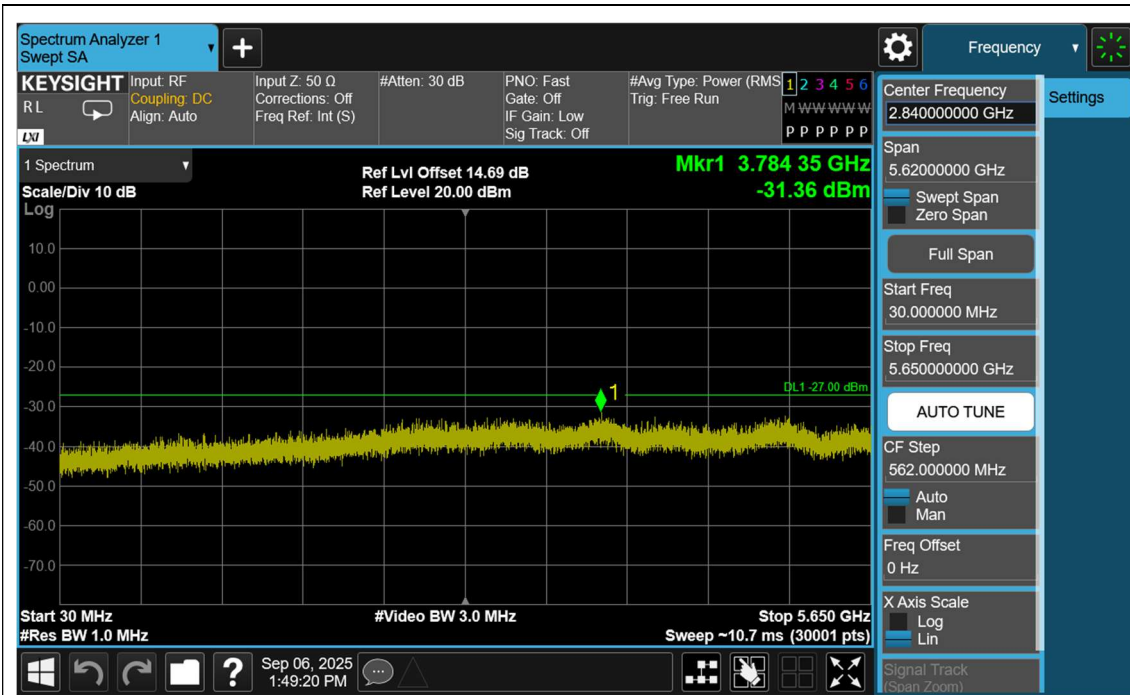
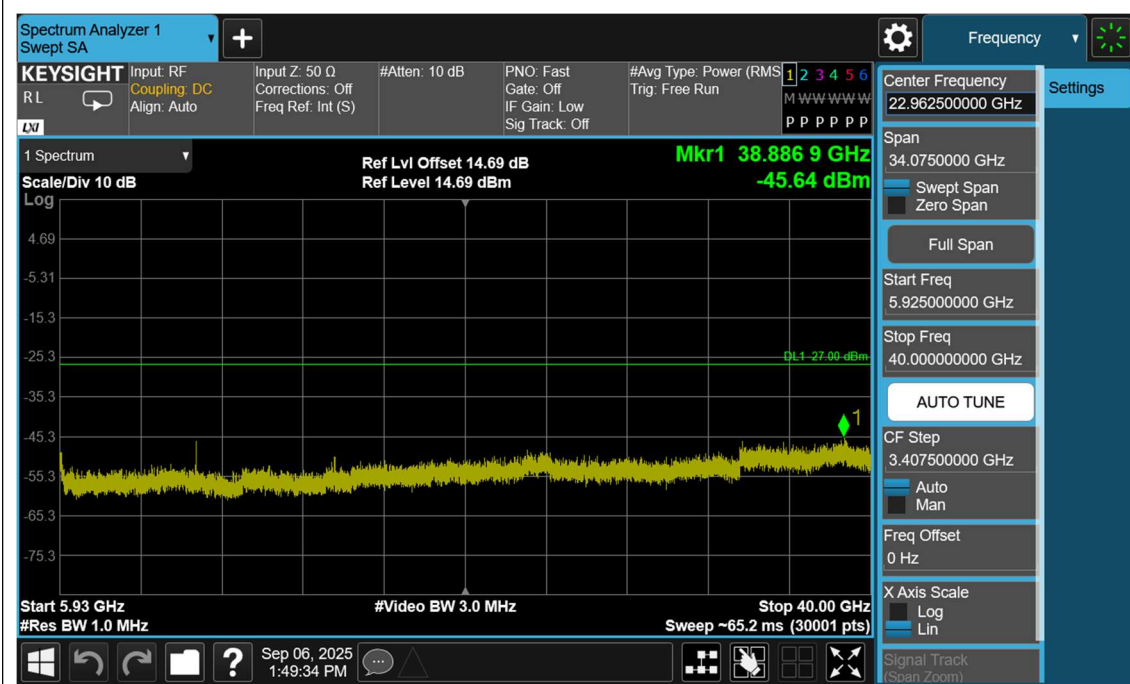




11N20SISO_Ant1_5825_30~5650



11N20SISO_Ant1_5825_5925~40000

Appendix H: Frequency Stability

Test Result

TestMode	Antenna	Frequency [MHz]	Voltage					Verdict
			Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	
11A	Ant1	5180	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5200	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.846154	20	PASS
		5240	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5745	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5785	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5825	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5180	NV	NT	0.00	0.000000	20	PASS
			LV	NT	20000.00	3.861004	20	PASS
			HV	NT	20000.00	3.861004	20	PASS
		5200	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5240	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5745	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.481288	20	PASS
		5785	NV	NT	20000.00	3.457217	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	20000.00	3.457217	20	PASS
		5825	NV	NT	20000.00	3.433476	20	PASS
			LV	NT	20000.00	3.433476	20	PASS

			HV	NT	20000.00	3.433476	20	PASS
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Note:

LV: 4.5V

HV:5.5V

Temperature								
TestMode	Antenna	Frequen cy[MHz]	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	20000.00	3.861004	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5200	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-20000.00	-3.846154	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5240	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	20000.00	3.816794	20	PASS
		5745	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	20000.00	3.481288	20	PASS
			NV	30	0.00	0.000000	20	PASS

			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5785	NV	-30	20000.00	3.457217	20	PASS
			NV	-20	-20000.00	-3.457217	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-20000.00	-3.457217	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-20000.00	-3.457217	20	PASS
		5825	NV	-30	20000.00	3.433476	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	20000.00	3.433476	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5180	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	20000.00	3.861004	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	20000.00	3.861004	20	PASS
			NV	40	20000.00	3.861004	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5200	NV	-30	0.00	0.000000	20	PASS
			NV	-20	20000.00	3.846154	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5240	NV	-30	0.00	0.000000	20	PASS
			NV	-20	20000.00	3.816794	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	20000.00	3.816794	20	PASS
			NV	10	40000.00	7.633588	20	PASS

			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-20000.00	-3.816794	20	PASS
			NV	50	-20000.00	-3.816794	20	PASS
		5745	NV	-30	0.00	0.000000	20	PASS
			NV	-20	20000.00	3.481288	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.481288	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5785	NV	-30	0.00	0.000000	20	PASS
			NV	-20	20000.00	3.457217	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-20000.00	-3.457217	20	PASS
			NV	10	20000.00	3.457217	20	PASS
			NV	20	20000.00	3.457217	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	20000.00	3.457217	20	PASS
		5825	NV	-30	20000.00	3.433476	20	PASS
			NV	-20	20000.00	3.433476	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-20000.00	-3.433476	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	20000.00	3.433476	20	PASS
			NV	30	20000.00	3.433476	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	20000.00	3.433476	20	PASS

Appendix F: Unwant Emissions

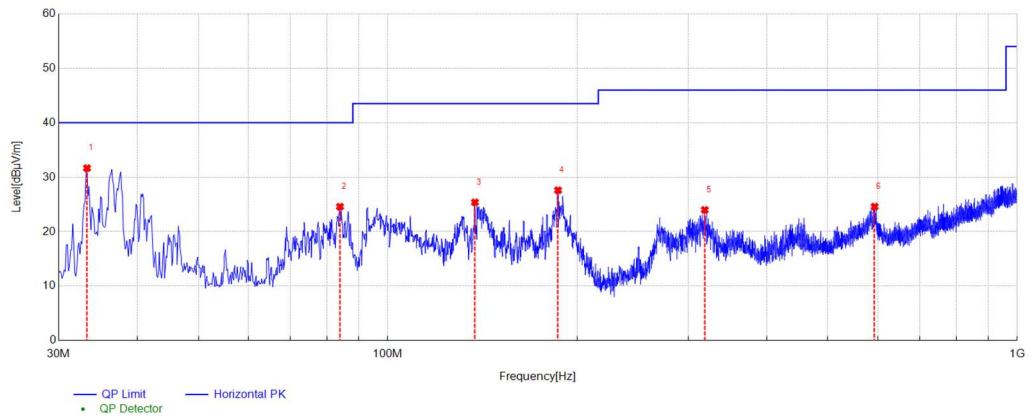
Test Result

Note 1: The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is

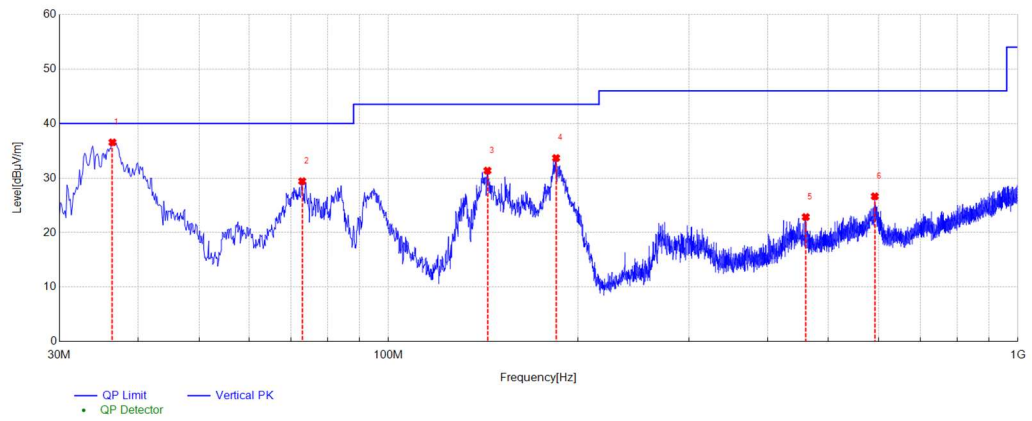
20 dB lower than the limit line is not reported.

Note 2: During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes with all channels. The test data of the worst-case condition was recorded in this report.

Note 3: The measurement results above 18GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz are reported.

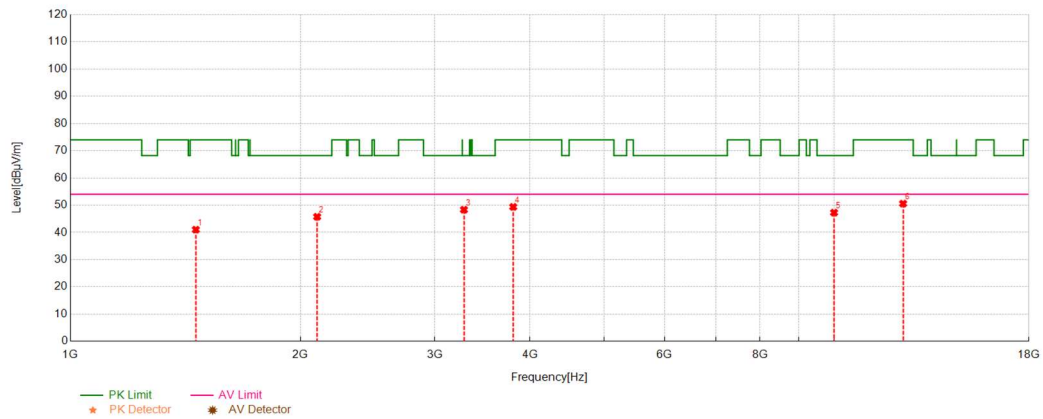


NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	33.2738	31.67	-16.49	40.00	8.33	100	10	Horizontal	PASS
2	83.9562	24.59	-20.46	40.00	15.41	100	349	Horizontal	PASS
3	137.548	25.40	-16.94	43.50	18.10	100	161	Horizontal	PASS
4	186.412	27.60	-18.52	43.50	15.90	100	10	Horizontal	PASS
5	318.817	24.00	-15.46	46.00	22.00	100	92	Horizontal	PASS
6	593.570	24.61	-9.17	46.00	21.39	100	285	Horizontal	PASS



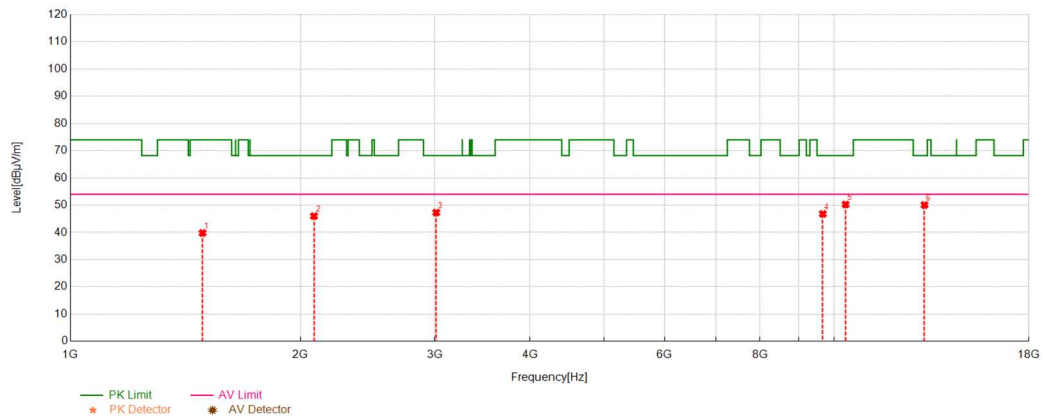
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	36.4263	36.55	-16.35	40.00	3.45	100	181	Vertical	PASS
2	72.9225	29.42	-19.26	40.00	10.58	100	82	Vertical	PASS
3	143.611	31.36	-16.51	43.50	12.14	100	273	Vertical	PASS
4	184.593	33.68	-18.40	43.50	9.82	100	340	Vertical	PASS
5	460.195	22.86	-11.79	46.00	23.14	100	18	Vertical	PASS
6	592.357	26.66	-9.11	46.00	19.34	100	8	Vertical	PASS

Mode:	802.11a-5180MHz
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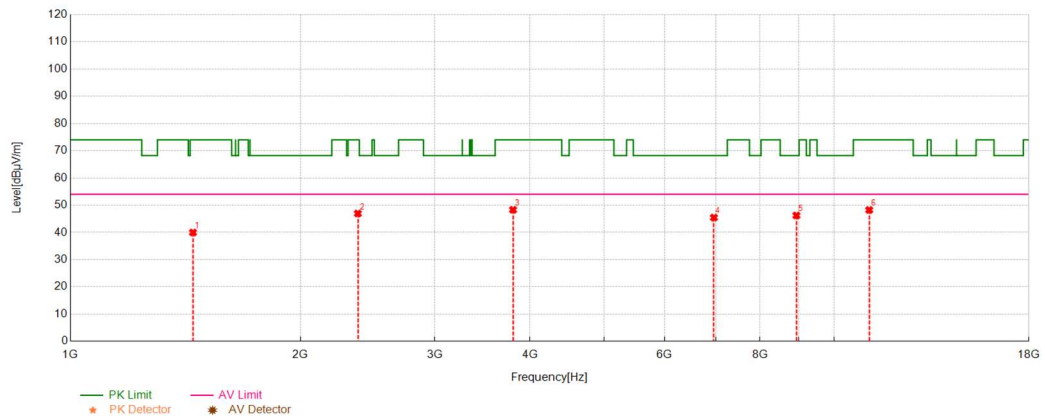
Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1459.77	41.02	0.77	74.00	32.98	150	326	Horizontal
2	2104.44	45.76	7.75	68.23	22.47	150	121	Horizontal
3	3276.36	48.34	10.15	68.23	19.89	150	358	Horizontal
4	3801.09	49.38	11.23	74.00	24.62	150	326	Horizontal
5	10001.9	47.28	-6.08	68.23	20.95	150	106	Horizontal
6	12316.2	50.58	-1.97	74.00	23.42	150	142	Horizontal

Mode:	802.11a-5180MHz
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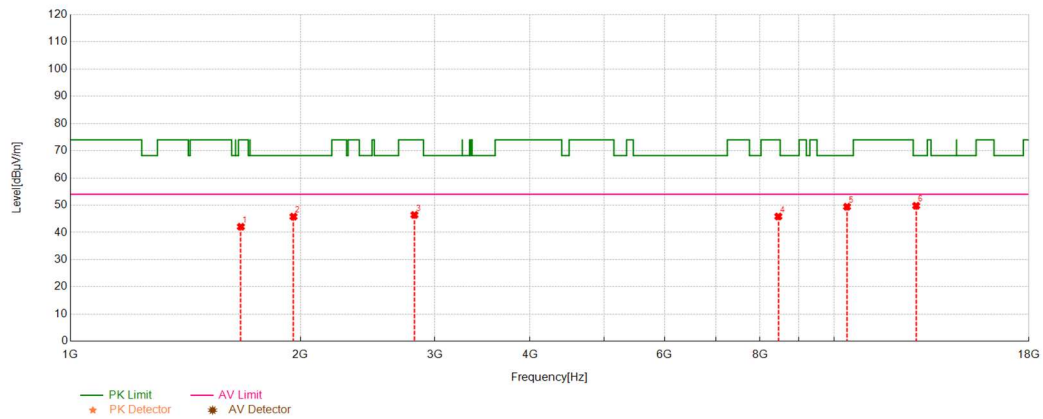
Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1489.75	39.81	0.83	74.00	34.19	150	283	Vertical
2	2084.45	46.00	7.58	68.23	22.23	150	225	Vertical
3	3013.99	47.30	9.20	68.23	20.93	150	7	Vertical
4	9669.24	46.80	-6.00	68.23	21.43	150	60	Vertical
5	10355.7	50.27	-5.31	68.23	17.96	150	201	Vertical
6	13137.6	50.07	-0.81	68.23	18.16	150	226	Vertical

Mode:	802.11a-5200MHz
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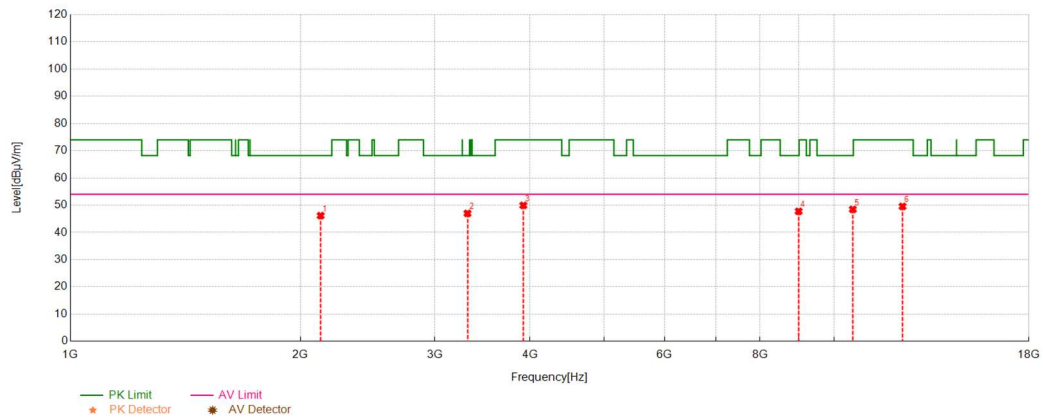
Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1447.27	39.99	0.74	74.00	34.01	150	360	Horizontal
2	2379.31	46.96	6.92	74.00	27.04	150	141	Horizontal
3	3798.60	48.32	11.21	74.00	25.68	150	273	Horizontal
4	6962.27	45.46	-10.02	68.23	22.77	150	138	Horizontal
5	8928.80	46.24	-7.58	68.23	21.99	150	27	Horizontal
6	11120.1	48.25	-3.44	74.00	25.75	150	245	Horizontal

Mode:	802.11a-5200MHz
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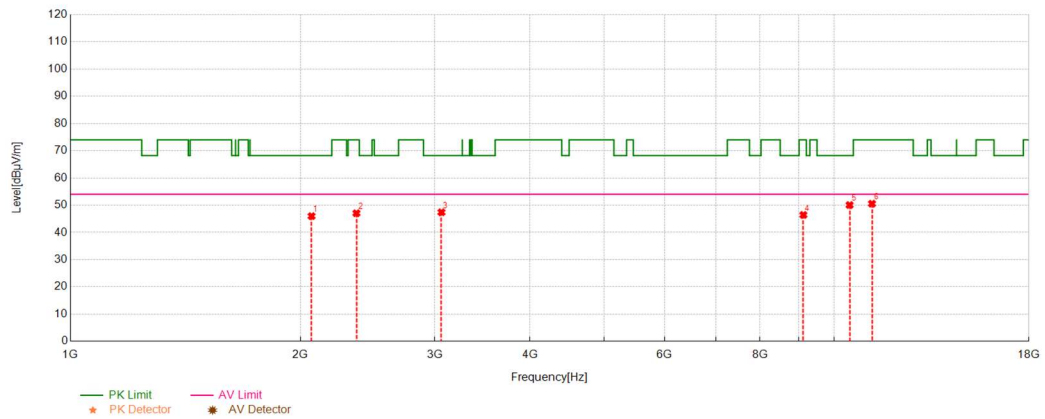
Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1672.16	42.10	2.19	74.00	31.90	150	164	Vertical
2	1959.52	45.80	6.49	68.23	22.43	150	123	Vertical
3	2821.58	46.42	8.82	74.00	27.58	150	39	Vertical
4	8455.15	45.86	-9.10	74.00	28.14	150	314	Vertical
5	10400.6	49.43	-5.50	68.23	18.80	150	176	Vertical
6	12810.8	49.79	-1.23	68.23	18.44	150	337	Vertical

Mode:	802.11a-5240MHz
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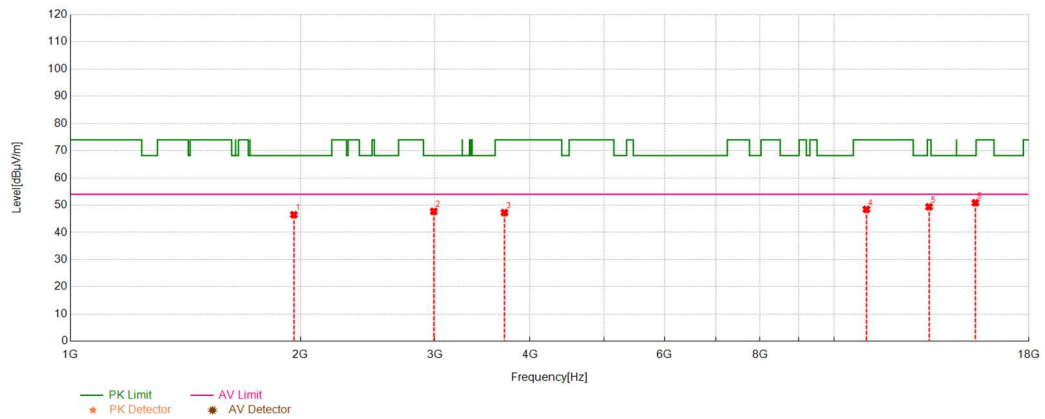
Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2126.93	46.17	7.42	68.23	22.06	150	222	Horizontal
2	3311.34	47.00	10.37	68.23	21.23	150	158	Horizontal
3	3918.54	49.93	11.84	74.00	24.07	150	4	Horizontal
4	8988.75	47.76	-7.50	68.23	20.47	150	109	Horizontal
5	10583.5	48.47	-4.23	68.23	19.76	150	297	Horizontal
6	12295.2	49.57	-1.99	74.00	24.43	150	112	Horizontal

Mode:	802.11a-5240MHz
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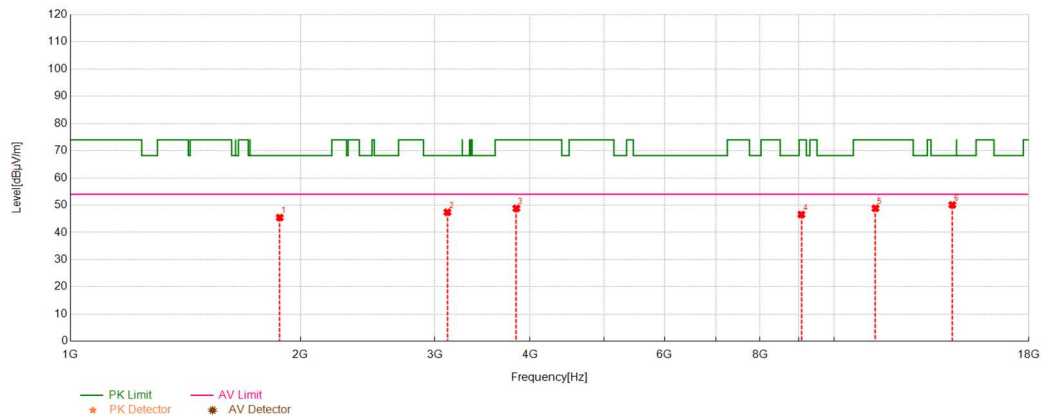
Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2069.46	45.99	7.35	68.23	22.24	150	217	Vertical
2	2369.31	47.06	6.92	74.00	26.94	150	205	Vertical
3	3061.46	47.41	9.46	68.23	20.82	150	165	Vertical
4	9117.66	46.43	-7.73	74.00	27.57	150	240	Vertical
5	10481.6	50.06	-5.22	68.23	18.17	150	207	Vertical
6	11213.0	50.56	-2.78	74.00	23.44	150	47	Vertical

Mode:	802.11a-5745MHz
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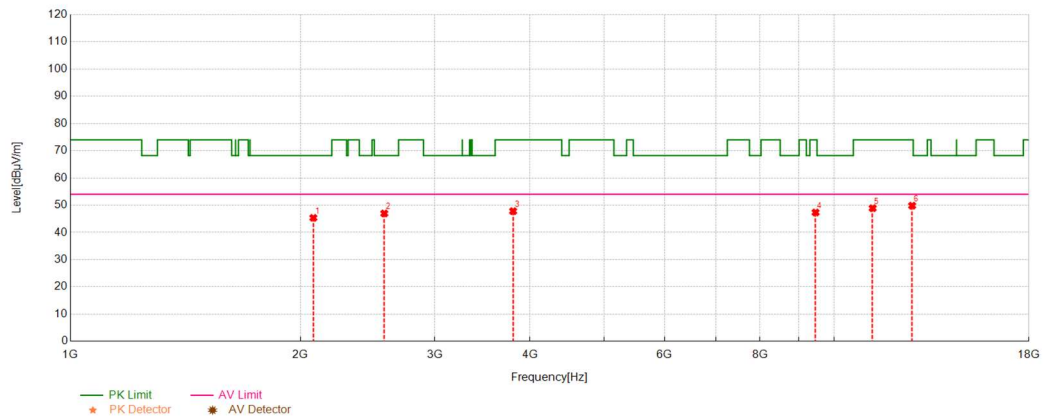
Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1961.71	46.50	6.61	68.23	21.73	150	328	Horizontal
2	2991.40	47.73	9.01	68.23	20.50	150	52	Horizontal
3	3701.64	47.29	10.62	74.00	26.71	150	343	Horizontal
4	11027.7	48.47	-3.77	74.00	25.53	150	319	Horizontal
5	13318.7	49.41	-0.41	74.00	24.59	150	58	Horizontal
6	15316.9	50.91	2.31	68.23	17.32	150	348	Horizontal

Mode:	802.11a-5745MHz
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Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1880.15	45.46	6.28	68.23	22.77	150	151	Vertical
2	3117.14	47.41	9.54	68.23	20.82	150	29	Vertical
3	3837.58	48.85	11.38	74.00	25.15	150	322	Vertical
4	9062.59	46.58	-7.42	74.00	27.42	150	270	Vertical
5	11330.6	48.87	-3.12	74.00	25.13	150	241	Vertical
6	14286.0	50.12	0.76	68.23	18.11	150	104	Vertical

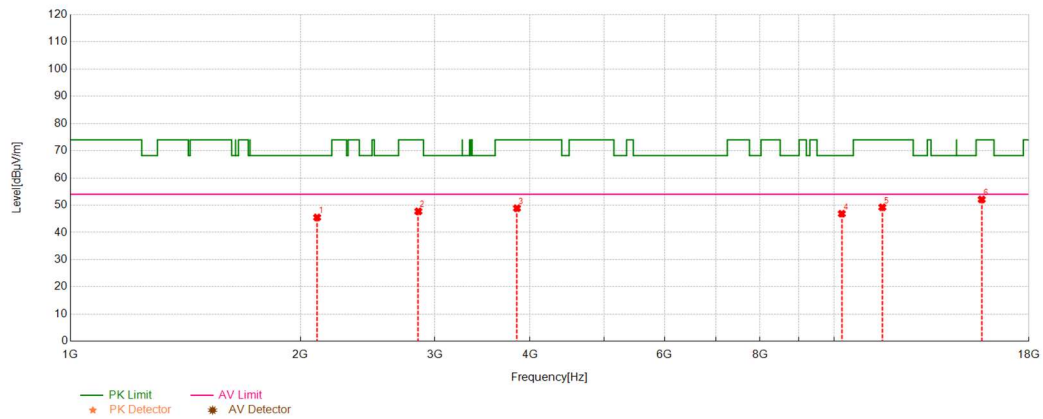
Mode:	802.11a-5785MHz
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Suspected Data List

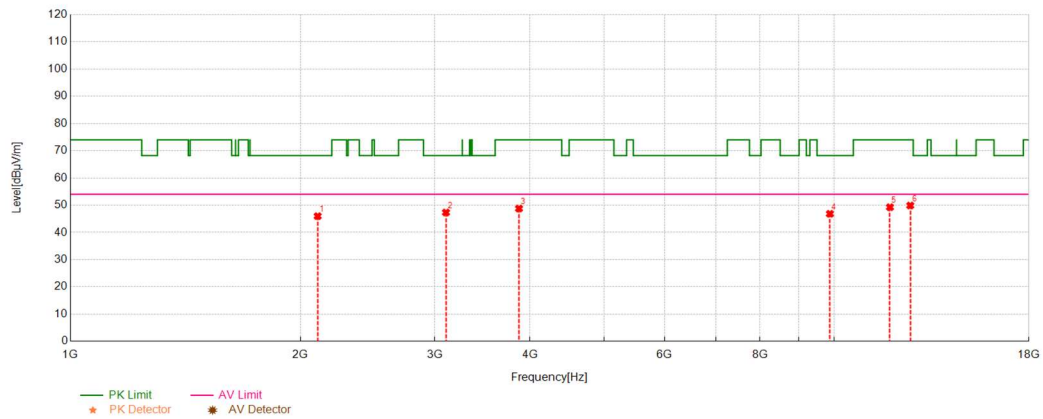
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2080.65	45.36	7.55	68.23	22.87	150	347	Horizontal
2	2576.81	46.98	8.05	68.23	21.25	150	198	Horizontal
3	3800.19	47.82	11.22	74.00	26.18	150	100	Horizontal
4	9459.69	47.33	-6.61	74.00	26.67	150	148	Horizontal
5	11236.4	48.91	-3.33	74.00	25.09	150	309	Horizontal
6	12656.9	49.83	-1.32	74.00	24.17	150	30	Horizontal

Mode:	802.11a-5785MHz
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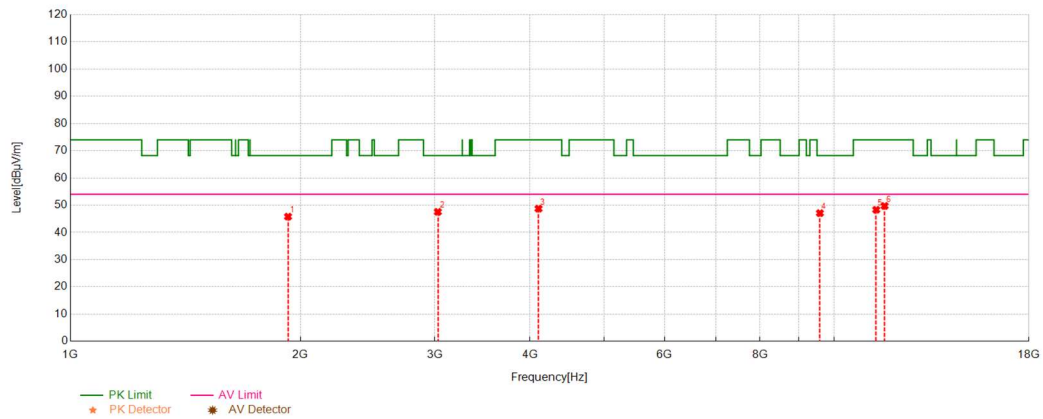
Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2104.44	45.51	7.76	68.23	22.72	150	73	Vertical
2	2855.47	47.74	8.59	74.00	26.26	150	107	Vertical
3	3844.37	48.90	11.41	74.00	25.10	150	250	Vertical
4	10238.6	46.88	-5.65	68.23	21.35	150	118	Vertical
5	11569.9	49.23	-2.98	74.00	24.77	150	64	Vertical
6	15612.2	52.11	3.52	74.00	21.89	150	161	Vertical

Mode:	802.11a-5825MHz
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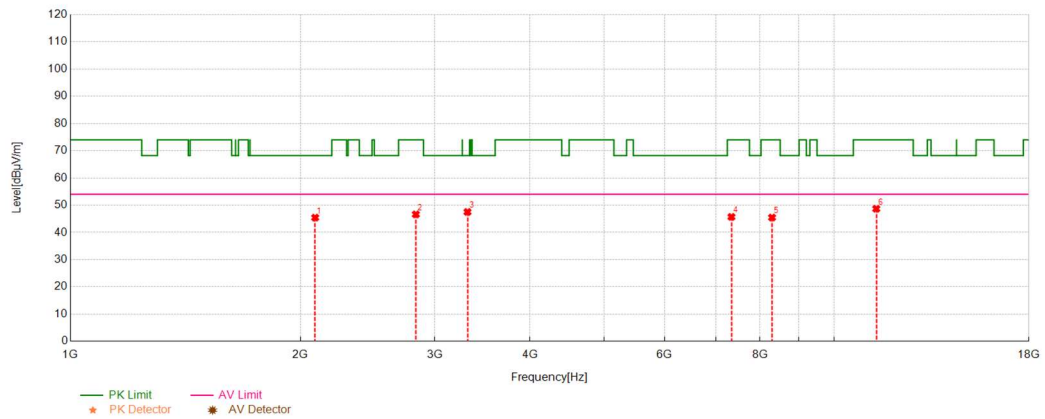
Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2107.84	45.98	7.72	68.23	22.25	150	282	Horizontal
2	3103.54	47.33	9.64	68.23	20.90	150	122	Horizontal
3	3868.16	48.79	11.55	74.00	25.21	150	202	Horizontal
4	9877.16	46.85	-6.01	68.23	21.38	150	164	Horizontal
5	11837.2	49.27	-2.65	74.00	24.73	150	144	Horizontal
6	12585.6	49.90	-1.51	74.00	24.10	150	227	Horizontal

Mode:	802.11a-5825MHz
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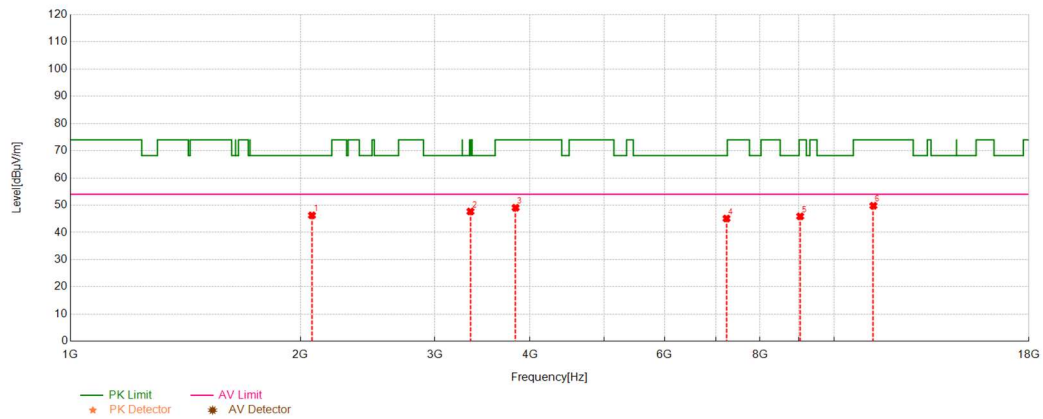
Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1927.73	45.81	6.70	68.23	22.42	150	145	Vertical
2	3028.78	47.56	9.28	68.23	20.67	150	145	Vertical
3	4102.64	48.74	12.25	74.00	25.26	150	215	Vertical
4	9584.42	47.10	-6.43	68.23	21.13	150	191	Vertical
5	11358.6	48.33	-3.15	74.00	25.67	150	196	Vertical
6	11648.8	49.72	-2.83	74.00	24.28	150	15	Vertical

Mode:	802.11n HT20-5180MHz
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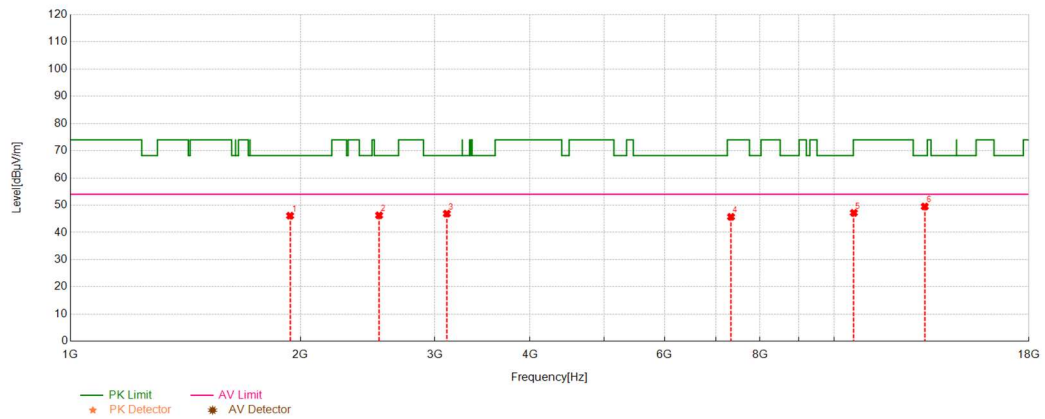
Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2091.95	45.44	7.69	68.23	22.79	150	243	Horizontal
2	2834.08	46.63	8.73	74.00	27.37	150	360	Horizontal
3	3311.34	47.53	10.37	68.23	20.70	150	283	Horizontal
4	7339.99	45.71	-9.44	74.00	28.29	150	276	Horizontal
5	8296.27	45.48	-8.84	74.00	28.52	150	13	Horizontal
6	11359.9	48.70	-2.90	74.00	25.30	150	150	Horizontal

Mode:	802.11n HT20-5180MHz
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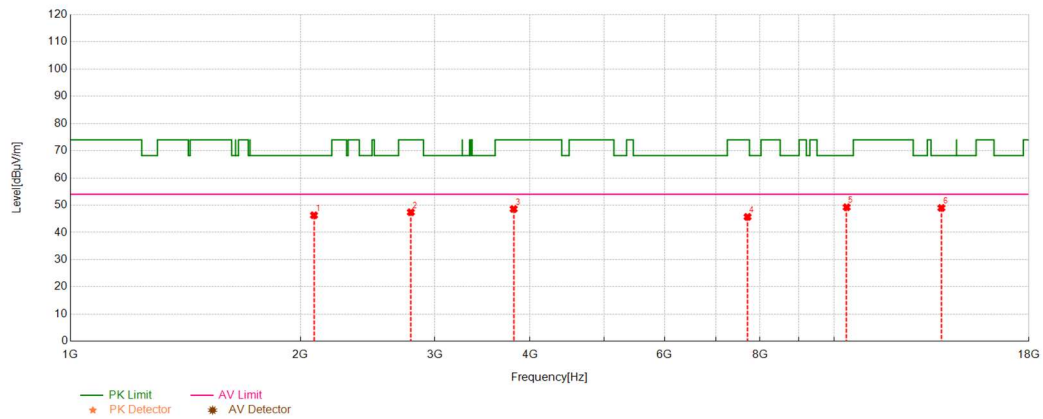
Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2071.96	46.29	7.39	68.23	21.94	150	320	Vertical
2	3341.32	47.70	10.01	68.23	20.53	150	65	Vertical
3	3828.58	49.07	11.37	74.00	24.93	150	134	Vertical
4	7232.07	45.11	-9.83	68.23	23.12	150	8	Vertical
5	9030.72	45.91	-7.58	74.00	28.09	150	60	Vertical
6	11261.0	49.80	-2.62	74.00	24.20	150	302	Vertical

Mode:	802.11n HT20-5200MHz
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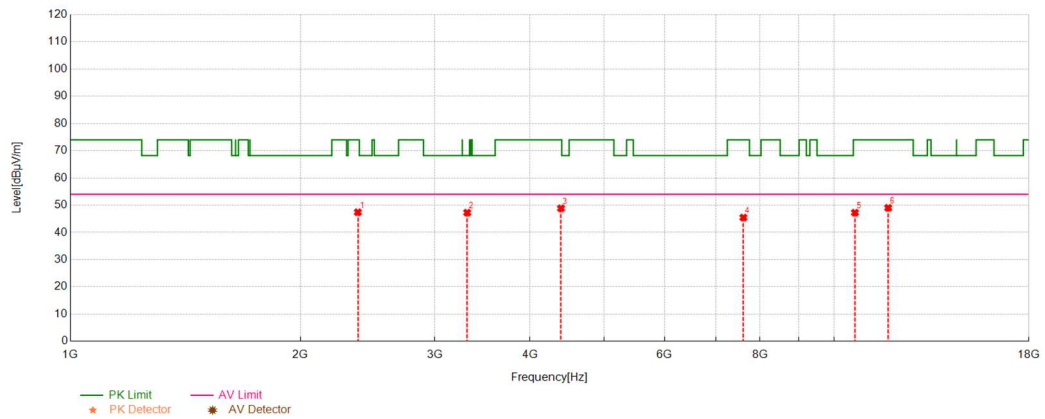
Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1939.53	46.14	6.53	68.23	22.09	150	255	Horizontal
2	2536.73	46.29	7.69	68.23	21.94	150	225	Horizontal
3	3111.44	46.91	9.54	68.23	21.32	150	95	Horizontal
4	7331.00	45.73	-9.43	74.00	28.27	150	297	Horizontal
5	10616.5	47.20	-4.12	74.00	26.80	150	320	Horizontal
6	13146.6	49.52	-0.81	68.23	18.71	150	67	Horizontal

Mode:	802.11n HT20-5200MHz
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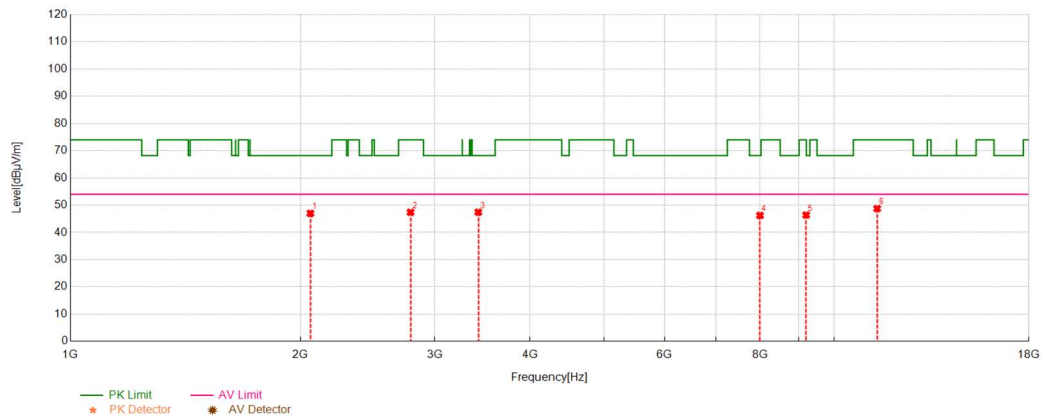
Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2084.45	46.31	7.58	68.23	21.92	150	34	Vertical
2	2791.60	47.41	8.81	74.00	26.59	150	354	Vertical
3	3806.09	48.60	11.25	74.00	25.40	150	14	Vertical
4	7705.72	45.71	-9.52	74.00	28.29	150	54	Vertical
5	10388.7	49.25	-5.45	68.23	18.98	150	202	Vertical
6	13824.1	49.00	-0.55	68.23	19.23	150	35	Vertical

Mode:	802.11n HT20-5240MHz
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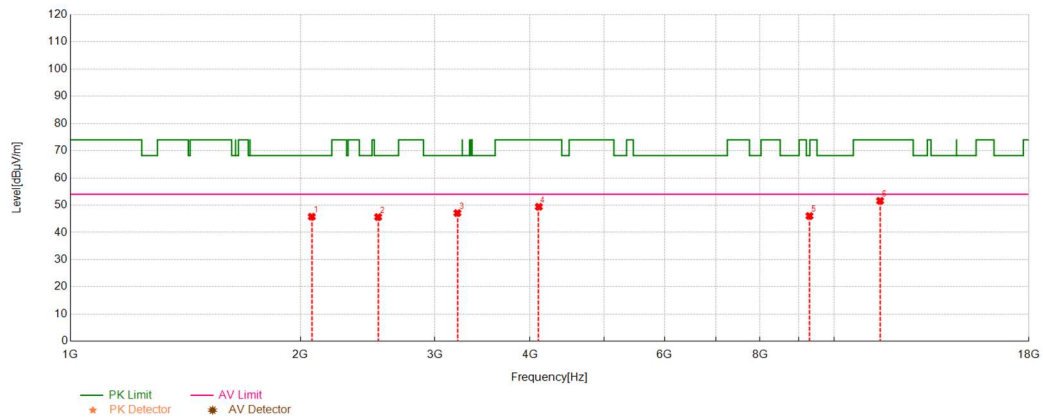
Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2379.31	47.42	6.92	74.00	26.58	150	90	Horizontal
2	3308.84	47.26	10.41	68.23	20.97	150	141	Horizontal
3	4390.80	48.86	12.52	74.00	25.14	150	50	Horizontal
4	7609.79	45.47	-9.81	74.00	28.53	150	220	Horizontal
5	10652.5	47.26	-4.27	74.00	26.74	150	239	Horizontal
6	11776.6	49.03	-2.77	74.00	24.97	150	96	Horizontal

Mode:	802.11n HT20-5240MHz
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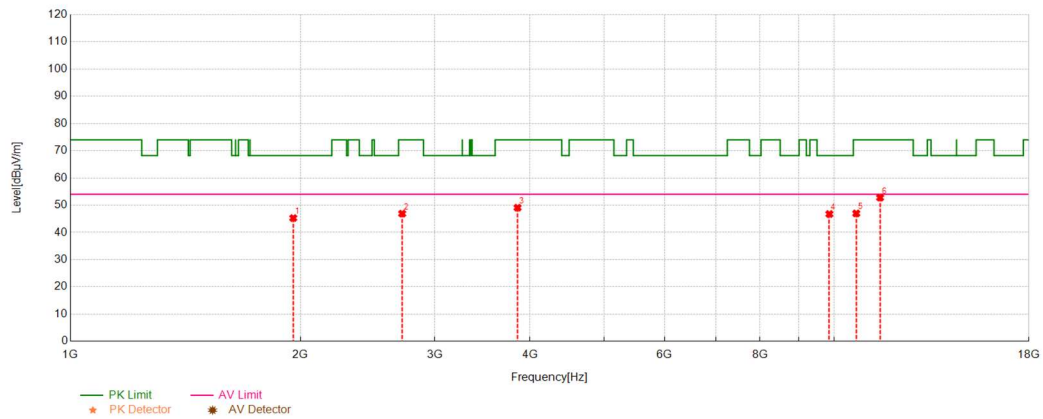
Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2061.96	47.01	7.24	68.23	21.22	150	160	Vertical
2	2789.10	47.40	8.76	74.00	26.60	150	157	Vertical
3	3421.28	47.43	9.32	68.23	20.80	150	230	Vertical
4	7999.50	46.26	-8.98	68.23	21.97	150	206	Vertical
5	9195.60	46.39	-7.48	74.00	27.61	150	152	Vertical
6	11389.9	48.76	-3.11	74.00	25.24	150	61	Vertical

Mode:	802.11n HT20-5745MHz
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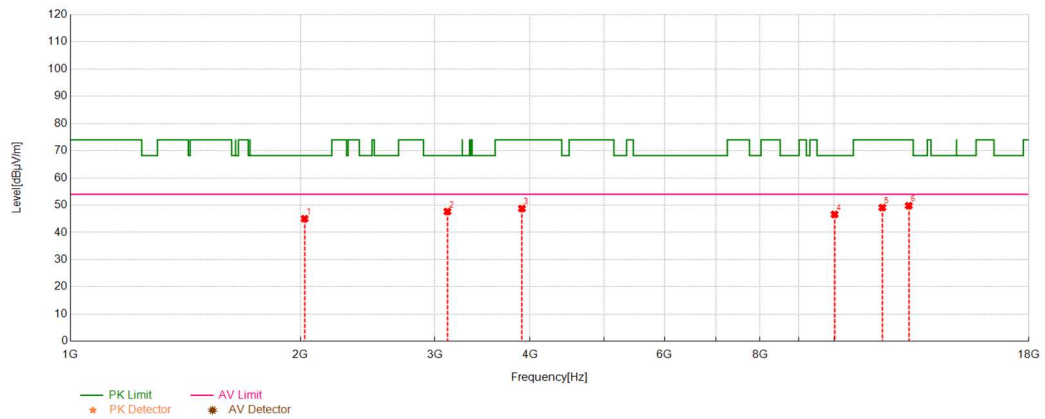
Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2070.46	45.78	7.41	68.23	22.45	150	92	Horizontal
2	2529.23	45.65	7.61	68.23	22.58	150	302	Horizontal
3	3212.29	47.12	9.09	68.23	21.11	150	351	Horizontal
4	4106.04	49.43	12.25	74.00	24.57	150	212	Horizontal
5	9286.59	46.06	-7.38	68.23	22.17	150	142	Horizontal
6	11491.0	51.62	-2.85	74.00	22.38	150	113	Horizontal

Mode:	802.11n HT20-5745MHz
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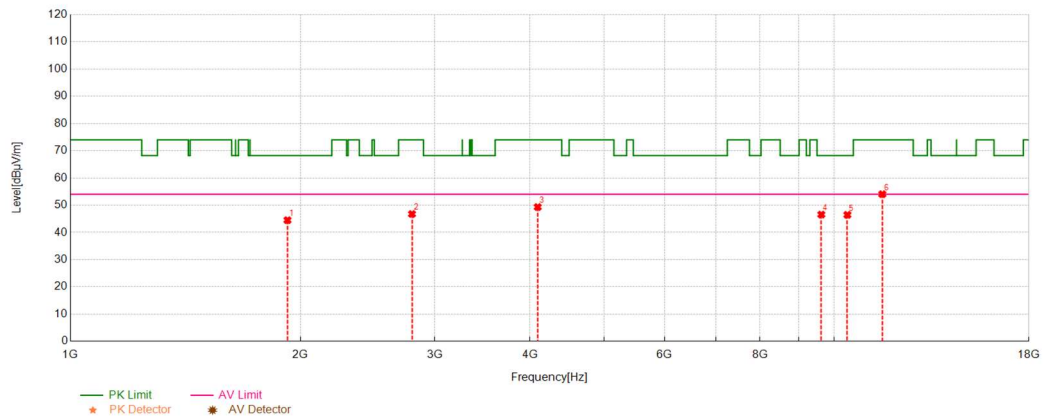
Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1958.32	45.29	6.63	68.23	22.94	150	206	Vertical
2	2719.54	46.91	7.48	74.00	27.09	150	41	Vertical
3	3851.17	49.09	11.43	74.00	24.91	150	317	Vertical
4	9861.89	46.76	-6.02	68.23	21.47	150	225	Vertical
5	10694.2	46.99	-4.61	74.00	27.01	150	64	Vertical
6	11491.0	52.78	-2.85	74.00	21.22	150	118	Vertical

Mode:	802.11n HT20-5785MHz
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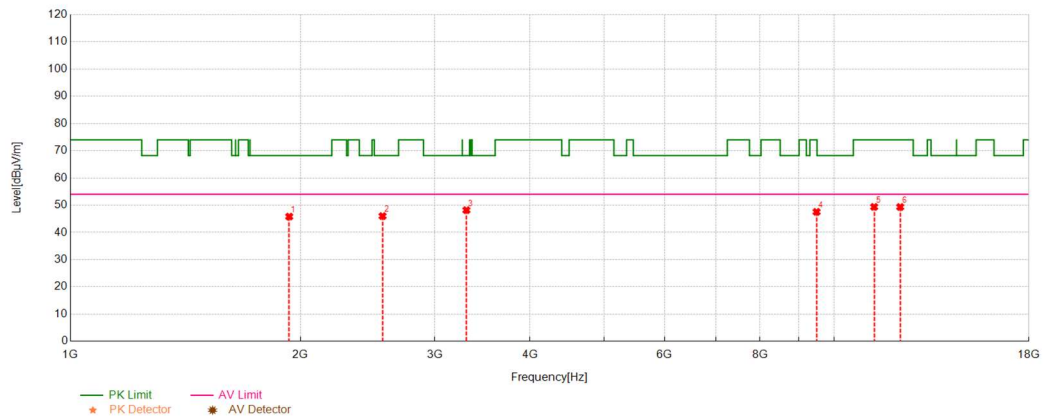
Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2026.28	45.03	6.85	68.23	23.20	150	176	Horizontal
2	3117.14	47.68	9.54	68.23	20.55	150	319	Horizontal
3	3902.14	48.78	11.74	74.00	25.22	150	316	Horizontal
4	10017.1	46.62	-5.76	68.23	21.61	150	356	Horizontal
5	11569.9	49.13	-2.98	74.00	24.87	150	117	Horizontal
6	12529.6	49.82	-1.30	74.00	24.18	150	158	Horizontal

Mode:	802.11n HT20-5785MHz
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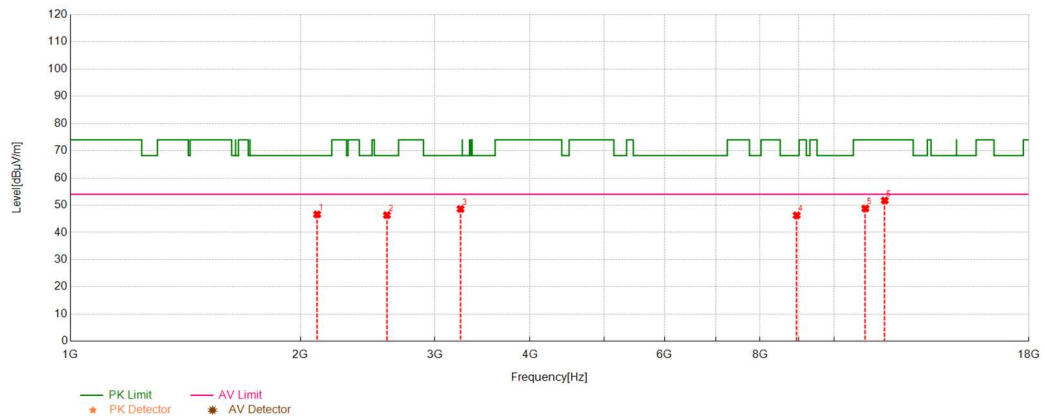
Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1924.33	44.51	6.71	68.23	23.72	150	282	Vertical
2	2801.09	46.78	8.95	74.00	27.22	150	356	Vertical
3	4092.45	49.33	12.21	74.00	24.67	150	91	Vertical
4	9625.15	46.56	-6.32	68.23	21.67	150	257	Vertical
5	10411.7	46.46	-5.28	68.23	21.77	150	101	Vertical
6	11567.4	54.05	-2.98	74.00	19.95	150	116	Vertical

Mode:	802.11n HT20-5825MHz
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Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1934.53	45.82	6.68	68.23	22.41	150	162	Horizontal
2	2563.21	46.01	7.92	68.23	22.22	150	213	Horizontal
3	3300.64	48.19	10.41	68.23	20.04	150	328	Horizontal
4	9487.69	47.56	-6.47	74.00	26.44	150	33	Horizontal
5	11287.3	49.38	-3.14	74.00	24.62	150	338	Horizontal
6	12208.8	49.35	-2.10	74.00	24.65	150	344	Horizontal

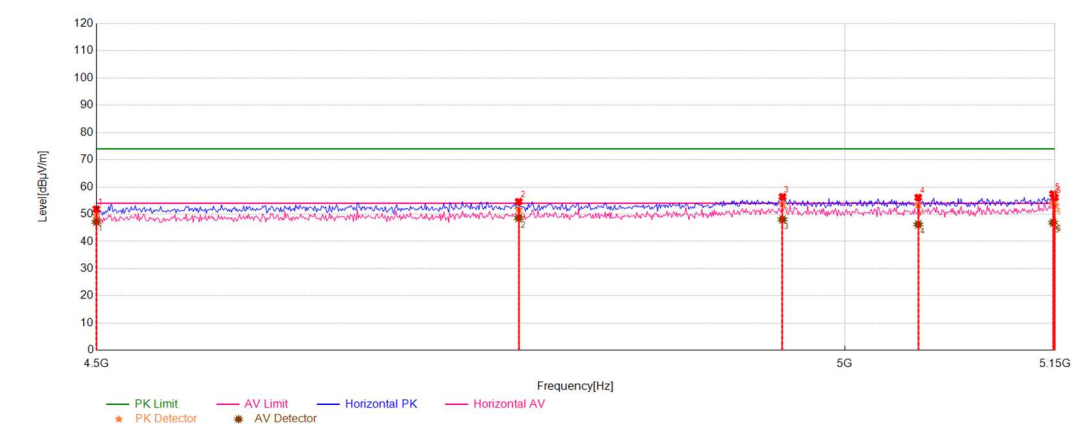
Mode:	802.11n HT20-5825MHz
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Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2104.44	46.63	7.76	68.23	21.60	150	29	Vertical
2	2597.20	46.36	8.23	68.23	21.87	150	310	Vertical
3	3242.87	48.62	9.60	68.23	19.61	150	9	Vertical
4	8935.31	46.29	-7.61	68.23	21.94	150	103	Vertical
5	10992.1	48.82	-3.99	74.00	25.18	150	199	Vertical
6	11653.9	51.73	-2.82	74.00	22.27	150	108	Vertical

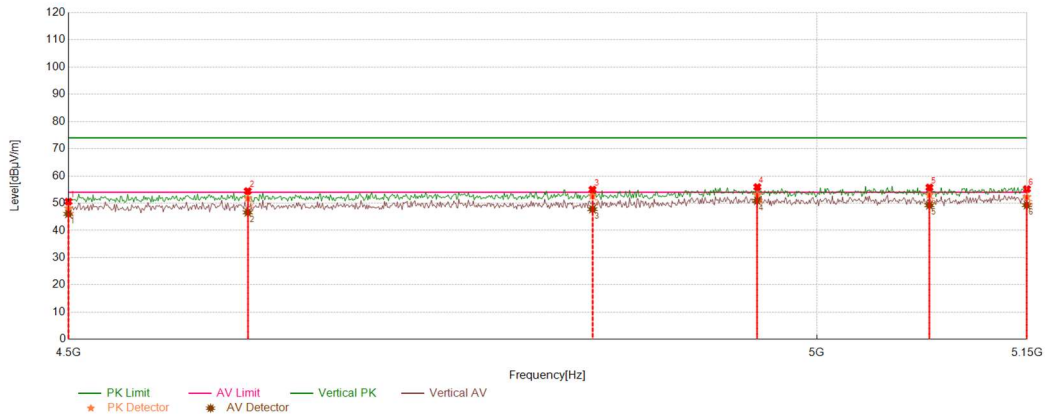
Out of Band result

Mode:	802.11a-5180MHz
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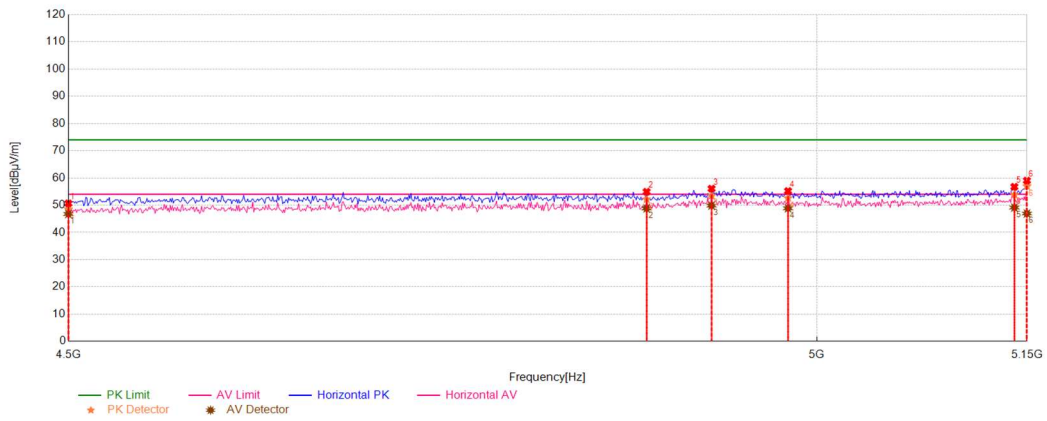
Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	4500	12.97	49.61	74.00	24.39	47.19	54.00	6.81	150	255	Horizontal	PASS
2	4775.6	14.51	51.73	74.00	22.27	48.61	54.00	5.39	150	151	Horizontal	PASS
3	4956.3	14.29	53.87	74.00	20.13	48.05	54.00	5.95	150	277	Horizontal	PASS
4	5051.85	14.29	53.43	74.00	20.57	46.25	54.00	7.75	150	360	Horizontal	PASS
5	5148.7	16.64	54.46	74.00	19.54	46.89	54.00	7.11	150	100	Horizontal	PASS
6	5150	16.89	53.38	74.00	20.62	47.35	54.00	6.65	150	250	Horizontal	PASS

Mode:	802.11a-5180MHz
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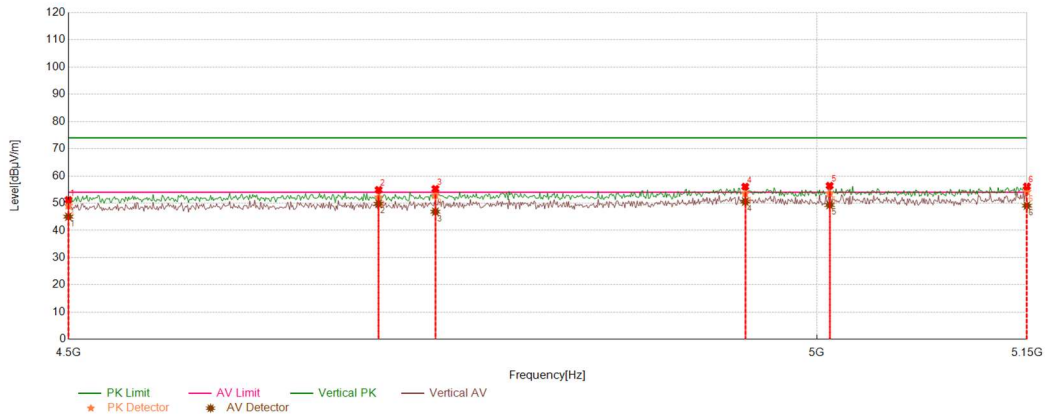
Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	4500	12.97	48.13	74.00	25.87	46.06	54.00	7.94	150	176	Vertical	PASS
2	4615.05	13.51	51.82	74.00	22.18	46.63	54.00	7.37	150	110	Vertical	PASS
3	4844.5	14.54	52.72	74.00	21.28	47.82	54.00	6.18	150	349	Vertical	PASS
4	4958.25	14.29	52.99	74.00	21.01	50.91	54.00	3.09	150	17	Vertical	PASS
5	5079.8	14.35	53.05	74.00	20.95	49.23	54.00	4.77	150	110	Vertical	PASS
6	5150	16.89	52.31	74.00	21.69	49.29	54.00	4.71	150	48	Vertical	PASS

Mode:	802.11n HT20-5180MHz
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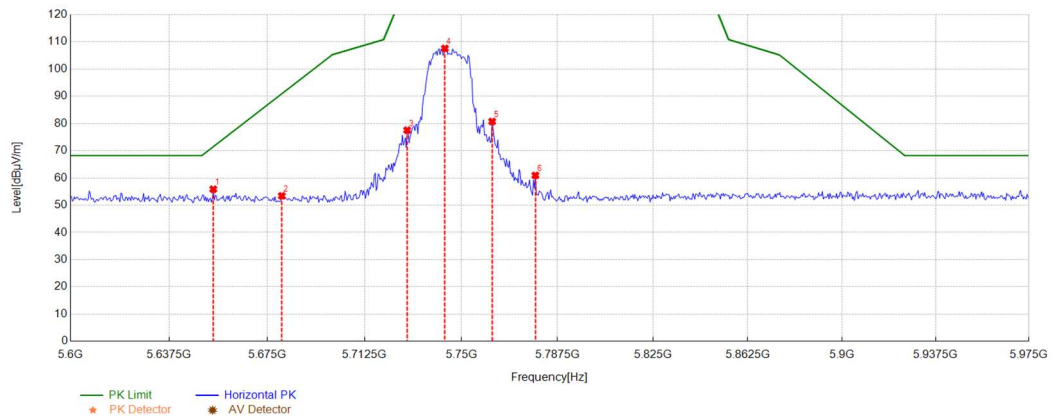
Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	4500	12.97	48.52	74.00	25.48	46.79	54.00	7.21	150	66	Horizontal	PASS
2	4881.55	14.40	52.15	74.00	21.85	48.82	54.00	5.18	150	147	Horizontal	PASS
3	4926.4	14.31	53.49	74.00	20.51	49.86	54.00	4.14	150	276	Horizontal	PASS
4	4979.7	14.28	52.62	74.00	21.38	48.88	54.00	5.12	150	344	Horizontal	PASS
5	5140.9	15.79	53.88	74.00	20.12	49.14	54.00	4.86	150	358	Horizontal	PASS
6	5150	16.89	57.00	74.00	17.00	46.94	54.00	7.06	150	181	Horizontal	PASS

Mode:	802.11n HT20-5180MHz
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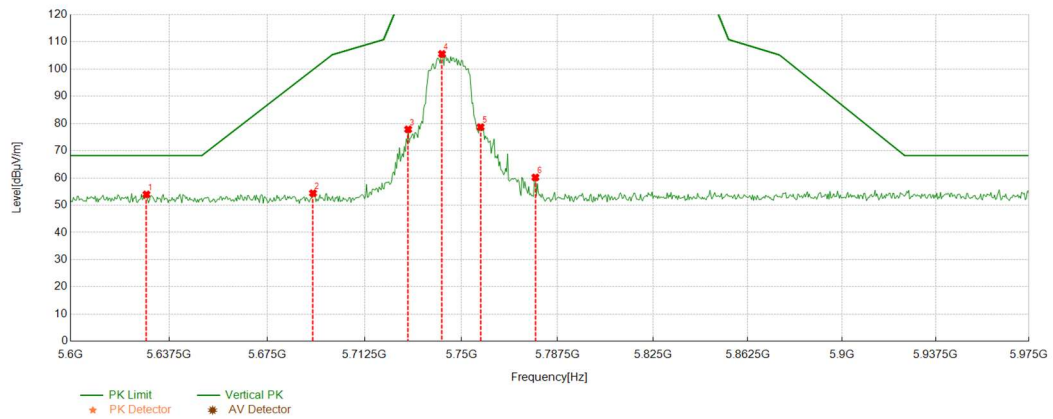
Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	4500	12.97	49.10	74.00	24.90	45.06	54.00	8.94	150	324	Vertical	PASS
2	4700.85	14.02	52.14	74.00	21.86	49.81	54.00	4.19	150	34	Vertical	PASS
3	4738.55	14.30	52.87	74.00	21.13	46.88	54.00	7.12	150	50	Vertical	PASS
4	4949.8	14.30	53.51	74.00	20.49	50.58	54.00	3.42	150	133	Vertical	PASS
5	5008.95	14.27	53.57	74.00	20.43	49.34	54.00	4.66	150	150	Vertical	PASS
6	5150	16.89	54.17	74.00	19.83	49.11	54.00	4.89	150	209	Vertical	PASS

Mode:	802.11a -5745MHz
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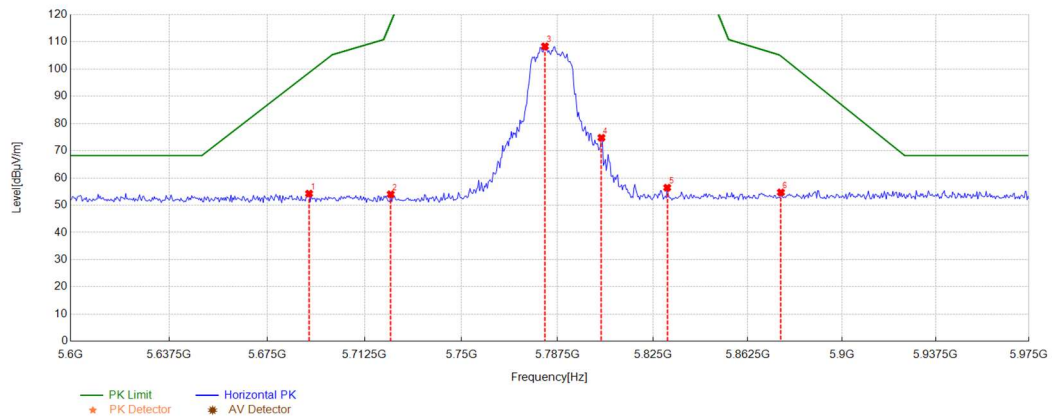
Final Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5654.37	55.87	14.89	71.48	15.61	150	116	Horizontal
2	5680.62	53.44	14.93	90.91	37.47	150	181	Horizontal
3	5729	77.54	14.87	122.20	44.66	150	197	Horizontal
4	5743.62	107.55	14.83	122.20	14.65	150	112	Horizontal
5	5762	80.72	14.77	122.20	41.48	150	320	Horizontal
6	5778.87	60.94	14.72	122.20	61.26	150	281	Horizontal

Mode:	802.11a-5745MHz
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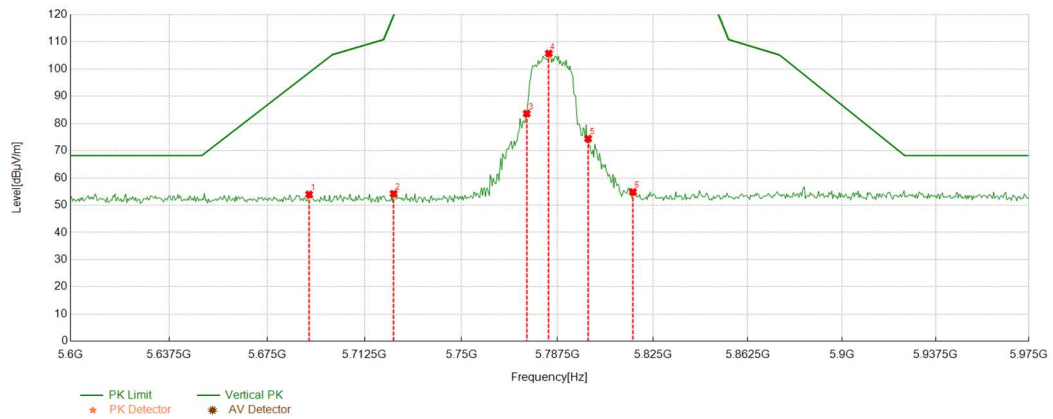
Final Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5628.87	53.97	14.85	68.23	14.26	150	224	Vertical
2	5692.62	54.40	14.95	99.77	45.37	150	169	Vertical
3	5729.37	77.85	14.87	122.20	44.35	150	125	Vertical
4	5742.5	105.54	14.83	122.20	16.66	150	116	Vertical
5	5757.5	78.68	14.79	122.20	43.52	150	130	Vertical
6	5778.87	60.19	14.72	122.20	62.01	150	128	Vertical

Mode:	802.11a -5785MHz
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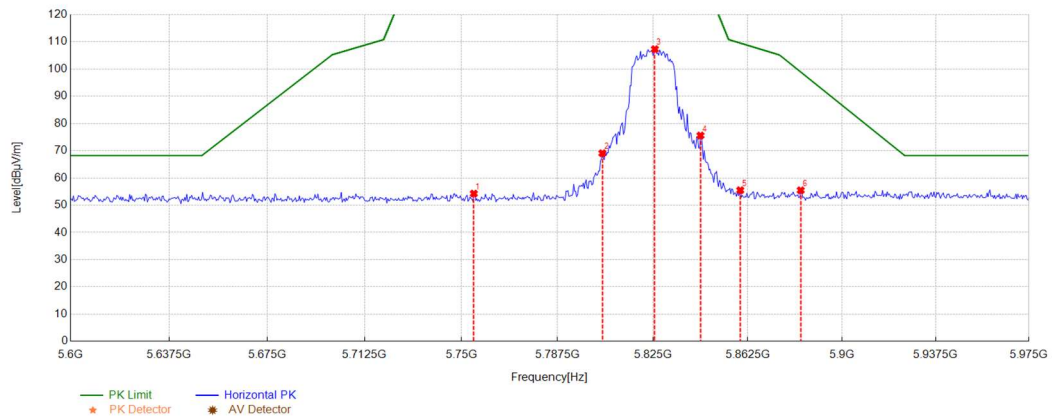
Final Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5691.12	54.27	14.94	98.66	44.39	150	146	Horizontal
2	5722.62	54.02	14.89	116.79	62.77	150	123	Horizontal
3	5782.62	108.32	14.71	122.20	13.88	150	111	Horizontal
4	5804.75	74.77	14.68	122.20	47.43	150	111	Horizontal
5	5830.62	56.43	14.77	122.20	65.77	150	11	Horizontal
6	5875.62	54.72	14.97	104.74	50.02	150	109	Horizontal

Mode:	802.11a-5785MHz
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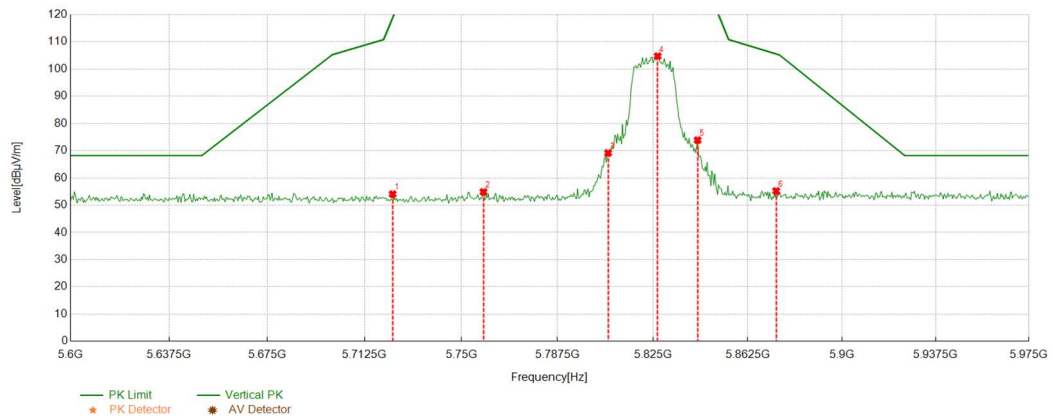
Final Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5691.12	53.97	14.94	98.66	44.69	150	172	Vertical
2	5723.75	54.23	14.89	119.35	65.12	150	19	Vertical
3	5775.5	83.64	14.73	122.20	38.56	150	329	Vertical
4	5784.12	105.72	14.71	122.20	16.48	150	167	Vertical
5	5799.5	74.44	14.66	122.20	47.76	150	151	Vertical
6	5817.12	54.88	14.72	122.20	67.32	150	156	Vertical

Mode:	802.11a-5825MHz
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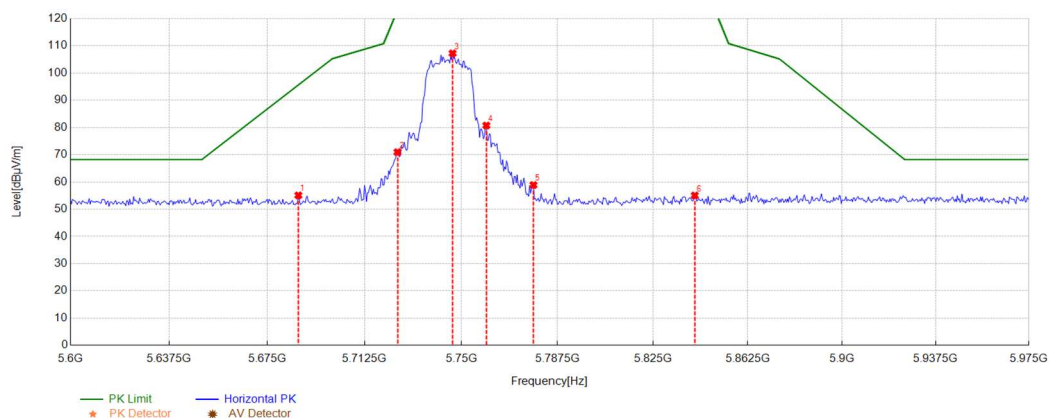
Final Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5754.87	54.27	14.80	122.20	67.93	150	22	Horizontal
2	5805.12	69.07	14.68	122.20	53.13	150	189	Horizontal
3	5825.75	107.29	14.75	122.20	14.91	150	111	Horizontal
4	5843.75	75.59	14.82	122.20	46.61	150	95	Horizontal
5	5859.5	55.50	14.89	109.54	54.04	150	329	Horizontal
6	5883.5	55.48	15.02	98.89	43.41	150	95	Horizontal

Mode:	802.11a-5825MHz
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Final Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5723.37	54.08	14.89	118.50	64.42	150	133	Vertical
2	5758.62	54.90	14.78	122.20	67.30	150	284	Vertical
3	5807.37	69.19	14.68	122.20	53.01	150	119	Vertical
4	5826.87	104.73	14.75	122.20	17.47	150	174	Vertical
5	5842.62	73.89	14.81	122.20	48.31	150	342	Vertical
6	5873.75	55.24	14.97	105.55	50.31	150	259	Vertical

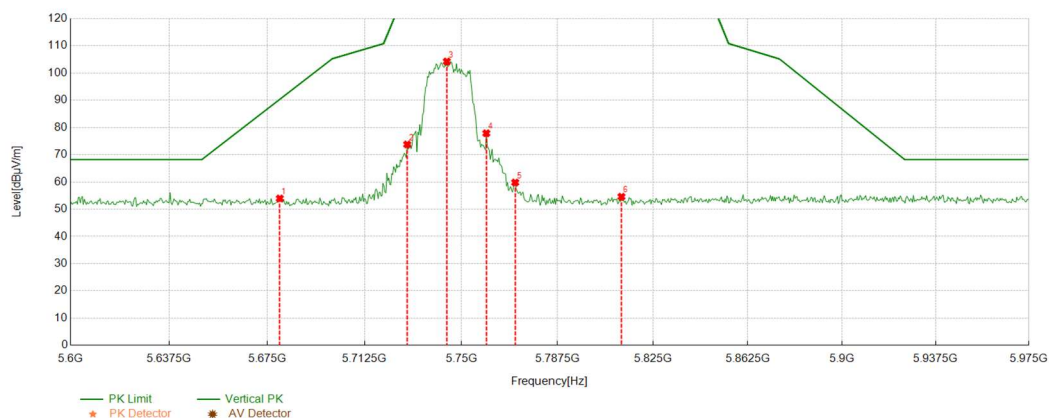
Mode: 802.11n HT20-5745MHz



Final Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5687	55.09	14.94	95.62	40.53	150	227	Horizontal
2	5725.25	70.94	14.88	122.20	51.26	150	50	Horizontal
3	5746.62	107.22	14.82	122.20	14.98	150	238	Horizontal
4	5759.75	80.73	14.78	122.20	41.47	150	116	Horizontal
5	5778.12	58.88	14.73	122.20	63.32	150	234	Horizontal
6	5841.5	55.05	14.80	122.20	67.15	150	30	Horizontal

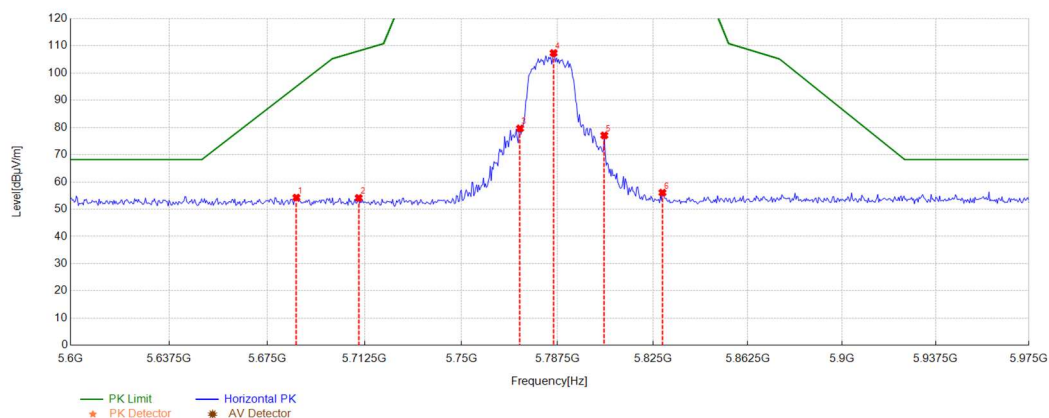
Mode: 802.11n HT20-5745MHz



Final Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5679.87	53.95	14.93	90.36	36.41	150	355	Vertical
2	5729	73.78	14.87	122.20	48.42	150	115	Vertical
3	5744.37	104.23	14.83	122.20	17.97	150	113	Vertical
4	5759.75	77.88	14.78	122.20	44.32	150	104	Vertical
5	5771	59.81	14.75	122.20	62.39	150	120	Vertical
6	5812.62	54.60	14.71	122.20	67.60	150	90	Vertical

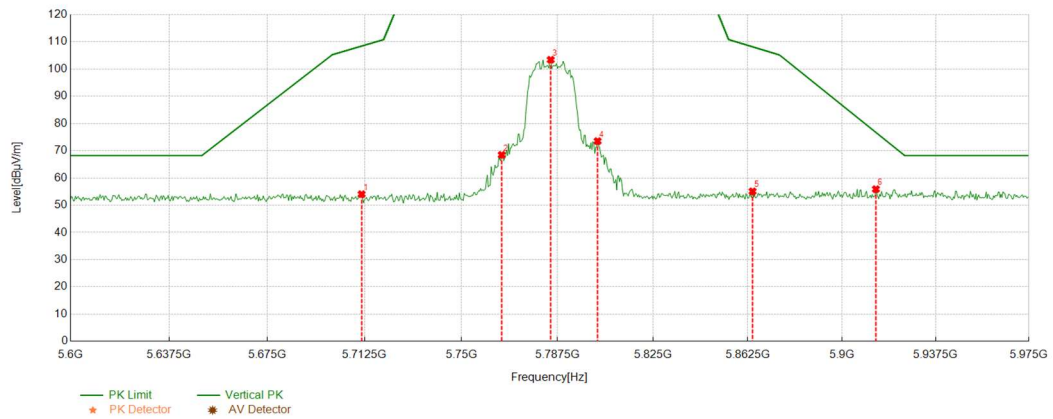
Mode: 802.11n HT20-5785MHz



Final Data List

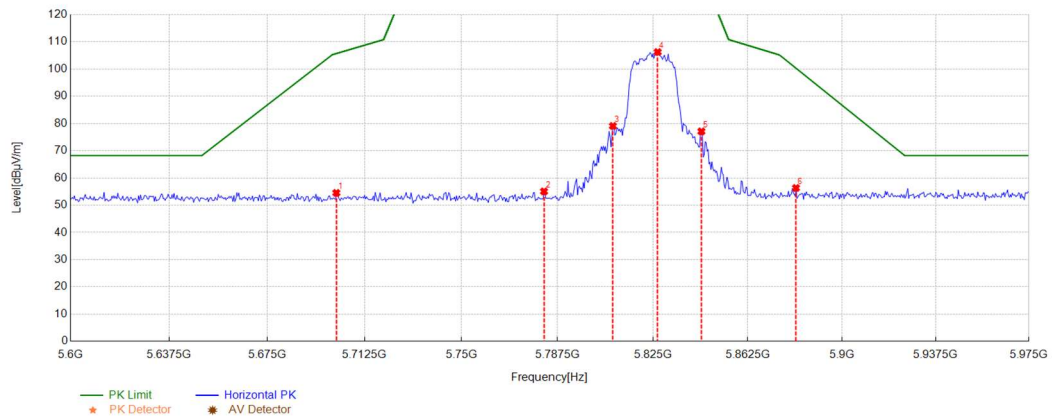
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1	5686.25	54.26	14.94	95.07	40.81	150	331	Horizontal
2	5710.25	54.14	14.93	108.07	53.93	150	32	Horizontal
3	5772.87	79.66	14.74	122.20	42.54	150	23	Horizontal
4	5786	107.34	14.70	122.20	14.86	150	59	Horizontal
5	5805.87	77.11	14.68	122.20	45.09	150	64	Horizontal
6	5828.75	56.07	14.76	122.20	66.13	150	43	Horizontal

Mode:	802.11n HT20-5785MHz
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Final Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5711.37	54.05	14.93	108.39	54.34	150	133	Vertical
2	5765.75	68.48	14.76	122.20	53.72	150	77	Vertical
3	5784.87	103.39	14.71	122.20	18.81	150	110	Vertical
4	5803.25	73.52	14.67	122.20	48.68	150	117	Vertical
5	5864.37	55.08	14.92	108.17	53.09	150	155	Vertical
6	5913.5	55.89	15.12	76.71	20.82	150	106	Vertical

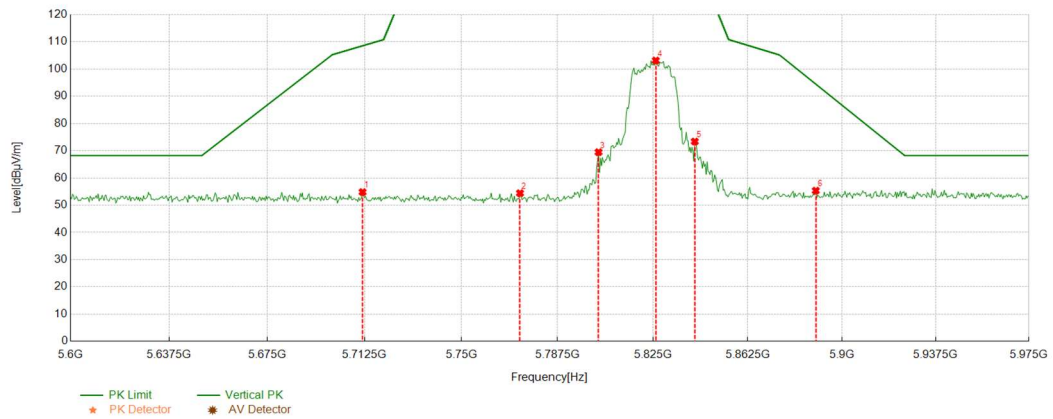
Mode: 802.11n HT20-5825MHz



Final Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5701.62	54.52	14.96	105.66	51.14	150	72	Horizontal
2	5782.25	55.06	14.71	122.20	67.14	150	179	Horizontal
3	5809.25	79.09	14.69	122.20	43.11	150	44	Horizontal
4	5826.87	106.23	14.75	122.20	15.97	150	238	Horizontal
5	5844.12	77.11	14.82	122.20	45.09	150	111	Horizontal
6	5881.62	56.33	15.01	100.28	43.95	150	88	Horizontal

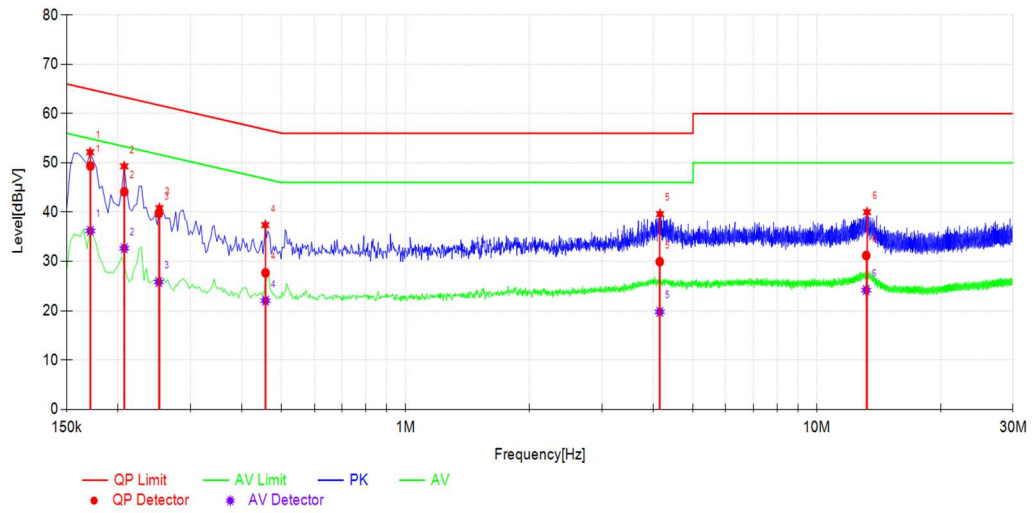
Mode: 802.11n HT20-5825MHz



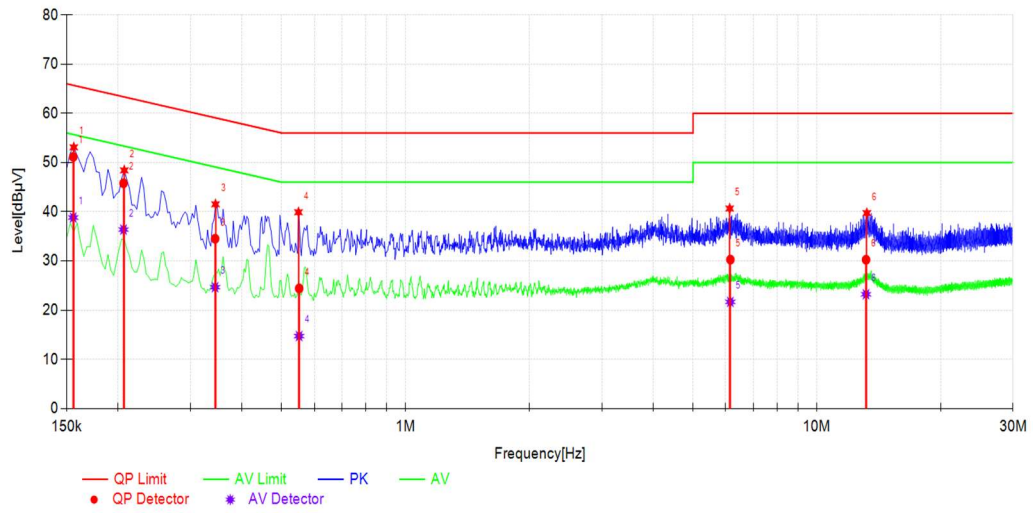
Final Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5711.75	54.83	14.92	108.49	53.66	150	244	Vertical
2	5772.87	54.42	14.74	122.20	67.78	150	344	Vertical
3	5803.62	69.47	14.68	122.20	52.73	150	123	Vertical
4	5826.12	103.12	14.75	122.20	19.08	150	121	Vertical
5	5841.5	73.38	14.80	122.20	48.82	150	74	Vertical
6	5889.5	55.35	15.05	94.45	39.10	150	198	Vertical

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]	Polarity	Verdict
1	0.1712	10.35	49.38	64.90	15.52	36.22	54.90	18.68	N	PASS
2	0.2070	10.35	44.13	63.32	19.19	32.68	53.32	20.64	N	PASS
3	0.2511	10.33	39.77	61.72	21.95	25.84	51.72	25.88	N	PASS
4	0.4564	10.26	27.70	56.76	29.06	22.05	46.76	24.71	N	PASS
5	4.1506	10.40	29.96	56.00	26.04	19.78	46.00	26.22	N	PASS
6	13.1884	10.58	31.21	60.00	28.79	24.19	50.00	25.81	N	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]	Polarity	Verdict
1	0.1555	10.26	51.15	65.70	14.55	38.83	55.70	16.87	L1	PASS
2	0.2061	10.35	45.79	63.36	17.57	36.37	53.36	16.99	L1	PASS
3	0.3442	10.30	34.52	59.10	24.58	24.67	49.10	24.43	L1	PASS
4	0.5510	10.25	24.42	56.00	31.58	14.74	46.00	31.26	L1	PASS
5	6.1629	10.38	30.28	60.00	29.72	21.69	50.00	28.31	L1	PASS
6	13.1752	10.51	30.25	60.00	29.75	23.23	50.00	26.77	L1	PASS