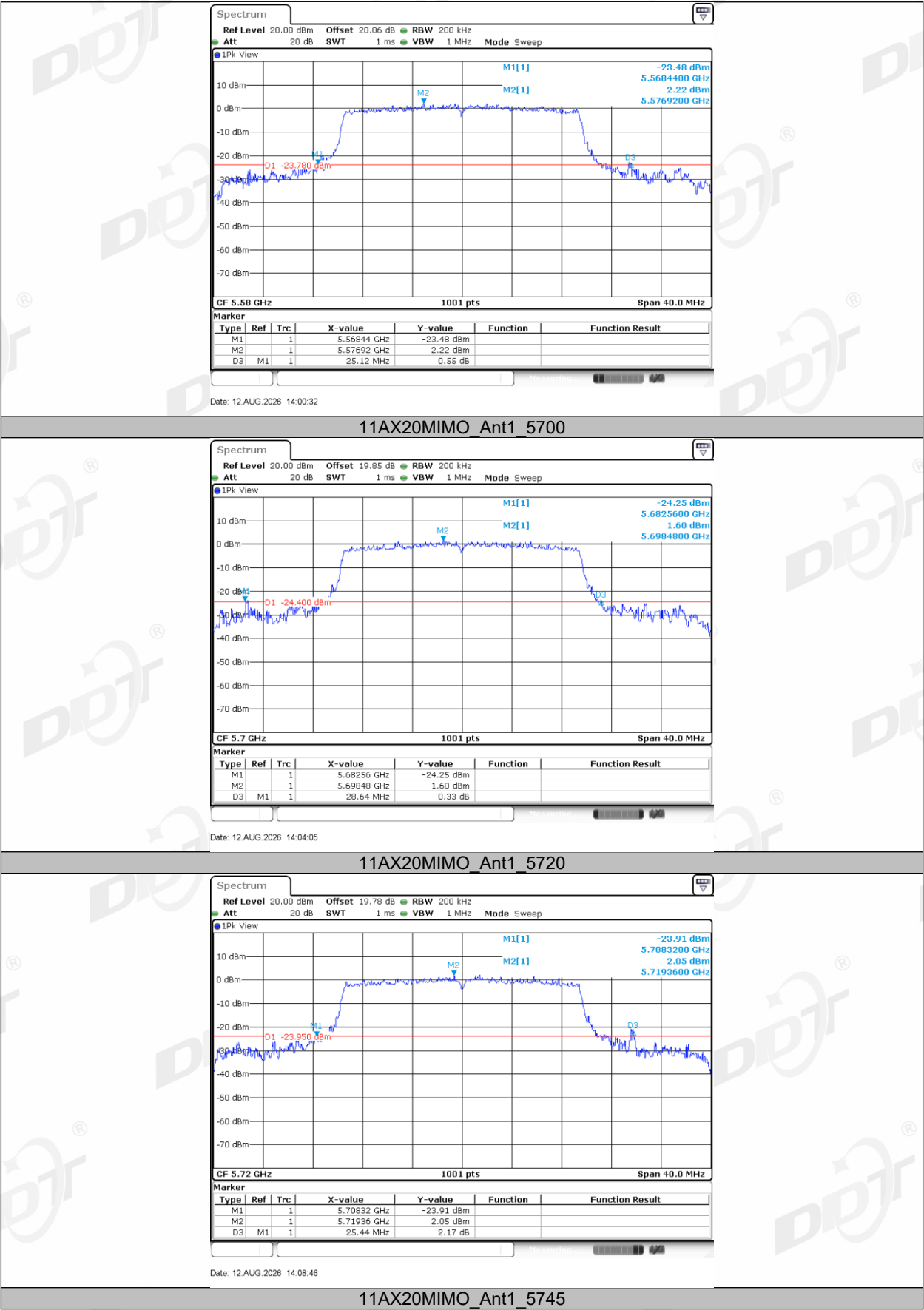
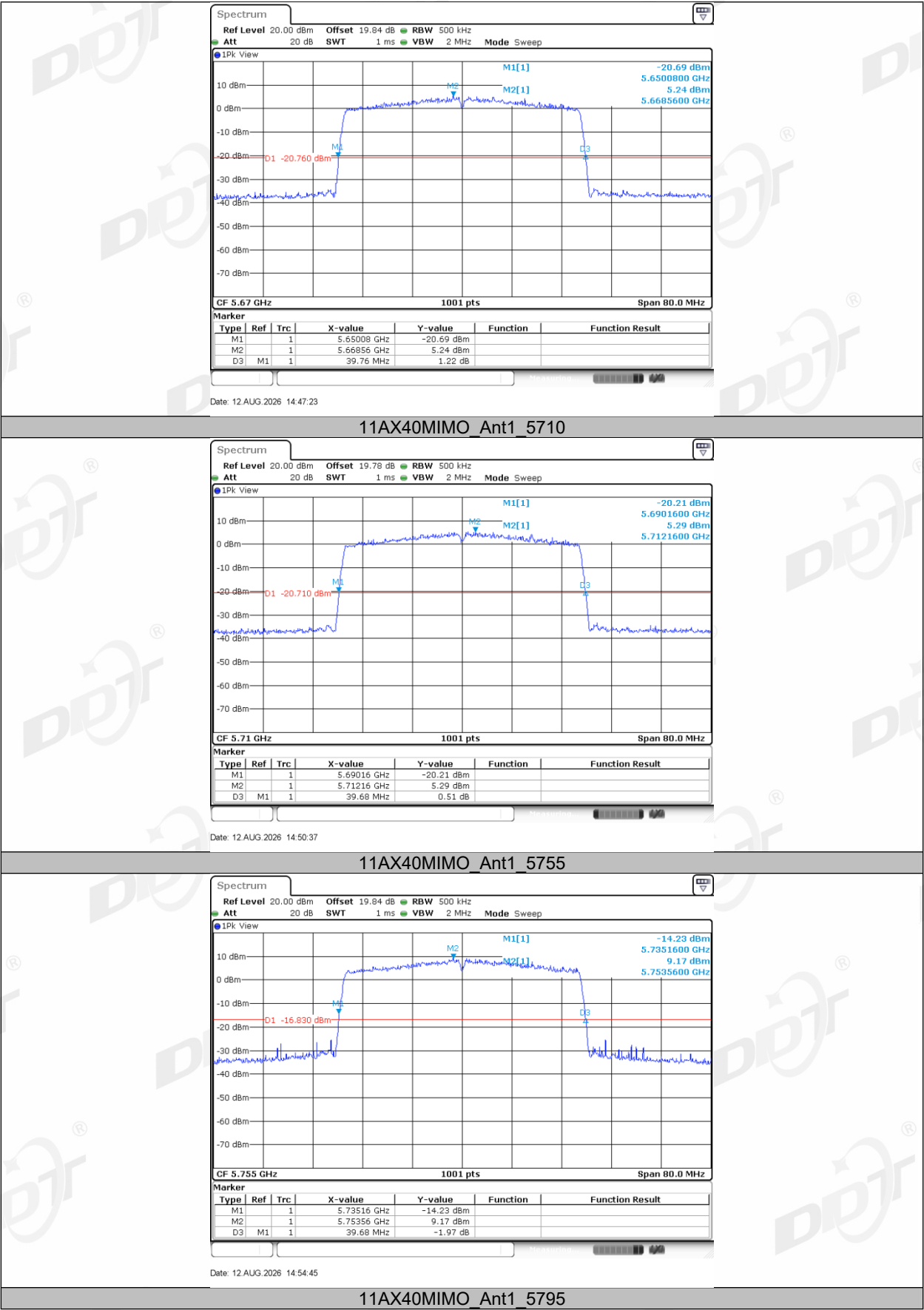


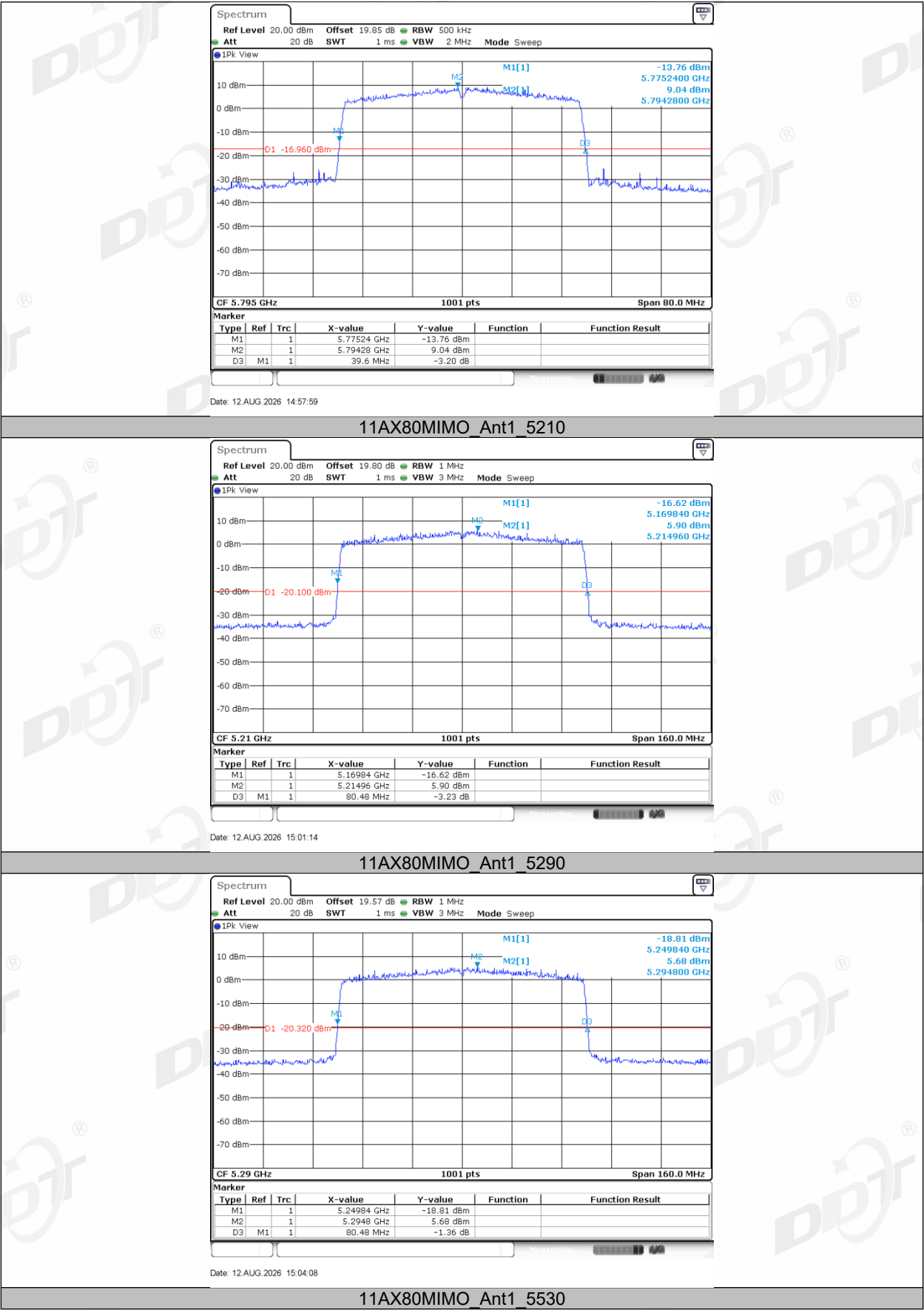




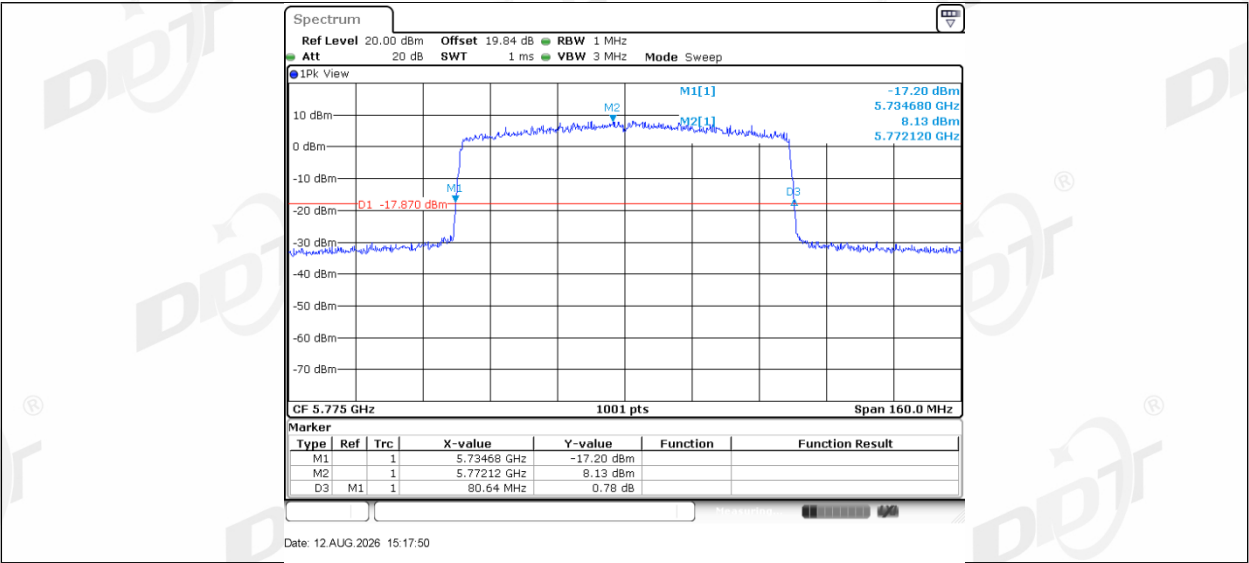






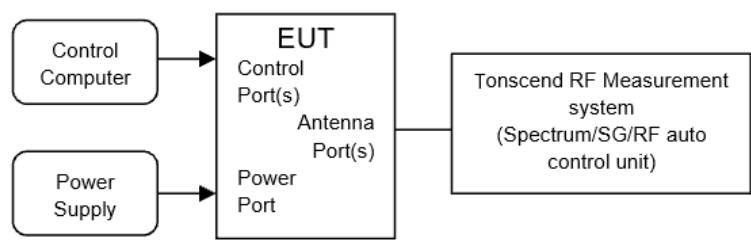






5. 6dB Bandwidth

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.

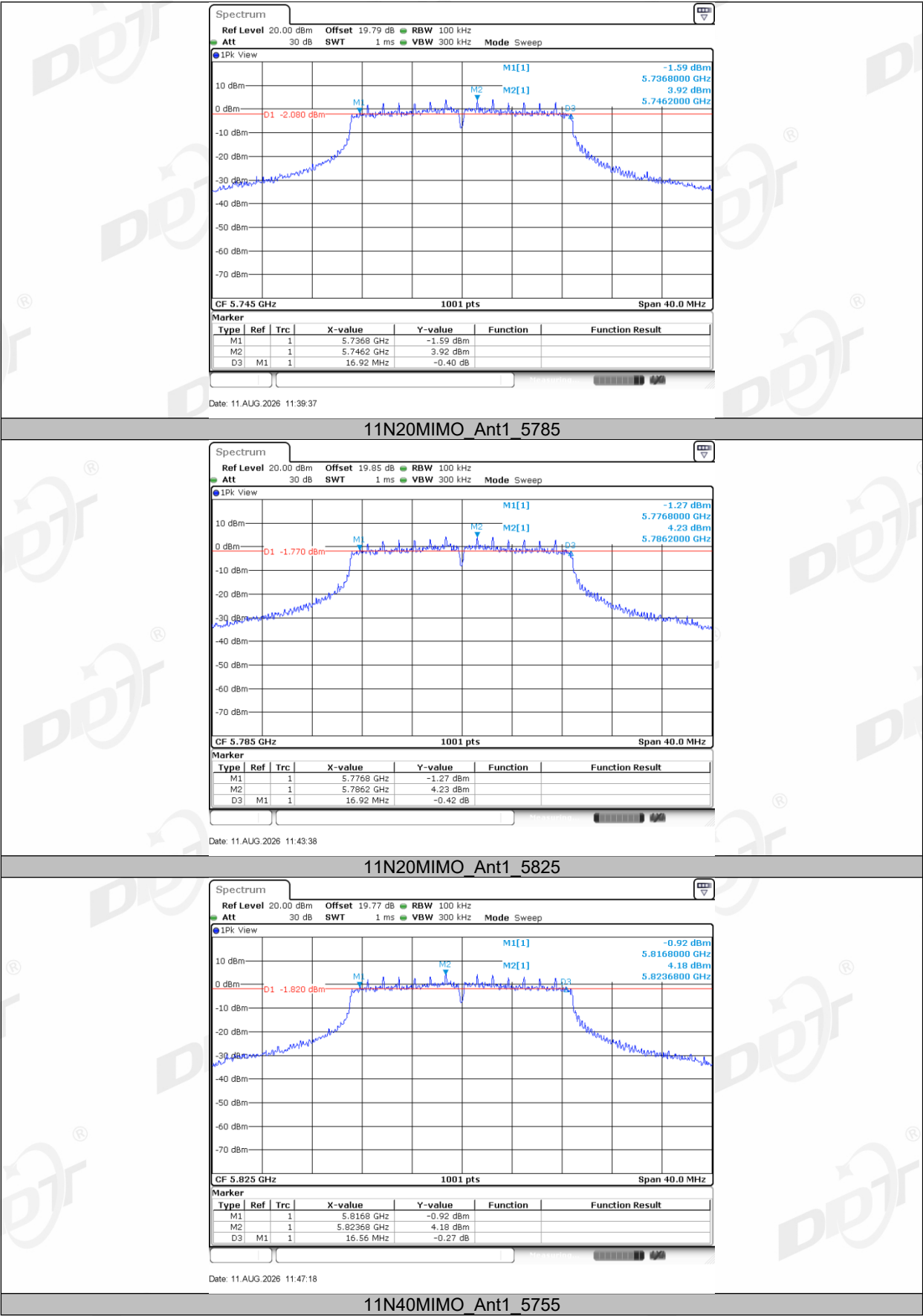
5.4. Test result B4

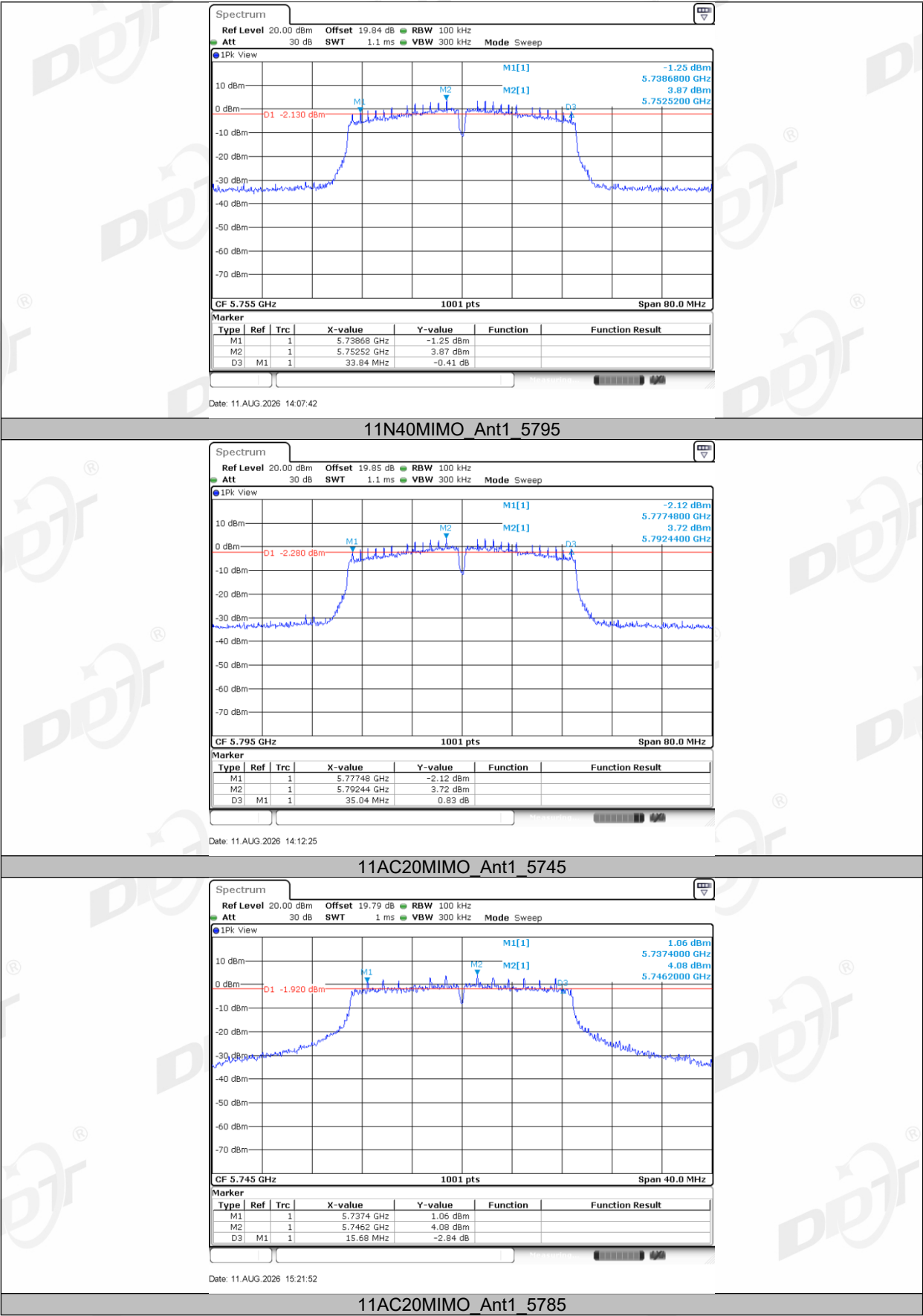
Test Engineer:	Zora Zhang	Test Site:	RF Measurement System 3#
Ambient Condition:	27.5℃,50.9%RH	Test Date:	2026.8.8-2026.8.19
Test Power Supply:	DC 5V	Sample Number:	S26072701-002

Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.04	5737.08	5753.12	0.5	PASS
		5785	16.00	5777.08	5793.08	0.5	PASS
		5825	16.24	5816.84	5833.08	0.5	PASS
11N20MIMO	Ant1	5745	16.92	5736.80	5753.72	0.5	PASS
		5785	16.92	5776.80	5793.72	0.5	PASS
		5825	16.56	5816.80	5833.36	0.5	PASS
11N40MIMO	Ant1	5755	33.84	5738.68	5772.52	0.5	PASS
		5795	35.04	5777.48	5812.52	0.5	PASS
11AC20MIMO	Ant1	5745	15.68	5737.40	5753.08	0.5	PASS
		5785	16.64	5777.08	5793.72	0.5	PASS
		5825	16.96	5816.52	5833.48	0.5	PASS
11AC40MIMO	Ant1	5755	35.04	5737.48	5772.52	0.5	PASS
		5795	35.04	5777.48	5812.52	0.5	PASS
11AC80MIMO	Ant1	5775	75.20	5737.40	5812.60	0.5	PASS
11AX20MIMO	Ant1	5745	18.80	5735.52	5754.32	0.5	PASS
		5785	18.68	5775.68	5794.36	0.5	PASS
		5825	18.80	5815.60	5834.40	0.5	PASS
11AX40MIMO	Ant1	5755	35.12	5737.40	5772.52	0.5	PASS
		5795	36.08	5776.60	5812.68	0.5	PASS
11AX80MIMO	Ant1	5775	75.52	5737.40	5812.92	0.5	PASS

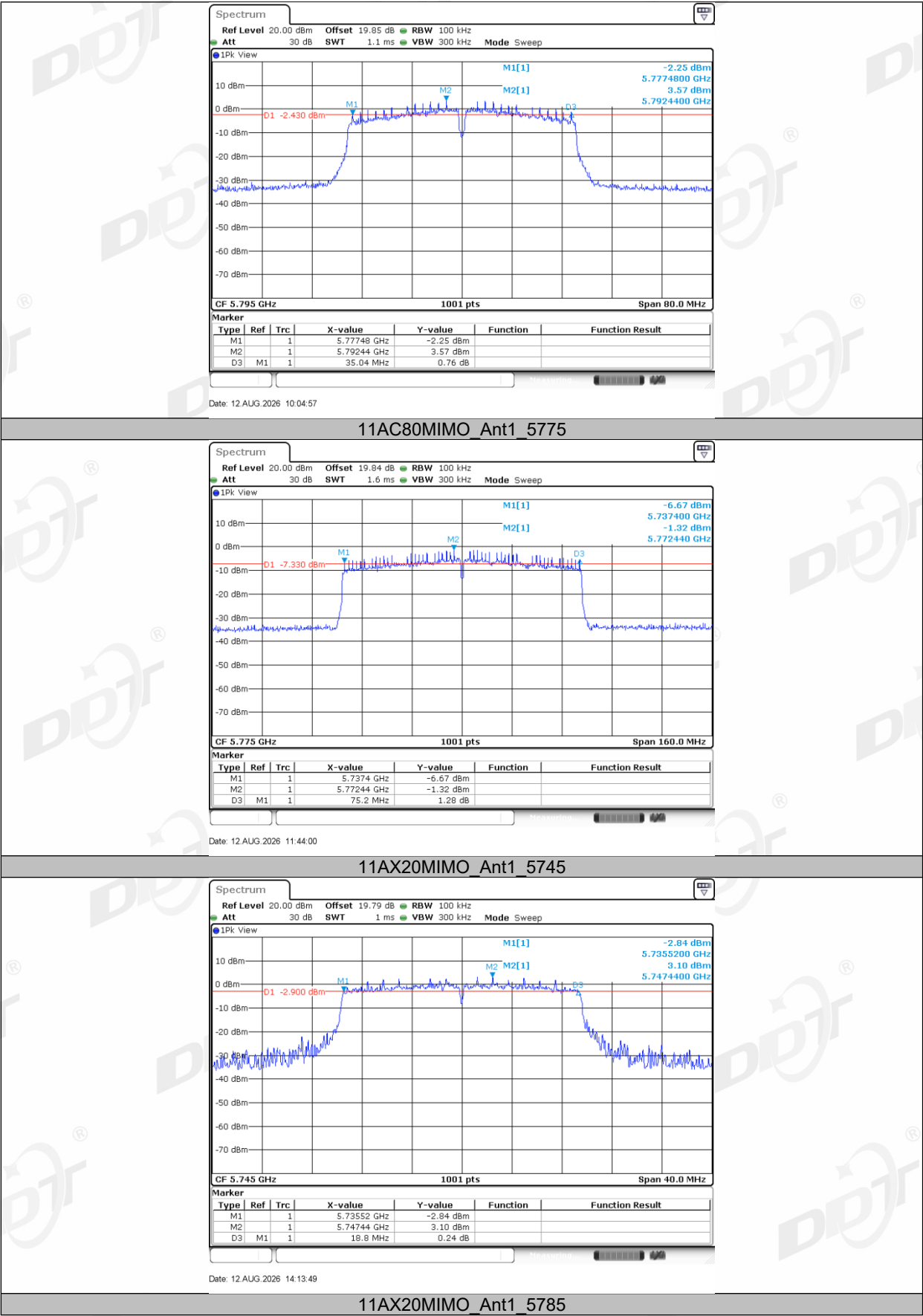
5.5. Test graphs B4

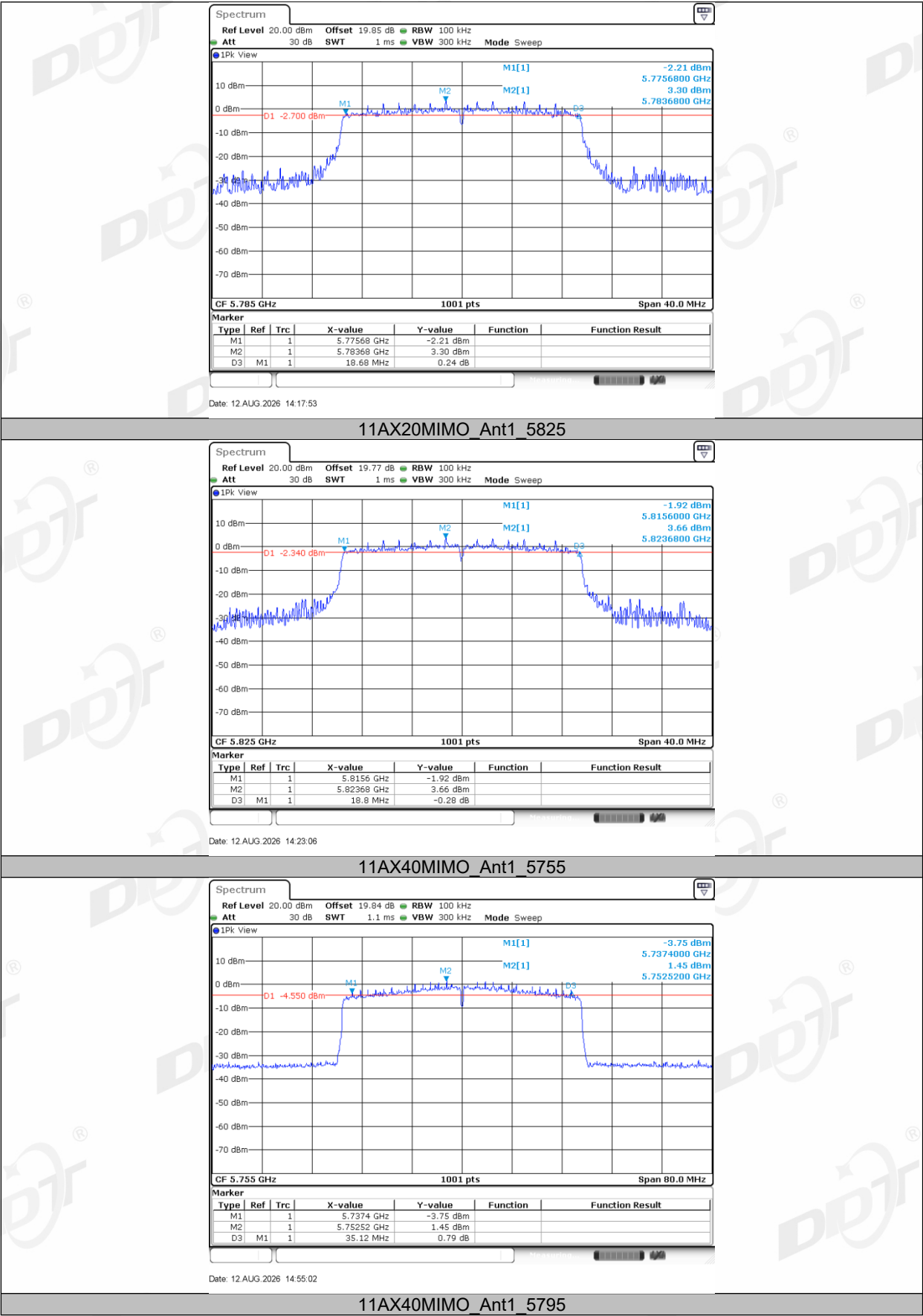








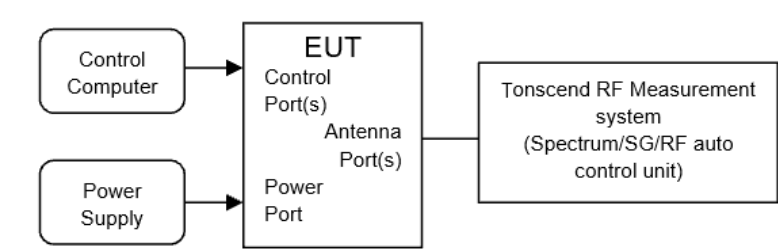






6. 99% Bandwidth

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:	Zora Zhang	Test Site:	RF Measurement System 3#
Ambient Condition:	27.5℃,50.9%RH	Test Date:	2026.8.8-2026.8.19
Test Power Supply:	DC 5V	Sample Number:	S26072701-002

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.181	5170.2897	5189.4705	---	---
		5200	19.261	5190.2897	5209.5504	---	---
		5240	17.223	5231.3287	5248.5514	---	---
		5260	19.181	5250.3297	5269.5105	---	---
		5280	19.301	5270.2498	5289.5504	---	---
		5320	19.301	5310.2498	5329.5504	---	---
		5500	19.301	5490.2498	5509.5504	---	---
		5580	19.221	5570.2897	5589.5105	---	---
		5700	19.301	5690.2498	5709.5504	---	---
		5720	19.181	5710.2897	5729.4705	---	---
		5720 UNII-2C	14.71	5710.2897	5725	---	---
		5720 UNII-3	4.471	5725	5729.4705	---	---
		5745	19.261	5735.2897	5754.5504	---	---
		5785	19.341	5775.2098	5794.5504	---	---
		5825	19.301	5815.2498	5834.5504	---	---
11N20MIMO	Ant1	5180	20.100	5169.8901	5189.9900	---	---
		5200	20.180	5189.9301	5210.1099	---	---
		5240	18.022	5230.9291	5248.9510	---	---
		5260	20.060	5250.0100	5270.0699	---	---
		5280	20.220	5269.8901	5290.1099	---	---
		5320	20.180	5309.9301	5330.1099	---	---
		5500	20.140	5489.8901	5510.0300	---	---
		5580	20.180	5569.9301	5590.1099	---	---
		5700	20.100	5689.9700	5710.0699	---	---
		5720	20.140	5709.8901	5730.0300	---	---
		5720 UNII-2C	15.11	5709.8901	5725	---	---
		5720 UNII-3	5.03	5725	5730.0300	---	---
		5745	20.100	5735.0100	5755.1099	---	---
		5785	20.140	5774.9301	5795.0699	---	---
		5825	20.180	5814.8901	5835.0699	---	---
11N40MIMO	Ant1	5190	35.964	5172.0180	5207.9820	---	---
		5230	35.964	5212.0180	5247.9820	---	---
		5270	35.964	5252.0180	5287.9820	---	---
		5310	35.884	5292.0979	5327.9820	---	---
		5510	35.964	5492.0180	5527.9820	---	---
		5550	35.964	5532.0180	5567.9820	---	---
		5670	35.964	5652.0180	5687.9820	---	---
		5710	35.884	5692.0180	5727.9021	---	---
		5710 UNII-2C	32.982	5692.0180	5725	---	---
		5710 UNII-3	2.902	5725	5727.9021	---	---
		5755	35.964	5737.0180	5772.9820	---	---
		5795	35.964	5777.0180	5812.9820	---	---
11AC20MIMO	Ant1	5180	19.780	5170.0100	5189.7902	---	---
		5200	19.900	5190.0899	5209.9900	---	---
		5240	17.982	5230.9690	5248.9510	---	---
		5260	19.740	5250.1299	5269.8701	---	---
		5280	19.820	5270.0500	5289.8701	---	---
		5320	19.940	5310.0500	5329.9900	---	---
		5500	19.820	5490.0500	5509.8701	---	---
		5580	19.740	5570.1299	5589.8701	---	---
		5700	19.900	5690.0500	5709.9500	---	---
		5720	19.820	5710.0100	5729.8302	---	---
		5720 UNII-2C	14.99	5710.0100	5725	---	---
		5720 UNII-3	4.83	5725	5729.8302	---	---
		5745	19.780	5735.1299	5754.9101	---	---

11AC40MIM O	Ant1	5785	19.780	5775.0899	5794.8701	---	---
		5825	19.780	5815.0500	5834.8302	---	---
		5190	35.884	5172.0979	5207.9820	---	---
		5230	35.884	5212.0180	5247.9021	---	---
		5270	35.804	5252.0979	5287.9021	---	---
		5310	35.804	5292.0979	5327.9021	---	---
		5510	35.884	5492.0180	5527.9021	---	---
		5550	35.884	5532.0180	5567.9021	---	---
		5670	35.884	5652.0180	5687.9021	---	---
		5710	35.884	5692.0180	5727.9021	---	---
		5710 UNII-2C	32.982	5692.0180	5725	---	---
		5710 UNII-3	2.902	5725	5727.9021	---	---
		5755	35.884	5737.0180	5772.9021	---	---
		5795	35.884	5777.0180	5812.9021	---	---
		5210	75.285	5172.2777	5247.5624	---	---
11AC80MIM O	Ant1	5290	75.285	5252.4376	5327.7223	---	---
		5530	75.285	5492.2777	5567.5624	---	---
		5610	75.445	5572.2777	5647.7223	---	---
		5690	75.125	5652.4376	5727.5624	---	---
		5690 UNII-2C	72.562	5652.4376	5725	---	---
		5690 UNII-3	2.562	5725	5727.5624	---	---
		5775	75.125	5737.4376	5812.5624	---	---
		5180	19.381	5170.2498	5189.6304	---	---
11AX20MIM O	Ant1	5200	19.381	5190.2498	5209.6304	---	---
		5240	18.941	5230.4895	5249.4306	---	---
		5260	19.461	5250.2498	5269.7103	---	---
		5280	19.381	5270.2897	5289.6703	---	---
		5320	19.421	5310.2498	5329.6703	---	---
		5500	19.421	5490.2897	5509.7103	---	---
		5580	19.421	5570.2498	5589.6703	---	---
		5700	19.421	5690.2897	5709.7103	---	---
		5720	19.421	5710.2498	5729.6703	---	---
		5720 UNII-2C	14.75	5710.2498	5725	---	---
		5720 UNII-3	4.67	5725	5729.6703	---	---
		5745	19.421	5735.2498	5754.6703	---	---
		5785	19.461	5775.2498	5794.7103	---	---
		5825	19.461	5815.2098	5834.6703	---	---
11AX40MIM O	Ant1	5190	37.642	5171.1389	5208.7812	---	---
		5230	37.642	5211.1389	5248.7812	---	---
		5270	37.642	5251.1389	5288.7812	---	---
		5310	37.562	5291.2188	5328.7812	---	---
		5510	37.562	5491.2188	5528.7812	---	---
		5550	37.642	5531.1389	5568.7812	---	---
		5670	37.642	5651.1389	5688.7812	---	---
		5710	37.483	5691.2188	5728.7013	---	---
		5710 UNII-2C	33.781	5691.2188	5725	---	---
		5710 UNII-3	3.701	5725	5728.7013	---	---
		5755	37.642	5736.1389	5773.7812	---	---
		5795	37.642	5776.1389	5813.7812	---	---
11AX80MIM O	Ant1	5210	77.203	5171.3187	5248.5215	---	---
		5290	77.203	5251.4785	5328.6813	---	---
		5530	77.203	5491.4785	5568.6813	---	---
		5610	77.203	5571.3187	5648.5215	---	---
		5690	77.043	5651.4785	5728.5215	---	---
		5690 UNII-2C	73.521	5651.4785	5725	---	---
		5690 UNII-3	3.521	5725	5728.5215	---	---
		5775	77.203	5736.4785	5813.6813	---	---

6.5. Test graphs









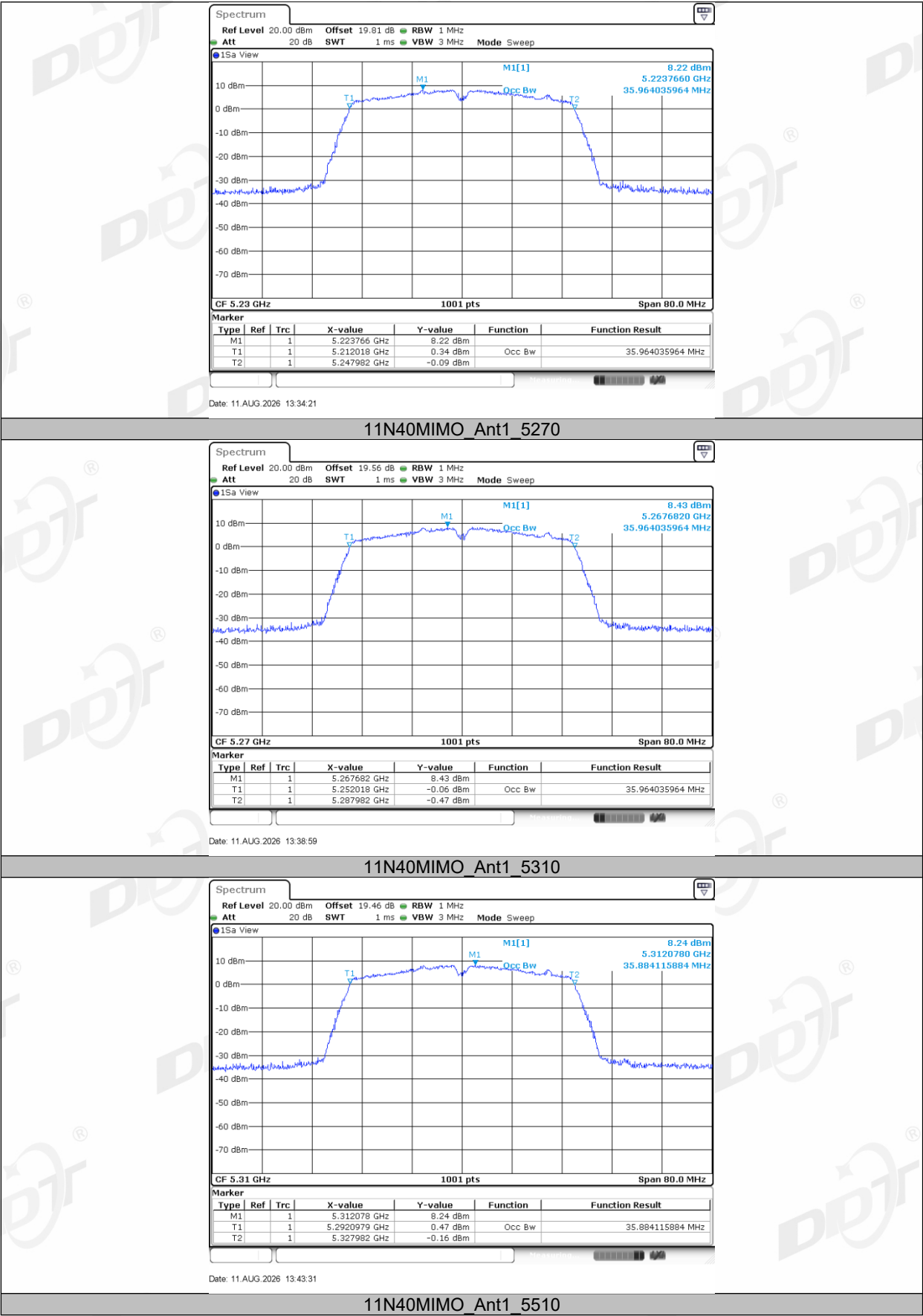


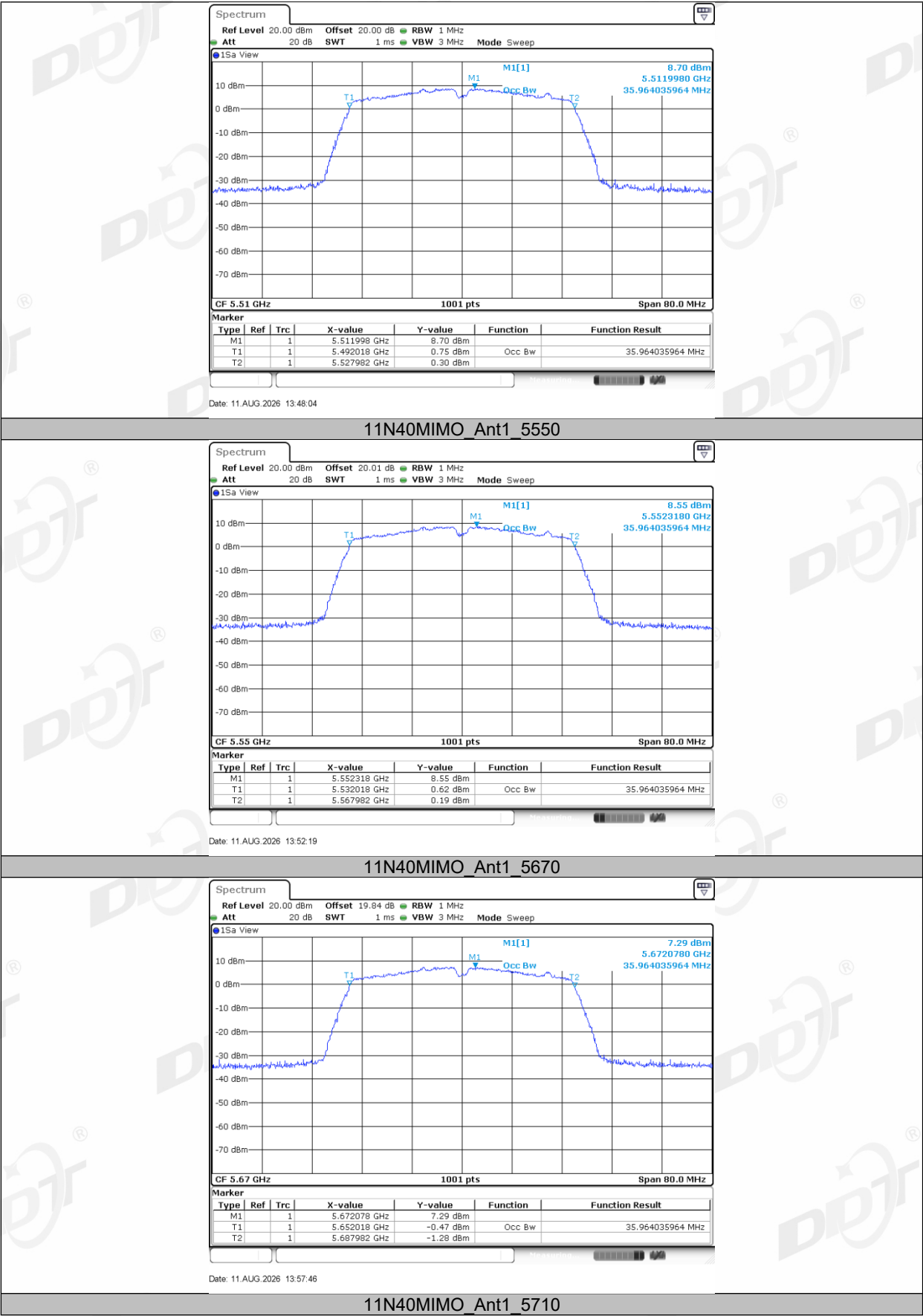


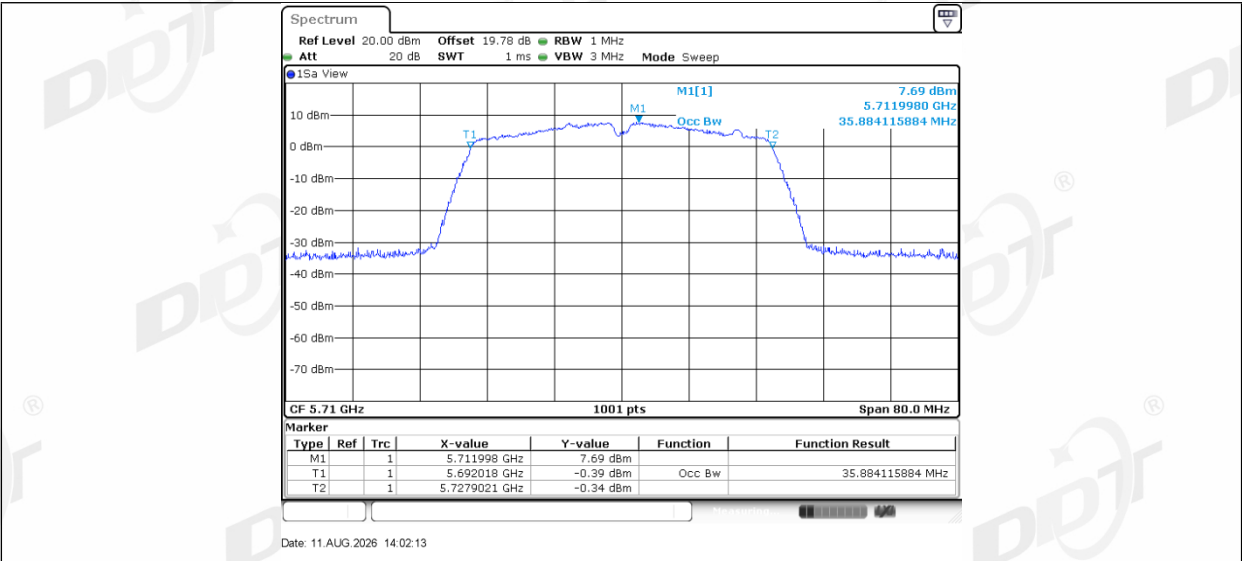




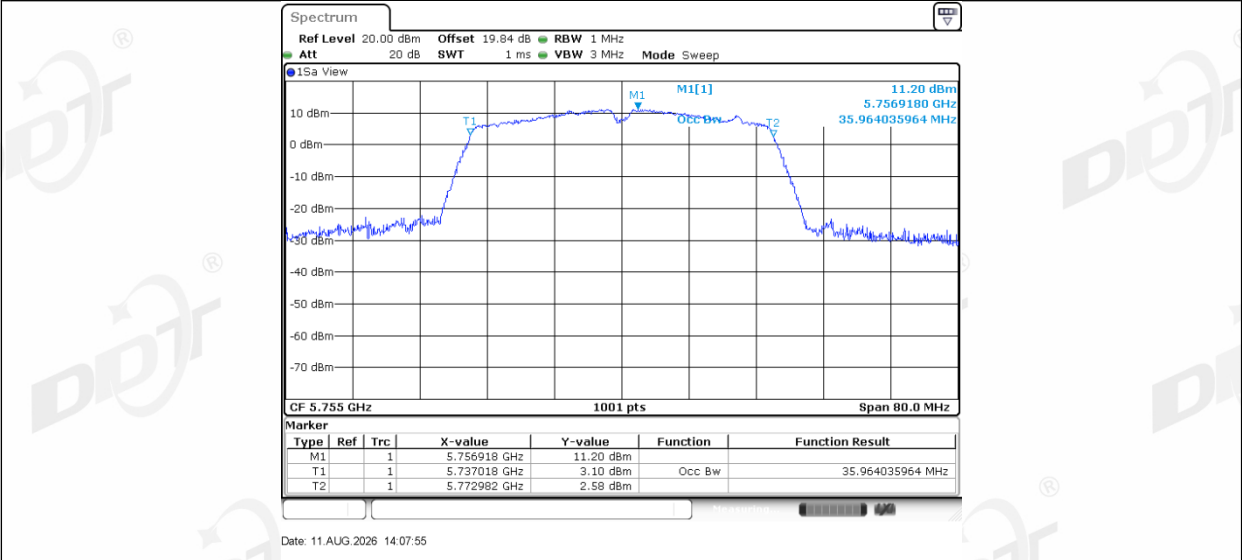




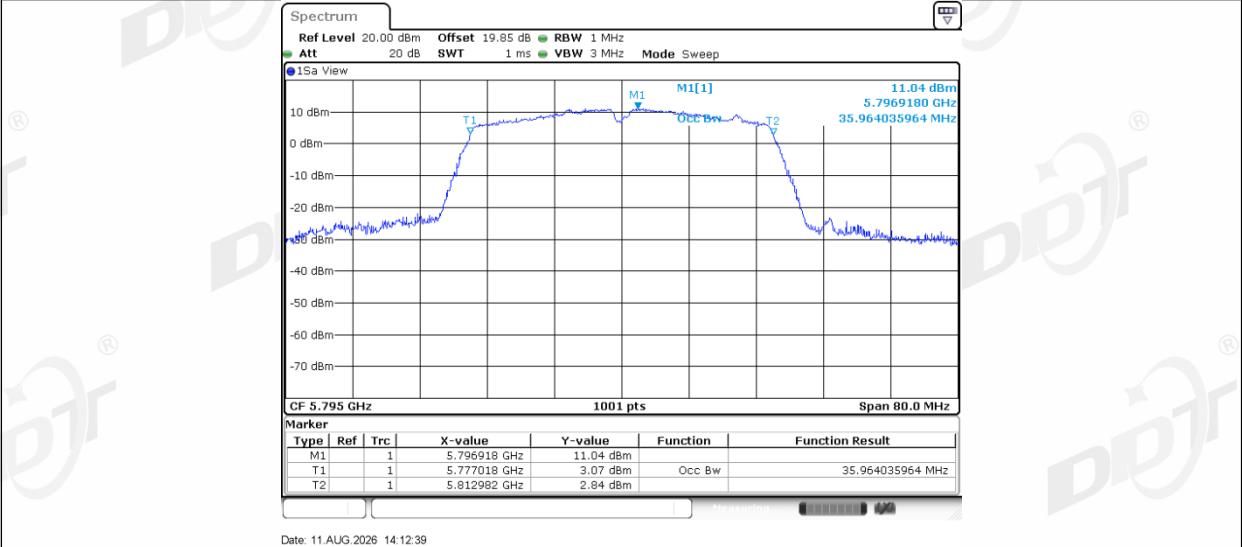




11N40MIMO_Ant1_5755



11N40MIMO_Ant1_5795



11AC20MIMO_Ant1_5180



