



4.8.1 Test Results For Power Density

Test Mode	Test Channel	Frequency [MHz]	Meas. Level (Cond.) [dBm]			Unit	Verdict
			ANT 1	ANT 2	SUM		
11A20CDD	36	5180	2.65	2.50	5.59	dBm/MHz	PASS
	48	5240	3.46	2.55	6.04	dBm/MHz	PASS
	52	5260	3.60	2.78	6.22	dBm/MHz	PASS
	64	5320	4.20	3.22	6.75	dBm/MHz	PASS
	100	5500	4.03	3.44	6.76	dBm/MHz	PASS
	140	5700	4.12	2.80	6.52	dBm/MHz	PASS
	149	5745	0.76	0.40	3.59	dBm/500KHz	PASS
	161	5805	0.13	0.47	3.31	dBm/500KHz	PASS
11N20MIMO	36	5180	2.33	2.34	5.35	dBm/MHz	PASS
	48	5240	2.81	2.59	5.71	dBm/MHz	PASS
	52	5260	3.03	2.51	5.79	dBm/MHz	PASS
	64	5320	2.99	2.43	5.73	dBm/MHz	PASS
	100	5500	2.77	2.79	5.79	dBm/MHz	PASS
	140	5700	2.37	2.80	5.60	dBm/MHz	PASS
	149	5745	-0.84	0.52	2.90	dBm/500KHz	PASS
	161	5805	1.64	1.51	4.59	dBm/500KHz	PASS
11N40MIMO	38	5190	-0.97	-1.10	1.98	dBm/MHz	PASS
	46	5230	-0.5	-1.08	2.23	dBm/MHz	PASS
	54	5270	-0.54	-0.86	2.31	dBm/MHz	PASS
	62	5310	-0.05	-0.73	2.63	dBm/MHz	PASS
	102	5510	-0.75	-0.6	2.34	dBm/MHz	PASS
	134	5670	-0.66	-0.89	2.24	dBm/MHz	PASS
	151	5755	-4.87	-4.68	-1.76	dBm/500KHz	PASS
	159	5795	-4.94	-5.01	-1.96	dBm/500KHz	PASS
11AC20MIMO	36	5180	3.19	3.21	6.21	dBm/MHz	PASS
	48	5240	3.61	3.40	6.52	dBm/MHz	PASS
	52	5260	3.83	3.72	6.79	dBm/MHz	PASS
	64	5320	4.12	3.66	6.91	dBm/MHz	PASS
	100	5500	3.58	3.85	6.73	dBm/MHz	PASS
	140	5700	3.55	1.36	5.60	dBm/MHz	PASS
	149	5745	-0.04	-0.34	2.82	dBm/500KHz	PASS
	161	5805	1.91	1.75	4.84	dBm/500KHz	PASS
11AC40MIMO	38	5190	-1.18	-1.36	1.74	dBm/MHz	PASS
	46	5230	-1.02	-1.14	1.93	dBm/MHz	PASS
	54	5270	-0.74	-0.84	2.22	dBm/MHz	PASS
	62	5310	-1.06	-0.97	2.00	dBm/MHz	PASS
	102	5510	-1.00	-0.83	2.10	dBm/MHz	PASS
	134	5670	-1.23	-0.68	2.06	dBm/MHz	PASS
	151	5755	-4.13	-4.13	-1.12	dBm/500KHz	PASS
	159	5795	-4.13	-4.40	-1.25	dBm/500KHz	PASS
11AC80MIMO	42	5210	-5.29	-5.34	-2.30	dBm/MHz	PASS



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	58	5290	-4.71	-4.89	-1.79	dBm/MHz	PASS
	106	5530	-5.07	-5.13	-2.09	dBm/MHz	PASS
	155	5775	-8.23	-8.36	-5.28	dBm/500KHz	PASS
11AX20MIMO_26T	36	5180	7.28	8.38	10.88	dBm/MHz	PASS
	48	5240	7.52	7.82	10.68	dBm/MHz	PASS
	52	5260	7.70	7.97	10.85	dBm/MHz	PASS
	64	5320	7.93	7.23	10.60	dBm/MHz	PASS
	100	5500	7.56	7.94	10.76	dBm/MHz	PASS
	140	5700	7.61	7.94	10.79	dBm/MHz	PASS
	149	5745	5.35	5.90	8.64	dBm/500KHz	PASS
	161	5805	5.32	5.98	8.67	dBm/500KHz	PASS
11AX20MIMO_52T	36	5180	7.40	6.46	9.97	dBm/MHz	PASS
	48	5240	7.80	6.87	10.37	dBm/MHz	PASS
	52	5260	7.93	7.00	10.50	dBm/MHz	PASS
	64	5320	7.45	7.59	10.53	dBm/MHz	PASS
	100	5500	7.30	7.41	10.37	dBm/MHz	PASS
	140	5700	7.80	7.86	10.84	dBm/MHz	PASS
	149	5745	4.33	4.25	7.30	dBm/500KHz	PASS
	161	5805	4.15	4.18	7.18	dBm/500KHz	PASS
11AX20MIMO_106T	36	5180	5.65	5.43	8.55	dBm/MHz	PASS
	48	5240	6.20	5.78	9.01	dBm/MHz	PASS
	52	5260	6.22	5.72	8.99	dBm/MHz	PASS
	64	5320	6.2	5.06	8.68	dBm/MHz	PASS
	100	5500	6.42	5.93	9.19	dBm/MHz	PASS
	140	5700	6.70	5.44	9.13	dBm/MHz	PASS
	149	5745	3.85	2.49	6.23	dBm/500KHz	PASS
	161	5805	3.33	3.68	6.52	dBm/500KHz	PASS
11AX20MIMO_242T	36	5180	3.06	3.37	6.23	dBm/MHz	PASS
	48	5240	3.23	3.83	6.55	dBm/MHz	PASS
	52	5260	3.22	3.74	6.50	dBm/MHz	PASS
	64	5320	3.12	3.85	6.51	dBm/MHz	PASS
	100	5500	3.23	3.32	6.29	dBm/MHz	PASS
	140	5700	2.59	3.35	6.00	dBm/MHz	PASS
	149	5745	-0.19	0.97	3.44	dBm/500KHz	PASS
	161	5805	0.2	0.86	3.55	dBm/500KHz	PASS
11AX40MIMO_242T	38	5190	-0.97	-1.13	1.96	dBm/MHz	PASS
	46	5230	-0.70	-0.74	2.29	dBm/MHz	PASS
	54	5270	-0.74	-0.92	2.18	dBm/MHz	PASS
	62	5310	-0.66	-1.25	2.07	dBm/MHz	PASS
	102	5510	-0.10	-0.72	2.61	dBm/MHz	PASS
	134	5670	-0.18	-1.09	2.40	dBm/MHz	PASS
	151	5755	-2.75	-3.92	-0.29	dBm/500KHz	PASS
	159	5795	-2.95	-4.04	-0.45	dBm/500KHz	PASS
11AX40MIMO_484T	38	5190	-3.74	-3.96	-0.84	dBm/MHz	PASS
	46	5230	-3.57	-3.61	-0.58	dBm/MHz	PASS



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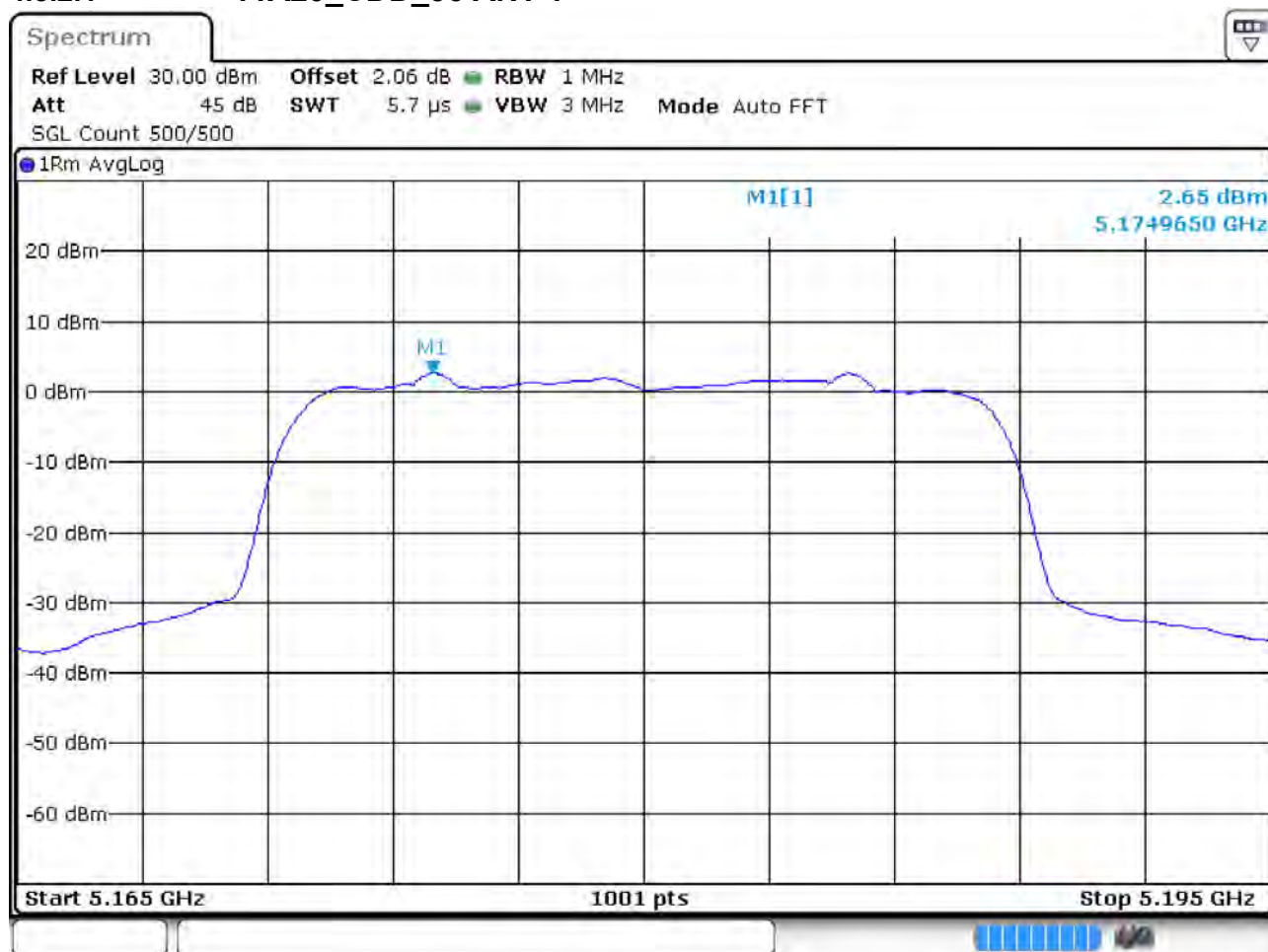
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	54	5270	-3.64	-3.86	-0.74	dBm/MHz	PASS
	62	5310	-3.53	-4.14	-0.81	dBm/MHz	PASS
	102	5510	-2.99	-3.63	-0.29	dBm/MHz	PASS
	134	5670	-3.06	-4.04	-0.51	dBm/MHz	PASS
	151	5755	-5.62	-6.89	-3.20	dBm/500KHz	PASS
	159	5795	-5.84	-5.84	-2.83	dBm/500KHz	PASS
11AX80MIMO_996T	42	5210	-3.55	-3.88	-0.70	dBm/MHz	PASS
	58	5290	-3.81	-4.32	-1.05	dBm/MHz	PASS
	106	5530	-4.03	-4.29	-1.15	dBm/MHz	PASS
	155	5775	-6.75	-7.56	-4.13	dBm/500KHz	PASS

4.8.2 Test plots For Power Density

4.8.2.1 11A20_CDD_36 ANT 1



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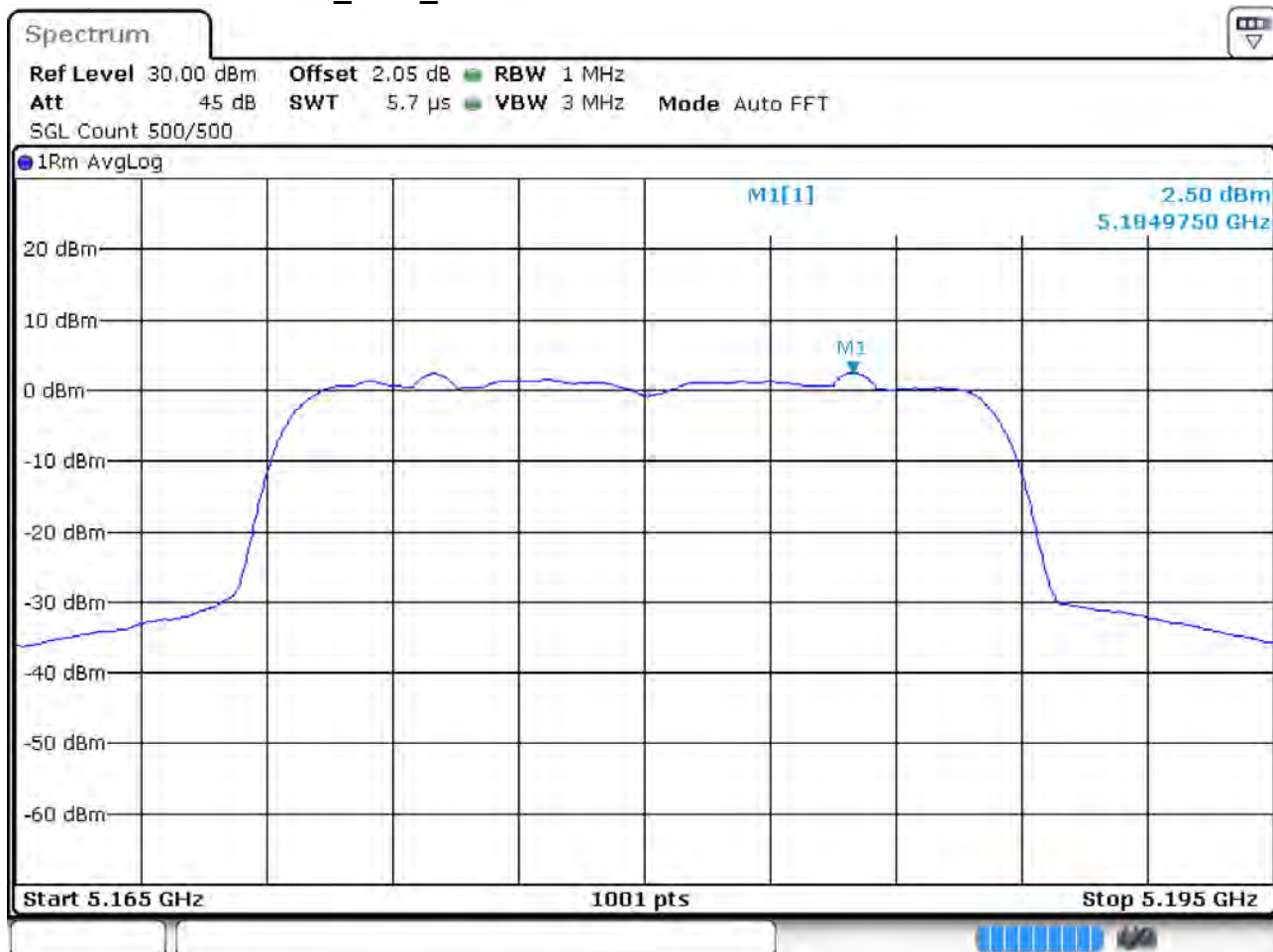


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4.8.2.2 11A20_CDD_36 ANT 2



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4.8.2.3 11A20_CDD_48 ANT 1



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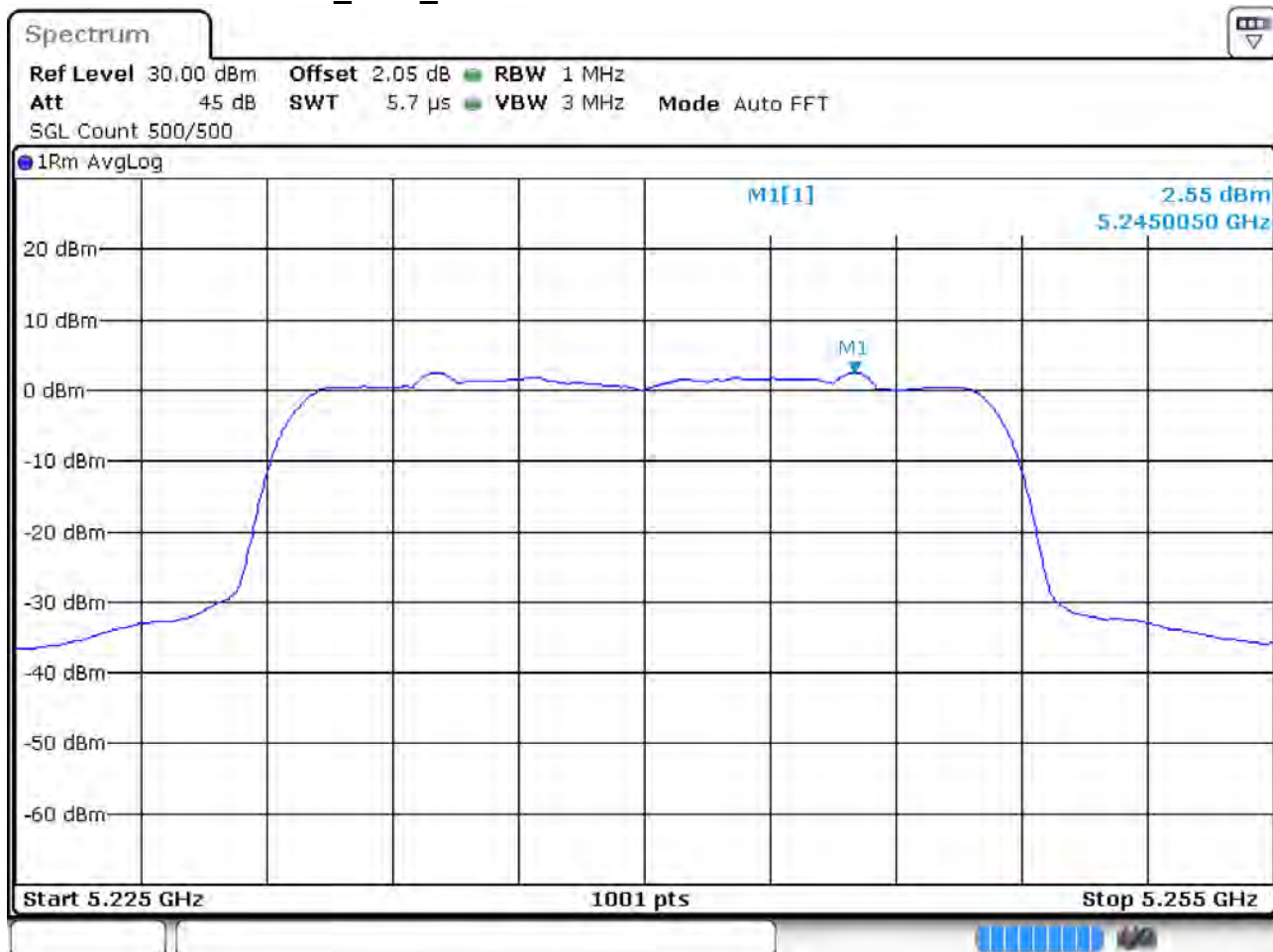
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4.8.2.4 11A20_CDD_48 ANT 2



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4.8.2.5 11A20_CDD_52 ANT 1



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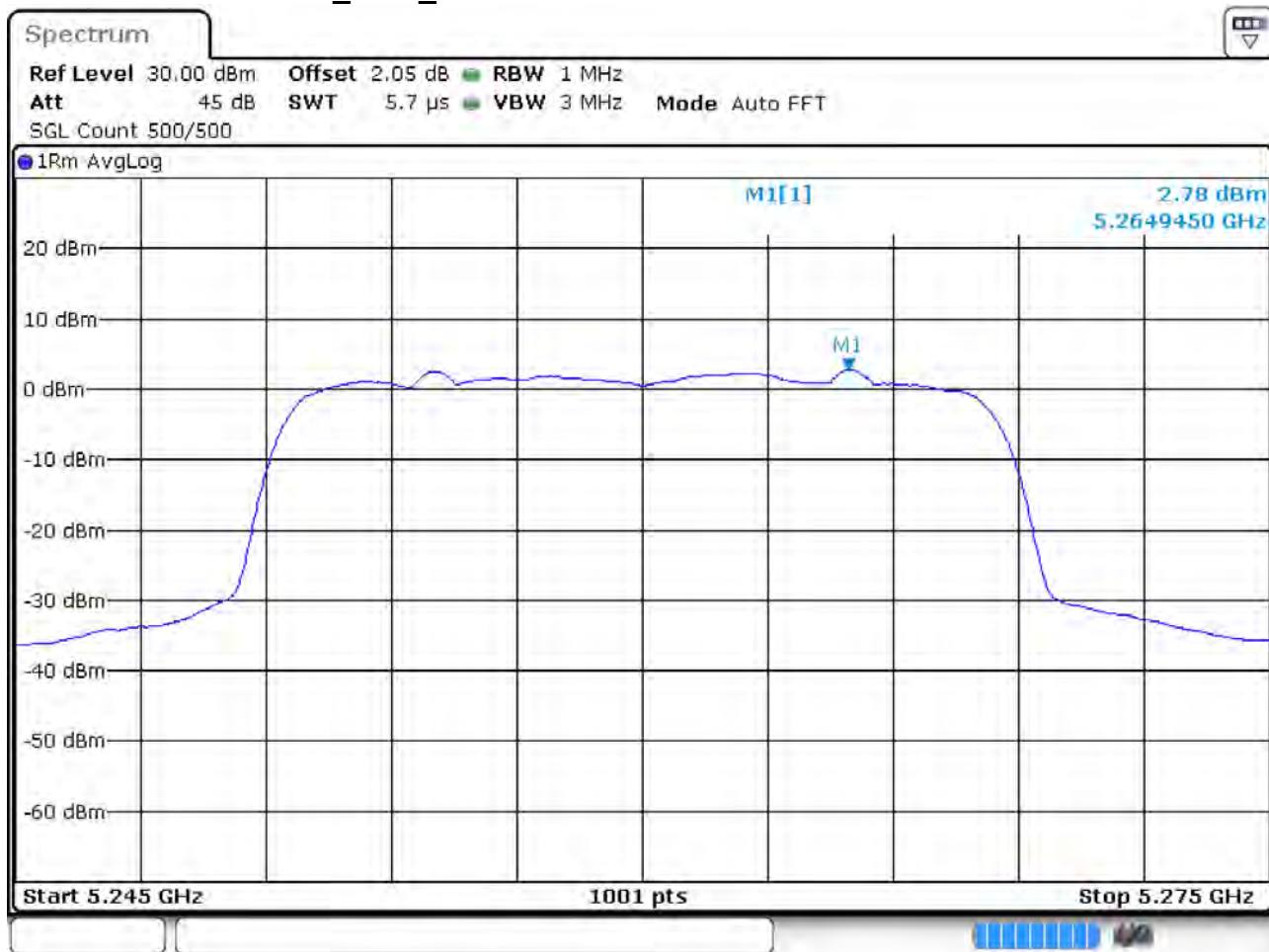


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4.8.2.6 11A20_CDD_52 ANT 2



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4.8.2.7 11A20_CDD_64 ANT 1



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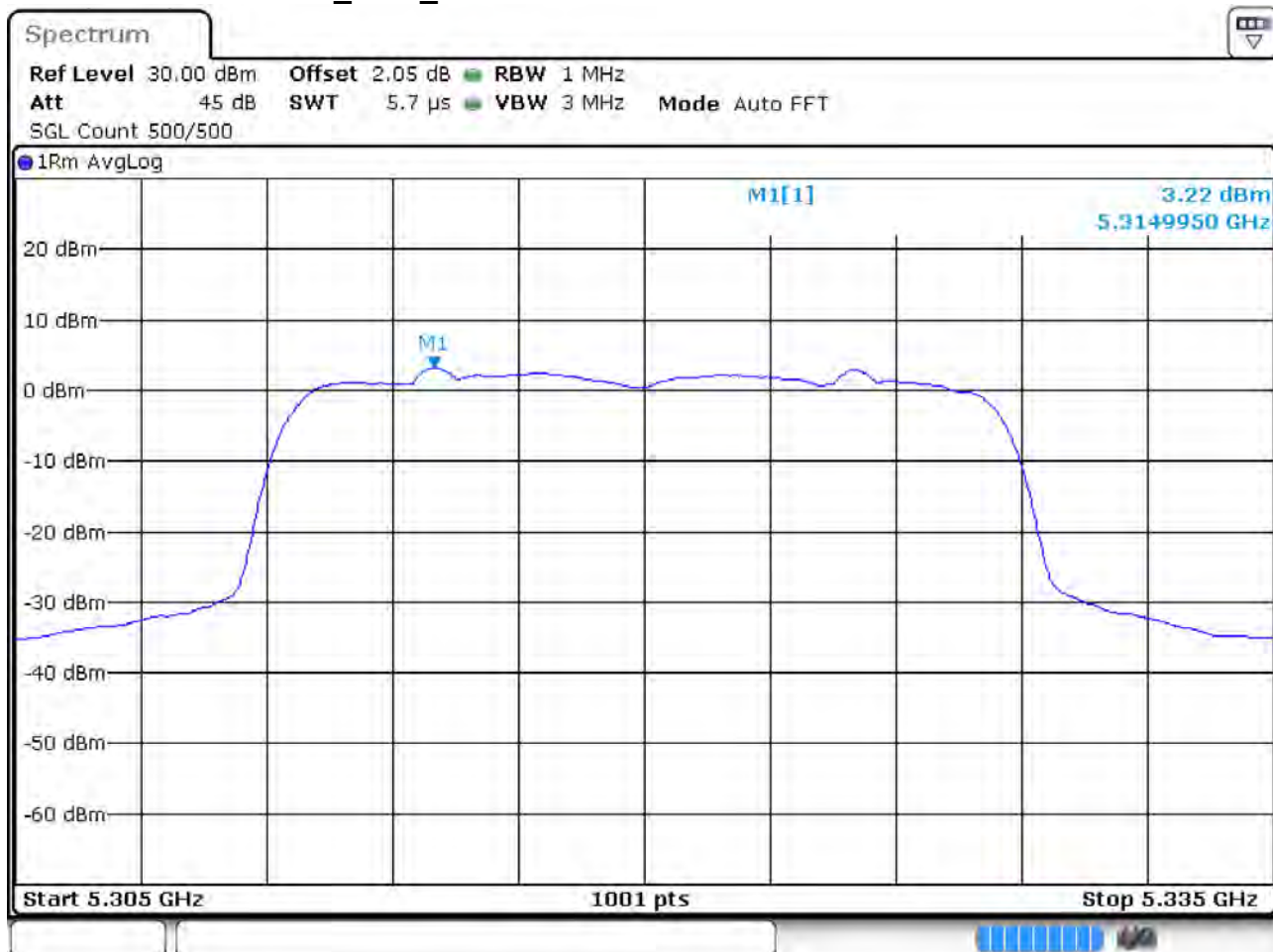
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4.8.2.8 11A20_CDD_64 ANT 2



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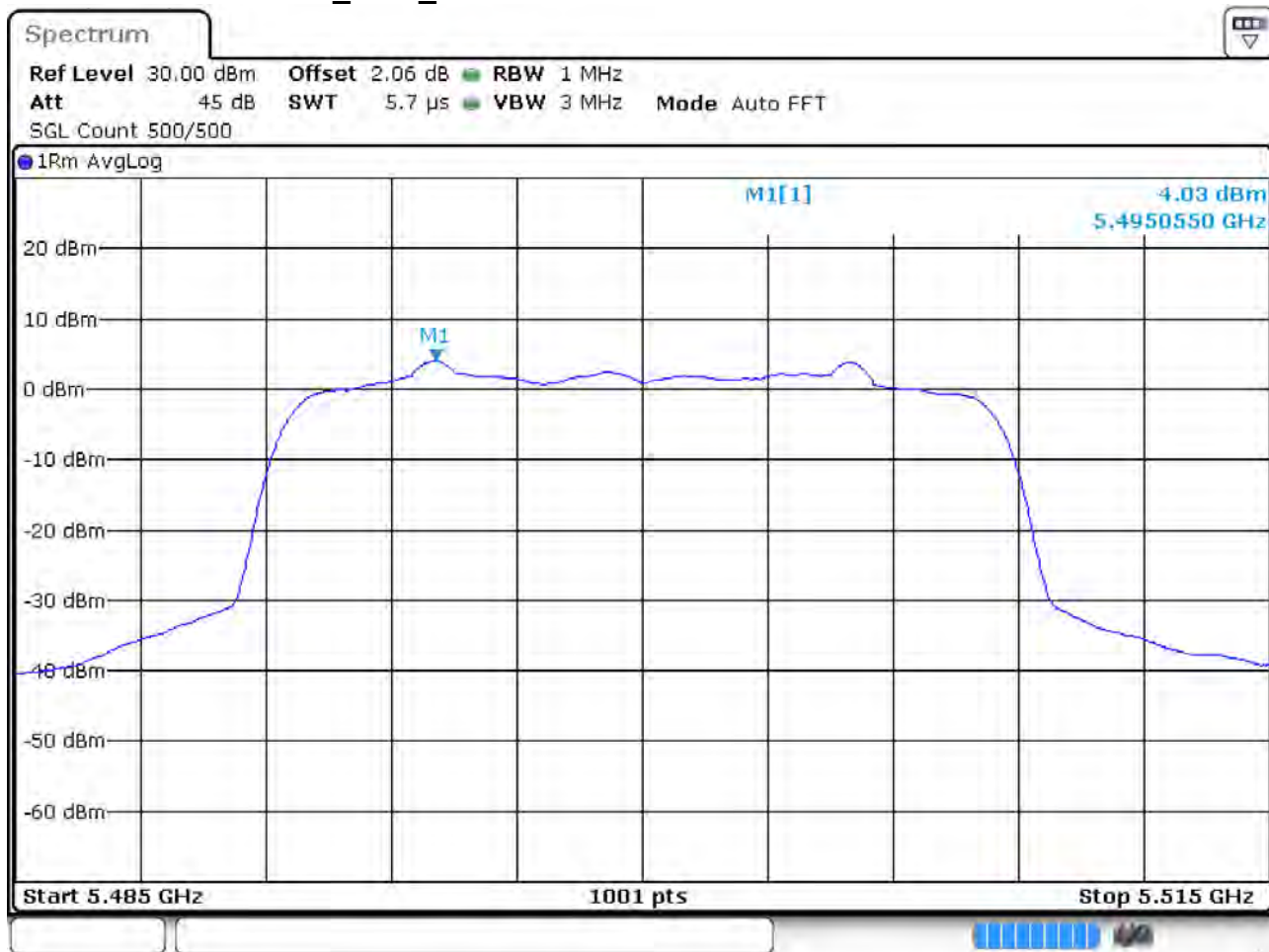
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4.8.2.9 11A20_CDD_100 ANT 1



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4.8.2.10

11A20_CDD_100 ANT 2



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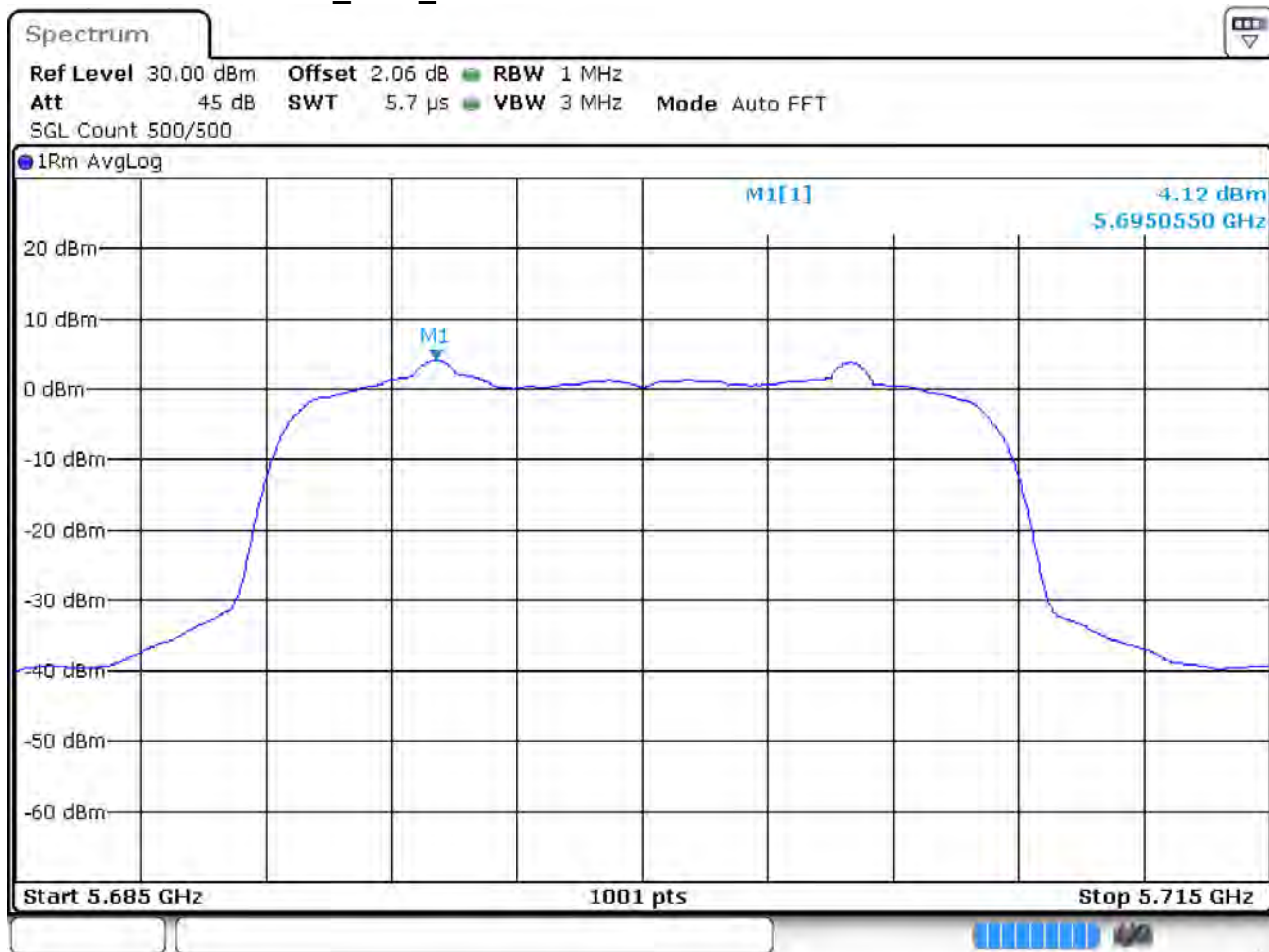
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4.8.2.11

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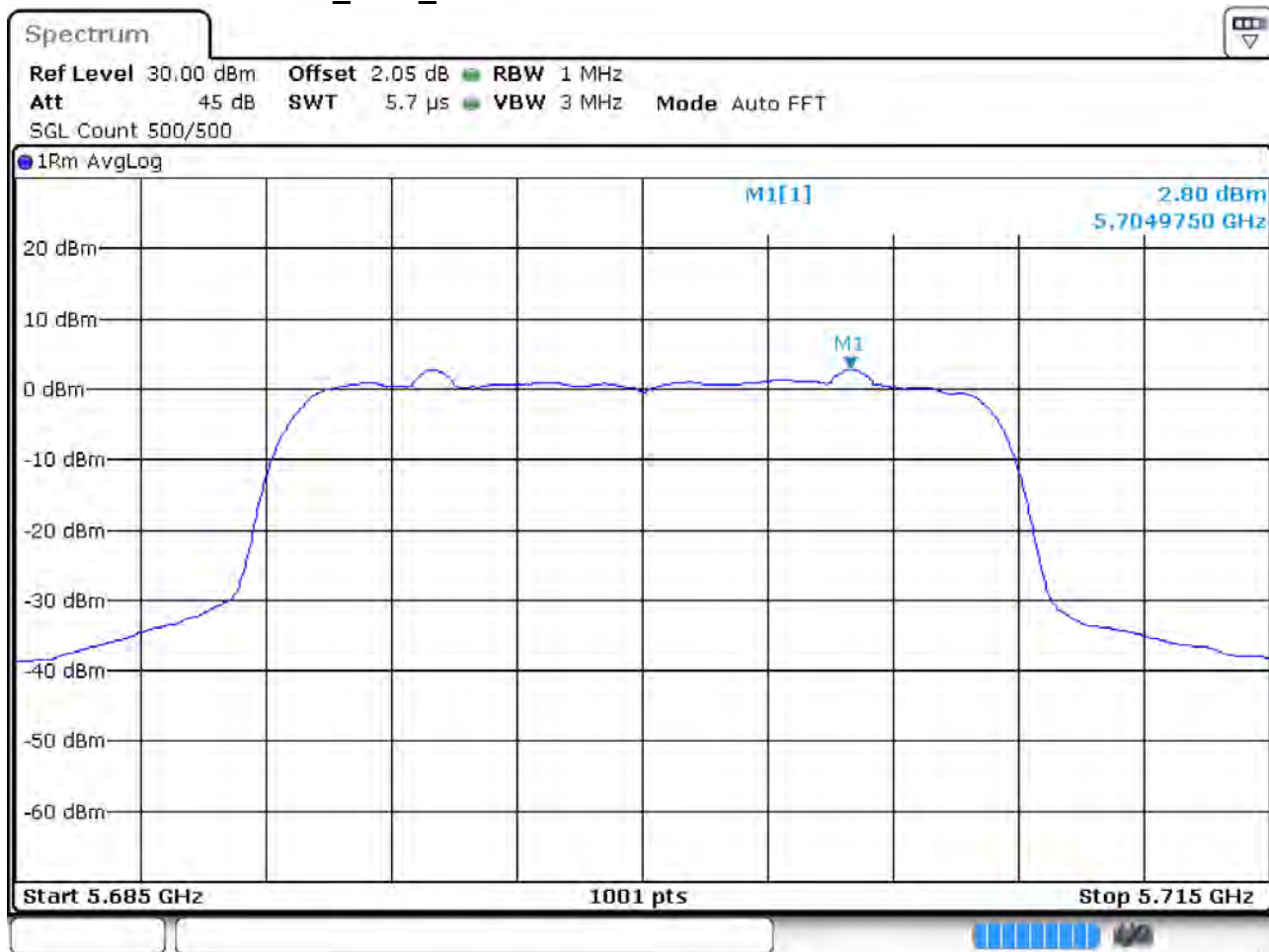
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4.8.2.12

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4.8.2.13

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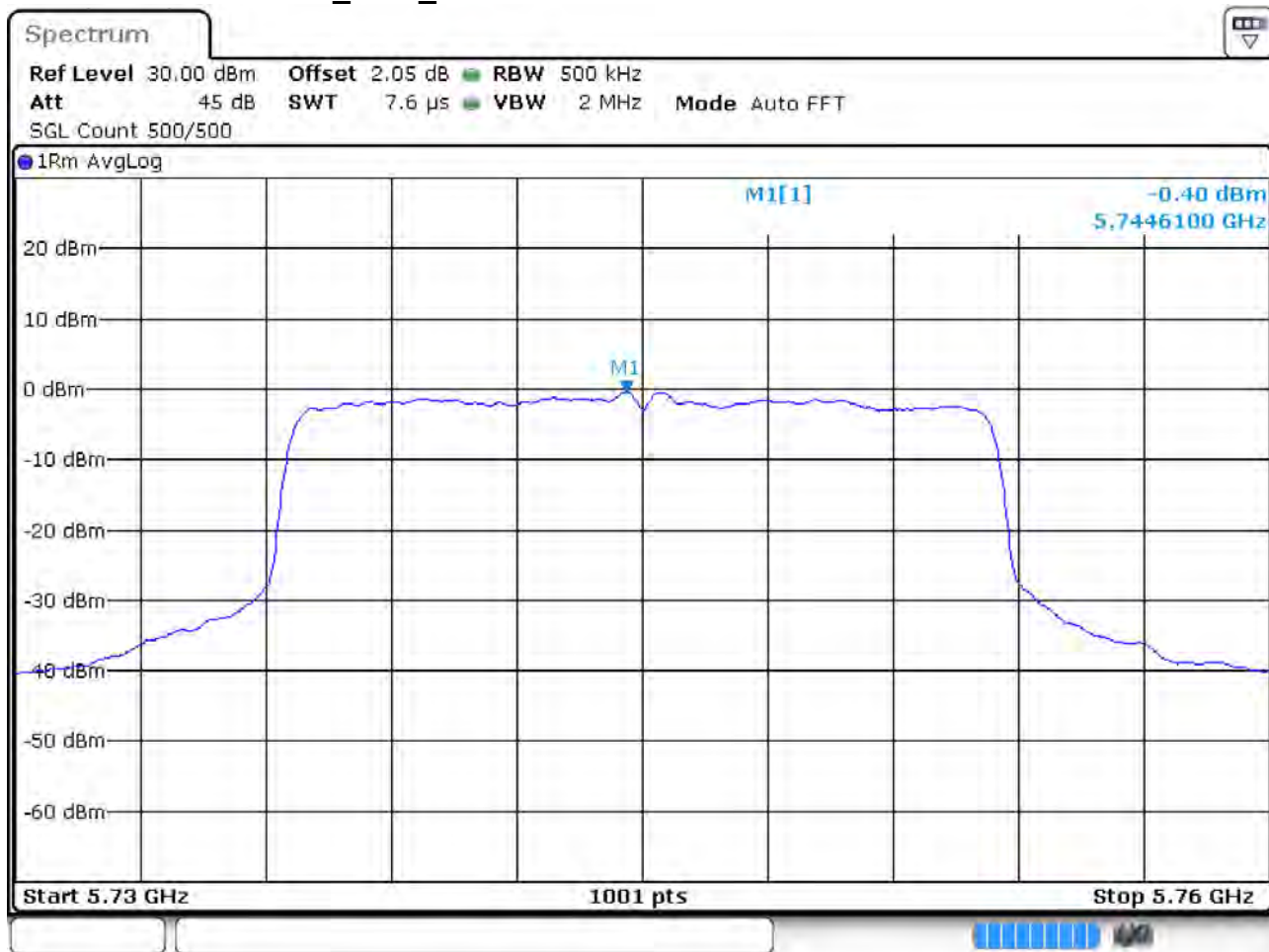
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4.8.2.14

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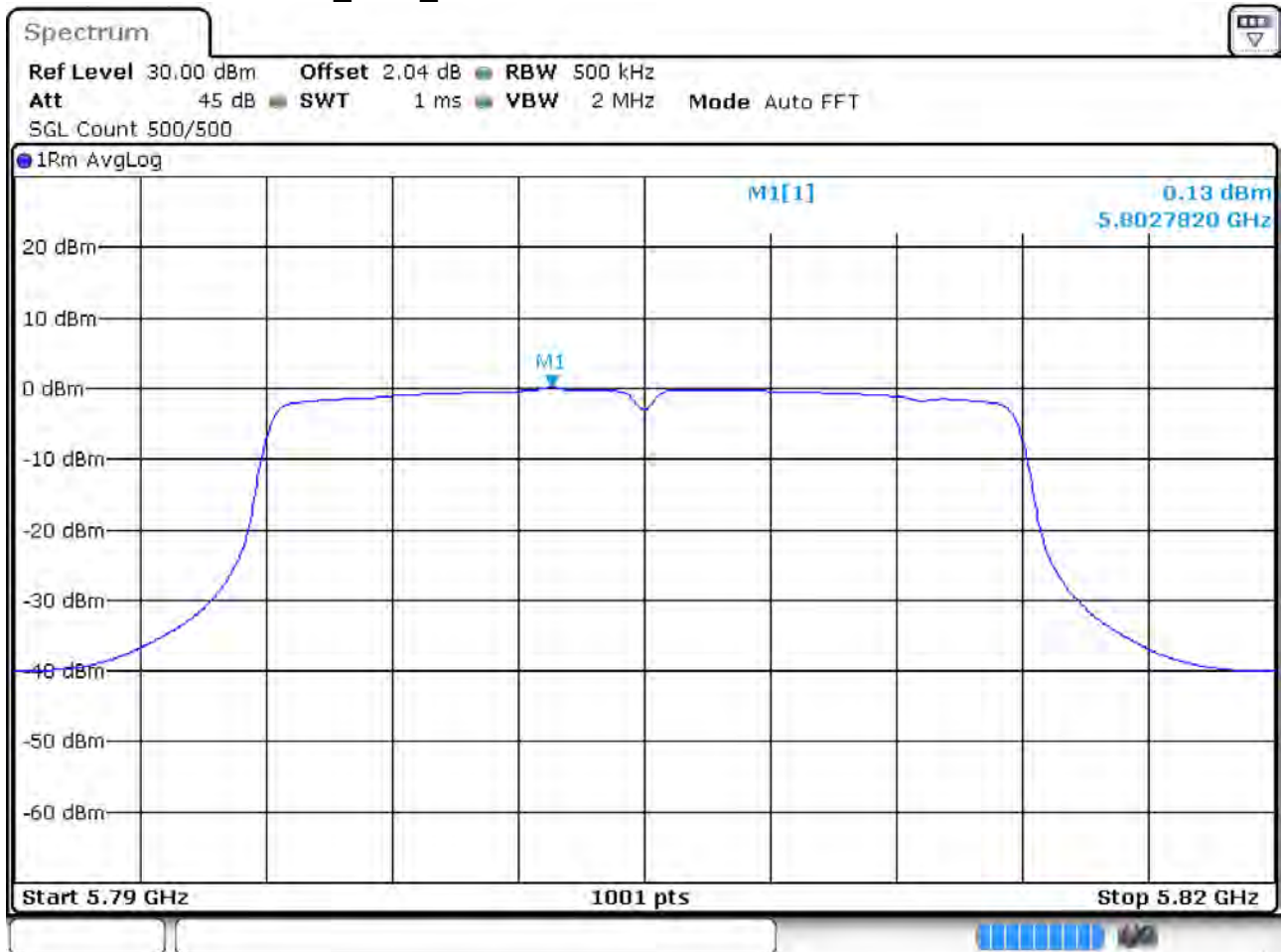
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4.8.2.15

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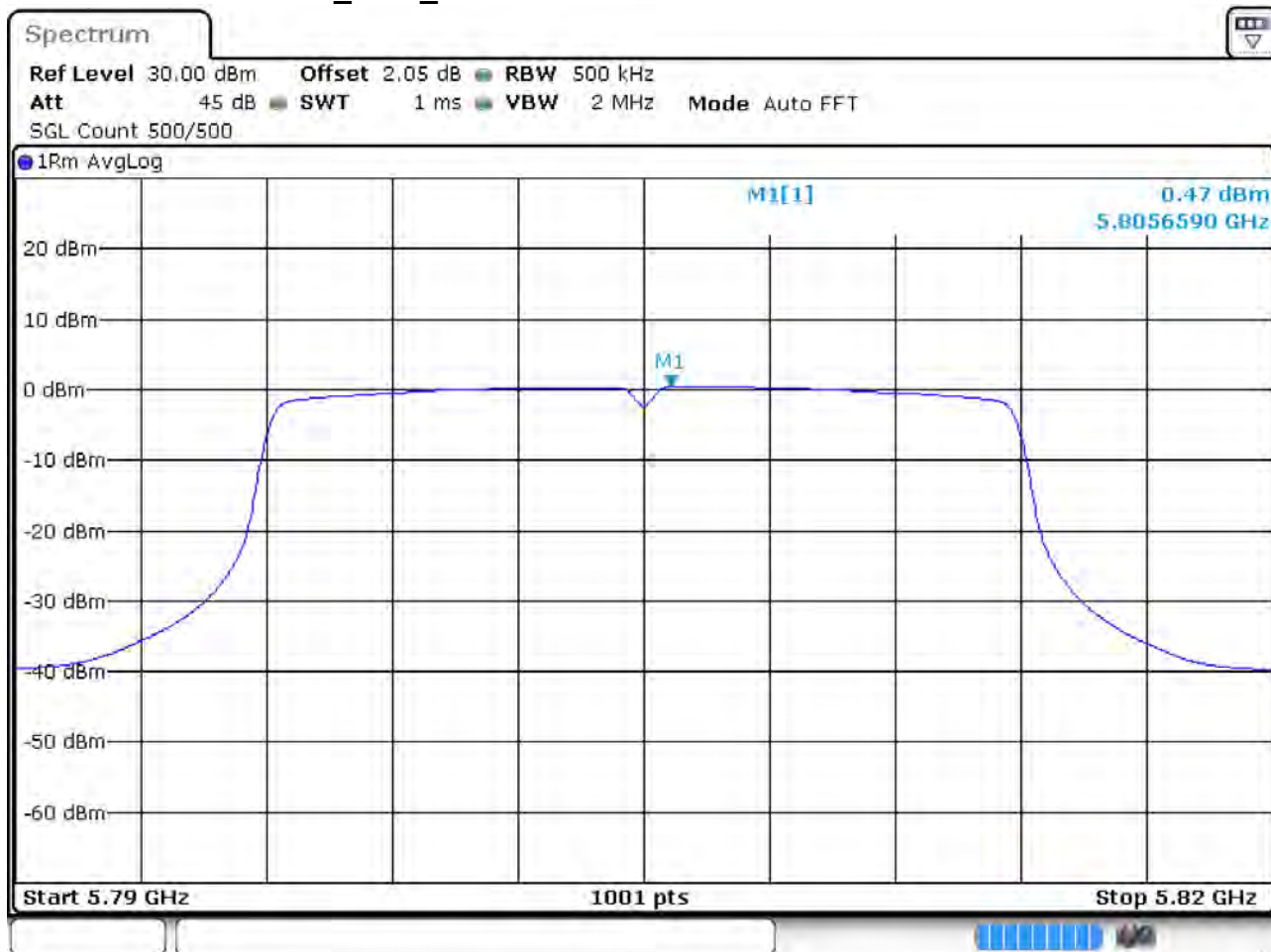
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4.8.2.16 11A20_CDD_161 ANT 2



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4.8.2.17

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4.8.2.18

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4.8.2.19

11N20MIMO_48 ANT 1



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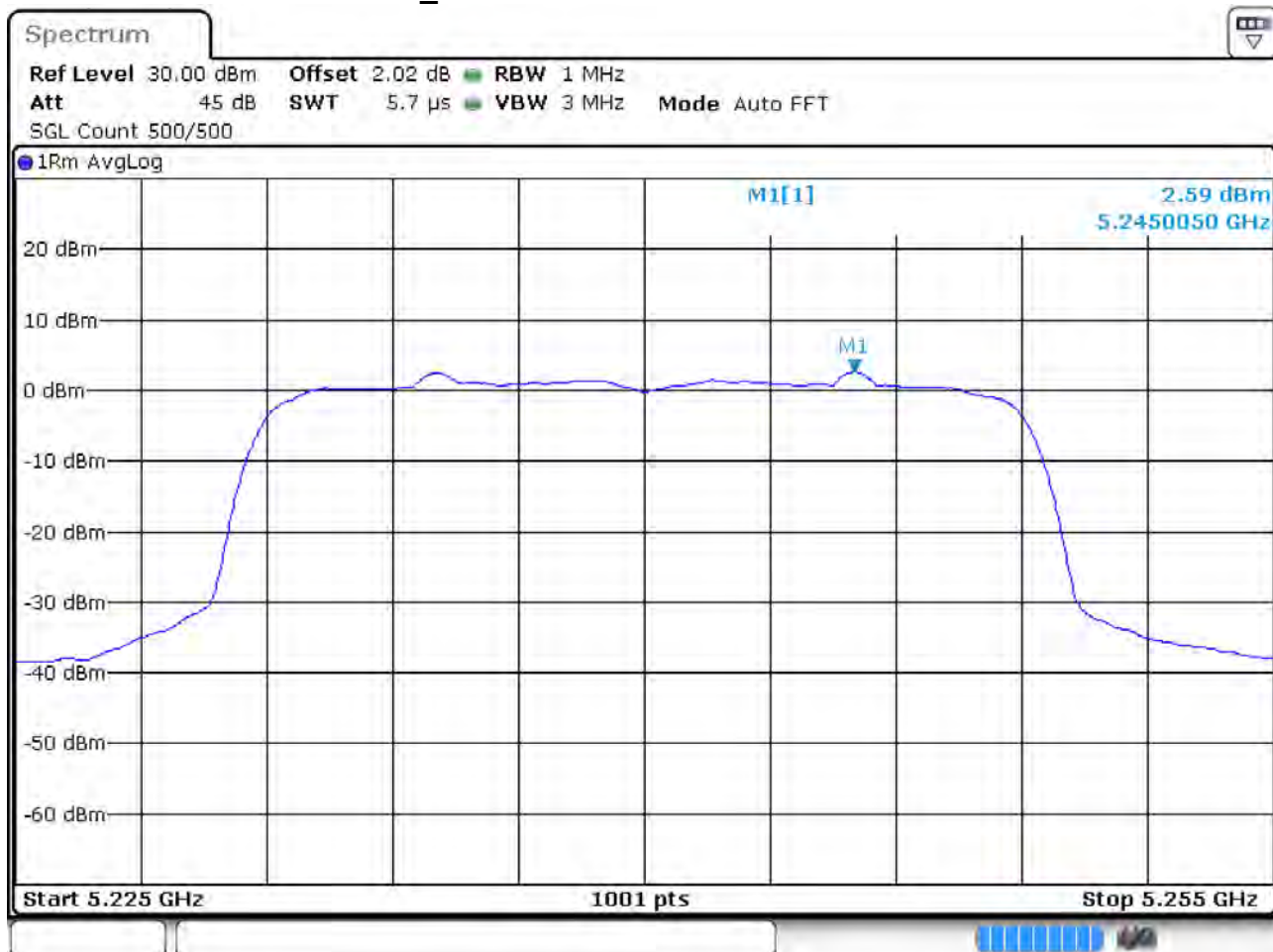
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4.8.2.20

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4.8.2.21

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4.8.2.22

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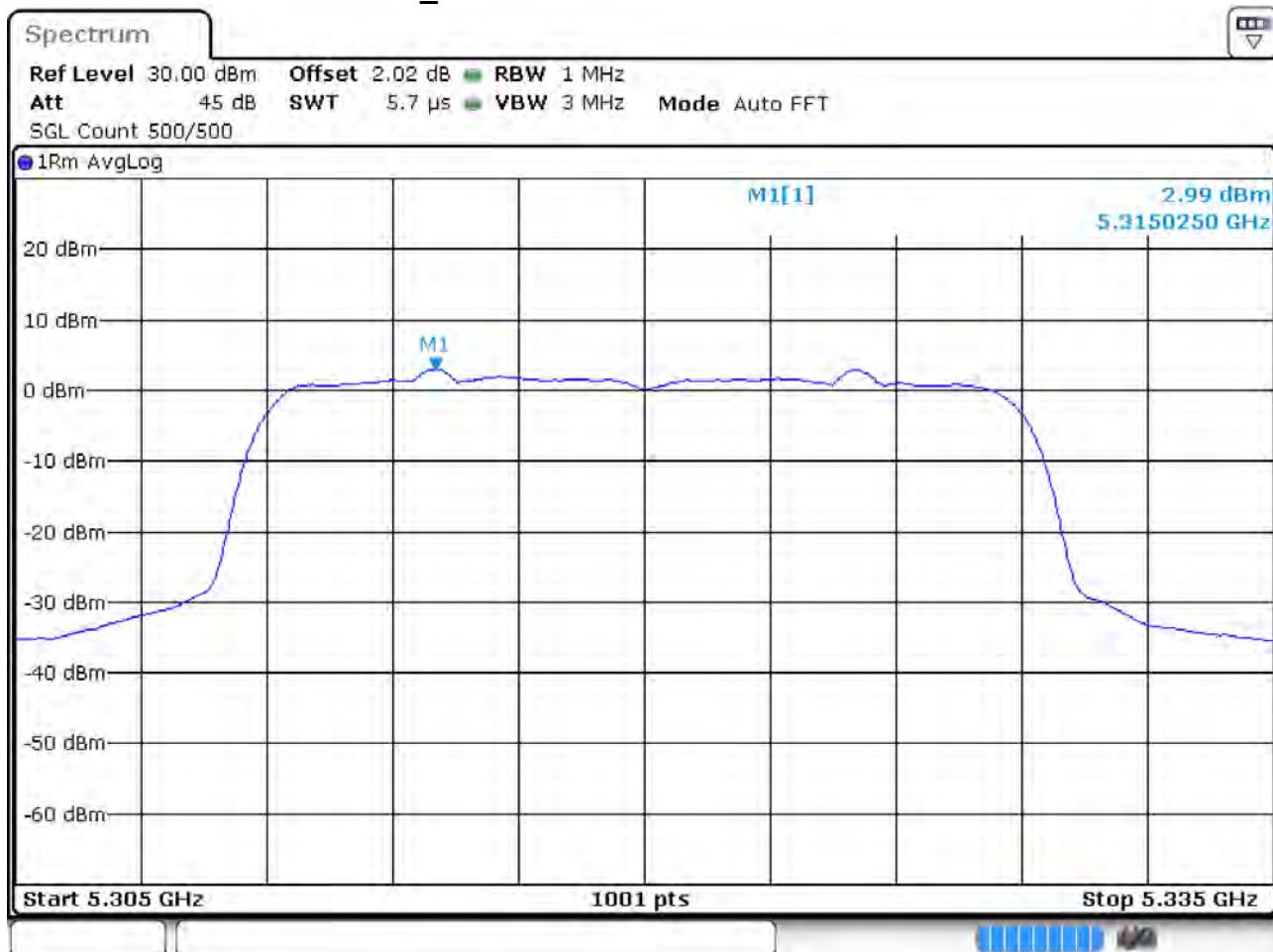
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4.8.2.23

11N20MIMO_64 ANT 1



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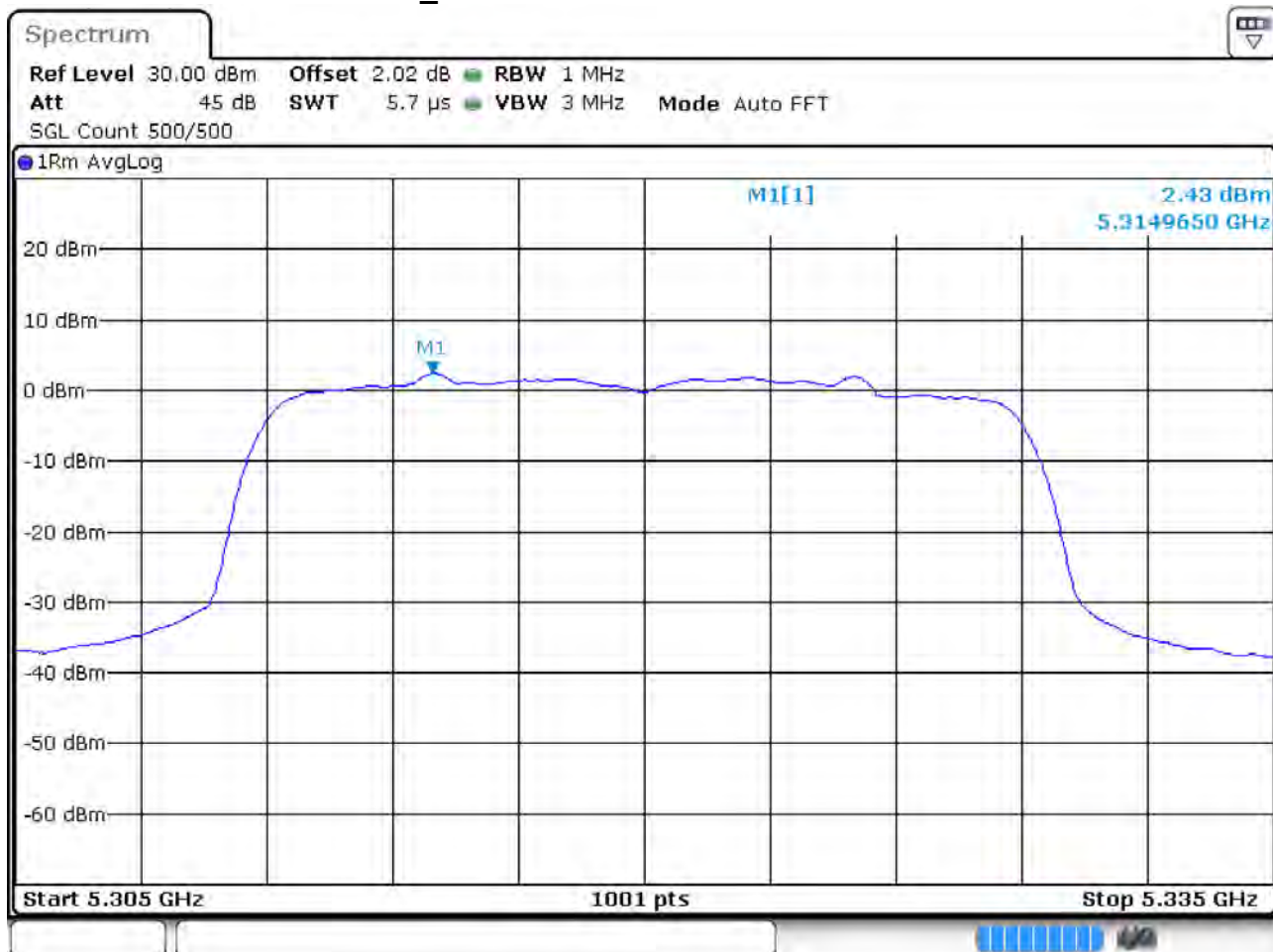
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4.8.2.24

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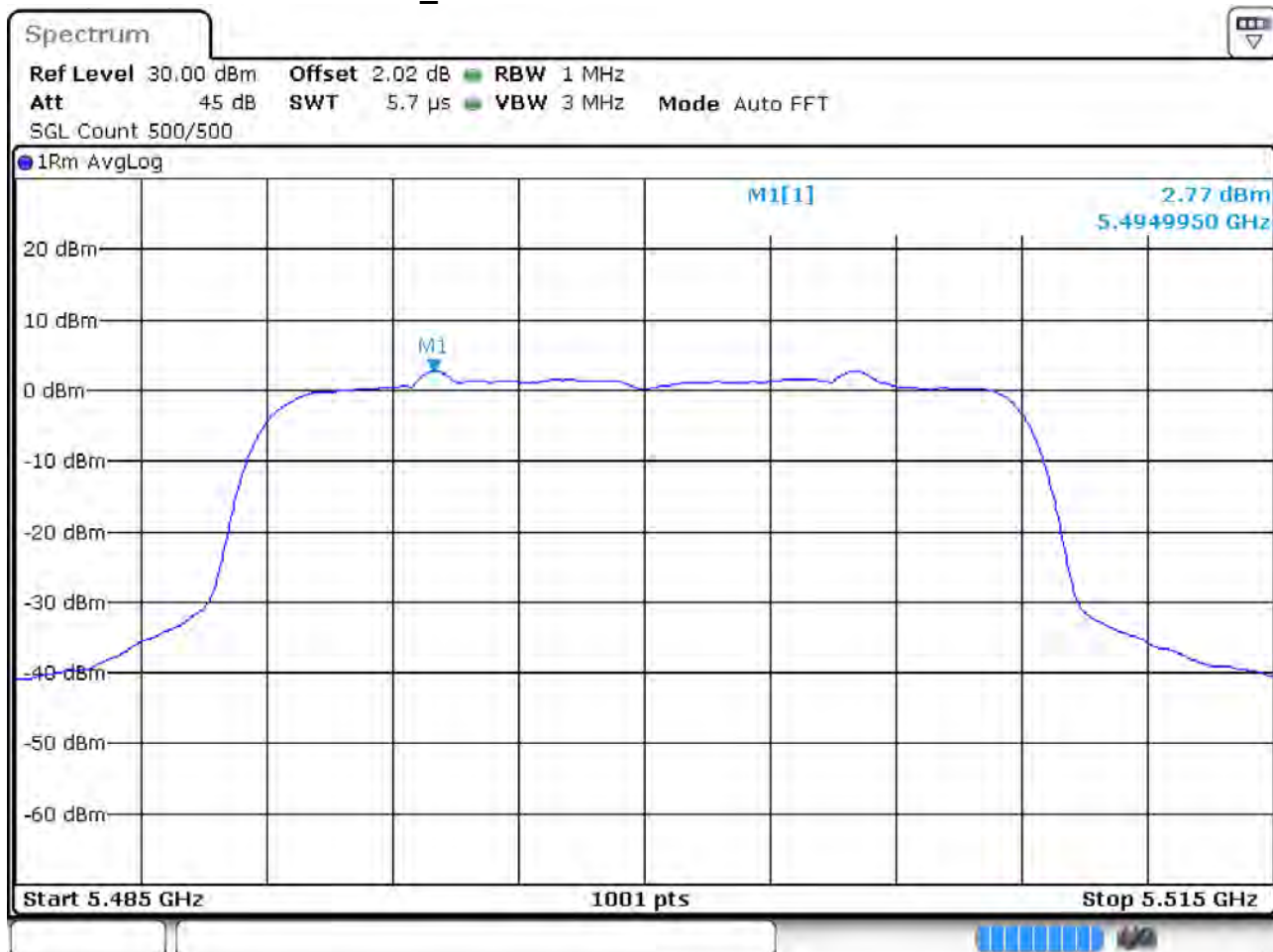
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4.8.2.25

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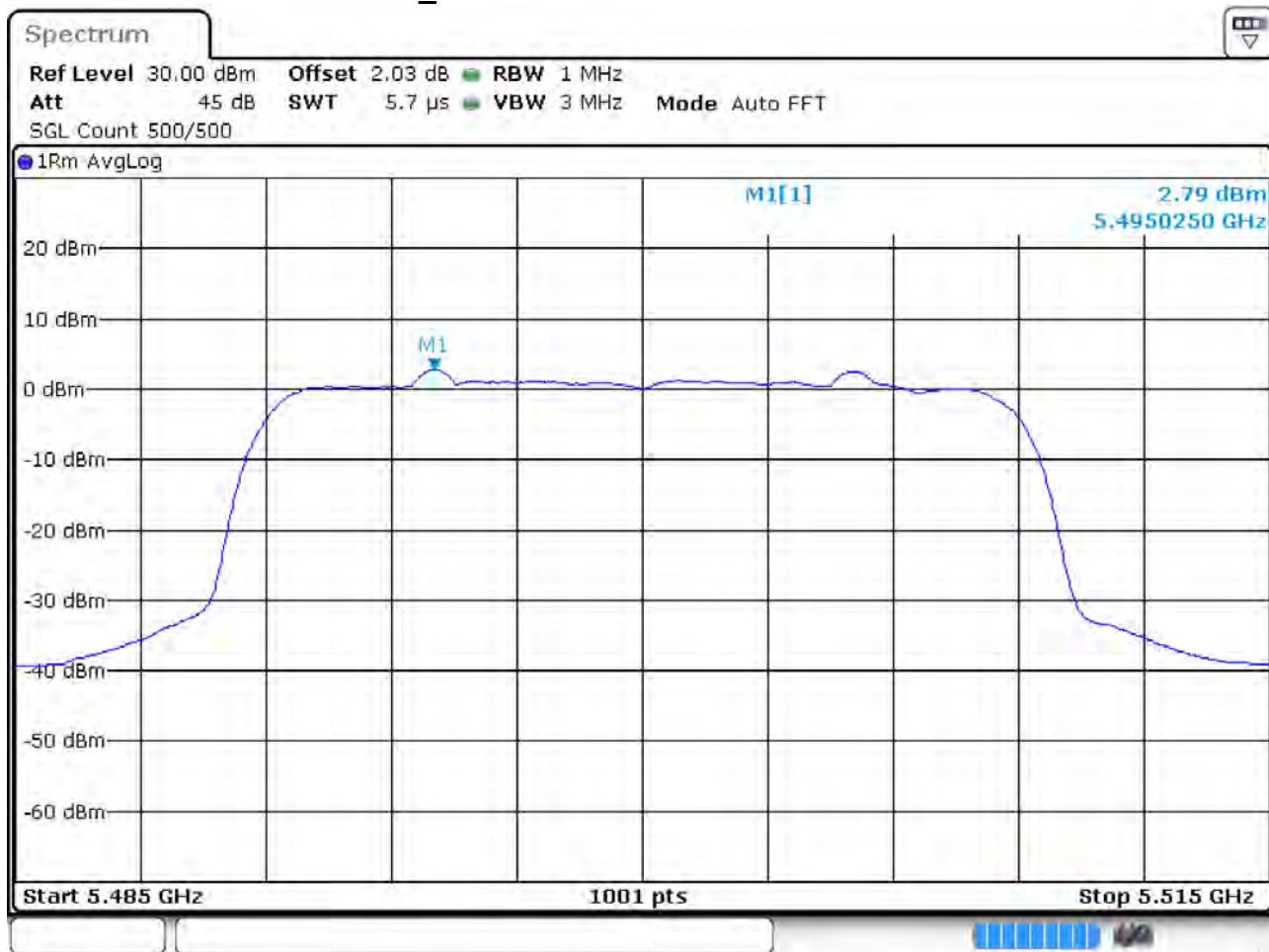
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4.8.2.26

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4.8.2.27

11N20MIMO_140 ANT 1



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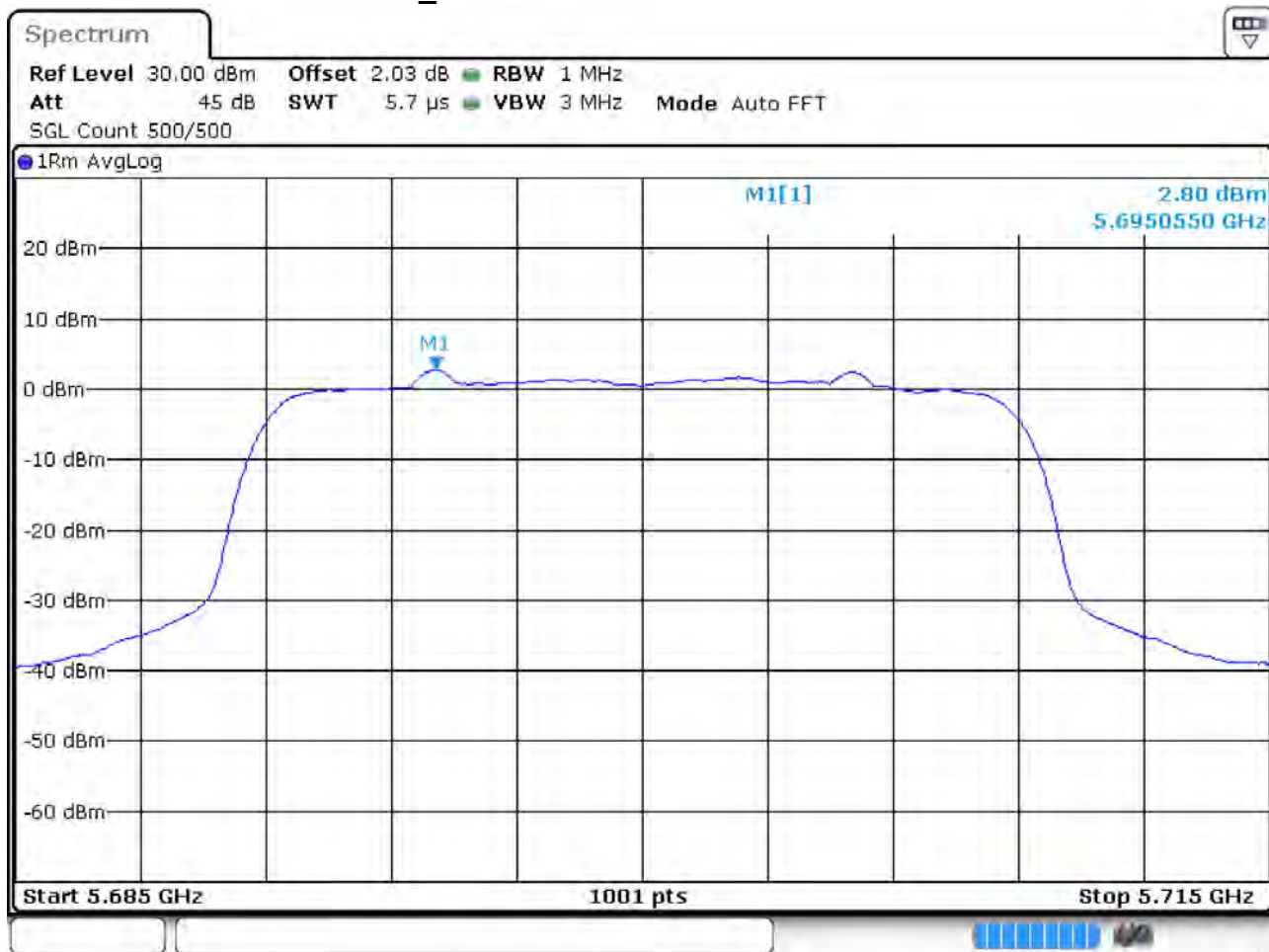
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4.8.2.28

11N20MIMO_140 ANT 2



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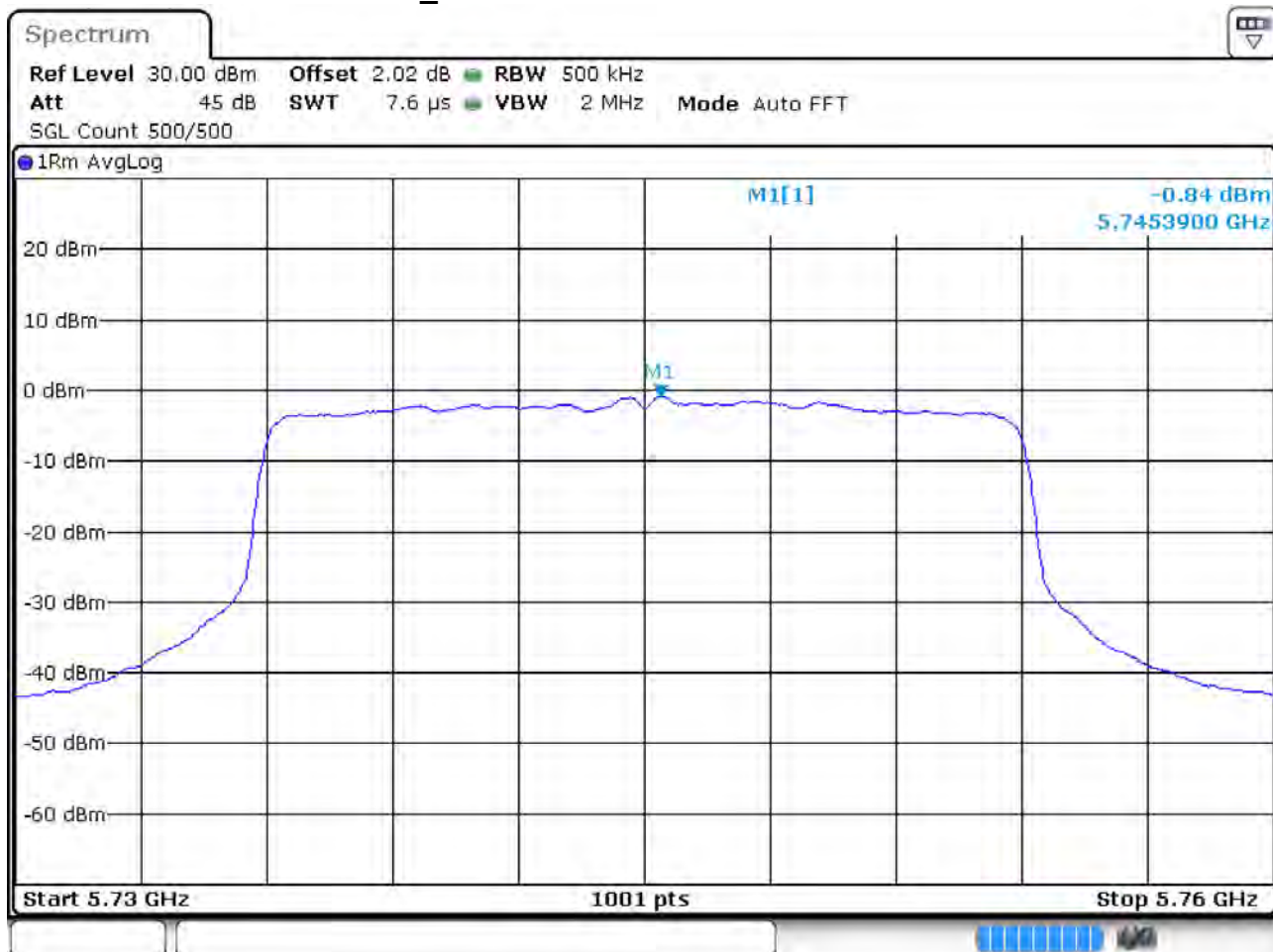
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4.8.2.29

11N20MIMO_149 ANT 1



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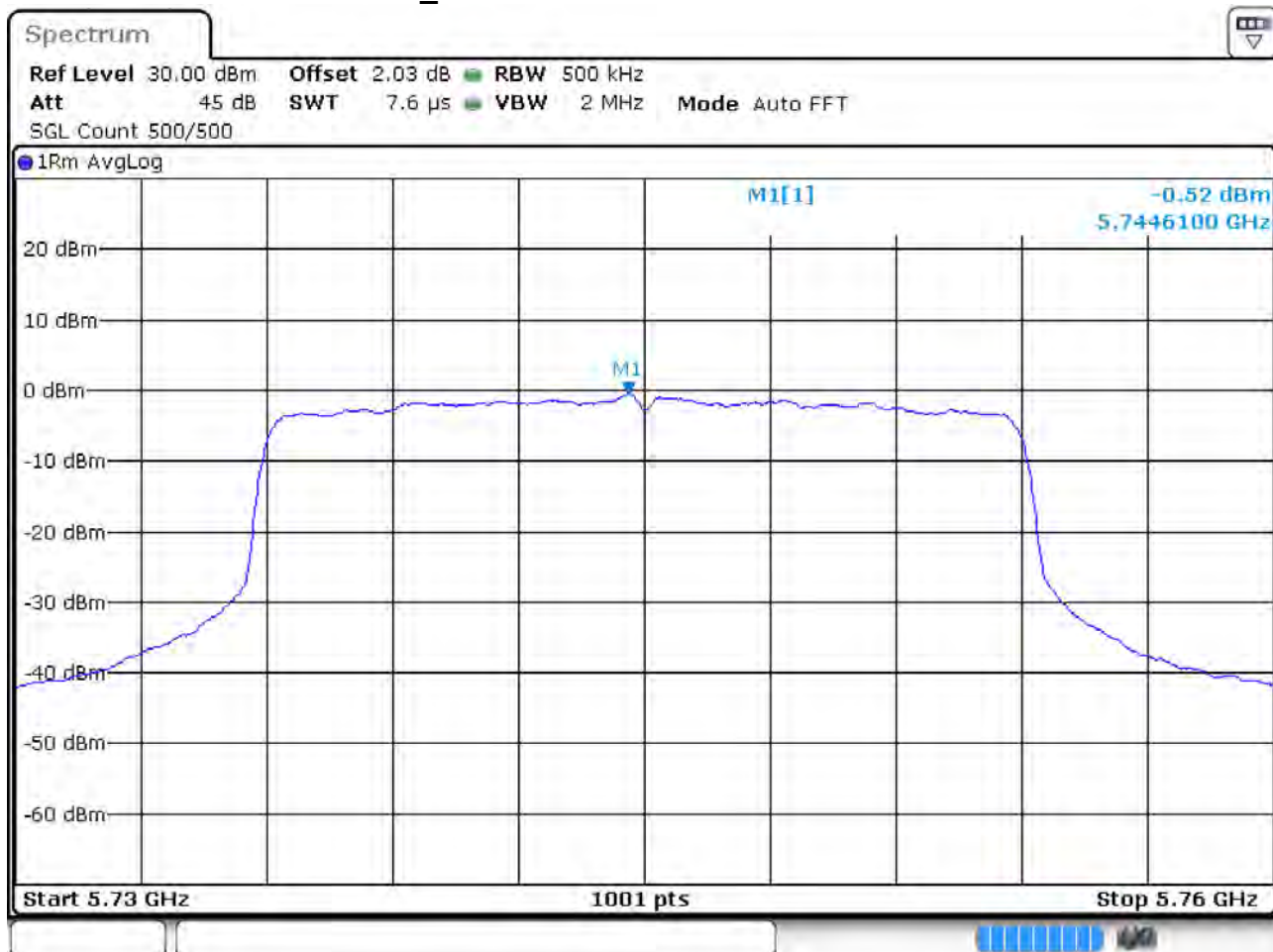
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4.8.2.30

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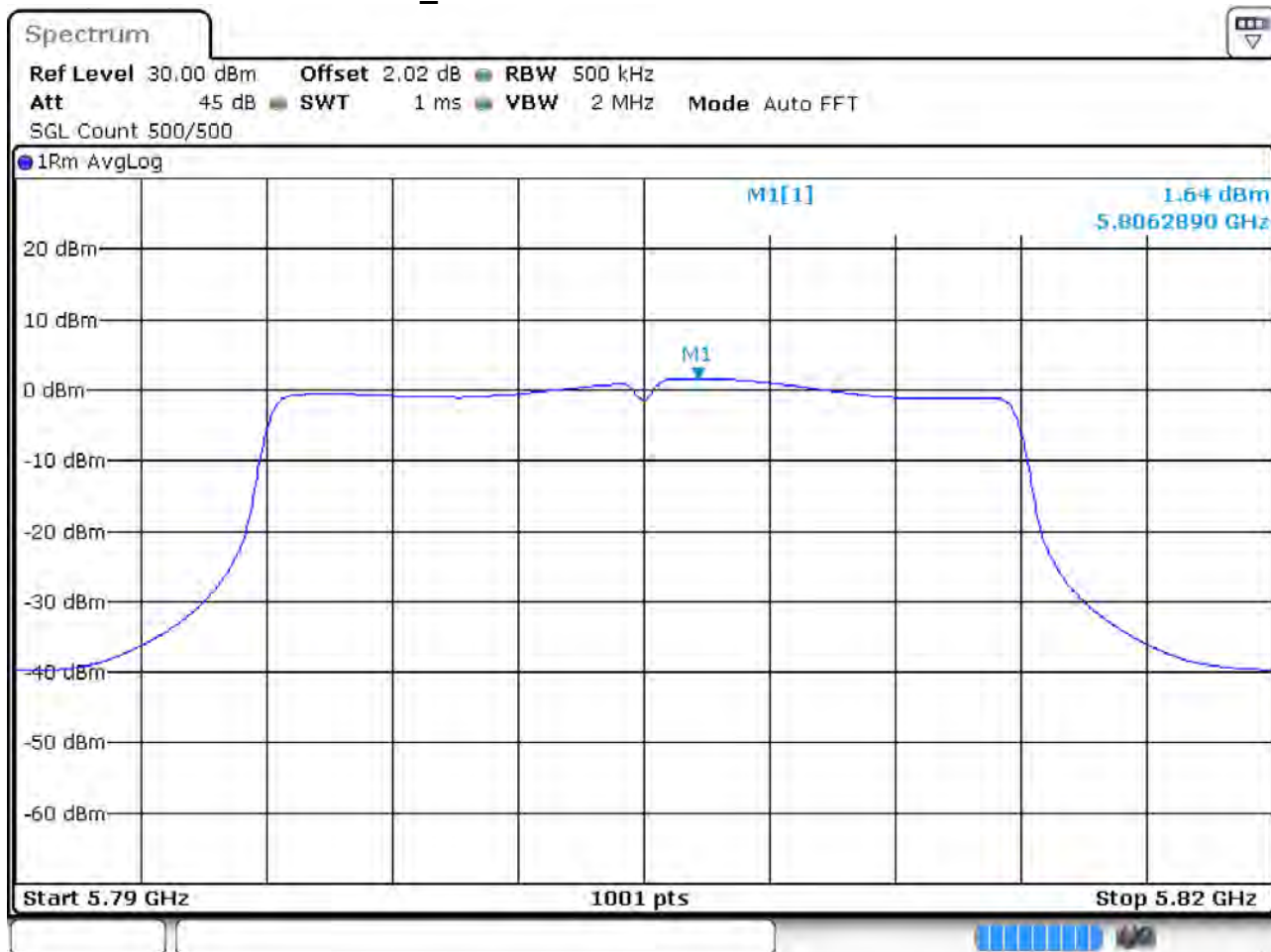
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4.8.2.31

11N20MIMO_161 ANT 1



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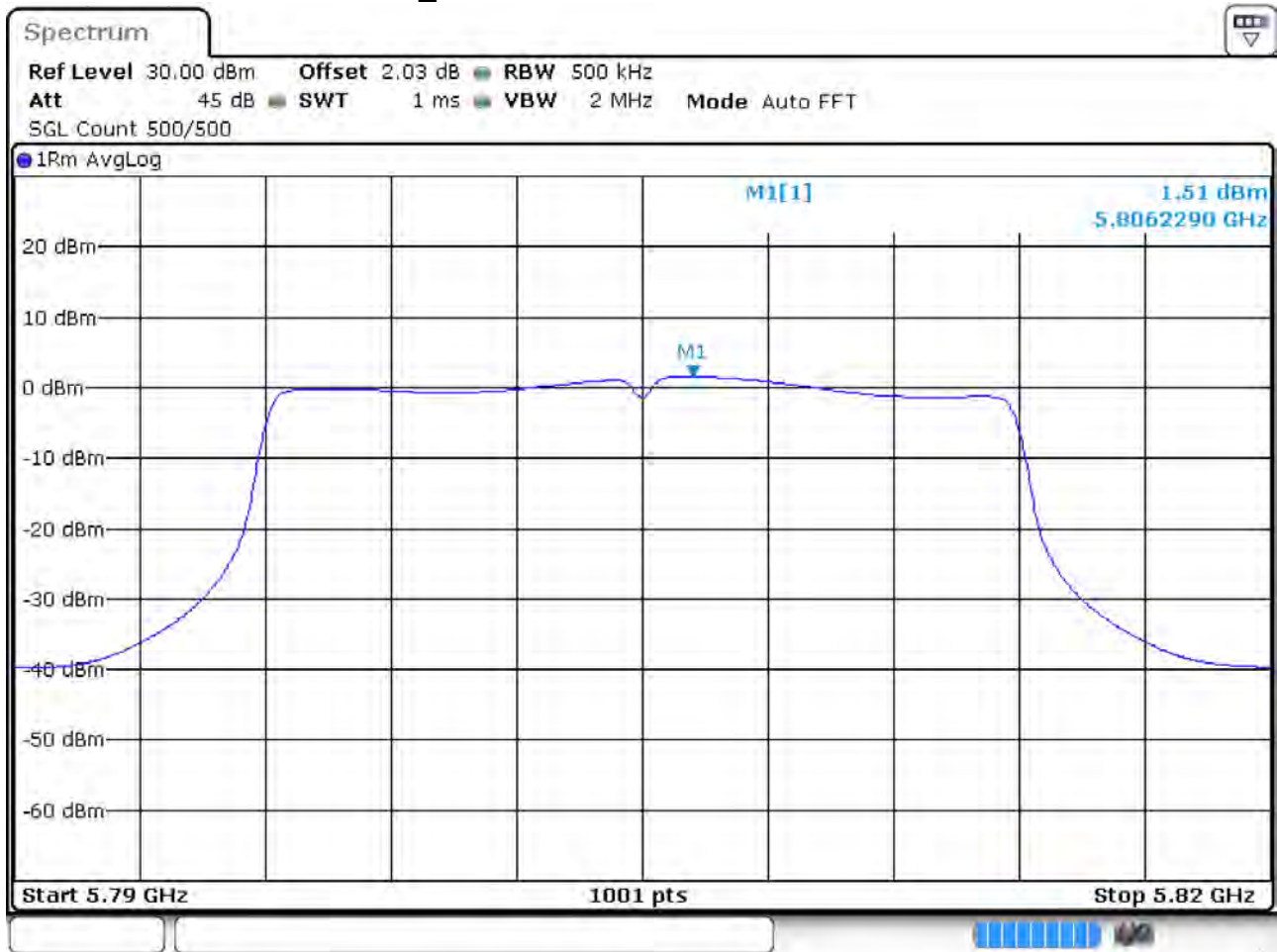
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4.8.2.32

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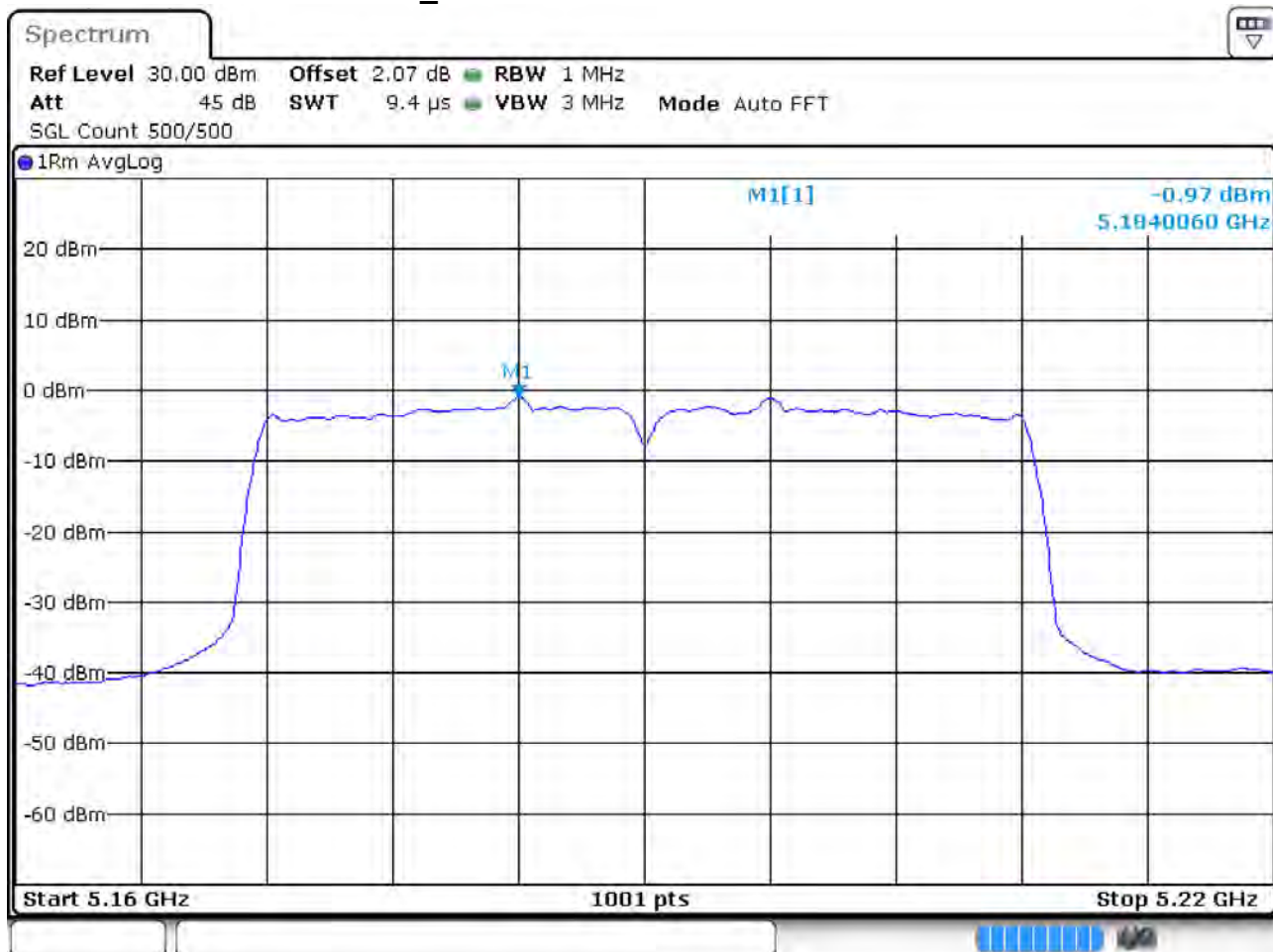
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4.8.2.33

11N40MIMO_38 ANT 1



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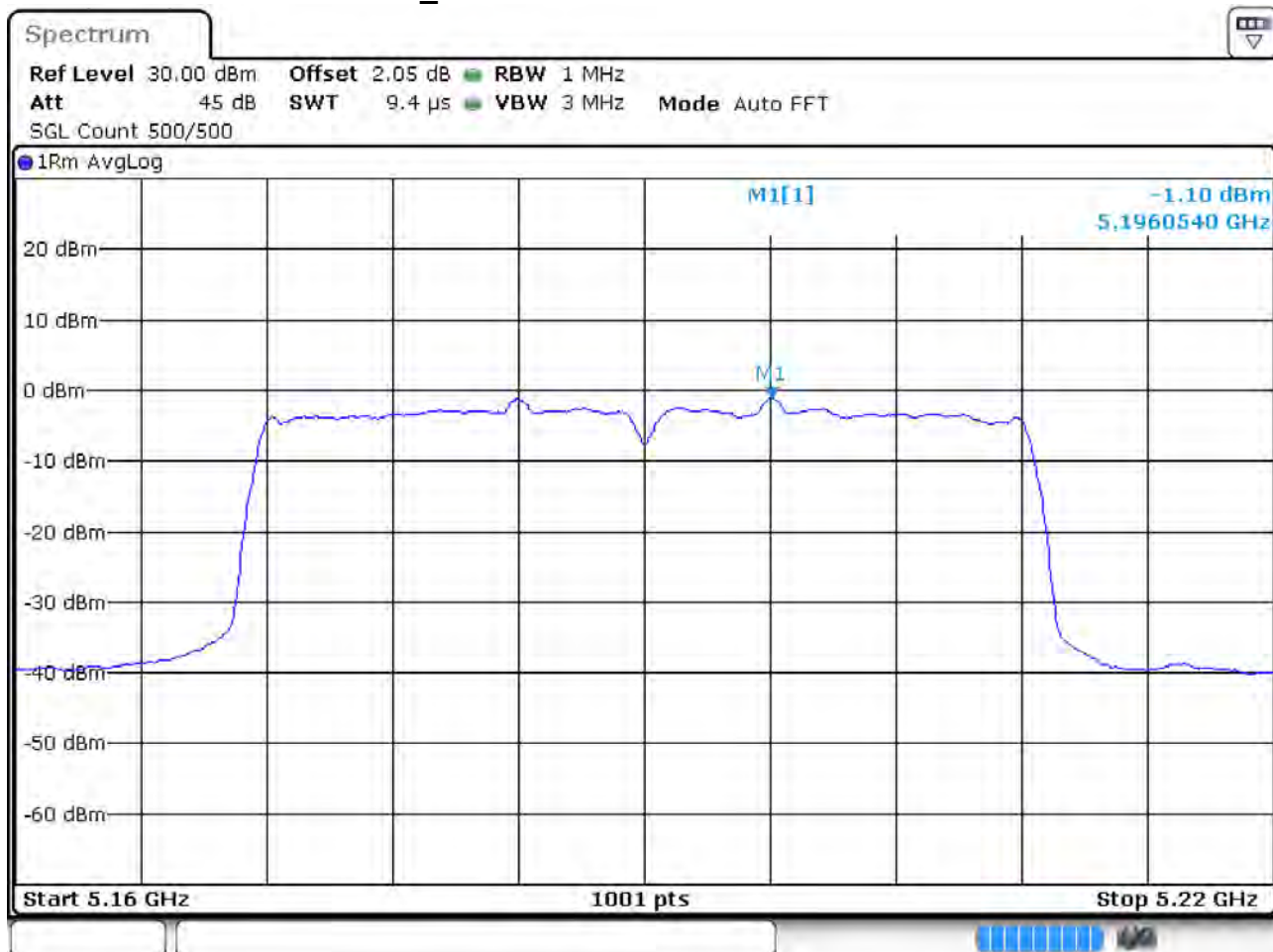
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4.8.2.34

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4.8.2.35

11N40MIMO_46 ANT 1



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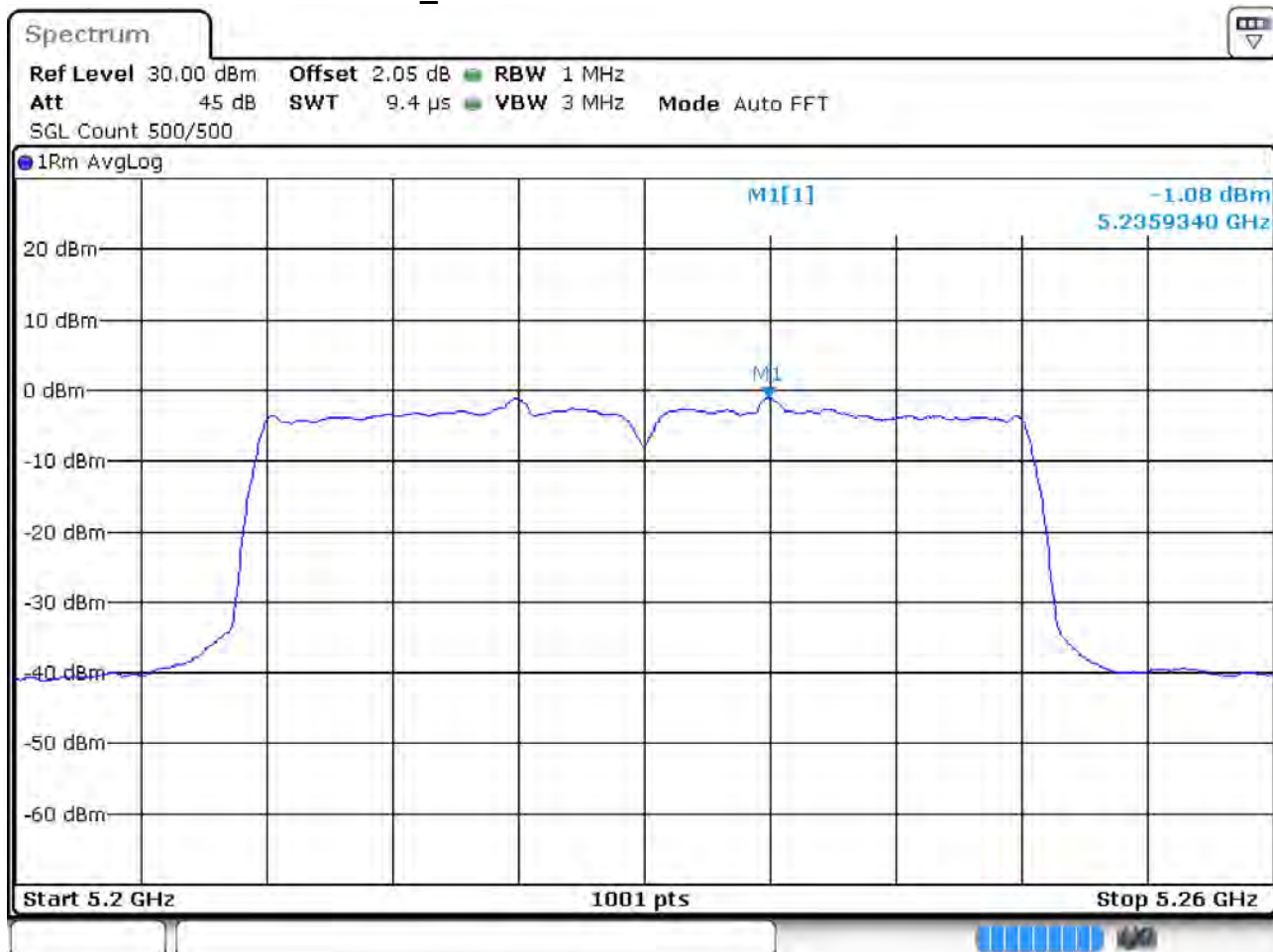
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4.8.2.36

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4.8.2.37

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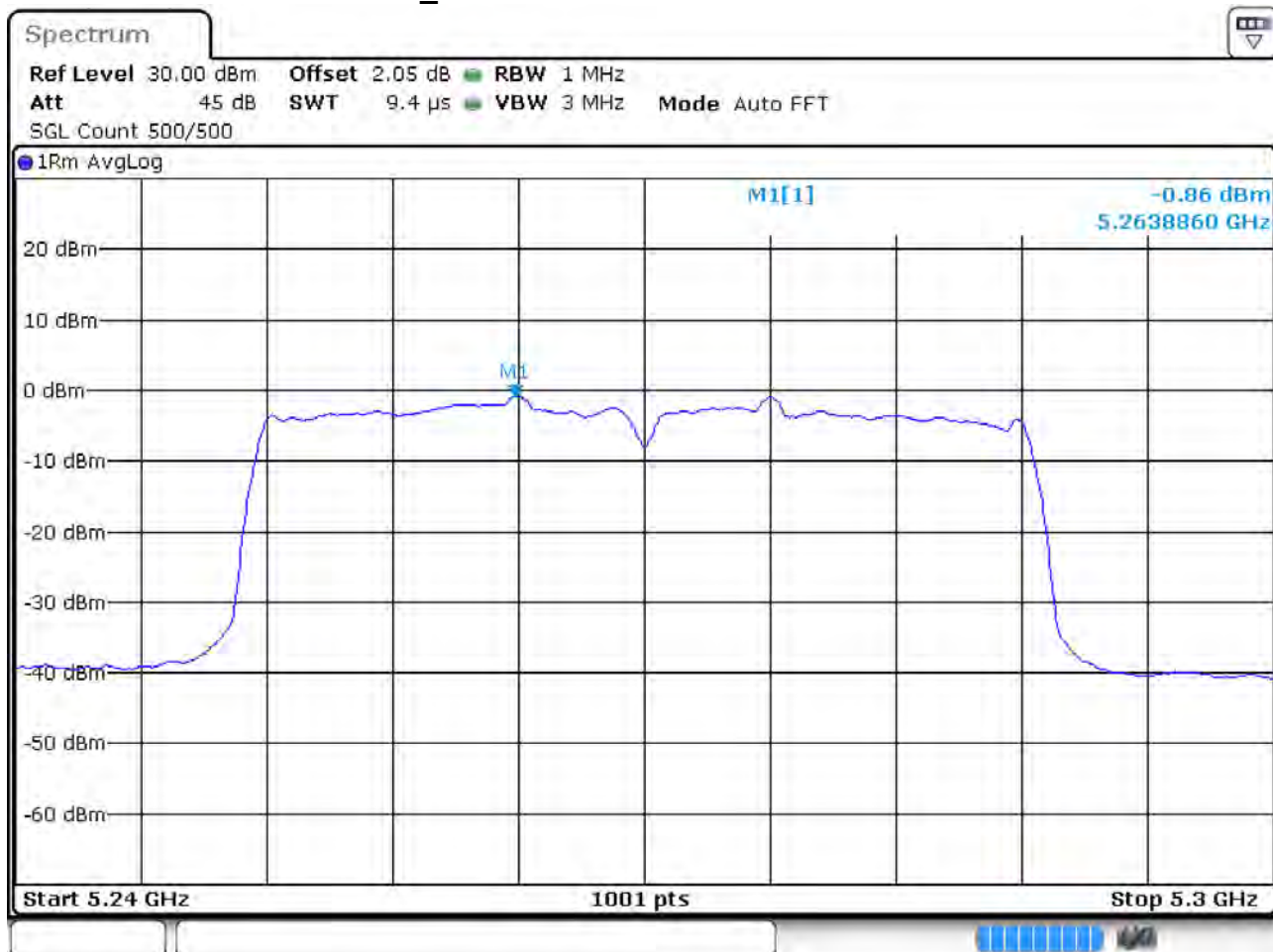
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4.8.2.38

11N40MIMO_54 ANT 2



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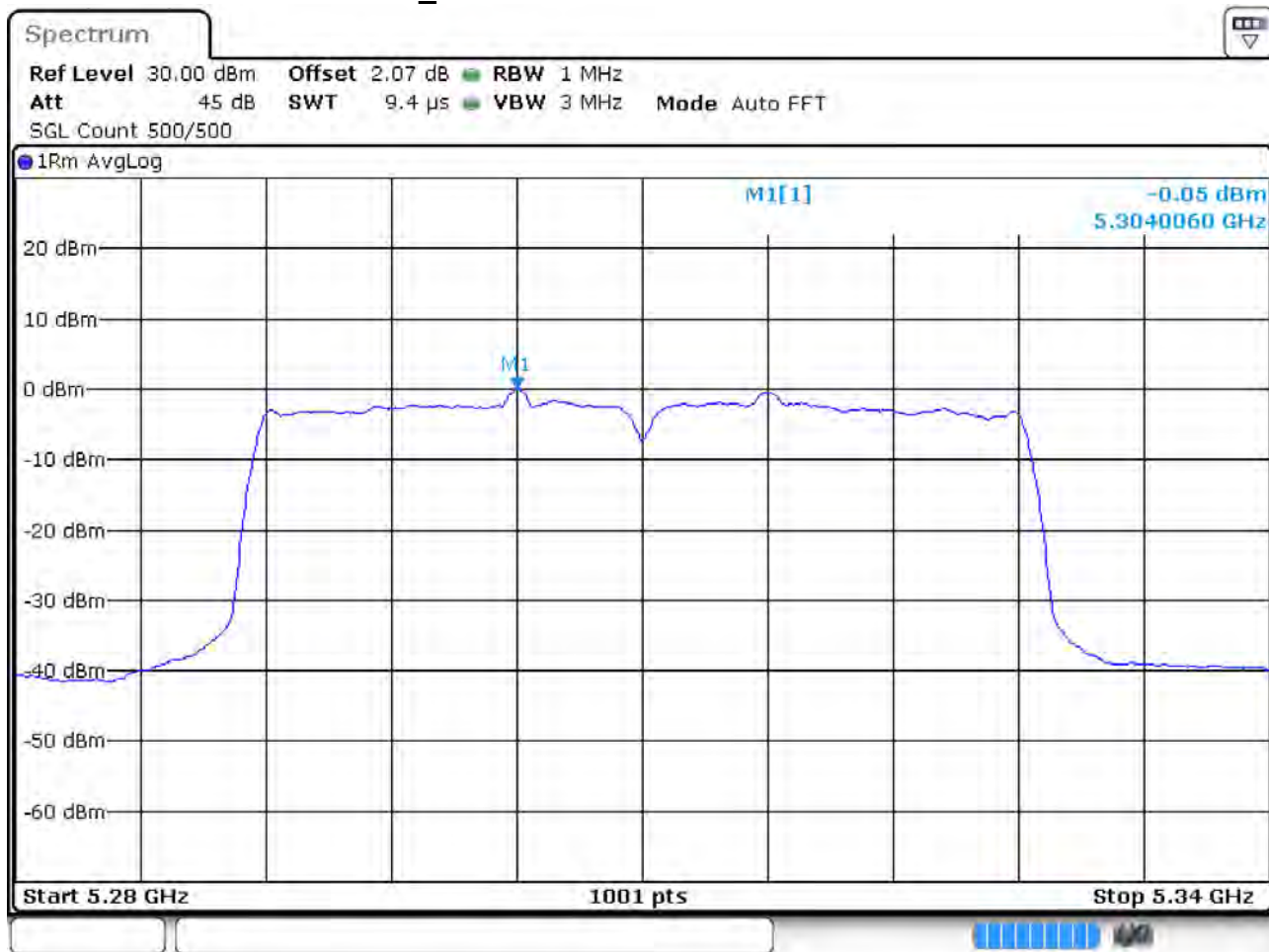
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4.8.2.39

11N40MIMO_62 ANT 1



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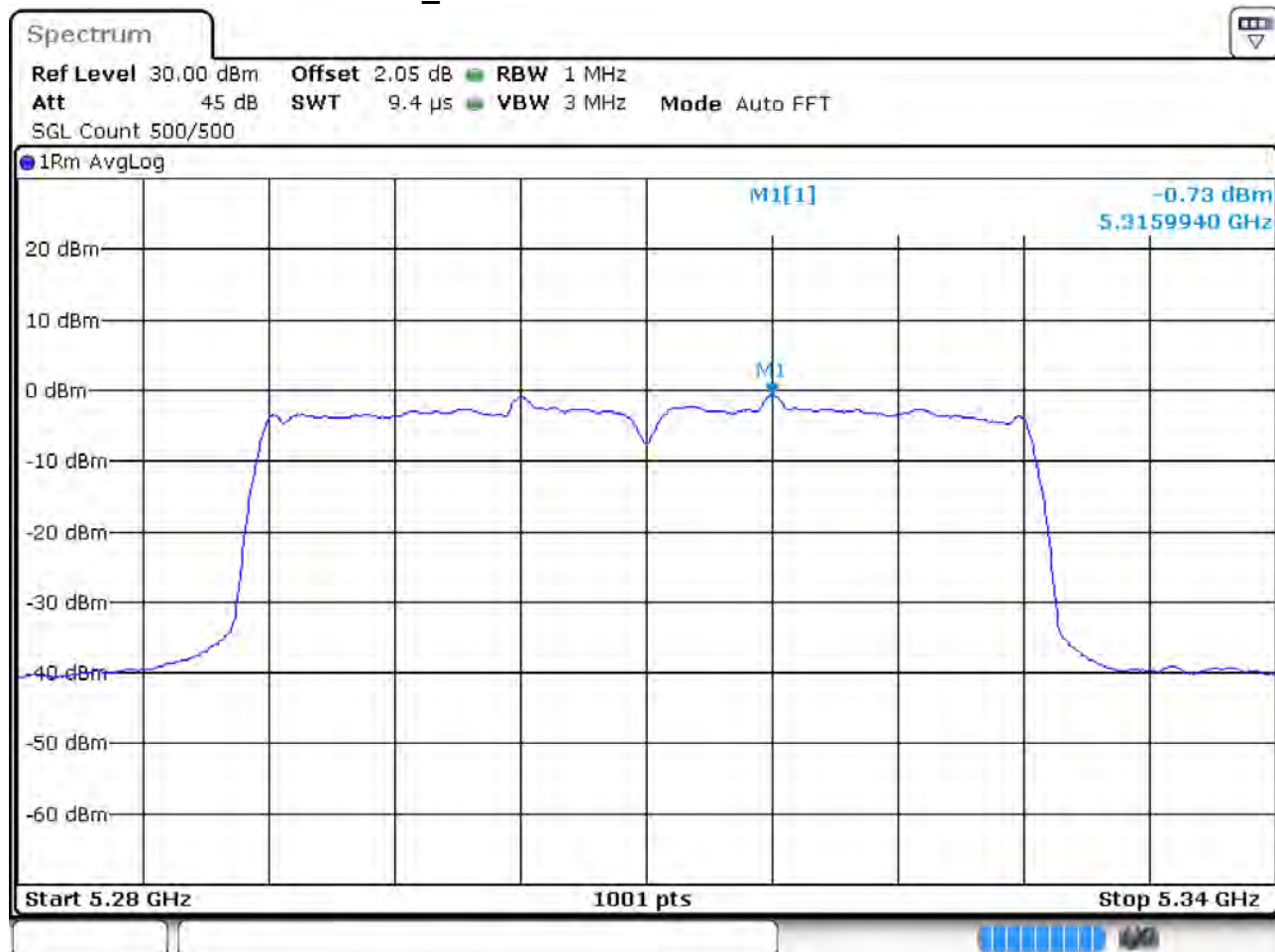
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4.8.2.40

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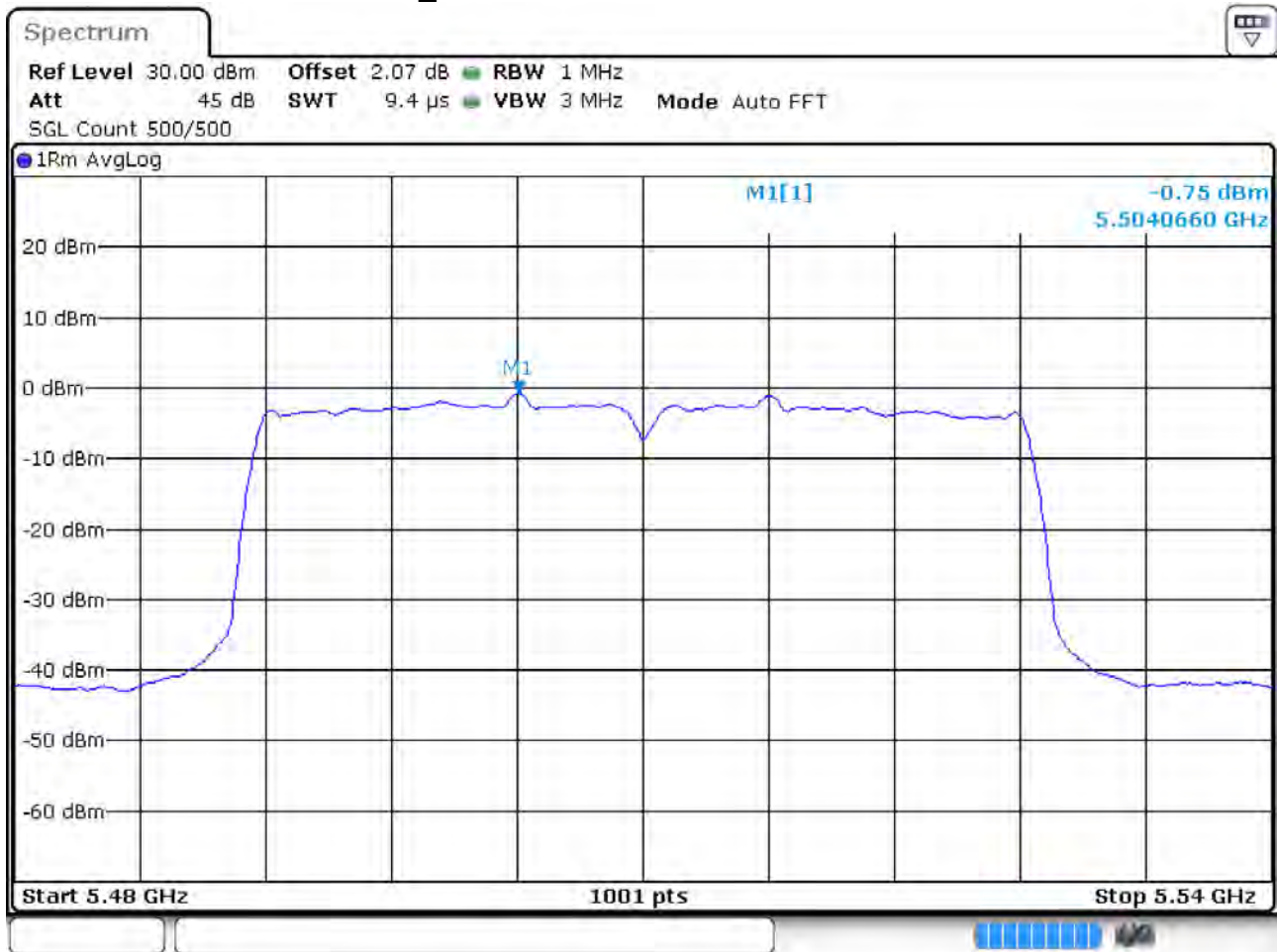
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4.8.2.41

11N40MIMO_102 ANT 1



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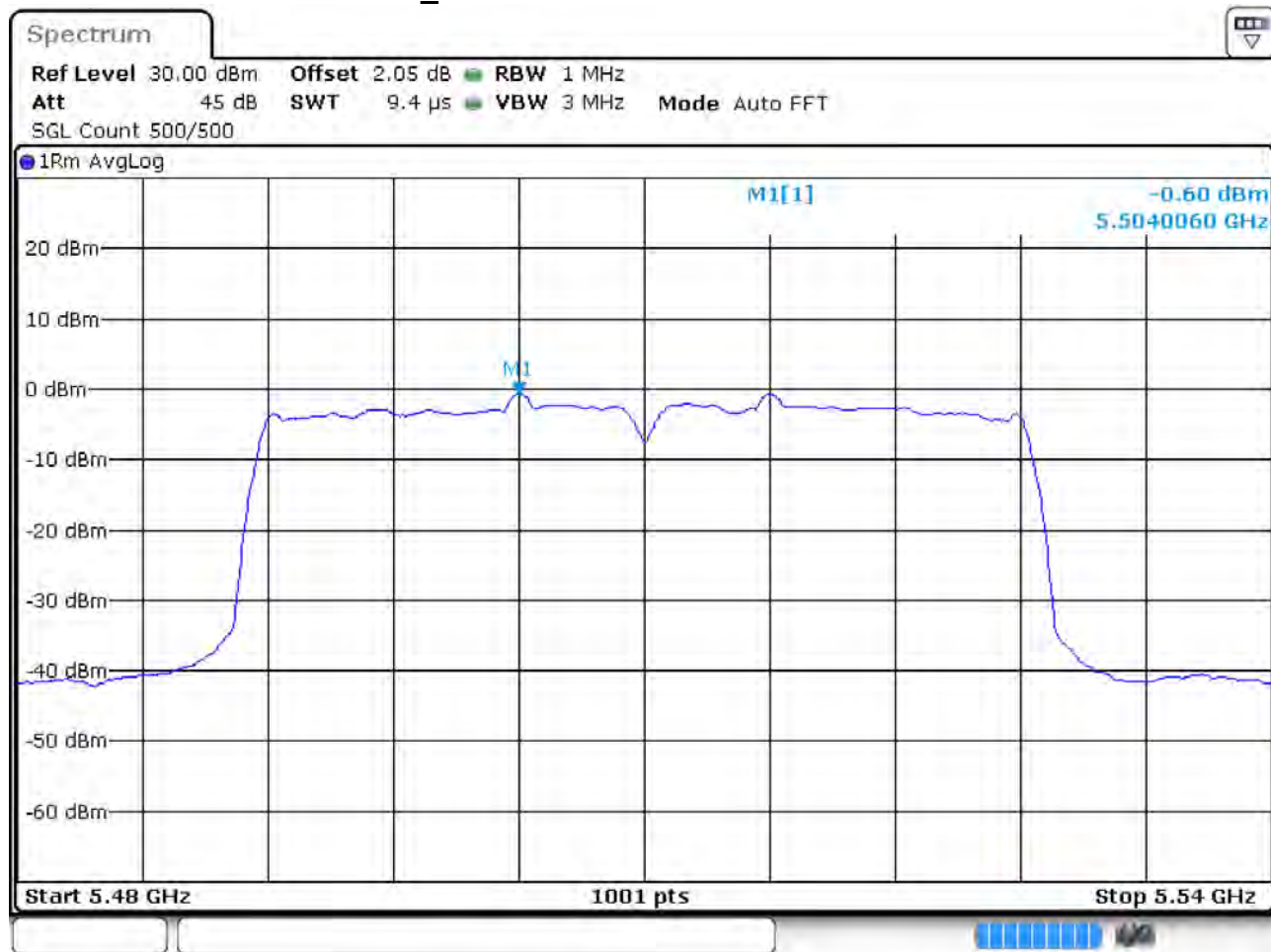
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4.8.2.42

11N40MIMO_102 ANT 2



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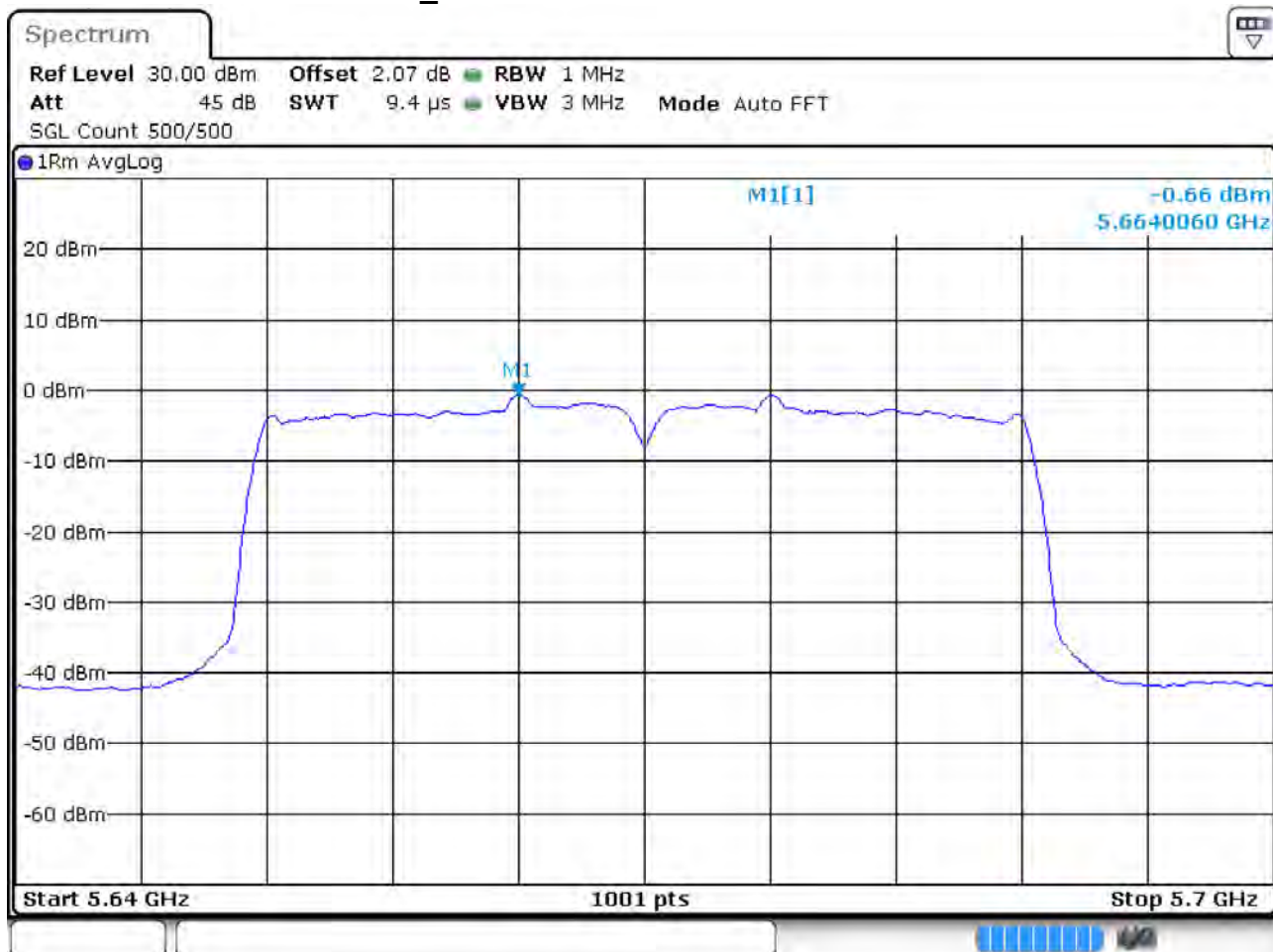
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4.8.2.43

11N40MIMO_134 ANT 1



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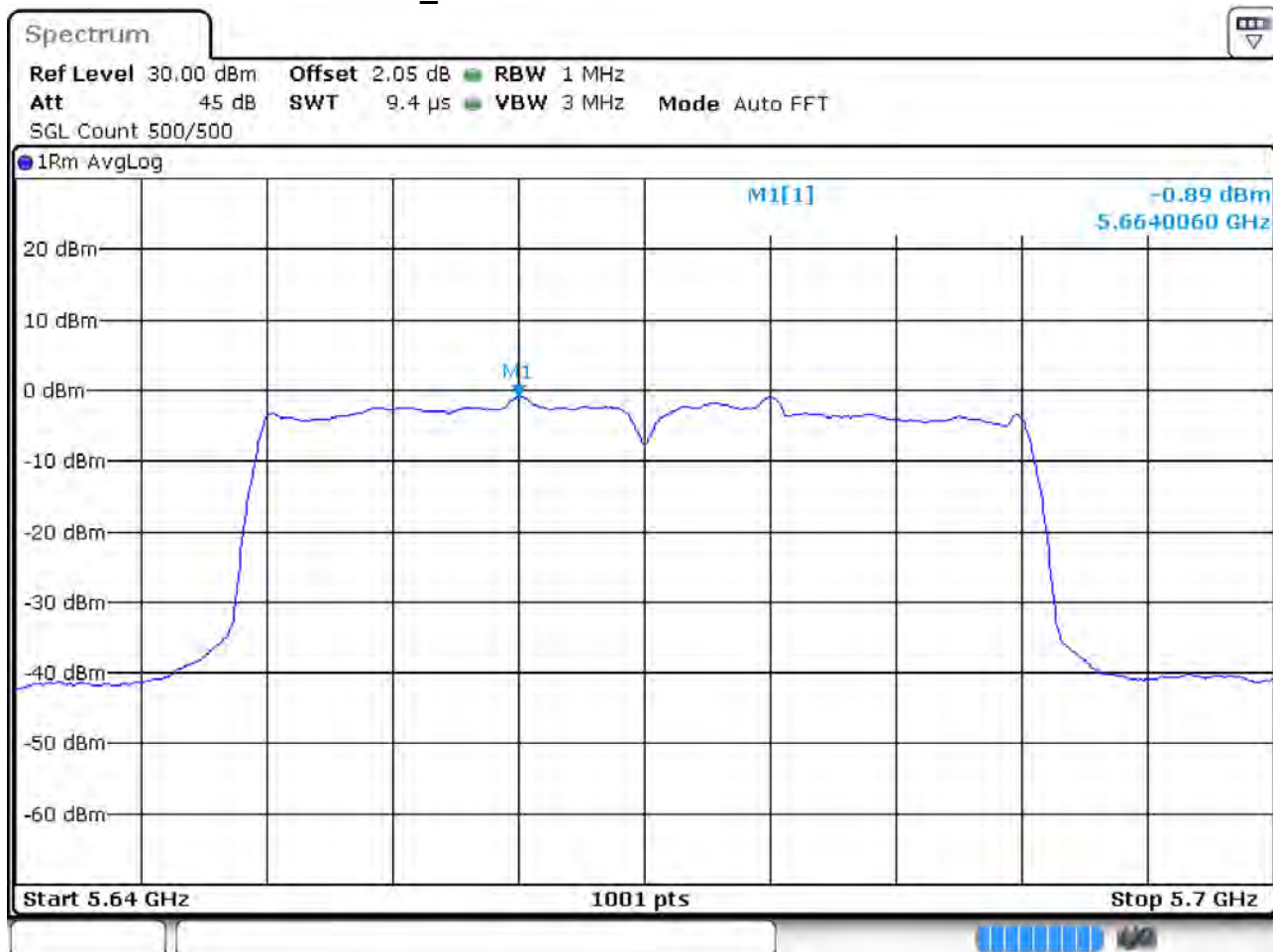
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4.8.2.44

11N40MIMO_134 ANT 2



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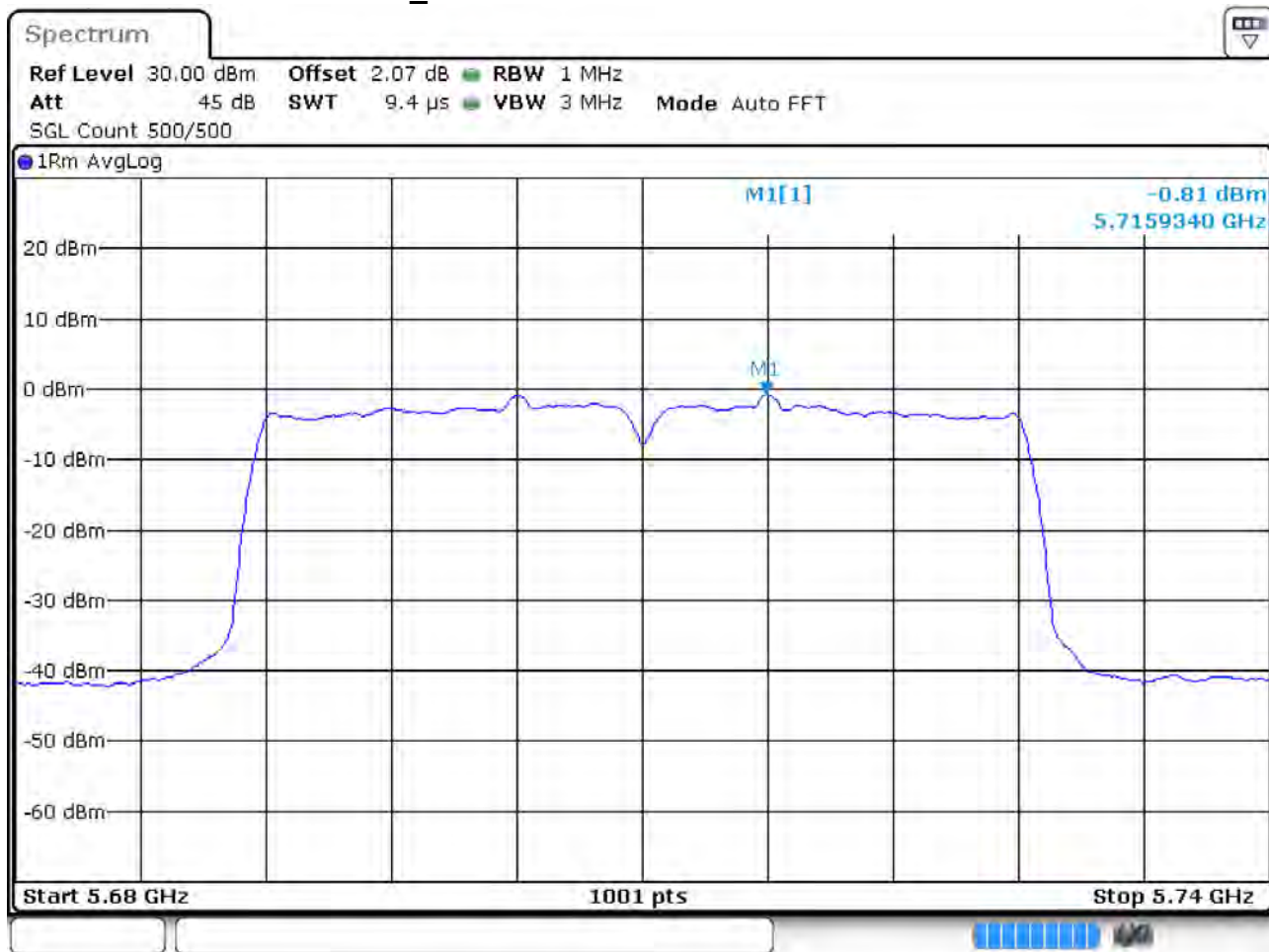
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4.8.2.45

11N40MIMO_142 ANT 1



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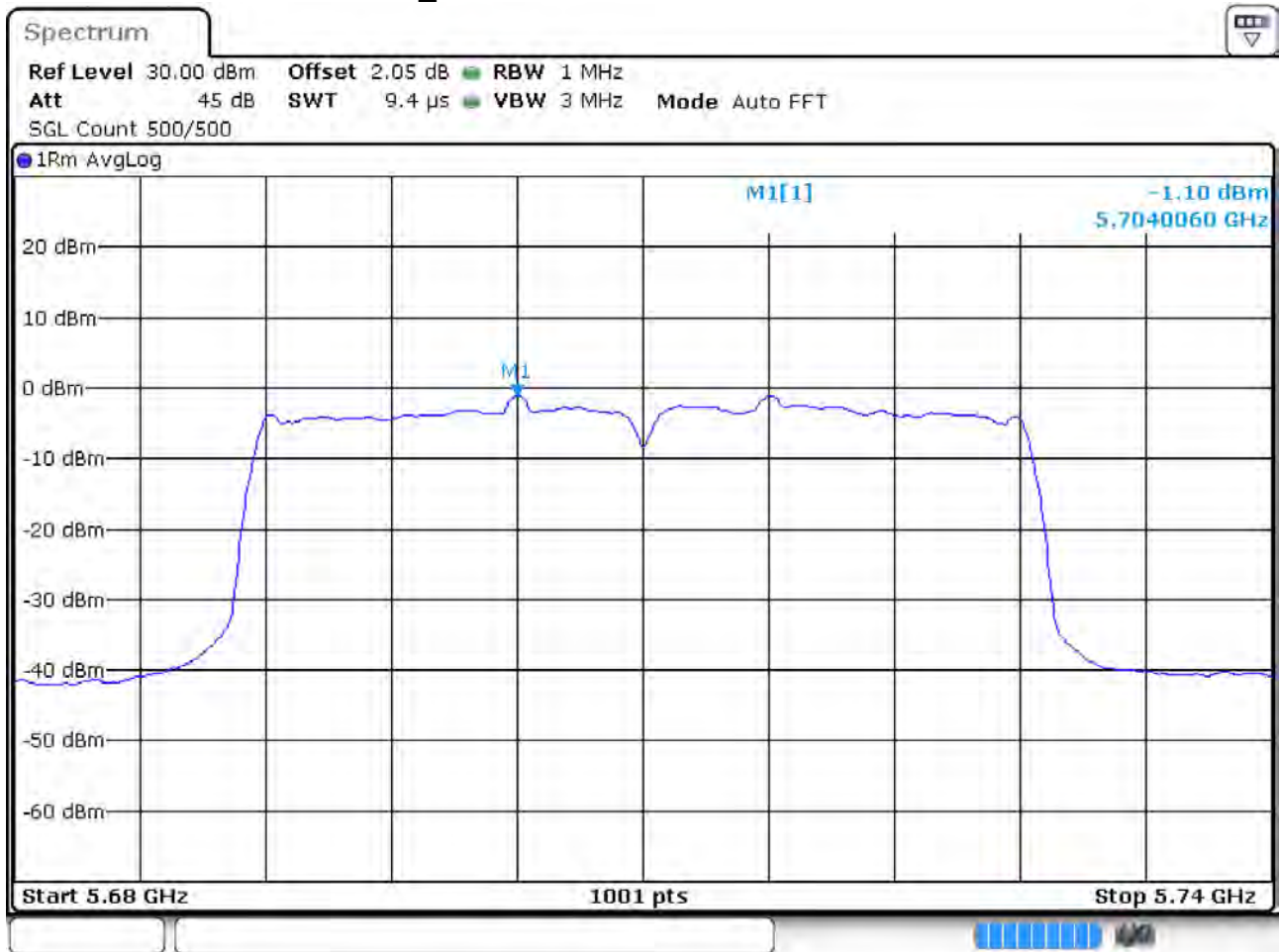
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4.8.2.46

11N40MIMO_142 ANT 2



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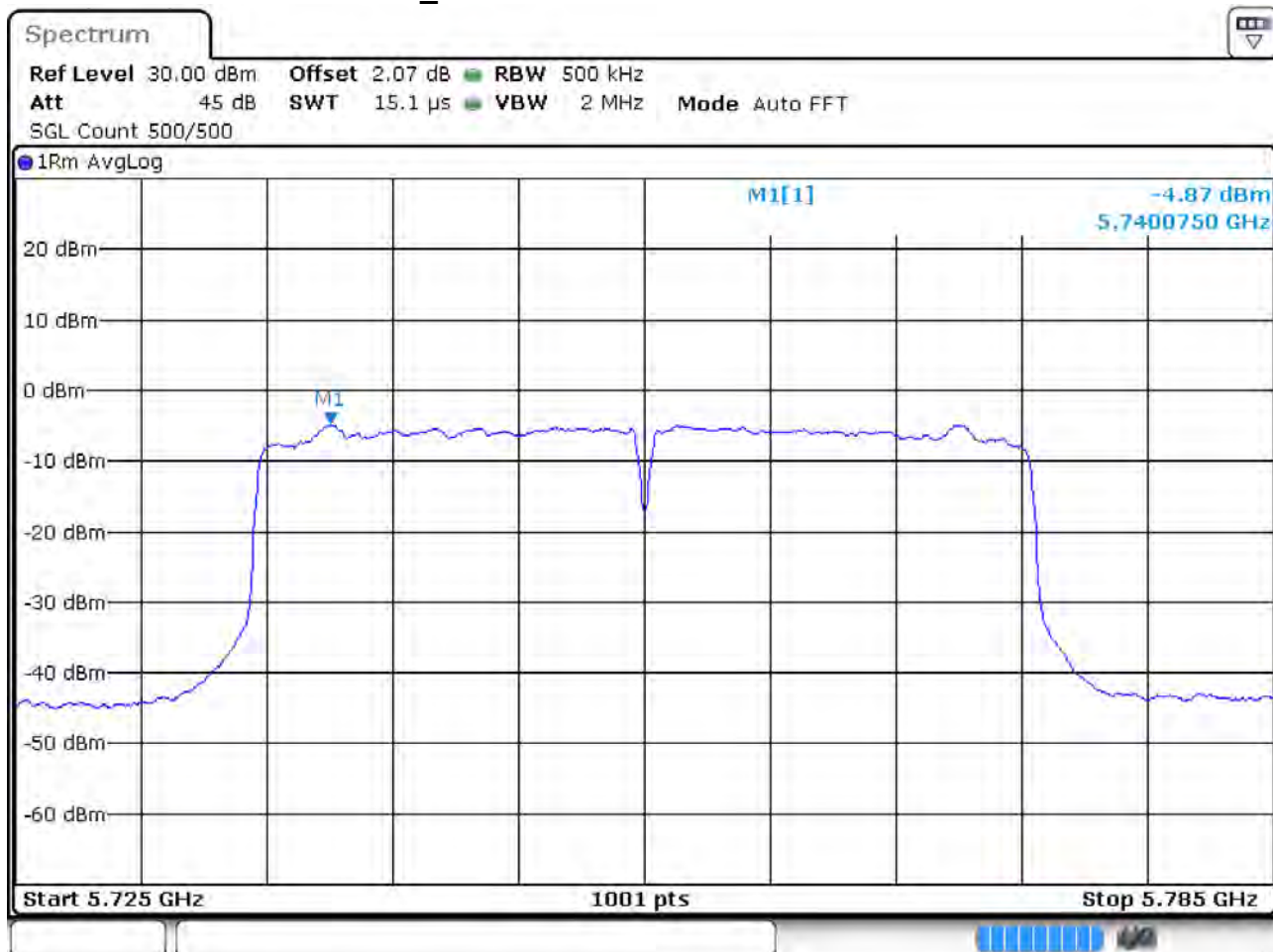
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4.8.2.47

11N40MIMO_151 ANT 1



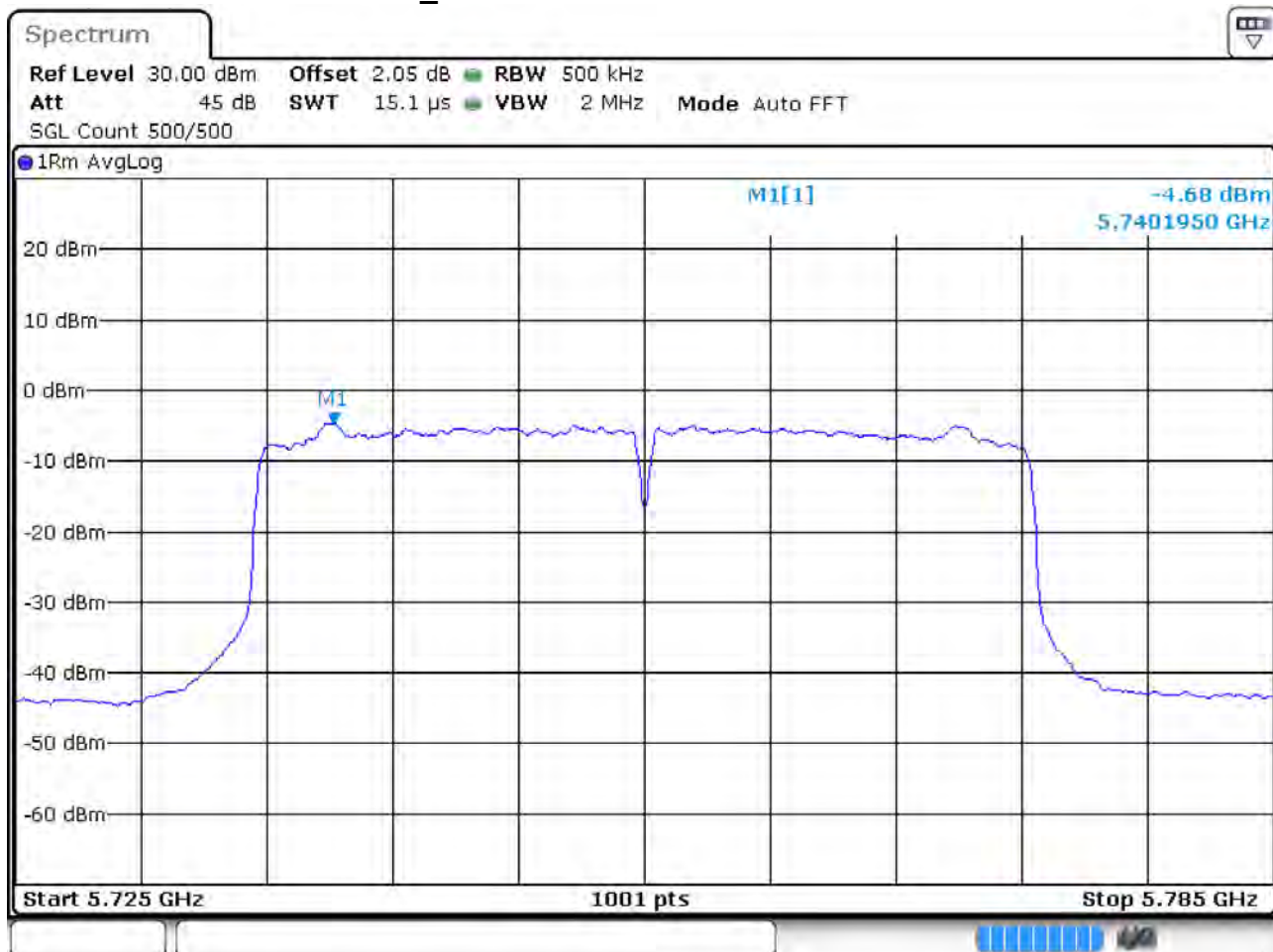
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4.8.2.48

11N40MIMO_151 ANT 2



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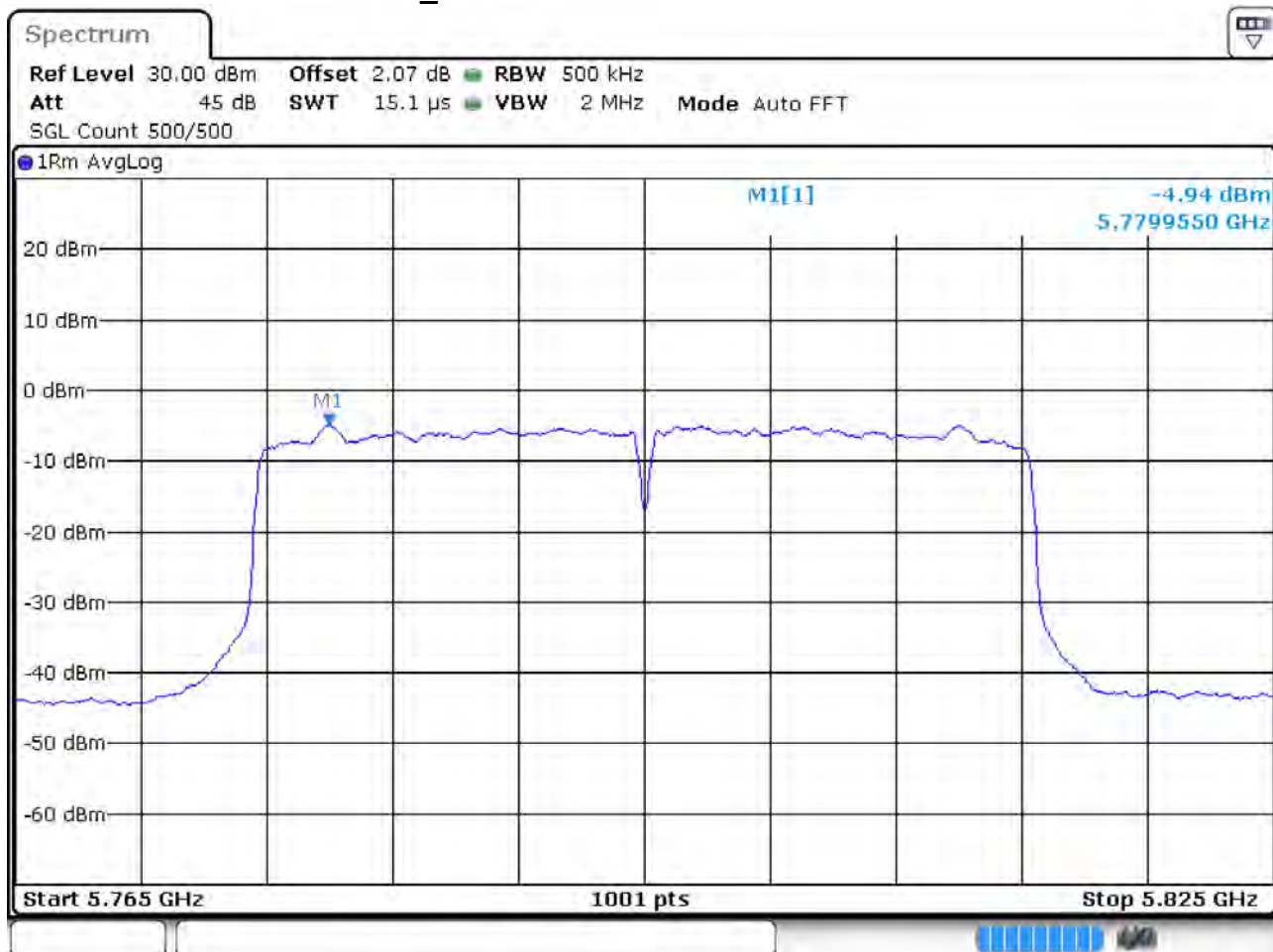
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4.8.2.49

11N40MIMO_159 ANT 1



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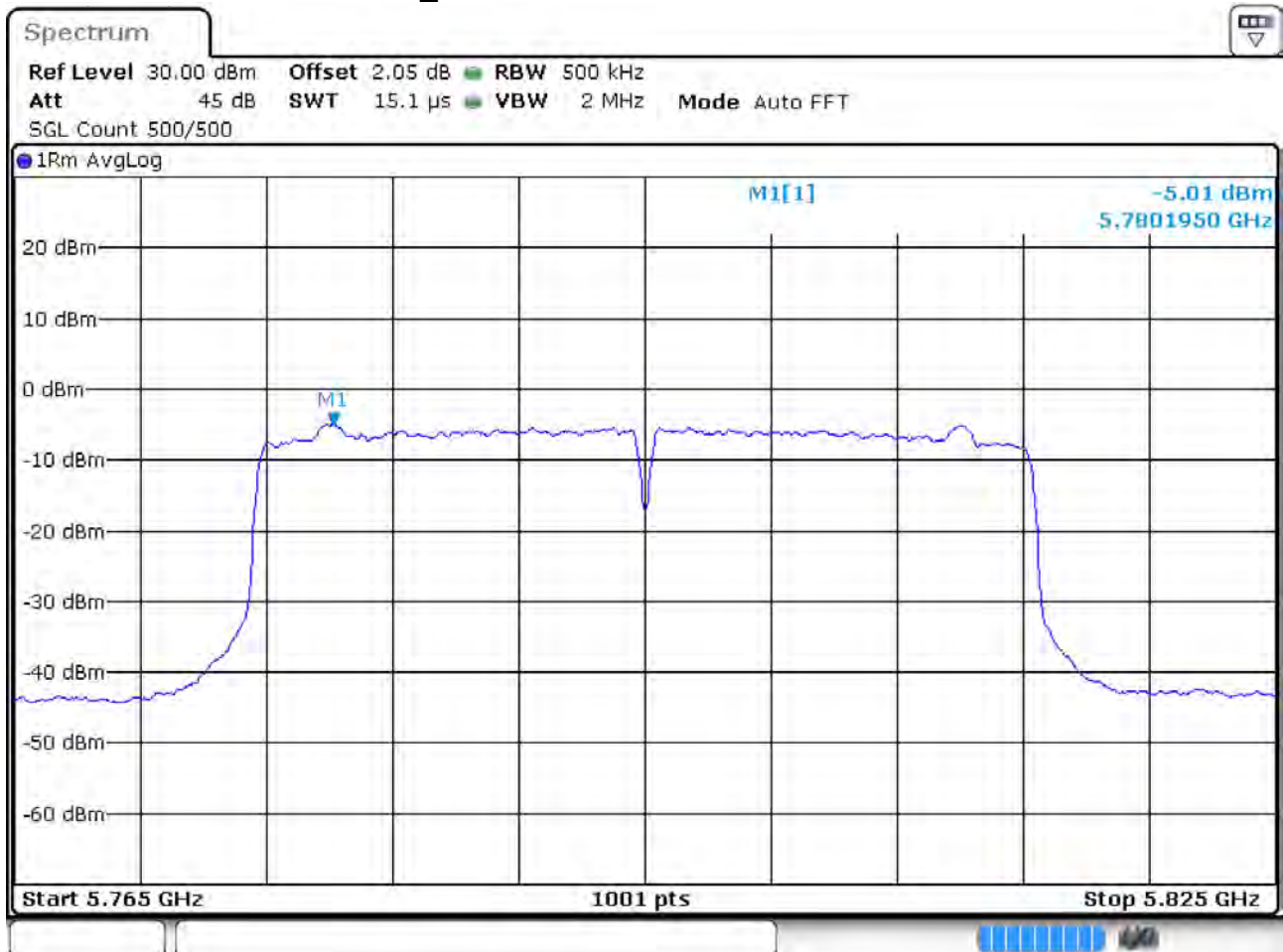
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4.8.2.50

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4.8.2.51

11AC20MIMO_36 ANT 1



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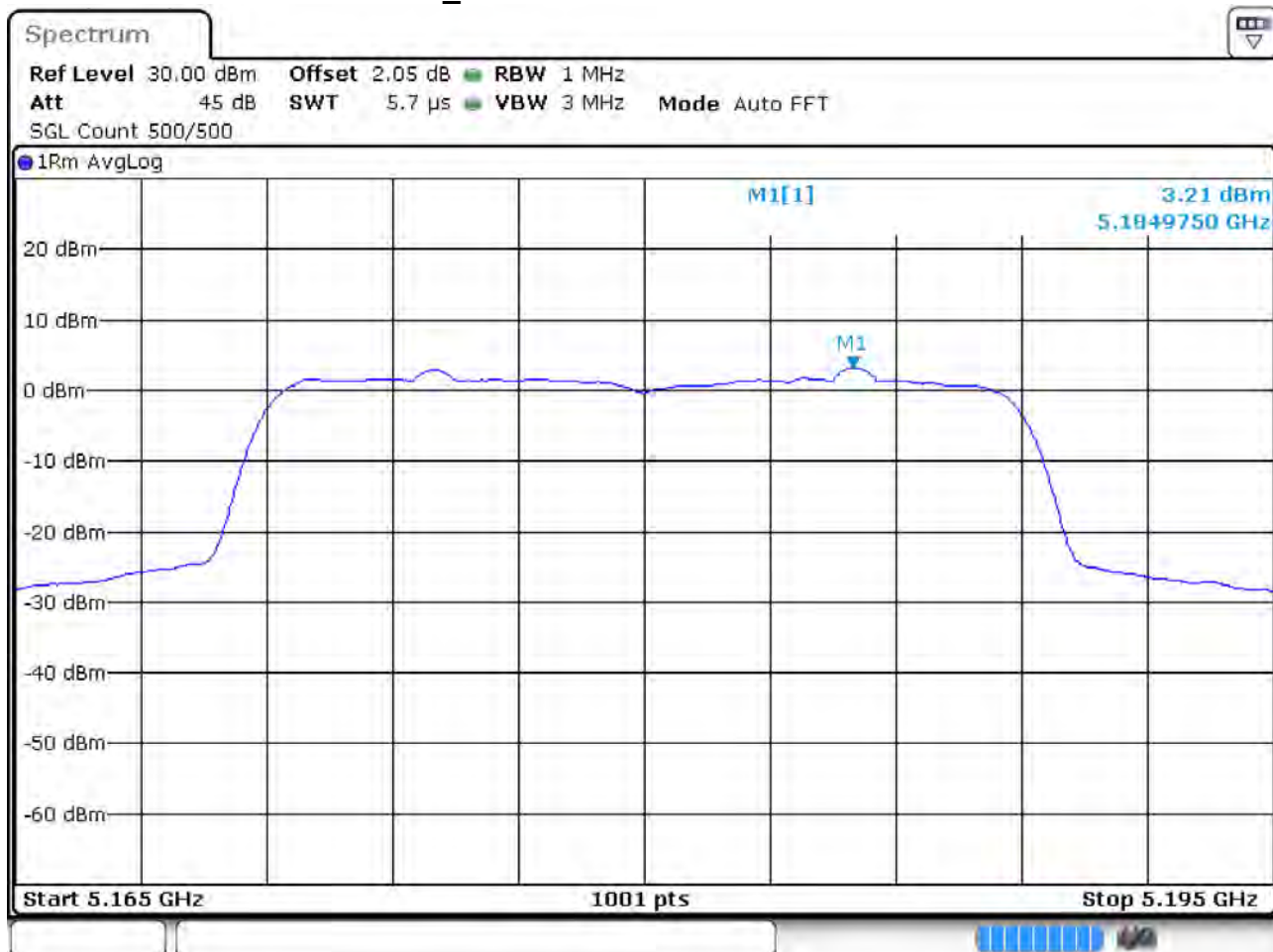
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4.8.2.52

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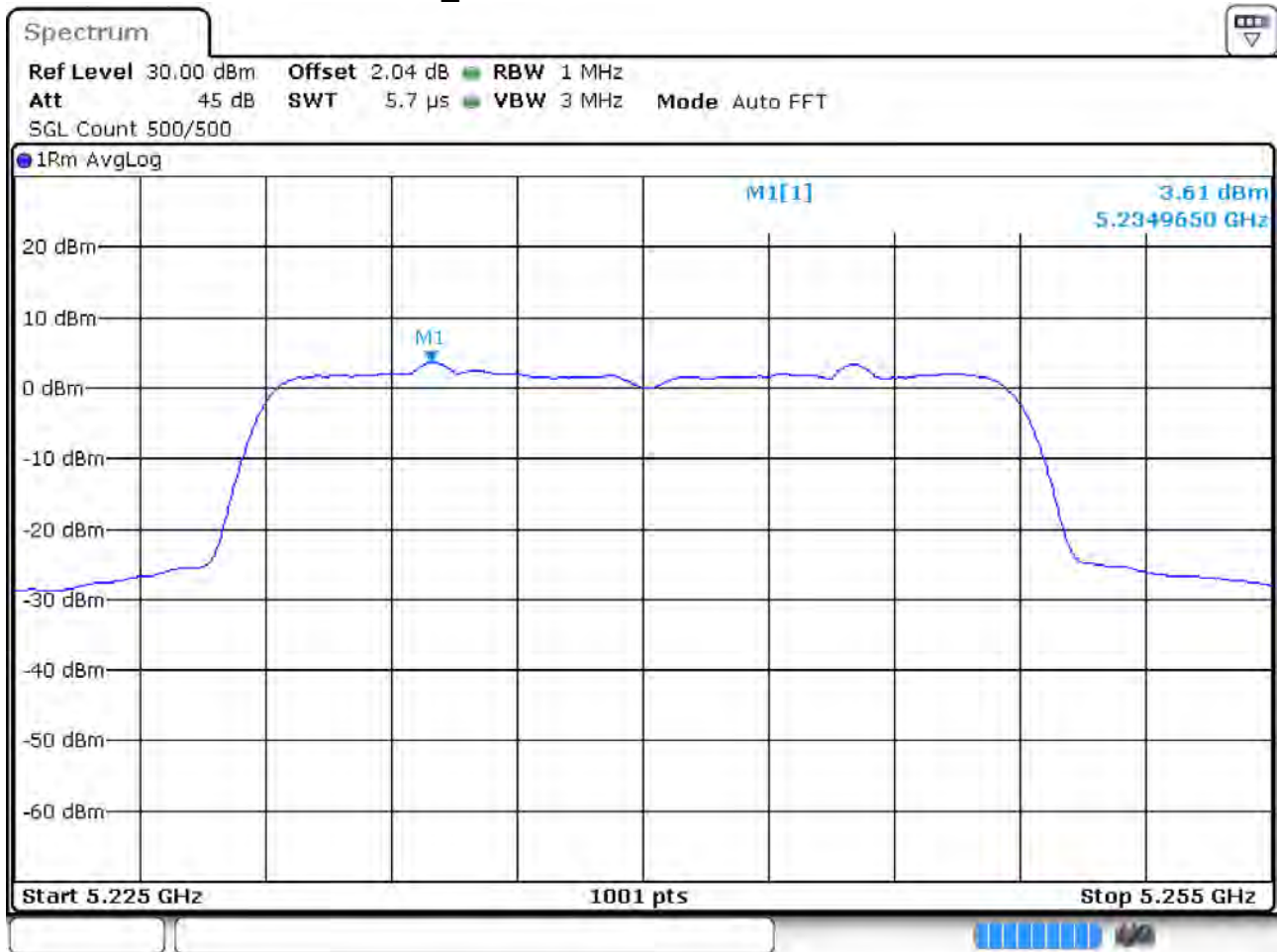
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4.8.2.53

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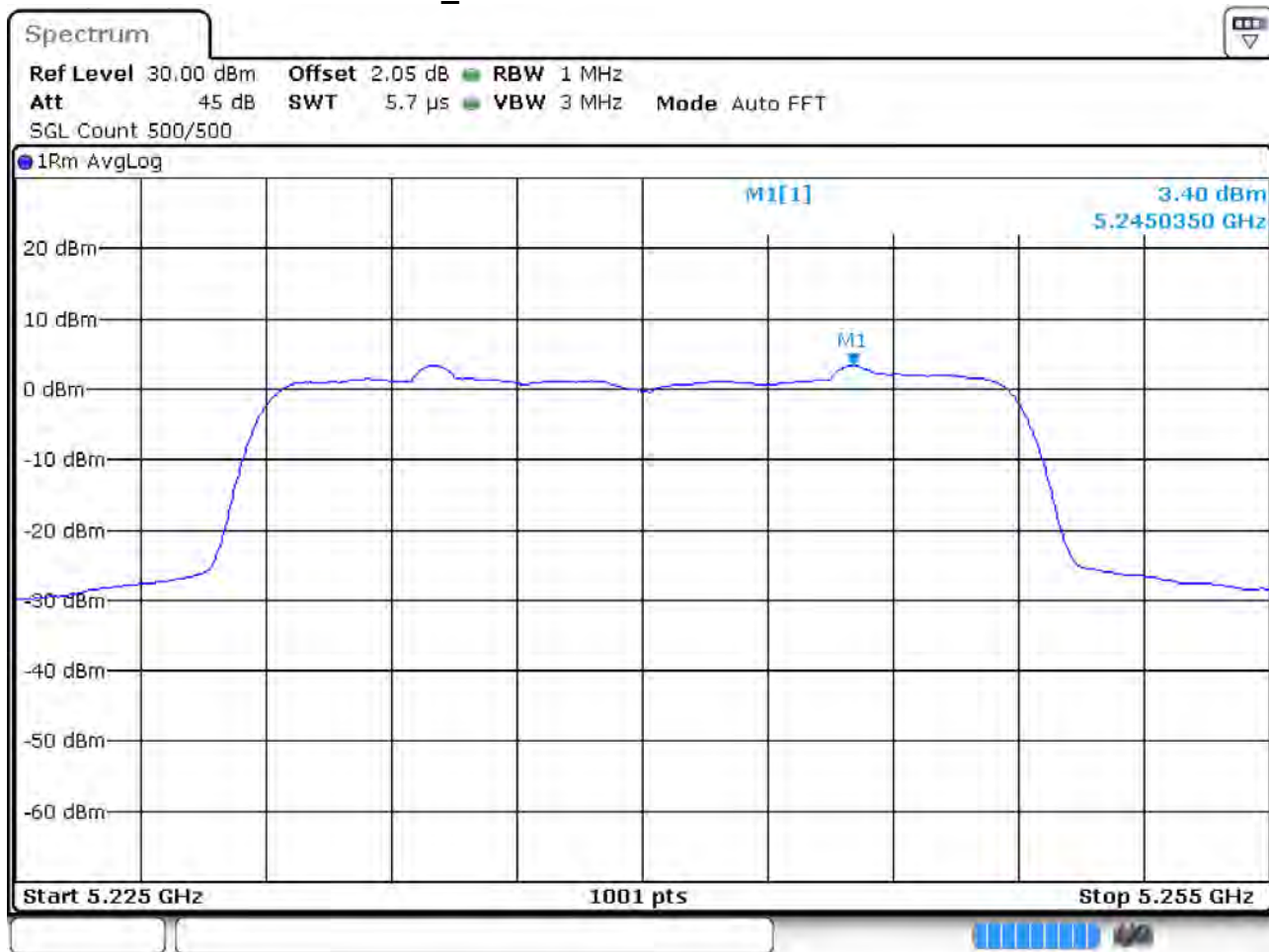
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4.8.2.54

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4.8.2.55

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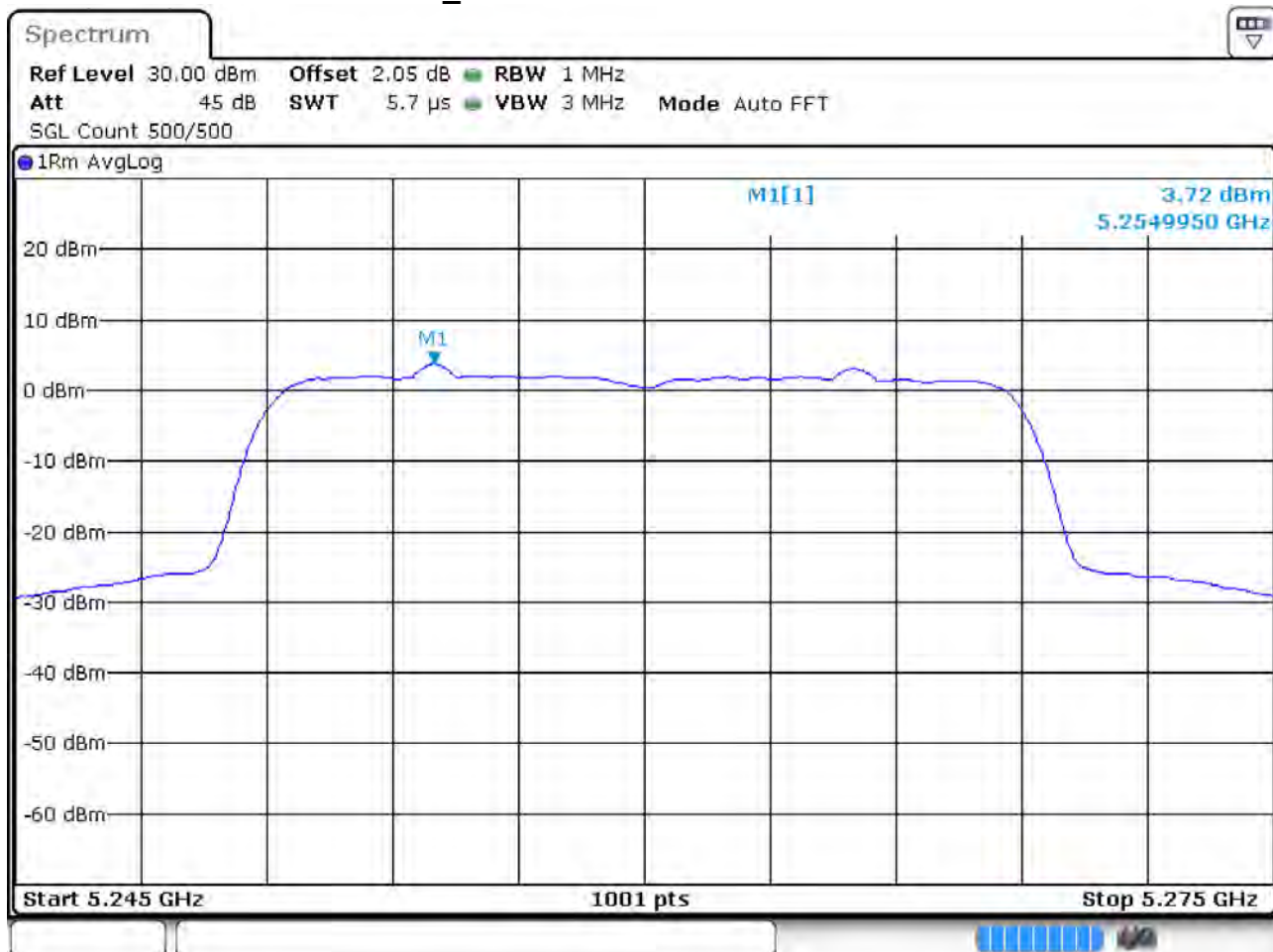
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4.8.2.56

11AC20MIMO_52 ANT 2



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4.8.2.57

11AC20MIMO_64 ANT 1



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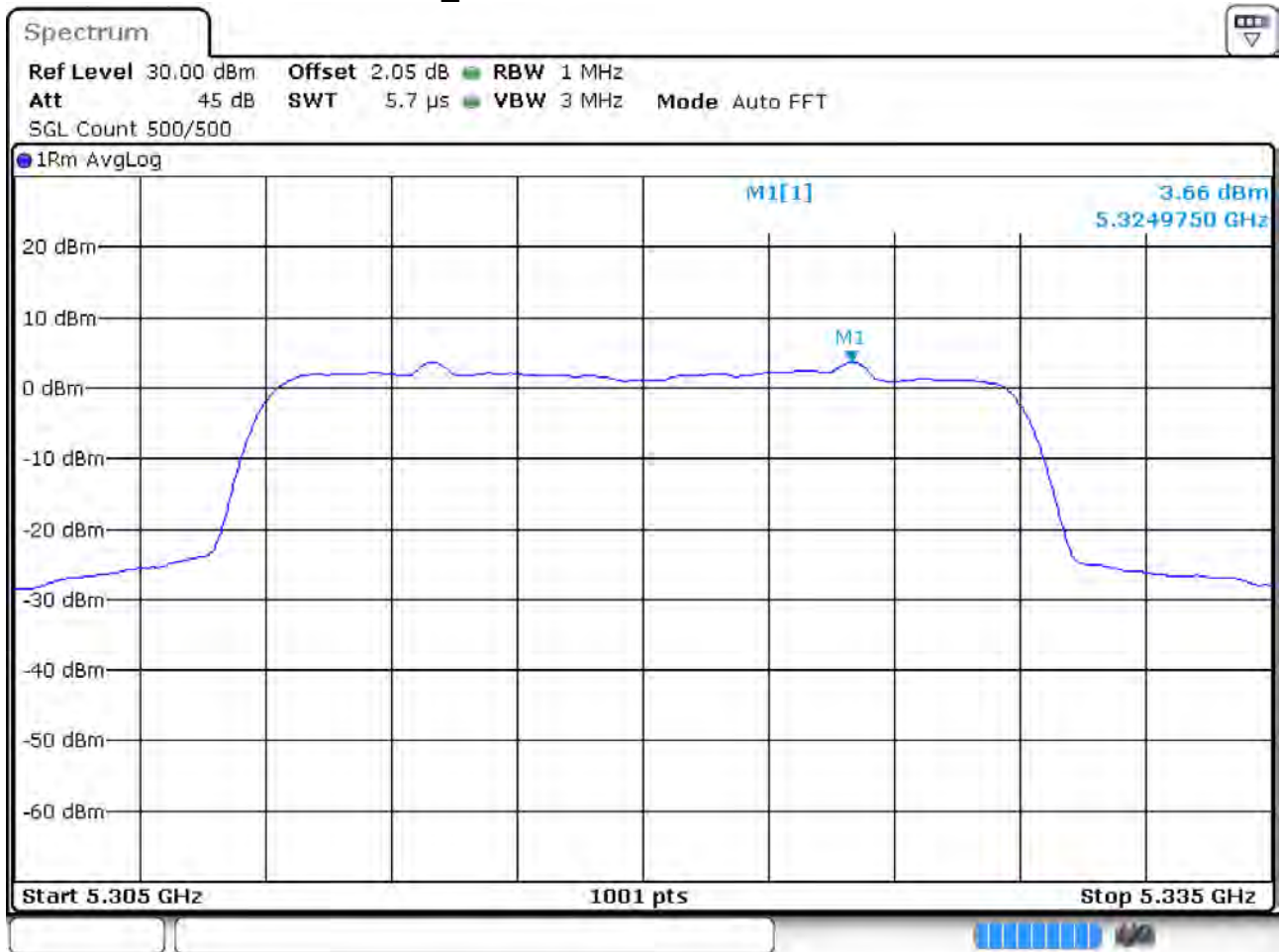
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4.8.2.58

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4.8.2.59

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4.8.2.60

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4.8.2.61

11AC20MIMO_140 ANT 1



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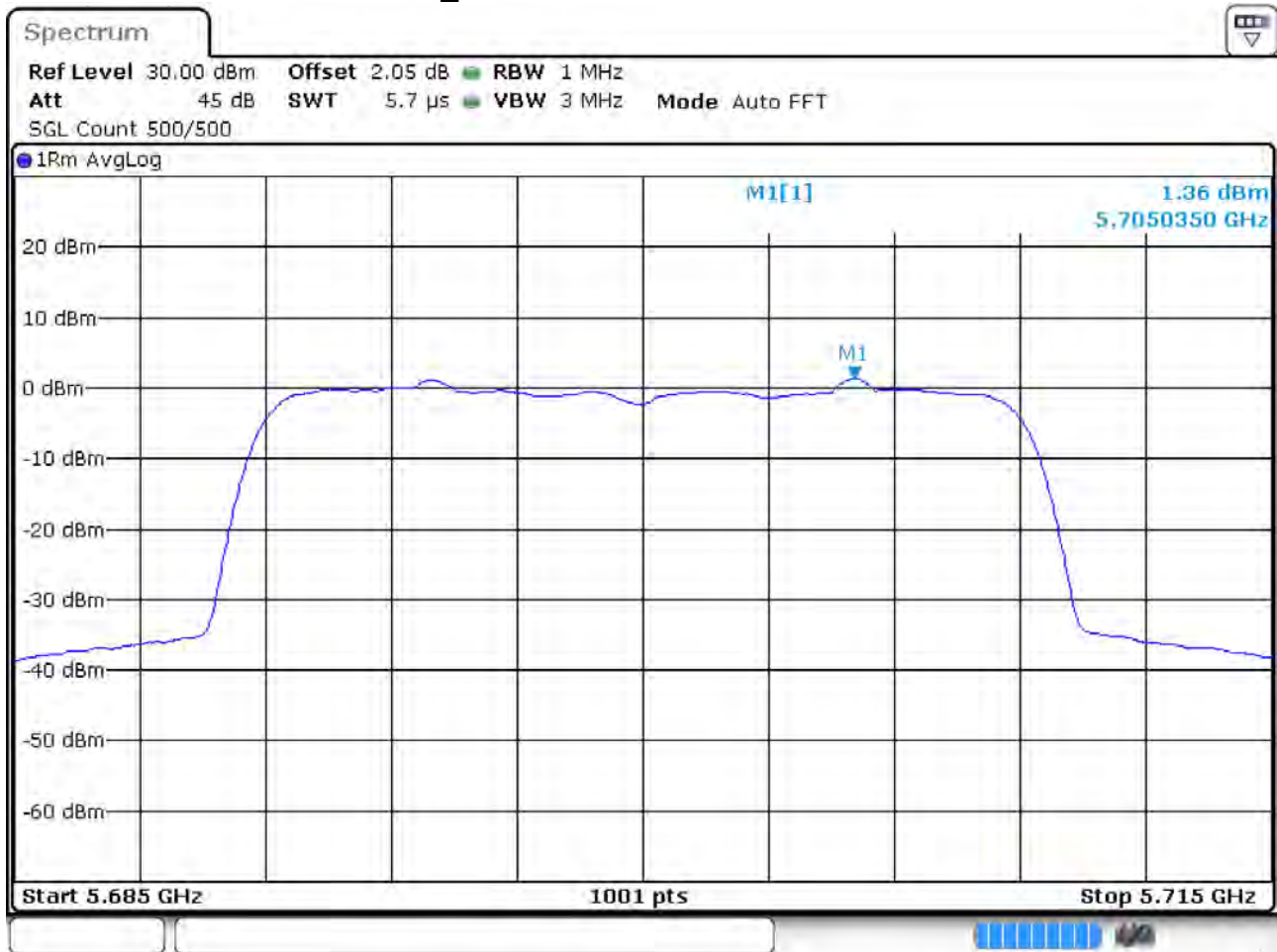
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4.8.2.62

11AC20MIMO_140 ANT 2



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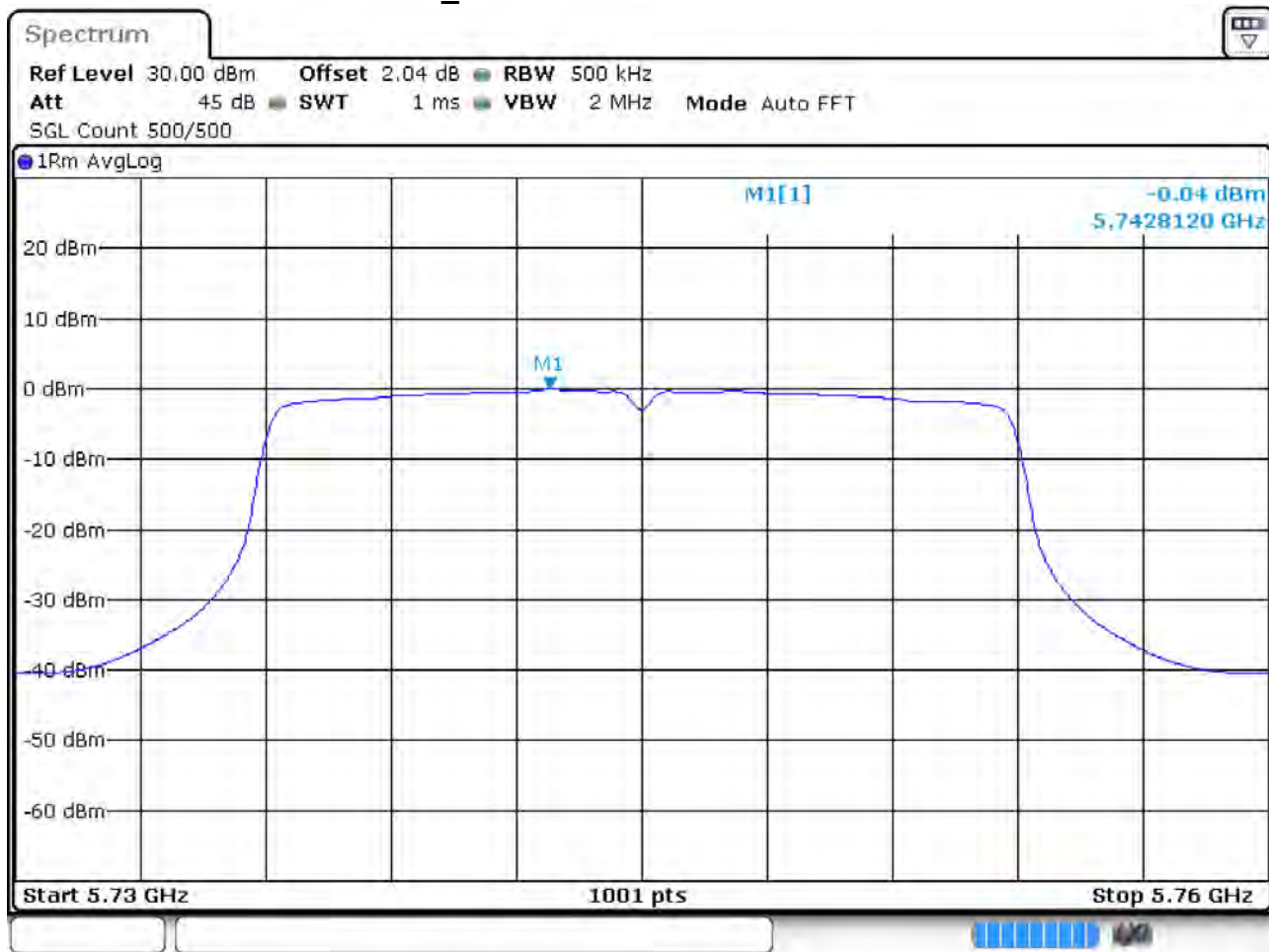
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4.8.2.63

11AC20MIMO_149 ANT 1



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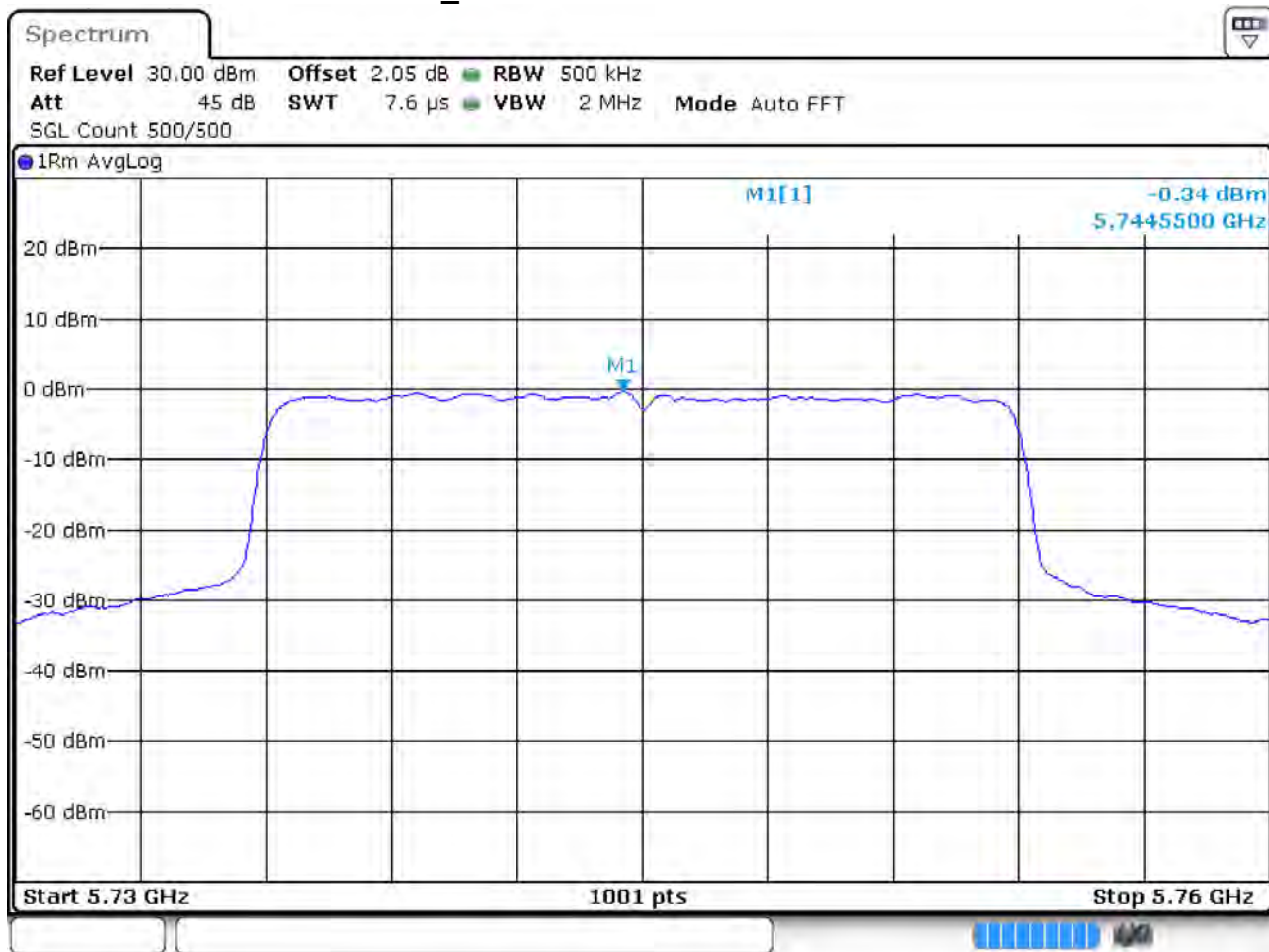
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4.8.2.64

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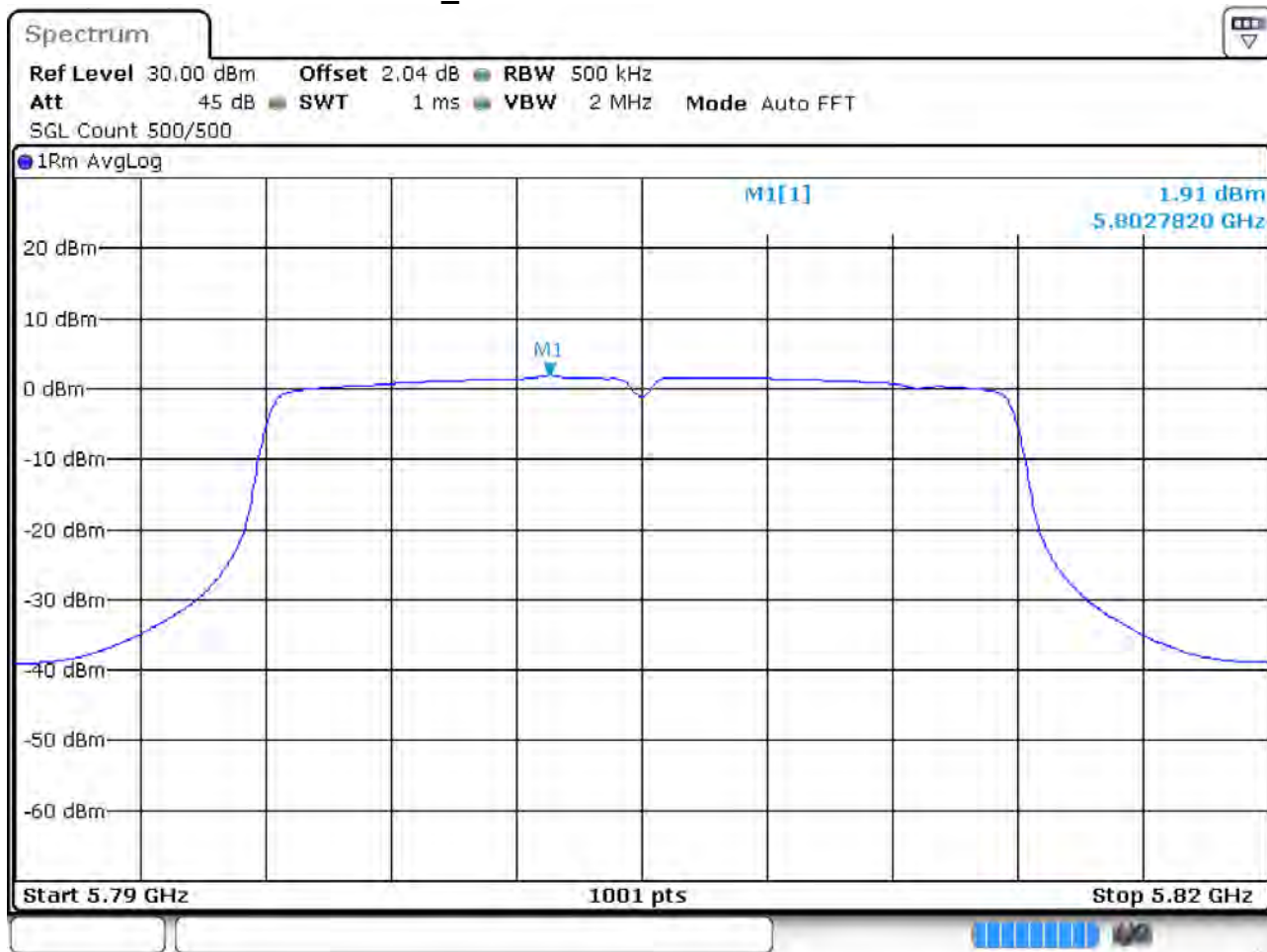
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4.8.2.65

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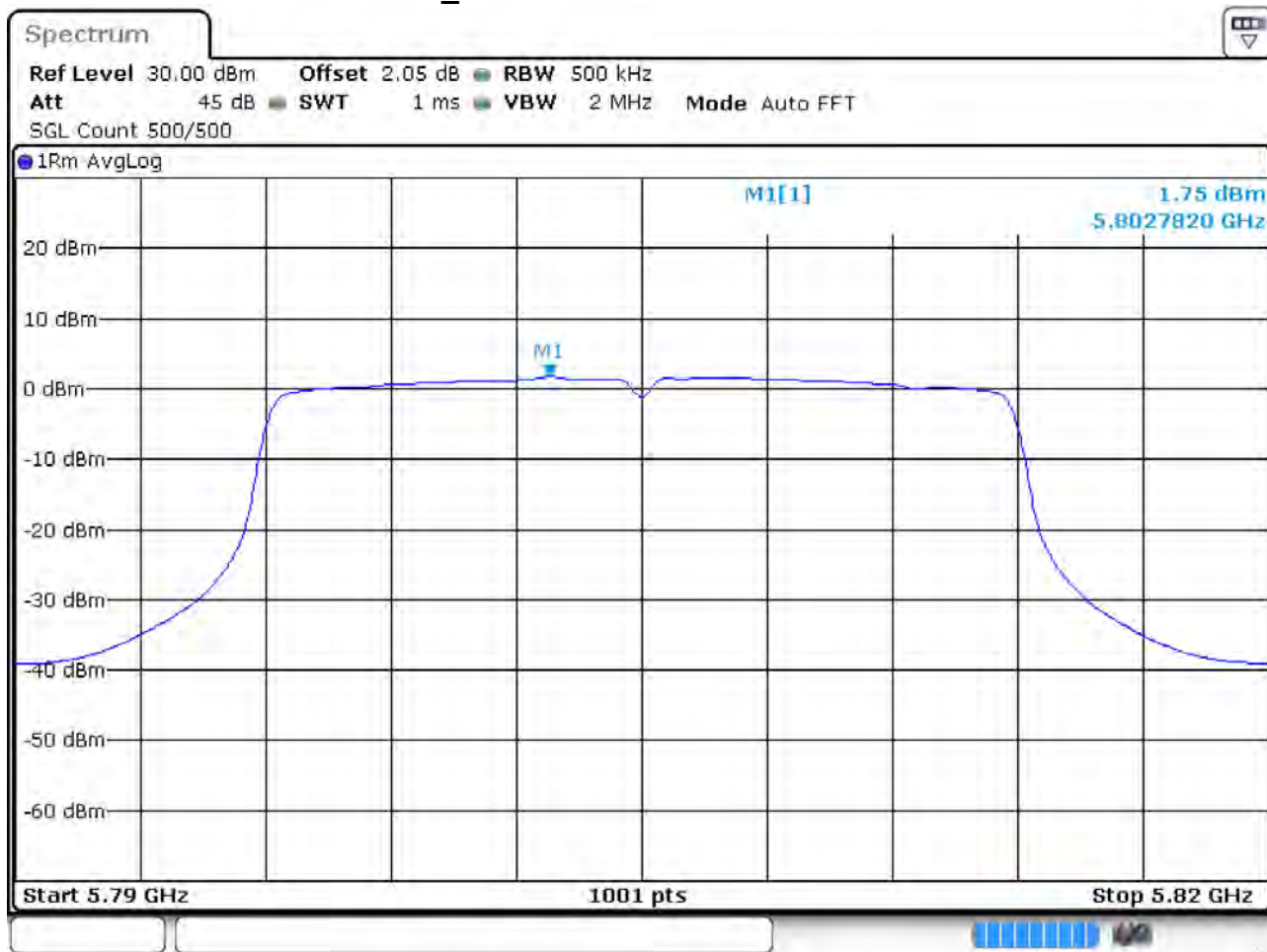
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4.8.2.66

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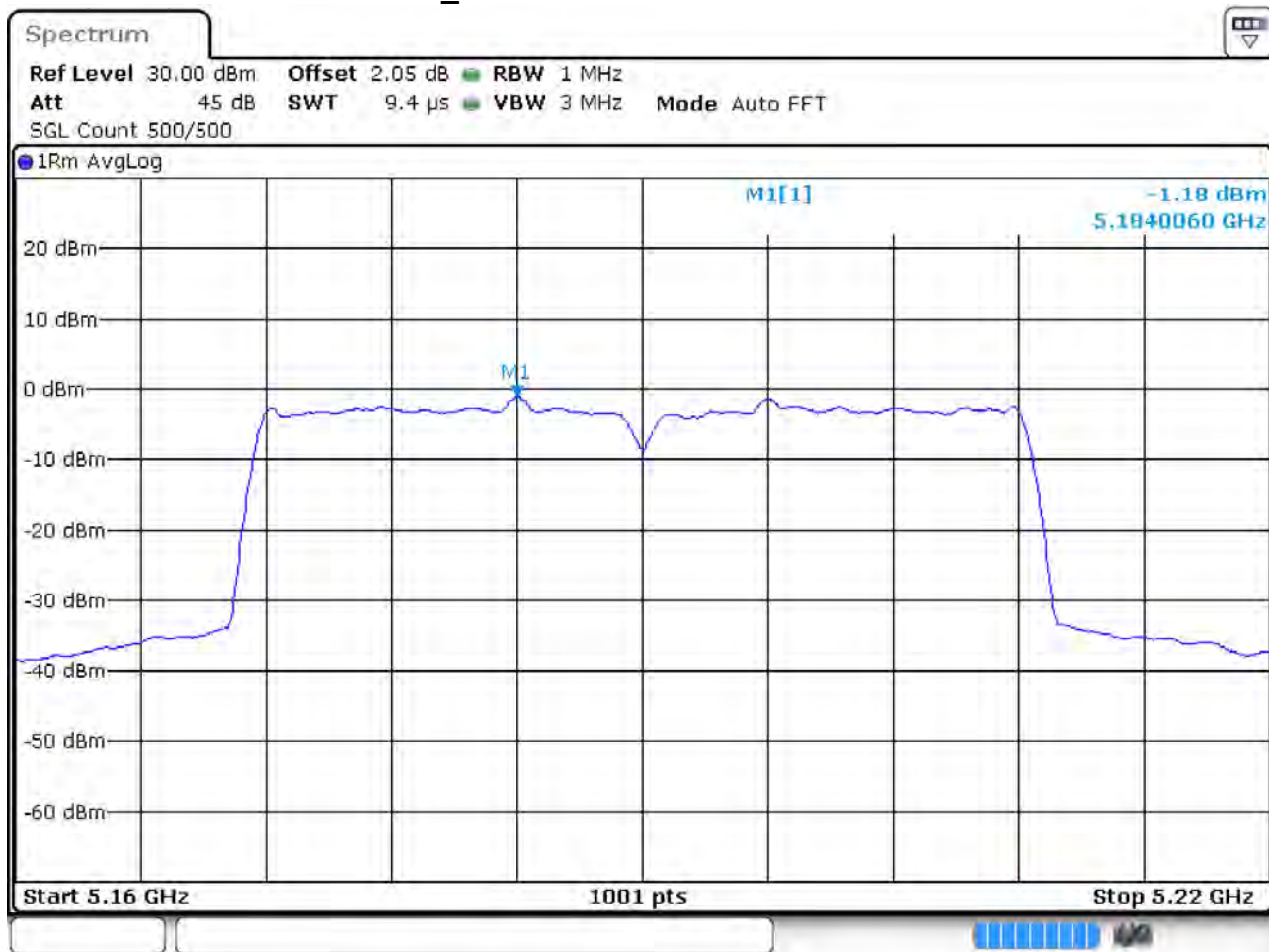
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4.8.2.67

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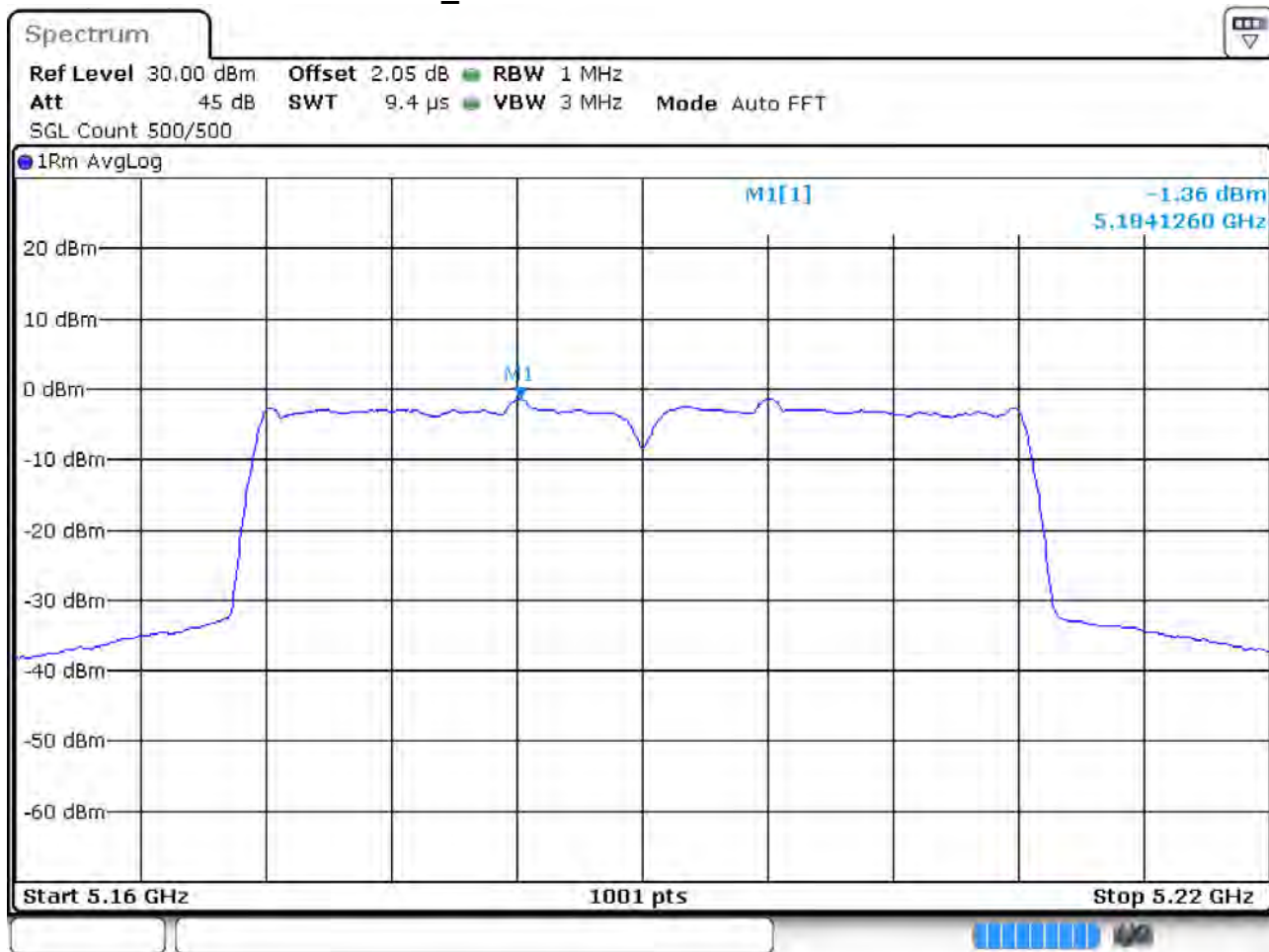
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4.8.2.68

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4.8.2.69

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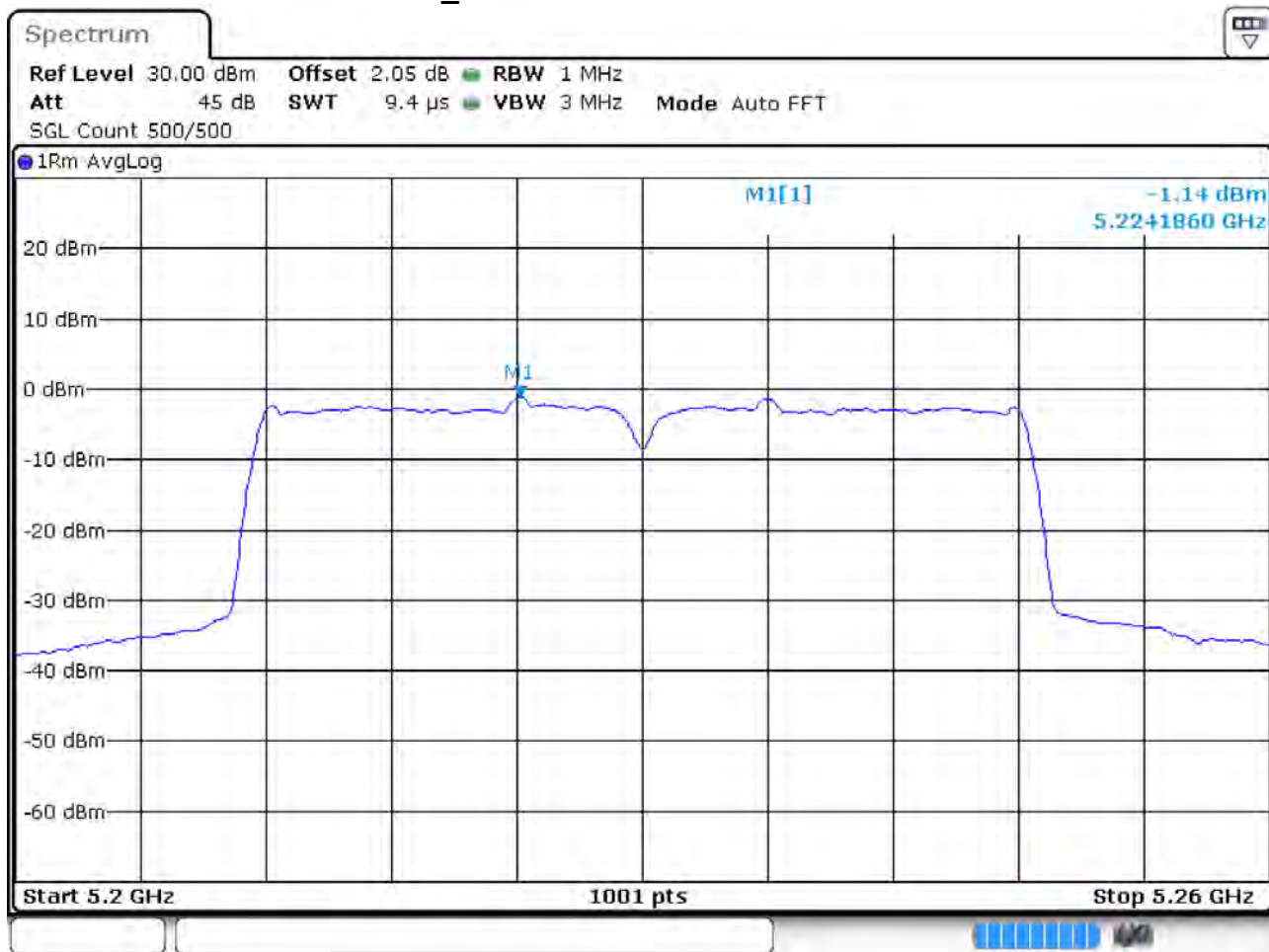
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4.8.2.70

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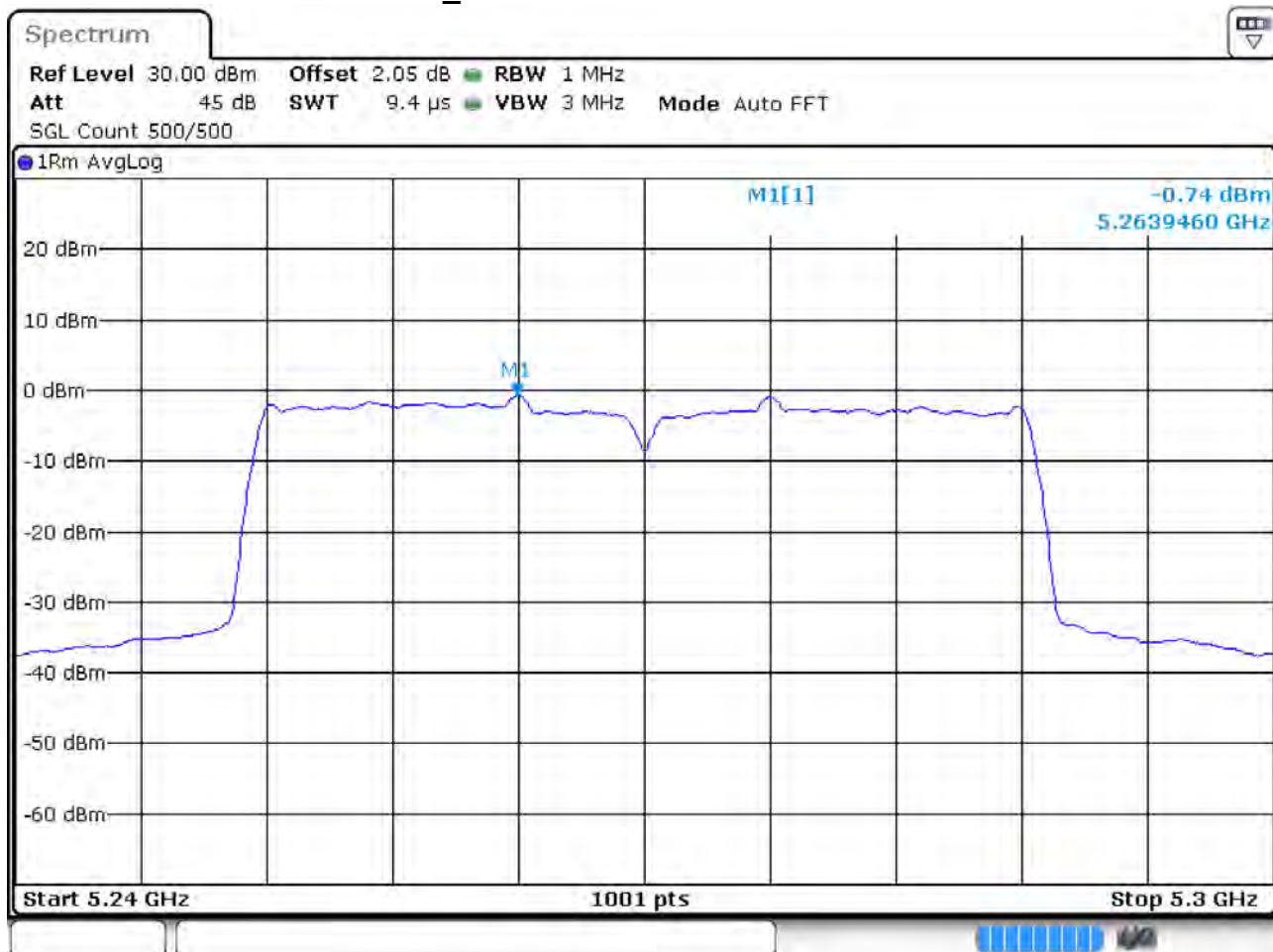
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4.8.2.71

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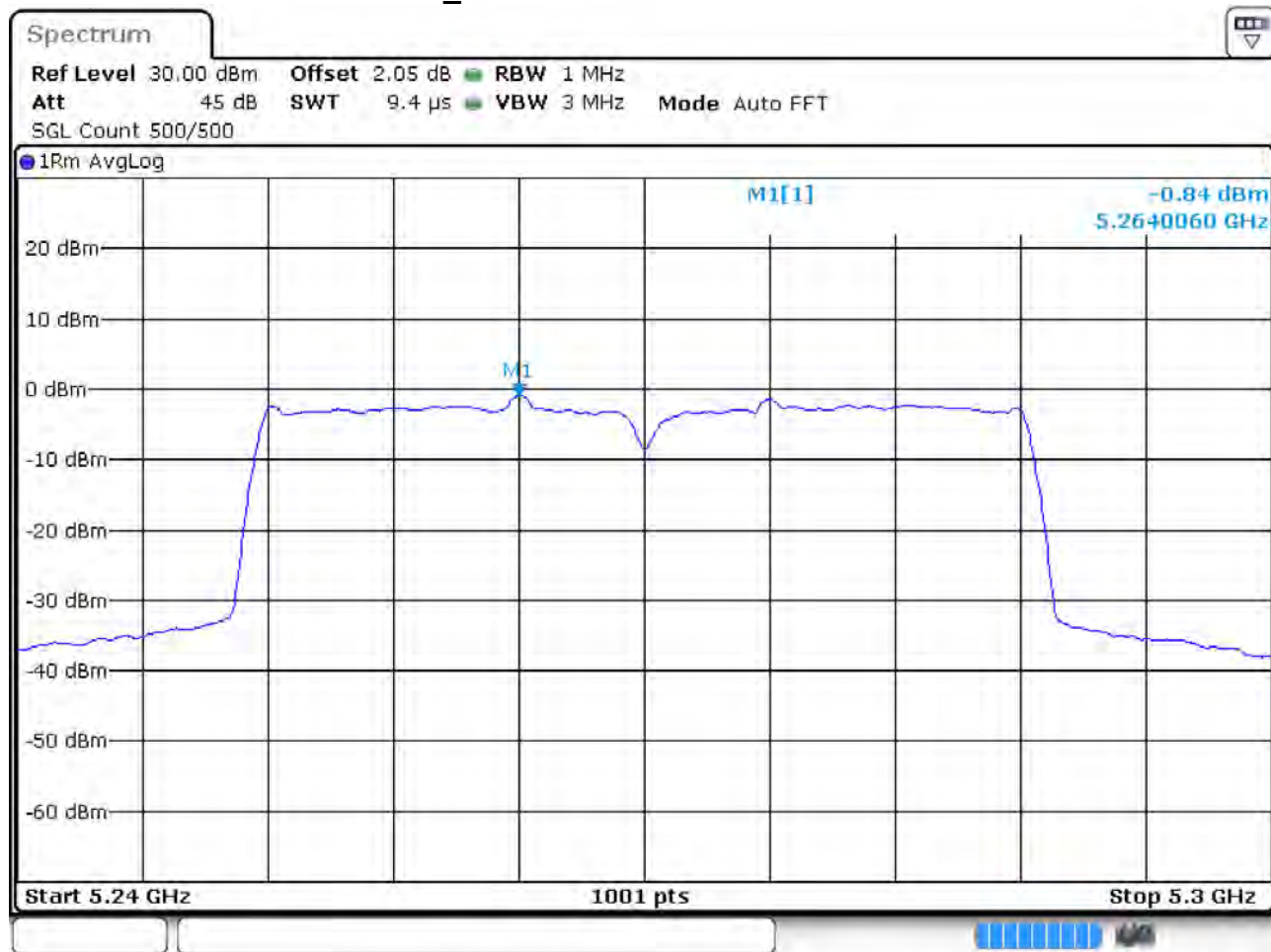
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4.8.2.72

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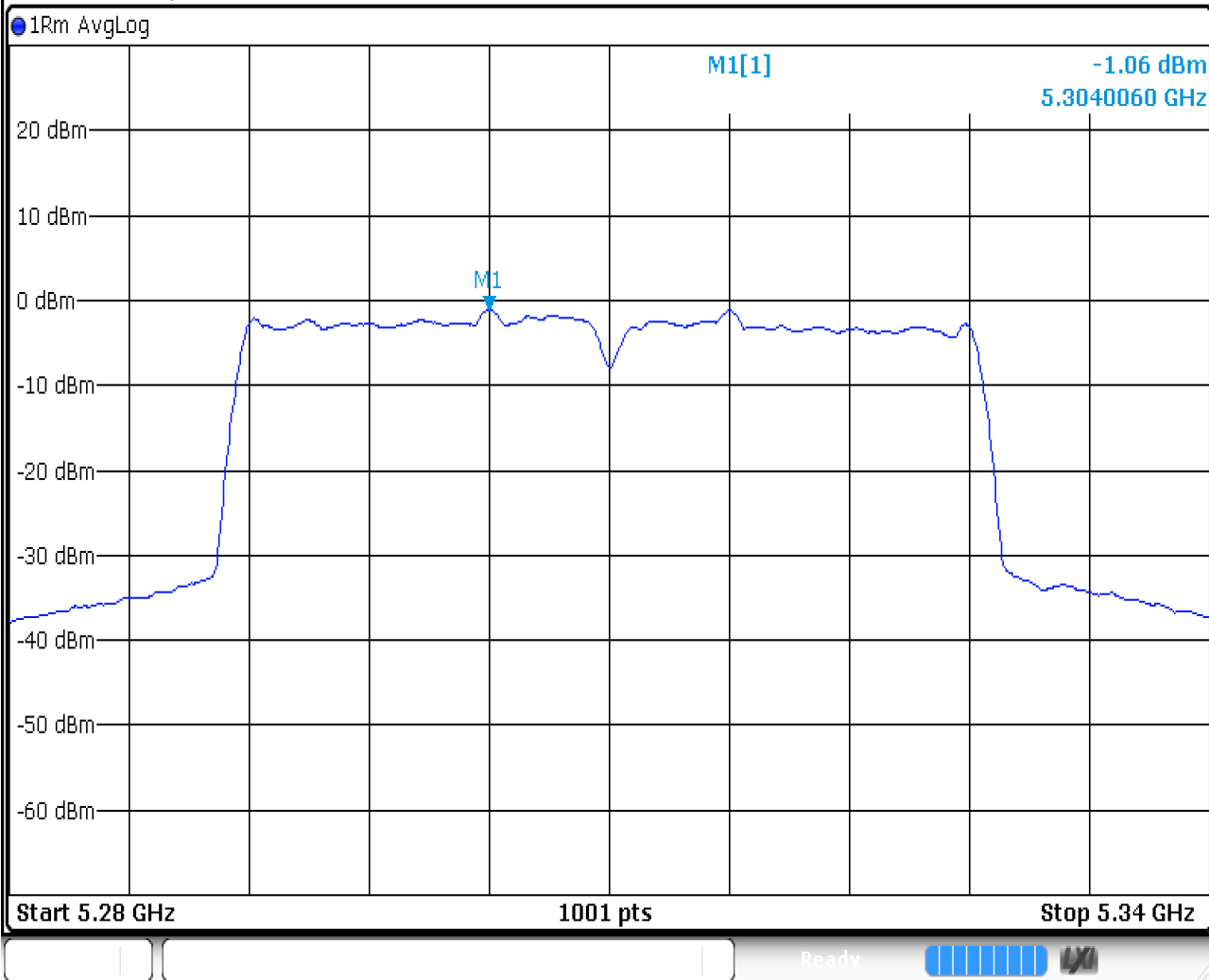
4.8.2.73

11AC40MIMO_62 ANT 1



Spectrum

Ref Level 30.00 dBm Offset 2.05 dB RBW 1 MHz
Att 45 dB SWT 9.4 μ s VBW 3 MHz Mode Auto FFT
SGL Count 500/500



Date: 10.APR.2020 03:04:03



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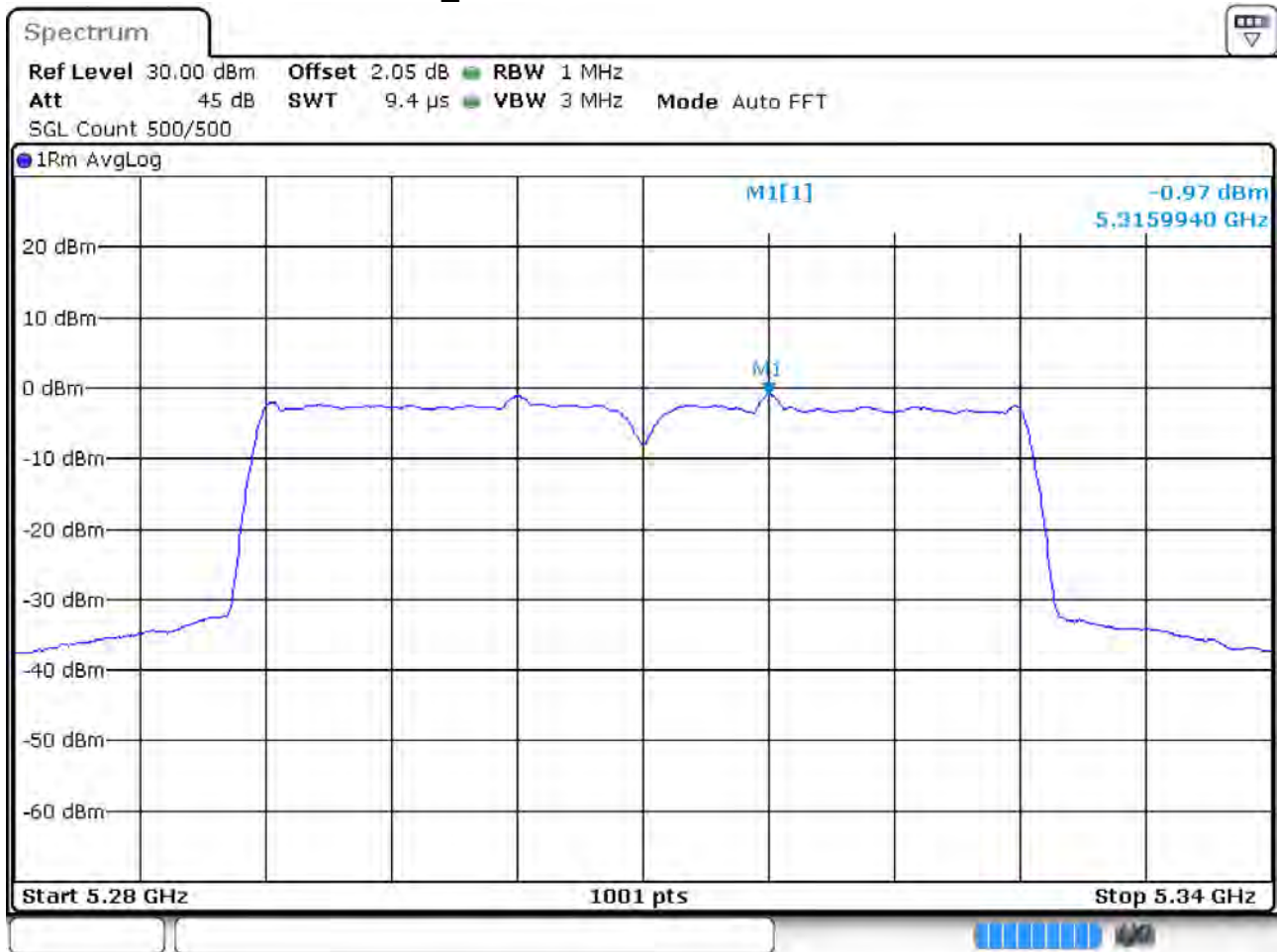
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4.8.2.74

11AC40MIMO_62 ANT 2



Date: 9 APR 2020 08:30:56



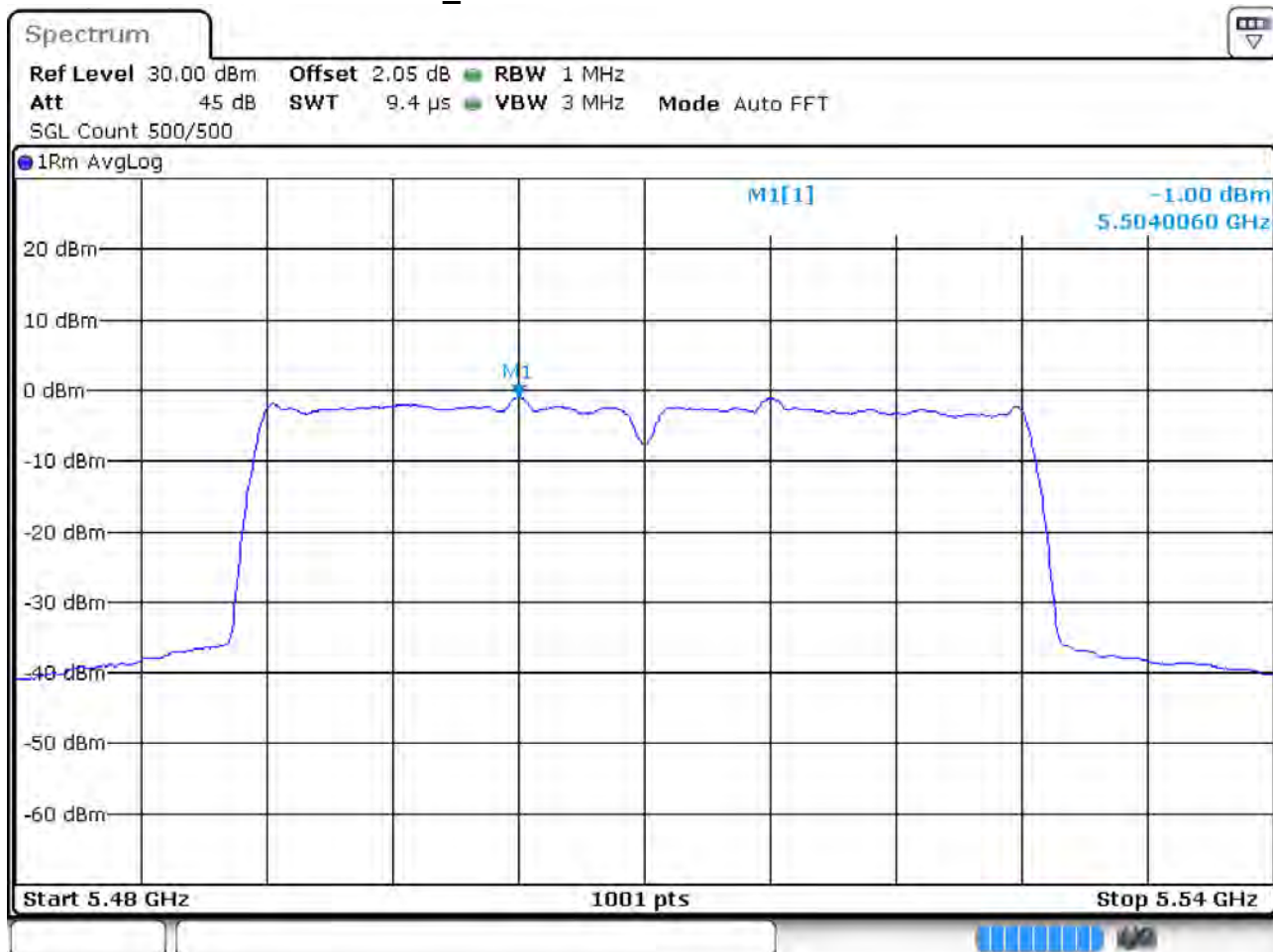
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4.8.2.75

11AC40MIMO_102 ANT 1



Date: 9 APR 2020 06:55:31



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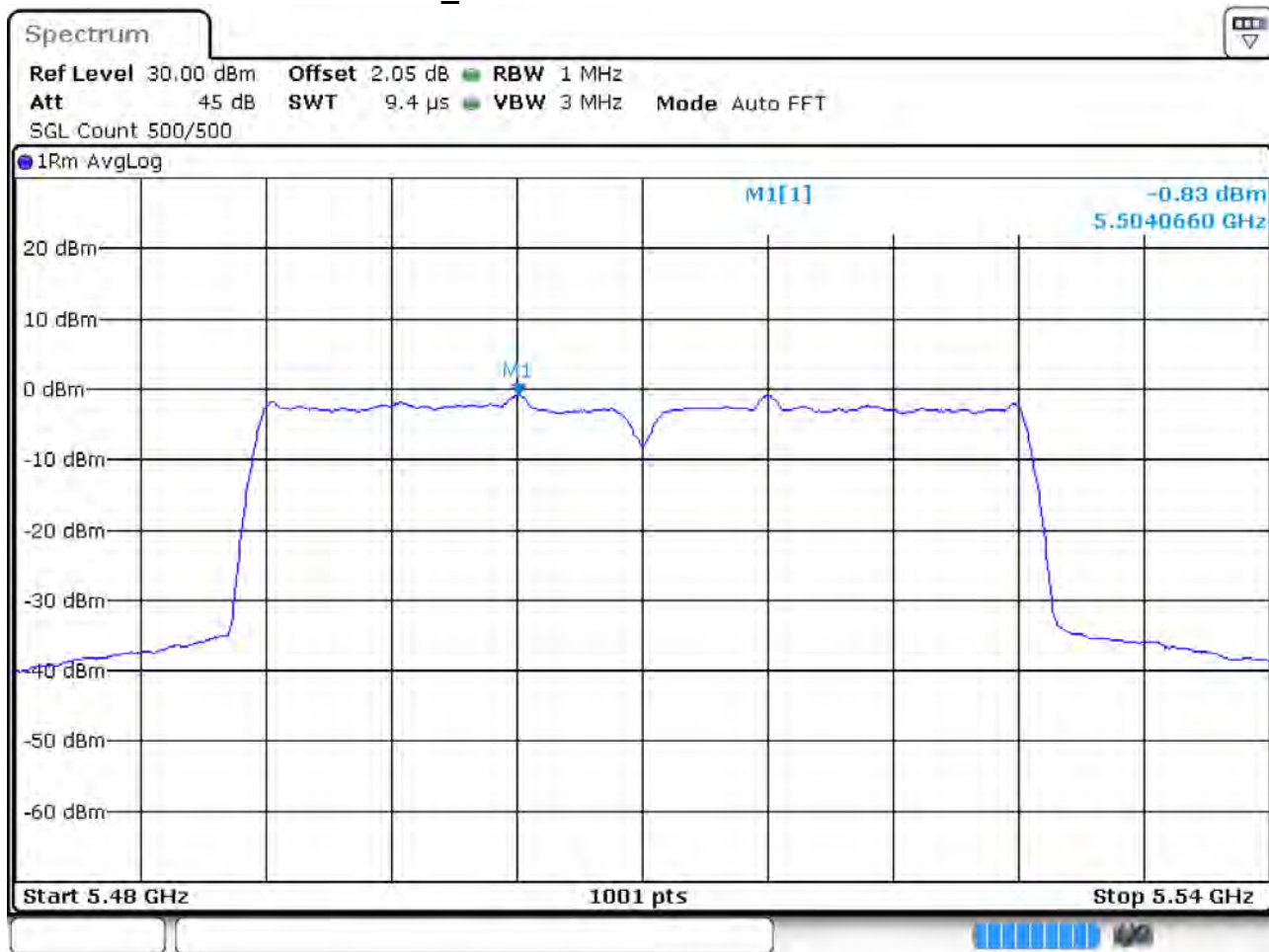
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4.8.2.76

11AC40MIMO_102 ANT 2



Date: 9 APR 2020 08:32:01



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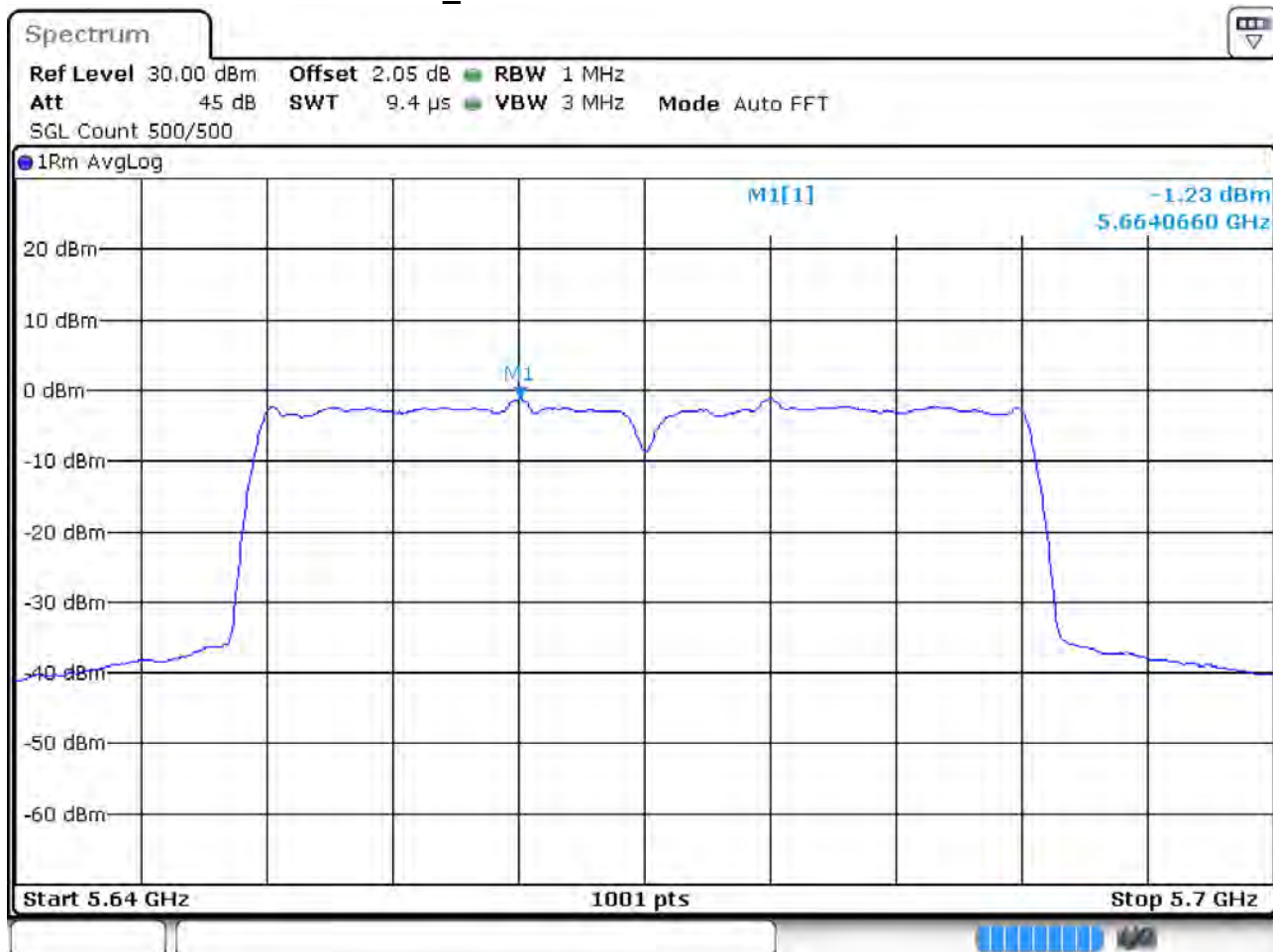
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4.8.2.77

11AC40MIMO_134 ANT 1



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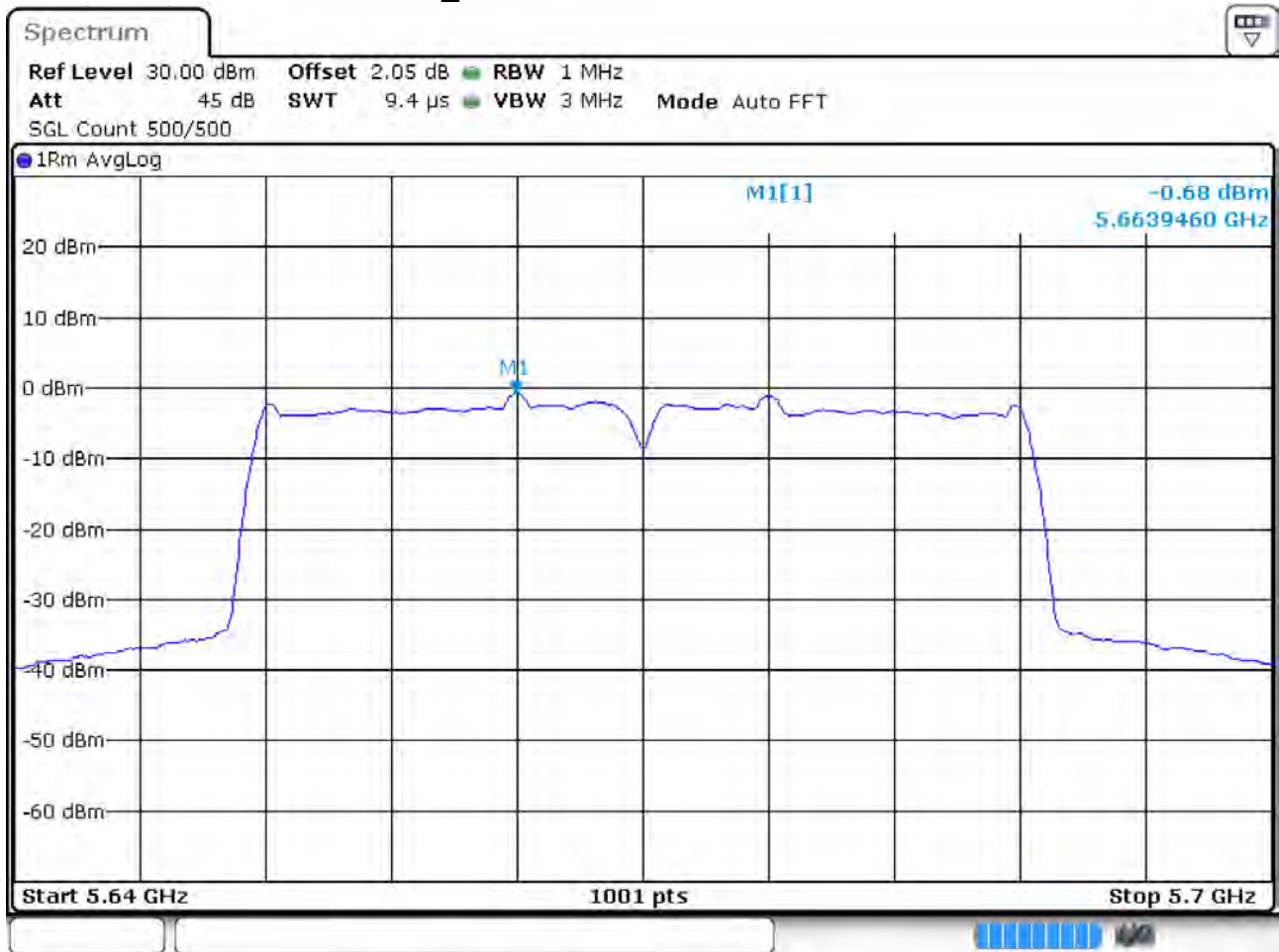
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4.8.2.78

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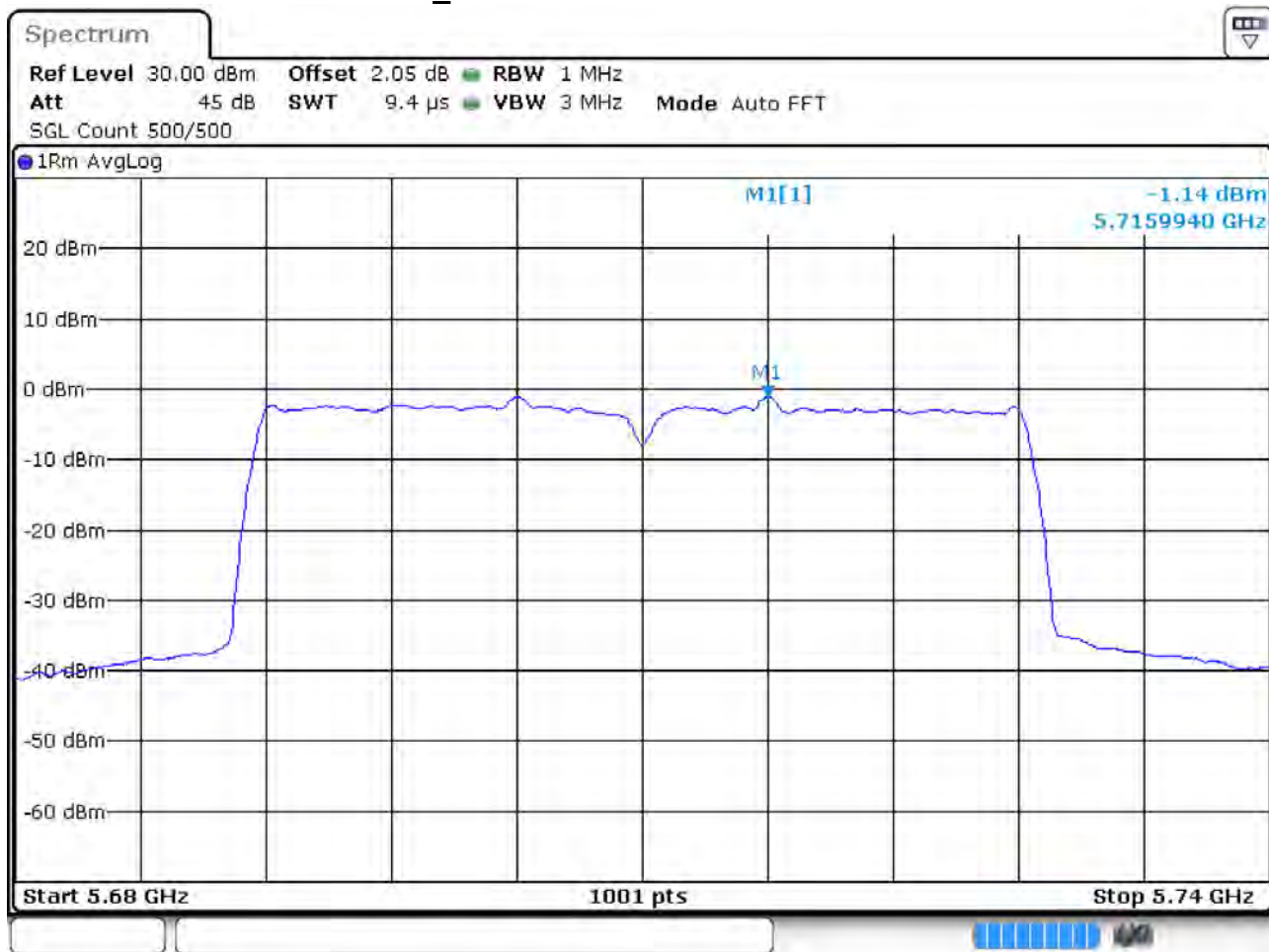
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4.8.2.79

11AC40MIMO_142 ANT 1



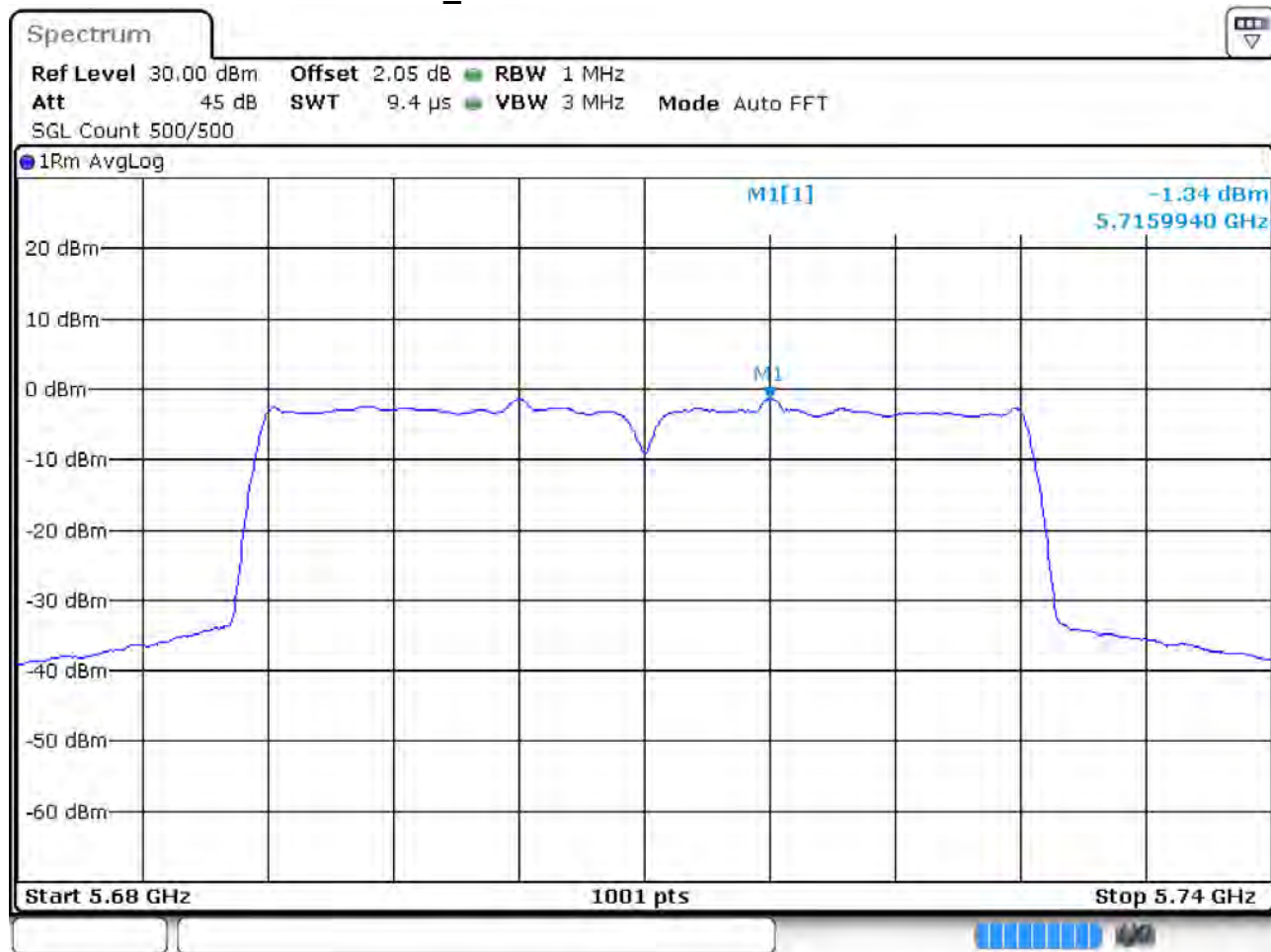
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4.8.2.80

11AC40MIMO_142 ANT 2



Date: 10.APR.2020 03:01:26



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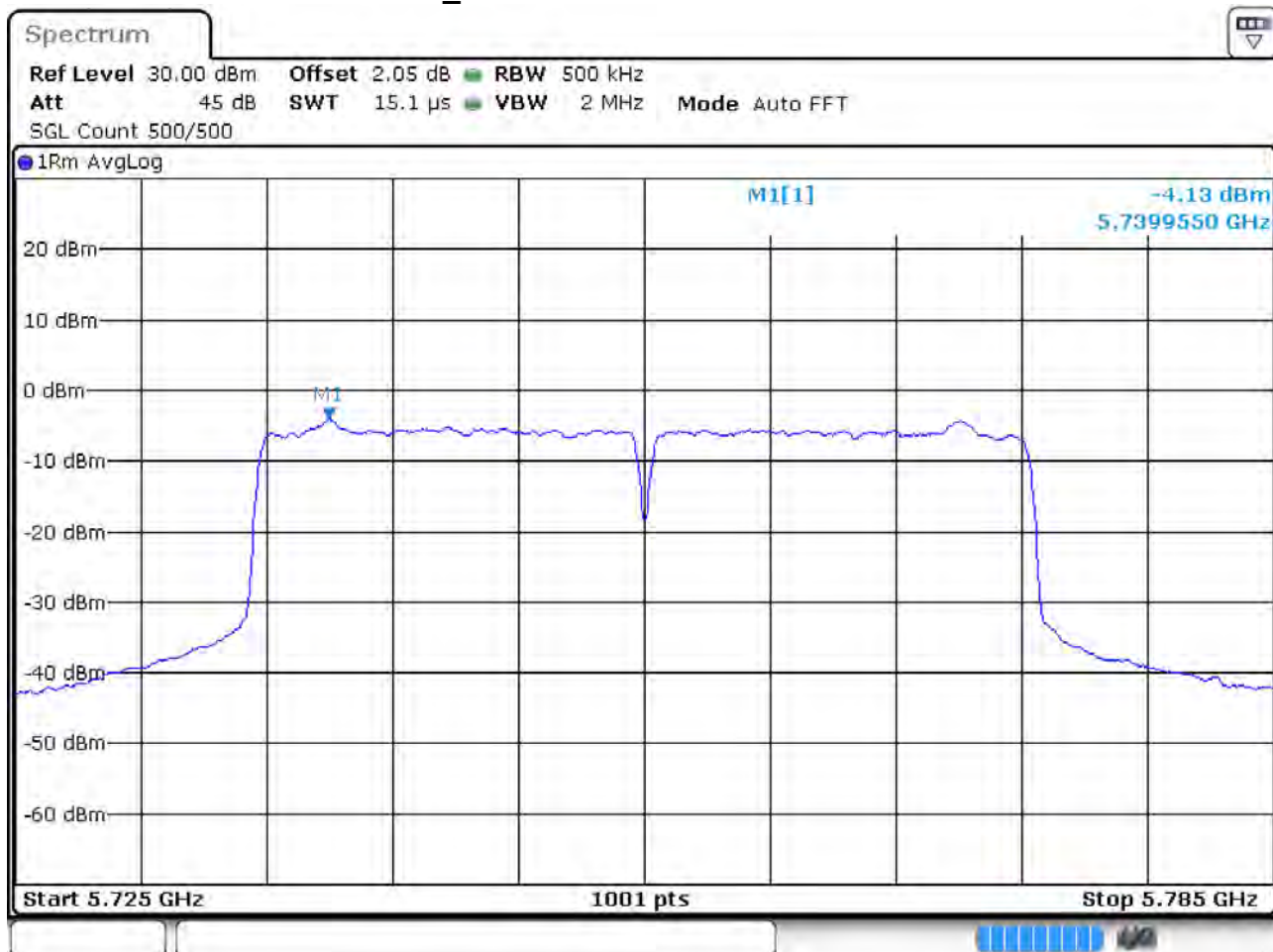
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4.8.2.81

11AC40MIMO_151 ANT 1



Date: 9 APR 2020 07:00:45



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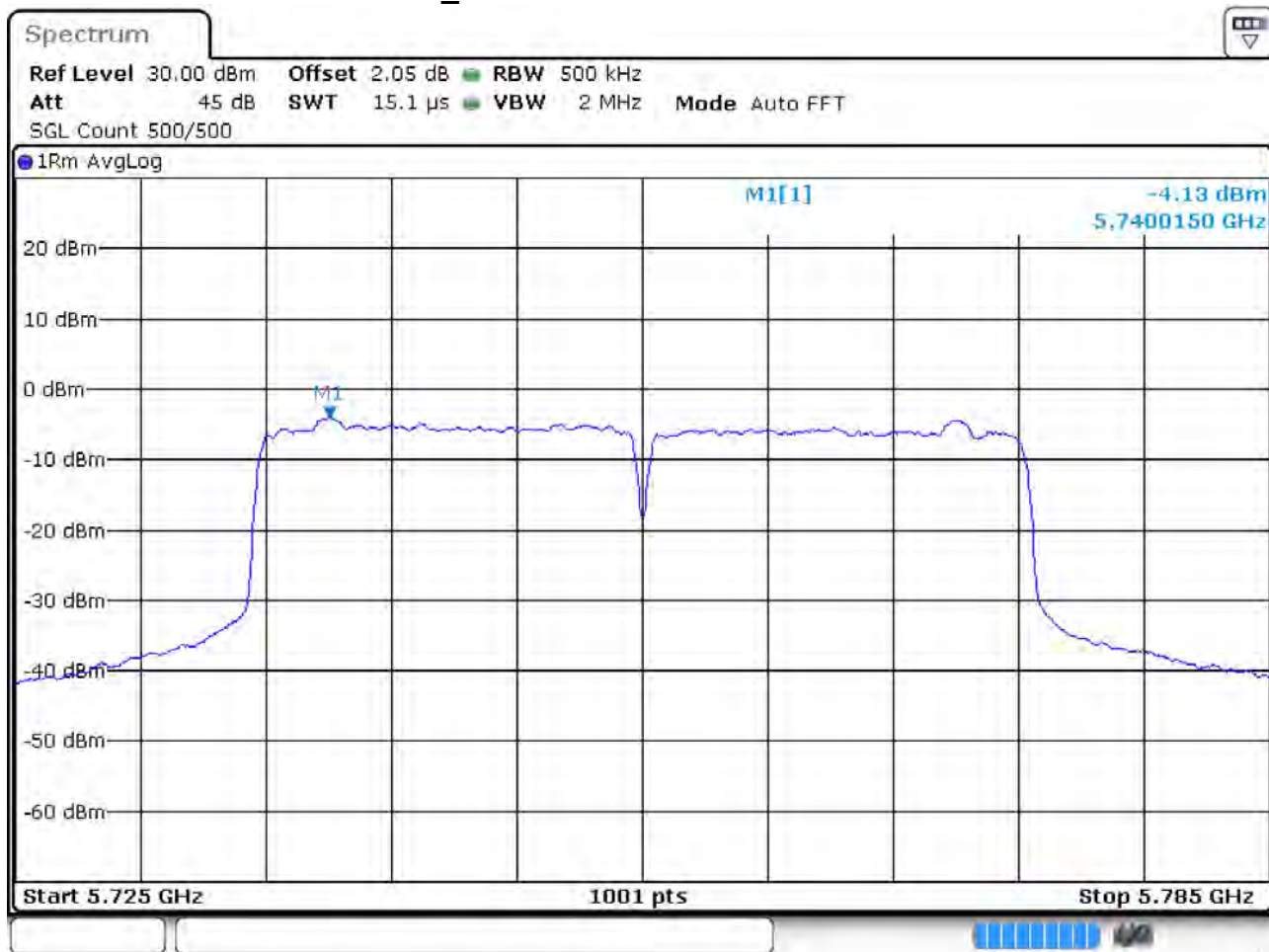
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4.8.2.82

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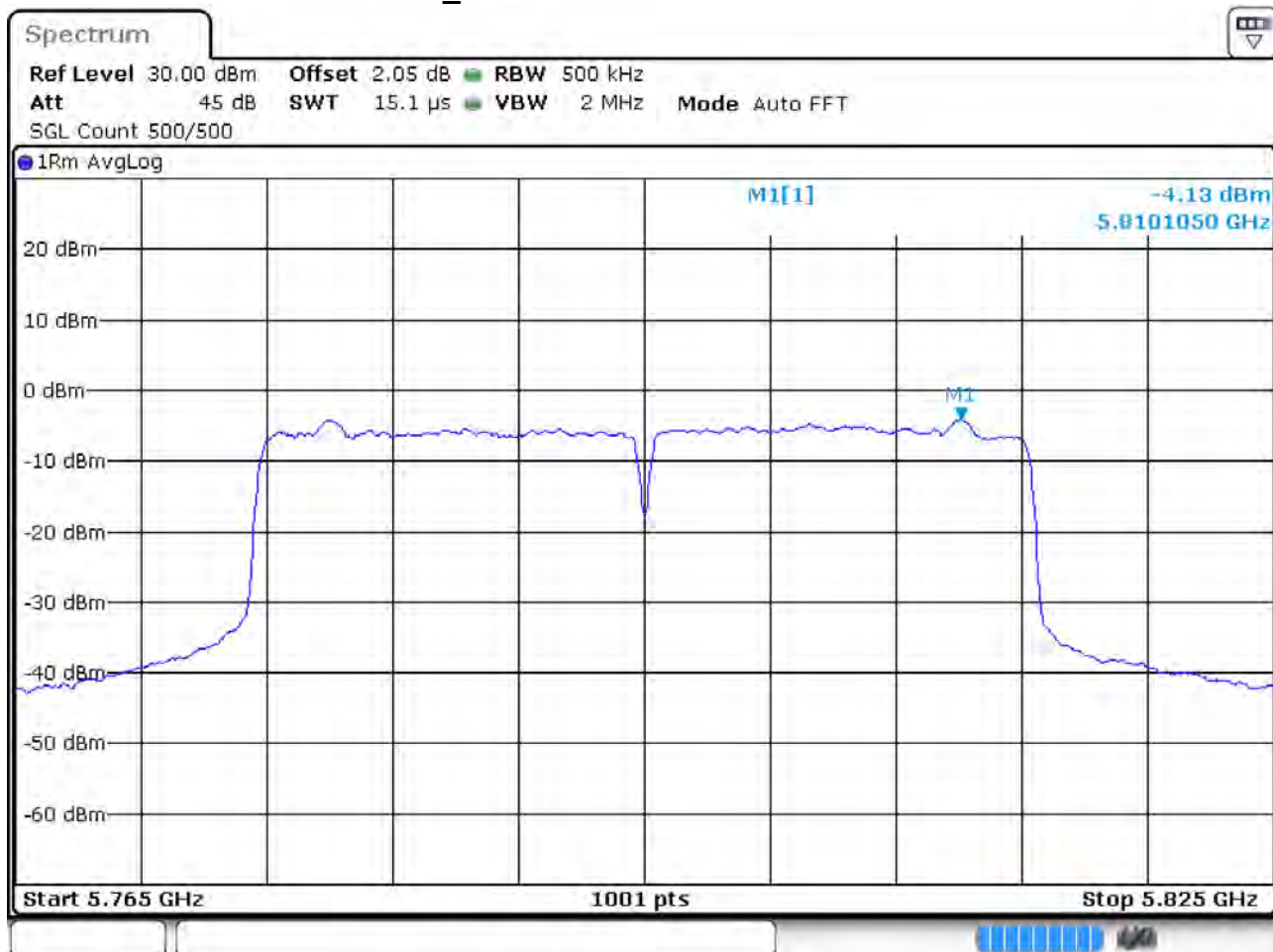
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4.8.2.83

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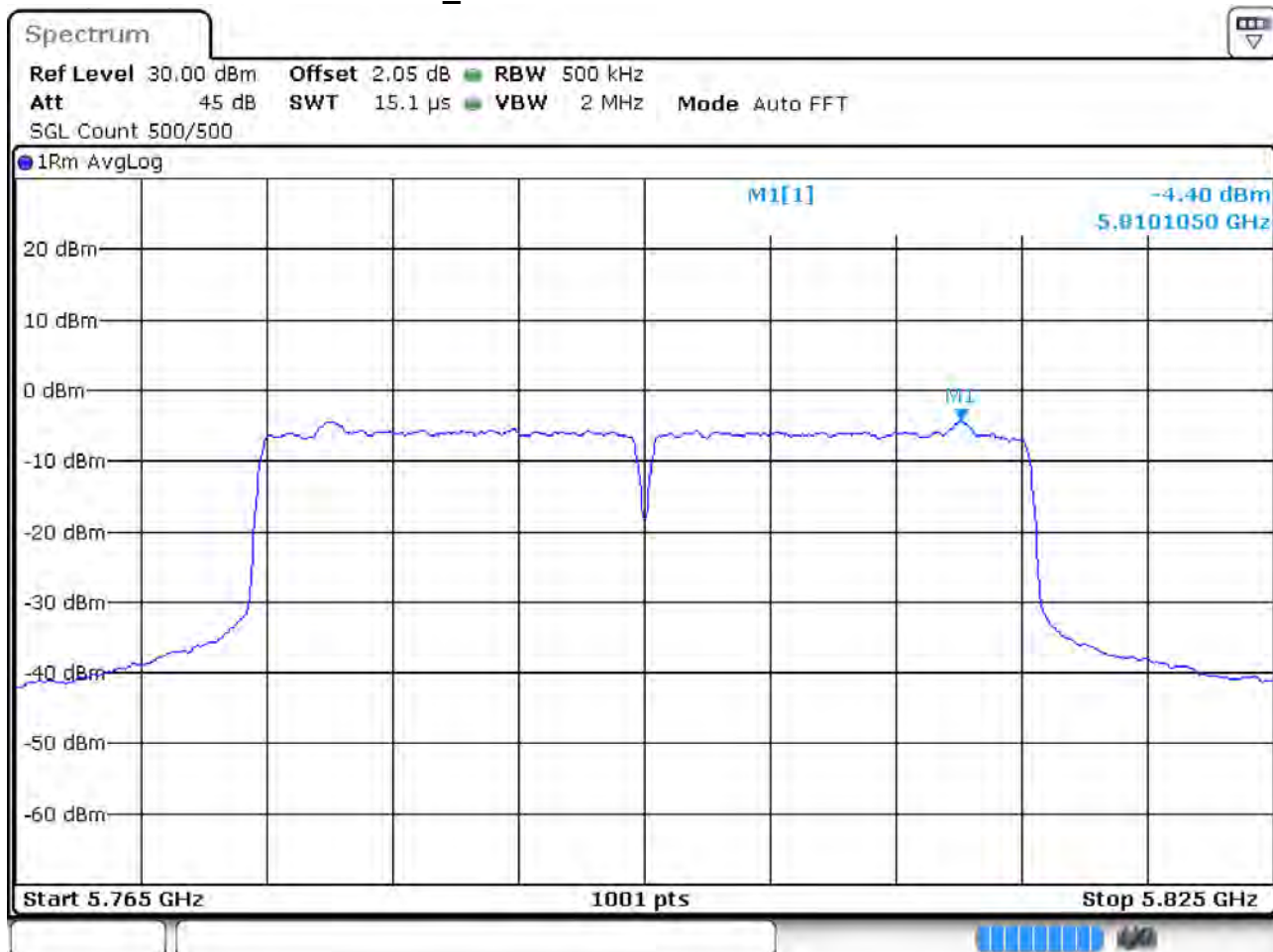
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4.8.2.84

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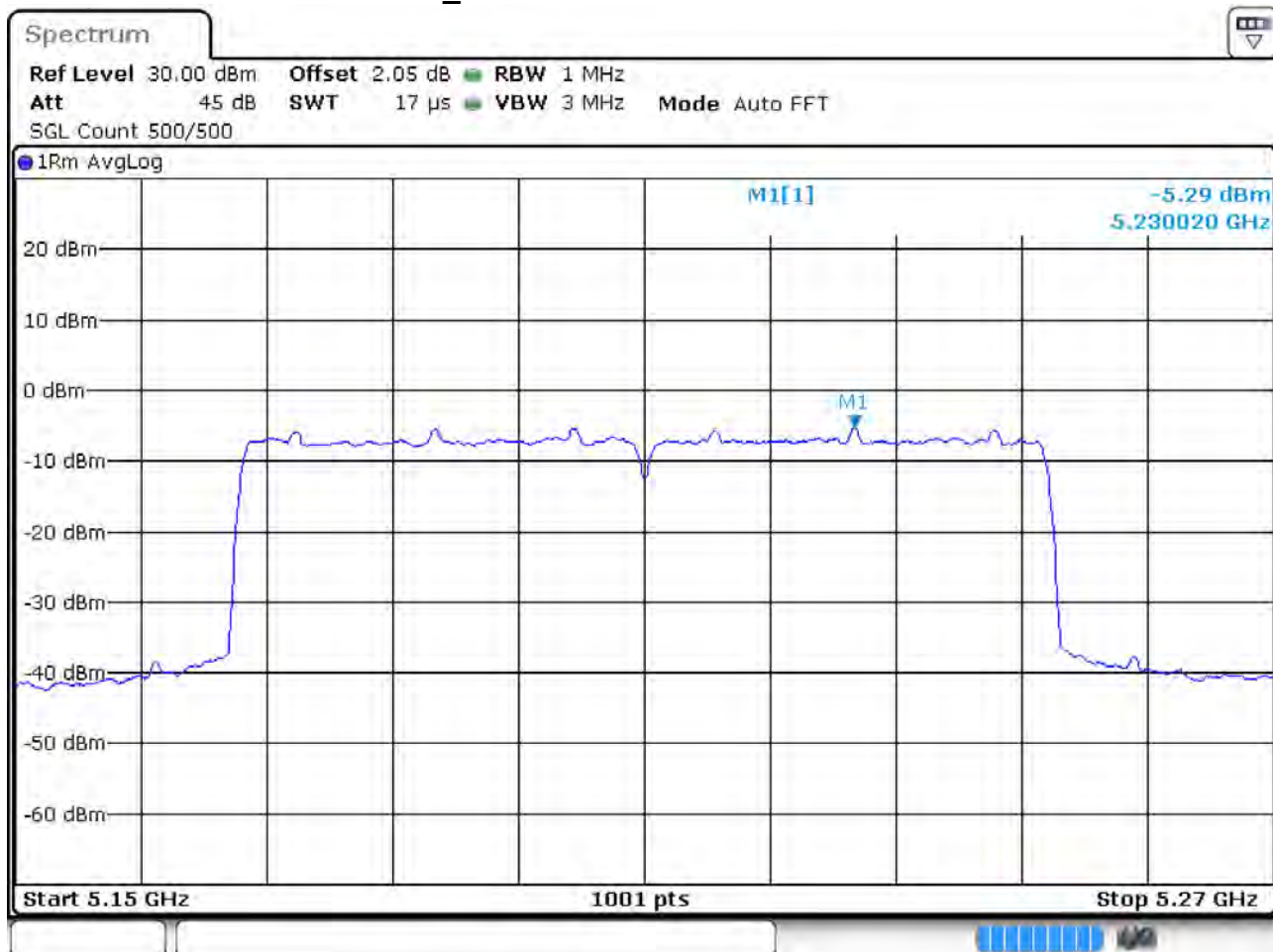
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4.8.2.85

11AC80MIMO_42 ANT 1



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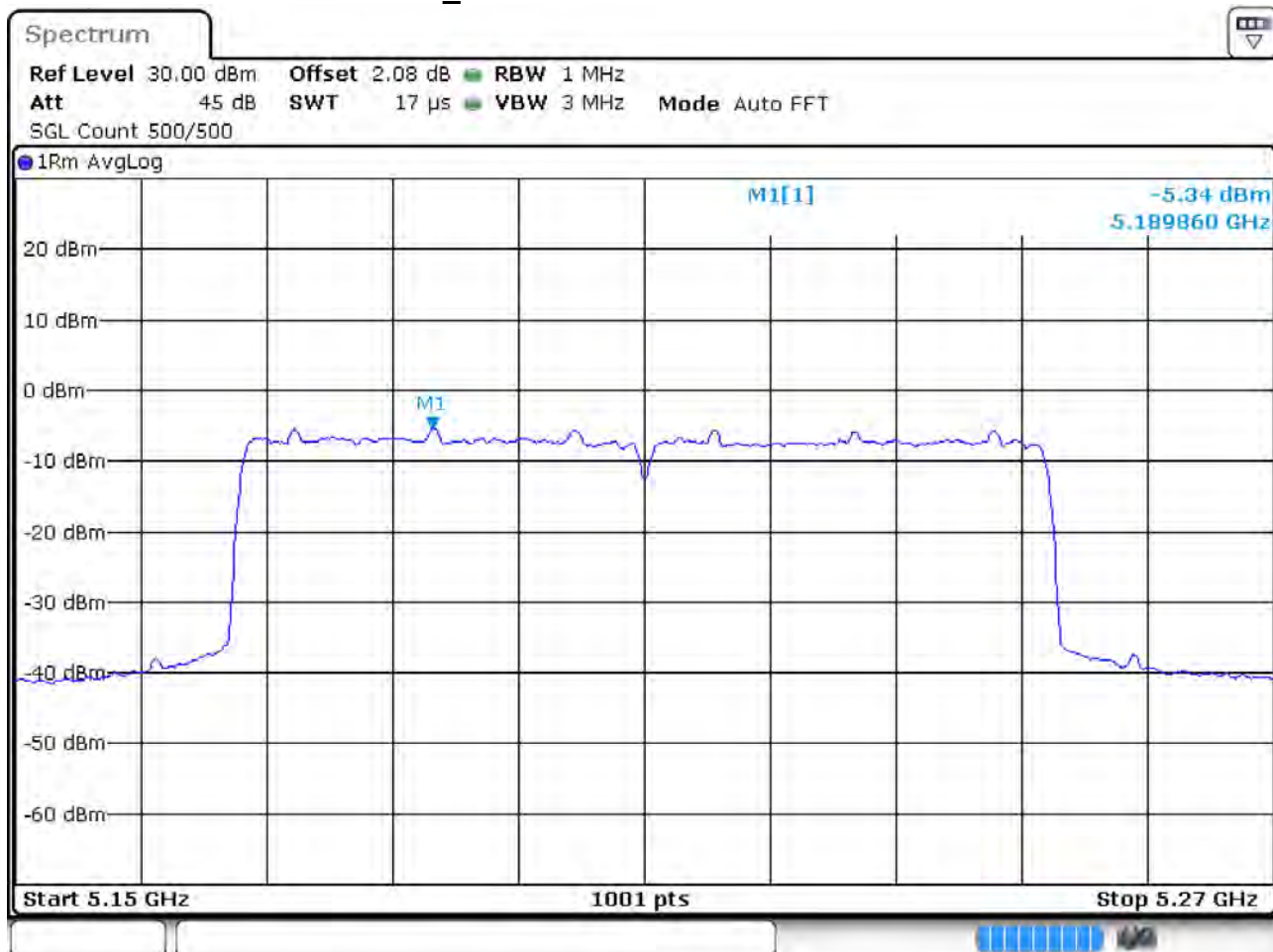
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4.8.2.86

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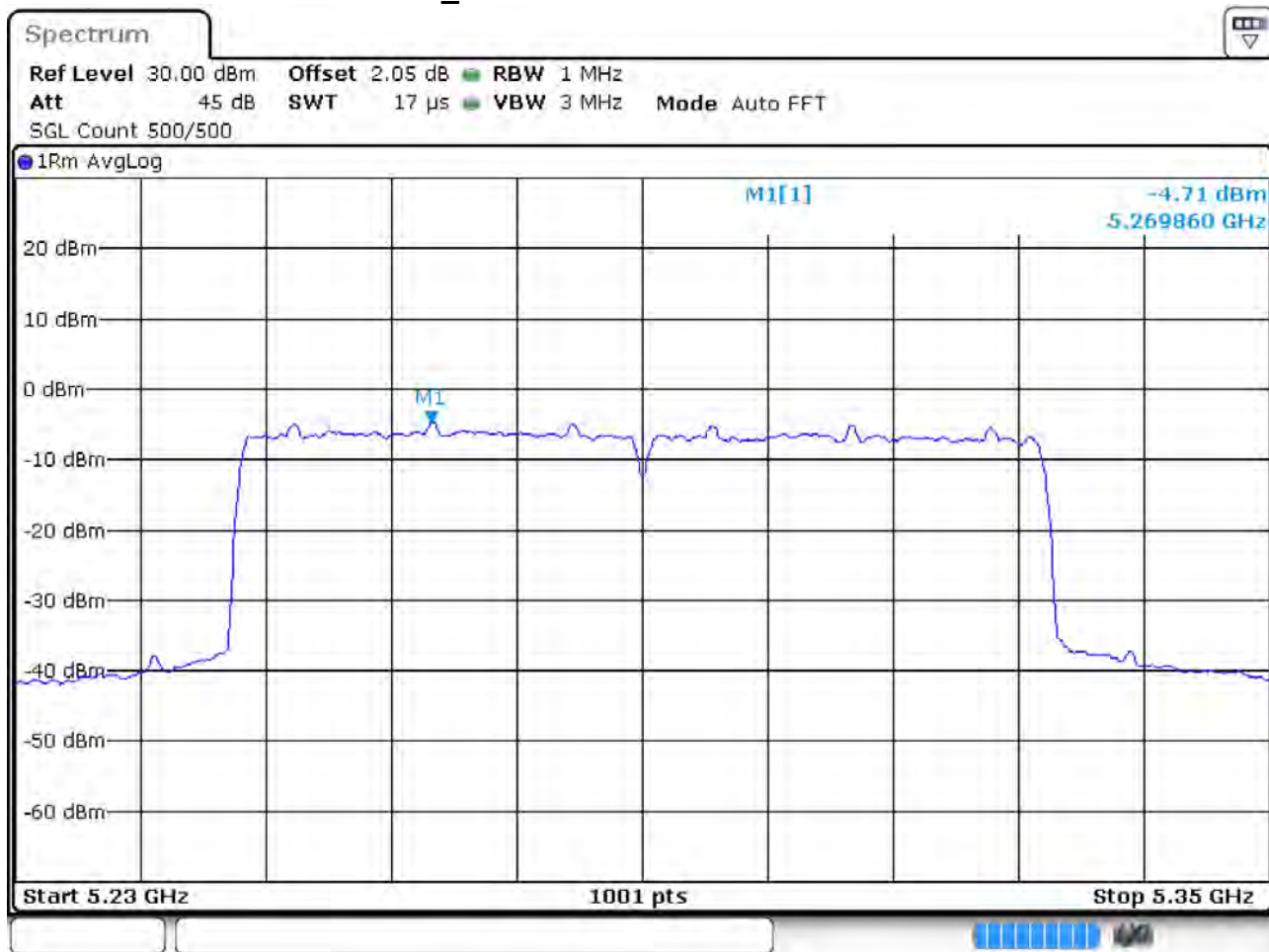
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4.8.2.87

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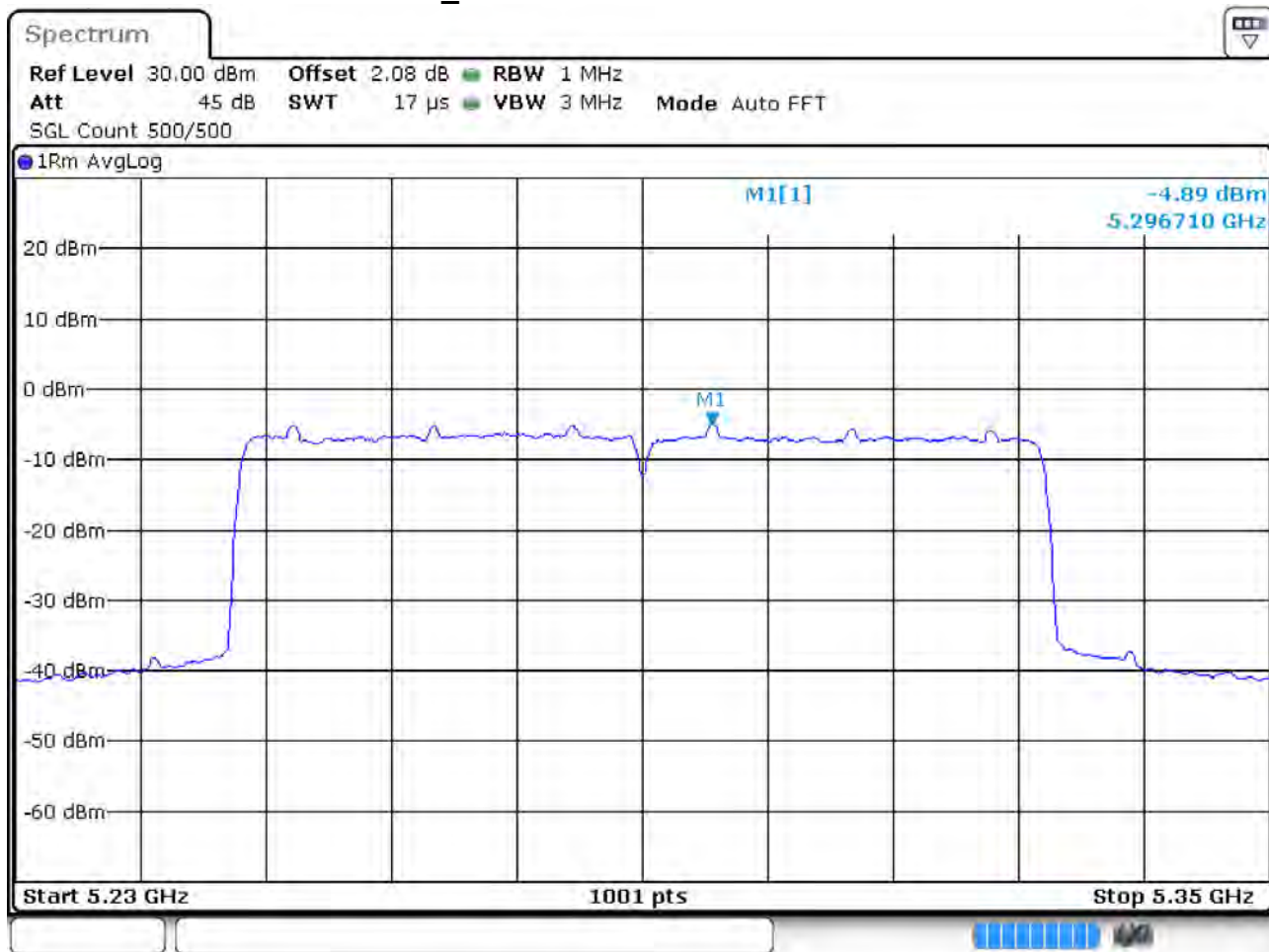
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4.8.2.88

11AC80MIMO_58 ANT 2



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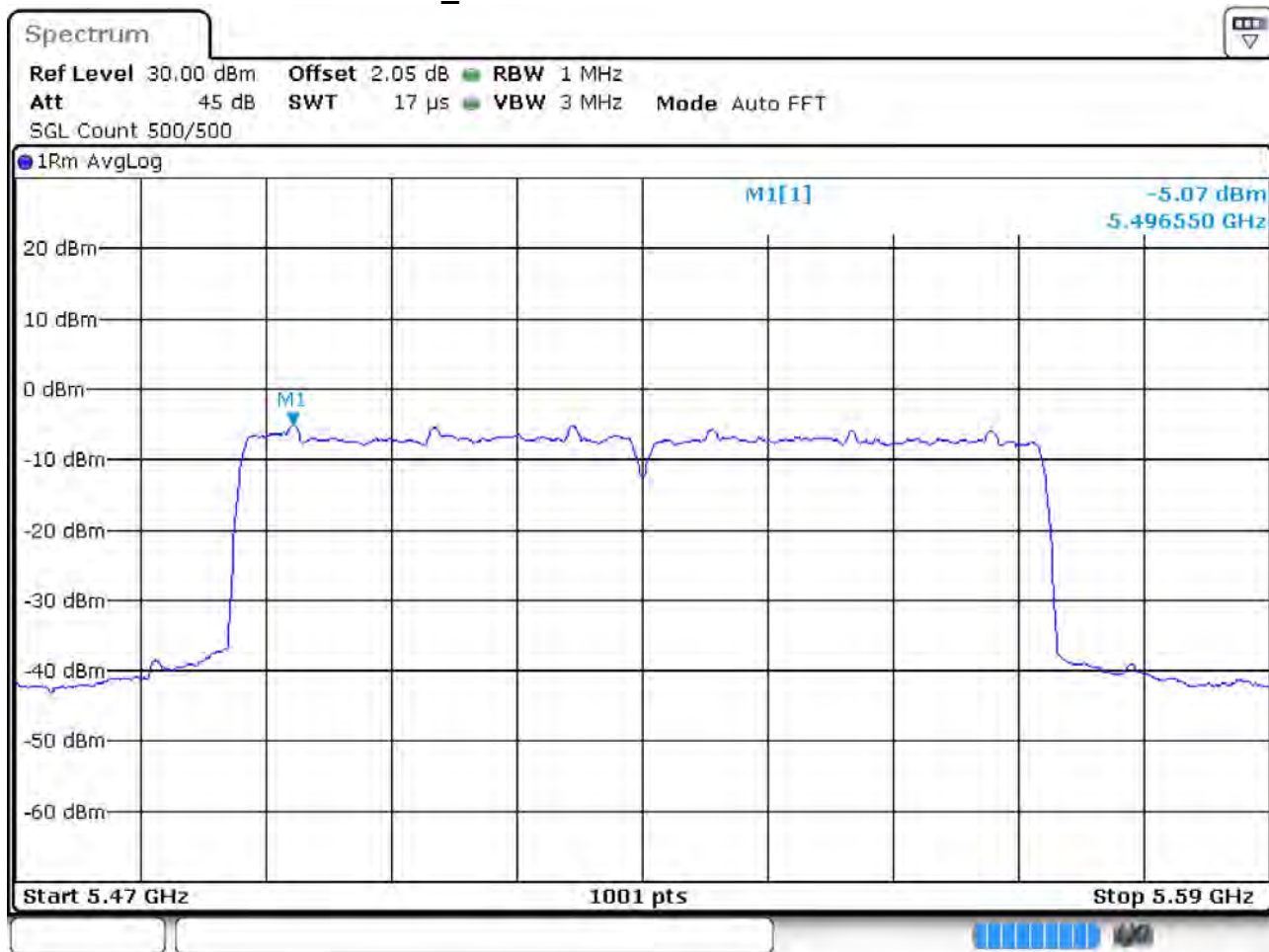
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4.8.2.89

11AC80MIMO_106 ANT 1



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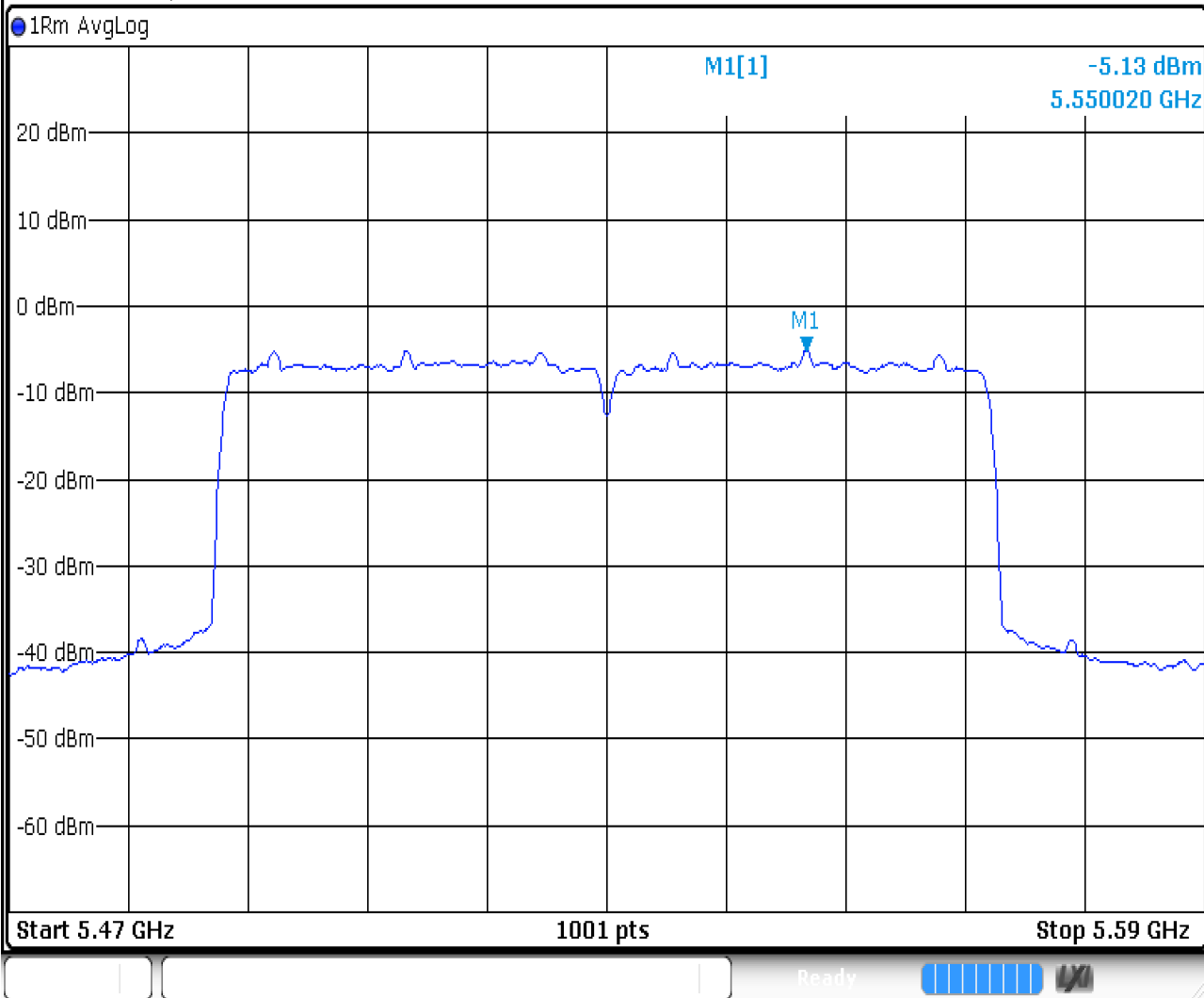
4.8.2.90

11AC80MIMO_106 ANT 2



Spectrum

Ref Level 30.00 dBm Offset 2.08 dB RBW 1 MHz
Att 45 dB SWT 17 μ s VBW 3 MHz Mode Auto FFT
SGL Count 500/500



Date: 9.APR.2020 07:16:43



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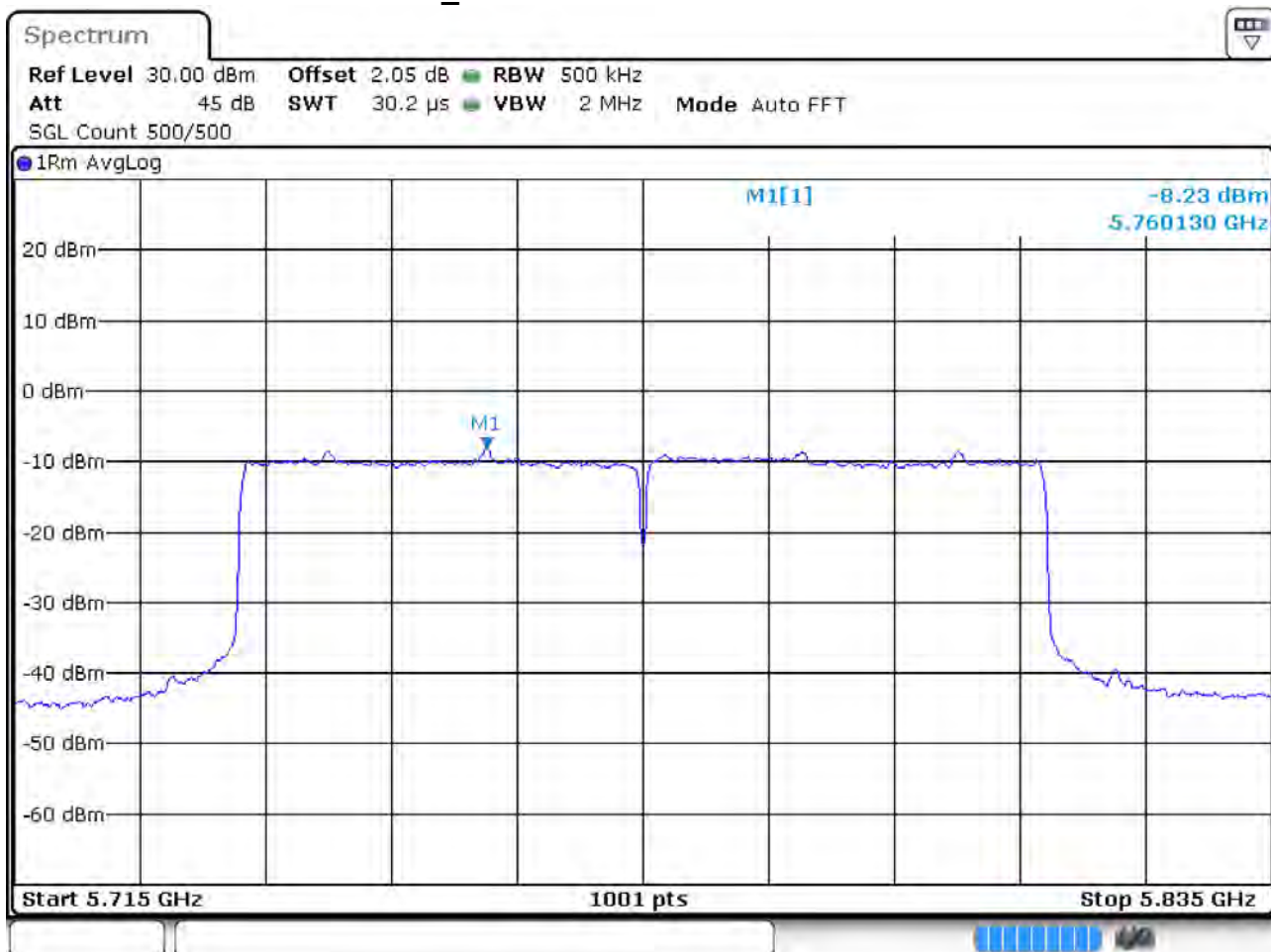
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4.8.2.91

11AC80MIMO_155 ANT 1



Date: 9.APR.2020 07:11:37



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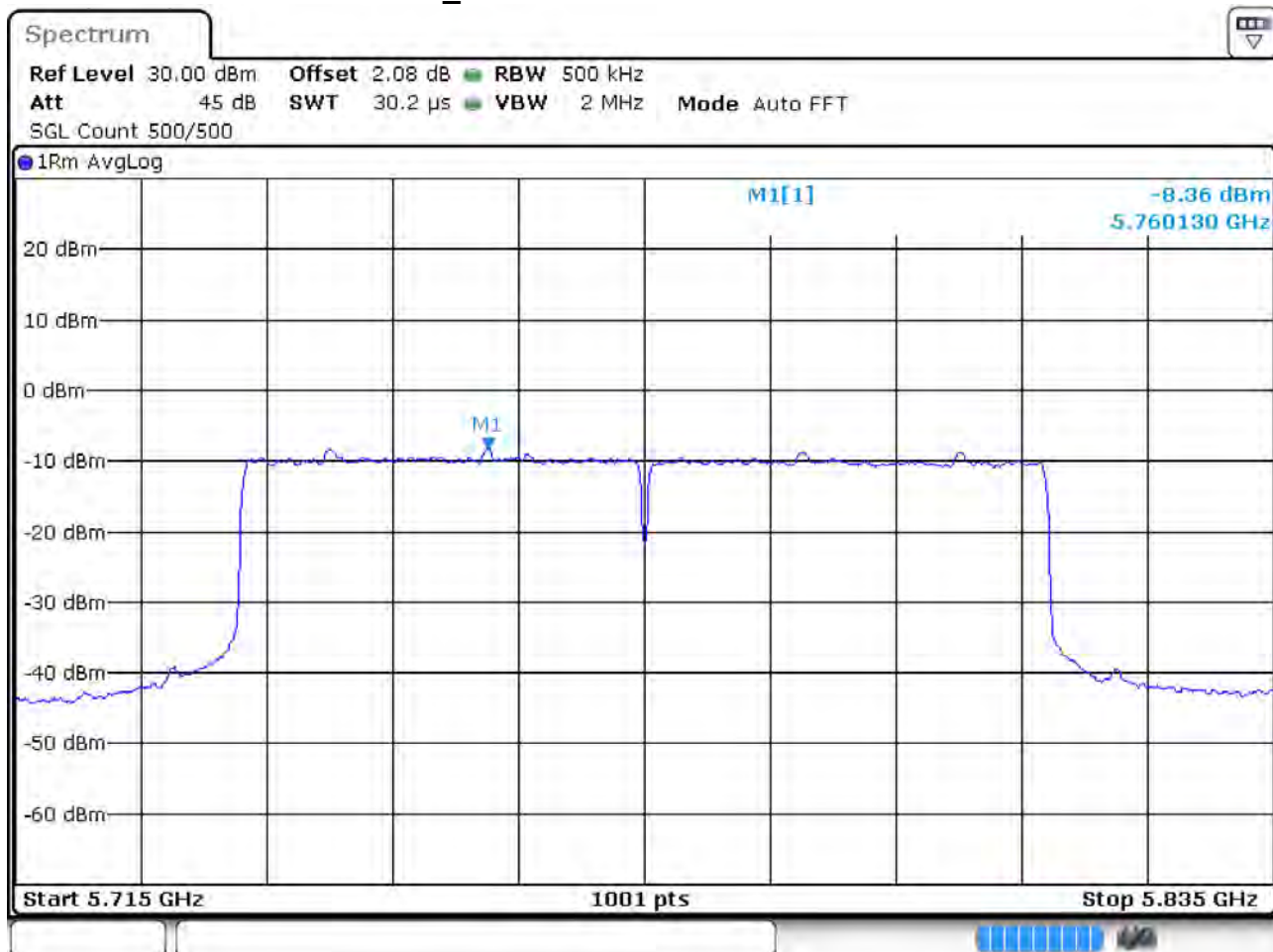
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4.8.2.92

11AC80MIMO_155 ANT 2



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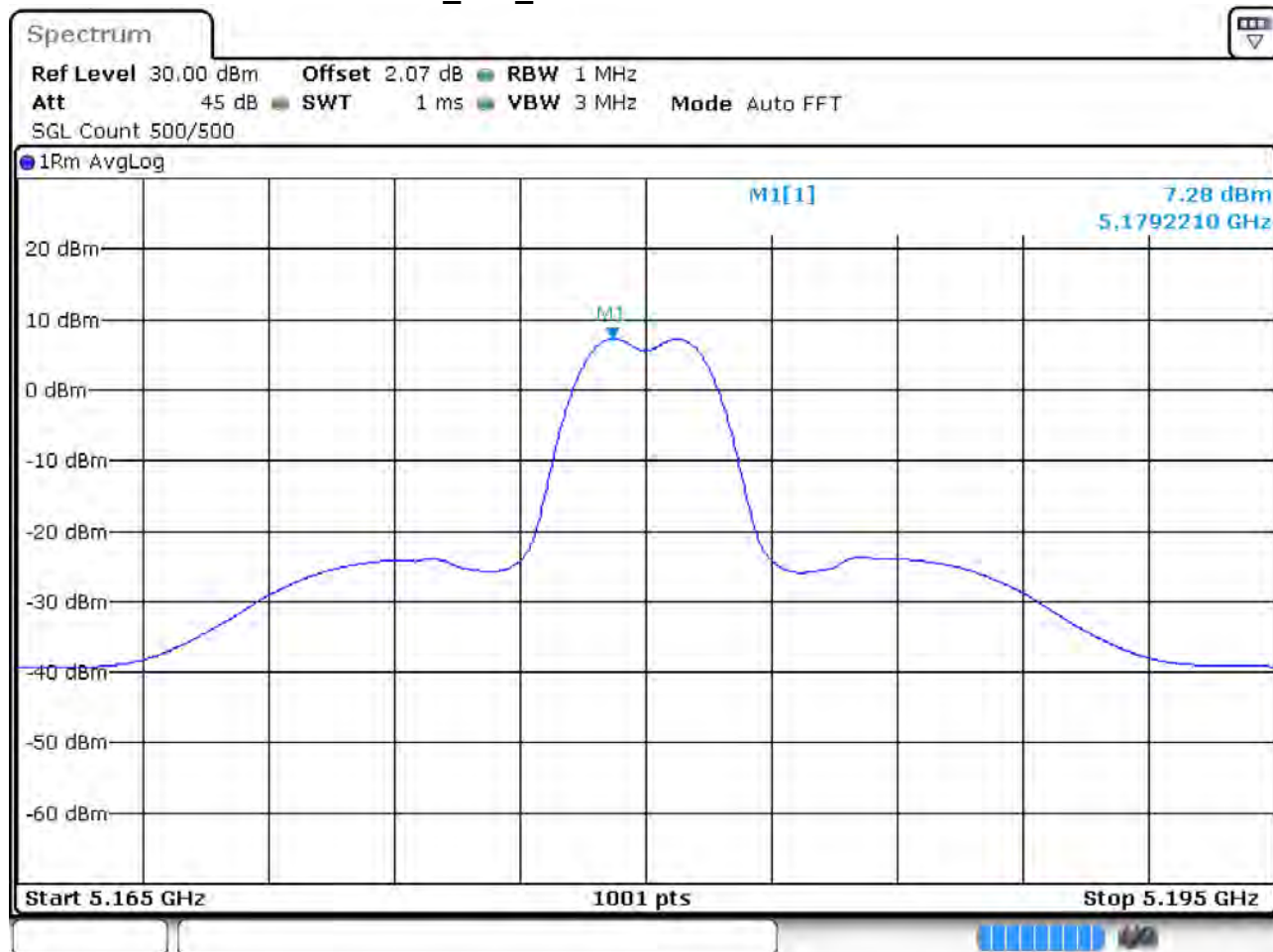
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4.8.2.93

11AX20MIMO_26T_36 ANT 1



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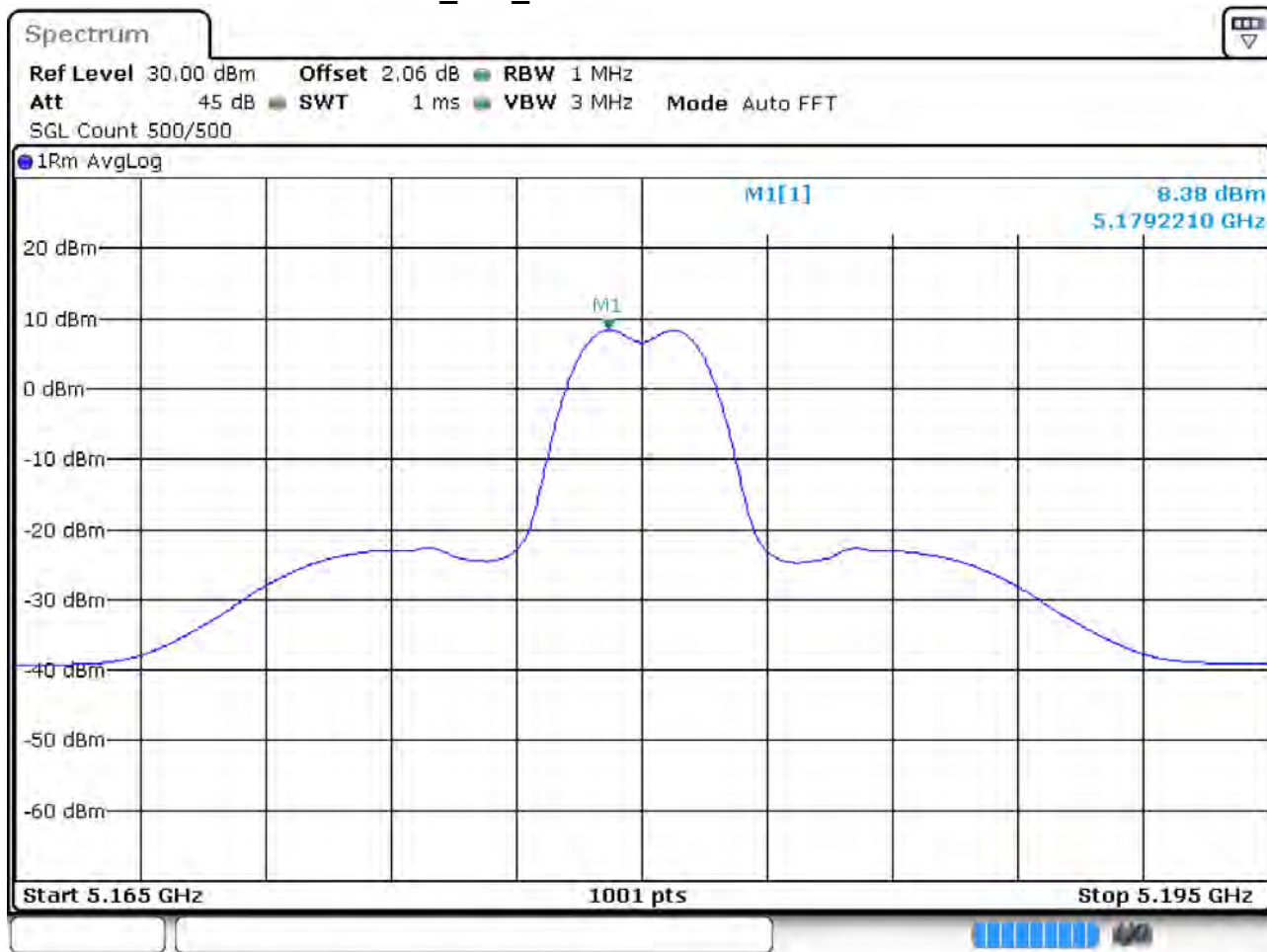
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4.8.2.94

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4.8.2.95

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4.8.2.96

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4.8.2.97 11AX20MIMO_26T_52 ANT 1



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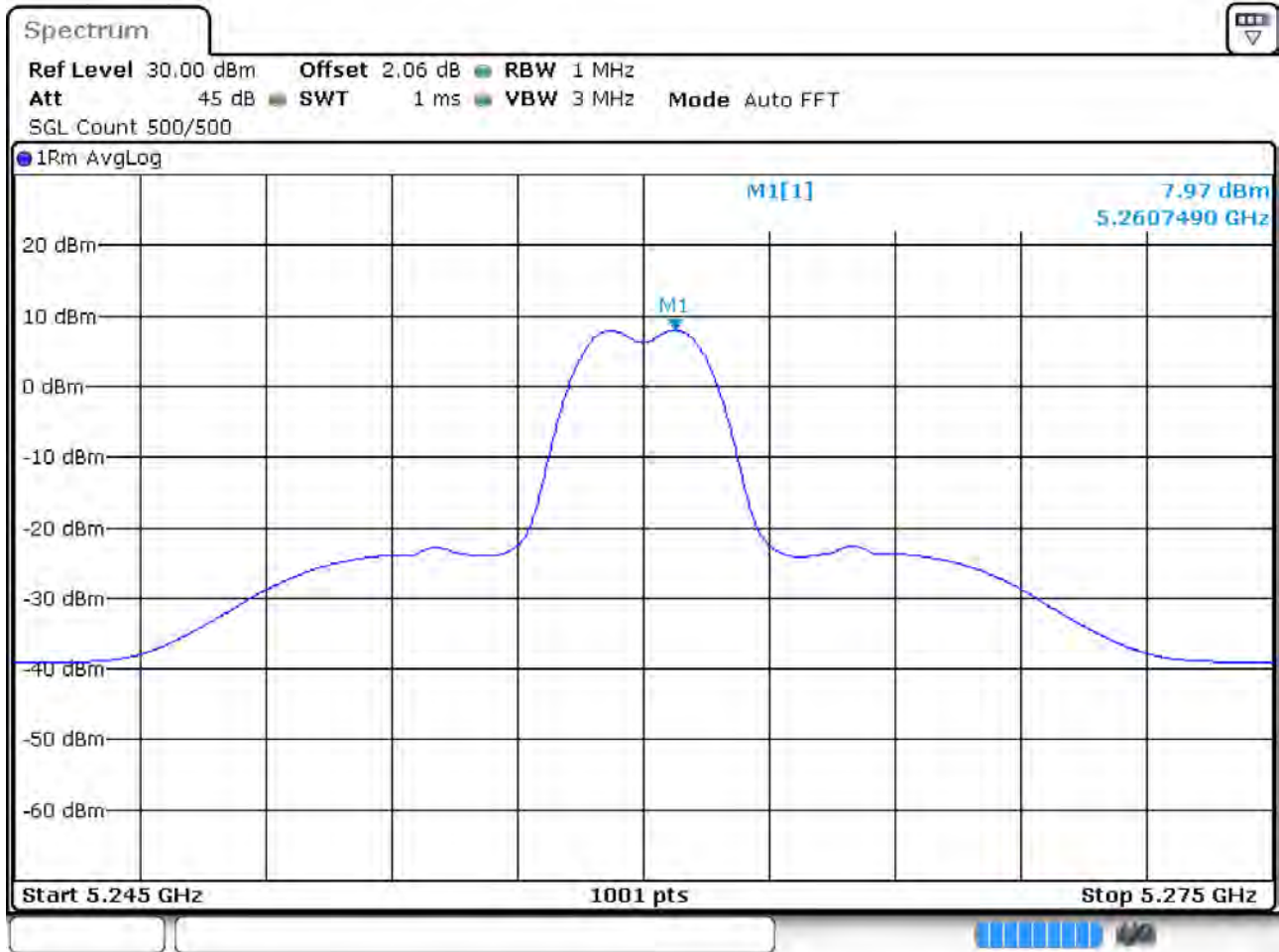
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4.8.2.98

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4.8.2.99

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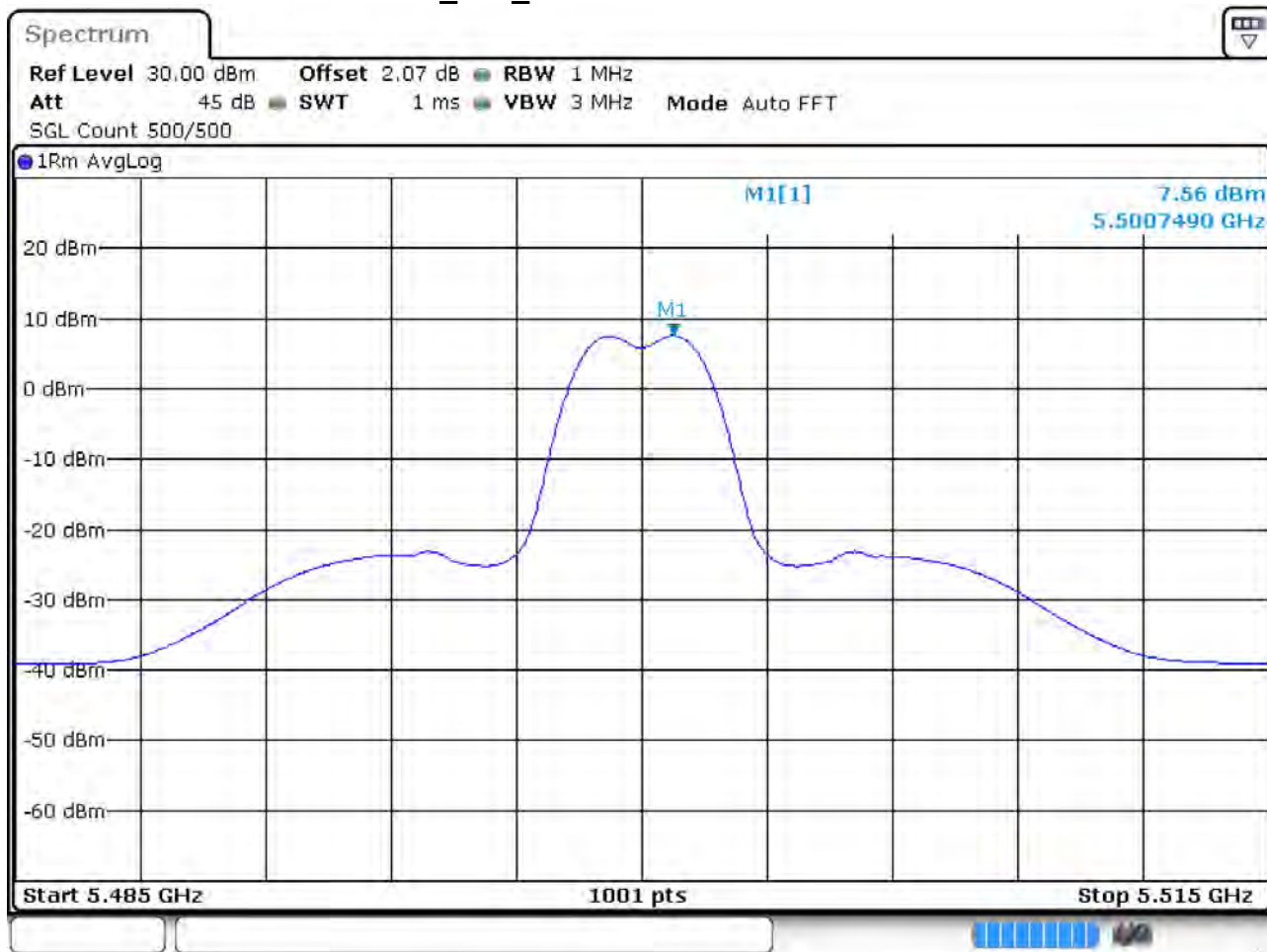
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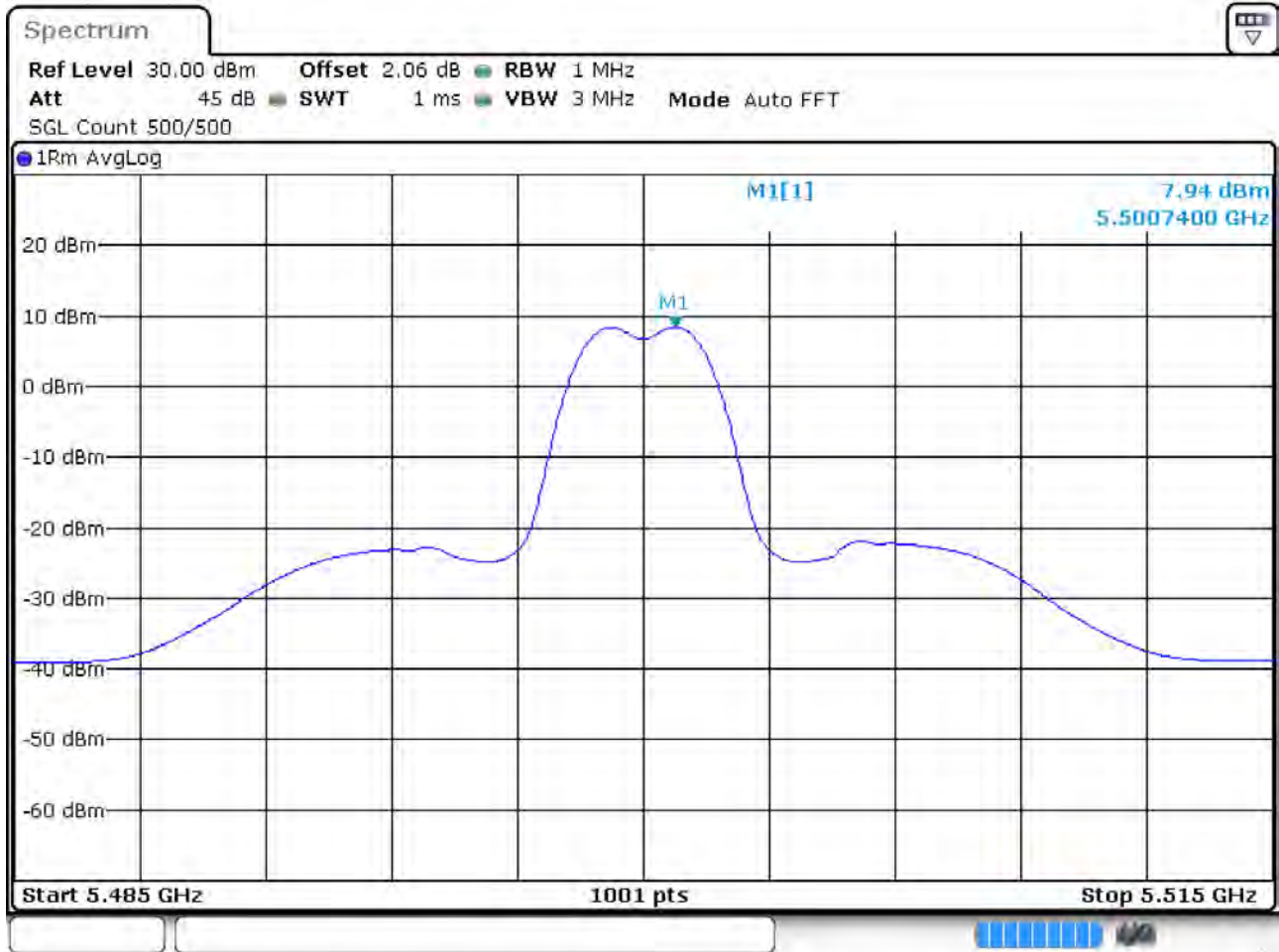
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4.8.2.102 11AX20MIMO_26T_100 ANT 2



Date: 30.APR.2020 03:50:58



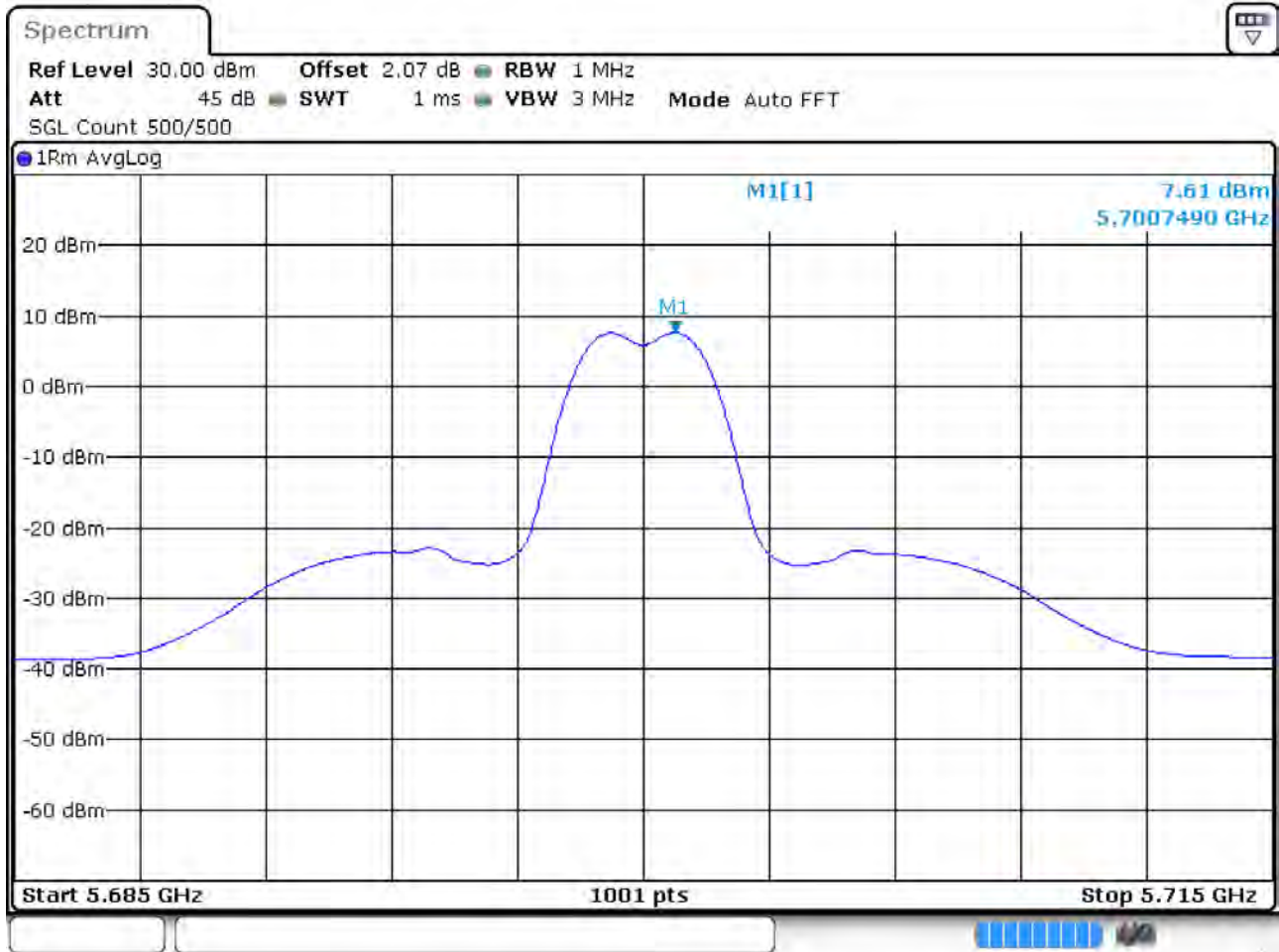
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4.8.2.103 11AX20MIMO_26T_140 ANT 1



Date: 28.APR.2020 03:09:12



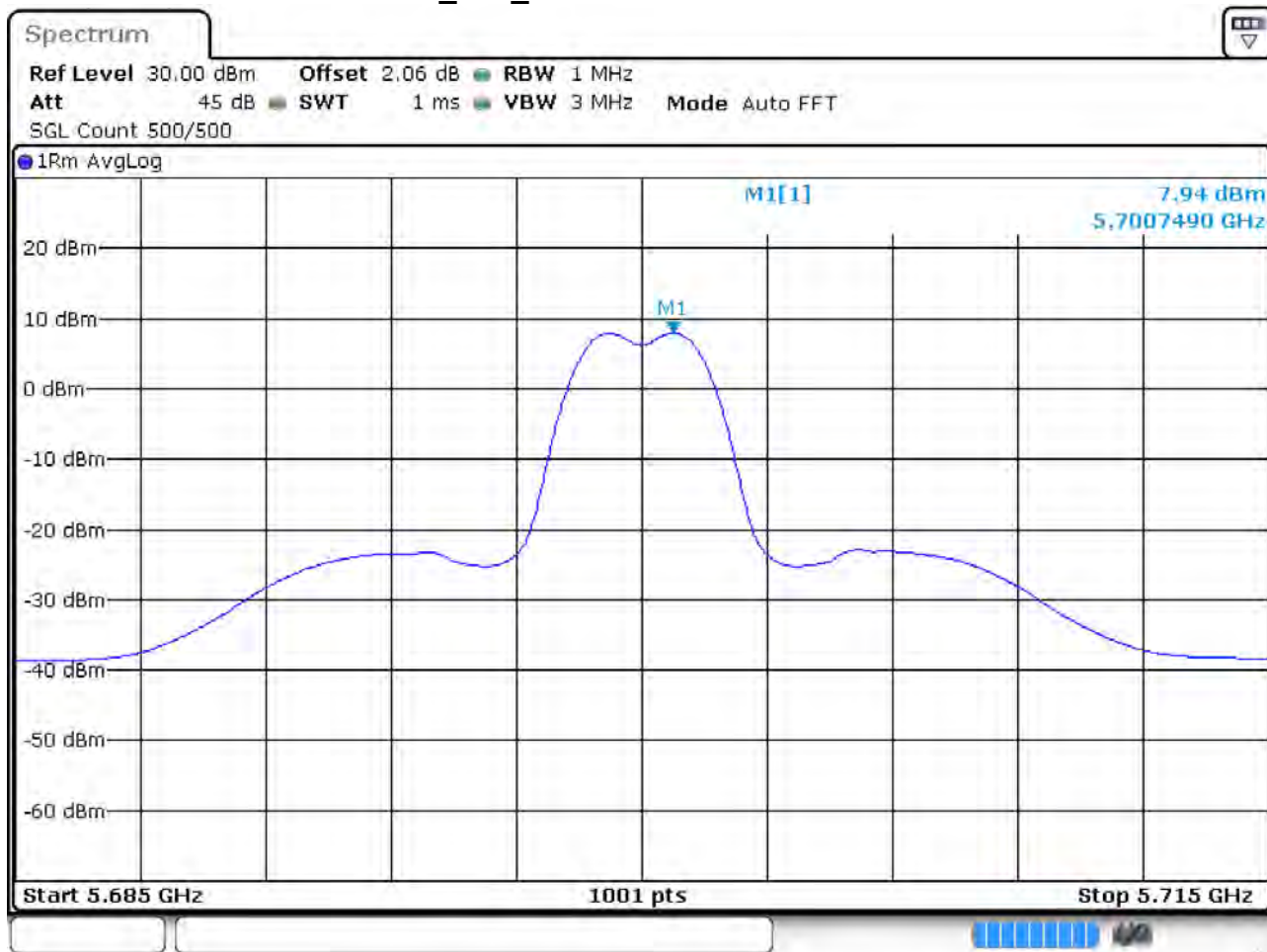
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4.8.2.104 11AX20MIMO_26T_140 ANT 2



Date: 28 APR 2020 03:32:21





4.8.2.105 11AX20MIMO_26T_149 ANT 1



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4.8.2.106 11AX20MIMO_26T_149 ANT 2



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4.8.2.107 11AX20MIMO_26T_161 ANT 1



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4.8.2.108

11AX20MIMO_26T_161 ANT 2



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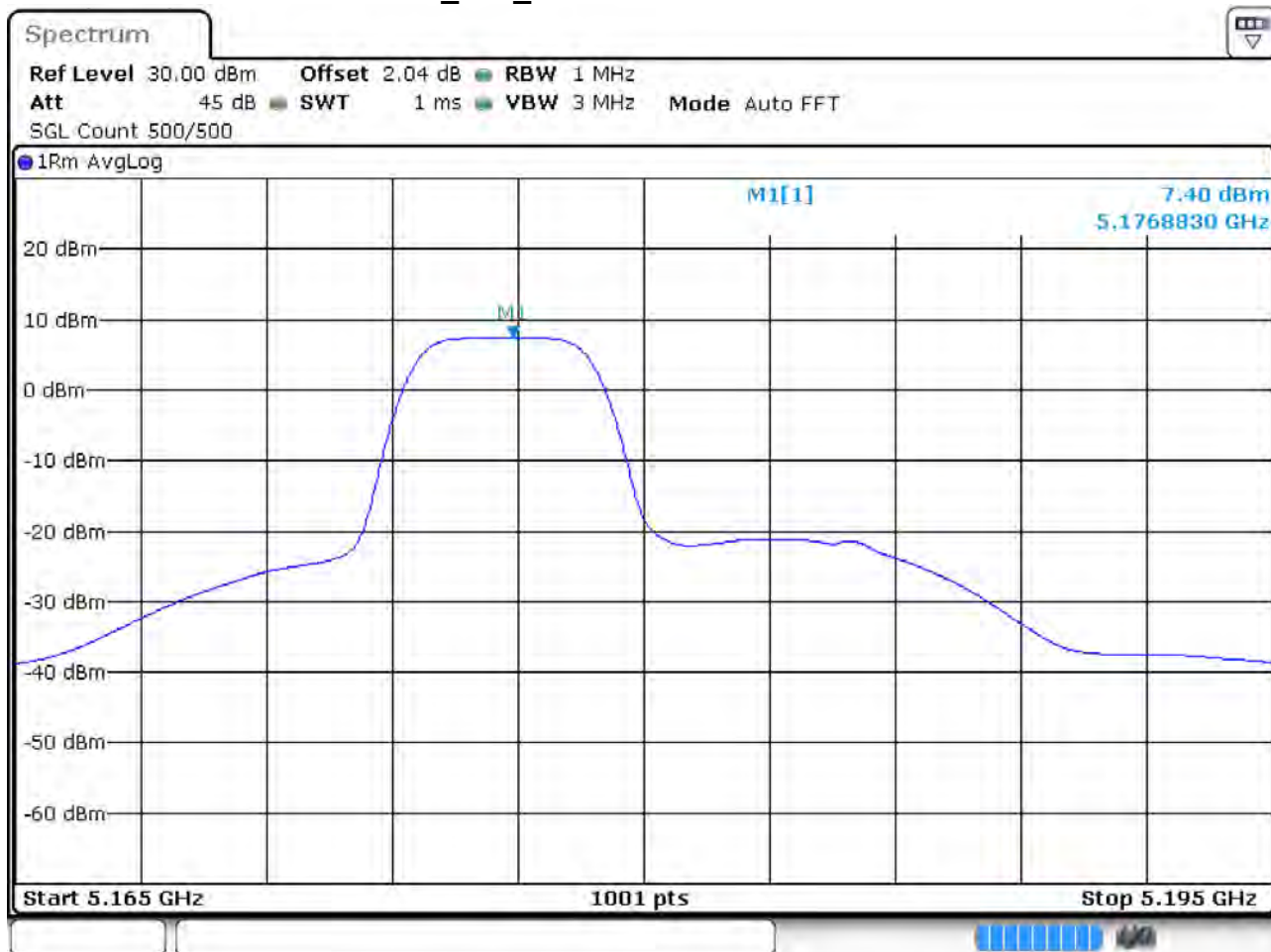
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4.8.2.109

11AX20MIMO_52T_36 ANT 1

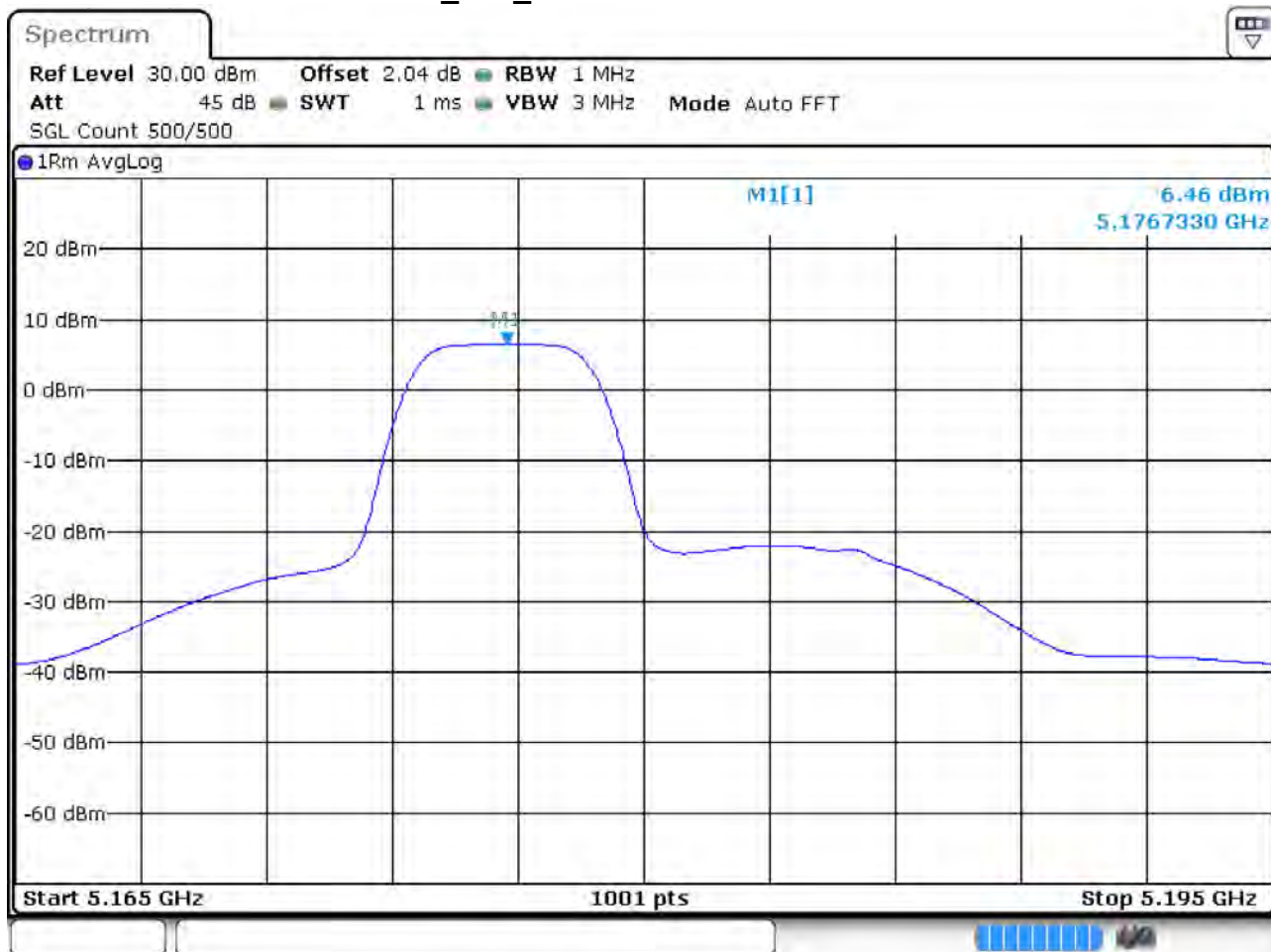


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4.8.2.110 11AX20MIMO_52T_36 ANT 2

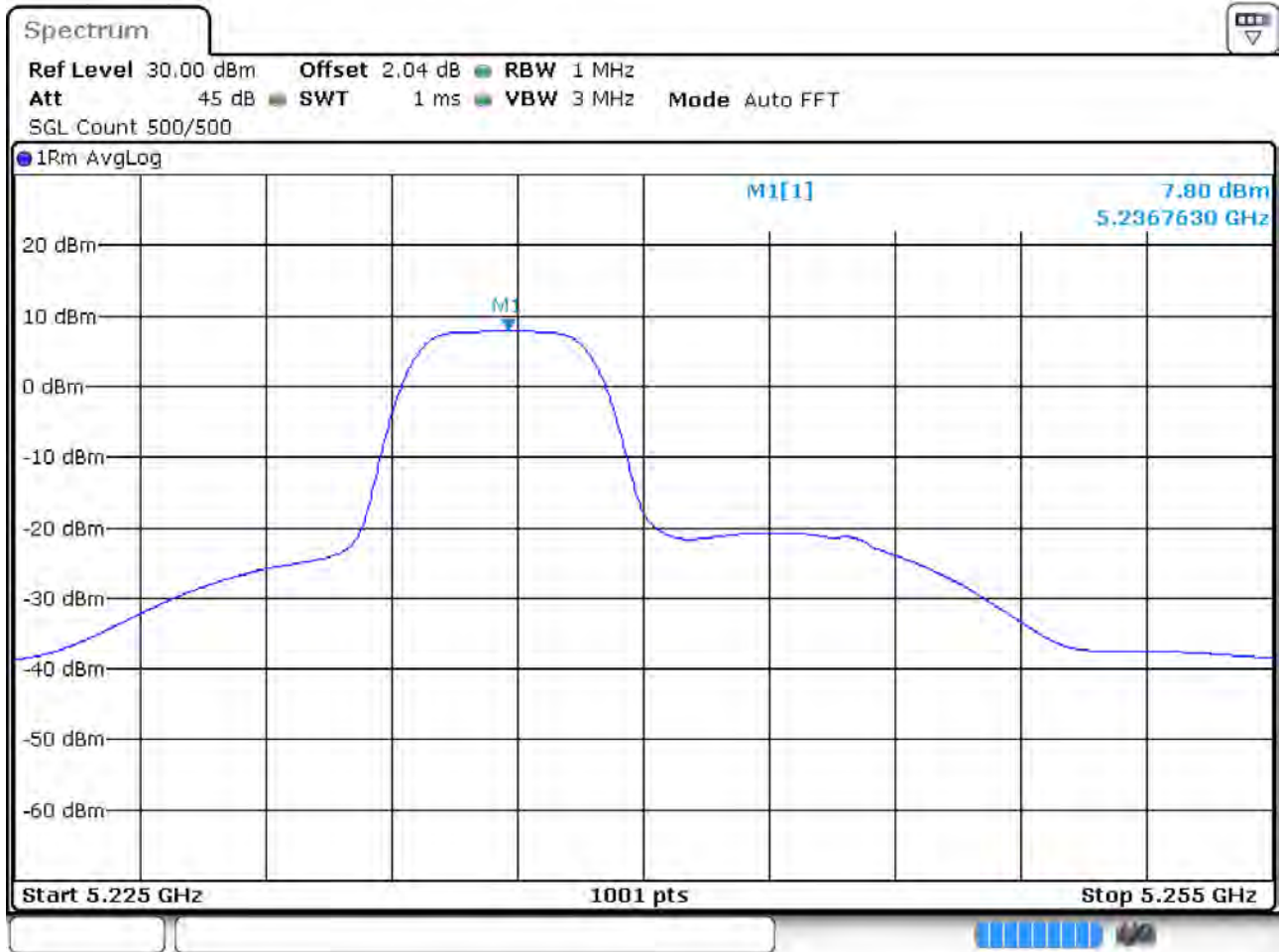


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4.8.2.111 11AX20MIMO_52T_48 ANT 1



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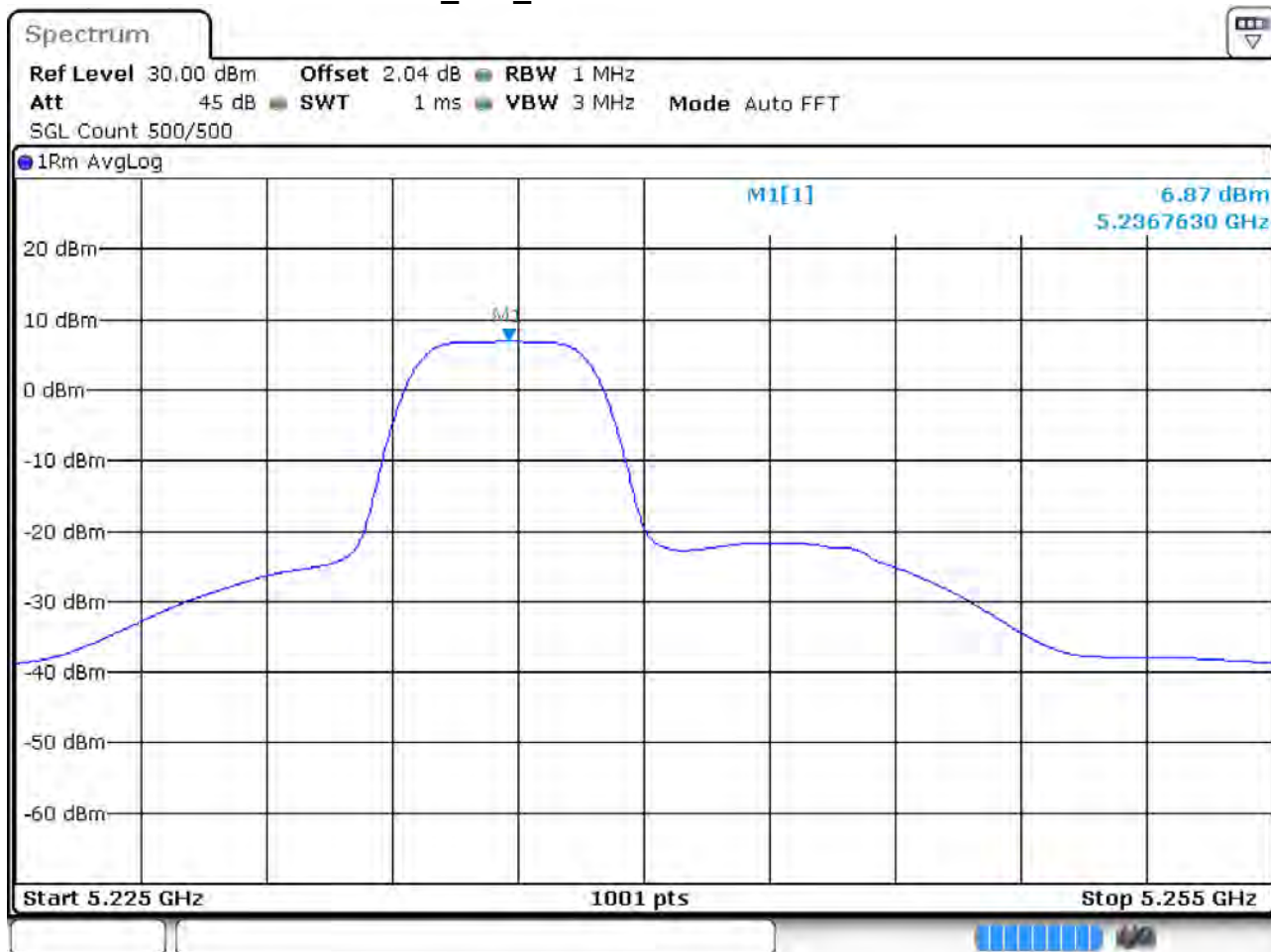
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4.8.2.112 11AX20MIMO_52T_48 ANT 2



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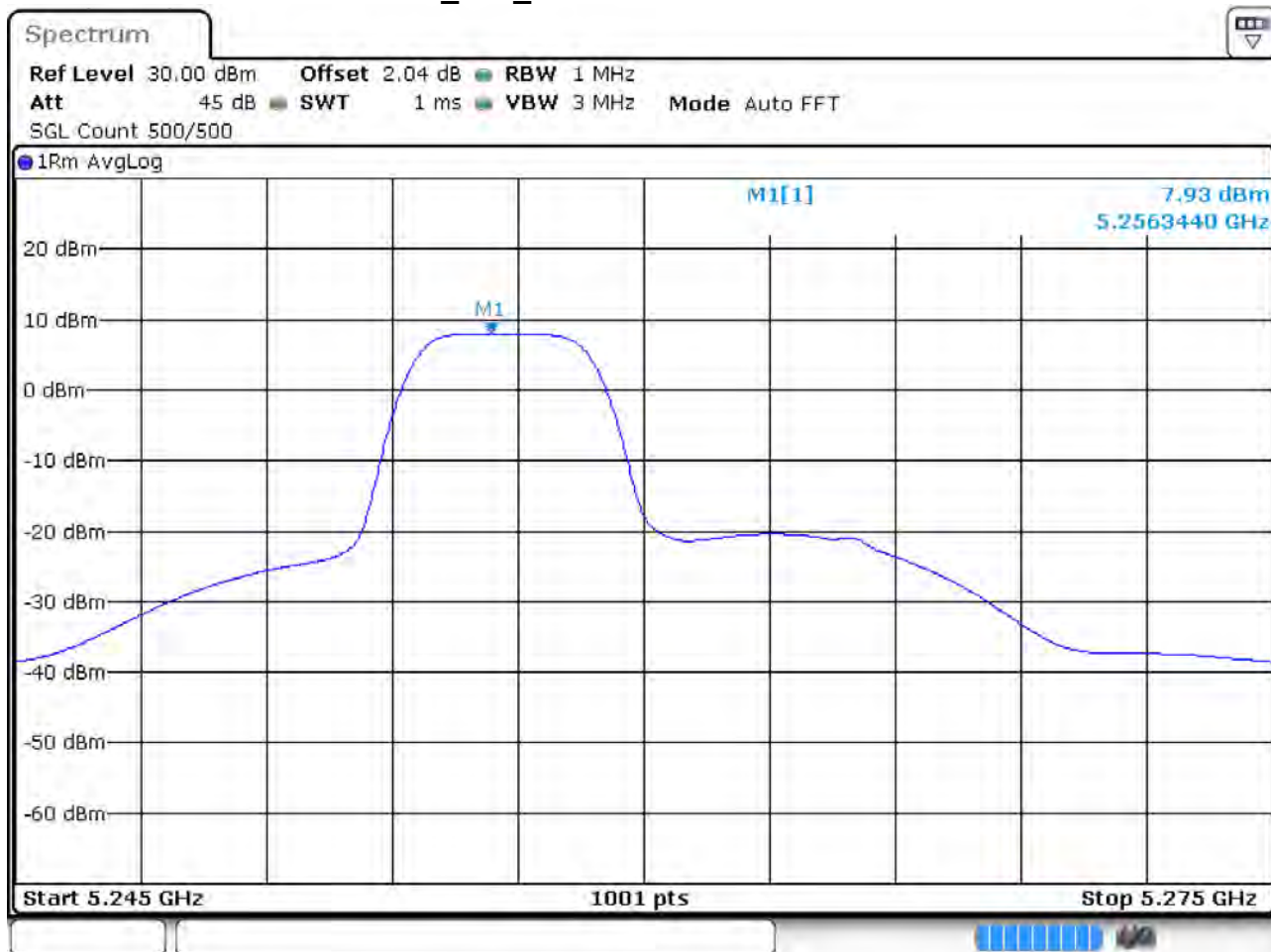
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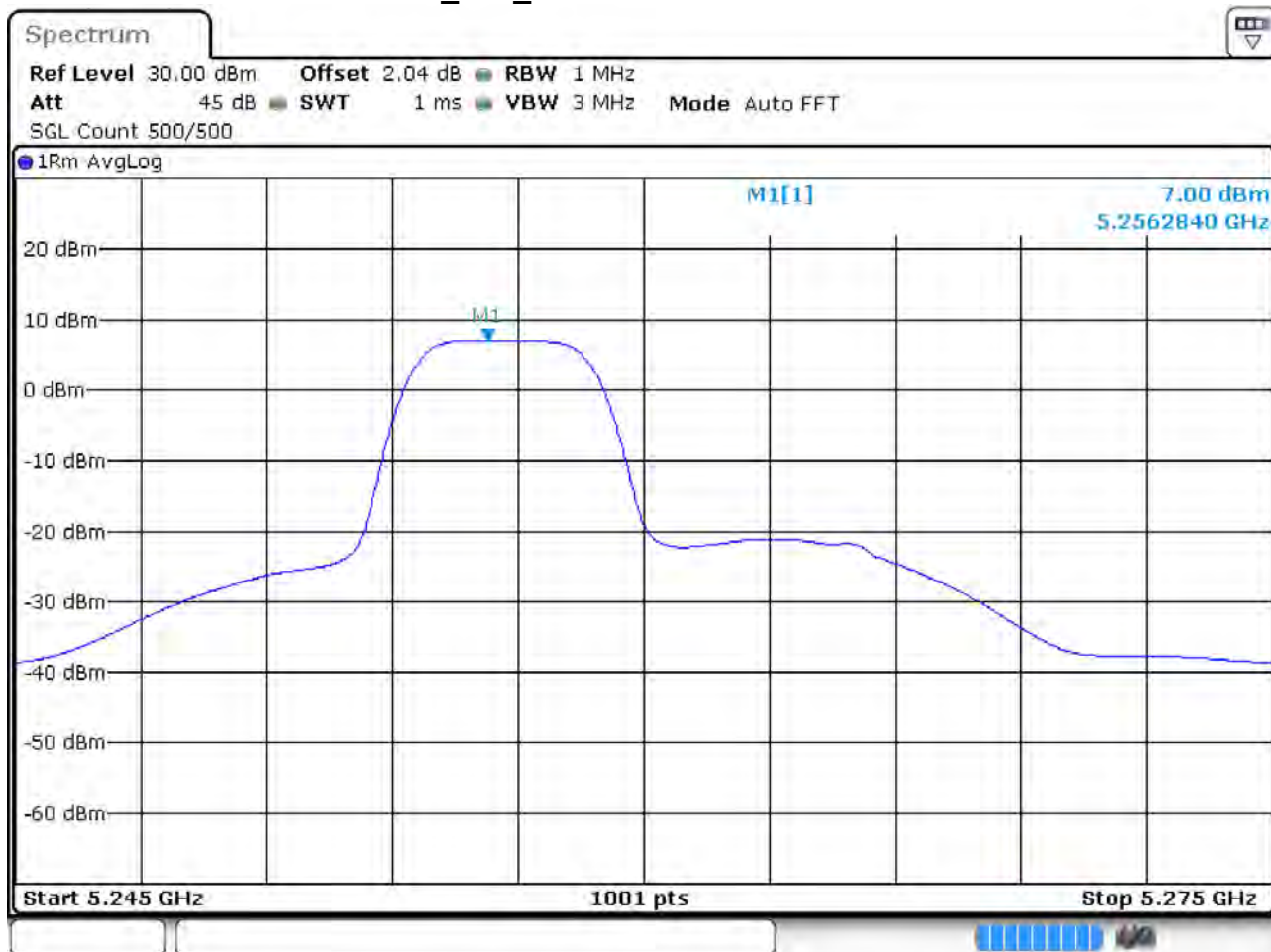


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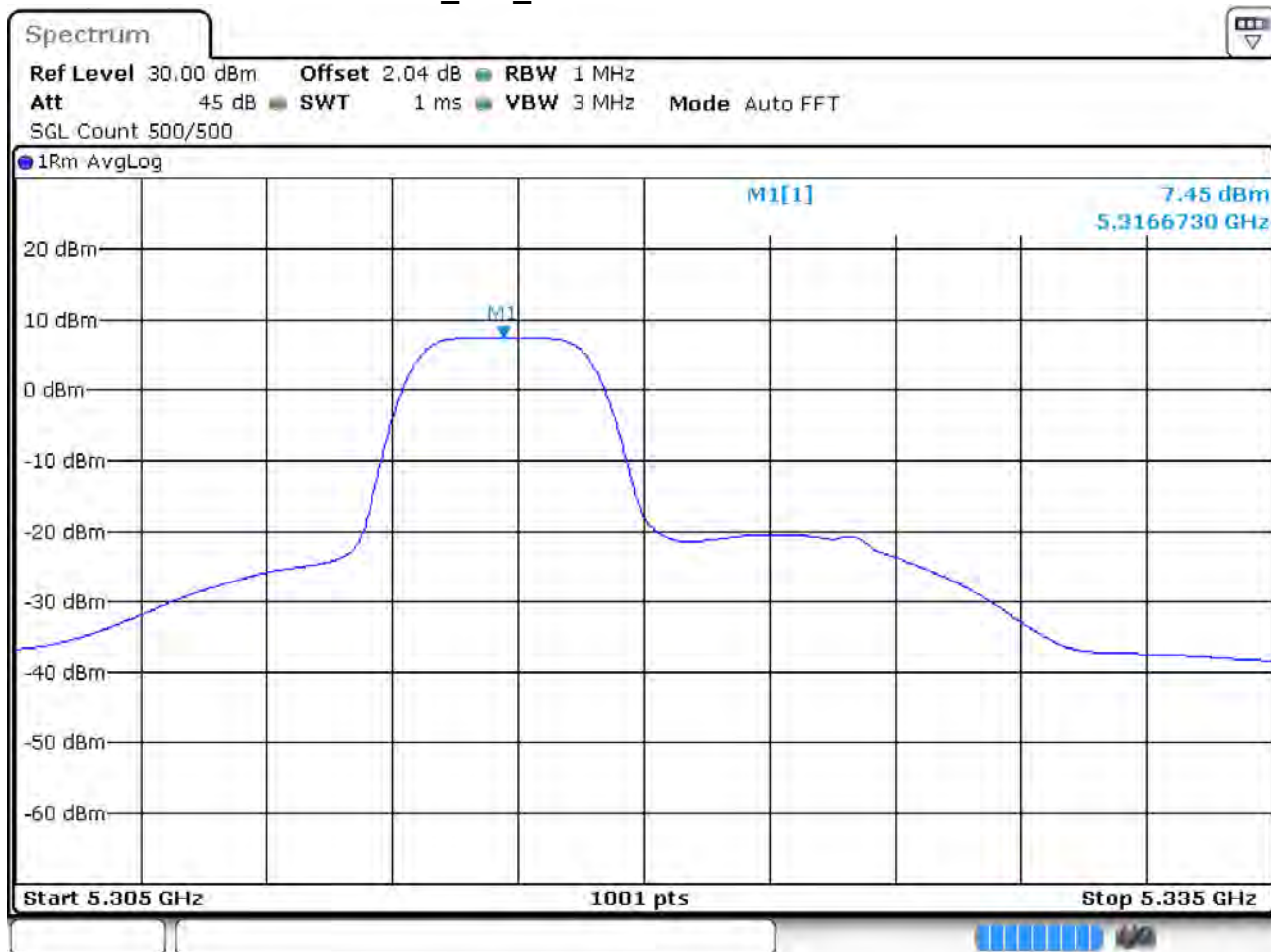
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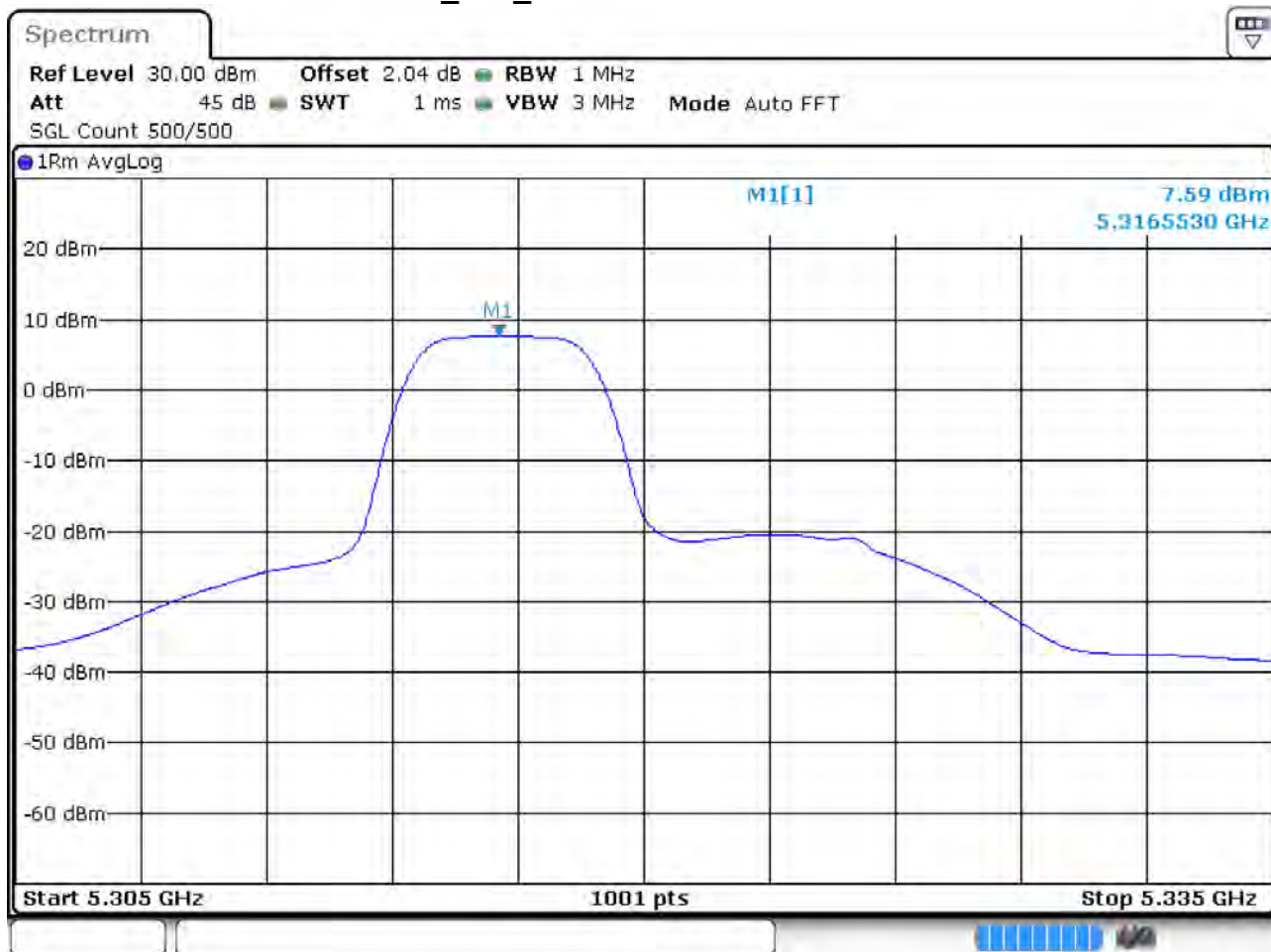


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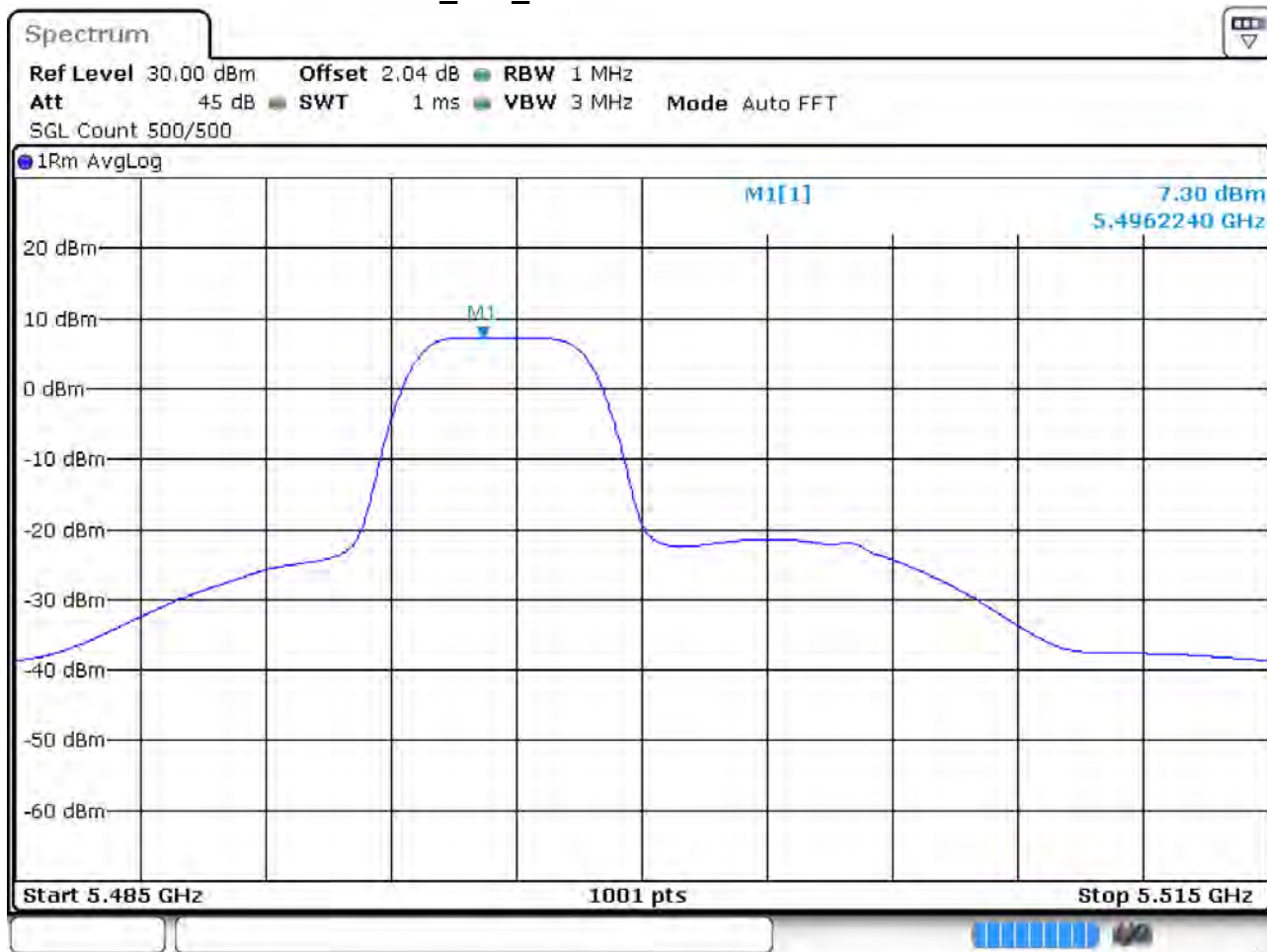
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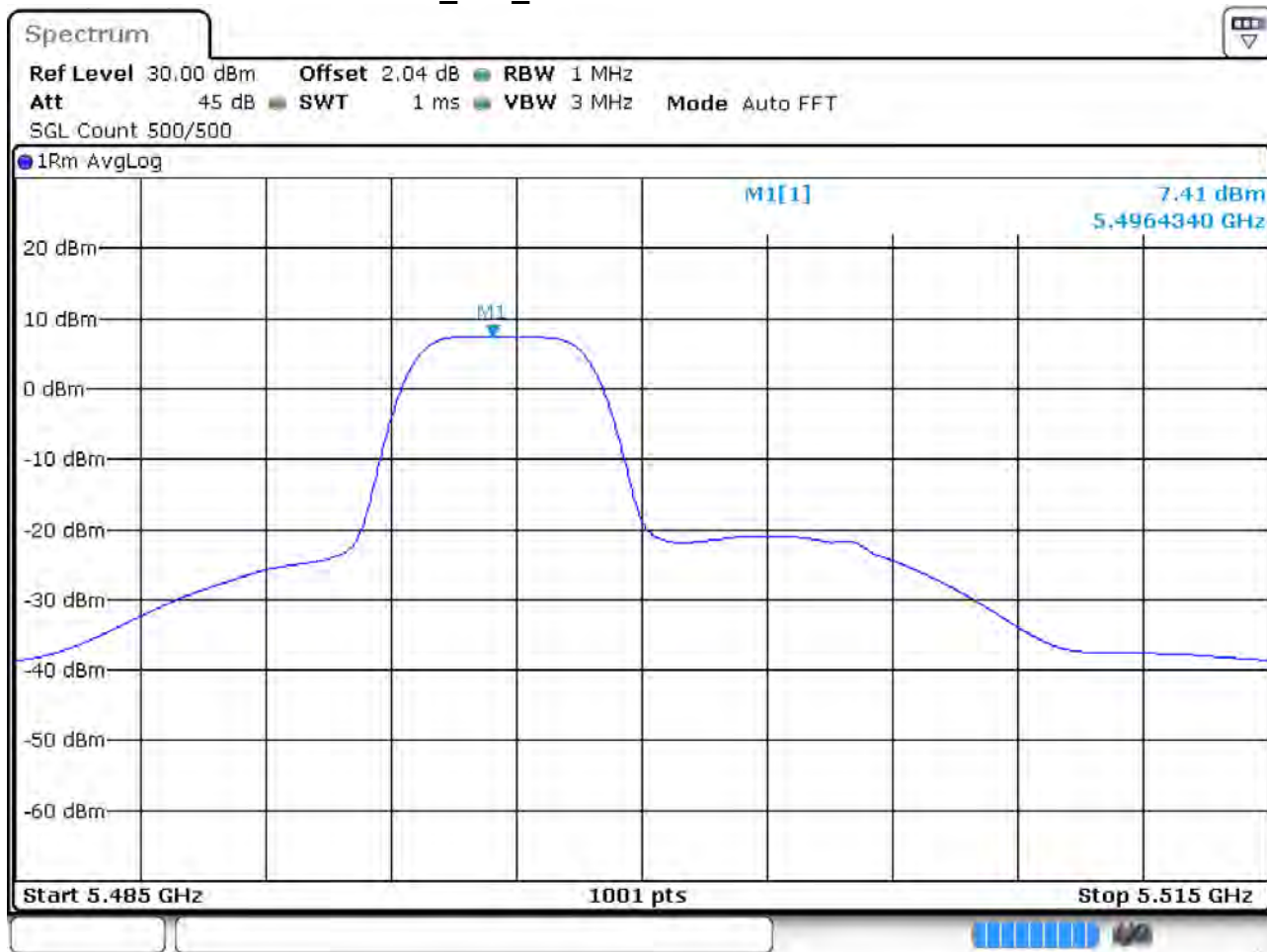


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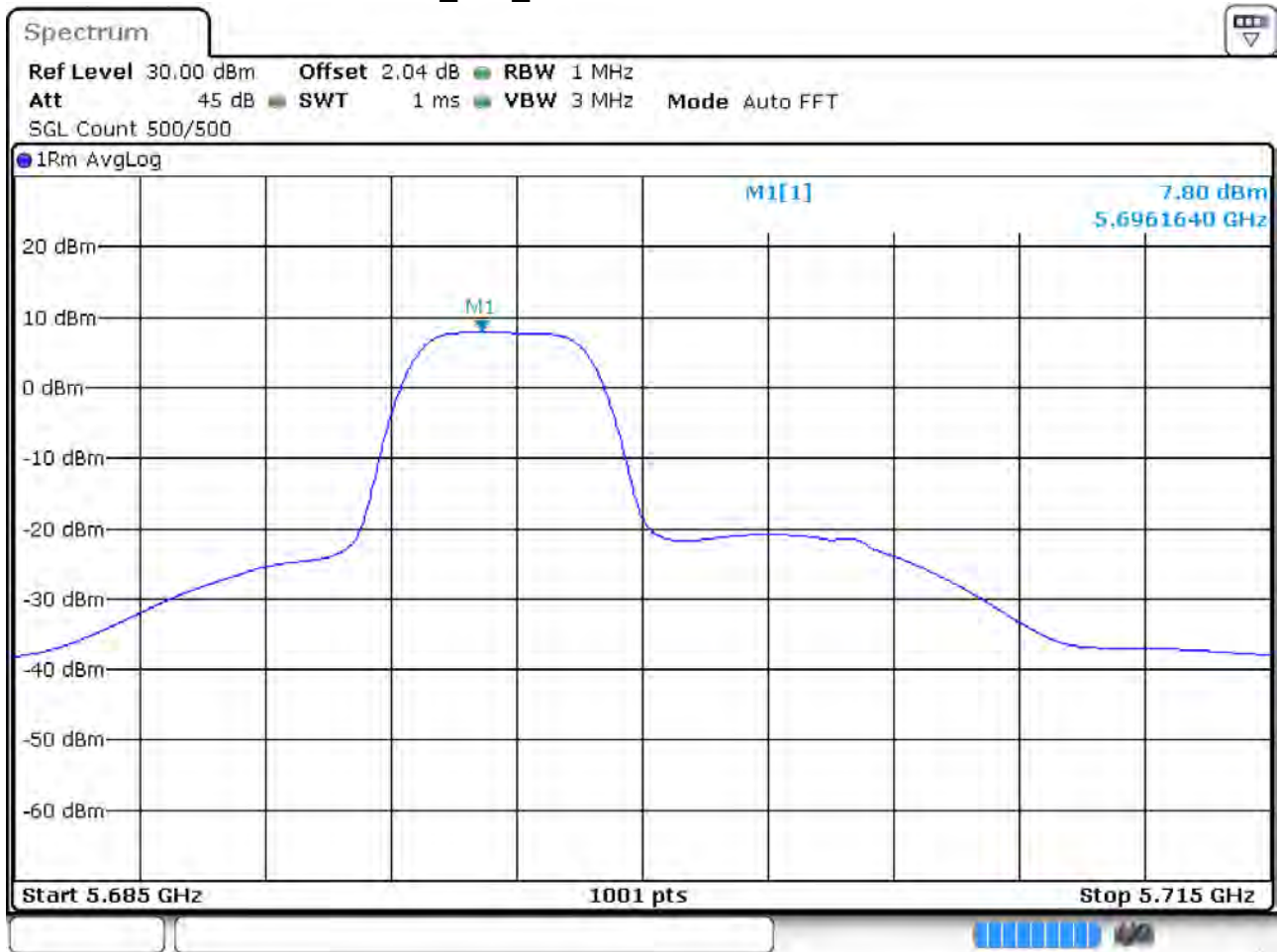


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4.8.2.120 11AX20MIMO_52T_140 ANT 1



Date: 28 APR 2020 05:03:21

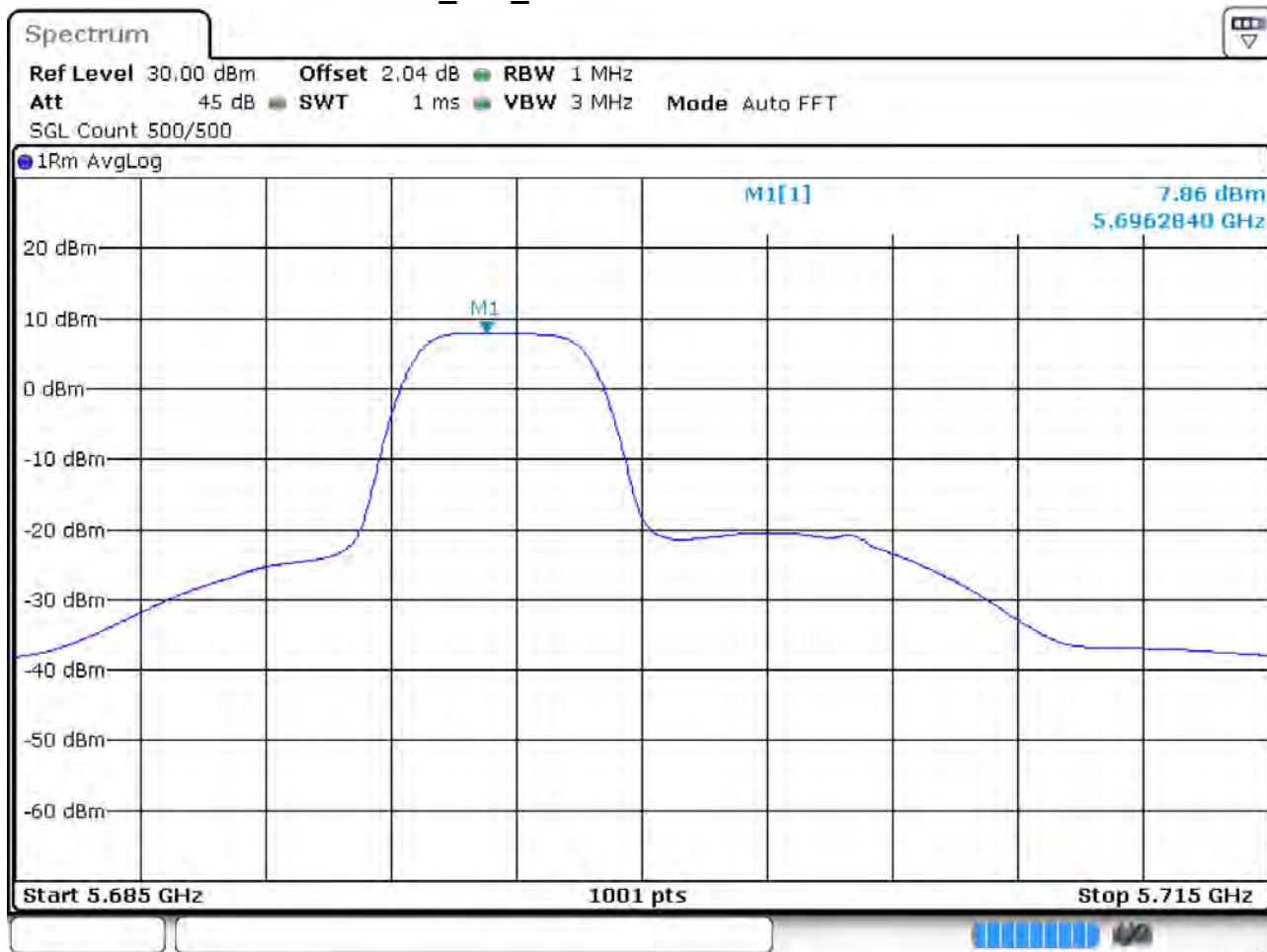


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4.8.2.121 11AX20MIMO_52T_140 ANT 2



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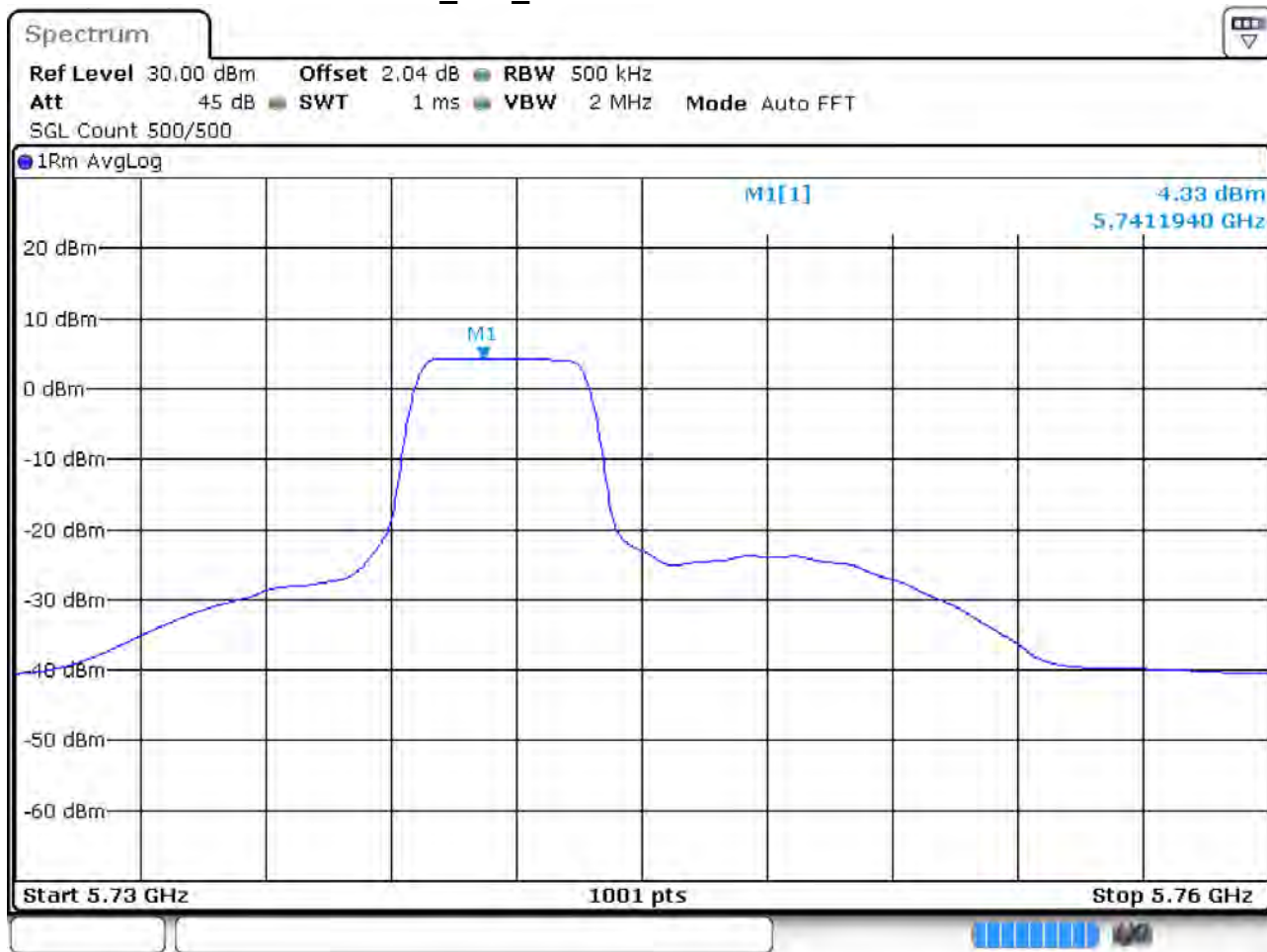
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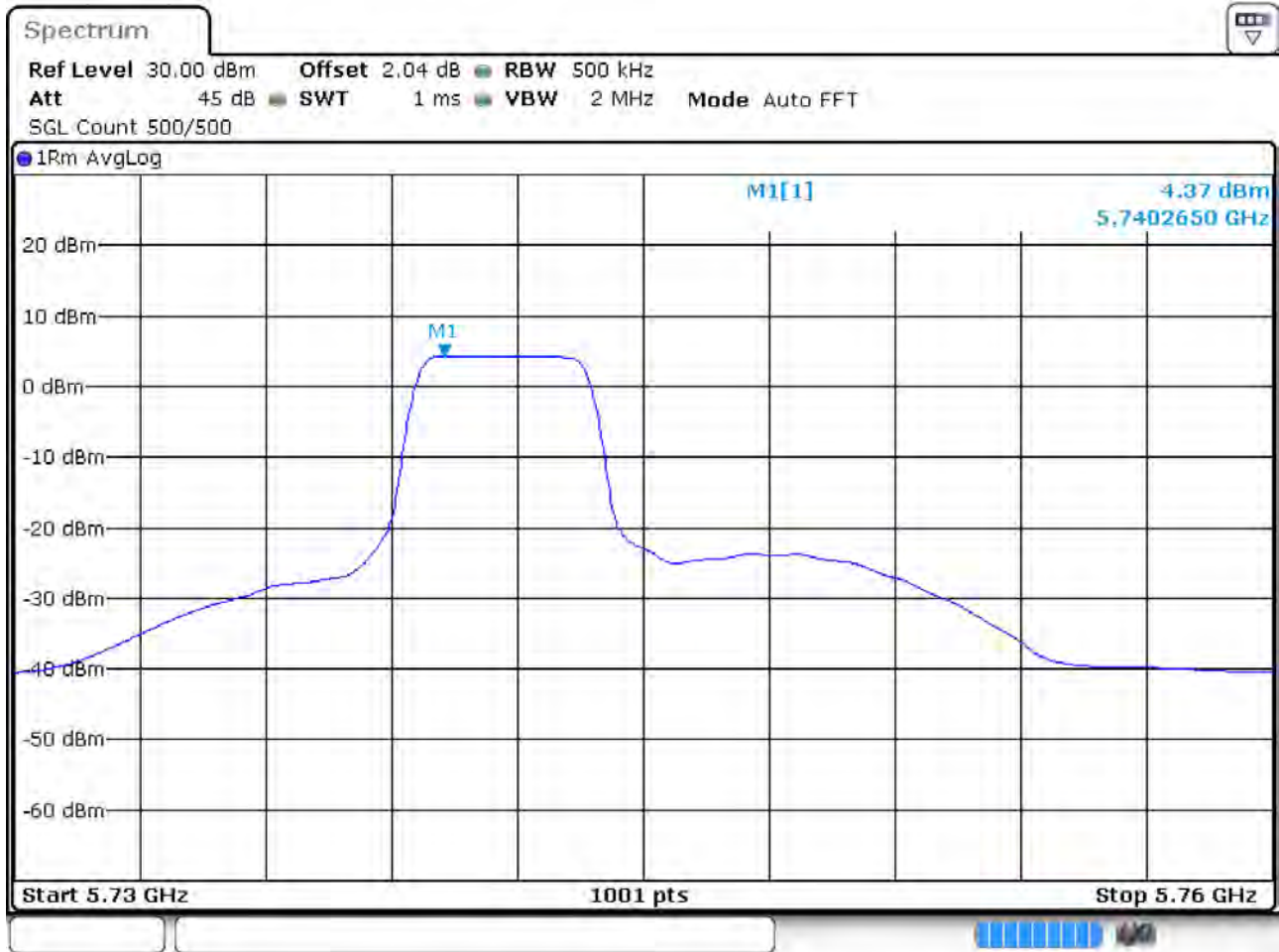
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4.8.2.123 11AX20MIMO_52T_149 ANT 2



Date: 28 APR 2020 05:09:49



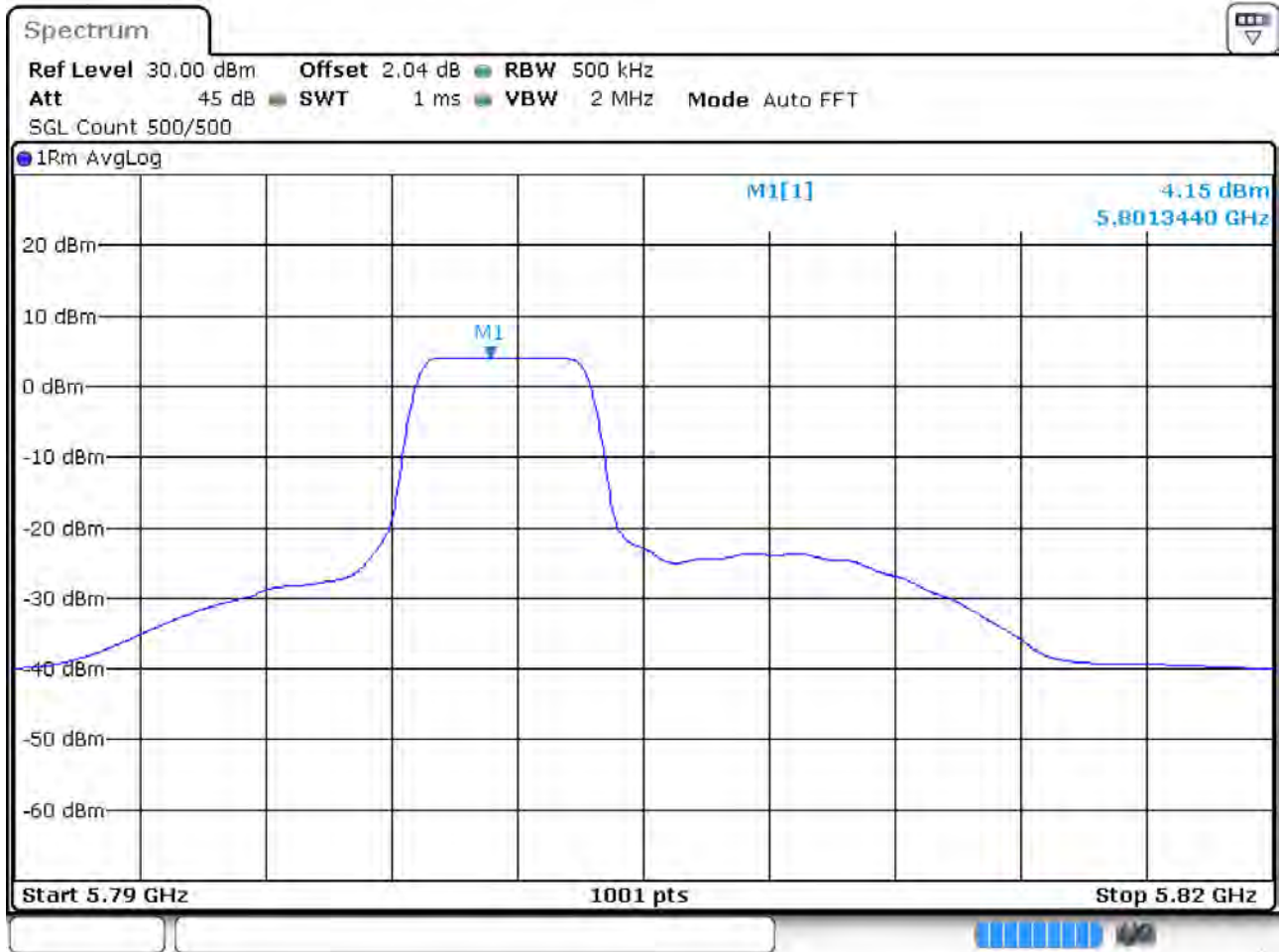
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4.8.2.124 11AX20MIMO_52T_161 ANT 1



Date: 28.APR.2020 05:06:03



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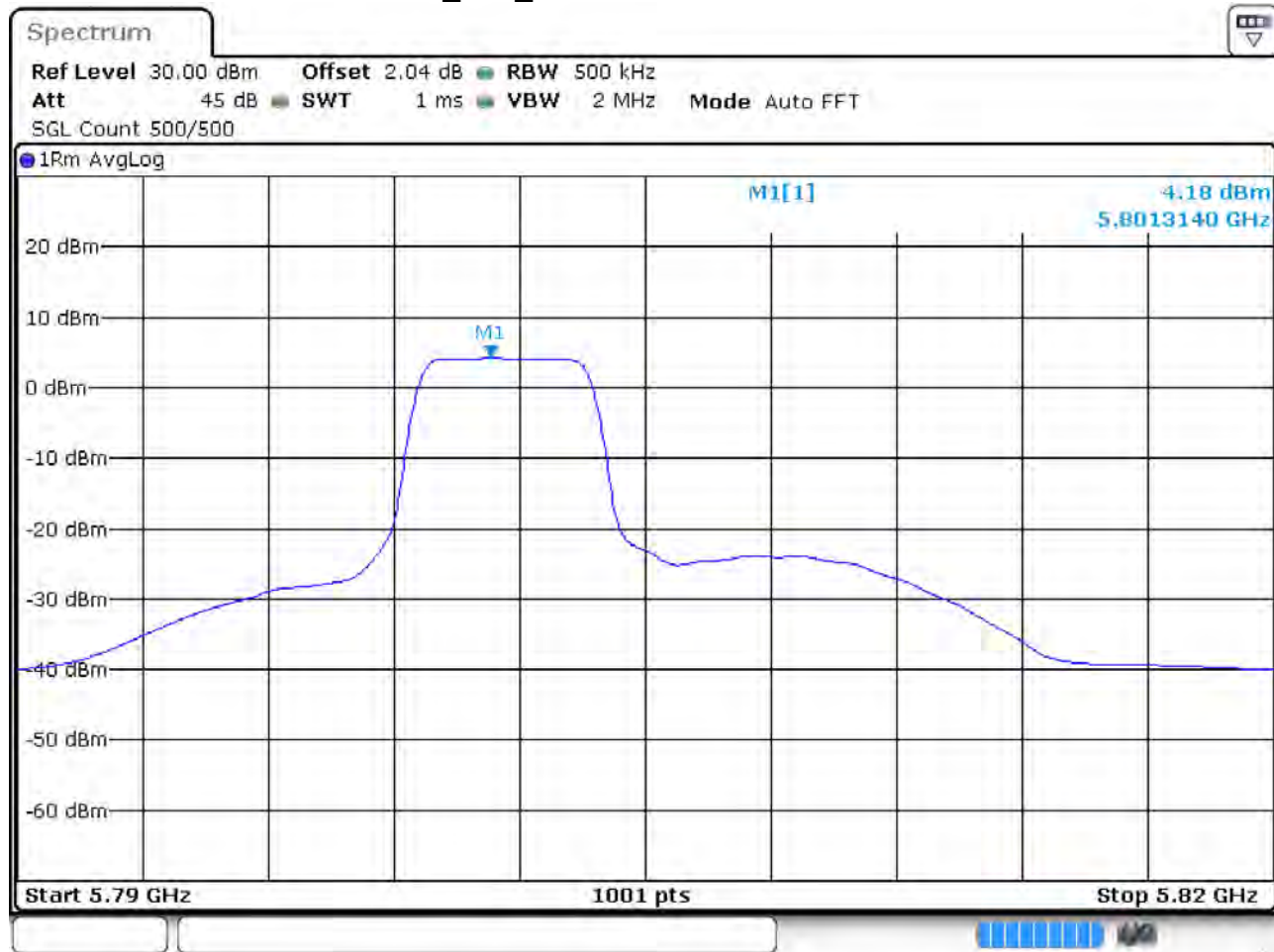
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4.8.2.125

11AX20MIMO_52T_161 ANT 2



Date: 28 APR 2020 05:07:57



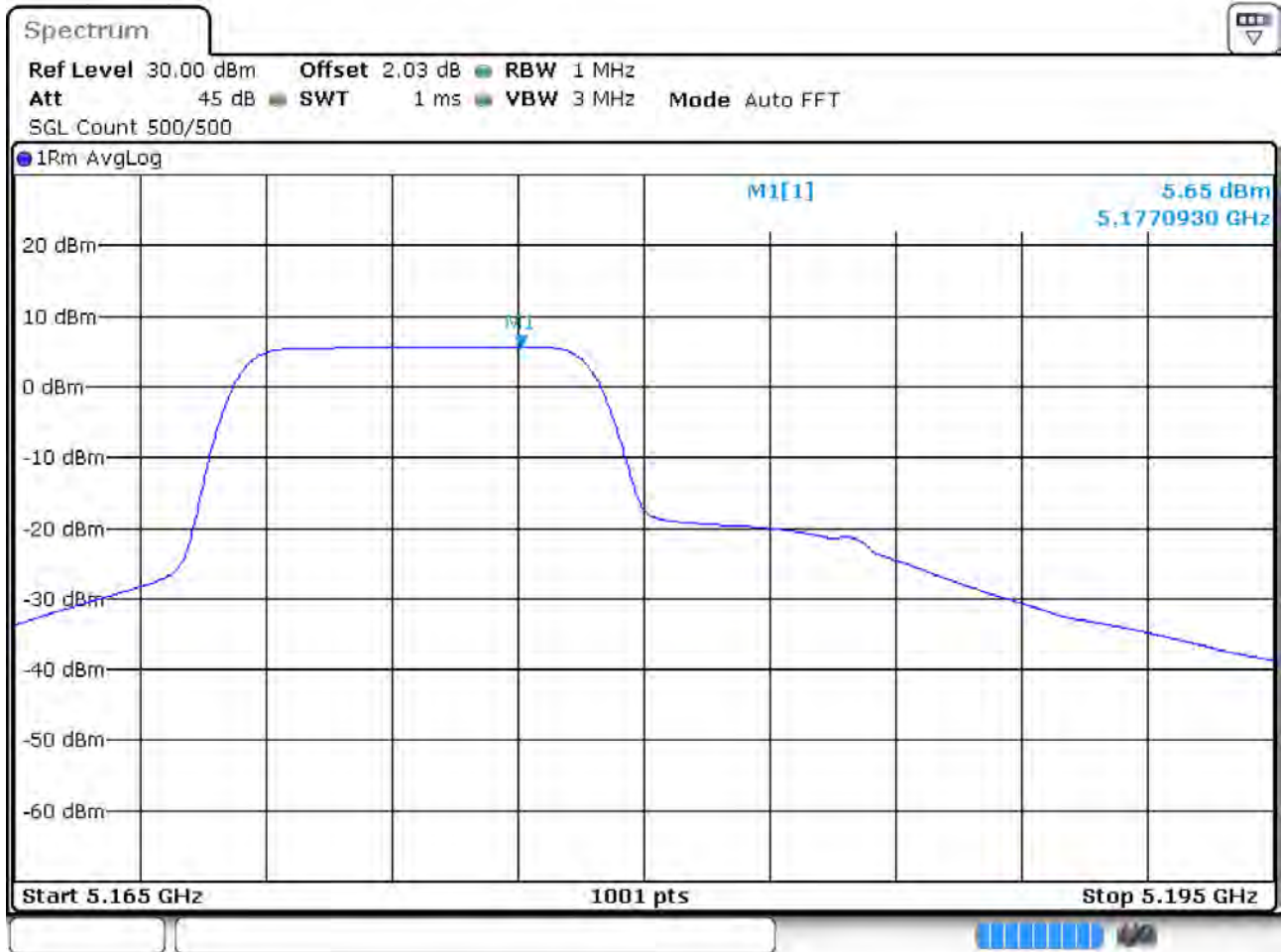
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4.8.2.126 11AX20MIMO_106T_36 ANT 1



Date: 11.APR.2020 09:10:01



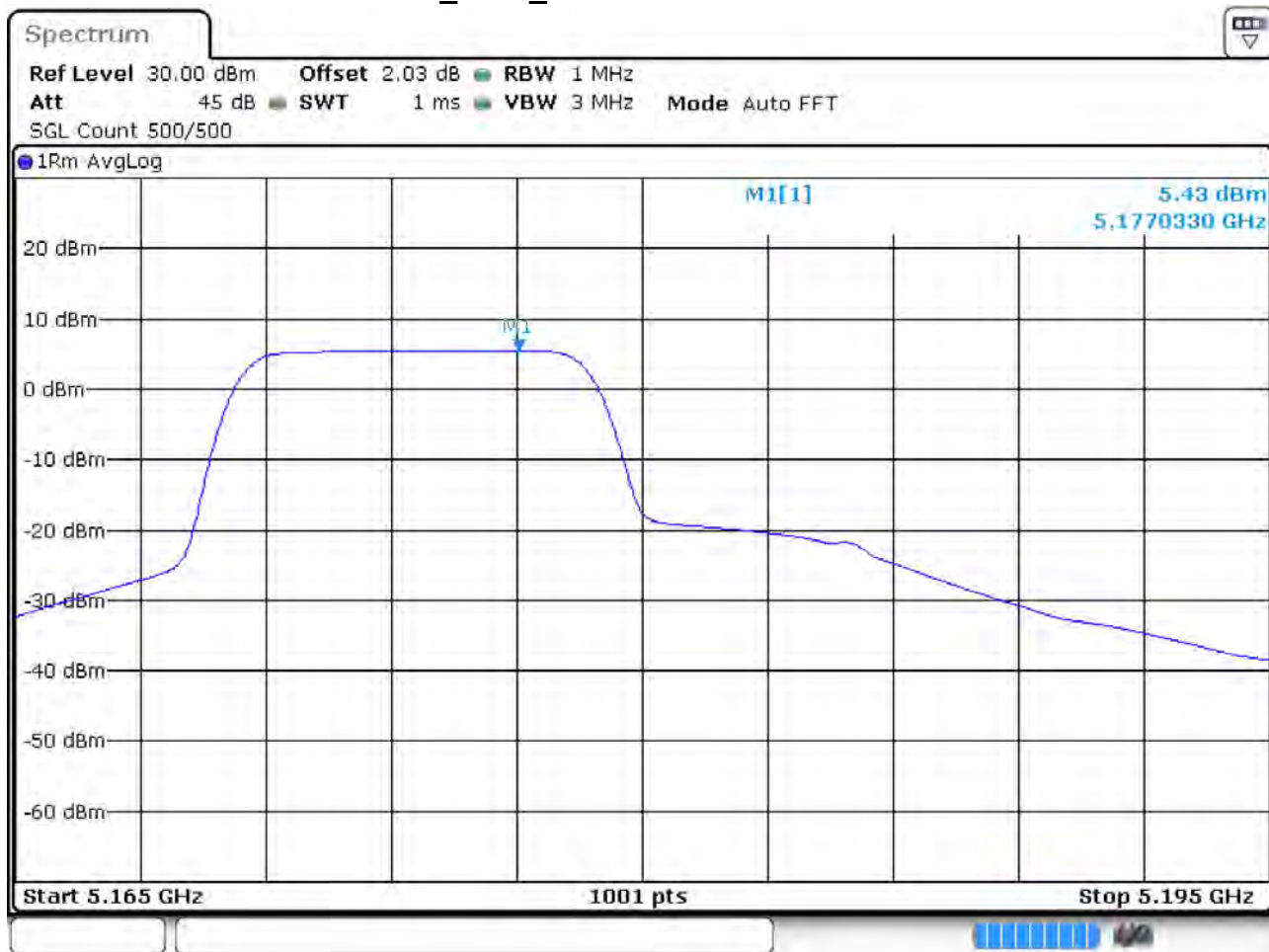
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4.8.2.127 11AX20MIMO_106T_36 ANT 2



Date: 11 APR 2020 09:31:53



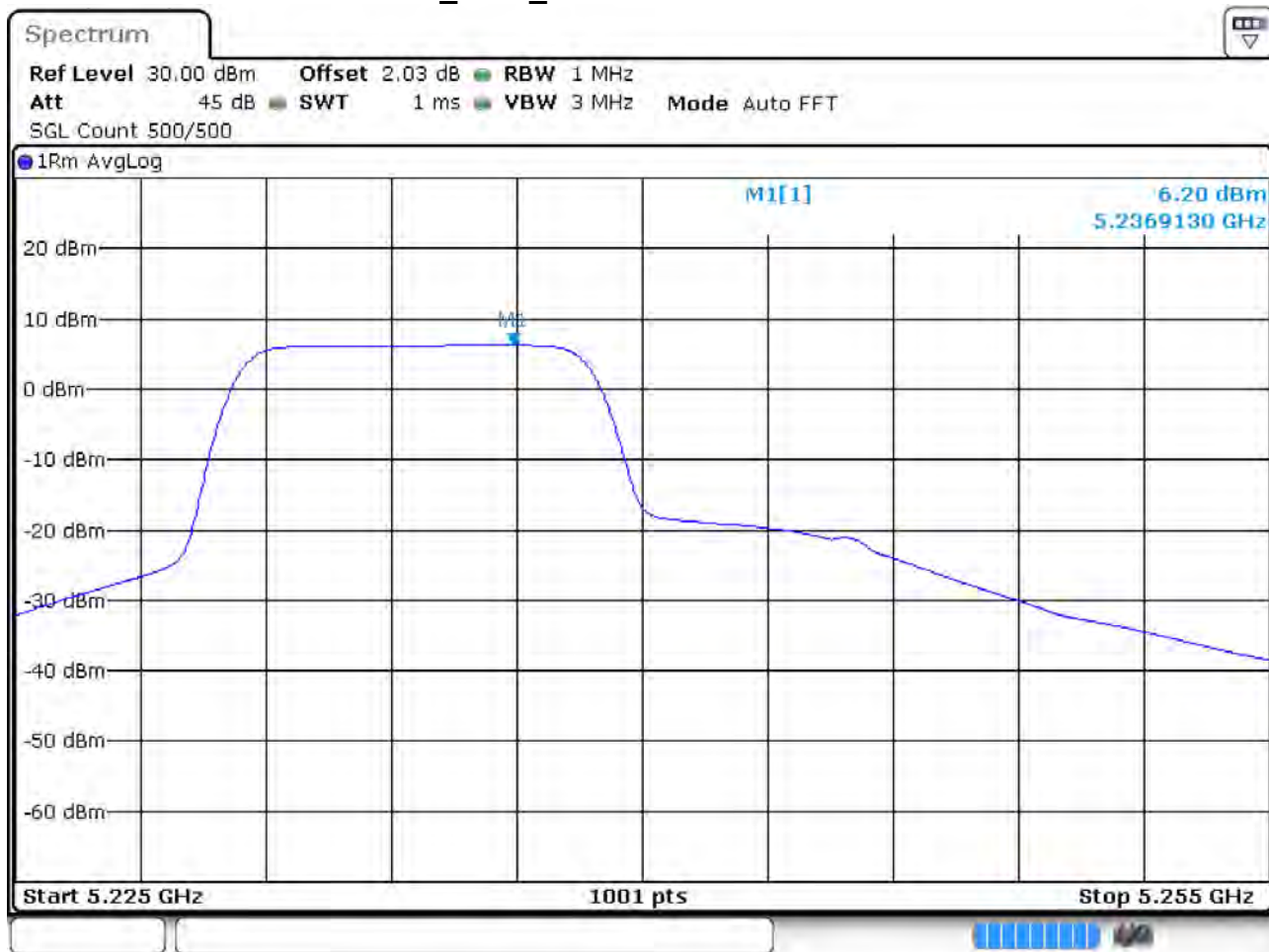
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4.8.2.128 11AX20MIMO_106T_48 ANT 1



Date: 11.APR.2020 09:13:11



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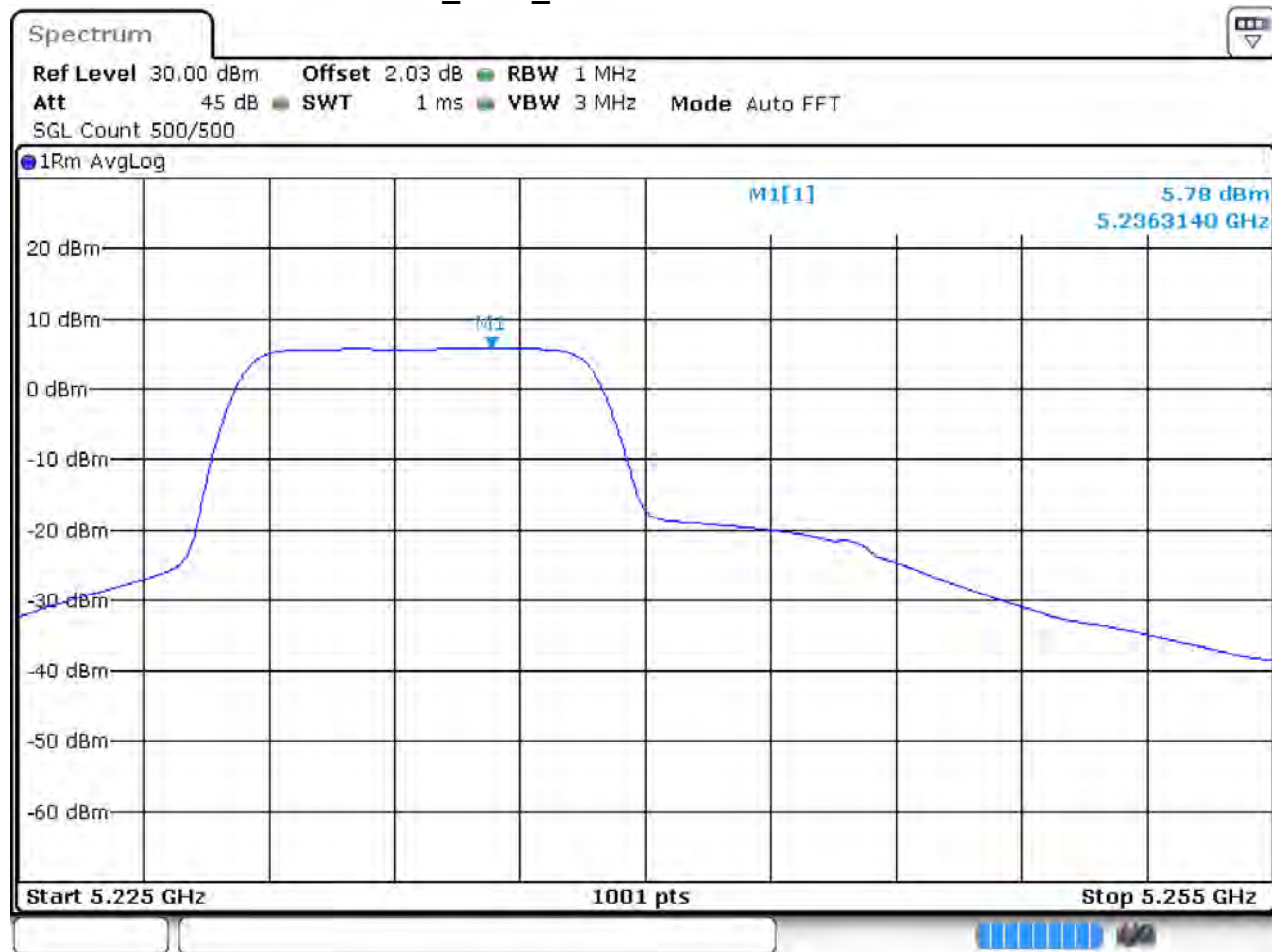
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4.8.2.129

11AX20MIMO_106T_48 ANT 2



Date: 11.APR.2020 09:34:46



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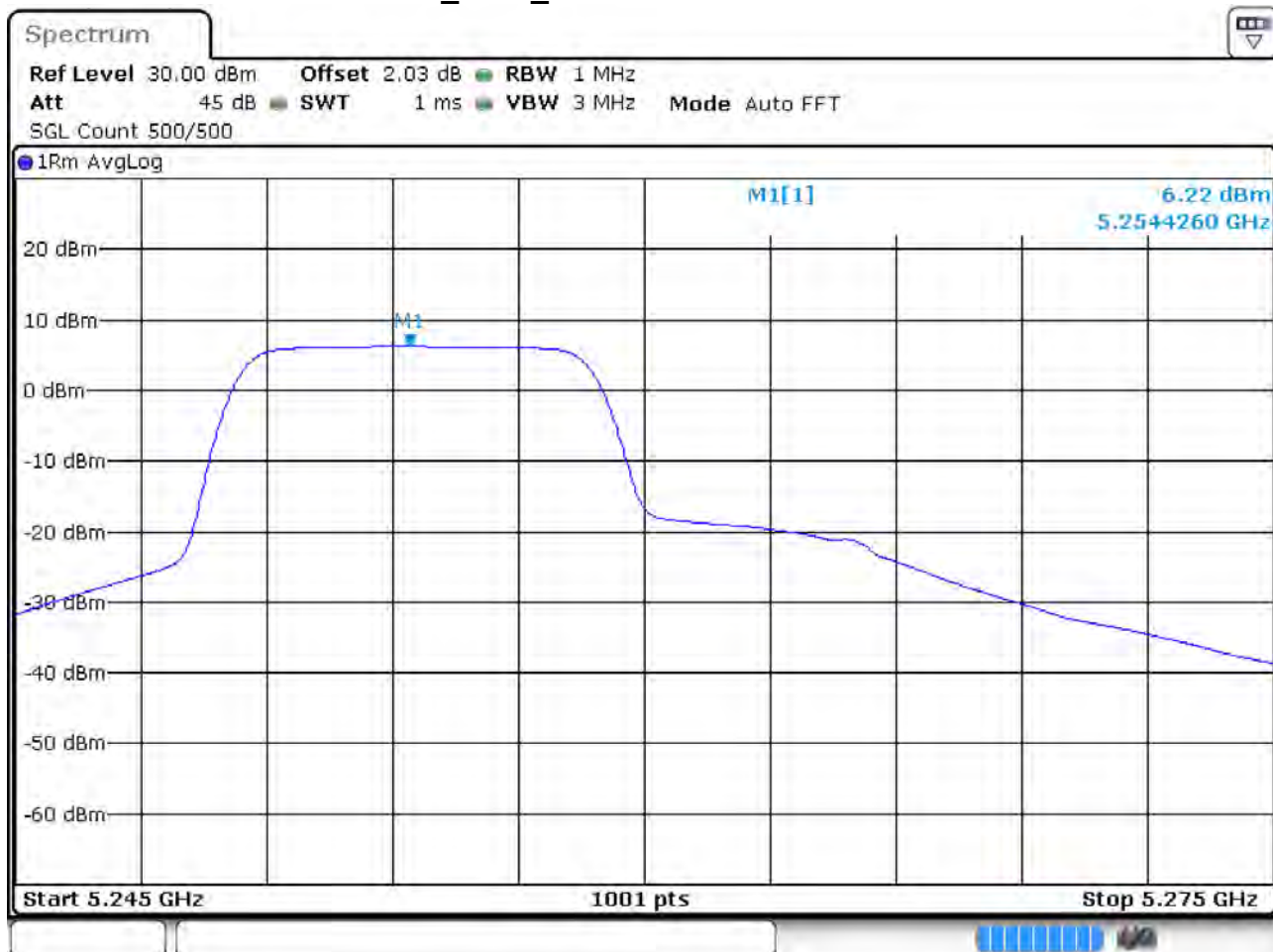
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4.8.2.130

11AX20MIMO_106T_52 ANT 1



Date: 11.APR.2020 09:15:22



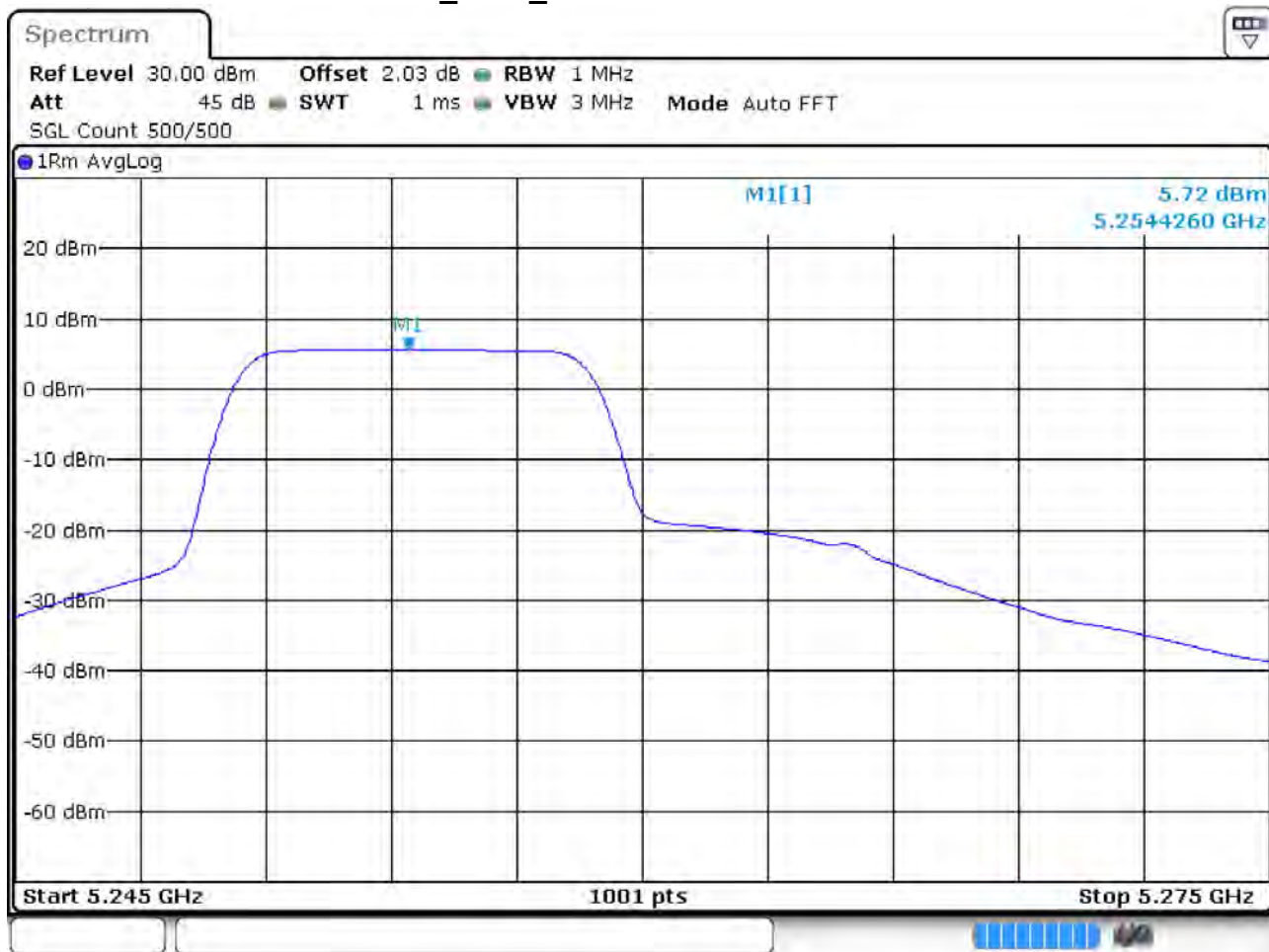
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4.8.2.131 11AX20MIMO_106T_52 ANT 2



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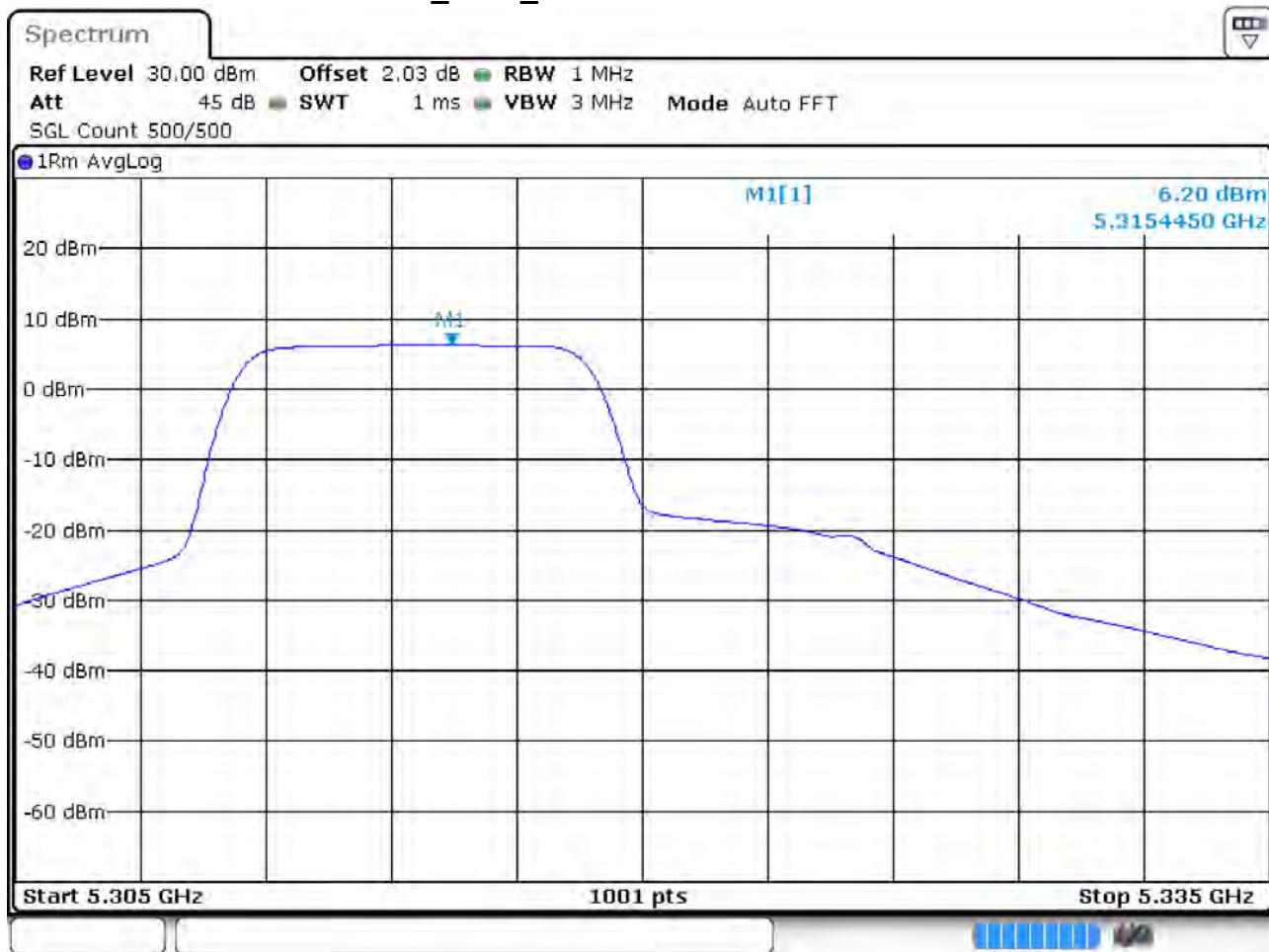
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4.8.2.132 11AX20MIMO_106T_64 ANT 1



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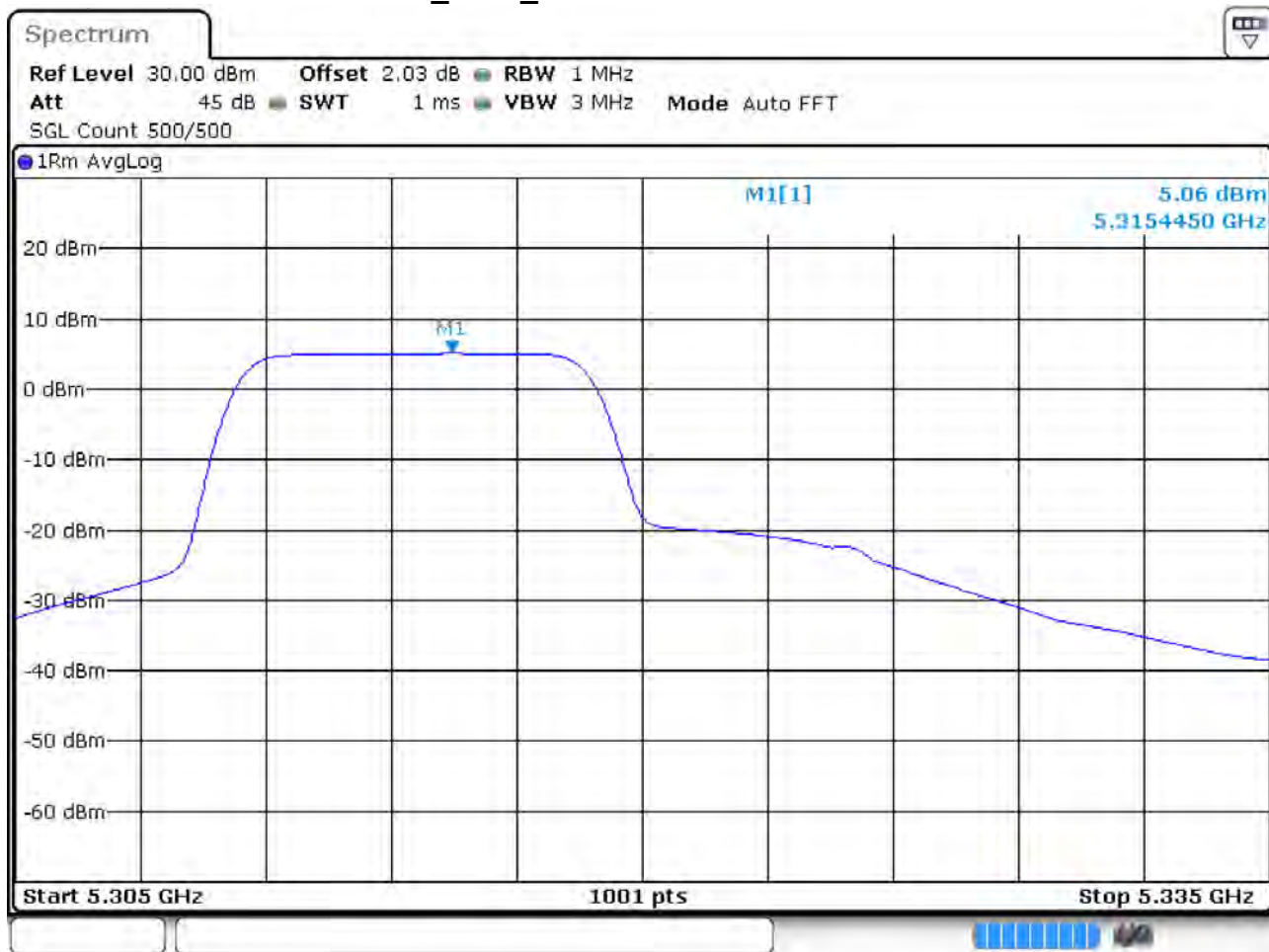
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4.8.2.133 11AX20MIMO_106T_64 ANT 2



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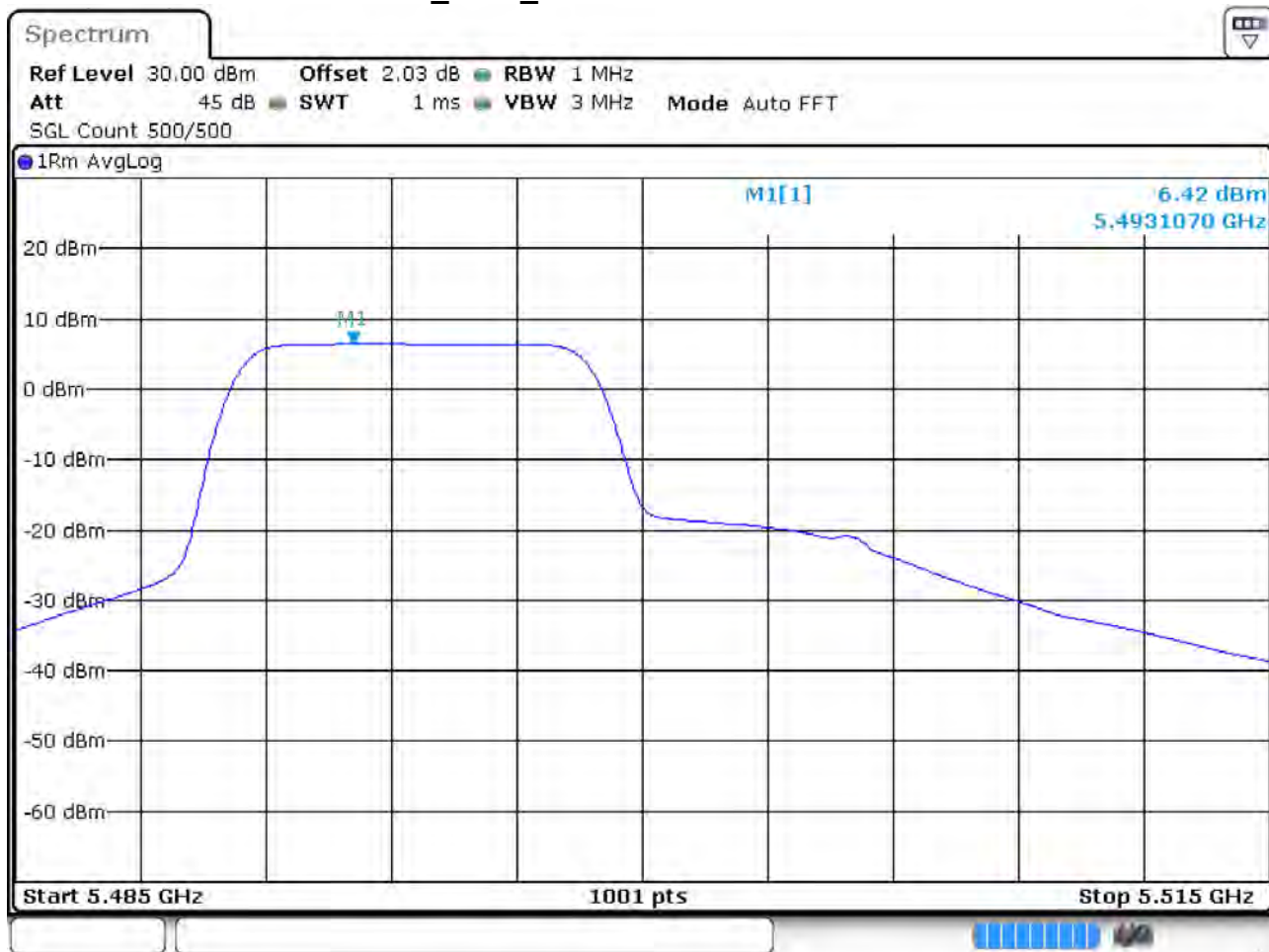
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4.8.2.134 11AX20MIMO_106T_100 ANT 1



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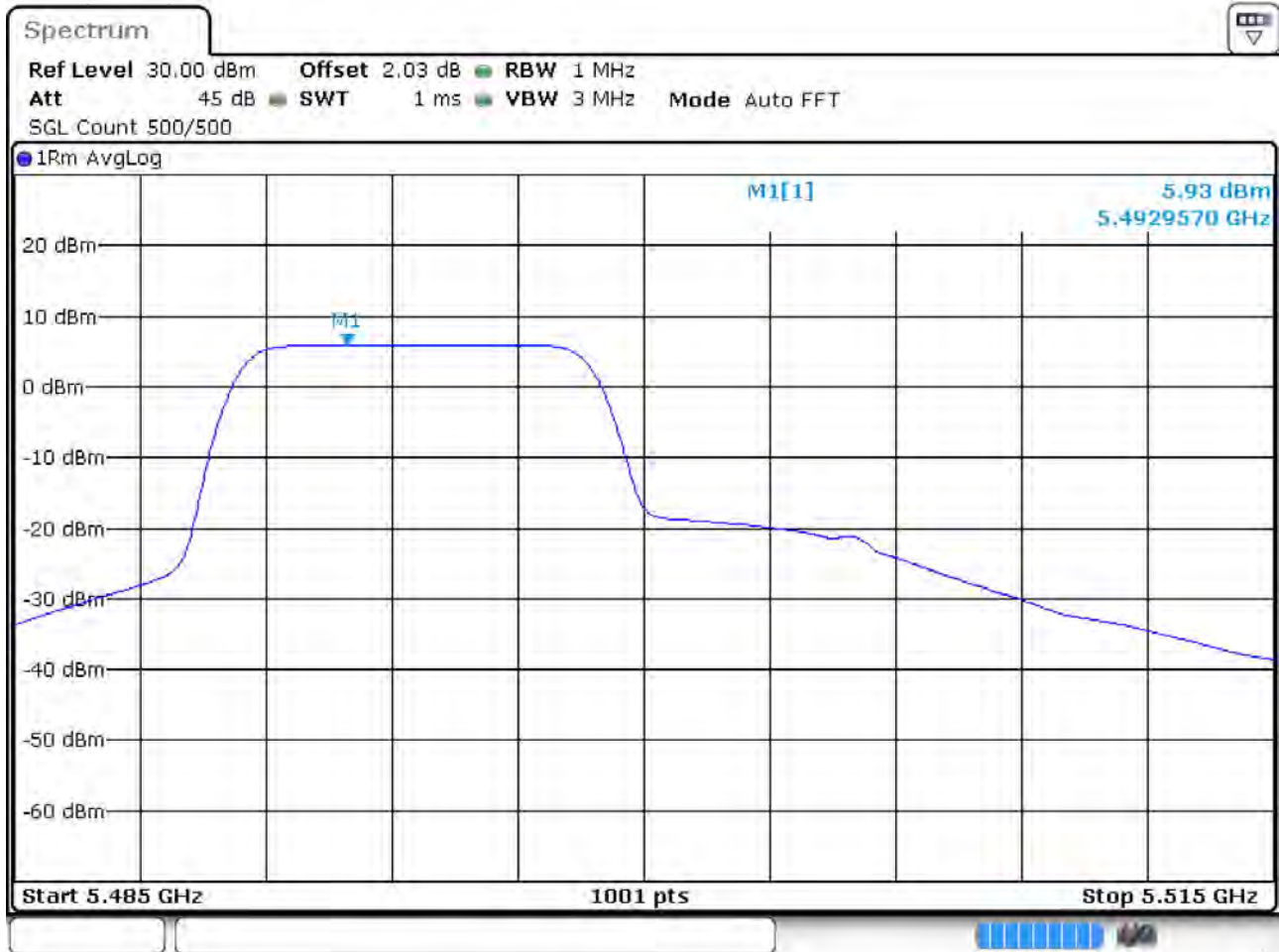
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4.8.2.135 11AX20MIMO_106T_100 ANT 2



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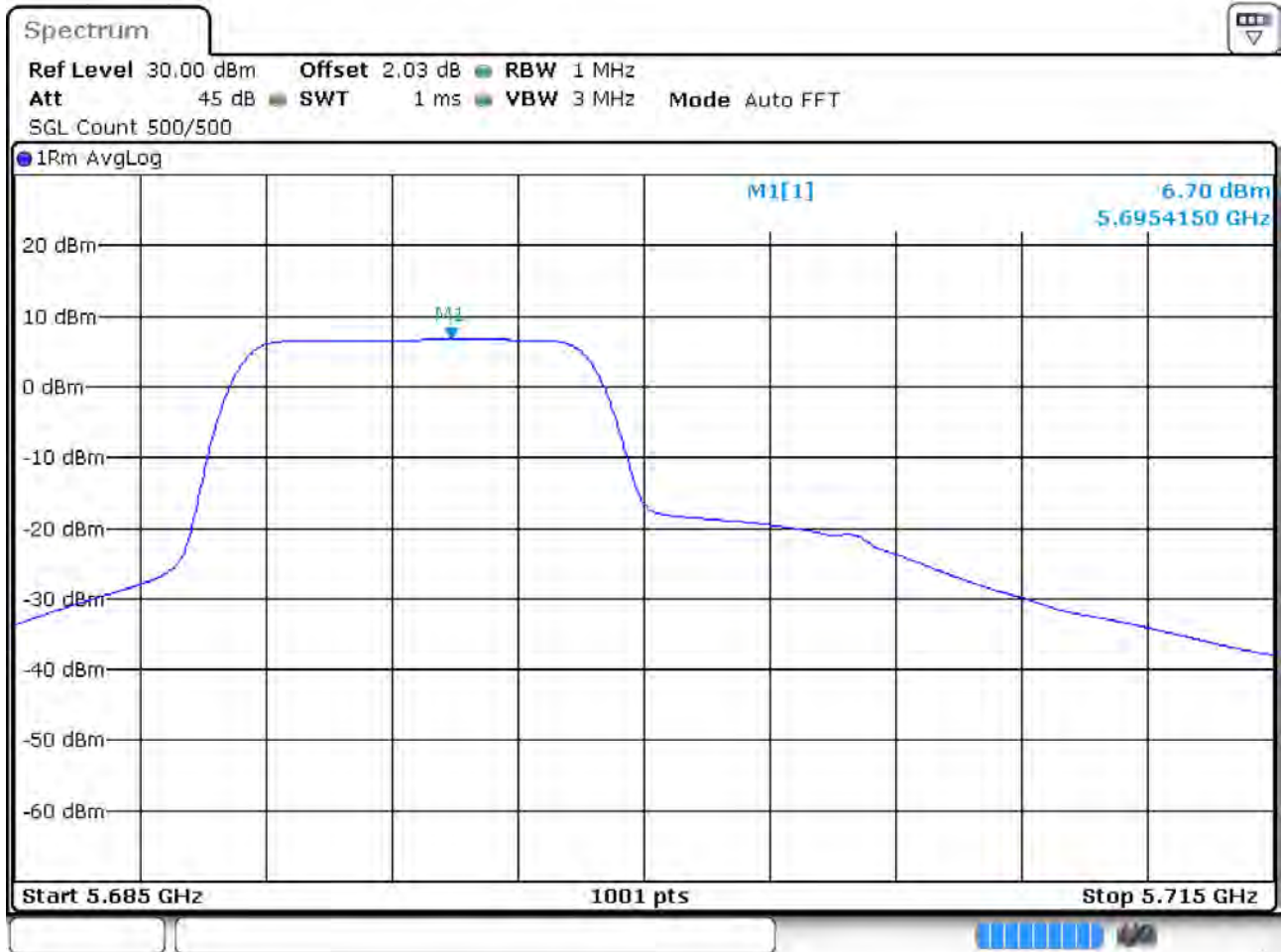
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4.8.2.136 11AX20MIMO_106T_140 ANT 1



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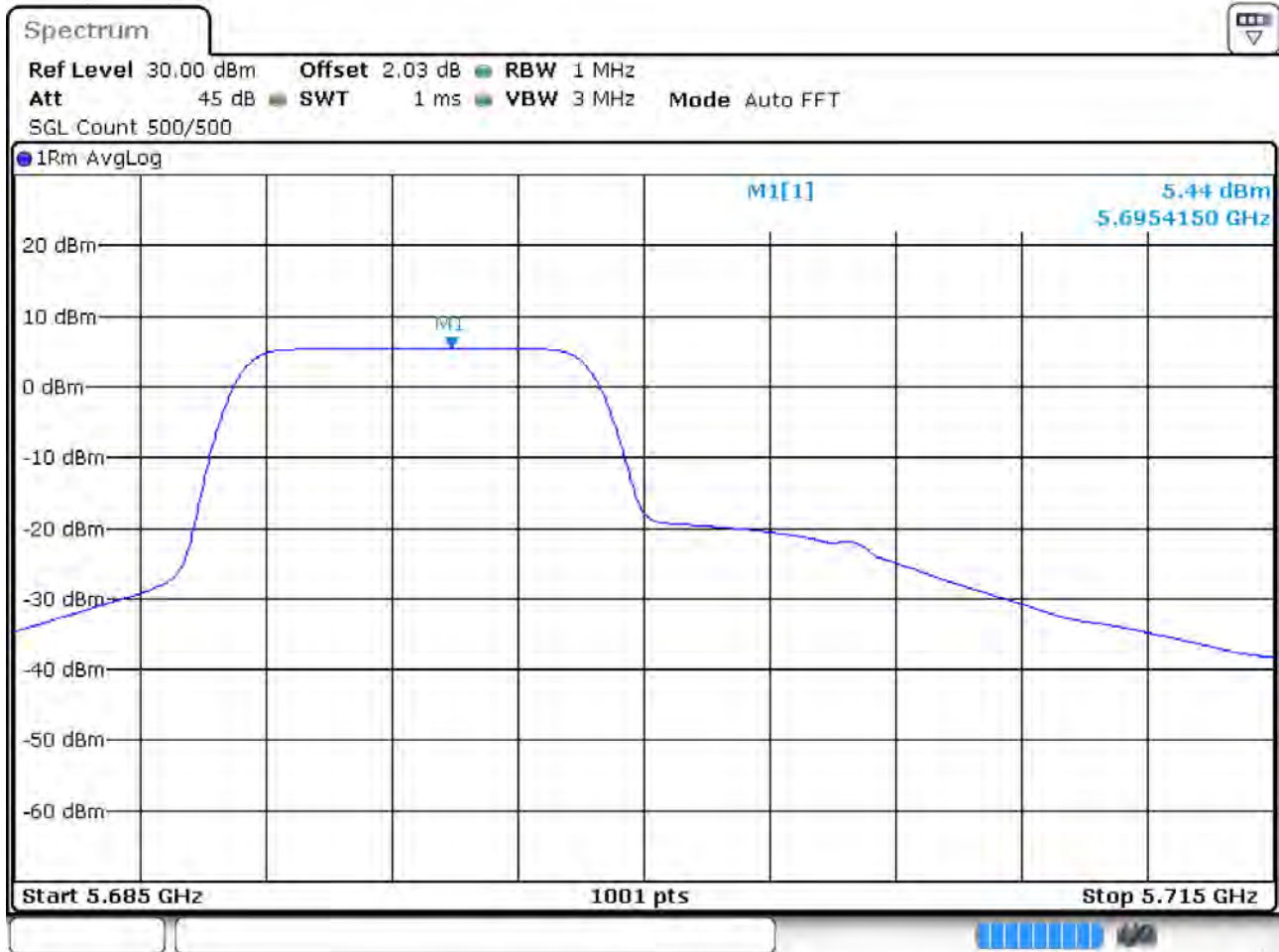
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4.8.2.137 11AX20MIMO_106T_140 ANT 2



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4.8.2.138 11AX20MIMO_106T_149 ANT 1



Date: 11 APR 2020 09:25:45



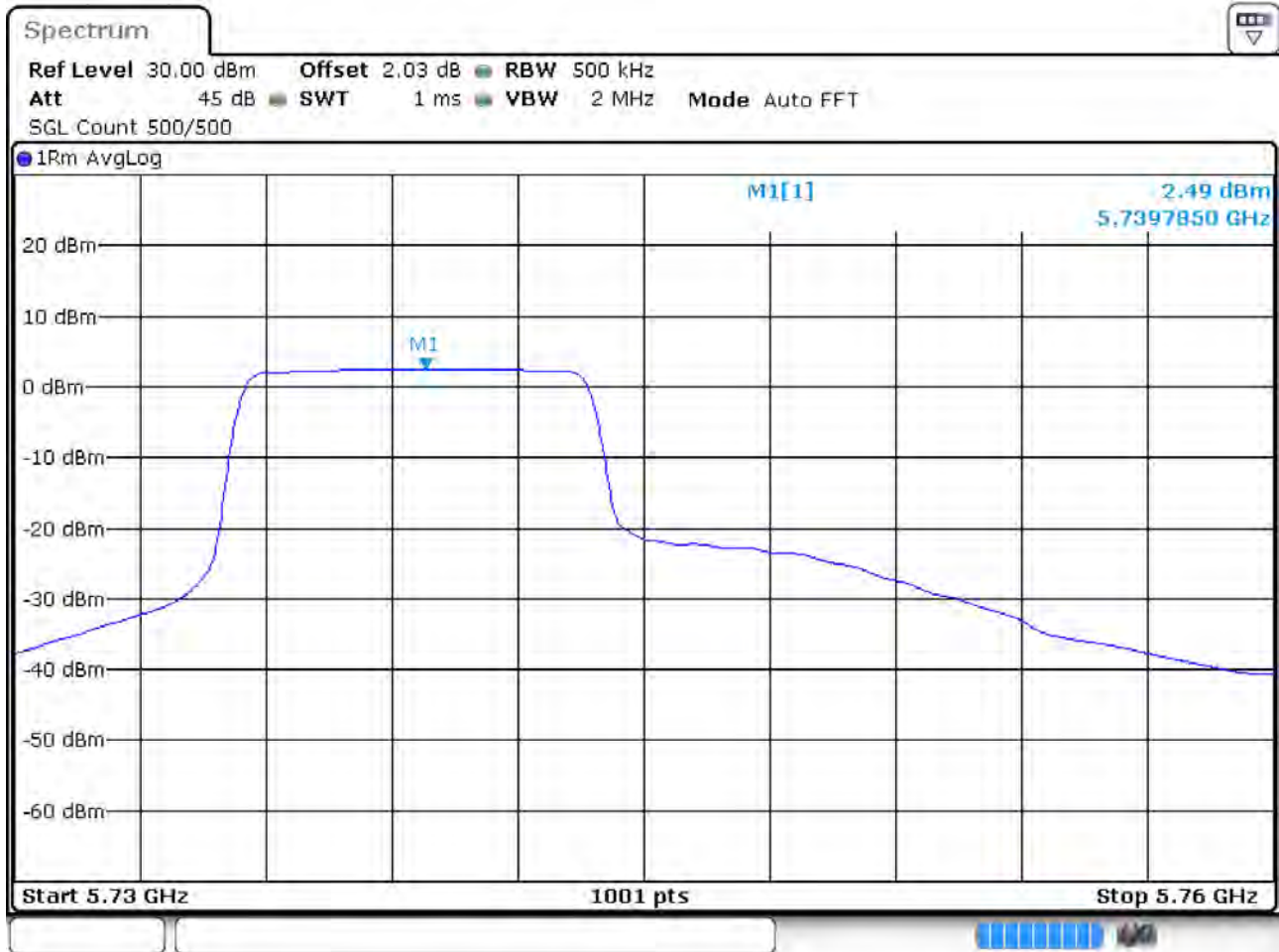
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4.8.2.139 11AX20MIMO_106T_149 ANT 2



Date: 11 APR 2020 10:37:12



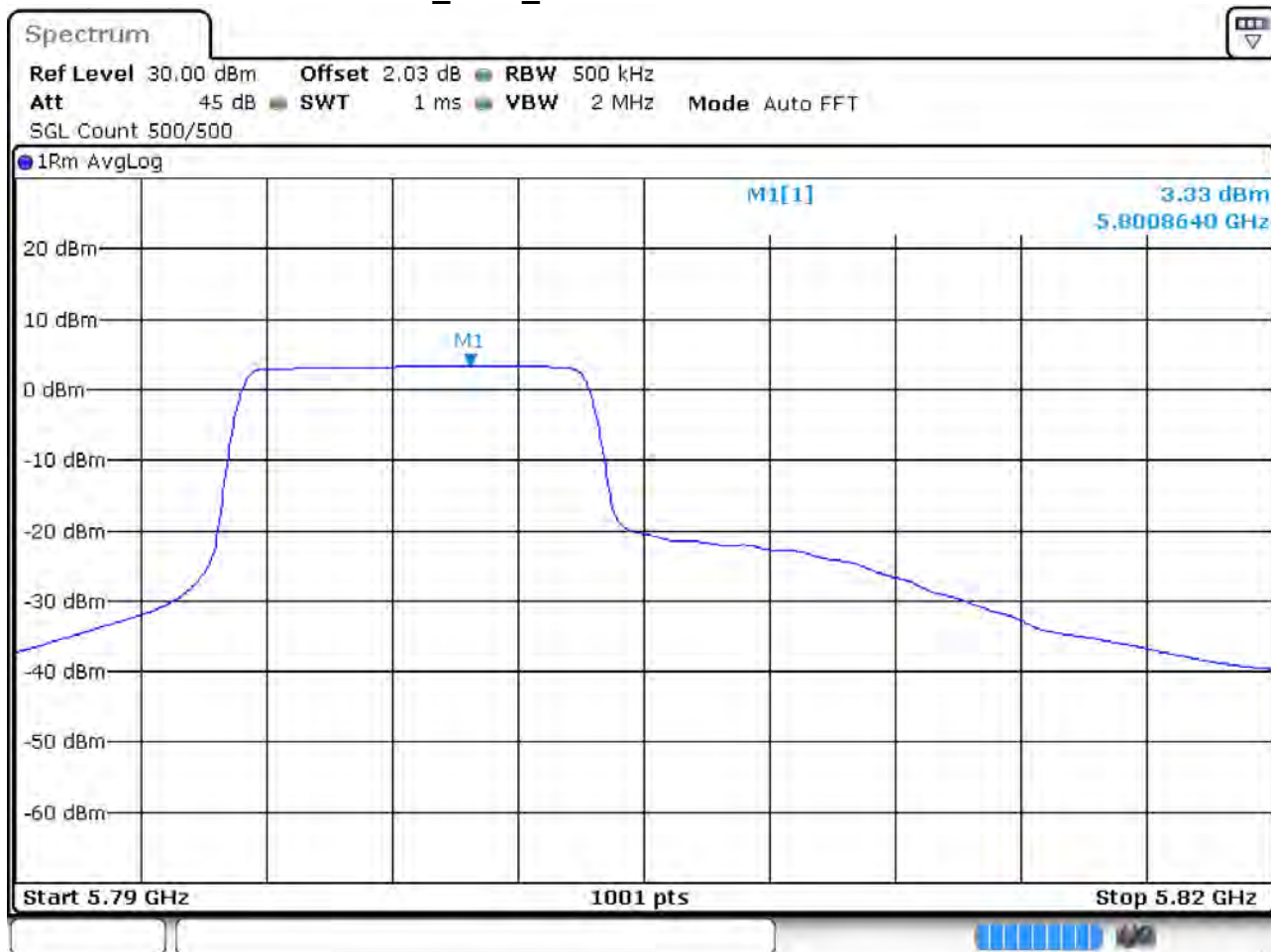
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4.8.2.140 11AX20MIMO_106T_161 ANT 1



Date: 26 APR 2020 08:57:23



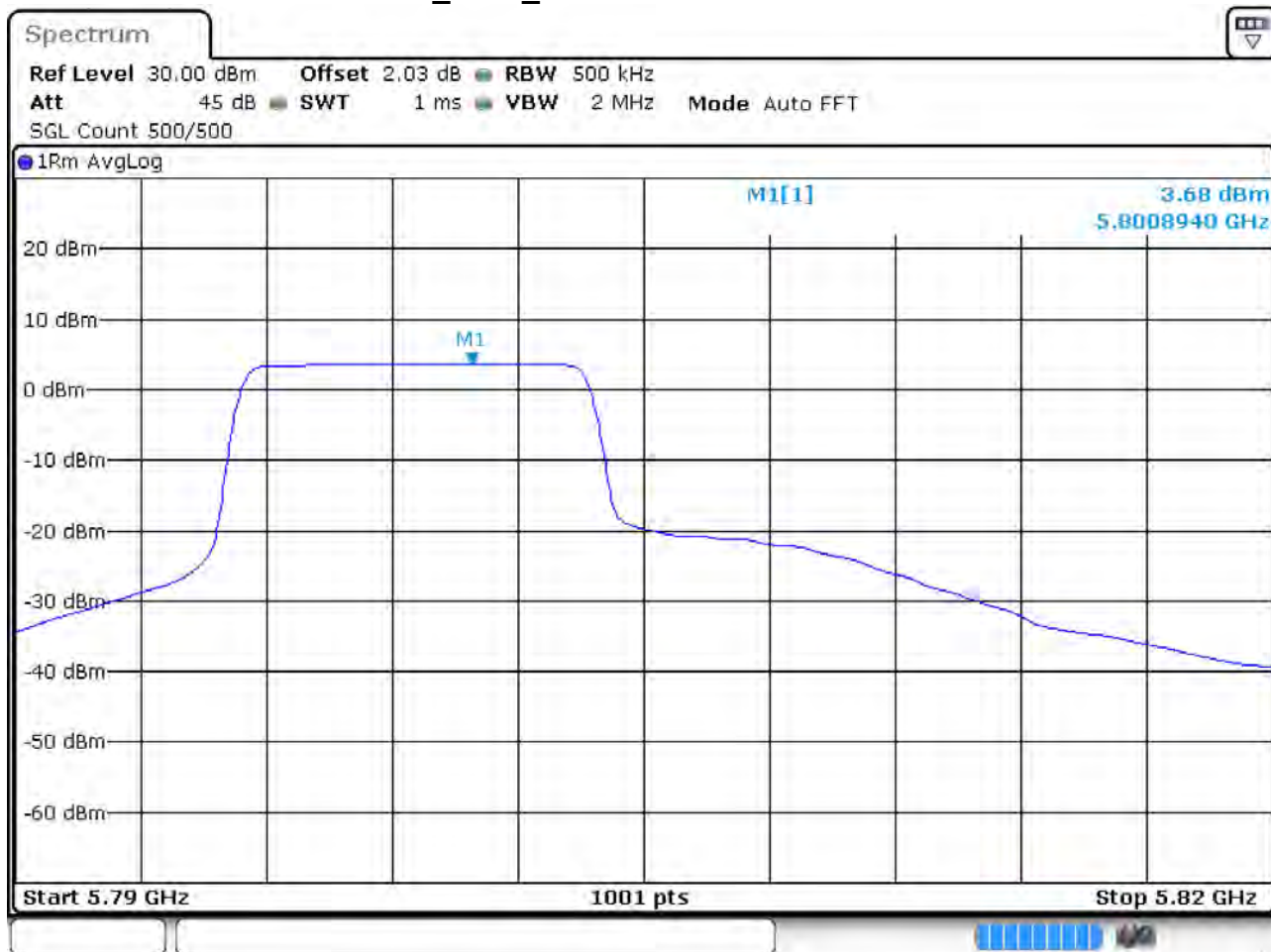
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4.8.2.141 11AX20MIMO_106T_161 ANT 2



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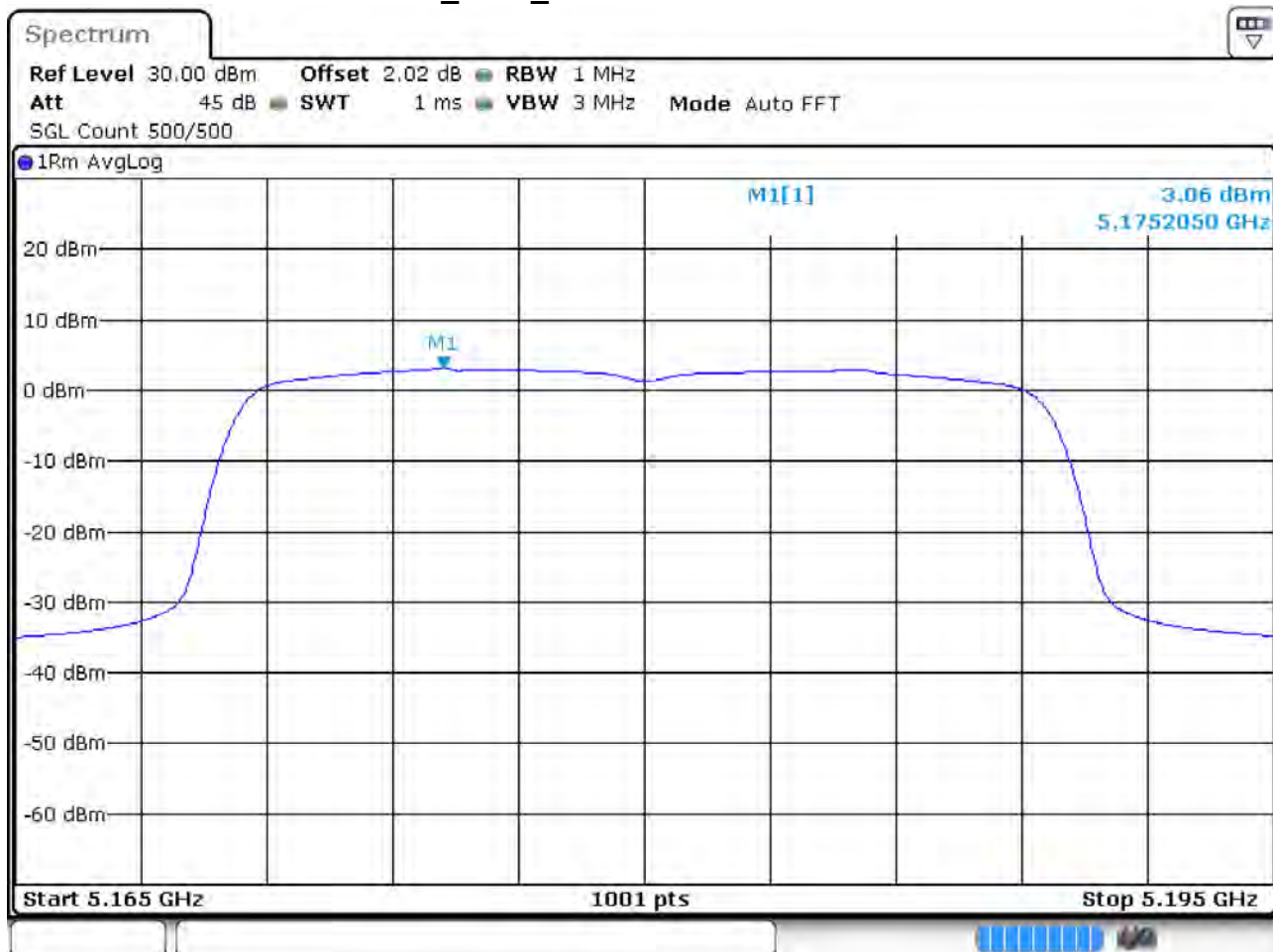
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4.8.2.142

11AX20MIMO_242T_36 ANT 1



Date: 14.APR.2020 04:16:46



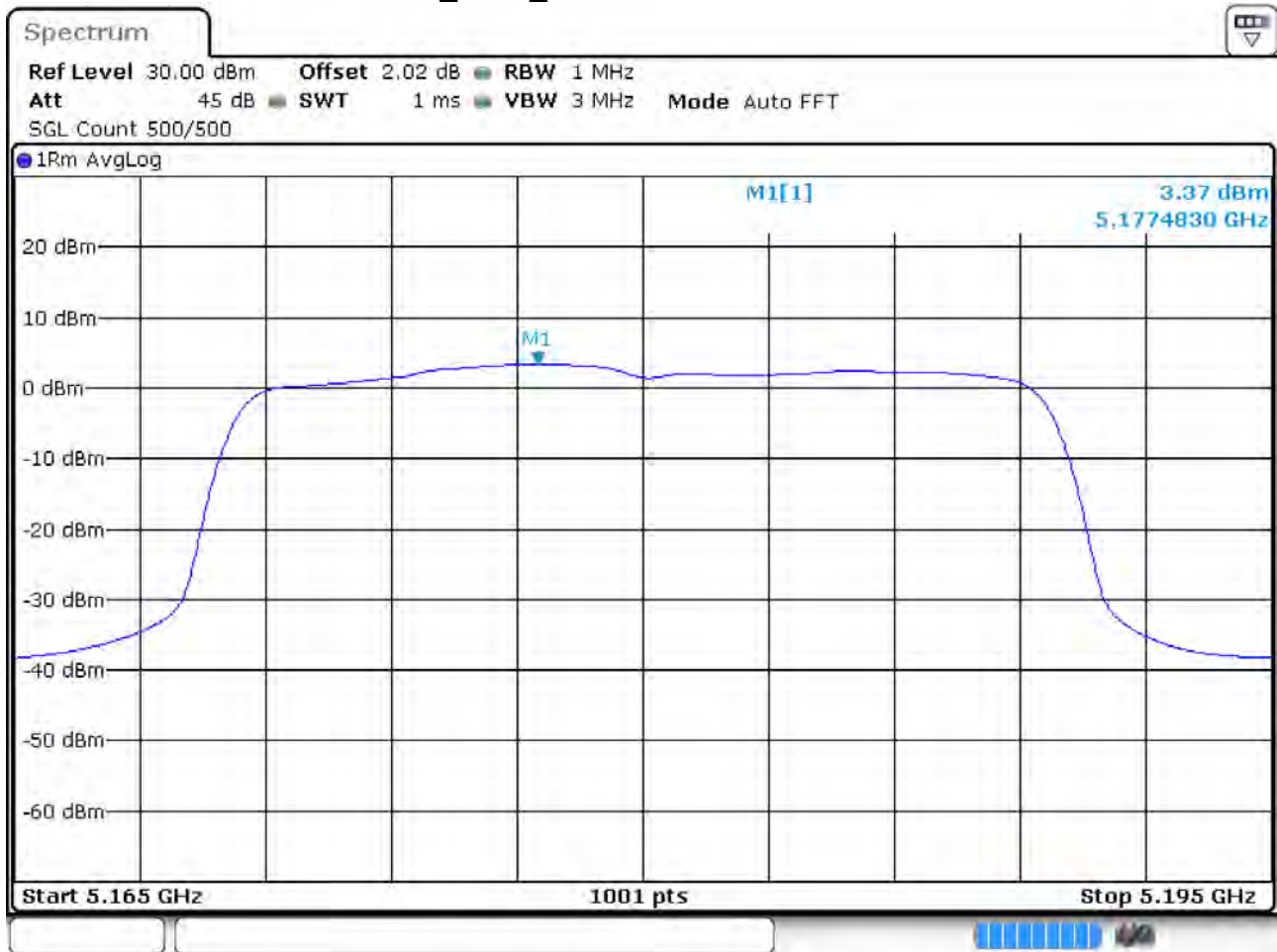
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4.8.2.143 11AX20MIMO_242T_36 ANT 2



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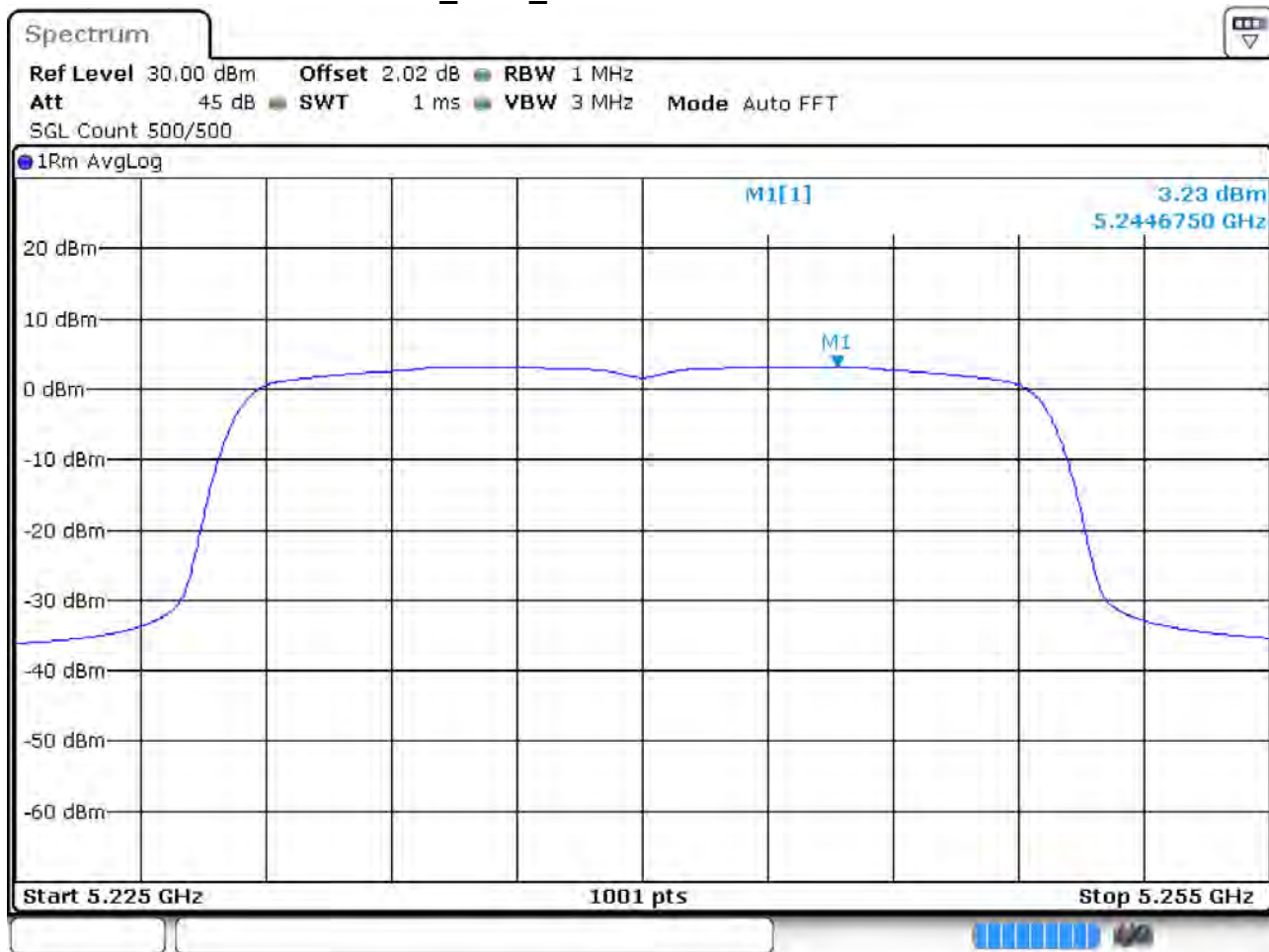
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4.8.2.144 11AX20MIMO_242T_48 ANT 1



Date: 14.APR.2020 04:19:41



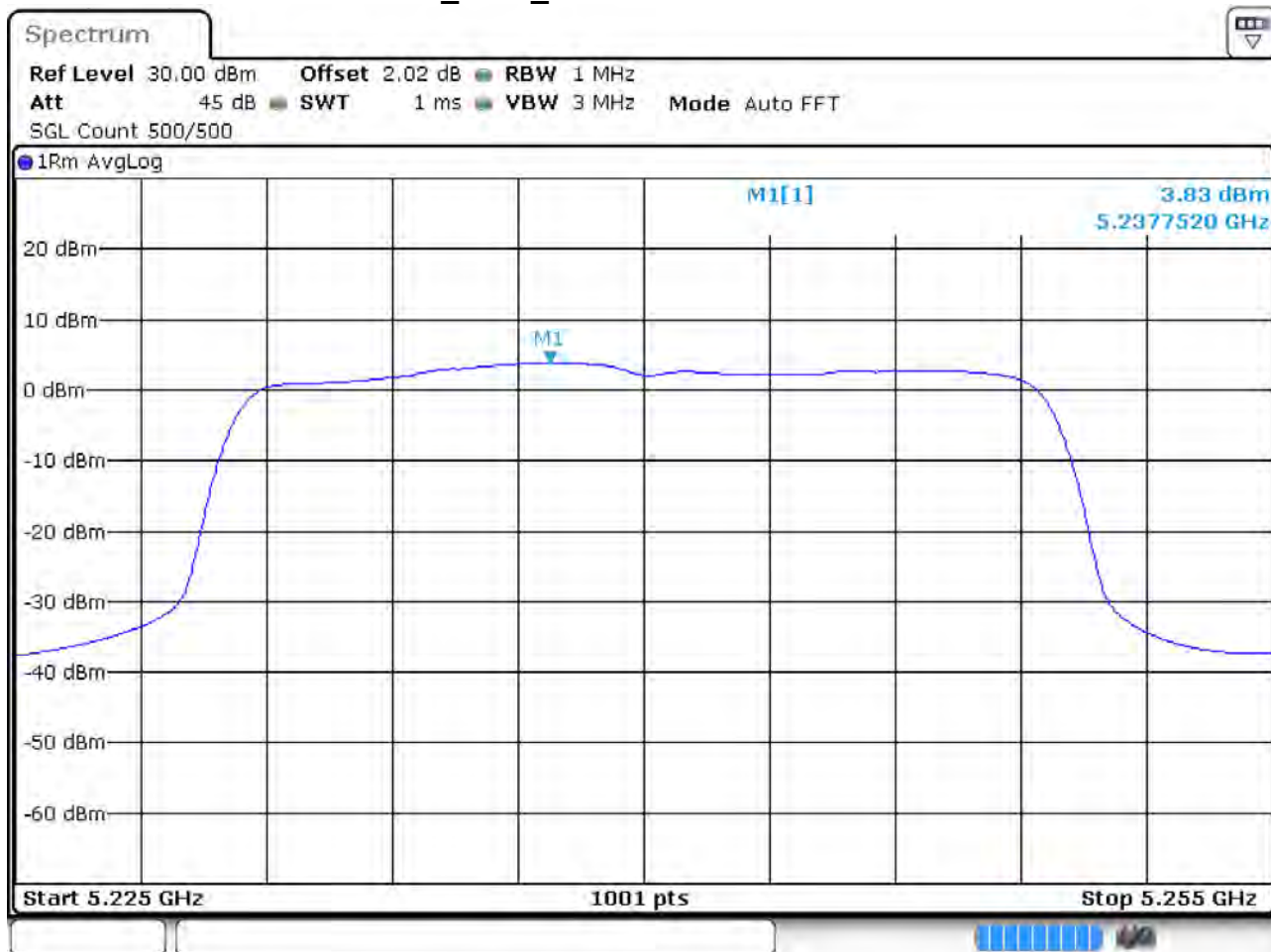
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4.8.2.145 11AX20MIMO_242T_48 ANT 2



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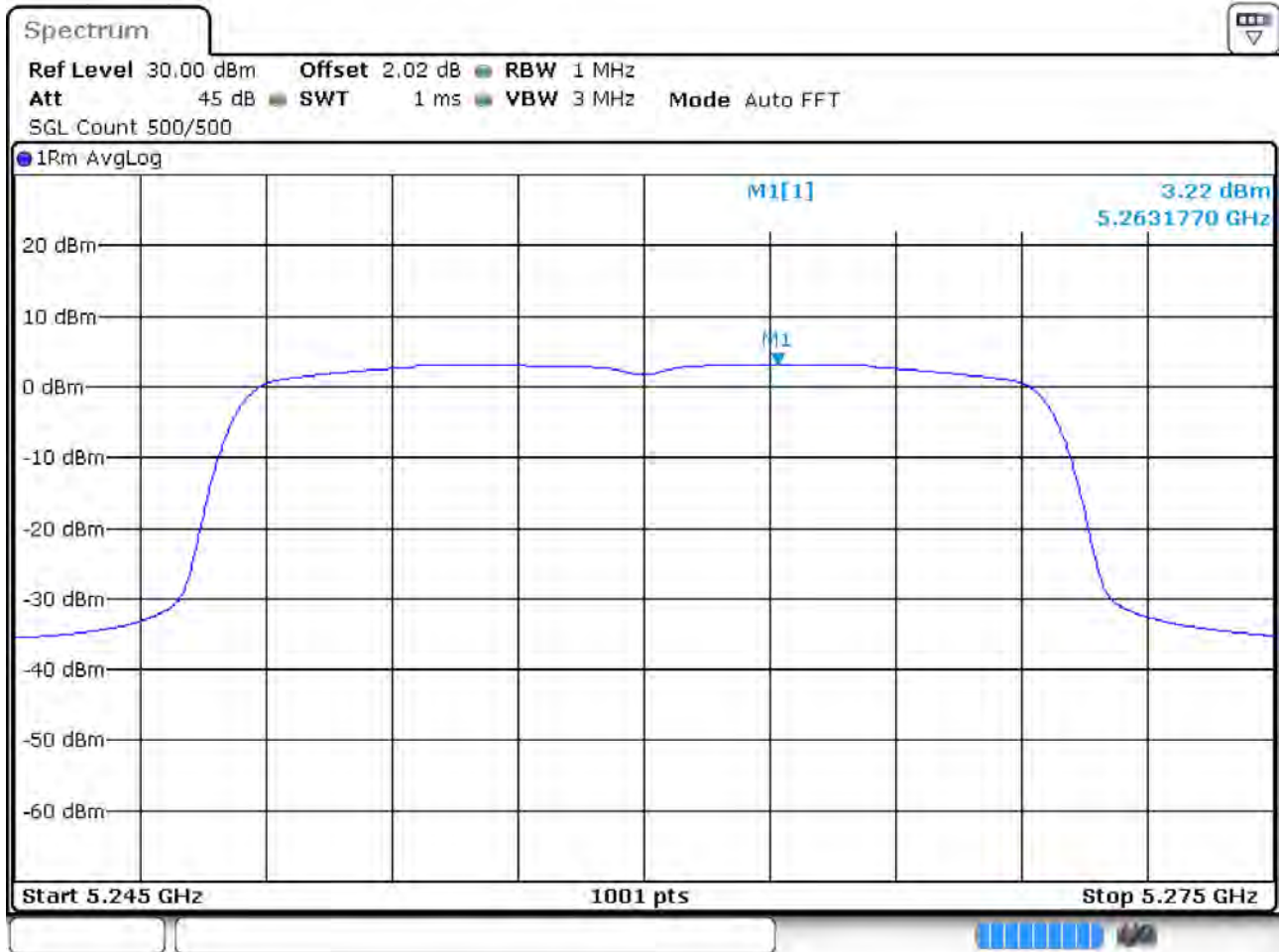
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4.8.2.146 11AX20MIMO_242T_52 ANT 1



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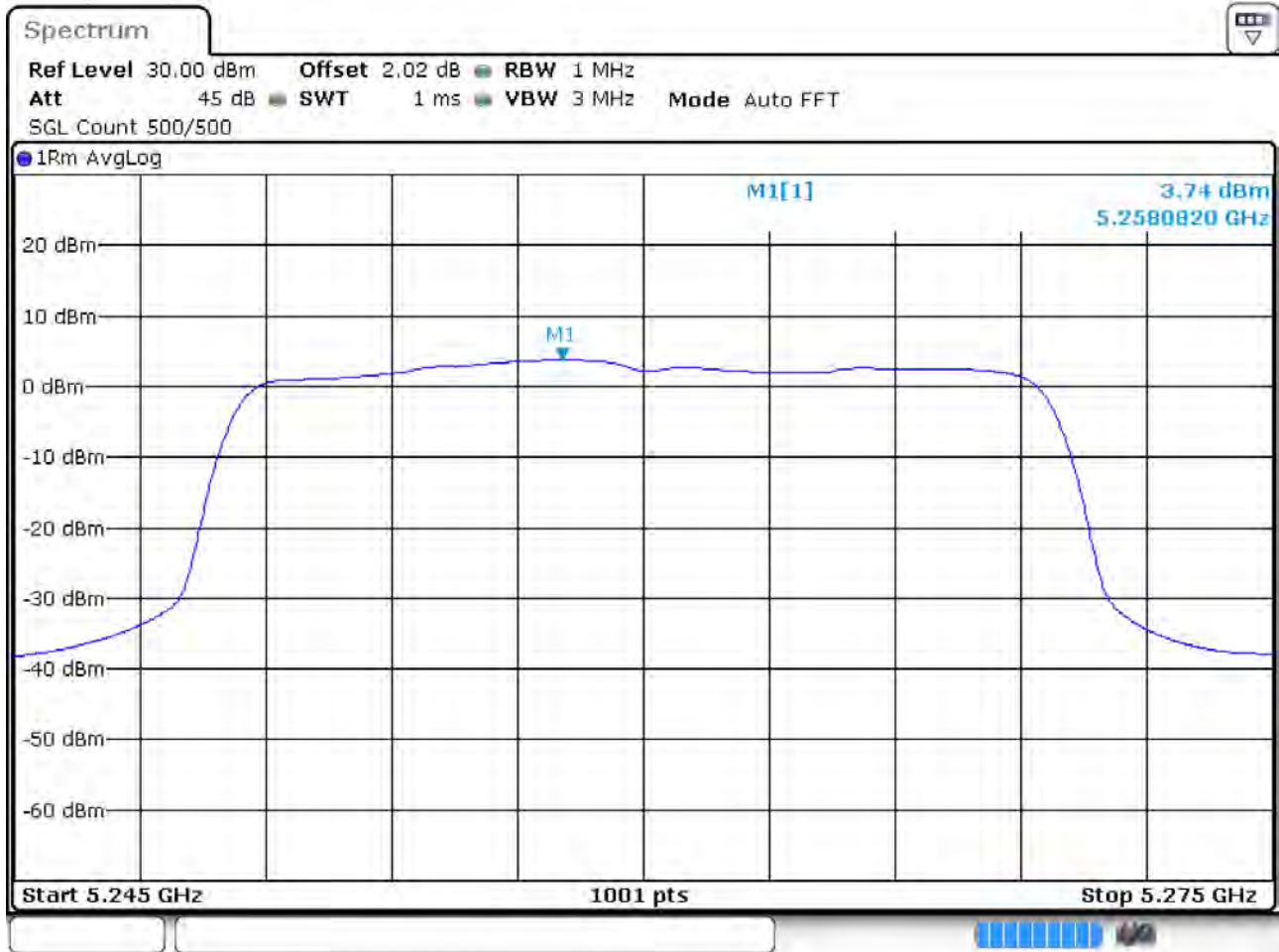
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4.8.2.147 11AX20MIMO_242T_52 ANT 2



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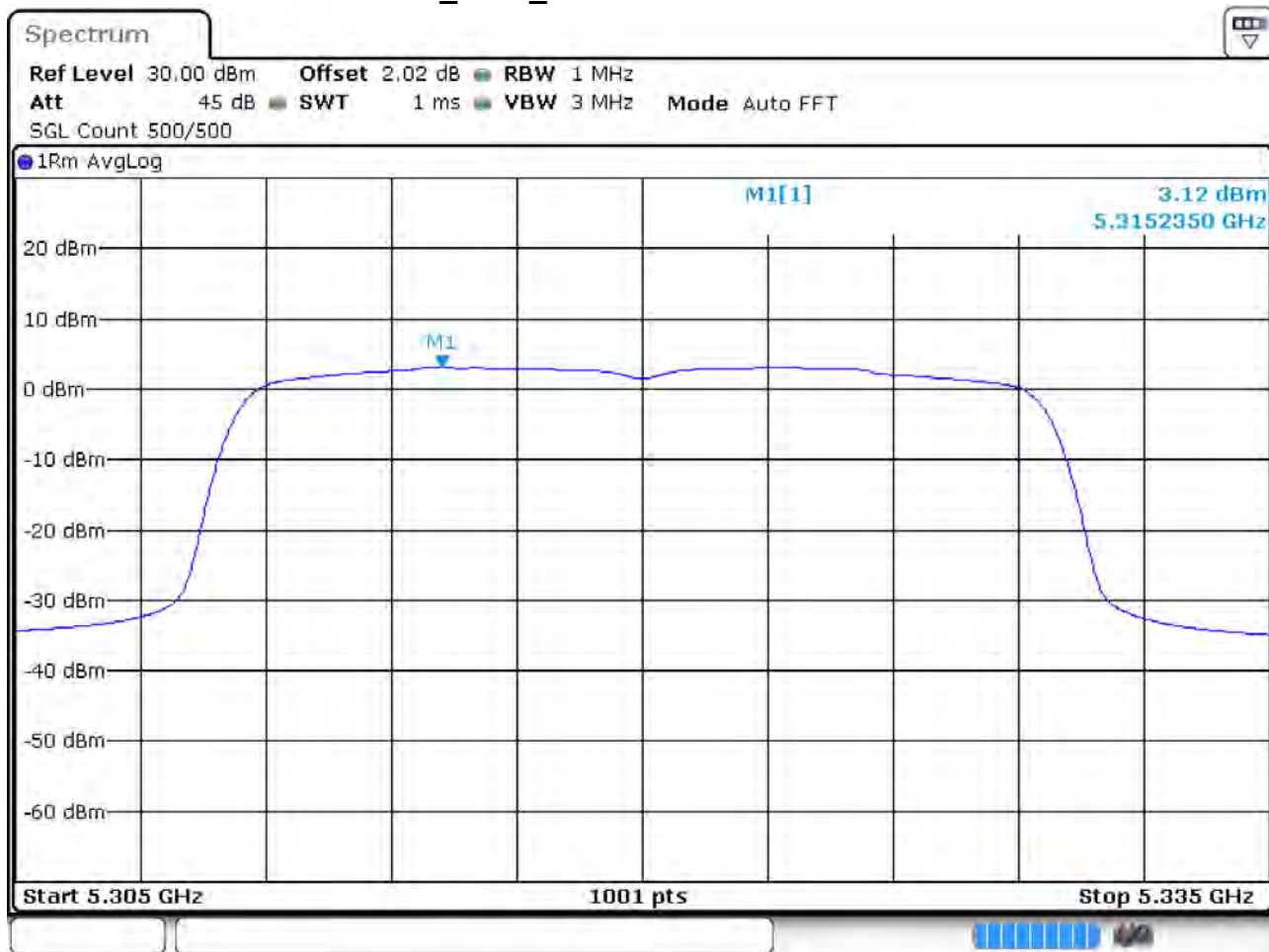
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4.8.2.148

11AX20MIMO_242T_64 ANT 1

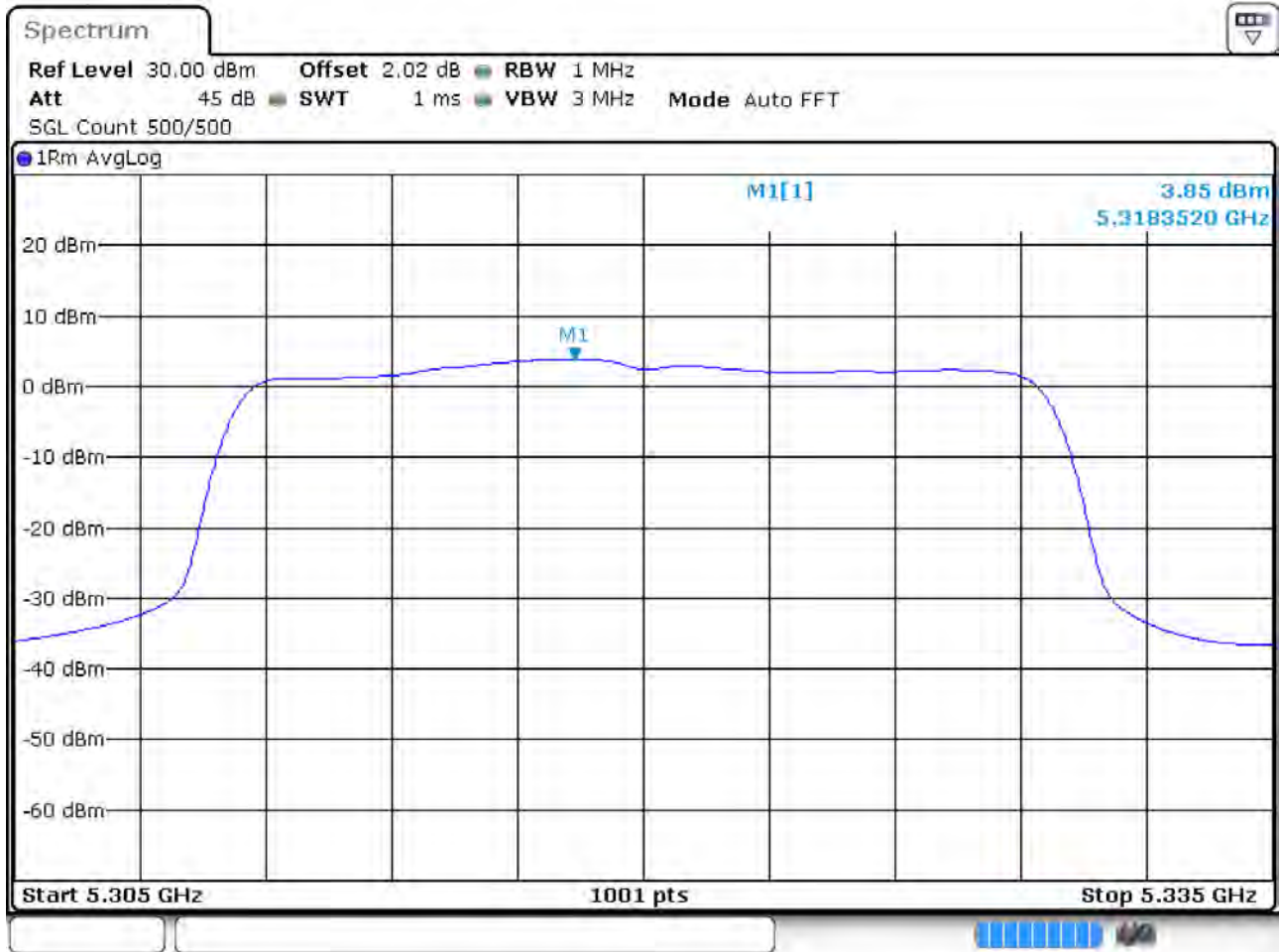


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4.8.2.149 11AX20MIMO_242T_64 ANT 2



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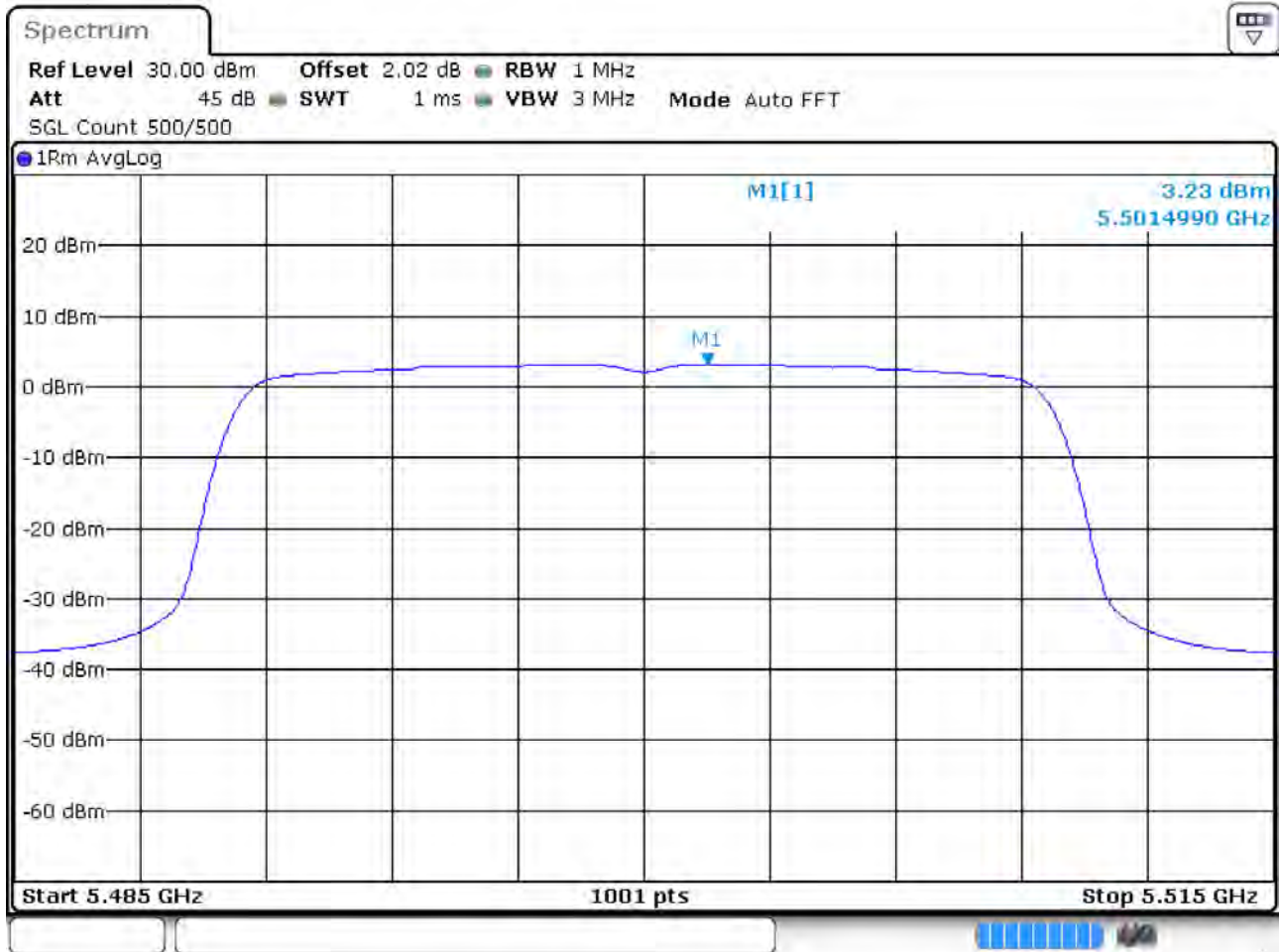


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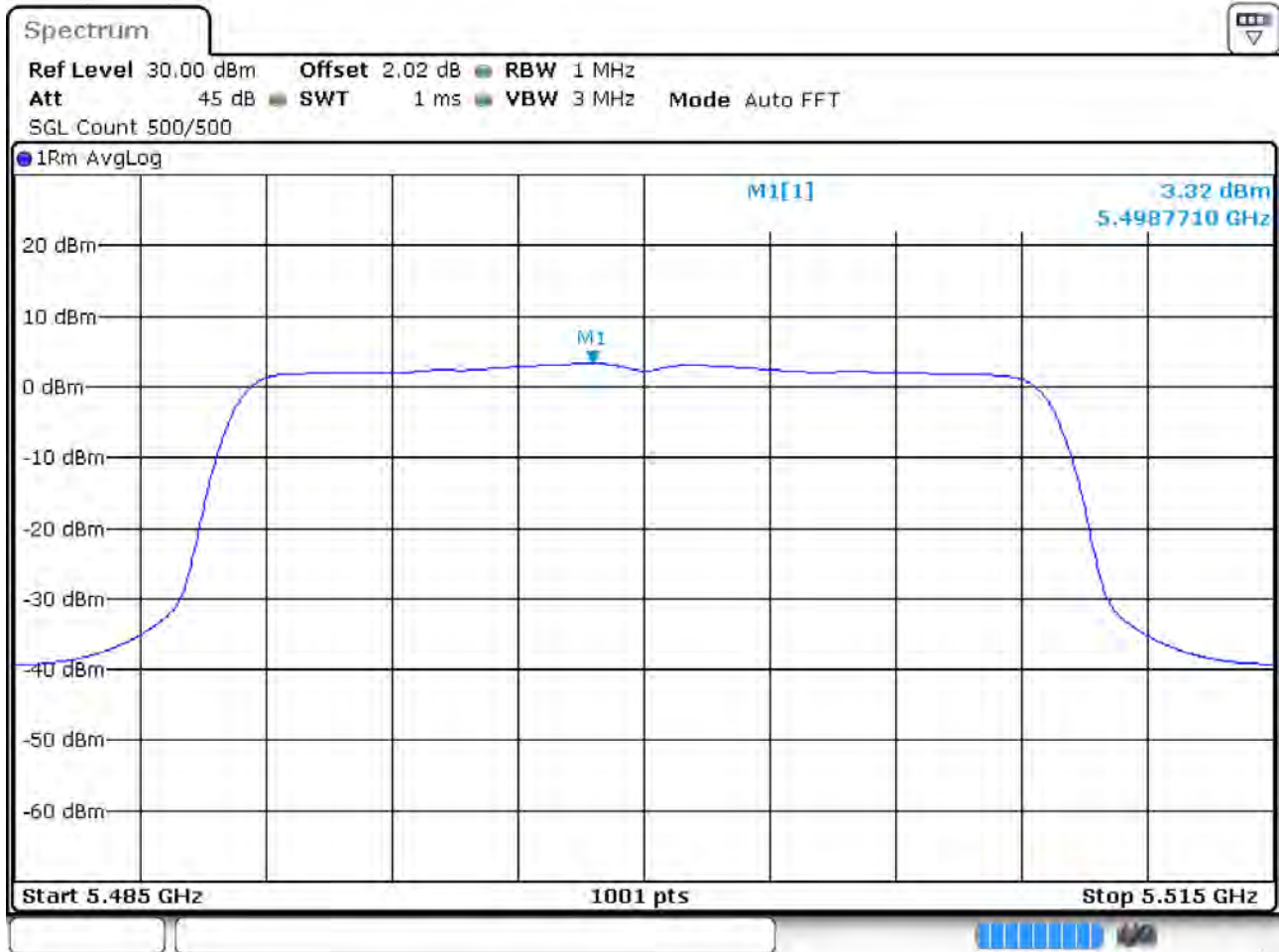
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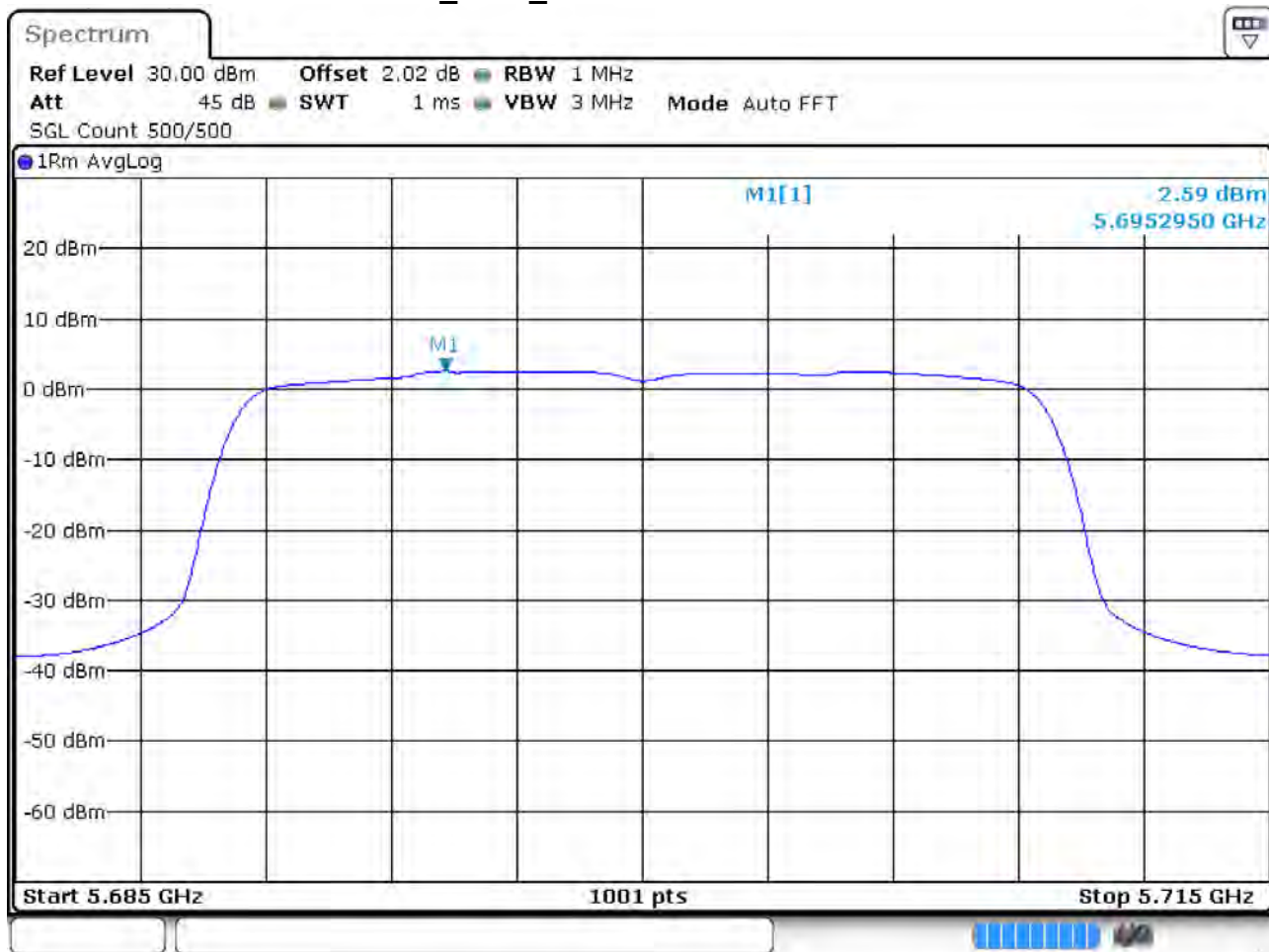
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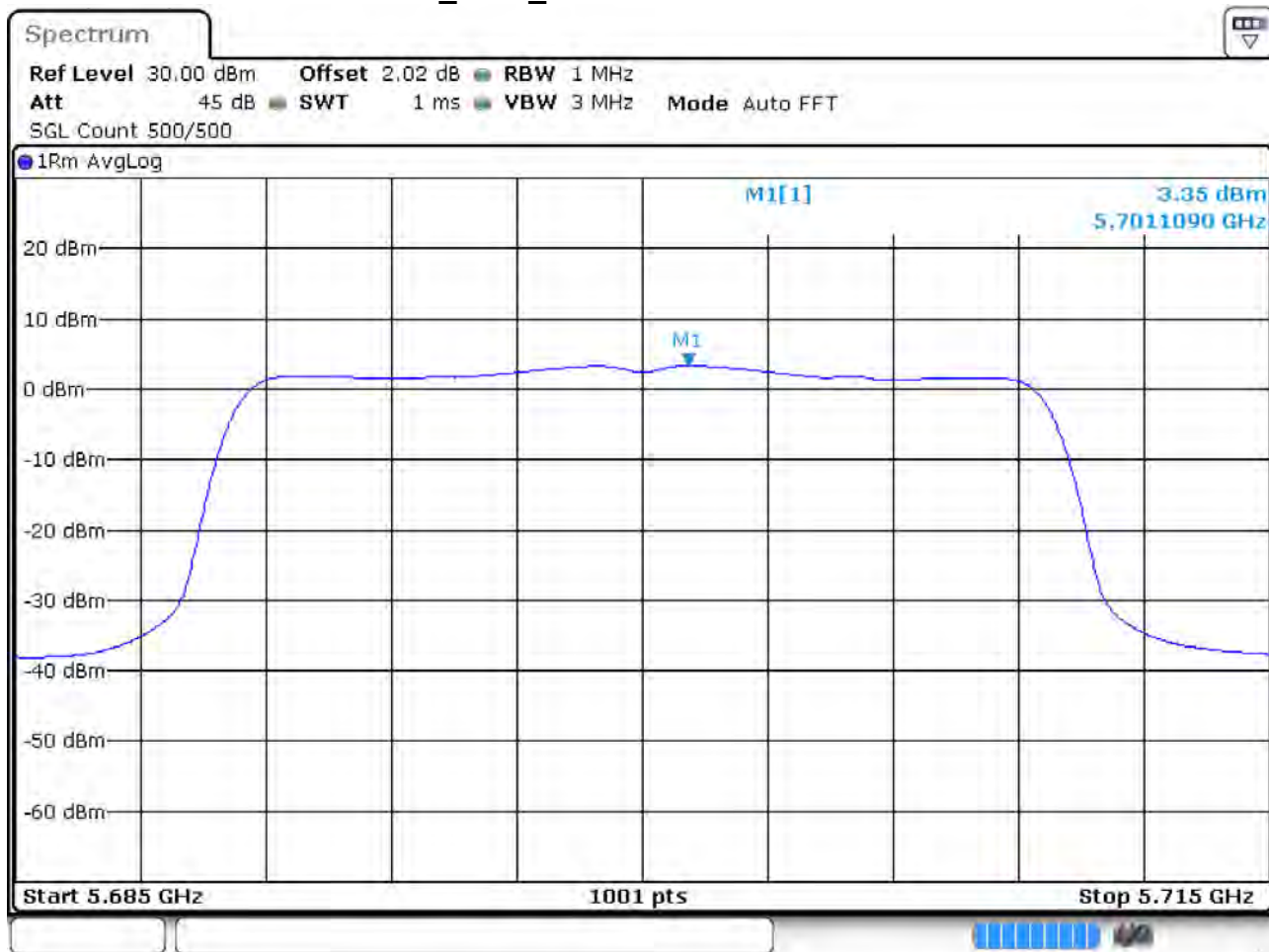
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4.8.2.153 11AX20MIMO_242T_140 ANT 2



Date: 14.APR.2020 05:19:09



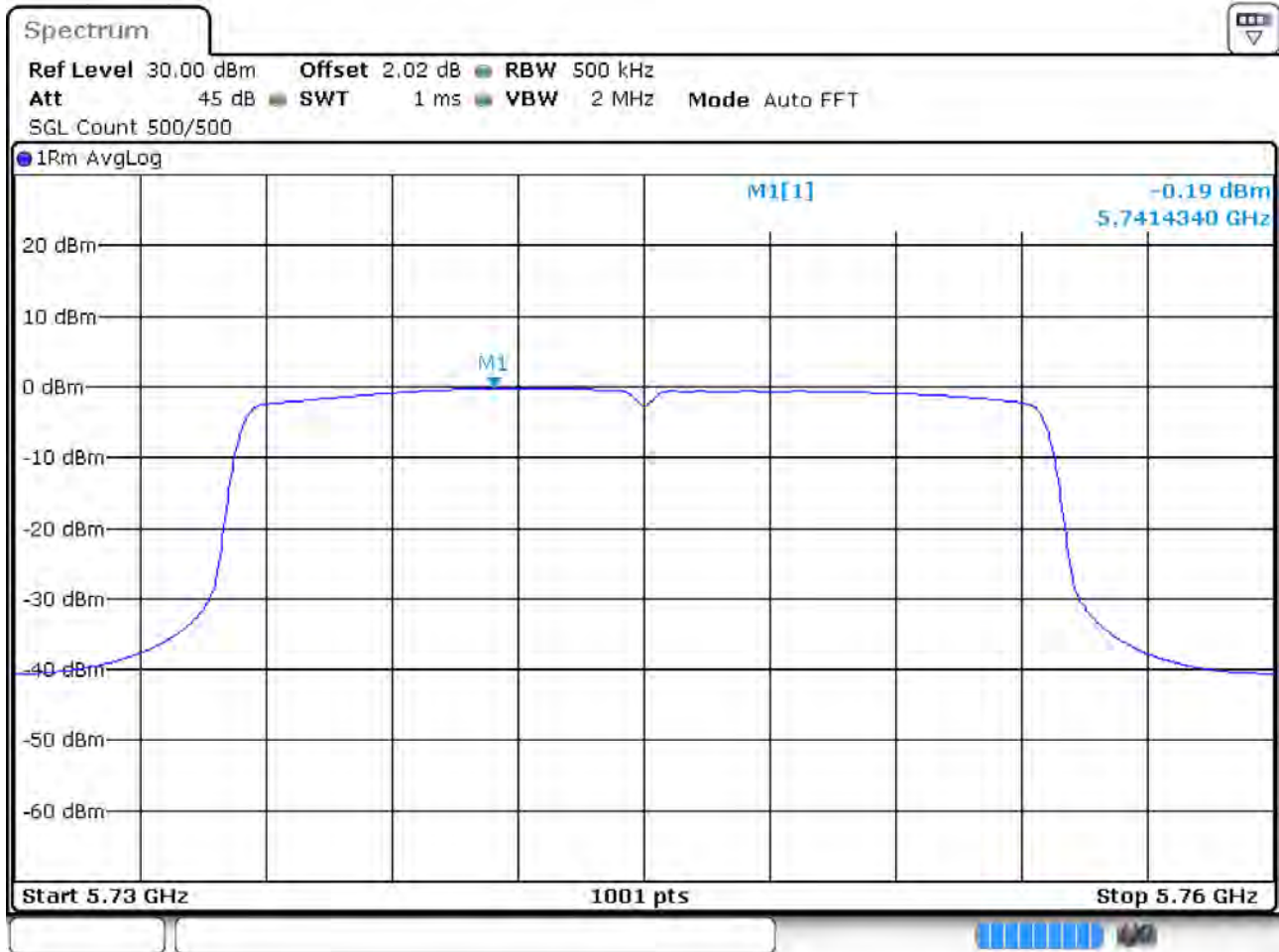
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4.8.2.154 11AX20MIMO_242T_149 ANT 1



Date: 14.APR.2020 05:03:48



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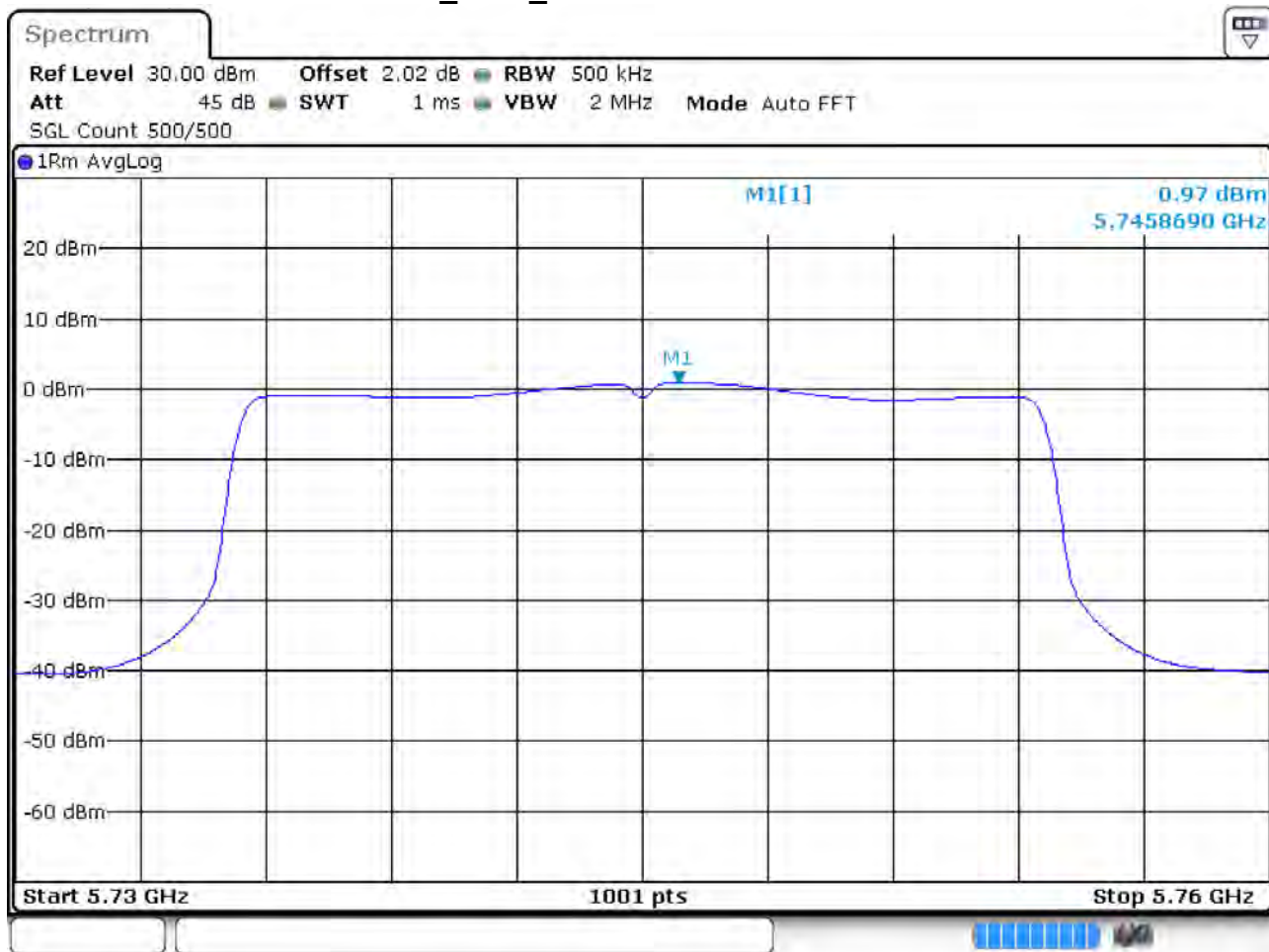
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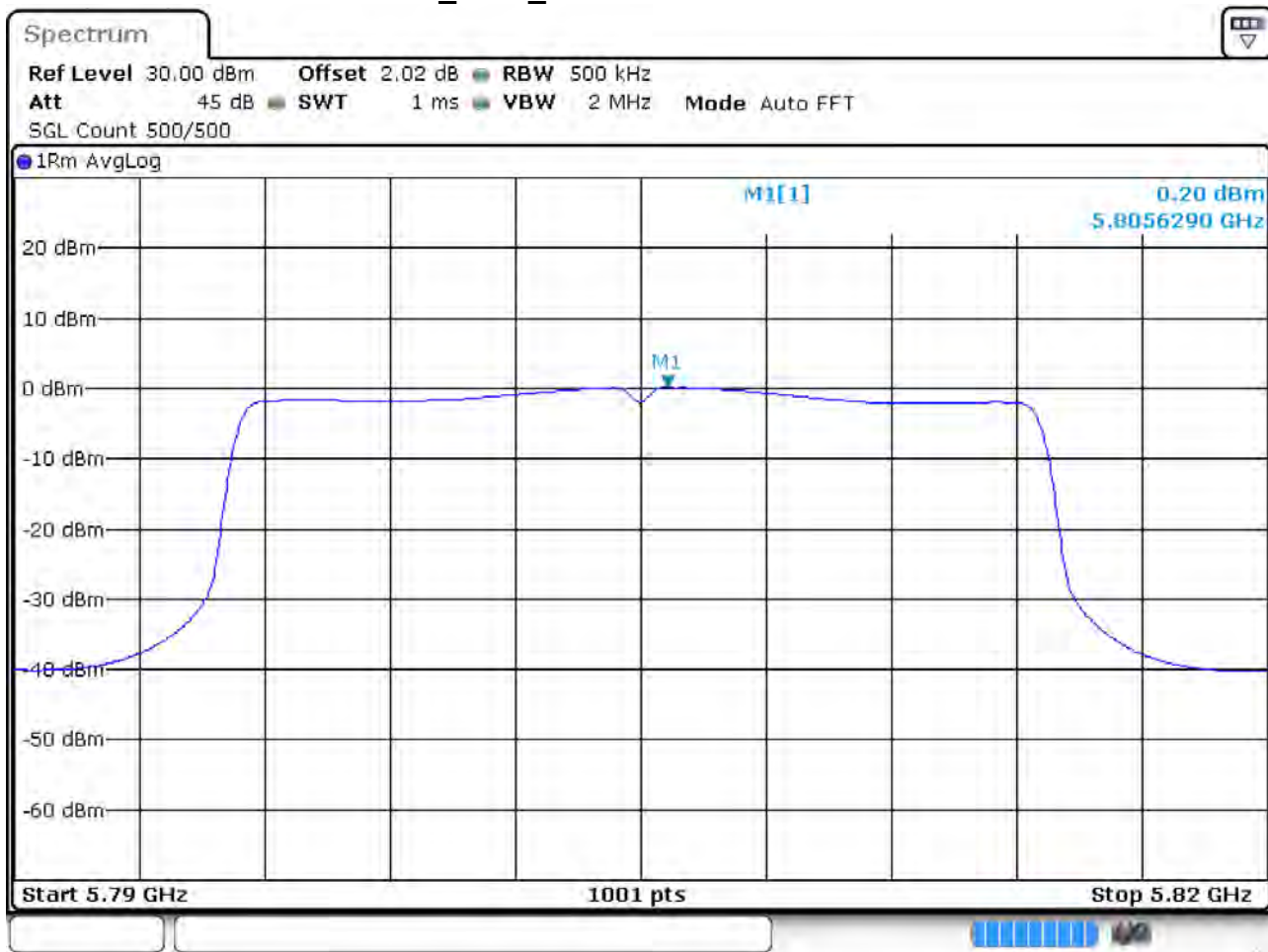
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4.8.2.156 11AX20MIMO_242T_161 ANT 1



Date: 26 APR 2020 09:03:48



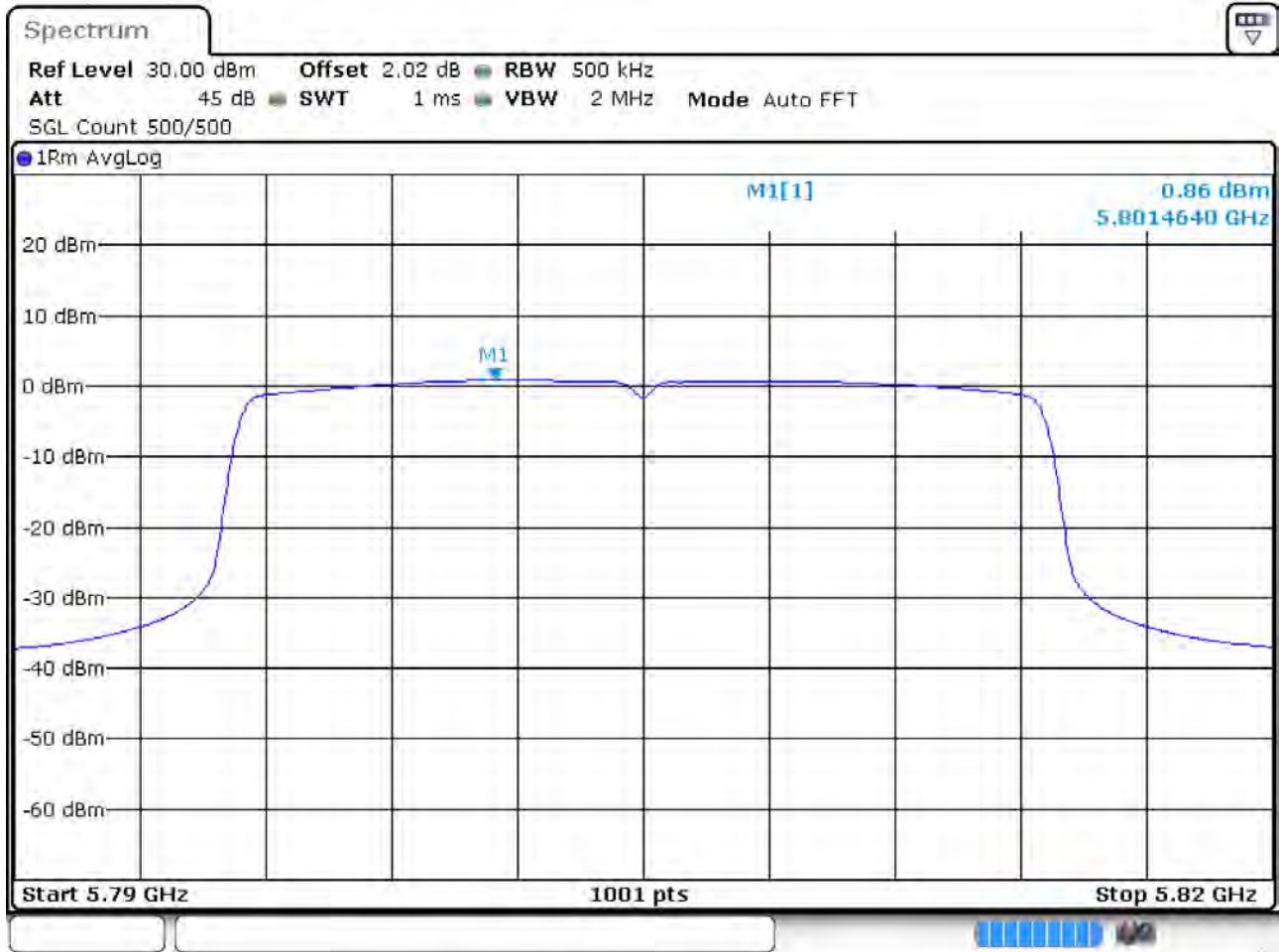
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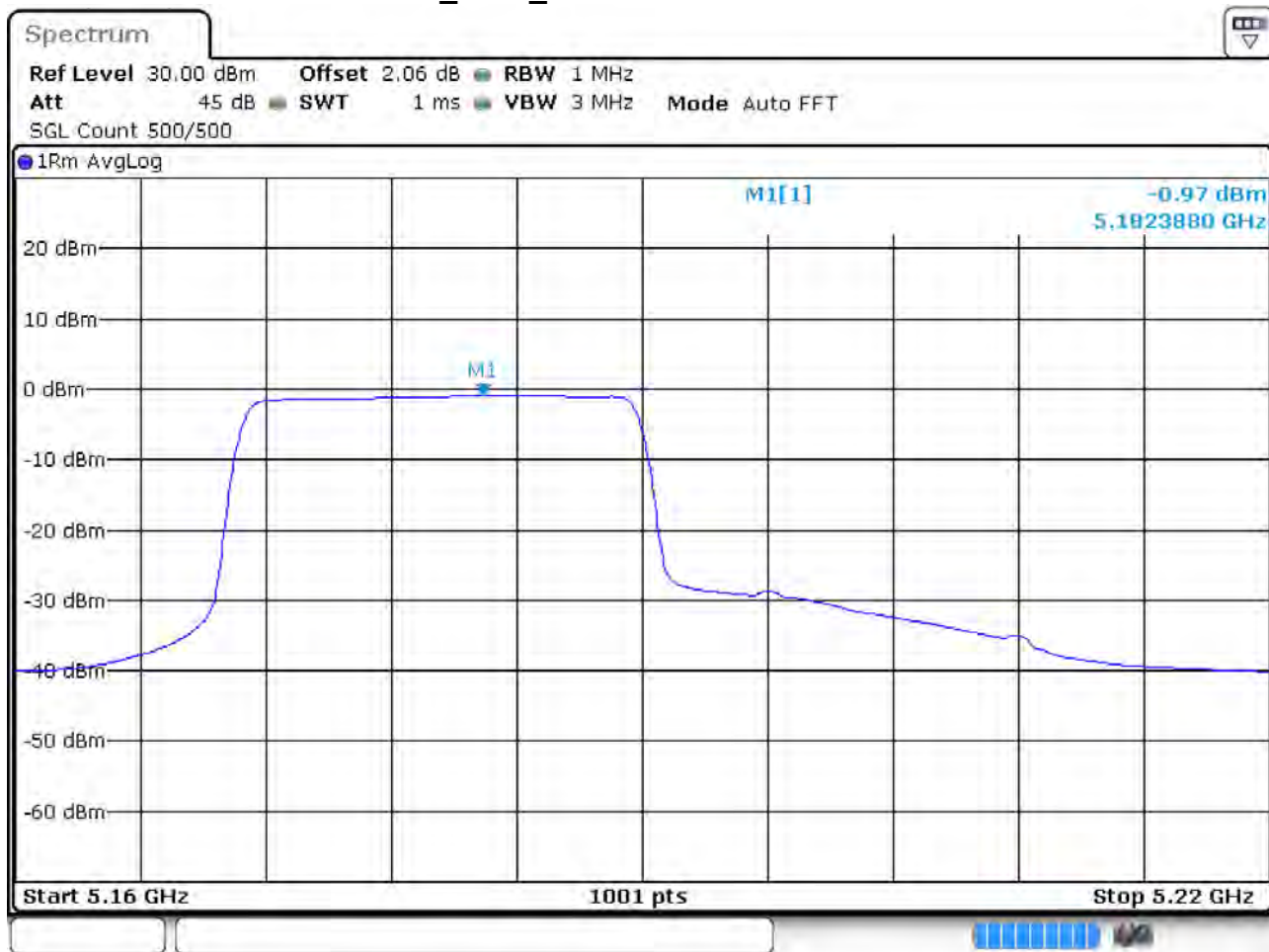
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4.8.2.158 11AX40MIMO_242T_38 ANT 1



Date: 11 APR 2020 10:48:20



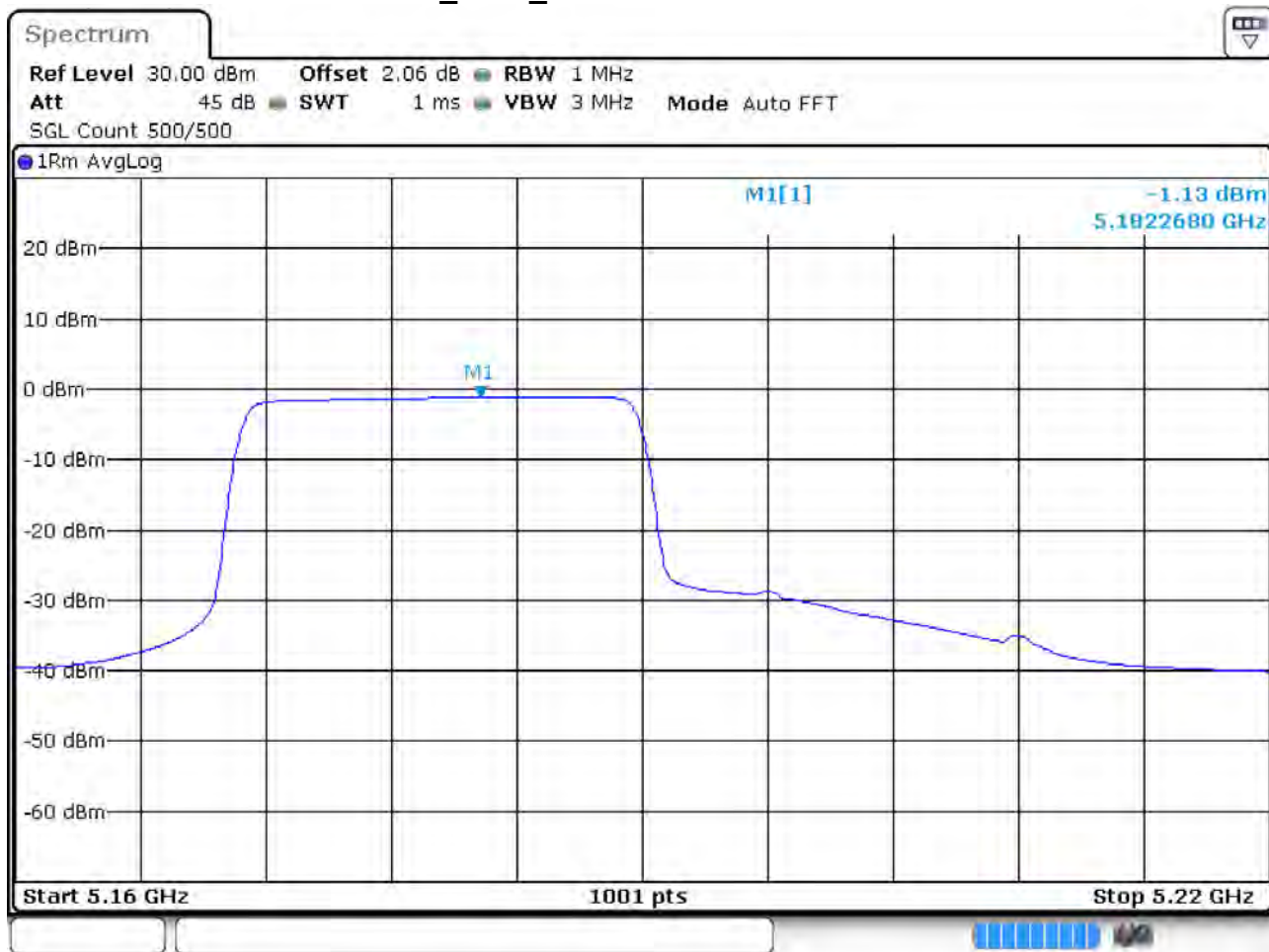
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4.8.2.159 11AX40MIMO_242T_38 ANT 2



Date: 11 APR 2020 11:25:41



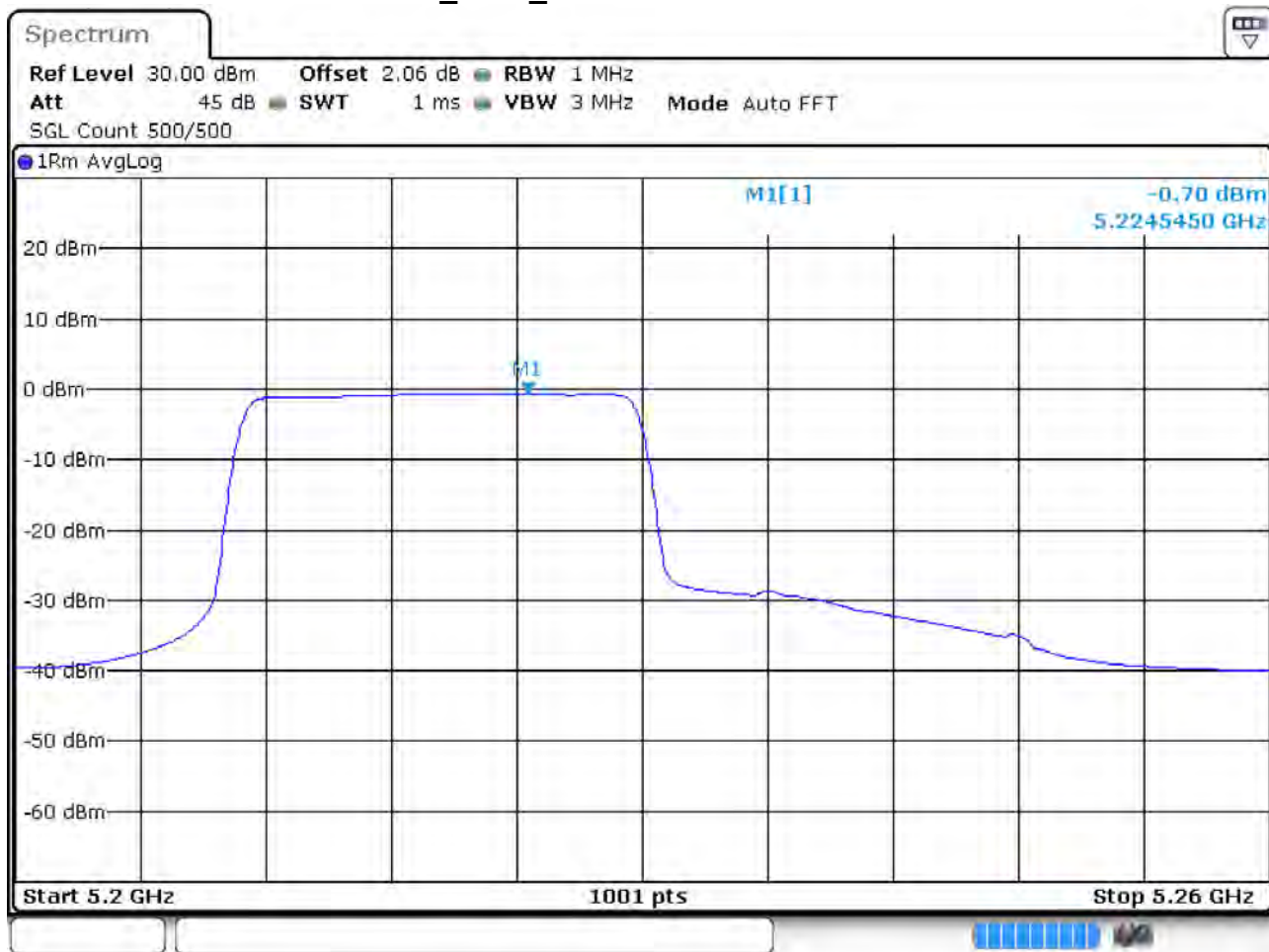
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4.8.2.160 11AX40MIMO_242T_46 ANT 1



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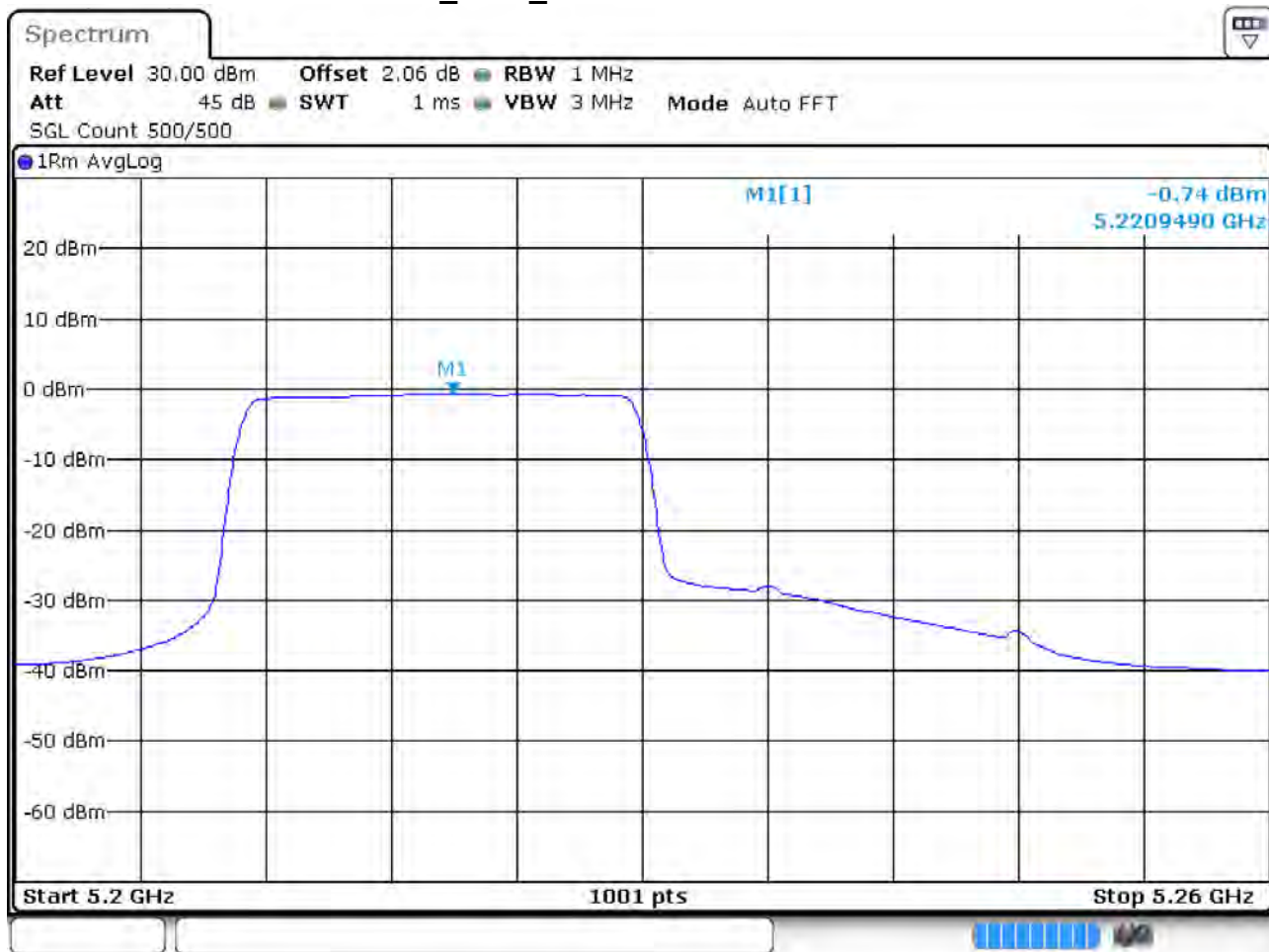
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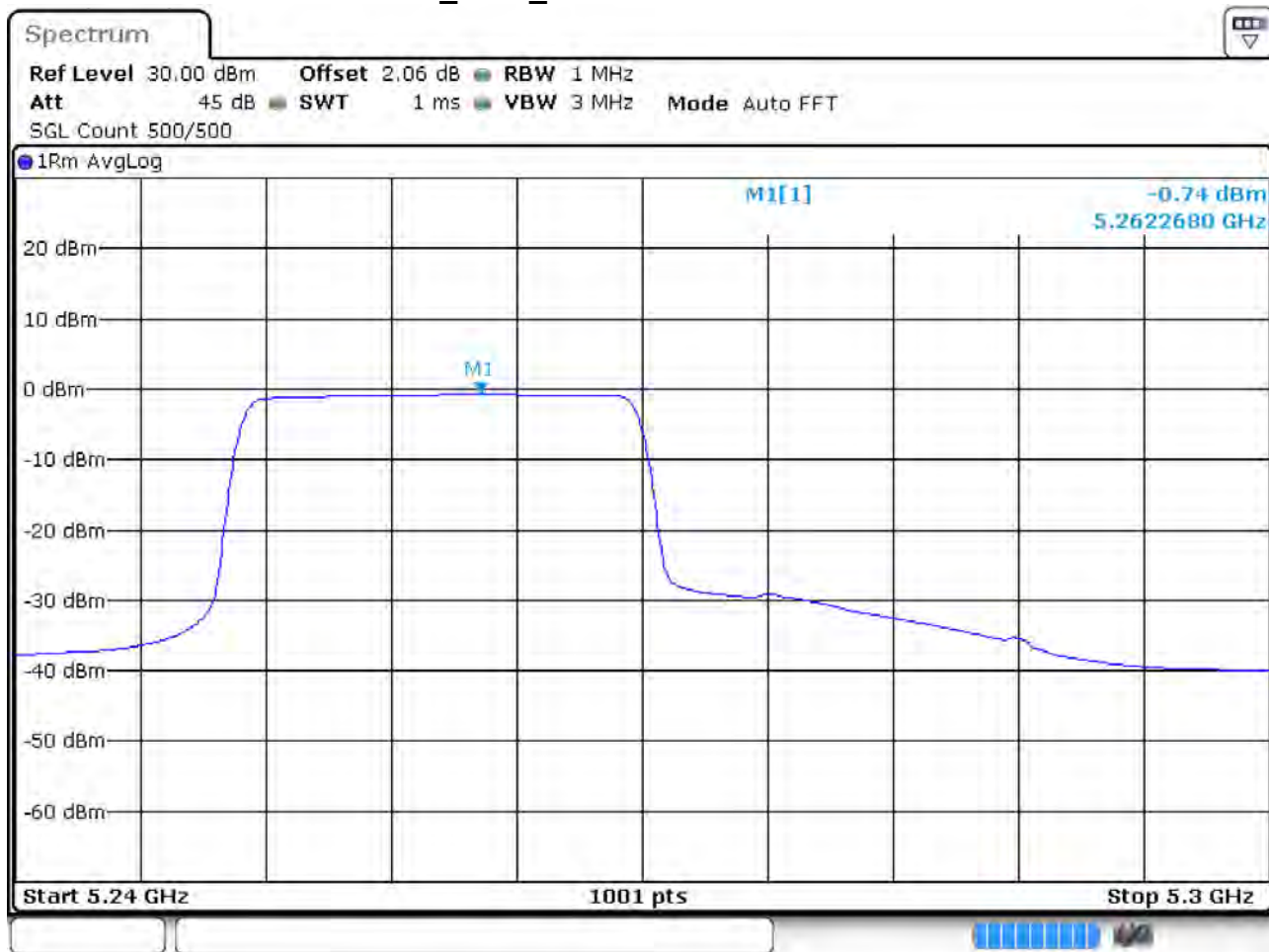
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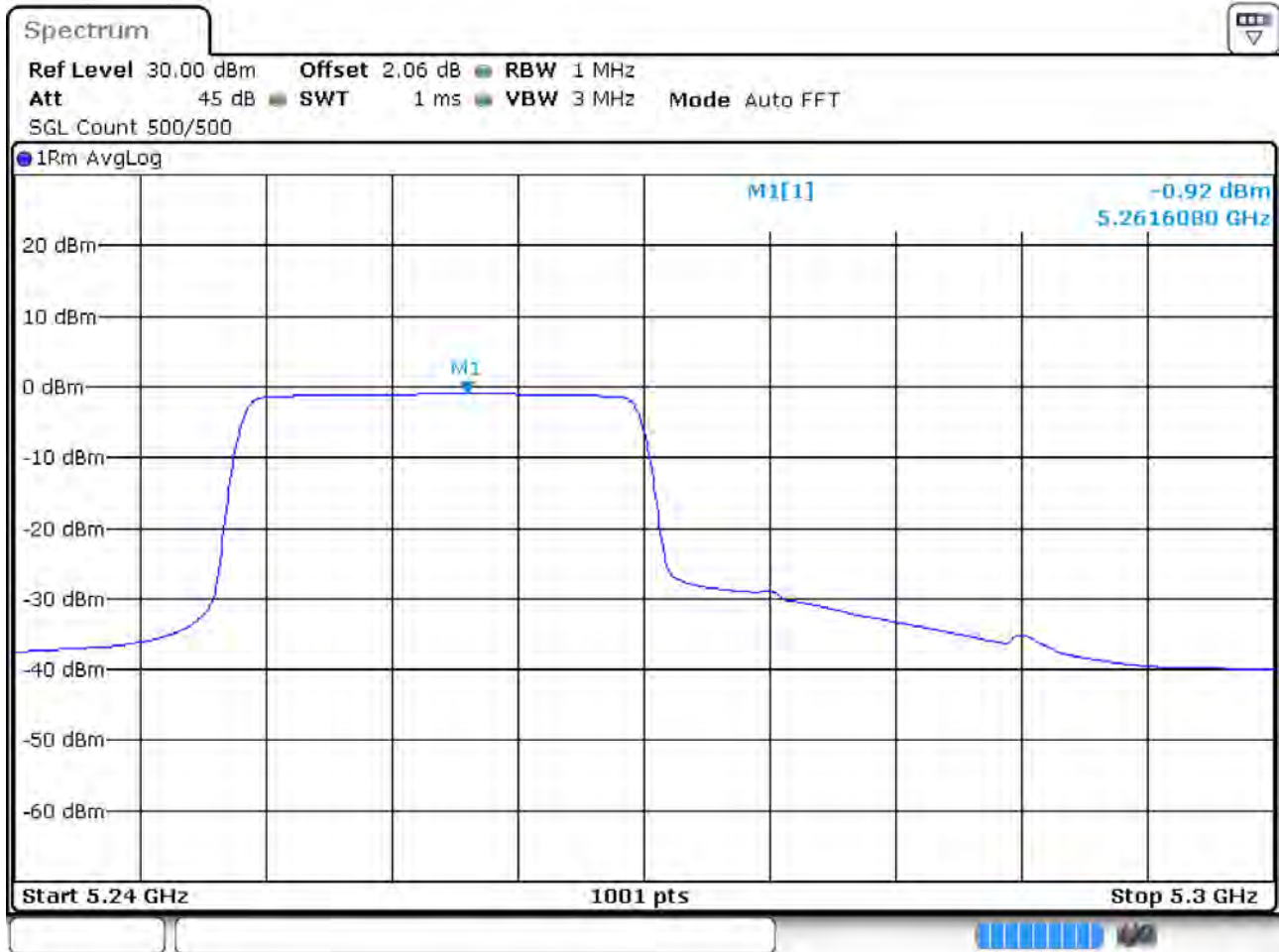
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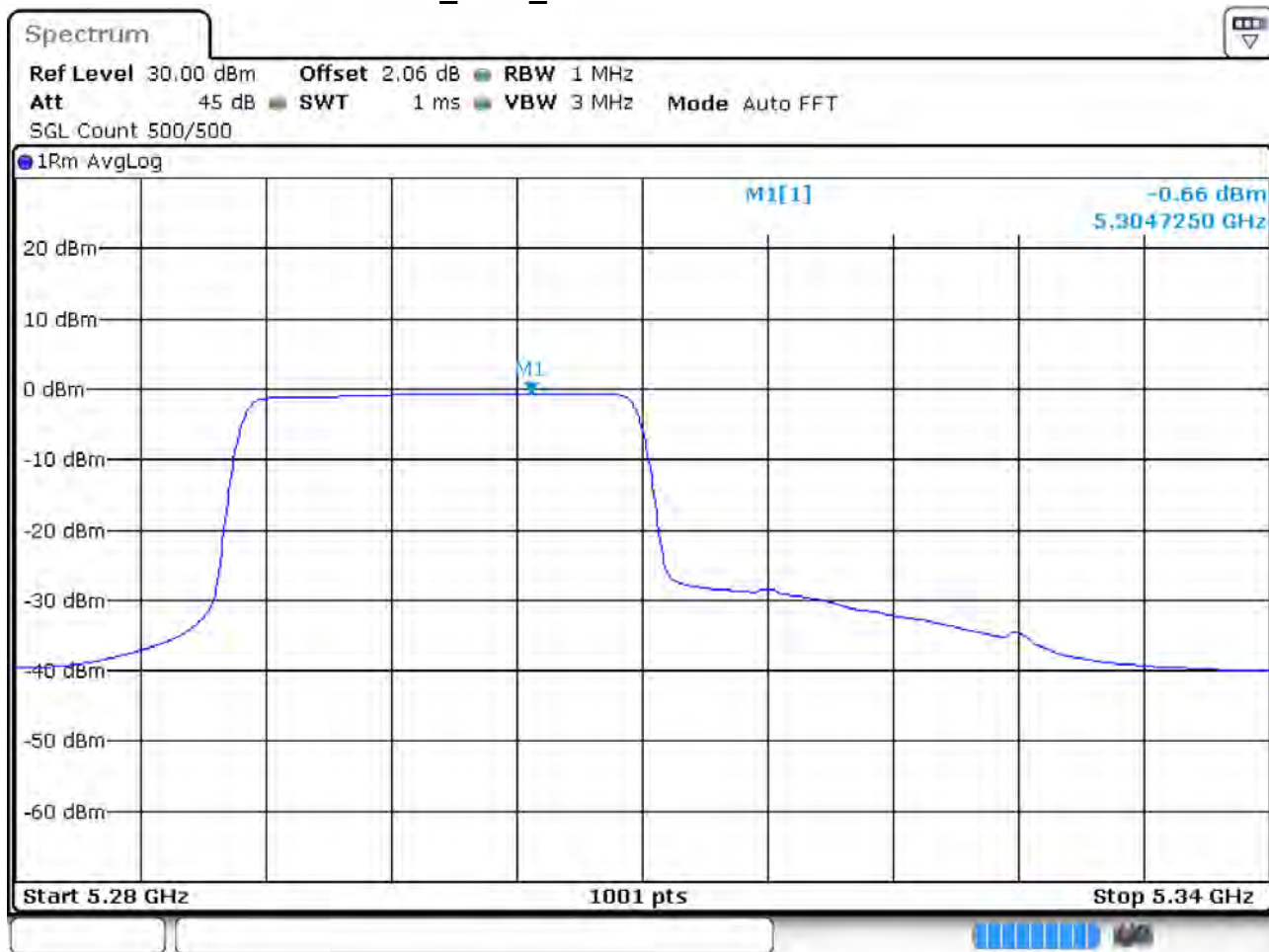
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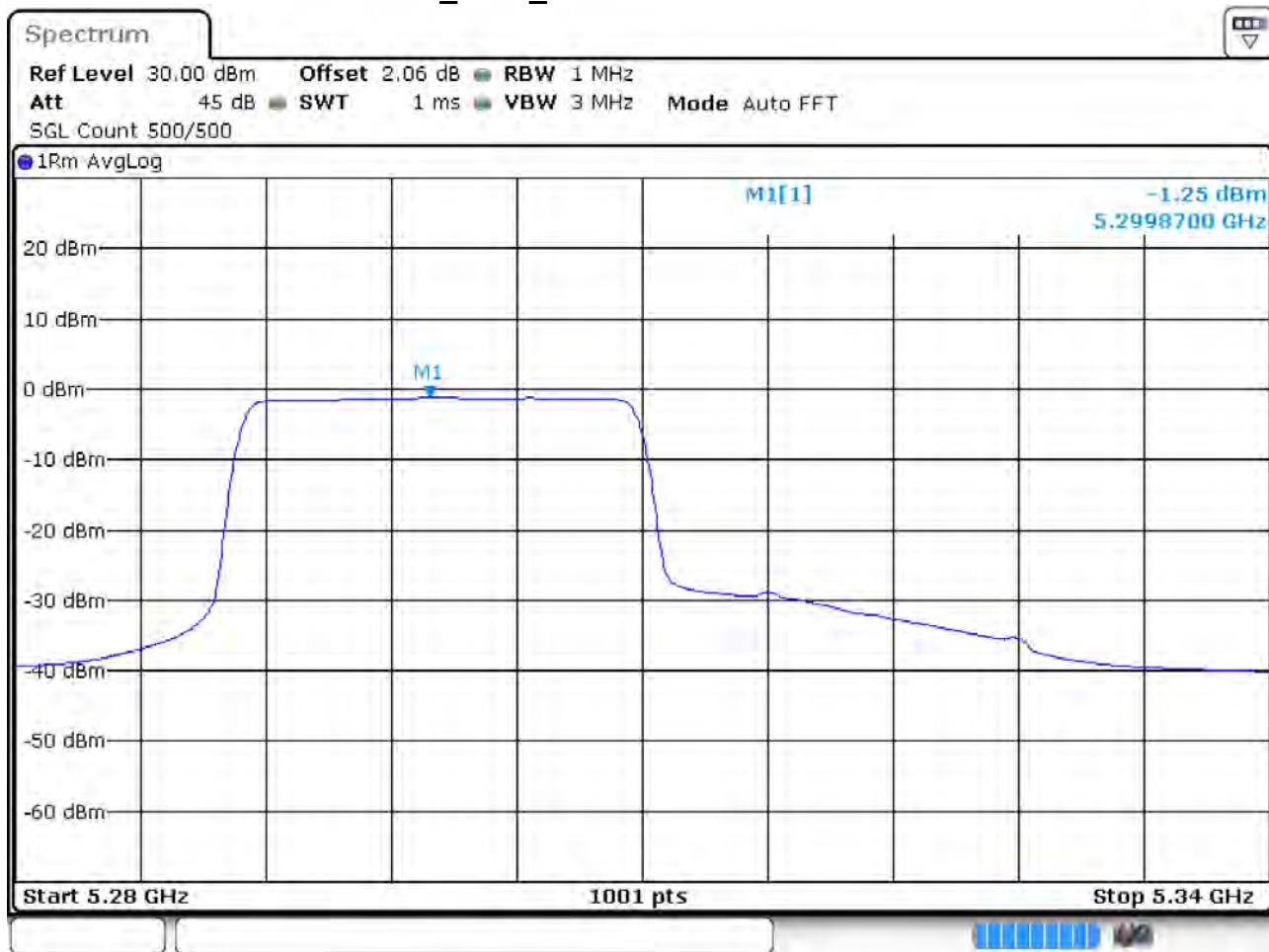
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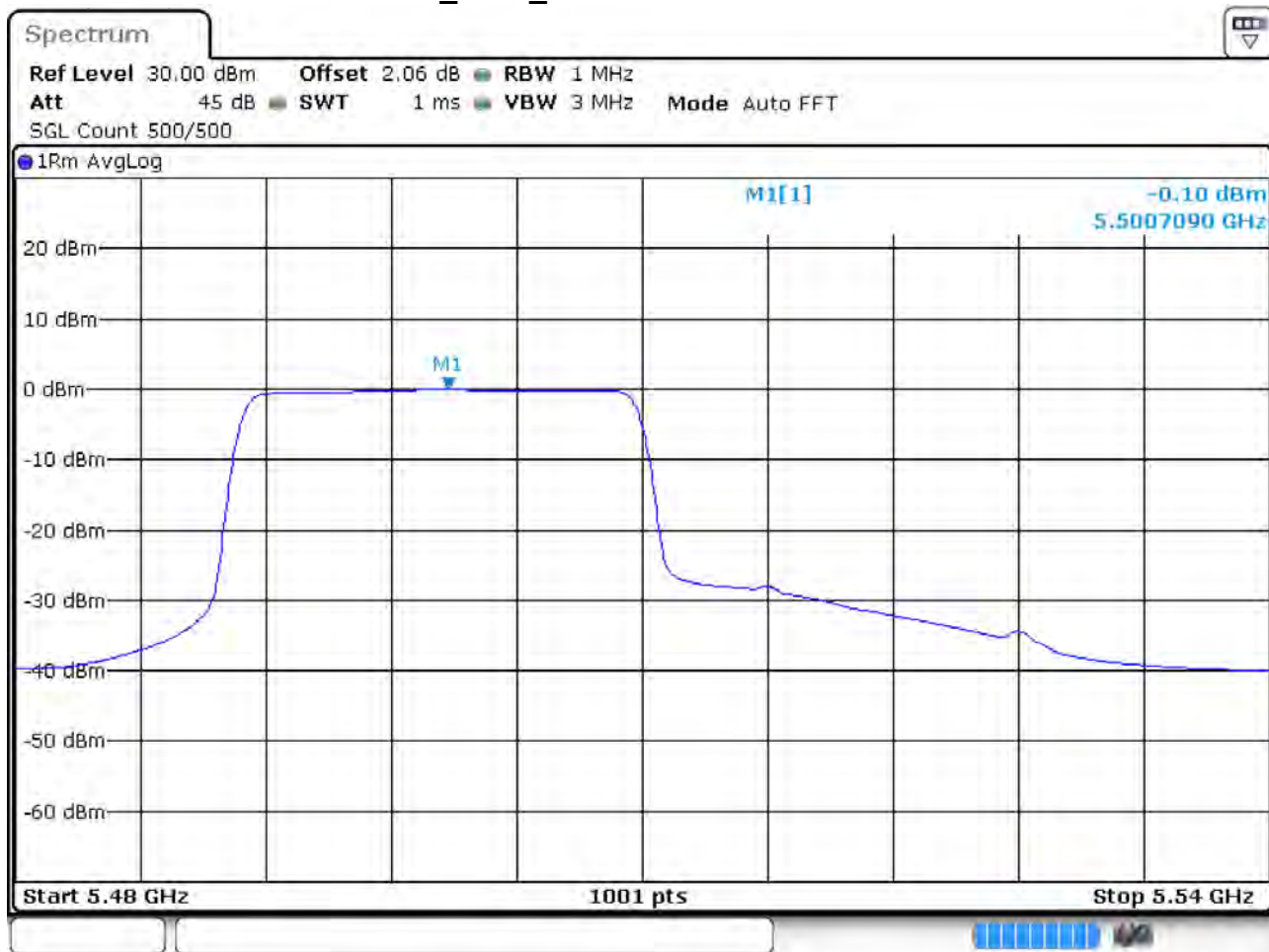
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4.8.2.166 11AX40MIMO_242T_102 ANT 1



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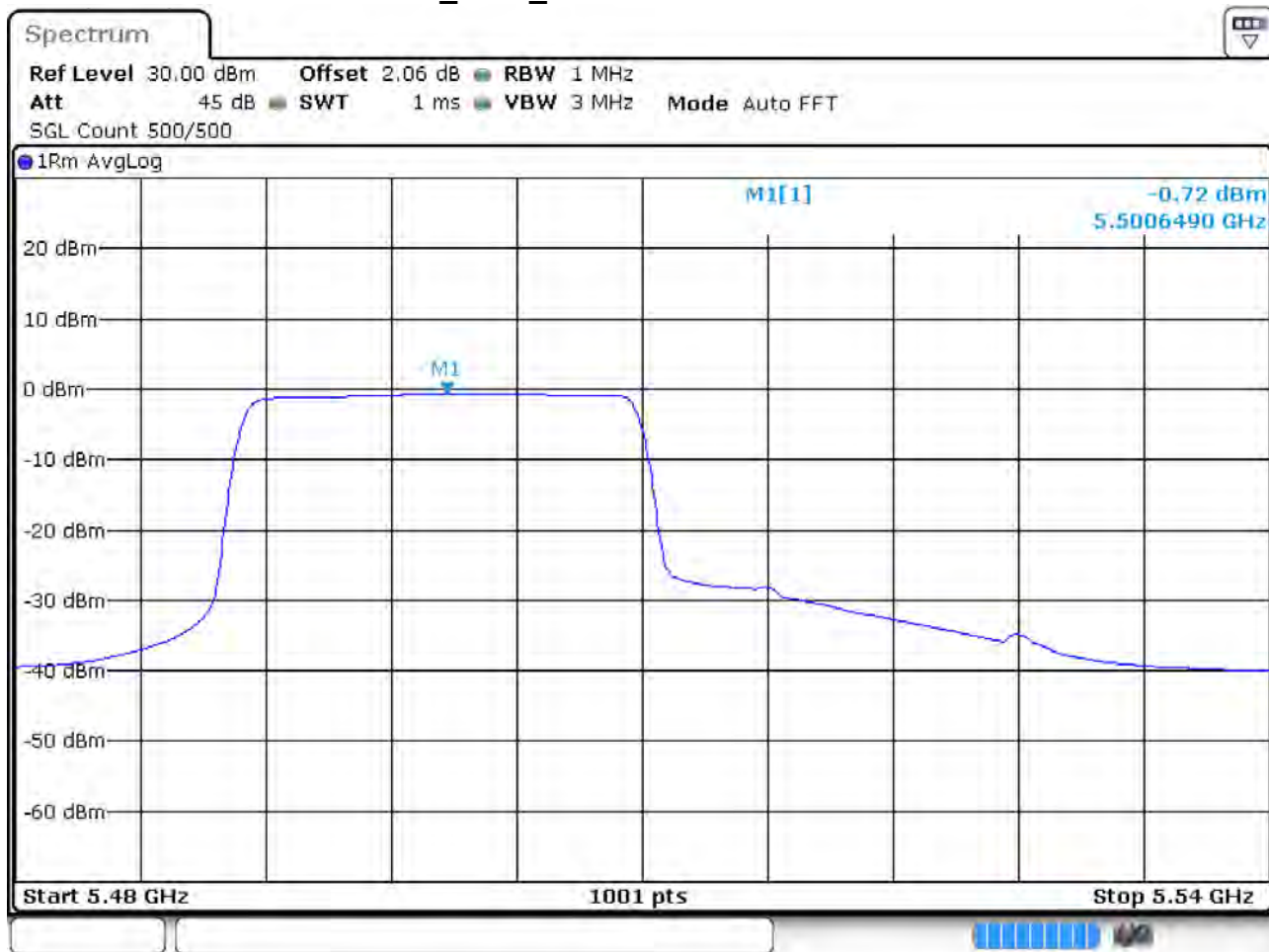
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4.8.2.167 11AX40MIMO_242T_102 ANT 2



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4.8.2.168 11AX40MIMO_242T_134 ANT 1



Date: 11.APR.2020 11:15:21



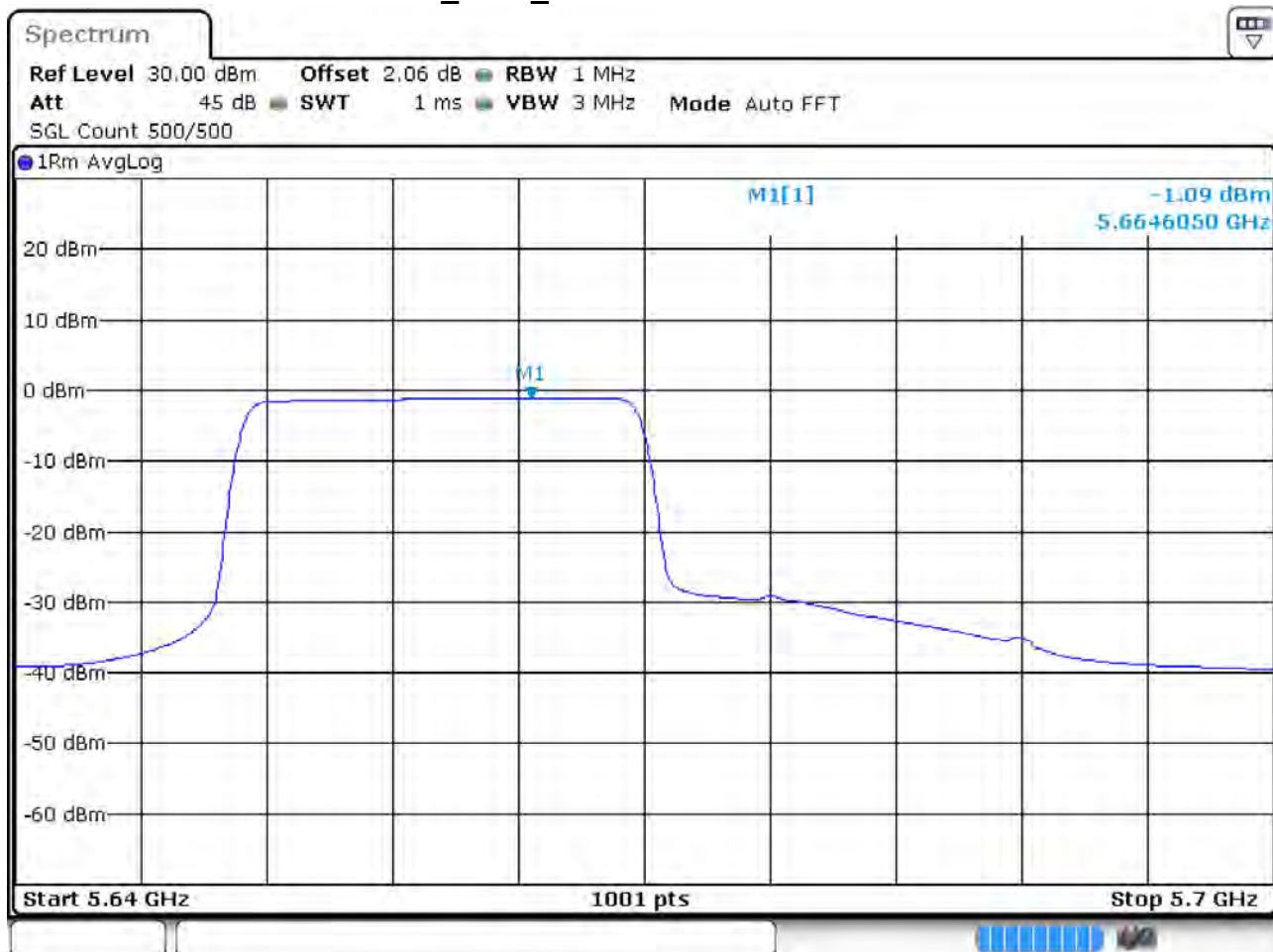
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4.8.2.169 11AX40MIMO_242T_134 ANT 2



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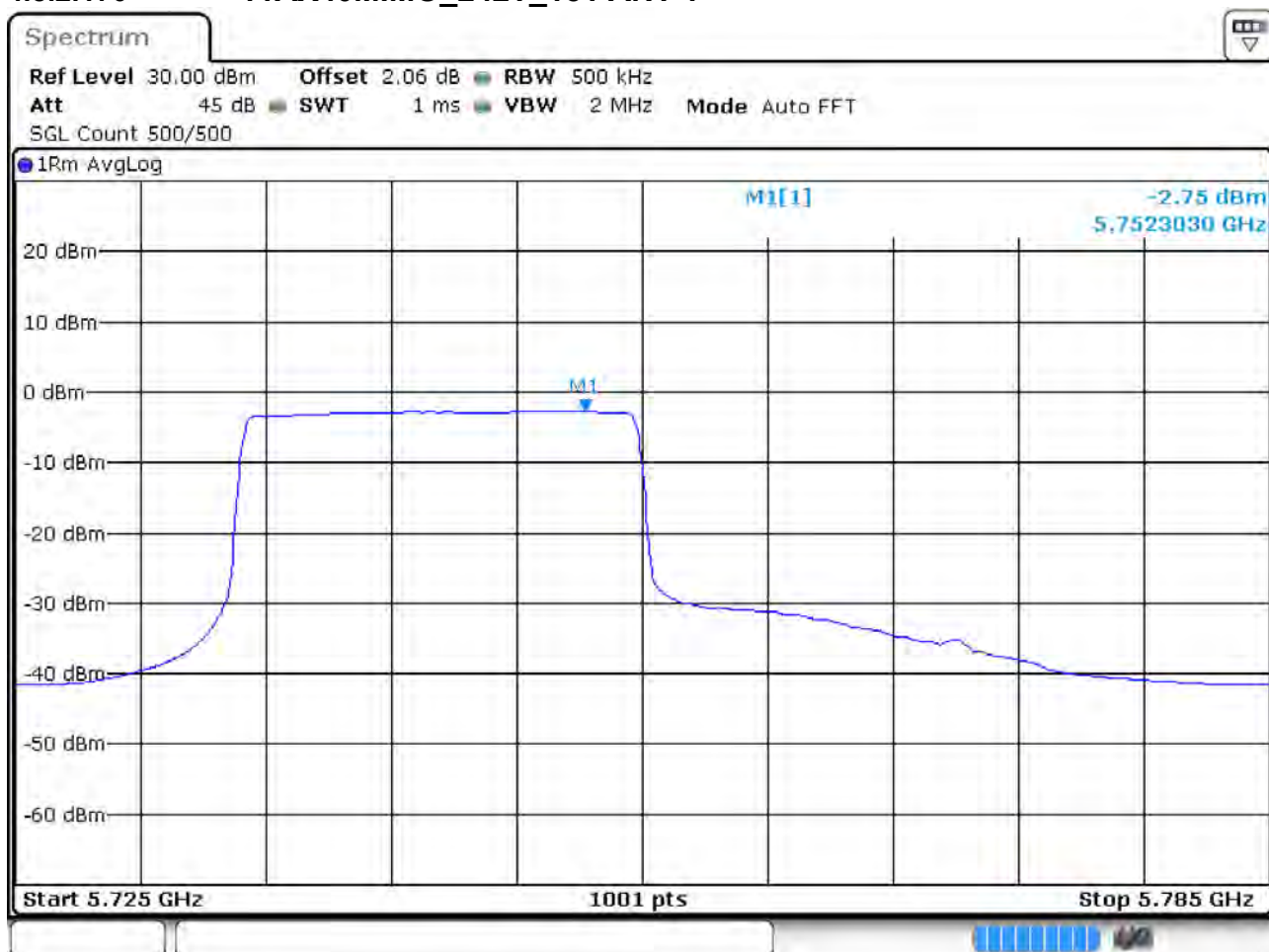


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4.8.2.170 11AX40MIMO 242T 151 ANT 1



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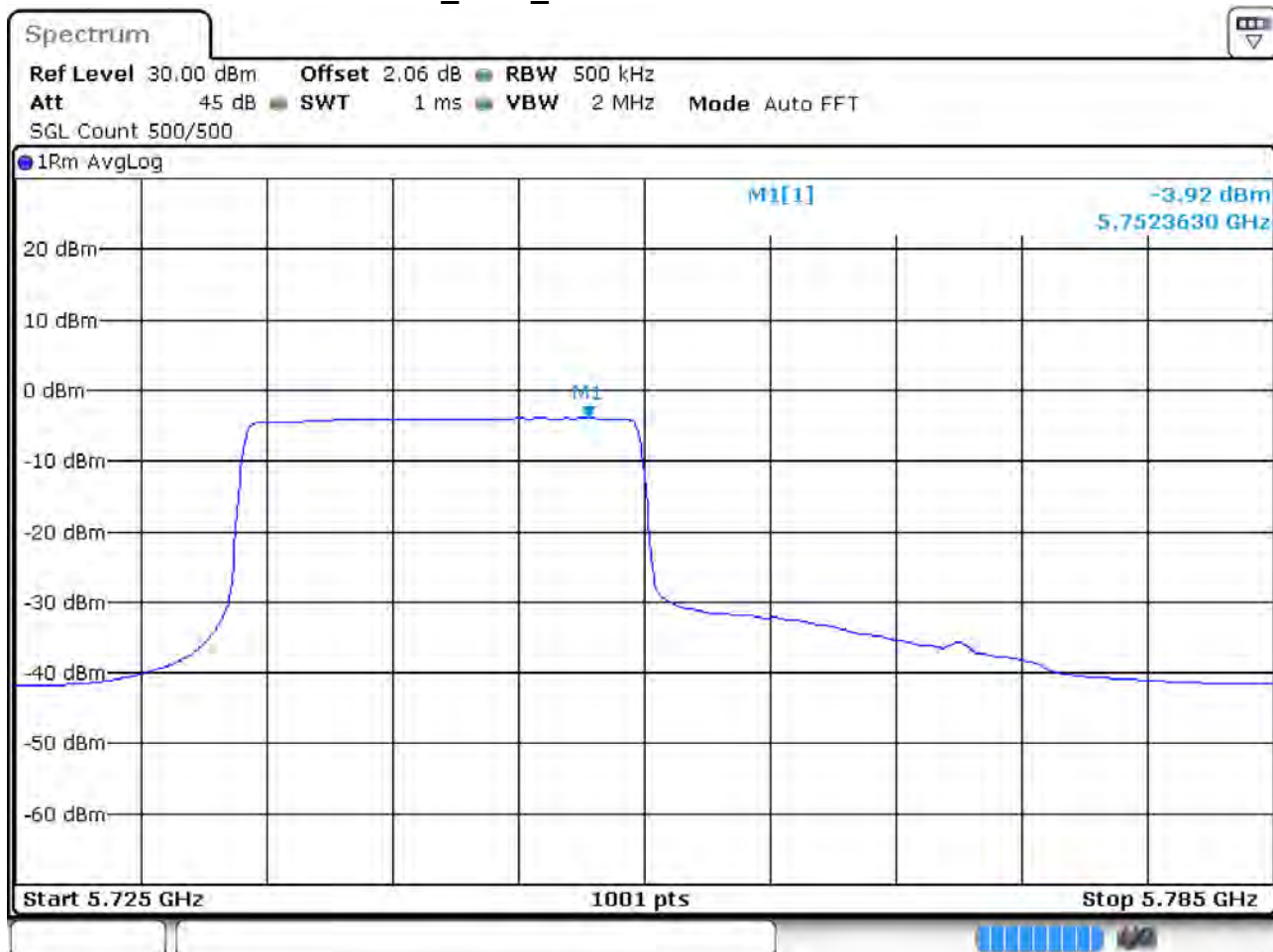
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4.8.2.171 11AX40MIMO_242T_151 ANT 2



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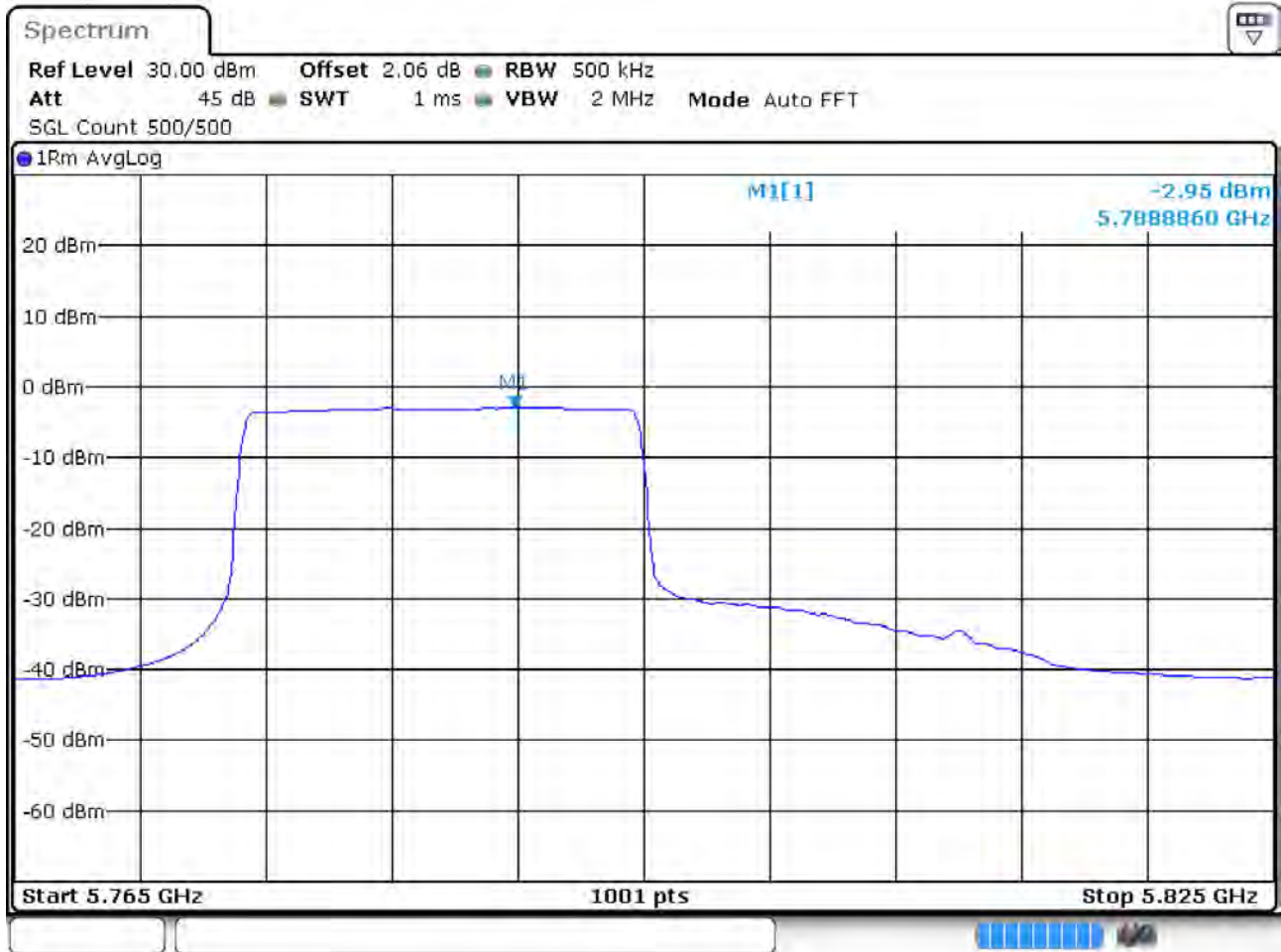
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4.8.2.172 11AX40MIMO_242T_159 ANT 1



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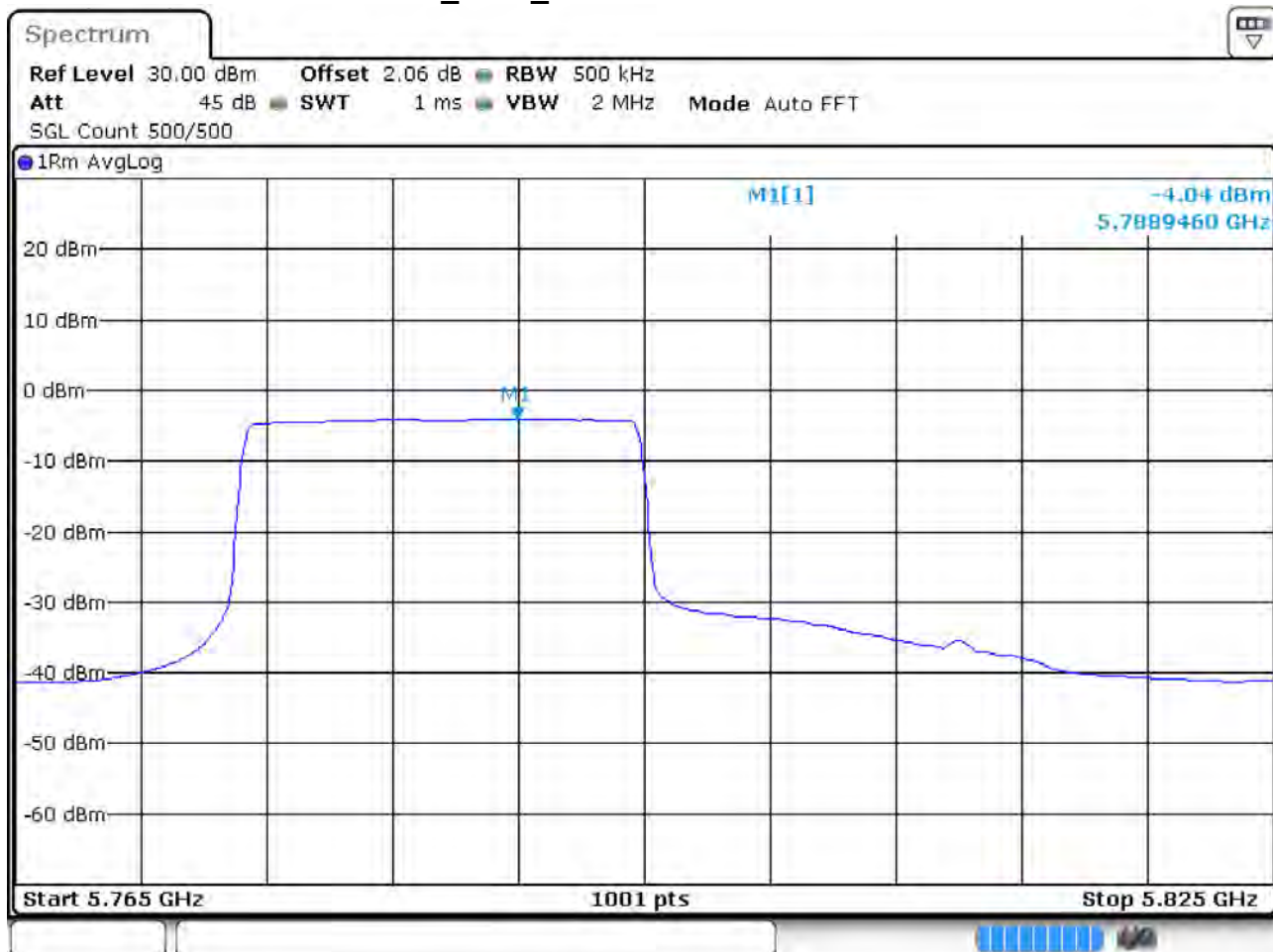


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4.8.2.173 11AX40MIMO_242T_159 ANT 2



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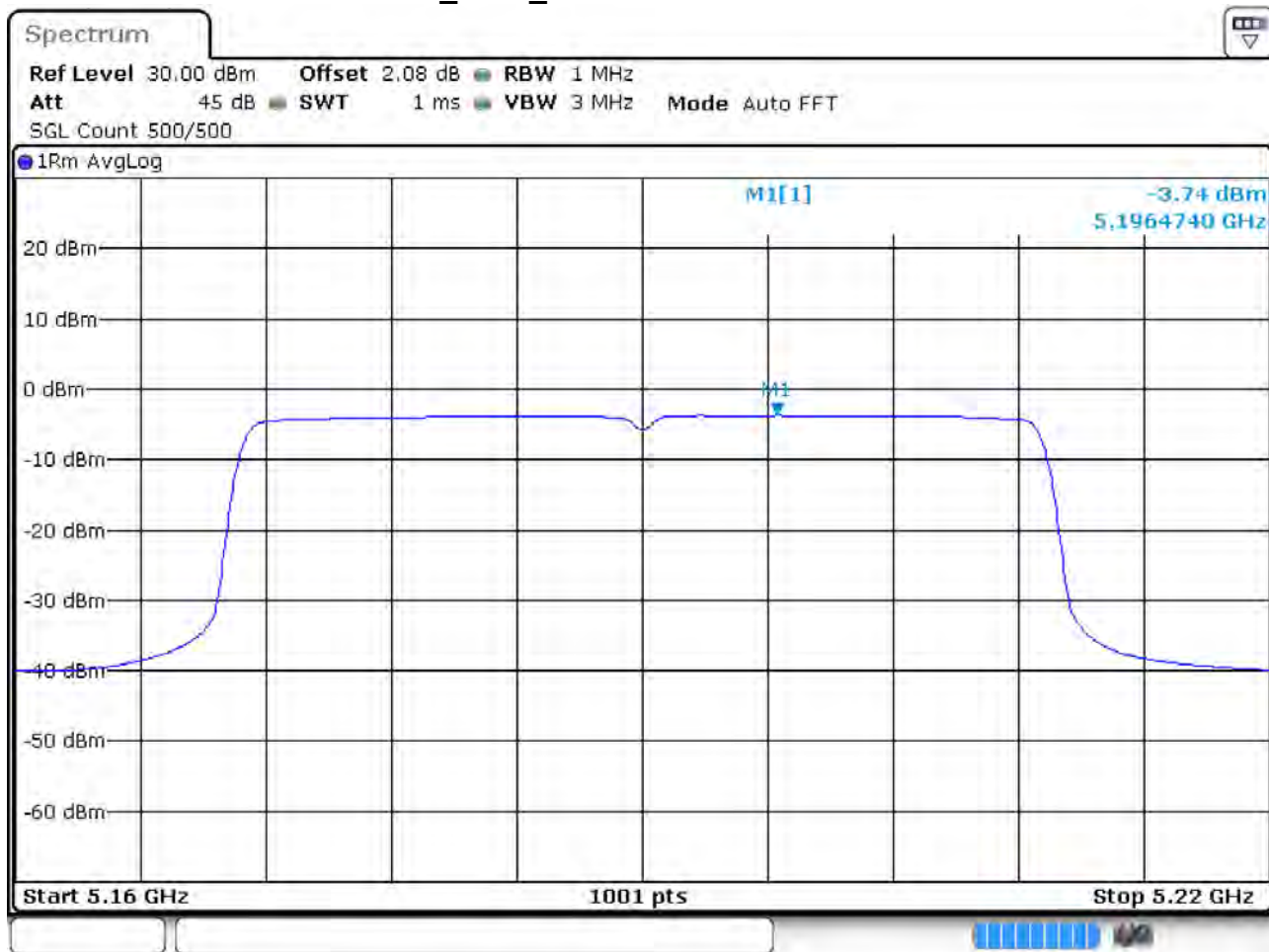
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4.8.2.174 11AX40MIMO_484T_38 ANT 1



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