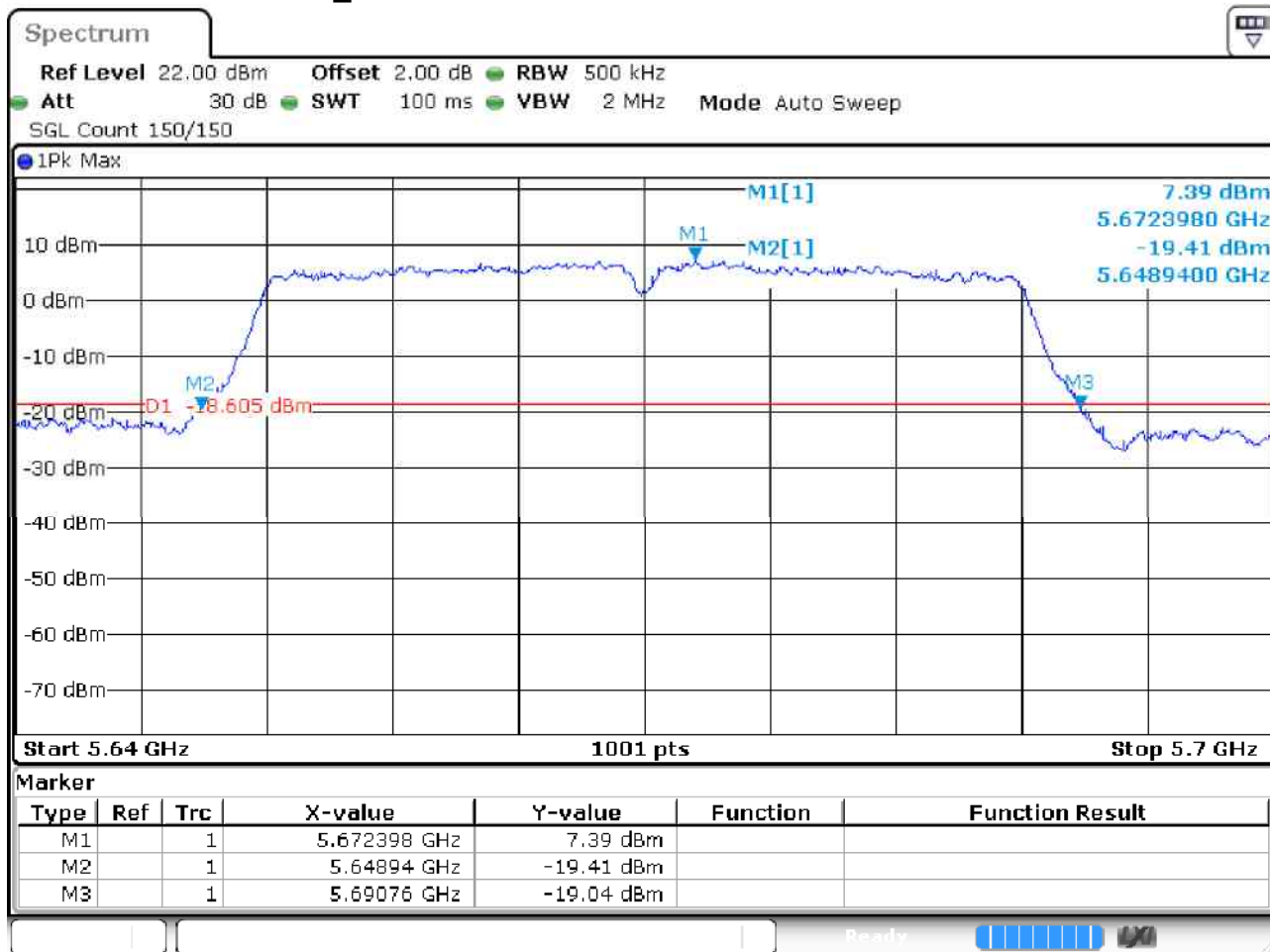
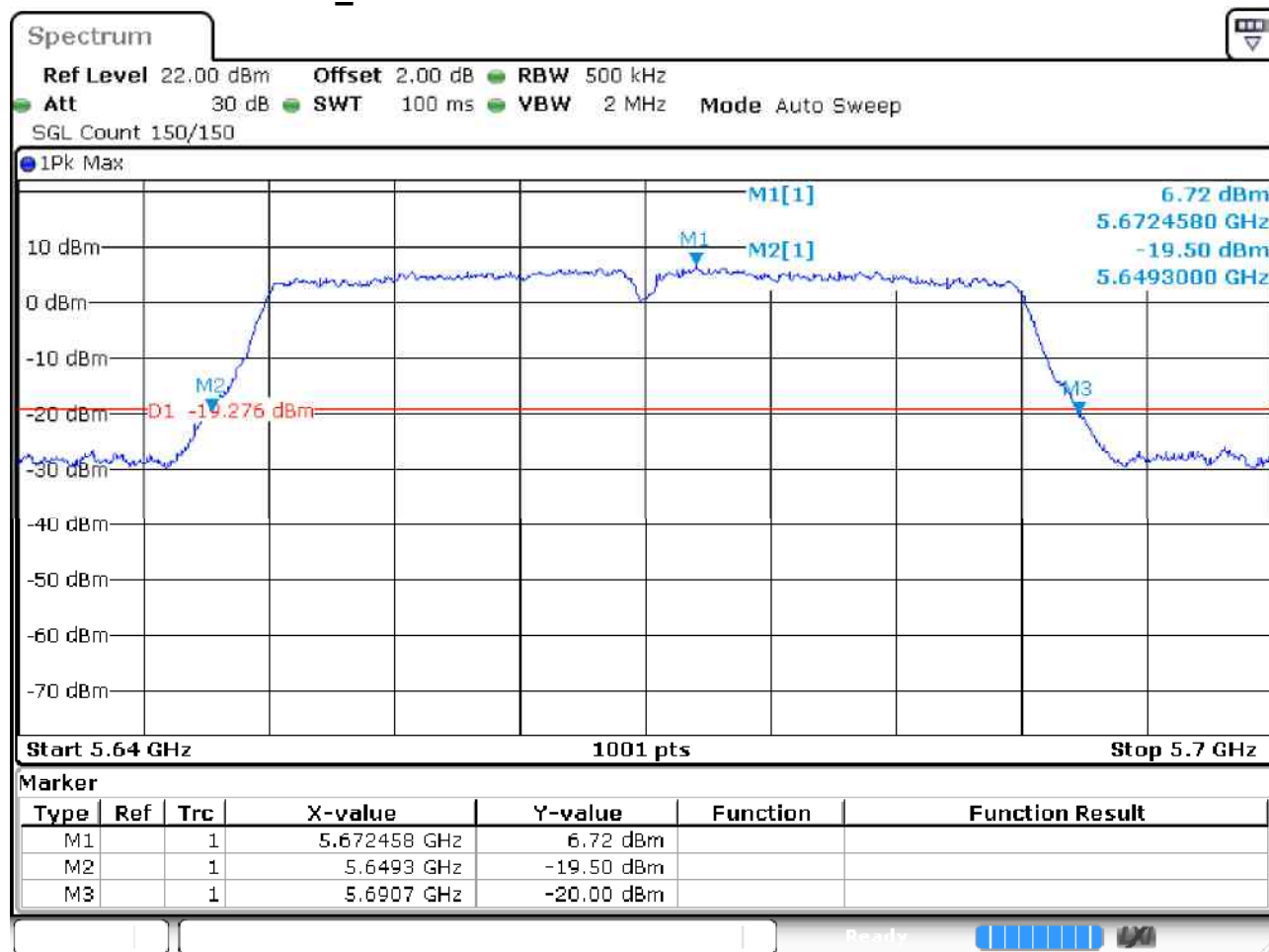


## 4.5.1.88 11N40\_134 ANT 1



Date: 5 JUN.2020 03:01:15

## 4.5.1.89 11N40\_134 ANT 2



Date: 4.JUN.2020 06:51:42



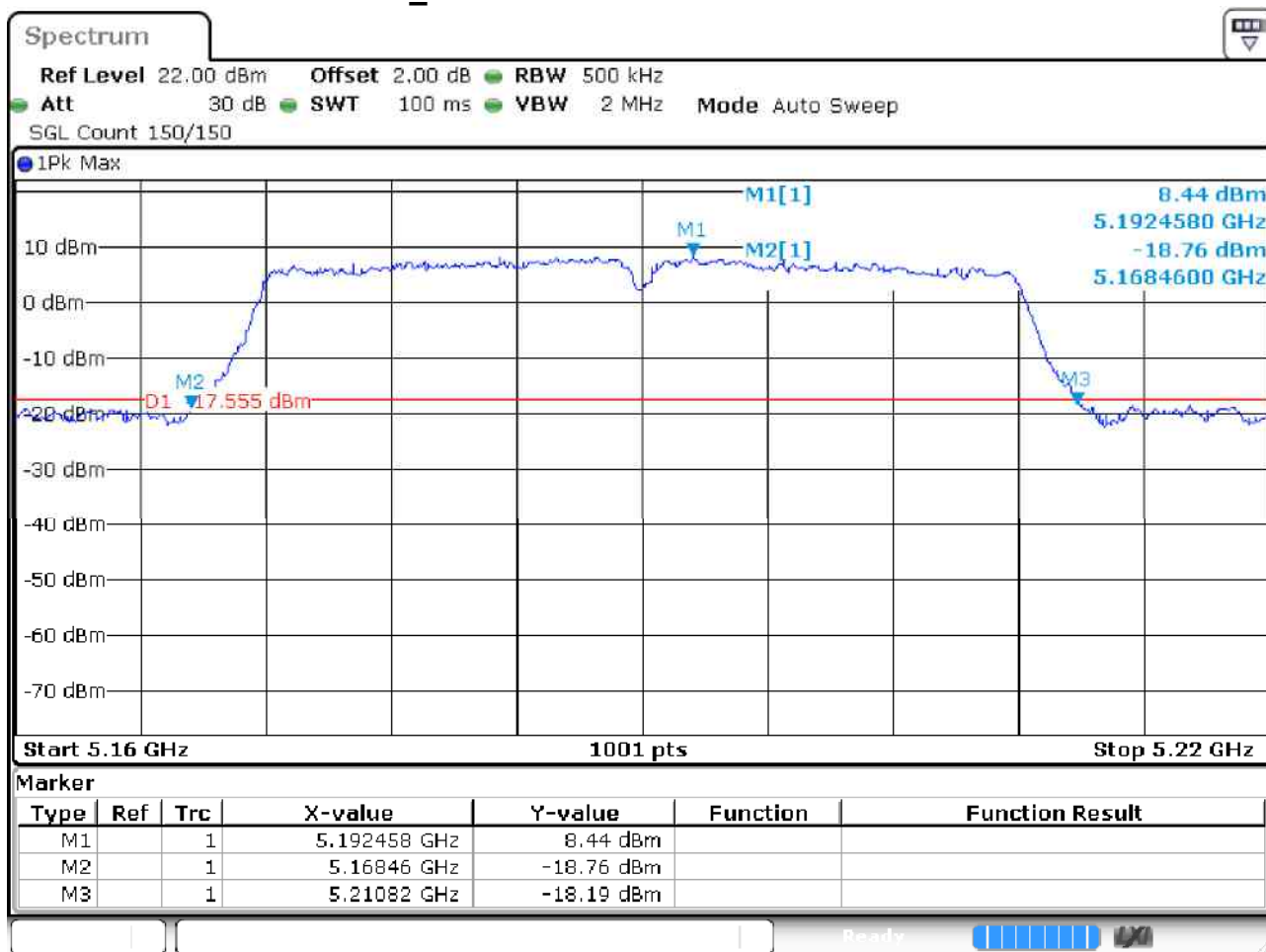
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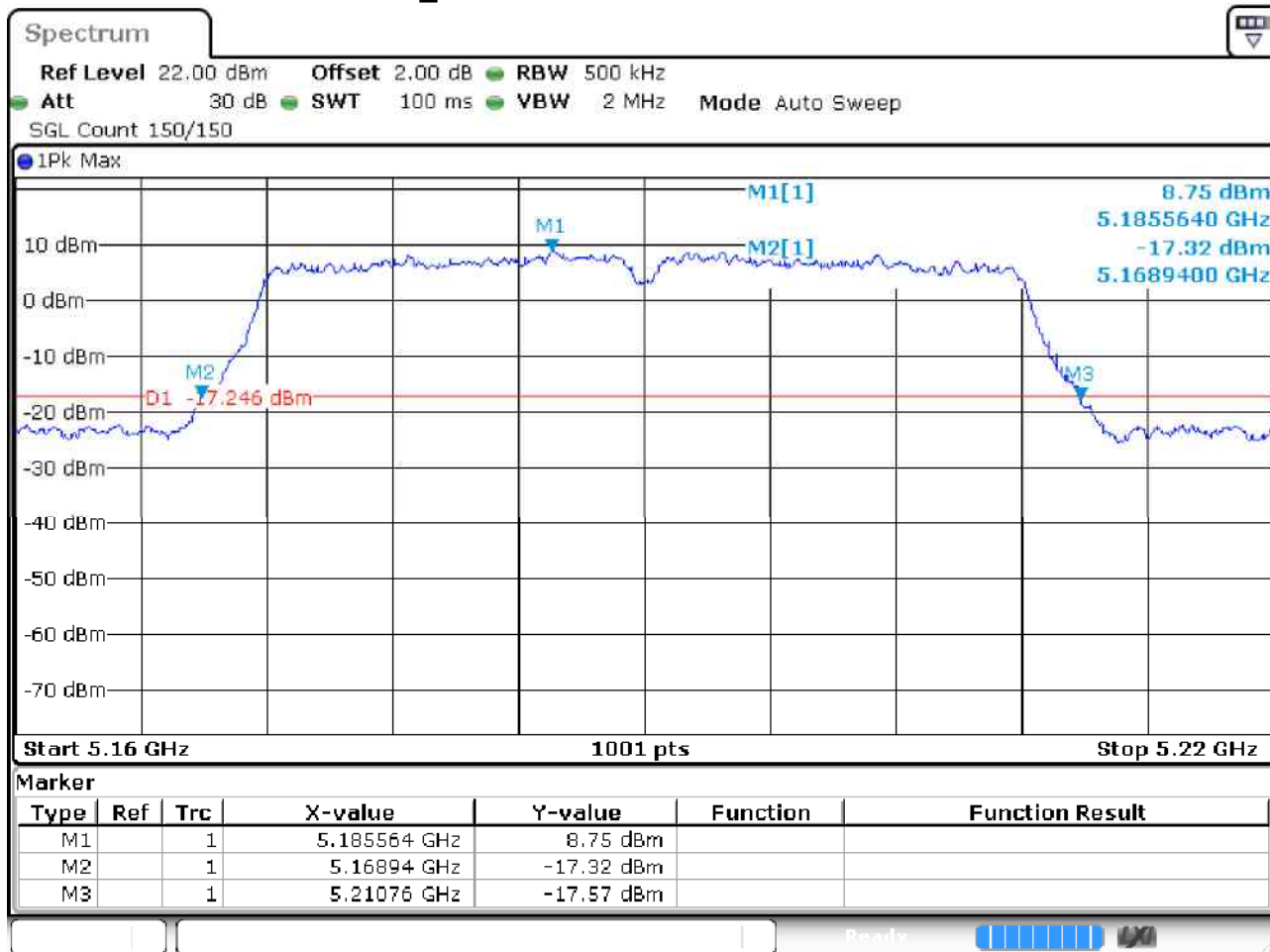
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## 4.5.1.90 11N40MIMO\_38 ANT 1



Date: 4.JUN.2020 12:41:59

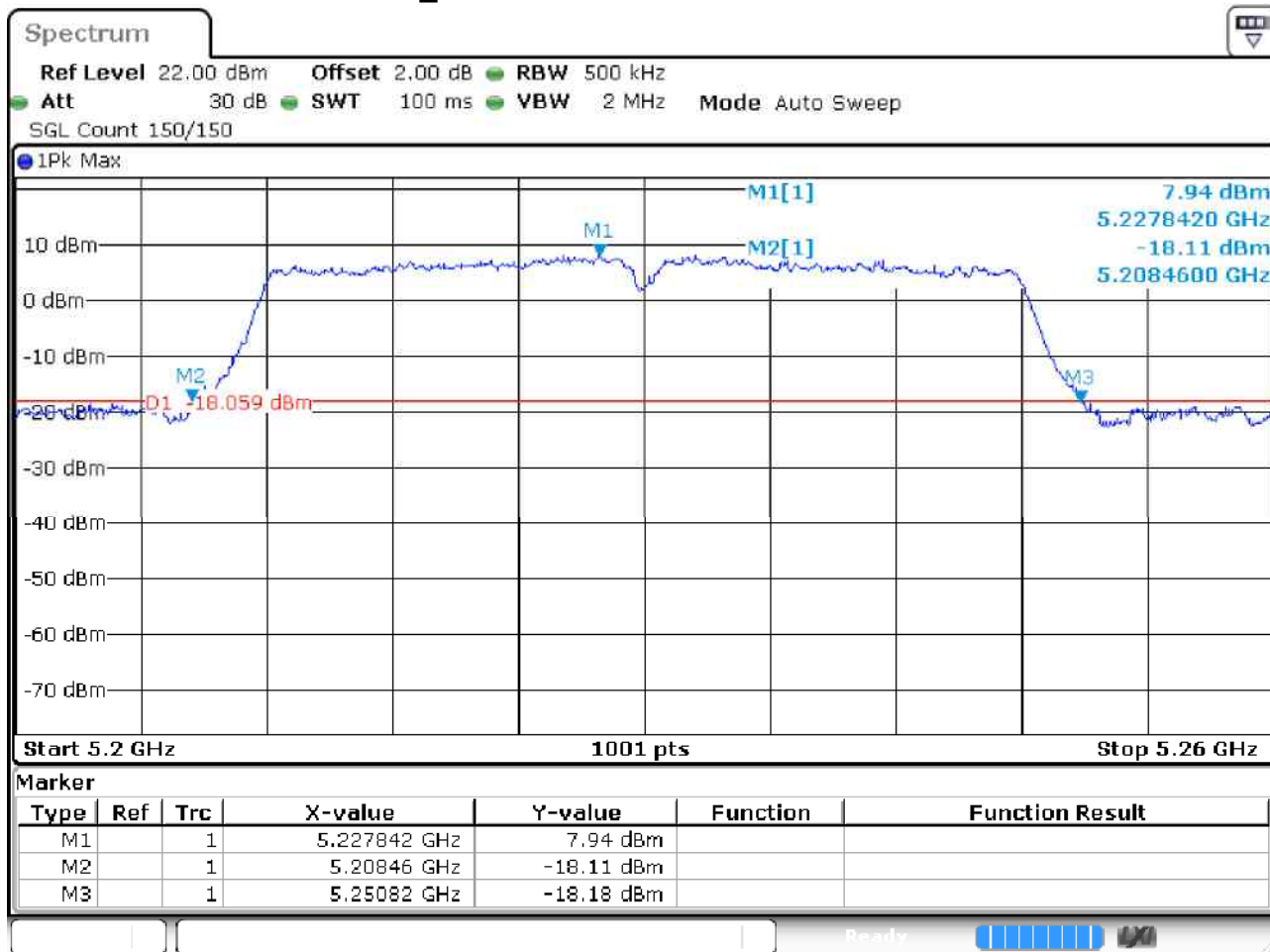
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Date: 4 JUN.2020 09:06:05

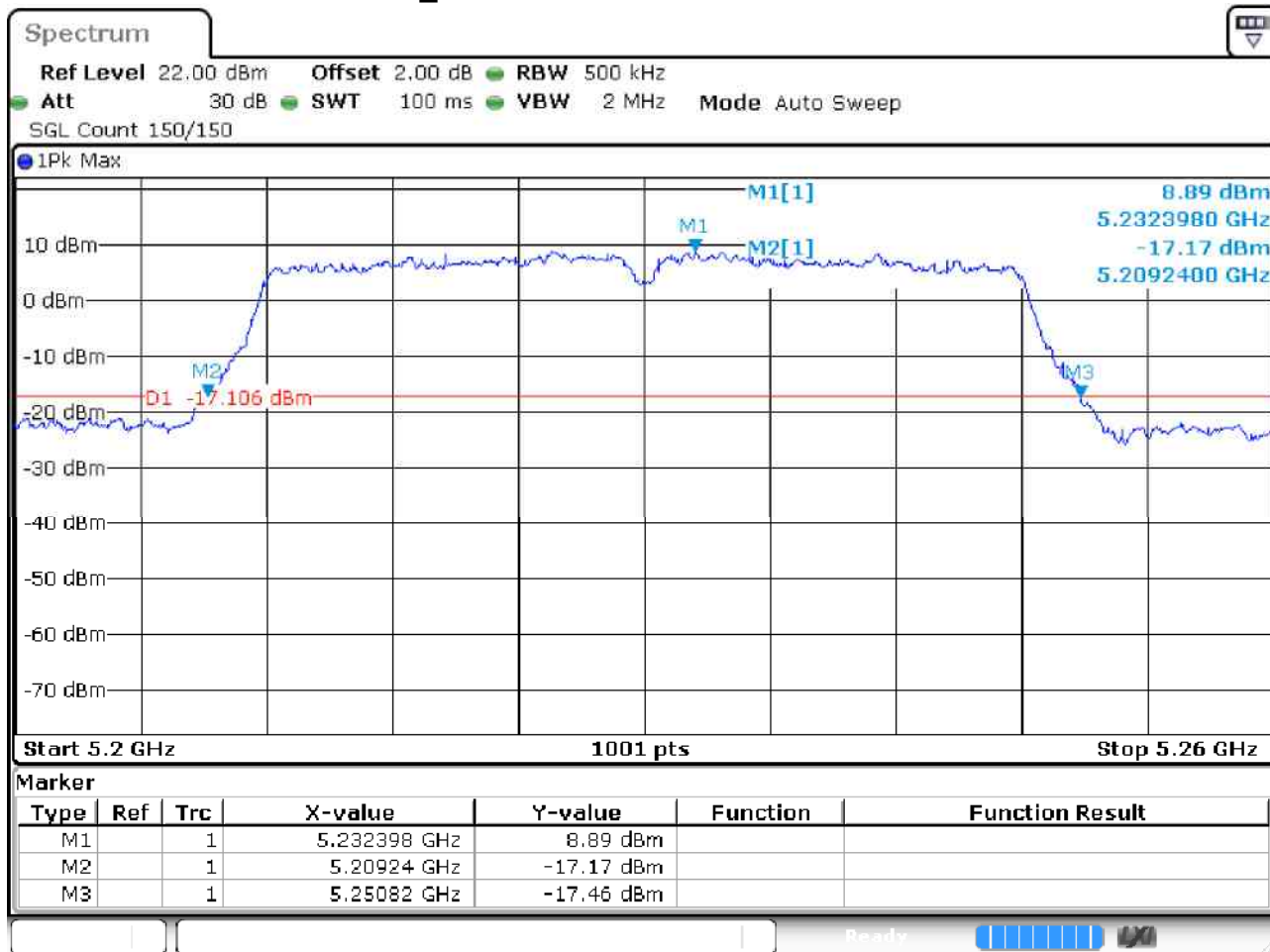


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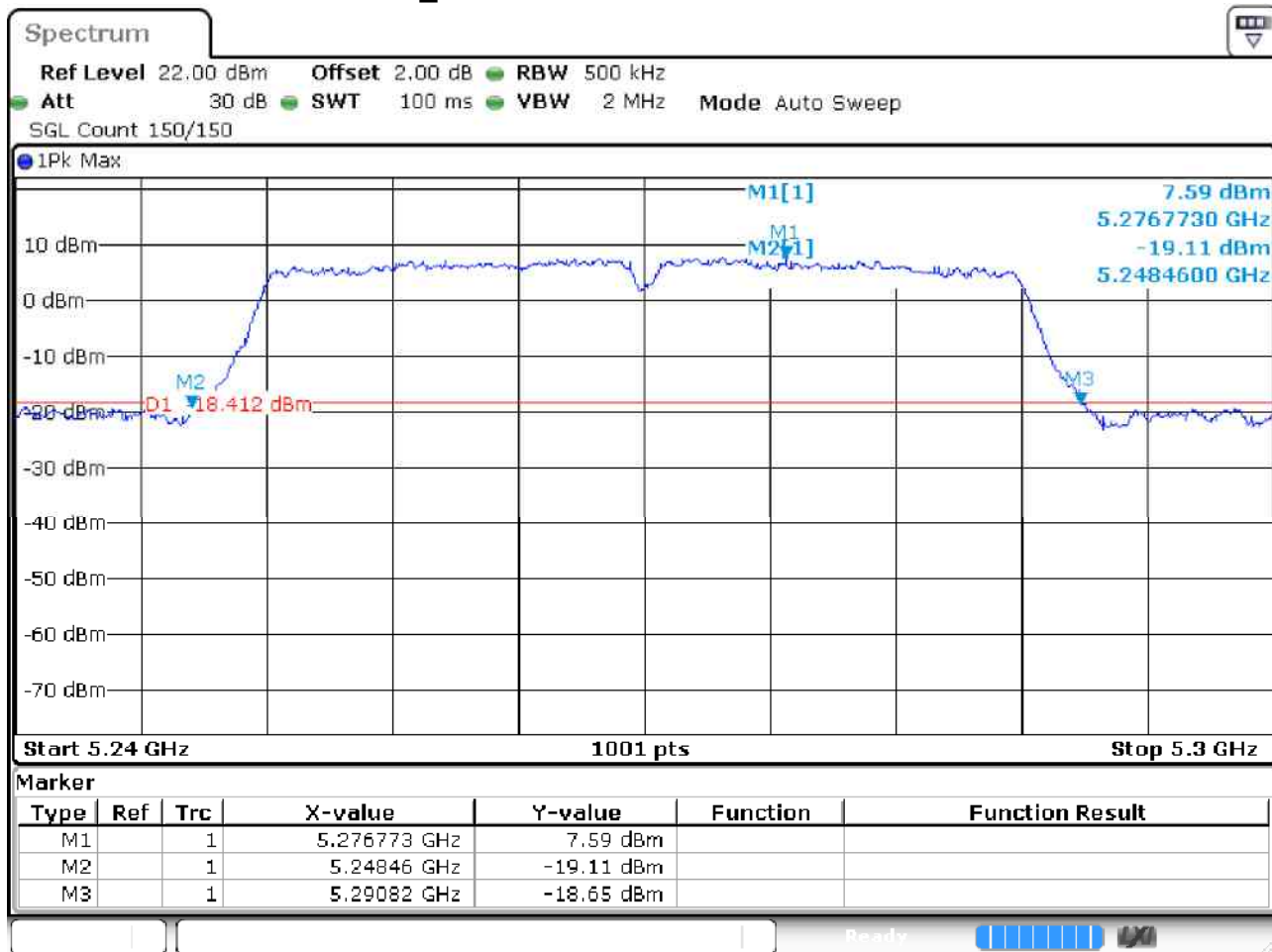
Date: 4.JUN.2020 12:43:21

## 4.5.1.93 11N40MIMO\_46 ANT 2



Date: 4.JUN.2020 09:07:57

## 4.5.1.94 11N40MIMO\_54 ANT 1



Date: 4.JUN.2020 12:47:56

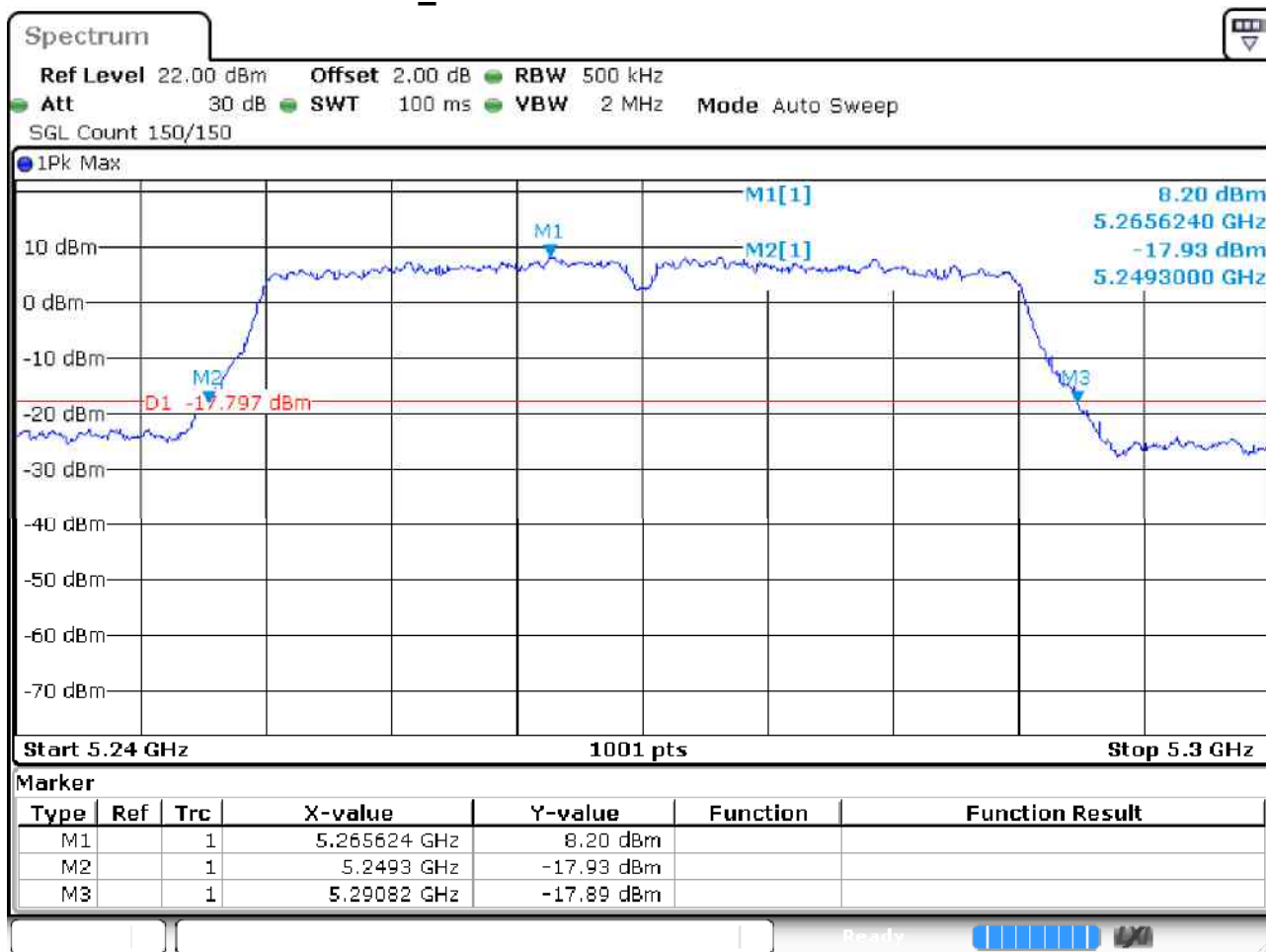


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## 4.5.1.95 11N40MIMO\_54 ANT 2



Date: 4.JUN.2020 09:09:49



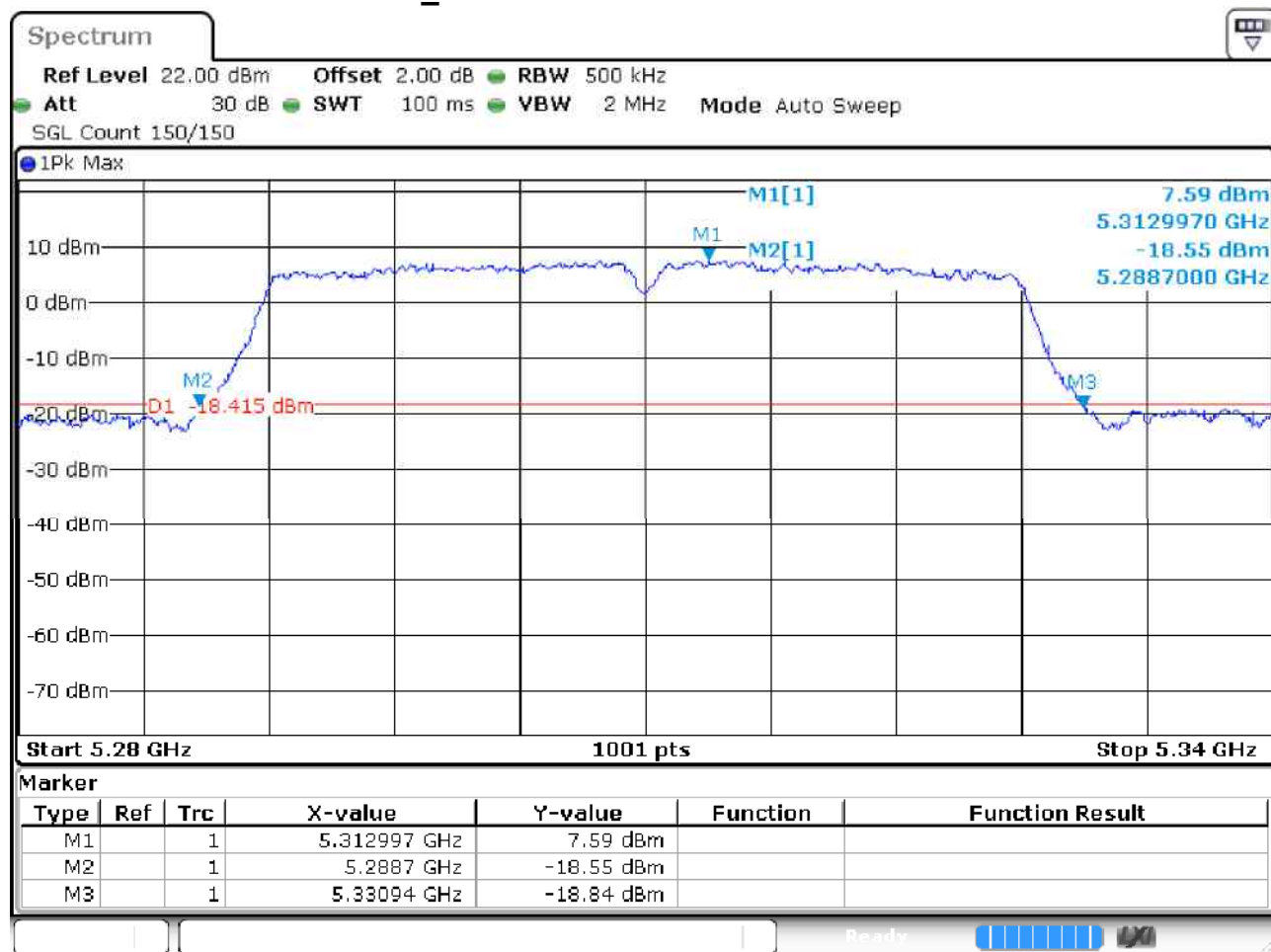
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## 4.5.1.96 11N40MIMO\_62 ANT 1



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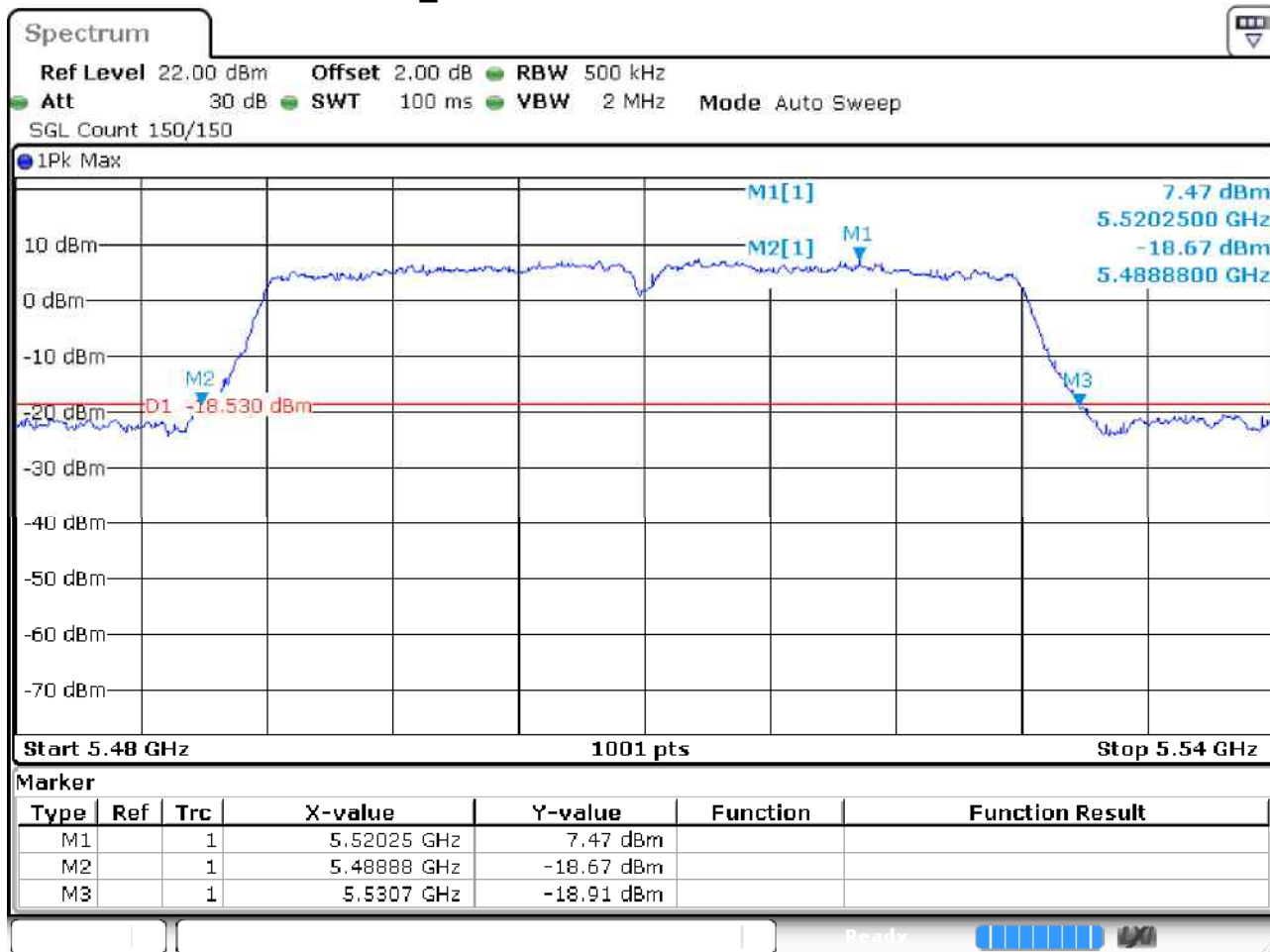
## 4.5.1.97 11N40MIMO\_62 ANT 2



Date: 4.JUN.2020 09:13:40

## 4.5.1.98

## 11N40MIMO\_102 ANT 1



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## 4.5.1.99 11N40MIMO\_102 ANT 2



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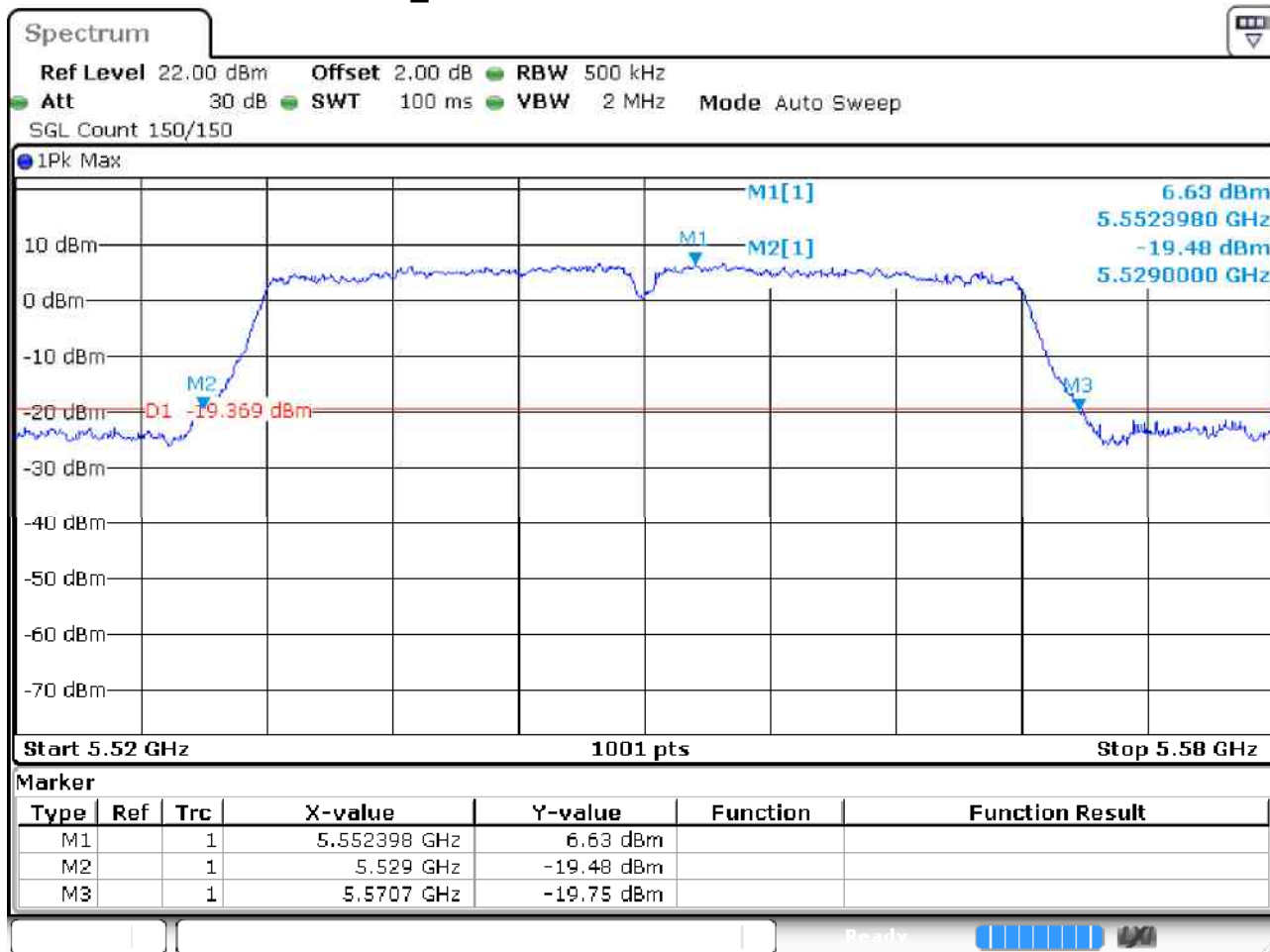
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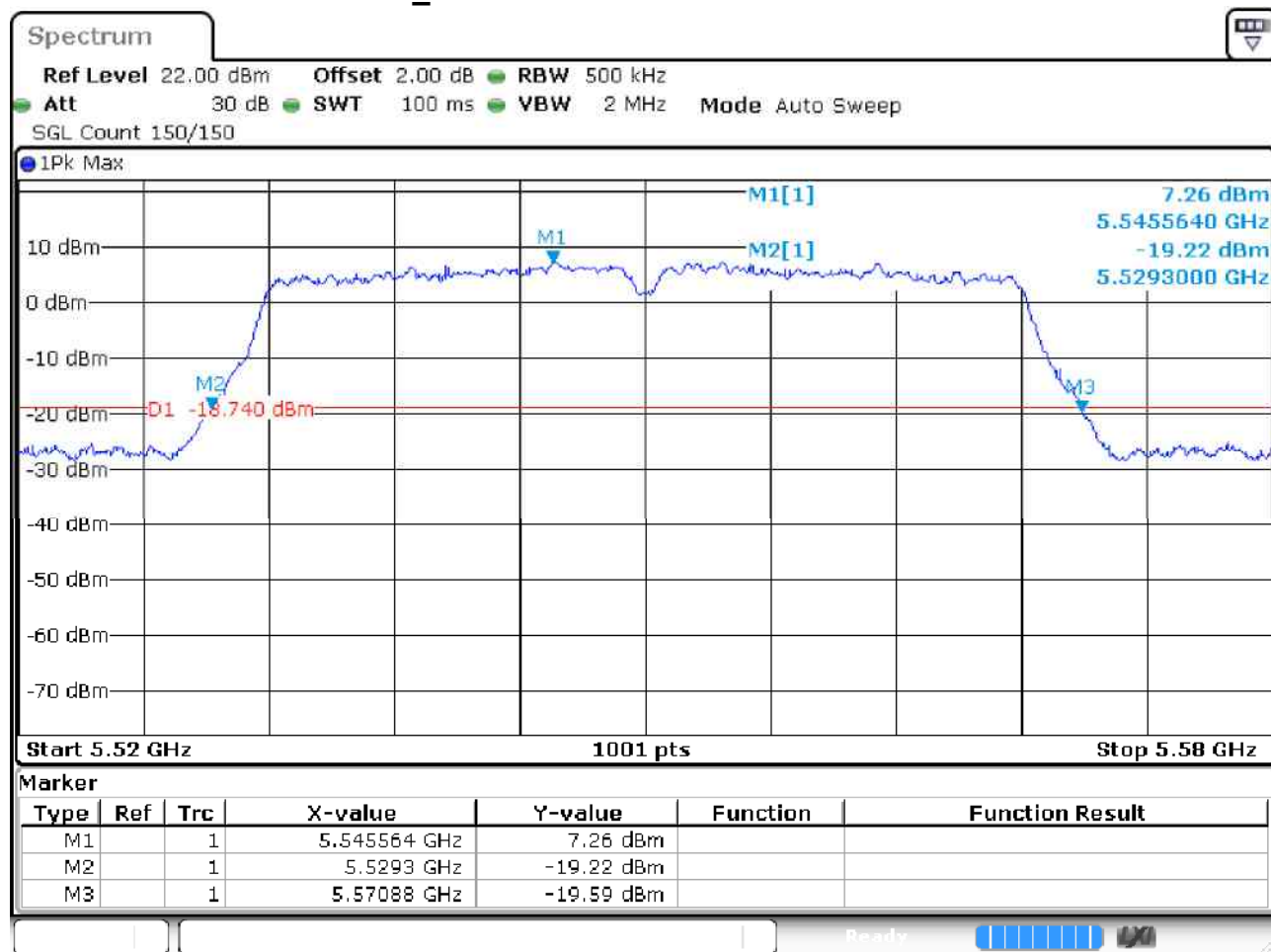


## 4.5.1.100 11N40MIMO\_110 ANT 1



Date: 4.JUN.2020 12:52:19

## 4.5.1.101 11N40MIMO\_110 ANT 2



Date: 4.JUN.2020 09:20:30



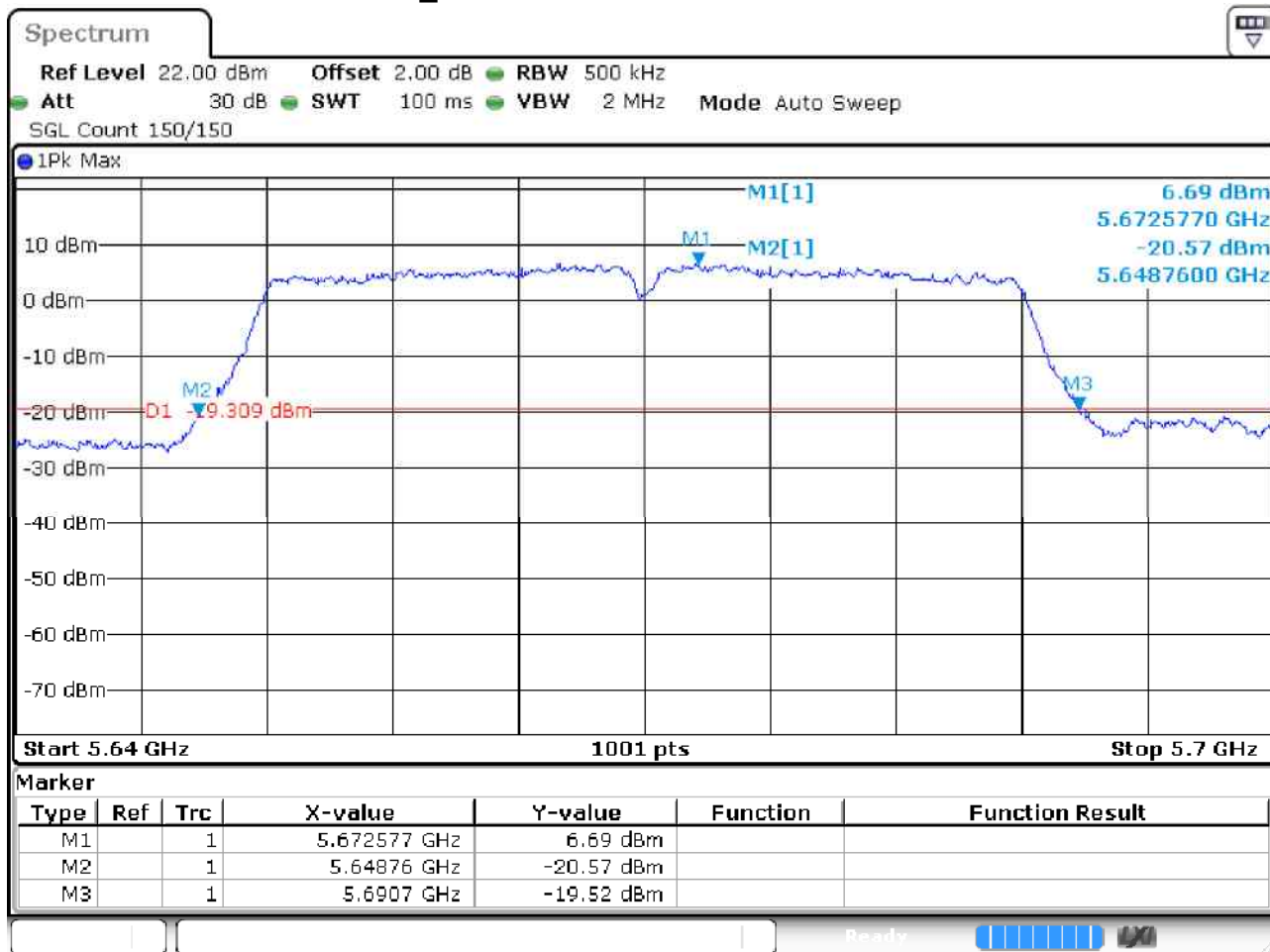
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## 4.5.1.102 11N40MIMO\_134 ANT 1



Date: 4.JUN.2020 12:53:37



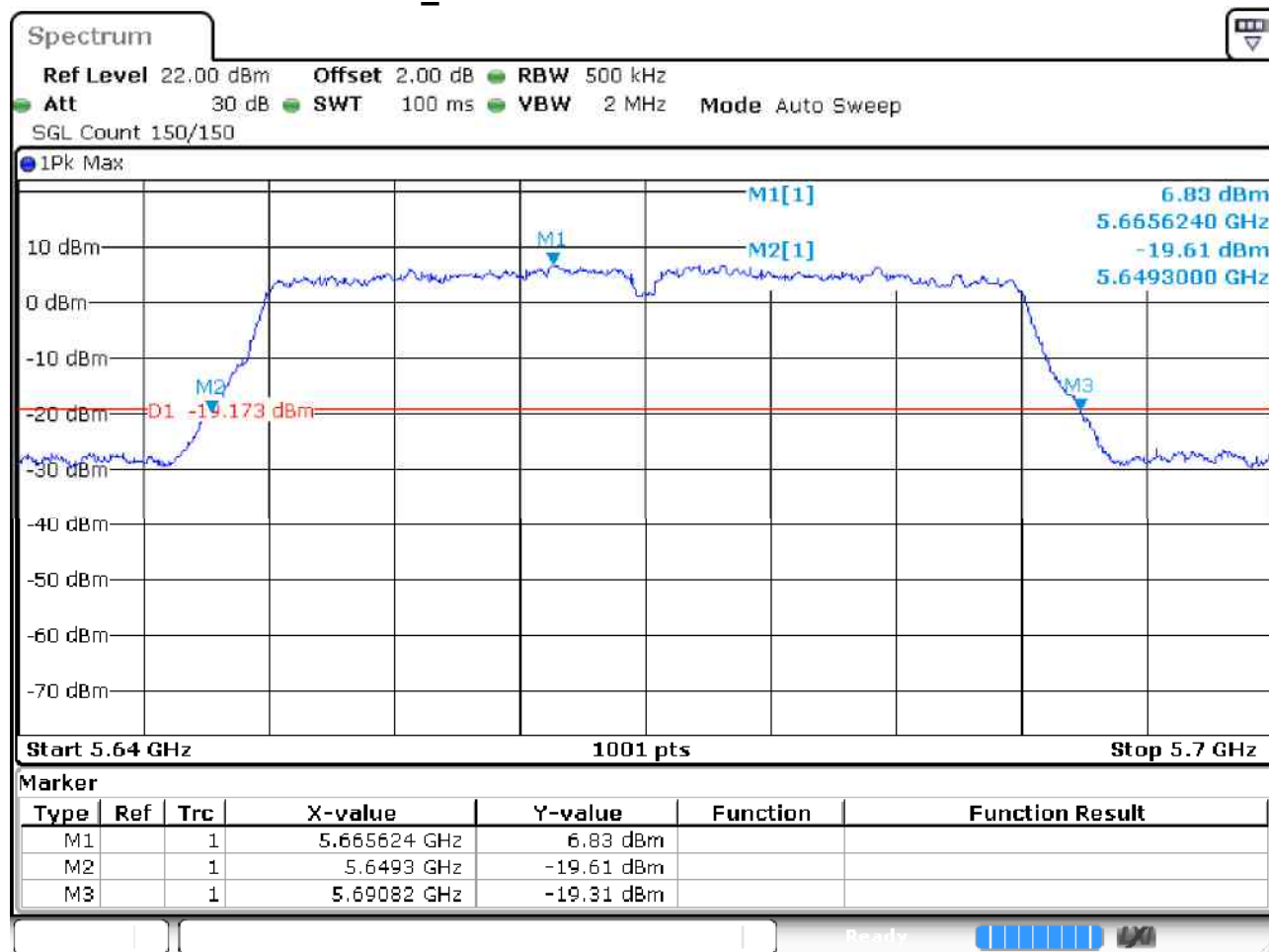
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Date: 4.JUN.2020 09:22:56

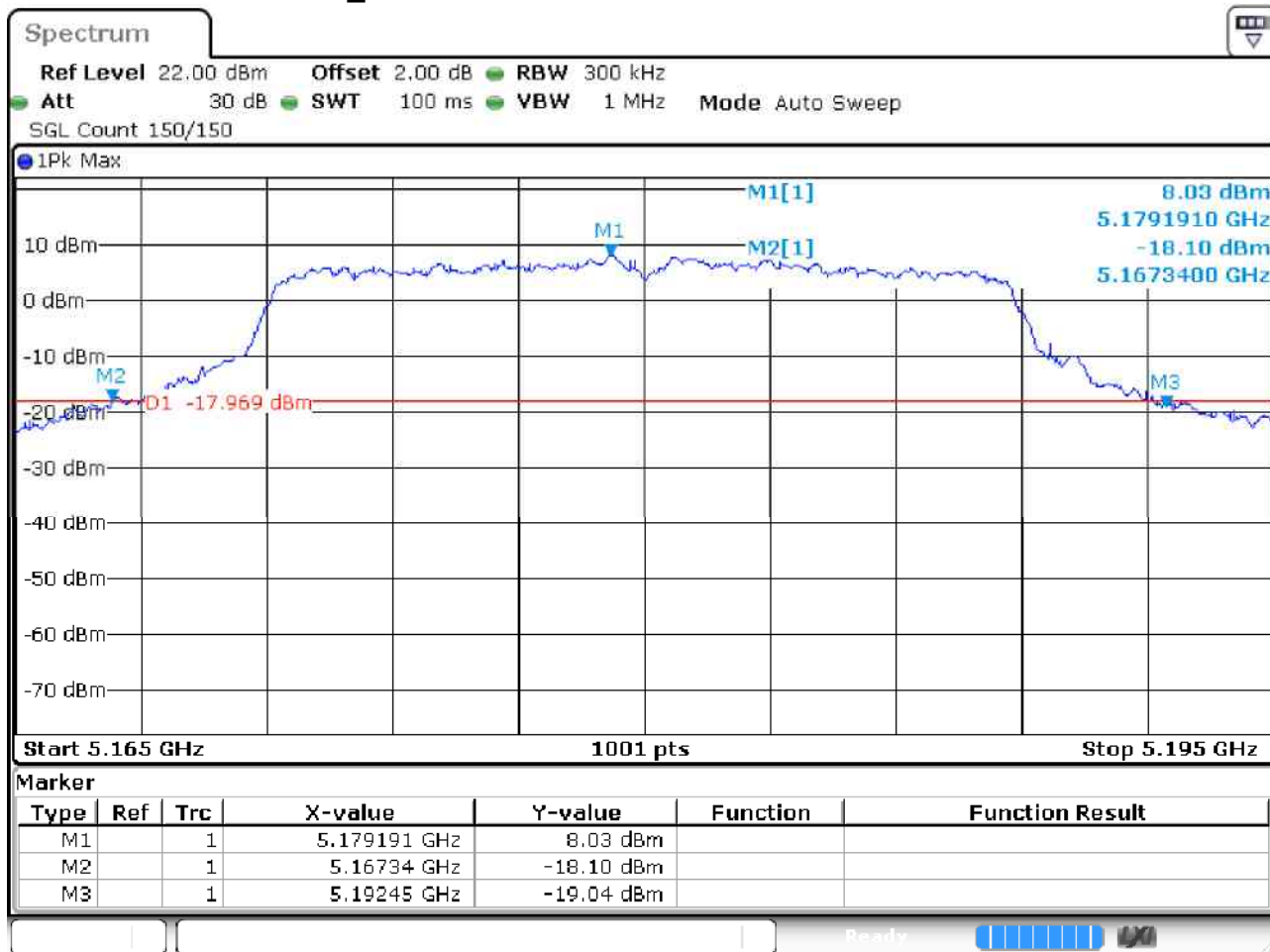


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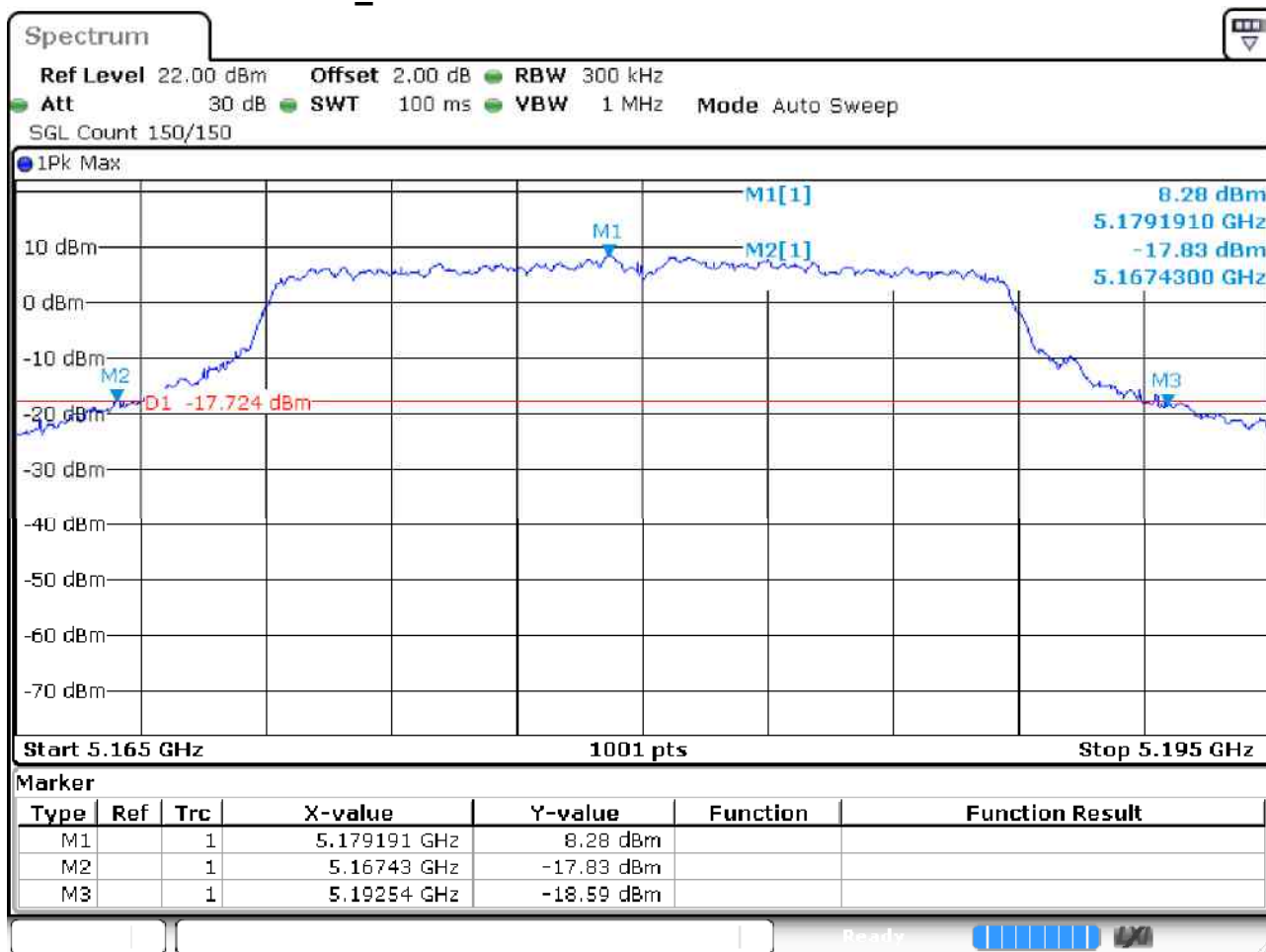


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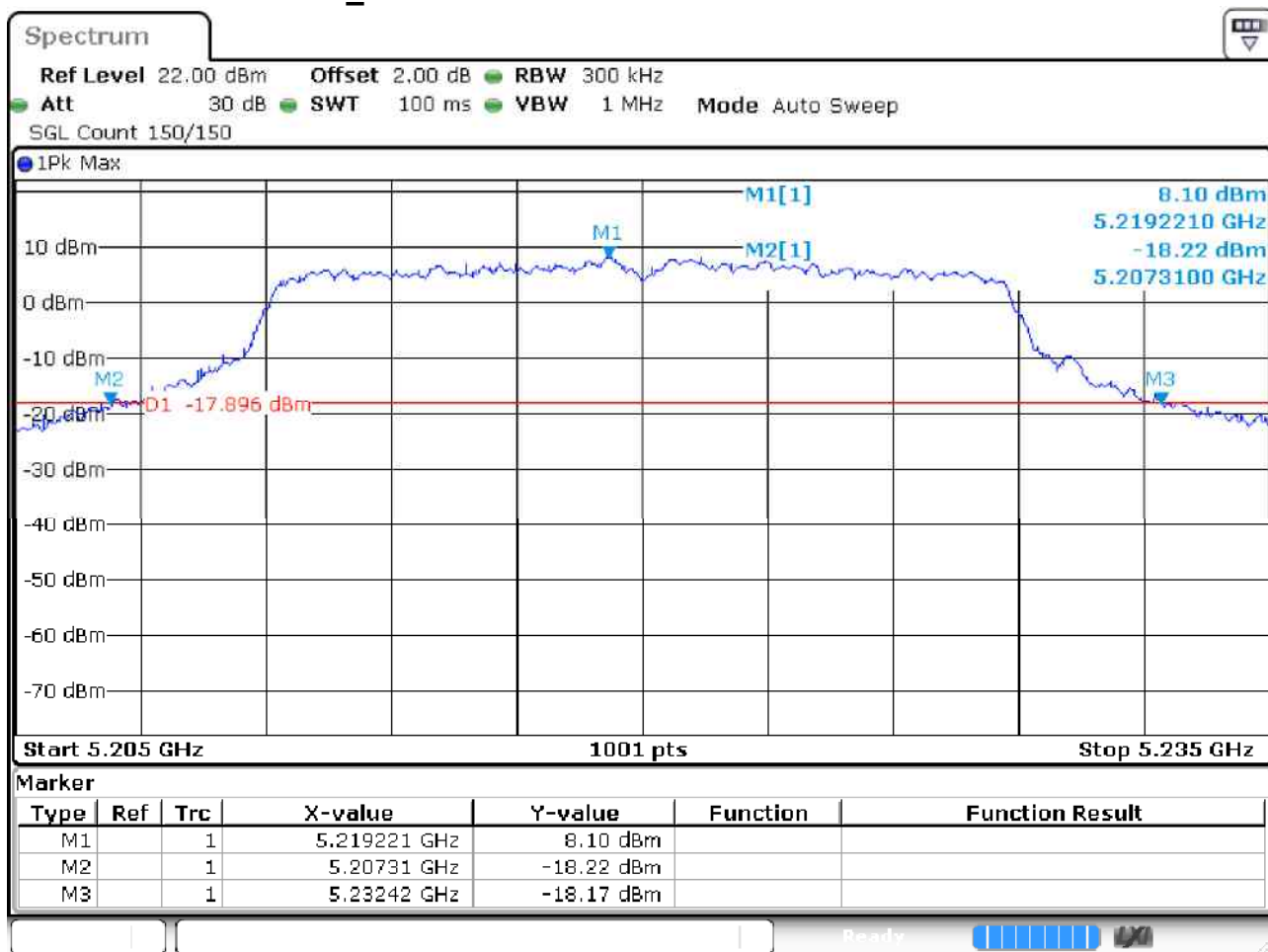
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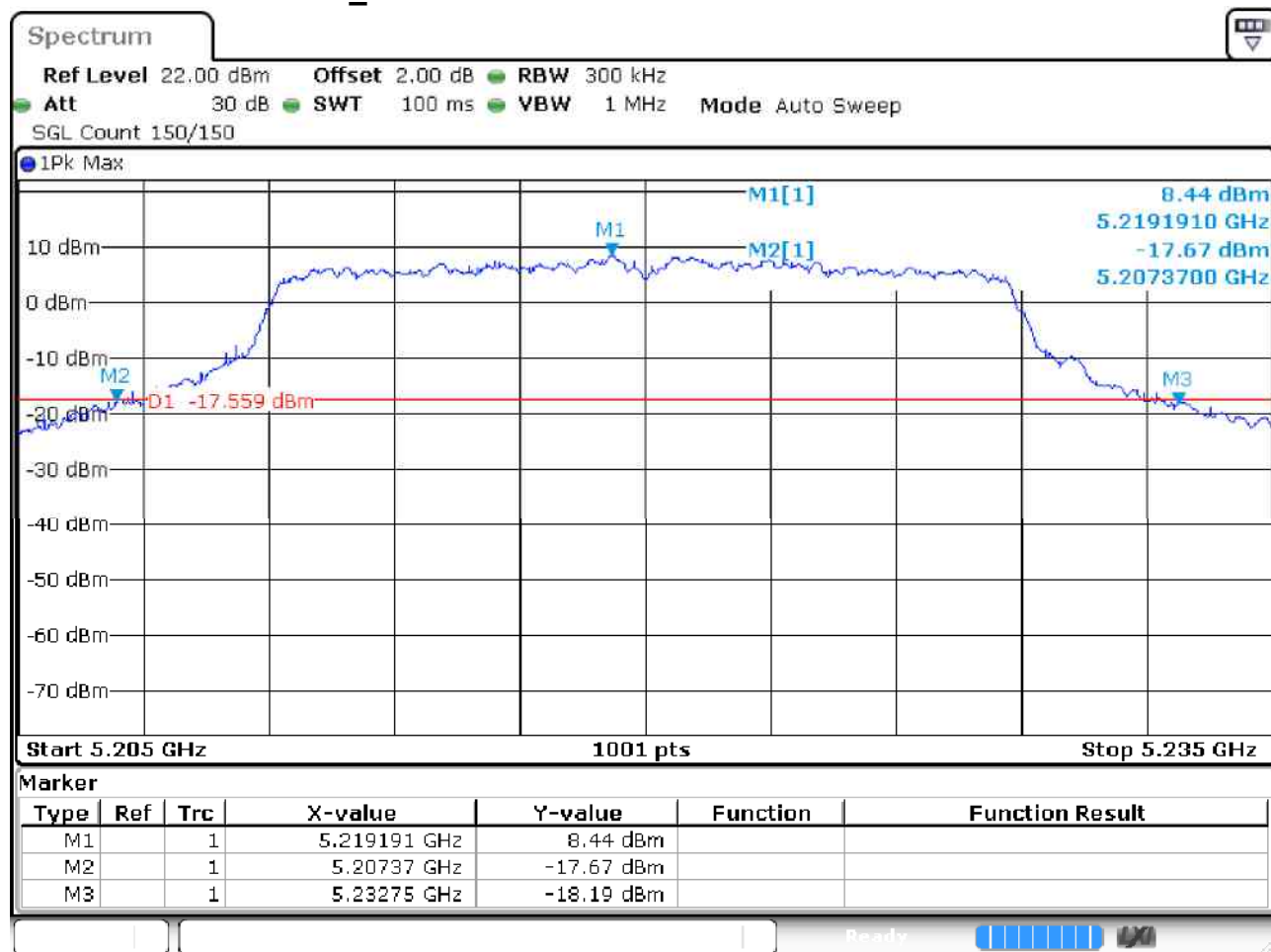
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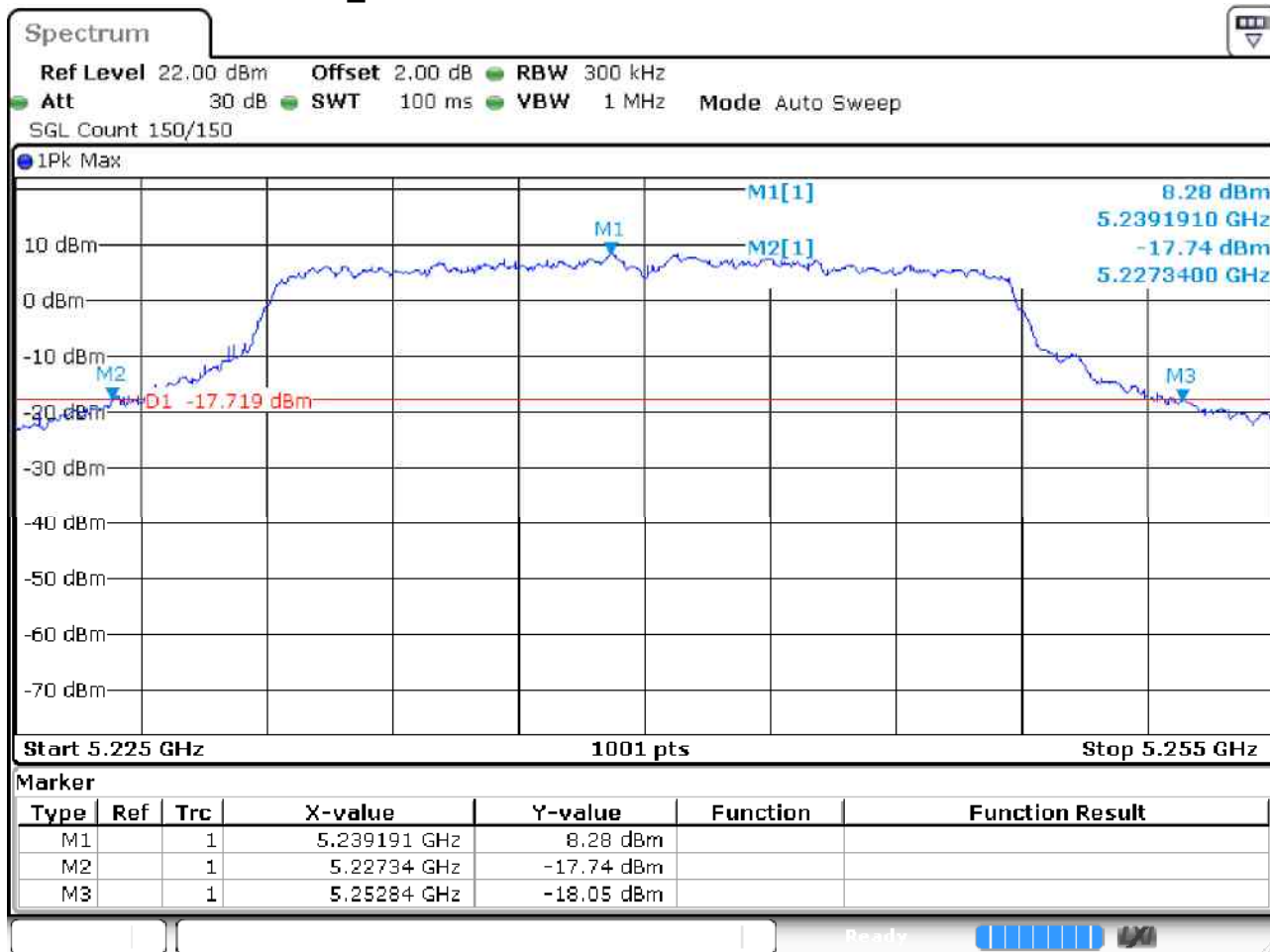
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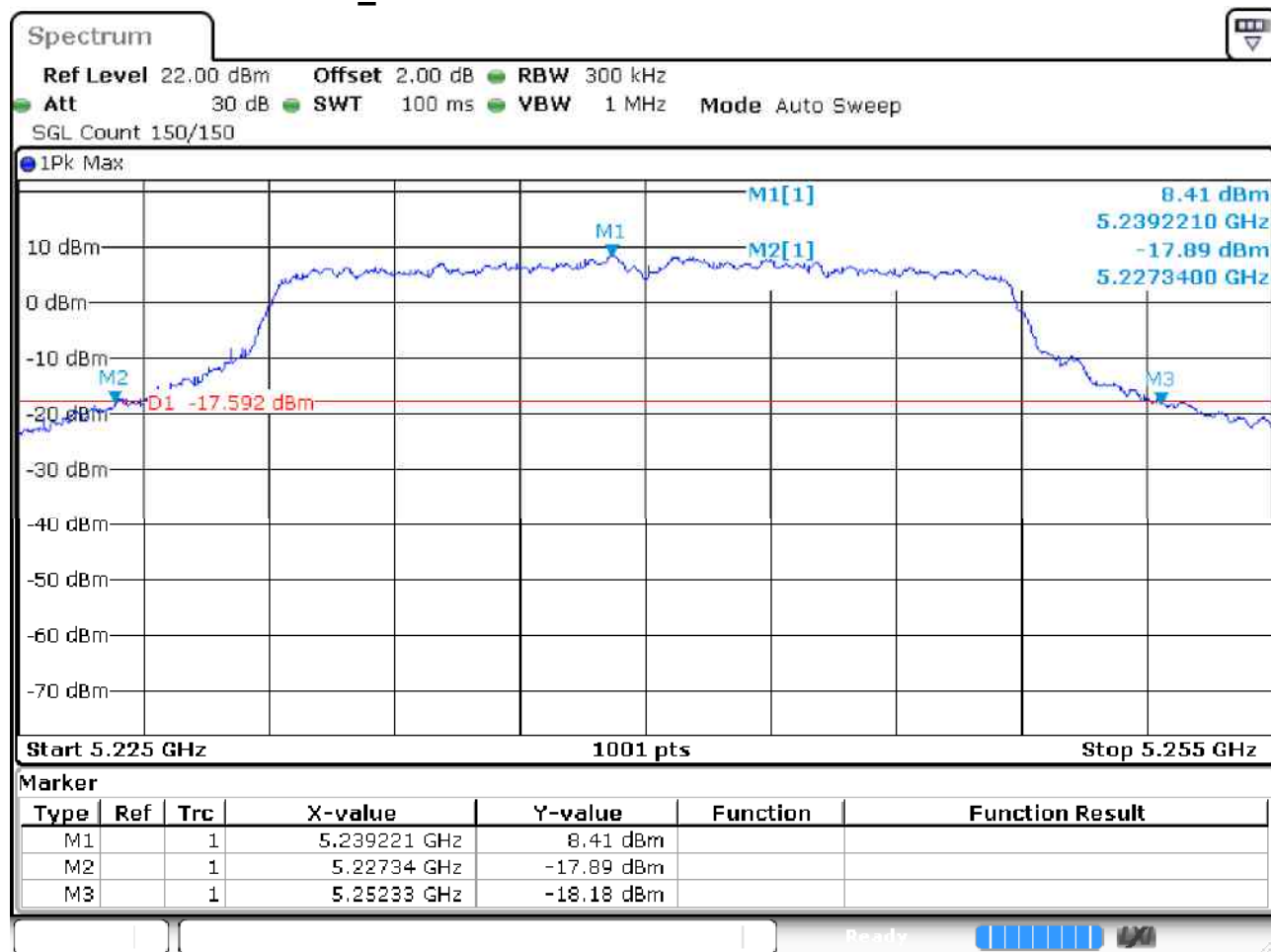


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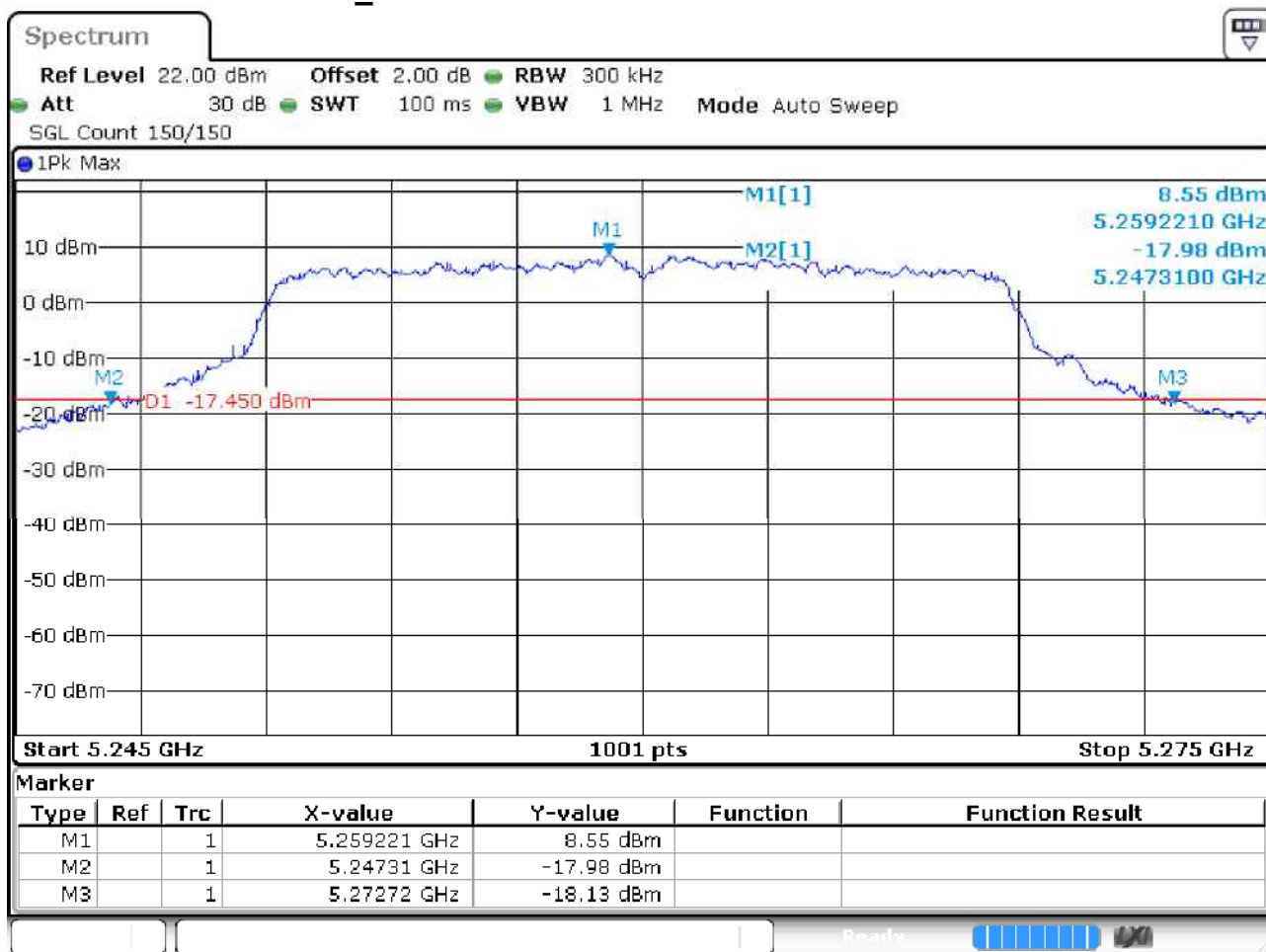
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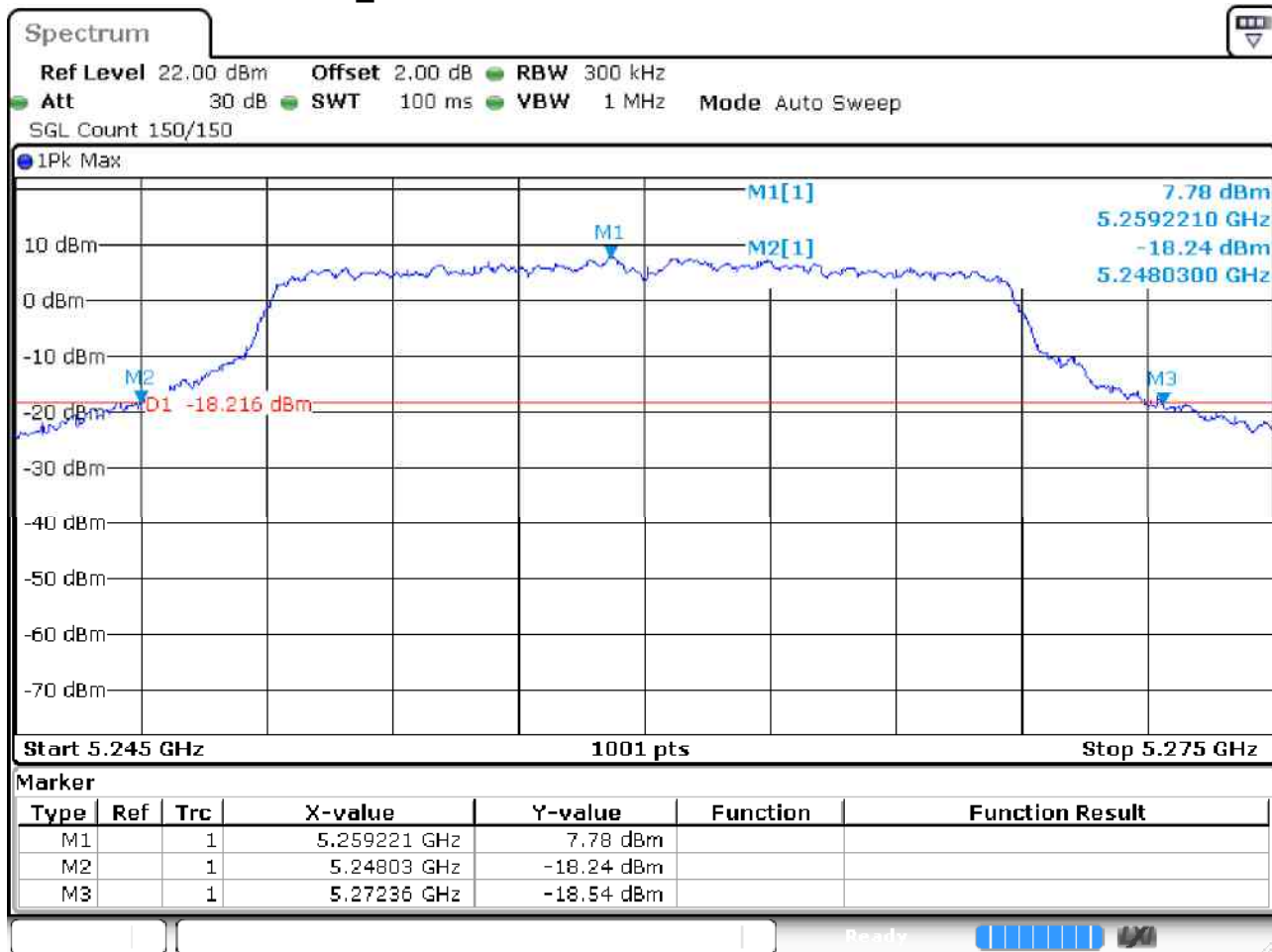
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Date: 5 JUN.2020 03:17:29

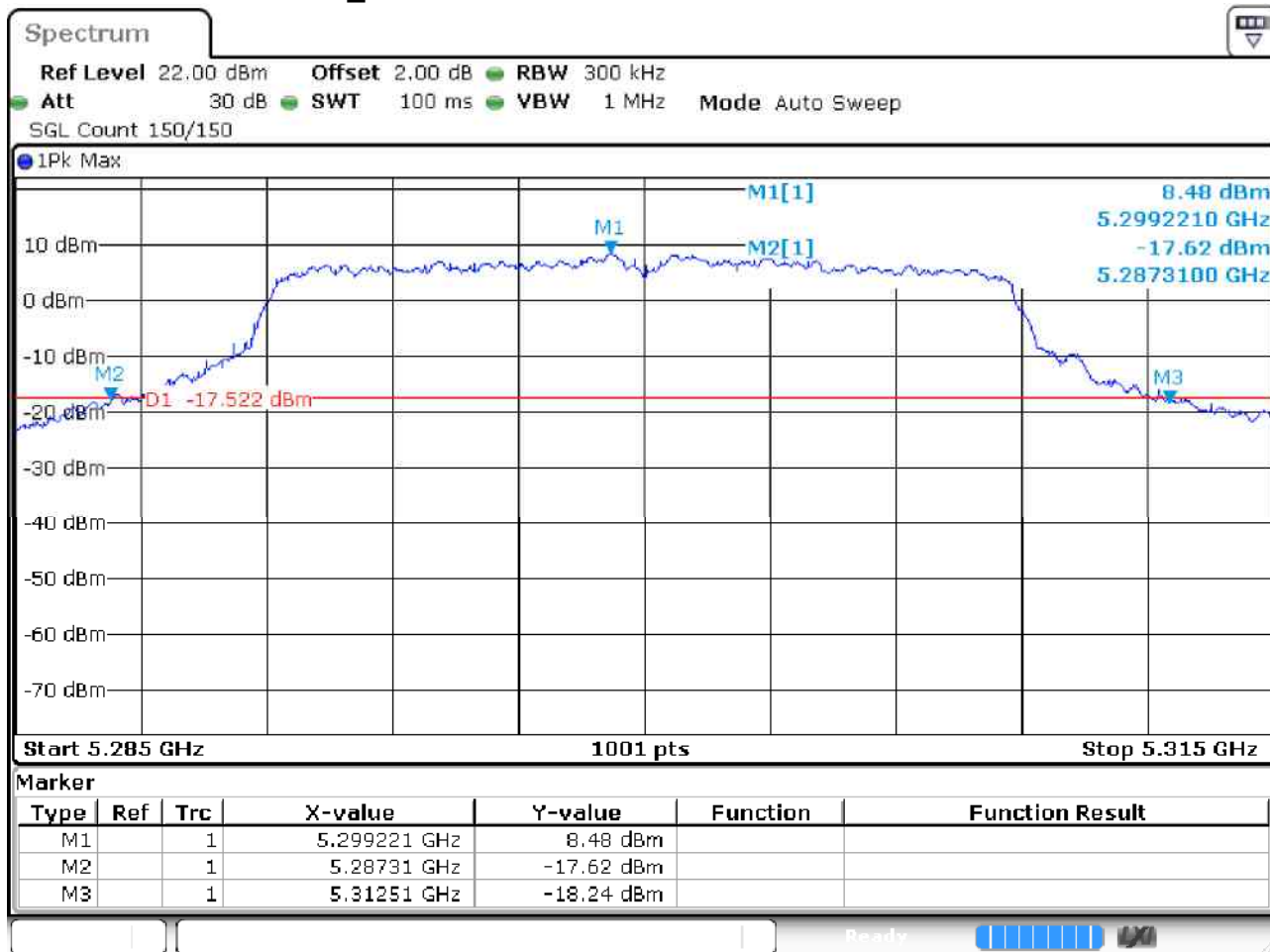
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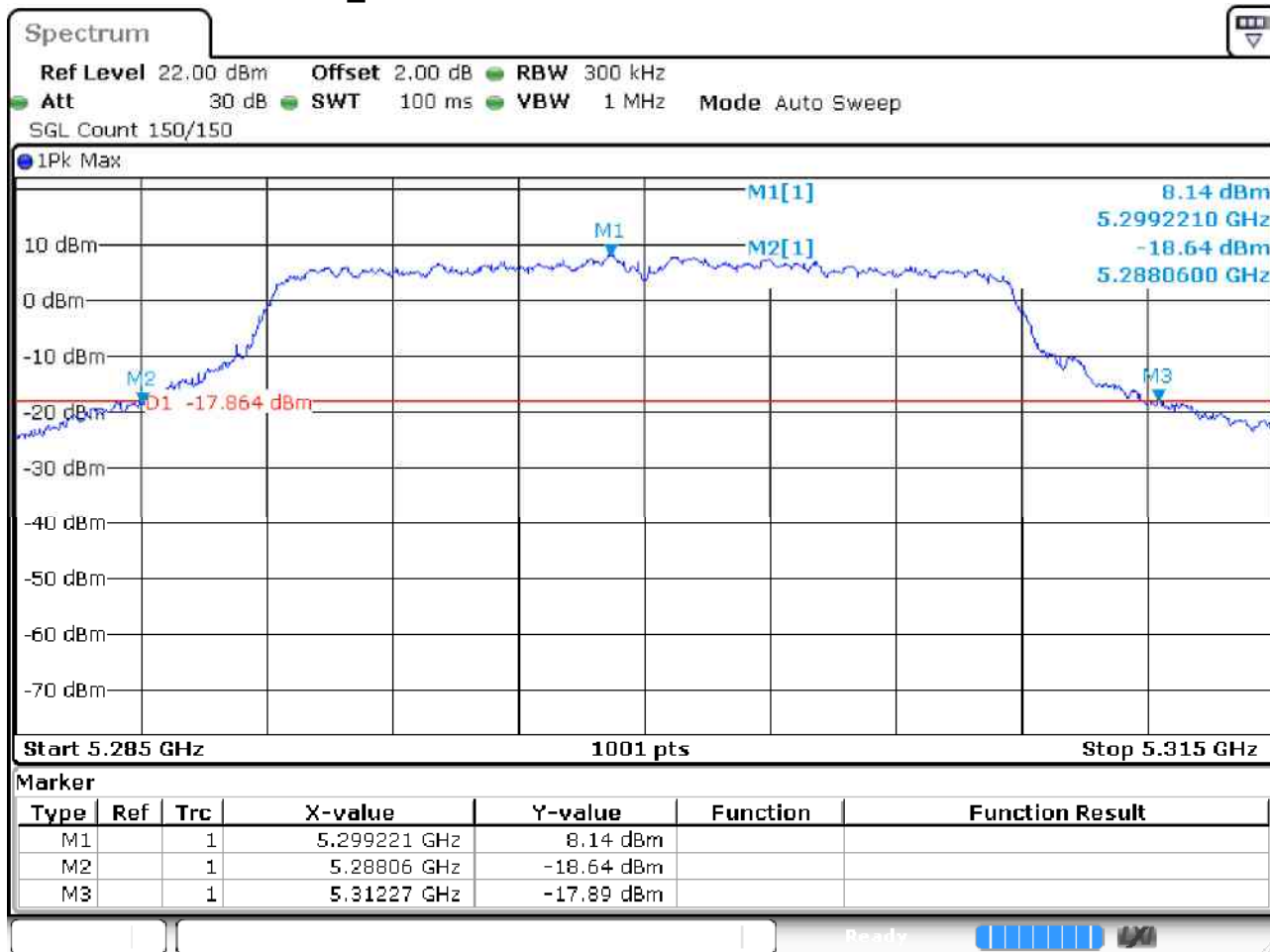


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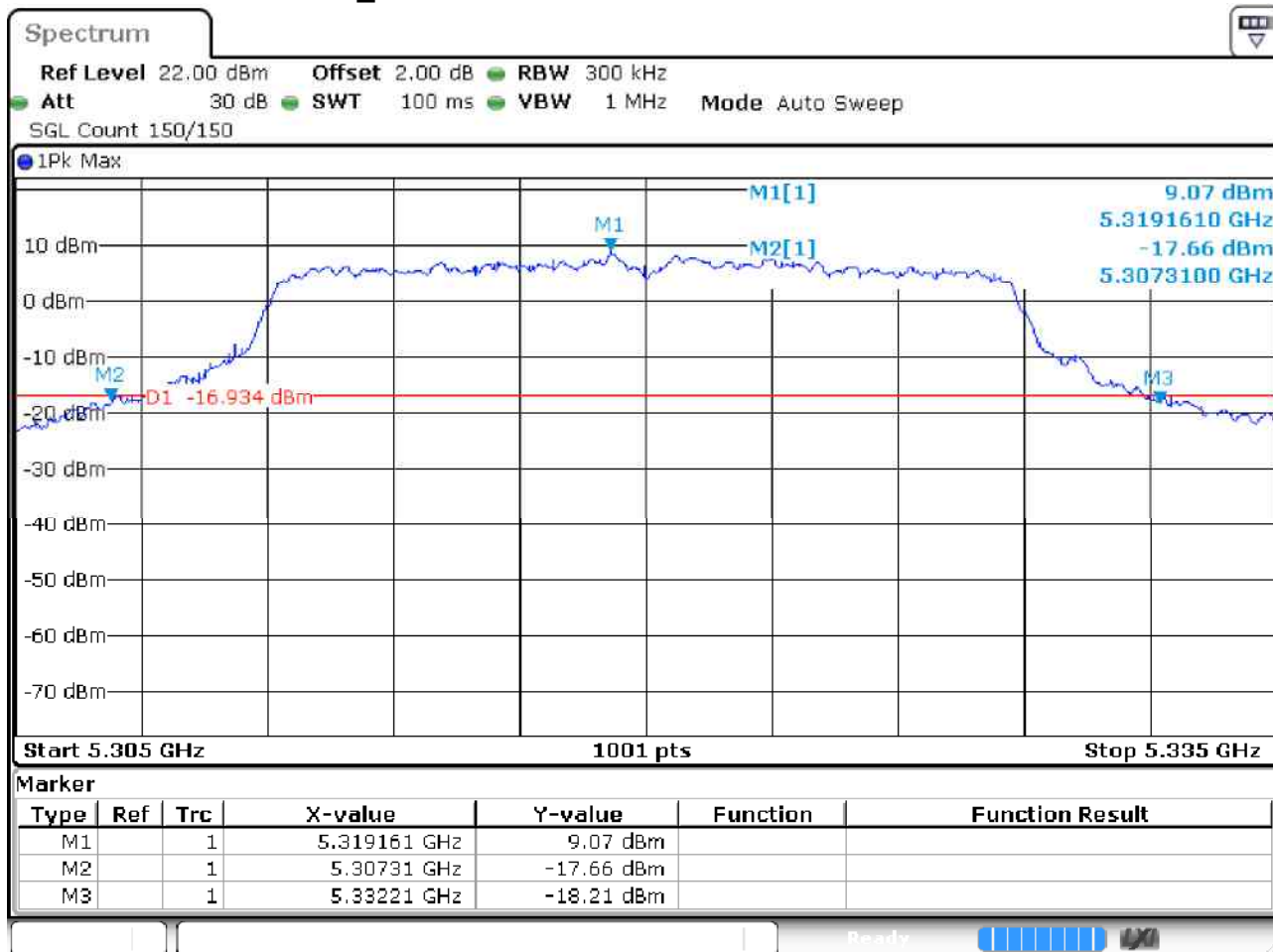
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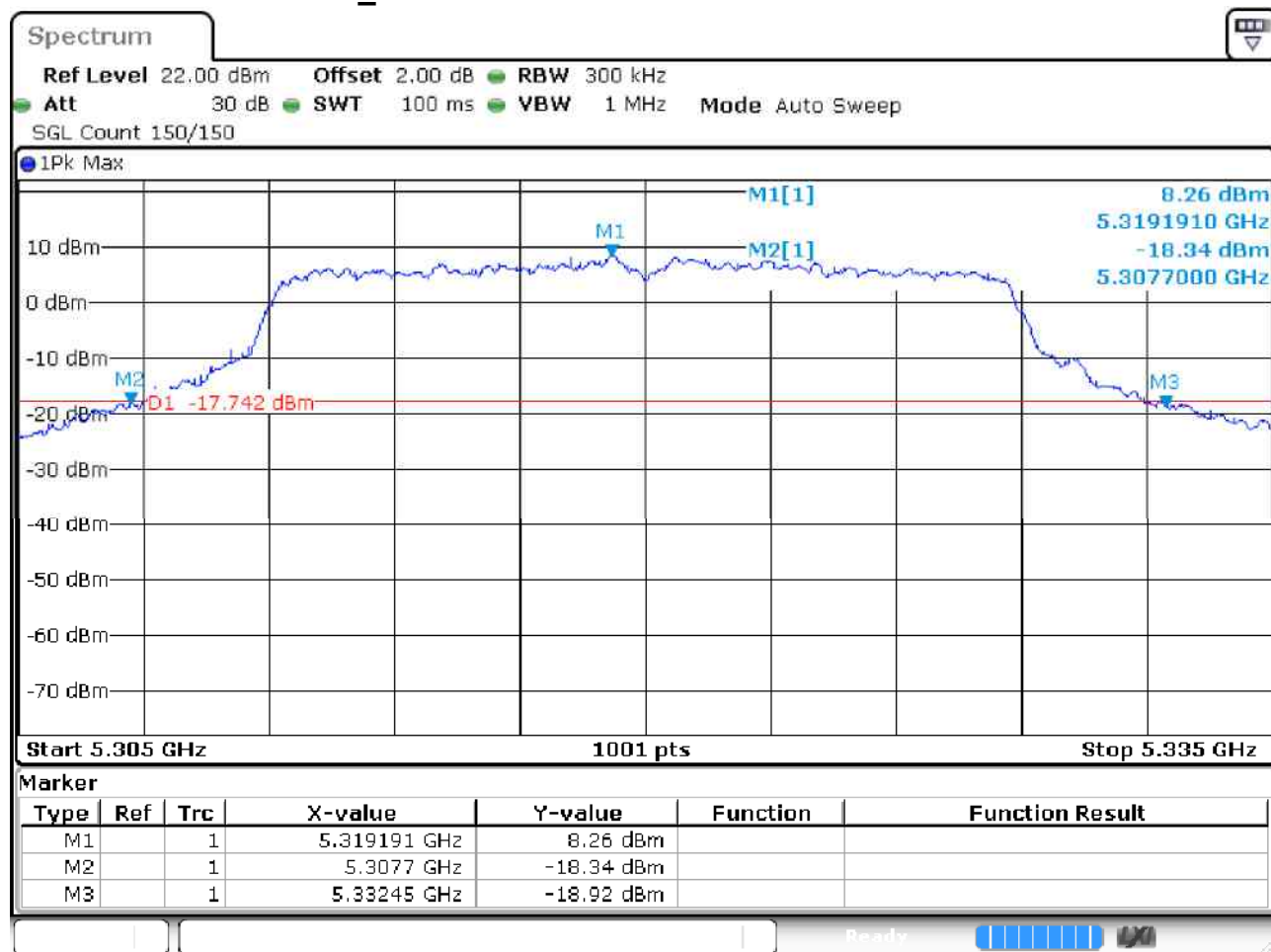
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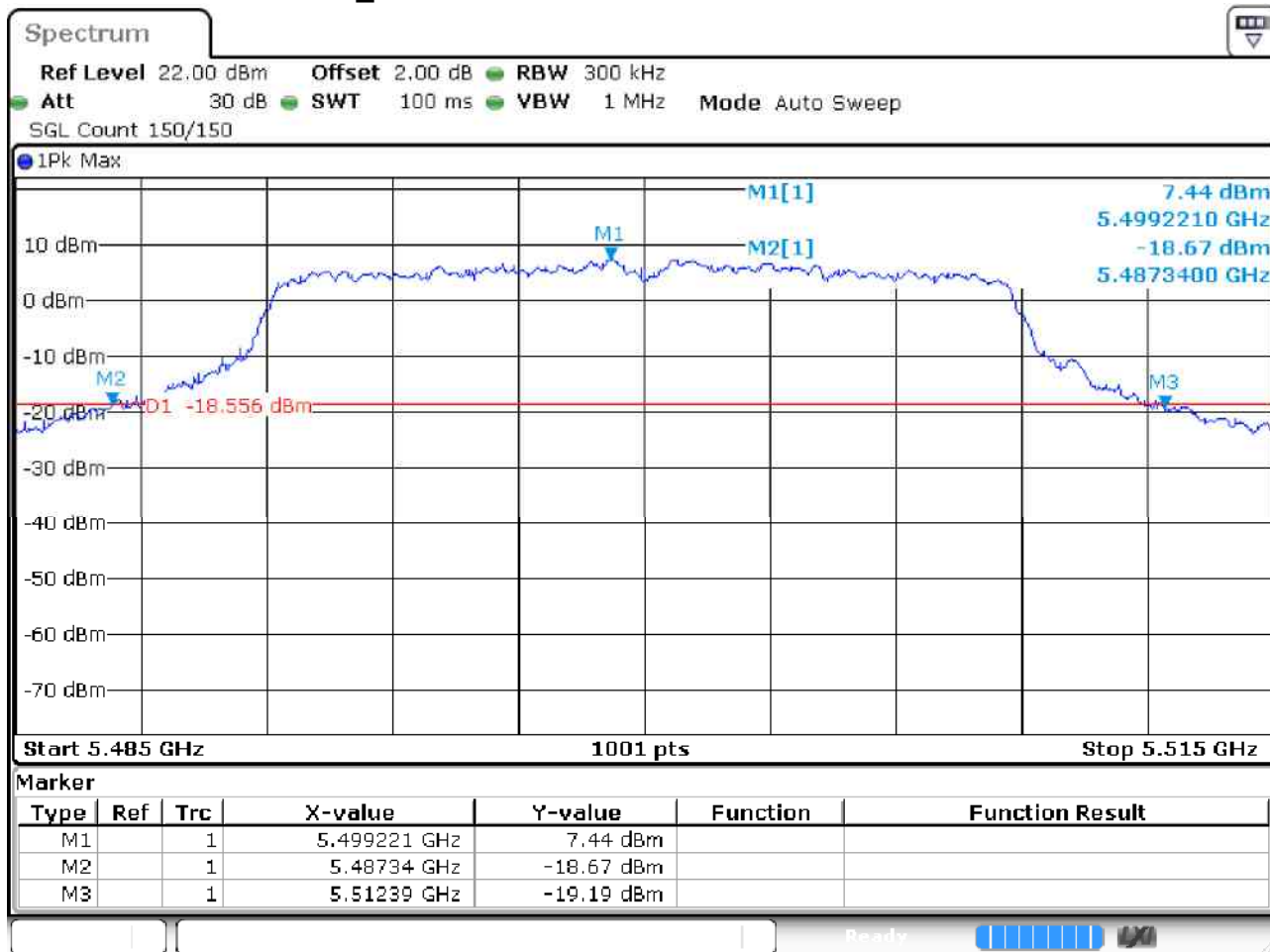
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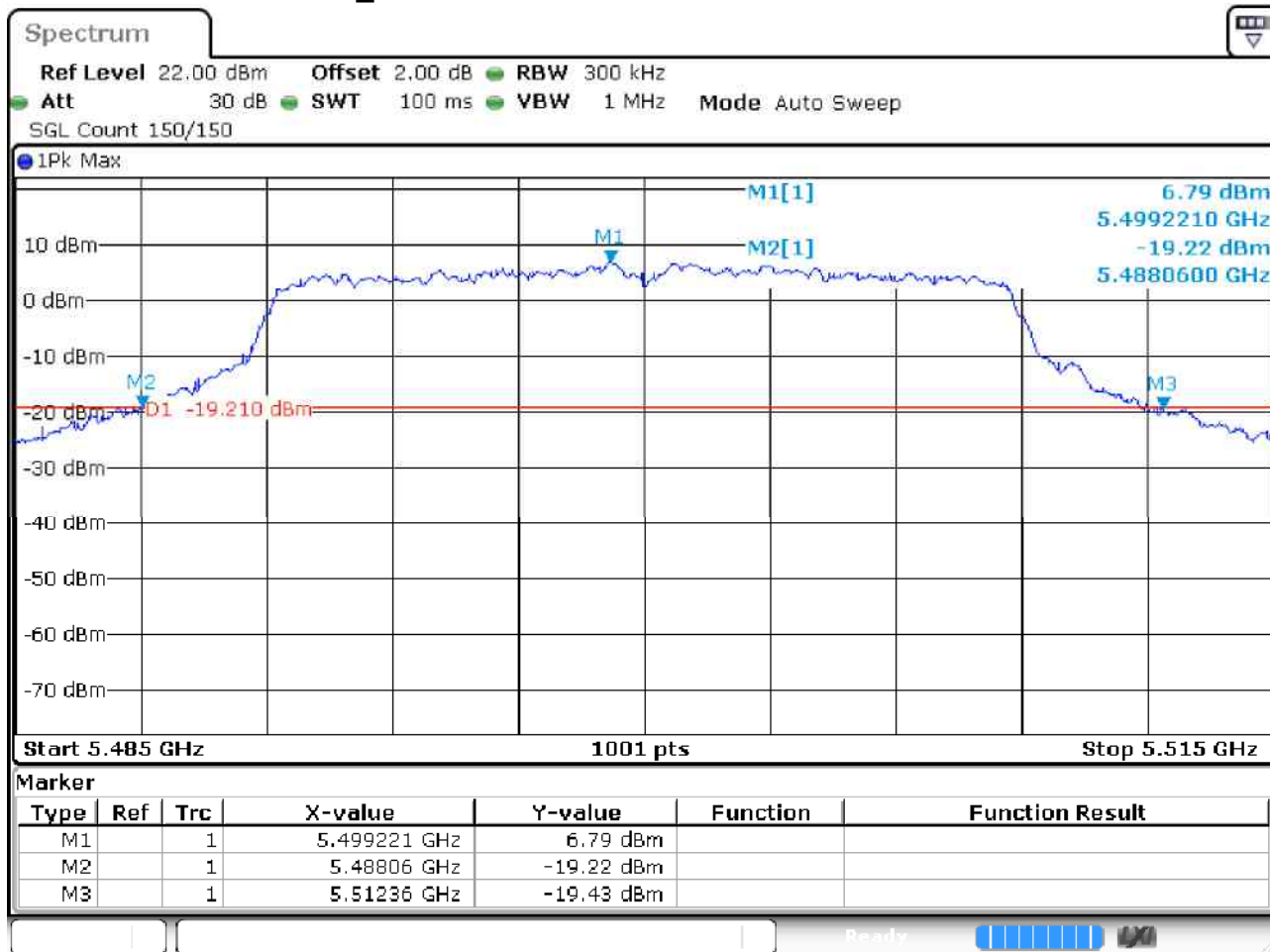


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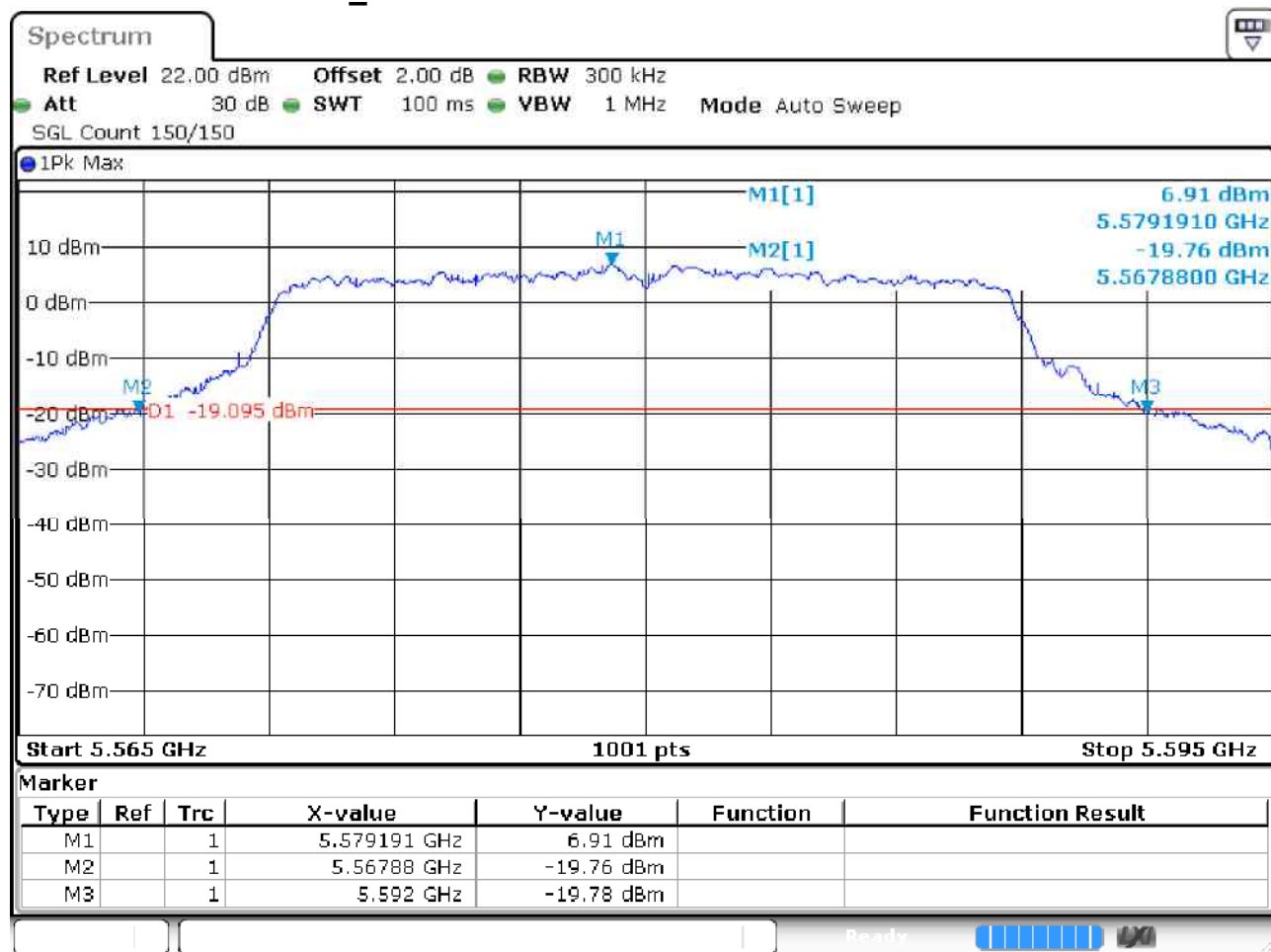
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Date: 4.JUN.2020 07:08:58

## 4.5.1.118 11AC20\_116 ANT 1



Date: 5 JUN.2020 03:29:01



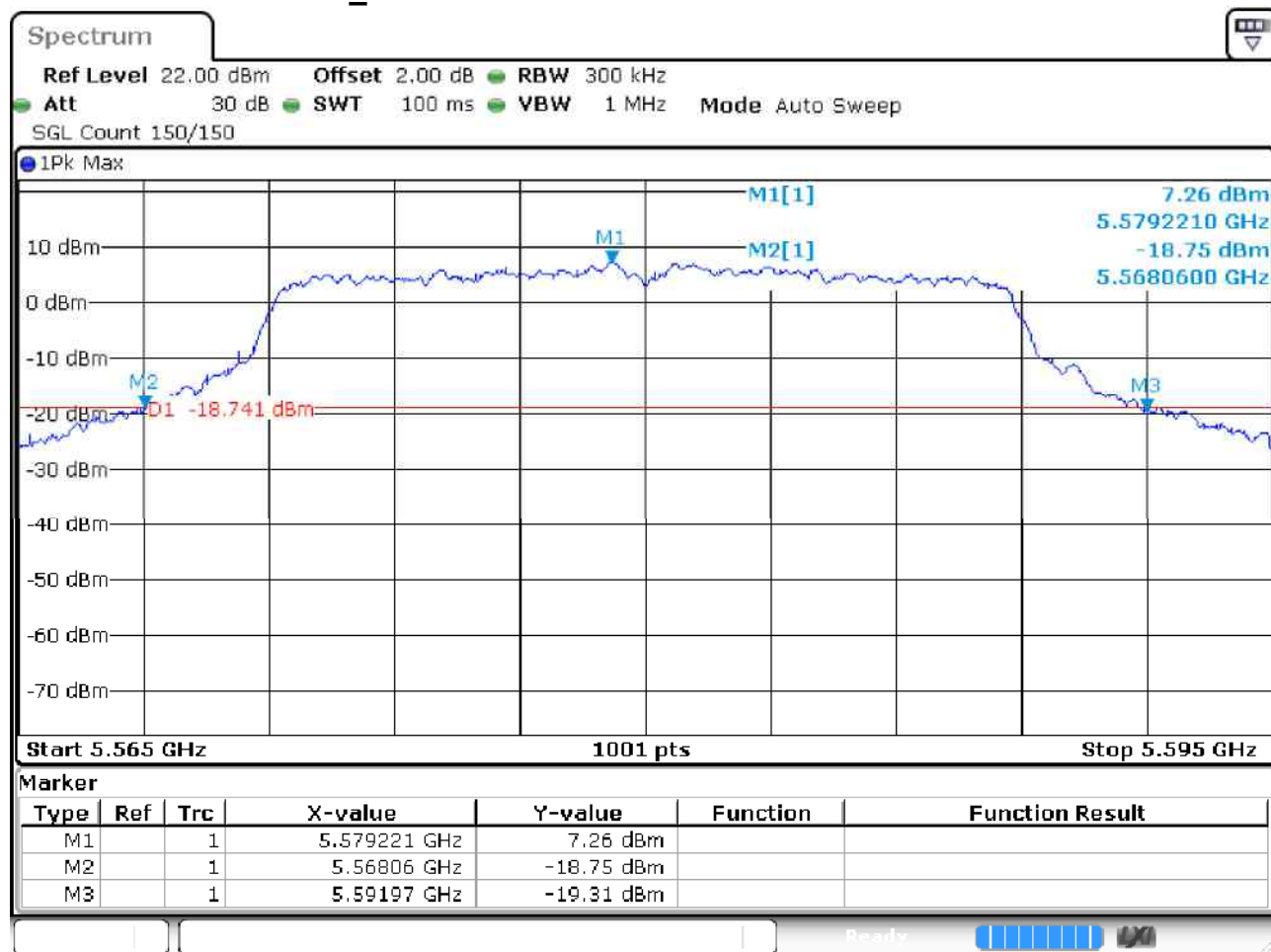
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## 4.5.1.119 11AC20\_116 ANT 2



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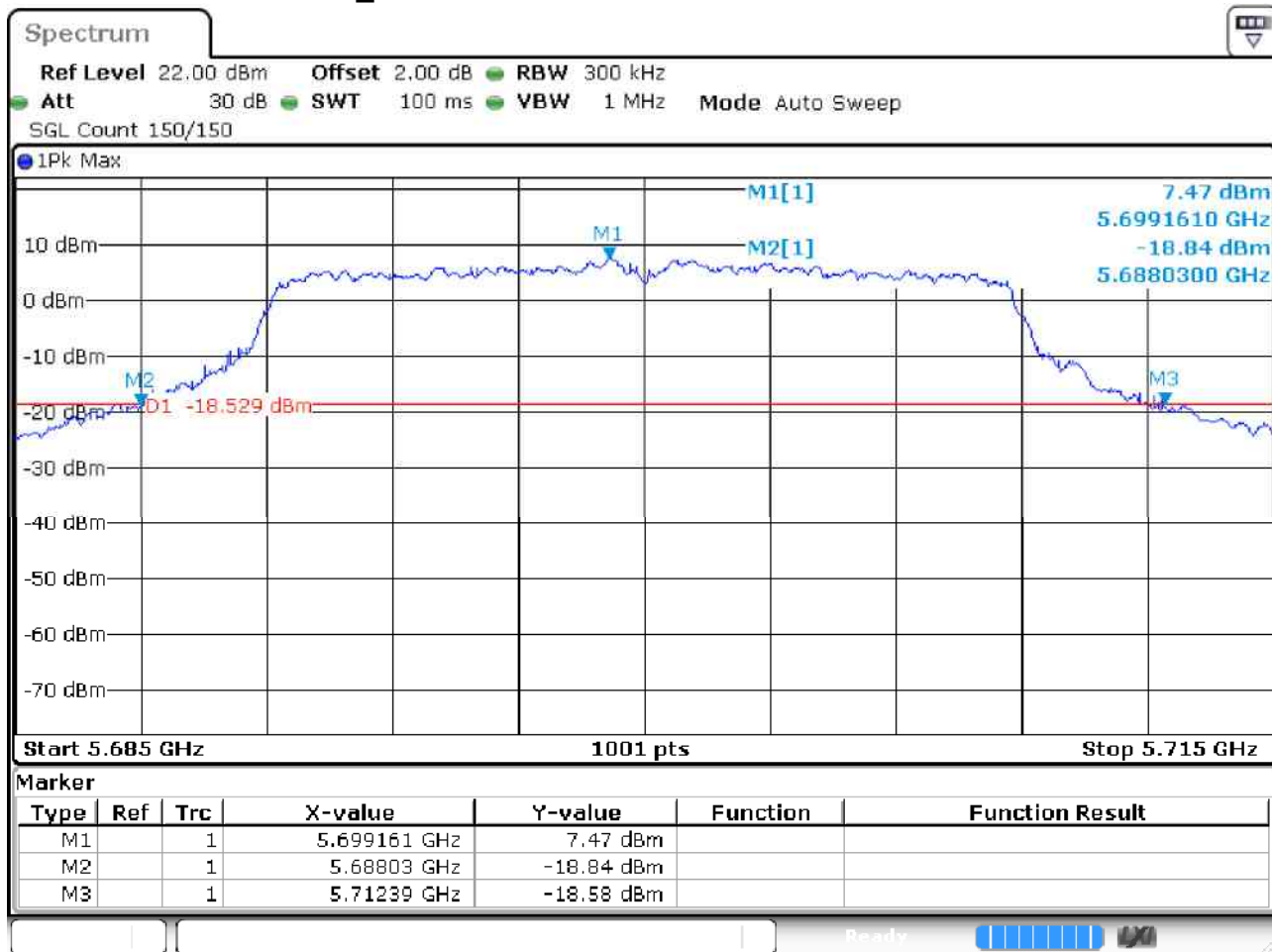
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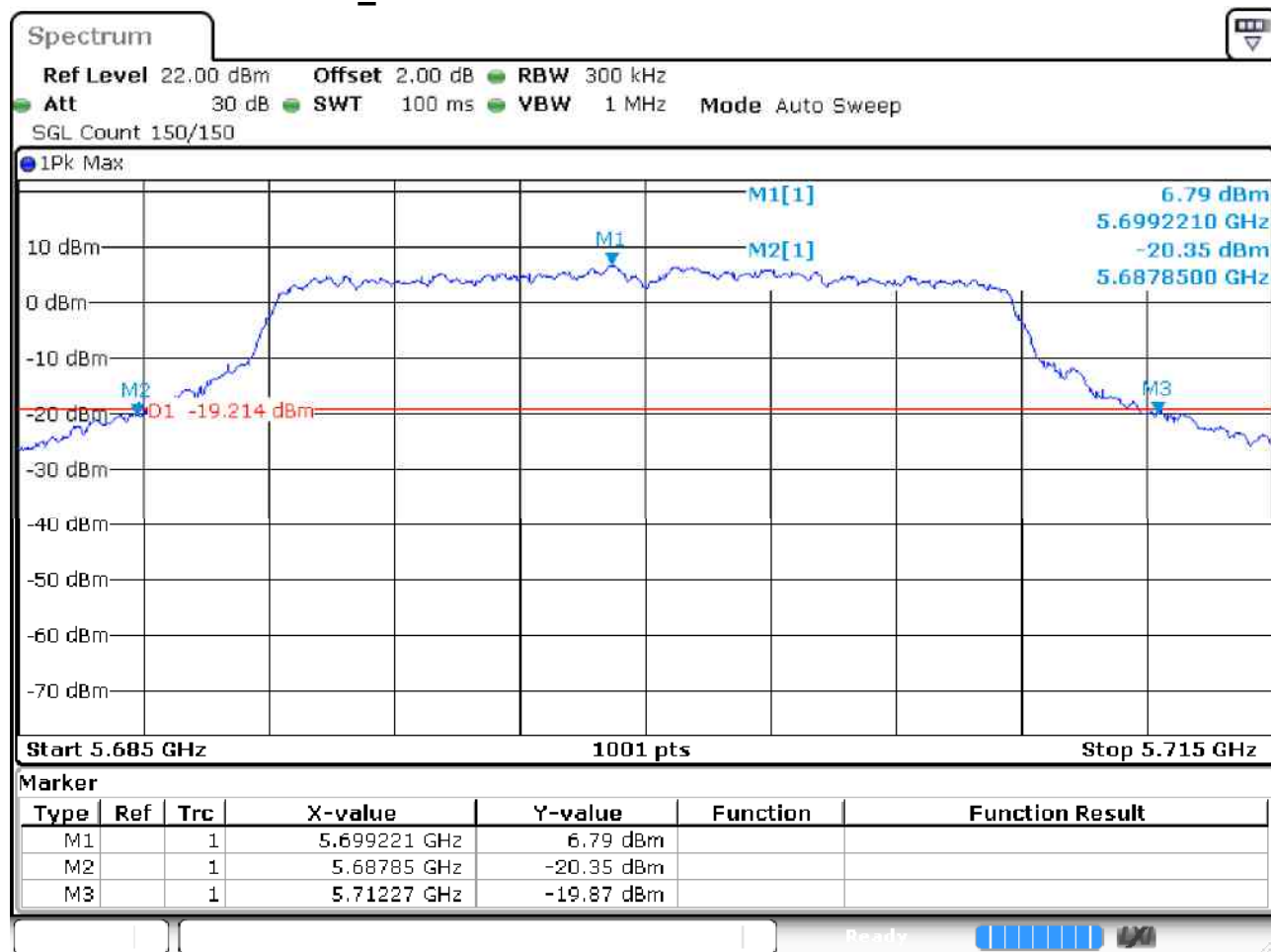


## 4.5.1.120 11AC20\_140 ANT 1



Date: 5 JUN.2020 03:30:20

## 4.5.1.121 11AC20\_140 ANT 2



Date: 4.JUN.2020 07:12:00



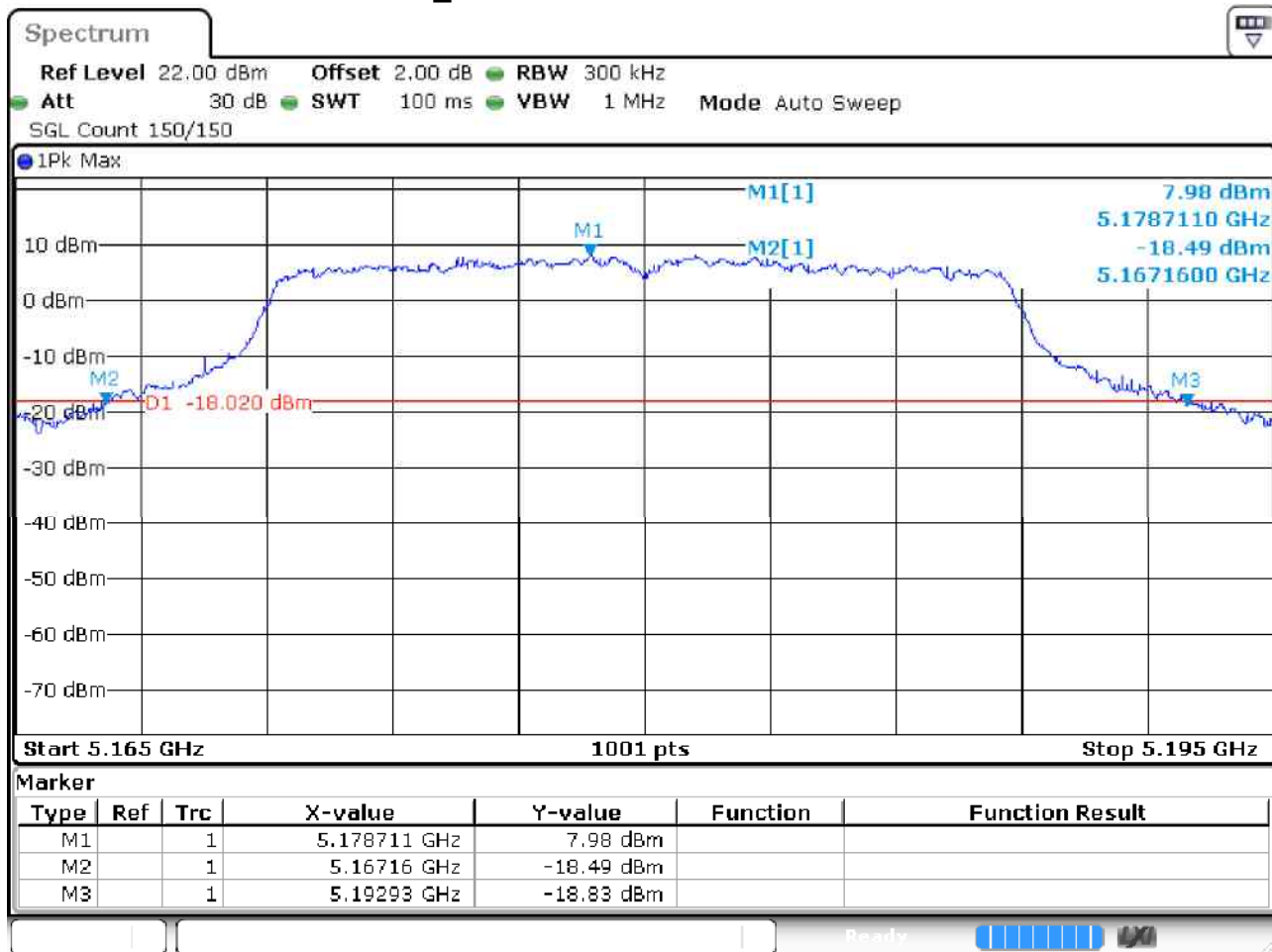
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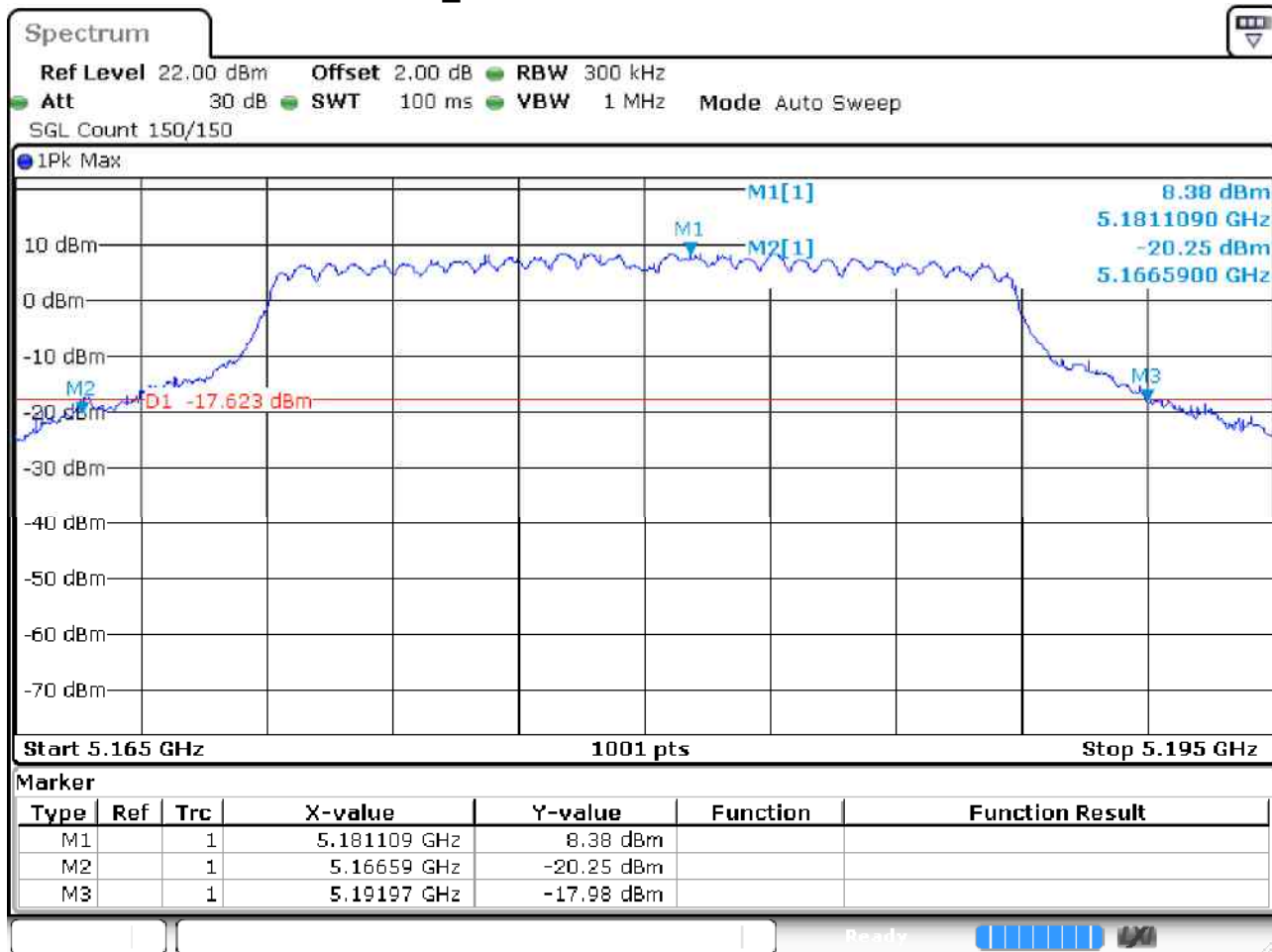
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## 4.5.1.122 11AC20MIMO\_36 ANT 1



Date: 4.JUN.2020 13:03:48

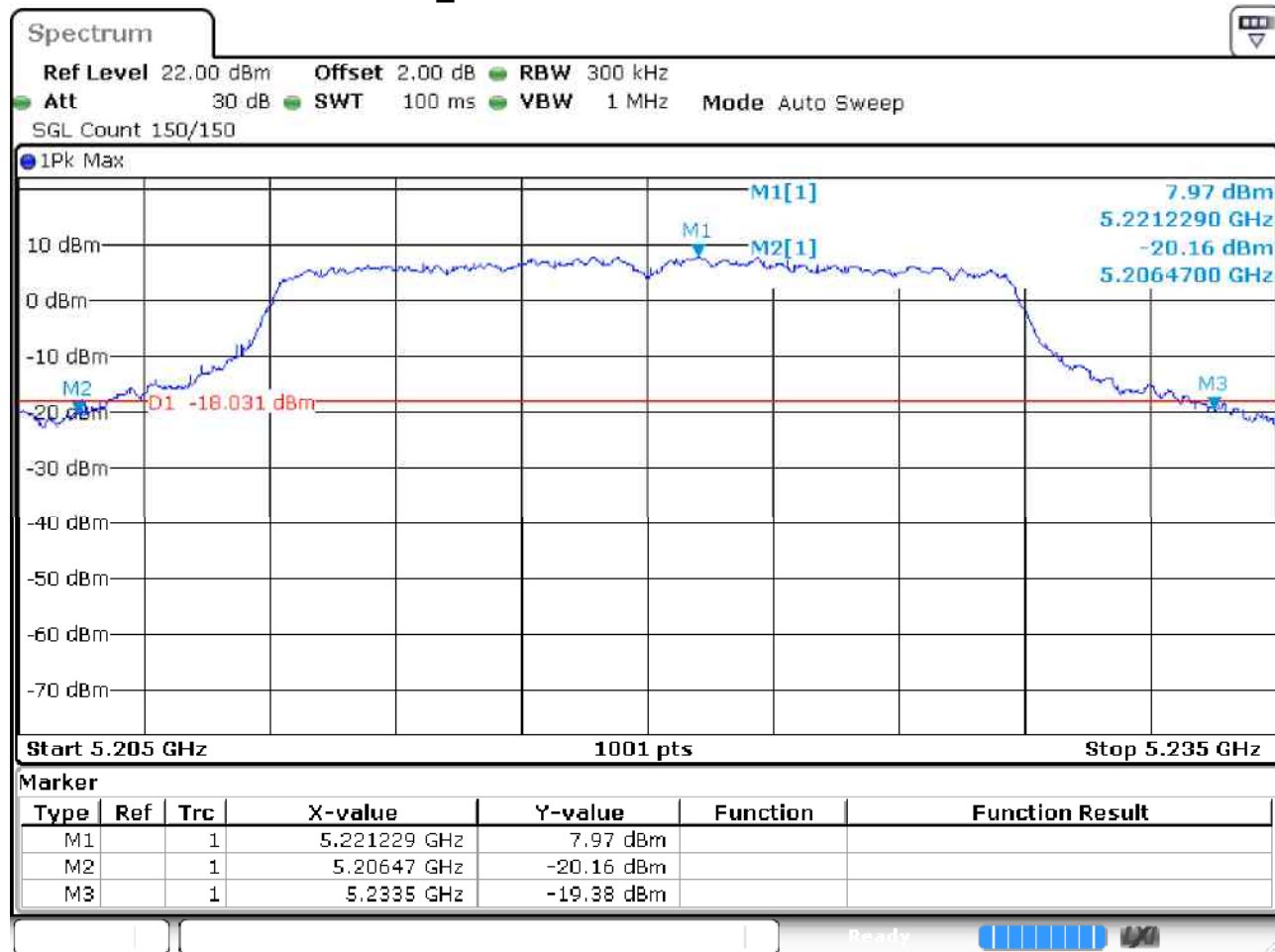
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Date: 4.JUN.2020 09:28:34



## 4.5.1.124 11AC20MIMO\_44 ANT 1



Date: 4.JUN.2020 13:05:10



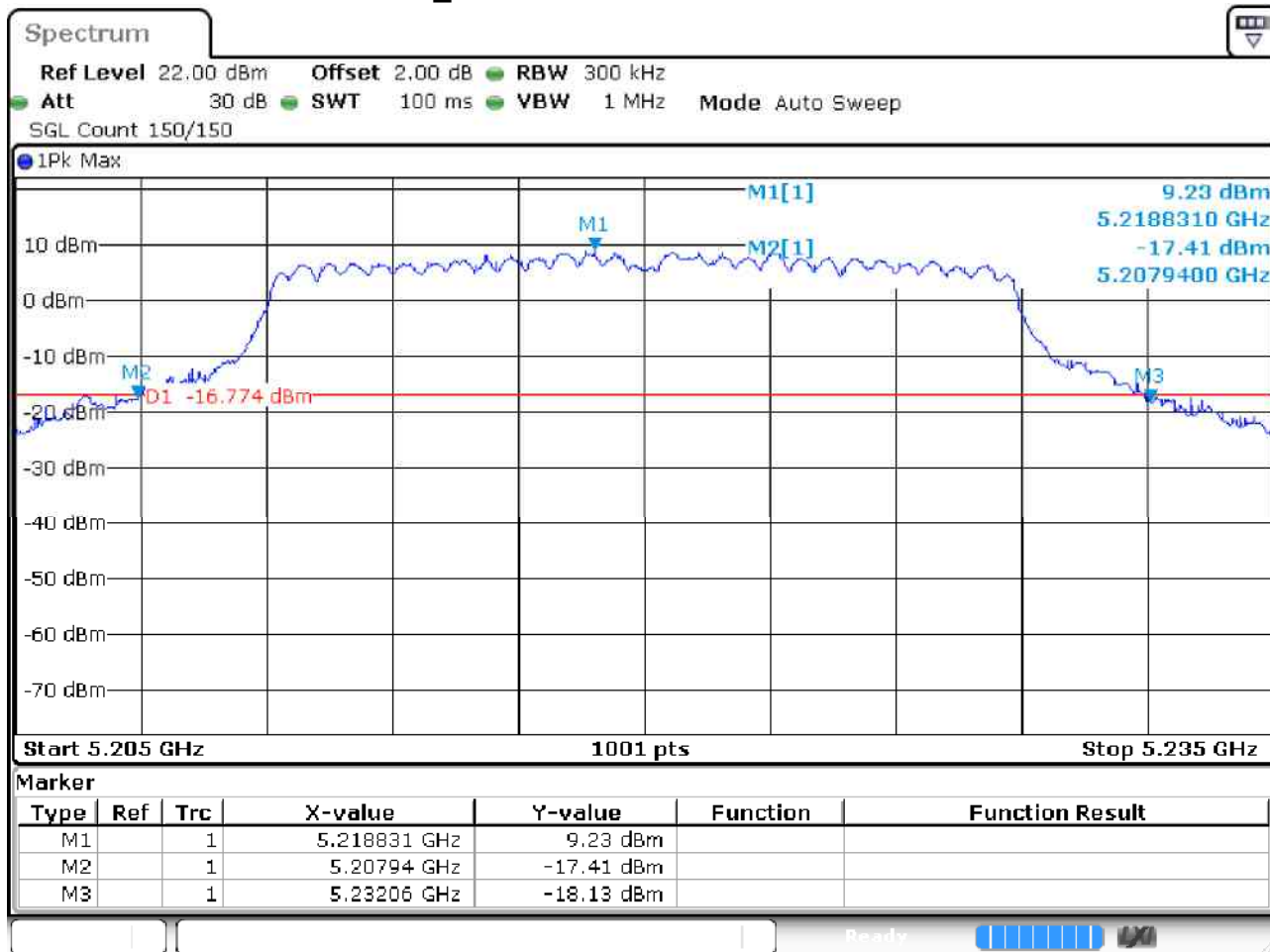
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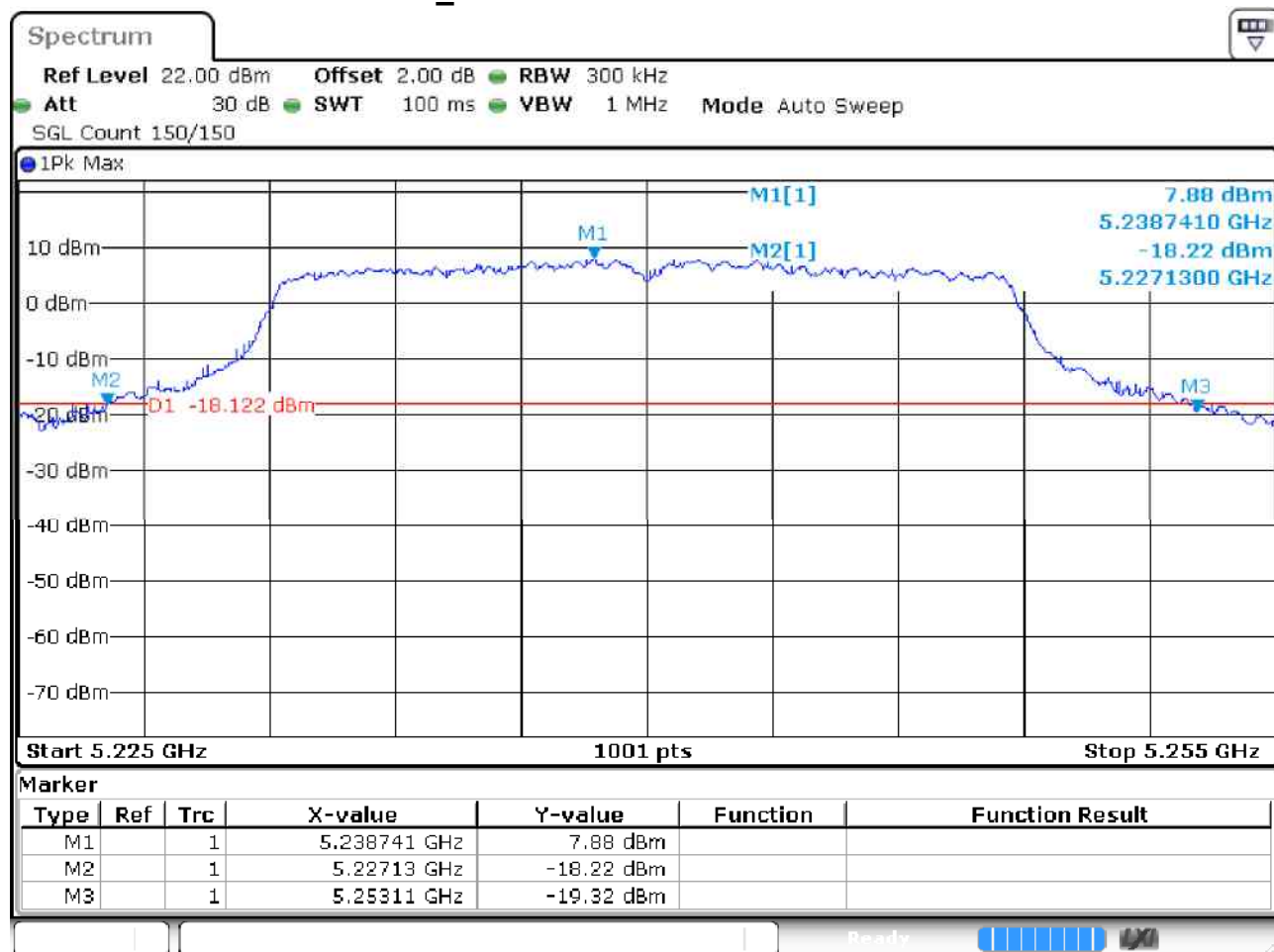
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## 4.5.1.125 11AC20MIMO\_44 ANT 2



Date: 4 JUN. 2020 09:30:17

## 4.5.1.126 11AC20MIMO\_48 ANT 1



Date: 4.JUN.2020 13:06:36



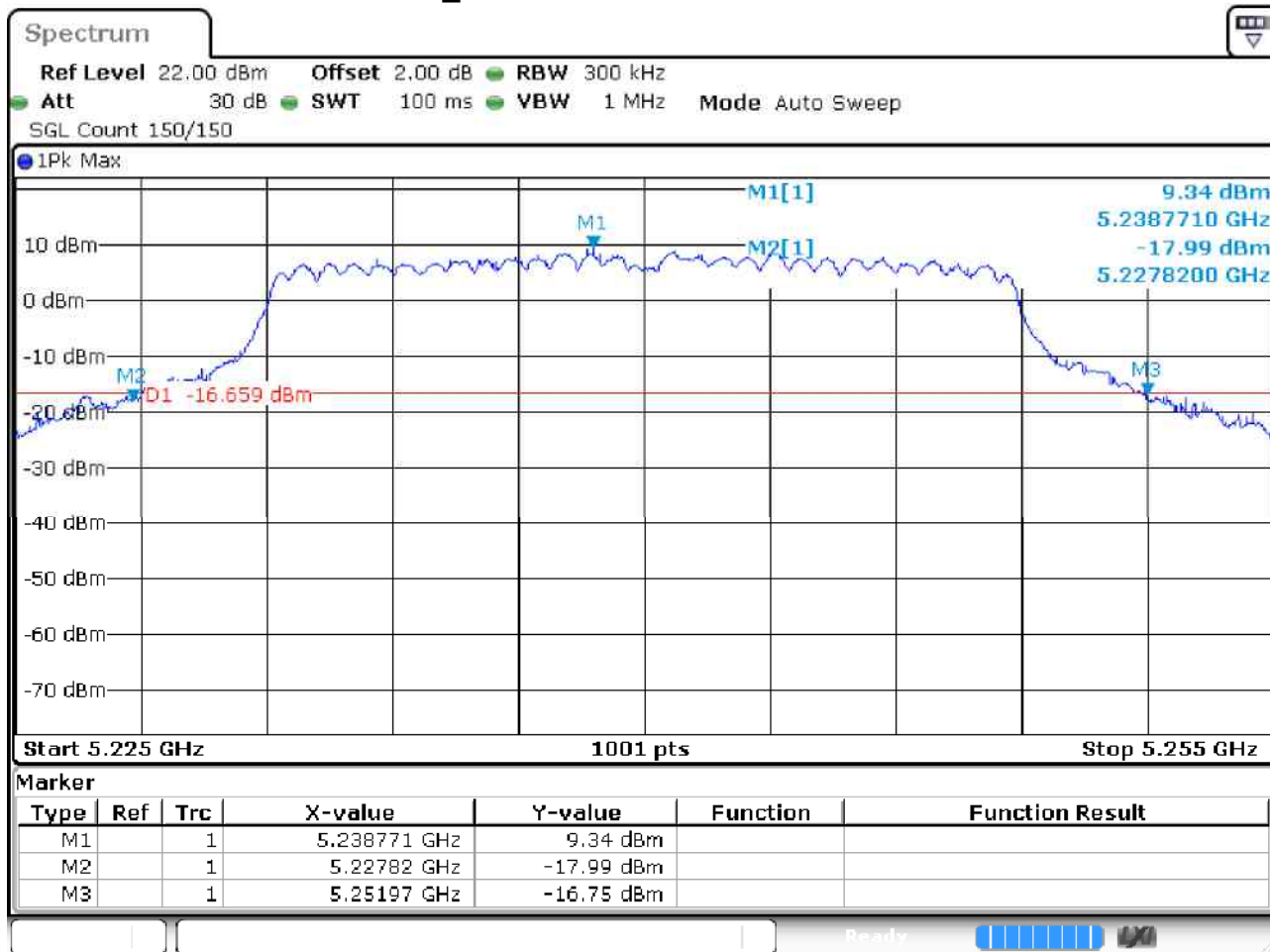
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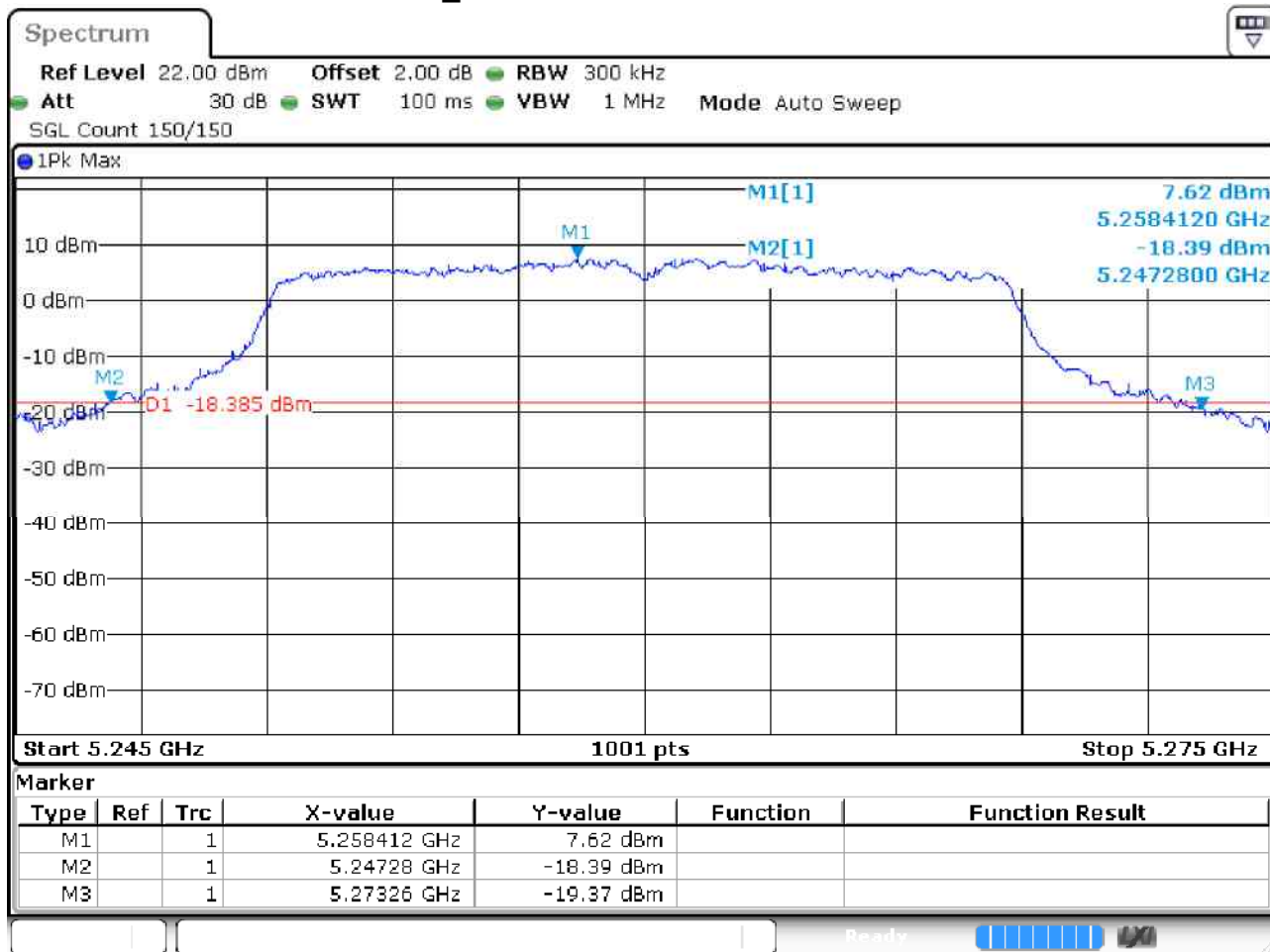
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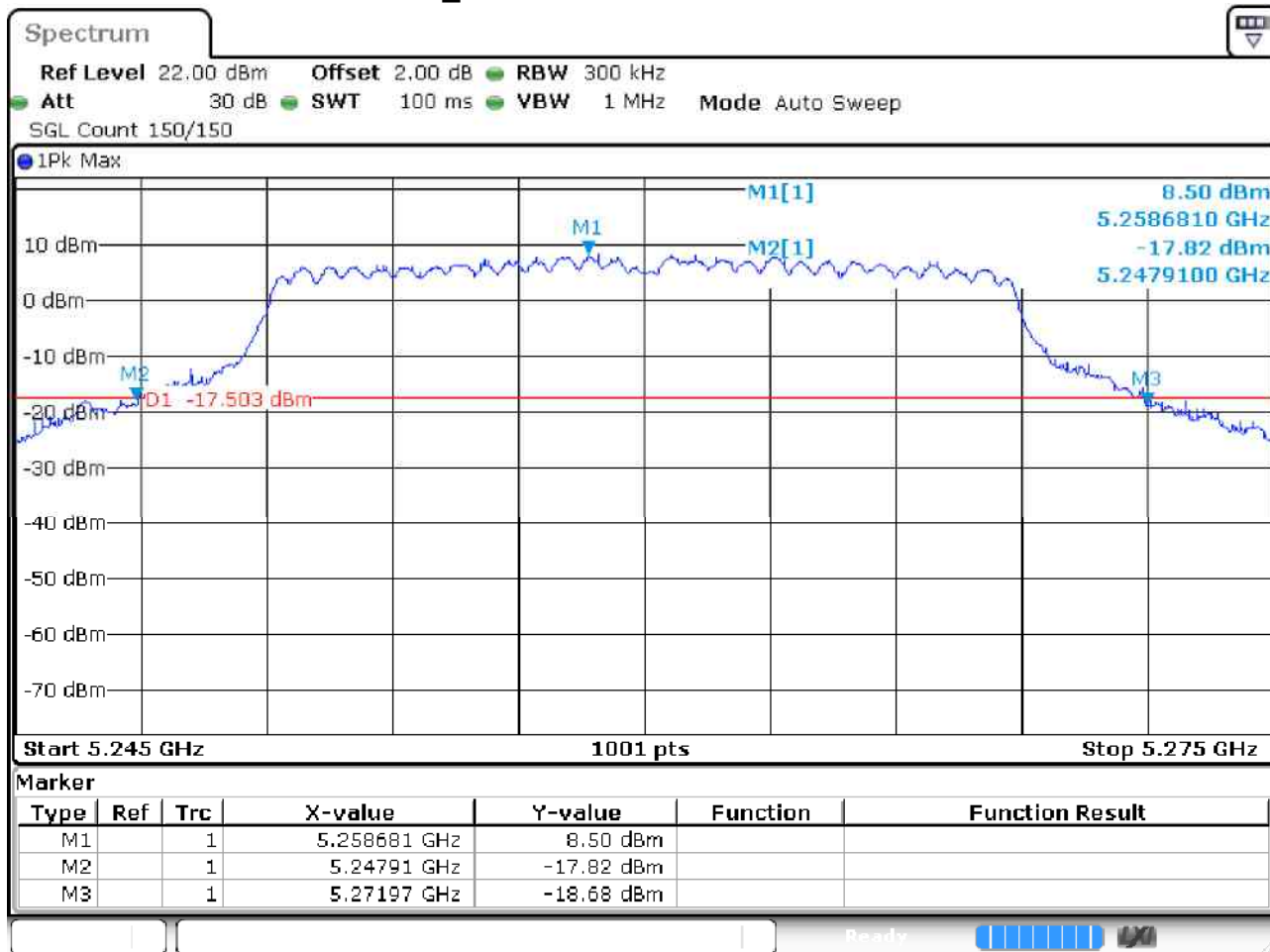


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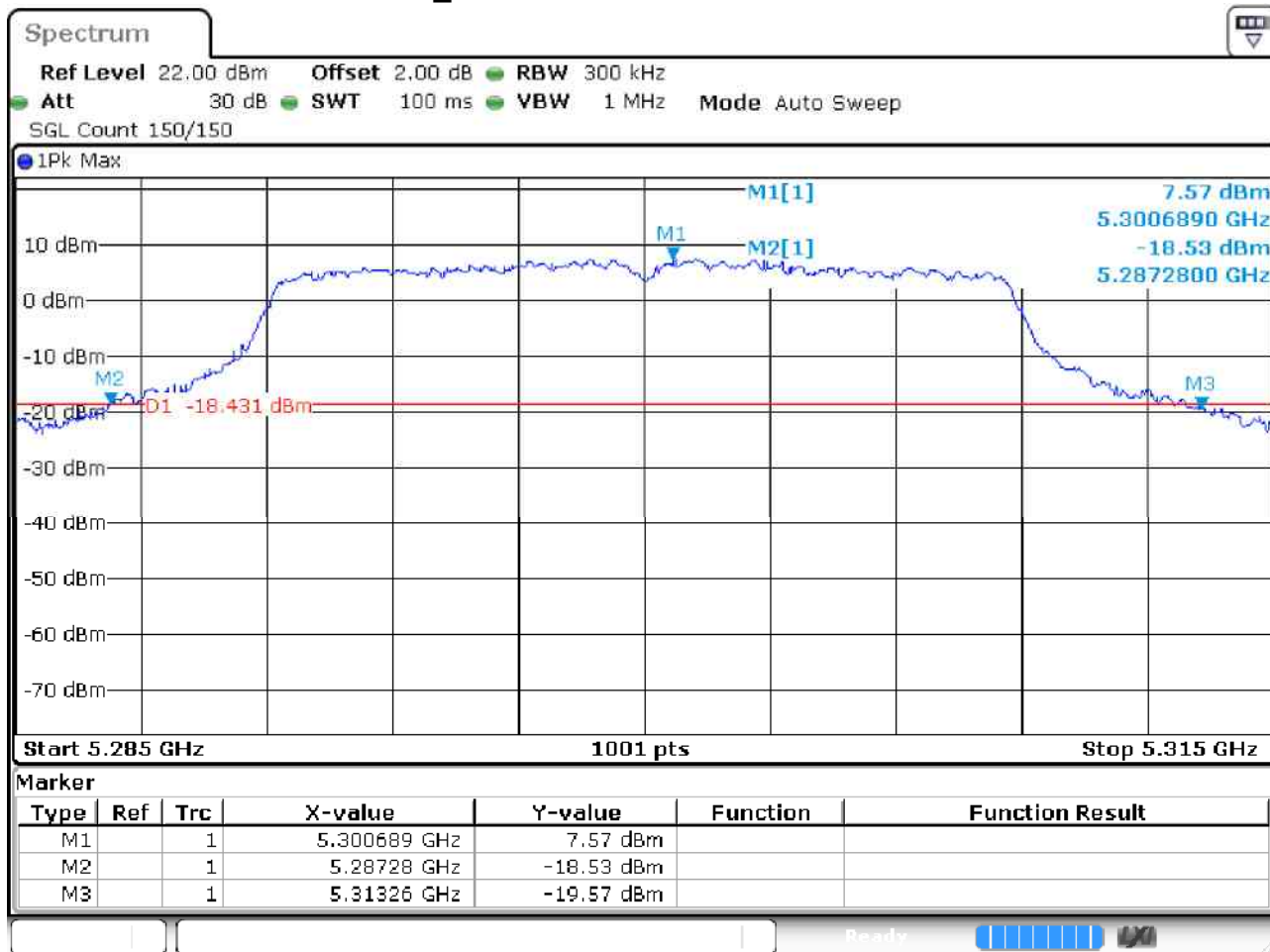
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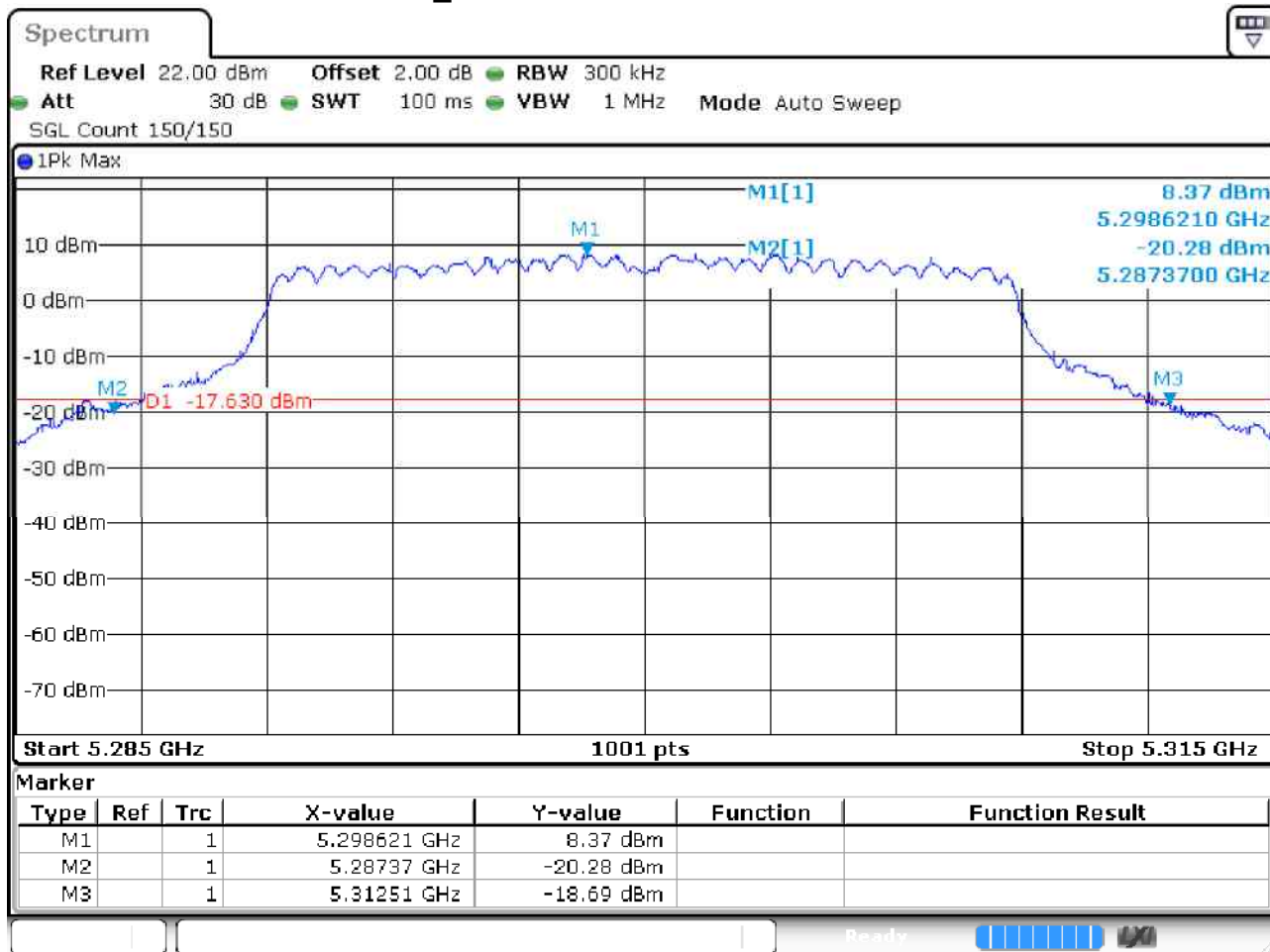
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Date: 4.JUN.2020 13:09:31

## 4.5.1.131 11AC20MIMO\_60 ANT 2

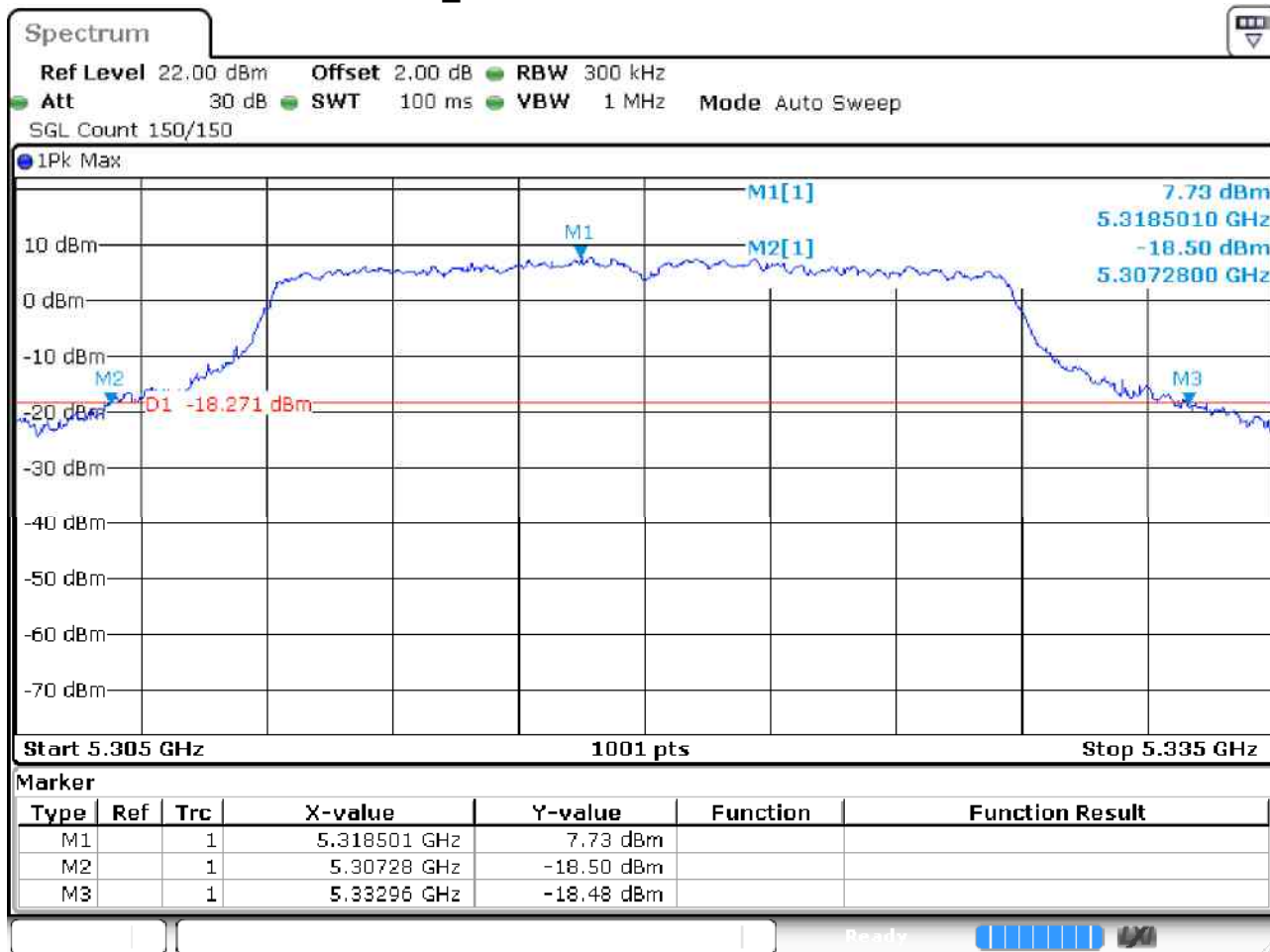


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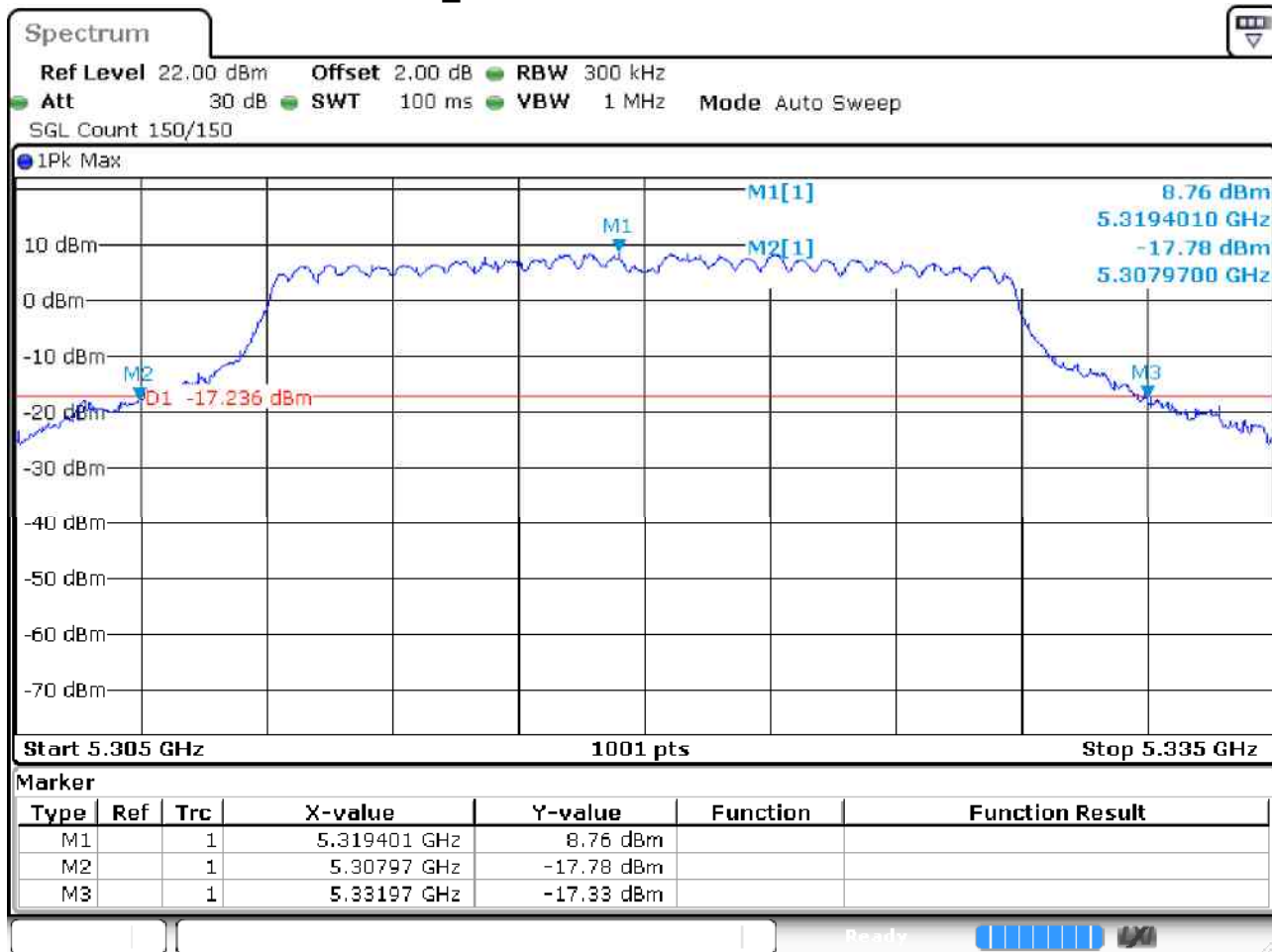
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## 11AC20MIMO\_64 ANT 1



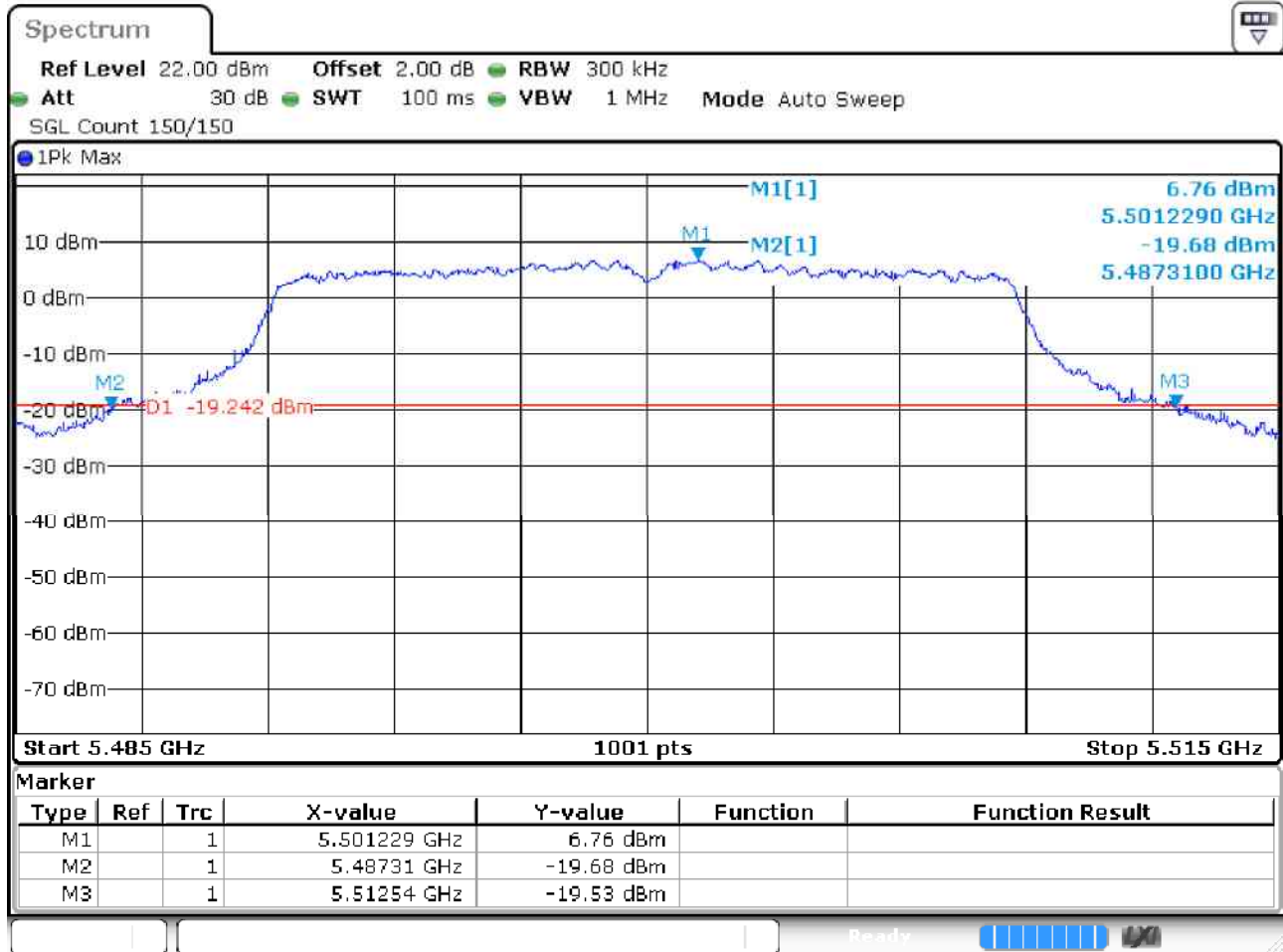
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Date: 4.JUN.2020 09:37:46

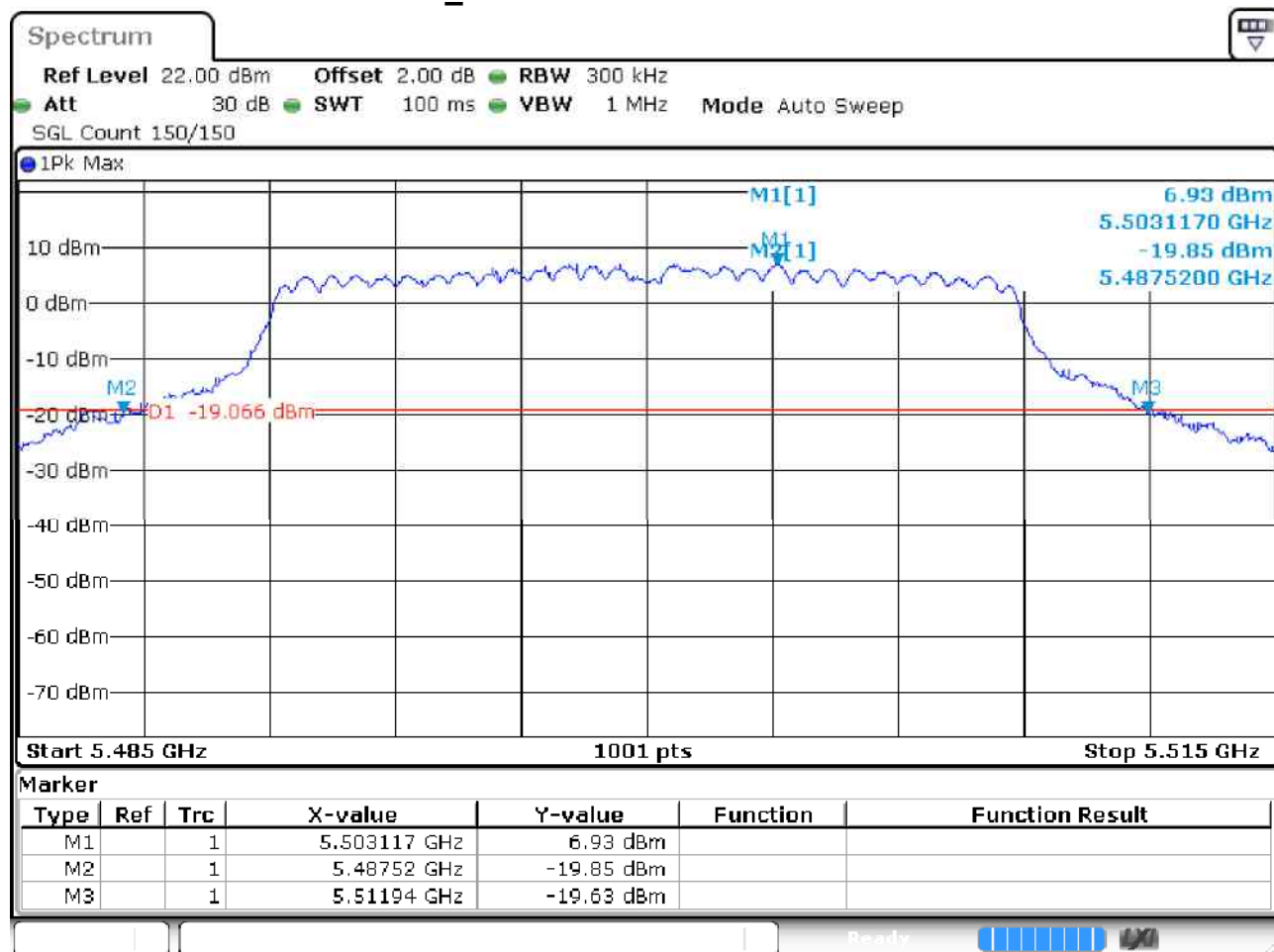
4.5.1.134 11AC20MIMO\_100 ANT 1



Date: 4.JUN.2020 13:12:21



## 4.5.1.135 11AC20MIMO\_100 ANT 2



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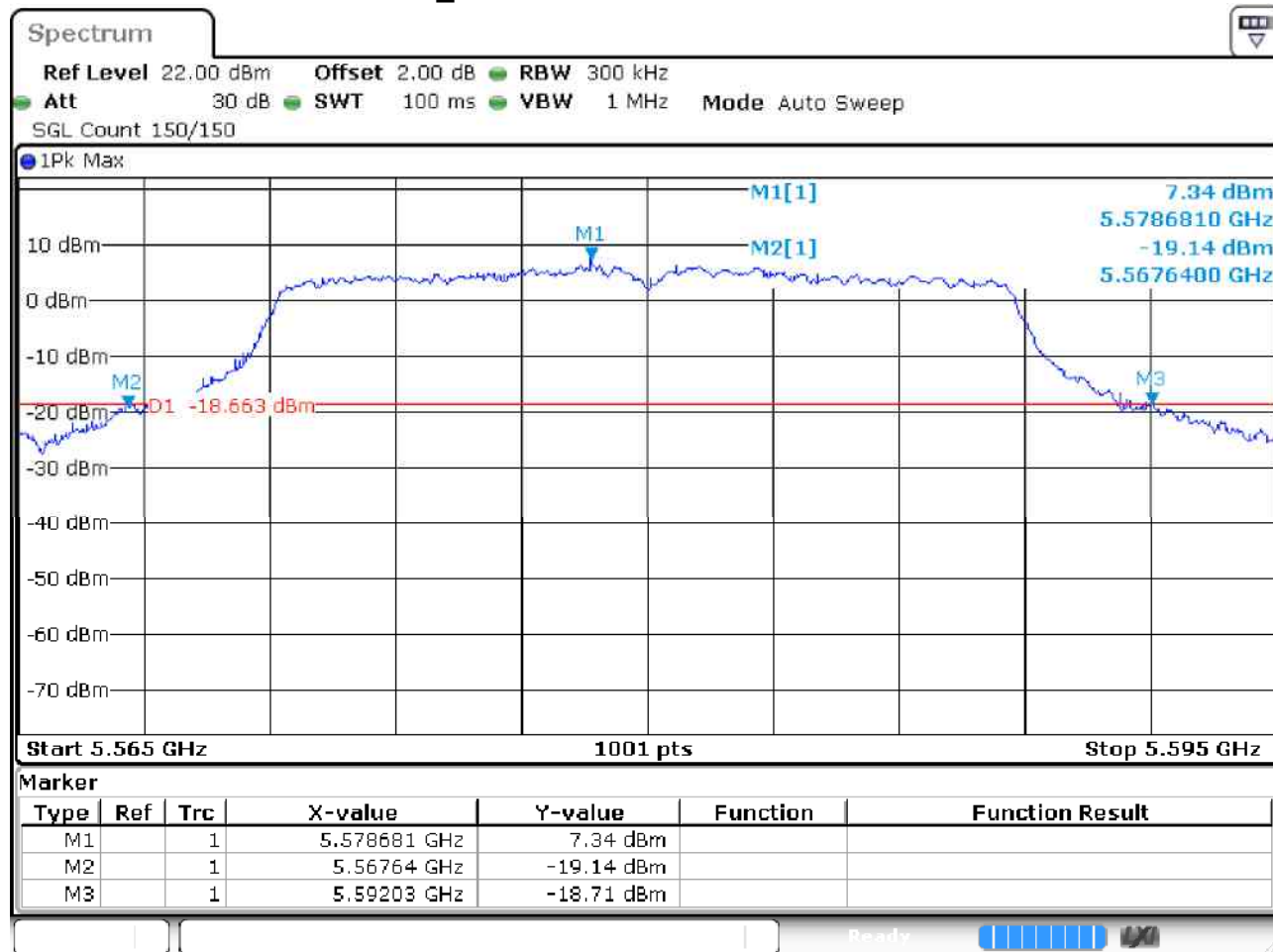
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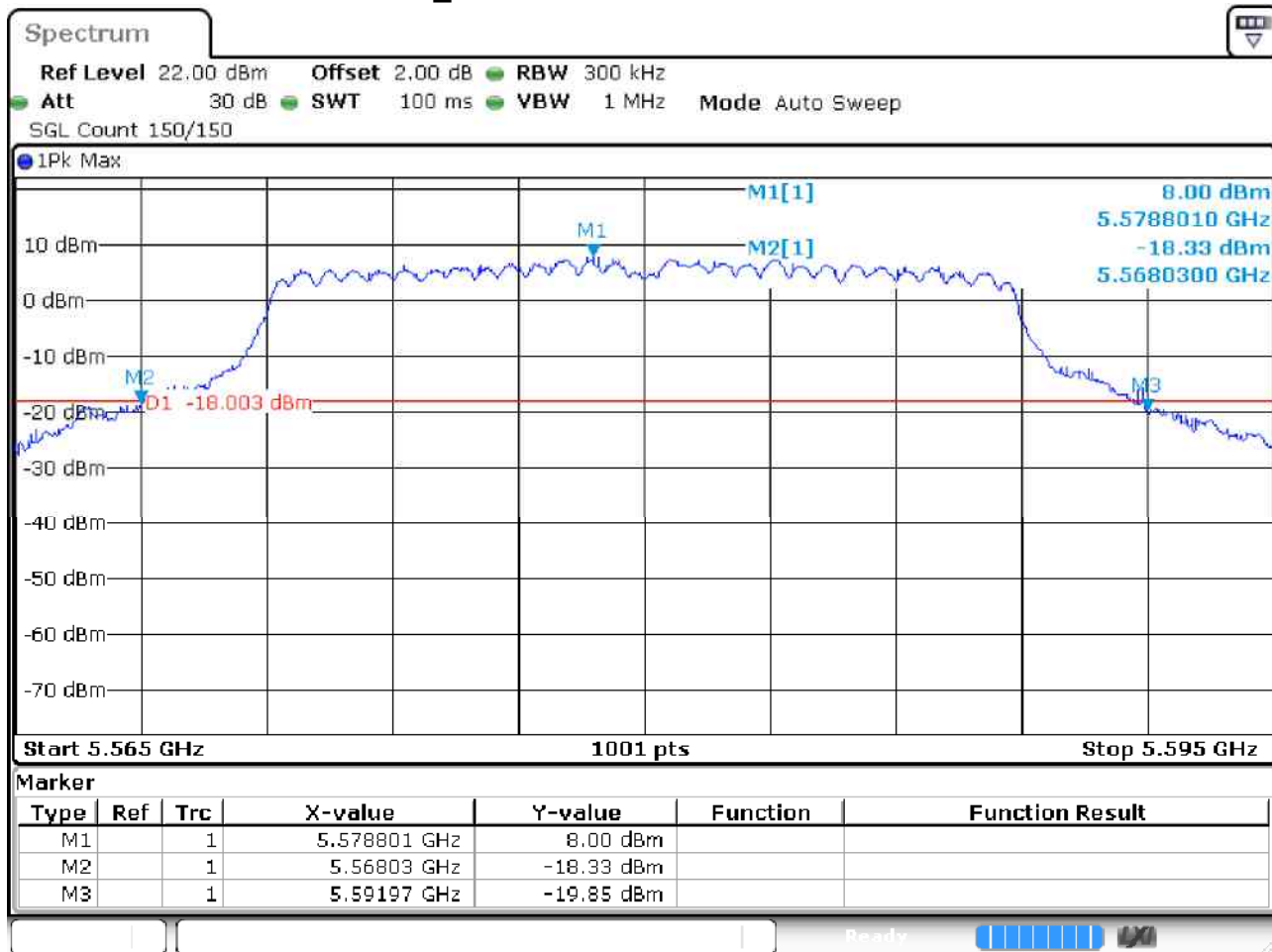


## 4.5.1.136 11AC20MIMO\_116 ANT 1



Date: 4.JUN.2020 13:13:38

## 4.5.1.137 11AC20MIMO\_116 ANT 2



Date: 4 JUN. 2020 09:43:05



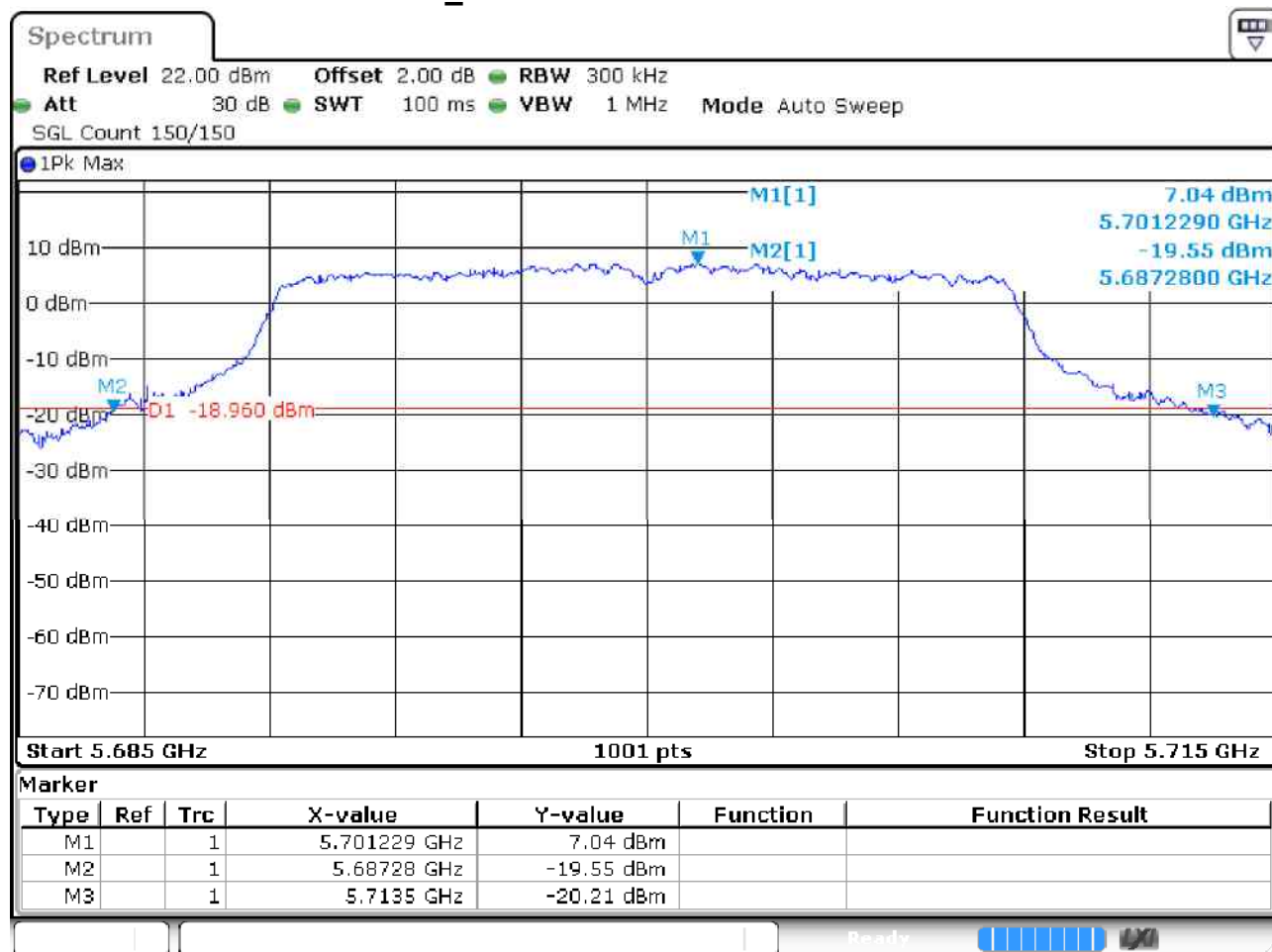
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## 4.5.1.138 11AC20MIMO\_140 ANT 1



Date: 4.JUN.2020 13:14:56



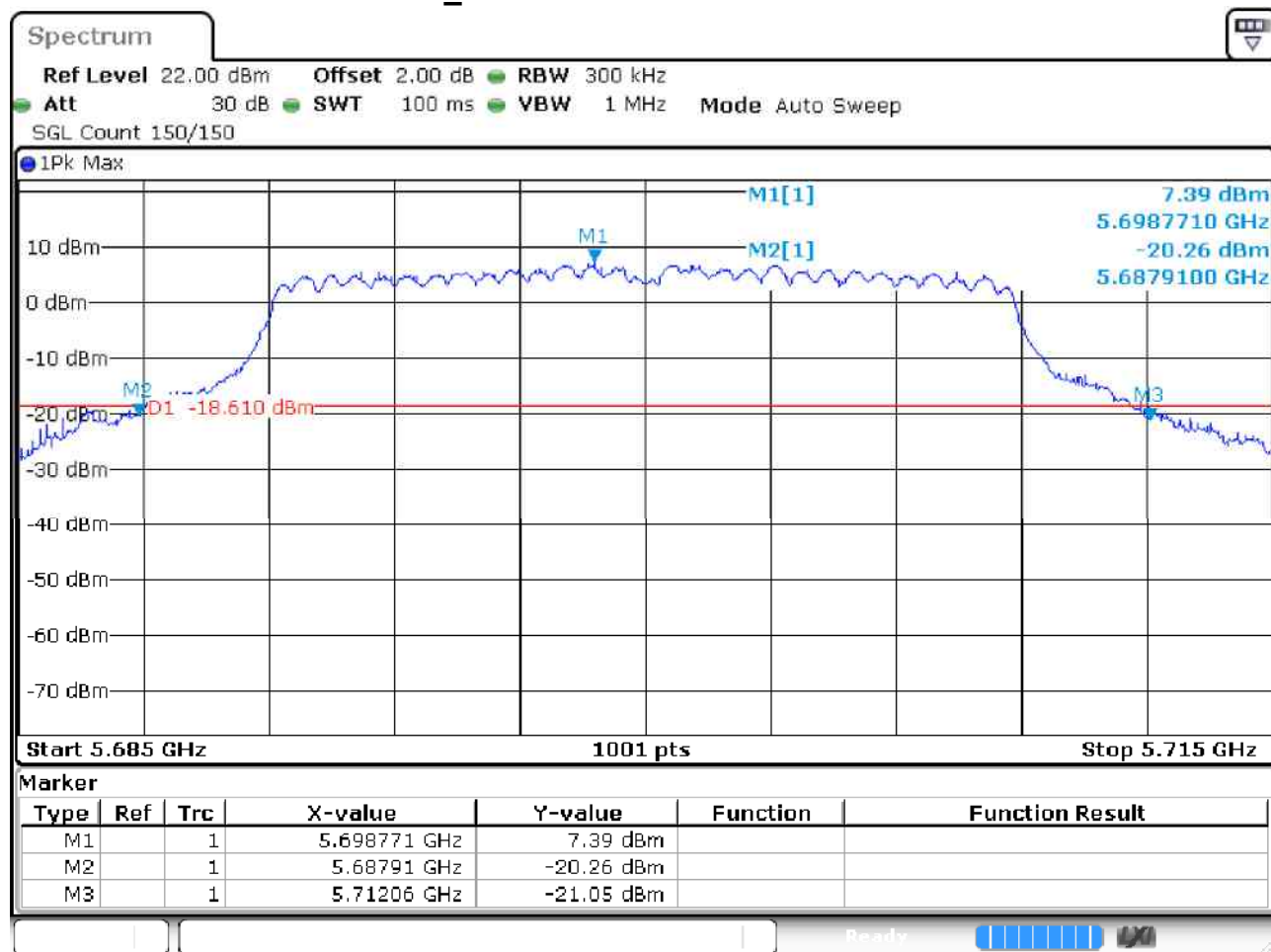
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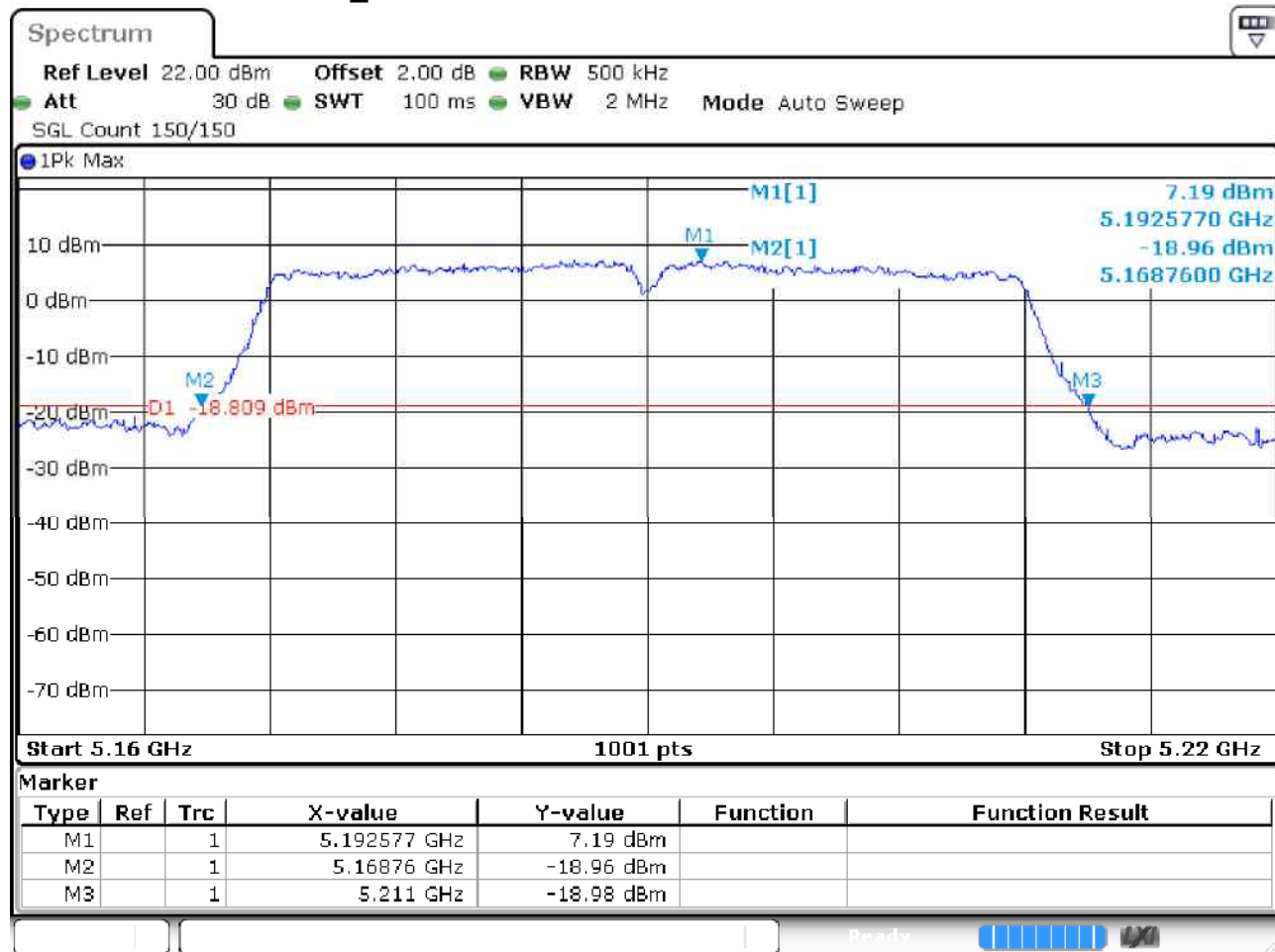
## 4.5.1.139 11AC20MIMO\_140 ANT 2



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## 4.5.1.140 11AC40\_38 ANT 1



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## 4.5.1.141 11AC40\_38 ANT 2



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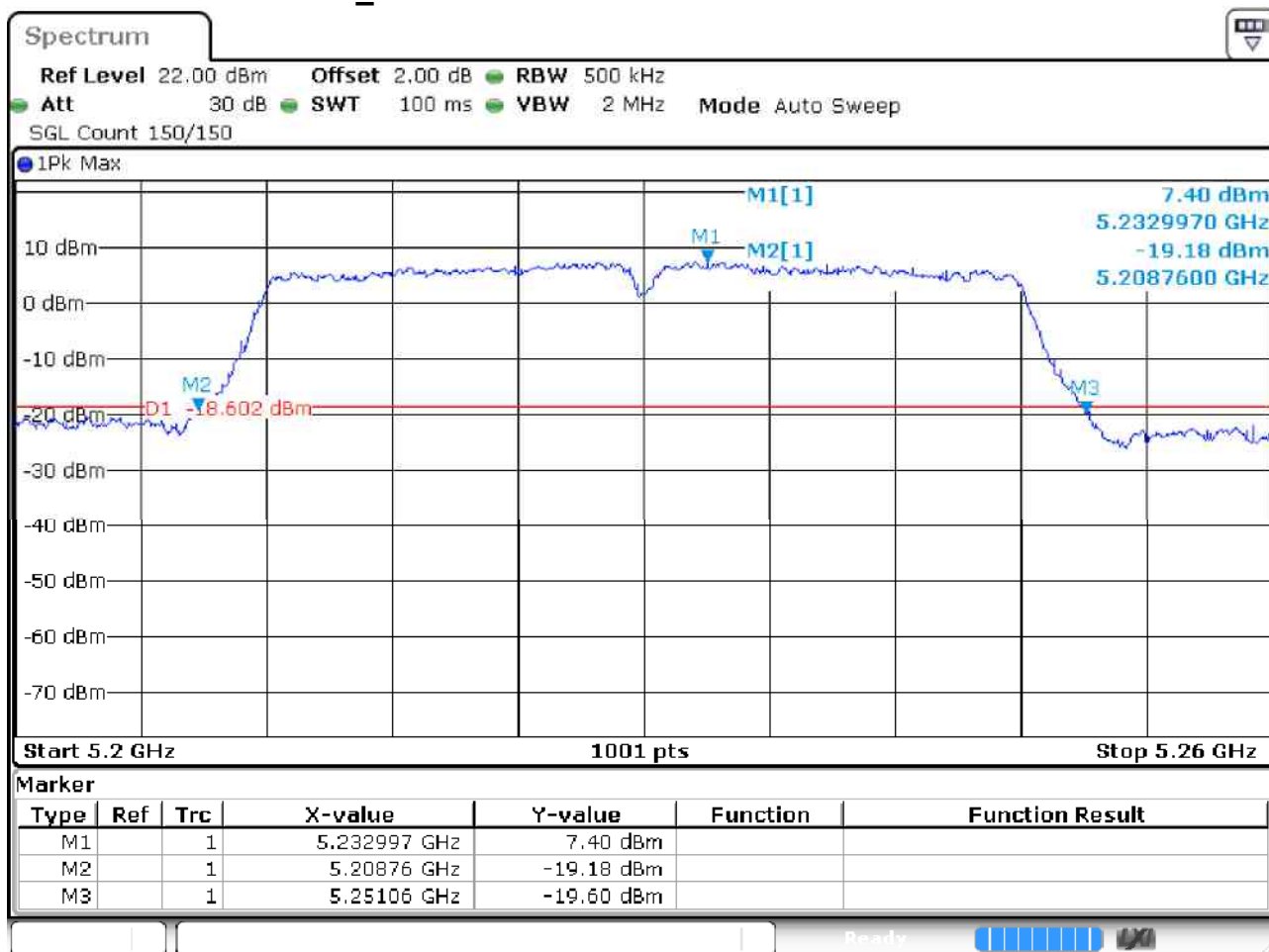
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## 4.5.1.142 11AC40\_46 ANT 1



Date: 5 JUN.2020 04:10:39



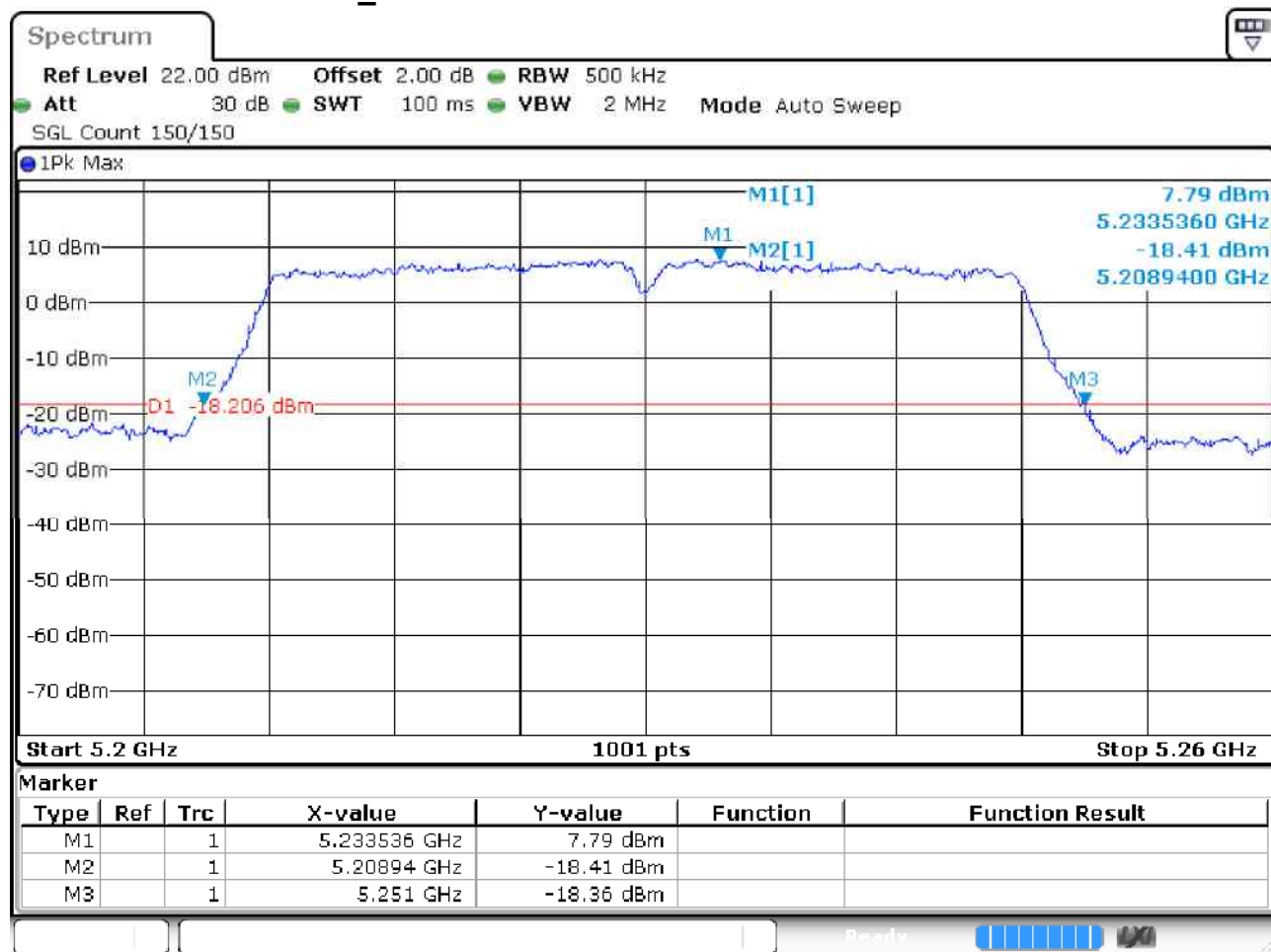
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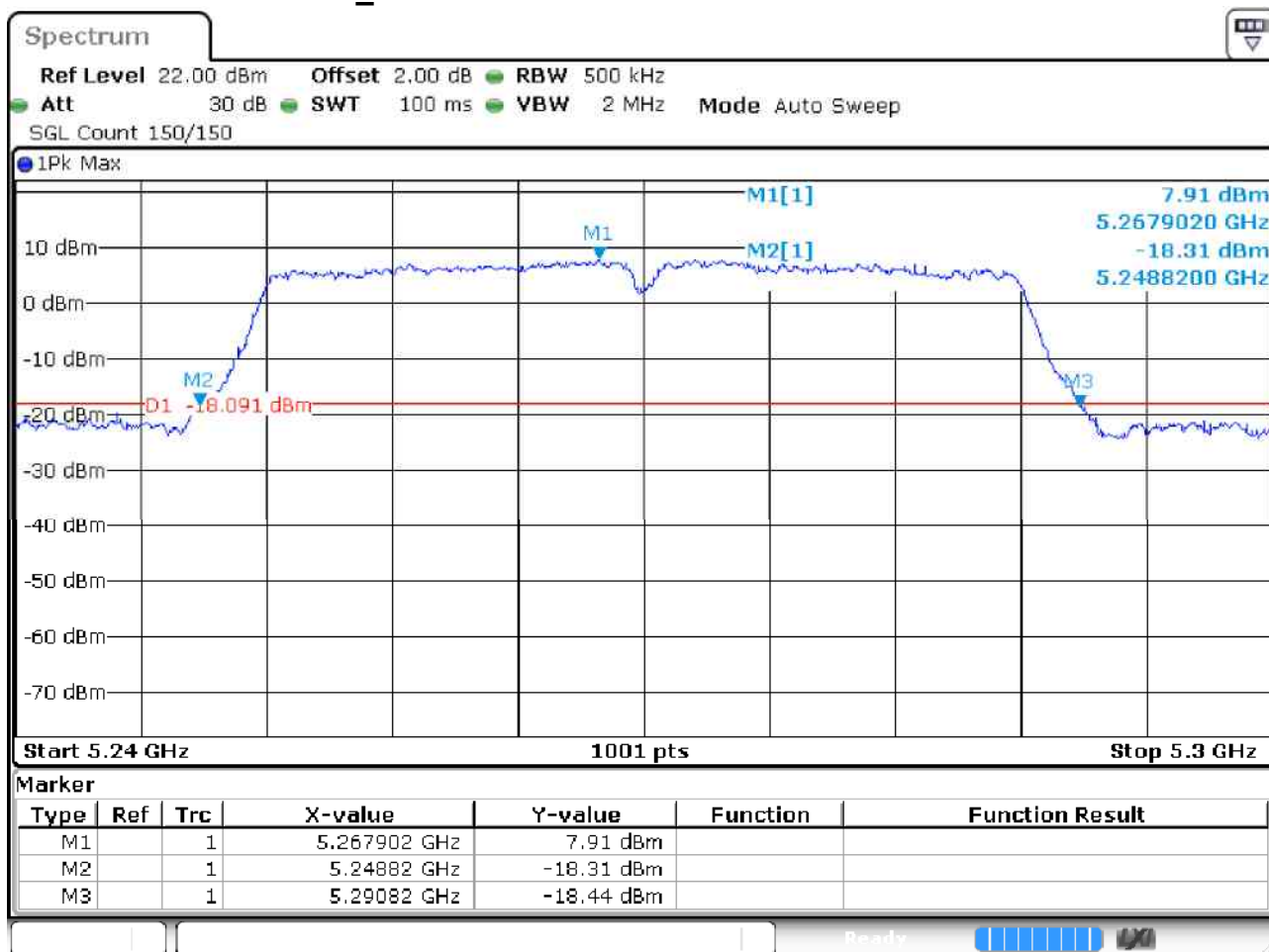
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## 4.5.1.144 11AC40\_54 ANT 1



Date: 5 JUN.2020 04:13:37



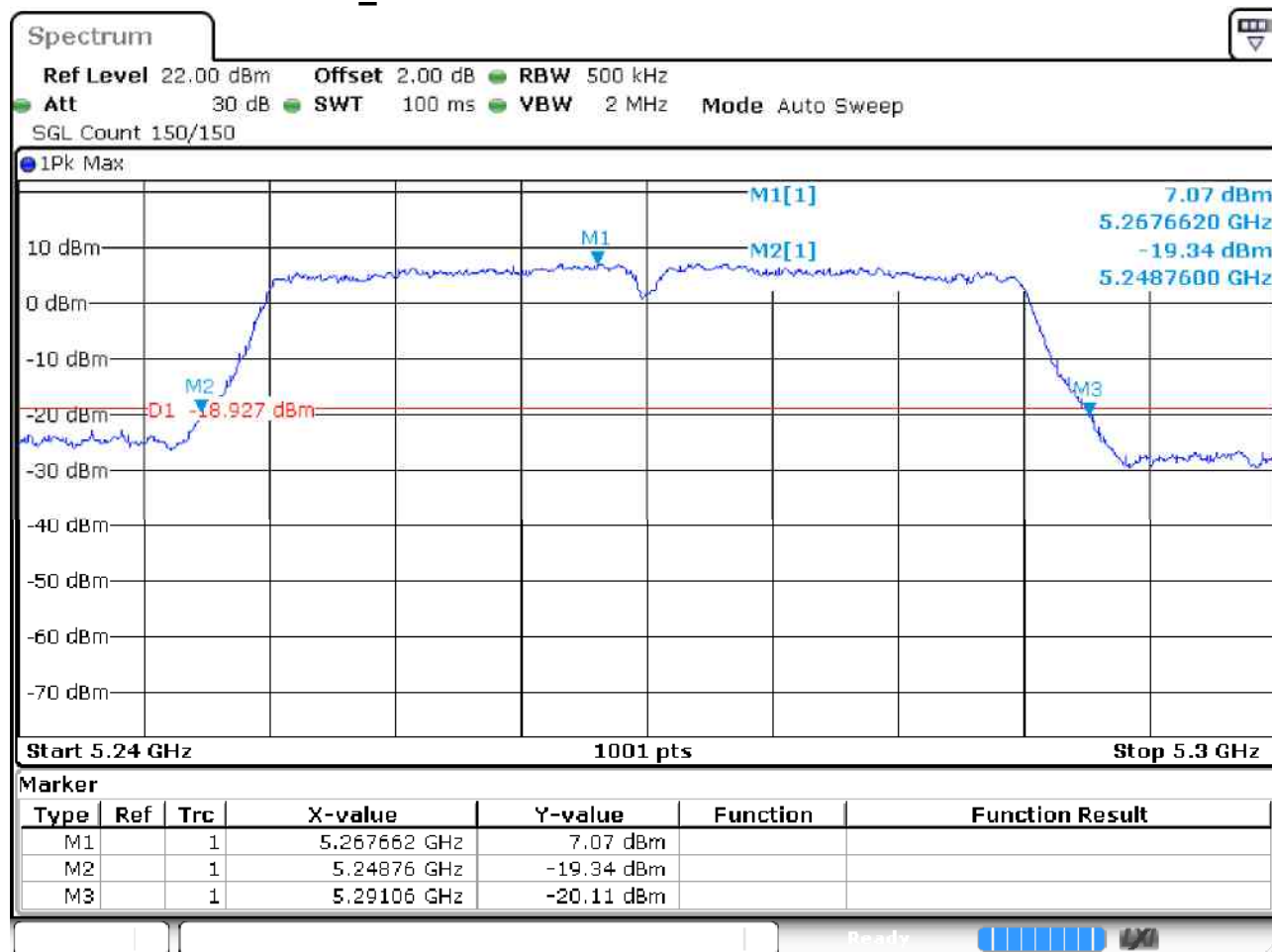
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## 4.5.1.145 11AC40\_54 ANT 2



Date: 4.JUN.2020 07:22:49



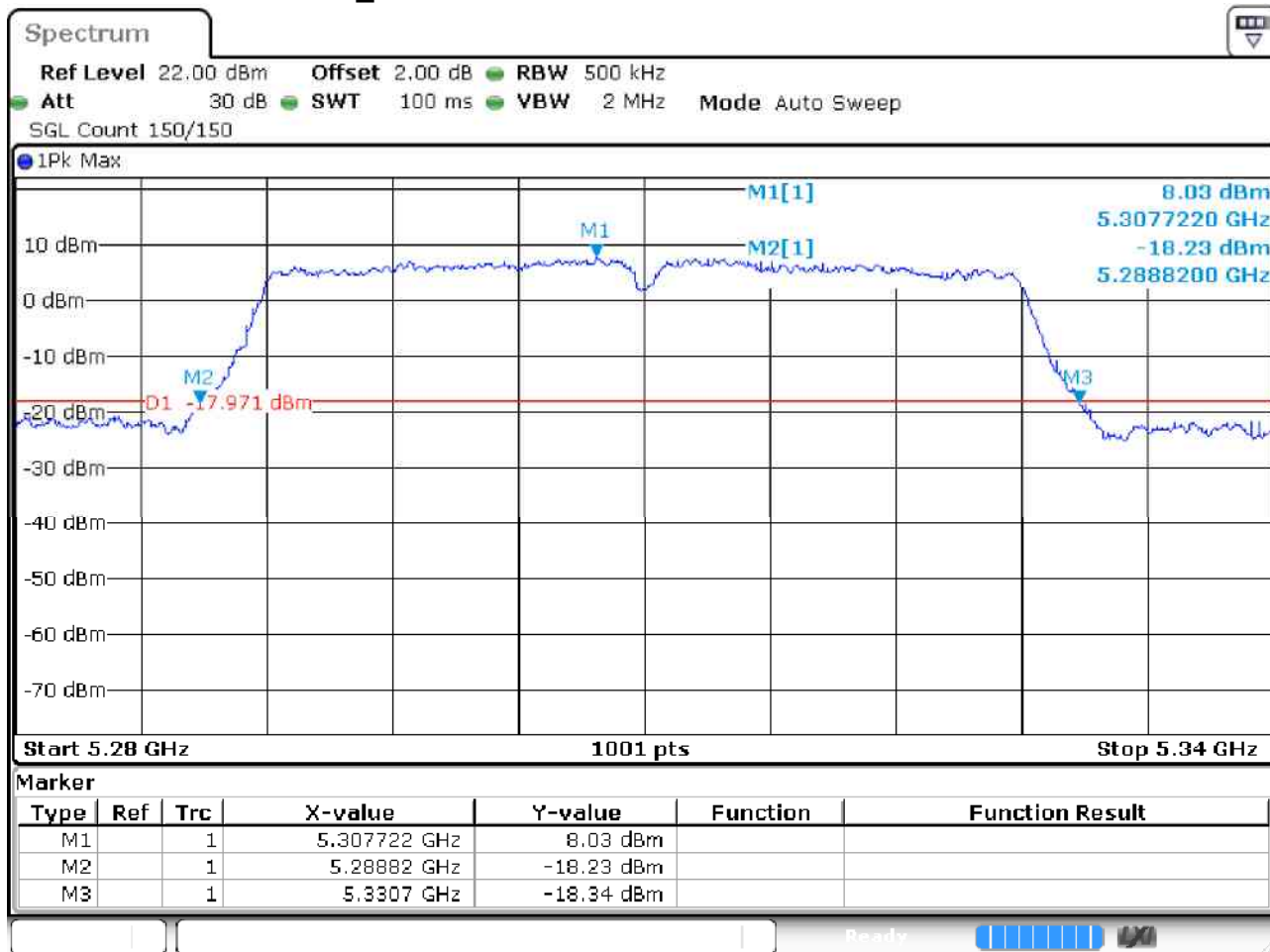
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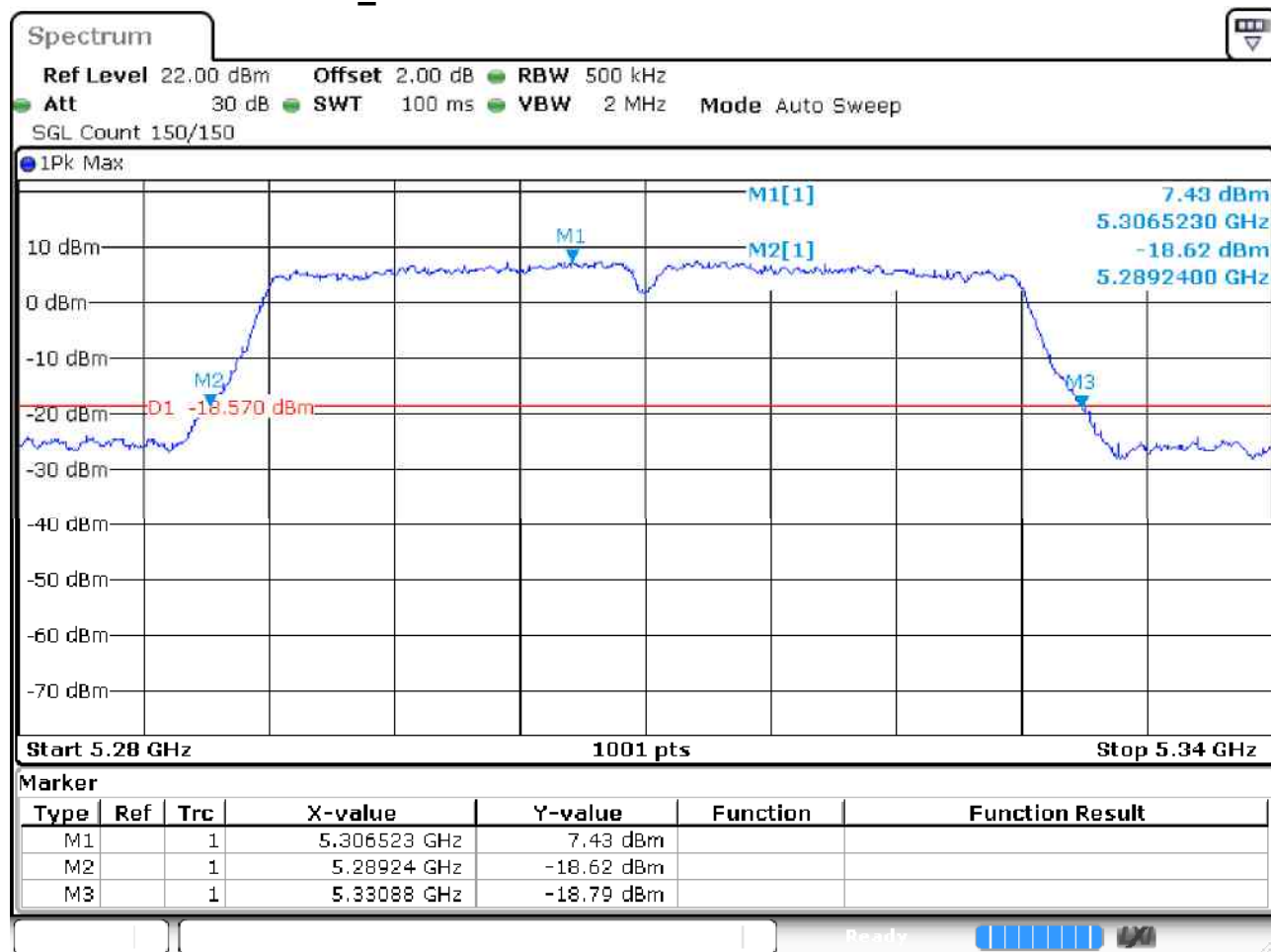
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## 4.5.1.146 11AC40\_62 ANT 1



Date: 5 JUN.2020 04:20:34

## 4.5.1.147 11AC40\_62 ANT 2



Date: 4.JUN.2020 07:24:09



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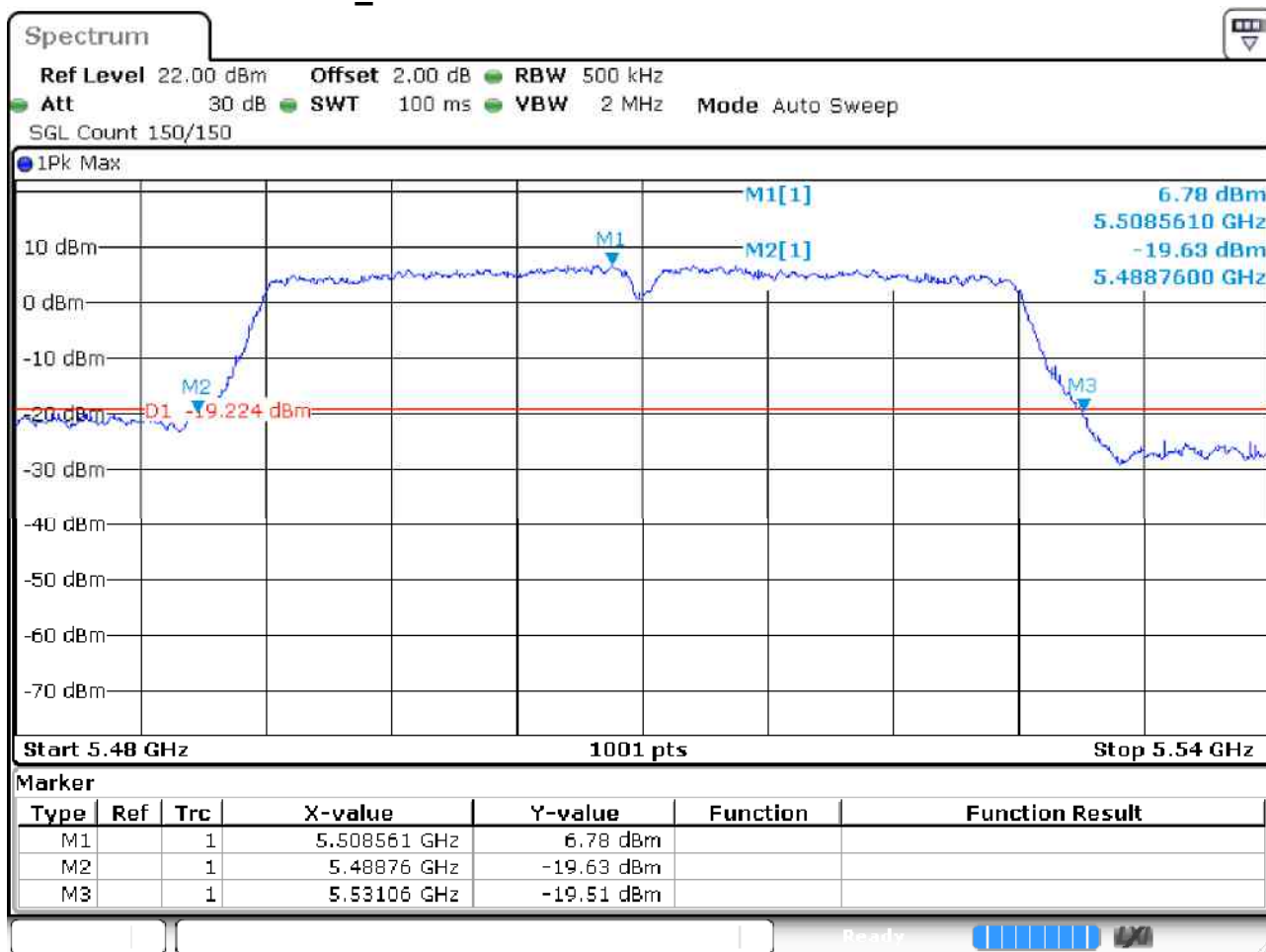
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## 4.5.1.148 11AC40\_102 ANT 1



Date: 5 JUN.2020 04:22:12



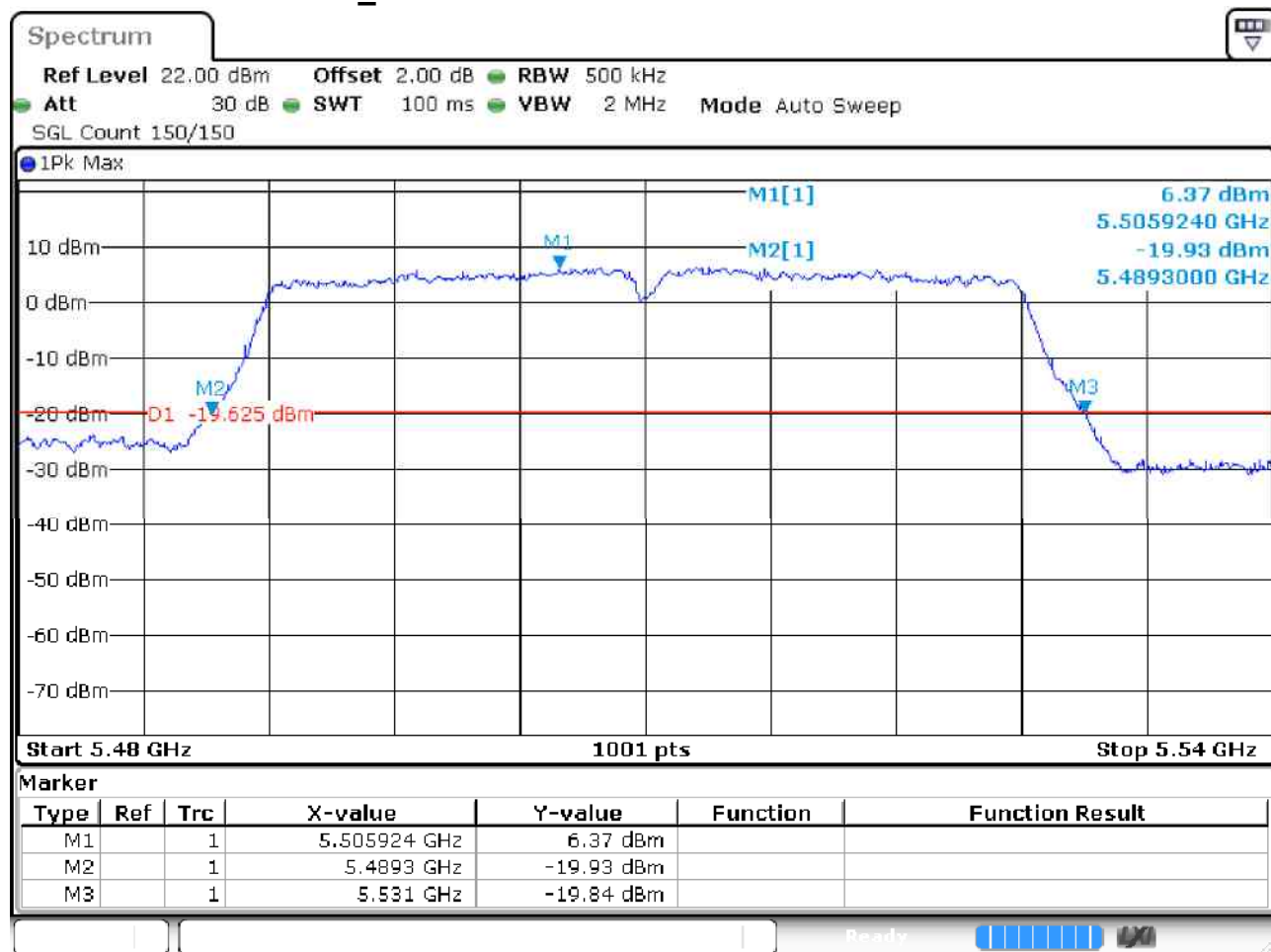
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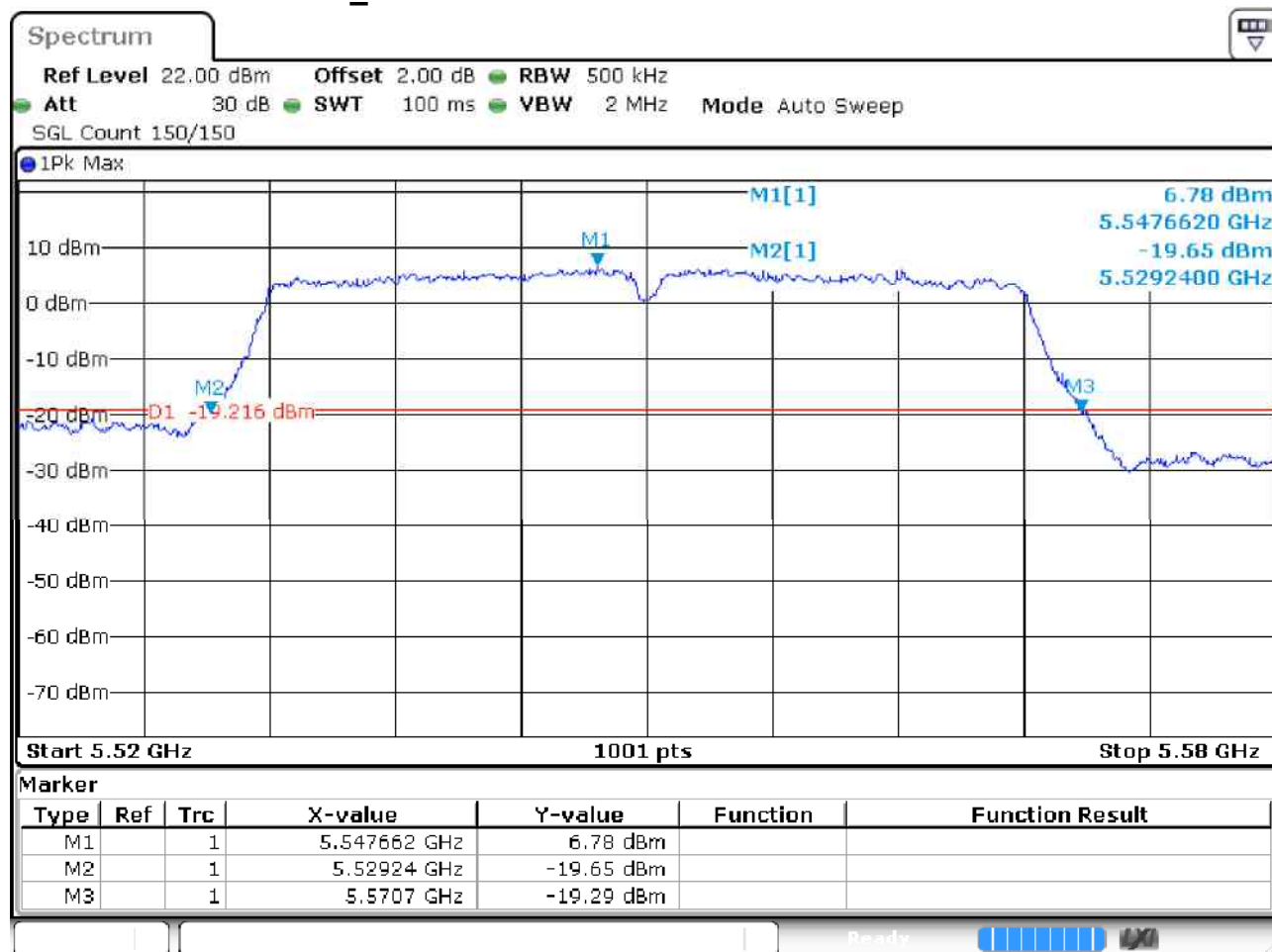
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## 4.5.1.149 11AC40\_102 ANT 2



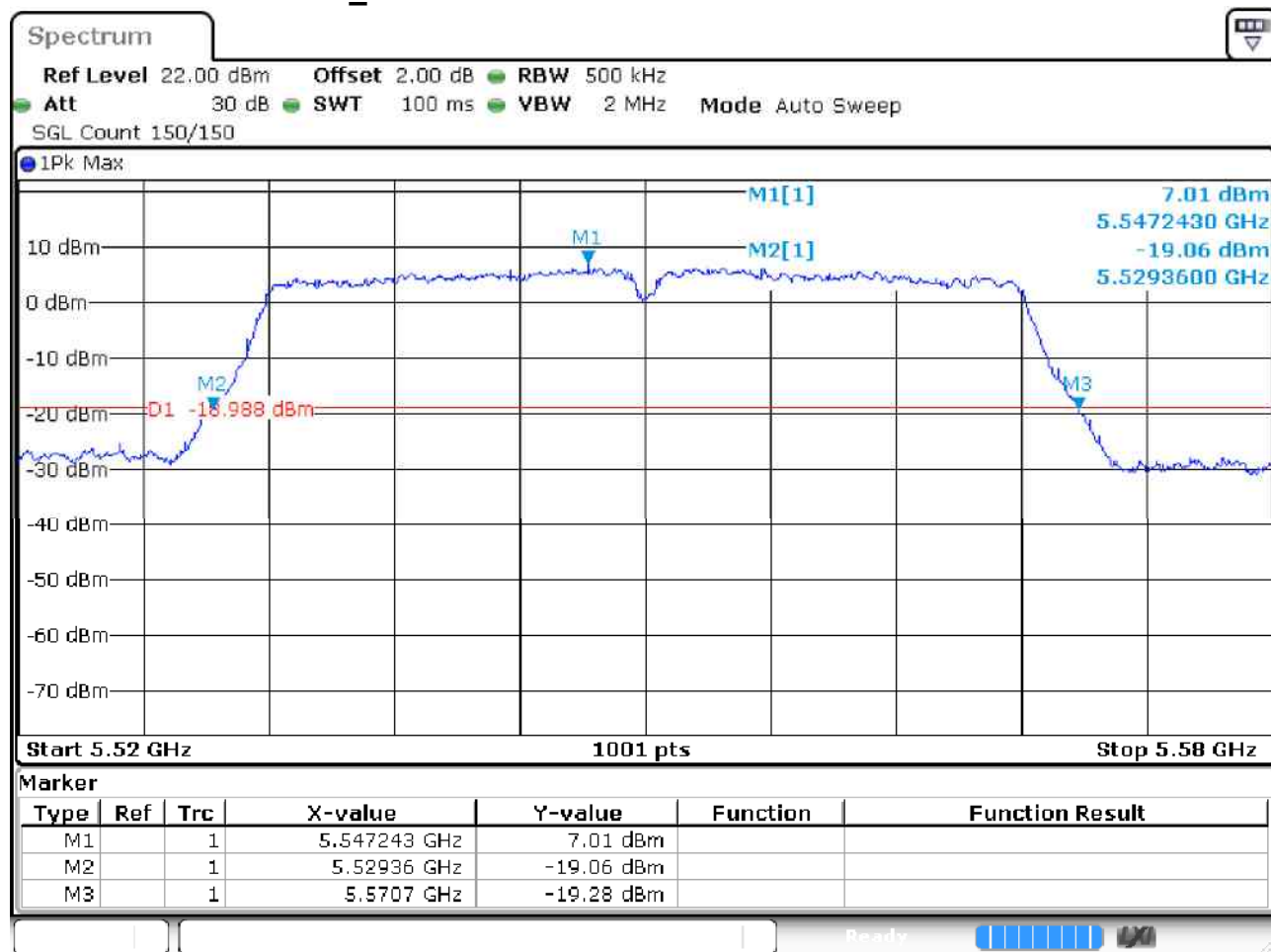
Date: 4.JUN.2020 07:26:10

## 4.5.1.150 11AC40\_110 ANT 1



Date: 5 JUN.2020 04:23:32

## 4.5.1.151 11AC40\_110 ANT 2



Date: 4.JUN.2020 07:27:30



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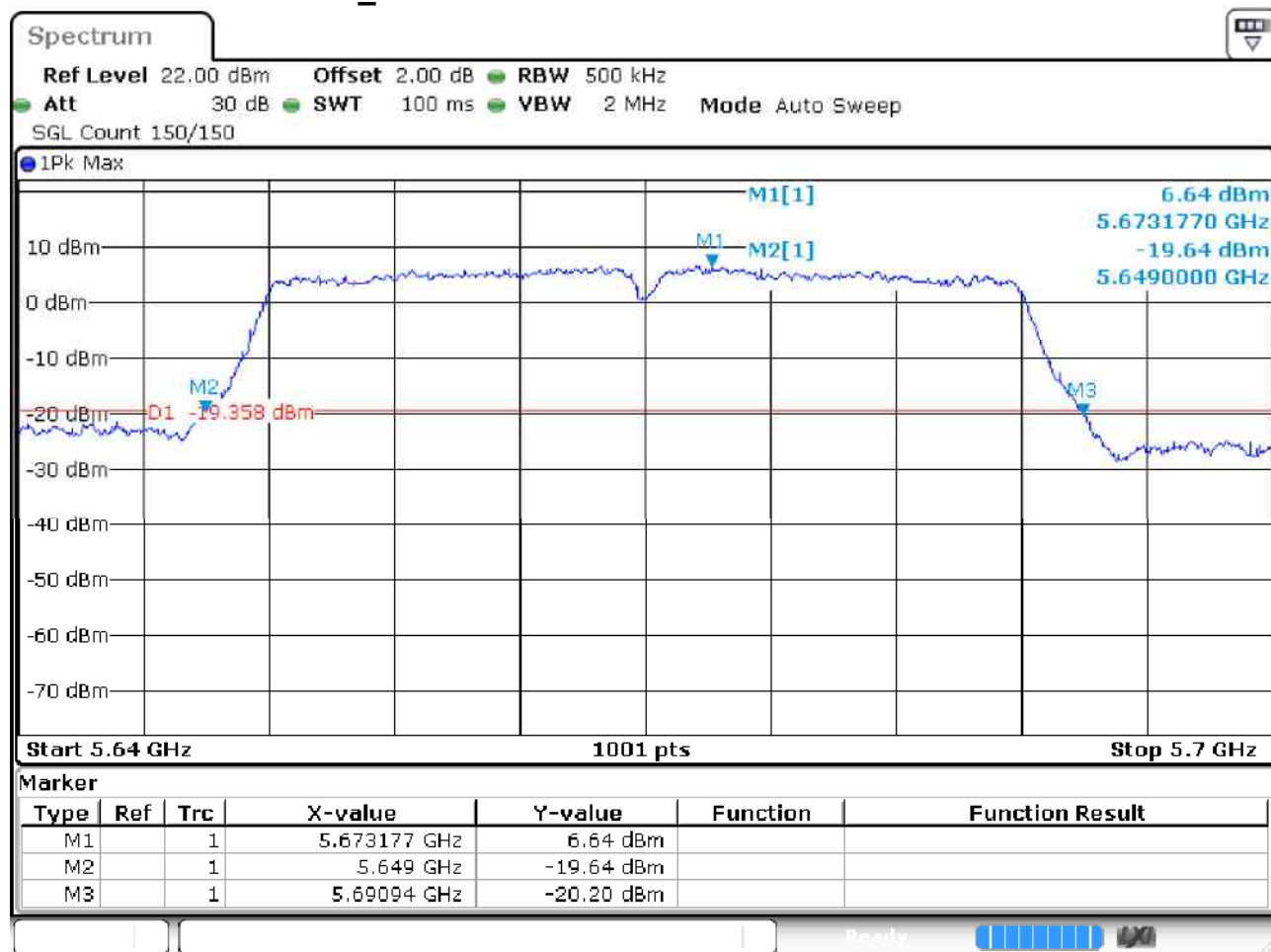
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## 4.5.1.152 11AC40\_134 ANT 1



Date: 5 JUN.2020 04:25:16

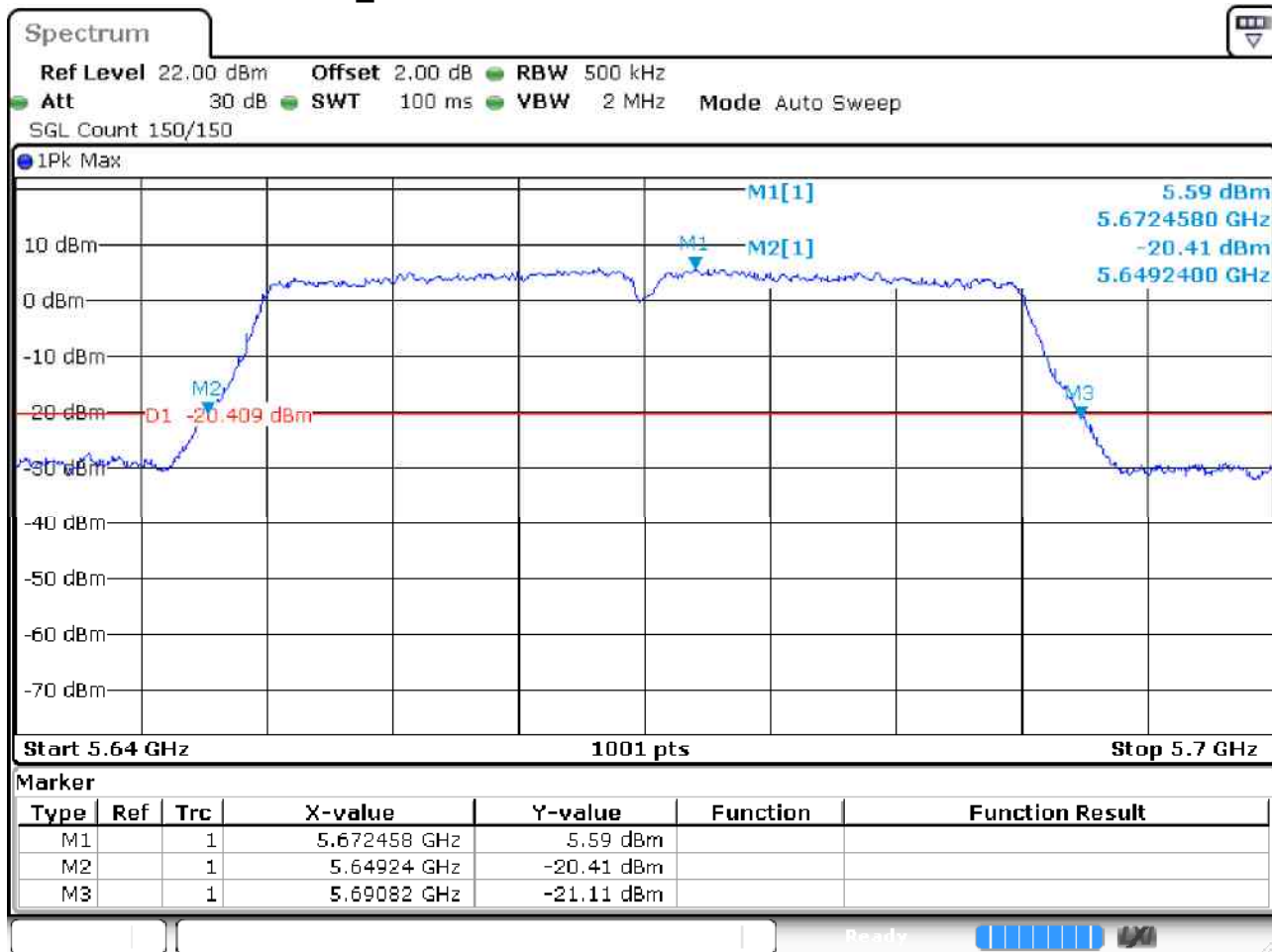


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## 4.5.1.153 11AC40\_134 ANT 2



Date: 4.JUN.2020 07:29:02



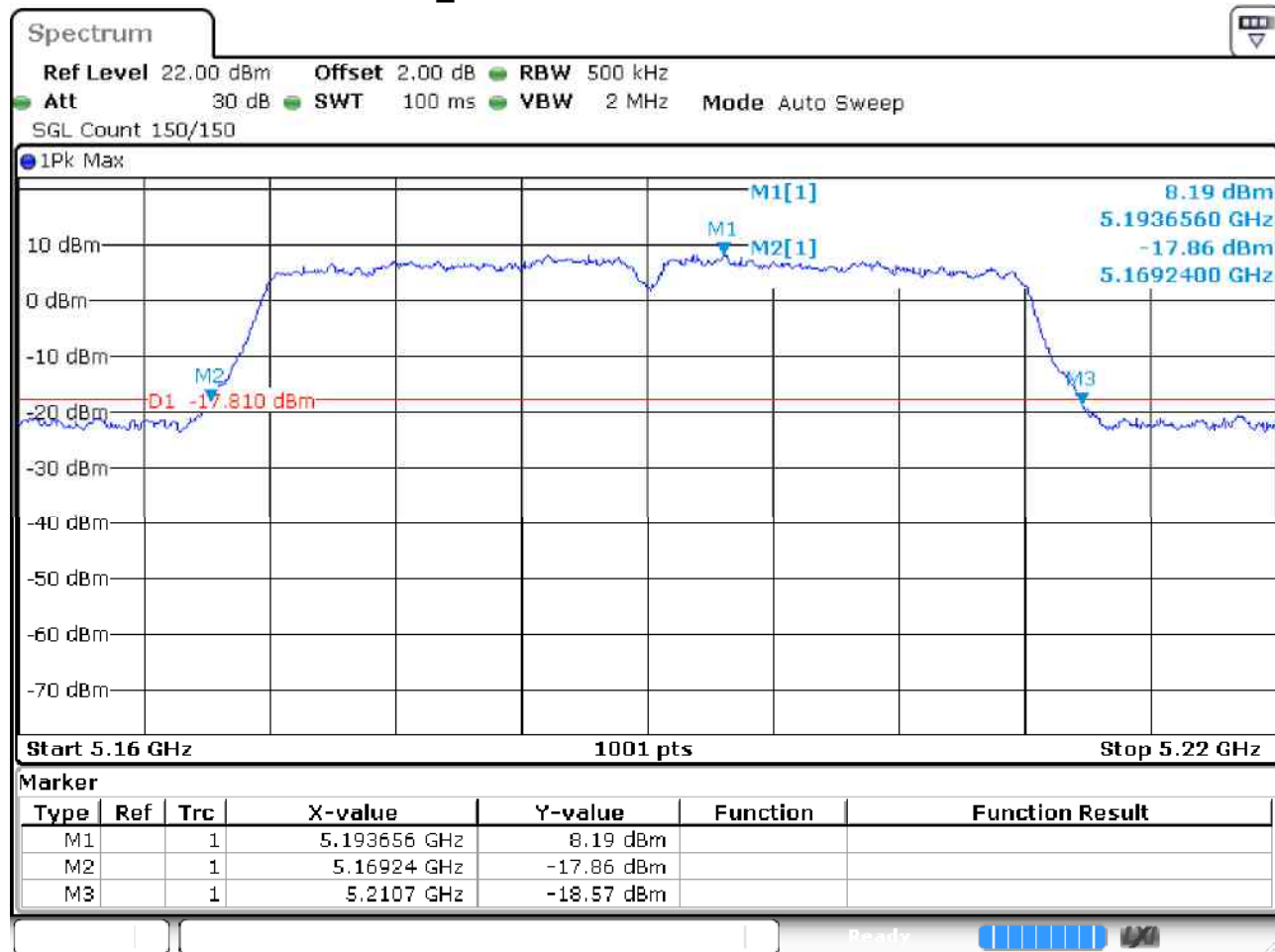
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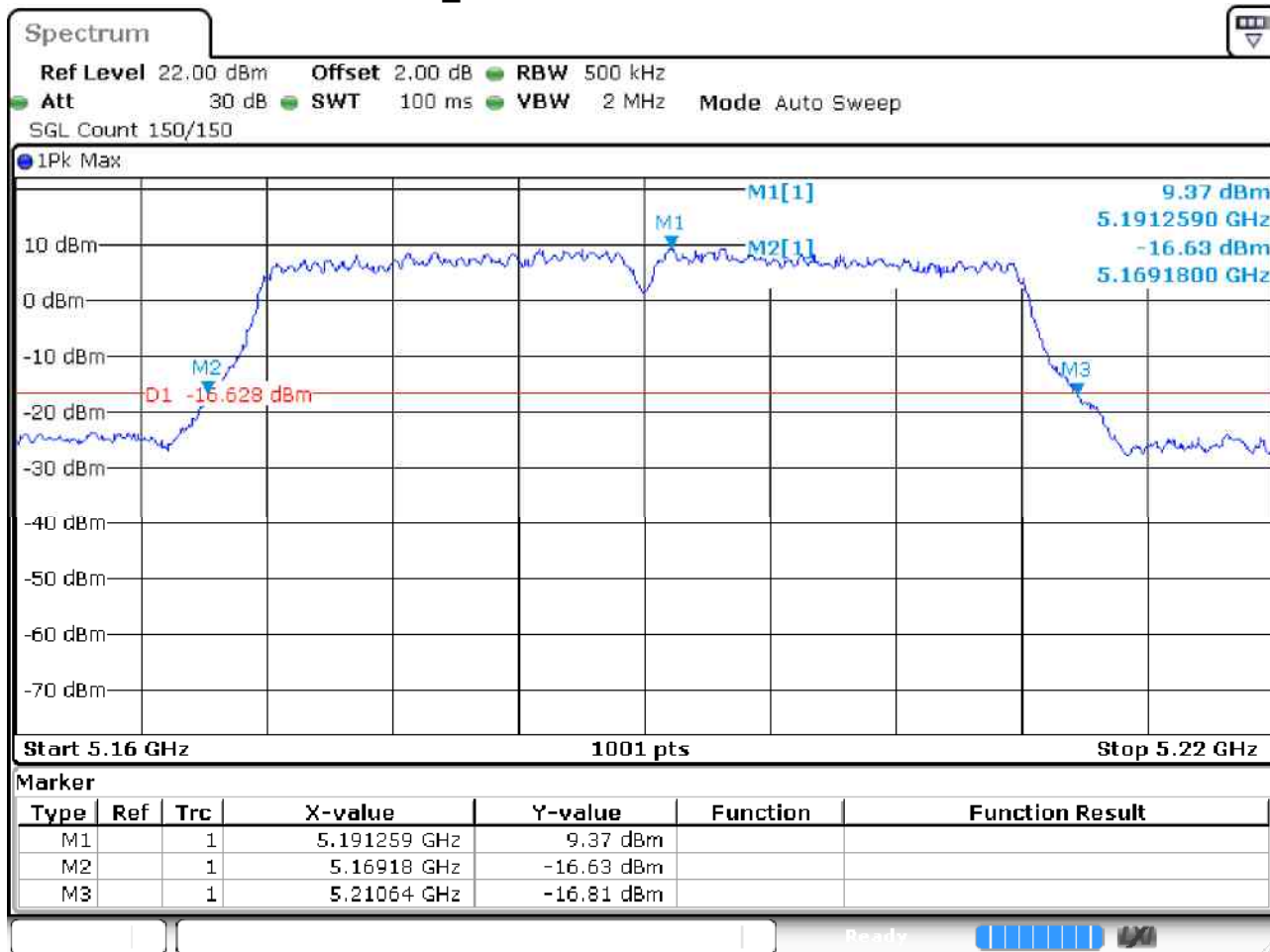
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## 4.5.1.154 11AC40MIMO\_38 ANT 1



Date: 4.JUN.2020 13:21:57

## 4.5.1.155 11AC40MIMO\_38 ANT 2



Date: 4.JUN.2020 09:51:11



## 4.5.1.156 11AC40MIMO\_46 ANT 1



Date: 4.JUN.2020 13:23:20



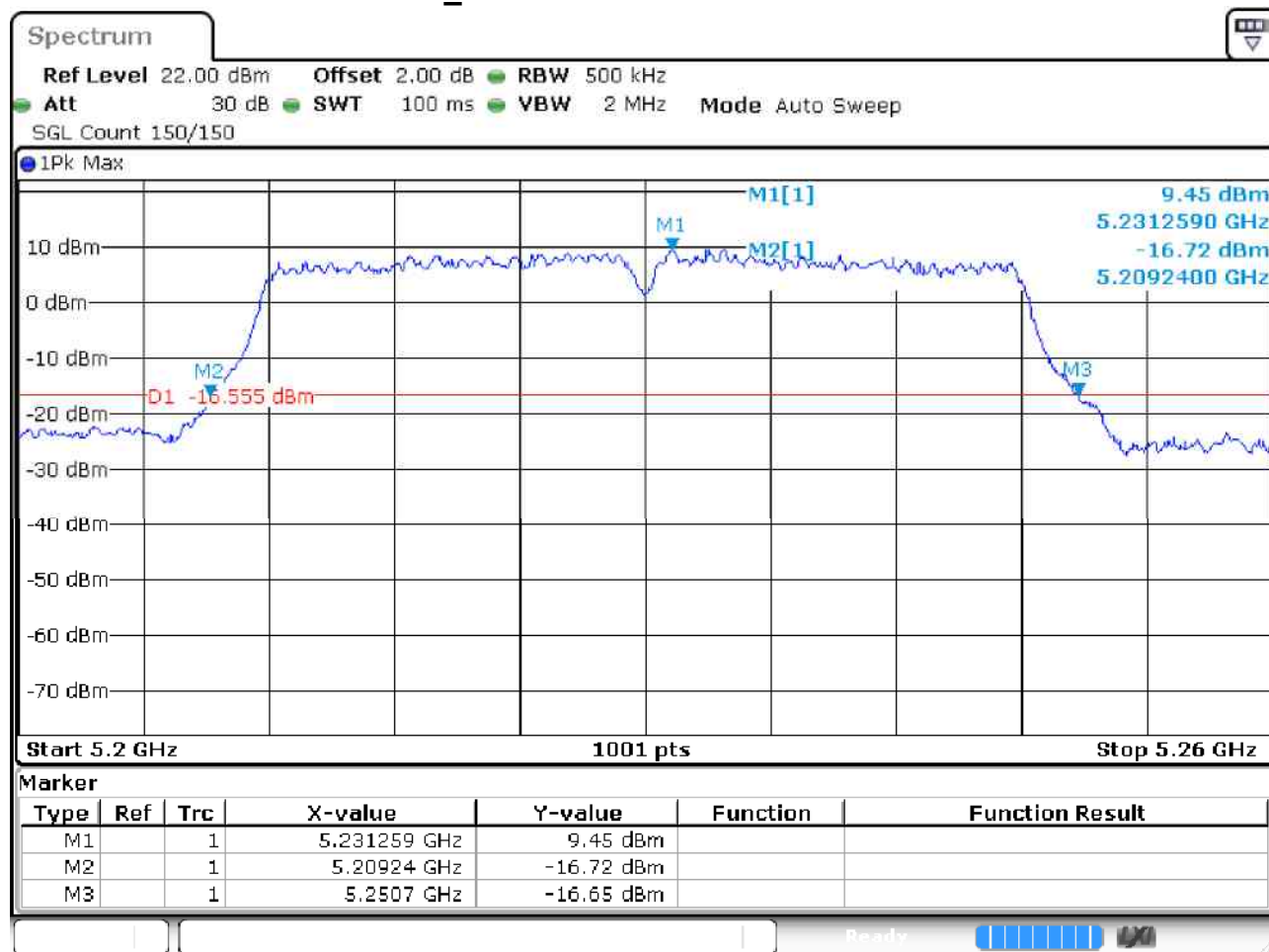
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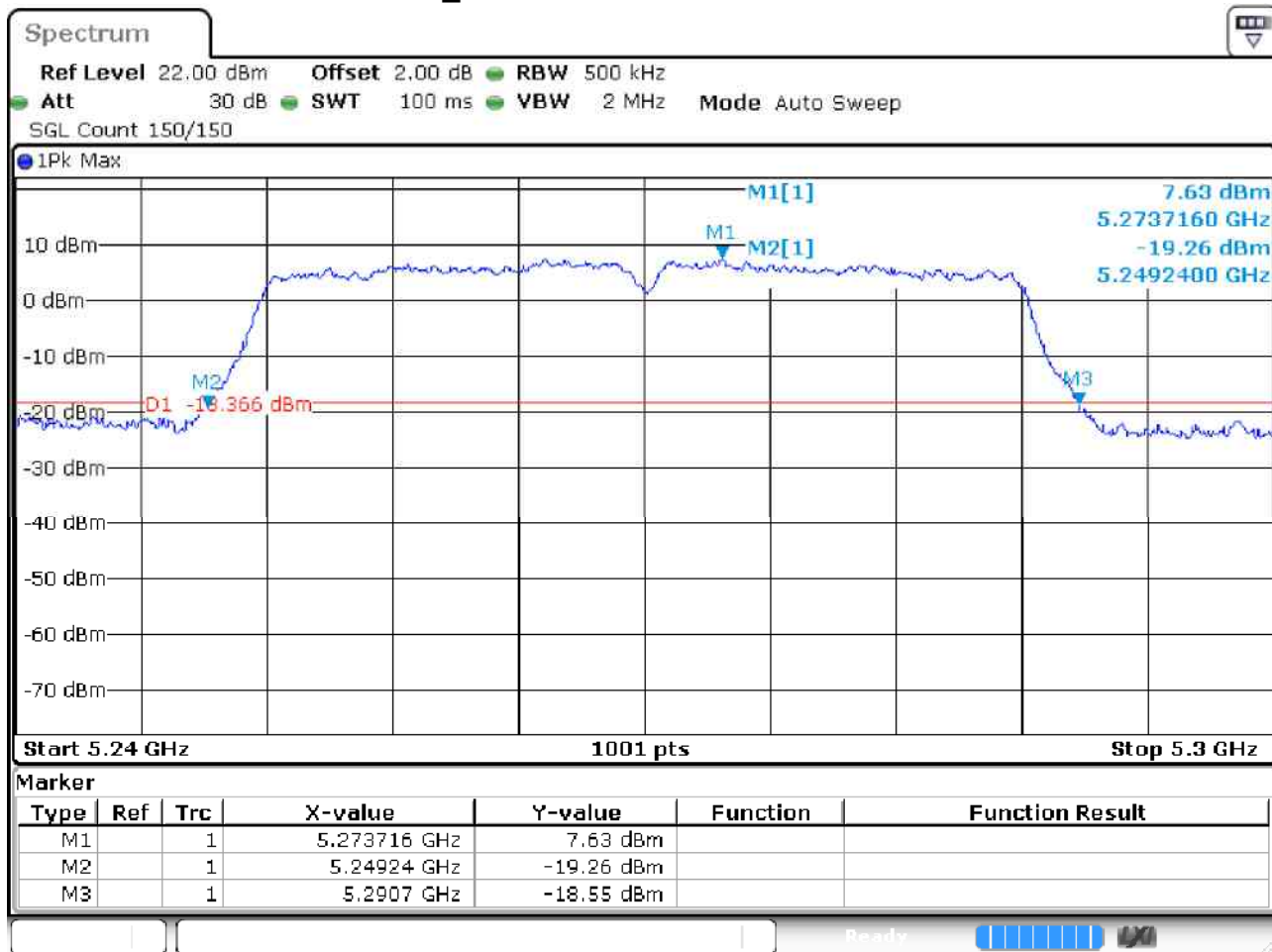
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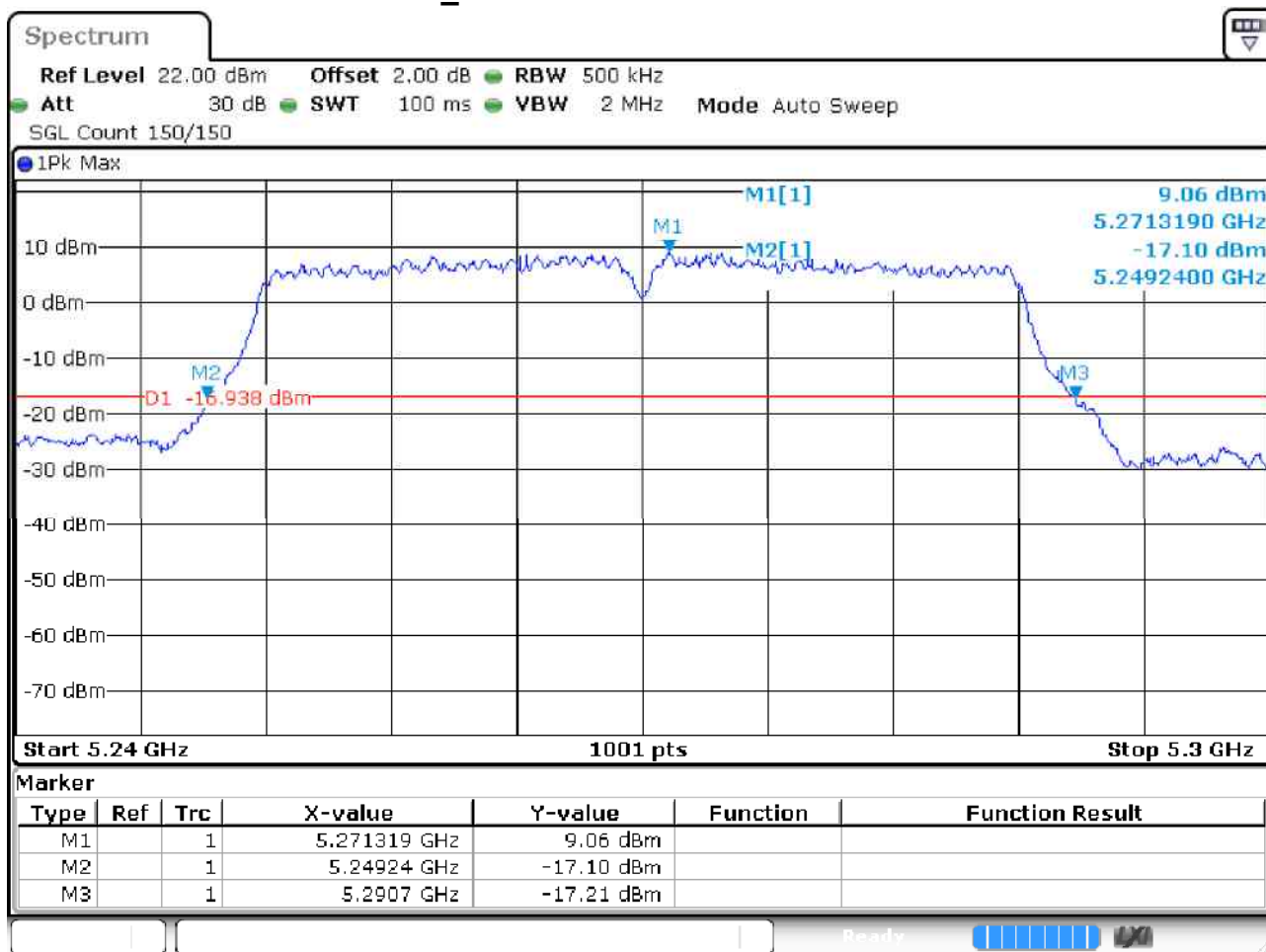
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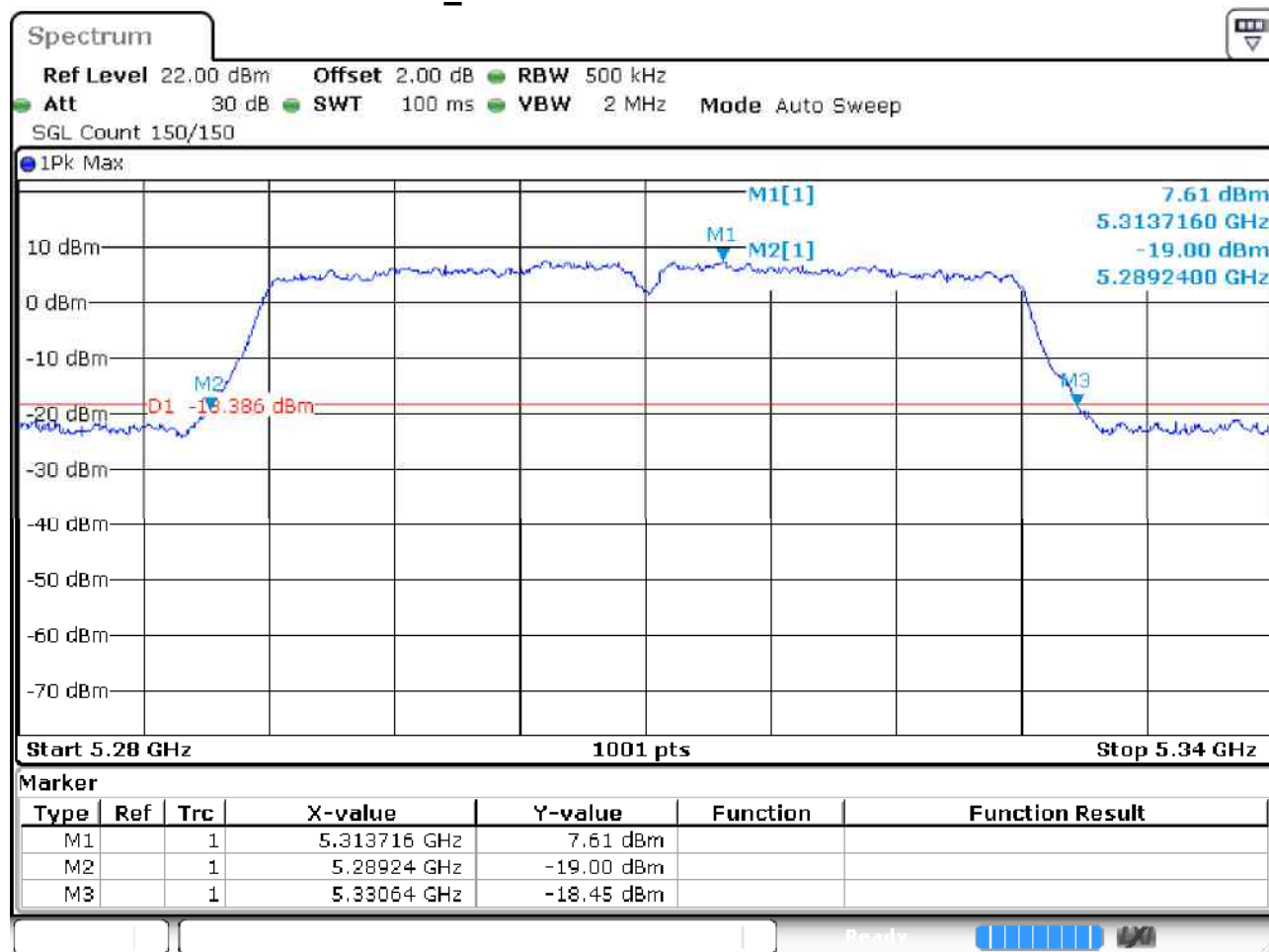
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Date: 4.JUN.2020 09:55:59



## 4.5.1.160 11AC40MIMO\_62 ANT 1



Date: 4.JUN.2020 13:26:28

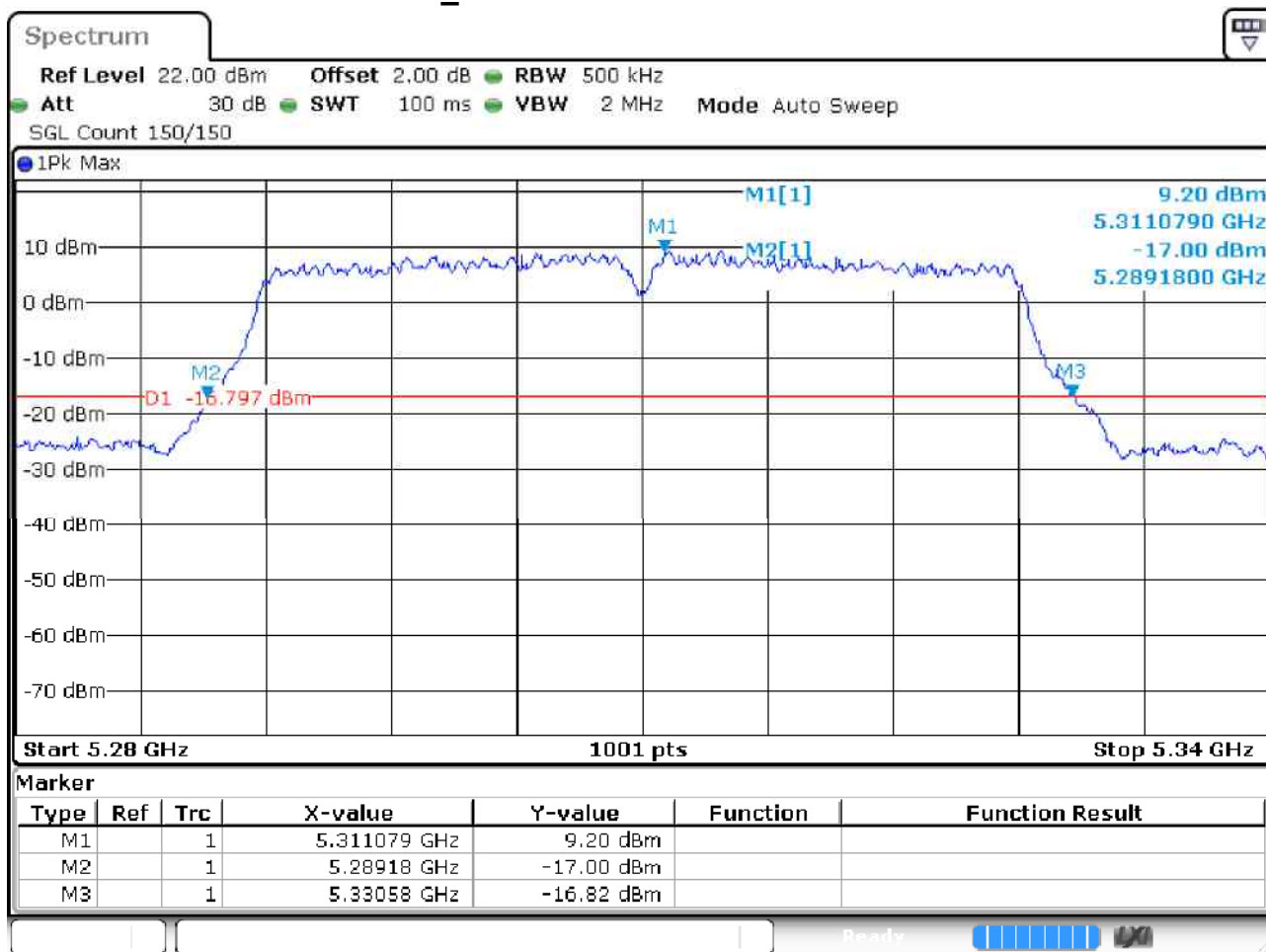


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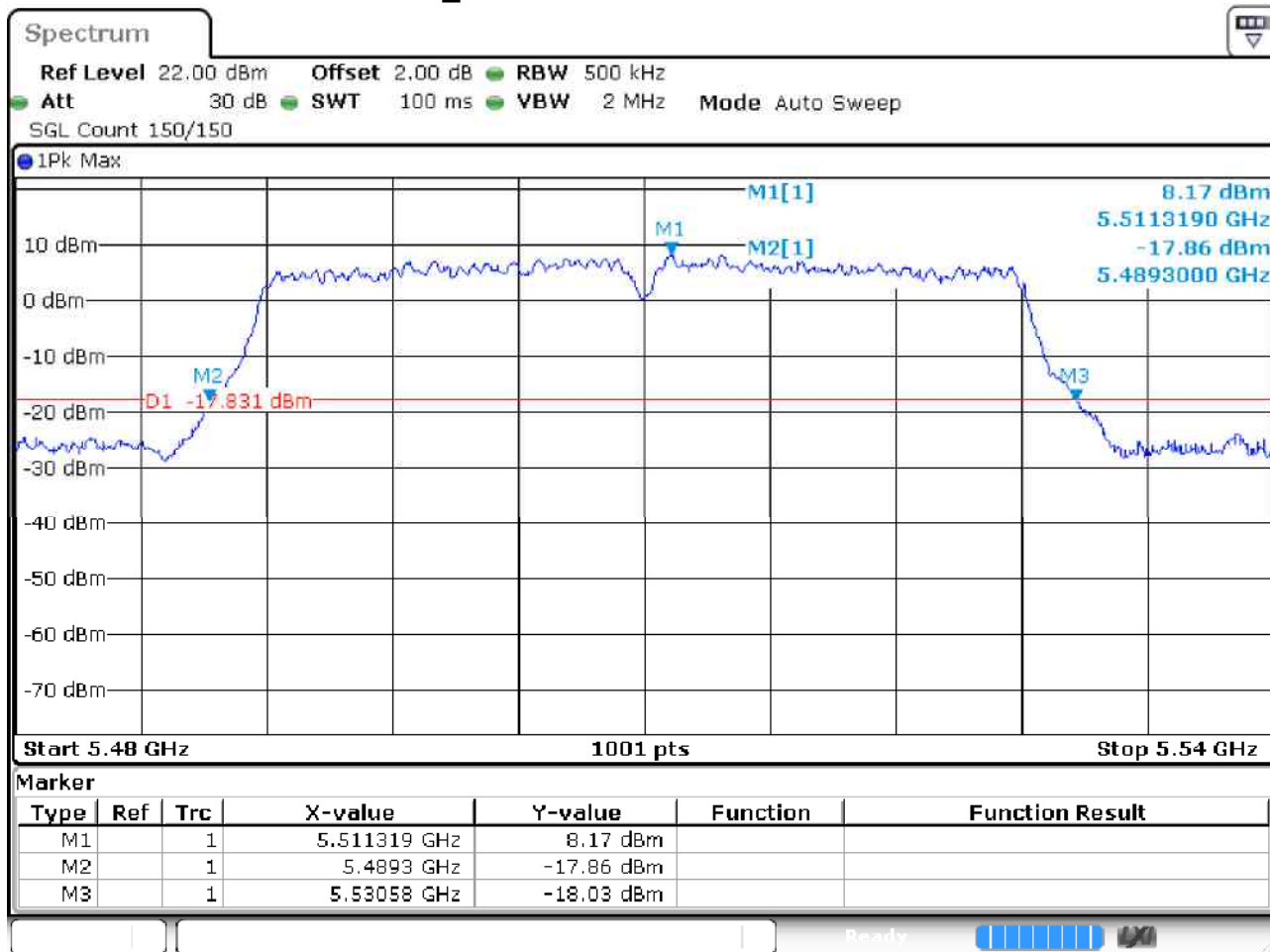
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## 4.5.1.161 11AC40MIMO\_62 ANT 2



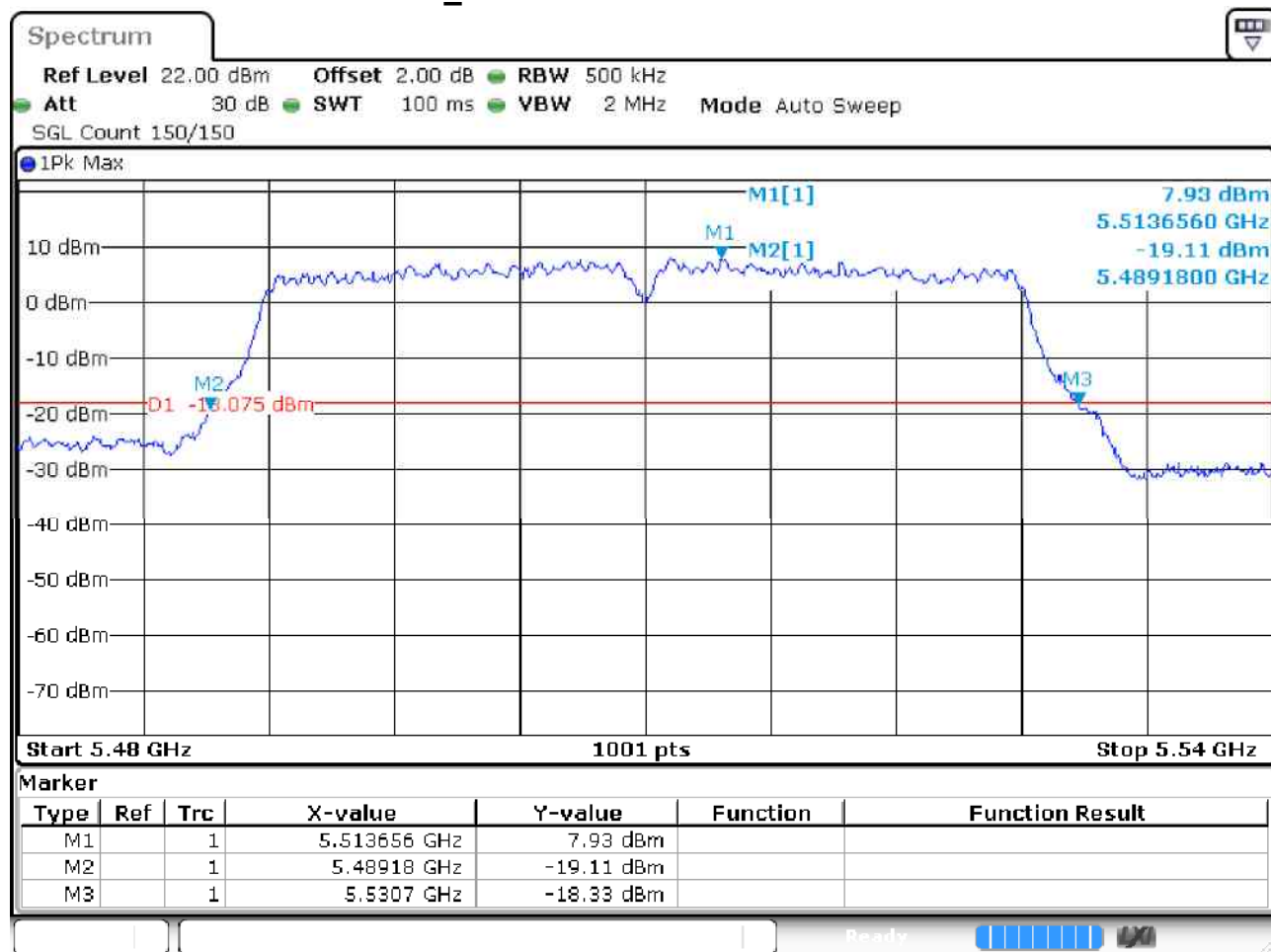
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## 4.5.1.162 11AC40MIMO\_102 ANT 1



Date: 4.JUN.2020 14:45:53

## 4.5.1.163 11AC40MIMO\_102 ANT 2



Date: 4.JUN.2020 10:01:06



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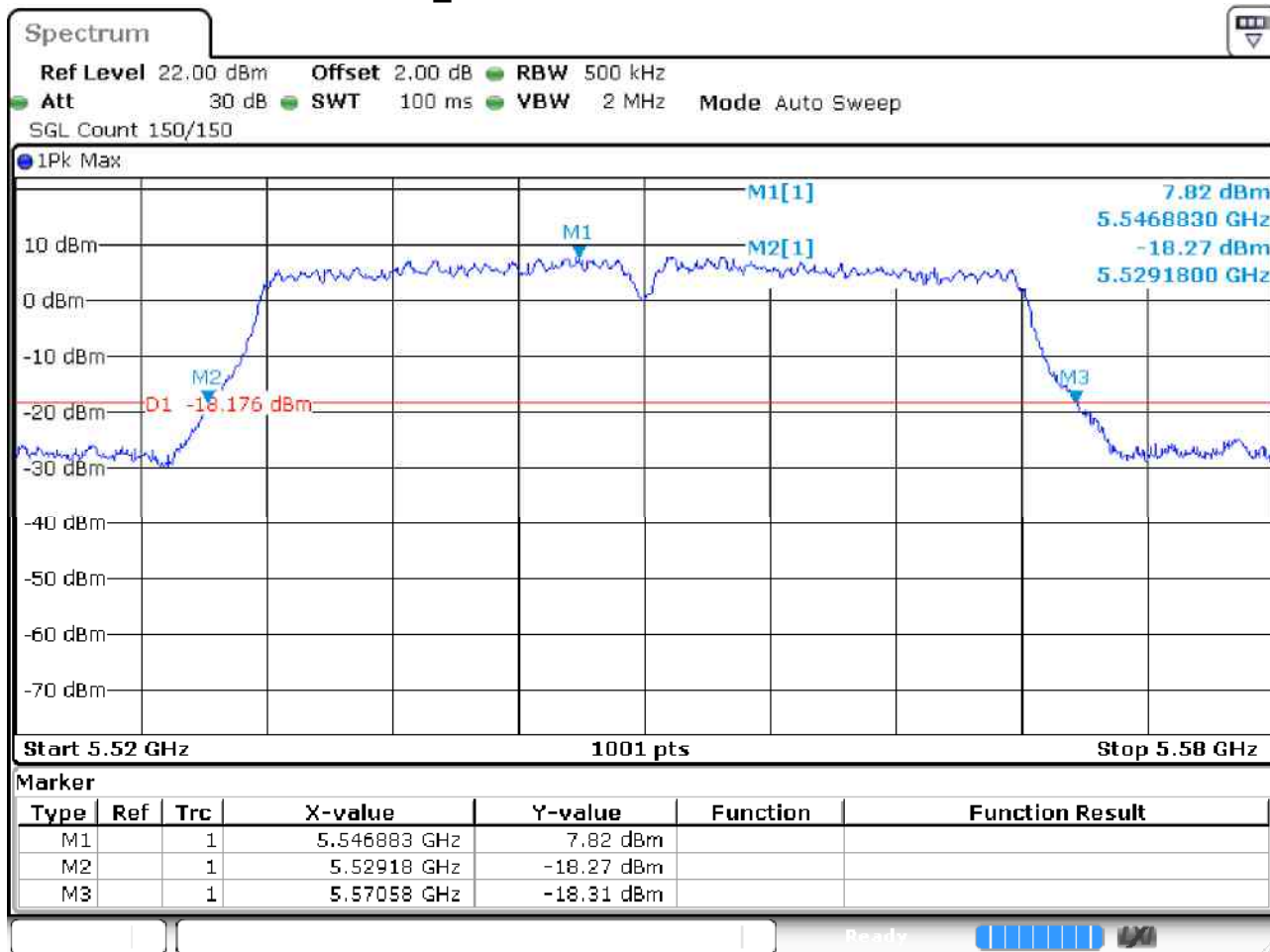
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## 4.5.1.164 11AC40MIMO\_110 ANT 1



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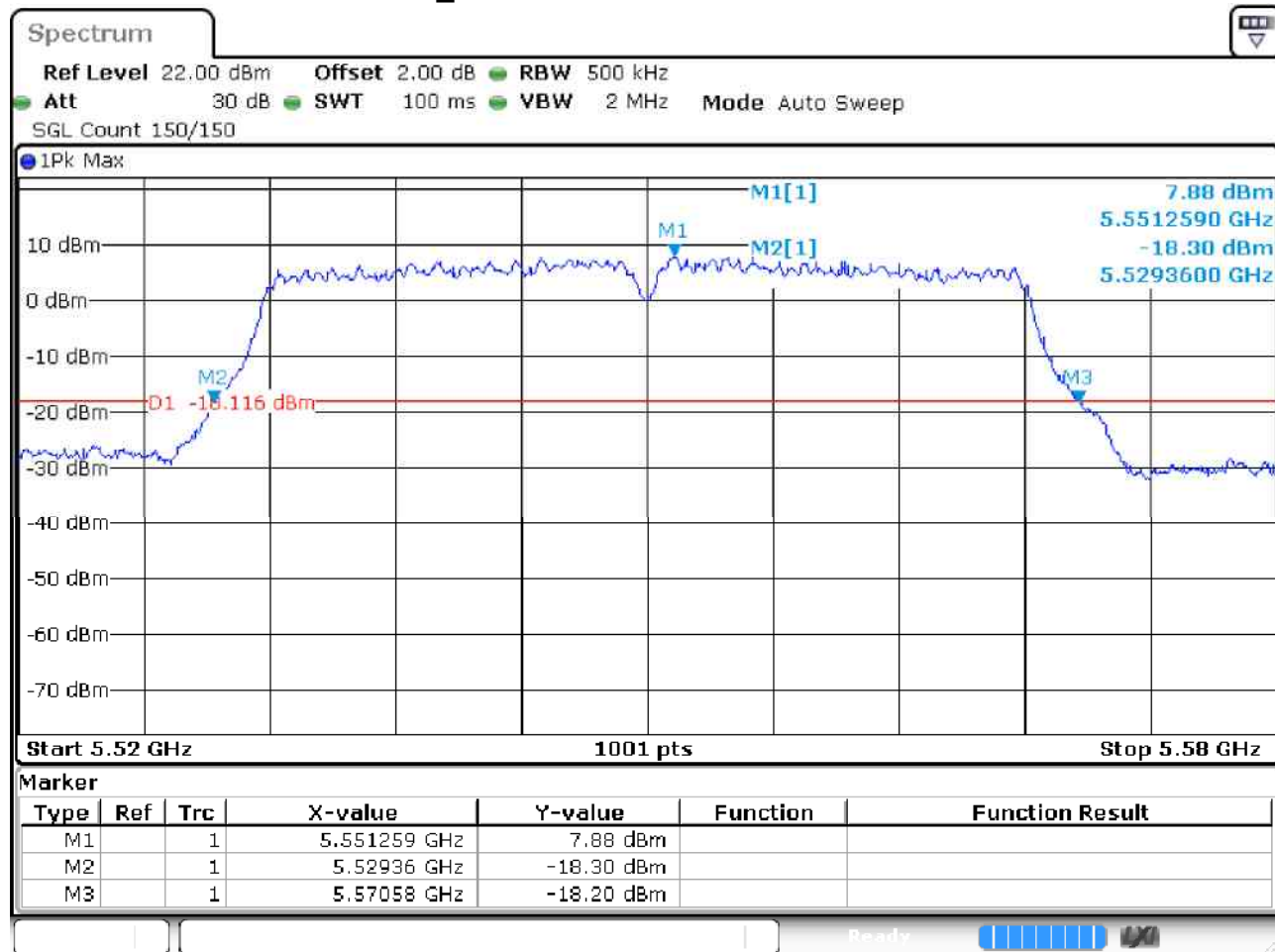
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#### 4.5.1.165 11AC40MIMO\_110 ANT 2



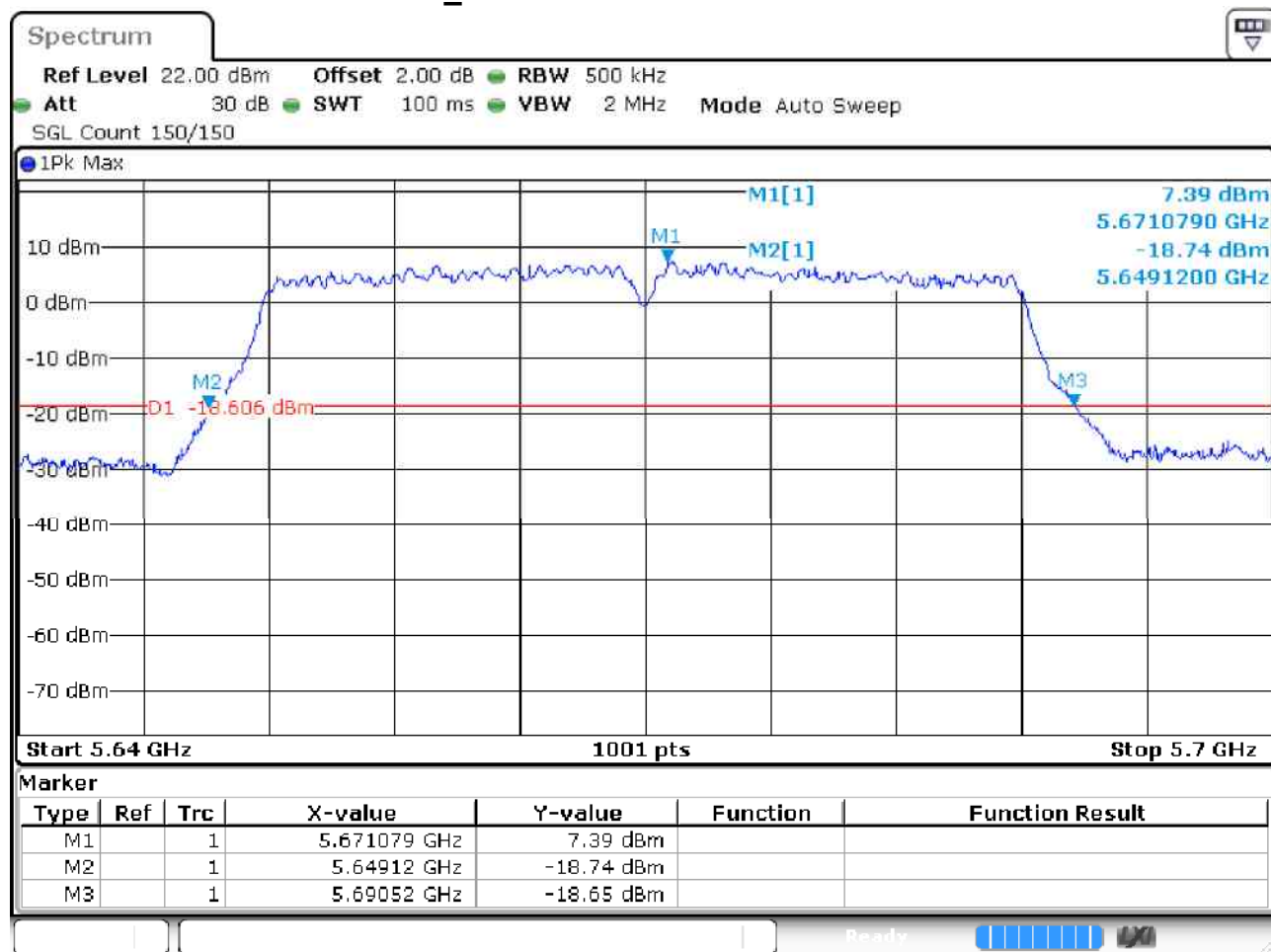
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## 4.5.1.166 11AC40MIMO\_134 ANT 1



Date: 4.JUN.2020 14:48:58



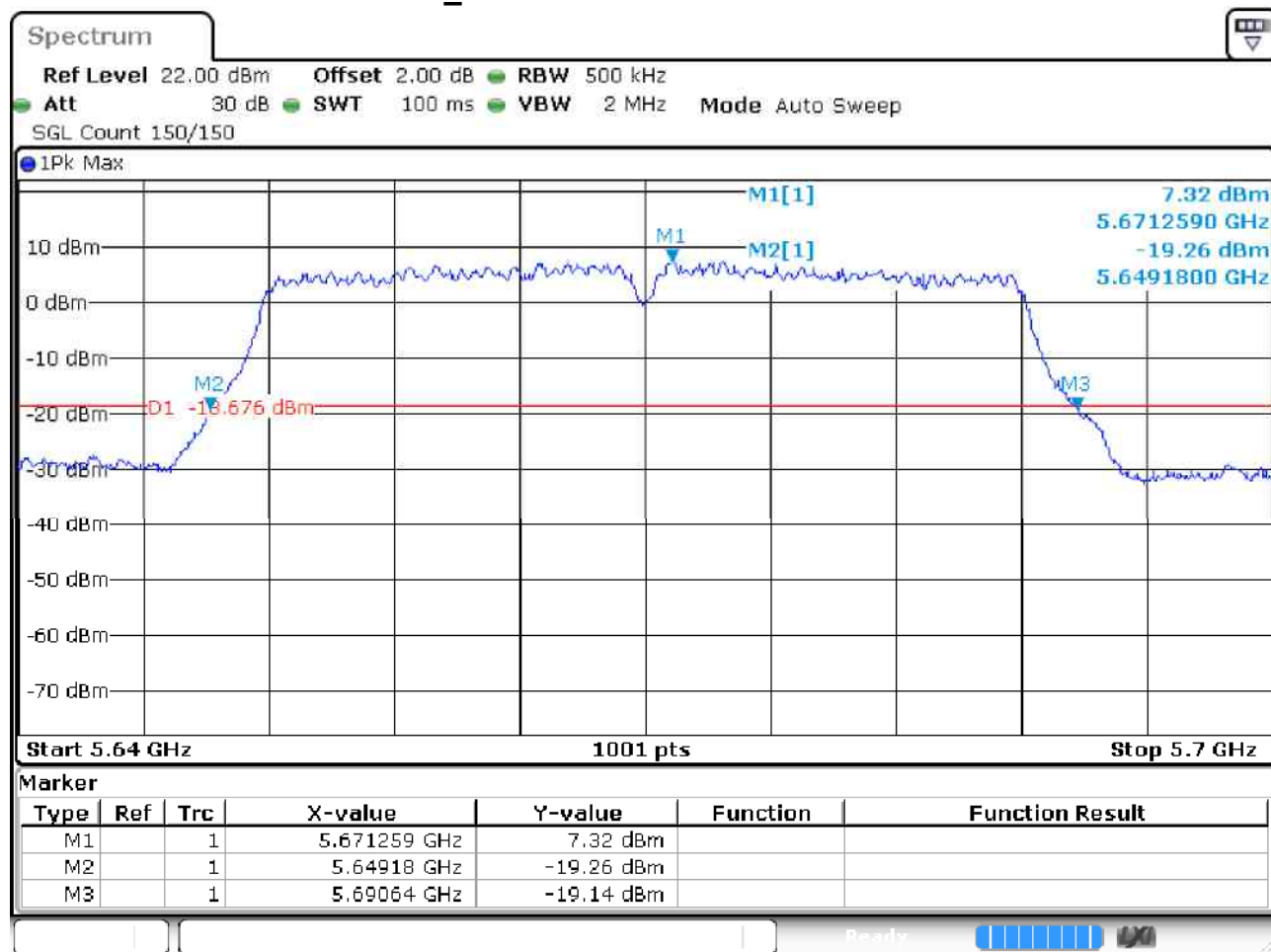
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## 4.5.1.167 11AC40MIMO\_134 ANT 2



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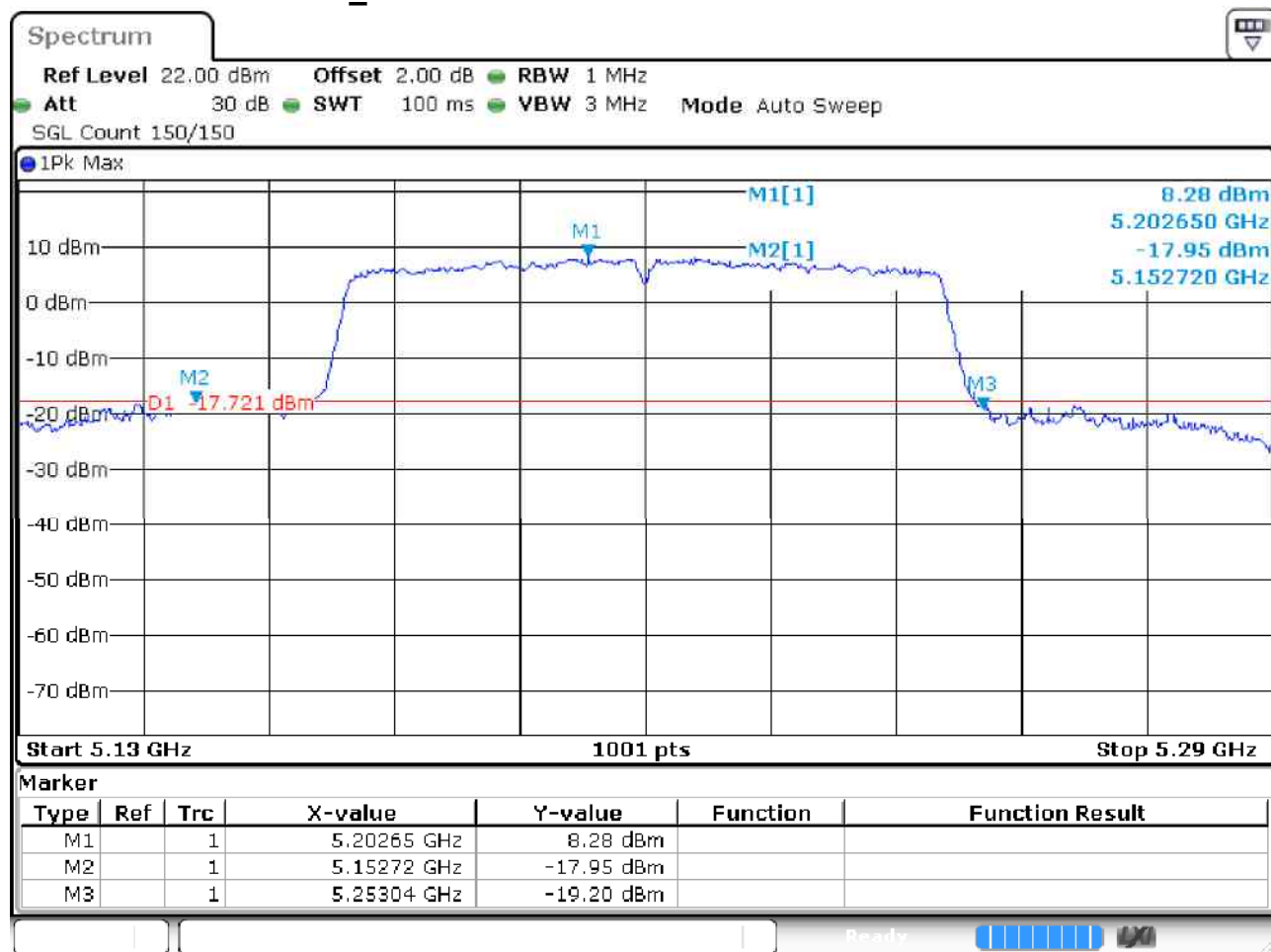
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## 4.5.1.168 11AC80\_42 ANT 1



Date: 5 JUN.2020 04:30:08



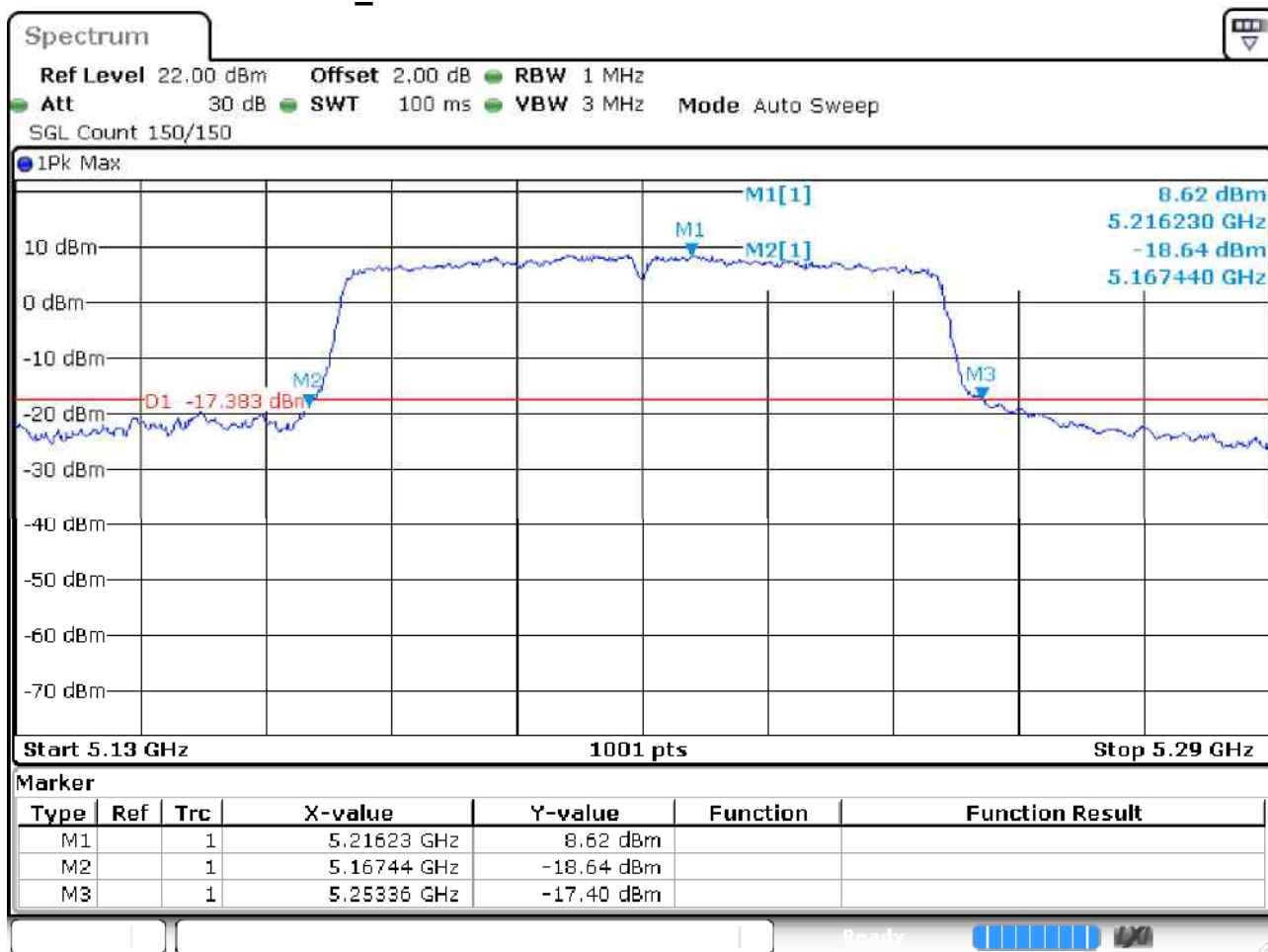
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## 4.5.1.169 11AC80\_42 ANT 2



Date: 4.JUN.2020 07:34:43



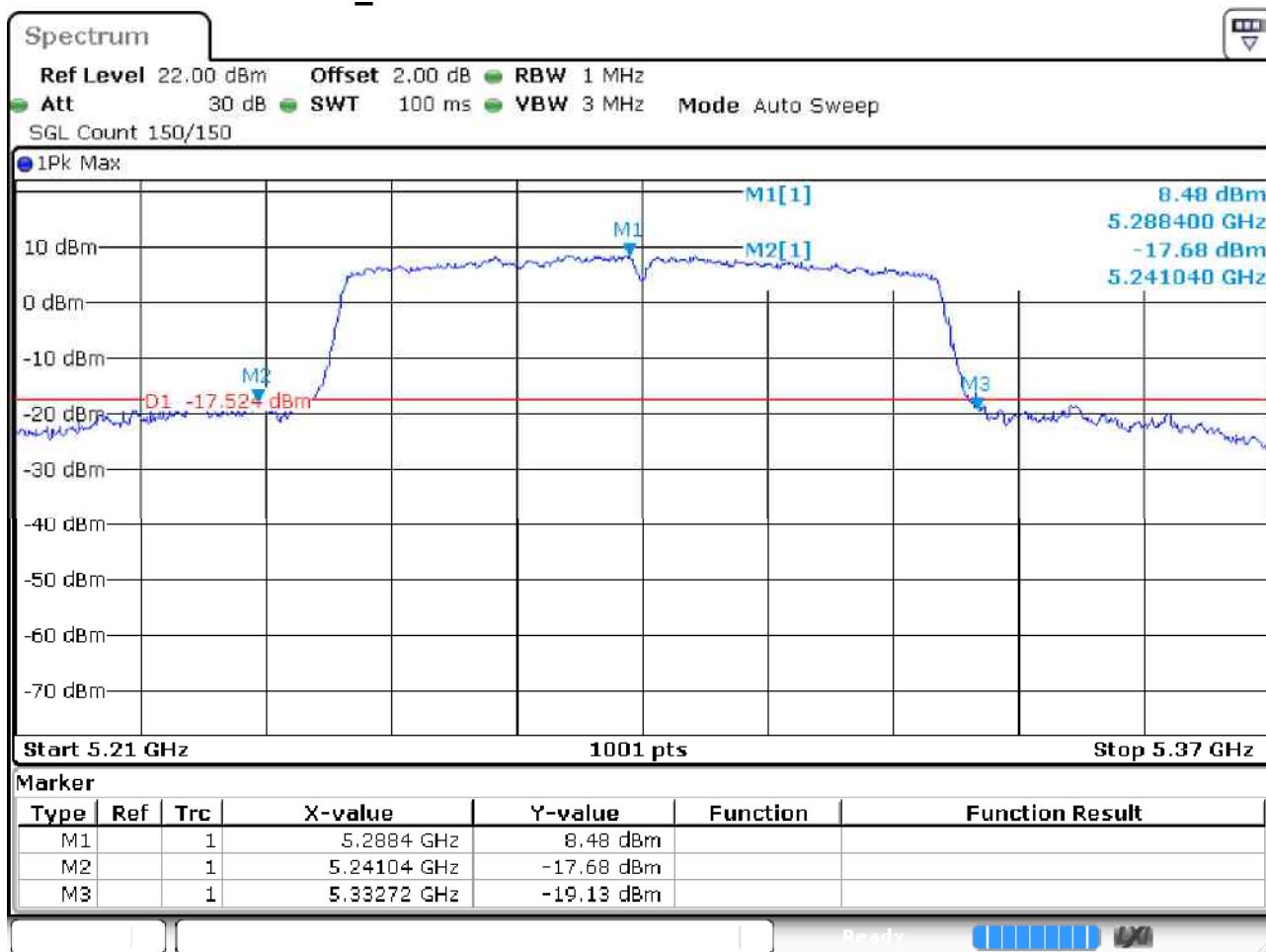
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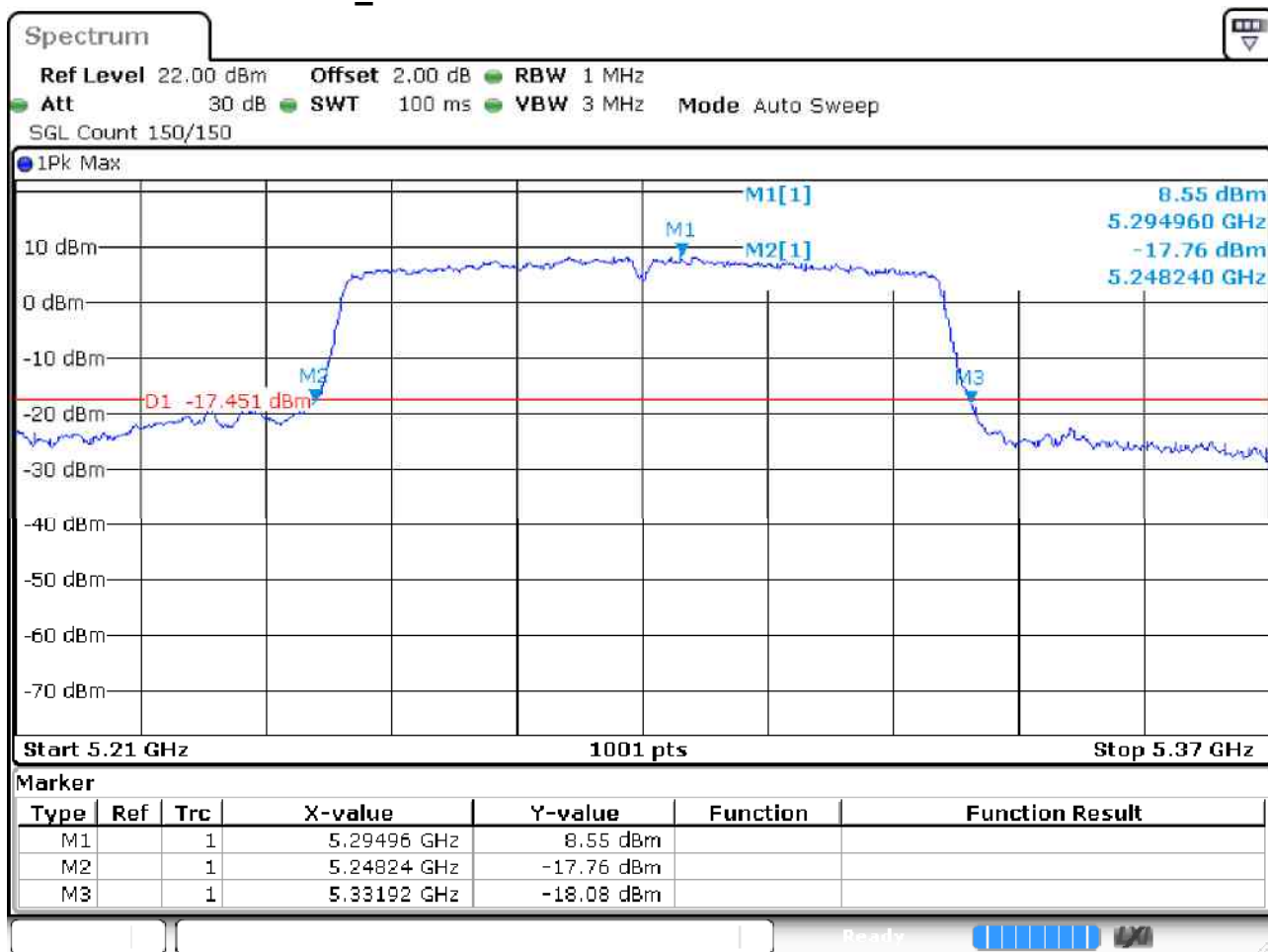
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## 4.5.1.170 11AC80\_58 ANT 1



Date: 5 JUN.2020 04:32:04

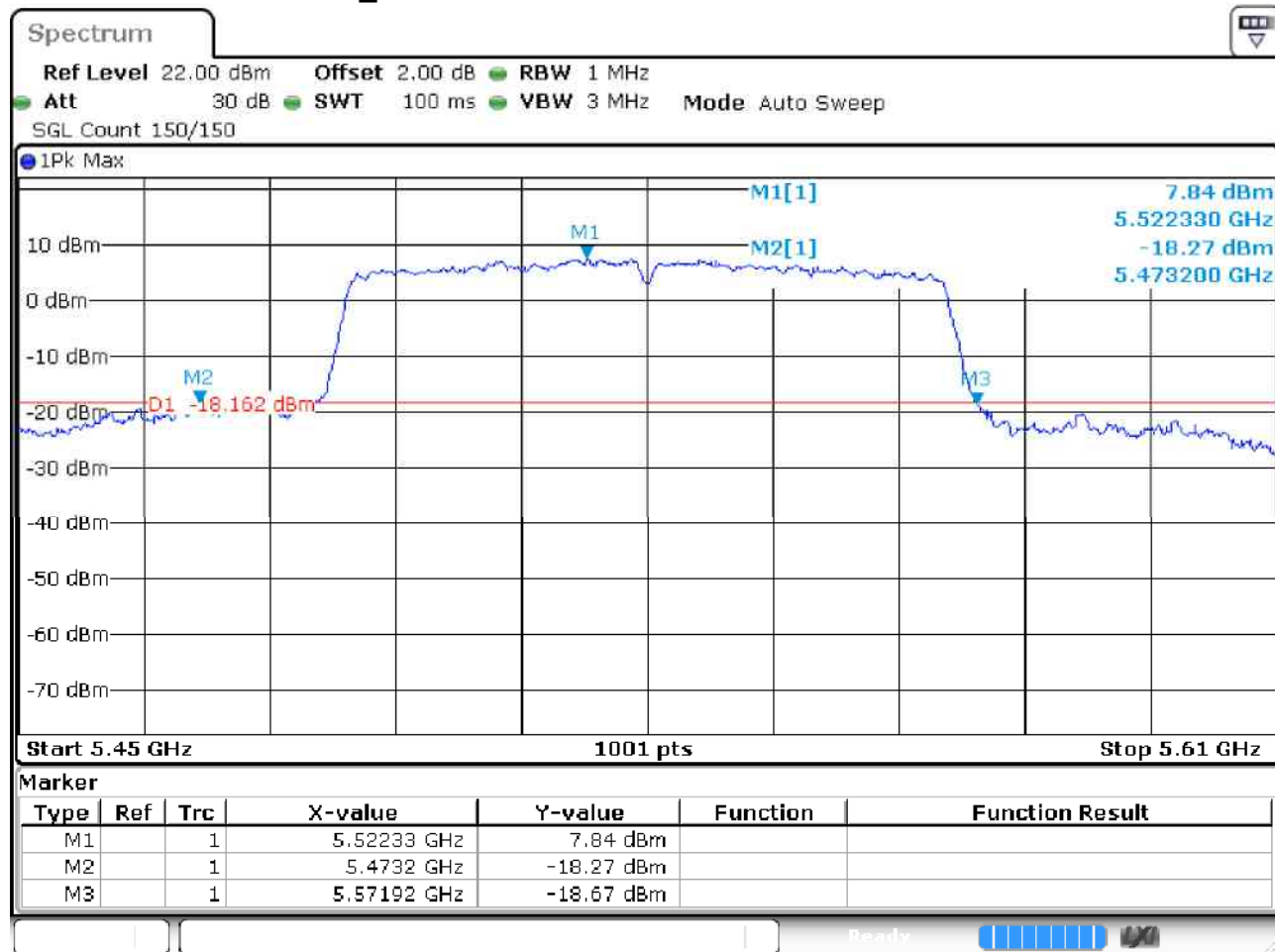
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Date: 4 JUN.2020 07:36:37



## 4.5.1.172 11AC80\_106 ANT 1



Date: 5 JUN.2020 04:33:46



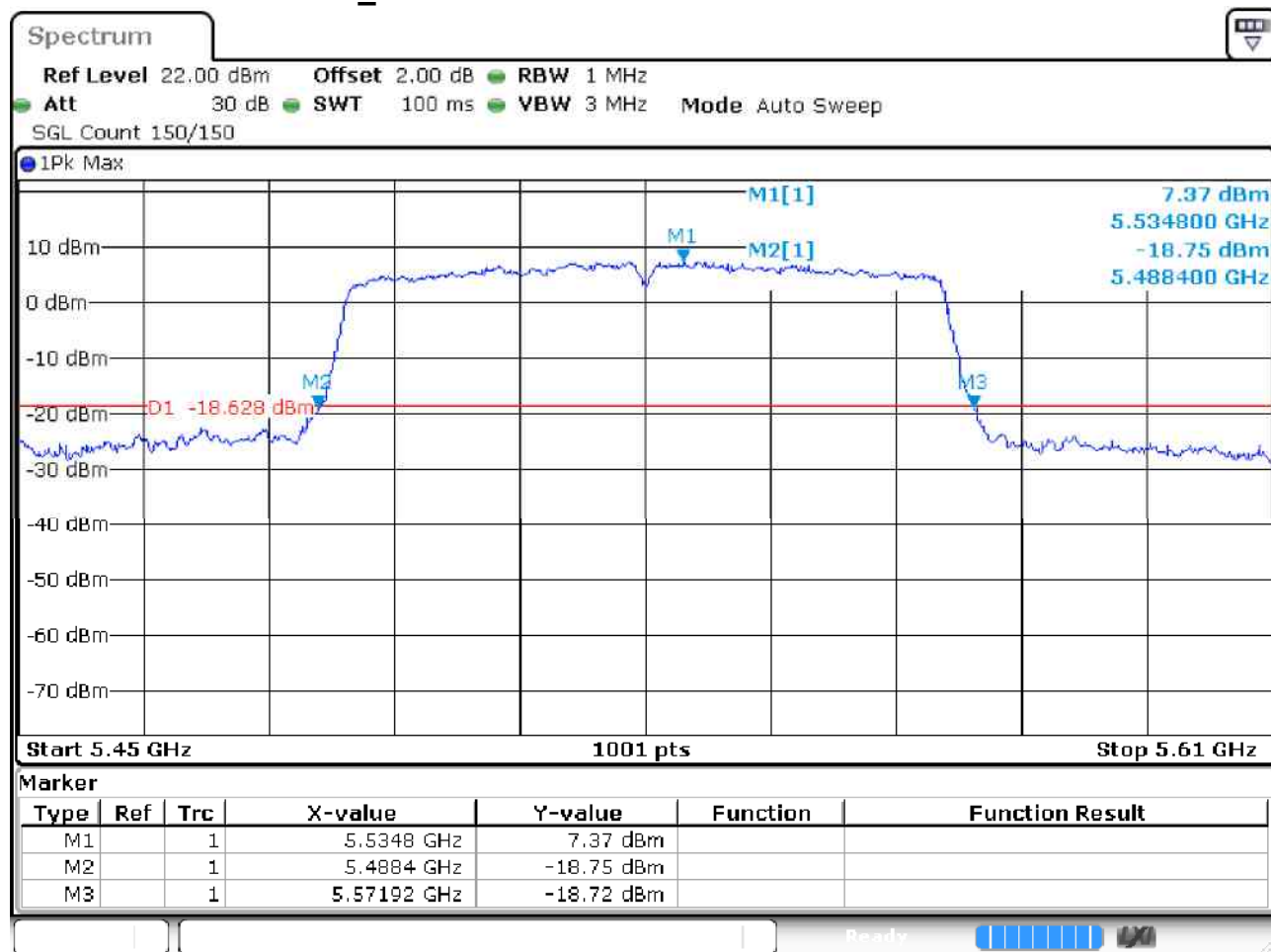
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## 4.5.1.173 11AC80\_106 ANT 2



Date: 4.JUN.2020 07:38:18



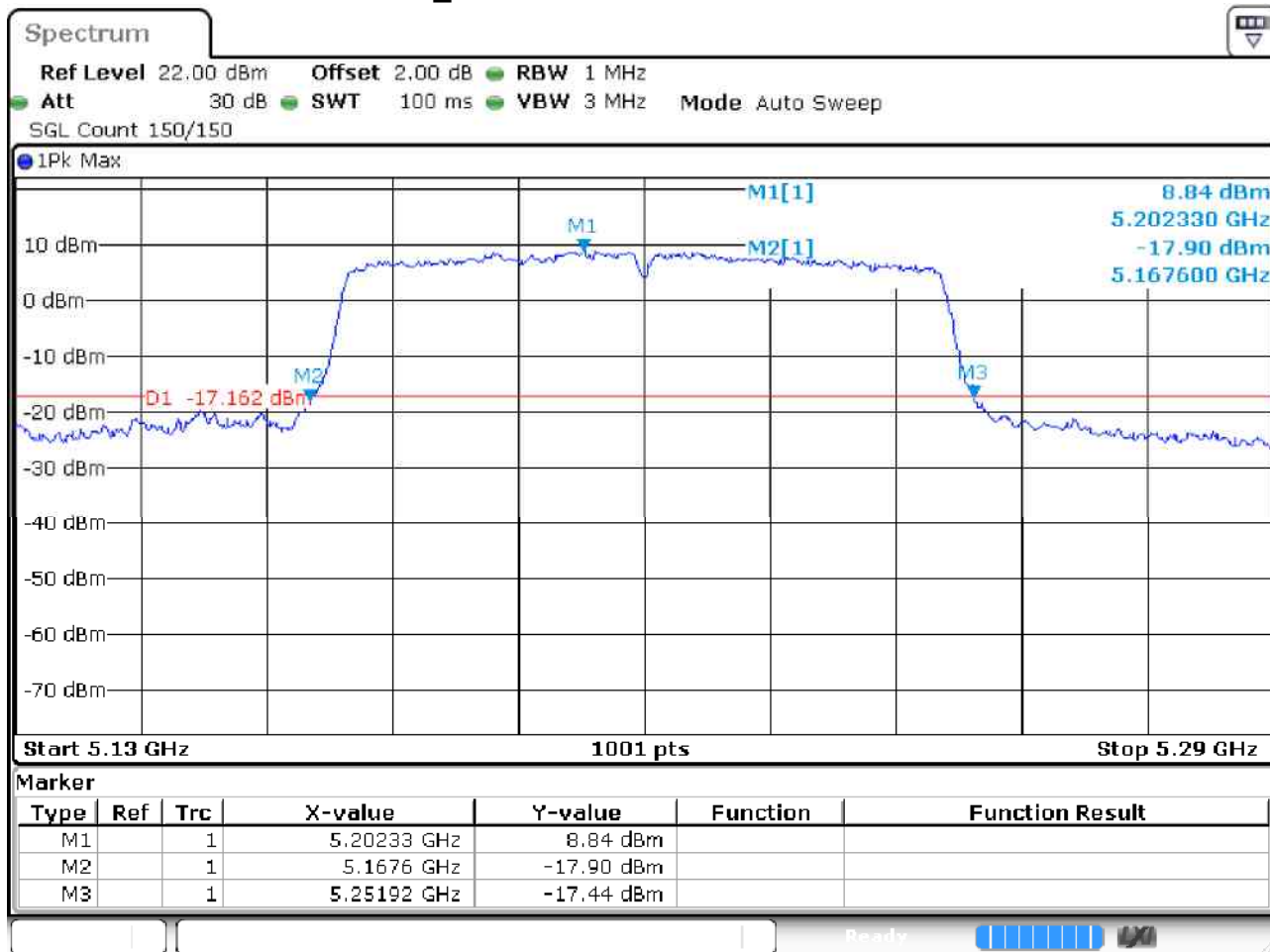
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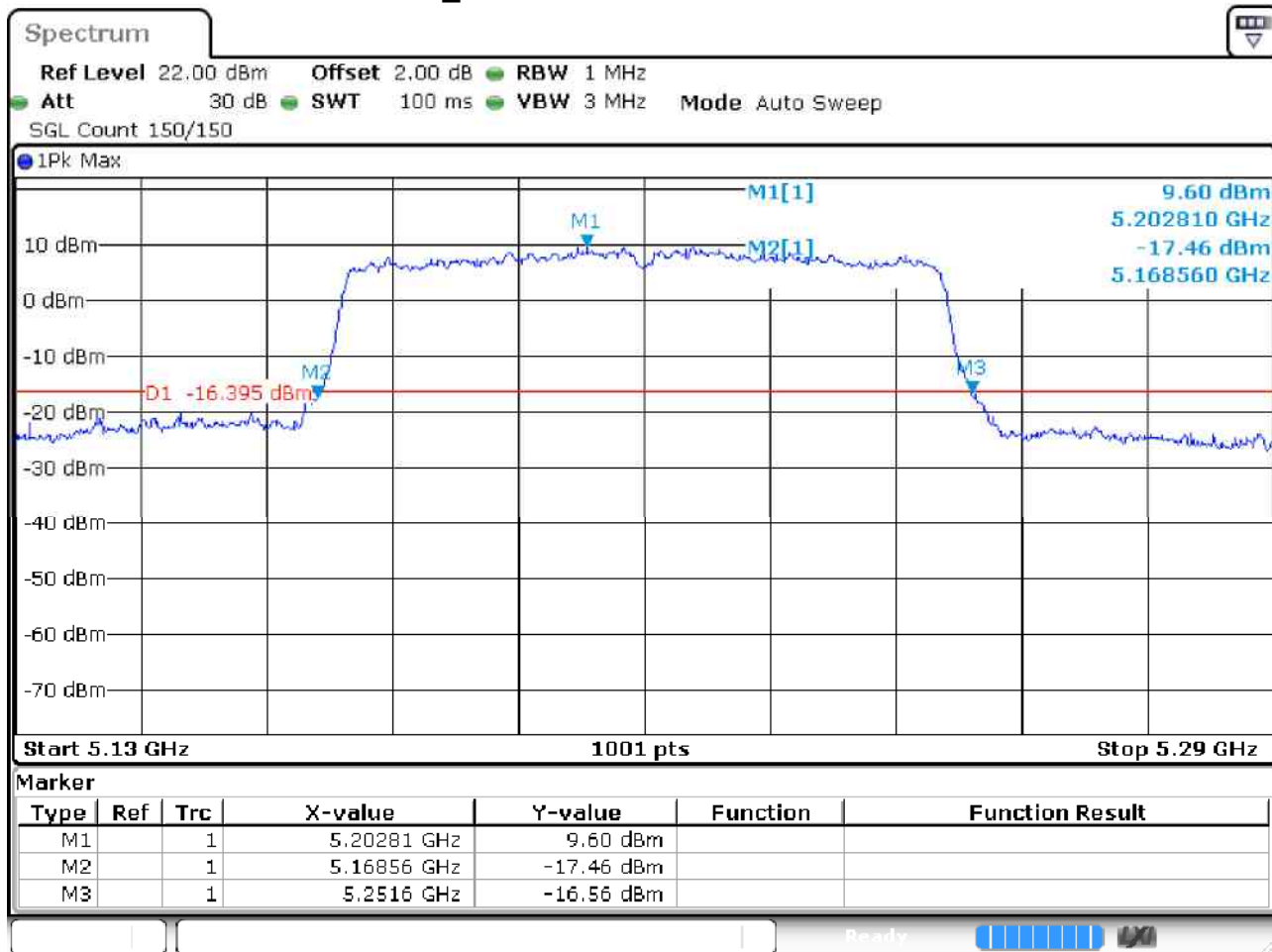
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## 4.5.1.174 11AC80MIMO\_42 ANT 1



Date: 4.JUN.2020 14:05:18

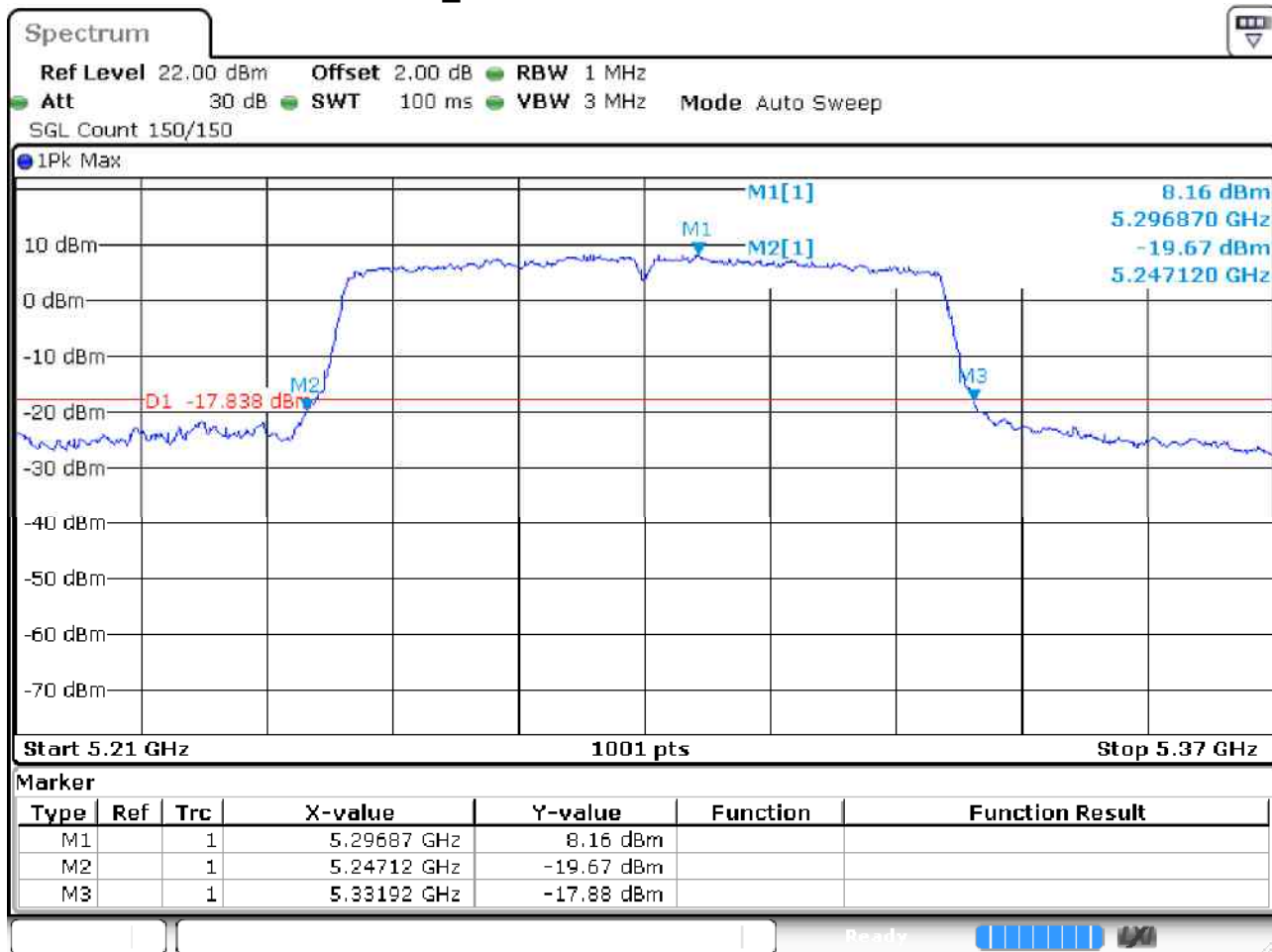
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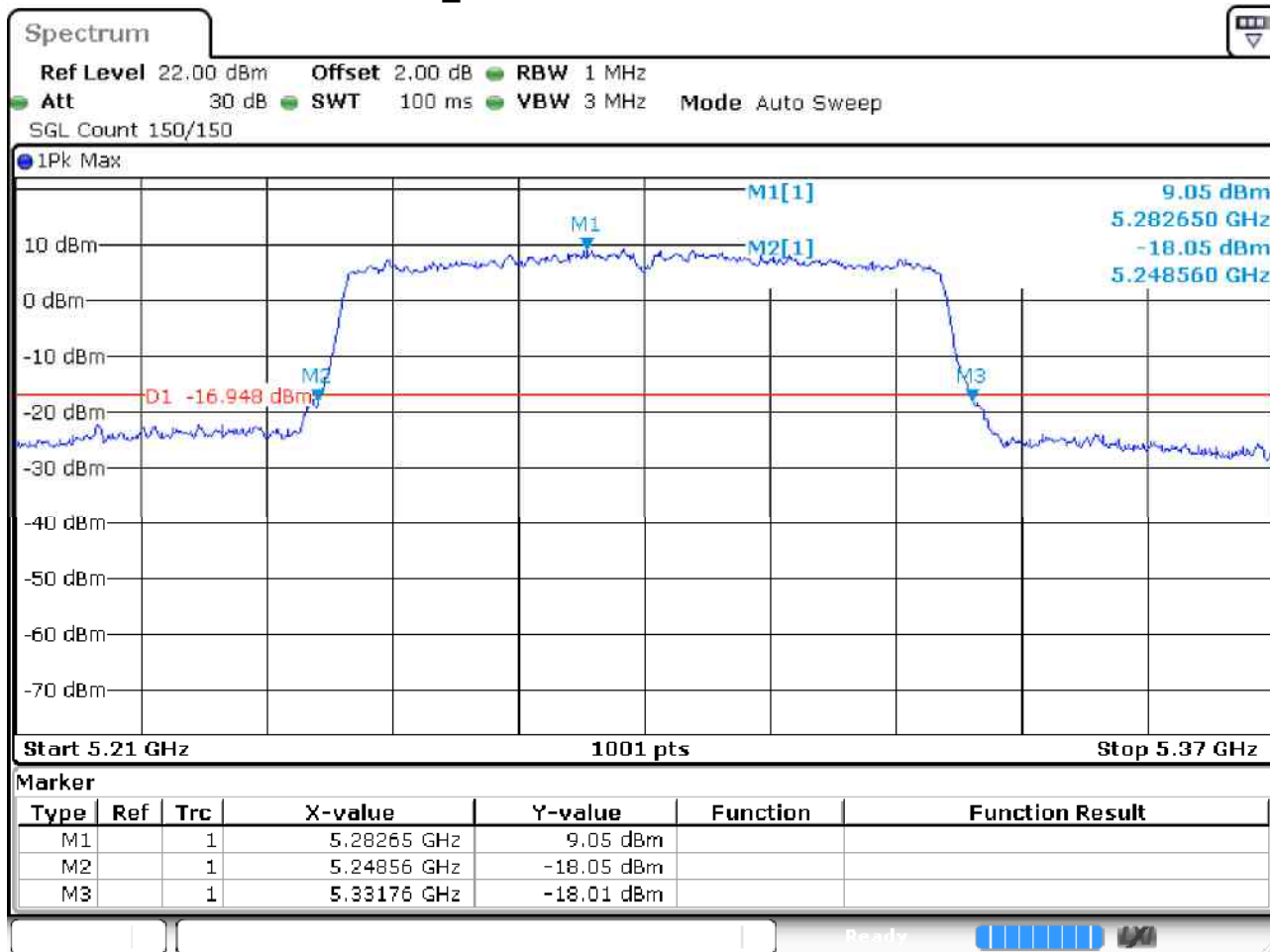


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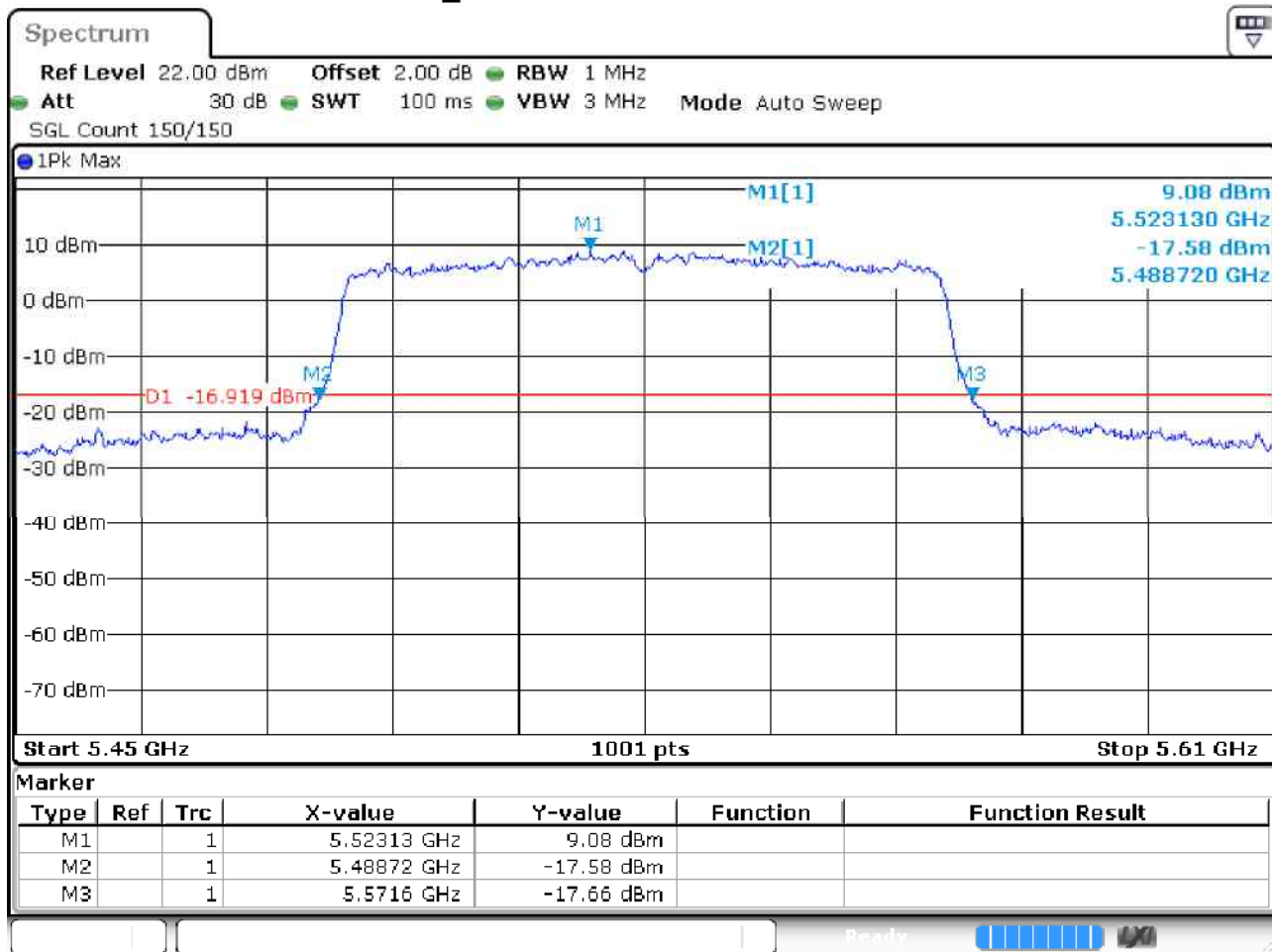
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Date: 4.JUN.2020 10:11:48

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Date: 4.JUN.2020 14:39:08



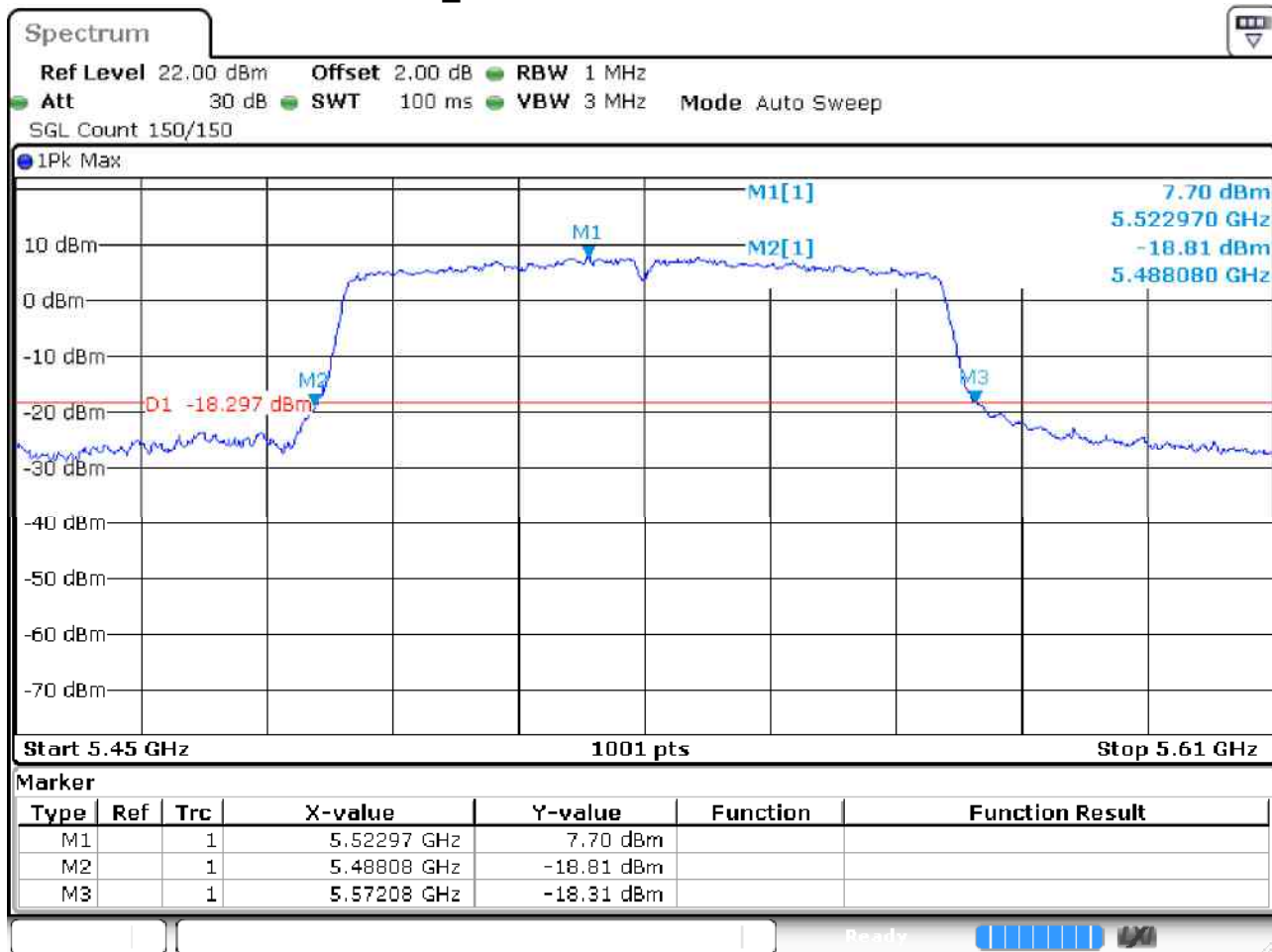
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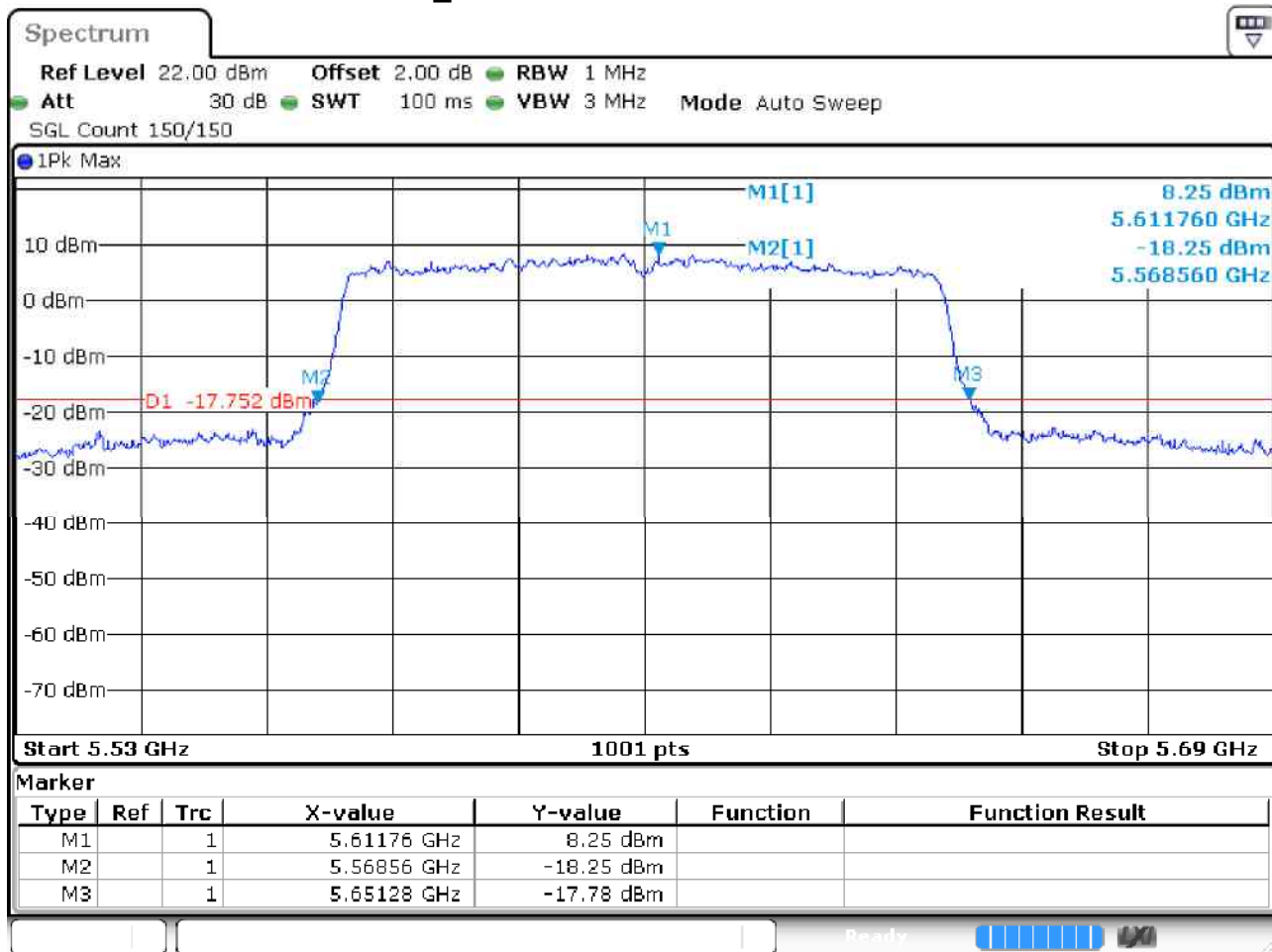
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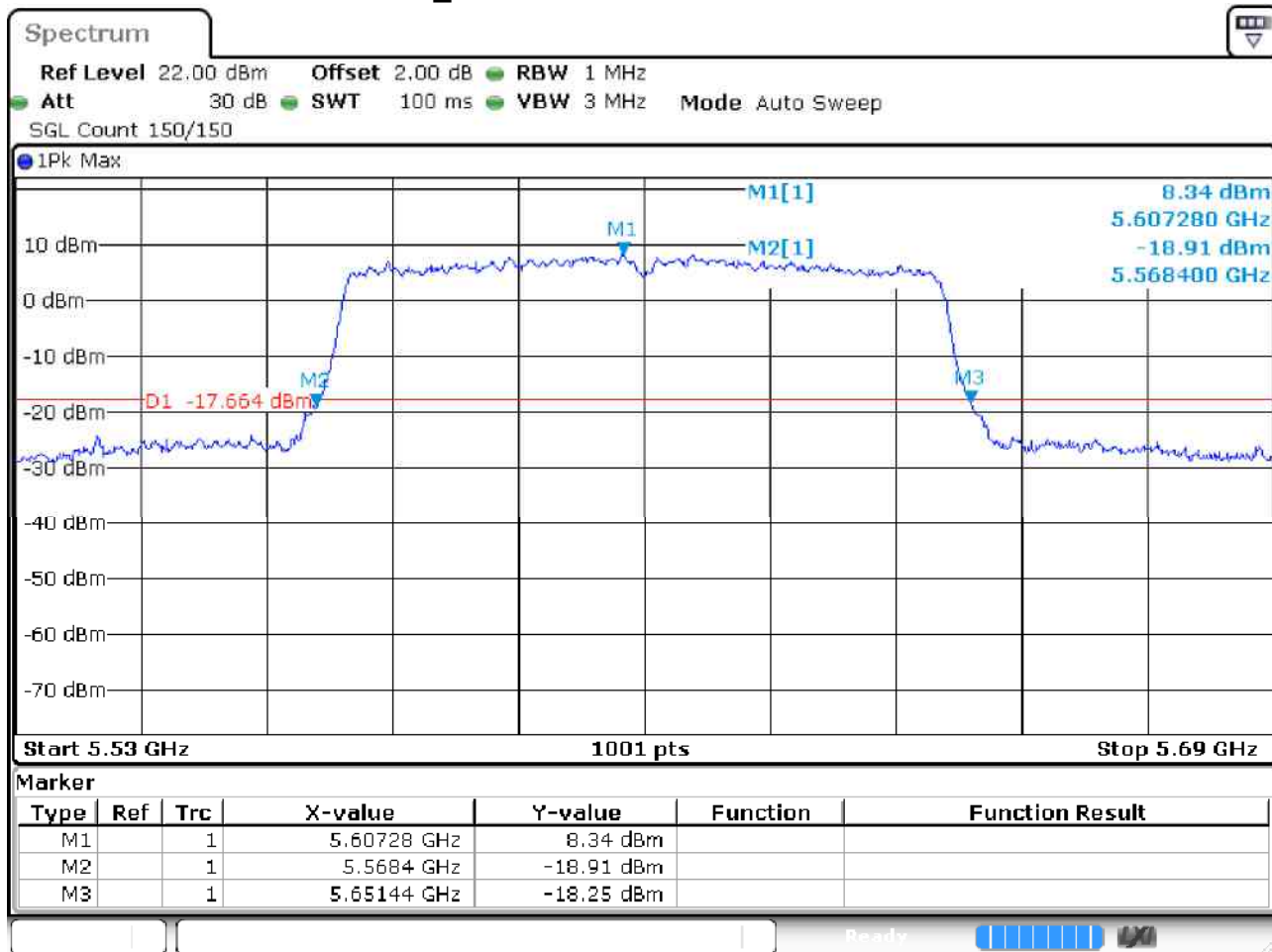


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Date: 4.JUN.2020 14:41:04

## 4.5.1.181 11AC80MIMO\_122 ANT 2



Date: 4.JUN.2020 10:14:56



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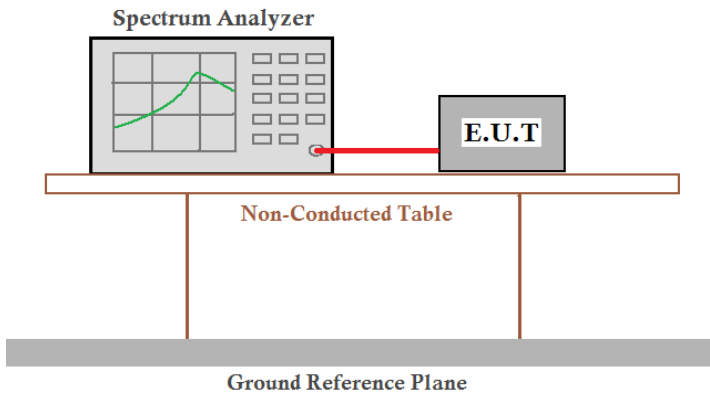
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#### 4.6 6dB Emission Bandwidth

Test Requirement:	47 CFR Part 15 Section 15.407(e)	
Test Method:	ANSI C63.10: 2013	
Test Setup:		
Test Instruments:	Refer to section 5.10 for details	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates	
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20); MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(HT20); MCS0 of rate is the worst case of 802.11ac(HT40); MCS0 of rate is the worst case of 802.11ac(HT80). Only the worst case is recorded in the report.	
Limit:	Frequency Band	Limit
	5725-5850MHz	At lease 500kHz
Test Results:	Pass	







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## 4.6.1 Test Plots For 6dB Emission Bandwidth

Test Mode	Test Channel	Frequency [MHz]	6dB Emission Bandwidth [MHz]		Verdict
			ANT 1	ANT 2	
11A20	149	5745	15.6	15.6	PASS
	157	5785	15.6	15.6	PASS
	165	5825	15.6	15.6	PASS
11A20 CDD	149	5745	15.6	15.75	PASS
	165	5825	15.6	15.39	PASS
11N20	149	5745	16.05	16.05	PASS
	157	5785	16.59	16.05	PASS
	165	5825	16.59	16.05	PASS
11N20 MIMO	149	5745	16.23	16.53	PASS
	157	5785	16.02	16.83	PASS
	165	5825	16.05	16.59	PASS
11N40	151	5755	35.28	35.52	PASS
	159	5795	35.28	35.52	PASS
11N40 MIMO	151	5755	35.52	35.4	PASS
	159	5795	35.82	35.28	PASS
11AC20	149	5745	16.59	16.59	PASS
	157	5785	16.59	16.59	PASS
	165	5825	16.59	16.05	PASS
11AC20 MIMO	149	5745	15.72	16.62	PASS
	157	5785	15.21	16.62	PASS
	165	5825	15.54	17.22	PASS
11AC40	151	5755	35.46	35.46	PASS
	159	5795	35.28	35.52	PASS
11AC40 MIMO	151	5755	35.28	35.88	PASS
	159	5795	35.52	35.82	PASS
11AC80	155	5775	75.52	75.52	PASS
11AC80 MIMO	155	5775	75.52	75.52	PASS



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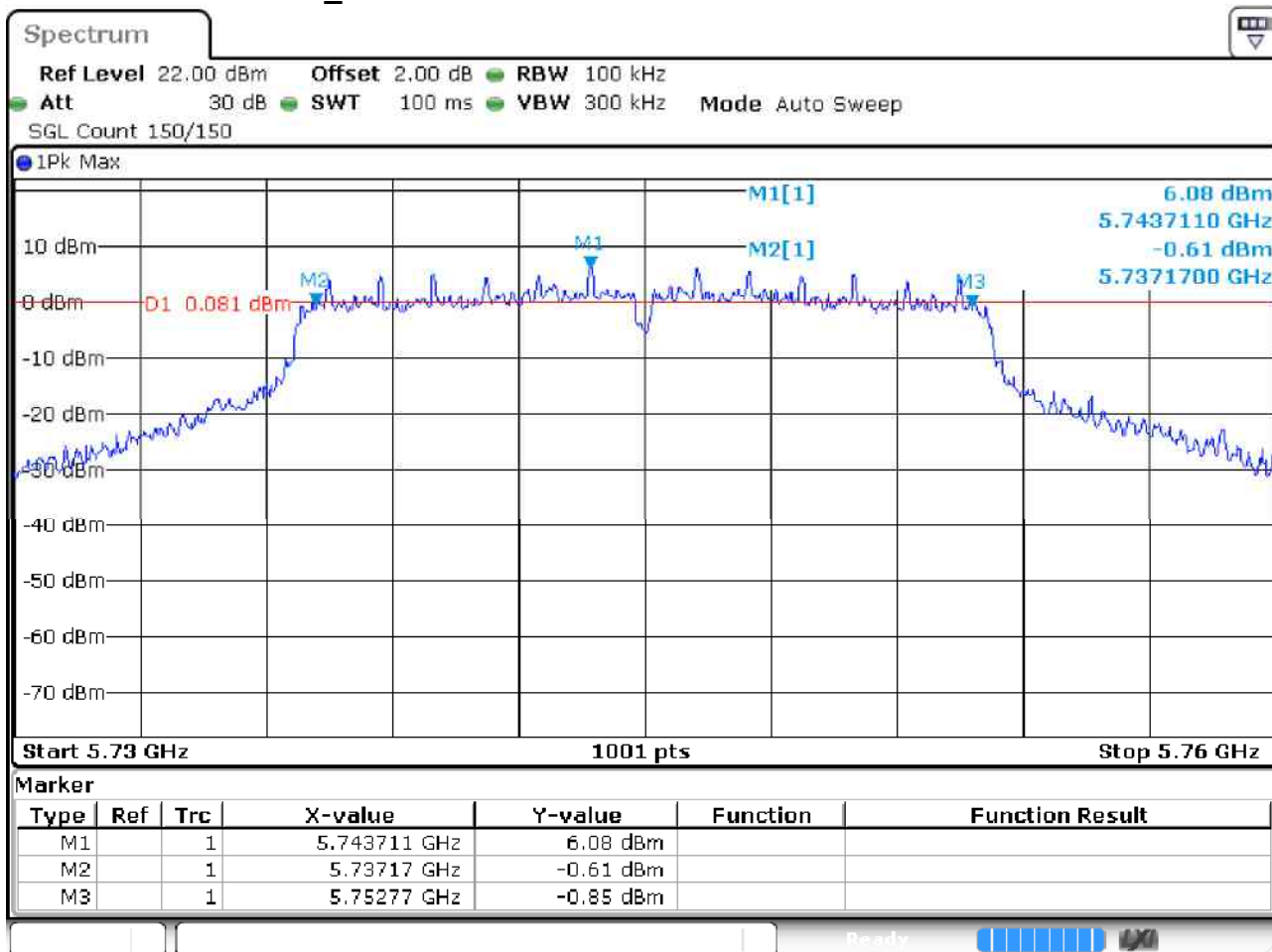
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## 4.6.2 Test Plots For 6dB Emission Bandwidth

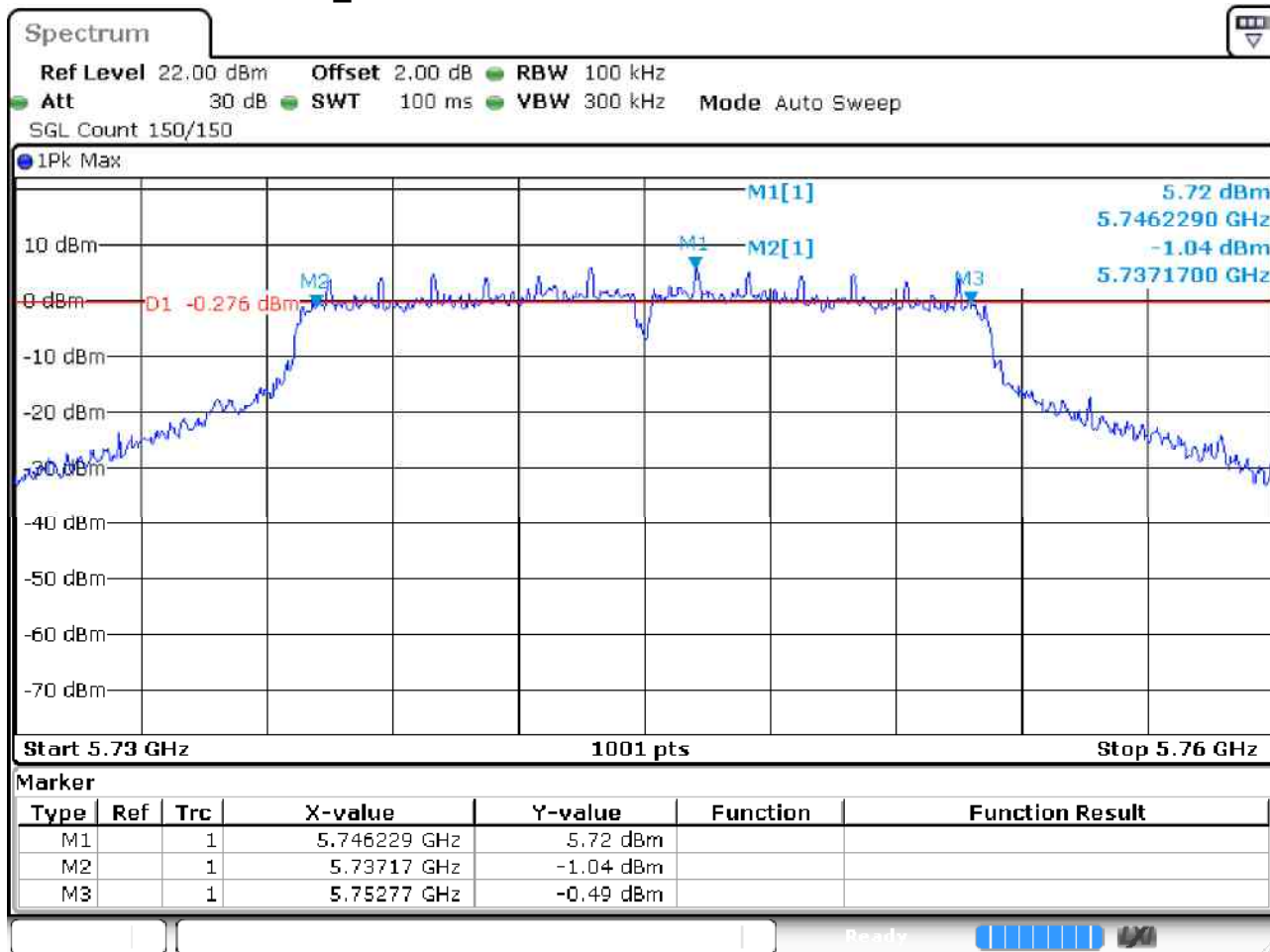
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Date: 4.JUN.2020 14:30:03

## 4.6.2.2

## 11A20\_149 ANT 2



Date: 4.JUN.2020 04:21:50



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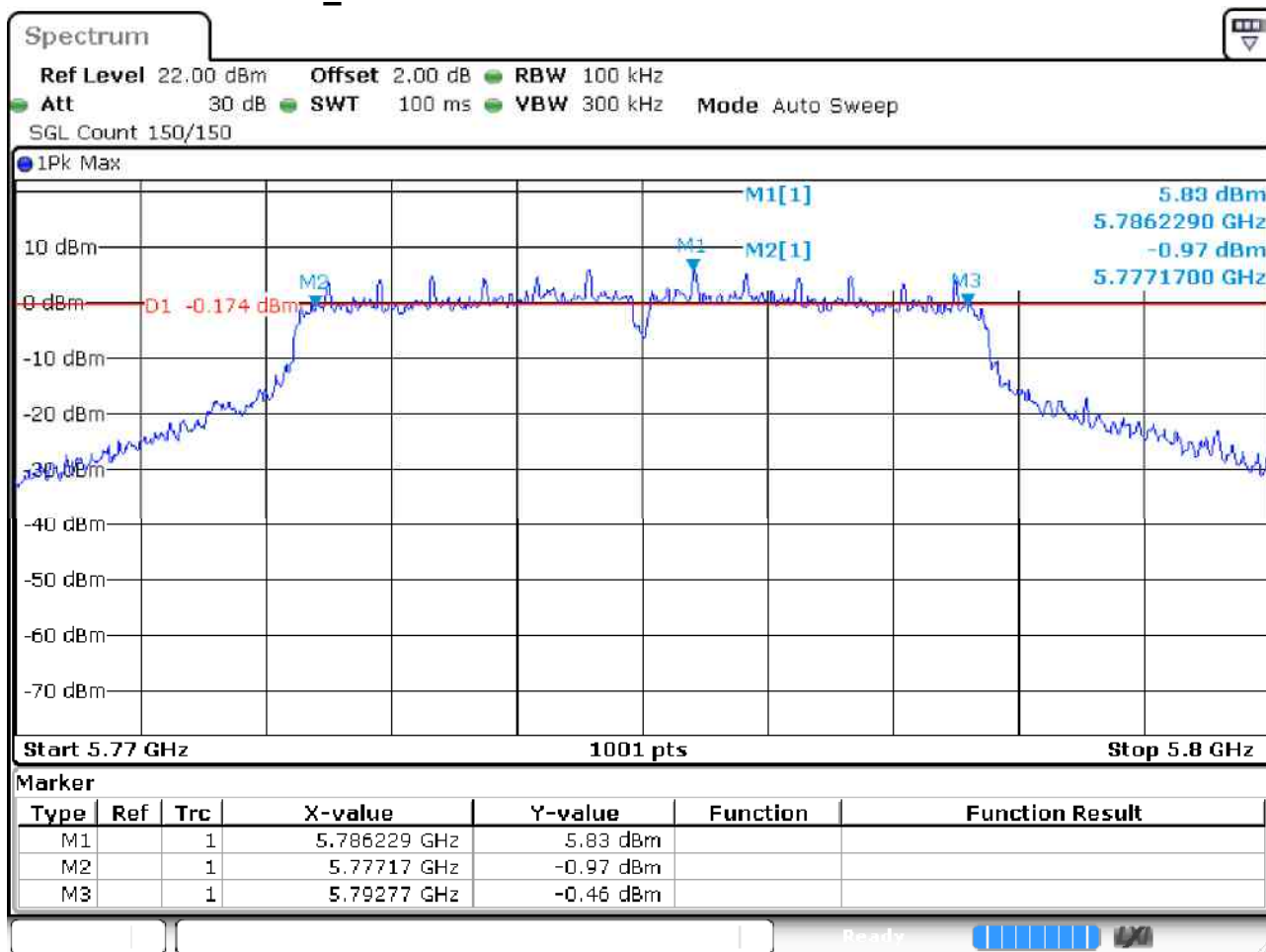
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Date: 4.JUN.2020 14:32:13



## 4.6.2.4 11A20\_157 ANT 2



Date: 4.JUN.2020 04:23:25



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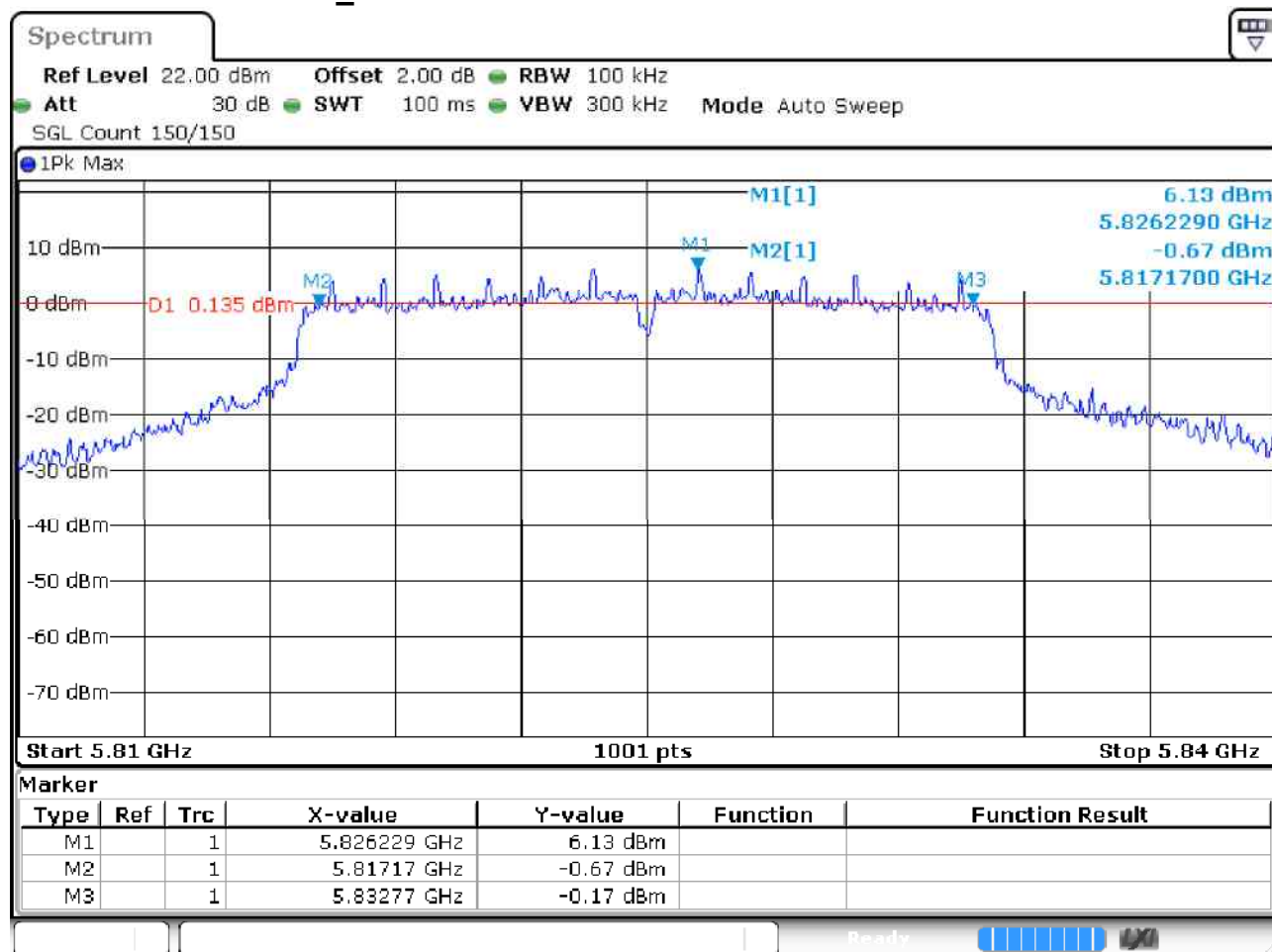
## 4.6.2.5

## 11A20\_165 ANT 1



Date: 4.JUN.2020 14:35:00

## 4.6.2.6 11A20\_165 ANT 2



Date: 4.JUN.2020 04:24:59



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## 4.6.2.7 11A20\_CDD\_149 ANT 1

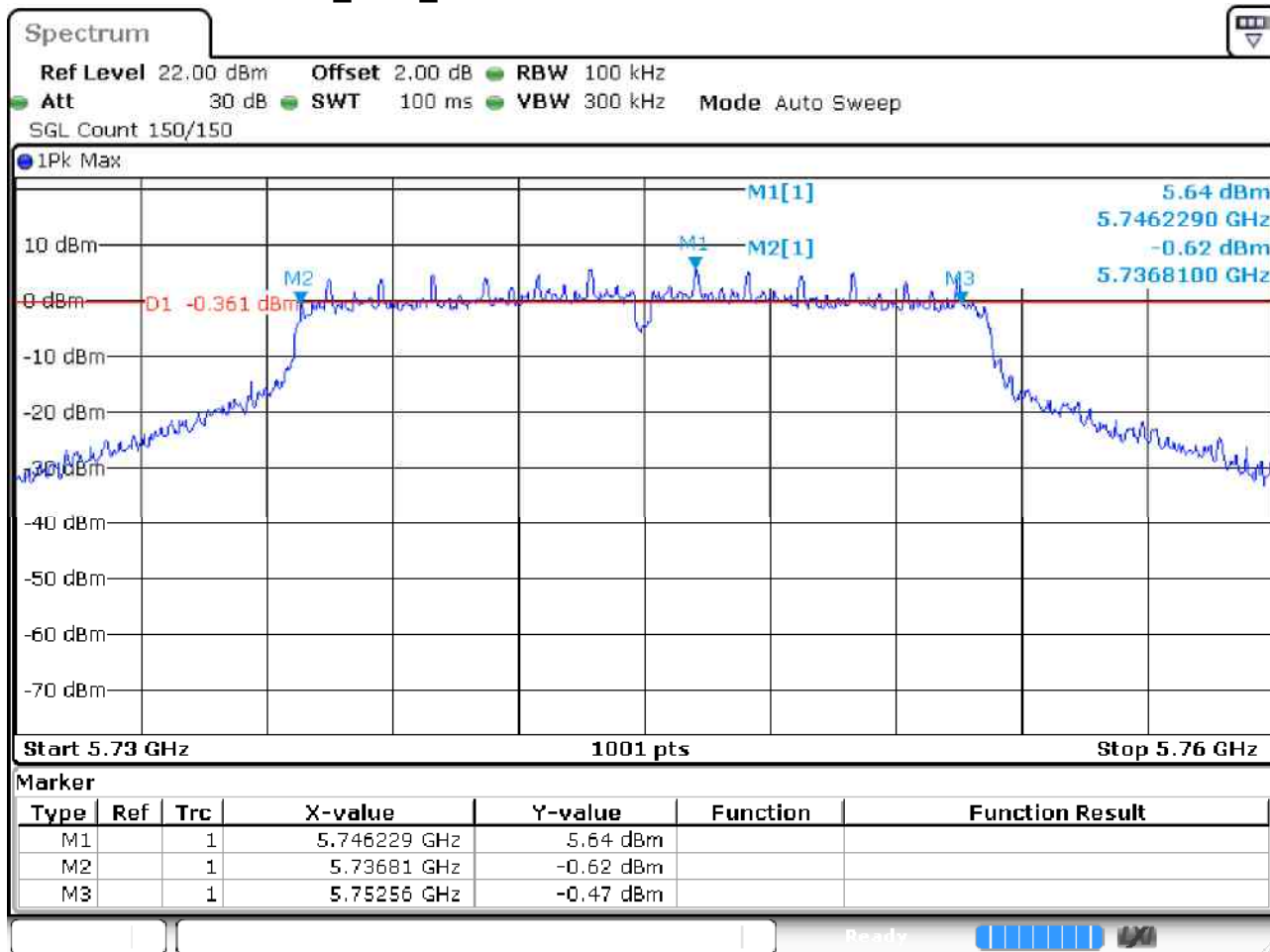


Date: 4.JUN.2020 12:18:16



## 4.6.2.8

## 11A20\_CDD\_149 ANT 2



Date: 4.JUN.2020 08:15:41

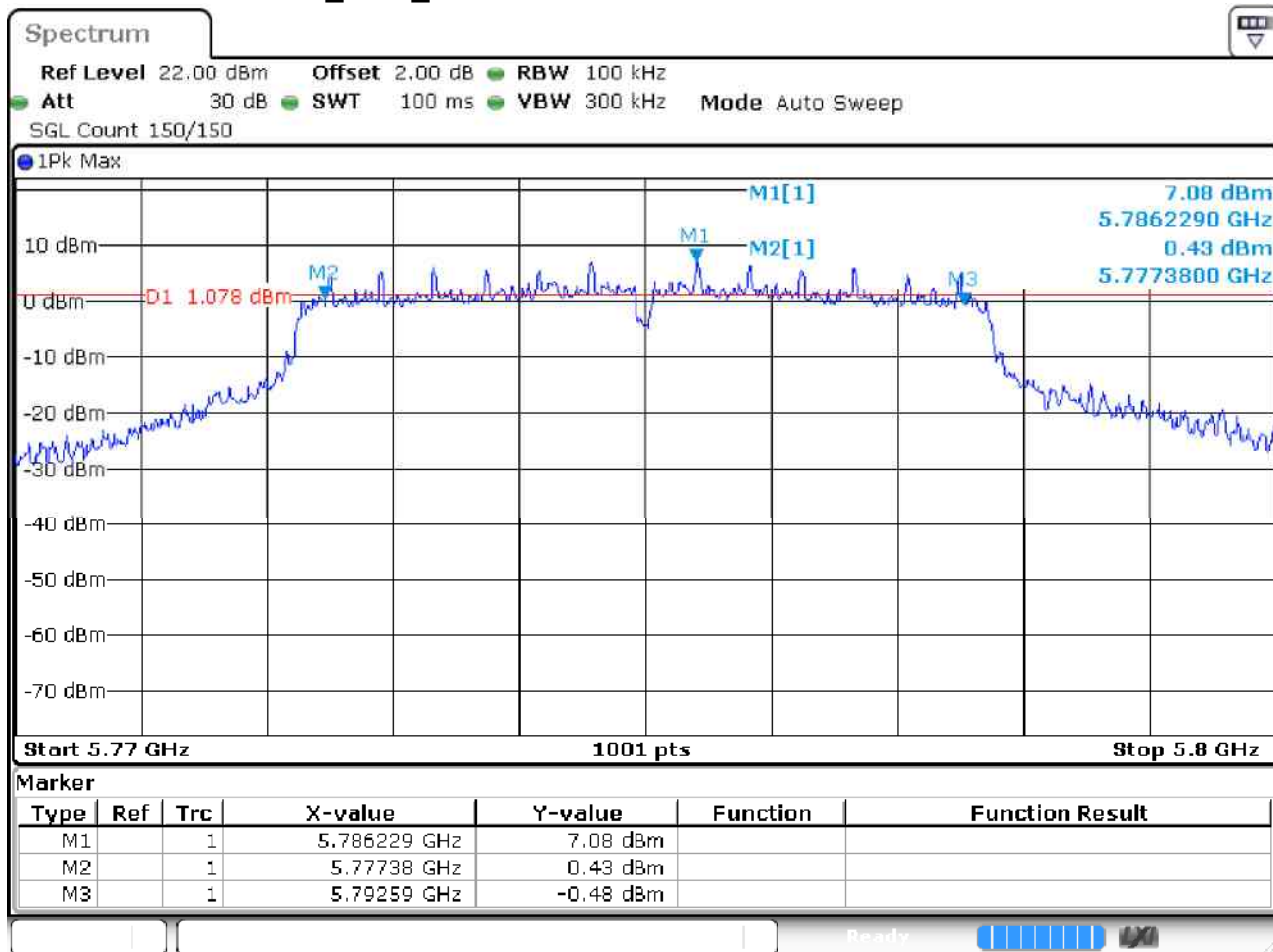


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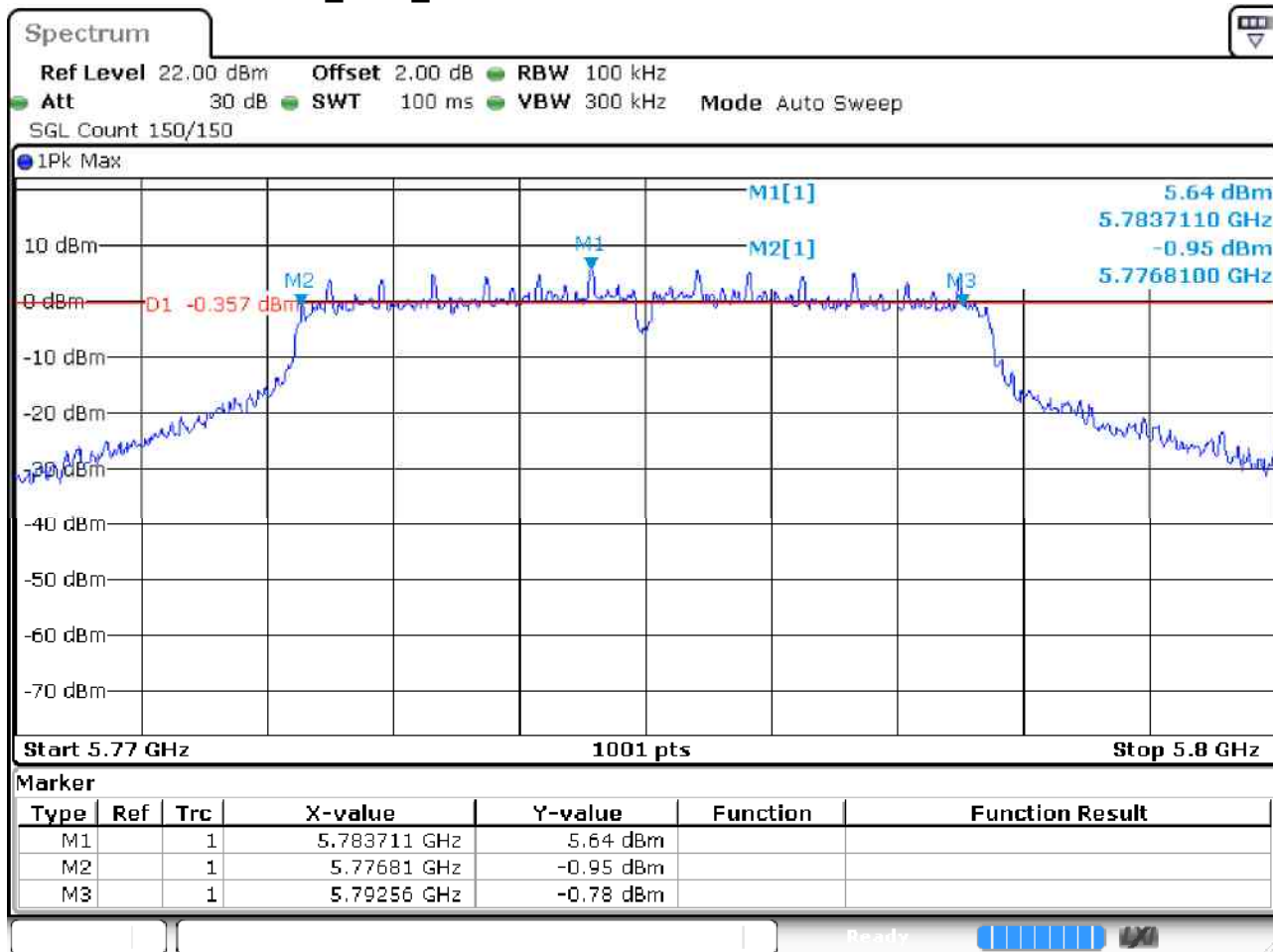
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## 4.6.2.9 11A20\_CDD\_157 ANT 1



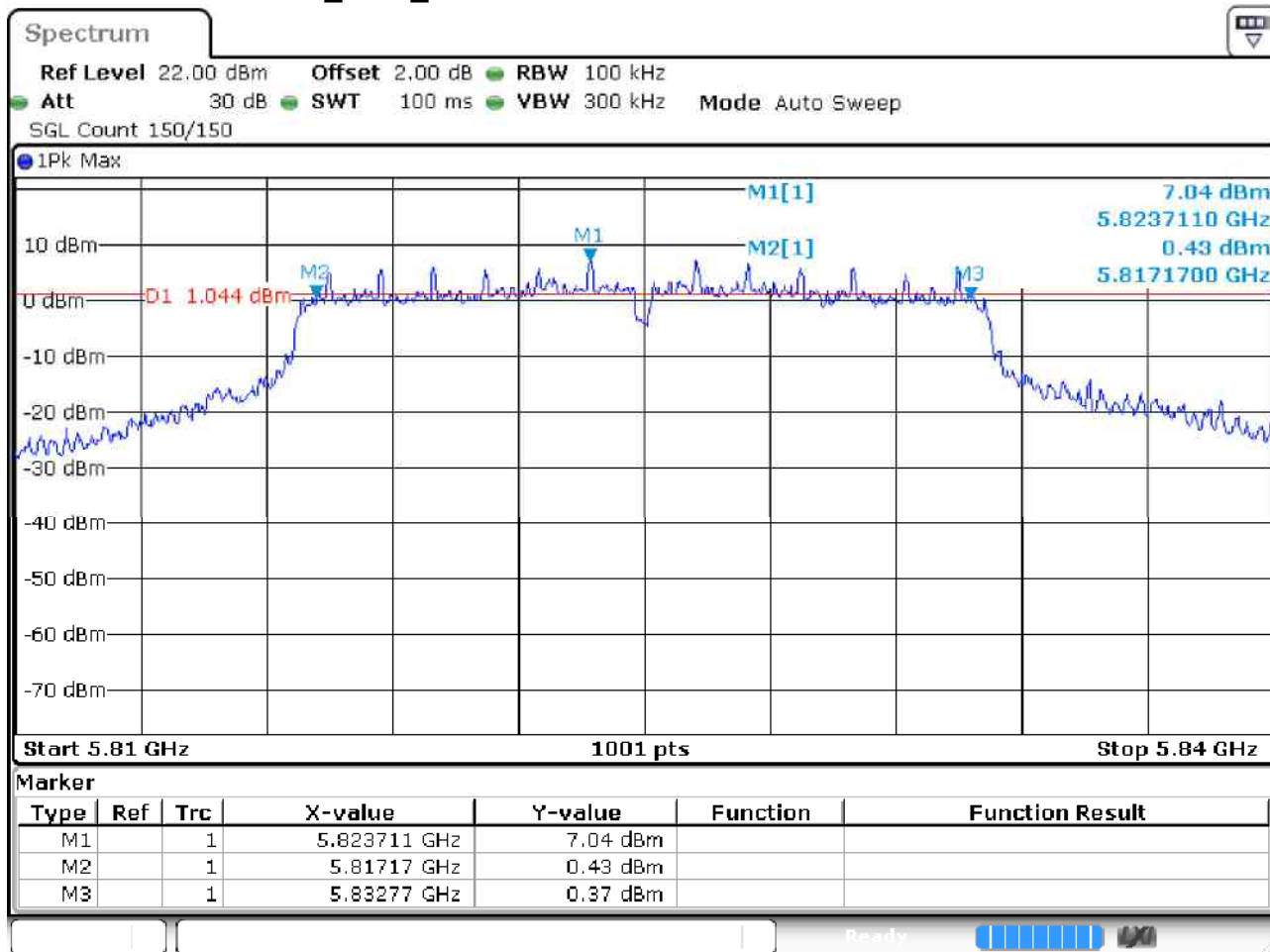
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Date: 4 JUN.2020 08:17:04

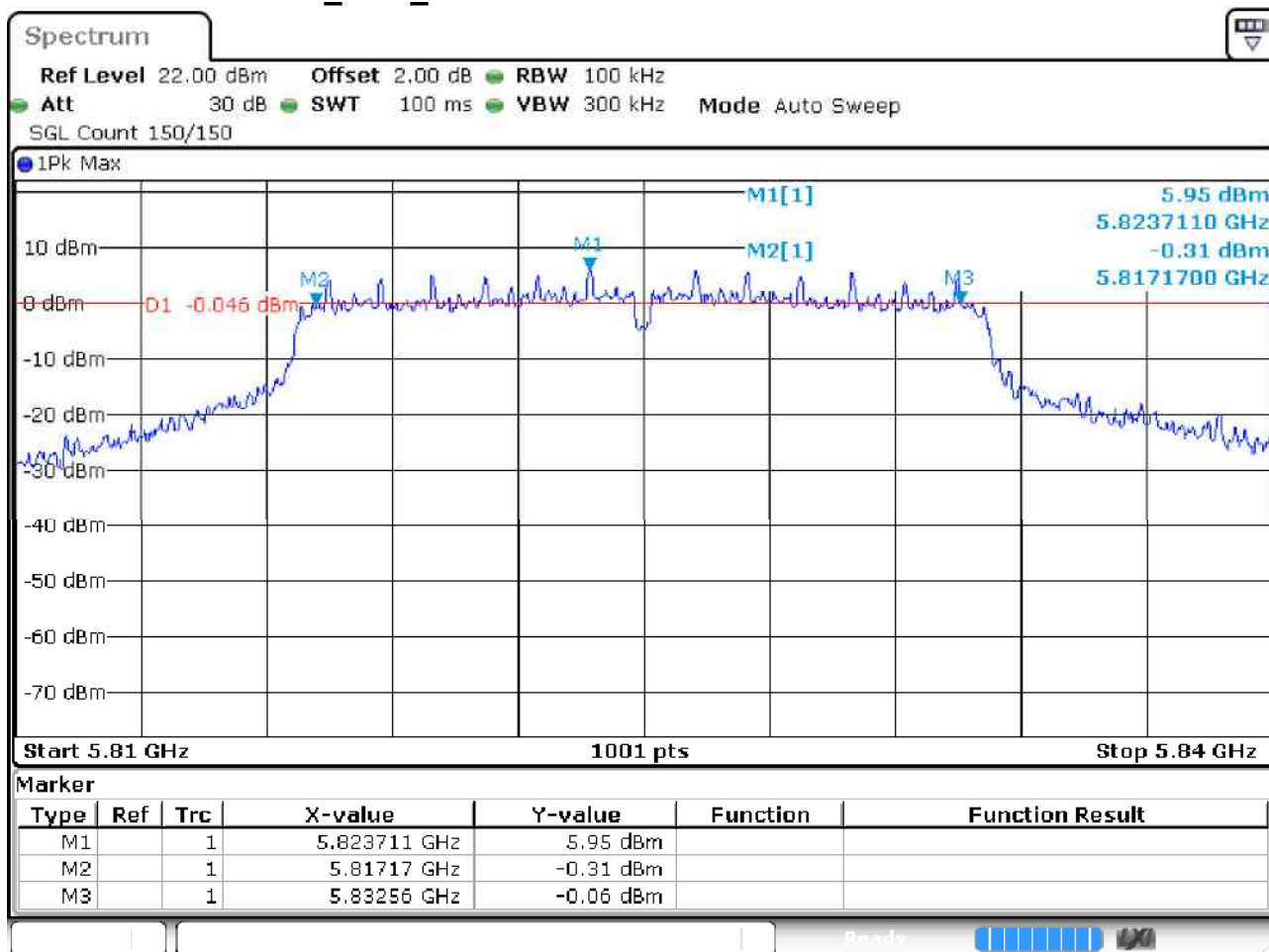
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Date: 4.JUN.2020 12:21:04



## 4.6.2.12 11A20\_CDD\_165 ANT 2



Date: 4.JUN.2020 08:18:37



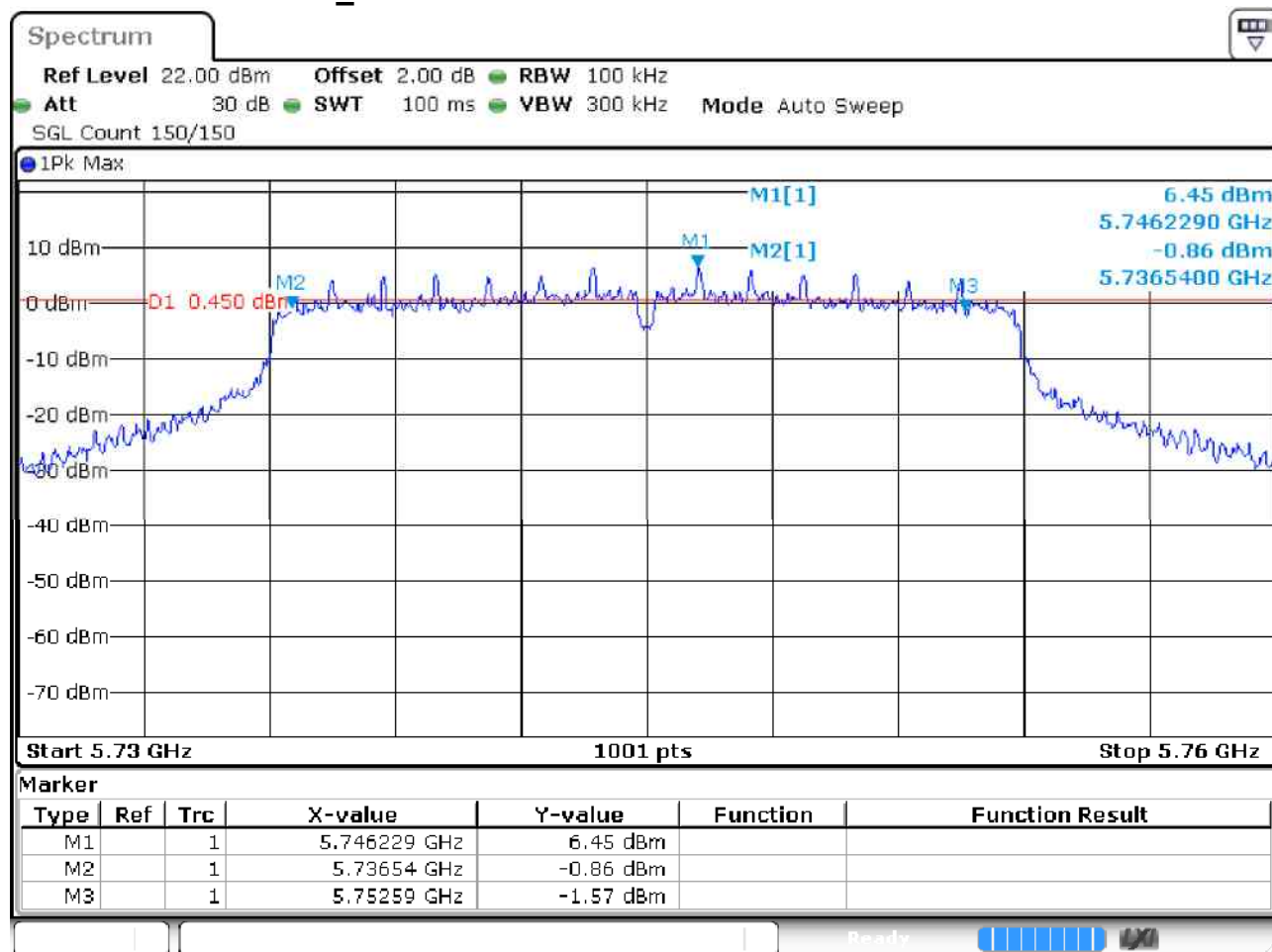
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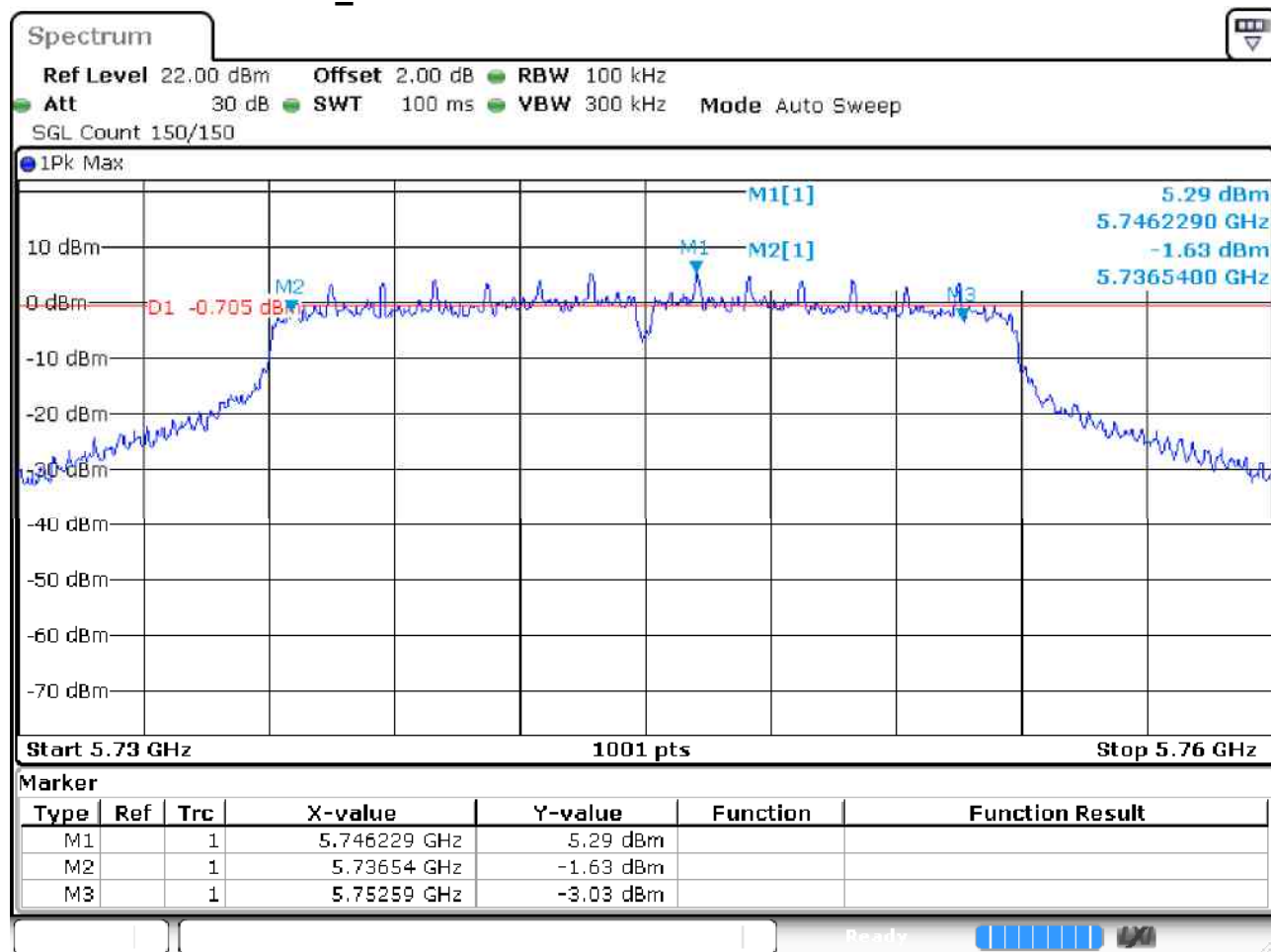
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## 4.6.2.13 11N20\_149 ANT 1



Date: 5 JUN.2020 02:24:07

## 4.6.2.14 11N20\_149 ANT 2



Date: 4 JUN. 2020 06:36:42

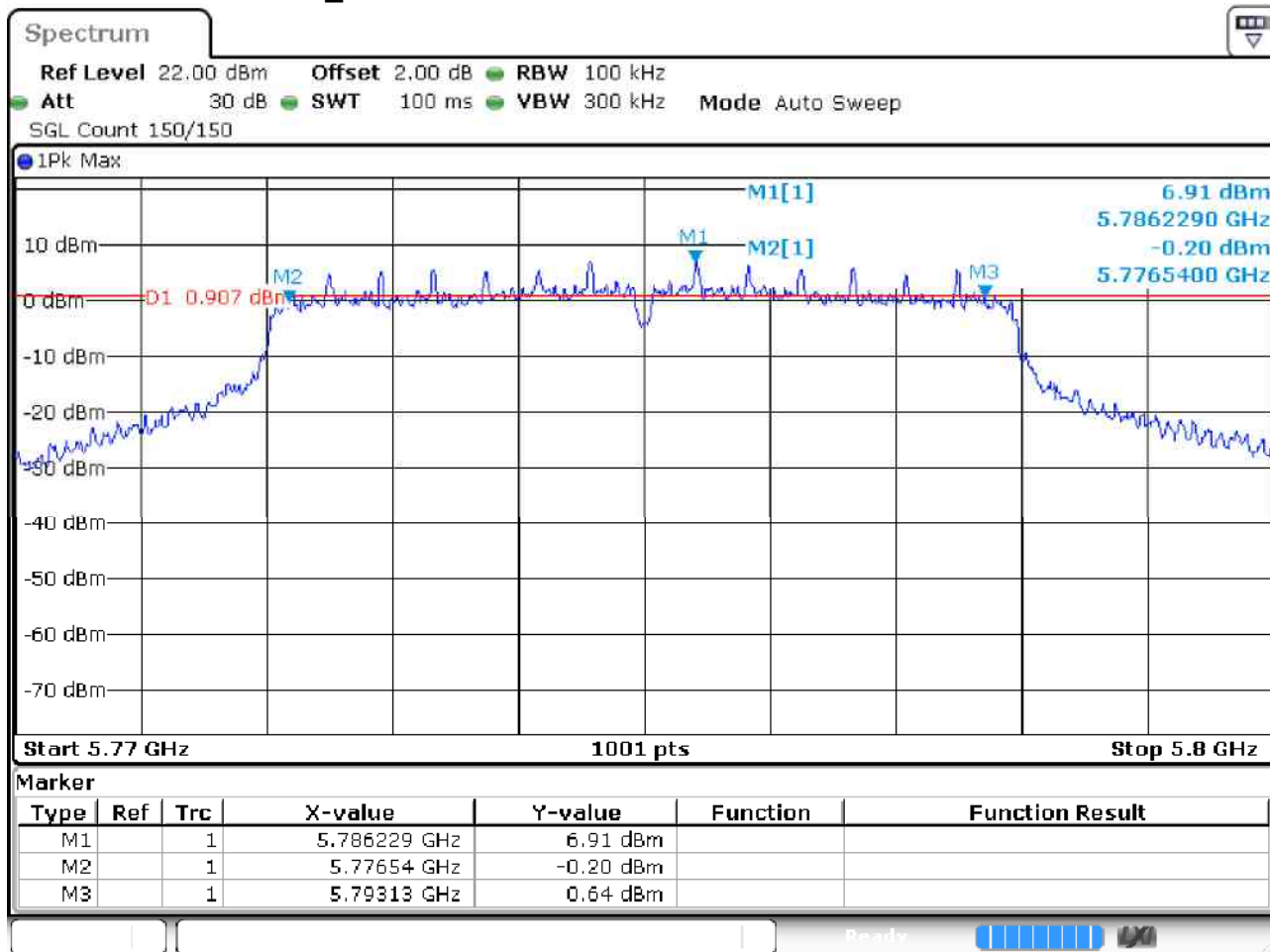


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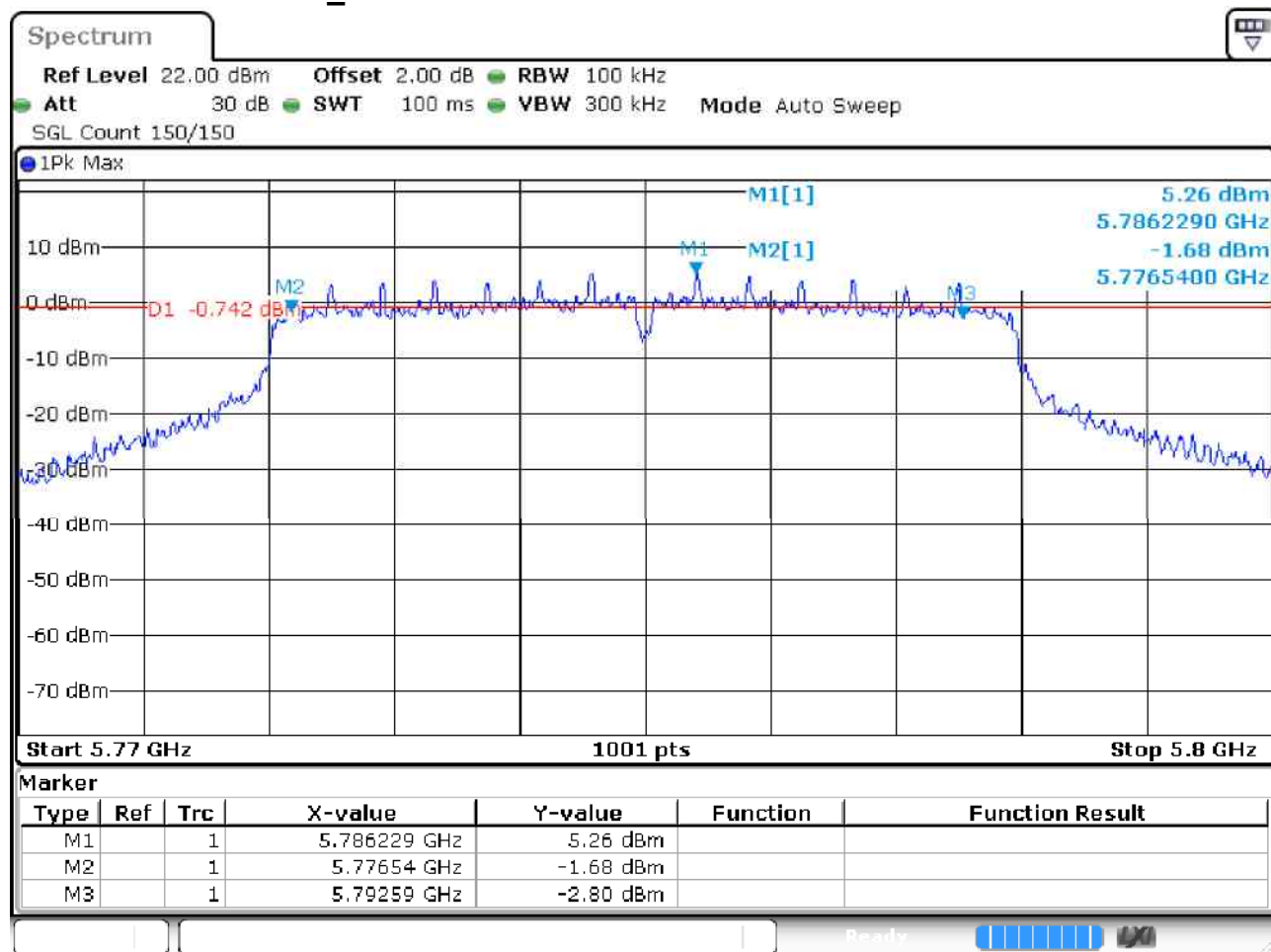
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Date: 5 JUN.2020 02:25:40

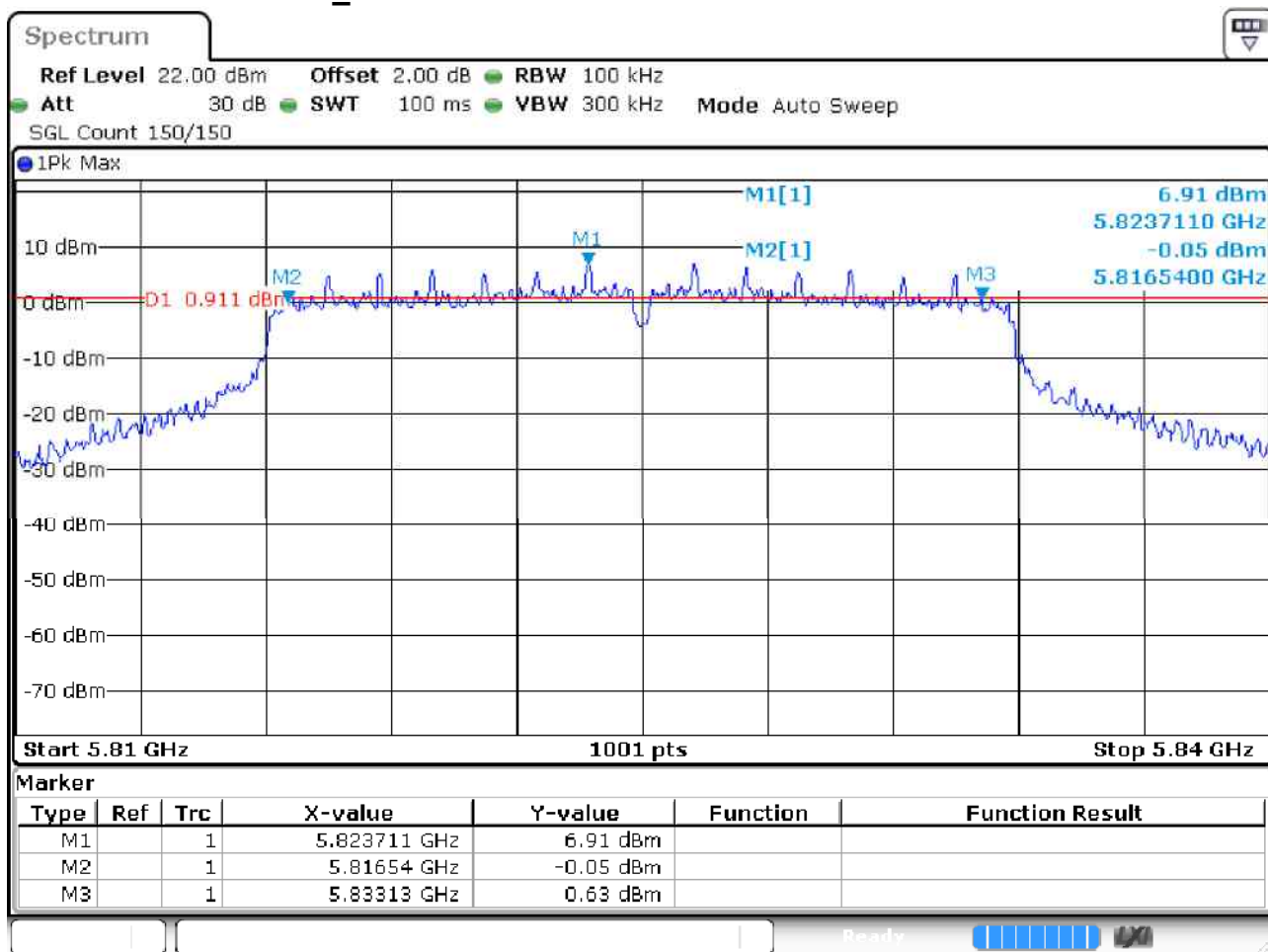


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Date: 4.JUN.2020 06:38:13

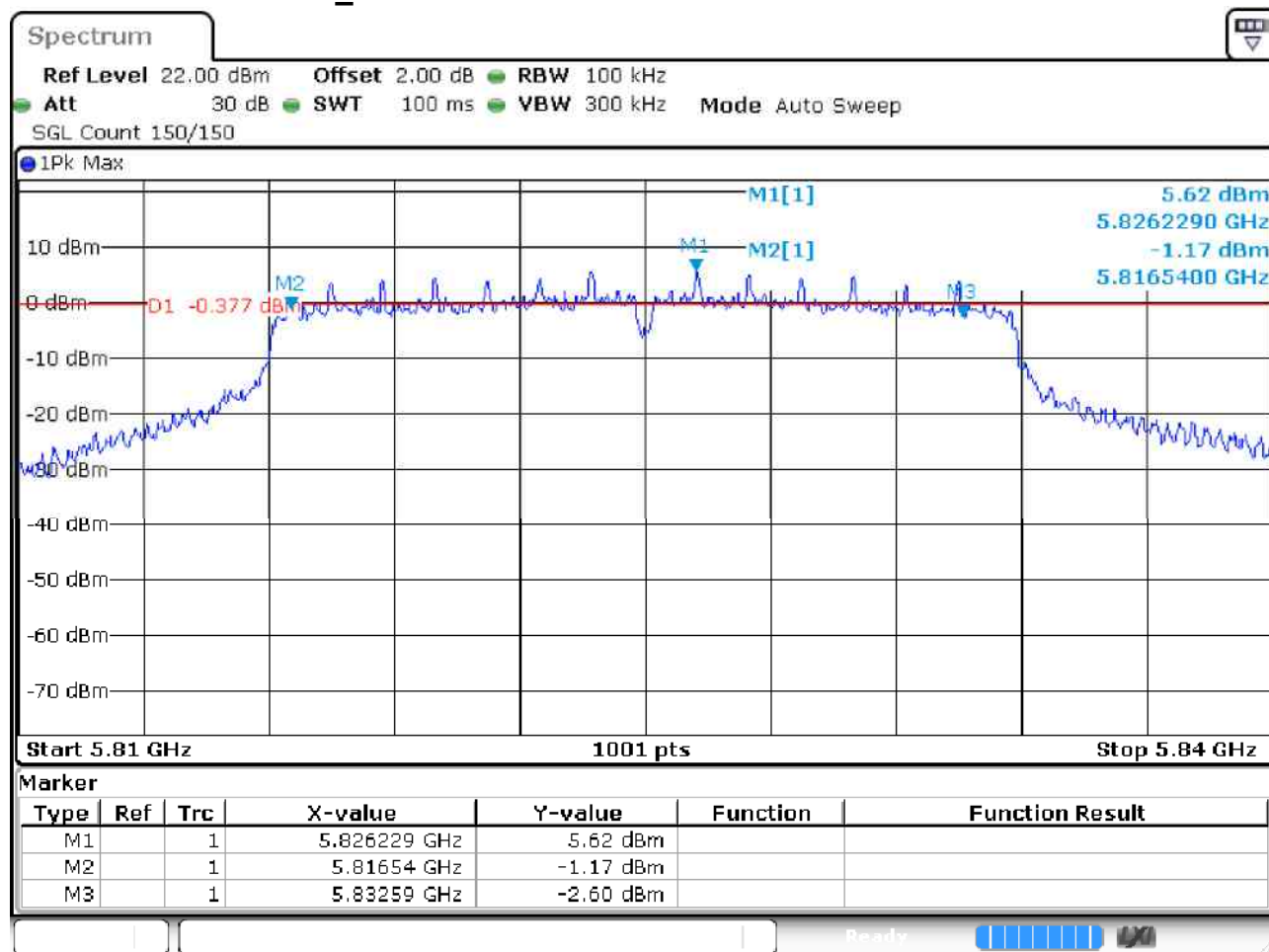
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Date: 5 JUN.2020 02:27:15

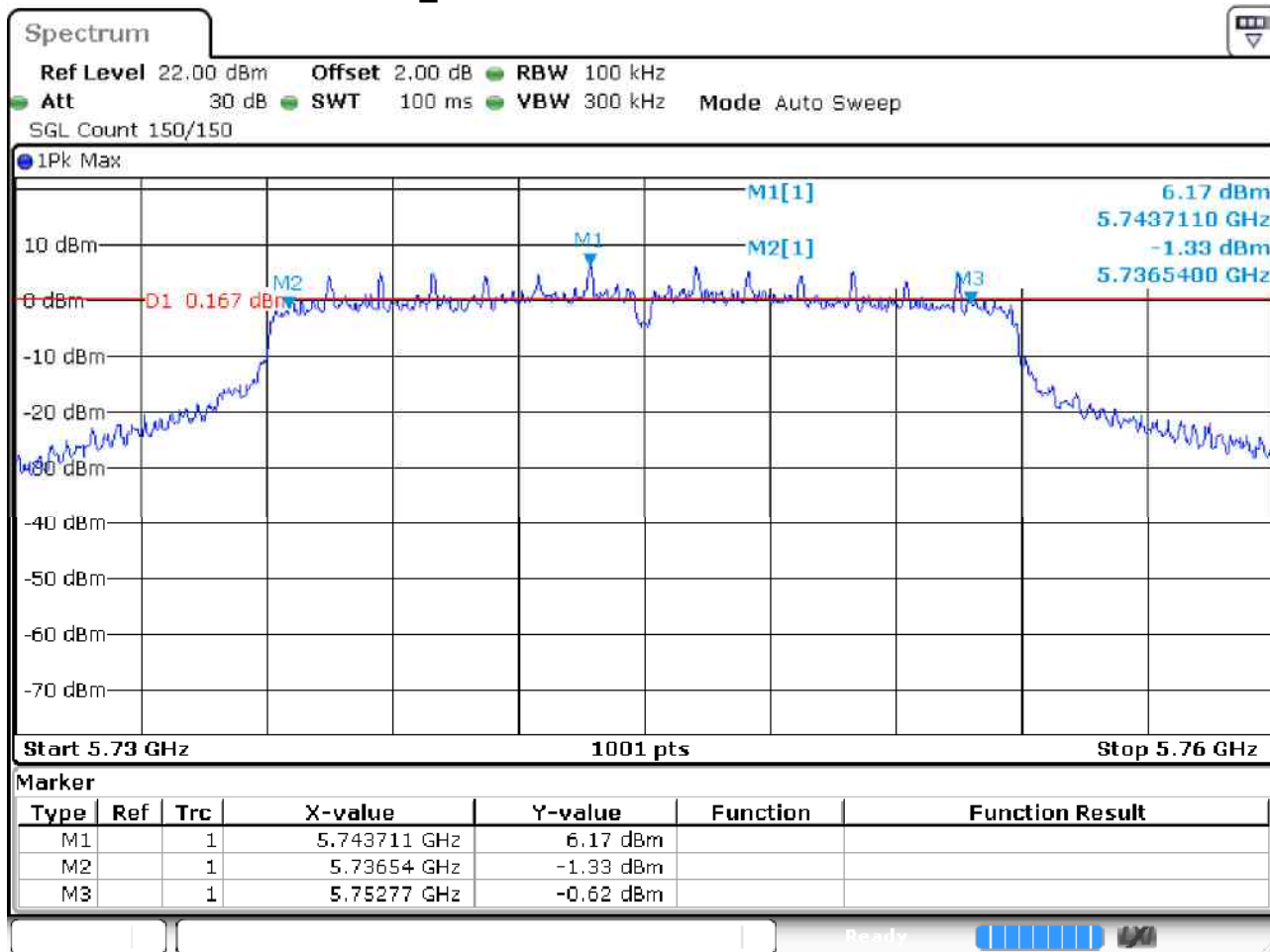


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Date: 4 JUN. 2020 06:40:24

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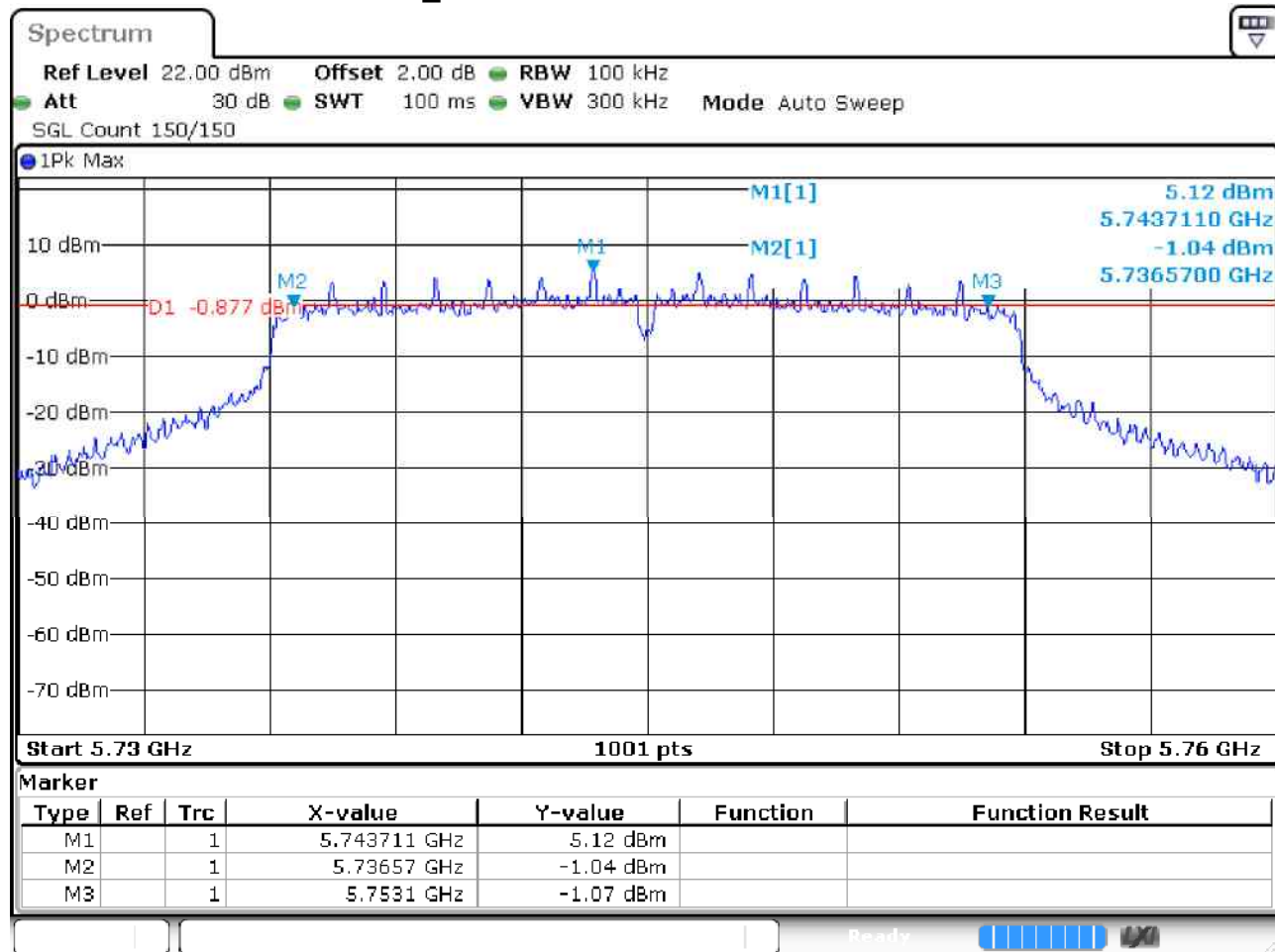


Date: 4.JUN.2020 12:35:59



## 4.6.2.20

## 11N20MIMO\_149 ANT 2



Date: 4.JUN.2020 08:56:12

