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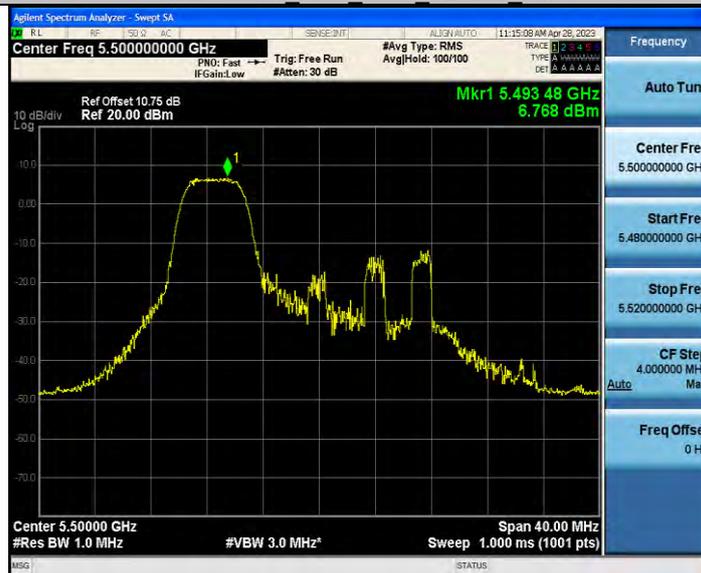


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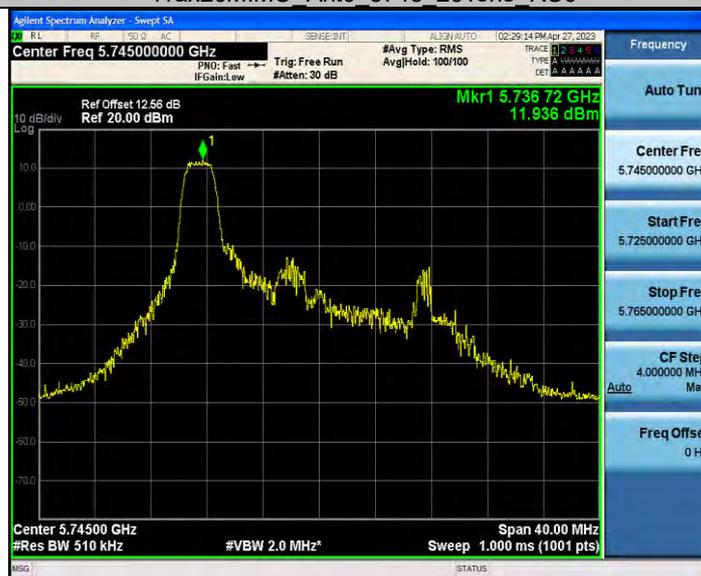
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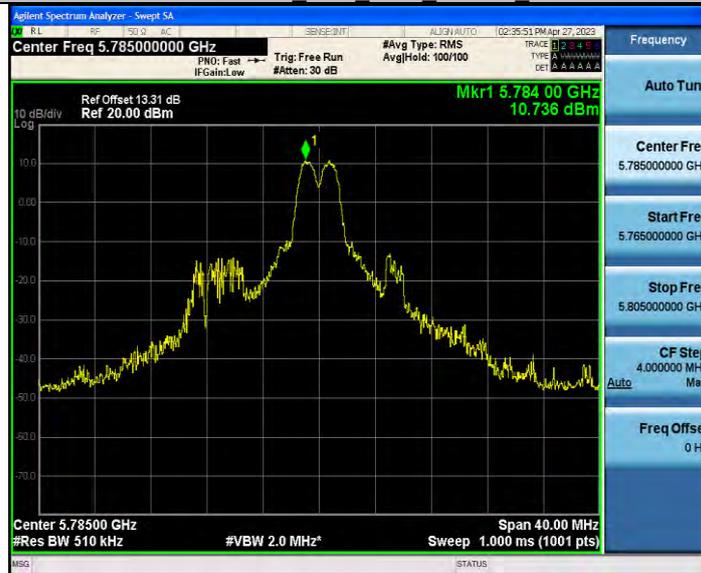


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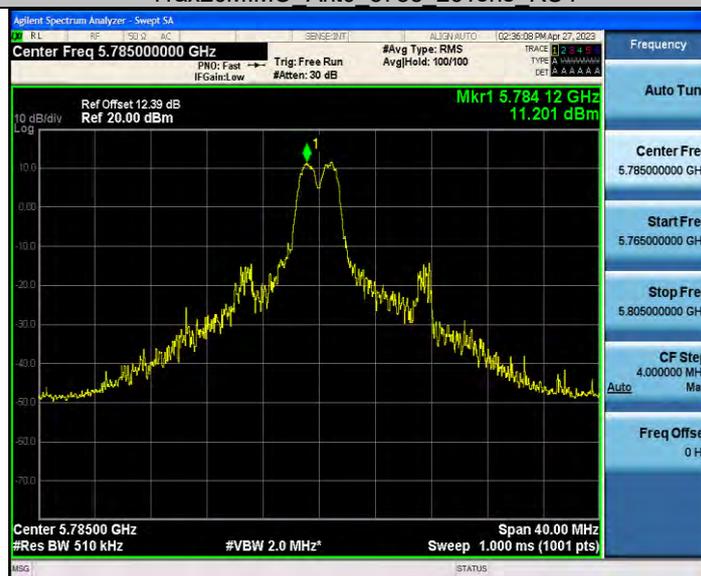


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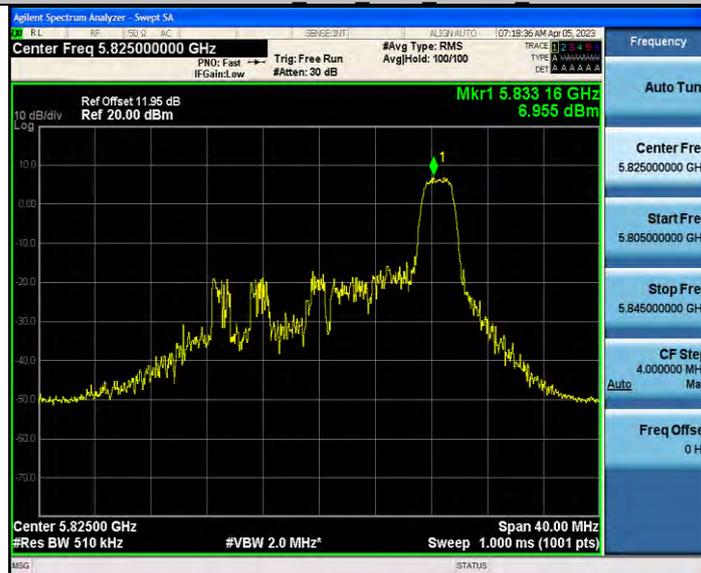


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11ax20MIMO Ant1 5825 106Tone RU54



11ax20MIMO Ant0 5825 26Tone RU8



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11ax20MIMO Ant0 5825 52Tone RU40



11ax20MIMO Ant0 5825 106Tone RU54



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11ax40MIMO Ant1 5190 242Tone RU61



11ax40MIMO Ant0 5190 242Tone RU61



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11ax40MIMO Ant1 5270 242Tone RU61



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11ax40MIMO Ant1 5310 242Tone RU62



11ax40MIMO Ant0 5310 242Tone RU62



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11ax80MIMO Ant1 5290 484Tone RU66



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DFS Detection Thresholds Test Result

TestMode	Frequency[dbm]	Radar Type	Result	Gain	Limit[dbm]	Verdict
11ax20MIMO	5260	Type0	-59.42	2.66	-59.34	PASS
	5500	Type0	-58.55	3.93	-58.07	PASS
11ax160MIMO	5250	Type0	-59.57	2.66	-59.34	PASS
	5570	Type0	-58.20	3.93	-58.07	PASS

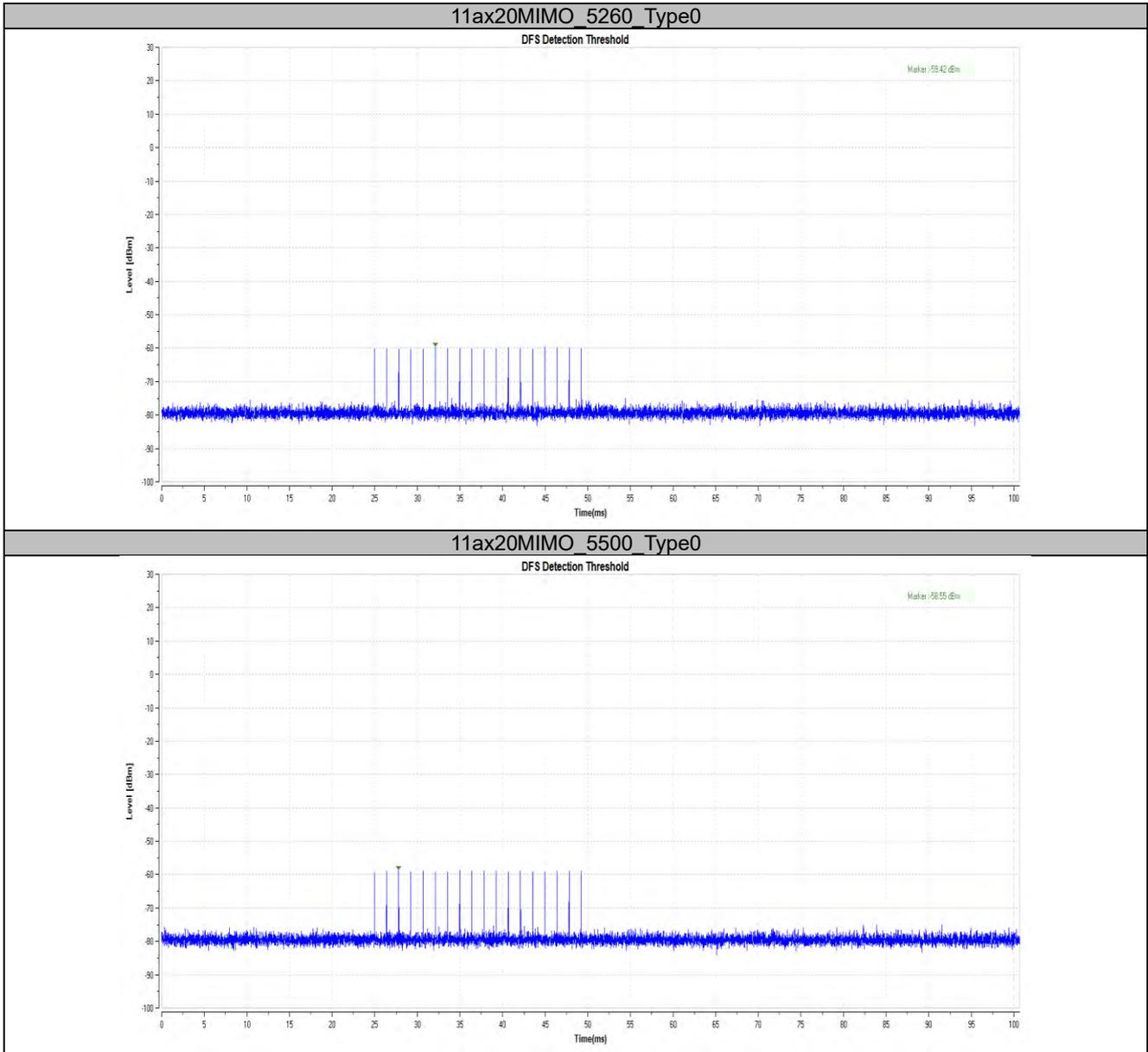


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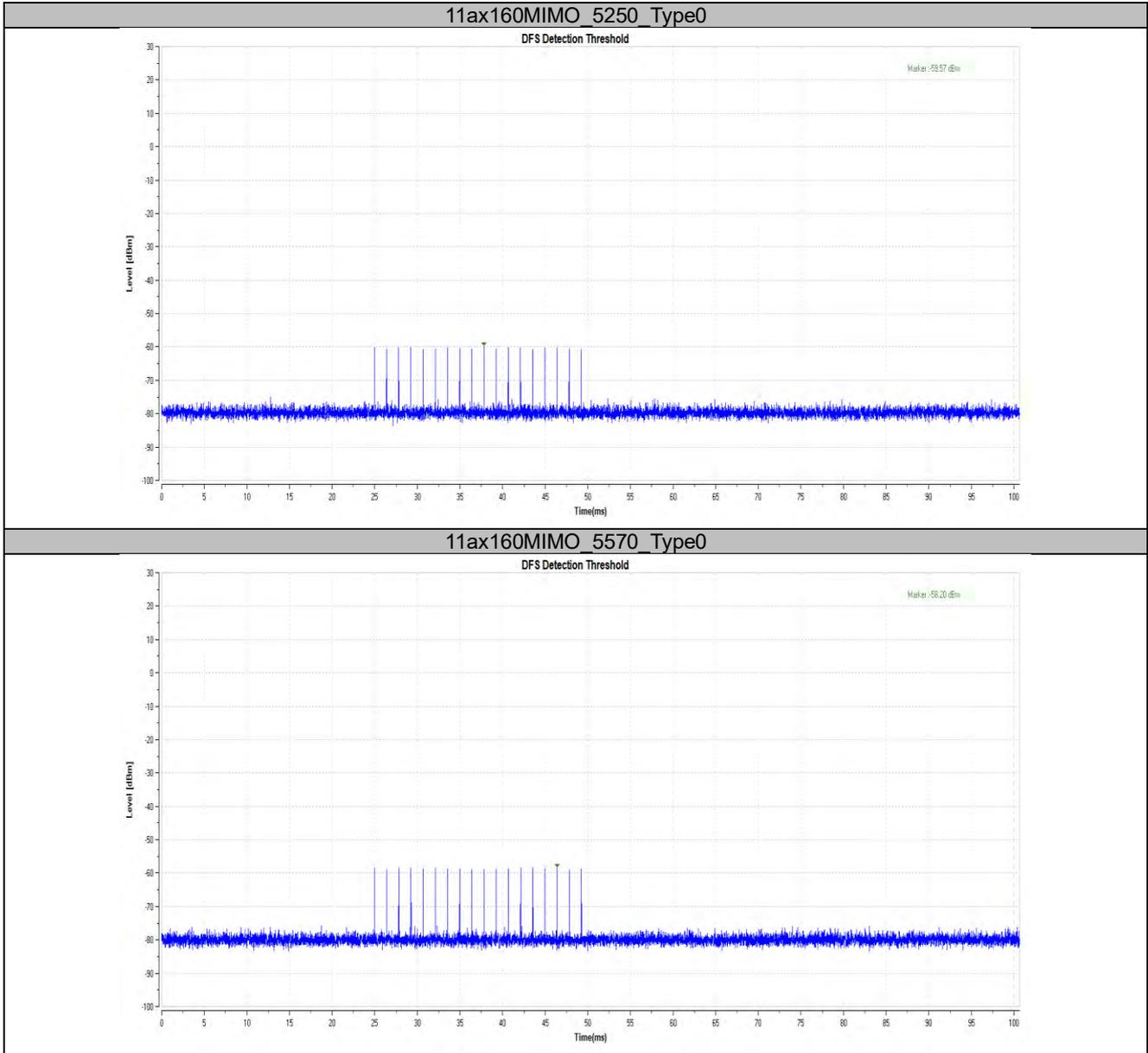
Test Graphs



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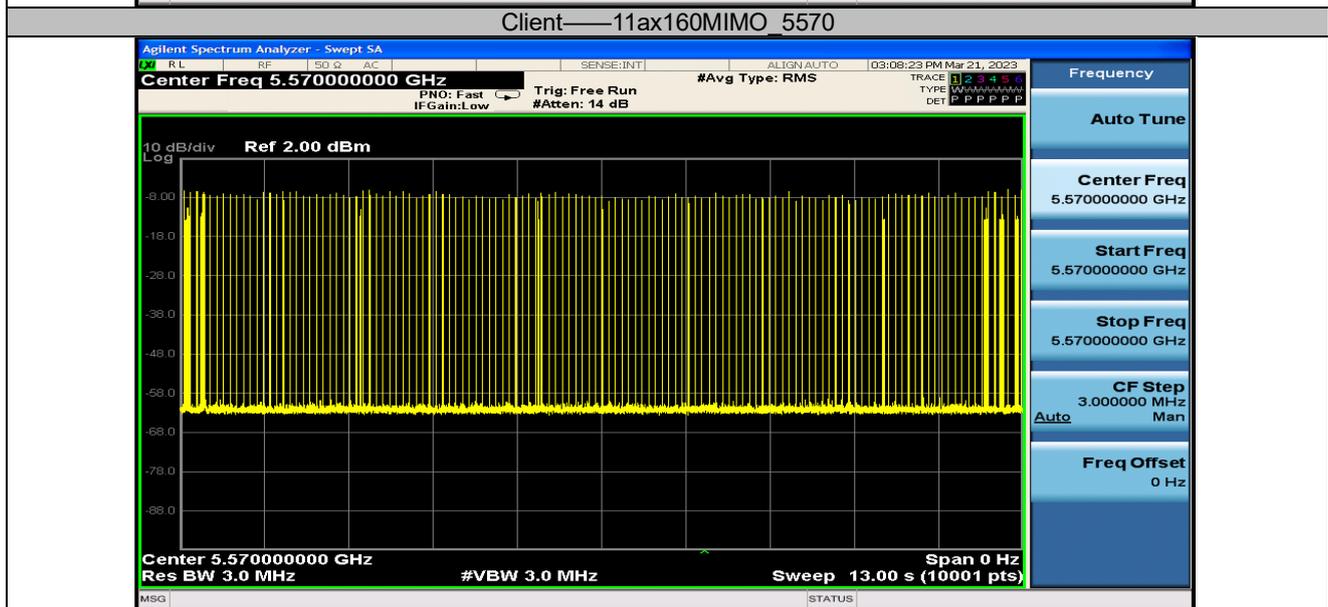
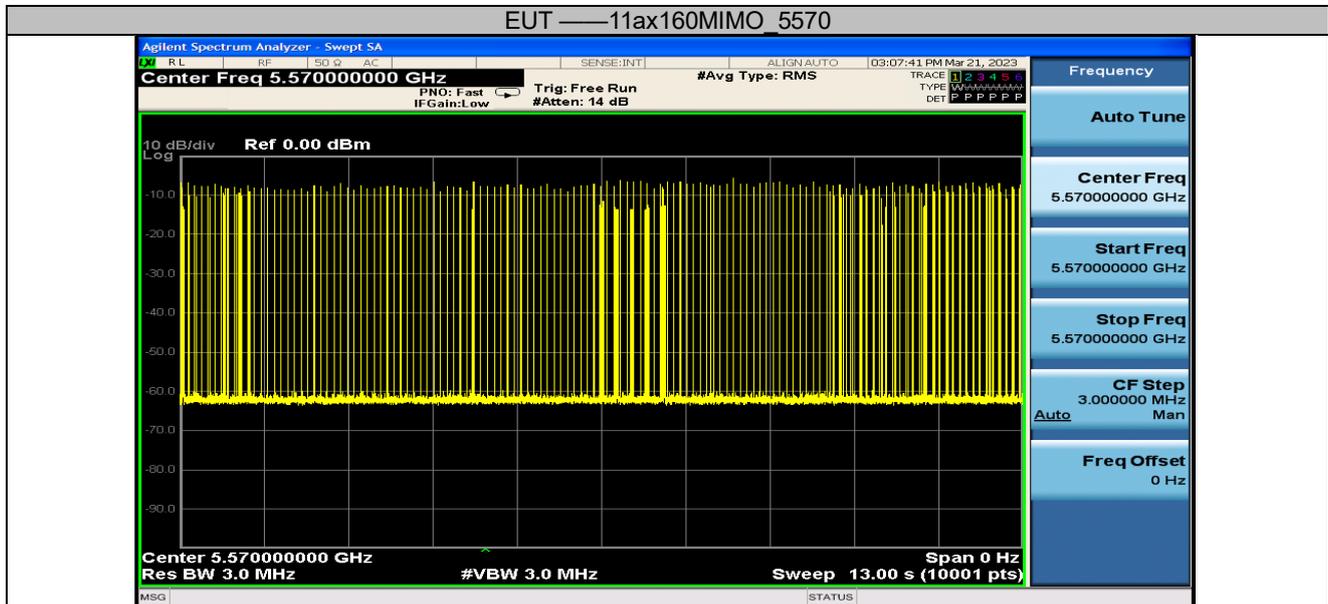
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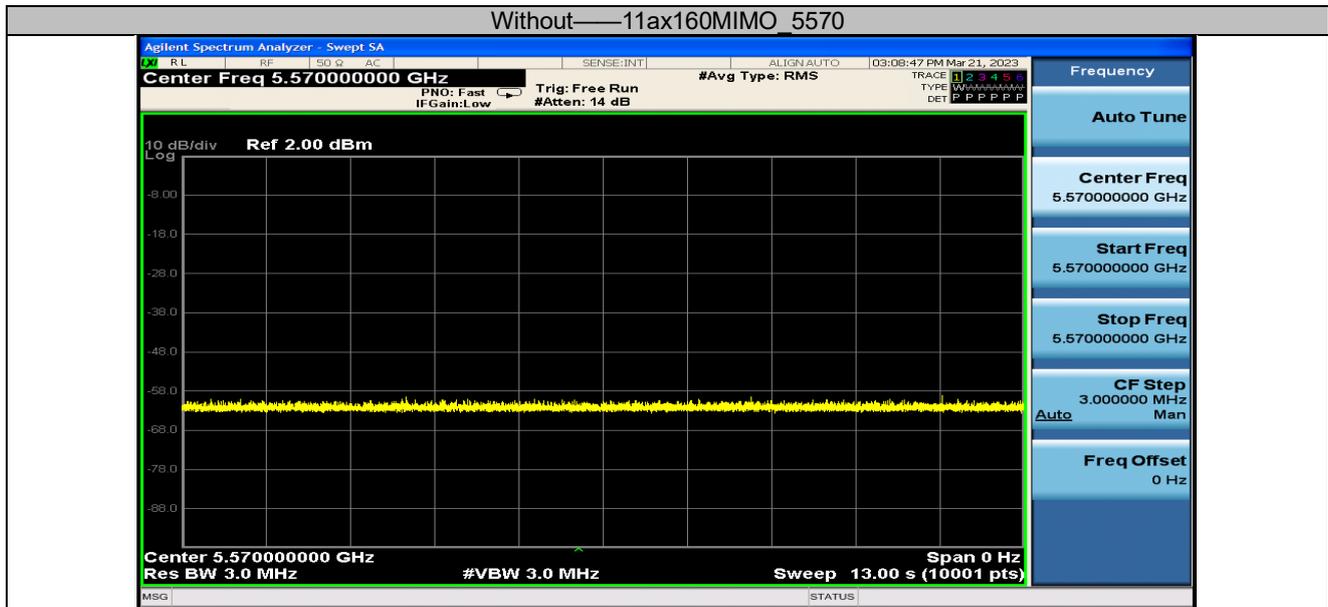
Data Traffic Plot
 Test Graphs



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Channel Move Time and Channel Closing Transmission Time Test Result

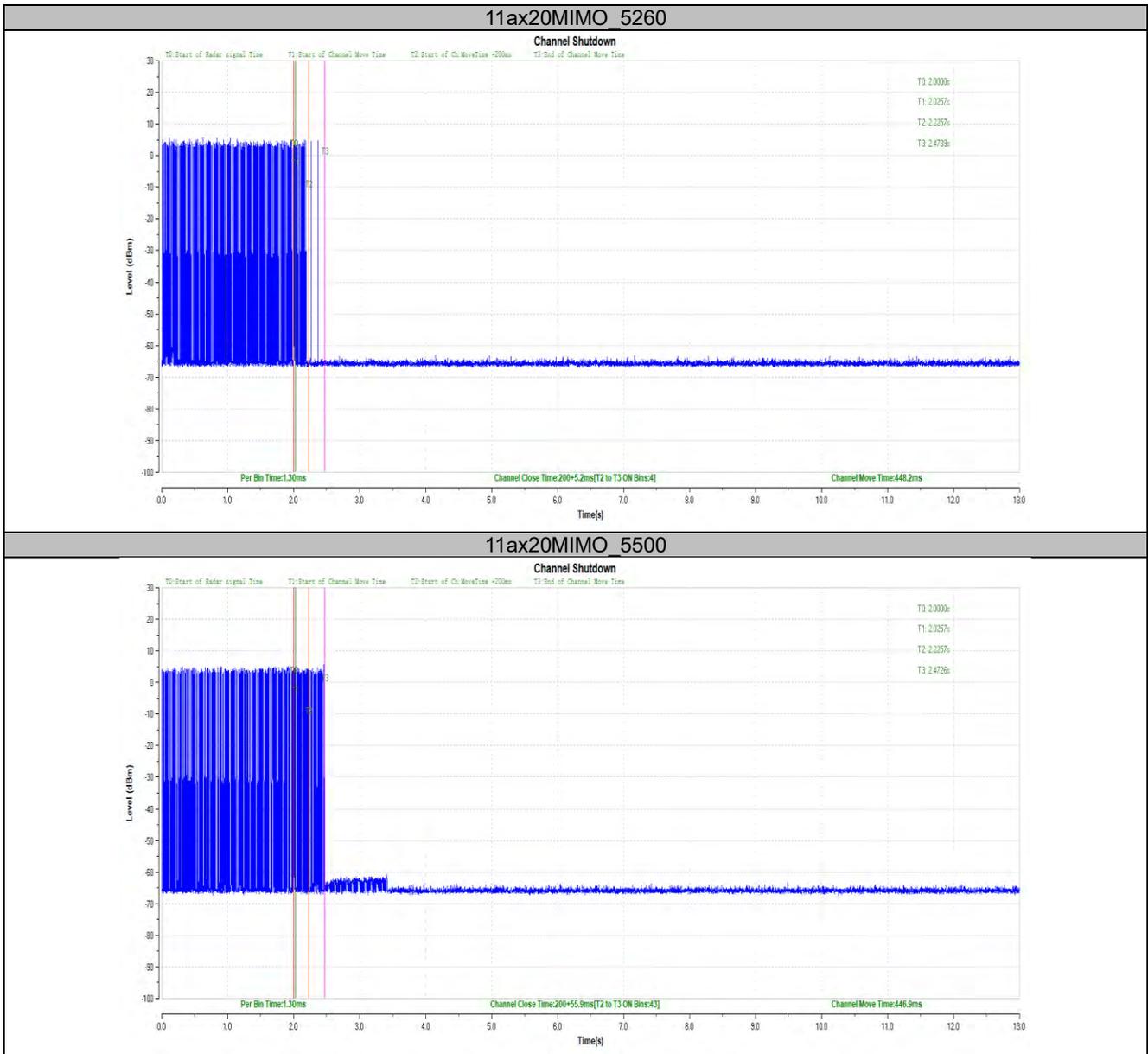
TestMode	Frequency[MHz]	CCTT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11ax20MIMO	5260	200+5.2	200+60	448.2	10000	PASS
	5500	200+55.9	200+60	446.9	10000	PASS
11ax160MIMO	5250	200+11.7	200+60	937	10000	PASS
	5570	200+14.3	200+60	999.4	10000	PASS



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Test Graphs

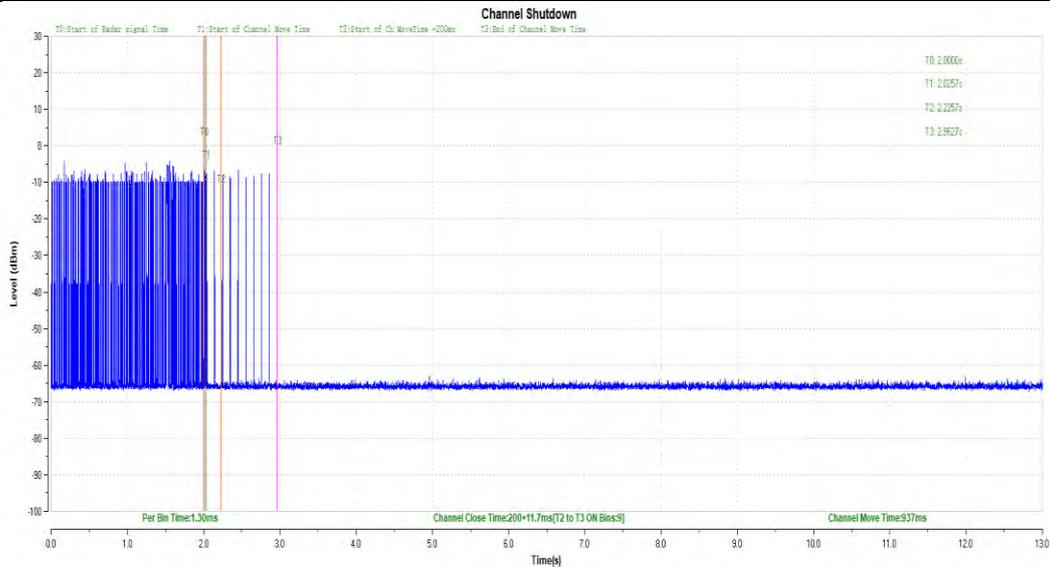


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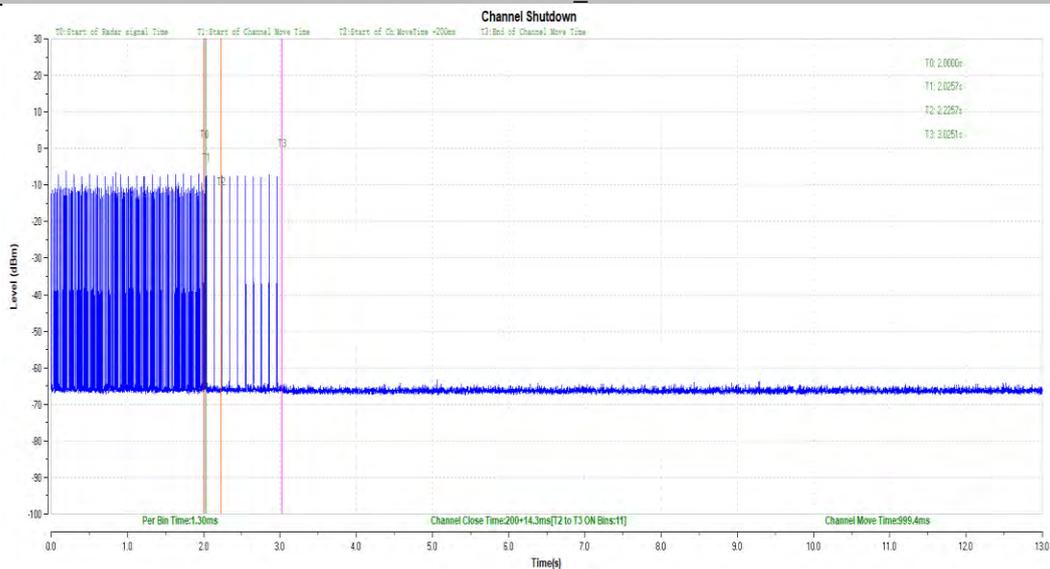
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11ax160MIMO_5250



11ax160MIMO_5570



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Non-Occupancy Period

Test Result

TestMode	Frequency[MHz]	Result	Limit[s]	Verdict
11ax20MIMO	5260	see test graph	≥1800	PASS
	5500	see test graph	≥1800	PASS
11ax160MIMO	5250	see test graph	≥1800	PASS
	5570	see test graph	≥1800	PASS

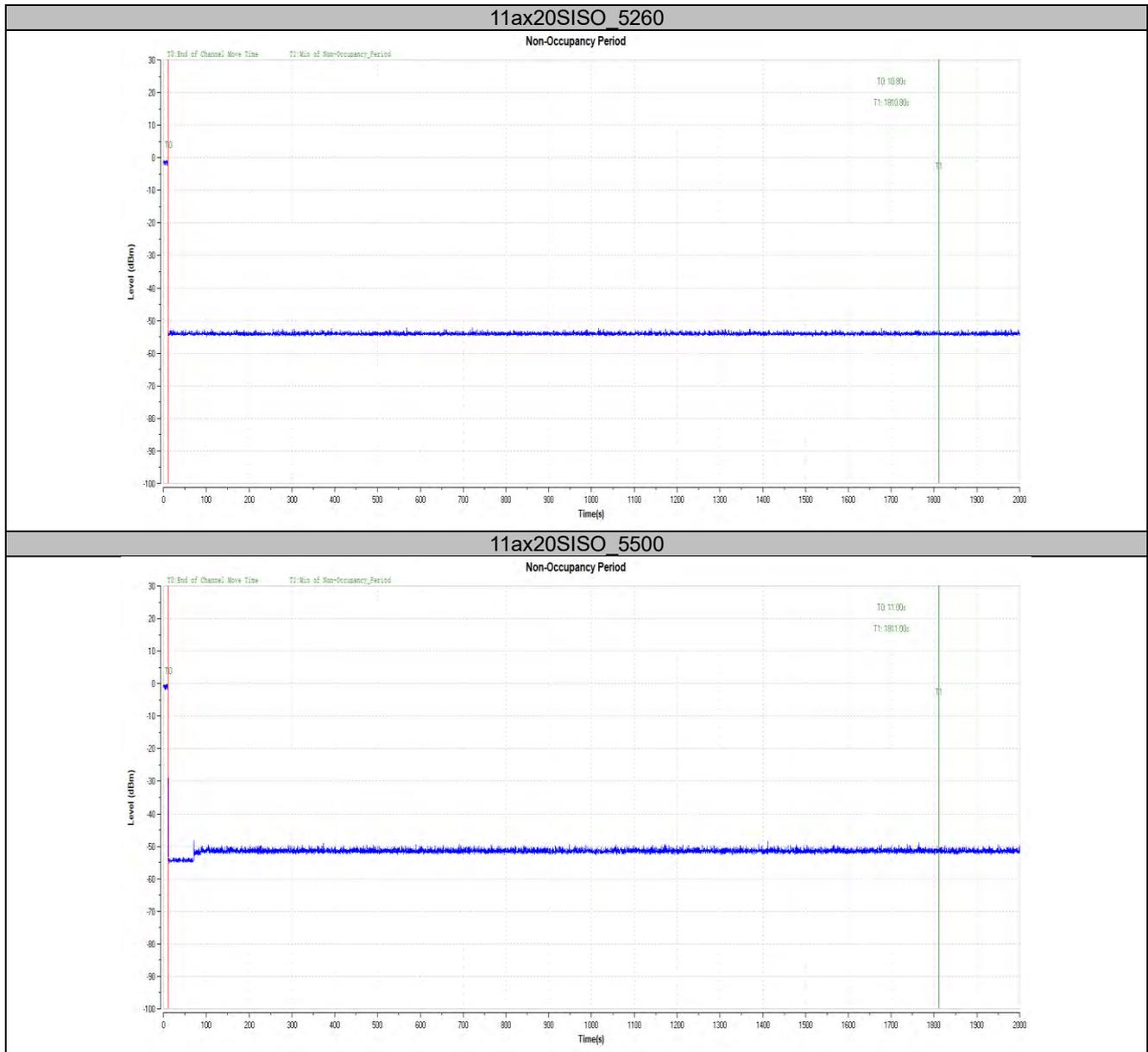


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Test Graphs

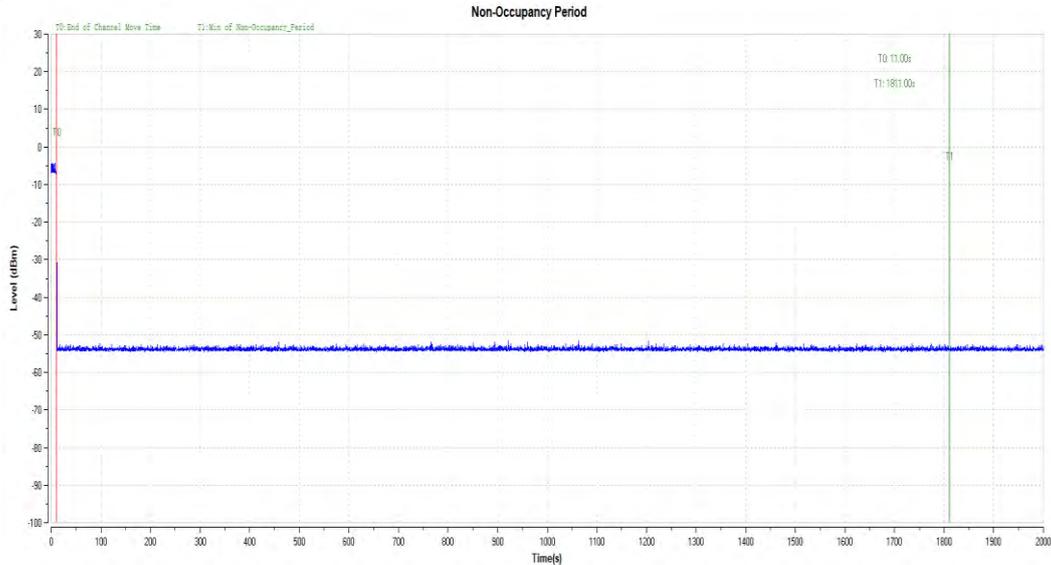


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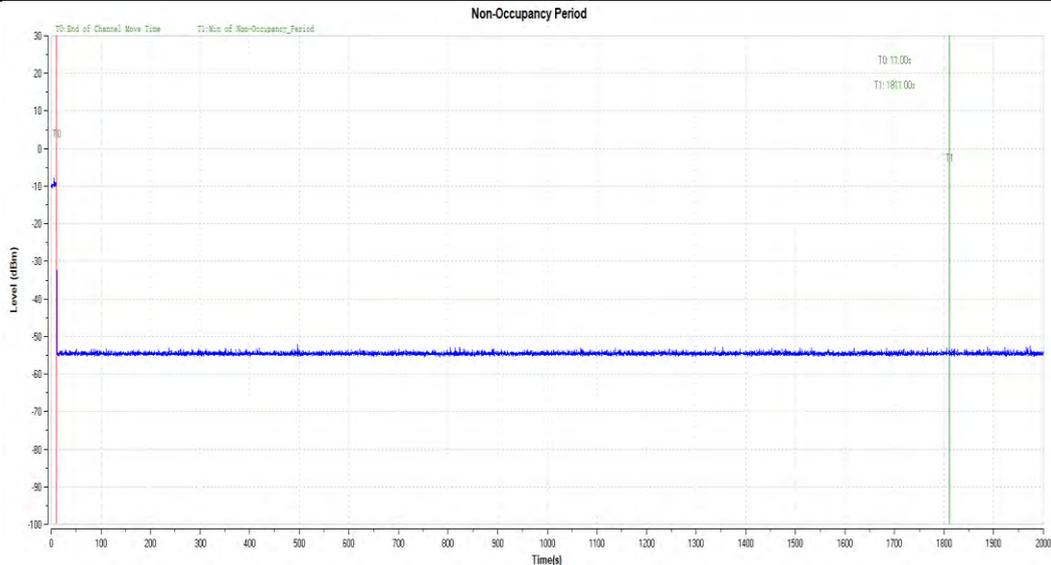
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11ax160MIMO_5250



11ax160MIMO_5570

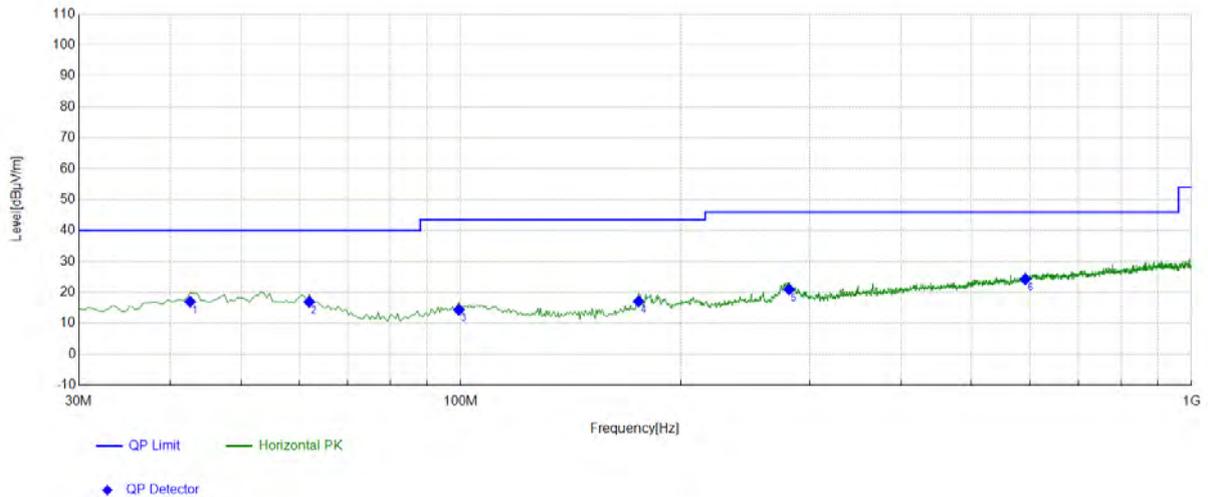


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Radiated Spurious Emissions

Radiated emission below 1GHz

Worst case Mode: 802.11n20_Channel 44

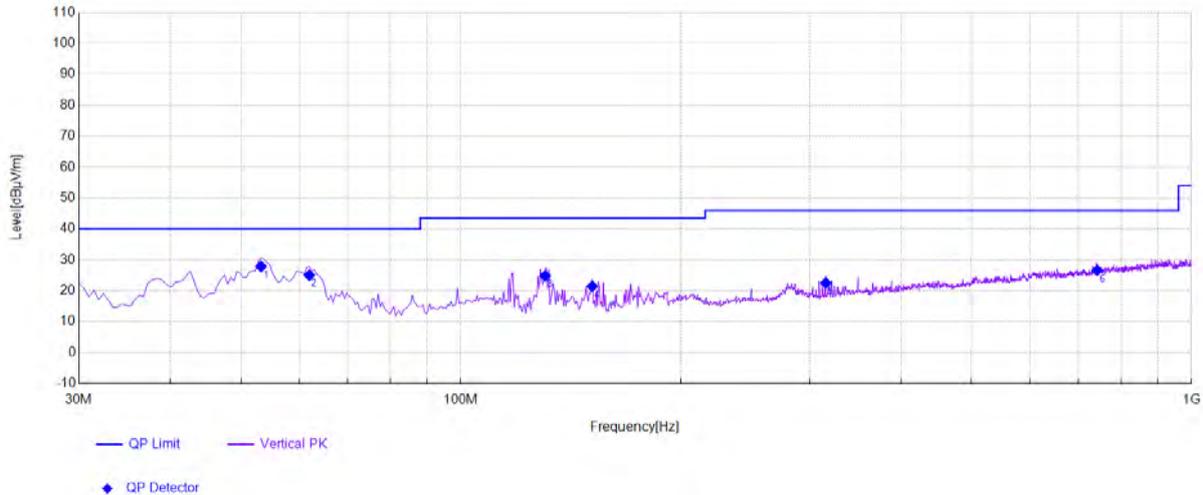


Data List										
NO.	Freq. [MHz]	AF[dB/m]	Factor [dB]	QP Reading[dBμV]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	42.6163	13.62	-27.90	31.27	16.99	40.00	23.01	241	144	Horizontal
2	62.026	12.00	-27.84	32.76	16.92	40.00	23.08	199	123	Horizontal
3	99.3897	11.58	-27.15	29.94	14.37	43.50	29.13	211	297	Horizontal
4	175.0875	9.12	-26.48	34.46	17.10	43.50	26.40	202	240	Horizontal
5	281.3557	12.95	-25.90	33.92	20.97	46.00	25.03	326	125	Horizontal
6	592.3962	18.31	-24.53	30.49	24.27	46.00	21.73	248	197	Horizontal



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1	53.2916	13.94	-27.79	41.74	27.89	40.00	12.11	284	276	Vertical
2	62.026	12.00	-27.84	40.87	25.03	40.00	14.97	192	201	Vertical
3	130.4452	8.07	-26.69	43.45	24.83	43.50	18.67	265	76	Vertical
4	151.3107	7.49	-26.70	40.67	21.46	43.50	22.04	222	132	Vertical
5	315.8079	13.42	-25.90	35	22.52	46.00	23.48	281	73	Vertical
6	742.8214	19.98	-23.99	30.6	26.59	46.00	19.41	198	122	Vertical

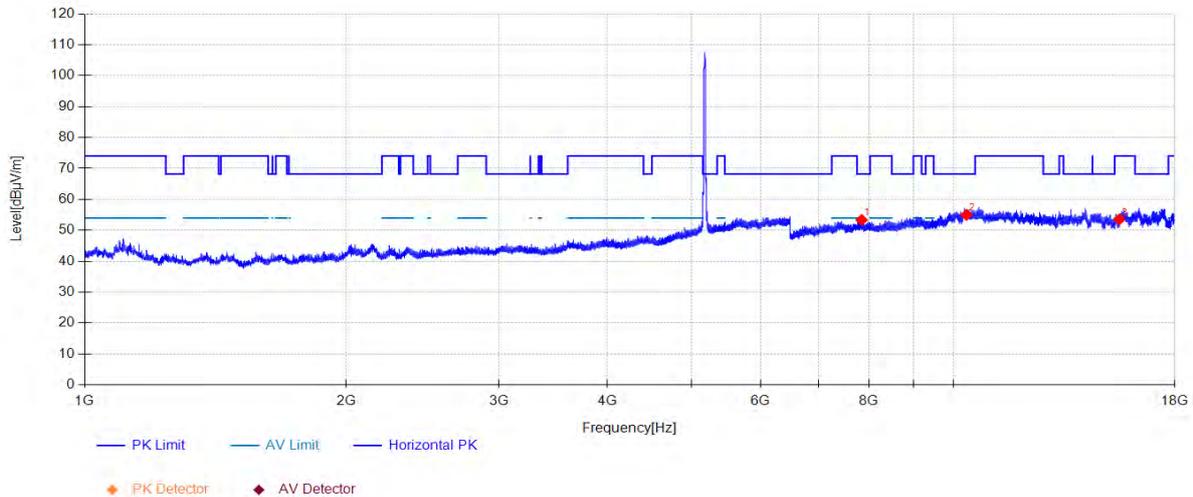
Remark:

- The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier gain. The basic equation with a sample calculation is as follows:
 Value = Reading(dBµV) + AF(dB/m) + Factor(dB):
 AF = Antenna Factor(dB/m)
 Factor = Cable Factor(dB) - Preamplifier gain(dB)
 Margin = Limit(dBµV/m) – Value(dBµV/m)
- All channels have been tested, but only the worst case data displayed in this report.



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Transmitter emission Above 1GHz 802.11a_Channel 36



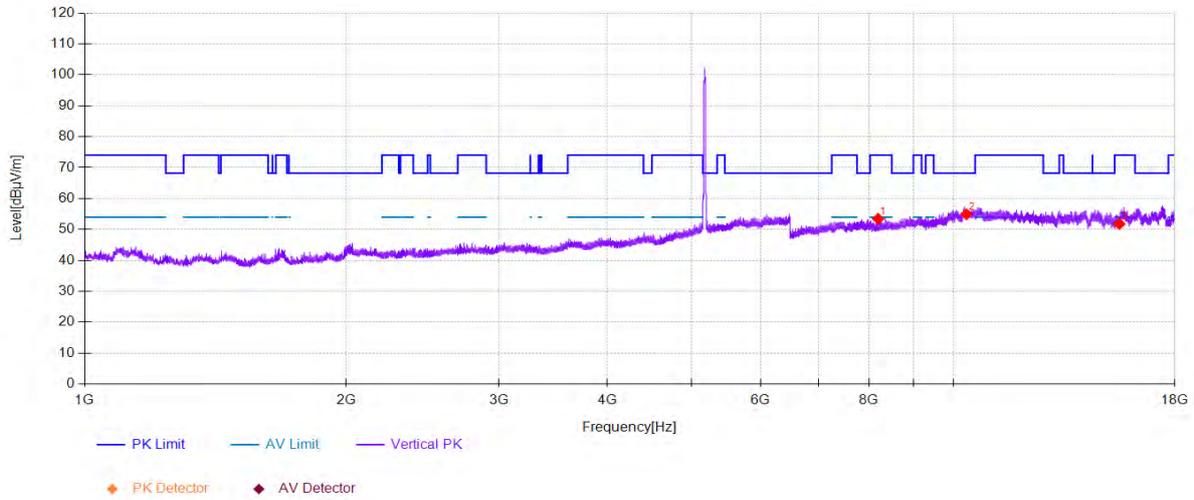
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7847.8539	54.73	36.79	-38.18	53.34	68.20	14.86	178	0	Horizontal
2	10360	51.90	39.16	-36.09	54.97	68.20	13.23	212	291	Horizontal
3	15540	50.51	38.74	-35.71	53.54	74.00	20.46	314	71	Horizontal



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802.11a_Channel 36

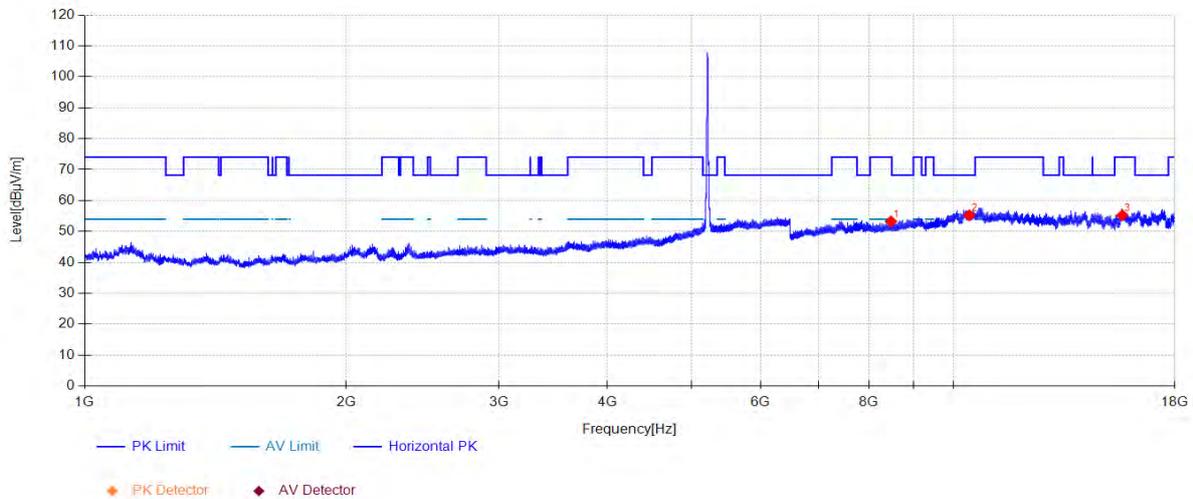


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8197.4679	55.02	36.31	-37.87	53.46	74.00	20.54	241	319	Vertical
2	10360	51.87	39.16	-36.09	54.94	68.20	13.26	228	300	Vertical
3	15540	48.76	38.74	-35.71	51.79	74.00	22.21	330	87	Vertical



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802.11a_Channel 44



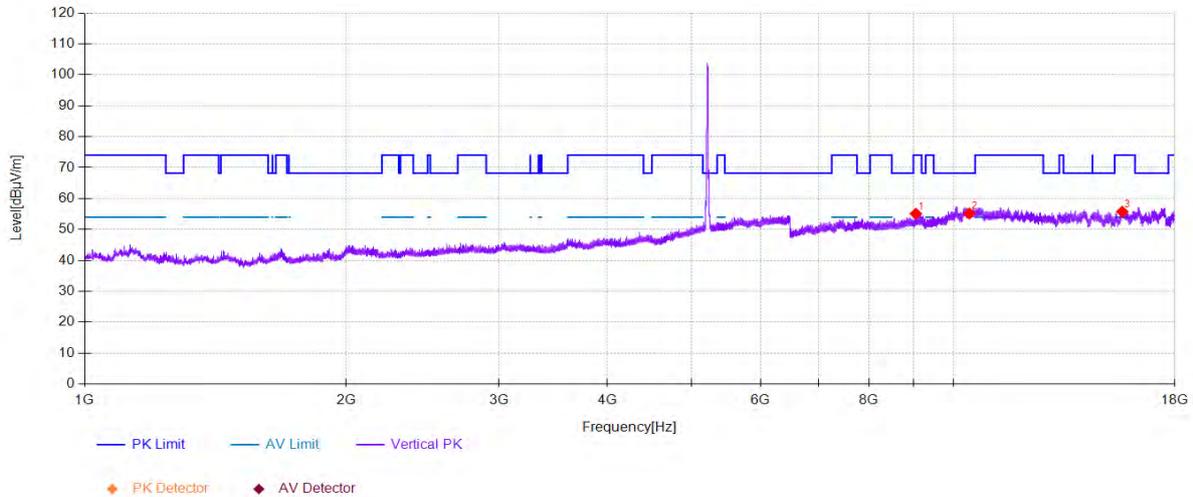
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8481.2993	54.11	36.46	-37.33	53.24	74.00	20.76	324	175	Horizontal
2	10440	52.22	39.08	-36.07	55.23	68.20	12.97	301	156	Horizontal
3	15660	50.76	38.50	-34.05	55.21	74.00	18.79	202	224	Horizontal



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802.11a_Channel 44

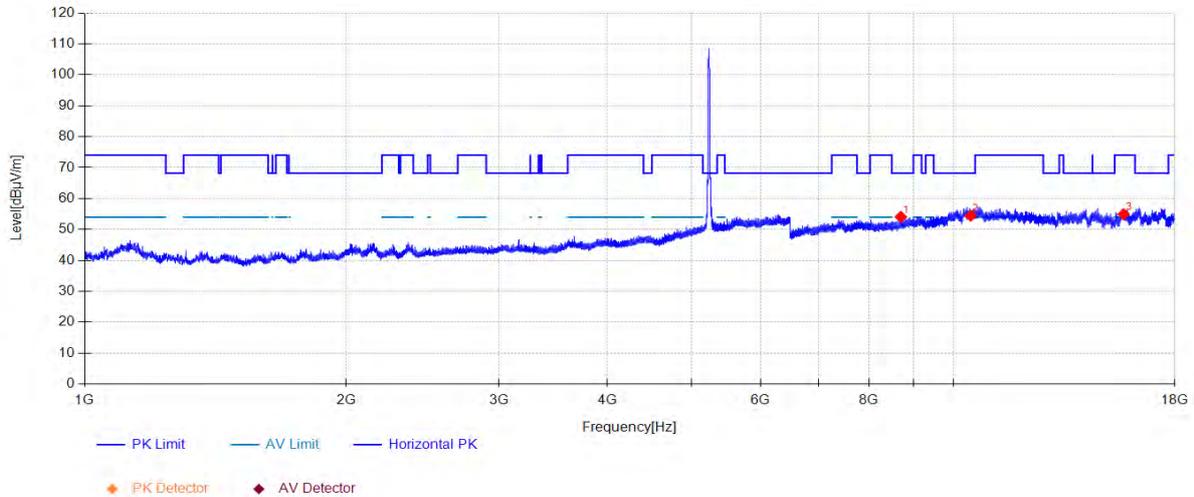


Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9060.4624	55.02	36.60	-36.53	55.09	74.00	18.91	345	136	Vertical
2	10440	52.16	39.08	-36.07	55.17	68.20	13.03	287	253	Vertical
3	15660	51.29	38.50	-34.05	55.74	74.00	18.26	304	330	Vertical



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802.11a_Channel 48

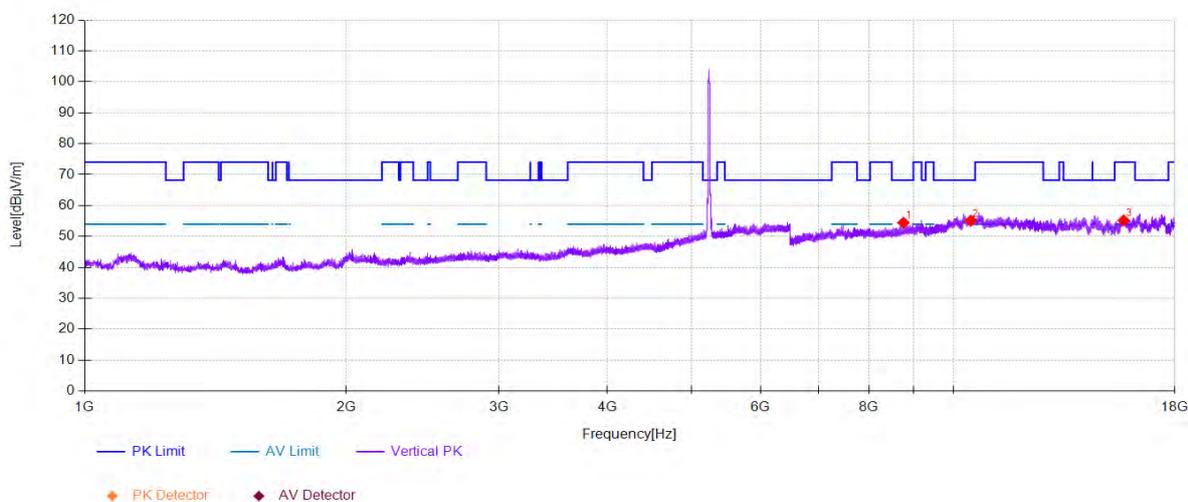


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8707.6283	54.52	36.63	-37.07	54.08	68.20	14.12	105	234	Horizontal
2	10480	51.53	38.96	-36.06	54.43	68.20	13.77	198	148	Horizontal
3	15720	49.87	38.42	-33.36	54.93	74.00	19.07	223	148	Horizontal



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802.11a_Channel 48



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8765.5906	54.85	36.71	-37.11	54.45	68.20	13.75	311	2	Vertical
2	10480	52.20	38.96	-36.06	55.10	68.20	13.10	360	167	Vertical
3	15720	50.12	38.42	-33.36	55.18	74.00	18.82	305	50	Vertical

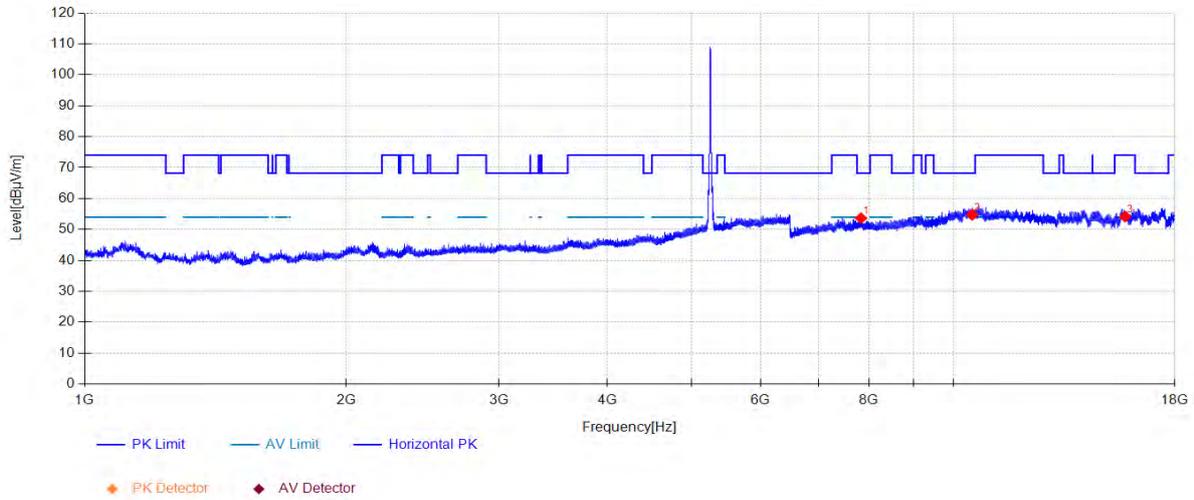


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802.11a_Channel 52

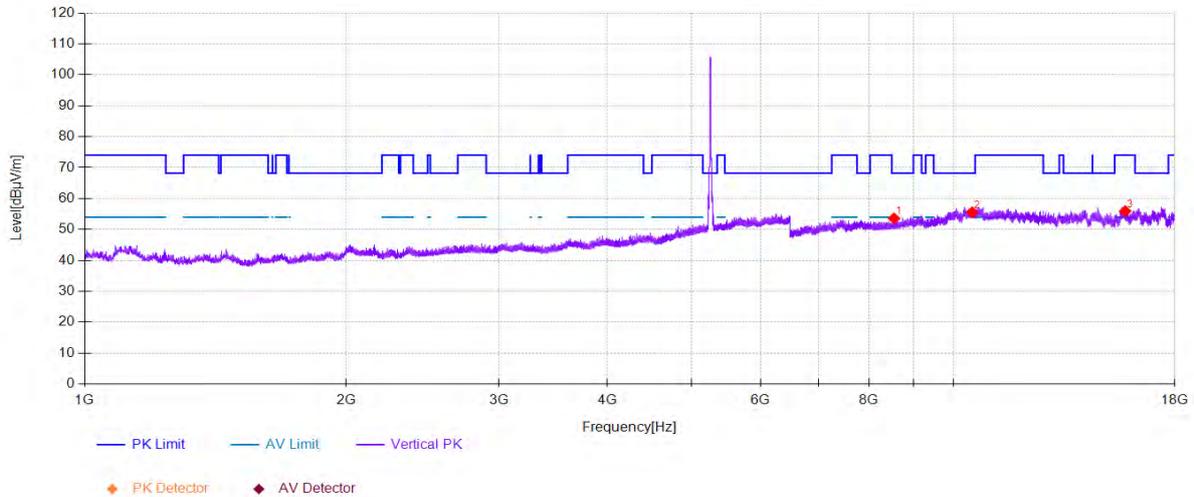


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7834.5134	55.10	36.74	-38.18	53.66	68.20	14.54	174	273	Horizontal
2	10520	51.88	38.98	-36.13	54.73	68.20	13.47	226	108	Horizontal
3	15780	49.85	38.18	-33.87	54.16	74.00	19.84	165	165	Horizontal



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802.11a_Channel 52

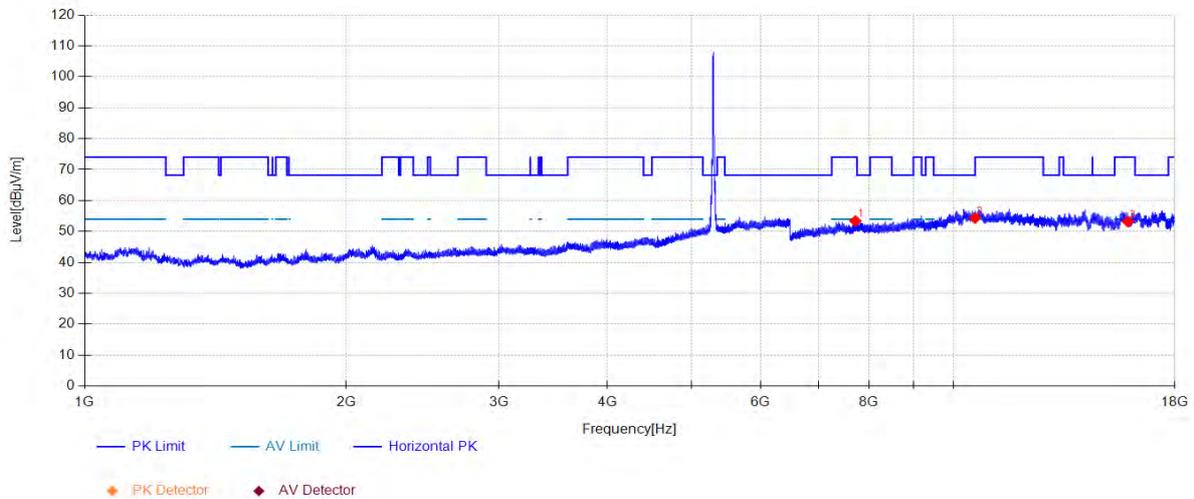


Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8550.302	54.32	36.60	-37.35	53.57	68.20	14.63	305	118	Vertical
2	10520	52.71	38.98	-36.13	55.56	68.20	12.64	150	52	Vertical
3	15780	51.61	38.18	-33.87	55.92	74.00	18.08	360	189	Vertical



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802.11a_Channel 60



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7719.5088	55.25	36.64	-38.52	53.37	74.00	20.63	198	50	Horizontal
2	10600	51.44	39.30	-36.40	54.34	74.00	19.66	204	292	Horizontal
3	15900	49.17	37.70	-33.68	53.19	74.00	20.81	105	0	Horizontal

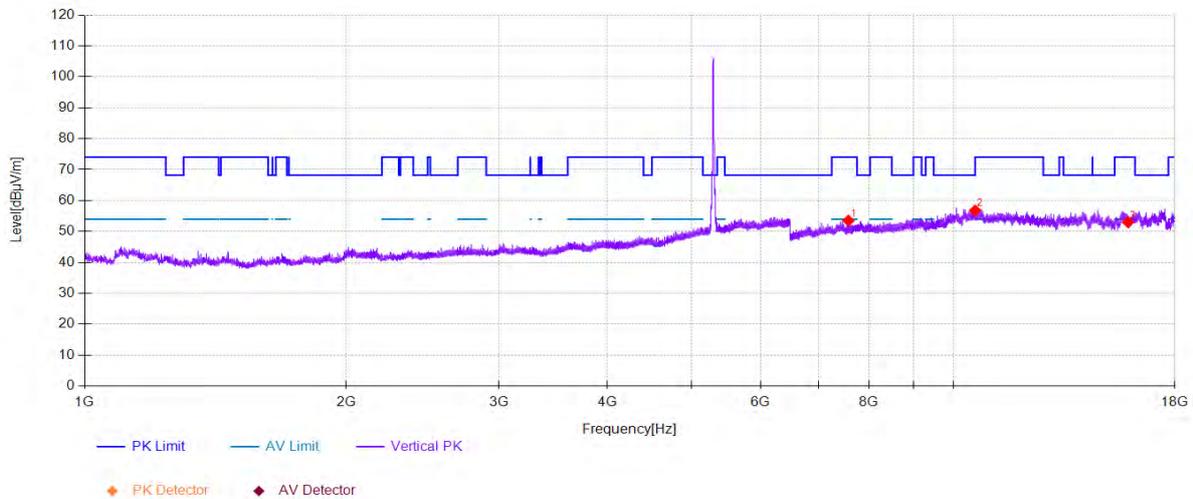


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802.11a_Channel 60



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7576.9031	56.12	36.62	-39.24	53.50	74.00	20.50	274	30	Vertical
2	10600	53.88	39.30	-36.40	56.78	74.00	17.22	310	224	Vertical
3	15900	48.98	37.70	-33.68	53.00	74.00	21.00	365	263	Vertical

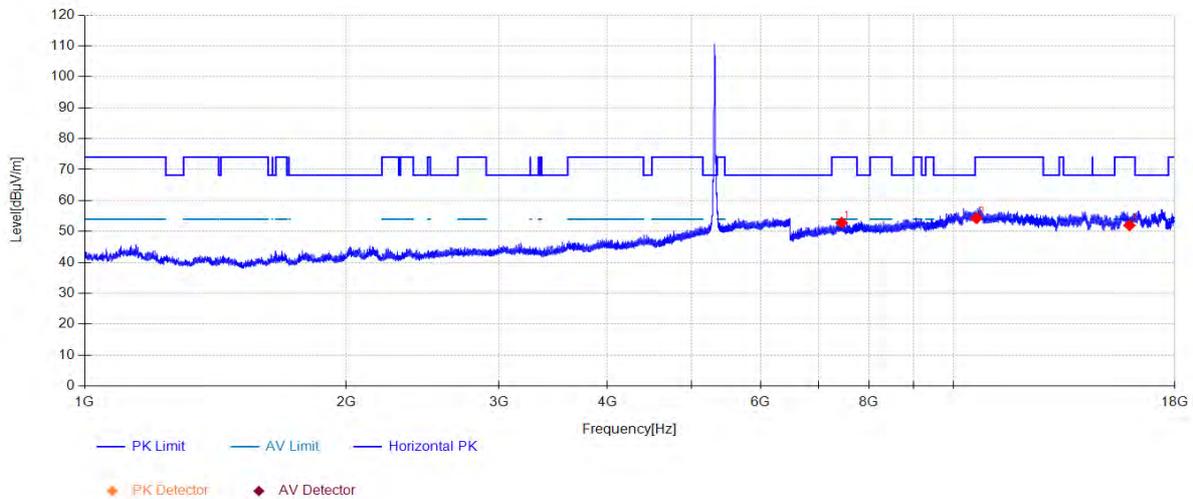


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802.11a_Channel 64



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7441.6577	54.96	36.78	-38.89	52.85	74.00	21.15	192	185	Horizontal
2	10640	51.31	39.38	-36.44	54.25	74.00	19.75	304	320	Horizontal
3	15960	48.62	37.82	-34.46	51.98	74.00	22.02	258	127	Horizontal

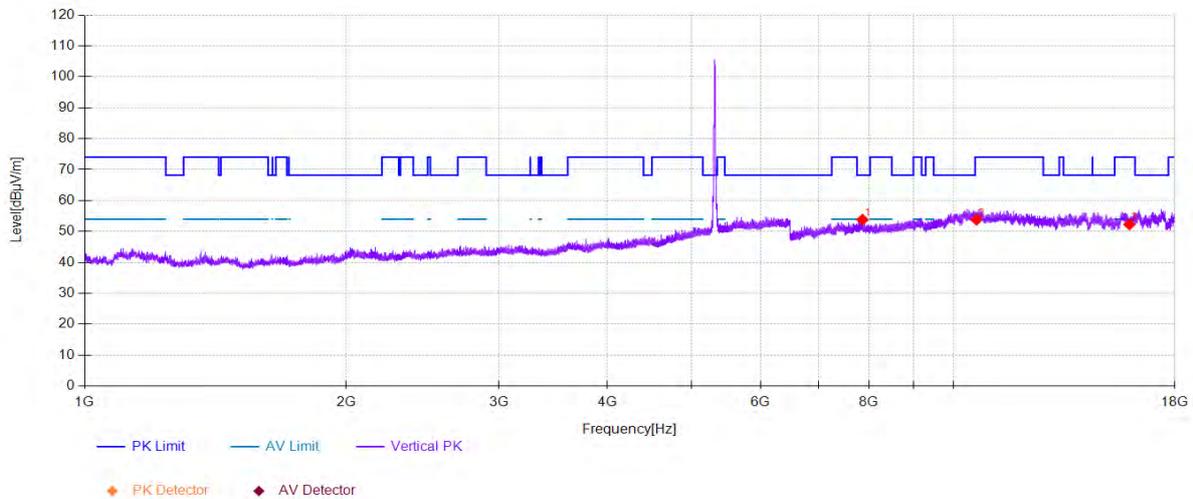


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802.11a_Channel 64



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7864.8746	55.29	36.71	-38.19	53.81	68.20	14.39	314	272	Vertical
2	10640	50.85	39.38	-36.44	53.79	74.00	20.21	332	52	Vertical
3	15960	48.92	37.82	-34.46	52.28	74.00	21.72	155	338	Vertical

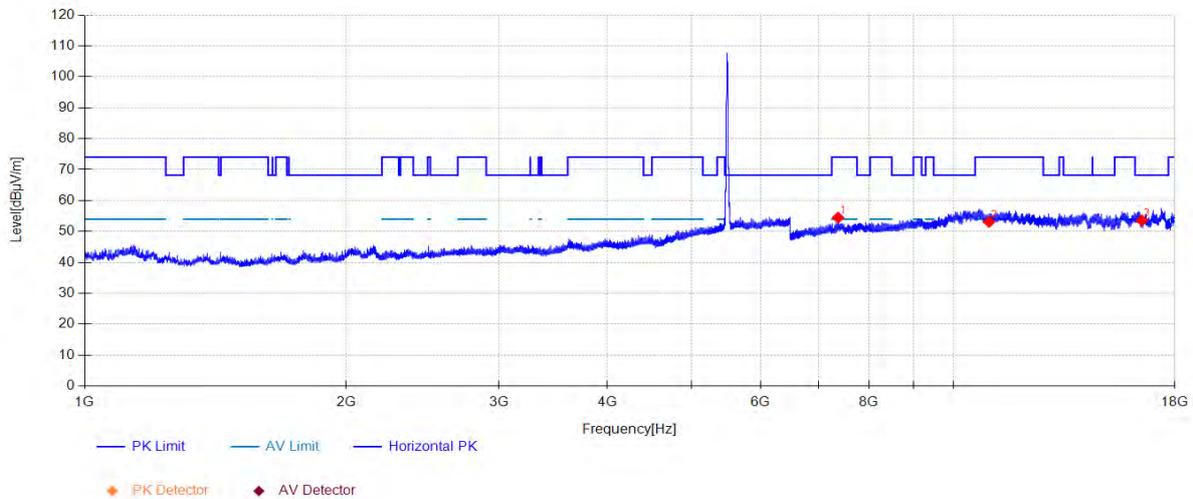


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802.11a_Channel 100

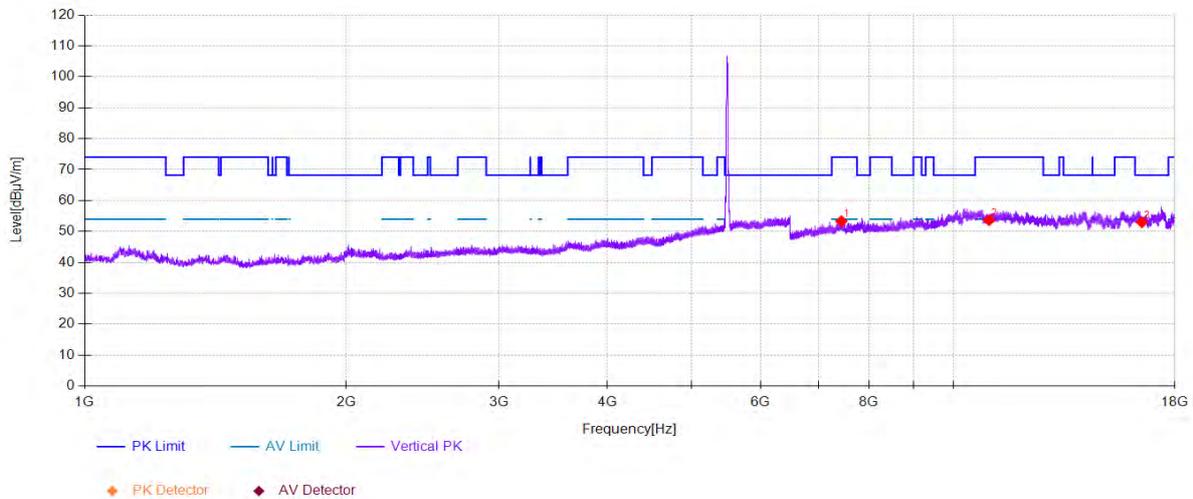


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7373.1149	56.90	36.59	-39.02	54.47	74.00	19.53	199	281	Horizontal
2	11000	51.14	40.10	-38.16	53.08	74.00	20.92	250	319	Horizontal
3	16500	51.24	39.30	-36.96	53.58	68.20	14.62	148	71	Horizontal



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802.11a_Channel 100



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7437.0575	55.44	36.77	-38.89	53.32	74.00	20.68	182	329	Vertical
2	11000	51.68	40.10	-38.16	53.62	74.00	20.38	365	340	Vertical
3	16500	50.64	39.30	-36.96	52.98	68.20	15.22	154	69	Vertical

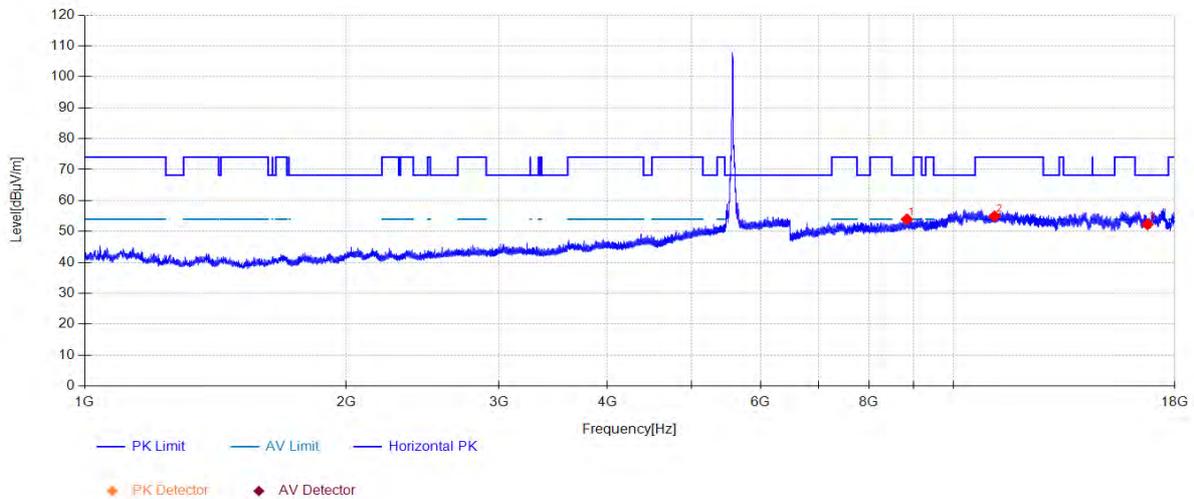


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802.11a_Channel 116



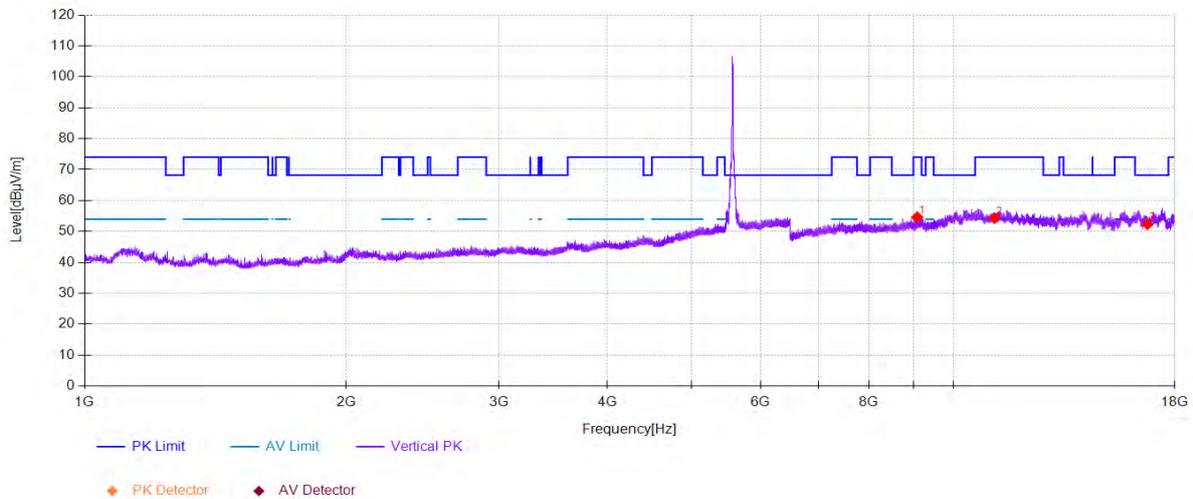
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8846.5539	53.96	36.78	-36.81	53.93	68.20	14.27	241	59	Horizontal
2	11160	53.05	40.20	-38.35	54.90	74.00	19.10	259	290	Horizontal
3	16740	49.45	39.48	-36.64	52.29	68.20	15.91	336	98	Horizontal



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802.11a_Channel 116



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9092.2037	54.03	36.92	-36.36	54.59	74.00	19.41	320	10	Vertical
2	11160	52.49	40.20	-38.35	54.34	74.00	19.66	366	98	Vertical
3	16740	49.50	39.48	-36.64	52.34	68.20	15.86	311	279	Vertical

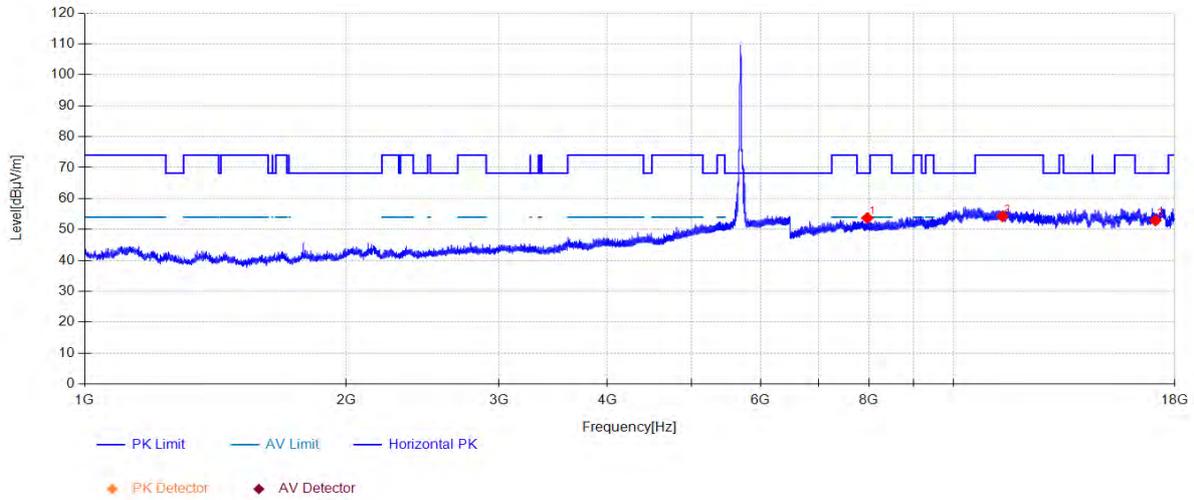


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802.11a_Channel 140



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7966.9987	55.33	36.40	-38.02	53.71	68.20	14.49	304	327	Horizontal
2	11400	52.27	40.30	-38.34	54.23	74.00	19.77	284	308	Horizontal
3	17100	48.74	42.10	-37.91	52.93	68.20	15.27	101	232	Horizontal



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