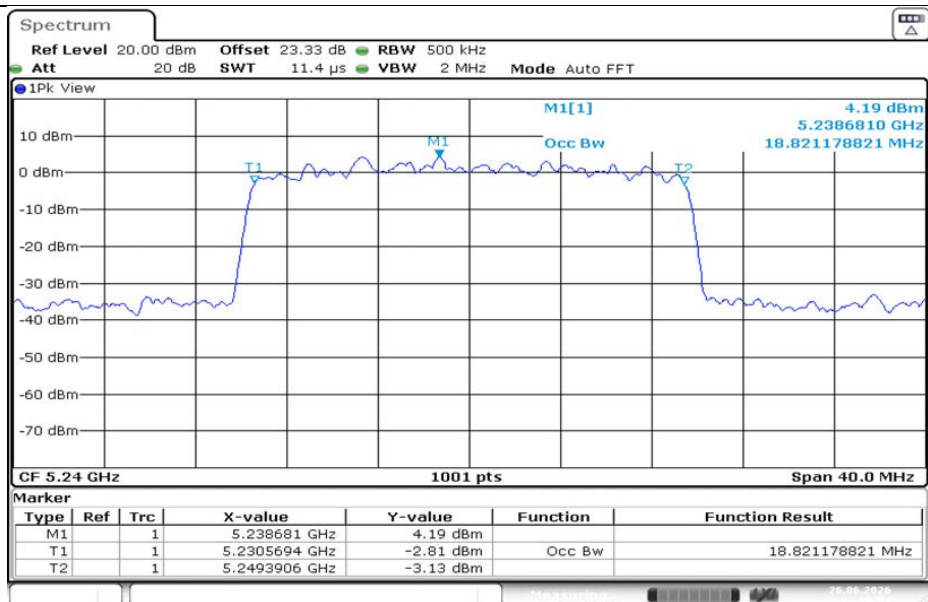
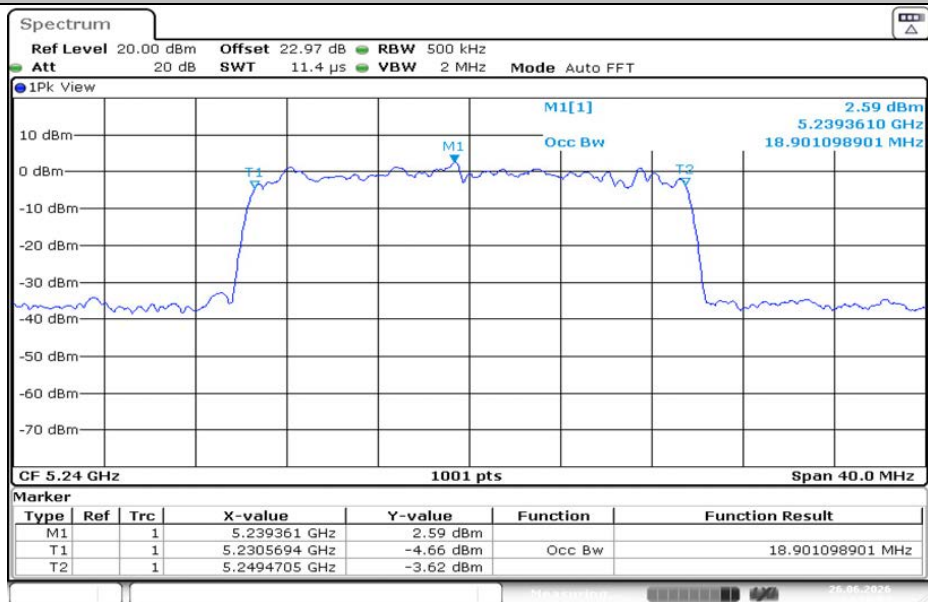
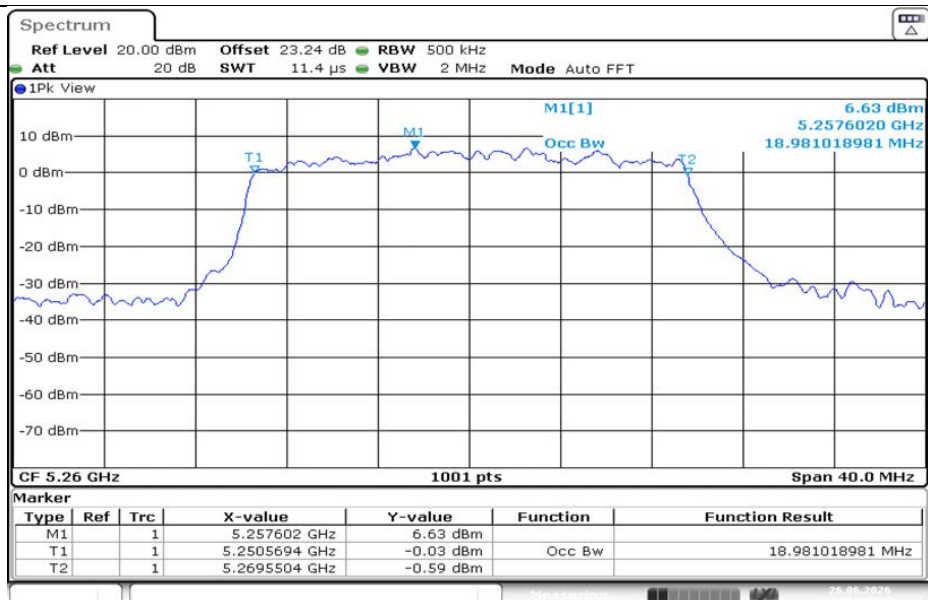




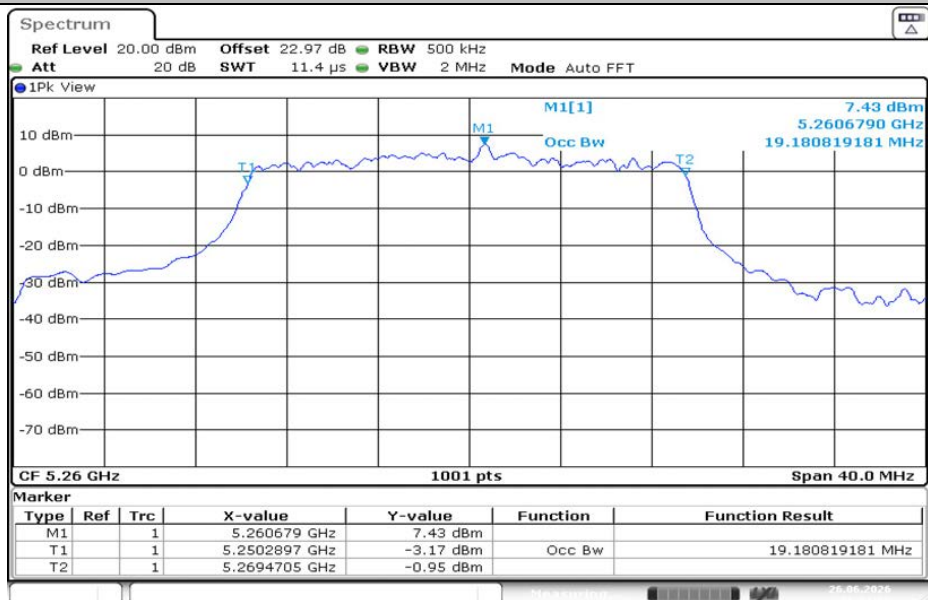
11AX20MIMO-Ant1-5240



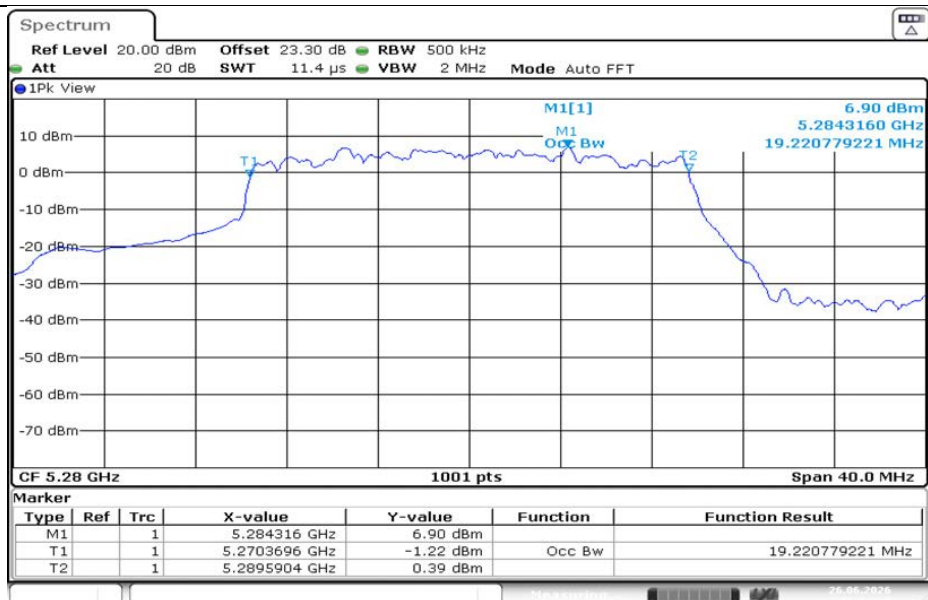
11AX20MIMO-Ant2-5240



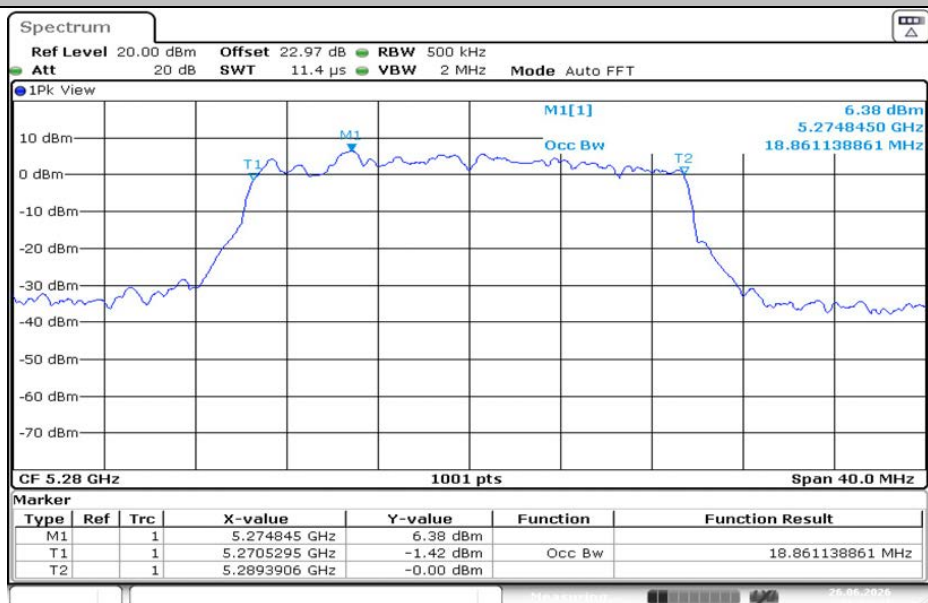
11AX20MIMO-Ant1-5260



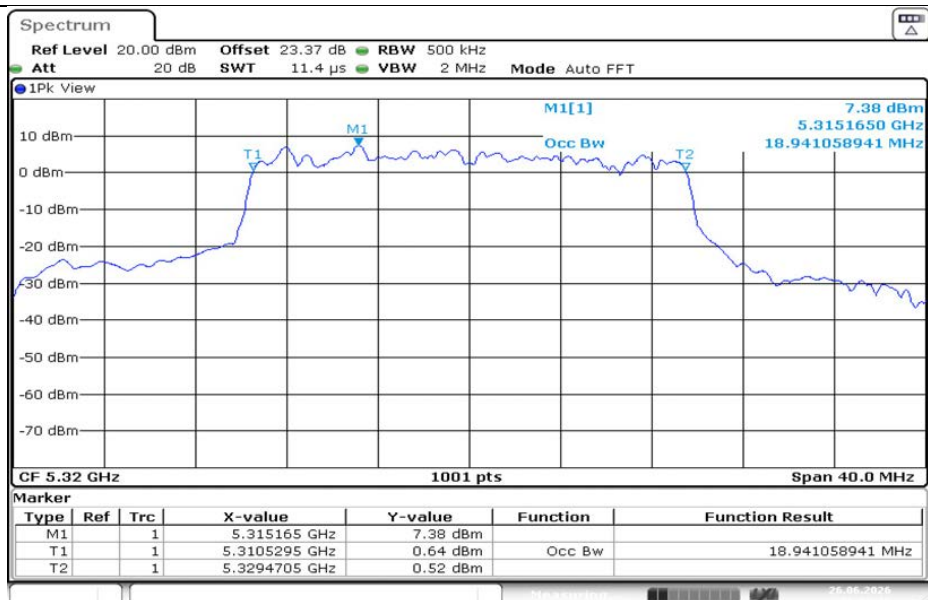
11AX20MIMO-Ant2-5260



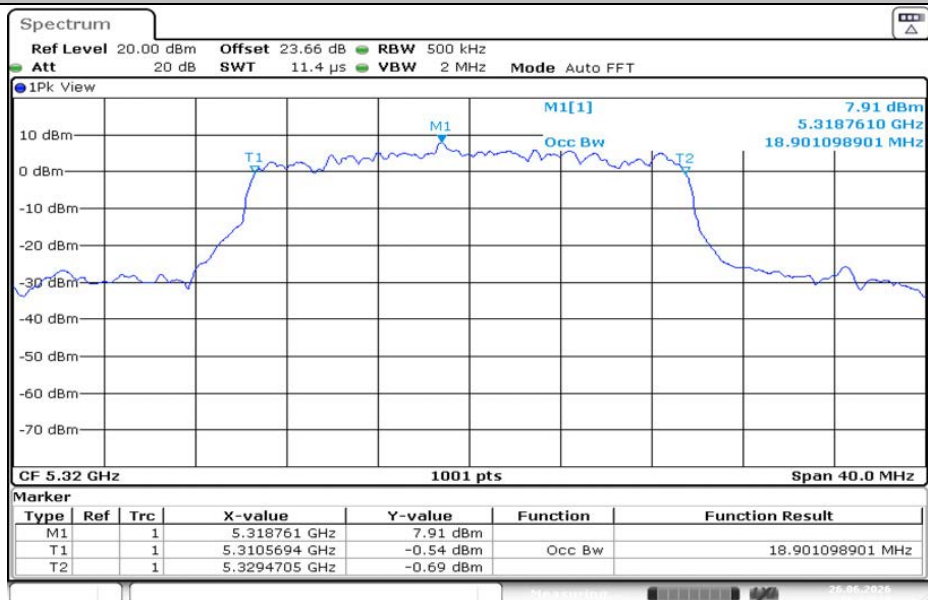
11AX20MIMO-Ant1-5280



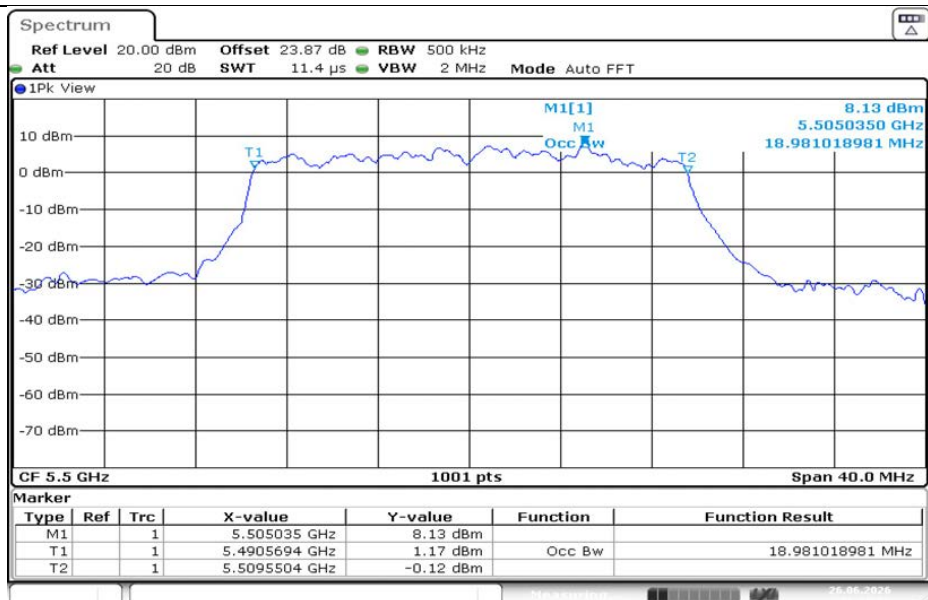
11AX20MIMO-Ant2-5280



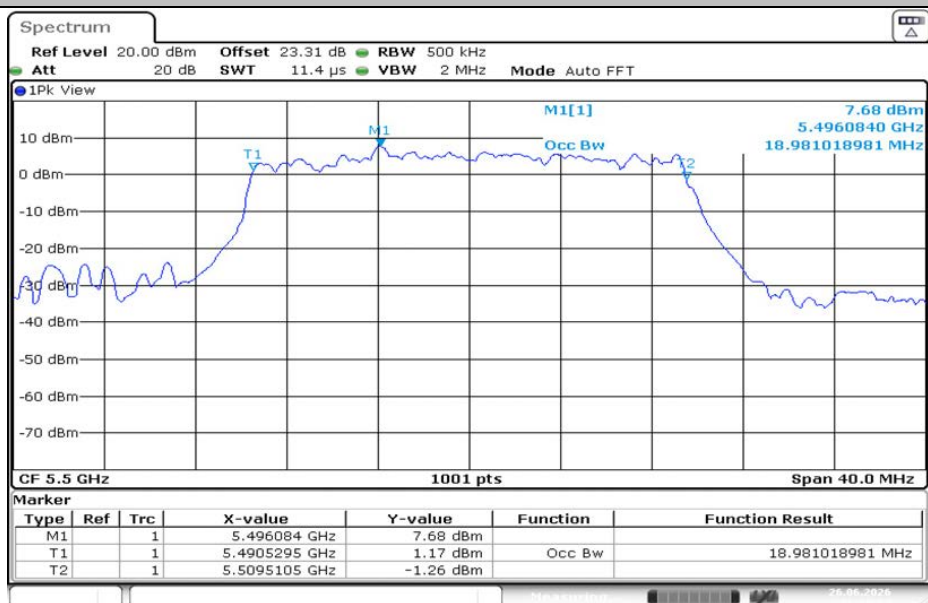
11AX20MIMO-Ant1-5320



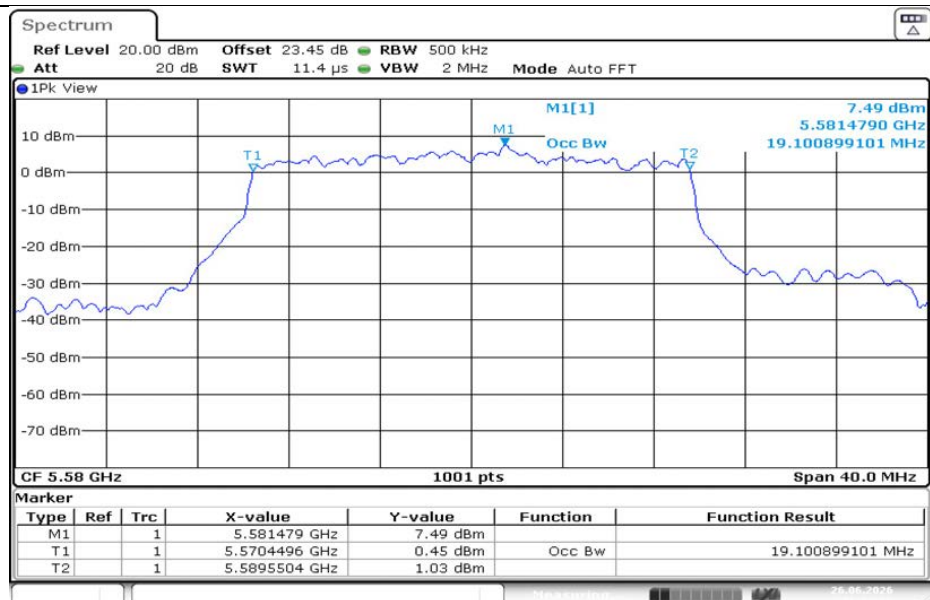
11AX20MIMO-Ant2-5320



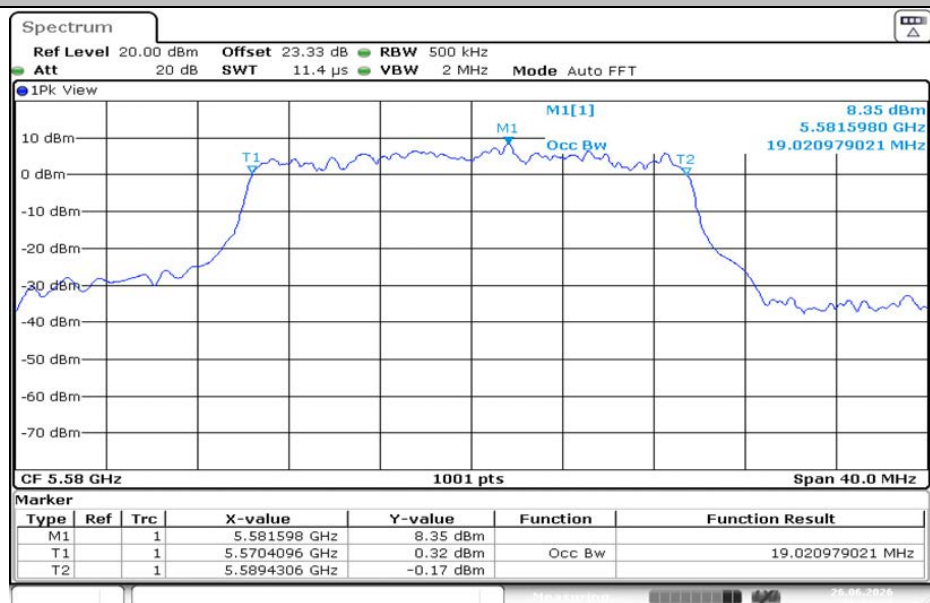
11AX20MIMO-Ant1-5500



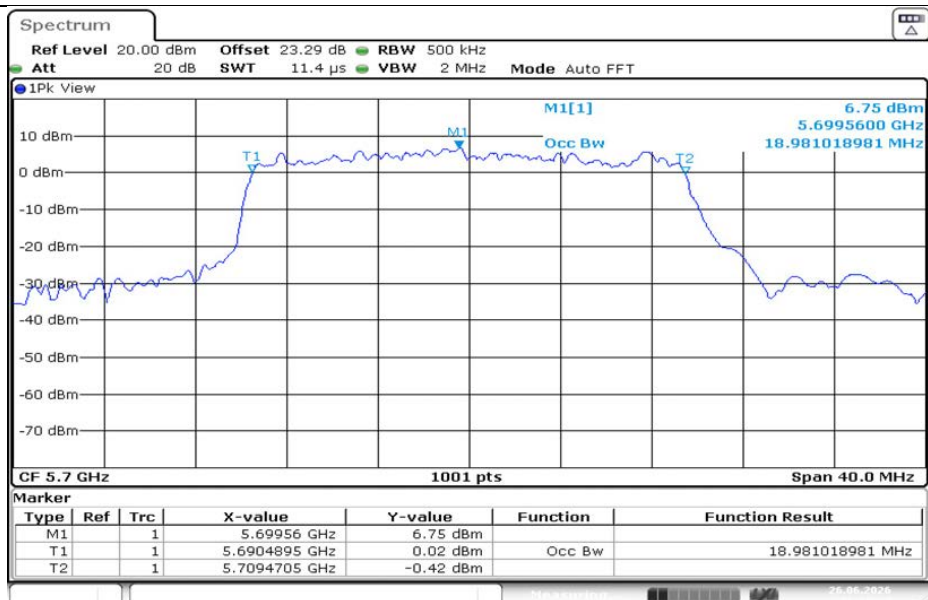
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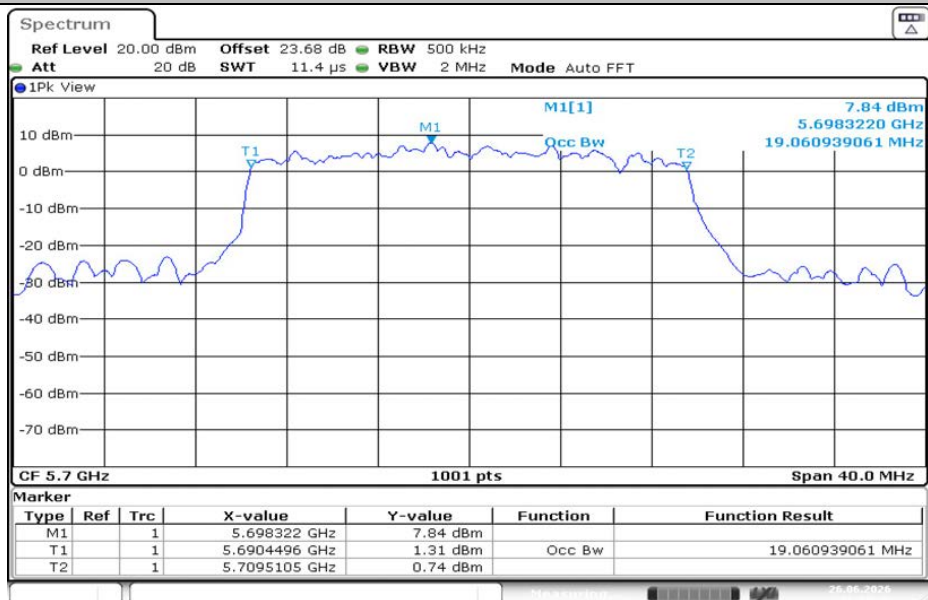
11AX20MIMO-Ant1-5580



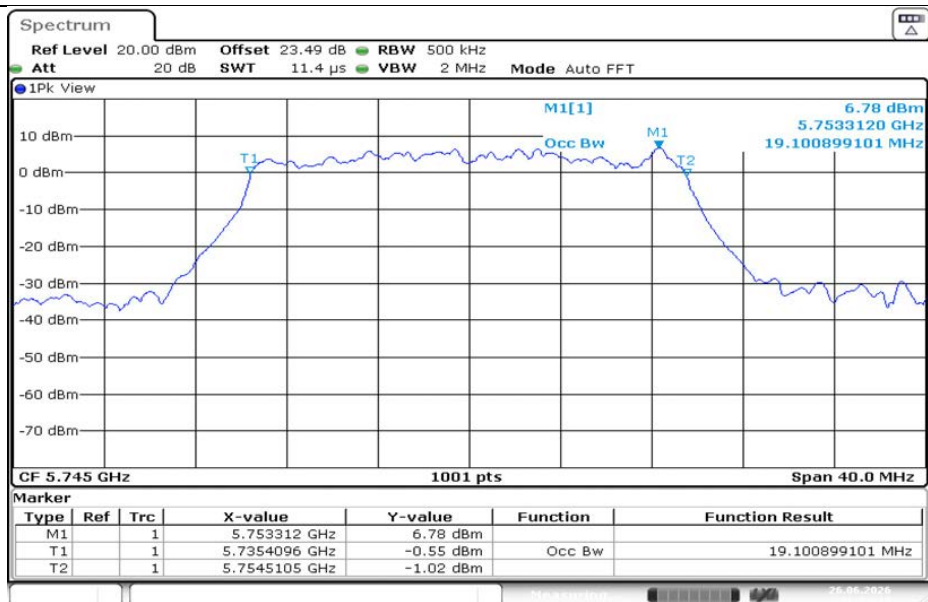
11AX20MIMO-Ant2-5580



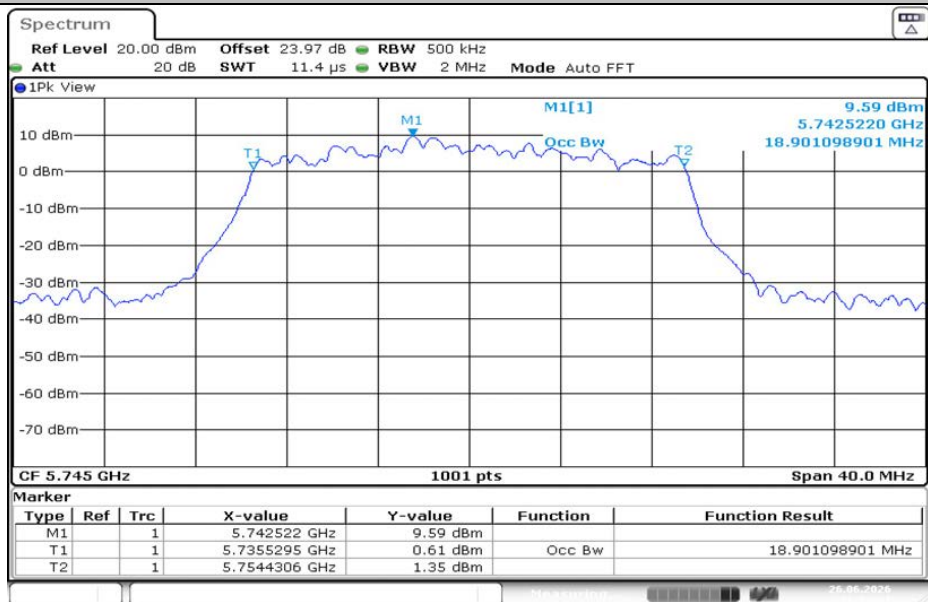
11AX20MIMO-Ant1-5700



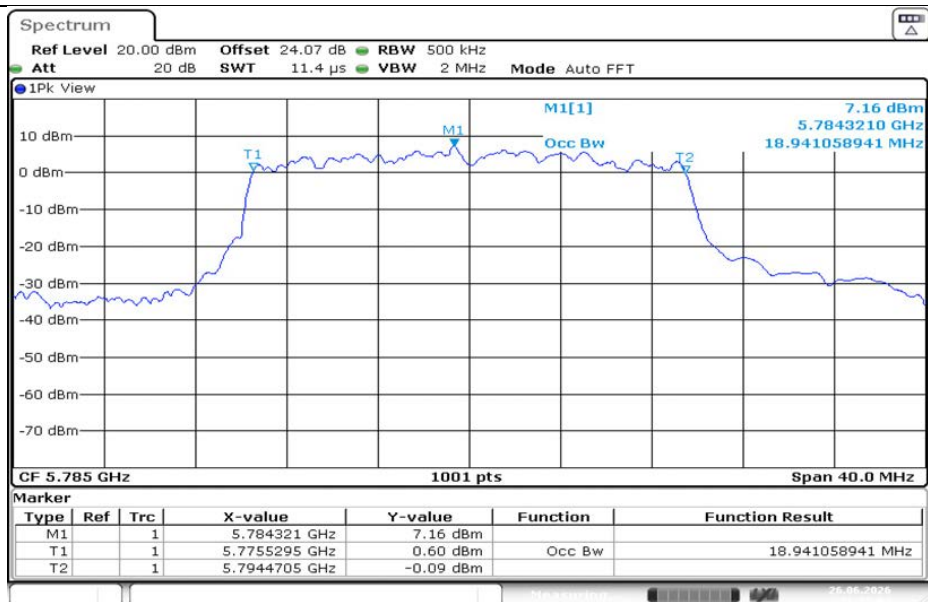
11AX20MIMO-Ant2-5700



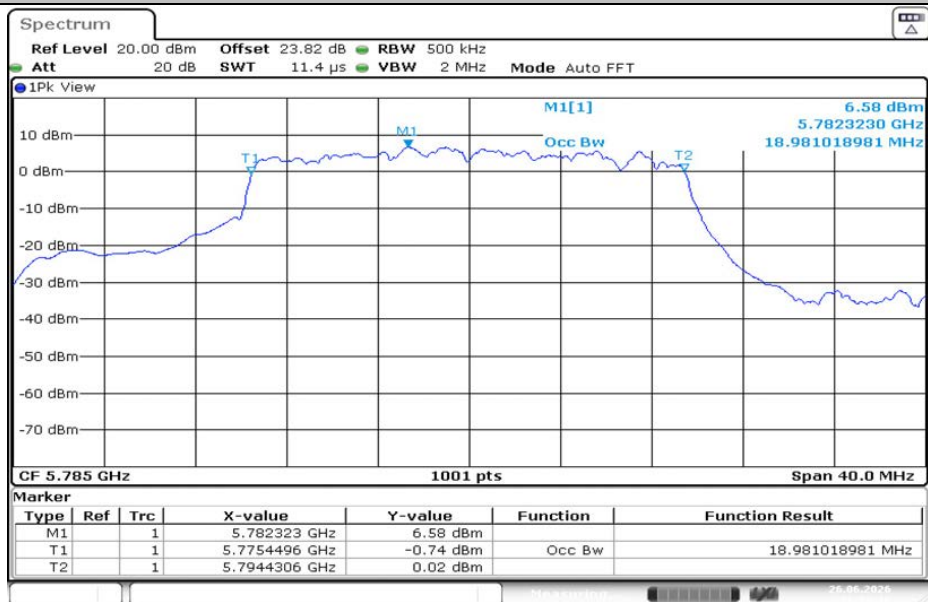
11AX20MIMO-Ant1-5745



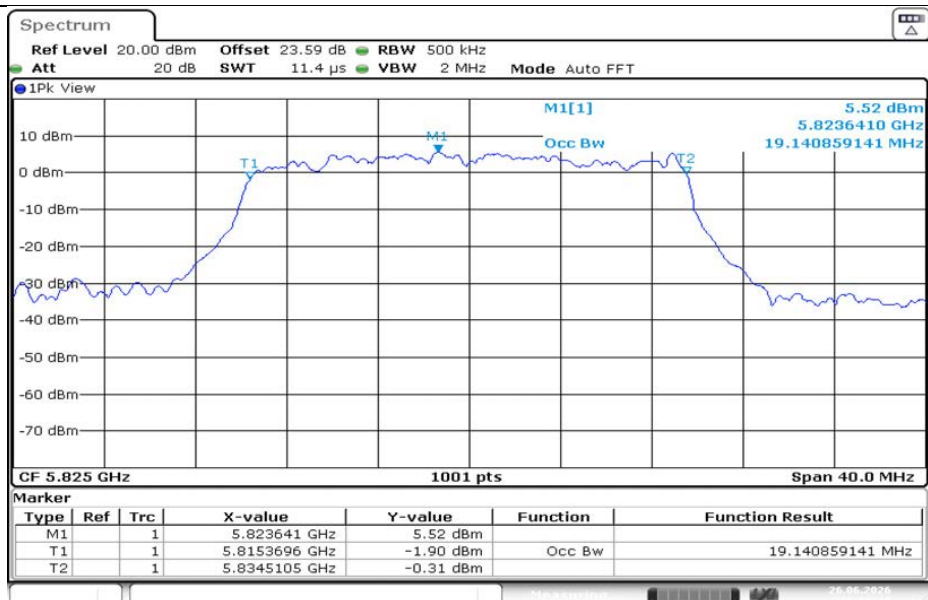
11AX20MIMO-Ant2-5745



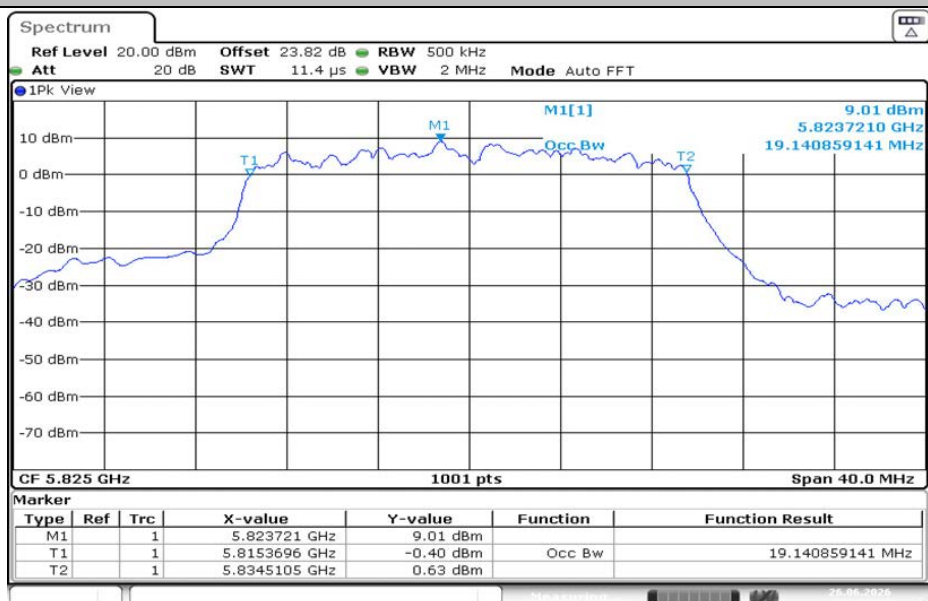
11AX20MIMO-Ant1-5785



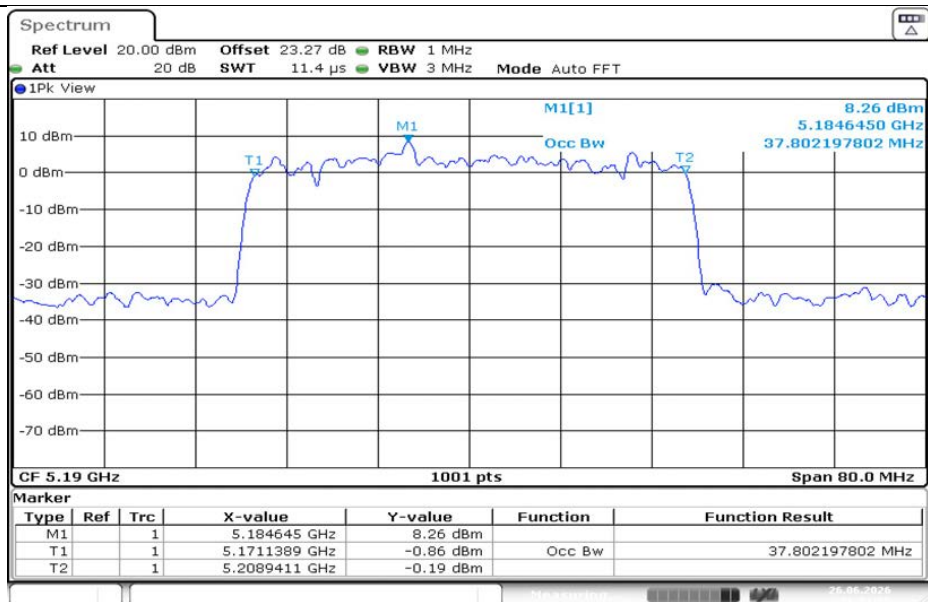
11AX20MIMO-Ant2-5785



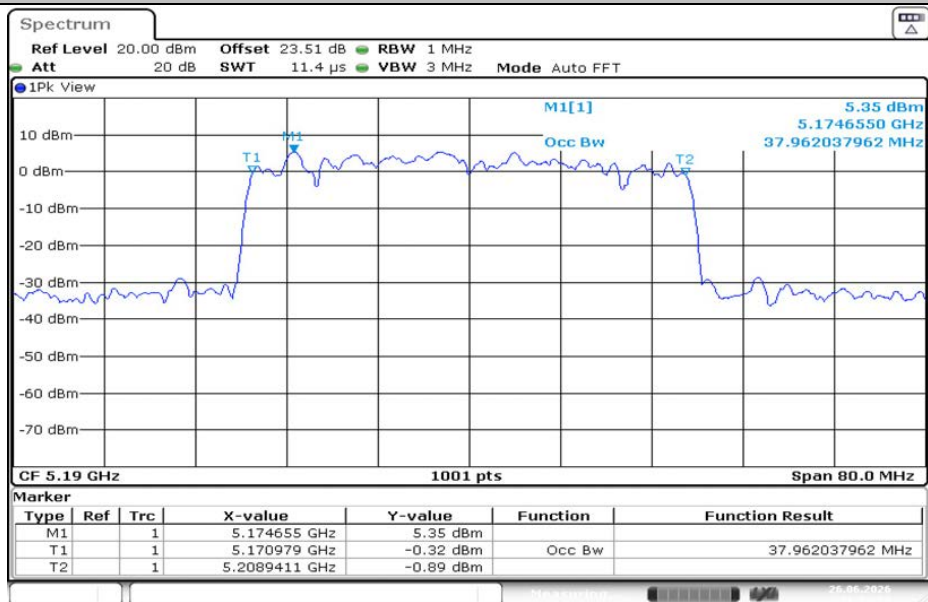
11AX20MIMO-Ant1-5825



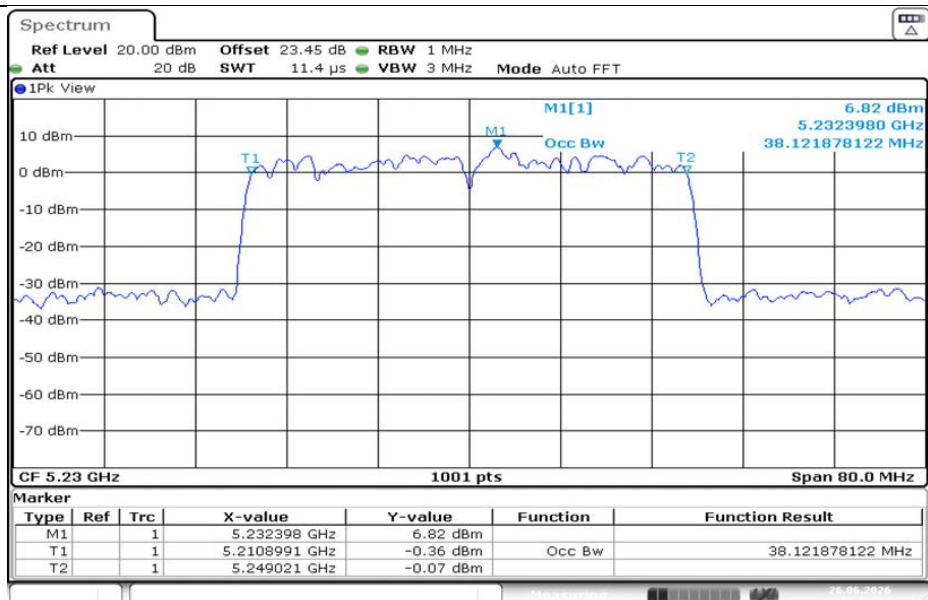
11AX20MIMO-Ant2-5825



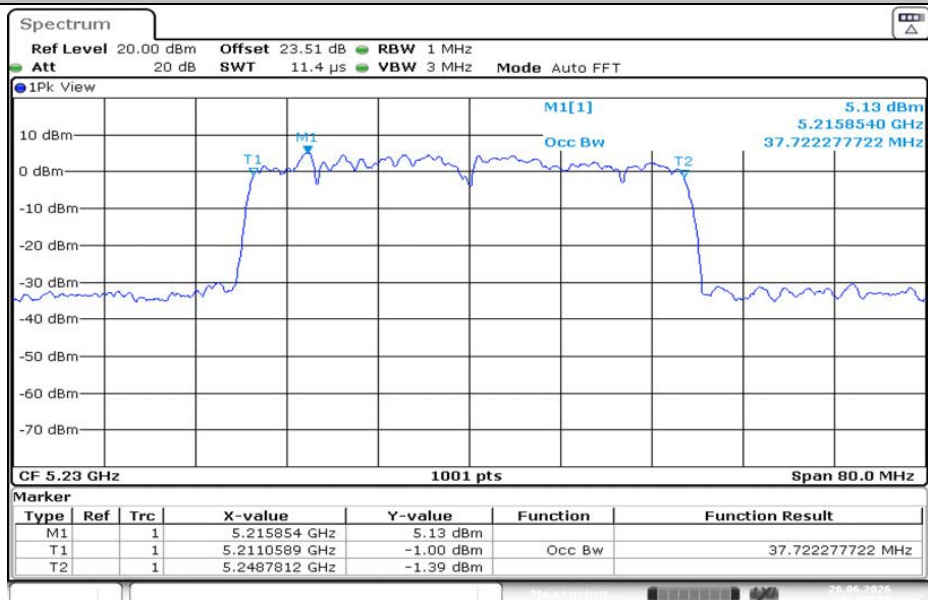
11AX40MIMO-Ant1-5190



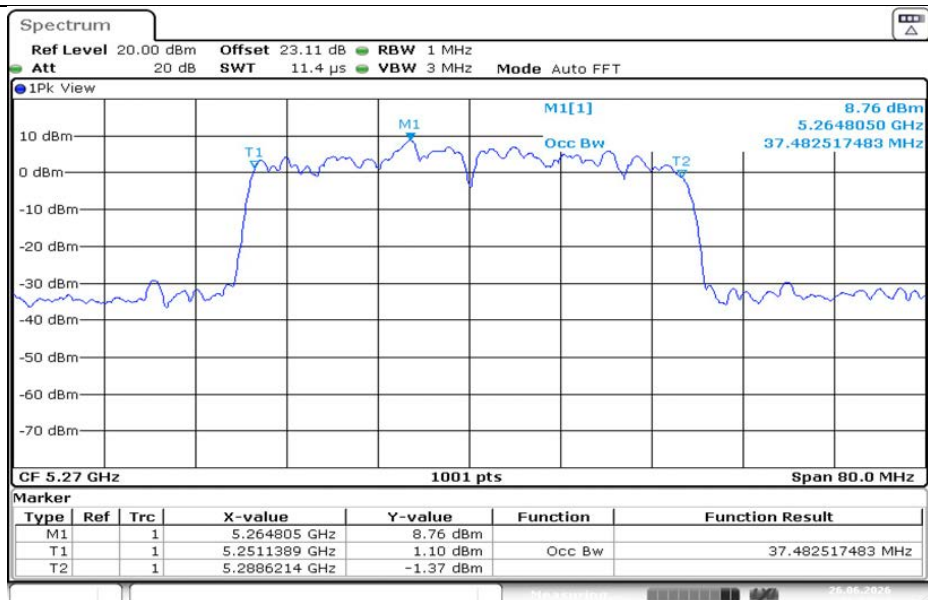
11AX40MIMO-Ant2-5190



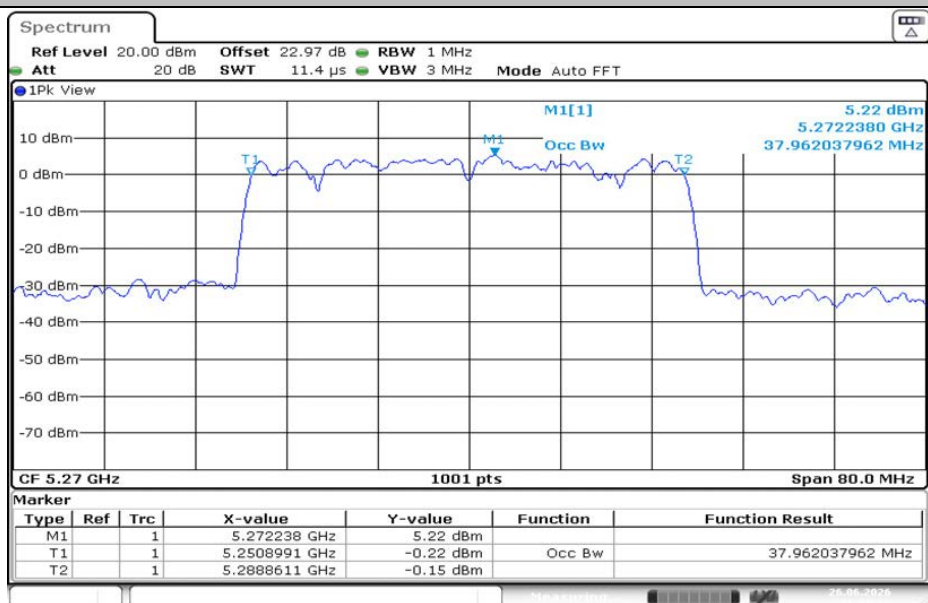
11AX40MIMO-Ant1-5230



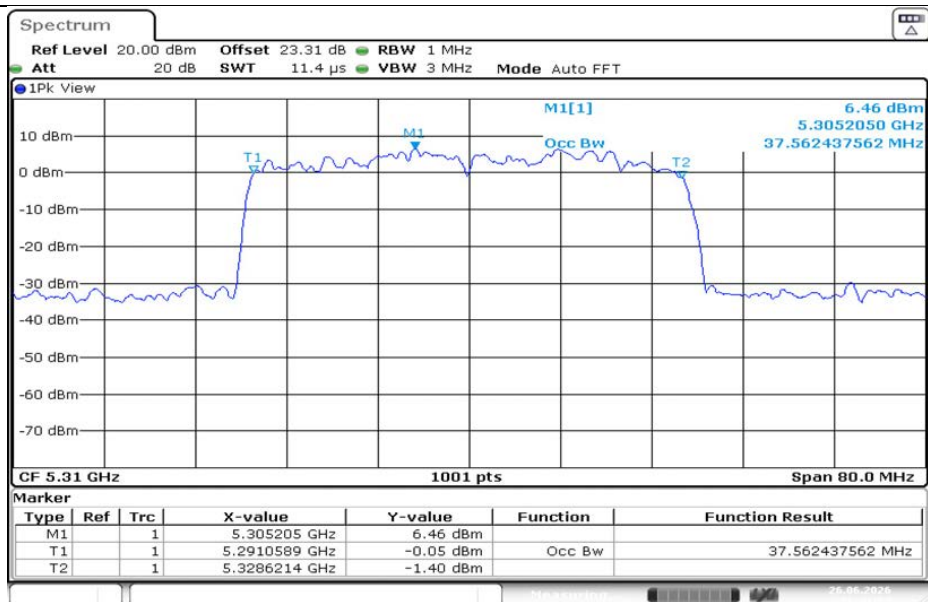
11AX40MIMO-Ant2-5230



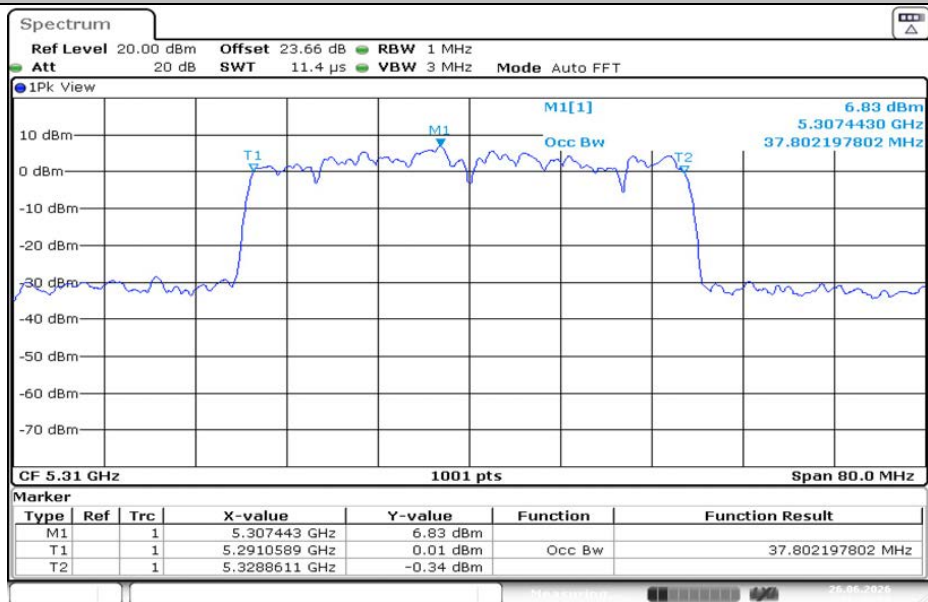
11AX40MIMO-Ant1-5270



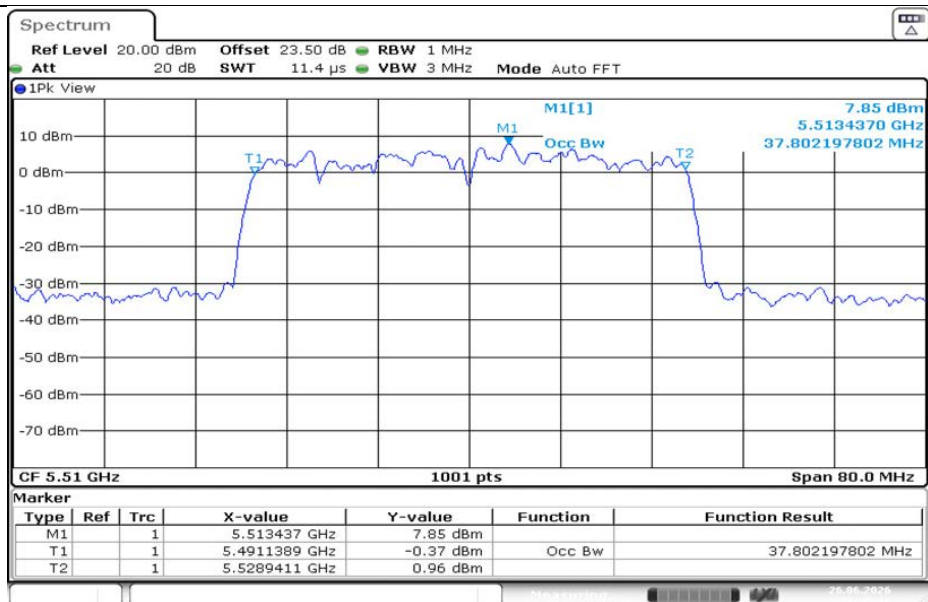
11AX40MIMO-Ant2-5270



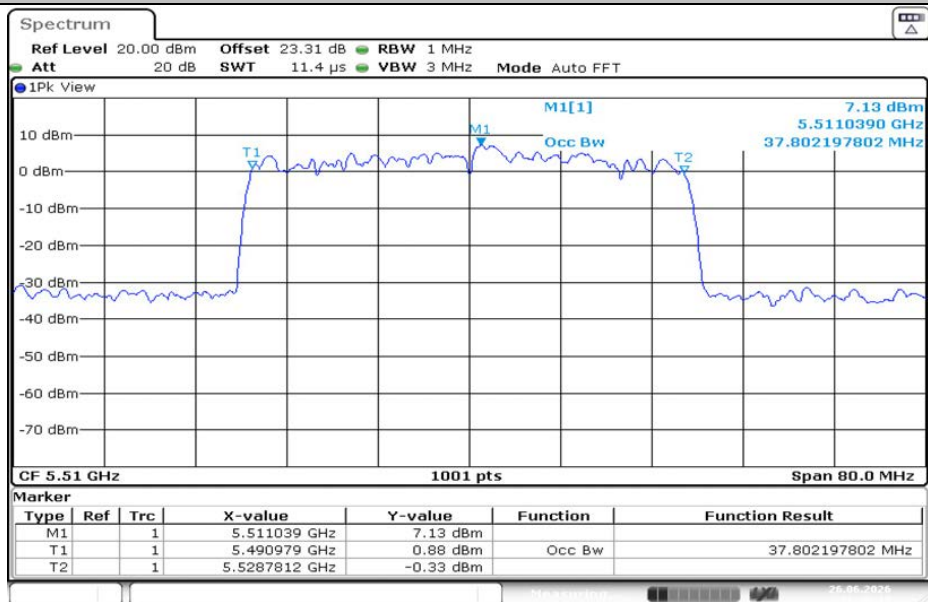
11AX40MIMO-Ant1-5310



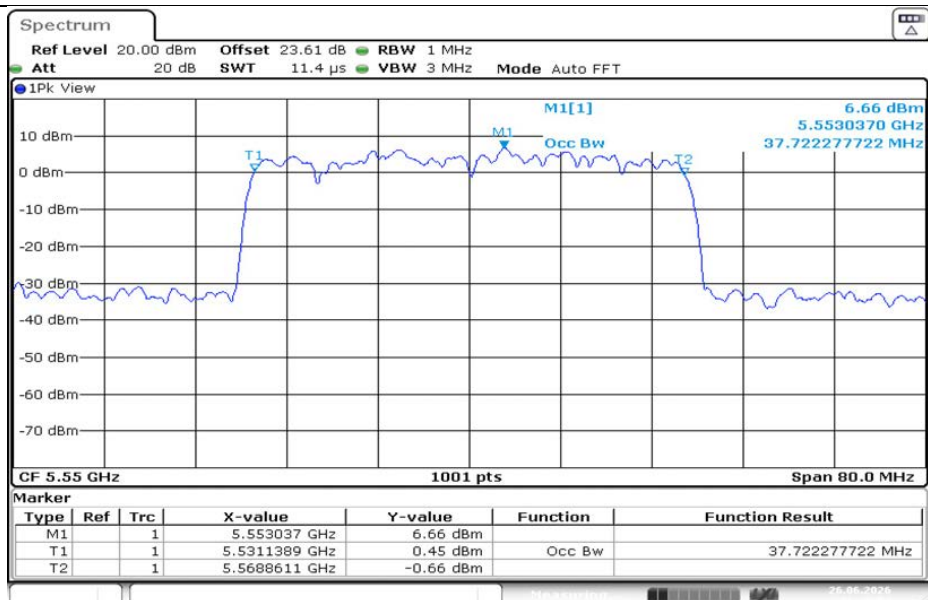
11AX40MIMO-Ant2-5310



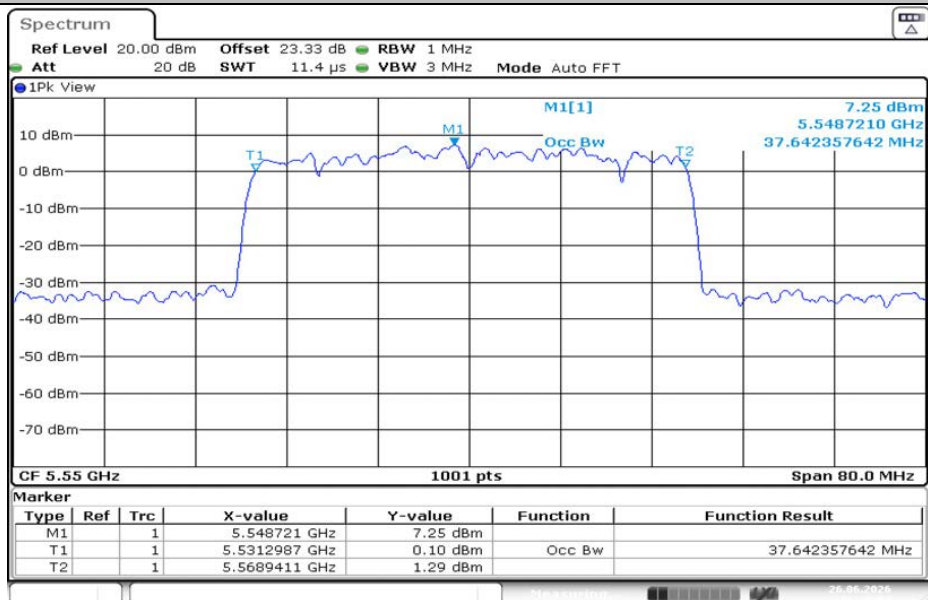
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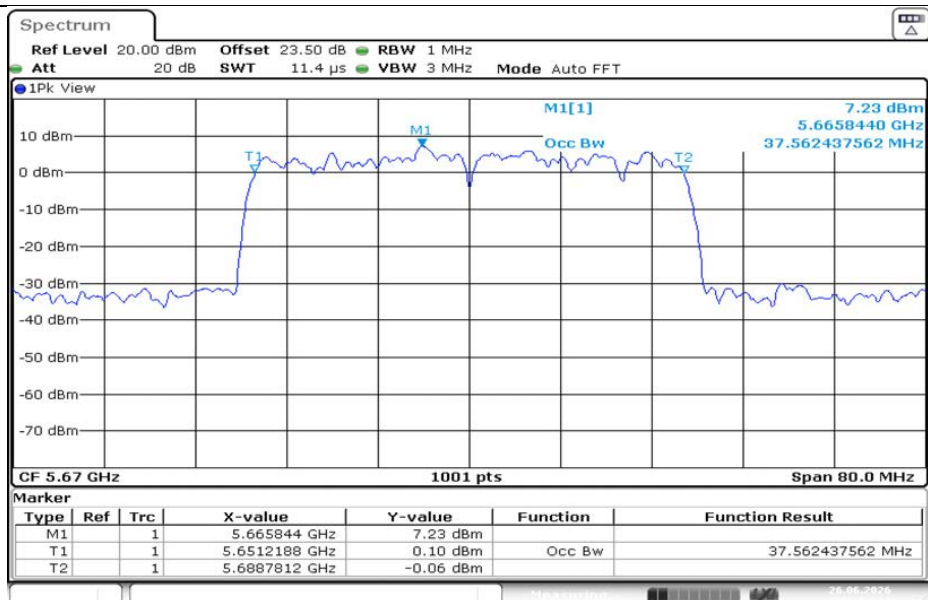
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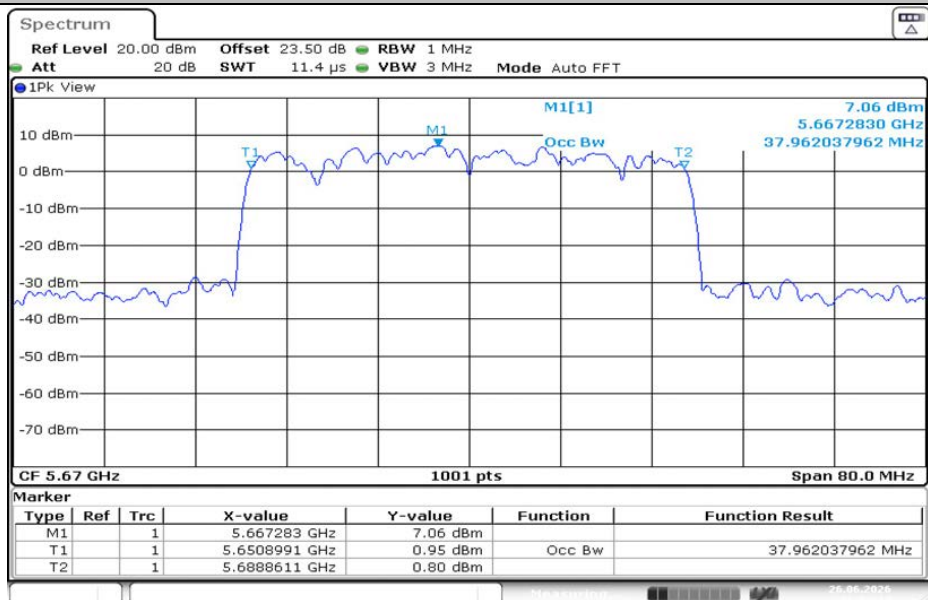
11AX40MIMO-Ant1-5550



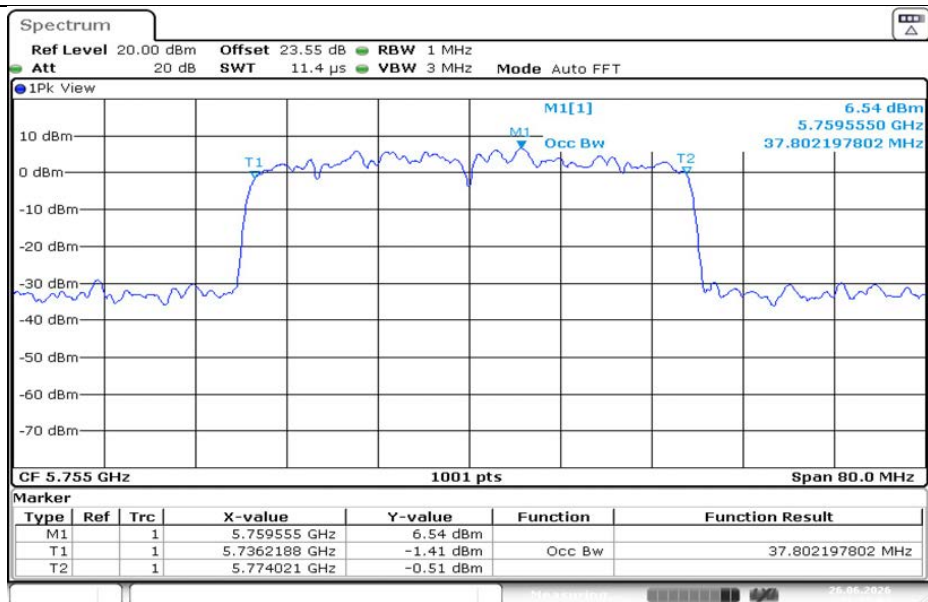
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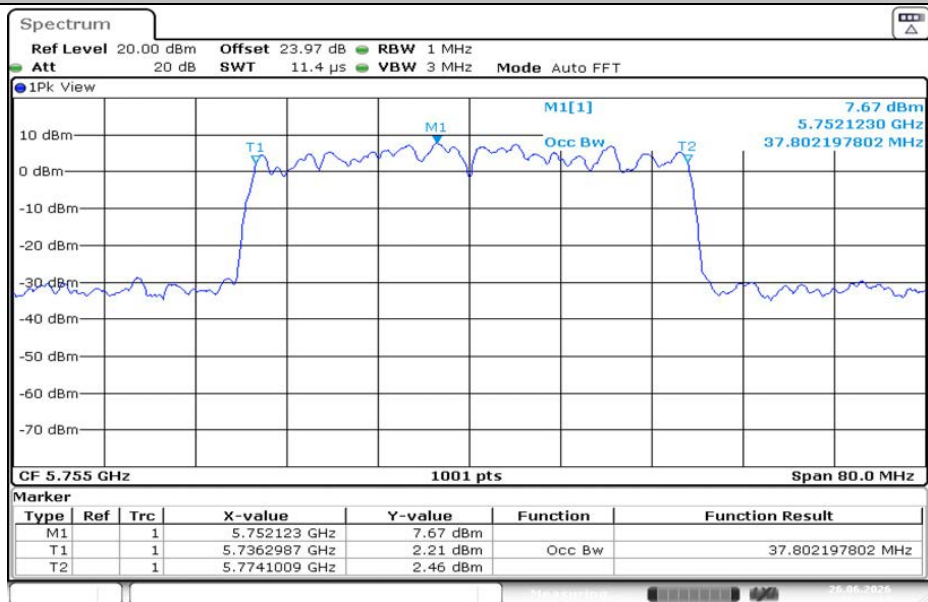
11AX40MIMO-Ant1-5670



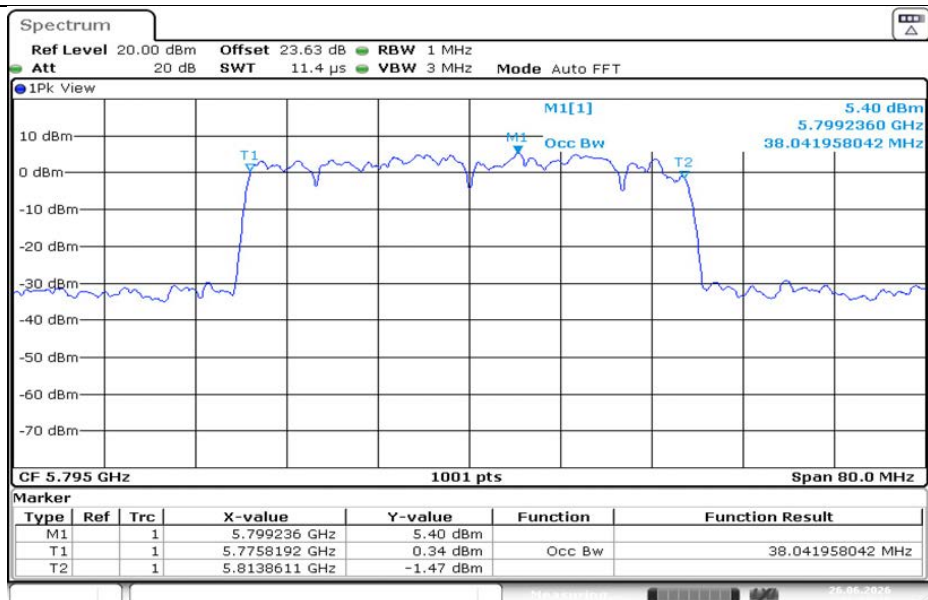
11AX40MIMO-Ant2-5670



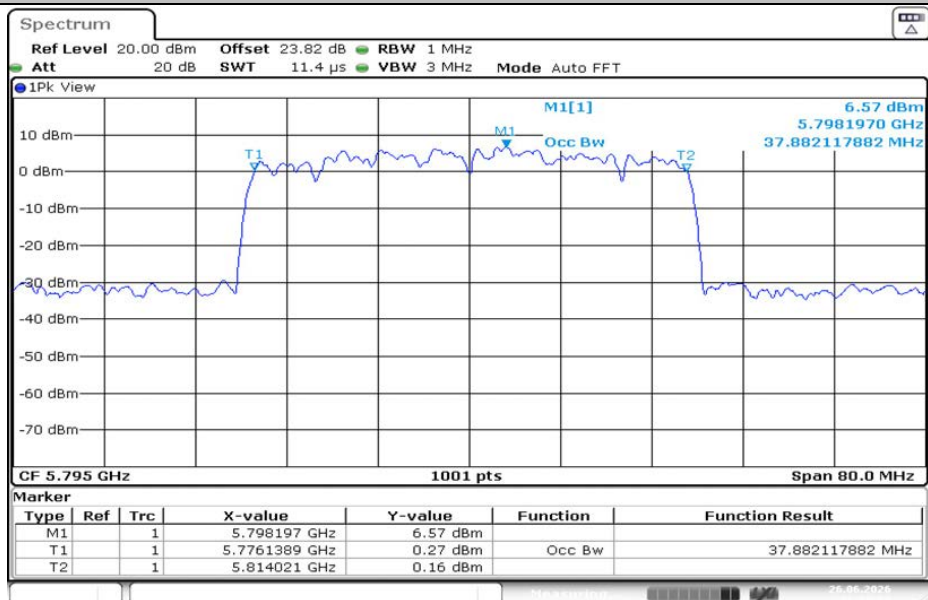
11AX40MIMO-Ant1-5755



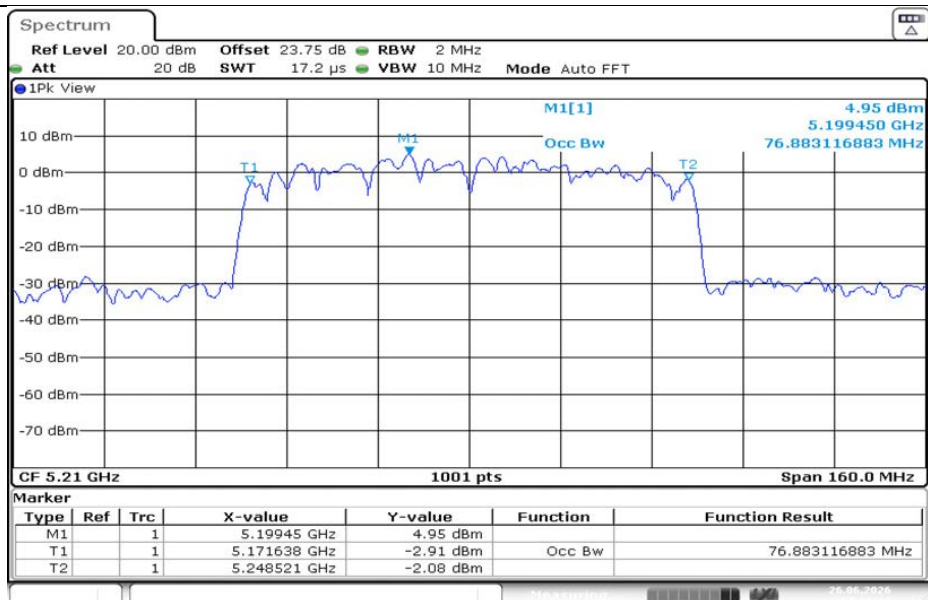
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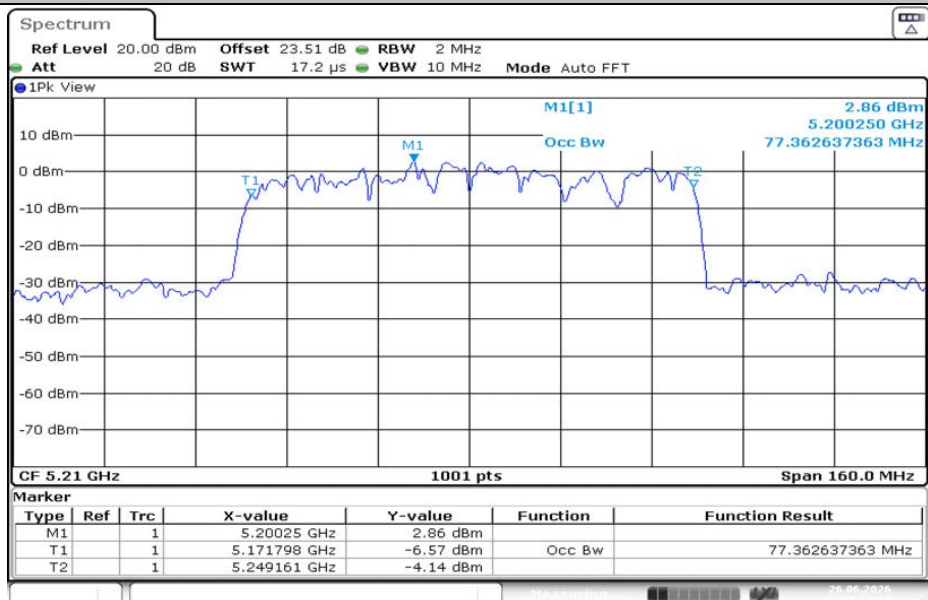
11AX40MIMO-Ant1-5795



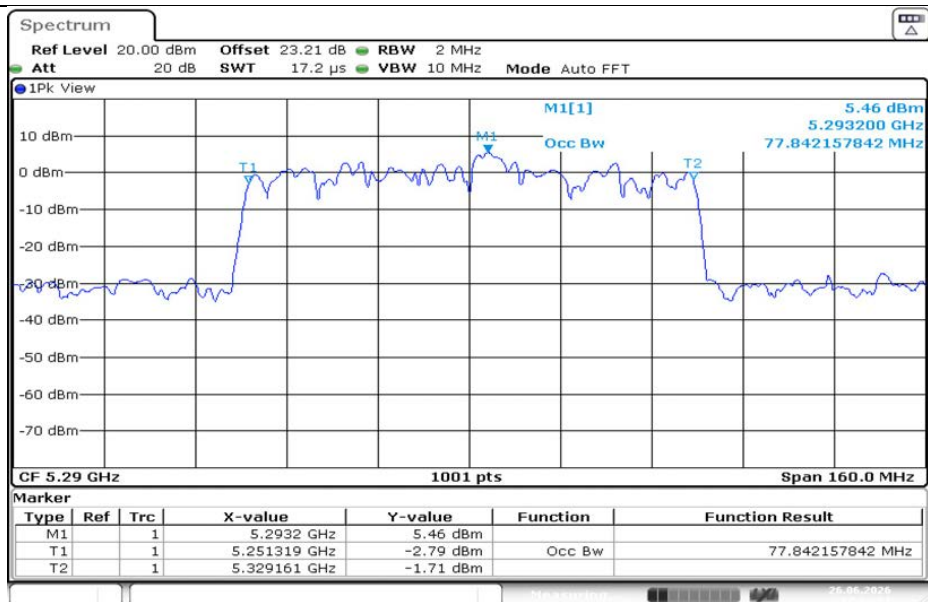
11AX40MIMO-Ant2-5795



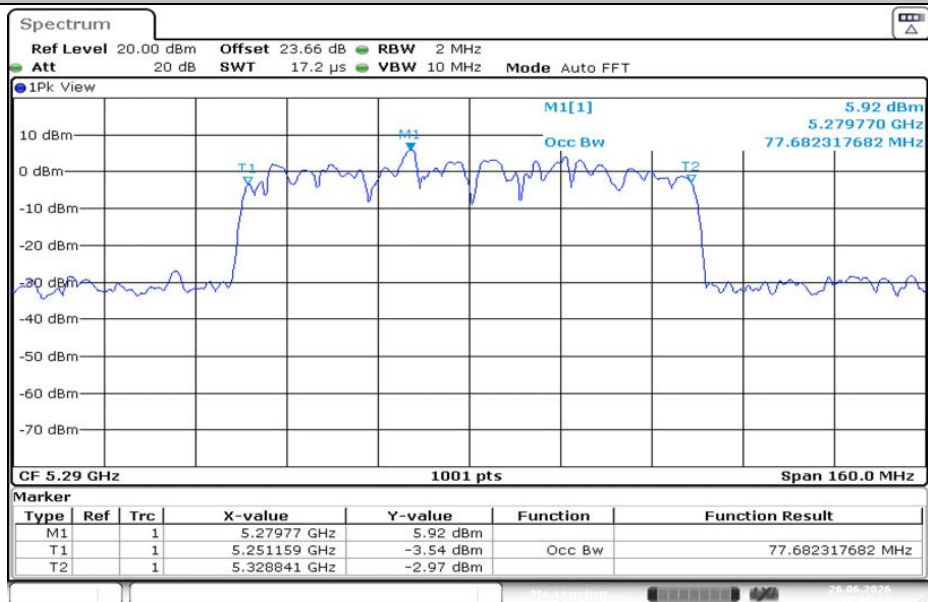
11AX80MIMO-Ant1-5210



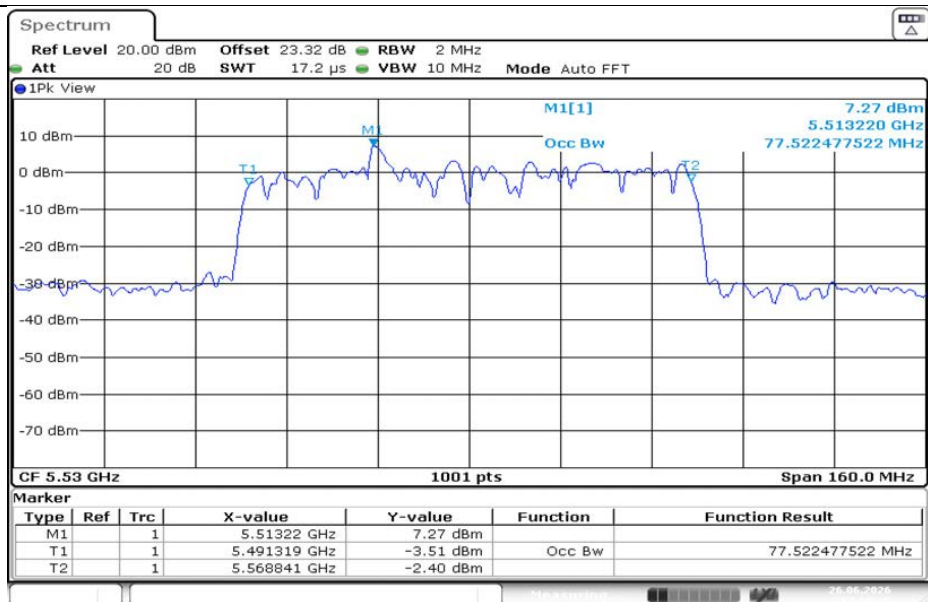
11AX80MIMO-Ant2-5210



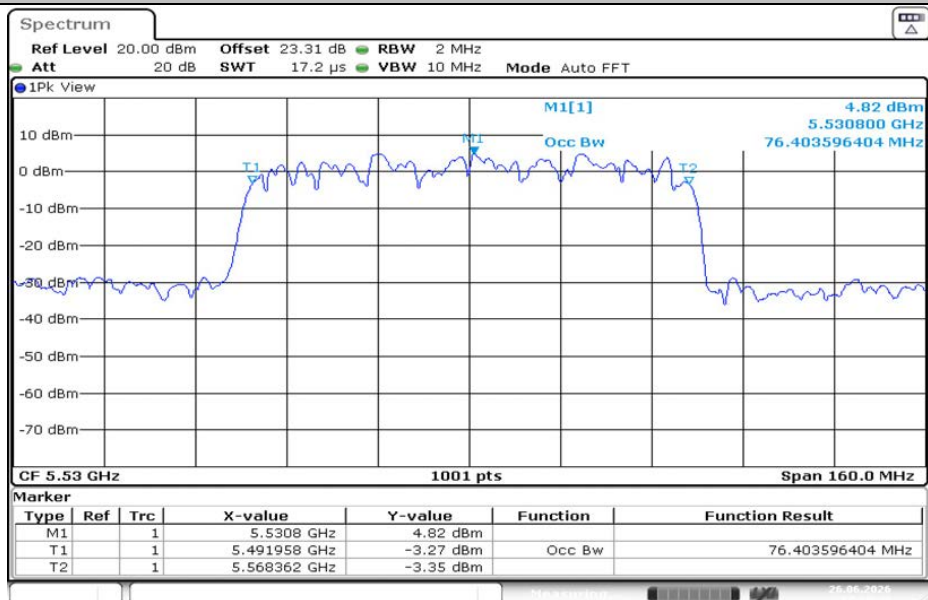
11AX80MIMO-Ant1-5290



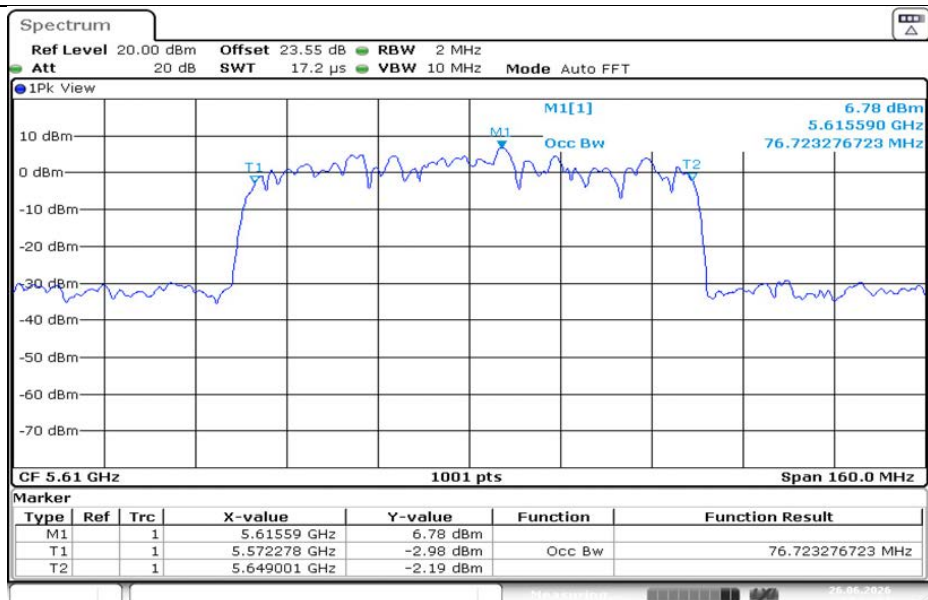
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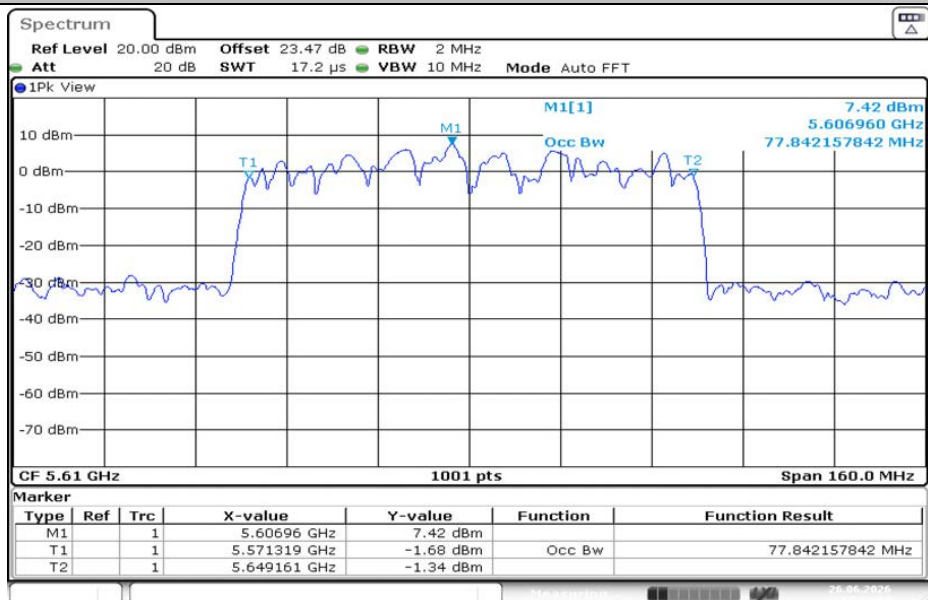
11AX80MIMO-Ant1-5530



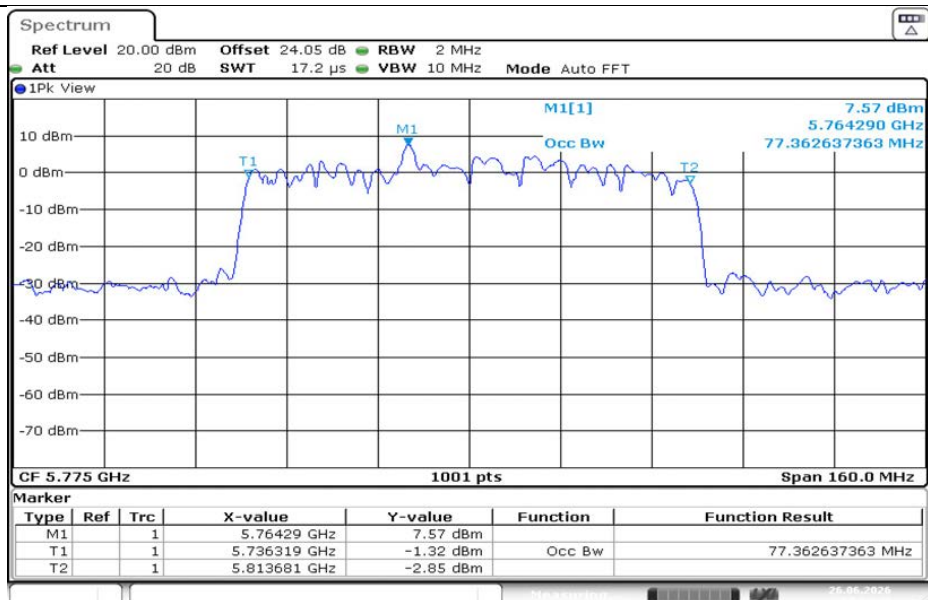
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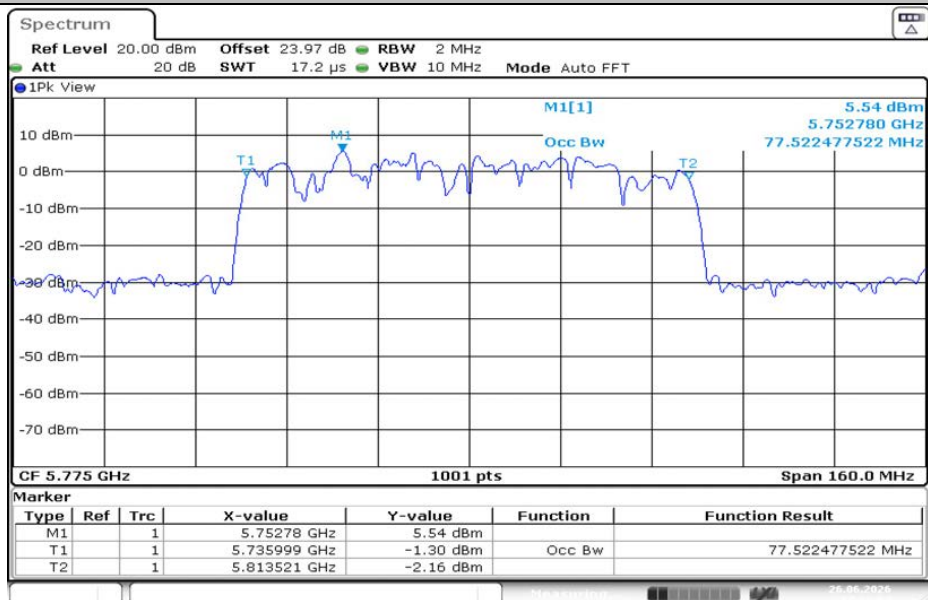
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11AX80MIMO-Ant2-5610



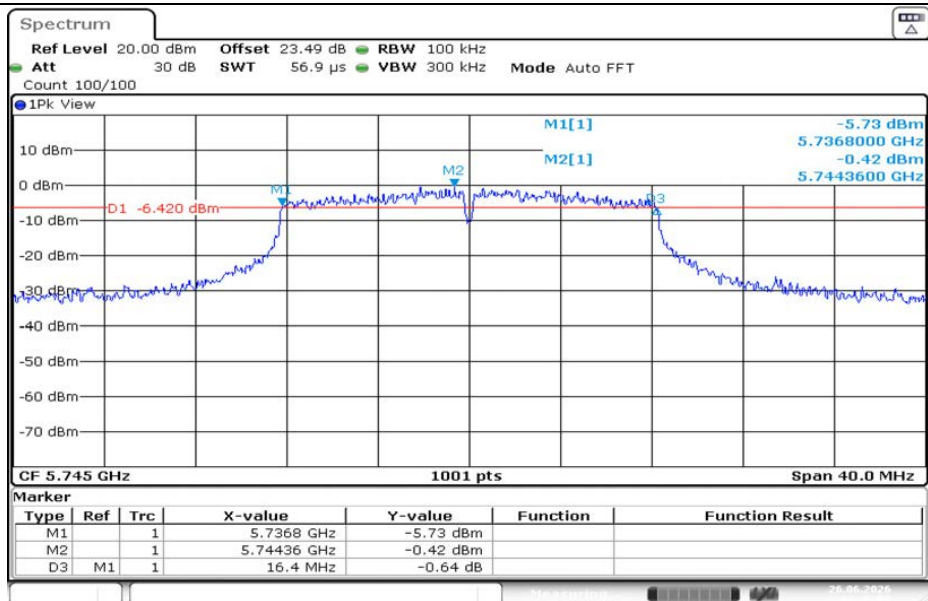
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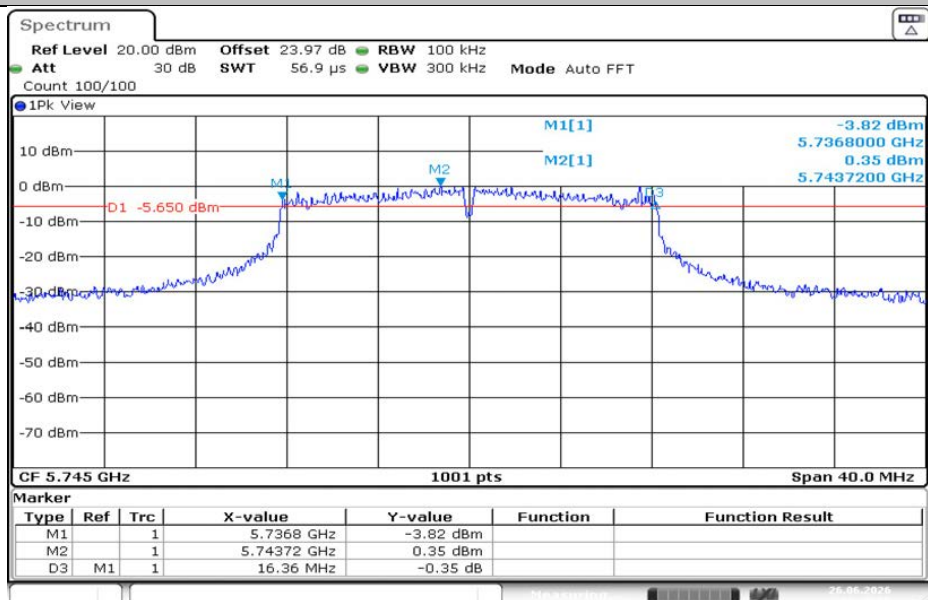
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Min emission bandwidth

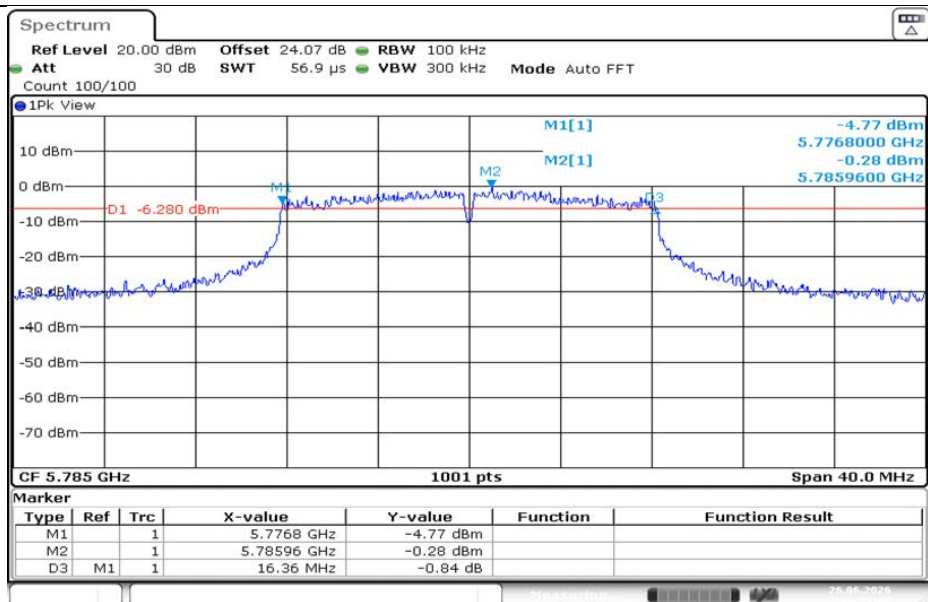
Test Mode	Antenna	Frequency[MHz]	6dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5745	16.40	5736.80	5753.20	0.5	PASS
11A-CDD	Ant2	5745	16.36	5736.80	5753.16	0.5	PASS
11A-CDD	Ant1	5785	16.36	5776.80	5793.16	0.5	PASS
11A-CDD	Ant2	5785	16.36	5776.80	5793.16	0.5	PASS
11A-CDD	Ant1	5825	16.32	5816.80	5833.12	0.5	PASS
11A-CDD	Ant2	5825	16.36	5816.80	5833.16	0.5	PASS
11N20MIMO	Ant1	5745	17.64	5736.16	5753.80	0.5	PASS
11N20MIMO	Ant2	5745	17.64	5736.16	5753.80	0.5	PASS
11N20MIMO	Ant1	5785	15.32	5777.20	5792.52	0.5	PASS
11N20MIMO	Ant2	5785	17.56	5776.20	5793.76	0.5	PASS
11N20MIMO	Ant1	5825	17.64	5816.16	5833.80	0.5	PASS
11N20MIMO	Ant2	5825	17.56	5816.20	5833.76	0.5	PASS
11N40MIMO	Ant1	5755	35.68	5737.08	5772.76	0.5	PASS
11N40MIMO	Ant2	5755	35.12	5737.40	5772.52	0.5	PASS
11N40MIMO	Ant1	5795	35.20	5777.40	5812.60	0.5	PASS
11N40MIMO	Ant2	5795	35.36	5777.80	5813.16	0.5	PASS
11AC20MIMO	Ant1	5745	17.60	5736.16	5753.76	0.5	PASS
11AC20MIMO	Ant2	5745	17.56	5736.20	5753.76	0.5	PASS
11AC20MIMO	Ant1	5785	15.08	5777.48	5792.56	0.5	PASS
11AC20MIMO	Ant2	5785	16.28	5776.84	5793.12	0.5	PASS
11AC20MIMO	Ant1	5825	13.88	5817.40	5831.28	0.5	PASS
11AC20MIMO	Ant2	5825	17.56	5816.20	5833.76	0.5	PASS
11AC40MIMO	Ant1	5755	33.84	5738.68	5772.52	0.5	PASS
11AC40MIMO	Ant2	5755	35.12	5737.40	5772.52	0.5	PASS
11AC40MIMO	Ant1	5795	35.20	5777.96	5813.16	0.5	PASS
11AC40MIMO	Ant2	5795	36.32	5776.84	5813.16	0.5	PASS
11AC80MIMO	Ant1	5775	67.68	5738.68	5806.36	0.5	PASS
11AC80MIMO	Ant2	5775	72.64	5739.96	5812.60	0.5	PASS
11AX20MIMO	Ant1	5745	17.96	5735.68	5753.64	0.5	PASS
11AX20MIMO	Ant2	5745	15.68	5736.92	5752.60	0.5	PASS
11AX20MIMO	Ant1	5785	18.52	5775.64	5794.16	0.5	PASS
11AX20MIMO	Ant2	5785	15.96	5776.56	5792.52	0.5	PASS
11AX20MIMO	Ant1	5825	17.00	5815.80	5832.80	0.5	PASS
11AX20MIMO	Ant2	5825	16.72	5816.32	5833.04	0.5	PASS
11AX40MIMO	Ant1	5755	37.12	5736.12	5773.24	0.5	PASS
11AX40MIMO	Ant2	5755	35.52	5737.48	5773.00	0.5	PASS
11AX40MIMO	Ant1	5795	36.48	5776.44	5812.92	0.5	PASS
11AX40MIMO	Ant2	5795	37.44	5776.20	5813.64	0.5	PASS
11AX80MIMO	Ant1	5775	70.08	5737.40	5807.48	0.5	PASS
11AX80MIMO	Ant2	5775	71.36	5739.96	5811.32	0.5	PASS



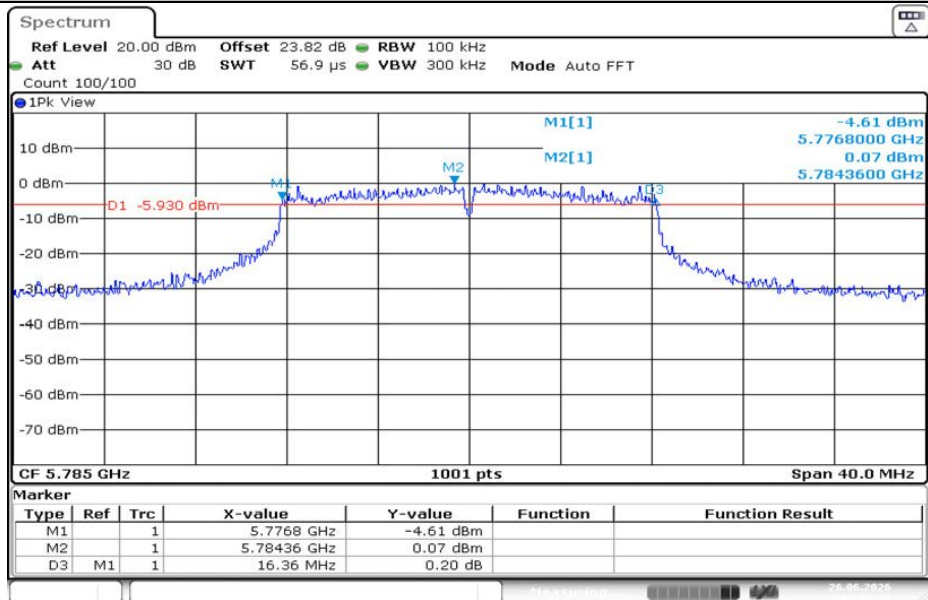
11A-CDD-Ant1-5745-PASS



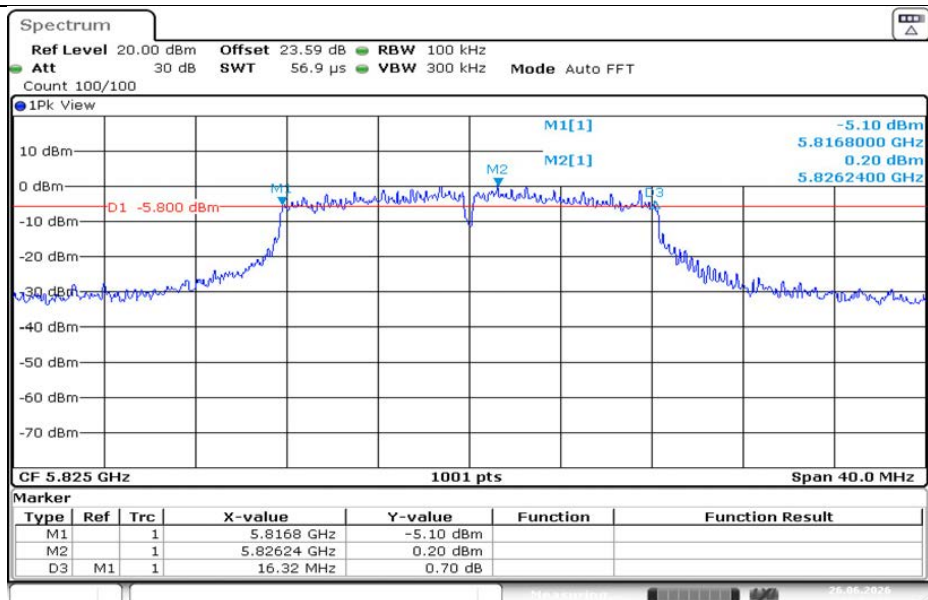
11A-CDD-Ant2-5745-PASS



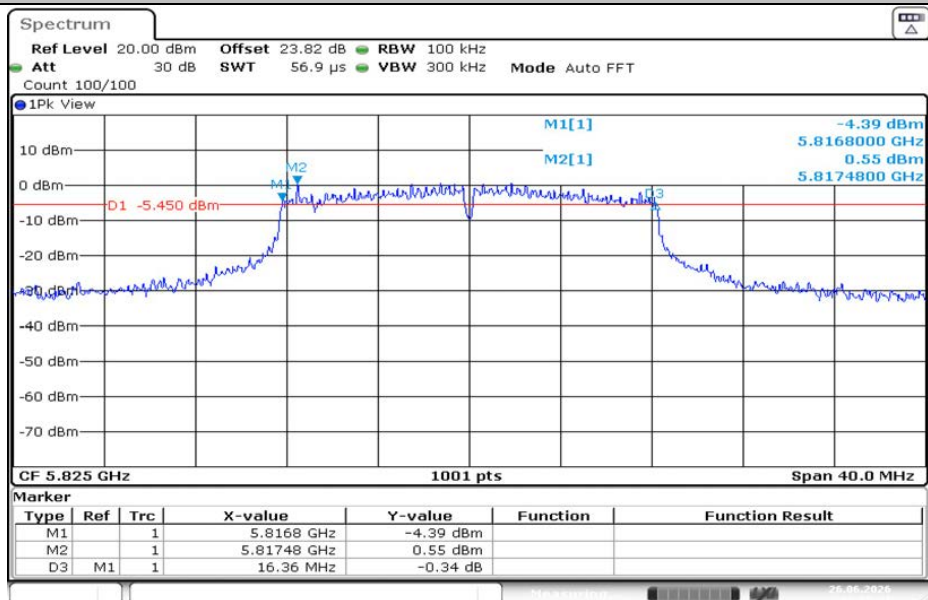
11A-CDD-Ant1-5785-PASS



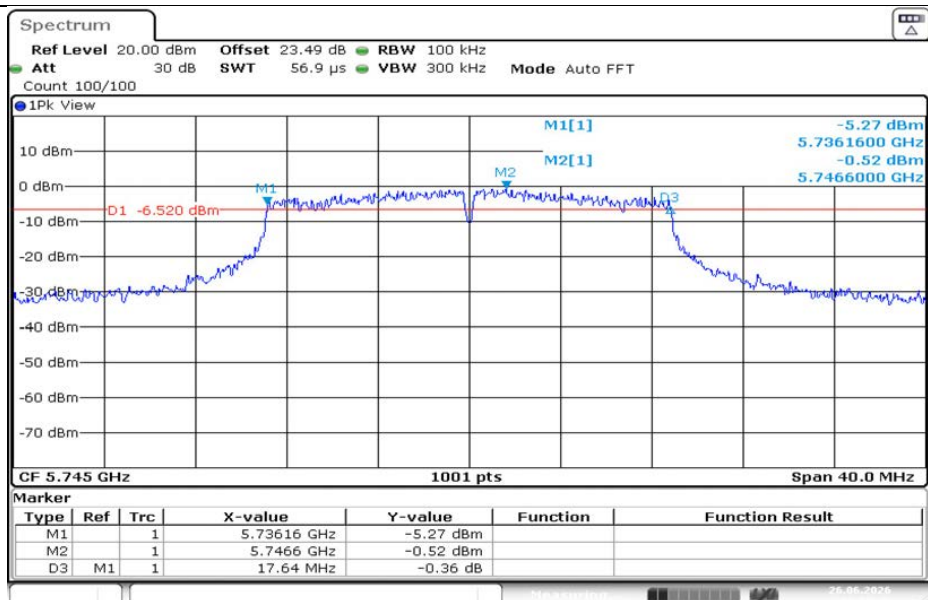
11A-CDD-Ant2-5785-PASS



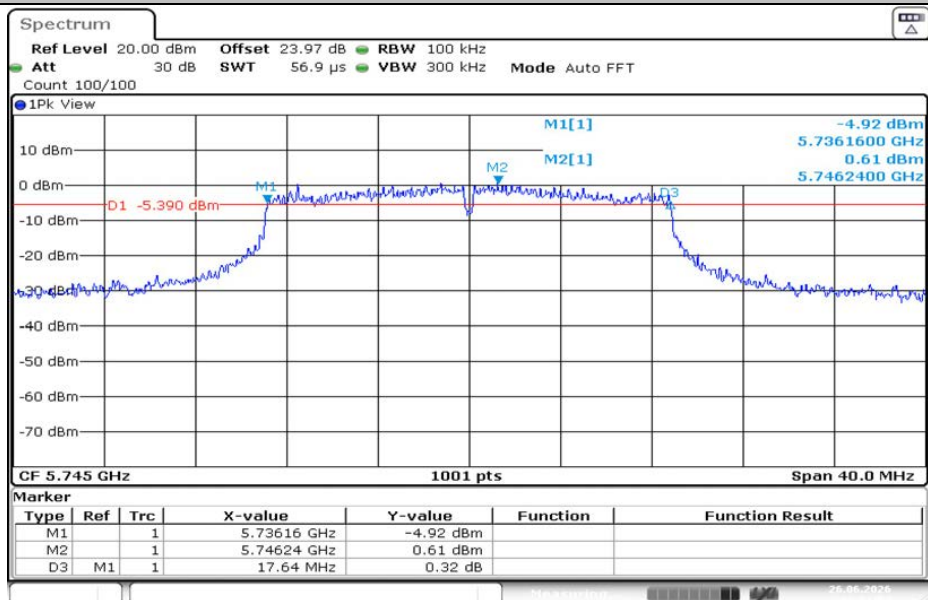
11A-CDD-Ant1-5825-PASS



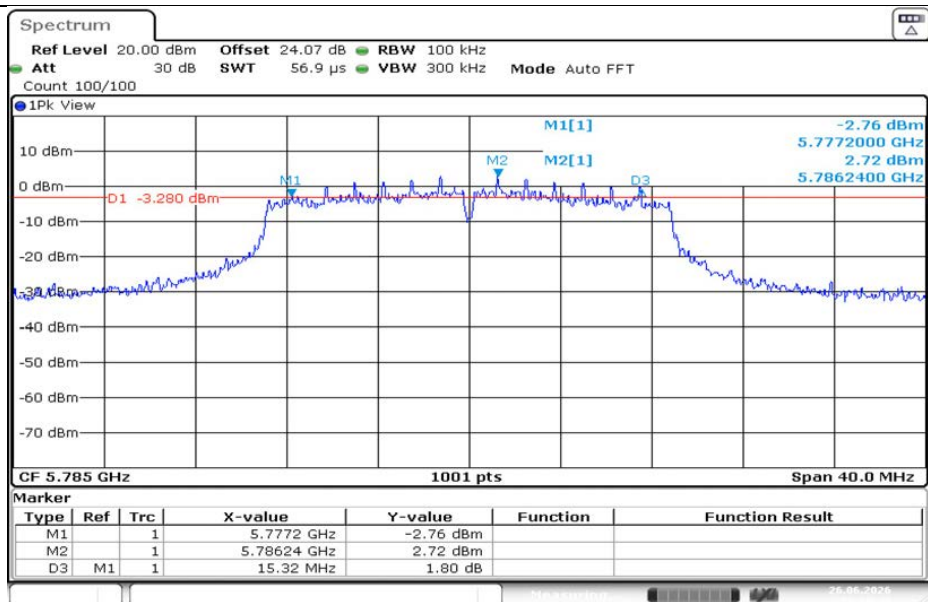
11A-CDD-Ant2-5825-PASS



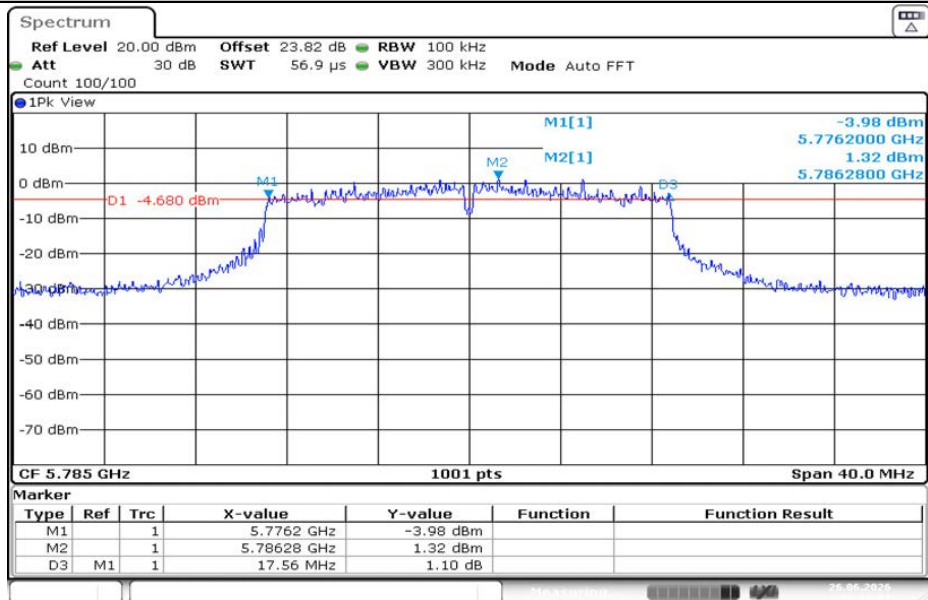
11N20MIMO-Ant1-5745-PASS



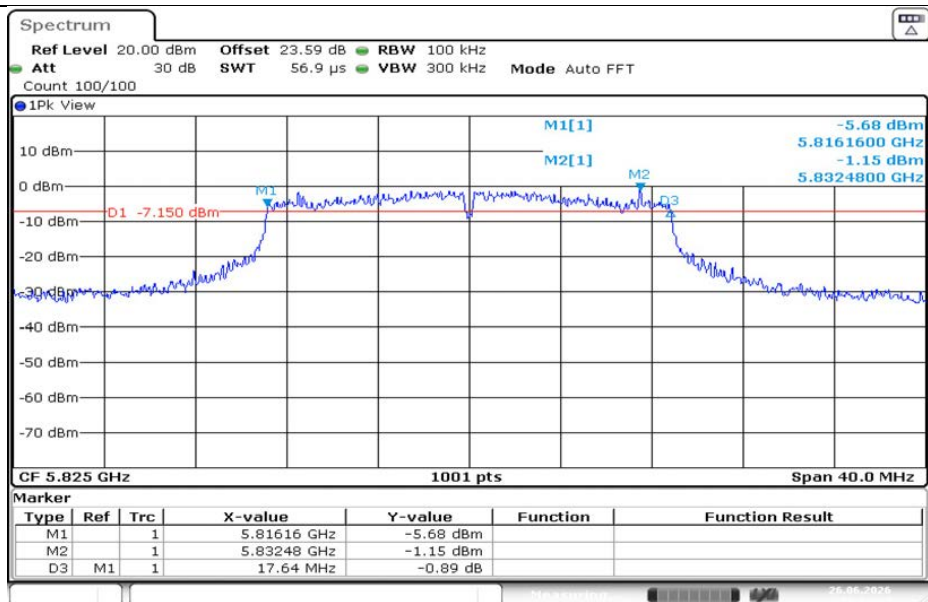
11N20MIMO-Ant2-5745-PASS



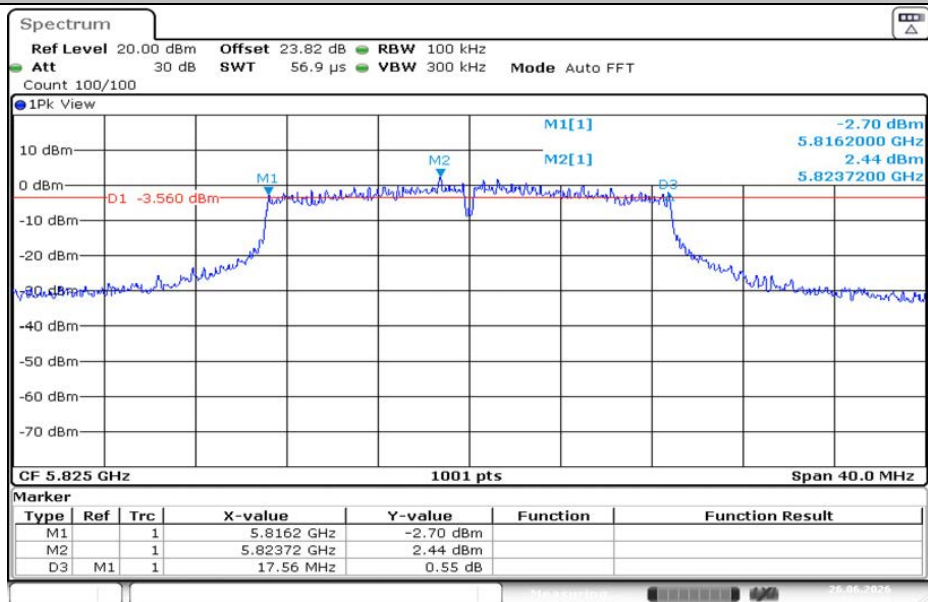
11N20MIMO-Ant1-5785-PASS



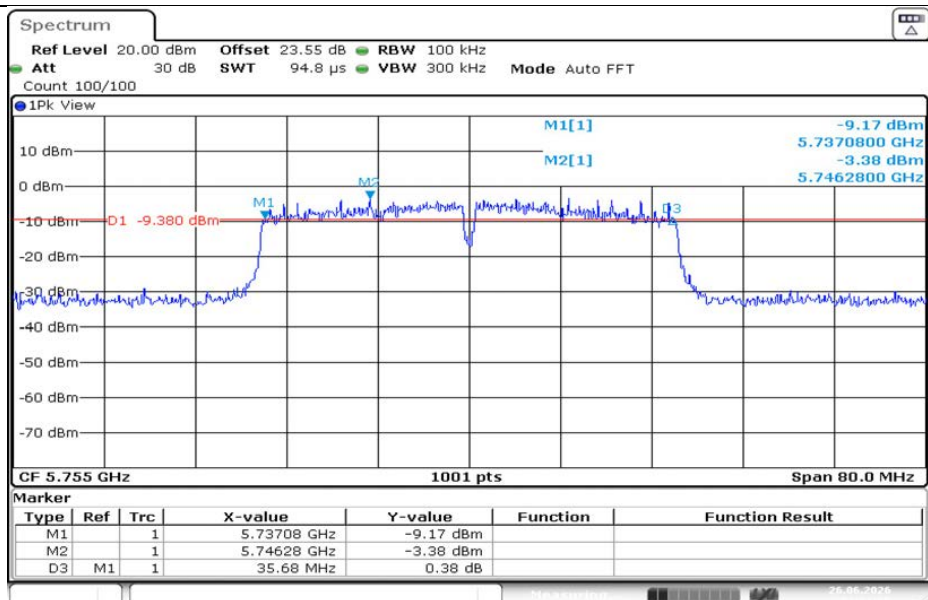
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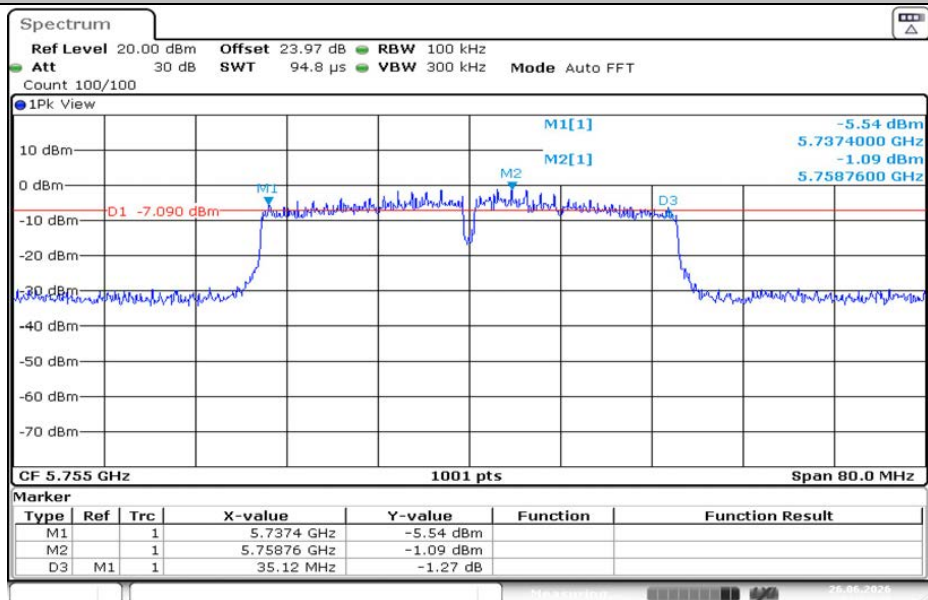
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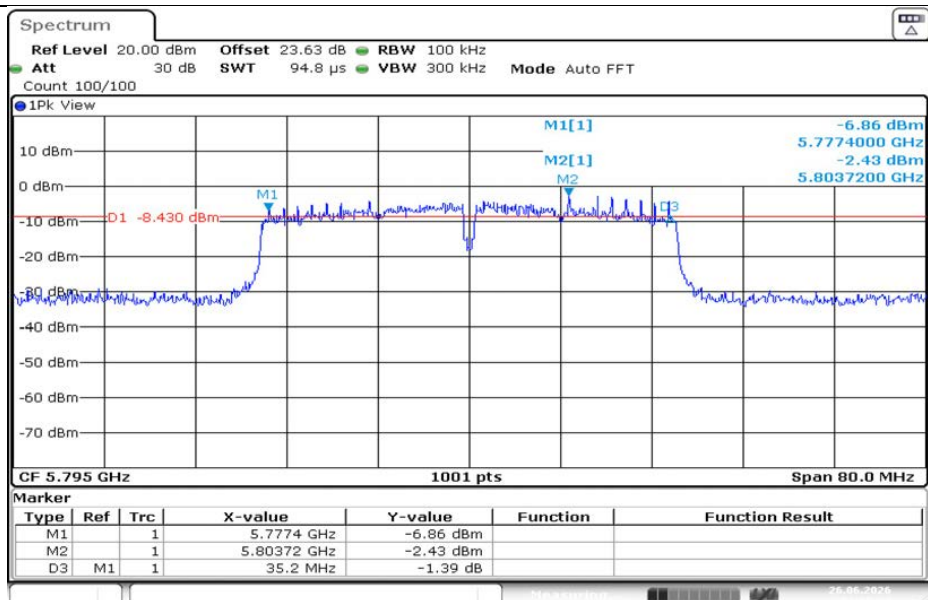
11N20MIMO-Ant2-5825-PASS



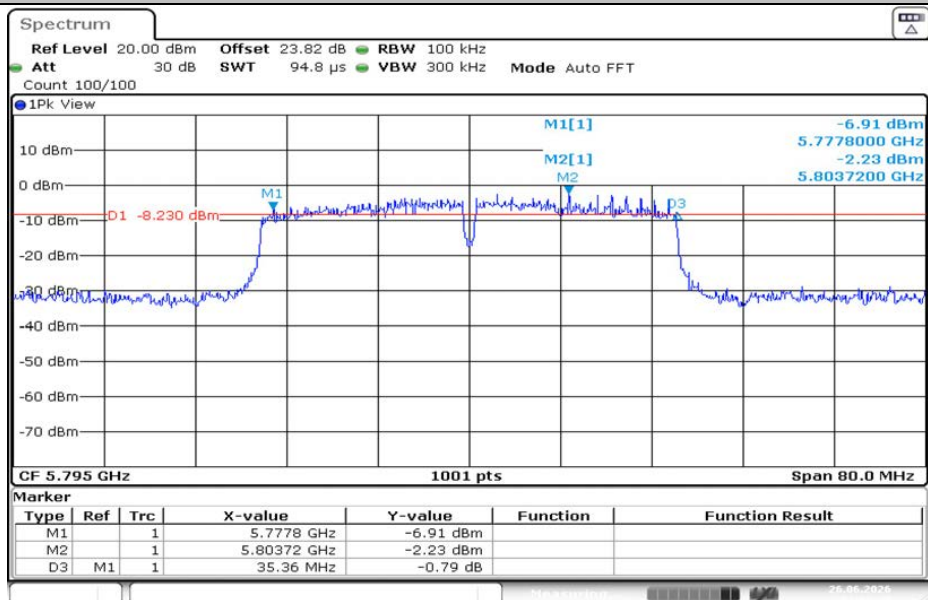
11N40MIMO-Ant1-5755-PASS



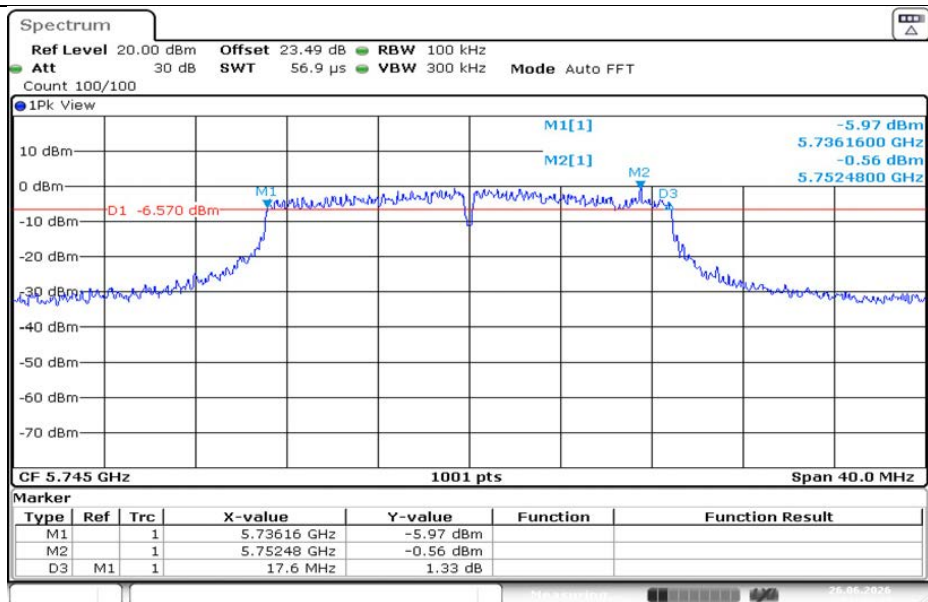
11N40MIMO-Ant2-5755-PASS



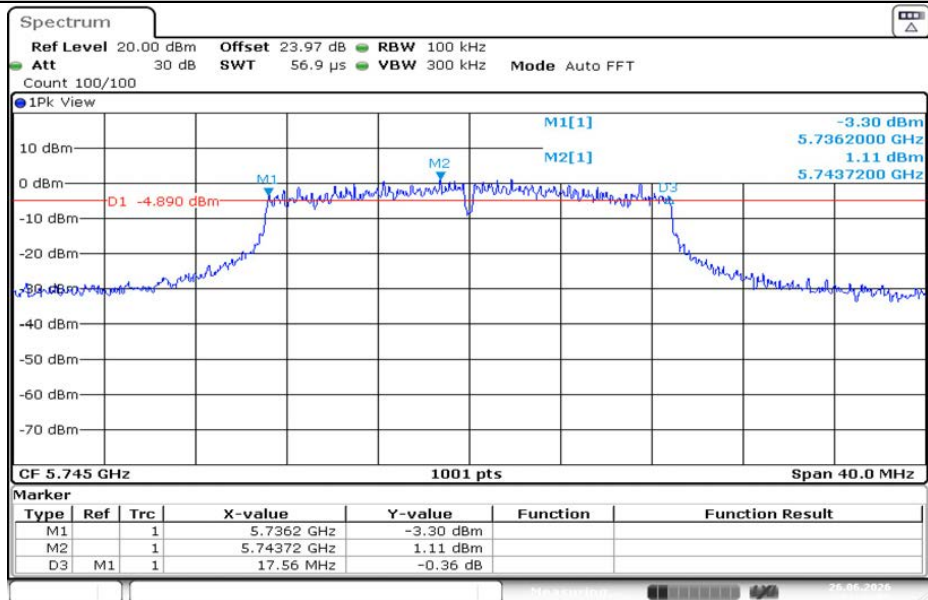
11N40MIMO-Ant1-5795-PASS



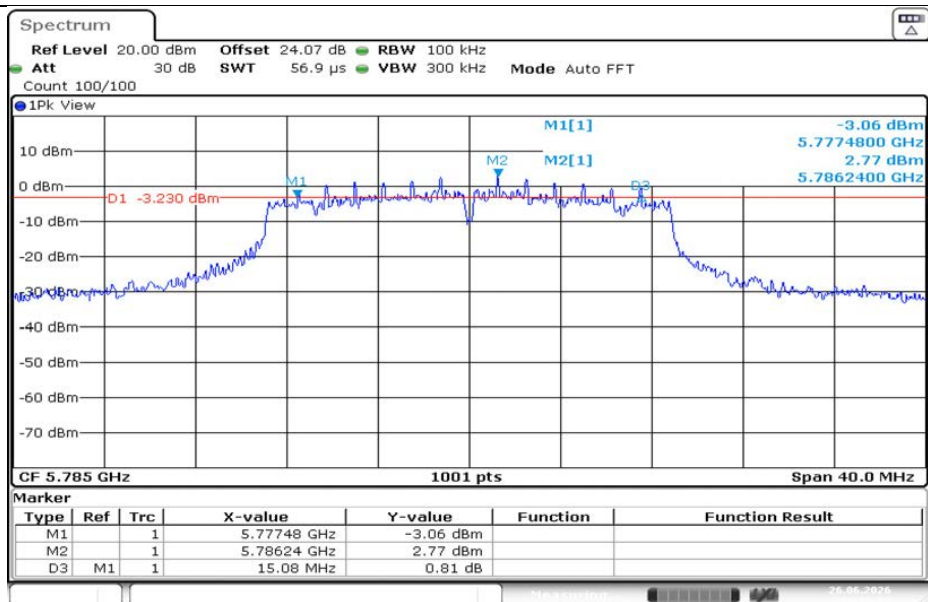
11N40MIMO-Ant2-5795-PASS



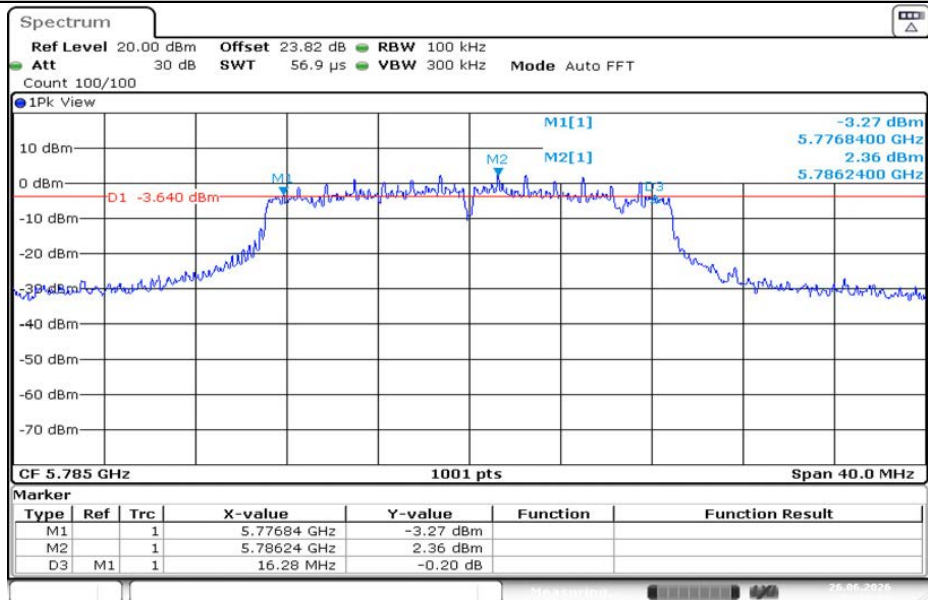
11AC20MIMO-Ant1-5745-PASS



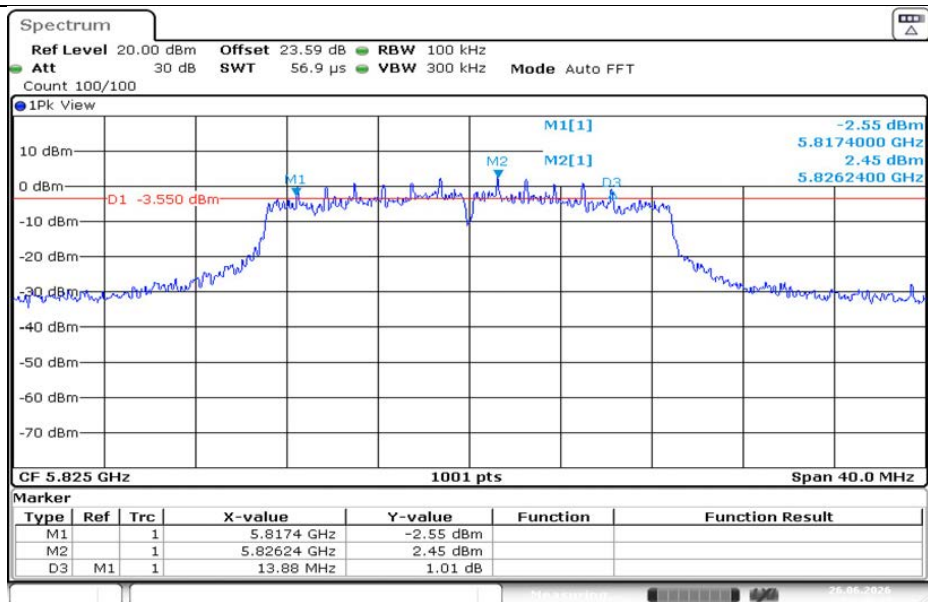
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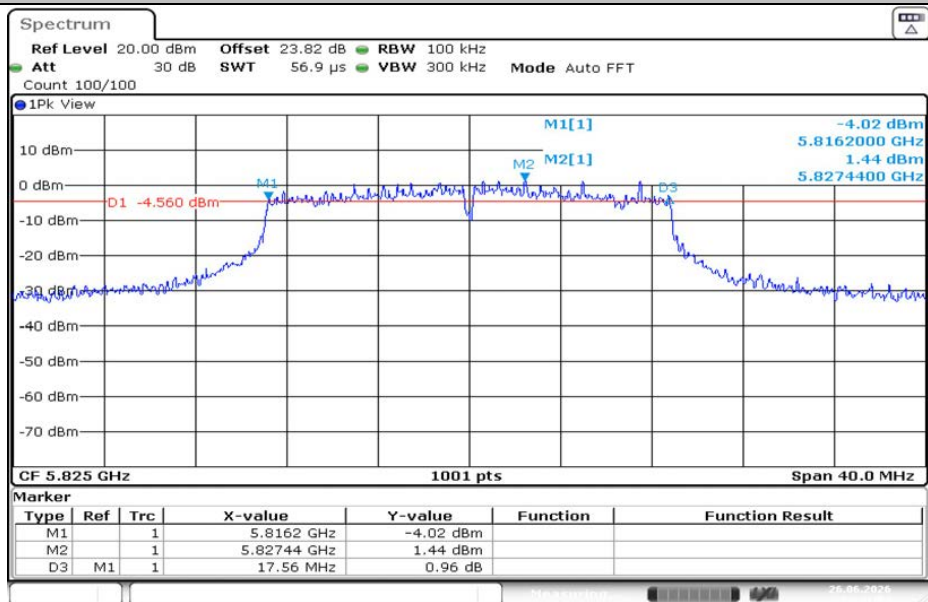
11AC20MIMO-Ant1-5785-PASS



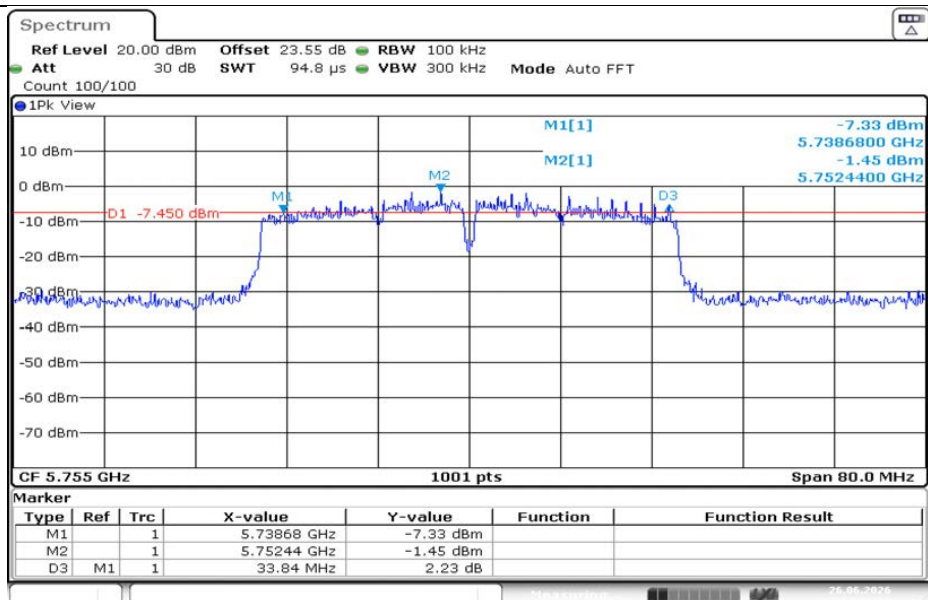
11AC20MIMO-Ant2-5785-PASS



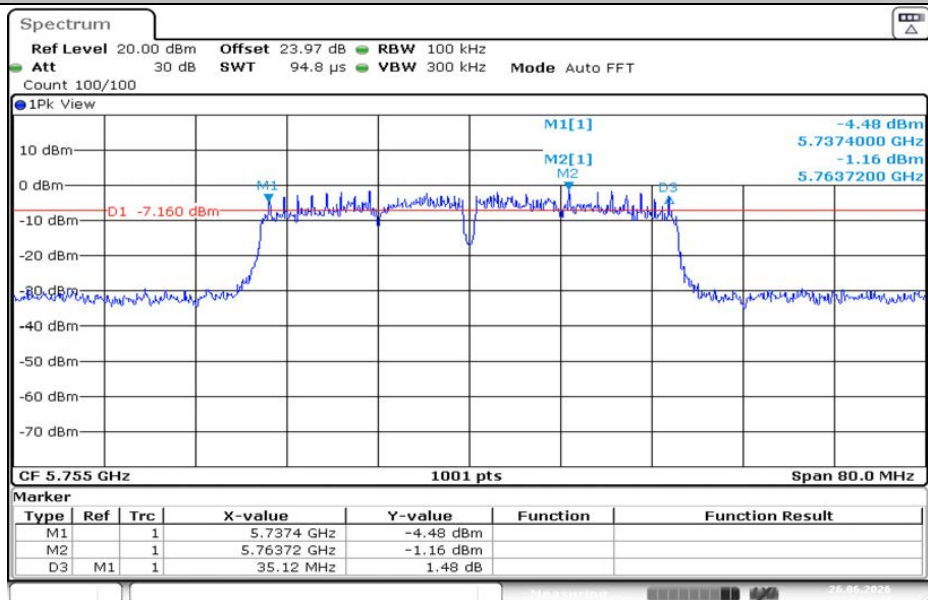
11AC20MIMO-Ant1-5825-PASS



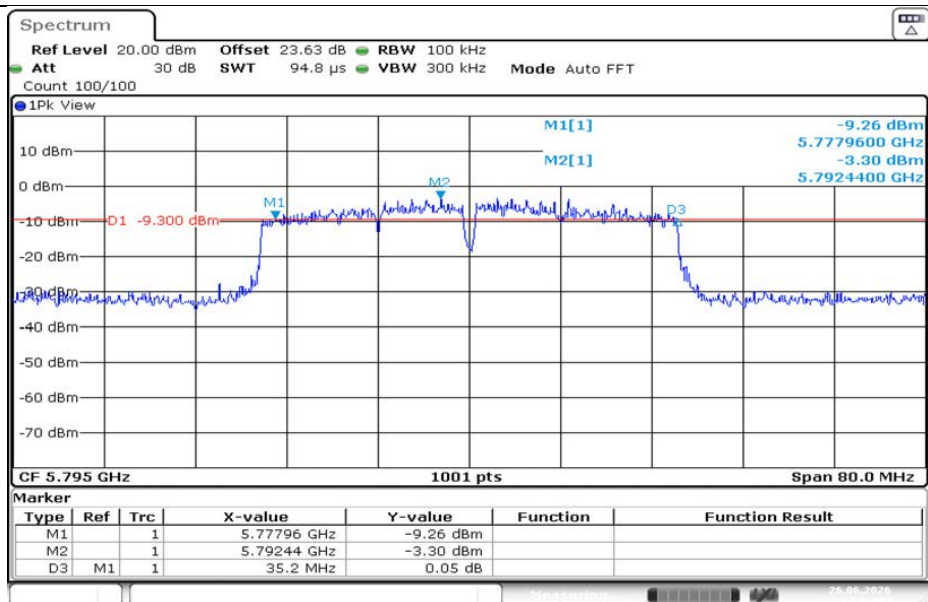
11AC20MIMO-Ant2-5825-PASS



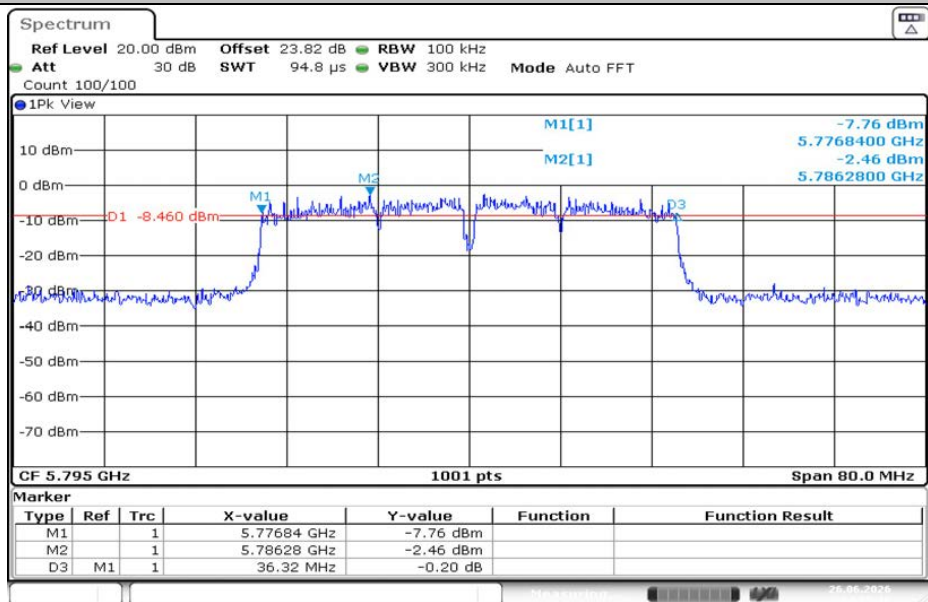
11AC40MIMO-Ant1-5755-PASS



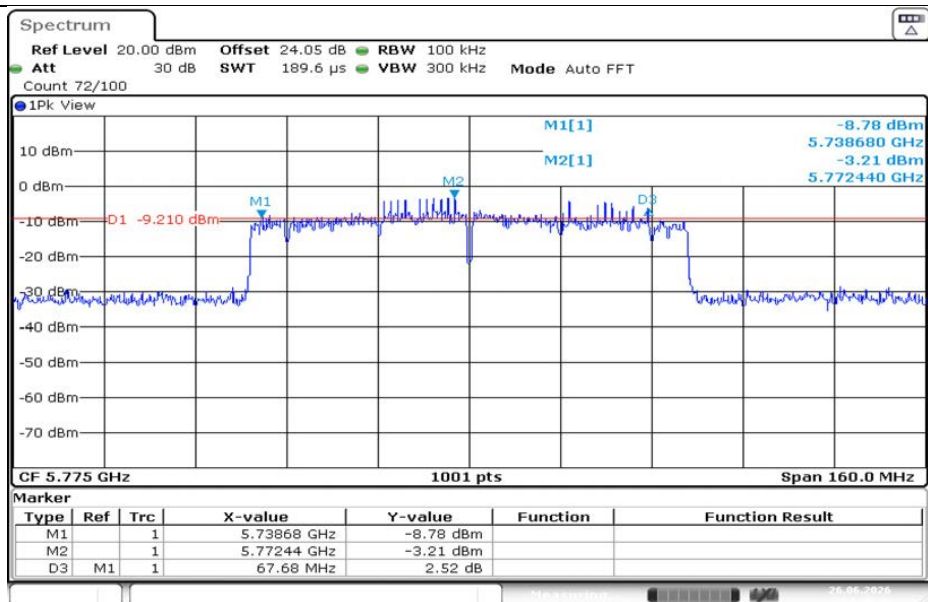
11AC40MIMO-Ant2-5755-PASS



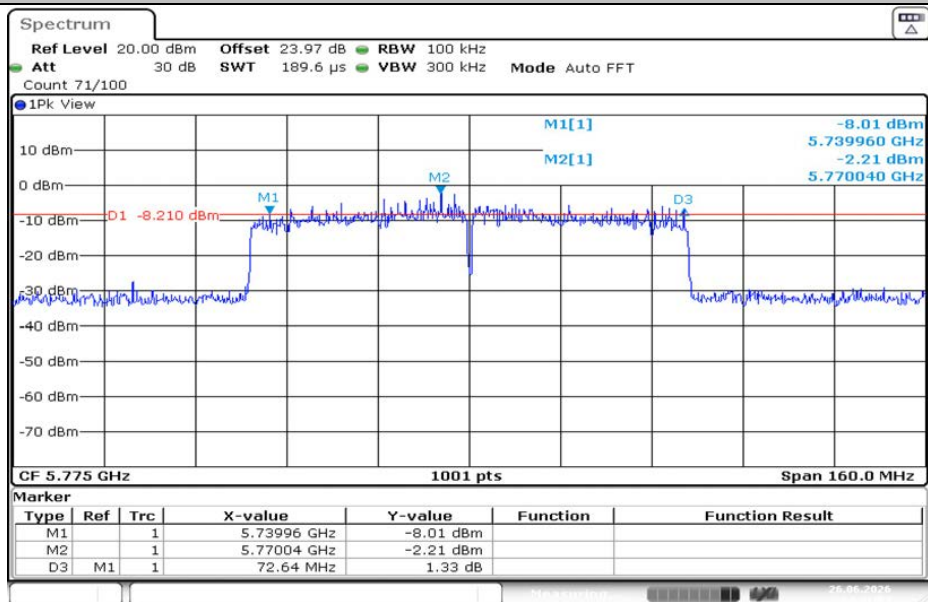
11AC40MIMO-Ant1-5795-PASS



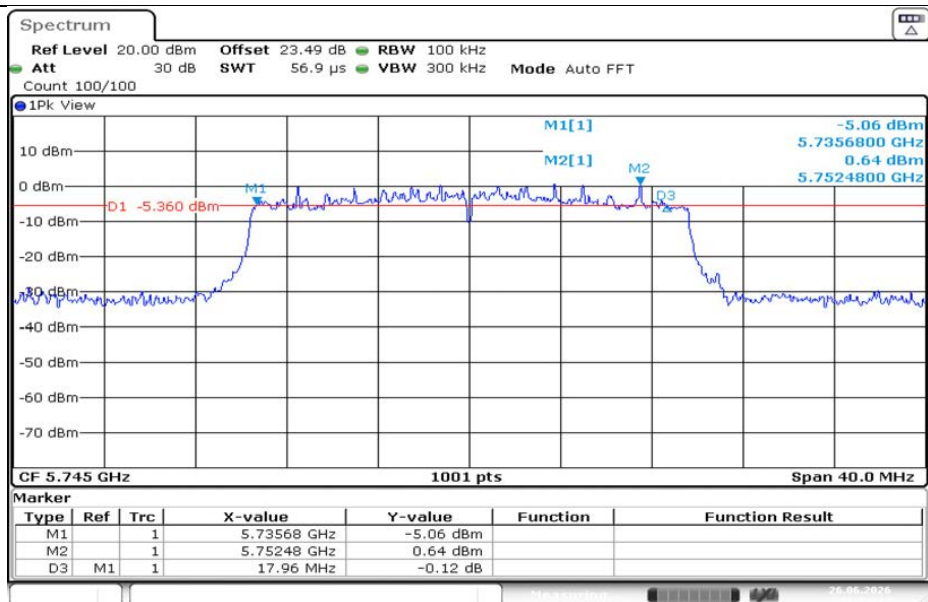
11AC40MIMO-Ant2-5795-PASS



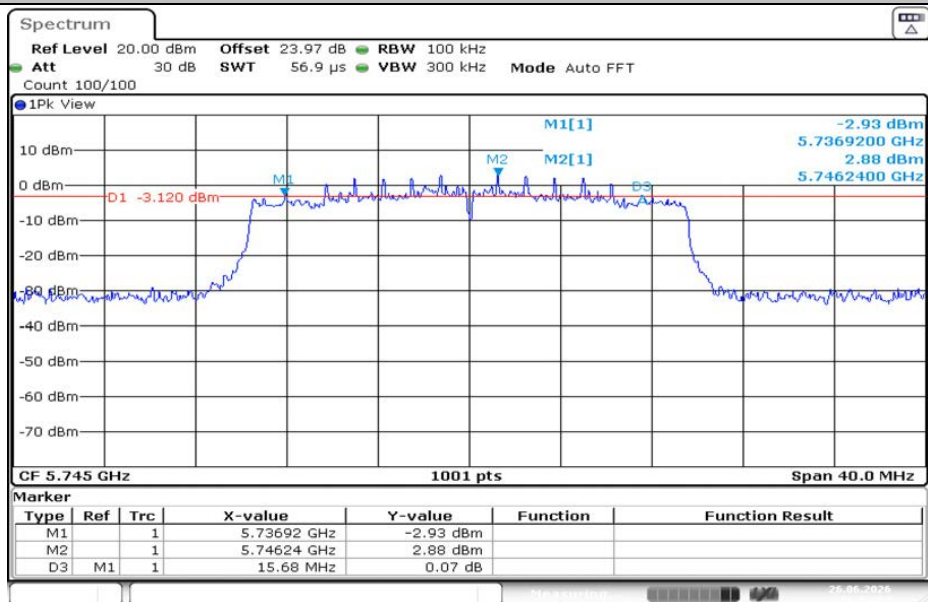
11AC80MIMO-Ant1-5775-PASS



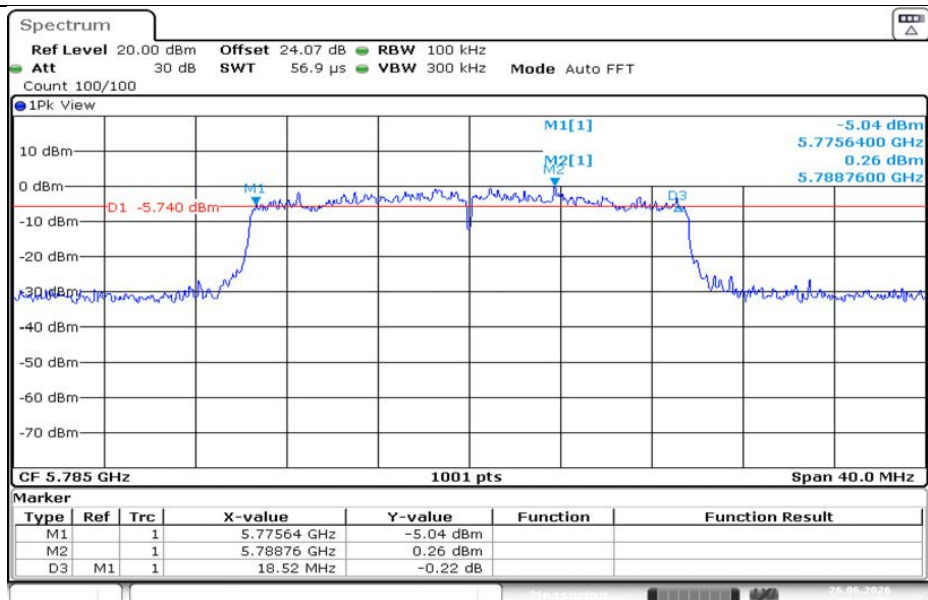
11AC80MIMO-Ant2-5775-PASS



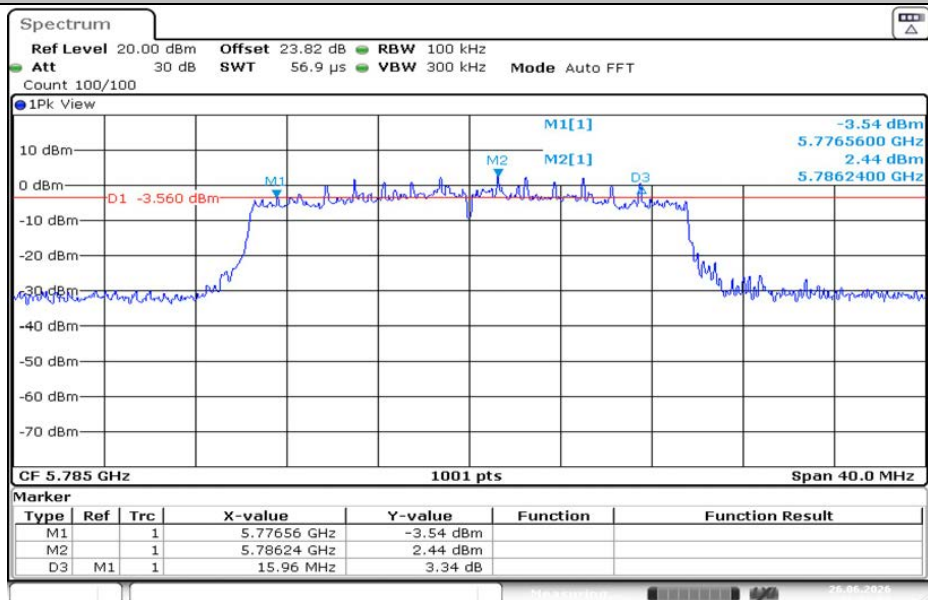
11AX20MIMO-Ant1-5745-PASS



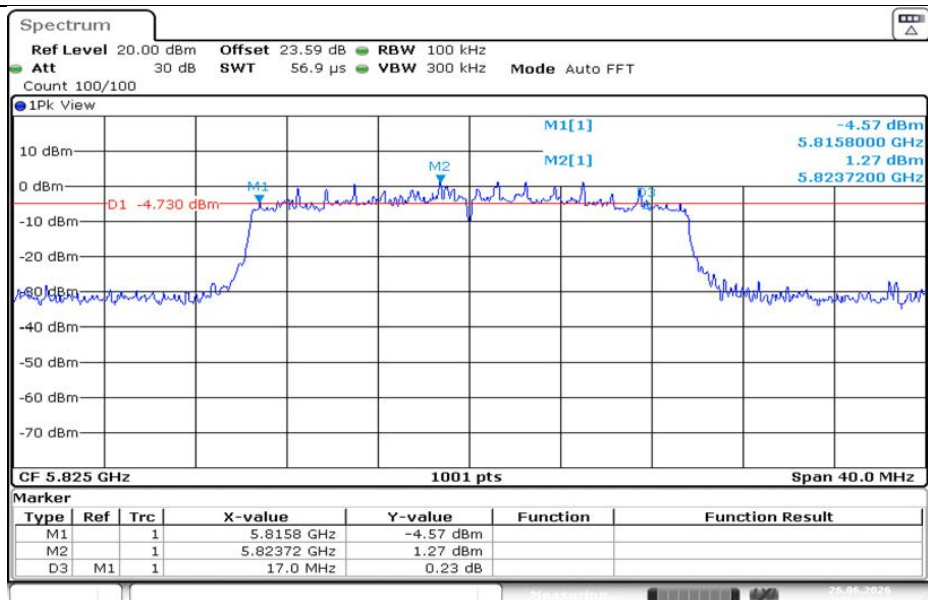
11AX20MIMO-Ant2-5745-PASS



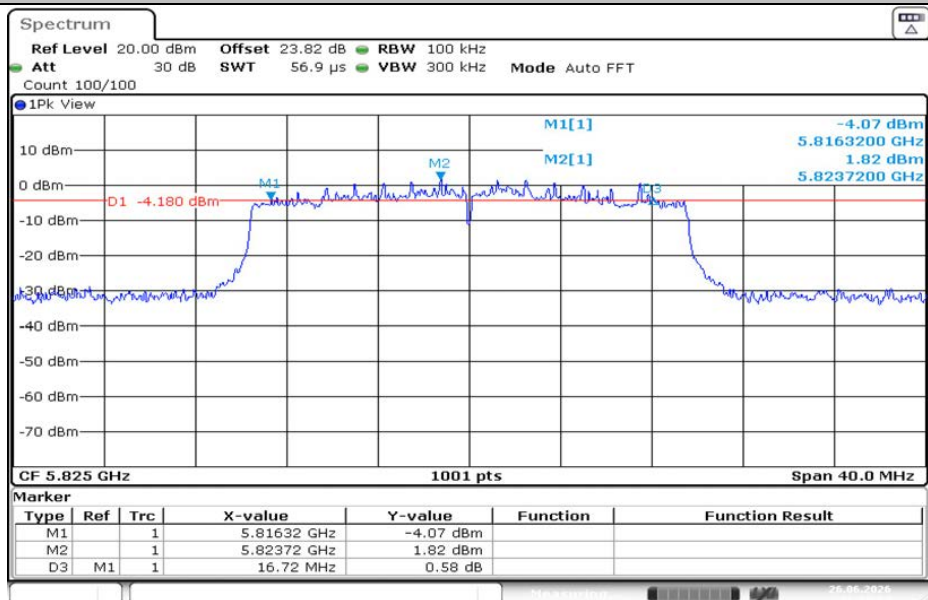
11AX20MIMO-Ant1-5785-PASS



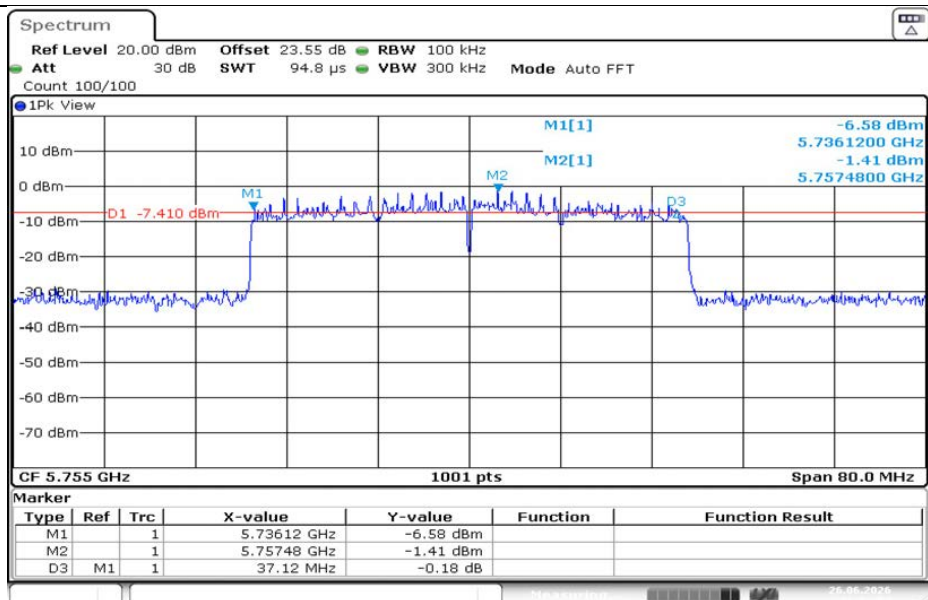
11AX20MIMO-Ant2-5785-PASS



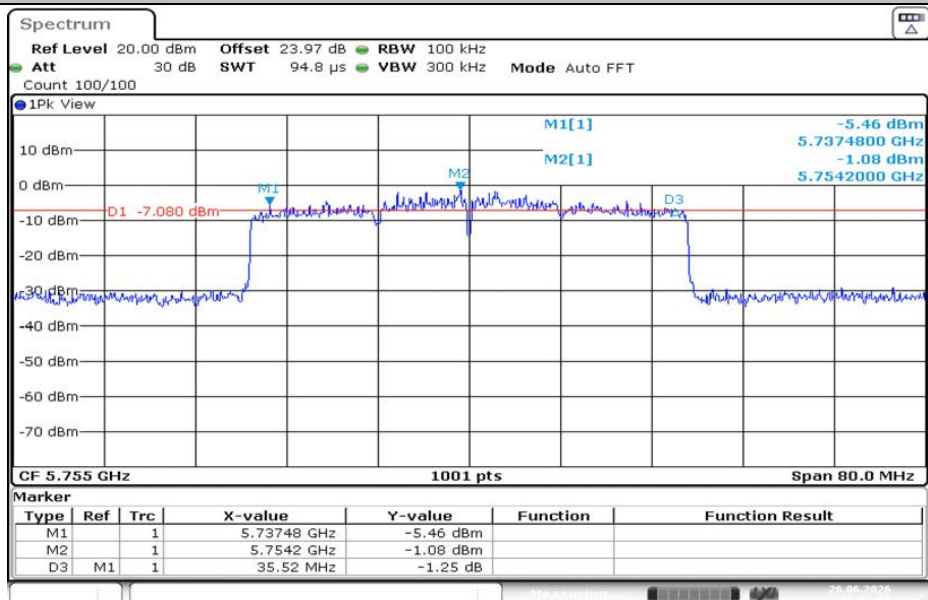
11AX20MIMO-Ant1-5825-PASS



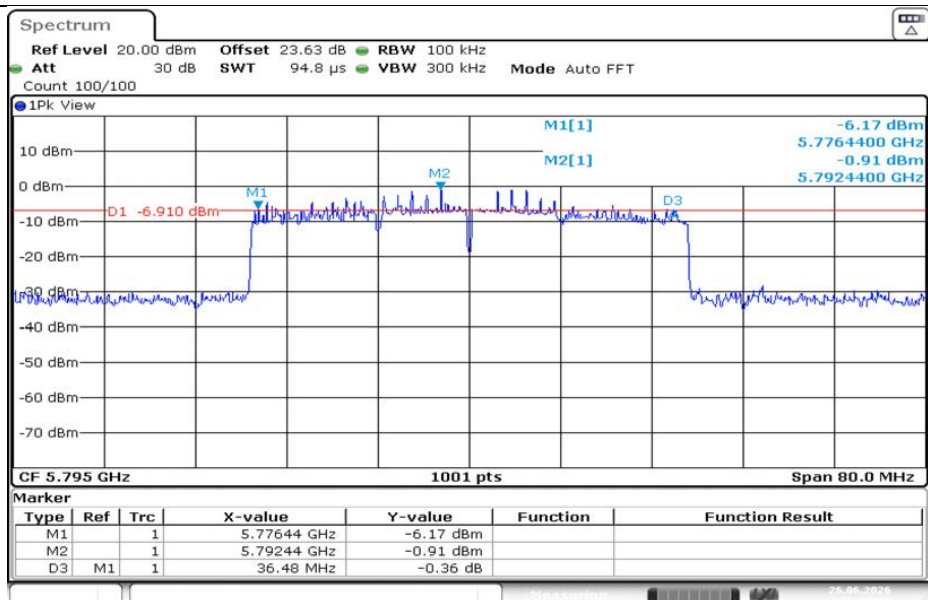
11AX20MIMO-Ant2-5825-PASS



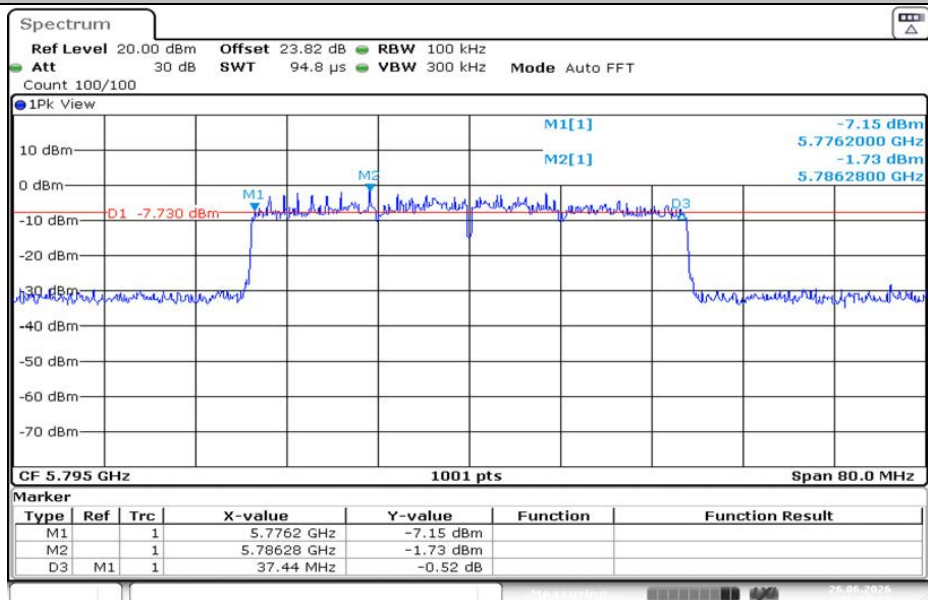
11AX40MIMO-Ant1-5755-PASS



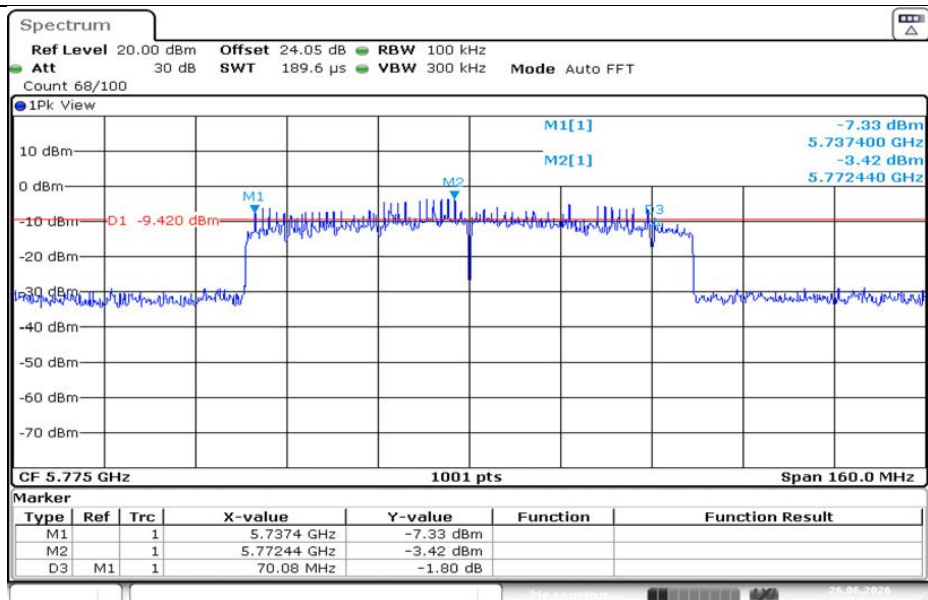
11AX40MIMO-Ant2-5755-PASS



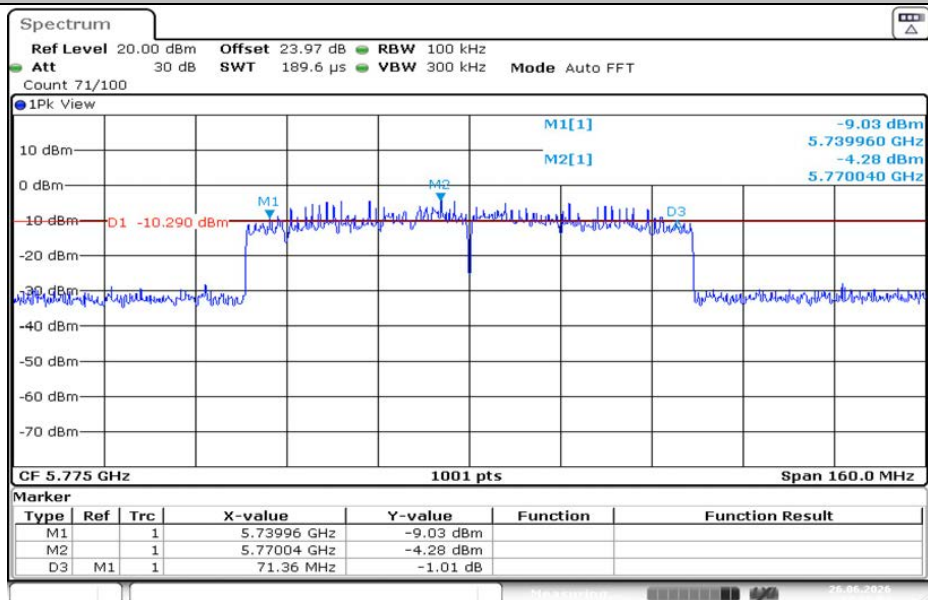
11AX40MIMO-Ant1-5795-PASS



11AX40MIMO-Ant2-5795-PASS



11AX80MIMO-Ant1-5775-PASS



11AX80MIMO-Ant2-5775-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	adb.exe		
Frequency (MHz)	5180	5200	5240
IEEE 802.11a	Default	Default	Default
IEEE 802.11n20	Default	Default	Default
IEEE 802.11ac20	Default	Default	Default
IEEE 802.11ax20	Default	Default	Default
Frequency (MHz)	5190	5230	
IEEE 802.11n40	Default	Default	
IEEE 802.11ac40	Default	Default	
IEEE 802.11ax40	Default	Default	
Frequency (MHz)	5210		
IEEE 802.11ac80	Default		
IEEE 802.11ax80	Default		

UNII-2A			
Test Software Version	adb.exe		
Frequency (MHz)	5260	5280	5320
IEEE 802.11a	Default	Default	Default
IEEE 802.11n20	Default	Default	Default
IEEE 802.11ac20	Default	Default	Default
IEEE 802.11ax20	Default	Default	Default
Frequency (MHz)	5270	5310	
IEEE 802.11n40	Default	Default	
IEEE 802.11ac40	Default	Default	
IEEE 802.11ax40	Default	Default	
Frequency (MHz)	5290		
IEEE 802.11ac80	Default		
IEEE 802.11ax80	Default		

UNII-2C			
Test Software Version	adb.exe		
Frequency (MHz)	5500	5580	5700
IEEE 802.11a	Default	Default	Default
IEEE 802.11n20	Default	Default	Default
IEEE 802.11ac20	Default	Default	Default
IEEE 802.11ax20	Default	Default	Default
Frequency (MHz)	5510	5550	5670
IEEE 802.11n40	Default	Default	Default
IEEE 802.11ac40	Default	Default	Default
IEEE 802.11ax40	Default	Default	Default
Frequency (MHz)	5530	5610	
IEEE 802.11ac80	Default	Default	
IEEE 802.11ax80	Default	Default	

UNII-3			
Test Software Version	adb.exe		
Frequency (MHz)	5745	5785	5825
IEEE 802.11a	Default	Default	Default
IEEE 802.11n20	Default	Default	Default
IEEE 802.11ac20	Default	Default	Default
IEEE 802.11ax20	Default	Default	Default
Frequency (MHz)	5755	5795	
IEEE 802.11n40	Default	Default	
IEEE 802.11ac40	Default	Default	
IEEE 802.11ax40	Default	Default	
Frequency (MHz)	5775		
IEEE 802.11ac80	Default		
IEEE 802.11ax80	Default		

3.4.5 The Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11A-CDD	Ant1	5180	10.04	≤23.98	PASS
11A-CDD	Ant2	5180	9.52	≤23.98	PASS
11A-CDD	total	5180	12.80	≤23.98	PASS
11A-CDD	Ant1	5200	10.17	≤23.98	PASS
11A-CDD	Ant2	5200	9.36	≤23.98	PASS
11A-CDD	total	5200	12.79	≤23.98	PASS
11A-CDD	Ant1	5240	9.98	≤23.98	PASS
11A-CDD	Ant2	5240	8.76	≤23.98	PASS
11A-CDD	total	5240	12.42	≤23.98	PASS
11A-CDD	Ant1	5260	12.57	≤23.98	PASS
11A-CDD	Ant2	5260	11.37	≤23.98	PASS
11A-CDD	total	5260	15.02	≤23.98	PASS
11A-CDD	Ant1	5280	12.58	≤23.98	PASS
11A-CDD	Ant2	5280	11.37	≤23.98	PASS
11A-CDD	total	5280	15.03	≤23.98	PASS
11A-CDD	Ant1	5320	12.45	≤23.98	PASS
11A-CDD	Ant2	5320	12.00	≤23.98	PASS
11A-CDD	total	5320	15.24	≤23.98	PASS
11A-CDD	Ant1	5500	13.01	≤23.98	PASS
11A-CDD	Ant2	5500	12.79	≤23.98	PASS
11A-CDD	total	5500	15.91	≤23.98	PASS
11A-CDD	Ant1	5580	13.00	≤23.98	PASS
11A-CDD	Ant2	5580	13.34	≤23.98	PASS
11A-CDD	total	5580	16.18	≤23.98	PASS
11A-CDD	Ant1	5700	13.02	≤23.98	PASS
11A-CDD	Ant2	5700	13.58	≤23.98	PASS
11A-CDD	total	5700	16.32	≤23.98	PASS
11A-CDD	Ant1	5745	12.96	≤30.00	PASS
11A-CDD	Ant2	5745	13.64	≤30.00	PASS
11A-CDD	total	5745	16.32	≤30.00	PASS
11A-CDD	Ant1	5785	13.00	≤30.00	PASS
11A-CDD	Ant2	5785	13.21	≤30.00	PASS
11A-CDD	total	5785	16.12	≤30.00	PASS
11A-CDD	Ant1	5825	12.71	≤30.00	PASS
11A-CDD	Ant2	5825	13.70	≤30.00	PASS
11A-CDD	total	5825	16.24	≤30.00	PASS
11N20MIMO	Ant1	5180	9.94	≤23.98	PASS
11N20MIMO	Ant2	5180	9.47	≤23.98	PASS
11N20MIMO	total	5180	12.72	≤23.98	PASS
11N20MIMO	Ant1	5200	10.12	≤23.98	PASS
11N20MIMO	Ant2	5200	9.25	≤23.98	PASS
11N20MIMO	total	5200	12.72	≤23.98	PASS

11N20MIMO	Ant1	5240	10.31	≤23.98	PASS
11N20MIMO	Ant2	5240	9.10	≤23.98	PASS
11N20MIMO	total	5240	12.76	≤23.98	PASS
11N20MIMO	Ant1	5260	13.17	≤23.98	PASS
11N20MIMO	Ant2	5260	12.00	≤23.98	PASS
11N20MIMO	total	5260	15.63	≤23.98	PASS
11N20MIMO	Ant1	5280	13.15	≤23.98	PASS
11N20MIMO	Ant2	5280	11.96	≤23.98	PASS
11N20MIMO	total	5280	15.61	≤23.98	PASS
11N20MIMO	Ant1	5320	13.01	≤23.98	PASS
11N20MIMO	Ant2	5320	12.50	≤23.98	PASS
11N20MIMO	total	5320	15.77	≤23.98	PASS
11N20MIMO	Ant1	5500	13.47	≤23.98	PASS
11N20MIMO	Ant2	5500	13.43	≤23.98	PASS
11N20MIMO	total	5500	16.46	≤23.98	PASS
11N20MIMO	Ant1	5580	13.57	≤23.98	PASS
11N20MIMO	Ant2	5580	14.04	≤23.98	PASS
11N20MIMO	total	5580	16.82	≤23.98	PASS
11N20MIMO	Ant1	5700	13.50	≤23.98	PASS
11N20MIMO	Ant2	5700	14.08	≤23.98	PASS
11N20MIMO	total	5700	16.81	≤23.98	PASS
11N20MIMO	Ant1	5745	13.43	≤30.00	PASS
11N20MIMO	Ant2	5745	14.19	≤30.00	PASS
11N20MIMO	total	5745	16.84	≤30.00	PASS
11N20MIMO	Ant1	5785	13.39	≤30.00	PASS
11N20MIMO	Ant2	5785	13.61	≤30.00	PASS
11N20MIMO	total	5785	16.51	≤30.00	PASS
11N20MIMO	Ant1	5825	13.09	≤30.00	PASS
11N20MIMO	Ant2	5825	14.11	≤30.00	PASS
11N20MIMO	total	5825	16.64	≤30.00	PASS
11N40MIMO	Ant1	5190	12.36	≤23.98	PASS
11N40MIMO	Ant2	5190	11.85	≤23.98	PASS
11N40MIMO	total	5190	15.12	≤23.98	PASS
11N40MIMO	Ant1	5230	12.54	≤23.98	PASS
11N40MIMO	Ant2	5230	11.70	≤23.98	PASS
11N40MIMO	total	5230	15.15	≤23.98	PASS
11N40MIMO	Ant1	5270	12.56	≤23.98	PASS
11N40MIMO	Ant2	5270	11.39	≤23.98	PASS
11N40MIMO	total	5270	15.02	≤23.98	PASS
11N40MIMO	Ant1	5310	12.65	≤23.98	PASS
11N40MIMO	Ant2	5310	12.15	≤23.98	PASS
11N40MIMO	total	5310	15.42	≤23.98	PASS
11N40MIMO	Ant1	5510	12.65	≤23.98	PASS
11N40MIMO	Ant2	5510	12.92	≤23.98	PASS