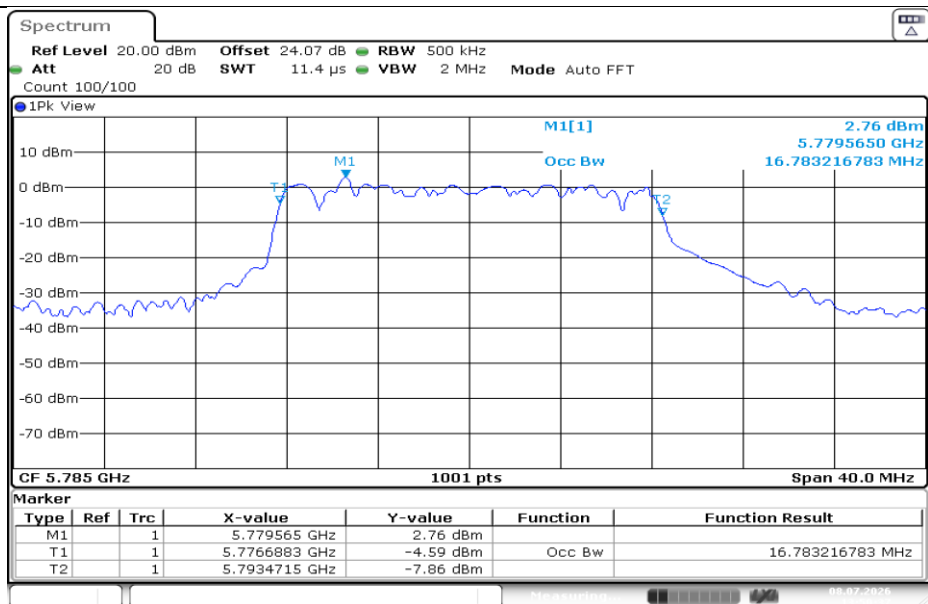
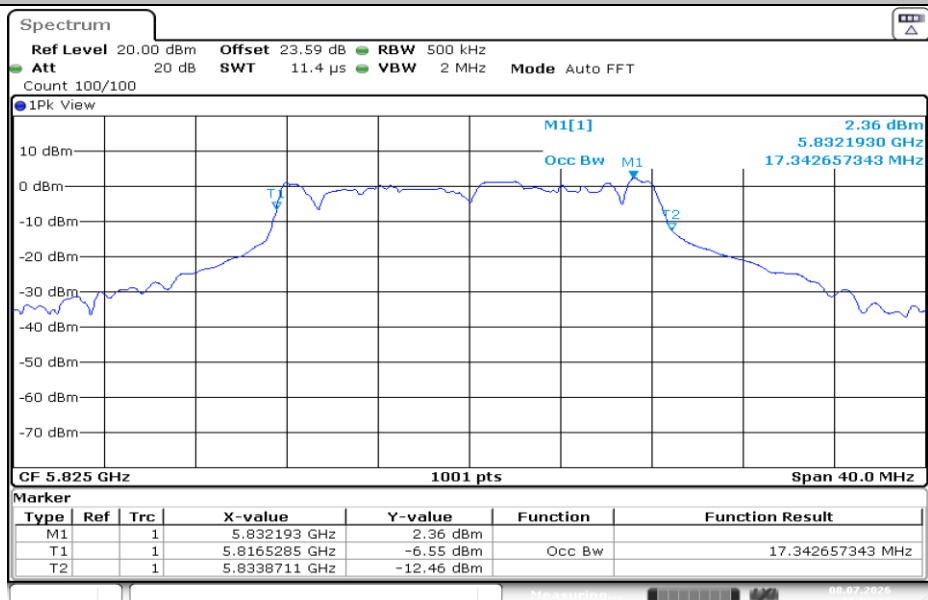
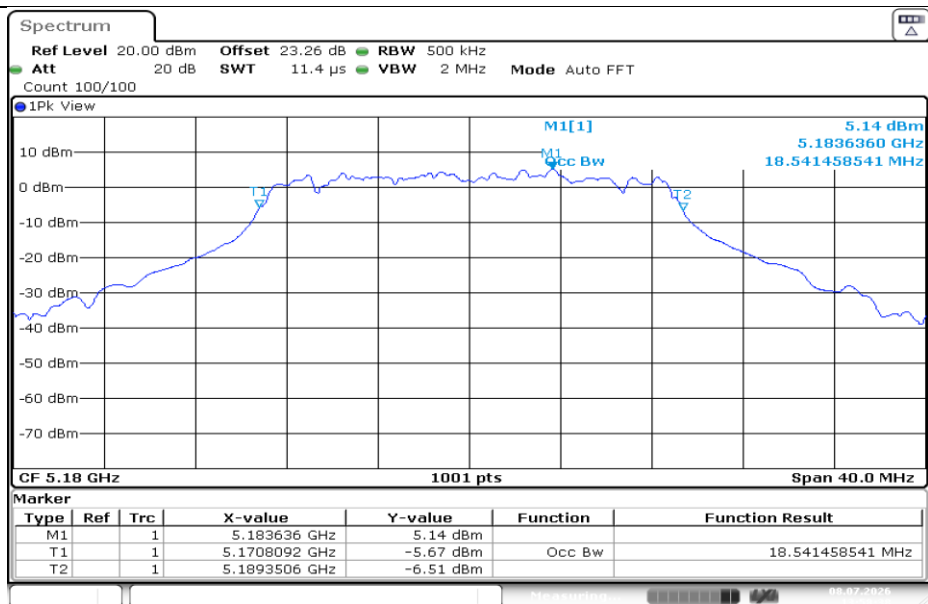




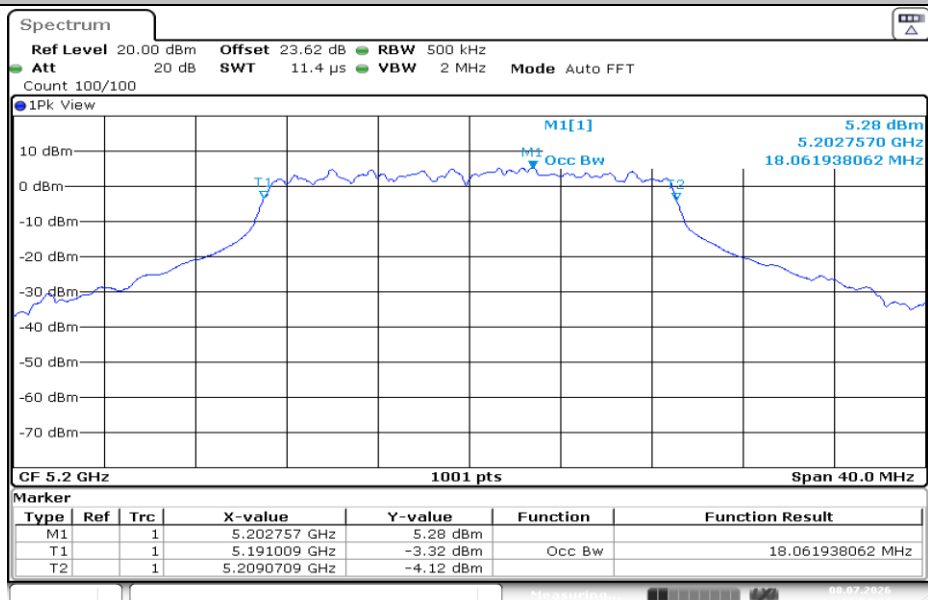
11A-Ant1-5785



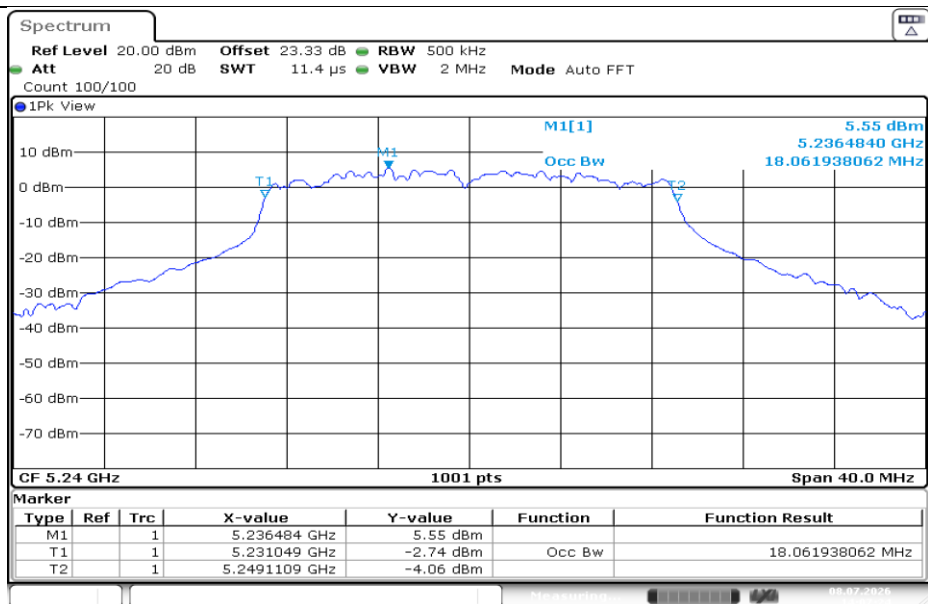
11A-Ant1-5825



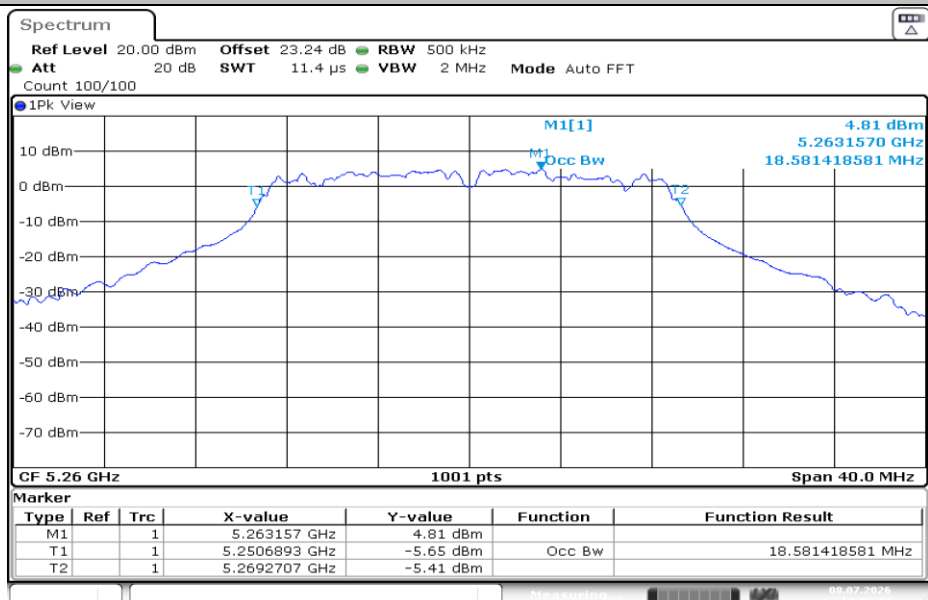
11N20SISO-Ant1-5180



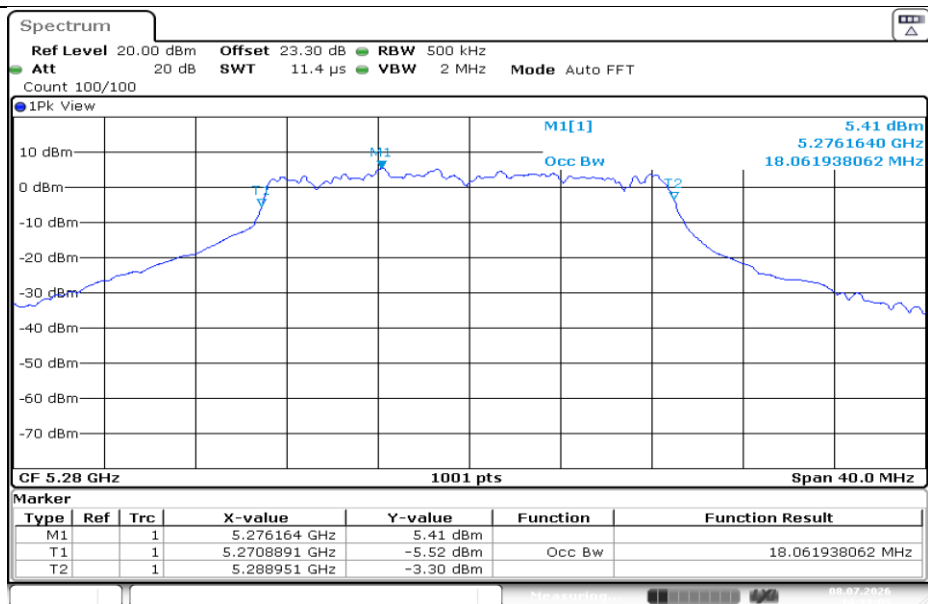
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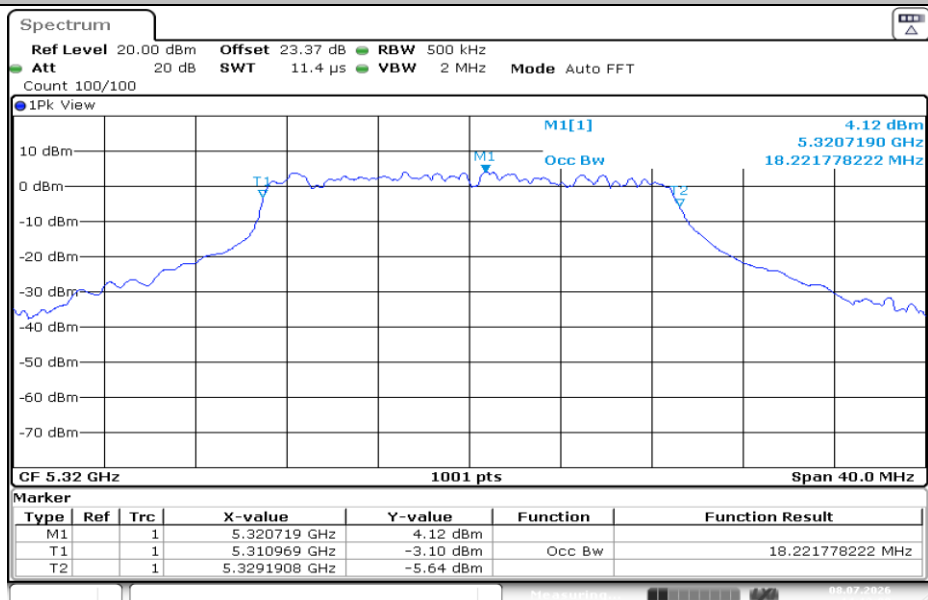
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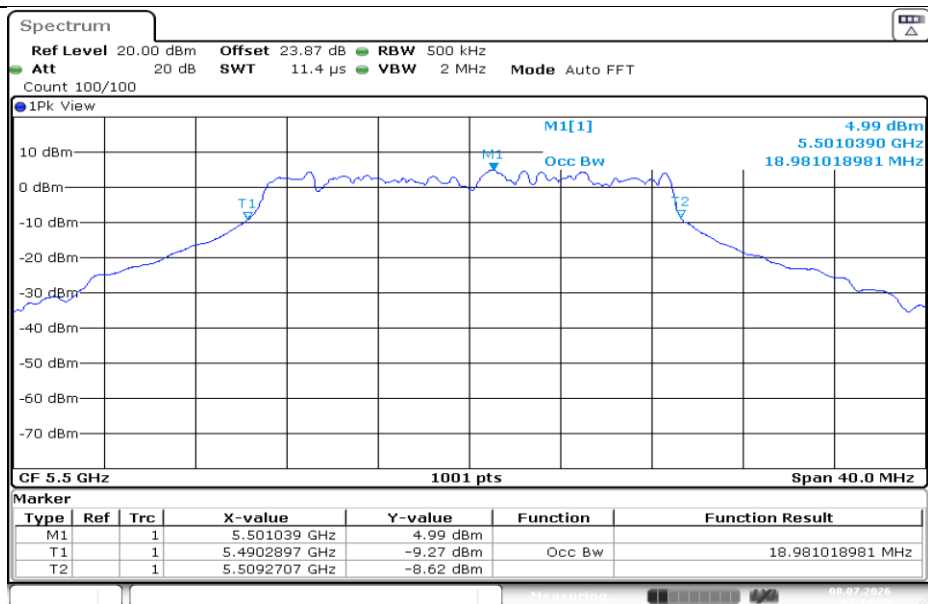
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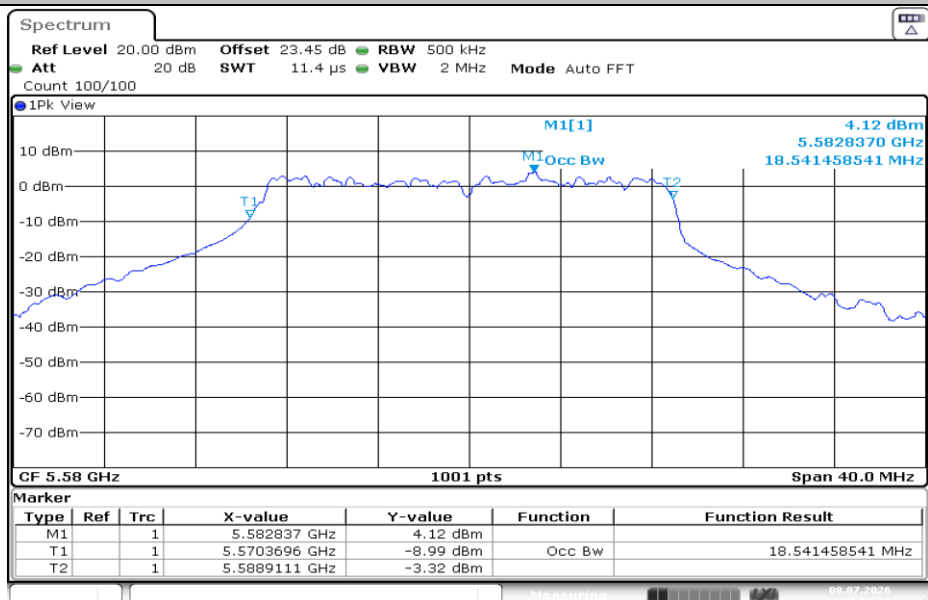
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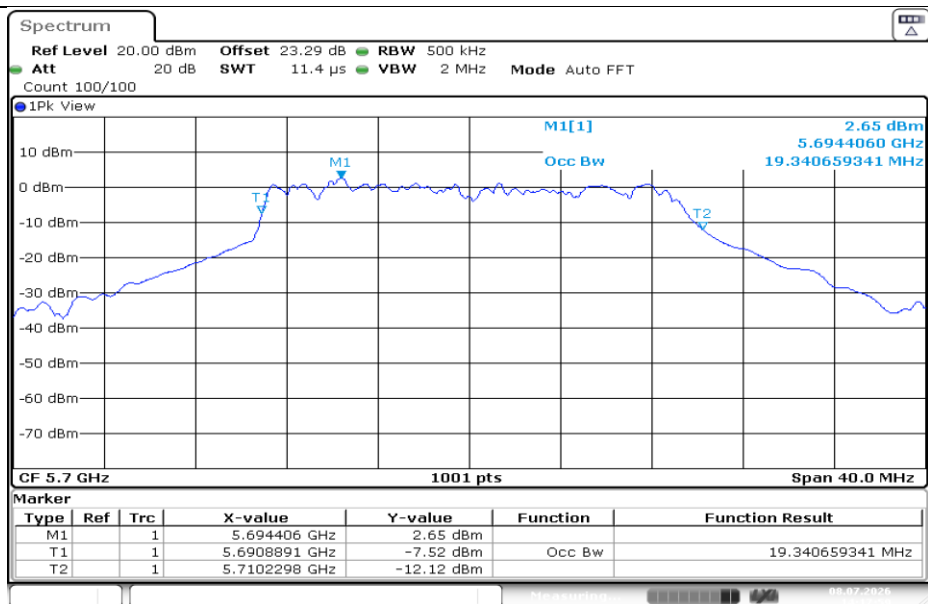
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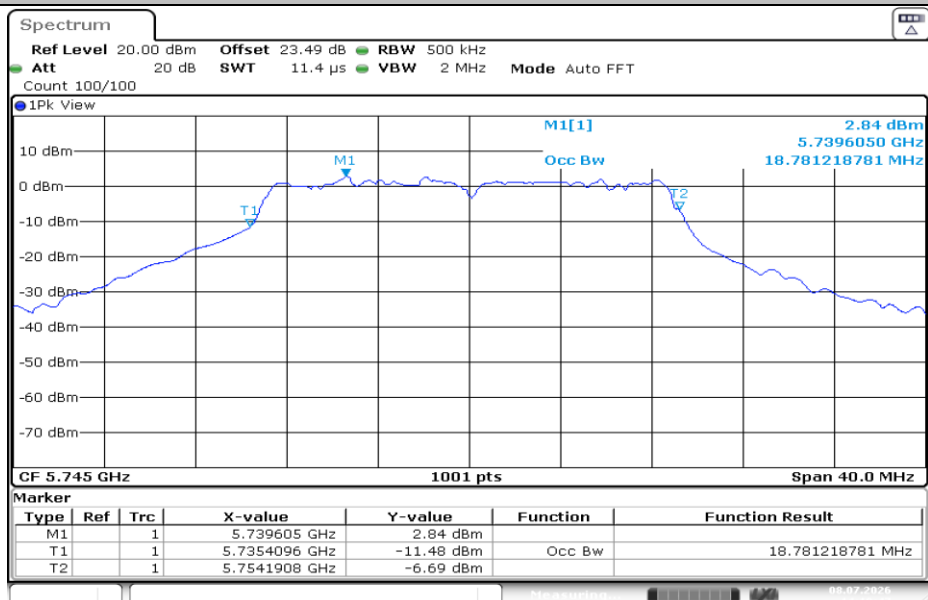
11N20SISO-Ant1-5500



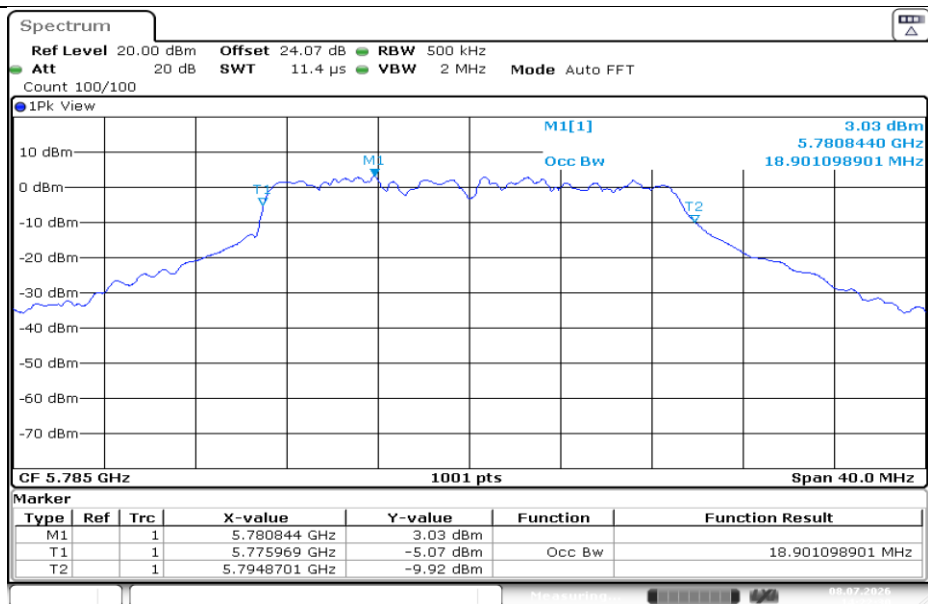
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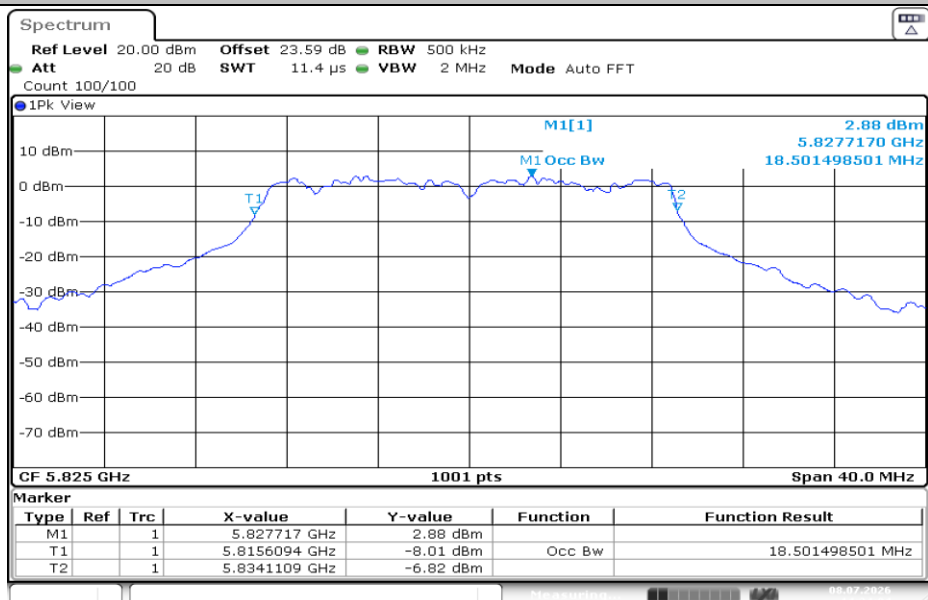
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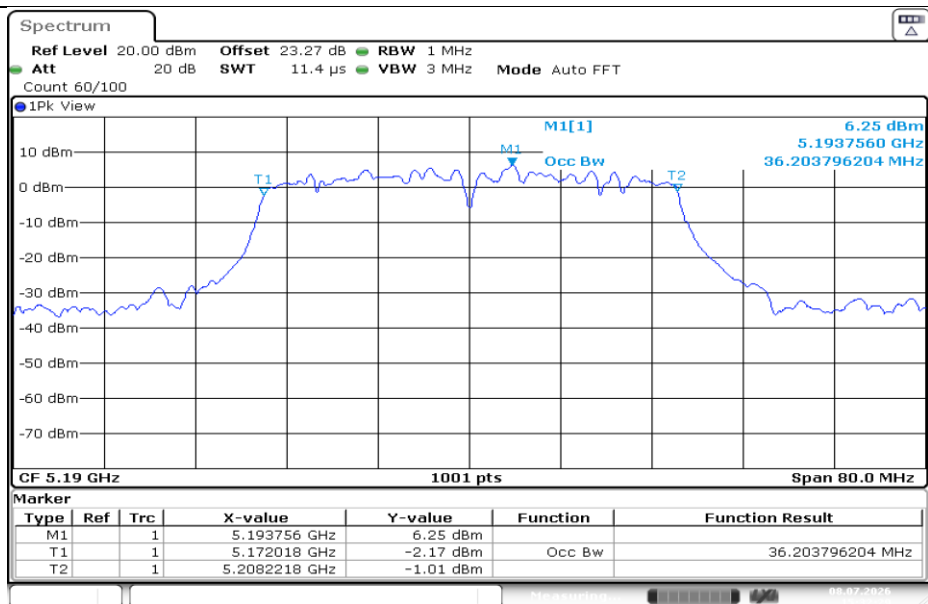
11N20SISO-Ant1-5745



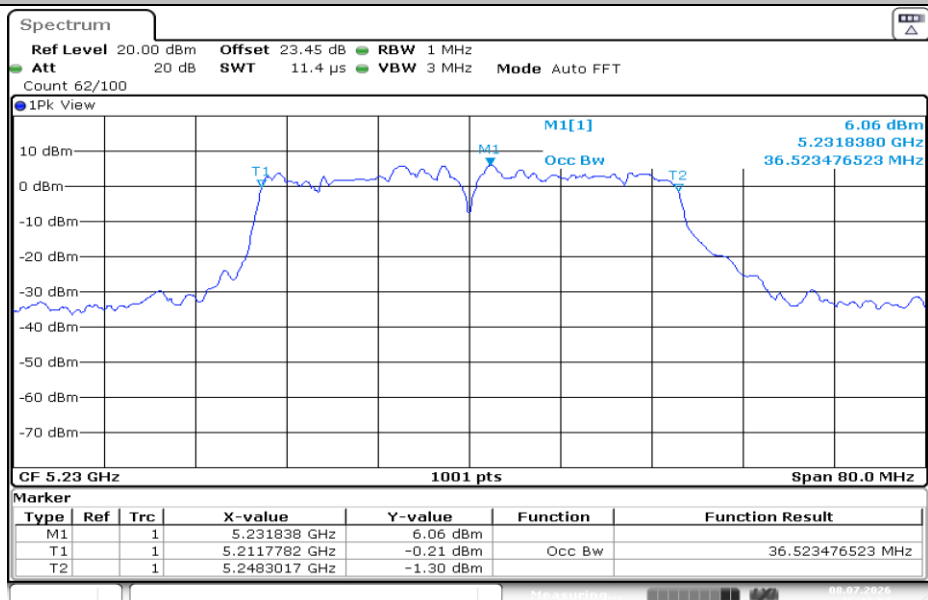
11N20SISO-Ant1-5785



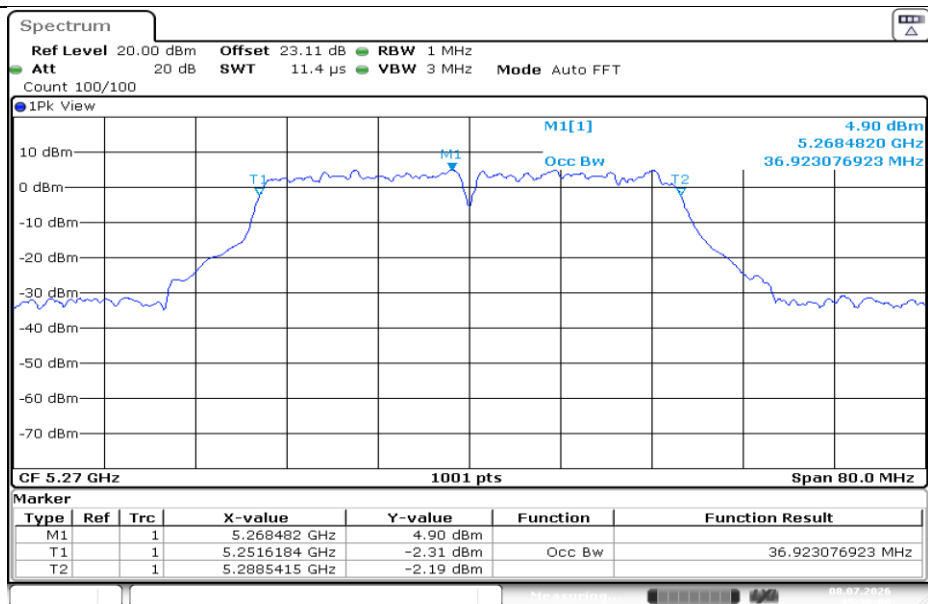
11N20SISO-Ant1-5825



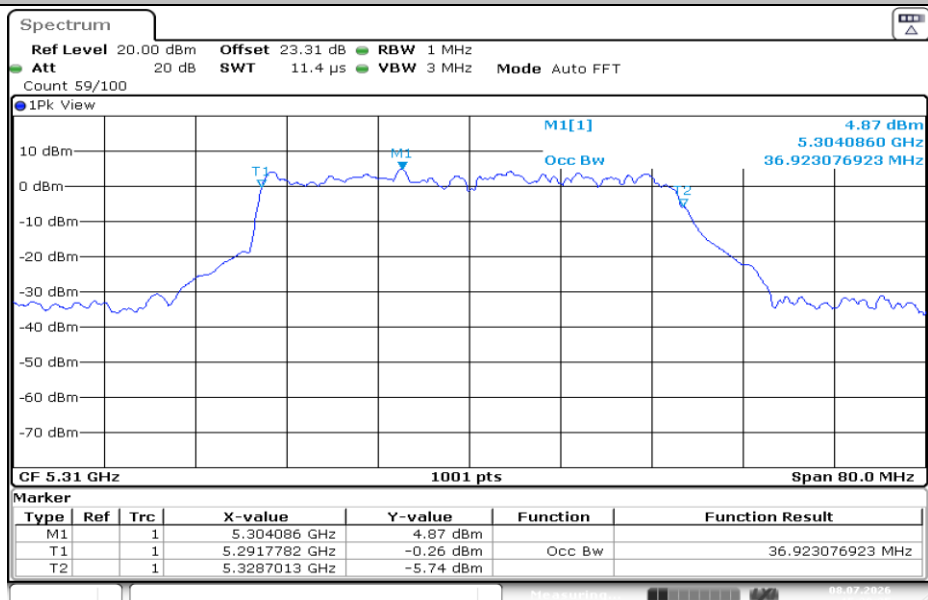
11N40SISO-Ant1-5190



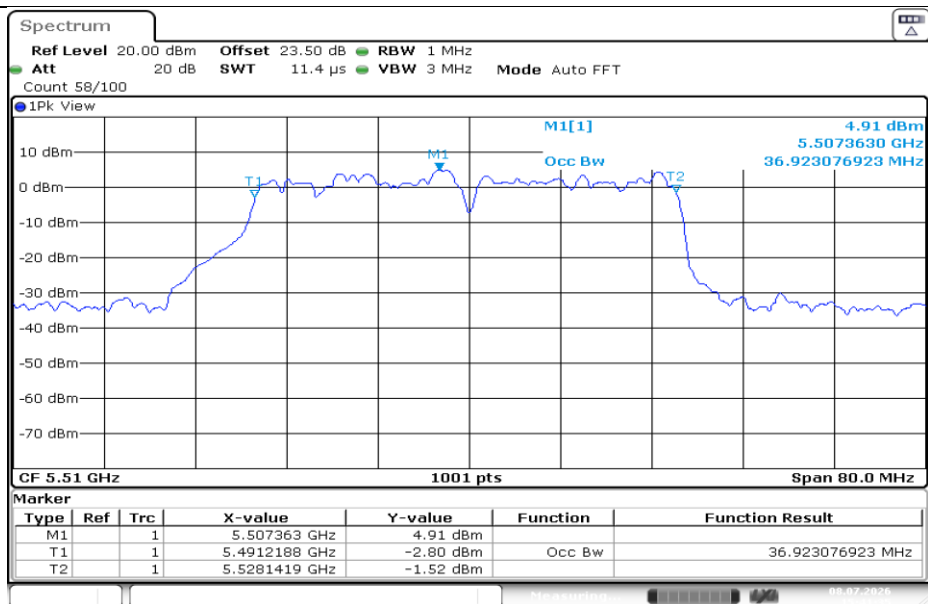
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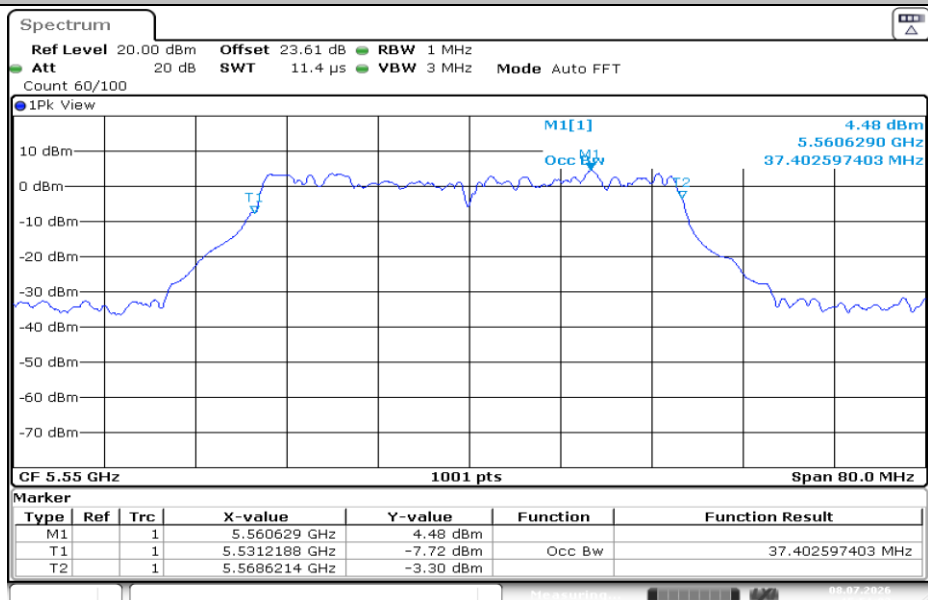
11N40SISO-Ant1-5270



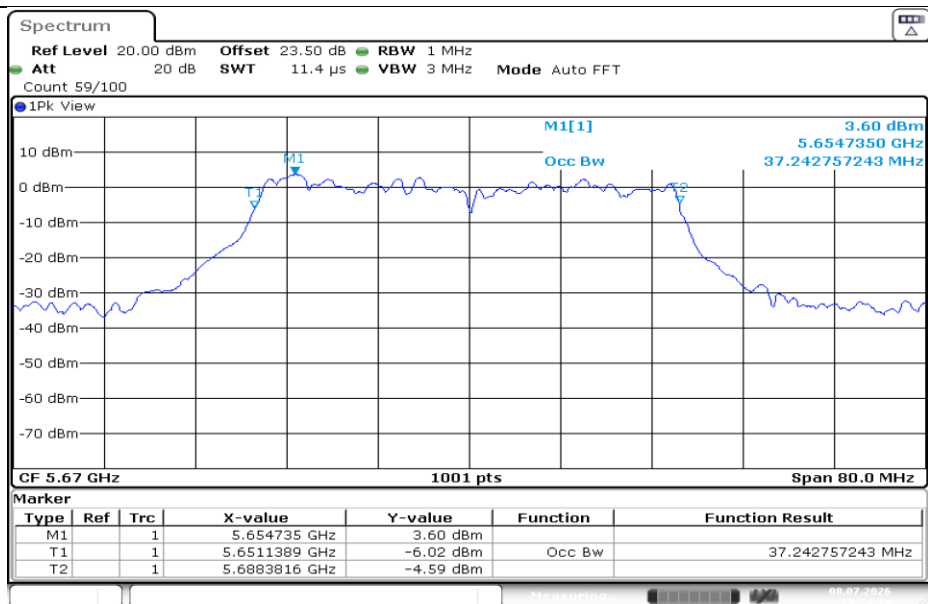
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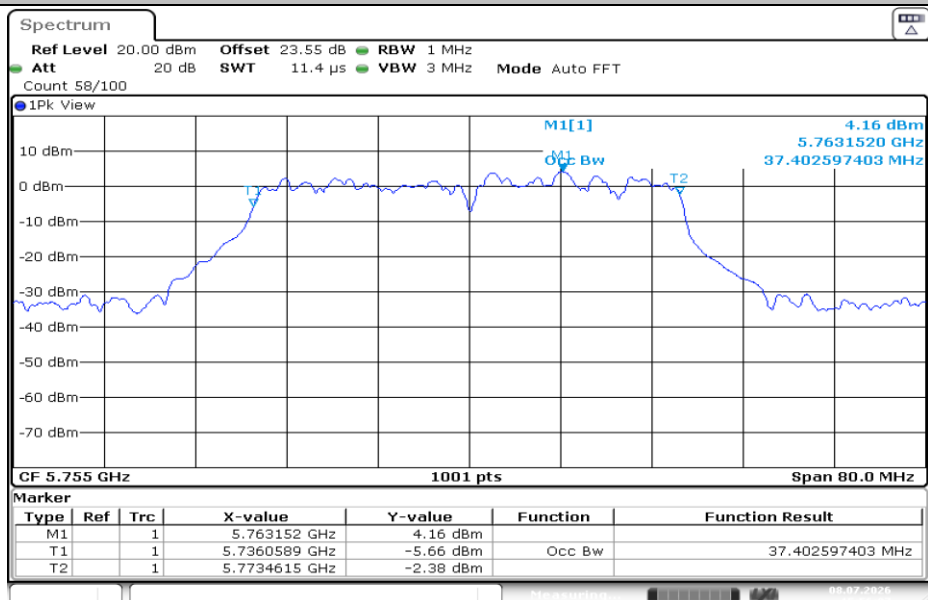
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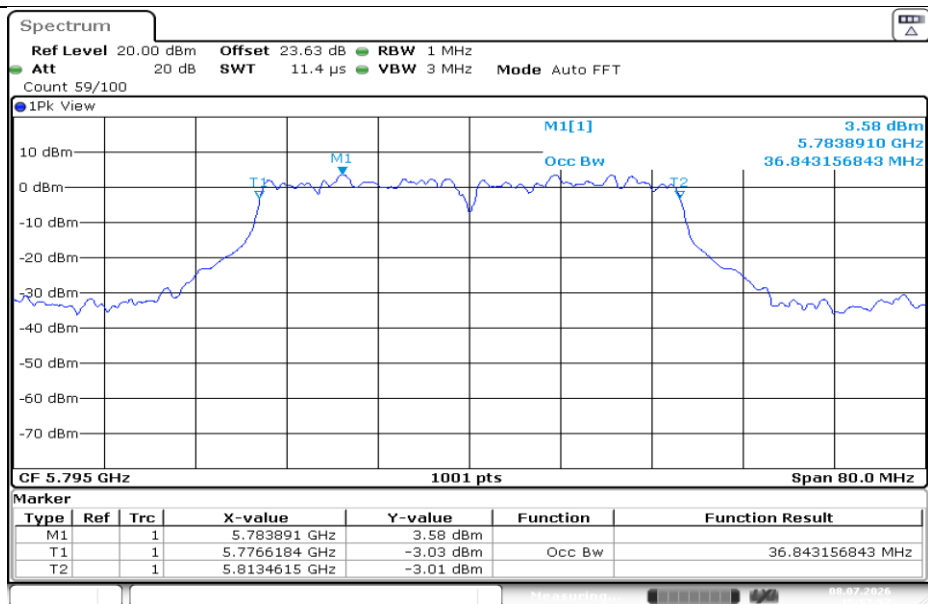
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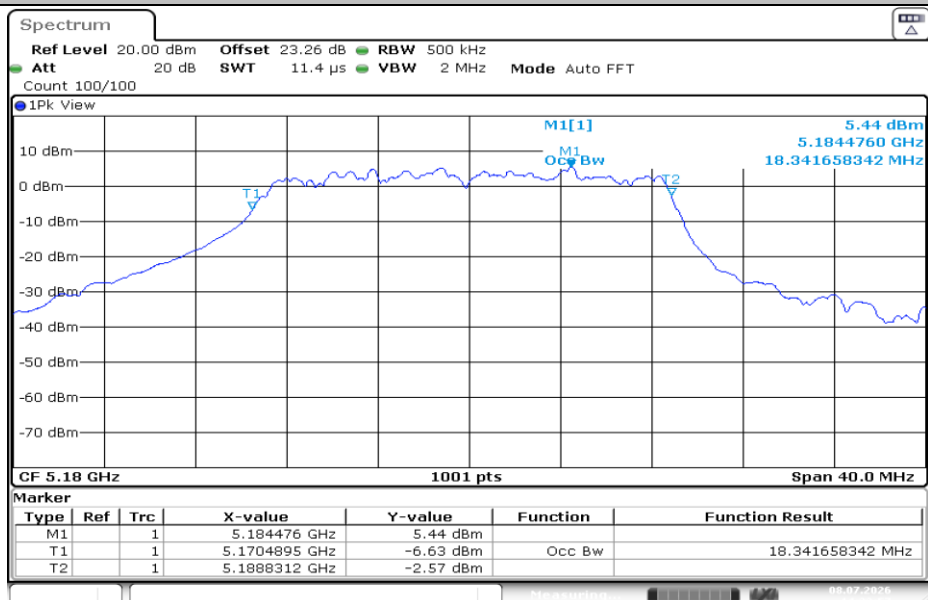
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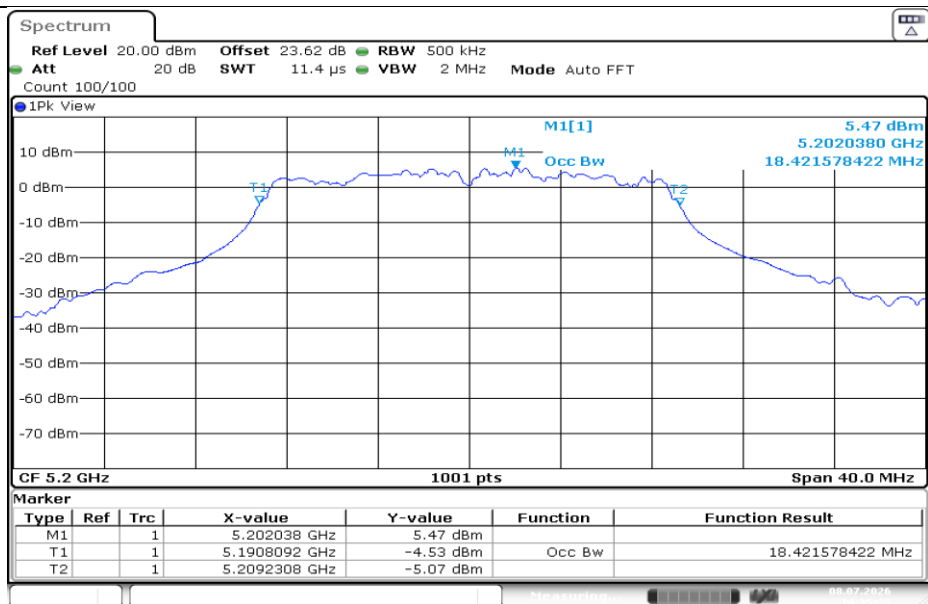
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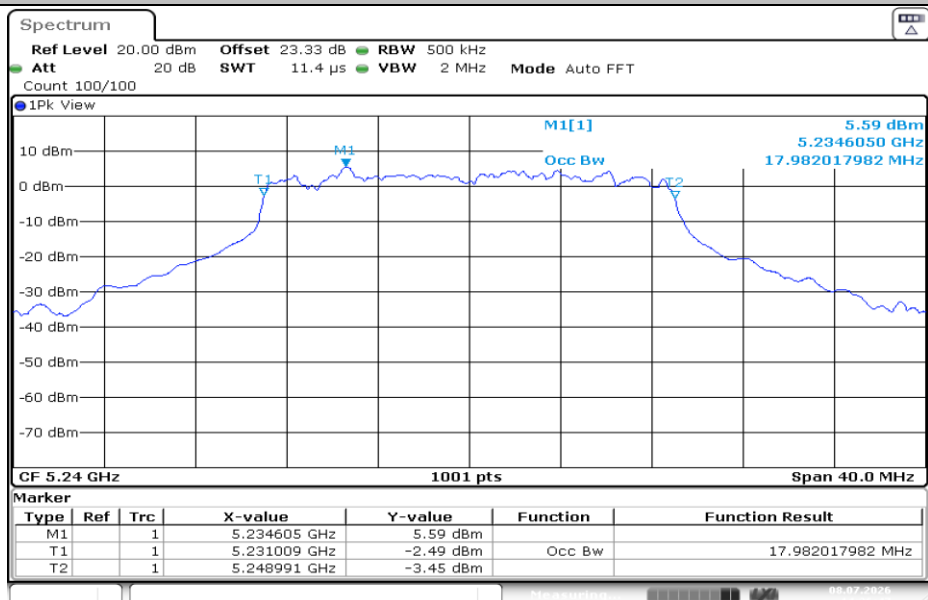
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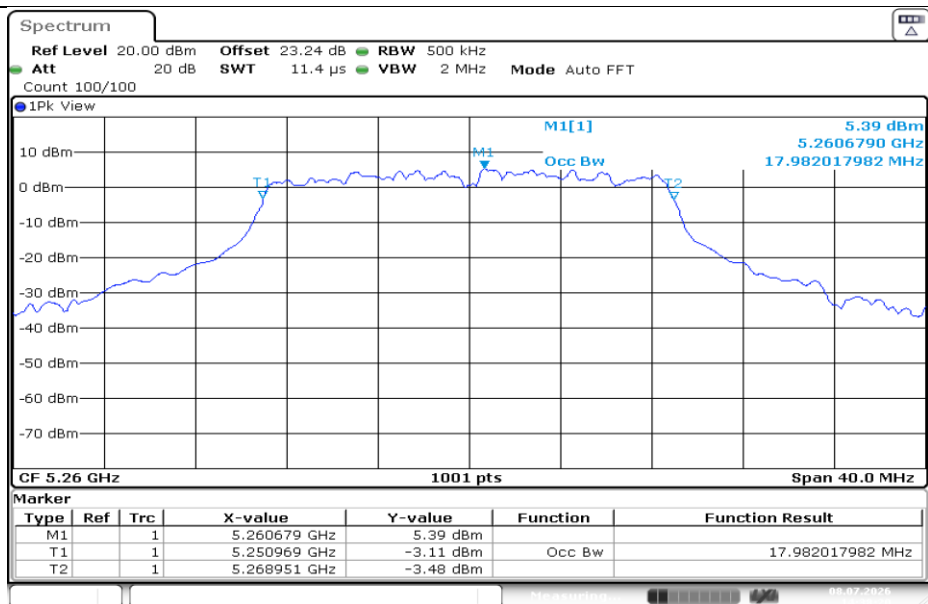
11AC20SISO-Ant1-5180



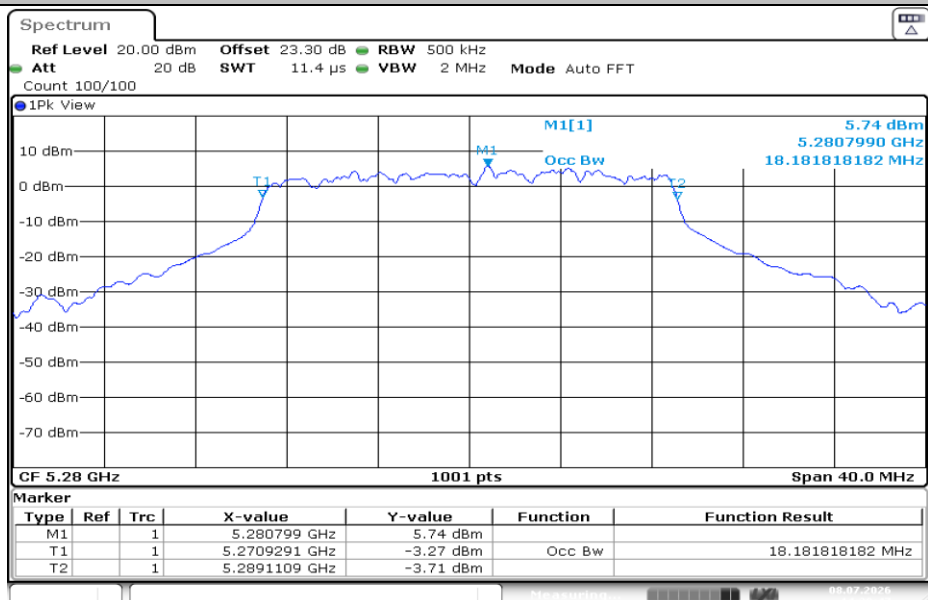
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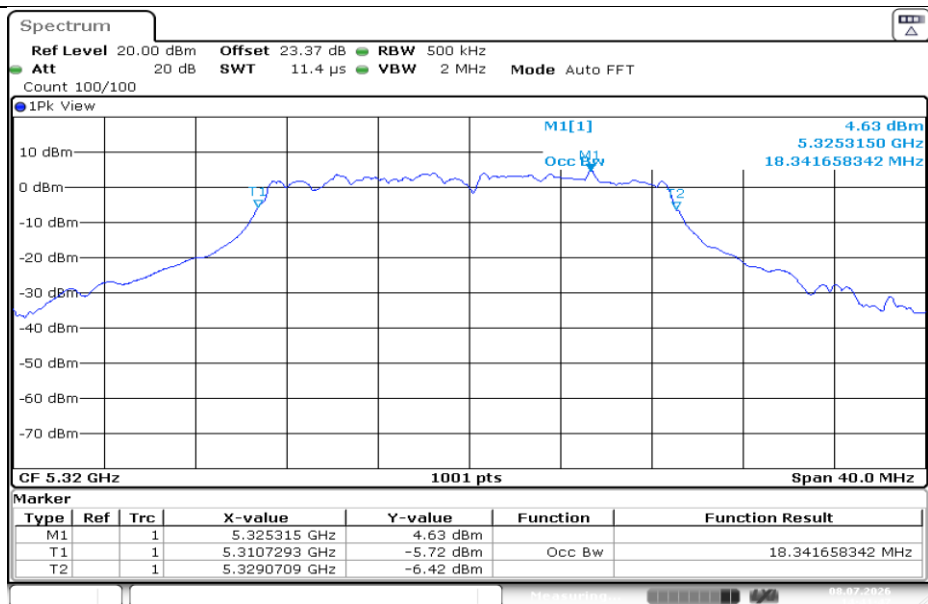
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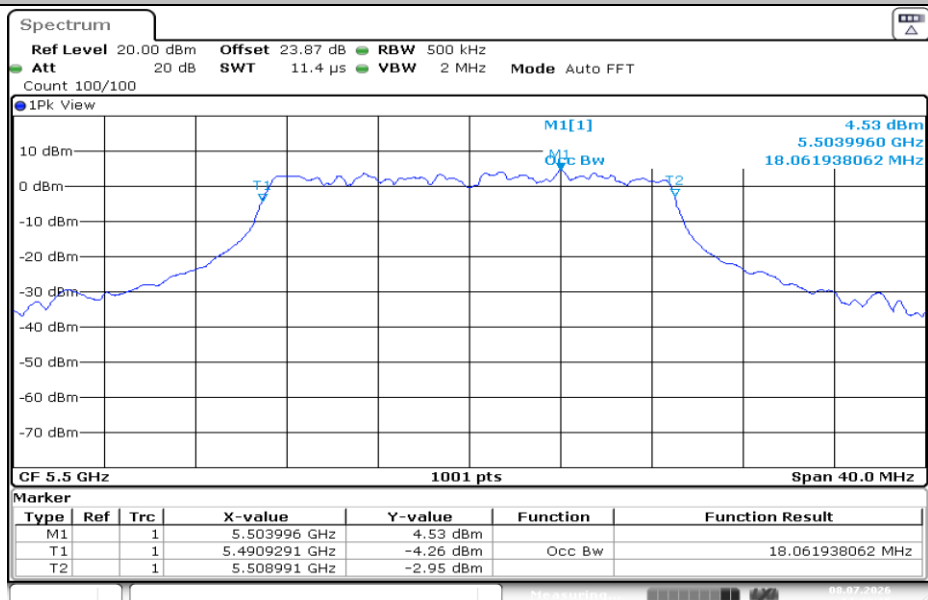
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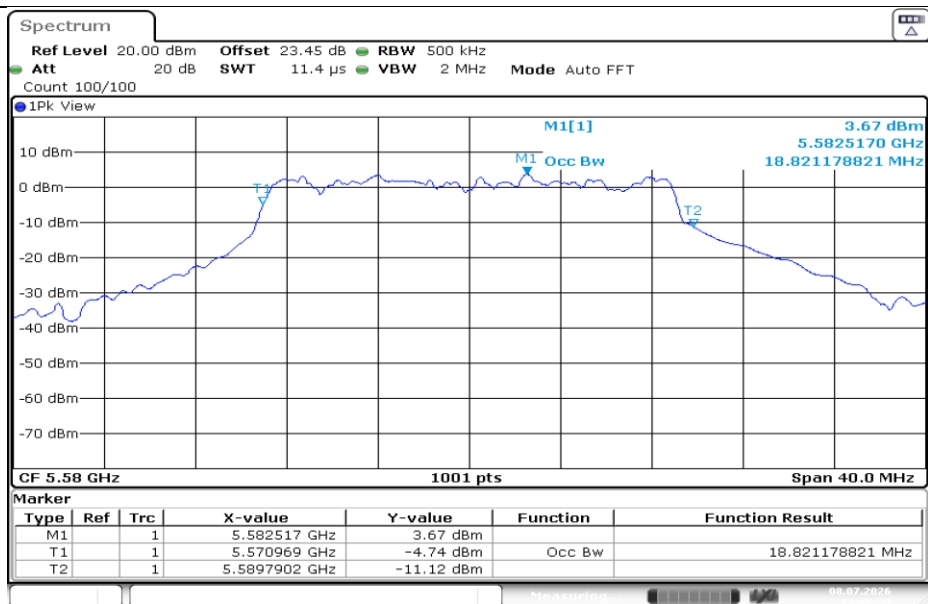
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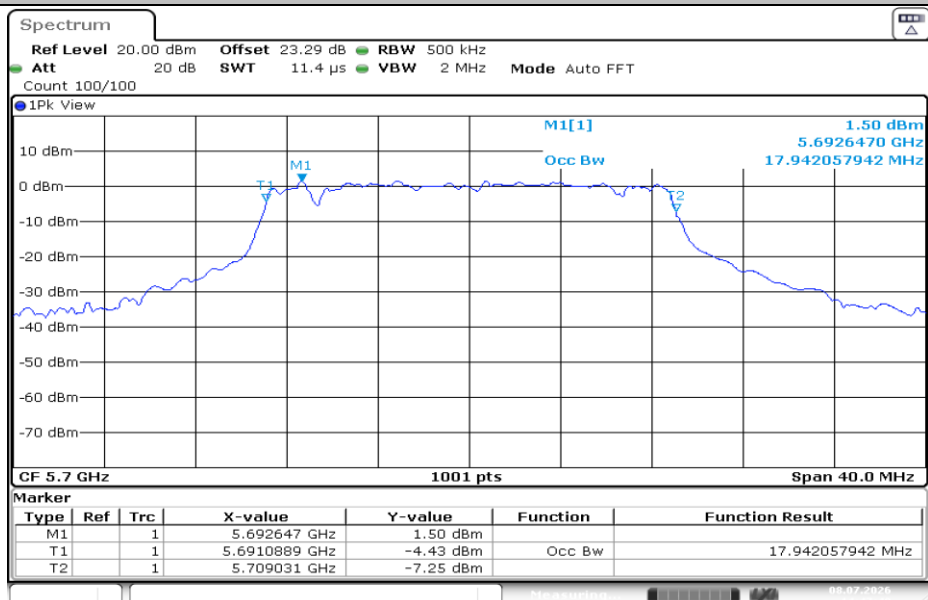
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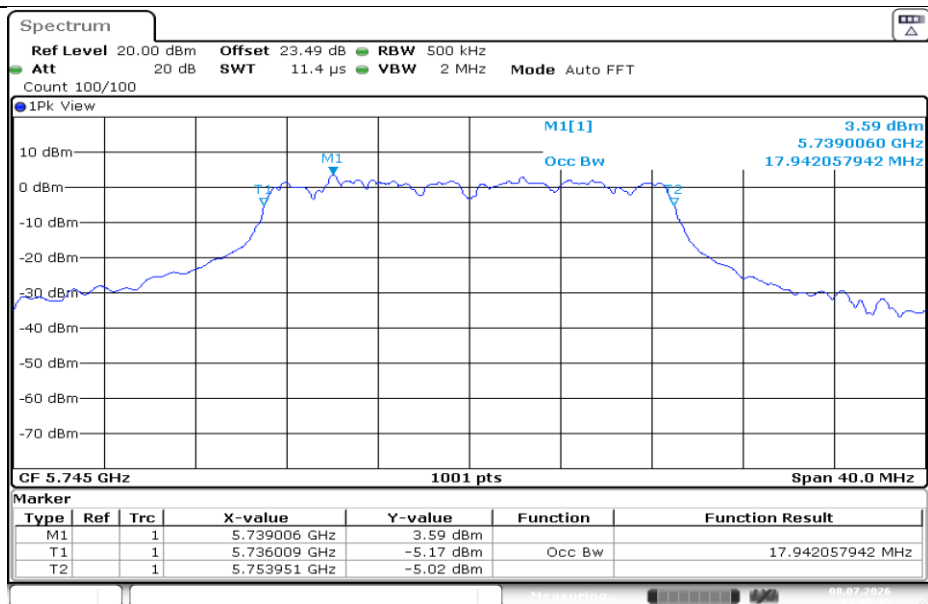
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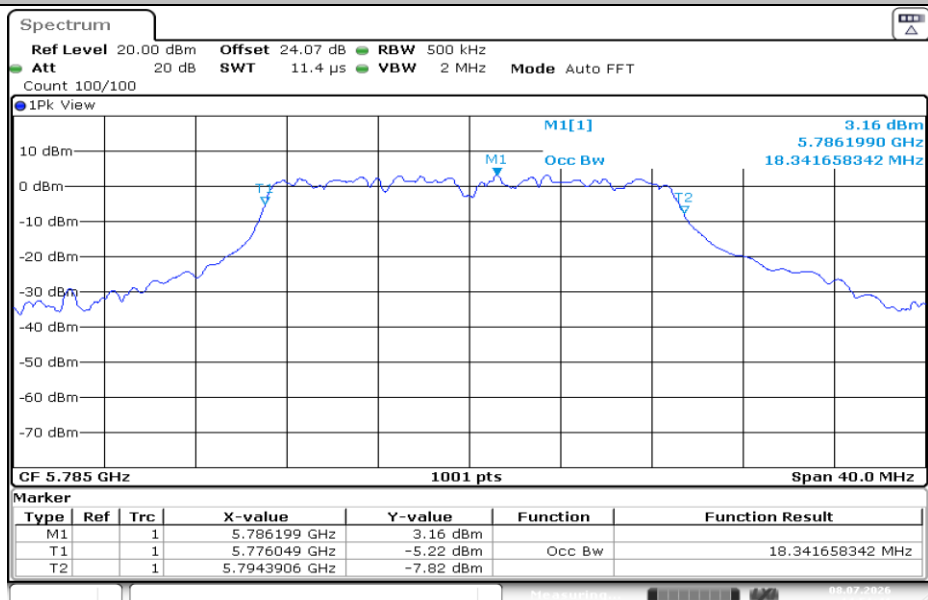
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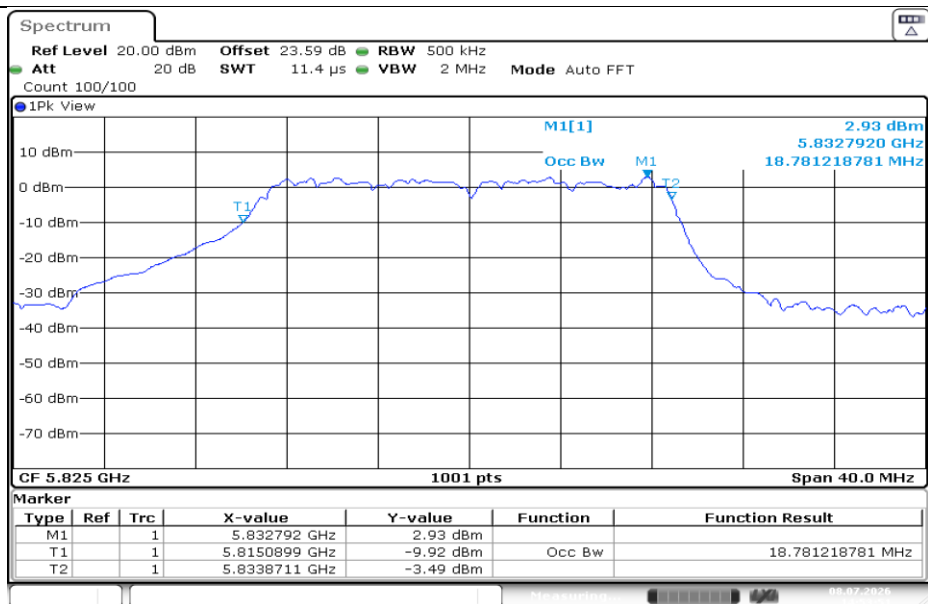
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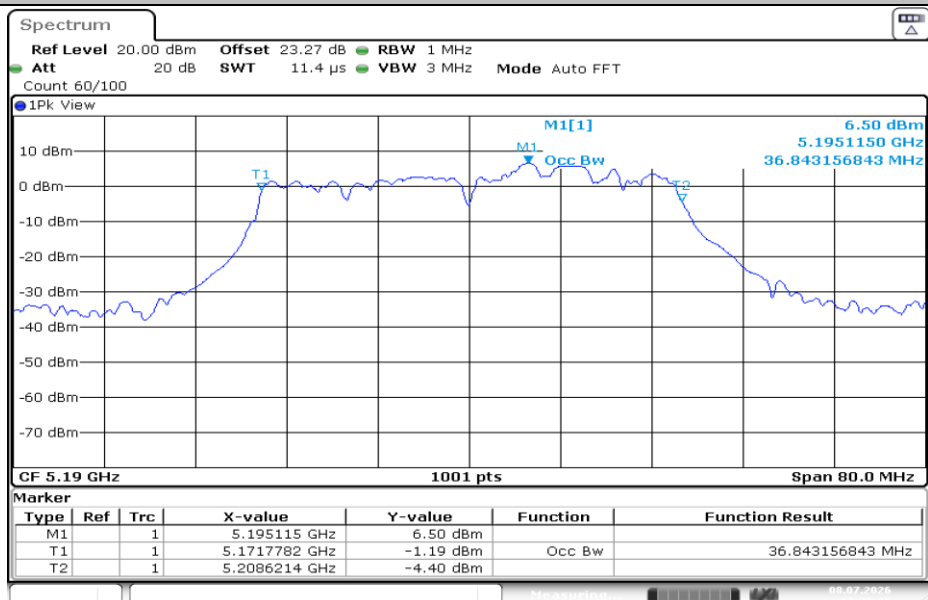
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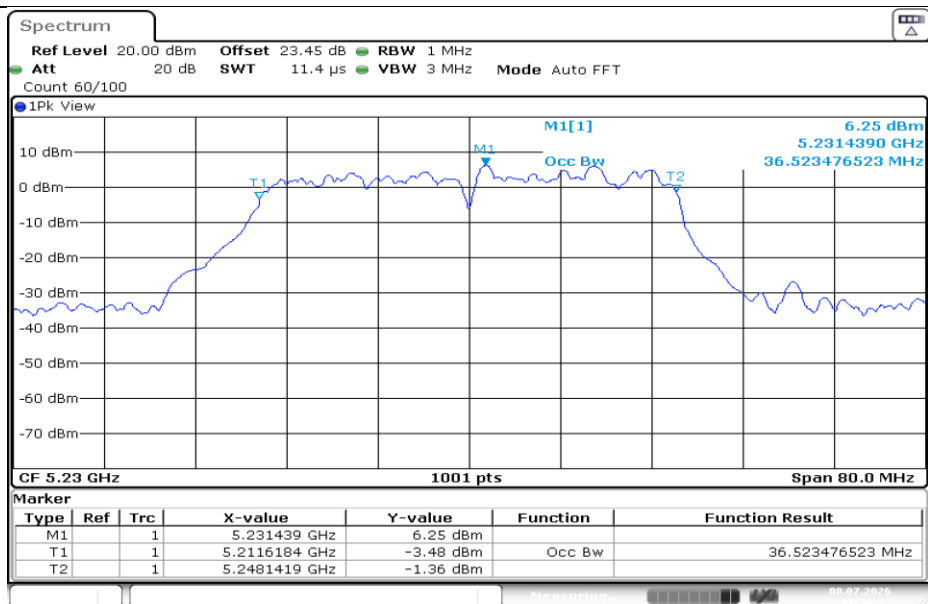
11AC20SISO-Ant1-5785



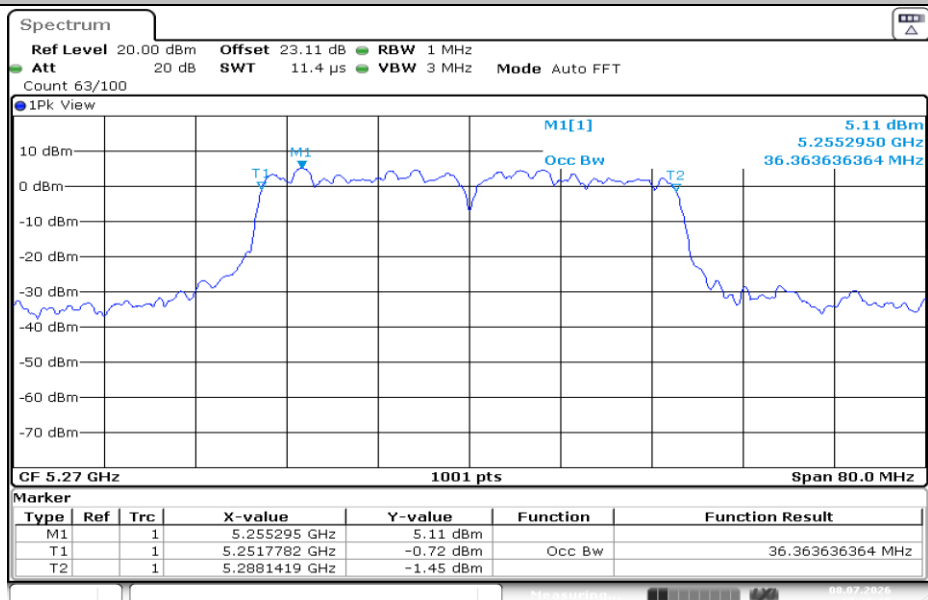
11AC20SISO-Ant1-5825



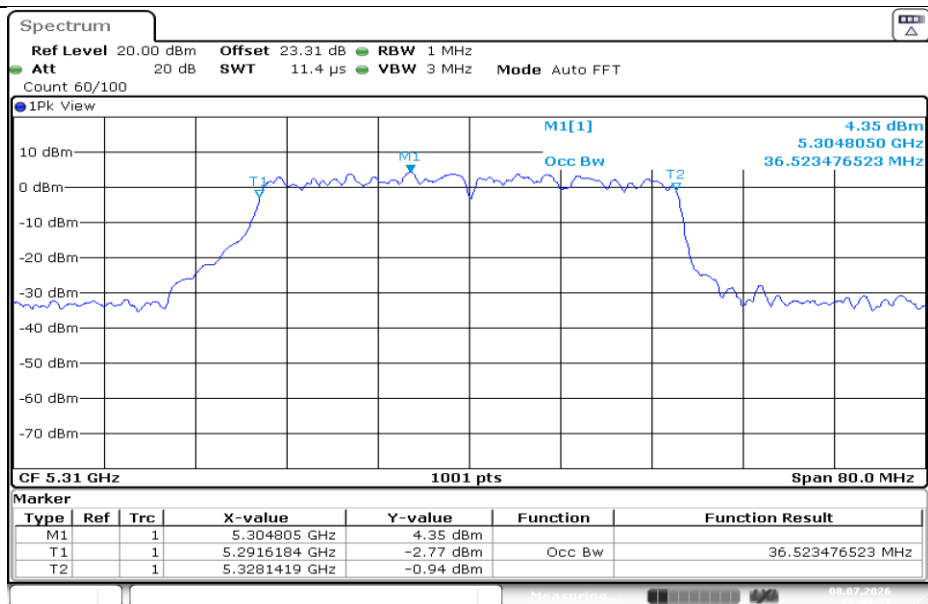
11AC40SISO-Ant1-5190



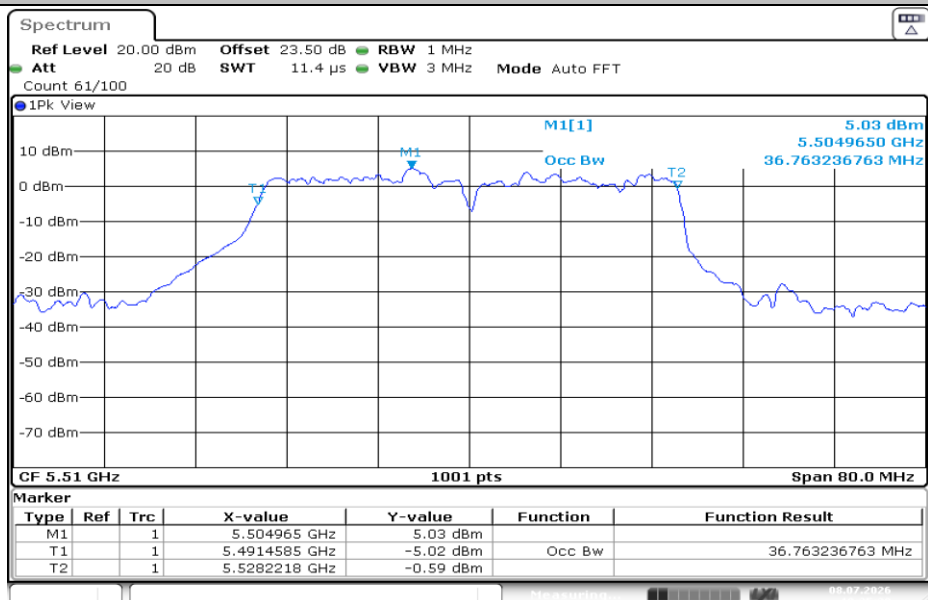
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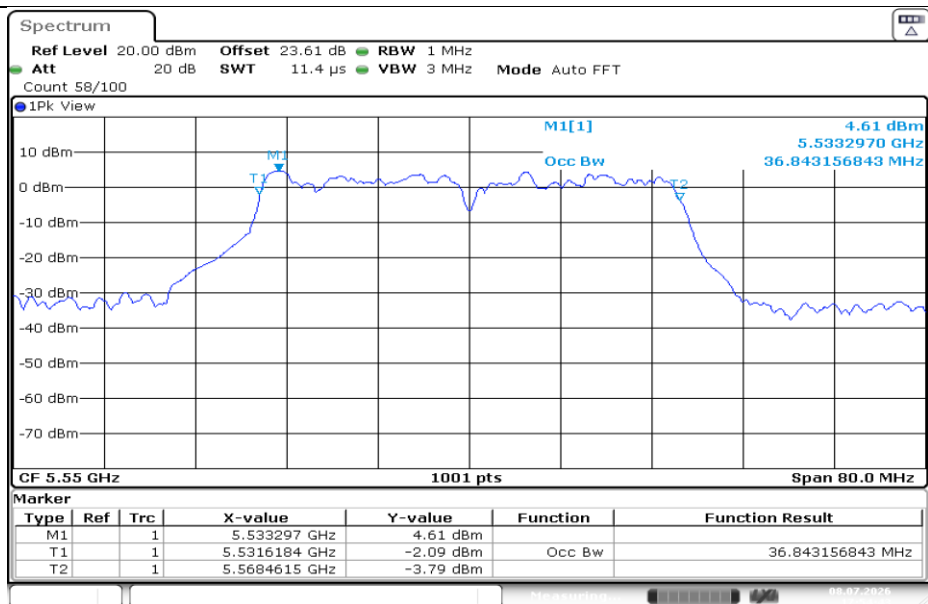
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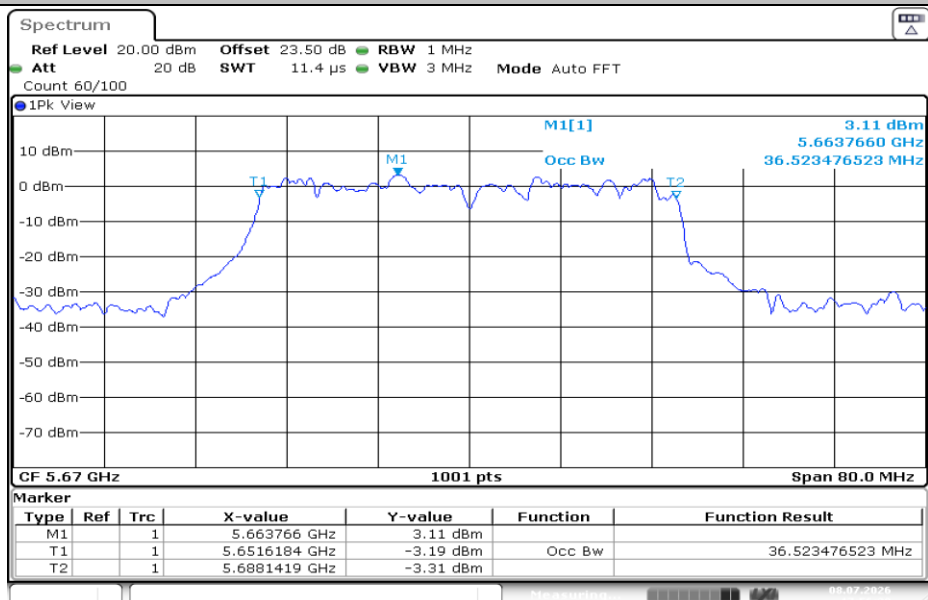
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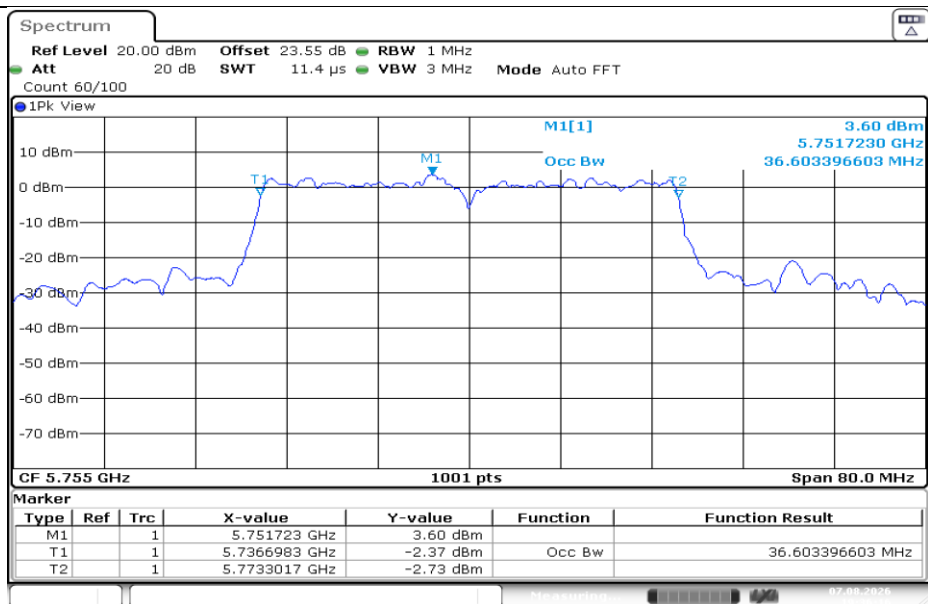
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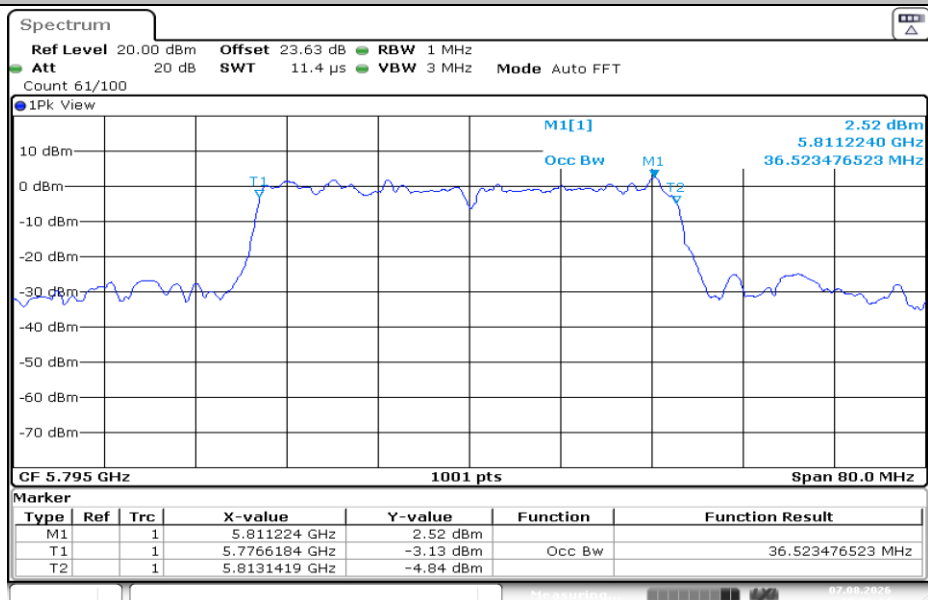
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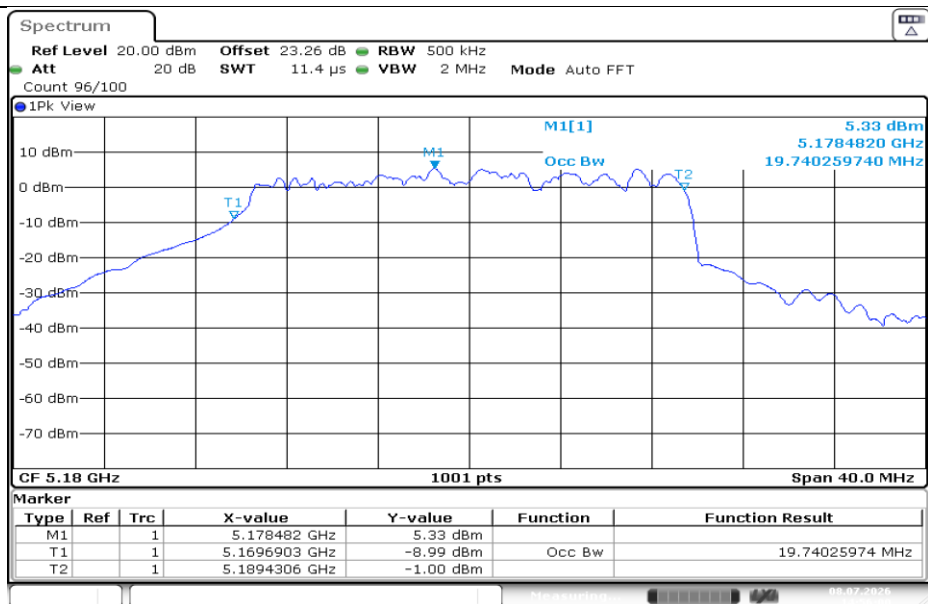
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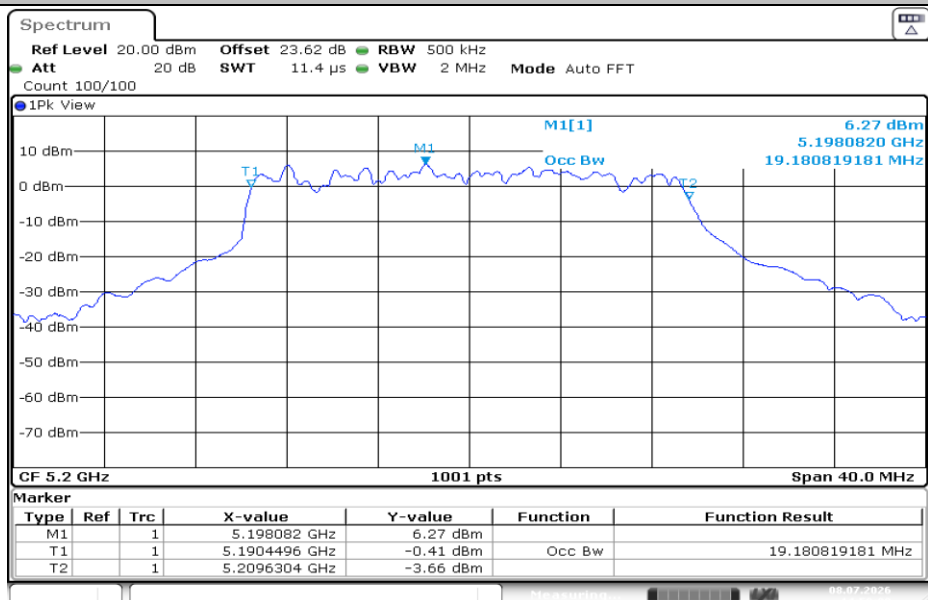
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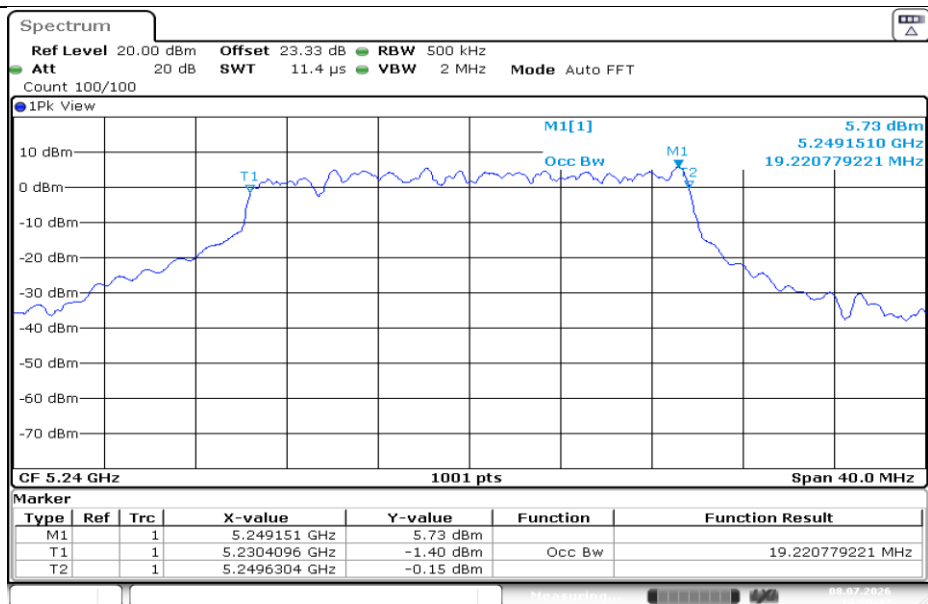
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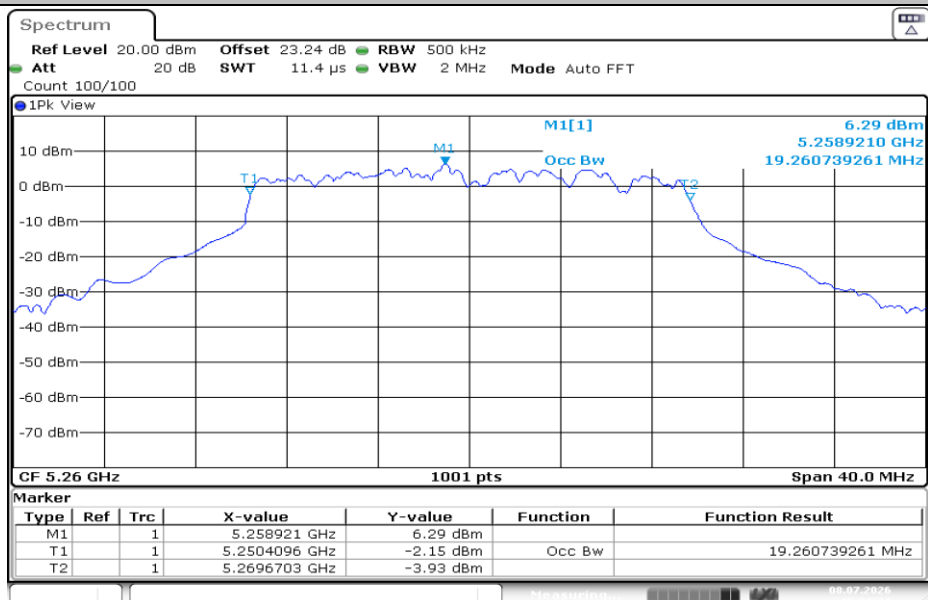
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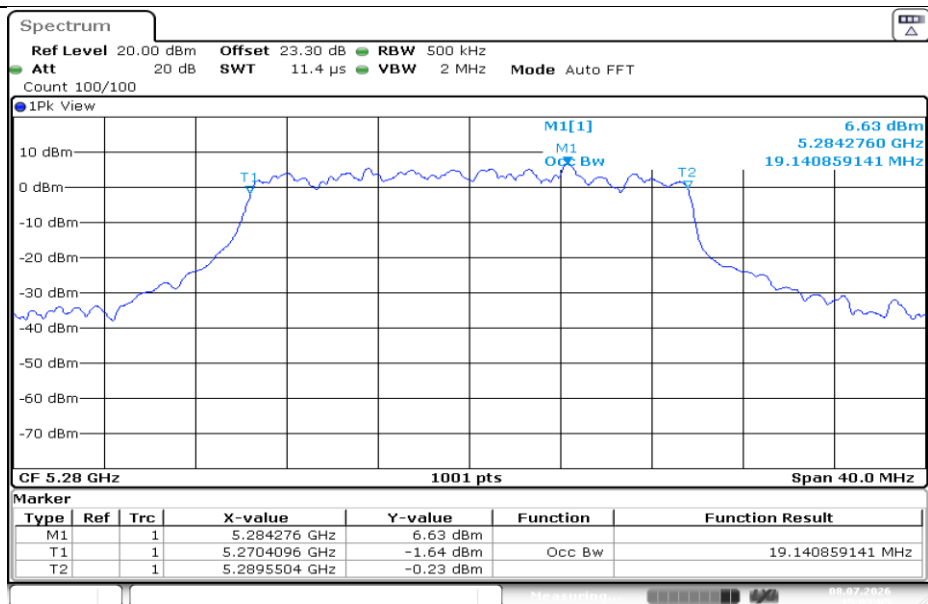
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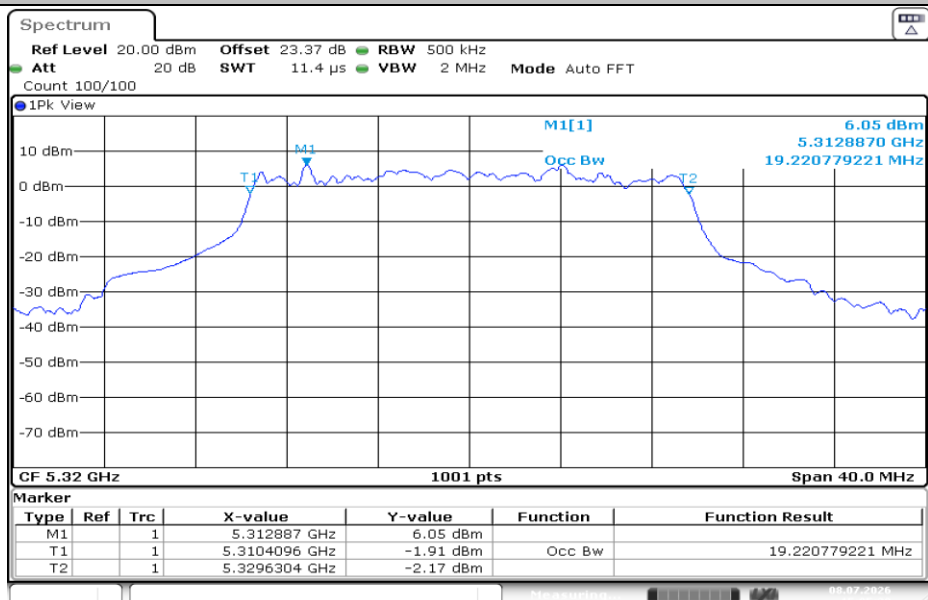
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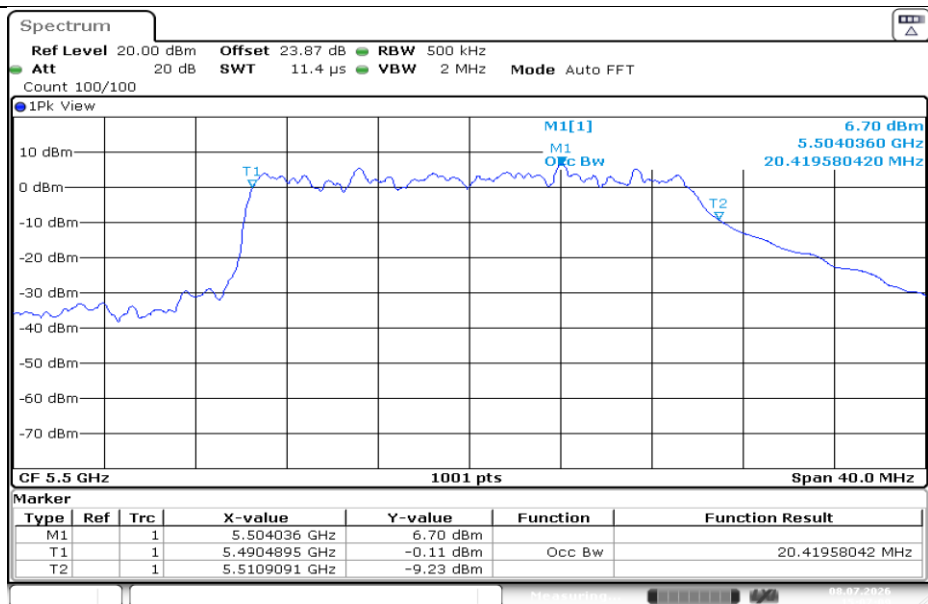
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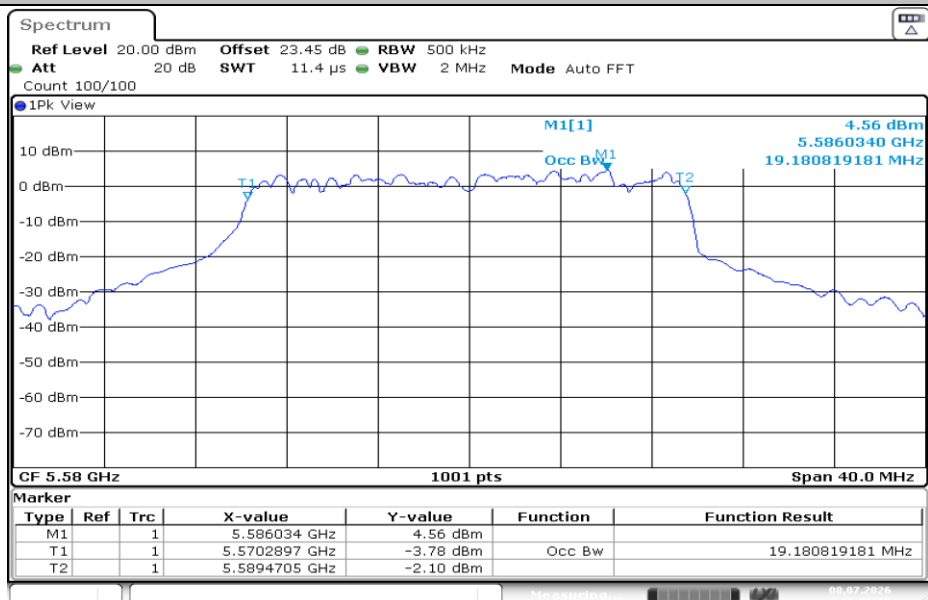
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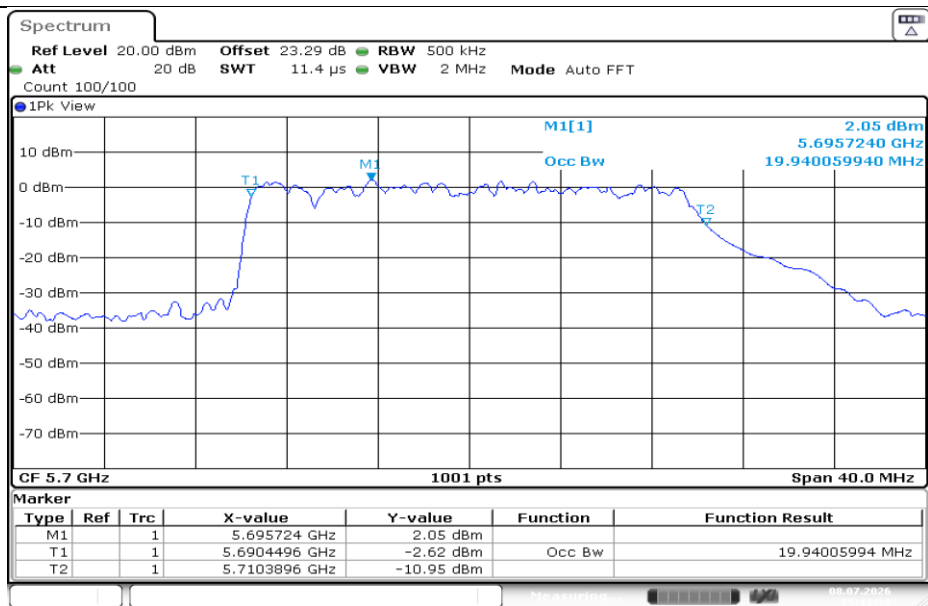
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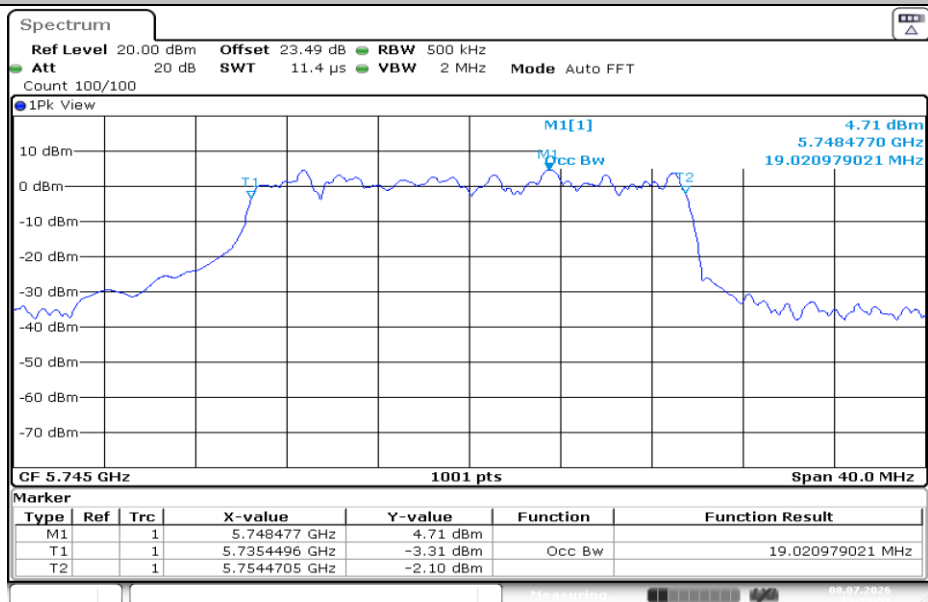
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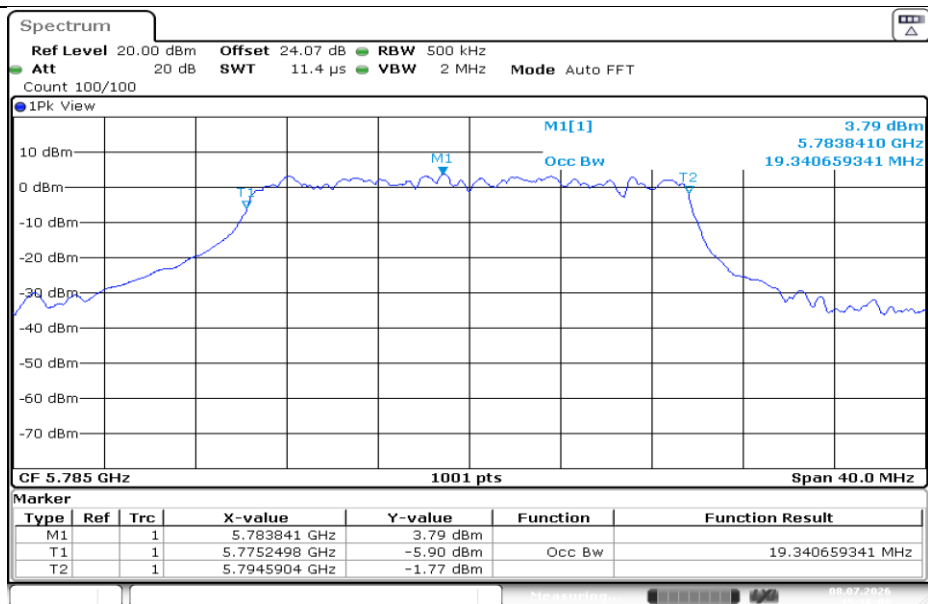
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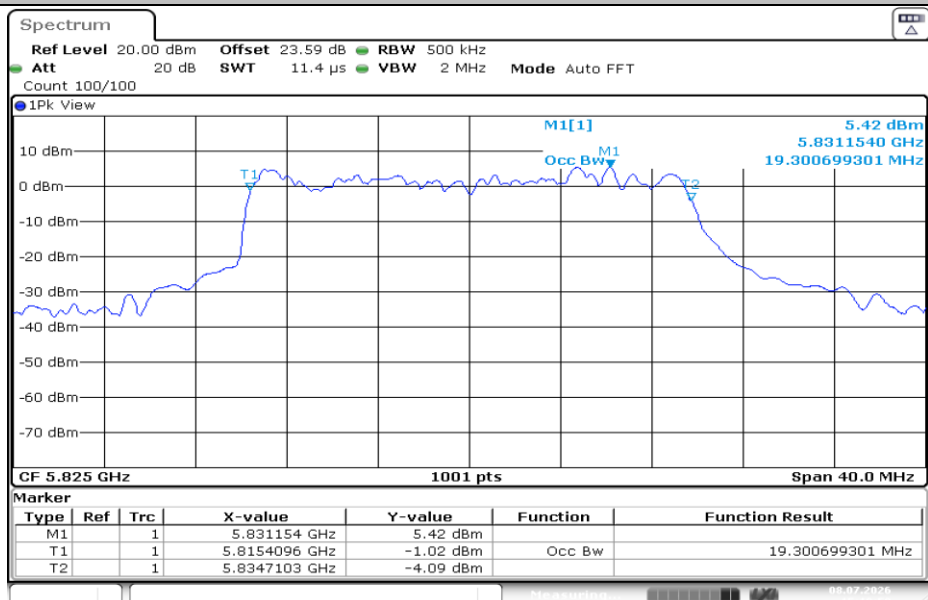
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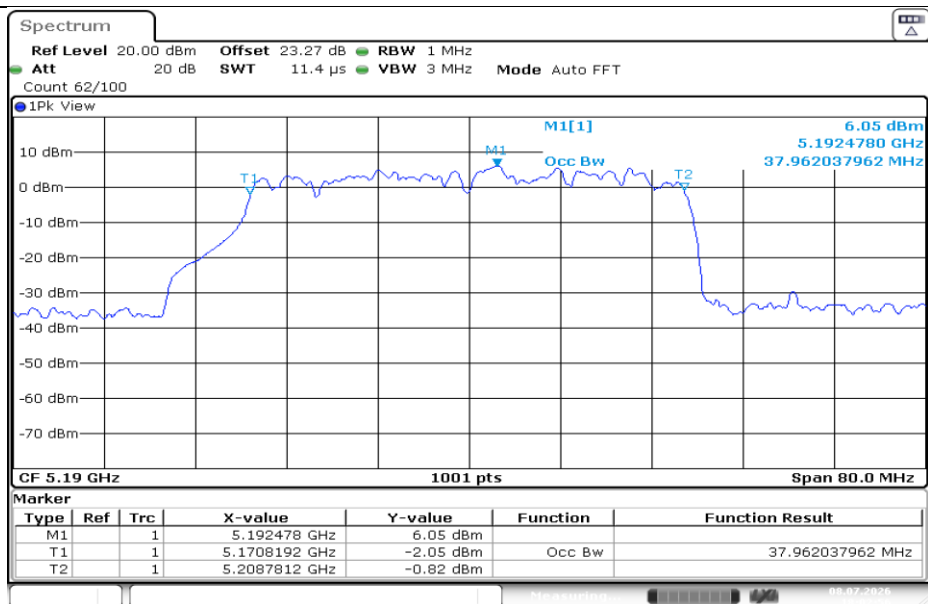
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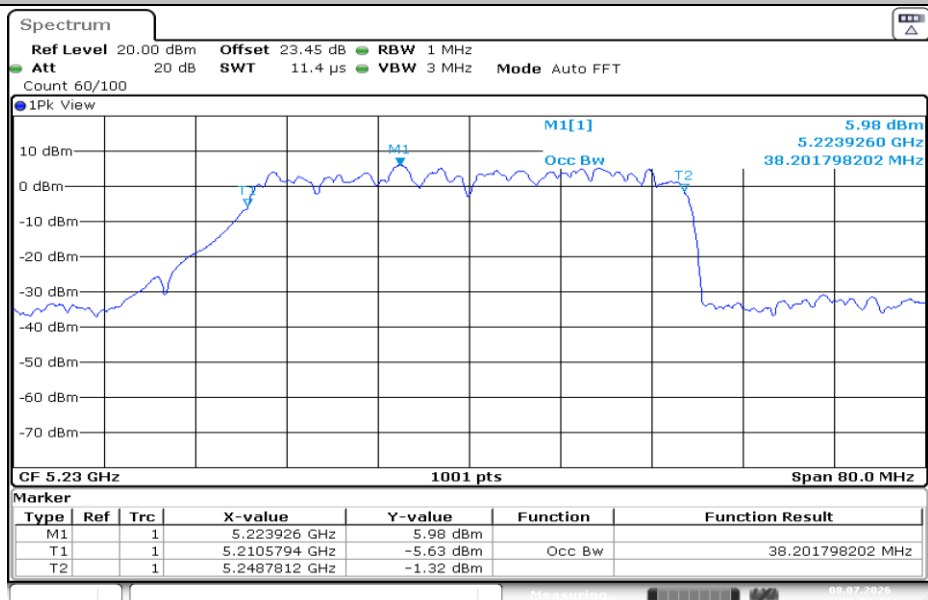
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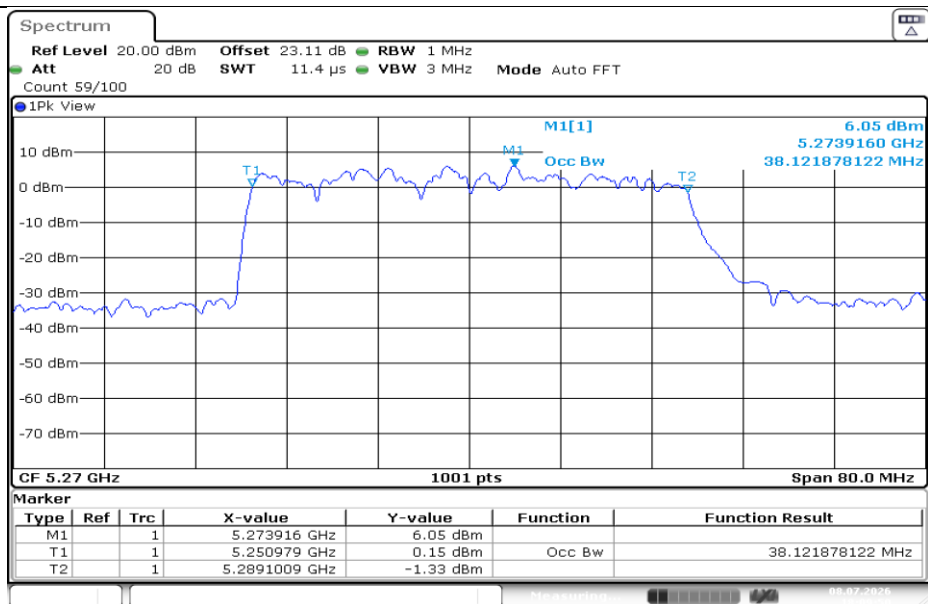
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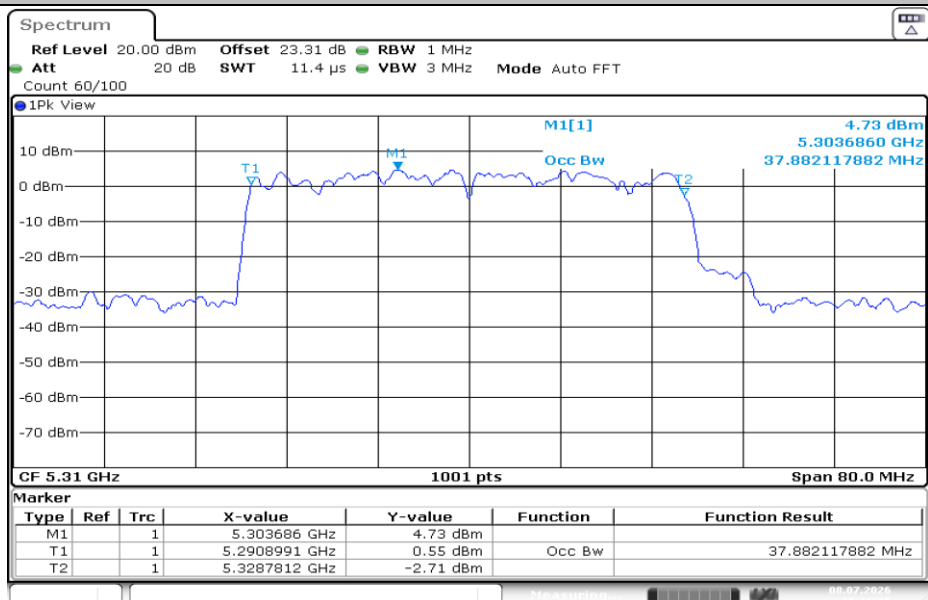
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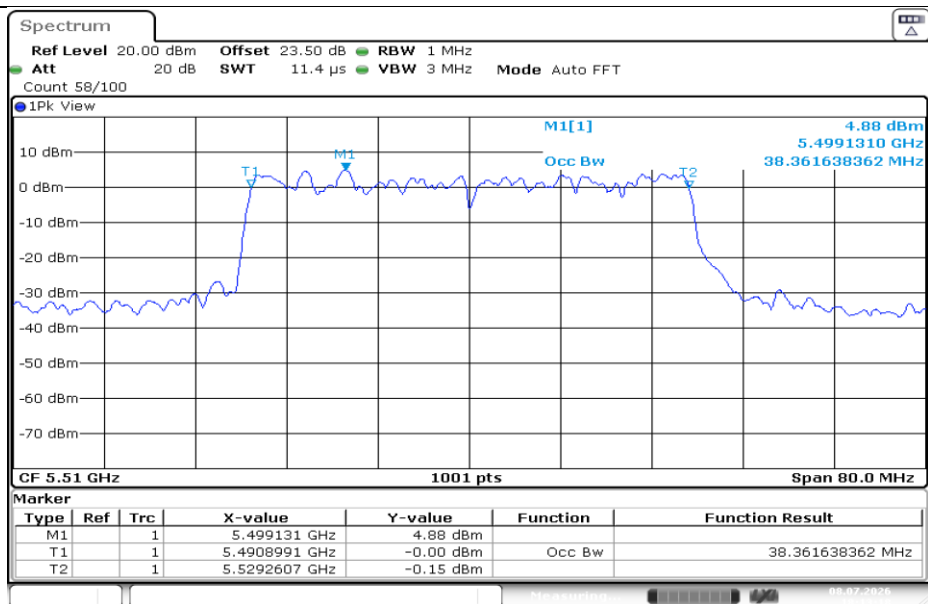
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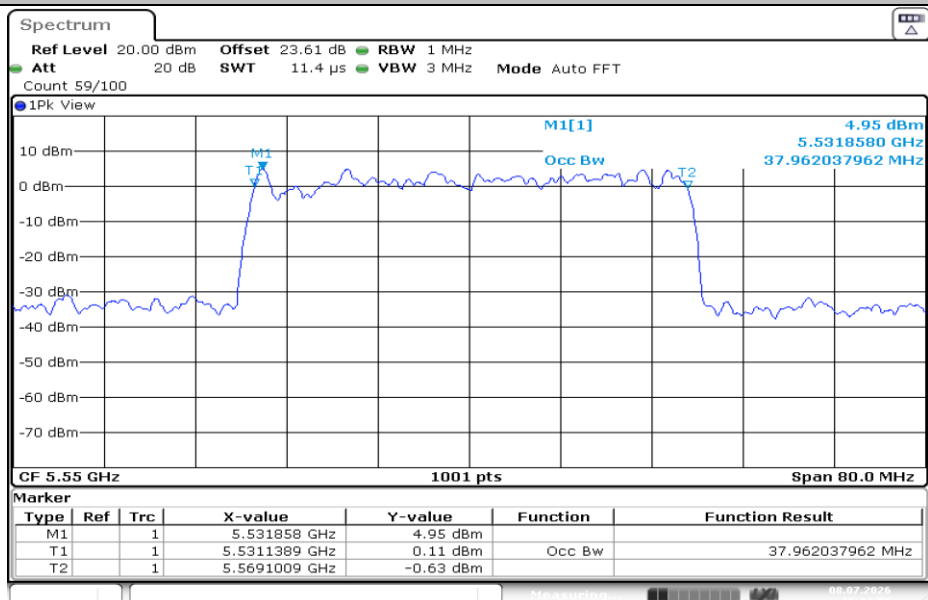
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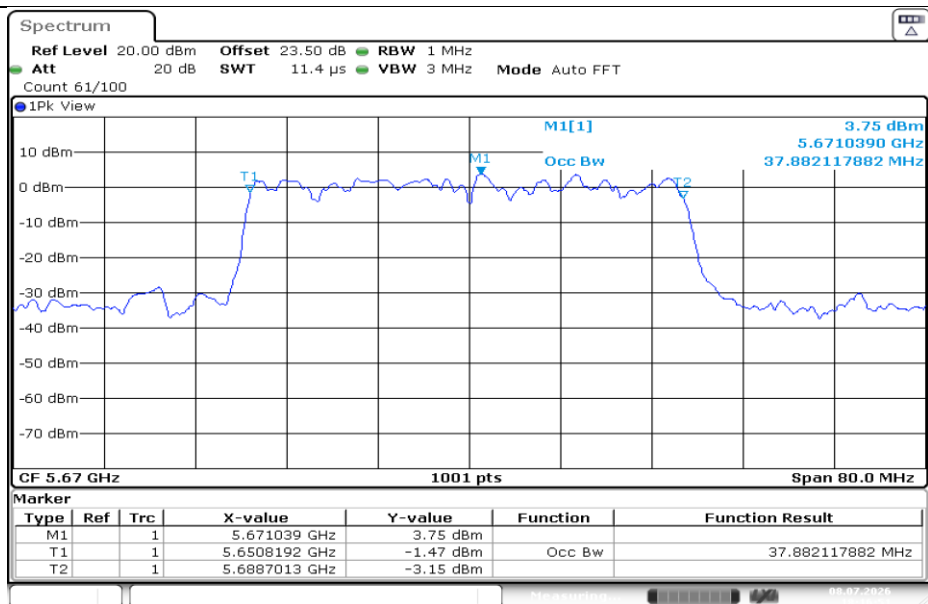
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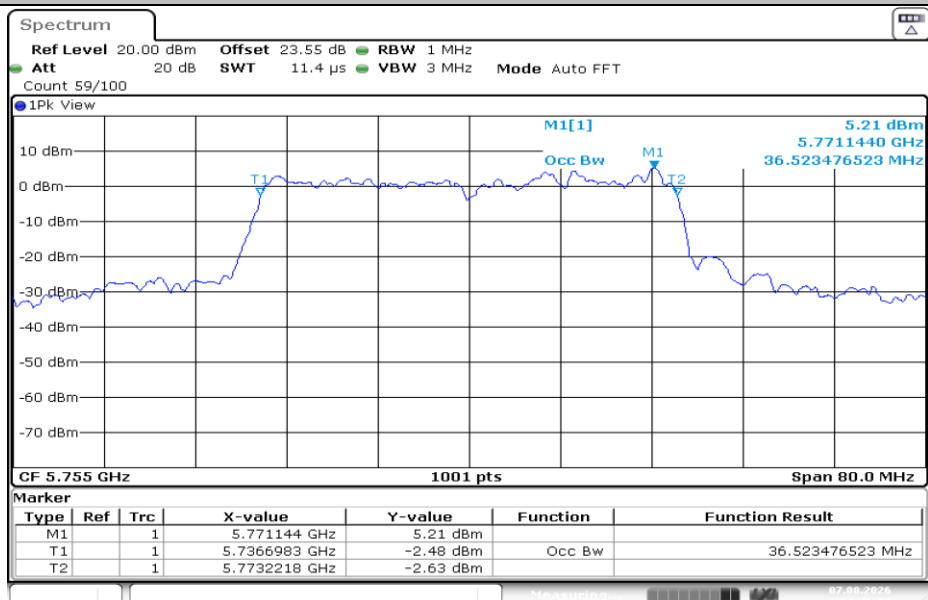
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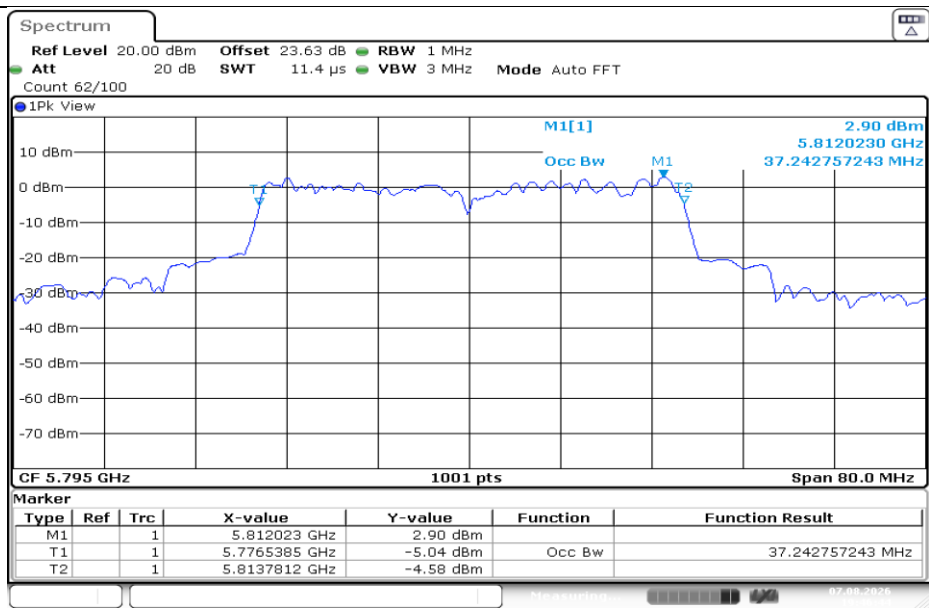
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11AX40SISO-Ant1-5670



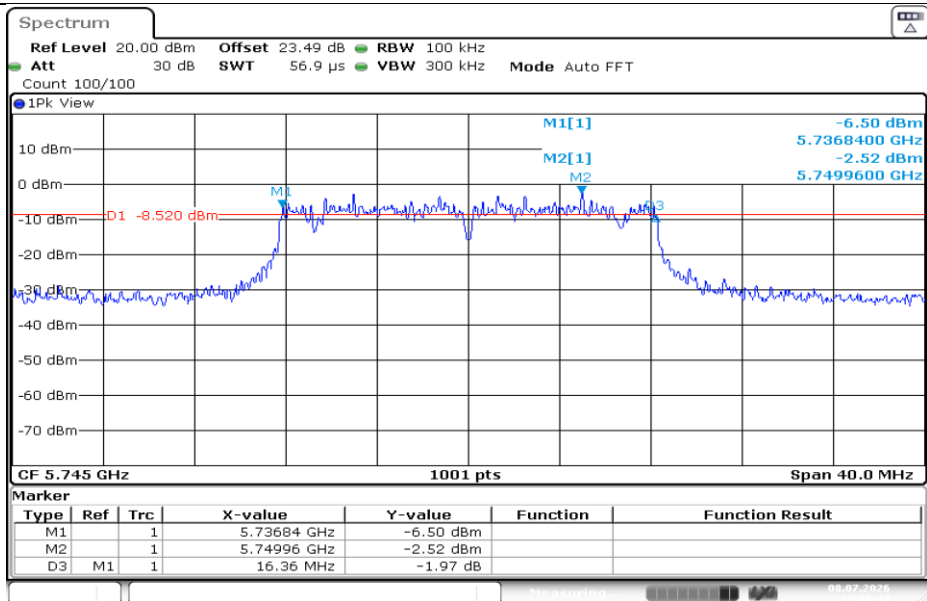
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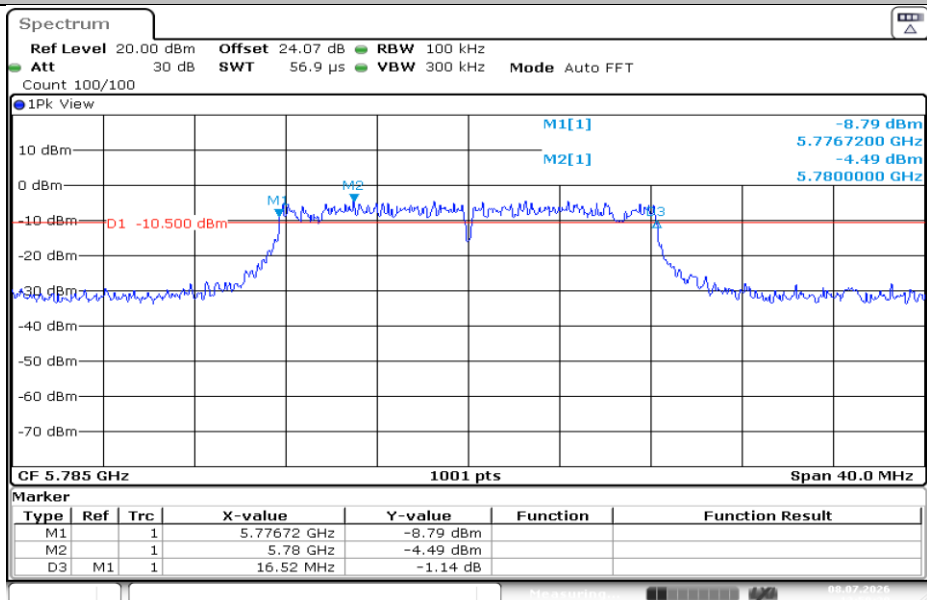
11AX40SISO-Ant1-5795

6 dB Bandwidth

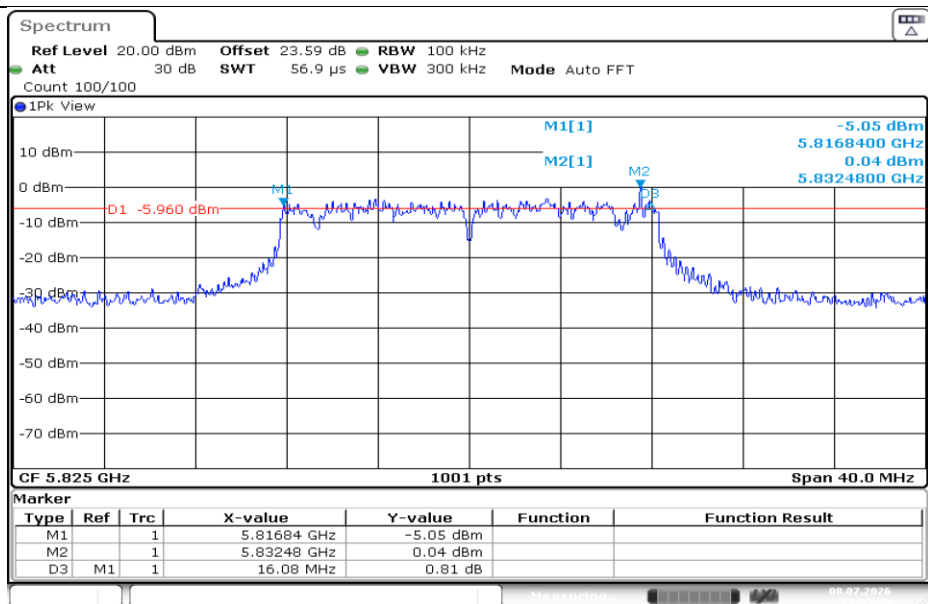
TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.36	5736.84	5753.20	0.5	PASS
11A	Ant1	5785	16.52	5776.72	5793.24	0.5	PASS
11A	Ant1	5825	16.08	5816.84	5832.92	0.5	PASS
11N20SISO	Ant1	5745	17.84	5736.08	5753.92	0.5	PASS
11N20SISO	Ant1	5785	17.80	5776.08	5793.88	0.5	PASS
11N20SISO	Ant1	5825	17.80	5816.08	5833.88	0.5	PASS
11N40SISO	Ant1	5755	36.48	5736.76	5773.24	0.5	PASS
11N40SISO	Ant1	5795	36.56	5776.68	5813.24	0.5	PASS
11AC20SISO	Ant1	5745	17.80	5736.08	5753.88	0.5	PASS
11AC20SISO	Ant1	5785	17.80	5776.08	5793.88	0.5	PASS
11AC20SISO	Ant1	5825	17.72	5816.16	5833.88	0.5	PASS
11AC40SISO	Ant1	5755	36.32	5736.76	5773.08	0.5	PASS
11AC40SISO	Ant1	5795	35.84	5776.92	5812.76	0.5	PASS
11AX20SISO	Ant1	5745	19.20	5735.40	5754.60	0.5	PASS
11AX20SISO	Ant1	5785	19.12	5775.40	5794.52	0.5	PASS
11AX20SISO	Ant1	5825	19.04	5815.48	5834.52	0.5	PASS
11AX40SISO	Ant1	5755	36.40	5736.76	5773.16	0.5	PASS
11AX40SISO	Ant1	5795	36.48	5776.76	5813.24	0.5	PASS



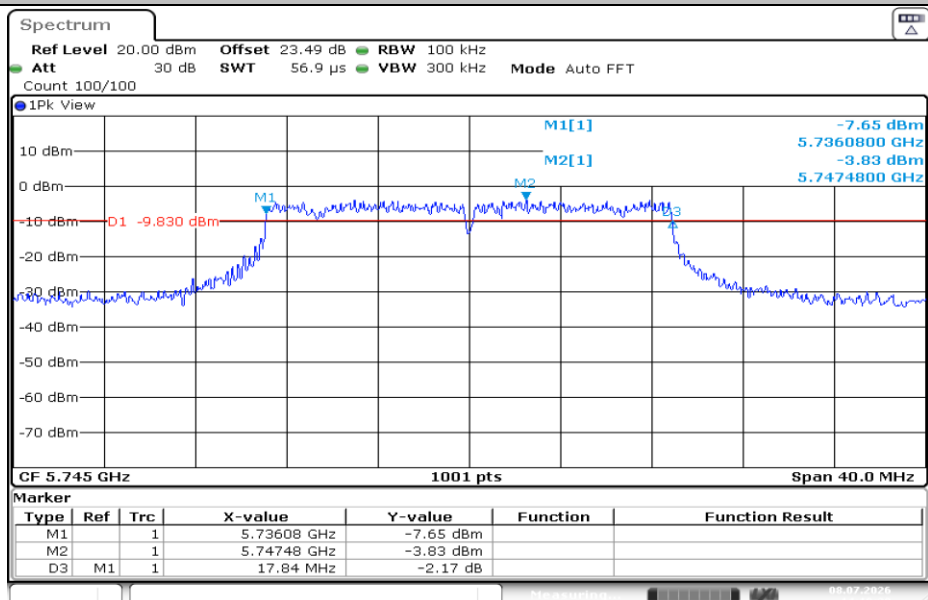
11A-Ant1-5745-PASS



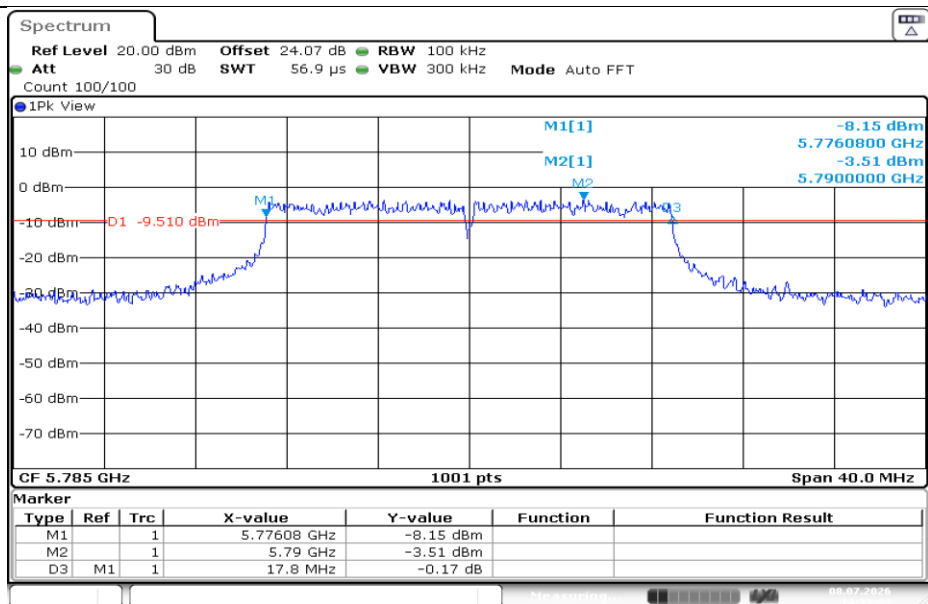
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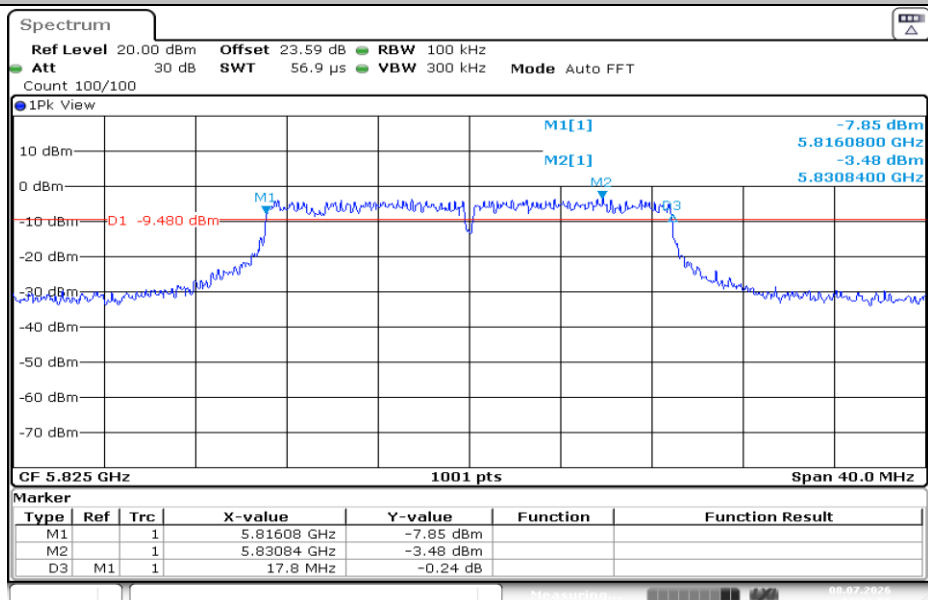
11A-Ant1-5825-PASS



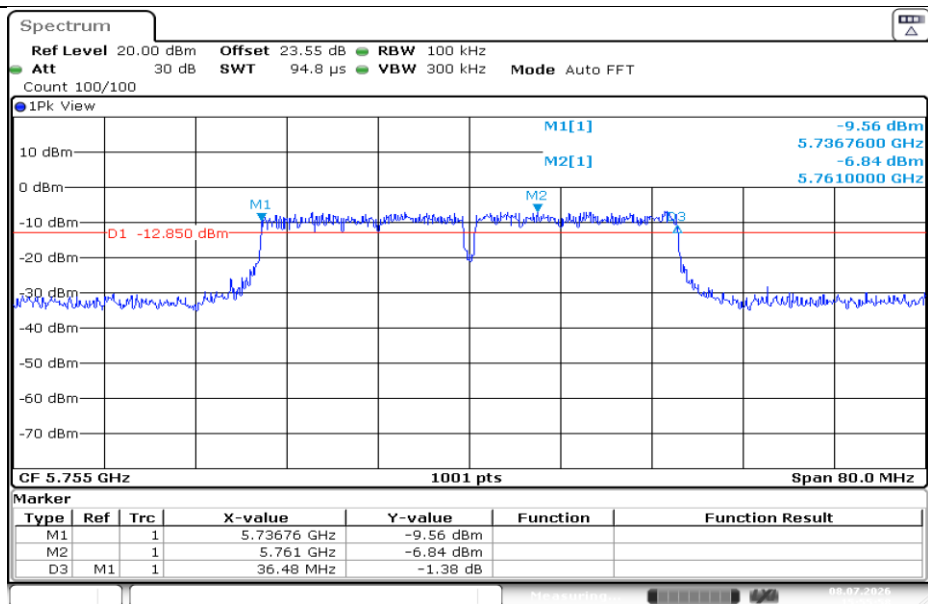
11N20SISO-Ant1-5745-PASS



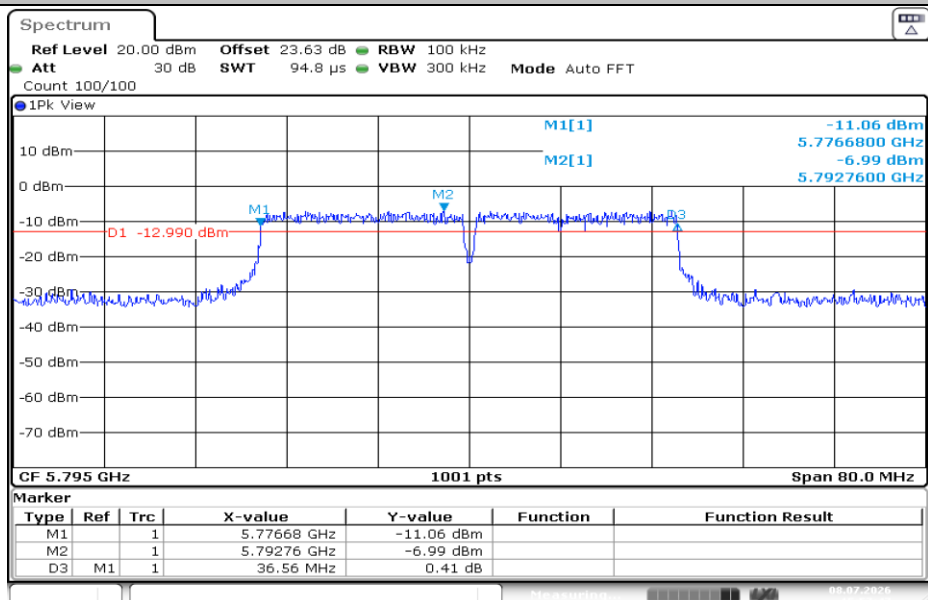
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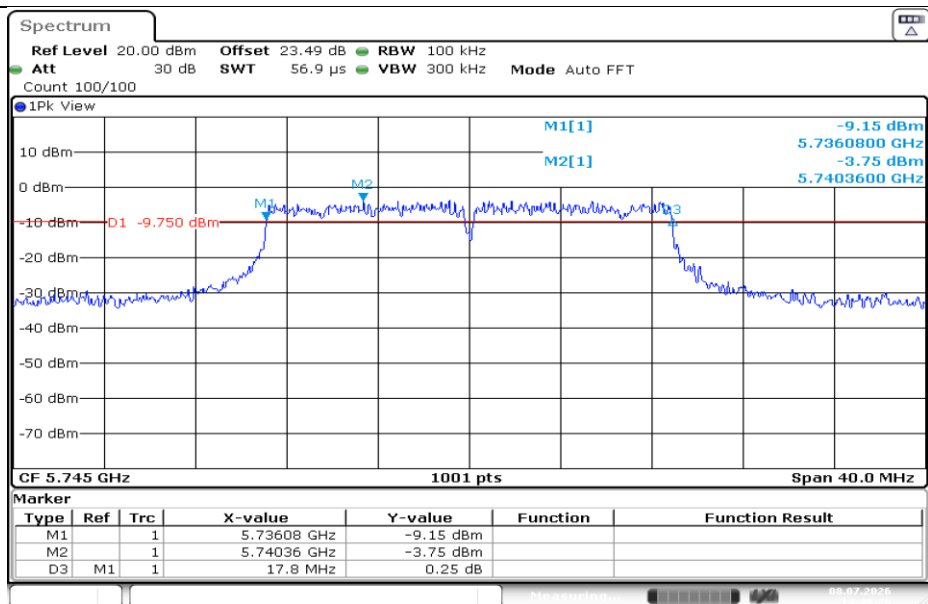
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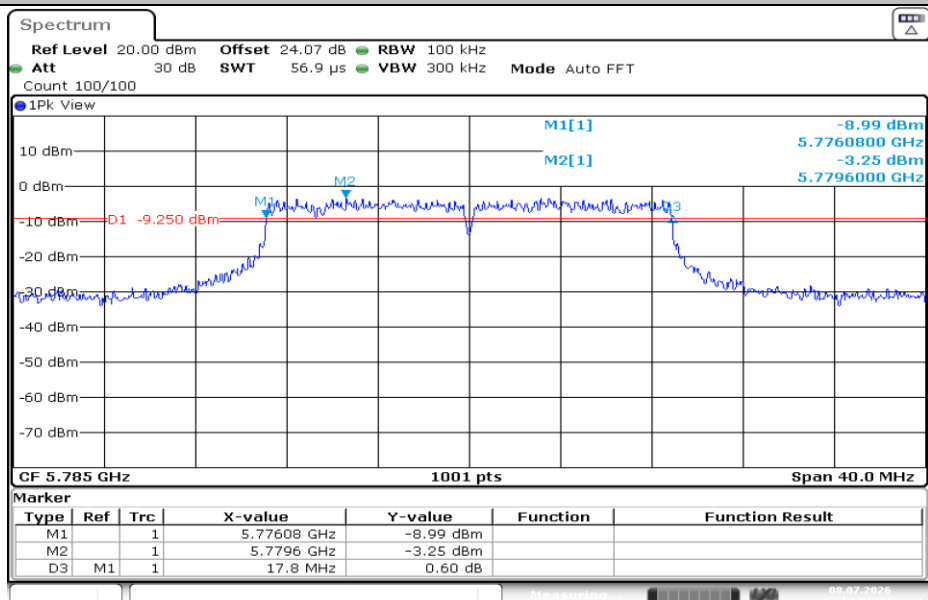
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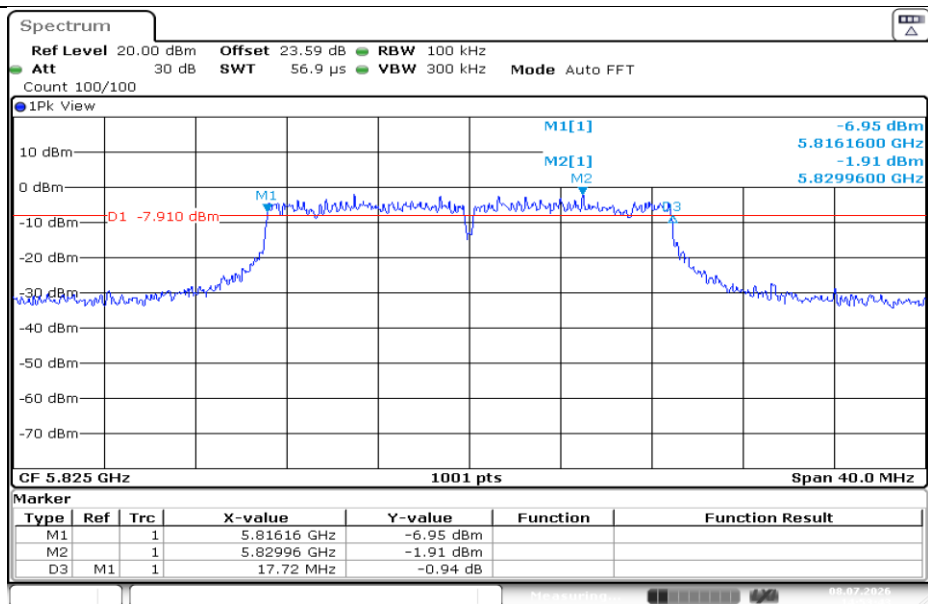
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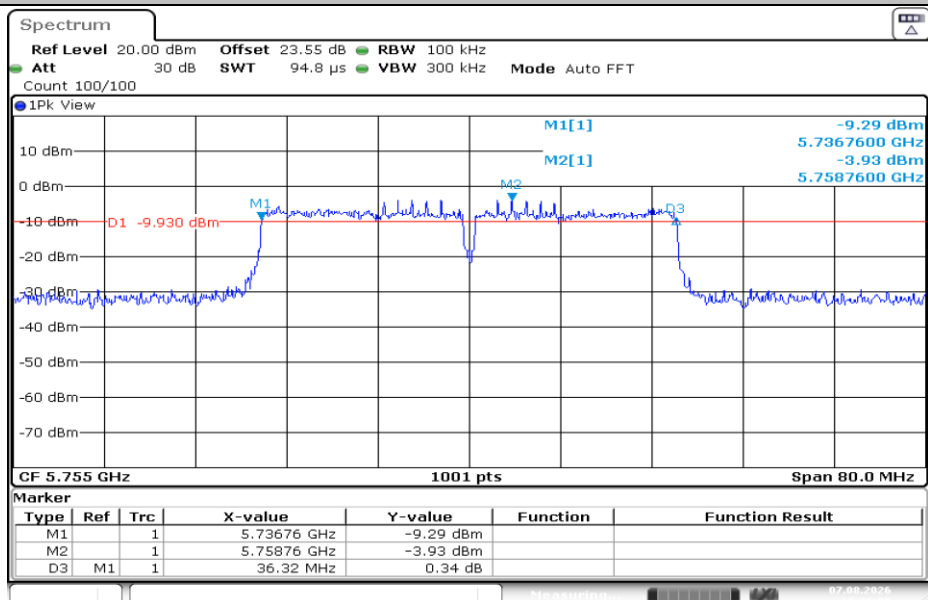
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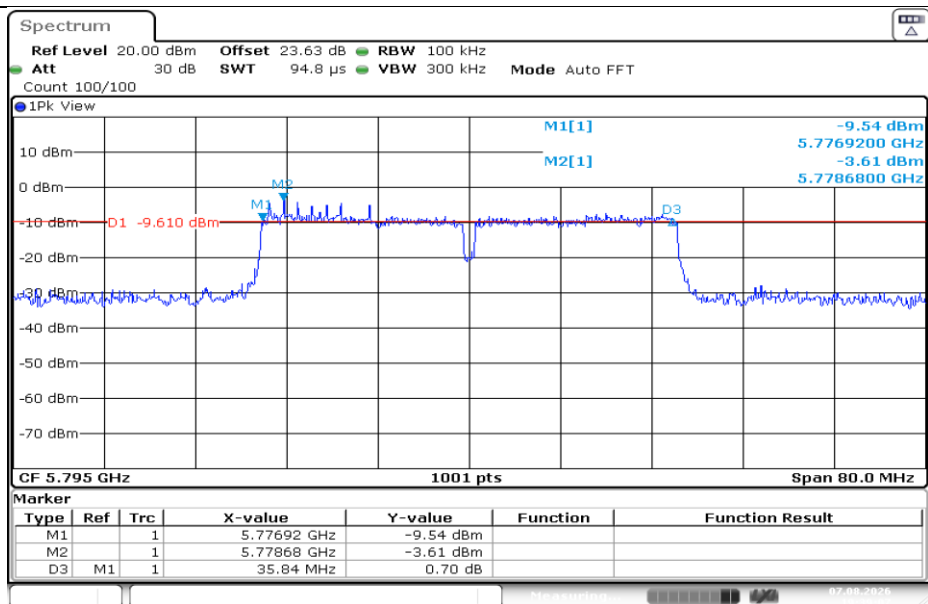
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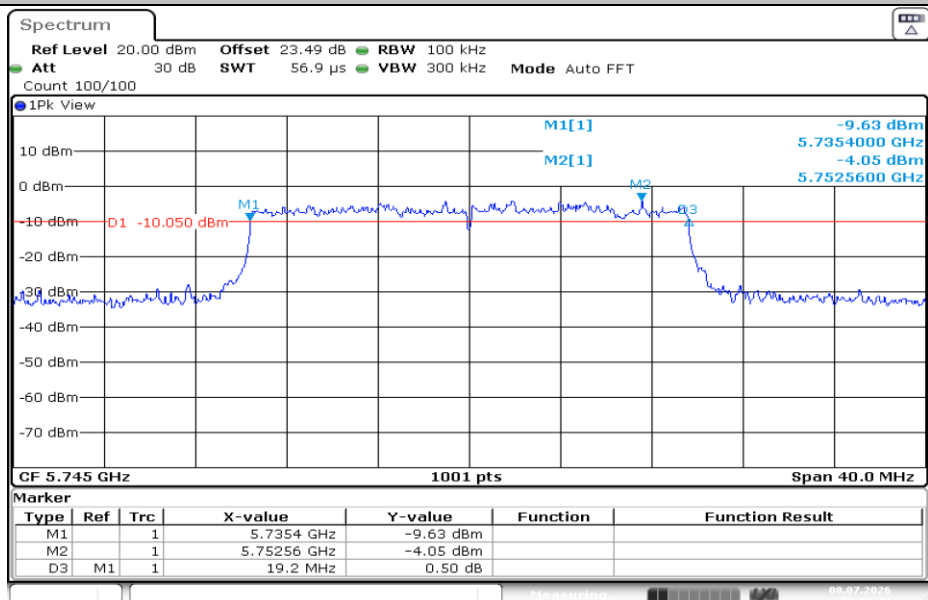
11AC20SISO-Ant1-5825-PASS



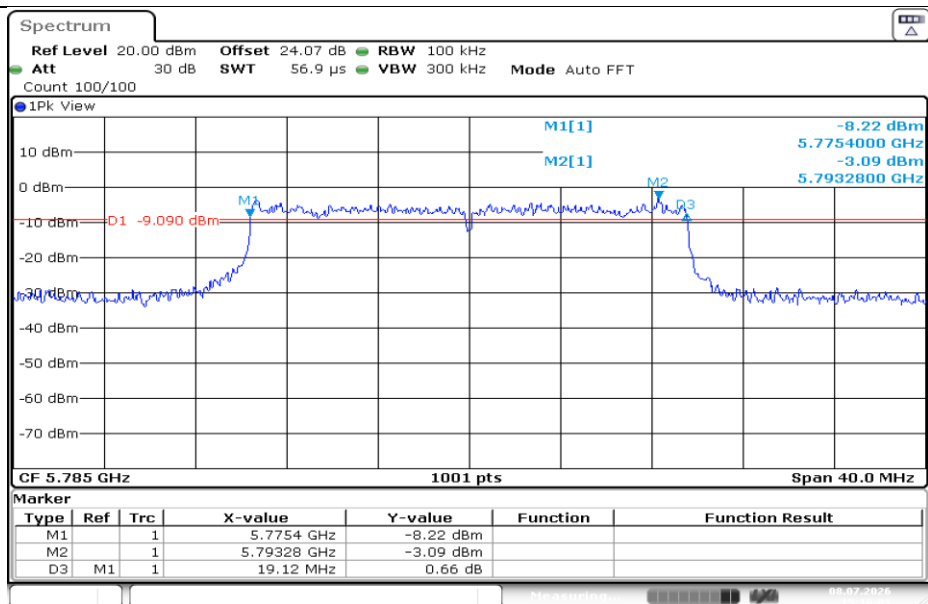
11AC40SISO-Ant1-5755-PASS



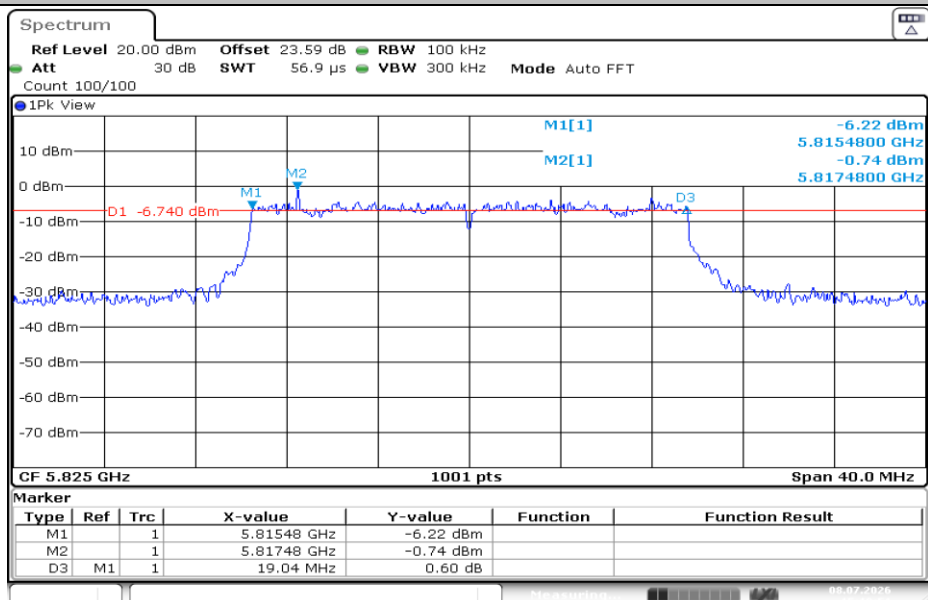
11AC40SISO-Ant1-5795-PASS



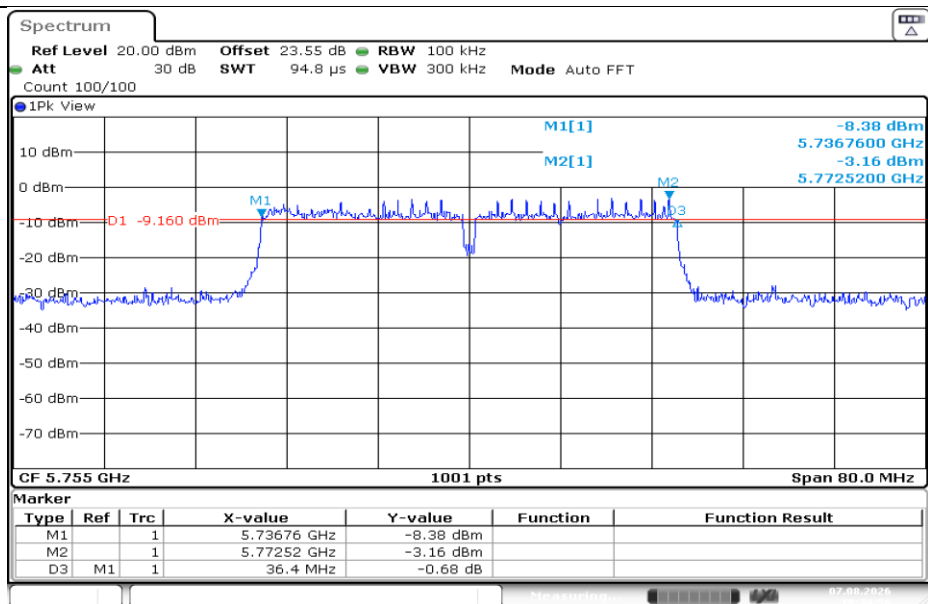
11AX20SISO-Ant1-5745-PASS



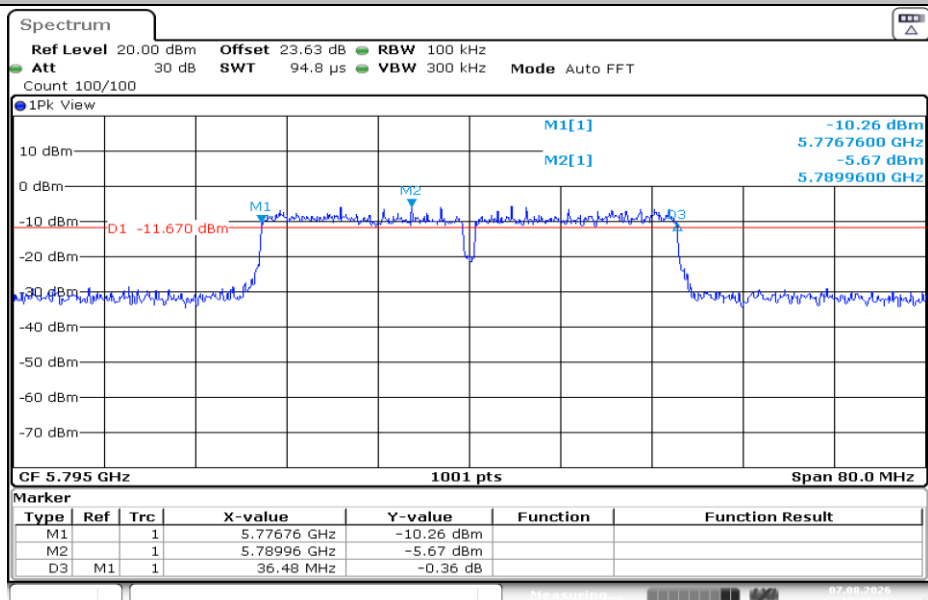
11AX20SISO-Ant1-5785-PASS



11AX20SISO-Ant1-5825-PASS



11AX40SISO-Ant1-5755-PASS



11AX40SISO-Ant1-5795-PASS

3.4 Conducted Output Power

3.4.1 Limit

FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	Conducted Output Power	Master device: 1 Watt (30 dBm) Client device: 250 mW (23.98 dBm)	5150-5250
		250 mW (23.98 dBm)	5250-5350
		250 mW (23.98 dBm)	5470-5725
		1 Watt (30dBm)	5725-5850

Note:

- For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
- For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10log B, where B is the 26dB Bandwidth in megahertz.

3.4.2 Test Procedure

Test Method	
●Conducted Measurement	○Radiated Measurement
Test Channels	
●Lowest, Middle and Highest Channel	○ Lowest and Highest Channel
Environmental conditions	
●Normal	○Normal and Extreme
Note:●:Test ○:No Test	

- The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
- Test was performed in accordance with method of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

3.4.3 Test Setup



3.4.4 Table of Parameters of Text Software Setting

UNII-1			
Test Software Version	cmd.exe		
Frequency (MHz)	5180	5200	5240
IEEE 802.11a	13	13	13
IEEE 802.11n20	13	13	13
IEEE 802.11ac20	13	13	13
IEEE 802.11ax20	13	13	13
Frequency (MHz)	5190	5230	
IEEE 802.11n40	13	13	
IEEE 802.11ac40	13	13	
IEEE 802.11ax40	13	13	

UNII-2A			
Test Software Version	cmd.exe		
Frequency (MHz)	5260	5280	5320
IEEE 802.11a	13	13	13
IEEE 802.11n20	13	13	13
IEEE 802.11ac20	13	13	13
IEEE 802.11ax20	13	13	13
Frequency (MHz)	5270	5310	
IEEE 802.11n40	13	13	
IEEE 802.11ac40	13	13	
IEEE 802.11ax40	13	13	