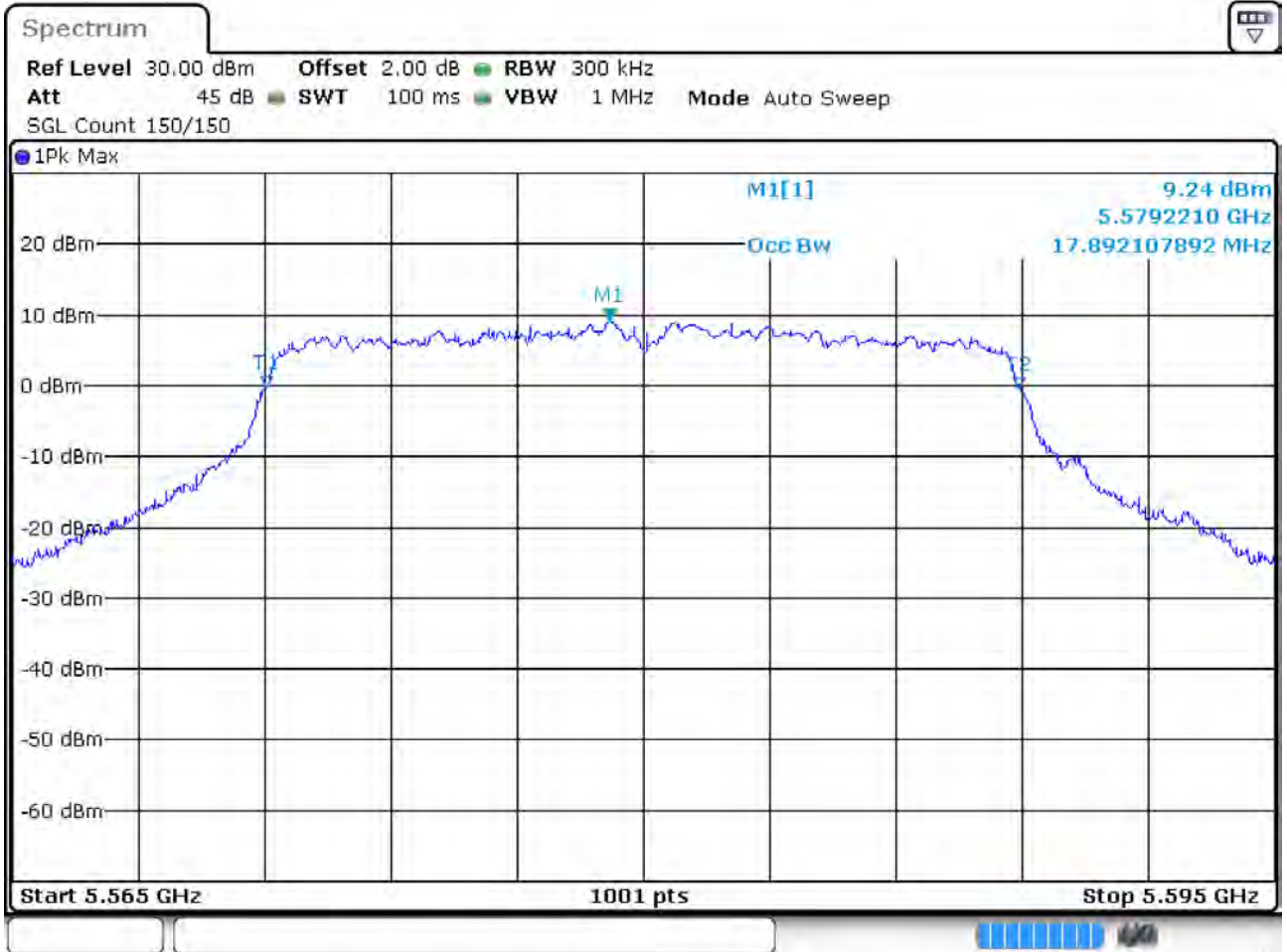


4.7.2.41 11AC20\_116 ANT 1



Date: 13.OCT.2020 15:01:23

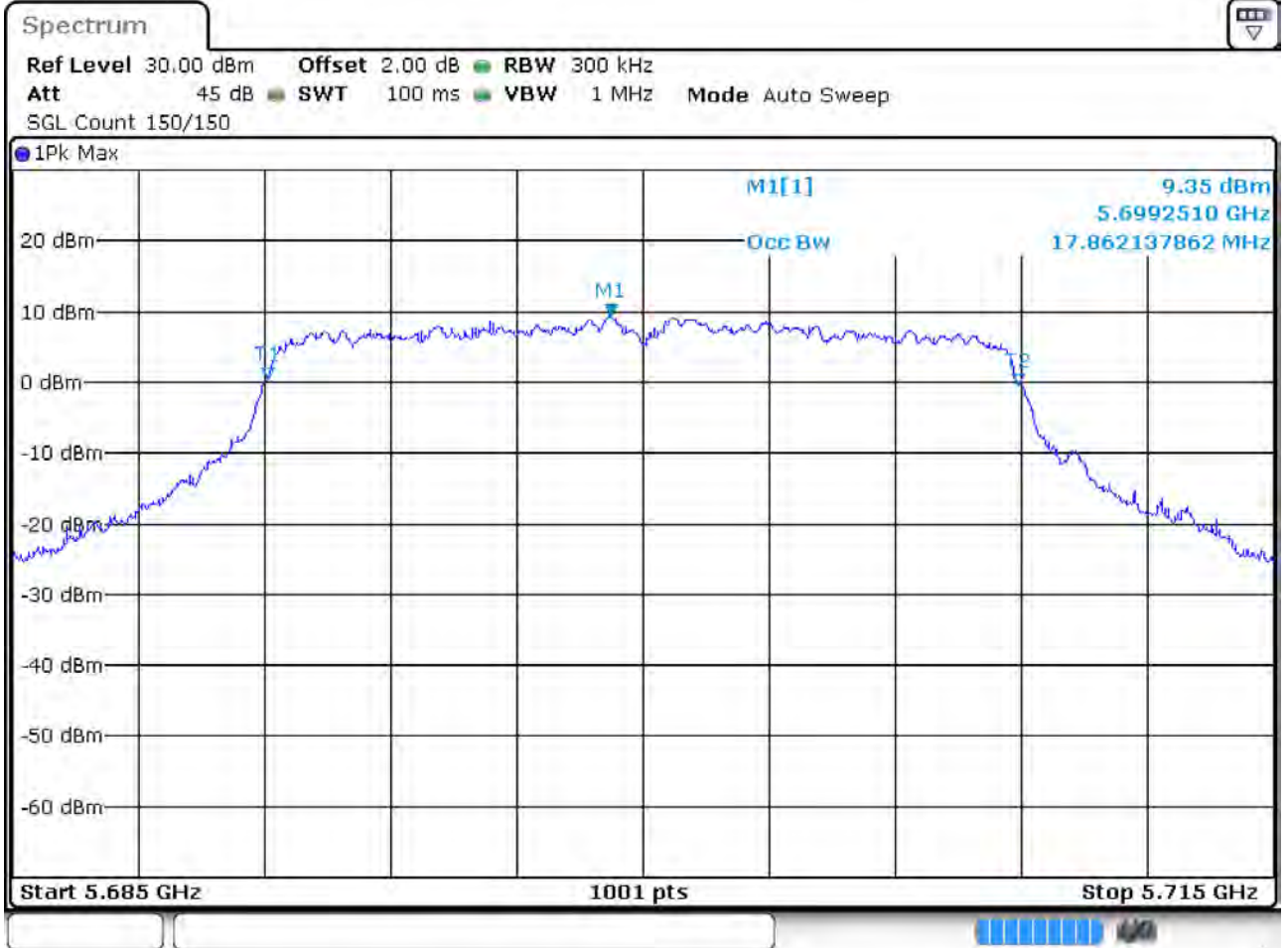


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4.7.2.42 11AC20\_140 ANT 1



Date: 13.OCT.2020 15:02:57

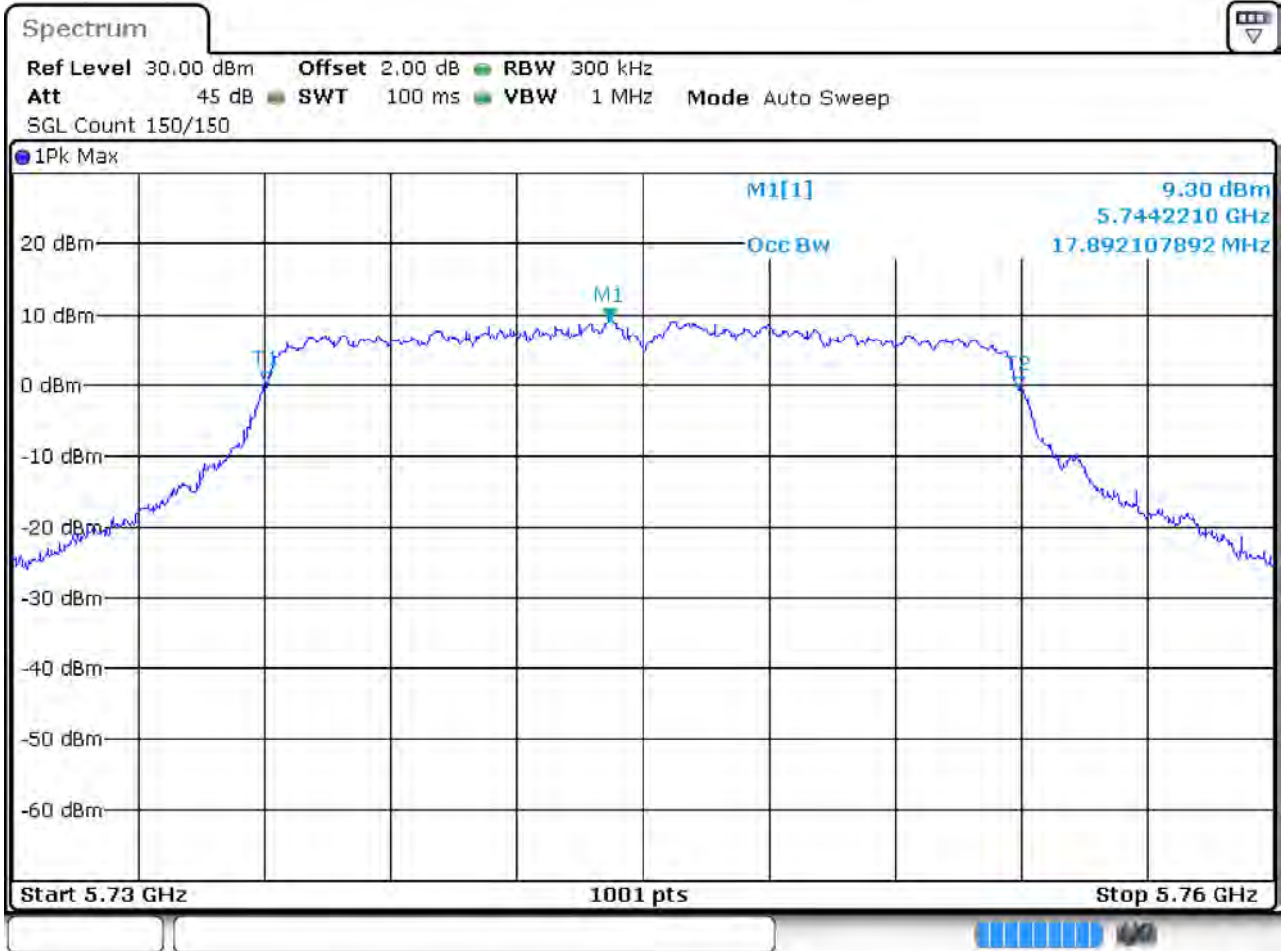


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4.7.2.43 11AC20\_149 ANT 1

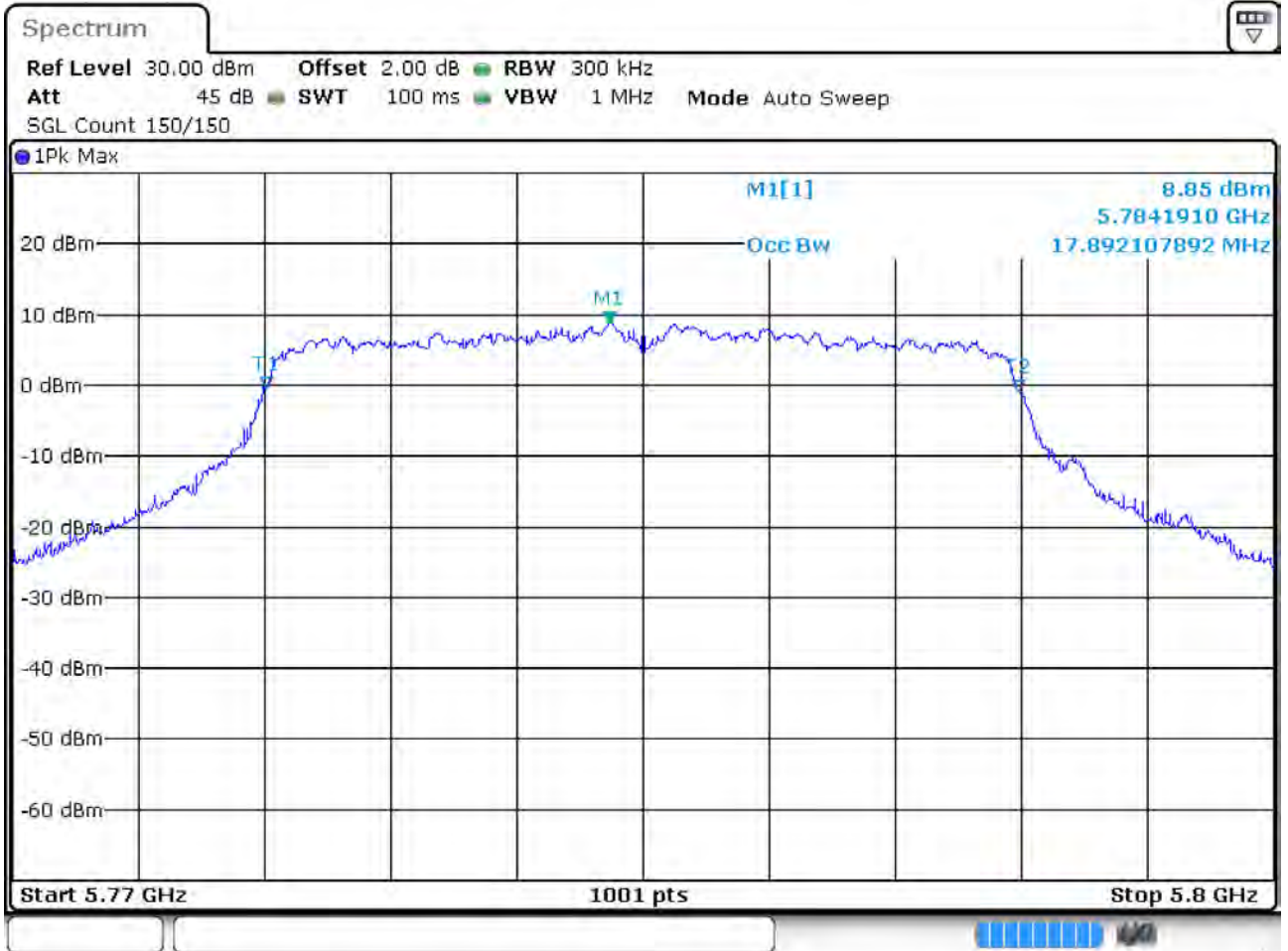


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4.7.2.44 11AC20\_157 ANT 1



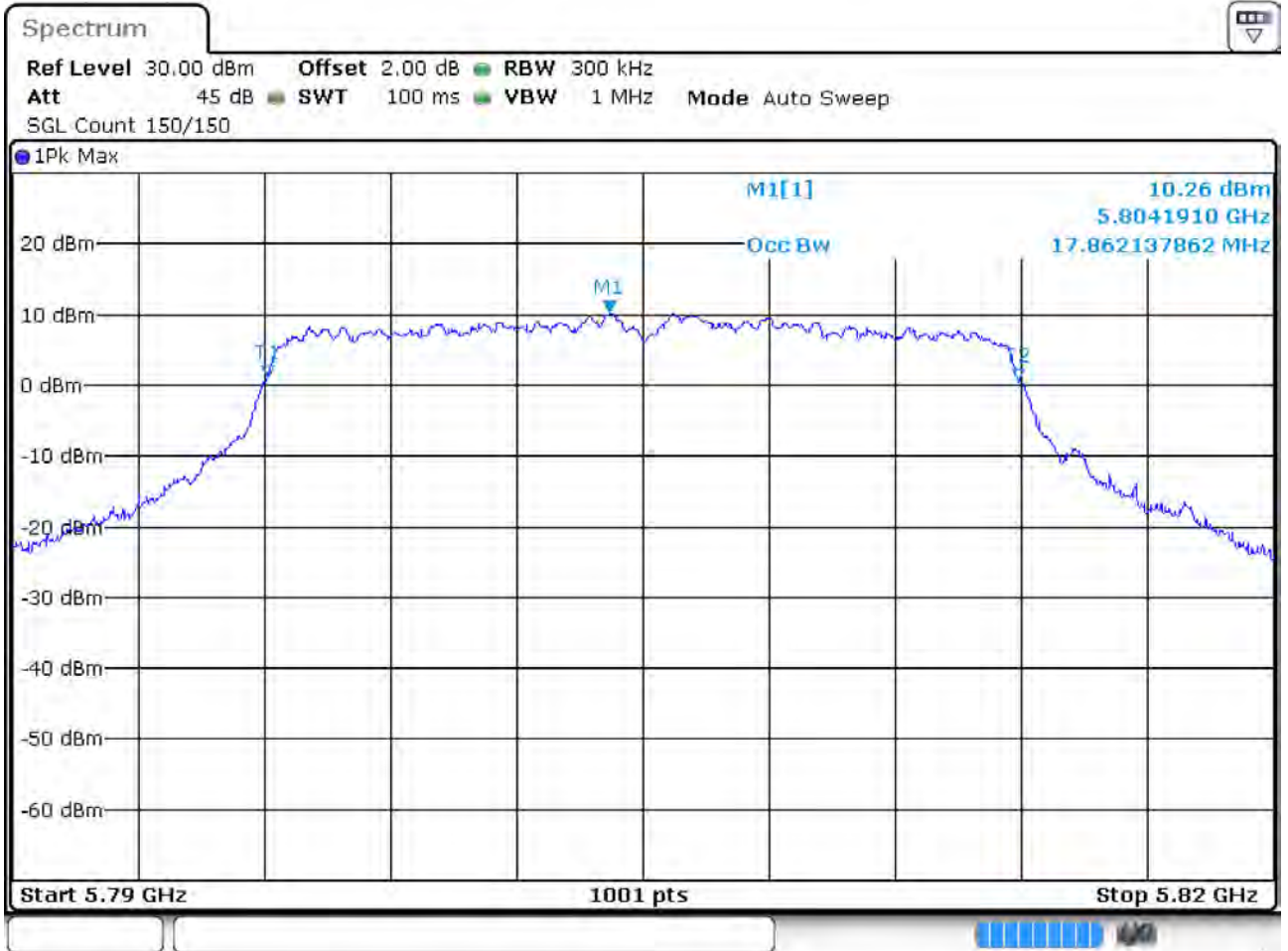
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4.7.2.45 11AC20\_161 ANT 1



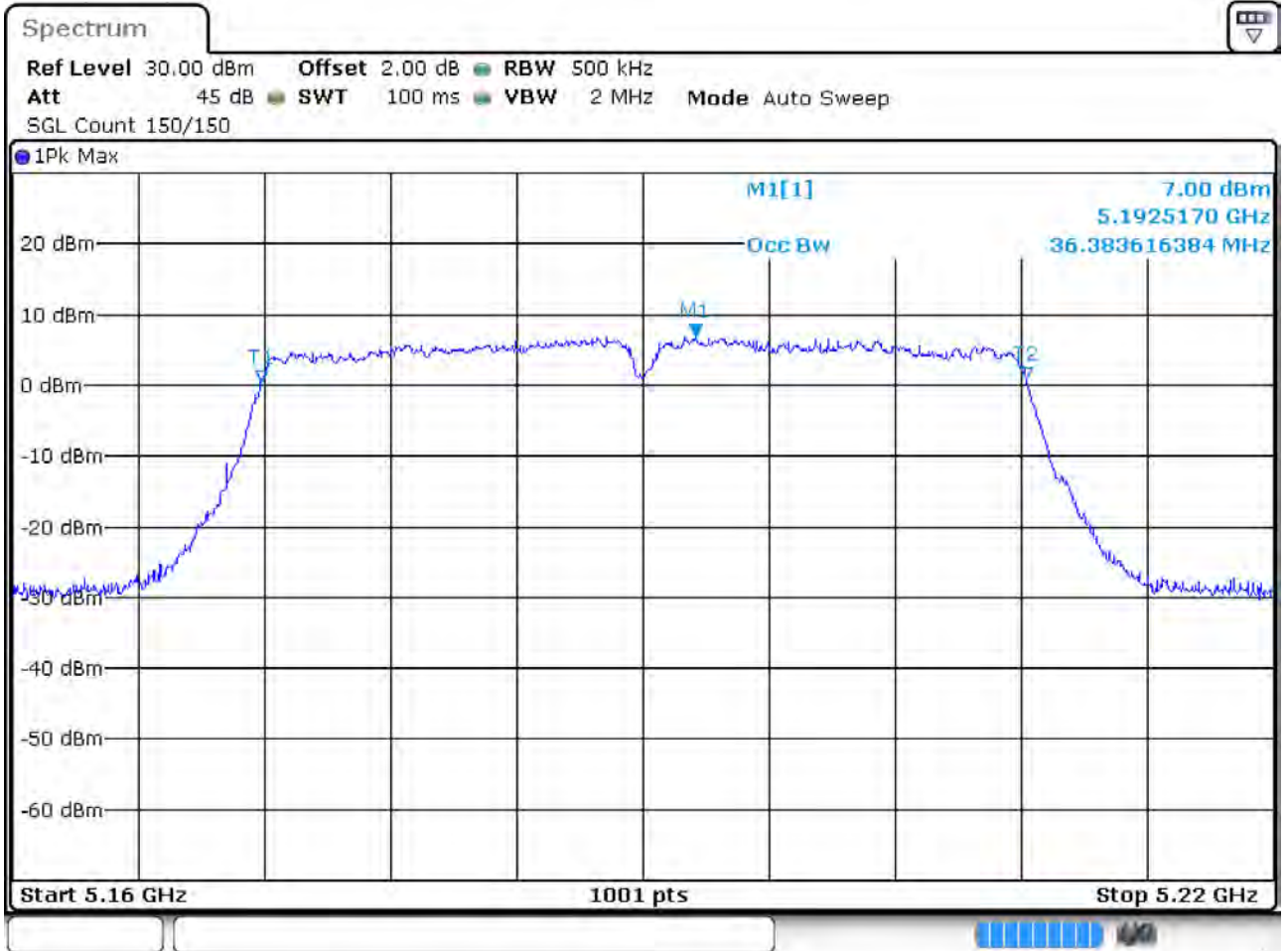
Date: 21.OCT.2020 19:06:25



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**4.7.2.46 11AC40\_38 ANT 1**



Date: 13.OCT.2020 15:13:47

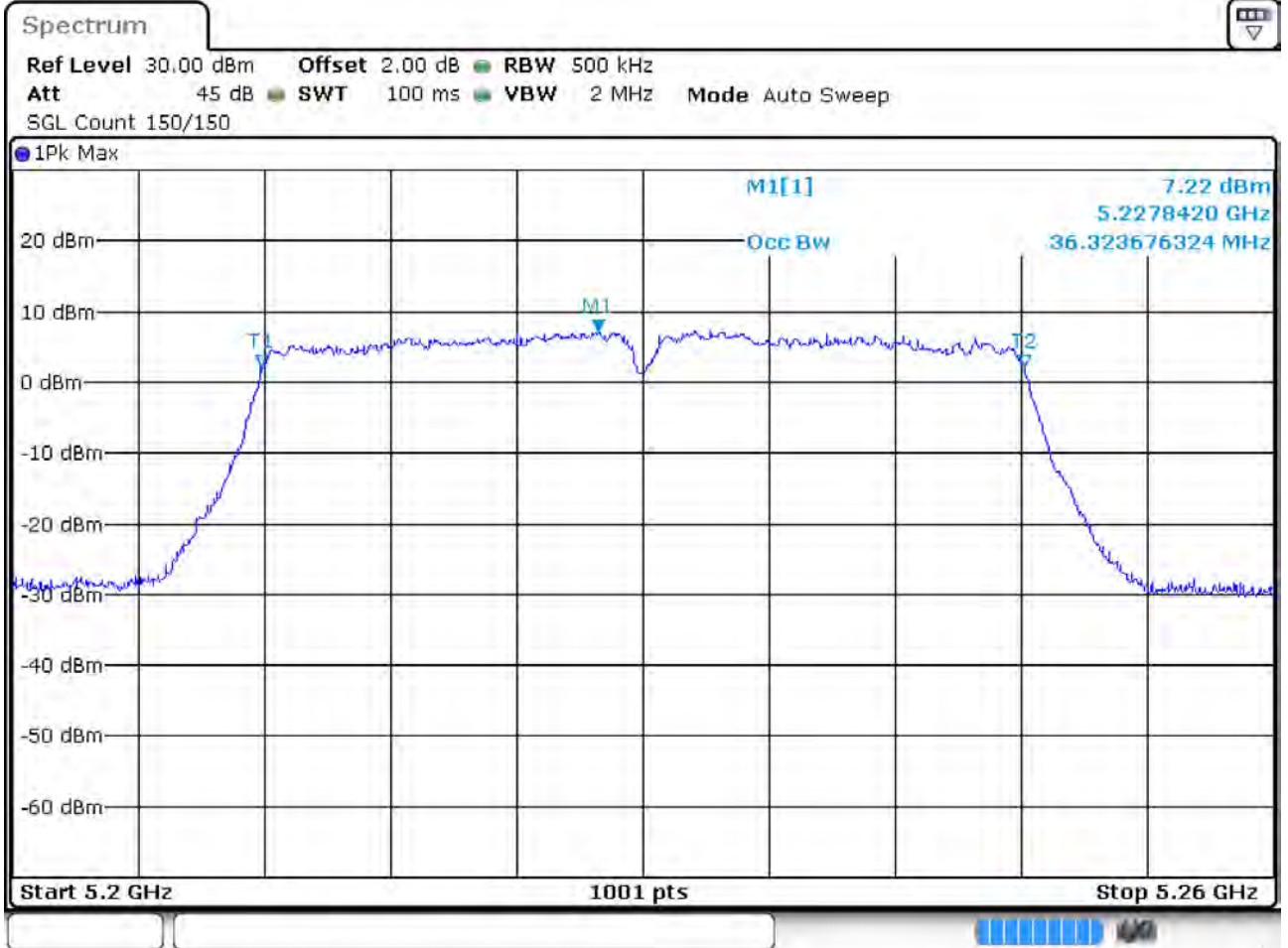


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4.7.2.47 11AC40\_46 ANT 1

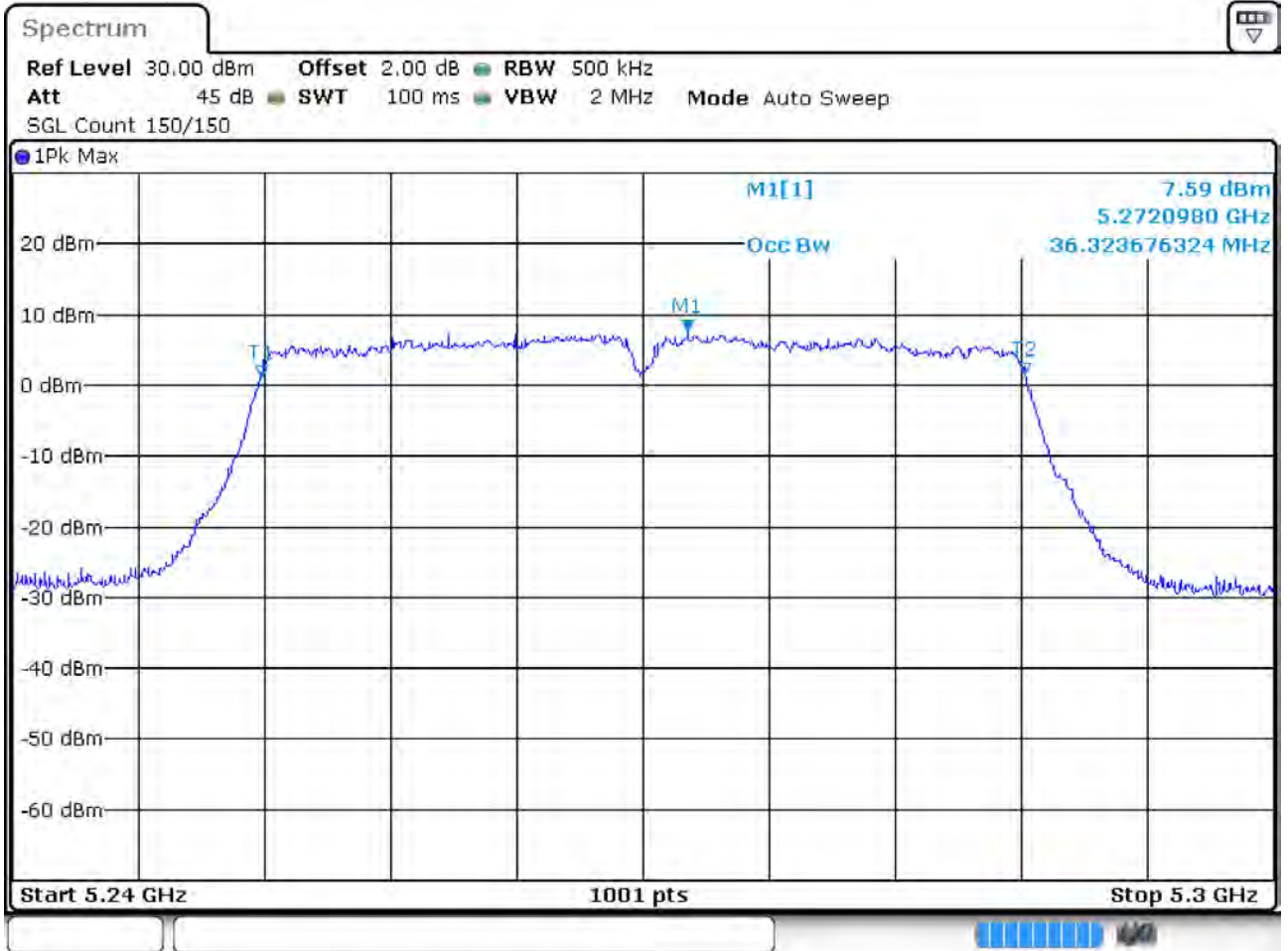


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4.7.2.48 11AC40\_54 ANT 1



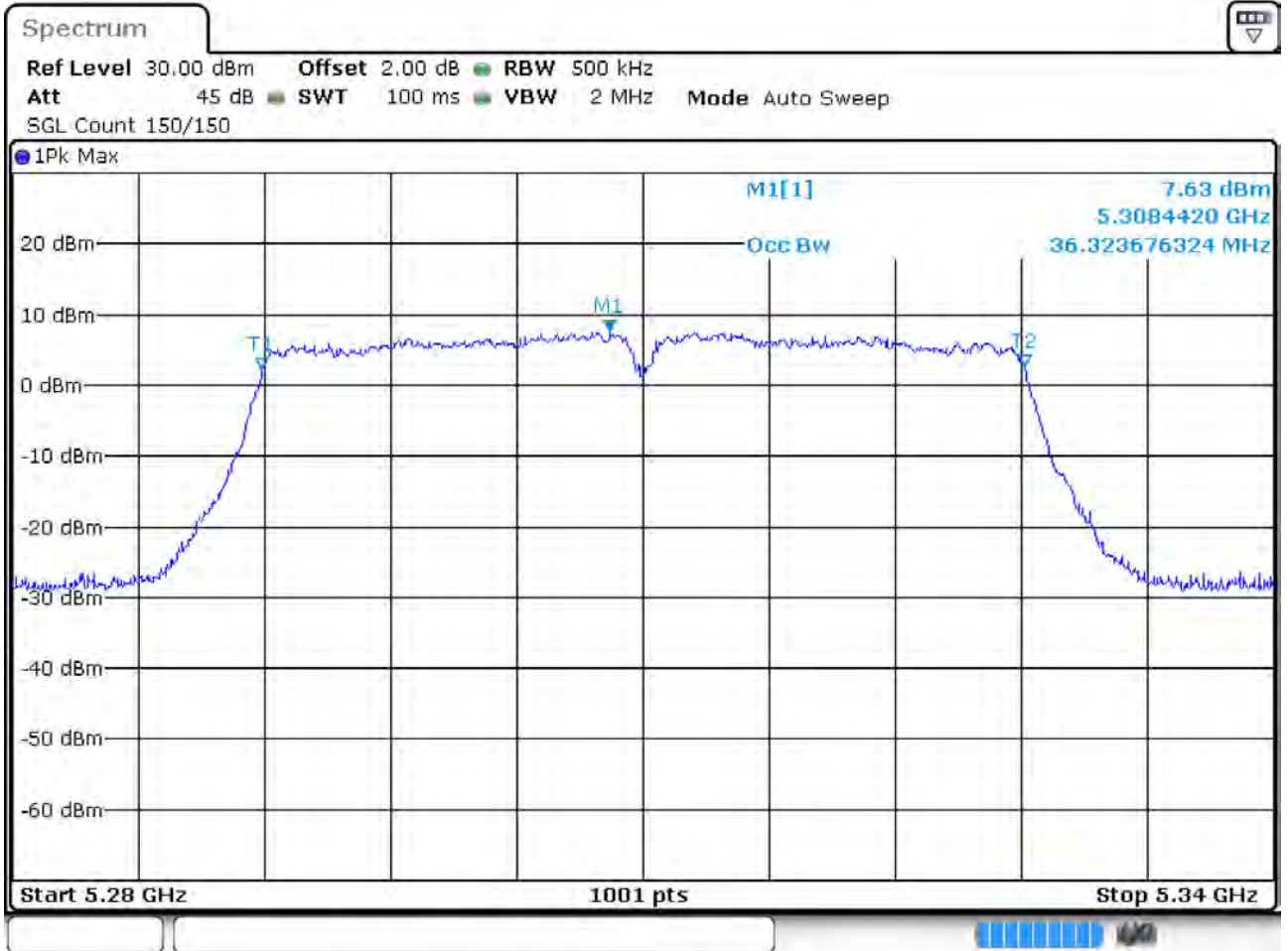
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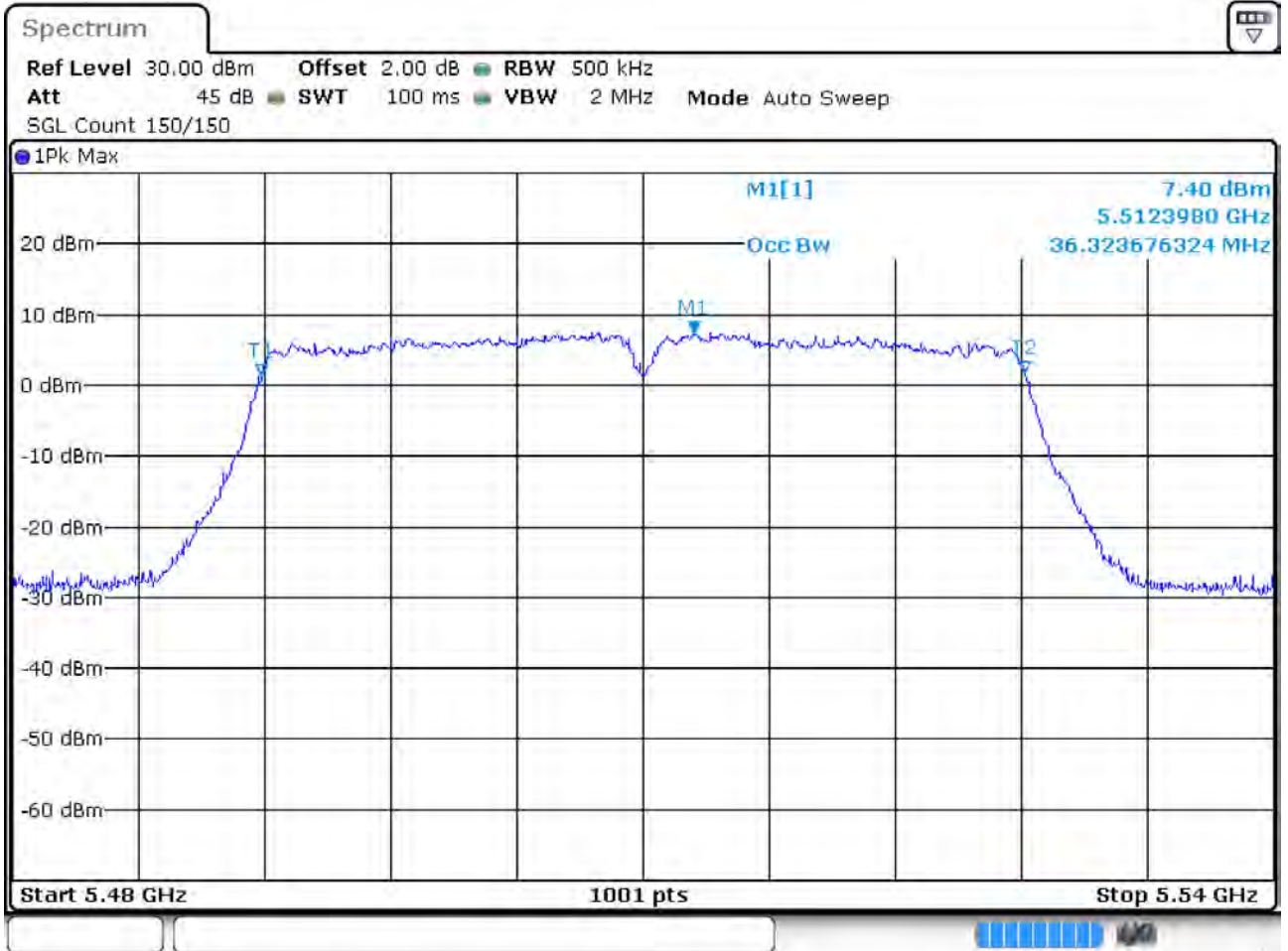
4.7.2.49 11AC40\_62 ANT 1



Date: 13.OCT.2020 15:21:17



4.7.2.50 11AC40\_102 ANT 1



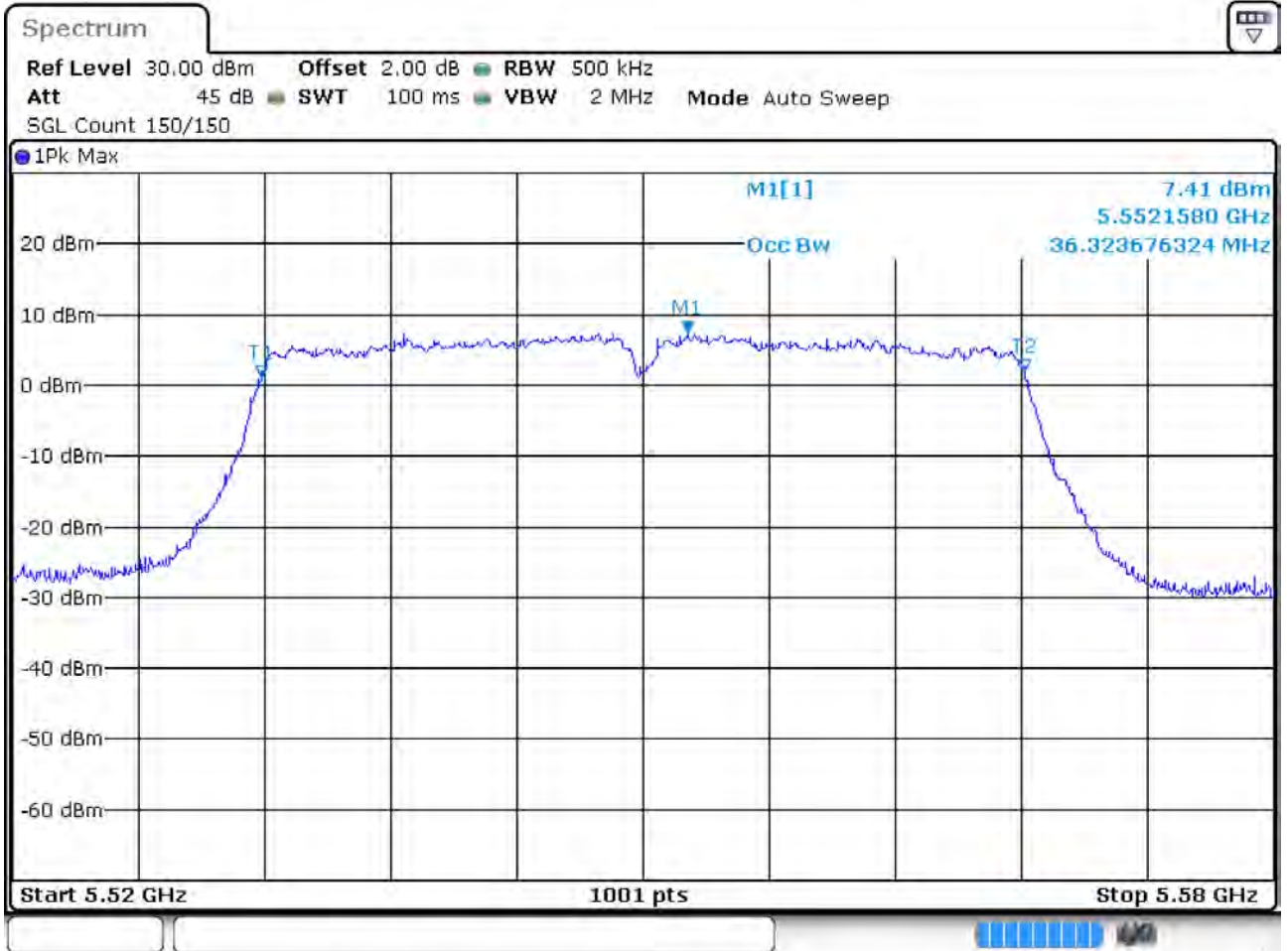
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4.7.2.51 11AC40\_110 ANT 1

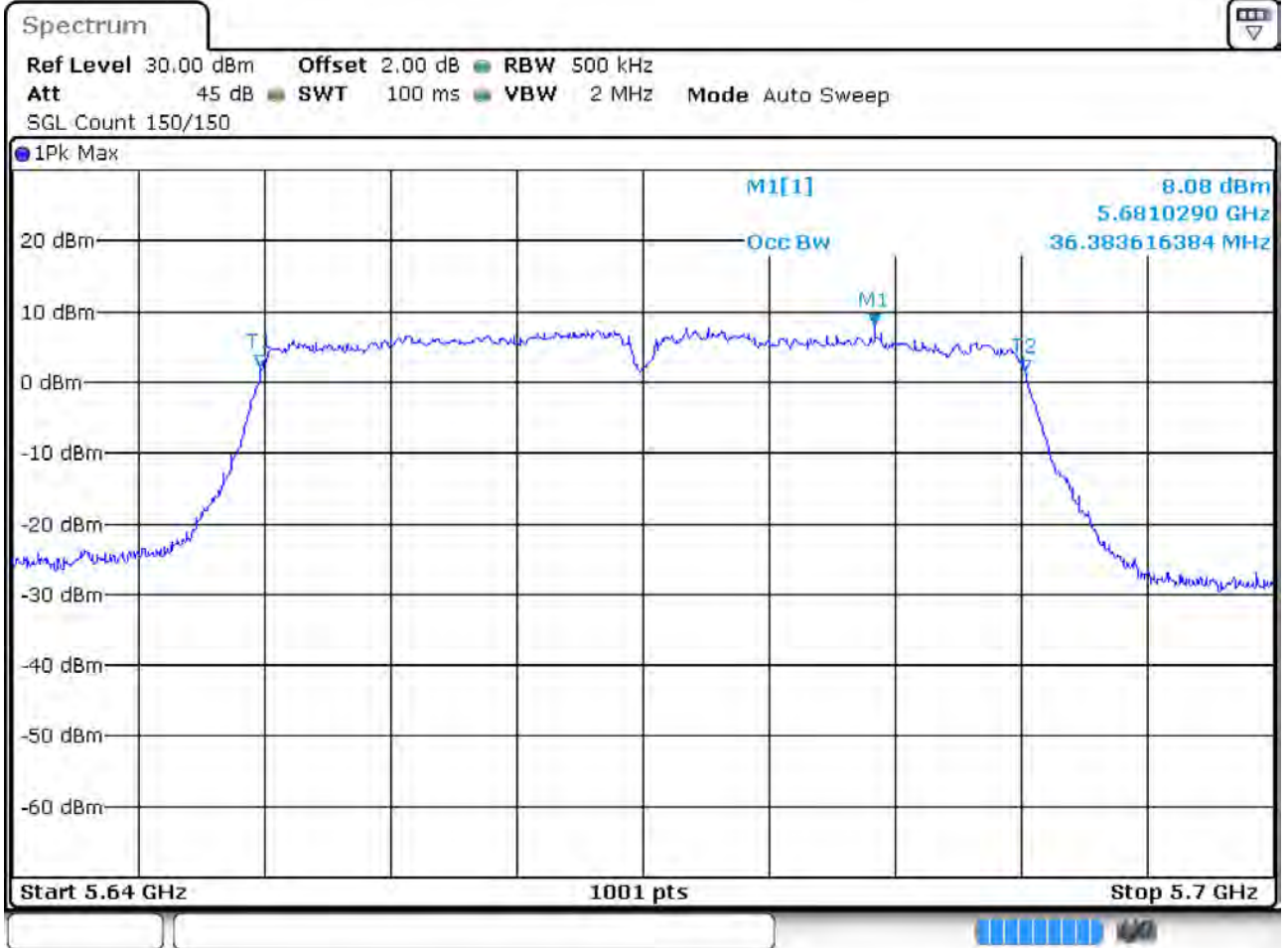


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**4.7.2.52 11AC40\_134 ANT 1**

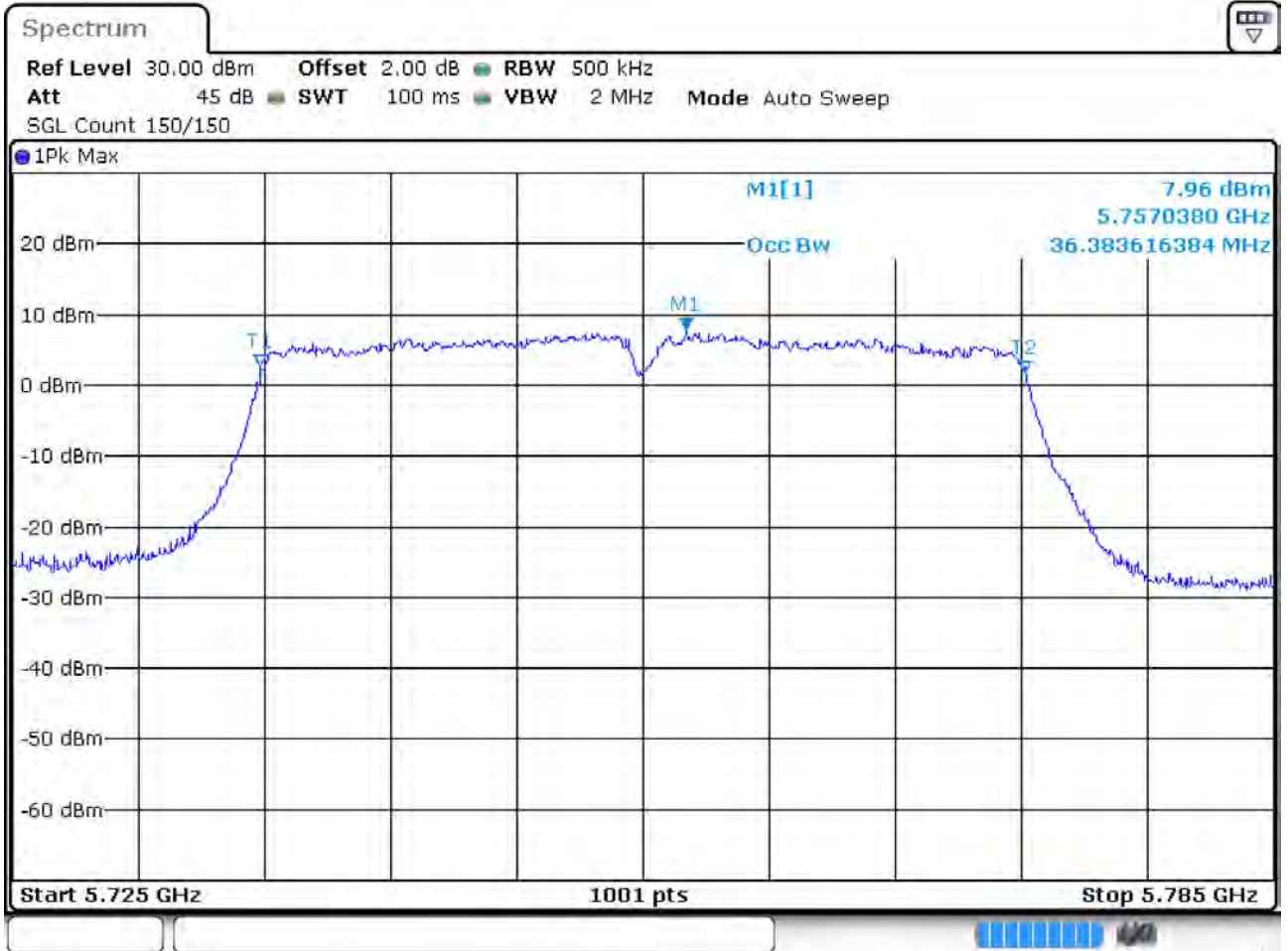


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4.7.2.53 11AC40\_151 ANT 1

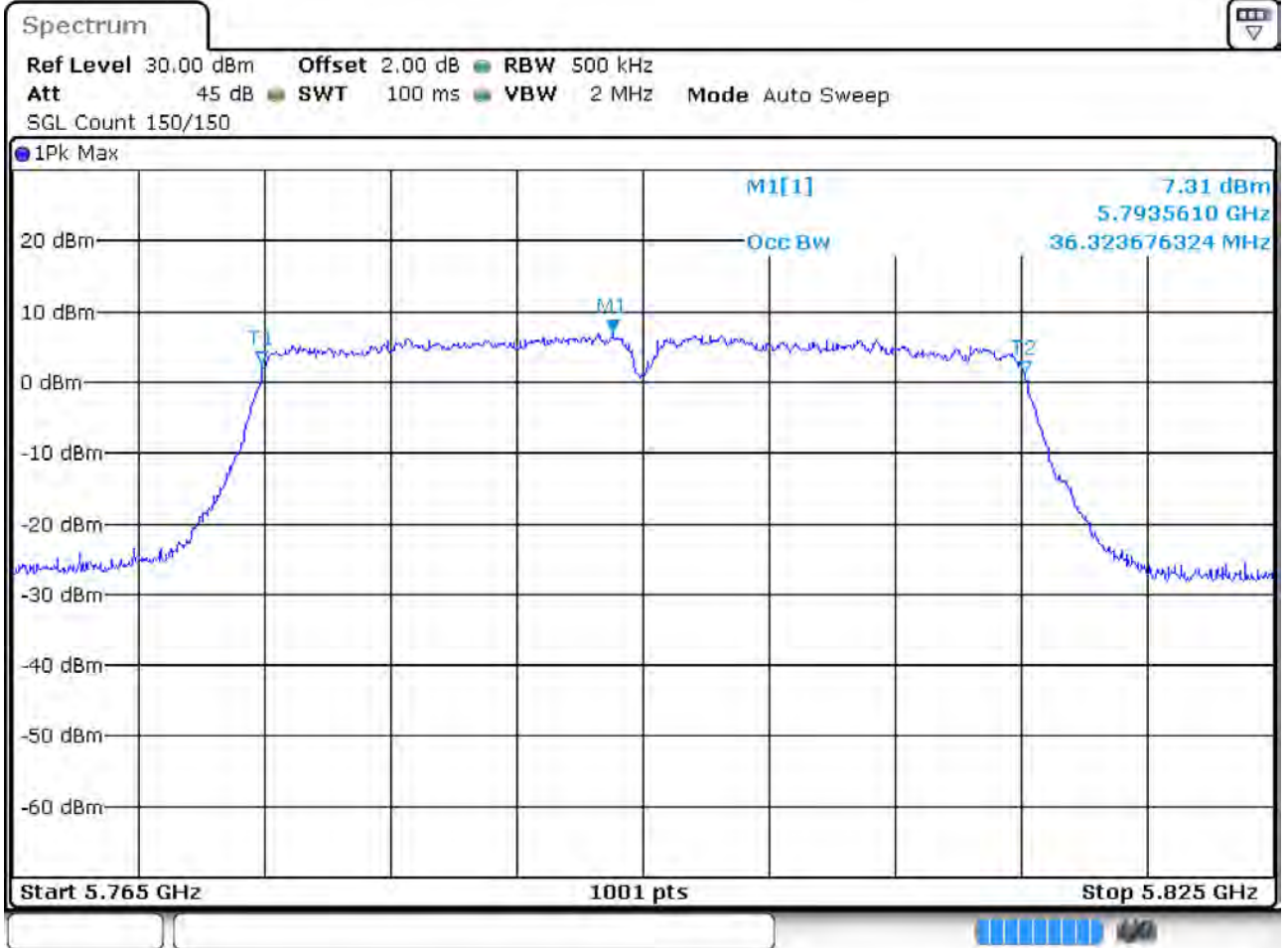


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4.7.2.54 11AC40\_159 ANT 1

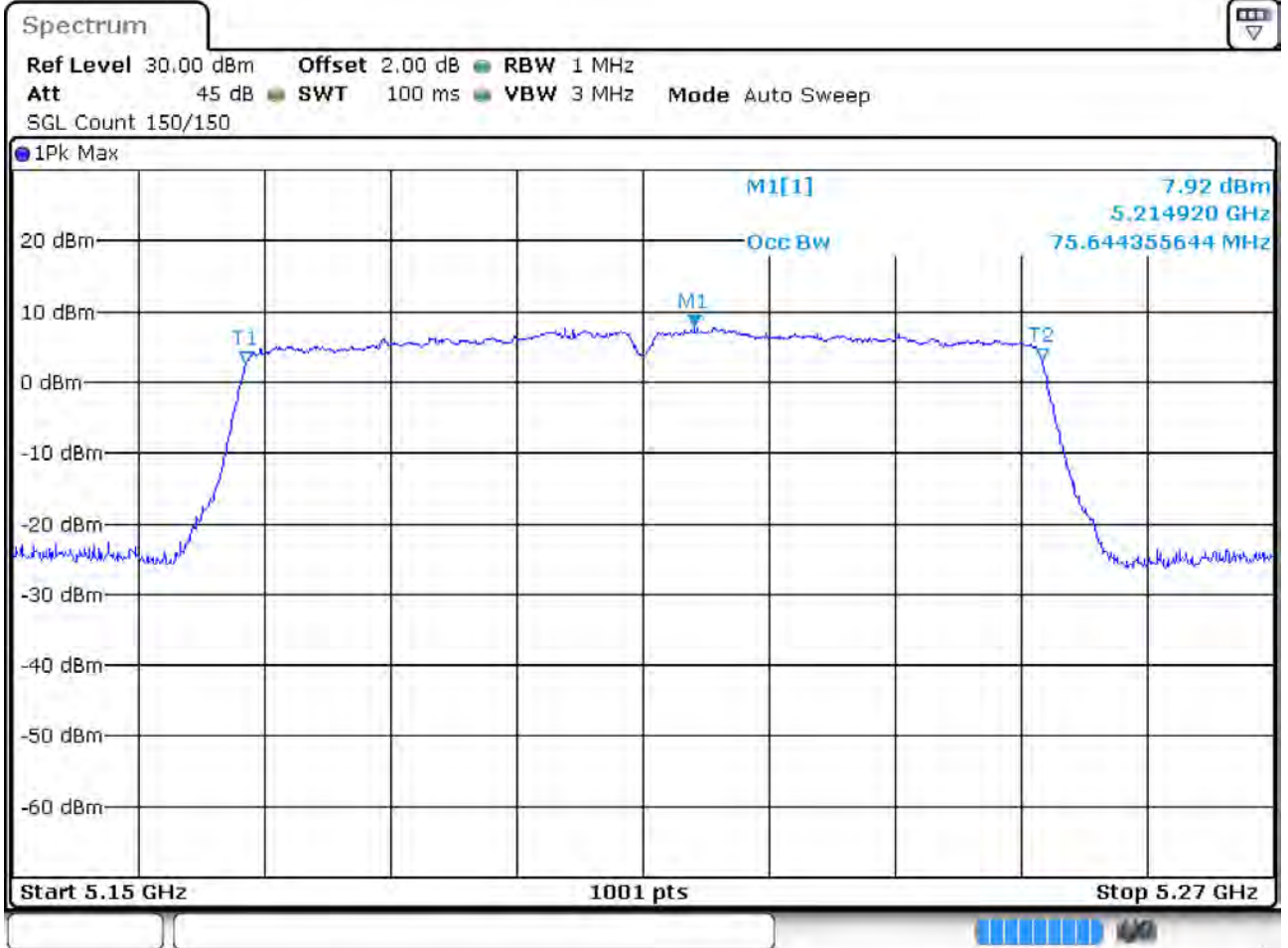


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4.7.2.55 11AC80\_42 ANT 1

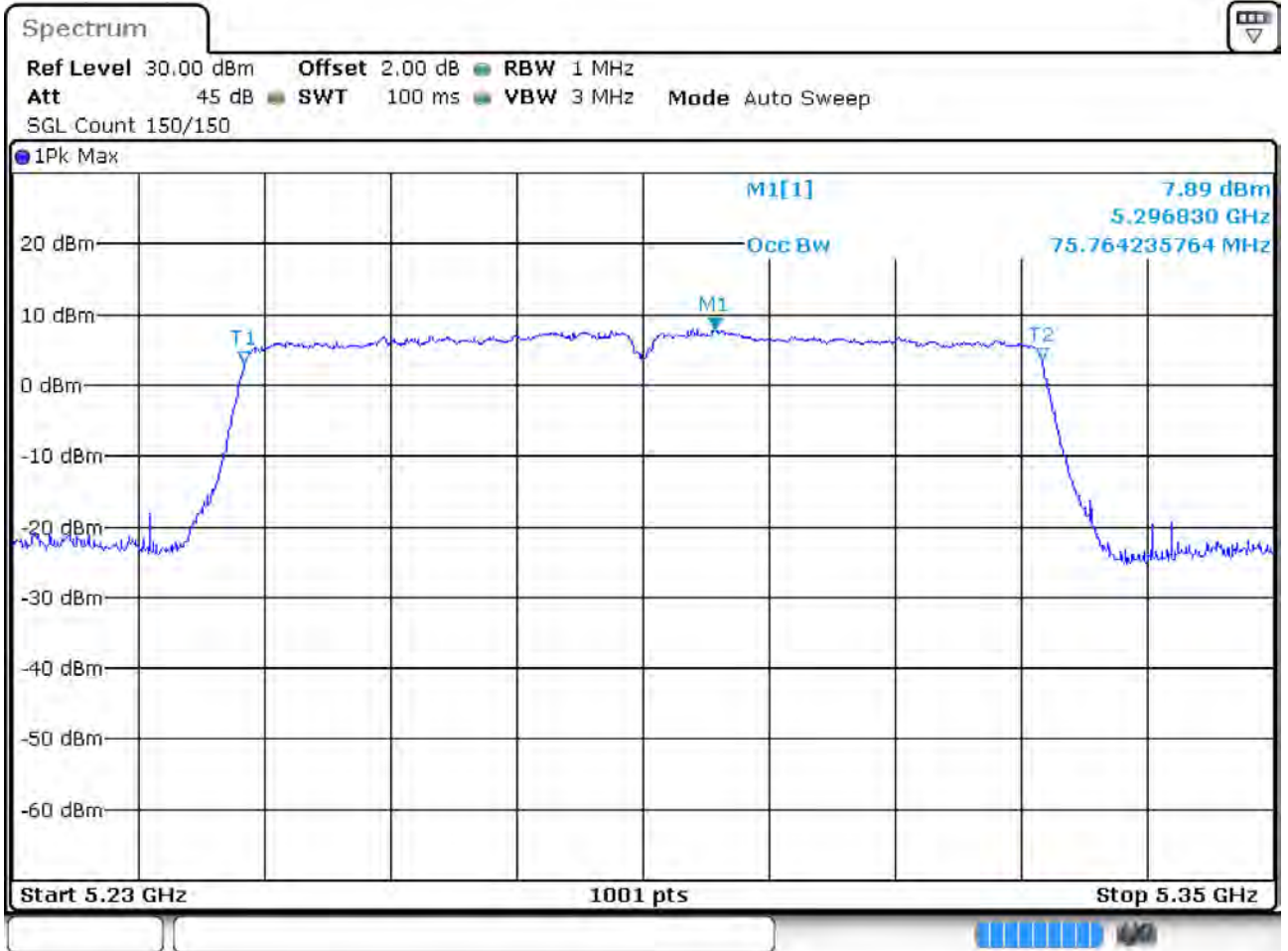


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4.7.2.56 11AC80\_58 ANT 1



Date: 13.OCT.2020 15:43:19



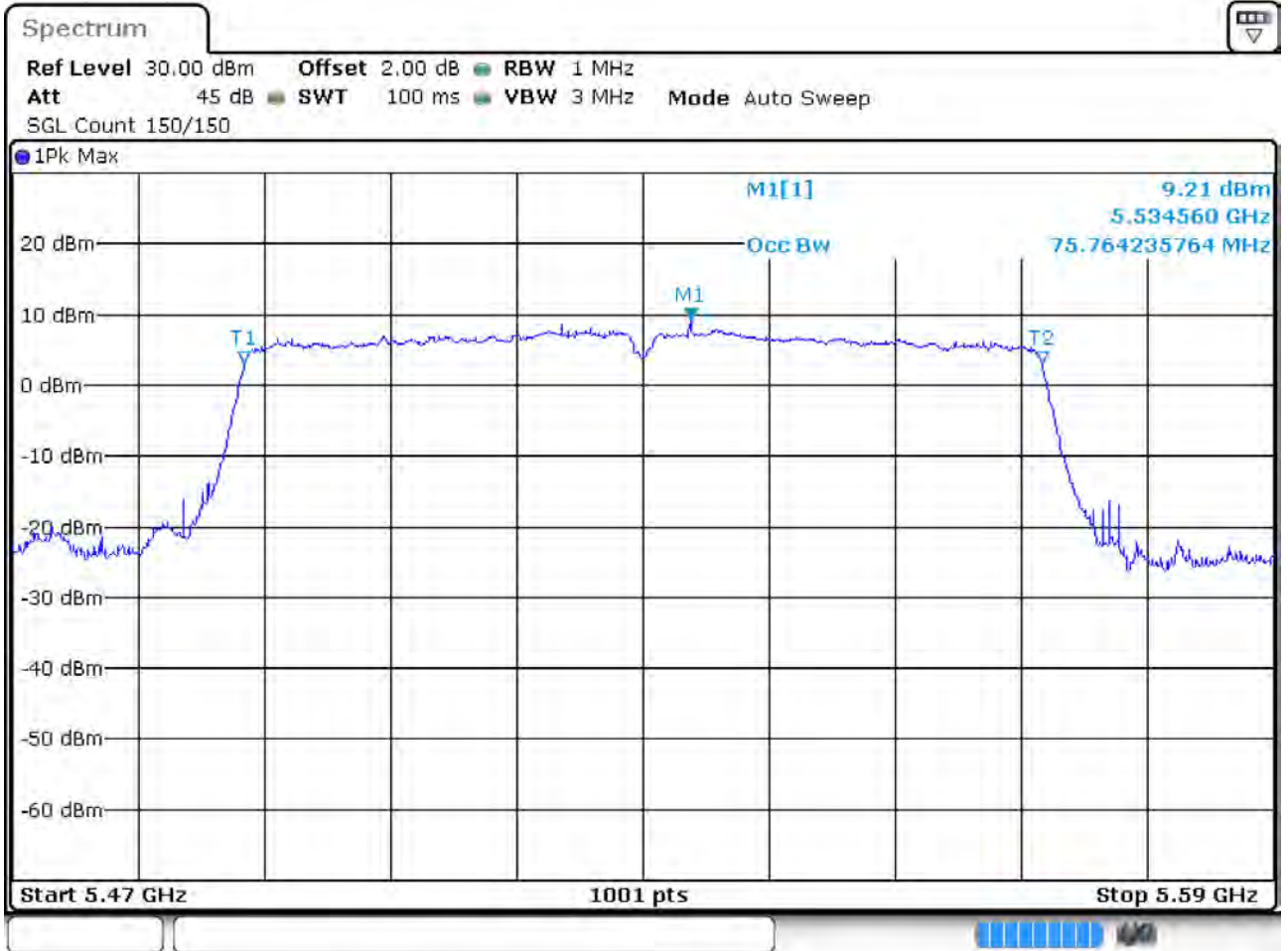
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4.7.2.57 11AC80\_106 ANT 1



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4.7.2.58 11AC80\_122 ANT 1

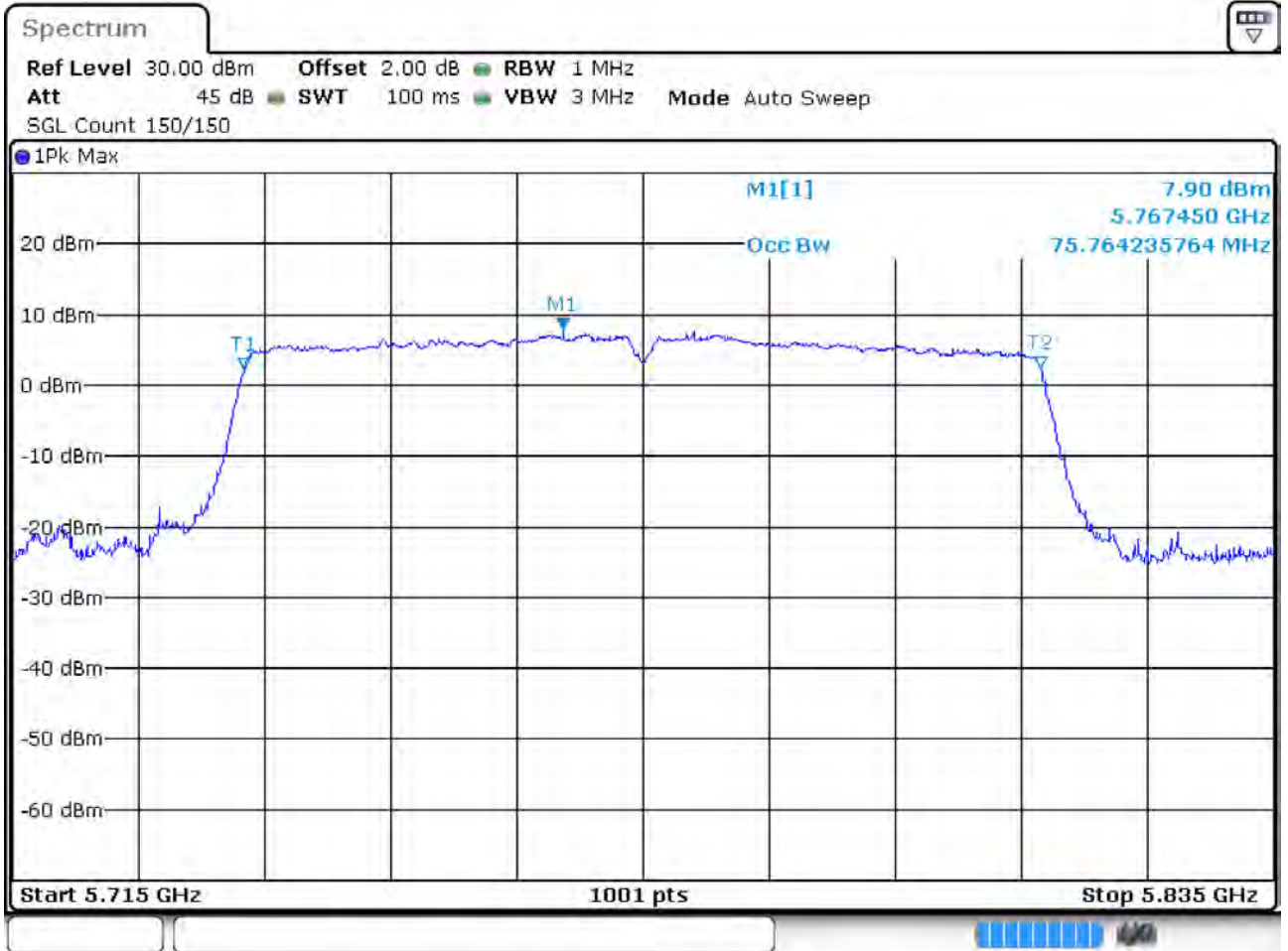


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4.7.2.59 11AC80\_155 ANT 1



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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 KDB 789033 D02 v02r01, Section F.	
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</p> <p>6Mbps of rate is the worst case of 802.11a;</p> <p>MCS0 of rate is the worst case of 802.11n(HT20);</p> <p>MCS0 of rate is the worst case of 802.11n(HT40);</p> <p>MCS0 of rate is the worst case of 802.11ac(HT20);</p> <p>MCS0 of rate is the worst case of 802.11ac(HT40);</p> <p>MCS0 of rate is the worst case of 802.11ac(HT80).</p> <p>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 Mode	Test Channel	Frequency [MHz]	Antenna Port	Corr'd. Level (Cond.) [dBm/1MHz(For UNII Band I/II)/500KHz(For UNII Band III)]	Verdict
11A20	36	5180	ANT 1	8.42	PASS
	44	5220	ANT 1	8.81	PASS
	48	5240	ANT 1	8.78	PASS
	52	5260	ANT 1	8.69	PASS
	60	5300	ANT 1	8.92	PASS
	64	5320	ANT 1	9.07	PASS
	100	5500	ANT 1	8.71	PASS
	116	5580	ANT 1	8.3	PASS
	140	5700	ANT 1	8.34	PASS
	149	5745	ANT 1	5.8	PASS
	157	5785	ANT 1	5.55	PASS
	161	5805	ANT 1	5.33	PASS
11N20	36	5180	ANT 1	7.07	PASS
	44	5220	ANT 1	7.55	PASS
	48	5240	ANT 1	7.45	PASS
	52	5260	ANT 1	7.41	PASS
	60	5300	ANT 1	7.62	PASS
	64	5320	ANT 1	7.91	PASS
	100	5500	ANT 1	7.58	PASS
	116	5580	ANT 1	7.32	PASS
	140	5700	ANT 1	7.38	PASS
	149	5745	ANT 1	4.79	PASS
	157	5785	ANT 1	4.47	PASS
	161	5805	ANT 1	4.15	PASS
11N40	38	5190	ANT 1	4.89	PASS
	46	5230	ANT 1	5.19	PASS
	54	5270	ANT 1	4.97	PASS
	62	5310	ANT 1	5.24	PASS
	102	5510	ANT 1	5.07	PASS



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	110	5550	ANT 1	4.91	PASS
	134	5670	ANT 1	4.93	PASS
	151	5755	ANT 1	2.19	PASS
	159	5795	ANT 1	1.66	PASS
11AC20	36	5180	ANT 1	5.44	PASS
	44	5220	ANT 1	5.94	PASS
	48	5240	ANT 1	5.83	PASS
	52	5260	ANT 1	5.77	PASS
	60	5300	ANT 1	5.93	PASS
	64	5320	ANT 1	6.35	PASS
	100	5500	ANT 1	6.09	PASS
	116	5580	ANT 1	5.63	PASS
	140	5700	ANT 1	5.9	PASS
	149	5745	ANT 1	3.08	PASS
	157	5785	ANT 1	2.59	PASS
	161	5805	ANT 1	4.16	PASS
11AC40	38	5190	ANT 1	1.72	PASS
	46	5230	ANT 1	2.27	PASS
	54	5270	ANT 1	2.14	PASS
	62	5310	ANT 1	2.48	PASS
	102	5510	ANT 1	2.38	PASS
	110	5550	ANT 1	2.13	PASS
	134	5670	ANT 1	2.37	PASS
	151	5755	ANT 1	-0.46	PASS
	159	5795	ANT 1	-1.14	PASS
11AC80	42	5210	ANT 1	-1.34	PASS
	58	5290	ANT 1	-1.11	PASS
	106	5530	ANT 1	-1.01	PASS
	122	5610	ANT 1	-1.45	PASS
	155	5775	ANT 1	-4.13	PASS

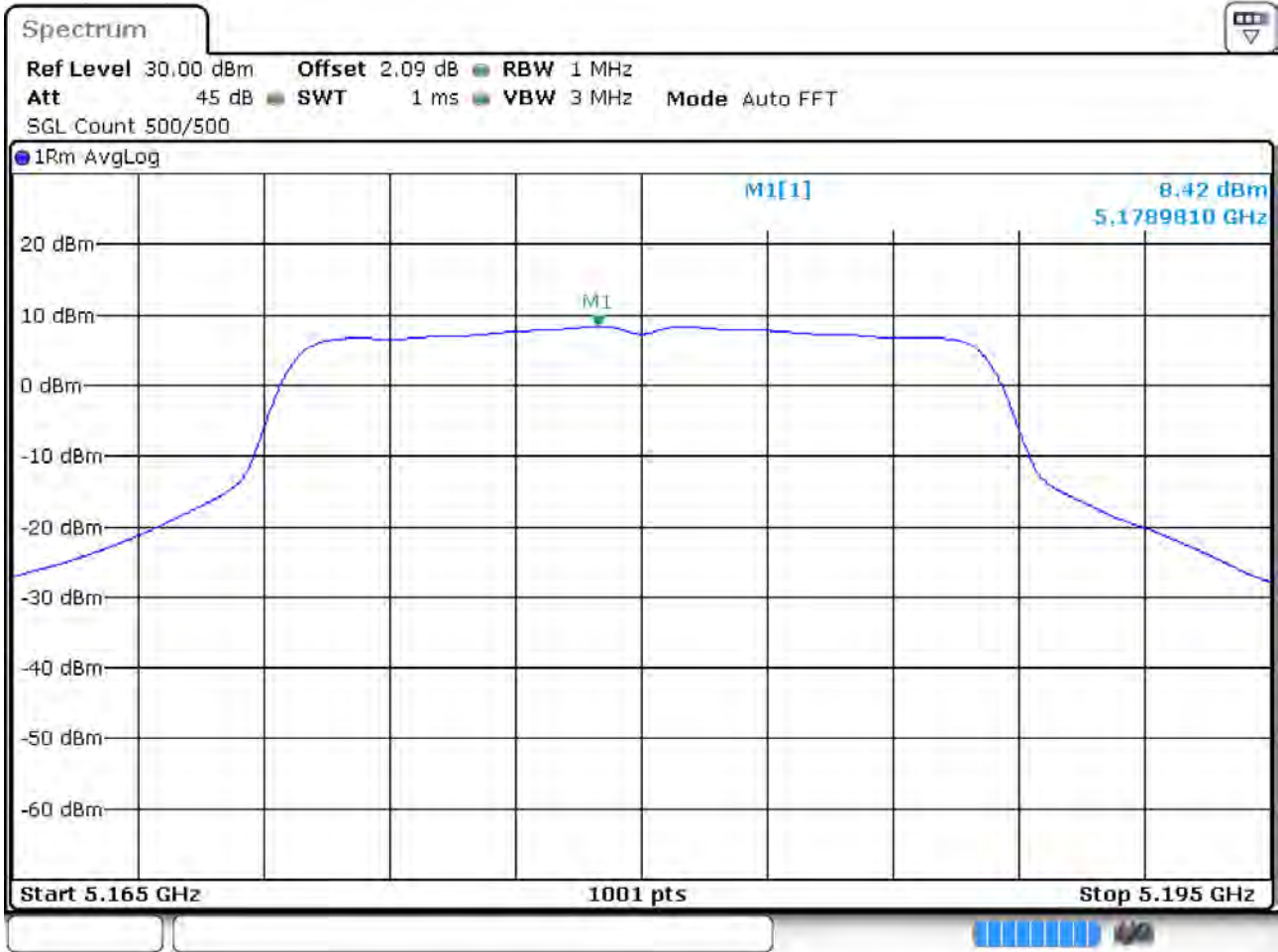


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### 4.8.2 Test plots For Power Density

#### 4.8.2.1 11A20\_36 ANT 1



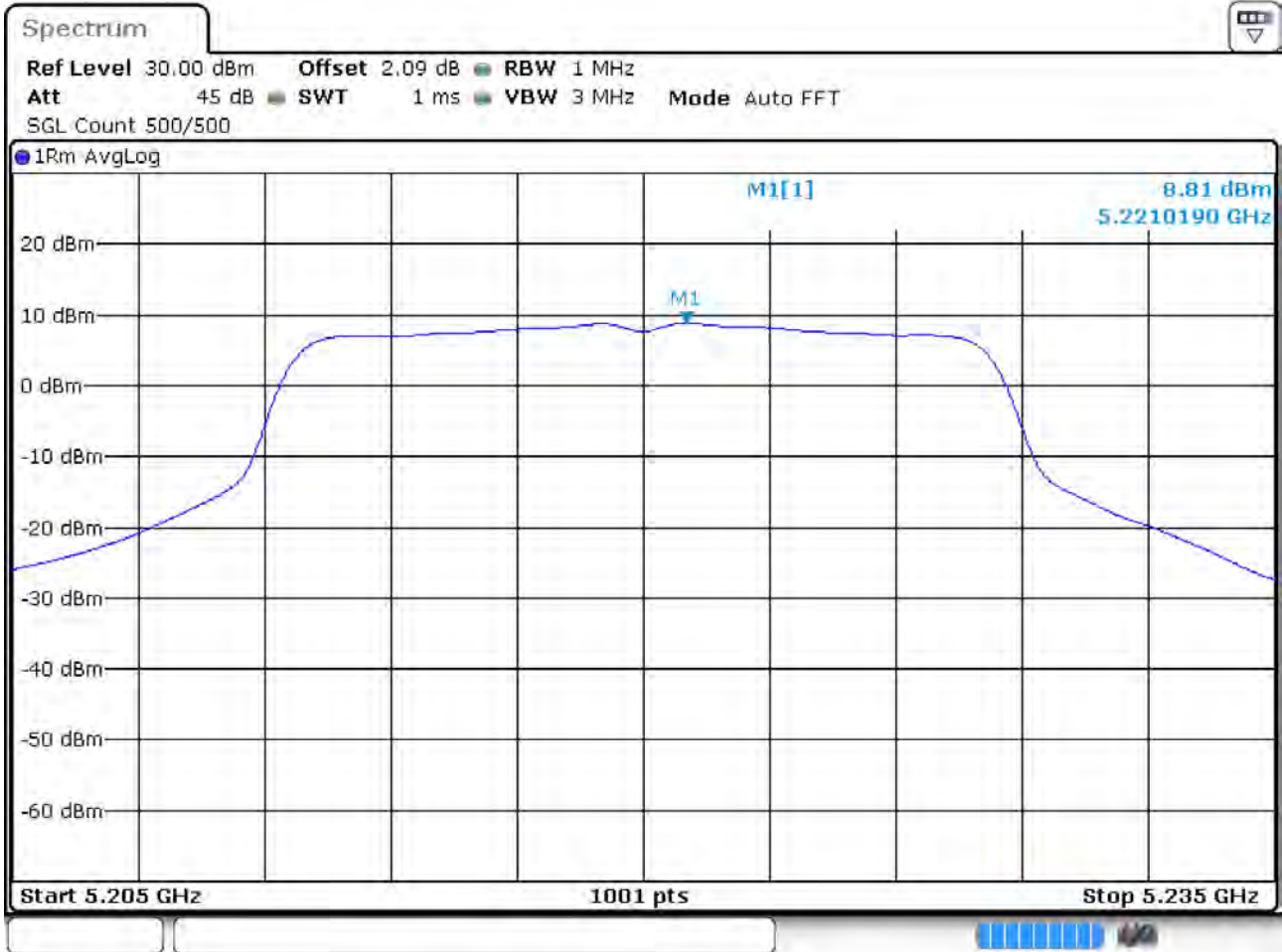
Date: 13.OCT.2020 11:18:39



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4.8.2.2 11A20\_44 ANT 1



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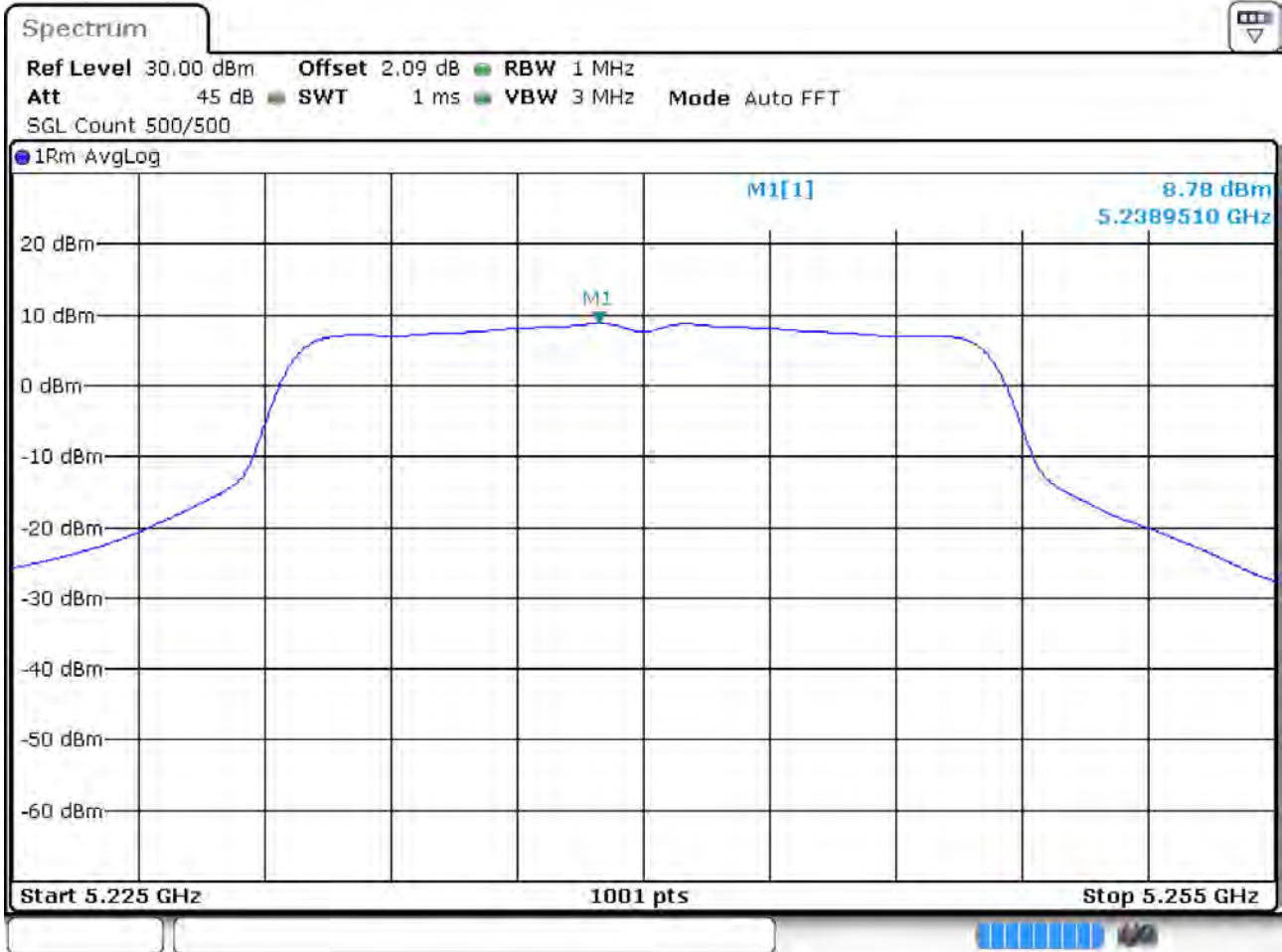


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4.8.2.3 11A20\_48 ANT 1

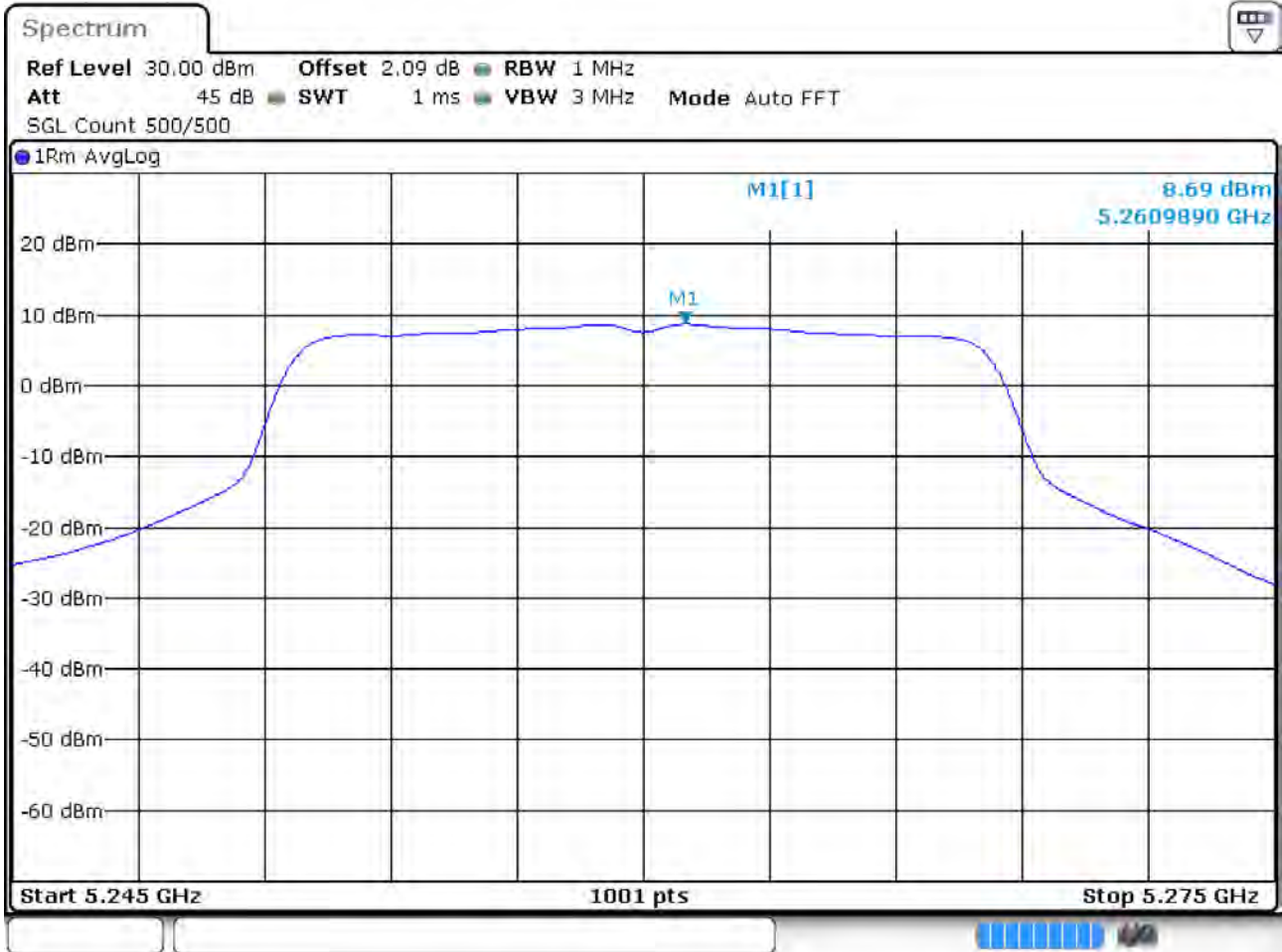


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**4.8.2.4 11A20\_52 ANT 1**



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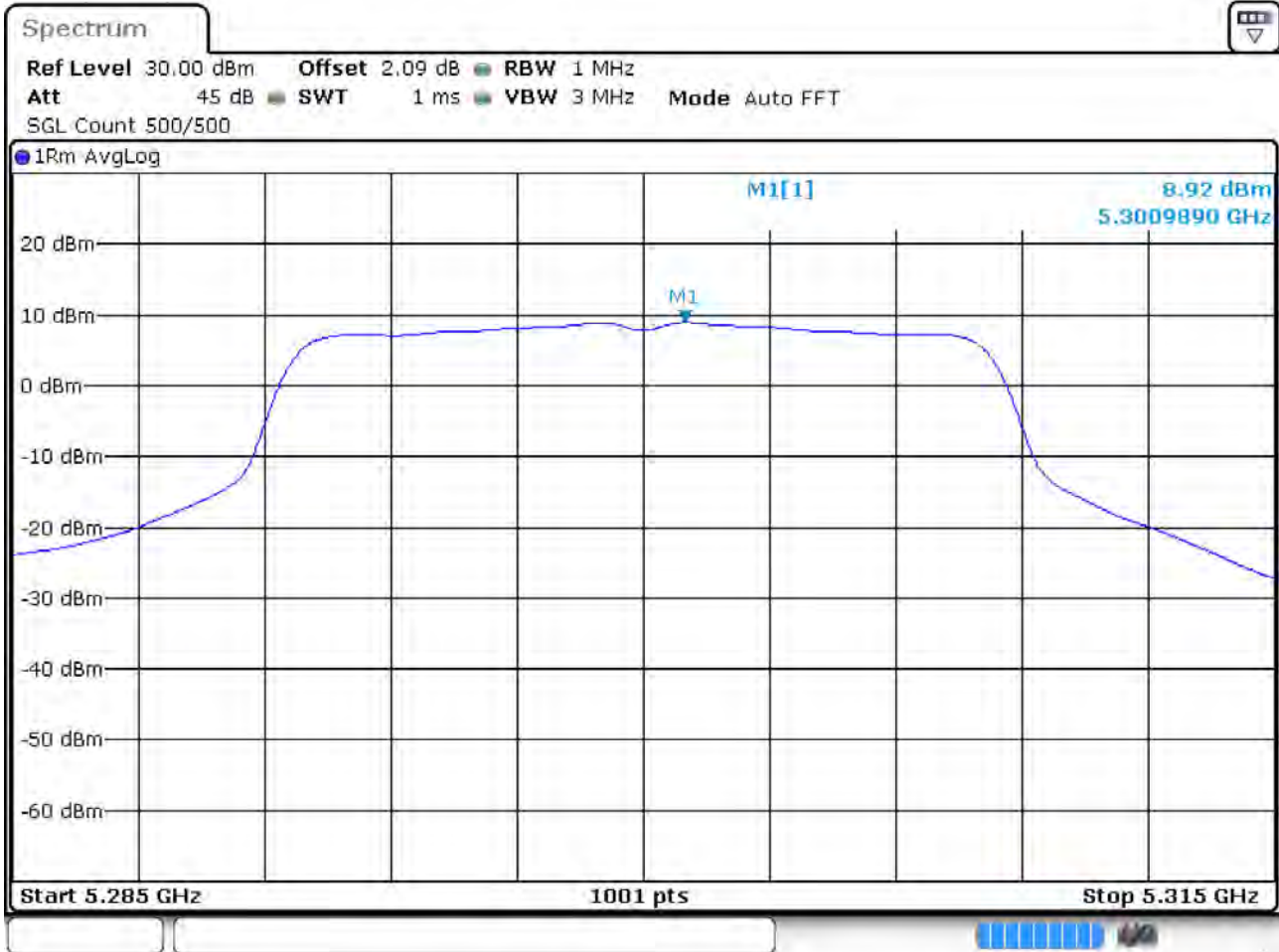


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**4.8.2.5 11A20\_60 ANT 1**



Date: 13.OCT.2020 11:27:45

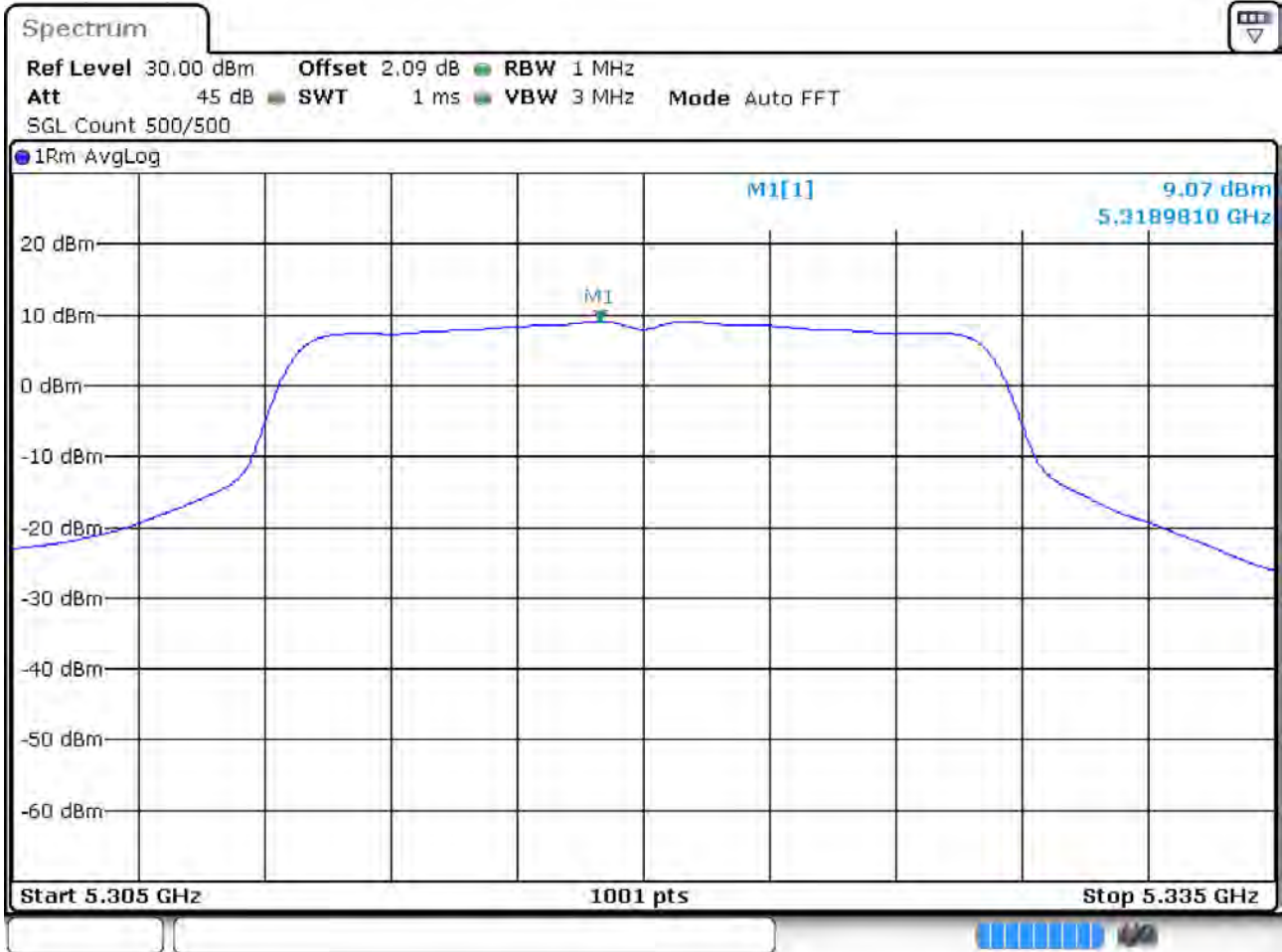


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 Shenzhen Branch Inspection & Testing Laboratory

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4.8.2.6 11A20\_64 ANT 1

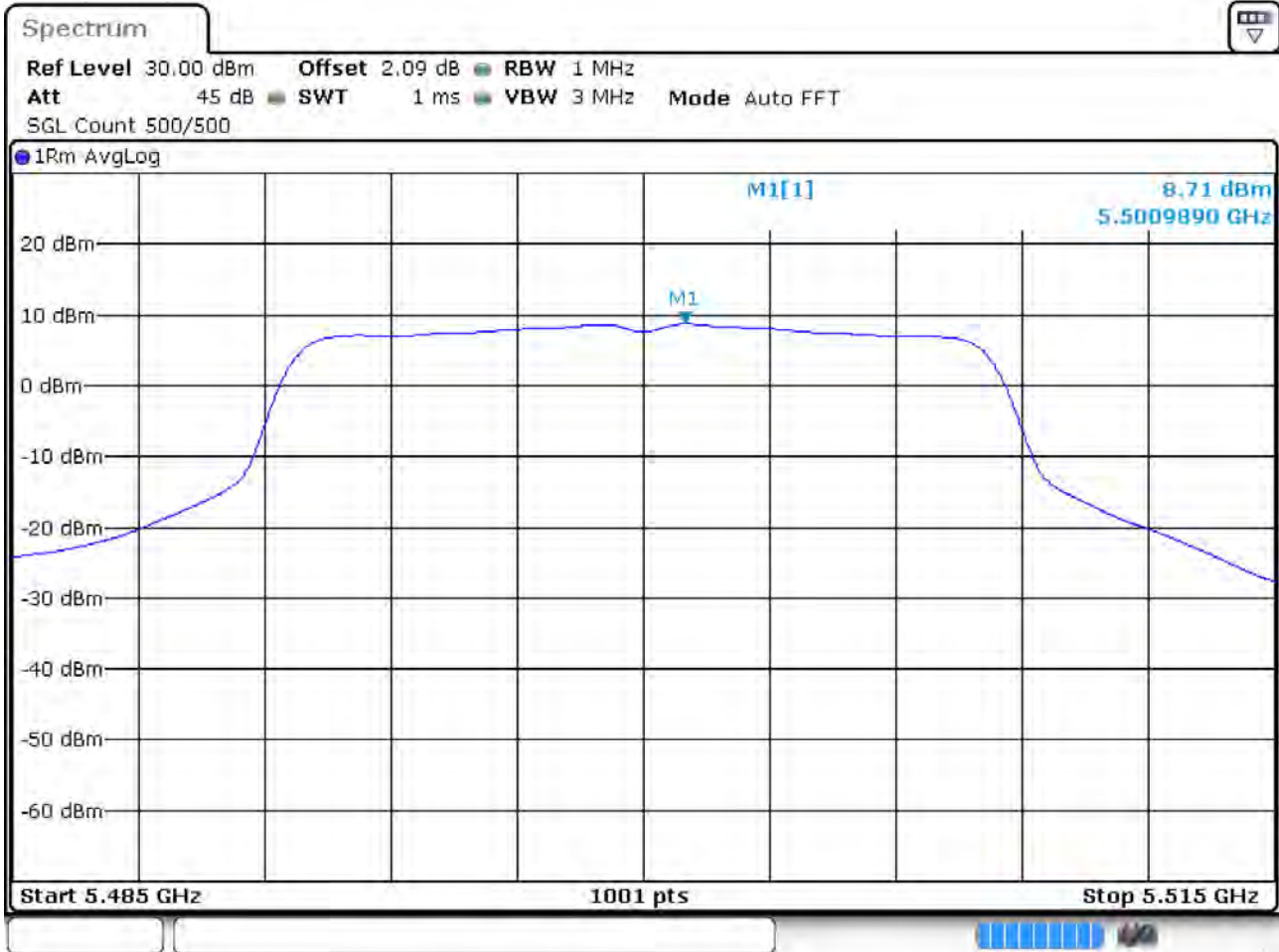


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4.8.2.7 11A20\_100 ANT 1

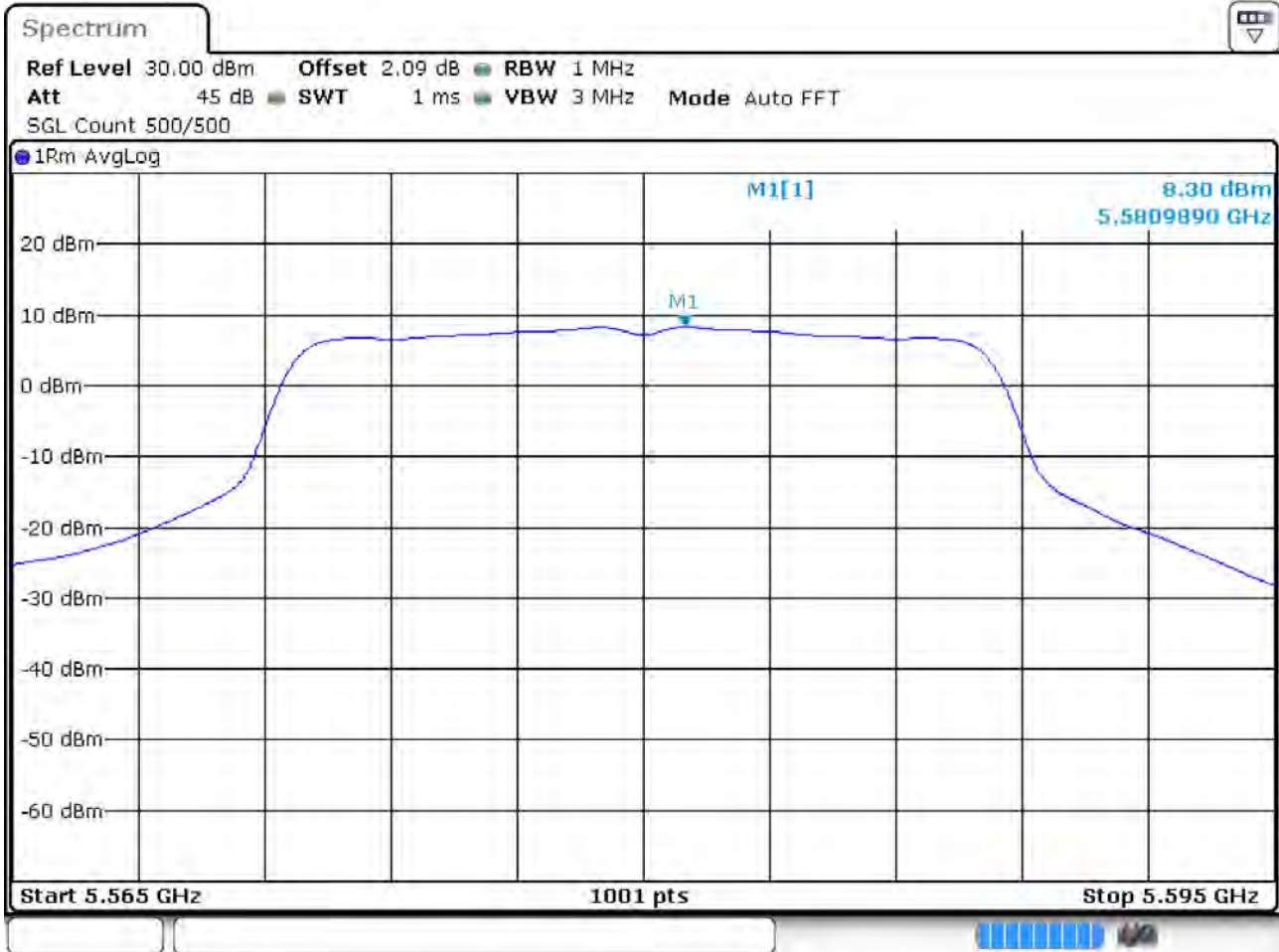


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4.8.2.8 11A20\_116 ANT 1

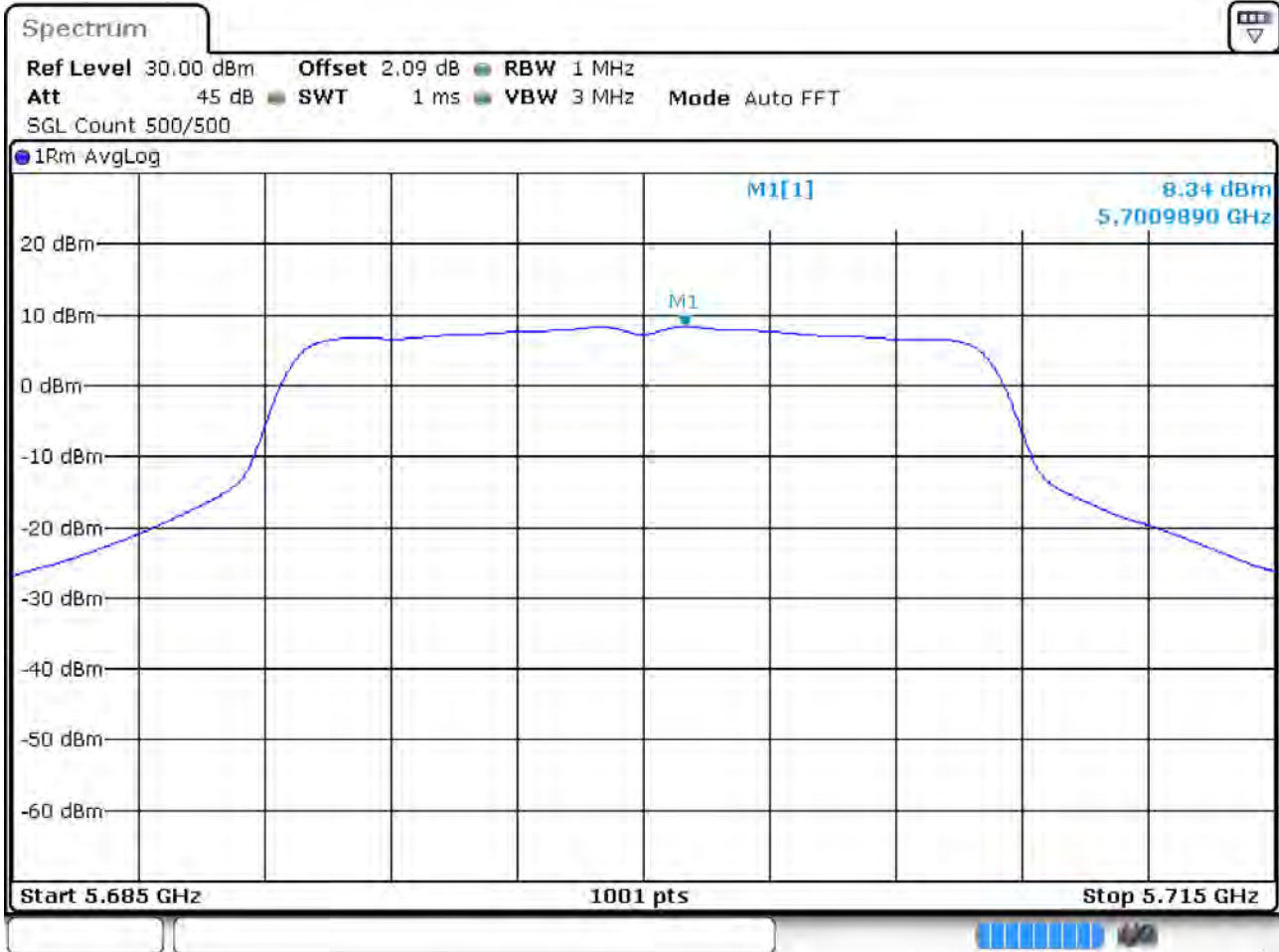


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4.8.2.9 11A20\_140 ANT 1

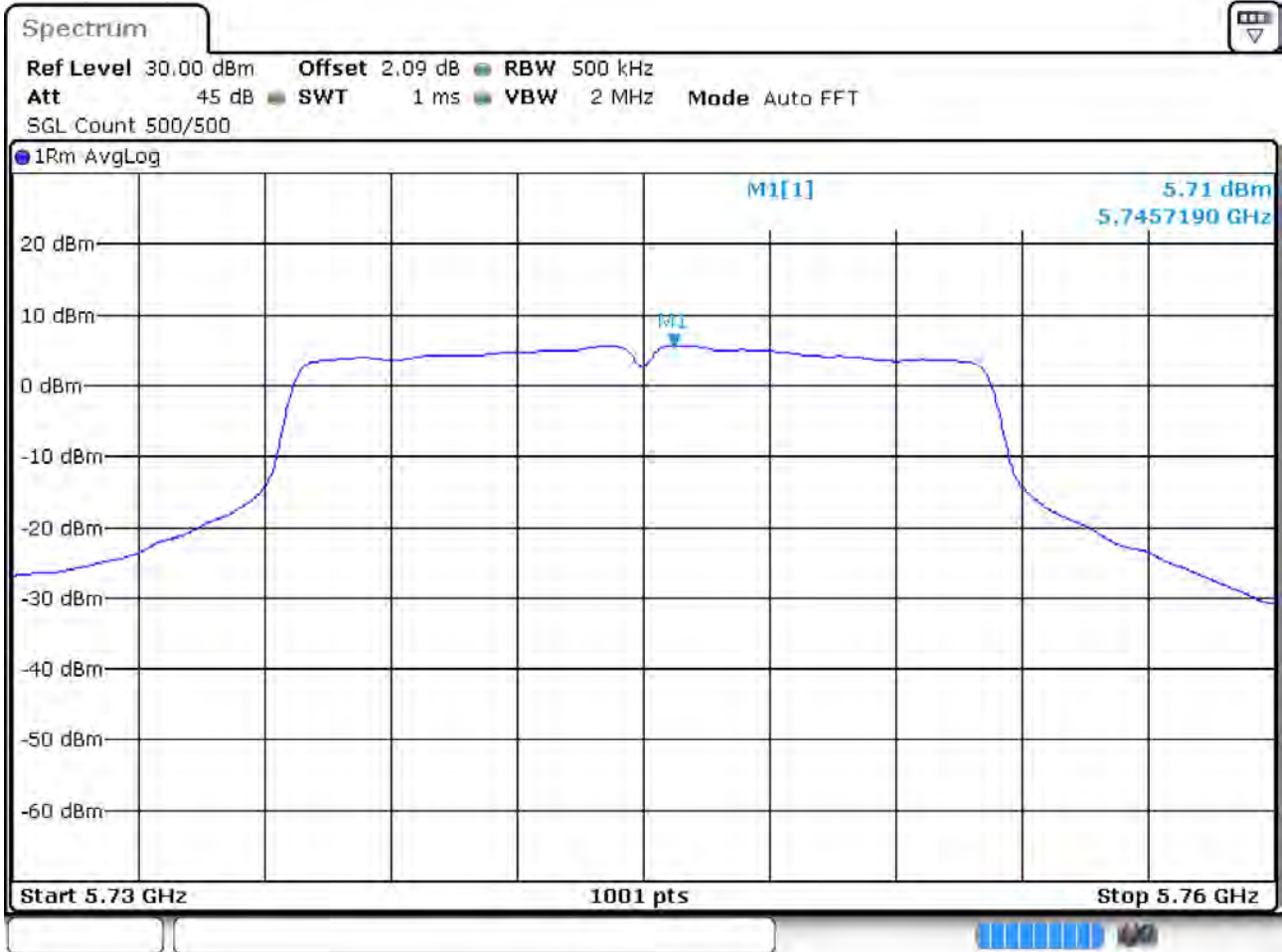


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4.8.2.10 11A20\_149 ANT 1



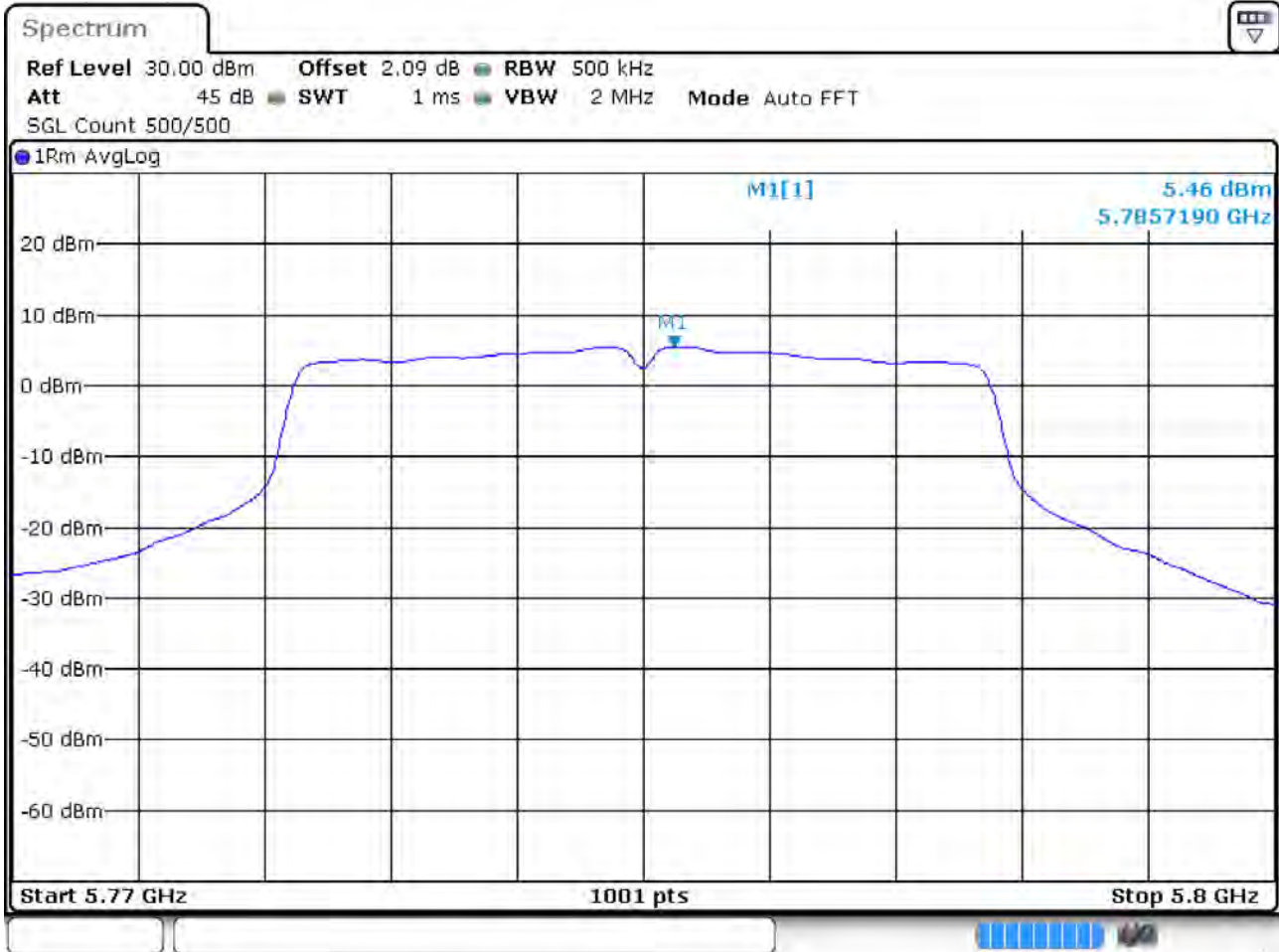
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**4.8.2.11 11A20\_157 ANT 1**

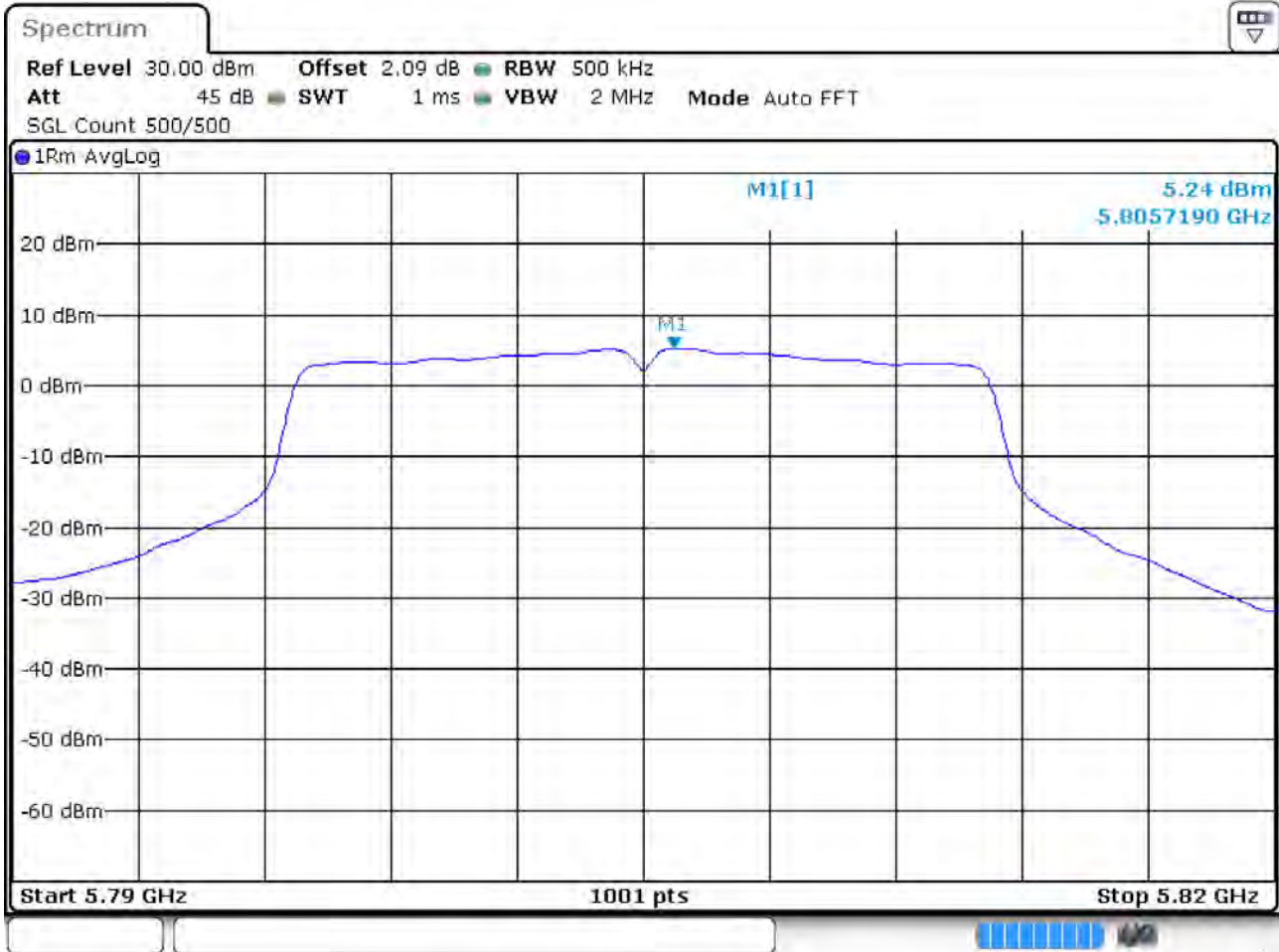


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**4.8.2.12 11A20\_161 ANT 1**

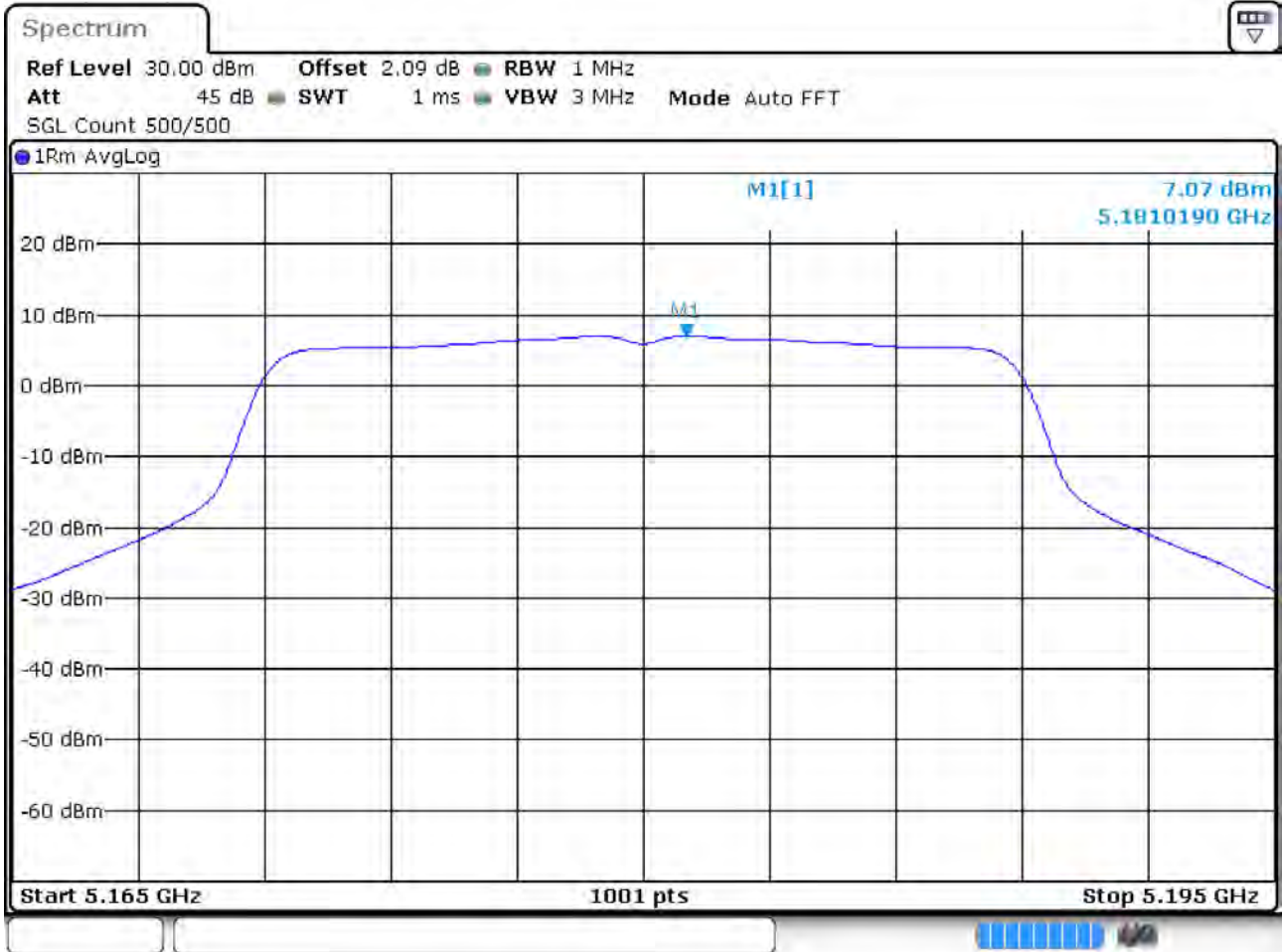


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4.8.2.13 11N20\_36 ANT 1

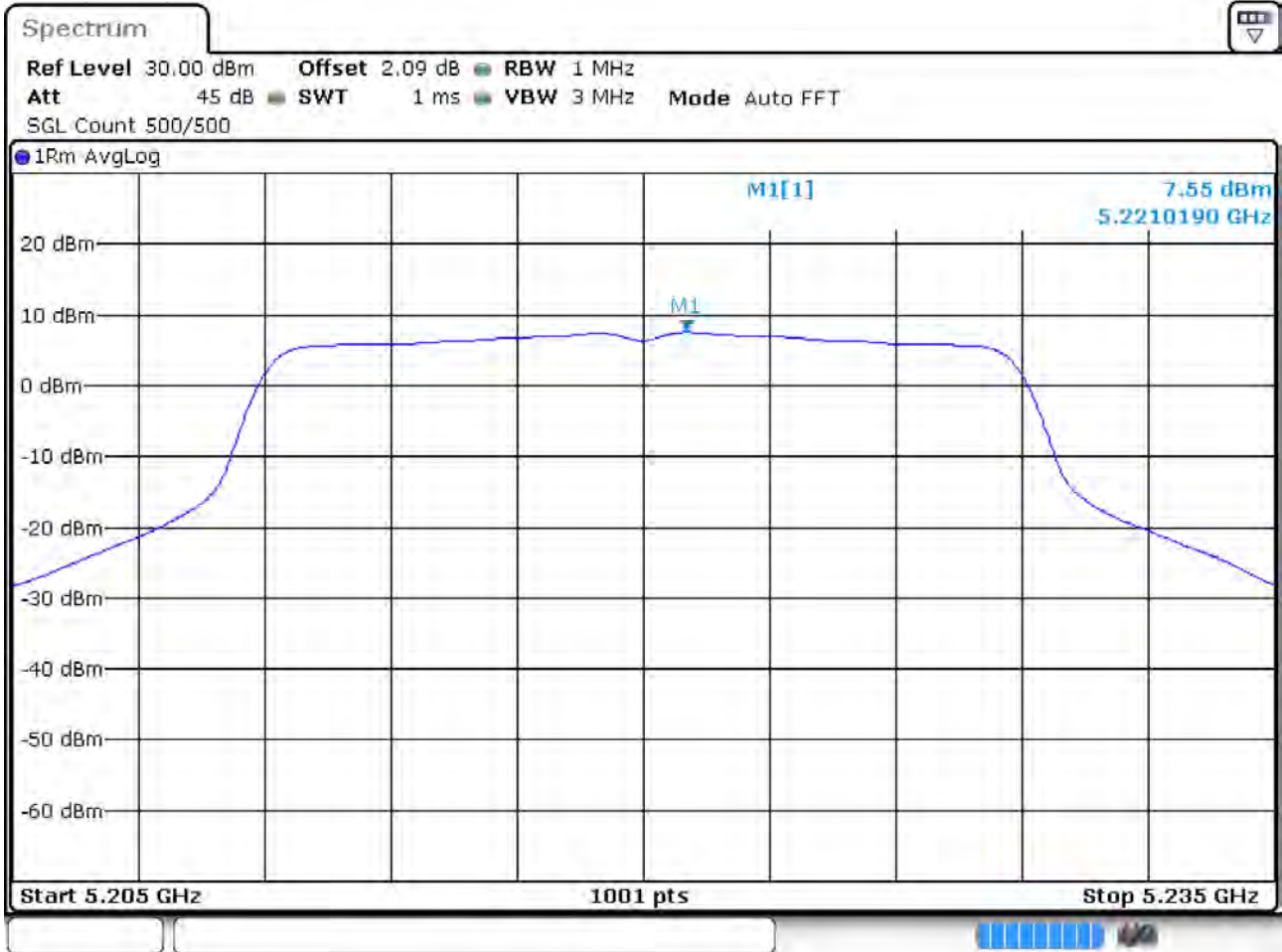


Date: 13.OCT.2020 11:55:52



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4.8.2.14 11N20\_44 ANT 1

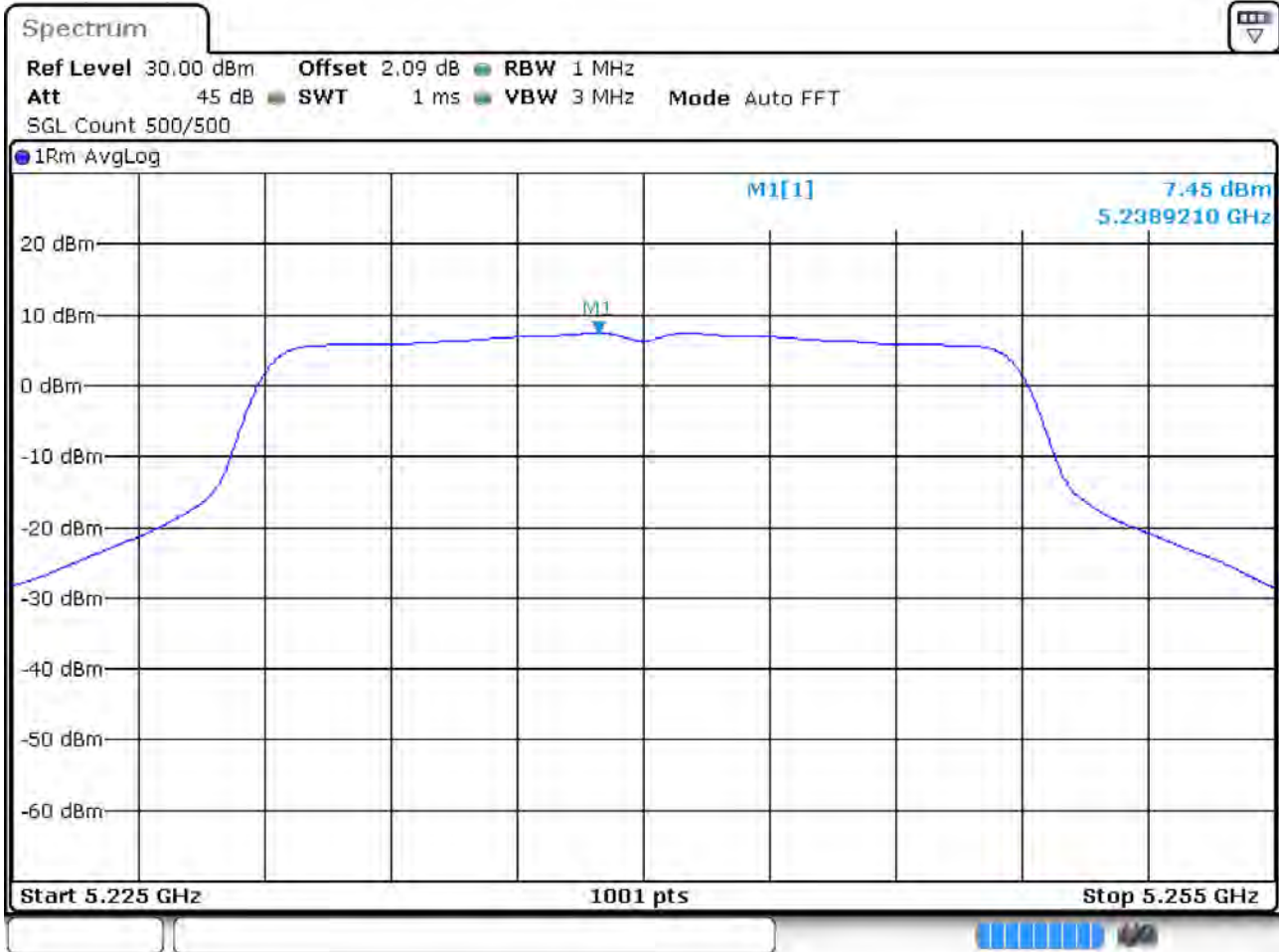


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4.8.2.15 11N20\_48 ANT 1



Date: 13.OCT.2020 12:01:25

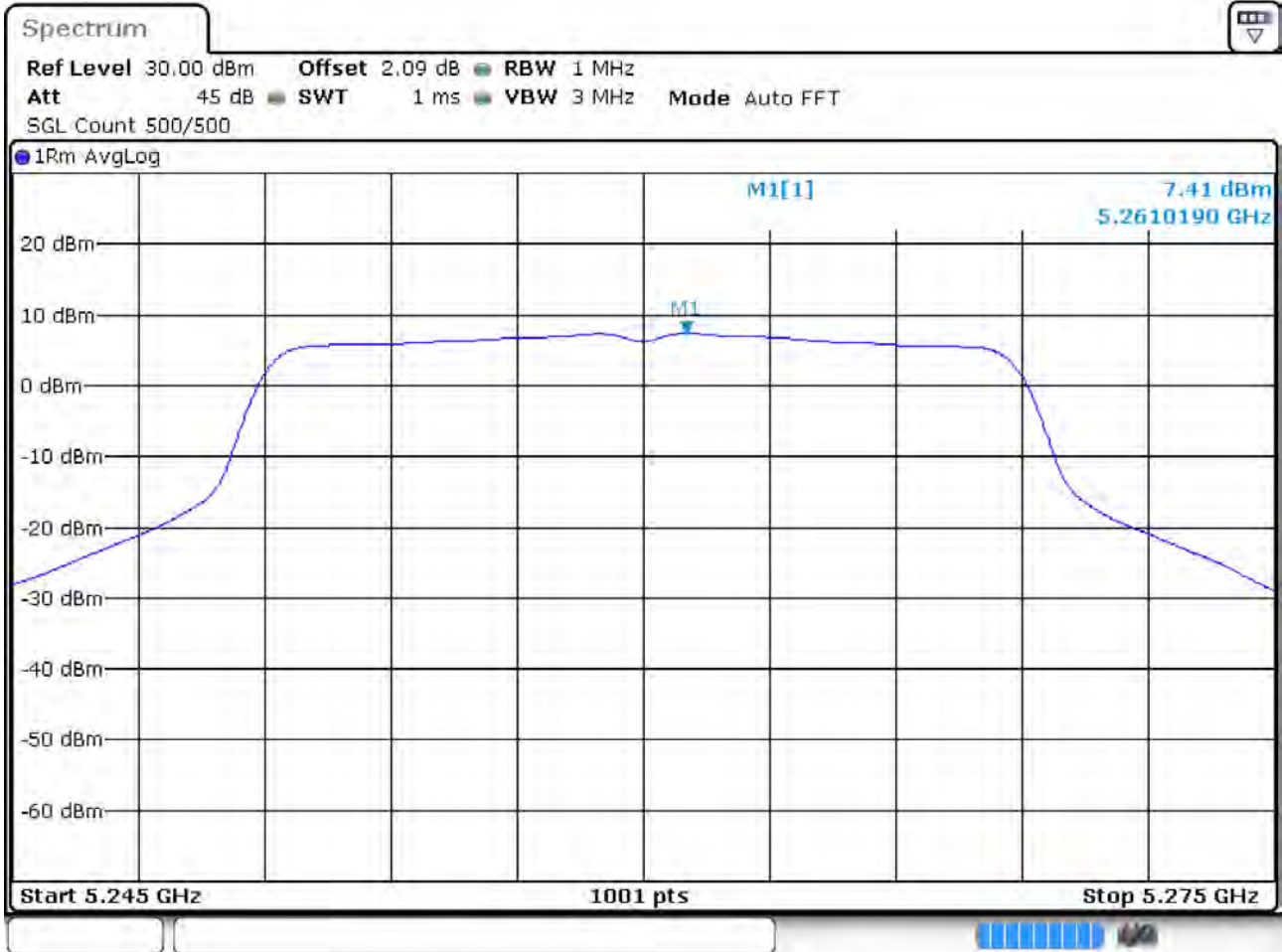


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**4.8.2.16 11N20\_52 ANT 1**



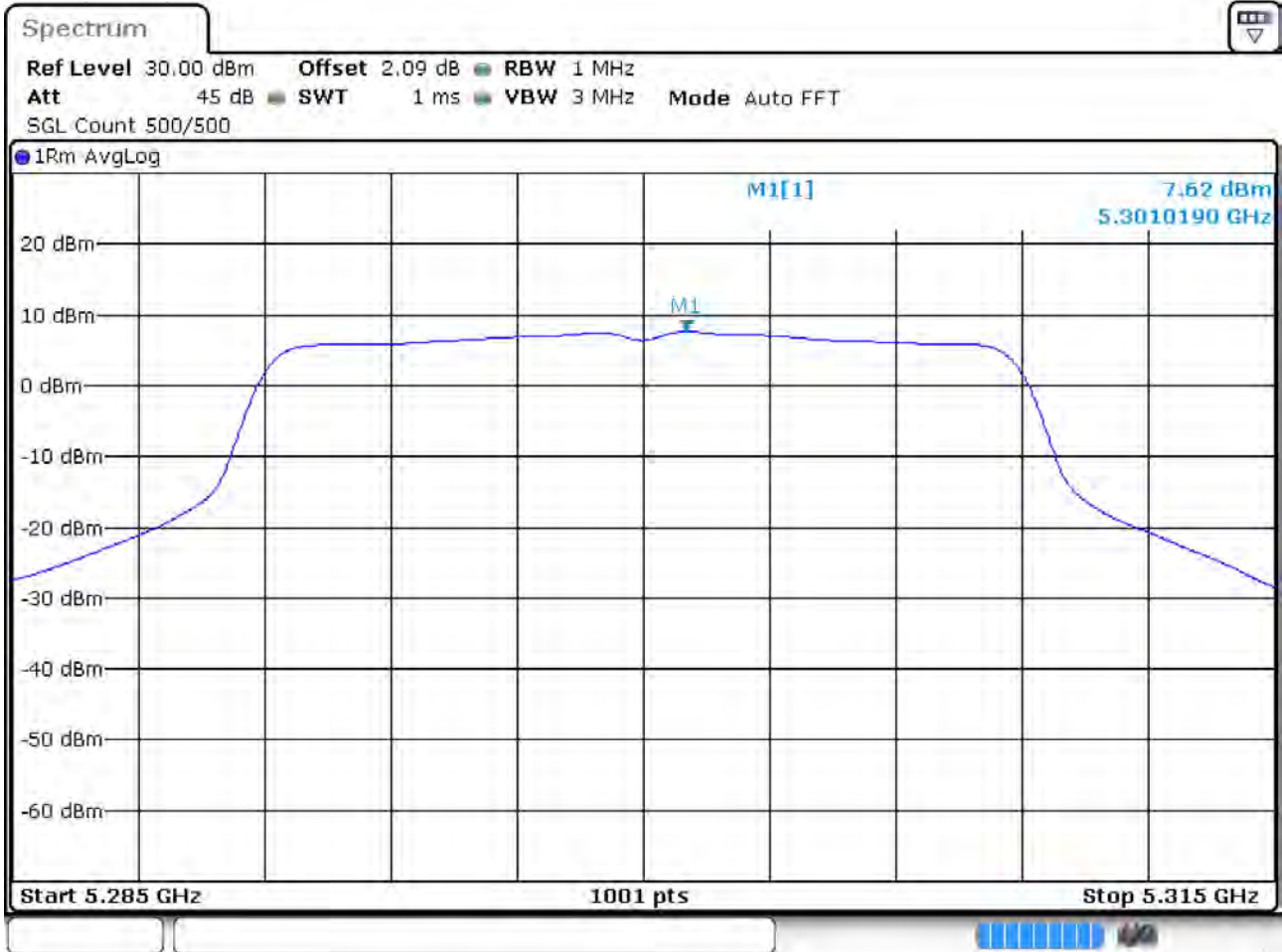
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**4.8.2.17 11N20\_60 ANT 1**

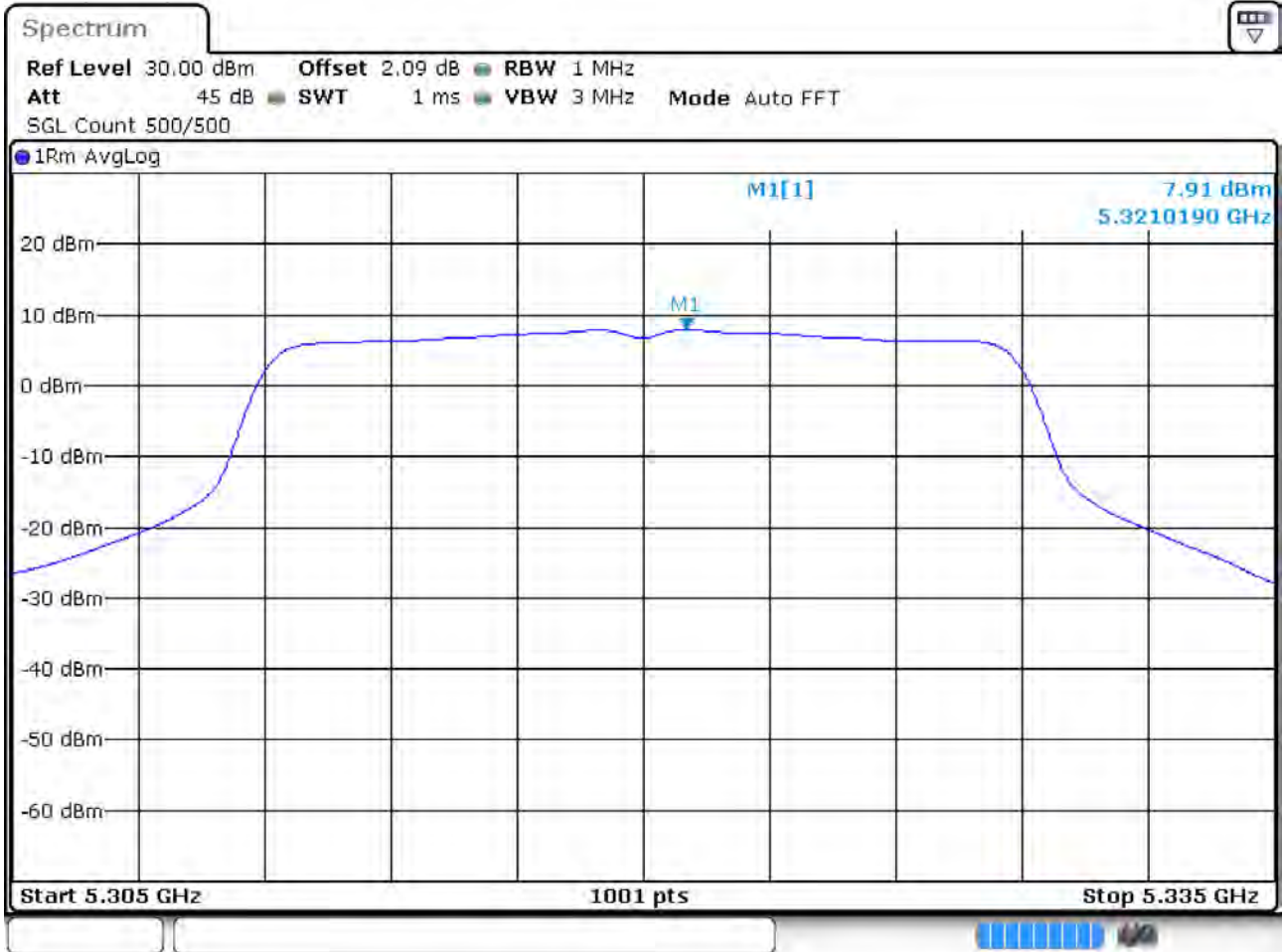


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4.8.2.18 11N20\_64 ANT 1



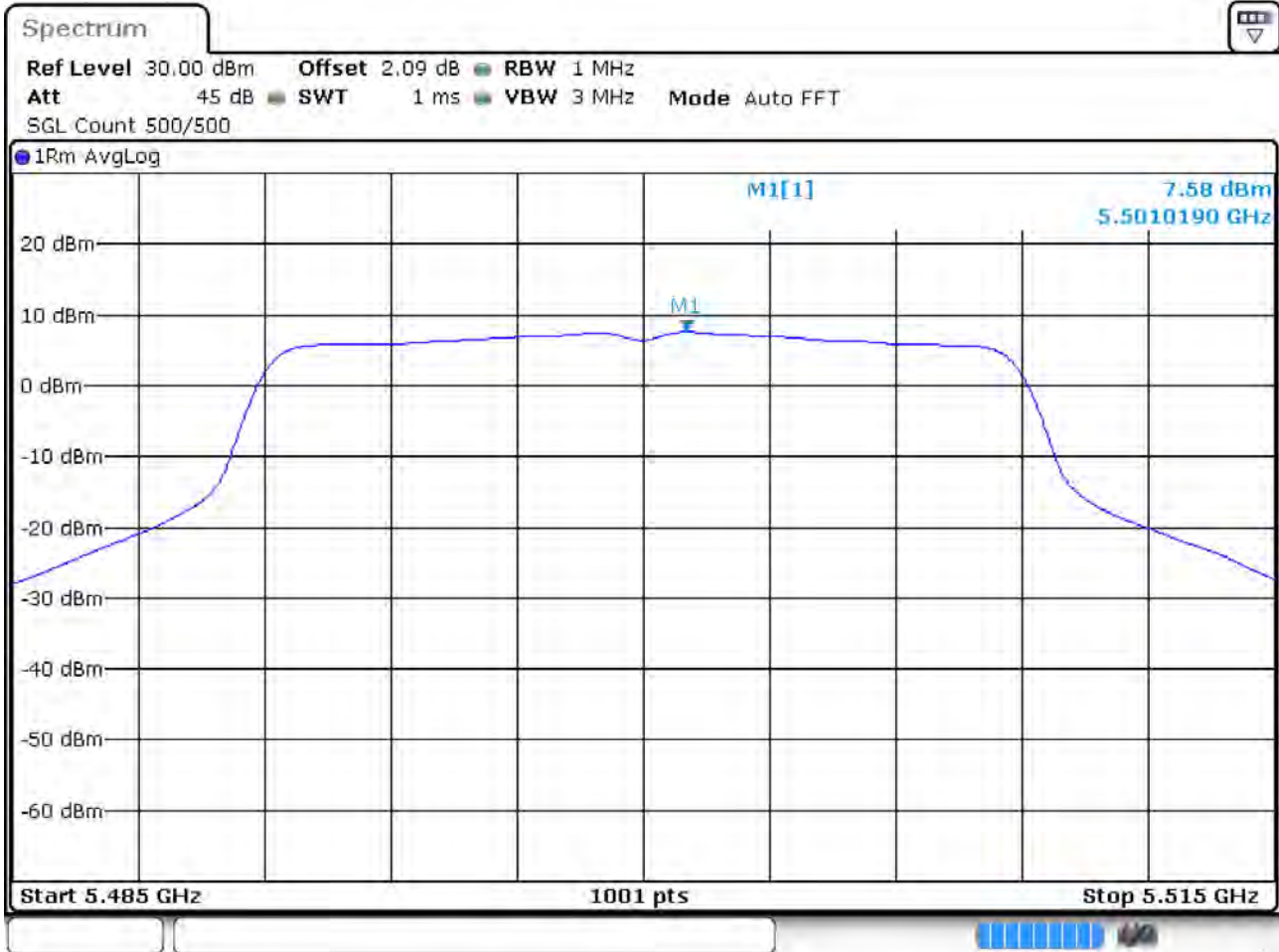
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4.8.2.19 11N20\_100 ANT 1



Date: 13.OCT.2020 12:12:54

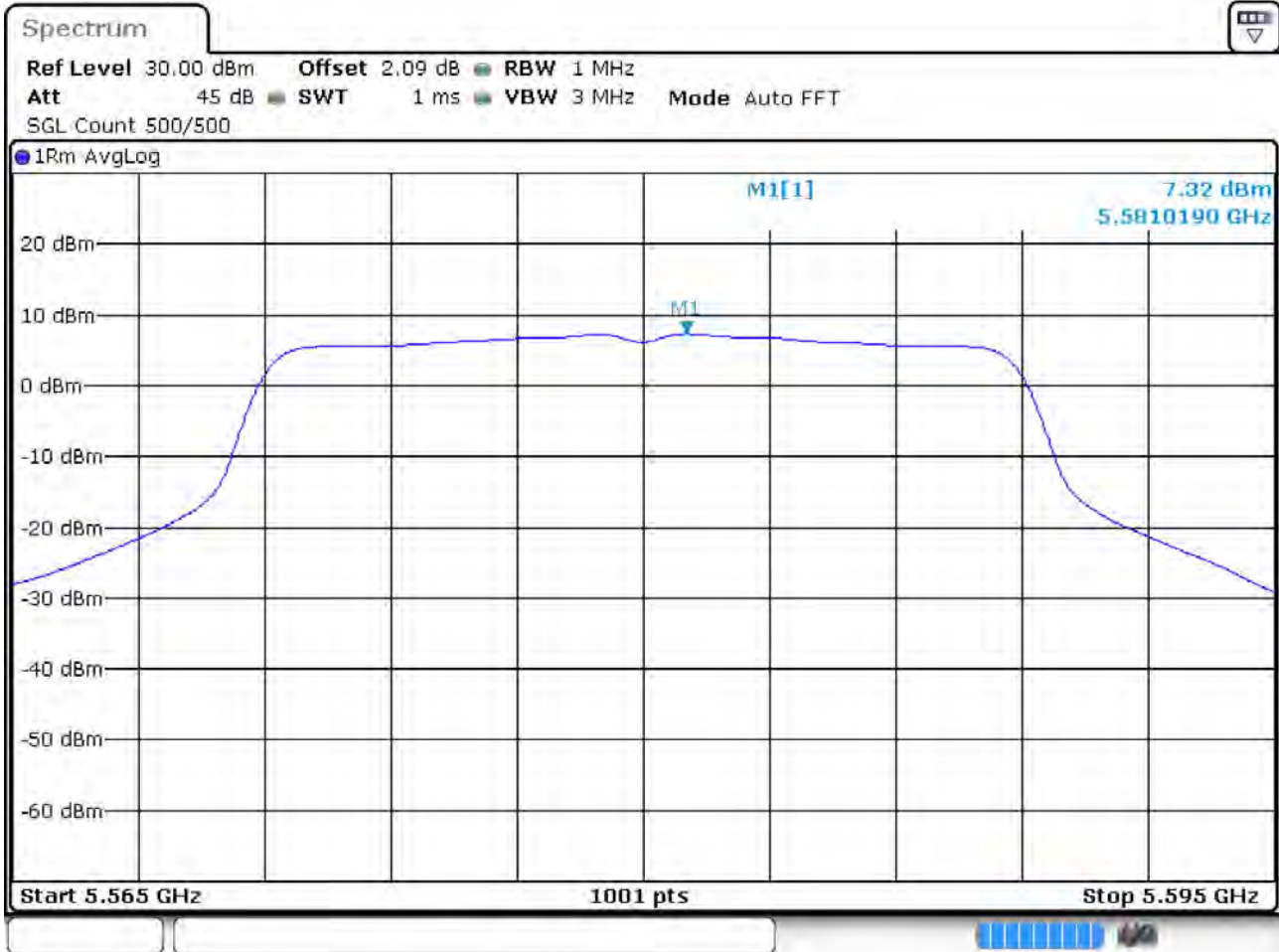


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**4.8.2.20 11N20\_116 ANT 1**



Date: 13.OCT.2020 13:54:22

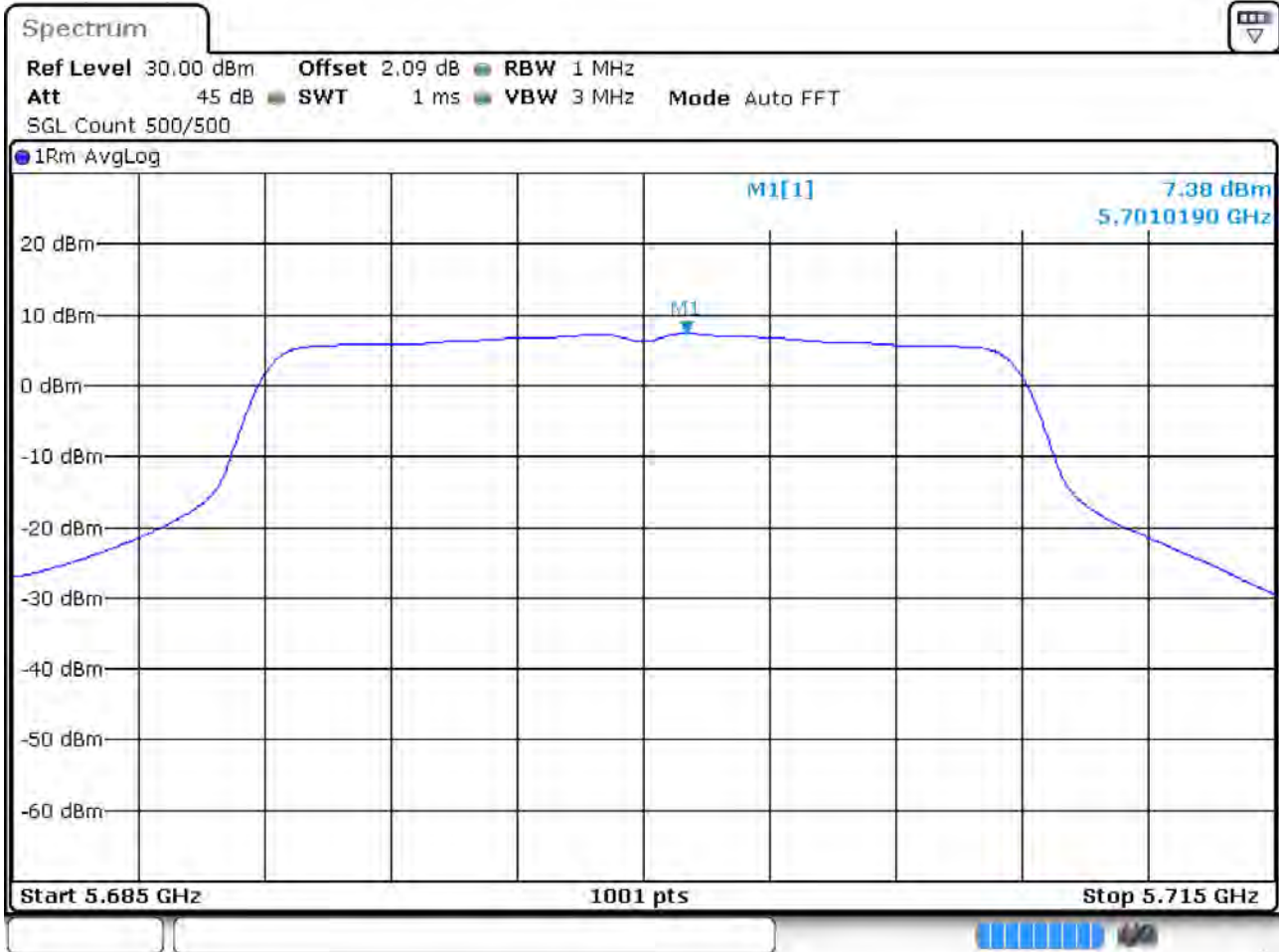


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4.8.2.21 11N20\_140 ANT 1

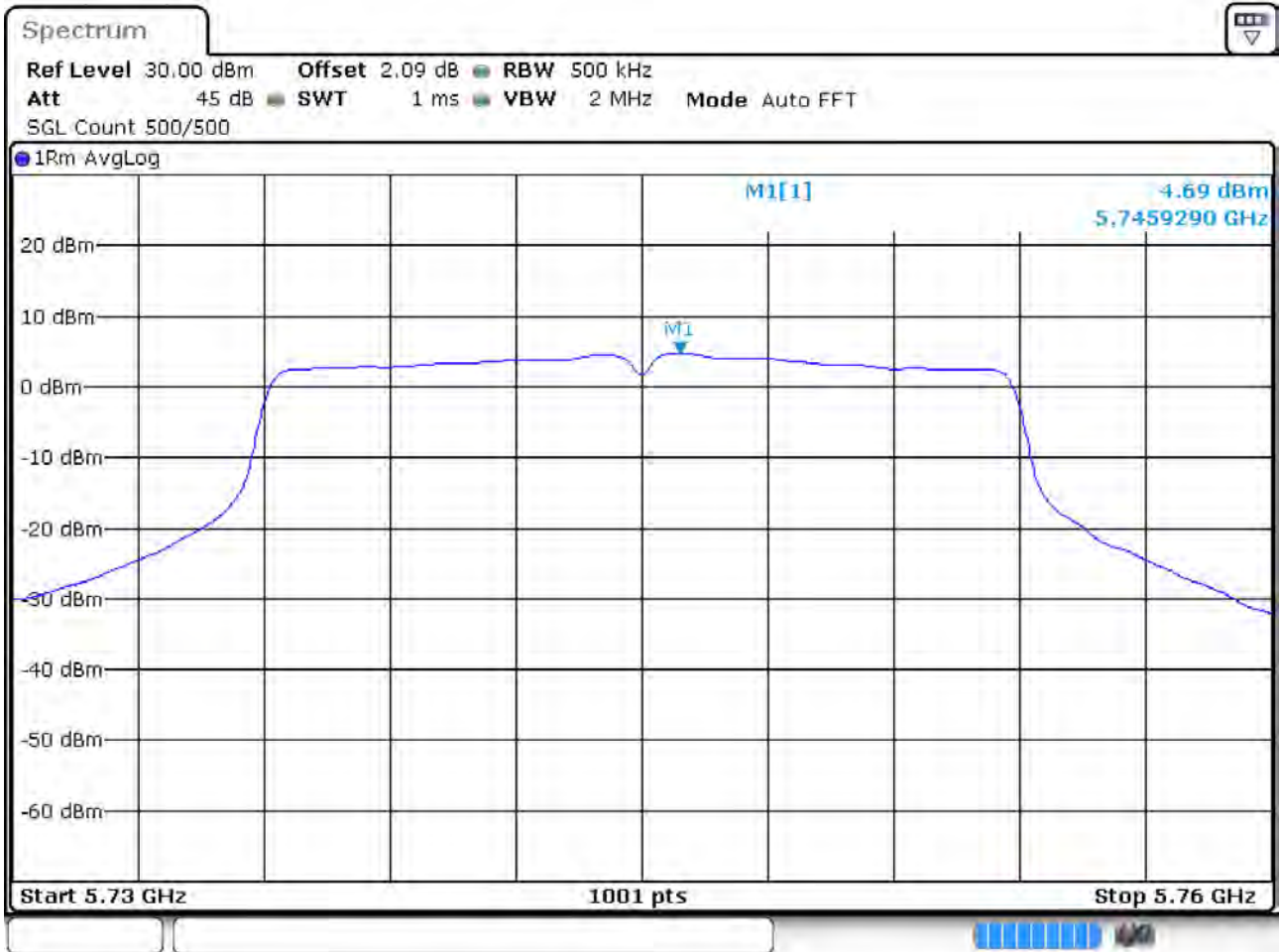


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**4.8.2.22 11N20\_149 ANT 1**



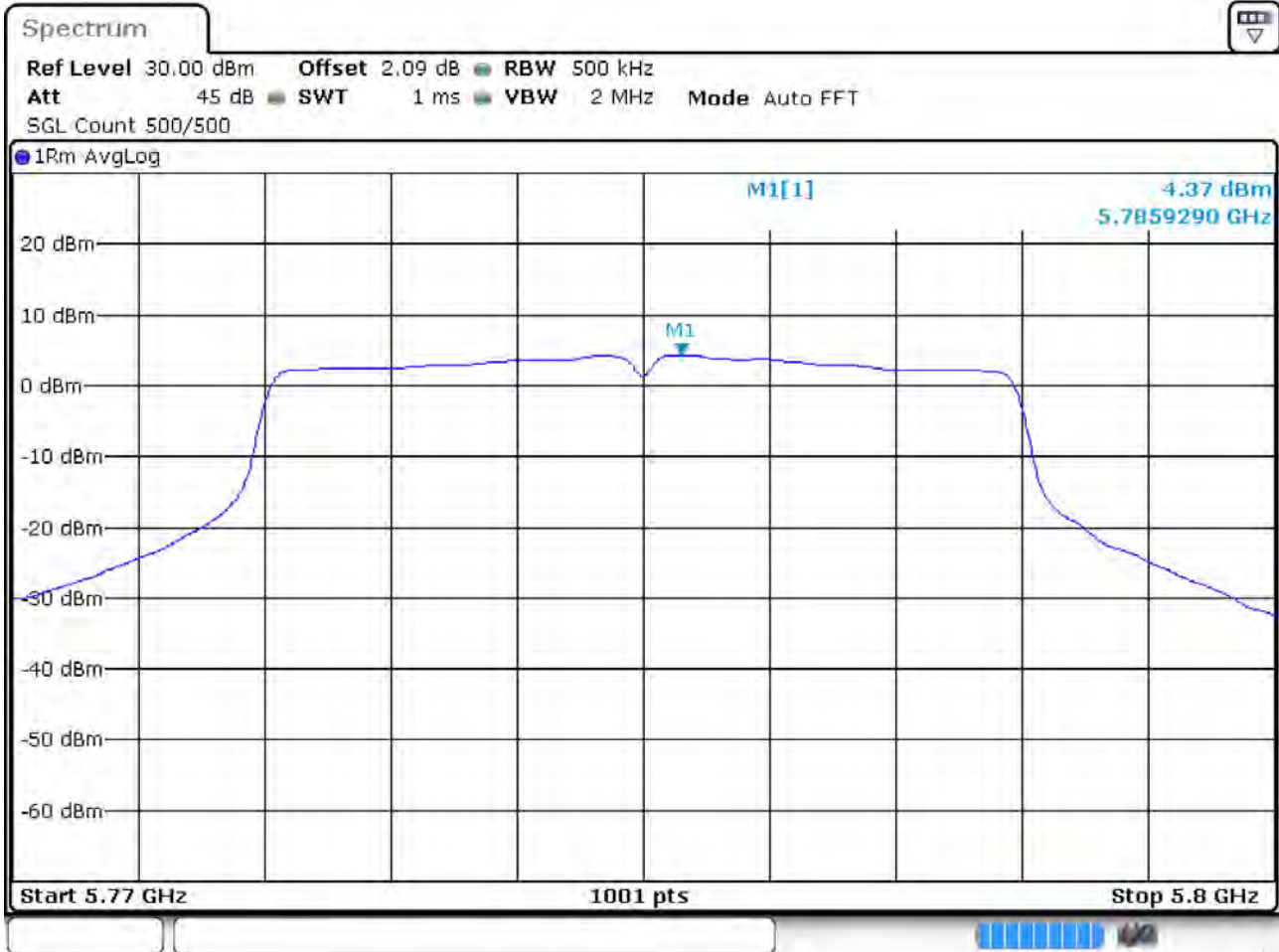
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4.8.2.23 11N20\_157 ANT 1

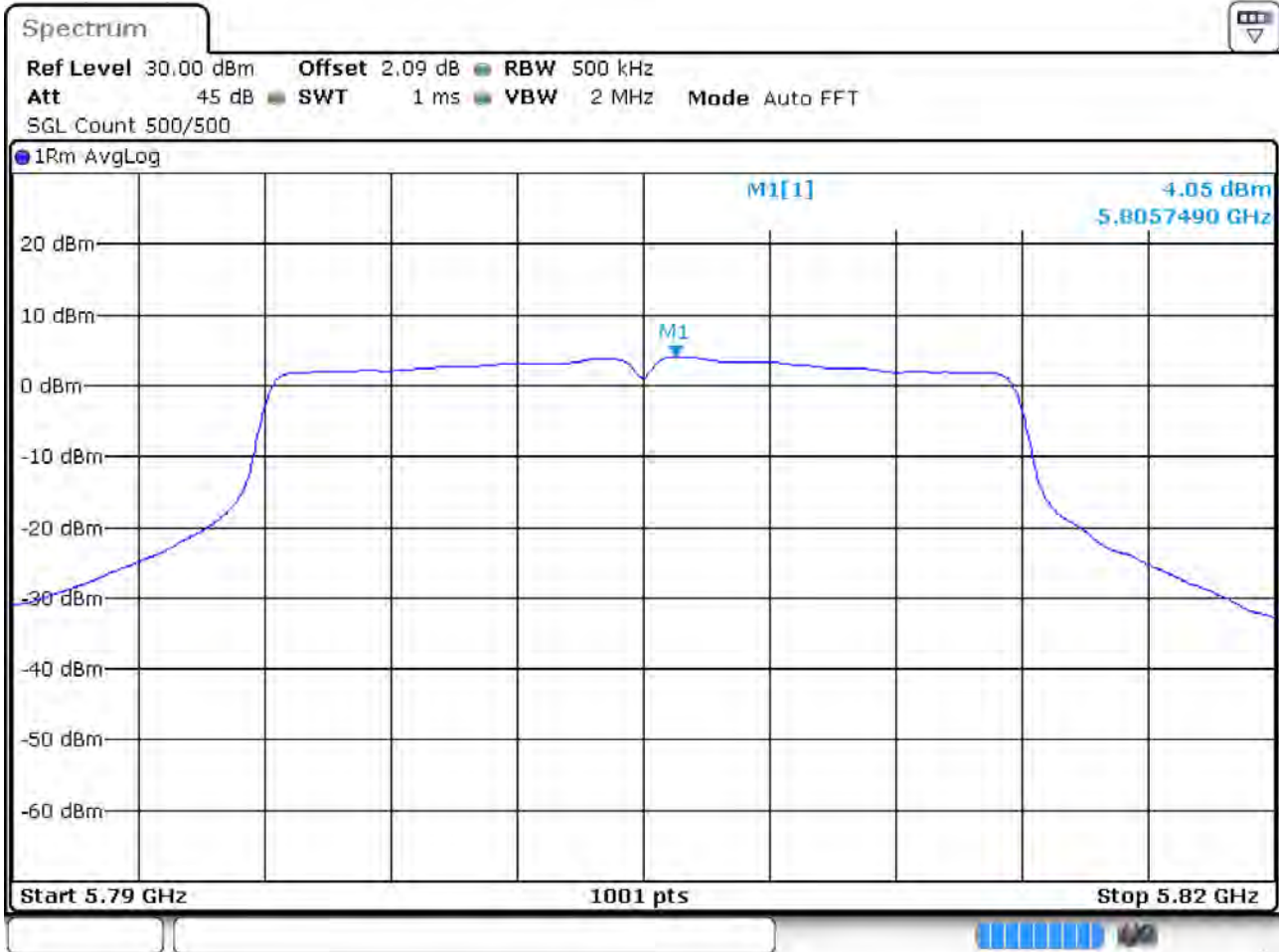


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**4.8.2.24 11N20\_161 ANT 1**

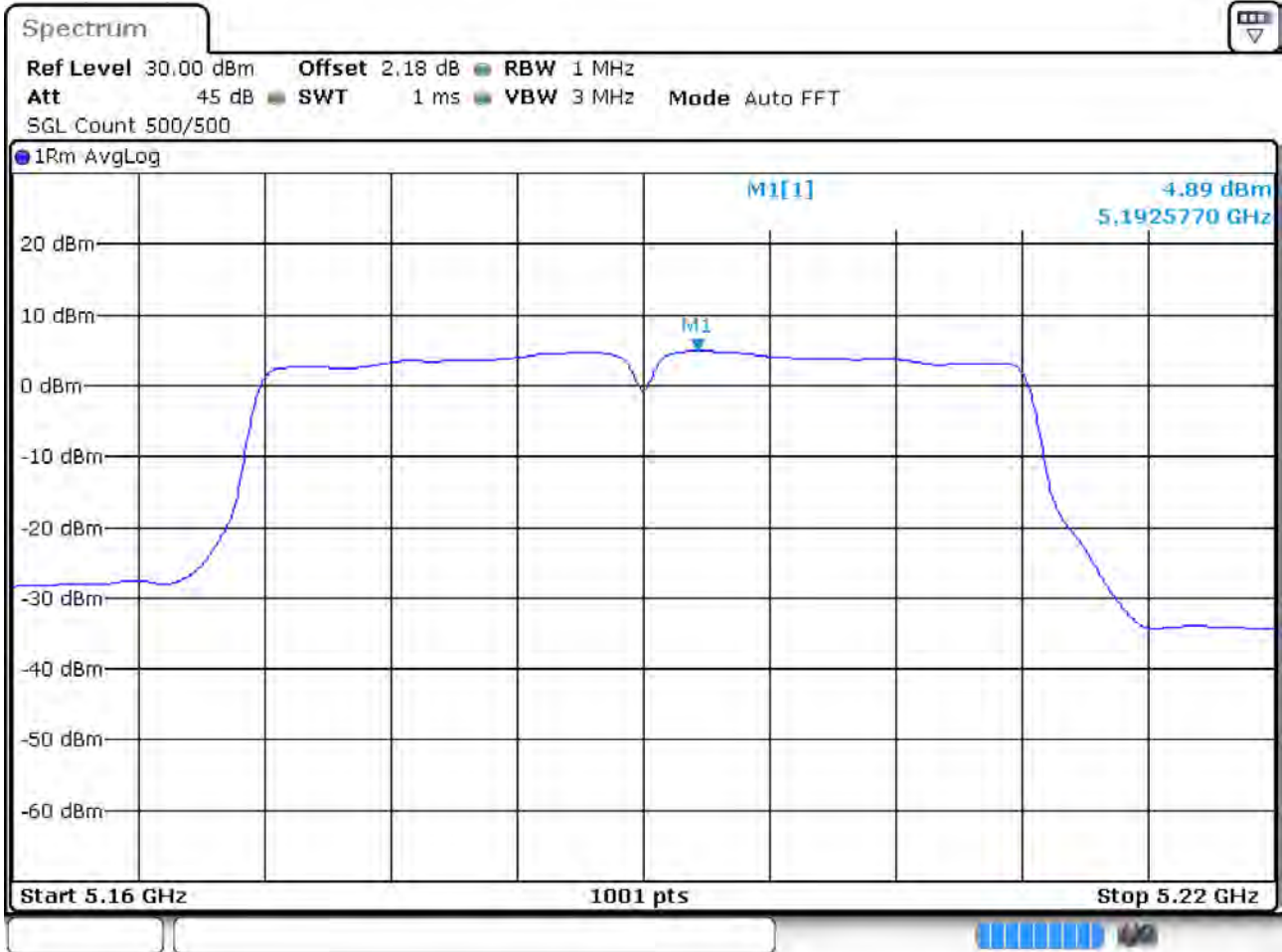


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**4.8.2.25 11N40\_38 ANT 1**



Date: 13.OCT.2020 14:31:16

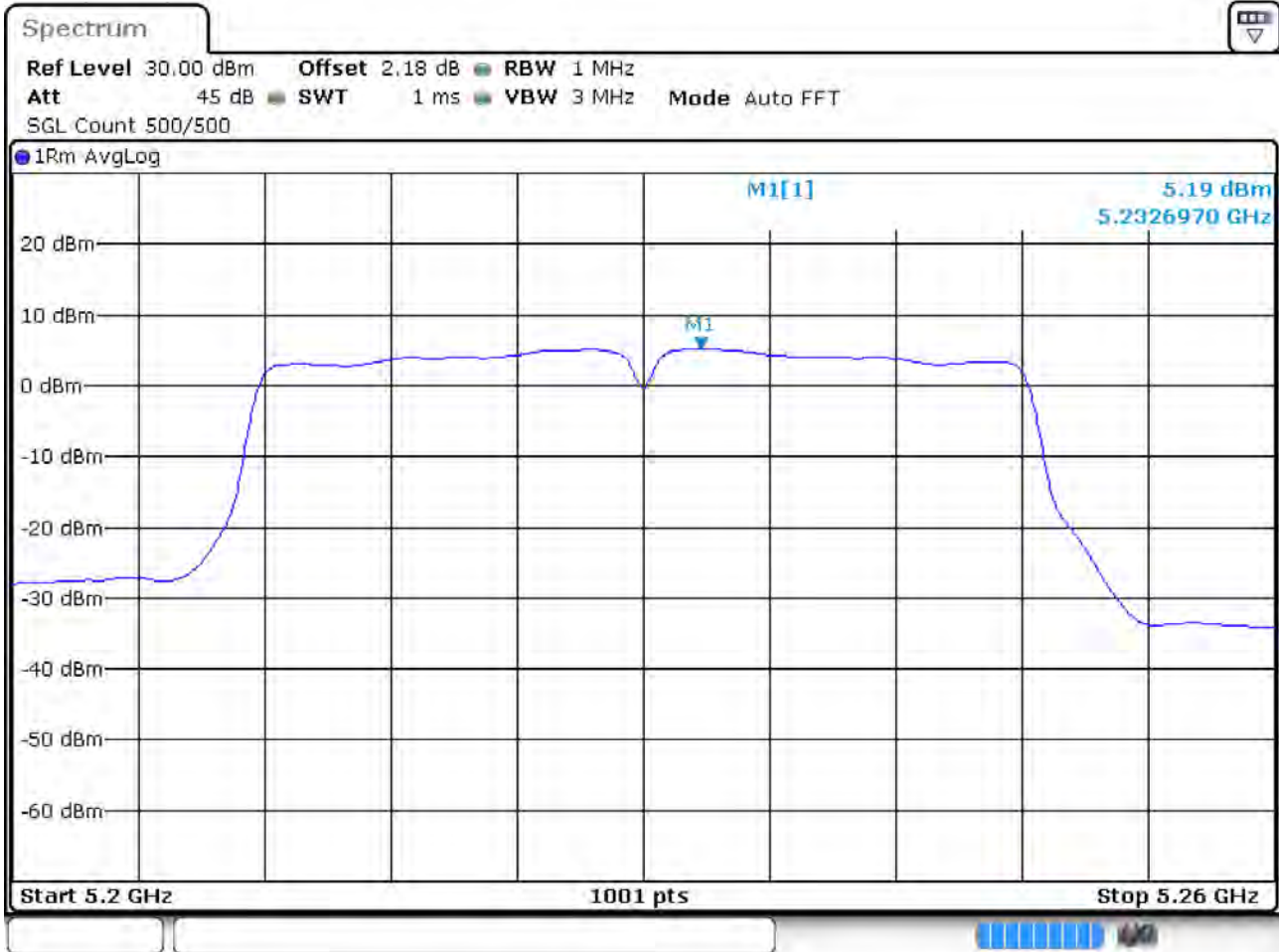


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4.8.2.26 11N40\_46 ANT 1



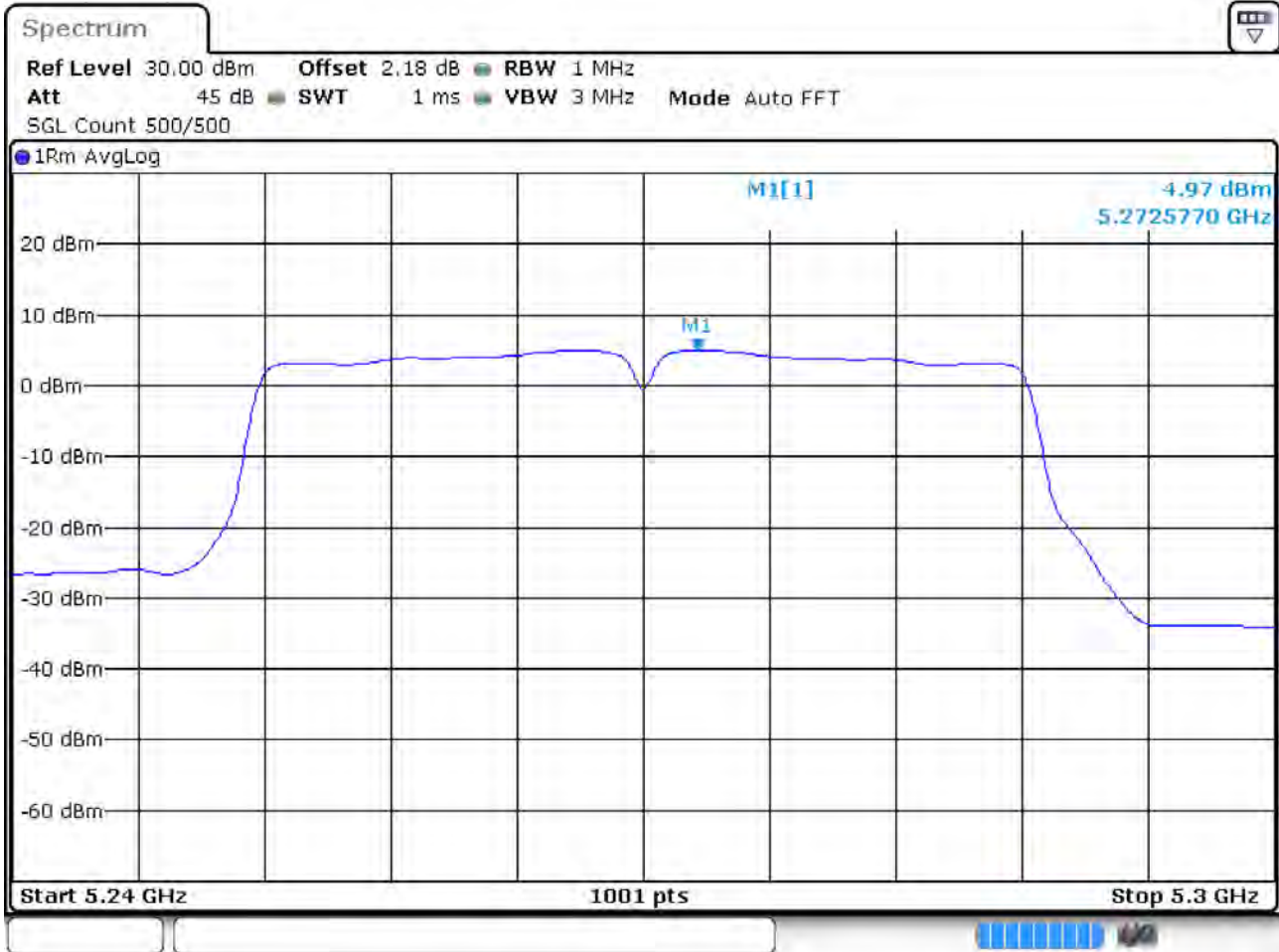
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4.8.2.27 11N40\_54 ANT 1

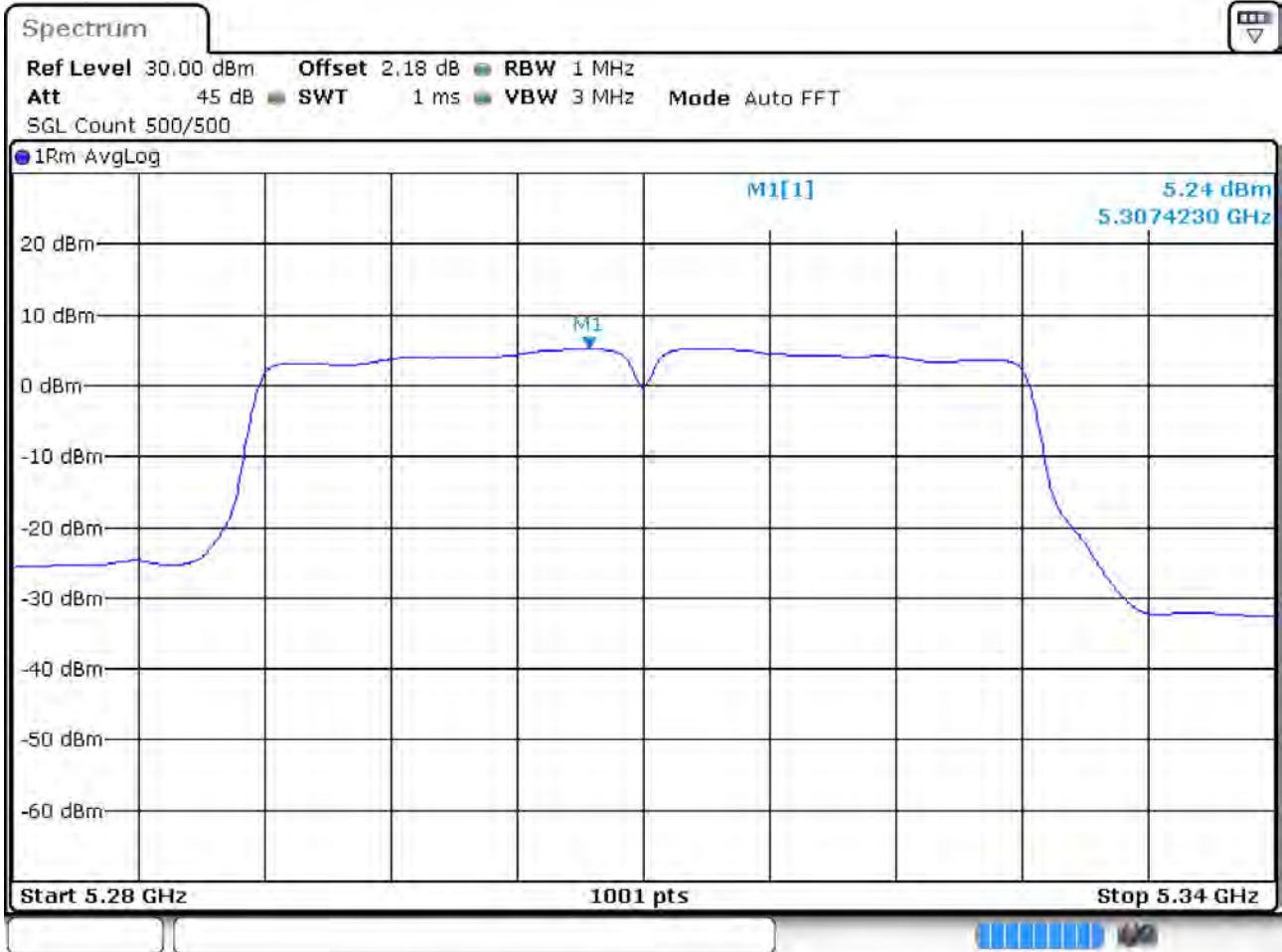


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**4.8.2.28 11N40\_62 ANT 1**



Date: 13.OCT.2020 14:35:36

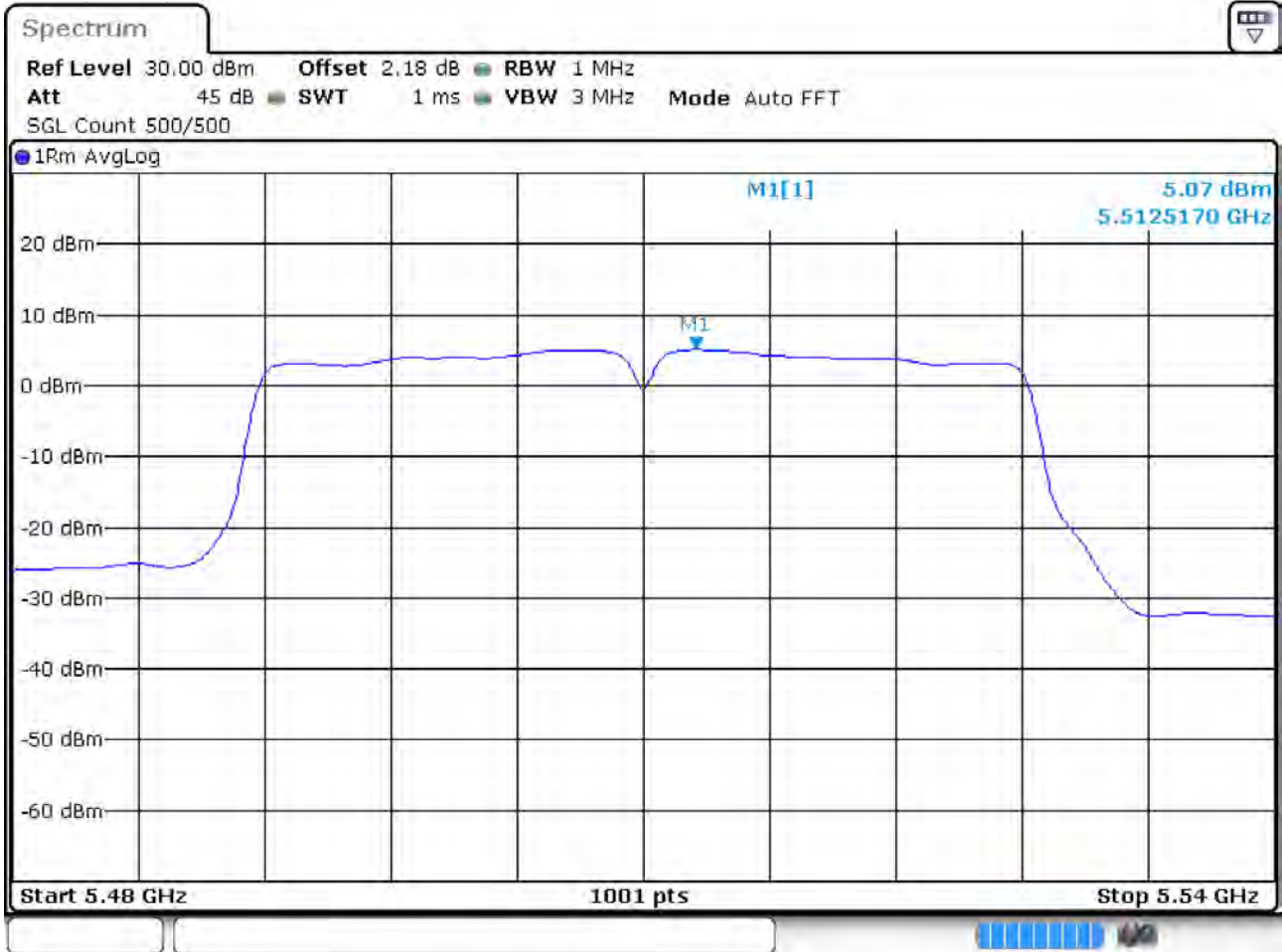


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**4.8.2.29 11N40\_102 ANT 1**

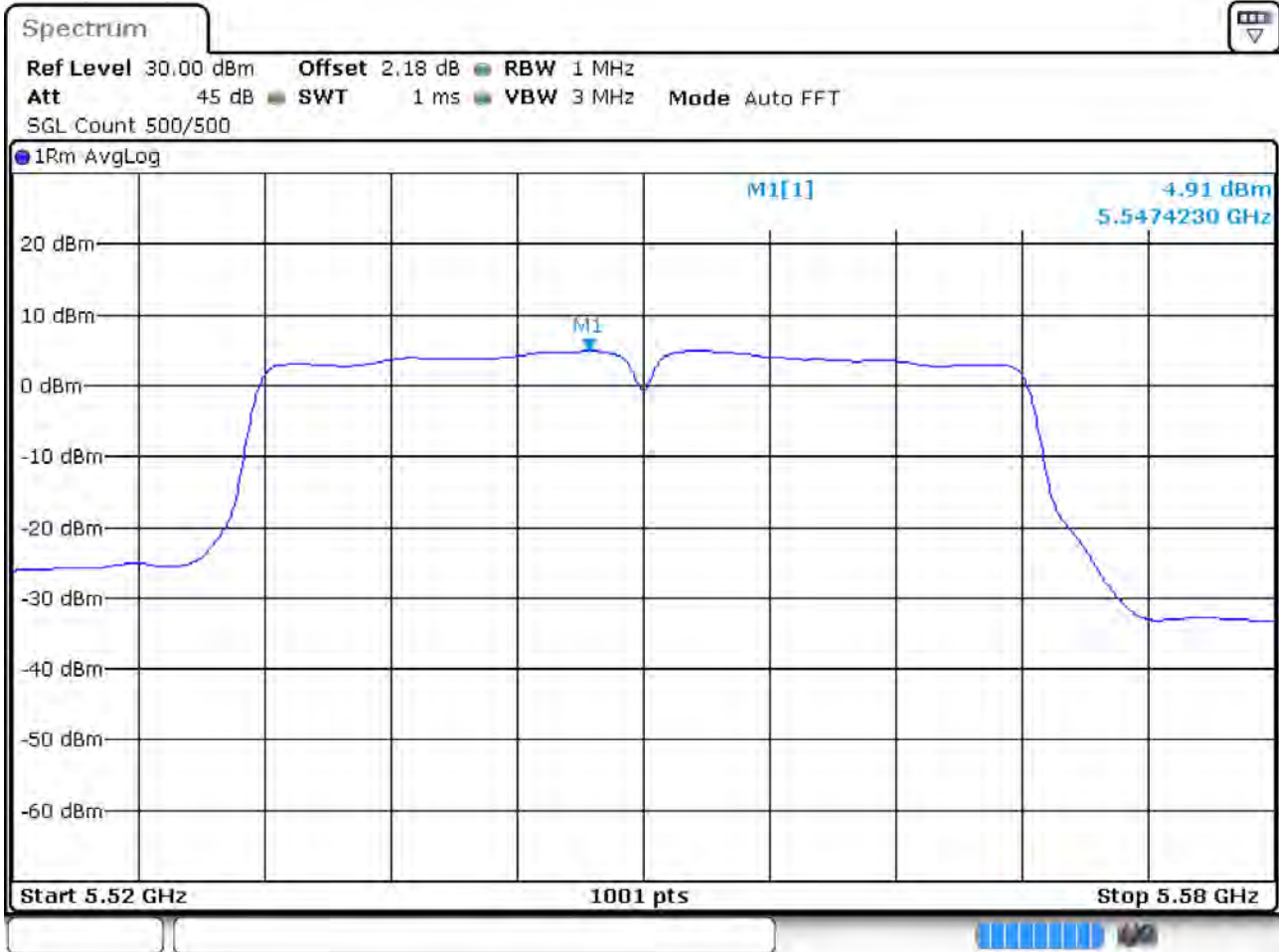


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4.8.2.30 11N40\_110 ANT 1



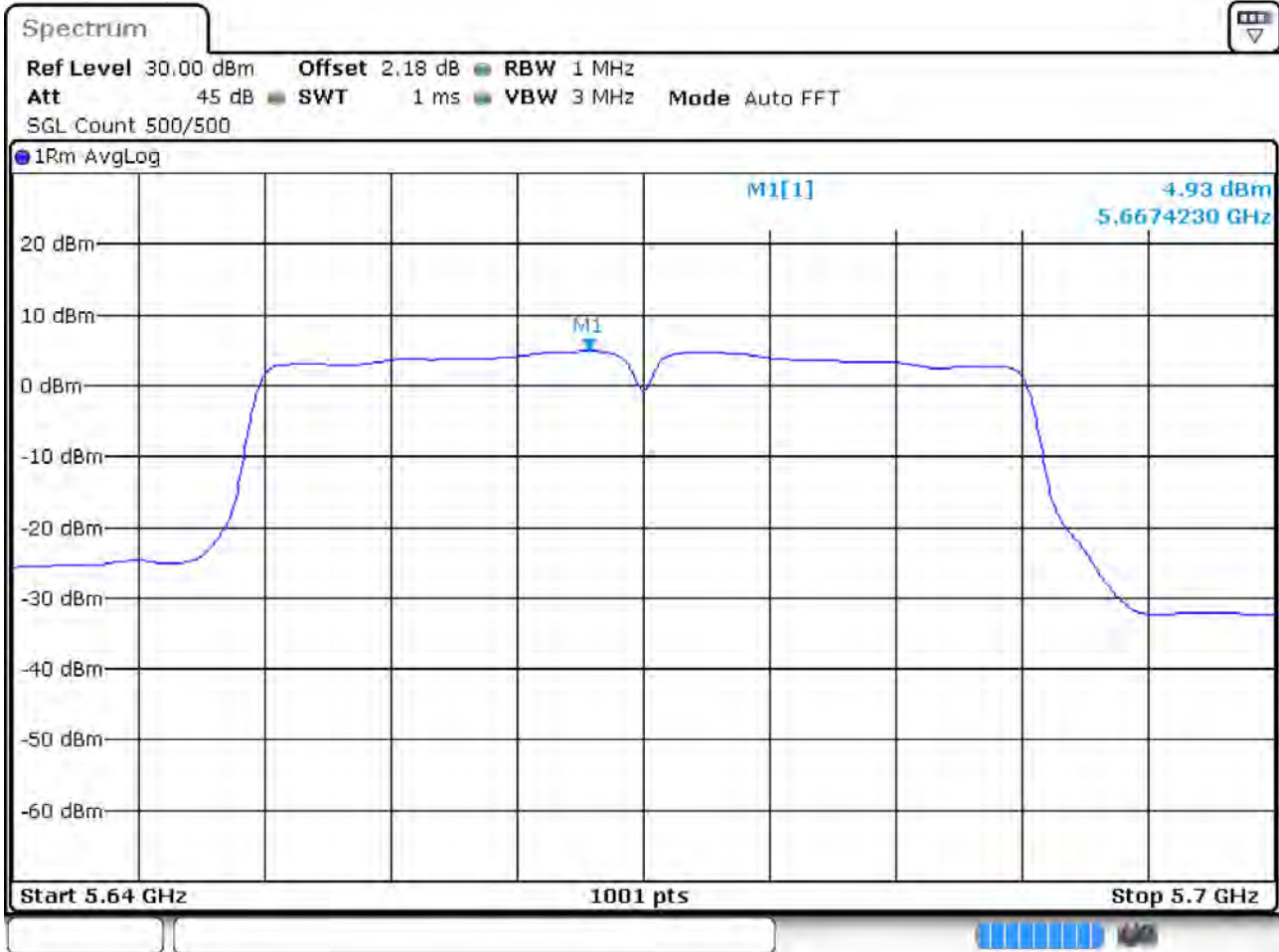
Date: 13.OCT.2020 14:38:57



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4.8.2.31 11N40\_134 ANT 1



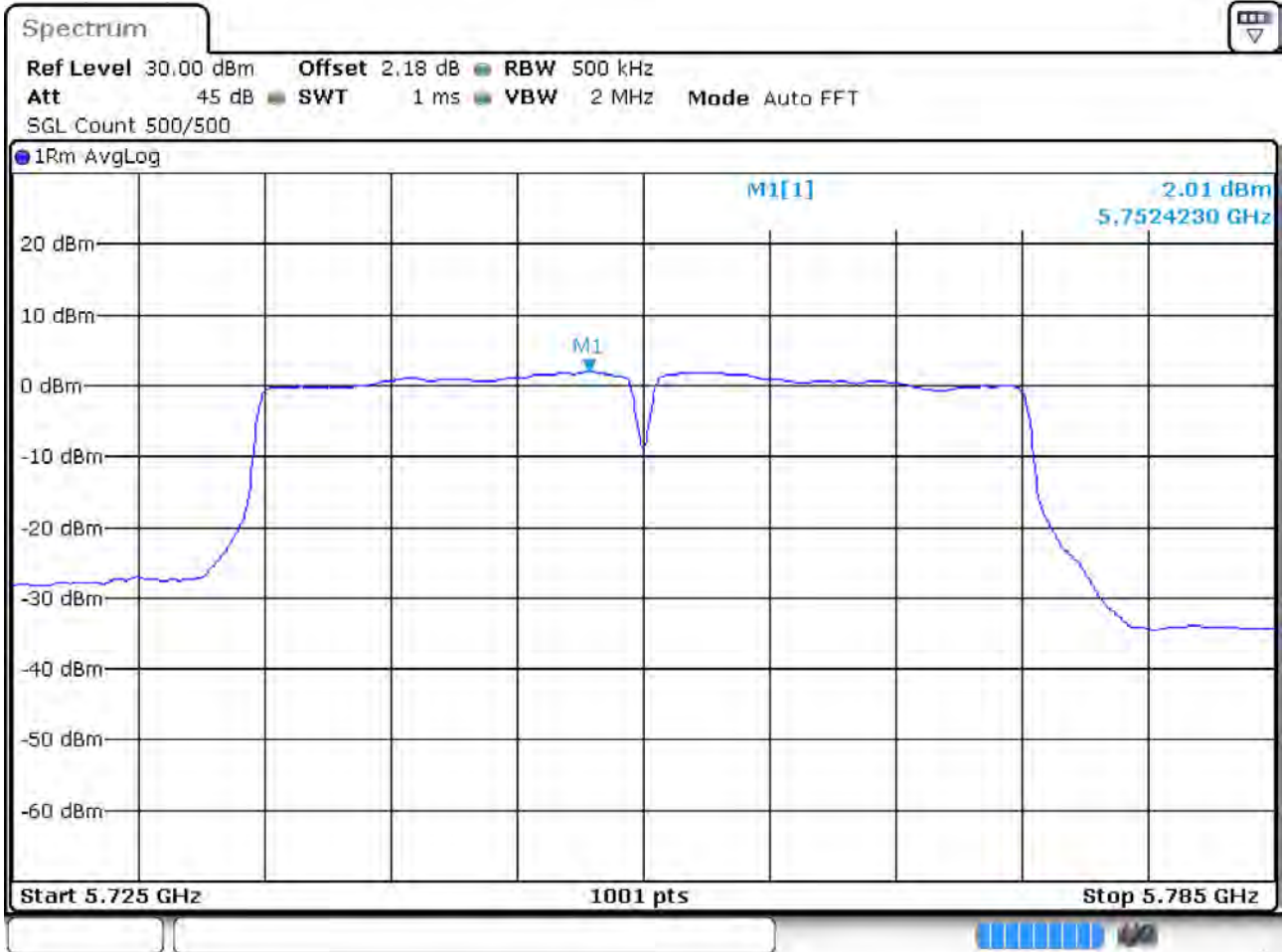
Date: 13.OCT.2020 14:40:56



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4.8.2.32 11N40\_151 ANT 1



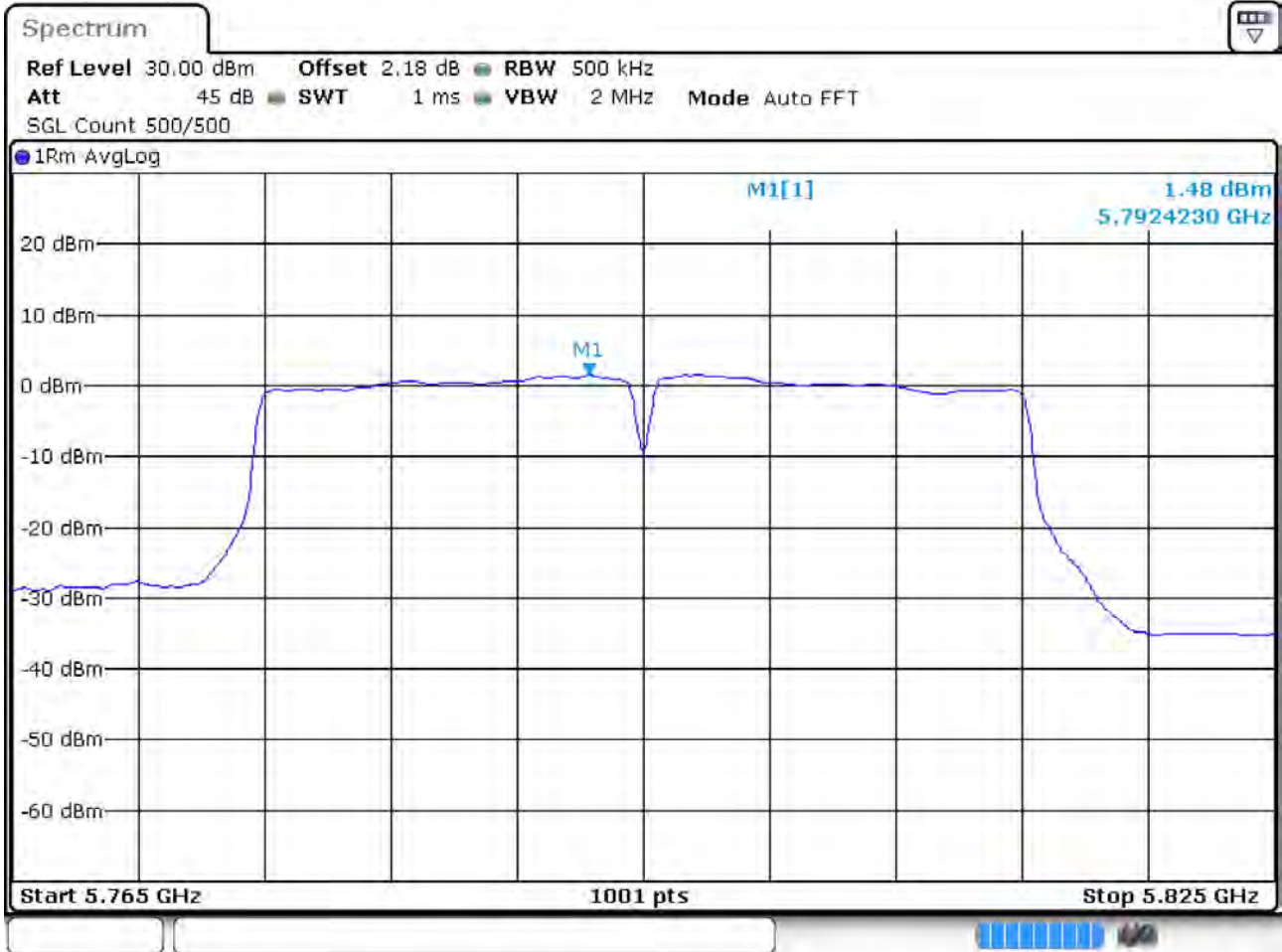
Date: 13.OCT.2020 14:43:01



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4.8.2.33 11N40\_159 ANT 1

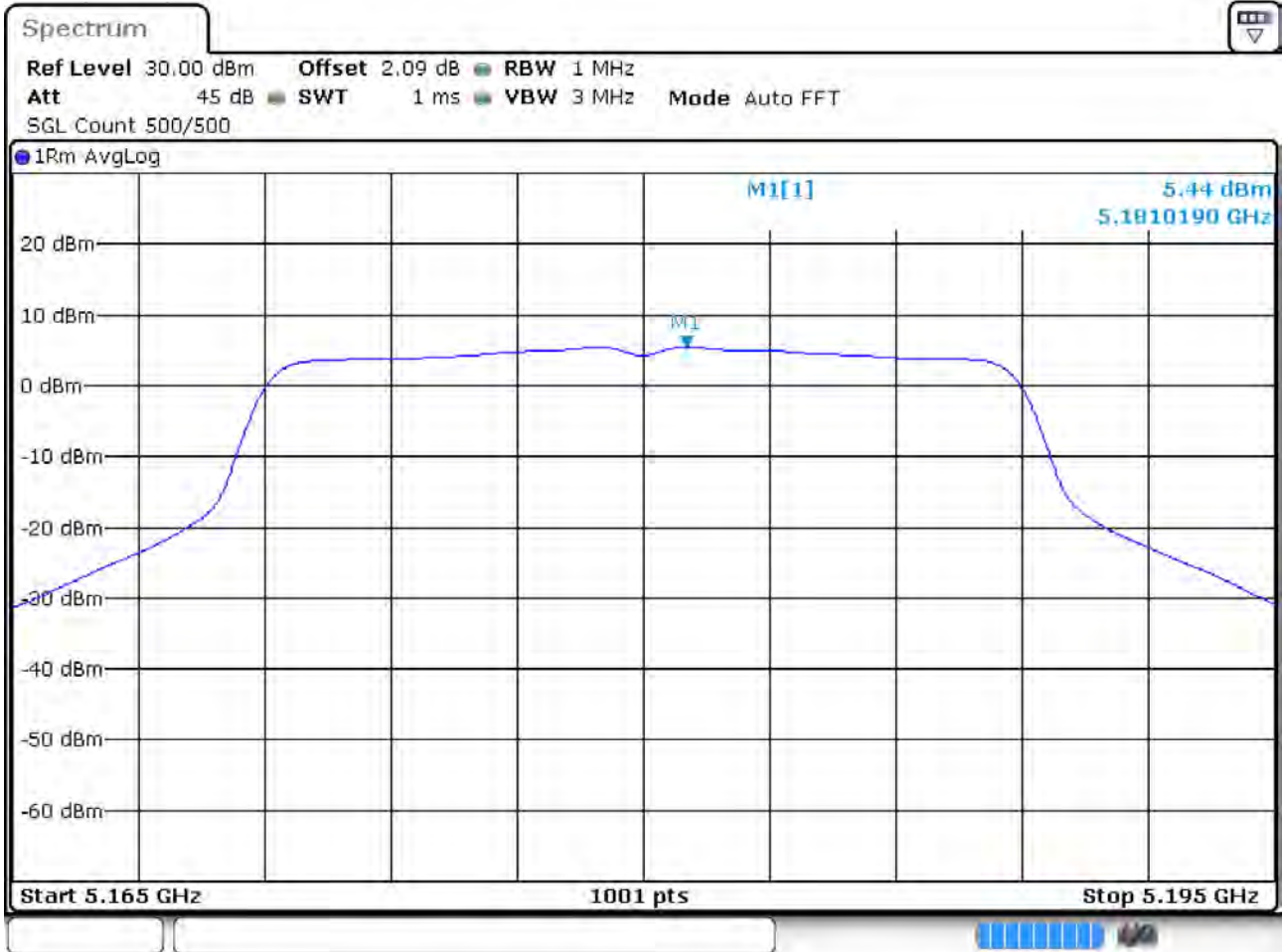


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4.8.2.34 11AC20\_36 ANT 1



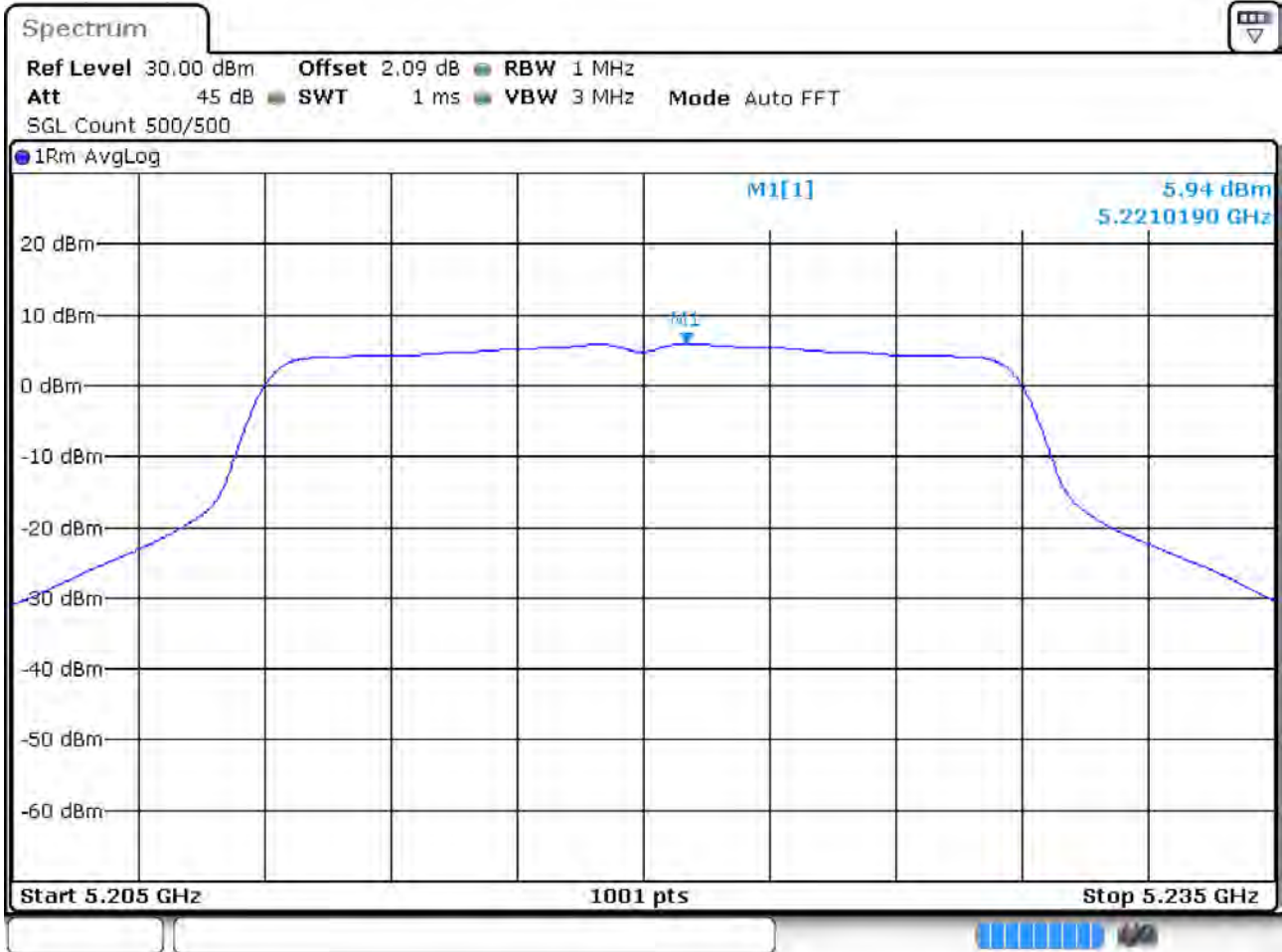
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4.8.2.35 11AC20\_44 ANT 1

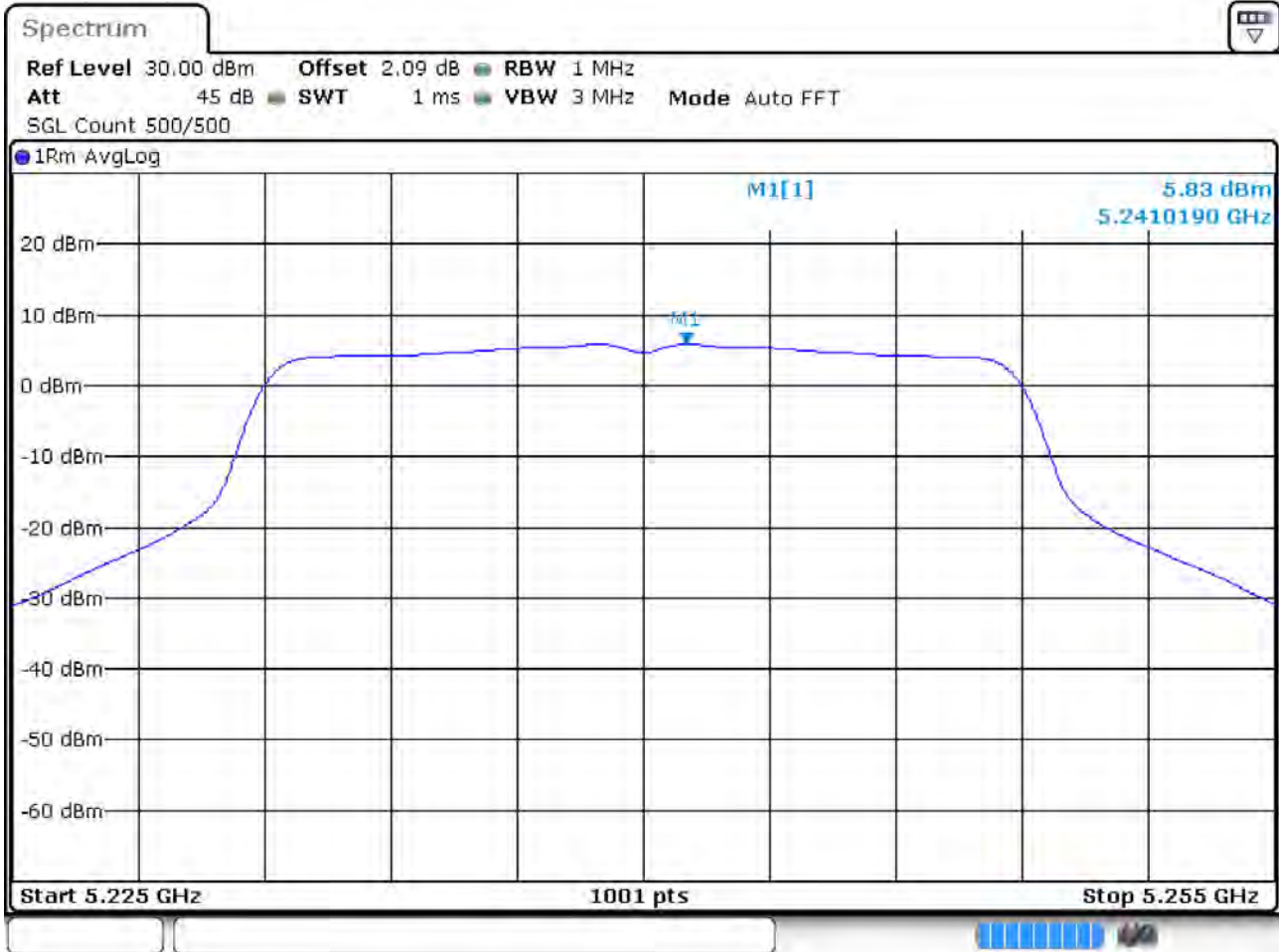


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**4.8.2.36 11AC20\_48 ANT 1**

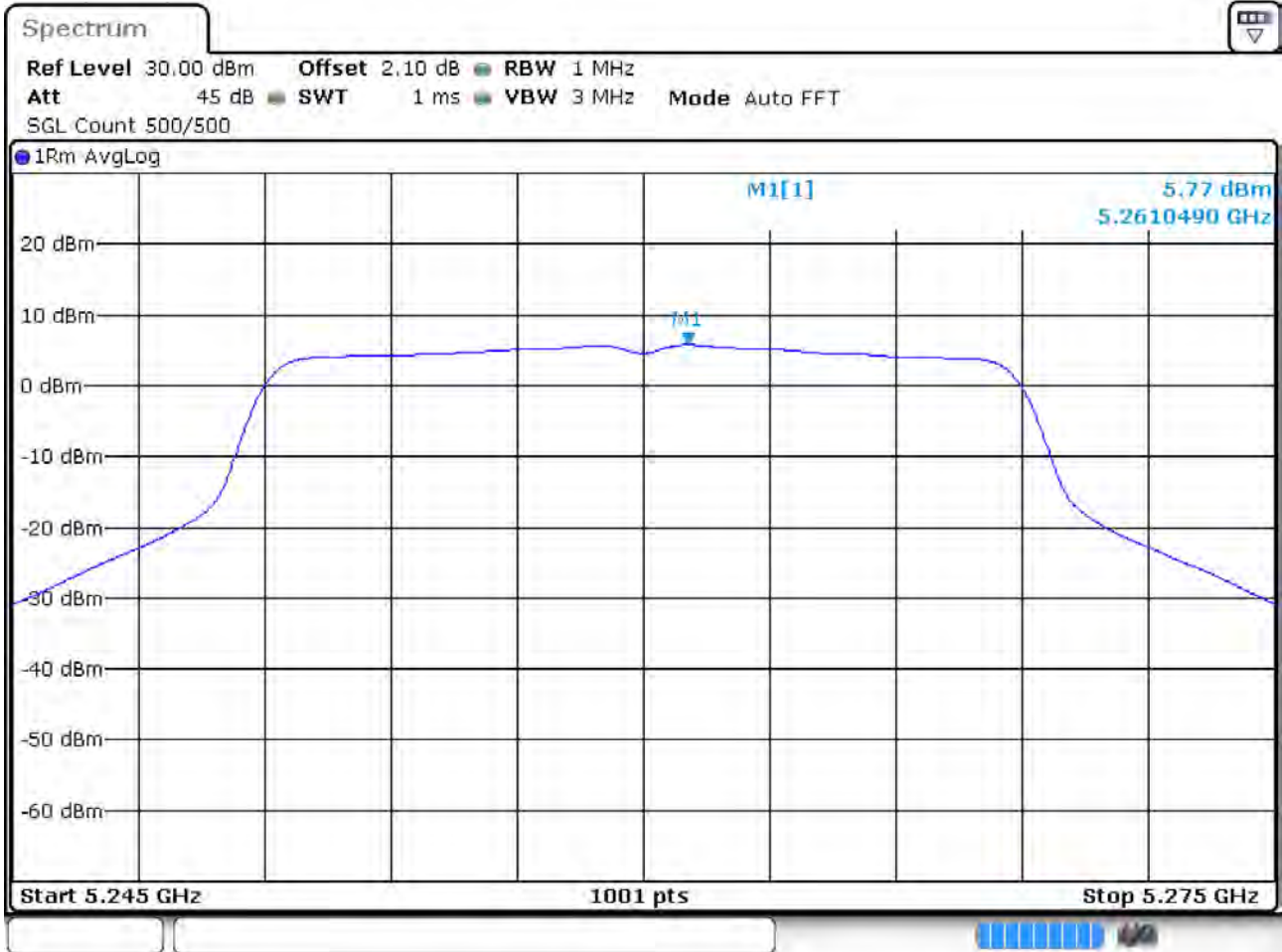


Date: 13.OCT.2020 14:51:15



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**4.8.2.37 11AC20\_52 ANT 1**



Date: 13.OCT.2020 16:07:39

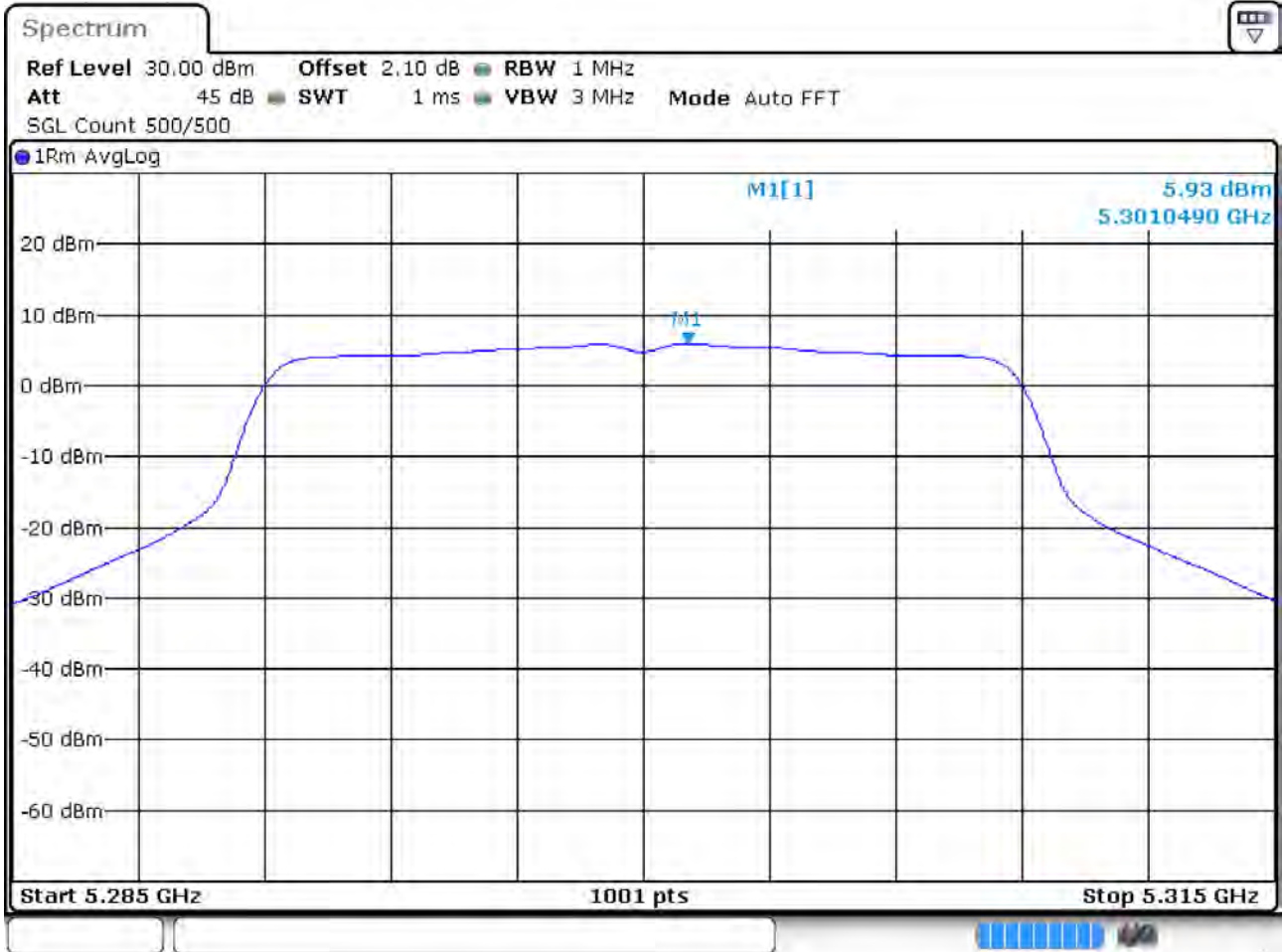


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**4.8.2.38 11AC20\_60 ANT 1**



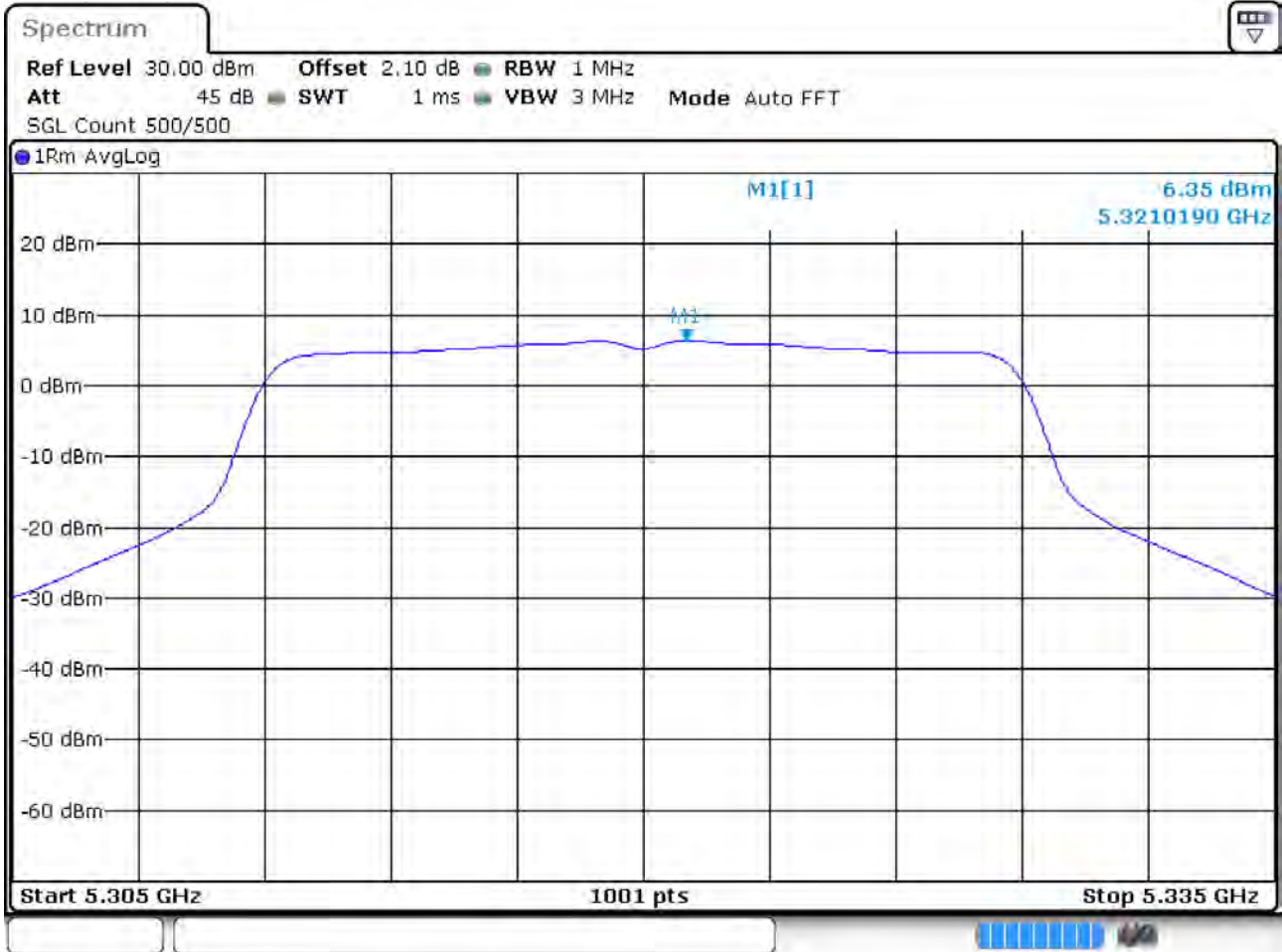
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4.8.2.39 11AC20\_64 ANT 1

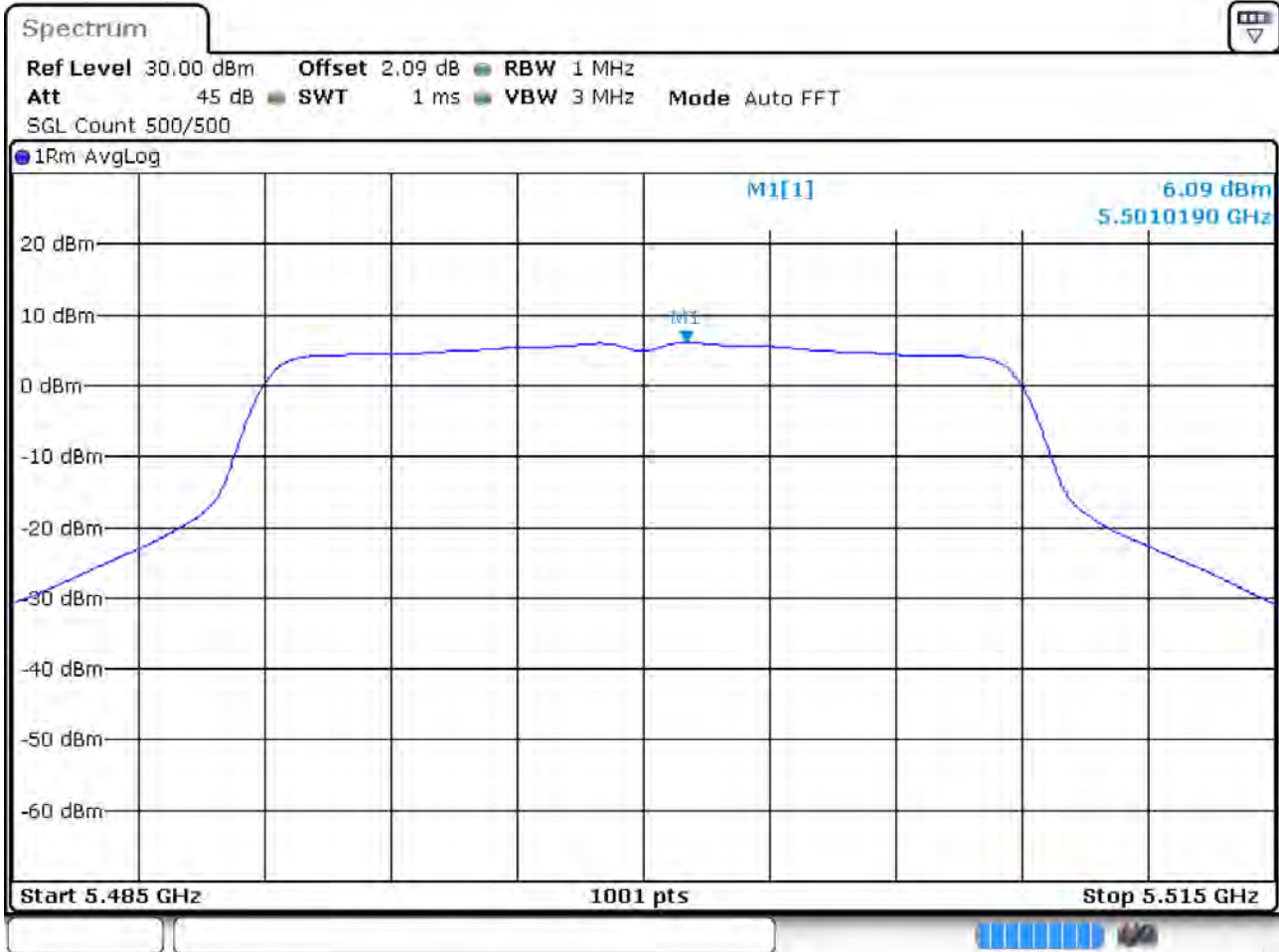


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**4.8.2.40 11AC20\_100 ANT 1**



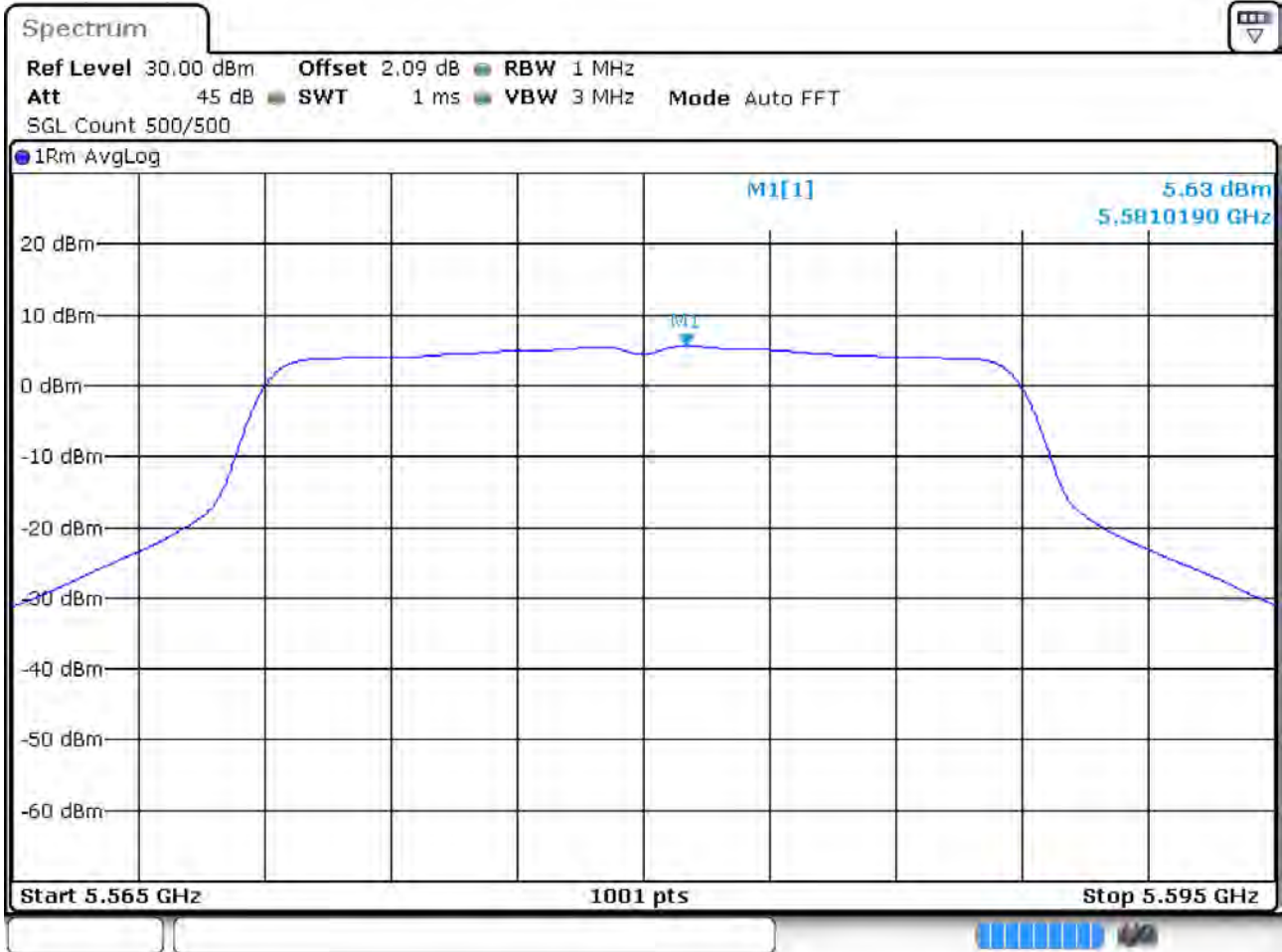
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**4.8.2.41 11AC20\_116 ANT 1**



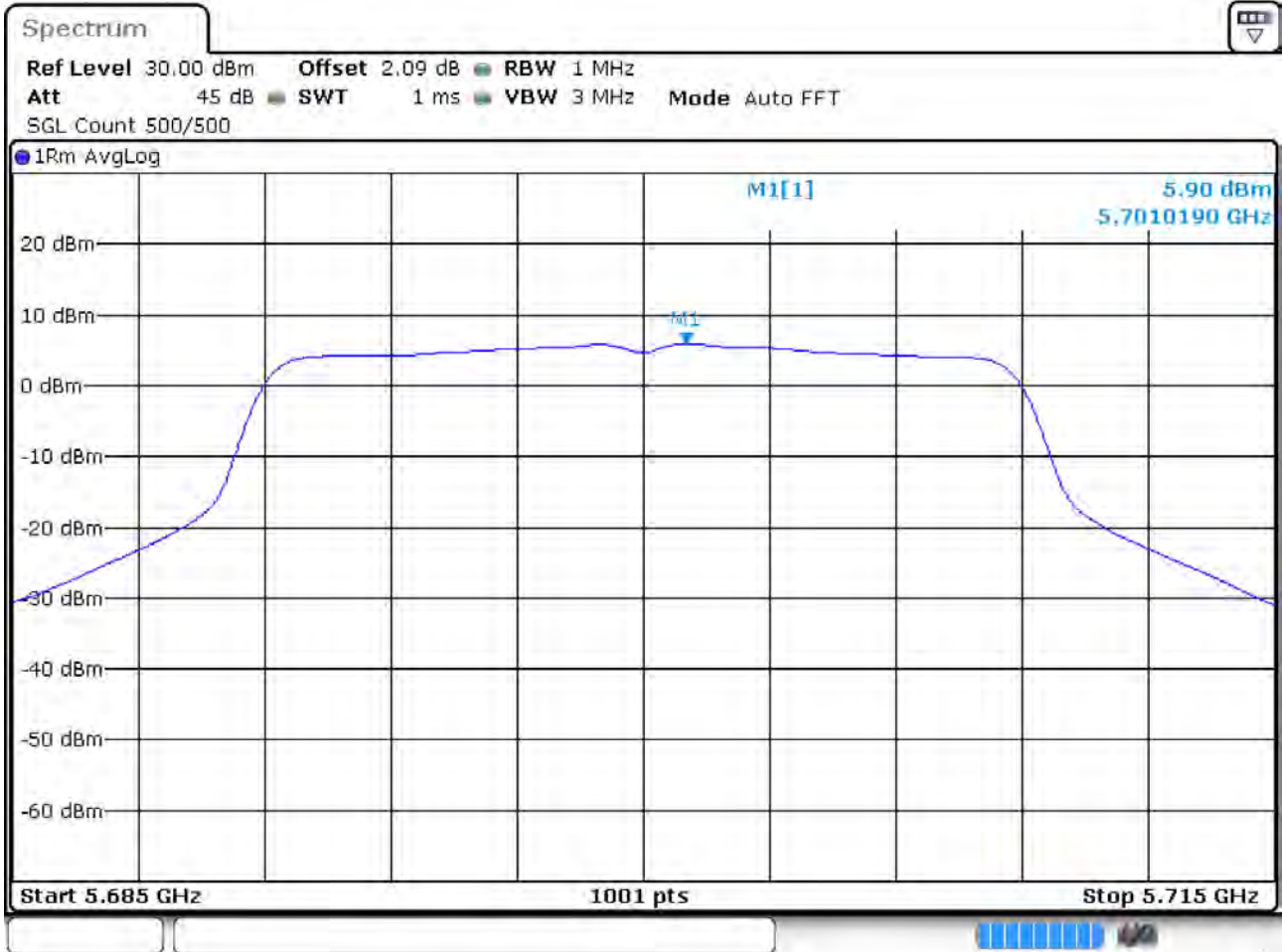
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4.8.2.42 11AC20\_140 ANT 1



Date: 13.OCT.2020 15:03:22

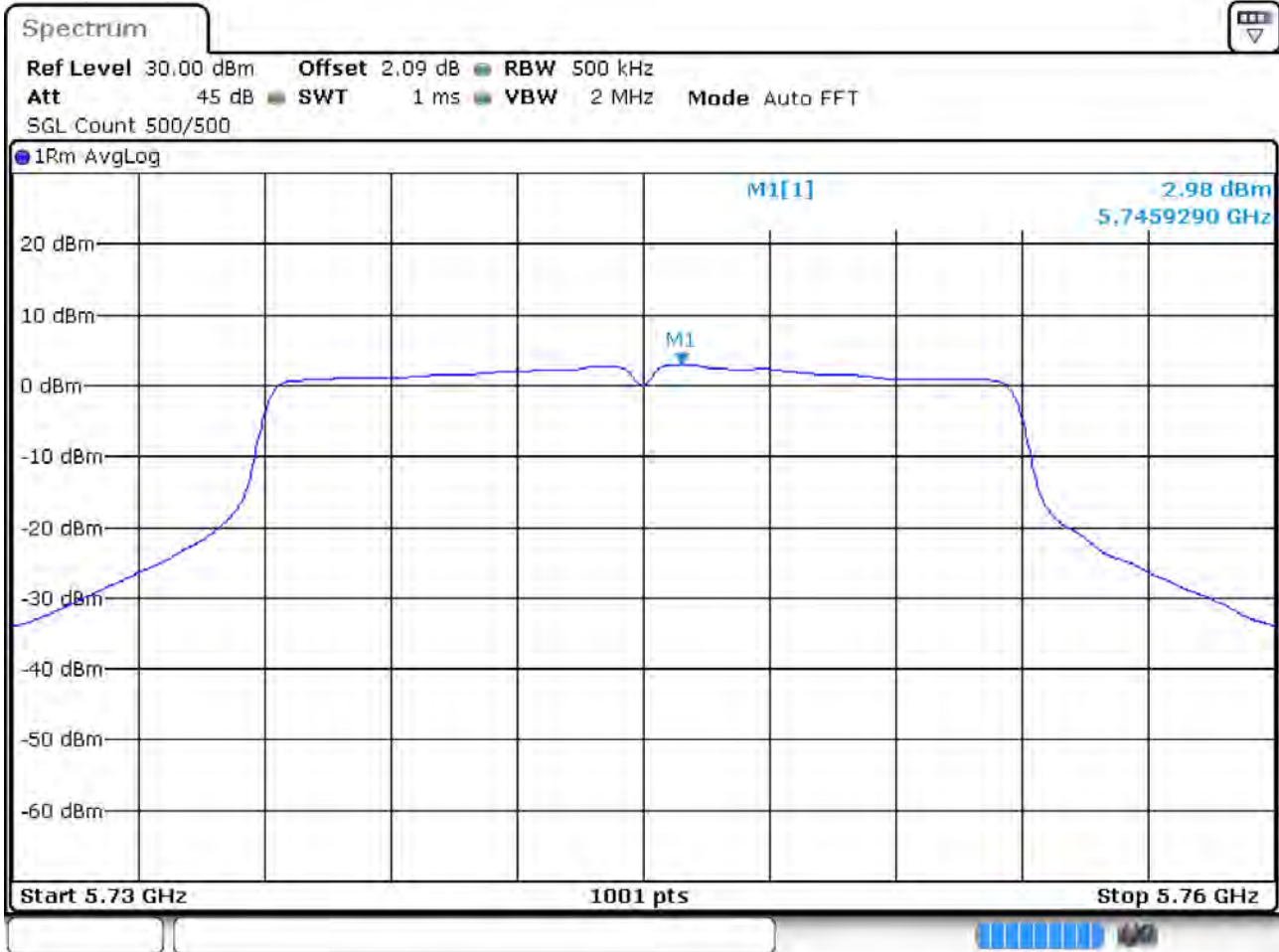


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4.8.2.43 11AC20\_149 ANT 1



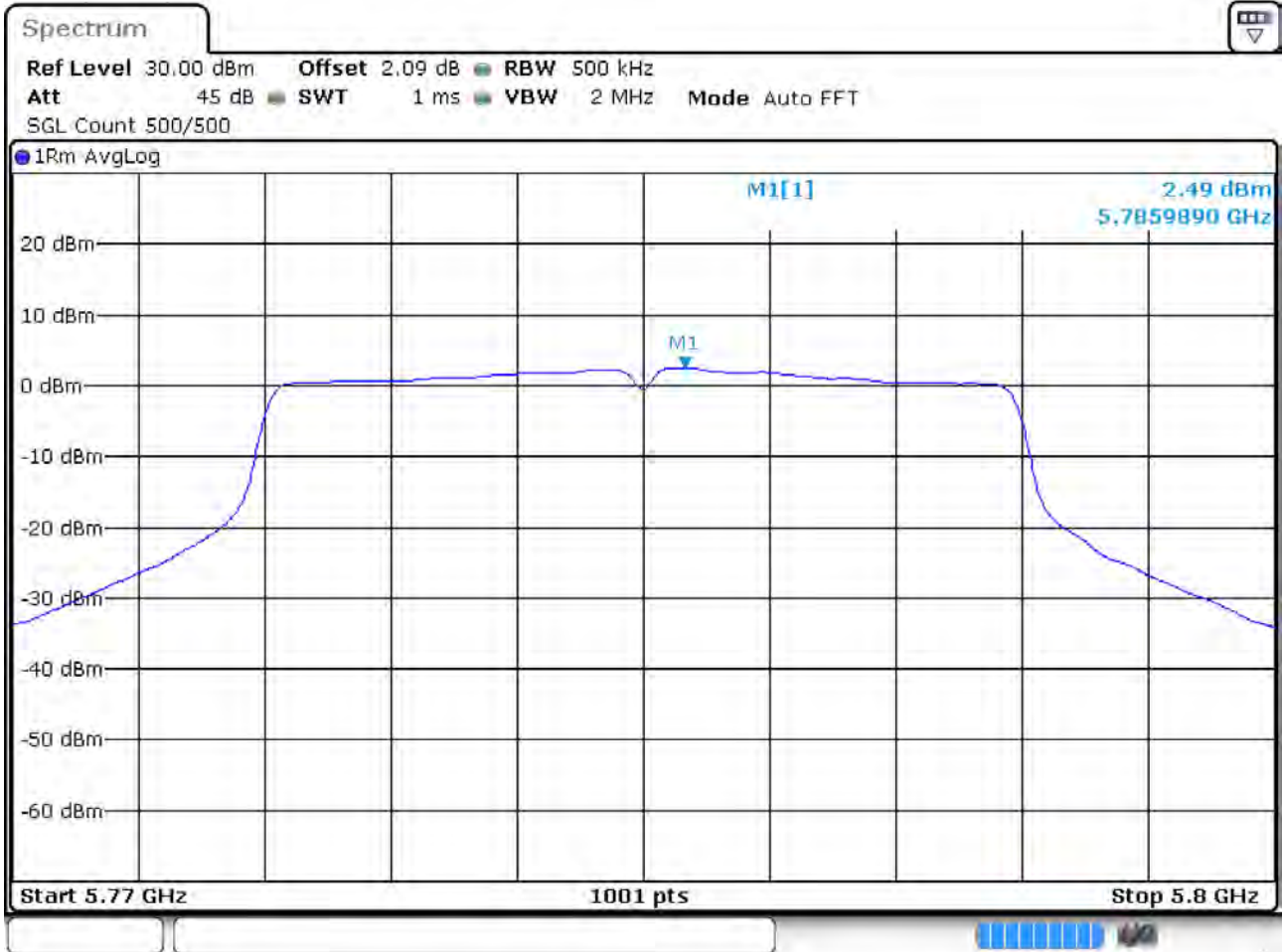
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**4.8.2.44 11AC20\_157 ANT 1**



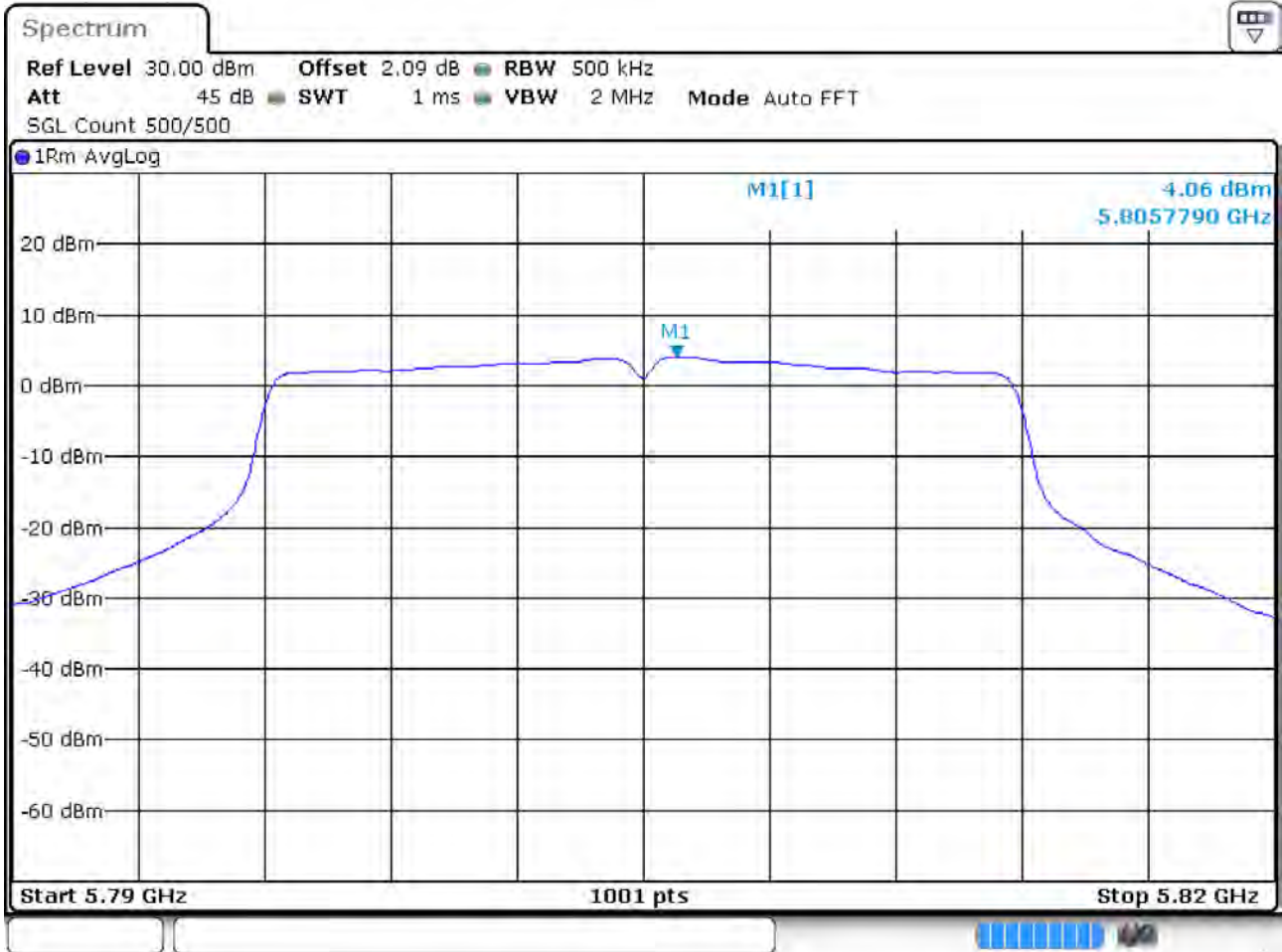
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4.8.2.45 11AC20\_161 ANT 1

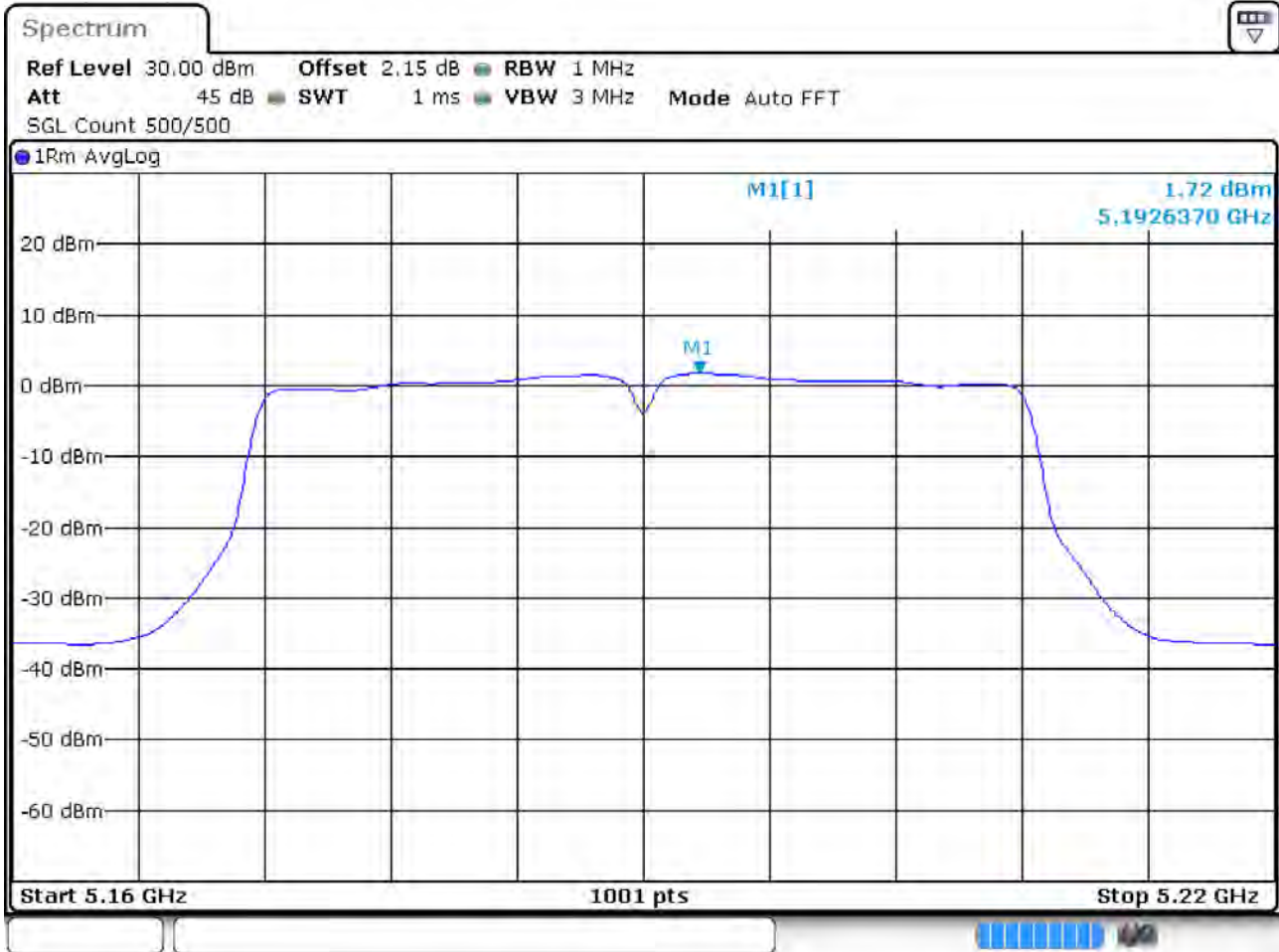


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4.8.2.46 11AC40\_38 ANT 1

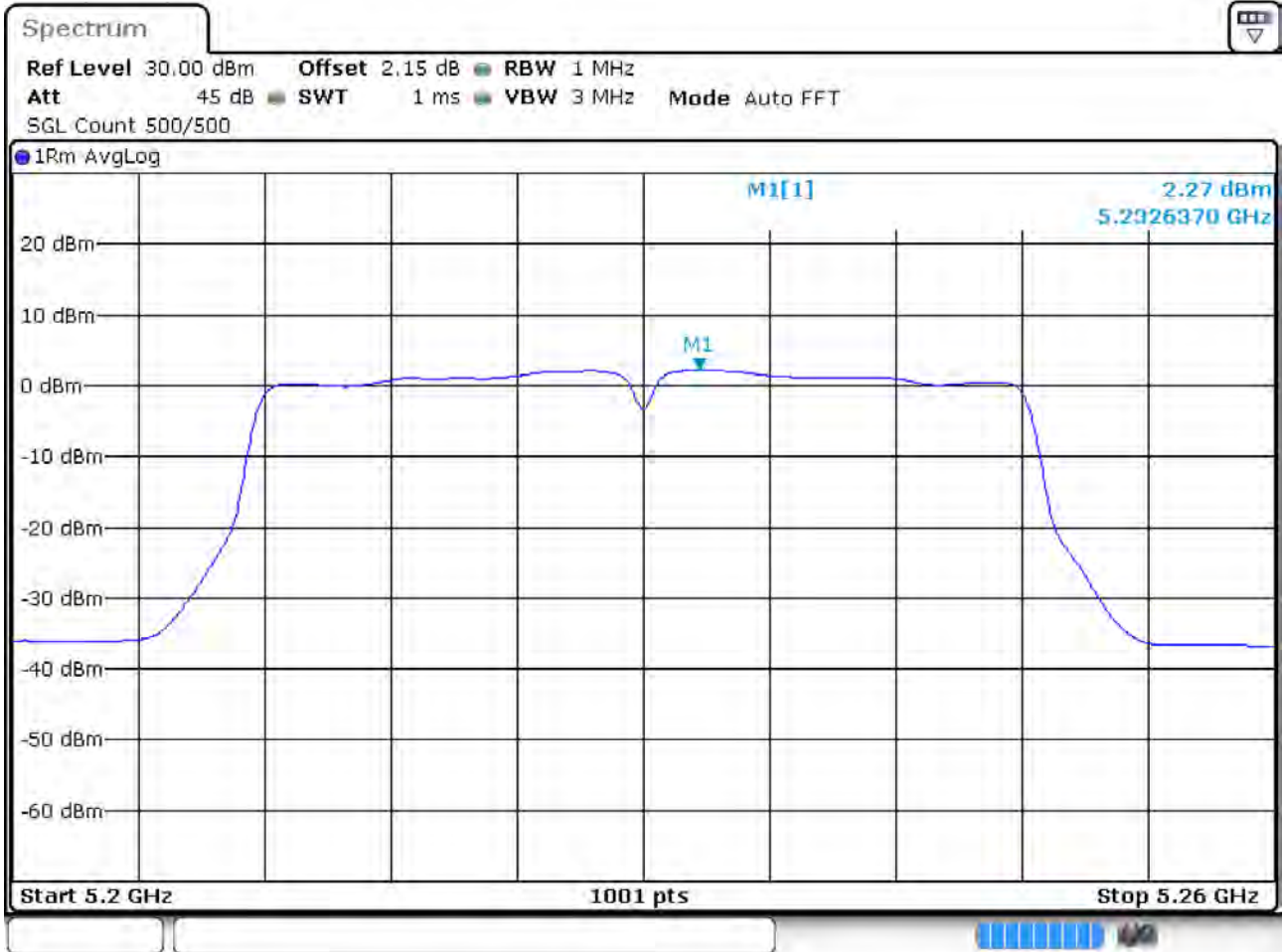


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4.8.2.47 11AC40\_46 ANT 1



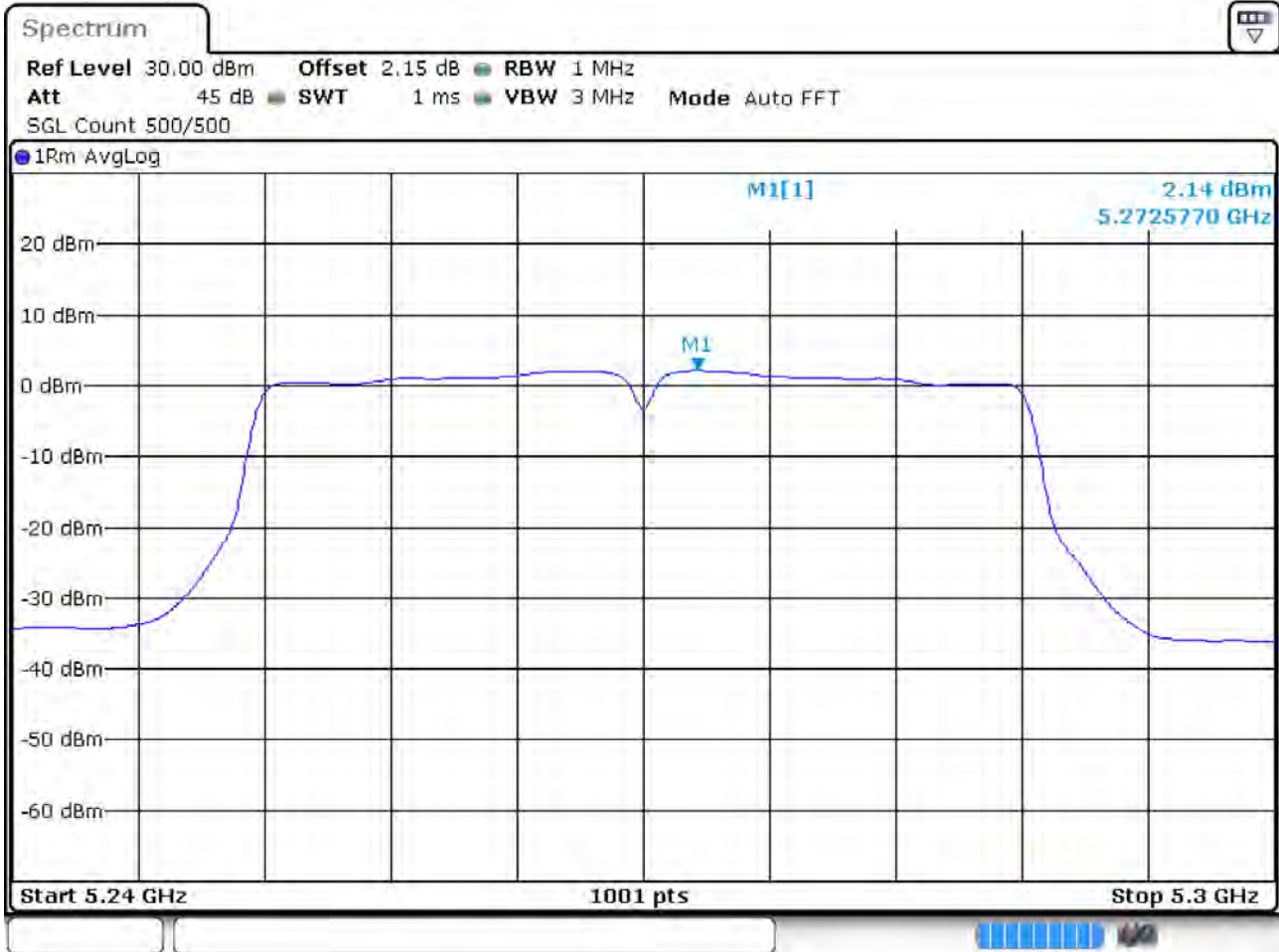
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4.8.2.48 11AC40\_54 ANT 1

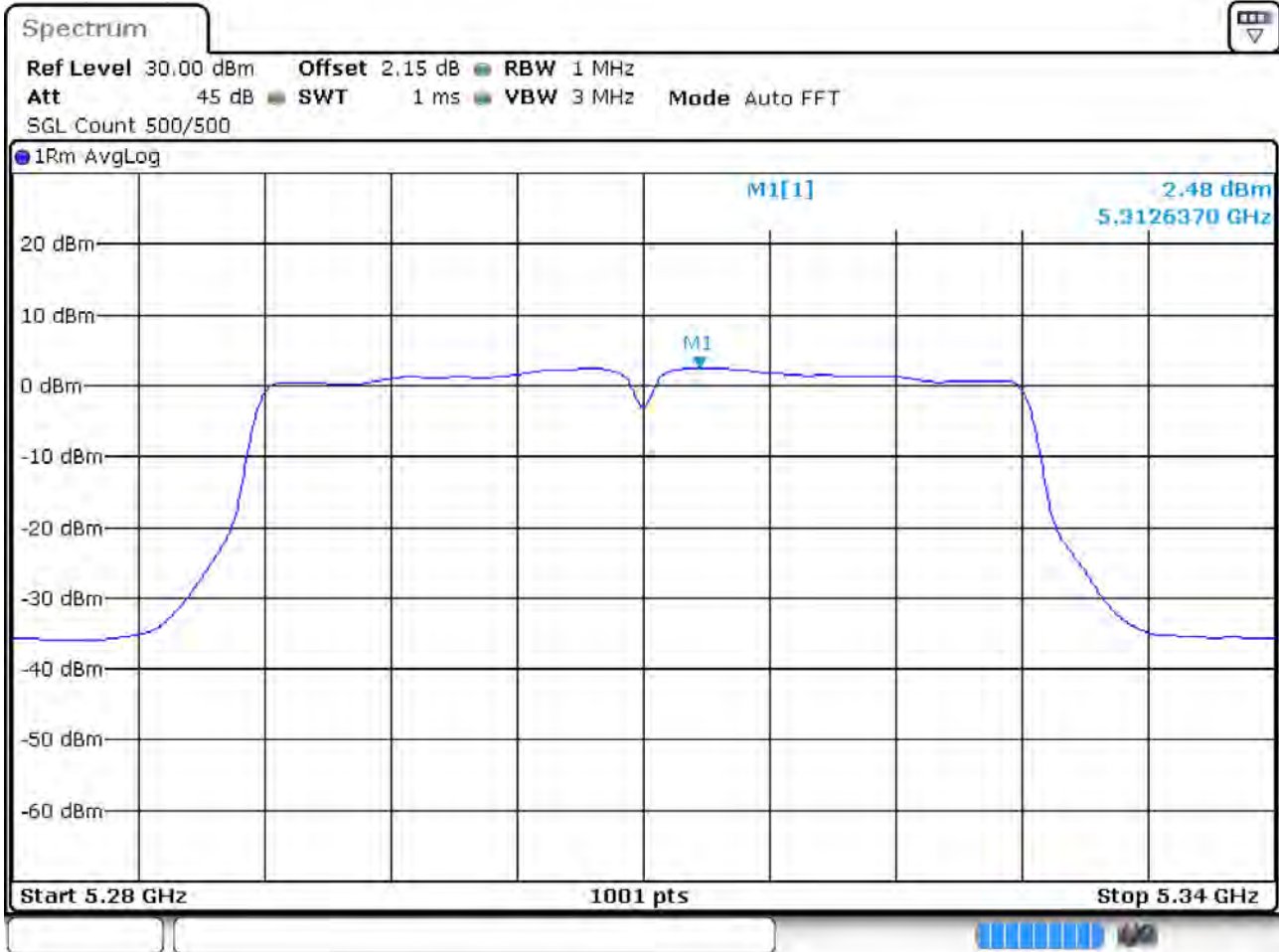


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4.8.2.49 11AC40\_62 ANT 1

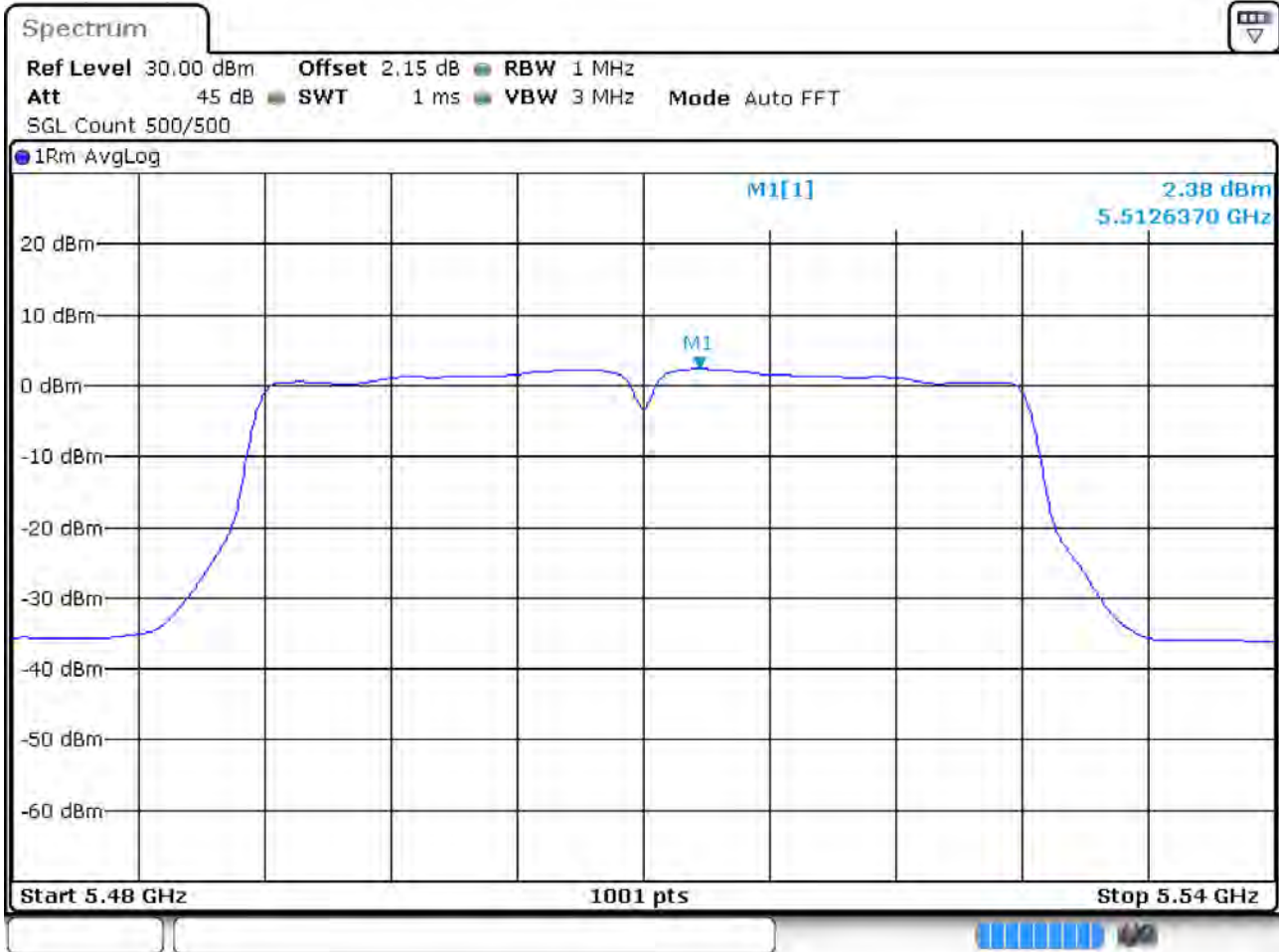


Date: 13.OCT.2020 15:21:43



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4.8.2.50 11AC40\_102 ANT 1



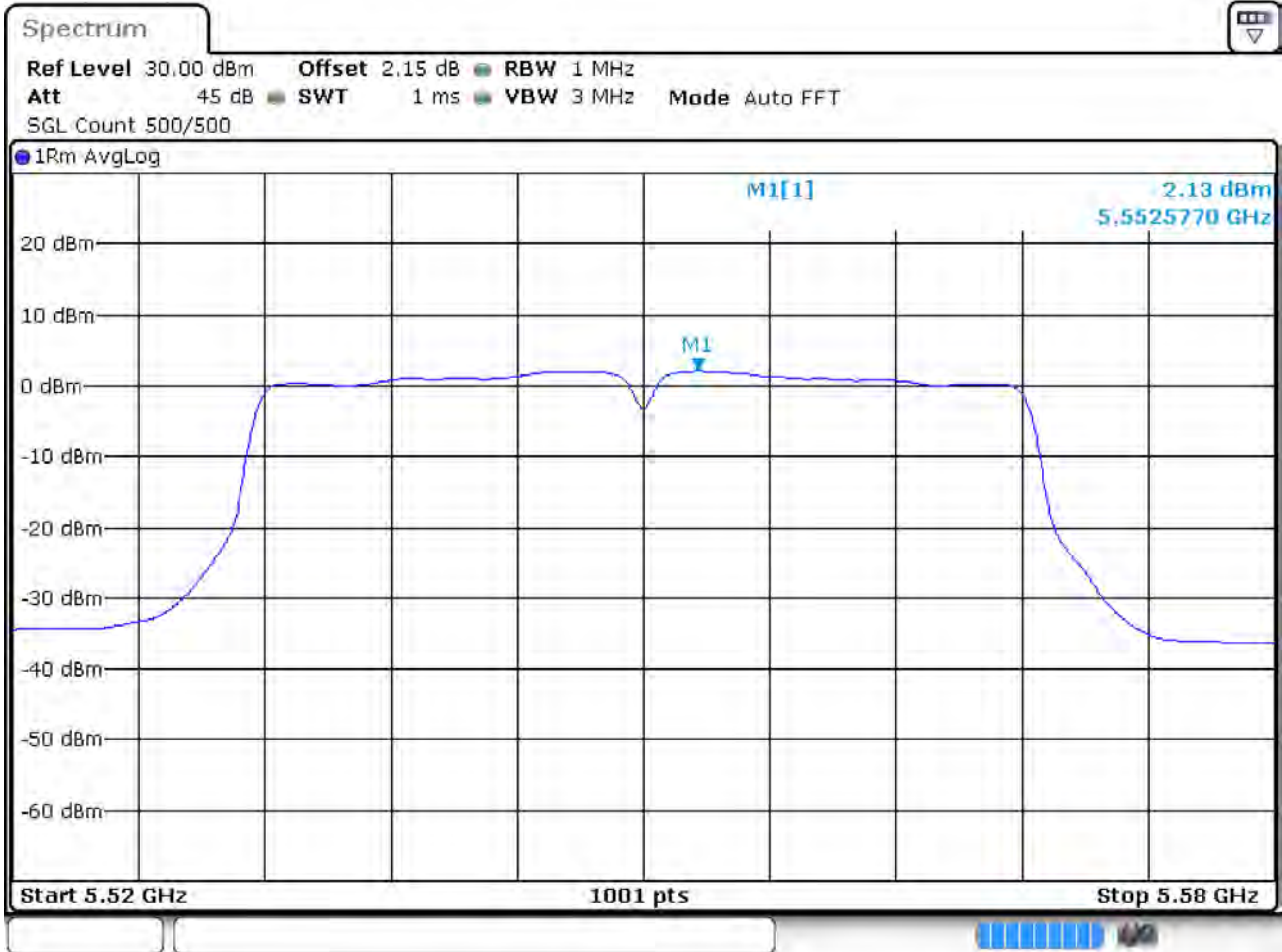
Date: 13.OCT.2020 15:24:13



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4.8.2.51 11AC40\_110 ANT 1



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4.8.2.52 11AC40\_134 ANT 1



Date: 13.OCT.2020 15:30:04

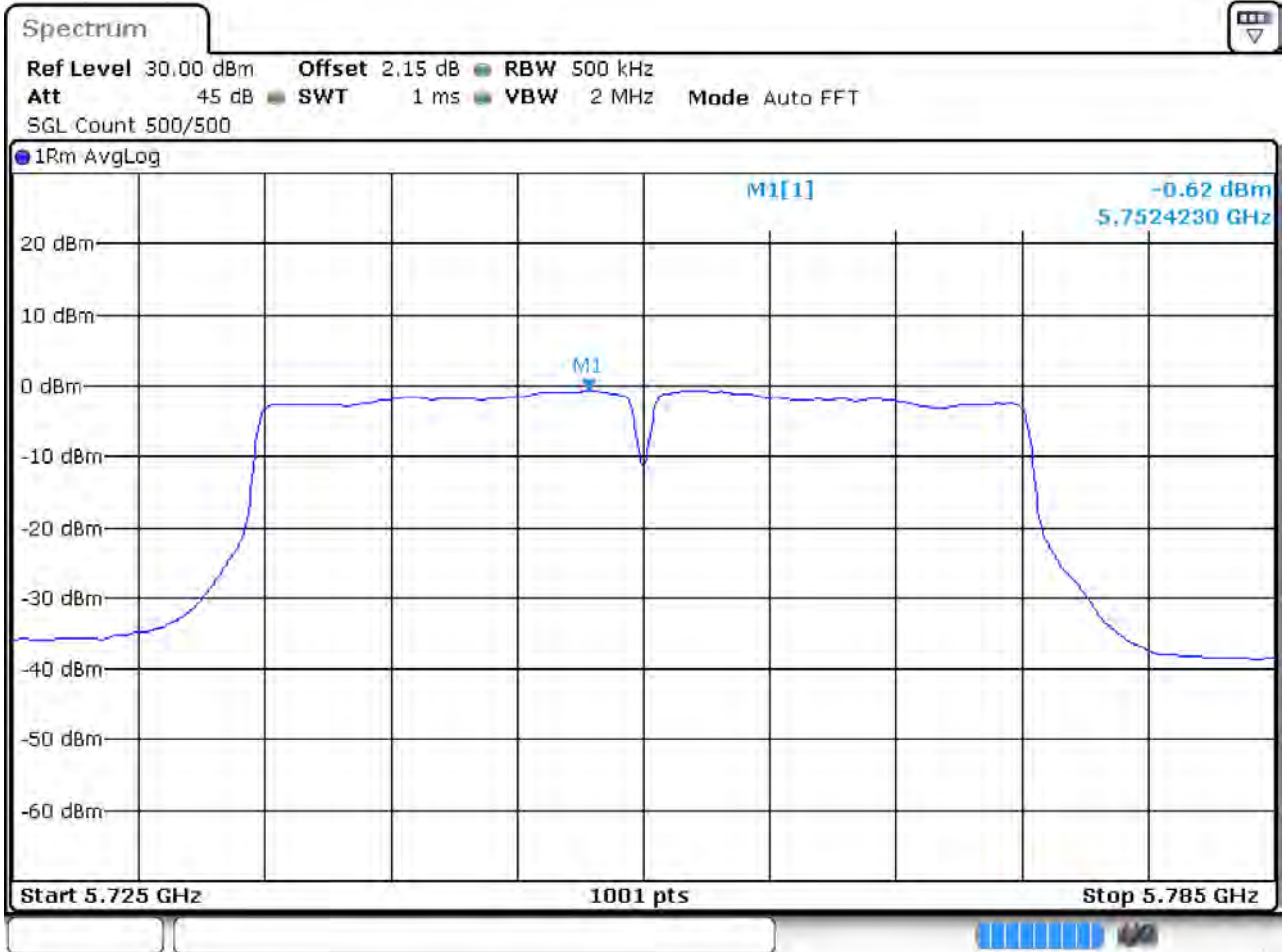


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4.8.2.53 11AC40\_151 ANT 1



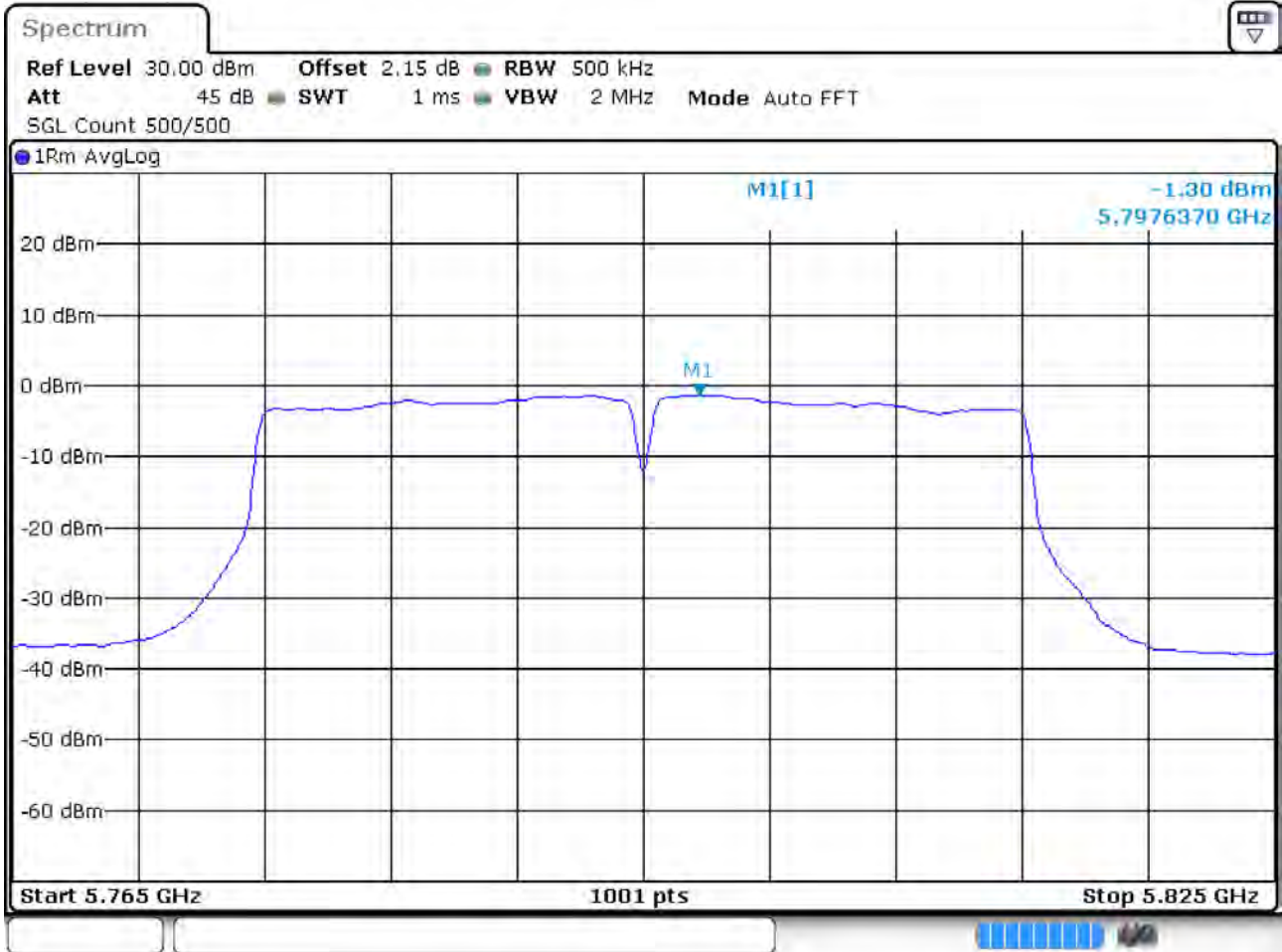
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4.8.2.54 11AC40\_159 ANT 1



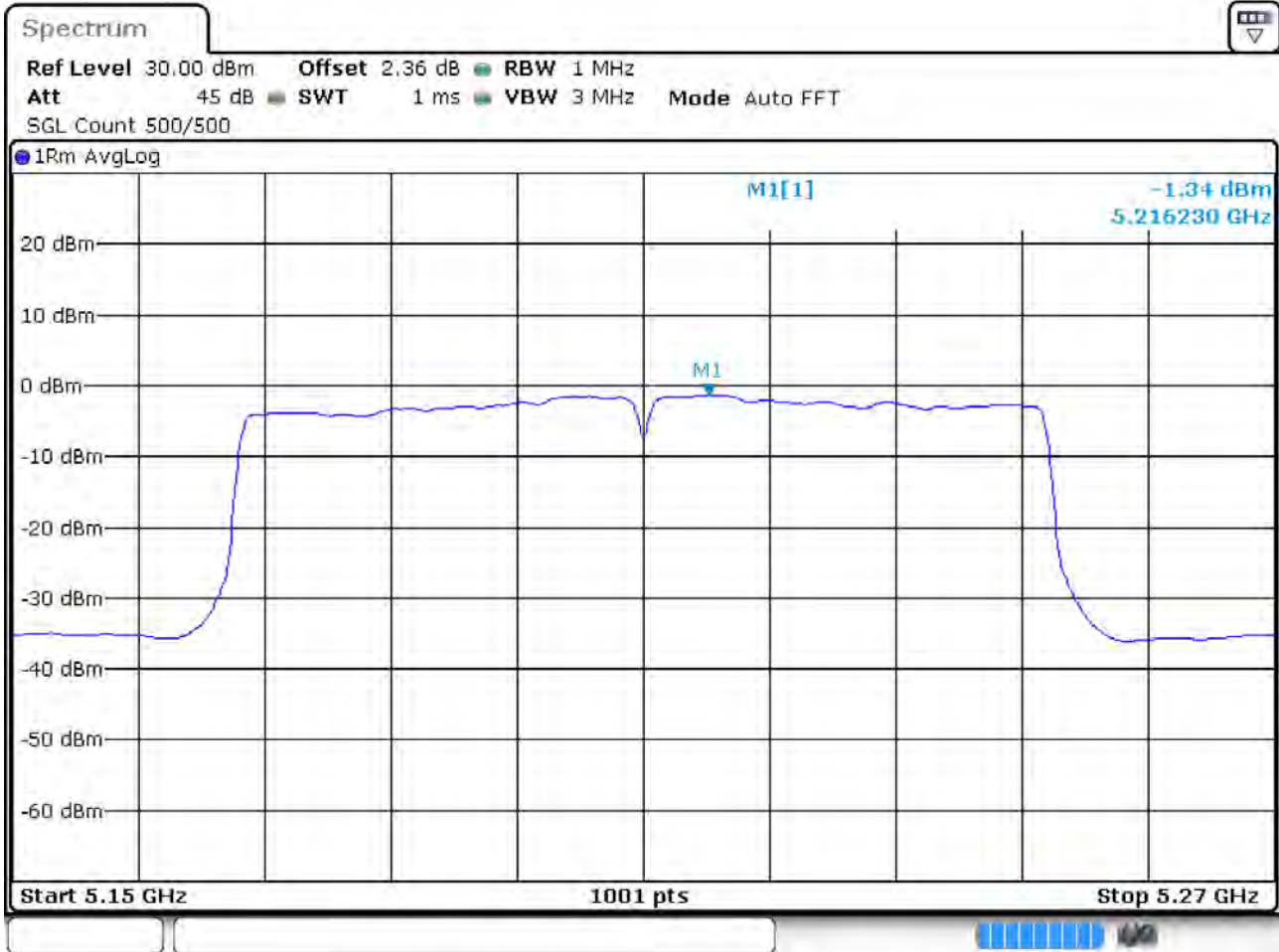
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4.8.2.55 11AC80\_42 ANT 1

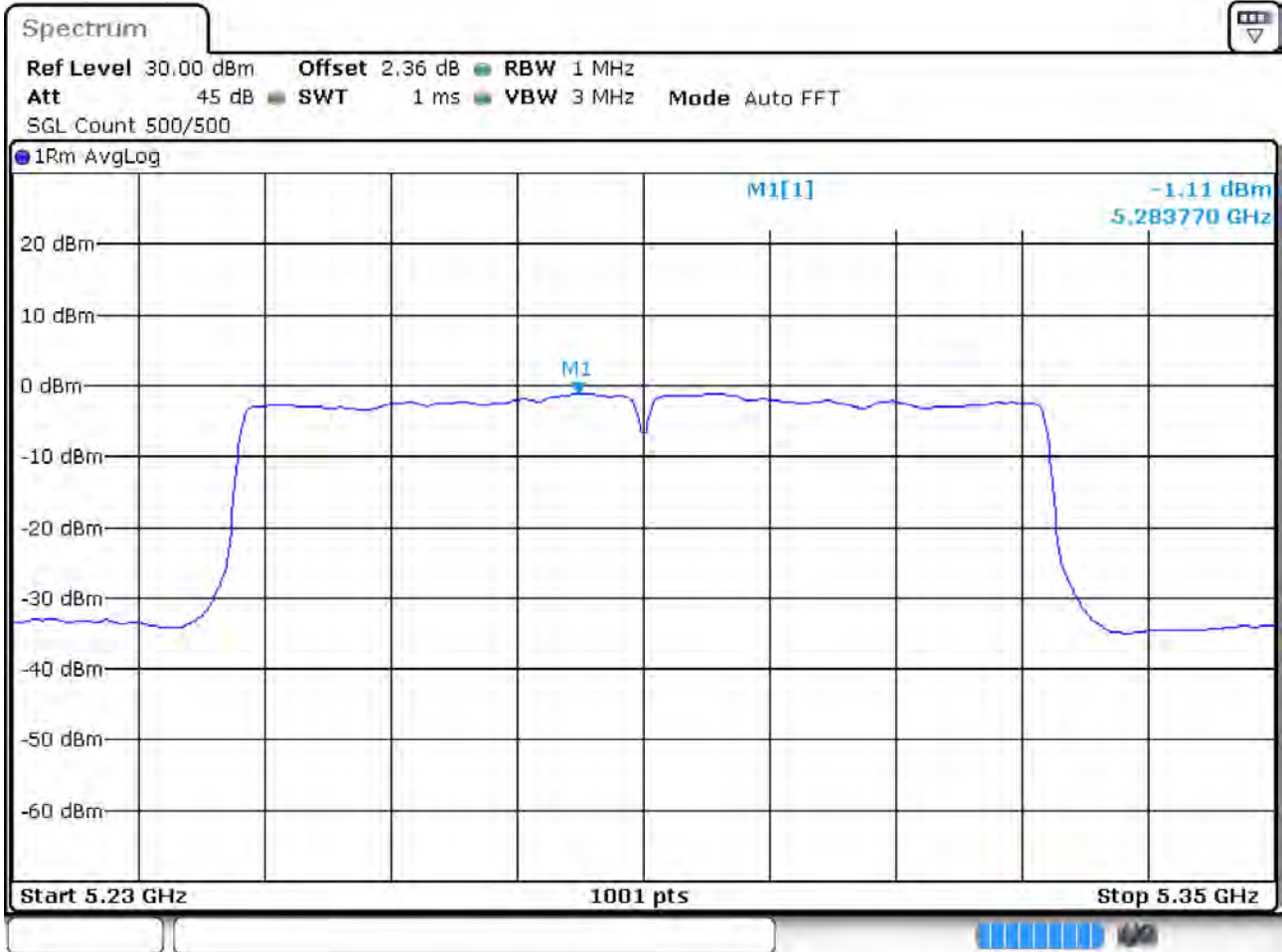


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4.8.2.56 11AC80\_58 ANT 1



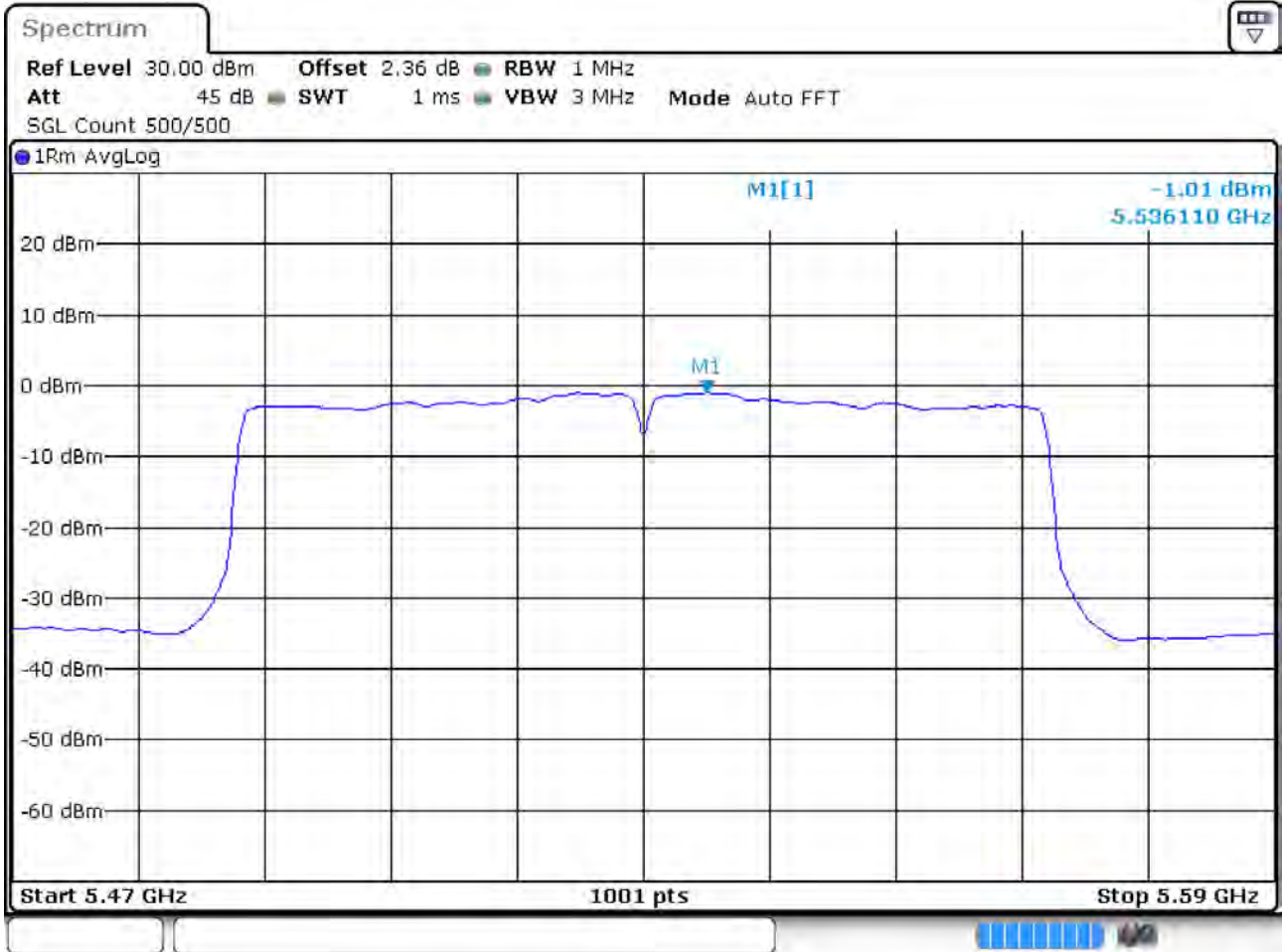
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**4.8.2.57 11AC80\_106 ANT 1**



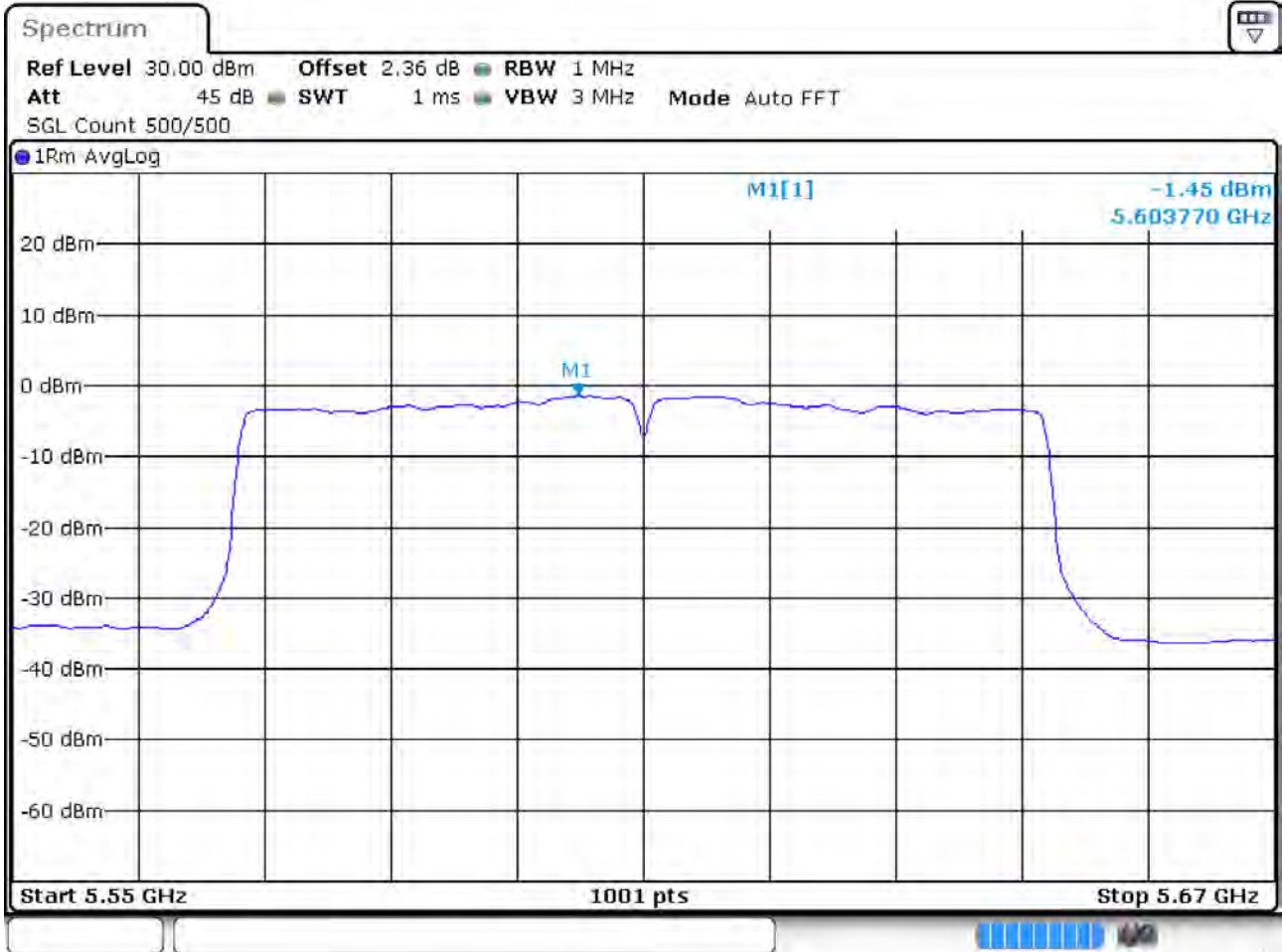
Date: 13.OCT.2020 15:51:33



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4.8.2.58 11AC80\_122 ANT 1



Date: 13.OCT.2020 15:54:01

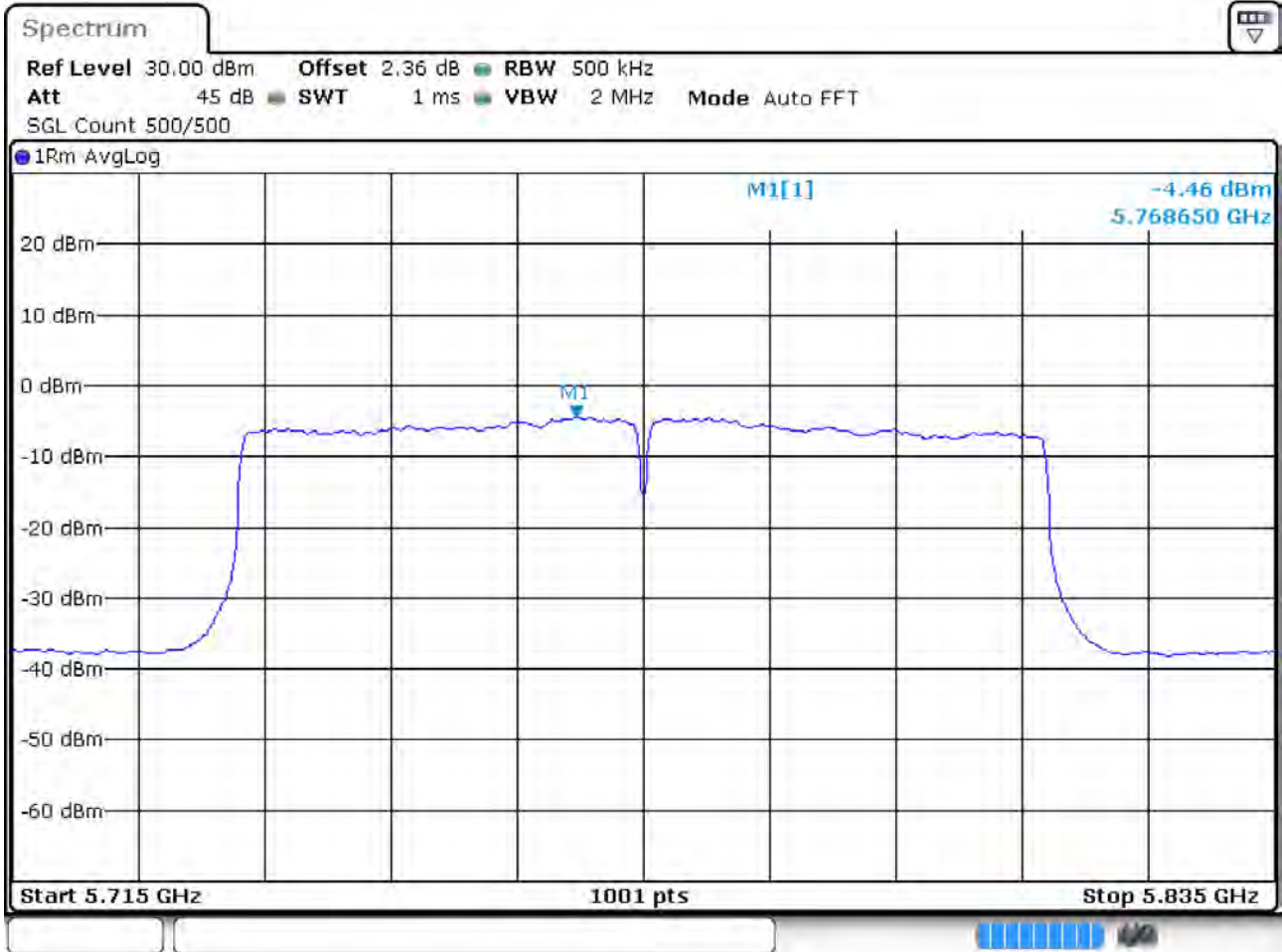


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4.8.2.59 11AC80\_155 ANT 1



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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:	

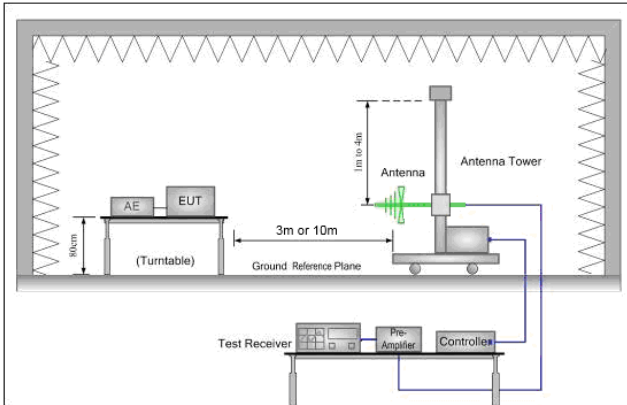


Figure 1. 30MHz to 1GHz

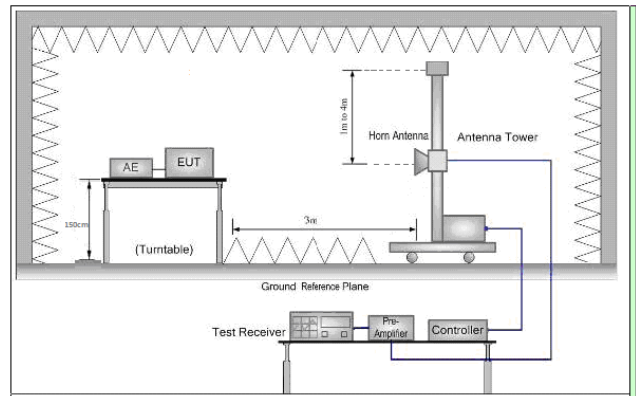


Figure 2. Above 1 GHz

Test Procedure:	<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> <li>Repeat above procedures until all frequencies measured was complete.</li> </ol>
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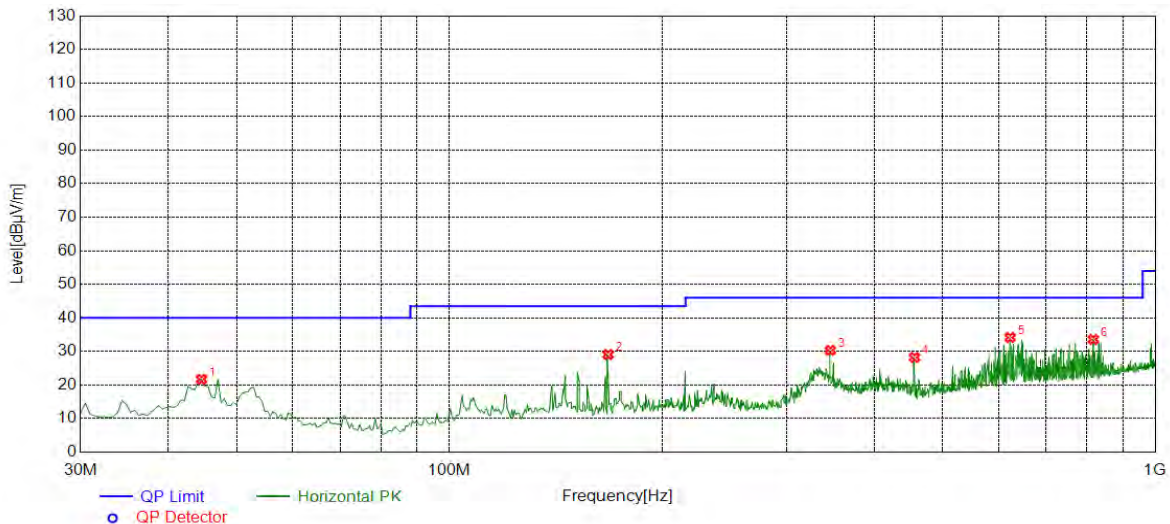
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Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20); MCS0 of rate is the worst case of 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

### 4.9.1 Radiated emission below 1GHz

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



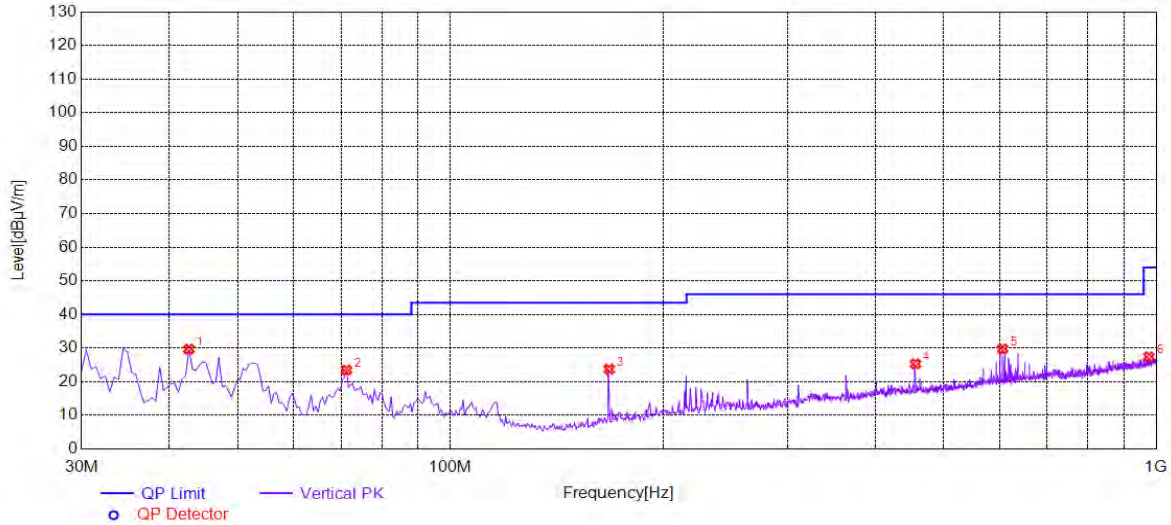
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	44.5573	21.71	-30.24	40.00	18.29	100	336	Horizontal
2	167.808	29.08	-34.17	43.50	14.42	100	271	Horizontal
3	346.378	30.34	-26.96	46.00	15.66	100	263	Horizontal
4	456.043	28.23	-24.28	46.00	17.77	100	271	Horizontal
5	622.966	34.16	-20.35	46.00	11.84	100	271	Horizontal
6	817.063	33.59	-17.48	46.00	12.41	100	235	Horizontal



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Test mode:	Transmitting	Vertical
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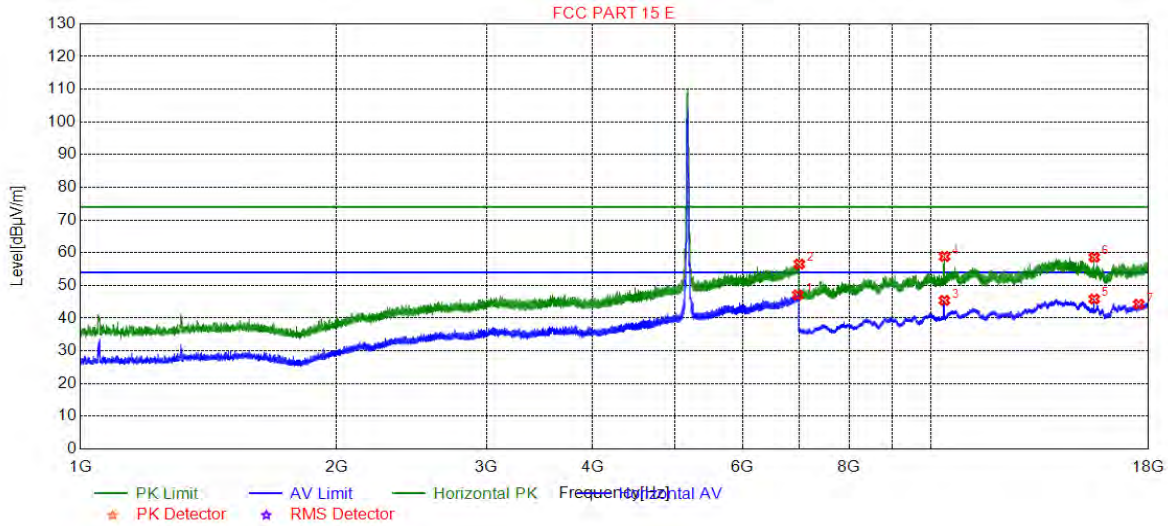
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	42.6163	29.67	-29.43	40.00	10.33	100	66	Vertical
2	71.2456	23.46	-34.61	40.00	16.54	100	142	Vertical
3	167.808	23.74	-34.17	43.50	19.76	100	182	Vertical
4	456.043	25.34	-24.28	46.00	20.66	100	334	Vertical
5	605.983	29.77	-20.56	46.00	16.23	100	290	Vertical
6	976.223	27.44	-15.12	54.00	26.56	100	278	Vertical



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**4.9.1 Transmitter emission above 1GHz**  
**4.9.1.1 802.11A\_Channel 36**

**Test Graph**



**Suspected List**

Suspected List						
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Polarity
1	6966.9984	47.09	21.26	54.00	6.91	Horizontal
2	6995.1998	56.53	21.27	74.00	17.47	Horizontal
3	10359.018	45.43	-3.63	54.00	8.57	Horizontal
4	10362.868	58.86	-3.63	74.00	15.14	Horizontal
5	15539.177	45.86	0.47	54.00	8.14	Horizontal
6	15539.727	58.61	0.46	74.00	15.39	Horizontal
7	17523.126	44.26	-0.99	54.00	9.74	Horizontal

**Final Data List**



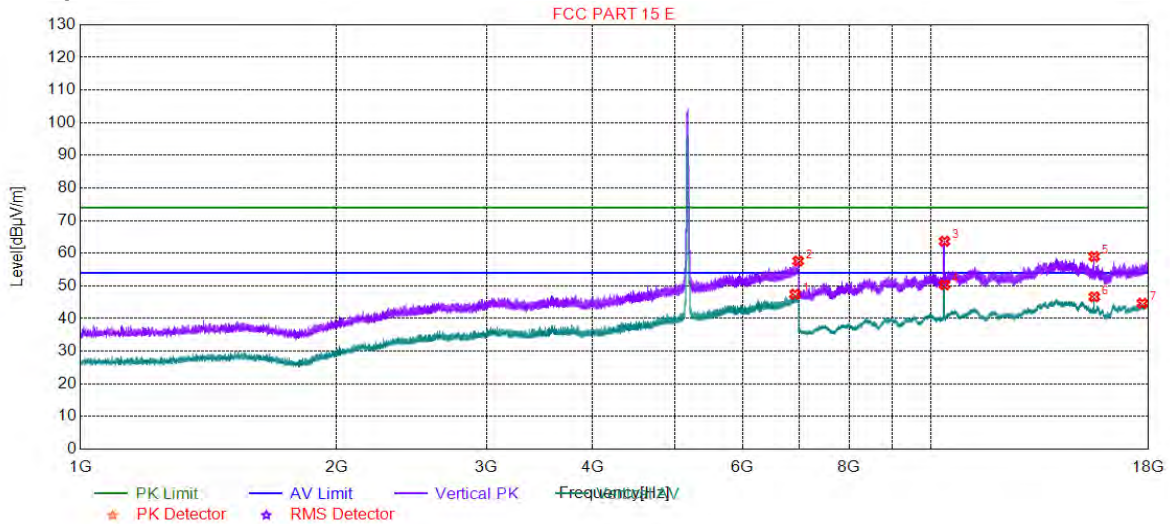
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**4.9.1.2 802.11A\_Channel 36**

**Test Graph**



**Suspected List**

Suspected List						
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Polarity
1	6915.0958	47.47	20.94	54.00	6.53	Vertical
2	6973.5987	57.64	21.26	74.00	16.36	Vertical
3	10361.218	63.70	-3.63	74.00	10.30	Vertical
4	10362.318	50.36	-3.63	54.00	3.64	Vertical
5	15535.326	59.00	0.49	74.00	15.00	Vertical
6	15541.927	46.65	0.45	54.00	7.35	Vertical
7	17700.235	44.67	-0.64	54.00	9.33	Vertical

**Final Data List**

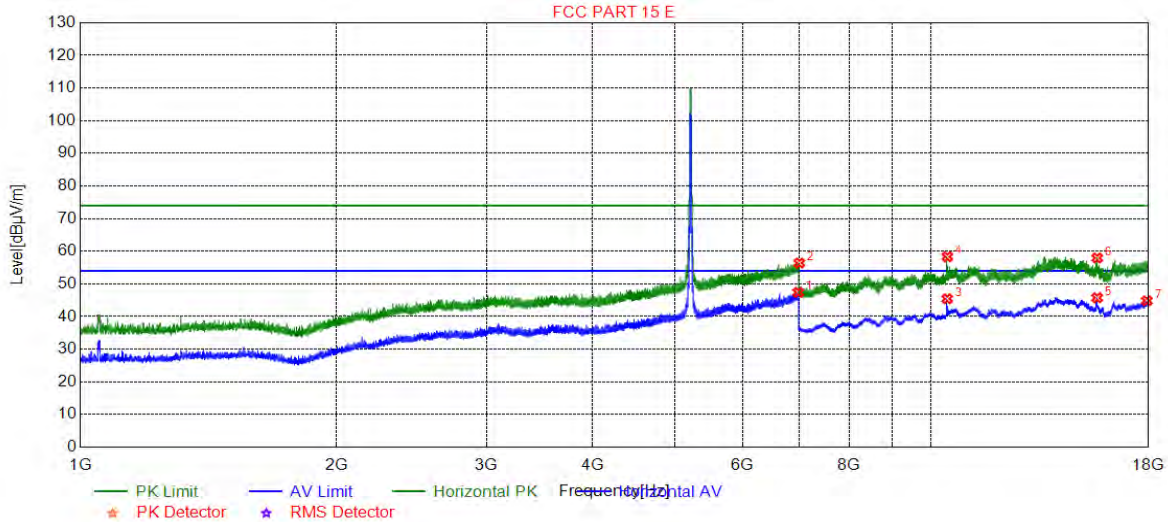


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**4.9.1.3 802.11A\_Channel 44**

**Test Graph**



**Suspected List**

Suspected List						
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Polarity
1	6975.9988	47.41	21.26	54.00	6.59	Horizontal
2	6995.7998	56.40	21.27	74.00	17.60	Horizontal
3	10437.671	45.46	-3.27	54.00	8.54	Horizontal
4	10441.522	58.34	-3.24	74.00	15.66	Horizontal
5	15660.733	45.77	0.43	54.00	8.23	Horizontal
6	15664.033	57.96	0.45	74.00	16.04	Horizontal
7	17916.395	44.84	-1.31	54.00	9.16	Horizontal

**Final Data List**



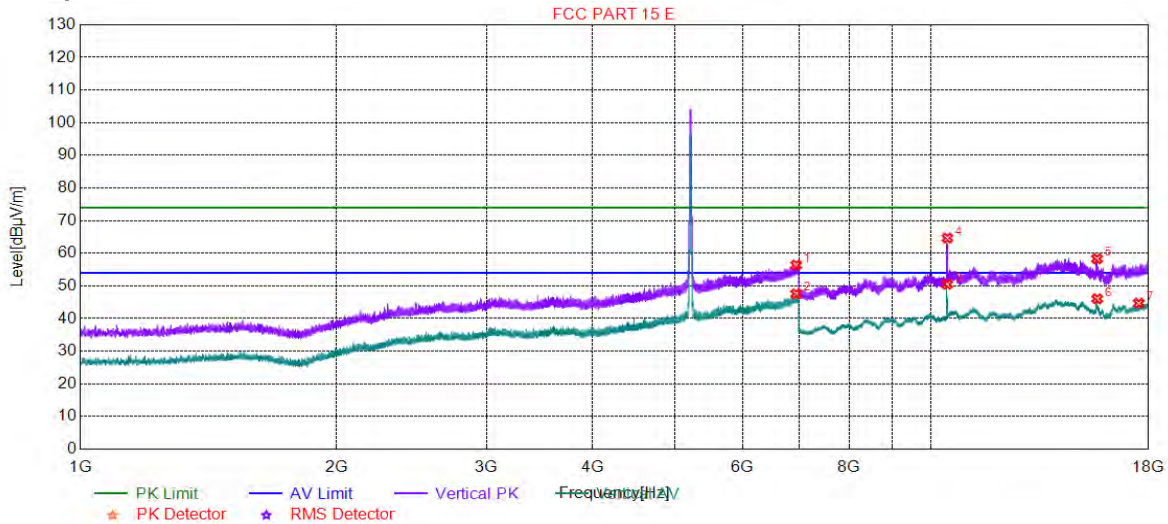
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**4.9.1.4 802.11A\_Channel 44**

**Test Graph**



**Suspected List**

Suspected List						
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Polarity
1	6936.0968	56.39	21.13	74.00	17.61	Vertical
2	6936.9969	47.60	21.14	54.00	6.40	Vertical
3	10440.422	50.49	-3.24	54.00	3.51	Vertical
4	10441.522	64.68	-3.24	74.00	9.32	Vertical
5	15654.682	58.32	0.40	74.00	15.68	Vertical
6	15662.933	46.07	0.44	54.00	7.93	Vertical
7	17528.076	44.70	-0.97	54.00	9.30	Vertical

**Final Data List**



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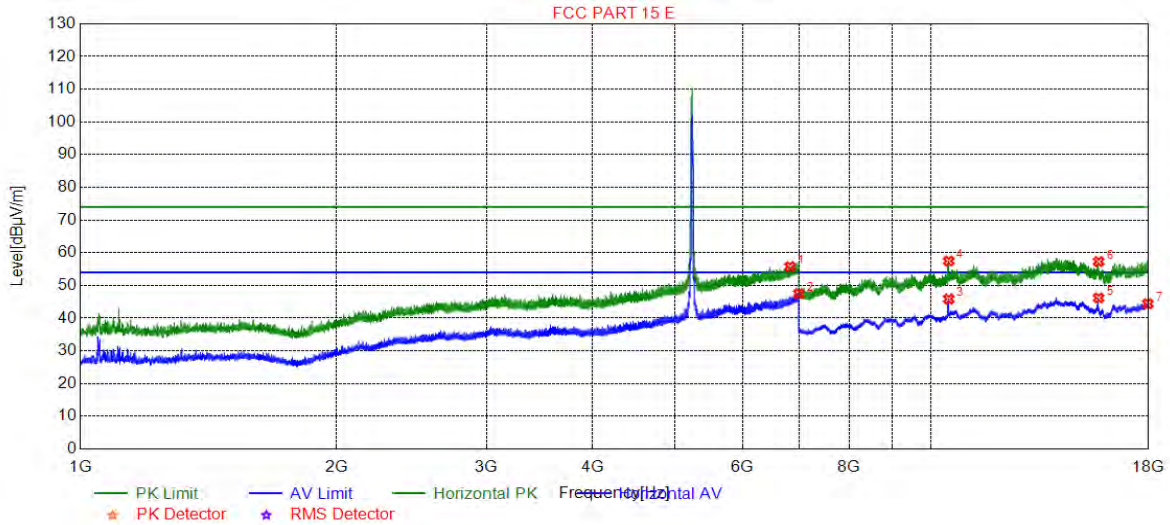
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**4.9.1.5 802.11A\_Channel 48**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6822.99	55.76	20.62	74.00	18.24	150	0	Horizontal
2	6986.79	47.52	21.27	54.00	6.48	150	0	Horizontal
3	10481.1	45.87	-2.93	54.00	8.13	150	360	Horizontal
4	10482.2	57.49	-2.92	74.00	16.51	150	267	Horizontal
5	15722.8	46.20	0.25	54.00	7.80	150	360	Horizontal
6	15723.4	57.31	0.24	74.00	16.69	150	360	Horizontal
7	17962.5	44.43	-1.29	54.00	9.57	150	267	Horizontal

**Final Data List**



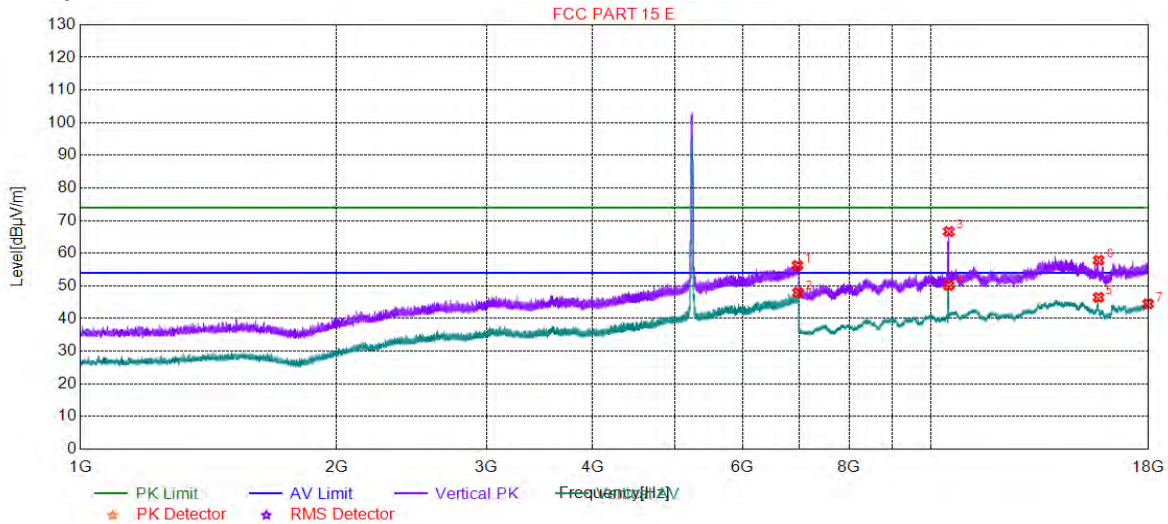
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**4.9.1.6 802.11A\_Channel 48**

**Test Graph**



**Suspected List**

Suspected List						
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Polarity
1	6960.6980	56.29	21.26	74.00	17.71	Vertical
2	6970.8985	48.01	21.26	54.00	5.99	Vertical
3	10481.674	66.65	-2.92	74.00	7.35	Vertical
4	10482.224	50.16	-2.92	54.00	3.84	Vertical
5	15720.136	46.50	0.29	54.00	7.50	Vertical
6	15722.886	57.86	0.25	74.00	16.14	Vertical
7	17971.398	44.52	-1.29	54.00	9.48	Vertical

**Final Data List**

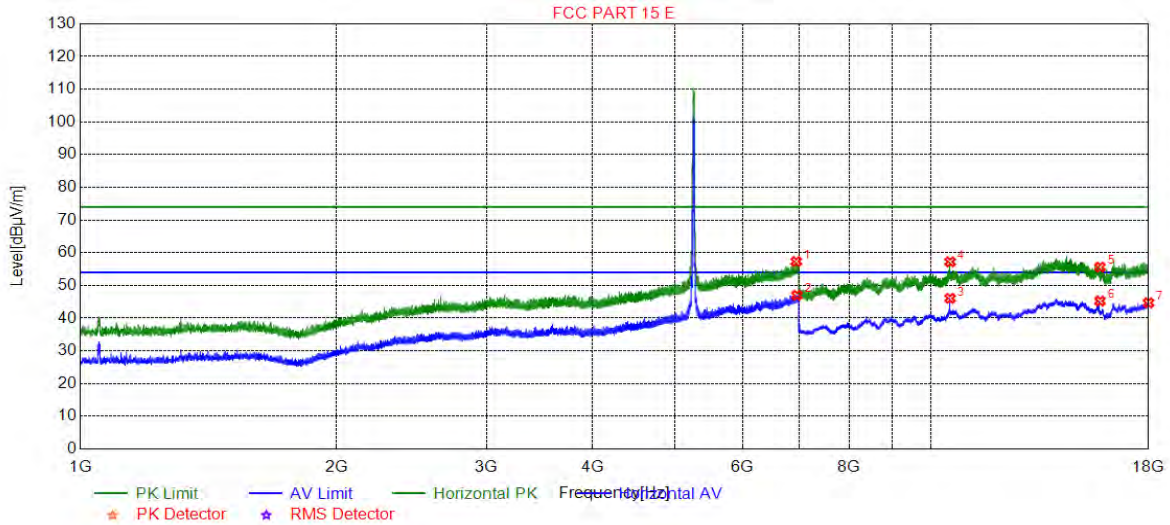


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**4.9.1.7 802.11A\_Channel 52**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6937.89	57.34	21.15	74.00	16.66	150	291	Horizontal
2	6948.39	47.00	21.24	54.00	7.00	150	342	Horizontal
3	10519.6	46.07	-2.80	54.00	7.93	150	268	Horizontal
4	10521.2	57.23	-2.80	74.00	16.77	150	360	Horizontal
5	15780.0	55.63	-0.72	74.00	18.37	150	18	Horizontal
6	15780.6	45.25	-0.72	54.00	8.75	150	18	Horizontal
7	17993.9	44.68	-1.28	54.00	9.32	150	69	Horizontal

**Final Data List**



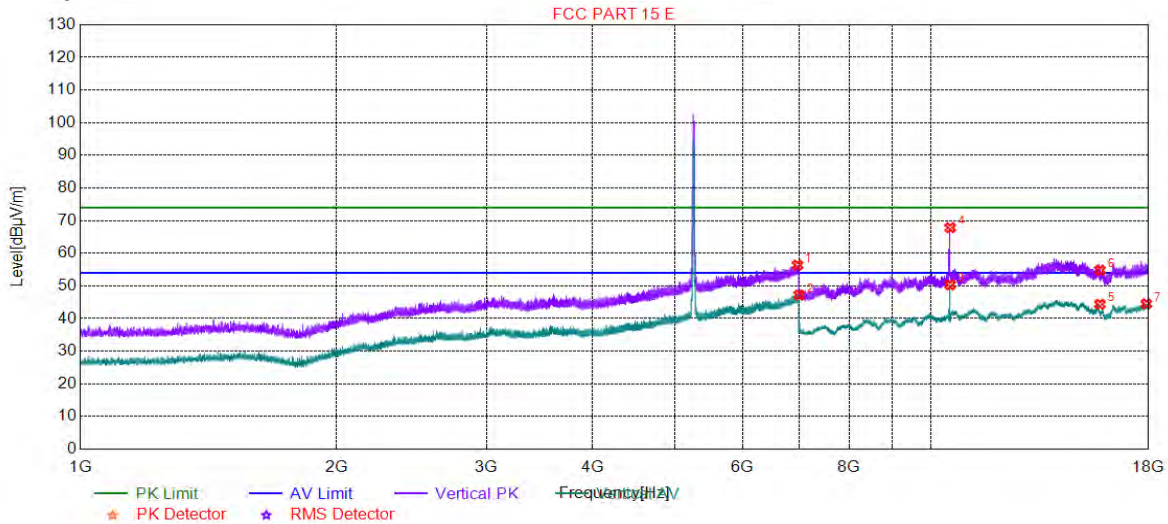
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**4.9.1.8 802.11A\_Channel 52**

**Test Graph**



**Suspected List**

Suspected List						
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Polarity
1	6963.0982	56.37	21.26	74.00	17.63	Vertical
2	6990.0995	47.22	21.27	54.00	6.78	Vertical
3	10519.626	50.34	-2.80	54.00	3.66	Vertical
4	10522.926	67.85	-2.80	74.00	6.15	Vertical
5	15778.988	44.41	-0.70	54.00	9.59	Vertical
6	15780.000	54.83	-0.72	74.00	19.17	Vertical
7	17887.794	44.53	-1.47	54.00	9.47	Vertical

**Final Data List**



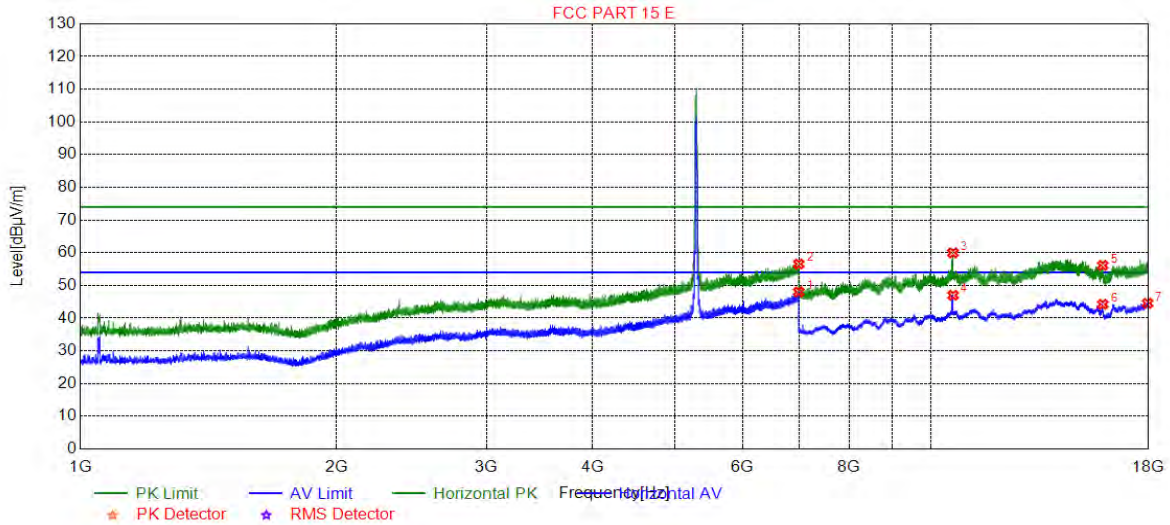
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**4.9.1.9 802.11A\_Channel 60**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6984.09	48.05	21.27	54.00	5.95	150	192	Horizontal
2	6984.69	56.56	21.27	74.00	17.44	150	0	Horizontal
3	10601.5	59.98	-2.86	74.00	14.02	150	317	Horizontal
4	10603.7	47.00	-2.86	54.00	7.00	150	317	Horizontal
5	15900.0	56.14	-0.52	74.00	17.86	150	360	Horizontal
6	15900.0	44.24	-0.52	54.00	9.76	150	360	Horizontal
7	17949.9	44.56	-1.30	54.00	9.44	150	68	Horizontal

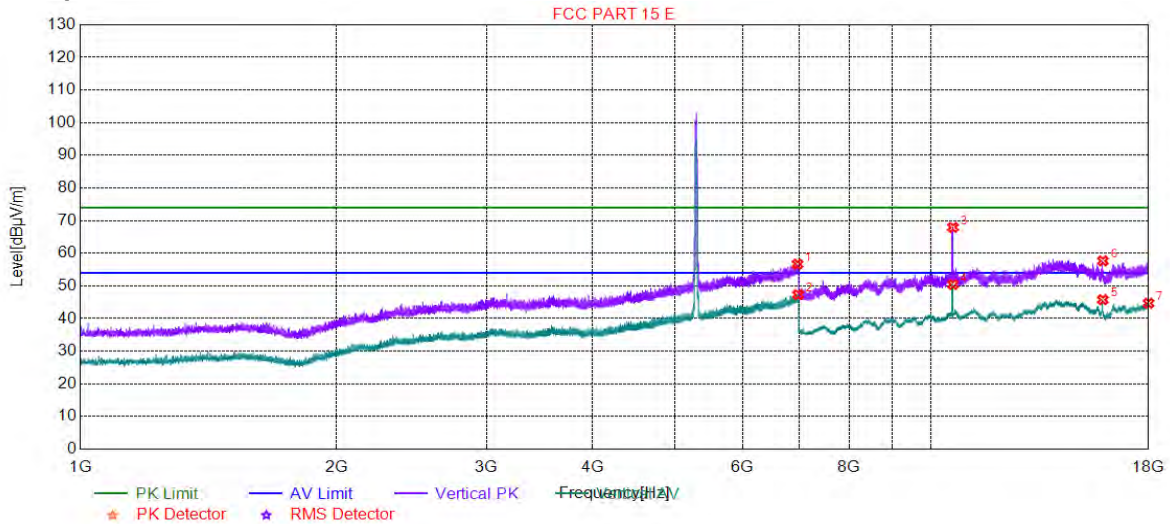
**Final Data List**



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**4.9.1.10 802.11A\_Channel 60**

**Test Graph**



**Suspected List**

Suspected List						
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Polarity
1	6962.4981	56.67	21.26	74.00	17.33	Vertical
2	6972.3986	47.36	21.26	54.00	6.64	Vertical
3	10601.030	67.94	-2.86	74.00	6.06	Vertical
4	10602.680	50.45	-2.86	54.00	3.55	Vertical
5	15903.845	45.79	-0.55	54.00	8.21	Vertical
6	15904.945	57.69	-0.57	74.00	16.31	Vertical
7	17999.450	44.69	-1.28	54.00	9.31	Vertical

**Final Data List**

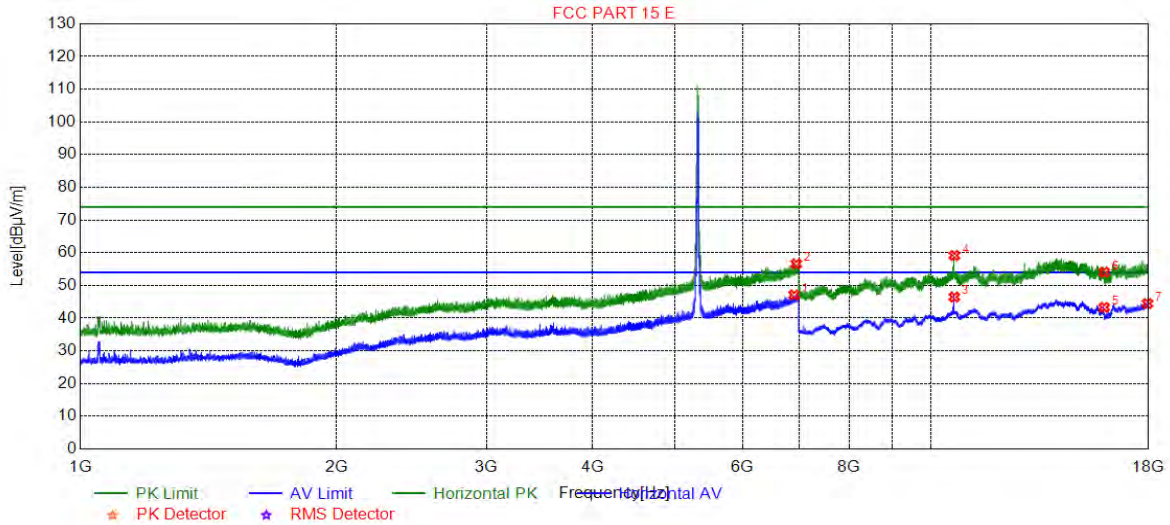


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**4.9.1.11 802.11A\_Channel 64**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6897.09	47.11	20.81	54.00	6.89	150	241	Horizontal
2	6938.49	56.62	21.15	74.00	17.38	150	91	Horizontal
3	10640.0	46.48	-2.84	54.00	7.52	150	319	Horizontal
4	10642.8	59.15	-2.84	74.00	14.85	150	360	Horizontal
5	15960.0	43.32	-1.22	54.00	10.68	150	319	Horizontal
6	15960.0	54.08	-1.22	74.00	19.92	150	360	Horizontal
7	17942.7	44.48	-1.30	54.00	9.52	150	168	Horizontal

**Final Data List**



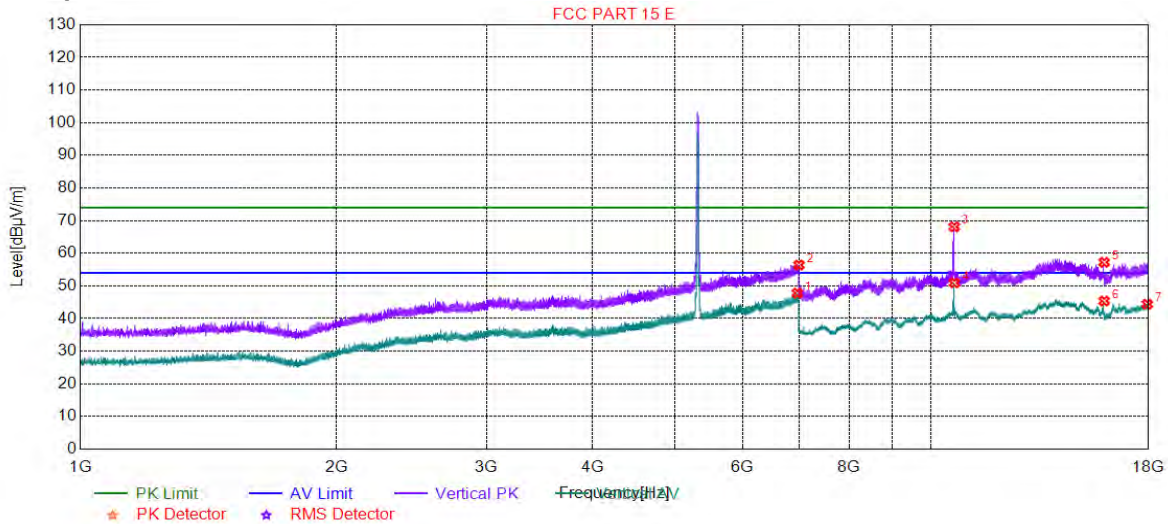
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**4.9.1.12 802.11A\_Channel 64**

**Test Graph**



**Suspected List**

Suspected List						
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Polarity
1	6960.9981	47.78	21.26	54.00	6.22	Vertical
2	6987.6994	56.42	21.27	74.00	17.58	Vertical
3	10641.182	68.11	-2.84	74.00	5.89	Vertical
4	10642.282	50.94	-2.84	54.00	3.06	Vertical
5	15959.948	57.23	-1.21	74.00	16.77	Vertical
6	15959.948	45.38	-1.21	54.00	8.62	Vertical
7	17935.096	44.41	-1.30	54.00	9.59	Vertical

**Final Data List**



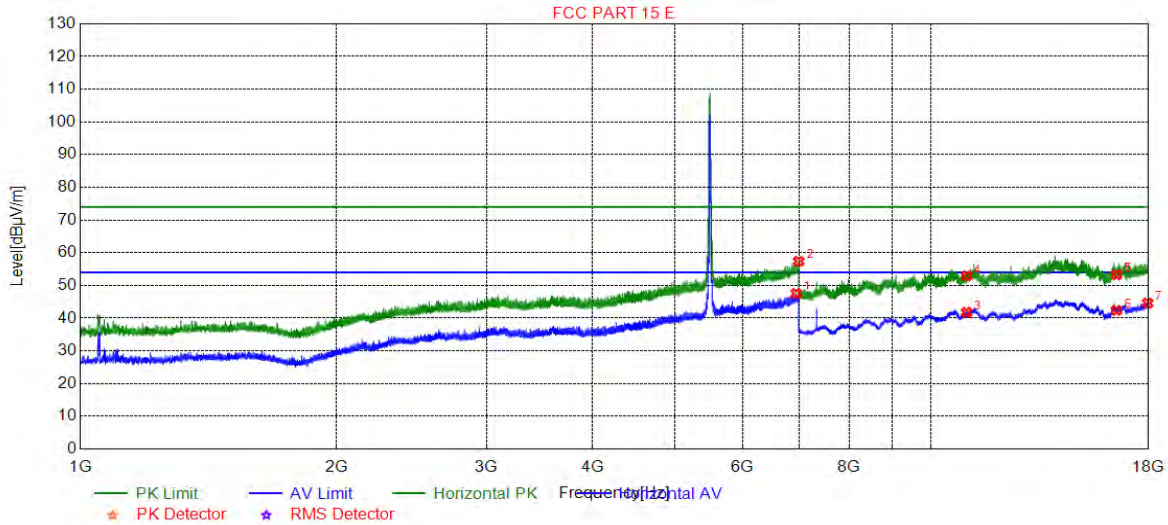
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**4.9.1.13 802.11A\_Channel 100**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6936.09	47.57	21.13	54.00	6.43	150	342	Horizontal
2	6983.49	57.38	21.27	74.00	16.62	150	242	Horizontal
3	11000.0	41.77	-2.17	54.00	12.23	150	360	Horizontal
4	11000.0	52.89	-2.17	74.00	21.11	150	360	Horizontal
5	16500.0	53.26	-1.16	74.00	20.74	150	219	Horizontal
6	16500.0	42.40	-1.16	54.00	11.60	150	219	Horizontal
7	17949.9	44.61	-1.30	54.00	9.39	150	268	Horizontal

**Final Data List**

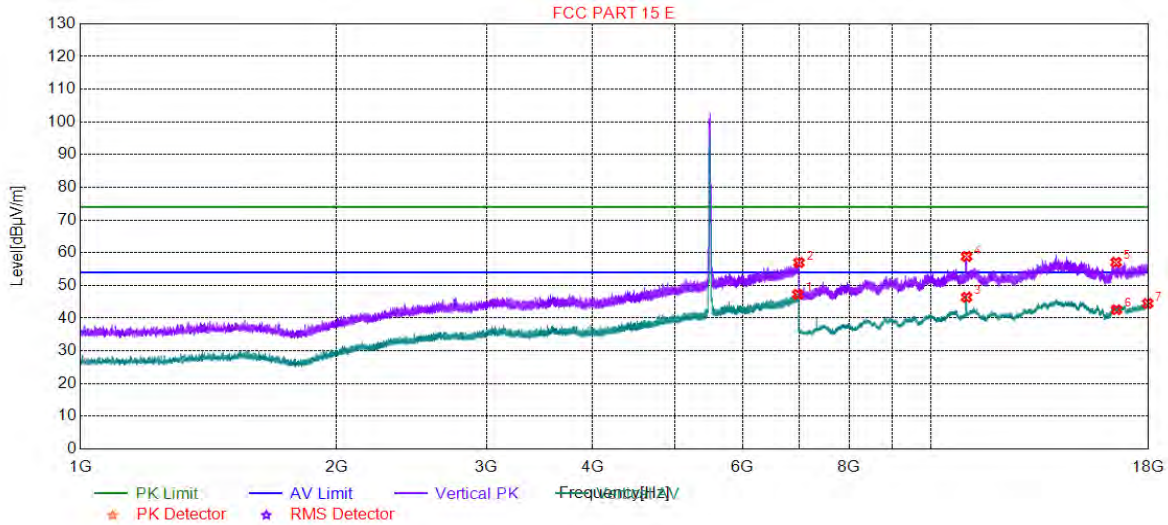


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**4.9.1.14 802.11A\_Channel 100**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6968.49	47.32	21.26	54.00	6.68	150	317	Vertical
2	6988.89	57.00	21.27	74.00	17.00	150	216	Vertical
3	11000.0	46.40	-2.17	54.00	7.60	150	192	Vertical
4	11000.0	58.86	-2.17	74.00	15.14	150	91	Vertical
5	16482.4	57.11	-1.15	74.00	16.89	150	142	Vertical
6	16500.0	42.58	-1.16	54.00	11.42	150	241	Vertical
7	17952.1	44.50	-1.29	54.00	9.50	150	192	Vertical

**Final Data List**

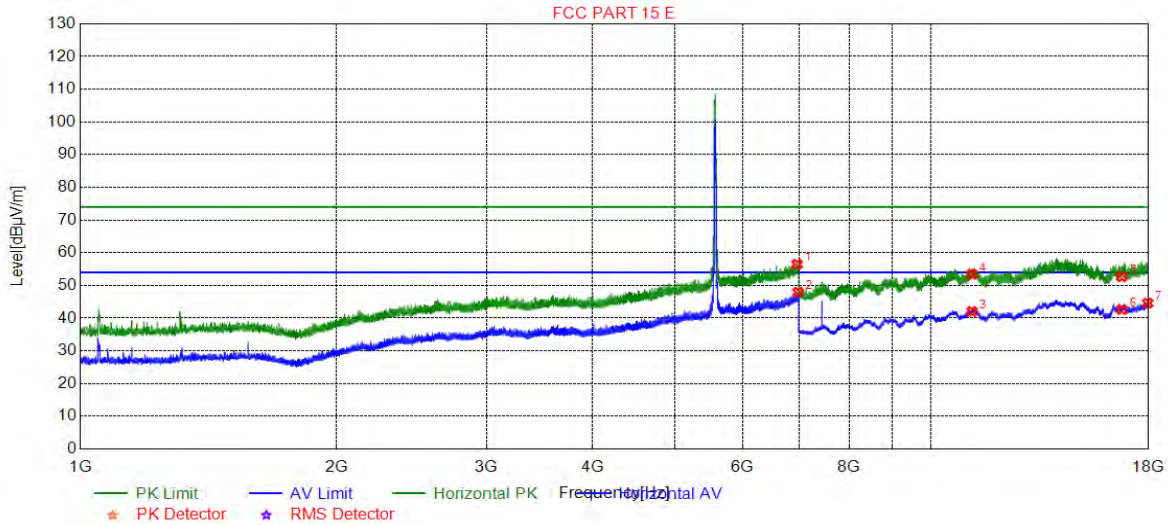


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**4.9.1.15 802.11A\_Channel 116**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6951.69	56.49	21.26	74.00	17.51	150	0	Horizontal
2	6972.09	47.95	21.26	54.00	6.05	150	0	Horizontal
3	11160.0	42.07	-2.32	54.00	11.93	150	118	Horizontal
4	11160.0	53.46	-2.32	74.00	20.54	150	218	Horizontal
5	16740.0	52.67	-0.79	74.00	21.33	150	360	Horizontal
6	16740.0	42.69	-0.79	54.00	11.31	150	360	Horizontal
7	17954.3	44.60	-1.29	54.00	9.40	150	218	Horizontal

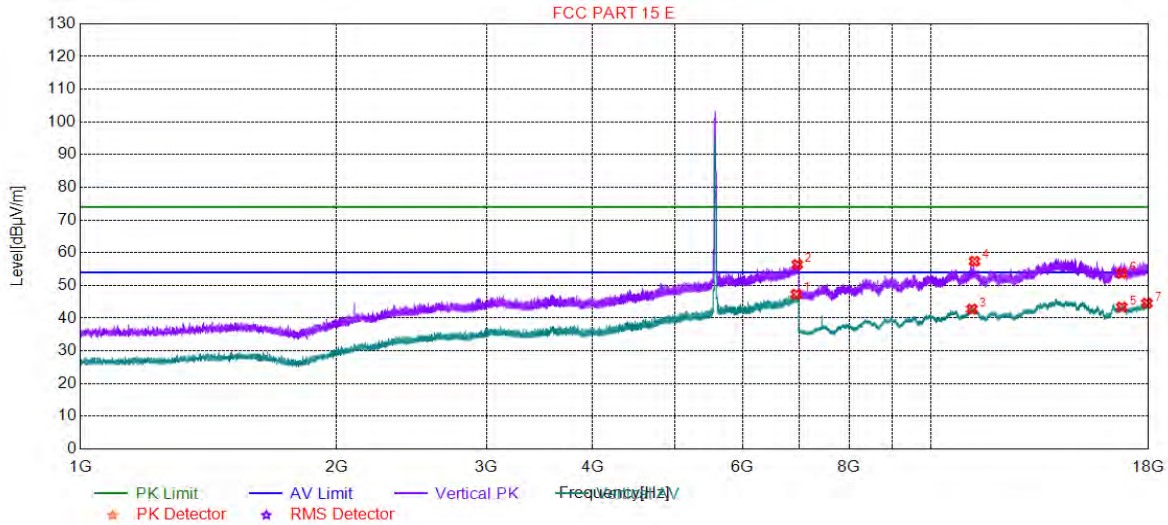
**Final Data List**



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**4.9.1.16 802.11A\_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	6937.89	47.33	21.15	54.00	6.67	150	67	Vertical
2	6957.69	56.40	21.26	74.00	17.60	150	117	Vertical
3	11160.0	42.80	-2.32	54.00	11.20	150	93	Vertical
4	11237.4	57.39	-2.33	74.00	16.61	150	43	Vertical
5	16740.0	43.39	-0.79	54.00	10.61	150	93	Vertical
6	16740.0	53.72	-0.79	74.00	20.28	150	142	Vertical
7	17922.4	44.58	-1.30	54.00	9.42	150	142	Vertical

**Final Data List**

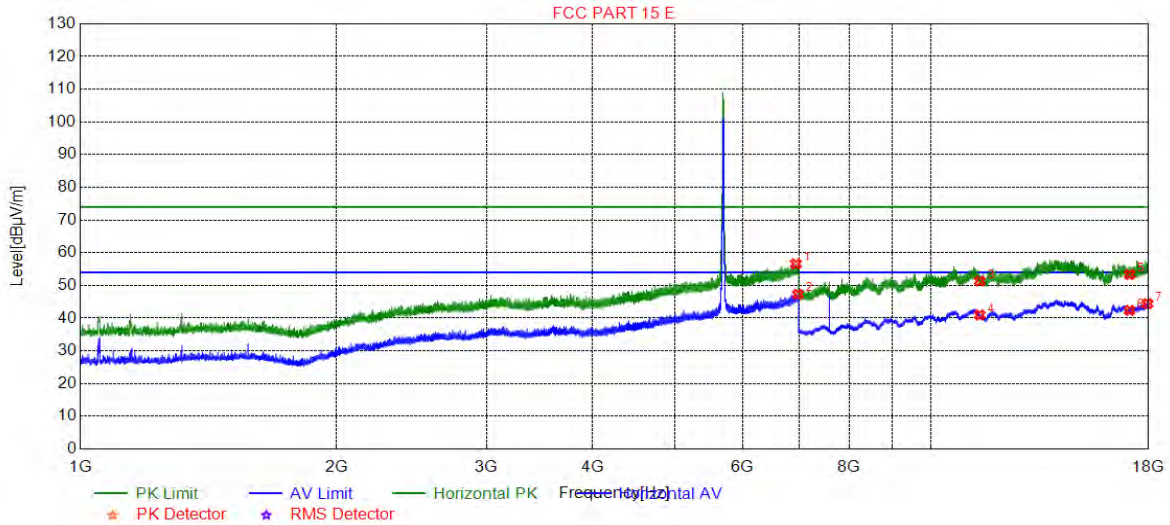


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**4.9.1.17 802.11A\_Channel 140**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6931.59	56.60	21.09	74.00	17.40	150	243	Horizontal
2	6969.99	47.30	21.26	54.00	6.70	150	192	Horizontal
3	11400.0	51.34	-2.15	74.00	22.66	150	18	Horizontal
4	11400.0	40.98	-2.15	54.00	13.02	150	360	Horizontal
5	17100.0	53.35	-2.96	74.00	20.65	150	360	Horizontal
6	17100.0	42.39	-2.96	54.00	11.61	150	119	Horizontal
7	17949.3	44.43	-1.30	54.00	9.57	150	69	Horizontal

**Final Data List**



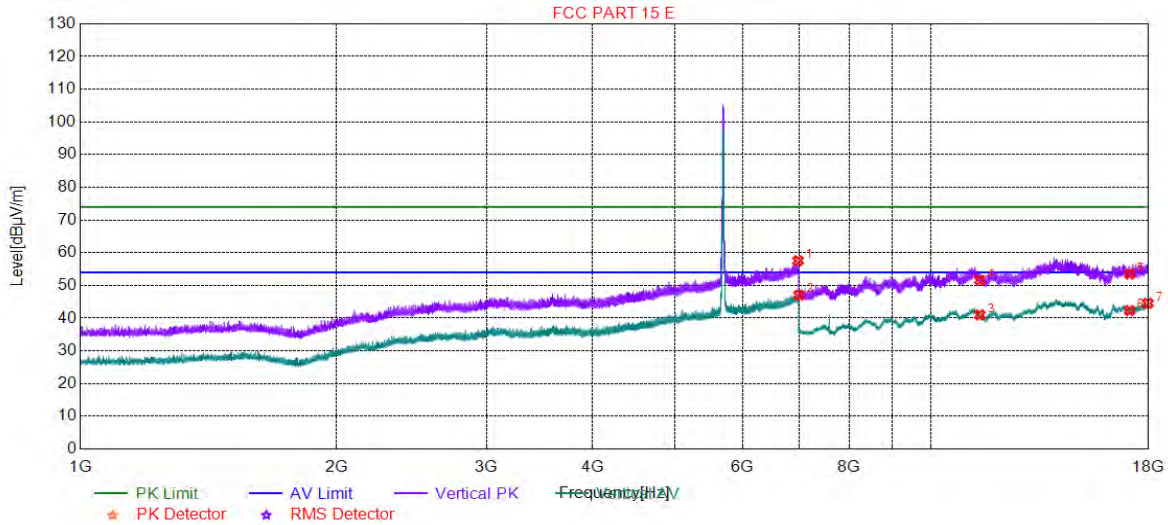
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**4.9.1.18 802.11A\_Channel 140**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6972.99	57.60	21.26	74.00	16.40	150	18	Vertical
2	6989.79	47.08	21.27	54.00	6.92	150	168	Vertical
3	11400.0	40.99	-2.15	54.00	13.01	150	92	Vertical
4	11400.0	51.64	-2.15	74.00	22.36	150	342	Vertical
5	17100.0	53.47	-2.96	74.00	20.53	150	42	Vertical
6	17100.0	42.33	-2.96	54.00	11.67	150	342	Vertical
7	17964.7	44.55	-1.29	54.00	9.45	150	142	Vertical

**Final Data List**



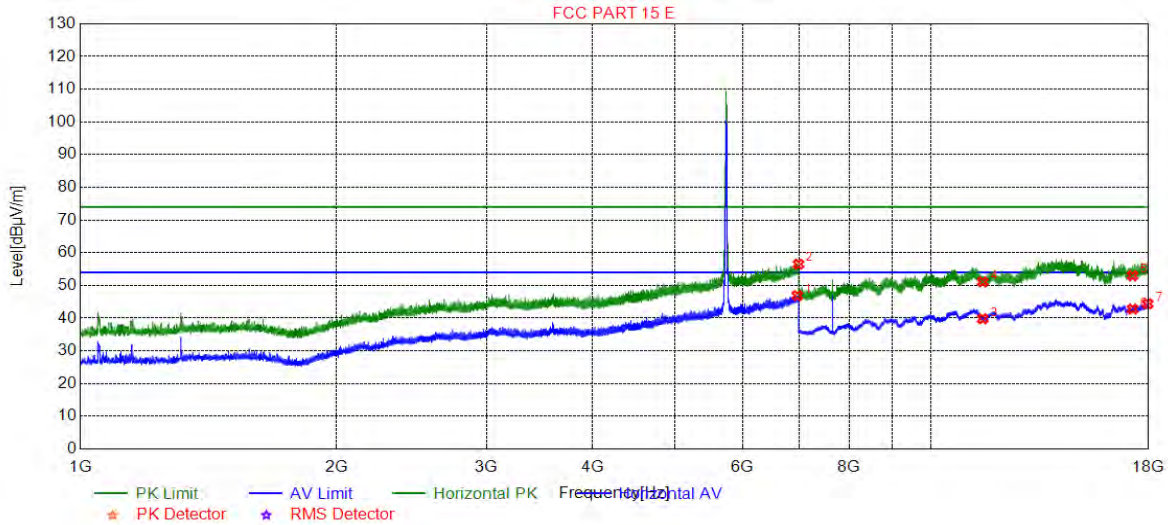
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**4.9.1.19 802.11A\_Channel 149**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6957.69	46.91	21.26	54.00	7.09	150	91	Horizontal
2	6979.89	56.52	21.26	74.00	17.48	150	191	Horizontal
3	11490.0	39.82	-2.03	54.00	14.18	150	318	Horizontal
4	11490.0	51.11	-2.03	74.00	22.89	150	318	Horizontal
5	17235.0	52.99	-2.67	74.00	21.01	150	118	Horizontal
6	17235.0	42.80	-2.67	54.00	11.20	150	18	Horizontal
7	17958.1	44.40	-1.29	54.00	9.60	150	360	Horizontal

**Final Data List**



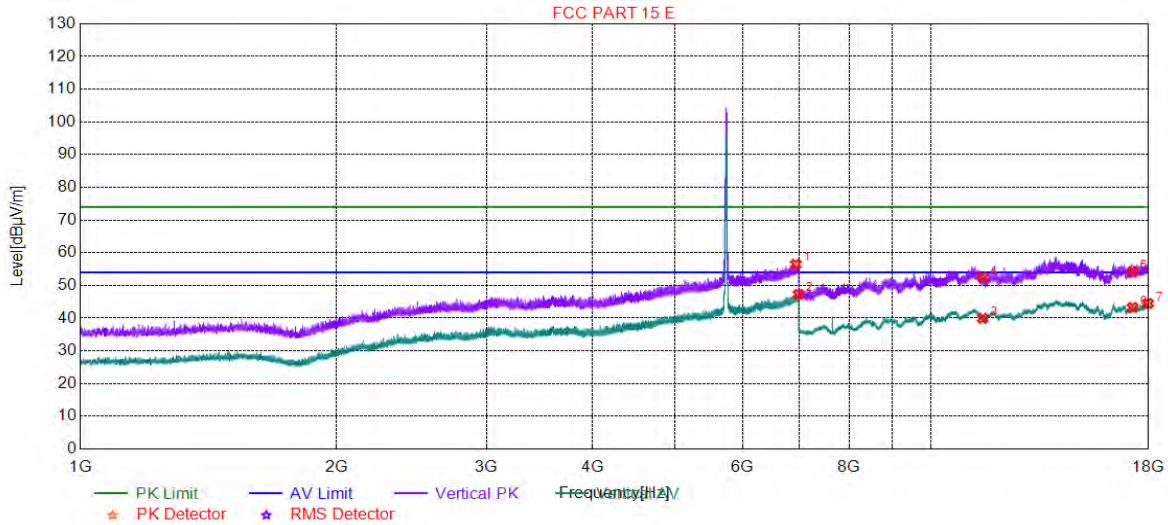
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**4.9.1.20 802.11A\_Channel 149**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6930.09	56.49	21.08	74.00	17.51	150	269	Vertical
2	6980.79	47.27	21.26	54.00	6.73	150	360	Vertical
3	11490.0	39.97	-2.03	54.00	14.03	150	91	Vertical
4	11490.0	52.49	-2.03	74.00	21.51	150	292	Vertical
5	17235.0	54.29	-2.67	74.00	19.71	150	91	Vertical
6	17235.0	43.28	-2.67	54.00	10.72	150	192	Vertical
7	17972.4	44.52	-1.29	54.00	9.48	150	192	Vertical

**Final Data List**



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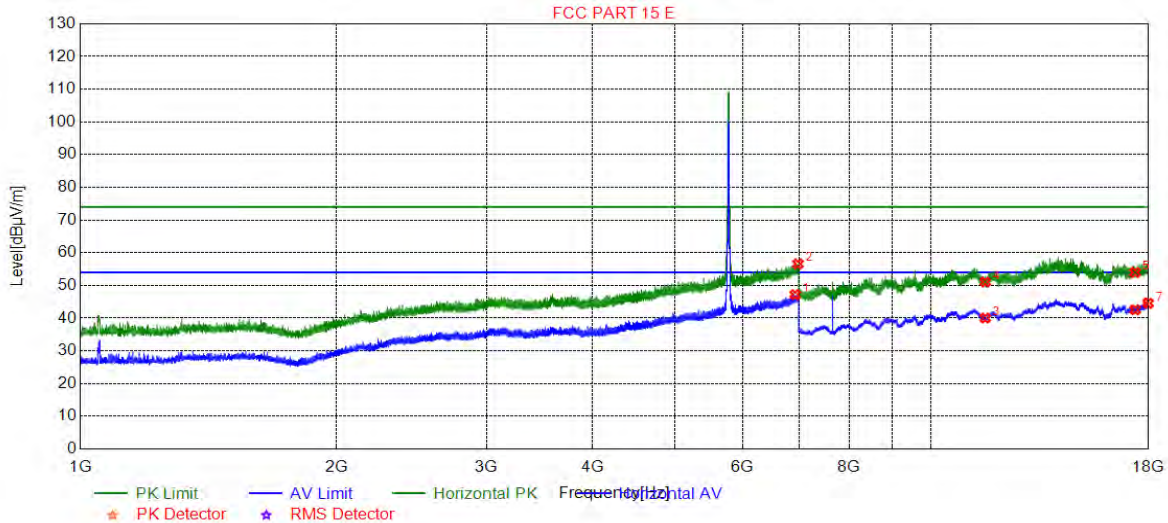
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**4.9.1.21 802.11A\_Channel 157**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6916.29	47.20	20.96	54.00	6.80	150	243	Horizontal
2	6971.49	56.59	21.26	74.00	17.41	150	141	Horizontal
3	11570.0	40.04	-2.39	54.00	13.96	150	18	Horizontal
4	11570.0	51.07	-2.39	74.00	22.93	150	269	Horizontal
5	17355.0	53.99	-1.94	74.00	20.01	150	118	Horizontal
6	17355.0	42.59	-1.94	54.00	11.41	150	68	Horizontal
7	17974.1	44.55	-1.29	54.00	9.45	150	118	Horizontal

**Final Data List**



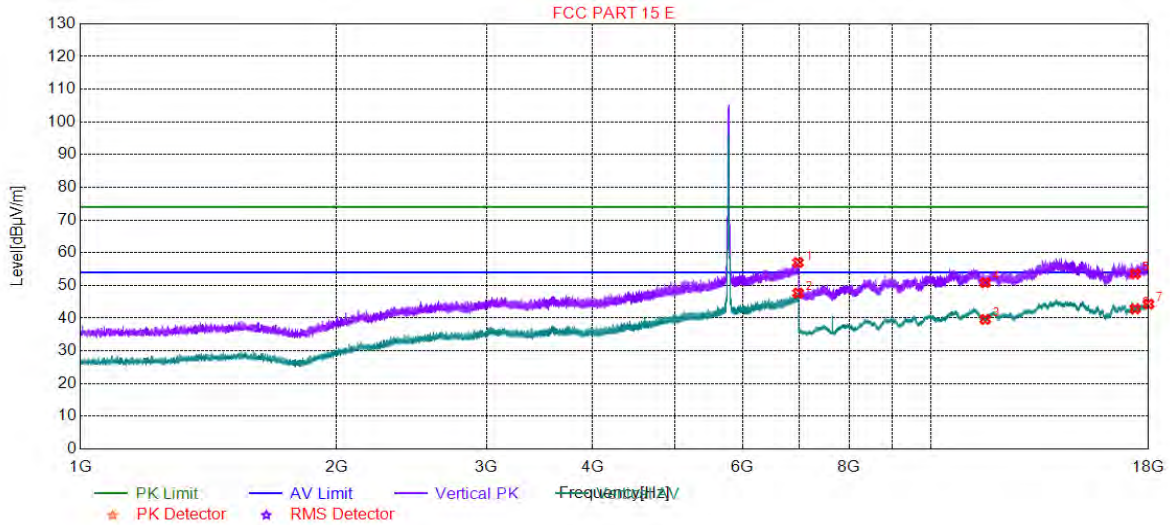
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**4.9.1.22 802.11A\_Channel 157**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6970.59	57.02	21.26	74.00	16.98	150	360	Vertical
2	6973.29	47.66	21.26	54.00	6.34	150	18	Vertical
3	11570.0	39.63	-2.39	54.00	14.37	150	342	Vertical
4	11570.0	50.84	-2.39	74.00	23.16	150	141	Vertical
5	17355.0	53.52	-1.94	74.00	20.48	150	242	Vertical
6	17355.0	42.86	-1.94	54.00	11.14	150	42	Vertical
7	17998.8	44.33	-1.28	54.00	9.67	150	192	Vertical

**Final Data List**



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No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn  
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com