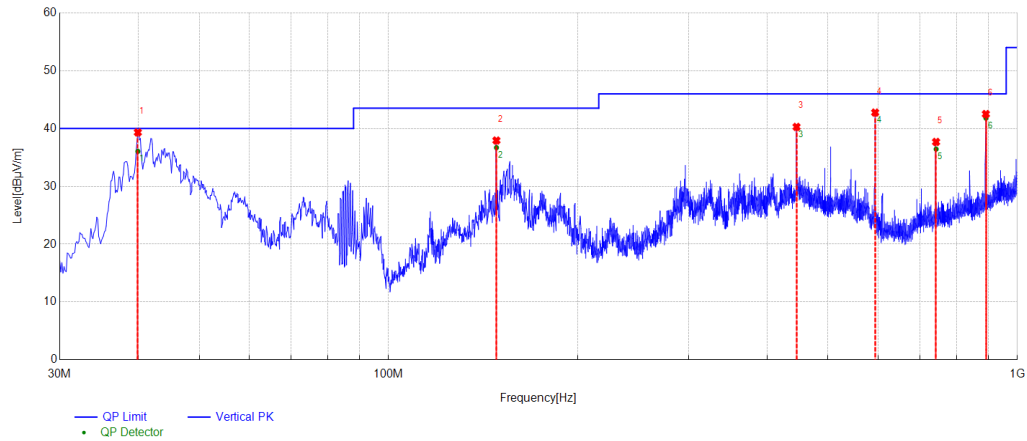


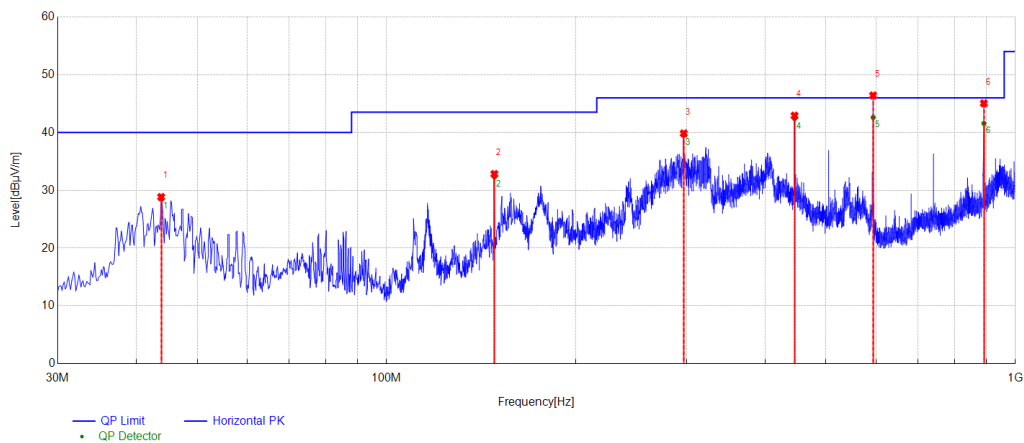
Appendix H: Unwant Emissions

Test Result

Mode:	11a-5745
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QP Final Data List									
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	39.9425	-15.89	36.05	40.00	3.95	100	263	Vertical	PASS
2	148.4612	-15.99	36.69	43.50	6.81	100	243	Vertical	PASS
3	445.5238	-12.12	40.25	46.00	5.75	100	181	Vertical	PASS
4	594.0550	-8.89	42.73	46.00	3.27	100	271	Vertical	PASS
5	742.5862	-6.10	36.44	46.00	9.56	100	53	Vertical	PASS
6	891.1175	-2.99	41.80	46.00	4.20	100	119	Vertical	PASS

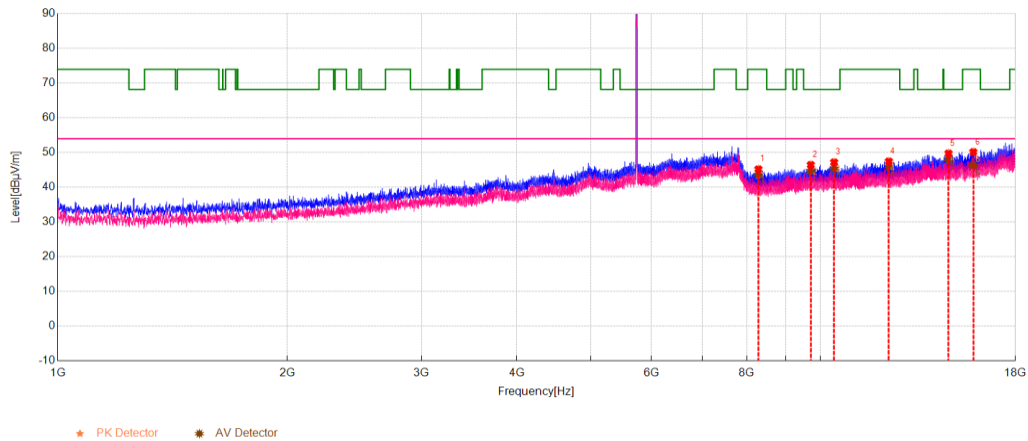


QP Final Data List									
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	43.8225	-15.92	28.59	40.00	11.41	100	10	Horizontal	PASS
2	148.4612	-15.99	32.33	43.50	11.17	100	10	Horizontal	PASS
3	296.9925	-15.93	39.59	46.00	6.41	100	112	Horizontal	PASS
4	445.5238	-12.12	42.41	46.00	3.59	100	305	Horizontal	PASS
5	594.0550	-8.89	42.61	46.00	3.39	100	297	Horizontal	PASS
6	891.1175	-2.99	41.58	46.00	4.42	100	131	Horizontal	PASS

The same format, the same bandwidth, only the mode with the highest power was tested.

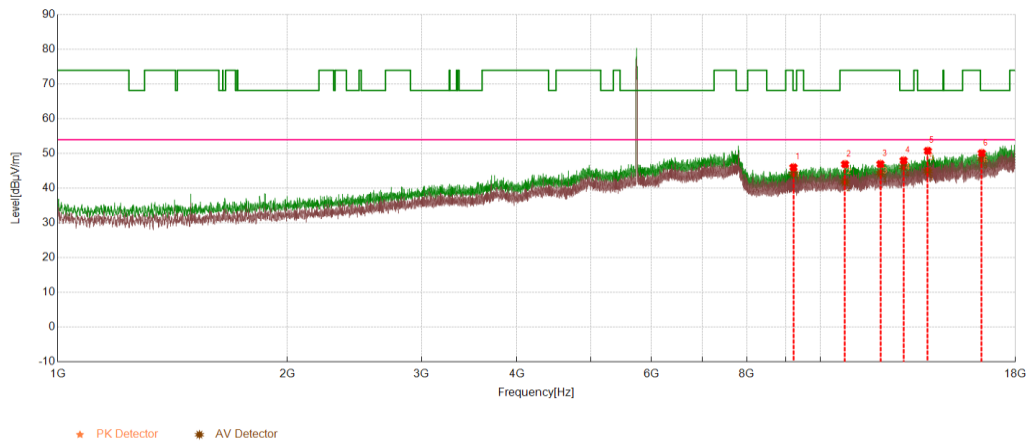
Note 1: Since IEEE 802.11a/n all employ OFDM modulation, and considering that the occupied bandwidth and output power of 802.11a at 20 MHz are higher than those of 802.11n at 20 MHz, the test results obtained for 802.11a are considered representative of and therefore cover 802.11g/n. The results are included in this test report.

Mode:	11a-5745
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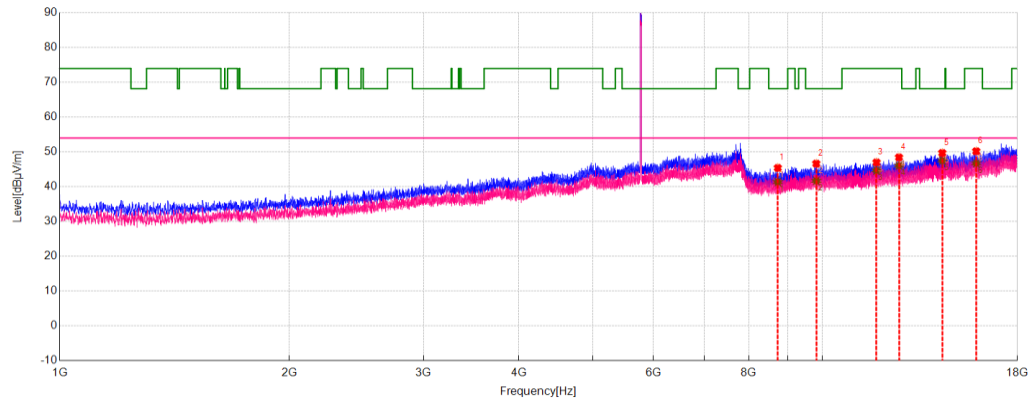
Final Data List

NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	8288.0700	-6.84	45.22	74.00	28.78	43.67	54.00	10.33	150	260	Horizo	PASS	8288.0700	-6.84
2	9708.4200	-4.53	46.48	68.23	21.75	44.75	54.00	9.25	150	232	Horizo	PASS	9708.4200	-4.53
3	10416.810	-3.63	47.21	68.23	21.02	45.44	54.00	8.56	150	360	Horizo	PASS	10416.810	-3.63
4	12286.980	-1.23	47.47	74.00	26.53	45.97	54.00	8.03	150	180	Horizo	PASS	12286.980	-1.23
5	14713.050	2.08	49.78	68.23	18.45	48.11	54.00	5.89	150	152	Horizo	PASS	14713.050	2.08
6	15854.940	2.62	50.18	74.00	23.82	46.31	54.00	7.69	150	22	Horizo	PASS	15854.940	2.62



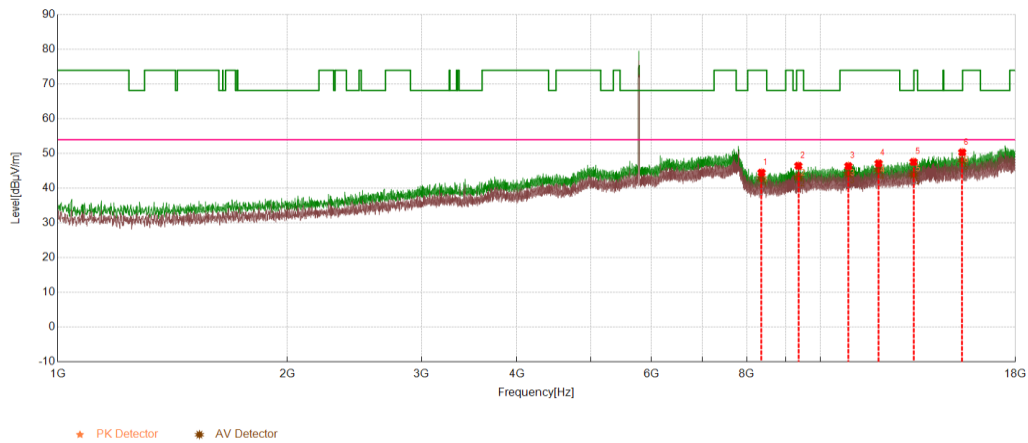
Final Data List														
NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBµV/m]	PK Value [dBµV/m]	PK Limit [dBµV/m]	PK Margin [dB]	AV Reading [dBµV/m]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	9213.2100	-4.65	46.06	68.23	22.17	44.27	54.00	9.73	150	102	Vertica	PASS	9213.2100	-4.65
2	10765.140	-3.38	46.96	74.00	27.04	41.83	54.00	12.17	150	200	Vertica	PASS	10765.140	-3.38
3	11979.450	-1.56	47.01	74.00	26.99	44.41	54.00	9.59	150	155	Vertica	PASS	11979.450	-1.56
4	12848.490	-0.41	48.04	68.23	20.19	46.15	54.00	7.85	150	200	Vertica	PASS	12848.490	-0.41
5	13819.020	1.46	50.80	68.23	17.43	44.96	54.00	9.04	150	10	Vertica	PASS	13819.020	1.46
6	16266.510	3.49	50.15	68.23	18.08	48.40	54.00	5.60	150	312	Vertica	PASS	16266.510	3.49

Mode:	11a-5785
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★ PK Detector ★ AV Detector

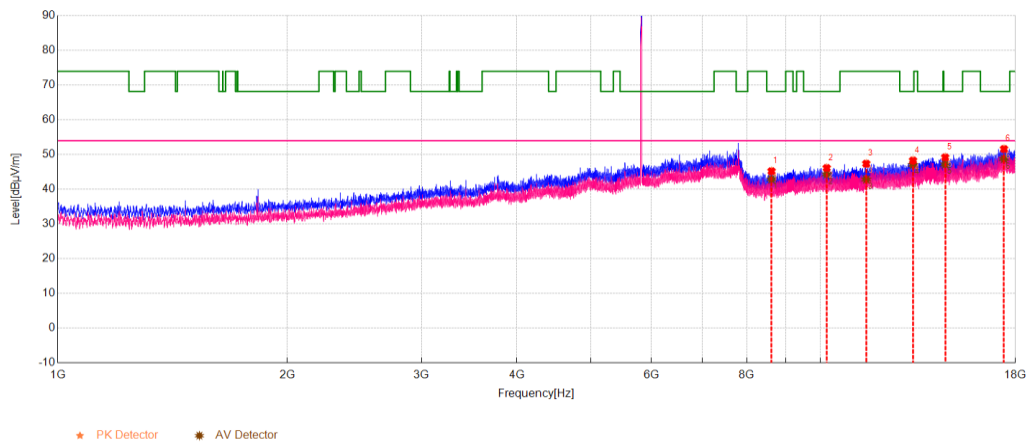
Final Data List														
NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	8735.3400	-6.48	45.43	68.23	22.80	41.38	54.00	12.62	150	58	Horizo	PASS	8735.3400	-6.48
2	9810.9300	-4.03	46.66	68.23	21.57	41.70	54.00	12.30	150	360	Horizo	PASS	9810.9300	-4.03
3	11766.780	-1.73	47.01	74.00	26.99	44.67	54.00	9.33	150	249	Horizo	PASS	11766.780	-1.73
4	12592.470	-1.00	48.45	74.00	25.55	46.05	54.00	7.95	150	115	Horizo	PASS	12592.470	-1.00
5	14349.420	1.63	49.73	68.23	18.50	47.52	54.00	6.48	150	217	Horizo	PASS	14349.420	1.63
6	15899.310	2.79	50.22	74.00	23.78	46.73	54.00	7.27	150	312	Horizo	PASS	15899.310	2.79



Final Data List														
NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	8368.1400	-7.07	44.53	74.00	29.47	42.88	54.00	11.12	150	229	Vertica	PASS	8368.1400	-7.07
2	9350.9100	-5.31	46.49	74.00	27.51	43.29	54.00	10.71	150	120	Vertica	PASS	9350.9100	-5.31
3	10873.770	-3.45	46.42	74.00	27.58	44.25	54.00	9.75	150	335	Vertica	PASS	10873.770	-3.45
4	11912.640	-1.86	47.19	74.00	26.81	45.35	54.00	8.65	150	306	Vertica	PASS	11912.640	-1.86
5	13237.620	0.63	47.61	68.23	20.62	43.96	54.00	10.04	150	287	Vertica	PASS	13237.620	0.63
6	15335.250	2.92	50.37	68.23	17.86	48.02	54.00	5.98	150	229	Vertica	PASS	15335.250	2.92

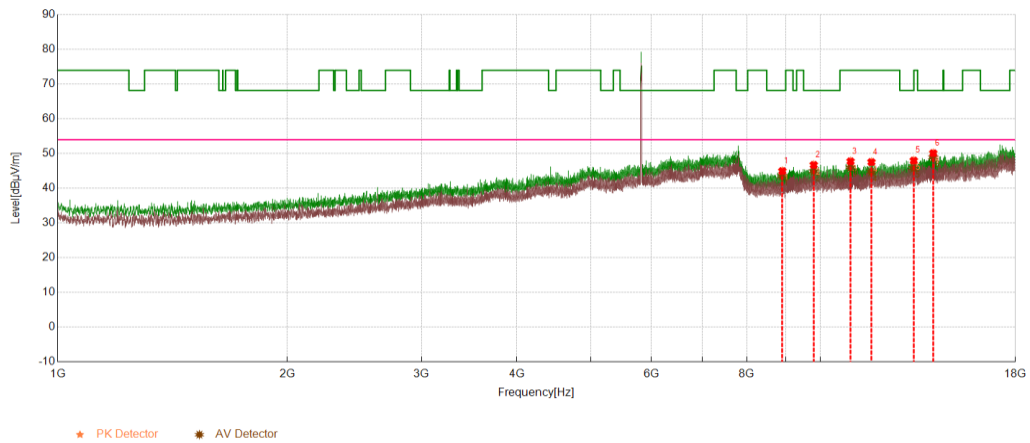
Mode:

11a-5825



Final Data List

NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	8624.1600	-6.65	45.24	68.23	22.99	42.92	54.00	11.08	150	118	Horizo	PASS	8624.1600	-6.65
2	10186.290	-4.35	46.16	68.23	22.07	44.35	54.00	9.65	150	170	Horizo	PASS	10186.290	-4.35
3	11477.100	-1.97	47.39	74.00	26.61	42.85	54.00	11.15	150	170	Horizo	PASS	11477.100	-1.97
4	13216.710	0.32	48.32	68.23	19.91	47.04	54.00	6.96	150	48	Horizo	PASS	13216.710	0.32
5	14565.150	2.57	49.22	68.23	19.01	47.20	54.00	6.80	150	118	Horizo	PASS	14565.150	2.57
6	17394.630	4.13	51.63	68.23	16.60	48.75	54.00	5.25	150	258	Horizo	PASS	17394.630	4.13

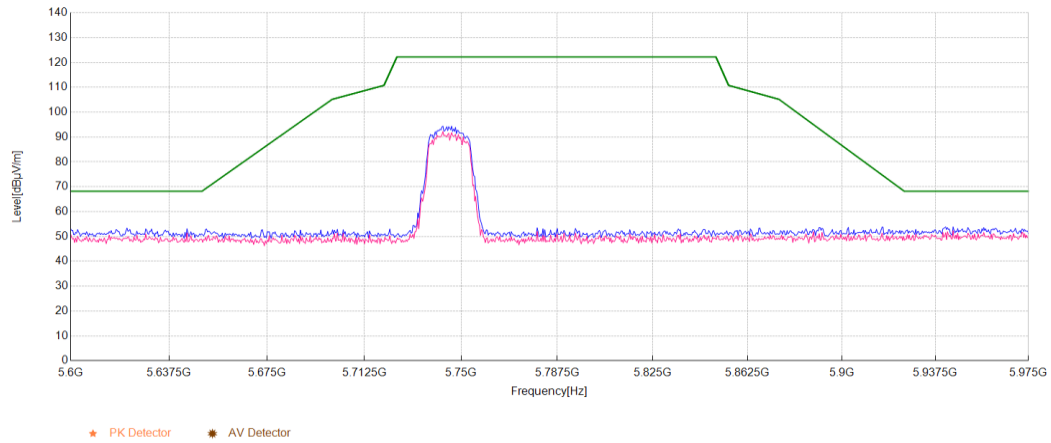


Final Data List

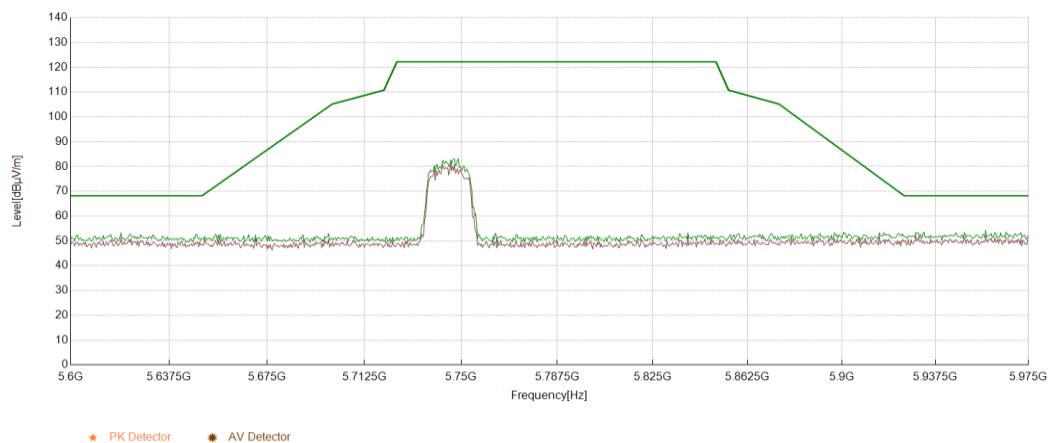
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1	8909.7600	-6.51	44.98	68.23	23.25	43.56	54.00	10.44	150	160	Vertica	PASS	8909.7600	-6.51
2	9794.6100	-4.16	46.75	68.23	21.48	44.95	54.00	9.05	150	196	Vertica	PASS	9794.6100	-4.16
3	10946.190	-3.32	47.78	74.00	26.22	46.02	54.00	7.98	150	124	Vertica	PASS	10946.190	-3.32
4	11658.660	-2.11	47.57	74.00	26.43	44.77	54.00	9.23	150	160	Vertica	PASS	11658.660	-2.11
5	13247.310	0.54	47.99	68.23	20.24	45.84	54.00	8.16	150	243	Vertica	PASS	13247.310	0.54
6	14050.050	1.82	50.14	68.23	18.09	48.88	54.00	5.12	150	307	Vertica	PASS	14050.050	1.82

Out of band

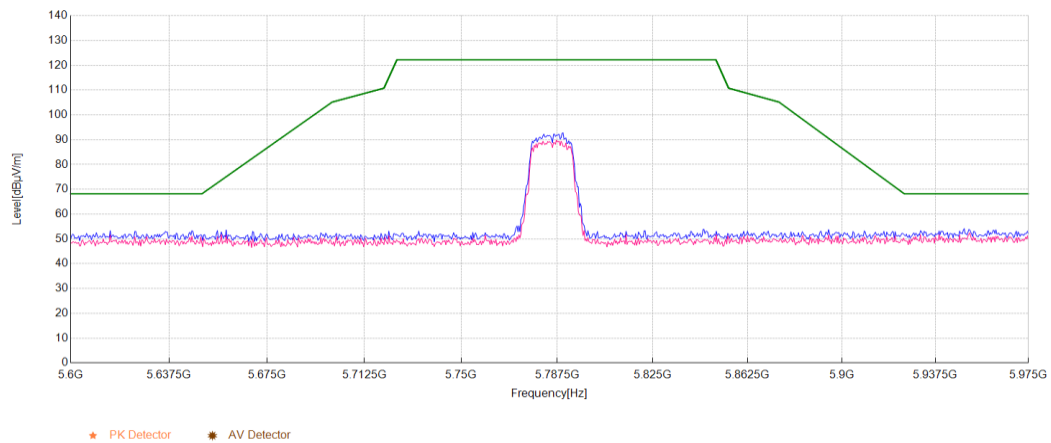
Mode:	11a-5745-H
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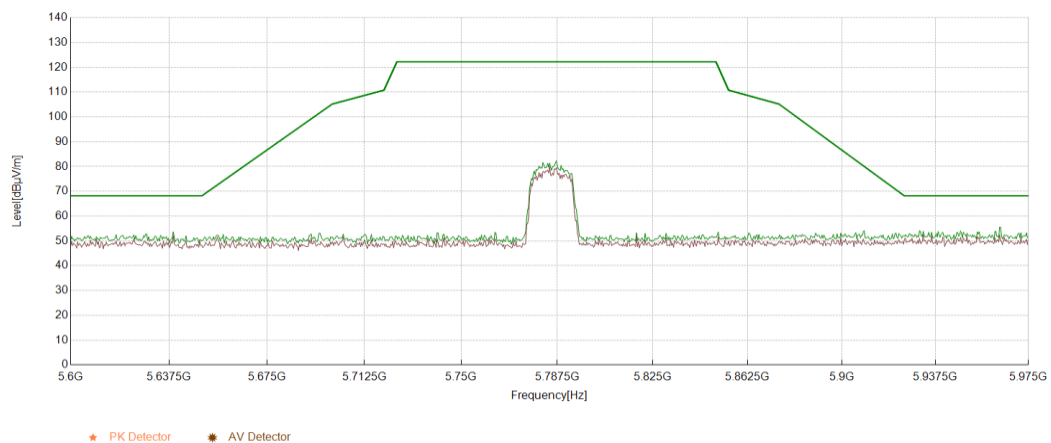
Mode:	11a-5745-V
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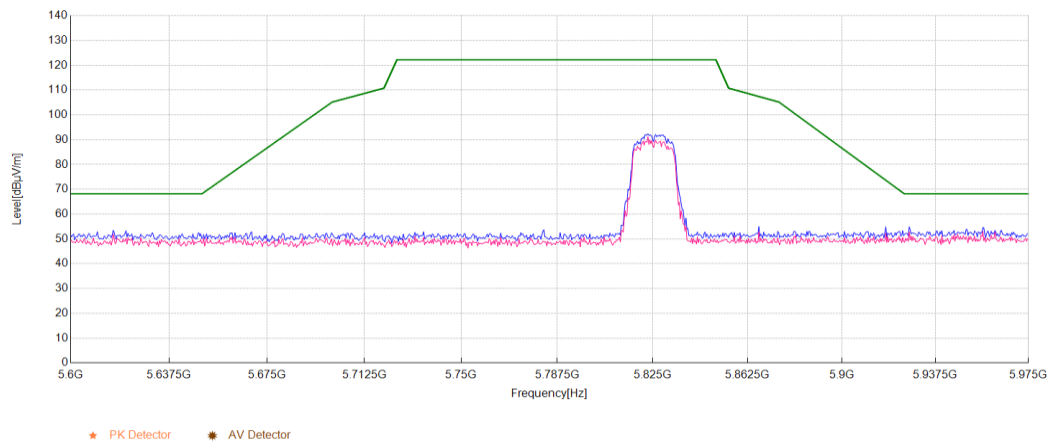
Mode:	11a-5785-H
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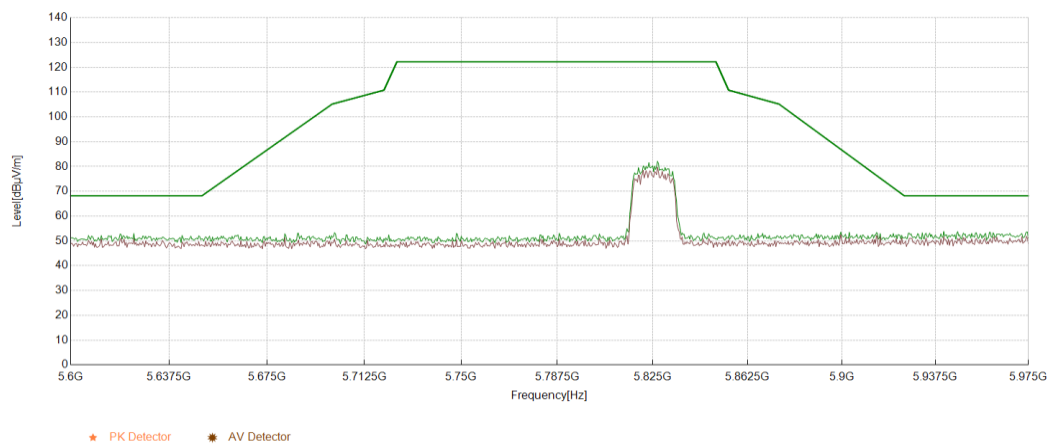
Mode:	11a-5785-V
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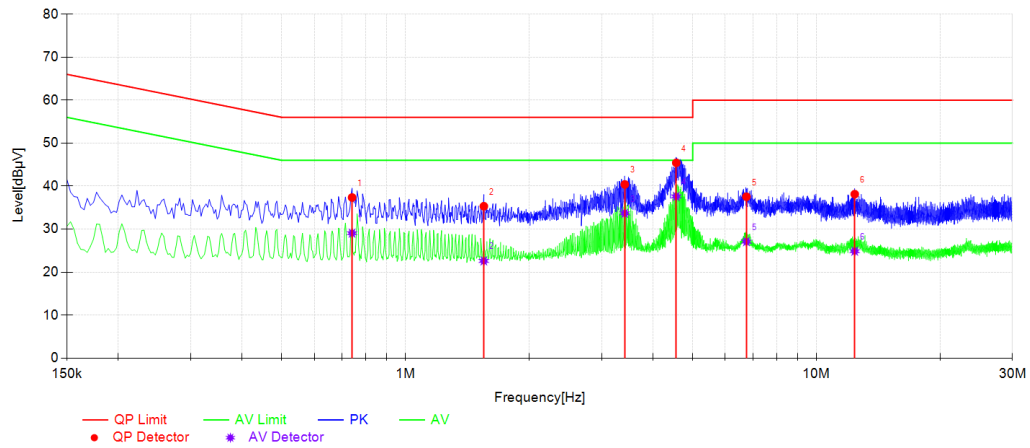
Mode: 11a-5825-H



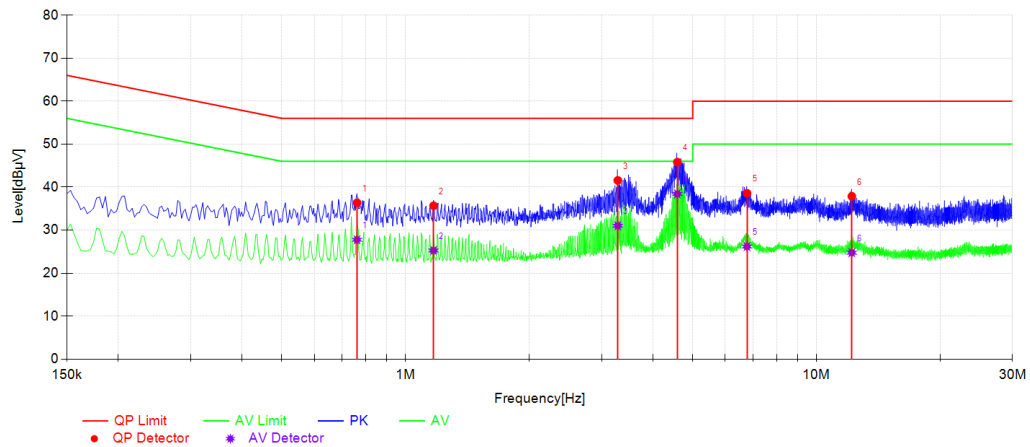
Mode: 11a-5825-V



Appendix I: Conducted Emission



Final Data List										
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Type	Verdict
1	0.741	10.27	37.37	56.00	18.63	29.07	46.00	16.93	L1	PASS
2	1.551	10.32	35.33	56.00	20.67	22.62	46.00	23.38	L1	PASS
3	3.417	10.29	40.41	56.00	15.59	33.68	46.00	12.32	L1	PASS
4	4.56	10.32	45.43	56.00	10.57	37.62	46.00	8.38	L1	PASS
5	6.756	10.41	37.55	60.00	22.45	27.09	50.00	22.91	L1	PASS
6	12.397	10.50	38.14	60.00	21.86	24.88	50.00	25.12	L1	PASS



Final Data List										
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Type	Verdict
1	0.762	10.26	36.37	56.00	19.63	27.76	46.00	18.24	N	PASS
2	1.17	10.28	35.68	56.00	20.32	25.27	46.00	20.73	N	PASS
3	3.285	10.39	41.57	56.00	14.43	31.03	46.00	14.97	N	PASS
4	4.587	10.40	45.83	56.00	10.17	38.43	46.00	7.57	N	PASS
5	6.777	10.42	38.58	60.00	21.42	26.19	50.00	23.81	N	PASS
6	12.196	10.54	37.88	60.00	22.12	24.77	50.00	25.23	N	PASS