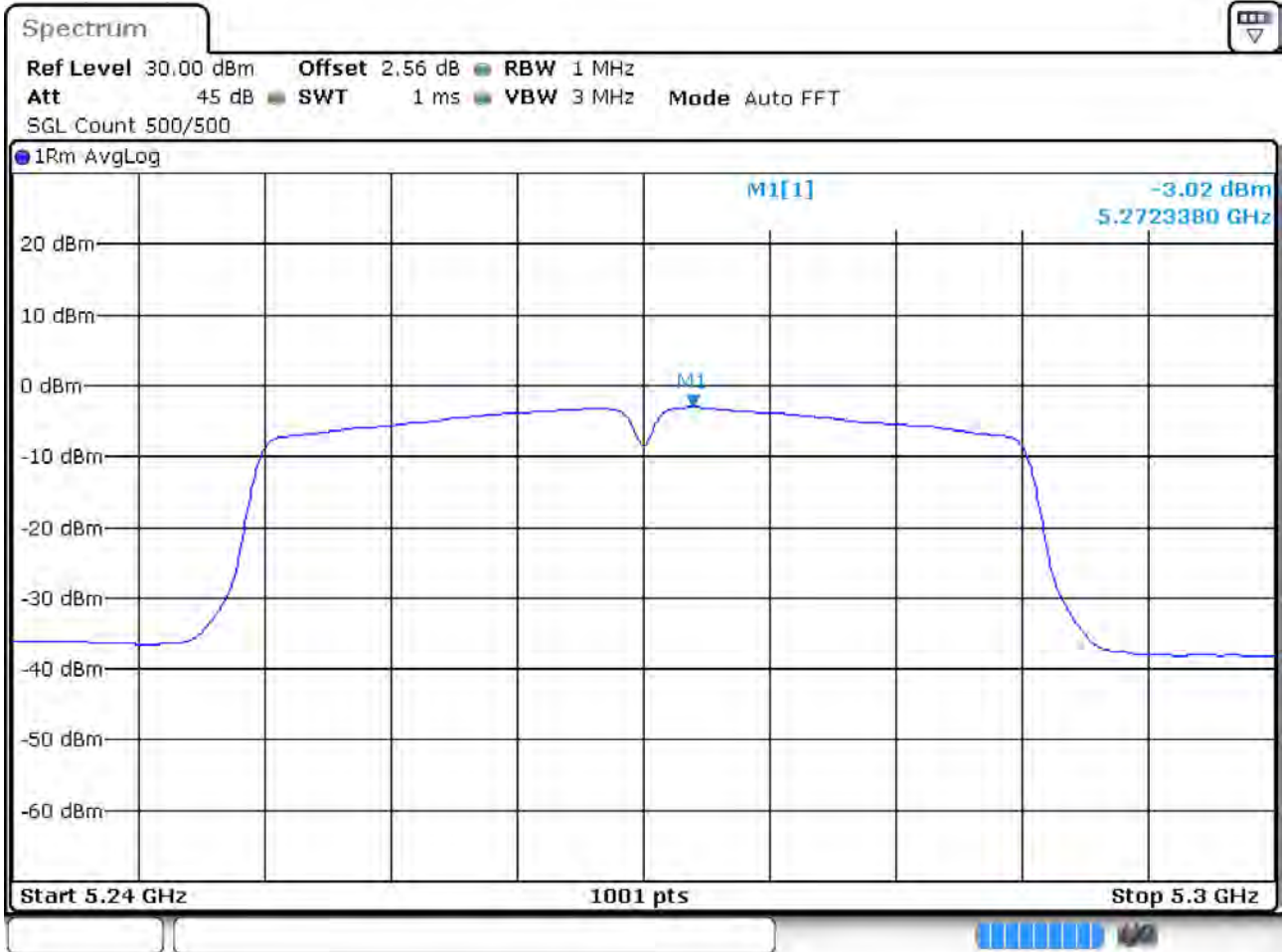


4.8.2.25 11N40\_54 ANT 1



Date: 7, JUL 2020 04:43:48

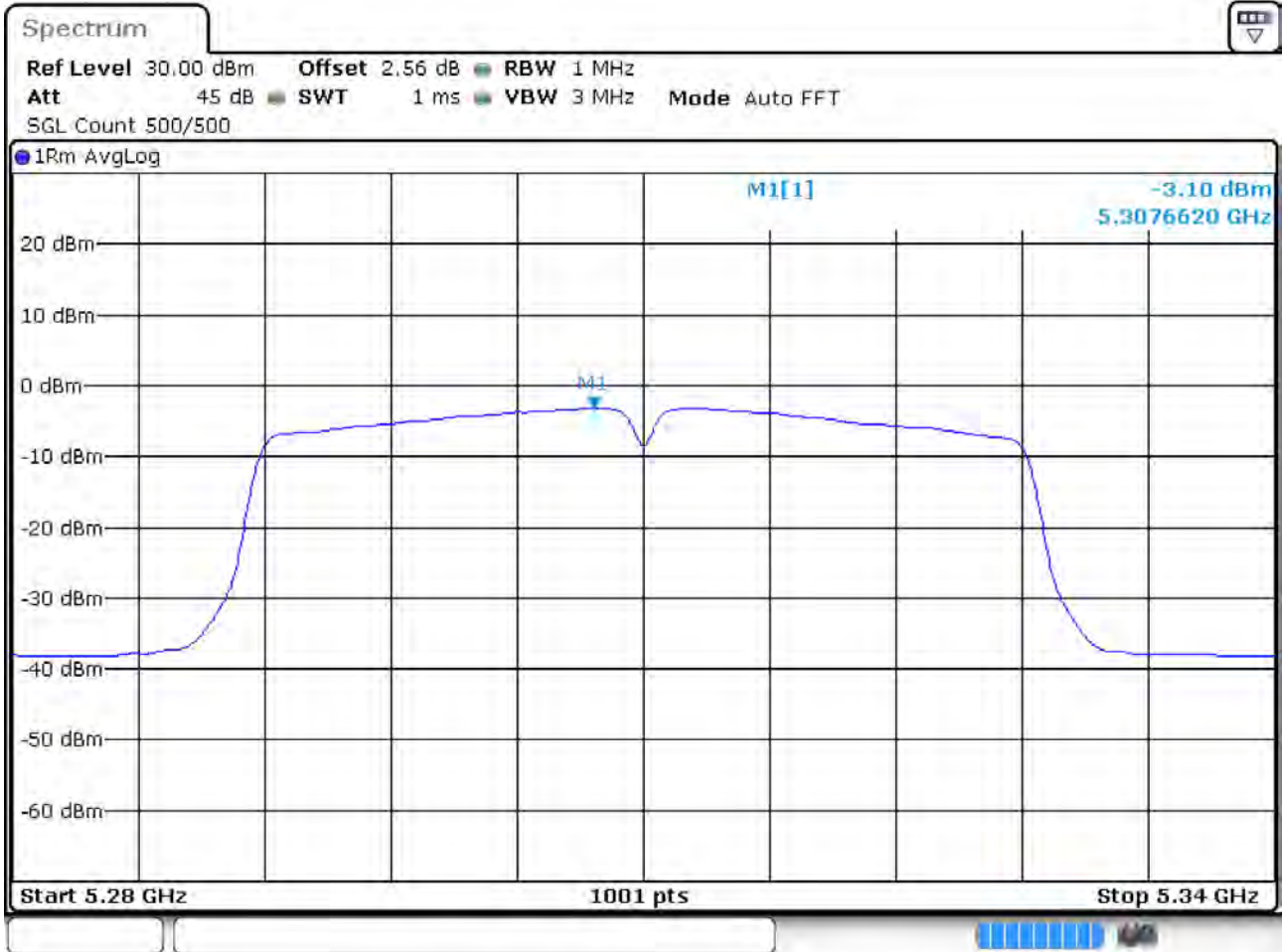


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4.8.2.26 11N40\_62 ANT 1



Date: 7, JUL 2020 04:45:30

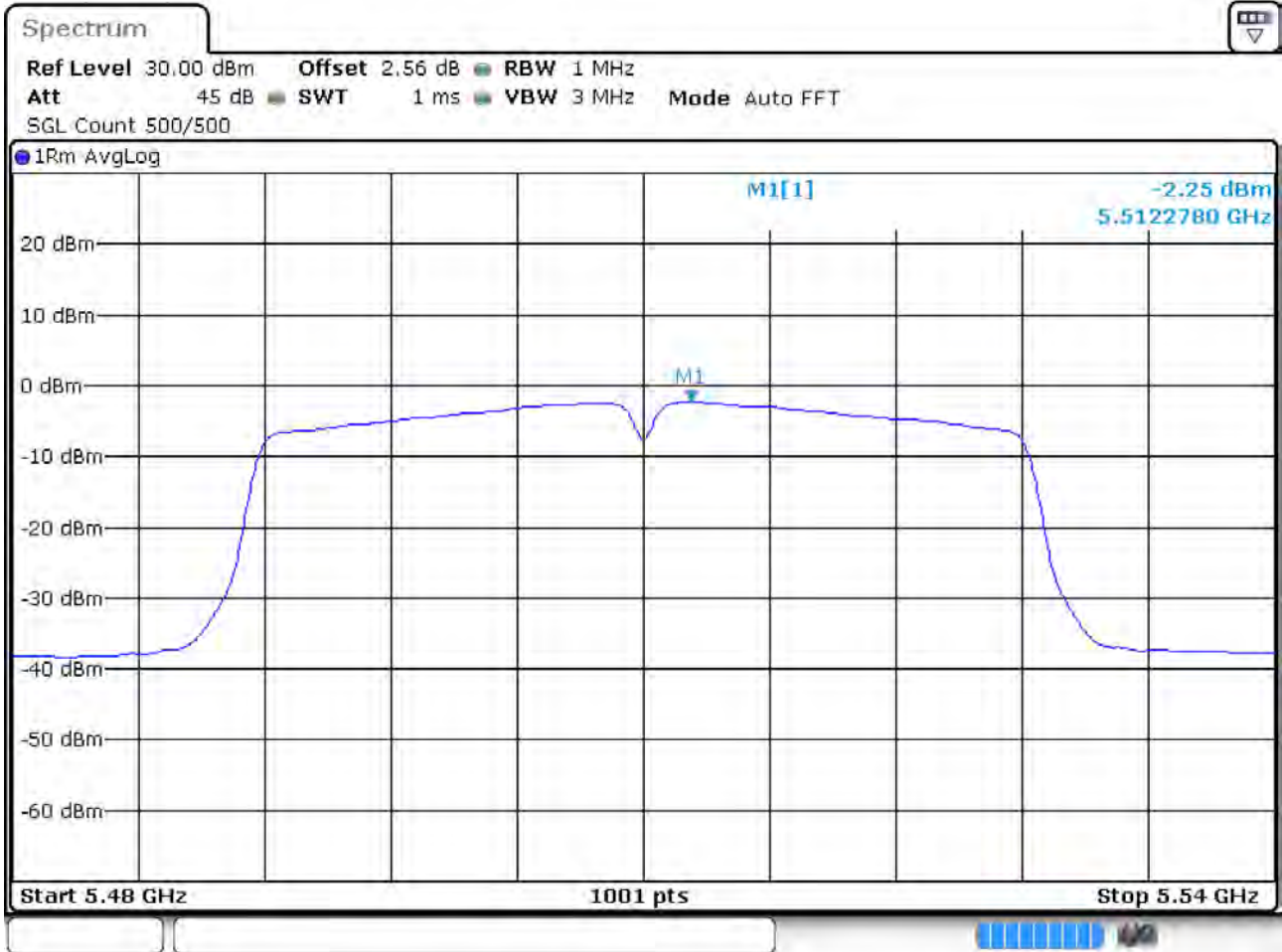


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4.8.2.27 11N40\_102 ANT 1

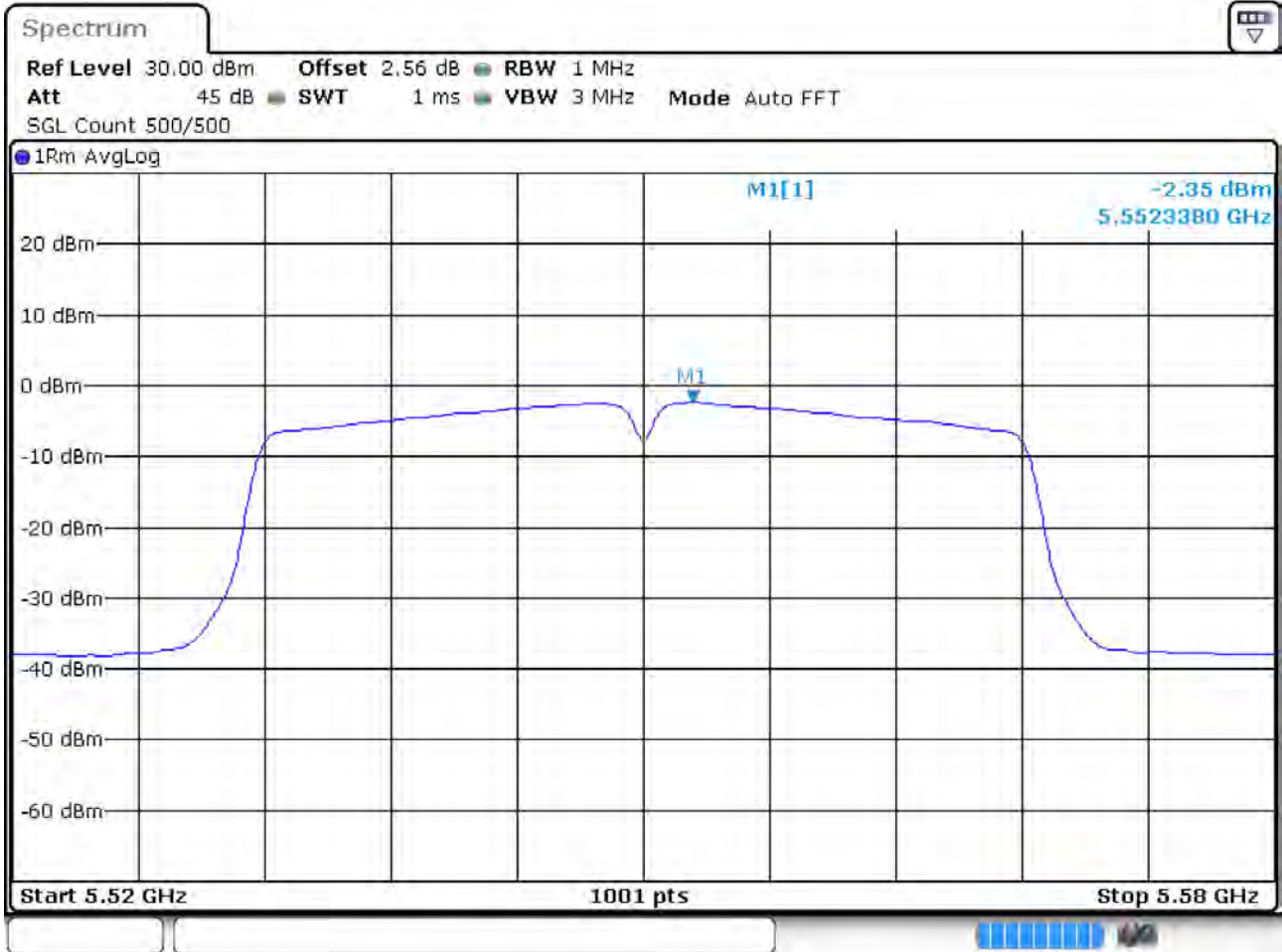


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4.8.2.28 11N40\_110 ANT 1



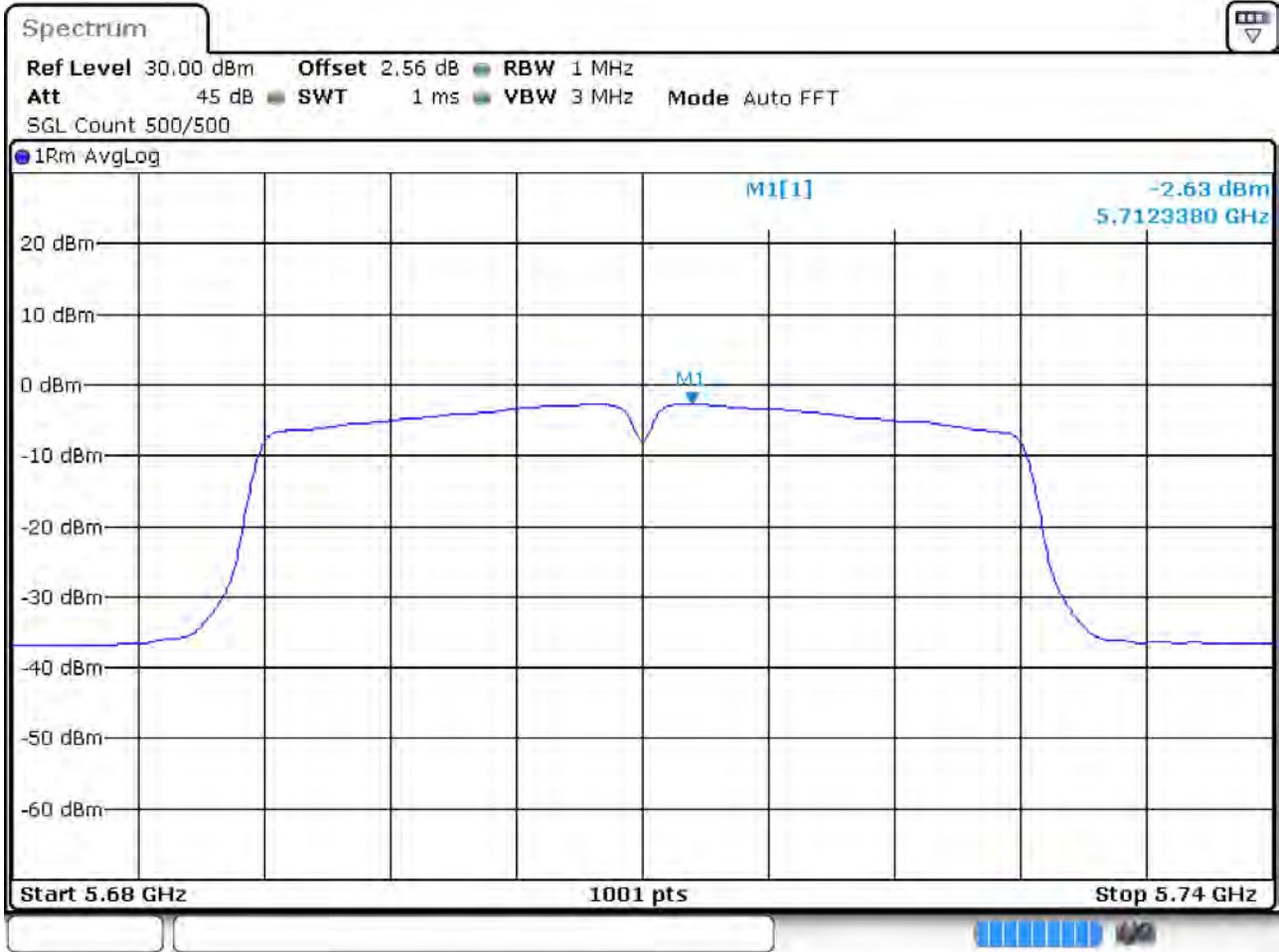
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4.8.2.29 11N40\_142 ANT 1

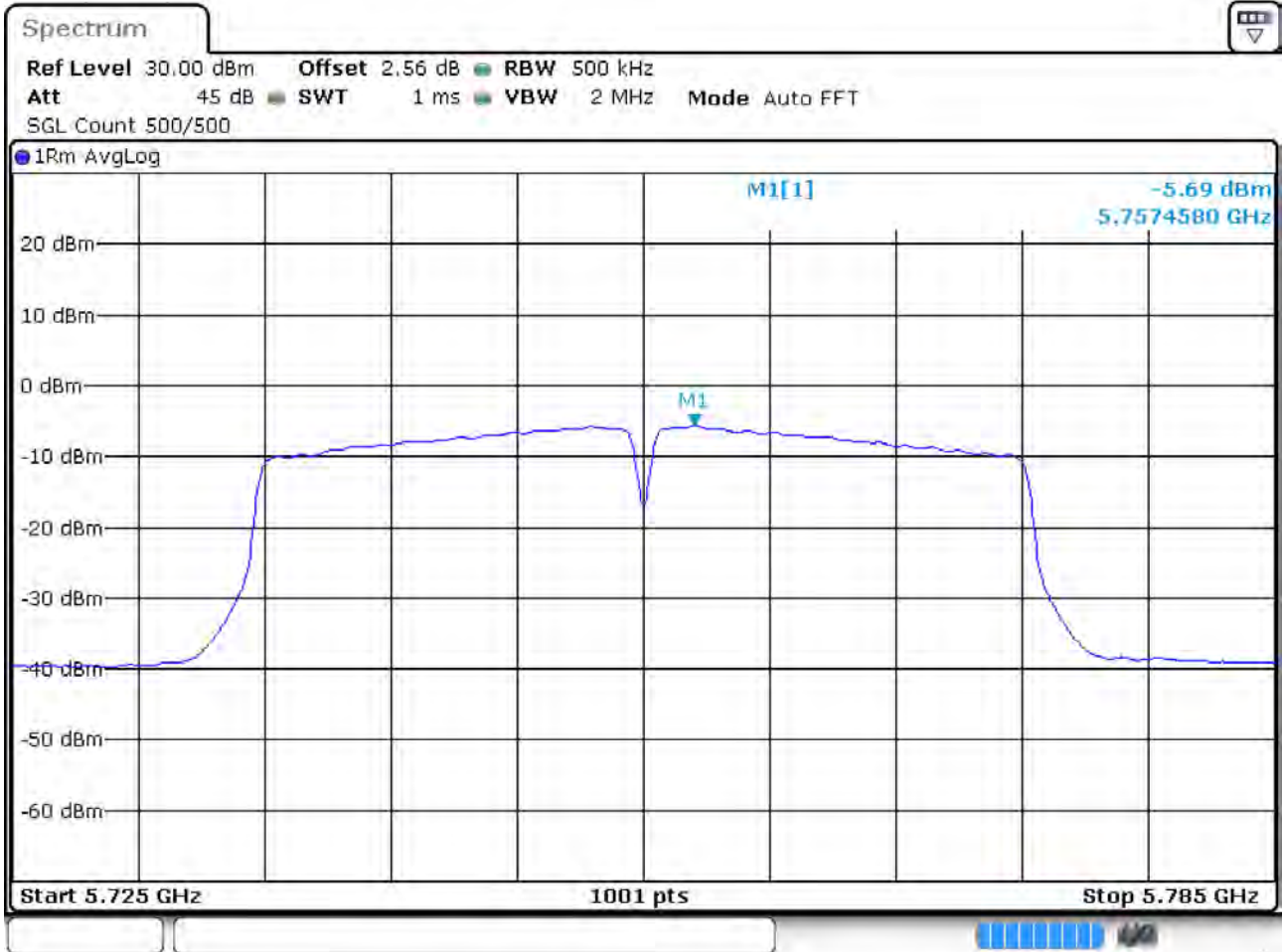


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4.8.2.30 11N40\_151 ANT 1

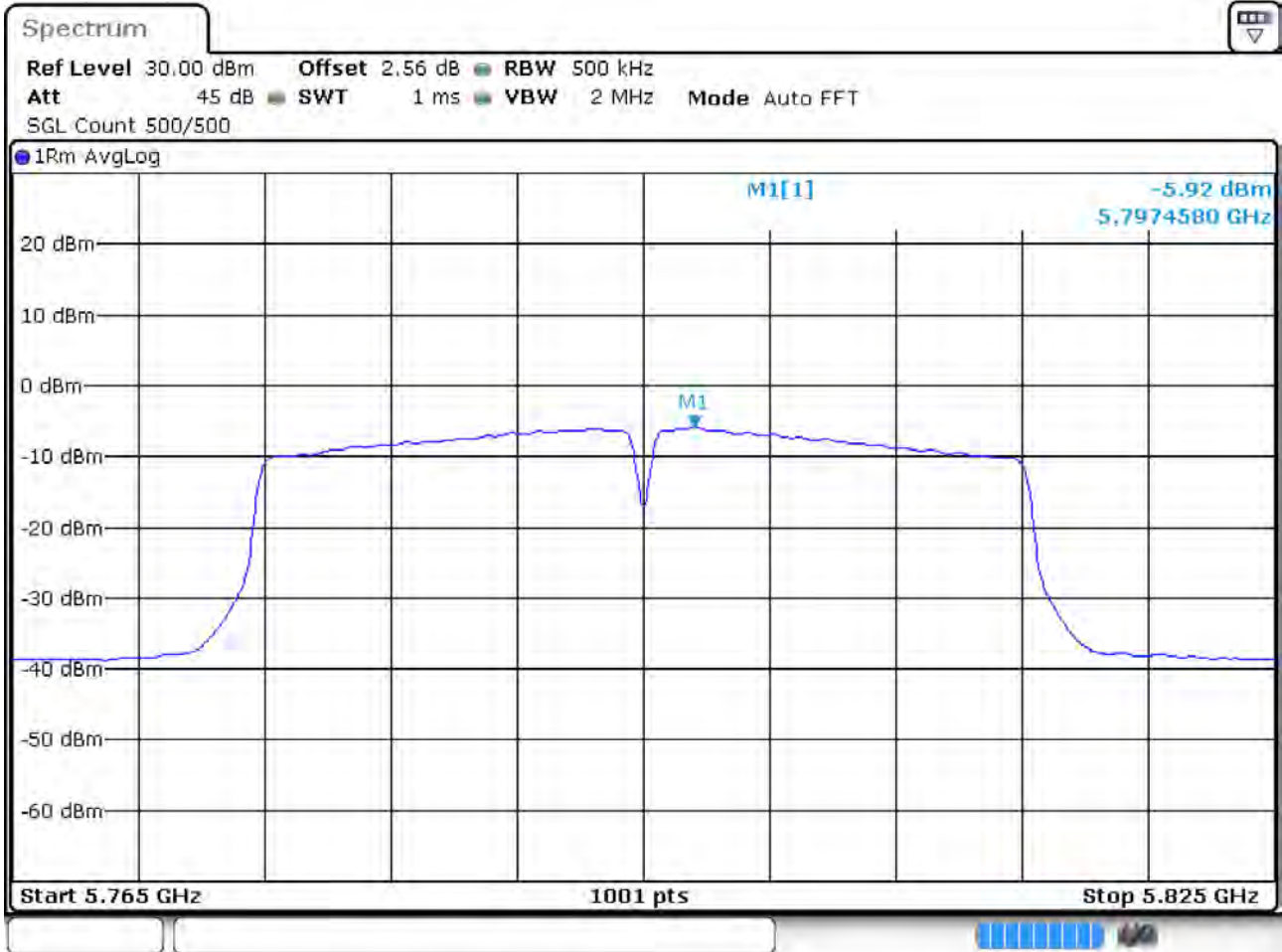


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**4.8.2.31 11N40\_159 ANT 1**



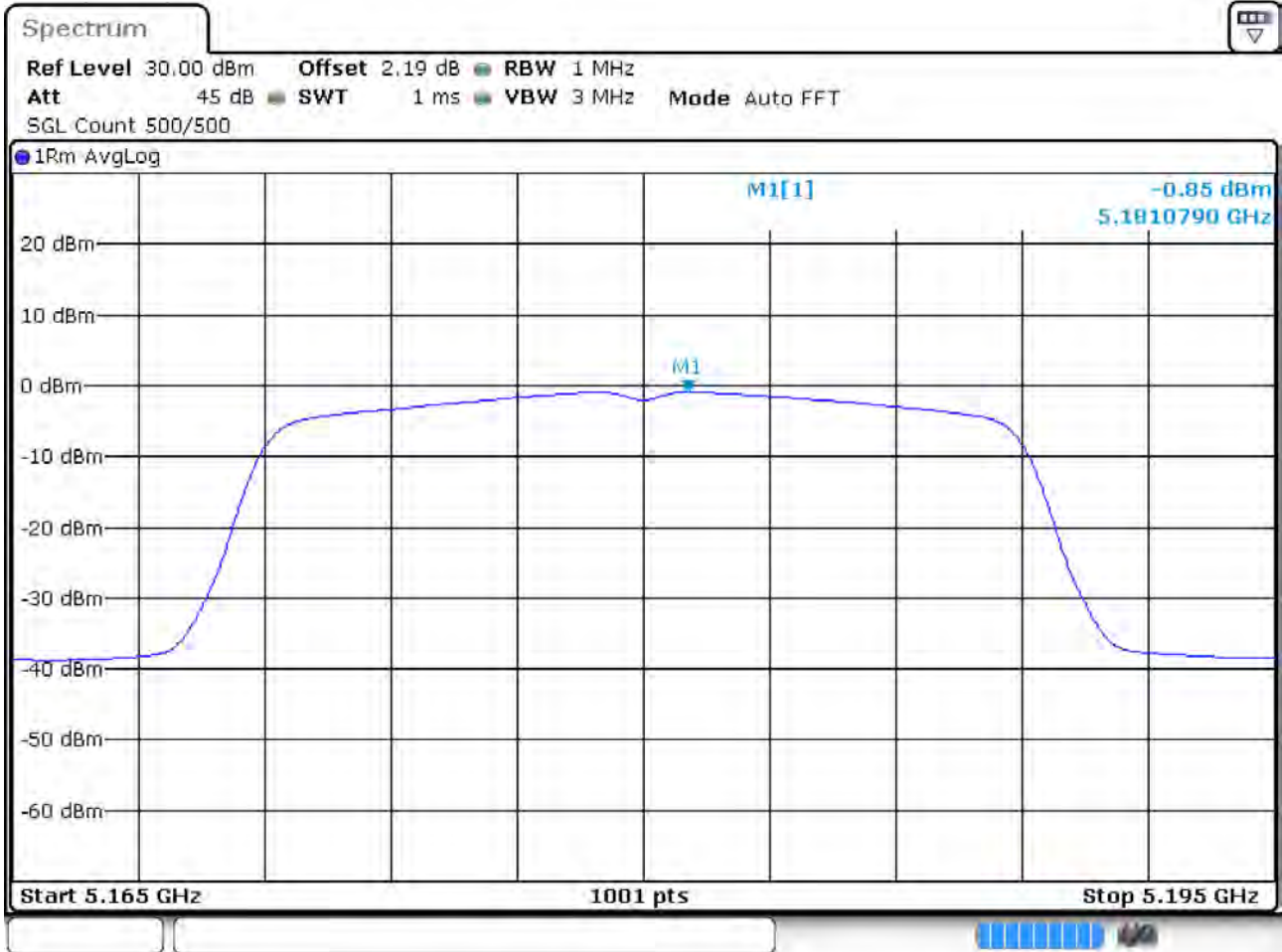
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**4.8.2.32 11AC20\_36 ANT 1**



Date: 7, JUL 2020 04:57:49



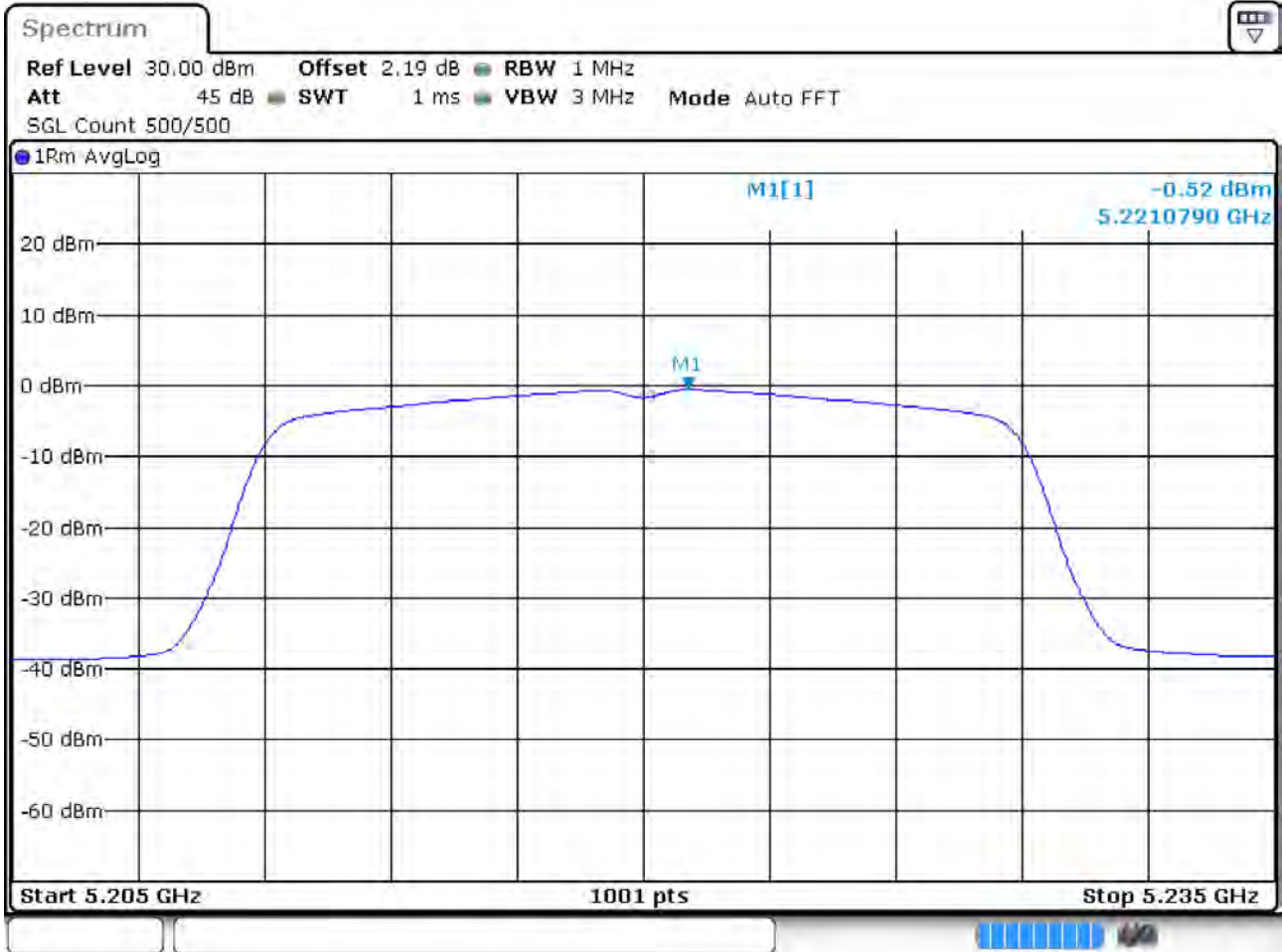
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4.8.2.33 11AC20\_44 ANT 1

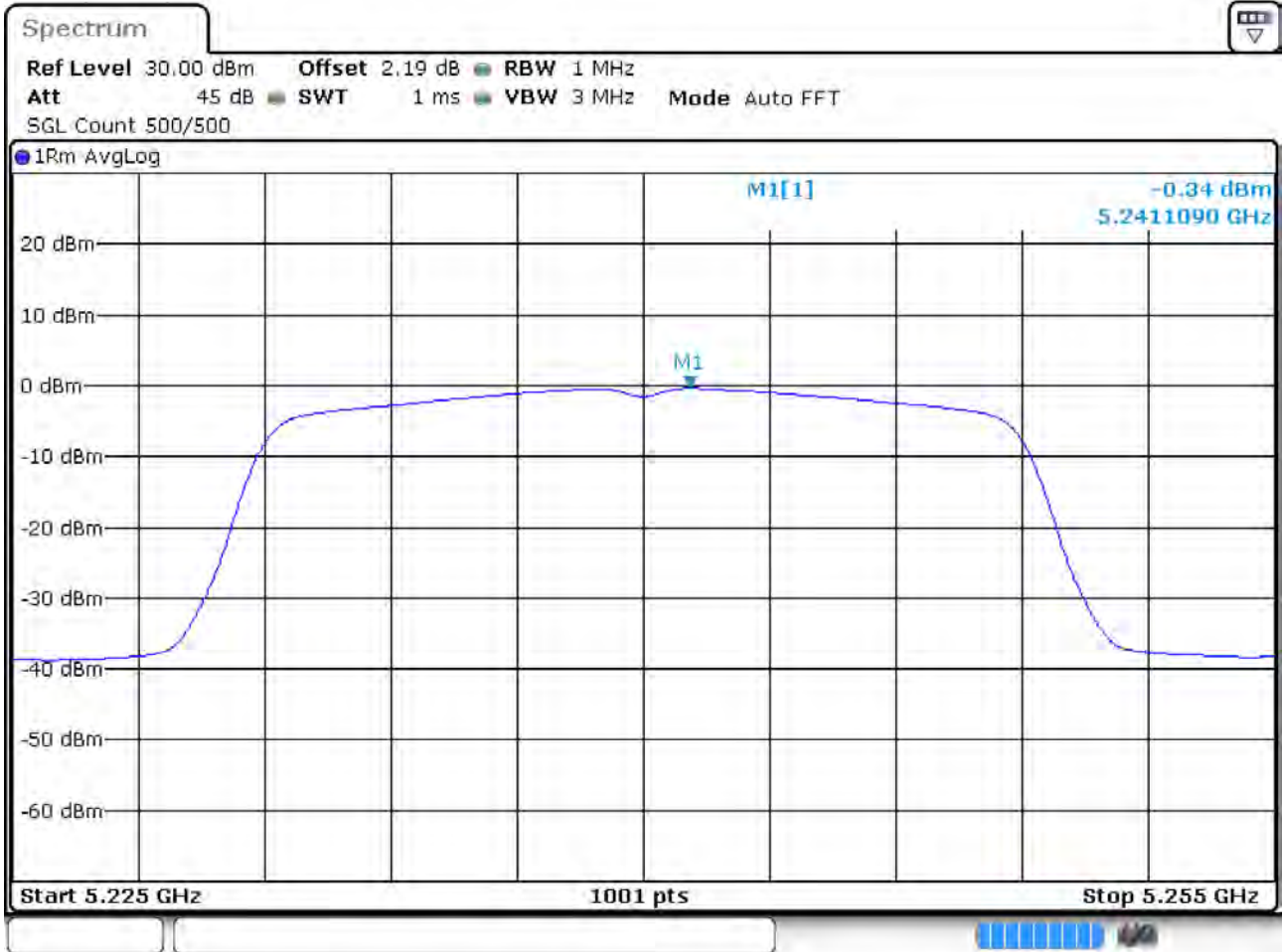


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4.8.2.34 11AC20\_48 ANT 1



Date: 7 JUL 2020 05:01:51

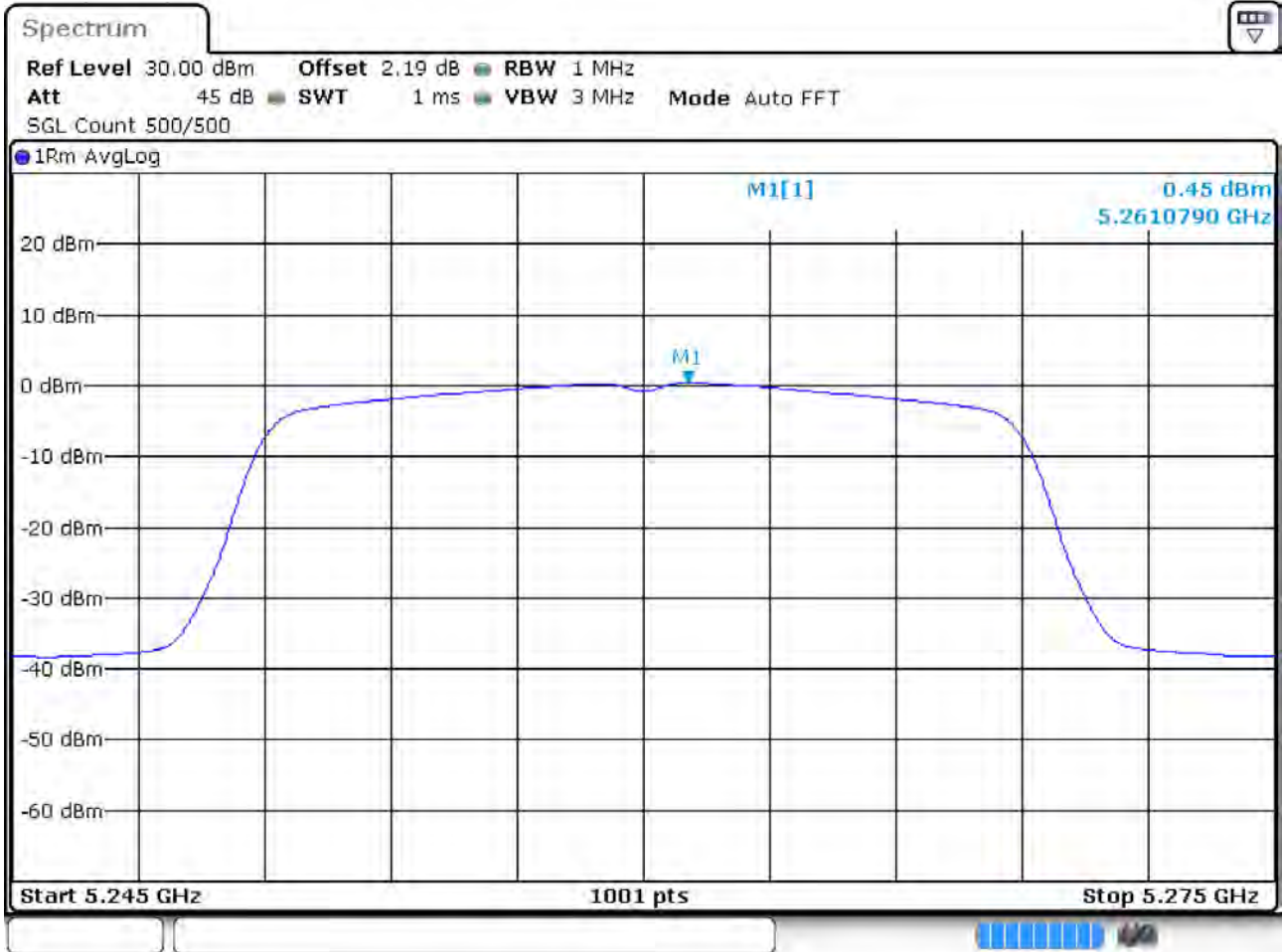


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4.8.2.35 11AC20\_52 ANT 1



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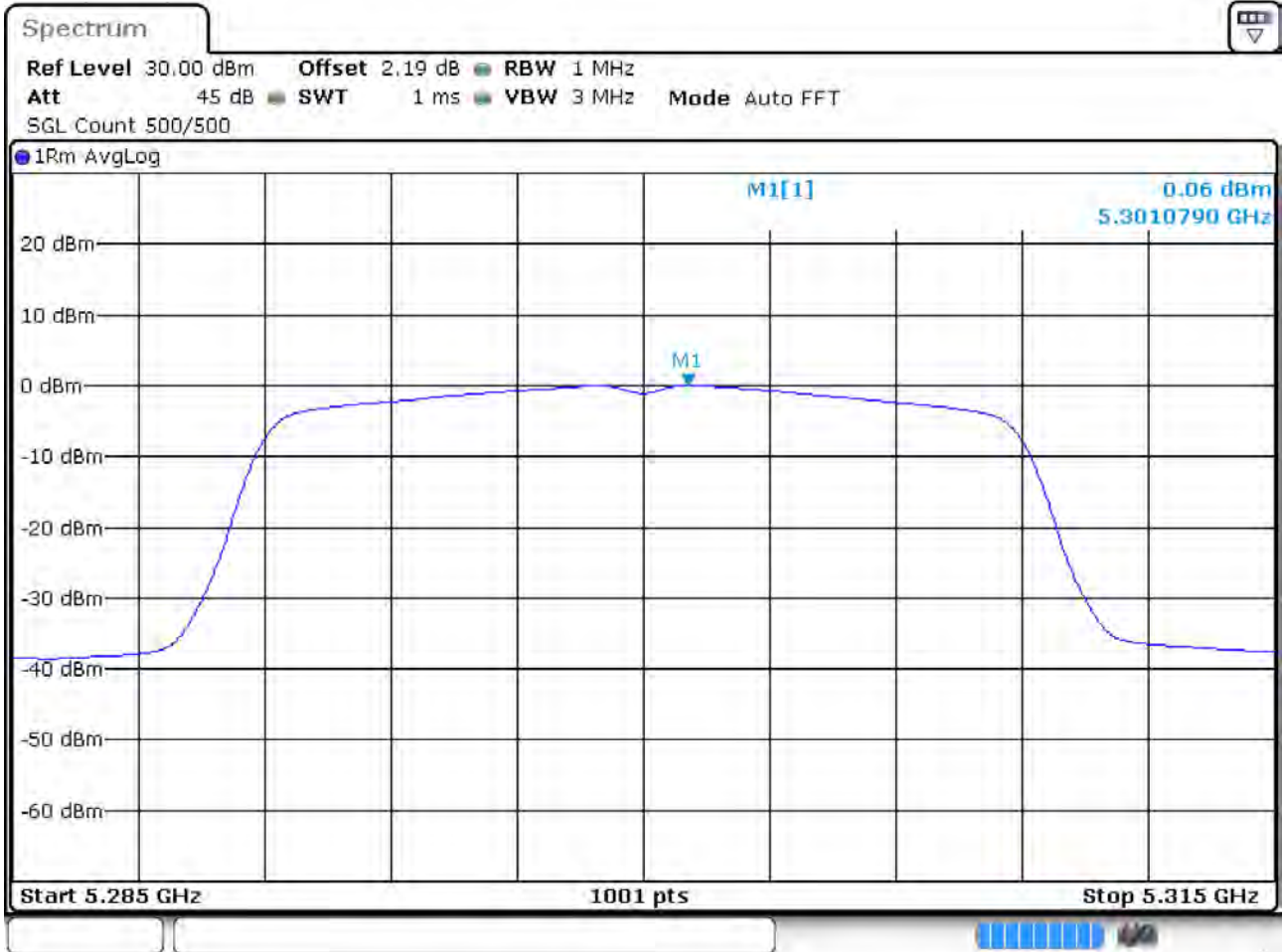


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4.8.2.36 11AC20\_60 ANT 1



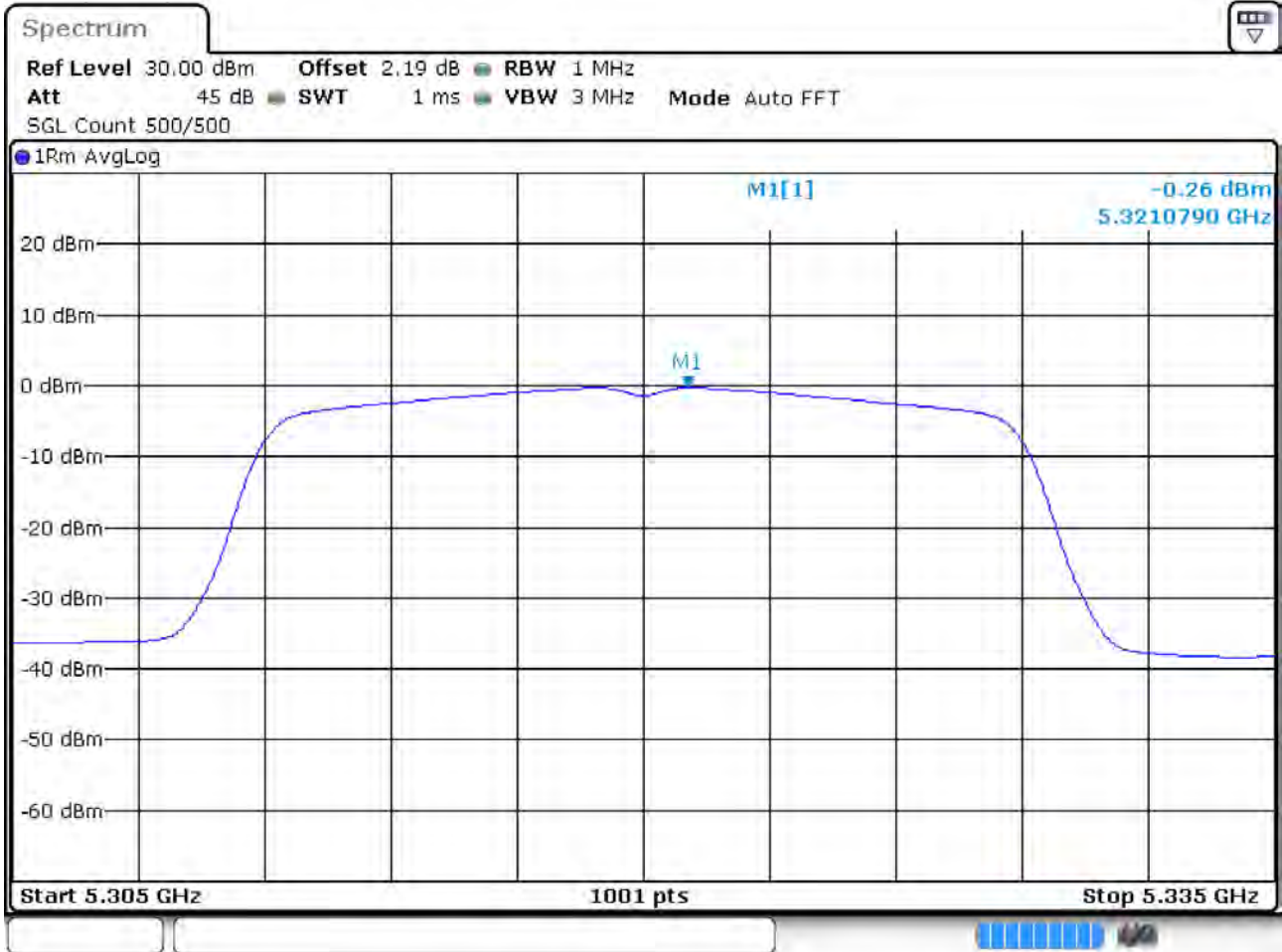
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4.8.2.37 11AC20\_64 ANT 1



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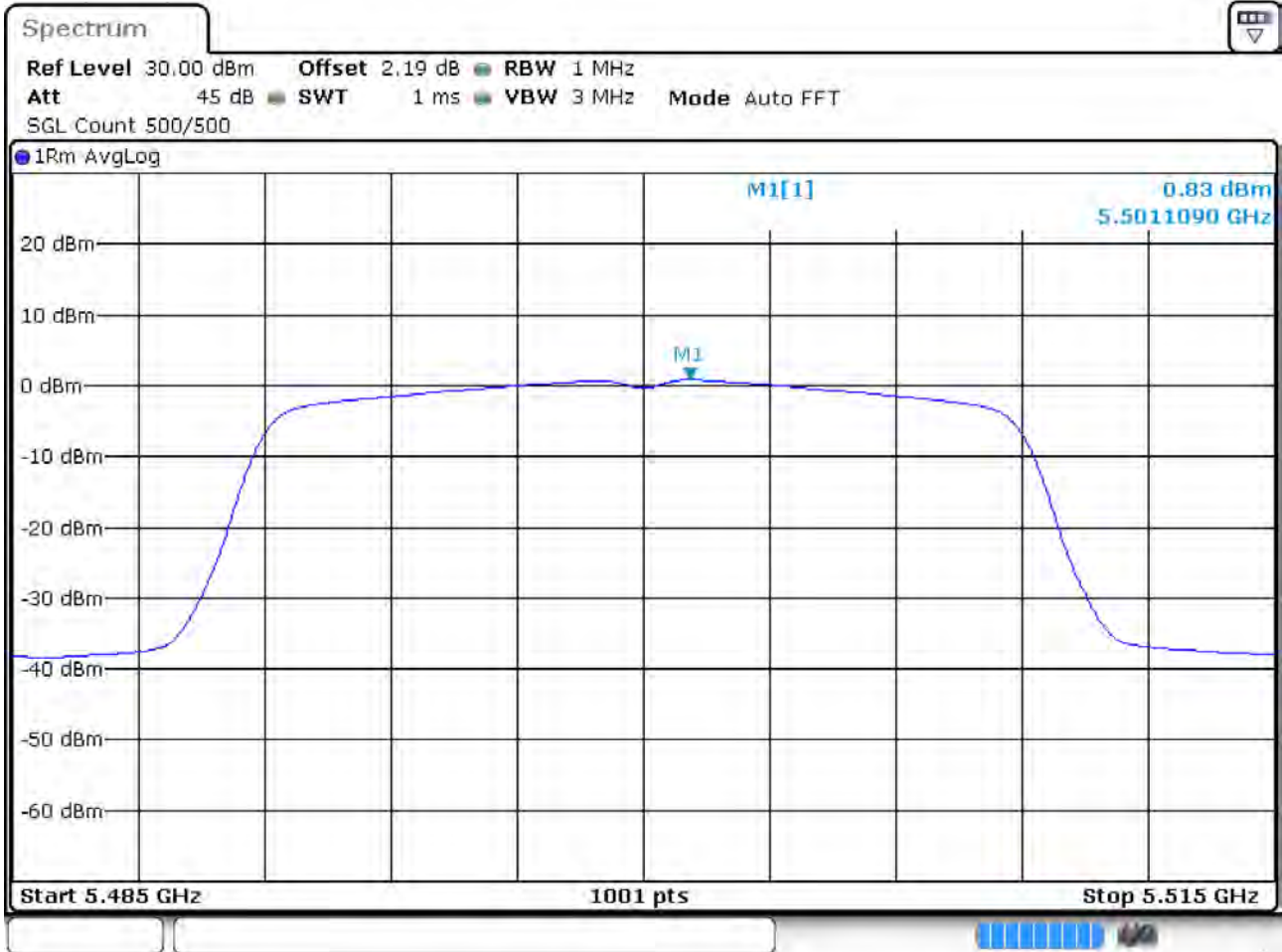


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4.8.2.38 11AC20\_100 ANT 1



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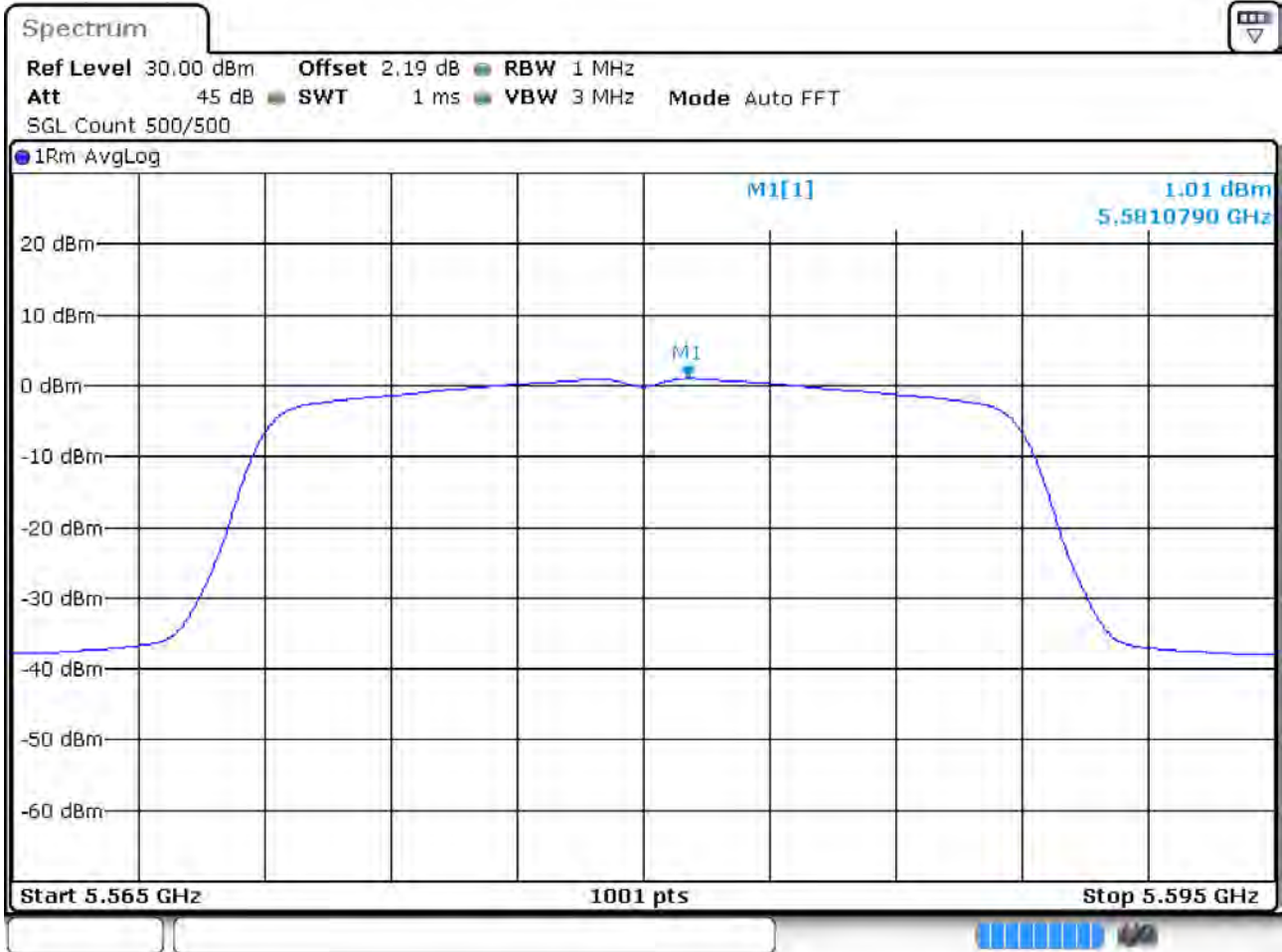


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4.8.2.39 11AC20\_116 ANT 1

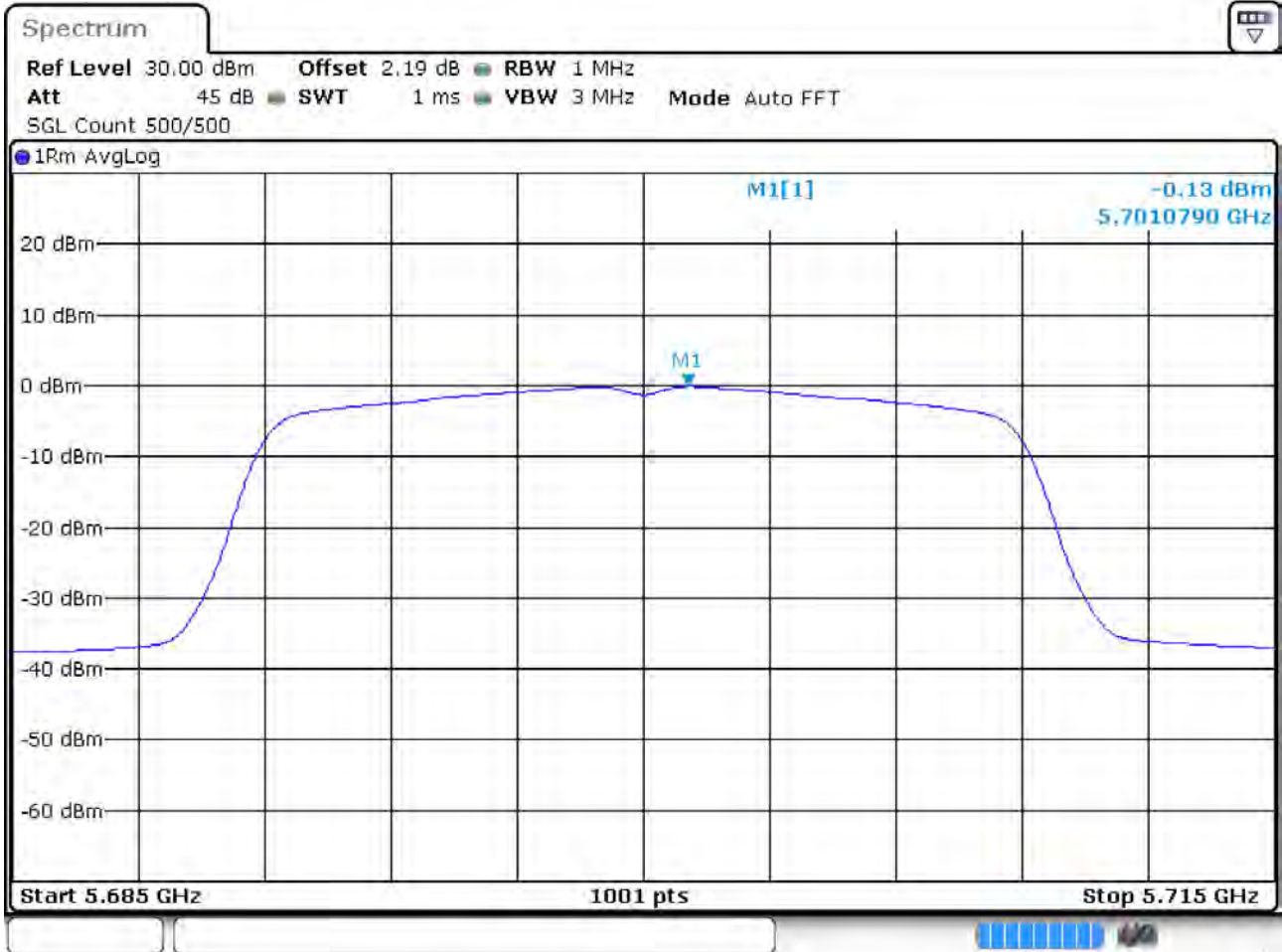


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**4.8.2.40 11AC20\_140 ANT 1**



Date: 7 JUL 2020 05:12:17

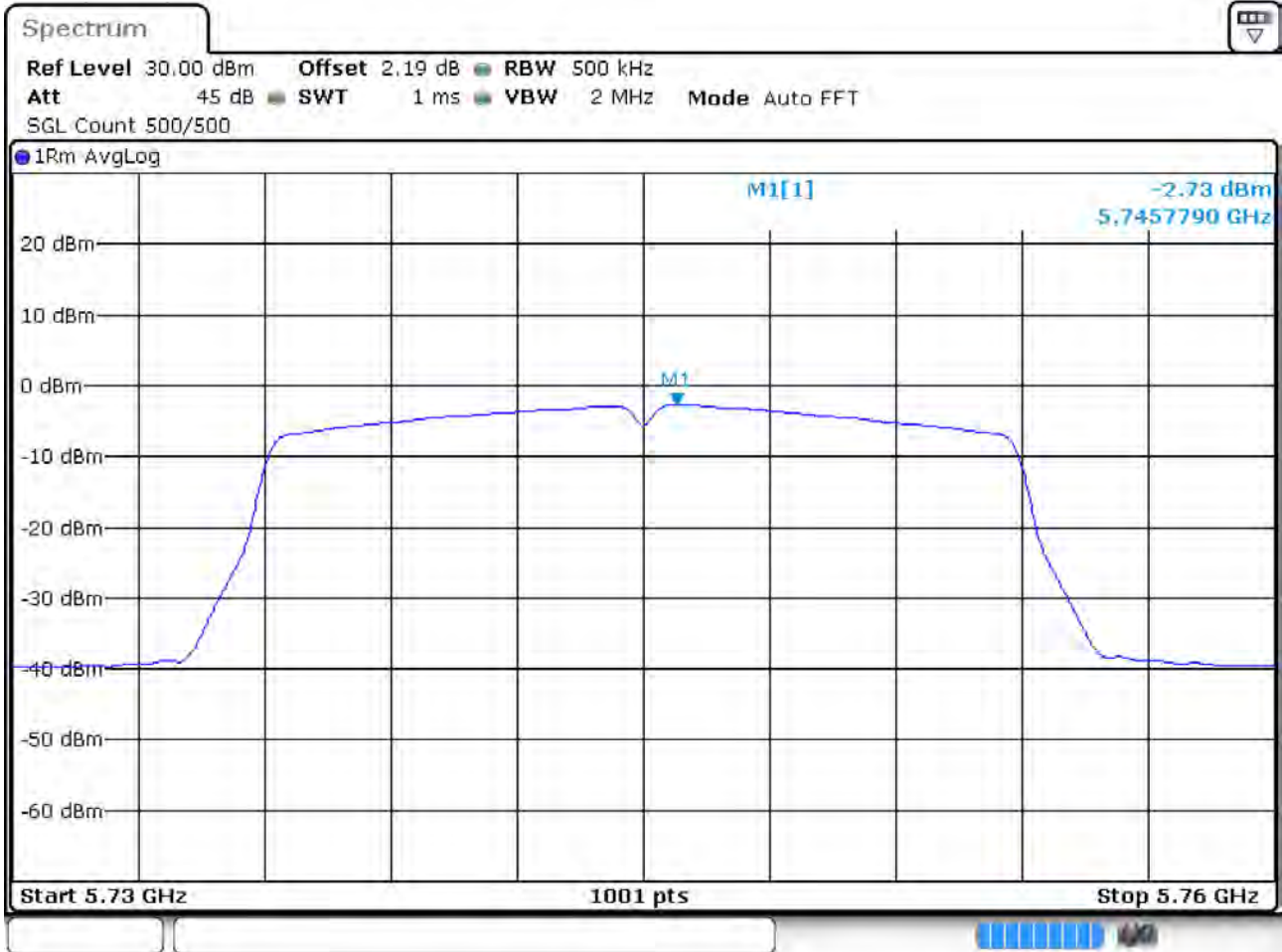


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4.8.2.41 11AC20\_149 ANT 1

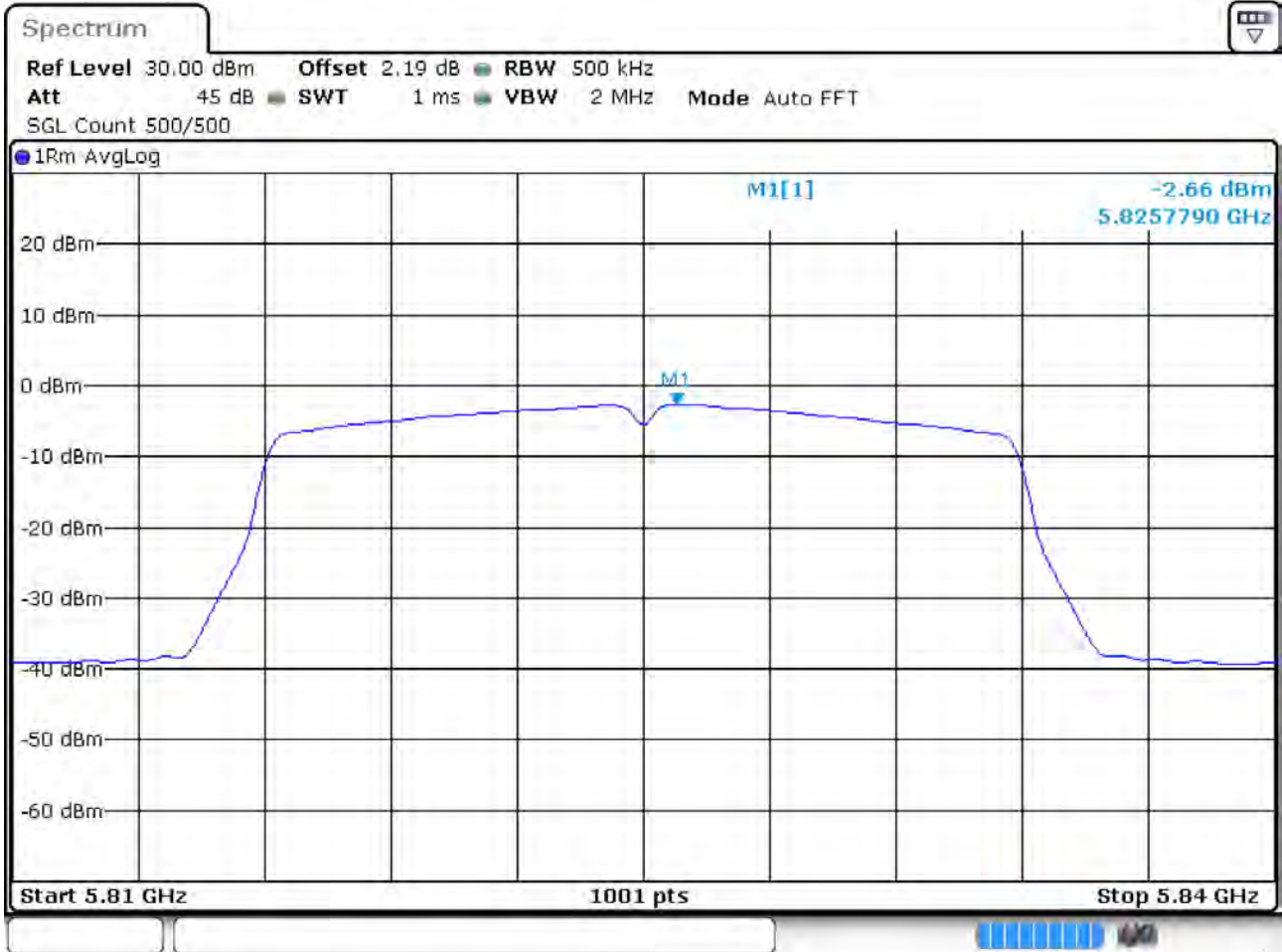


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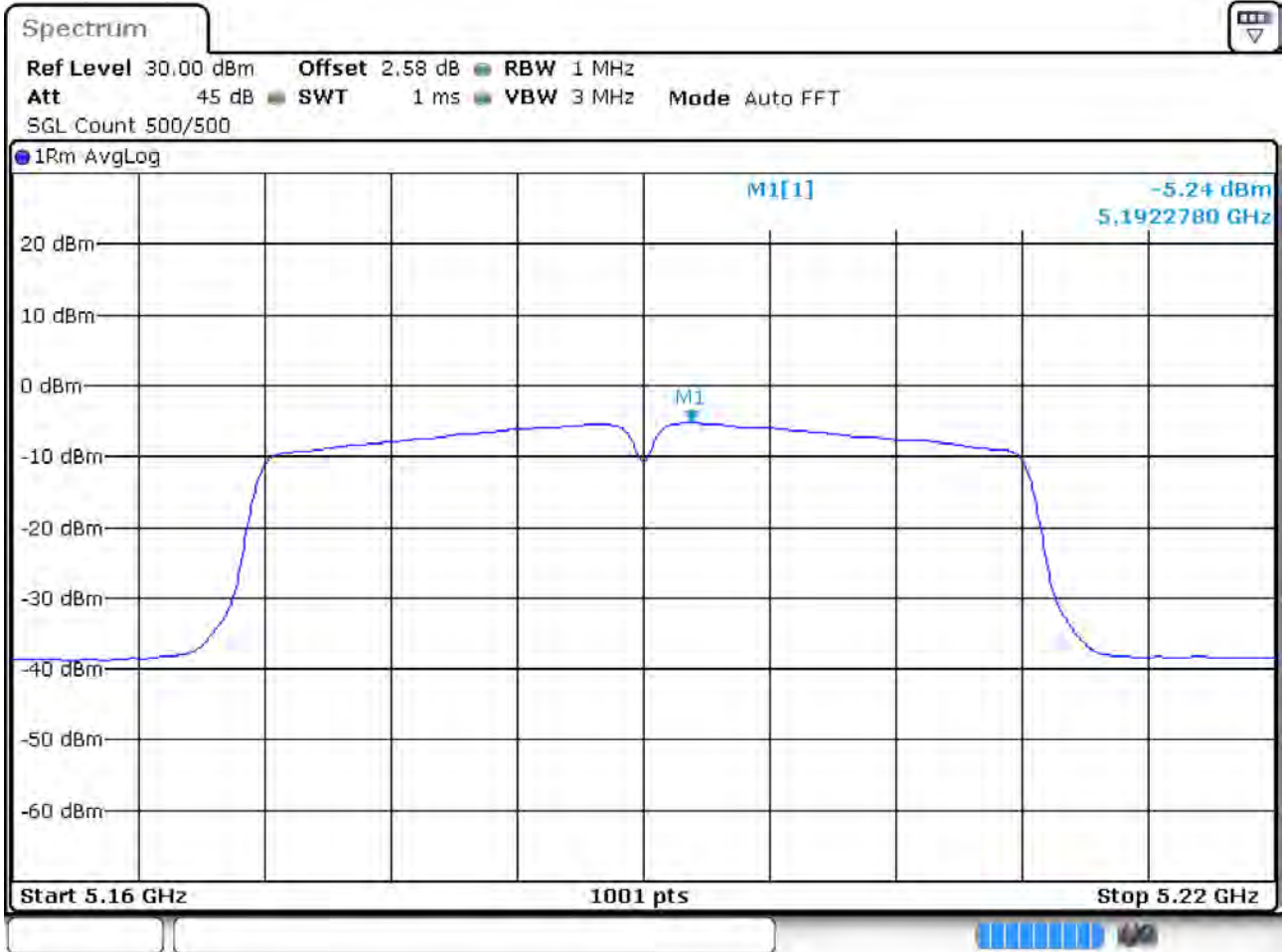
4.8.2.42 11AC20\_165 ANT 1



Date: 7, JUL 2020 05:17:20



4.8.2.43 11AC40\_38 ANT 1



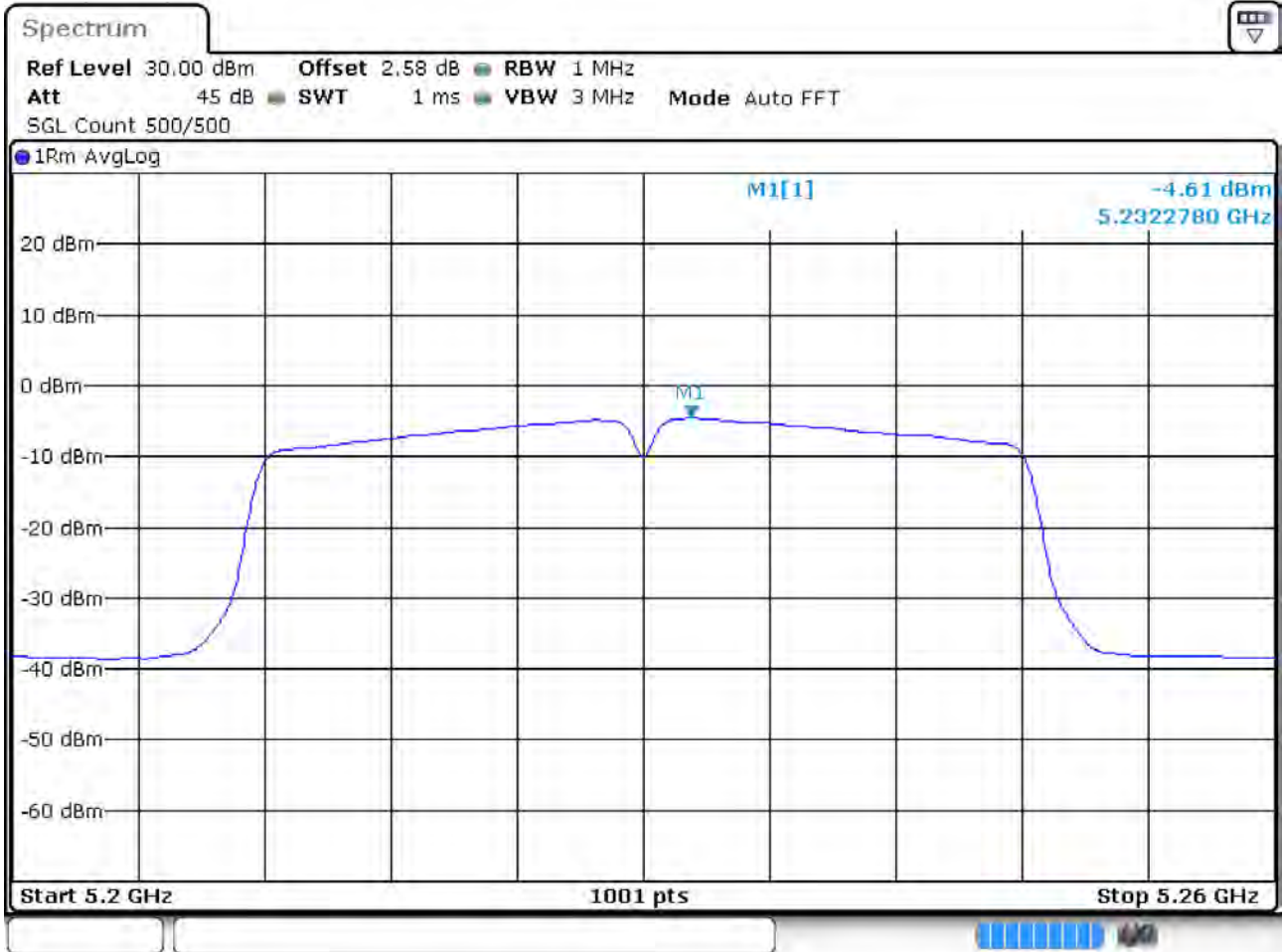
Date: 7, JUL 2020 07:15:45



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4.8.2.44 11AC40\_46 ANT 1



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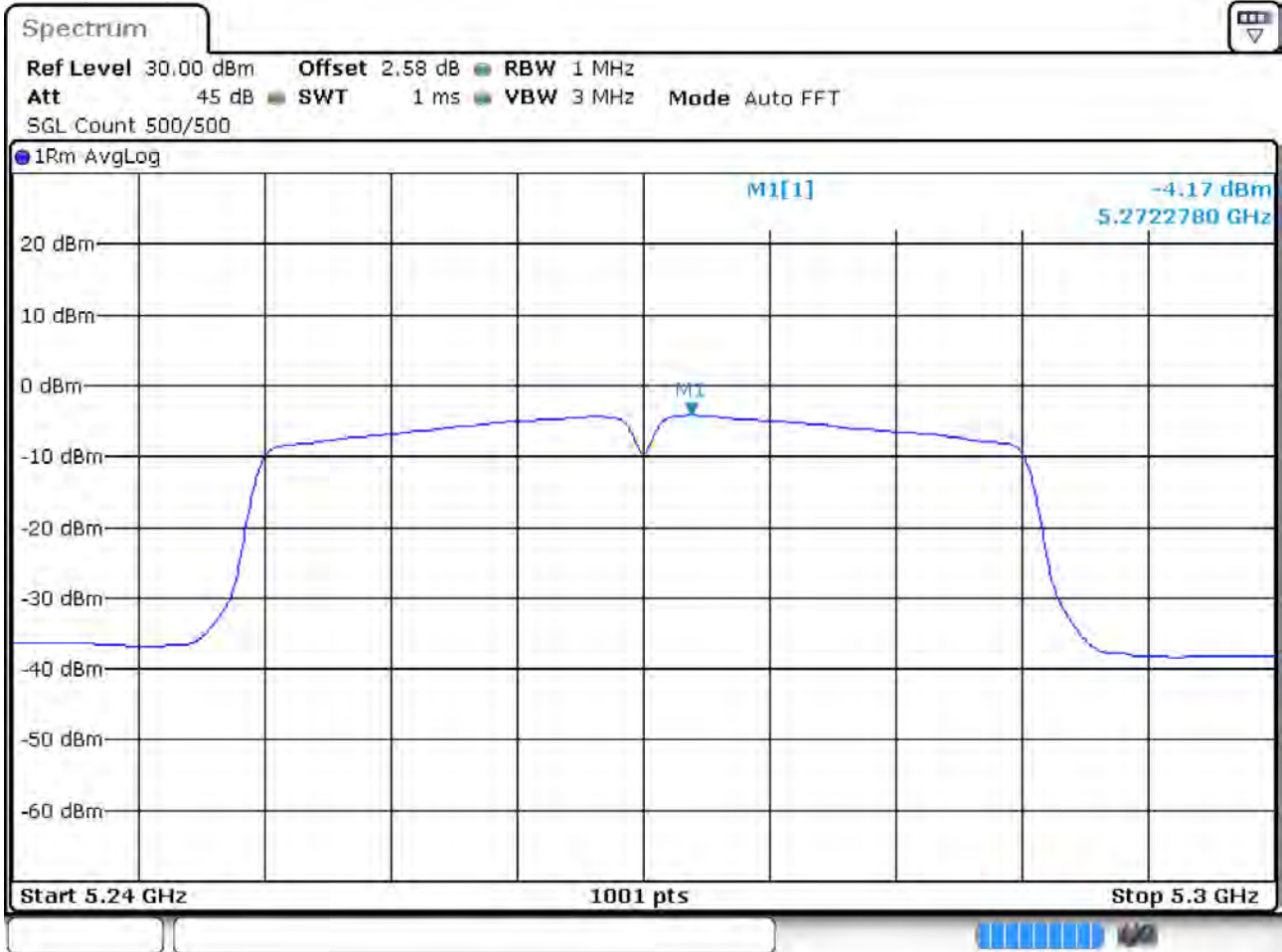


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4.8.2.45 11AC40\_54 ANT 1



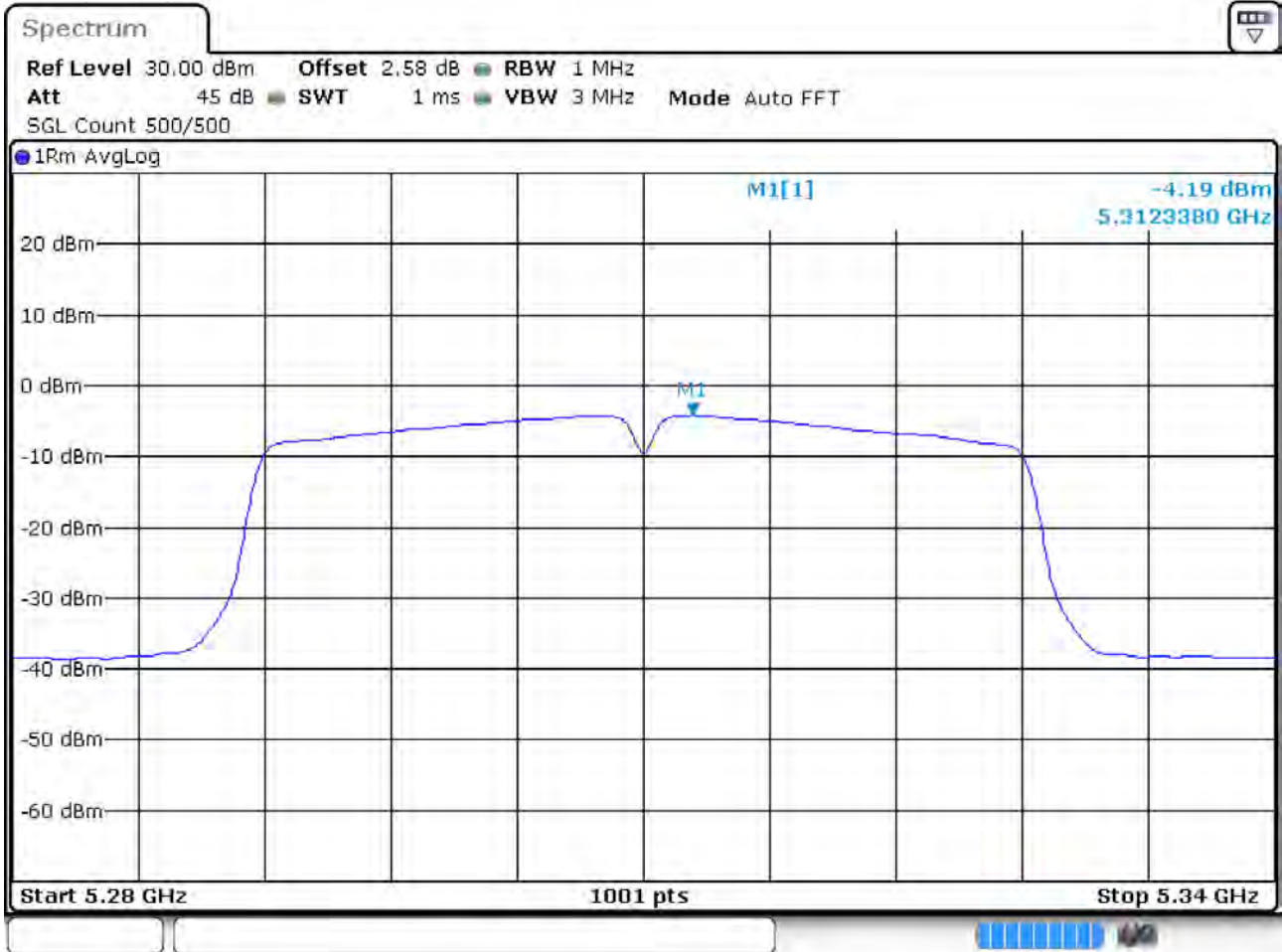
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4.8.2.46 11AC40\_62 ANT 1

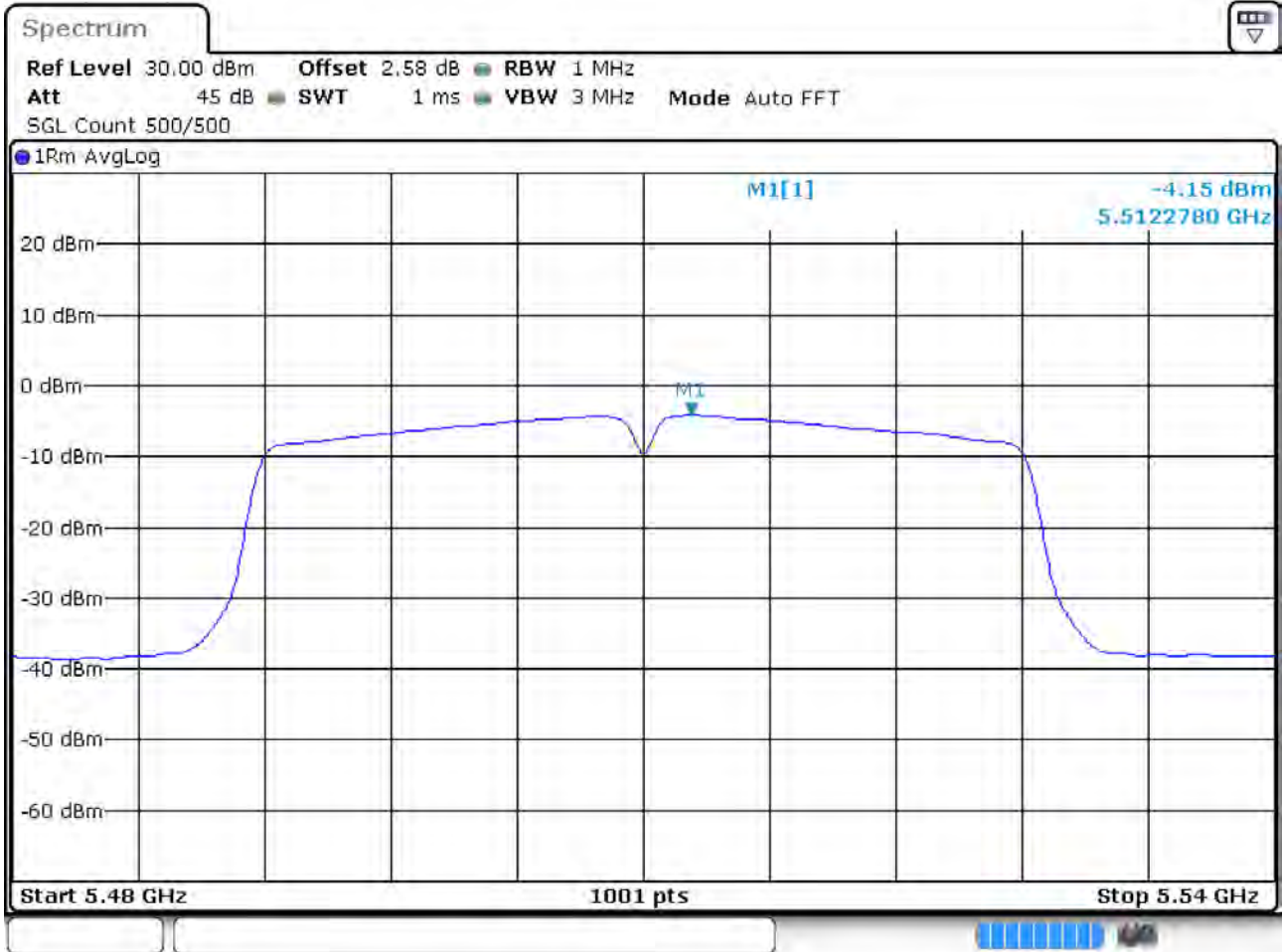


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4.8.2.47 11AC40\_102 ANT 1

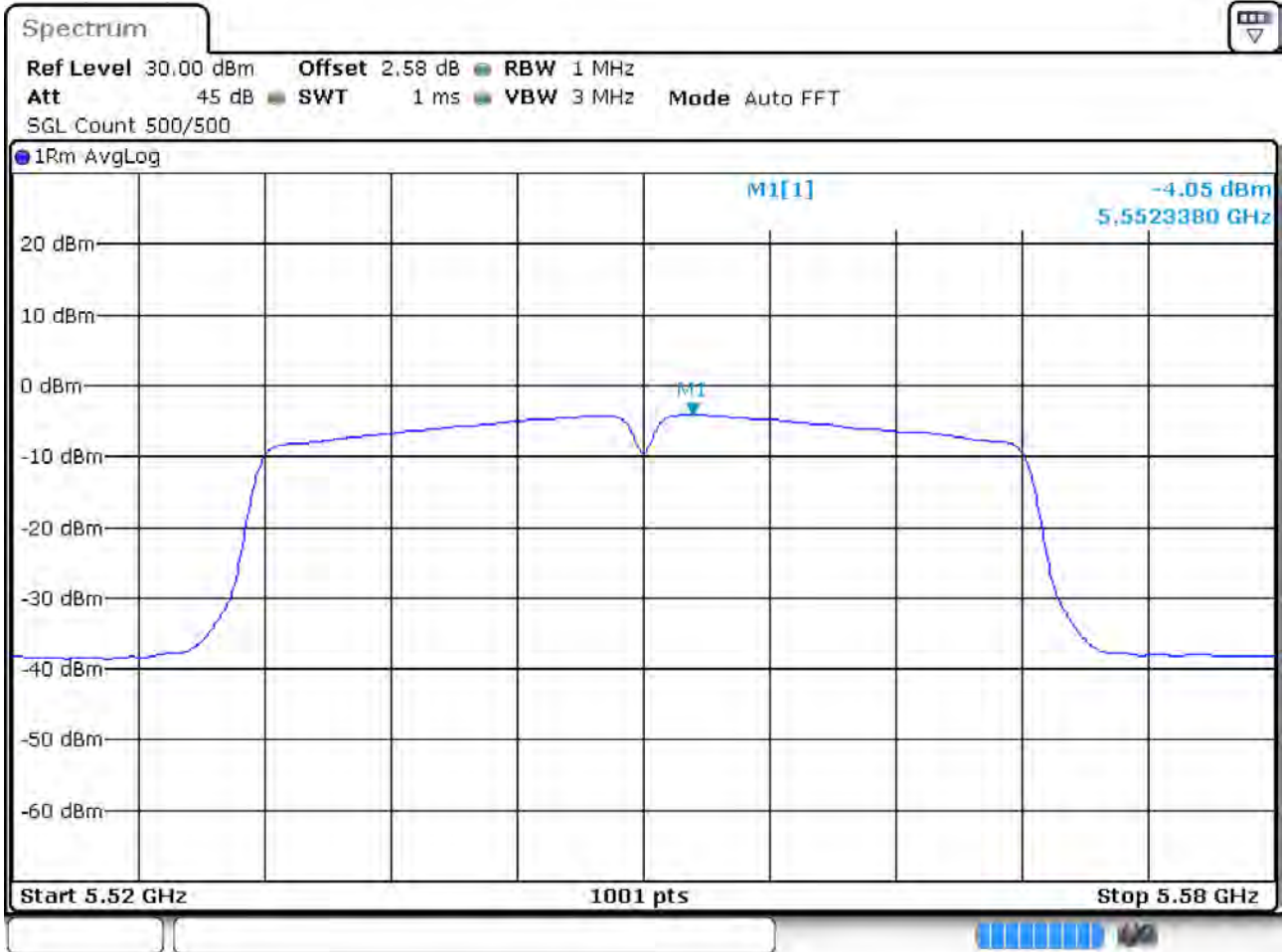


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4.8.2.48 11AC40\_110 ANT 1



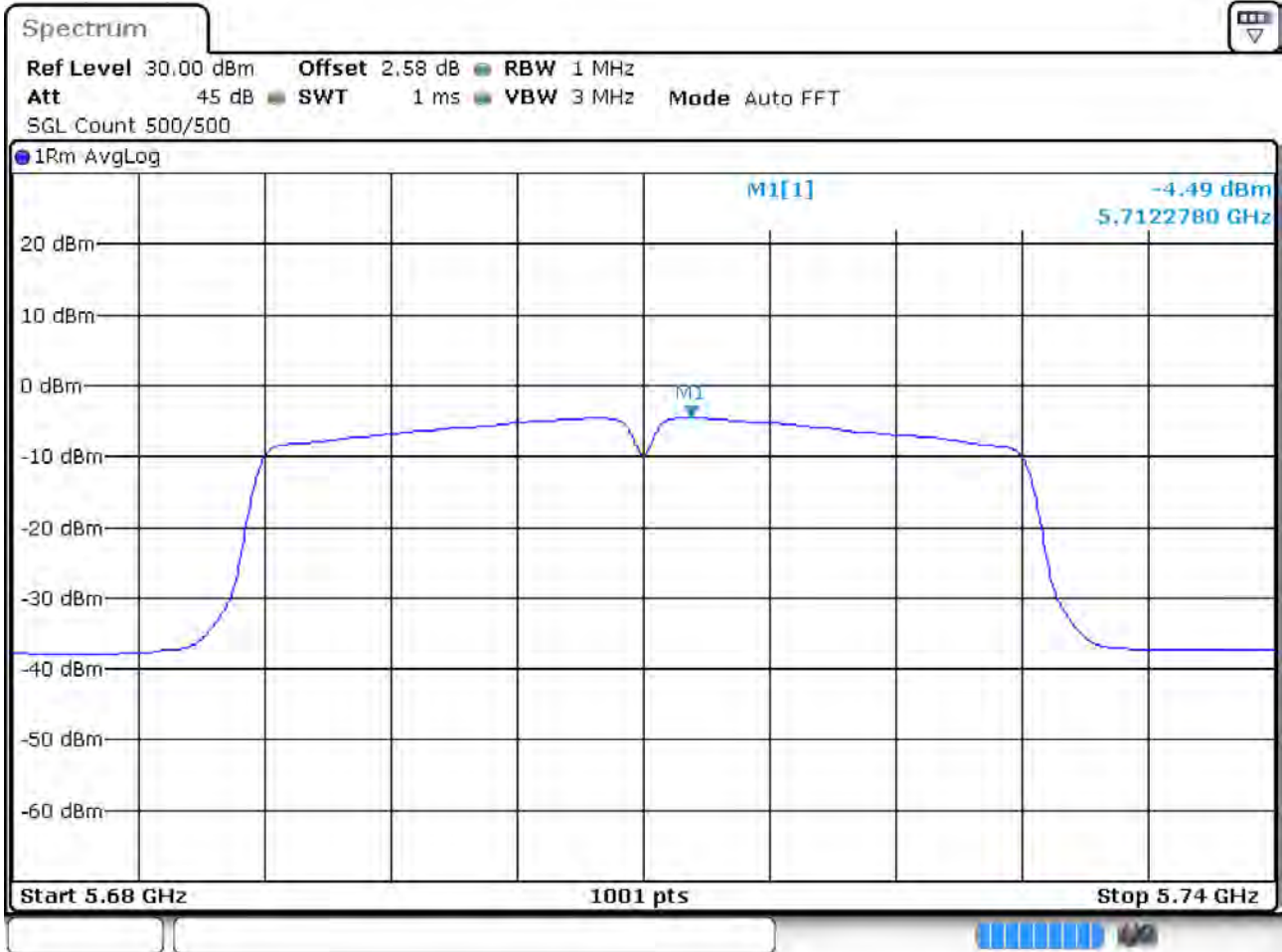
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**4.8.2.49 11AC40\_142 ANT 1**

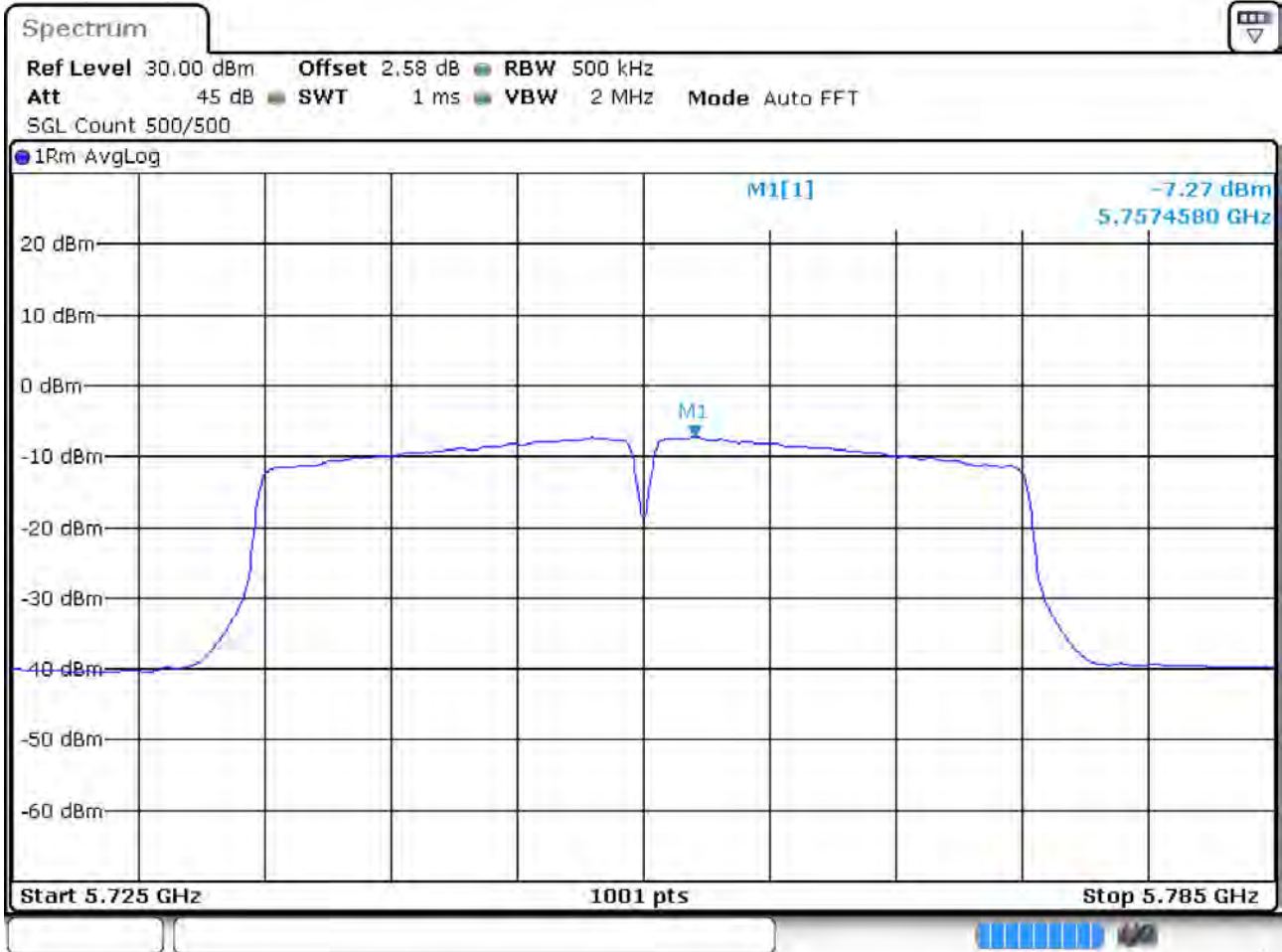


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4.8.2.50 11AC40\_151 ANT 1



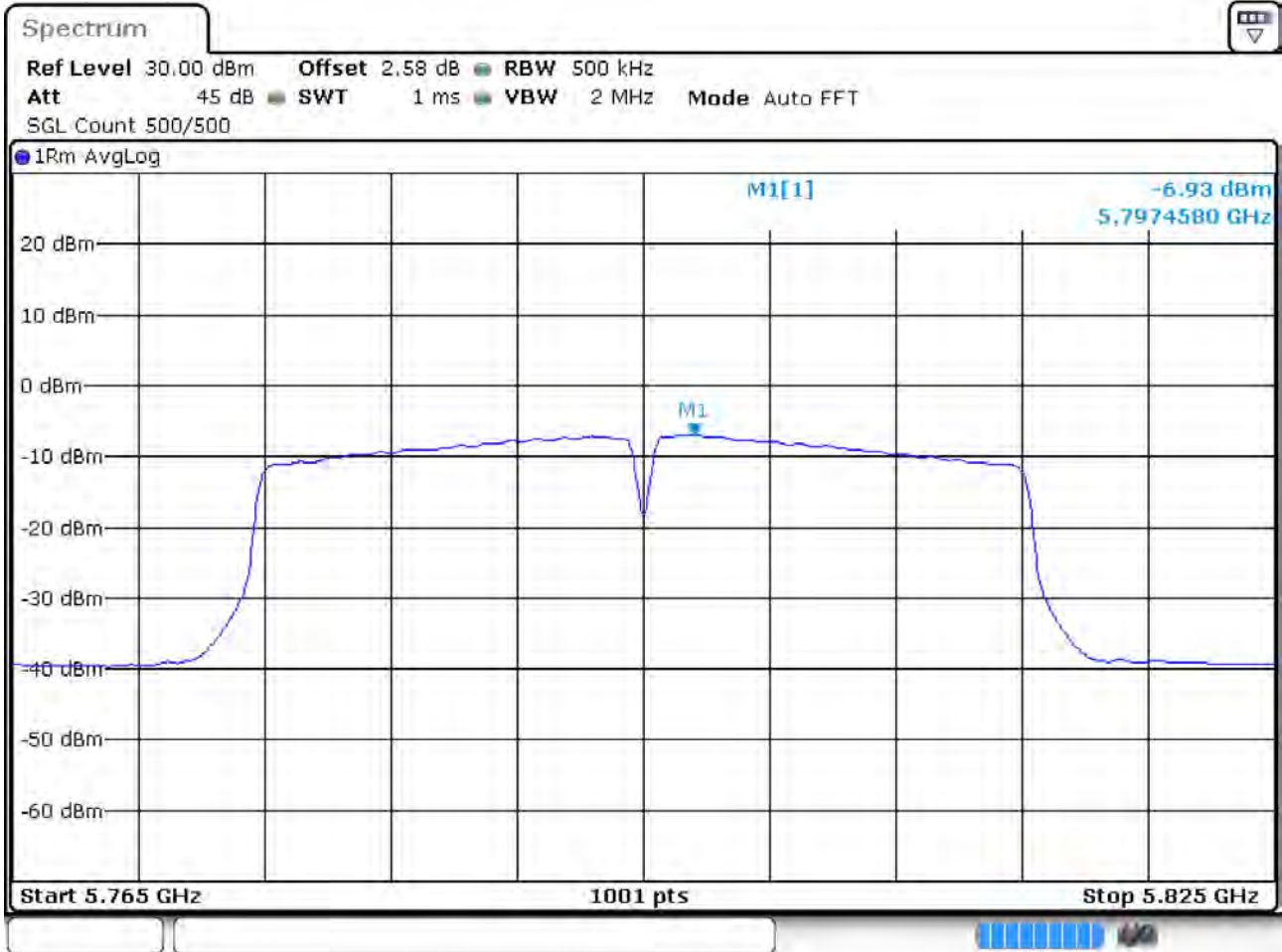
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**4.8.2.51 11AC40\_159 ANT 1**



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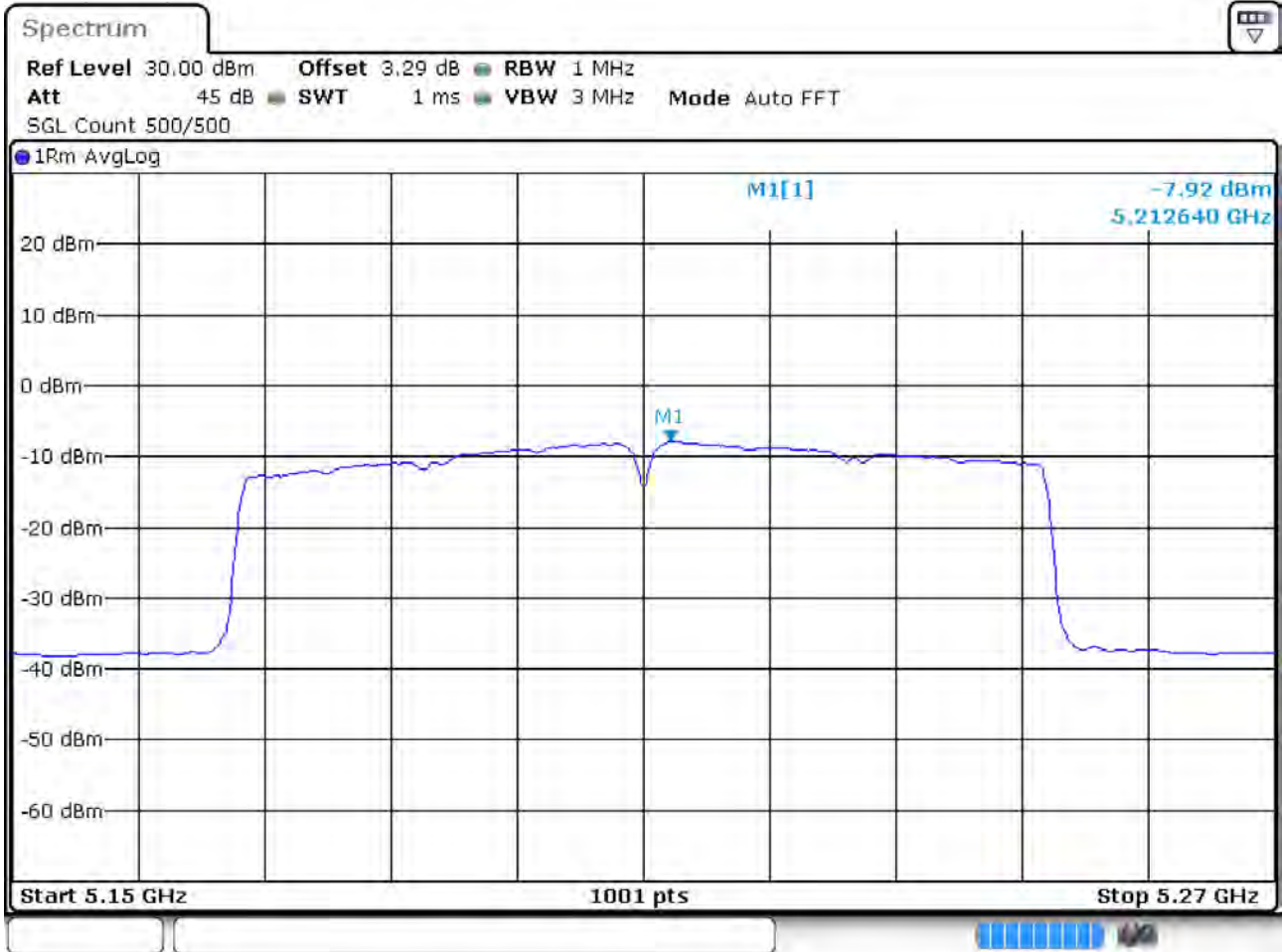


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4.8.2.52 11AC80\_42 ANT 1

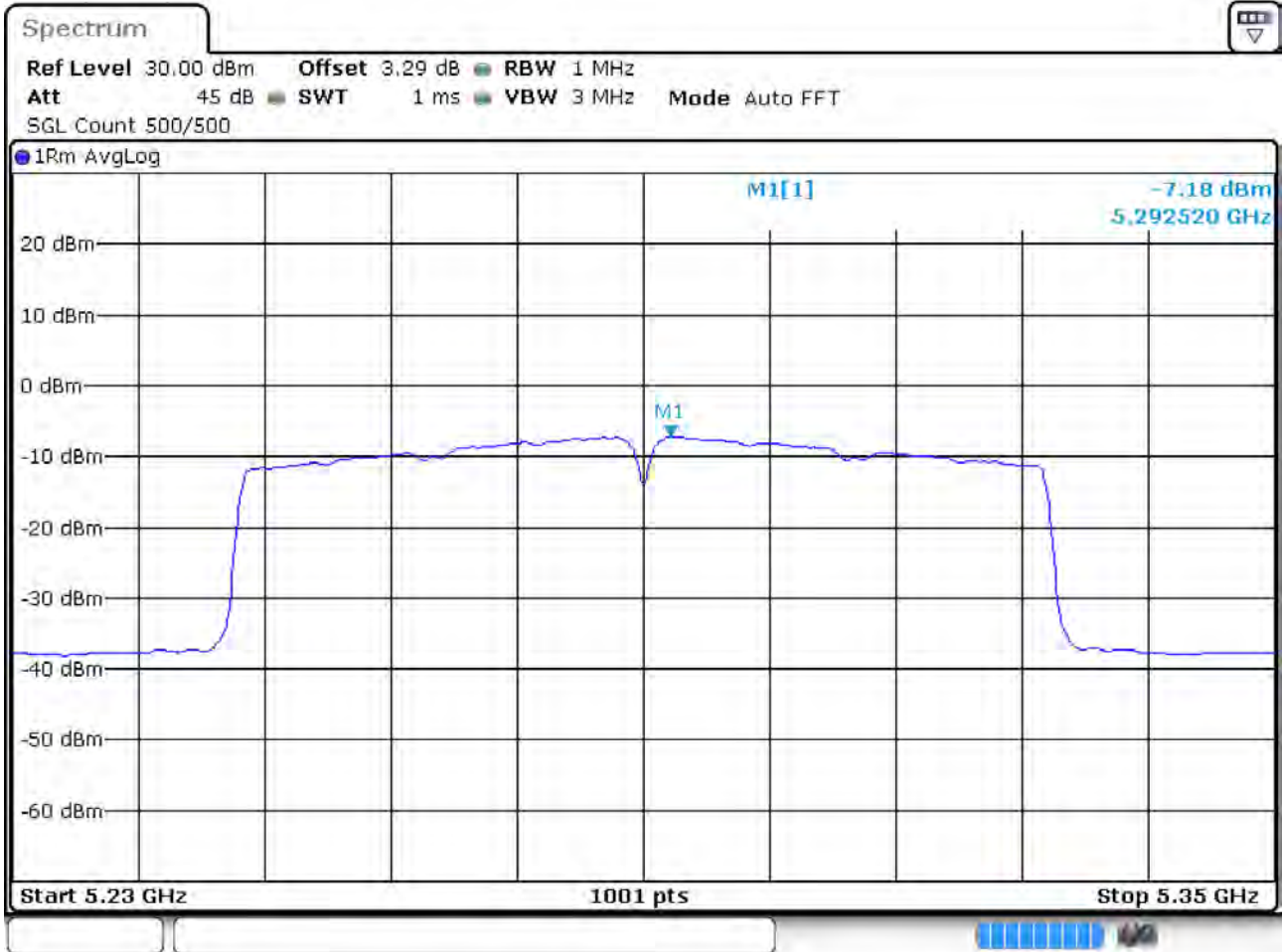


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**4.8.2.53 11AC80\_58 ANT 1**

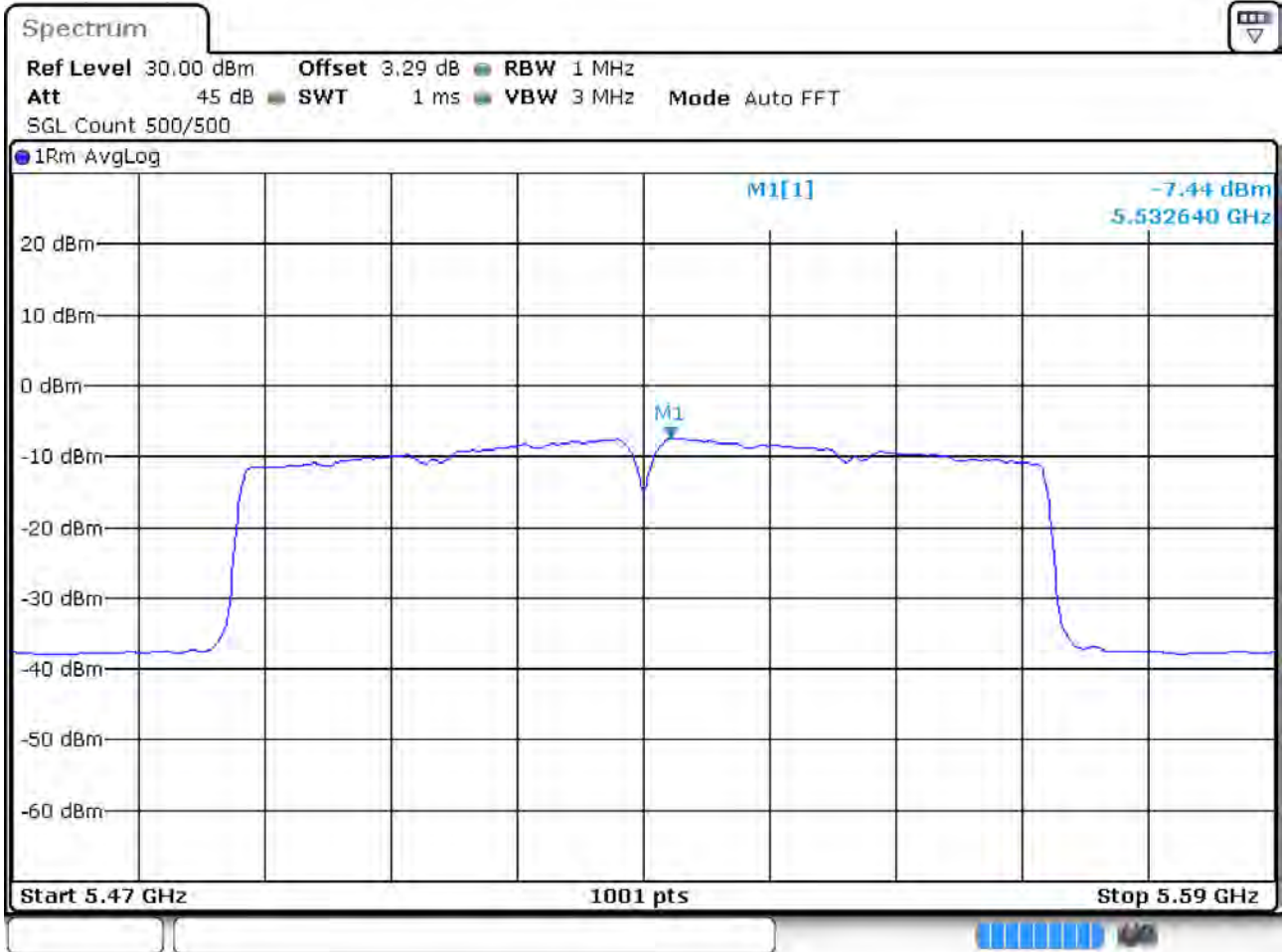


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4.8.2.54 11AC80\_106 ANT 1

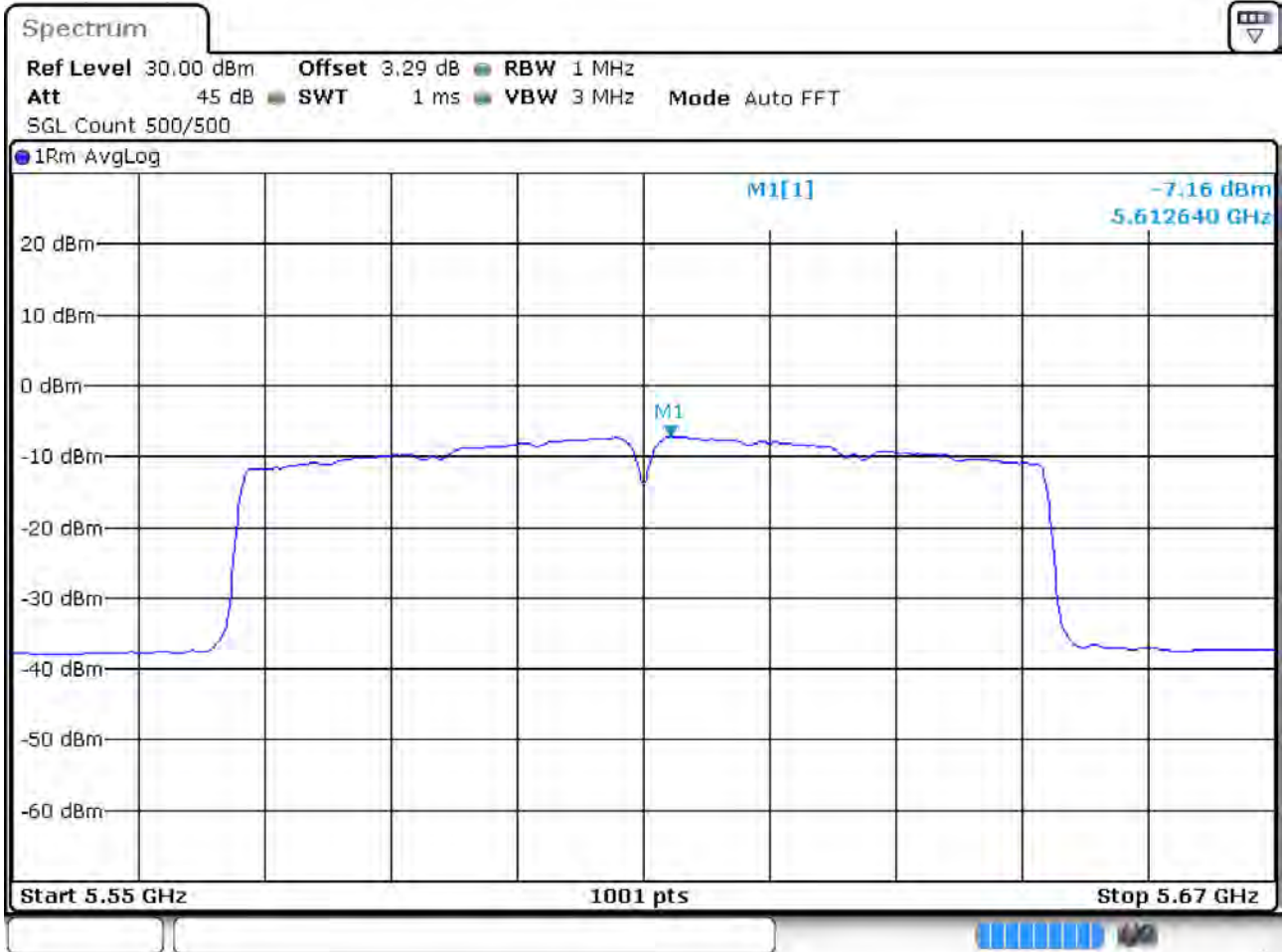


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4.8.2.55 11AC80\_122 ANT 1



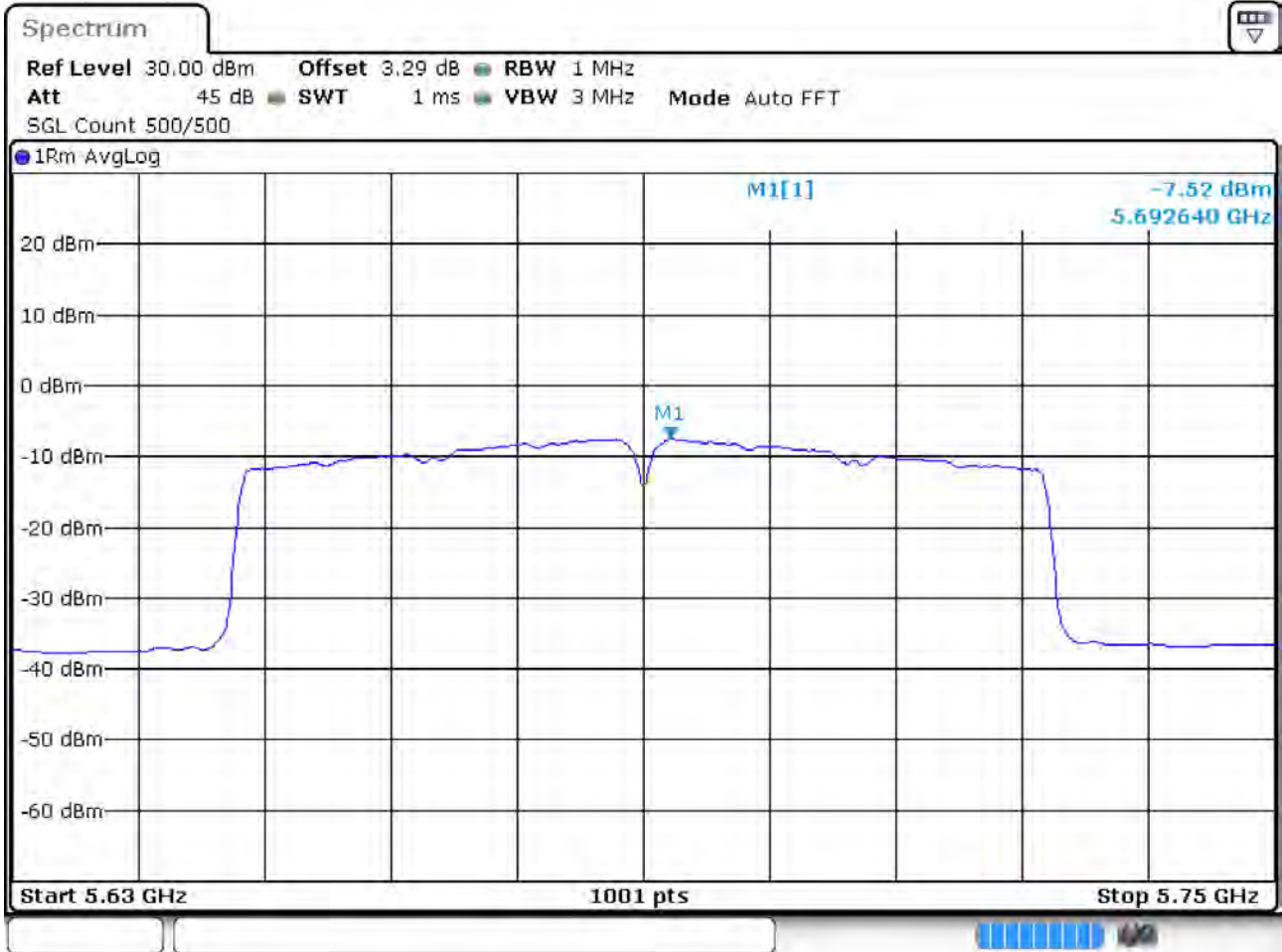
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4.8.2.56 11AC80\_138 ANT 1



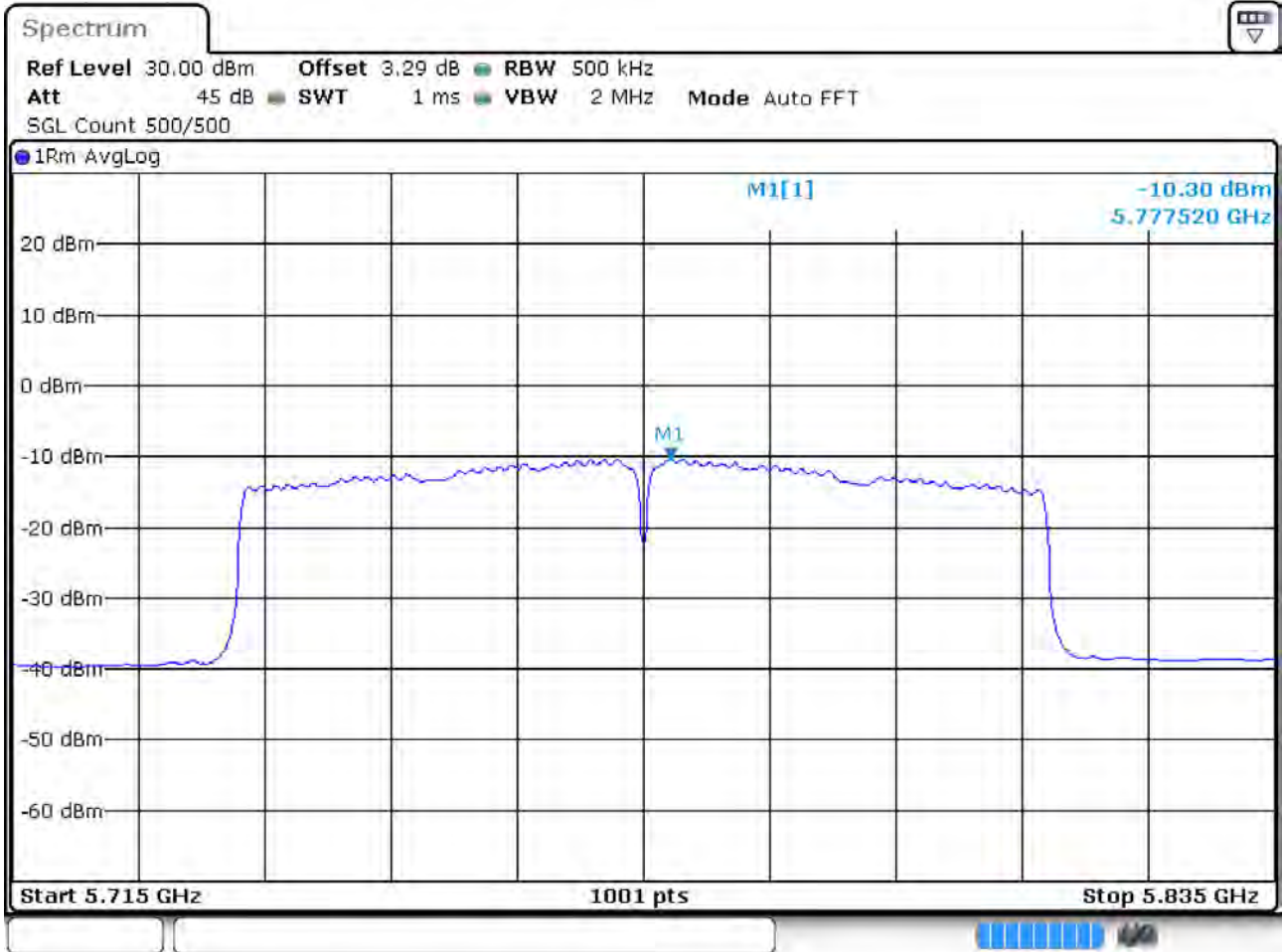
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4.8.2.57 11AC80\_155 ANT 1



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### 4.9 Radiated Spurious Emissions

Test Requirement:	47 CFR Part 15 Section 15.407(b)
Test Method:	ANSI C63.10: 2013
Test Site:	Measurement Distance: 3m or 10m (Semi-Anechoic Chamber)
Test Setup:	

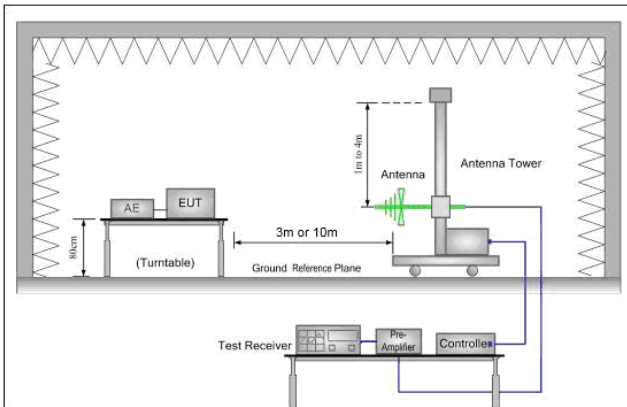


Figure 1. 30MHz to 1GHz

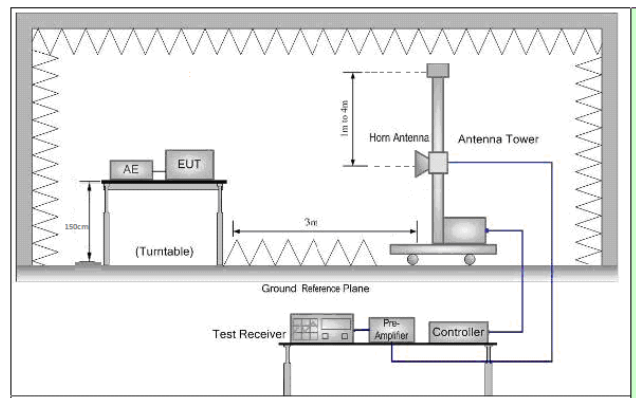


Figure 2. Above 1 GHz

<p><b>Test Procedure:</b></p>	<ol style="list-style-type: none"> <li>For below 1GHz test, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.</li> <li>For above 1GHz test, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.</li> <li>The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</li> <li>The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.</li> <li>For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.</li> <li>The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</li> <li>Test the EUT in the outermost channels.</li> <li>The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case.</li> </ol>
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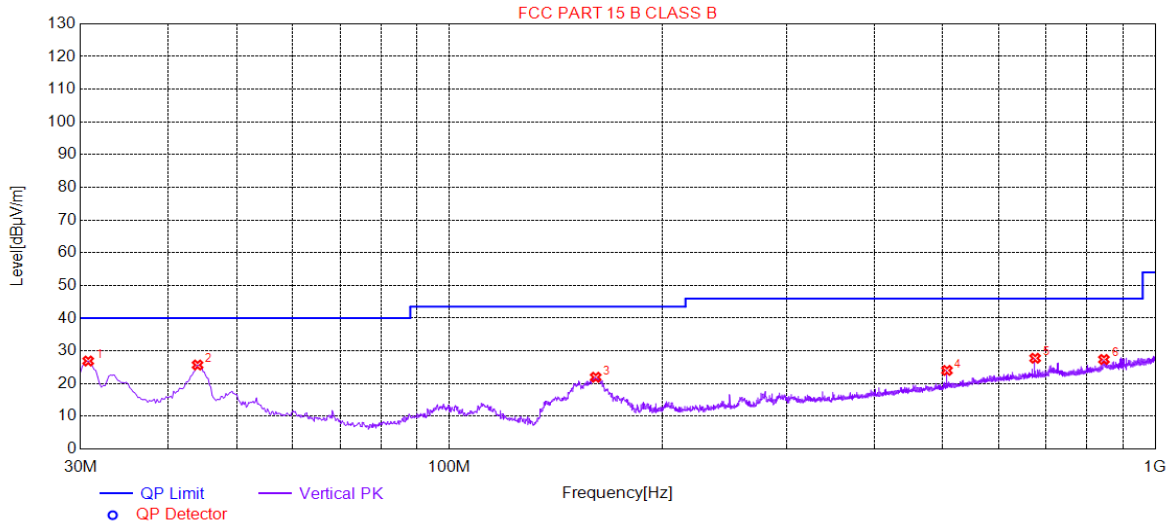
	i. Repeat above procedures until all frequencies measured was complete.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20); MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(HT20); MCS0 of rate is the worst case of 802.11ac(HT40); MCS0 of rate is the worst case of 802.11ac(HT80) For below 1GHz, through Pre-scan, find the 1Mbps of rate of 802.11a at lowest channel is the worst case. Only the worst case is recorded in the report.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass



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**4.9.1 Radiated emission below 1GHz**

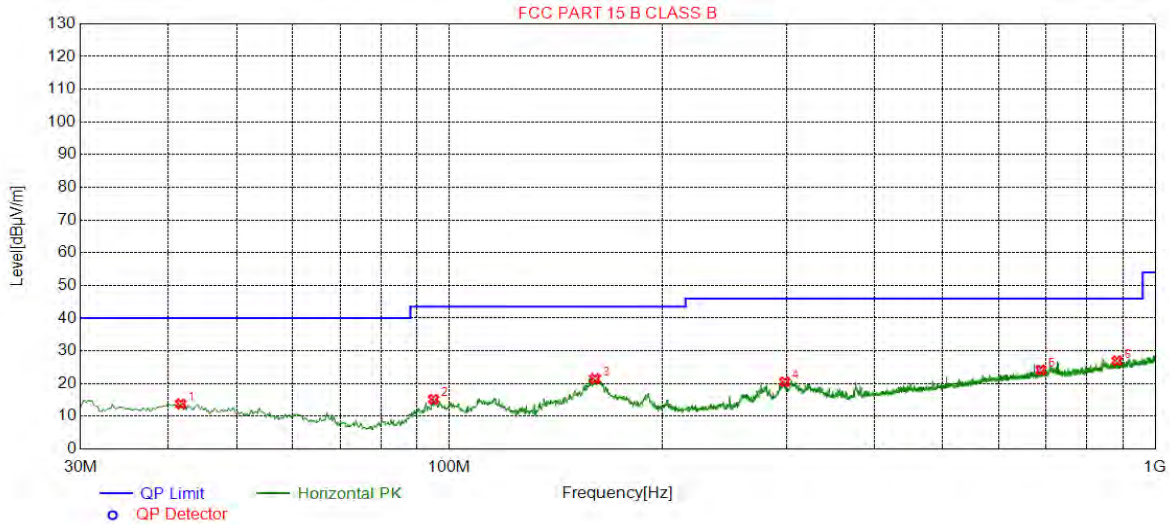
<b>30MHz~1GHz (QP)</b>		
Test mode:	Transmitting	Vertical



<b>Suspected List</b>								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	30.7762	26.91	-30.06	40.00	13.09	100	308	Vertical
2	43.9708	25.69	-30.00	40.00	14.31	100	241	Vertical
3	161.170	21.95	-34.56	43.50	21.55	100	340	Vertical
4	506.947	24.03	-23.14	46.00	21.97	100	337	Vertical
5	675.955	27.76	-19.76	46.00	18.24	100	267	Vertical
6	845.933	27.38	-16.95	46.00	18.62	200	1	Vertical



Test mode:	Transmitting	Horizontal
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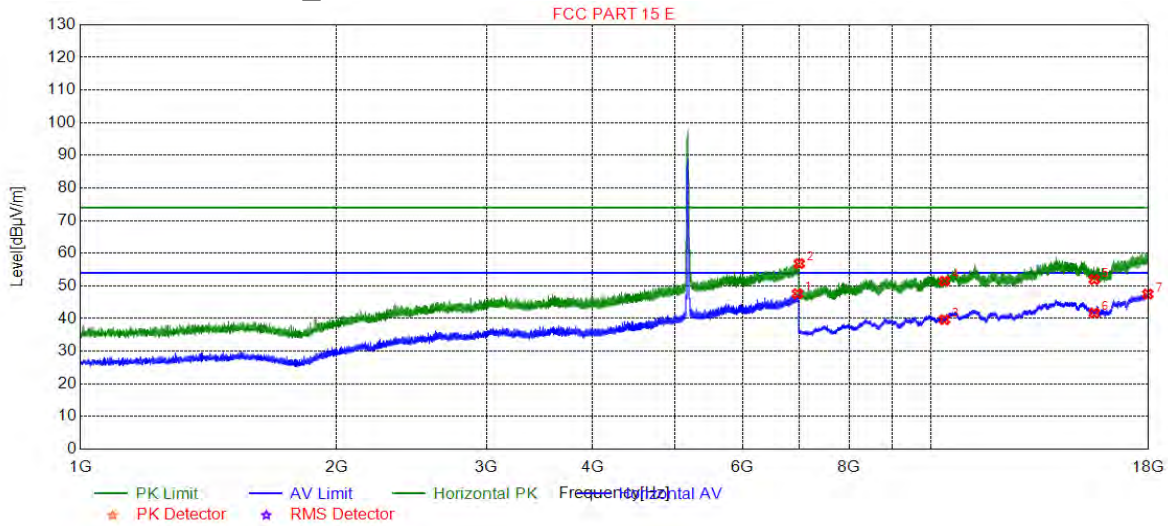
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	41.6423	13.79	-29.03	40.00	26.21	200	201	Horizontal
2	95.0030	15.18	-32.89	43.50	28.32	200	253	Horizontal
3	160.782	21.49	-34.58	43.50	22.01	200	119	Horizontal
4	298.743	20.54	-28.31	46.00	25.46	100	268	Horizontal
5	688.761	24.17	-19.63	46.00	21.83	200	157	Horizontal
6	883.188	26.97	-16.32	46.00	19.03	200	245	Horizontal



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### 4.9.2 Transmitter emission above 1GHz

#### 4.9.2.1 802.11A\_Channel 36



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6960.69	47.62	21.26	54.00	6.38	150	89	Horizontal
2	6994.29	56.86	21.27	74.00	17.14	150	342	Horizontal
3	10360.0	39.69	-3.63	54.00	14.31	150	242	Horizontal
4	10360.0	51.48	-3.63	74.00	22.52	150	192	Horizontal
5	15540.0	51.97	0.46	74.00	22.03	150	342	Horizontal
6	15540.0	41.69	0.46	54.00	12.31	150	242	Horizontal
7	17957.6	47.52	1.71	54.00	6.48	150	192	Horizontal

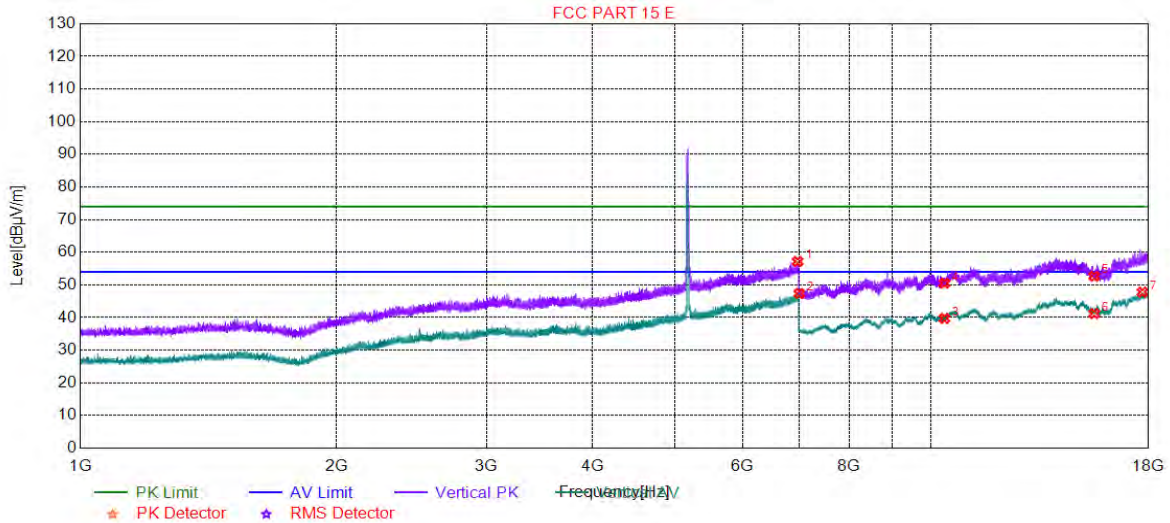


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**4.9.2.2 802.11A\_Channel 36**



Suspected List								
NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6964.89	57.18	21.26	74.00	16.82	150	220	Vertical
2	6996.09	47.40	21.27	54.00	6.60	150	169	Vertical
3	10360.0	39.76	-3.63	54.00	14.24	150	119	Vertical
4	10360.0	50.53	-3.63	74.00	23.47	150	18	Vertical
5	15540.0	52.64	0.46	74.00	21.36	150	119	Vertical
6	15540.0	41.21	0.46	54.00	12.79	150	319	Vertical
7	17700.7	47.79	2.34	54.00	6.21	150	360	Vertical

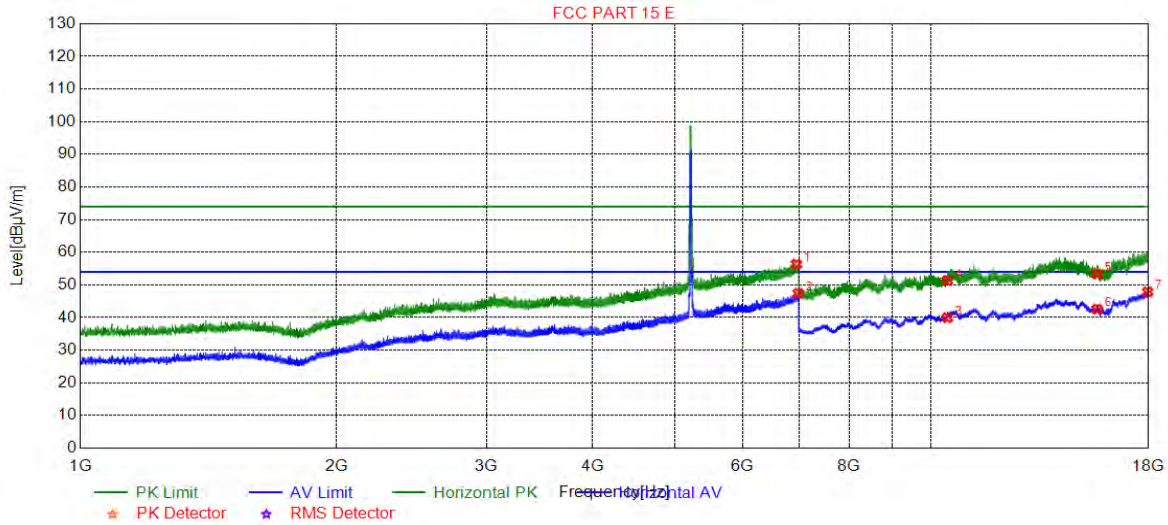


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**4.9.2.3 802.11A\_Channel 44**



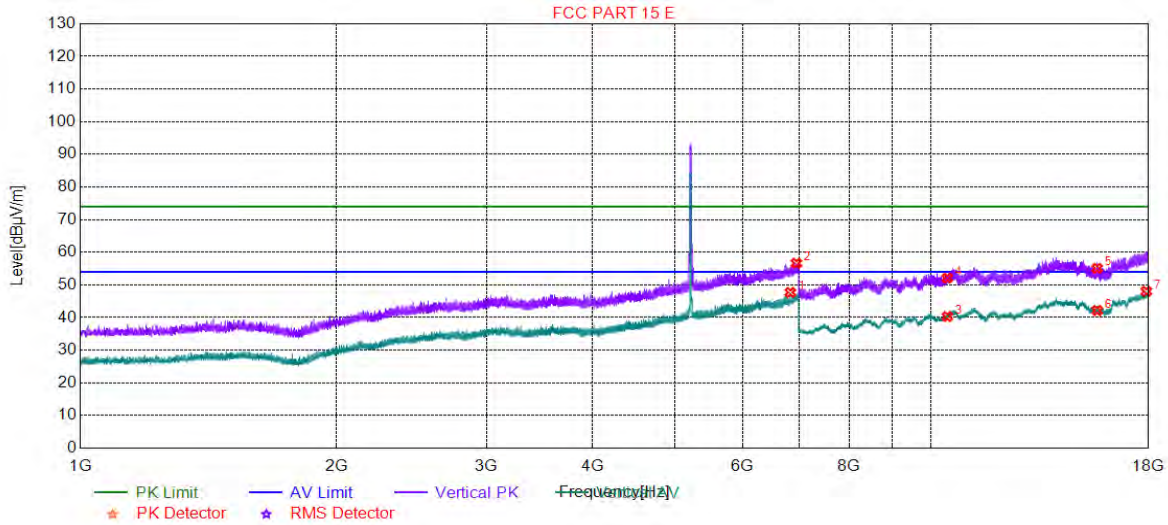
Suspected List								
NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6939.99	56.35	21.17	74.00	17.65	150	40	Horizontal
2	6974.19	47.45	21.26	54.00	6.55	150	40	Horizontal
3	10440.0	39.98	-3.24	54.00	14.02	150	40	Horizontal
4	10440.0	51.35	-3.24	74.00	22.65	150	0	Horizontal
5	15660.0	53.33	0.43	74.00	20.67	150	292	Horizontal
6	15660.0	42.60	0.43	54.00	11.40	150	91	Horizontal
7	17948.8	47.87	1.70	54.00	6.13	150	40	Horizontal



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**4.9.2.4 802.11A\_Channel 44**



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6827.79	47.71	20.67	54.00	6.29	150	360	Vertical
2	6940.89	56.66	21.17	74.00	17.34	150	270	Vertical
3	10440.0	40.33	-3.24	54.00	13.67	150	69	Vertical
4	10440.0	52.13	-3.24	74.00	21.87	150	360	Vertical
5	15660.0	55.08	0.43	74.00	18.92	150	360	Vertical
6	15660.0	42.17	0.43	54.00	11.83	150	360	Vertical
7	17889.4	48.07	1.55	54.00	5.93	150	69	Vertical

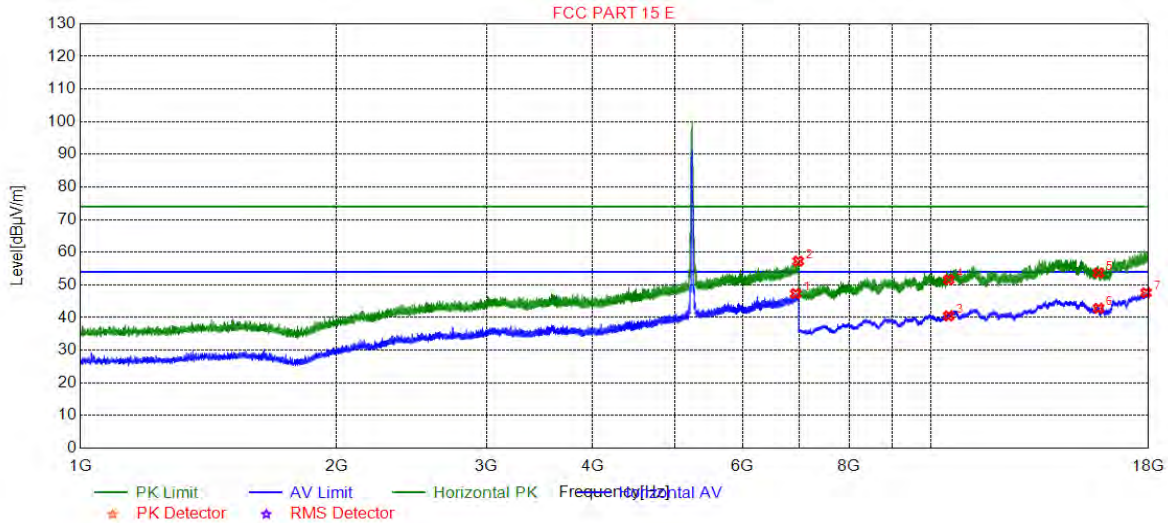


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**4.9.2.5 802.11A\_Channel 48**



Suspected List								
NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6926.79	47.36	21.05	54.00	6.64	150	241	Horizontal
2	6975.69	57.26	21.26	74.00	16.74	150	291	Horizontal
3	10480.0	40.52	-2.94	54.00	13.48	150	141	Horizontal
4	10480.0	51.60	-2.94	74.00	22.40	150	90	Horizontal
5	15720.0	53.70	0.29	74.00	20.30	150	40	Horizontal
6	15720.0	42.85	0.29	54.00	11.15	150	0	Horizontal
7	17871.2	47.61	1.31	54.00	6.39	150	0	Horizontal

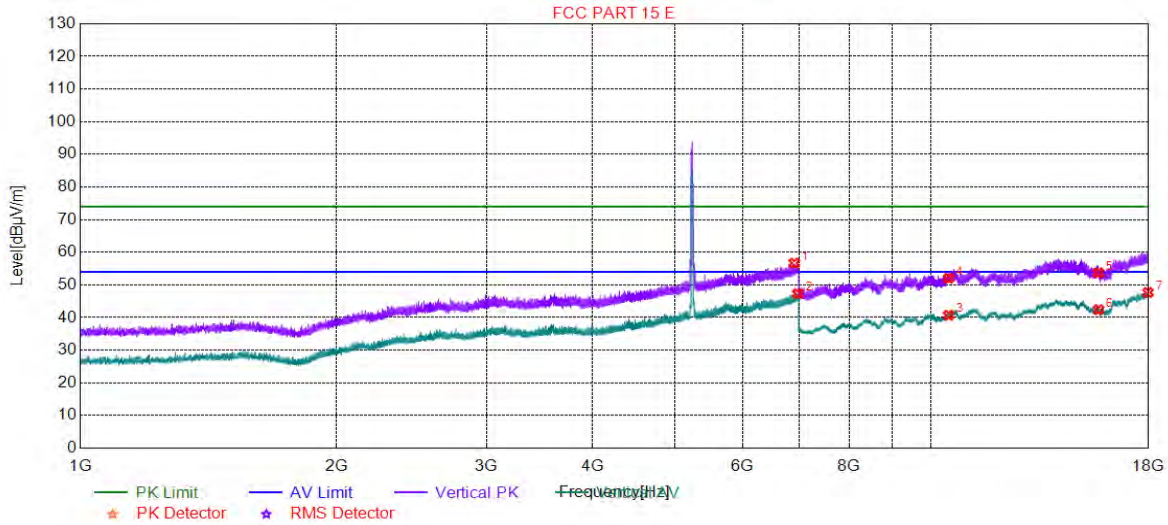


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**4.9.2.6 802.11A\_Channel 48**



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6901.29	56.69	20.82	74.00	17.31	150	18	Vertical
2	6968.79	47.37	21.26	54.00	6.63	150	170	Vertical
3	10480.0	40.74	-2.94	54.00	13.26	150	68	Vertical
4	10480.0	52.04	-2.94	74.00	21.96	150	269	Vertical
5	15720.0	53.72	0.29	74.00	20.28	150	218	Vertical
6	15720.0	42.43	0.29	54.00	11.57	150	319	Vertical
7	17967.5	47.70	1.71	54.00	6.30	150	18	Vertical

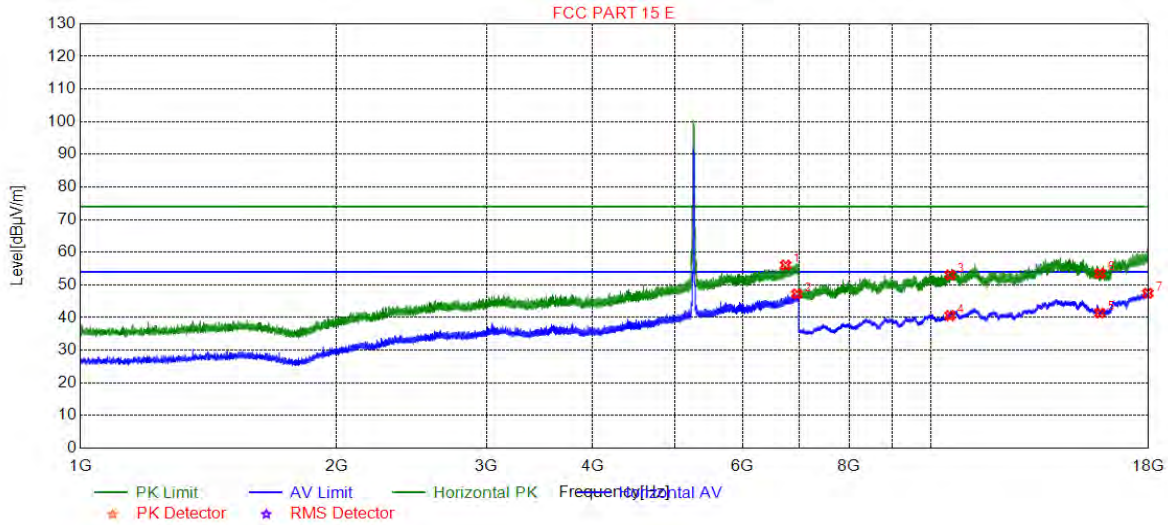


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**4.9.2.7 802.11A\_Channel 52**



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6741.98	56.07	20.50	74.00	17.93	150	241	Horizontal
2	6948.39	47.25	21.24	54.00	6.75	150	241	Horizontal
3	10520.0	53.06	-2.80	74.00	20.94	150	190	Horizontal
4	10520.0	40.59	-2.80	54.00	13.41	150	241	Horizontal
5	15780.0	41.38	-0.72	54.00	12.62	150	291	Horizontal
6	15780.0	53.53	-0.72	74.00	20.47	150	241	Horizontal
7	17958.1	47.47	1.71	54.00	6.53	150	241	Horizontal

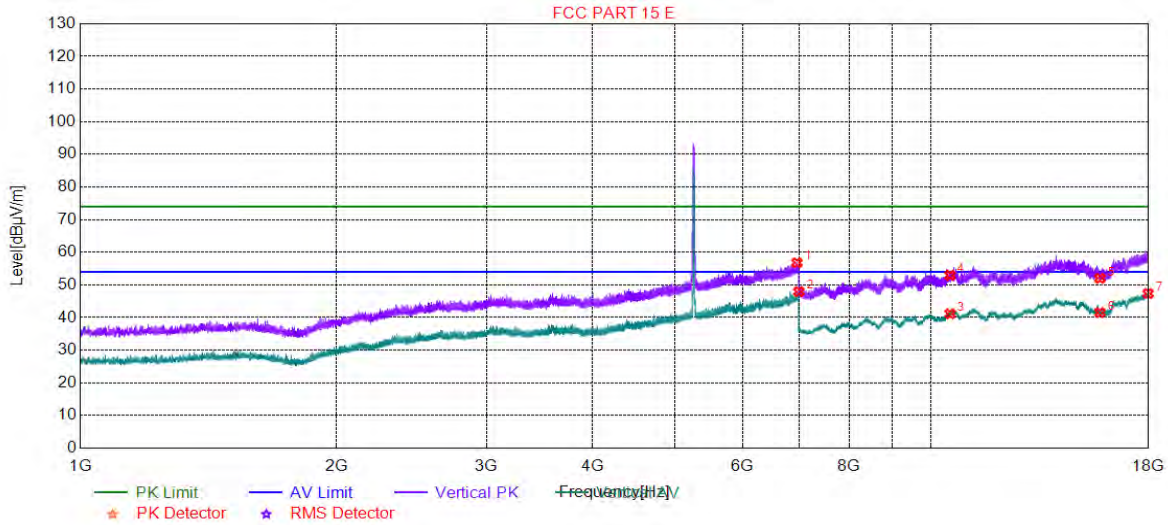


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**4.9.2.8 802.11A\_Channel 52**



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6951.09	56.80	21.26	74.00	17.20	150	321	Vertical
2	6987.09	47.96	21.27	54.00	6.04	150	219	Vertical
3	10520.0	41.16	-2.80	54.00	12.84	150	141	Vertical
4	10520.0	52.95	-2.80	74.00	21.05	150	168	Vertical
5	15780.0	52.01	-0.72	74.00	21.99	150	269	Vertical
6	15780.0	41.53	-0.72	54.00	12.47	150	292	Vertical
7	17974.1	47.39	1.71	54.00	6.61	150	342	Vertical

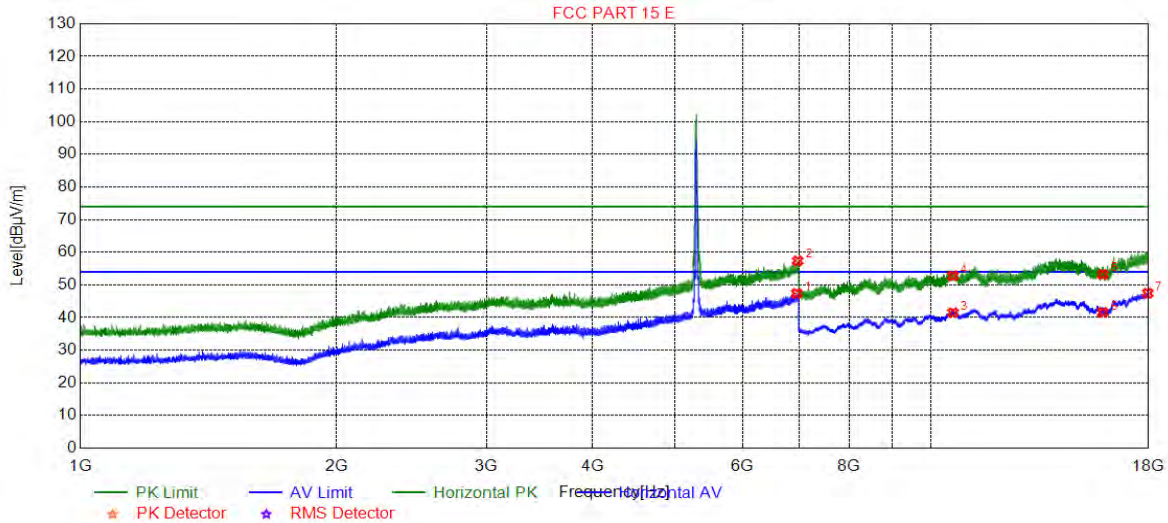


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**4.9.2.9 802.11A\_Channel 60**



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6946.89	47.42	21.23	54.00	6.58	150	342	Horizontal
2	6964.29	57.38	21.26	74.00	16.62	150	142	Horizontal
3	10600.0	41.49	-2.86	54.00	12.51	150	90	Horizontal
4	10600.0	52.79	-2.86	74.00	21.21	150	40	Horizontal
5	15900.0	53.23	-0.51	74.00	20.77	150	242	Horizontal
6	15900.0	41.59	-0.51	54.00	12.41	150	0	Horizontal
7	17954.3	47.47	1.71	54.00	6.53	150	140	Horizontal

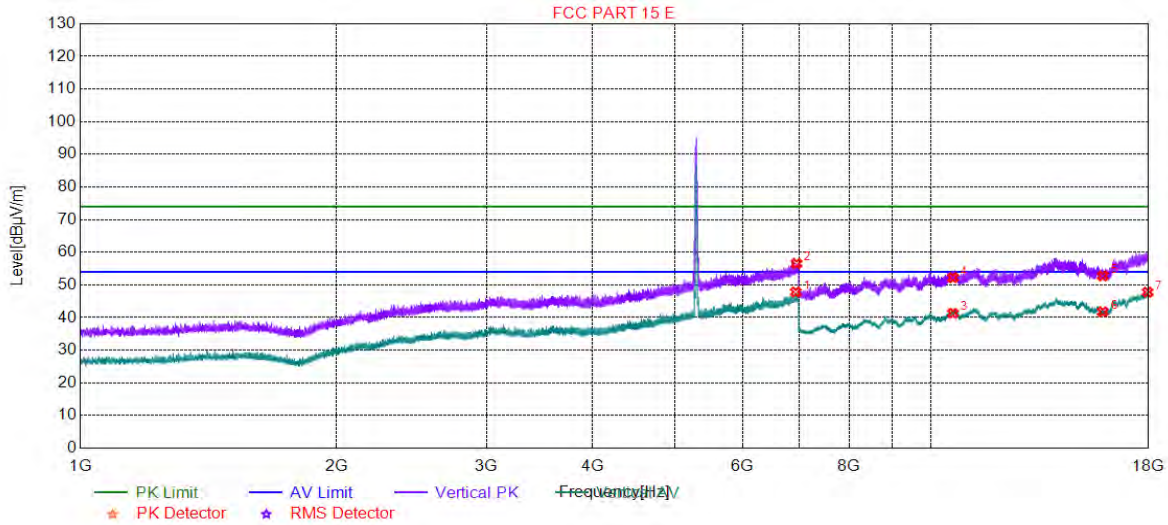


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**4.9.2.10 802.11A\_Channel 60**

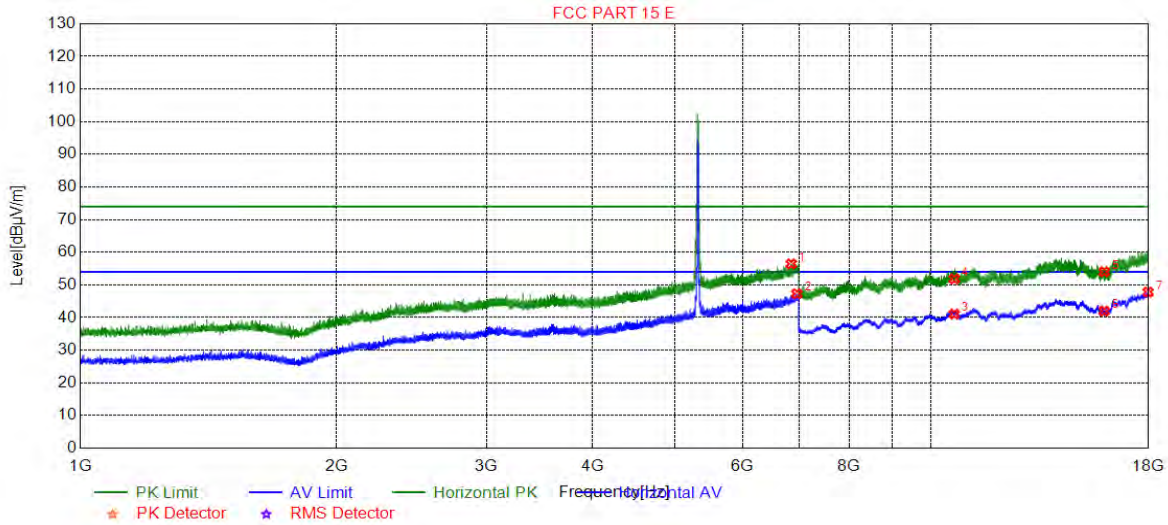


Suspected List								
NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6928.59	47.83	21.06	54.00	6.17	150	170	Vertical
2	6943.59	56.56	21.20	74.00	17.44	150	18	Vertical
3	10600.0	41.32	-2.86	54.00	12.68	150	119	Vertical
4	10600.0	52.23	-2.86	74.00	21.77	150	69	Vertical
5	15900.0	52.77	-0.51	74.00	21.23	150	268	Vertical
6	15900.0	41.76	-0.51	54.00	12.24	150	169	Vertical
7	17950.4	47.77	1.71	54.00	6.23	150	169	Vertical



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**4.9.2.11 802.11A\_Channel 64**



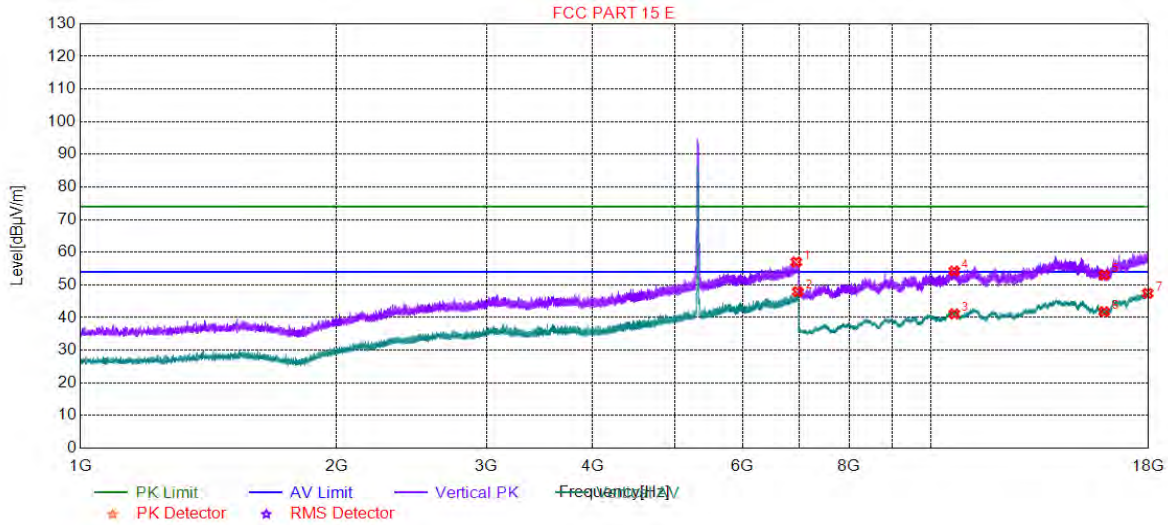
Suspected List								
NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6844.59	56.46	20.83	74.00	17.54	150	292	Horizontal
2	6949.29	47.28	21.25	54.00	6.72	150	140	Horizontal
3	10640.0	41.06	-2.84	54.00	12.94	150	0	Horizontal
4	10640.0	51.83	-2.84	74.00	22.17	150	40	Horizontal
5	15960.0	54.03	-0.61	74.00	19.97	150	190	Horizontal
6	15960.0	42.01	-0.61	54.00	11.99	150	190	Horizontal
7	17971.9	47.81	1.71	54.00	6.19	150	40	Horizontal



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**4.9.2.12 802.11A\_Channel 64**



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6937.89	57.04	21.15	74.00	16.96	150	360	Vertical
2	6966.39	47.94	21.26	54.00	6.06	150	360	Vertical
3	10640.0	41.12	-2.84	54.00	12.88	150	69	Vertical
4	10640.0	54.26	-2.84	74.00	19.74	150	168	Vertical
5	15960.0	52.99	-0.61	74.00	21.01	150	118	Vertical
6	15960.0	41.80	-0.61	54.00	12.20	150	219	Vertical
7	17954.8	47.45	1.71	54.00	6.55	150	168	Vertical

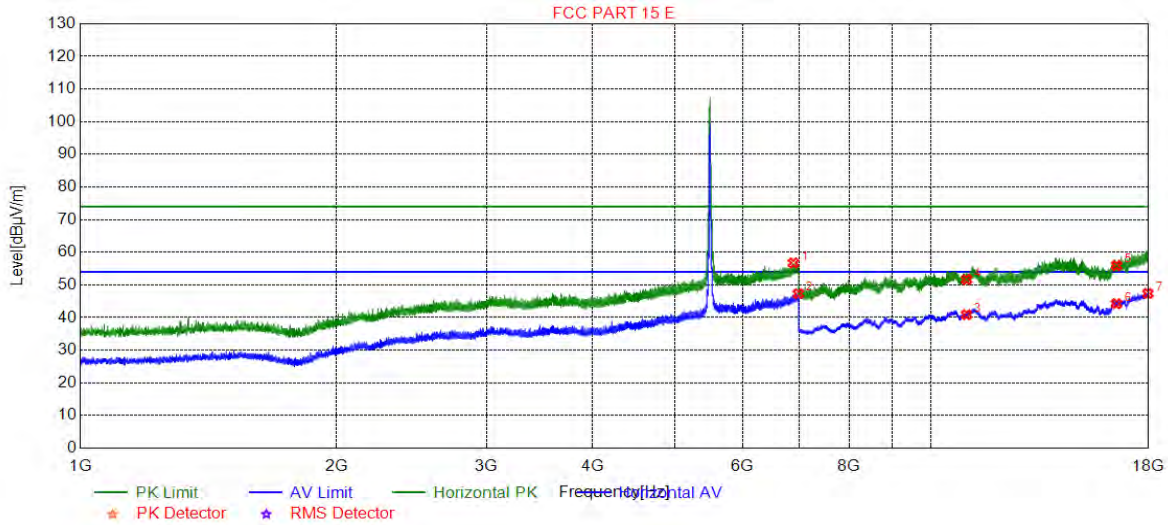


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**4.9.2.13 802.11A\_Channel 100**



Suspected List								
NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6885.99	56.73	20.83	74.00	17.27	150	0	Horizontal
2	6977.49	47.33	21.26	54.00	6.67	150	240	Horizontal
3	11000.0	40.89	-2.17	54.00	13.11	150	342	Horizontal
4	11000.0	51.66	-2.17	74.00	22.34	150	91	Horizontal
5	16500.0	55.94	0.34	74.00	18.06	150	242	Horizontal
6	16500.0	44.25	0.34	54.00	9.75	150	91	Horizontal
7	17966.4	47.41	1.71	54.00	6.59	150	192	Horizontal

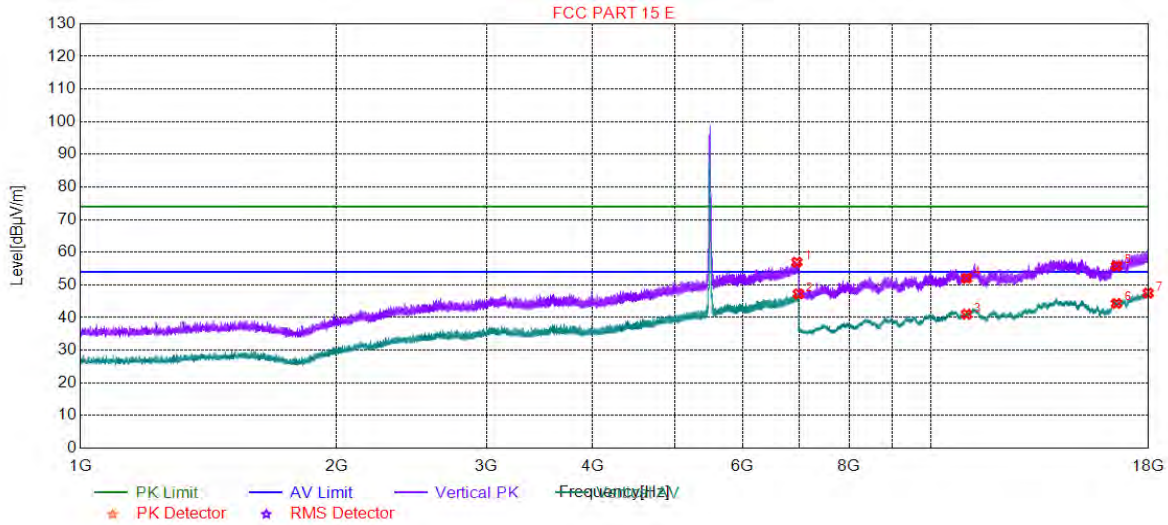


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**4.9.2.14 802.11A\_Channel 100**

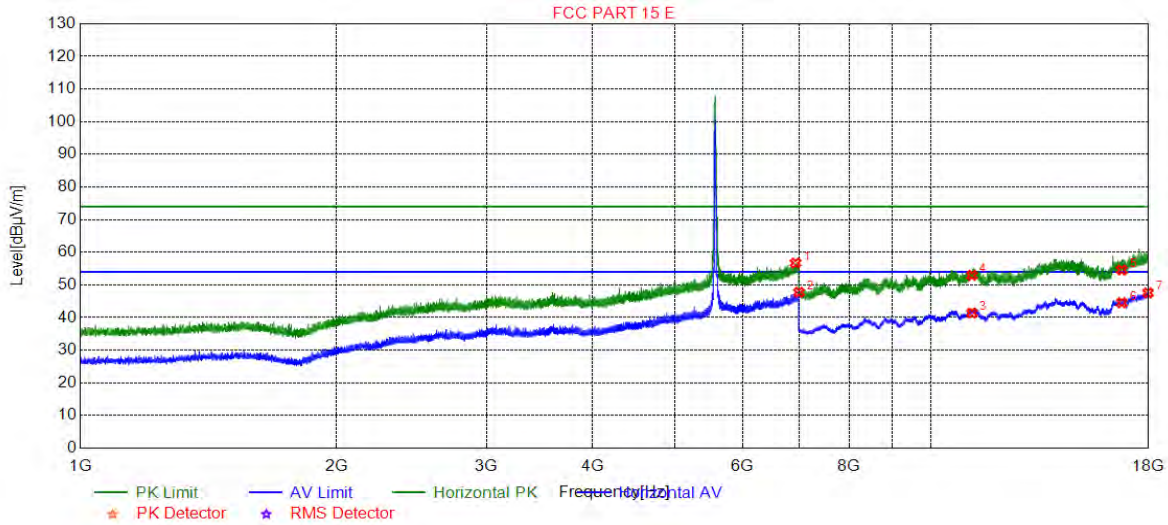


Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6948.09	56.98	21.24	74.00	17.02	150	218	Vertical
2	6978.69	47.26	21.26	54.00	6.74	150	18	Vertical
3	11000.0	41.01	-2.17	54.00	12.99	150	360	Vertical
4	11000.0	52.03	-2.17	74.00	21.97	150	360	Vertical
5	16500.0	55.83	0.34	74.00	18.17	150	68	Vertical
6	16500.0	44.32	0.34	54.00	9.68	150	219	Vertical
7	17973.0	47.50	1.71	54.00	6.50	150	68	Vertical



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**4.9.2.15 802.11A\_Channel 116**



Suspected List								
NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6925.59	56.71	21.04	74.00	17.29	150	90	Horizontal
2	6987.99	47.75	21.27	54.00	6.25	150	342	Horizontal
3	11160.0	41.39	-2.32	54.00	12.61	150	342	Horizontal
4	11160.0	52.94	-2.32	74.00	21.06	150	140	Horizontal
5	16740.0	54.58	0.71	74.00	19.42	150	90	Horizontal
6	16740.0	44.56	0.71	54.00	9.44	150	292	Horizontal
7	17970.2	47.57	1.71	54.00	6.43	150	342	Horizontal

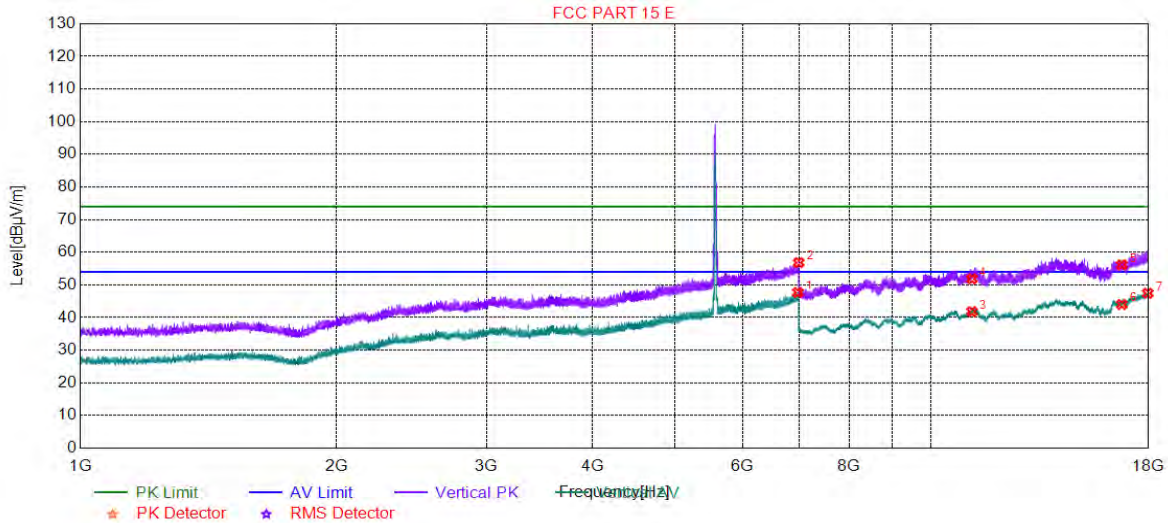


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**4.9.2.16 802.11A\_Channel 116**



Suspected List								
NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6968.79	47.67	21.26	54.00	6.33	150	321	Vertical
2	6983.79	56.84	21.27	74.00	17.16	150	220	Vertical
3	11160.0	41.84	-2.32	54.00	12.16	150	18	Vertical
4	11160.0	51.85	-2.32	74.00	22.15	150	118	Vertical
5	16740.0	56.16	0.71	74.00	17.84	150	269	Vertical
6	16740.0	44.02	0.71	54.00	9.98	150	18	Vertical
7	17957.6	47.47	1.71	54.00	6.53	150	219	Vertical

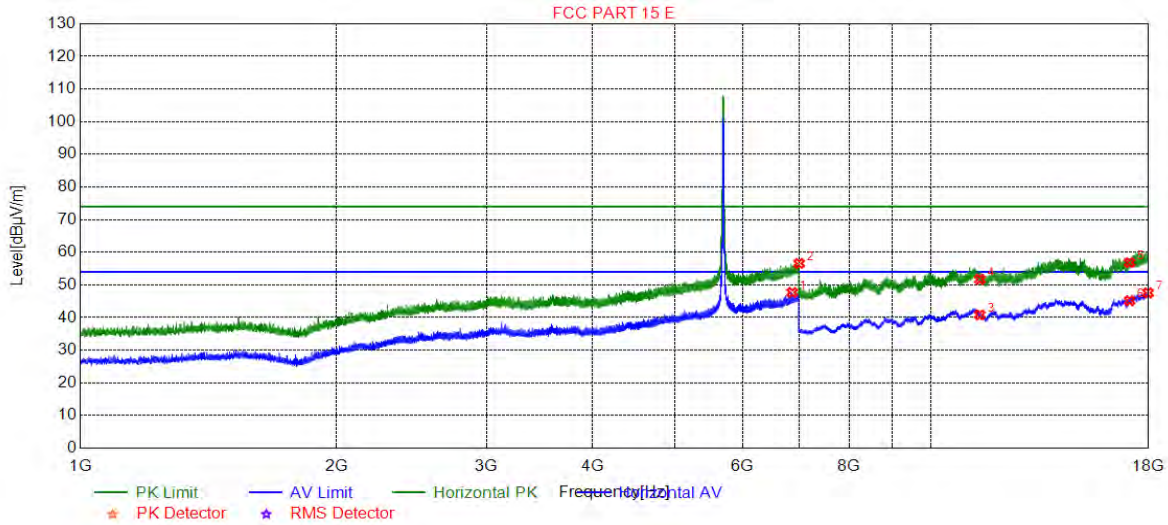


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**4.9.2.17 802.11A\_Channel 140**

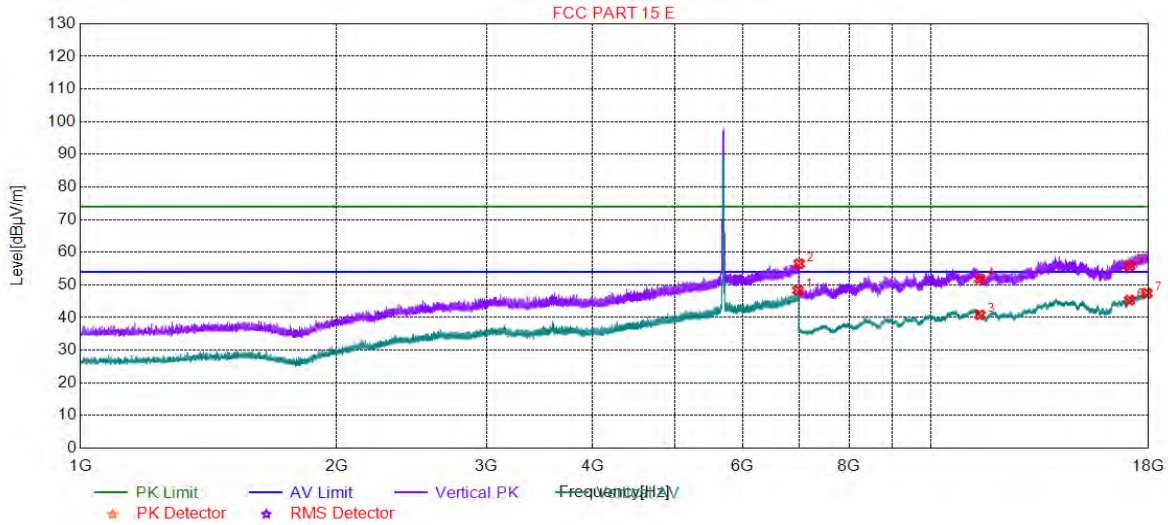


Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6863.19	47.70	20.87	54.00	6.30	150	0	Horizontal
2	6991.89	56.59	21.27	74.00	17.41	150	0	Horizontal
3	11400.0	40.85	-2.15	54.00	13.15	150	242	Horizontal
4	11400.0	51.73	-2.15	74.00	22.27	150	90	Horizontal
5	17100.0	56.85	0.04	74.00	17.15	150	242	Horizontal
6	17100.0	45.20	0.04	54.00	8.80	150	342	Horizontal
7	17975.2	47.58	1.71	54.00	6.42	150	292	Horizontal



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**4.9.2.18 802.11A\_Channel 140**



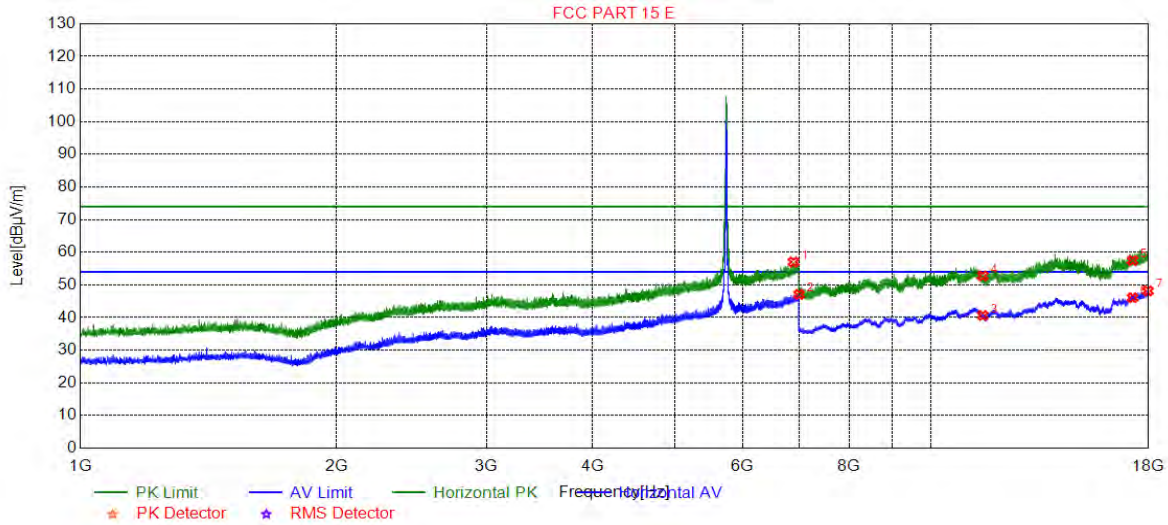
Suspected List								
NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6969.39	48.34	21.26	54.00	5.66	150	360	Vertical
2	6988.89	56.48	21.27	74.00	17.52	150	360	Vertical
3	11400.0	40.86	-2.15	54.00	13.14	150	68	Vertical
4	11400.0	51.88	-2.15	74.00	22.12	150	169	Vertical
5	17100.0	55.83	0.04	74.00	18.17	150	68	Vertical
6	17100.0	45.35	0.04	54.00	8.65	150	18	Vertical
7	17913.6	47.48	1.69	54.00	6.52	150	320	Vertical



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**4.9.2.19 802.11A\_Channel 149**



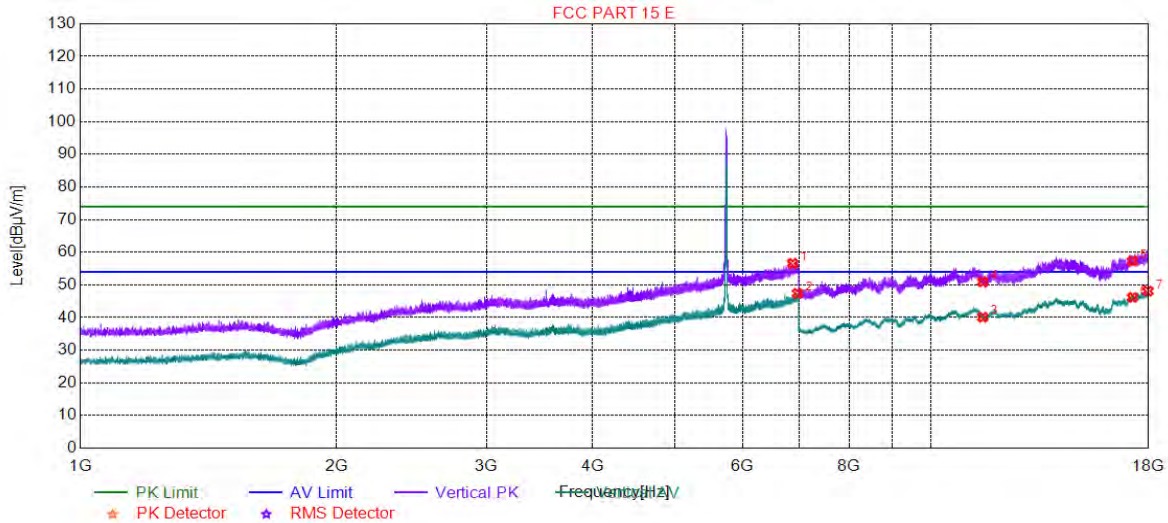
Suspected List								
NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6886.89	57.05	20.83	74.00	16.95	150	139	Horizontal
2	6992.19	47.08	21.27	54.00	6.92	150	190	Horizontal
3	11490.0	40.65	-2.03	54.00	13.35	150	190	Horizontal
4	11490.0	52.80	-2.03	74.00	21.20	150	41	Horizontal
5	17235.0	57.50	0.33	74.00	16.50	150	342	Horizontal
6	17235.0	46.08	0.33	54.00	7.92	150	141	Horizontal
7	17972.4	48.16	1.71	54.00	5.84	150	290	Horizontal



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**4.9.2.20 802.11A\_Channel 149**



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6869.79	56.60	20.86	74.00	17.40	150	69	Vertical
2	6963.39	47.39	21.26	54.00	6.61	150	320	Vertical
3	11490.0	40.14	-2.03	54.00	13.86	150	219	Vertical
4	11490.0	50.96	-2.03	74.00	23.04	150	68	Vertical
5	17235.0	57.30	0.33	74.00	16.70	150	219	Vertical
6	17235.0	46.18	0.33	54.00	7.82	150	68	Vertical
7	17966.9	48.10	1.71	54.00	5.90	150	18	Vertical

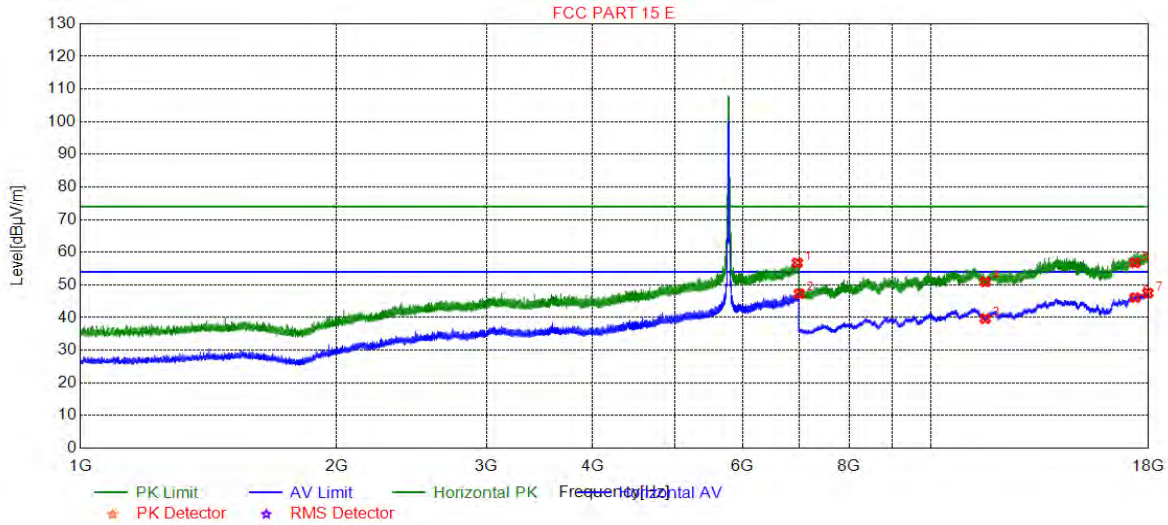


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**4.9.2.21 802.11A\_Channel 157**

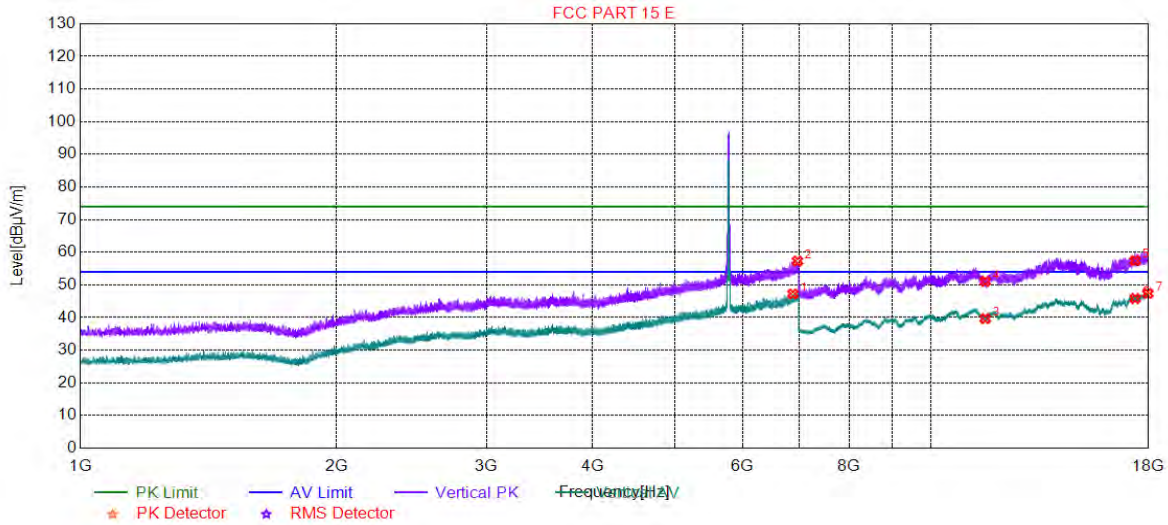


Suspected List								
NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6957.69	56.76	21.26	74.00	17.24	150	40	Horizontal
2	6995.49	47.32	21.27	54.00	6.68	150	191	Horizontal
3	11570.0	39.68	-2.39	54.00	14.32	150	191	Horizontal
4	11570.0	50.93	-2.39	74.00	23.07	150	0	Horizontal
5	17355.0	56.74	1.06	74.00	17.26	150	141	Horizontal
6	17355.0	46.15	1.06	54.00	7.85	150	41	Horizontal
7	17960.3	47.51	1.71	54.00	6.49	150	91	Horizontal



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**4.9.2.22 802.11A\_Channel 157**



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6873.99	47.24	20.85	54.00	6.76	150	321	Vertical
2	6960.69	57.30	21.26	74.00	16.70	150	119	Vertical
3	11570.0	39.68	-2.39	54.00	14.32	150	360	Vertical
4	11570.0	51.11	-2.39	74.00	22.89	150	219	Vertical
5	17355.0	57.43	1.06	74.00	16.57	150	318	Vertical
6	17355.0	45.83	1.06	54.00	8.17	150	118	Vertical
7	17965.3	47.40	1.71	54.00	6.60	150	168	Vertical

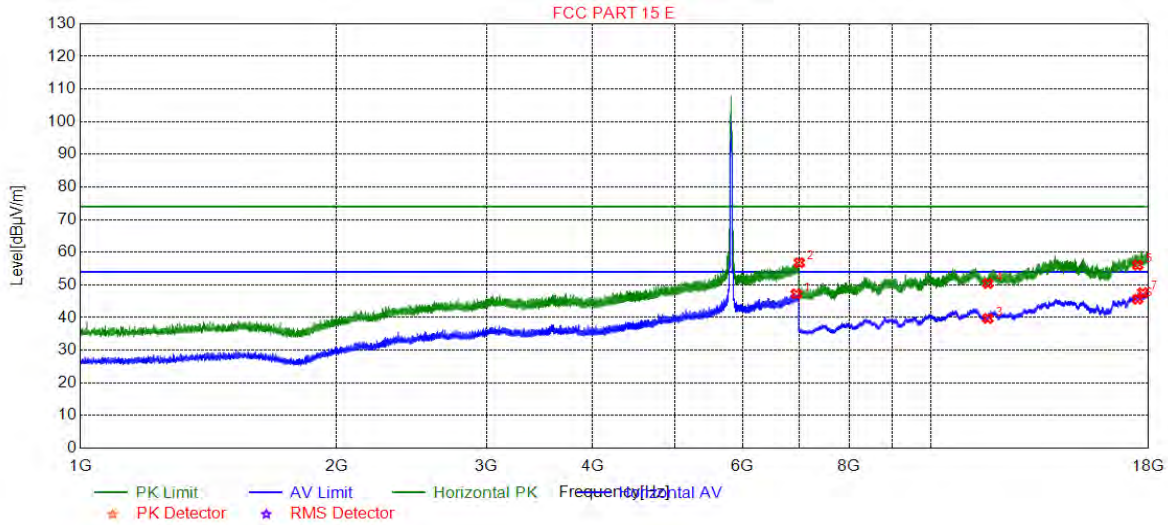


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**4.9.2.23 802.11A\_Channel 165**

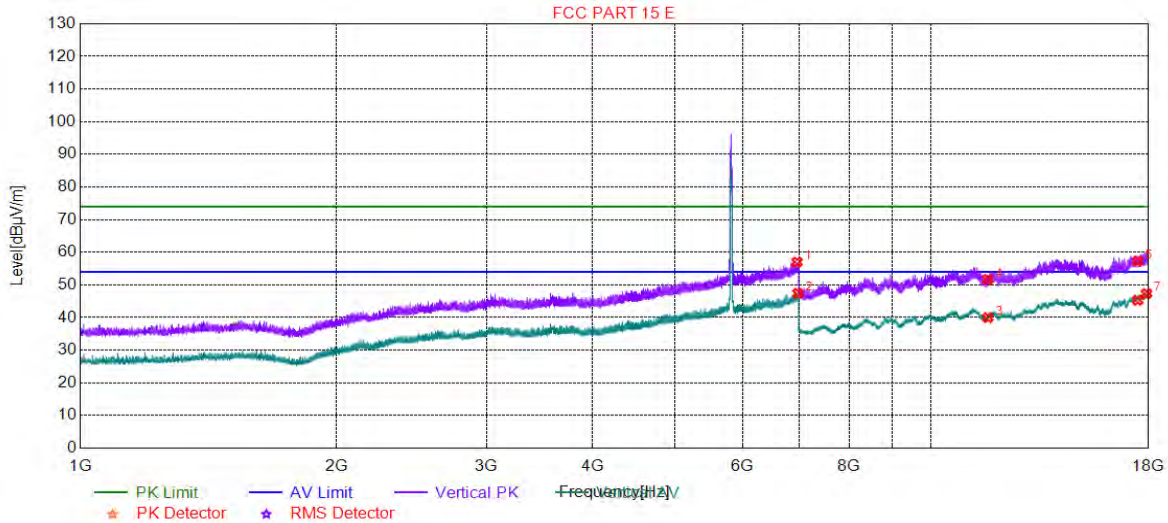


Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6940.59	47.25	21.17	54.00	6.75	150	291	Horizontal
2	6995.49	56.80	21.27	74.00	17.20	150	291	Horizontal
3	11650.0	39.75	-2.49	54.00	14.25	150	141	Horizontal
4	11650.0	50.45	-2.49	74.00	23.55	150	0	Horizontal
5	17475.0	56.05	1.76	74.00	17.95	150	191	Horizontal
6	17475.0	45.66	1.76	54.00	8.34	150	92	Horizontal
7	17721.1	47.63	1.94	54.00	6.37	150	242	Horizontal



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**4.9.2.24 802.11A\_Channel 165**



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6952.29	57.01	21.26	74.00	16.99	150	360	Vertical
2	6970.59	47.45	21.26	54.00	6.55	150	218	Vertical
3	11650.0	40.00	-2.49	54.00	14.00	150	268	Vertical
4	11650.0	51.70	-2.49	74.00	22.30	150	18	Vertical
5	17475.0	57.32	1.76	74.00	16.68	150	218	Vertical
6	17475.0	45.31	1.76	54.00	8.69	150	168	Vertical
7	17893.8	47.35	1.61	54.00	6.65	150	319	Vertical

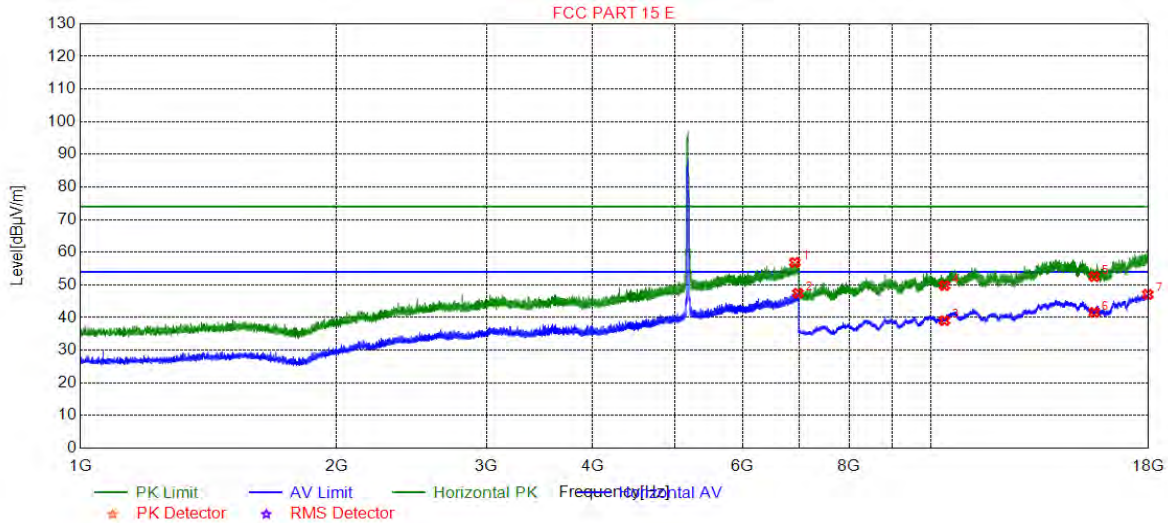


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**4.9.2.25 802.11N20\_Channel 36**



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.29	56.91	20.90	74.00	17.09	150	291	Horizontal
2	6970.89	47.45	21.26	54.00	6.55	150	39	Horizontal
3	10360.0	39.07	-3.63	54.00	14.93	150	0	Horizontal
4	10360.0	49.79	-3.63	74.00	24.21	150	240	Horizontal
5	15540.0	52.54	0.46	74.00	21.46	150	138	Horizontal
6	15540.0	41.61	0.46	54.00	12.39	150	342	Horizontal
7	17955.9	47.08	1.71	54.00	6.92	150	188	Horizontal

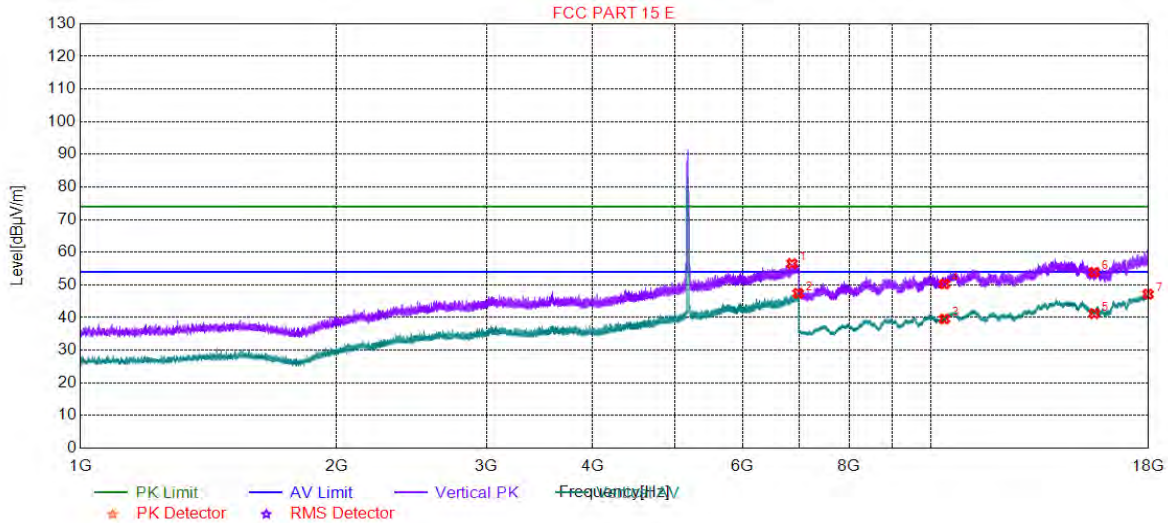


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**4.9.2.26 802.11N20\_Channel 36**



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6859.59	56.53	20.87	74.00	17.47	150	69	Vertical
2	6974.19	47.43	21.26	54.00	6.57	150	320	Vertical
3	10360.0	39.57	-3.63	54.00	14.43	150	171	Vertical
4	10360.0	50.26	-3.63	74.00	23.74	150	360	Vertical
5	15540.0	41.21	0.46	54.00	12.79	150	271	Vertical
6	15540.0	53.88	0.46	74.00	20.12	150	68	Vertical
7	17972.4	47.17	1.71	54.00	6.83	150	18	Vertical

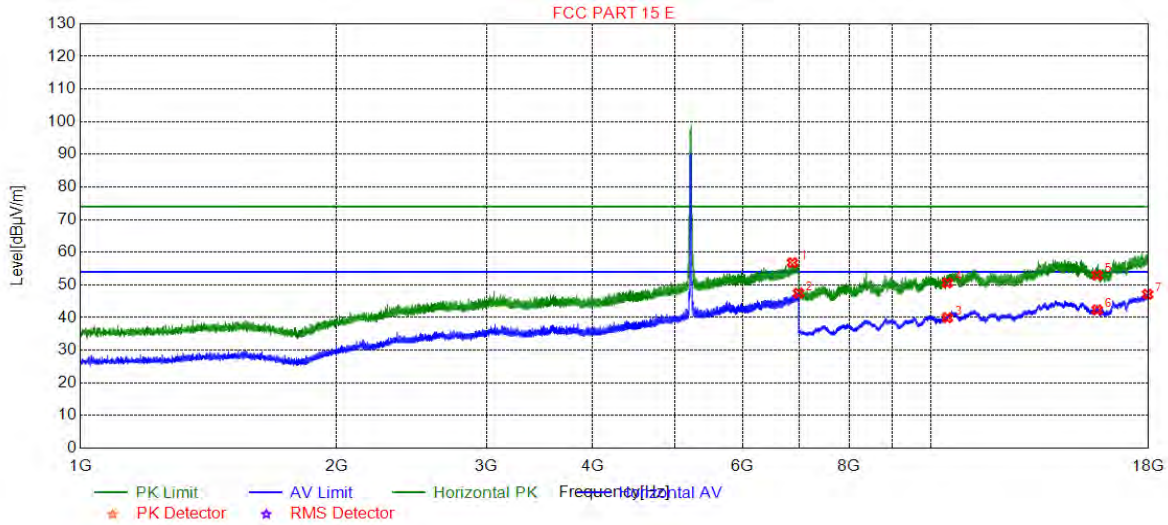


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**4.9.2.27 802.11N20\_Channel 44**



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6867.09	56.81	20.86	74.00	17.19	150	141	Horizontal
2	6979.89	47.50	21.26	54.00	6.50	150	40	Horizontal
3	10440.0	39.95	-3.24	54.00	14.05	150	239	Horizontal
4	10440.0	50.63	-3.24	74.00	23.37	150	239	Horizontal
5	15660.0	52.96	0.43	74.00	21.04	150	87	Horizontal
6	15660.0	42.37	0.43	54.00	11.63	150	87	Horizontal
7	17949.9	47.15	1.70	54.00	6.85	150	239	Horizontal



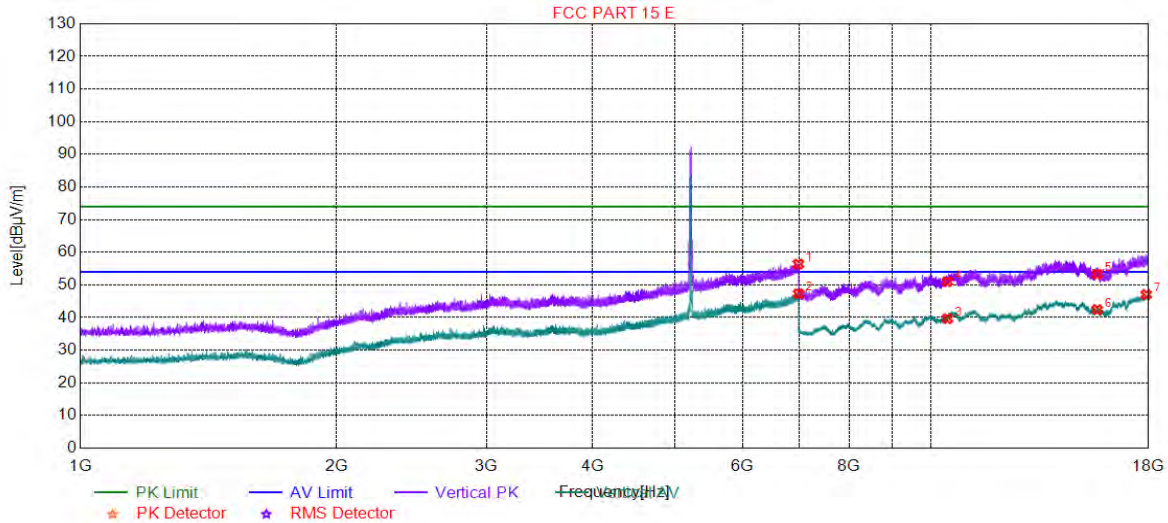
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**4.9.2.28 802.11N20\_Channel 44**



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6977.79	56.40	21.26	74.00	17.60	150	360	Vertical
2	6981.99	47.30	21.26	54.00	6.70	150	119	Vertical
3	10440.0	39.68	-3.24	54.00	14.32	150	18	Vertical
4	10440.0	51.01	-3.24	74.00	22.99	150	18	Vertical
5	15660.0	53.29	0.43	74.00	20.71	150	117	Vertical
6	15660.0	42.43	0.43	54.00	11.57	150	167	Vertical
7	17882.2	47.05	1.46	54.00	6.95	150	316	Vertical

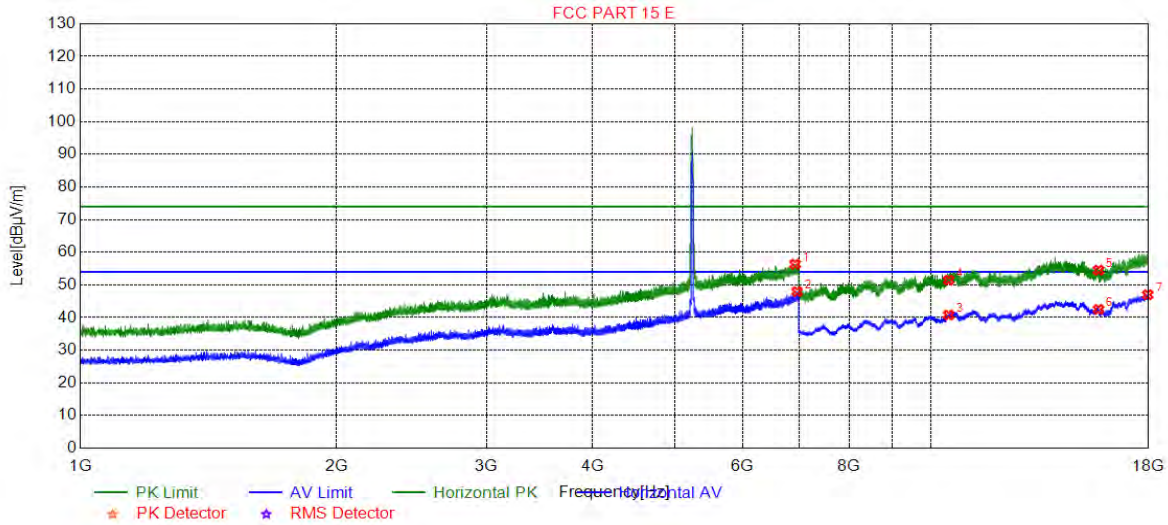


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**4.9.2.29 802.11N20\_Channel 48**



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6915.99	56.38	20.95	74.00	17.62	150	291	Horizontal
2	6953.49	47.99	21.26	54.00	6.01	150	0	Horizontal
3	10480.0	40.80	-2.94	54.00	13.20	150	91	Horizontal
4	10480.0	51.47	-2.94	74.00	22.53	150	91	Horizontal
5	15720.0	54.56	0.29	74.00	19.44	150	91	Horizontal
6	15720.0	42.52	0.29	54.00	11.48	150	40	Horizontal
7	17955.9	47.00	1.71	54.00	7.00	150	0	Horizontal

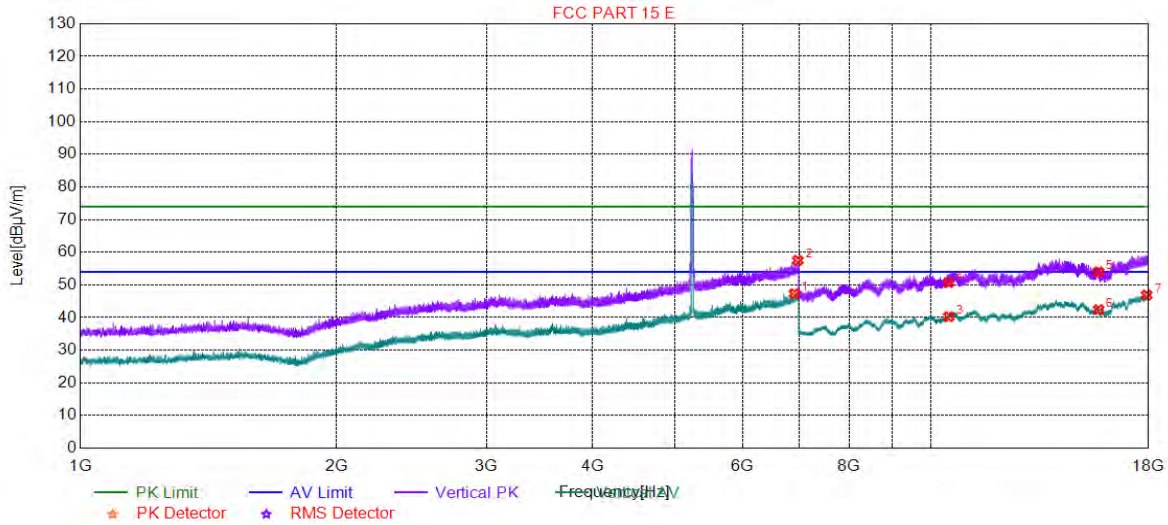


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**4.9.2.30 802.11N20\_Channel 48**

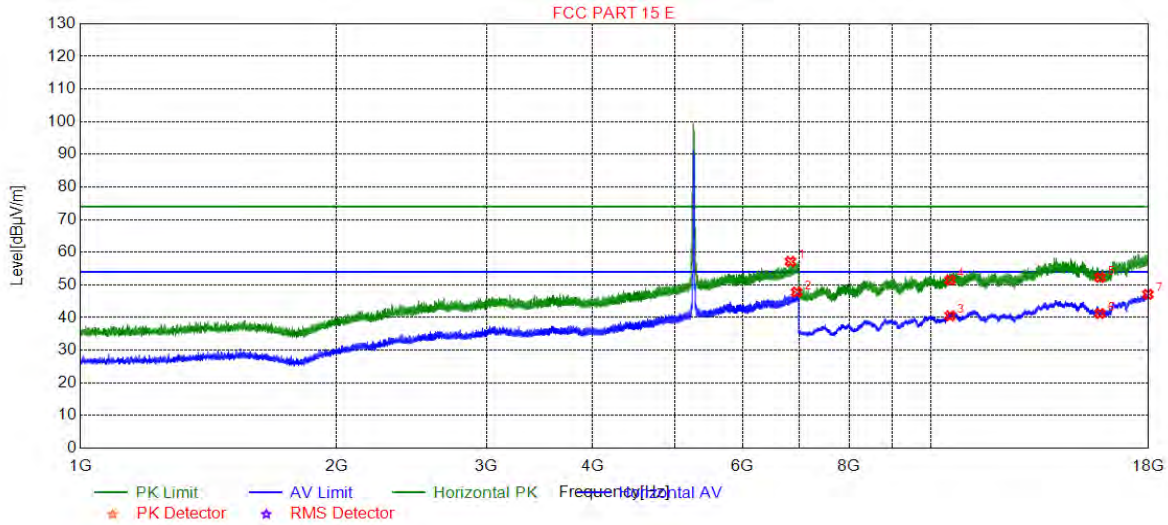


Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6903.99	47.33	20.85	54.00	6.67	150	69	Vertical
2	6966.39	57.54	21.26	74.00	16.46	150	220	Vertical
3	10480.0	40.27	-2.94	54.00	13.73	150	18	Vertical
4	10480.0	50.72	-2.94	74.00	23.28	150	360	Vertical
5	15720.0	54.01	0.29	74.00	19.99	150	360	Vertical
6	15720.0	42.44	0.29	54.00	11.56	150	68	Vertical
7	17908.1	46.92	1.69	54.00	7.08	150	269	Vertical



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**4.9.2.31 802.11N20\_Channel 52**



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6829.59	57.17	20.69	74.00	16.83	150	139	Horizontal
2	6944.49	47.79	21.21	54.00	6.21	150	190	Horizontal
3	10520.0	40.54	-2.80	54.00	13.46	150	287	Horizontal
4	10520.0	51.47	-2.80	74.00	22.53	150	287	Horizontal
5	15780.0	52.29	-0.72	74.00	21.71	150	35	Horizontal
6	15780.0	41.24	-0.72	54.00	12.76	150	135	Horizontal
7	17963.1	47.11	1.71	54.00	6.89	150	35	Horizontal

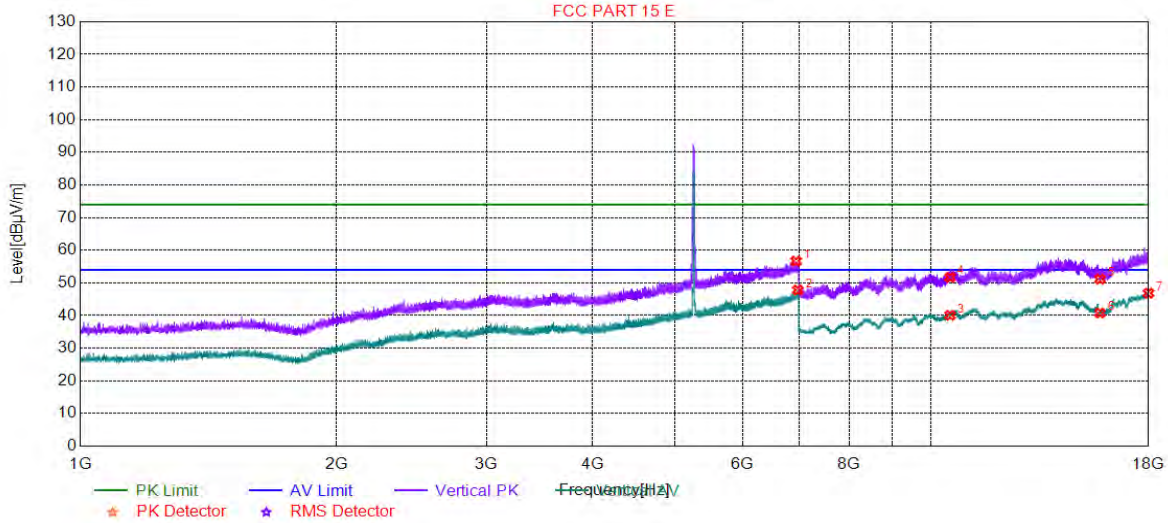


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**4.9.2.32 802.11N20\_Channel 52**



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6936.39	56.66	21.13	74.00	17.34	150	360	Vertical
2	6966.99	47.81	21.26	54.00	6.19	150	120	Vertical
3	10520.0	40.09	-2.80	54.00	13.91	150	273	Vertical
4	10520.0	51.73	-2.80	74.00	22.27	150	273	Vertical
5	15780.0	51.17	-0.72	74.00	22.83	150	222	Vertical
6	15780.0	40.79	-0.72	54.00	13.21	150	70	Vertical
7	17994.4	46.86	1.72	54.00	7.14	150	120	Vertical

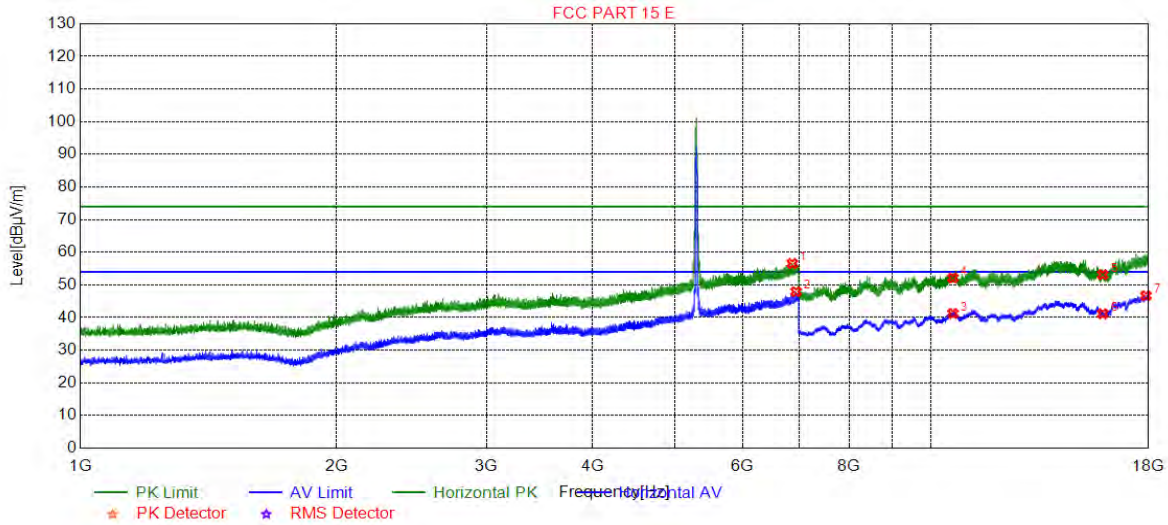


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**4.9.2.33 802.11N20\_Channel 60**



Suspected List								
NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6864.09	56.56	20.86	74.00	17.44	150	40	Horizontal
2	6933.69	47.95	21.11	54.00	6.05	150	242	Horizontal
3	10600.0	41.25	-2.86	54.00	12.75	150	240	Horizontal
4	10600.0	52.14	-2.86	74.00	21.86	150	240	Horizontal
5	15900.0	53.15	-0.51	74.00	20.85	150	291	Horizontal
6	15900.0	41.17	-0.51	54.00	12.83	150	240	Horizontal
7	17872.9	46.71	1.33	54.00	7.29	150	342	Horizontal

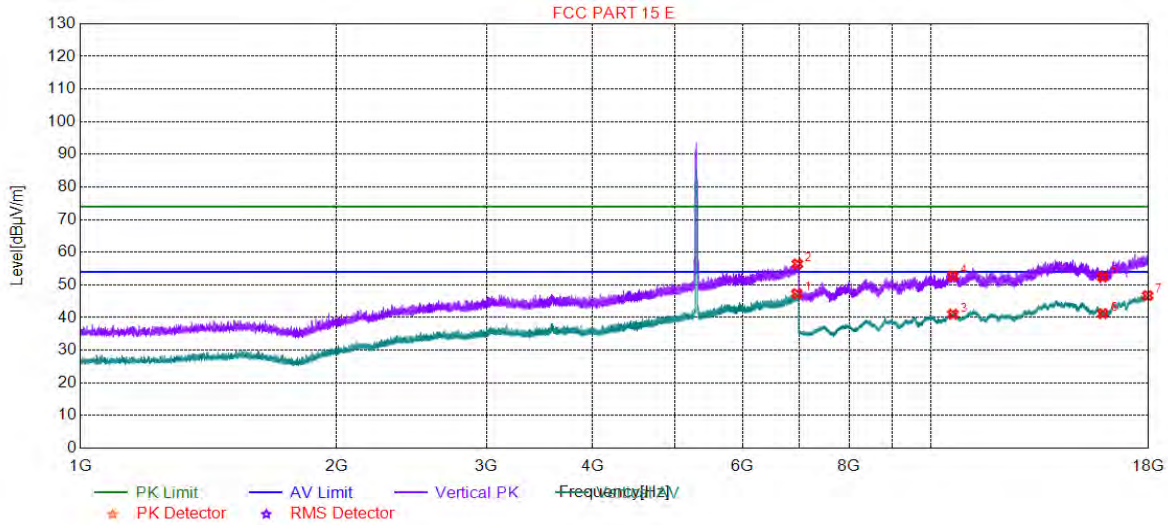


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**4.9.2.34 802.11N20\_Channel 60**



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6951.09	47.34	21.26	54.00	6.66	150	321	Vertical
2	6958.59	56.43	21.26	74.00	17.57	150	270	Vertical
3	10600.0	41.01	-2.86	54.00	12.99	150	360	Vertical
4	10600.0	52.73	-2.86	74.00	21.27	150	68	Vertical
5	15900.0	52.42	-0.51	74.00	21.58	150	219	Vertical
6	15900.0	41.19	-0.51	54.00	12.81	150	319	Vertical
7	17951.5	46.73	1.71	54.00	7.27	150	319	Vertical

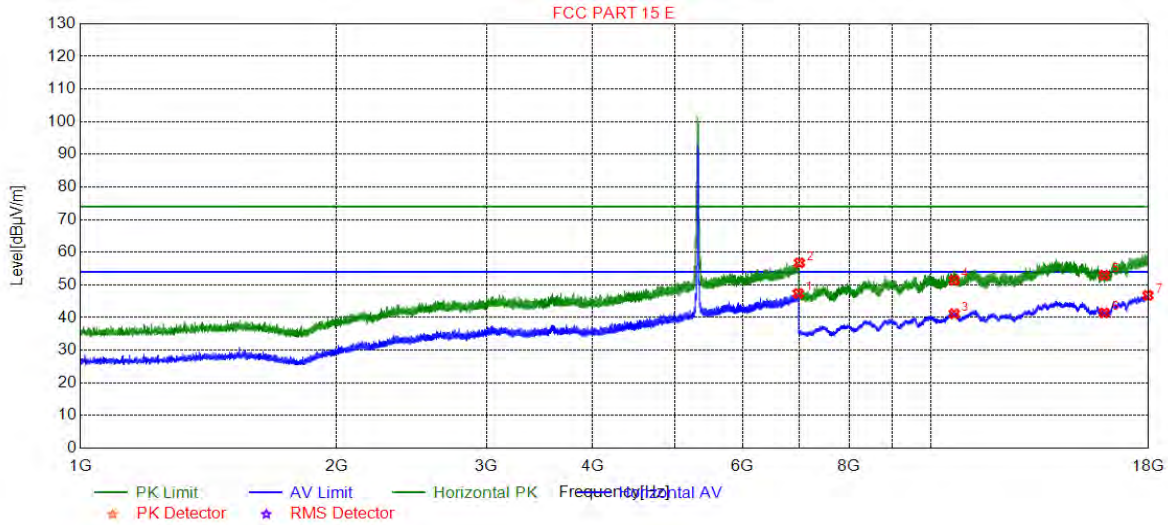


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**4.9.2.35 802.11N20\_Channel 64**



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6974.49	47.40	21.26	54.00	6.60	150	39	Horizontal
2	6997.59	56.76	21.27	74.00	17.24	150	291	Horizontal
3	10640.0	41.16	-2.84	54.00	12.84	150	141	Horizontal
4	10640.0	51.44	-2.84	74.00	22.56	150	191	Horizontal
5	15960.0	52.97	-0.61	74.00	21.03	150	292	Horizontal
6	15960.0	41.44	-0.61	54.00	12.56	150	41	Horizontal
7	17964.7	46.82	1.71	54.00	7.18	150	41	Horizontal

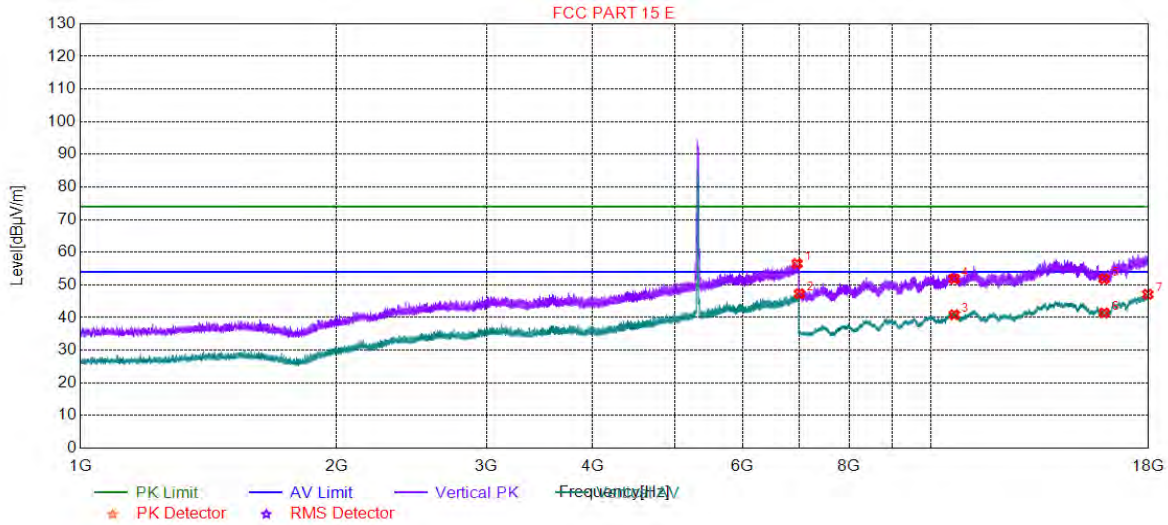


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**4.9.2.36 802.11N20\_Channel 64**



Suspected List								
NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6951.99	56.53	21.26	74.00	17.47	150	321	Vertical
2	6998.19	47.31	21.27	54.00	6.69	150	271	Vertical
3	10640.0	40.87	-2.84	54.00	13.13	150	360	Vertical
4	10640.0	51.86	-2.84	74.00	22.14	150	68	Vertical
5	15960.0	51.85	-0.61	74.00	22.15	150	68	Vertical
6	15960.0	41.44	-0.61	54.00	12.56	150	317	Vertical
7	17958.1	47.13	1.71	54.00	6.87	150	118	Vertical

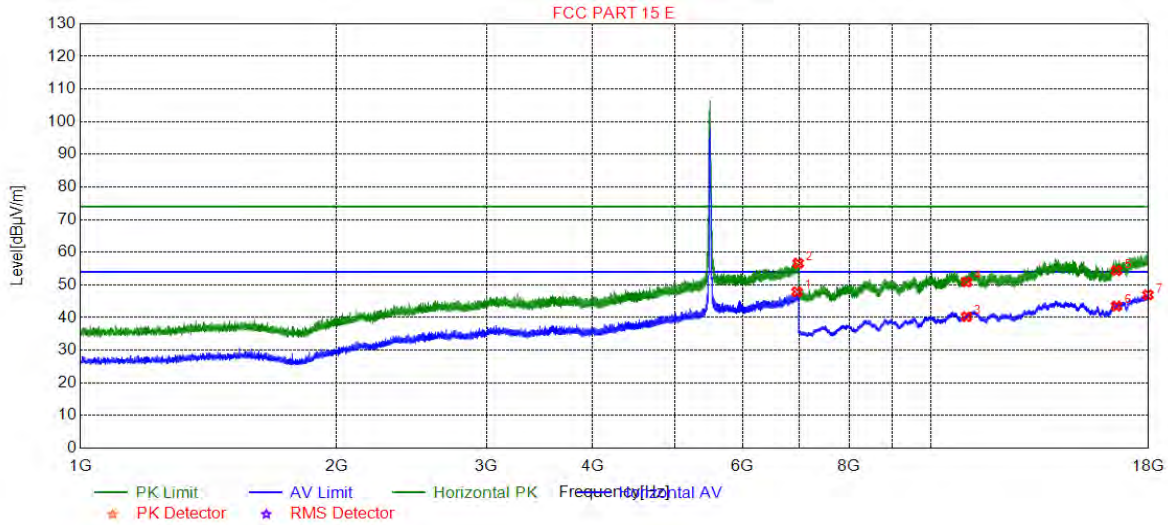


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**4.9.2.37 802.11N20\_Channel 100**



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6951.99	47.87	21.26	54.00	6.13	150	140	Horizontal
2	6973.89	56.61	21.26	74.00	17.39	150	0	Horizontal
3	11000.0	40.26	-2.17	54.00	13.74	150	92	Horizontal
4	11000.0	50.87	-2.17	74.00	23.13	150	92	Horizontal
5	16500.0	54.38	0.34	74.00	19.62	150	342	Horizontal
6	16500.0	43.51	0.34	54.00	10.49	150	92	Horizontal
7	17965.8	46.96	1.71	54.00	7.04	150	342	Horizontal

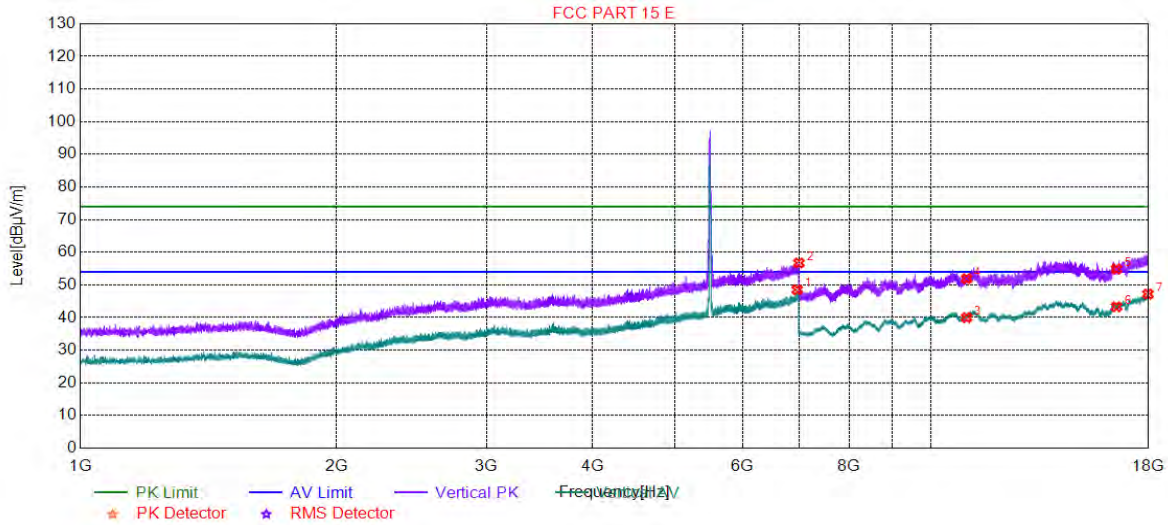


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**4.9.2.38 802.11N20\_Channel 100**



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6955.89	48.52	21.26	54.00	5.48	150	69	Vertical
2	6988.29	56.72	21.27	74.00	17.28	150	119	Vertical
3	11000.0	39.99	-2.17	54.00	14.01	150	218	Vertical
4	11000.0	51.93	-2.17	74.00	22.07	150	168	Vertical
5	16500.0	54.86	0.34	74.00	19.14	150	168	Vertical
6	16500.0	43.33	0.34	54.00	10.67	150	360	Vertical
7	17965.3	47.20	1.71	54.00	6.80	150	318	Vertical

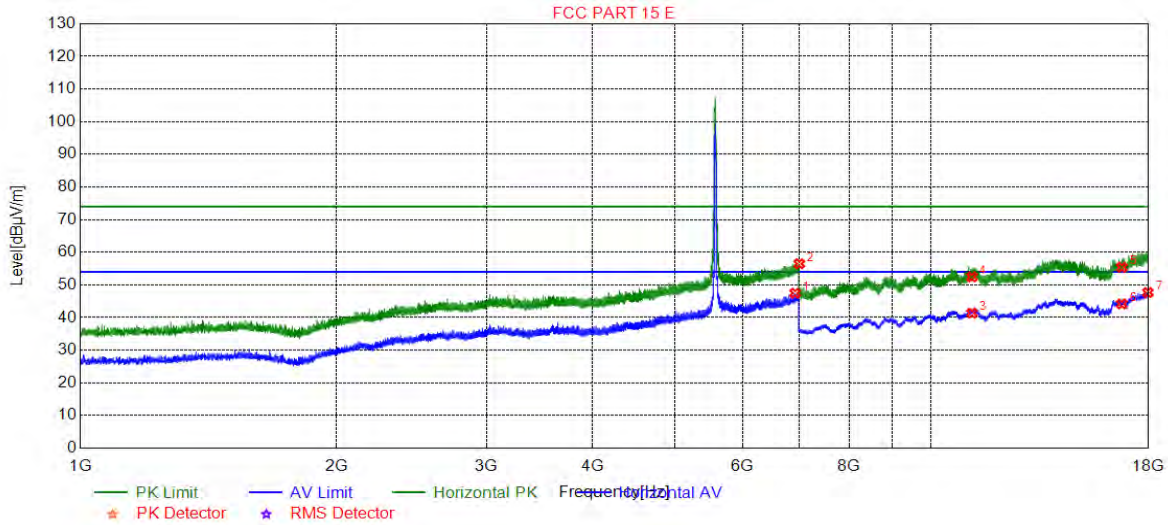


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4.9.2.39 802.11N20\_Channel 116



Suspected List								
NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6916.89	47.50	20.96	54.00	6.50	150	0	Horizontal
2	6994.89	56.48	21.27	74.00	17.52	150	342	Horizontal
3	11160.0	41.34	-2.32	54.00	12.66	150	142	Horizontal
4	11160.0	52.46	-2.32	74.00	21.54	150	342	Horizontal
5	16740.0	55.39	0.71	74.00	18.61	150	42	Horizontal
6	16740.0	44.19	0.71	54.00	9.81	150	92	Horizontal
7	17962.5	47.67	1.71	54.00	6.33	150	42	Horizontal

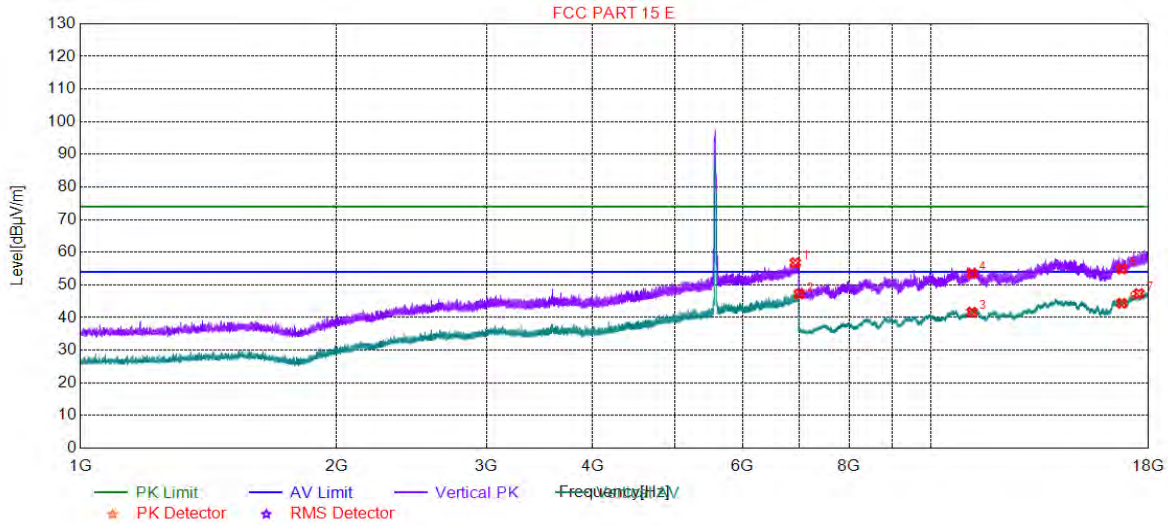


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**4.9.2.40 802.11N20\_Channel 116**



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6919.29	56.78	20.98	74.00	17.22	150	68	Vertical
2	6993.99	47.23	21.27	54.00	6.77	150	220	Vertical
3	11160.0	41.64	-2.32	54.00	12.36	150	18	Vertical
4	11160.0	53.55	-2.32	74.00	20.45	150	217	Vertical
5	16740.0	54.91	0.71	74.00	19.09	150	217	Vertical
6	16740.0	44.39	0.71	54.00	9.61	150	360	Vertical
7	17530.8	47.37	2.04	54.00	6.63	150	267	Vertical

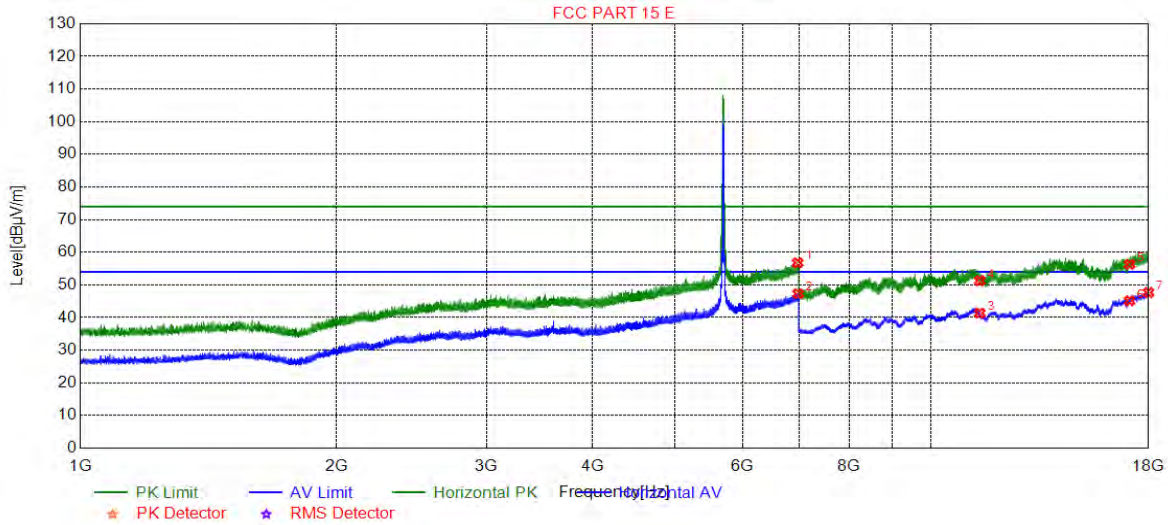


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**4.9.2.41 802.11N20\_Channel 140**

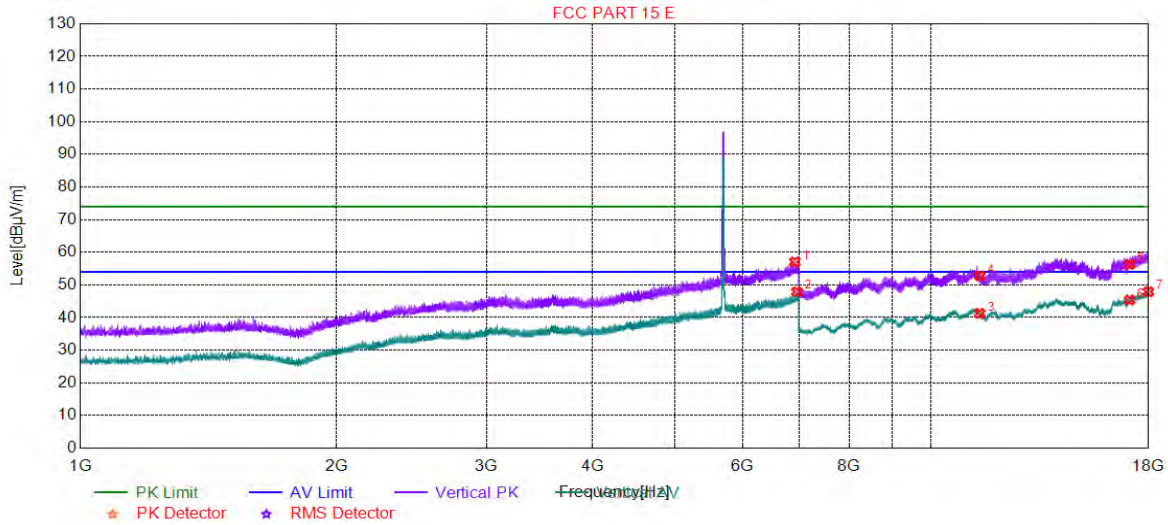


Suspected List								
NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6965.19	56.78	21.26	74.00	17.22	150	242	Horizontal
2	6973.29	47.34	21.26	54.00	6.66	150	40	Horizontal
3	11400.0	41.38	-2.15	54.00	12.62	150	44	Horizontal
4	11400.0	51.30	-2.15	74.00	22.70	150	192	Horizontal
5	17100.0	56.32	0.04	74.00	17.68	150	1	Horizontal
6	17100.0	45.17	0.04	54.00	8.83	150	342	Horizontal
7	17999.4	47.68	1.72	54.00	6.32	150	342	Horizontal



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**4.9.2.42 802.11N20\_Channel 140**



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6909.69	57.07	20.90	74.00	16.93	150	320	Vertical
2	6950.49	47.92	21.26	54.00	6.08	150	218	Vertical
3	11400.0	41.30	-2.15	54.00	12.70	150	68	Vertical
4	11400.0	52.79	-2.15	74.00	21.21	150	68	Vertical
5	17100.0	56.30	0.04	74.00	17.70	150	168	Vertical
6	17100.0	45.38	0.04	54.00	8.62	150	168	Vertical
7	17988.4	47.92	1.72	54.00	6.08	150	118	Vertical

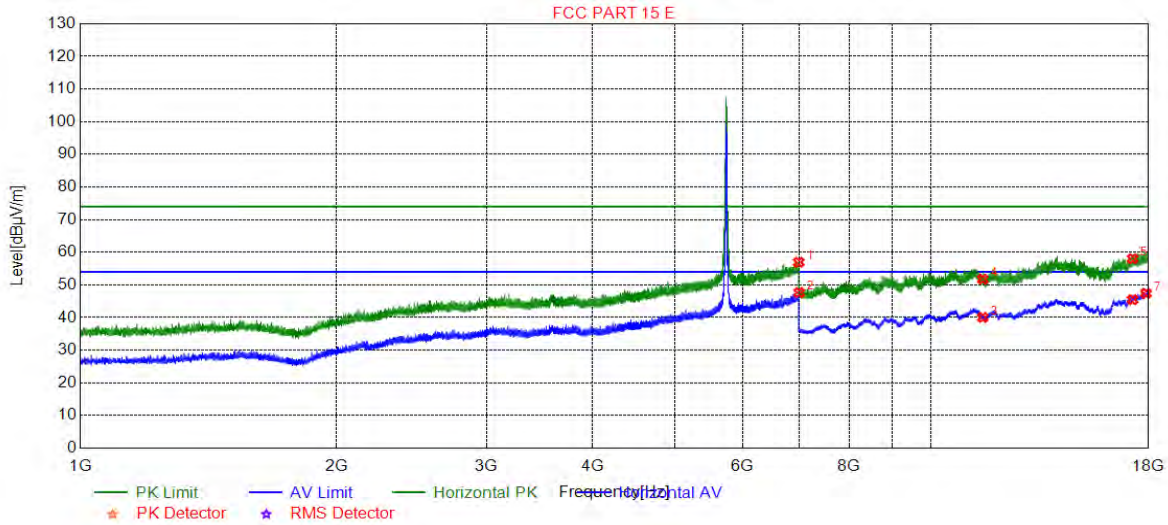


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**4.9.2.43 802.11N20\_Channel 149**



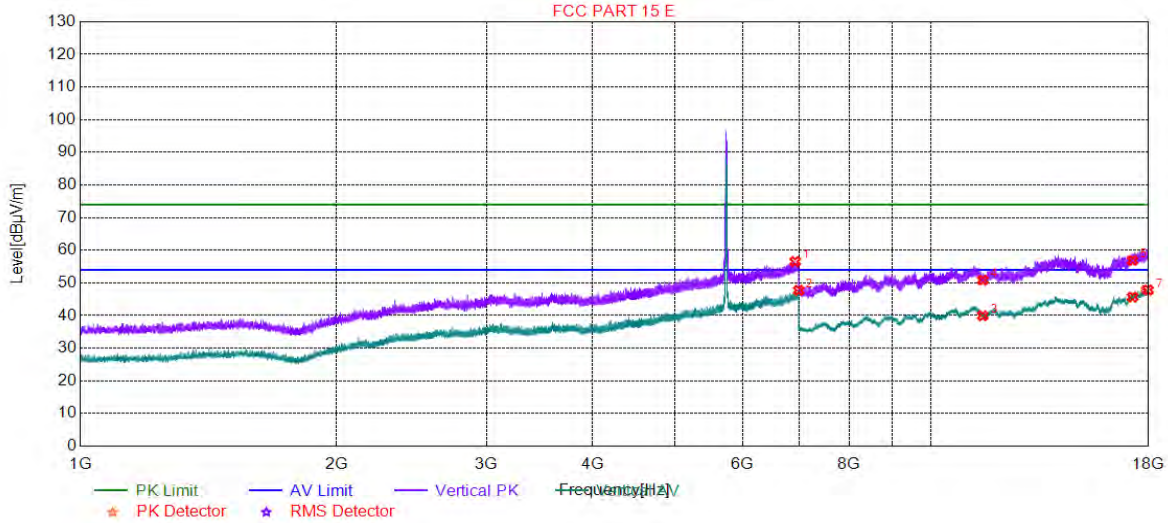
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6984.99	56.96	21.27	74.00	17.04	150	190	Horizontal
2	6991.89	47.64	21.27	54.00	6.36	150	190	Horizontal
3	11490.0	40.05	-2.03	54.00	13.95	150	342	Horizontal
4	11490.0	51.77	-2.03	74.00	22.23	150	42	Horizontal
5	17235.0	58.03	0.33	74.00	15.97	150	243	Horizontal
6	17235.0	45.47	0.33	54.00	8.53	150	342	Horizontal
7	17876.7	47.44	1.38	54.00	6.56	150	142	Horizontal



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**4.9.2.44 802.11N20\_Channel 149**

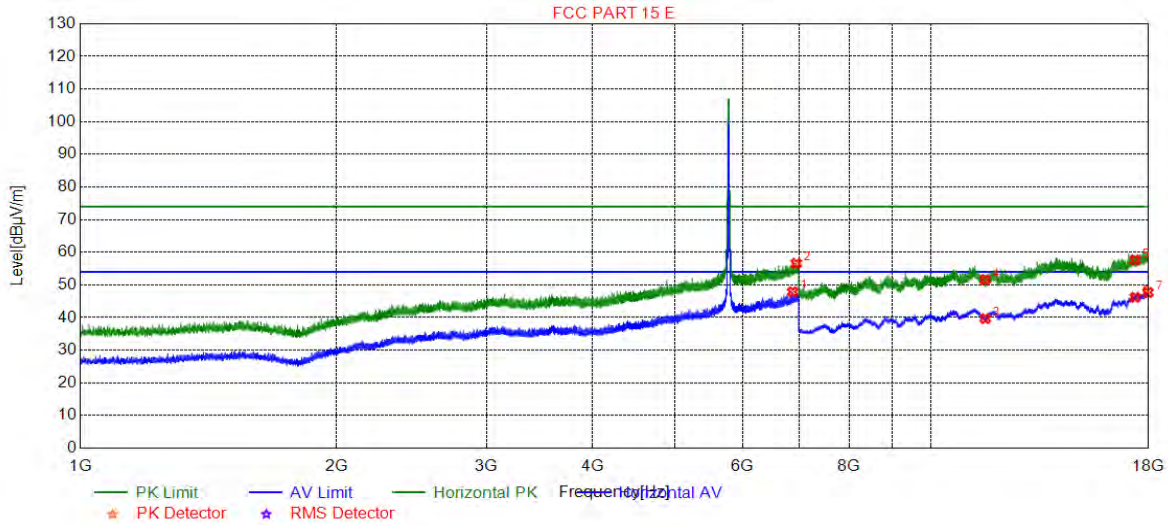


Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6917.49	56.56	20.97	74.00	17.44	150	360	Vertical
2	6982.89	47.73	21.26	54.00	6.27	150	69	Vertical
3	11490.0	39.97	-2.03	54.00	14.03	150	18	Vertical
4	11490.0	50.86	-2.03	74.00	23.14	150	121	Vertical
5	17235.0	56.87	0.33	74.00	17.13	150	360	Vertical
6	17235.0	45.68	0.33	54.00	8.32	150	360	Vertical
7	17973.0	47.84	1.71	54.00	6.16	150	171	Vertical



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**4.9.2.45 802.11N20\_Channel 157**

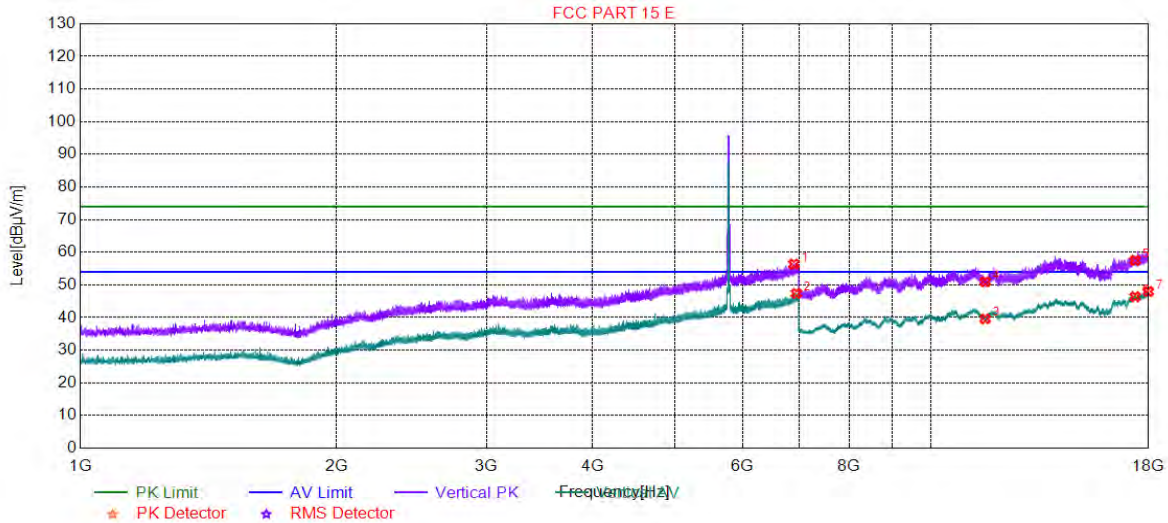


Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6870.39	47.90	20.85	54.00	6.10	150	39	Horizontal
2	6939.39	56.59	21.16	74.00	17.41	150	191	Horizontal
3	11570.0	39.70	-2.39	54.00	14.30	150	292	Horizontal
4	11570.0	51.61	-2.39	74.00	22.39	150	292	Horizontal
5	17355.0	57.64	1.06	74.00	16.36	150	342	Horizontal
6	17355.0	46.21	1.06	54.00	7.79	150	1	Horizontal
7	17970.8	47.72	1.71	54.00	6.28	150	45	Horizontal



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**4.9.2.46 802.11N20\_Channel 157**

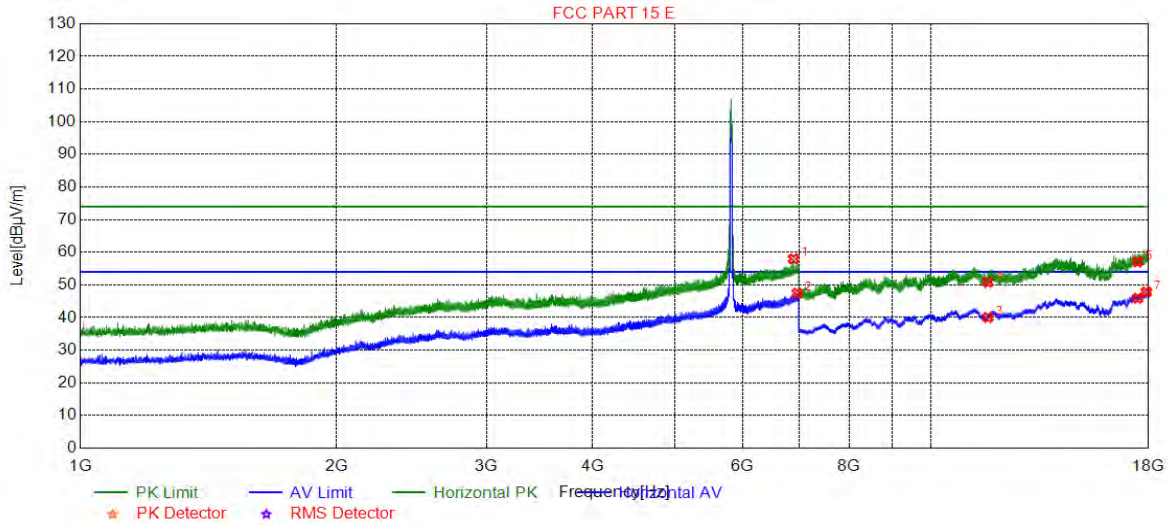


Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6893.79	56.39	20.82	74.00	17.61	150	170	Vertical
2	6940.29	47.42	21.17	54.00	6.58	150	360	Vertical
3	11570.0	39.60	-2.39	54.00	14.40	150	18	Vertical
4	11570.0	50.96	-2.39	74.00	23.04	150	18	Vertical
5	17355.0	57.52	1.06	74.00	16.48	150	168	Vertical
6	17355.0	46.38	1.06	54.00	7.62	150	118	Vertical
7	17984.5	47.98	1.72	54.00	6.02	150	218	Vertical



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**4.9.2.47 802.11N20\_Channel 165**

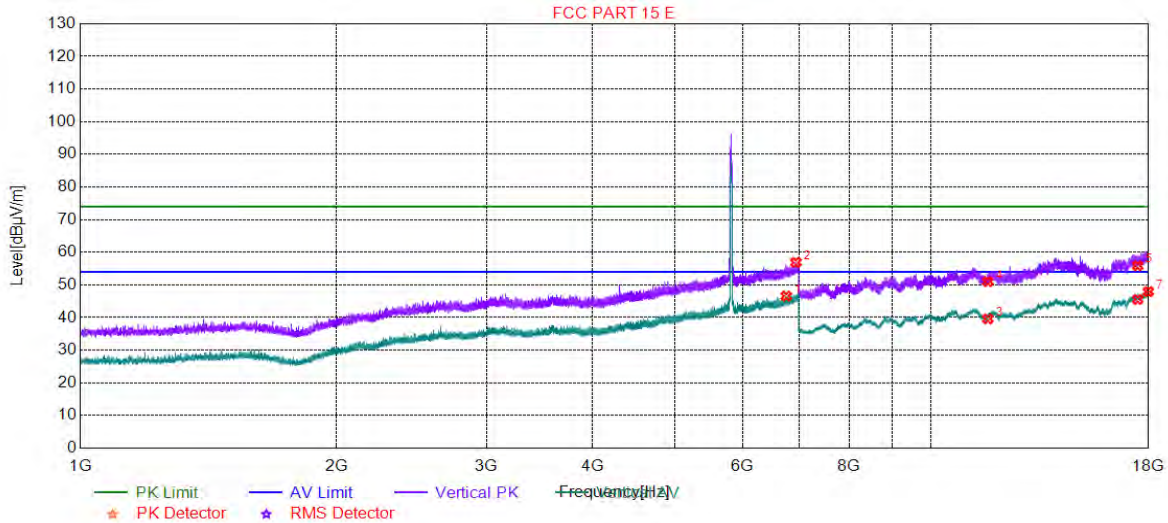


Suspected List								
NO.	Freq. [MHz]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6888.39	57.98	20.83	74.00	16.02	150	342	Horizontal
2	6957.99	47.49	21.26	54.00	6.51	150	191	Horizontal
3	11650.0	40.05	-2.49	54.00	13.95	150	193	Horizontal
4	11650.0	50.83	-2.49	74.00	23.17	150	243	Horizontal
5	17475.0	57.07	1.76	74.00	16.93	150	292	Horizontal
6	17475.0	45.92	1.76	54.00	8.08	150	144	Horizontal
7	17880.6	47.79	1.43	54.00	6.21	150	144	Horizontal



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**4.9.2.48 802.11N20\_Channel 165**



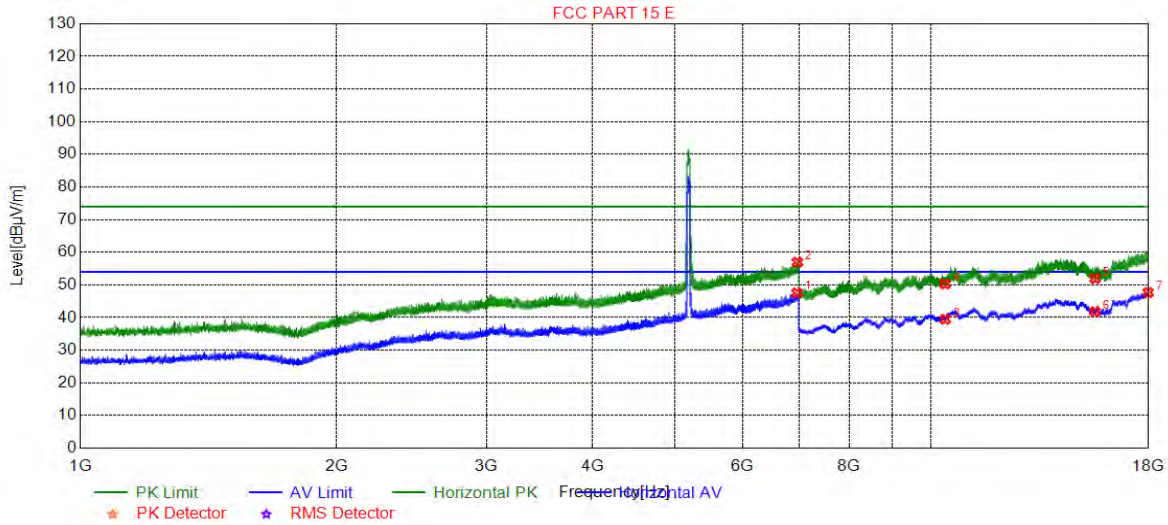
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6752.78	46.58	20.63	54.00	7.42	150	18	Vertical
2	6931.59	56.93	21.09	74.00	17.07	150	320	Vertical
3	11650.0	39.61	-2.49	54.00	14.39	150	68	Vertical
4	11650.0	51.04	-2.49	74.00	22.96	150	118	Vertical
5	17475.0	55.89	1.76	74.00	18.11	150	118	Vertical
6	17475.0	45.55	1.76	54.00	8.45	150	360	Vertical
7	17984.5	47.98	1.72	54.00	6.02	150	218	Vertical



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**4.9.2.49 802.11N40\_Channel 38**



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6951.39	47.57	21.26	54.00	6.43	150	40	Horizontal
2	6961.89	56.98	21.26	74.00	17.02	150	40	Horizontal
3	10380.0	39.49	-3.60	54.00	14.51	150	242	Horizontal
4	10380.0	50.27	-3.60	74.00	23.73	150	92	Horizontal
5	15570.0	51.95	0.29	74.00	22.05	150	292	Horizontal
6	15570.0	41.80	0.29	54.00	12.20	150	142	Horizontal
7	17974.1	47.66	1.71	54.00	6.34	150	242	Horizontal

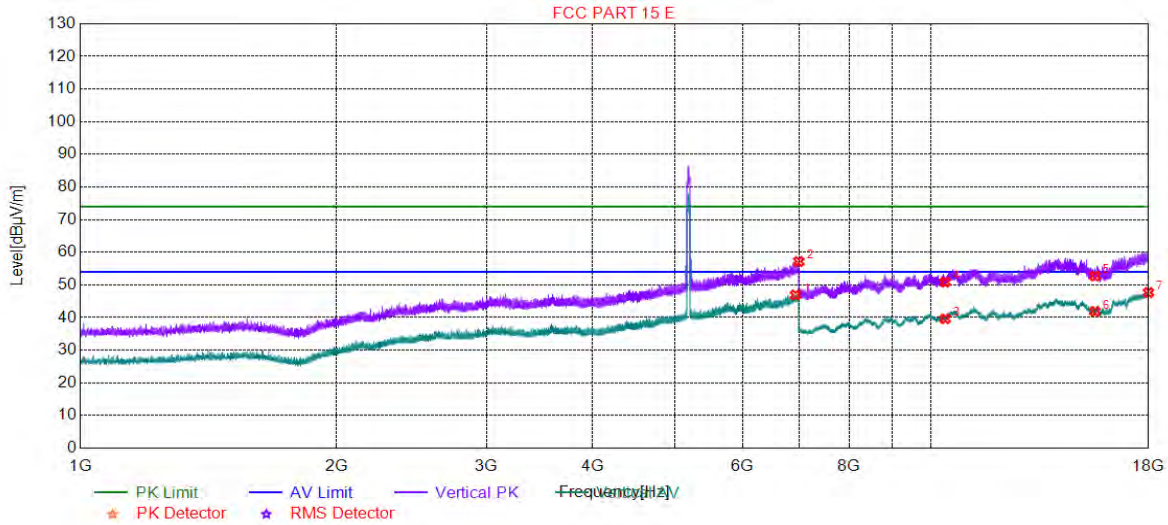


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**4.9.2.50 802.11N40\_Channel 38**



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6924.09	46.94	21.02	54.00	7.06	150	119	Vertical
2	6984.39	57.19	21.27	74.00	16.81	150	18	Vertical
3	10380.0	39.64	-3.60	54.00	14.36	150	217	Vertical
4	10380.0	50.85	-3.60	74.00	23.15	150	317	Vertical
5	15570.0	52.73	0.29	74.00	21.27	150	217	Vertical
6	15570.0	41.87	0.29	54.00	12.13	150	18	Vertical
7	17990.0	47.68	1.72	54.00	6.32	150	360	Vertical



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