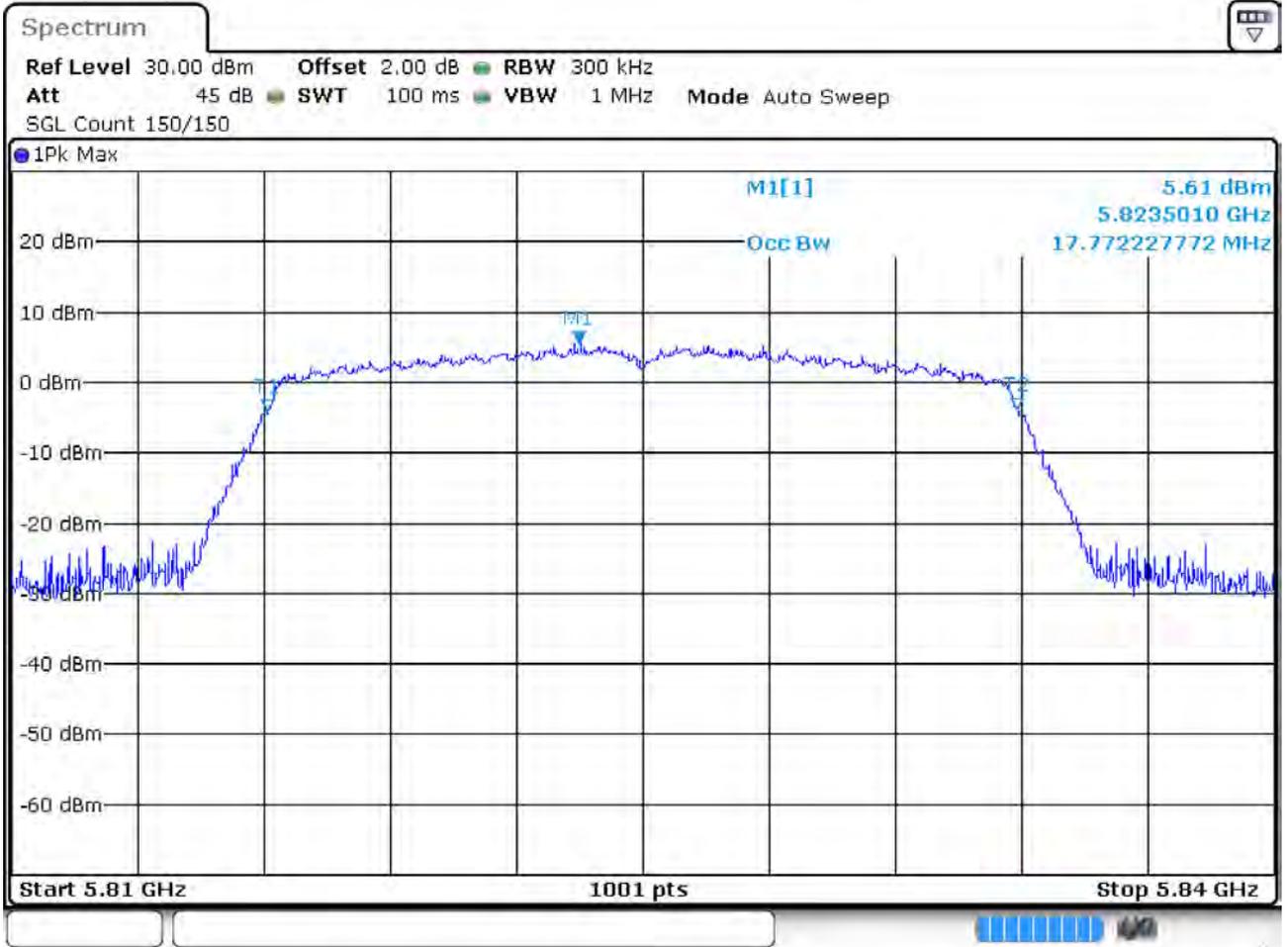




4.7.2.45 11AC20_165 ANT 1



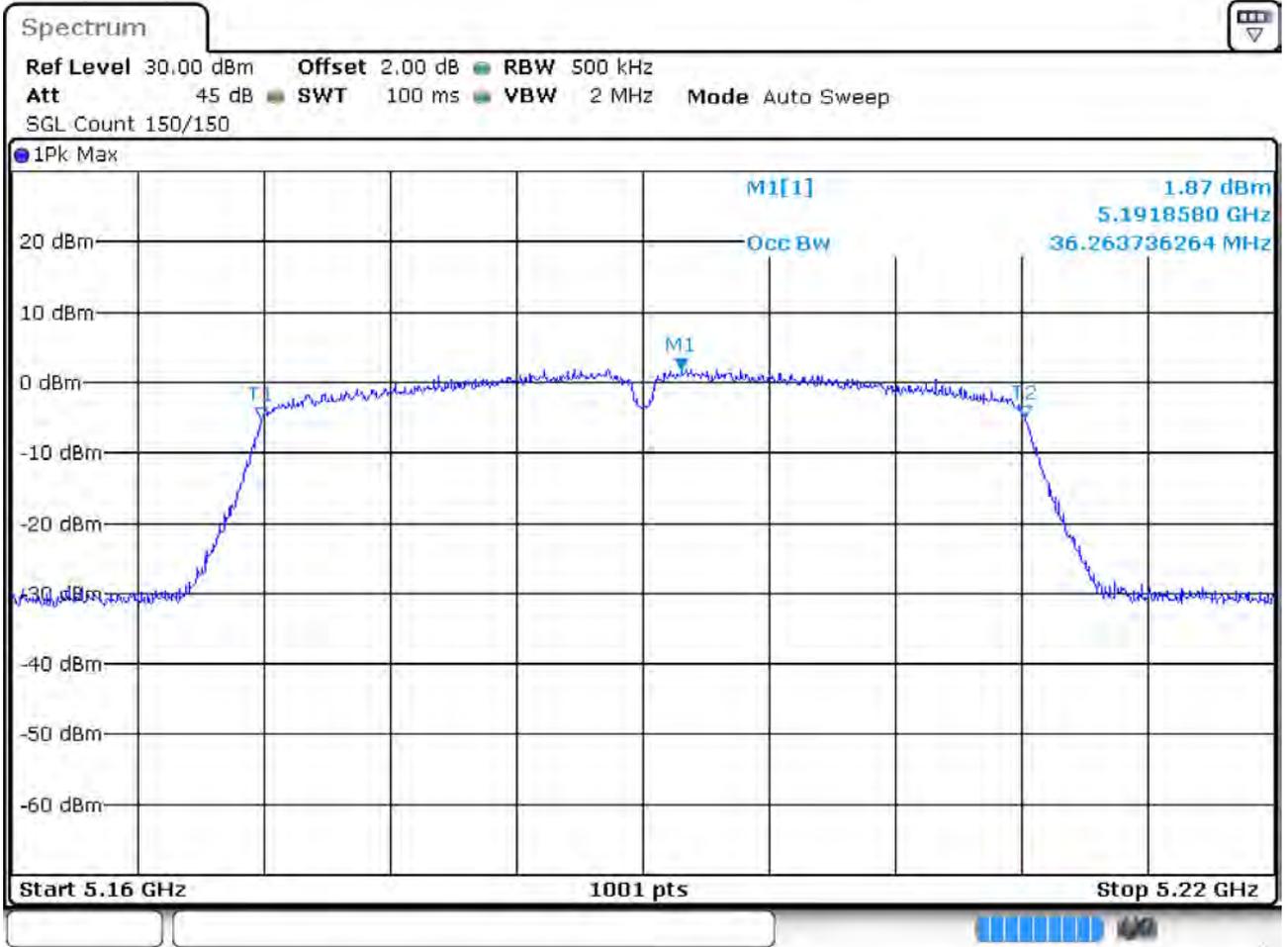
Date: 19.AUG.2020 15:38:48



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4.7.2.46 11AC40_38 ANT 1



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4.7.2.47 11AC40_46 ANT 1



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4.7.2.48 11AC40_54 ANT 1



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4.7.2.49 11AC40_62 ANT 1



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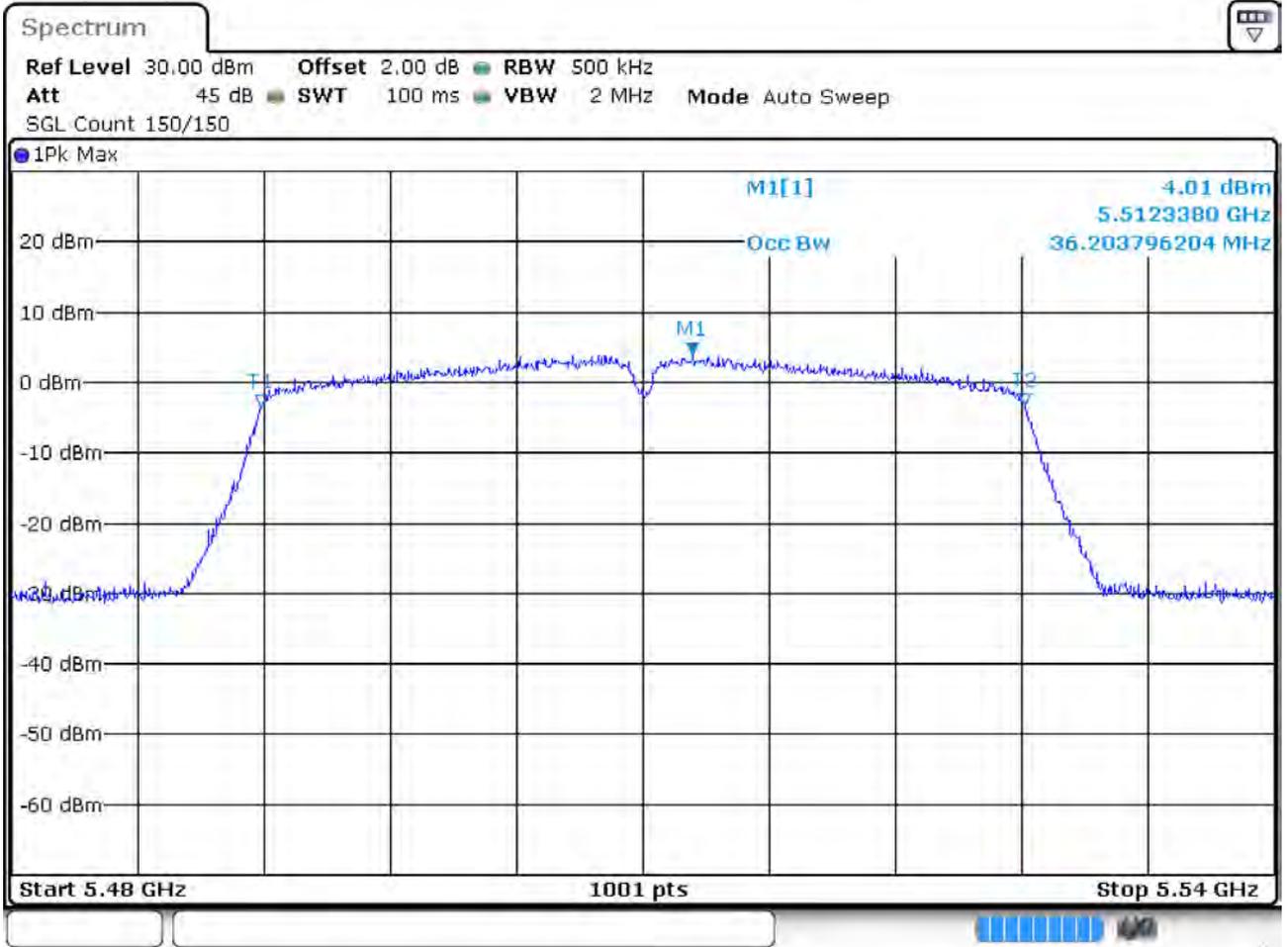


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4.7.2.50 11AC40_102 ANT 1



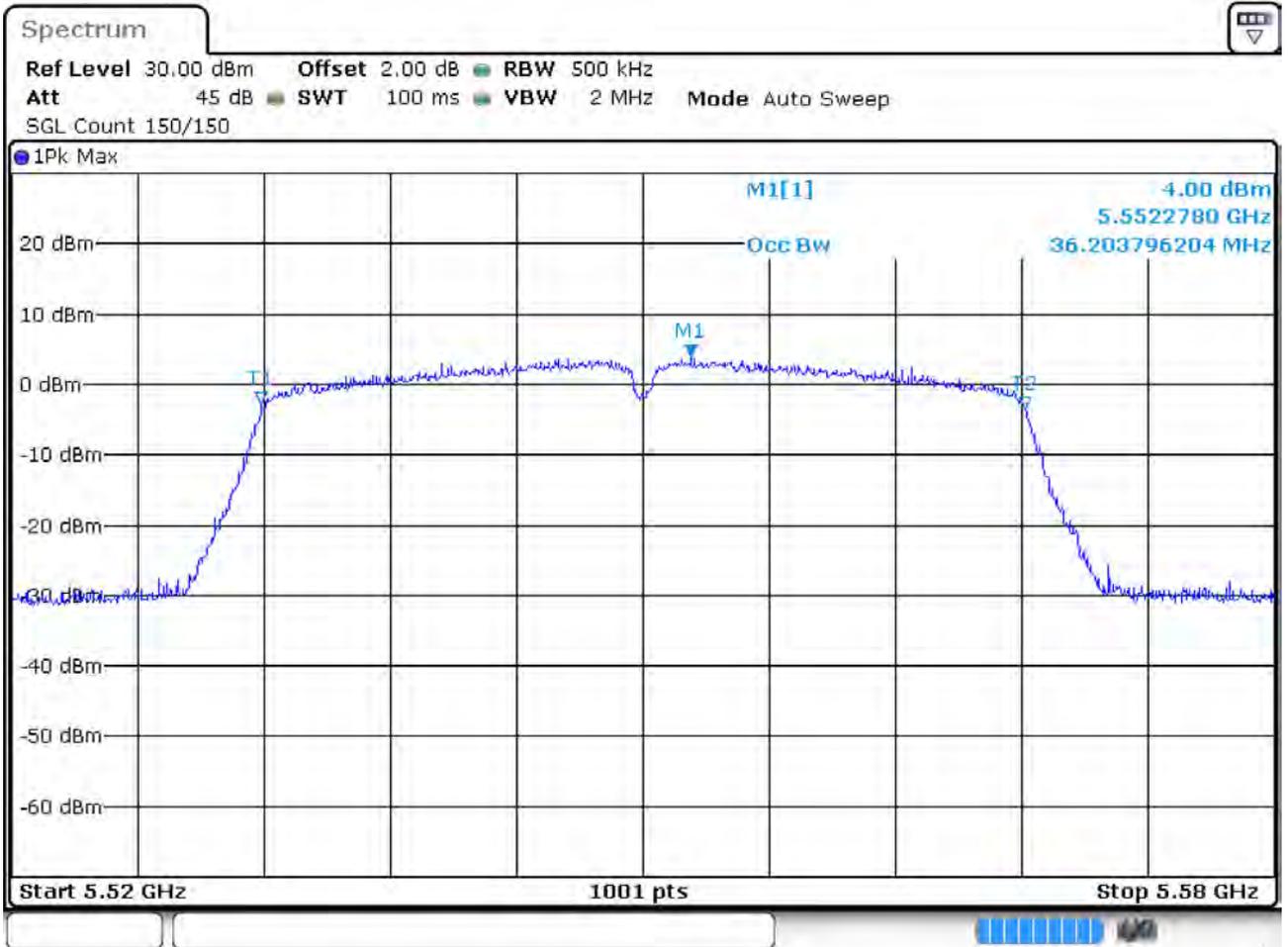
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4.7.2.51 11AC40_110 ANT 1



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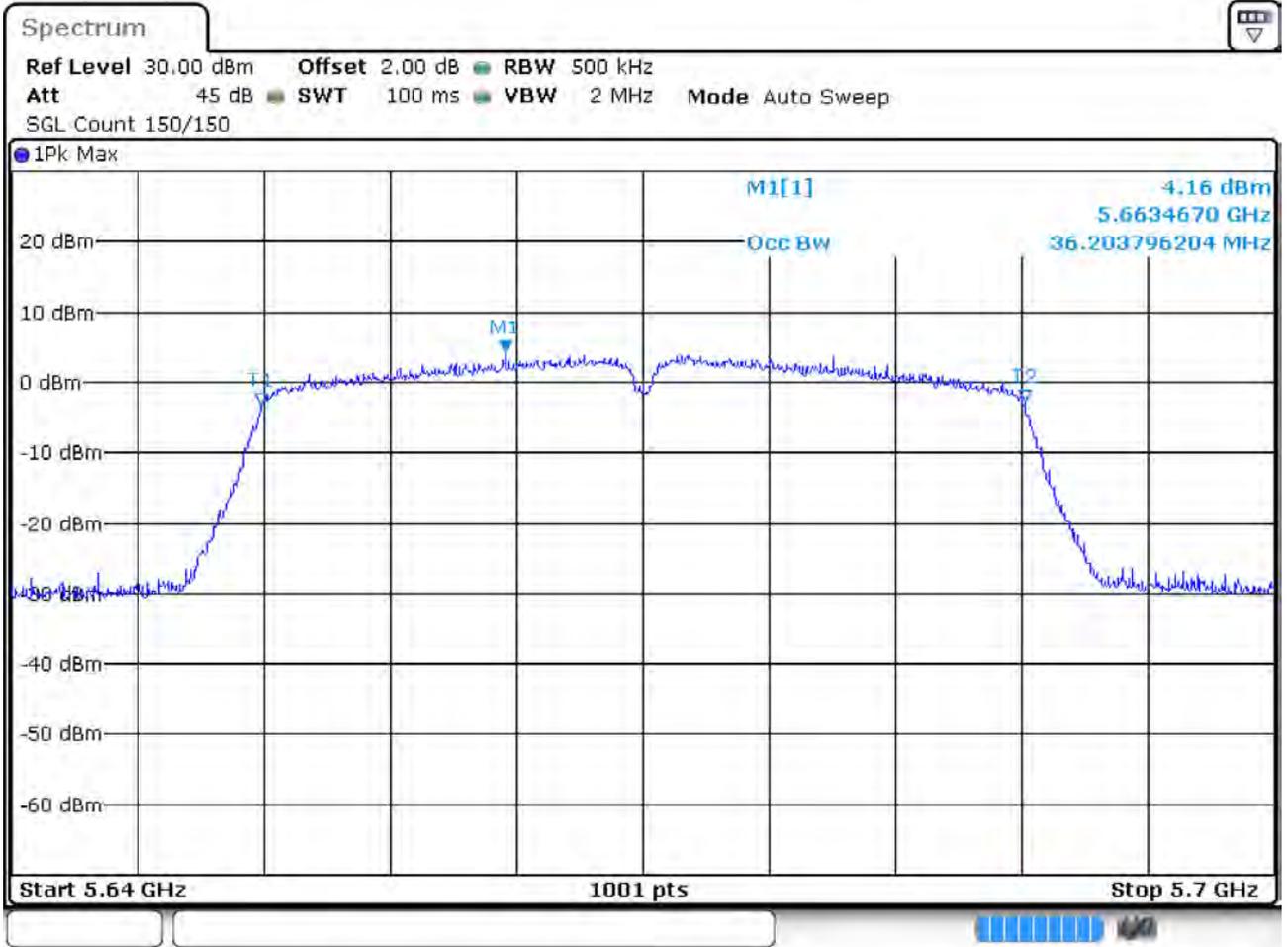


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4.7.2.52 11AC40_134 ANT 1



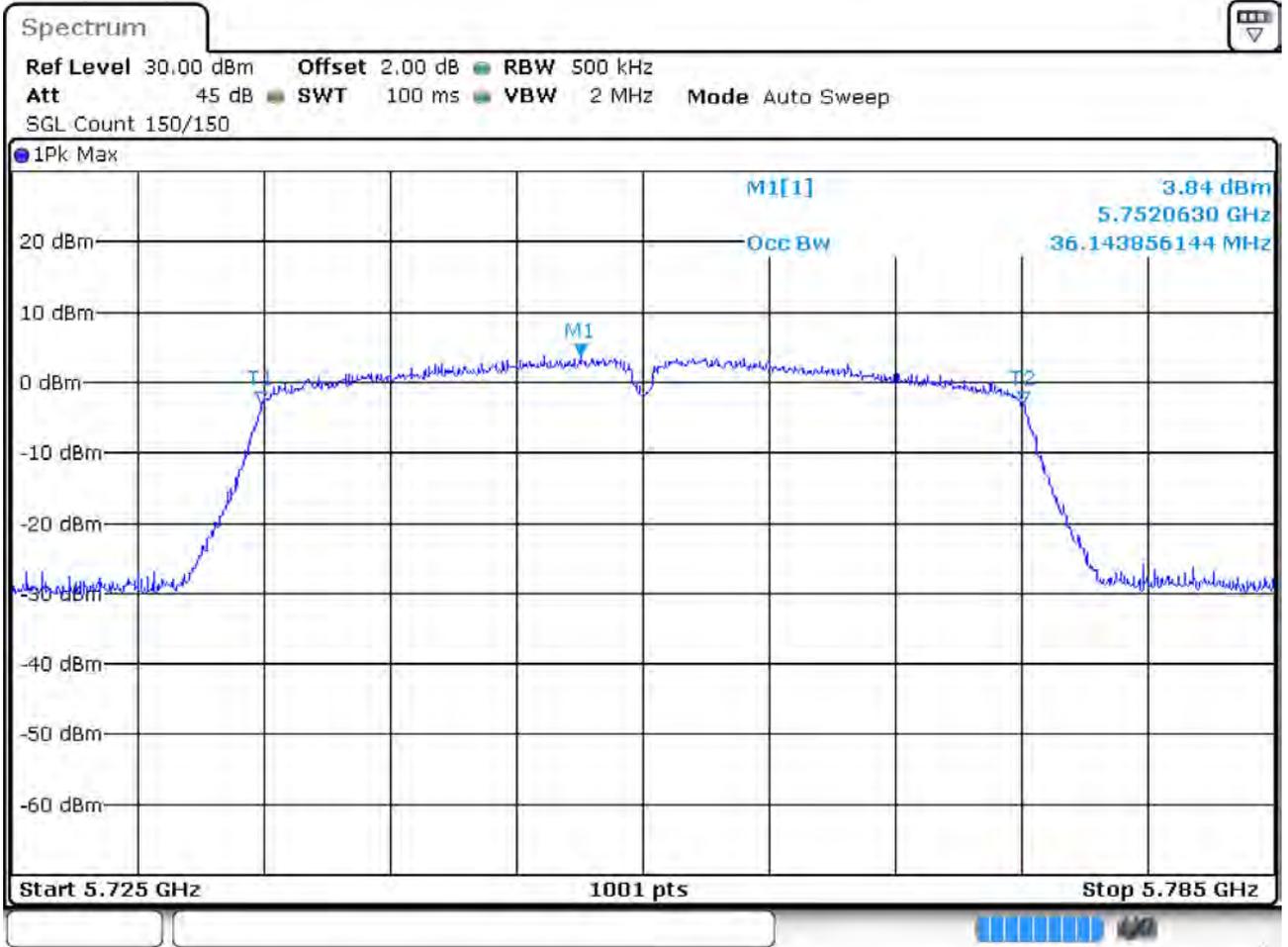
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4.7.2.53 11AC40_151 ANT 1



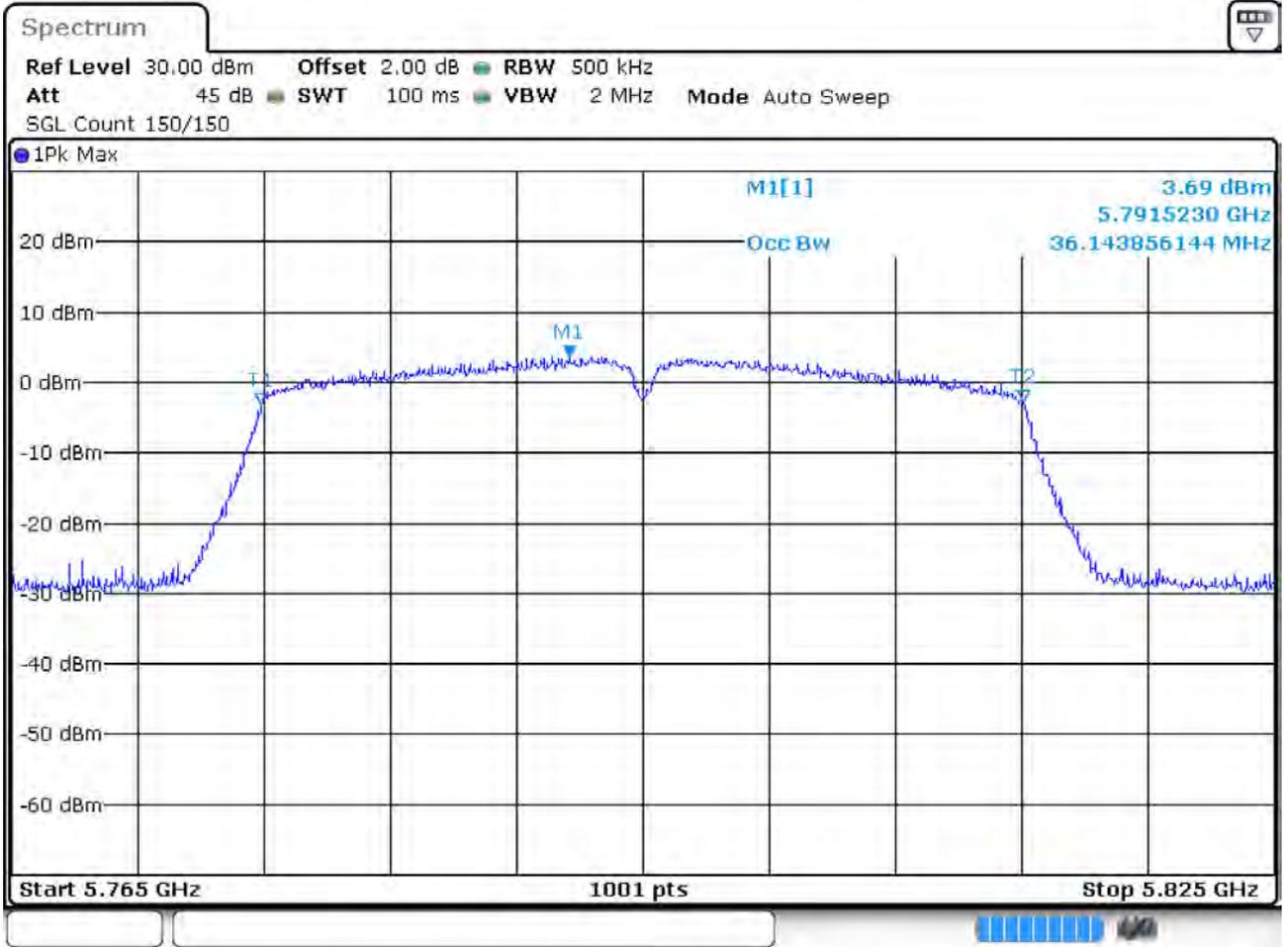
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4.7.2.54 11AC40_159 ANT 1



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4.7.2.55 11AC80_42 ANT 1



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4.7.2.56 11AC80_58 ANT 1



Date: 19.AUG.2020 15:56:10

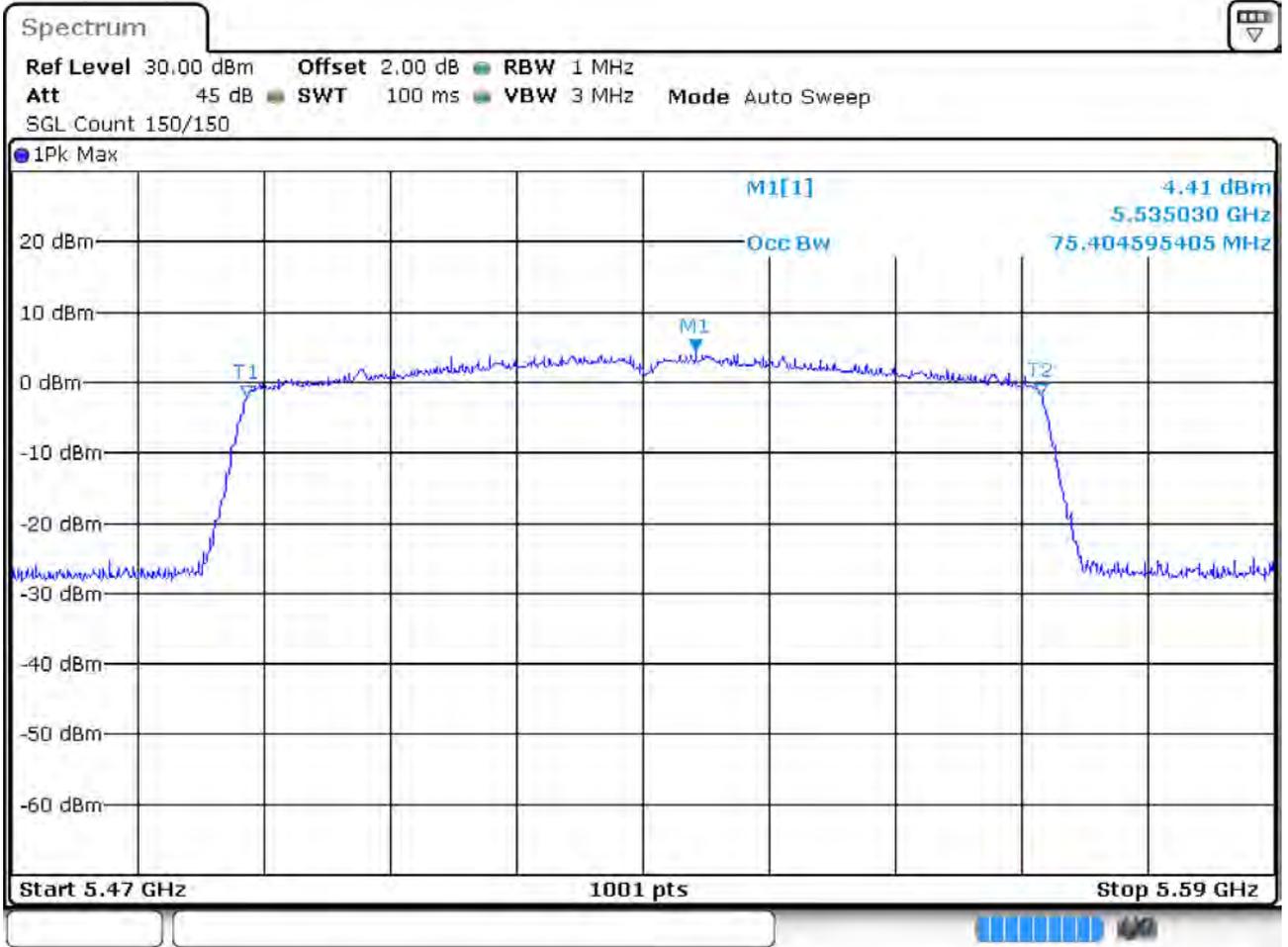


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4.7.2.57 11AC80_106 ANT 1



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4.7.2.58 11AC80_122 ANT 1



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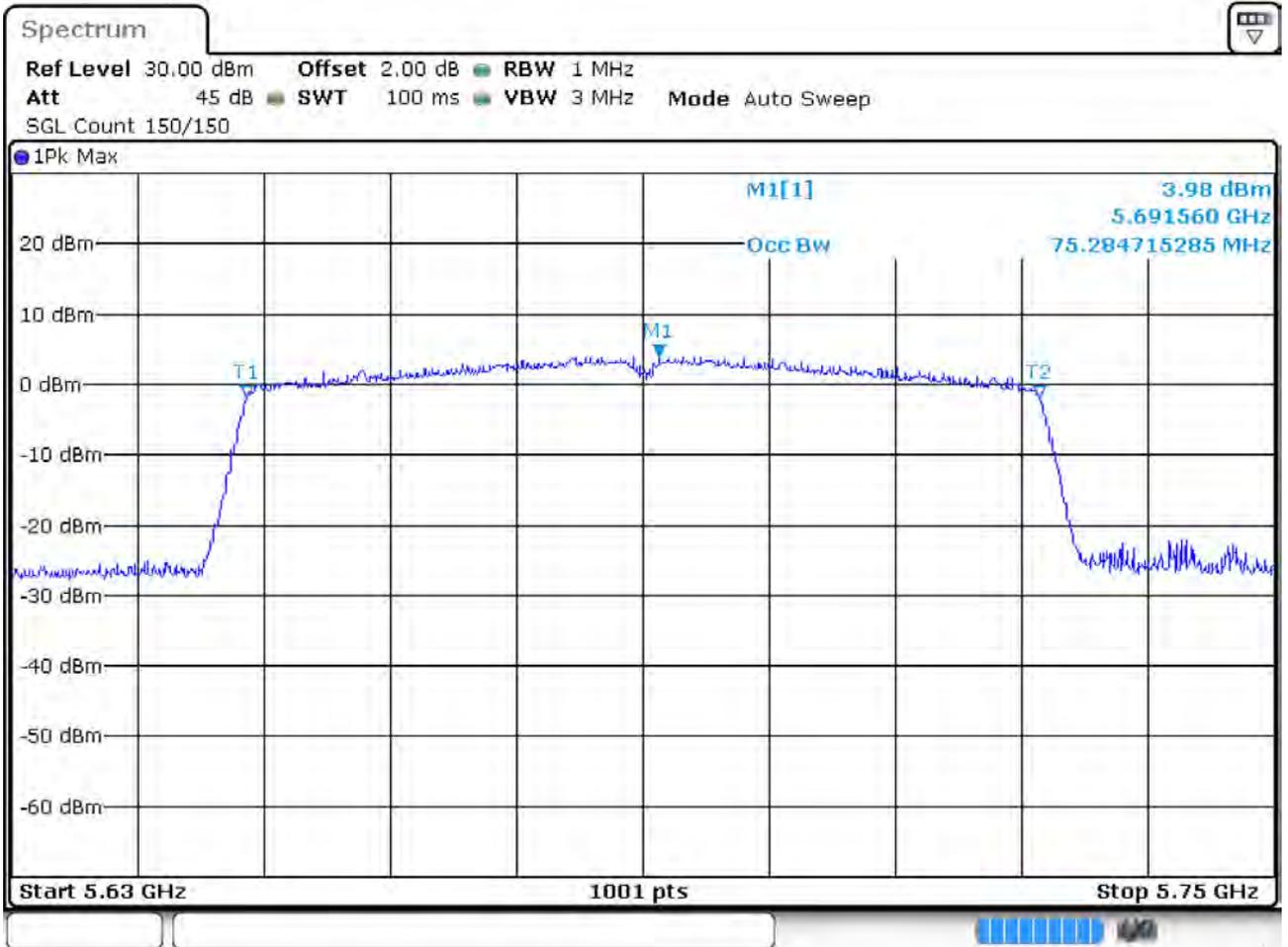


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4.7.2.59 11AC80_138 ANT 1



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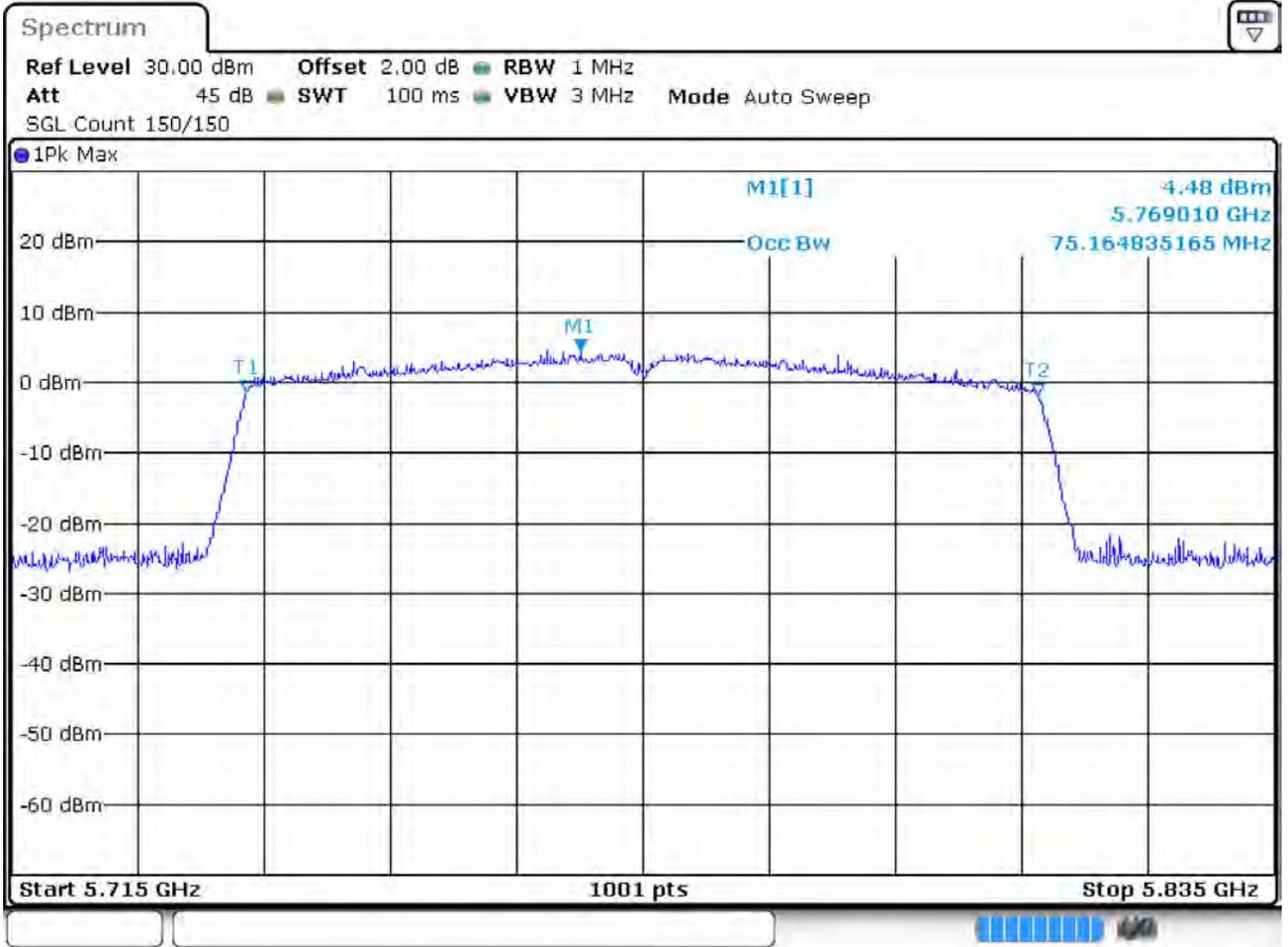
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4.7.2.60 11AC80_155 ANT 1



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4.8 Power Spectral Density

Test Requirement:	47 CFR Part 15 Section 15.407(a)	
Test Method:	ANSI C63.10: 2013	
Test Setup:		
Test Instruments:	Refer to section 5.10 for details	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates	
Final Test Mode:	<p>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). Only the worst case is recorded in the report.</p>	
Limit:	Frequency Band	Limit
	5150-5250MHz	The power spectral density less than 11dBm/1MHz
	5250-5350MHz	The power spectral density less than 11dBm/1MHz
	5470-5725MHz	The power spectral density less than 11dBm/1MHz
	5725-5850MHz	The power spectral density less than <30dBm/500KHz
Test Results:	Pass	



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4.8.1 Test Results For Power Density

	Test Channel	Frequency [MHz]	Antenna Port	Meas. Level (Cond.) [dBm/500KHz]	Verdict
11A20	36	5180	ANT 1	2.83	PASS
	44	5220	ANT 1	3.83	PASS
	48	5240	ANT 1	3.86	PASS
	52	5260	ANT 1	4.17	PASS
	60	5300	ANT 1	4.45	PASS
	64	5320	ANT 1	4.18	PASS
	100	5500	ANT 1	4.98	PASS
	116	5580	ANT 1	4.53	PASS
	140	5700	ANT 1	4.61	PASS
	149	5745	ANT 1	1.96	PASS
	157	5785	ANT 1	1.98	PASS
	165	5825	ANT 1	2.16	PASS
11N20	36	5180	ANT 1	2.07	PASS
	44	5220	ANT 1	3	PASS
	48	5240	ANT 1	3.24	PASS
	52	5260	ANT 1	3.33	PASS
	60	5300	ANT 1	3.44	PASS
	64	5320	ANT 1	3.46	PASS
	100	5500	ANT 1	4.11	PASS
	116	5580	ANT 1	3.61	PASS
	140	5700	ANT 1	4.15	PASS
	149	5745	ANT 1	1.21	PASS
	157	5785	ANT 1	1.28	PASS
	165	5825	ANT 1	1.3	PASS
11N40	38	5190	ANT 1	-2.59	PASS
	46	5230	ANT 1	-1.85	PASS
	54	5270	ANT 1	-1.57	PASS
	62	5310	ANT 1	-1.59	PASS
	102	5510	ANT 1	-0.77	PASS
	110	5550	ANT 1	-0.91	PASS
	134	5670	ANT 1	-0.88	PASS



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Shenzhen Branch**

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	151	5755	ANT 1	-3.7	PASS
	159	5795	ANT 1	-3.66	PASS
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4.8.2 Test plots For Power Density

4.8.2.1 11A20_36 ANT 1



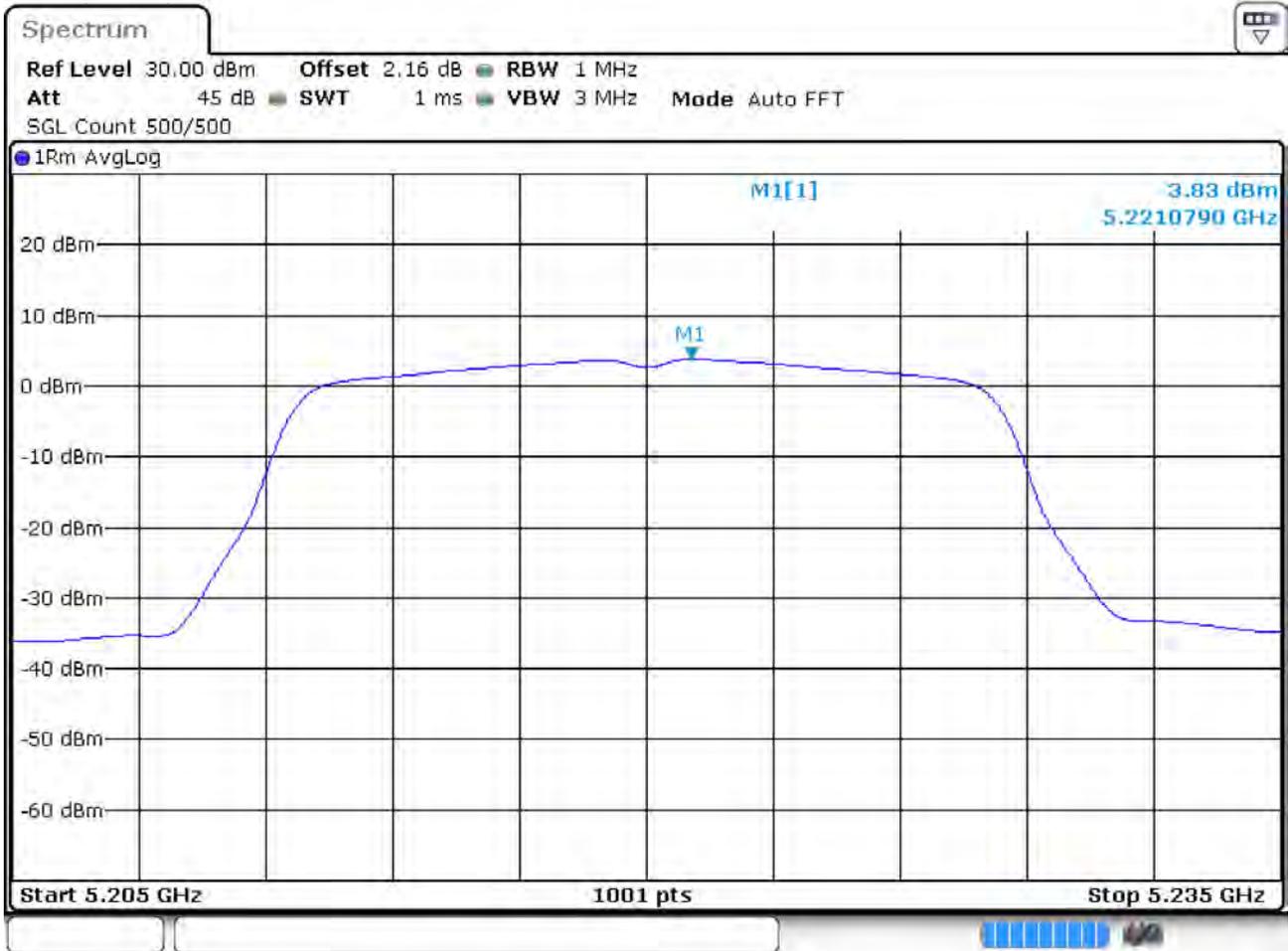
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4.8.2.2 11A20_44 ANT 1



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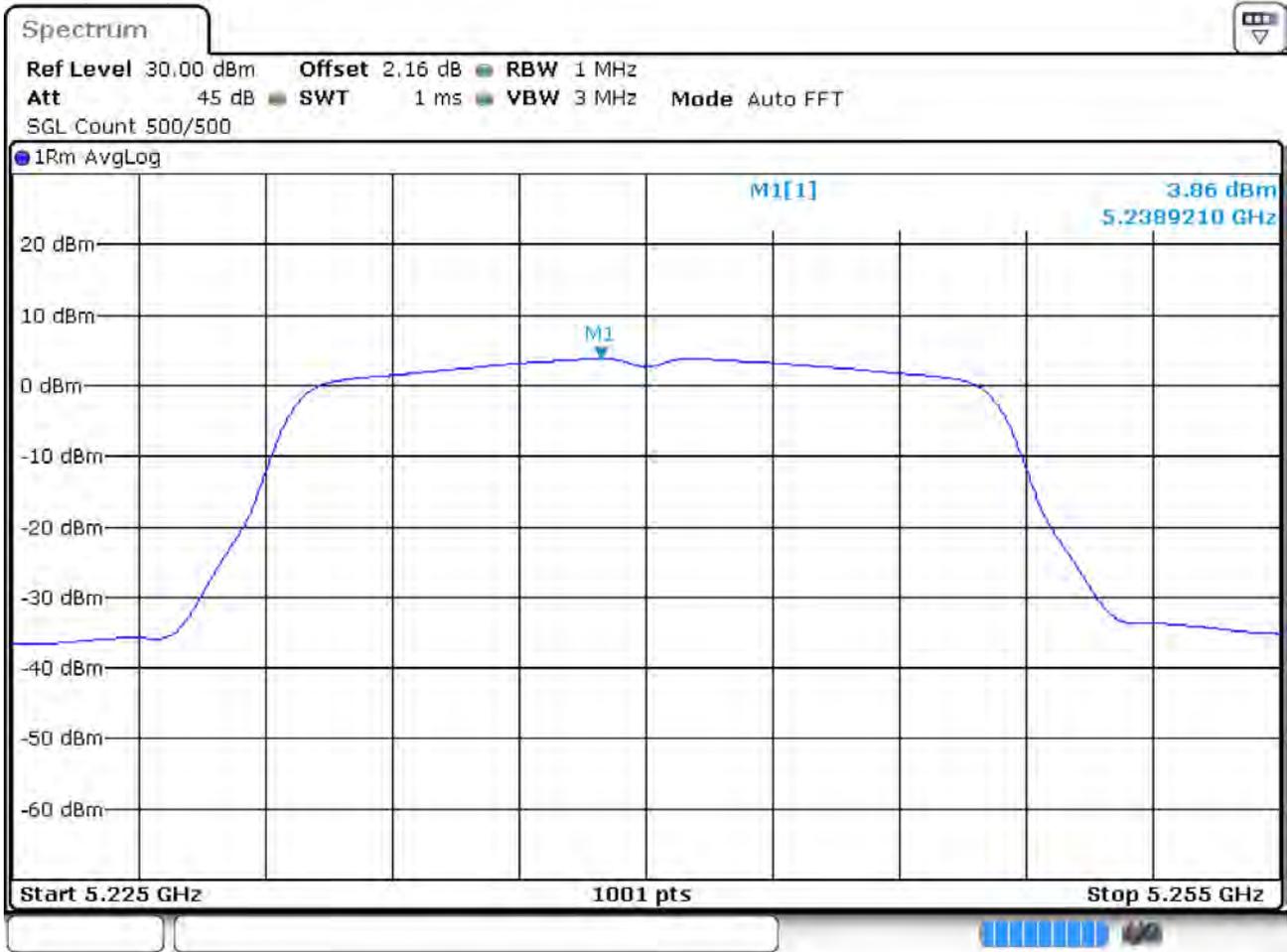


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4.8.2.3 11A20_48 ANT 1



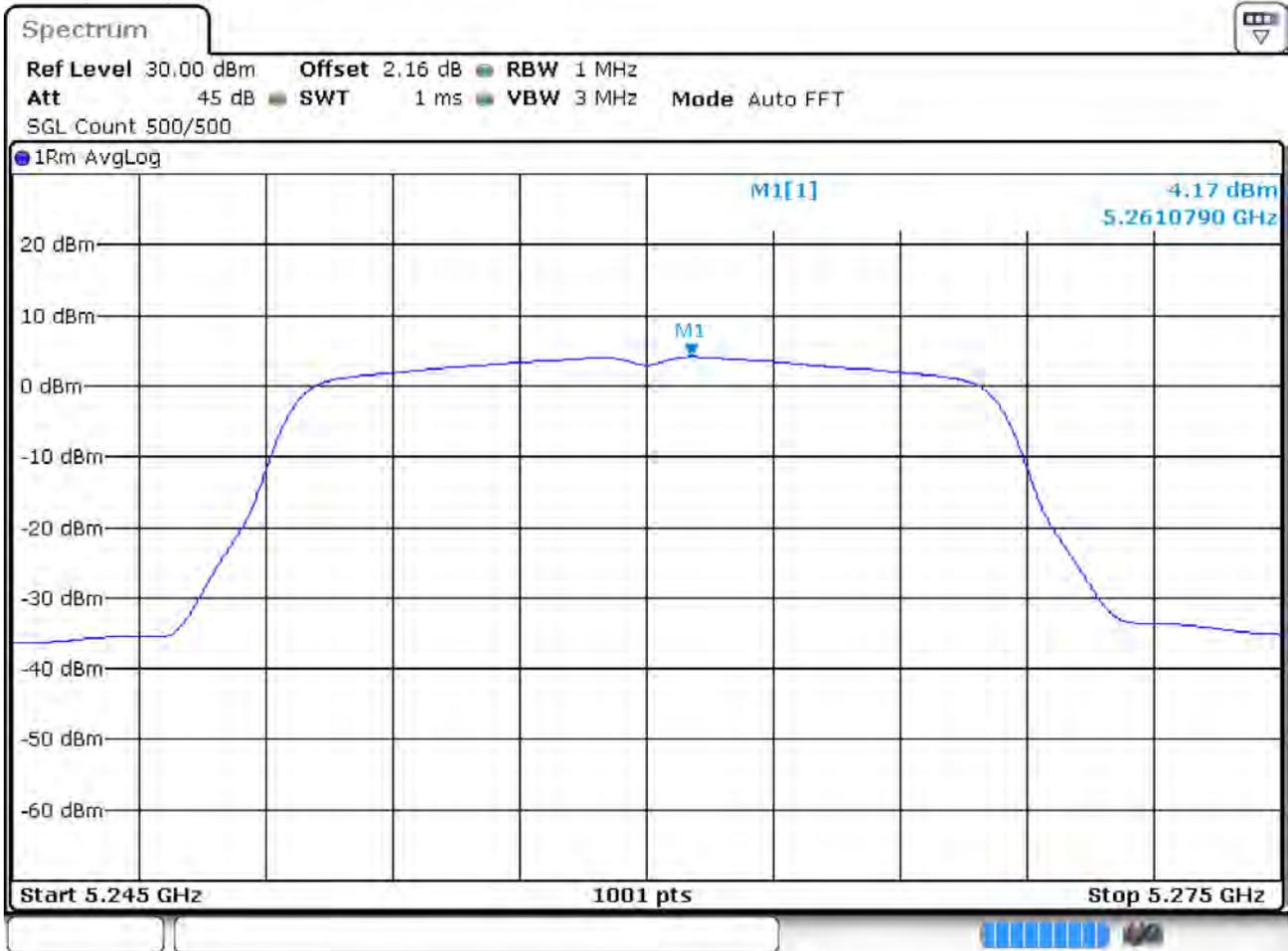
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4.8.2.4 11A20_52 ANT 1



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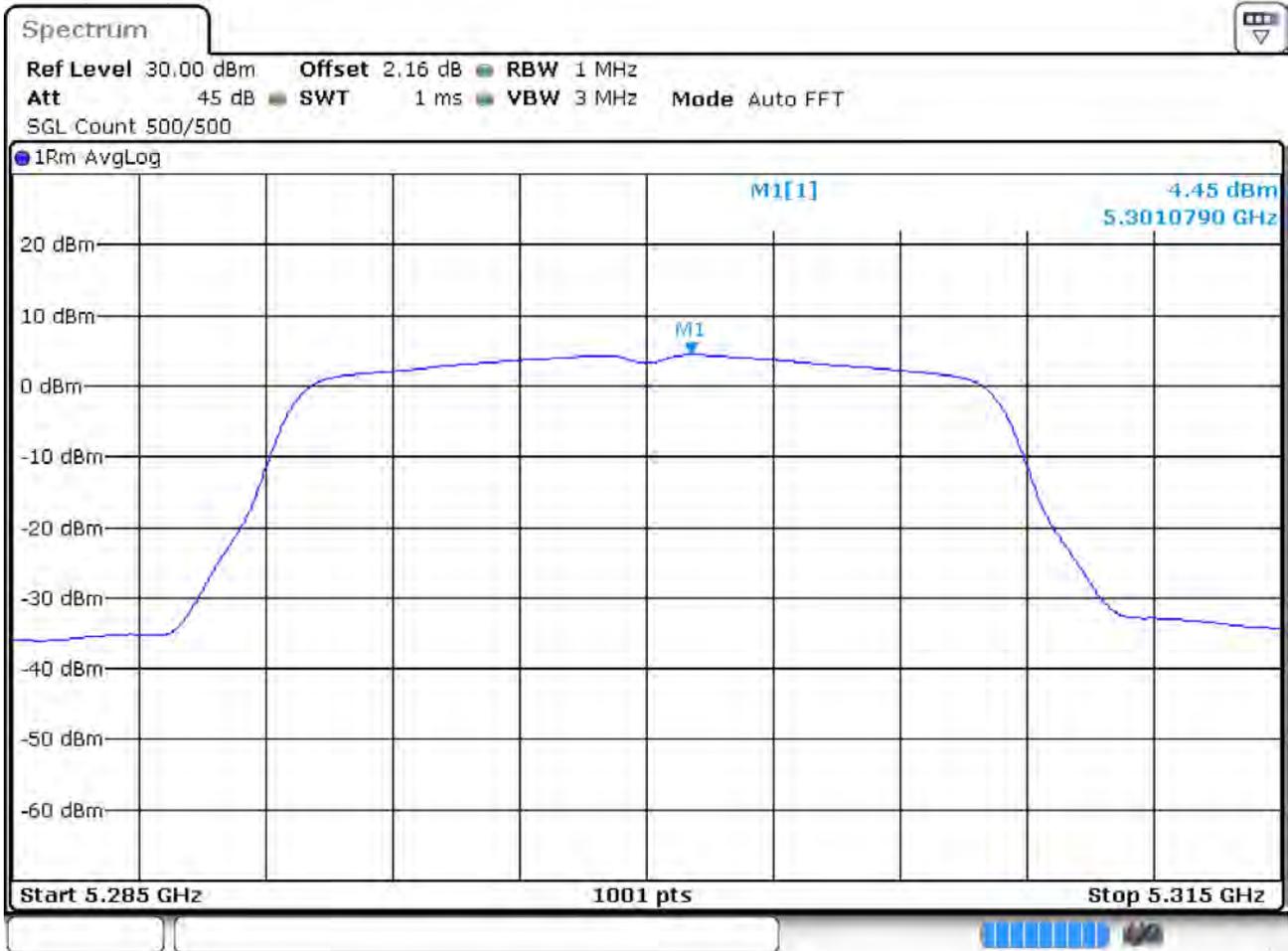


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4.8.2.5 11A20_60 ANT 1



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4.8.2.6 11A20_64 ANT 1



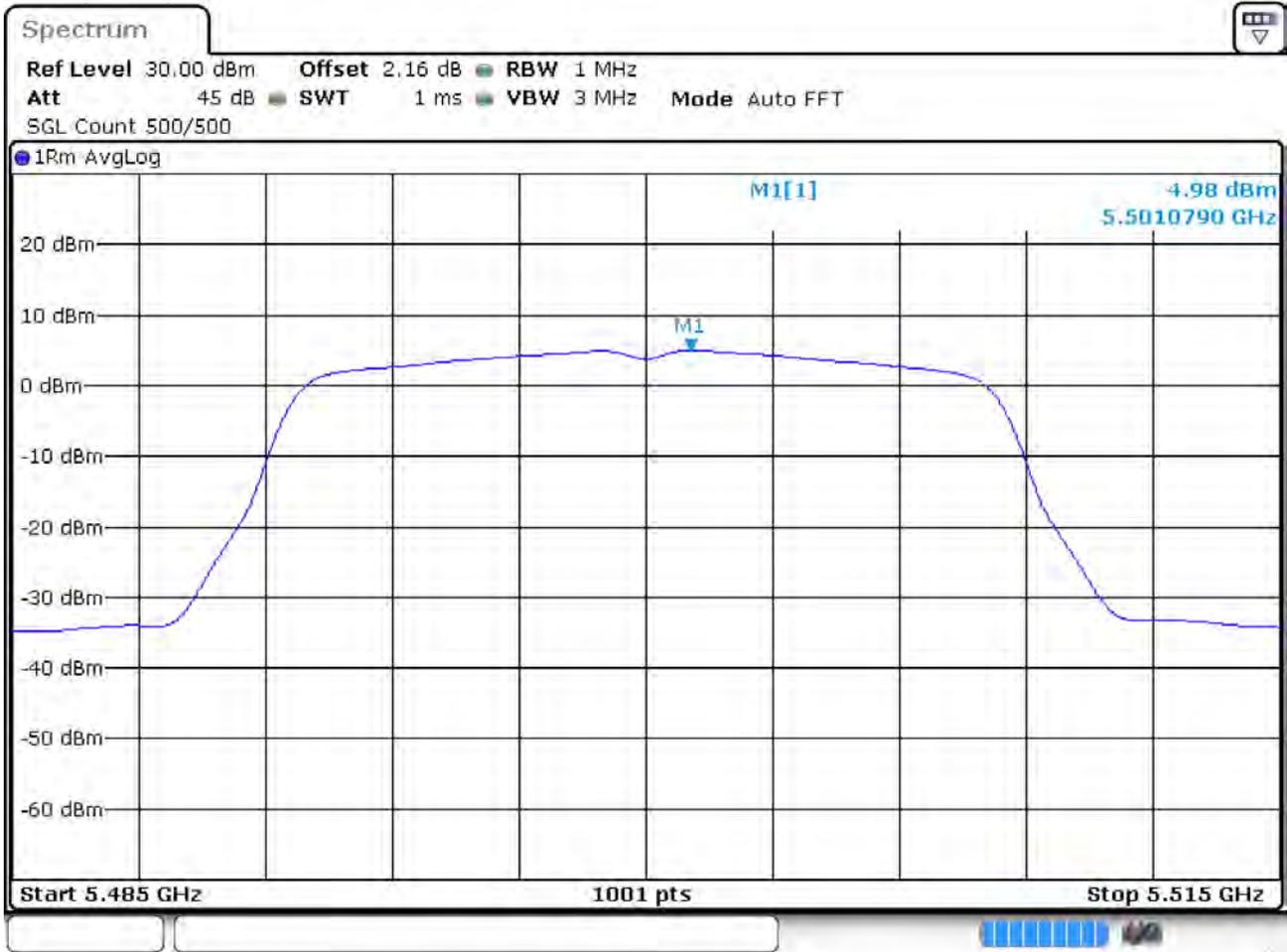
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4.8.2.7 11A20_100 ANT 1



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4.8.2.8 11A20_116 ANT 1



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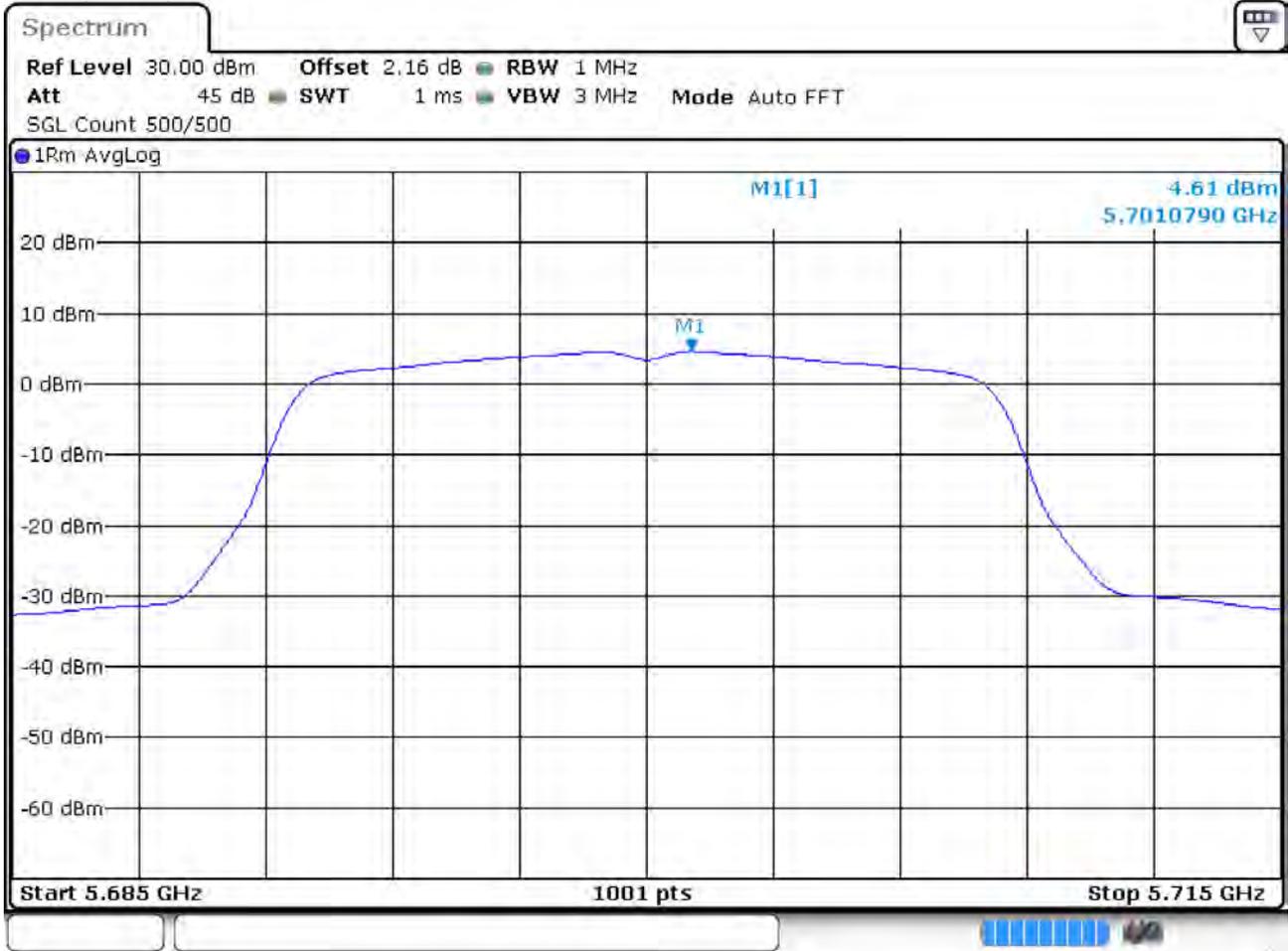
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4.8.2.9 11A20_140 ANT 1



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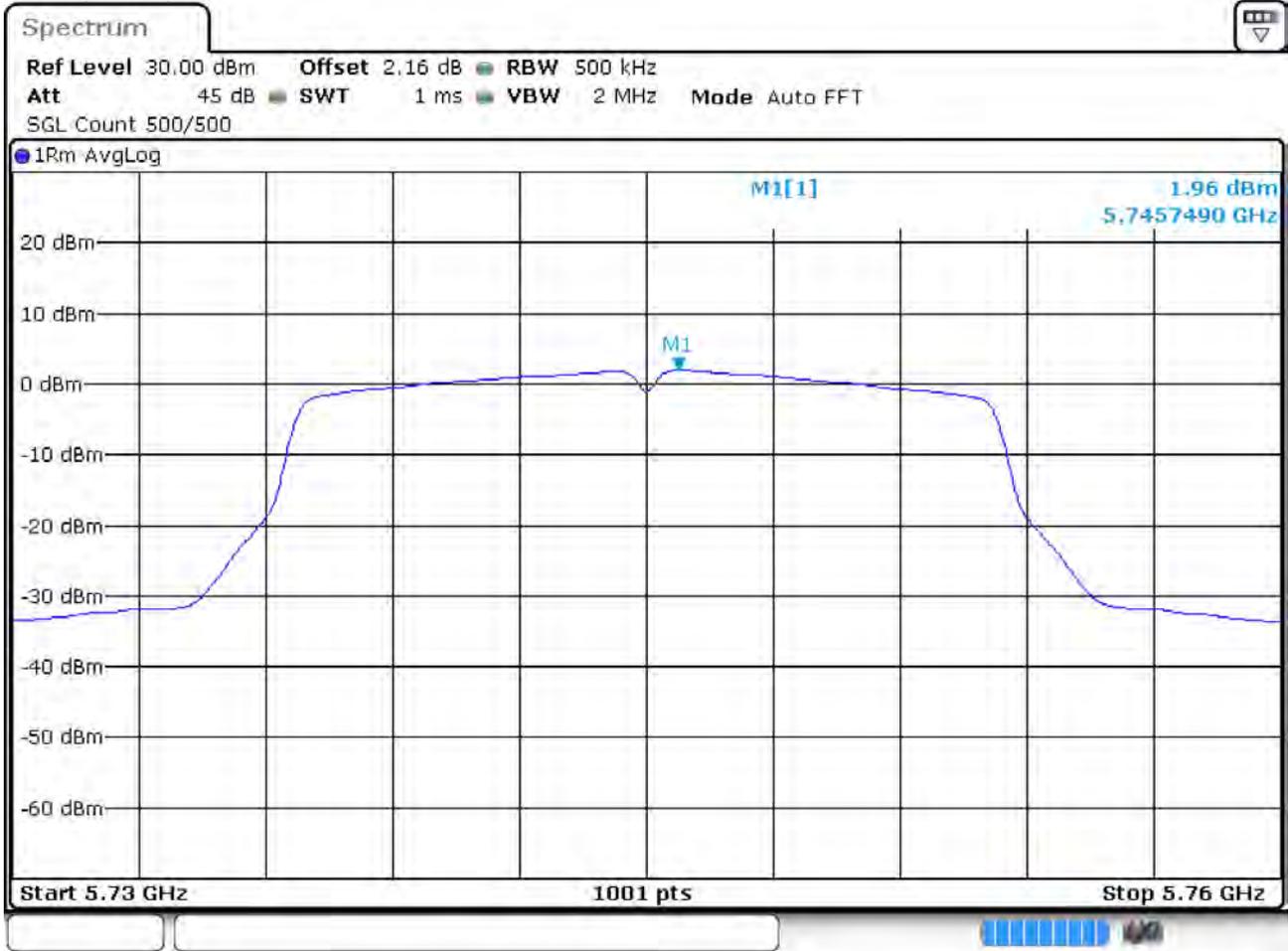


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4.8.2.10 11A20_149 ANT 1



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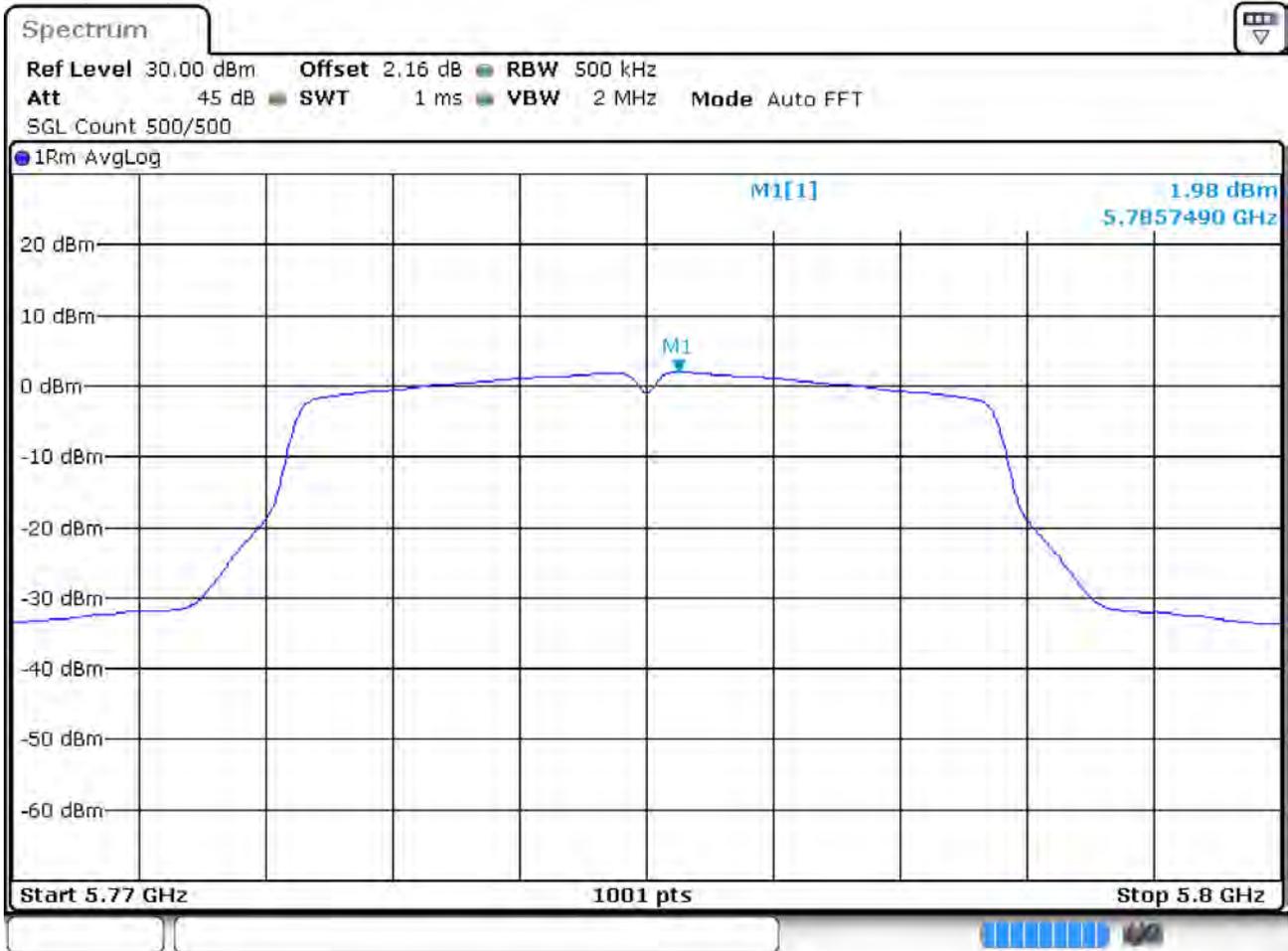


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4.8.2.11 11A20_157 ANT 1



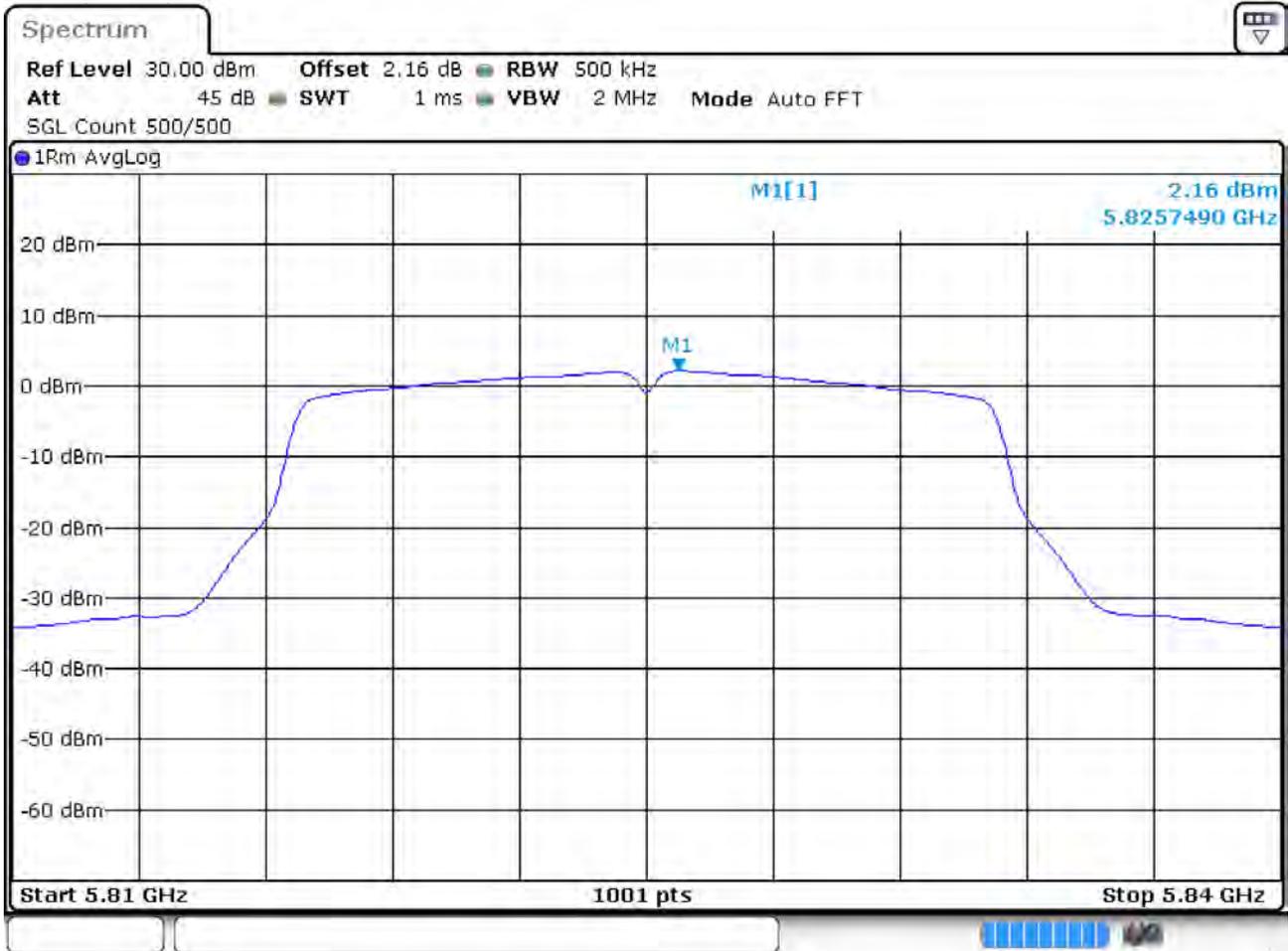
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4.8.2.12 11A20_165 ANT 1



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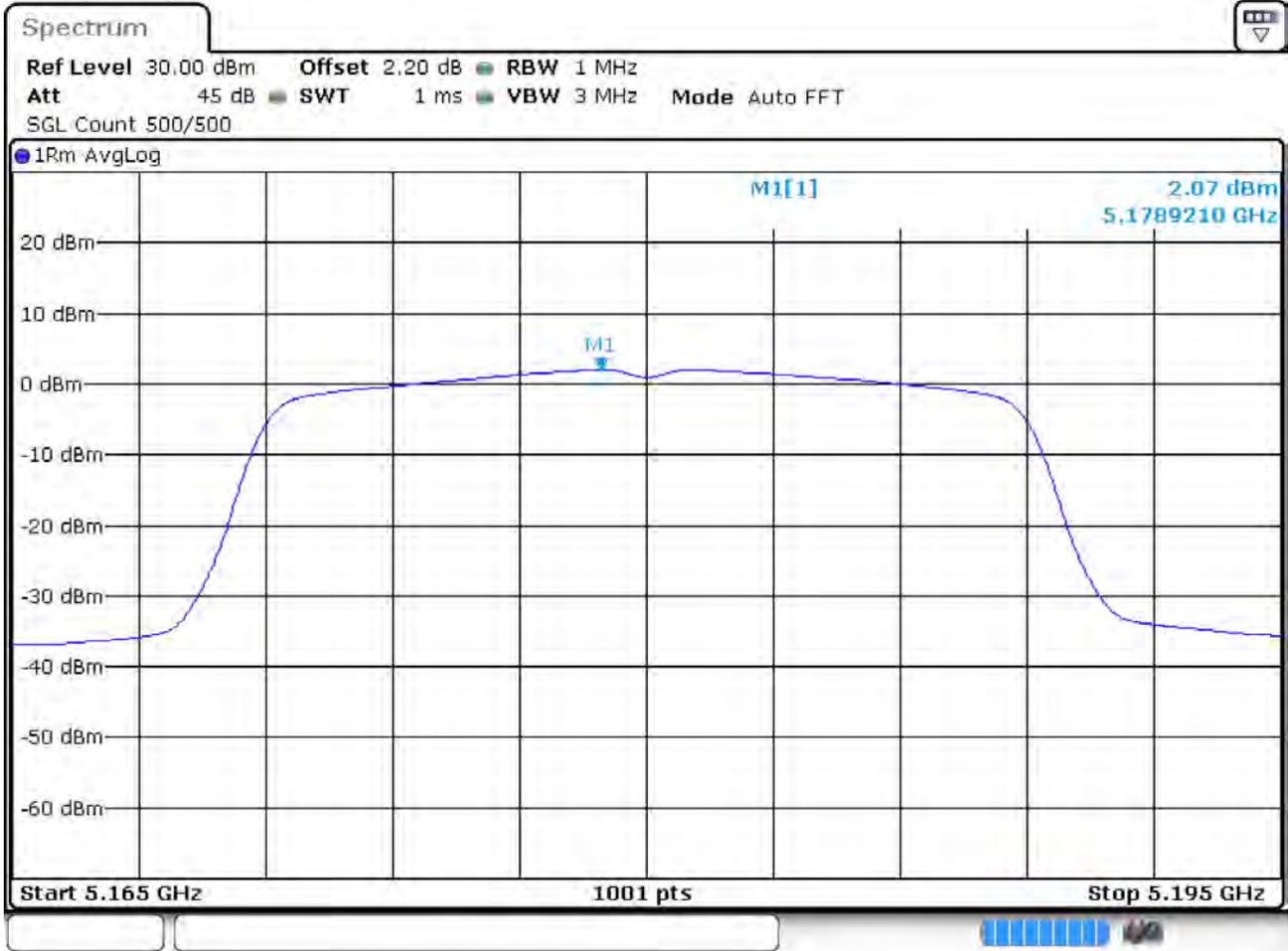


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4.8.2.13 11N20_36 ANT 1



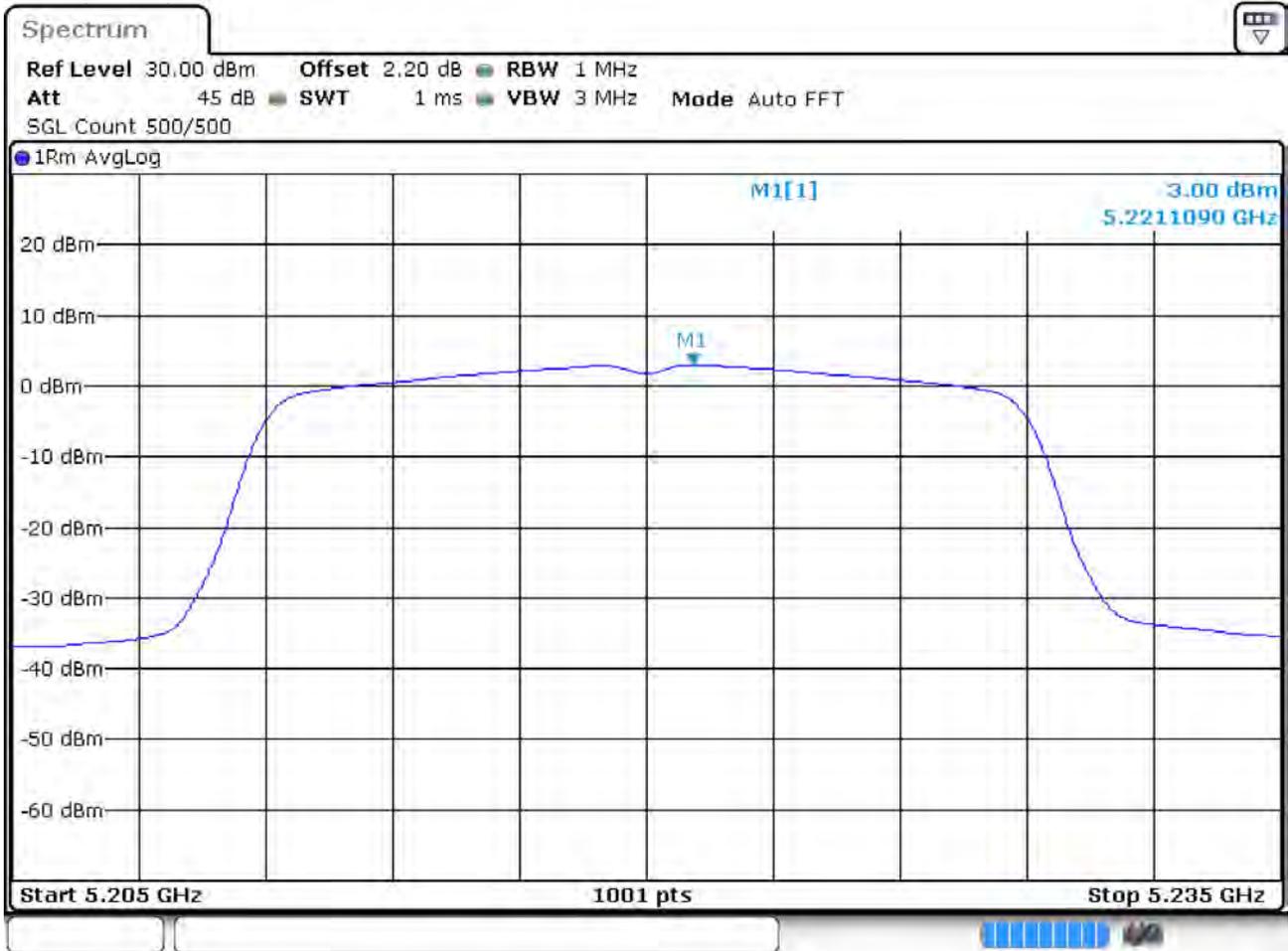
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4.8.2.15 11N20_48 ANT 1



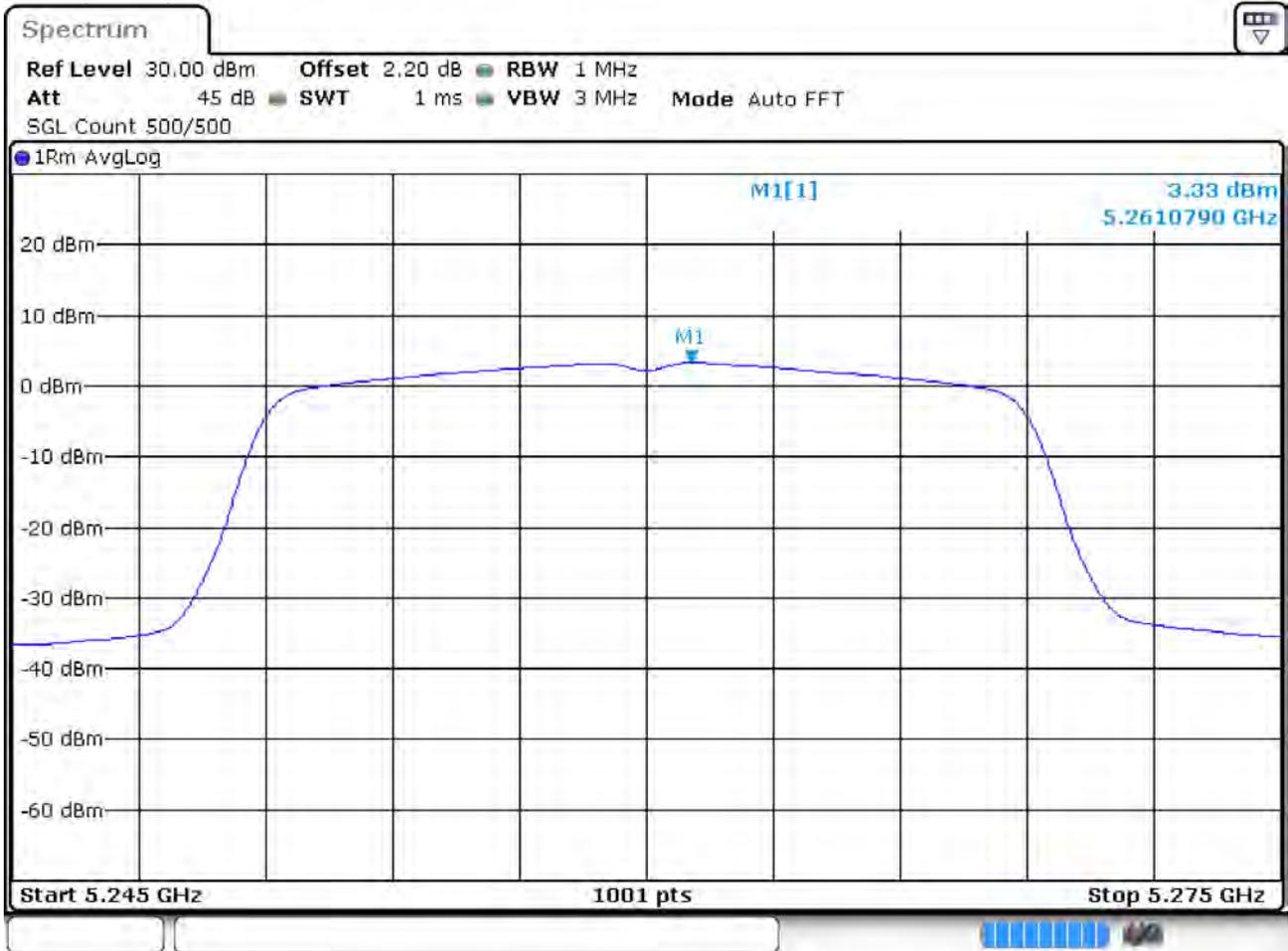
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4.8.2.17 11N20_60 ANT 1



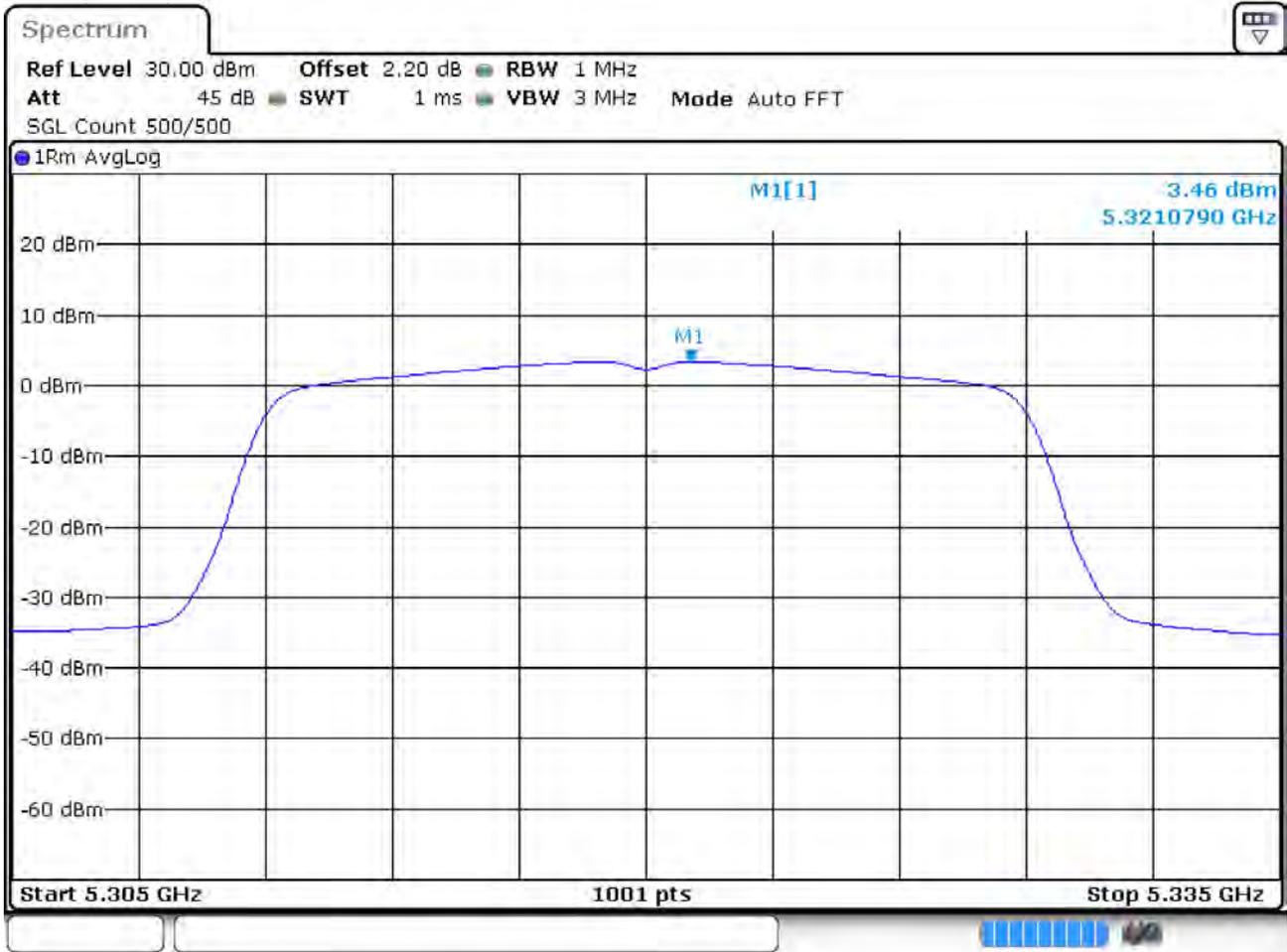
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4.8.2.18 11N20_64 ANT 1



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4.8.2.19 11N20_100 ANT 1



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4.8.2.20 11N20_116 ANT 1



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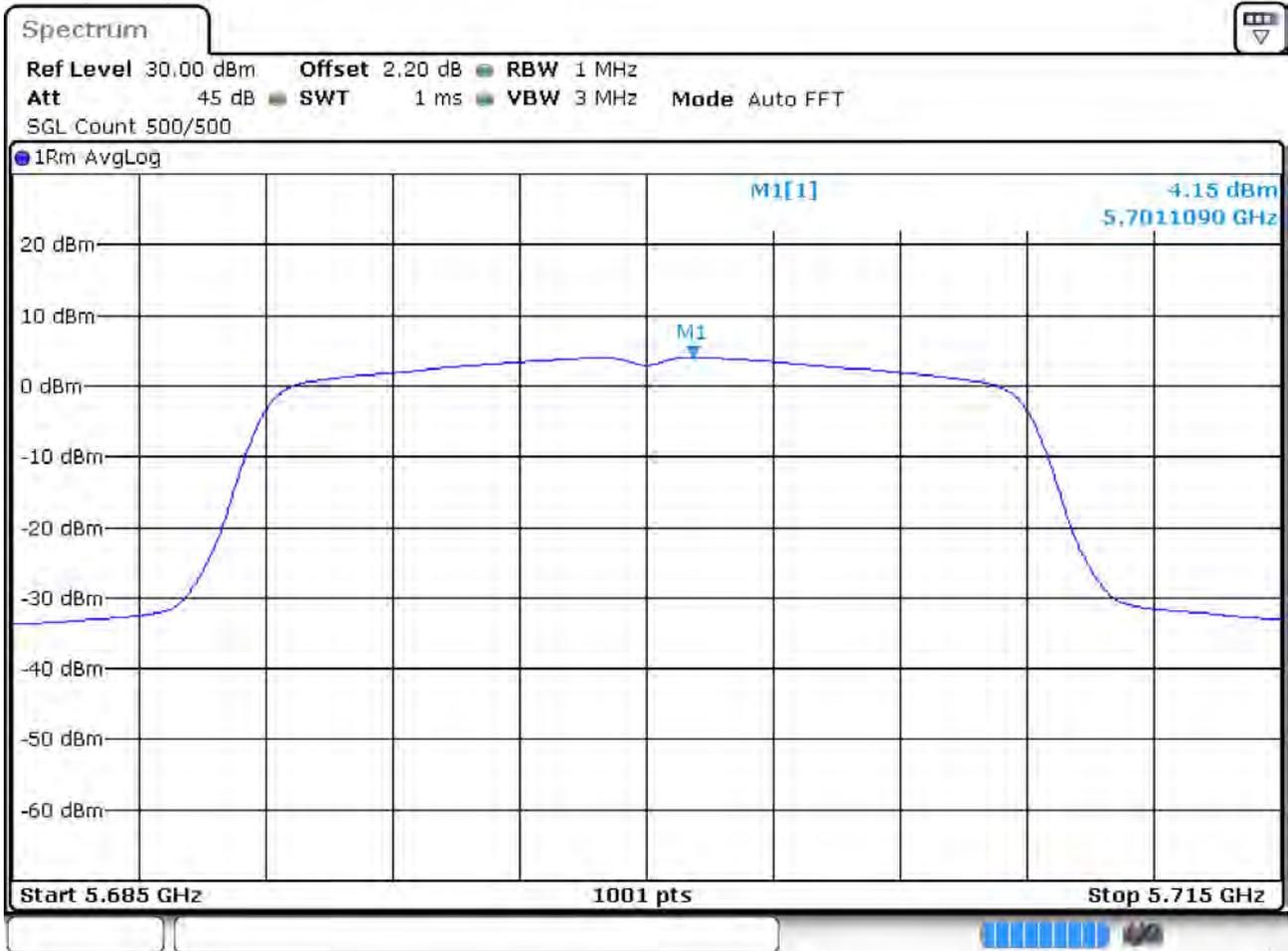
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4.8.2.21 11N20_140 ANT 1



Date: 19.AUG.2020 15:03:18

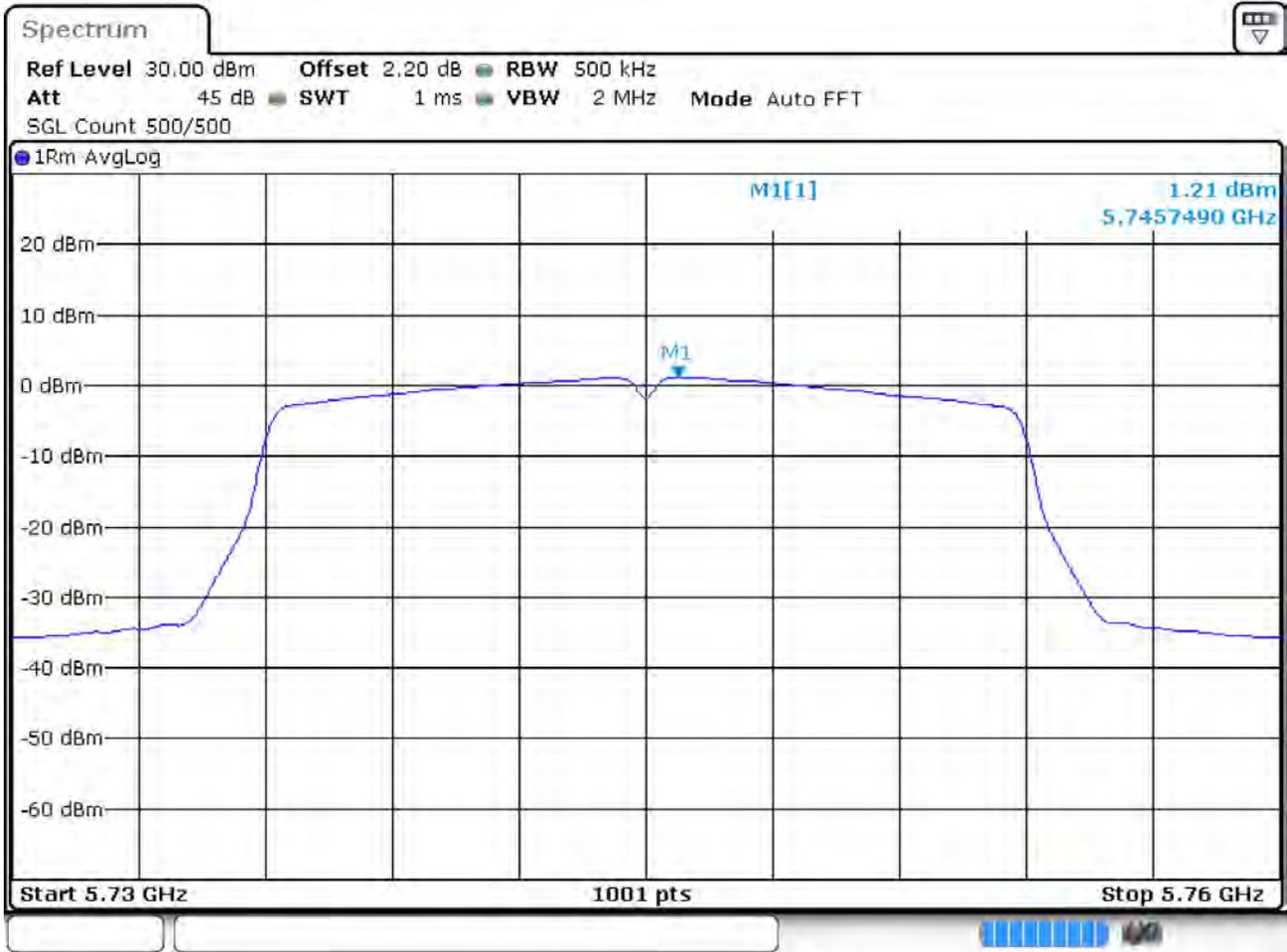


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4.8.2.22 11N20_149 ANT 1



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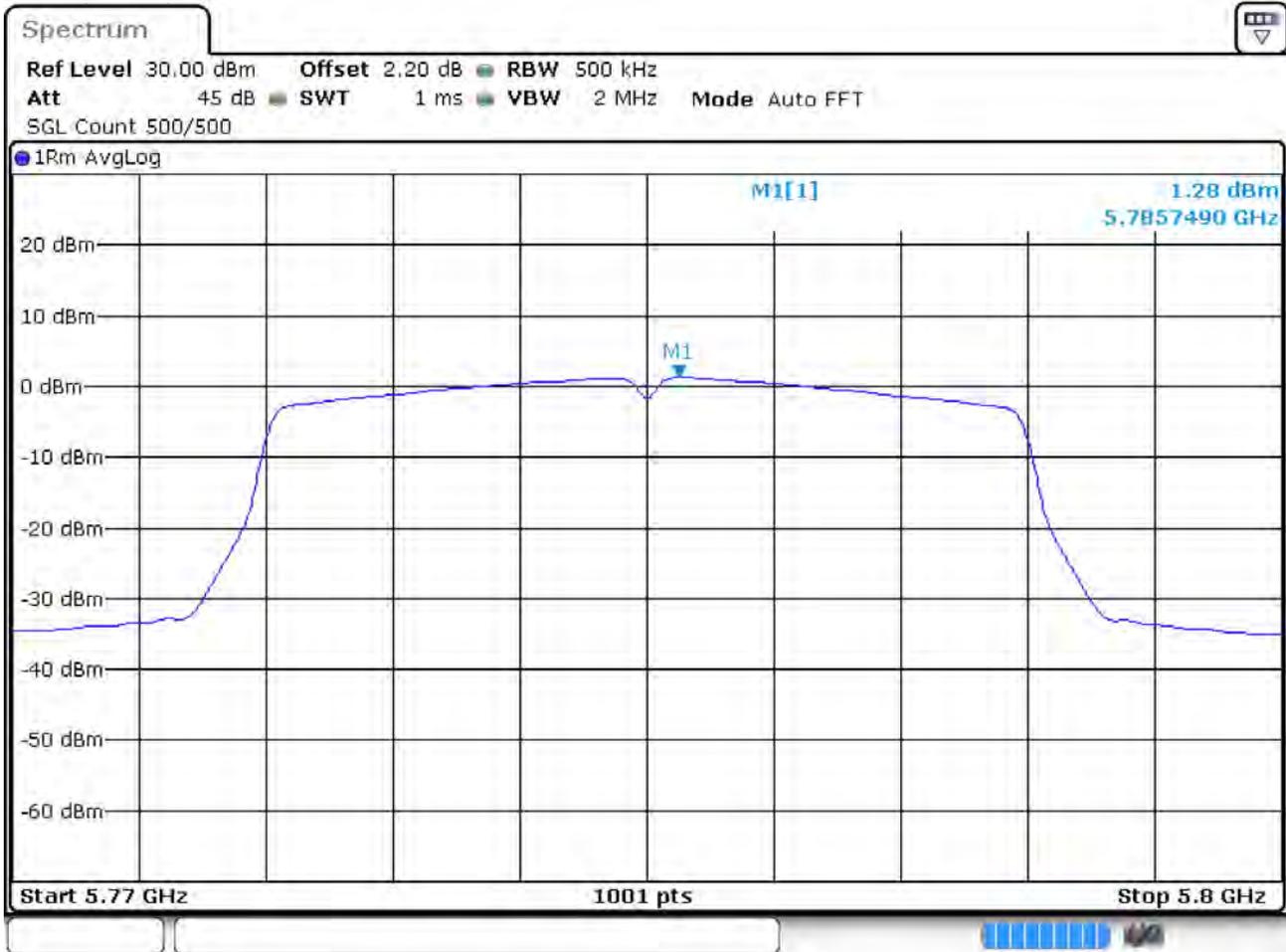


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4.8.2.23 11N20_157 ANT 1



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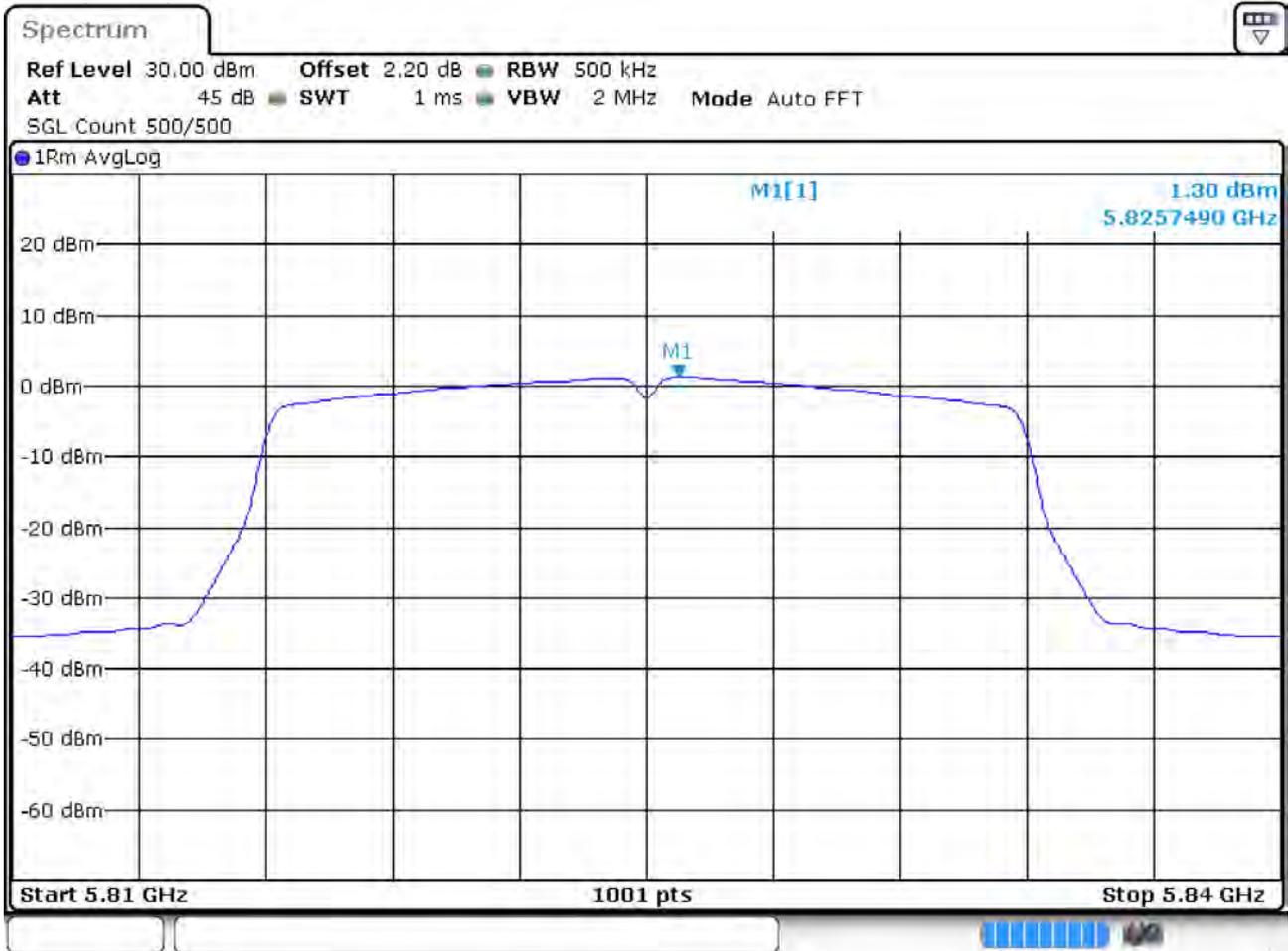


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4.8.2.24 11N20_165 ANT 1



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4.8.2.25 11N40_38 ANT 1



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4.8.2.26 11N40_46 ANT 1



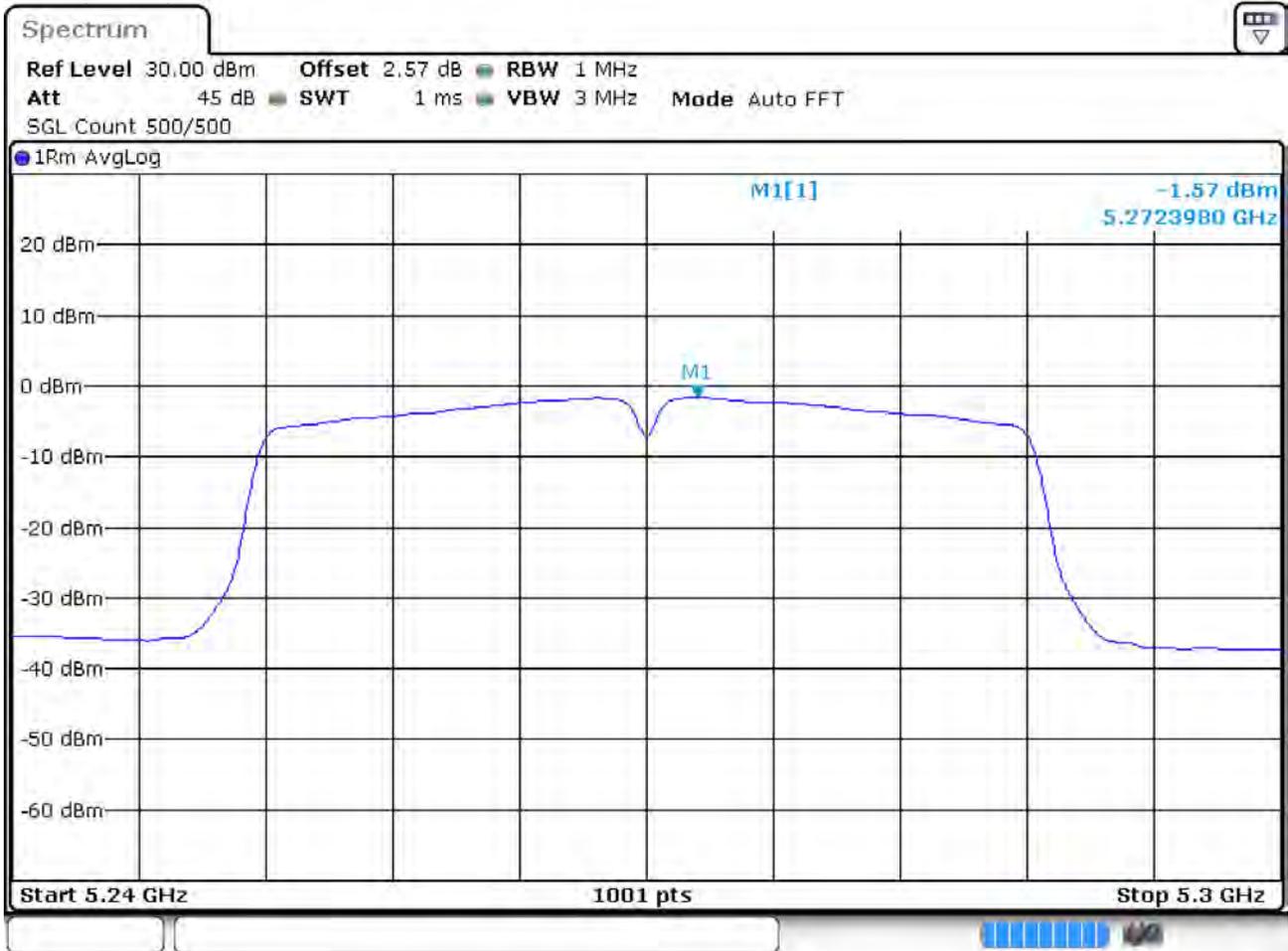
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4.8.2.27 11N40_54 ANT 1



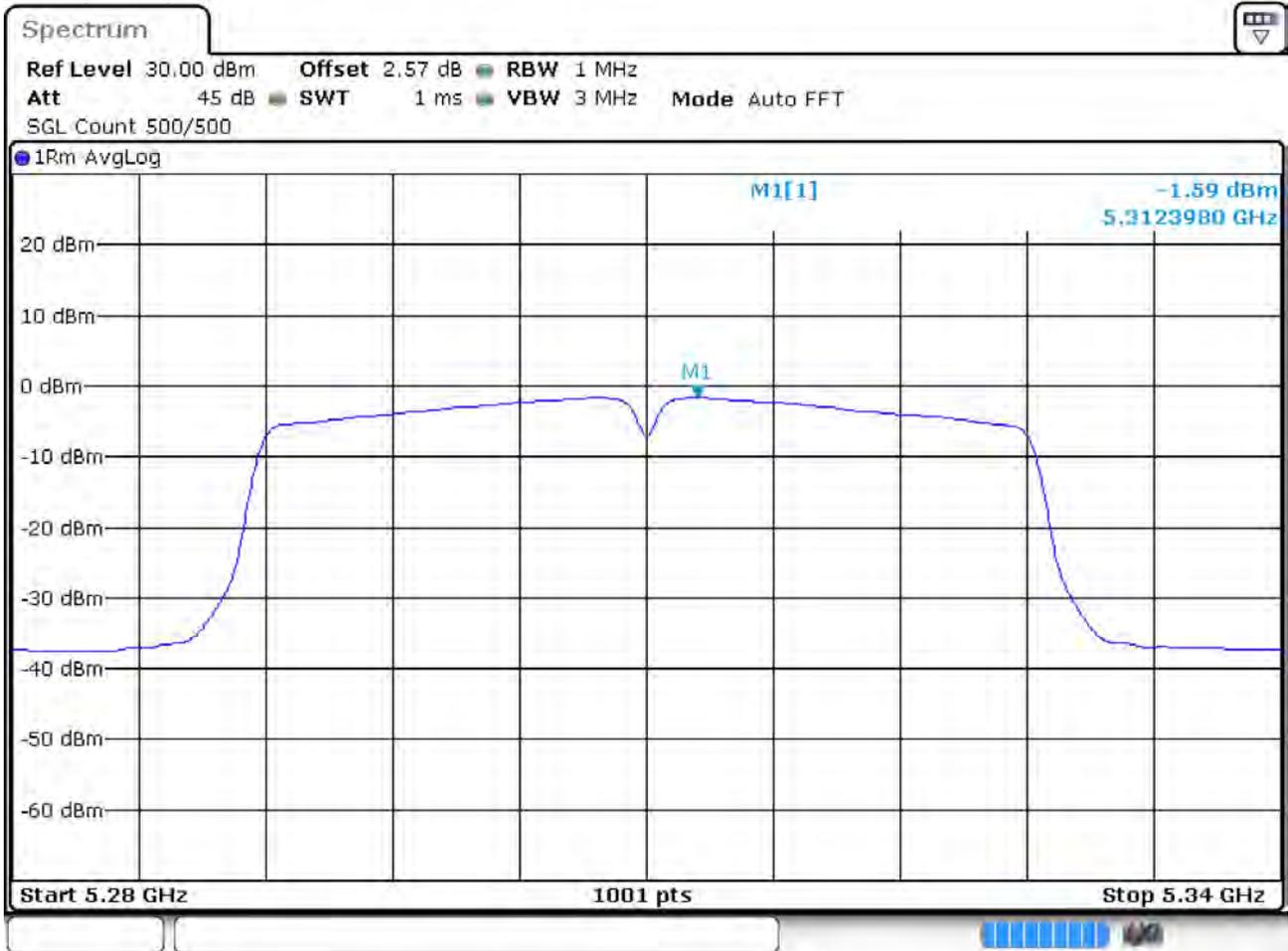
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4.8.2.28 11N40_62 ANT 1



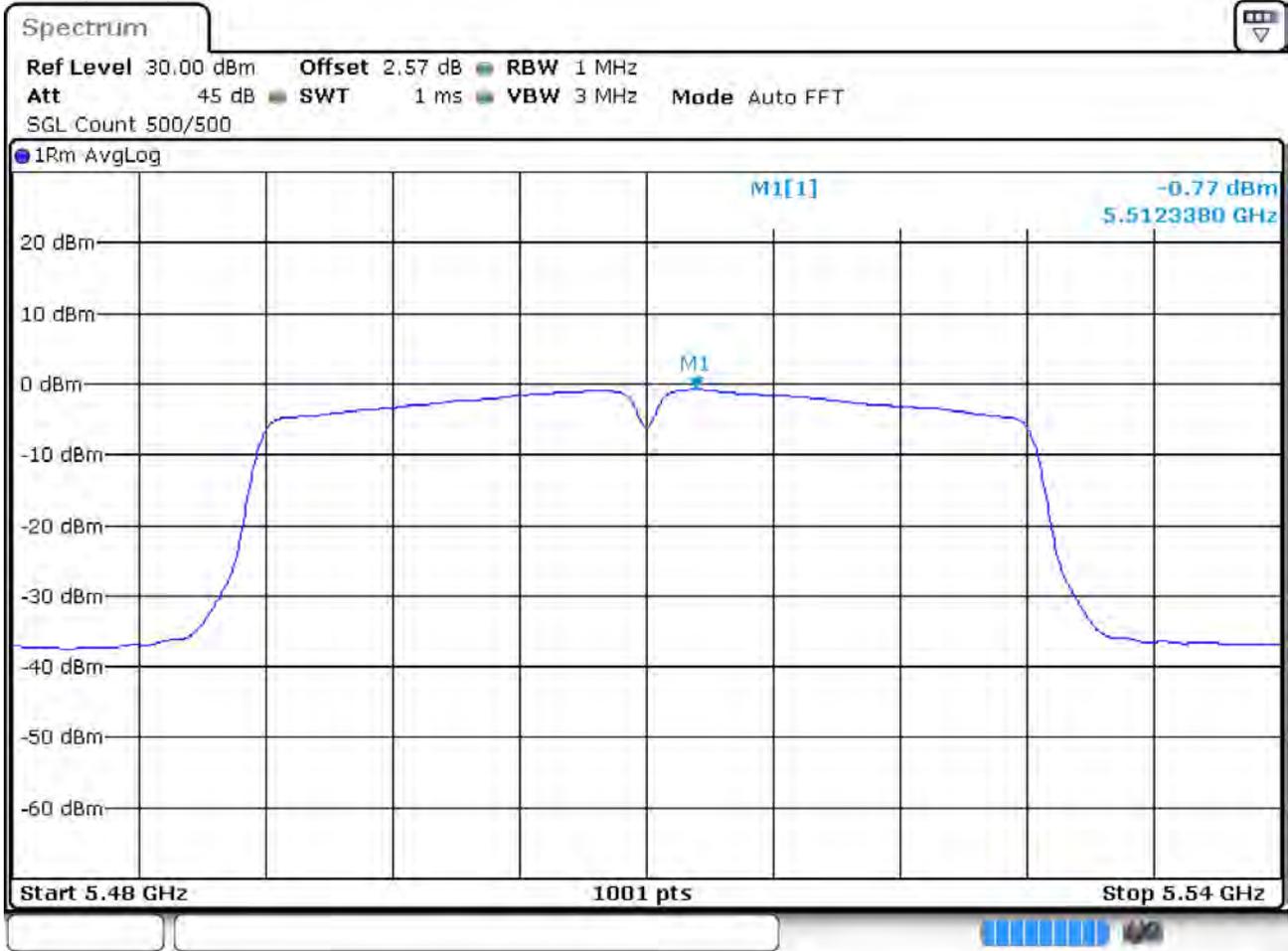
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4.8.2.29 11N40_102 ANT 1



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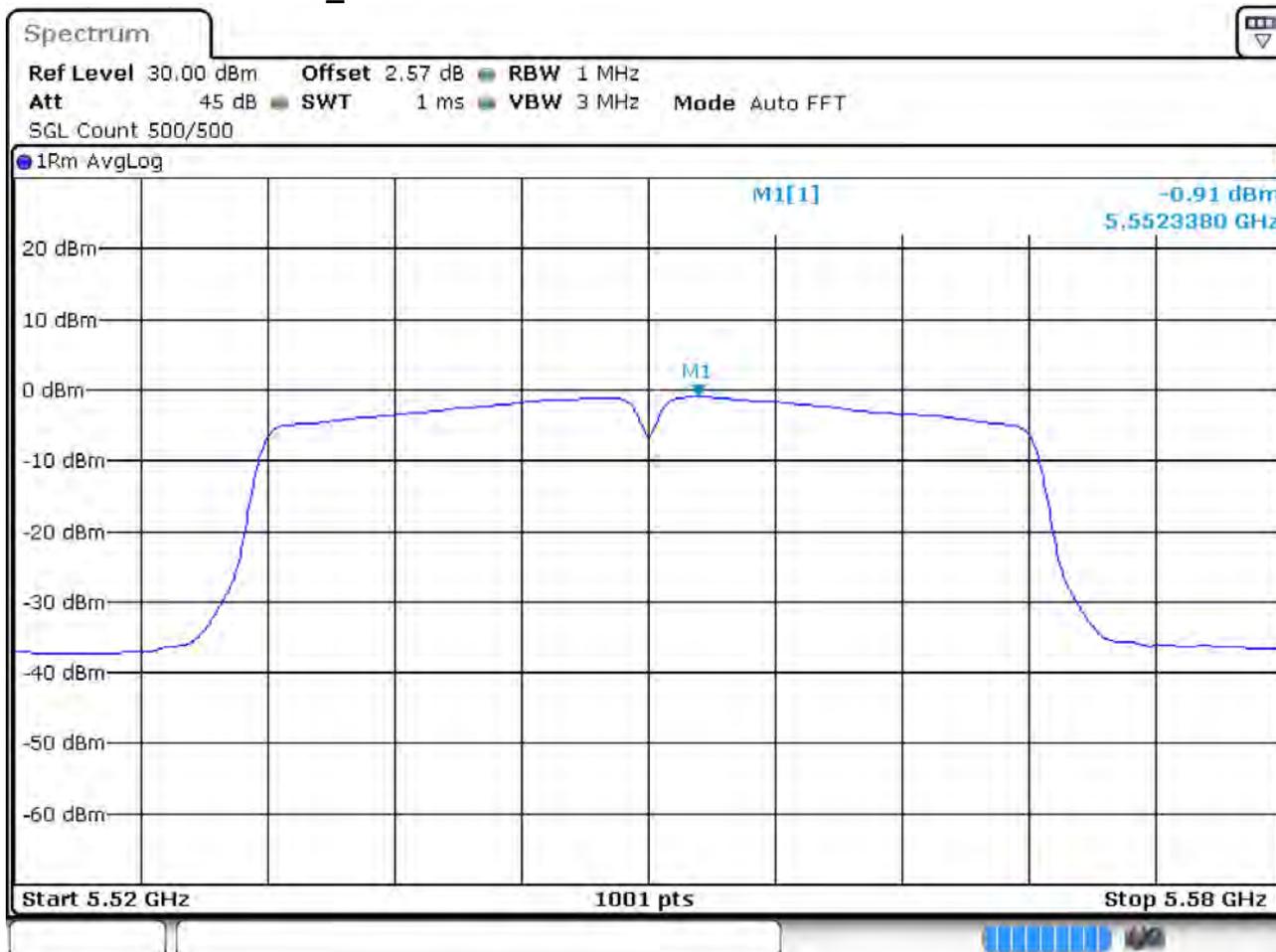


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4.8.2.30 11N40_110 ANT 1



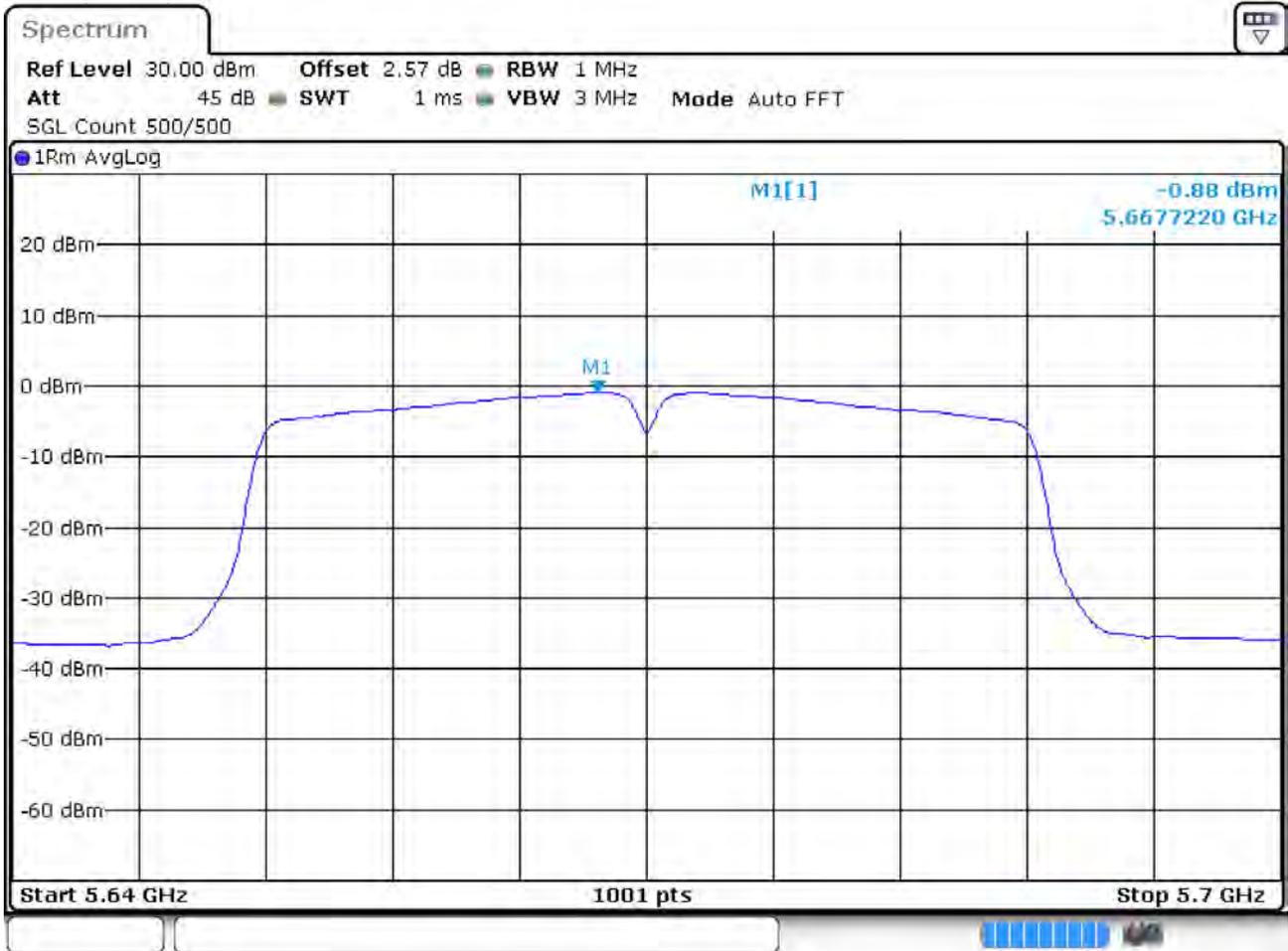
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4.8.2.31 11N40_134 ANT 1



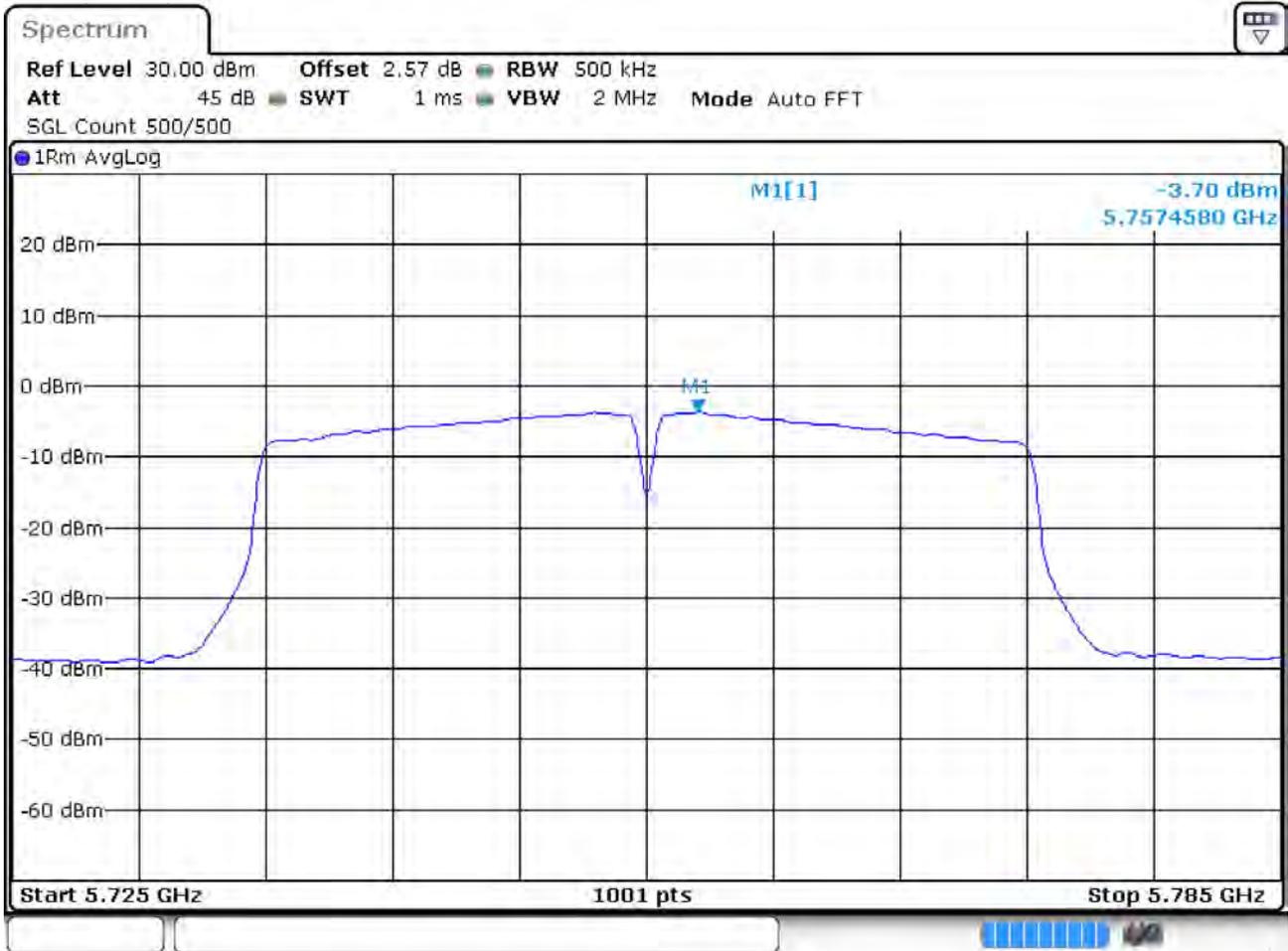
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4.8.2.32 11N40_151 ANT 1



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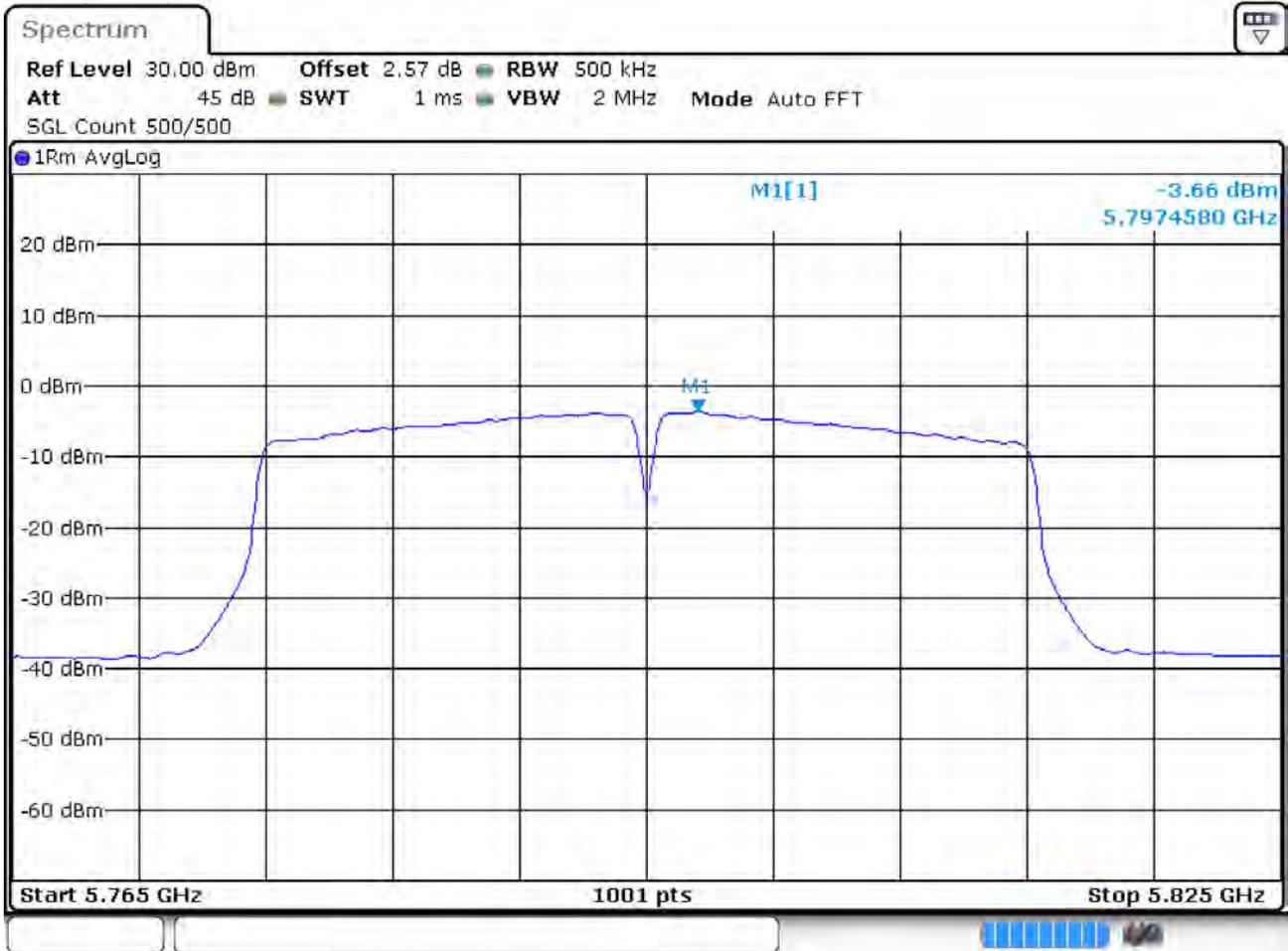


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4.8.2.34 11AC20_36 ANT 1



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4.8.2.35 11AC20_44 ANT 1



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4.8.2.36 11AC20_48 ANT 1



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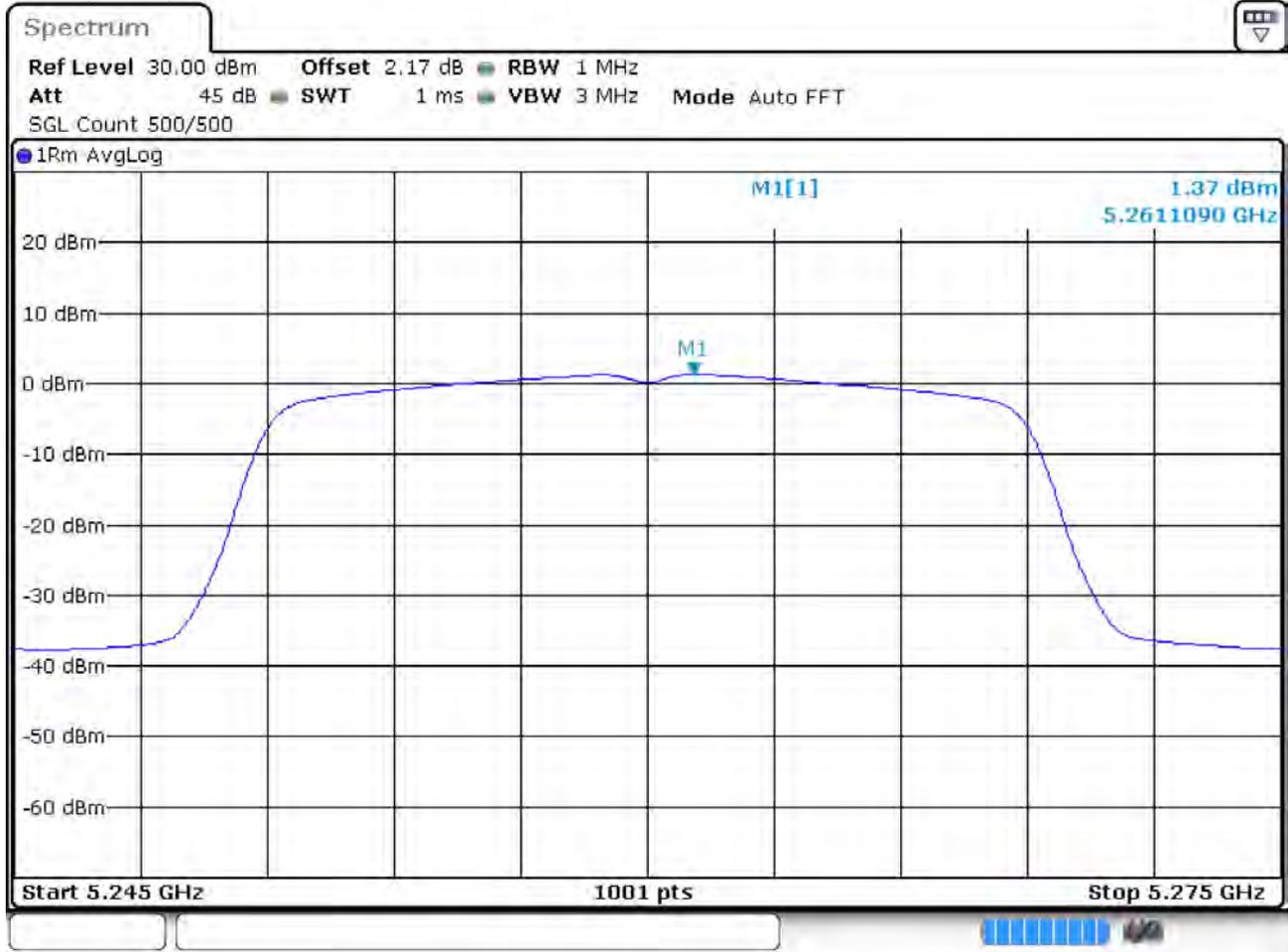


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4.8.2.37 11AC20_52 ANT 1



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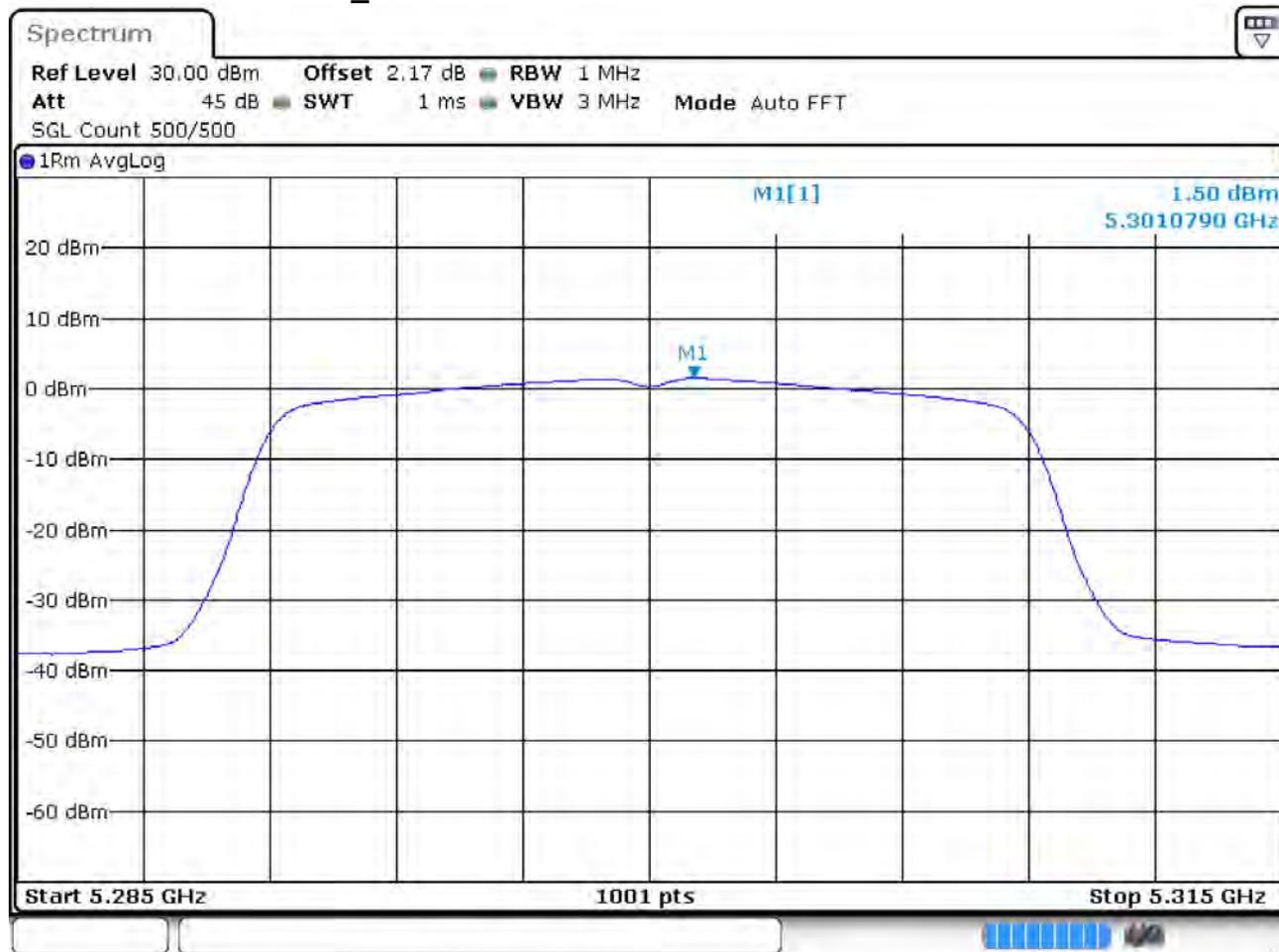
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4.8.2.38 11AC20_60 ANT 1

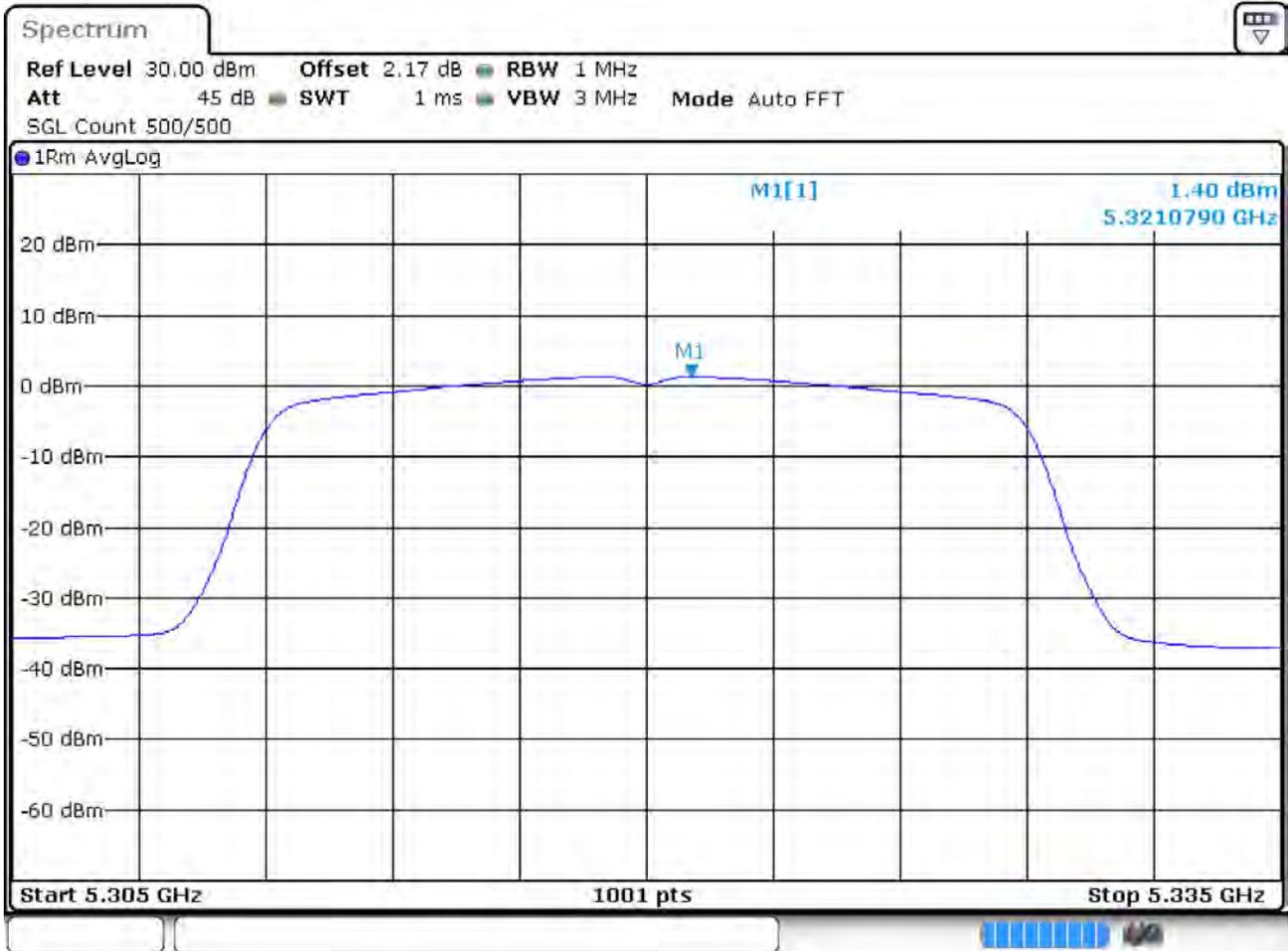


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4.8.2.39 11AC20_64 ANT 1



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4.8.2.40 11AC20_100 ANT 1



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4.8.2.41 11AC20_116 ANT 1



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4.8.2.42 11AC20_140 ANT 1

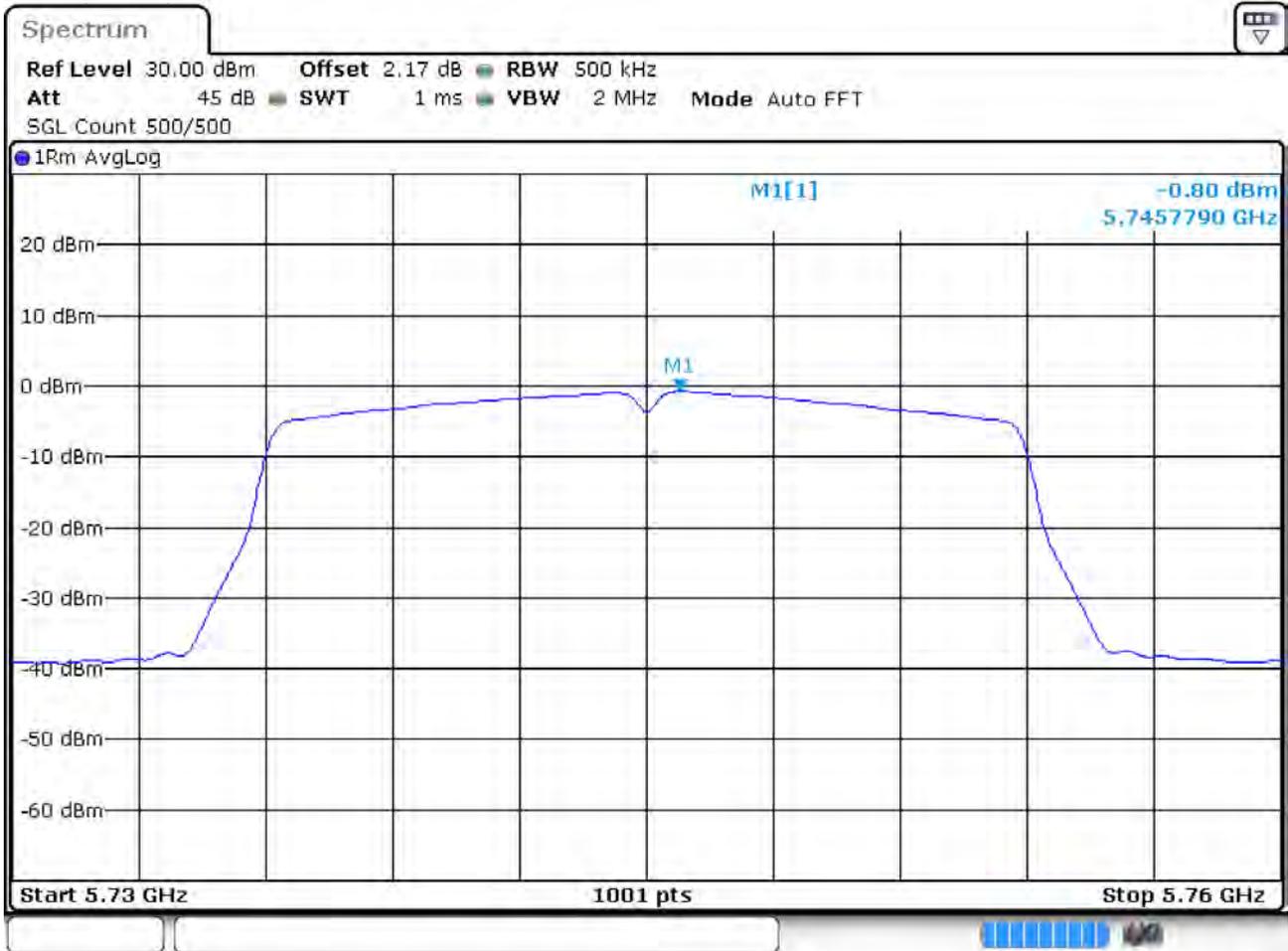


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4.8.2.43 11AC20_149 ANT 1

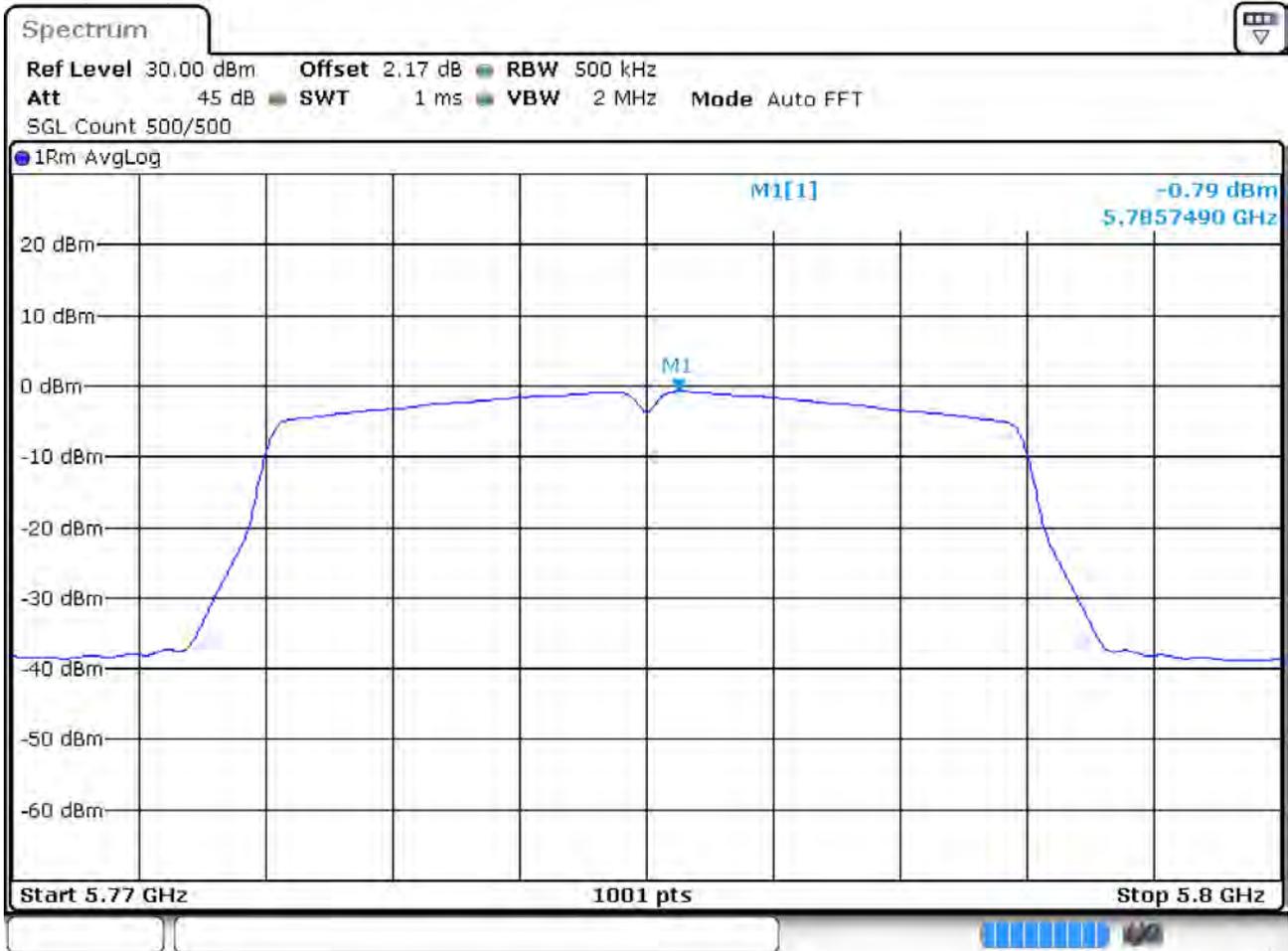


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4.8.2.44 11AC20_157 ANT 1



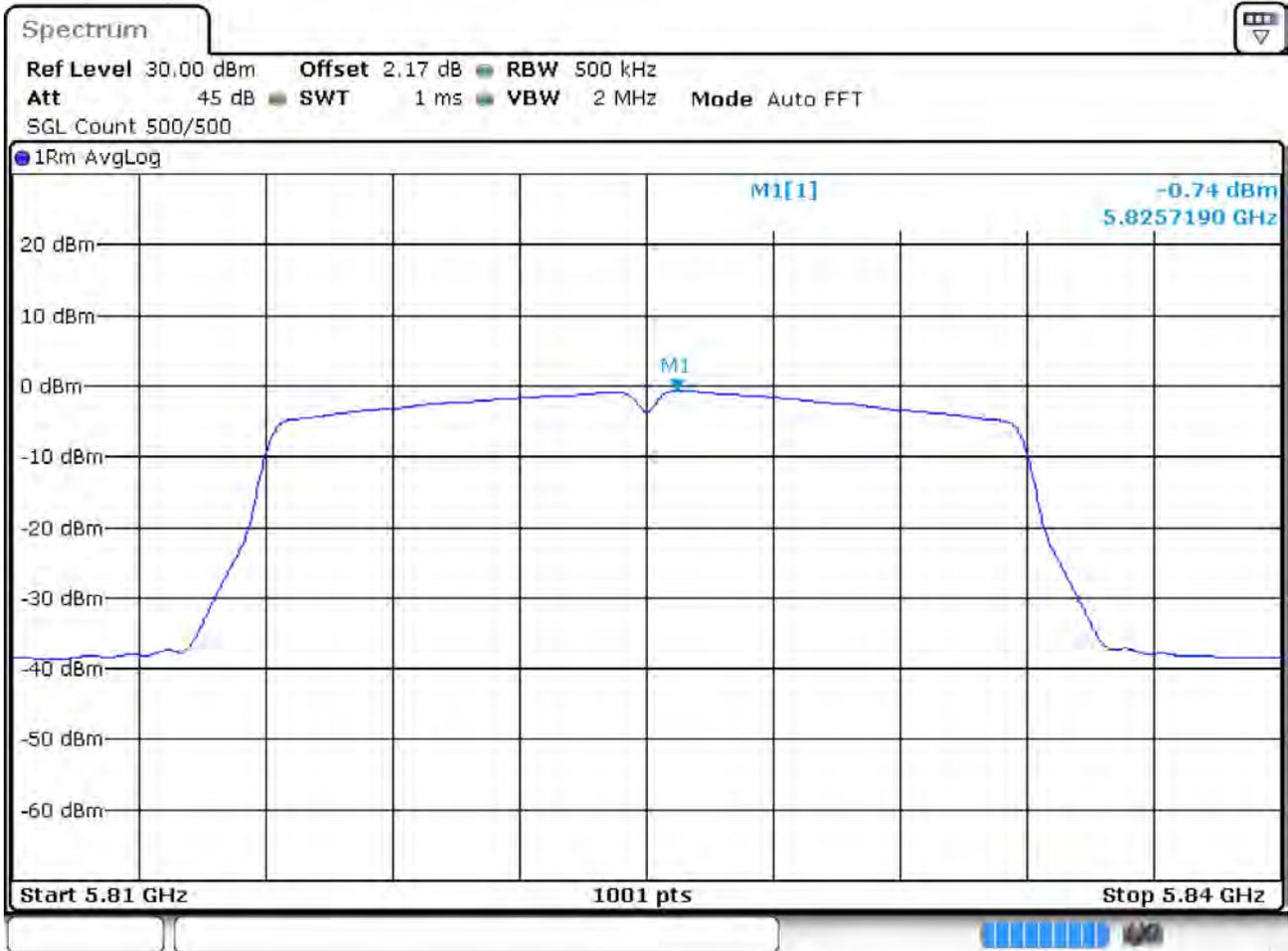
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4.8.2.45 11AC20_165 ANT 1



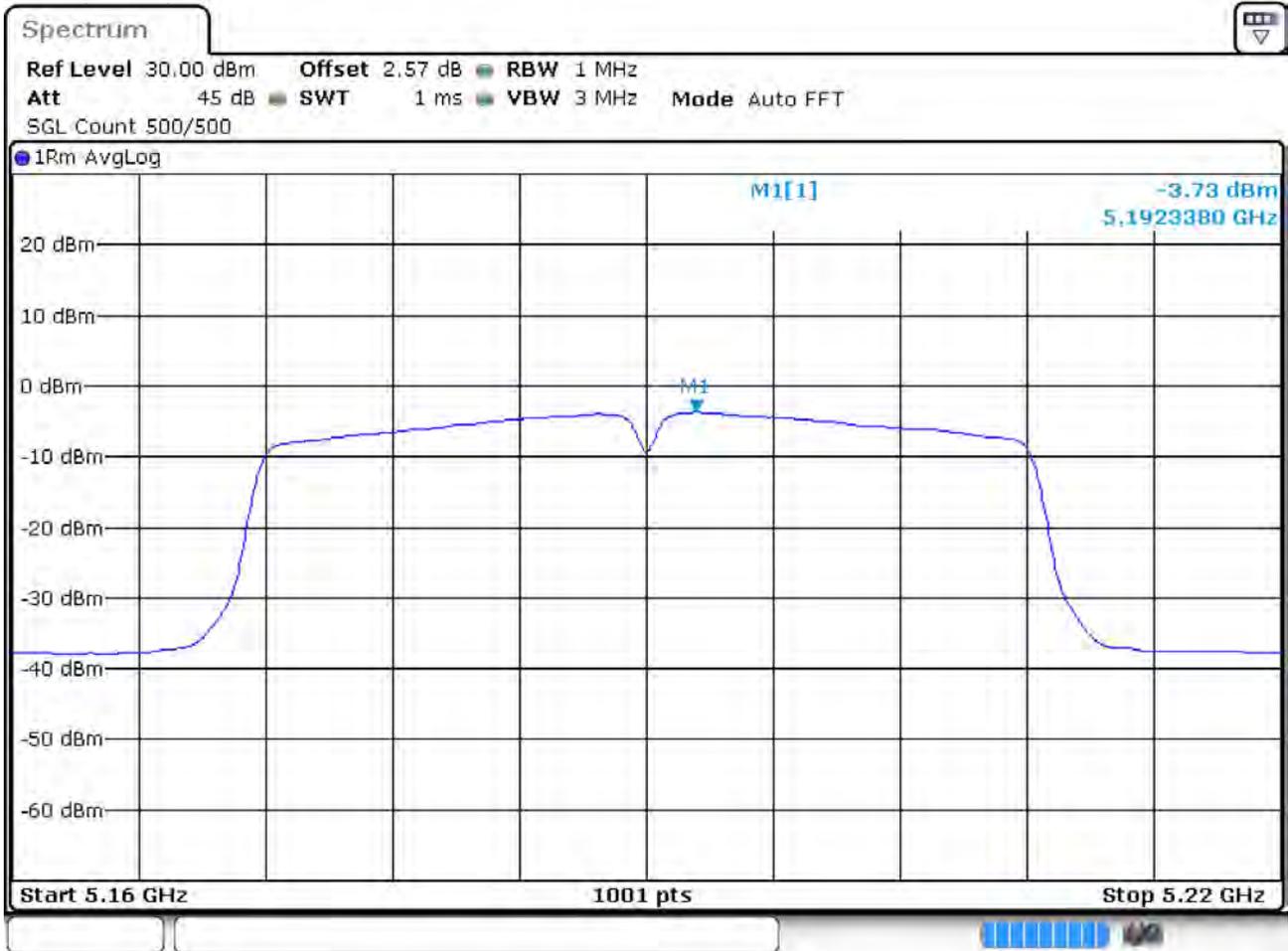
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4.8.2.46 11AC40_38 ANT 1



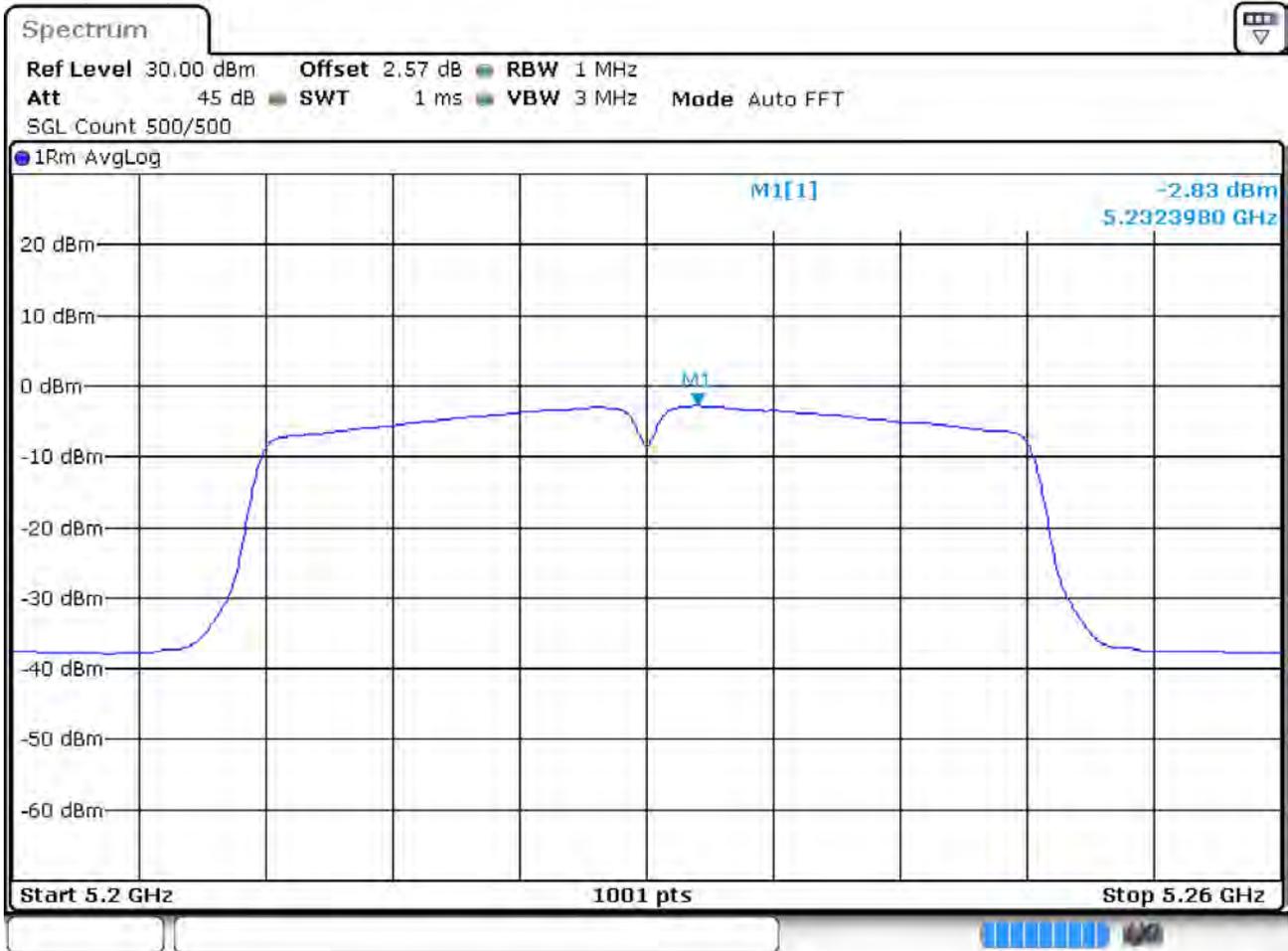
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4.8.2.47 11AC40_46 ANT 1



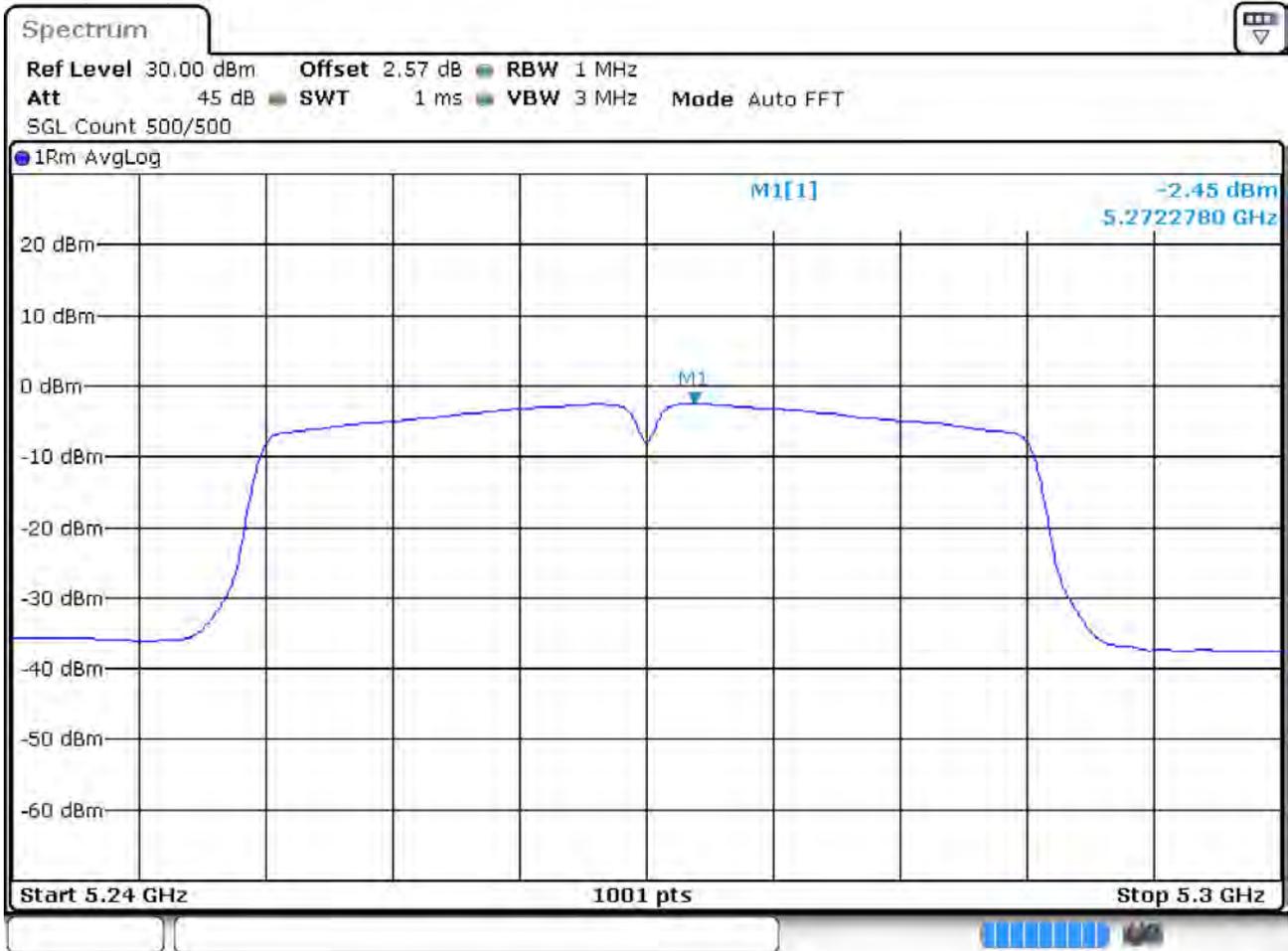
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4.8.2.48 11AC40_54 ANT 1



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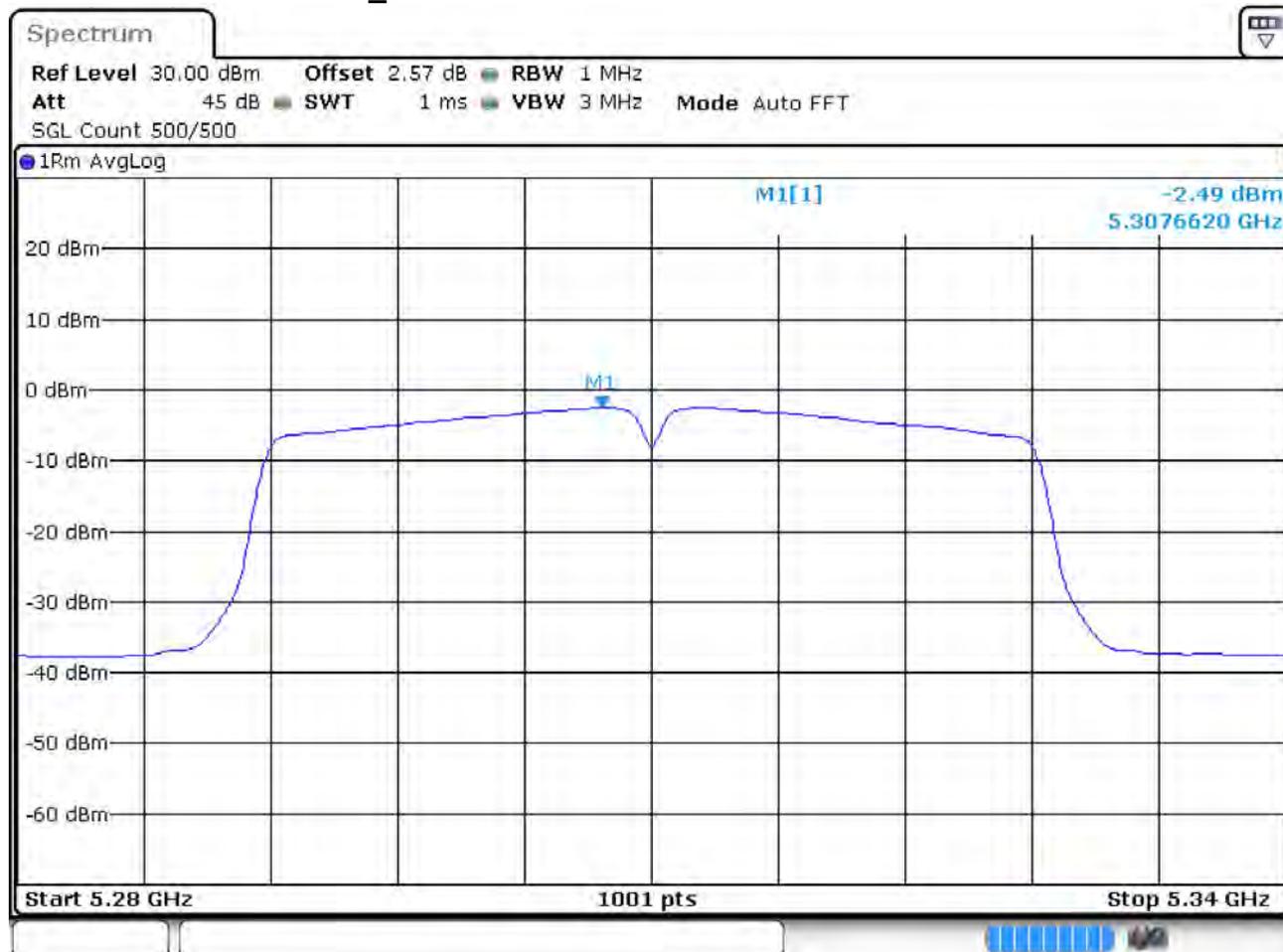
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4.8.2.49 11AC40_62 ANT 1



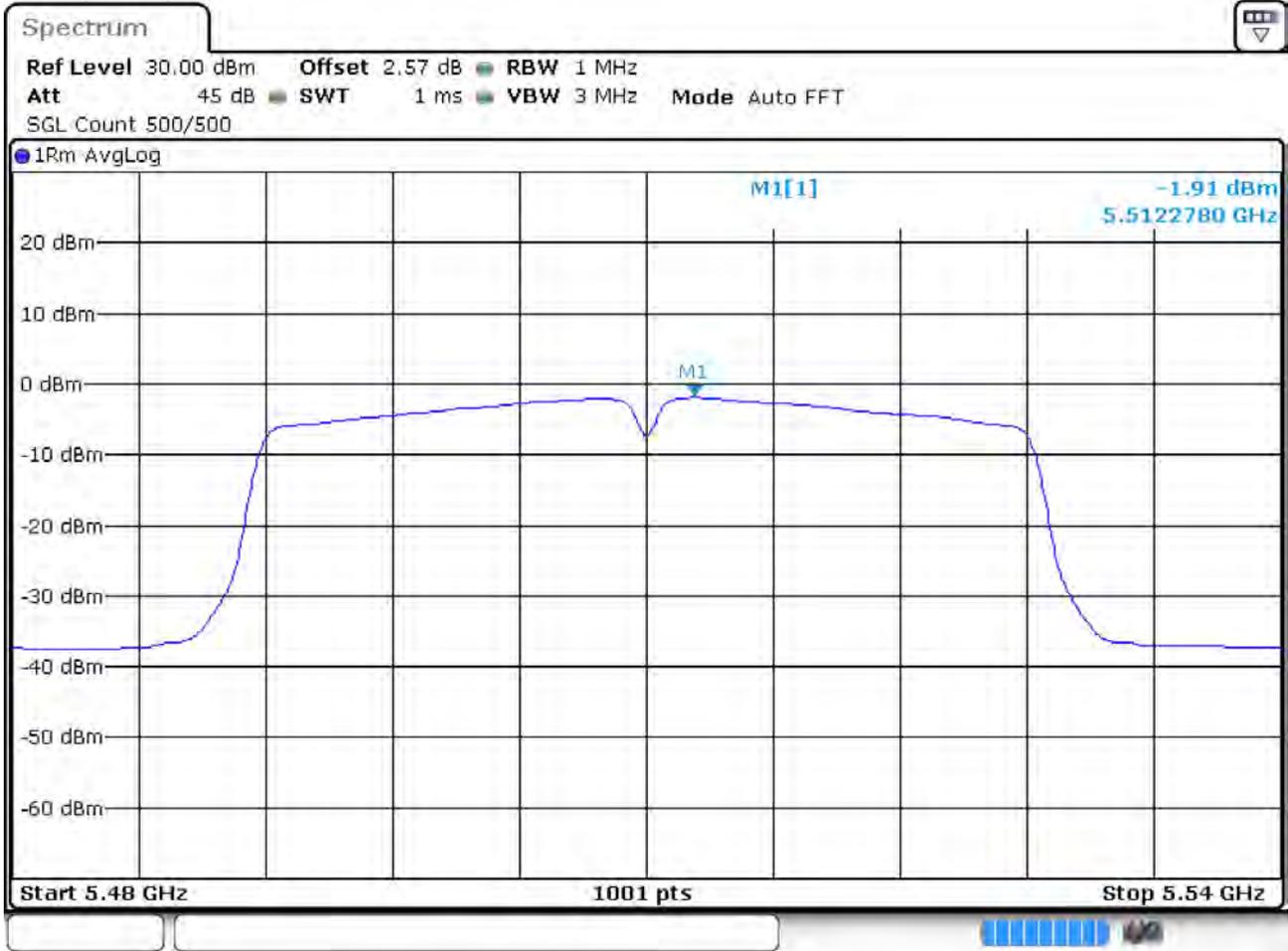
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4.8.2.50 11AC40_102 ANT 1



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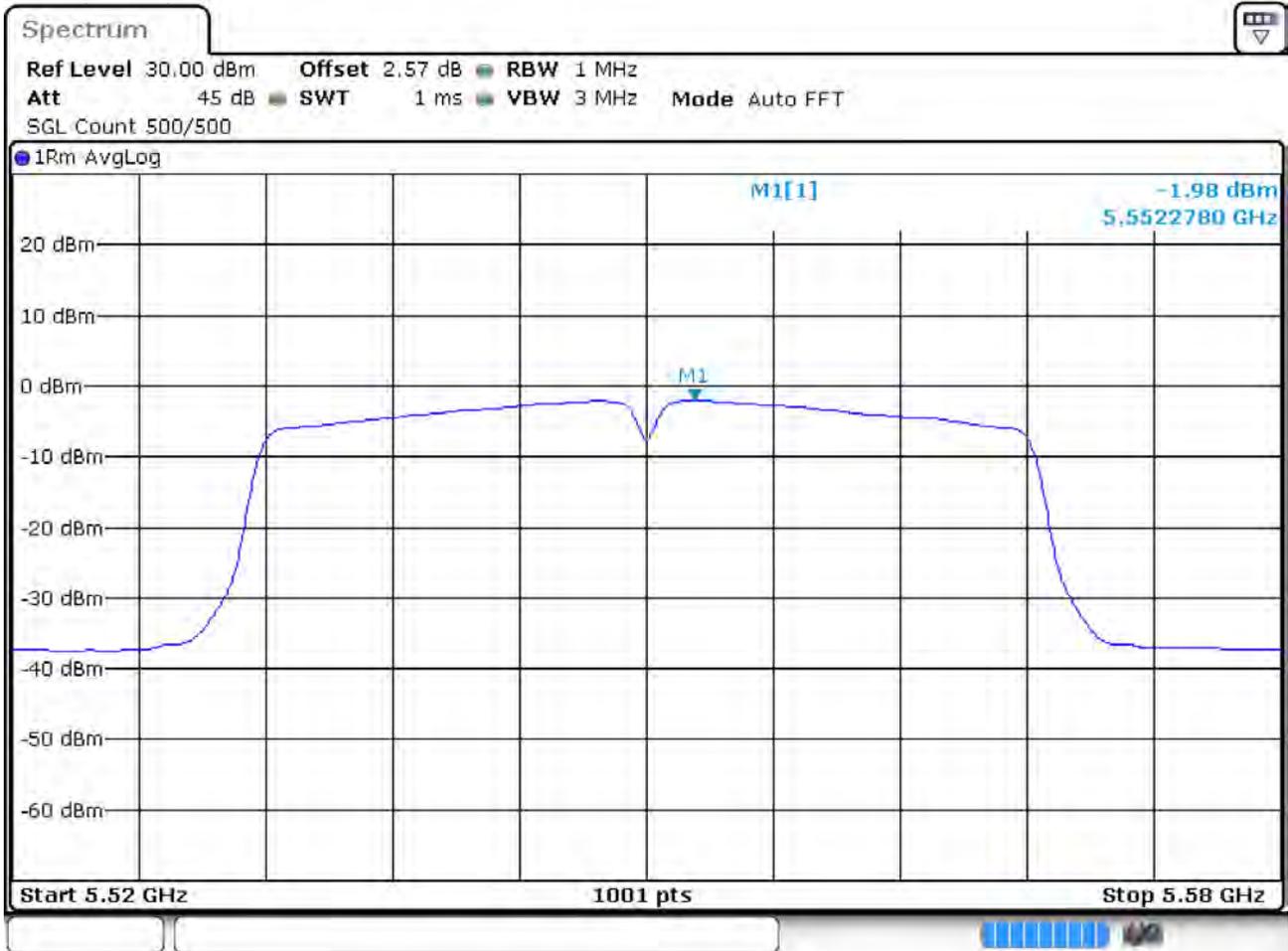


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4.8.2.51 11AC40_110 ANT 1



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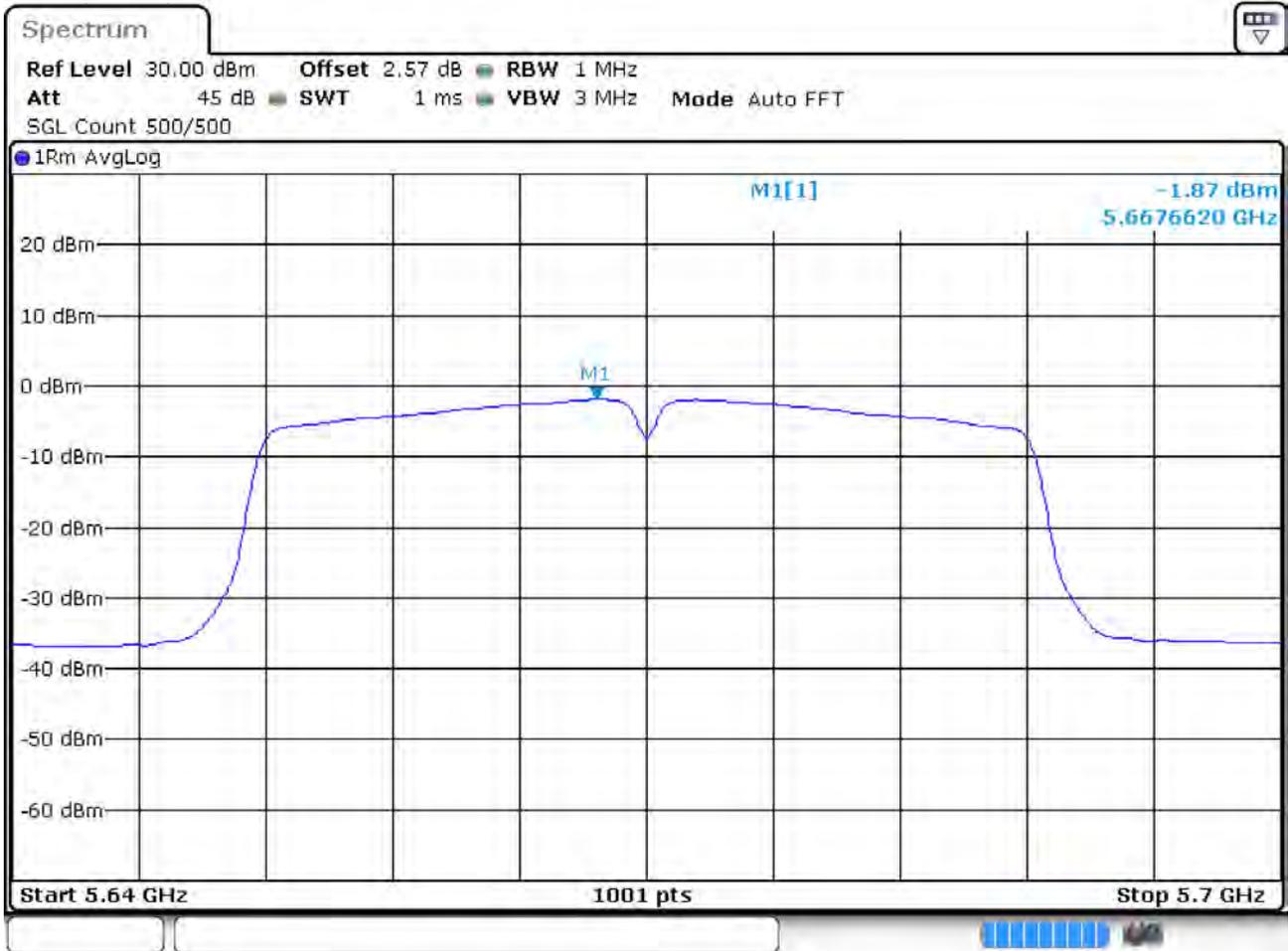


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4.8.2.52 11AC40_134 ANT 1



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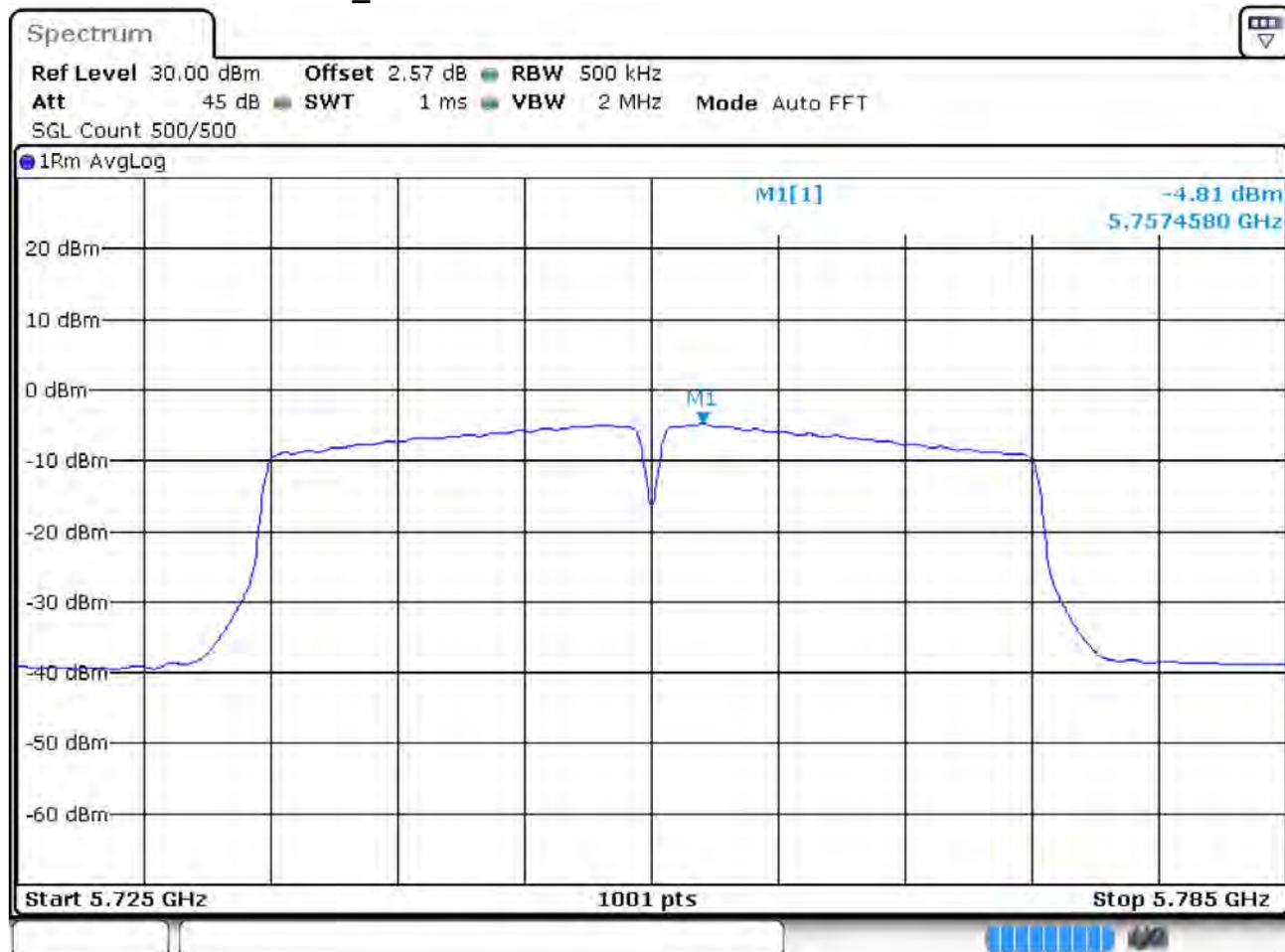


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4.8.2.53 11AC40_151 ANT 1



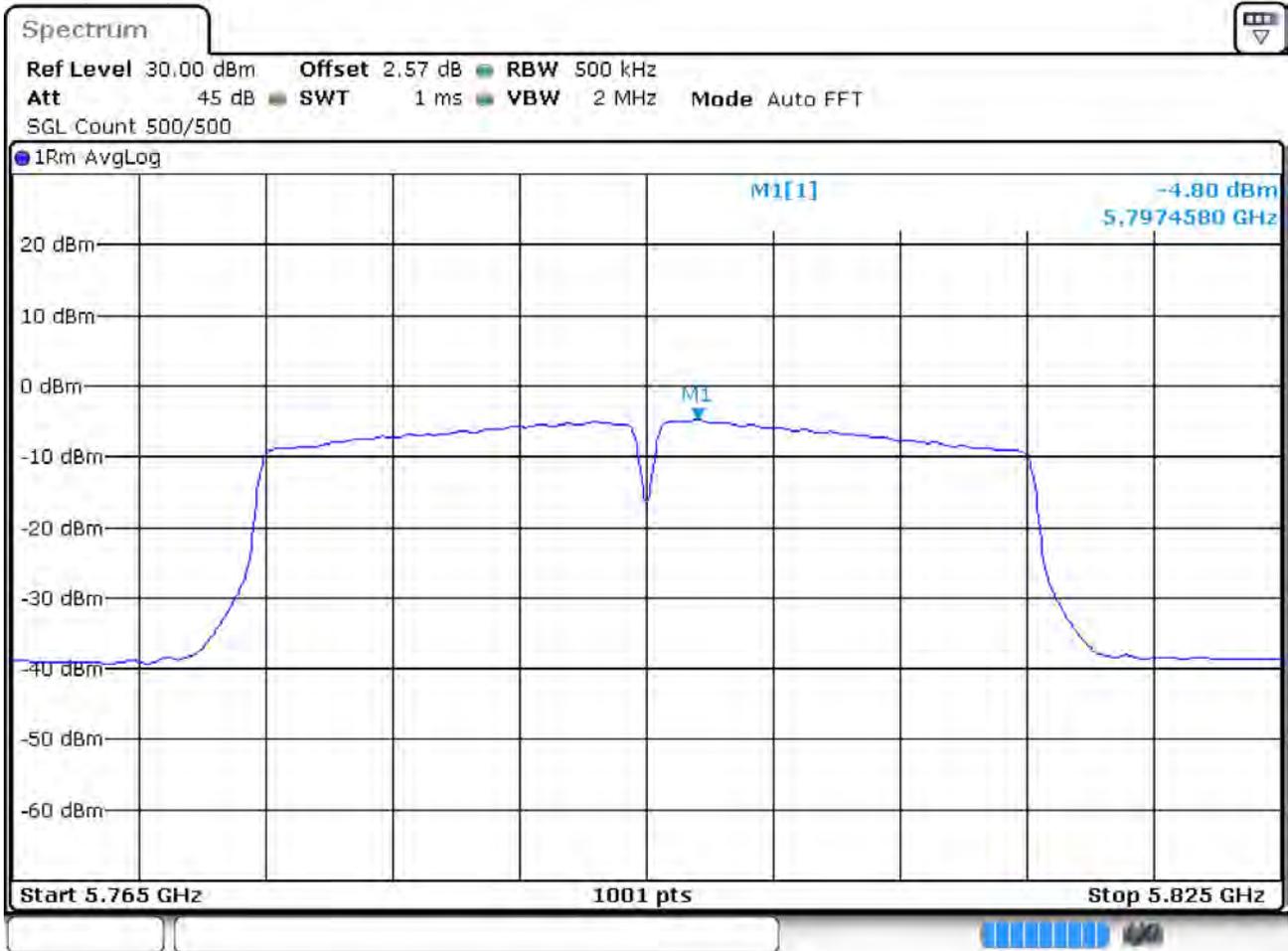
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4.8.2.54 11AC40_159 ANT 1



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4.8.2.55 11AC80_42 ANT 1



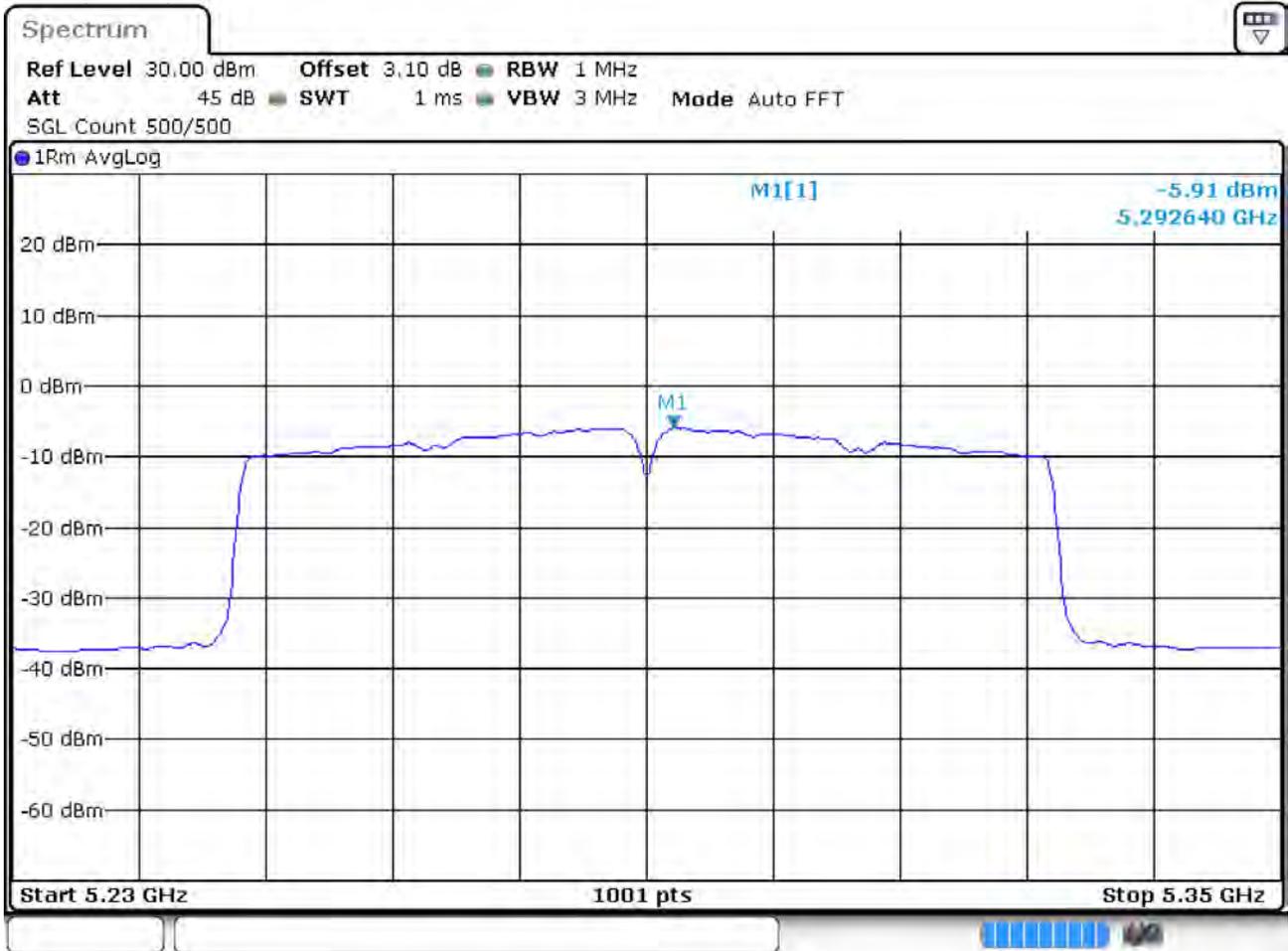
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4.8.2.56 11AC80_58 ANT 1



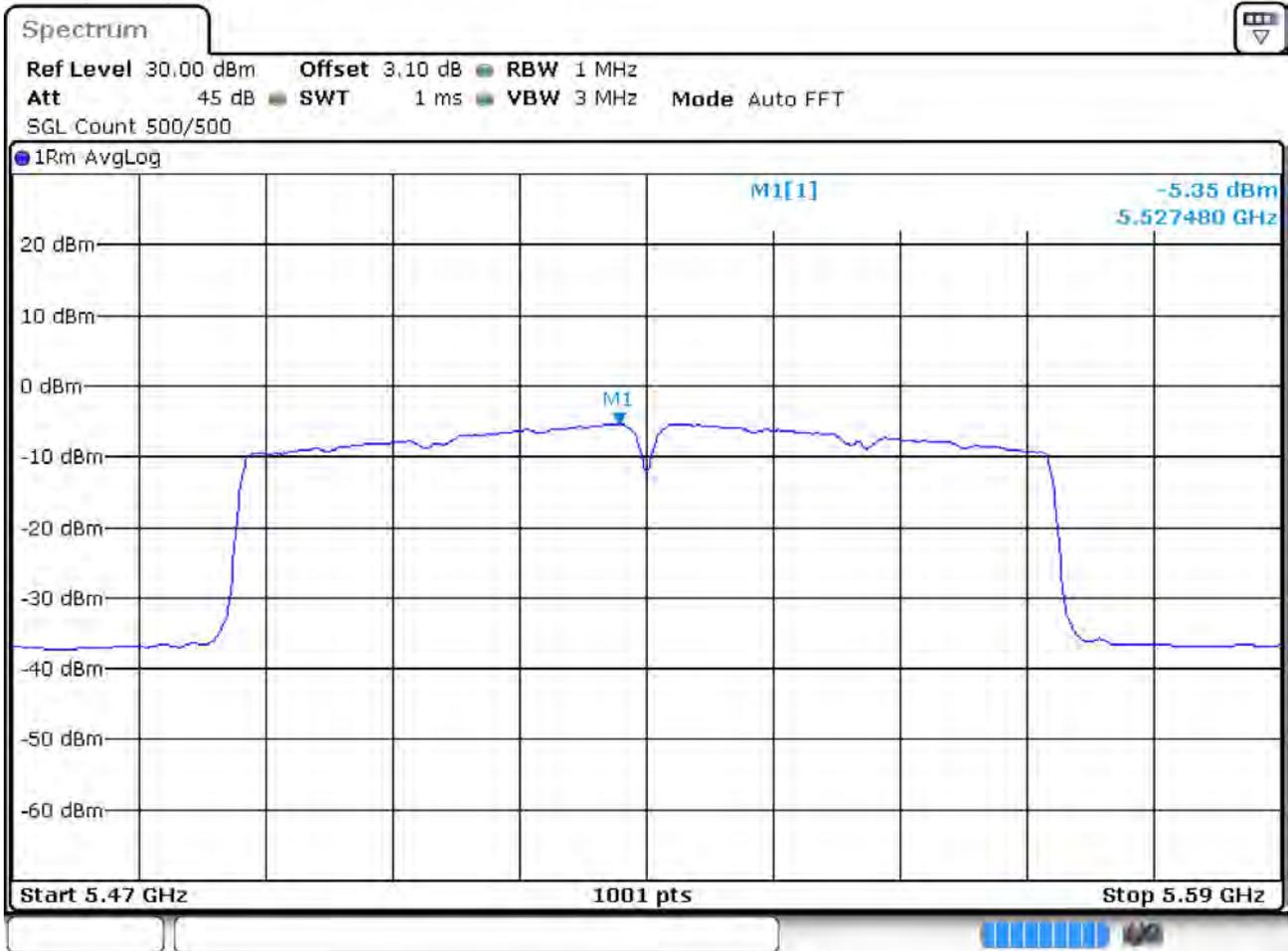
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4.8.2.57 11AC80_106 ANT 1



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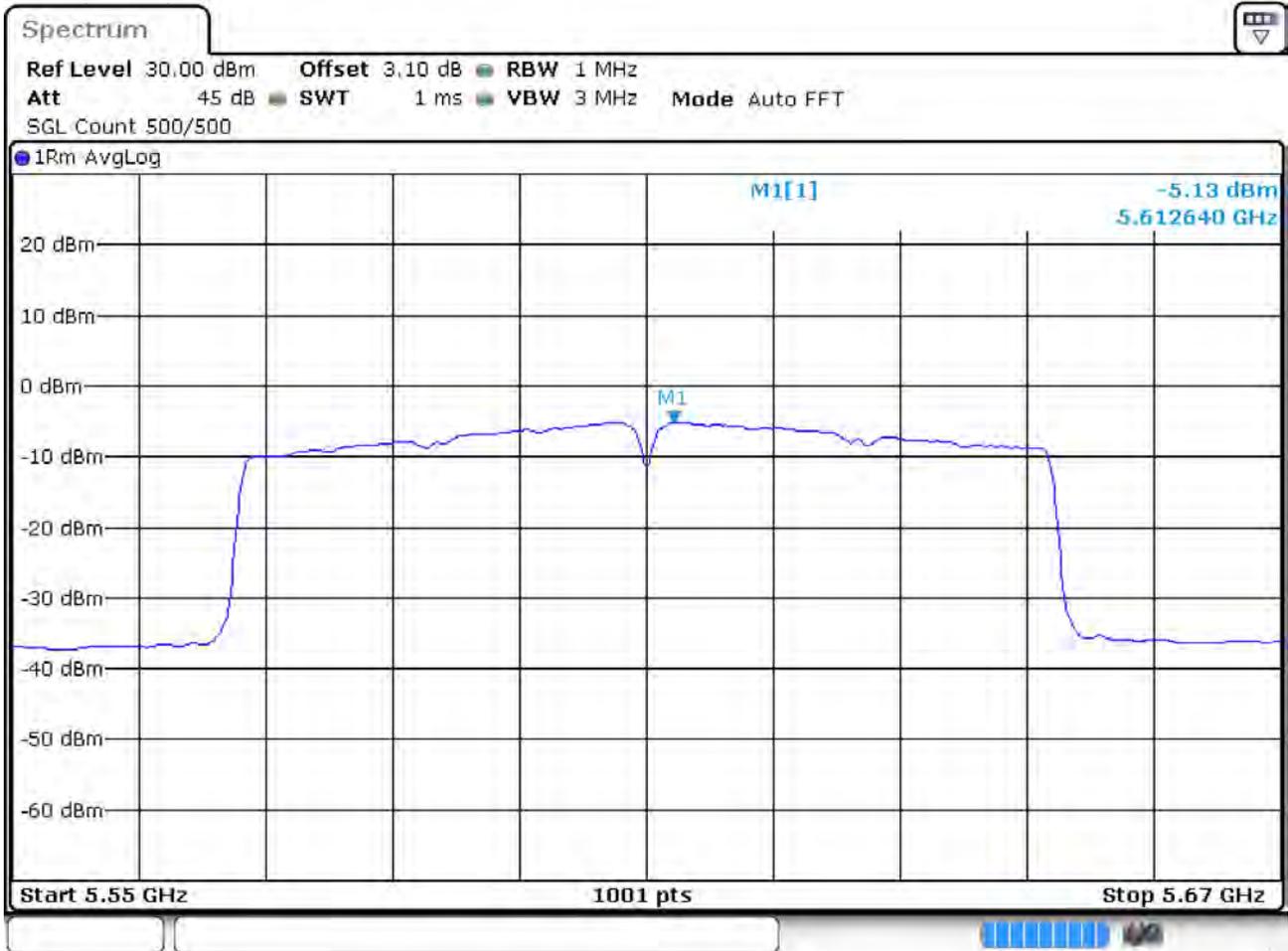


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4.8.2.58 11AC80_122 ANT 1



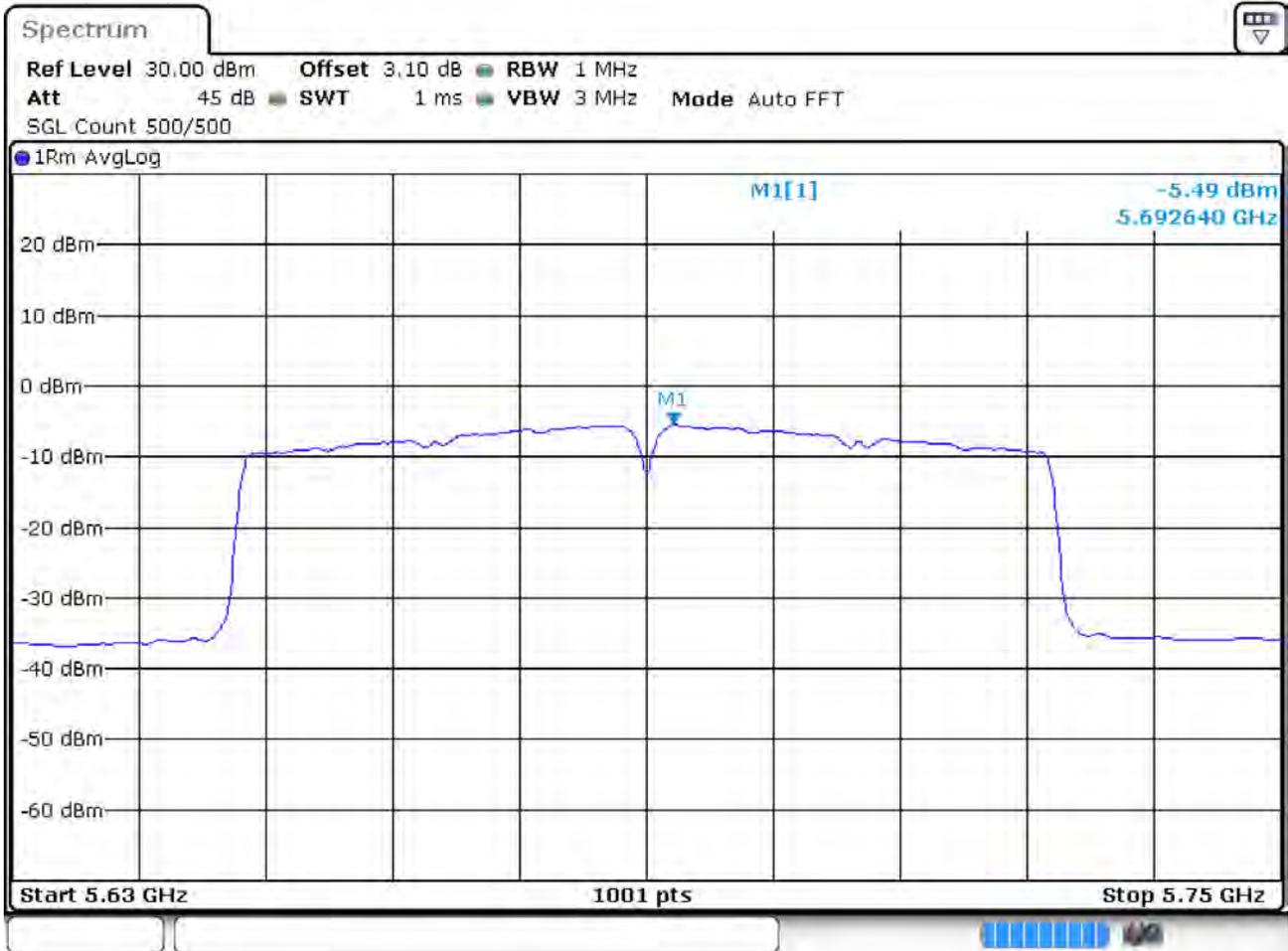
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4.8.2.59 11AC80_138 ANT 1



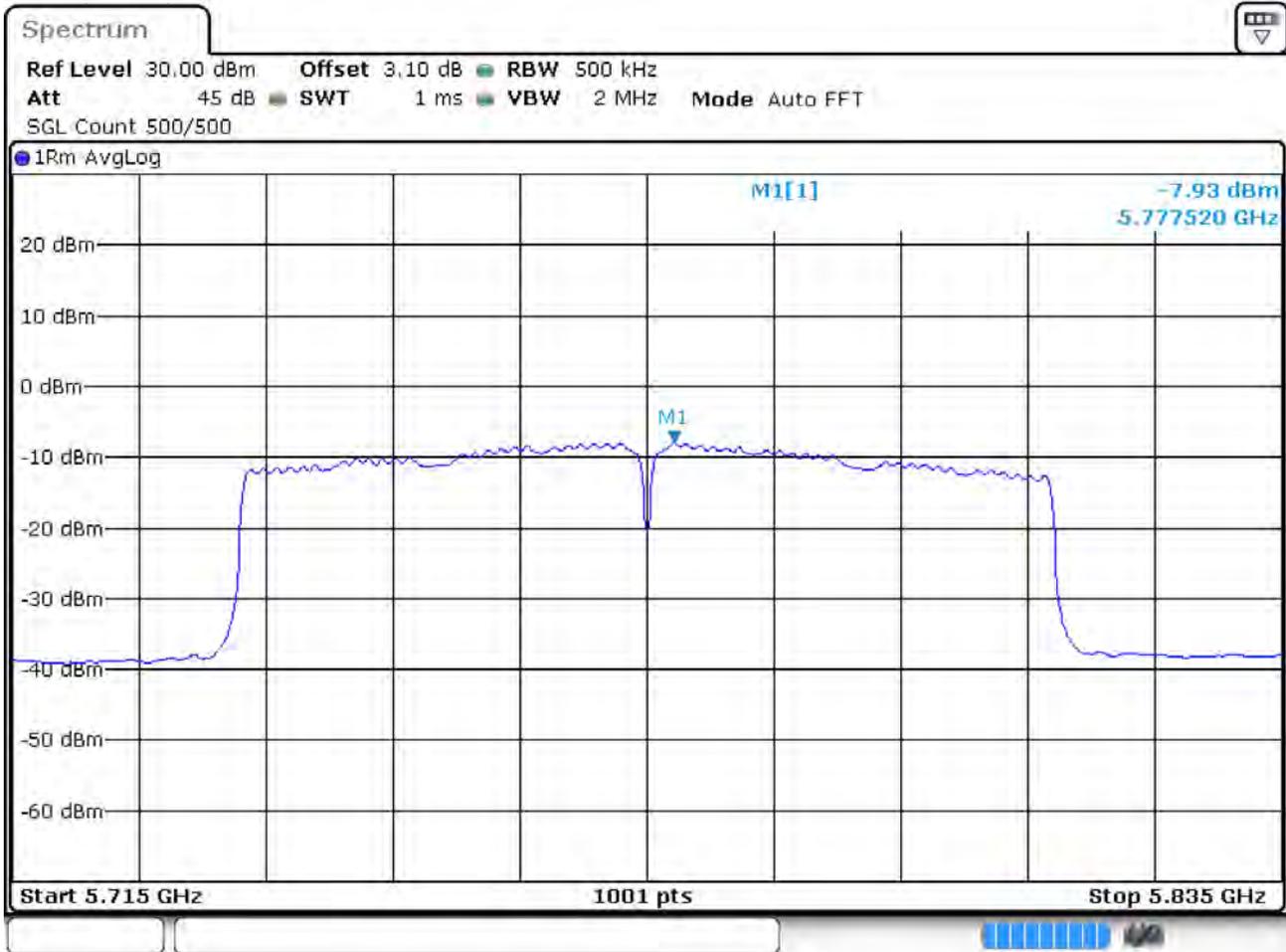
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4.8.2.60 11AC80_155 ANT 1



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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:	

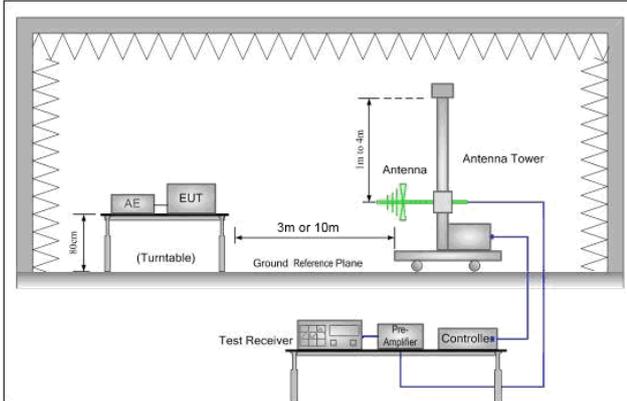


Figure 1. 30MHz to 1GHz

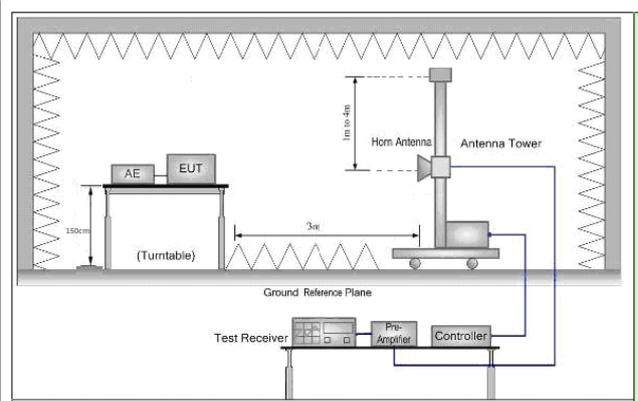


Figure 2.

Above 1 GHz

Test Procedure:

- 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.
- 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.
- 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.
- 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.
- 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.
- The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- Test the EUT in the outermost channels.
- 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.





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Shenzhen Branch**

Report No.: ZR/2020/7000607-01

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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

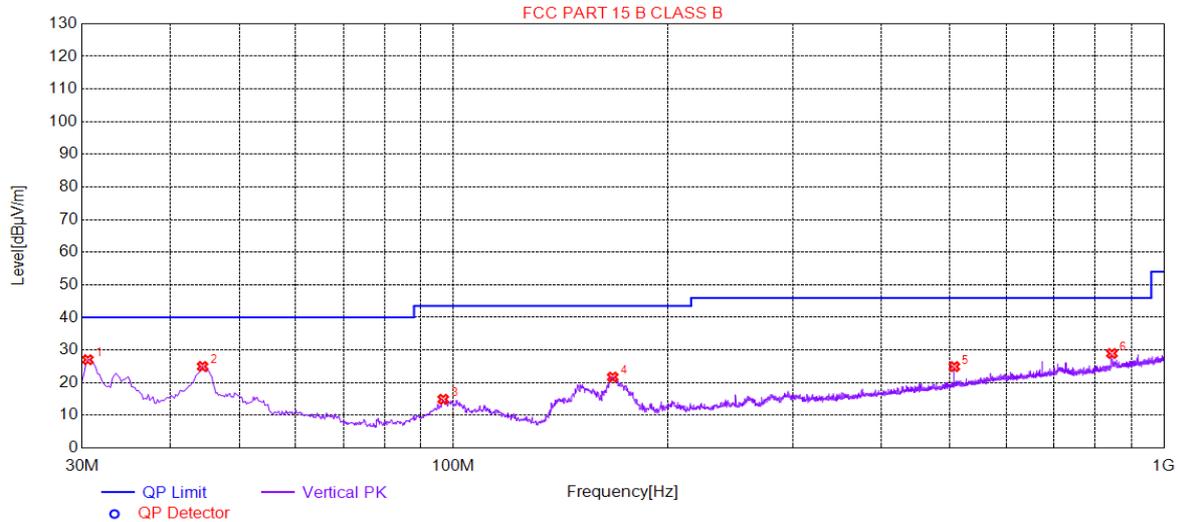


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4.9.1 Radiated emission below 1GHz

30MHz~1GHz (QP)		
Test mode:	Transmitting	Vertical



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	30.5821	27.05	-30.07	40.00	12.95	193	346	Vertical
2	44.3589	25.00	-30.16	40.00	15.00	247	254	Vertical
3	96.7494	14.94	-32.58	43.50	28.56	288	245	Vertical
4	167.573	21.74	-34.18	43.50	21.76	183	346	Vertical
5	506.947	24.95	-23.14	46.00	21.05	259	346	Vertical
6	844.963	28.96	-16.97	46.00	17.04	158	265	Vertical

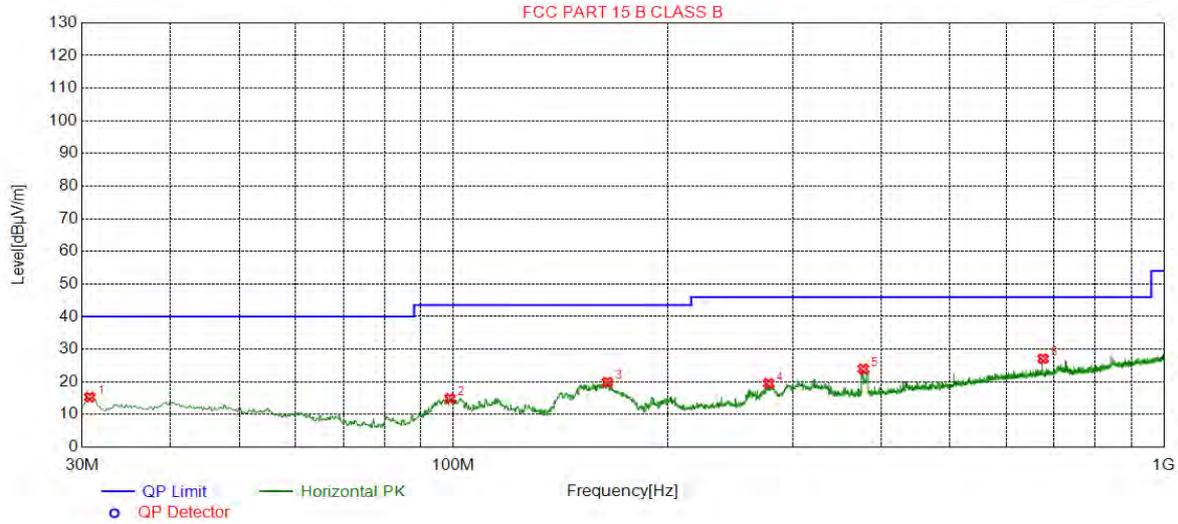


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Test mode:	Transmitting	Horizontal
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Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	30.7762	15.32	-30.06	40.00	24.68	237	253	Horizontal
2	98.8838	14.93	-32.20	43.50	28.57	154	276	Horizontal
3	164.662	19.93	-34.35	43.50	23.57	119	227	Horizontal
4	277.787	19.56	-29.03	46.00	26.44	248	129	Horizontal
5	377.523	23.99	-26.14	46.00	22.01	217	4	Horizontal
6	675.955	27.12	-19.76	46.00	18.88	102	10	Horizontal



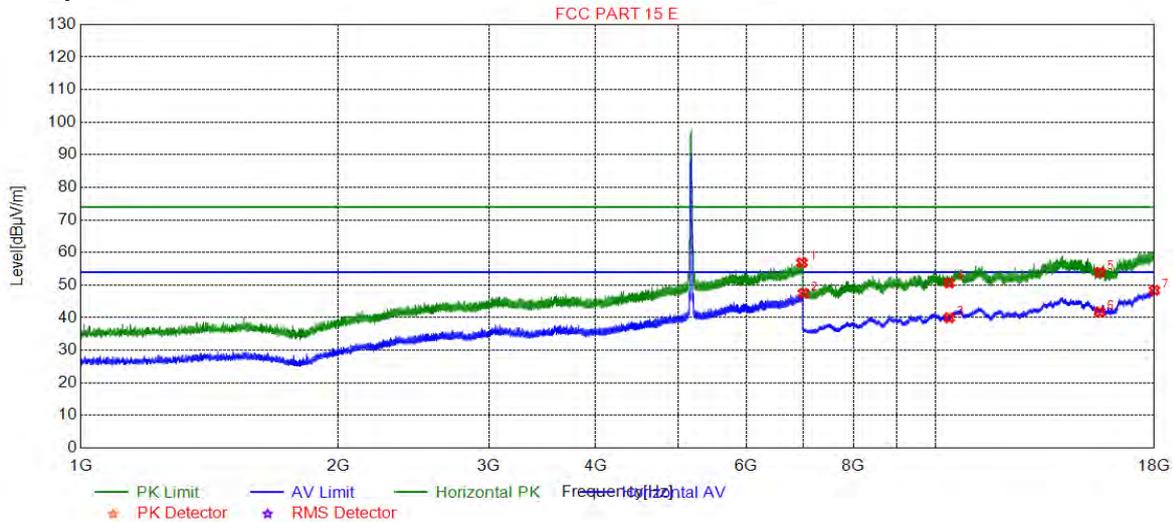
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4.9.2 Transmitter emission above 1GHz
4.9.2.1 802.11A_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6970.89	56.89	21.26	74.00	17.11	178	0	Horizontal
2	6998.19	47.50	21.27	54.00	6.50	221	293	Horizontal
3	10360.0	39.97	-3.63	54.00	14.03	117	0	Horizontal
4	10360.0	50.64	-3.63	74.00	23.36	168	0	Horizontal
5	15540.0	53.92	0.46	74.00	20.08	203	242	Horizontal
6	15540.0	41.75	0.46	54.00	12.25	158	92	Horizontal
7	17993.9	48.41	1.72	54.00	5.59	122	142	Horizontal

Final Data List



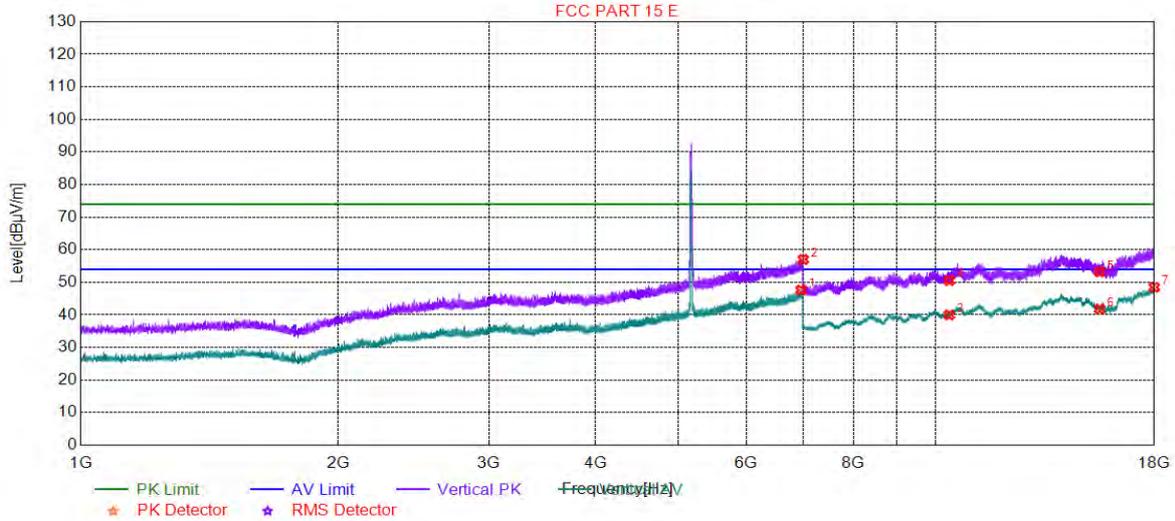
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4.9.2.2 802.11A_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6952.59	47.62	21.26	54.00	6.38	184	168	Vertical
2	6994.29	57.04	21.27	74.00	16.96	289	218	Vertical
3	10360.0	39.99	-3.63	54.00	14.01	166	268	Vertical
4	10360.0	50.54	-3.63	74.00	23.46	270	360	Vertical
5	15540.0	53.21	0.46	74.00	20.79	236	318	Vertical
6	15540.0	41.81	0.46	54.00	12.19	216	168	Vertical
7	17993.3	48.49	1.72	54.00	5.51	255	360	Vertical

Final Data List



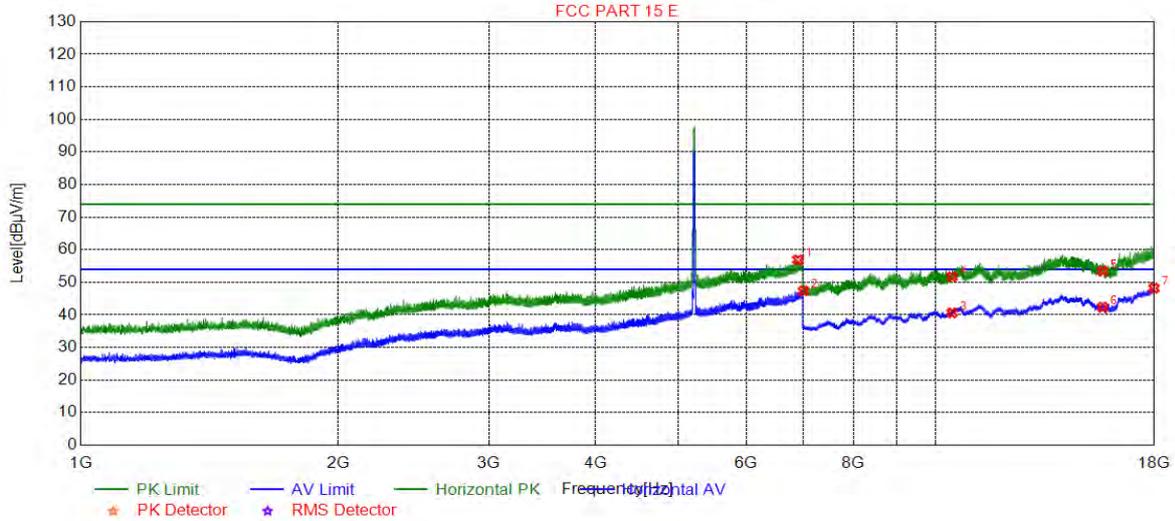
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4.9.2.3 802.11A_Channel 44

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6897.39	56.90	20.81	74.00	17.10	175	190	Horizontal
2	6999.40	47.38	21.27	54.00	6.62	205	190	Horizontal
3	10440.0	40.62	-3.24	54.00	13.38	116	89	Horizontal
4	10440.0	51.72	-3.24	74.00	22.28	172	0	Horizontal
5	15660.0	53.46	0.43	74.00	20.54	241	188	Horizontal
6	15660.0	42.36	0.43	54.00	11.64	178	139	Horizontal
7	17975.2	48.21	1.71	54.00	5.79	218	188	Horizontal

Final Data List



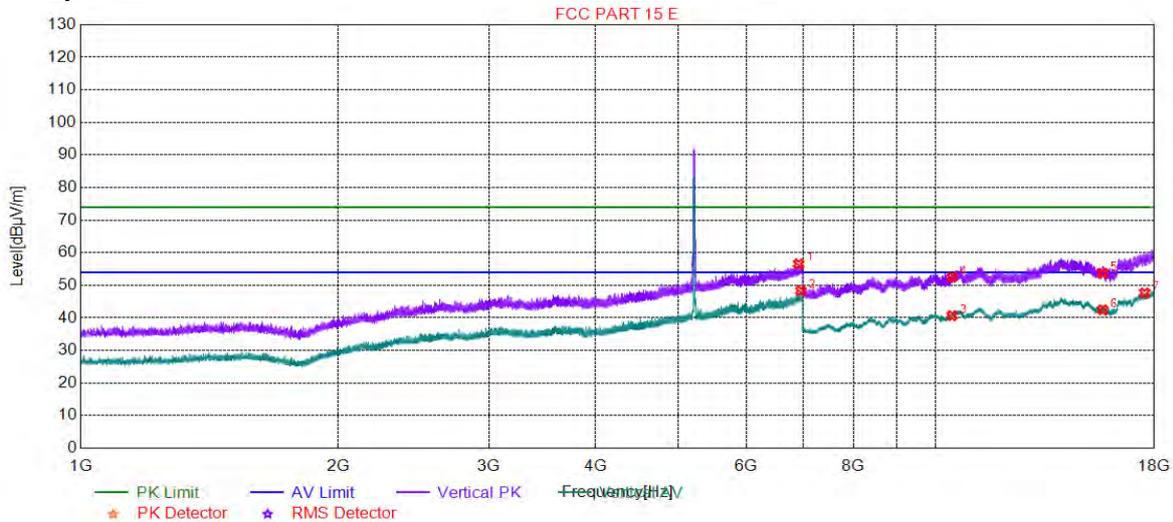
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4.9.2.4 802.11A_Channel 44

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6907.29	56.59	20.87	74.00	17.41	288	219	Vertical
2	6948.69	48.33	21.24	54.00	5.67	250	219	Vertical
3	10440.0	40.70	-3.24	54.00	13.30	272	360	Vertical
4	10440.0	52.53	-3.24	74.00	21.47	166	217	Vertical
5	15660.0	53.70	0.43	74.00	20.30	219	267	Vertical
6	15660.0	42.48	0.43	54.00	11.52	268	267	Vertical
7	17533.5	47.65	2.05	54.00	6.35	225	267	Vertical

Final Data List



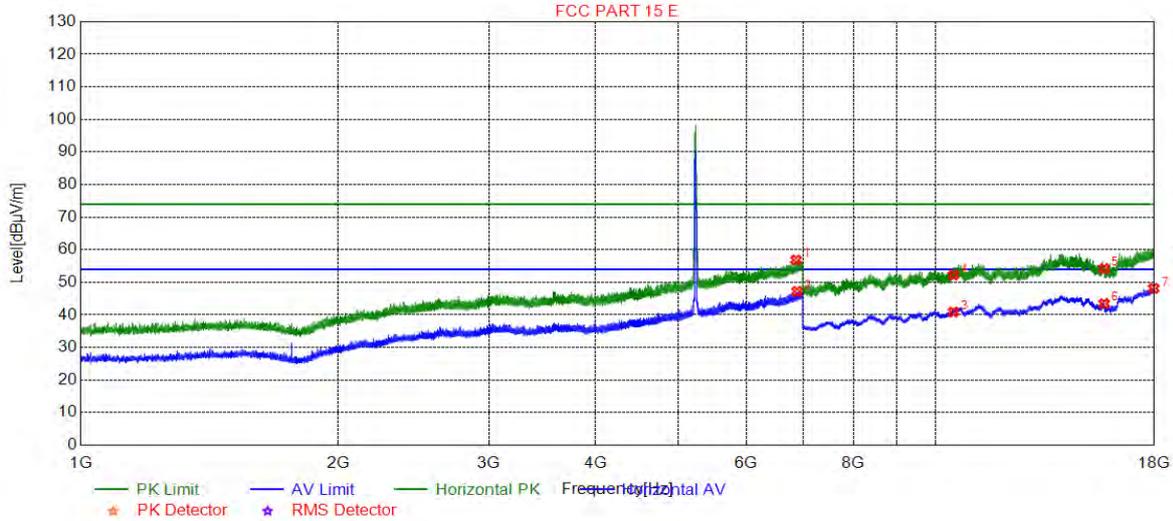
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4.9.2.5 802.11A_Channel 48

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6858.69	56.87	20.87	74.00	17.13	229	132	Horizontal
2	6878.79	47.20	20.84	54.00	6.80	164	82	Horizontal
3	10480.0	40.90	-2.94	54.00	13.10	129	192	Horizontal
4	10480.0	52.22	-2.94	74.00	21.78	216	192	Horizontal
5	15720.0	54.19	0.29	74.00	19.81	242	0	Horizontal
6	15720.0	43.46	0.29	54.00	10.54	134	142	Horizontal
7	17965.3	48.14	1.71	54.00	5.86	231	342	Horizontal

Final Data List



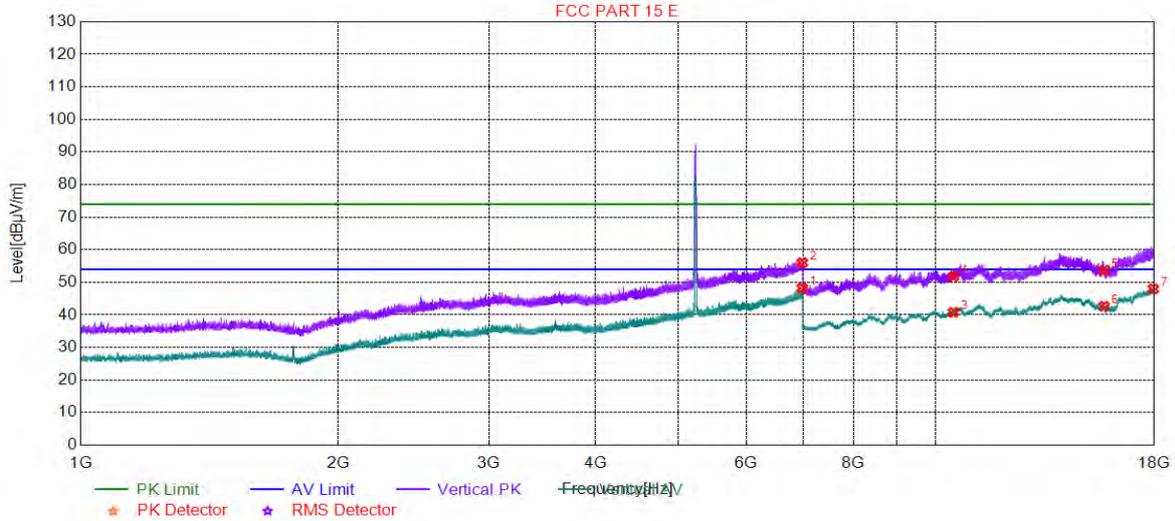
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4.9.2.6 802.11A_Channel 48

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6975.09	48.21	21.26	54.00	5.79	242	18	Vertical
2	6976.29	56.03	21.26	74.00	17.97	163	319	Vertical
3	10480.0	40.78	-2.94	54.00	13.22	230	318	Vertical
4	10480.0	51.79	-2.94	74.00	22.21	296	218	Vertical
5	15720.0	53.70	0.29	74.00	20.30	269	218	Vertical
6	15720.0	42.68	0.29	54.00	11.32	208	360	Vertical
7	17948.8	48.00	1.70	54.00	6.00	185	118	Vertical

Final Data List



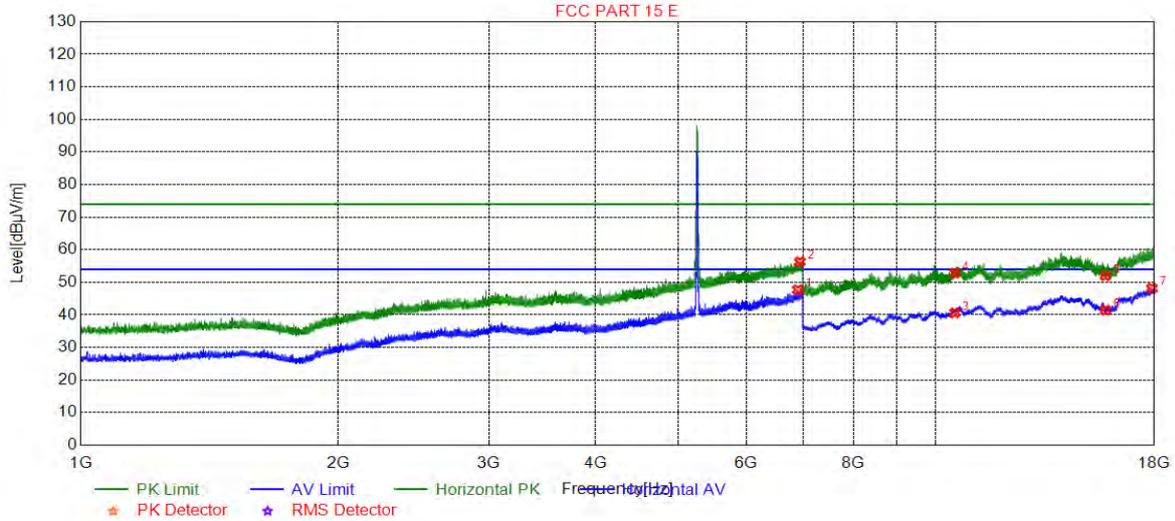
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4.9.2.7 802.11A_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6894.69	47.70	20.82	54.00	6.30	239	41	Horizontal
2	6930.99	56.31	21.09	74.00	17.69	168	142	Horizontal
3	10520.0	40.64	-2.80	54.00	13.36	225	0	Horizontal
4	10520.0	52.89	-2.80	74.00	21.11	219	91	Horizontal
5	15780.0	52.02	-0.72	74.00	21.98	228	0	Horizontal
6	15780.0	41.45	-0.72	54.00	12.55	176	42	Horizontal
7	17879.5	48.18	1.42	54.00	5.82	168	91	Horizontal

Final Data List



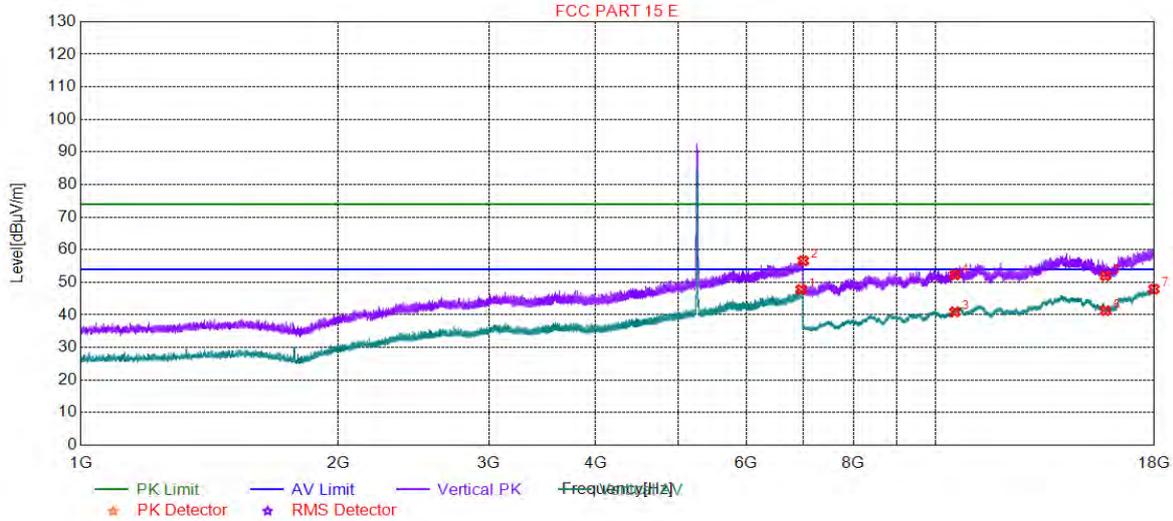
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4.9.2.8 802.11A_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6956.49	47.79	21.26	54.00	6.21	169	219	Vertical
2	6993.69	56.62	21.27	74.00	17.38	169	68	Vertical
3	10520.0	40.95	-2.80	54.00	13.05	270	220	Vertical
4	10520.0	52.30	-2.80	74.00	21.70	226	319	Vertical
5	15780.0	52.00	-0.72	74.00	22.00	270	18	Vertical
6	15780.0	41.28	-0.72	54.00	12.72	297	118	Vertical
7	17975.2	47.91	1.71	54.00	6.09	242	360	Vertical

Final Data List



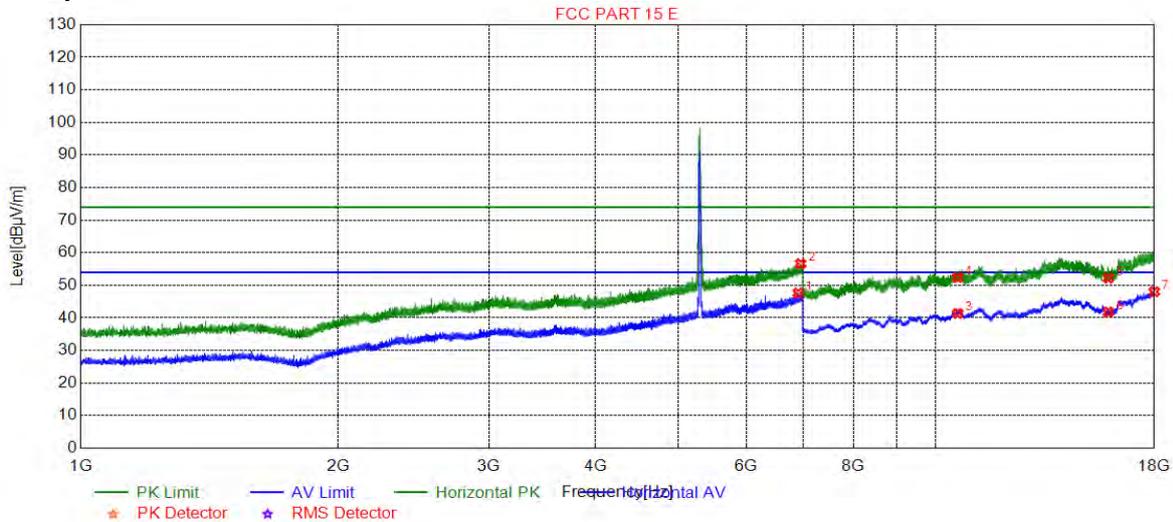
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4.9.2.9 802.11A_Channel 60

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6900.99	47.64	20.82	54.00	6.36	237	241	Horizontal
2	6944.79	56.62	21.21	74.00	17.38	146	91	Horizontal
3	10600.0	41.40	-2.86	54.00	12.60	209	342	Horizontal
4	10600.0	52.41	-2.86	74.00	21.59	178	0	Horizontal
5	15900.0	52.22	-0.51	74.00	21.78	171	242	Horizontal
6	15900.0	41.82	-0.51	54.00	12.18	236	142	Horizontal
7	17994.4	48.05	1.72	54.00	5.95	206	0	Horizontal

Final Data List



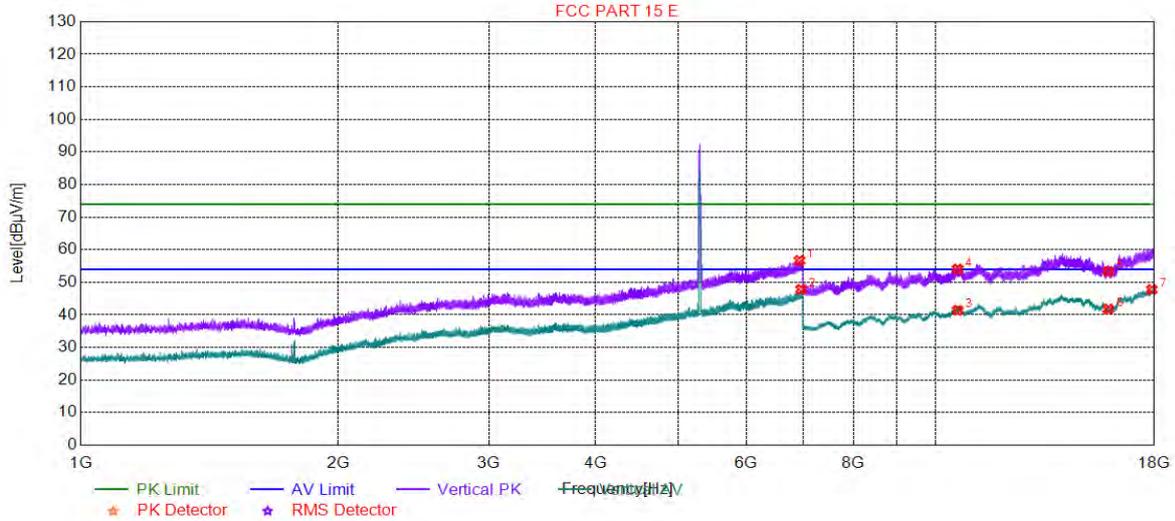
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4.9.2.10 802.11A_Channel 60

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6922.89	56.70	21.01	74.00	17.30	199	360	Vertical
2	6952.29	47.85	21.26	54.00	6.15	215	18	Vertical
3	10600.0	41.43	-2.86	54.00	12.57	152	269	Vertical
4	10600.0	54.07	-2.86	74.00	19.93	261	18	Vertical
5	15900.0	53.32	-0.51	74.00	20.68	248	219	Vertical
6	15900.0	41.76	-0.51	54.00	12.24	205	219	Vertical
7	17872.3	47.77	1.33	54.00	6.23	270	68	Vertical

Final Data List



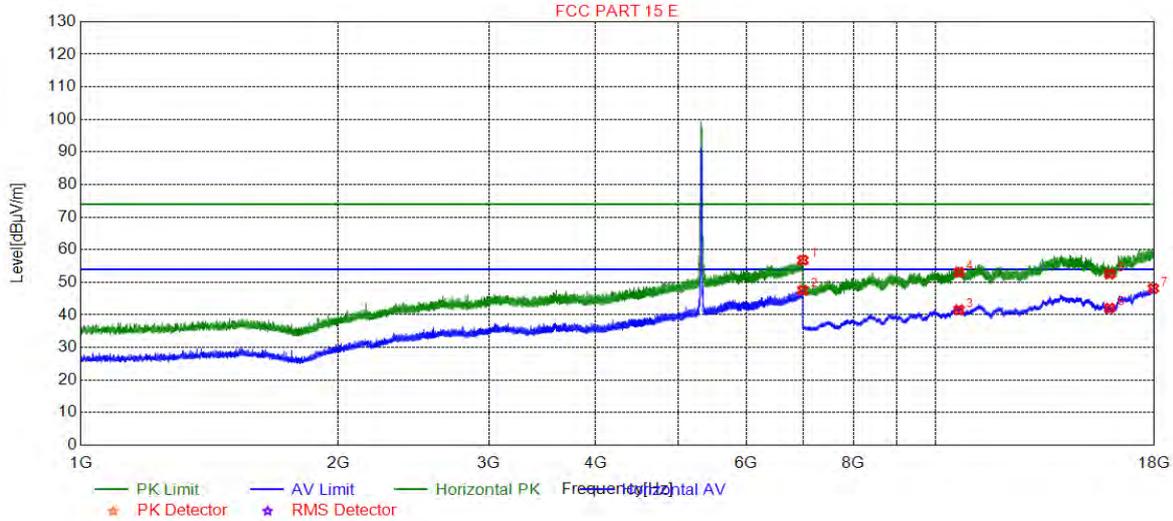
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4.9.2.11 802.11A_Channel 64

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6986.49	56.80	21.27	74.00	17.20	221	142	Horizontal
2	6986.49	47.57	21.27	54.00	6.43	158	0	Horizontal
3	10640.0	41.54	-2.84	54.00	12.46	186	290	Horizontal
4	10640.0	53.09	-2.84	74.00	20.91	176	91	Horizontal
5	15960.0	52.55	-0.61	74.00	21.45	142	191	Horizontal
6	15960.0	42.08	-0.61	54.00	11.92	136	91	Horizontal
7	17946.6	48.13	1.70	54.00	5.87	172	140	Horizontal

Final Data List



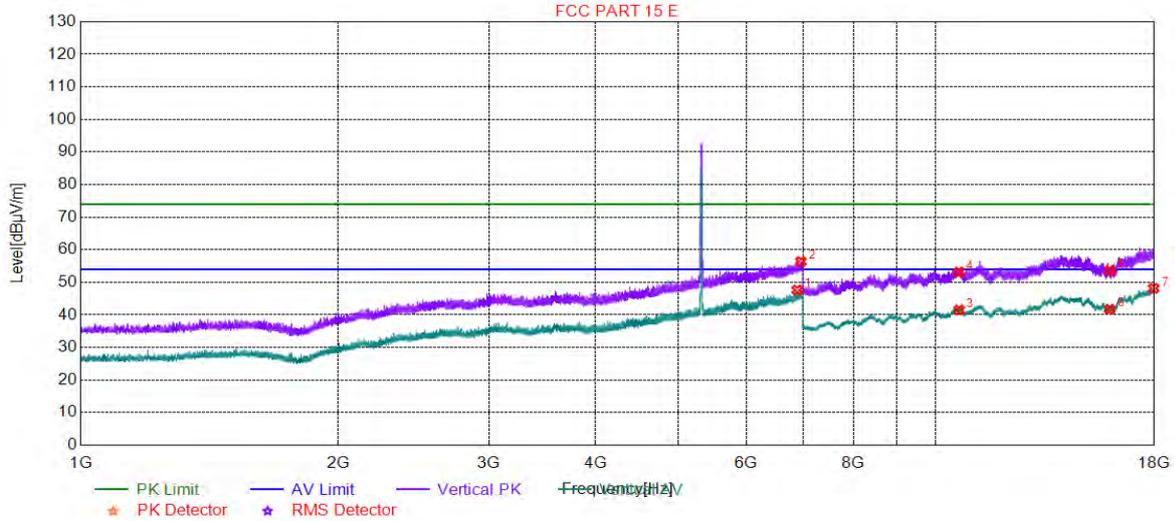
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4.9.2.12 802.11A_Channel 64

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6880.89	47.62	20.84	54.00	6.38	295	18	Vertical
2	6949.89	56.41	21.25	74.00	17.59	184	318	Vertical
3	10640.0	41.54	-2.84	54.00	12.46	208	316	Vertical
4	10640.0	53.17	-2.84	74.00	20.83	279	67	Vertical
5	15960.0	53.65	-0.61	74.00	20.35	283	167	Vertical
6	15960.0	41.74	-0.61	54.00	12.26	178	216	Vertical
7	17963.1	48.15	1.71	54.00	5.85	190	117	Vertical

Final Data List



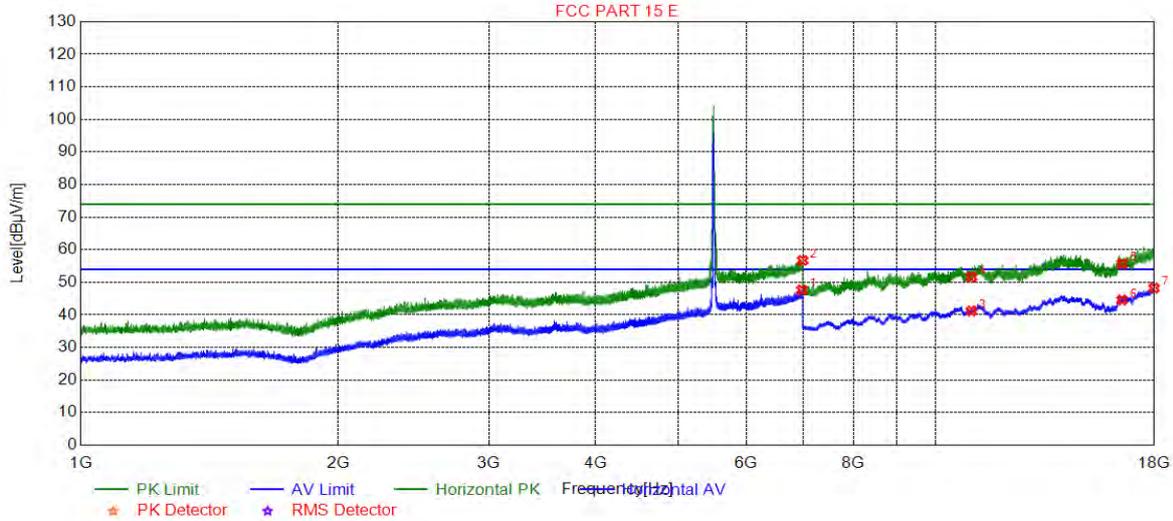
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4.9.2.13 802.11A_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6969.39	47.64	21.26	54.00	6.36	198	292	Horizontal
2	6982.89	56.72	21.26	74.00	17.28	141	191	Horizontal
3	11000.0	41.22	-2.17	54.00	12.78	209	342	Horizontal
4	11000.0	51.61	-2.17	74.00	22.39	187	292	Horizontal
5	16500.0	55.71	0.34	74.00	18.29	192	292	Horizontal
6	16500.0	44.58	0.34	54.00	9.42	145	43	Horizontal
7	17979.6	48.25	1.71	54.00	5.75	111	93	Horizontal

Final Data List

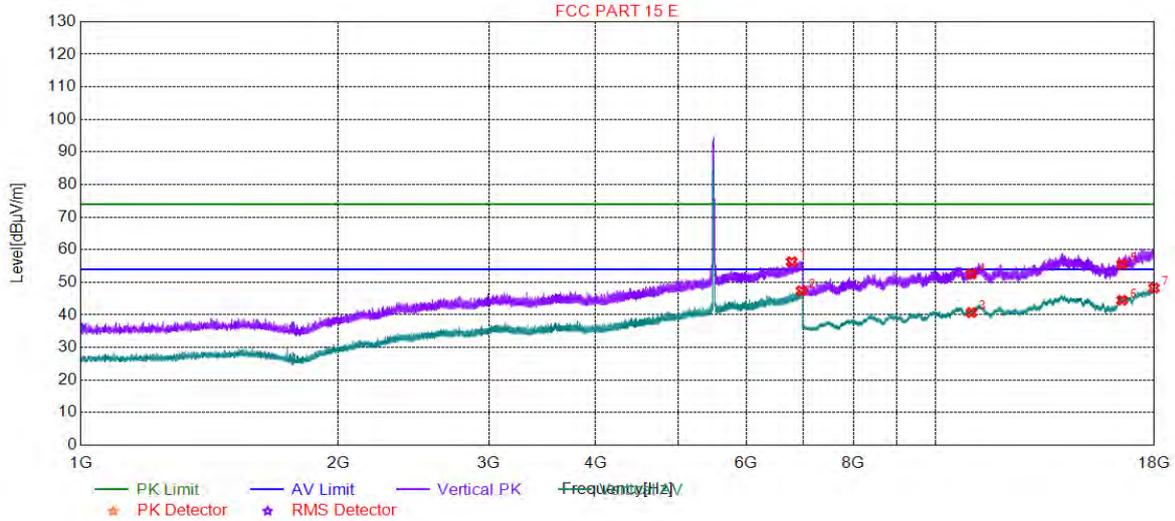


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4.9.2.14 802.11A_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6780.38	56.32	20.50	74.00	17.68	210	269	Vertical
2	6961.29	47.40	21.26	54.00	6.60	176	118	Vertical
3	11000.0	40.72	-2.17	54.00	13.28	262	267	Vertical
4	11000.0	52.58	-2.17	74.00	21.42	282	218	Vertical
5	16500.0	55.54	0.34	74.00	18.46	211	267	Vertical
6	16500.0	44.52	0.34	54.00	9.48	208	267	Vertical
7	17976.8	48.26	1.71	54.00	5.74	175	18	Vertical

Final Data List



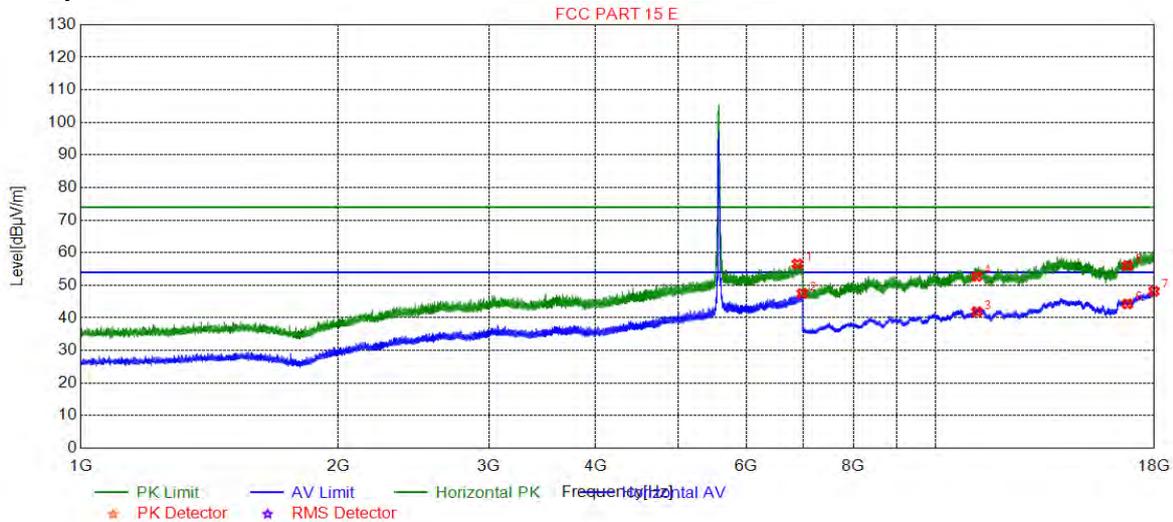
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4.9.2.15 802.11A_Channel 116

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6886.89	56.56	20.83	74.00	17.44	178	242	Horizontal
2	6977.79	47.50	21.26	54.00	6.50	118	342	Horizontal
3	11160.0	41.90	-2.32	54.00	12.10	130	93	Horizontal
4	11160.0	52.74	-2.32	74.00	21.26	129	43	Horizontal
5	16740.0	56.04	0.71	74.00	17.96	158	93	Horizontal
6	16740.0	44.29	0.71	54.00	9.71	245	43	Horizontal
7	17976.3	48.19	1.71	54.00	5.81	195	0	Horizontal

Final Data List



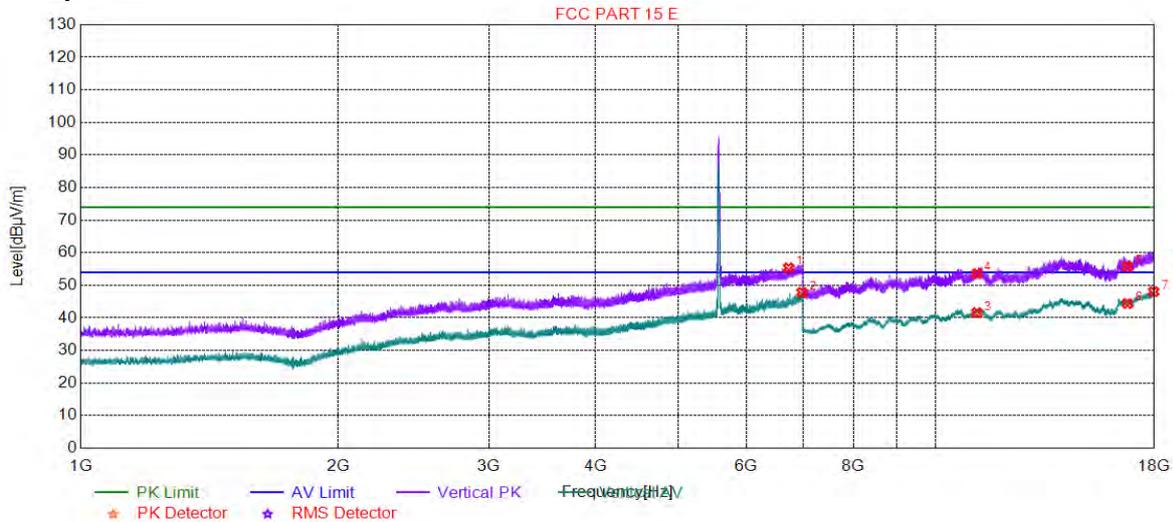
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4.9.2.16 802.11A_Channel 116

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6722.78	55.37	20.16	74.00	18.63	265	220	Vertical
2	6971.79	47.82	21.26	54.00	6.18	202	320	Vertical
3	11160.0	41.61	-2.32	54.00	12.39	163	18	Vertical
4	11160.0	53.61	-2.32	74.00	20.39	201	168	Vertical
5	16740.0	55.77	0.71	74.00	18.23	240	118	Vertical
6	16740.0	44.43	0.71	54.00	9.57	211	118	Vertical
7	17962.0	48.06	1.71	54.00	5.94	177	18	Vertical

Final Data List



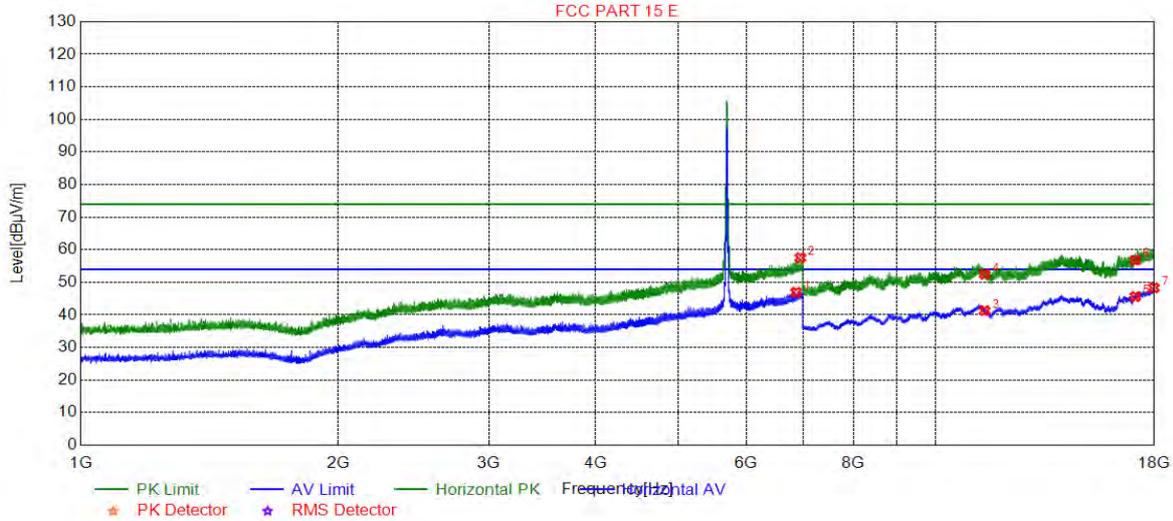
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4.9.2.17 802.11A_Channel 140

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6861.39	46.93	20.87	54.00	7.07	148	141	Horizontal
2	6939.69	57.56	21.16	74.00	16.44	148	0	Horizontal
3	11400.0	41.29	-2.15	54.00	12.71	124	0	Horizontal
4	11400.0	52.49	-2.15	74.00	21.51	196	142	Horizontal
5	17100.0	45.64	0.04	54.00	8.36	154	292	Horizontal
6	17100.0	56.82	0.04	74.00	17.18	207	42	Horizontal
7	17977.4	48.33	1.71	54.00	5.67	217	0	Horizontal

Final Data List



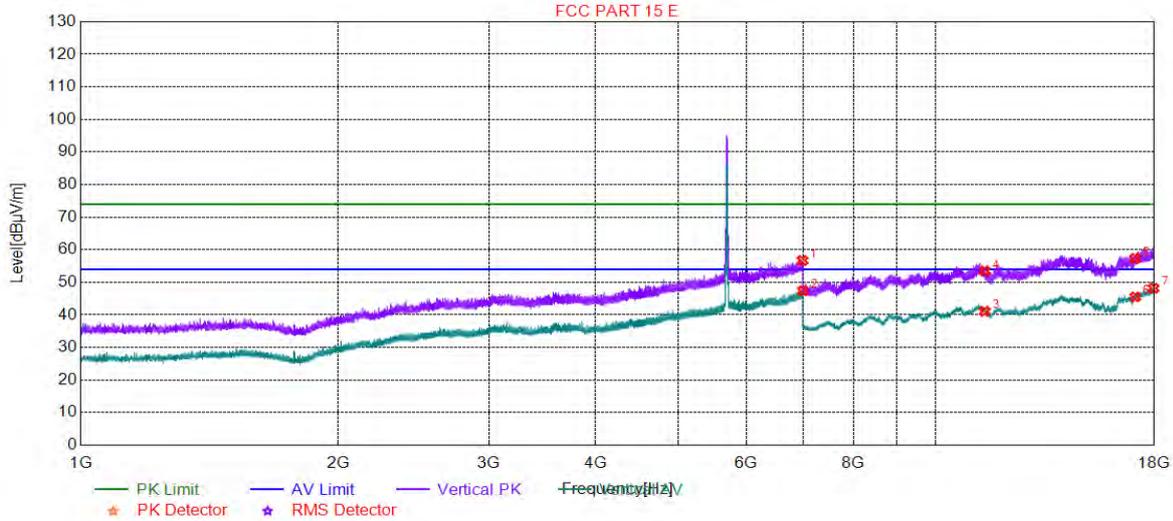
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4.9.2.18 802.11A_Channel 140

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6981.39	56.70	21.26	74.00	17.30	156	119	Vertical
2	6989.49	47.41	21.27	54.00	6.59	158	360	Vertical
3	11400.0	41.08	-2.15	54.00	12.92	232	68	Vertical
4	11400.0	53.50	-2.15	74.00	20.50	252	118	Vertical
5	17100.0	57.36	0.04	74.00	16.64	267	168	Vertical
6	17100.0	45.53	0.04	54.00	8.47	165	118	Vertical
7	17961.4	48.18	1.71	54.00	5.82	283	168	Vertical

Final Data List

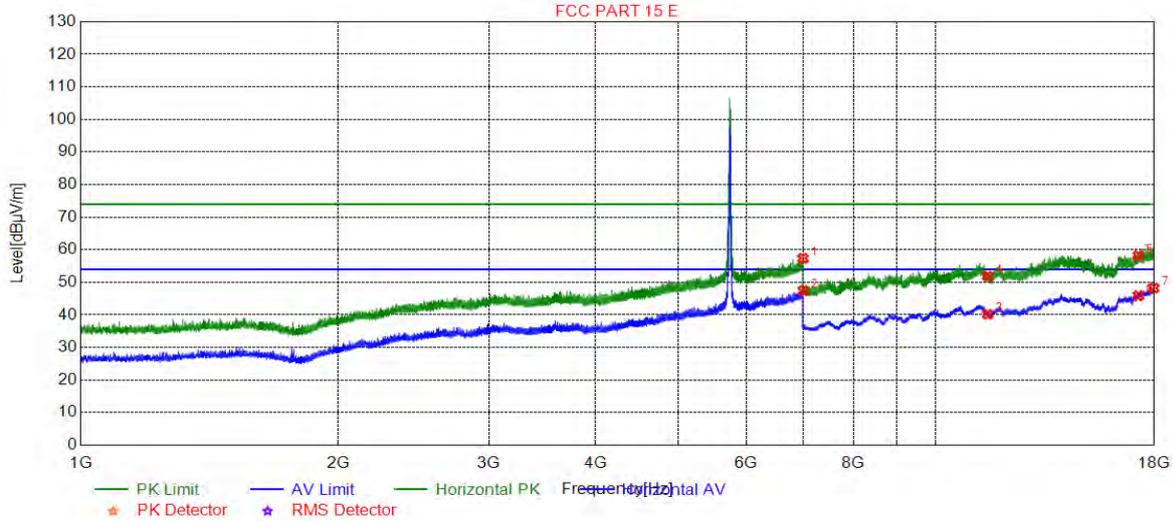


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4.9.2.19 802.11A_Channel 149

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6989.49	57.34	21.27	74.00	16.66	132	0	Horizontal
2	6996.69	47.45	21.27	54.00	6.55	210	0	Horizontal
3	11490.0	40.20	-2.03	54.00	13.80	177	342	Horizontal
4	11490.0	51.90	-2.03	74.00	22.10	132	0	Horizontal
5	17235.0	58.20	0.33	74.00	15.80	189	44	Horizontal
6	17235.0	45.88	0.33	54.00	8.12	135	143	Horizontal
7	17969.7	48.23	1.71	54.00	5.77	206	44	Horizontal

Final Data List



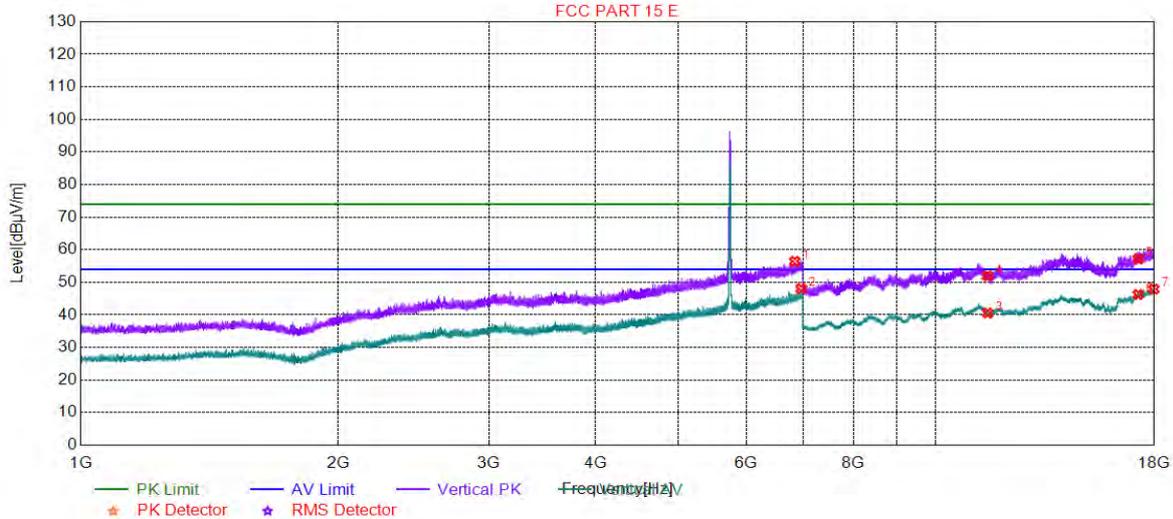
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4.9.2.20 802.11A_Channel 149

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6836.79	56.45	20.76	74.00	17.55	197	219	Vertical
2	6953.79	48.07	21.26	54.00	5.93	245	169	Vertical
3	11490.0	40.59	-2.03	54.00	13.41	291	118	Vertical
4	11490.0	52.00	-2.03	74.00	22.00	266	168	Vertical
5	17235.0	57.18	0.33	74.00	16.82	230	68	Vertical
6	17235.0	46.26	0.33	54.00	7.74	299	217	Vertical
7	17971.3	47.93	1.71	54.00	6.07	185	68	Vertical

Final Data List



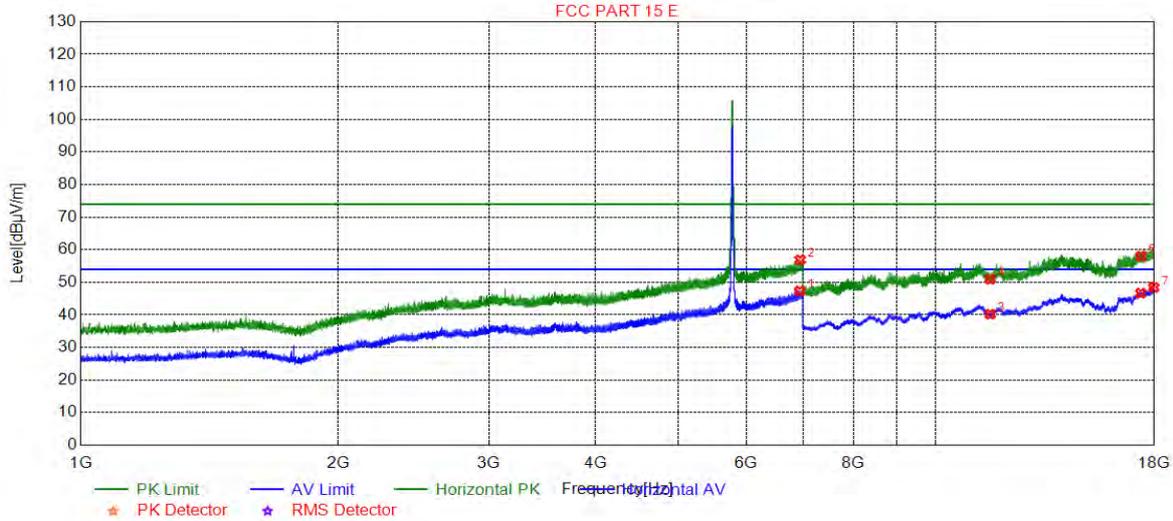
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4.9.2.21 802.11A_Channel 157

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6929.49	47.34	21.07	54.00	6.66	209	242	Horizontal
2	6934.59	56.92	21.12	74.00	17.08	241	40	Horizontal
3	11570.0	40.25	-2.39	54.00	13.75	119	0	Horizontal
4	11570.0	50.95	-2.39	74.00	23.05	103	342	Horizontal
5	17355.0	58.05	1.06	74.00	15.95	109	242	Horizontal
6	17355.0	46.66	1.06	54.00	7.34	137	0	Horizontal
7	17971.3	48.42	1.71	54.00	5.58	240	242	Horizontal

Final Data List



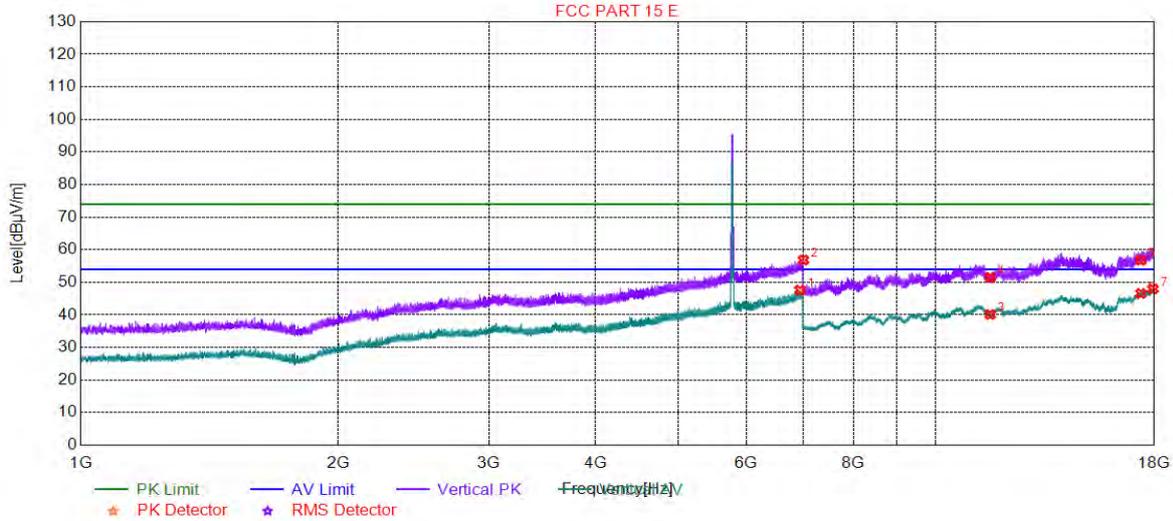
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4.9.2.22 802.11A_Channel 157

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6933.99	47.59	21.11	54.00	6.41	184	360	Vertical
2	6997.29	56.86	21.27	74.00	17.14	161	18	Vertical
3	11570.0	40.13	-2.39	54.00	13.87	247	317	Vertical
4	11570.0	51.48	-2.39	74.00	22.52	248	360	Vertical
5	17355.0	56.79	1.06	74.00	17.21	169	168	Vertical
6	17355.0	46.58	1.06	54.00	7.42	160	168	Vertical
7	17930.6	47.98	1.70	54.00	6.02	247	118	Vertical

Final Data List



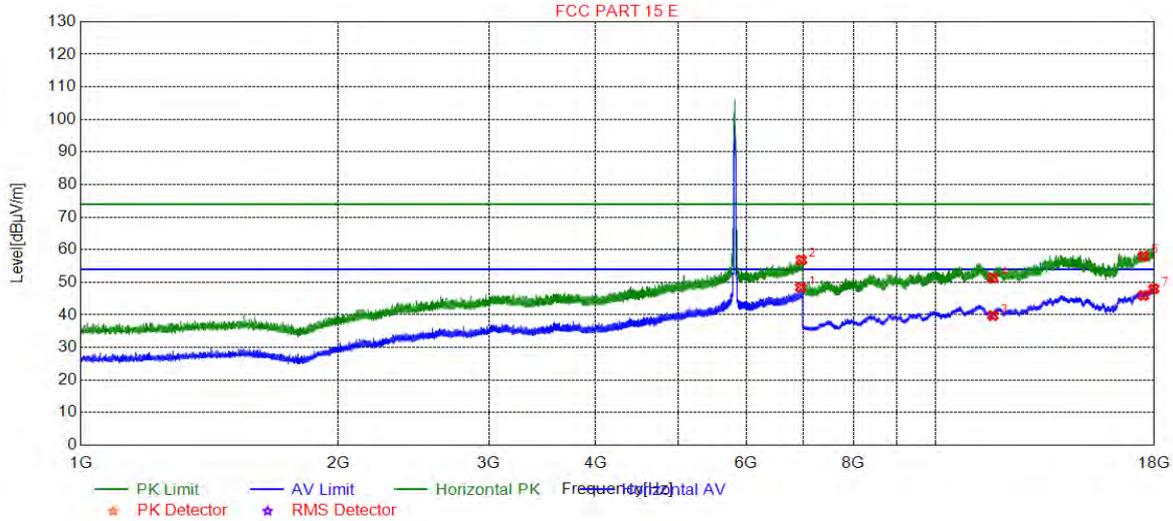
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4.9.2.23 802.11A_Channel 165

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6945.09	48.42	21.21	54.00	5.58	115	142	Horizontal
2	6959.19	56.88	21.26	74.00	17.12	159	92	Horizontal
3	11650.0	39.79	-2.49	54.00	14.21	246	292	Horizontal
4	11650.0	51.34	-2.49	74.00	22.66	240	0	Horizontal
5	17475.0	58.00	1.76	74.00	16.00	175	142	Horizontal
6	17475.0	45.94	1.76	54.00	8.06	121	0	Horizontal
7	17964.7	48.01	1.71	54.00	5.99	194	342	Horizontal

Final Data List



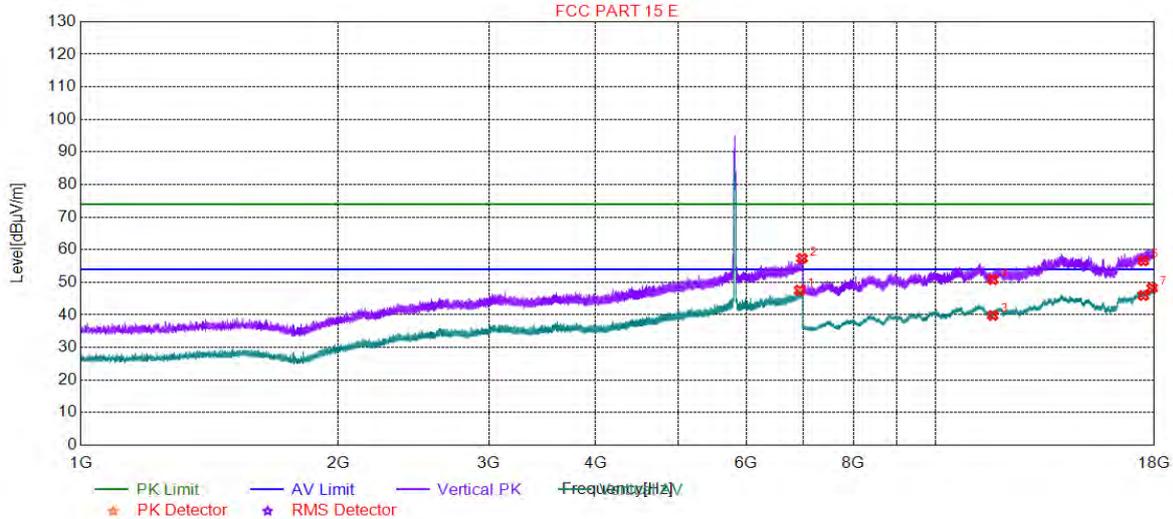
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4.9.2.24 802.11A_Channel 165

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6929.49	47.56	21.07	54.00	6.44	263	321	Vertical
2	6971.19	57.35	21.26	74.00	16.65	182	321	Vertical
3	11650.0	39.84	-2.49	54.00	14.16	227	18	Vertical
4	11650.0	50.83	-2.49	74.00	23.17	242	218	Vertical
5	17475.0	56.60	1.76	74.00	17.40	162	218	Vertical
6	17475.0	45.95	1.76	54.00	8.05	299	360	Vertical
7	17887.7	48.25	1.53	54.00	5.75	266	169	Vertical

Final Data List



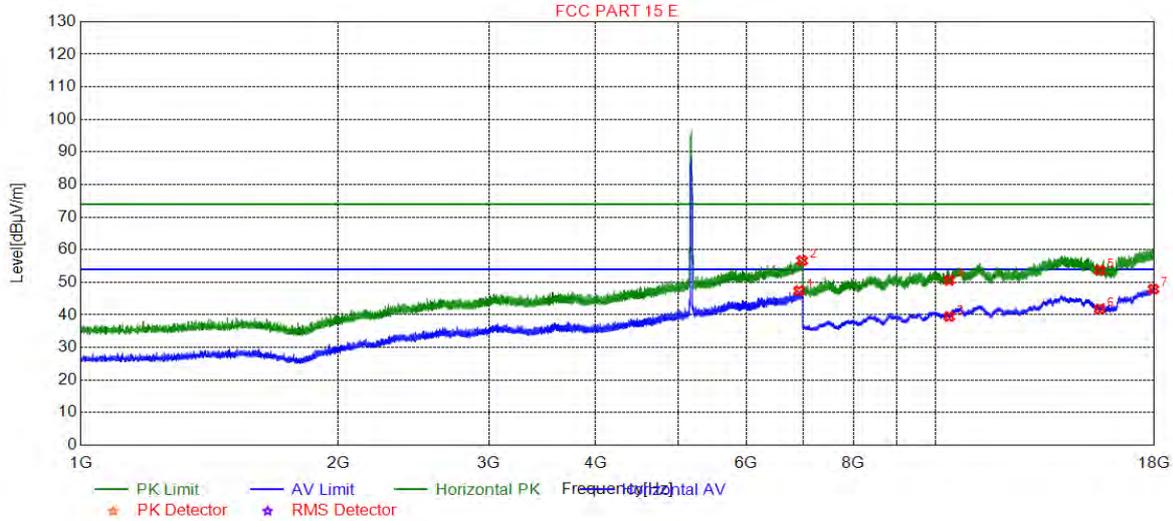
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4.9.2.25 802.11N20_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6915.39	47.43	20.95	54.00	6.57	129	342	Horizontal
2	6972.69	56.66	21.26	74.00	17.34	130	90	Horizontal
3	10360.0	39.48	-3.63	54.00	14.52	230	192	Horizontal
4	10360.0	50.65	-3.63	74.00	23.35	151	44	Horizontal
5	15540.0	53.74	0.46	74.00	20.26	172	0	Horizontal
6	15540.0	41.77	0.46	54.00	12.23	139	243	Horizontal
7	17949.9	47.92	1.70	54.00	6.08	211	292	Horizontal

Final Data List



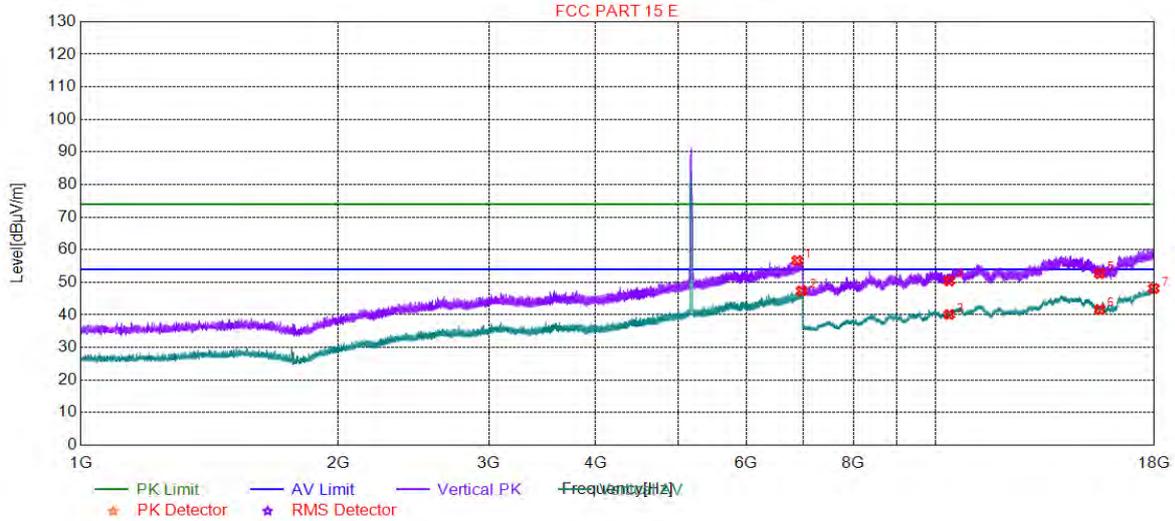
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4.9.2.26 802.11N20_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6879.39	56.67	20.84	74.00	17.33	294	270	Vertical
2	6963.69	47.36	21.26	54.00	6.64	249	69	Vertical
3	10360.0	40.12	-3.63	54.00	13.88	254	359	Vertical
4	10360.0	50.44	-3.63	74.00	23.56	154	359	Vertical
5	15540.0	52.65	0.46	74.00	21.35	150	315	Vertical
6	15540.0	41.65	0.46	54.00	12.35	298	117	Vertical
7	17968.6	48.12	1.71	54.00	5.88	192	117	Vertical

Final Data List



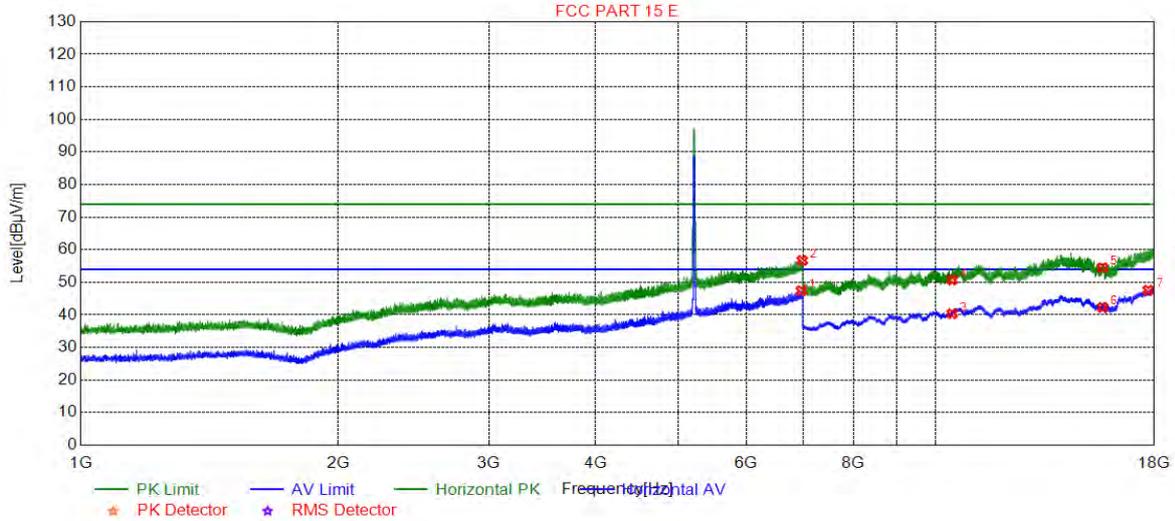
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4.9.2.27 802.11N20_Channel 44

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6959.19	47.44	21.26	54.00	6.56	169	141	Horizontal
2	6975.39	56.70	21.26	74.00	17.30	108	342	Horizontal
3	10440.0	40.38	-3.24	54.00	13.62	142	43	Horizontal
4	10440.0	50.74	-3.24	74.00	23.26	244	92	Horizontal
5	15660.0	54.49	0.43	74.00	19.51	241	0	Horizontal
6	15660.0	42.30	0.43	54.00	11.70	239	43	Horizontal
7	17702.9	47.58	2.30	54.00	6.42	118	241	Horizontal

Final Data List



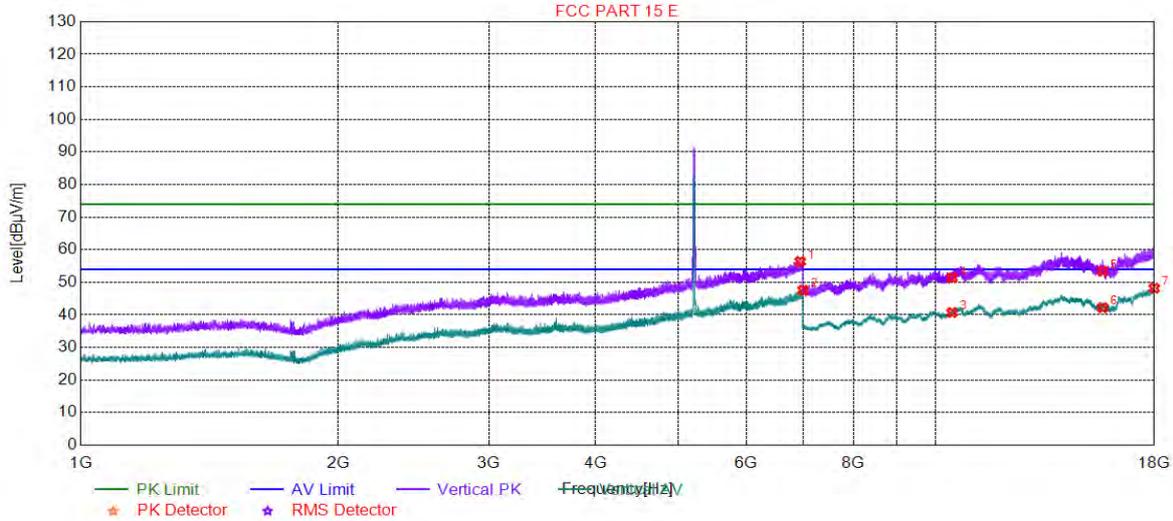
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4.9.2.28 802.11N20_Channel 44

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6936.69	56.40	21.14	74.00	17.60	238	68	Vertical
2	6990.99	47.56	21.27	54.00	6.44	255	360	Vertical
3	10440.0	40.72	-3.24	54.00	13.28	231	68	Vertical
4	10440.0	51.42	-3.24	74.00	22.58	187	217	Vertical
5	15660.0	53.42	0.43	74.00	20.58	225	18	Vertical
6	15660.0	42.21	0.43	54.00	11.79	254	360	Vertical
7	17990.0	48.20	1.72	54.00	5.80	228	118	Vertical

Final Data List



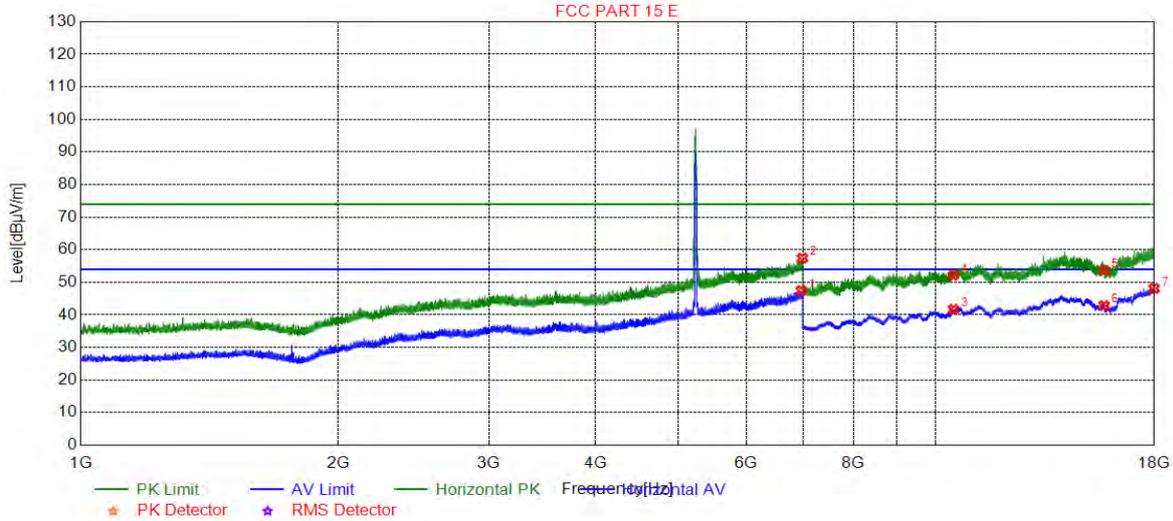
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4.9.2.29 802.11N20_Channel 48

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6957.69	47.47	21.26	54.00	6.53	177	92	Horizontal
2	6978.39	57.42	21.26	74.00	16.58	158	42	Horizontal
3	10480.0	41.69	-2.94	54.00	12.31	145	342	Horizontal
4	10480.0	52.17	-2.94	74.00	21.83	189	93	Horizontal
5	15720.0	53.69	0.29	74.00	20.31	206	0	Horizontal
6	15720.0	42.85	0.29	54.00	11.15	232	192	Horizontal
7	17981.8	48.14	1.71	54.00	5.86	234	242	Horizontal

Final Data List



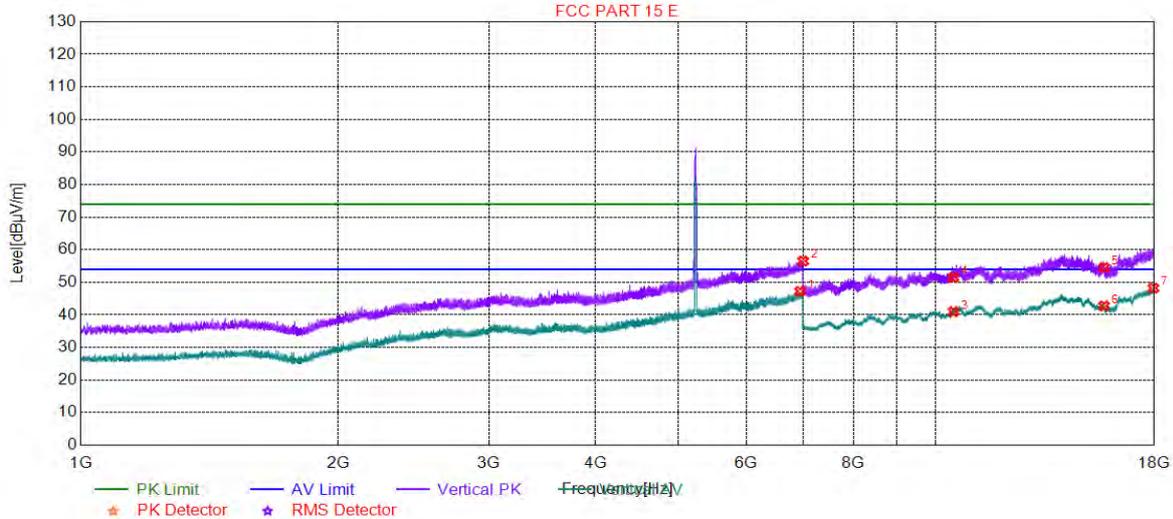
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4.9.2.30 802.11N20_Channel 48

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6933.69	47.25	21.11	54.00	6.75	253	118	Vertical
2	6991.59	56.52	21.27	74.00	17.48	214	118	Vertical
3	10480.0	40.98	-2.94	54.00	13.02	295	267	Vertical
4	10480.0	51.47	-2.94	74.00	22.53	269	267	Vertical
5	15720.0	54.58	0.29	74.00	19.42	291	267	Vertical
6	15720.0	42.78	0.29	54.00	11.22	292	360	Vertical
7	17951.5	48.23	1.71	54.00	5.77	174	167	Vertical

Final Data List



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