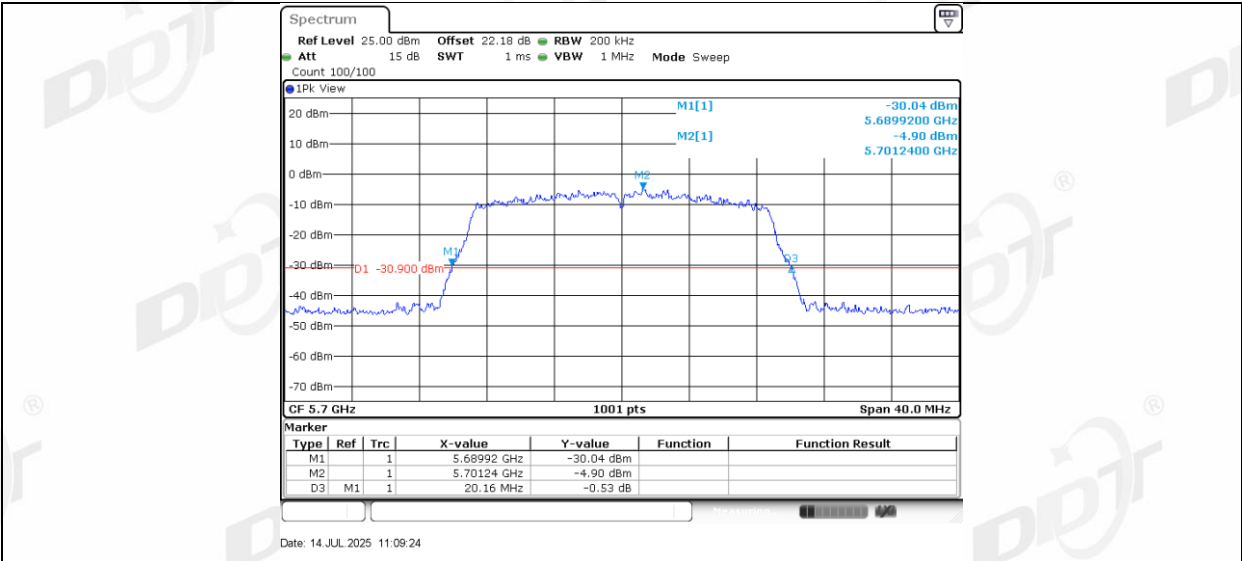
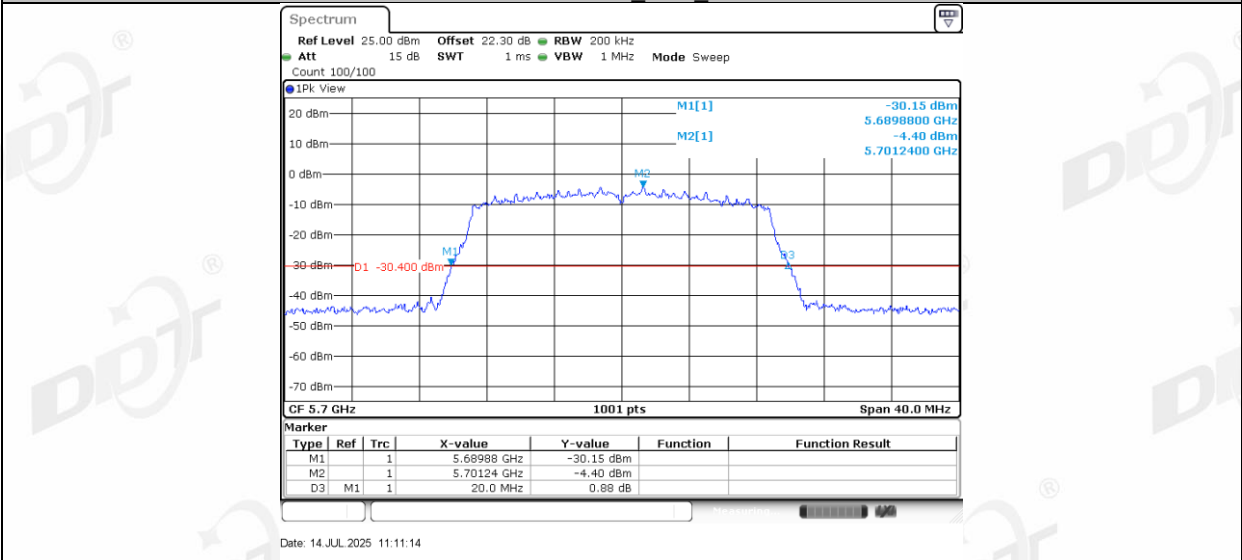
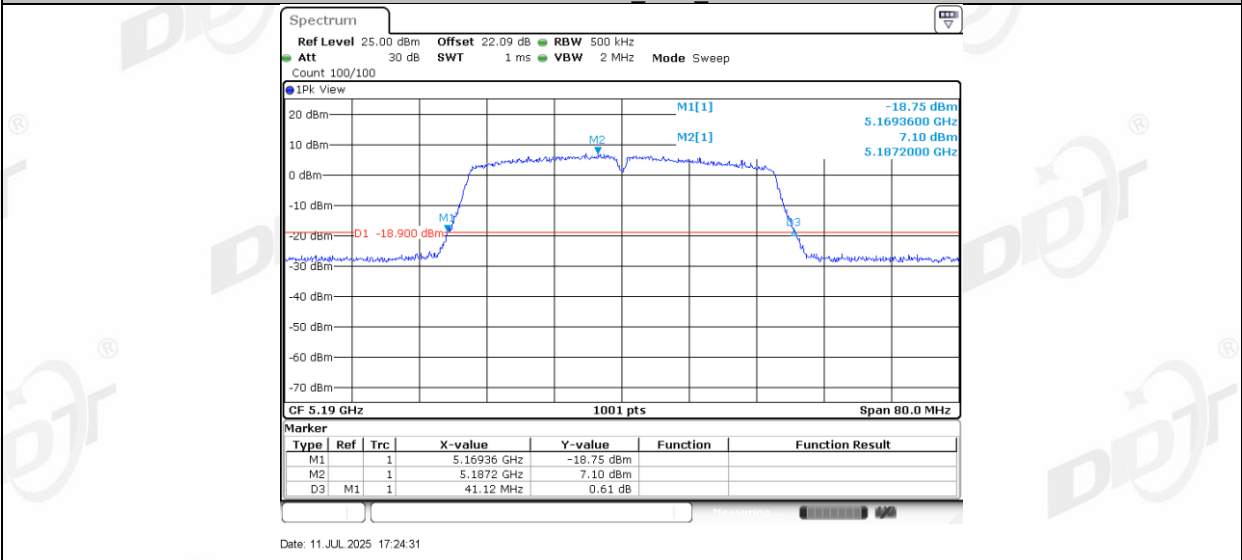




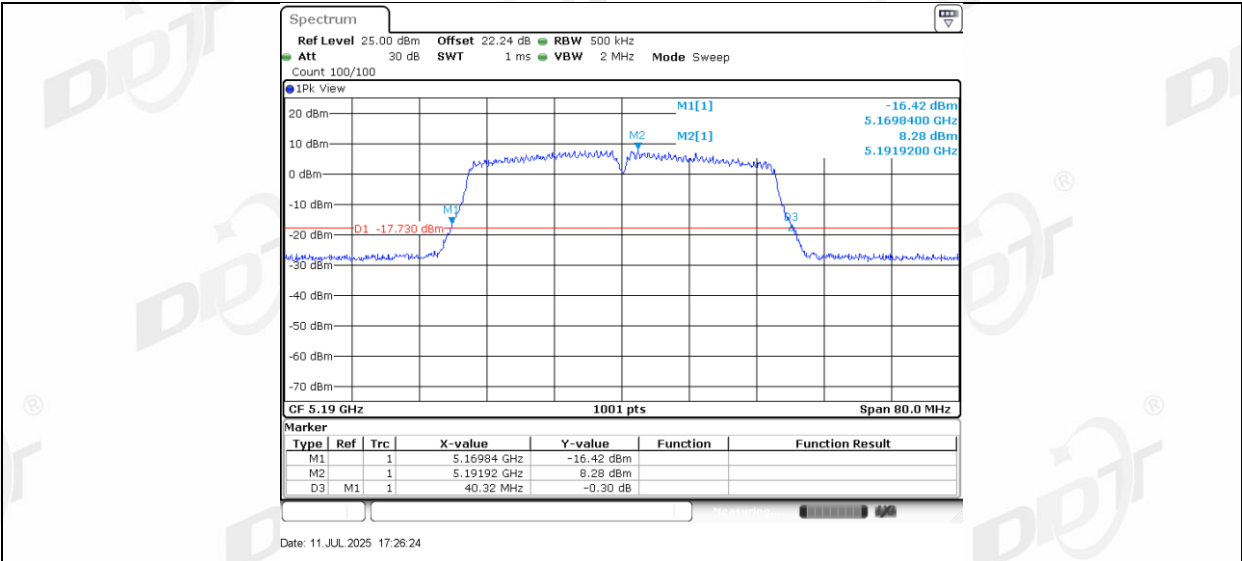
11AC20MIMO_Ant2_5700



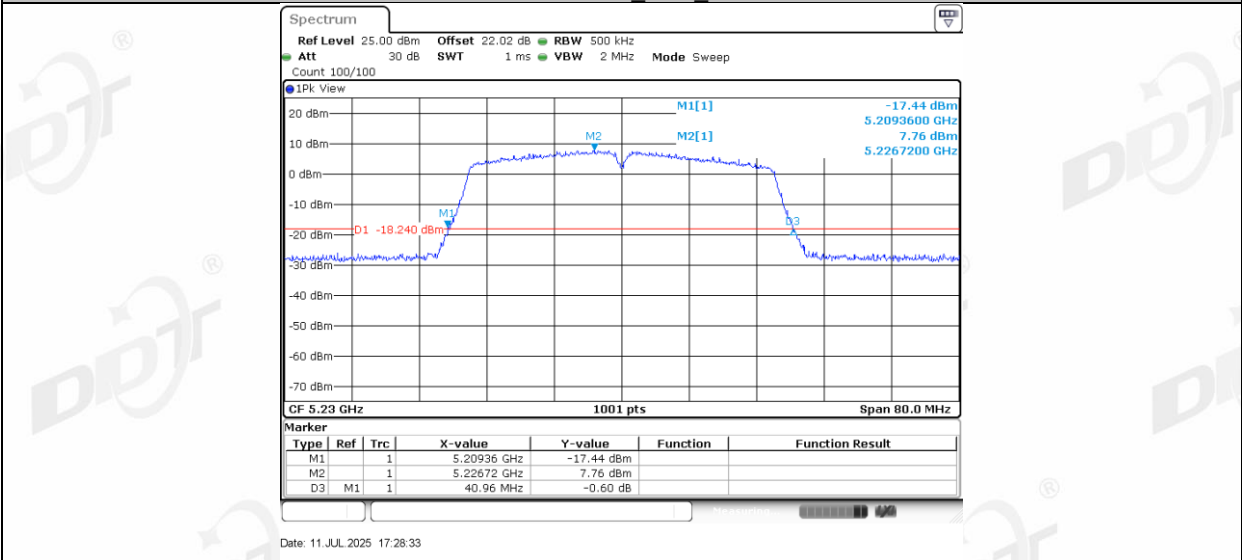
11AC40MIMO_Ant1_5190



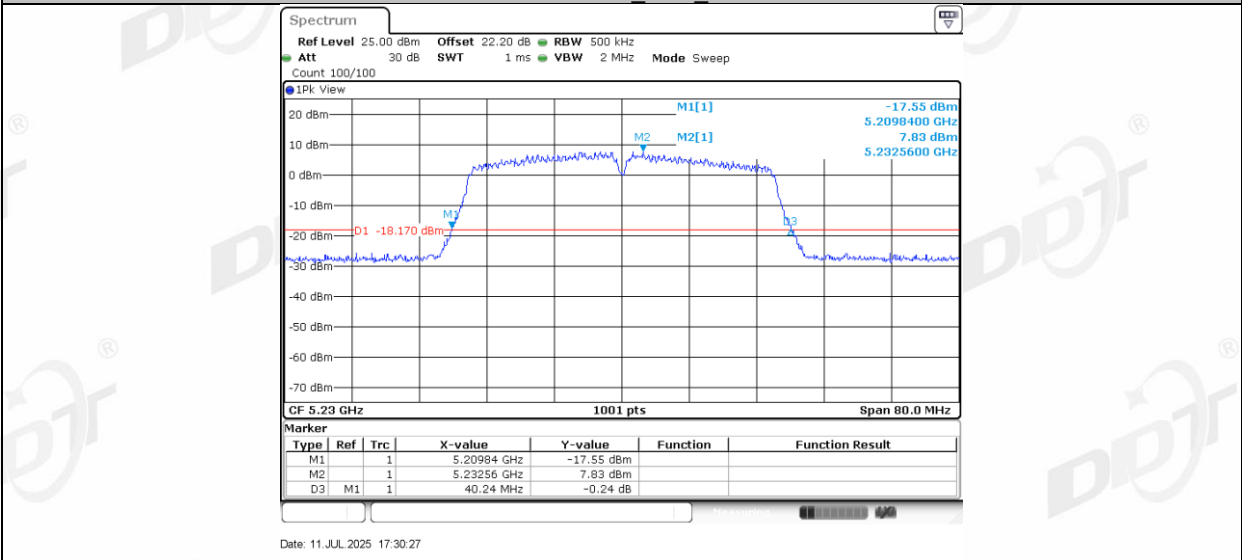
11AC40MIMO_Ant2_5190



11AC40MIMO_Ant1_5230



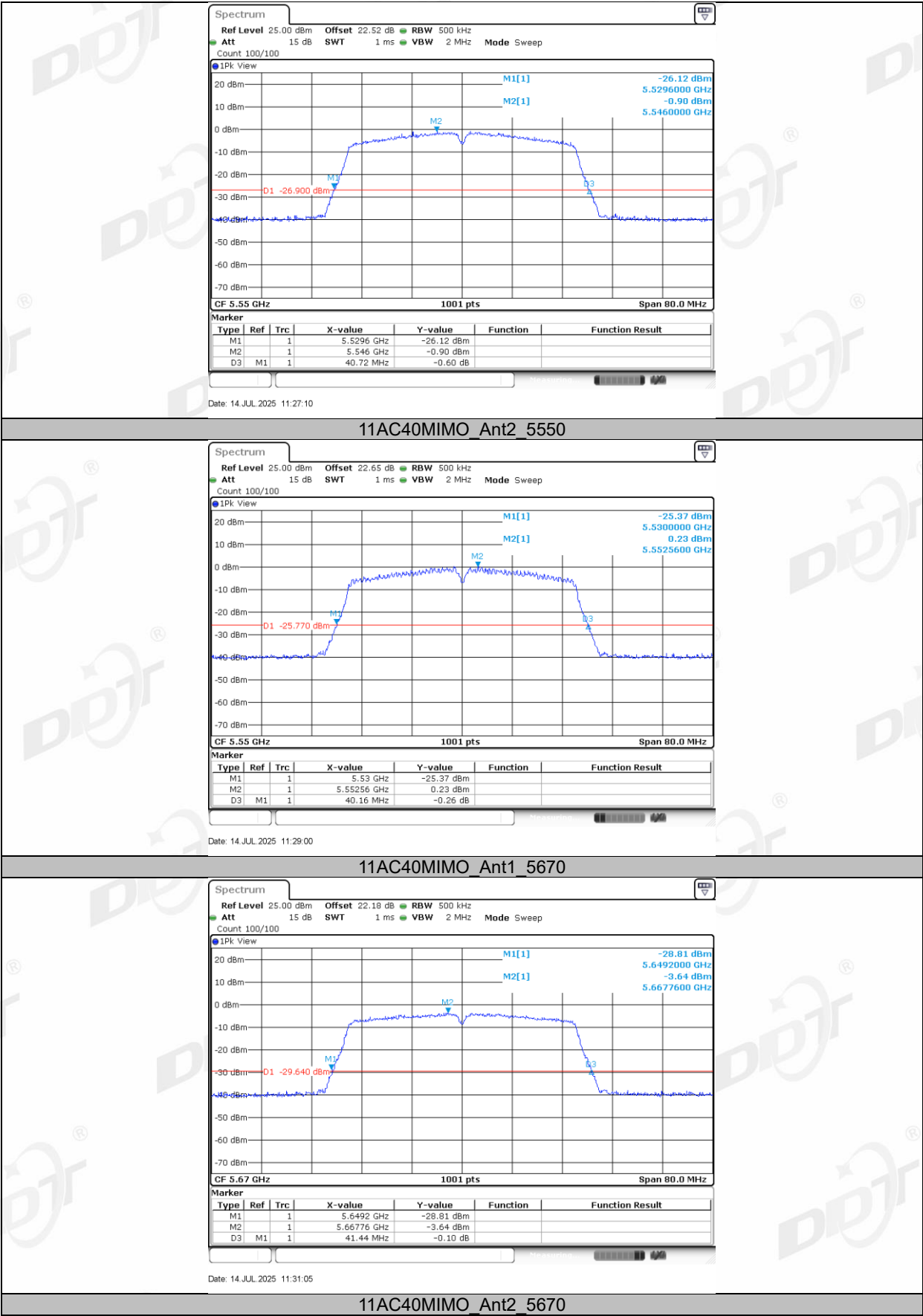
11AC40MIMO_Ant2_5230



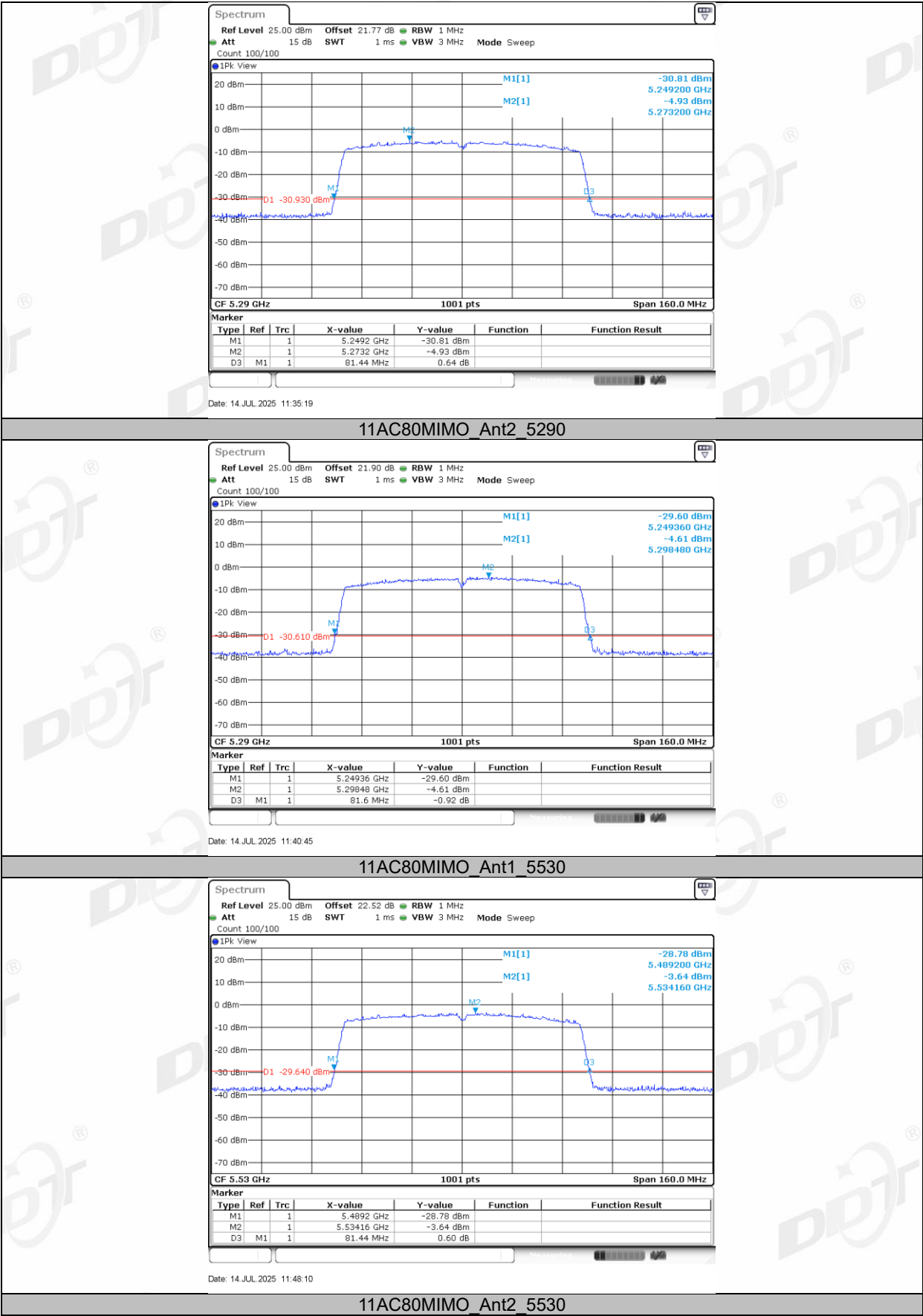
11AC40MIMO_Ant1_5270

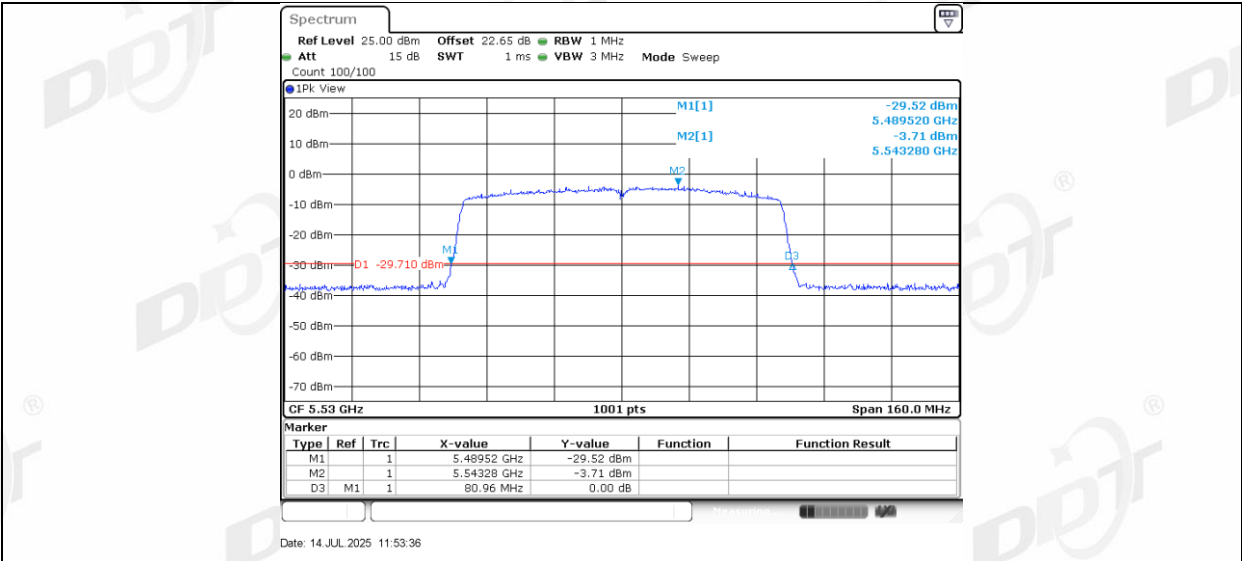




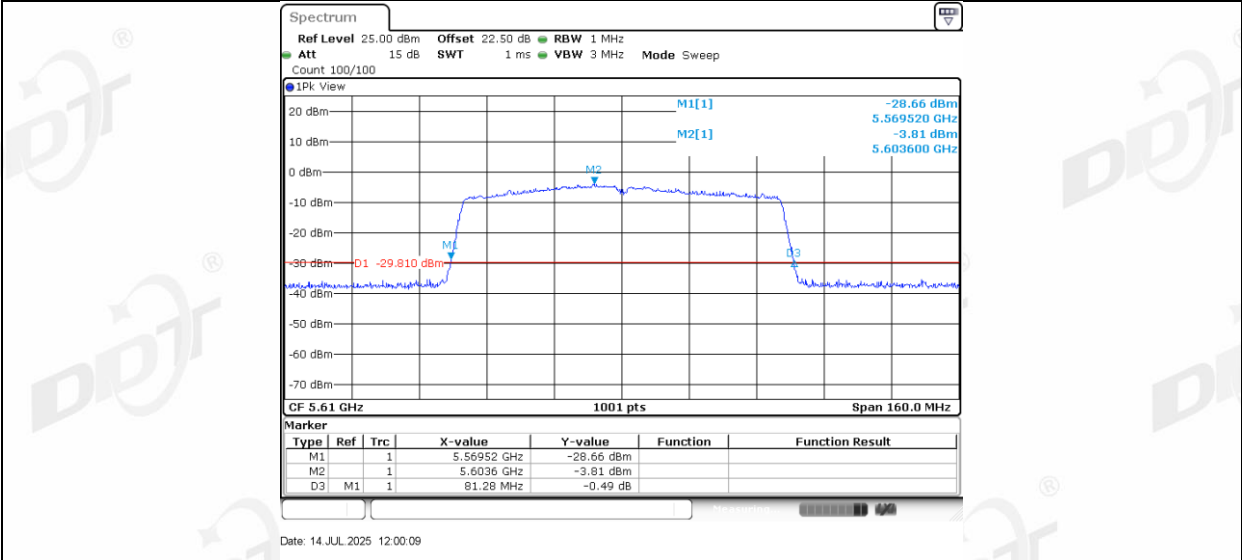




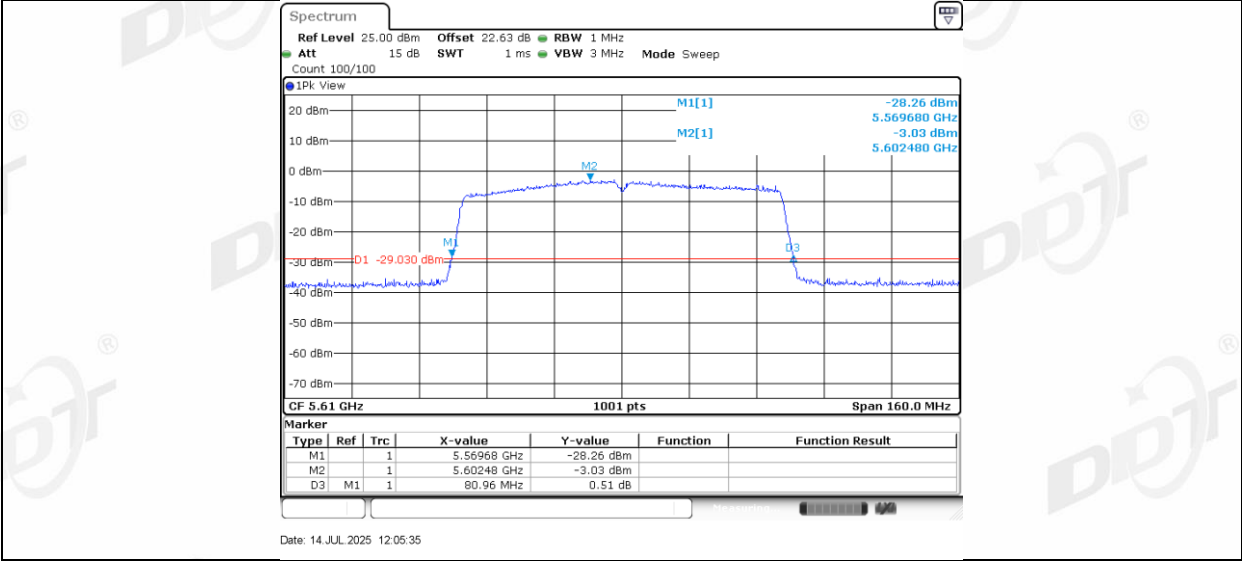




11AC80MIMO_Ant1_5610

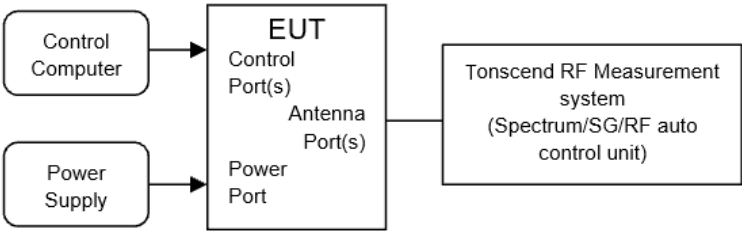


11AC80MIMO_Ant2_5610



5. 6dB Bandwidth

5.1. Block diagram of test setup



5.2. Limits

FCC Part15, Subpart E/ RSS-247		
Test Item	Limit	Frequency Range (MHz)
6 dB Bandwidth	Minimum 500 kHz	5725 - 5850

5.3. Test procedure

Connect EUT's antenna output to spectrum analyzer by RF cable.

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	For 6 dB Bandwidth: RBW=100 kHz For 26 dB Bandwidth: approximately 1% of the emission bandwidth.
VBW	For 6 dB Bandwidth: VBW=300 kHz For 26 dB Bandwidth: >3 RBW
Trace	Max hold
Sweep	Auto couple

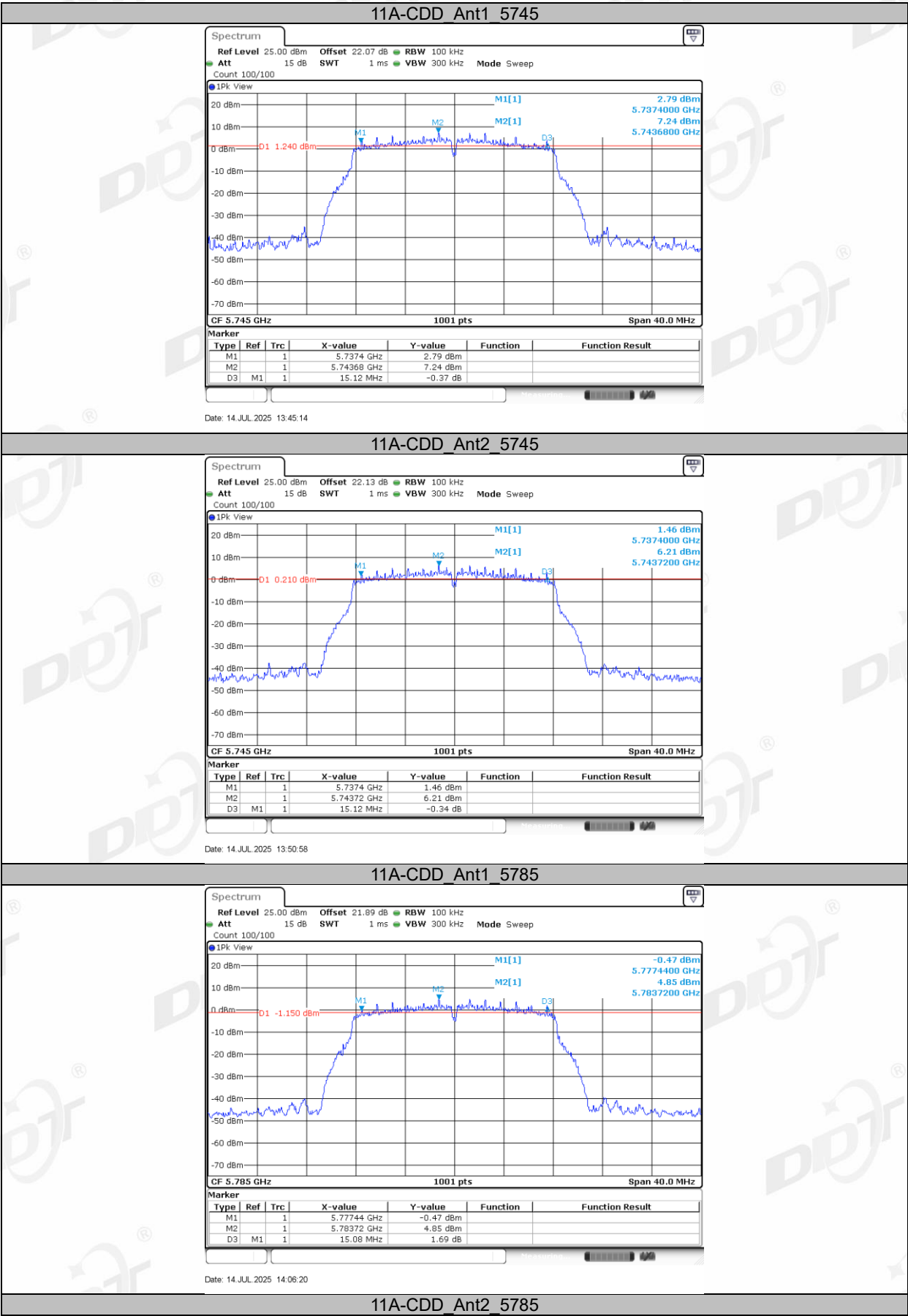
Allow the trace to stabilize, measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

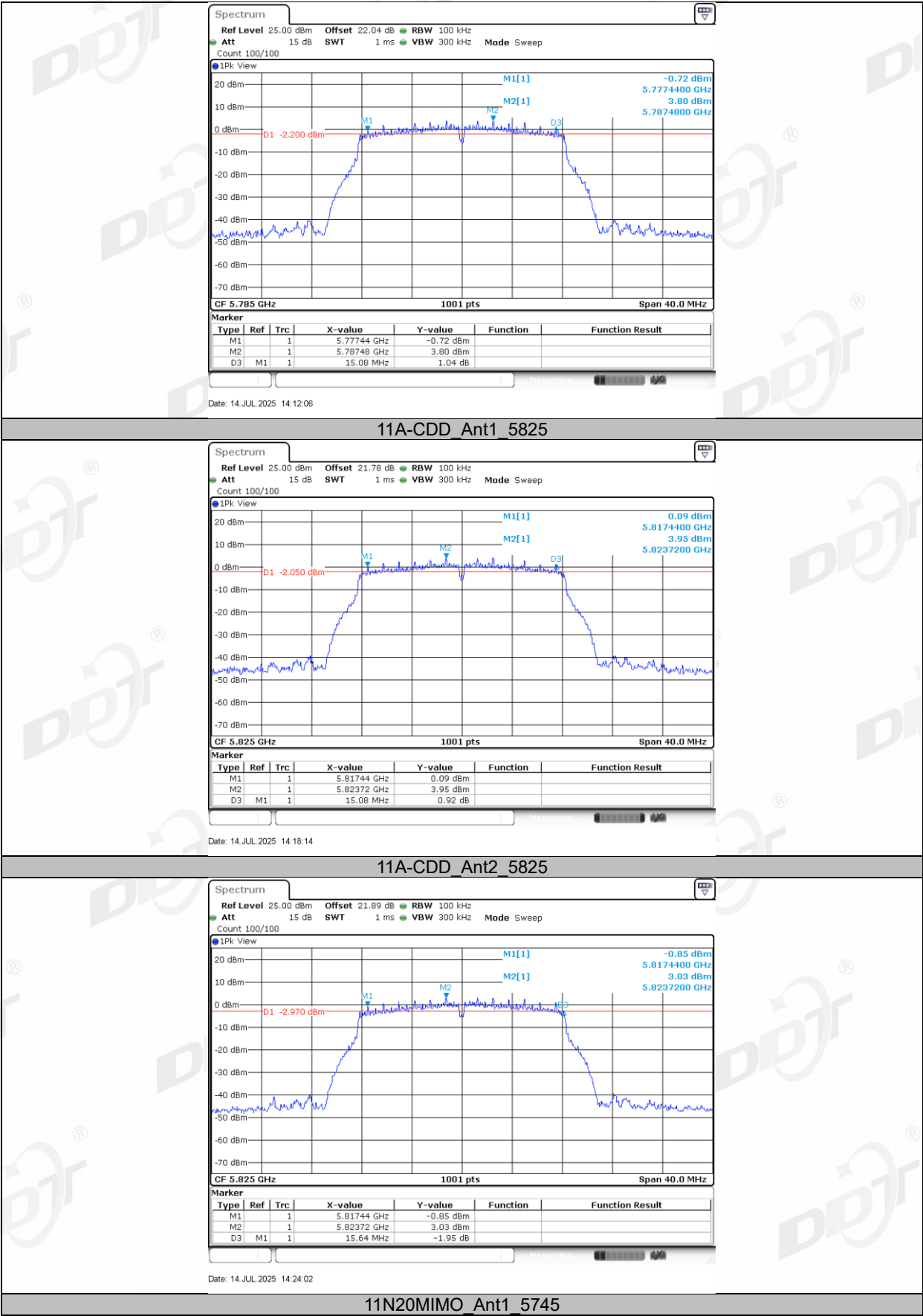
5.4. Test result B4

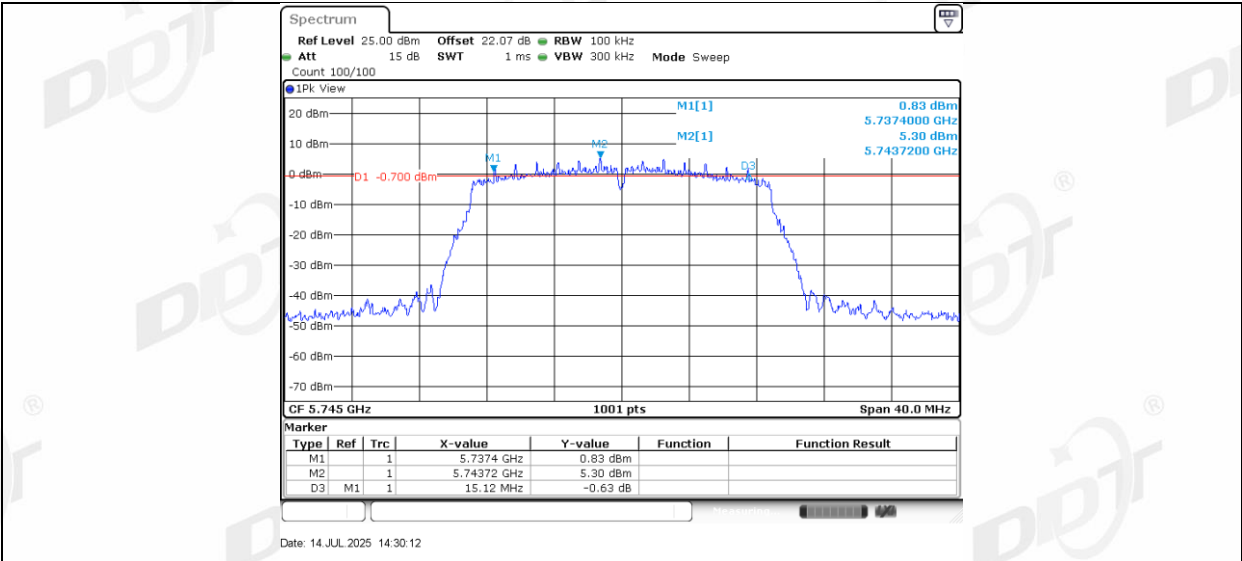
Test Engineer:	Zeng zhongyao	Test Site:	RF Measurement System 3#
Ambient Condition:	25.3-26.9℃,36.7-42.8%RH	Test Date:	2025/07/10-2025/07/20
Test Power Supply:	AC 120V	Sample Number:	S25062706-001

Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5745	15.12	5737.40	5752.52	0.5	PASS
	Ant2	5745	15.12	5737.40	5752.52	0.5	PASS
	Ant1	5785	15.08	5777.44	5792.52	0.5	PASS
	Ant2	5785	15.08	5777.44	5792.52	0.5	PASS
	Ant1	5825	15.08	5817.44	5832.52	0.5	PASS
	Ant2	5825	15.64	5817.44	5833.08	0.5	PASS
11N20MI MO	Ant1	5745	15.12	5737.40	5752.52	0.5	PASS
	Ant2	5745	15.72	5736.80	5752.52	0.5	PASS
	Ant1	5785	15.12	5777.40	5792.52	0.5	PASS
	Ant2	5785	15.72	5777.40	5793.12	0.5	PASS
	Ant1	5825	15.28	5817.44	5832.72	0.5	PASS
	Ant2	5825	16.32	5817.44	5833.76	0.5	PASS
11N40MI MO	Ant1	5755	35.12	5737.40	5772.52	0.5	PASS
	Ant2	5755	35.12	5737.40	5772.52	0.5	PASS
	Ant1	5795	35.04	5777.48	5812.52	0.5	PASS
	Ant2	5795	35.04	5777.48	5812.52	0.5	PASS
11AC20M IMO	Ant1	5745	15.12	5737.40	5752.52	0.5	PASS
	Ant2	5745	15.72	5736.80	5752.52	0.5	PASS
	Ant1	5785	15.08	5777.44	5792.52	0.5	PASS
	Ant2	5785	16.24	5776.84	5793.08	0.5	PASS
	Ant1	5825	15.08	5817.44	5832.52	0.5	PASS
	Ant2	5825	16.32	5817.44	5833.76	0.5	PASS
11AC40M IMO	Ant1	5755	35.12	5737.40	5772.52	0.5	PASS
	Ant2	5755	35.12	5737.40	5772.52	0.5	PASS
	Ant1	5795	35.04	5777.48	5812.52	0.5	PASS
	Ant2	5795	35.04	5777.48	5812.52	0.5	PASS
11AC80M IMO	Ant1	5775	75.20	5737.40	5812.60	0.5	PASS
	Ant2	5775	75.20	5737.40	5812.60	0.5	PASS

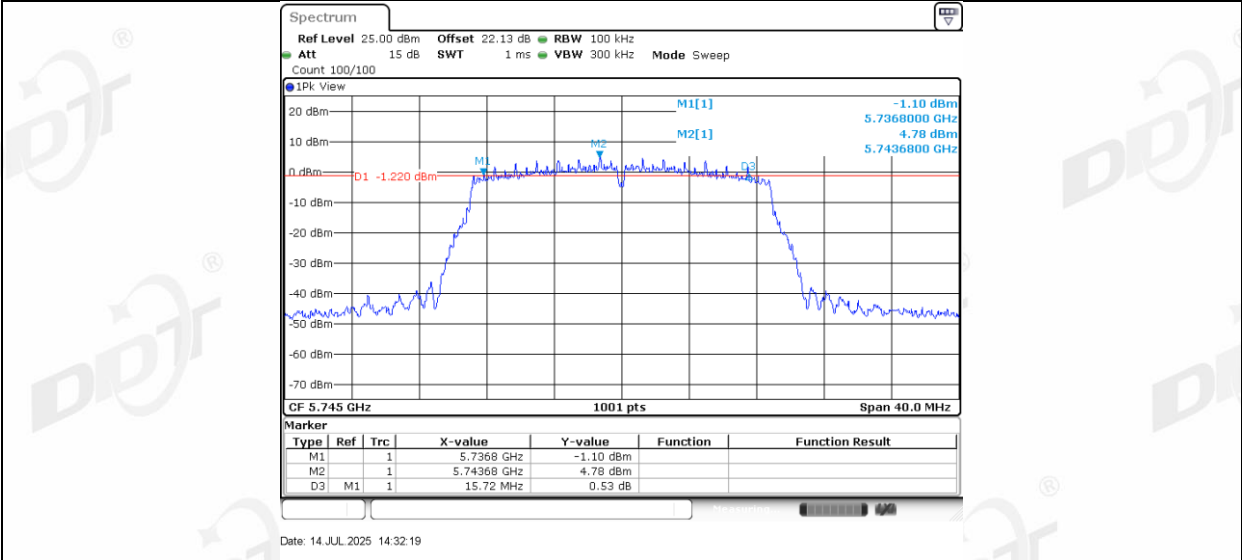
5.5. Test graphs B4



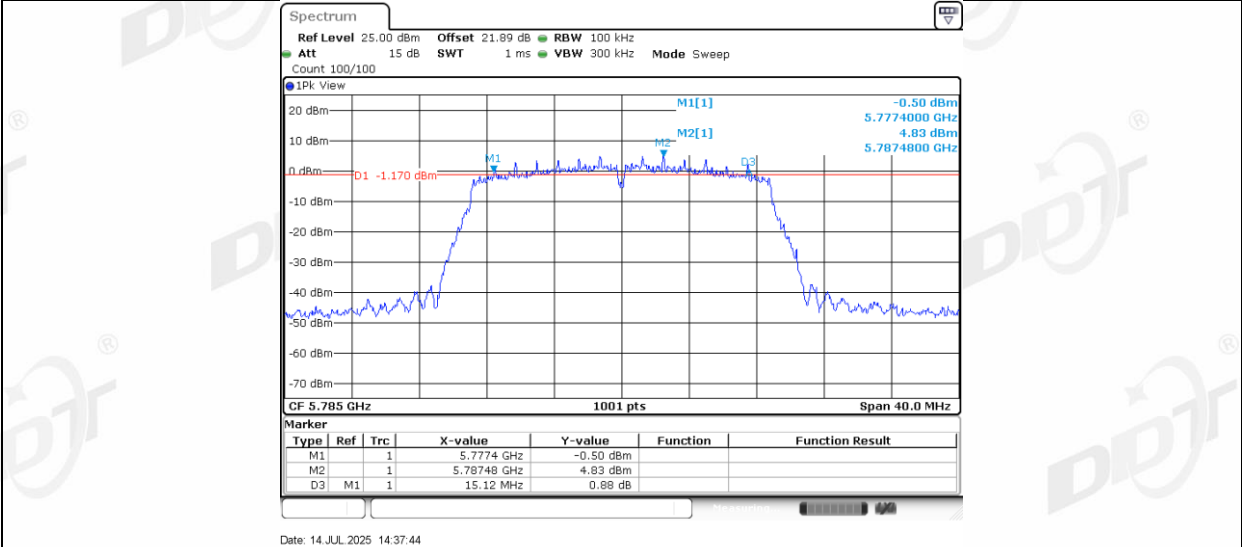




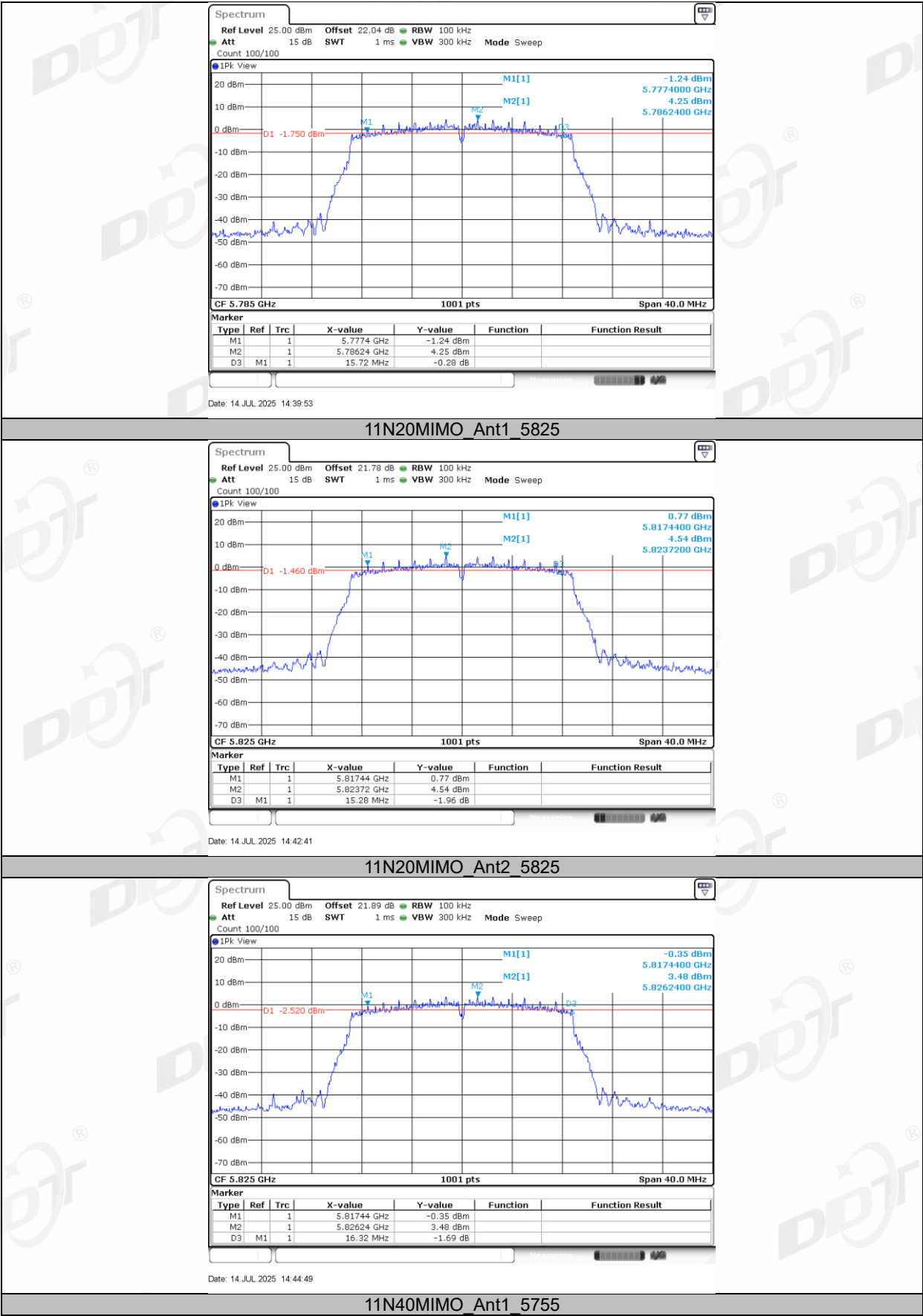
11N20MIMO_Ant2_5745

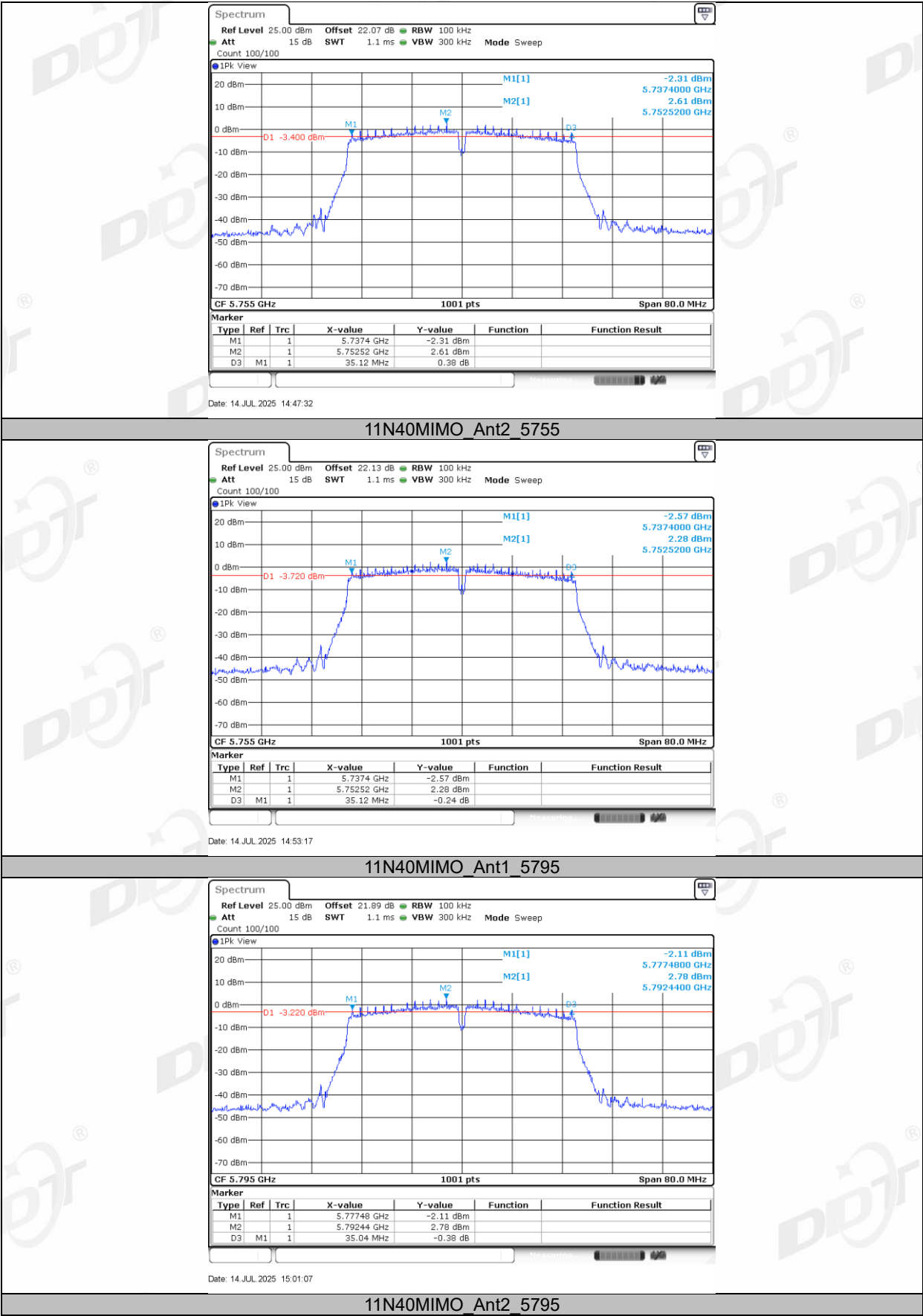


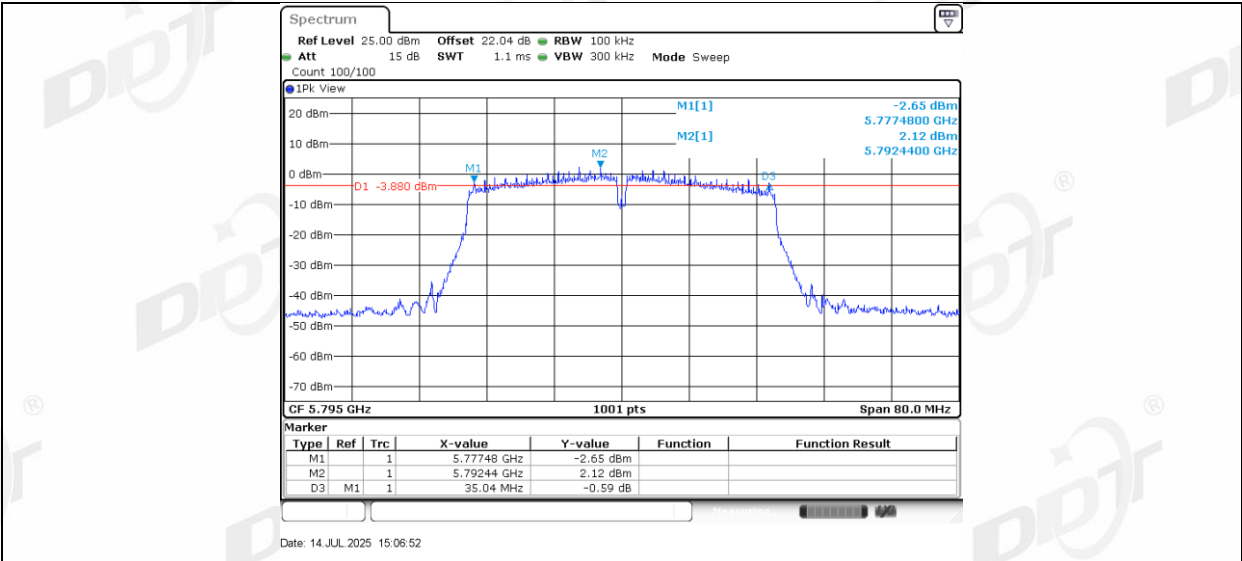
11N20MIMO_Ant1_5785



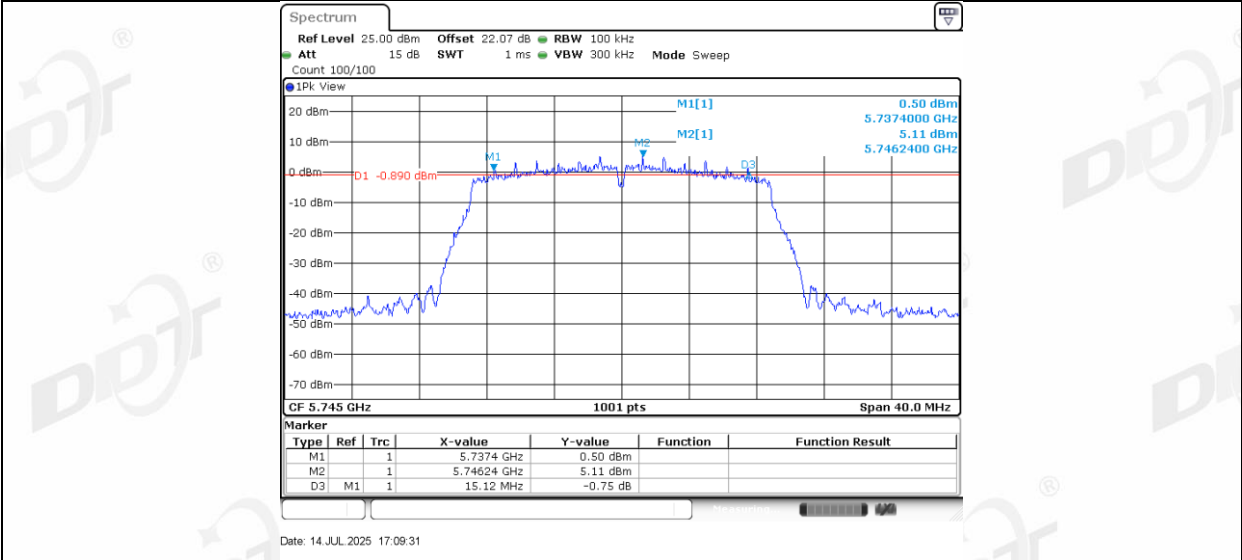
11N20MIMO_Ant2_5785



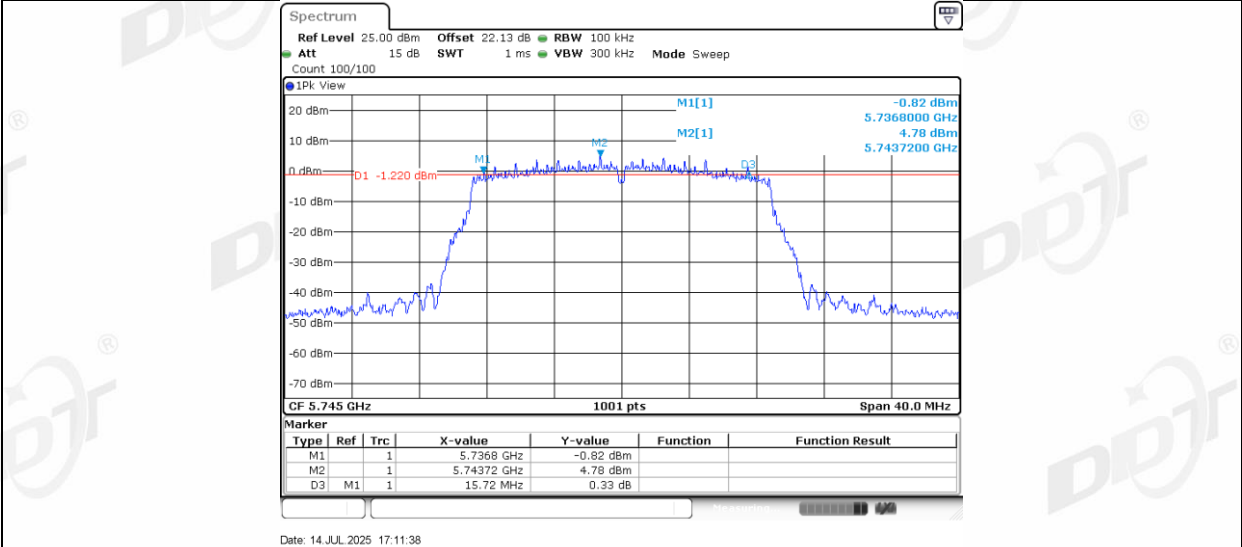




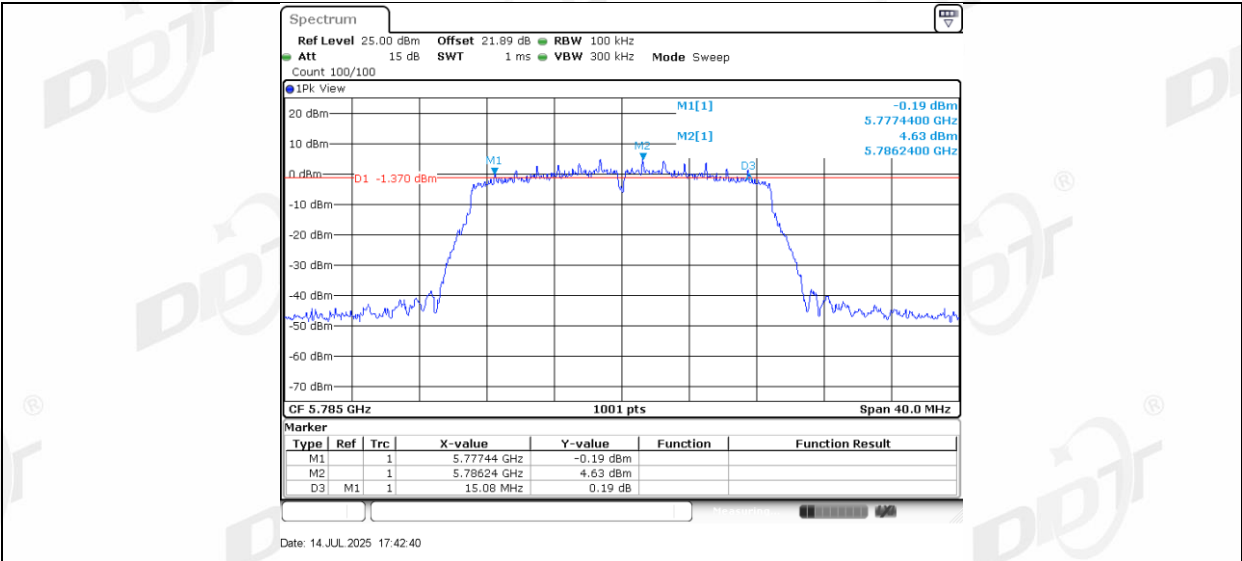
11AC20MIMO_Ant1_5745



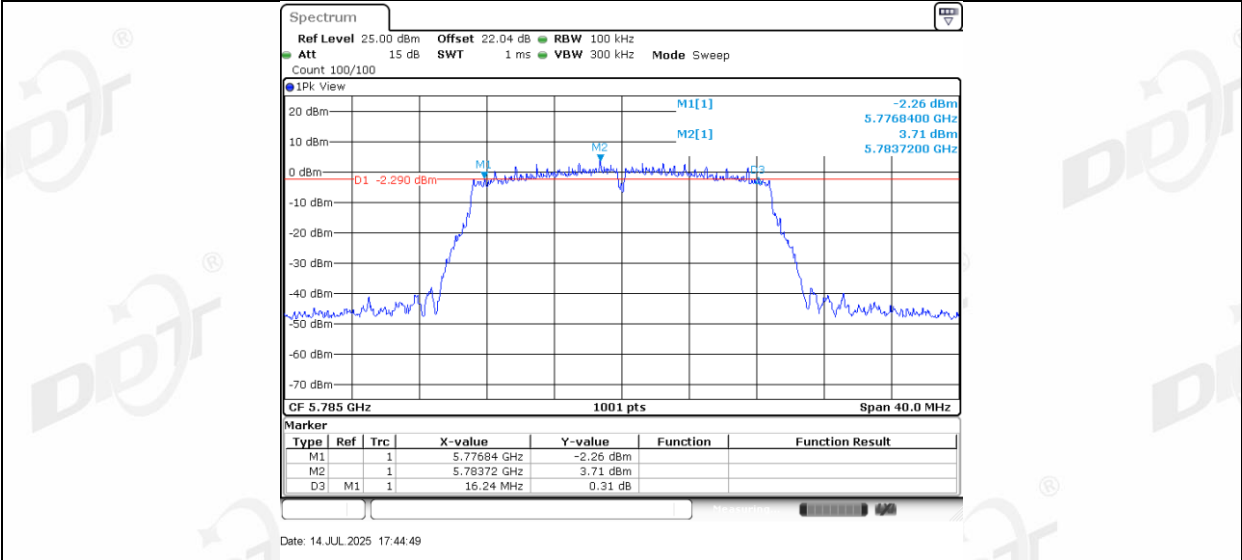
11AC20MIMO_Ant2_5745



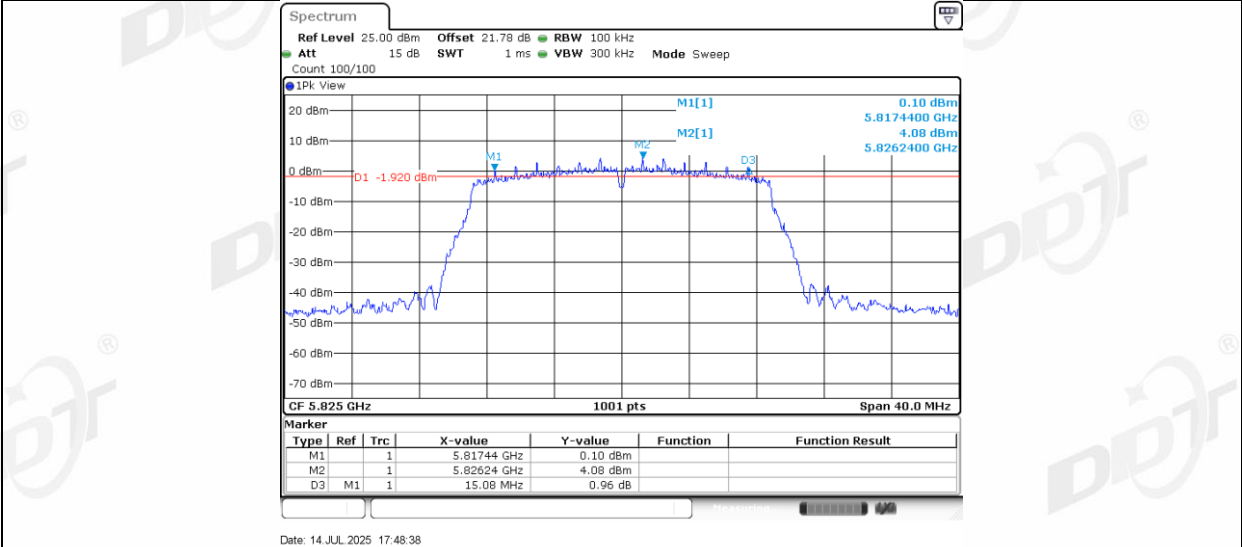
11AC20MIMO_Ant1_5785



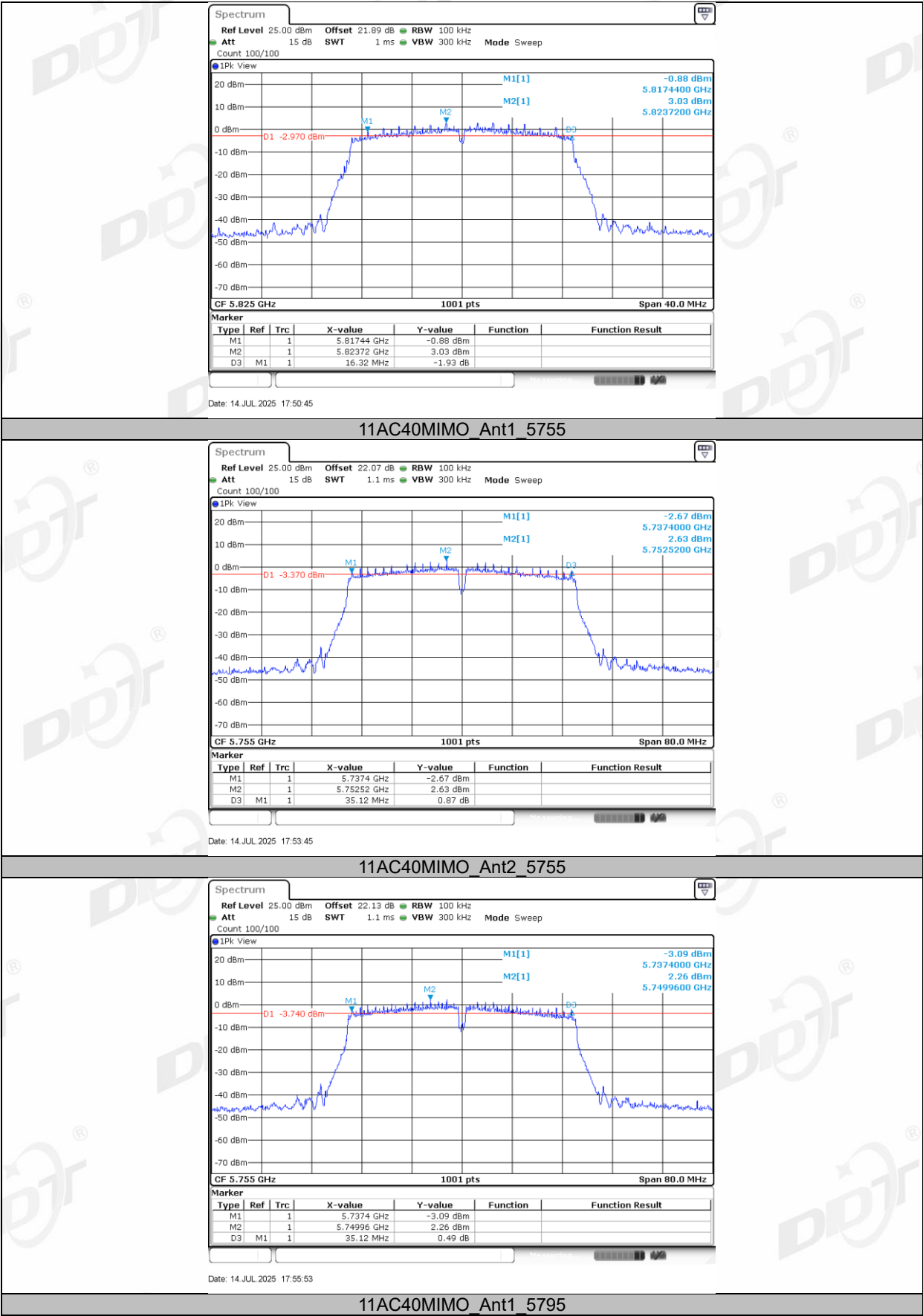
11AC20MIMO_Ant2_5785

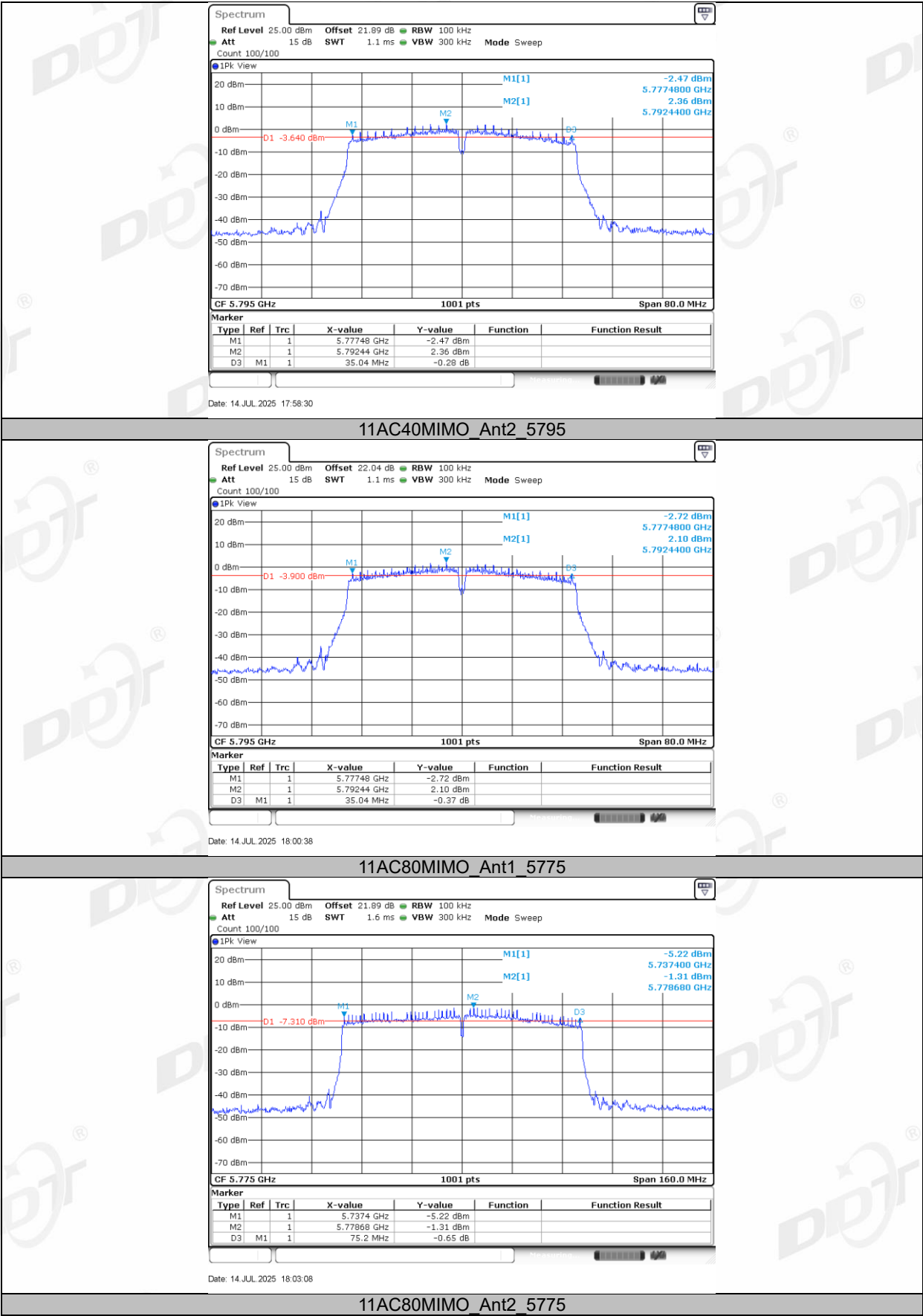


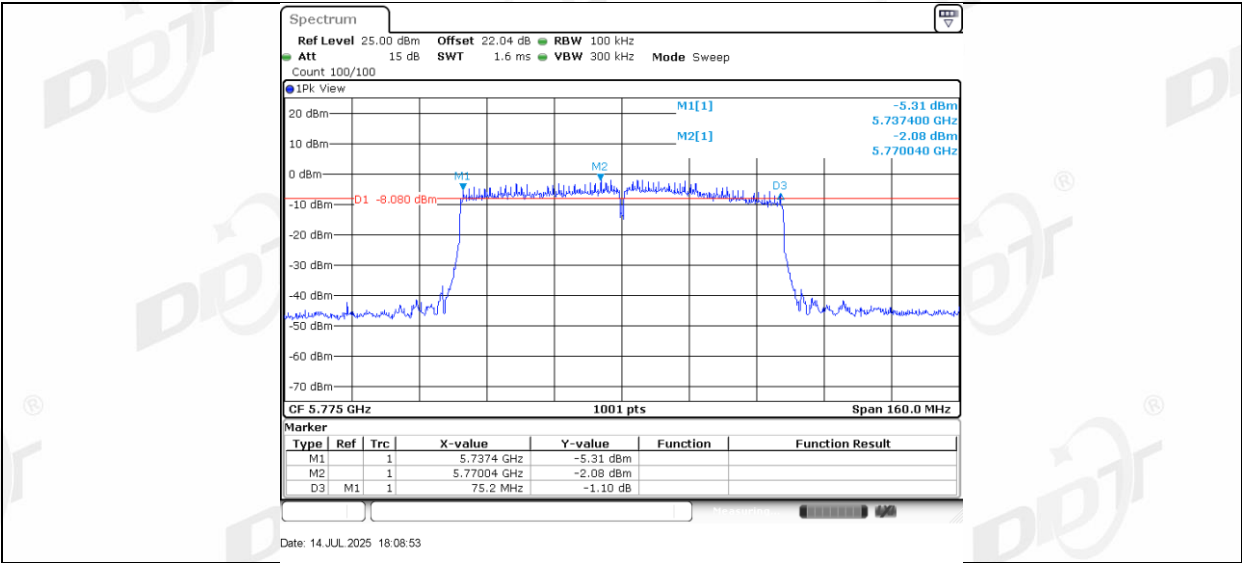
11AC20MIMO_Ant1_5825



11AC20MIMO_Ant2_5825

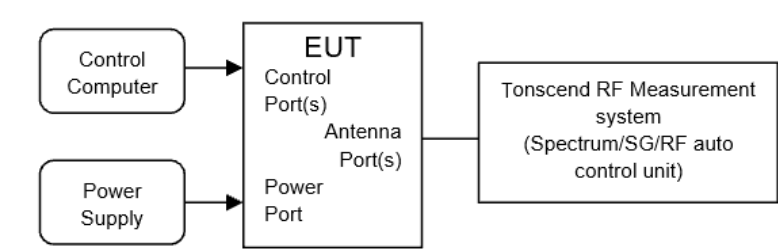






6. 99% Bandwidth

6.1. Block diagram of test setup



6.2. Limits

Just for Report.

6.3. Test procedure

(1) Connect EUT's antenna output to spectrum analyzer by RF cable.

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	1% to 5% of the OBW
VBW	approximately three times the RBW
Trace	Max hold

Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.

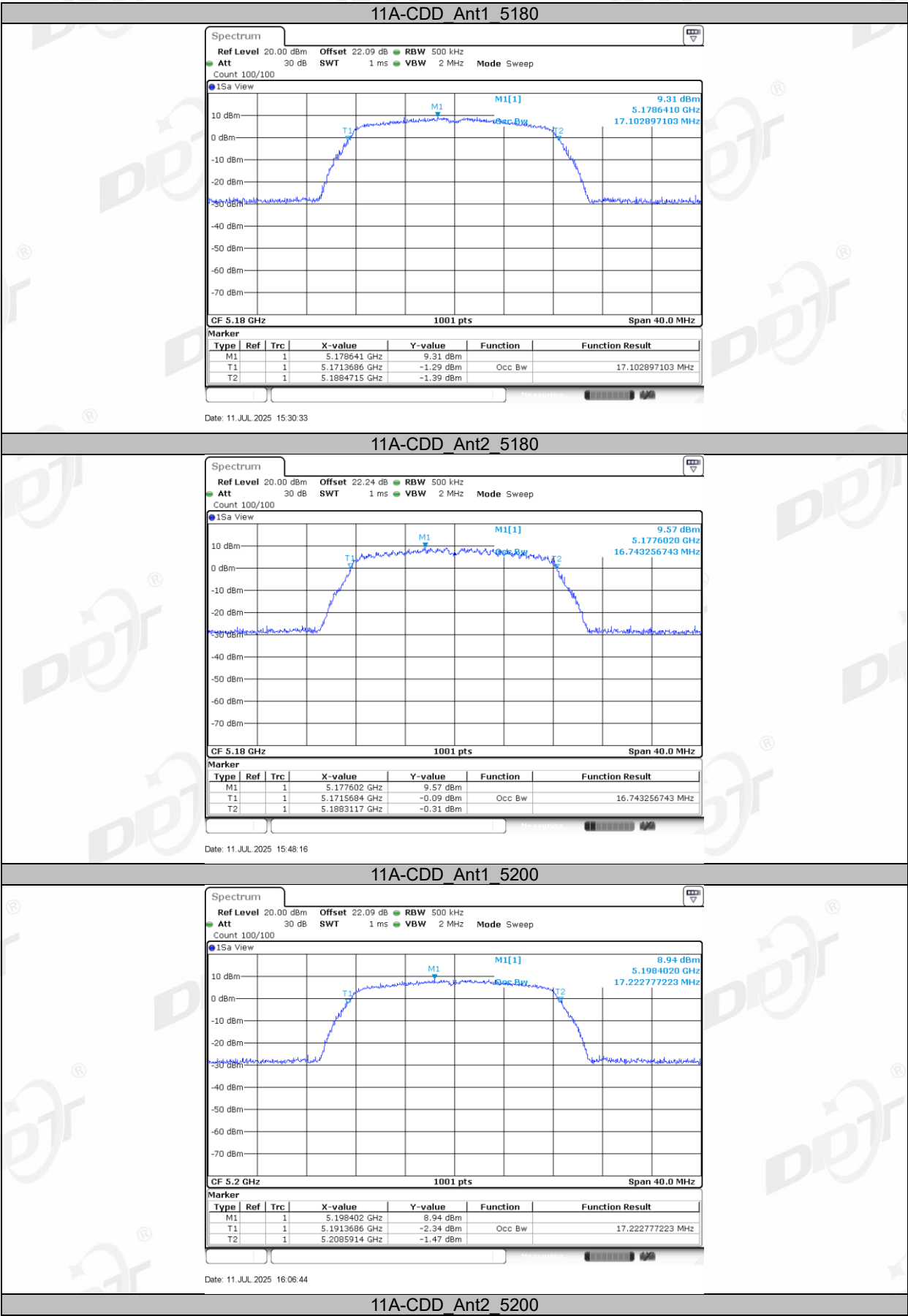
6.4. Test result

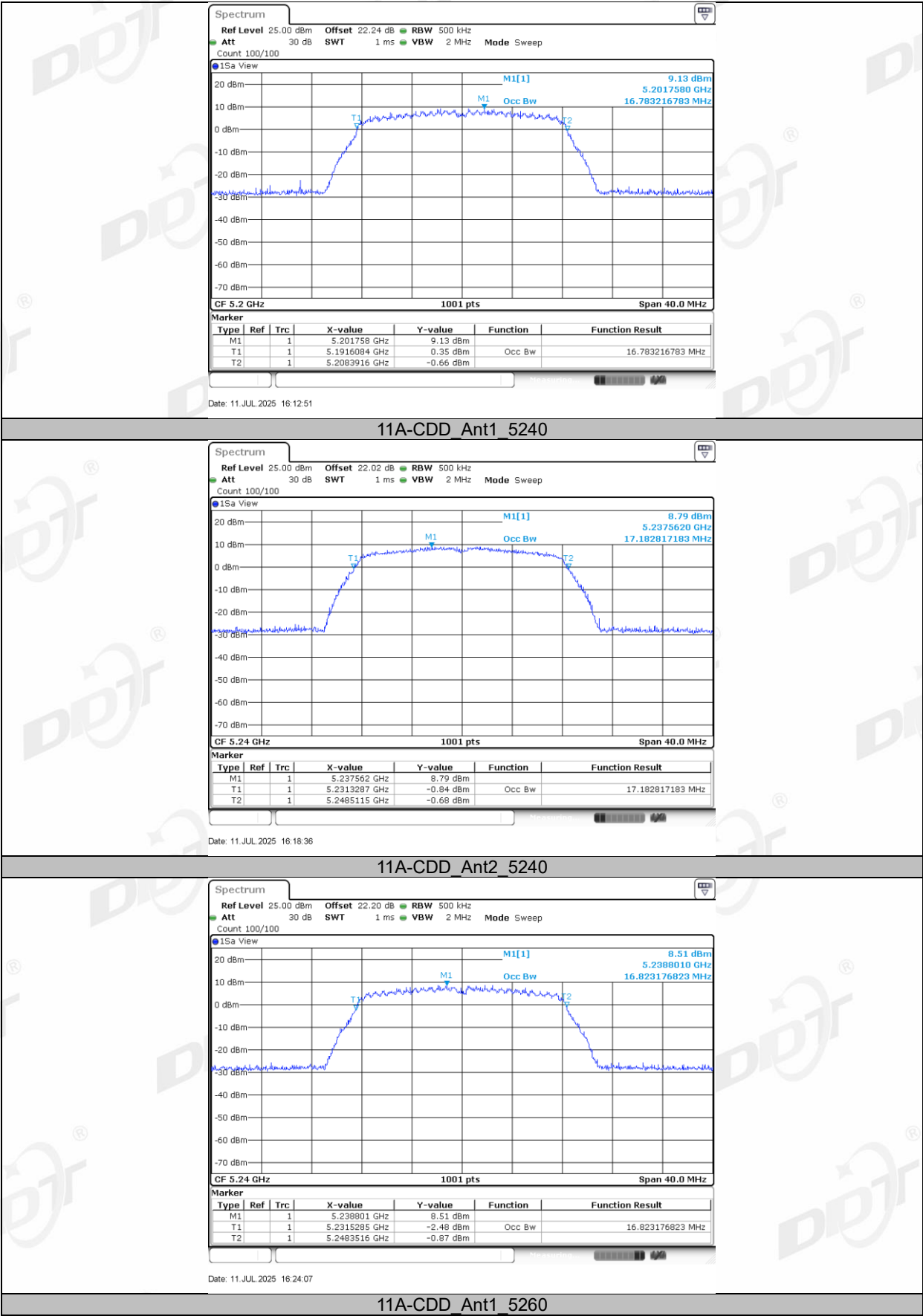
Test Engineer:	Zeng zhongyao	Test Site:	RF Measurement System 3#
Ambient Condition:	25.3-26.9℃,36.7-42.8%RH	Test Date:	2025/07/10-2025/07/20
Test Power Supply:	AC 120V	Sample Number:	S25062706-001

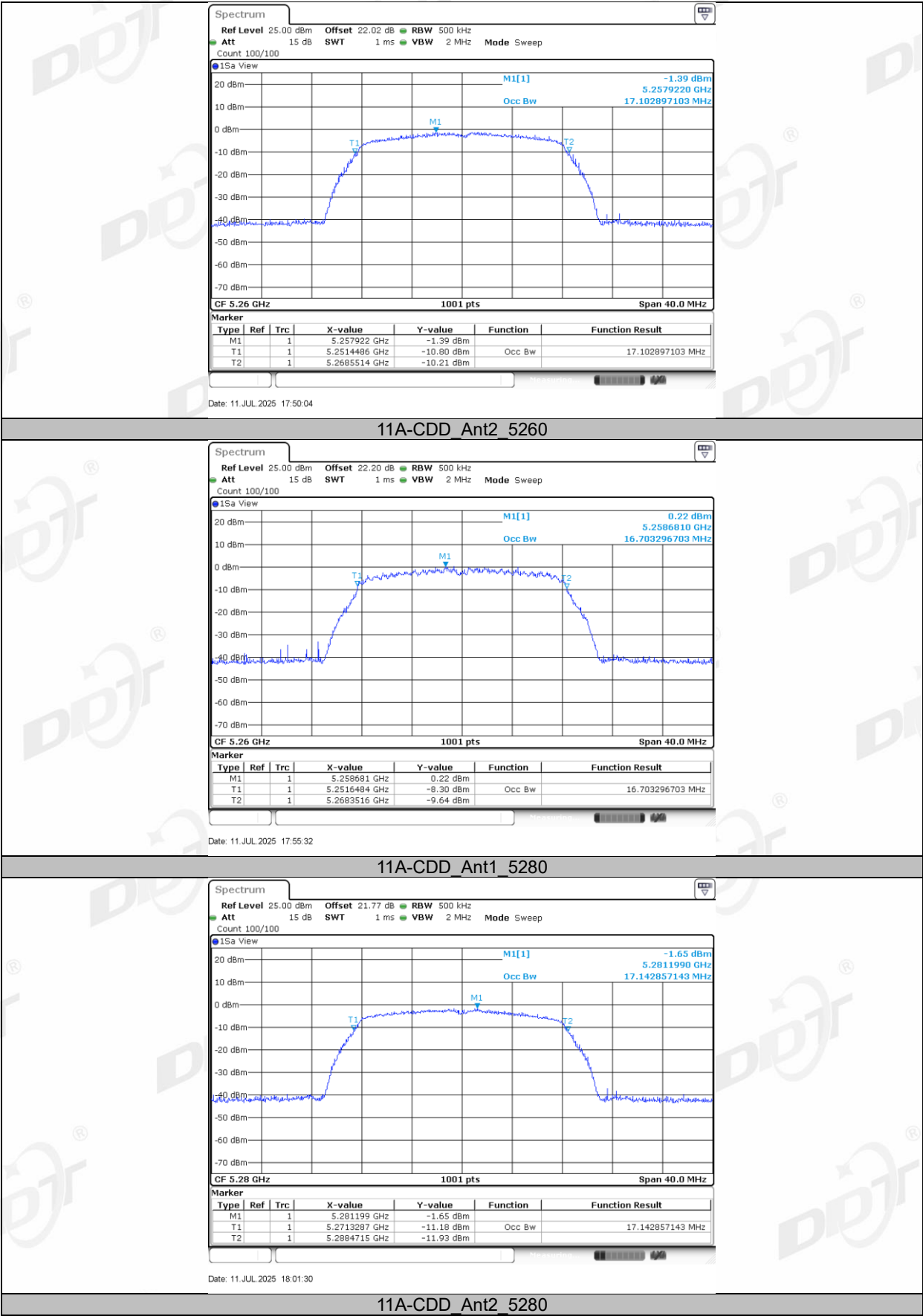
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	17.103	5171.3686	5188.4715	---	---
	Ant2	5180	16.743	5171.5684	5188.3117	---	---
	Ant1	5200	17.223	5191.3686	5208.5914	---	---
	Ant2	5200	16.783	5191.6084	5208.3916	---	---
	Ant1	5240	17.183	5231.3287	5248.5115	---	---
	Ant2	5240	16.823	5231.5285	5248.3516	---	---
	Ant1	5260	17.103	5251.4486	5268.5514	---	---
	Ant2	5260	16.703	5251.6484	5268.3516	---	---
	Ant1	5280	17.143	5271.3287	5288.4715	---	---
	Ant2	5280	16.743	5271.5285	5288.2717	---	---
	Ant1	5320	17.103	5311.3686	5328.4715	---	---
	Ant2	5320	16.743	5311.5684	5328.3117	---	---
	Ant1	5500	17.103	5491.4486	5508.5514	---	---
	Ant2	5500	16.703	5491.6484	5508.3516	---	---
	Ant1	5580	17.143	5571.4086	5588.5514	---	---
	Ant2	5580	16.823	5571.5684	5588.3916	---	---
	Ant1	5700	17.103	5691.3686	5708.4715	---	---
	Ant2	5700	16.703	5691.5684	5708.2717	---	---
	Ant1	5745	17.063	5736.4086	5753.4715	---	---
	Ant2	5745	16.663	5736.6084	5753.2717	---	---
11N20MI MO	Ant1	5180	17.902	5170.9690	5188.8711	---	---
	Ant2	5180	17.742	5171.0490	5188.7912	---	---
	Ant1	5200	18.022	5190.9690	5208.9910	---	---
	Ant2	5200	17.782	5191.0889	5208.8711	---	---
	Ant1	5240	18.062	5230.8891	5248.9510	---	---
	Ant2	5240	17.782	5231.0490	5248.8312	---	---
	Ant1	5260	17.942	5251.0490	5268.9910	---	---
	Ant2	5260	17.742	5251.1289	5268.8711	---	---
	Ant1	5280	18.022	5270.8891	5288.9111	---	---
	Ant2	5280	17.702	5271.0889	5288.7912	---	---
	Ant1	5320	17.942	5310.9690	5328.9111	---	---
	Ant2	5320	17.702	5311.0889	5328.7912	---	---
	Ant1	5500	17.982	5490.9690	5508.9510	---	---
	Ant2	5500	17.702	5491.1289	5508.8312	---	---
	Ant1	5580	18.062	5570.9291	5588.9910	---	---
	Ant2	5580	17.782	5571.0889	5588.8711	---	---
	Ant1	5700	18.022	5690.9690	5708.9910	---	---
	Ant2	5700	17.702	5691.0889	5708.7912	---	---
	Ant1	5745	17.942	5735.9690	5753.9111	---	---
	Ant2	5745	17.702	5736.0889	5753.7912	---	---
11N40MI MO	Ant1	5190	36.284	5171.7782	5208.0619	---	---
	Ant2	5190	36.364	5171.7782	5208.1419	---	---
	Ant1	5230	36.204	5211.7782	5247.9820	---	---
	Ant2	5230	36.204	5211.8581	5248.0619	---	---
	Ant1	5270	36.044	5251.8581	5287.9021	---	---
	Ant2	5270	35.964	5252.0180	5287.9820	---	---
	Ant1	5310	36.124	5291.8581	5327.9820	---	---
	Ant2	5310	36.124	5291.8581	5327.9820	---	---

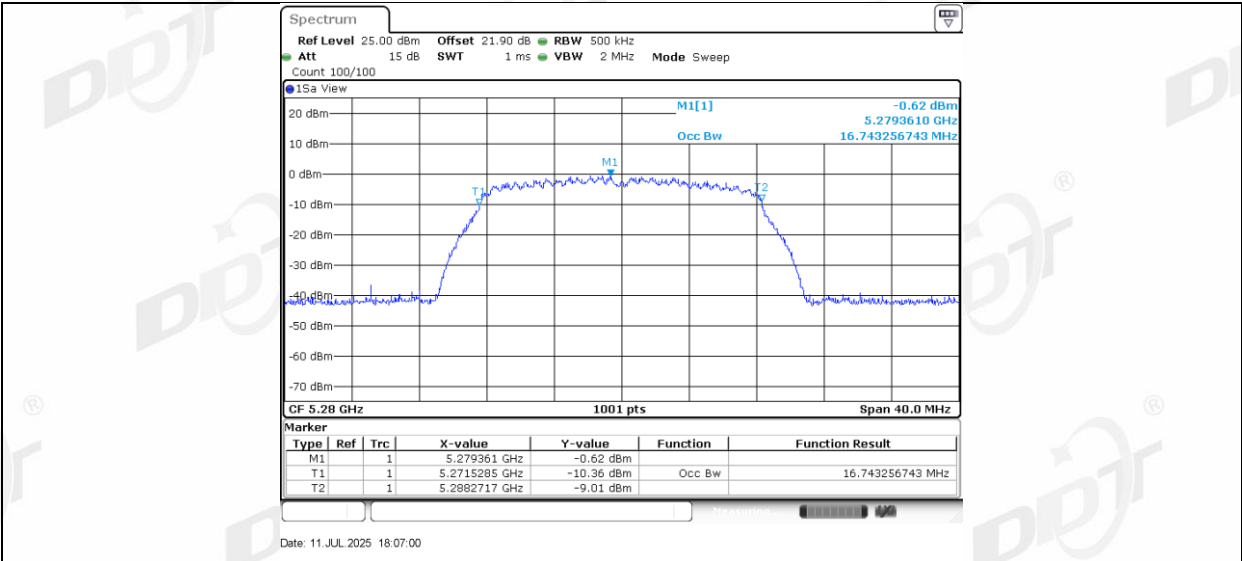
	Ant2	5310	35.964	5292.0180	5327.9820	---	---
	Ant1	5510	36.204	5491.7782	5527.9820	---	---
	Ant2	5510	36.124	5491.8581	5527.9820	---	---
	Ant1	5550	36.204	5531.8581	5568.0619	---	---
	Ant2	5550	36.044	5531.9381	5567.9820	---	---
	Ant1	5670	36.523	5651.6983	5688.2218	---	---
	Ant2	5670	36.364	5651.7782	5688.1419	---	---
	Ant1	5755	36.364	5736.7782	5773.1419	---	---
	Ant2	5755	36.204	5736.7782	5772.9820	---	---
	Ant1	5795	36.204	5776.7782	5812.9820	---	---
11AC20M IMO	Ant2	5795	36.044	5776.8581	5812.9021	---	---
	Ant1	5180	18.022	5170.8891	5188.9111	---	---
	Ant2	5180	17.702	5171.0889	5188.7912	---	---
	Ant1	5200	18.102	5190.9291	5209.0310	---	---
	Ant2	5200	17.782	5191.0889	5208.8711	---	---
	Ant1	5240	18.102	5230.8891	5248.9910	---	---
	Ant2	5240	17.782	5231.0490	5248.8312	---	---
	Ant1	5260	17.942	5251.0090	5268.9510	---	---
	Ant2	5260	17.702	5251.1289	5268.8312	---	---
	Ant1	5280	18.022	5270.8891	5288.9111	---	---
	Ant2	5280	17.782	5271.0490	5288.8312	---	---
	Ant1	5320	17.942	5310.9291	5328.8711	---	---
	Ant2	5320	17.702	5311.0889	5328.7912	---	---
	Ant1	5500	17.942	5491.0090	5508.9510	---	---
	Ant2	5500	17.702	5491.1289	5508.8312	---	---
	Ant1	5580	18.062	5570.9690	5589.0310	---	---
	Ant2	5580	17.782	5571.0889	5588.8711	---	---
	Ant1	5700	17.982	5690.9291	5708.9111	---	---
	Ant2	5700	17.662	5691.0889	5708.7512	---	---
	Ant1	5745	17.982	5735.9690	5753.9510	---	---
	Ant2	5745	17.702	5736.0889	5753.7912	---	---
	Ant1	5785	18.022	5775.9690	5793.9910	---	---
	Ant2	5785	17.702	5776.1289	5793.8312	---	---
	Ant1	5825	17.942	5816.0090	5833.9510	---	---
	Ant2	5825	17.702	5816.1688	5833.8711	---	---
11AC40M IMO	Ant1	5190	36.444	5171.6983	5208.1419	---	---
	Ant2	5190	36.444	5171.6983	5208.1419	---	---
	Ant1	5230	36.204	5211.7782	5247.9820	---	---
	Ant2	5230	36.204	5211.7782	5247.9820	---	---
	Ant1	5270	36.124	5251.8581	5287.9820	---	---
	Ant2	5270	35.964	5252.0180	5287.9820	---	---
	Ant1	5310	36.044	5291.9381	5327.9820	---	---
	Ant2	5310	36.044	5291.9381	5327.9820	---	---
	Ant1	5510	36.204	5491.7782	5527.9820	---	---
	Ant2	5510	36.204	5491.8581	5528.0619	---	---
	Ant1	5550	36.124	5531.9381	5568.0619	---	---
	Ant2	5550	36.124	5531.9381	5568.0619	---	---
	Ant1	5670	36.523	5651.6983	5688.2218	---	---
	Ant2	5670	36.364	5651.7782	5688.1419	---	---
	Ant1	5755	36.284	5736.7782	5773.0619	---	---
	Ant2	5755	36.284	5736.7782	5773.0619	---	---
	Ant1	5795	36.124	5776.8581	5812.9820	---	---
	Ant2	5795	36.044	5776.8581	5812.9021	---	---
11AC80M IMO	Ant1	5210	75.764	5171.9580	5247.7223	---	---
	Ant2	5210	75.604	5172.1179	5247.7223	---	---
	Ant1	5290	75.604	5252.1179	5327.7223	---	---
	Ant2	5290	75.285	5252.4376	5327.7223	---	---
	Ant1	5530	75.445	5492.1179	5567.5624	---	---
	Ant2	5530	75.445	5492.2777	5567.7223	---	---
	Ant1	5610	75.445	5572.2777	5647.7223	---	---
	Ant2	5610	75.604	5572.2777	5647.8821	---	---
	Ant1	5775	75.285	5737.1179	5812.4026	---	---
	Ant2	5775	75.285	5737.1179	5812.4026	---	---

6.5. Test graphs

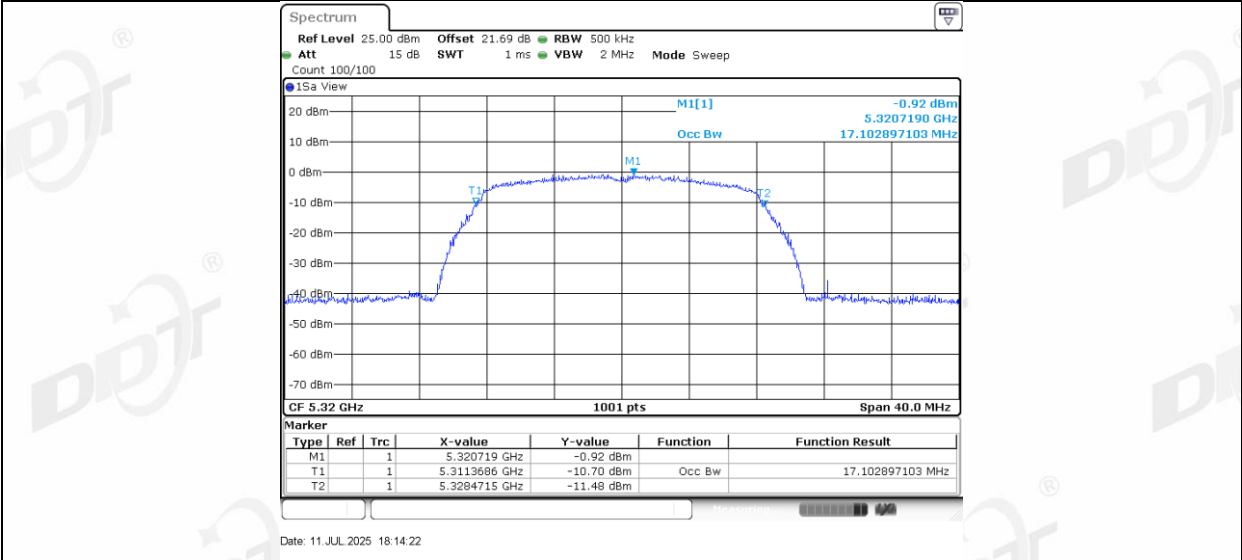




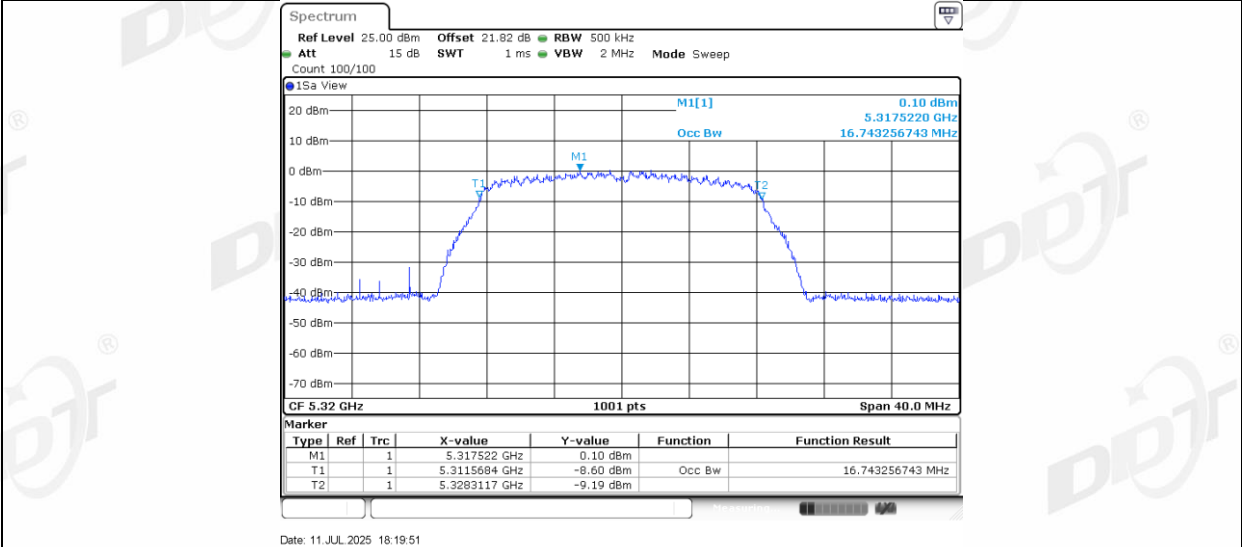




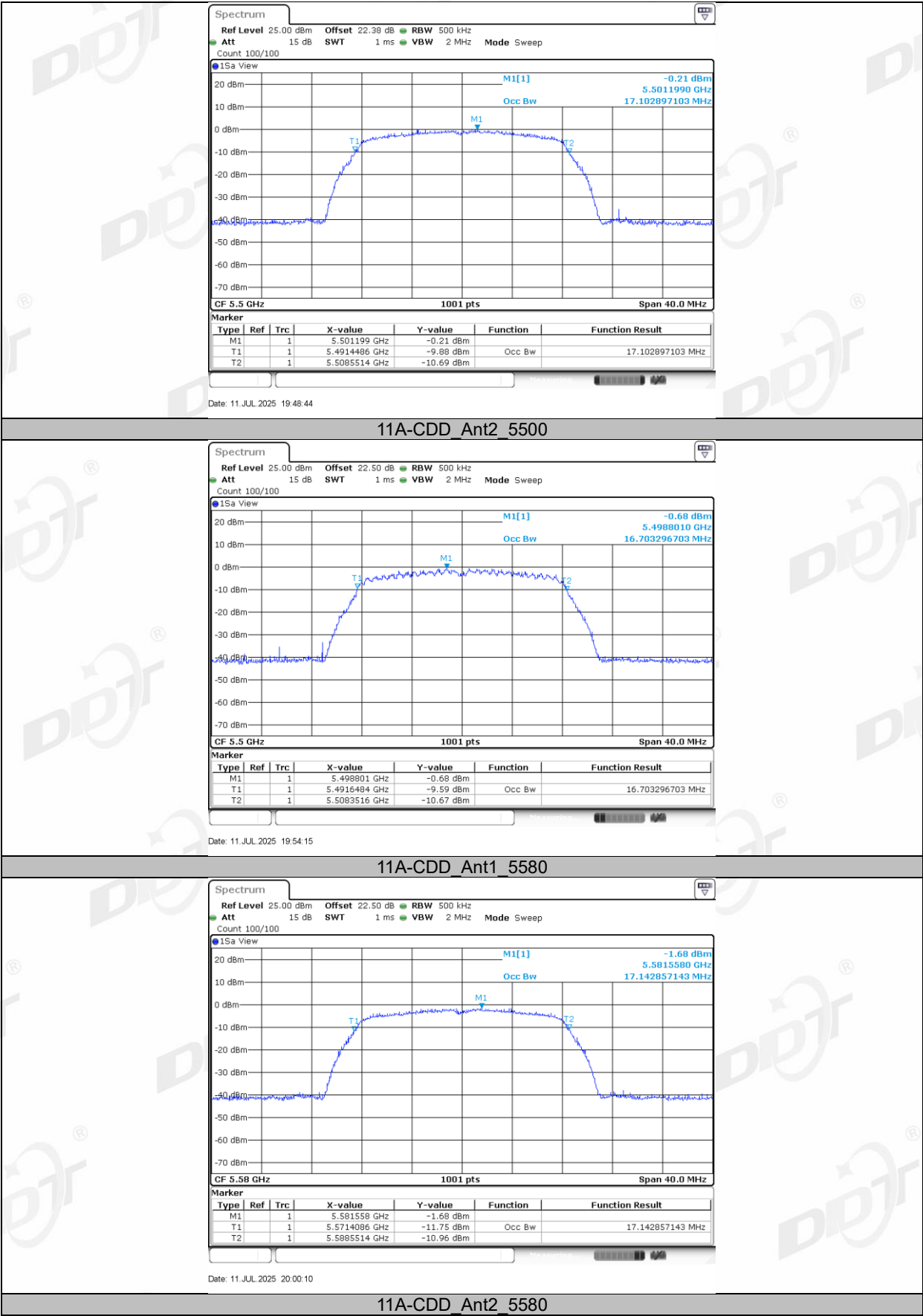
11A-CDD_Ant1_5320

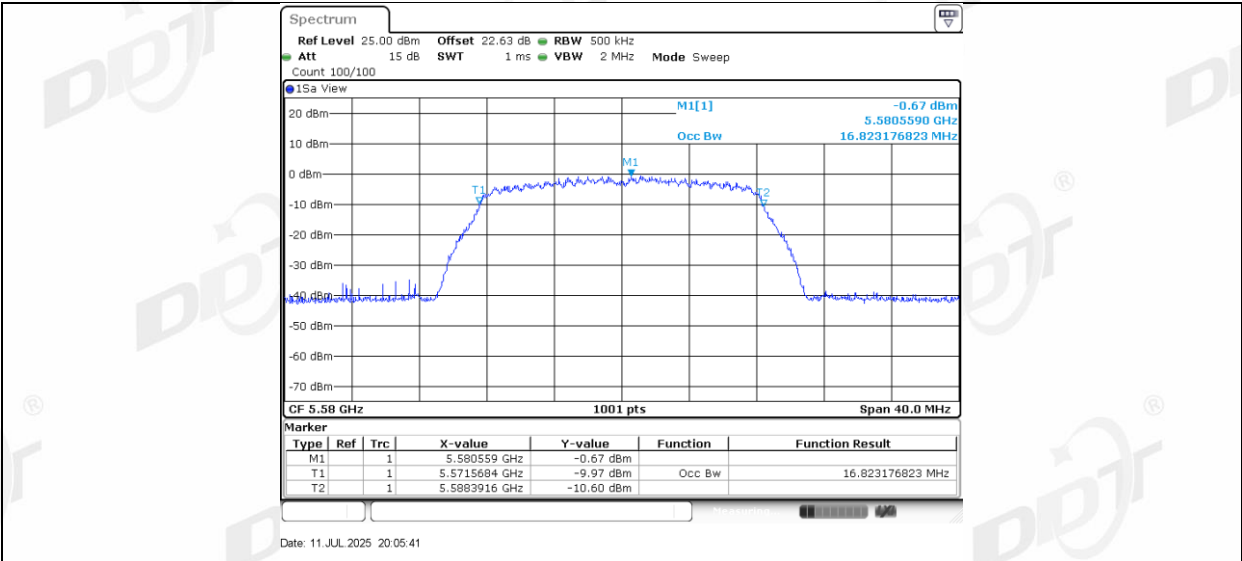


11A-CDD_Ant2_5320

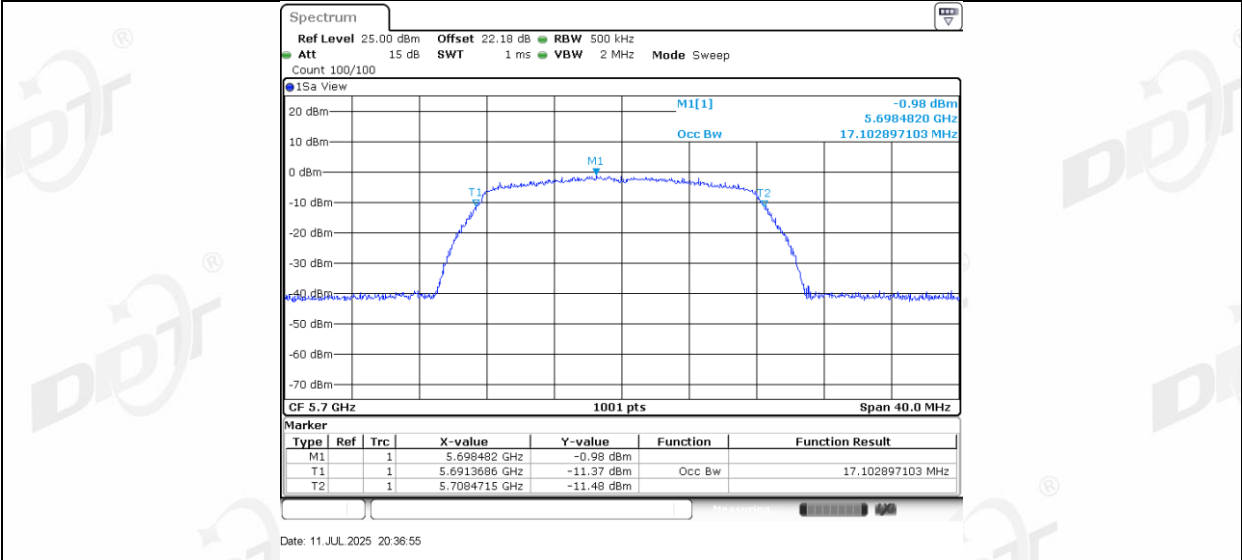


11A-CDD_Ant1_5500

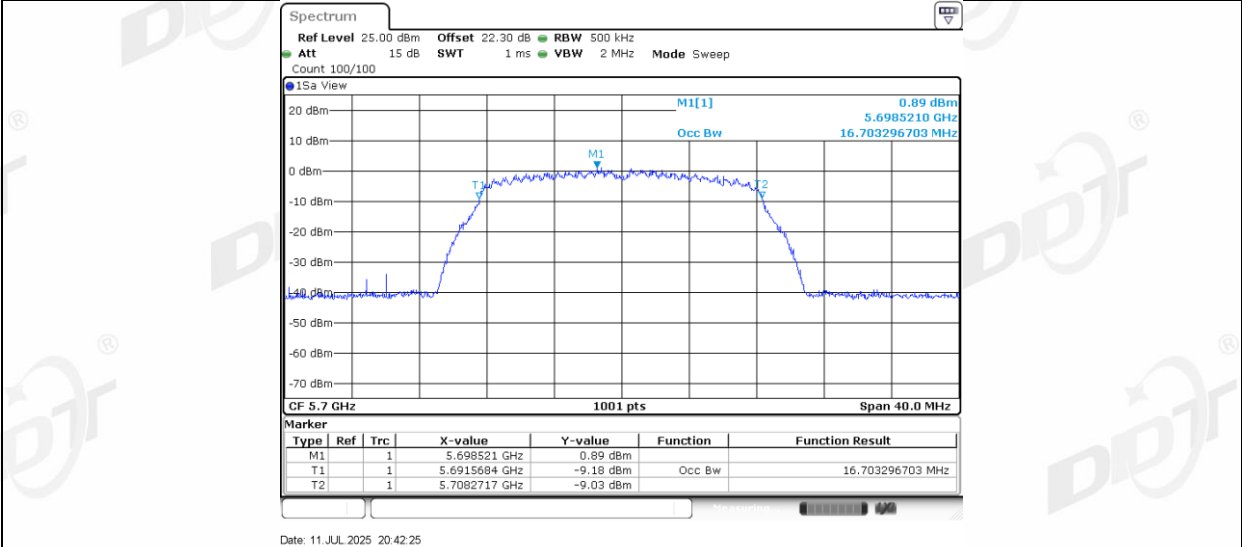




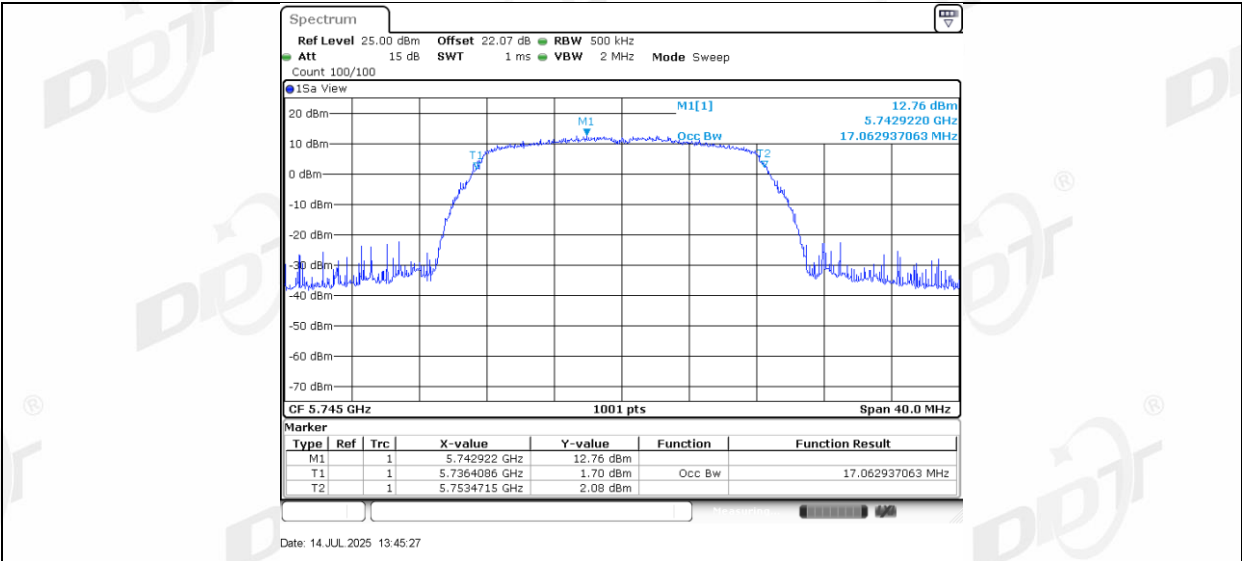
11A-CDD_Ant1_5700



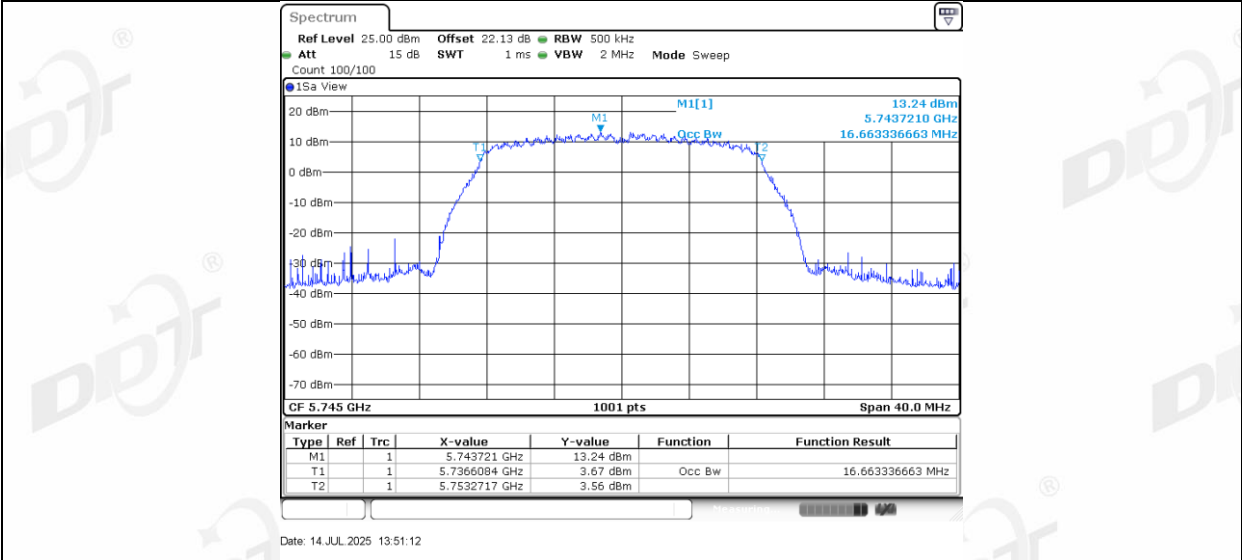
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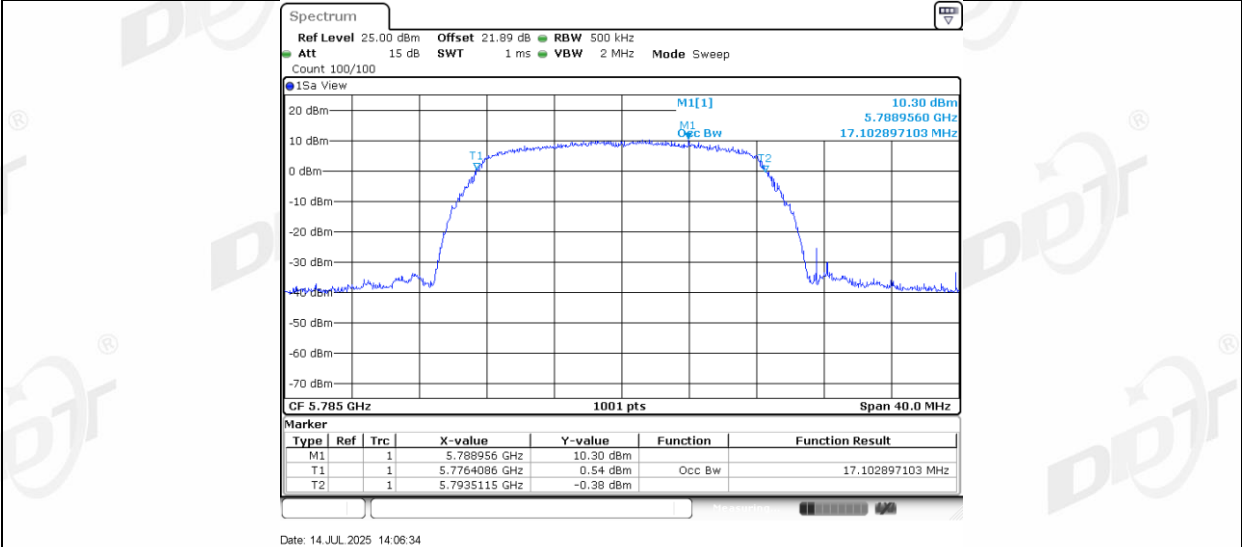
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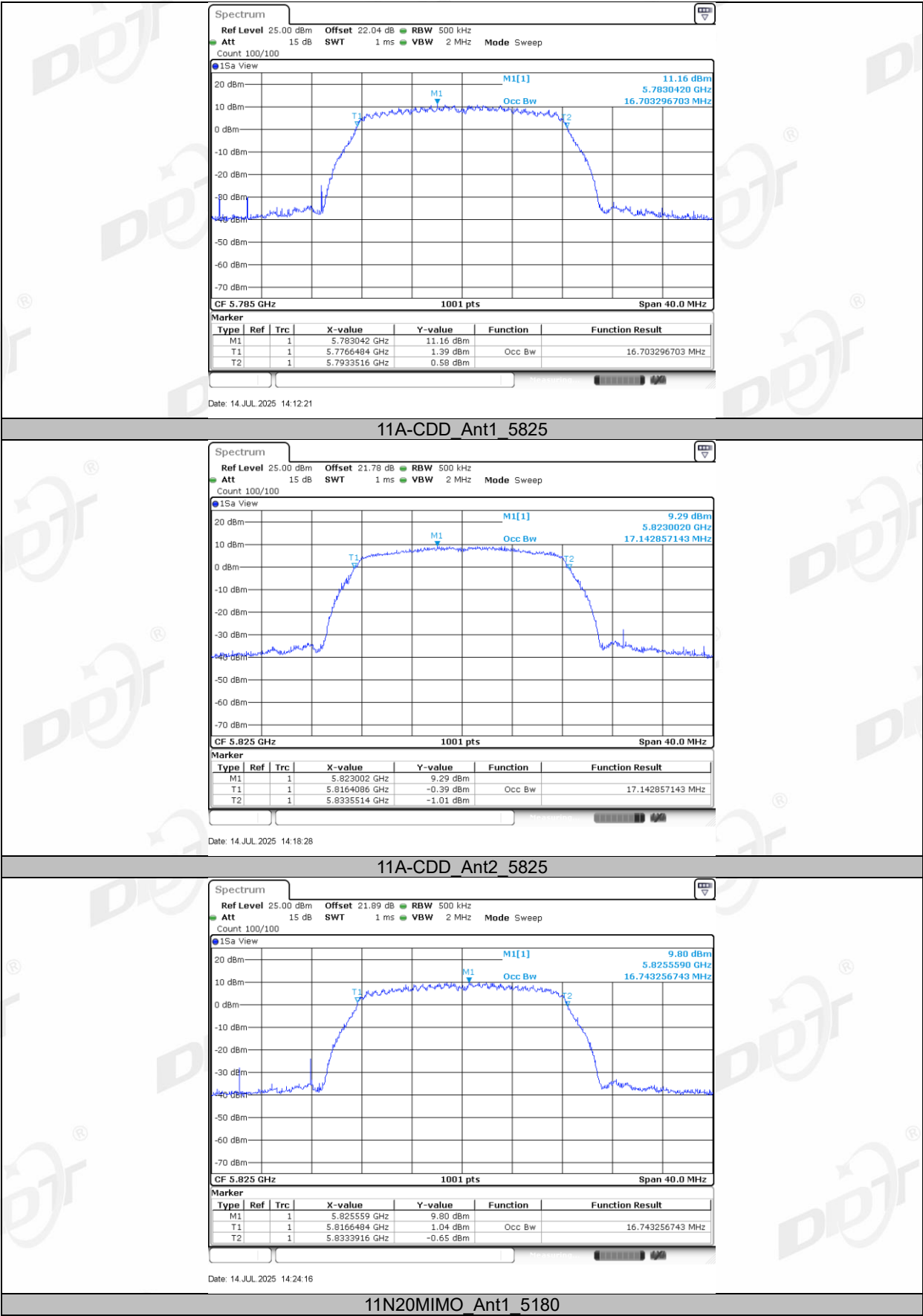
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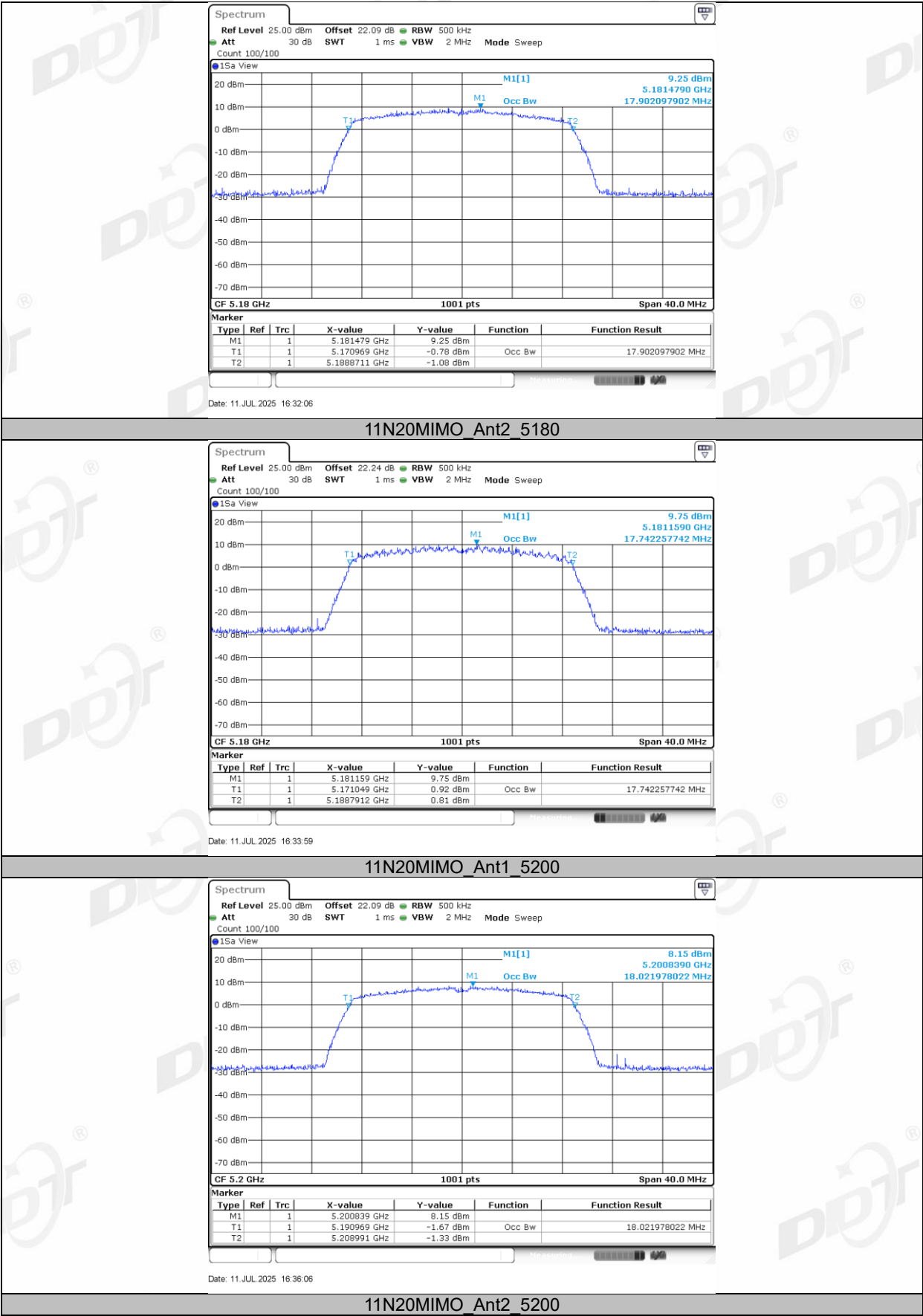


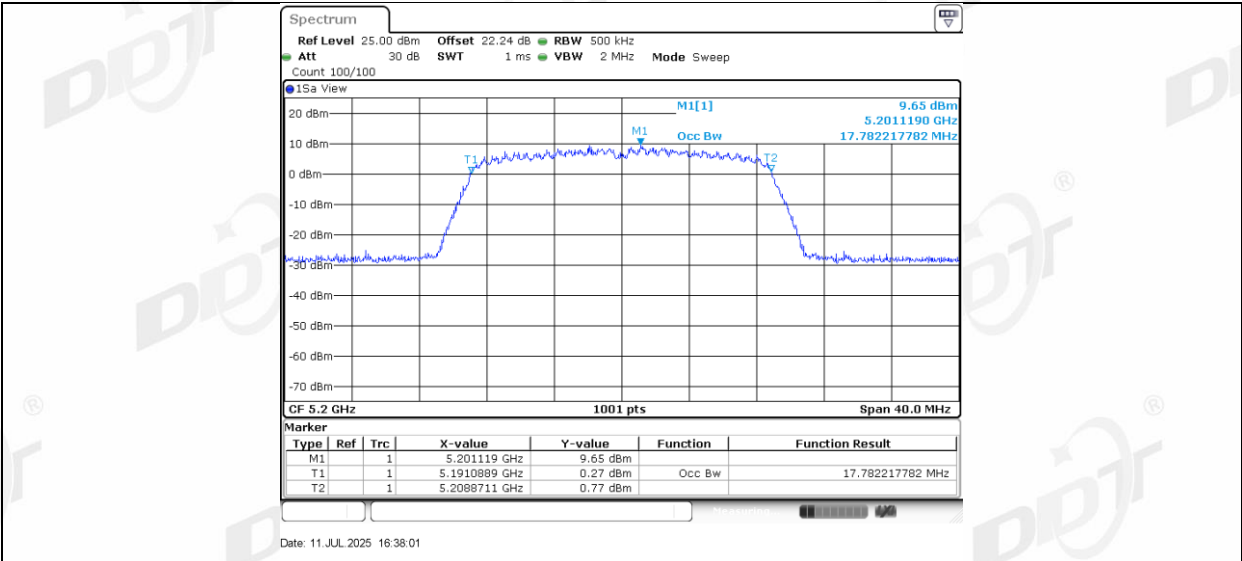
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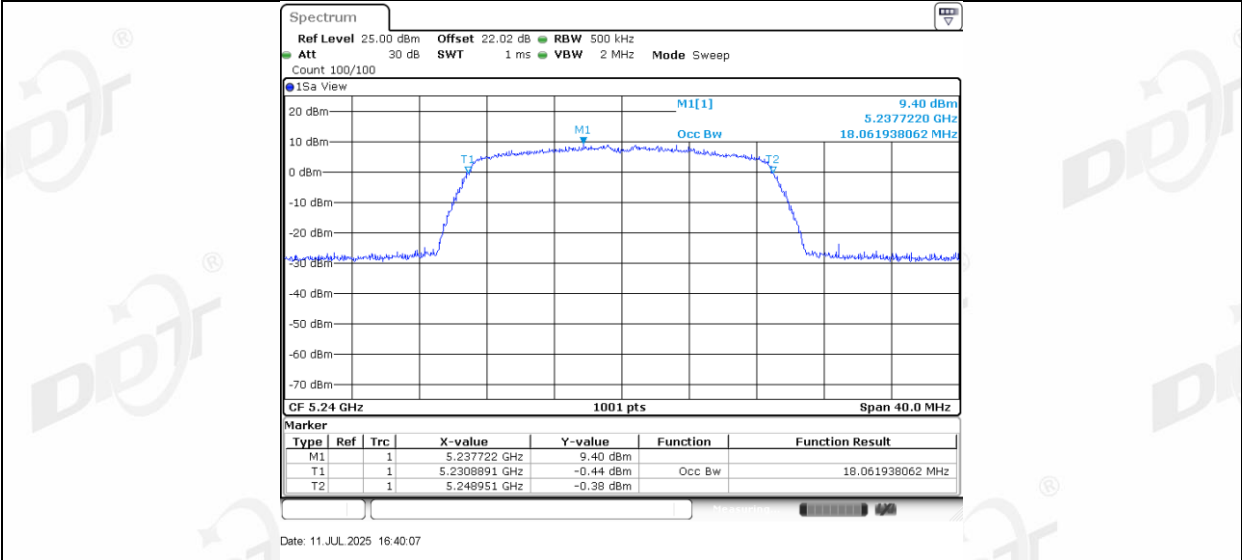
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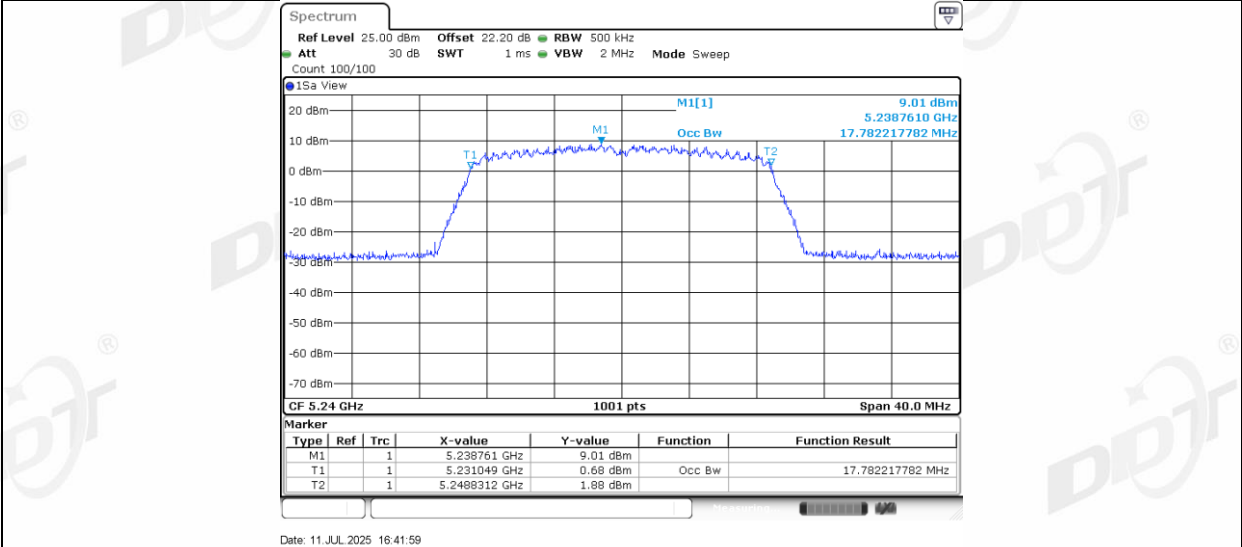




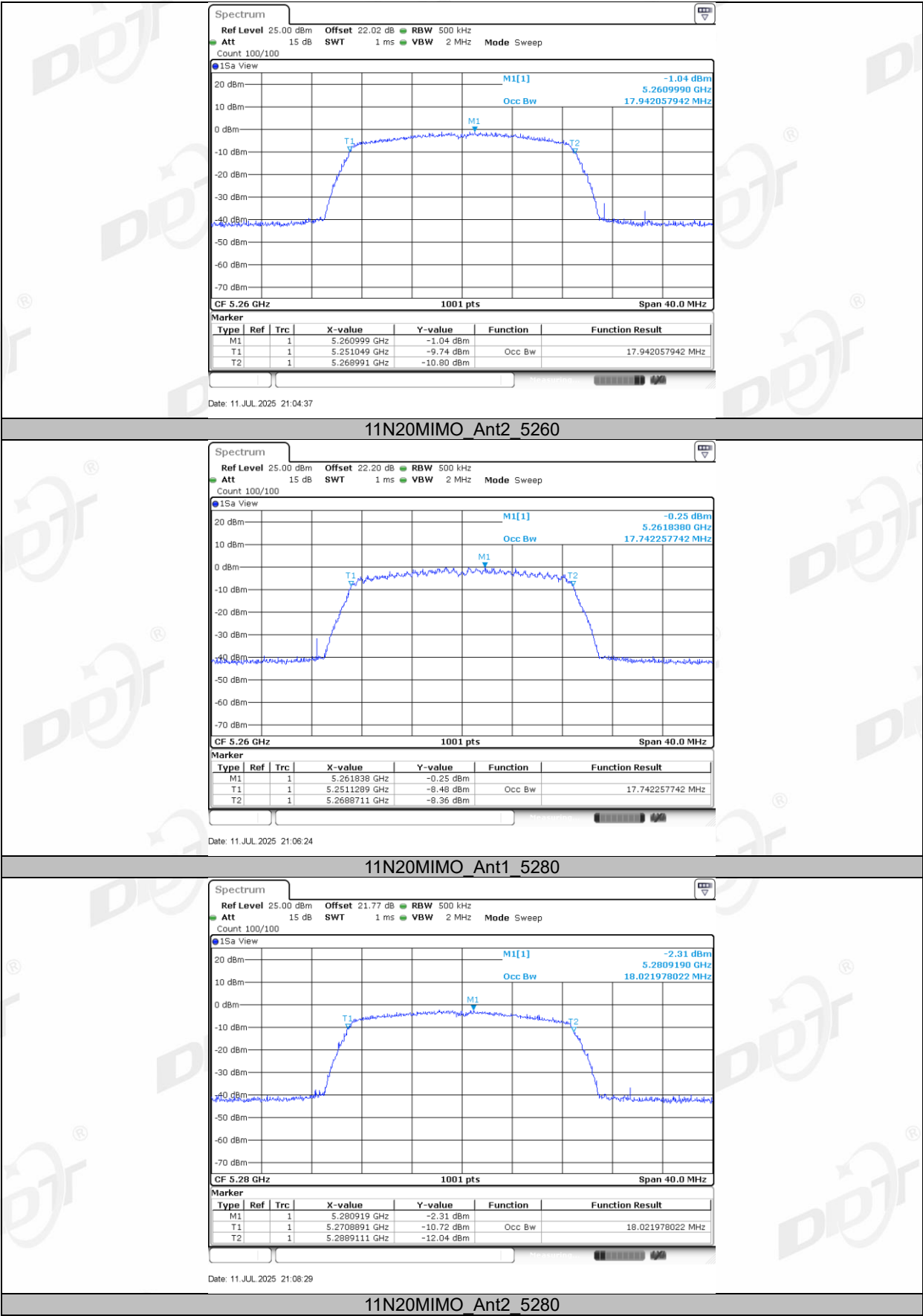
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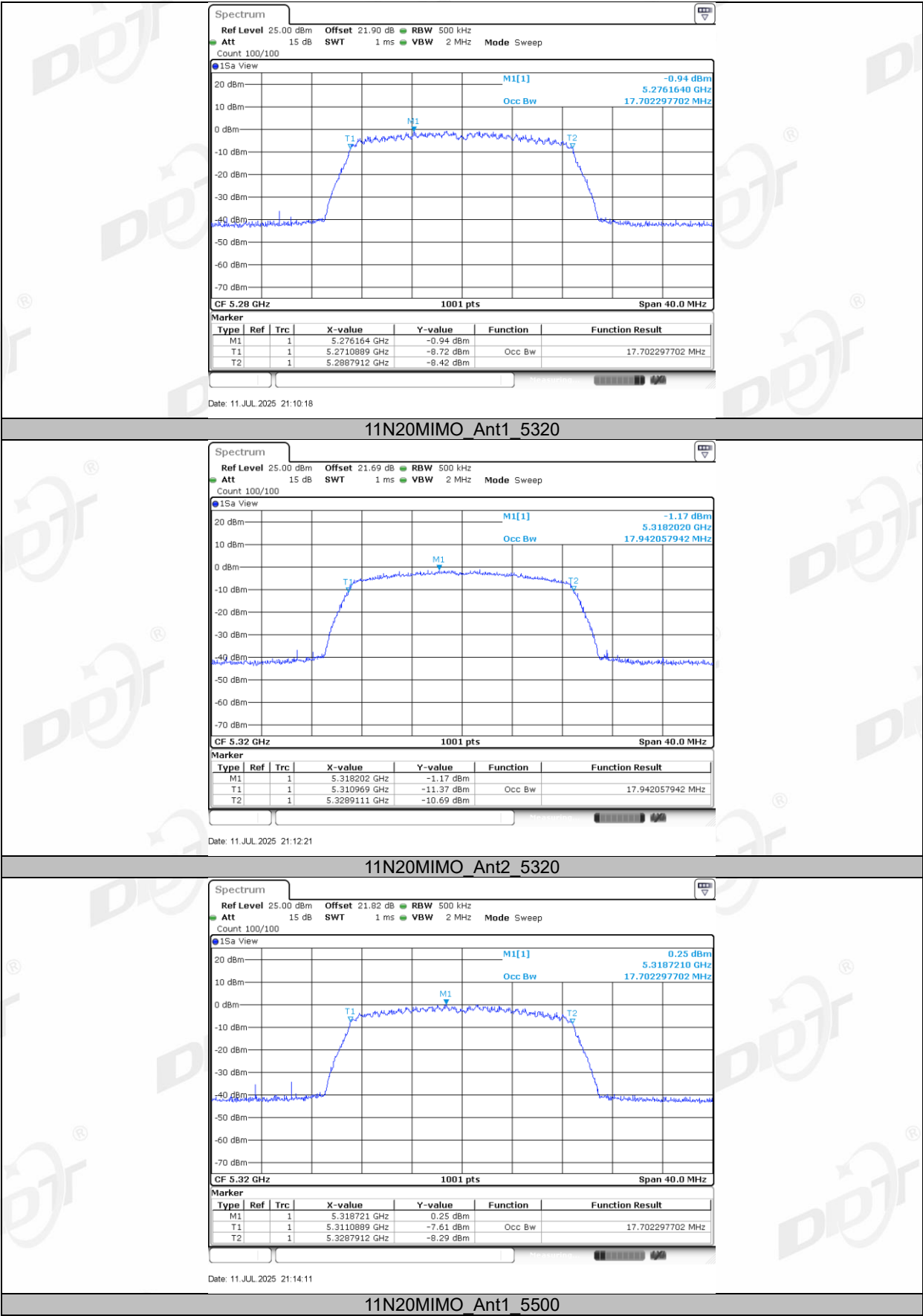


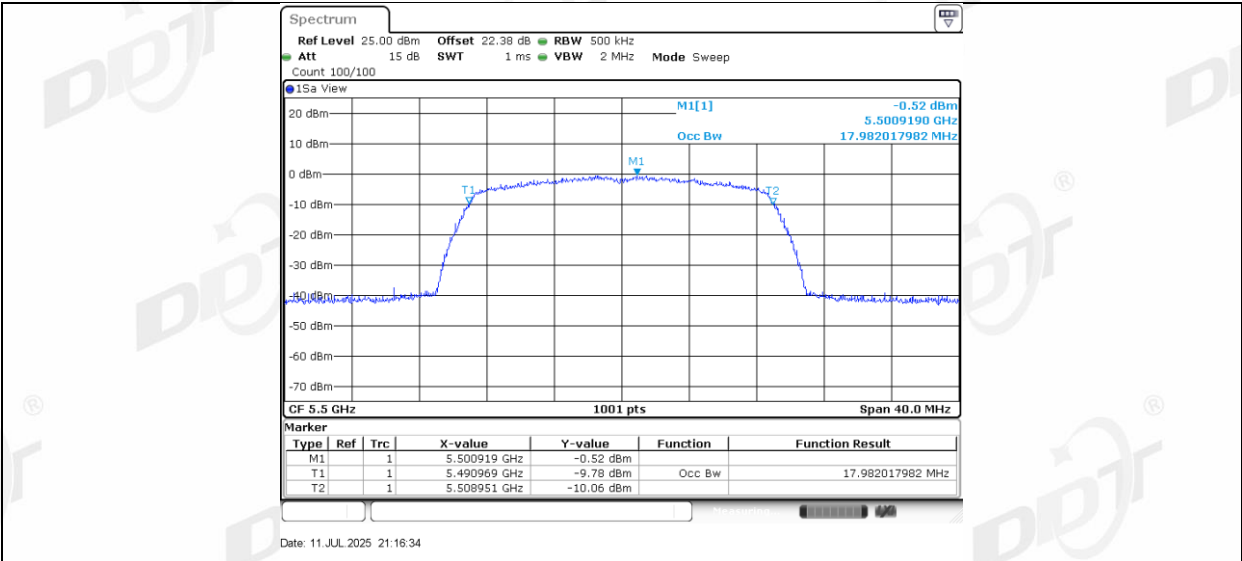
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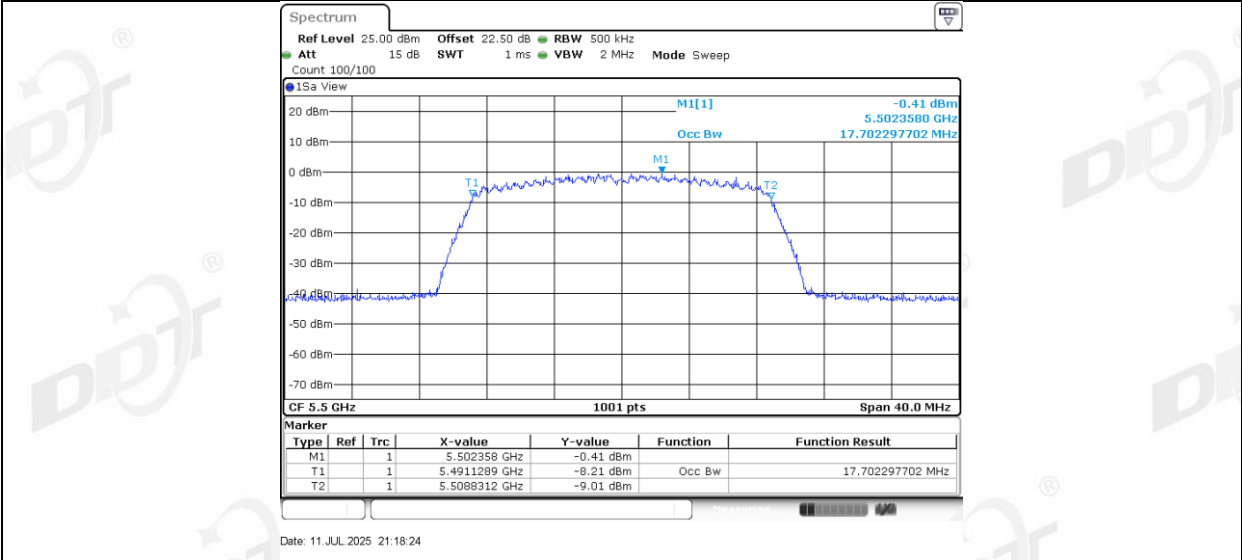
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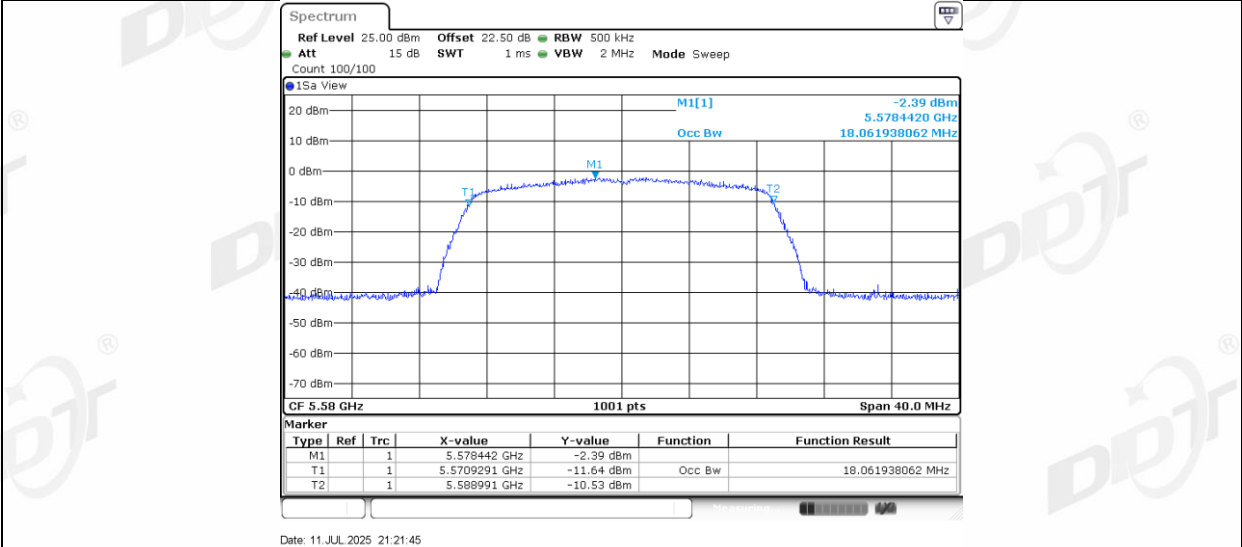




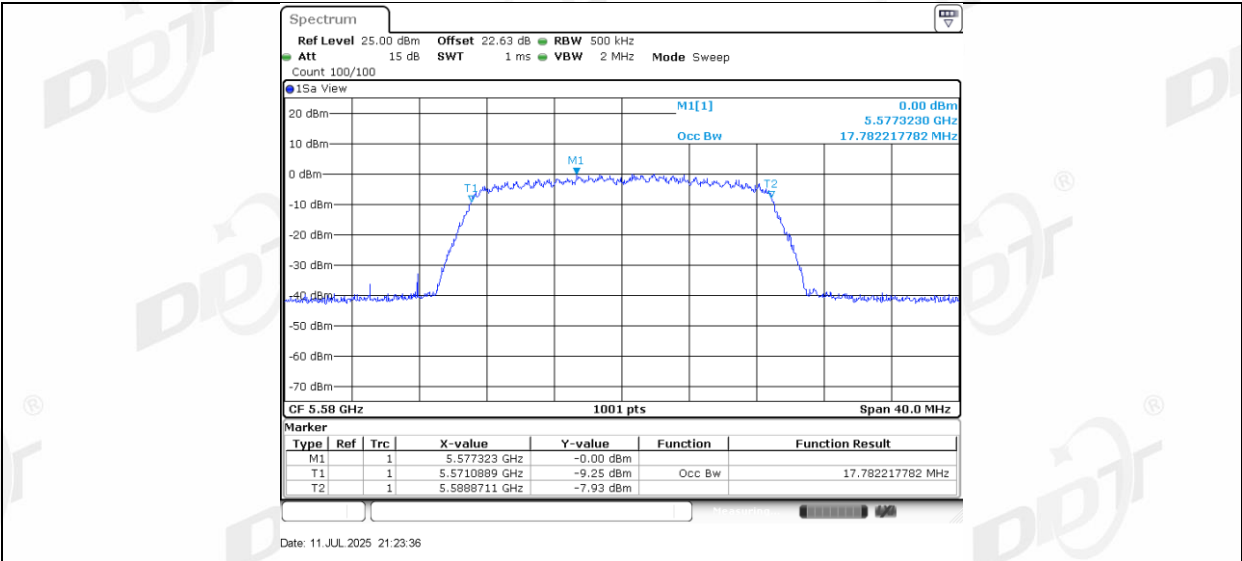
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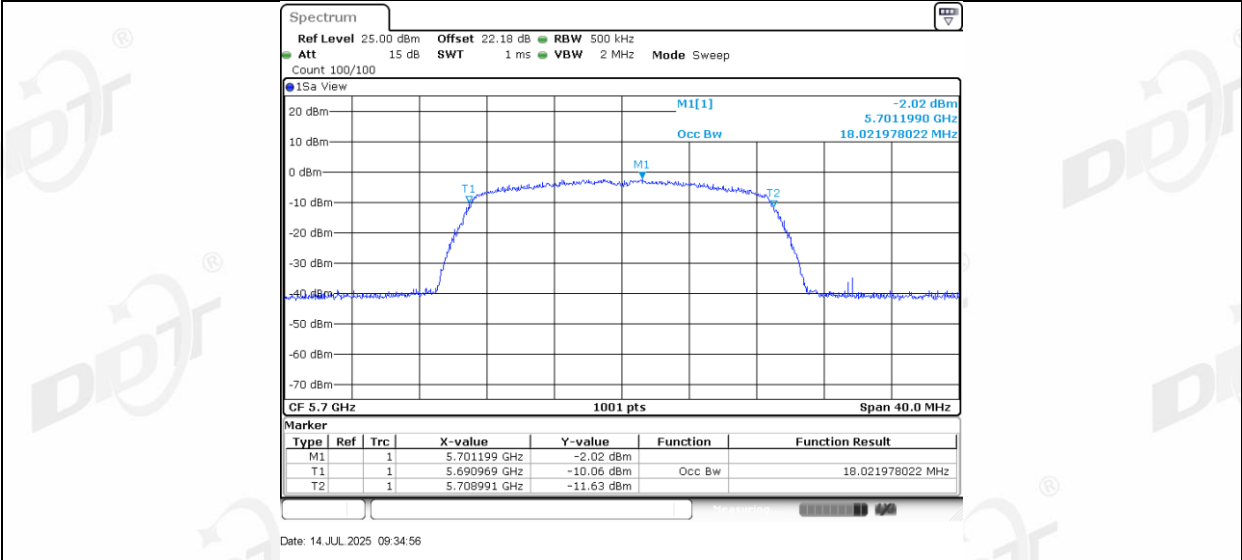
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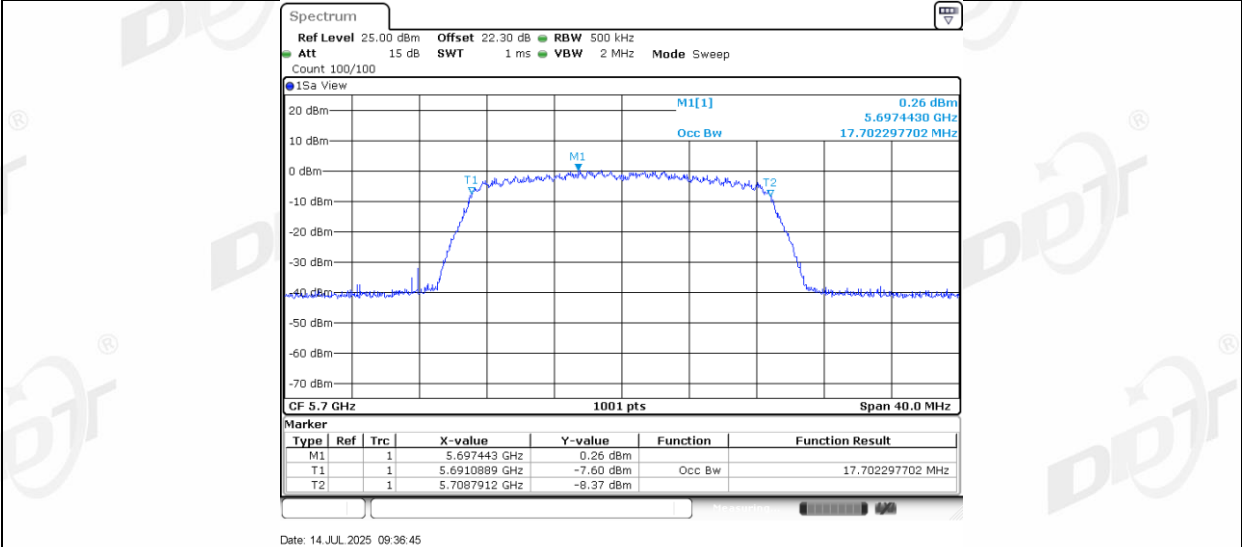
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11N20MIMO_Ant1_5700



11N20MIMO_Ant2_5700



11N20MIMO_Ant1_5745

