



TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	1.95	≤17	PASS
	Ant2	5180	1.37	≤17	PASS
	Ant1	5200	1.69	≤17	PASS
	Ant2	5200	0.95	≤17	PASS
	Ant1	5240	0.58	≤17	PASS
	Ant2	5240	1.03	≤17	PASS
	Ant1	5745	-0.17	≤30	PASS
	Ant2	5745	1.78	≤30	PASS
	Ant1	5785	-0.18	≤30	PASS
	Ant2	5785	2.07	≤30	PASS
	Ant1	5825	-0.24	≤30	PASS
Ant2	5825	2.53	≤30	PASS	
11N20MIMO	Ant1	5180	0.74	≤15	PASS
	Ant2	5180	0.17	≤15	PASS
	total	5180	3.47	≤15	PASS
	Ant1	5200	1.04	≤15	PASS
	Ant2	5200	0.48	≤15	PASS
	total	5200	3.78	≤15	PASS
	Ant1	5240	0.86	≤15	PASS
	Ant2	5240	0.59	≤15	PASS
	total	5240	3.74	≤15	PASS
	Ant1	5745	-1.21	≤28	PASS
	Ant2	5745	-0.88	≤28	PASS
	total	5745	1.97	≤28	PASS
	Ant1	5785	-1.10	≤28	PASS
	Ant2	5785	-0.17	≤28	PASS
	total	5785	2.40	≤28	PASS
	Ant1	5825	0.41	≤28	PASS
	Ant2	5825	0.27	≤28	PASS
	total	5825	3.35	≤28	PASS
11N40MIMO	Ant1	5190	-1.54	≤15	PASS
	Ant2	5190	-1.91	≤15	PASS
	total	5190	1.29	≤15	PASS
	Ant1	5230	-1.97	≤15	PASS
	Ant2	5230	-2.33	≤15	PASS
	total	5230	0.86	≤15	PASS
	Ant1	5755	-5.60	≤28	PASS
	Ant2	5755	-4.86	≤28	PASS
	total	5755	-2.20	≤28	PASS
	Ant1	5795	-5.01	≤28	PASS
Ant2	5795	-4.43	≤28	PASS	
total	5795	-1.70	≤28	PASS	
11AC20MIMO	Ant1	5180	1.34	≤15	PASS
	Ant2	5180	0.99	≤15	PASS
	total	5180	4.18	≤15	PASS
	Ant1	5200	0.79	≤15	PASS
	Ant2	5200	0.42	≤15	PASS
	total	5200	3.62	≤15	PASS
	Ant1	5240	0.25	≤15	PASS
	Ant2	5240	0.34	≤15	PASS
	total	5240	3.31	≤15	PASS
	Ant1	5745	-1.97	≤28	PASS
	Ant2	5745	-0.85	≤28	PASS
	total	5745	1.64	≤28	PASS
	Ant1	5785	-1.04	≤28	PASS
	Ant2	5785	-1.37	≤28	PASS
	total	5785	1.81	≤28	PASS
	Ant1	5825	-1.02	≤28	PASS
	Ant2	5825	-0.31	≤28	PASS
	total	5825	2.71	≤28	PASS
11AC40MIMO	Ant1	5190	-1.69	≤15	PASS
	Ant2	5190	-2.25	≤15	PASS

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中国国家认证认可监督管理委员会  
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	total	5190	1.05	≤15	PASS
	Ant1	5230	-1.89	≤15	PASS
	Ant2	5230	-2.24	≤15	PASS
	total	5230	0.95	≤15	PASS
	Ant1	5755	-5.72	≤28	PASS
	Ant2	5755	-5.53	≤28	PASS
	total	5755	-2.39	≤28	PASS
	Ant1	5795	-5.68	≤28	PASS
	Ant2	5795	-5.10	≤28	PASS
11AC80MIMO	total	5795	-2.37	≤28	PASS
	Ant1	5210	-5.83	≤15	PASS
	Ant2	5210	-5.87	≤15	PASS
	total	5210	-2.84	≤15	PASS
	Ant1	5775	-7.89	≤28	PASS
	Ant2	5775	-7.40	≤28	PASS
	total	5775	-4.63	≤28	PASS



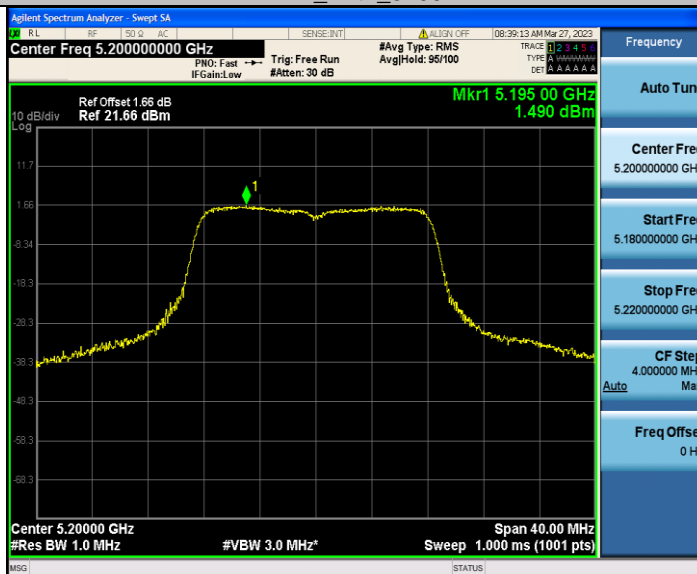
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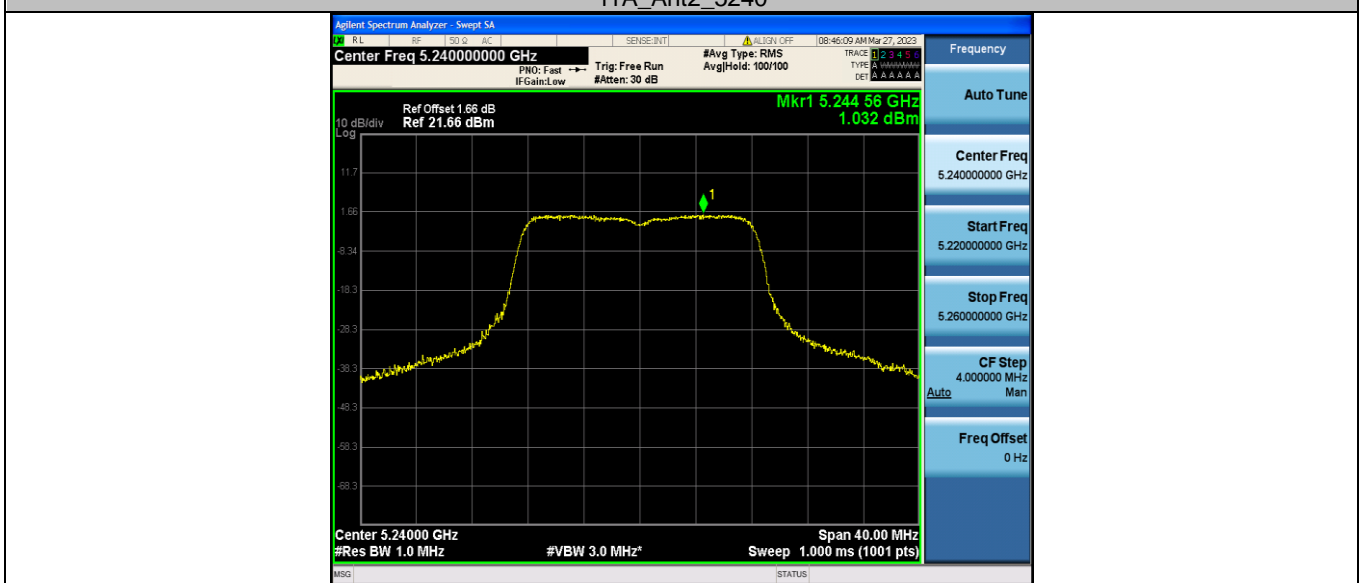
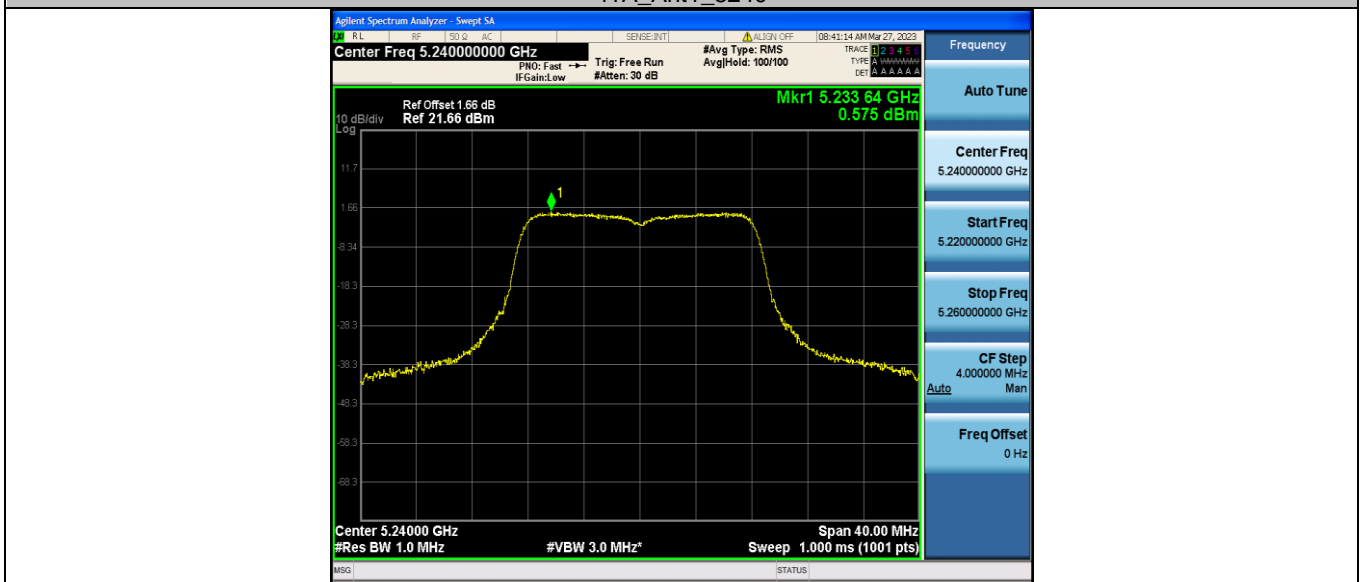
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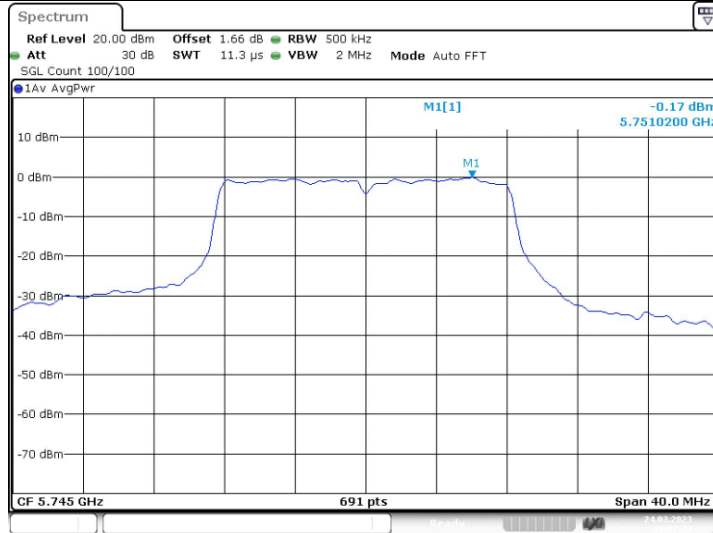


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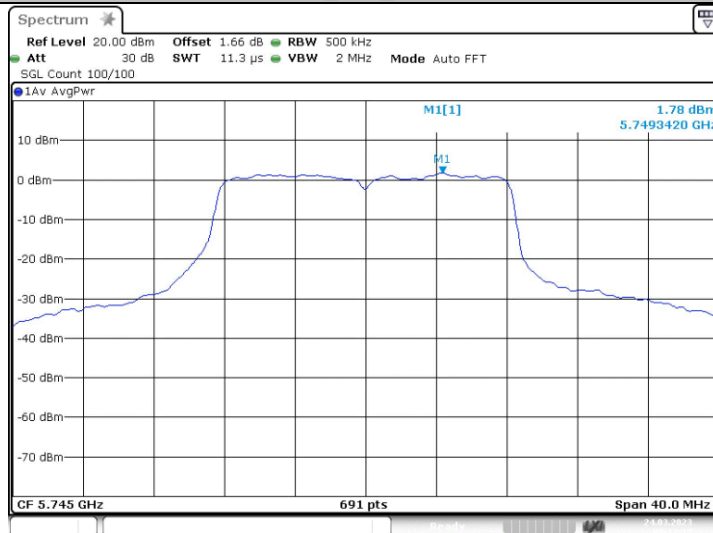
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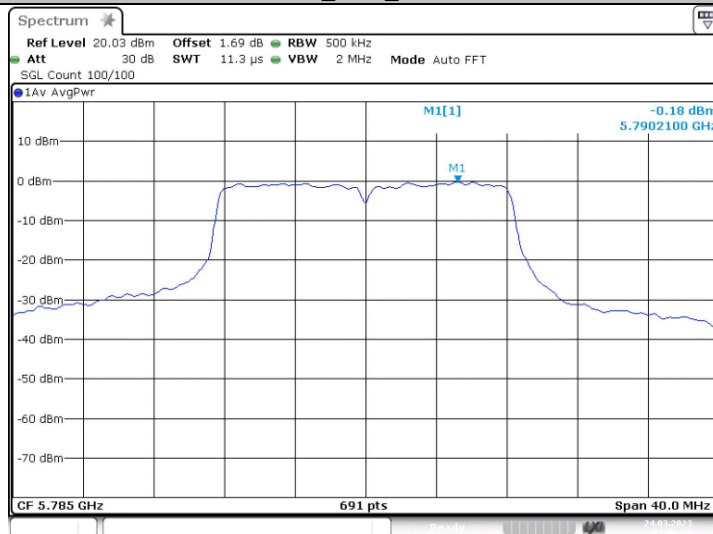
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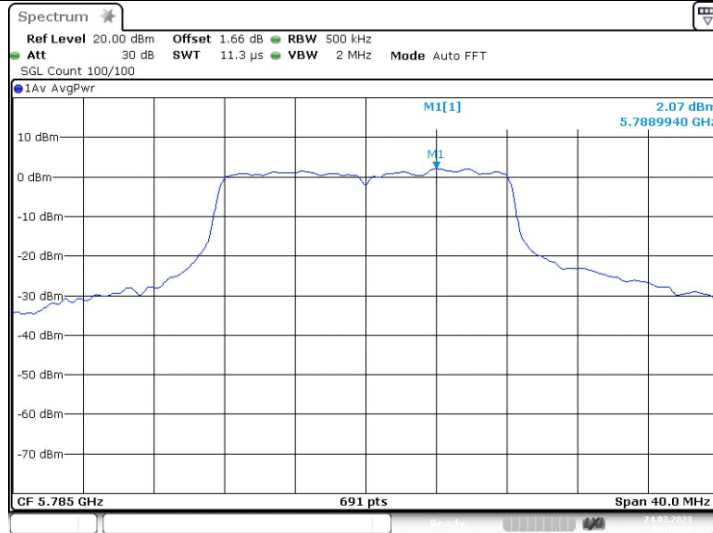
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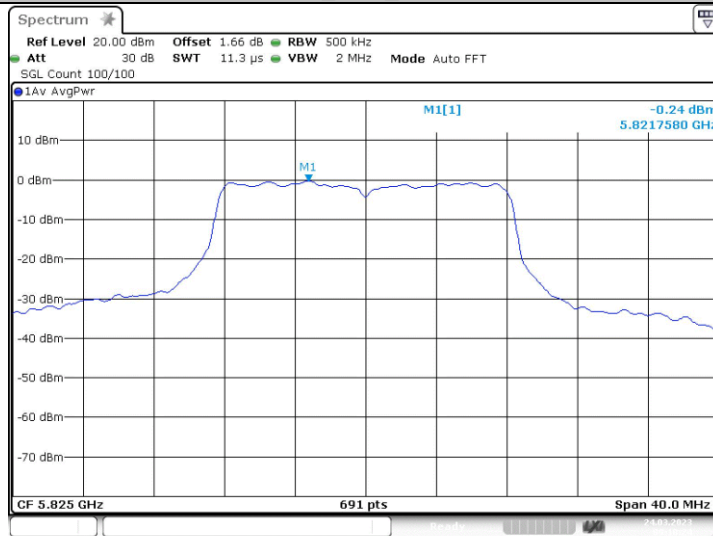
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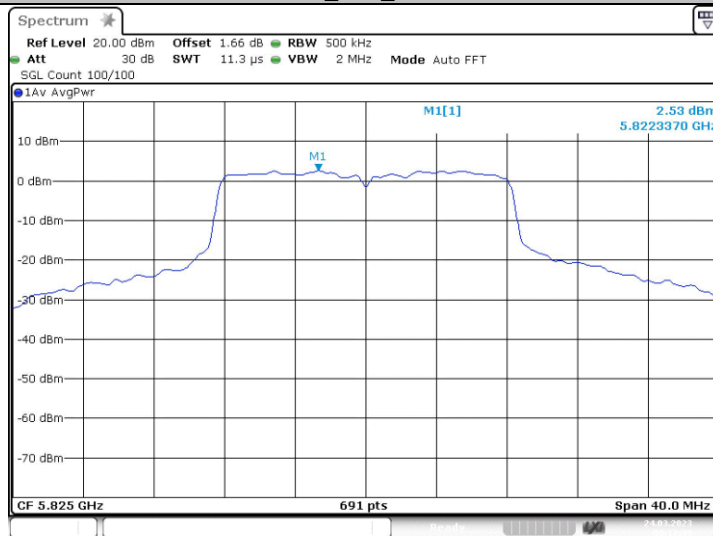
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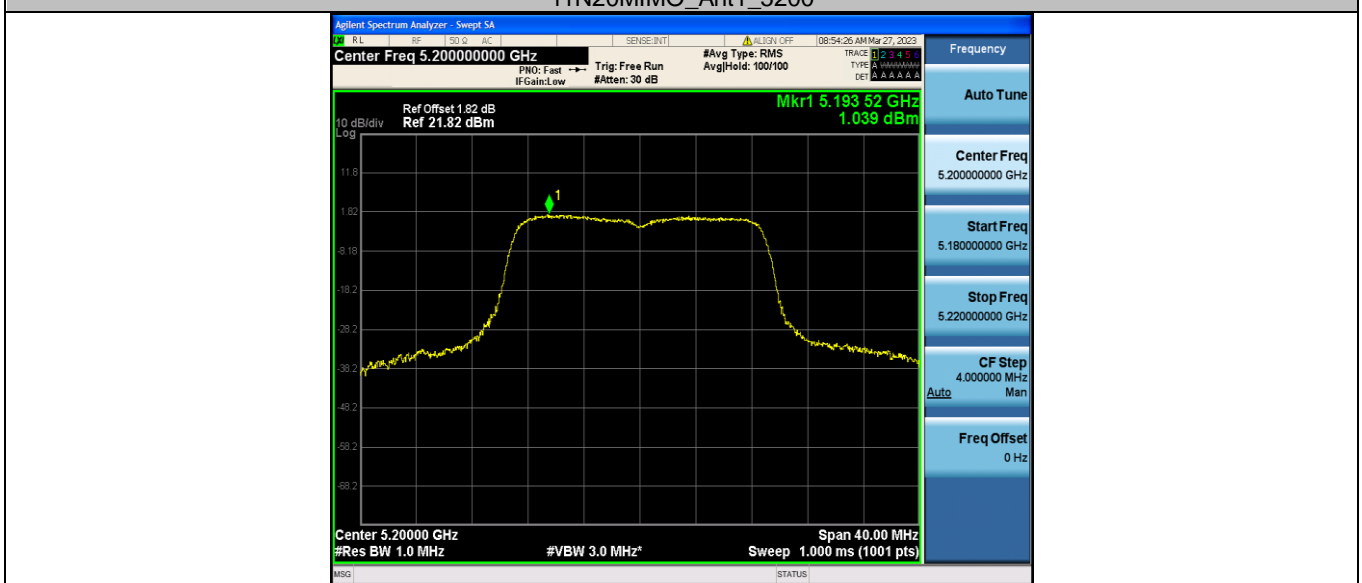
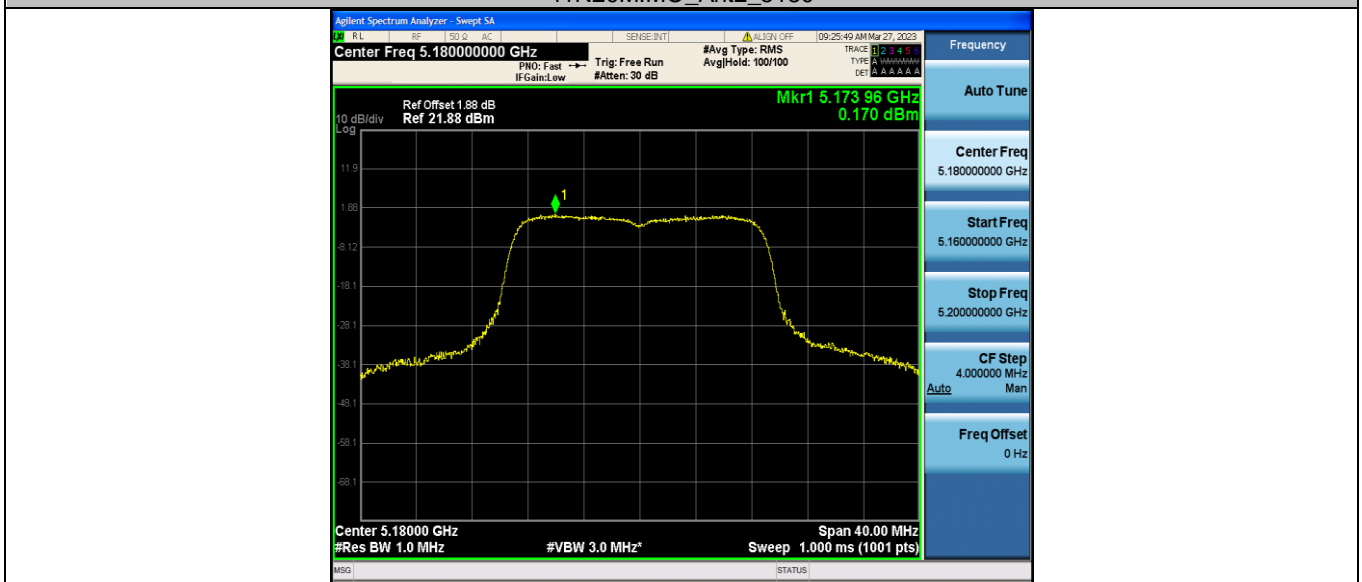
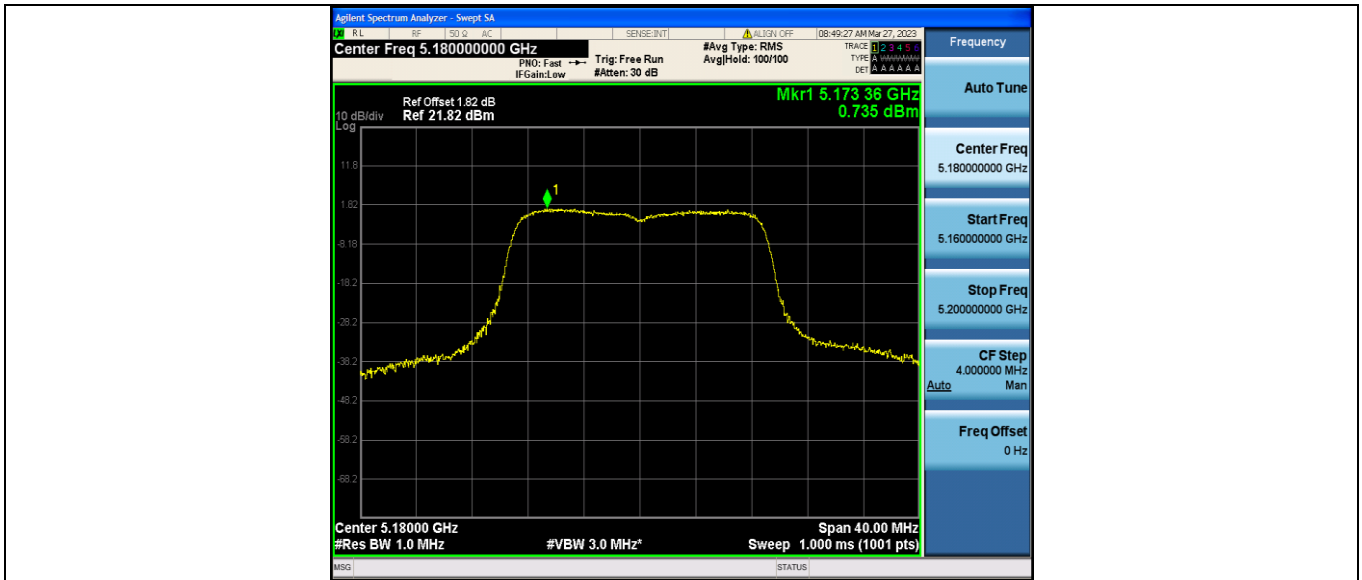
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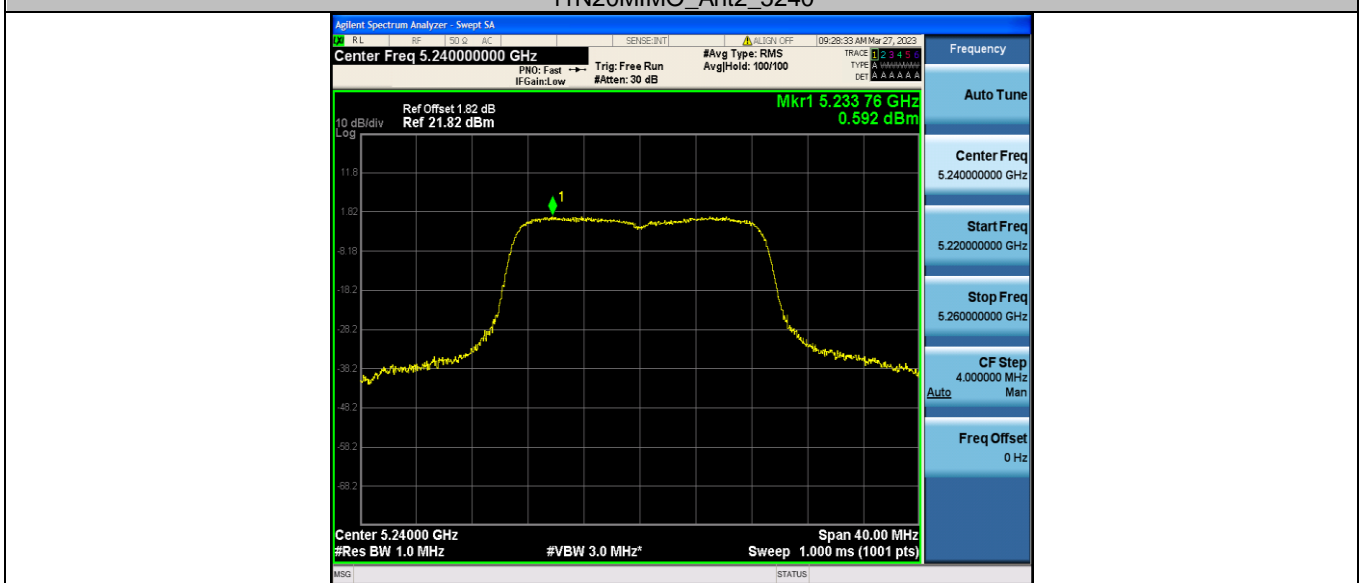
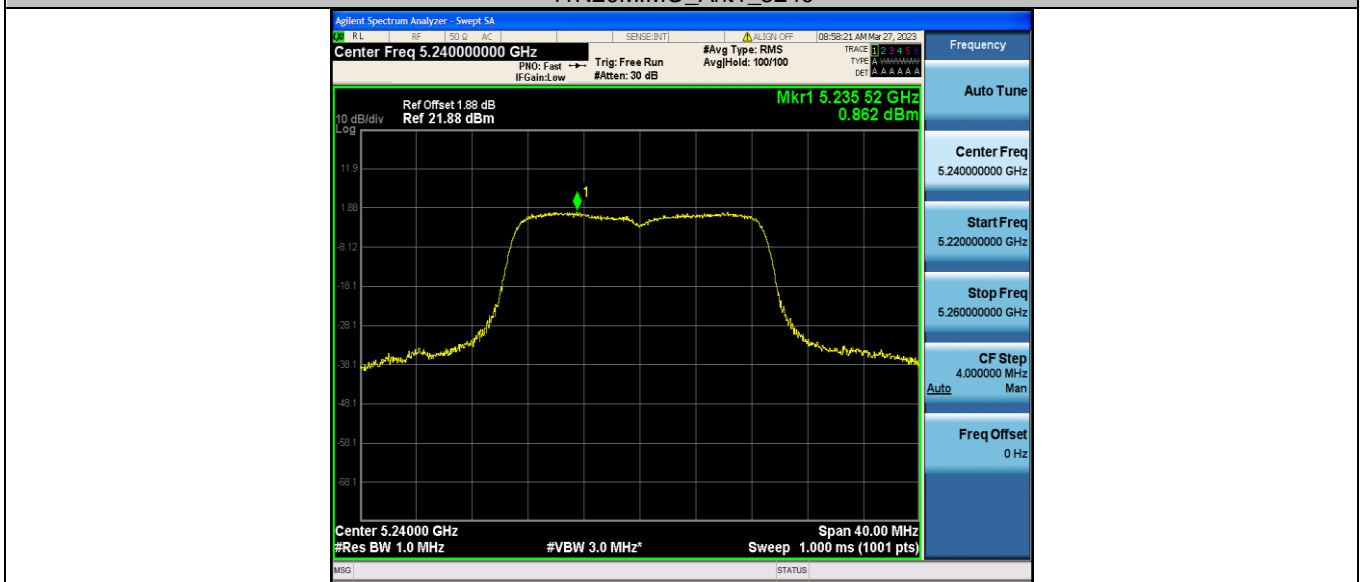


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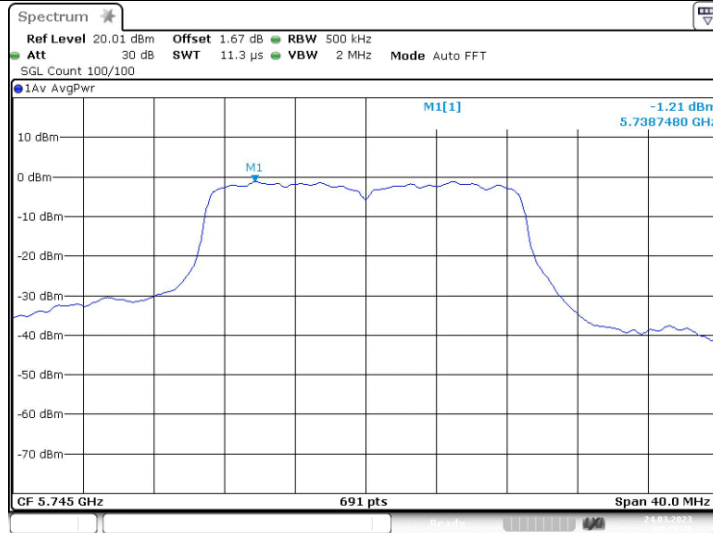
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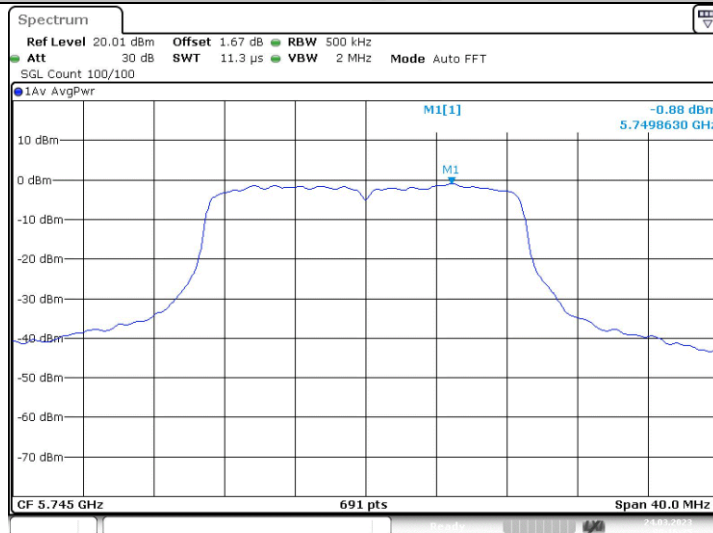






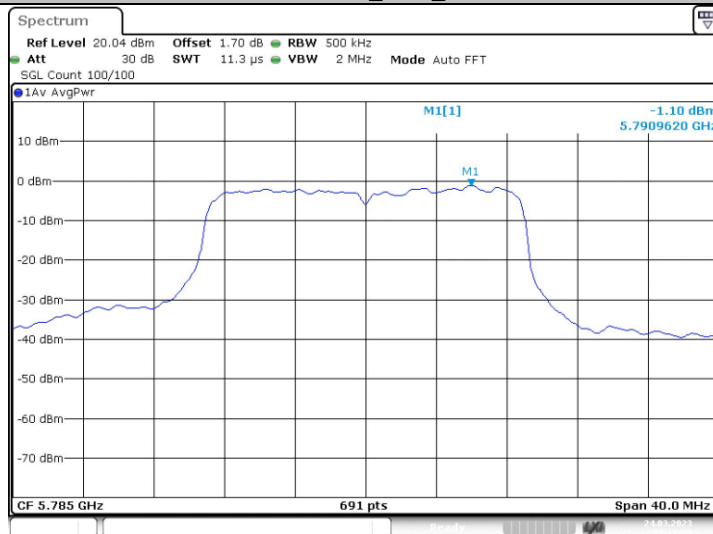
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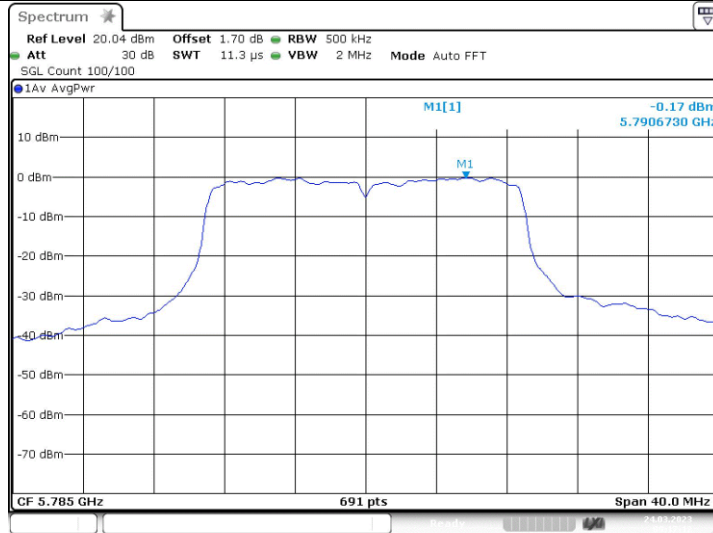
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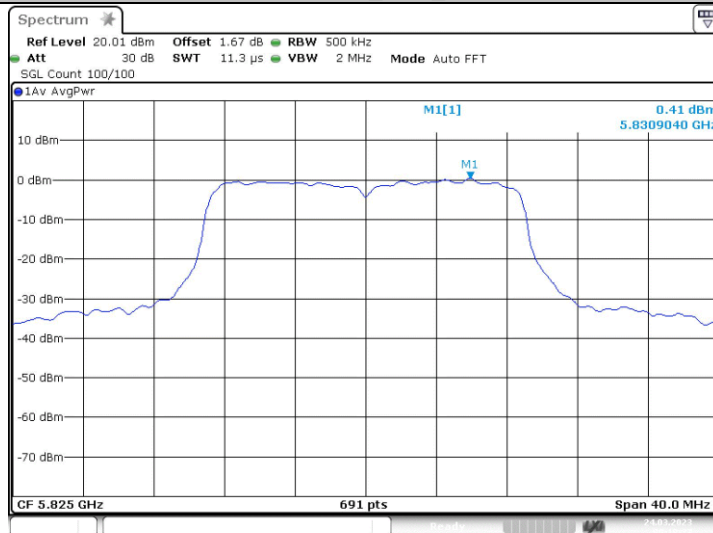
11N20MIMO\_An2\_5785





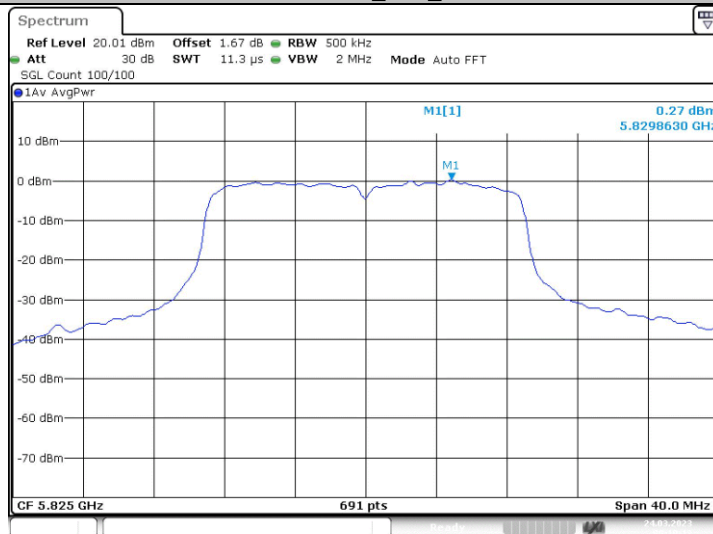
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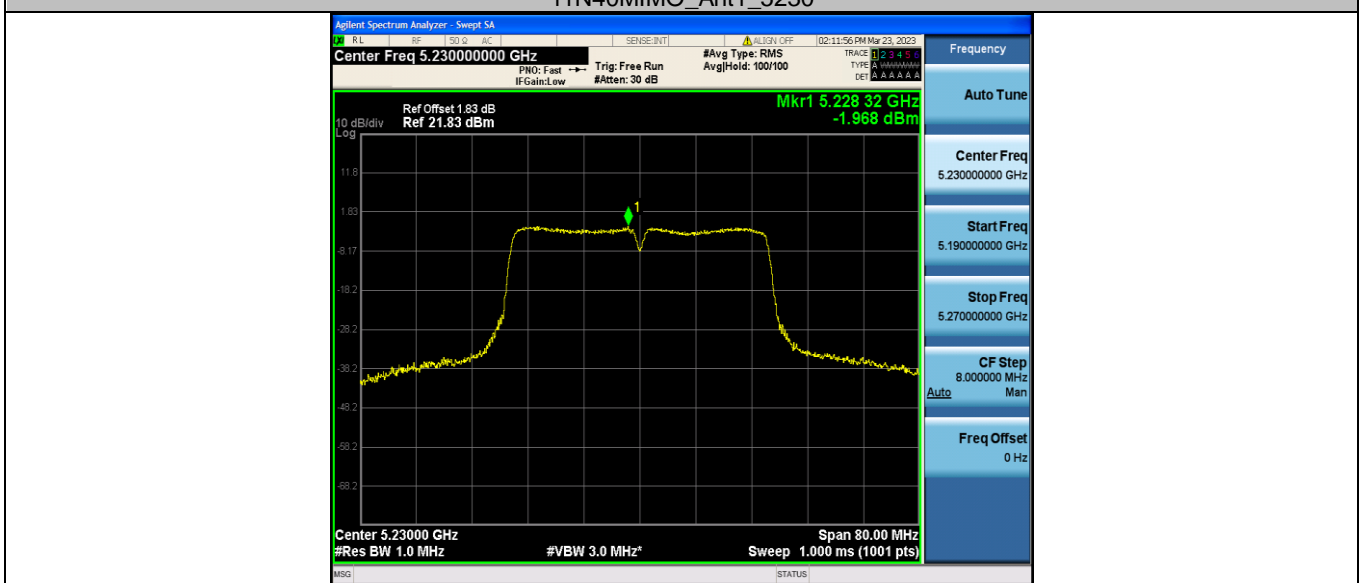
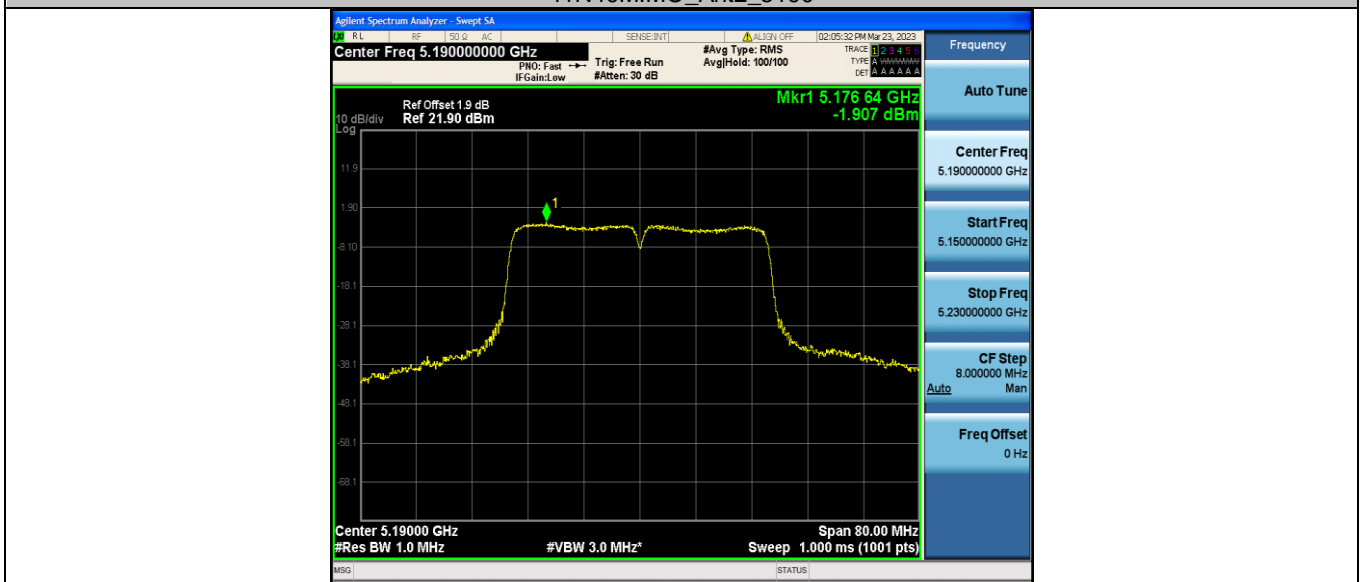
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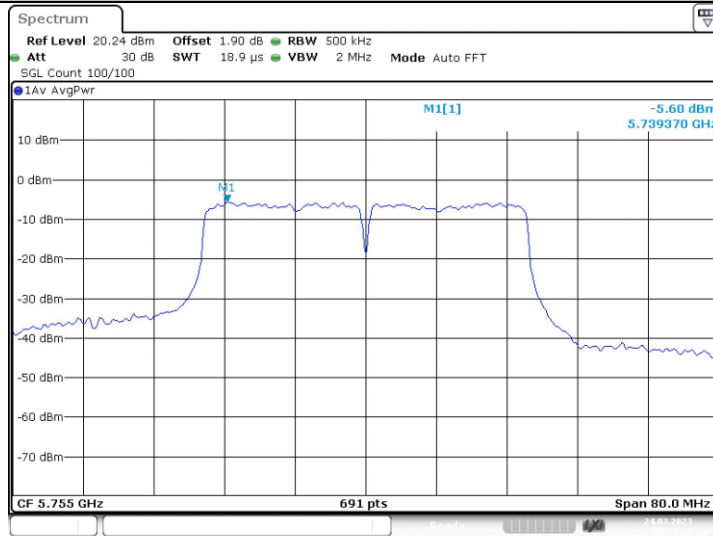
11N40MIMO\_Ant1\_5190





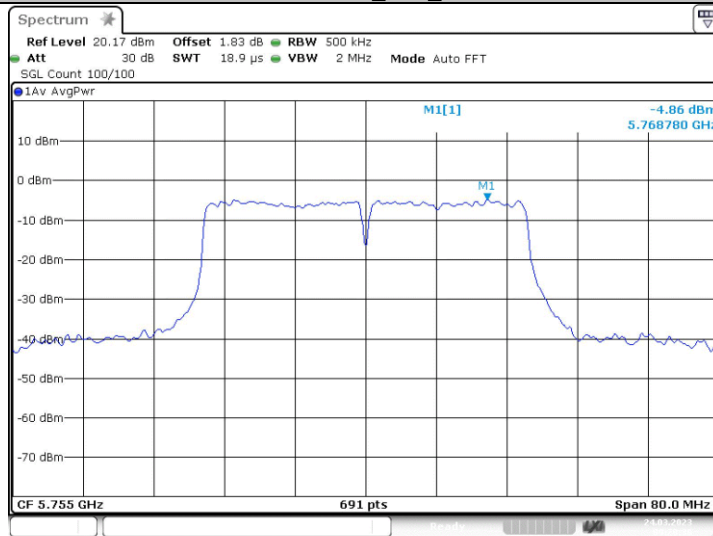


11N40MIMO\_Ant1\_5755



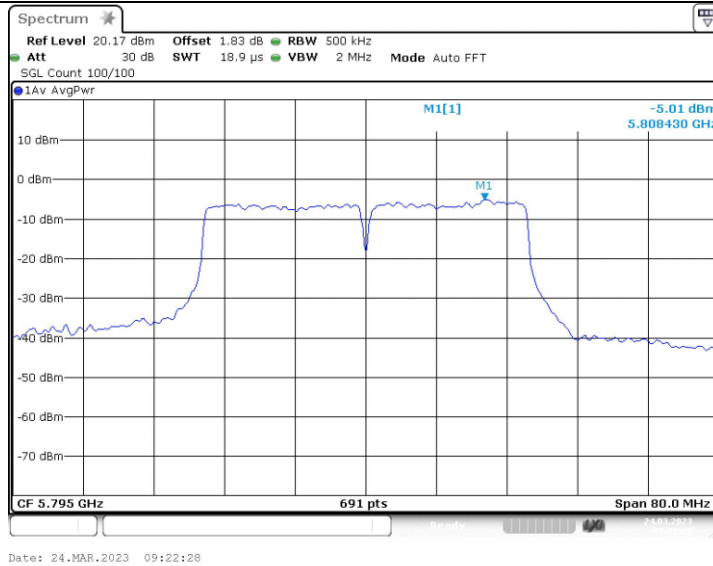
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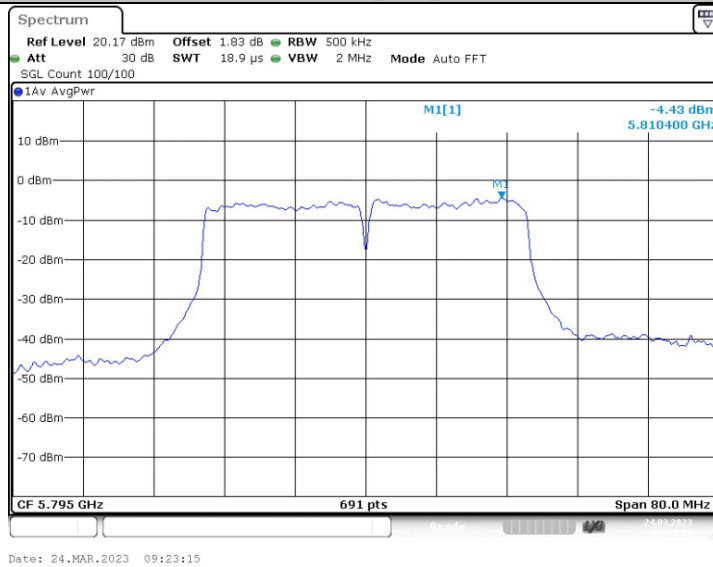


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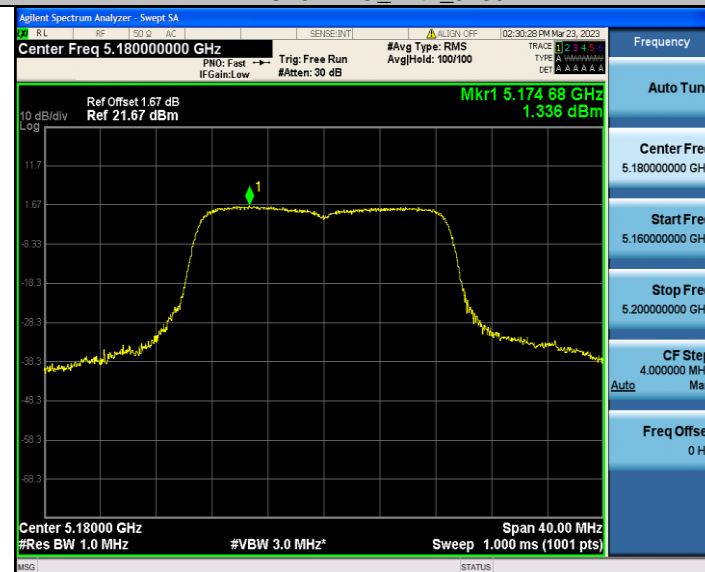
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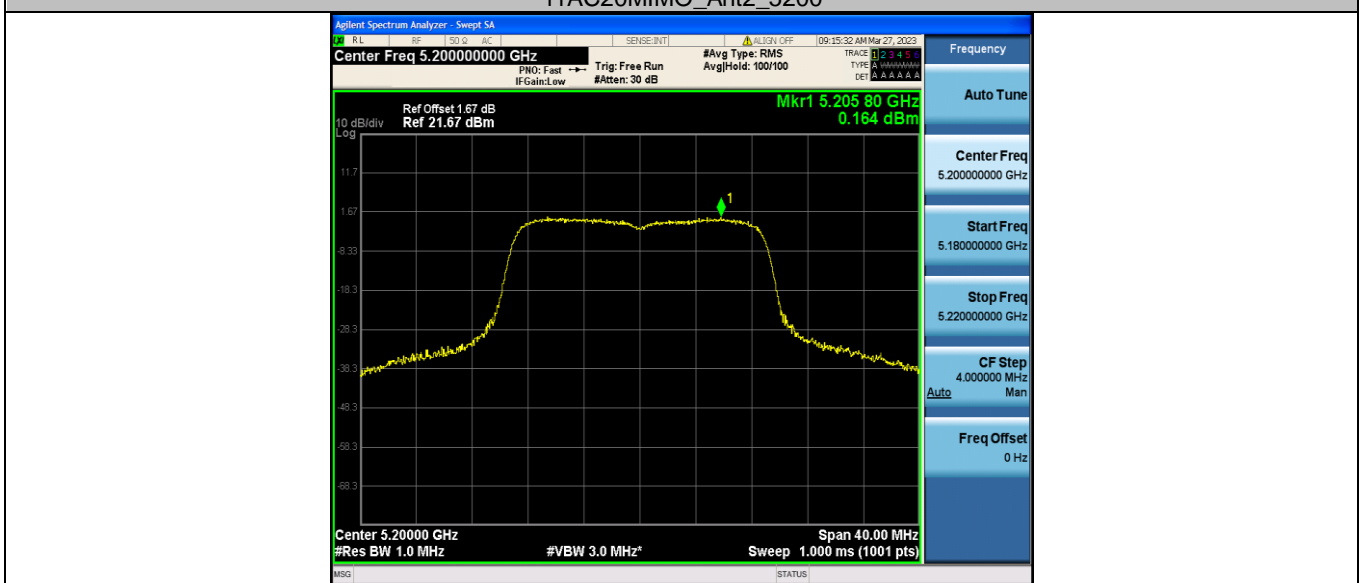
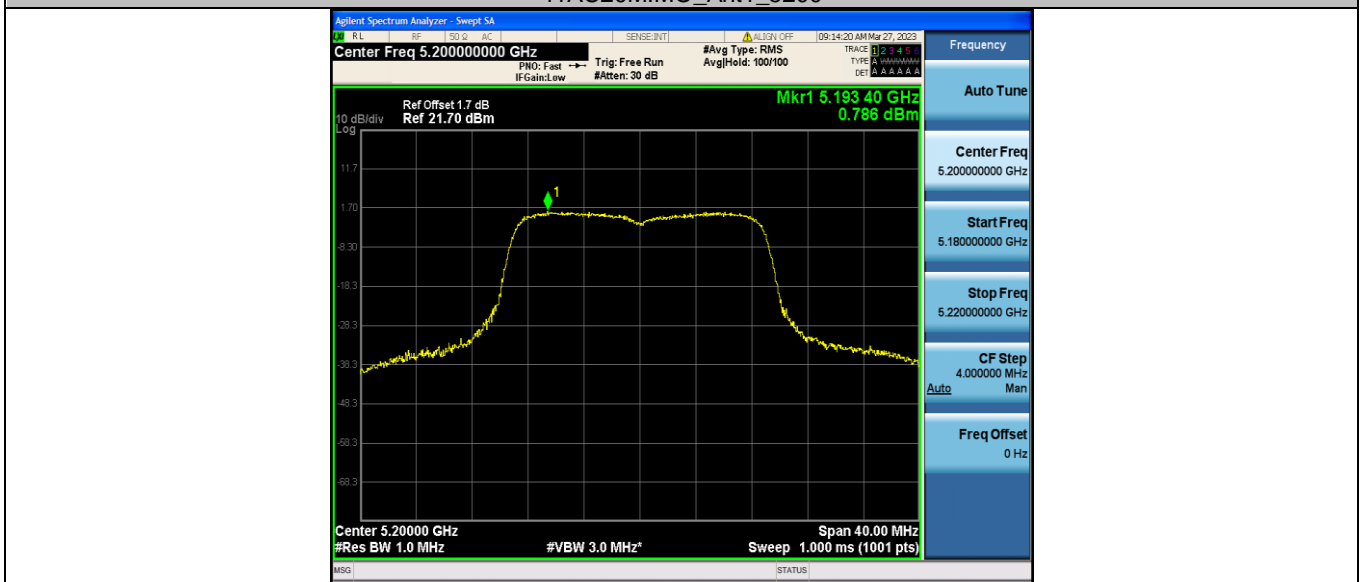
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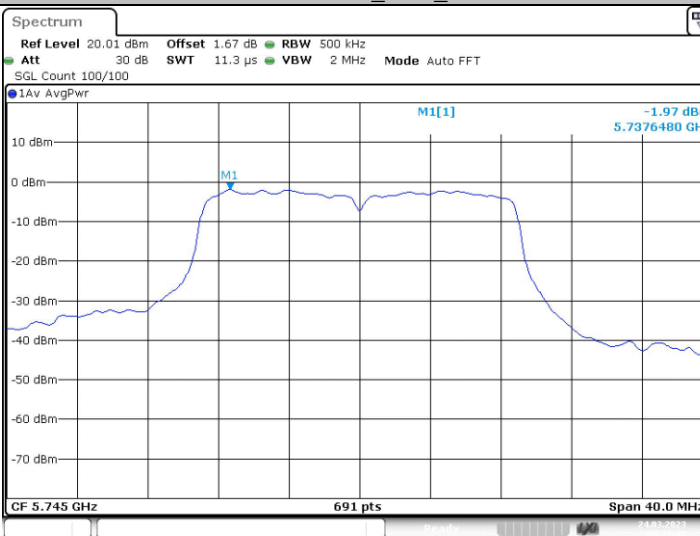
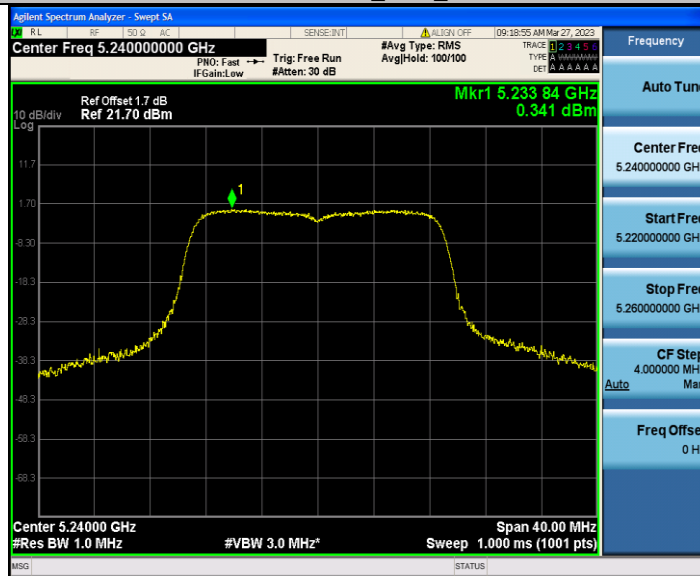


11AC20MIMO\_Ant1\_5180



11AC20MIMO\_Ant2\_5180

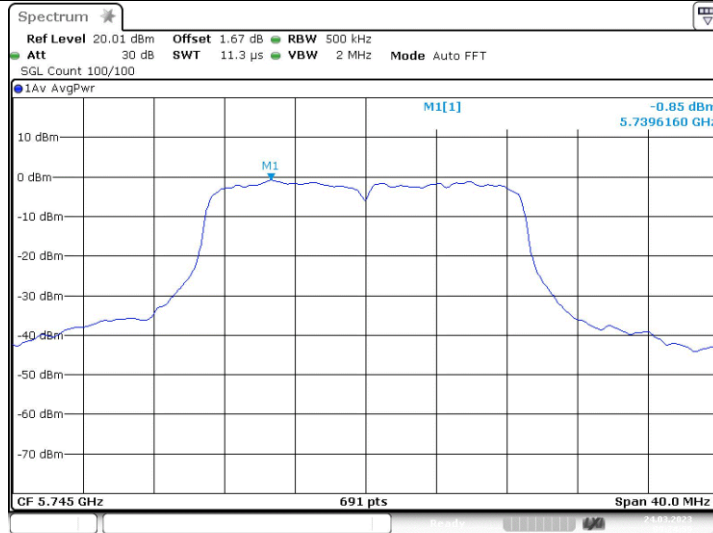




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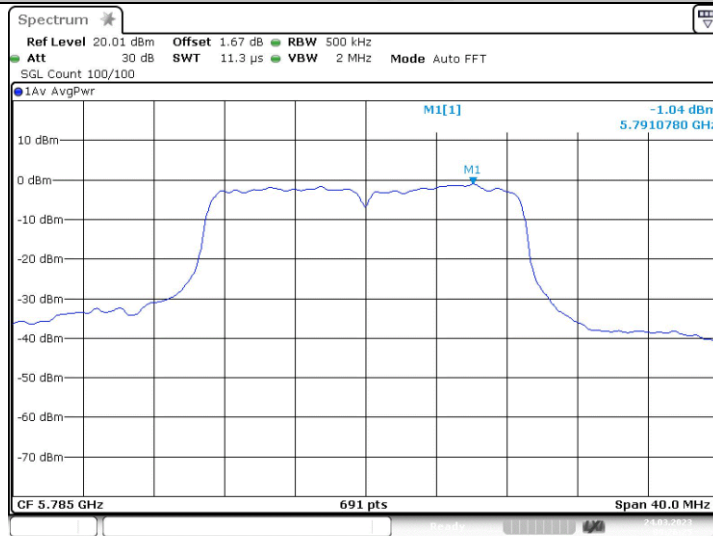
11AC20MIMO\_An2\_5745





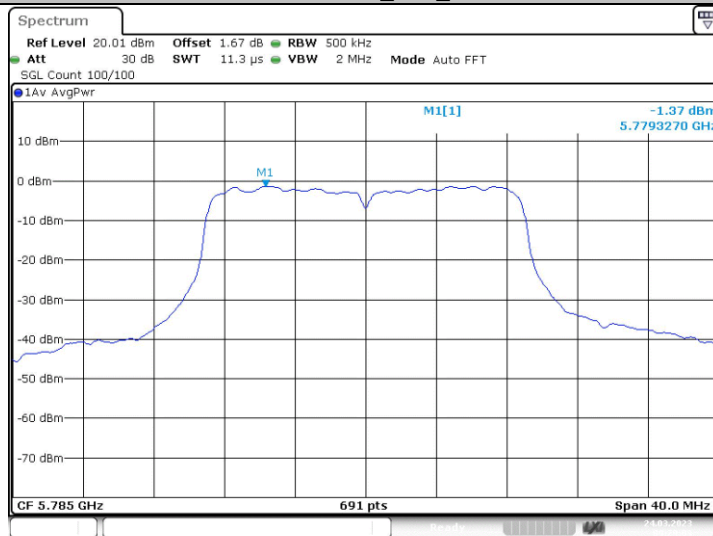
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11AC20MIMO\_Ant1\_5785



Date: 24.MAR.2023 09:26:25

11AC20MIMO\_An2\_5785

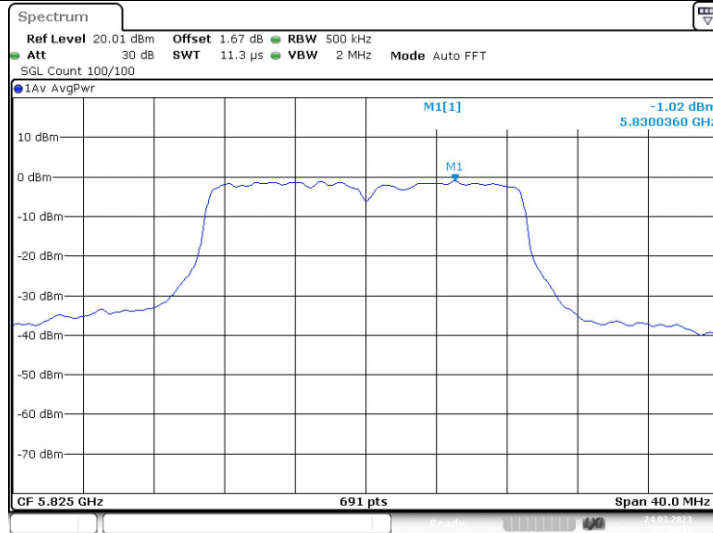


Date: 24.MAR.2023 09:29:04

11AC20MIMO\_Ant1\_5825







Date: 24.MAR.2023 09:30:15

11AC20MIMO\_Ant2\_5825



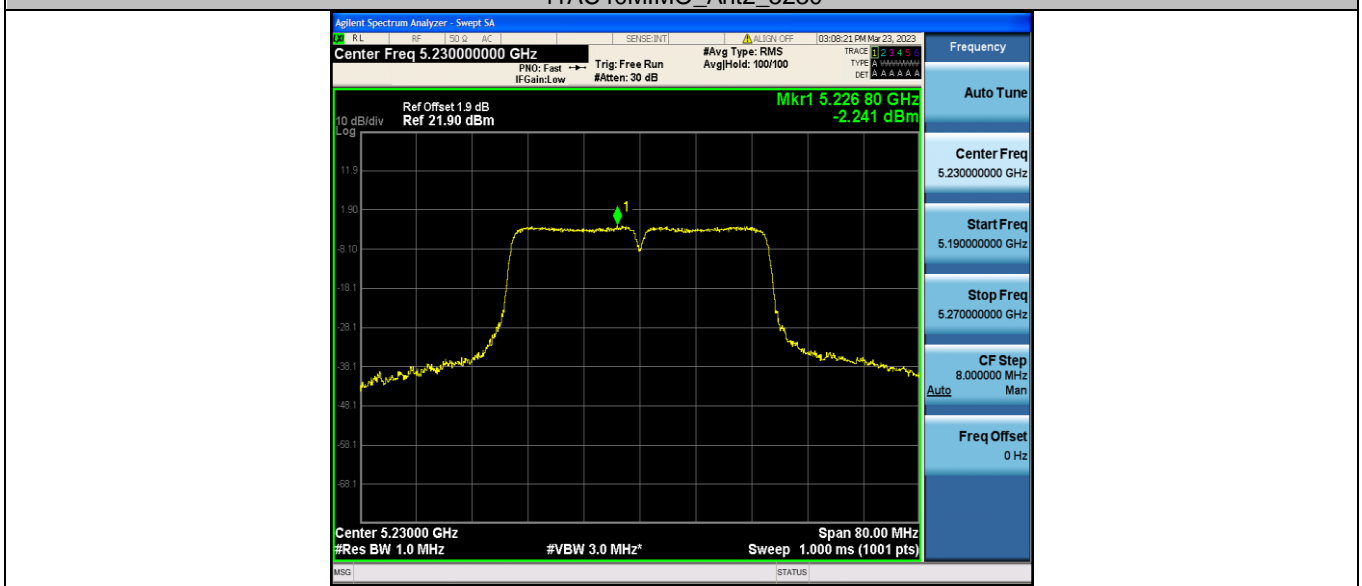
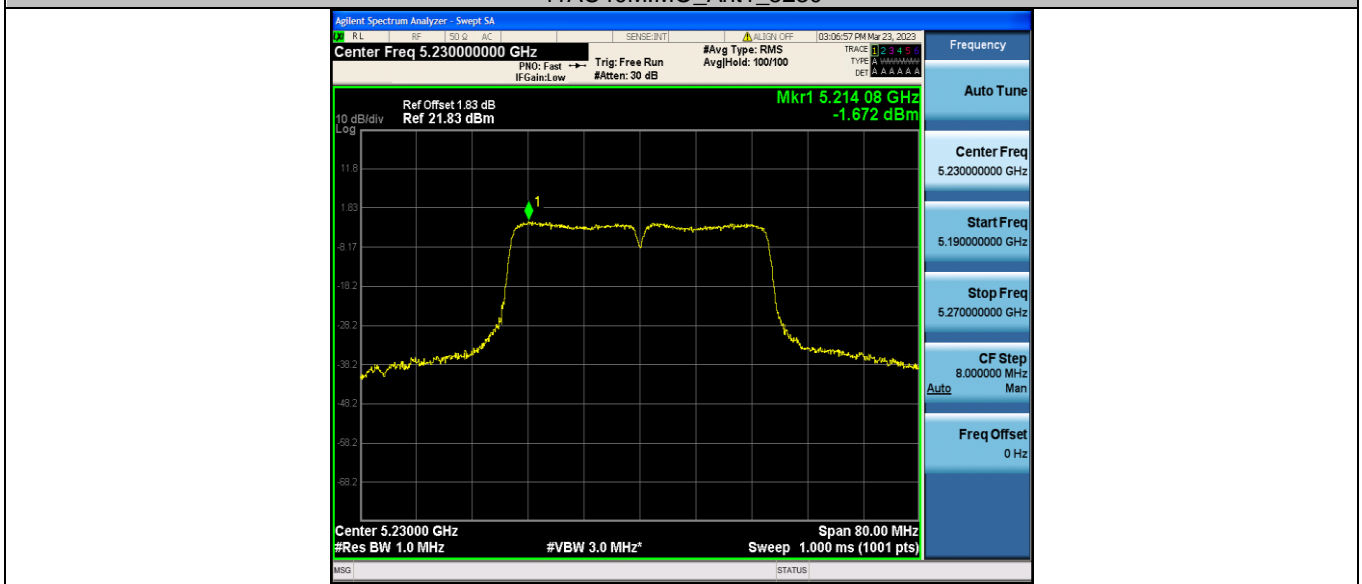
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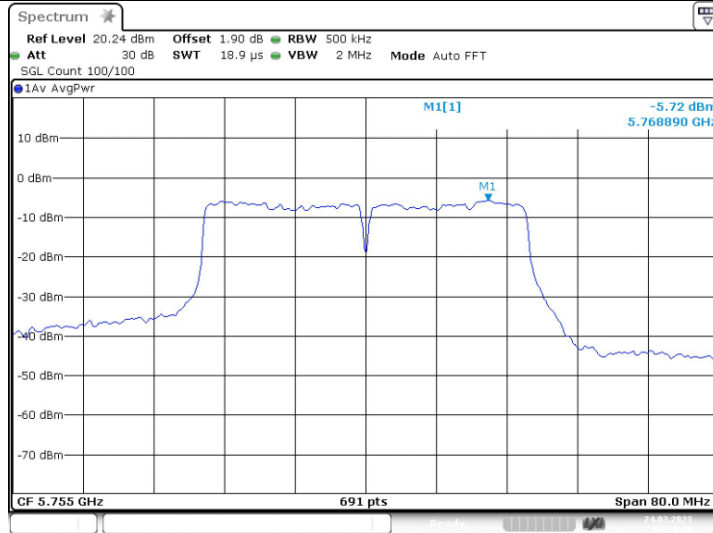
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11AC40MIMO\_Ant2\_5190

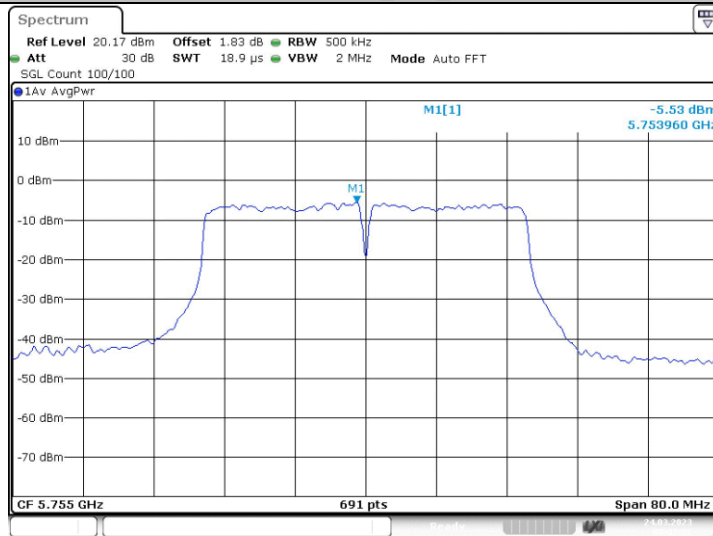






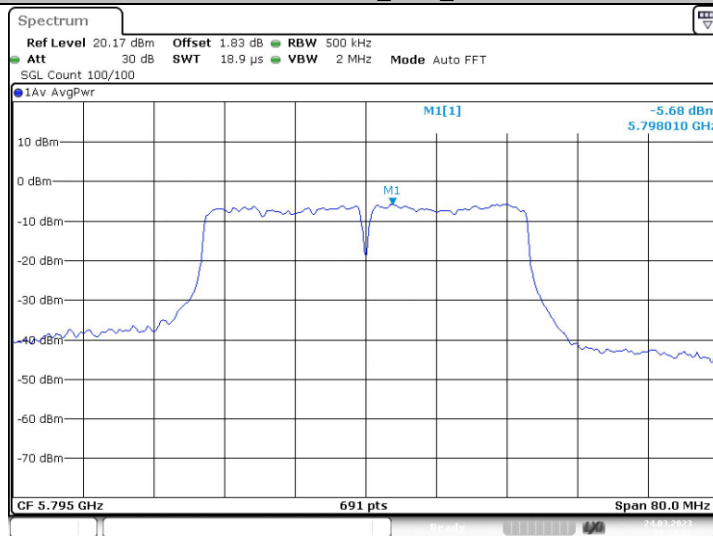
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11AC40MIMO\_An2\_5755



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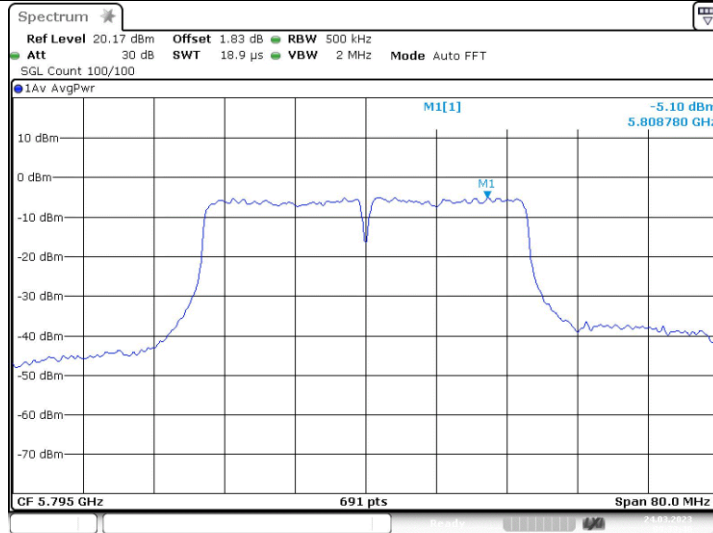
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11AC40MIMO\_An2\_5795



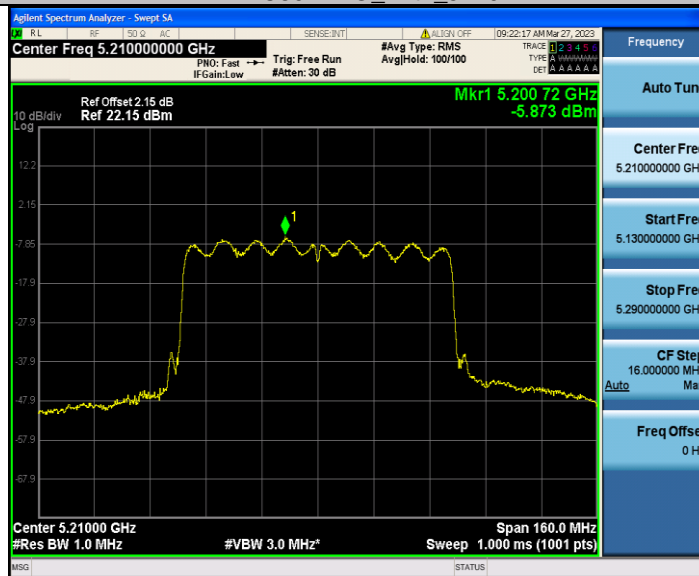


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11AC80MIMO\_Ant1\_5210

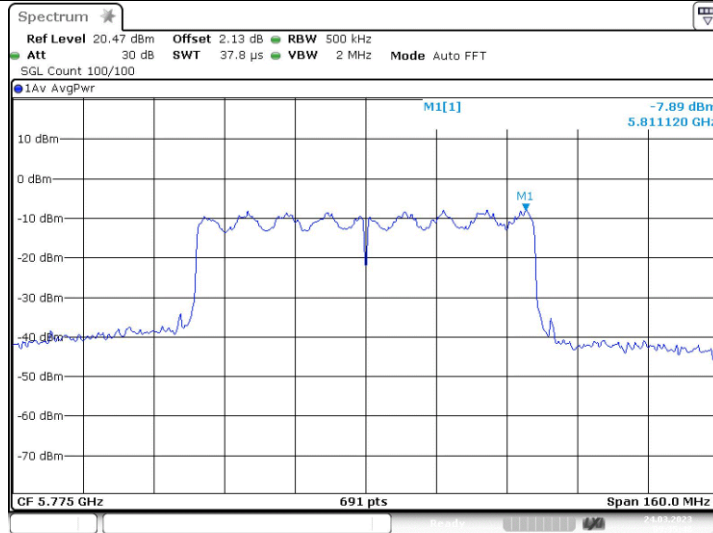


11AC80MIMO\_Ant2\_5210



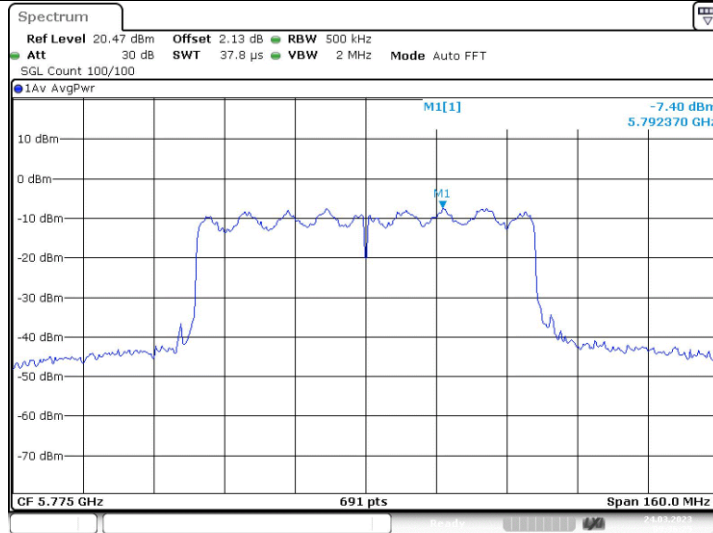
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Date: 24.MAR.2023 09:35:48

11AC80MIMO\_An2\_5775



Date: 24.MAR.2023 09:36:24

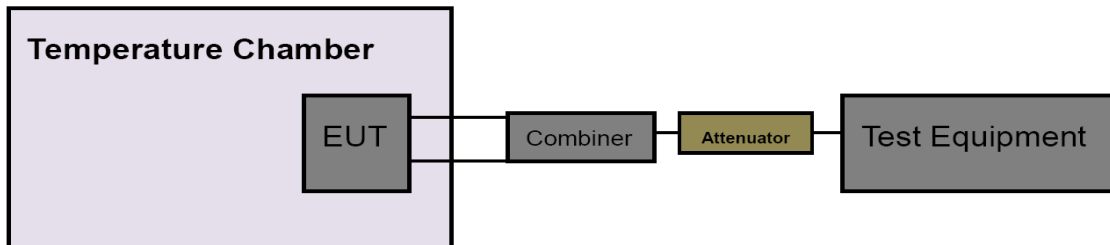


### 3.7. Frequency Stability Measurement

**Limit**

FCC Part 15 Subpart C(15.407)		
Test Item	Limit	Frequency Range(MHz)
Peak Excursion Measurement	Specified in the user's manual, the transmitter center frequency tolerance shall be $\pm 20$ ppm maximum for the 5 GHz band (IEEE 802.11n specification)	5150~5250
		5250~5350
		5500~5700
		5725~5850

**Test Configuration**



**Test Procedure**

The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram above.

- (1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- (2) Set analyzer center frequency to transmitting frequency.
- (3) Set the span to encompass the entire emissions bandwidth (EBW) of the signal.
- (4) Set the RBW to: 10MHz, VBW=10MHz with peak detector and maxhold settings.
- (5) The test extreme voltage is to change the primary supply voltage from 6.66V to 8.14V percent of the nominal value.
- (6) Extreme temperature is -10°C~40°C

NOTE: The EUT was set to continuously transmitting in continuously un-modulation transmitting mode. The limit for frequency stability is maintained within the band of operation.

**Test Mode**

Please refer to the clause 2.4.

**Test Result**