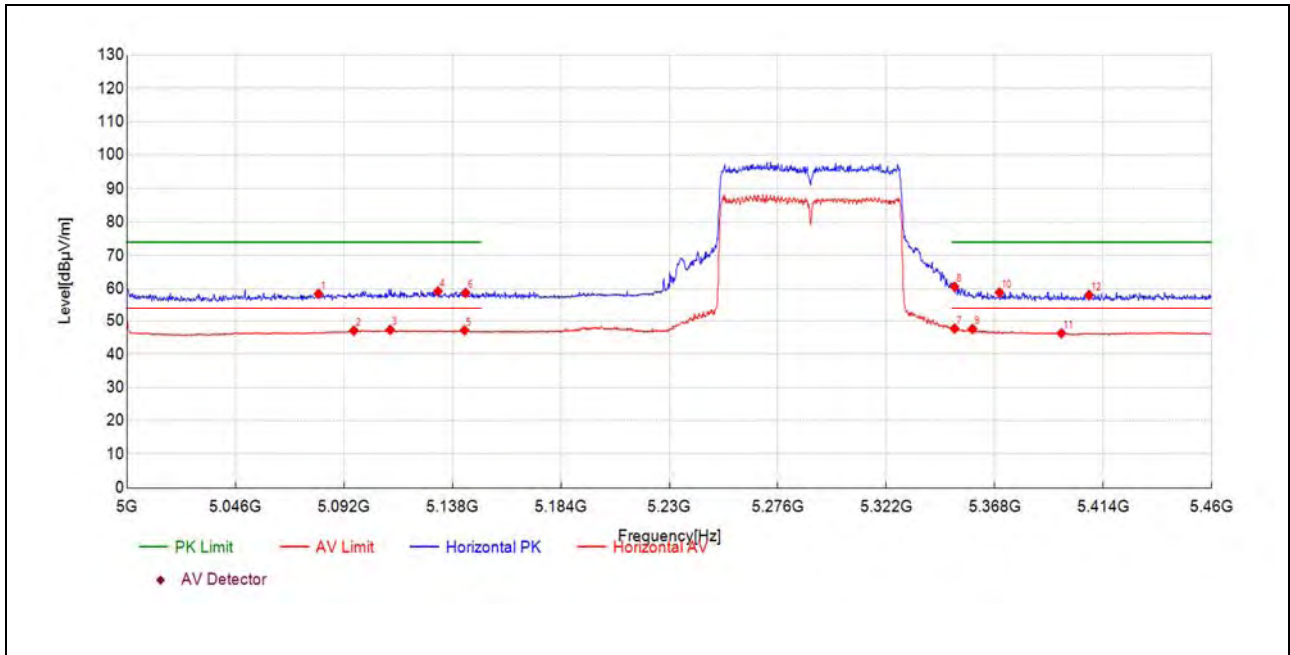
**802.11ac (VHT80) Mode**

Plot for Channel 42



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5075.25	26.2	46.56	20.360	54.00	7.44	150	357	AV	PASS
5080.31	38.3	58.66	20.390	74.00	15.34	150	60	PK	PASS
5107.69	38.5	59.02	20.480	74.00	14.98	150	206	PK	PASS
5111.61	27.3	47.80	20.480	54.00	6.20	150	357	AV	PASS
5147.73	40.5	60.80	20.320	74.00	13.20	150	38	PK	PASS
5148.65	28.6	48.91	20.320	54.00	5.09	150	198	AV	PASS

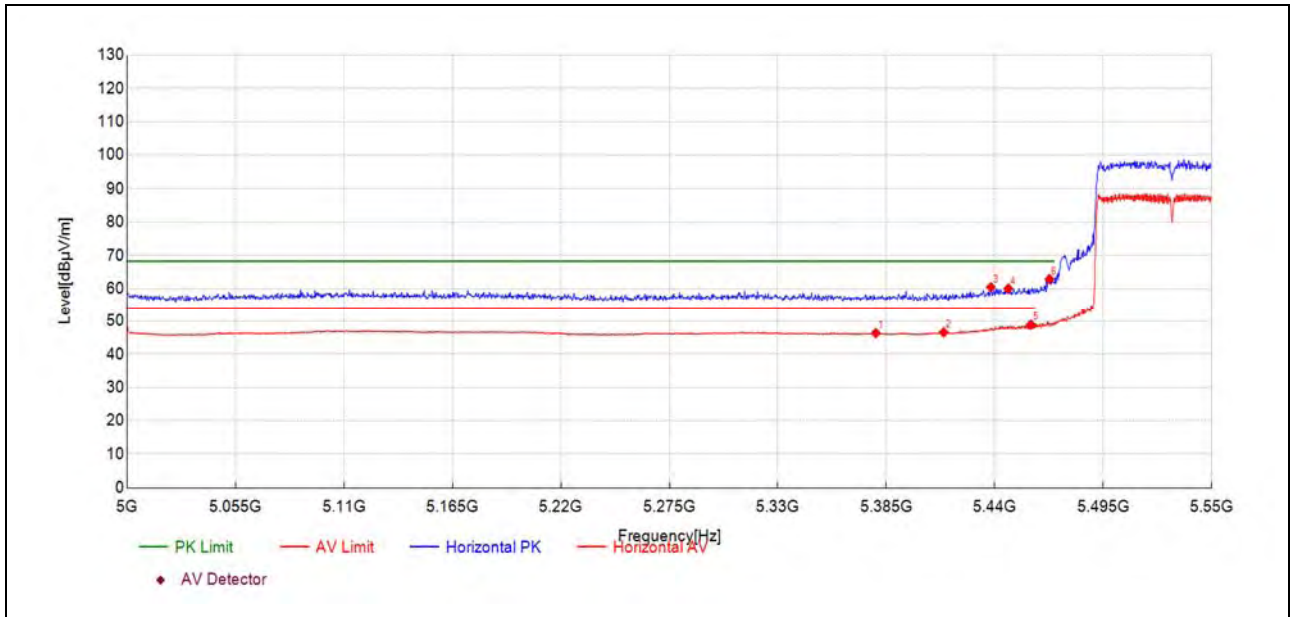
Plot for Channel 58



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5081.23	38.1	58.44	20.390	74.00	15.56	150	230	PK	PASS
5096.19	26.6	47.08	20.490	54.00	6.92	150	321	AV	PASS
5111.61	26.9	47.34	20.480	54.00	6.66	150	360	AV	PASS
5131.86	38.8	59.19	20.400	74.00	14.81	150	154	PK	PASS
5143.13	26.8	47.18	20.340	54.00	6.82	150	25	AV	PASS
5143.59	38.4	58.73	20.340	74.00	15.27	150	170	PK	PASS
5350.93	27.8	47.70	19.940	54.00	6.30	150	200	AV	PASS
5350.93	40.7	60.61	19.940	74.00	13.39	150	162	PK	PASS
5358.52	27.7	47.59	19.920	54.00	6.41	150	170	AV	PASS
5370.03	38.9	58.83	19.900	74.00	15.17	150	109	PK	PASS
5396.26	26.5	46.29	19.840	54.00	7.71	150	357	AV	PASS
5407.99	38.1	58.08	19.940	74.00	15.92	150	3	PK	PASS

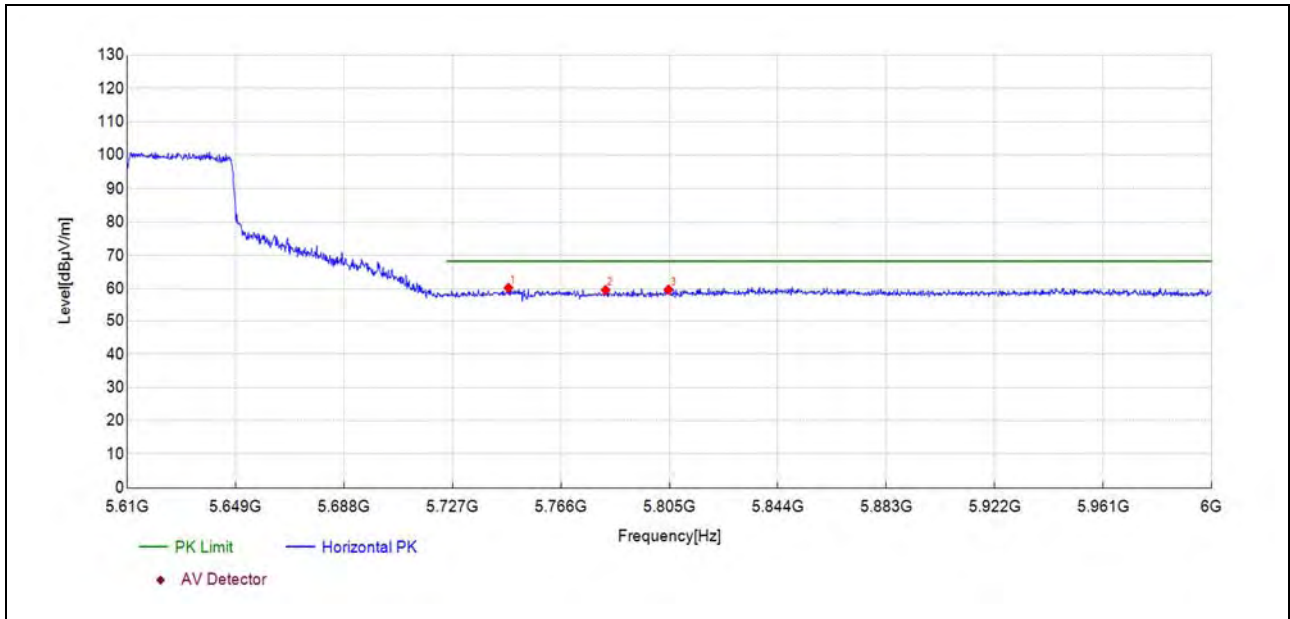


Plot for Channel 106



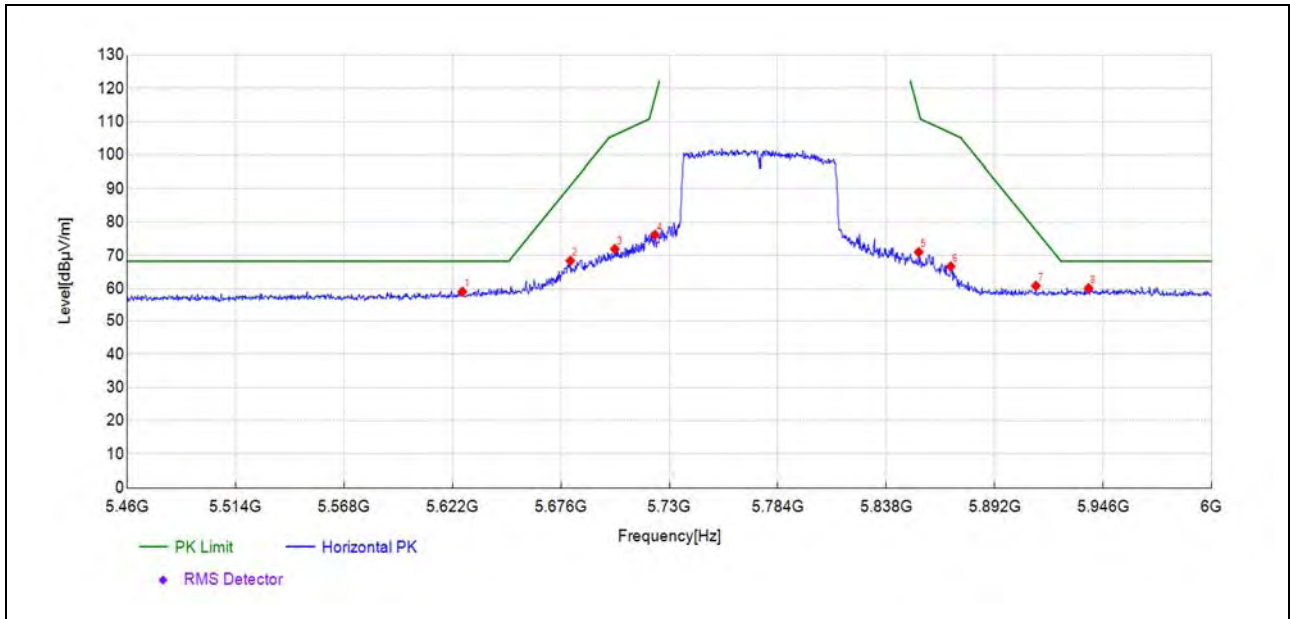
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5379.69	26.5	46.34	19.870	54.00	7.66	150	358	AV	PASS
5414.08	26.6	46.56	20.010	54.00	7.44	150	360	AV	PASS
5438.02	40.1	60.43	20.320	68.23	7.80	150	344	PK	PASS
5446.82	39.6	59.99	20.430	68.23	8.24	150	323	PK	PASS
5458.38	28.5	48.90	20.430	54.00	5.10	150	339	AV	PASS
5467.73	42.5	62.87	20.370	68.23	5.36	150	206	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
5747.15	38.6	60.22	21.600	68.23	8.01	150	308	PK	PASS
5782.08	37.9	59.57	21.680	68.23	8.66	150	161	PK	PASS
5804.71	37.9	59.69	21.780	68.23	8.54	150	287	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
5626.94	38.5	59.07	20.600	68.23	9.16	150	16	PK	PASS
5680.70	47.5	68.39	20.930	90.95	22.56	150	334	PK	PASS
5702.85	51.0	71.91	20.920	106.03	34.12	150	193	PK	PASS
5722.84	54.9	76.17	21.230	117.31	41.14	150	186	PK	PASS
5854.13	48.6	70.98	22.400	112.82	41.84	150	186	PK	PASS
5870.07	44.5	66.67	22.160	106.61	39.94	150	193	PK	PASS
5912.48	39.0	60.85	21.810	77.50	16.65	150	38	PK	PASS
5938.68	38.1	60.14	22.030	68.23	8.09	150	164	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.

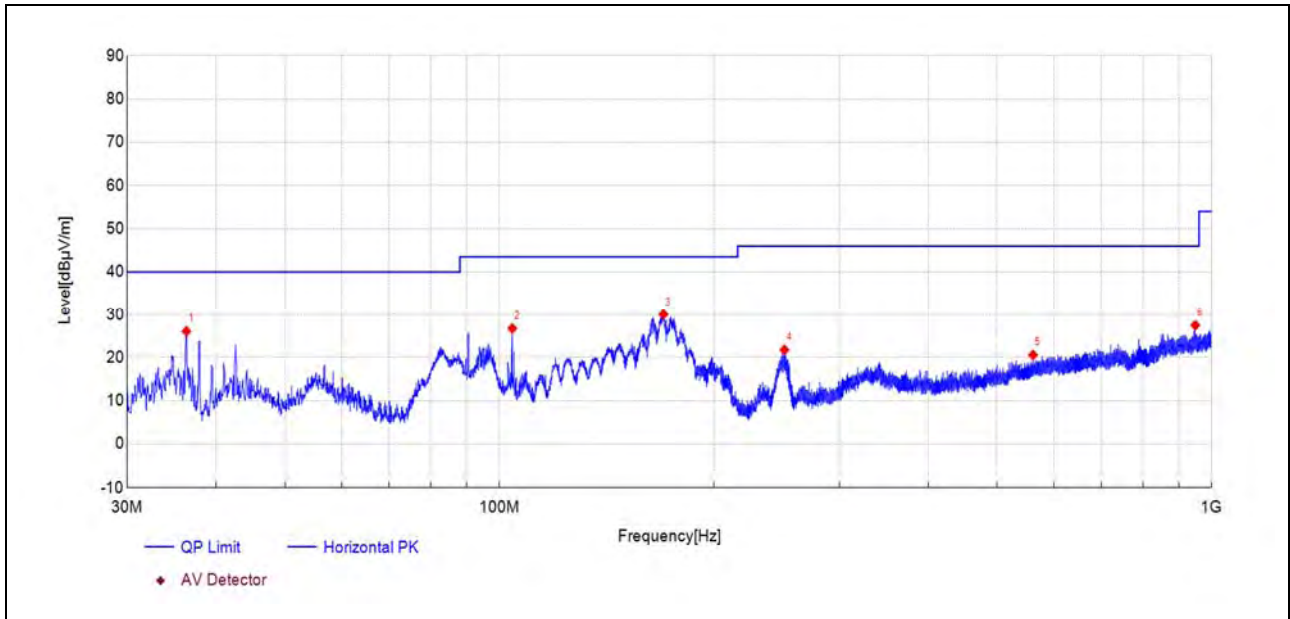
Note2: For the frequency, which started from 9kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

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 for each bandwidth.

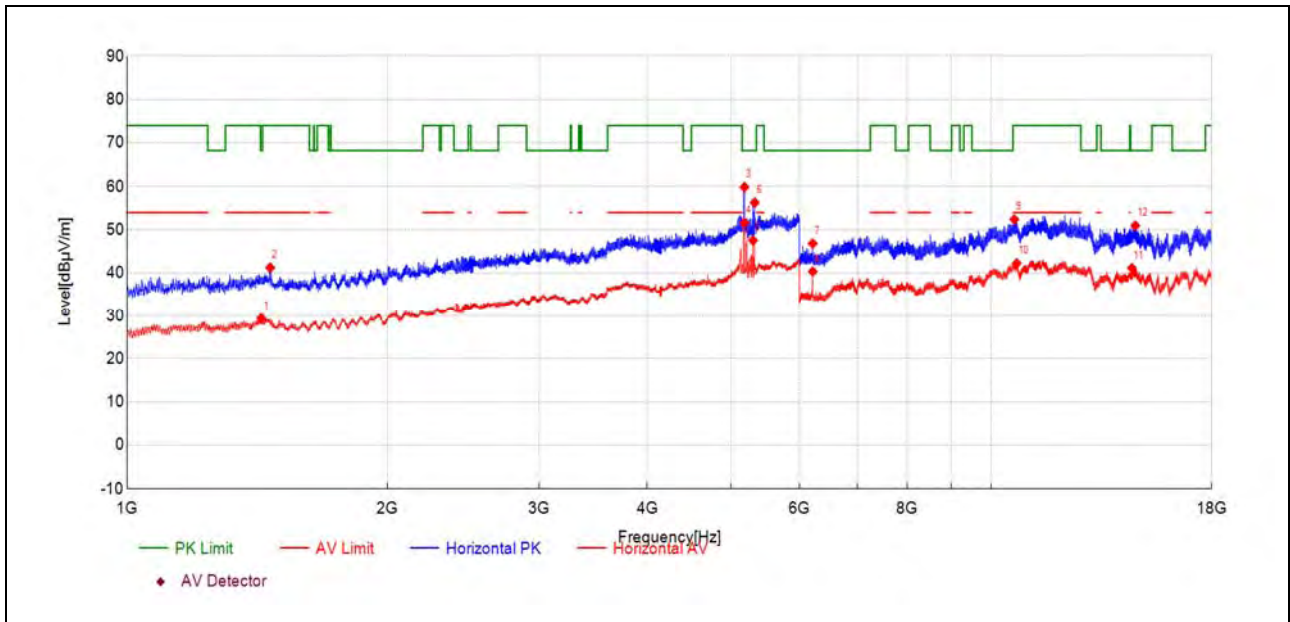
**802.11a Mode**

Plot for Channel 36



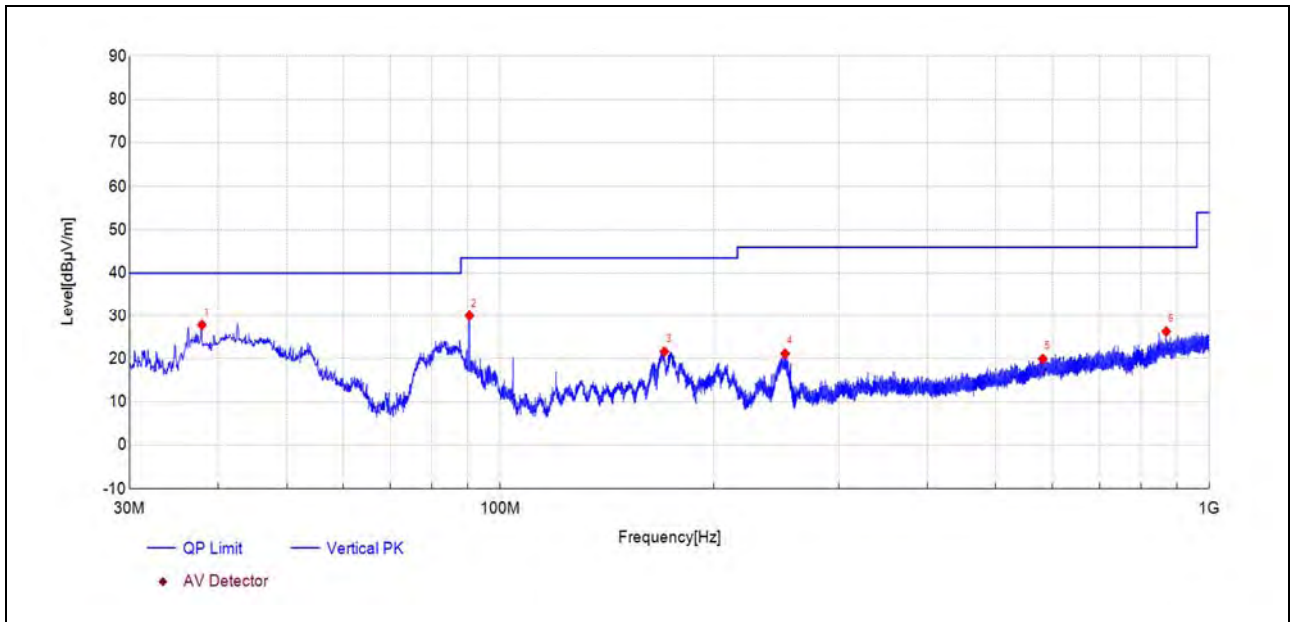
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
36.35	55.6	26.08	-29.480	40.00	13.92	150	200	PK	PASS
104.26	56.3	26.72	-29.540	43.50	16.78	150	351	PK	PASS
169.88	61.2	29.99	-31.210	43.50	13.51	150	0	PK	PASS
251.27	49.2	21.78	-27.420	46.00	24.22	150	160	PK	PASS
561.30	39.1	20.57	-18.550	46.00	25.43	150	180	PK	PASS
948.20	38.5	27.47	-10.990	46.00	18.53	150	58	PK	PASS



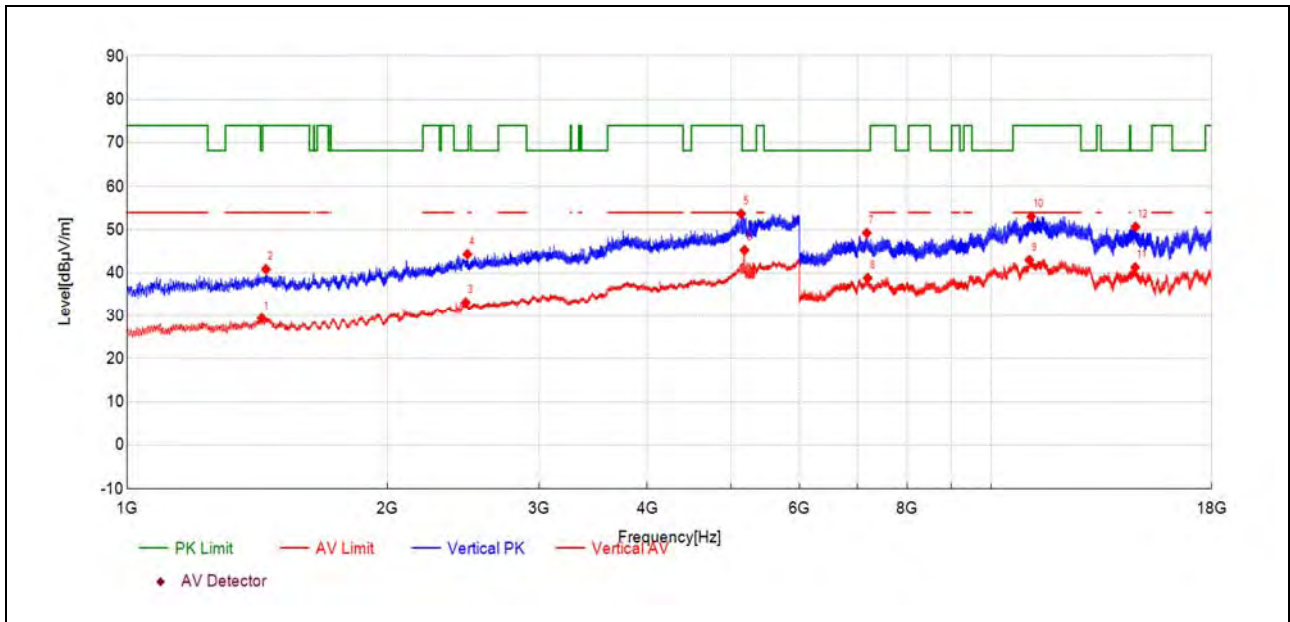
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1430.54	29.3	29.41	0.130	-	-	150	287	AV	NA
1464.55	41.2	41.24	0.080	74.00	32.76	150	86	PK	PASS
5181.42	43.4	59.89	16.470	68.23	8.34	150	119	PK	PASS
5181.42	35.2	51.62	16.470	-	-	150	119	AV	NA
5302.43	30.7	47.56	16.840	-	-	150	31	AV	NA
5325.43	39.2	56.30	17.110	68.23	11.93	150	31	PK	PASS
6216.01	46.3	46.84	0.570	68.23	21.39	150	15	PK	PASS
6216.51	39.8	40.34	0.580	-	-	150	256	AV	NA
10638.19	40.3	52.40	12.130	74.00	21.60	150	298	PK	PASS
10705.70	29.9	42.25	12.330	54.00	11.75	150	173	AV	PASS
14553.86	26.1	41.11	15.020	-	-	150	111	AV	NA
14682.86	35.6	50.98	15.420	68.23	17.25	150	5	PK	PASS



(Antenna Vertical, 30MHz to 1GHz)

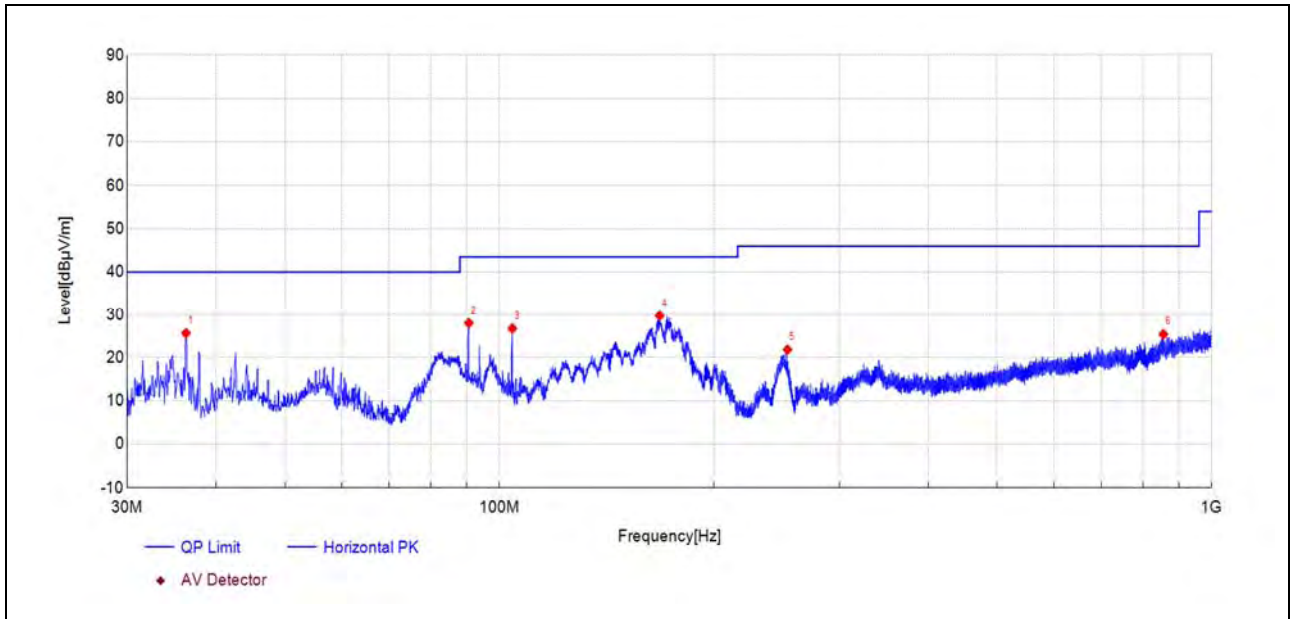
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
37.95	57.3	27.79	-29.540	40.00	12.21	150	301	PK	PASS
90.48	61.4	29.93	-31.470	43.50	13.57	150	360	PK	PASS
170.41	52.8	21.61	-31.160	43.50	21.89	150	9	PK	PASS
252.09	48.5	21.13	-27.370	46.00	24.87	150	322	PK	PASS
582.05	37.6	19.93	-17.630	46.00	26.07	150	64	PK	PASS
869.14	38.7	26.25	-12.420	46.00	19.75	150	254	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

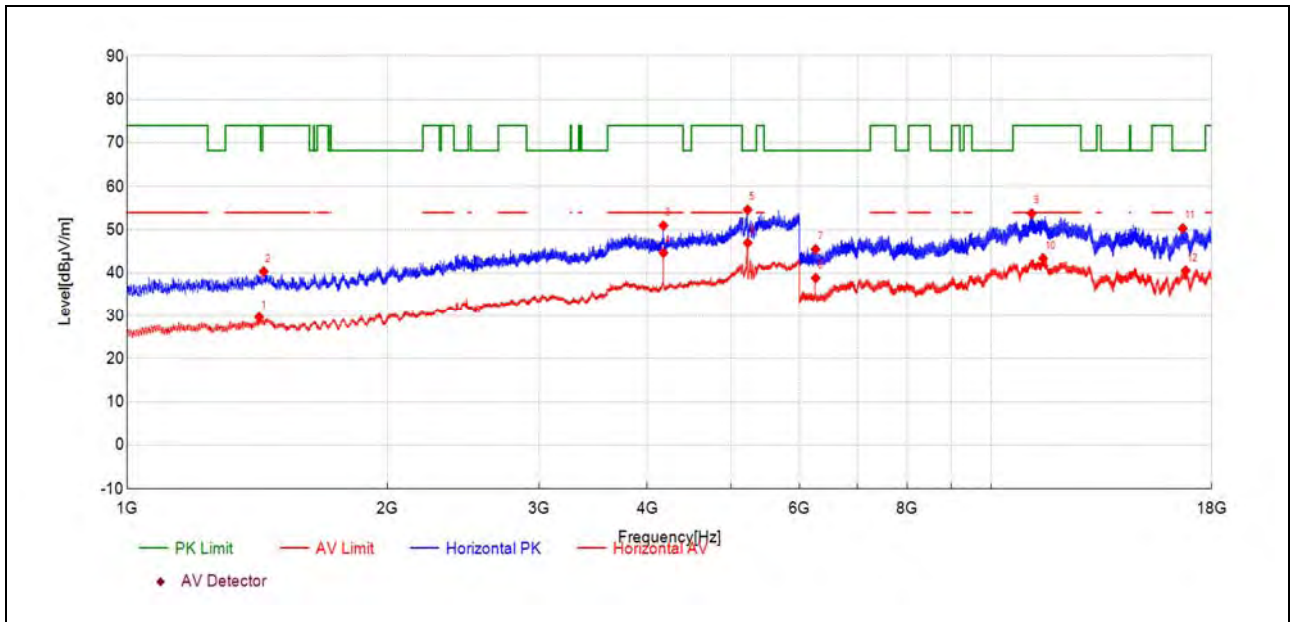
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1432.04	29.2	29.38	0.140	-	-	150	5	AV	NA
1448.04	40.6	40.89	0.270	74.00	33.11	150	282	PK	PASS
2466.15	27.0	33.16	6.160	-	-	150	2	AV	NA
2477.15	38.2	44.37	6.140	68.23	23.86	150	78	PK	PASS
5137.41	36.9	53.72	16.790	74.00	20.28	150	146	PK	PASS
5182.92	28.9	45.30	16.440	-	-	150	119	AV	NA
7179.05	44.5	49.28	4.790	68.23	18.95	150	287	PK	PASS
7198.05	33.9	38.86	5.010	-	-	150	99	AV	NA
11070.21	29.8	43.02	13.270	54.00	10.98	150	277	AV	PASS
11128.21	39.4	53.07	13.690	74.00	20.93	150	287	PK	PASS
14679.86	25.9	41.32	15.420	-	-	150	15	AV	NA
14693.86	35.3	50.68	15.410	68.23	17.55	150	287	PK	PASS

Plot for Channel 44



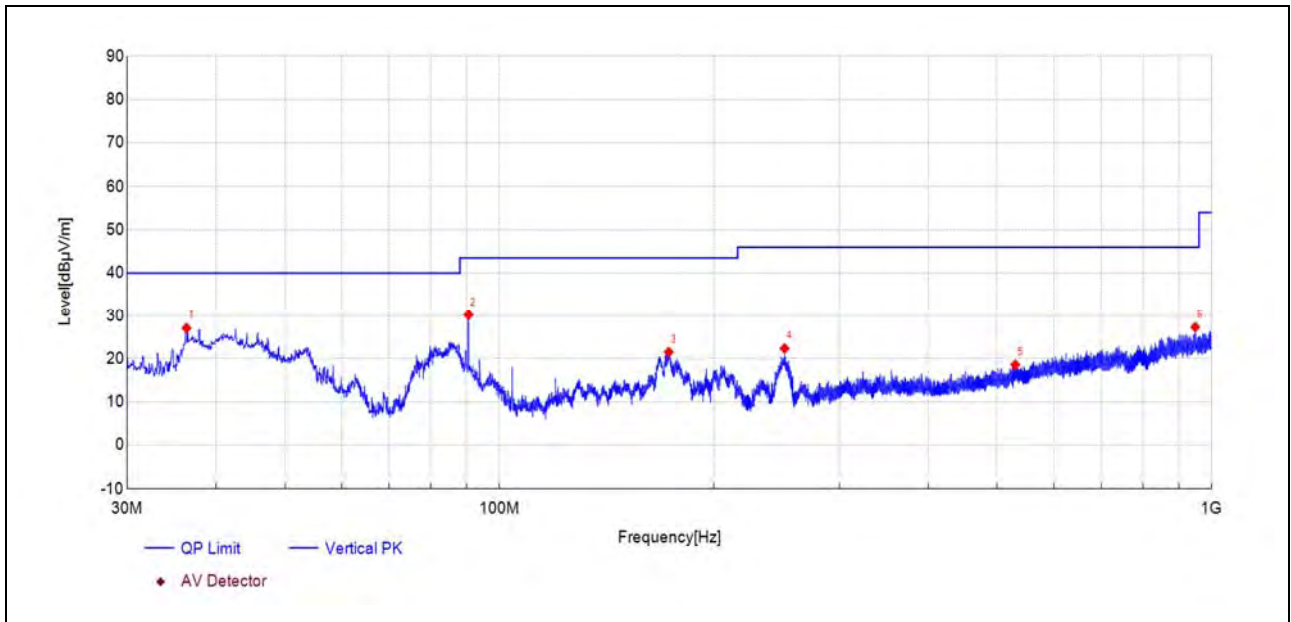
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
36.31	55.1	25.63	-29.500	40.00	14.37	150	223	PK	PASS
90.58	59.4	27.97	-31.440	43.50	15.53	150	310	PK	PASS
104.26	56.3	26.71	-29.540	43.50	16.79	150	283	PK	PASS
167.80	60.7	29.69	-30.990	43.50	13.81	150	1	PK	PASS
253.74	49.1	21.84	-27.280	46.00	24.16	150	149	PK	PASS
855.32	37.9	25.39	-12.500	46.00	20.61	150	351	PK	PASS



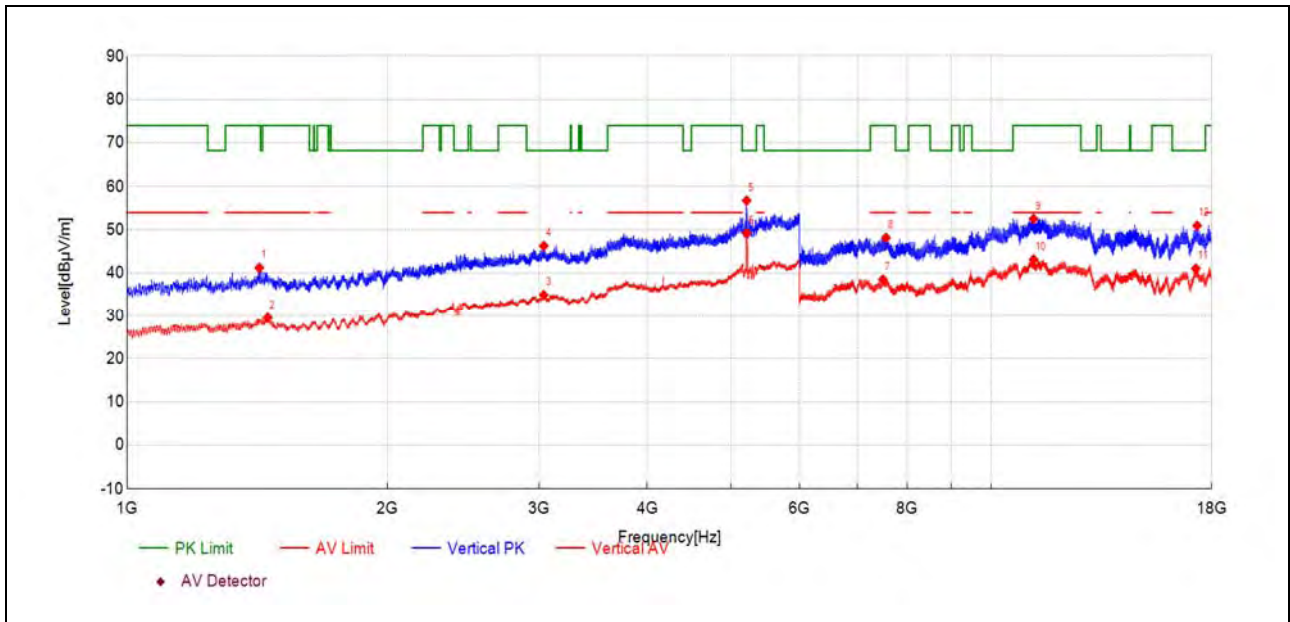
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1422.04	29.6	29.62	0.070	54.00	24.38	150	235	AV	PASS
1439.04	40.2	40.37	0.200	74.00	33.63	150	113	PK	PASS
4175.82	39.3	50.99	11.670	74.00	23.01	150	314	PK	PASS
4176.32	33.0	44.68	11.680	54.00	9.32	150	133	AV	PASS
5226.42	38.1	54.64	16.500	68.23	13.59	150	261	PK	PASS
5227.92	30.5	46.97	16.520	-	-	150	113	AV	NA
6263.51	44.9	45.50	0.580	68.23	22.73	150	212	PK	PASS
6264.51	38.3	38.85	0.580	-	-	150	222	AV	NA
11141.21	40.1	53.80	13.730	74.00	20.20	150	46	PK	PASS
11484.23	29.1	43.42	14.280	54.00	10.58	150	274	AV	PASS
16663.44	35.9	50.35	14.430	68.23	17.88	150	181	PK	PASS
16794.95	26.2	40.59	14.400	-	-	150	212	AV	NA



(Antenna Vertical, 30MHz to 1GHz)

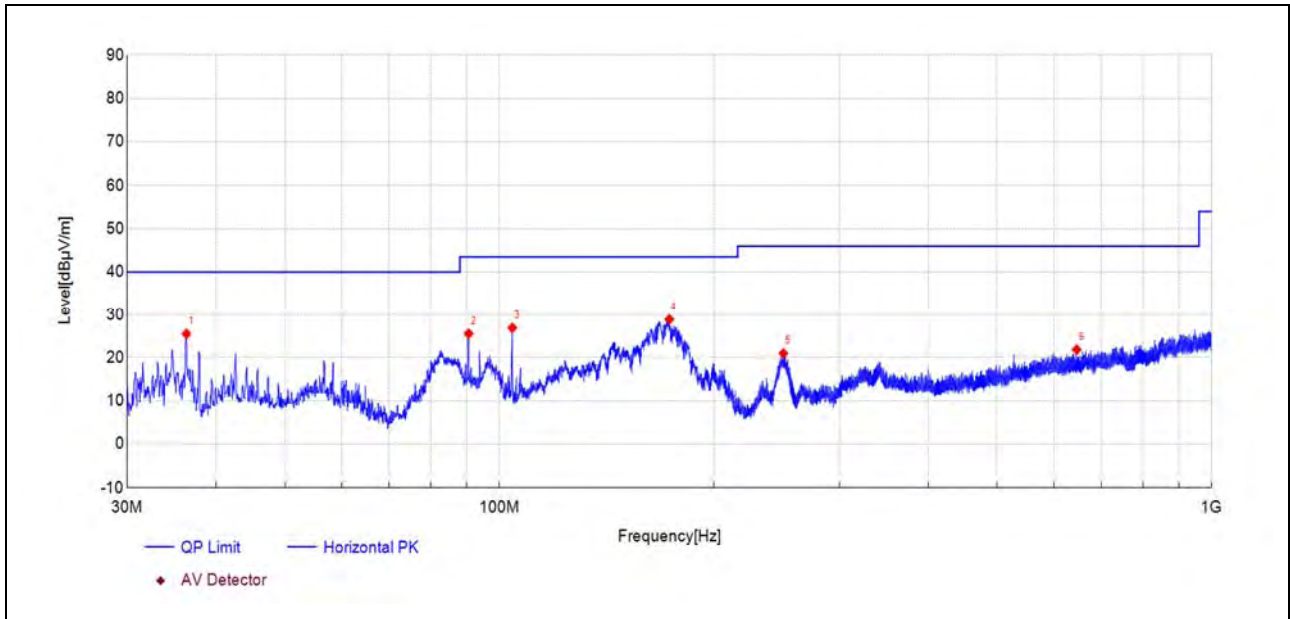
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
36.35	56.5	27.06	-29.480	40.00	12.94	150	250	PK	PASS
90.48	61.7	30.19	-31.470	43.50	13.31	150	360	PK	PASS
172.84	52.4	21.48	-30.880	43.50	22.02	150	9	PK	PASS
251.37	49.8	22.35	-27.420	46.00	23.65	150	311	PK	PASS
529.96	37.5	18.56	-18.890	46.00	27.44	150	325	PK	PASS
948.20	38.3	27.29	-10.990	46.00	18.71	150	217	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

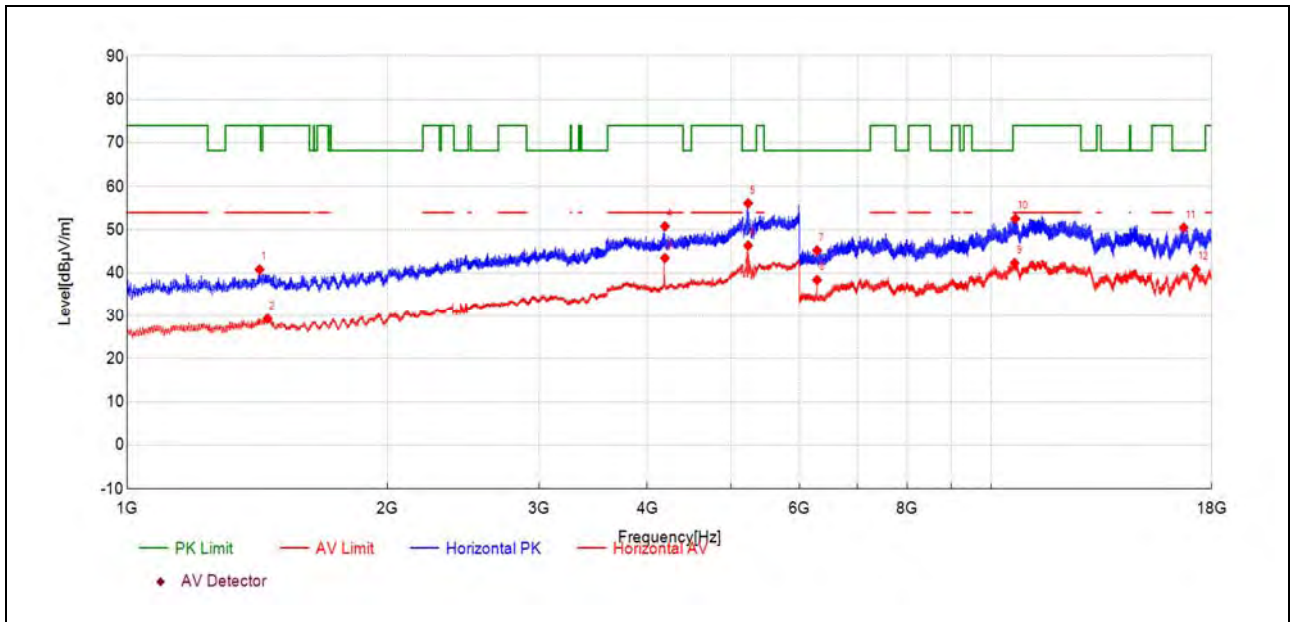
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1422.54	41.1	41.22	0.080	74.00	32.78	150	192	PK	PASS
1455.05	29.3	29.49	0.210	54.00	24.51	150	355	AV	PASS
3035.70	26.7	34.92	8.220	-	-	150	321	AV	NA
3036.20	38.1	46.29	8.230	68.23	21.94	150	5	PK	PASS
5212.92	40.5	56.78	16.310	68.23	11.45	150	132	PK	PASS
5213.92	32.9	49.22	16.330	-	-	150	132	AV	NA
7495.56	33.8	38.50	4.740	54.00	15.50	150	225	AV	PASS
7555.56	43.7	48.15	4.450	74.00	25.85	150	309	PK	PASS
11195.72	38.7	52.54	13.870	74.00	21.46	150	236	PK	PASS
11198.22	29.3	43.14	13.880	54.00	10.86	150	47	AV	PASS
17255.47	27.8	41.04	13.260	-	-	150	16	AV	NA
17313.47	37.8	50.97	13.210	68.23	17.26	150	5	PK	PASS

Plot for Channel 48



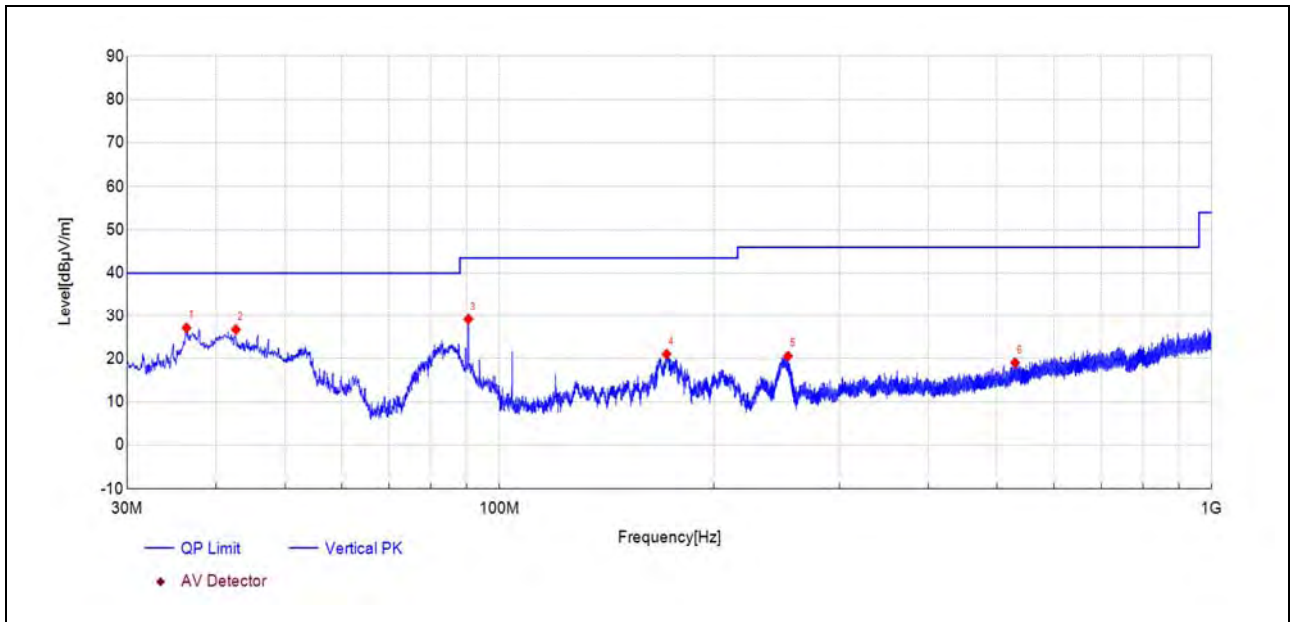
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
36.35	55.0	25.49	-29.480	40.00	14.51	150	344	PK	PASS
90.53	57.0	25.54	-31.450	43.50	17.96	150	276	PK	PASS
104.26	56.4	26.87	-29.540	43.50	16.63	150	331	PK	PASS
173.18	59.7	28.87	-30.870	43.50	14.63	150	0	PK	PASS
250.44	48.4	20.95	-27.460	46.00	25.05	150	168	PK	PASS
646.17	38.8	21.83	-16.990	46.00	24.17	150	262	PK	PASS



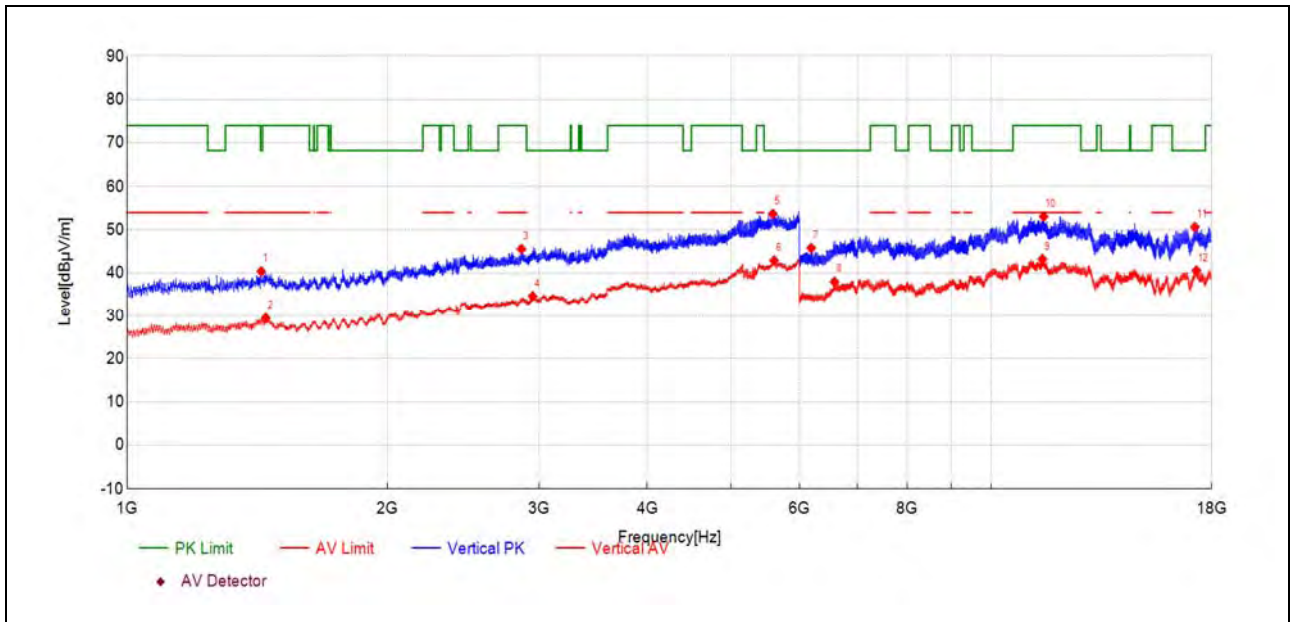
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1423.54	40.7	40.82	0.080	74.00	33.18	150	289	PK	PASS
1454.05	29.1	29.28	0.230	54.00	24.72	150	46	AV	PASS
4192.32	31.7	43.48	11.800	54.00	10.52	150	128	AV	PASS
4192.32	39.0	50.83	11.800	74.00	23.17	150	128	PK	PASS
5232.92	39.6	56.15	16.590	68.23	12.08	150	2	PK	PASS
5233.42	29.8	46.36	16.590	-	-	150	121	AV	NA
6287.51	44.7	45.21	0.480	68.23	23.02	150	266	PK	PASS
6288.51	37.9	38.40	0.480	-	-	150	223	AV	NA
10644.19	30.2	42.32	12.160	54.00	11.68	150	67	AV	PASS
10667.19	40.3	52.59	12.250	74.00	21.41	150	234	PK	PASS
16705.95	35.8	50.51	14.670	68.23	17.72	150	244	PK	PASS
17257.97	27.6	40.84	13.260	-	-	150	213	AV	NA



(Antenna Vertical, 30MHz to 1GHz)

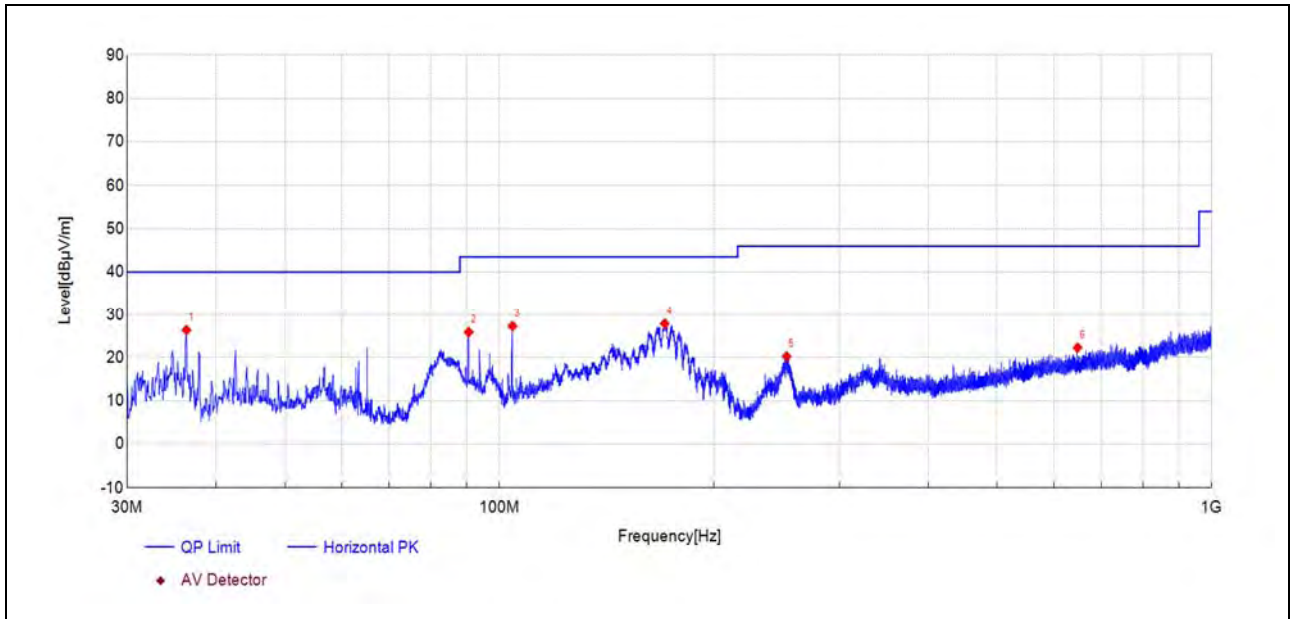
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
36.35	56.6	27.11	-29.480	40.00	12.89	150	9	PK	PASS
42.66	55.0	26.72	-28.240	40.00	13.28	150	339	PK	PASS
90.43	60.6	29.13	-31.480	43.50	14.37	150	208	PK	PASS
171.68	51.8	21.02	-30.740	43.50	22.48	150	17	PK	PASS
254.18	47.8	20.58	-27.250	46.00	25.42	150	161	PK	PASS
529.53	38.0	19.05	-18.980	46.00	26.95	150	332	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

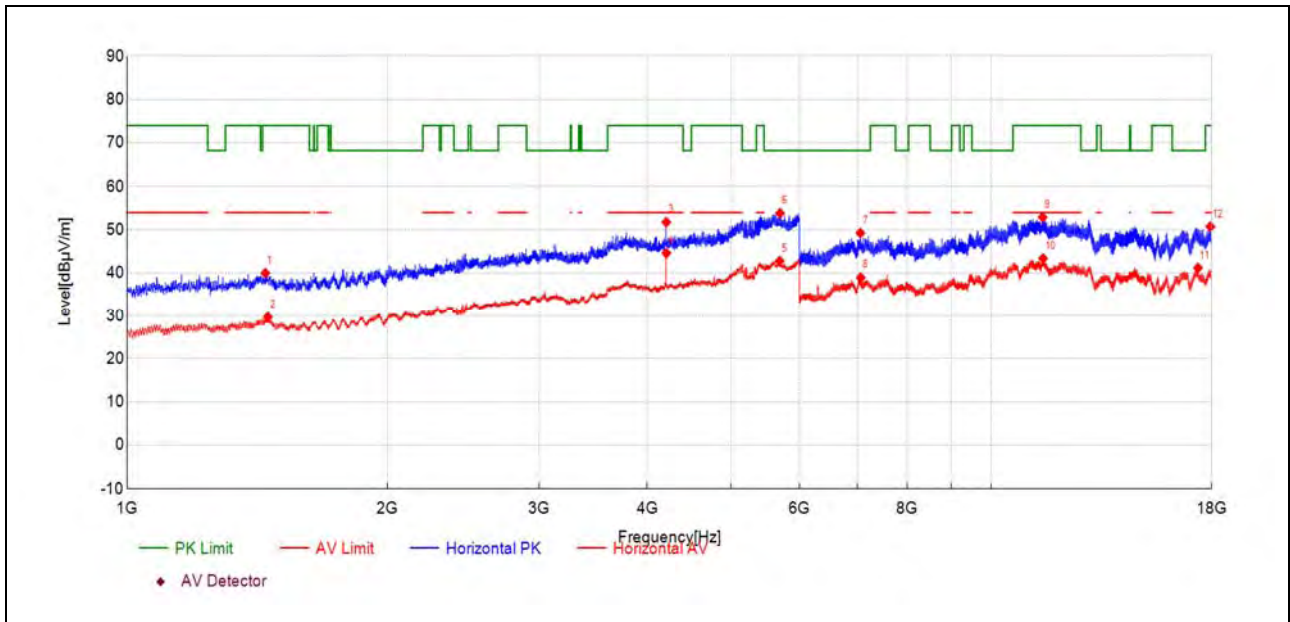
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1430.04	40.3	40.40	0.130	68.23	27.83	150	118	PK	PASS
1447.04	29.2	29.45	0.260	54.00	24.55	150	58	AV	PASS
2860.69	38.0	45.56	7.580	74.00	28.44	150	173	PK	PASS
2947.69	27.1	34.60	7.520	-	-	150	193	AV	NA
5588.96	35.7	53.68	17.960	68.23	14.55	150	44	PK	PASS
5608.46	24.8	42.90	18.140	-	-	150	193	AV	NA
6191.01	45.2	45.79	0.630	68.23	22.44	150	257	PK	PASS
6588.02	34.9	37.97	3.050	-	-	150	194	AV	NA
11464.73	29.0	43.22	14.240	54.00	10.78	150	330	AV	PASS
11501.73	38.8	53.06	14.300	74.00	20.94	150	299	PK	PASS
17212.47	37.2	50.65	13.430	68.23	17.58	150	58	PK	PASS
17281.97	27.4	40.59	13.160	-	-	150	163	AV	NA

Plot for Channel 52



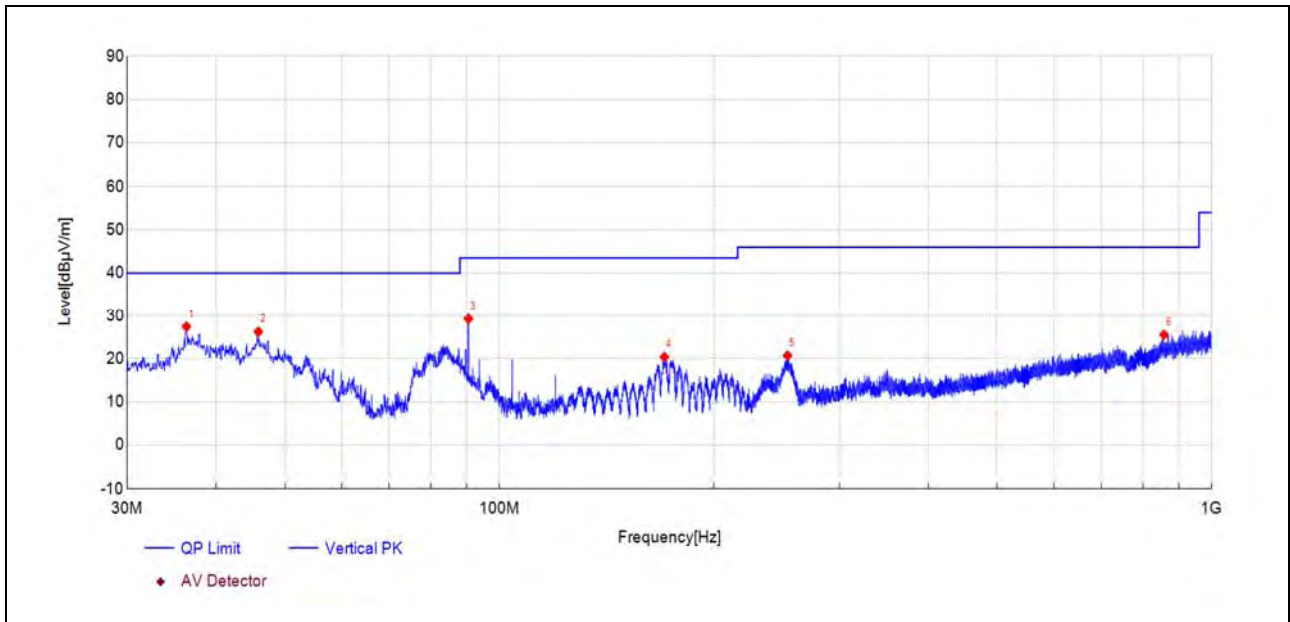
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
36.35	55.8	26.35	-29.480	40.00	13.65	150	18	PK	PASS
90.53	57.3	25.89	-31.450	43.50	17.61	150	208	PK	PASS
104.31	56.8	27.27	-29.520	43.50	16.23	150	310	PK	PASS
170.66	59.0	27.86	-31.160	43.50	15.64	150	3	PK	PASS
253.01	47.6	20.24	-27.320	46.00	25.76	150	133	PK	PASS
648.07	39.1	22.26	-16.800	46.00	23.74	150	324	PK	PASS



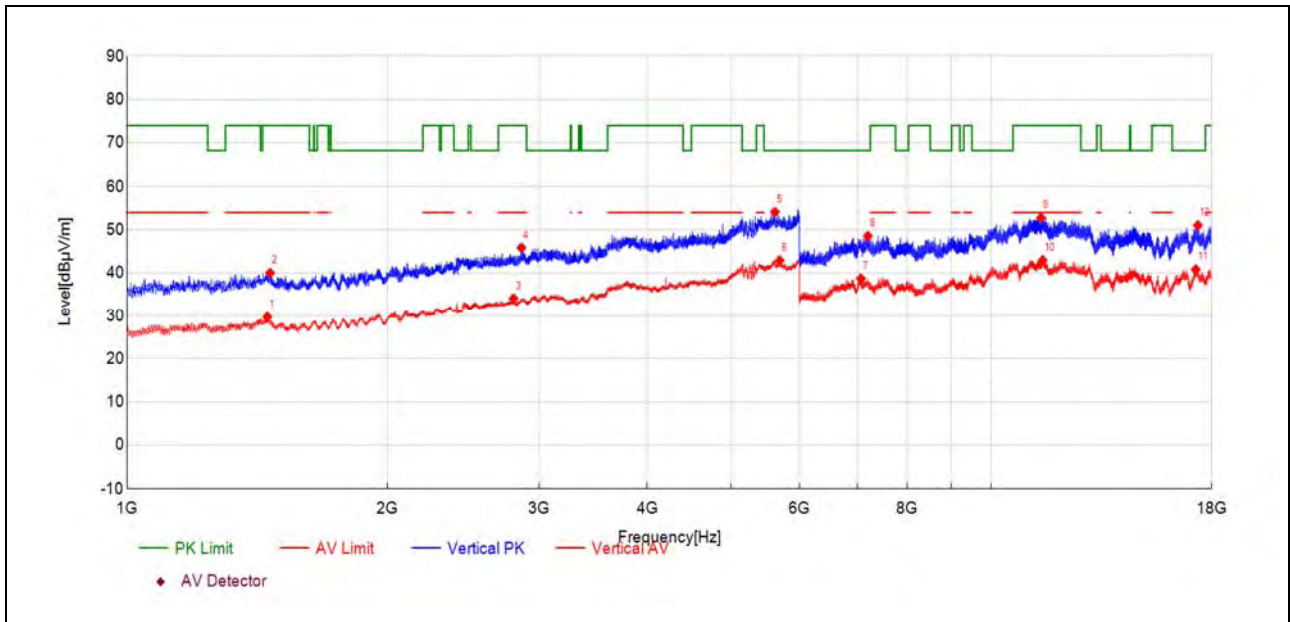
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1445.54	39.7	39.98	0.250	74.00	34.02	150	181	PK	PASS
1455.55	29.5	29.66	0.200	54.00	24.34	150	188	AV	PASS
4207.82	39.9	51.77	11.920	74.00	22.23	150	348	PK	PASS
4208.32	32.7	44.61	11.920	54.00	9.39	150	128	AV	PASS
5690.97	24.4	42.79	18.420	-	-	150	214	AV	NA
5697.97	35.4	53.85	18.460	68.23	14.38	150	134	PK	PASS
7059.54	45.1	49.28	4.140	68.23	18.95	150	36	PK	PASS
7065.54	34.9	38.98	4.110	-	-	150	318	AV	NA
11469.23	38.7	52.91	14.260	74.00	21.09	150	350	PK	PASS
11484.23	29.1	43.37	14.280	54.00	10.63	150	5	AV	PASS
17351.97	27.7	41.20	13.500	-	-	150	119	AV	NA
17937.00	37.9	50.74	12.840	74.00	23.26	150	78	PK	PASS



(Antenna Vertical, 30MHz to 1GHz)

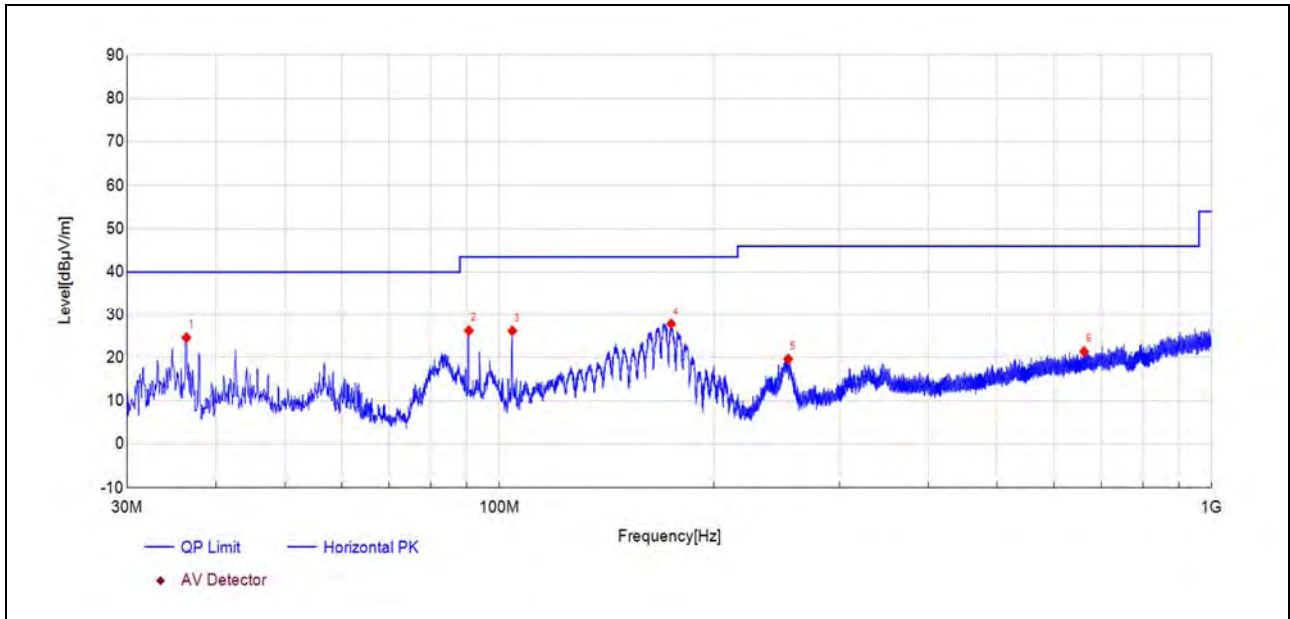
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
36.35	56.9	27.40	-29.480	40.00	12.60	150	351	PK	PASS
45.86	54.6	26.22	-28.410	40.00	13.78	150	360	PK	PASS
90.48	60.7	29.25	-31.470	43.50	14.25	150	9	PK	PASS
170.46	51.5	20.35	-31.160	43.50	23.15	150	9	PK	PASS
253.84	48.0	20.69	-27.270	46.00	25.31	150	311	PK	PASS
857.06	38.2	25.53	-12.660	46.00	20.47	150	116	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

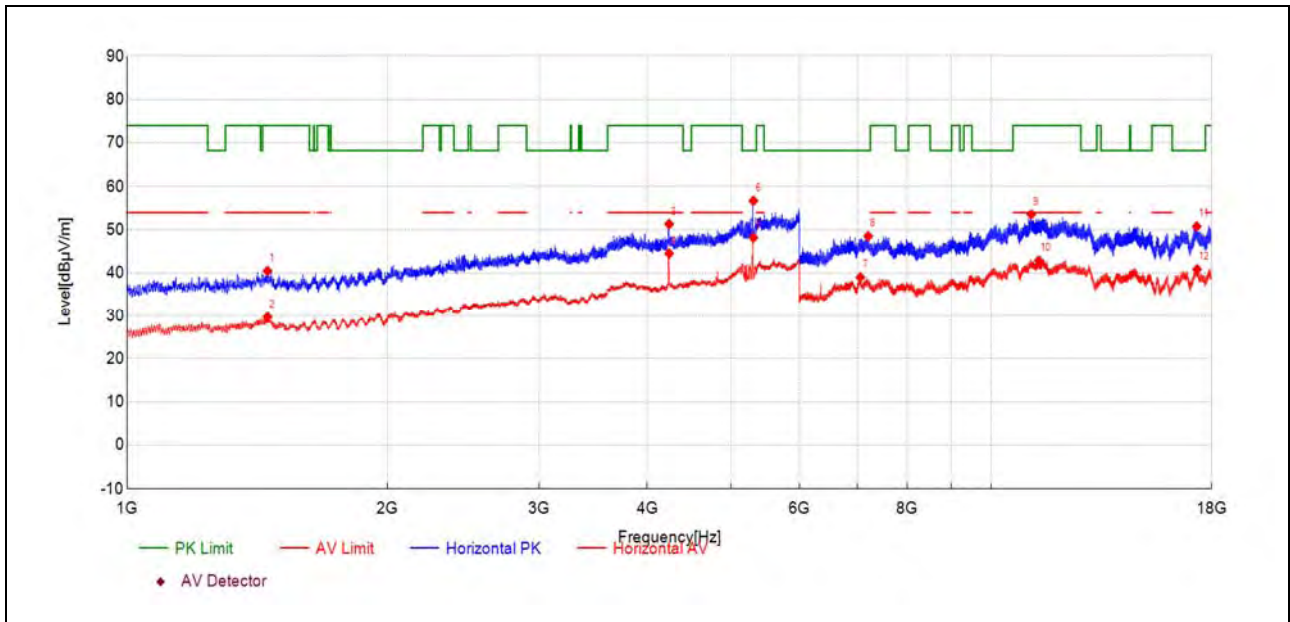
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1453.55	29.5	29.70	0.230	54.00	24.30	150	220	AV	PASS
1464.05	39.9	40.01	0.090	74.00	33.99	150	85	PK	PASS
2801.18	27.2	34.08	6.850	54.00	19.92	150	275	AV	PASS
2860.69	38.3	45.83	7.580	74.00	28.17	150	85	PK	PASS
5620.96	36.1	54.15	18.100	68.23	14.08	150	308	PK	PASS
5692.47	24.5	42.92	18.420	-	-	150	167	AV	NA
7068.54	34.6	38.72	4.090	-	-	150	47	AV	NA
7199.05	43.5	48.56	5.030	68.23	19.67	150	299	PK	PASS
11422.73	38.6	52.80	14.170	74.00	21.20	150	79	PK	PASS
11473.23	28.7	42.95	14.260	54.00	11.05	150	205	AV	PASS
17251.97	27.6	40.84	13.280	-	-	150	131	AV	NA
17351.47	37.6	51.05	13.490	68.23	17.18	150	299	PK	PASS

Plot for Channel 60



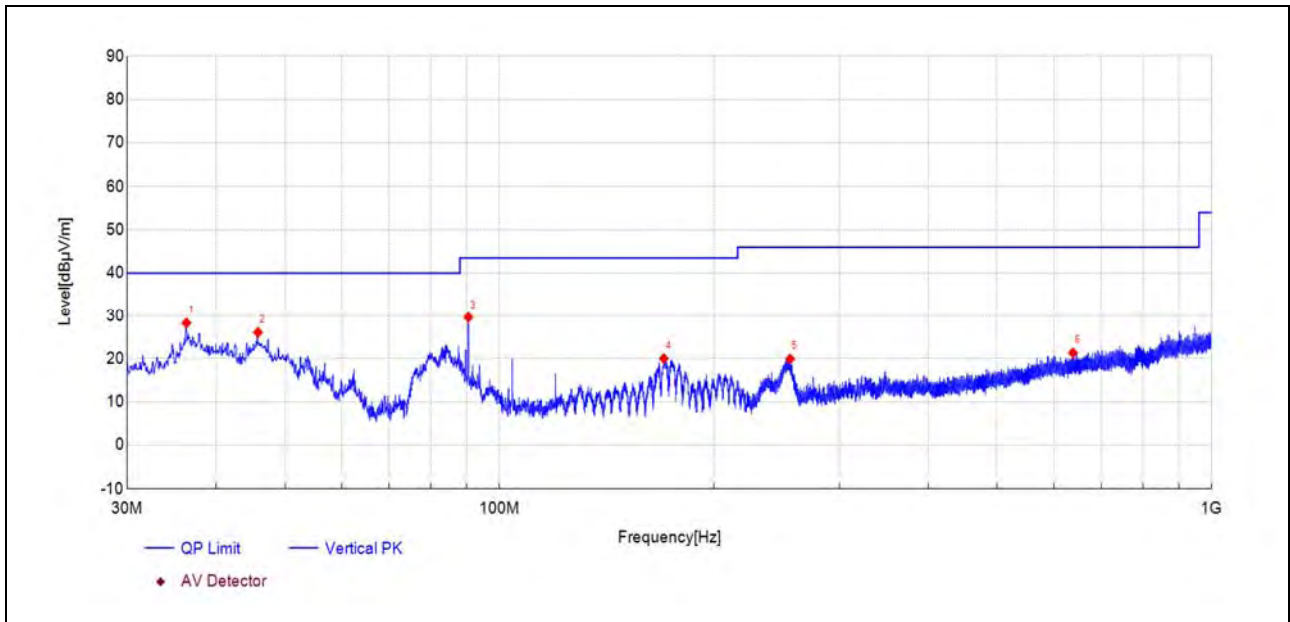
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
36.35	54.1	24.61	-29.480	40.00	15.39	150	141	PK	PASS
90.58	57.6	26.20	-31.440	43.50	17.30	150	303	PK	PASS
104.26	55.7	26.16	-29.540	43.50	17.34	150	116	PK	PASS
174.25	58.5	27.77	-30.680	43.50	15.73	150	0	PK	PASS
254.23	46.9	19.63	-27.250	46.00	26.37	150	155	PK	PASS
661.89	37.6	21.36	-16.240	46.00	24.64	150	344	PK	PASS



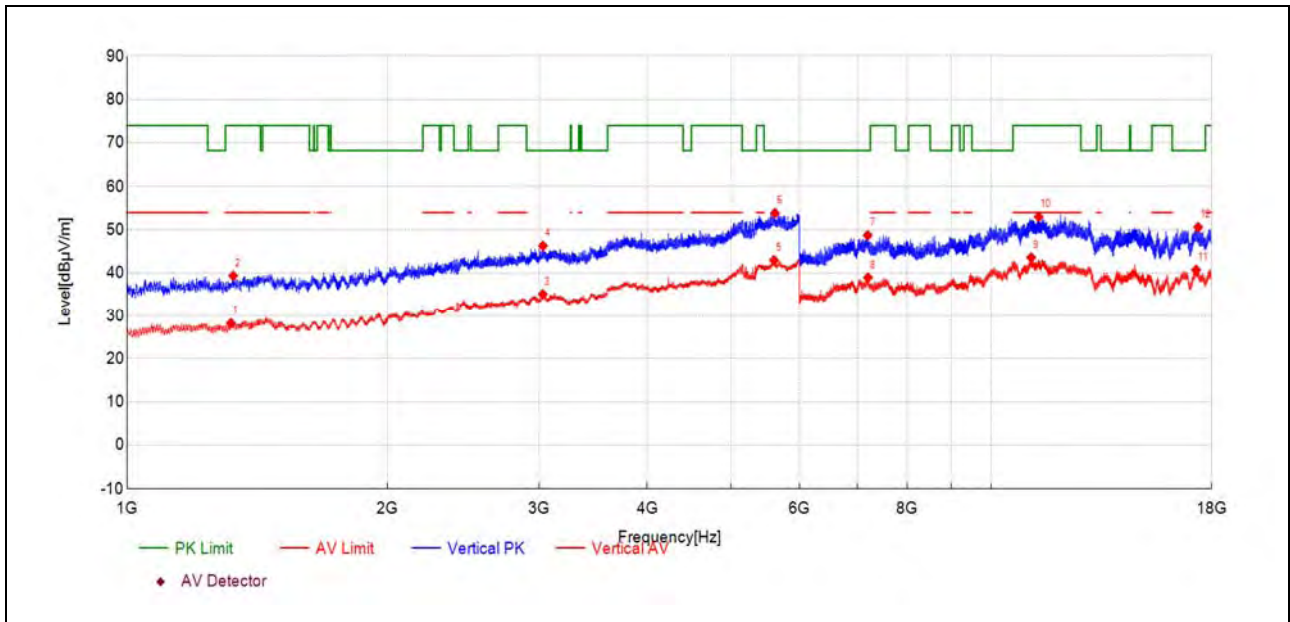
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1454.05	40.3	40.48	0.230	74.00	33.52	150	355	PK	PASS
1454.05	29.4	29.66	0.230	54.00	24.34	150	308	AV	PASS
4239.82	39.2	51.34	12.140	74.00	22.66	150	349	PK	PASS
4240.32	32.4	44.55	12.140	54.00	9.45	150	128	AV	PASS
5307.43	31.3	48.20	16.900	-	-	150	121	AV	NA
5307.93	39.8	56.73	16.910	68.23	11.50	150	114	PK	PASS
7057.04	34.9	39.02	4.160	-	-	150	172	AV	NA
7206.55	43.6	48.55	4.930	68.23	19.68	150	35	PK	PASS
11128.71	39.9	53.58	13.700	74.00	20.42	150	357	PK	PASS
11354.72	29.3	42.90	13.650	54.00	11.10	150	348	AV	PASS
17295.47	37.7	50.78	13.110	68.23	17.45	150	25	PK	PASS
17312.47	27.7	40.87	13.200	-	-	150	5	AV	NA



(Antenna Vertical, 30MHz to 1GHz)

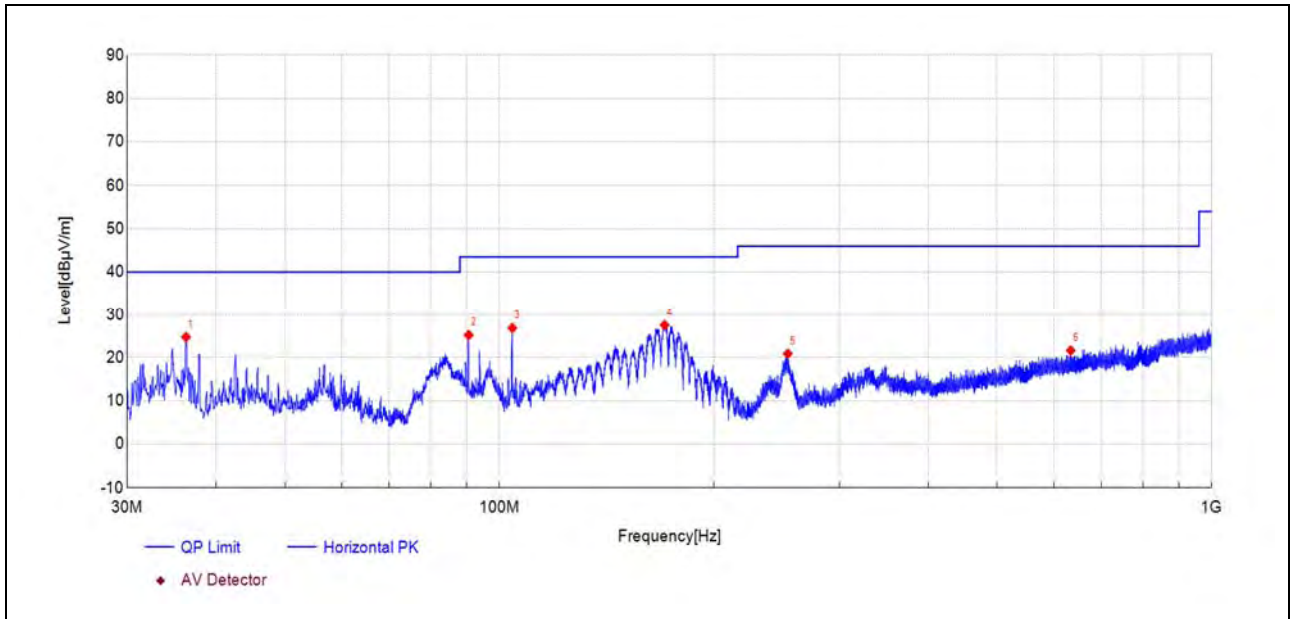
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
36.35	57.8	28.27	-29.480	40.00	11.73	150	327	PK	PASS
45.81	54.5	26.07	-28.390	40.00	13.93	150	357	PK	PASS
90.43	61.1	29.60	-31.480	43.50	13.90	150	98	PK	PASS
170.17	51.2	20.00	-31.170	43.50	23.50	150	9	PK	PASS
255.88	47.3	19.91	-27.350	46.00	26.09	150	306	PK	PASS
638.61	38.0	21.33	-16.690	46.00	24.67	150	314	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

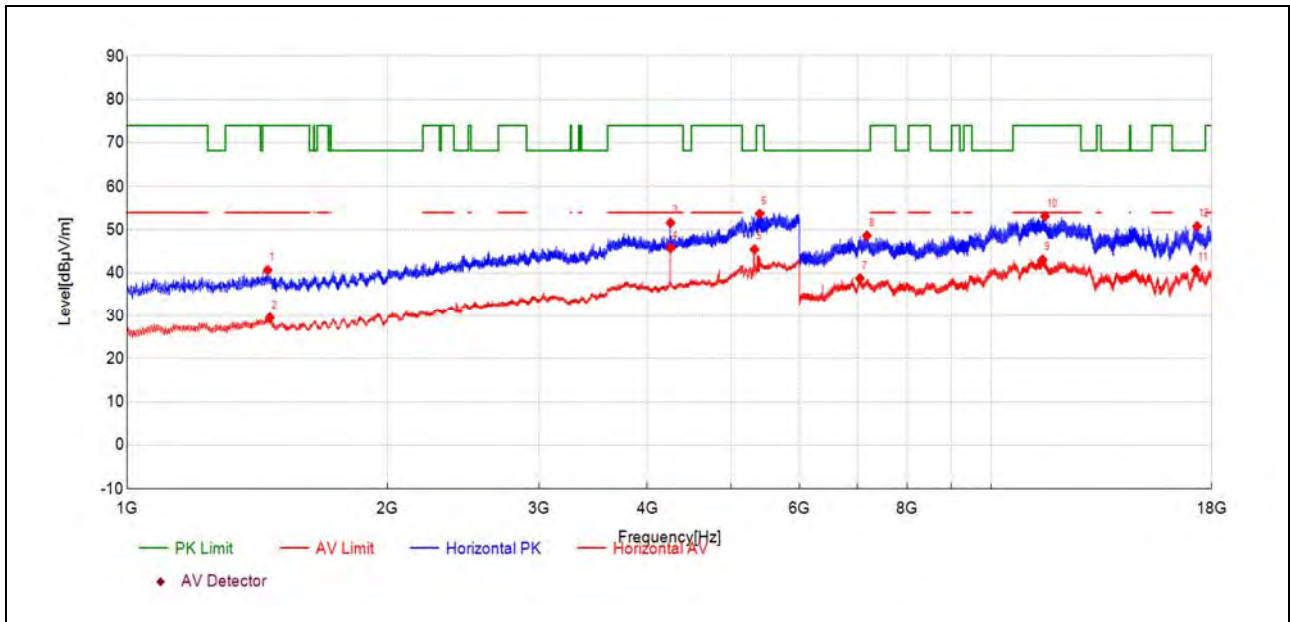
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1319.03	29.1	28.23	-0.910	54.00	25.77	150	268	AV	PASS
1327.03	40.2	39.35	-0.870	74.00	34.65	150	308	PK	PASS
3028.20	26.9	35.08	8.220	-	-	150	315	AV	NA
3029.20	38.1	46.30	8.220	68.23	21.93	150	355	PK	PASS
5606.96	24.8	42.96	18.140	-	-	150	254	AV	NA
5620.46	35.8	53.88	18.100	68.23	14.35	150	240	PK	PASS
7197.05	43.7	48.73	5.010	68.23	19.50	150	120	PK	PASS
7202.55	34.0	38.97	5.000	-	-	150	348	AV	NA
11126.21	29.9	43.59	13.690	54.00	10.41	150	213	AV	PASS
11350.22	39.4	53.02	13.610	74.00	20.98	150	266	PK	PASS
17265.47	27.5	40.74	13.220	-	-	150	360	AV	NA
17358.97	37.0	50.59	13.550	68.23	17.64	150	203	PK	PASS

Plot for Channel 64



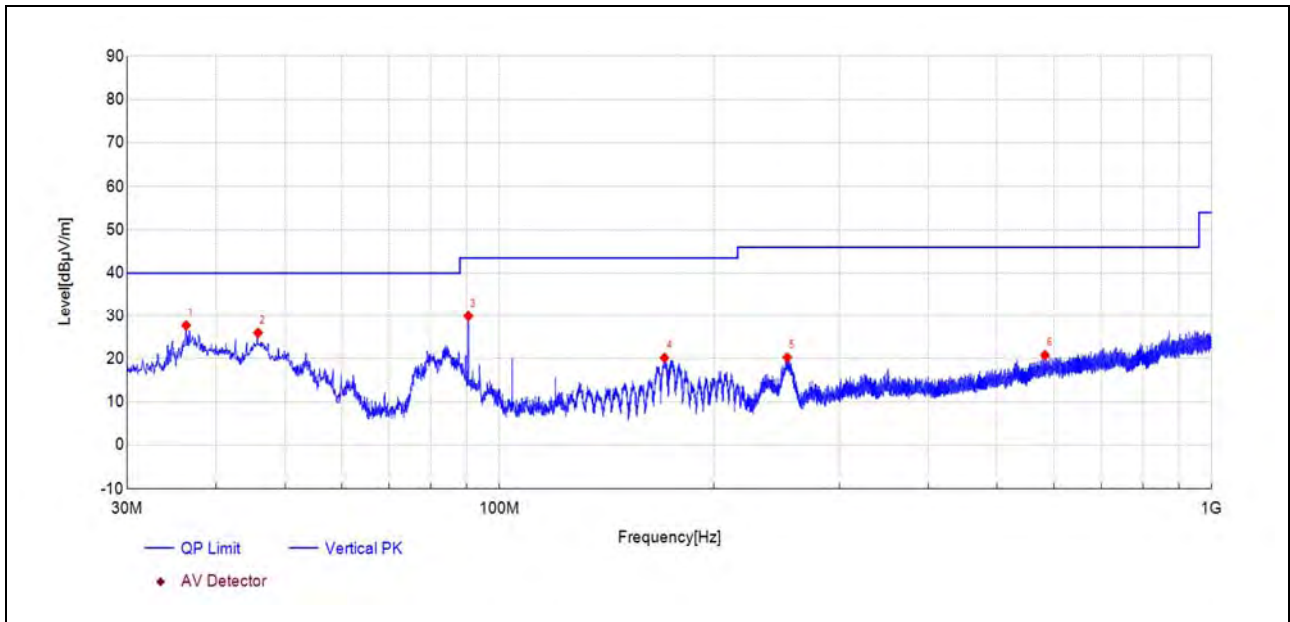
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
36.31	54.2	24.74	-29.500	40.00	15.26	150	244	PK	PASS
90.53	56.7	25.20	-31.450	43.50	18.30	150	0	PK	PASS
104.26	56.4	26.82	-29.540	43.50	16.68	150	298	PK	PASS
170.56	58.7	27.52	-31.160	43.50	15.98	150	0	PK	PASS
254.03	48.2	20.89	-27.260	46.00	25.11	150	157	PK	PASS
634.10	38.7	21.62	-17.060	46.00	24.38	150	351	PK	PASS



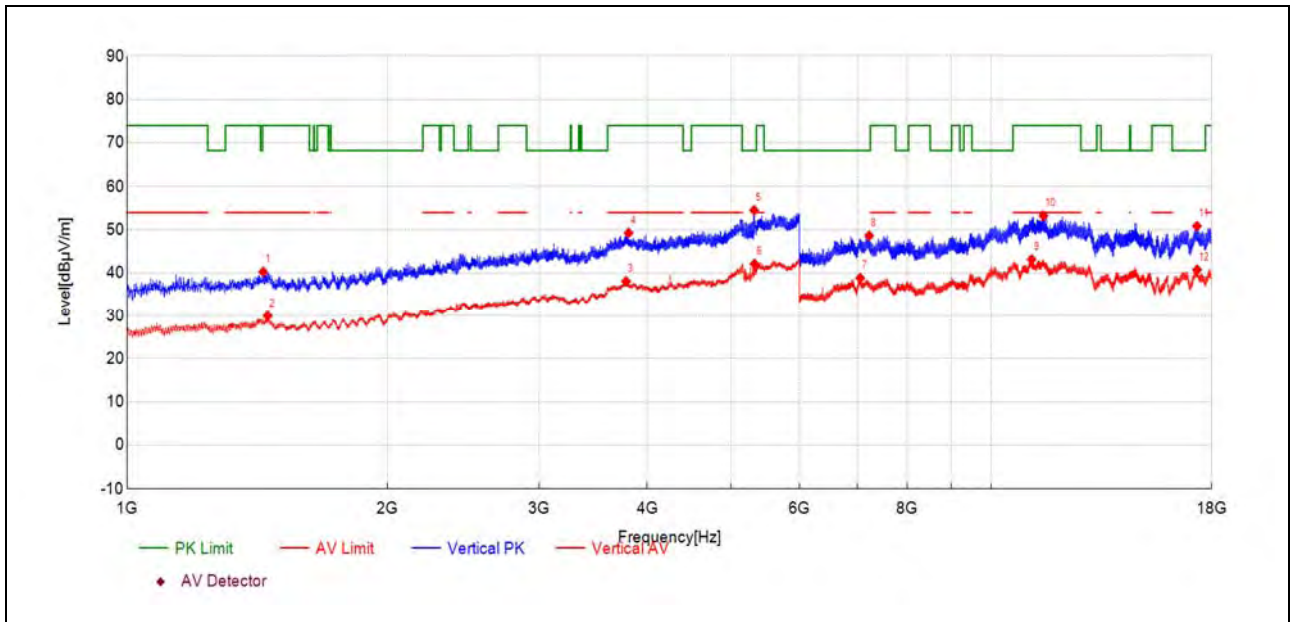
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1454.55	40.5	40.67	0.220	74.00	33.33	150	52	PK	PASS
1463.55	29.4	29.53	0.090	54.00	24.47	150	336	AV	PASS
4255.83	39.4	51.63	12.200	74.00	22.37	150	295	PK	PASS
4256.33	33.6	45.80	12.190	54.00	8.20	150	132	AV	PASS
5323.43	28.4	45.49	17.080	-	-	150	126	AV	NA
5395.94	35.6	53.69	18.130	74.00	20.31	150	200	PK	PASS
7048.54	34.6	38.75	4.170	-	-	150	205	AV	NA
7181.55	43.8	48.65	4.820	68.23	19.58	150	26	PK	PASS
11468.23	28.9	43.10	14.250	54.00	10.90	150	360	AV	PASS
11545.73	39.0	53.16	14.190	74.00	20.84	150	26	PK	PASS
17256.97	27.5	40.75	13.260	-	-	150	358	AV	NA
17311.47	37.6	50.82	13.190	68.23	17.41	150	122	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
36.31	57.2	27.67	-29.500	40.00	12.33	150	340	PK	PASS
45.81	54.3	25.95	-28.390	40.00	14.05	150	110	PK	PASS
90.43	61.3	29.86	-31.480	43.50	13.64	150	357	PK	PASS
170.51	51.3	20.17	-31.160	43.50	23.33	150	9	PK	PASS
253.55	47.5	20.23	-27.290	46.00	25.77	150	278	PK	PASS
583.36	38.4	20.80	-17.620	46.00	25.20	150	252	PK	PASS

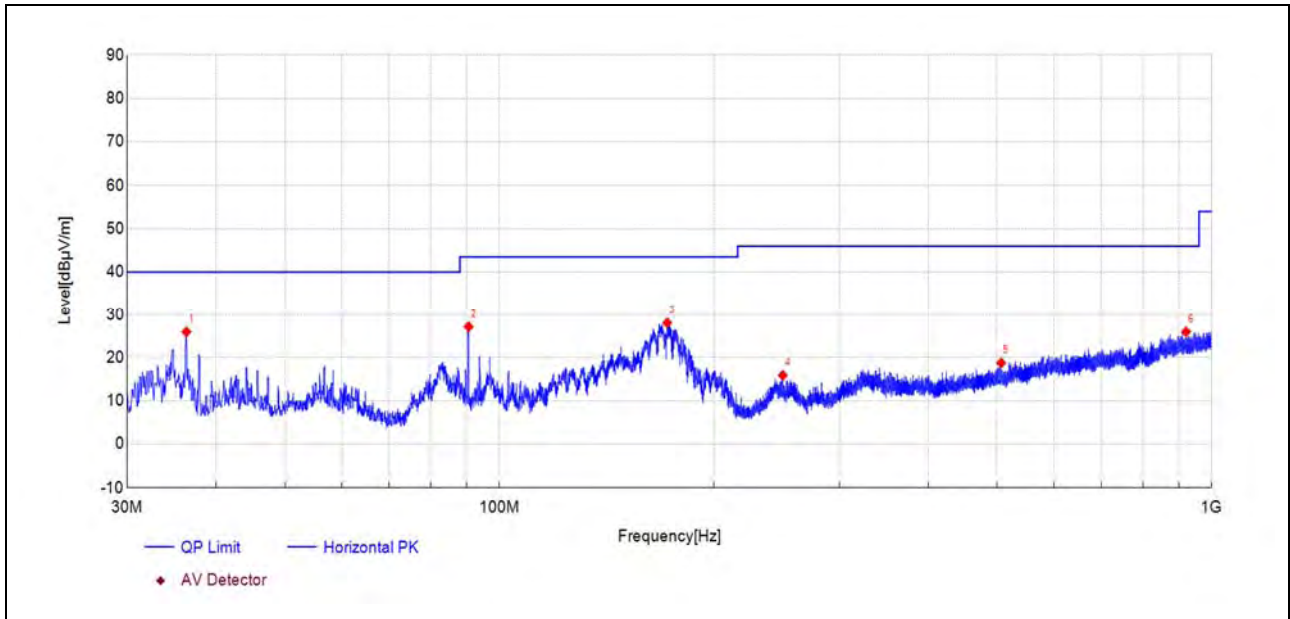


(Antenna Vertical, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1437.54	40.1	40.28	0.190	74.00	33.72	150	30	PK	PASS
1454.55	29.7	29.92	0.220	54.00	24.08	150	111	AV	PASS
3780.28	26.9	38.09	11.170	54.00	15.91	150	138	AV	PASS
3806.28	38.0	49.30	11.320	74.00	24.70	150	165	PK	PASS
5316.93	37.5	54.54	17.010	68.23	13.69	150	206	PK	PASS
5322.93	25.0	42.12	17.080	-	-	150	287	AV	NA
7054.54	34.7	38.83	4.180	-	-	150	129	AV	NA
7225.55	44.0	48.65	4.620	68.23	19.58	150	307	PK	PASS
11140.21	29.5	43.18	13.730	54.00	10.82	150	5	AV	PASS
11494.73	39.0	53.26	14.300	74.00	20.74	150	140	PK	PASS
17306.97	37.7	50.88	13.160	68.23	17.35	150	348	PK	PASS
17312.97	27.6	40.80	13.200	-	-	150	234	AV	NA

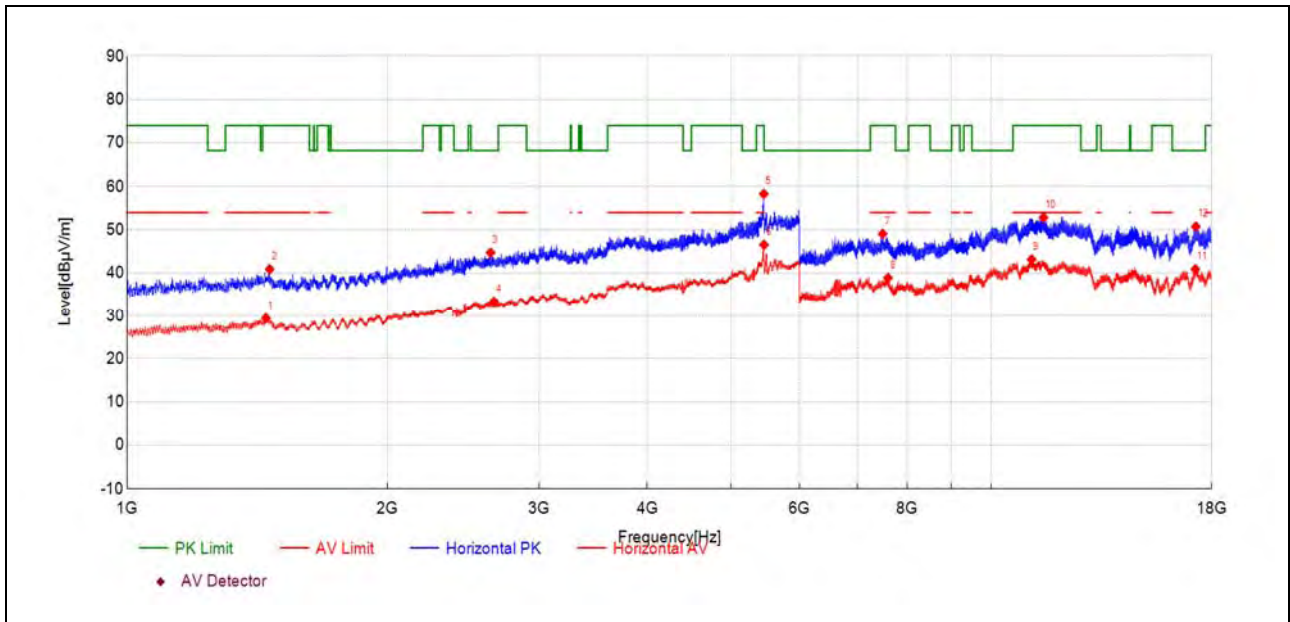


Plot for Channel 100



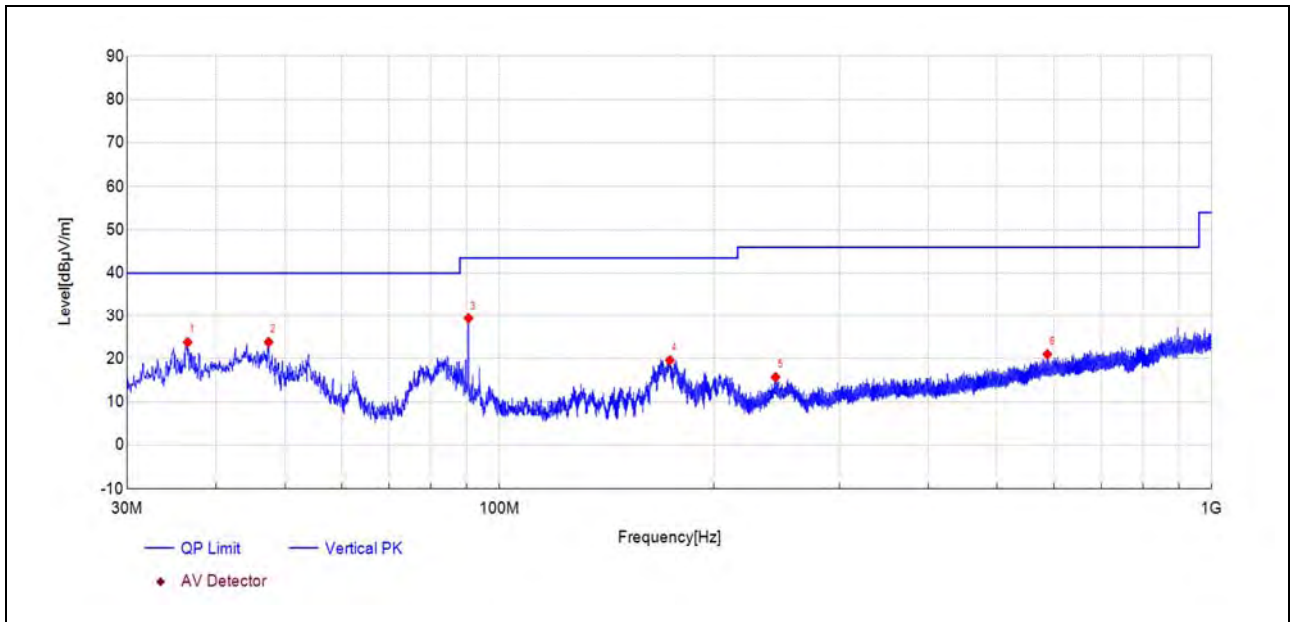
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
36.35	55.4	25.94	-29.480	40.00	14.06	150	100	PK	PASS
90.53	58.6	27.13	-31.450	43.50	16.37	150	271	PK	PASS
172.02	58.6	28.04	-30.560	43.50	15.46	150	1	PK	PASS
249.91	43.4	15.90	-27.490	46.00	30.10	150	168	PK	PASS
506.29	39.2	18.76	-20.420	46.00	27.24	150	161	PK	PASS
920.36	37.5	25.97	-11.520	46.00	20.03	150	284	PK	PASS



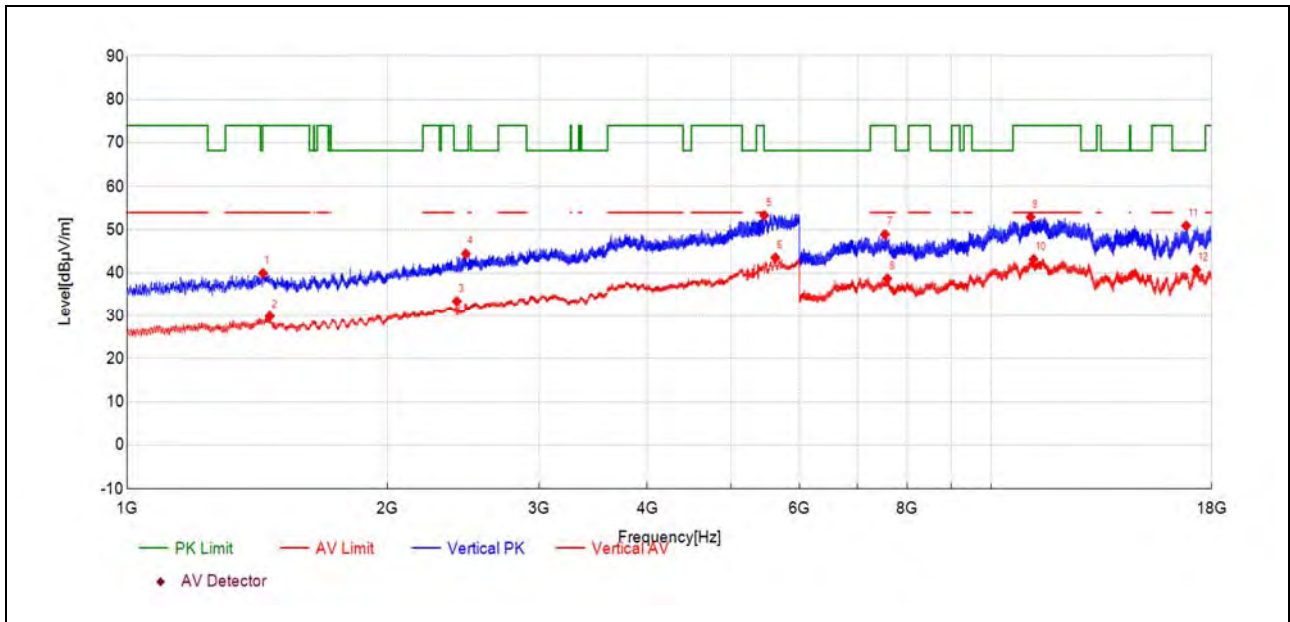
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1448.04	29.2	29.41	0.260	54.00	24.59	150	267	AV	PASS
1462.55	40.8	40.88	0.100	74.00	33.12	150	152	PK	PASS
2634.16	38.3	44.70	6.360	68.23	23.53	150	30	PK	PASS
2659.17	26.9	33.34	6.410	-	-	150	355	AV	NA
5456.95	41.1	58.29	17.170	74.00	15.71	150	110	PK	PASS
5459.95	29.4	46.54	17.180	54.00	7.46	150	253	AV	PASS
7489.56	44.4	49.09	4.710	74.00	24.91	150	287	PK	PASS
7598.07	34.0	38.88	4.900	54.00	15.12	150	150	AV	PASS
11139.21	29.4	43.17	13.730	54.00	10.83	150	244	AV	PASS
11498.73	38.6	52.86	14.310	74.00	21.14	150	160	PK	PASS
17233.47	27.5	40.88	13.340	-	-	150	67	AV	NA
17257.97	37.5	50.75	13.260	68.23	17.48	150	203	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
36.50	53.2	23.77	-29.430	40.00	16.23	150	358	PK	PASS
47.41	52.2	23.79	-28.420	40.00	16.21	150	29	PK	PASS
90.48	60.8	29.36	-31.470	43.50	14.14	150	109	PK	PASS
173.47	50.4	19.62	-30.740	43.50	23.88	150	9	PK	PASS
244.19	43.2	15.69	-27.510	46.00	30.31	150	22	PK	PASS
587.78	38.4	20.99	-17.380	46.00	25.01	150	102	PK	PASS

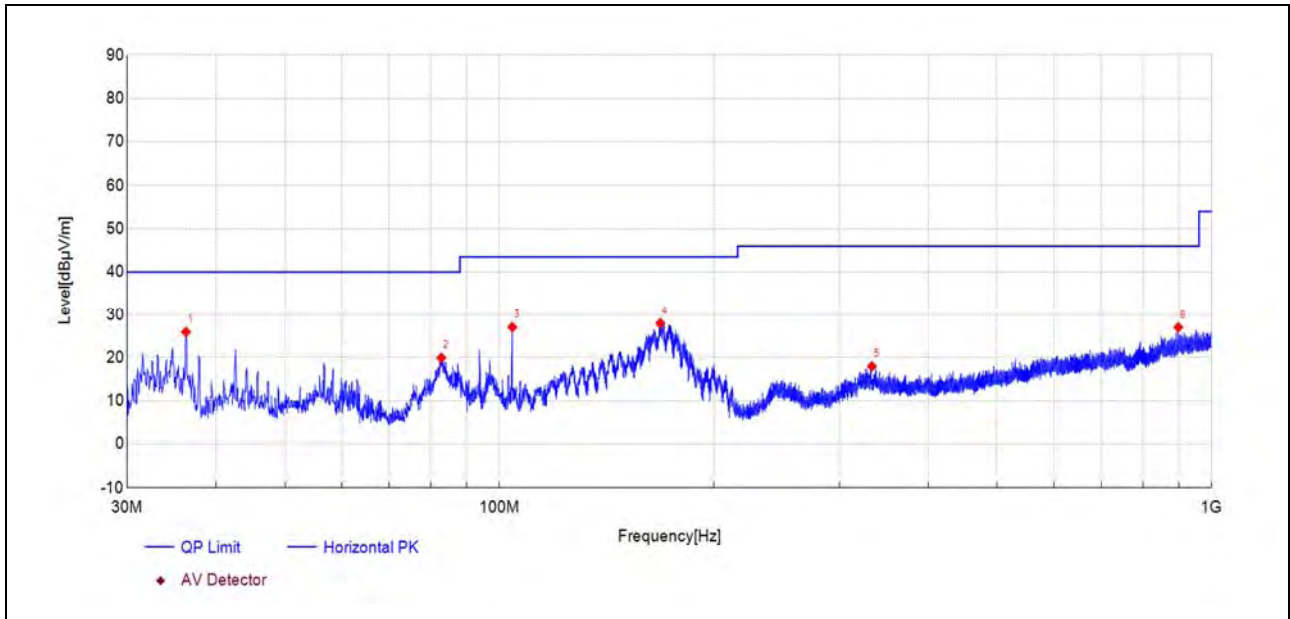


(Antenna Vertical, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1436.54	39.8	39.95	0.170	74.00	34.05	150	225	PK	PASS
1462.55	29.7	29.83	0.100	54.00	24.17	150	253	AV	PASS
2408.14	27.9	33.44	5.570	-	-	150	3	AV	NA
2466.65	38.2	44.48	6.250	68.23	23.75	150	205	PK	PASS
5463.45	36.2	53.36	17.200	68.23	14.87	150	34	PK	PASS
5625.96	25.5	43.57	18.120	-	-	150	131	AV	NA
7535.56	44.5	48.96	4.500	74.00	25.04	150	255	PK	PASS
7582.57	34.0	38.73	4.740	54.00	15.27	150	183	AV	PASS
11109.71	39.3	52.98	13.650	74.00	21.02	150	245	PK	PASS
11196.22	29.3	43.18	13.880	54.00	10.82	150	360	AV	PASS
16812.45	36.5	50.95	14.490	68.23	17.28	150	338	PK	PASS
17277.47	27.6	40.79	13.190	-	-	150	235	AV	NA

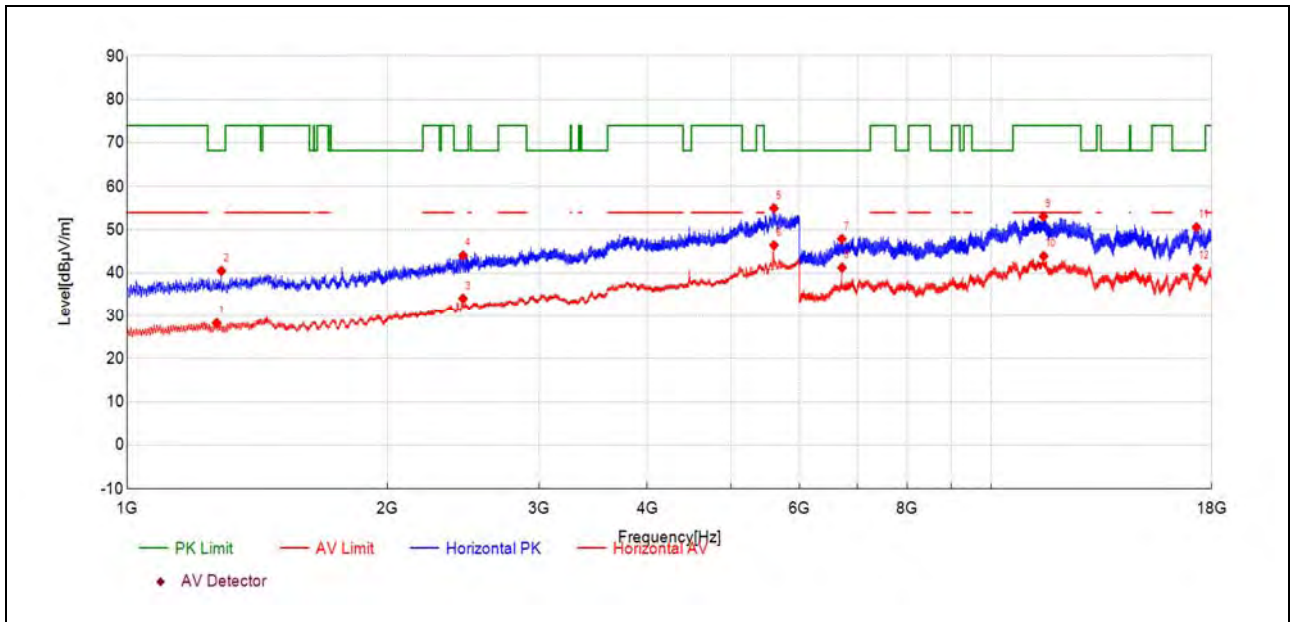


Plot for Channel 120



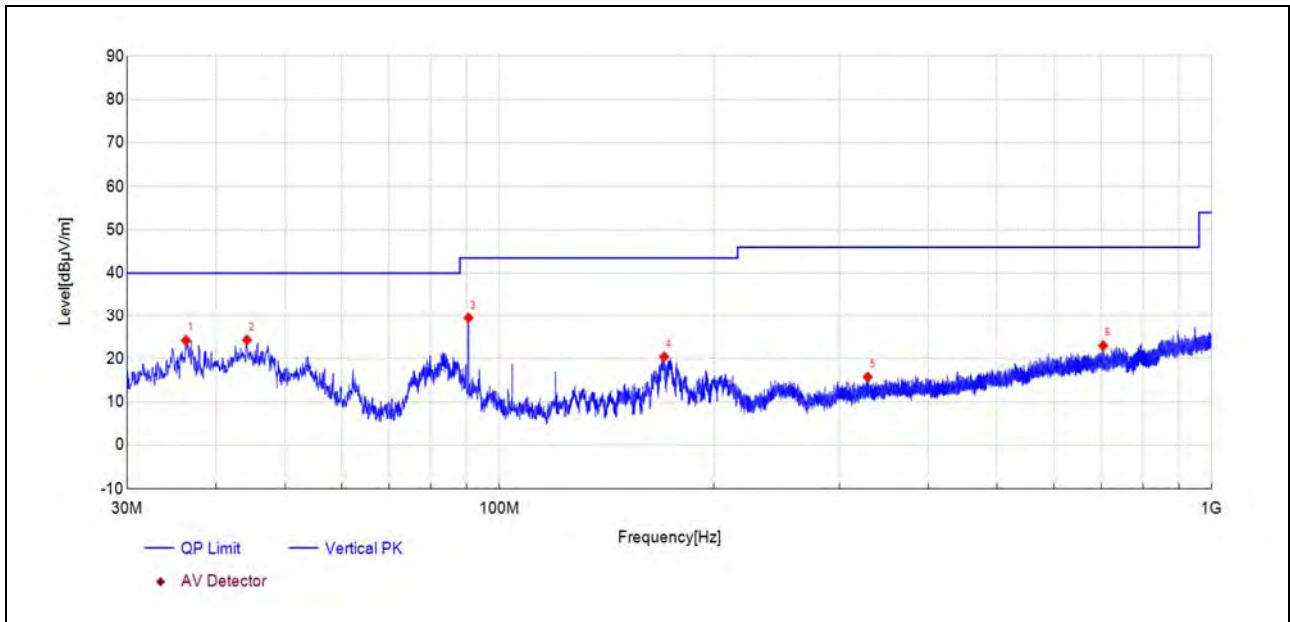
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
36.31	55.4	25.93	-29.500	40.00	14.07	150	142	PK	PASS
82.87	51.6	19.93	-31.700	40.00	20.07	150	310	PK	PASS
104.26	56.6	27.05	-29.540	43.50	16.45	150	256	PK	PASS
168.23	59.0	27.95	-31.020	43.50	15.55	150	15	PK	PASS
333.38	42.5	17.98	-24.540	46.00	28.02	150	331	PK	PASS
897.56	38.9	27.00	-11.930	46.00	19.00	150	135	PK	PASS



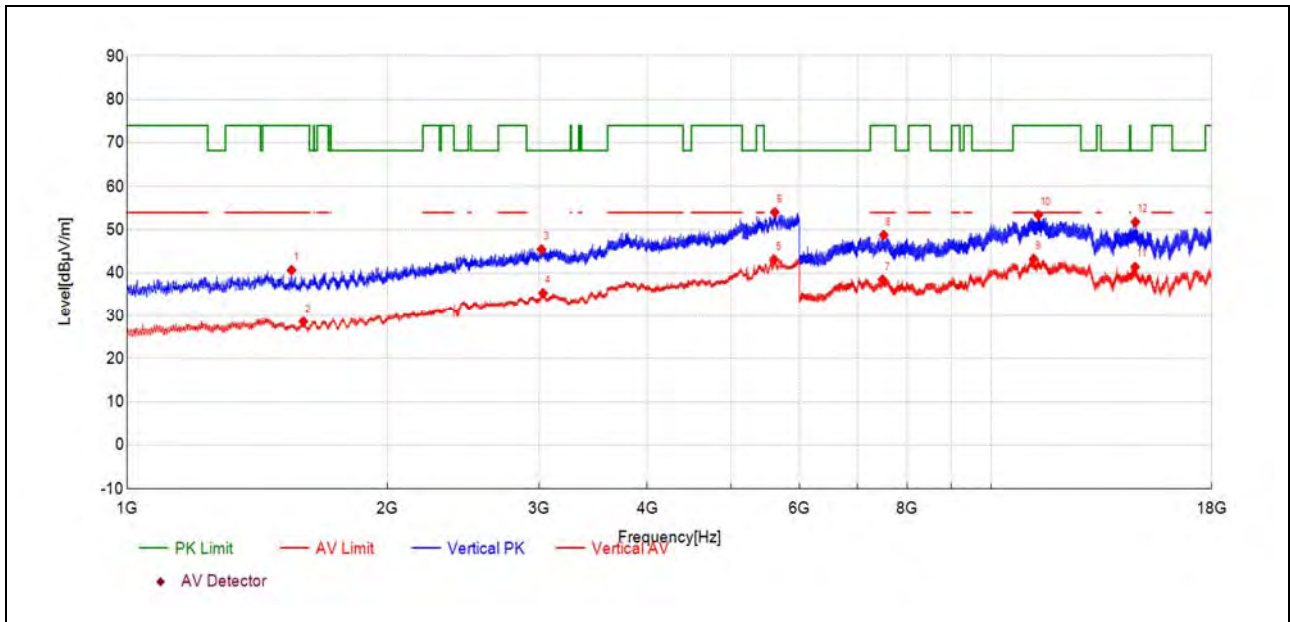
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1270.03	29.4	28.25	-1.170	-	-	150	11	AV	NA
1286.03	41.5	40.48	-1.040	68.23	27.75	150	234	PK	PASS
2448.14	27.8	34.07	6.240	-	-	150	72	AV	NA
2448.64	37.8	44.08	6.250	68.23	24.15	150	342	PK	PASS
5605.96	36.9	55.00	18.140	68.23	13.23	150	355	PK	PASS
5606.46	28.3	46.43	18.130	-	-	150	261	AV	NA
6717.03	44.8	47.90	3.150	68.23	20.33	150	255	PK	PASS
6720.53	38.1	41.26	3.180	-	-	150	119	AV	NA
11490.73	38.8	53.10	14.290	74.00	20.90	150	358	PK	PASS
11503.73	29.6	43.93	14.310	54.00	10.07	150	119	AV	PASS
17284.47	37.4	50.58	13.160	68.23	17.65	150	308	PK	PASS
17316.97	27.8	41.05	13.230	-	-	150	235	AV	NA



(Antenna Vertical, 30MHz to 1GHz)

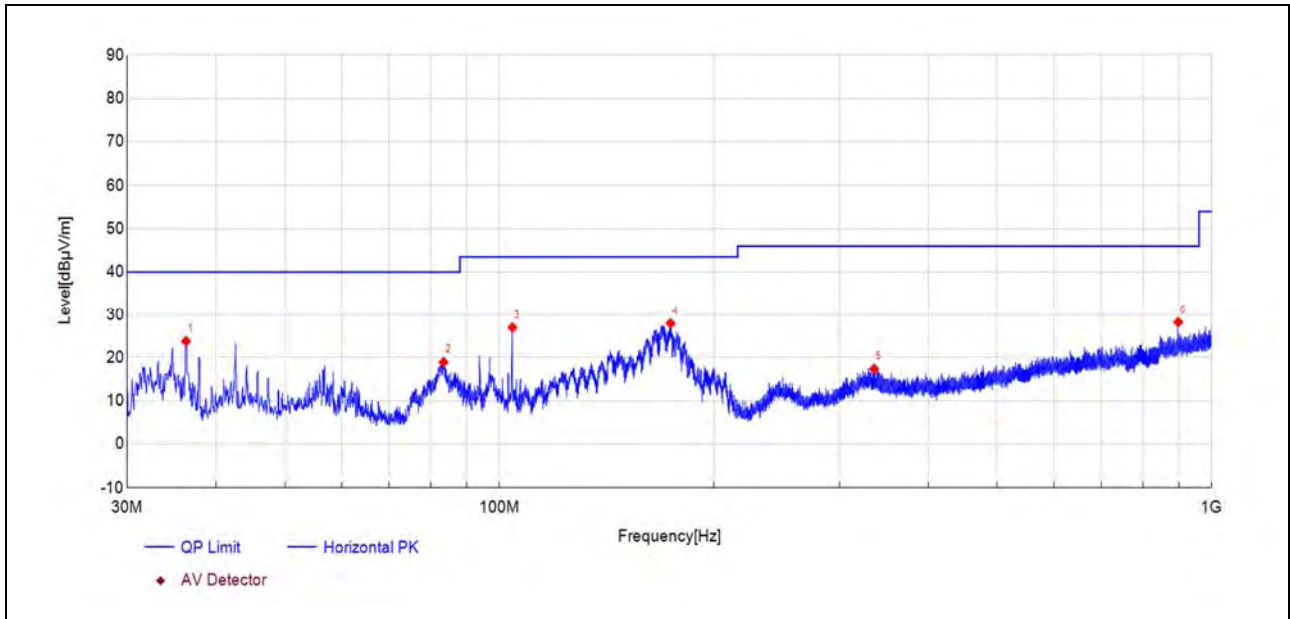
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
36.31	53.7	24.19	-29.500	40.00	15.81	150	356	PK	PASS
44.21	52.2	24.30	-27.870	40.00	15.70	150	9	PK	PASS
90.48	60.9	29.44	-31.470	43.50	14.06	150	64	PK	PASS
170.32	51.6	20.41	-31.160	43.50	23.09	150	9	PK	PASS
328.87	40.1	15.74	-24.320	46.00	30.26	150	197	PK	PASS
703.99	38.6	23.00	-15.610	46.00	23.00	150	356	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

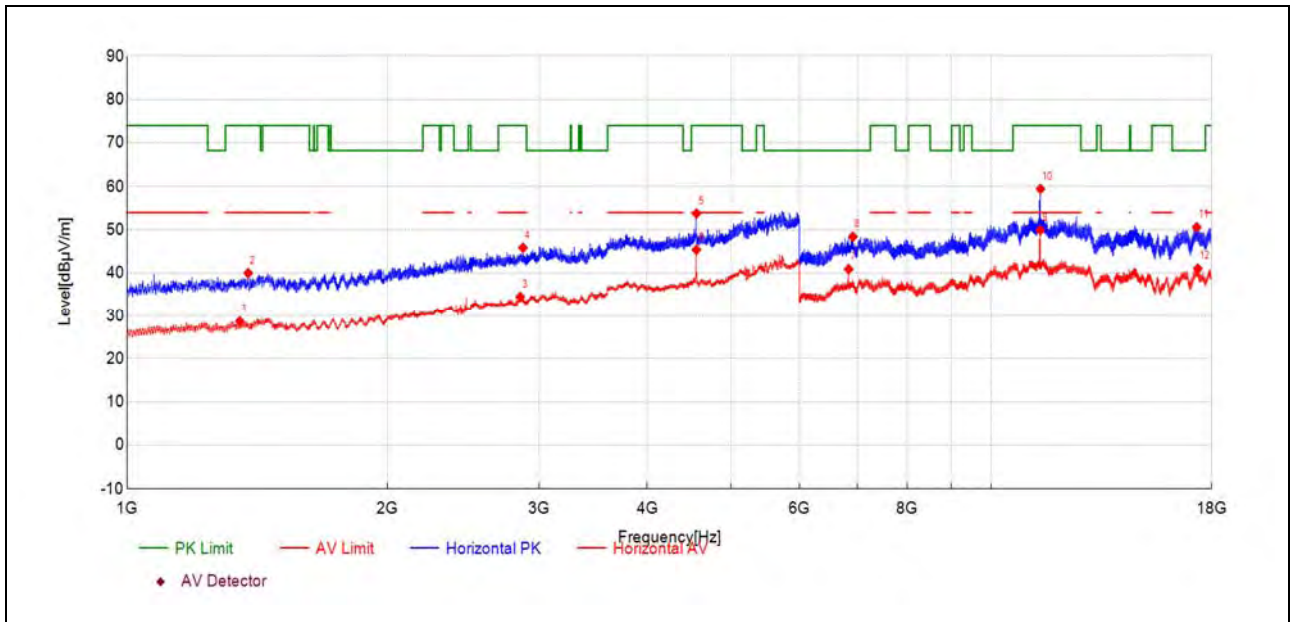
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1550.56	41.5	40.67	-0.860	74.00	33.33	150	254	PK	PASS
1600.06	29.0	28.59	-0.380	54.00	25.41	150	194	AV	PASS
3017.20	37.2	45.49	8.250	68.23	22.74	150	127	PK	PASS
3030.20	27.1	35.34	8.270	-	-	150	86	AV	NA
5606.46	25.0	43.16	18.130	-	-	150	160	AV	NA
5617.96	35.9	54.07	18.130	68.23	14.16	150	32	PK	PASS
7488.06	33.8	38.49	4.690	54.00	15.51	150	160	AV	PASS
7512.06	44.1	48.79	4.680	74.00	25.21	150	25	PK	PASS
11199.22	29.4	43.27	13.890	54.00	10.73	150	182	AV	PASS
11340.22	39.9	53.44	13.500	74.00	20.56	150	78	PK	PASS
14677.86	26.0	41.42	15.430	-	-	150	253	AV	NA
14688.86	36.4	51.82	15.410	68.23	16.41	150	78	PK	PASS

Plot for Channel 140



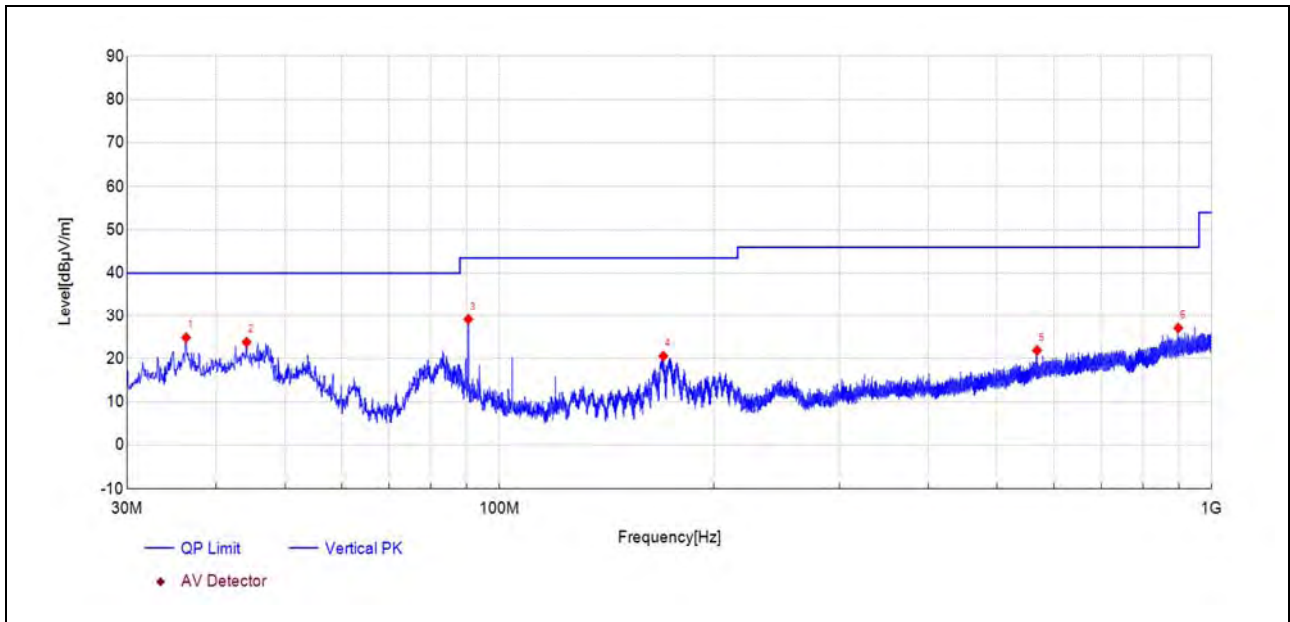
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
36.31	53.3	23.75	-29.500	40.00	16.25	150	102	PK	PASS
83.45	50.7	18.93	-31.800	40.00	21.07	150	291	PK	PASS
104.31	56.5	26.95	-29.520	43.50	16.55	150	311	PK	PASS
173.86	58.5	27.92	-30.590	43.50	15.58	150	0	PK	PASS
335.76	42.0	17.38	-24.620	46.00	28.62	150	338	PK	PASS
897.56	40.1	28.20	-11.930	46.00	17.80	150	28	PK	PASS



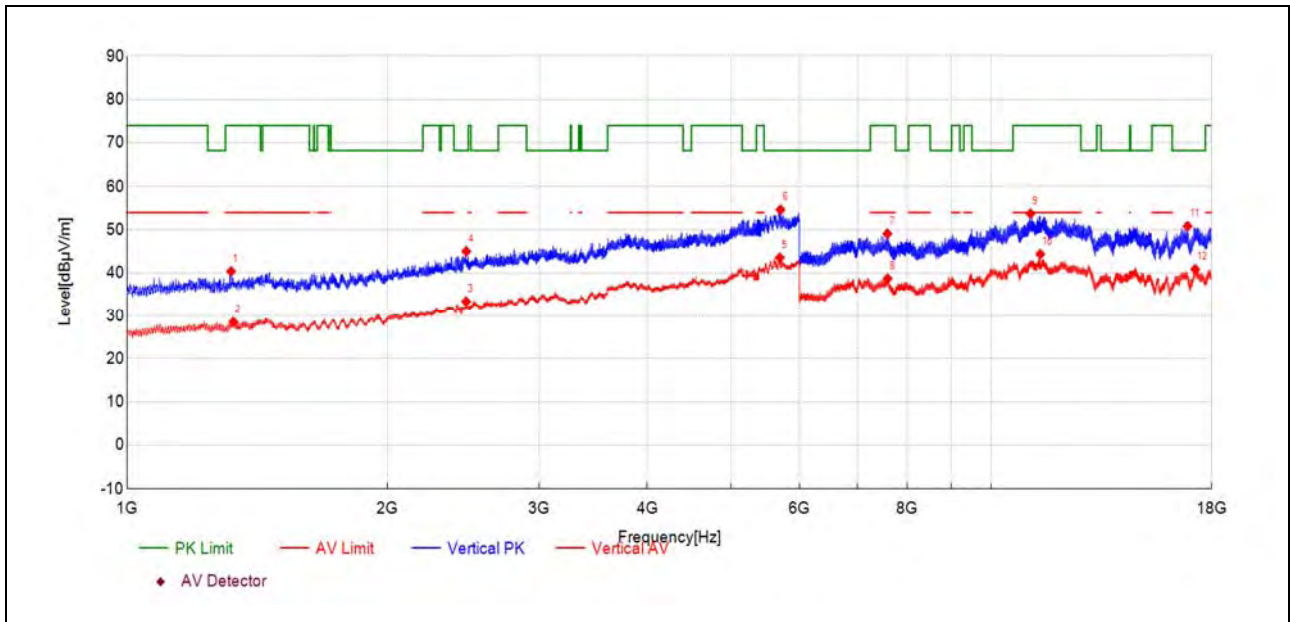
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1350.54	29.4	28.64	-0.720	54.00	25.36	150	206	AV	PASS
1381.04	40.3	39.98	-0.350	74.00	34.02	150	159	PK	PASS
2851.69	26.8	34.46	7.650	54.00	19.54	150	16	AV	PASS
2872.69	38.2	45.86	7.650	74.00	28.14	150	179	PK	PASS
4560.36	40.8	53.79	12.980	74.00	20.21	150	125	PK	PASS
4560.36	32.4	45.39	12.980	54.00	8.61	150	132	AV	PASS
6840.54	36.9	40.90	3.970	-	-	150	98	AV	NA
6918.04	44.8	48.40	3.640	68.23	19.83	150	192	PK	PASS
11400.23	35.8	49.92	14.130	54.00	4.08	150	255	AV	PASS
11406.23	45.3	59.47	14.140	74.00	14.53	150	266	PK	PASS
17294.97	37.5	50.59	13.120	68.23	17.64	150	98	PK	PASS
17346.47	27.6	41.01	13.460	-	-	150	329	AV	NA



(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
36.31	54.3	24.83	-29.500	40.00	15.17	150	171	PK	PASS
44.16	51.6	23.78	-27.860	40.00	16.22	150	315	PK	PASS
90.43	60.6	29.12	-31.480	43.50	14.38	150	22	PK	PASS
169.88	51.8	20.59	-31.210	43.50	22.91	150	9	PK	PASS
568.57	40.2	21.88	-18.310	46.00	24.12	150	69	PK	PASS
897.51	39.0	27.08	-11.940	46.00	18.92	150	42	PK	PASS

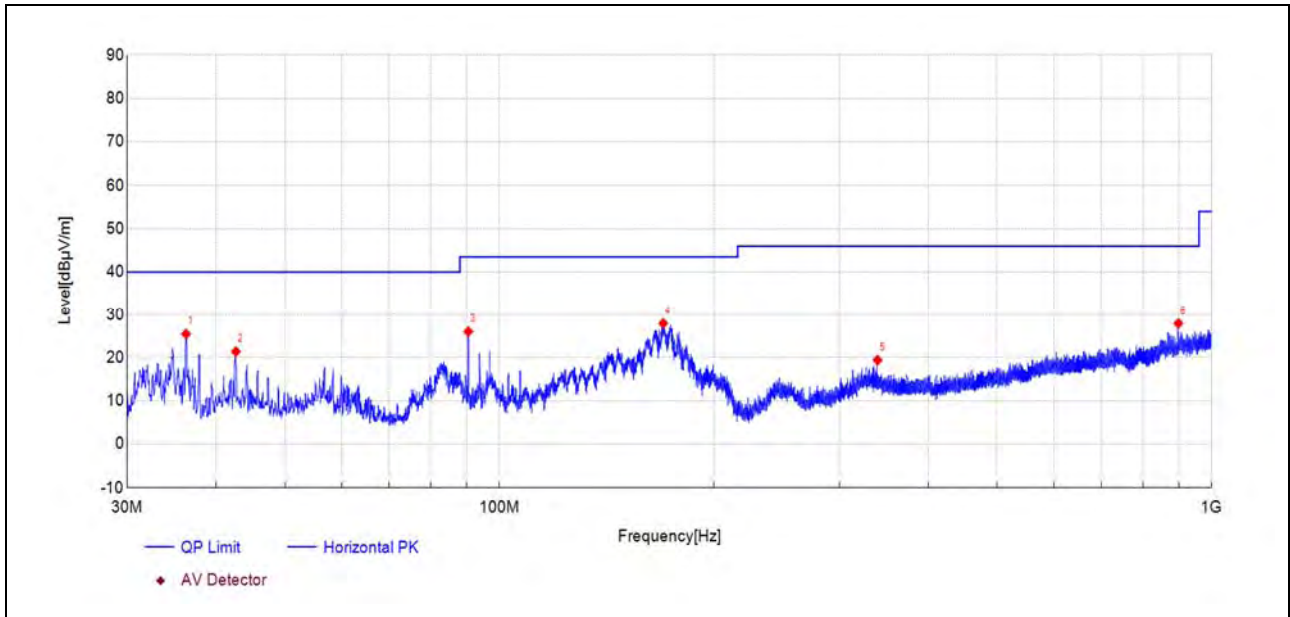


(Antenna Vertical, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1319.53	41.2	40.39	-0.840	74.00	33.61	150	241	PK	PASS
1327.53	29.3	28.52	-0.810	54.00	25.48	150	355	AV	PASS
2468.65	27.1	33.37	6.260	-	-	150	45	AV	NA
2469.65	38.8	45.04	6.250	68.23	23.19	150	72	PK	PASS
5693.47	25.1	43.56	18.500	-	-	150	234	AV	NA
5703.97	36.1	54.65	18.560	68.23	13.58	150	92	PK	PASS
7584.57	44.4	49.12	4.770	74.00	24.88	150	181	PK	PASS
7589.07	33.9	38.71	4.810	54.00	15.29	150	243	AV	PASS
11105.21	40.1	53.76	13.630	74.00	20.24	150	328	PK	PASS
11399.22	30.3	44.39	14.130	54.00	9.61	150	119	AV	PASS
16879.45	35.8	50.86	15.110	68.23	17.37	150	119	PK	PASS
17222.47	27.5	40.88	13.390	-	-	150	357	AV	NA

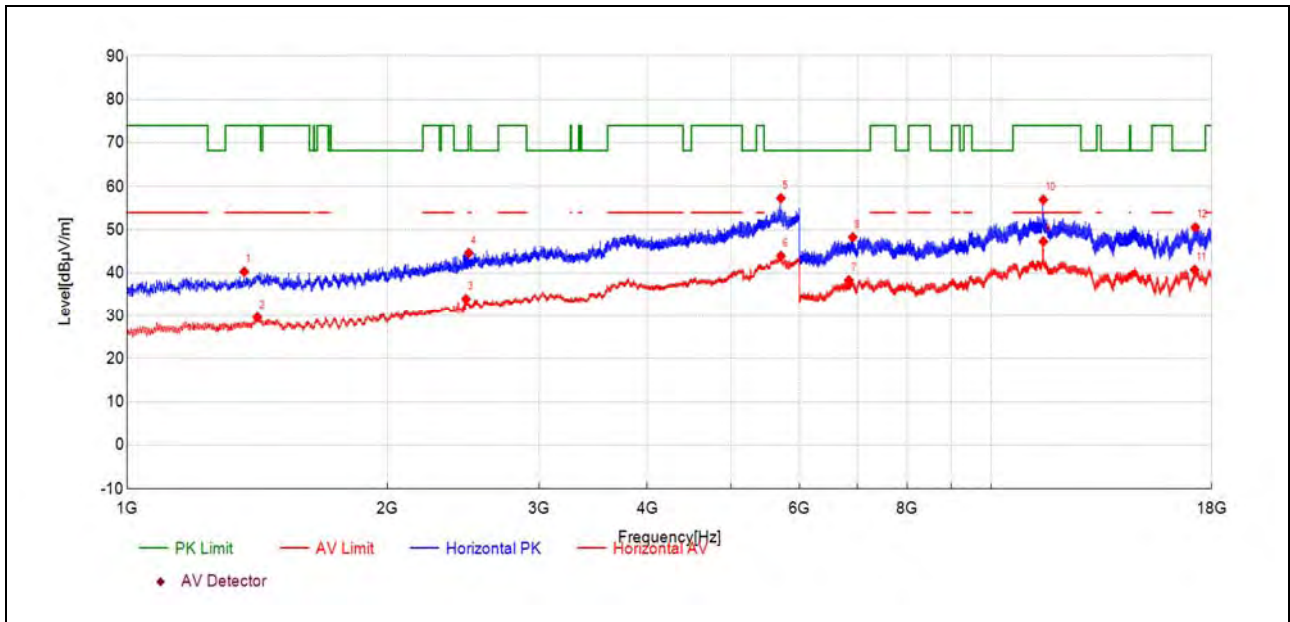


Plot for Channel 149



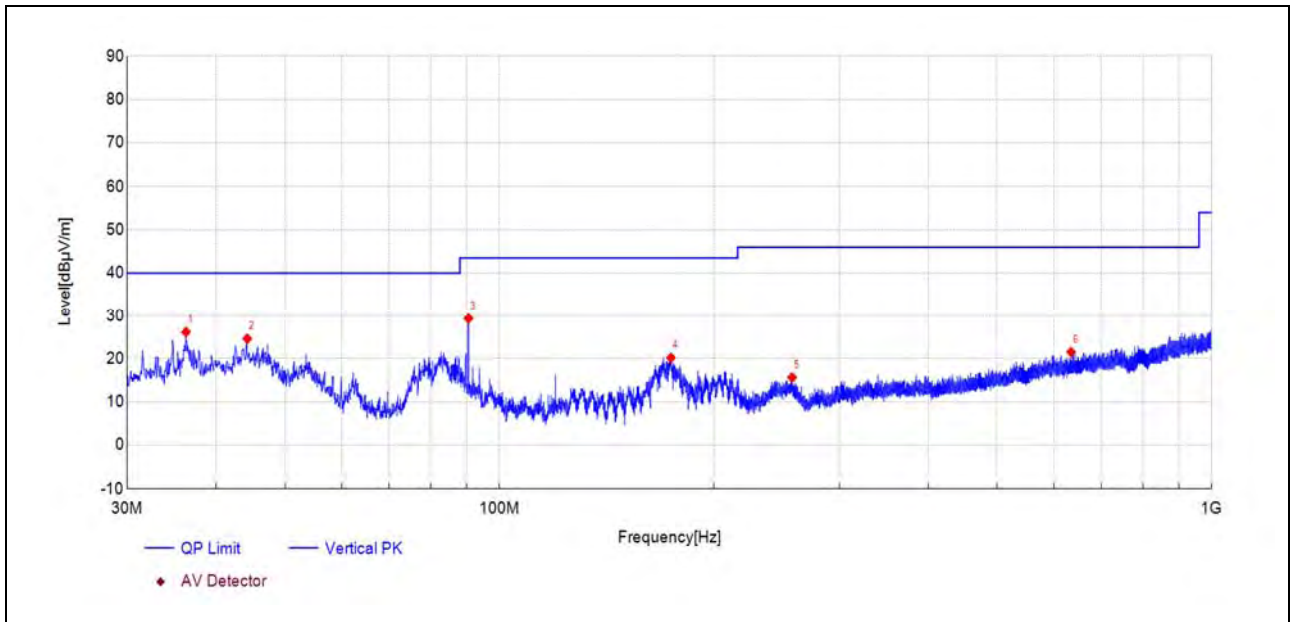
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
36.31	55.0	25.45	-29.500	40.00	14.55	150	175	PK	PASS
42.66	49.6	21.36	-28.240	40.00	18.64	150	15	PK	PASS
90.43	57.5	26.02	-31.480	43.50	17.48	150	256	PK	PASS
169.78	59.1	27.91	-31.230	43.50	15.59	150	0	PK	PASS
339.54	43.7	19.40	-24.300	46.00	26.60	150	338	PK	PASS
897.66	39.8	27.90	-11.920	46.00	18.10	150	168	PK	PASS



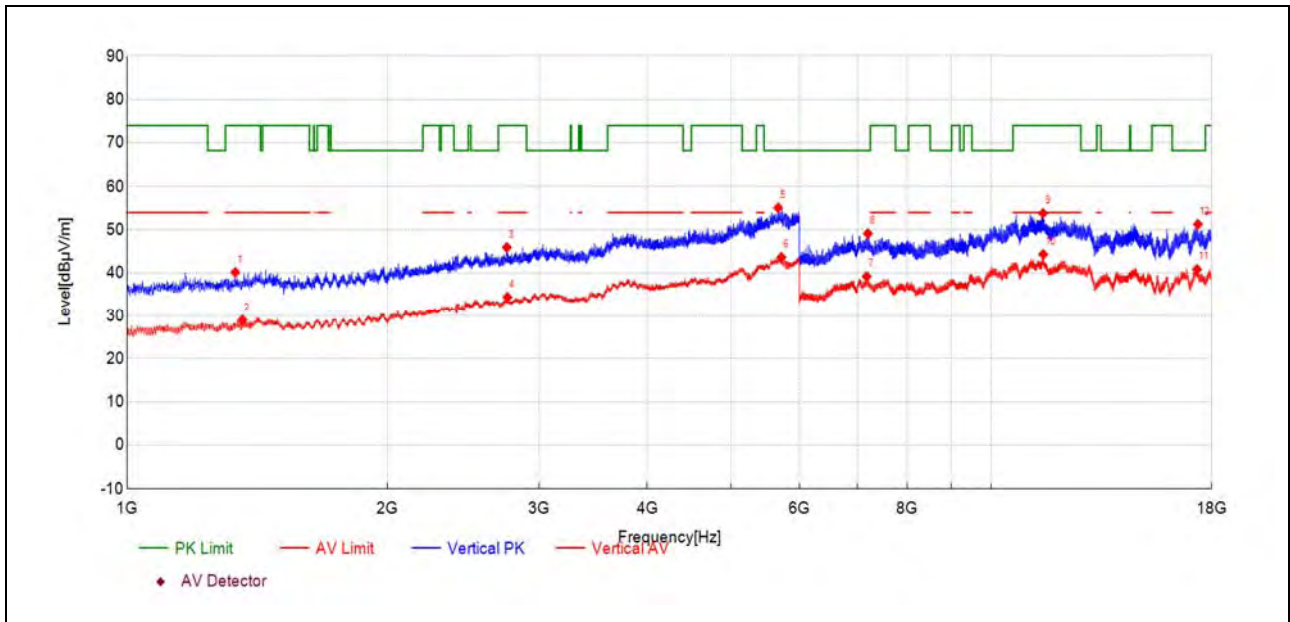
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1366.54	40.7	40.31	-0.410	74.00	33.69	150	322	PK	PASS
1415.04	29.4	29.60	0.160	54.00	24.40	150	261	AV	PASS
2468.15	27.4	33.94	6.560	-	-	150	200	AV	NA
2486.15	38.1	44.65	6.600	74.00	29.35	150	221	PK	PASS
5710.47	37.9	57.33	19.470	68.23	10.90	150	247	PK	PASS
5710.97	24.5	43.95	19.470	-	-	150	247	AV	NA
6846.04	34.3	38.34	4.030	-	-	150	266	AV	NA
6916.04	44.6	48.27	3.670	68.23	19.96	150	5	PK	PASS
11491.73	33.0	47.30	14.290	54.00	6.70	150	120	AV	PASS
11491.73	42.7	56.96	14.290	74.00	17.04	150	255	PK	PASS
17196.97	27.3	40.77	13.450	-	-	150	172	AV	NA
17233.97	37.2	50.56	13.340	68.23	17.67	150	235	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
36.31	55.7	26.17	-29.500	40.00	13.83	150	23	PK	PASS
44.26	52.5	24.61	-27.890	40.00	15.39	150	30	PK	PASS
90.48	60.8	29.35	-31.470	43.50	14.15	150	146	PK	PASS
174.10	50.8	20.18	-30.590	43.50	23.32	150	9	PK	PASS
257.57	43.3	15.63	-27.620	46.00	30.37	150	294	PK	PASS
634.78	38.5	21.51	-17.000	46.00	24.49	150	51	PK	PASS

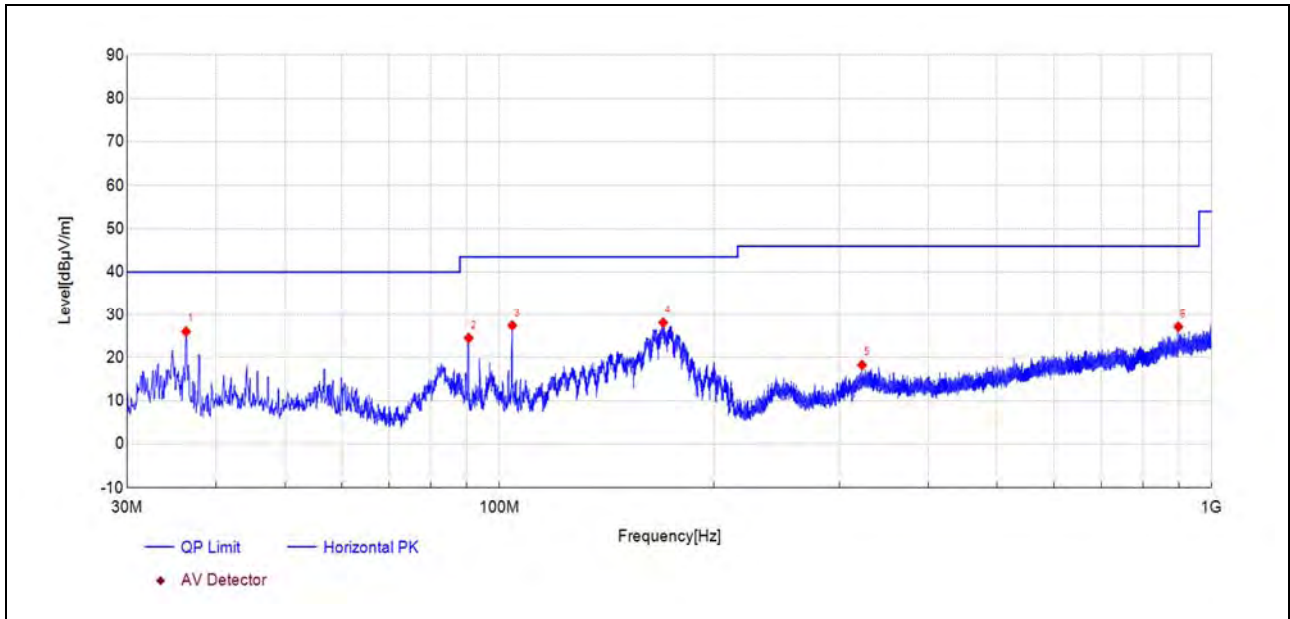


(Antenna Vertical, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1334.53	40.9	40.19	-0.710	74.00	33.81	150	355	PK	PASS
1360.04	29.5	29.00	-0.500	54.00	25.00	150	106	AV	PASS
2751.68	38.8	45.93	7.120	74.00	28.07	150	59	PK	PASS
2756.18	27.3	34.38	7.120	54.00	19.62	150	0	AV	PASS
5669.47	36.1	55.11	19.060	68.23	13.12	150	355	PK	PASS
5718.47	24.2	43.66	19.450	-	-	150	6	AV	NA
7176.55	34.4	39.21	4.770	-	-	150	89	AV	NA
7201.55	44.2	49.16	5.010	68.23	19.07	150	26	PK	PASS
11483.73	39.5	53.82	14.280	74.00	20.18	150	36	PK	PASS
11491.23	30.0	44.33	14.290	54.00	9.67	150	119	AV	PASS
17306.97	27.7	40.85	13.160	-	-	150	119	AV	NA
17346.97	37.8	51.28	13.470	68.23	16.95	150	337	PK	PASS

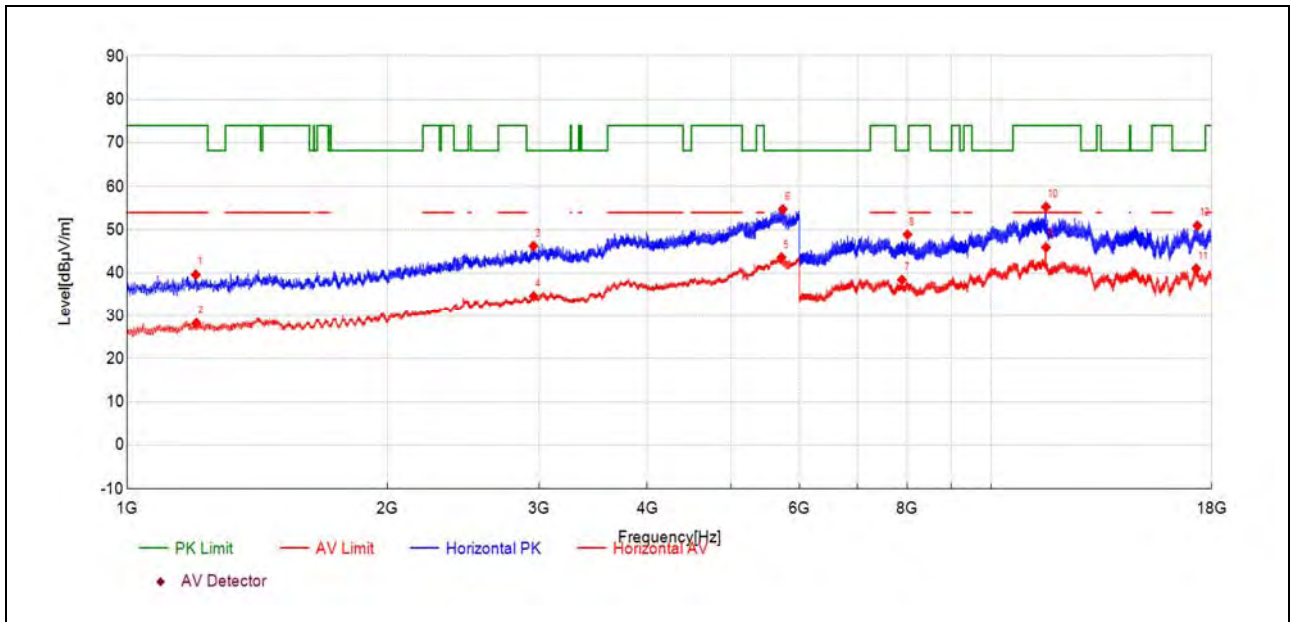


Plot for Channel 157



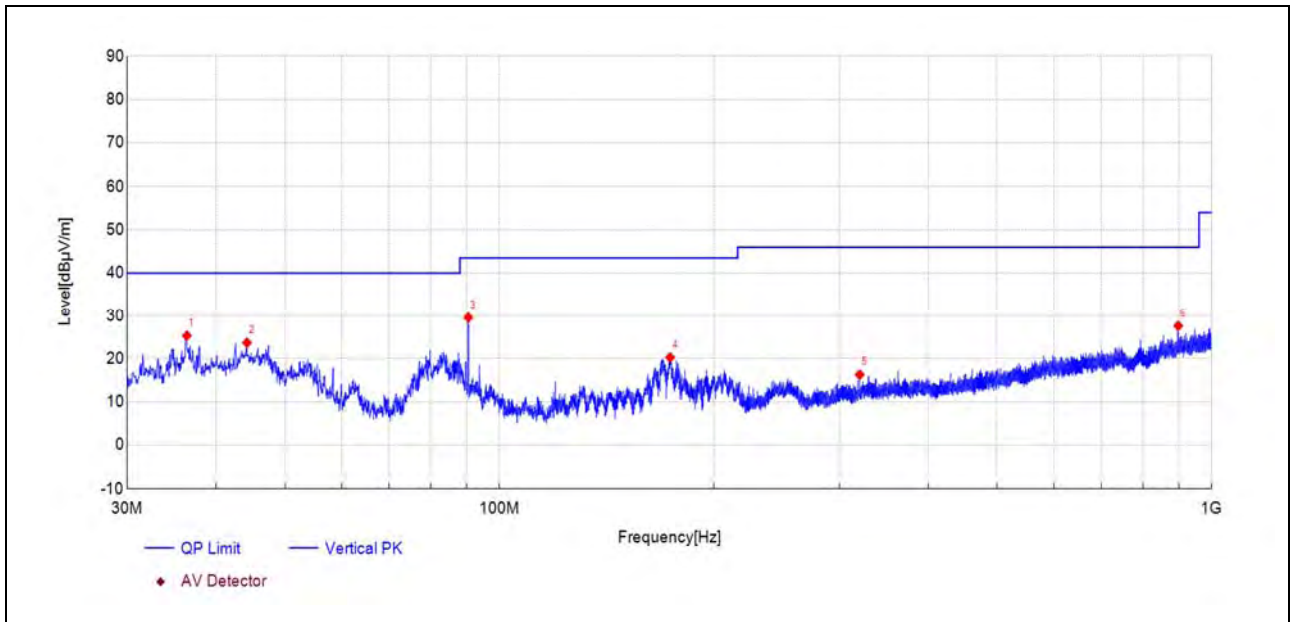
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
36.31	55.5	26.01	-29.500	40.00	13.99	150	351	PK	PASS
90.53	56.0	24.50	-31.450	43.50	19.00	150	36	PK	PASS
104.26	57.0	27.41	-29.540	43.50	16.09	150	331	PK	PASS
169.78	59.3	28.07	-31.230	43.50	15.43	150	9	PK	PASS
322.95	43.1	18.28	-24.790	46.00	27.72	150	4	PK	PASS
897.66	39.1	27.13	-11.920	46.00	18.87	150	190	PK	PASS



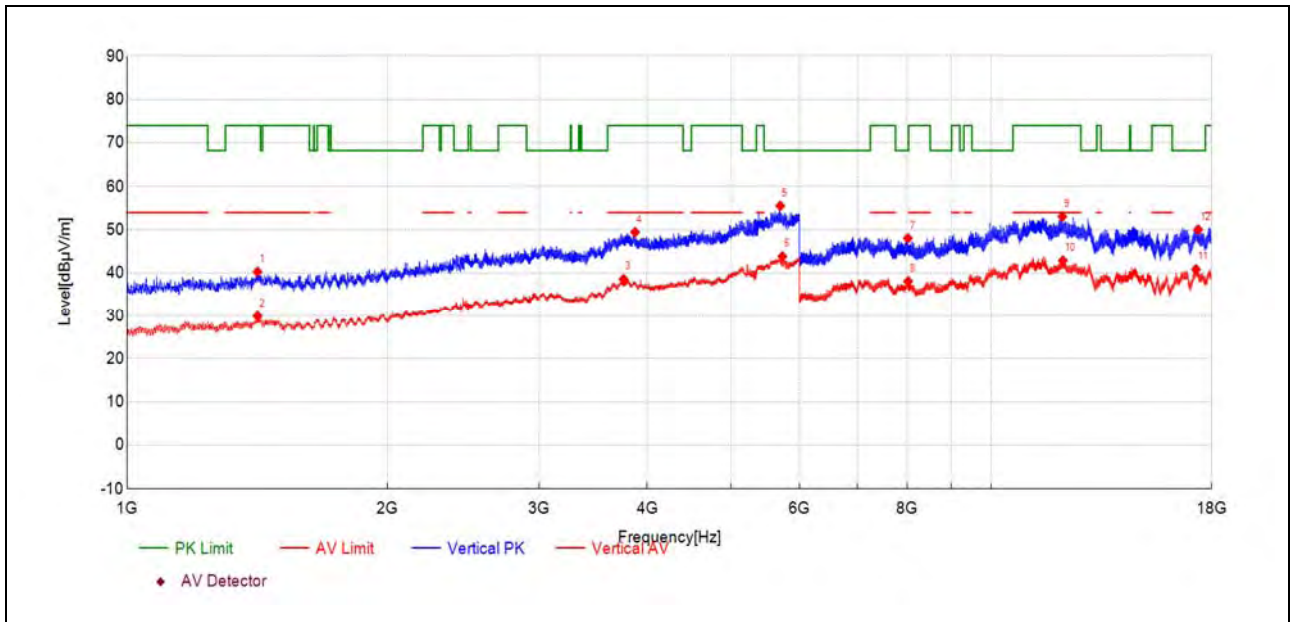
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1201.02	40.3	39.62	-0.720	74.00	34.38	150	108	PK	PASS
1203.02	29.0	28.25	-0.740	54.00	25.75	150	329	AV	PASS
2953.70	38.3	46.26	7.960	68.23	21.97	150	182	PK	PASS
2955.20	26.6	34.62	7.980	-	-	150	74	AV	NA
5720.97	24.2	43.63	19.450	-	-	150	128	AV	NA
5740.47	35.3	54.73	19.400	68.23	13.50	150	209	PK	PASS
7885.08	33.6	38.42	4.800	-	-	150	5	AV	NA
8001.58	43.8	48.91	5.100	68.23	19.32	150	357	PK	PASS
11573.23	31.8	45.94	14.120	54.00	8.06	150	109	AV	PASS
11573.73	41.2	55.31	14.120	74.00	18.69	150	109	PK	PASS
17269.47	27.8	41.00	13.220	-	-	150	118	AV	NA
17320.97	37.7	50.97	13.260	68.23	17.26	150	25	PK	PASS



(Antenna Vertical, 30MHz to 1GHz)

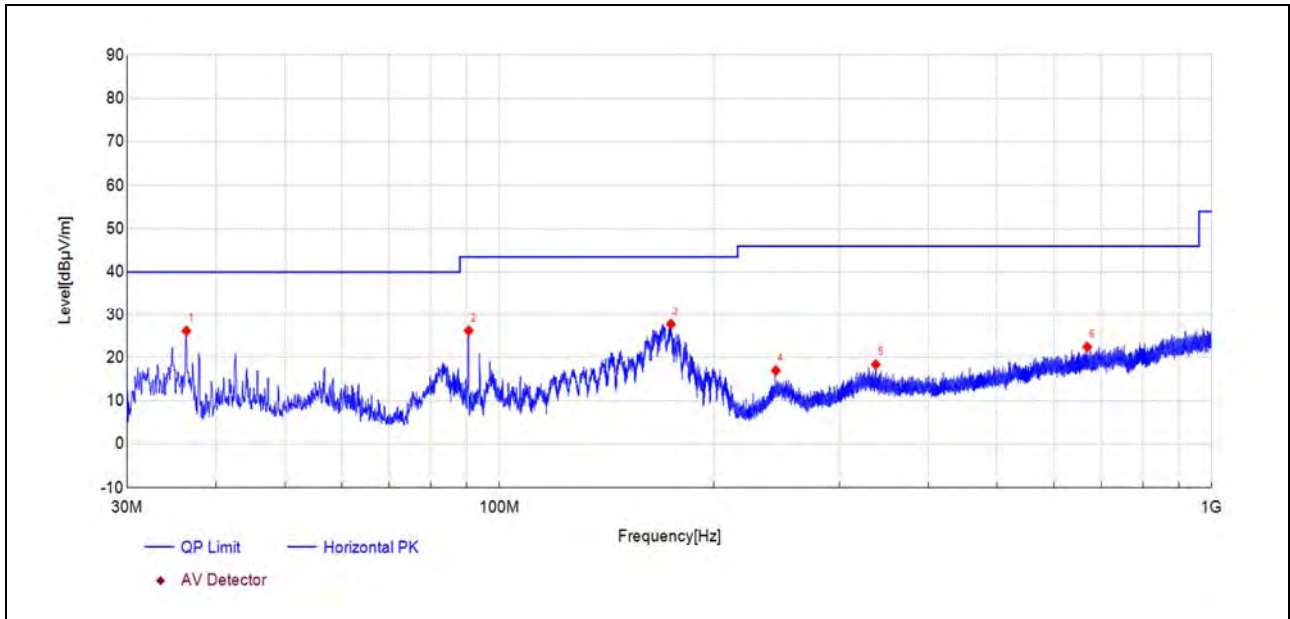
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
36.40	54.8	25.32	-29.460	40.00	14.68	150	76	PK	PASS
44.21	51.5	23.66	-27.870	40.00	16.34	150	360	PK	PASS
90.43	61.1	29.57	-31.480	43.50	13.93	150	97	PK	PASS
173.66	50.9	20.27	-30.660	43.50	23.23	150	9	PK	PASS
320.48	41.2	16.27	-24.970	46.00	29.73	150	198	PK	PASS
897.56	39.5	27.59	-11.930	46.00	18.41	150	324	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

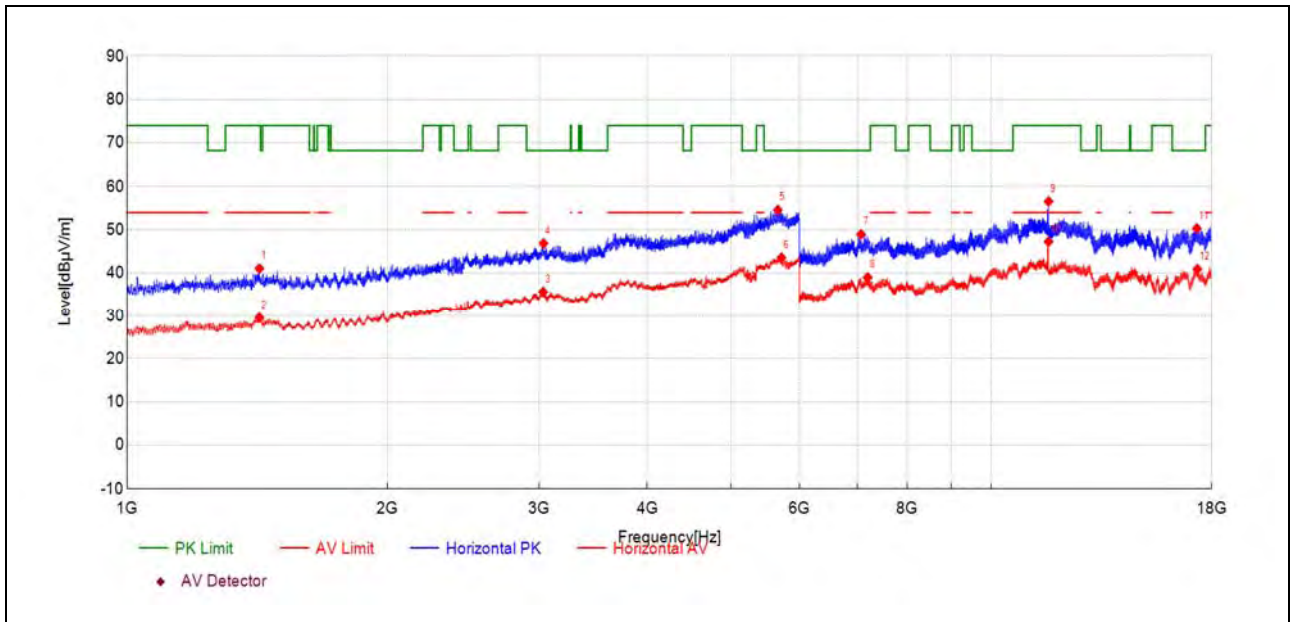
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1416.04	40.1	40.30	0.170	74.00	33.70	150	255	PK	PASS
1416.04	29.7	29.88	0.170	54.00	24.12	150	88	AV	PASS
3754.78	27.2	38.59	11.420	54.00	15.41	150	322	AV	PASS
3871.79	37.8	49.47	11.650	74.00	24.53	150	336	PK	PASS
5700.97	36.1	55.56	19.490	68.23	12.67	150	234	PK	PASS
5733.97	24.5	43.86	19.410	-	-	150	113	AV	NA
8009.58	43.1	48.06	5.010	68.23	20.17	150	140	PK	PASS
8015.08	33.1	38.08	4.940	-	-	150	160	AV	NA
12088.75	38.5	53.06	14.550	74.00	20.94	150	98	PK	PASS
12105.75	28.3	42.89	14.600	54.00	11.11	150	275	AV	PASS
17260.47	27.6	40.88	13.240	-	-	150	119	AV	NA
17359.47	36.5	50.04	13.560	68.23	18.19	150	337	PK	PASS
1416.04	40.1	40.30	0.170	74.00	33.70	150	255	PK	PASS

Plot for Channel 165



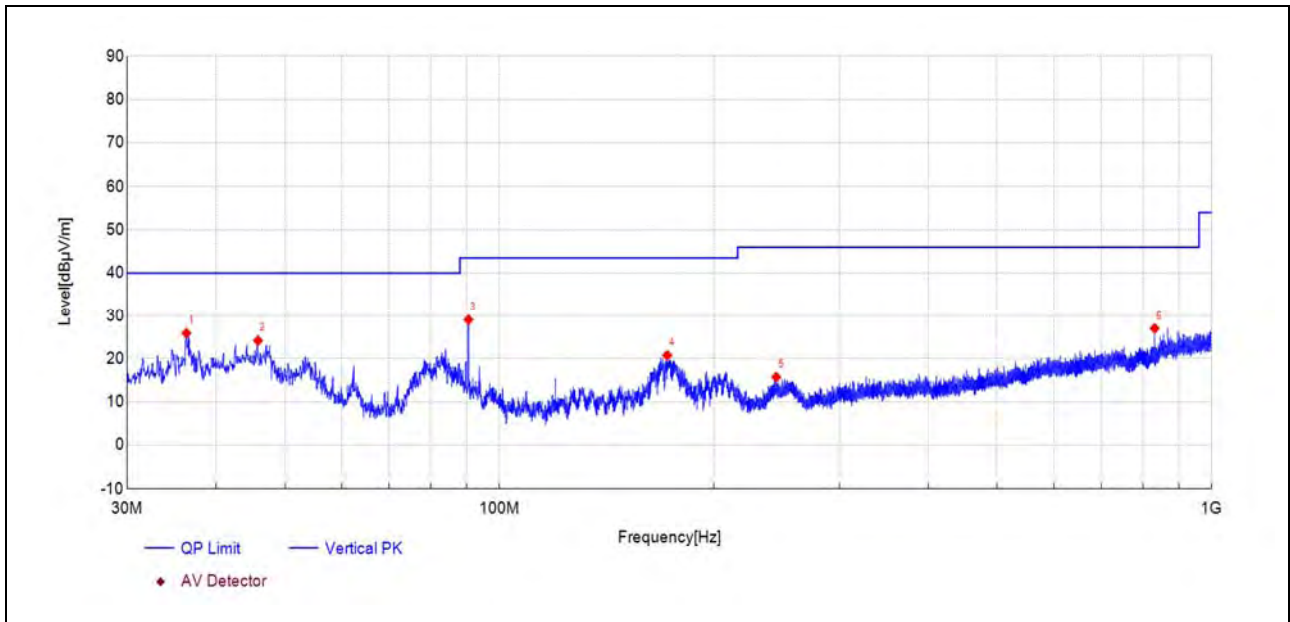
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
36.35	55.6	26.16	-29.480	40.00	13.84	150	134	PK	PASS
90.53	57.6	26.19	-31.450	43.50	17.31	150	249	PK	PASS
174.10	58.3	27.73	-30.590	43.50	15.77	150	8	PK	PASS
244.33	44.5	16.99	-27.490	46.00	29.01	150	134	PK	PASS
337.60	42.8	18.38	-24.460	46.00	27.62	150	4	PK	PASS
668.58	38.7	22.46	-16.260	46.00	23.54	150	196	PK	PASS



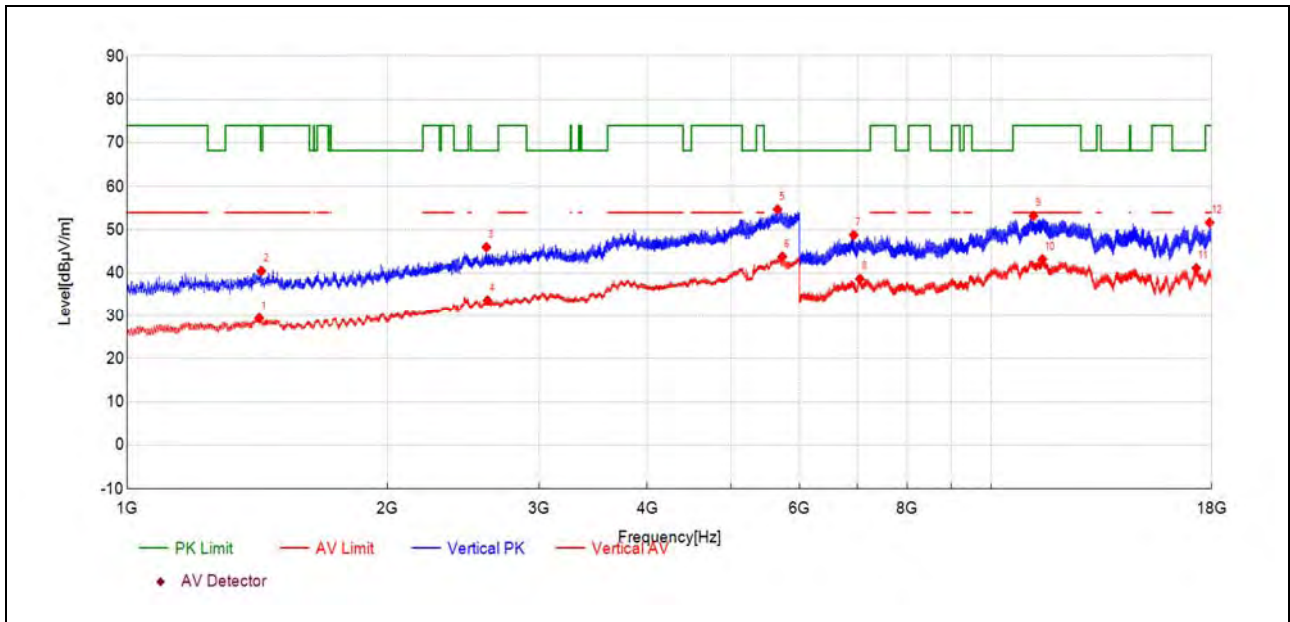
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1423.04	40.8	41.05	0.230	74.00	32.95	150	35	PK	PASS
1423.04	29.3	29.55	0.230	54.00	24.45	150	348	AV	PASS
3031.20	26.9	35.62	8.680	-	-	150	108	AV	NA
3033.70	38.2	46.87	8.670	68.23	21.36	150	114	PK	PASS
5663.97	35.6	54.61	18.970	68.23	13.62	150	108	PK	PASS
5720.47	24.1	43.58	19.450	-	-	150	268	AV	NA
7072.04	44.9	48.96	4.060	68.23	19.27	150	243	PK	PASS
7197.05	34.0	39.00	5.010	-	-	150	285	AV	NA
11652.24	42.8	56.57	13.780	74.00	17.43	150	119	PK	PASS
11652.74	33.5	47.29	13.780	54.00	6.71	150	109	AV	PASS
17301.47	37.2	50.33	13.110	68.23	17.90	150	141	PK	PASS
17325.97	27.6	40.91	13.300	-	-	150	327	AV	NA



(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
36.35	55.4	25.89	-29.480	40.00	14.11	150	76	PK	PASS
45.81	52.6	24.17	-28.390	40.00	15.83	150	298	PK	PASS
90.48	60.5	29.05	-31.470	43.50	14.45	150	143	PK	PASS
172.02	51.3	20.73	-30.560	43.50	22.77	150	9	PK	PASS
244.72	43.2	15.72	-27.450	46.00	30.28	150	9	PK	PASS
831.55	41.3	27.00	-14.300	46.00	19.00	150	359	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
1422.54	29.2	29.41	0.220	54.00	24.59	150	21	AV	PASS
1430.54	40.2	40.48	0.280	68.23	27.75	150	81	PK	PASS
2606.16	39.5	45.99	6.490	68.23	22.24	150	355	PK	PASS
2613.16	27.1	33.64	6.530	-	-	150	202	AV	NA
5659.47	35.8	54.73	18.920	68.23	13.50	150	221	PK	PASS
5734.47	24.4	43.81	19.410	-	-	150	75	AV	NA
6934.04	45.4	48.80	3.440	68.23	19.43	150	193	PK	PASS
7048.04	34.5	38.65	4.160	-	-	150	286	AV	NA
11195.72	39.4	53.25	13.870	74.00	20.75	150	47	PK	PASS
11464.23	29.0	43.20	14.240	54.00	10.80	150	171	AV	PASS
17272.97	27.9	41.11	13.200	-	-	150	204	AV	NA
17901.00	38.5	51.68	13.230	74.00	22.32	150	276	PK	PASS

— END OF REPORT —