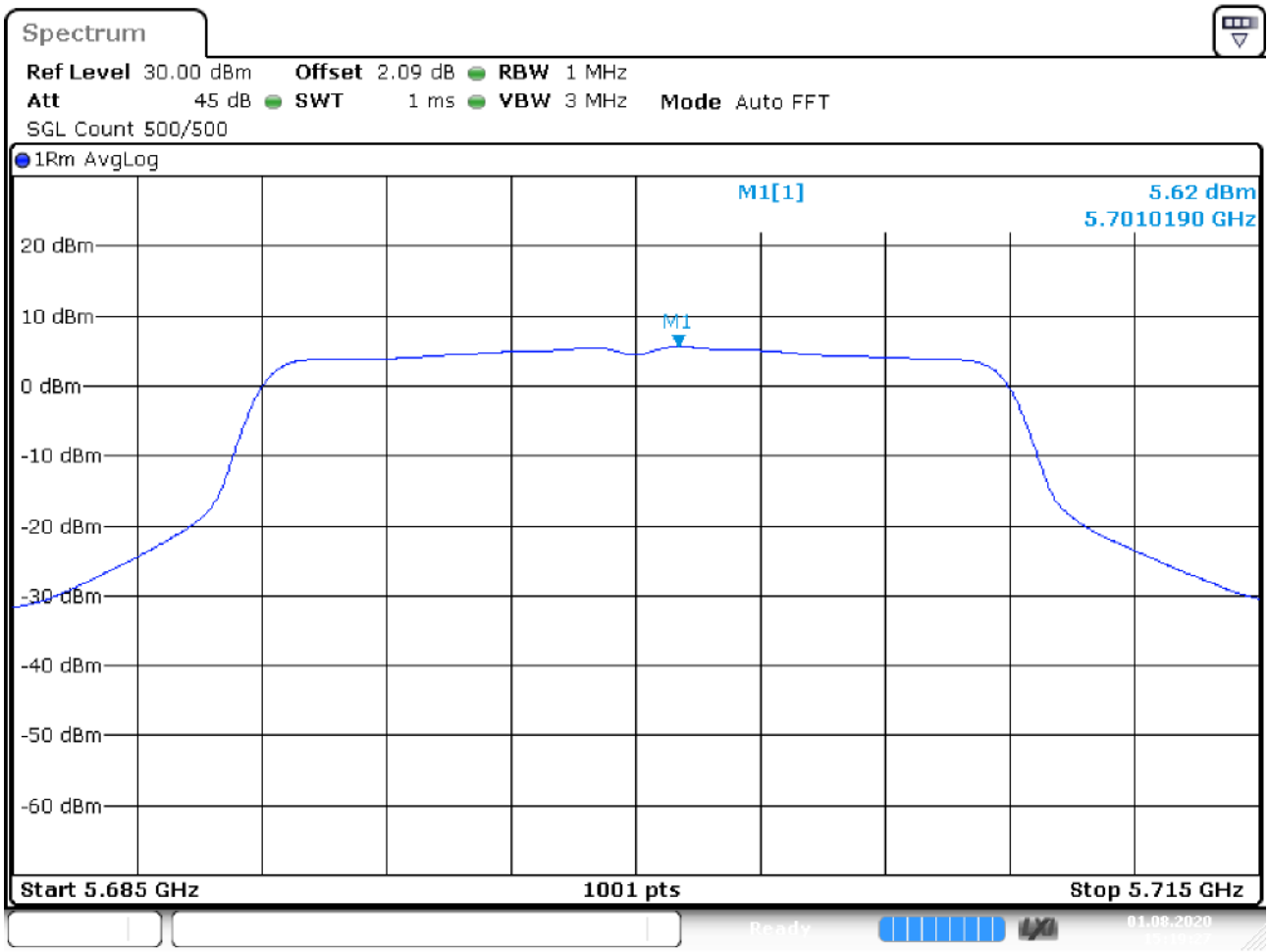
4.8.2.35 11N20MIMO_140 ANT 1



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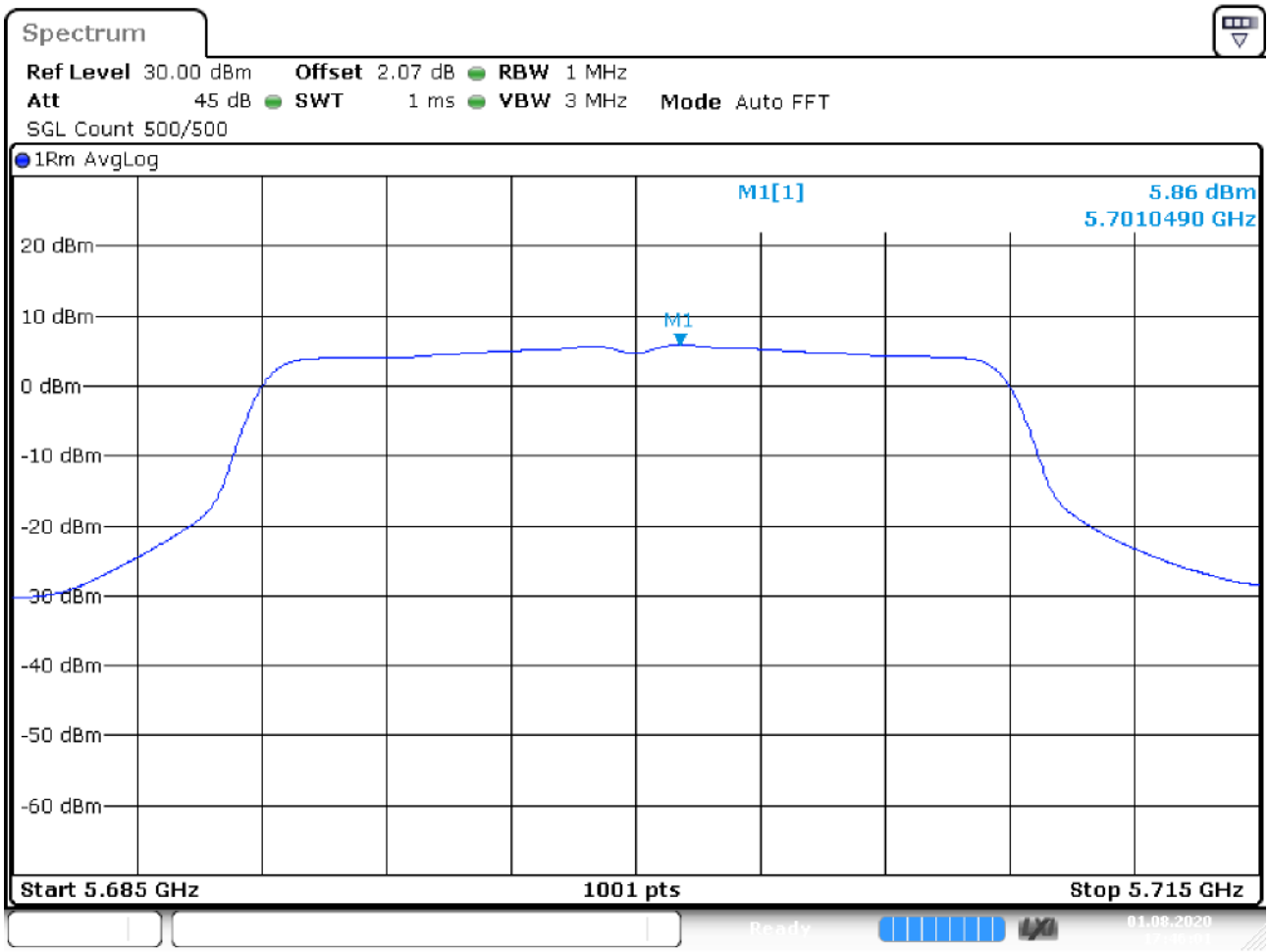
4.8.2.36 11N20MIMO_140 ANT 2



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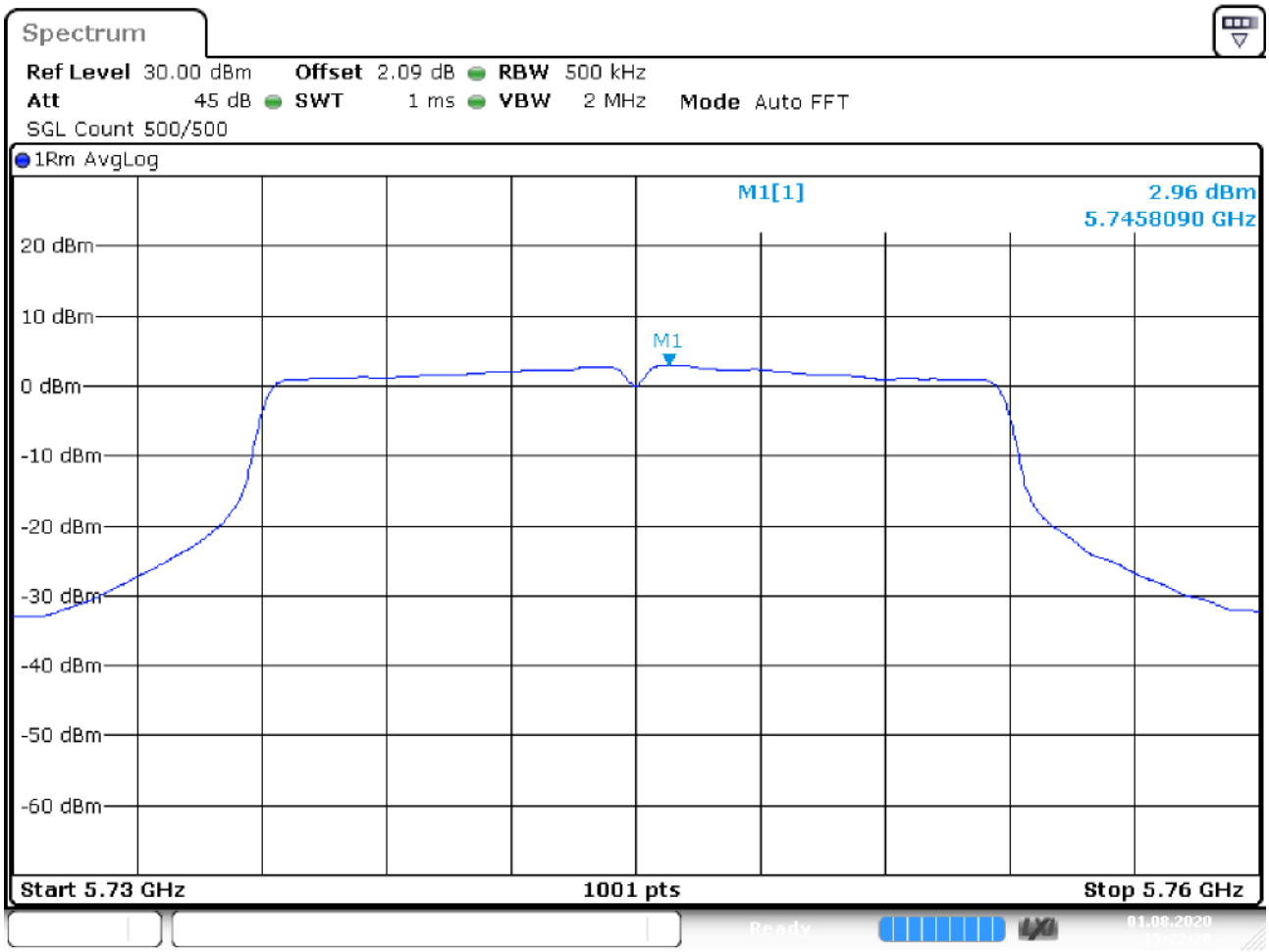
4.8.2.37 11N20MIMO_149 ANT 1



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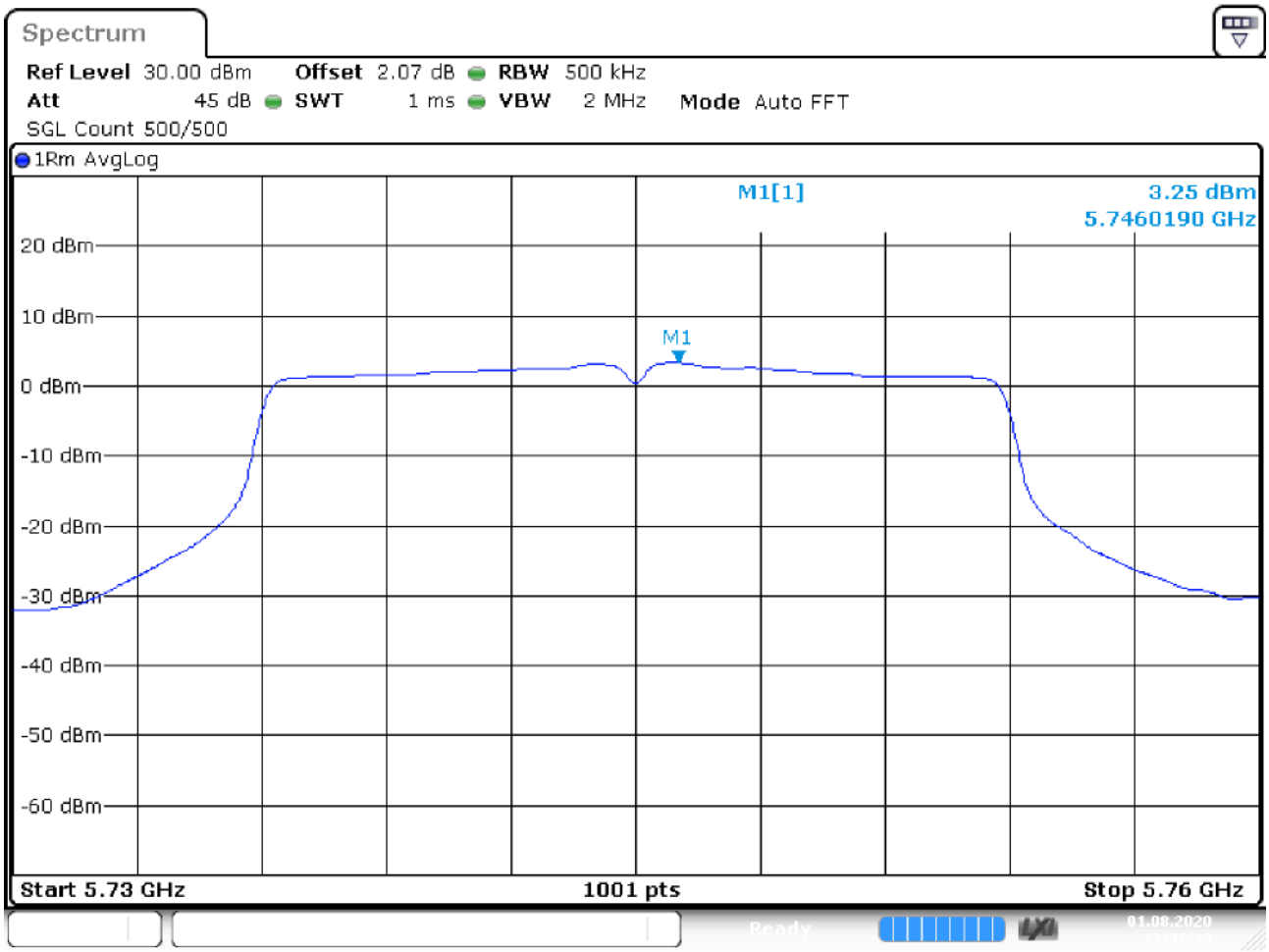
4.8.2.38 11N20MIMO_149 ANT 2



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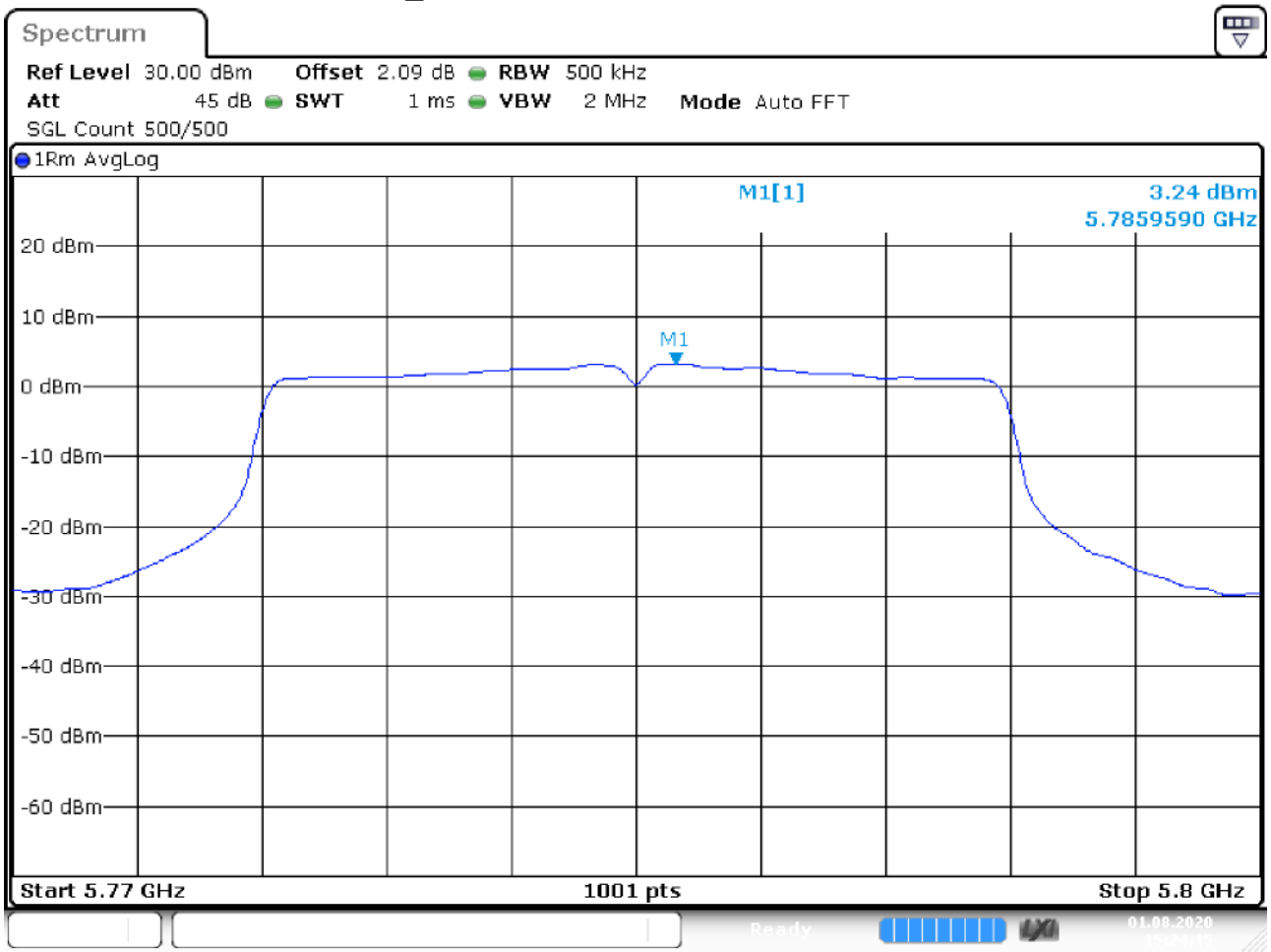
4.8.2.39 11N20MIMO_157 ANT 1



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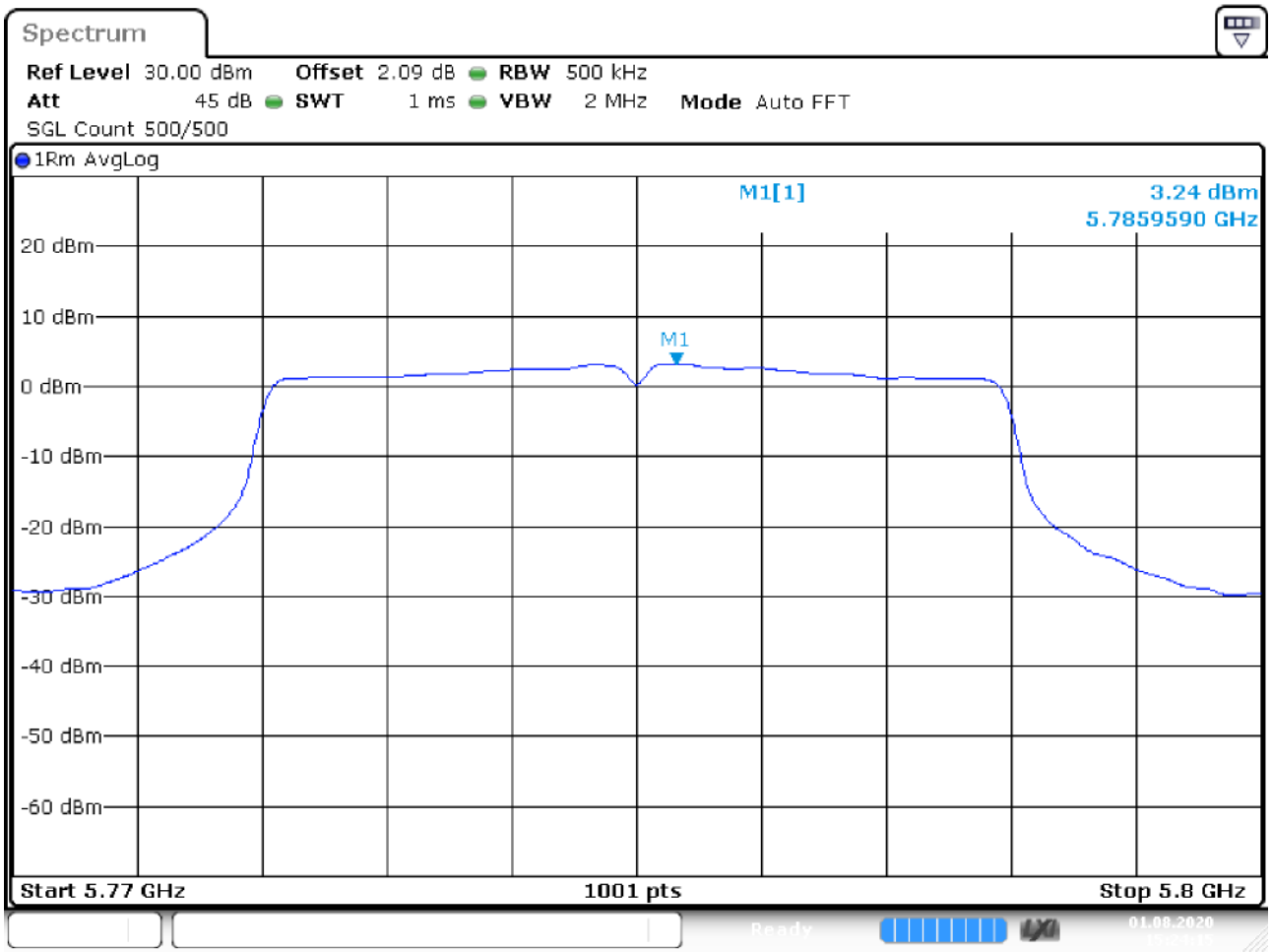
4.8.2.40 11N20MIMO_157 ANT 2



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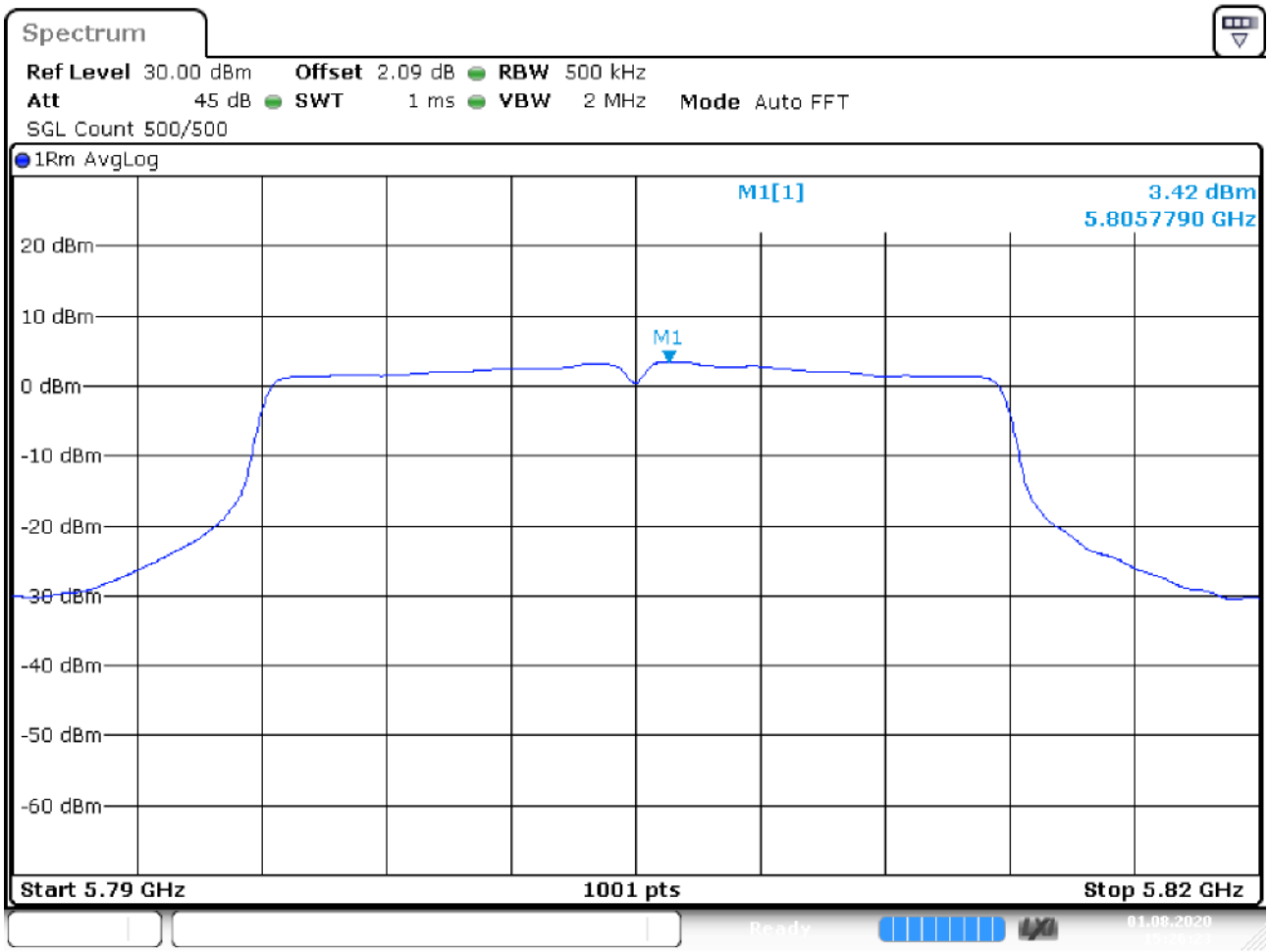
4.8.2.41 11N20MIMO_161 ANT 1



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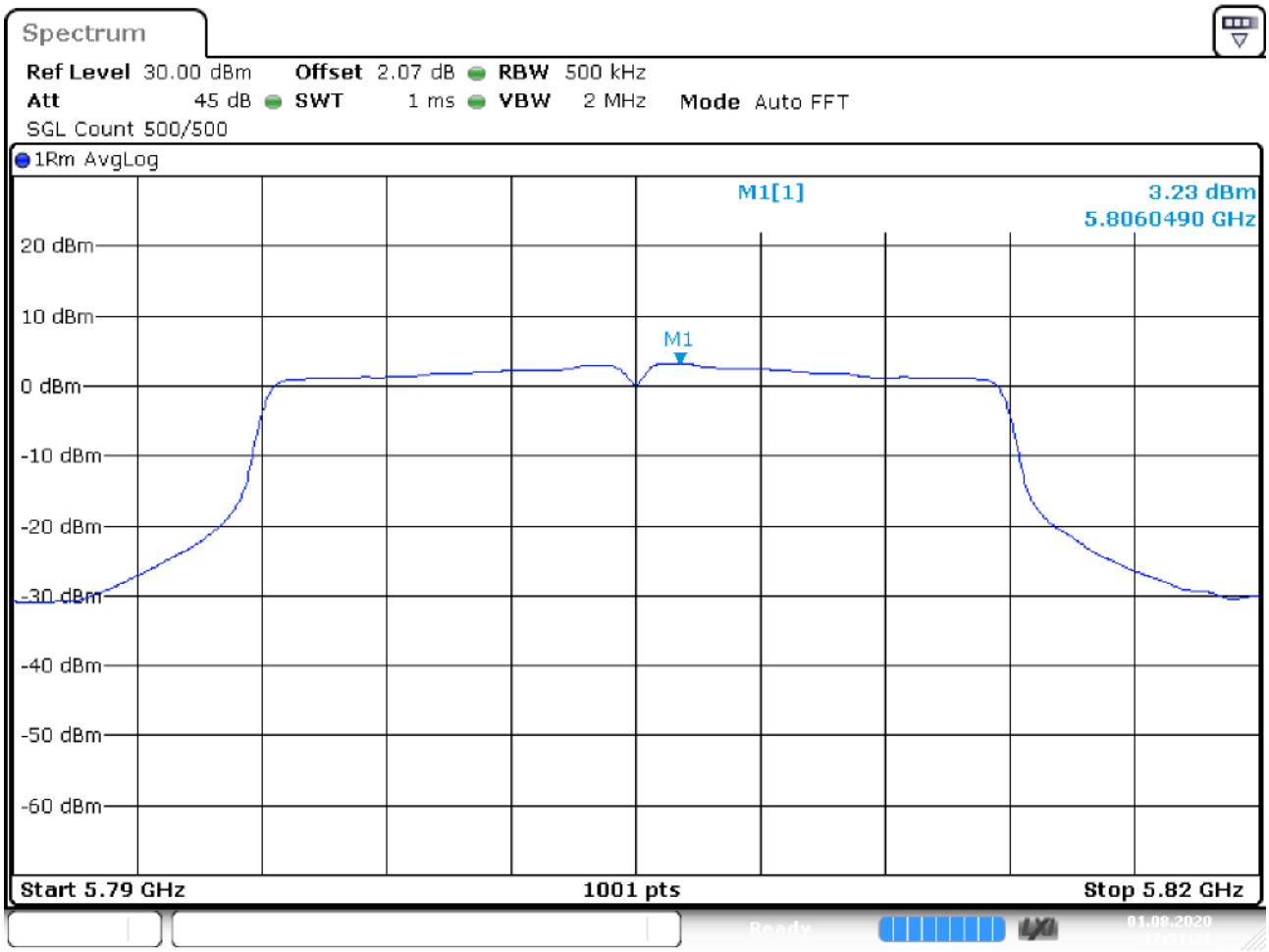
4.8.2.42 11N20MIMO_161 ANT 2



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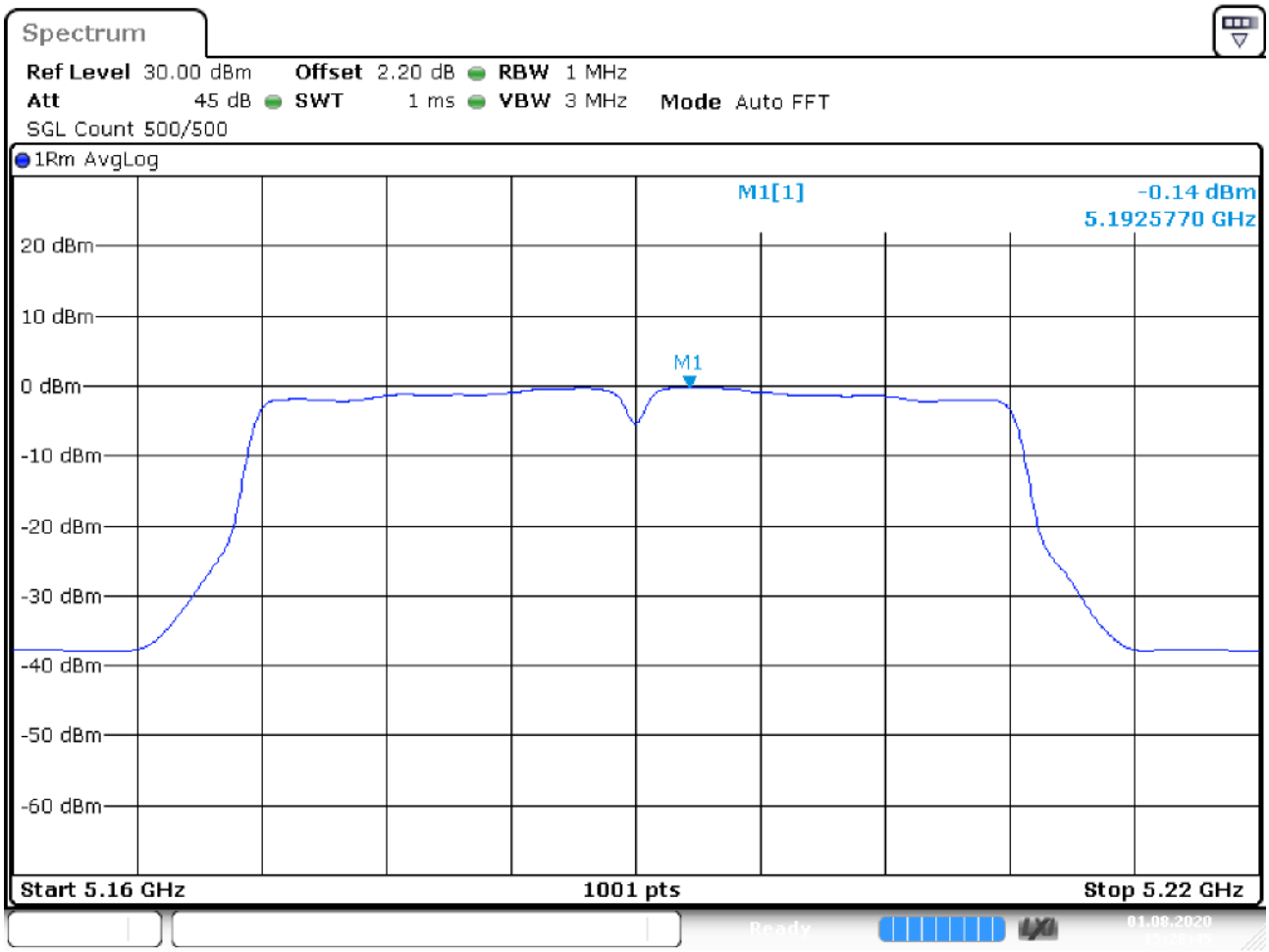
4.8.2.43 11N40MIMO_38 ANT 1



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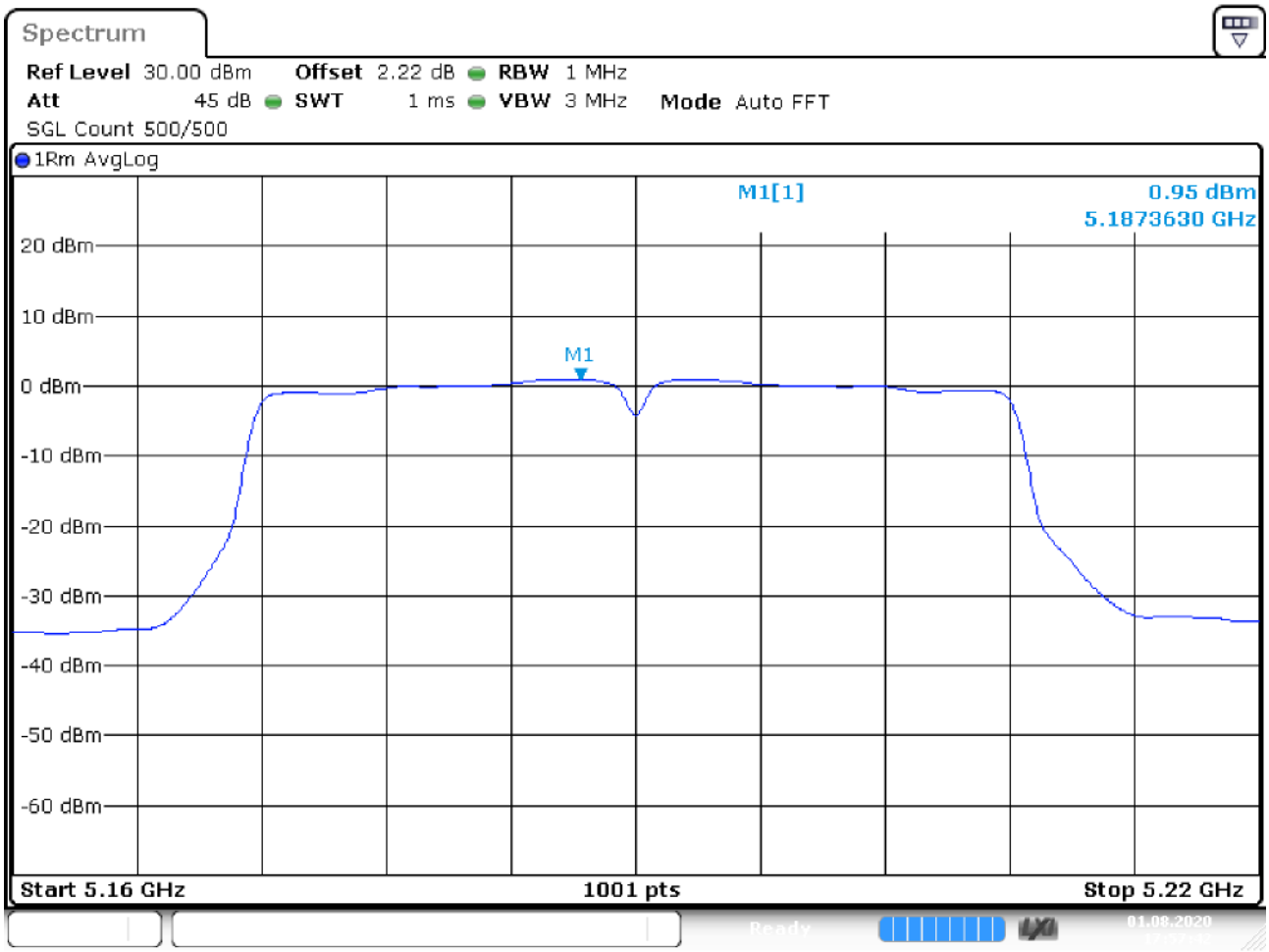
4.8.2.44 11N40MIMO_38 ANT 2



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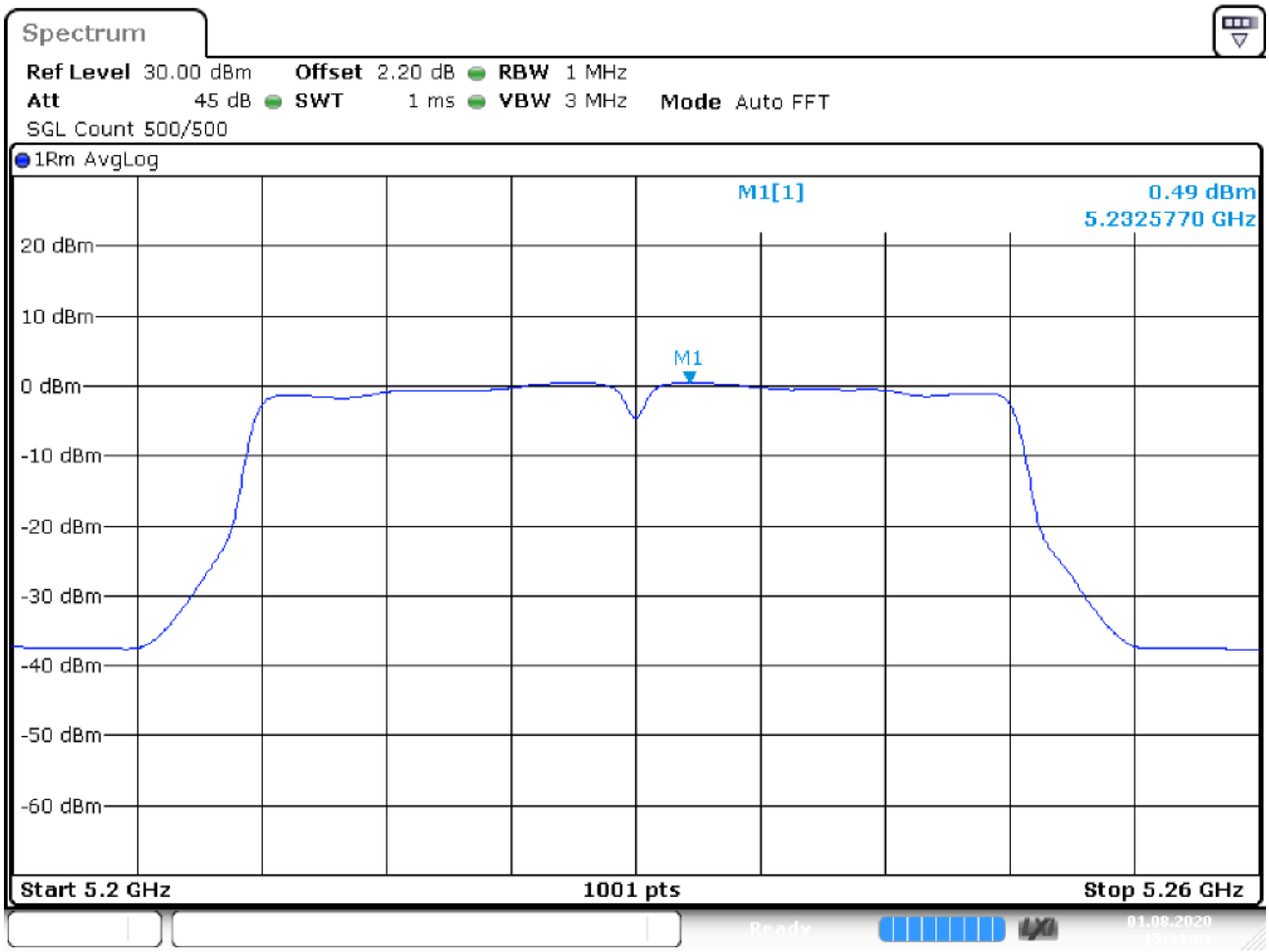
4.8.2.45 11N40MIMO_46 ANT 1



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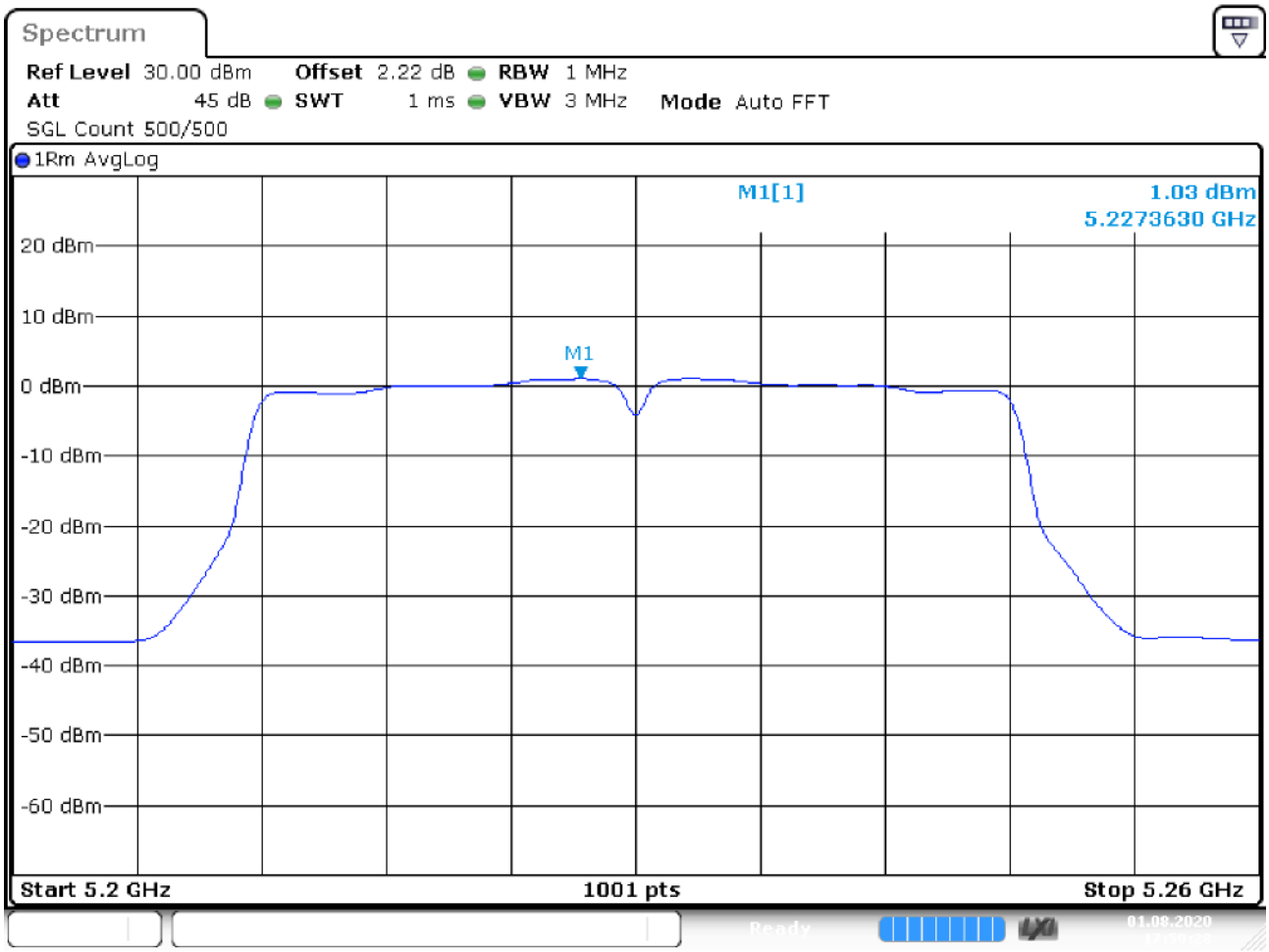
4.8.2.46 11N40MIMO_46 ANT 2



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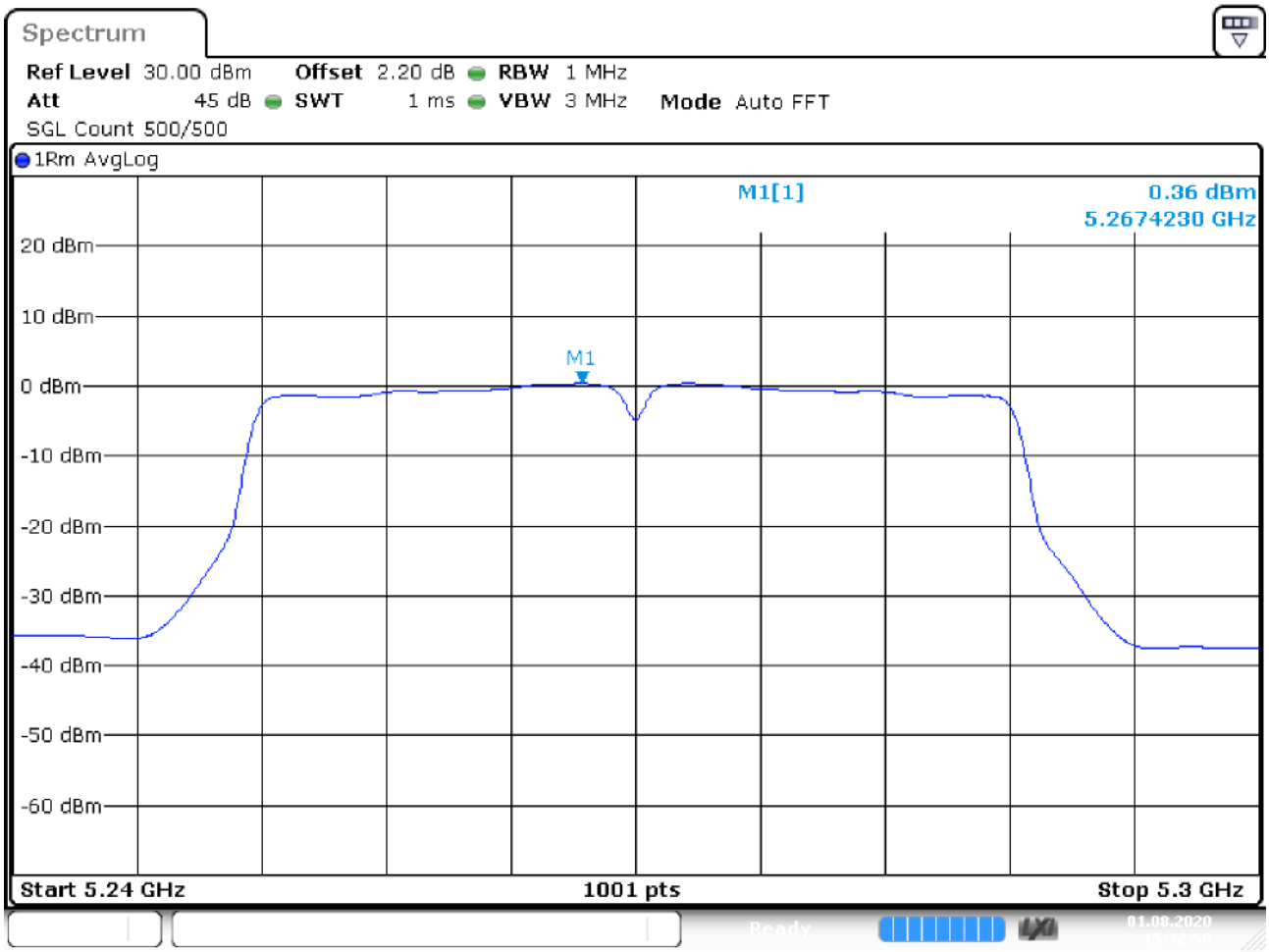
4.8.2.47 11N40MIMO_54 ANT 1



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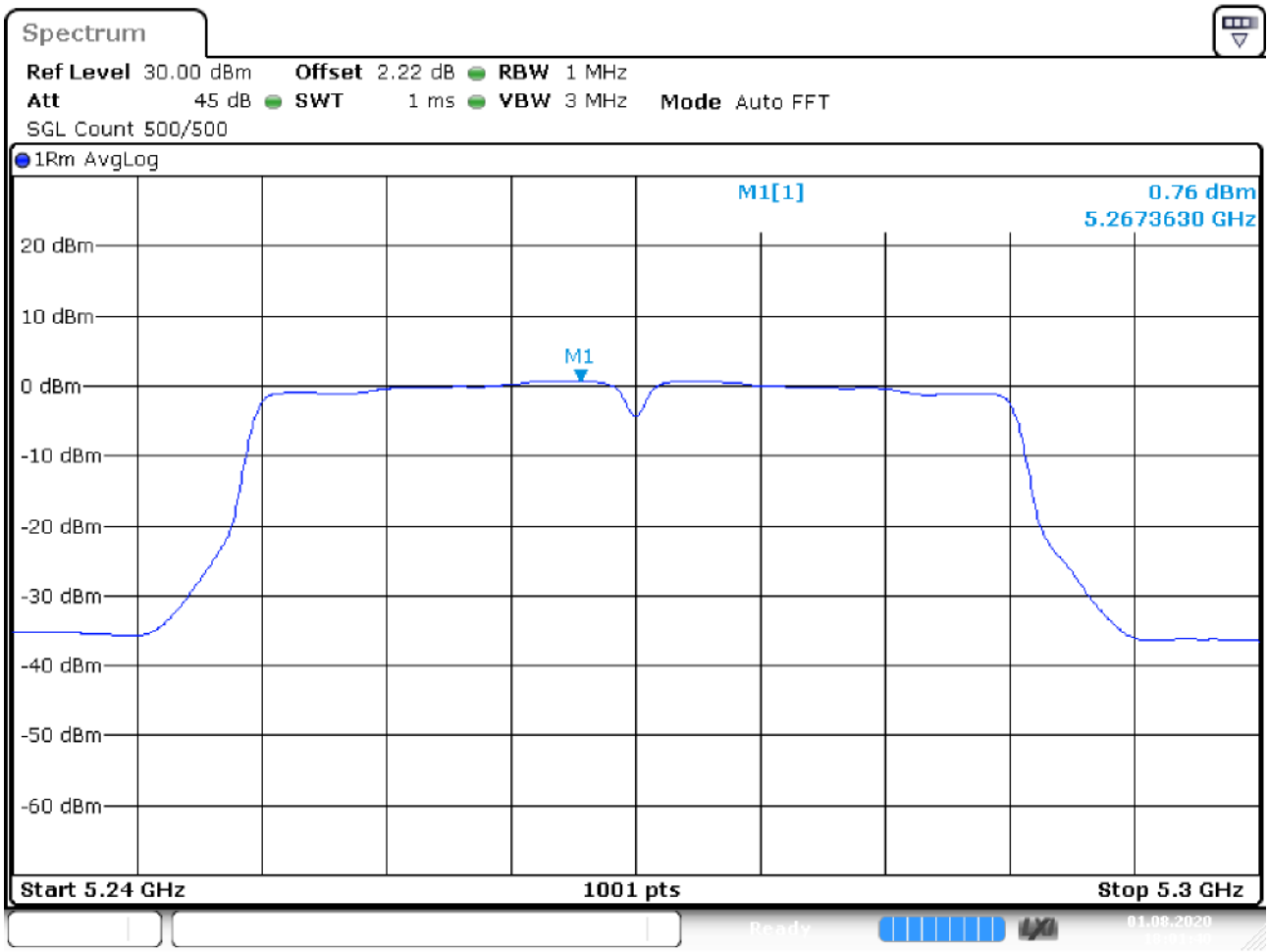
4.8.2.48 11N40MIMO_54 ANT 2



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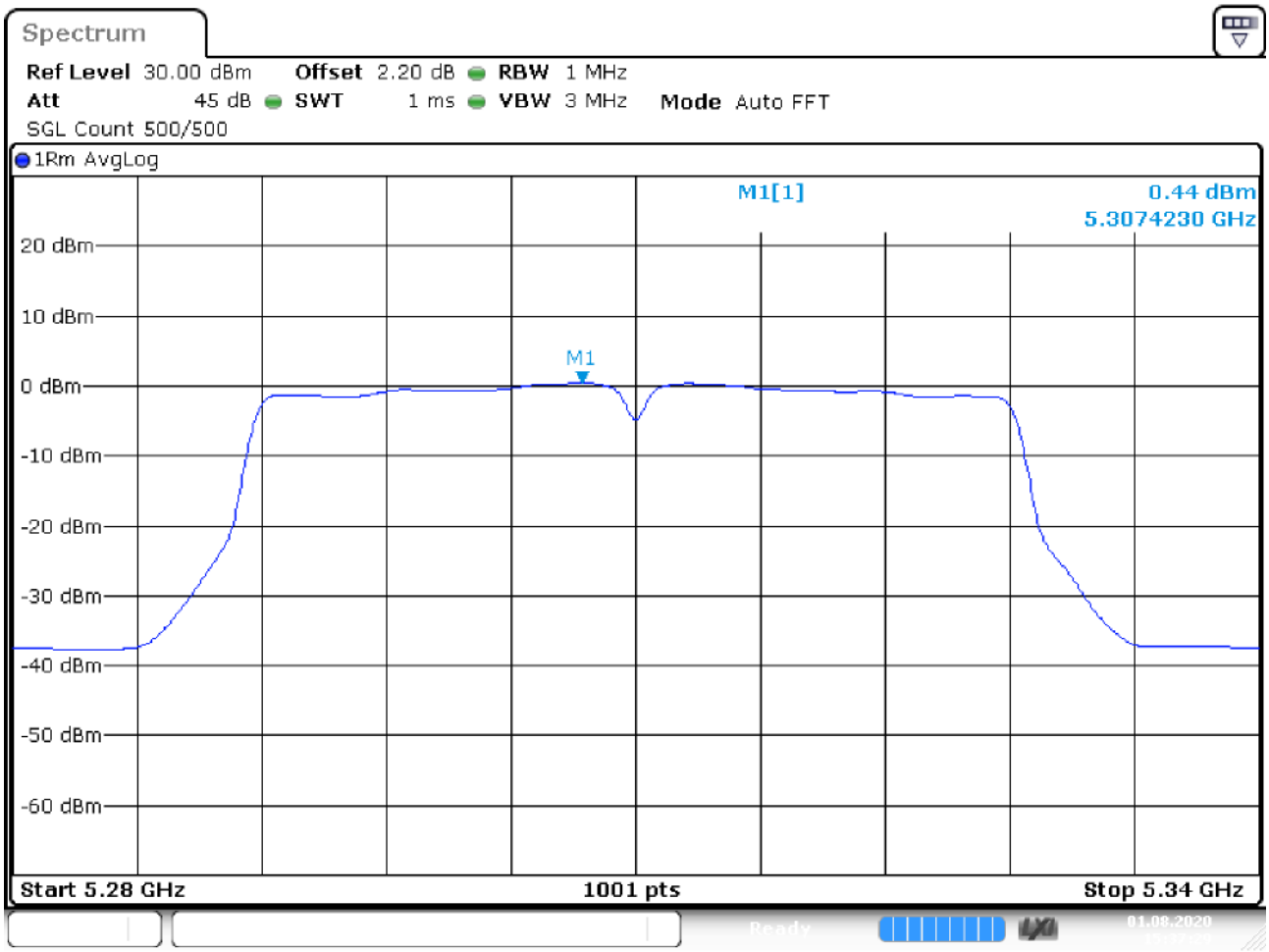
4.8.2.49 11N40MIMO_62 ANT 1



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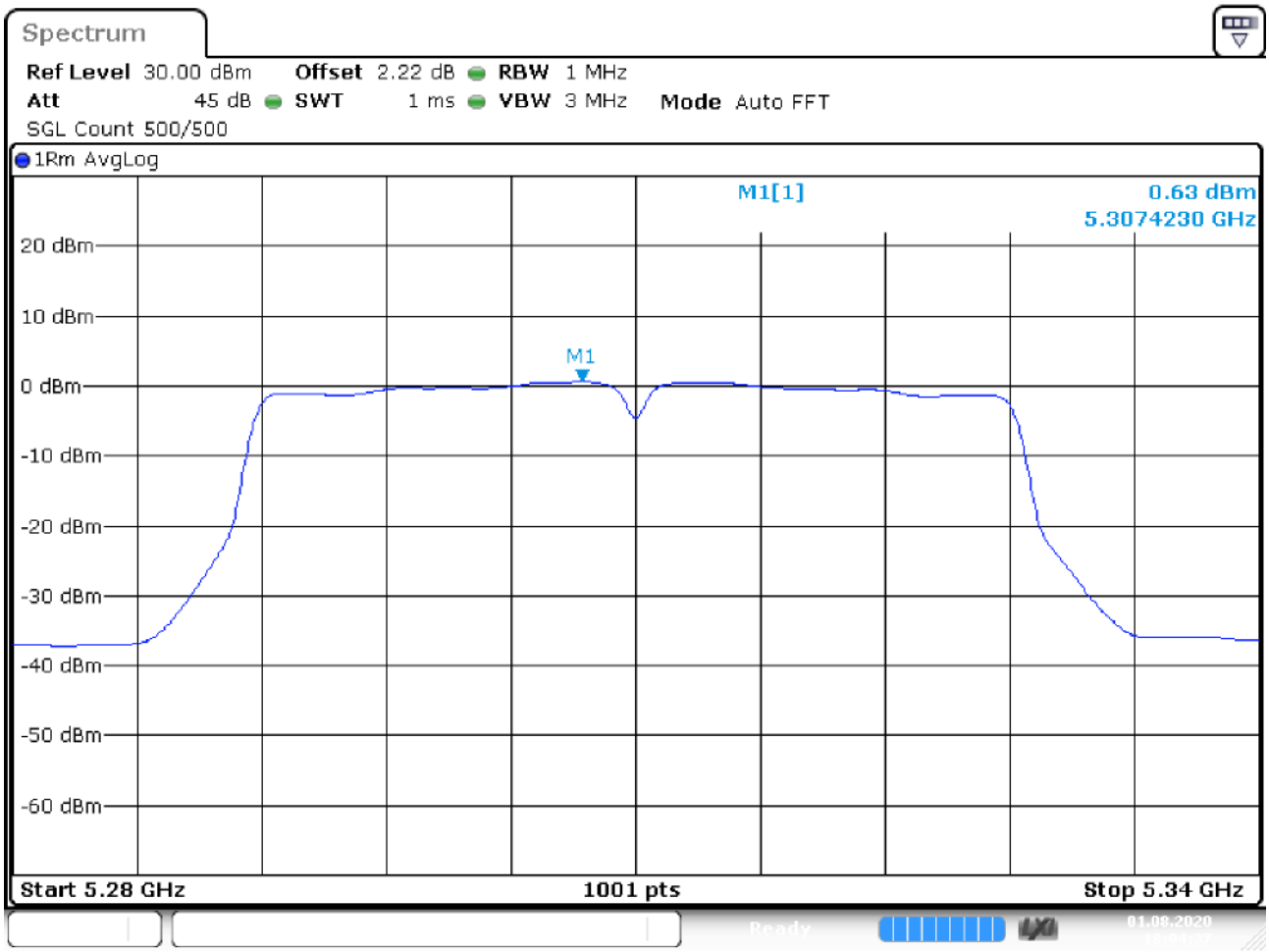
4.8.2.50 11N40MIMO_62 ANT 2



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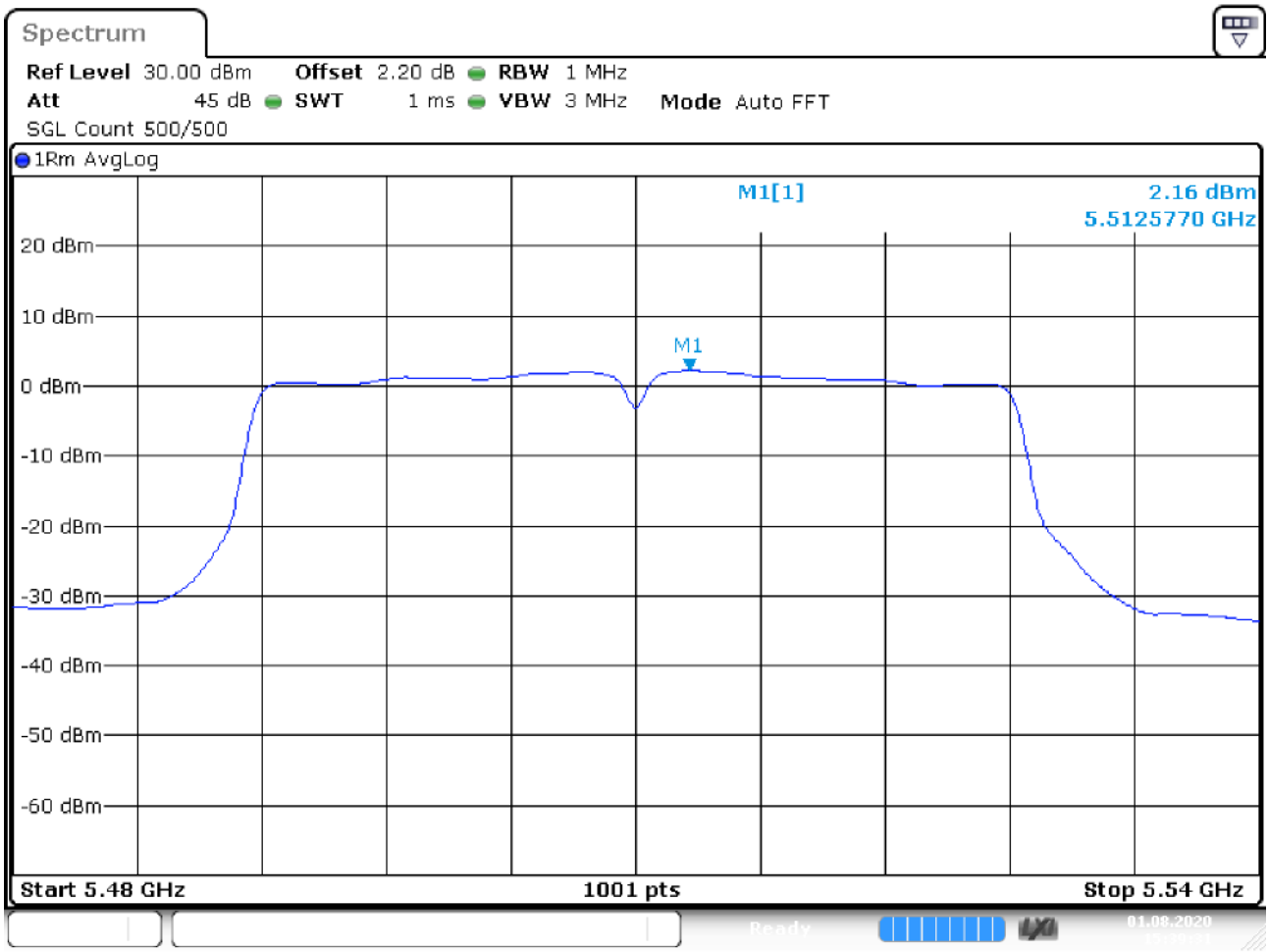
4.8.2.51 11N40MIMO_102 ANT 1



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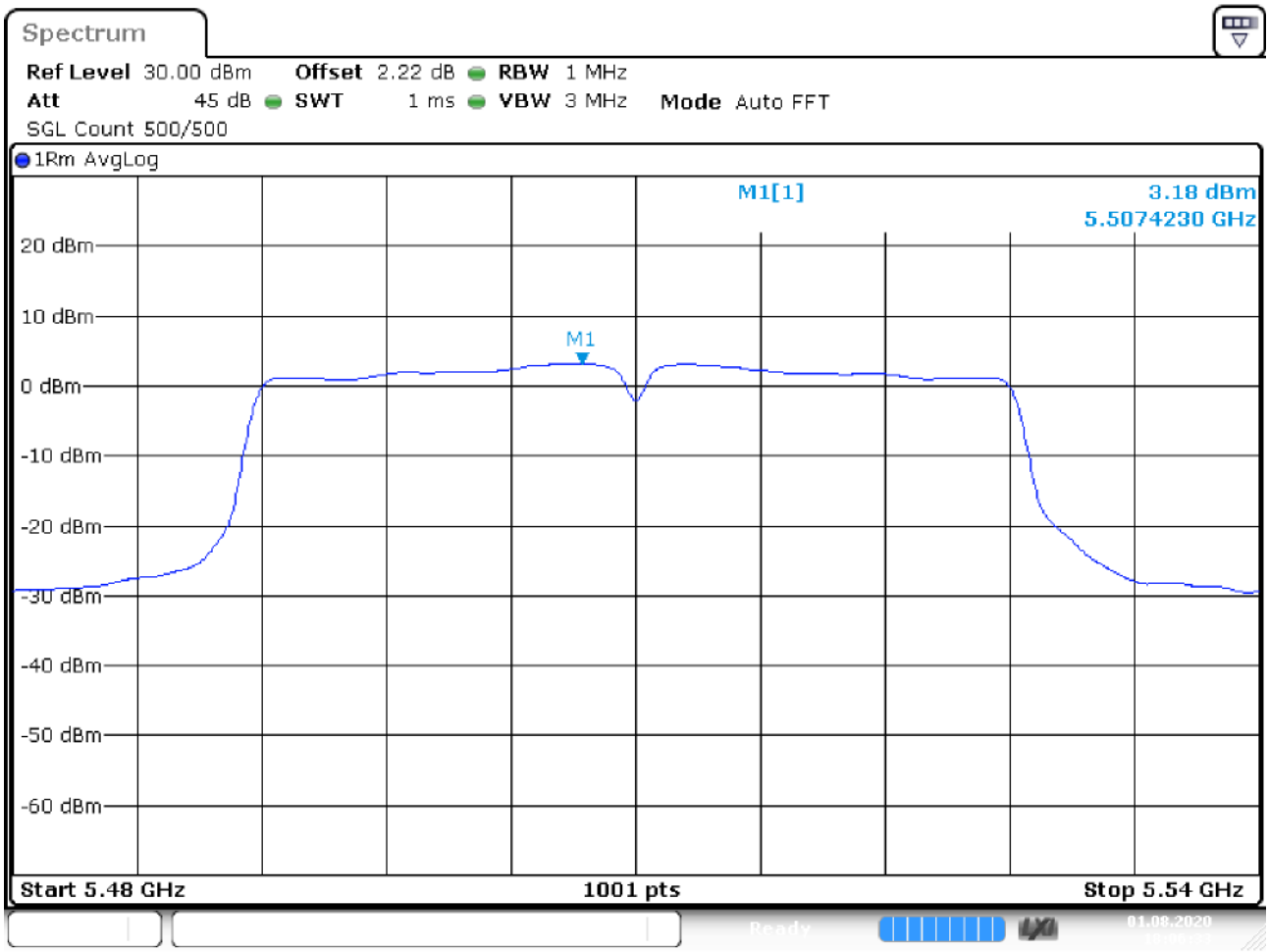
4.8.2.52 11N40MIMO_102 ANT 2



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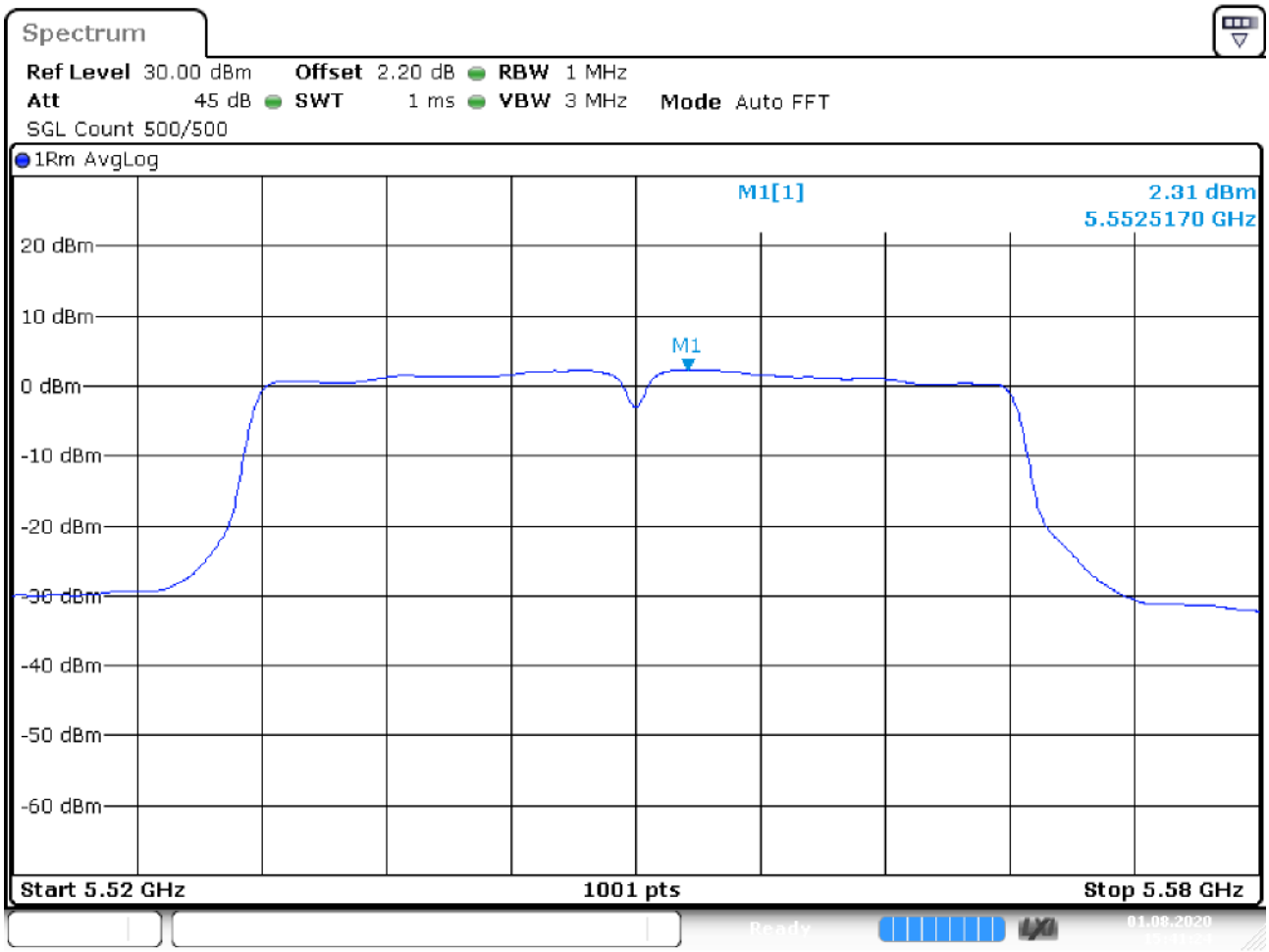
4.8.2.53 11N40MIMO_110 ANT 1



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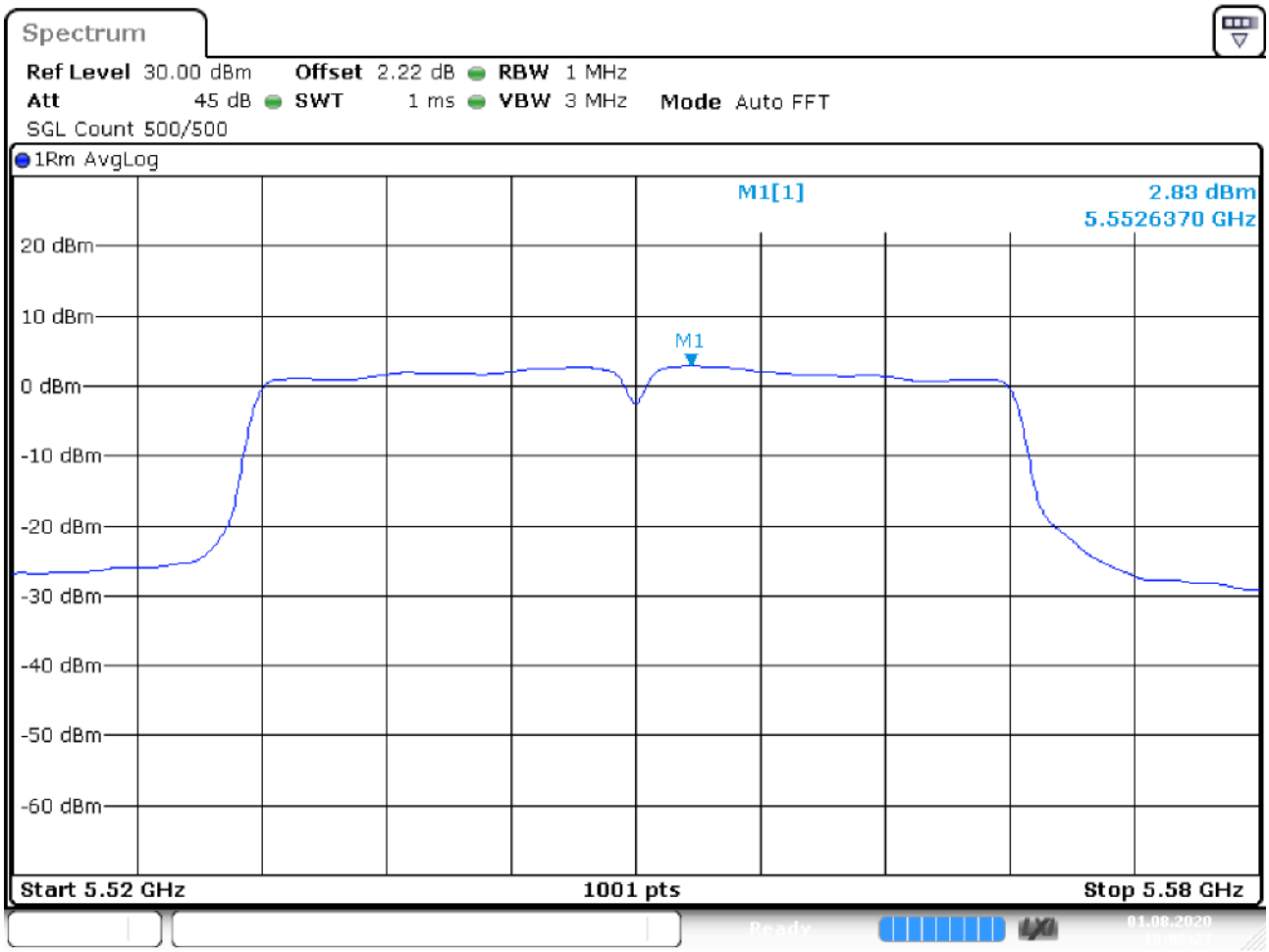
4.8.2.54 11N40MIMO_110 ANT 2



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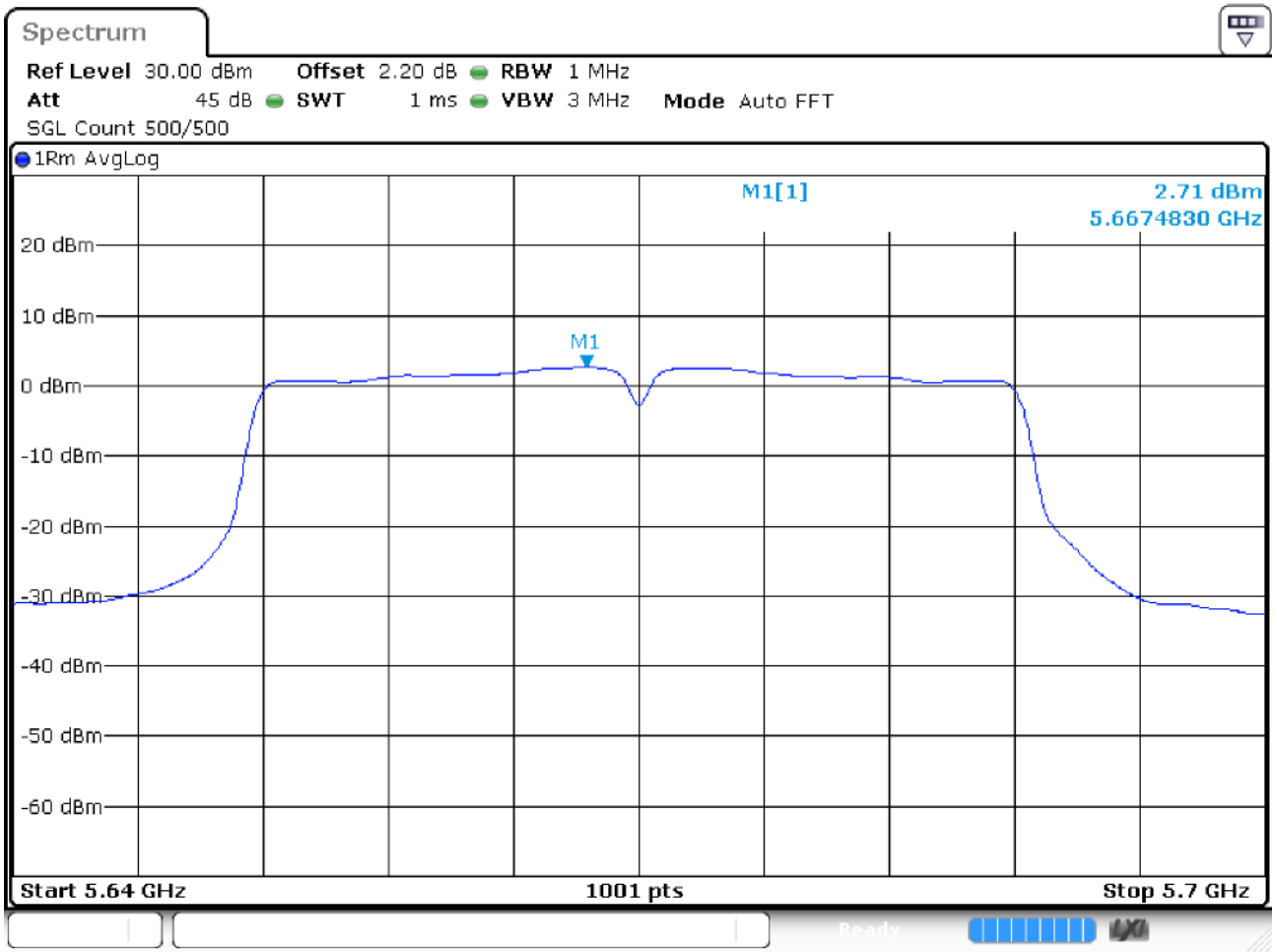
4.8.2.55 11N40MIMO_134 ANT 1



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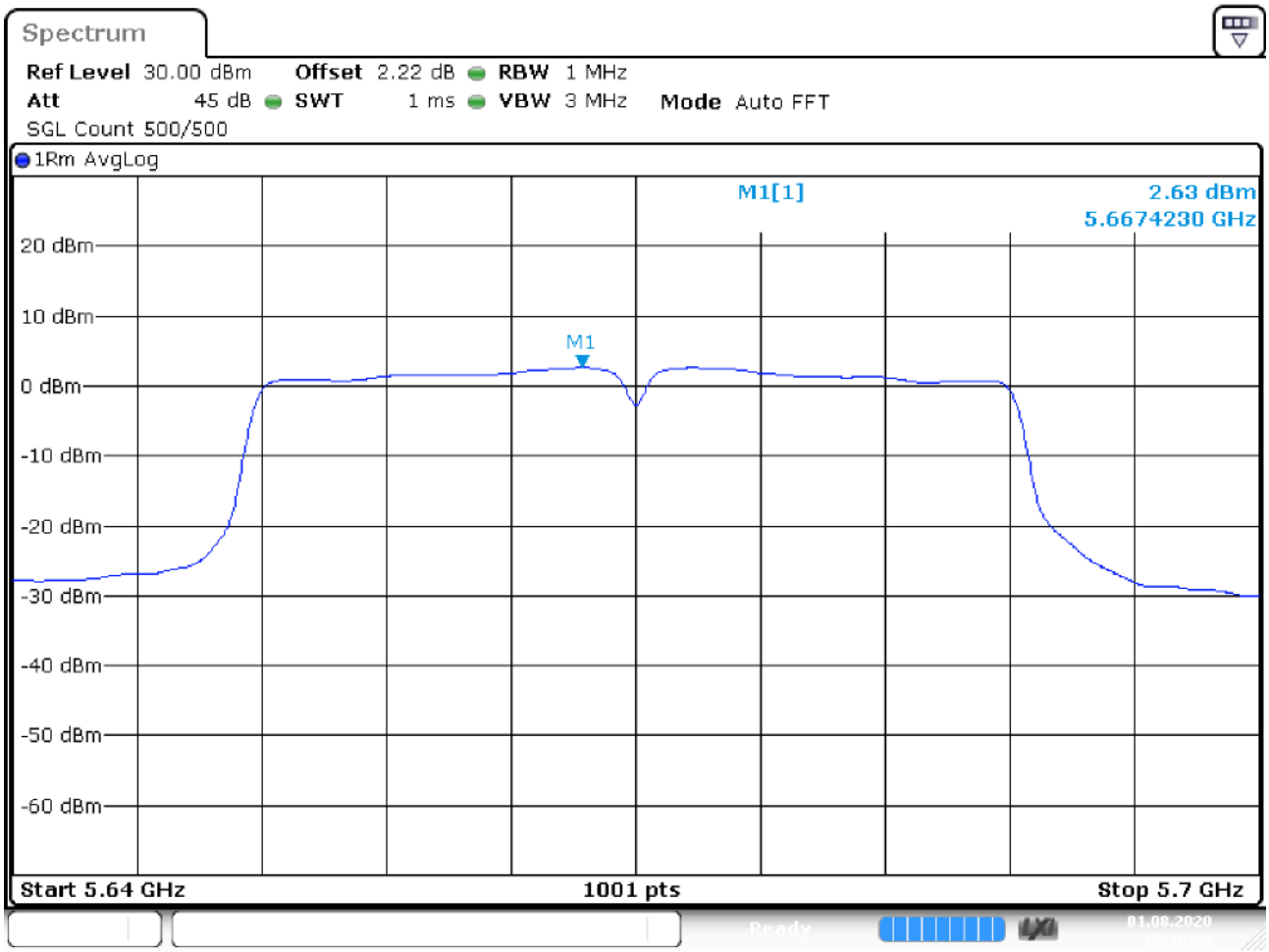
4.8.2.56 11N40MIMO_134 ANT 2



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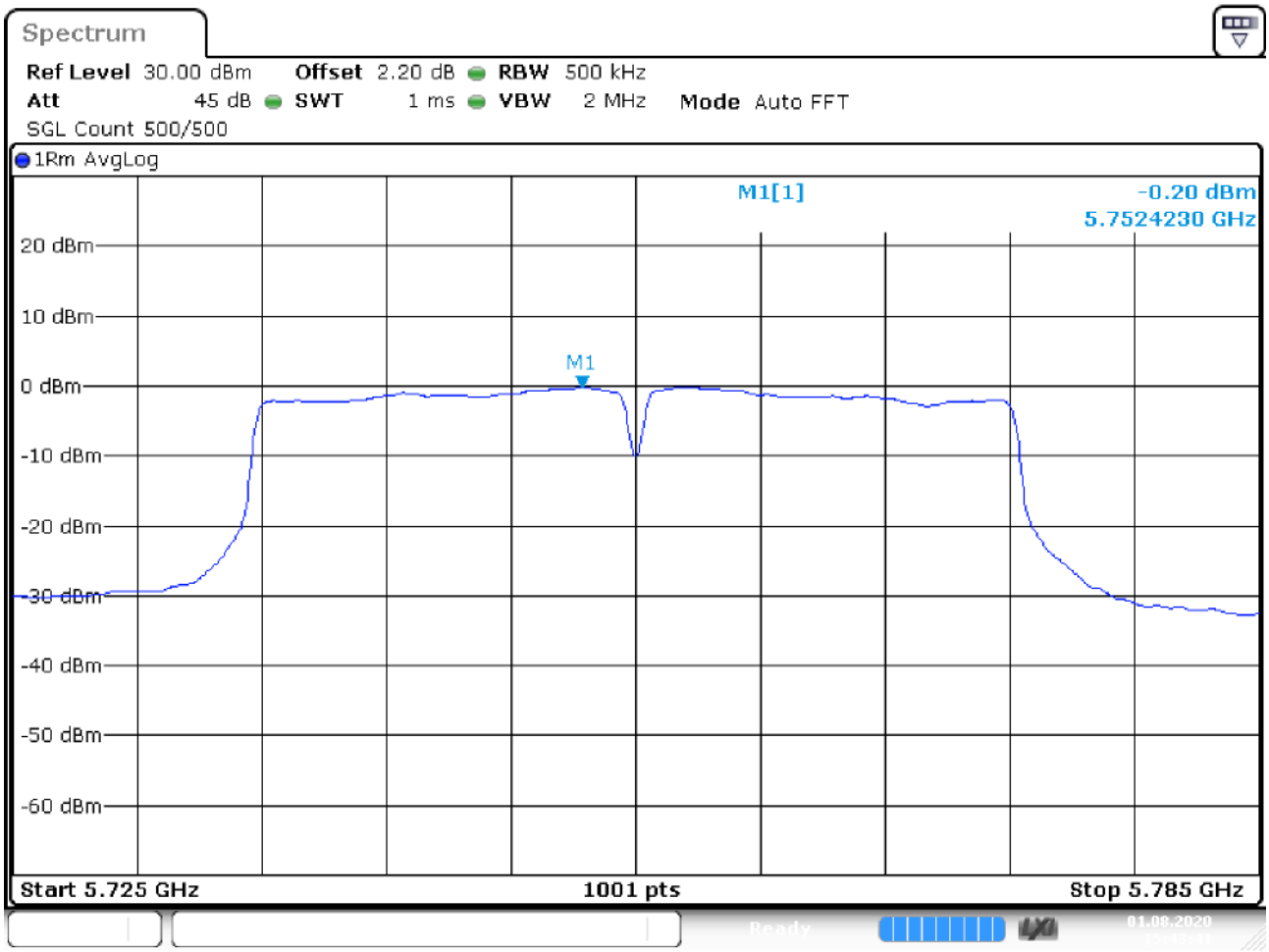
4.8.2.57 11N40MIMO_151 ANT 1



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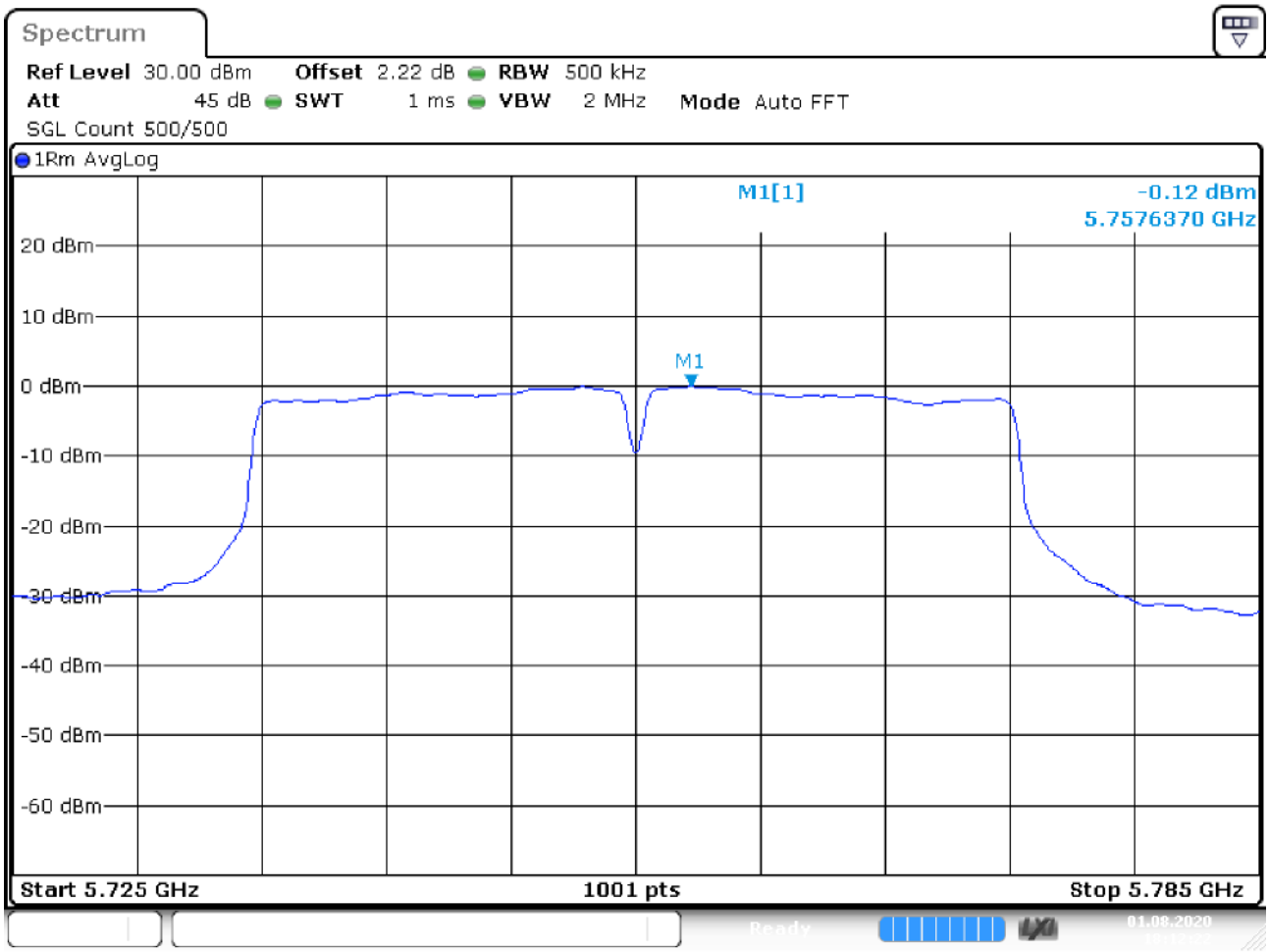
4.8.2.58 11N40MIMO_151 ANT 2



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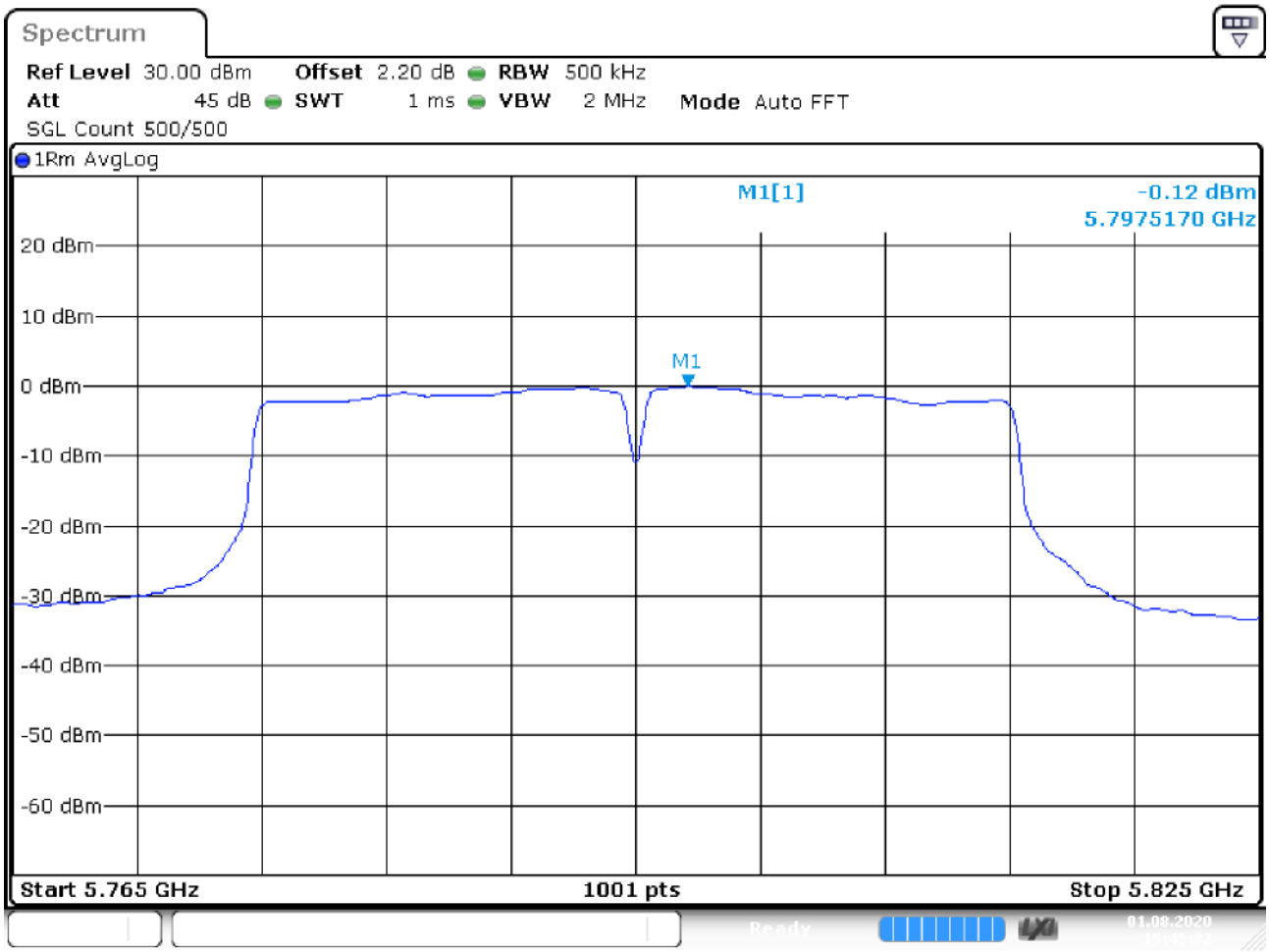
4.8.2.59 11N40MIMO_159 ANT 1



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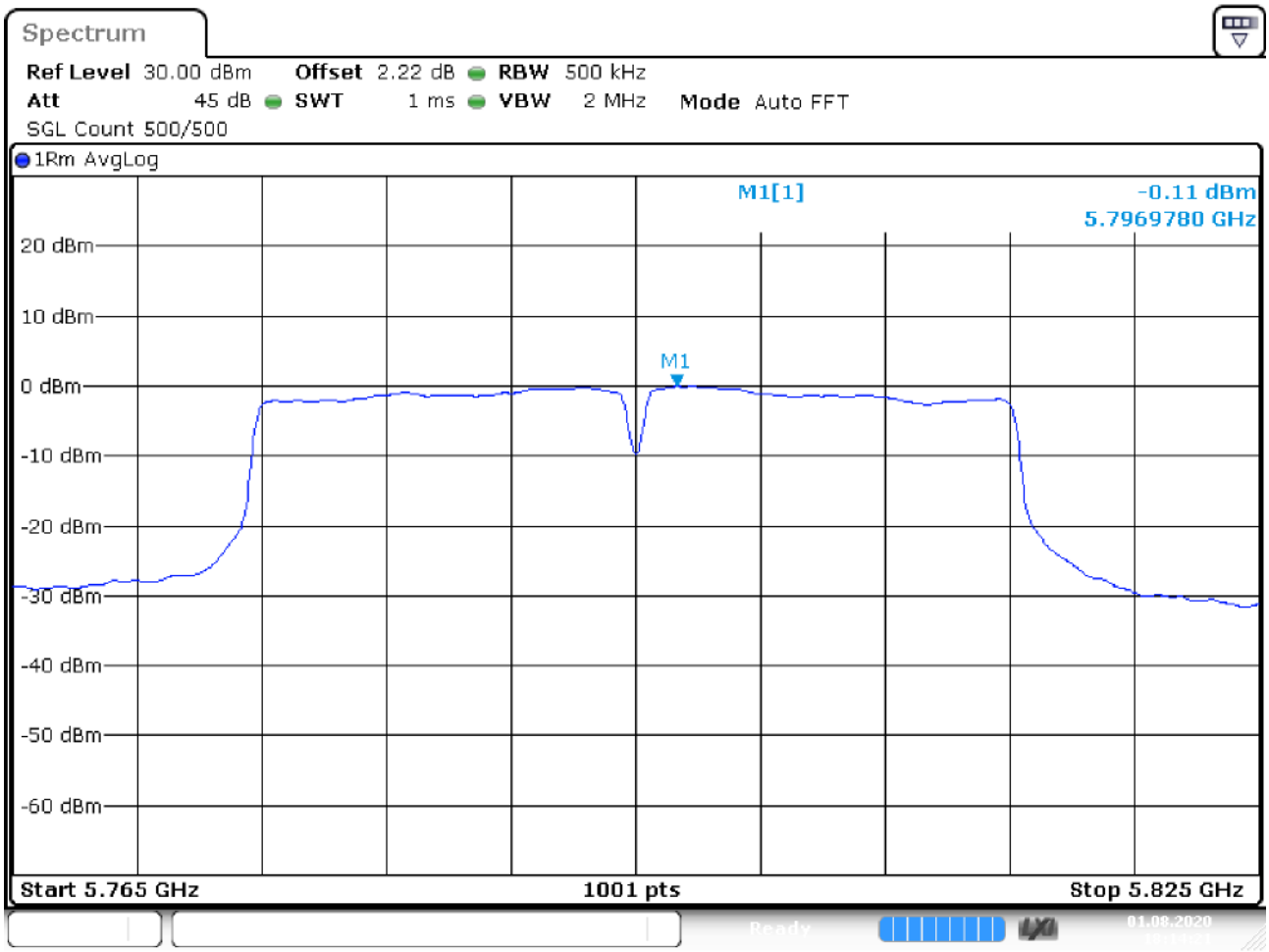
4.8.2.60 11N40MIMO_159 ANT 2



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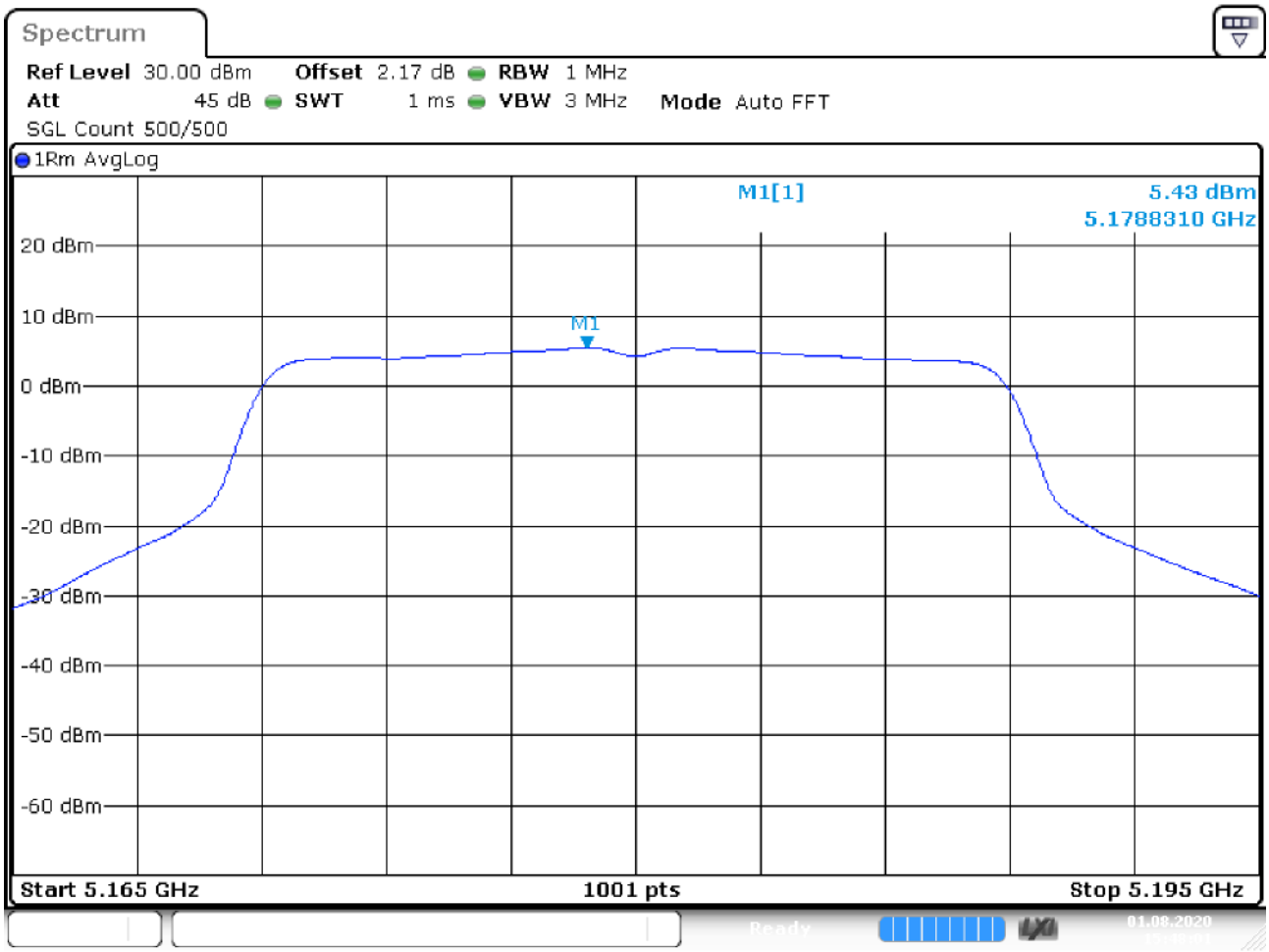
4.8.2.61 11AC20MIMO_36 ANT 1



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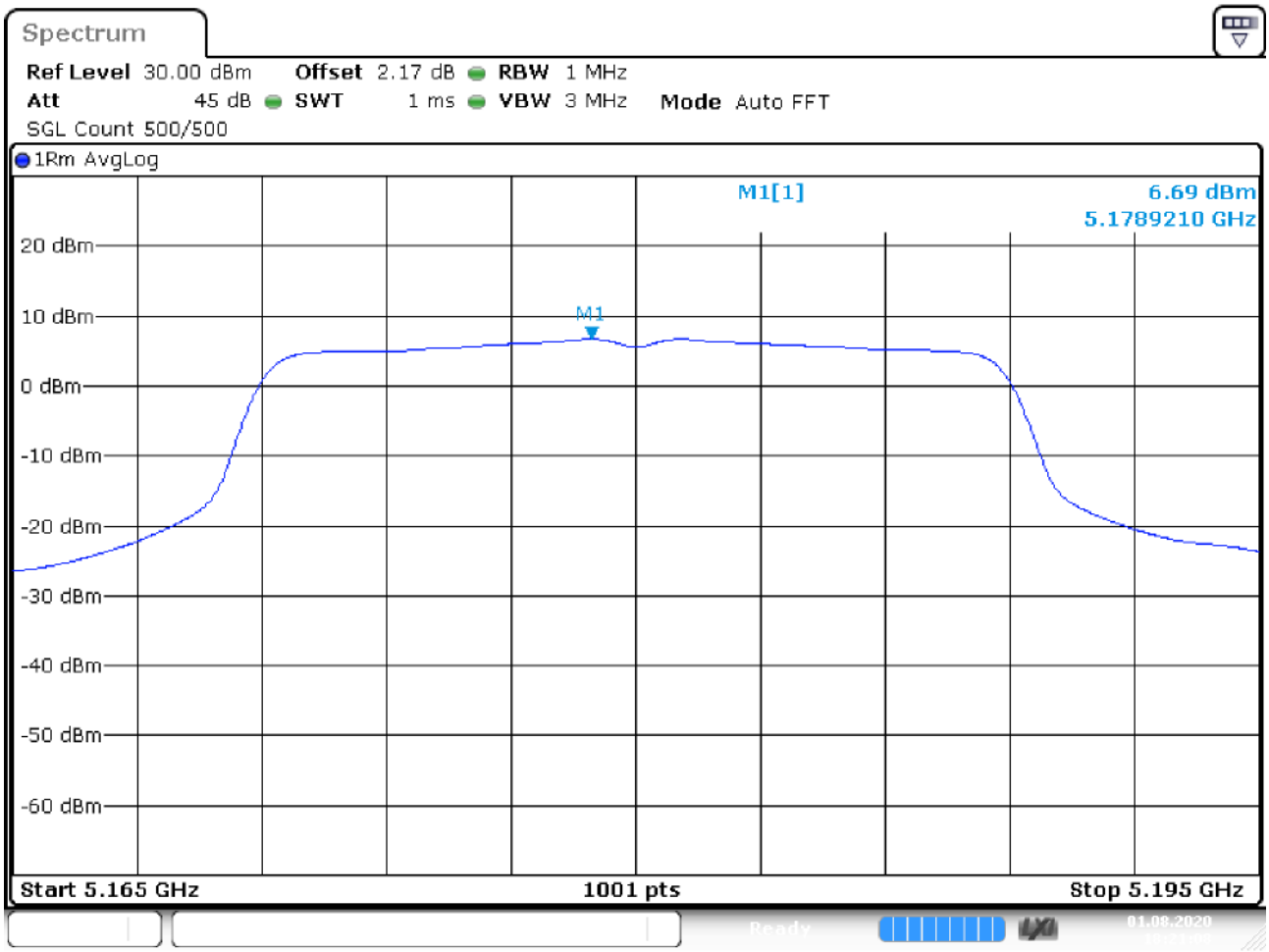
4.8.2.62 11AC20MIMO_36 ANT 2



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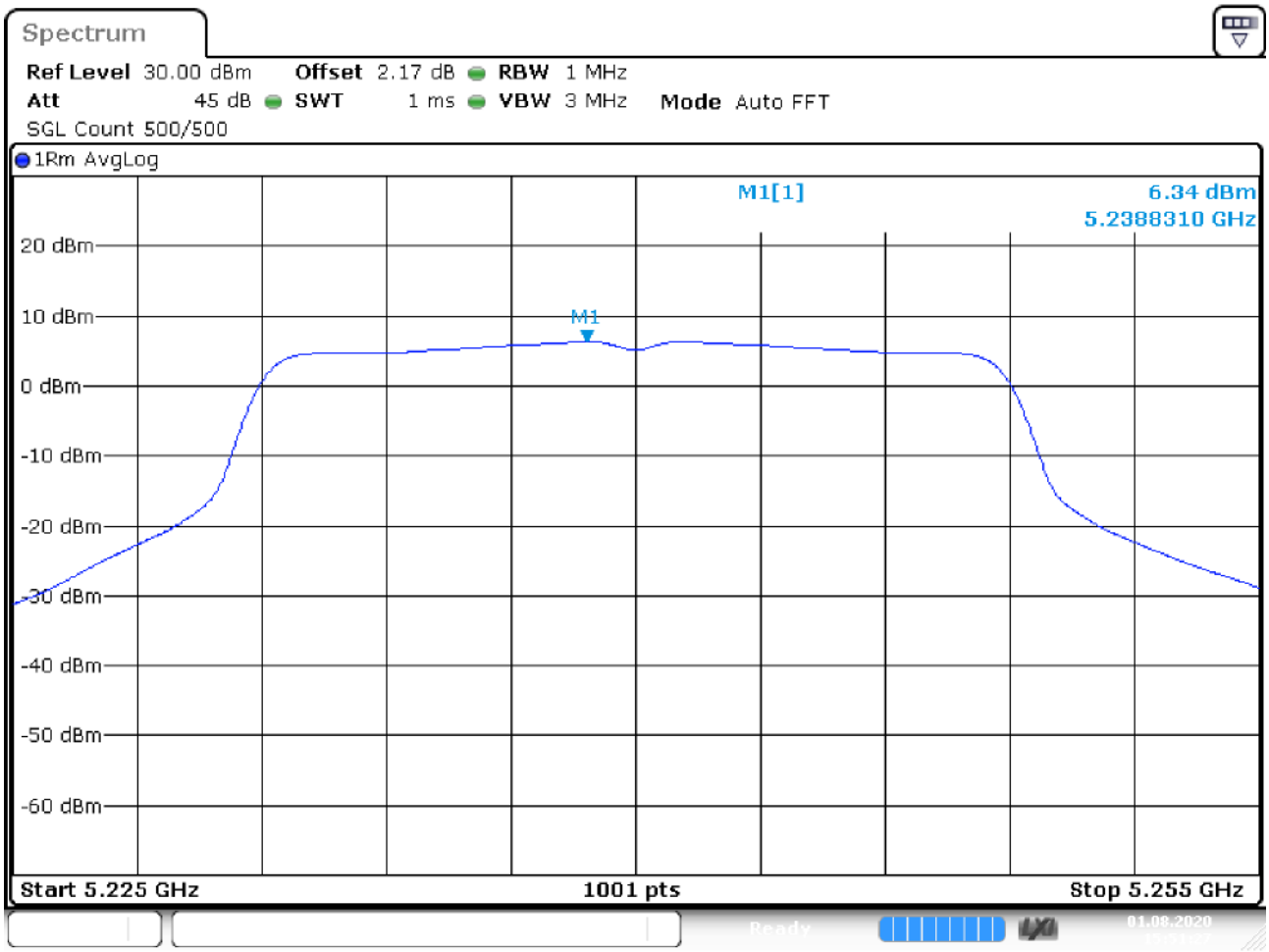
4.8.2.63 11AC20MIMO_48 ANT 1



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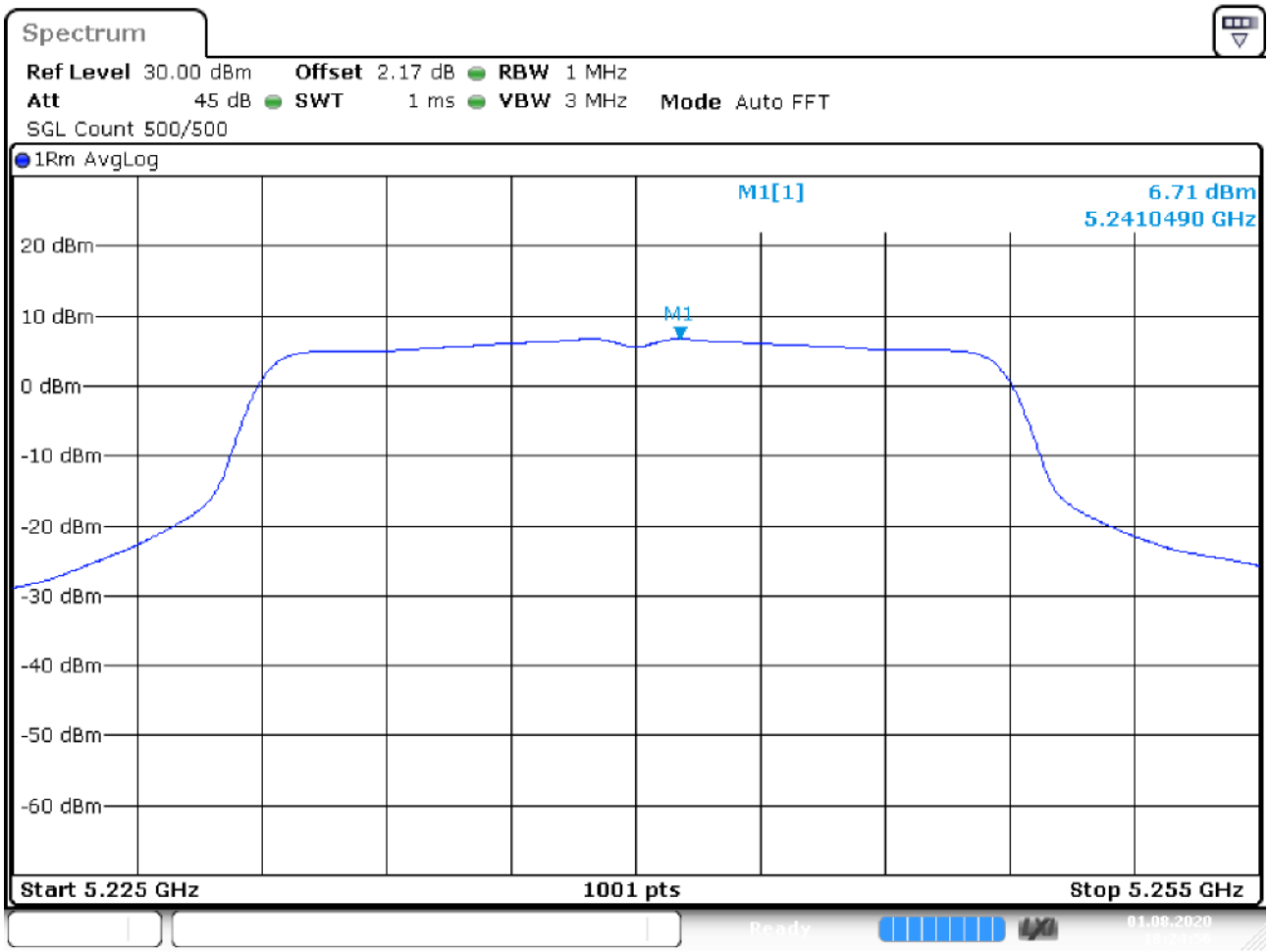
4.8.2.64 11AC20MIMO_48 ANT 2



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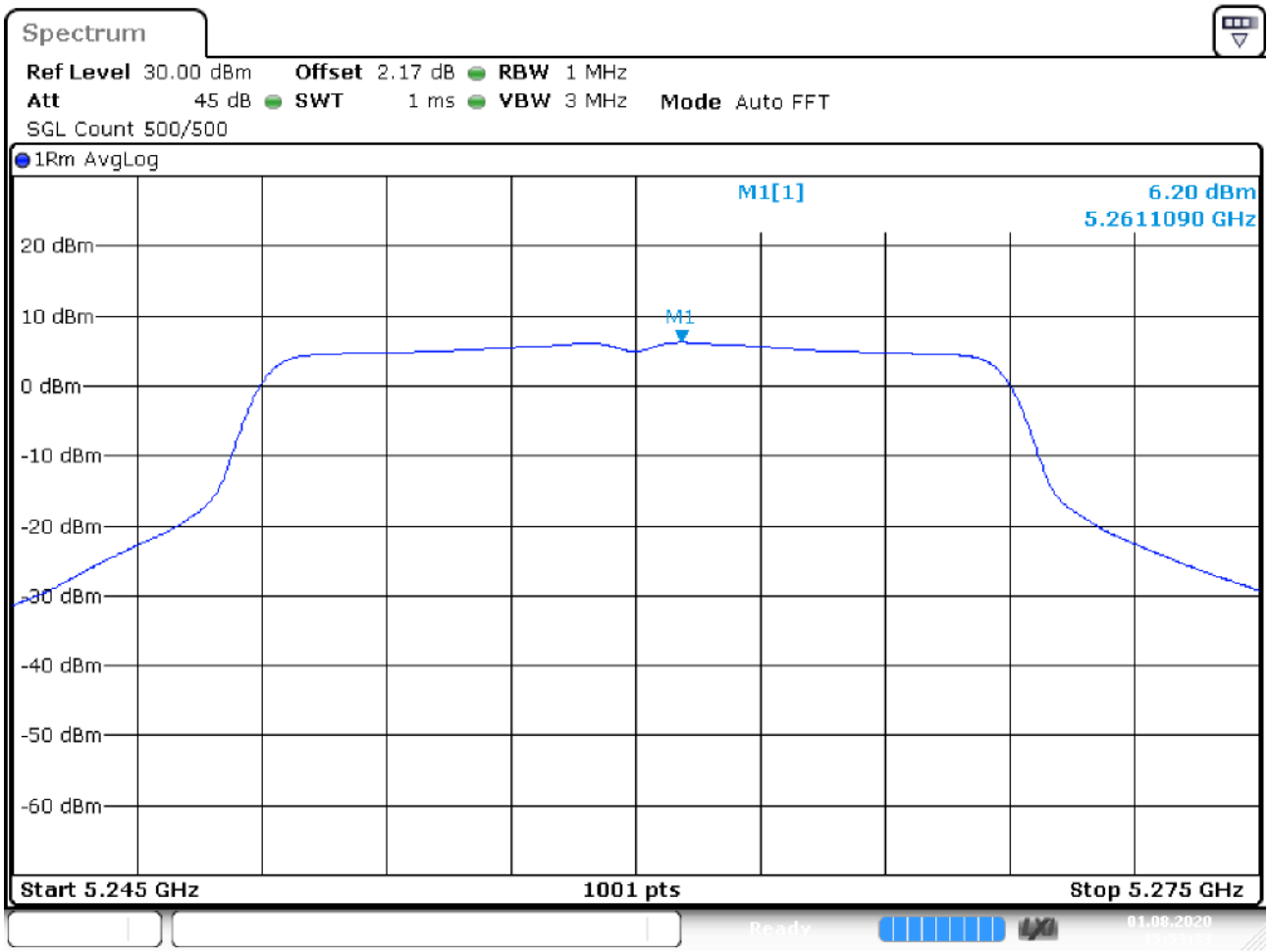
4.8.2.65 11AC20MIMO_52 ANT 1



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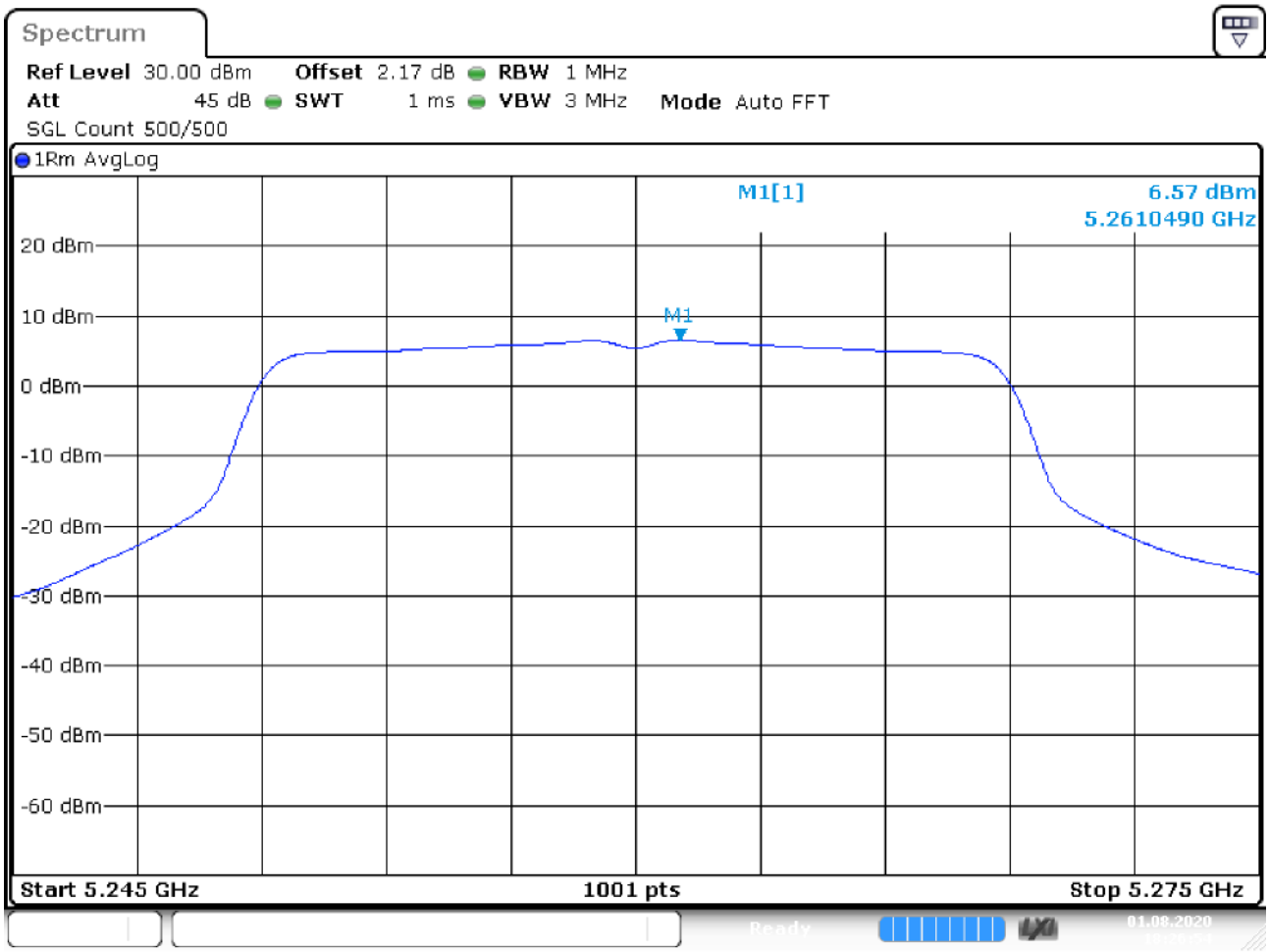

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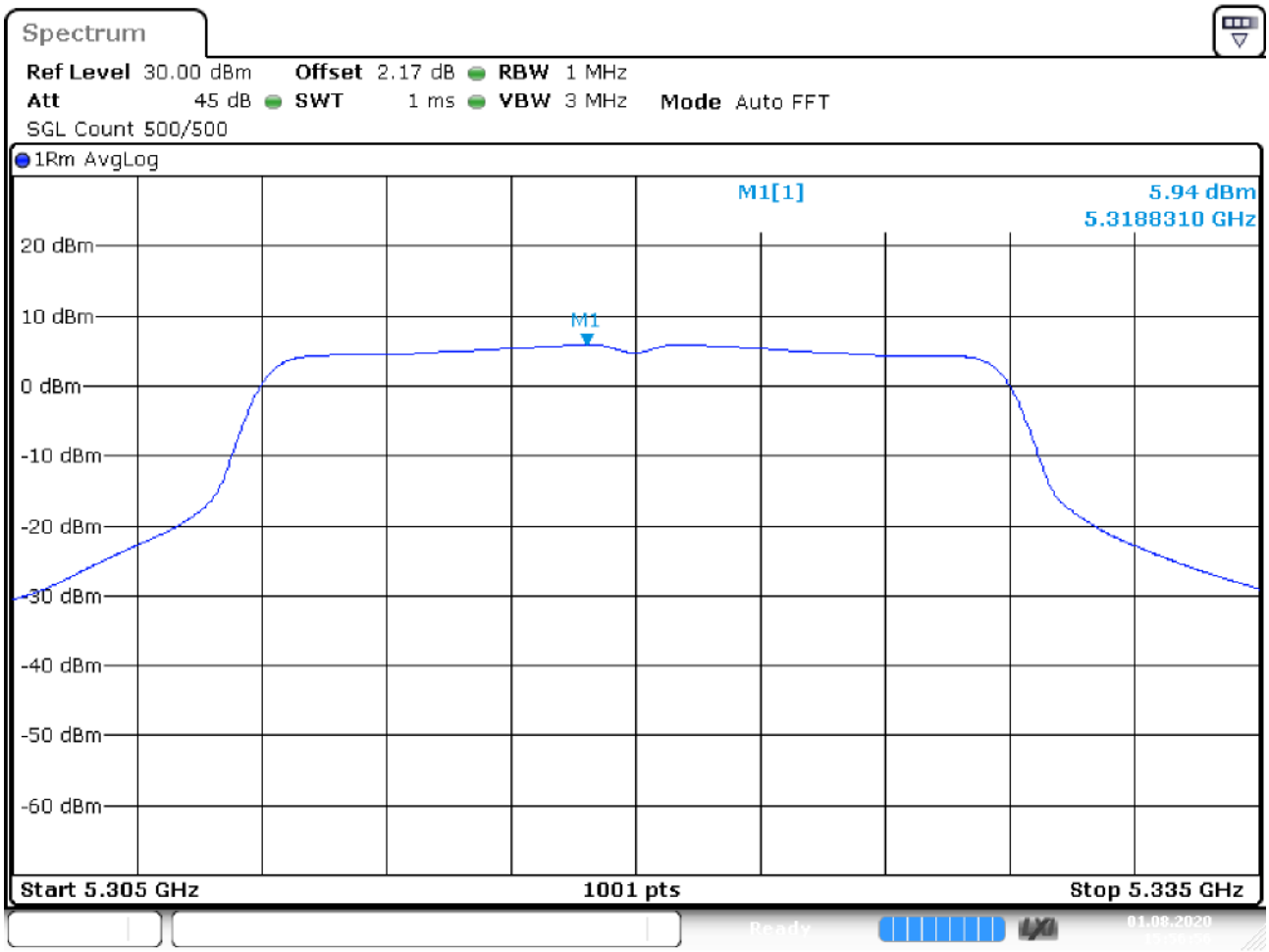
4.8.2.67 11AC20MIMO_64 ANT 1



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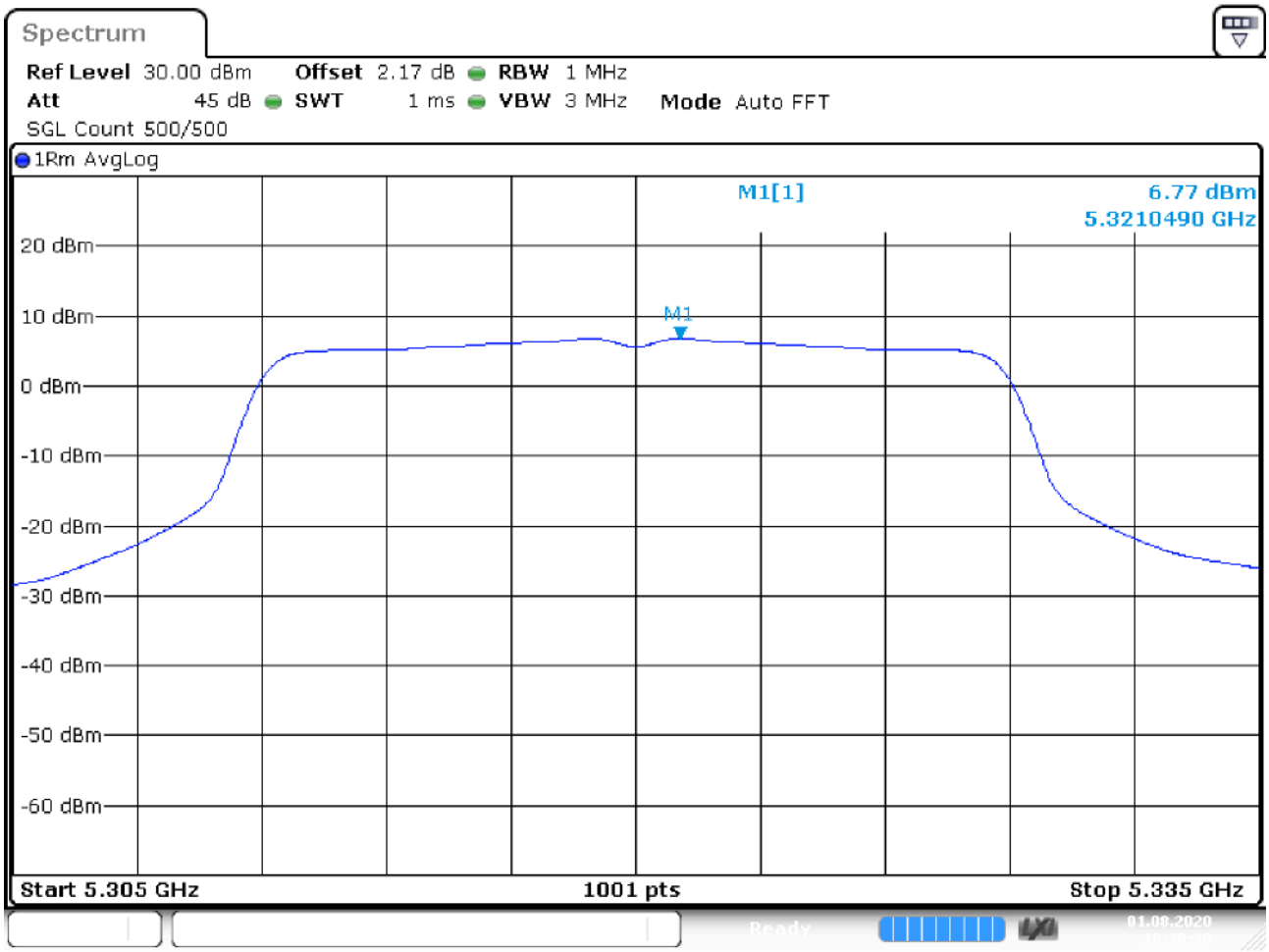
4.8.2.68 11AC20MIMO_64 ANT 2



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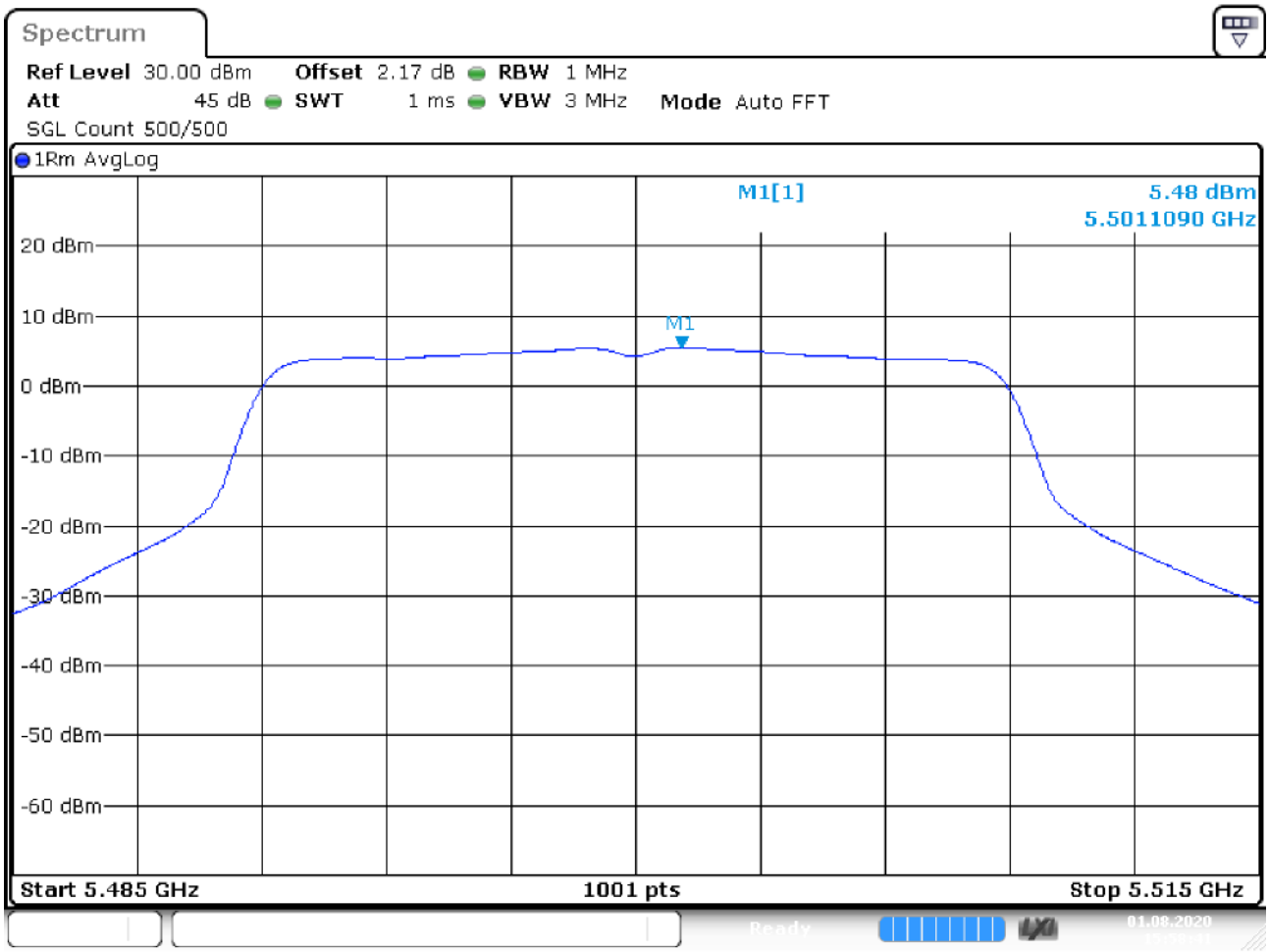
4.8.2.69 11AC20MIMO_100 ANT 1



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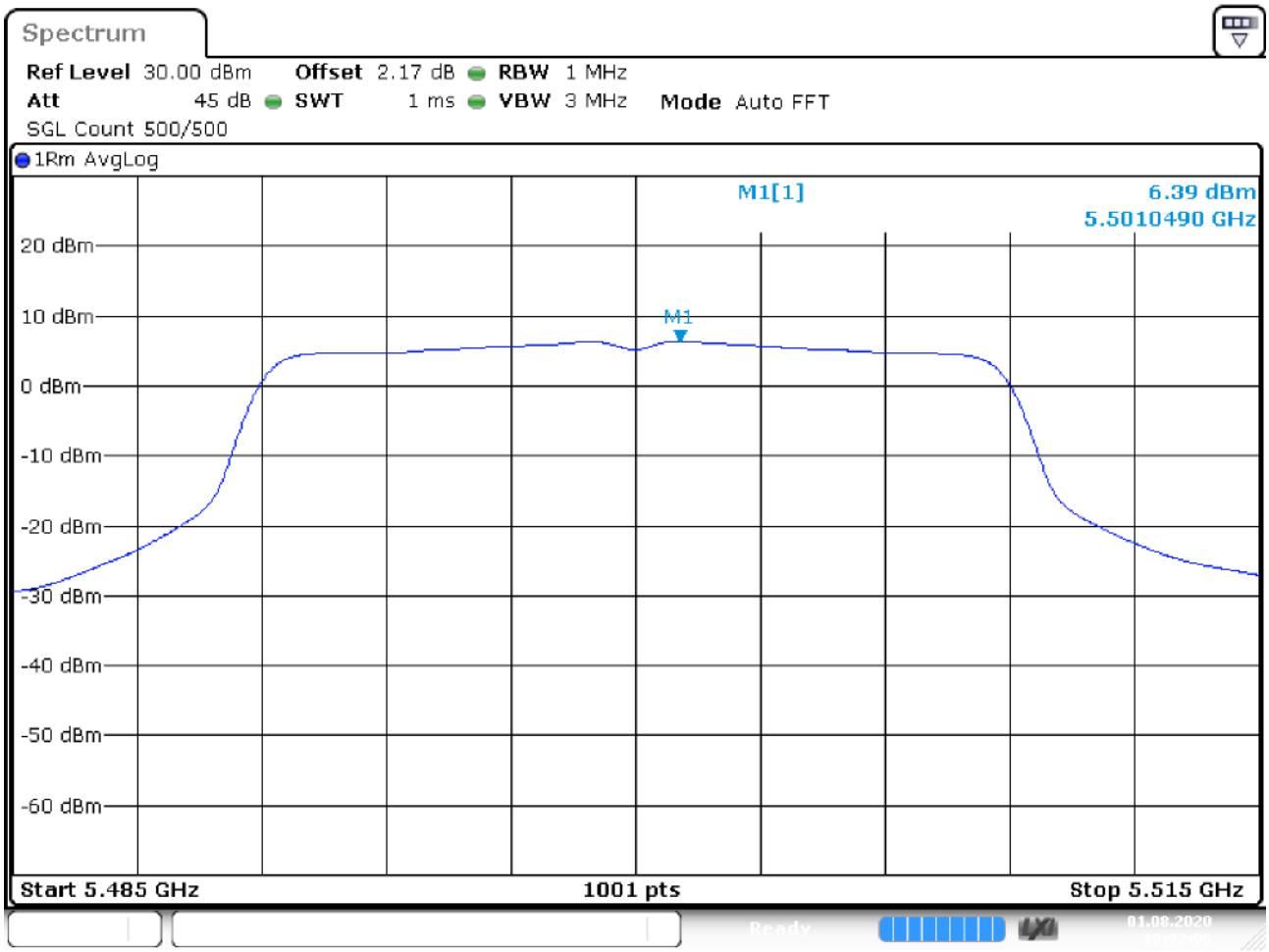
4.8.2.70 11AC20MIMO_100 ANT 2



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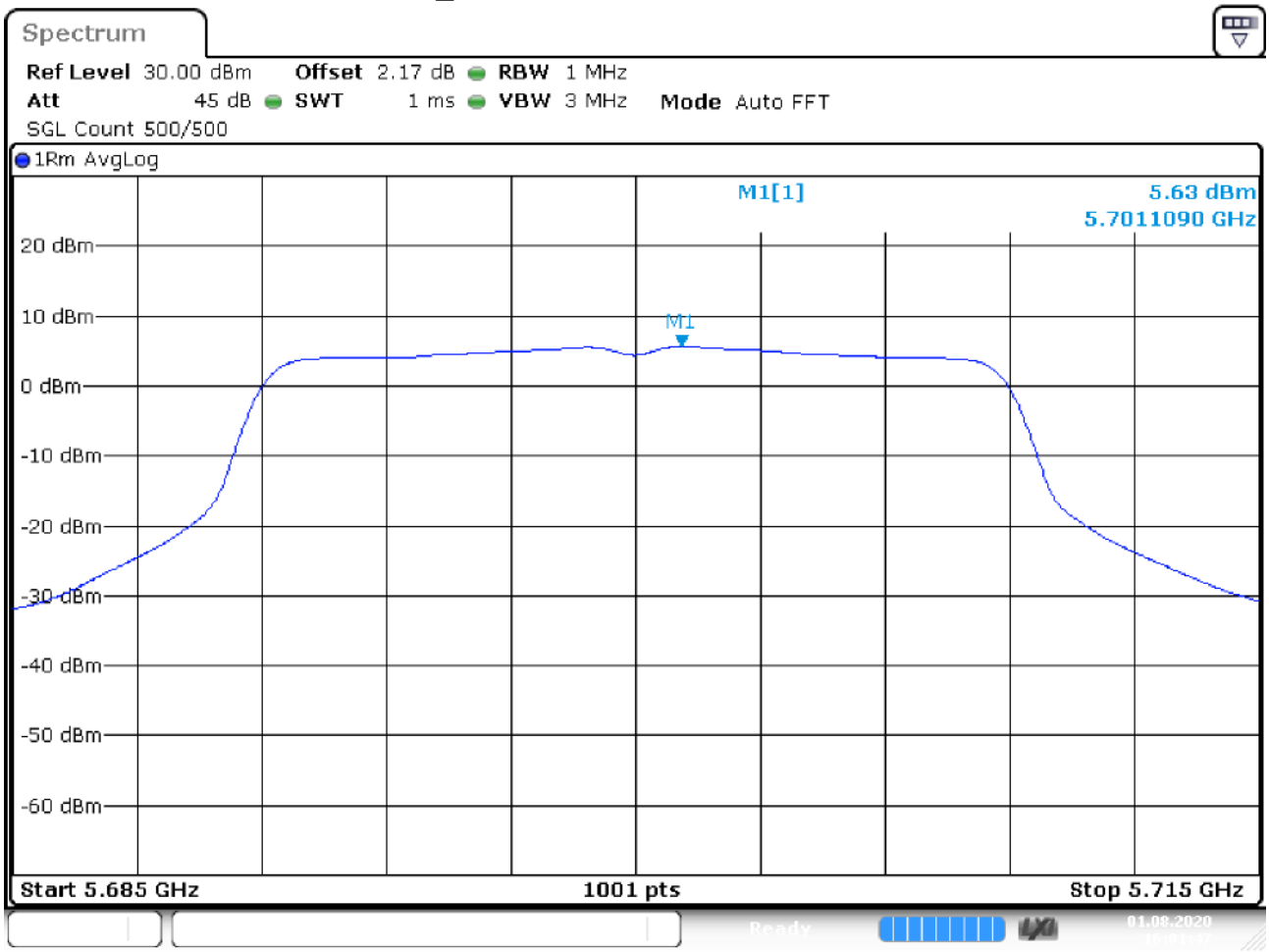
4.8.2.71 11AC20MIMO_140 ANT 1



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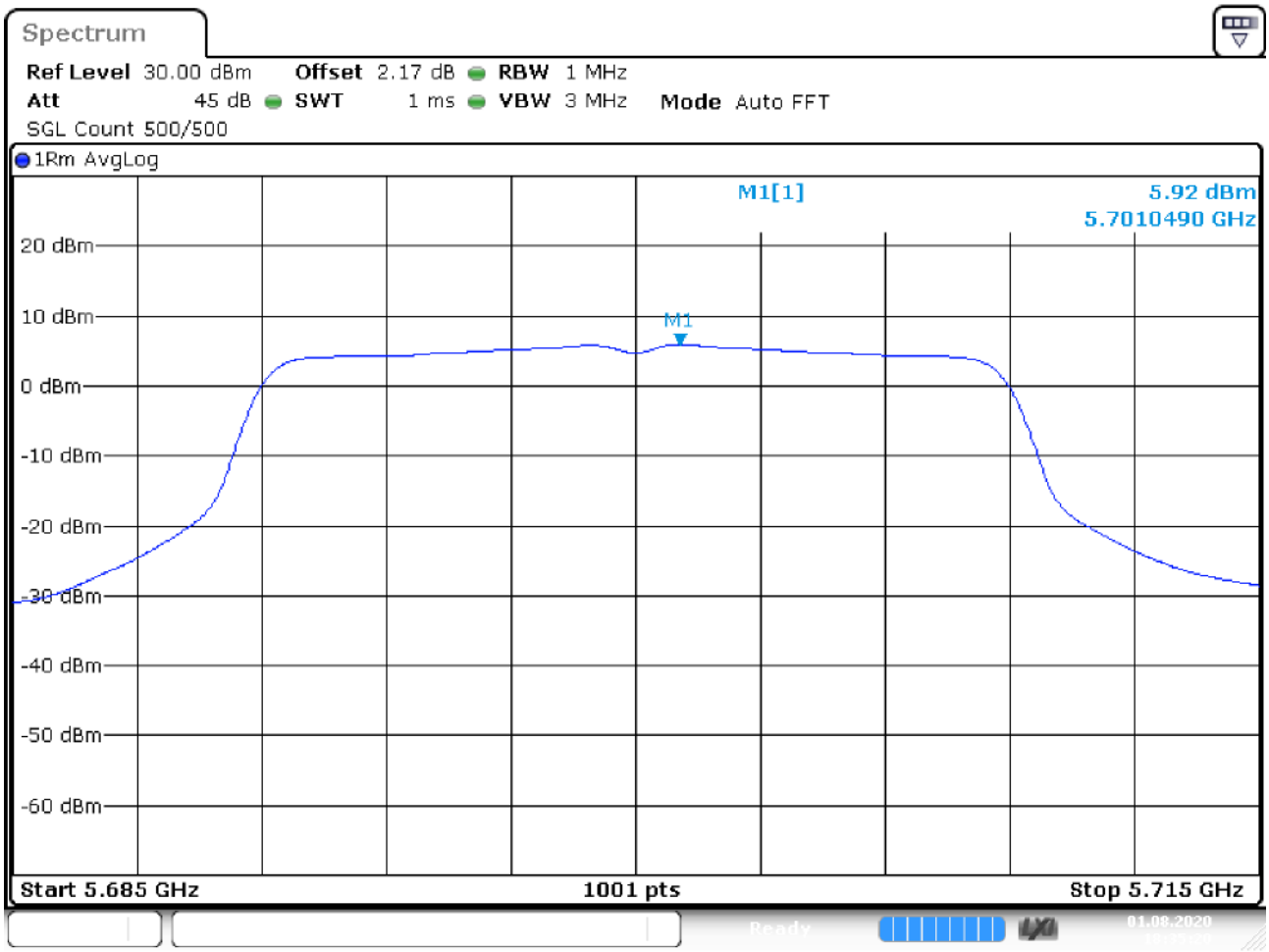
4.8.2.72 11AC20MIMO_140 ANT 2



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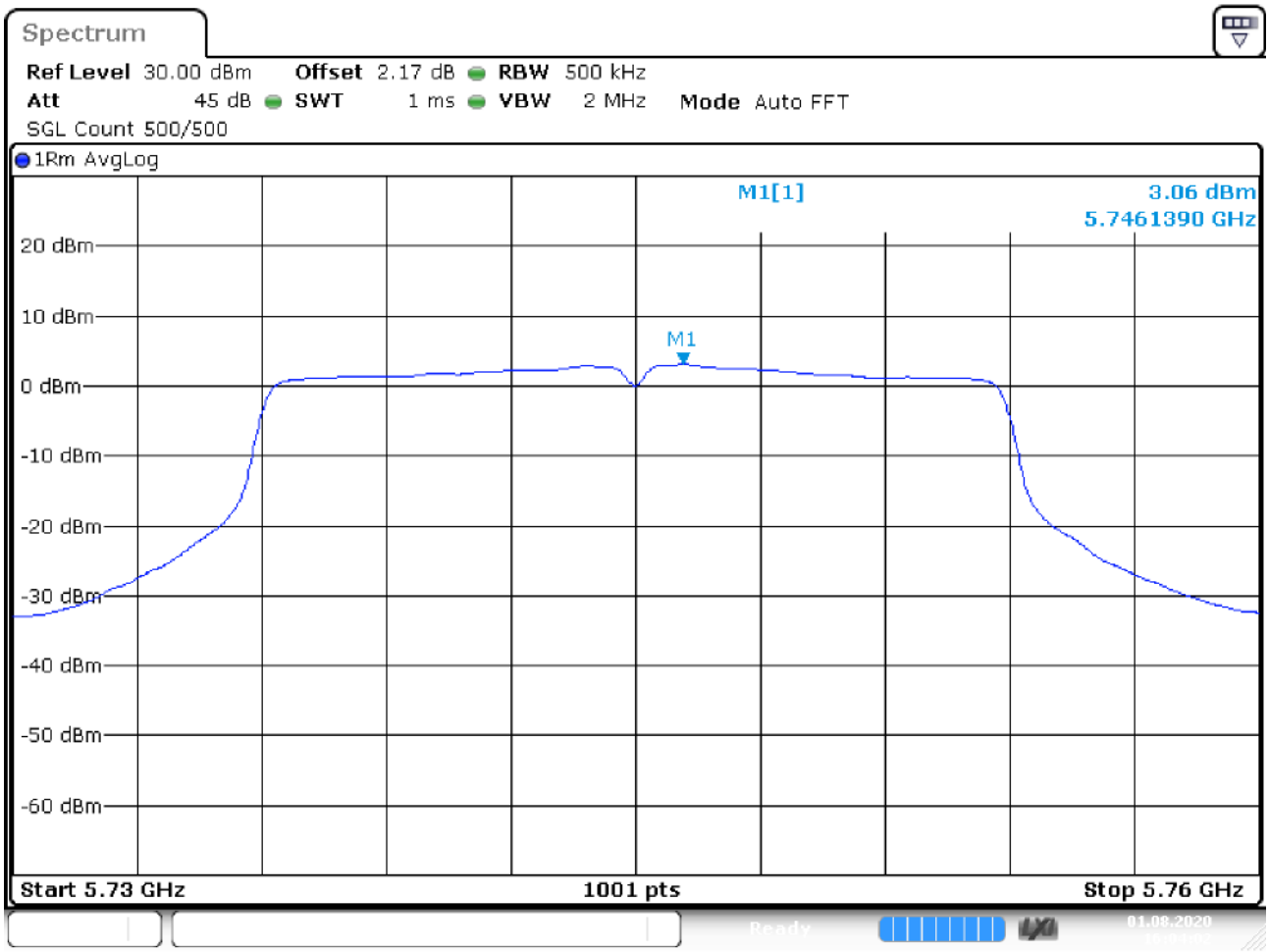
4.8.2.73 11AC20MIMO_149 ANT 1



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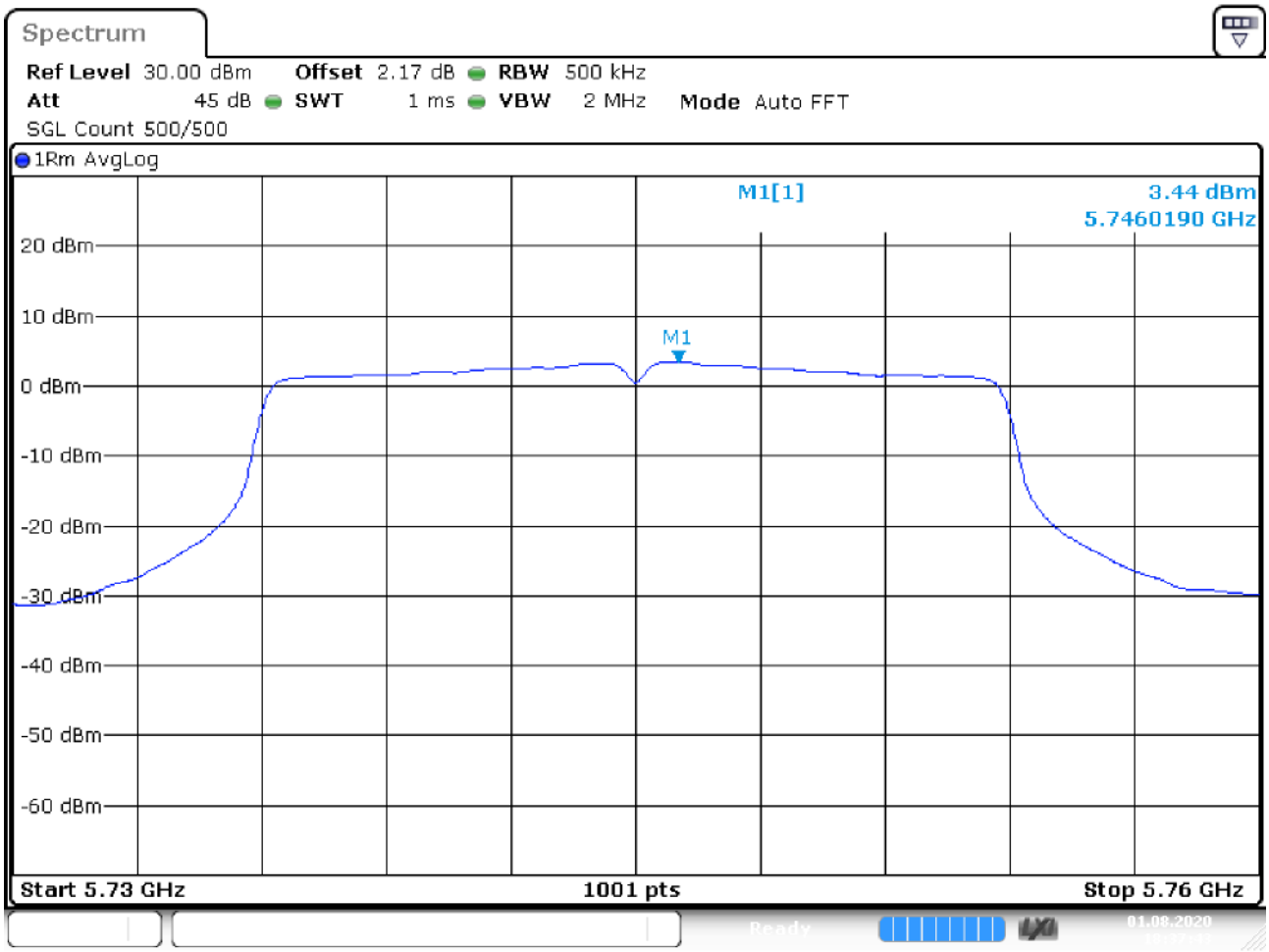
4.8.2.74 11AC20MIMO_149 ANT 2



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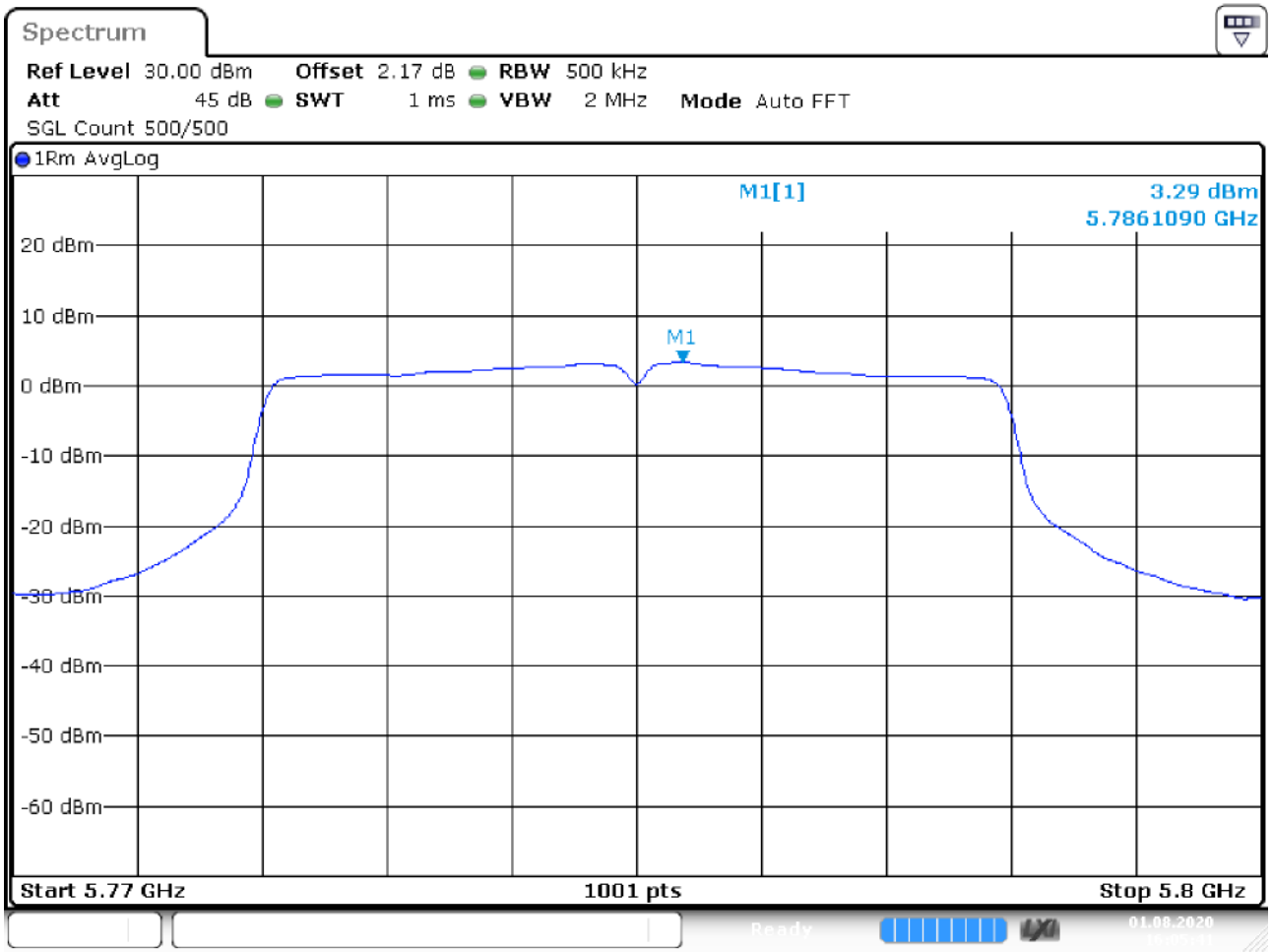
4.8.2.75 11AC20MIMO_157 ANT 1



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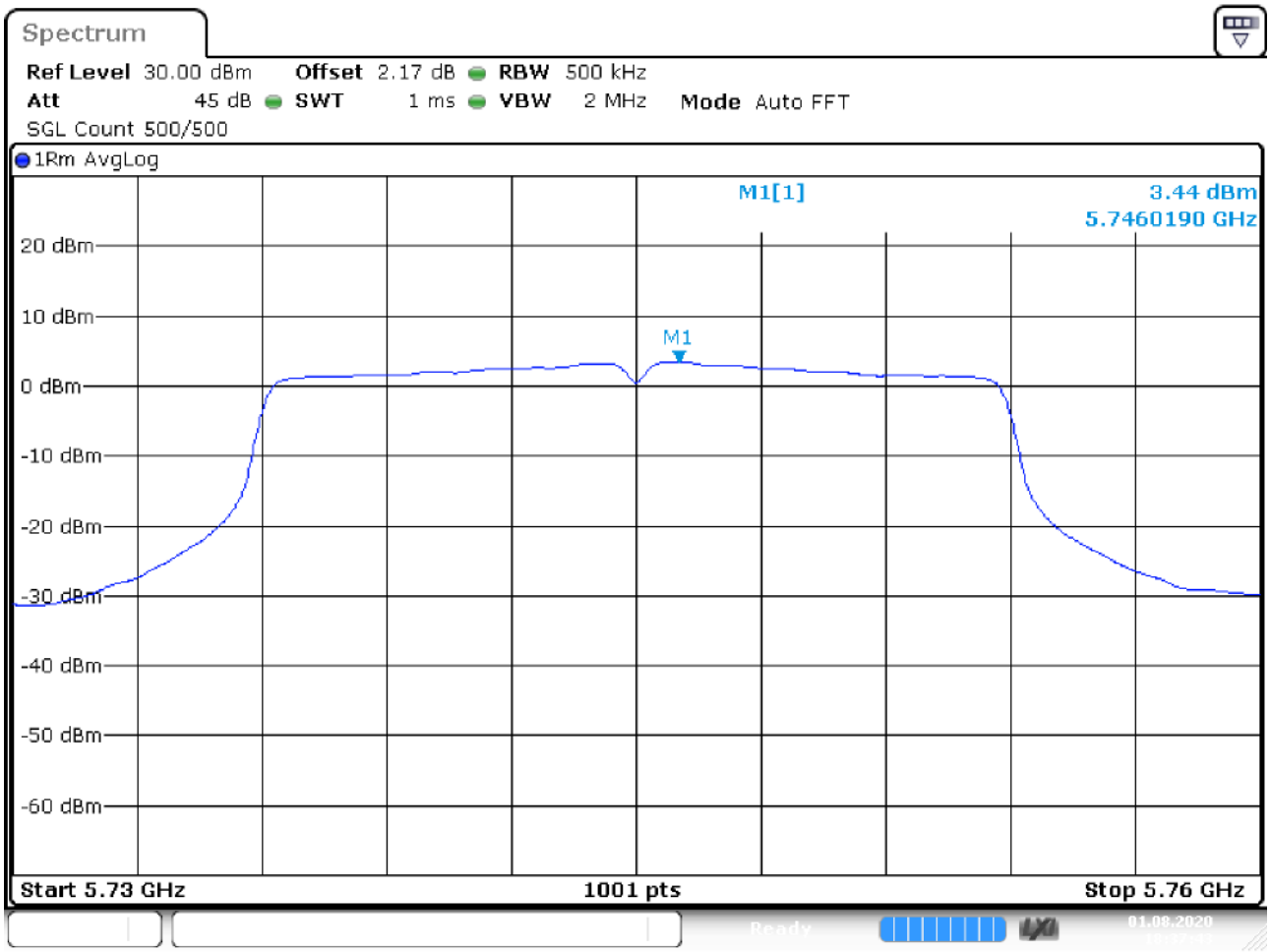
4.8.2.76 11AC20MIMO_157 ANT2



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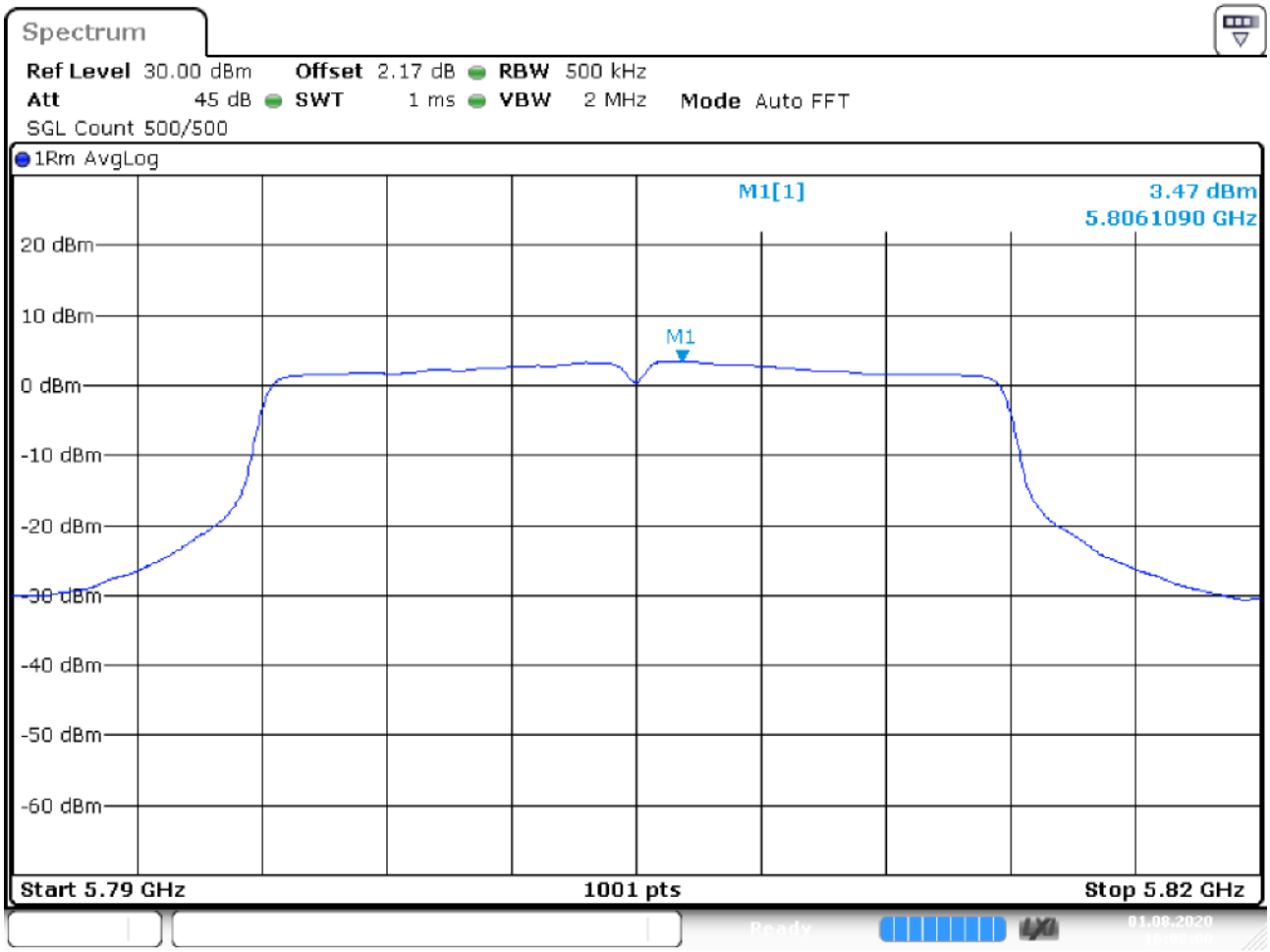
4.8.2.77 11AC20MIMO_161 ANT 1



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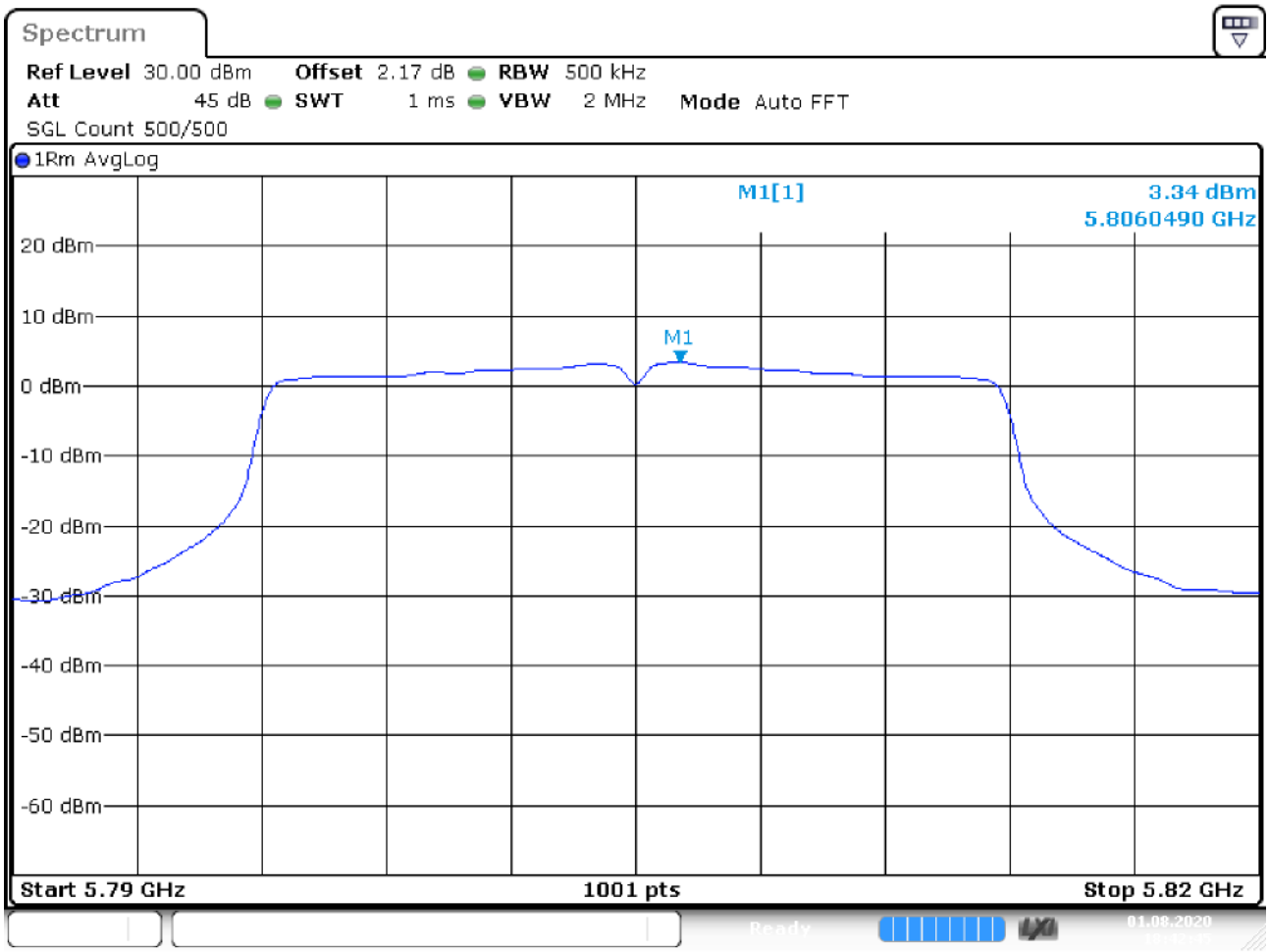
4.8.2.78 11AC20MIMO_161 ANT 2



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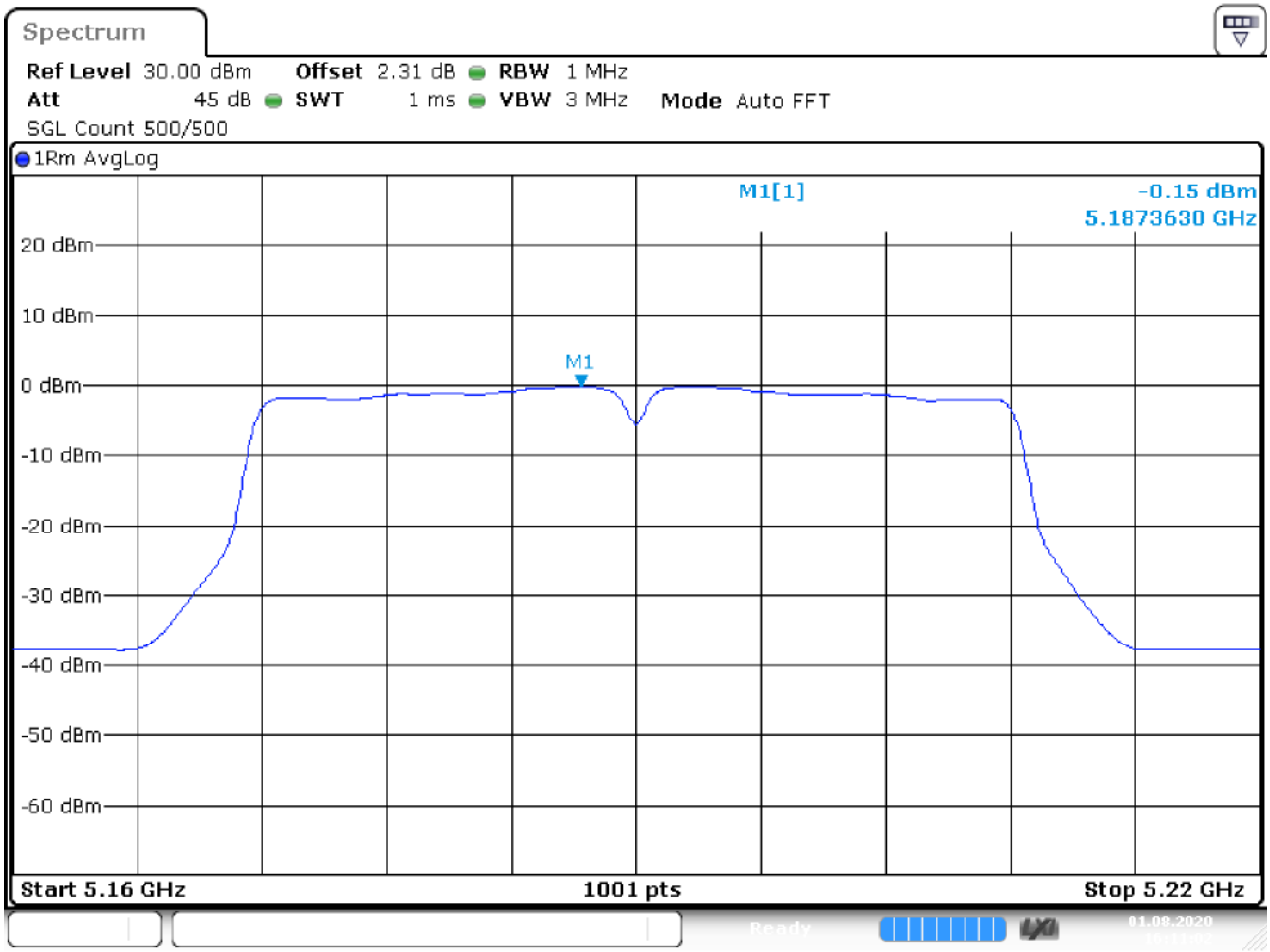
4.8.2.79 11AC40MIMO_38 ANT 1



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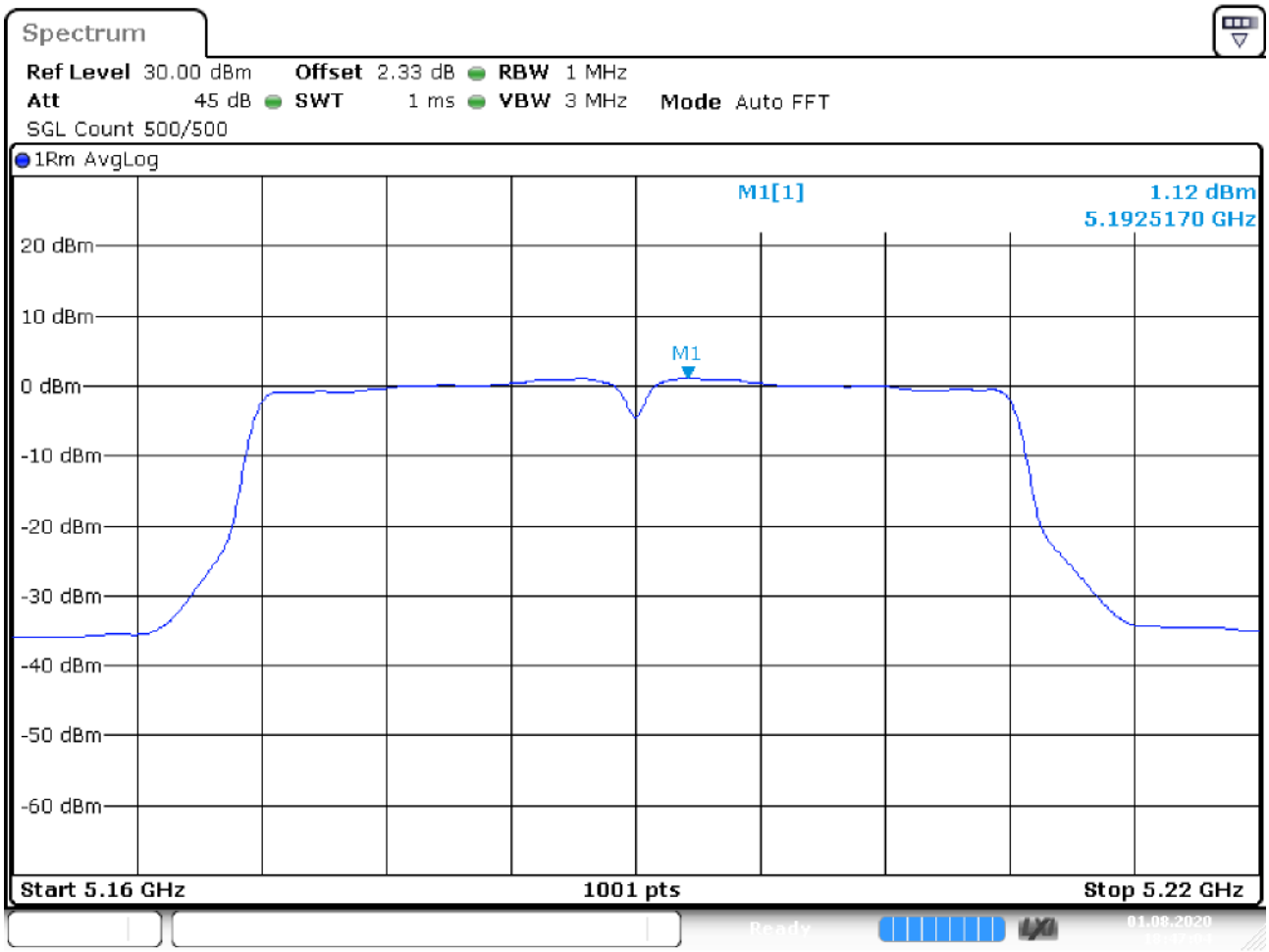
4.8.2.80 11AC40MIMO_38 ANT 2



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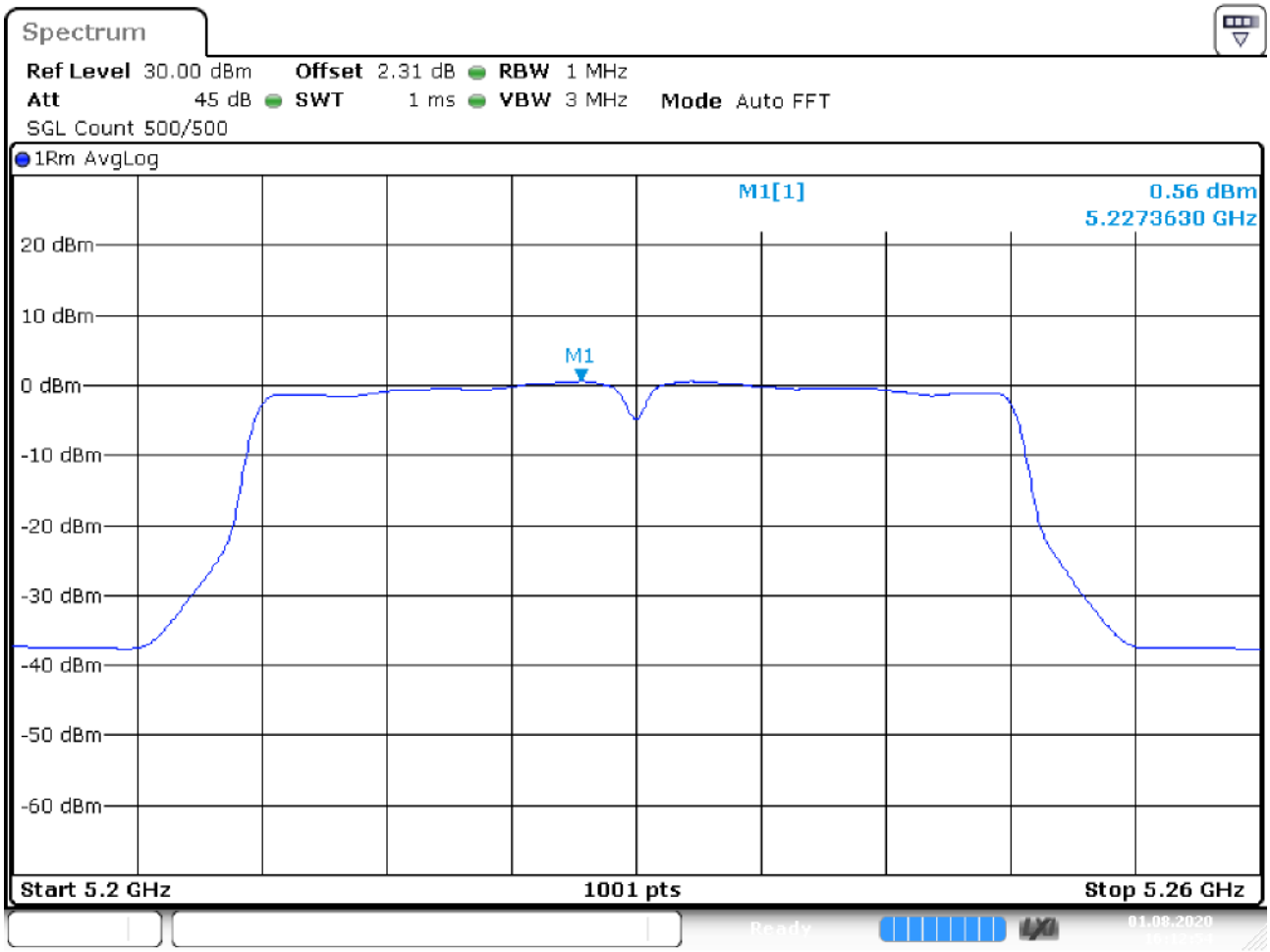
4.8.2.81 11AC40MIMO_46 ANT 1



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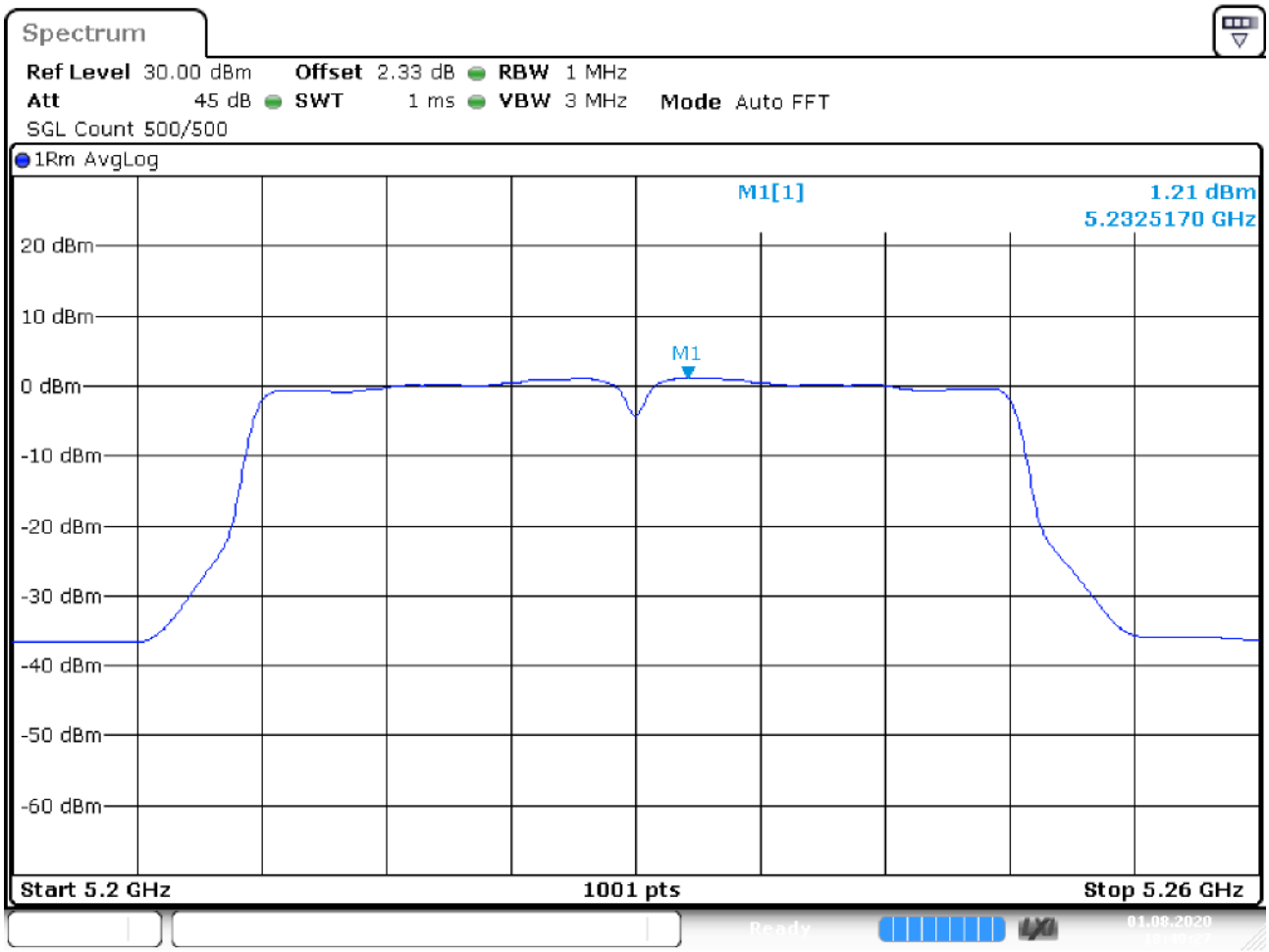
4.8.2.82 11AC40MIMO_46 ANT 2



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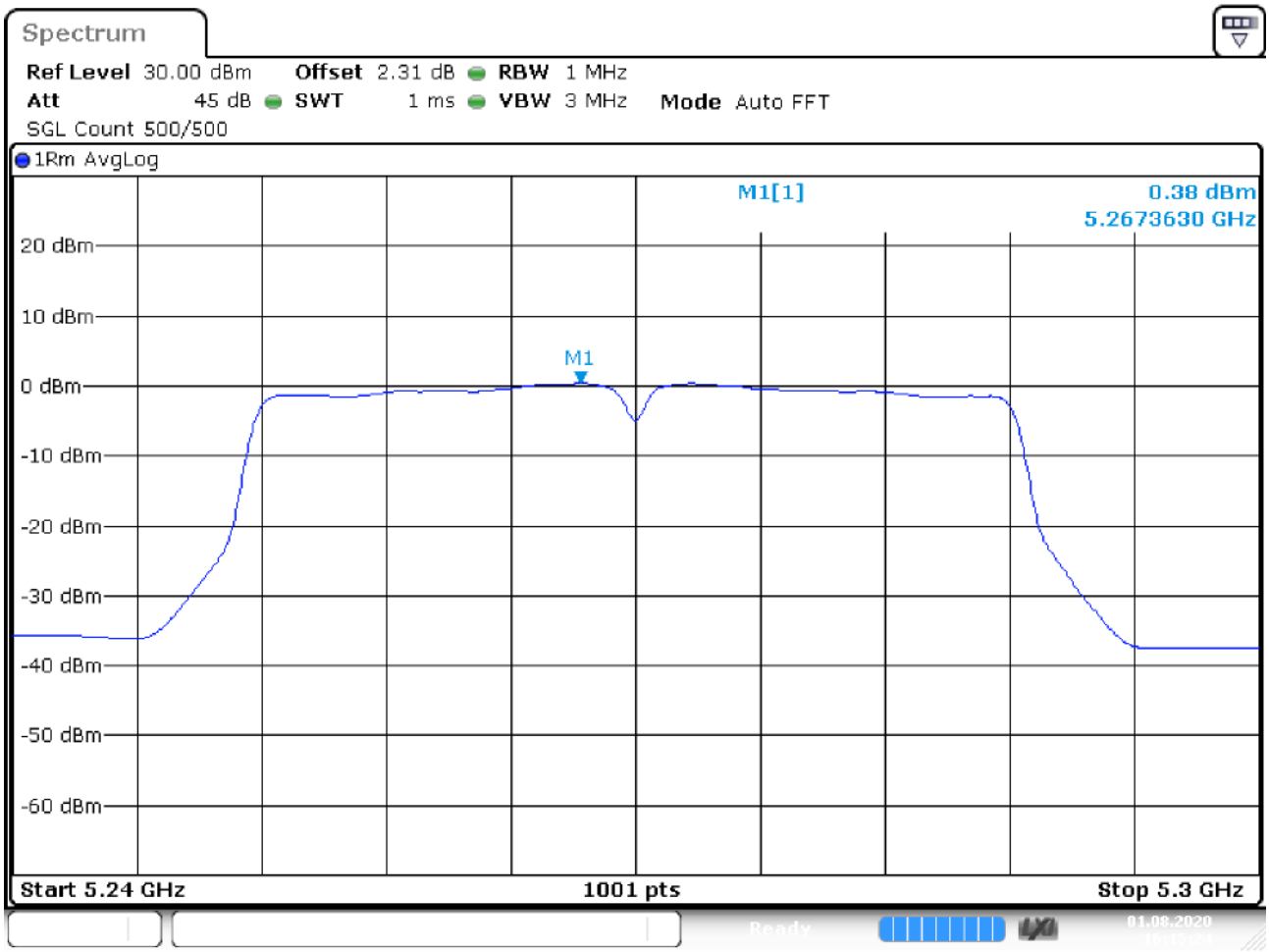
4.8.2.83 11AC40MIMO_54 ANT 1



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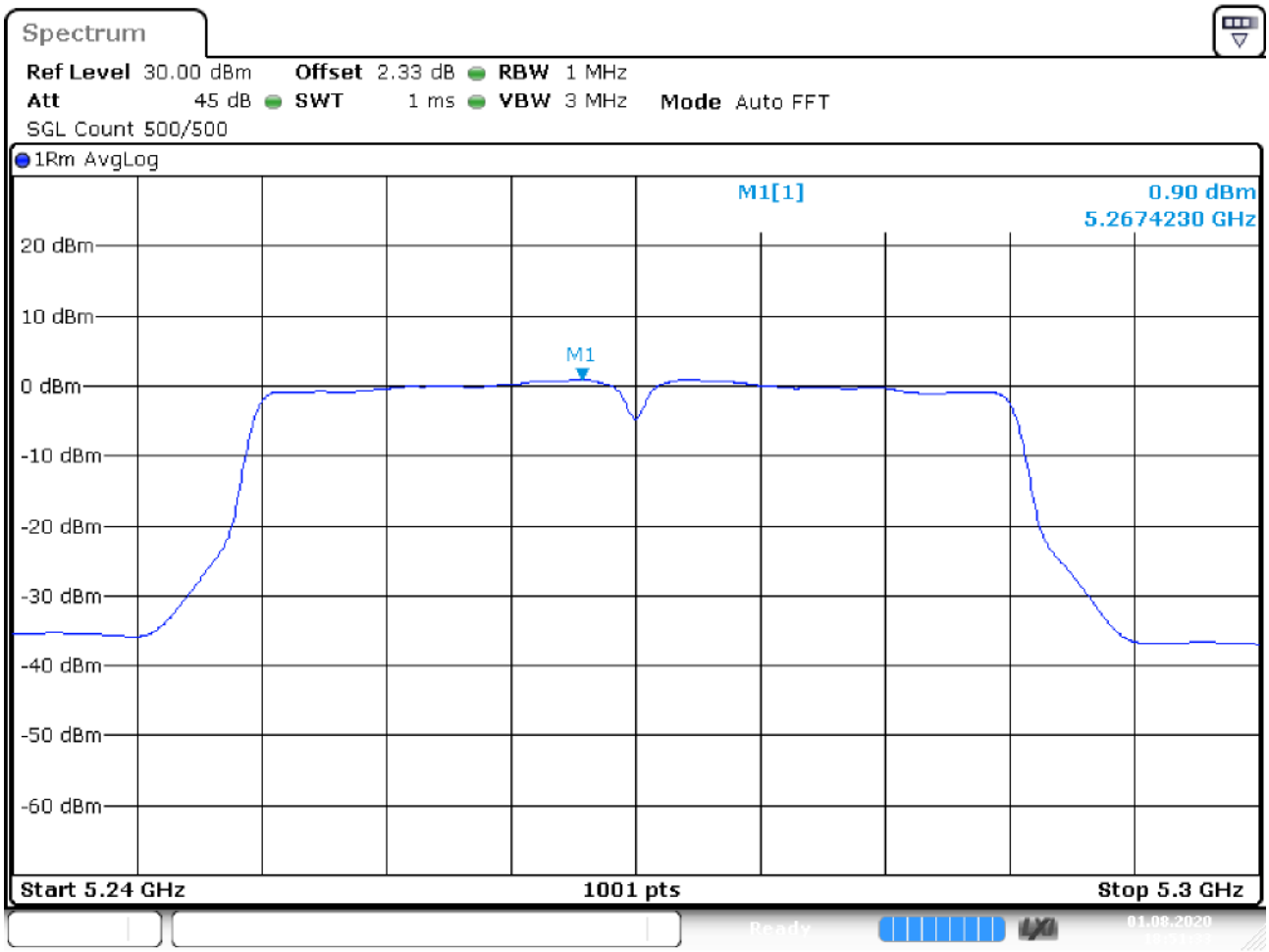
4.8.2.84 11AC40MIMO_54 ANT 2



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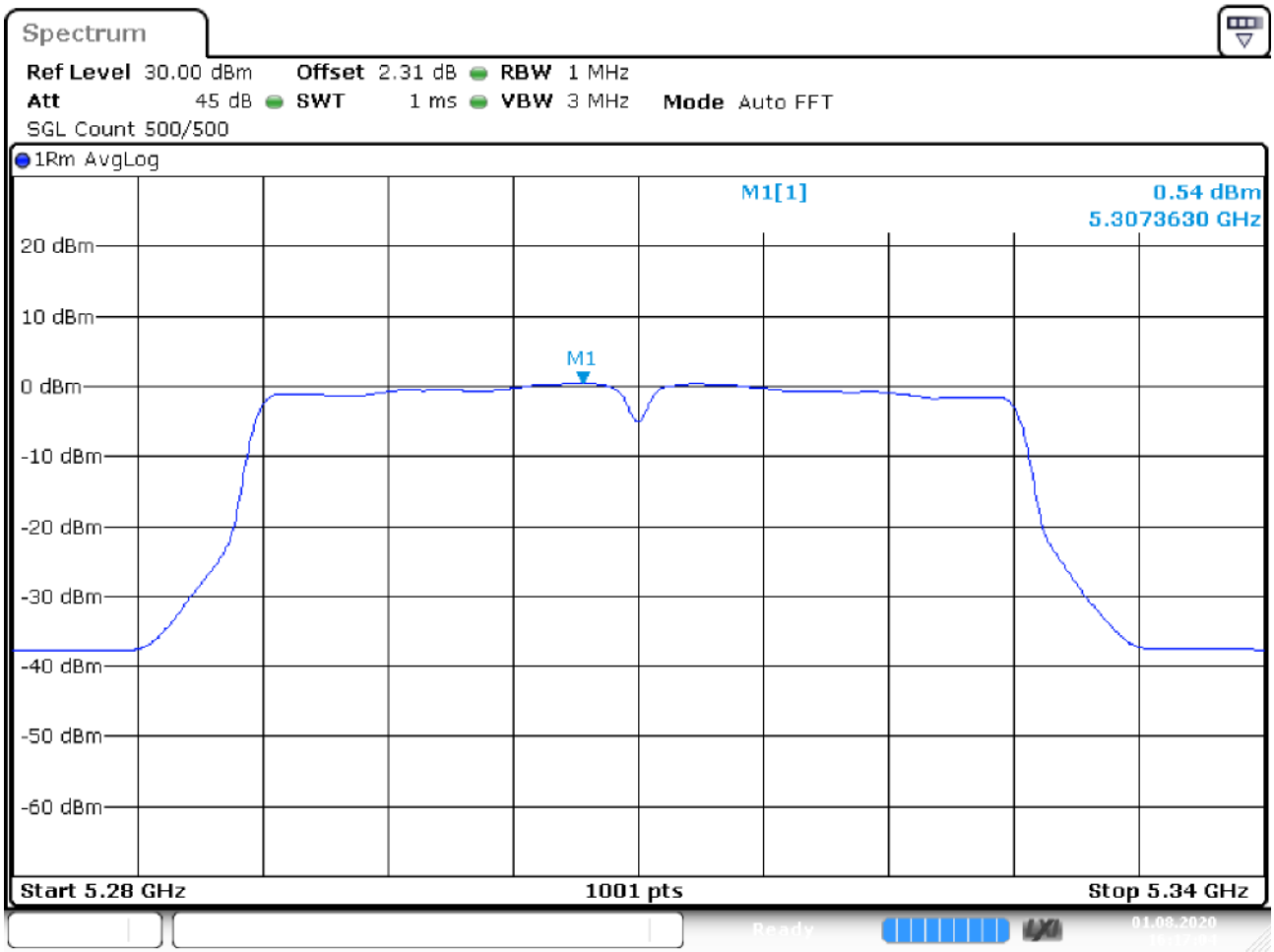
4.8.2.85 11AC40MIMO_62 ANT 1



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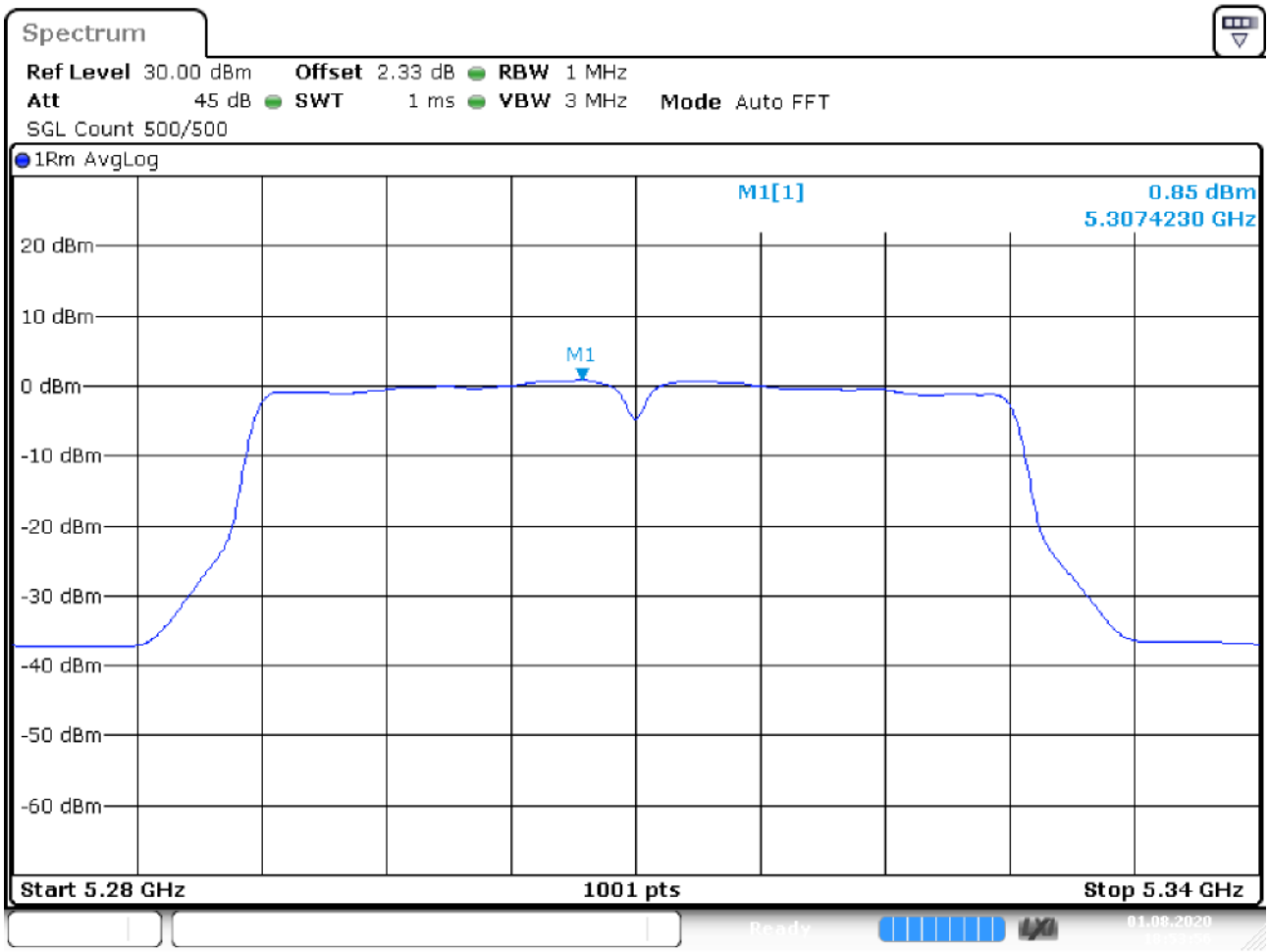
4.8.2.86 11AC40MIMO_62 ANT 2



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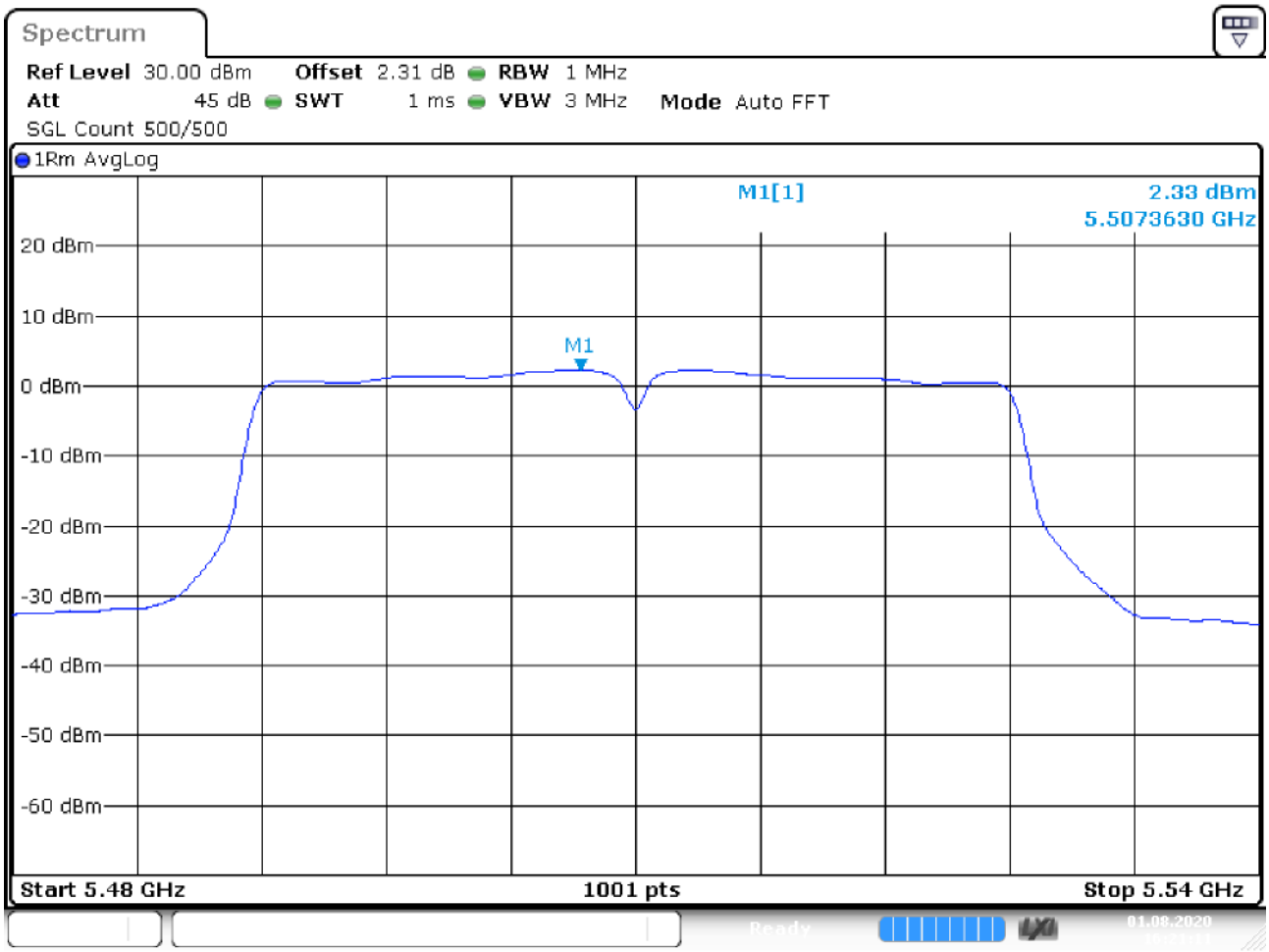
4.8.2.87 11AC40MIMO_102 ANT 1



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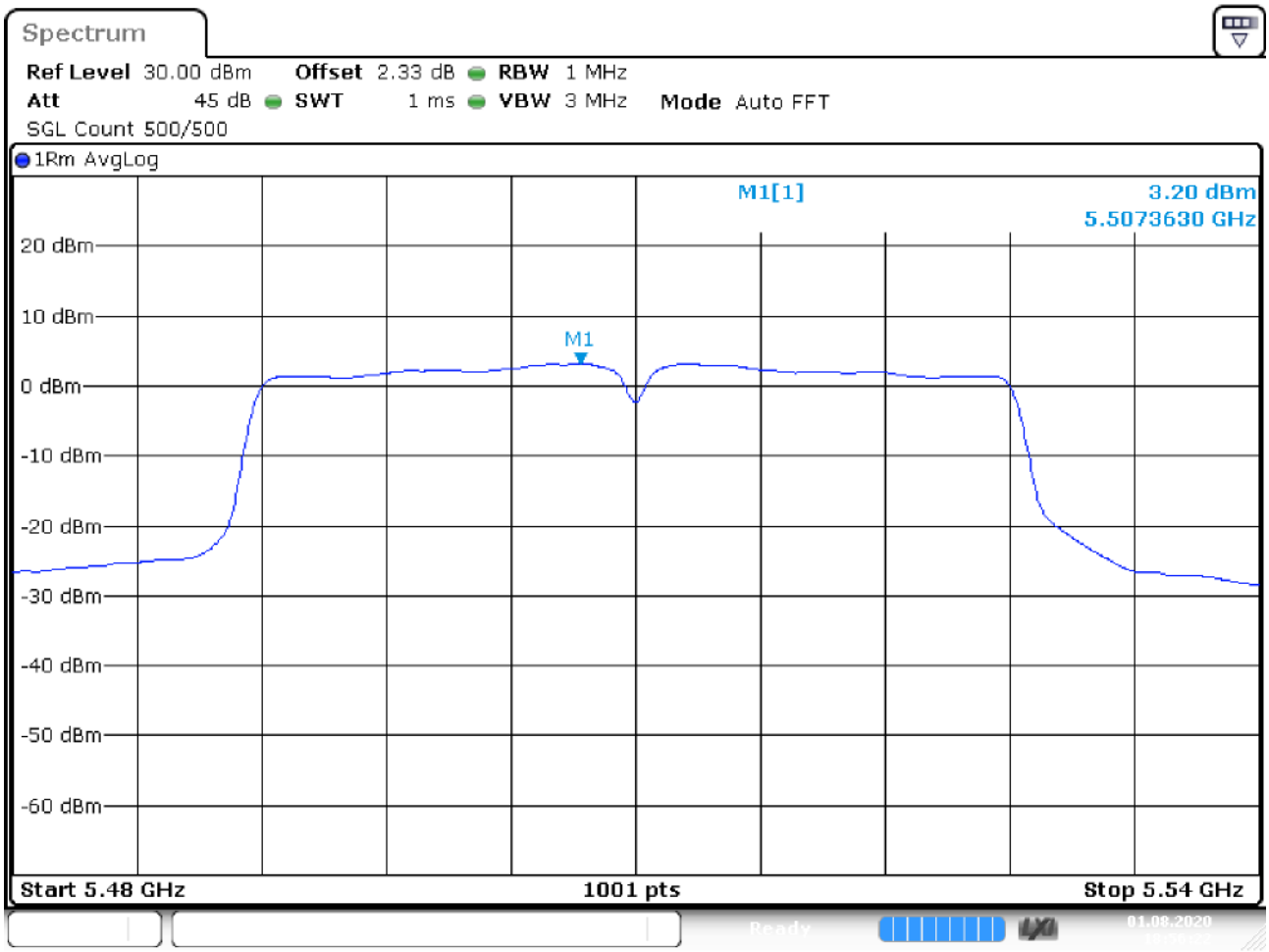
4.8.2.88 11AC40MIMO_102 ANT 2



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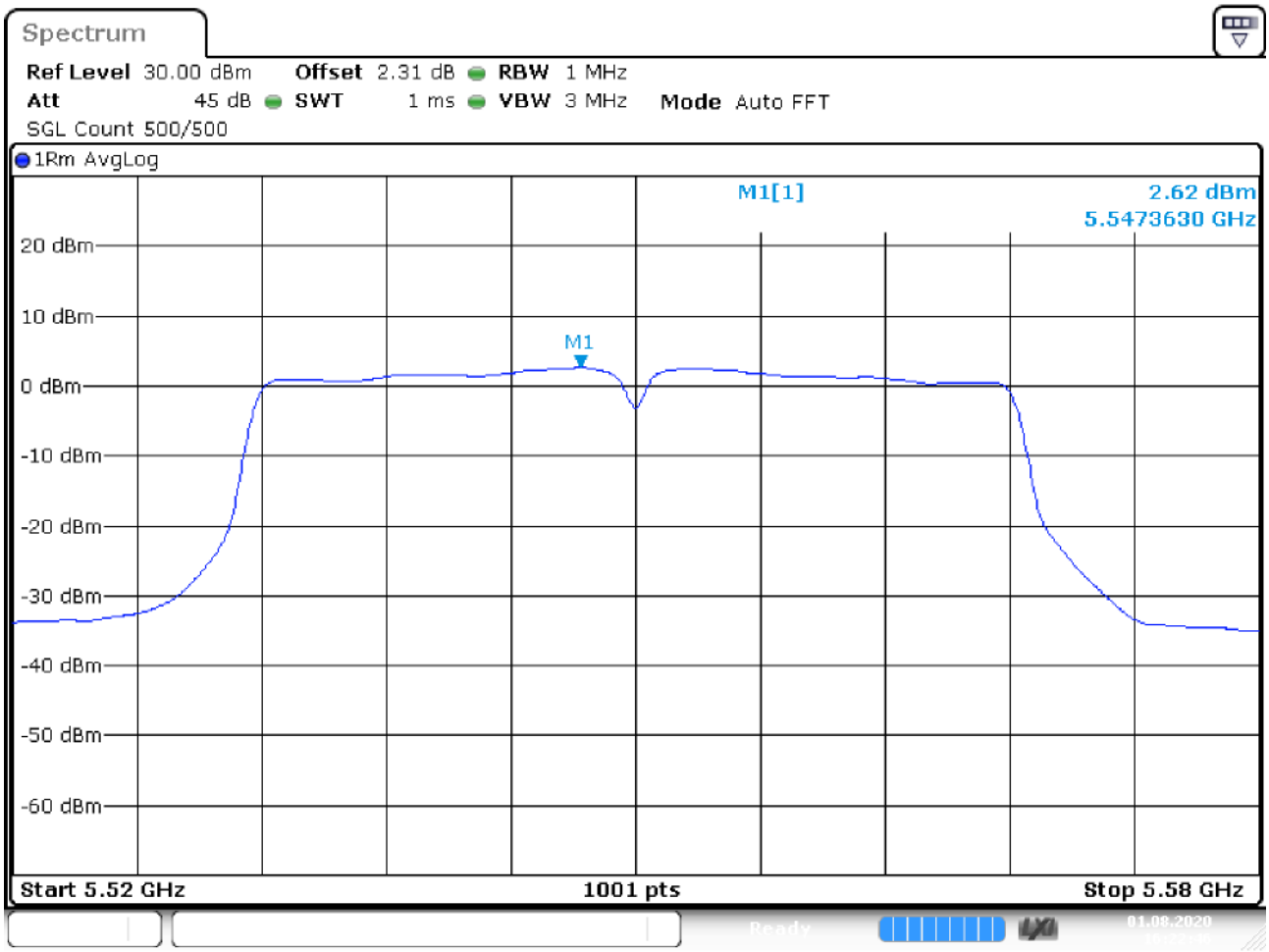
4.8.2.89 11AC40MIMO_110 ANT 1



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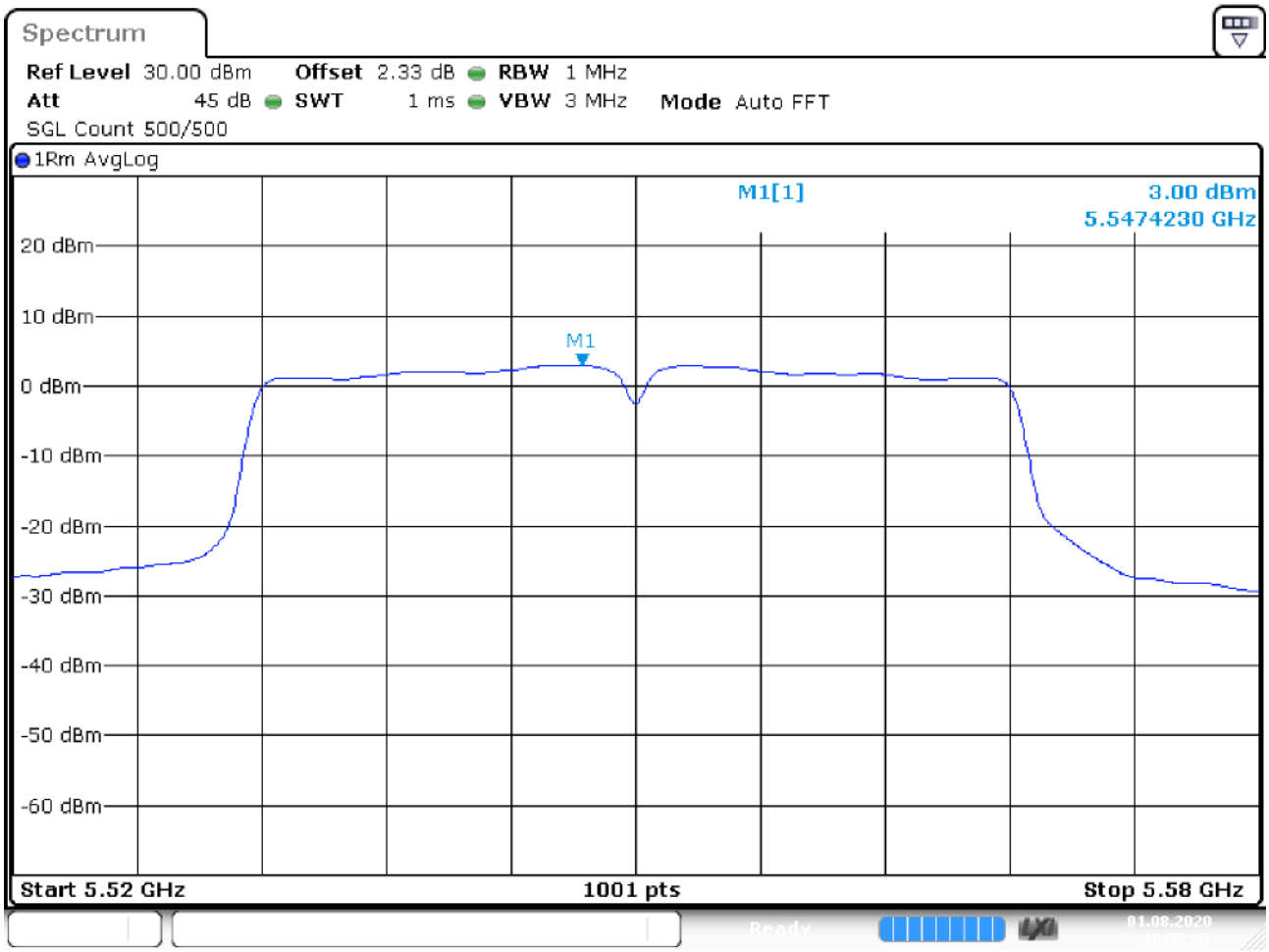
4.8.2.90 11AC40MIMO_110 ANT 2



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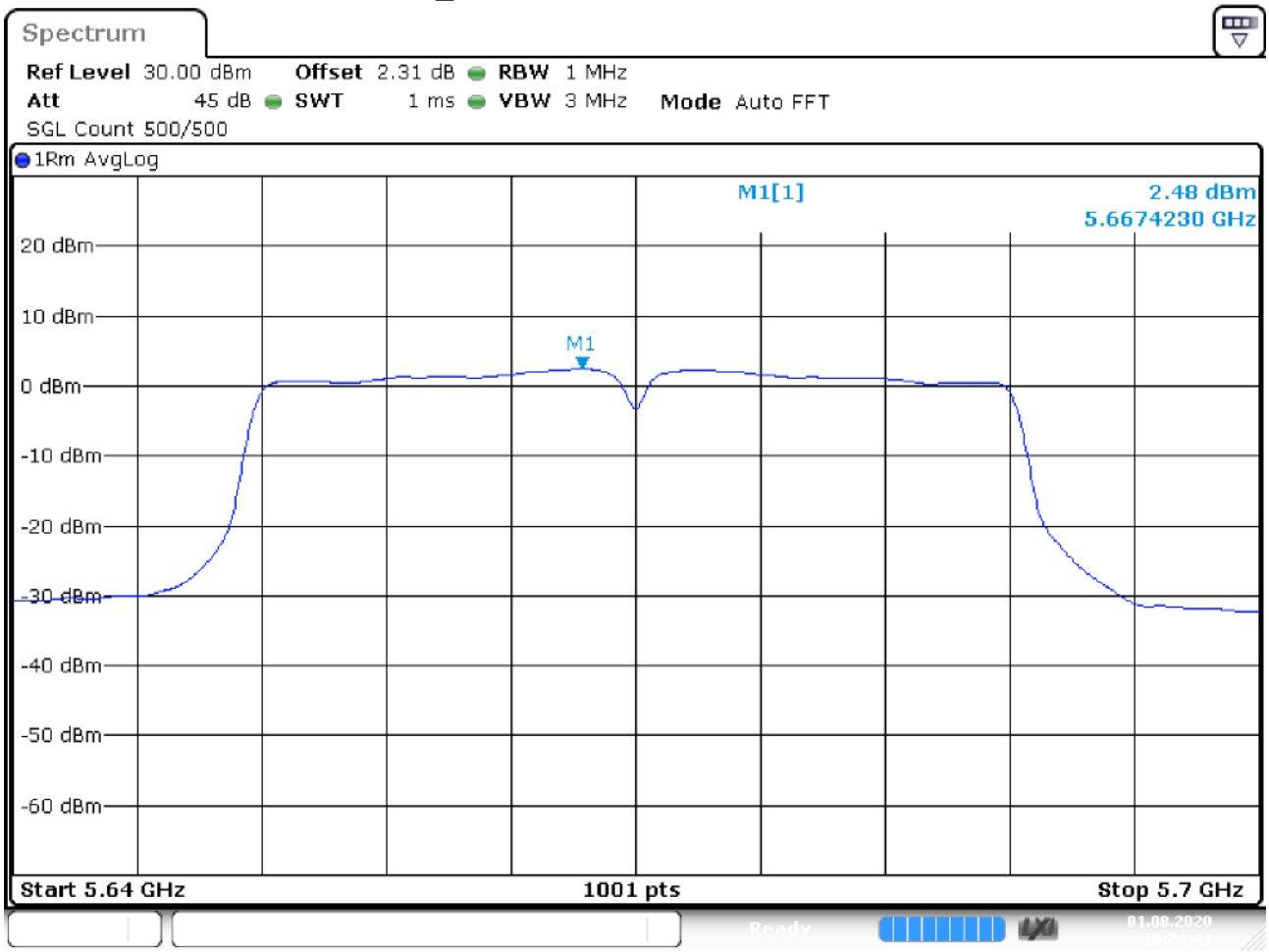
4.8.2.91 11AC40MIMO_134 ANT 1



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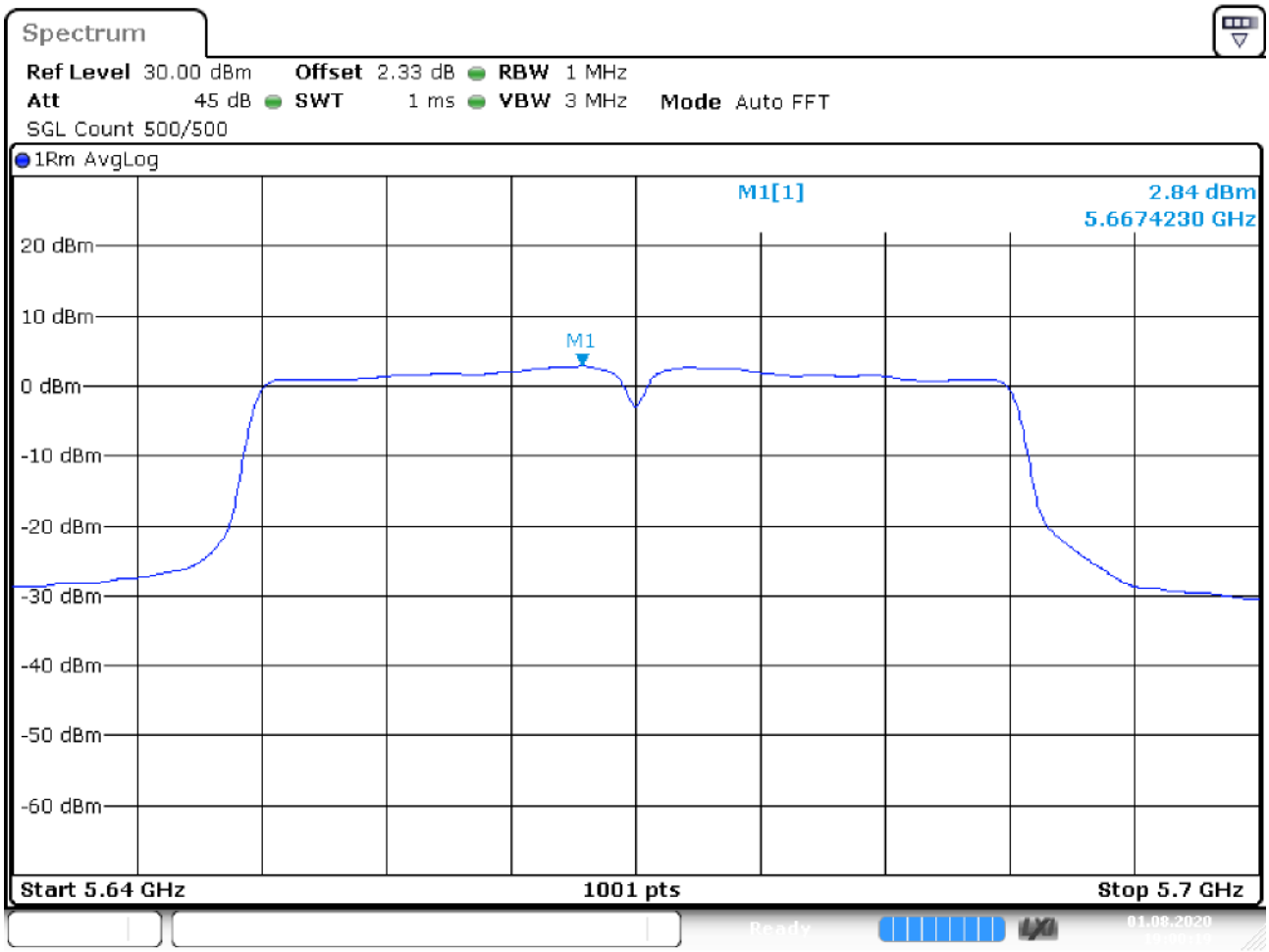
4.8.2.92 11AC40MIMO_134 ANT 2



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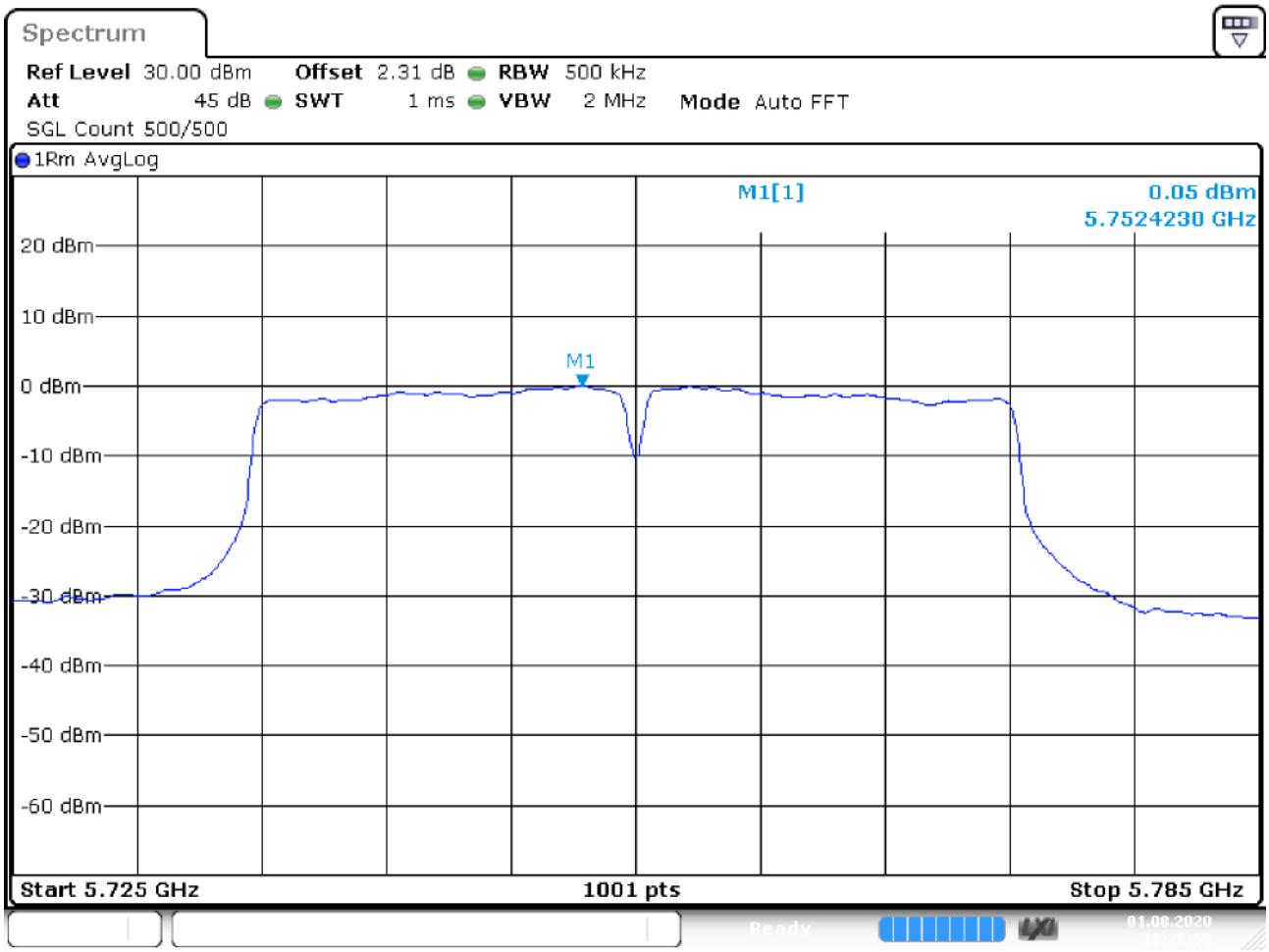
4.8.2.93 11AC40MIMO_151 ANT 1



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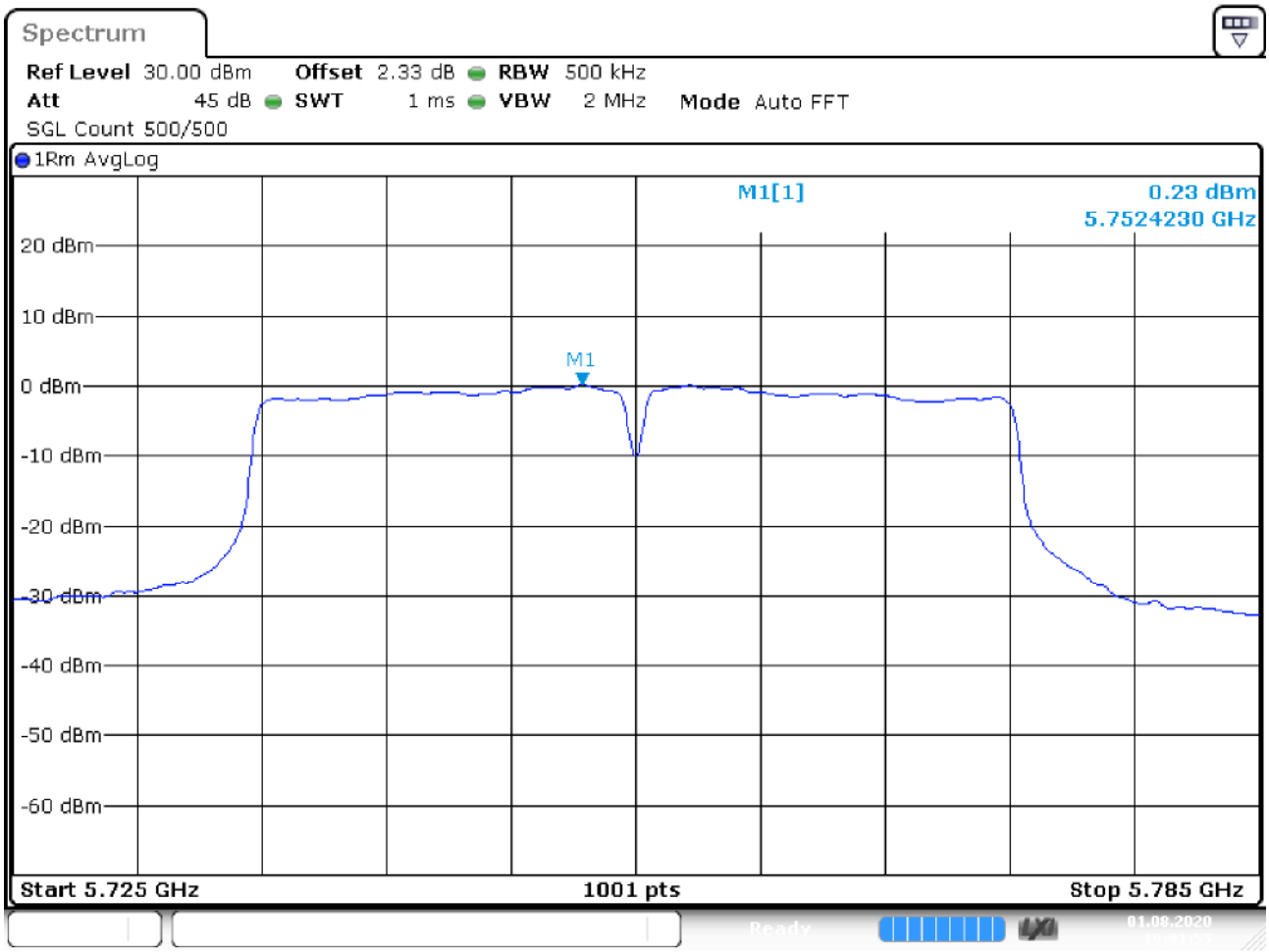
4.8.2.94 11AC40MIMO_151 ANT 2



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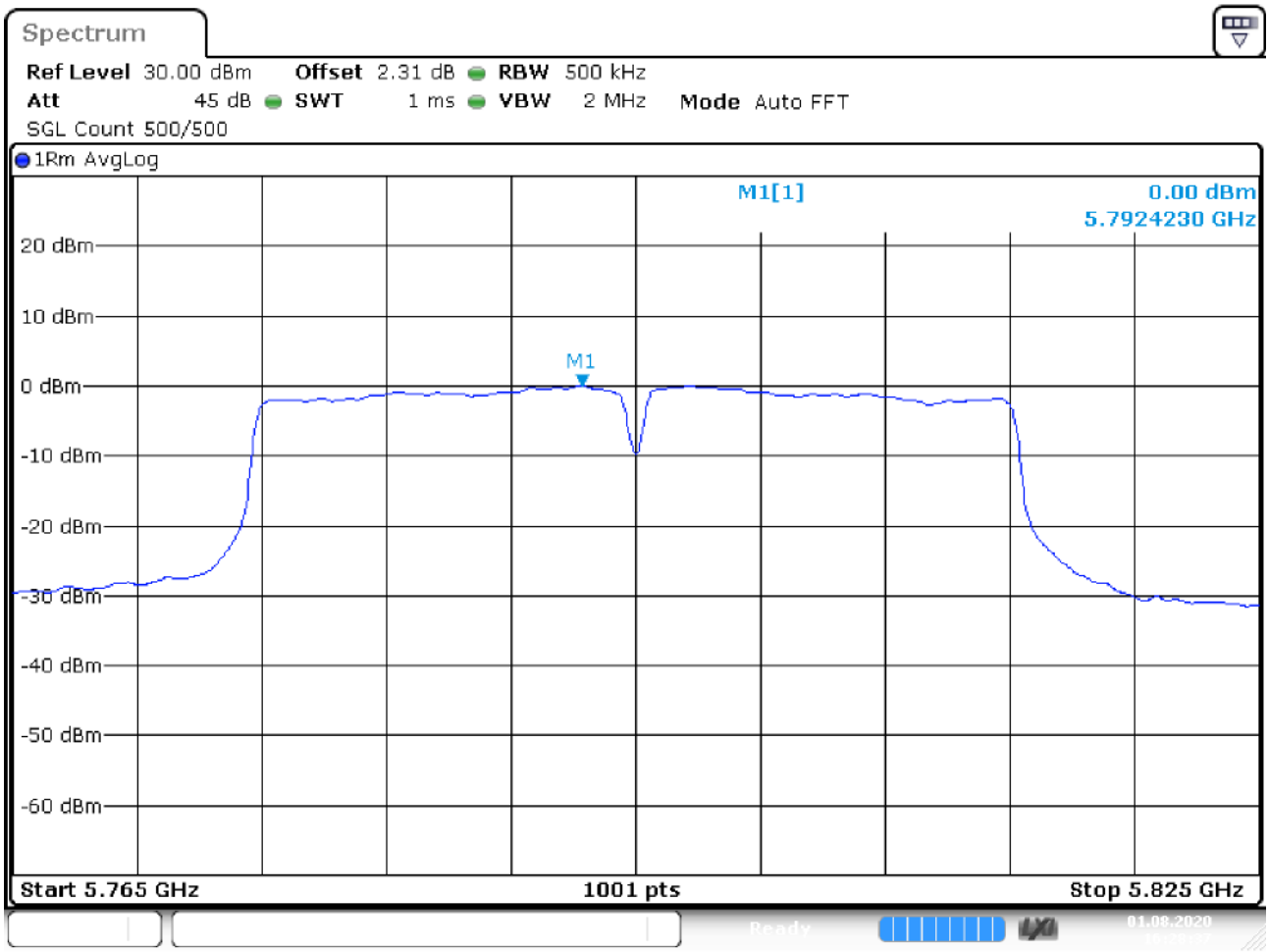
4.8.2.95 11AC40MIMO_159 ANT 1



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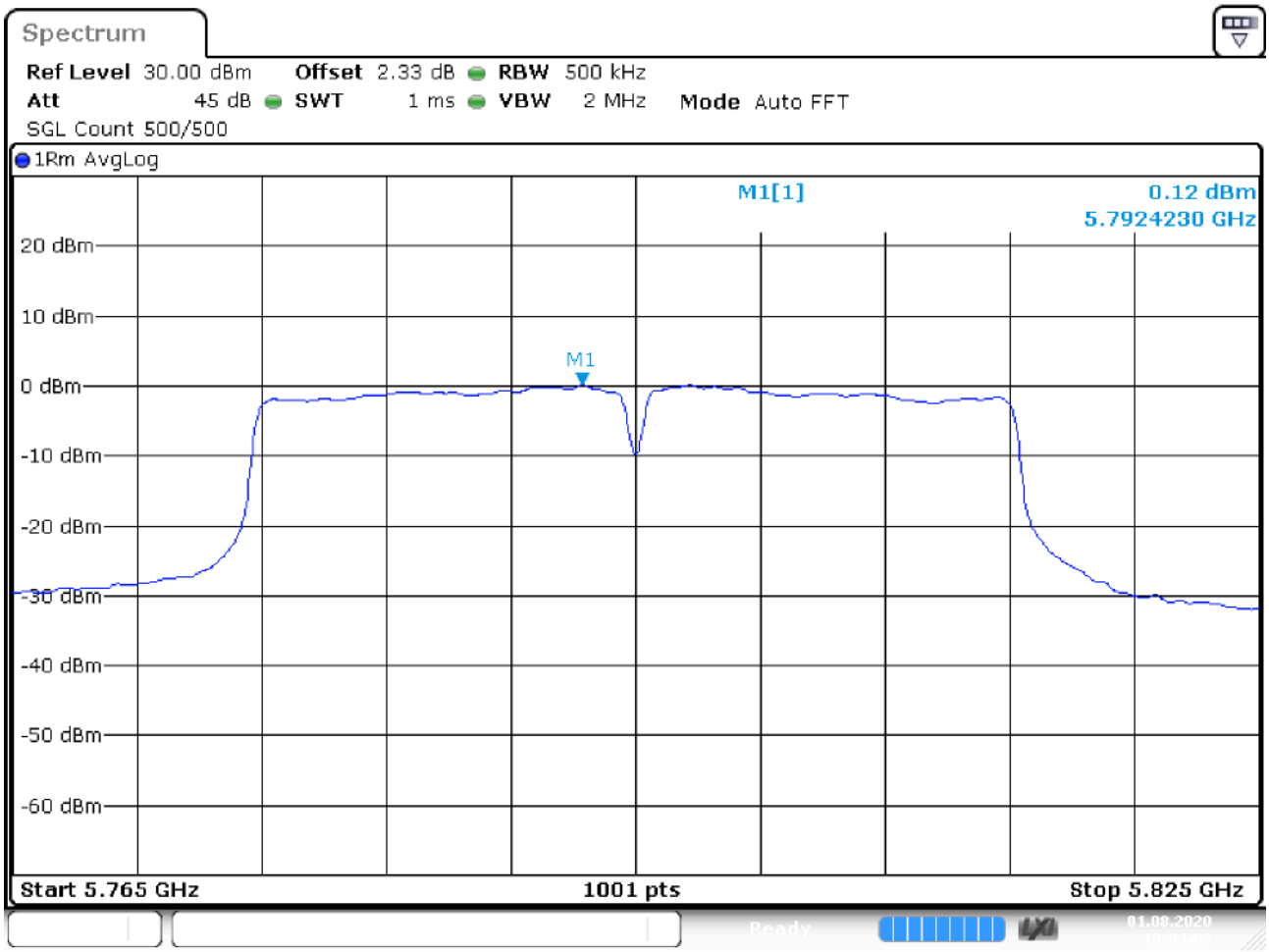
4.8.2.96 11AC40MIMO_159 ANT 2



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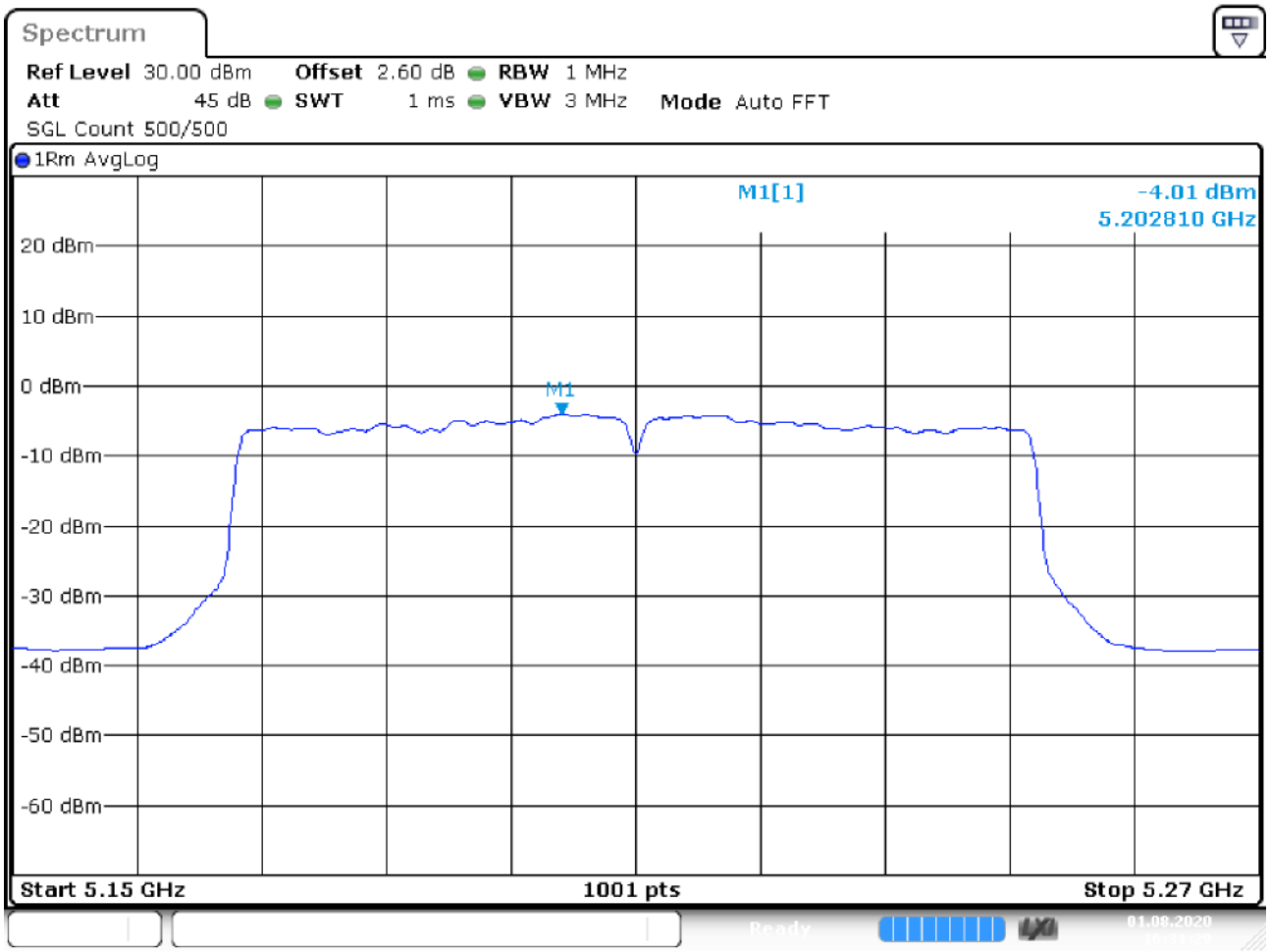
4.8.2.97 11AC80MIMO_42 ANT 1



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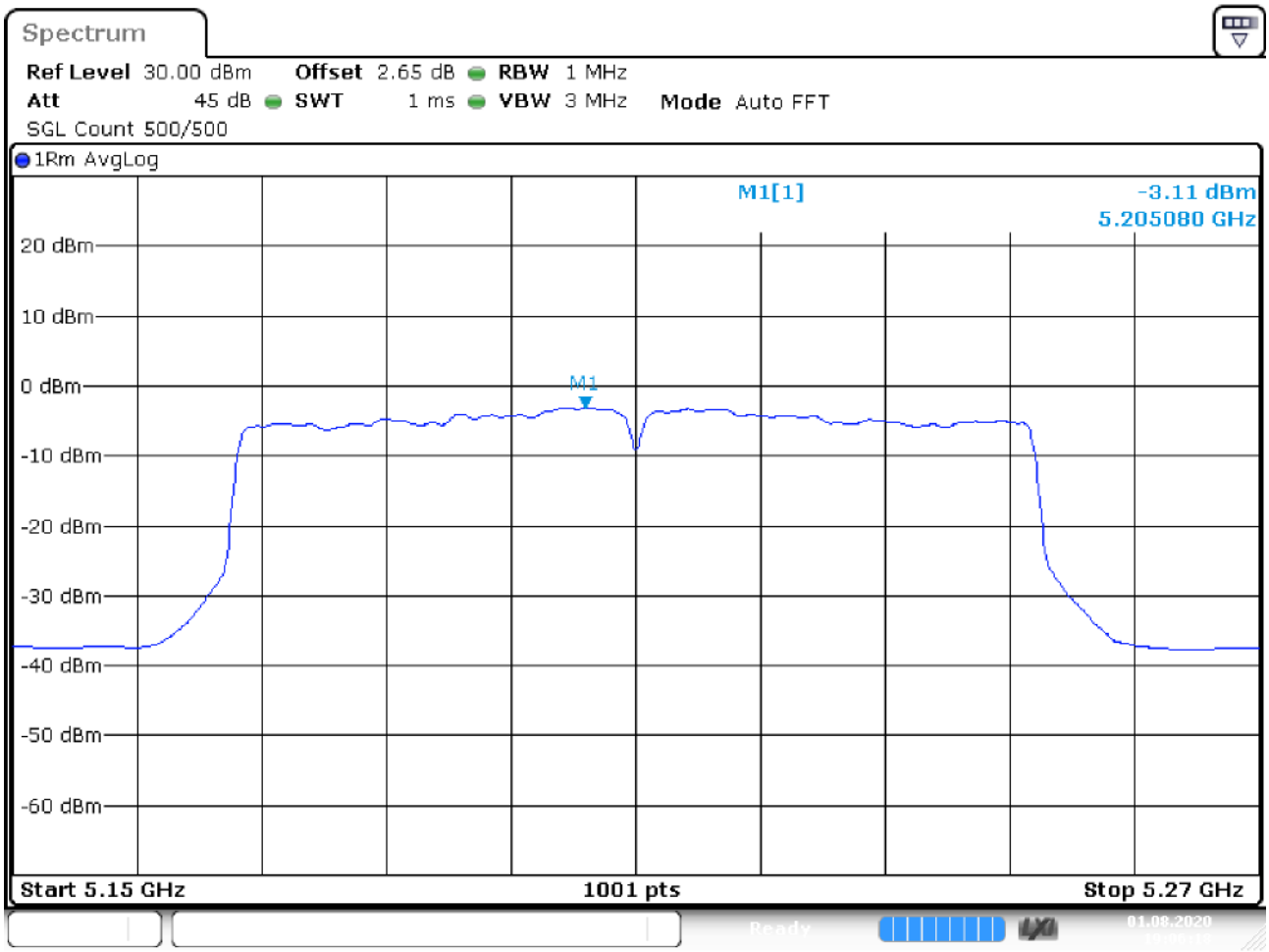
4.8.2.98 11AC80MIMO_42 ANT 2



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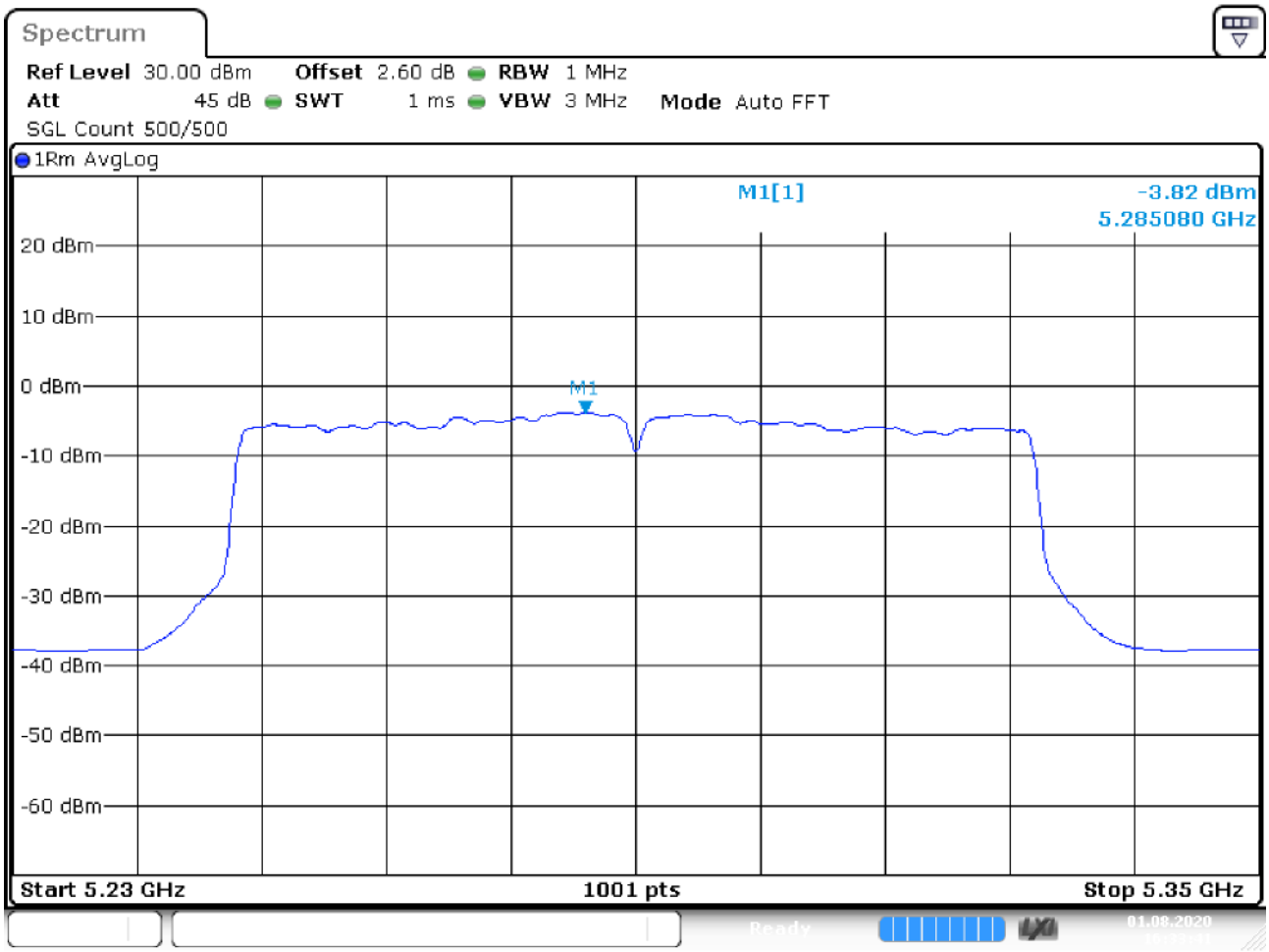
4.8.2.99 11AC80MIMO_58 ANT 1



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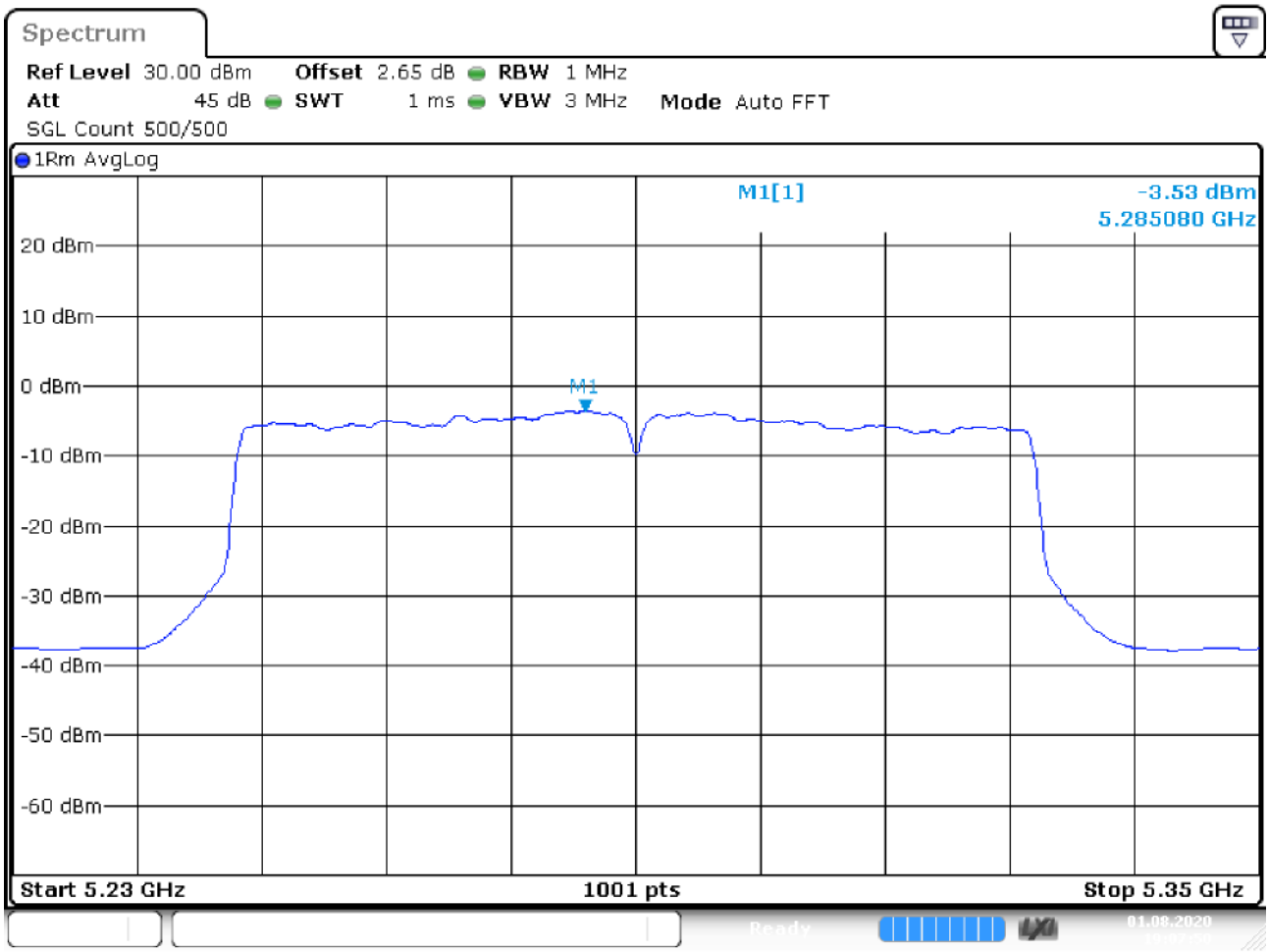
4.8.2.100 11AC80MIMO_58 ANT 2



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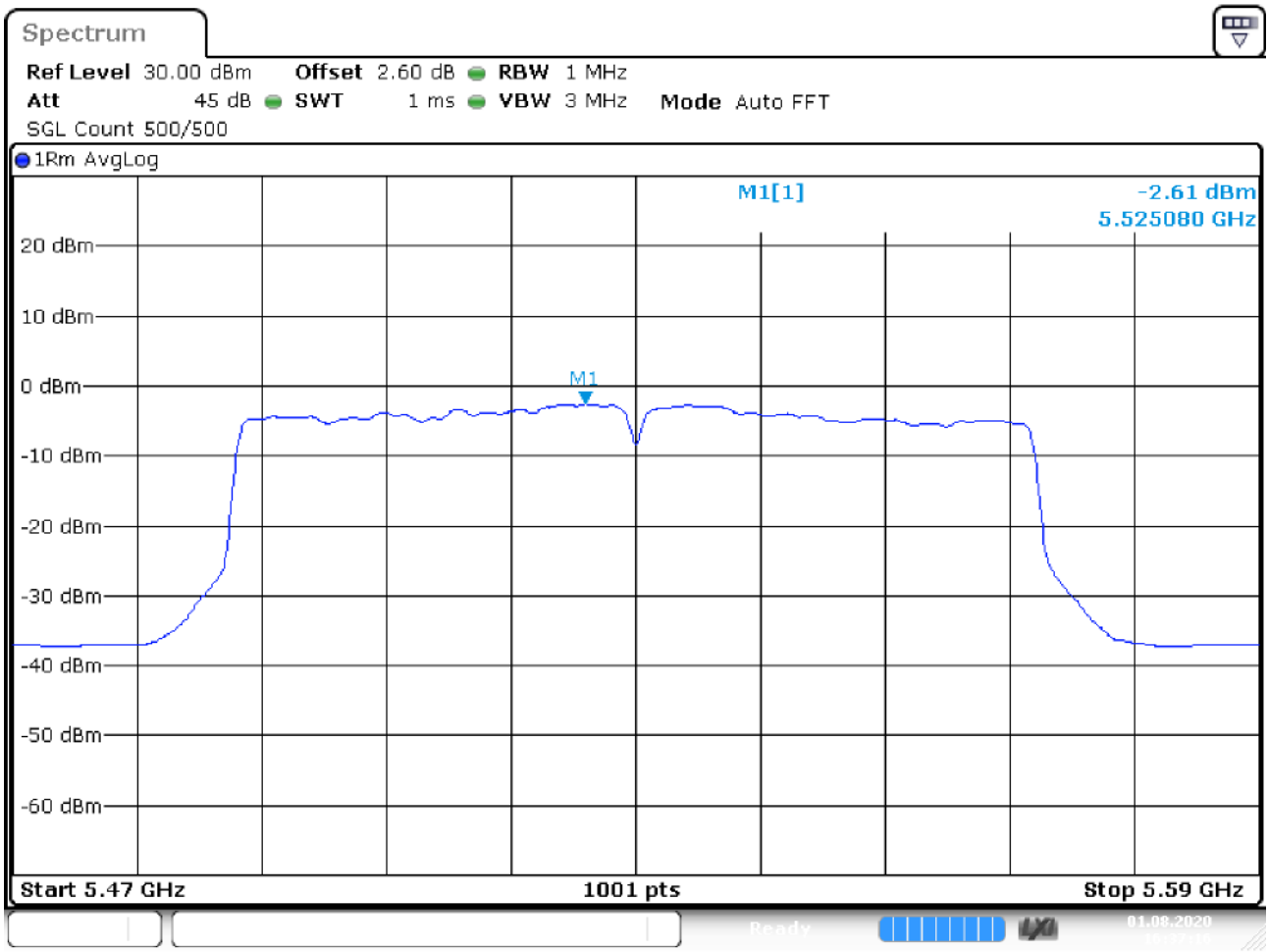
4.8.2.101 11AC80MIMO_106 ANT 1



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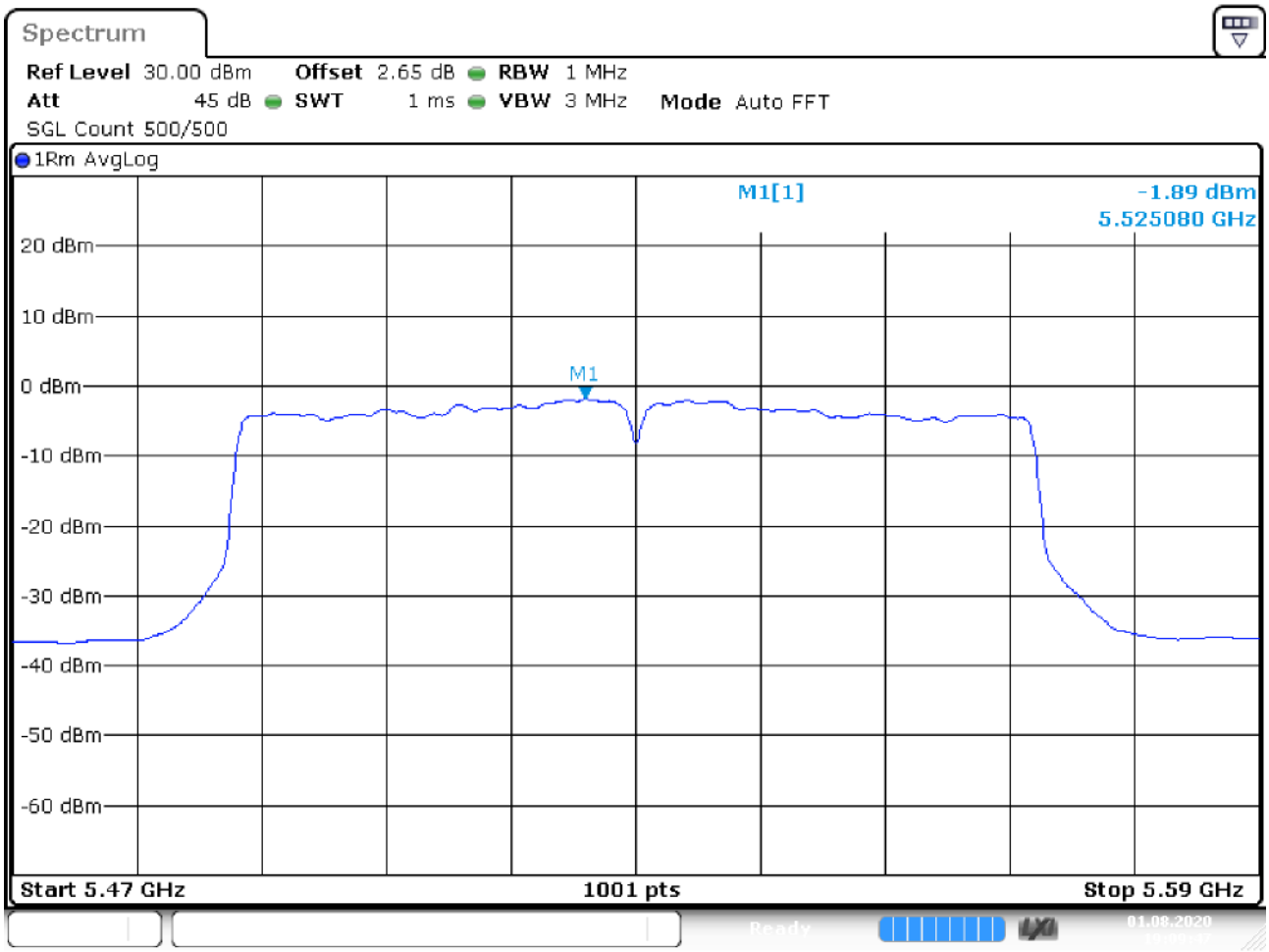
4.8.2.102 11AC80MIMO_106 ANT 2



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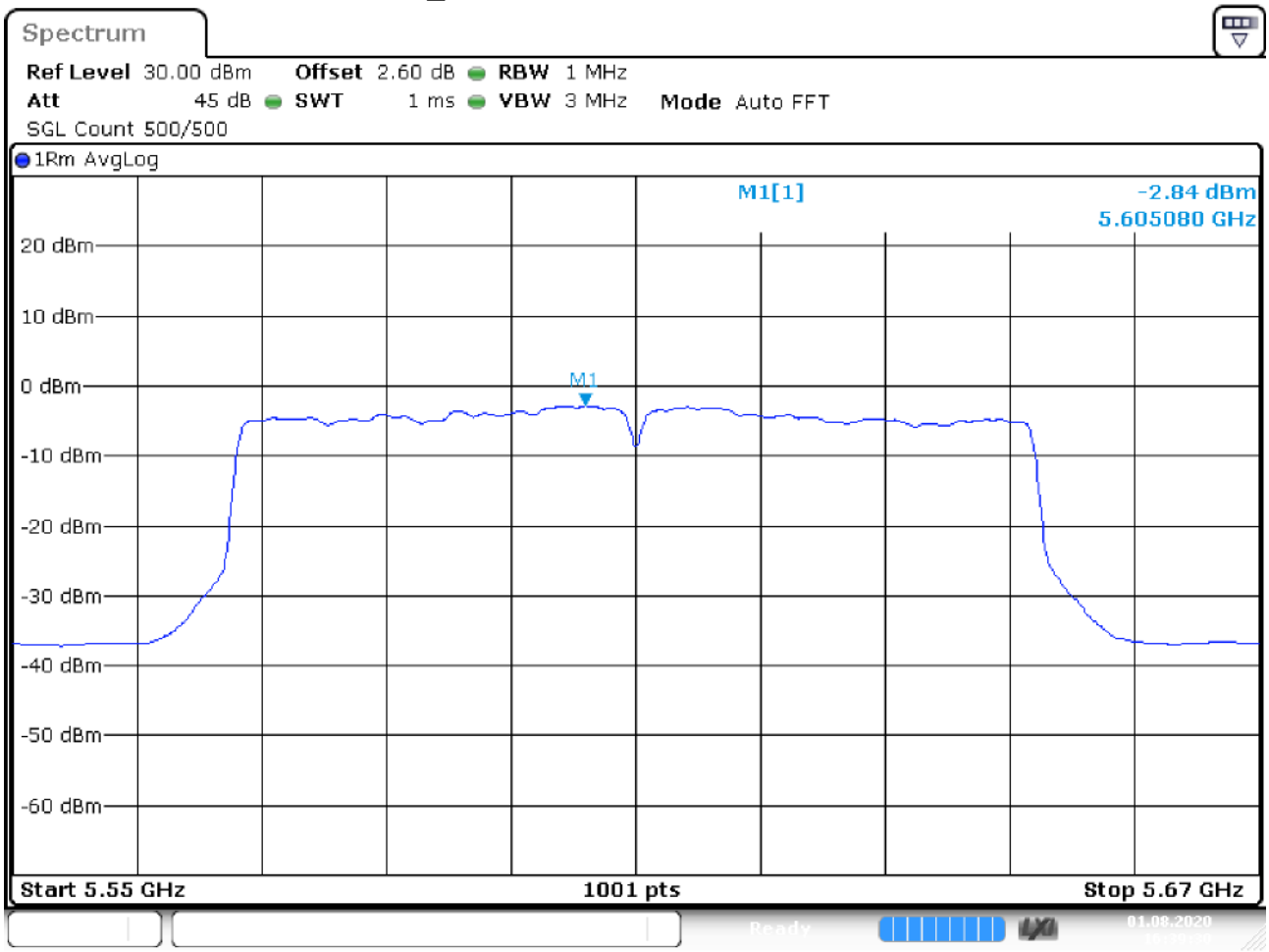
4.8.2.103 11AC80MIMO_122 ANT 1



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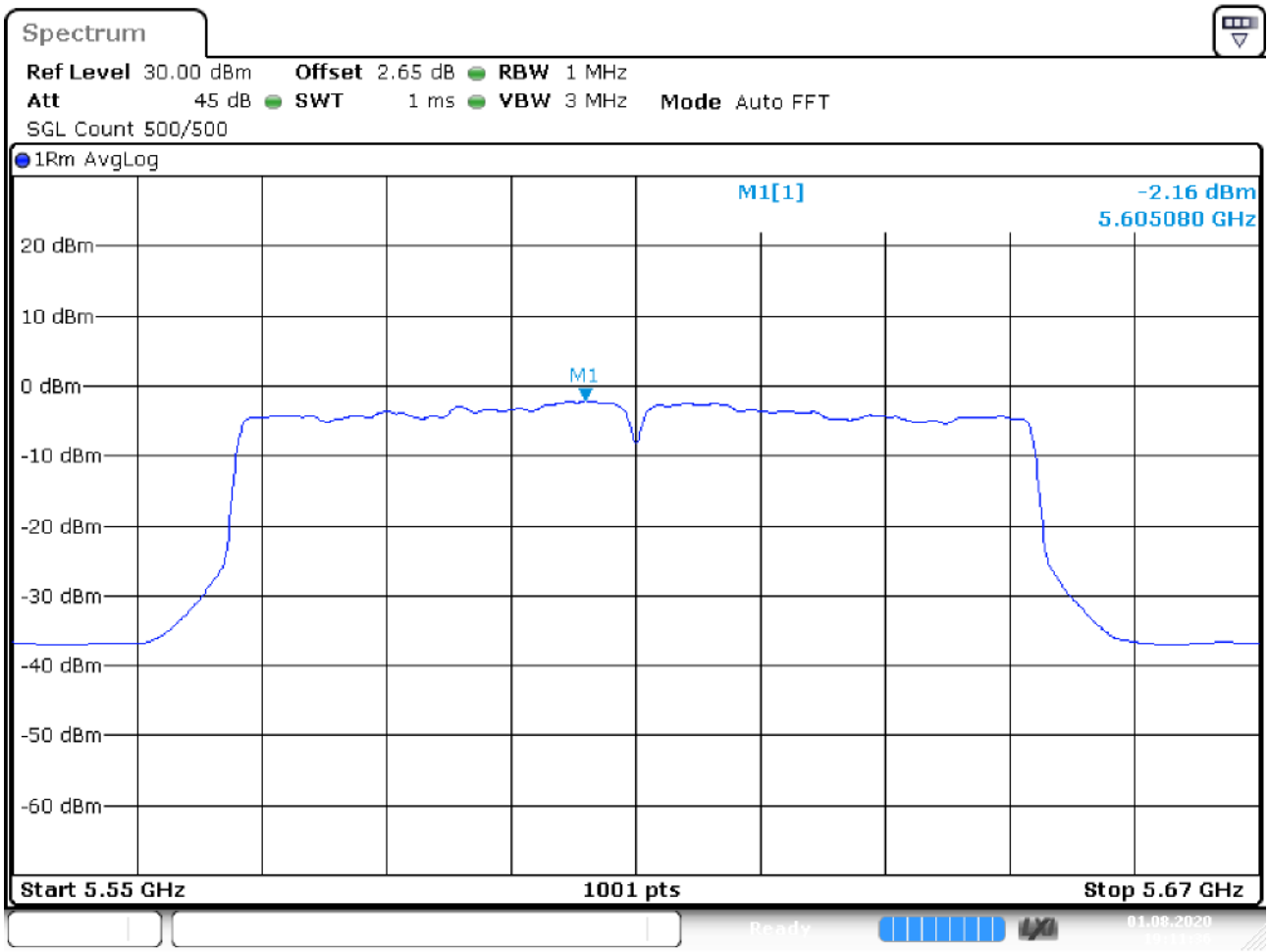
4.8.2.104 11AC80MIMO_122 ANT 2



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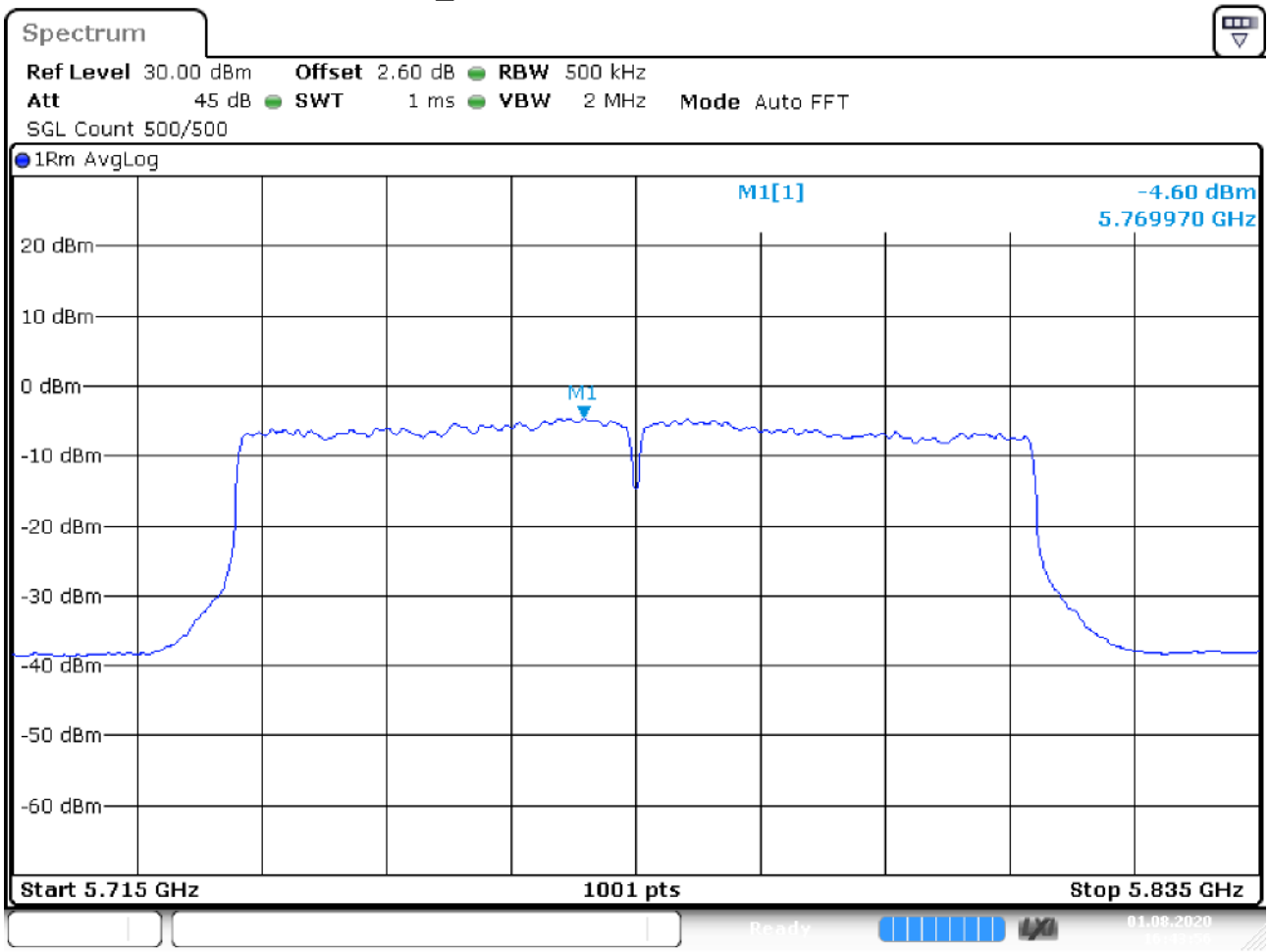
4.8.2.105 11AC80MIMO_155 ANT 1



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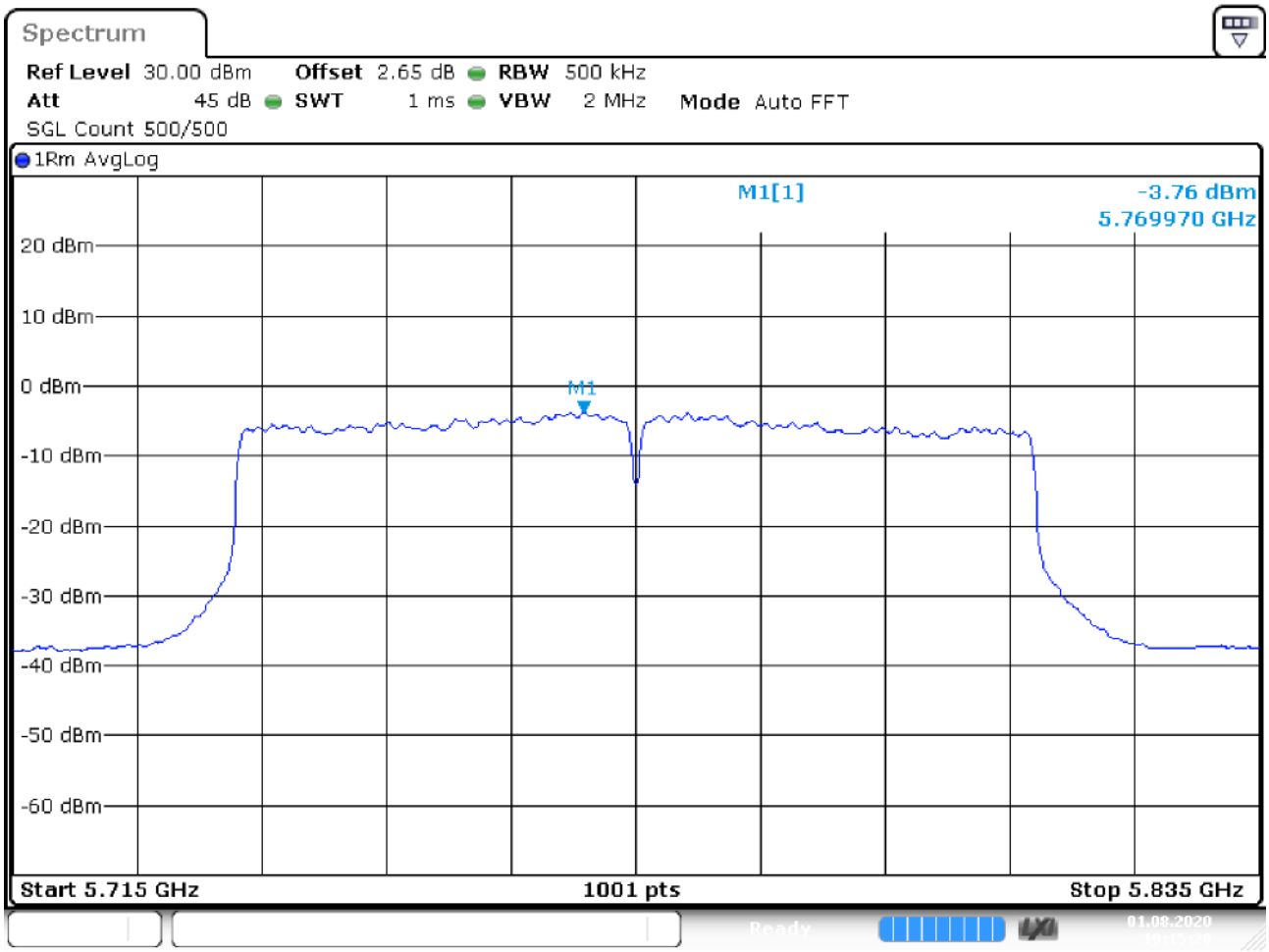
4.8.2.106 11AC80MIMO_155 ANT 2



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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:	

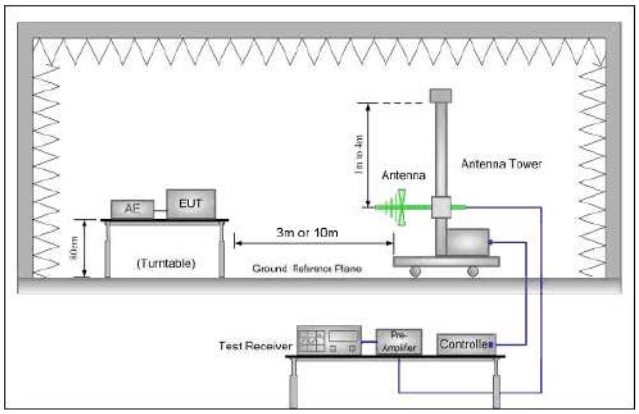

Figure 1. 30MHz to 1GHz

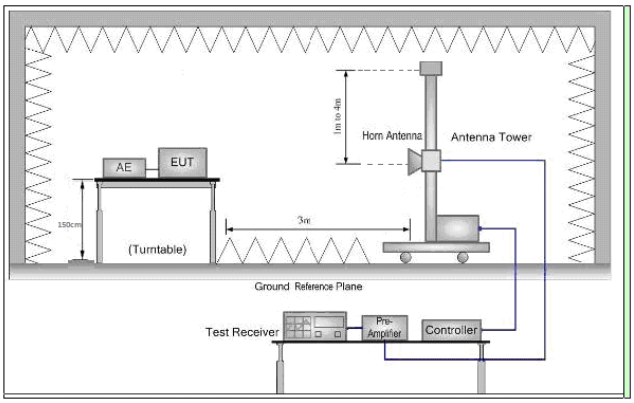

Figure 2. Above 1 GHz

Test Procedure:	a. 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 camber. The table was rotated 360 degrees to determine the position of the highest radiation. b. 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 camber. The table was rotated 360 degrees to determine the position of the highest radiation. c. 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. d. 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. e. 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. f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. g. Test the EUT in the outermost channels. h. 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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	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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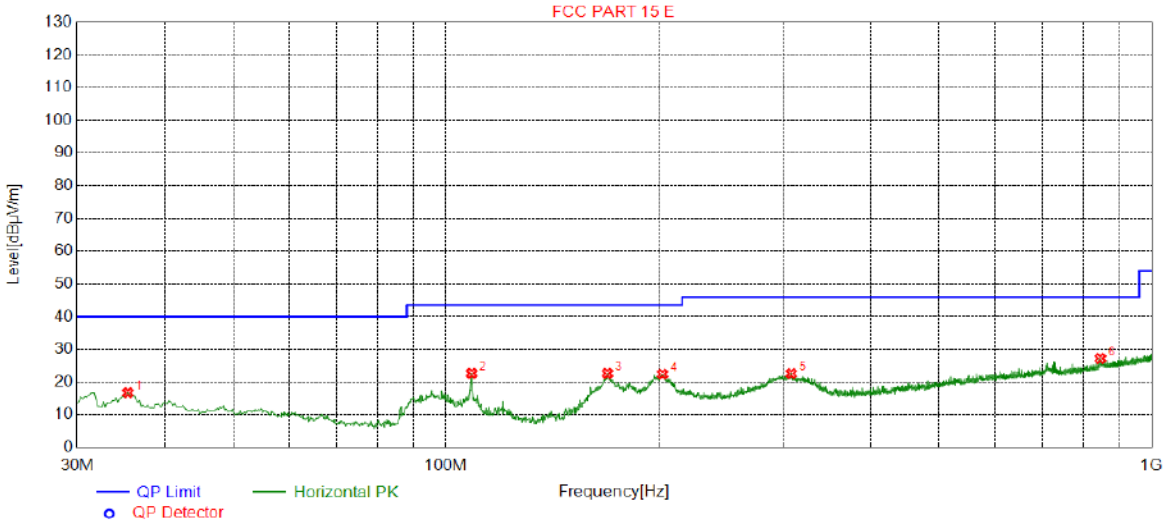
4.9.1 Radiated Emission below 1GHz

MIMO:

4.9.1.1 Charge + Transmitting

Project Information			
Mode:	5G WIFI	State:	
Environment:	Temp: 25℃; Humi:60%	Engineer:	

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	35.4331	16.75	-29.82	40.00	23.25	176	248	Horizontal
2	108.779	22.68	-32.00	43.50	20.82	187	52	Horizontal
3	169.319	22.67	-34.08	43.50	20.83	129	222	Horizontal
4	202.694	22.43	-31.13	43.50	21.07	157	61	Horizontal
5	308.639	22.60	-28.02	46.00	23.40	143	127	Horizontal
6	845.739	27.19	-16.96	46.00	18.81	234	22	Horizontal

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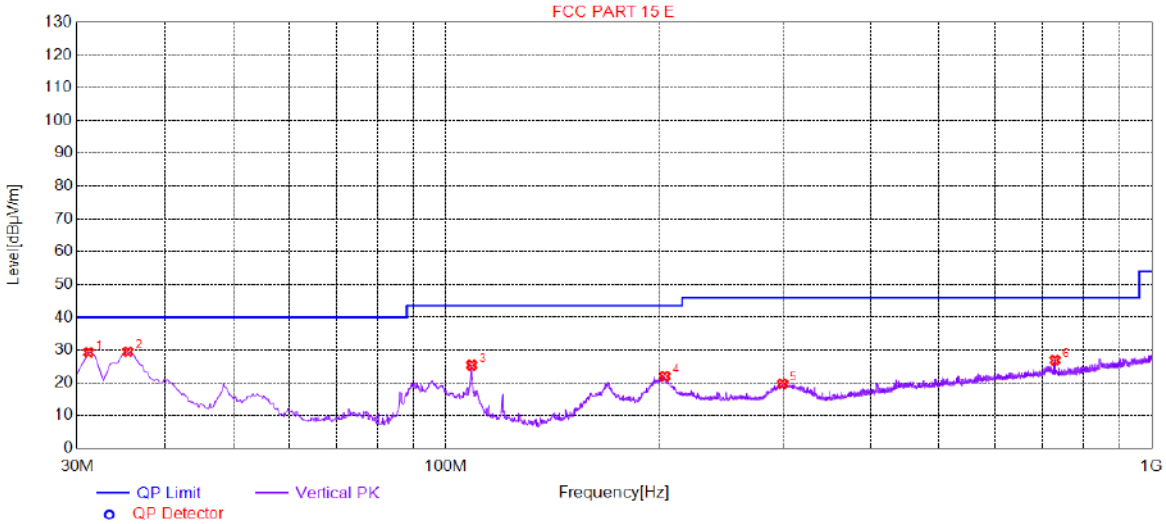
Project Information			
Mode:	5G WIFI	State:	
Environment:	Temp: 25℃; Humi:60%	Engineer:	

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	31.1642	29.30	-30.05	40.00	10.70	280	334	Vertical
2	35.4331	29.48	-29.82	40.00	10.52	202	6	Vertical
3	108.779	25.38	-32.00	43.50	18.12	217	150	Vertical
4	204.246	22.01	-31.10	43.50	21.49	198	41	Vertical
5	299.908	19.67	-28.26	46.00	26.33	250	0	Vertical
6	729.121	26.89	-18.82	46.00	19.11	216	163	Vertical

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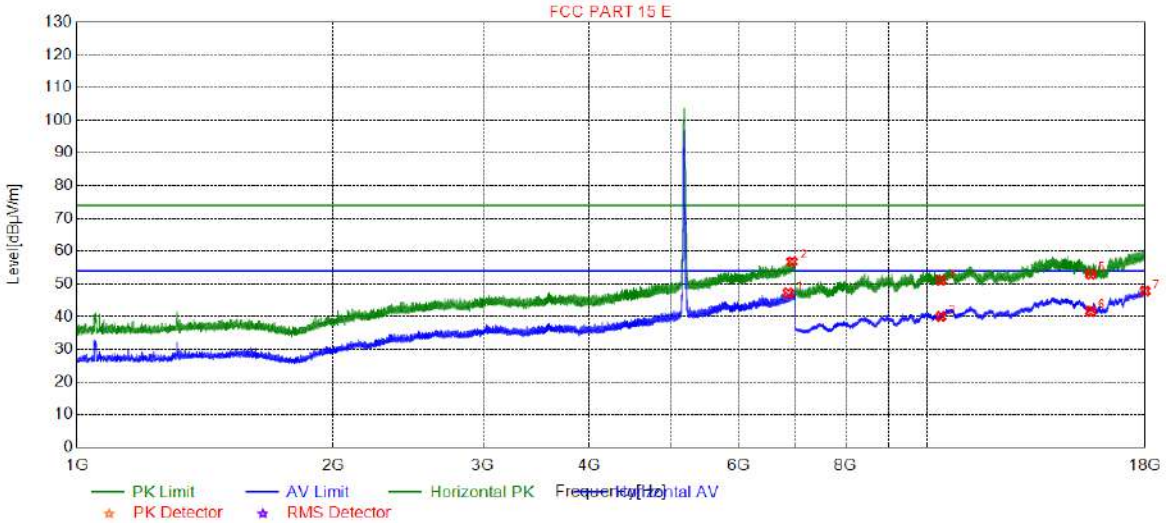
MIMO:

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	6853.89	47.25	20.88	54.00	6.75	179	320	Horizontal
2	6924.09	56.78	21.02	74.00	17.22	150	320	Horizontal
3	10360.0	40.08	-3.63	54.00	13.92	226	291	Horizontal
4	10360.0	51.03	-3.63	74.00	22.97	201	342	Horizontal
5	15540.0	52.99	0.46	74.00	21.01	143	241	Horizontal
6	15540.0	41.65	0.46	54.00	12.35	246	91	Horizontal
7	17995.5	47.81	1.72	54.00	6.19	149	291	Horizontal

Final Data List

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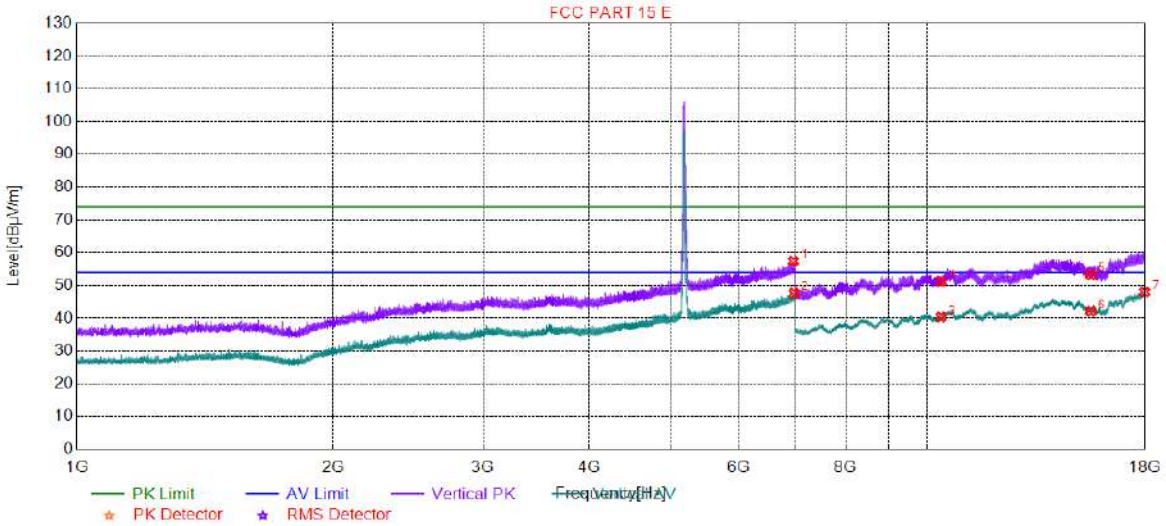
4.9.2.2 802.11A_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6946.29	57.39	21.22	74.00	16.61	291	0	Vertical
2	6961.89	47.62	21.26	54.00	6.38	241	291	Vertical
3	10360.0	40.37	-3.63	54.00	13.63	165	360	Vertical
4	10360.0	51.18	-3.63	74.00	22.82	226	268	Vertical
5	15540.0	53.27	0.46	74.00	20.73	192	318	Vertical
6	15540.0	42.14	0.46	54.00	11.86	172	18	Vertical
7	17973.0	47.99	1.71	54.00	6.01	200	268	Vertical

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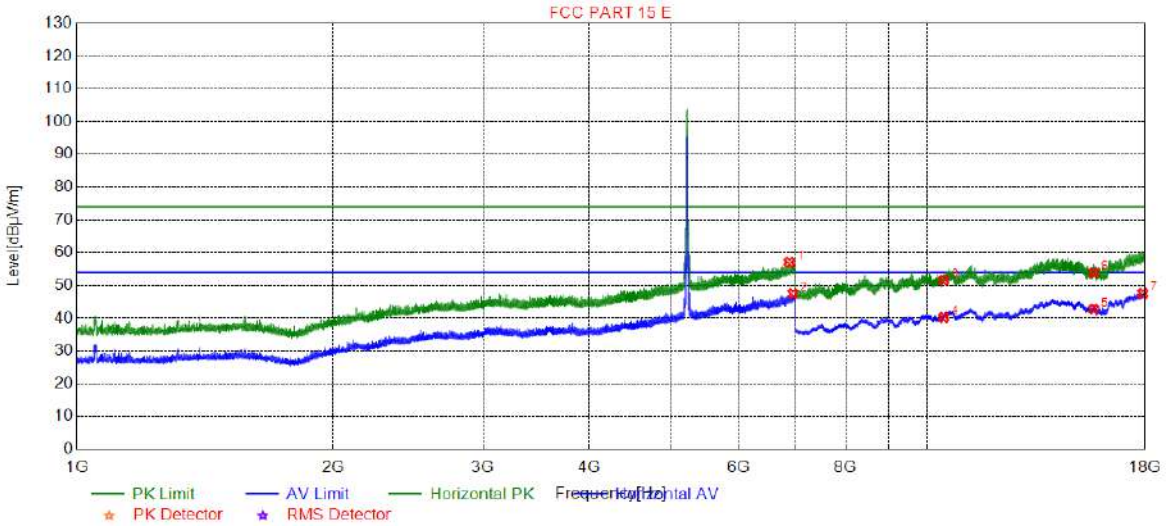
4.9.2.3 802.11A_Channel 44

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6874.89	57.05	20.85	74.00	16.95	231	170	Horizontal
2	6940.29	47.51	21.17	54.00	6.49	162	321	Horizontal
3	10440.0	51.61	-3.24	74.00	22.39	119	0	Horizontal
4	10440.0	40.26	-3.24	54.00	13.74	172	241	Horizontal
5	15660.0	42.79	0.43	54.00	11.21	236	90	Horizontal
6	15660.0	53.83	0.43	74.00	20.17	149	241	Horizontal
7	17891.0	47.57	1.57	54.00	6.43	139	140	Horizontal

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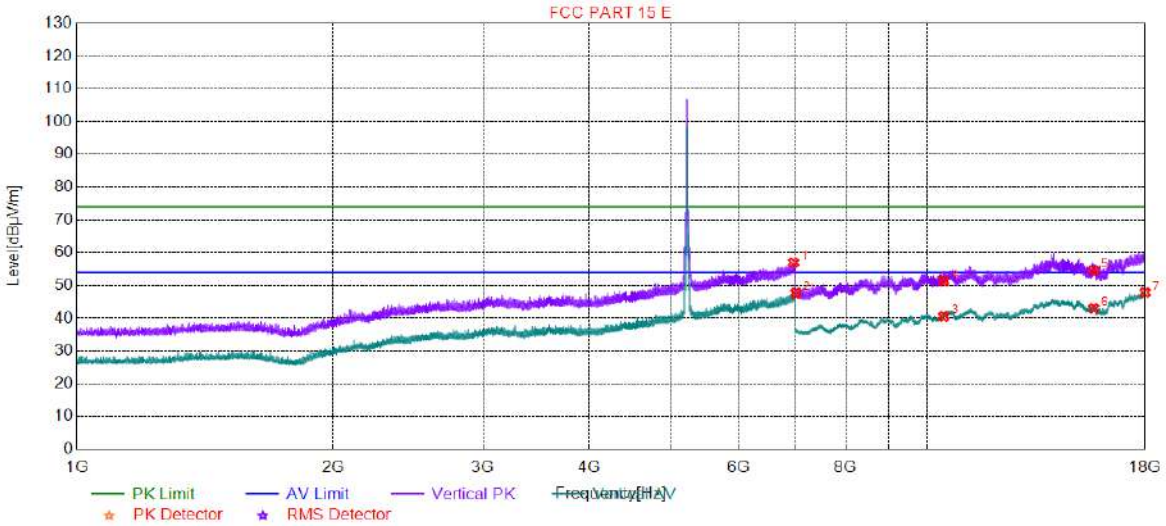
4.9.2.4 802.11A_Channel 44

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6950.79	56.97	21.26	74.00	17.03	209	140	Vertical
2	6996.99	47.68	21.27	54.00	6.32	186	342	Vertical
3	10440.0	40.56	-3.24	54.00	13.44	212	270	Vertical
4	10440.0	51.38	-3.24	74.00	22.62	239	119	Vertical
5	15660.0	54.64	0.43	74.00	19.36	284	320	Vertical
6	15660.0	43.05	0.43	54.00	10.95	230	169	Vertical
7	17997.7	47.84	1.72	54.00	6.16	261	219	Vertical

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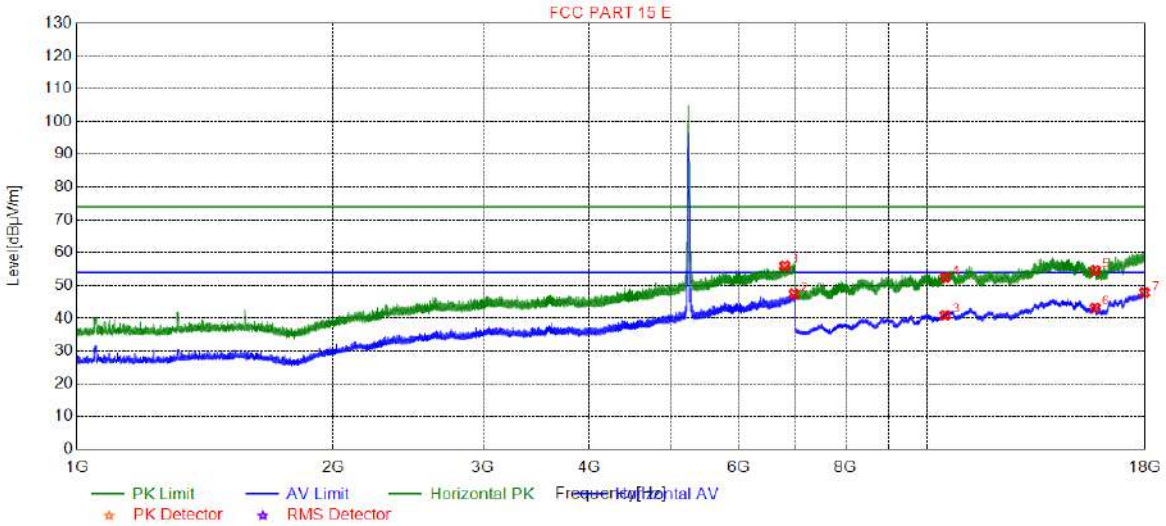
4.9.2.5 802.11A_Channel 48

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6790.88	55.94	20.44	74.00	18.06	188	321	Horizontal
2	6959.79	47.43	21.26	54.00	6.57	174	68	Horizontal
3	10480.0	40.90	-2.94	54.00	13.10	176	192	Horizontal
4	10480.0	52.44	-2.94	74.00	21.56	114	0	Horizontal
5	15720.0	54.55	0.29	74.00	19.45	171	242	Horizontal
6	15720.0	43.15	0.29	54.00	10.85	203	242	Horizontal
7	17970.2	47.81	1.71	54.00	6.19	225	141	Horizontal

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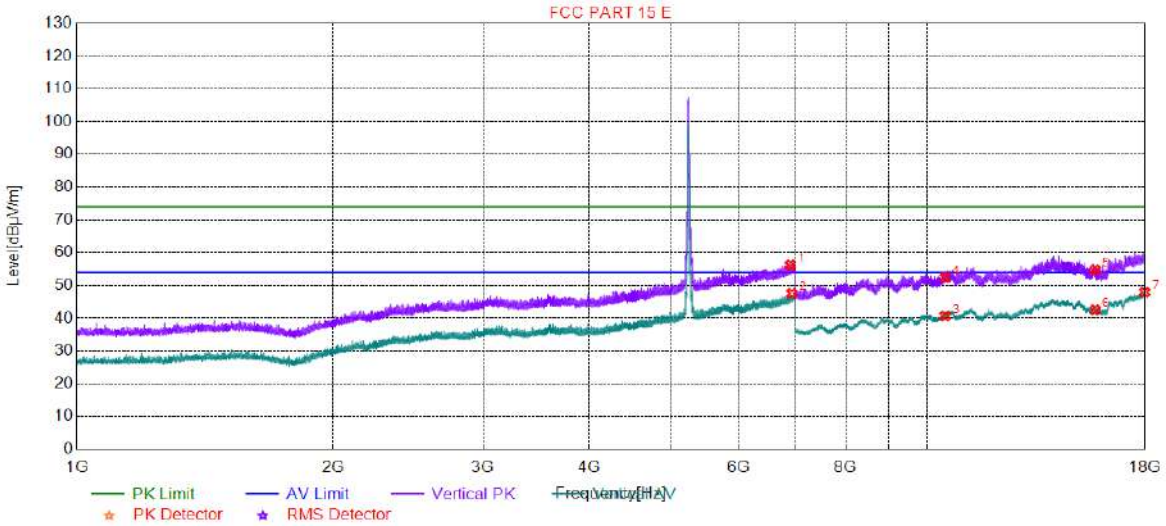
4.9.2.6 802.11A_Channel 48

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6894.99	56.22	20.82	74.00	17.78	270	0	Vertical
2	6918.99	47.57	20.98	54.00	6.43	187	191	Vertical
3	10480.0	40.68	-2.94	54.00	13.32	184	175	Vertical
4	10480.0	52.48	-2.94	74.00	21.52	159	327	Vertical
5	15720.0	54.76	0.29	74.00	19.24	180	226	Vertical
6	15720.0	42.55	0.29	54.00	11.45	237	125	Vertical
7	17975.7	47.93	1.71	54.00	6.07	251	125	Vertical

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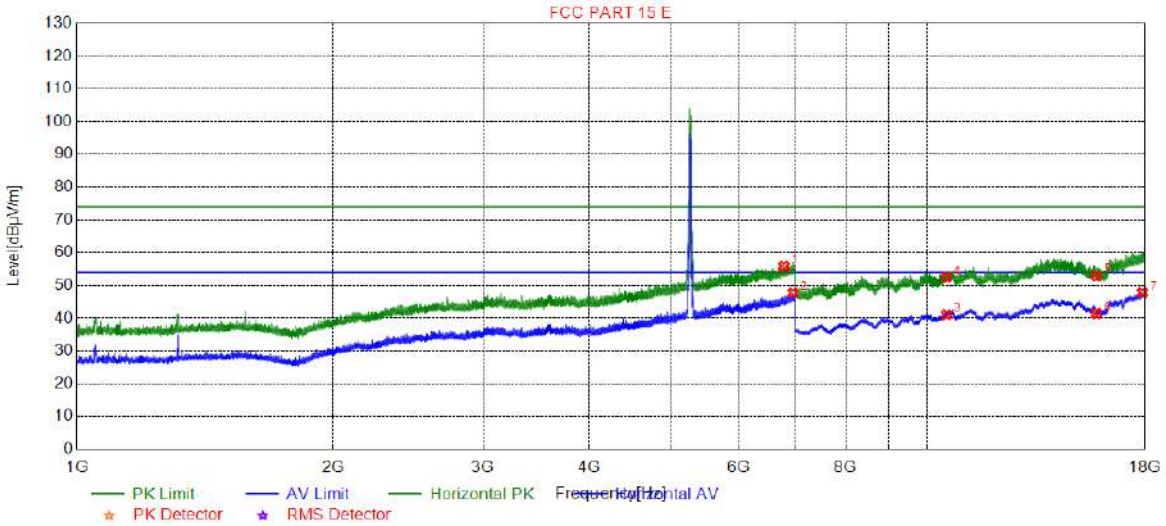
4.9.2.7 802.11A_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6775.28	55.87	20.52	74.00	18.13	226	220	Horizontal
2	6939.09	47.73	21.16	54.00	6.27	107	360	Horizontal
3	10520.0	41.09	-2.80	54.00	12.91	149	242	Horizontal
4	10520.0	52.55	-2.80	74.00	21.45	116	91	Horizontal
5	15780.0	52.93	-0.72	74.00	21.07	121	342	Horizontal
6	15780.0	41.44	-0.72	54.00	12.56	208	141	Horizontal
7	17874.0	47.79	1.35	54.00	6.21	215	141	Horizontal

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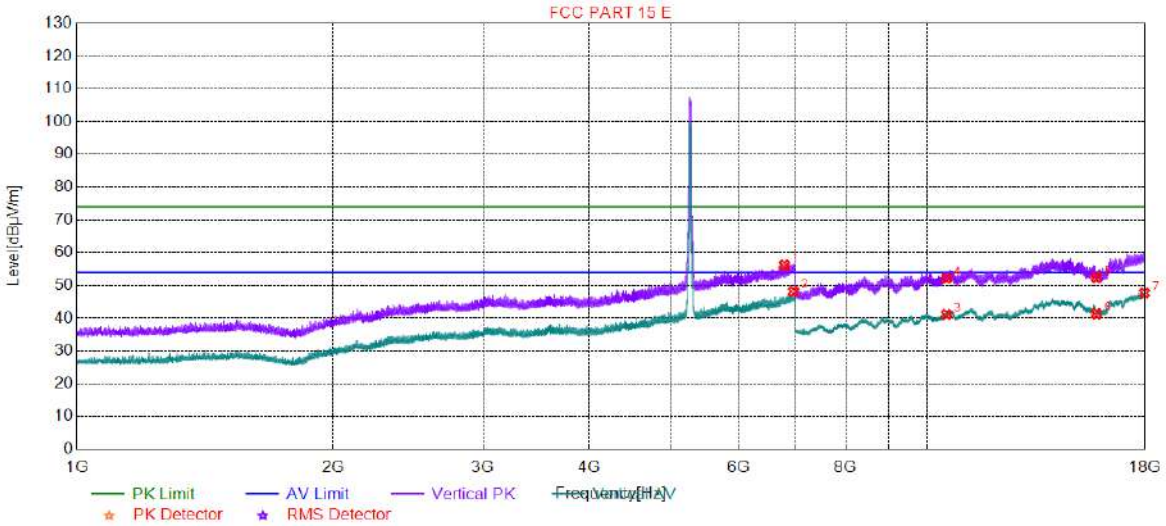
4.9.2.8 802.11A_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6781.88	56.22	20.49	74.00	17.78	155	140	Vertical
2	6949.59	48.16	21.25	54.00	5.84	255	39	Vertical
3	10520.0	41.15	-2.80	54.00	12.85	243	18	Vertical
4	10520.0	52.16	-2.80	74.00	21.84	213	320	Vertical
5	15780.0	52.41	-0.72	74.00	21.59	152	269	Vertical
6	15780.0	41.36	-0.72	54.00	12.64	288	219	Vertical
7	17965.8	47.69	1.71	54.00	6.31	266	18	Vertical

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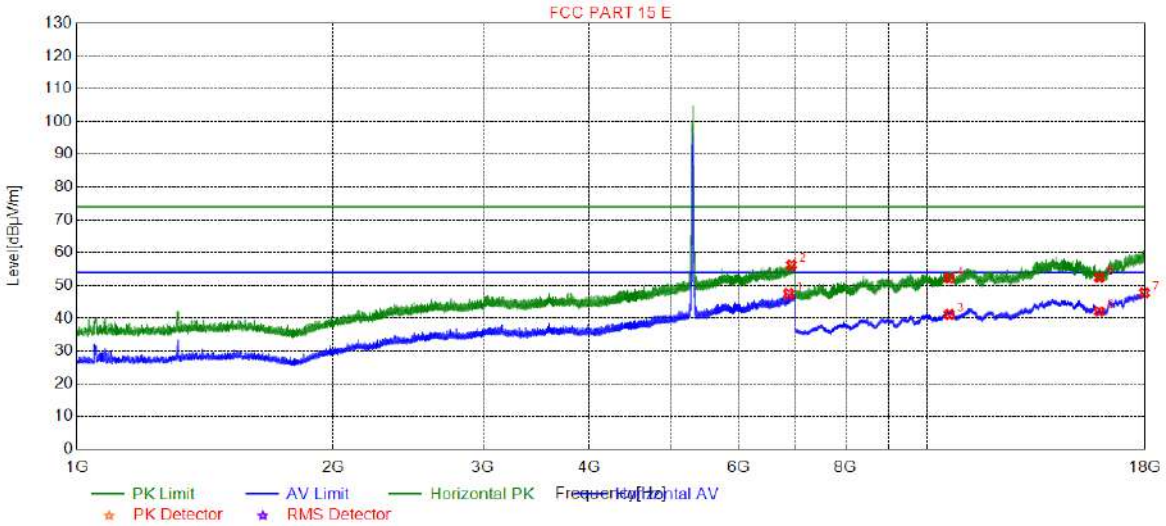
4.9.2.9 802.11A_Channel 60

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6863.49	47.47	20.86	54.00	6.53	112	321	Horizontal
2	6914.49	56.24	20.94	74.00	17.76	188	360	Horizontal
3	10600.0	41.17	-2.86	54.00	12.83	122	191	Horizontal
4	10600.0	52.23	-2.86	74.00	21.77	216	90	Horizontal
5	15900.0	52.40	-0.51	74.00	21.60	203	241	Horizontal
6	15900.0	42.03	-0.51	54.00	11.97	155	0	Horizontal
7	17967.5	47.74	1.71	54.00	6.26	192	191	Horizontal

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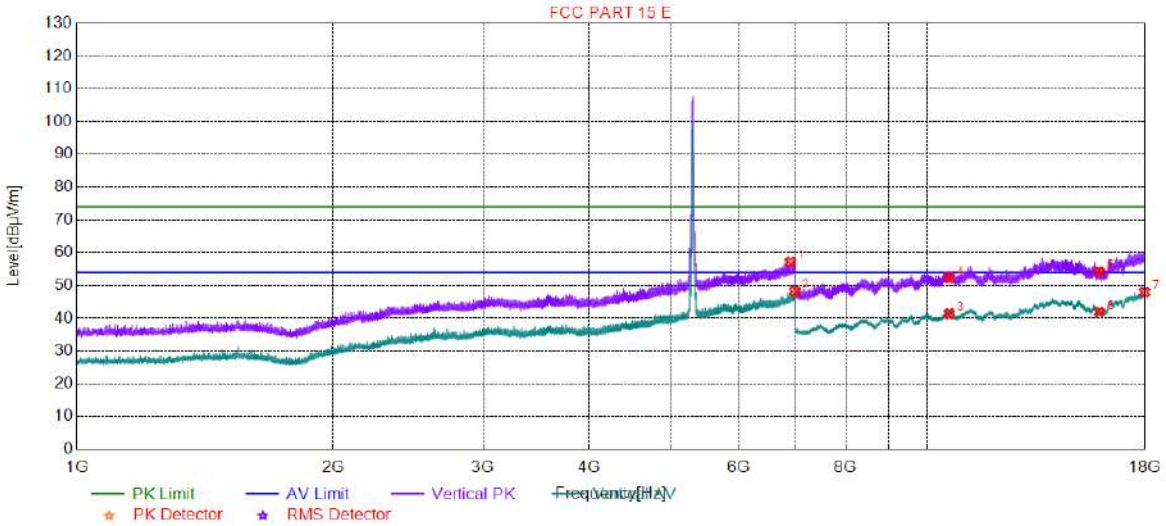
4.9.2.10 802.11A_Channel 60

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6894.99	57.12	20.82	74.00	16.88	253	0	Vertical
2	6973.89	48.21	21.26	54.00	5.79	153	90	Vertical
3	10600.0	41.41	-2.86	54.00	12.59	202	219	Vertical
4	10600.0	52.31	-2.86	74.00	21.69	155	119	Vertical
5	15900.0	54.13	-0.51	74.00	19.87	155	168	Vertical
6	15900.0	41.89	-0.51	54.00	12.11	170	360	Vertical
7	17970.8	47.95	1.71	54.00	6.05	292	219	Vertical

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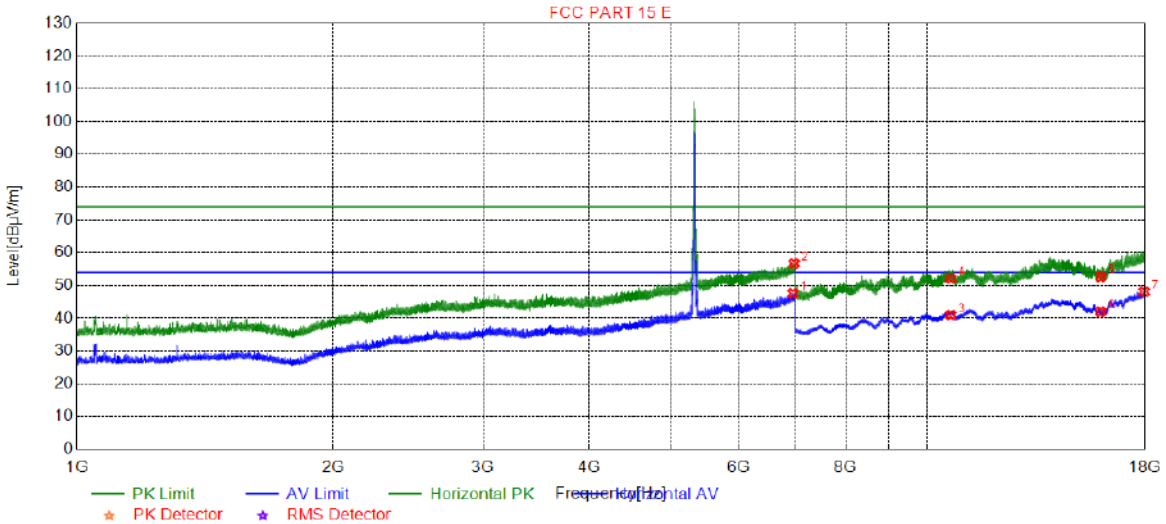
4.9.2.11 802.11A_Channel 64

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6939.39	47.60	21.16	54.00	6.40	135	271	Horizontal
2	6960.99	56.69	21.26	74.00	17.31	185	322	Horizontal
3	10640.0	40.97	-2.84	54.00	13.03	242	291	Horizontal
4	10640.0	52.13	-2.84	74.00	21.87	248	92	Horizontal
5	15960.0	52.64	-0.61	74.00	21.36	199	0	Horizontal
6	15960.0	41.97	-0.61	54.00	12.03	117	41	Horizontal
7	17953.2	48.11	1.71	54.00	5.89	194	342	Horizontal

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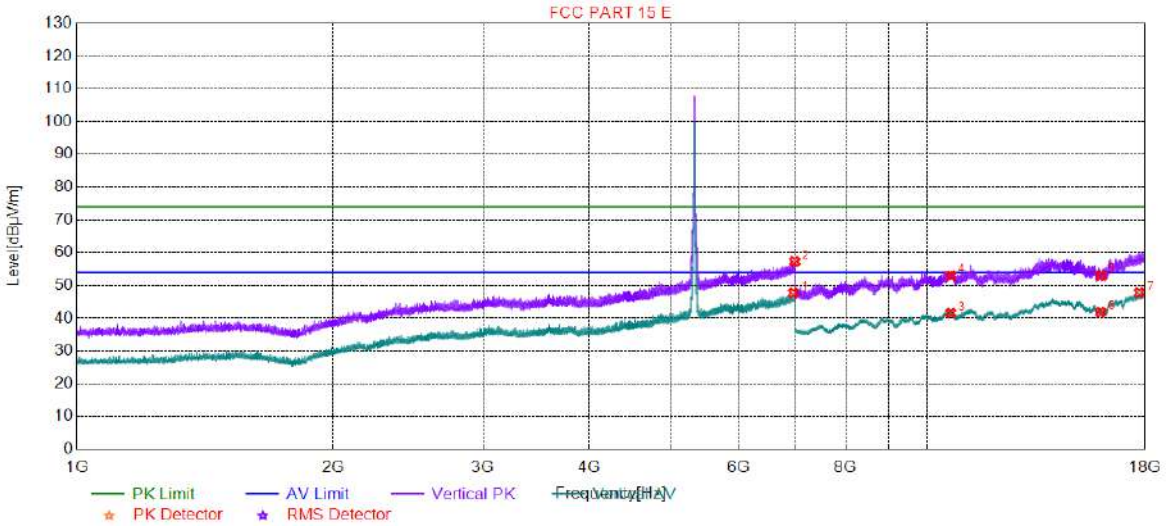
4.9.2.12 802.11A_Channel 64

Test Graph



Suspected List

Suspected List								
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1	6946.89	47.70	21.23	54.00	6.30	221	0	Vertical
2	6972.69	57.29	21.26	74.00	16.71	204	191	Vertical
3	10640.0	41.60	-2.84	54.00	12.40	175	318	Vertical
4	10640.0	53.02	-2.84	74.00	20.98	280	118	Vertical
5	15960.0	53.05	-0.61	74.00	20.95	262	360	Vertical
6	15960.0	41.83	-0.61	54.00	12.17	210	68	Vertical
7	17717.2	47.79	2.02	54.00	6.21	221	318	Vertical

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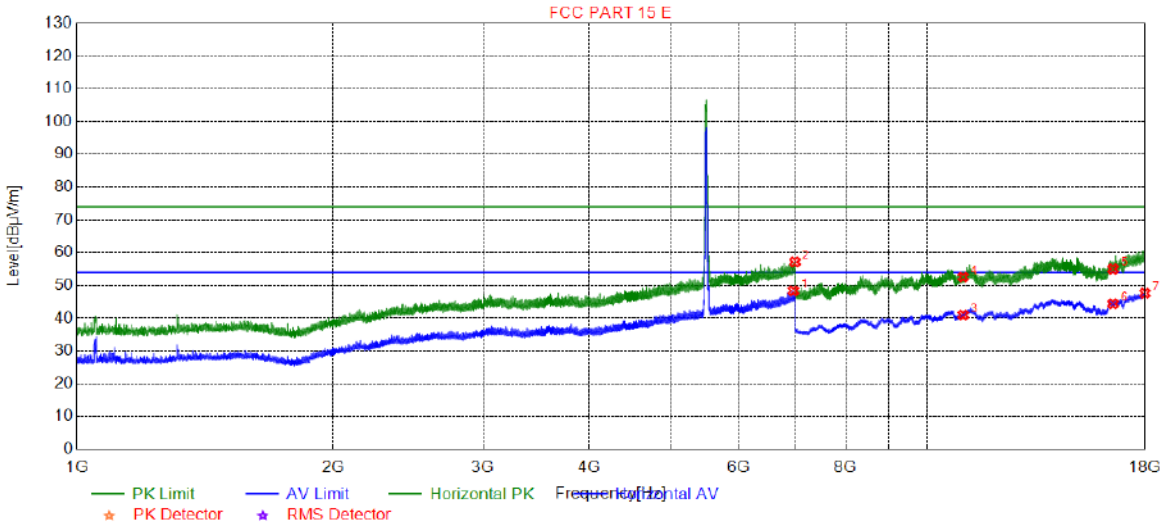
4.9.2.13 802.11A_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6947.19	48.37	21.23	54.00	5.63	216	68	Horizontal
2	6977.49	57.15	21.26	74.00	16.85	229	321	Horizontal
3	11000.0	40.99	-2.17	54.00	13.01	179	191	Horizontal
4	11000.0	52.60	-2.17	74.00	21.40	175	191	Horizontal
5	16500.0	55.02	0.34	74.00	18.98	200	191	Horizontal
6	16500.0	44.42	0.34	54.00	9.58	167	91	Horizontal
7	17990.6	47.65	1.72	54.00	6.35	245	0	Horizontal

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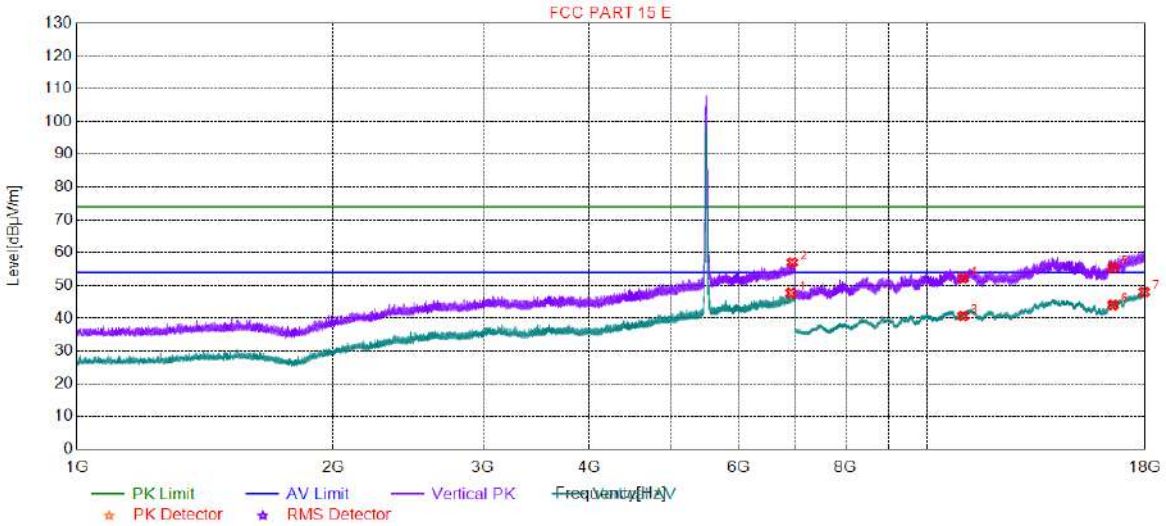
4.9.2.14 802.11A_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6904.89	47.68	20.85	54.00	6.32	212	292	Vertical
2	6929.49	57.00	21.07	74.00	17.00	164	342	Vertical
3	11000.0	40.67	-2.17	54.00	13.33	203	219	Vertical
4	11000.0	52.19	-2.17	74.00	21.81	234	319	Vertical
5	16500.0	55.38	0.34	74.00	18.62	188	219	Vertical
6	16500.0	44.06	0.34	54.00	9.94	275	169	Vertical
7	17957.6	47.98	1.71	54.00	6.02	282	319	Vertical

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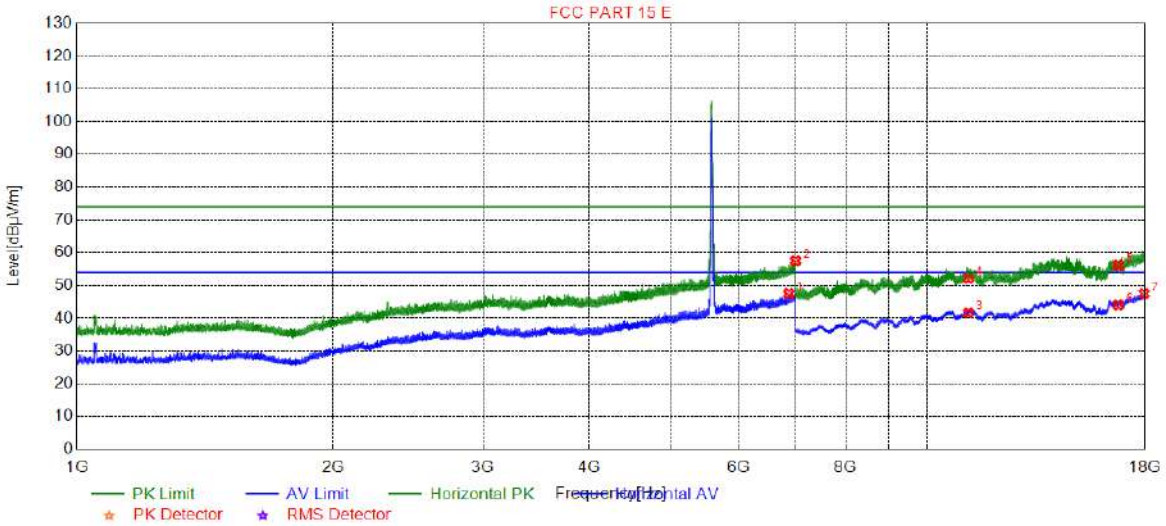
4.9.2.15 802.11A_Channel 116

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6865.29	47.52	20.86	54.00	6.48	169	18	Horizontal
2	6990.69	57.49	21.27	74.00	16.51	146	360	Horizontal
3	11160.0	41.66	-2.32	54.00	12.34	172	0	Horizontal
4	11160.0	52.10	-2.32	74.00	21.90	176	40	Horizontal
5	16740.0	56.19	0.71	74.00	17.81	130	191	Horizontal
6	16740.0	44.05	0.71	54.00	9.95	173	342	Horizontal
7	17953.2	47.53	1.71	54.00	6.47	145	241	Horizontal

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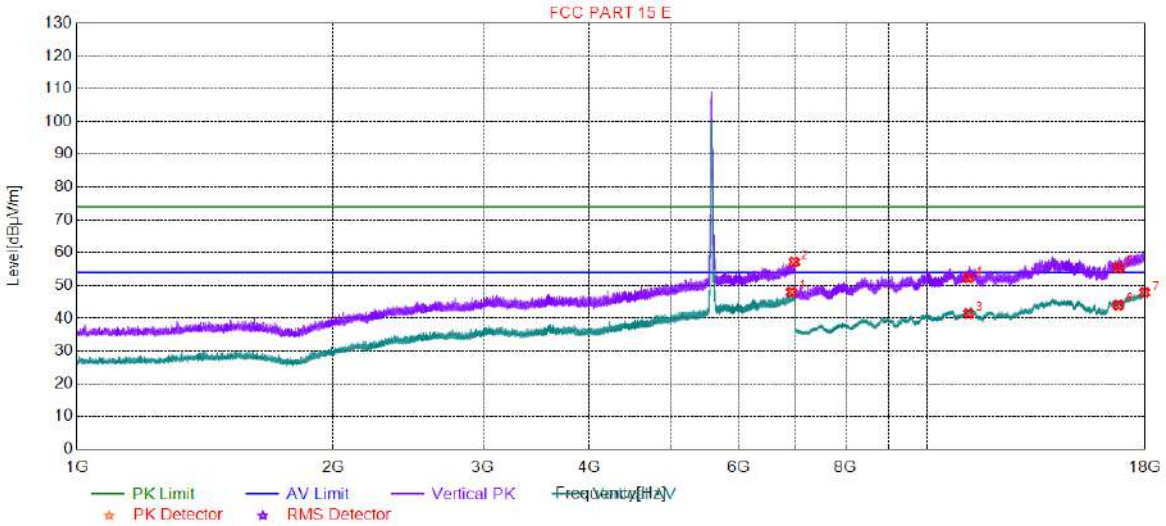
4.9.2.16 802.11A_Channel 116

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6915.39	47.98	20.95	54.00	6.02	262	90	Vertical
2	6962.79	57.14	21.26	74.00	16.86	262	292	Vertical
3	11160.0	41.44	-2.32	54.00	12.56	254	18	Vertical
4	11160.0	52.28	-2.32	74.00	21.72	272	168	Vertical
5	16740.0	55.34	0.71	74.00	18.66	247	360	Vertical
6	16740.0	44.01	0.71	54.00	9.99	268	270	Vertical
7	17974.6	47.85	1.71	54.00	6.15	282	219	Vertical

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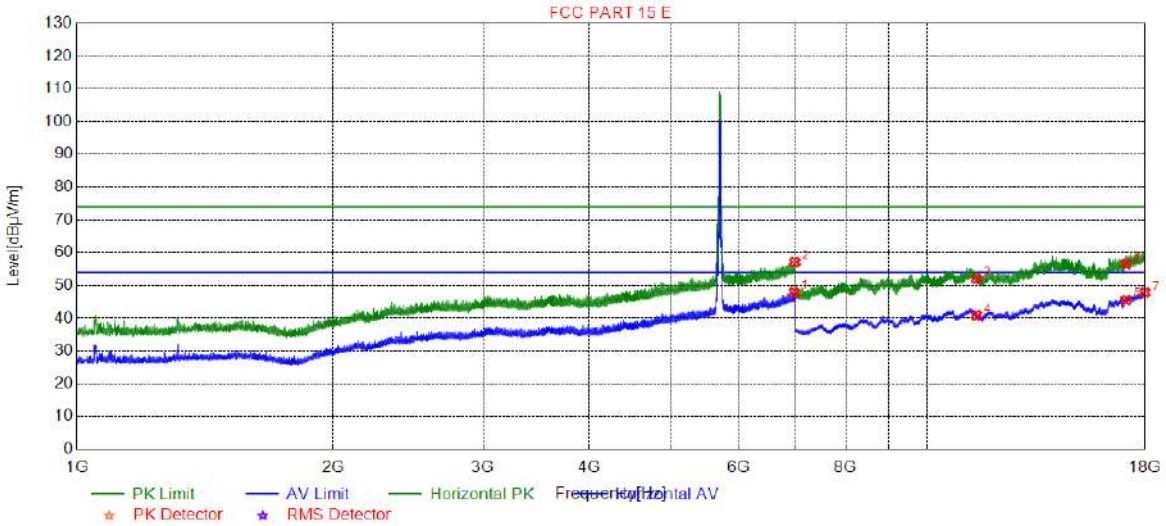
4.9.2.17 802.11A_Channel 140

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6960.39	47.86	21.26	54.00	6.14	125	119	Horizontal
2	6974.19	57.10	21.26	74.00	16.90	248	220	Horizontal
3	11400.0	52.09	-2.15	74.00	21.91	160	292	Horizontal
4	11400.0	40.88	-2.15	54.00	13.12	132	0	Horizontal
5	17100.0	45.59	0.04	54.00	8.41	215	92	Horizontal
6	17100.0	56.55	0.04	74.00	17.45	221	0	Horizontal
7	17991.1	47.84	1.72	54.00	6.16	114	242	Horizontal

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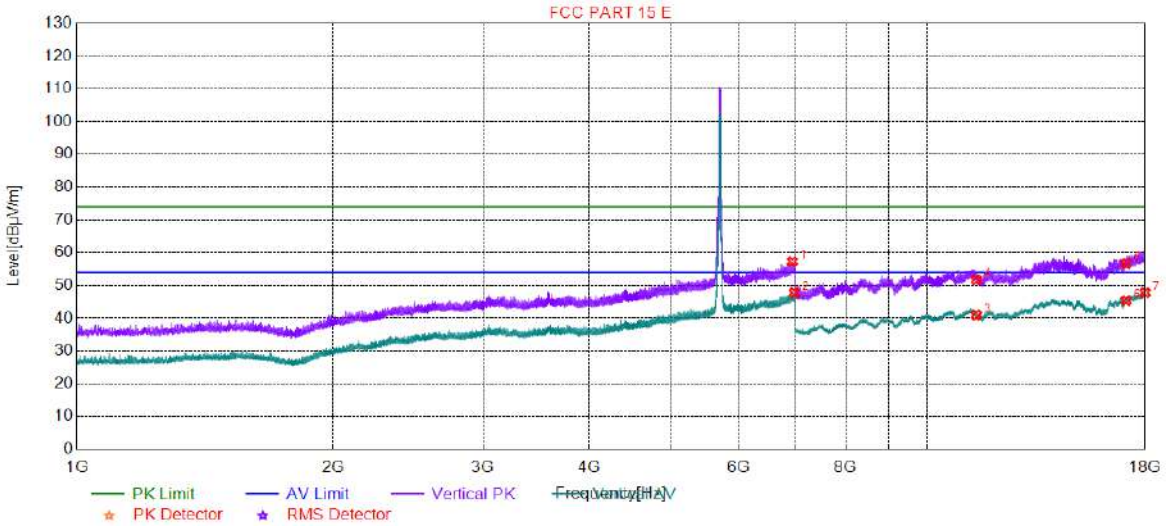
4.9.2.18 802.11A_Channel 140

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6930.09	57.29	21.08	74.00	16.71	227	190	Vertical
2	6964.59	47.77	21.26	54.00	6.23	252	241	Vertical
3	11400.0	40.96	-2.15	54.00	13.04	194	319	Vertical
4	11400.0	51.75	-2.15	74.00	22.25	278	169	Vertical
5	17100.0	56.68	0.04	74.00	17.32	287	319	Vertical
6	17100.0	45.40	0.04	54.00	8.60	195	218	Vertical
7	18000.0	47.79	1.72	54.00	6.21	156	18	Vertical

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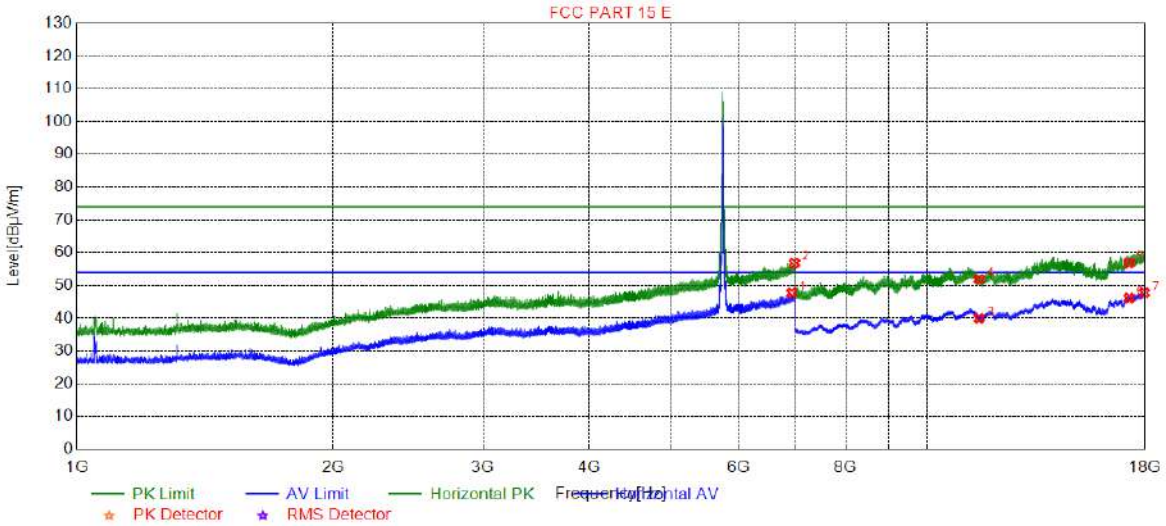
4.9.2.19 802.11A_Channel 149

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6919.29	47.69	20.98	54.00	6.31	109	170	Horizontal
2	6967.59	56.81	21.26	74.00	17.19	146	321	Horizontal
3	11490.0	39.98	-2.03	54.00	14.02	220	40	Horizontal
4	11490.0	51.88	-2.03	74.00	22.12	152	191	Horizontal
5	17235.0	56.82	0.33	74.00	17.18	151	141	Horizontal
6	17235.0	46.15	0.33	54.00	7.85	126	191	Horizontal
7	17962.0	47.79	1.71	54.00	6.21	166	191	Horizontal

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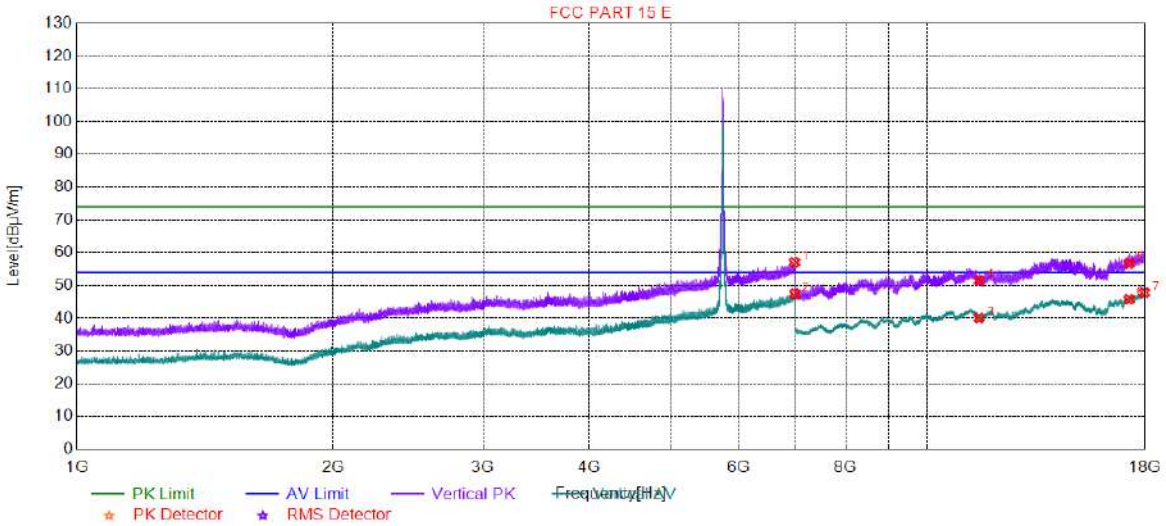
4.9.2.20 802.11A_Channel 149

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6965.49	57.02	21.26	74.00	16.98	177	0	Vertical
2	6976.89	47.41	21.26	54.00	6.59	216	0	Vertical
3	11490.0	40.08	-2.03	54.00	13.92	267	219	Vertical
4	11490.0	51.49	-2.03	74.00	22.51	175	318	Vertical
5	17235.0	56.67	0.33	74.00	17.33	177	219	Vertical
6	17235.0	45.81	0.33	54.00	8.19	253	269	Vertical
7	17971.3	47.79	1.71	54.00	6.21	230	219	Vertical

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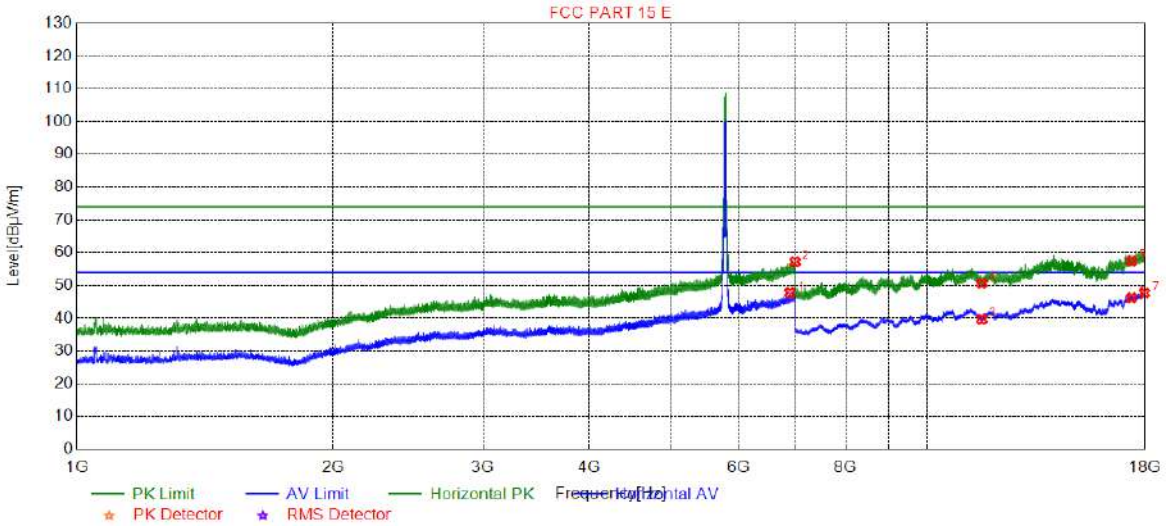
4.9.2.21 802.11A_Channel 157

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6886.89	47.77	20.83	54.00	6.23	115	69	Horizontal
2	6980.19	57.18	21.26	74.00	16.82	207	220	Horizontal
3	11570.0	39.70	-2.39	54.00	14.30	233	342	Horizontal
4	11570.0	50.65	-2.39	74.00	23.35	197	90	Horizontal
5	17355.0	57.43	1.06	74.00	16.57	185	140	Horizontal
6	17355.0	46.25	1.06	54.00	7.75	217	342	Horizontal
7	17972.4	47.70	1.71	54.00	6.30	180	241	Horizontal

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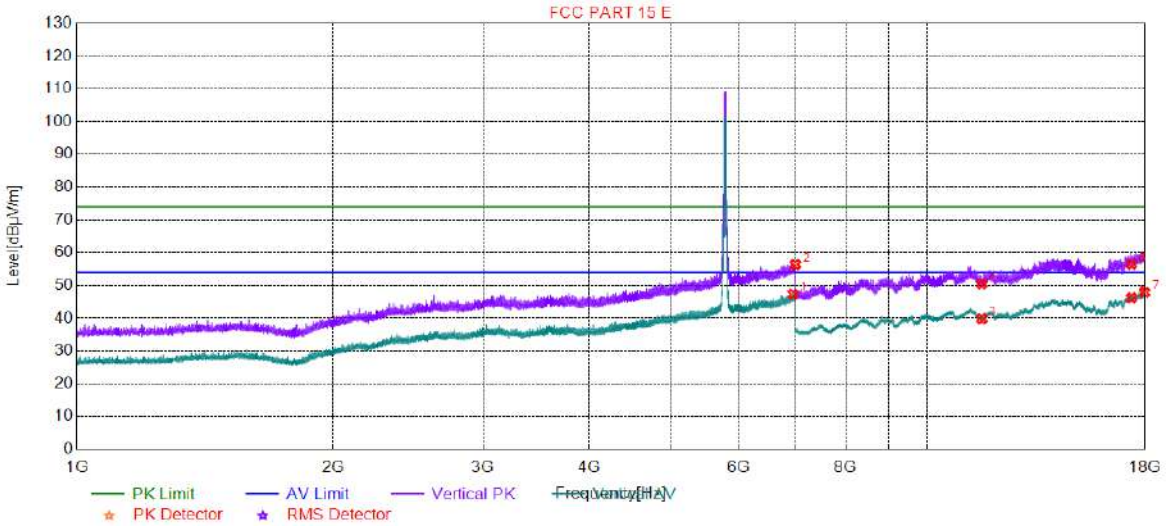
4.9.2.22 802.11A_Channel 157

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6941.19	47.38	21.18	54.00	6.62	225	241	Vertical
2	6986.19	56.38	21.27	74.00	17.62	171	142	Vertical
3	11570.0	39.86	-2.39	54.00	14.14	268	18	Vertical
4	11570.0	50.47	-2.39	74.00	23.53	242	220	Vertical
5	17355.0	56.46	1.06	74.00	17.54	236	119	Vertical
6	17355.0	46.24	1.06	54.00	7.76	253	18	Vertical
7	17974.1	47.88	1.71	54.00	6.12	184	18	Vertical

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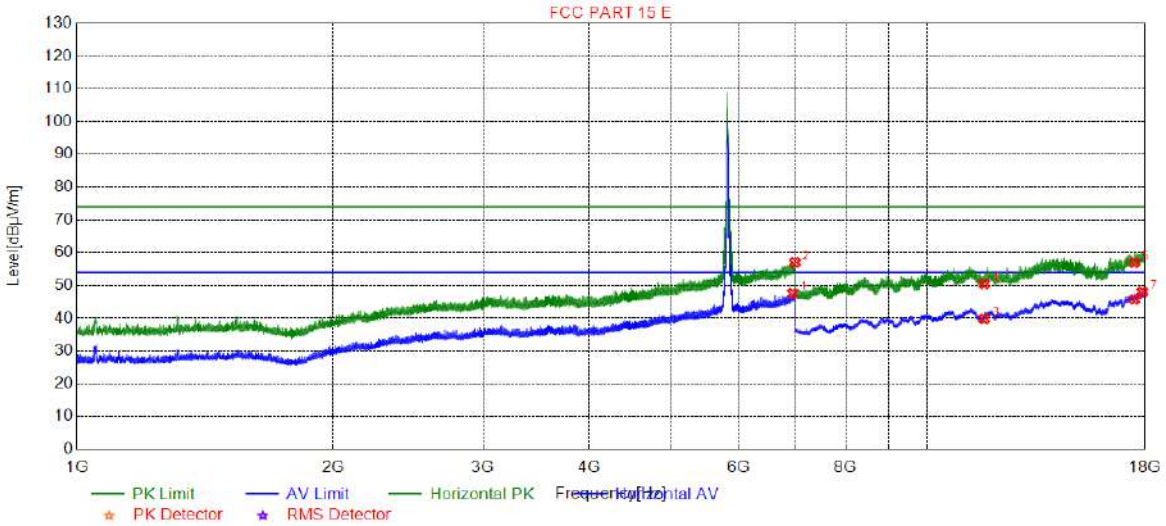
4.9.2.23 802.11A_Channel 161

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	47.60	21.11	54.00	6.40	121	69	Horizontal
2	6976.29	57.01	21.26	74.00	16.99	141	270	Horizontal
3	11650.0	39.85	-2.49	54.00	14.15	100	191	Horizontal
4	11650.0	50.44	-2.49	74.00	23.56	188	140	Horizontal
5	17475.0	56.92	1.76	74.00	17.08	196	90	Horizontal
6	17475.0	45.76	1.76	54.00	8.24	244	241	Horizontal
7	17867.9	47.97	1.27	54.00	6.03	166	90	Horizontal

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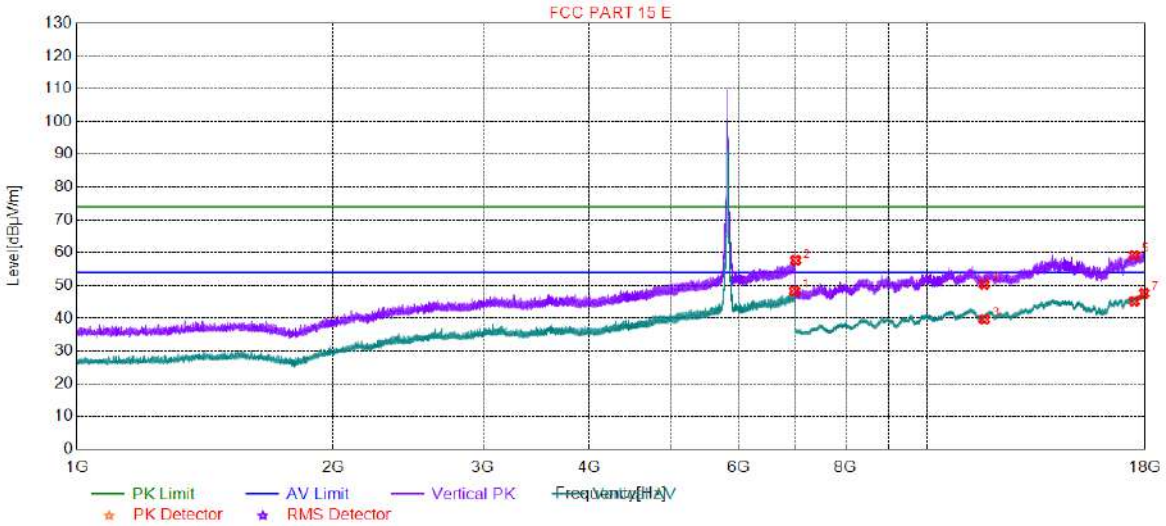
4.9.2.24 802.11A_Channel 161

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6967.29	48.28	21.26	54.00	5.72	261	242	Vertical
2	6992.49	57.66	21.27	74.00	16.34	259	141	Vertical
3	11650.0	39.67	-2.49	54.00	14.33	253	118	Vertical
4	11650.0	50.28	-2.49	74.00	23.72	167	118	Vertical
5	17475.0	59.26	1.76	74.00	14.74	180	169	Vertical
6	17475.0	45.13	1.76	54.00	8.87	214	219	Vertical
7	17952.1	47.63	1.71	54.00	6.37	211	169	Vertical

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