

PSD NVNT n40 5230MHz Ant1 SISO



PSD NVNT n40 5270MHz Ant1 SISO



PSD NVNT n40 5310MHz Ant1 SISO



PSD NVNT n40 5510MHz Ant1 SISO



PSD NVNT n40 5550MHz Ant1 SISO



PSD NVNT n40 5710MHz Ant1 SISO



PSD NVNT n40 5755MHz Ant1 SISO



PSD NVNT n40 5795MHz Ant1 SISO



PSD NVNT n40 5190MHz Ant0 MIMO



PSD NVNT n40 5190MHz Ant1 MIMO



PSD NVNT n40 5230MHz Ant0 MIMO



PSD NVNT n40 5230MHz Ant1 MIMO



PSD NVNT n40 5270MHz Ant0 MIMO



PSD NVNT n40 5270MHz Ant1 MIMO



PSD NVNT n40 5310MHz Ant0 MIMO



PSD NVNT n40 5310MHz Ant1 MIMO



PSD NVNT n40 5510MHz Ant0 MIMO



PSD NVNT n40 5510MHz Ant1 MIMO



PSD NVNT n40 5550MHz Ant0 MIMO



PSD NVNT n40 5550MHz Ant1 MIMO



PSD NVNT n40 5710MHz Ant0 MIMO



PSD NVNT n40 5710MHz Ant1 MIMO



PSD NVNT n40 5755MHz Ant0 MIMO



PSD NVNT n40 5755MHz Ant1 MIMO



PSD NVNT n40 5795MHz Ant0 MIMO



PSD NVNT n40 5795MHz Ant1 MIMO



PSD NVNT ac20 5180MHz Ant0 SISO



PSD NVNT ac20 5220MHz Ant0 SISO



PSD NVNT ac20 5240MHz Ant0 SISO



PSD NVNT ac20 5260MHz Ant0 SISO



PSD NVNT ac20 5300MHz Ant0 SISO



PSD NVNT ac20 5320MHz Ant0 SISO



PSD NVNT ac20 5500MHz Ant0 SISO



PSD NVNT ac20 5580MHz Ant0 SISO



PSD NVNT ac20 5720MHz Ant0 SISO



PSD NVNT ac20 5745MHz Ant0 SISO



PSD NVNT ac20 5785MHz Ant0 SISO



PSD NVNT ac20 5825MHz Ant0 SISO



PSD NVNT ac20 5180MHz Ant1 SISO



PSD NVNT ac20 5220MHz Ant1 SISO



PSD NVNT ac20 5240MHz Ant1 SISO



PSD NVNT ac20 5260MHz Ant1 SISO



PSD NVNT ac20 5300MHz Ant1 SISO



PSD NVNT ac20 5320MHz Ant1 SISO



PSD NVNT ac20 5500MHz Ant1 SISO



PSD NVNT ac20 5580MHz Ant1 SISO



PSD NVNT ac20 5720MHz Ant1 SISO



PSD NVNT ac20 5745MHz Ant1 SISO



PSD NVNT ac20 5785MHz Ant1 SISO



PSD NVNT ac20 5825MHz Ant1 SISO



PSD NVNT ac20 5180MHz Ant0 MIMO



PSD NVNT ac20 5180MHz Ant1 MIMO



PSD NVNT ac20 5220MHz Ant0 MIMO



PSD NVNT ac20 5220MHz Ant1 MIMO



PSD NVNT ac20 5240MHz Ant0 MIMO



PSD NVNT ac20 5240MHz Ant1 MIMO



PSD NVNT ac20 5260MHz Ant0 MIMO



PSD NVNT ac20 5260MHz Ant1 MIMO



PSD NVNT ac20 5300MHz Ant0 MIMO



PSD NVNT ac20 5300MHz Ant1 MIMO



PSD NVNT ac20 5320MHz Ant0 MIMO



PSD NVNT ac20 5320MHz Ant1 MIMO



PSD NVNT ac20 5500MHz Ant0 MIMO



PSD NVNT ac20 5500MHz Ant1 MIMO



PSD NVNT ac20 5580MHz Ant0 MIMO



PSD NVNT ac20 5580MHz Ant1 MIMO



PSD NVNT ac20 5720MHz Ant0 MIMO



PSD NVNT ac20 5720MHz Ant1 MIMO



PSD NVNT ac20 5745MHz Ant0 MIMO



PSD NVNT ac20 5745MHz Ant1 MIMO



PSD NVNT ac20 5785MHz Ant0 MIMO



PSD NVNT ac20 5785MHz Ant1 MIMO



PSD NVNT ac20 5825MHz Ant0 MIMO



PSD NVNT ac20 5825MHz Ant1 MIMO



PSD NVNT ac40 5190MHz Ant0 SISO



PSD NVNT ac40 5230MHz Ant0 SISO



PSD NVNT ac40 5270MHz Ant0 SISO



PSD NVNT ac40 5310MHz Ant0 SISO



PSD NVNT ac40 5510MHz Ant0 SISO



PSD NVNT ac40 5550MHz Ant0 SISO



PSD NVNT ac40 5710MHz Ant0 SISO



PSD NVNT ac40 5755MHz Ant0 SISO



PSD NVNT ac40 5795MHz Ant0 SISO



PSD NVNT ac40 5190MHz Ant1 SISO



PSD NVNT ac40 5230MHz Ant1 SISO



PSD NVNT ac40 5270MHz Ant1 SISO



PSD NVNT ac40 5310MHz Ant1 SISO



PSD NVNT ac40 5510MHz Ant1 SISO



PSD NVNT ac40 5550MHz Ant1 SISO



PSD NVNT ac40 5710MHz Ant1 SISO



PSD NVNT ac40 5755MHz Ant1 SISO



PSD NVNT ac40 5795MHz Ant1 SISO



PSD NVNT ac40 5190MHz Ant0 MIMO



PSD NVNT ac40 5190MHz Ant1 MIMO



PSD NVNT ac40 5230MHz Ant0 MIMO



PSD NVNT ac40 5230MHz Ant1 MIMO



PSD NVNT ac40 5270MHz Ant0 MIMO



PSD NVNT ac40 5270MHz Ant1 MIMO



PSD NVNT ac40 5310MHz Ant0 MIMO



PSD NVNT ac40 5310MHz Ant1 MIMO



PSD NVNT ac40 5510MHz Ant0 MIMO



PSD NVNT ac40 5510MHz Ant1 MIMO



PSD NVNT ac40 5550MHz Ant0 MIMO



PSD NVNT ac40 5550MHz Ant1 MIMO



PSD NVNT ac40 5710MHz Ant0 MIMO



PSD NVNT ac40 5710MHz Ant1 MIMO



PSD NVNT ac40 5755MHz Ant0 MIMO



PSD NVNT ac40 5755MHz Ant1 MIMO



PSD NVNT ac40 5795MHz Ant0 MIMO



PSD NVNT ac40 5795MHz Ant1 MIMO





PSD NVNT ac80 5210MHz Ant0 SISO



PSD NVNT ac80 5290MHz Ant0 SISO





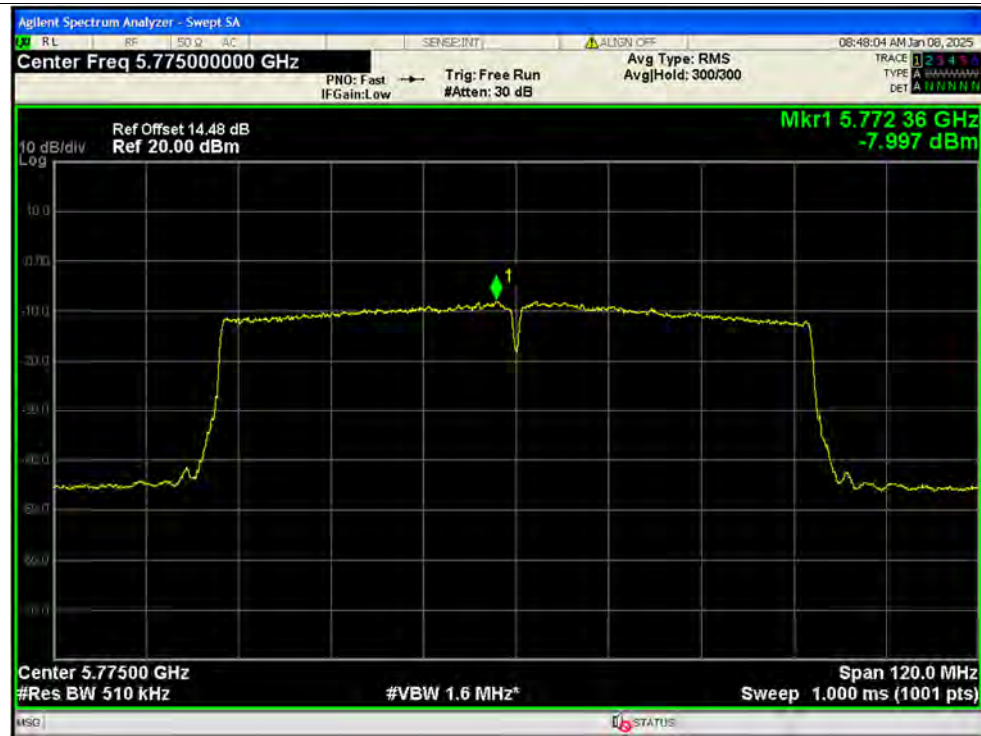
PSD NVNT ac80 5530MHz Ant0 SISO



PSD NVNT ac80 5690MHz Ant0 SISO



PSD NVNT ac80 5775MHz Ant0 SISO



PSD NVNT ac80 5210MHz Ant1 SISO



PSD NVNT ac80 5290MHz Ant1 SISO



PSD NVNT ac80 5530MHz Ant1 SISO



PSD NVNT ac80 5690MHz Ant1 SISO



PSD NVNT ac80 5775MHz Ant1 SISO



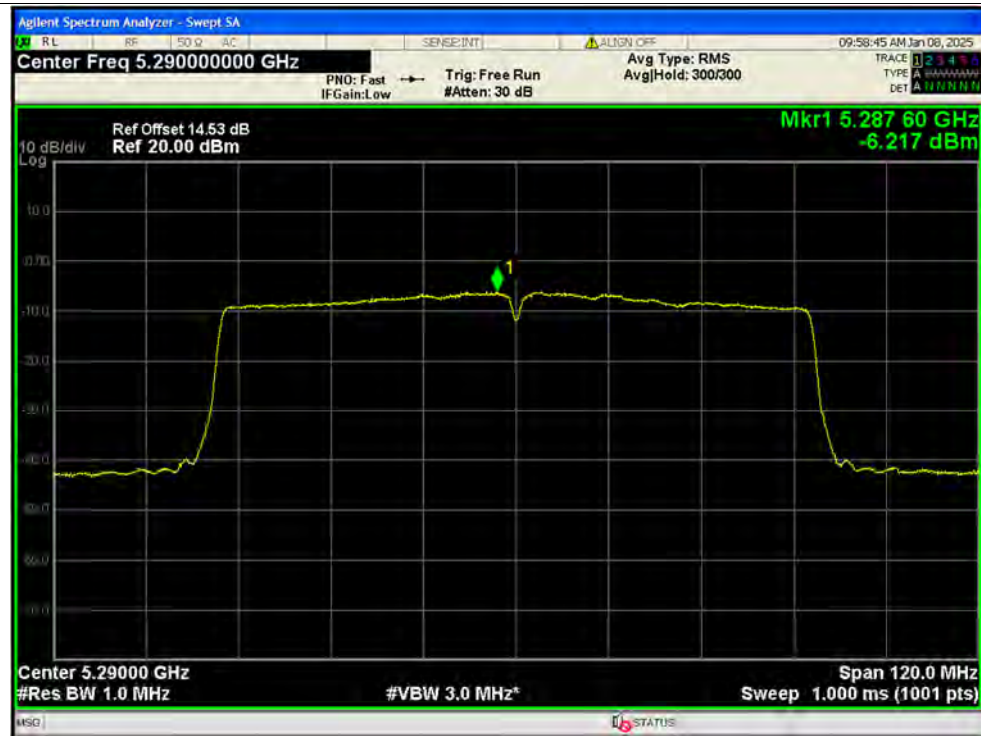
PSD NVNT ac80 5210MHz Ant0 MIMO



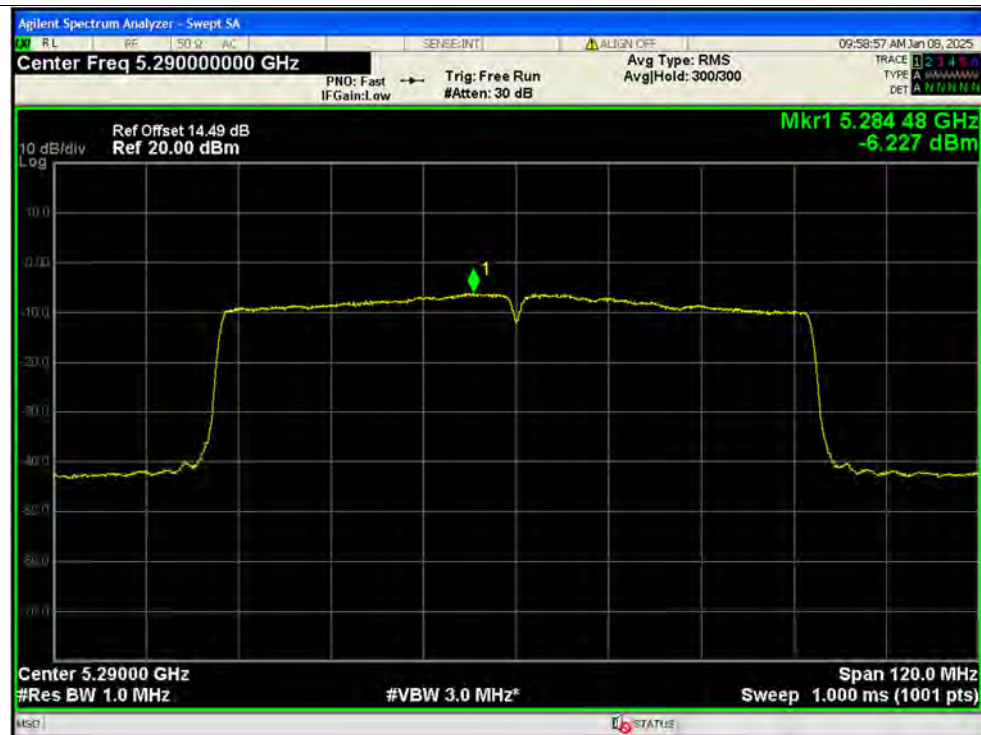
PSD NVNT ac80 5210MHz Ant1 MIMO



PSD NVNT ac80 5290MHz Ant0 MIMO



PSD NVNT ac80 5290MHz Ant1 MIMO



PSD NVNT ac80 5530MHz Ant0 MIMO



PSD NVNT ac80 5530MHz Ant1 MIMO



PSD NVNT ac80 5690MHz Ant0 MIMO



PSD NVNT ac80 5690MHz Ant1 MIMO



PSD NVNT ac80 5775MHz Ant0 MIMO



PSD NVNT ac80 5775MHz Ant1 MIMO



**A.5. Frequency Stability**

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 5V	CW	5180	Ant0	5180	0	0	25	Pass
20C 22V	CW	5180	Ant0	5180	0	0	25	Pass
20C 30V	CW	5180	Ant0	5180	0	0	25	Pass
0C 22V	CW	5180	Ant0	5180	0	0	25	Pass
10C 22V	CW	5180	Ant0	5180	0	0	25	Pass
30C 22V	CW	5180	Ant0	5180	0	0	25	Pass
35C 22V	CW	5180	Ant0	5180	0	0	25	Pass
20C 5V	CW	5260	Ant0	5260	0	0	25	Pass
20C 22V	CW	5260	Ant0	5260	0	0	25	Pass
20C 30V	CW	5260	Ant0	5260	0	0	25	Pass
0C 22V	CW	5260	Ant0	5260	0	0	25	Pass
10C 22V	CW	5260	Ant0	5260	0	0	25	Pass
30C 22V	CW	5260	Ant0	5260	0	0	25	Pass
35C 22V	CW	5260	Ant0	5260	0	0	25	Pass
20C 5V	CW	5500	Ant0	5500	0	0	25	Pass
20C 22V	CW	5500	Ant0	5500	0	0	25	Pass
20C 30V	CW	5500	Ant0	5500	0	0	25	Pass
0C 22V	CW	5500	Ant0	5500	0	0	25	Pass
10C 22V	CW	5500	Ant0	5500	0	0	25	Pass
30C 22V	CW	5500	Ant0	5500	0	0	25	Pass
35C 22V	CW	5500	Ant0	5500	0	0	25	Pass
20C 5V	CW	5745	Ant0	5745	0	0	25	Pass
20C 22V	CW	5745	Ant0	5745	0	0	25	Pass
20C 30V	CW	5745	Ant0	5745	0	0	25	Pass
0C 22V	CW	5745	Ant0	5745	0	0	25	Pass
10C 22V	CW	5745	Ant0	5745	0	0	25	Pass
30C 22V	CW	5745	Ant0	5745	0	0	25	Pass
35C 22V	CW	5745	Ant0	5745	0	0	25	Pass



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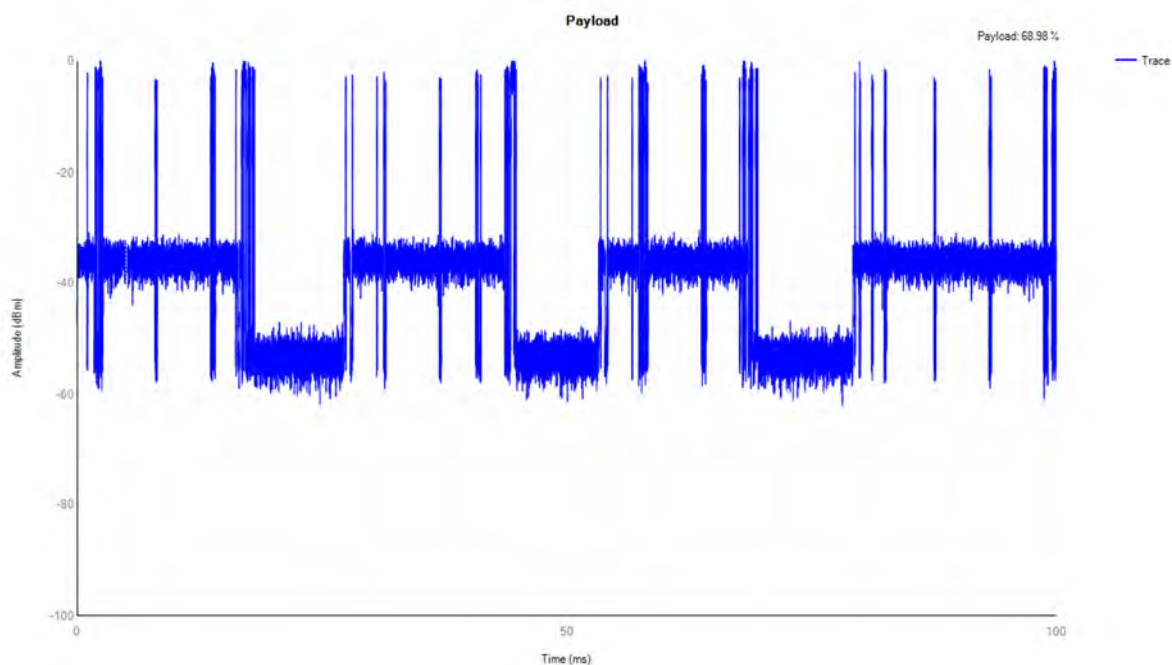
A.6. Dynamic Frequency Selection

a) Payload

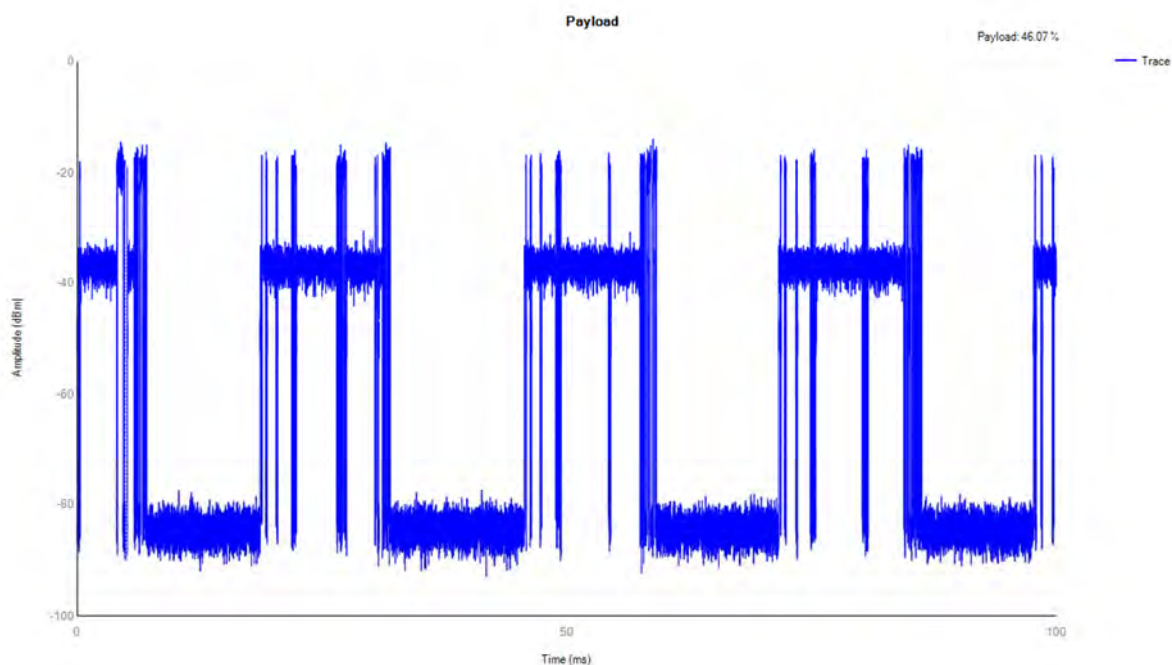
Mode	Frequency (MHz)	Result	Verdict
ac20	5260	68.98	Pass
ac20	5500	46.07	Pass
ac80	5290	30.74	Pass
ac80	5530	82.77	Pass

Test Graphs

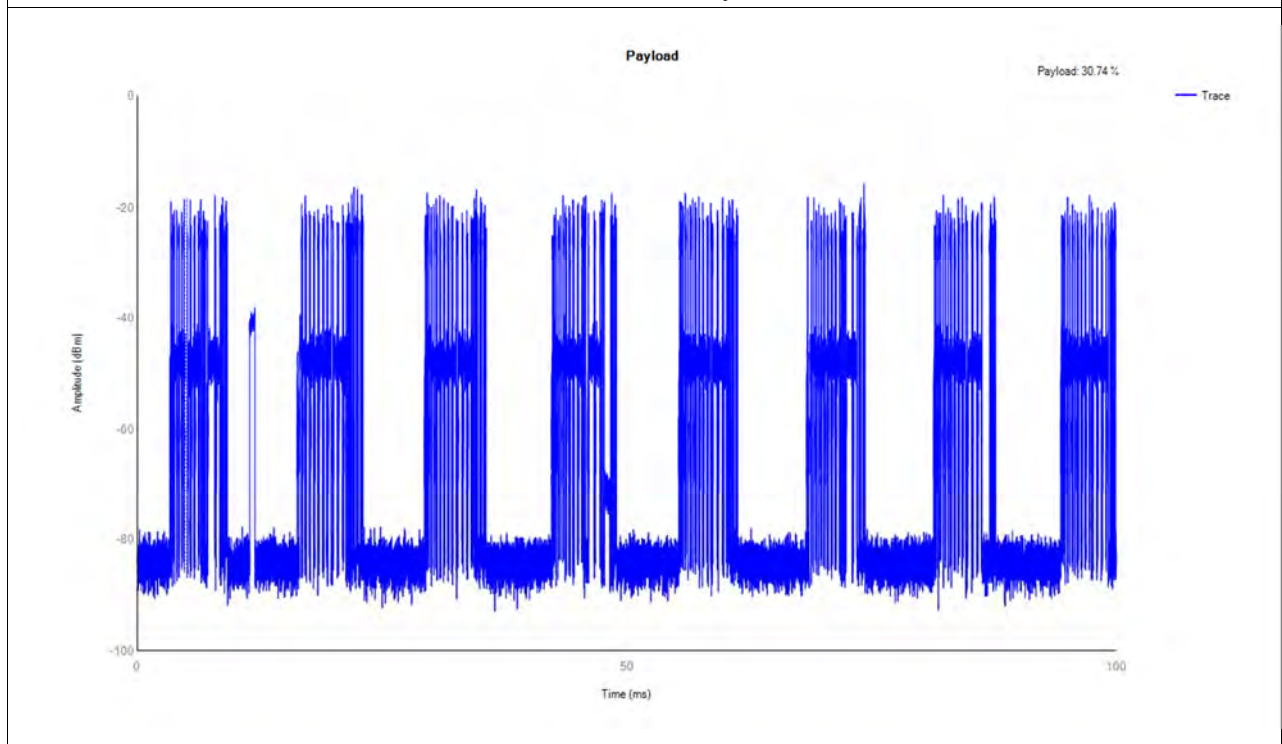
ac20 5260MHz Payload



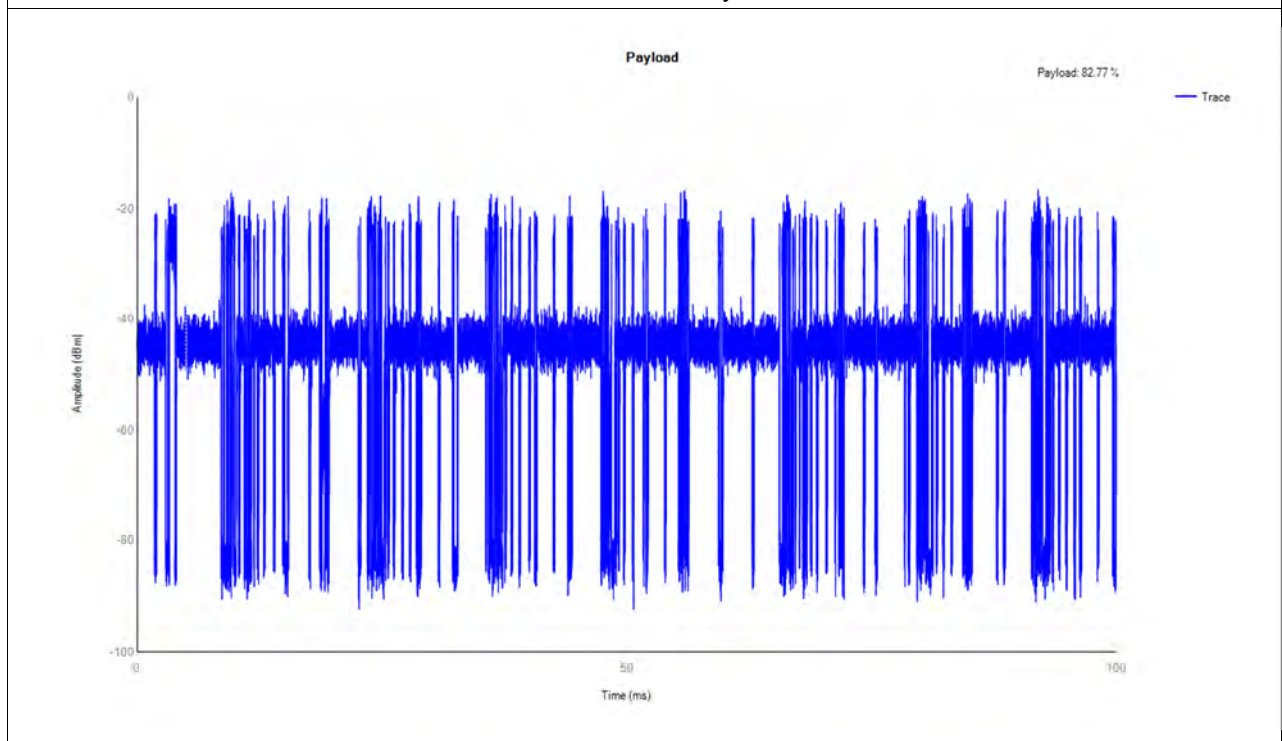
ac20 5500MHz Payload



ac80 5290MHz Payload



ac80 5530MHz Payload



**b) 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

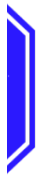
Spectrum analyzer settings:

Span: Zero

Detector Type: Peak

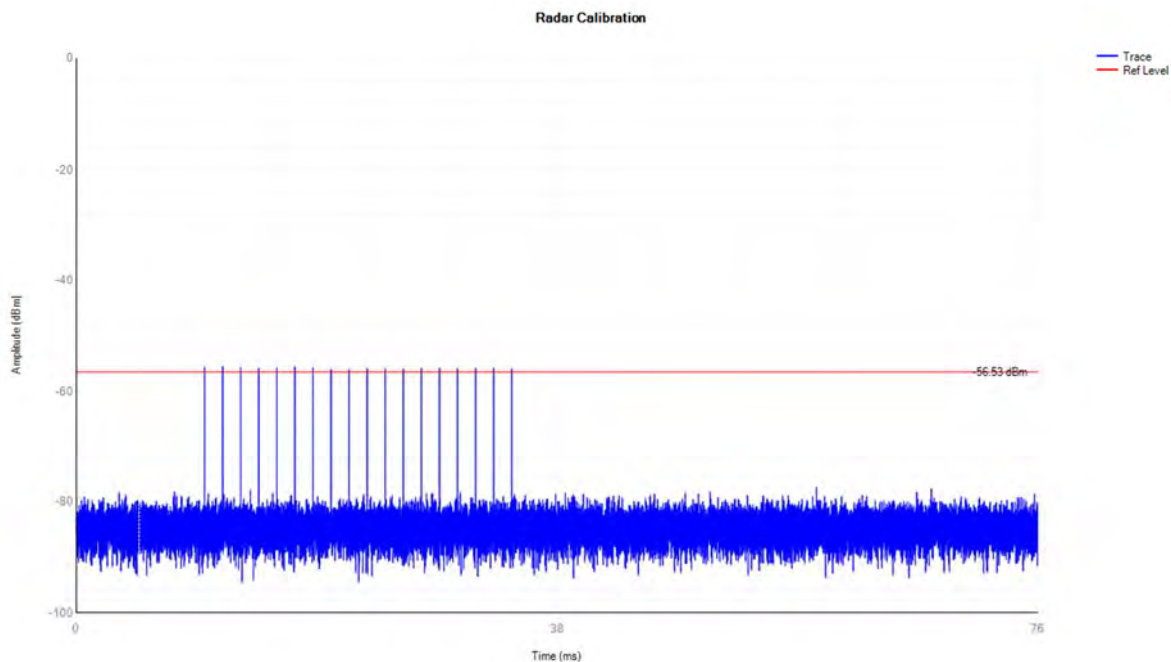
RBW: 3MHz

VBW: 3MHz

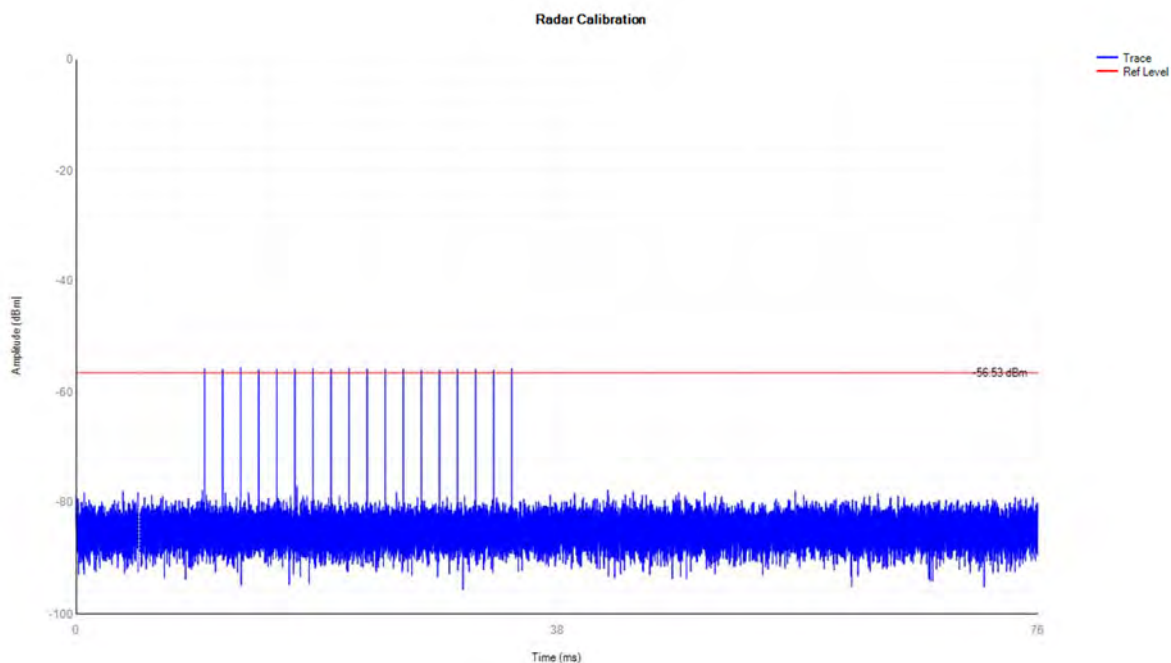


Test Graphs

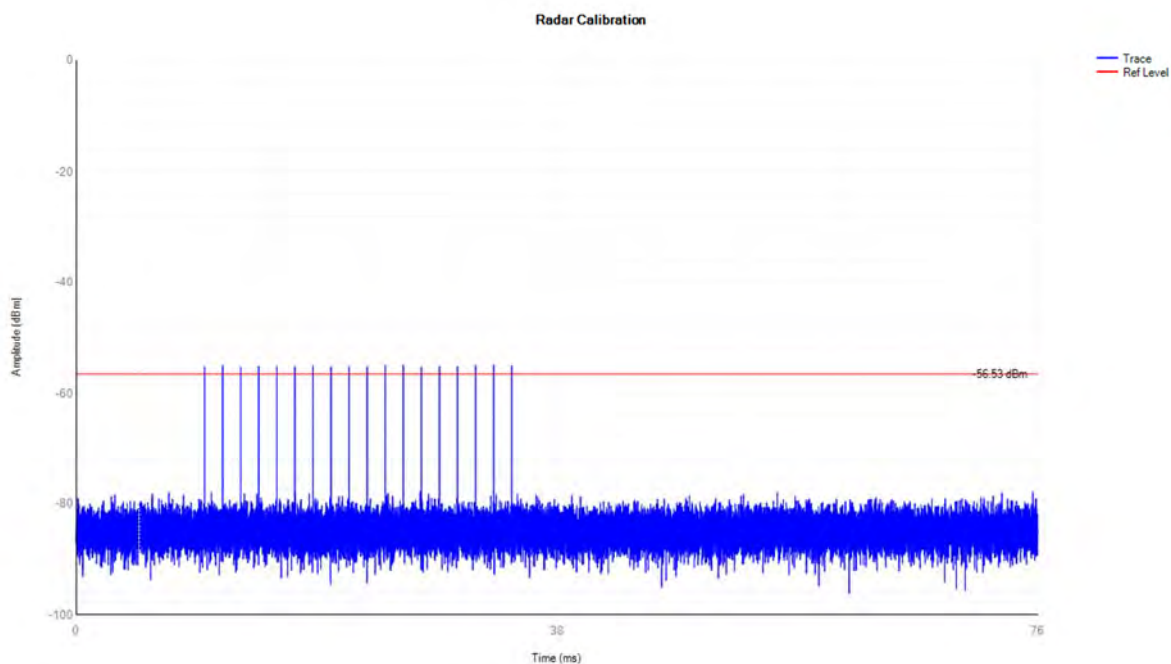
5260MHz DFS_FCC_T0



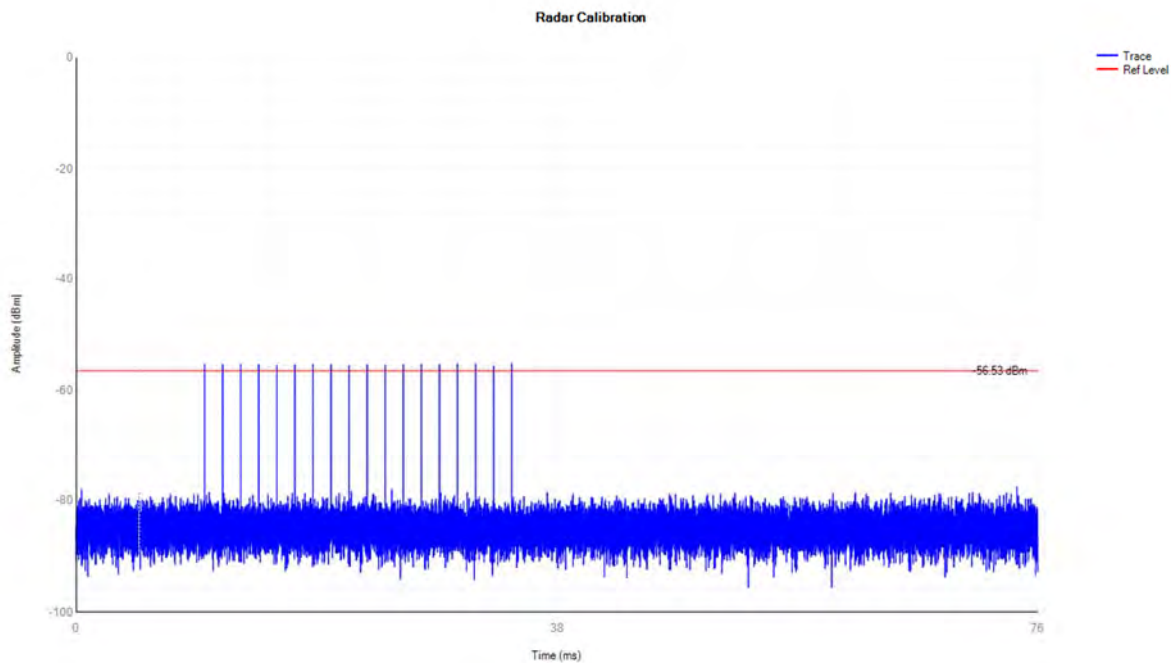
5500MHz DFS_FCC_T0



5270MHz DFS_FCC_T0



5510MHz 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	5260	0.832	10	0.023	0.26	0.009	0.06	Pass
ac20	5500	0.859	10	0.023	0.26	0.009	0.06	Pass
ac80	5290	0.162	10	0.005	0.26	0	0.06	Pass
ac80	5530	0.032	10	0.003	0.26	0	0.06	Pass

Spectrum analyzer settings:

Span: Zero

Detector type: Peak

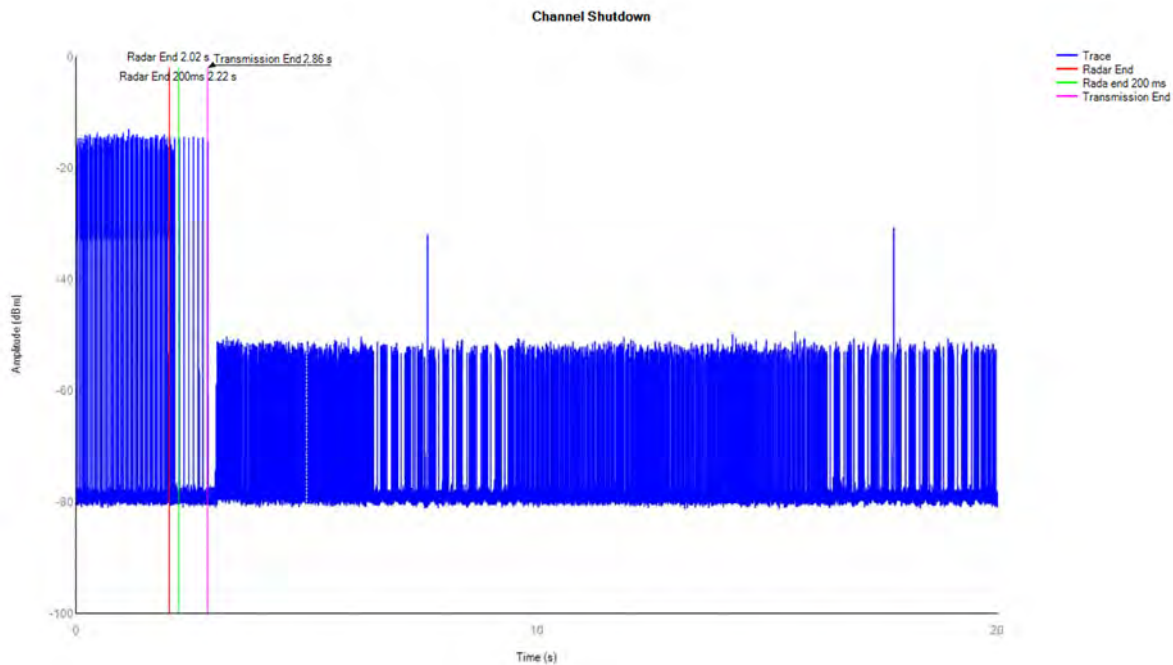
RBW: 3MHz

VBW: 3MHz

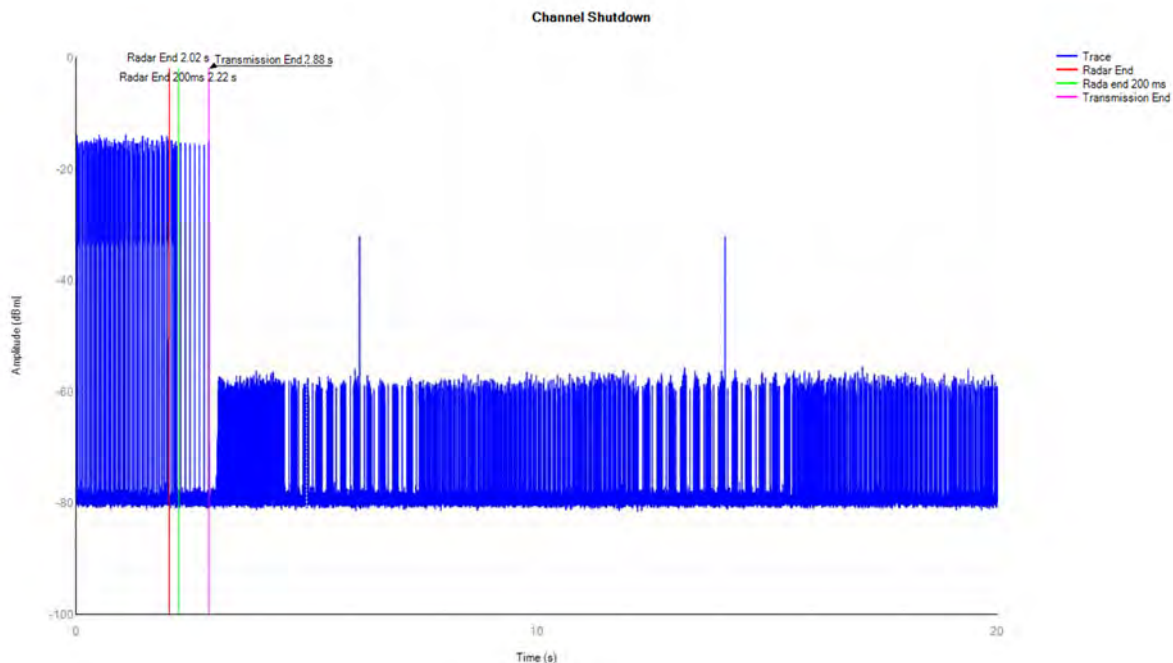
Sweep time: 20s

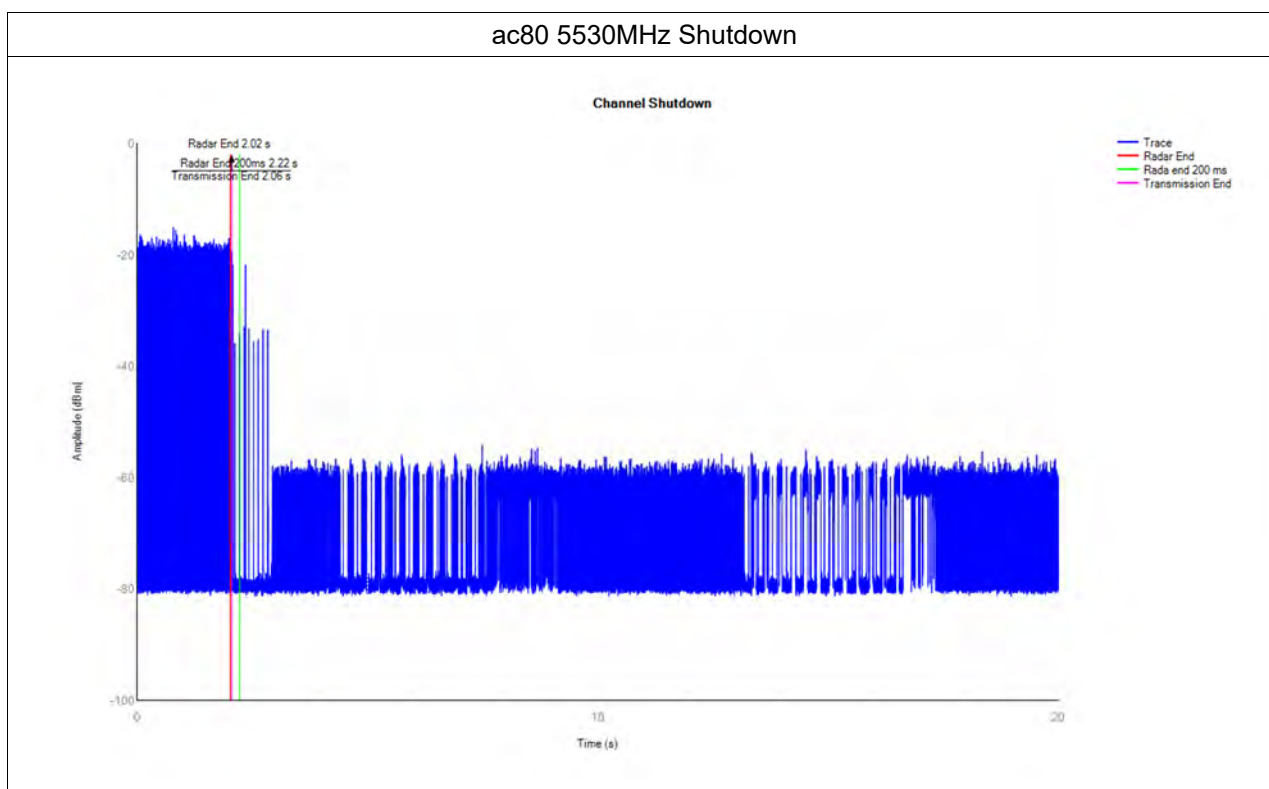
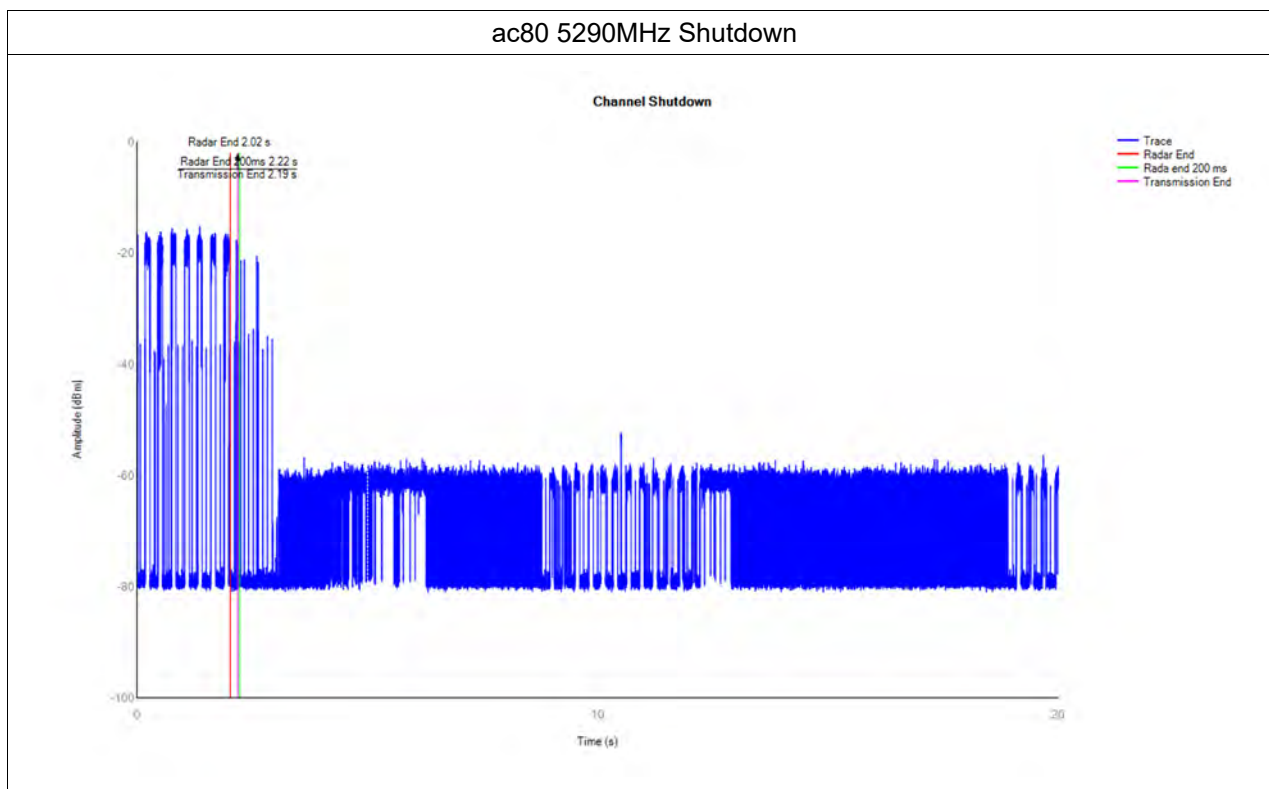
Test Graphs

ac20 5260MHz Shutdown



ac20 5500MHz Shutdown





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 Period**

Mode	Frequency (MHz)	Result	Verdict	SISO
ac20	5260	See test Graph	Pass	SISO
ac80	5290	See test Graph	Pass	SISO

Spectrum analyzer settings:

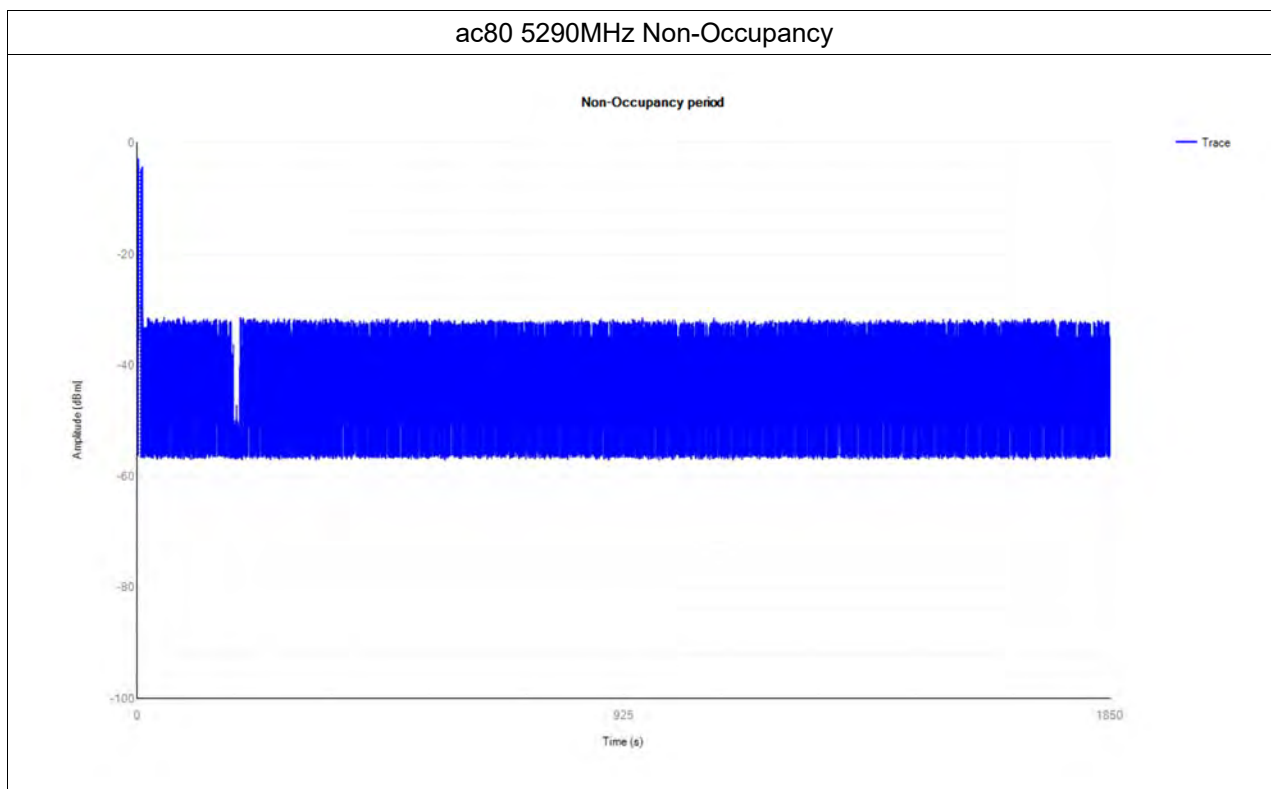
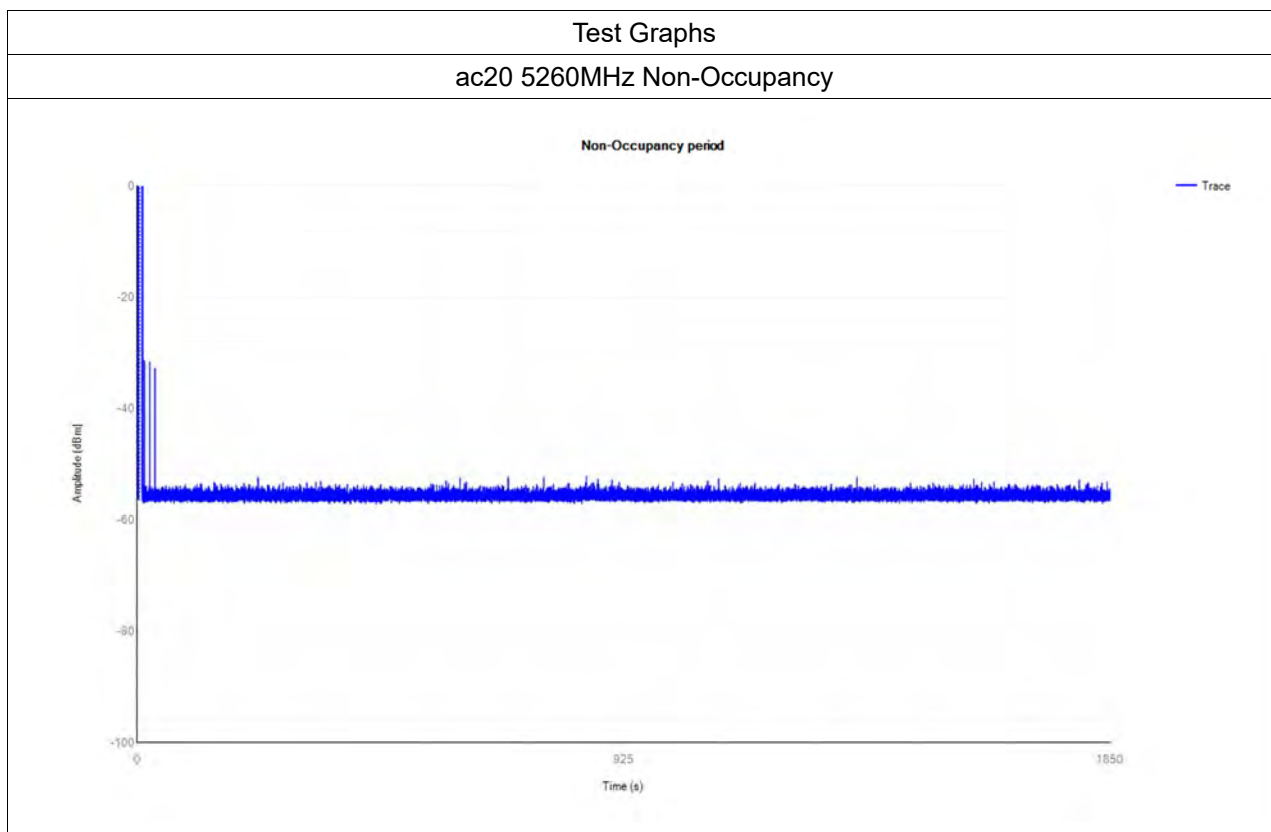
Span: Zero

Detector type: Peak

RBW: 3MHz

VBW: 3MHz

Sweep time: 1850s





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+U disk+loud speaker+PC1++PC adapter1+PC2+PC adapter2+HDMI cable1+HDMI cable2+WIFI TX

Test voltage: AC 120V/60Hz

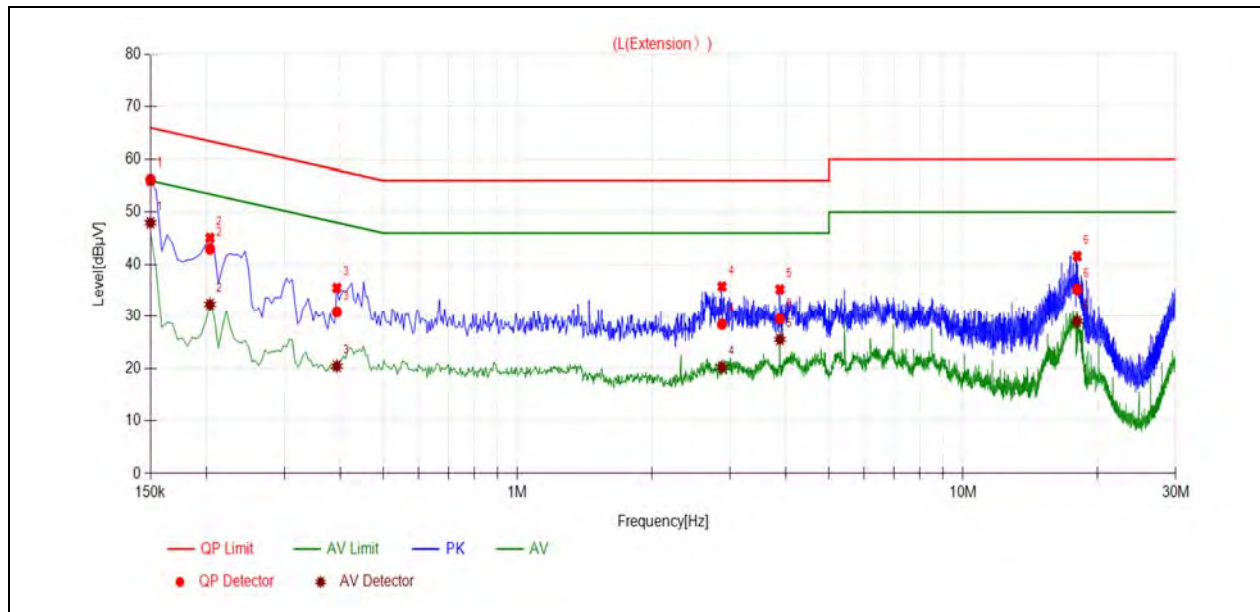
The measurement results are obtained as below:

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

U_R : Receiver Reading

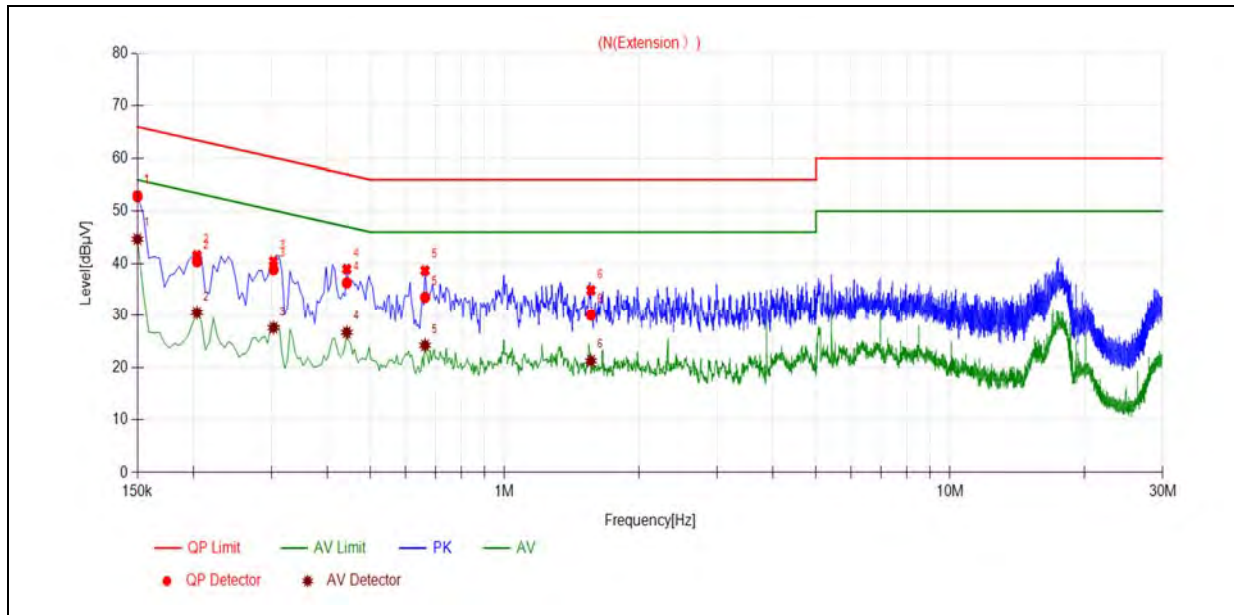
A_{Factor} : Voltage division factor of LISN

B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1500	56.25	47.98	66.00	56.00	Line	PASS
2	0.2040	42.98	32.36	63.45	53.45		PASS
3	0.3930	30.85	20.40	58.00	48.00		PASS
4	2.8769	28.45	20.19	56.00	46.00		PASS
5	3.8808	29.46	25.51	56.00	46.00		PASS
6	18.0233	35.21	29.00	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	0.1500	52.81	44.66	66.00	56.00	Neutral	PASS
2	0.2040	40.36	30.54	63.45	53.45		PASS
3	0.3030	38.86	27.59	60.16	50.16		PASS
4	0.4425	36.30	26.69	57.01	47.01		PASS
5	0.6630	33.54	24.21	56.00	46.00		PASS
6	1.5629	30.06	21.24	56.00	46.00		PASS

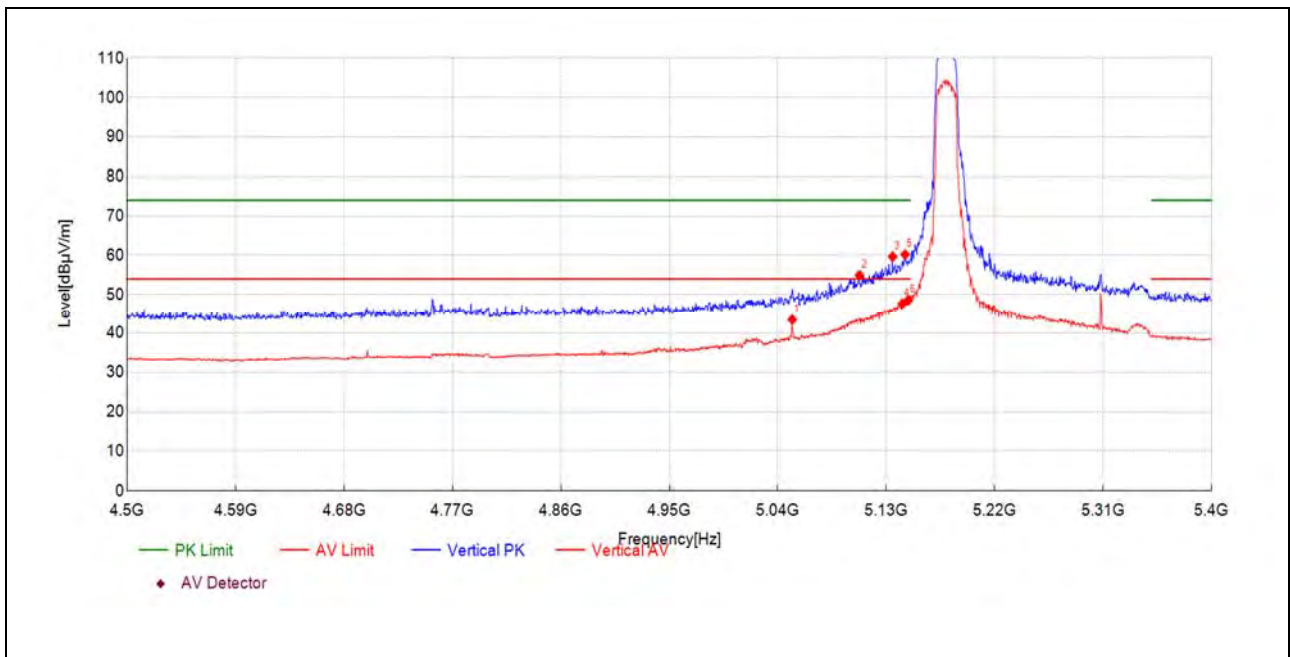
A.8. Restricted Frequency Bands

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.

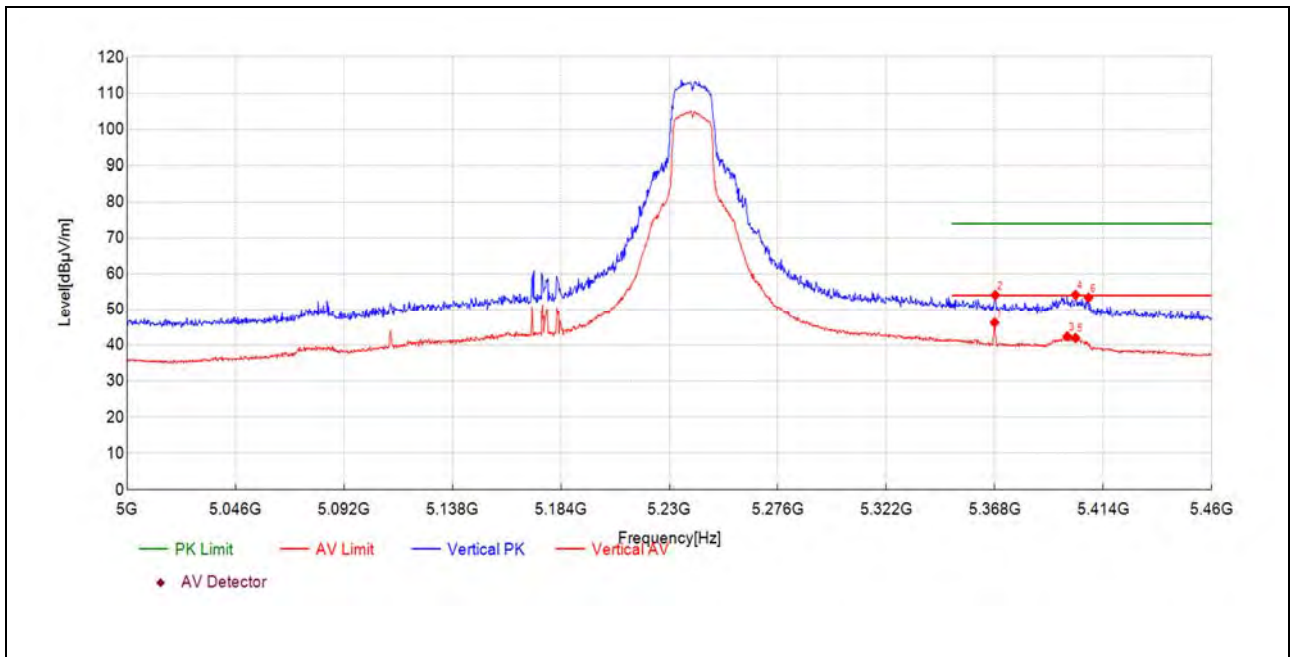
802.11a Mode

Plot for Channel 36



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5051.98	30.0	43.48	13.440	54.00	10.52	150	304	AV	PASS
5107.80	41.1	54.95	13.820	74.00	19.05	150	298	PK	PASS
5135.27	45.4	59.70	14.320	74.00	14.30	150	304	PK	PASS
5143.37	33.2	47.70	14.470	54.00	6.30	150	304	AV	PASS
5145.62	45.7	60.24	14.510	74.00	13.76	150	298	PK	PASS
5148.32	34.1	48.61	14.560	54.00	5.39	150	304	AV	PASS

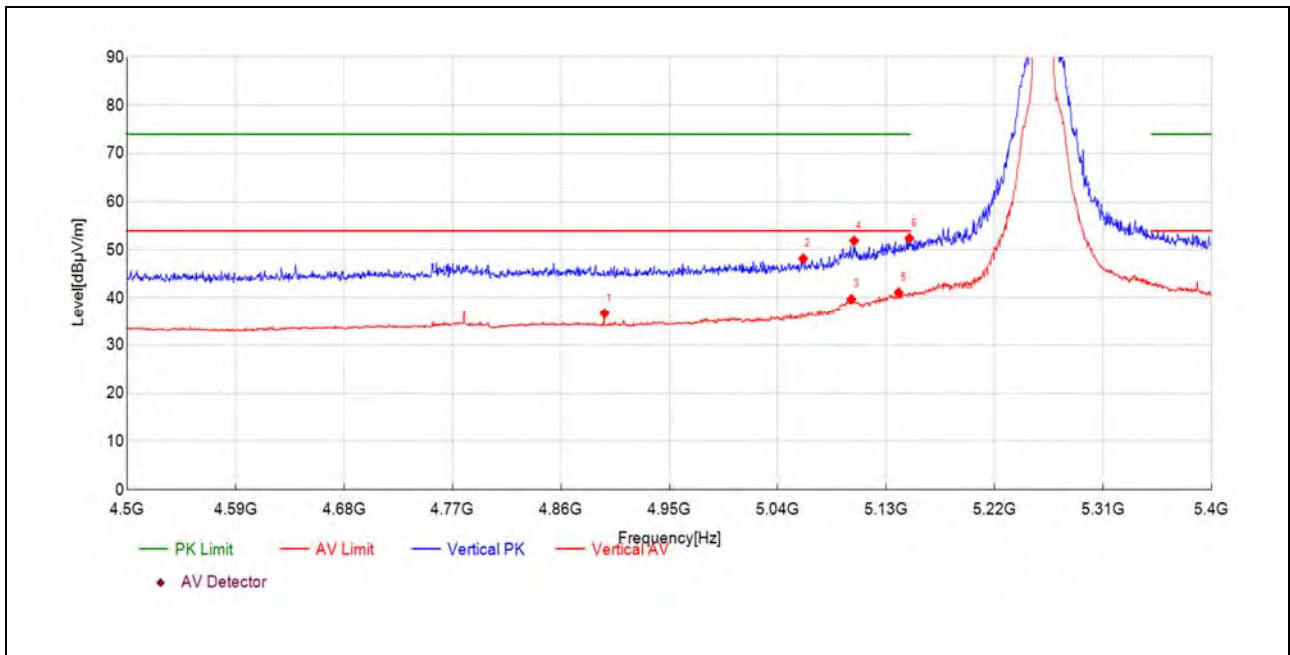
Plot for Channel 48



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5367.95	31.1	46.32	15.230	54.00	7.68	150	272	AV	PASS
5368.18	38.9	54.11	15.230	74.00	19.89	150	272	PK	PASS
5398.79	26.8	42.44	15.660	54.00	11.56	150	333	AV	PASS
5402.24	38.6	54.20	15.650	74.00	19.80	150	276	PK	PASS
5402.24	26.4	42.00	15.650	54.00	12.00	150	333	AV	PASS
5407.76	37.8	53.41	15.590	74.00	20.59	150	302	PK	PASS



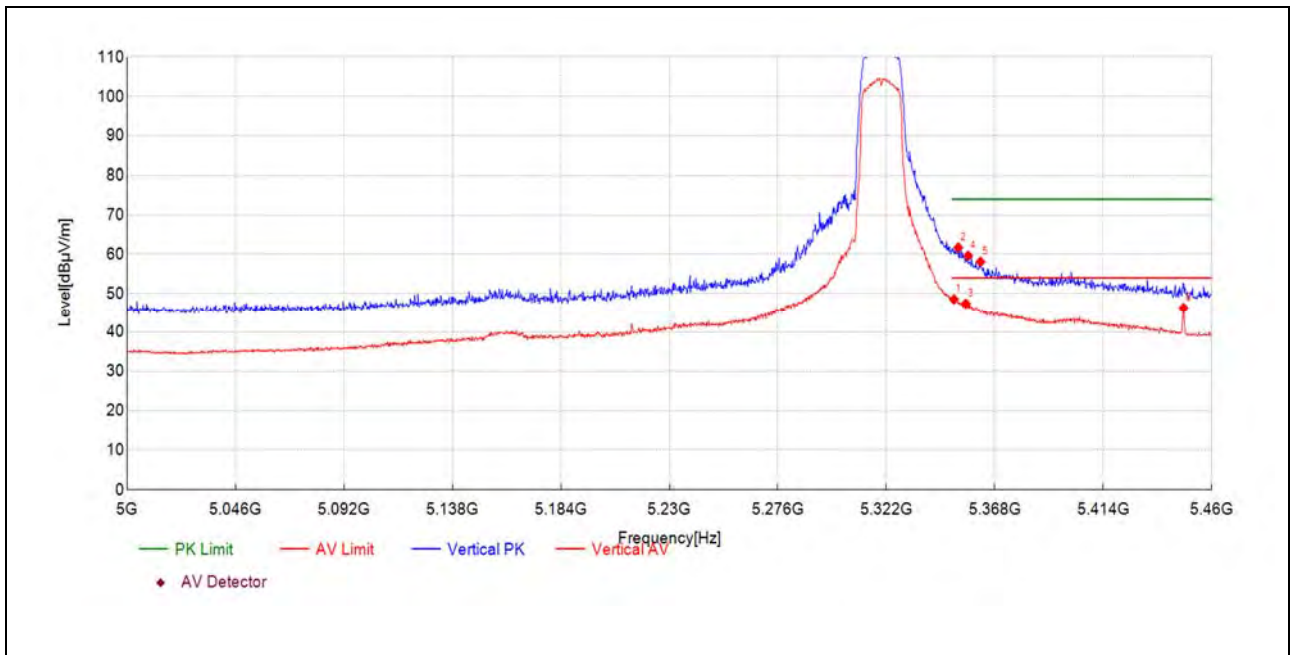
Plot for Channel 52



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
4896.20	24.5	36.70	12.240	54.00	17.30	150	51	AV	PASS
5060.98	34.7	48.20	13.490	74.00	25.80	150	300	PK	PASS
5101.05	26.1	39.76	13.700	54.00	14.24	150	300	AV	PASS
5103.30	38.2	51.93	13.740	74.00	22.07	150	300	PK	PASS
5140.22	26.7	41.14	14.410	54.00	12.86	150	305	AV	PASS
5149.22	37.9	52.44	14.580	74.00	21.56	150	305	PK	PASS

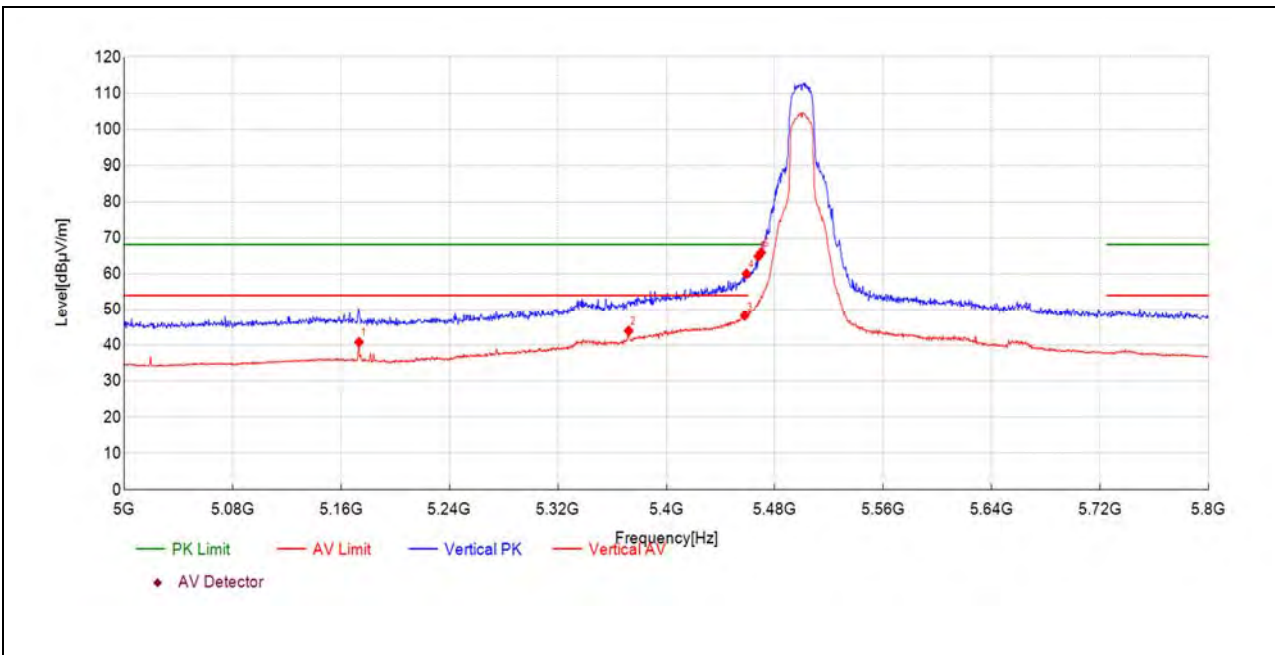


Plot for Channel 64



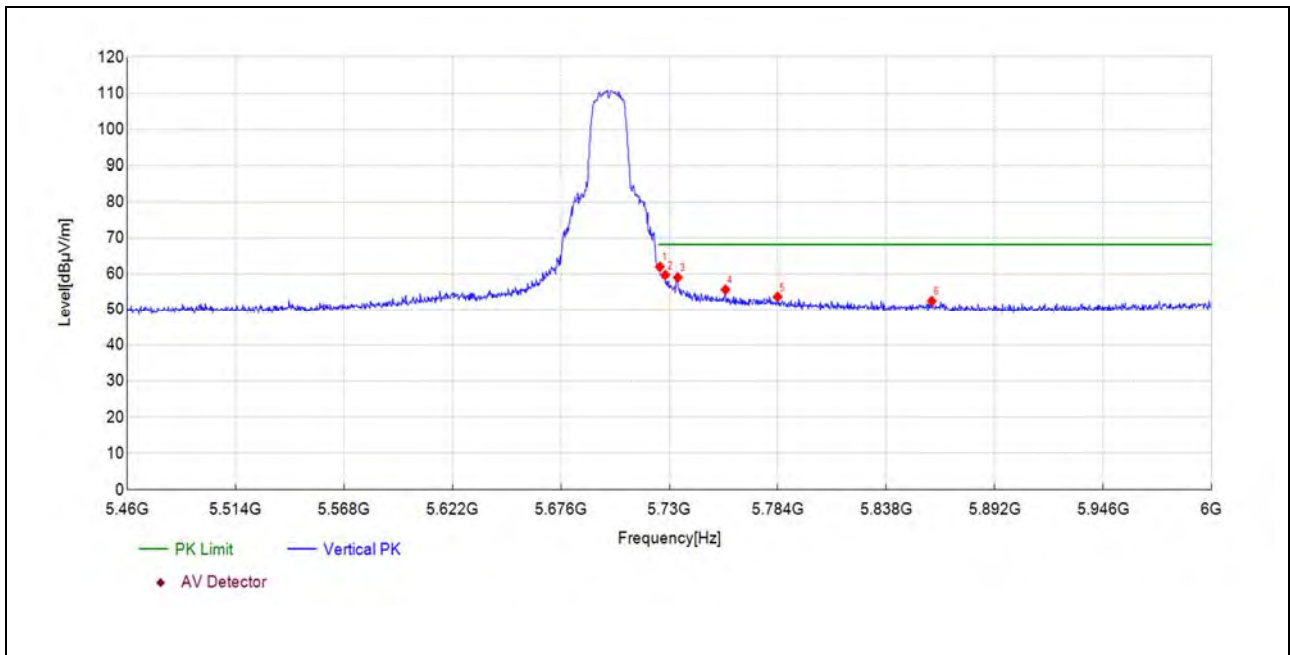
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5350.70	33.6	48.54	14.990	54.00	5.46	150	334	AV	PASS
5352.54	46.7	61.73	15.020	74.00	12.27	150	329	PK	PASS
5355.76	32.4	47.43	15.060	54.00	6.57	150	308	AV	PASS
5356.68	44.6	59.66	15.070	74.00	14.34	150	278	PK	PASS
5361.97	43.0	58.11	15.150	74.00	15.89	150	278	PK	PASS
5448.03	31.2	46.29	15.090	54.00	7.71	150	273	AV	PASS

Plot for Channel 100



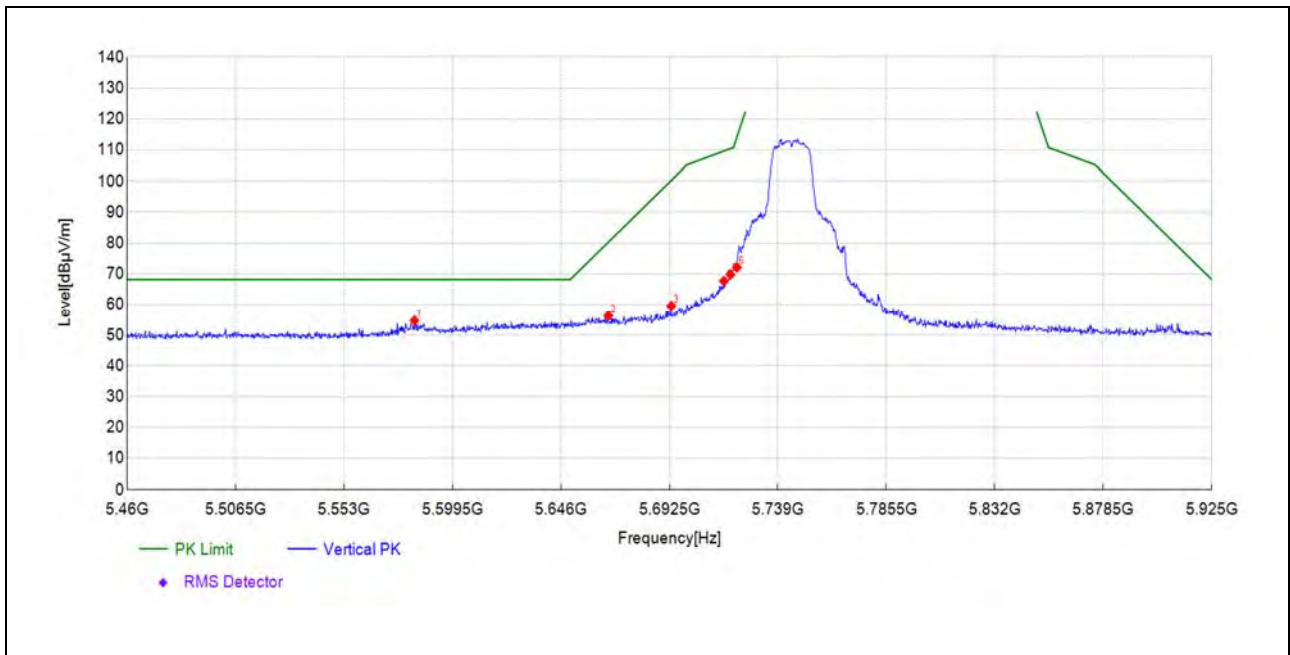
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5173.29	26.7	40.86	14.120	54.00	13.14	150	148	AV	PASS
5372.19	28.7	44.00	15.290	54.00	10.00	150	326	AV	PASS
5457.83	33.2	48.29	15.100	54.00	5.71	150	334	AV	PASS
5459.03	45.0	60.06	15.100	68.23	8.17	150	338	PK	PASS
5467.83	49.8	64.89	15.140	68.23	3.34	150	274	PK	PASS
5469.83	50.9	66.00	15.150	68.23	2.23	150	274	PK	PASS

Plot for Channel 140



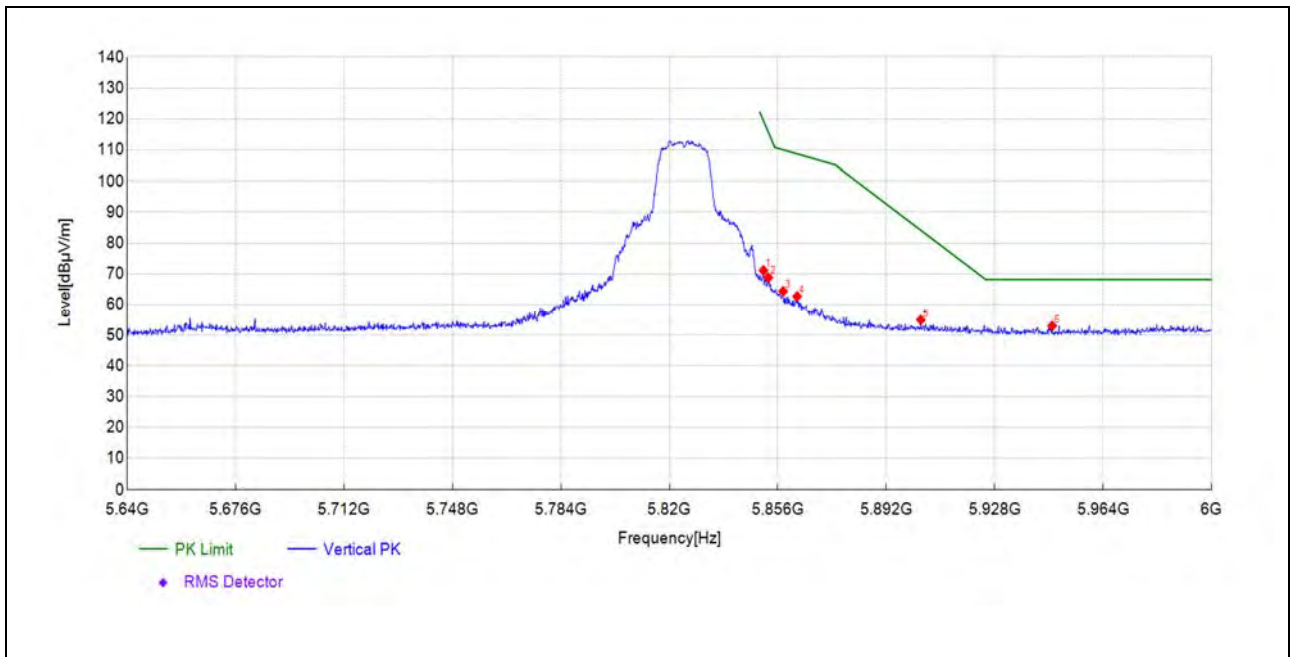
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5725.27	45.8	62.01	16.250	68.23	6.22	150	285	PK	PASS
5727.97	43.5	59.75	16.250	68.23	8.48	150	280	PK	PASS
5734.19	42.8	59.05	16.260	68.23	9.18	150	304	PK	PASS
5757.96	39.4	55.66	16.250	68.23	12.57	150	280	PK	PASS
5783.89	37.6	53.68	16.090	68.23	14.55	150	280	PK	PASS
5860.61	36.5	52.49	16.010	68.23	15.74	150	233	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
5583.29	39.1	54.69	15.580	68.23	13.54	150	279	PK	PASS
5666.33	40.3	56.26	15.940	80.34	24.08	150	283	PK	PASS
5693.31	43.5	59.61	16.150	100.30	40.69	150	303	PK	PASS
5715.88	51.5	67.73	16.230	109.68	41.95	150	238	PK	PASS
5718.67	53.6	69.85	16.230	110.46	40.61	150	34	PK	PASS
5721.46	55.9	72.16	16.240	114.16	42.00	150	287	PK	PASS

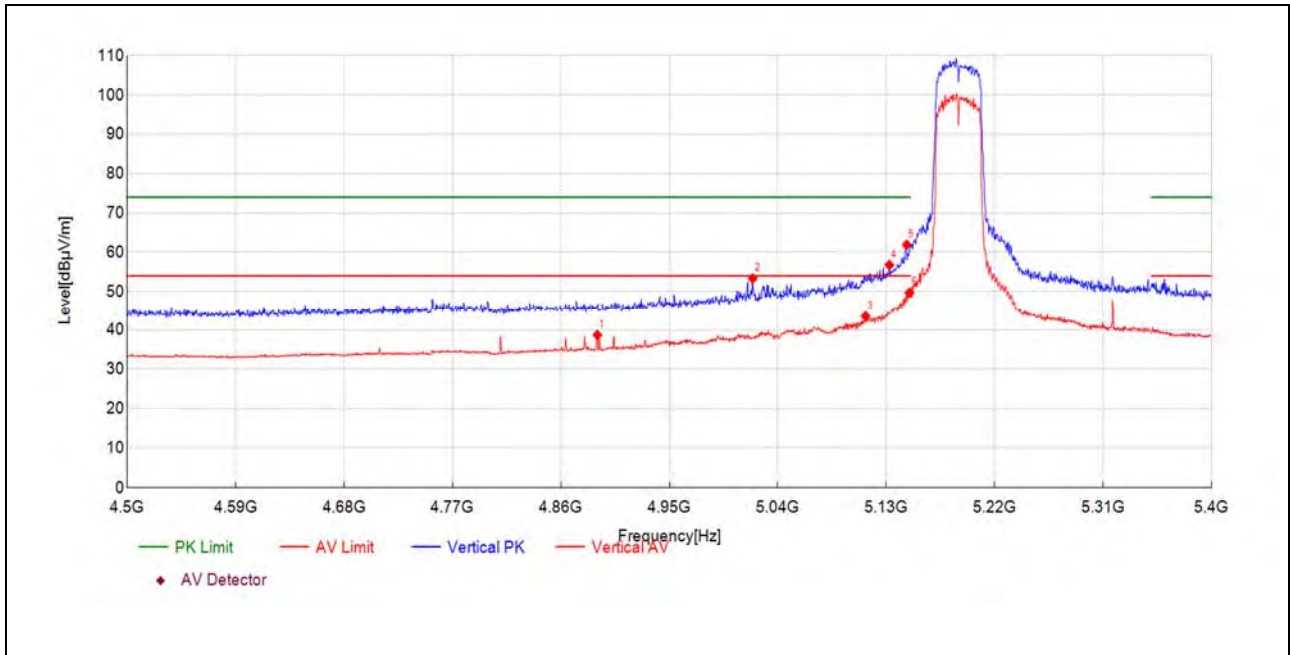
Plot for Channel 165



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5851.25	55.2	71.16	15.970	119.39	48.23	150	238	PK	PASS
5852.87	52.9	68.88	15.980	115.69	46.81	150	238	PK	PASS
5857.73	48.4	64.39	16.000	110.06	45.67	150	238	PK	PASS
5862.41	46.7	62.75	16.020	108.75	46.00	150	275	PK	PASS
5903.47	38.7	54.88	16.180	84.12	29.24	150	280	PK	PASS
5947.05	36.4	52.94	16.520	68.23	15.29	150	332	PK	PASS

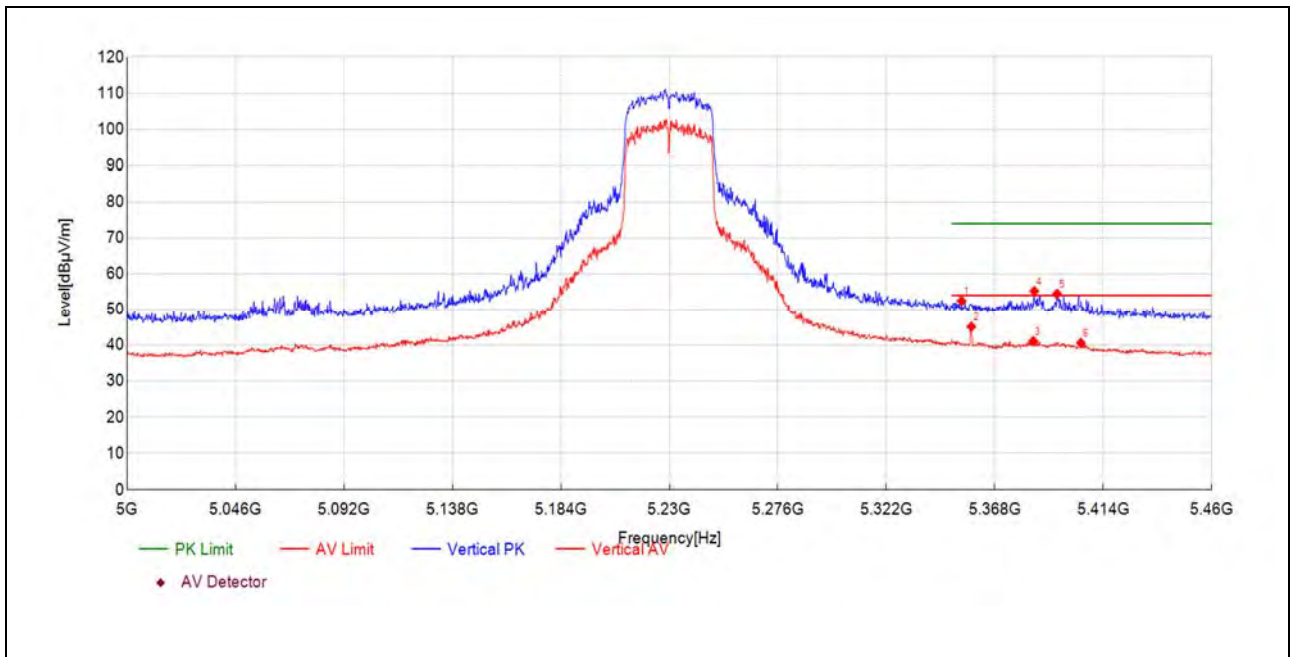
**802.11n (HT40) Mode**

Plot for Channel 38



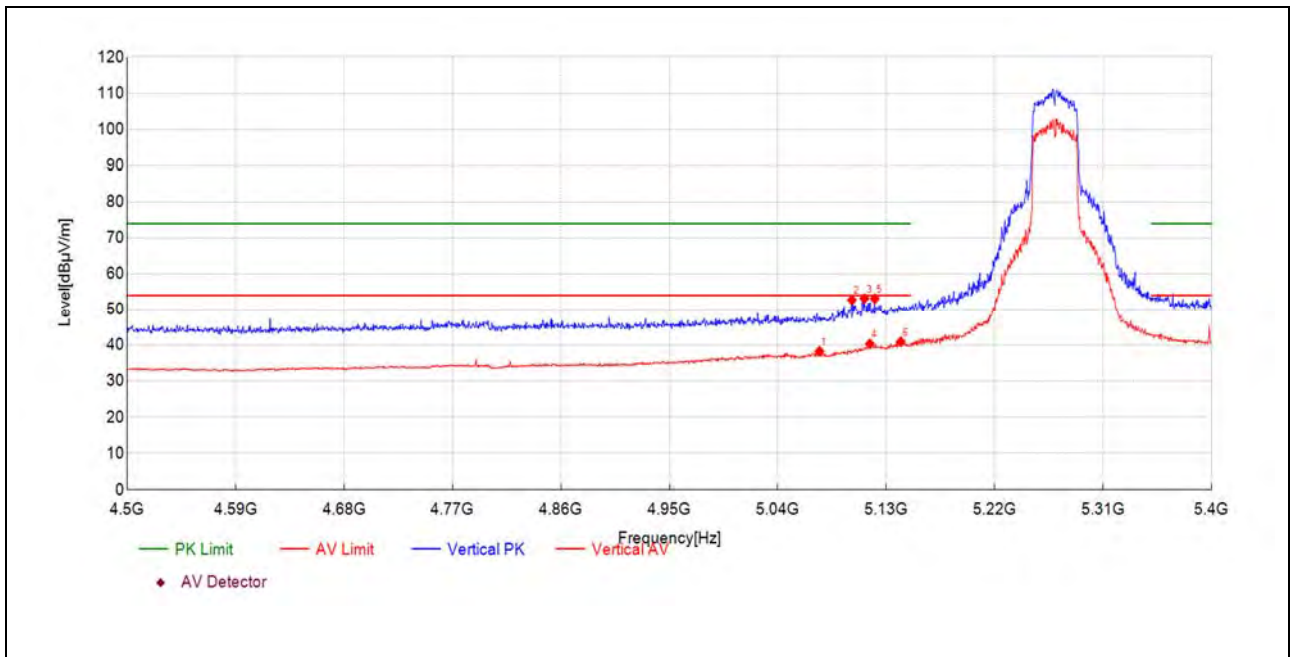
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
4890.35	26.5	38.72	12.270	54.00	15.28	150	187	AV	PASS
5019.11	40.2	53.32	13.160	74.00	20.68	150	30	PK	PASS
5112.76	29.6	43.54	13.910	54.00	10.46	150	25	AV	PASS
5132.57	42.5	56.78	14.280	74.00	17.22	150	30	PK	PASS
5146.97	47.4	61.93	14.540	74.00	12.07	150	298	PK	PASS
5149.22	35.1	49.69	14.580	54.00	4.31	150	304	AV	PASS

Plot for Channel 46



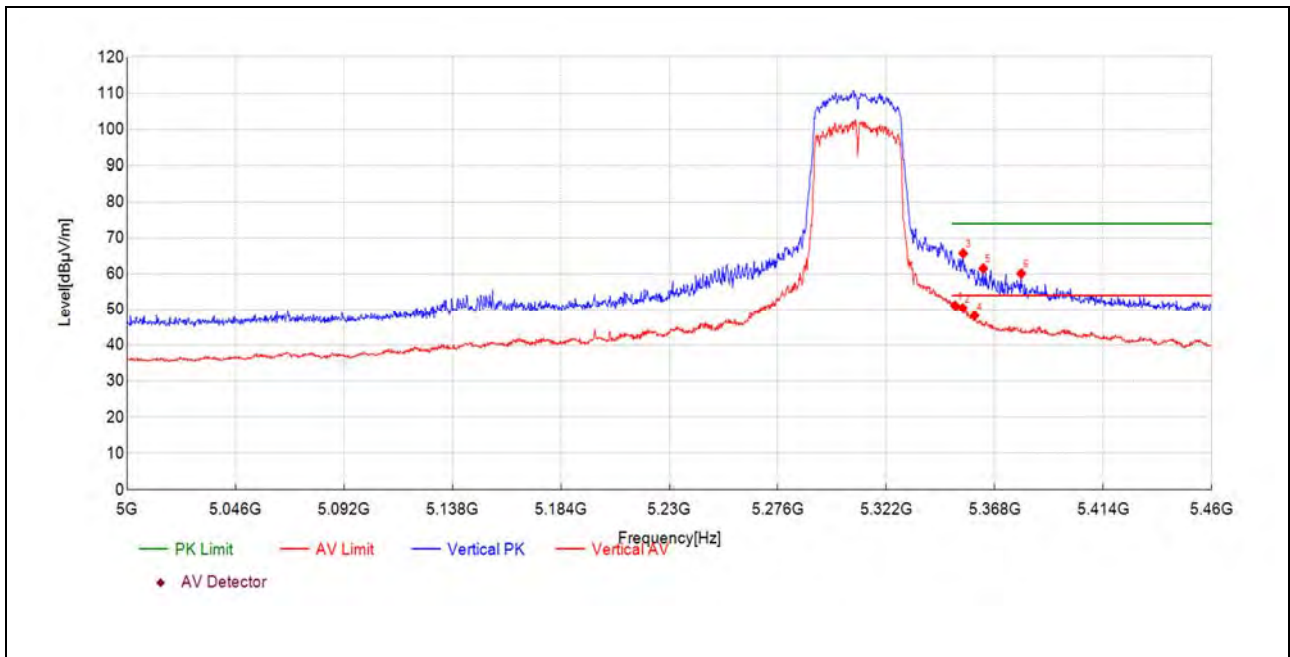
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5353.92	37.5	52.49	15.030	74.00	21.51	150	26	PK	PASS
5358.06	30.1	45.17	15.090	54.00	8.83	150	268	AV	PASS
5384.29	25.7	41.11	15.460	54.00	12.89	150	26	AV	PASS
5384.75	39.8	55.24	15.470	74.00	18.76	150	26	PK	PASS
5394.42	38.9	54.48	15.600	74.00	19.52	150	26	PK	PASS
5404.54	25.0	40.58	15.630	54.00	13.42	150	26	AV	PASS

Plot for Channel 54



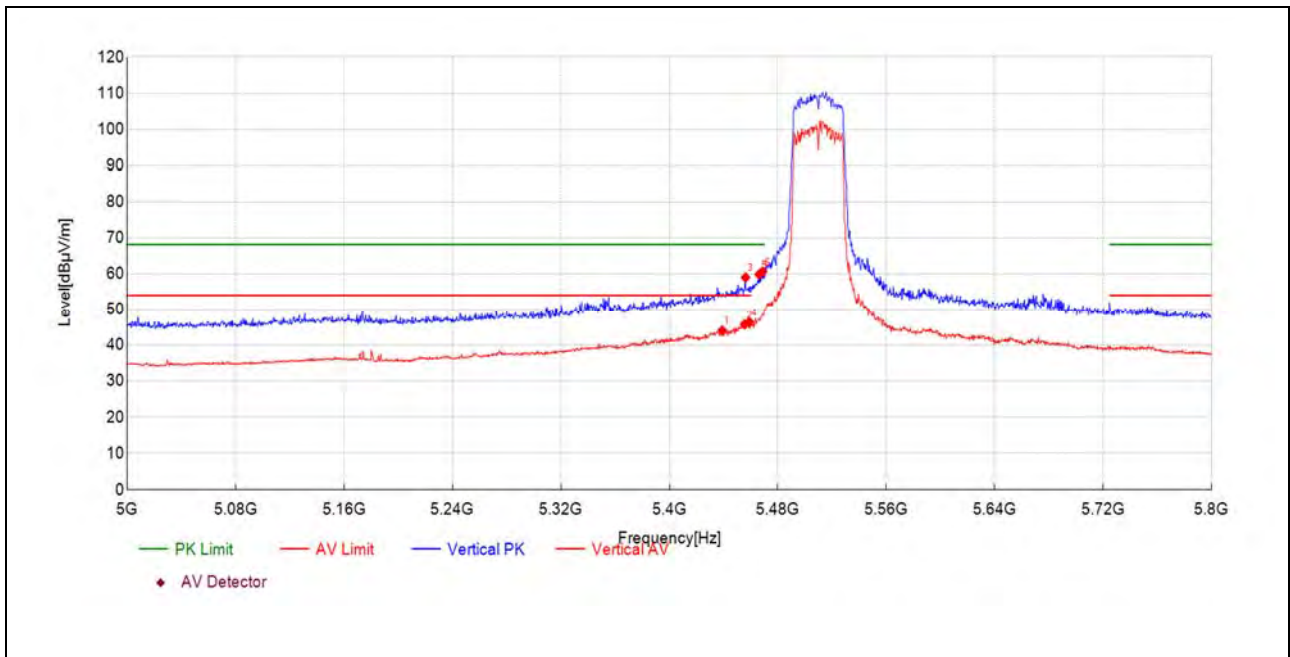
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5074.49	24.8	38.32	13.560	54.00	15.68	150	20	AV	PASS
5101.50	39.1	52.77	13.710	74.00	21.23	150	25	PK	PASS
5111.86	39.3	53.18	13.890	74.00	20.82	150	25	PK	PASS
5116.36	26.4	40.38	13.970	54.00	13.62	150	25	AV	PASS
5120.41	39.1	53.13	14.050	74.00	20.87	150	25	PK	PASS
5142.02	26.6	41.00	14.450	54.00	13.00	150	30	AV	PASS

Plot for Channel 62



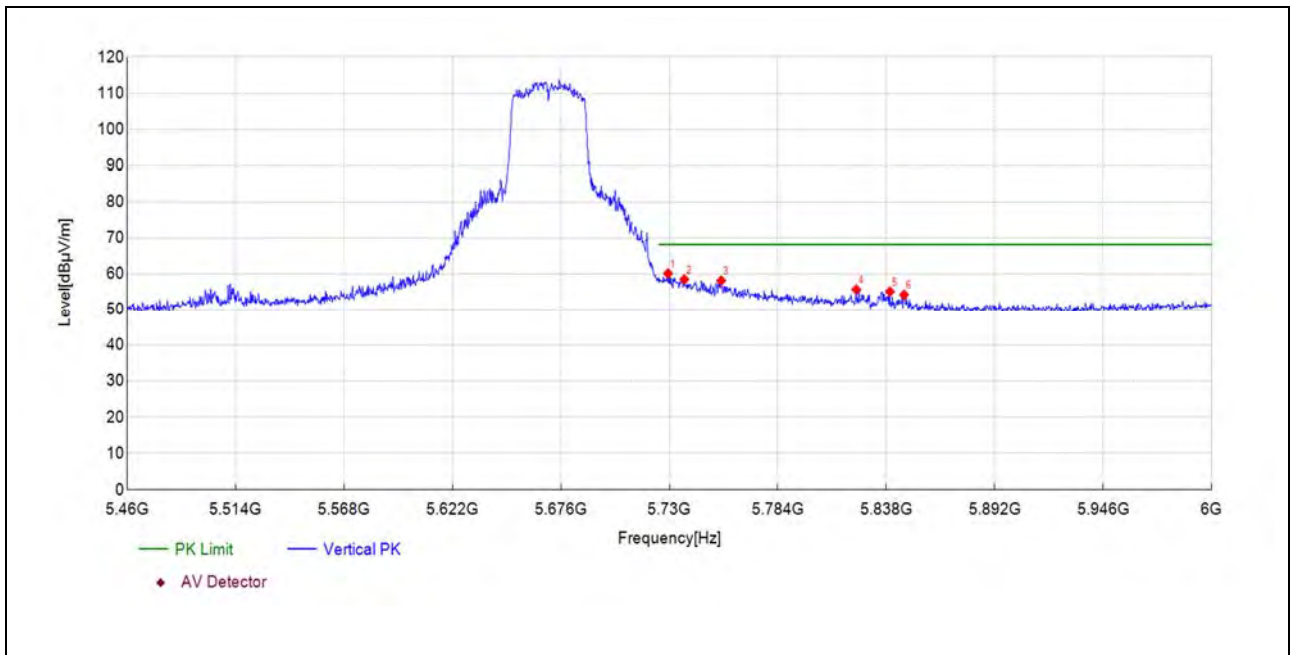
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5351.16	36.2	51.19	15.000	54.00	2.81	150	302	AV	PASS
5354.38	35.4	50.48	15.040	54.00	3.52	150	302	AV	PASS
5354.61	50.7	65.74	15.040	74.00	8.26	150	24	PK	PASS
5359.44	33.2	48.27	15.110	54.00	5.73	150	302	AV	PASS
5363.12	46.4	61.55	15.160	74.00	12.45	150	24	PK	PASS
5379.23	44.8	60.14	15.390	74.00	13.86	150	24	PK	PASS

Plot for Channel 102



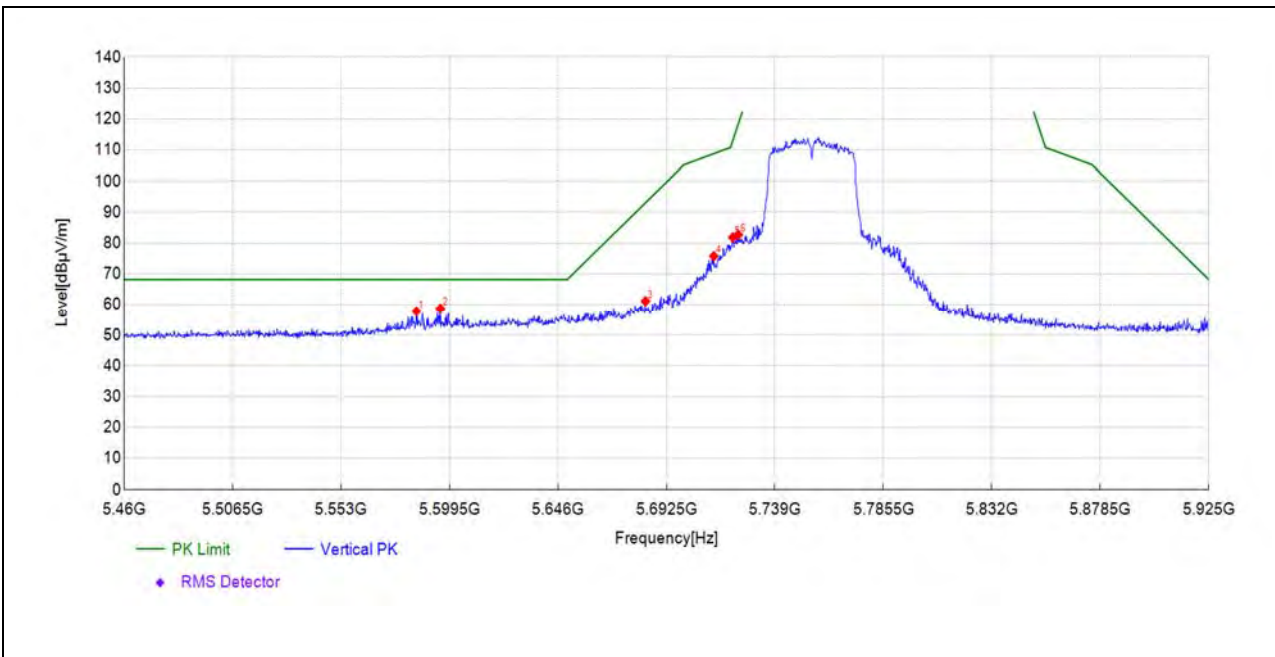
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5439.02	28.9	44.09	15.210	54.00	9.91	150	335	AV	PASS
5455.43	30.7	45.79	15.090	54.00	8.21	150	36	AV	PASS
5456.23	44.0	59.08	15.090	68.23	9.15	150	335	PK	PASS
5459.03	31.3	46.42	15.100	54.00	7.58	150	335	AV	PASS
5466.23	44.8	59.90	15.130	68.23	8.33	150	309	PK	PASS
5468.63	45.5	60.62	15.140	68.23	7.61	150	305	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
5729.32	43.9	60.17	16.250	68.23	8.06	150	30	PK	PASS
5737.43	42.2	58.52	16.280	68.23	9.71	150	25	PK	PASS
5755.80	41.9	58.18	16.260	68.23	10.05	150	30	PK	PASS
5823.06	39.7	55.69	15.980	68.23	12.54	150	25	PK	PASS
5839.81	39.2	55.12	15.970	68.23	13.11	150	25	PK	PASS
5846.83	38.3	54.23	15.970	68.23	14.00	150	30	PK	PASS

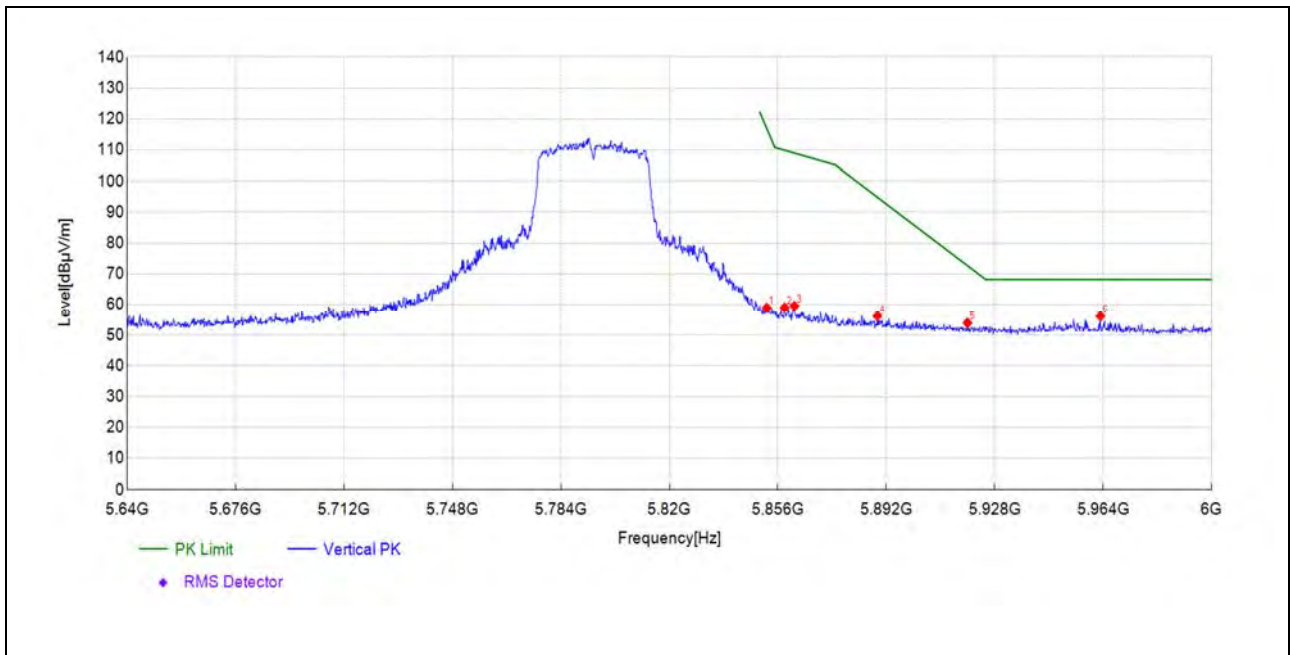
Plot for Channel 151



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5585.38	42.2	57.78	15.630	68.23	10.45	150	37	PK	PASS
5595.62	42.9	58.70	15.820	68.23	9.53	150	33	PK	PASS
5683.54	45.1	61.16	16.070	93.08	31.92	150	37	PK	PASS
5712.85	59.6	75.80	16.220	108.83	33.03	150	29	PK	PASS
5721.00	65.7	81.89	16.240	113.10	31.21	150	29	PK	PASS
5723.32	66.5	82.75	16.240	118.40	35.65	150	33	PK	PASS



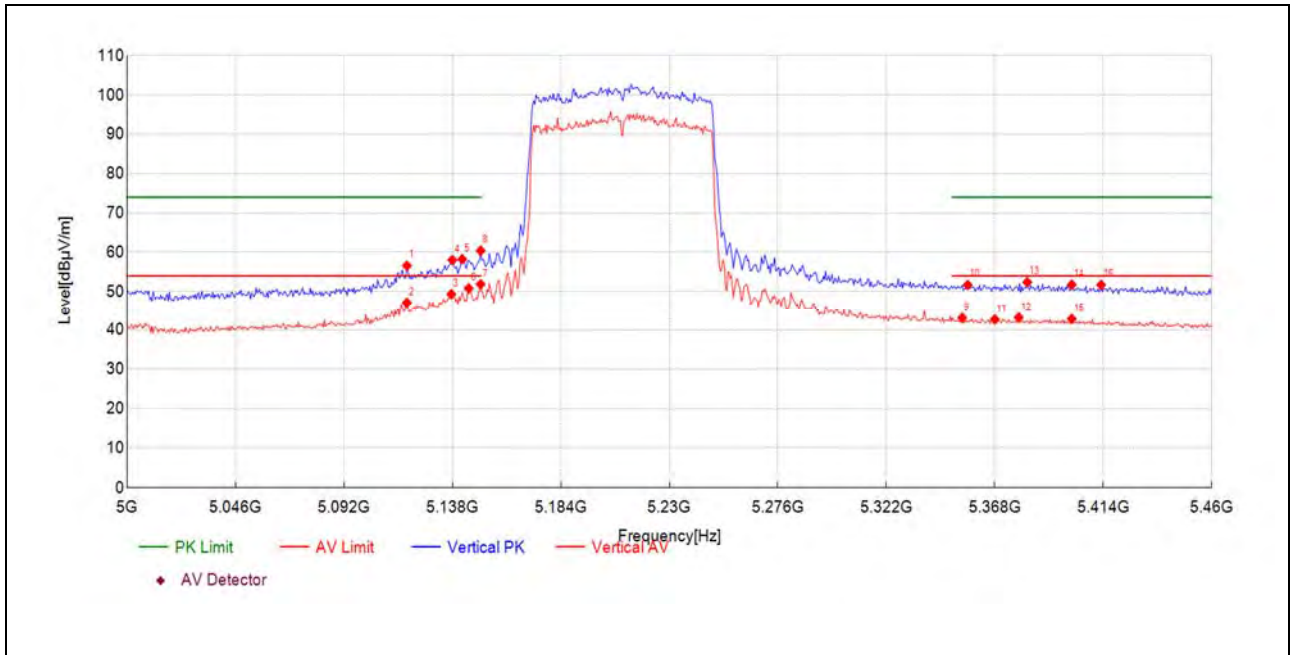
Plot for Channel 159



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5852.33	43.0	58.98	15.980	116.93	57.95	150	30	PK	PASS
5858.27	43.1	59.05	16.000	109.91	50.86	150	26	PK	PASS
5861.51	43.6	59.60	16.020	109.00	49.40	150	54	PK	PASS
5889.06	40.1	56.20	16.110	94.79	38.59	150	26	PK	PASS
5918.96	37.6	53.90	16.300	72.68	18.78	150	49	PK	PASS
5963.08	39.4	56.13	16.710	68.23	12.10	150	35	PK	PASS

**802.11ac (VHT80) Mode**

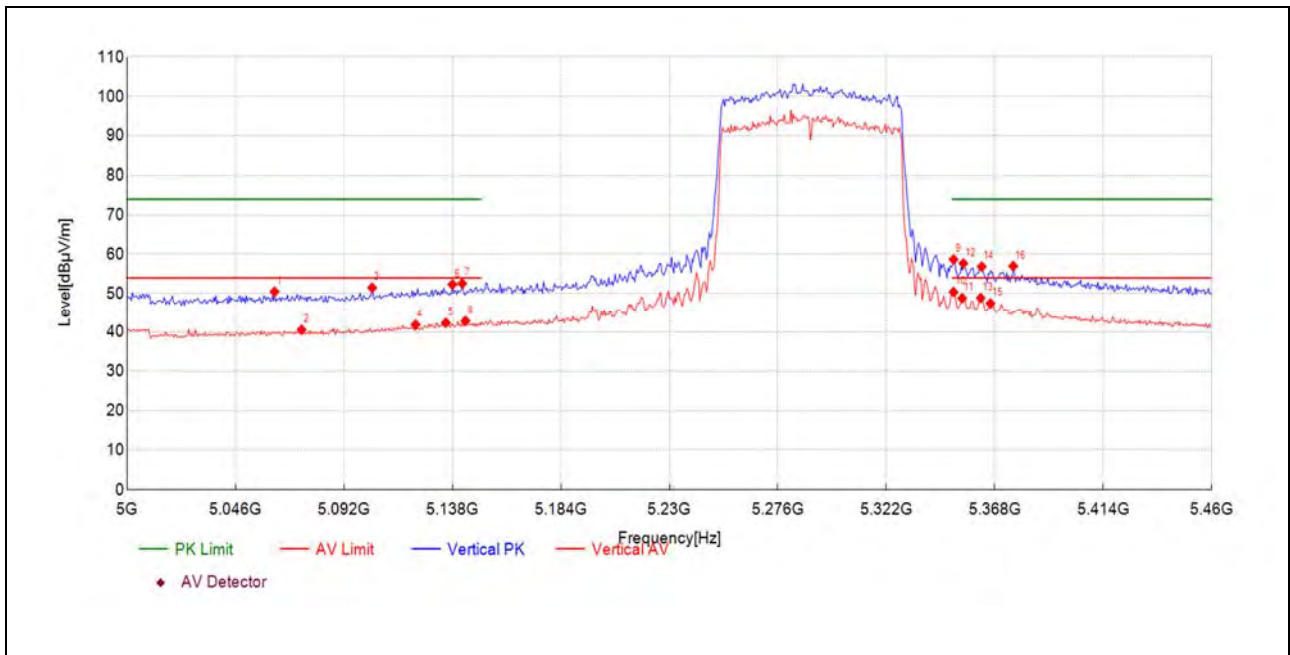
Plot for Channel 42



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5118.68	42.6	56.61	14.020	74.00	17.39	150	299	PK	PASS
5118.68	33.1	47.14	14.020	54.00	6.86	150	304	AV	PASS
5137.54	35.0	49.34	14.370	54.00	4.66	150	304	AV	PASS
5138.00	43.7	58.05	14.370	74.00	15.95	150	304	PK	PASS
5142.14	43.8	58.25	14.450	74.00	15.75	150	29	PK	PASS
5144.90	36.3	50.82	14.500	54.00	3.18	150	24	AV	PASS
5149.96	37.3	51.90	14.590	54.00	2.10	150	24	AV	PASS
5149.96	45.9	60.44	14.590	74.00	13.56	150	24	PK	PASS
5354.20	28.1	43.13	15.040	54.00	10.87	150	279	AV	PASS
5356.50	36.6	51.70	15.070	74.00	22.30	150	333	PK	PASS
5368.00	27.5	42.72	15.230	54.00	11.28	150	279	AV	PASS
5378.12	27.8	43.21	15.370	54.00	10.79	150	333	AV	PASS
5381.80	37.0	52.42	15.430	74.00	21.58	150	309	PK	PASS

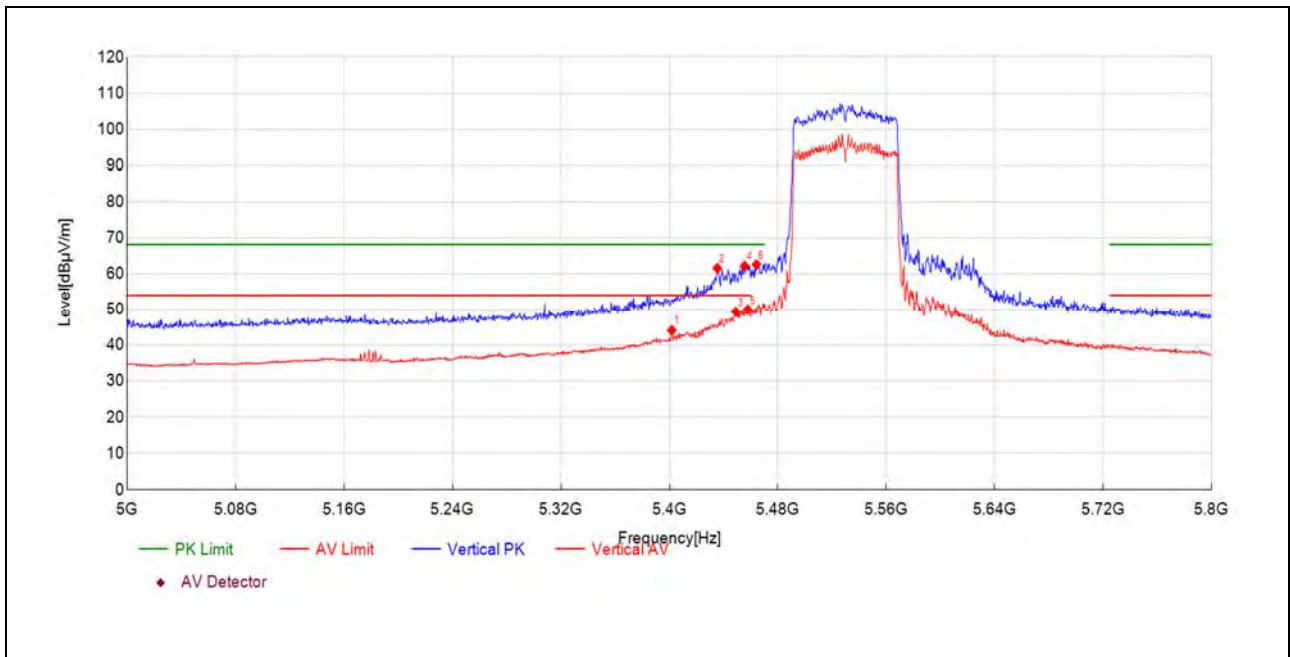


Plot for Channel 58



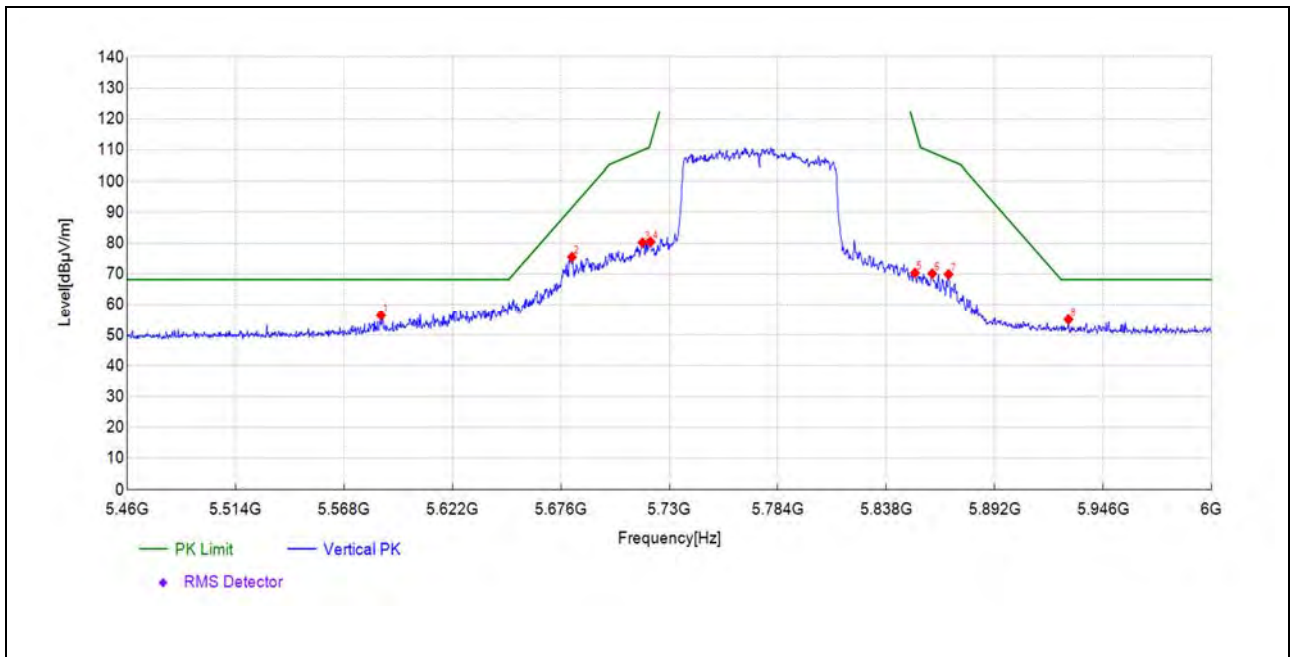
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
5062.56	37.0	50.50	13.500	74.00	23.50	150	16	PK	PASS
5074.06	27.1	40.61	13.550	54.00	13.39	150	21	AV	PASS
5103.96	37.8	51.52	13.750	74.00	22.48	150	357	PK	PASS
5122.36	27.8	41.91	14.080	54.00	12.09	150	0	AV	PASS
5135.24	28.1	42.41	14.320	54.00	11.59	150	357	AV	PASS
5138.00	38.0	52.34	14.370	74.00	21.66	150	21	PK	PASS
5142.14	38.2	52.61	14.450	74.00	21.39	150	16	PK	PASS
5143.52	28.4	42.86	14.470	54.00	11.14	150	16	AV	PASS
5350.52	43.7	58.72	14.990	74.00	15.28	150	26	PK	PASS
5350.52	35.4	50.42	14.990	54.00	3.58	150	306	AV	PASS
5354.20	33.8	48.83	15.040	54.00	5.17	150	357	AV	PASS
5354.66	42.7	57.71	15.050	74.00	16.29	150	276	PK	PASS
5362.02	33.7	48.89	15.150	54.00	5.11	150	331	AV	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
5401.80	28.5	44.19	15.660	54.00	9.81	150	243	AV	PASS
5435.42	46.4	61.64	15.240	68.23	6.59	150	35	PK	PASS
5449.02	34.4	49.45	15.090	54.00	4.55	150	334	AV	PASS
5455.43	47.1	62.23	15.090	68.23	6.00	150	273	PK	PASS
5457.83	34.9	50.03	15.100	54.00	3.97	150	273	AV	PASS
5464.23	47.6	62.68	15.120	68.23	5.55	150	27	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
5586.42	40.8	56.40	15.650	68.23	11.83	150	29	PK	PASS
5681.51	59.5	75.54	16.050	91.58	16.04	150	29	PK	PASS
5716.63	64.0	80.21	16.230	109.89	29.68	150	25	PK	PASS
5720.68	64.2	80.43	16.240	112.38	31.95	150	29	PK	PASS
5852.24	54.4	70.36	15.980	117.13	46.77	150	57	PK	PASS
5860.88	54.2	70.17	16.010	109.18	39.01	150	53	PK	PASS
5868.98	53.9	69.92	16.040	106.91	36.99	150	21	PK	PASS
5928.68	38.6	55.02	16.380	68.23	13.21	150	53	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.

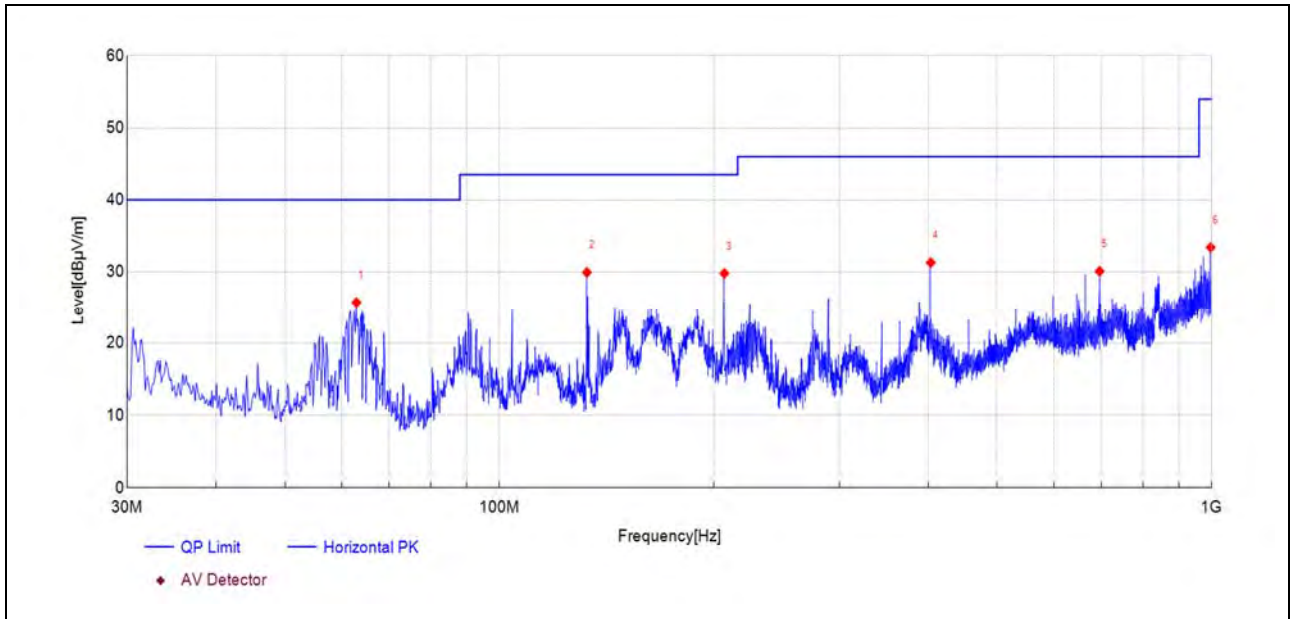
Field strength of fundamental:

Frequency [MHz]	Reading [dB μ V]	Level [dB μ V/m]	Factor [dB/m]	Detector	Antenna Polarity
5180.74	99.9	113.91	13.990	PK	Vertical

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

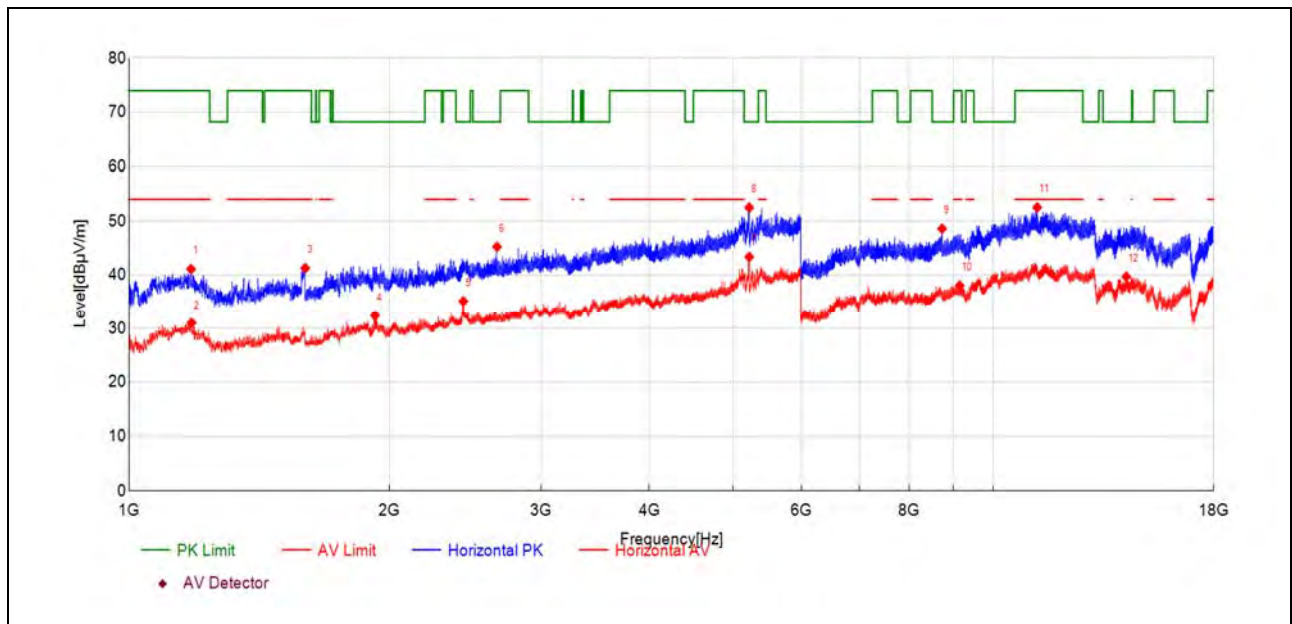
**802.11a Mode**

Plot for Channel 44



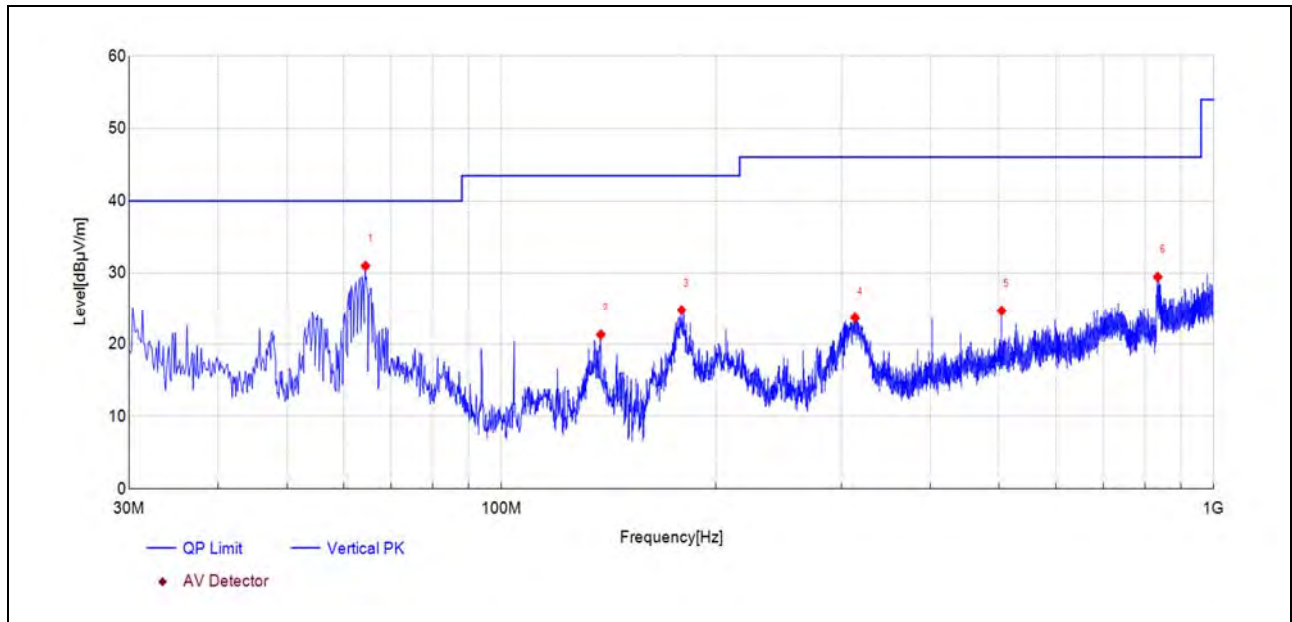
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
62.98	54.8	25.75	-29.010	40.00	14.25	150	30	PK	PASS
132.70	61.9	29.95	-31.970	43.50	13.55	150	10	PK	PASS
206.90	59.3	29.81	-29.440	43.50	13.69	150	20	PK	PASS
403.21	54.2	31.31	-22.860	46.00	14.69	150	210	PK	PASS
696.03	45.7	30.10	-15.590	46.00	15.90	150	220	PK	PASS
996.73	44.0	33.41	-10.570	54.00	20.59	150	210	PK	PASS



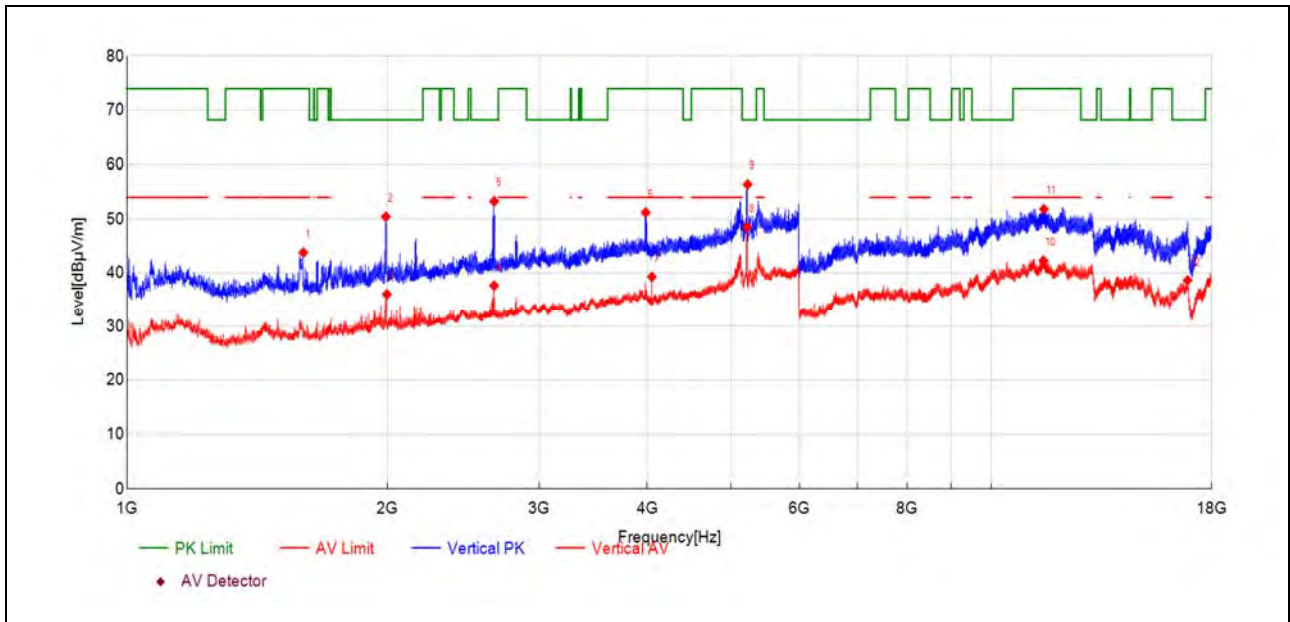
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1179.66	42.4	41.11	-1.300	74.00	32.89	150	200	PK	PASS
1181.44	32.3	31.02	-1.270	54.00	22.98	150	220	AV	PASS
1599.33	41.7	41.29	-0.380	74.00	32.71	150	40	PK	PASS
1926.14	30.2	32.38	2.210	-	-	150	170	AV	NA
2437.60	29.1	35.13	5.990	-	-	150	100	AV	NA
2666.19	38.9	45.24	6.340	68.23	22.99	150	220	PK	PASS
5220.66	26.9	43.36	16.420	-	-	150	280	AV	NA
5220.66	36.1	52.50	16.420	68.23	15.73	150	20	PK	PASS
8727.14	42.2	48.59	6.380	68.23	19.64	150	350	PK	PASS
9147.76	31.2	38.05	6.880	54.00	15.95	150	270	AV	PASS
11247.86	39.0	52.53	13.500	74.00	21.47	150	320	PK	PASS
14259.41	26.0	39.71	13.750	-	-	150	90	AV	NA



(Antenna Vertical, 30MHz to 1GHz)

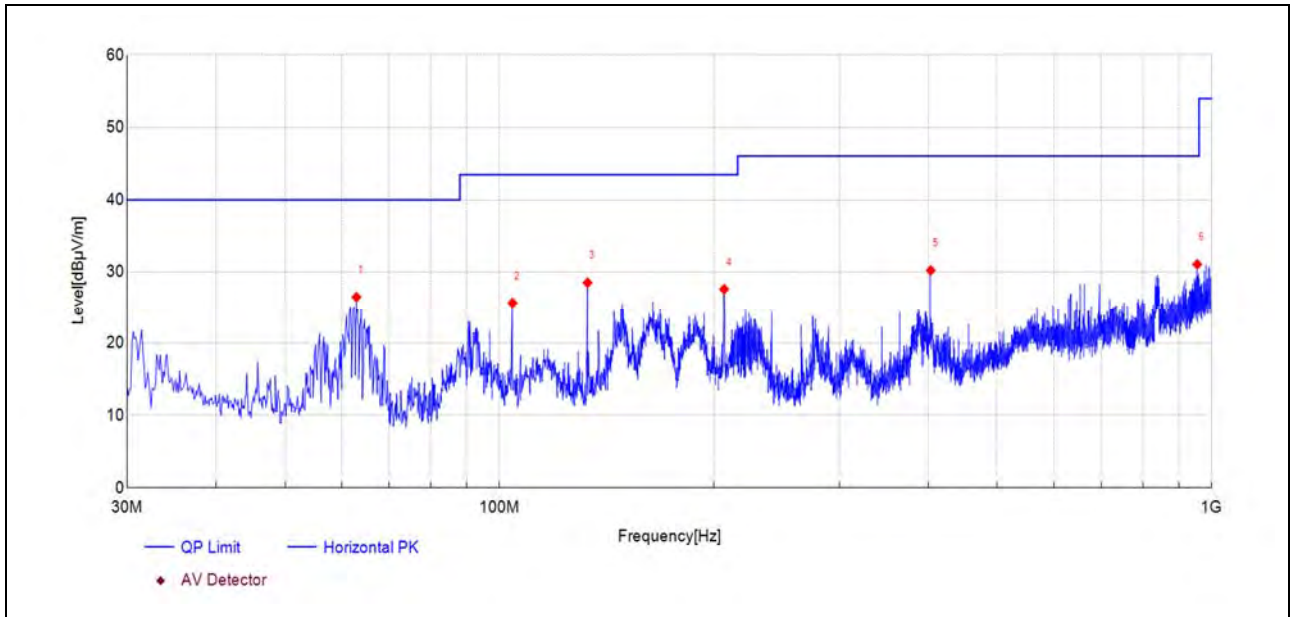
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
64.44	60.2	30.98	-29.220	40.00	9.02	150	160	PK	PASS
137.91	53.5	21.34	-32.140	43.50	22.16	150	10	PK	PASS
179.02	55.2	24.81	-30.370	43.50	18.69	150	350	PK	PASS
313.60	49.3	23.70	-25.610	46.00	22.30	150	250	PK	PASS
503.97	45.2	24.71	-20.470	46.00	21.29	150	80	PK	PASS
834.37	43.3	29.47	-13.830	46.00	16.53	150	260	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

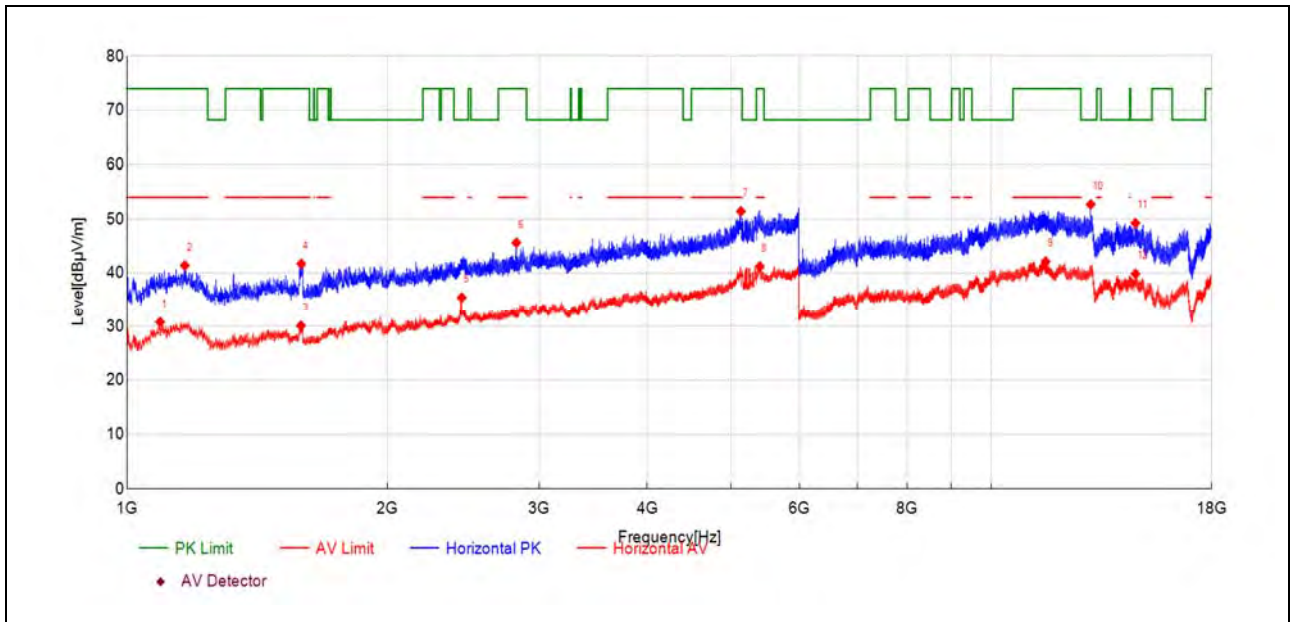
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1599.69	44.2	43.81	-0.380	74.00	30.19	150	22	PK	PASS
1993.29	47.6	50.43	2.790	68.23	17.80	150	114	PK	PASS
1998.64	33.2	36.07	2.830	-	-	150	108	AV	NA
2659.76	31.3	37.66	6.370	-	-	150	114	AV	NA
2660.12	46.9	53.30	6.370	68.23	14.93	150	120	PK	PASS
3983.78	39.7	51.21	11.540	74.00	22.79	150	63	PK	PASS
4050.22	28.1	39.31	11.230	54.00	14.69	150	120	AV	PASS
5220.66	32.1	48.51	16.420	-	-	150	303	AV	NA
5226.37	39.9	56.41	16.500	68.23	11.82	150	303	PK	NA
11496.87	28.0	42.30	14.310	54.00	11.70	150	87	AV	PASS
11510.68	37.6	51.83	14.280	74.00	22.17	150	2	PK	PASS
16879.74	23.6	38.66	15.110	-	-	150	244	AV	NA

Plot for Channel 60



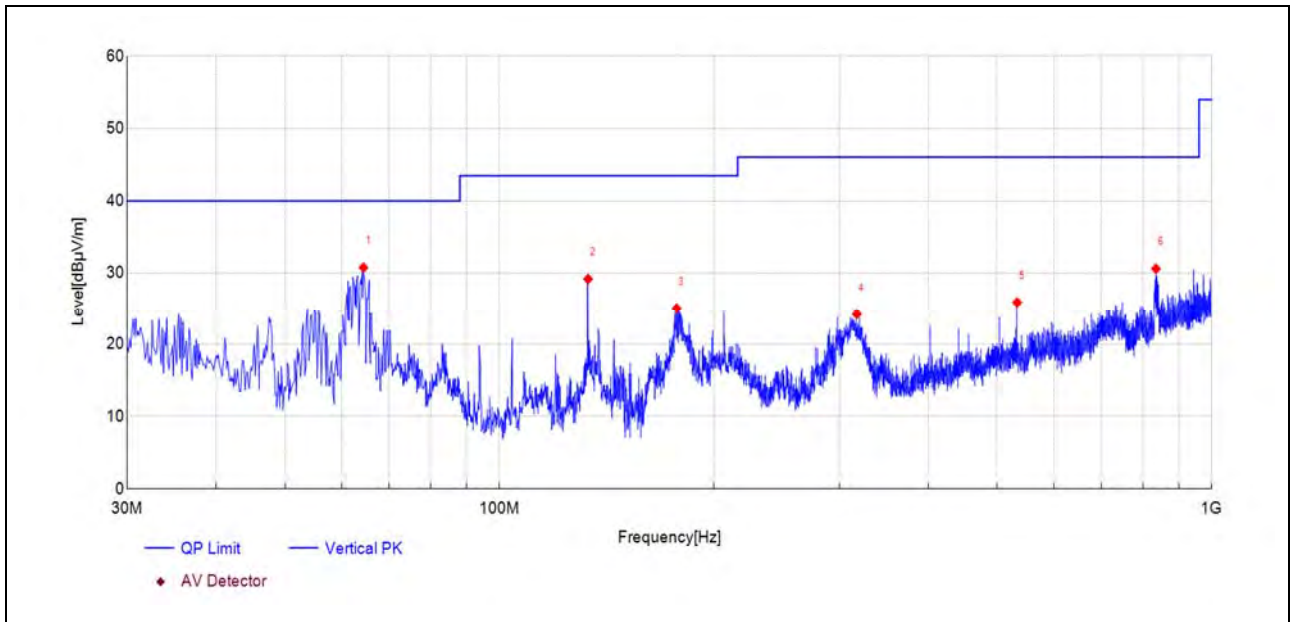
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
62.98	55.5	26.51	-29.010	40.00	13.49	150	60	PK	PASS
104.33	55.2	25.68	-29.510	43.50	17.82	150	150	PK	PASS
132.94	60.4	28.51	-31.870	43.50	14.99	150	300	PK	PASS
206.78	57.1	27.62	-29.430	43.50	15.88	150	330	PK	PASS
403.21	53.1	30.24	-22.860	46.00	15.76	150	20	PK	PASS
954.17	42.6	31.08	-11.540	46.00	14.92	150	280	PK	PASS



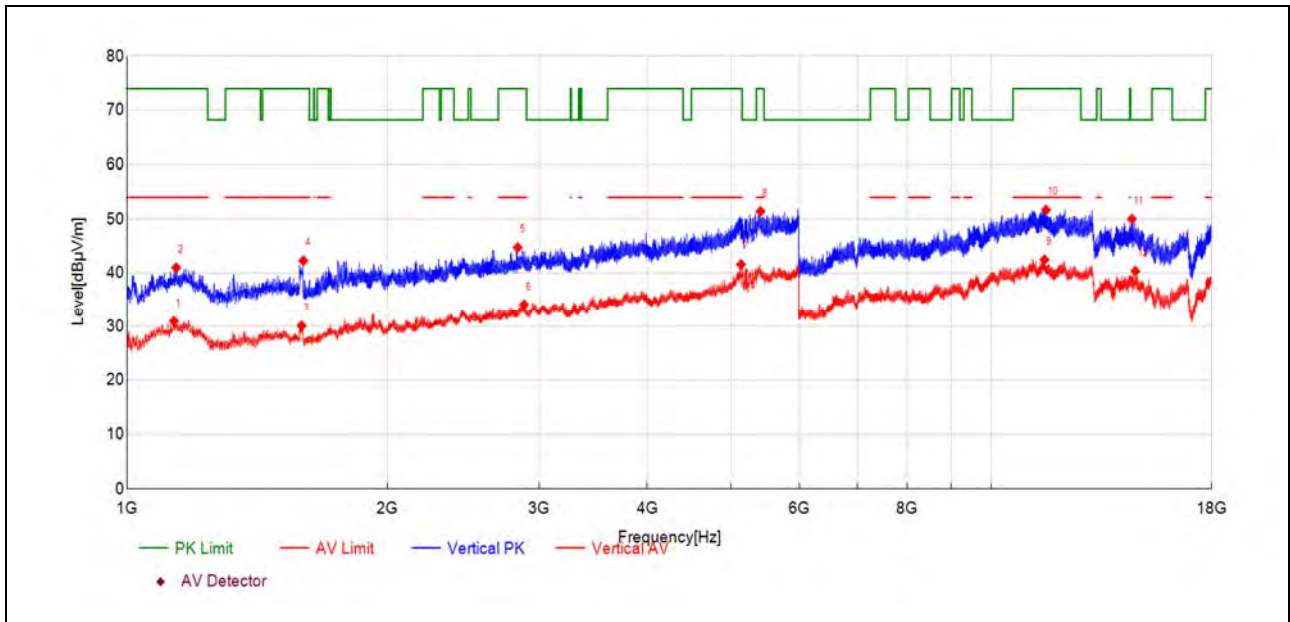
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1092.15	33.0	30.79	-2.230	54.00	23.21	150	70	AV	PASS
1166.44	42.9	41.41	-1.530	74.00	32.59	150	310	PK	PASS
1589.33	30.6	30.10	-0.480	54.00	23.90	150	70	AV	PASS
1591.11	42.2	41.71	-0.460	74.00	32.29	150	190	PK	PASS
2439.75	29.4	35.45	6.020	-	-	150	110	AV	NA
2822.27	38.4	45.61	7.170	74.00	28.39	150	210	PK	PASS
5133.87	34.7	51.43	16.720	74.00	22.57	150	110	PK	PASS
5398.53	23.1	41.22	18.170	54.00	12.78	150	60	AV	PASS
11564.08	28.0	42.13	14.140	54.00	11.87	150	350	AV	PASS
13038.35	37.7	52.72	15.050	68.23	15.51	150	190	PK	PASS
14687.83	33.8	49.26	15.420	68.23	18.97	150	170	PK	PASS
14692.63	24.5	39.87	15.410	-	-	150	170	AV	NA



(Antenna Vertical, 30MHz to 1GHz)

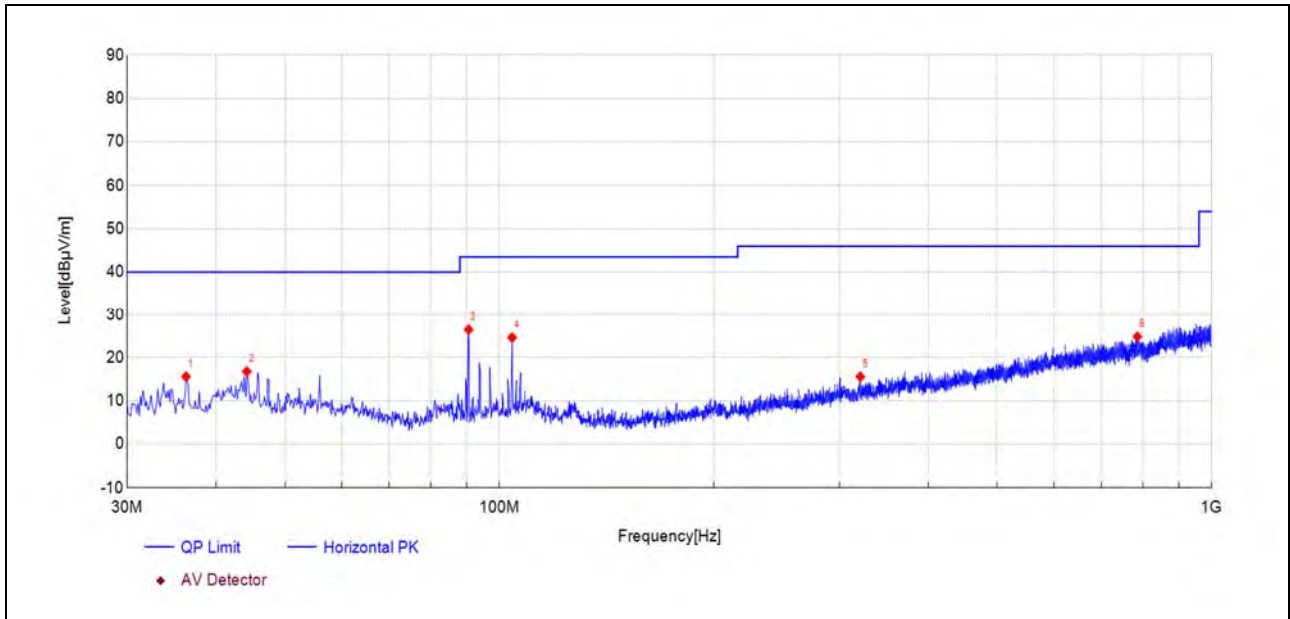
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
64.44	60.0	30.76	-29.220	40.00	9.24	150	220	PK	PASS
133.18	61.1	29.18	-31.880	43.50	14.32	150	300	PK	PASS
177.32	55.6	25.05	-30.580	43.50	18.45	150	310	PK	PASS
317.48	49.6	24.22	-25.340	46.00	21.78	150	350	PK	PASS
533.19	44.9	25.91	-19.020	46.00	20.09	150	330	PK	PASS
835.10	44.3	30.60	-13.740	46.00	15.40	150	210	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

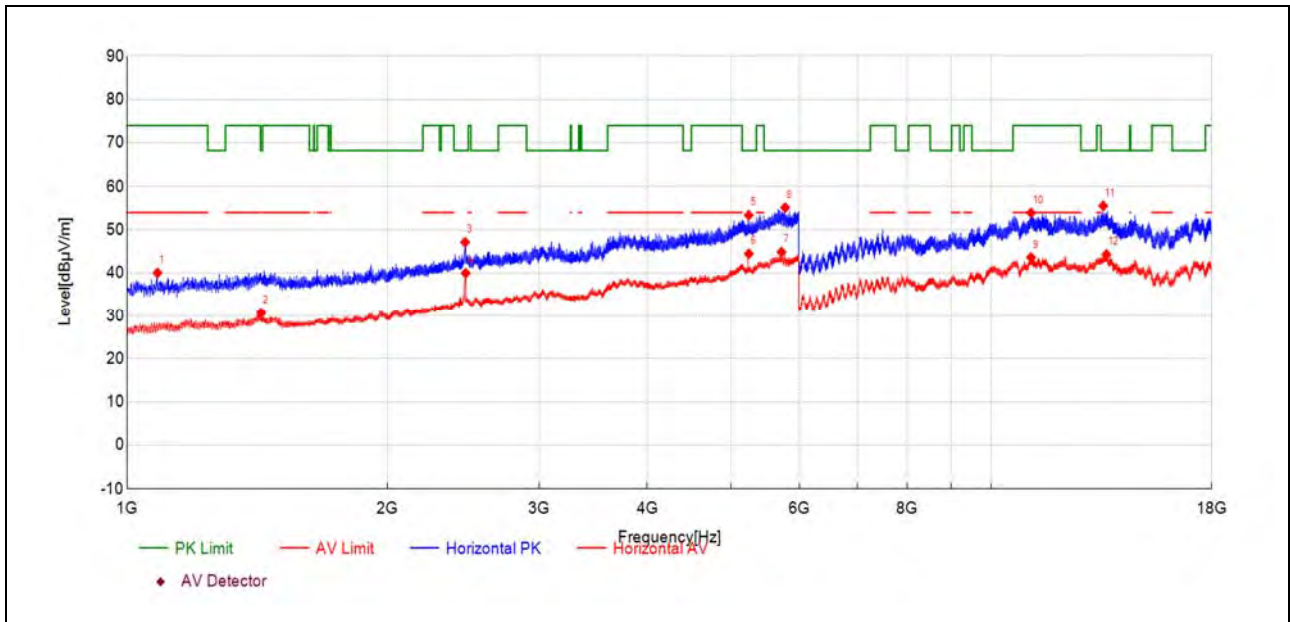
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1133.22	32.9	30.95	-1.920	54.00	23.05	150	60	AV	PASS
1140.01	42.9	41.00	-1.880	74.00	33.00	150	350	PK	PASS
1592.54	30.6	30.10	-0.450	54.00	23.90	150	210	AV	PASS
1599.69	42.7	42.30	-0.380	74.00	31.70	150	80	PK	PASS
2831.92	37.4	44.73	7.310	74.00	29.27	150	70	PK	PASS
2880.49	26.6	34.11	7.550	54.00	19.89	150	210	AV	PASS
5135.30	24.9	41.62	16.750	54.00	12.38	150	300	AV	PASS
5408.17	33.3	51.42	18.080	74.00	22.58	150	310	PK	PASS
11528.08	28.3	42.49	14.240	54.00	11.51	150	40	AV	PASS
11576.08	37.6	51.69	14.120	74.00	22.31	150	350	PK	PASS
14551.63	35.0	50.02	15.010	68.23	18.21	150	190	PK	PASS
14688.43	25.0	40.36	15.410	-	-	150	50	AV	PASS

Plot for Channel 116



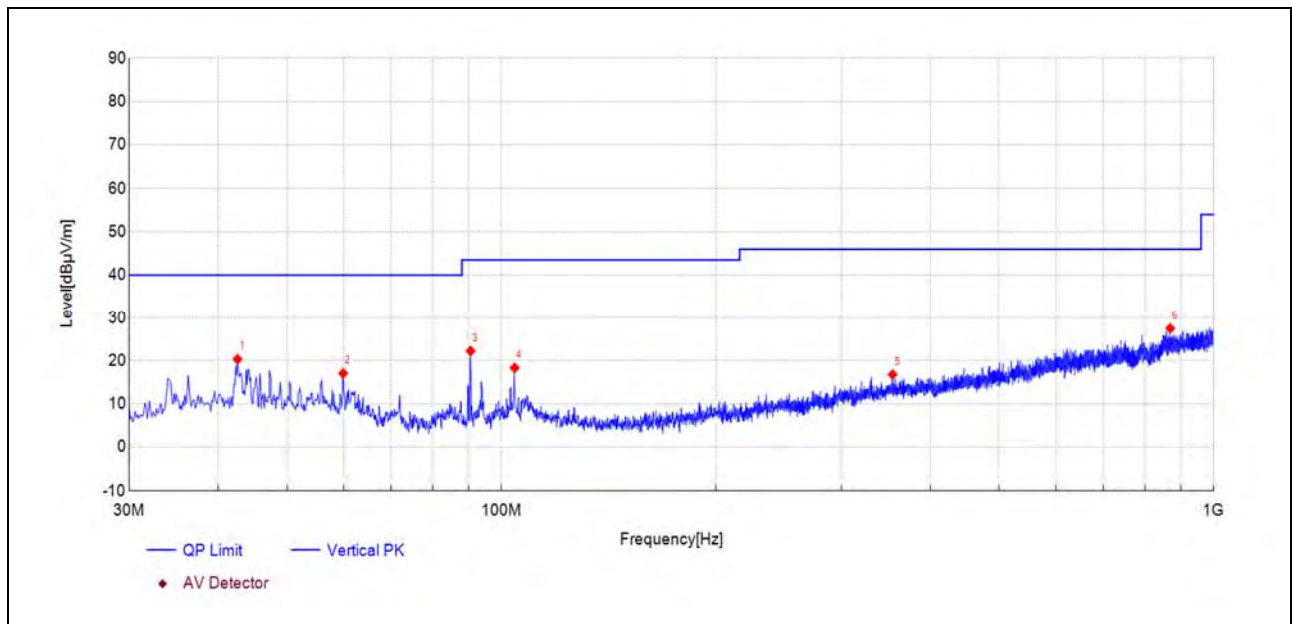
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
36.31	45.1	15.60	-29.500	40.00	24.40	150	80	PK	PASS
44.19	44.6	16.77	-27.870	40.00	23.23	150	80	PK	PASS
90.51	57.9	26.47	-31.460	43.50	17.03	150	280	PK	PASS
104.21	54.2	24.64	-29.560	43.50	18.86	150	210	PK	PASS
321.16	40.5	15.57	-24.930	46.00	30.43	150	340	PK	PASS
786.45	39.8	24.83	-14.980	46.00	21.17	150	180	PK	PASS



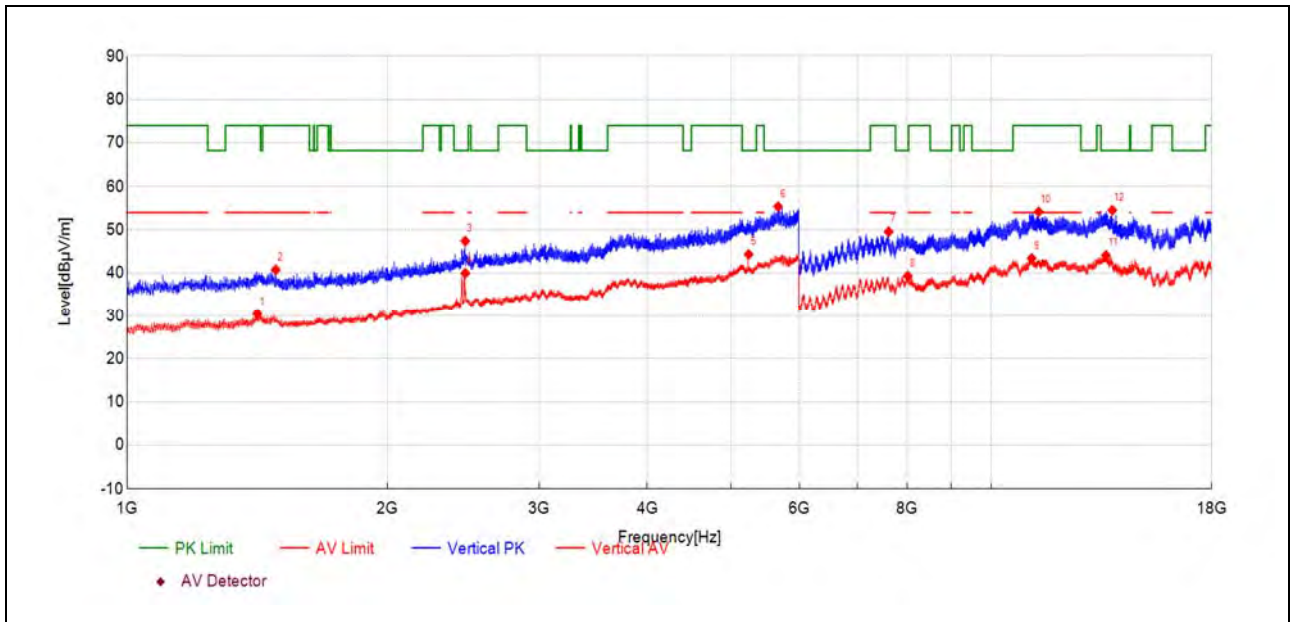
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1084.65	42.3	40.05	-2.290	74.00	33.95	150	80	PK	PASS
1430.03	30.4	30.68	0.280	-	-	150	290	AV	NA
2461.89	40.6	47.14	6.550	68.23	21.09	150	170	PK	PASS
2465.46	33.4	39.99	6.560	-	-	150	180	AV	NA
5241.02	36.9	53.40	16.530	68.23	14.83	150	280	PK	PASS
5243.52	27.9	44.48	16.570	-	-	150	230	AV	NA
5720.69	25.4	44.88	19.450	-	-	150	320	AV	NA
5775.34	36.0	55.16	19.130	68.23	13.07	150	210	PK	PASS
11120.66	30.1	43.63	13.530	54.00	10.37	150	80	AV	PASS
11120.66	40.4	53.95	13.530	74.00	20.05	150	0	PK	PASS
13479.37	38.7	55.58	16.930	68.23	12.65	150	320	PK	PASS
13595.18	27.2	44.31	17.110	-	-	150	90	AV	NA



(Antenna Vertical, 30MHz to 1GHz)

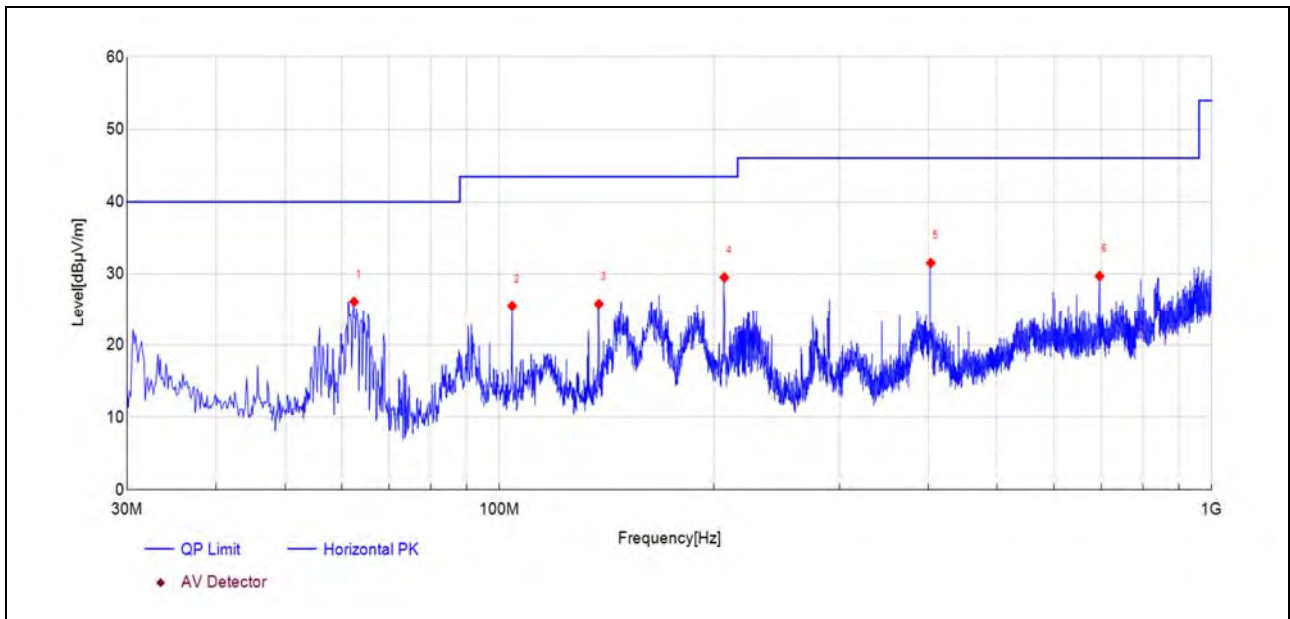
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
42.61	48.6	20.32	-28.280	40.00	19.68	150	10	PK	PASS
59.95	45.6	17.08	-28.540	40.00	22.92	150	70	PK	PASS
90.51	53.7	22.23	-31.460	43.50	21.27	150	90	PK	PASS
104.34	47.8	18.33	-29.500	43.50	25.17	150	130	PK	PASS
354.14	40.5	16.79	-23.670	46.00	29.21	150	230	PK	PASS
869.03	39.9	27.48	-12.440	46.00	18.52	150	100	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

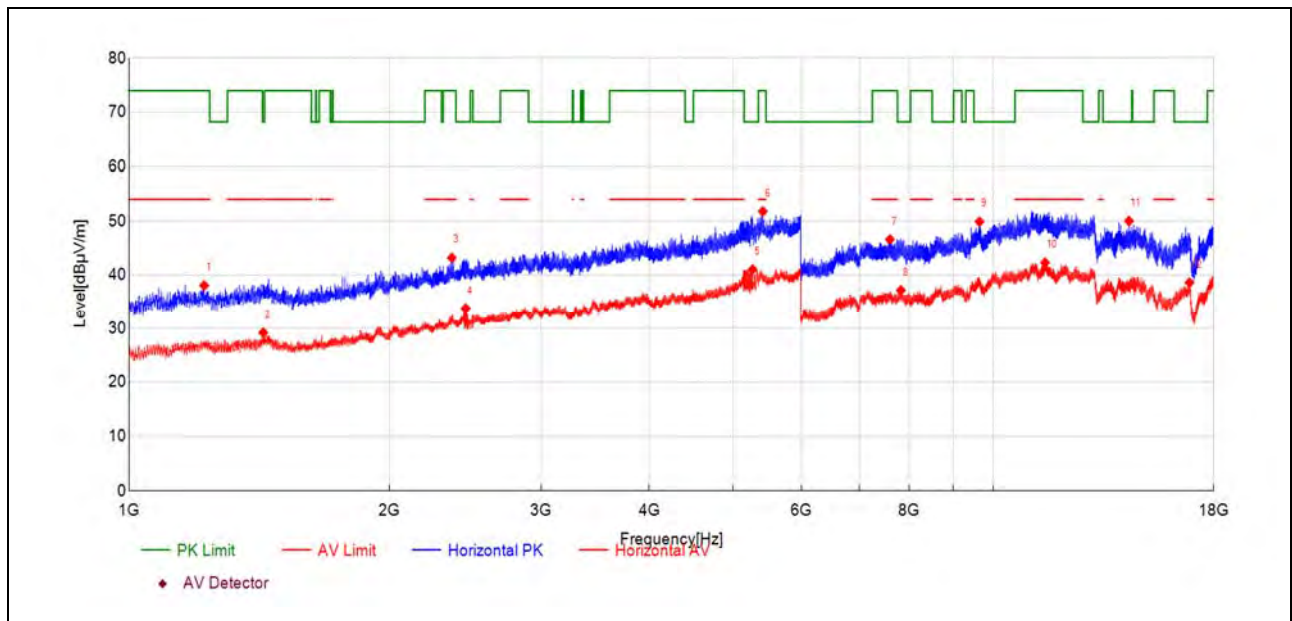
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1415.03	30.3	30.44	0.160	54.00	23.56	150	300	AV	PASS
1486.11	40.8	40.78	-0.040	74.00	33.22	150	300	PK	PASS
2462.60	40.9	47.43	6.550	68.23	20.80	150	170	PK	PASS
2462.96	33.4	39.97	6.550	-	-	150	160	AV	NA
5240.30	27.8	44.34	16.510	-	-	150	100	AV	NA
5666.76	36.4	55.39	19.020	68.23	12.84	150	340	PK	PASS
7609.28	44.1	49.59	5.540	74.00	24.41	150	250	PK	PASS
8008.90	33.5	39.32	5.810	-	-	150	210	AV	NA
11139.86	29.9	43.42	13.520	54.00	10.58	150	330	AV	PASS
11349.87	40.5	54.19	13.670	74.00	19.81	150	210	PK	PASS
13579.58	27.0	44.13	17.100	-	-	150	200	AV	NA
13810.59	37.6	54.56	16.930	68.23	13.67	150	100	PK	PASS

Plot for Channel 157



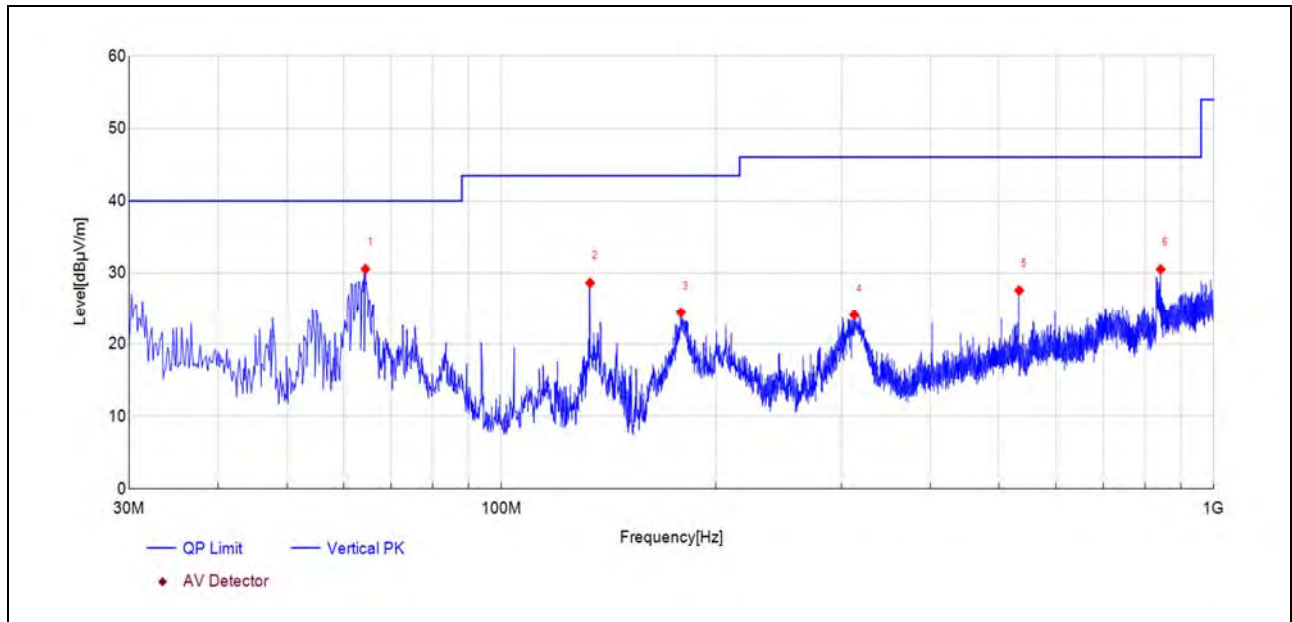
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
62.50	54.9	26.15	-28.780	40.00	13.85	150	230	PK	PASS
104.21	55.1	25.56	-29.570	43.50	17.94	150	180	PK	PASS
137.91	58.0	25.83	-32.140	43.50	17.67	150	110	PK	PASS
206.90	59.0	29.52	-29.440	43.50	13.98	150	320	PK	PASS
403.21	54.4	31.55	-22.860	46.00	14.45	150	120	PK	PASS
696.03	45.3	29.72	-15.590	46.00	16.28	150	350	PK	PASS



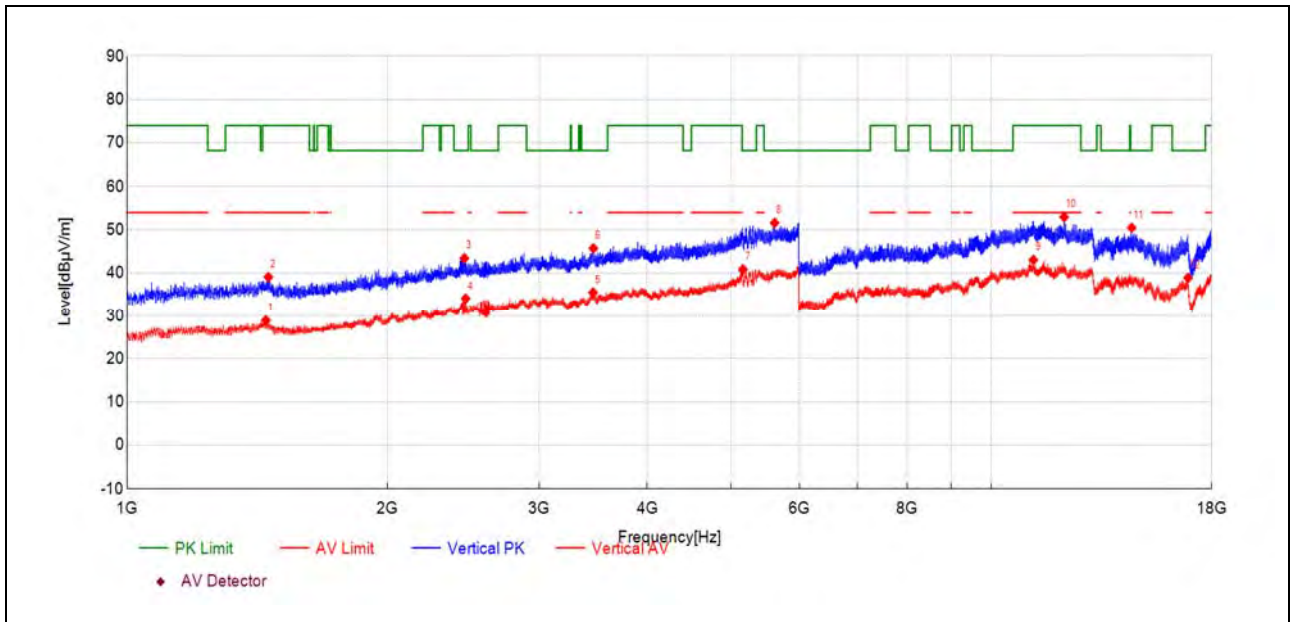
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1221.80	39.2	38.07	-1.140	74.00	35.93	150	190	PK	PASS
1430.03	29.1	29.20	0.130	-	-	150	190	AV	NA
2363.67	38.0	43.22	5.200	74.00	30.78	150	240	PK	PASS
2452.60	27.6	33.79	6.180	-	-	150	60	AV	NA
5268.52	24.2	41.05	16.820	-	-	150	320	AV	NA
5413.89	33.8	51.78	18.000	74.00	22.22	150	180	PK	PASS
7595.48	41.7	46.59	4.880	74.00	27.41	150	270	PK	PASS
7821.09	32.3	37.19	4.890	-	-	150	170	AV	NA
9643.38	40.5	49.89	9.420	68.23	18.34	150	280	PK	PASS
11481.27	28.0	42.31	14.280	54.00	11.69	150	190	AV	PASS
14362.02	36.3	50.03	13.750	68.23	18.20	150	170	PK	PASS
16875.54	23.5	38.59	15.080	-	-	150	30	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
64.44	59.8	30.55	-29.220	40.00	9.45	150	10	PK	PASS
133.18	60.5	28.63	-31.880	43.50	14.87	150	160	PK	PASS
178.65	55.0	24.46	-30.580	43.50	19.04	150	20	PK	PASS
312.88	49.7	24.09	-25.570	46.00	21.91	150	110	PK	PASS
533.19	46.6	27.59	-19.020	46.00	18.41	150	220	PK	PASS
842.50	44.3	30.52	-13.740	46.00	15.48	150	120	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
1447.53	28.6	28.89	0.270	54.00	25.11	150	210	AV	PASS
1457.18	38.9	39.10	0.190	74.00	34.90	150	170	PK	PASS
2457.25	37.3	43.45	6.170	68.23	24.78	150	200	PK	PASS
2465.46	27.9	34.07	6.160	-	-	150	200	AV	NA
3461.96	25.8	35.49	9.710	-	-	150	120	AV	NA
3465.18	36.0	45.72	9.700	68.23	22.51	150	220	PK	PASS
5161.37	24.0	40.85	16.830	-	-	150	330	AV	NA
5615.69	33.5	51.63	18.120	68.23	16.60	150	60	PK	PASS
11192.66	29.2	43.06	13.870	54.00	10.94	150	0	AV	PASS
12147.31	38.3	52.99	14.700	74.00	21.01	150	210	PK	PASS
14542.63	35.6	50.49	14.900	68.23	17.74	150	110	PK	PASS
16897.14	23.6	38.89	15.270	-	-	150	100	AV	NA

————— END OF REPORT —————