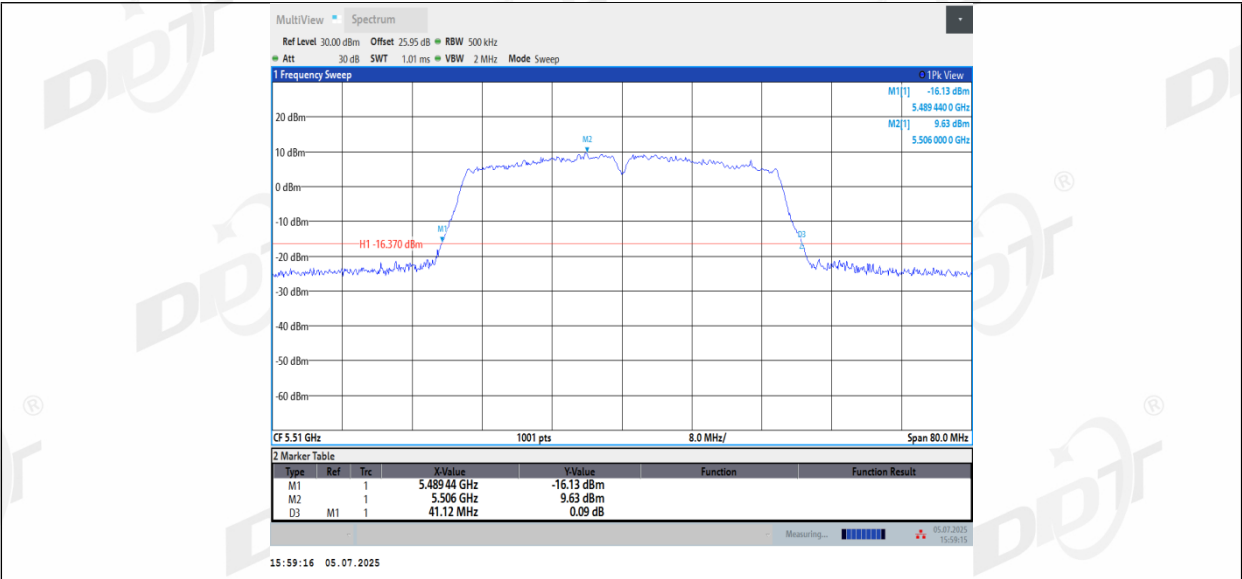
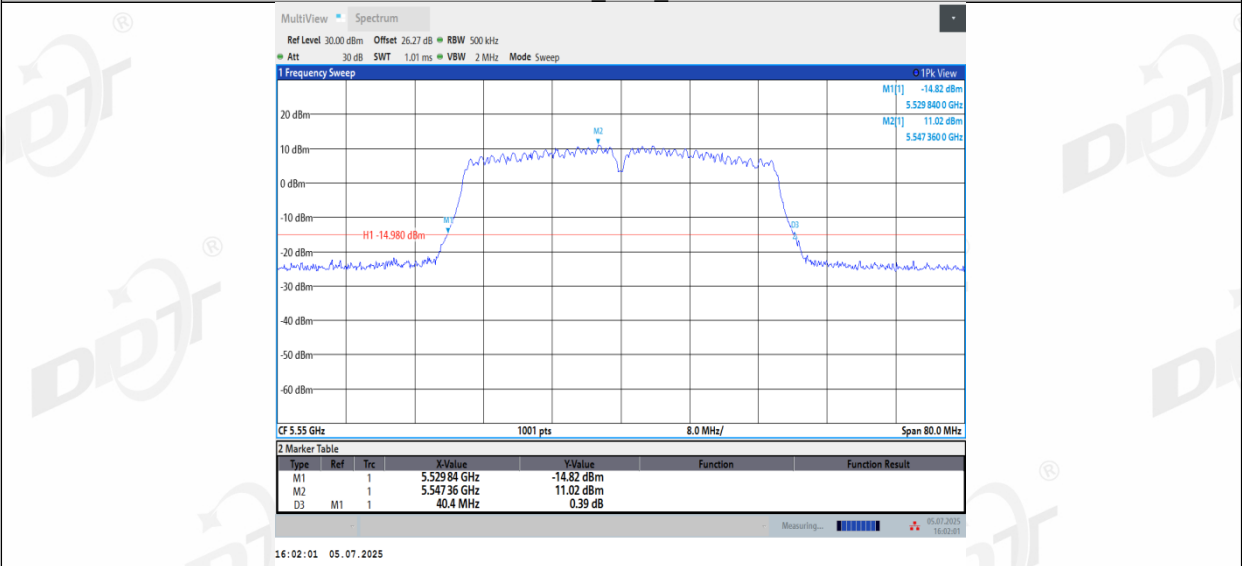
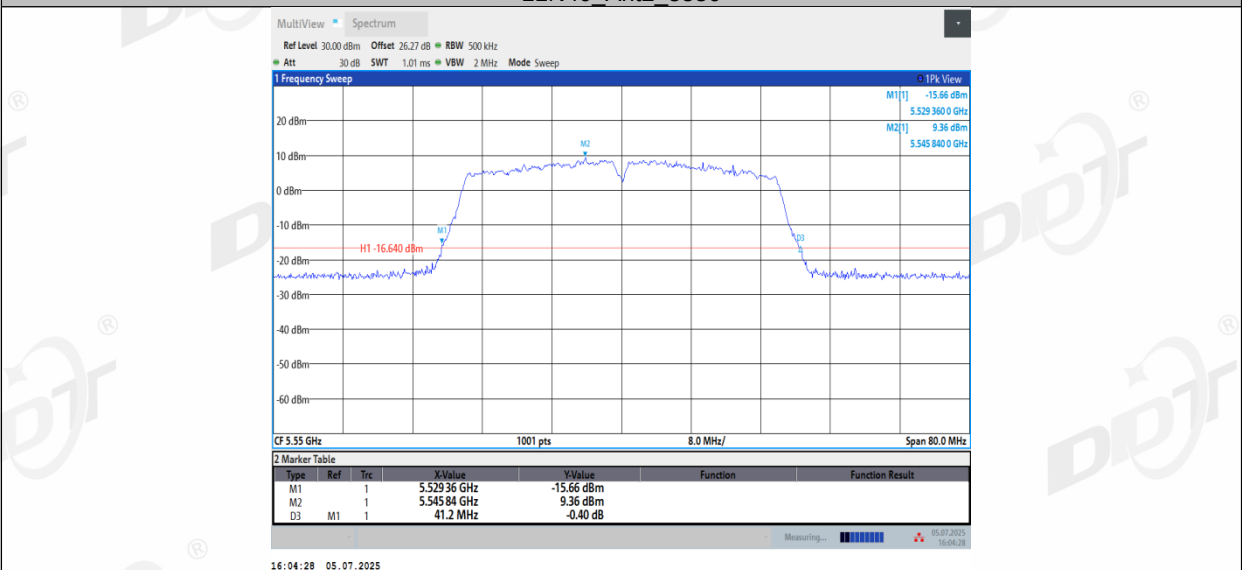




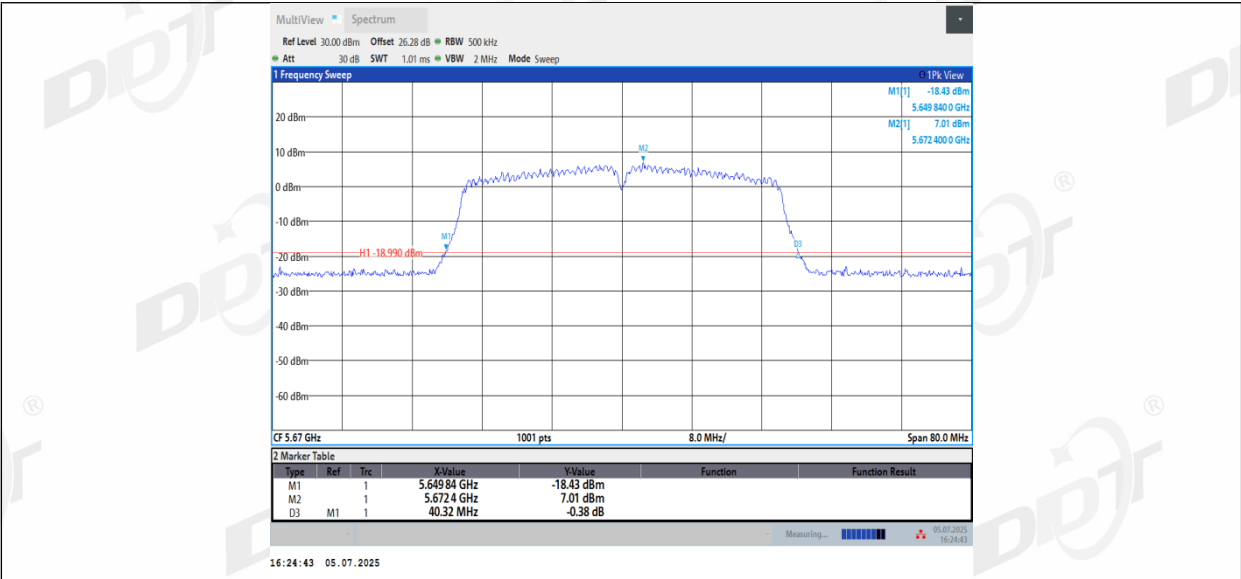
11N40_Ant1_5550



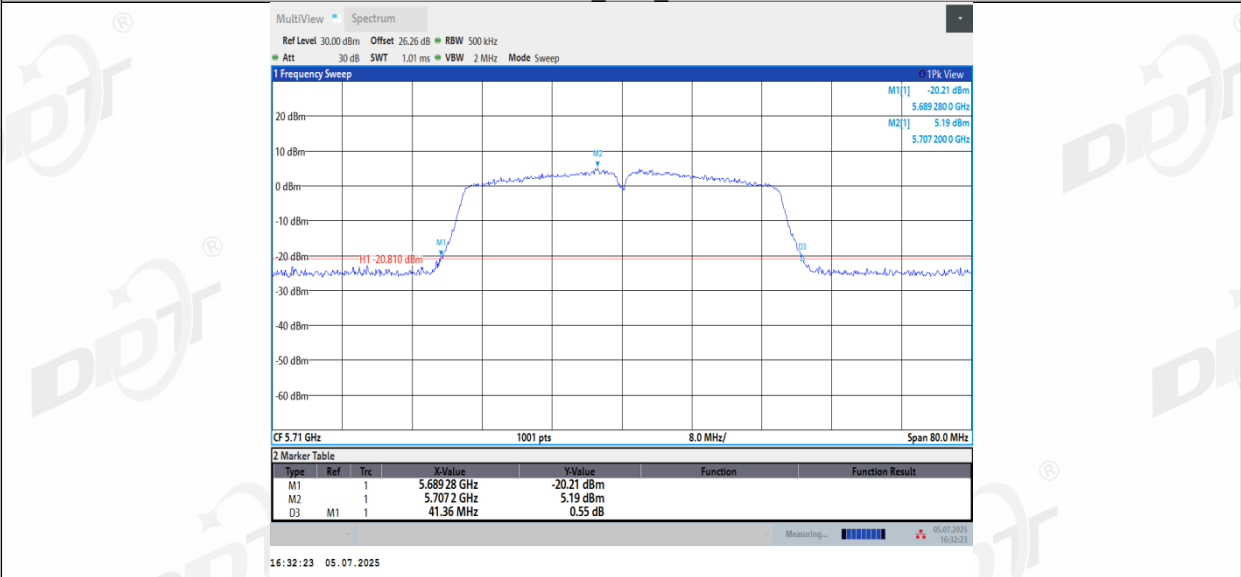
11N40_Ant2_5550



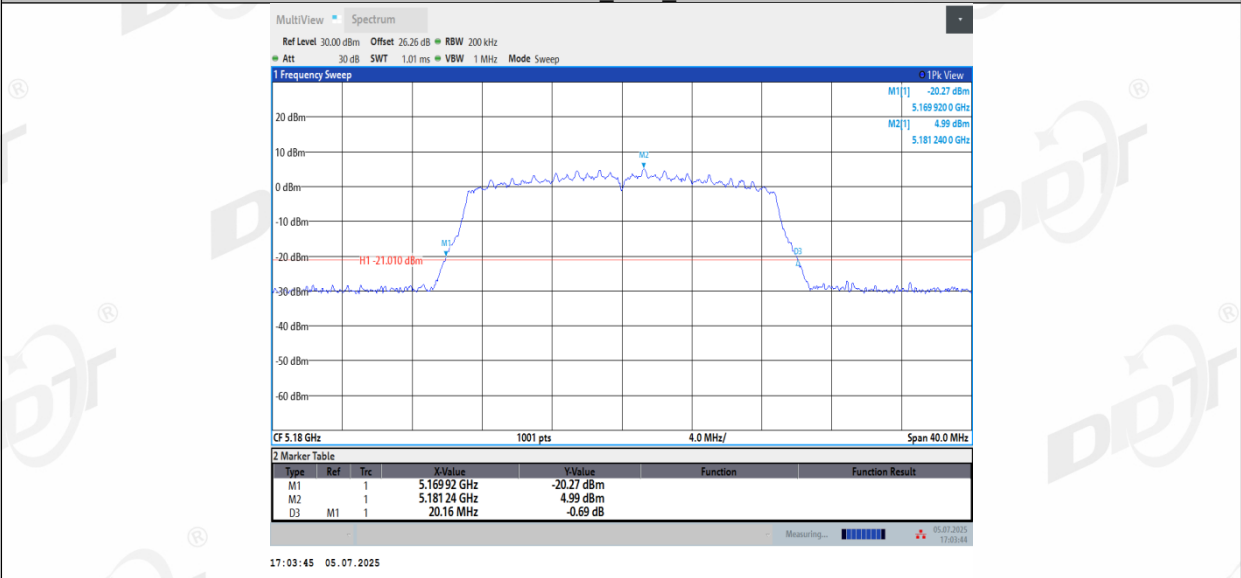
11N40_Ant1_5670



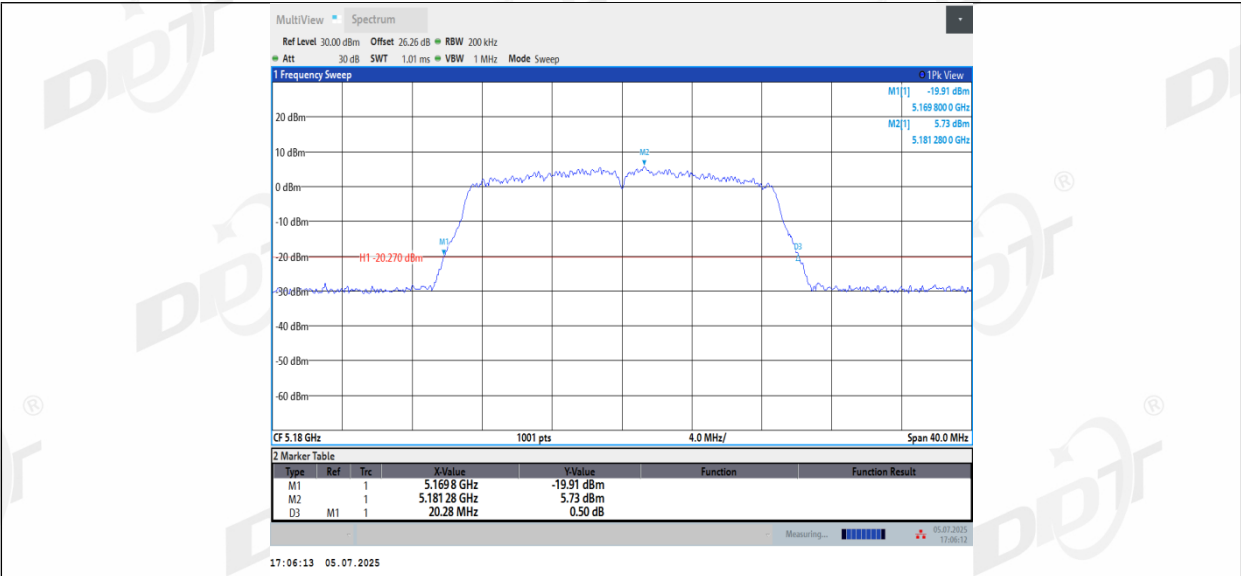
11N40_Ant2_5670



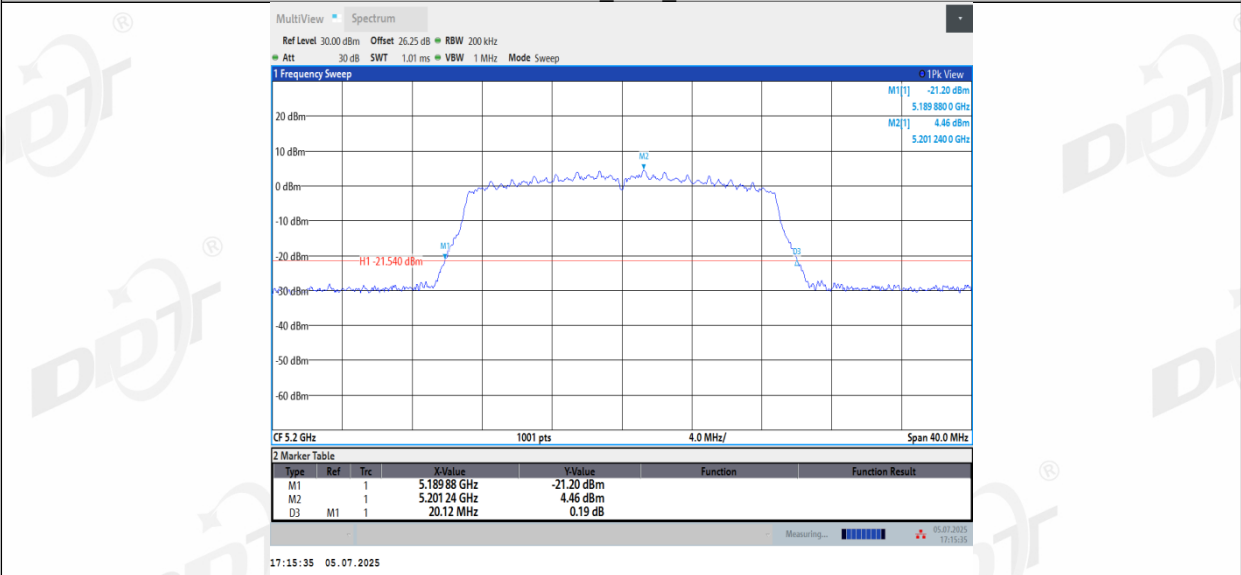
11AC20_Ant1_5180



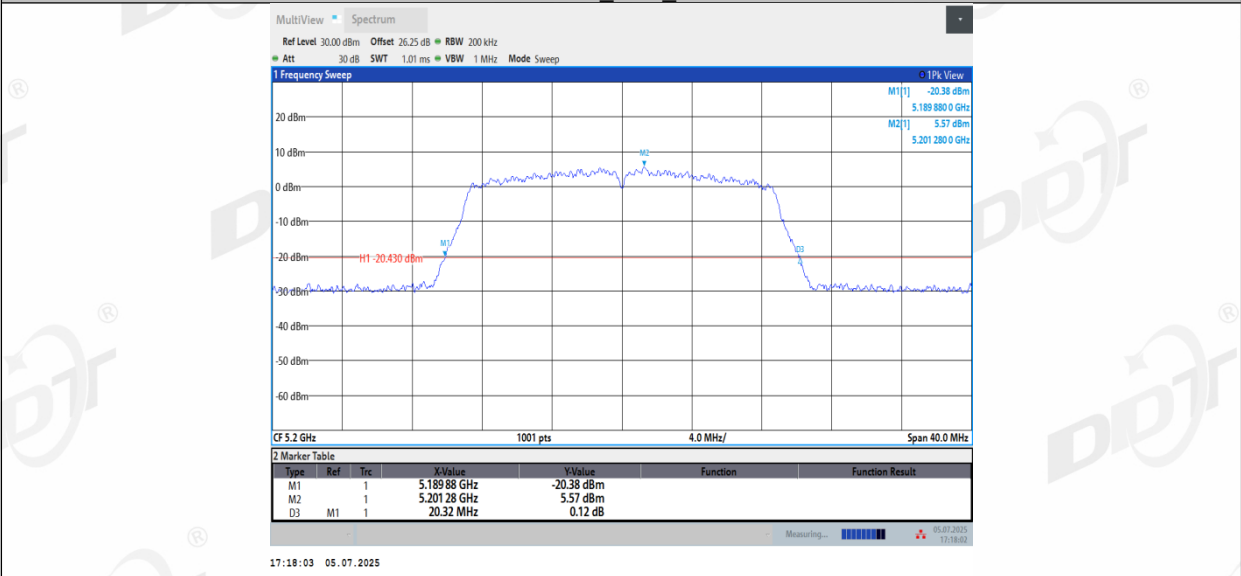
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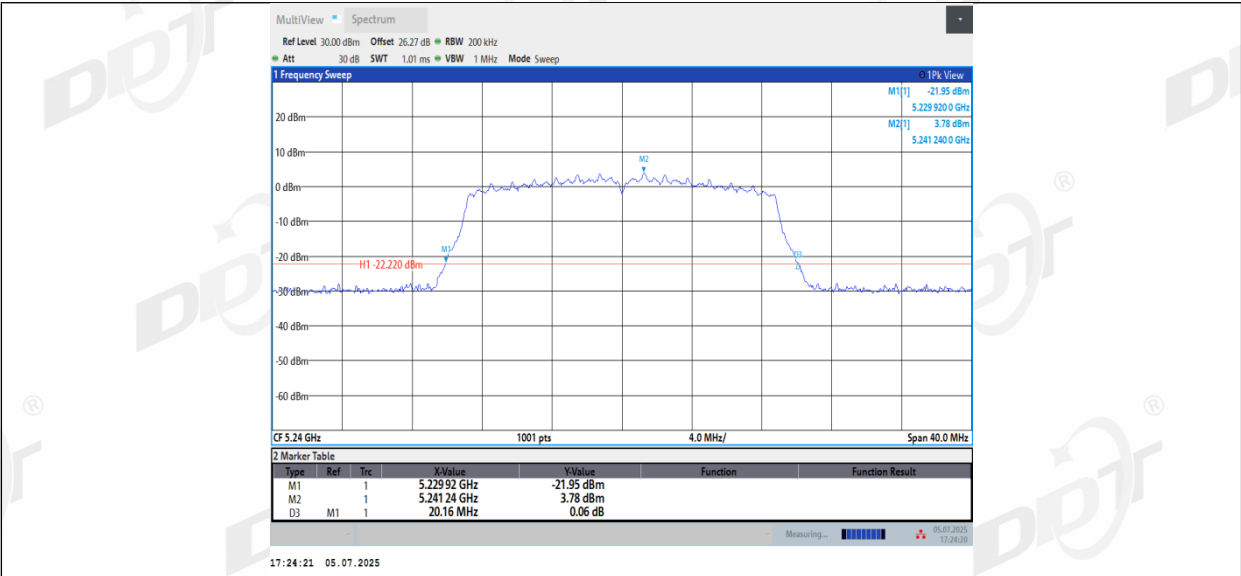
11AC20_Ant1_5200



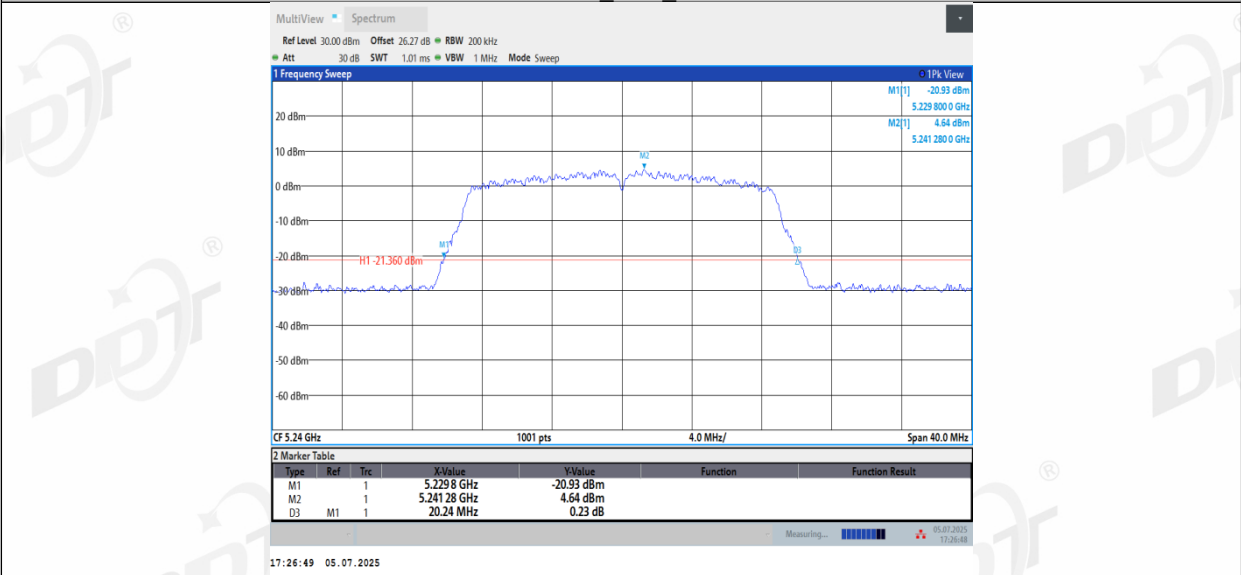
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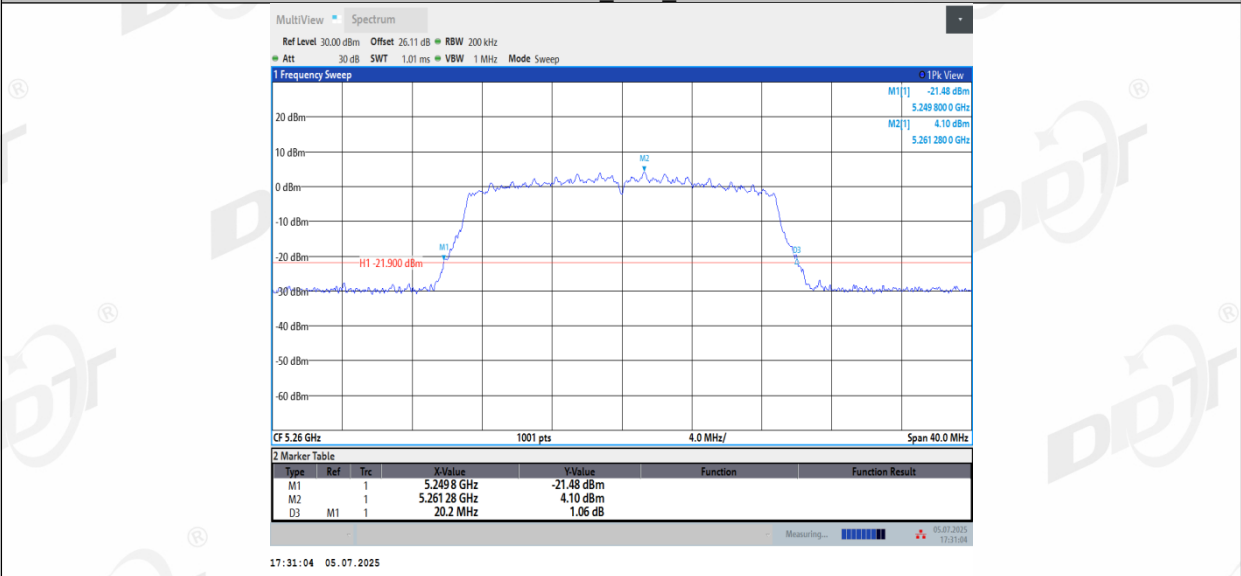
11AC20_Ant1_5240



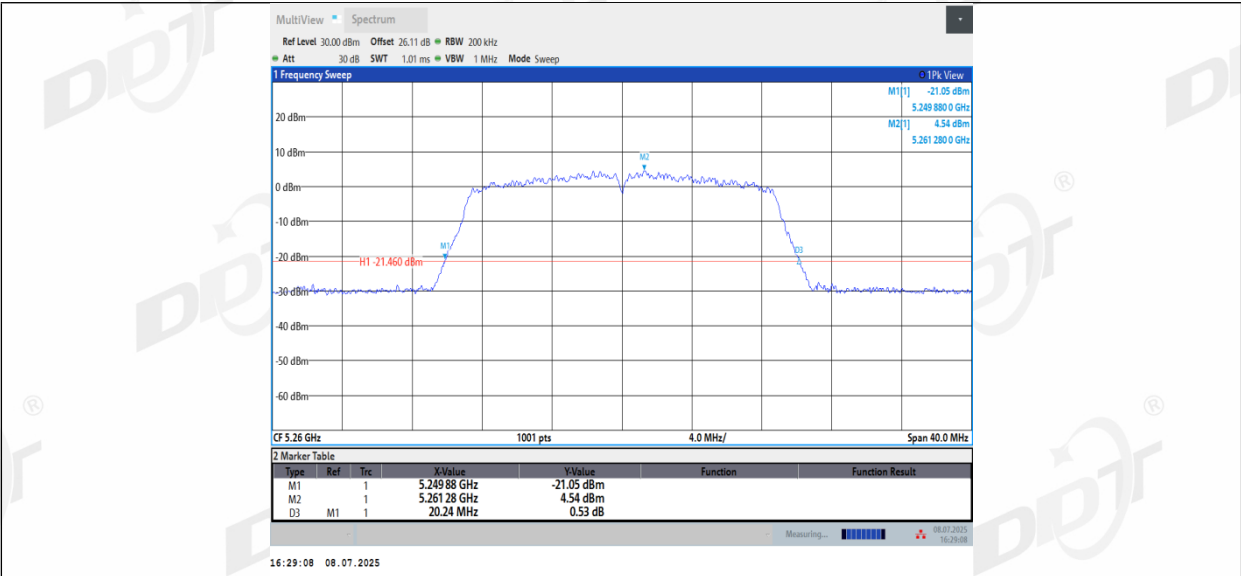
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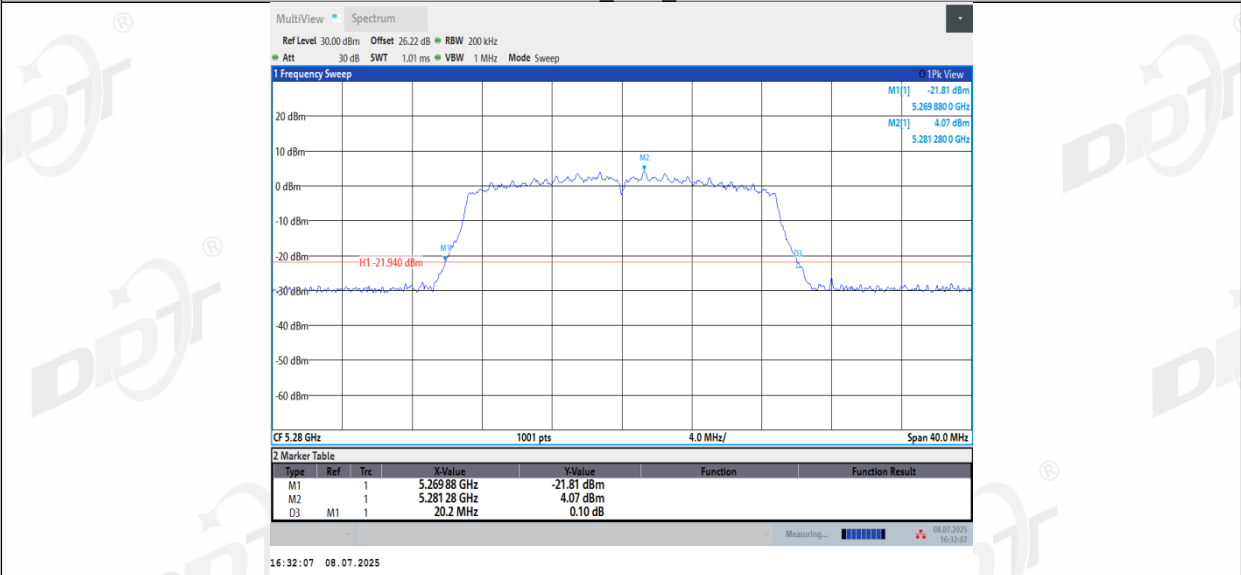
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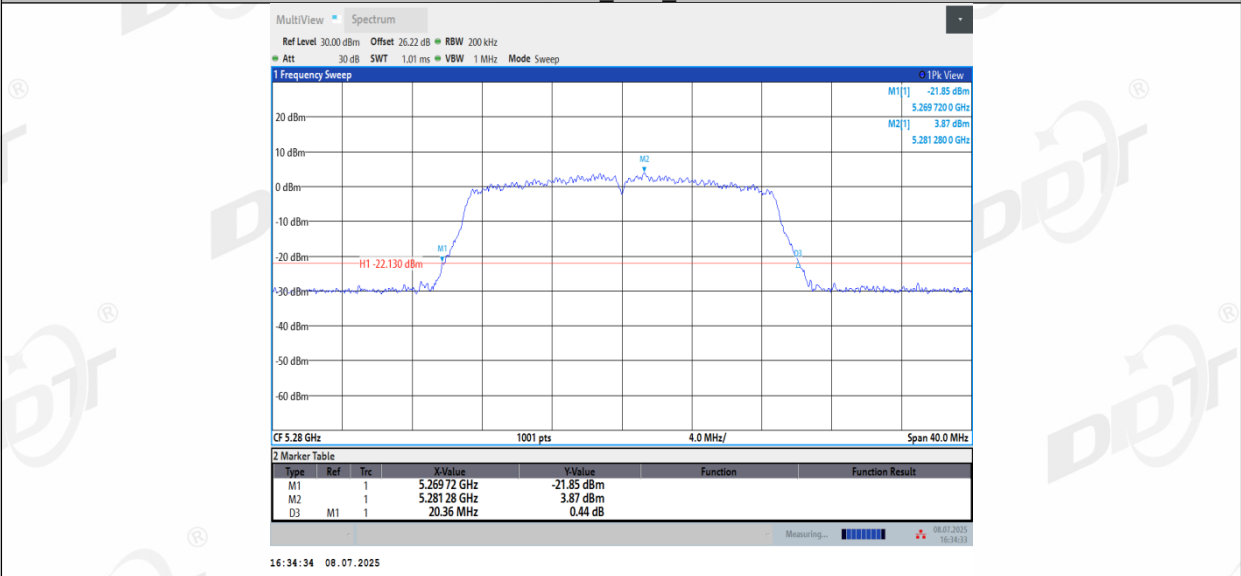
11AC20_Ant2_5260



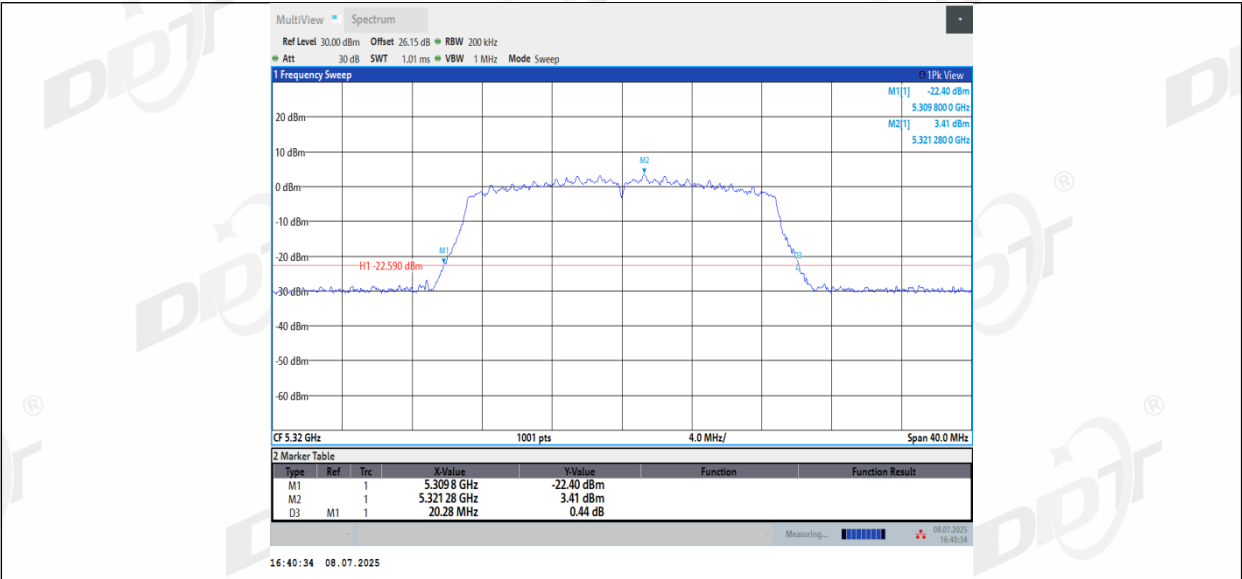
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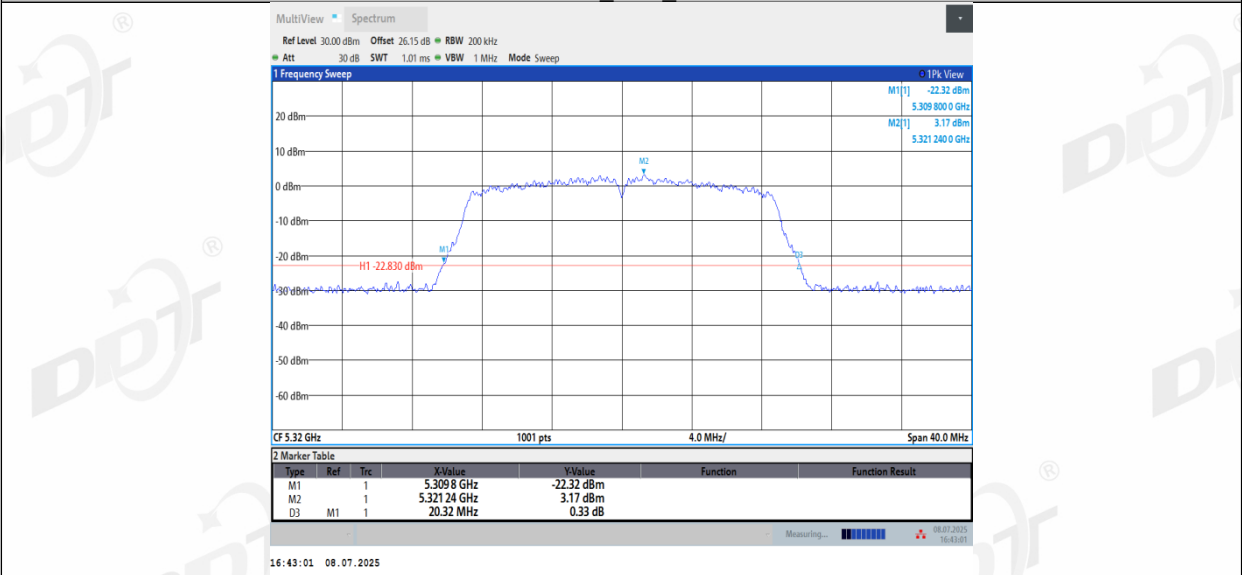
11AC20_Ant2_5280



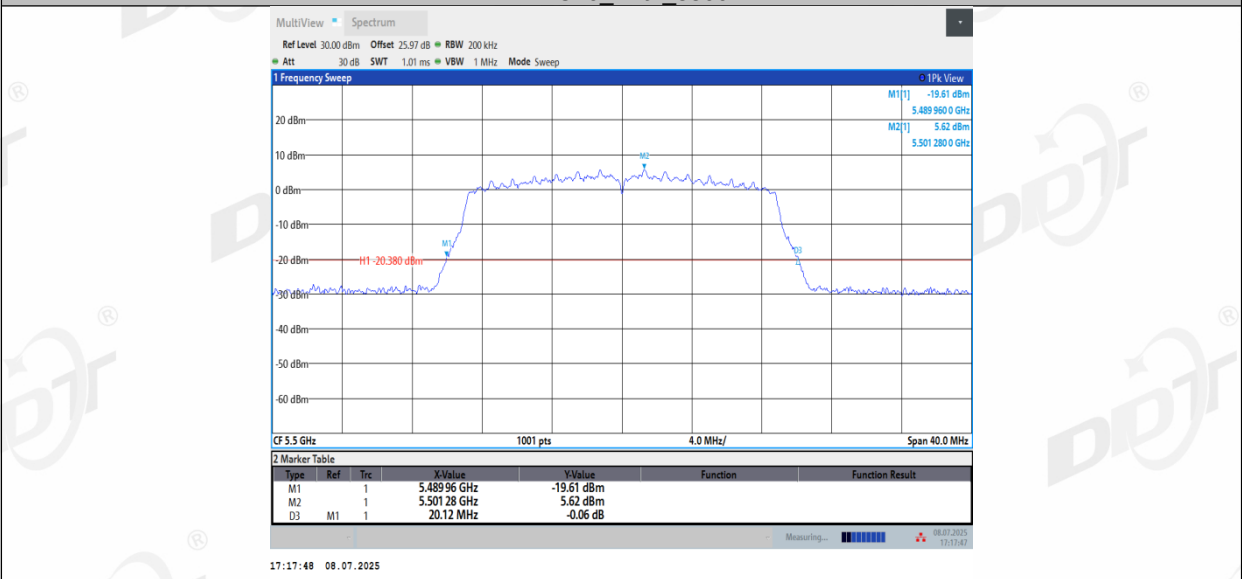
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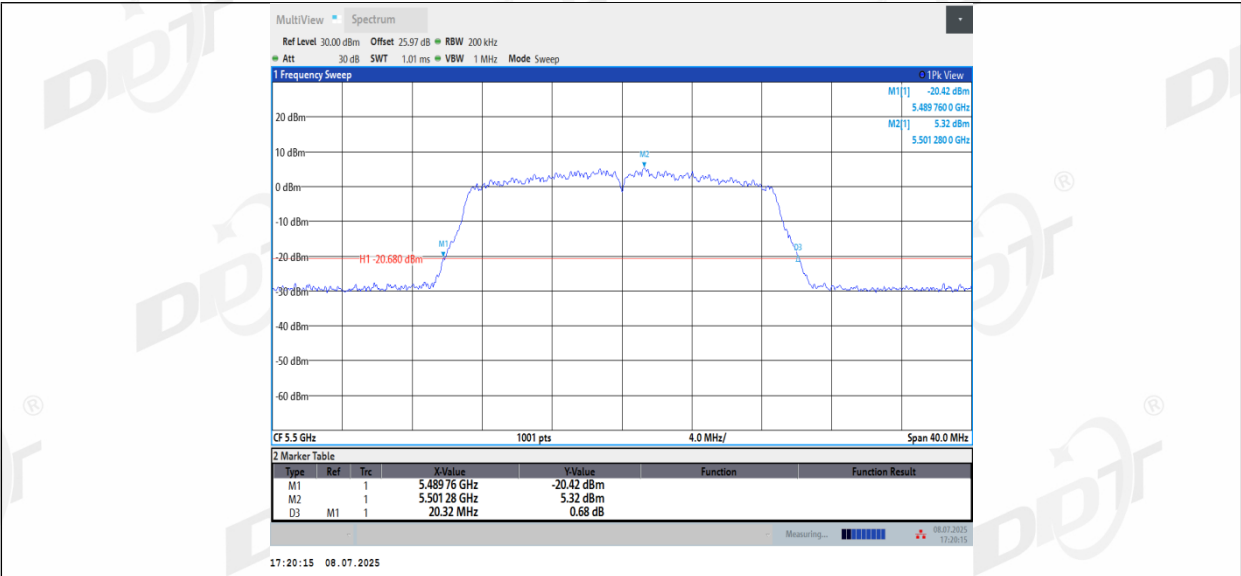
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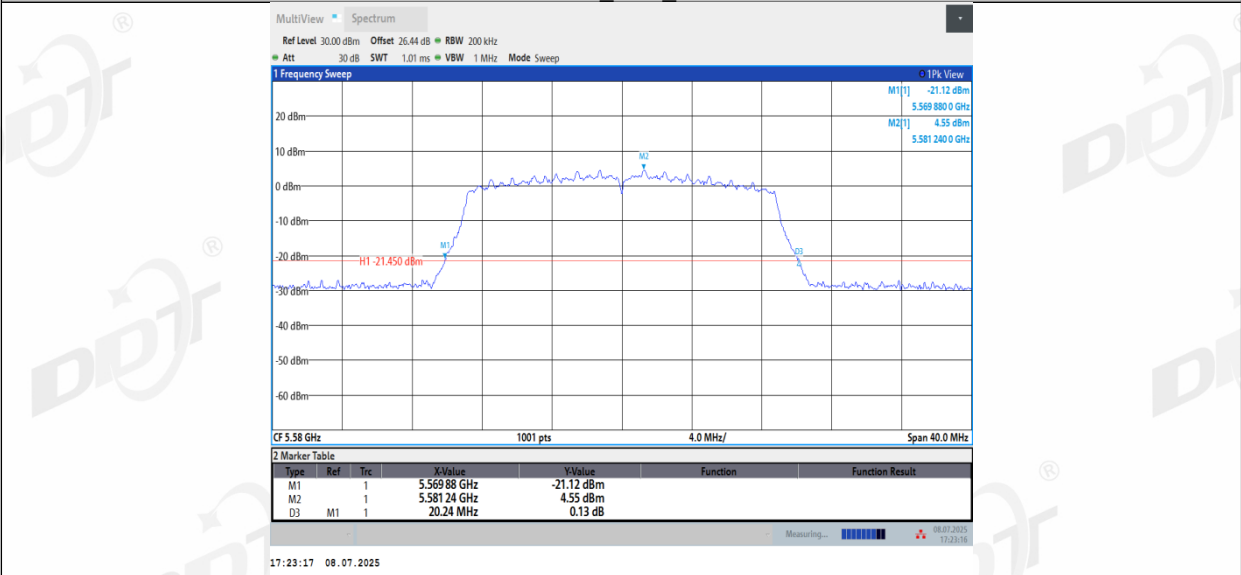
11AC20_Ant1_5500



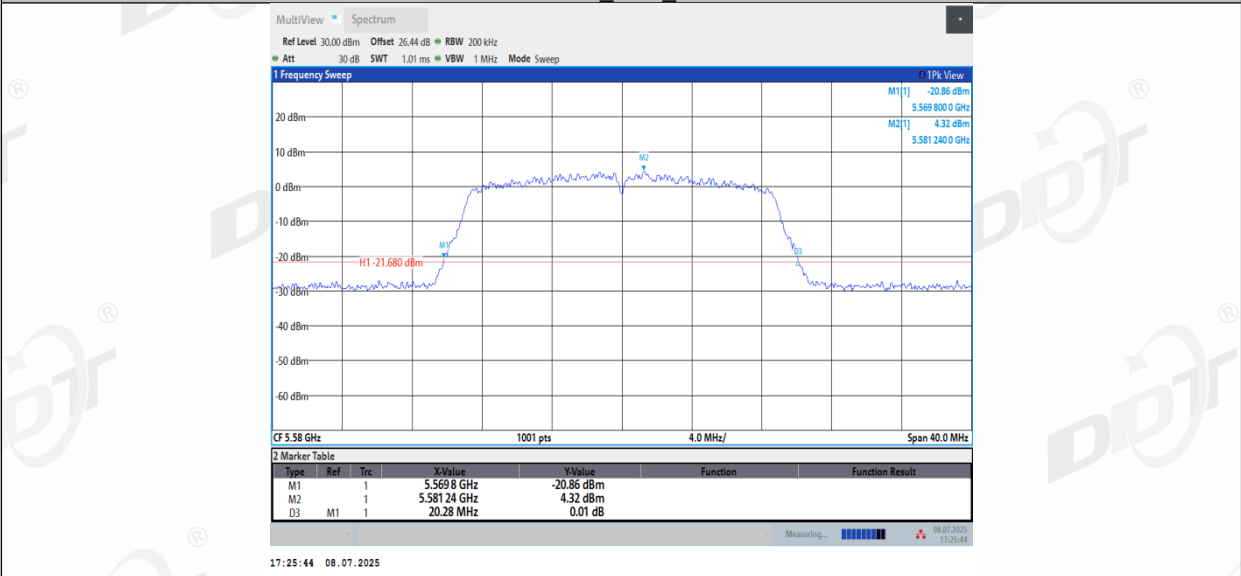
11AC20_Ant2_5500



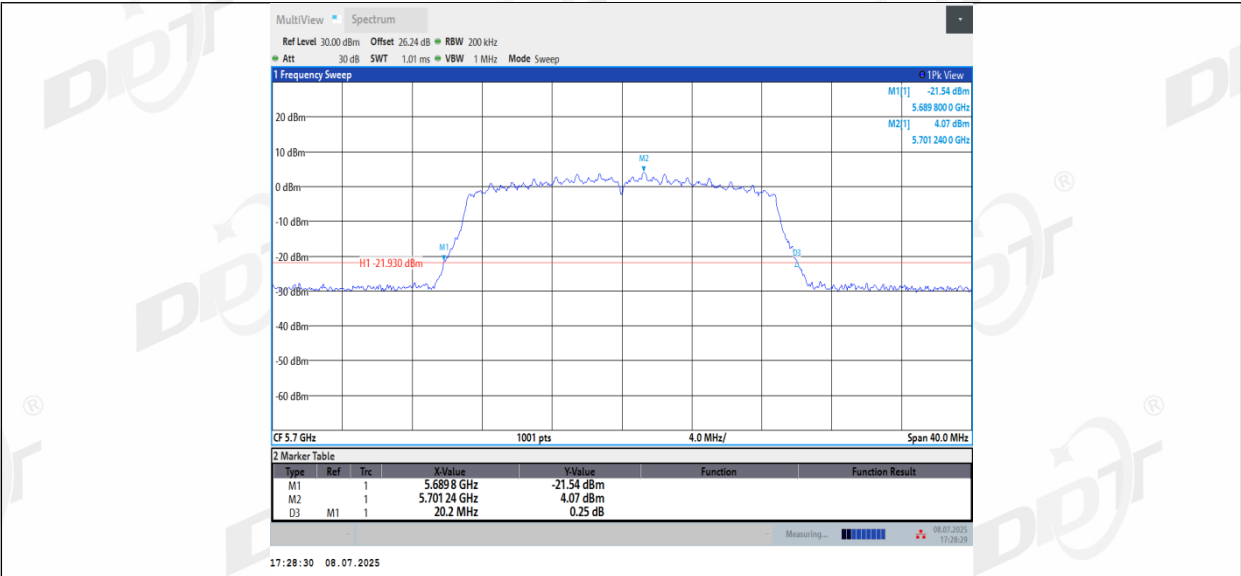
11AC20_Ant1_5580



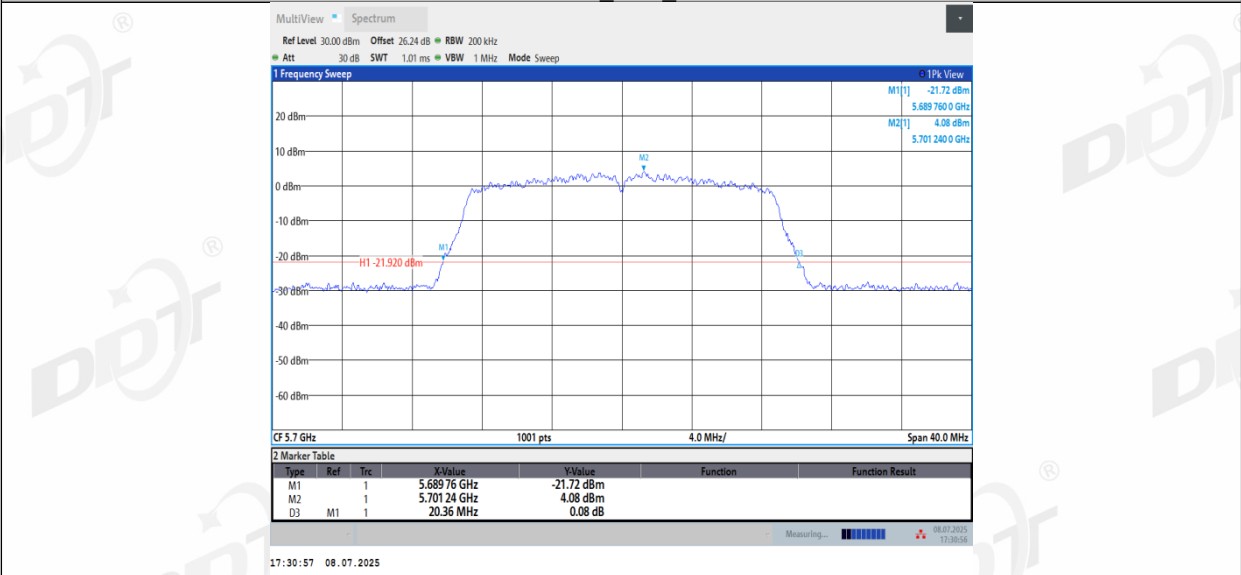
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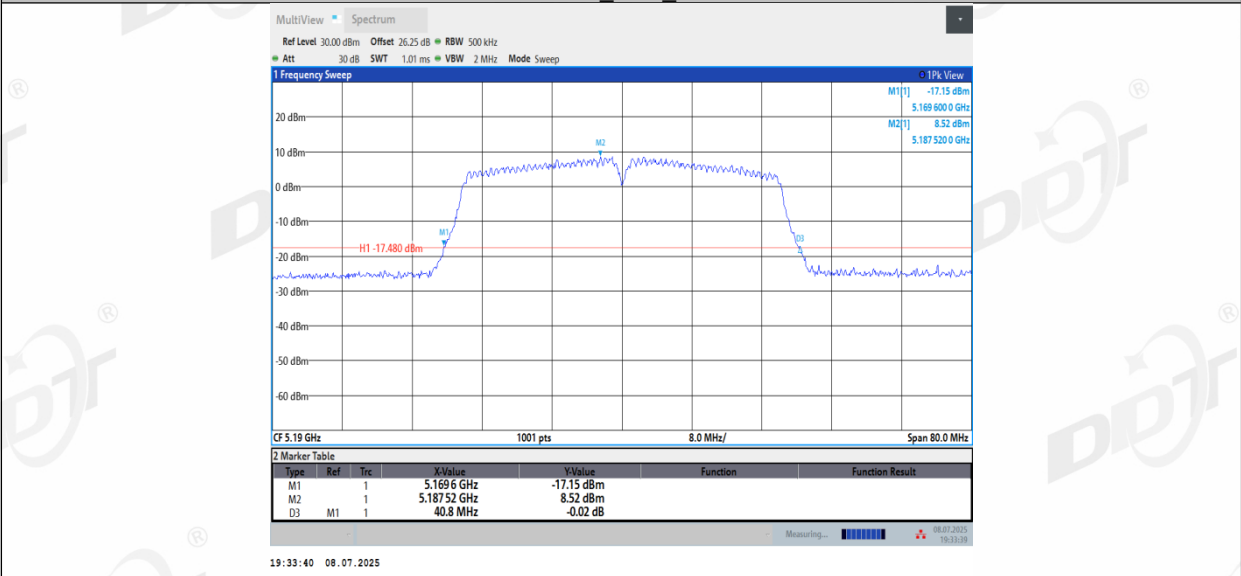
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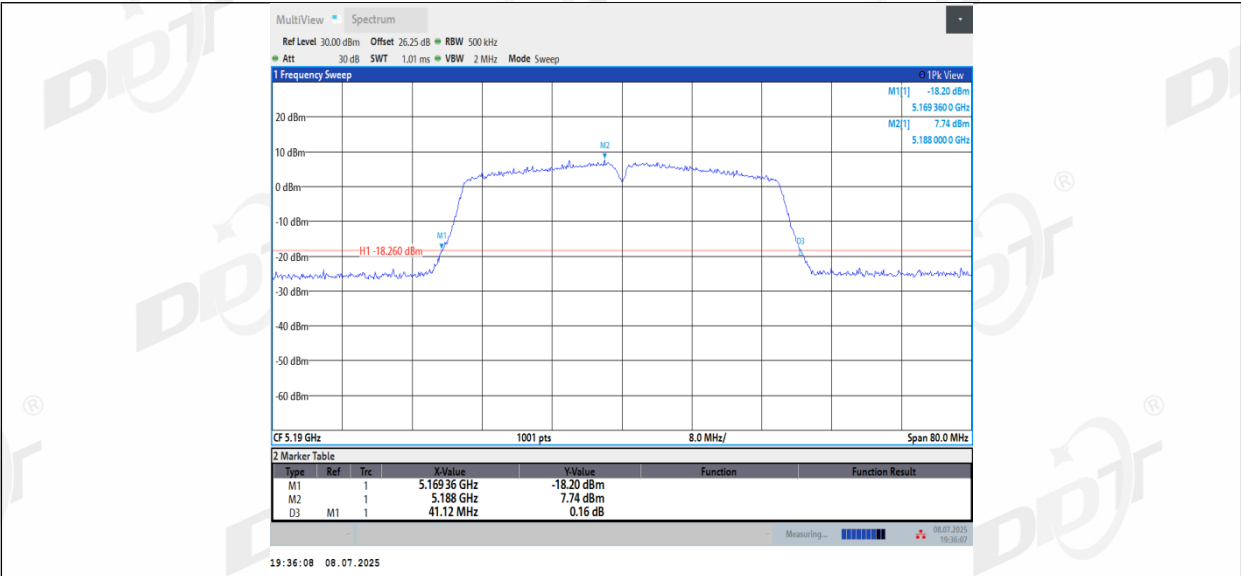
11AC20_Ant2_5700



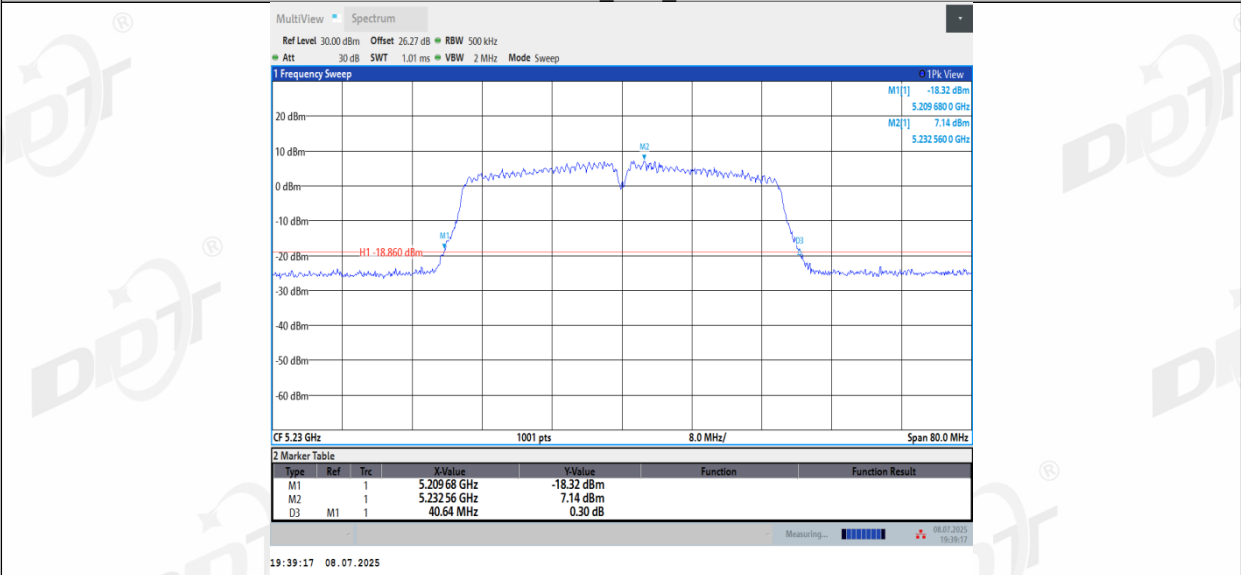
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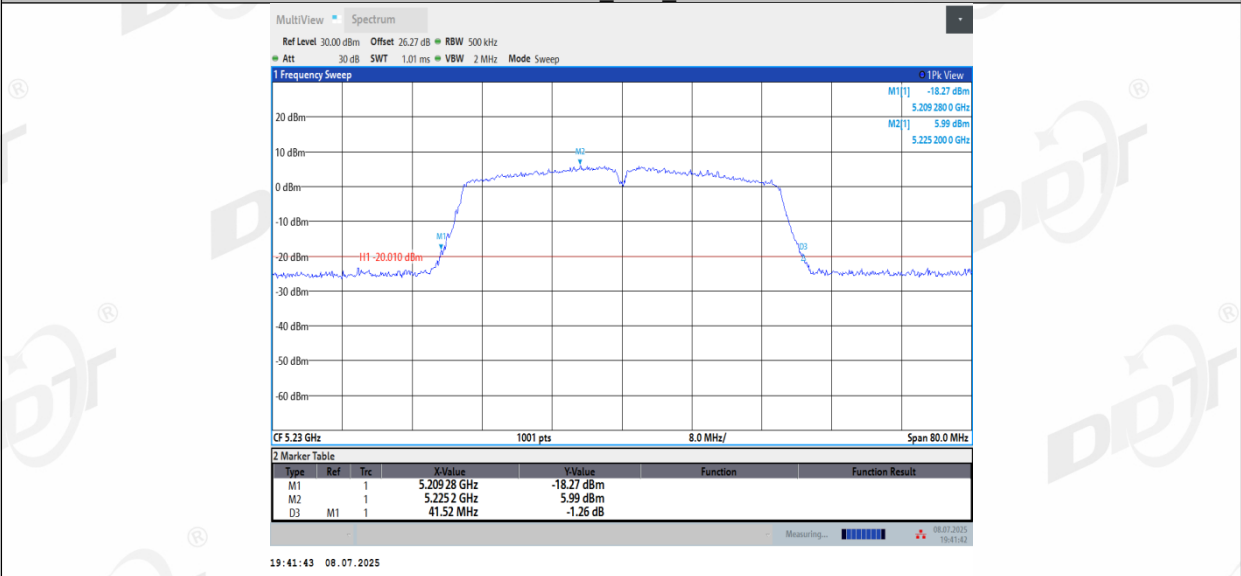
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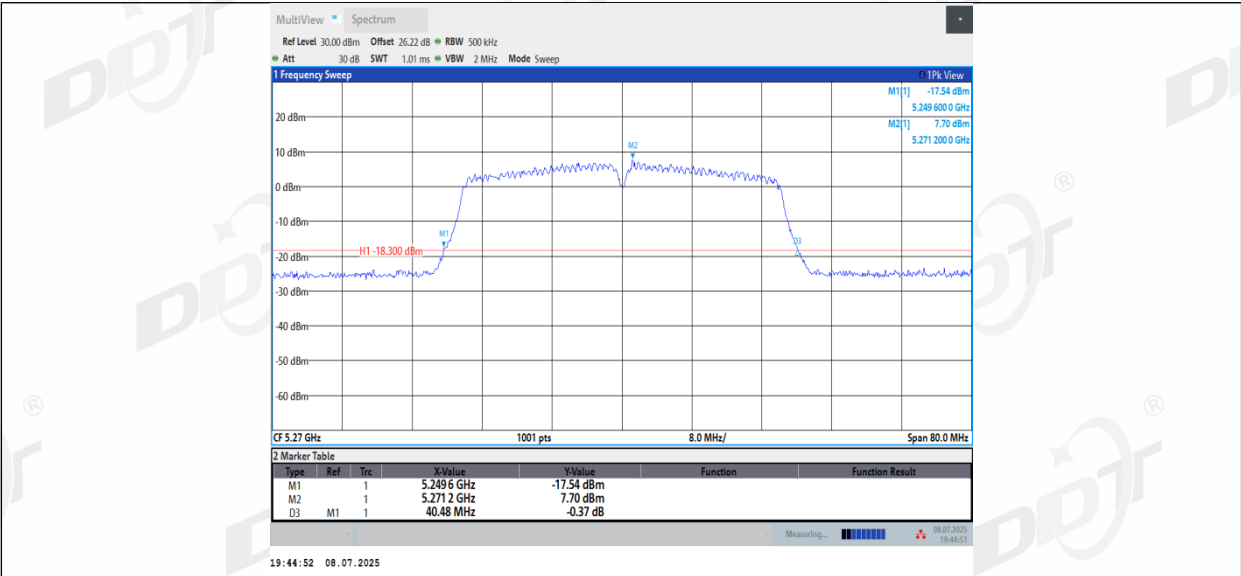
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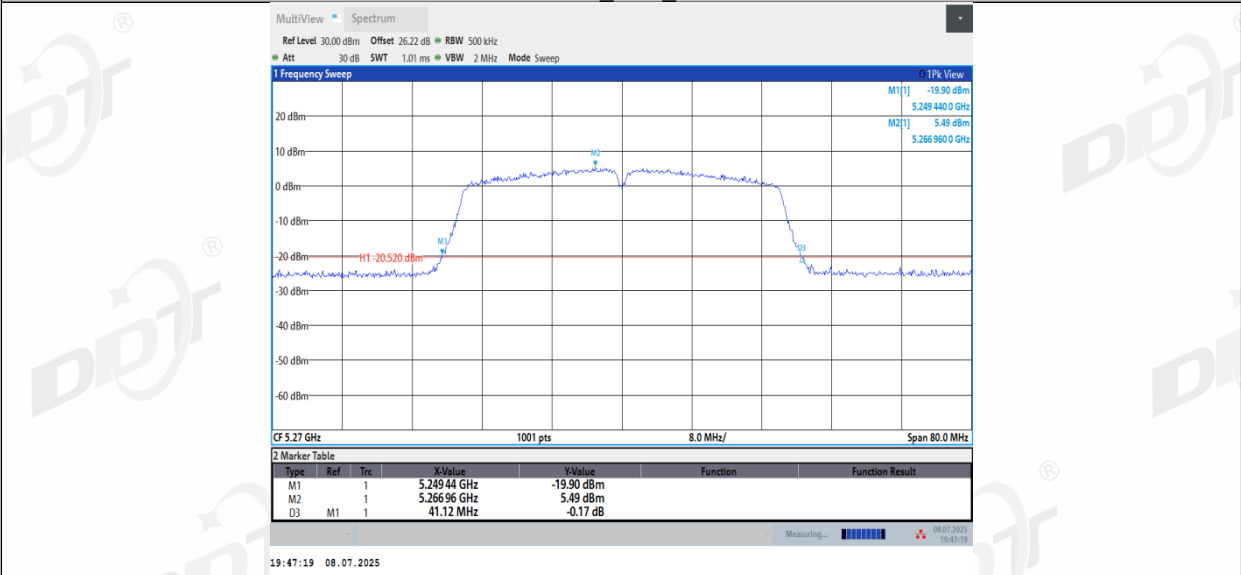
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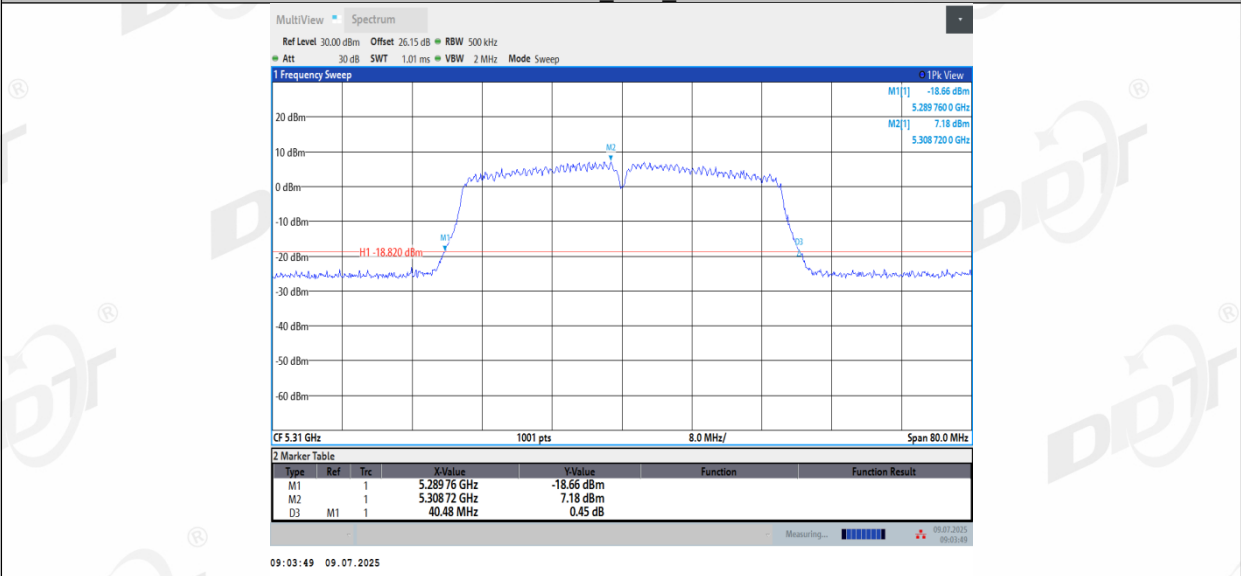
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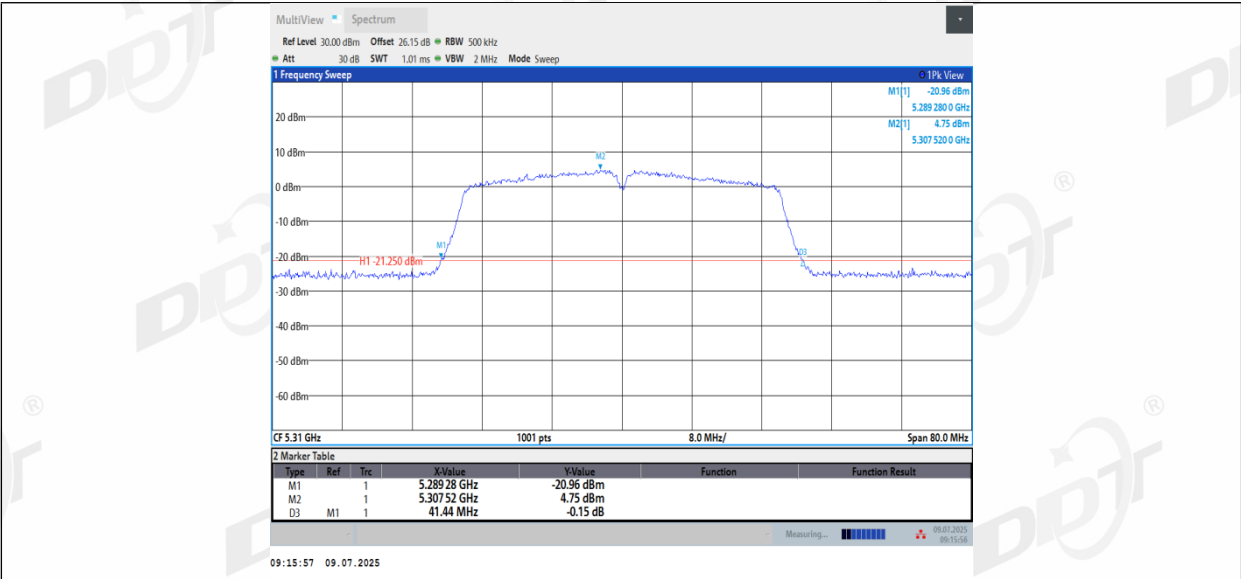
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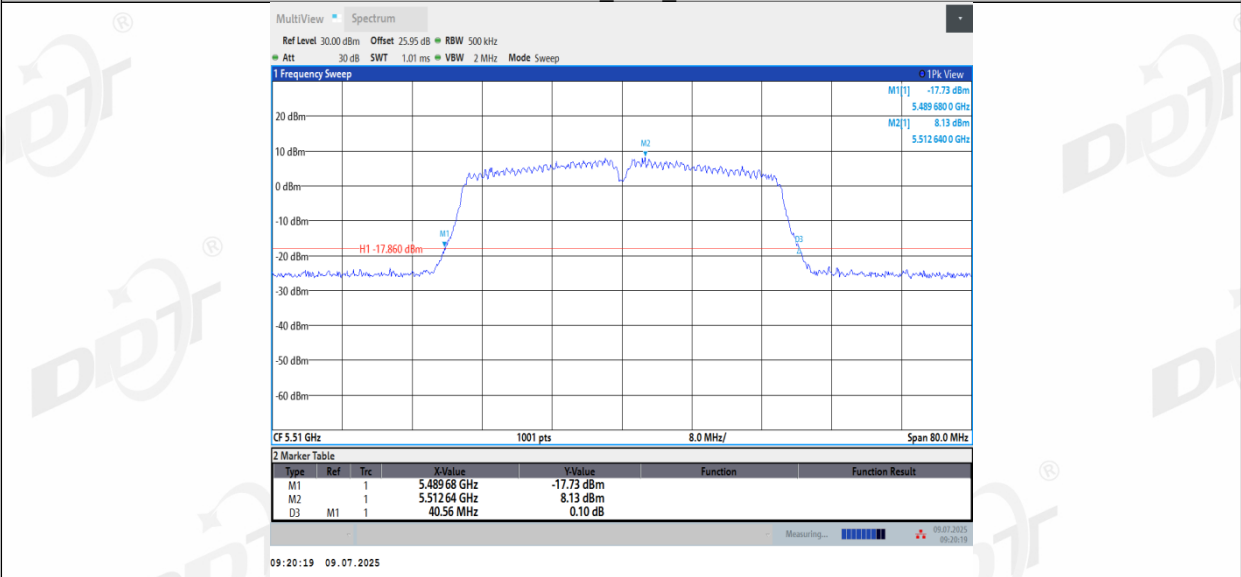
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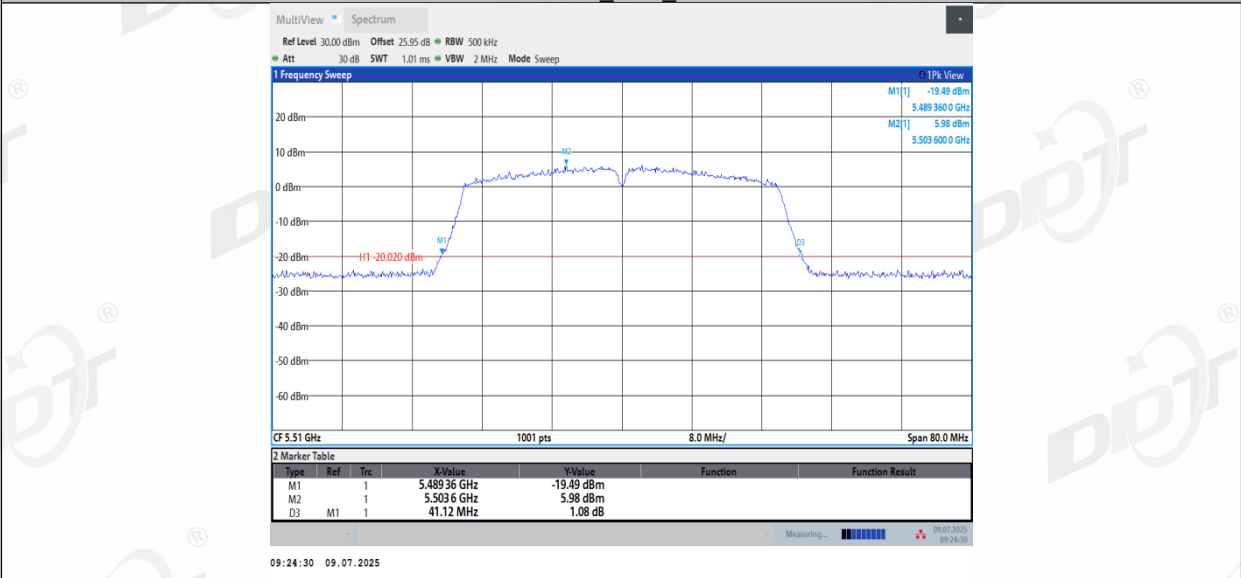
11AC40_Ant2_5310



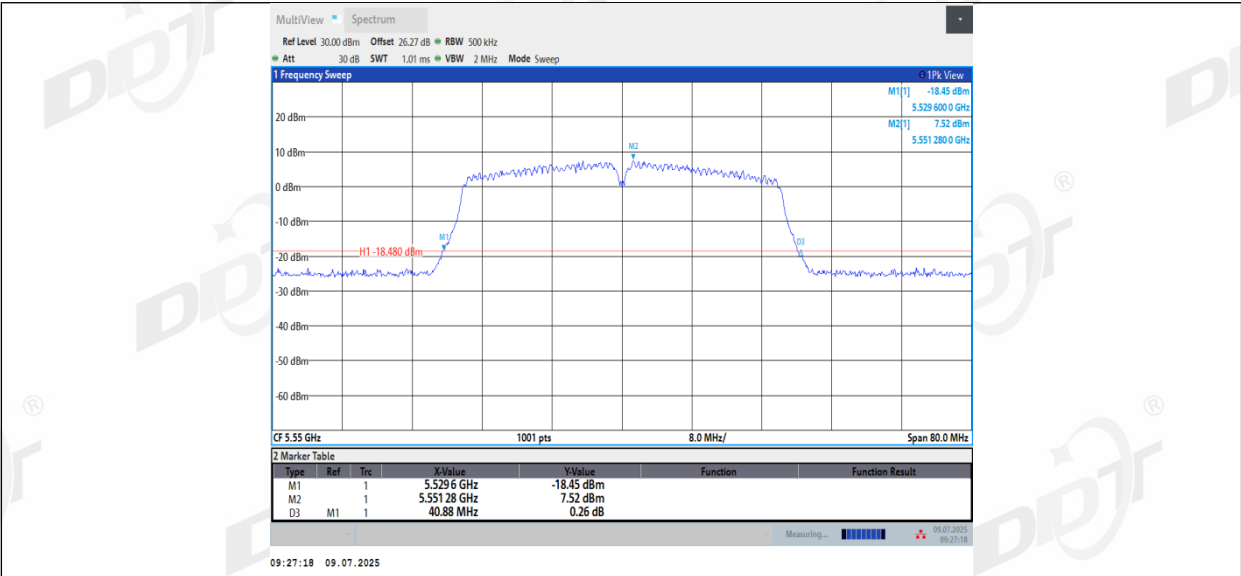
11AC40_Ant1_5510



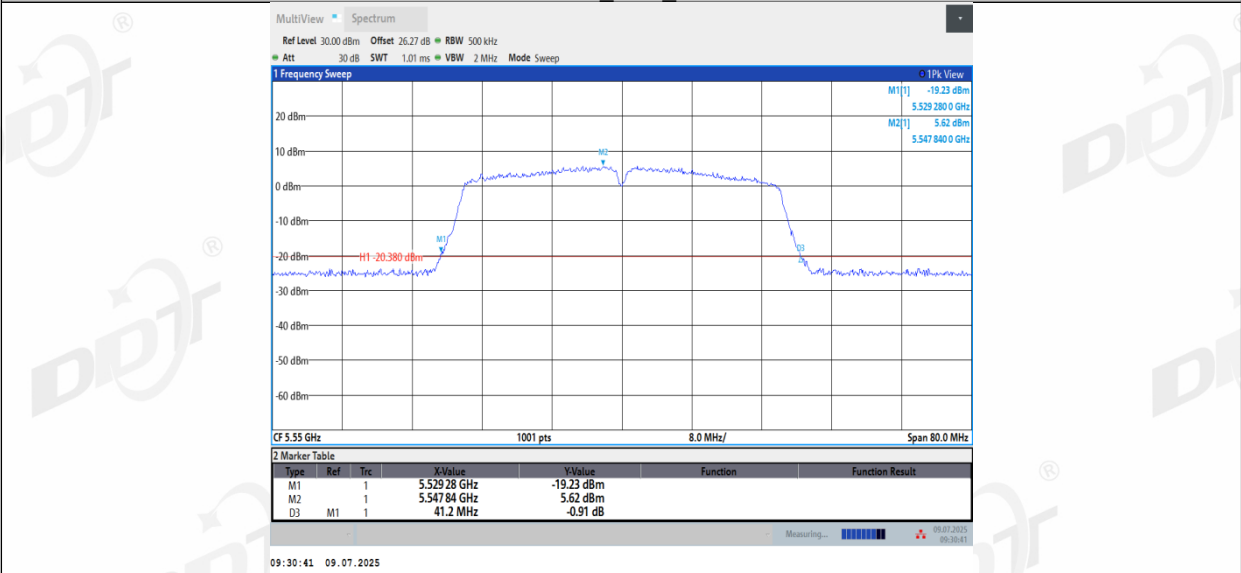
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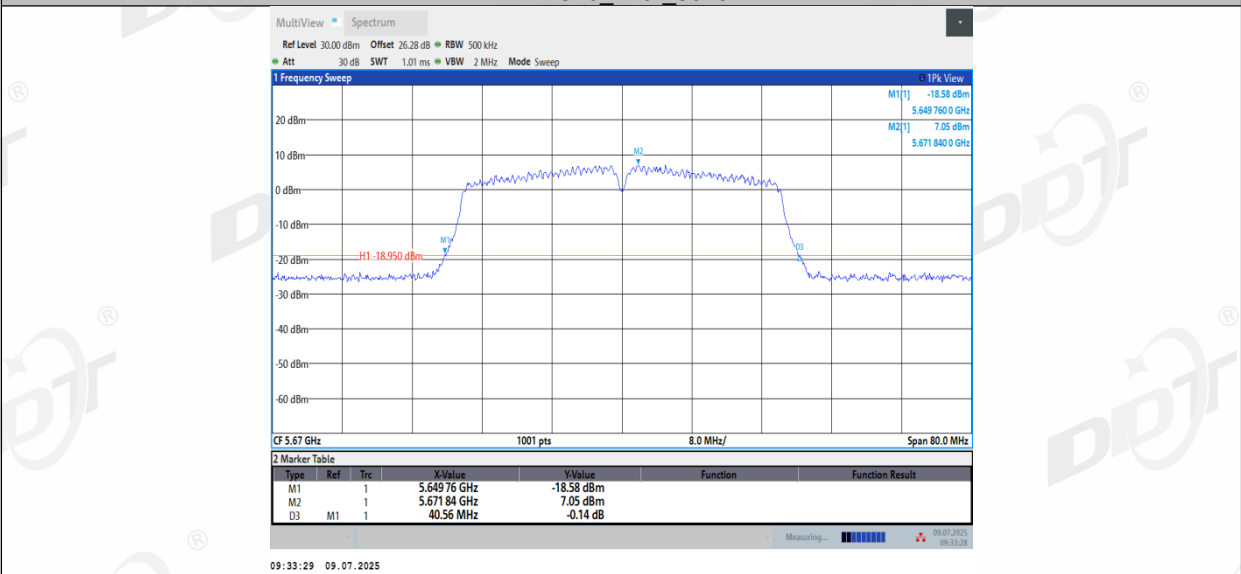
11AC40_Ant1_5550



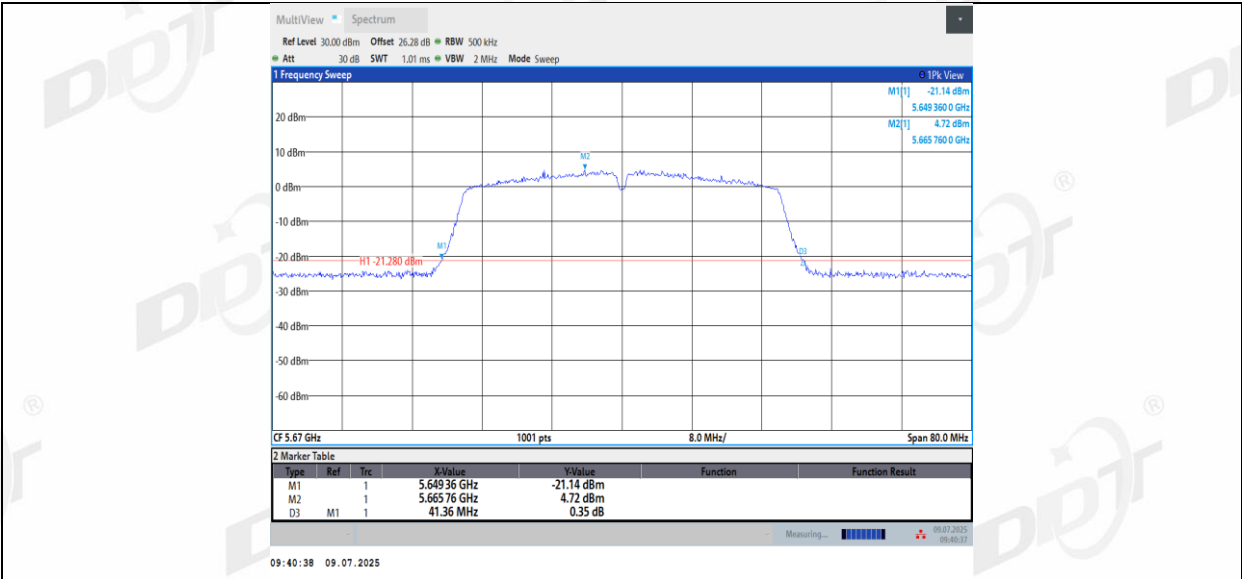
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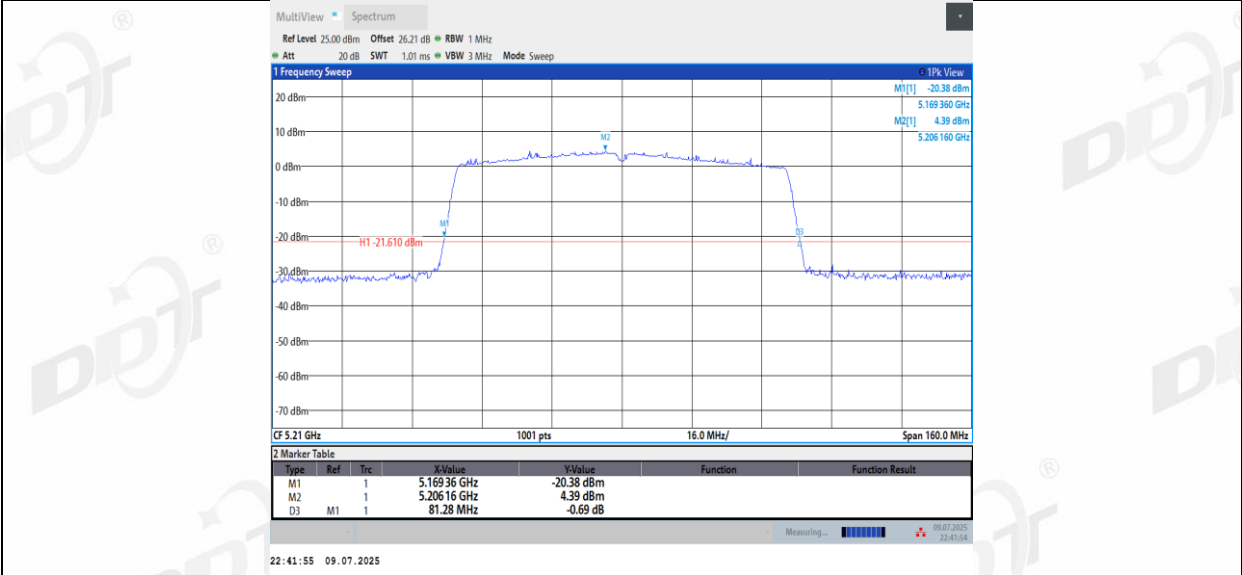
11AC40_Ant1_5670



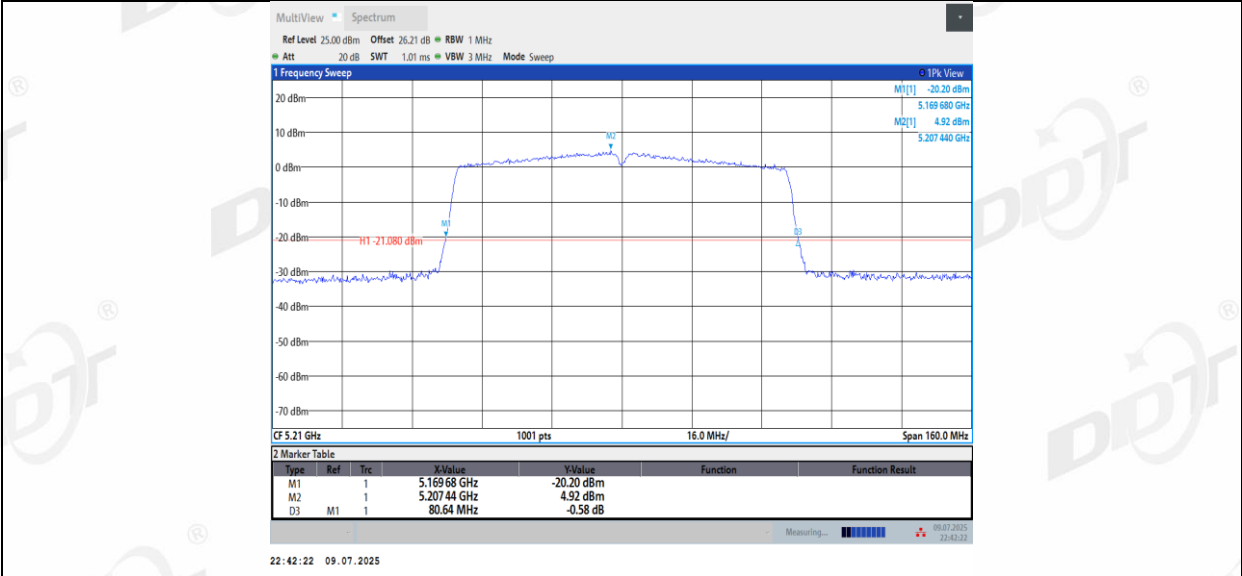
11AC40_Ant2_5670



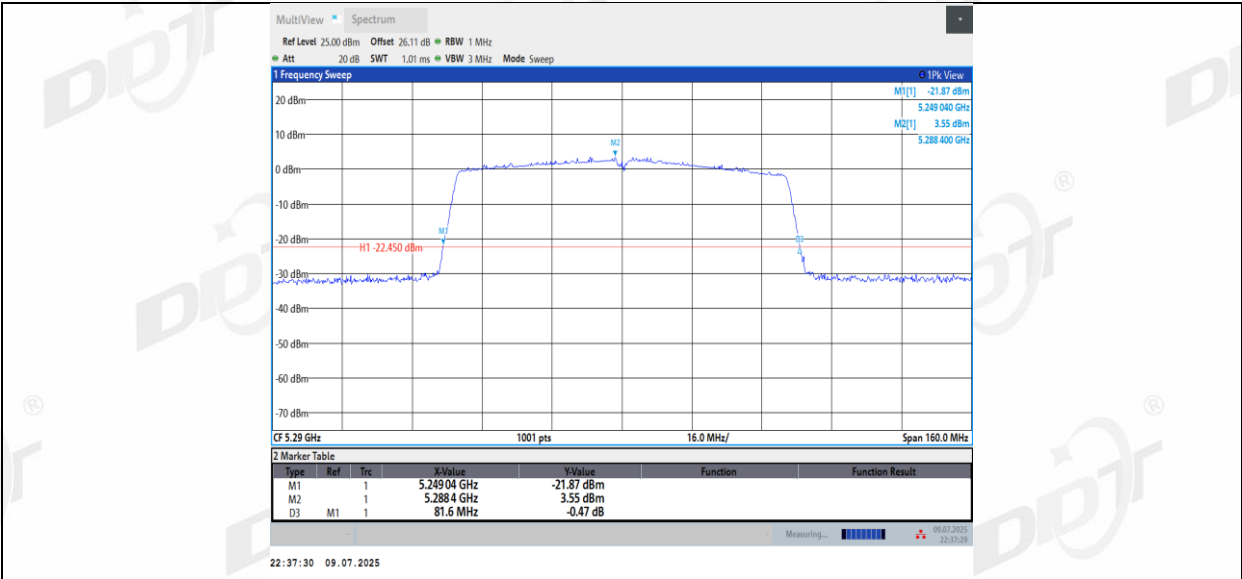
11AC80MIMO_Ant1_5210



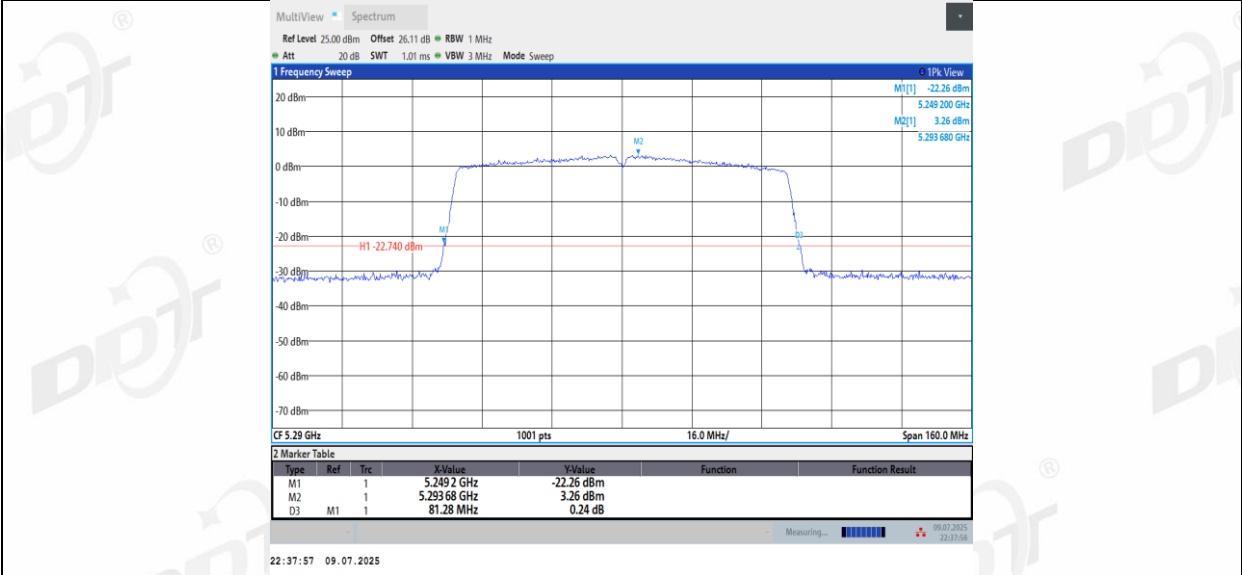
11AC80MIMO_Ant2_5210



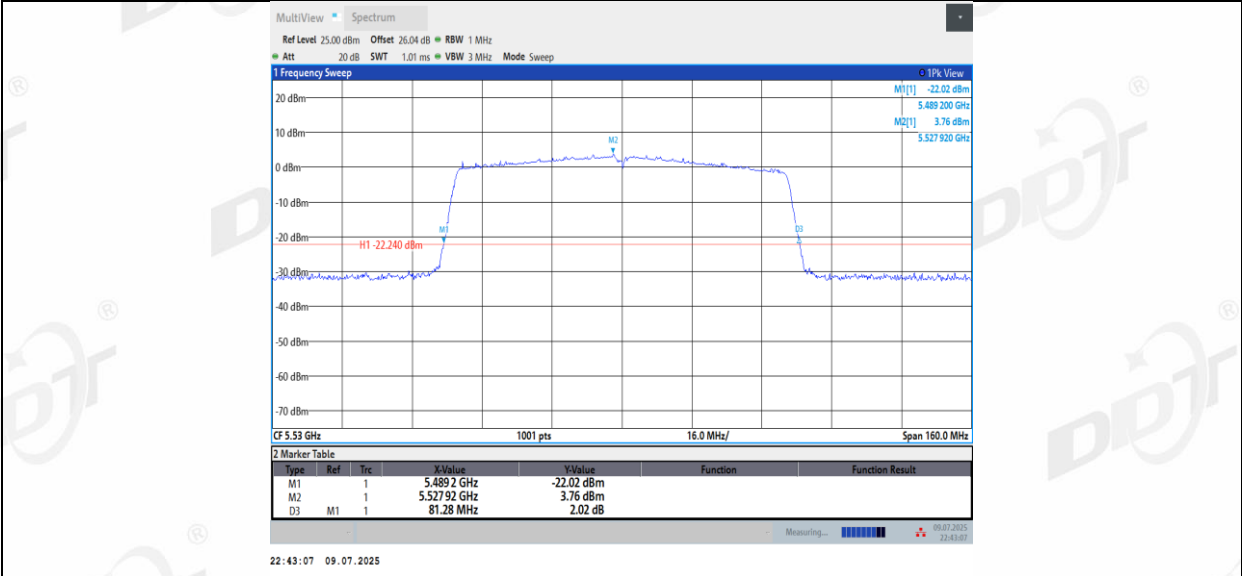
11AC80MIMO_Ant1_5290



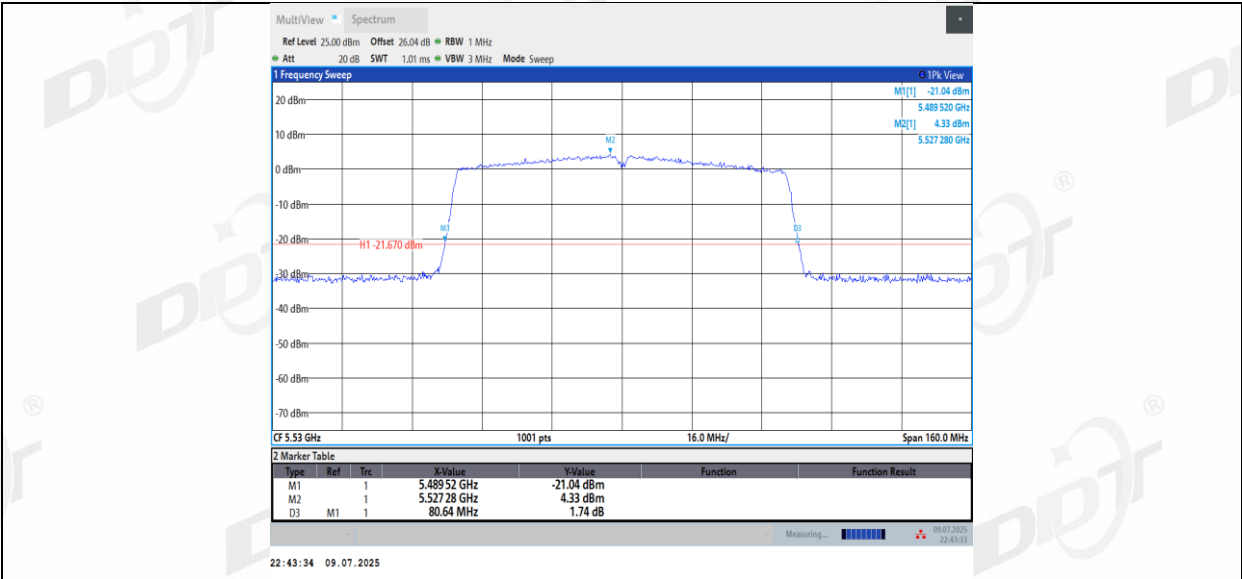
11AC80MIMO_Ant2_5290



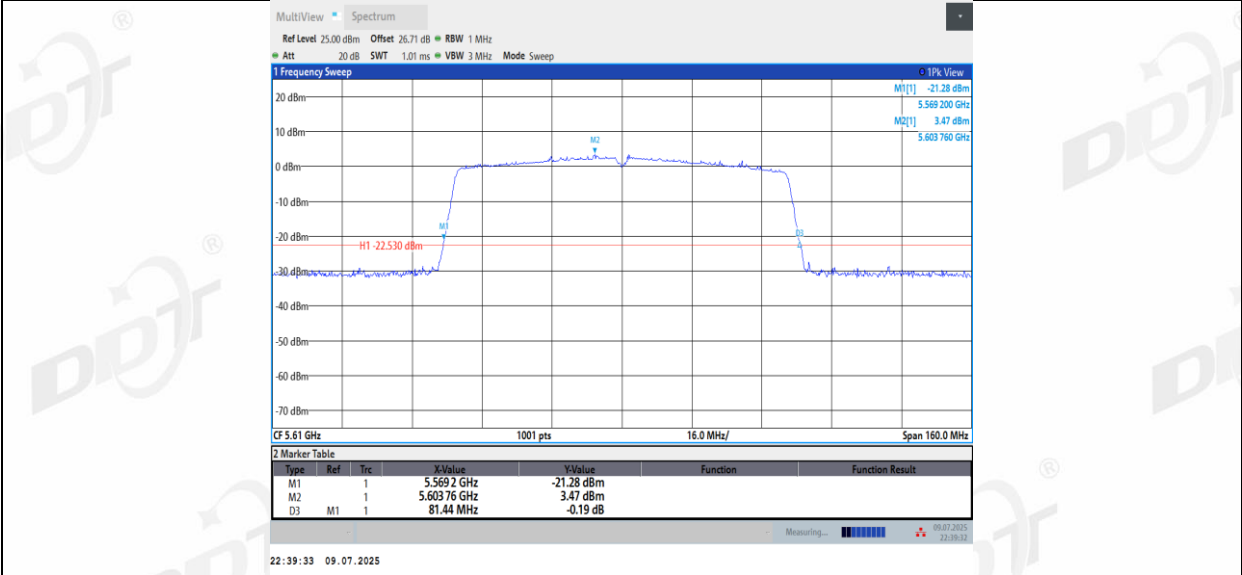
11AC80MIMO_Ant1_5530



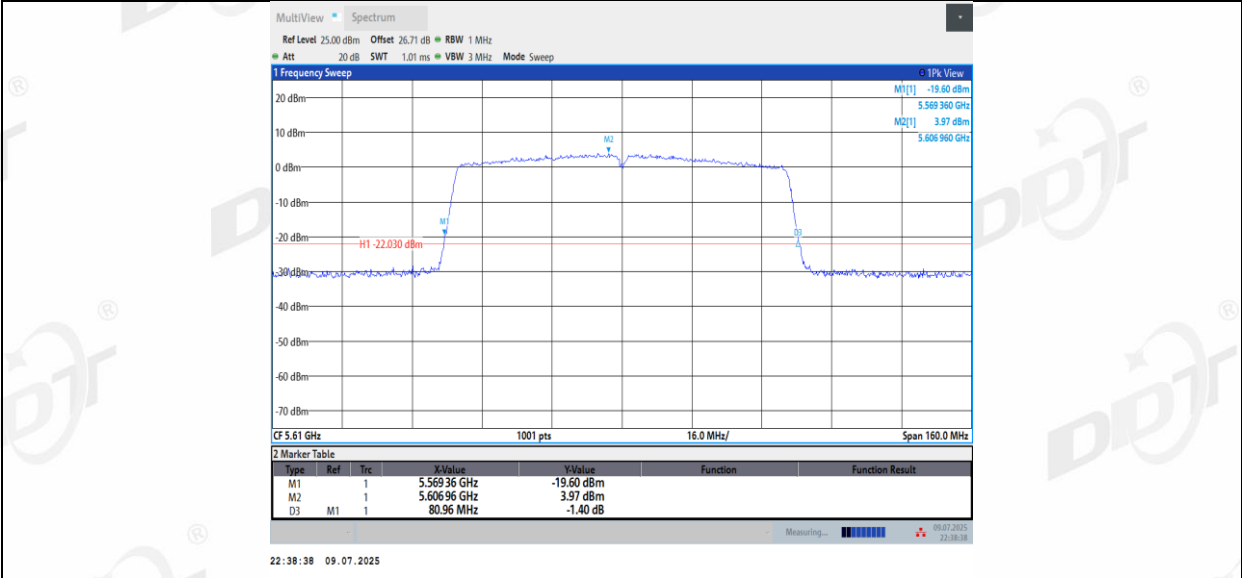
11AC80MIMO_Ant2_5530



11AC80MIMO_Ant1_5610

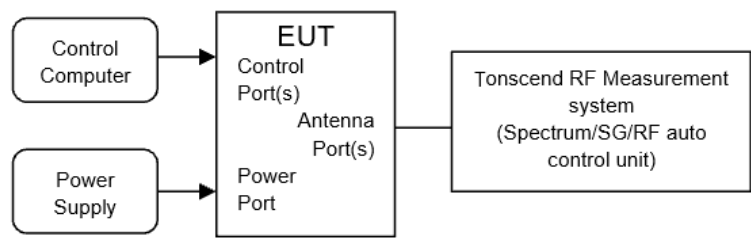


11AC80MIMO_Ant2_5610



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

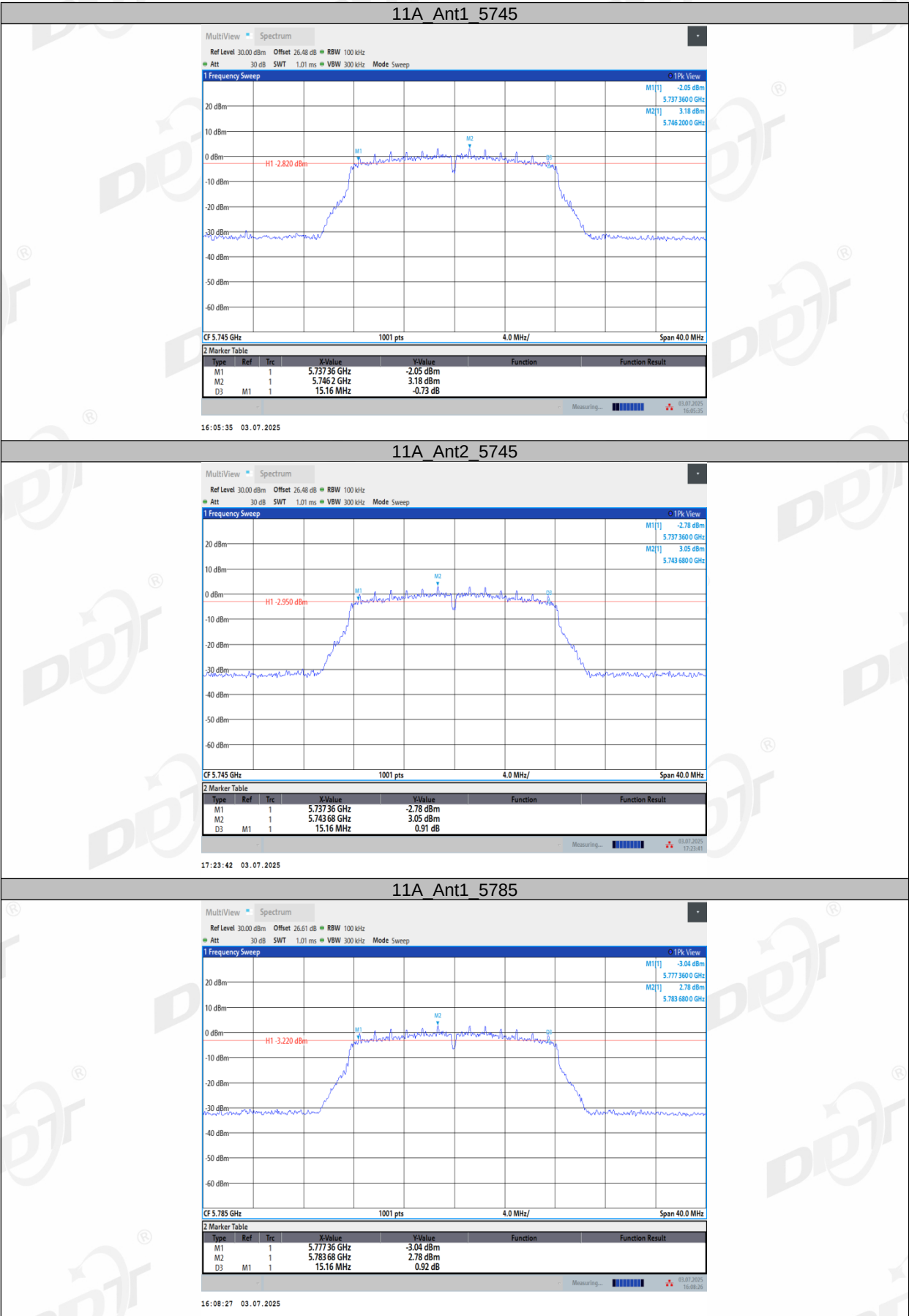
Allow the trace to stabilize, measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

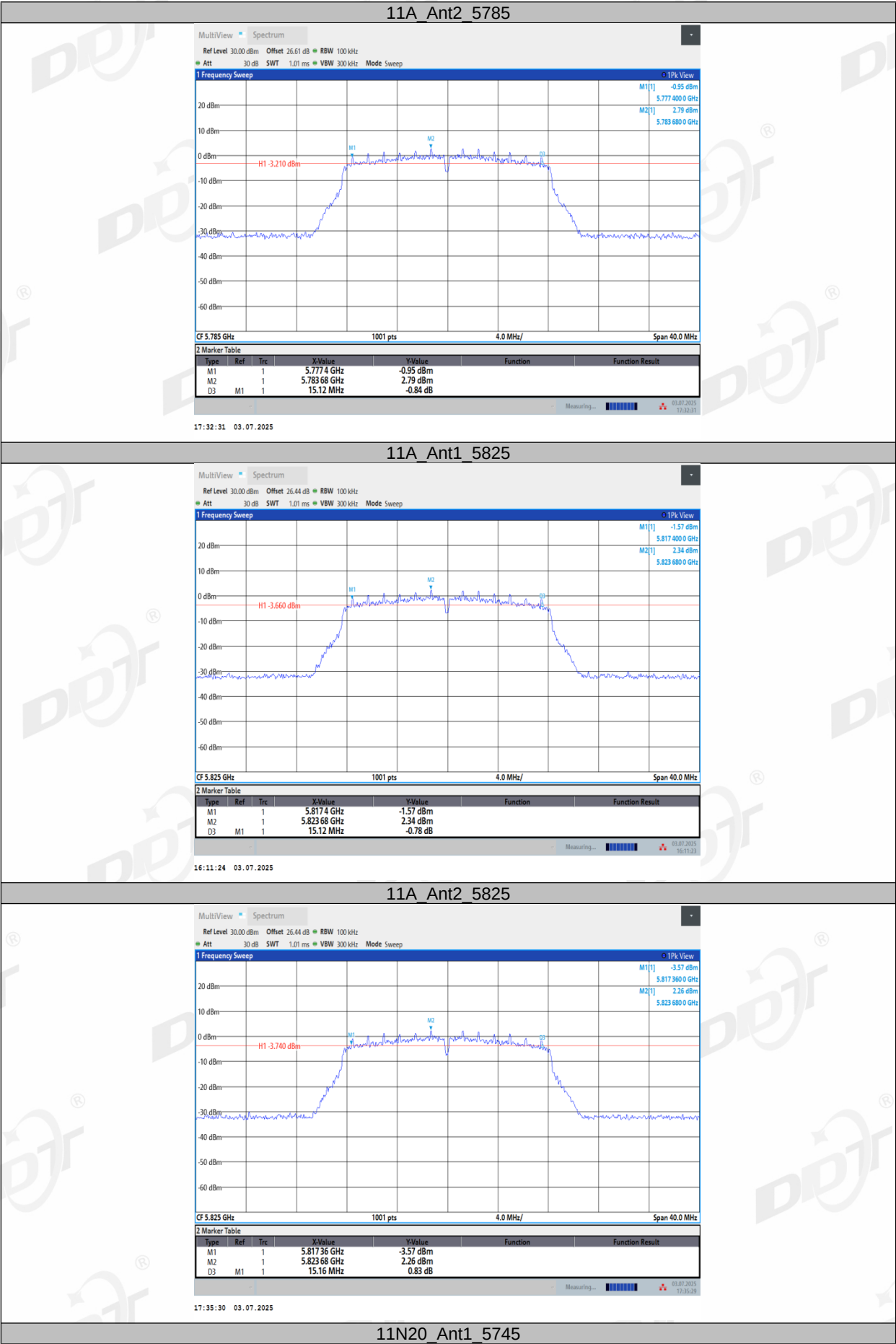
5.4. Test result B4

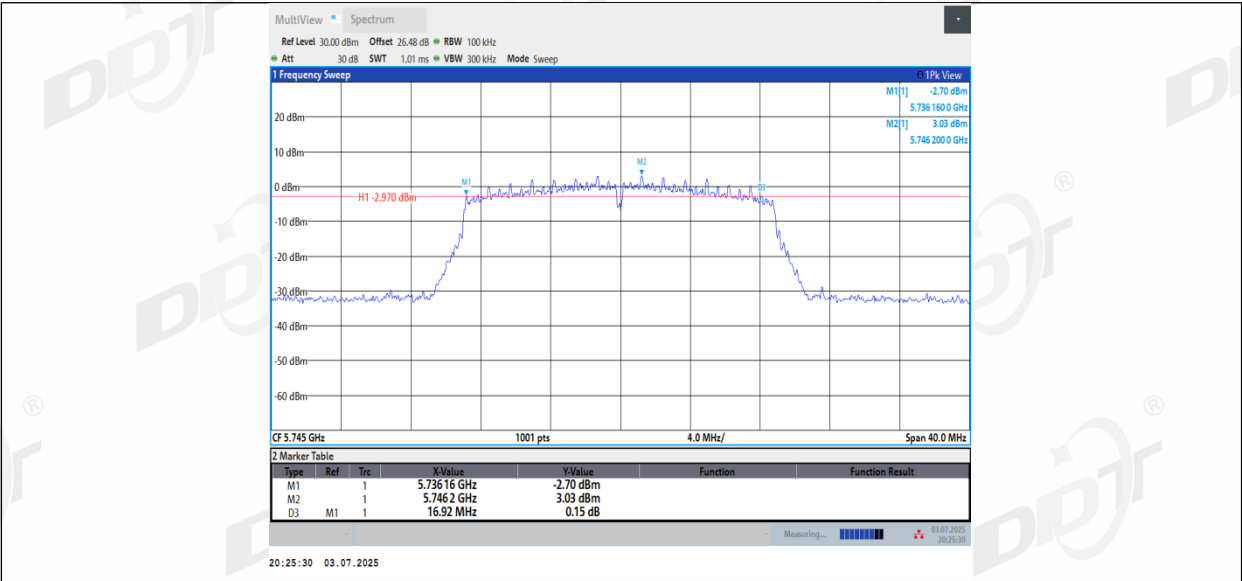
Test Engineer:	Huang Yanwen	Test Site:	RF Measurement System 4#
Ambient Condition:	23.8-26.7℃,42.5-48.6%RH	Test Date:	2025.07.03-2025.07.17
Test Power Supply:	DC 12V	Sample Number:	S25061922-004

Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.16	5737.36	5752.52	0.5	PASS
	Ant2	5745	15.16	5737.36	5752.52	0.5	PASS
	Ant1	5785	15.16	5777.36	5792.52	0.5	PASS
	Ant2	5785	15.12	5777.40	5792.52	0.5	PASS
	Ant1	5825	15.12	5817.40	5832.52	0.5	PASS
	Ant2	5825	15.16	5817.36	5832.52	0.5	PASS
11N20	Ant1	5745	16.92	5736.16	5753.08	0.5	PASS
	Ant2	5745	15.16	5737.36	5752.52	0.5	PASS
	Ant1	5785	16.32	5776.80	5793.12	0.5	PASS
	Ant2	5785	15.12	5777.40	5792.52	0.5	PASS
	Ant1	5825	16.36	5816.76	5833.12	0.5	PASS
	Ant2	5825	15.16	5817.36	5832.52	0.5	PASS
11N40	Ant1	5755	35.12	5737.40	5772.52	0.5	PASS
	Ant2	5755	35.12	5737.40	5772.52	0.5	PASS
	Ant1	5795	35.12	5777.40	5812.52	0.5	PASS
	Ant2	5795	35.12	5777.40	5812.52	0.5	PASS
11AC20	Ant1	5745	15.72	5736.80	5752.52	0.5	PASS
	Ant2	5745	15.16	5737.36	5752.52	0.5	PASS
	Ant1	5785	16.32	5776.76	5793.08	0.5	PASS
	Ant2	5785	15.16	5777.36	5792.52	0.5	PASS
	Ant1	5825	16.32	5816.76	5833.08	0.5	PASS
	Ant2	5825	15.12	5817.40	5832.52	0.5	PASS
11AC40	Ant1	5755	35.12	5737.40	5772.52	0.5	PASS
	Ant2	5755	35.12	5737.40	5772.52	0.5	PASS
	Ant1	5795	35.12	5777.40	5812.52	0.5	PASS
	Ant2	5795	35.12	5777.40	5812.52	0.5	PASS
11AC80	Ant1	5775	75.20	5737.40	5812.60	0.5	PASS
	Ant2	5775	75.20	5737.40	5812.60	0.5	PASS

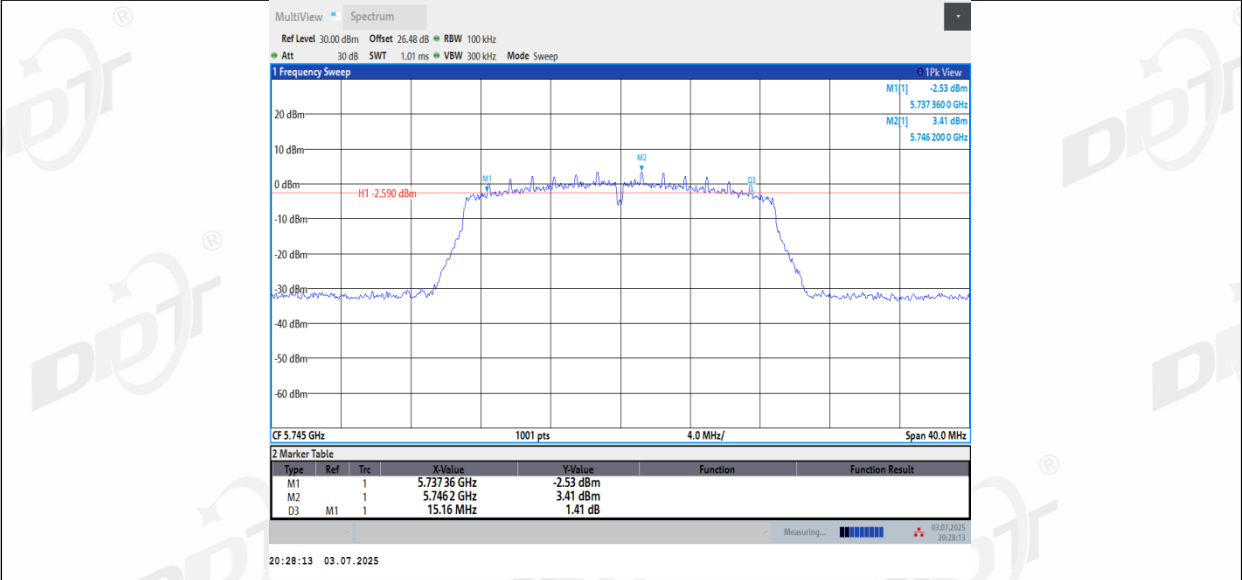
5.5. Test graphs B4



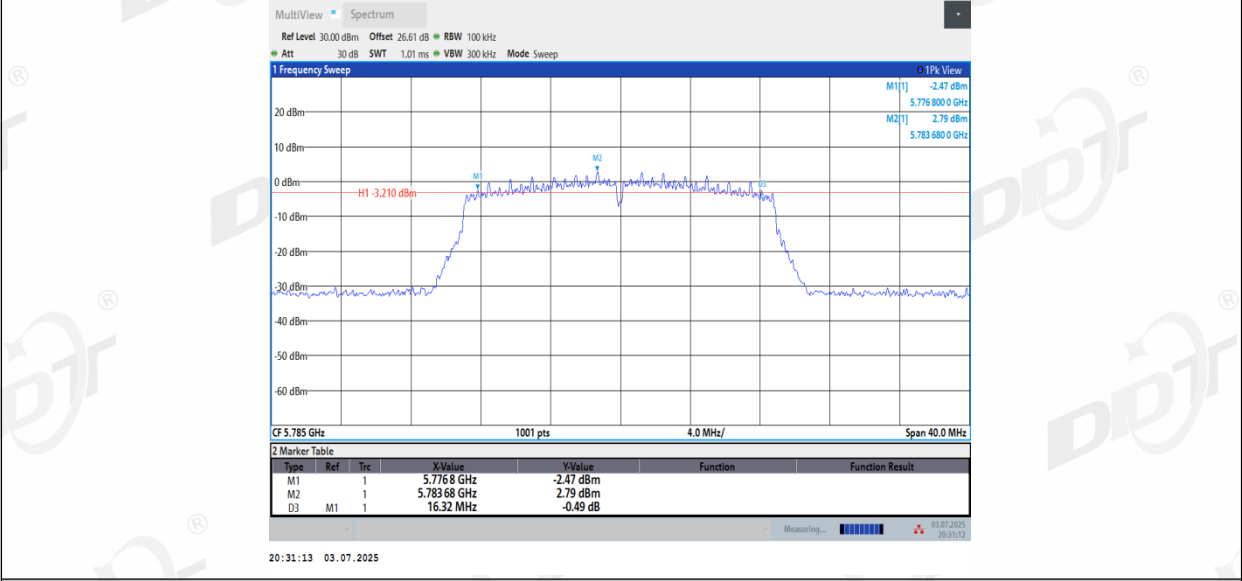




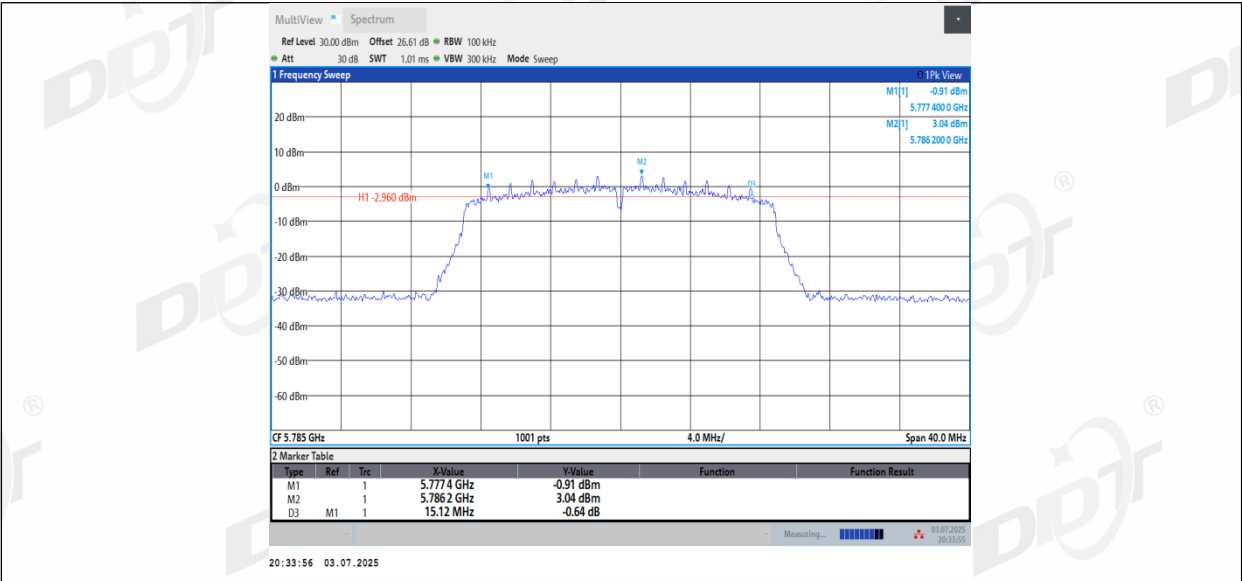
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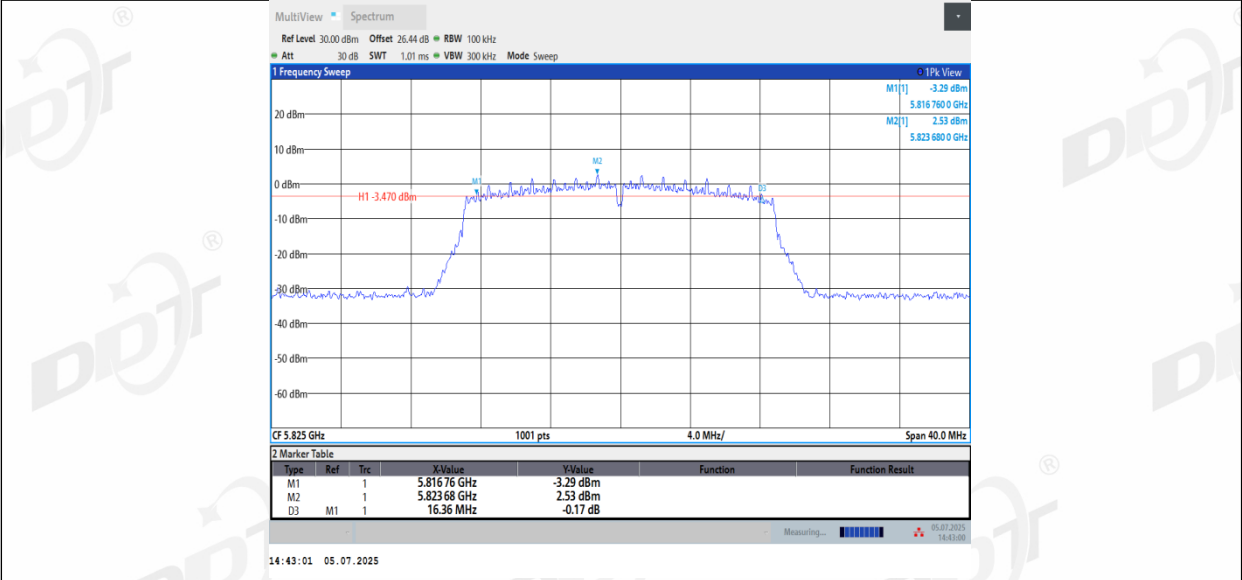
11N20_Ant1_5785



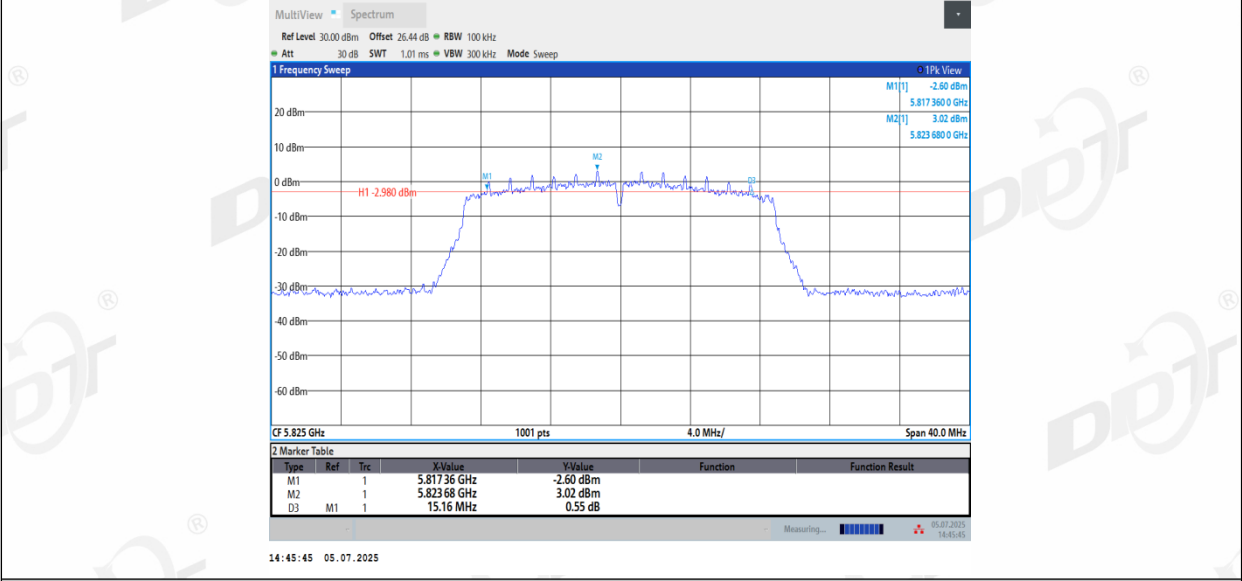
11N20_Ant2_5785



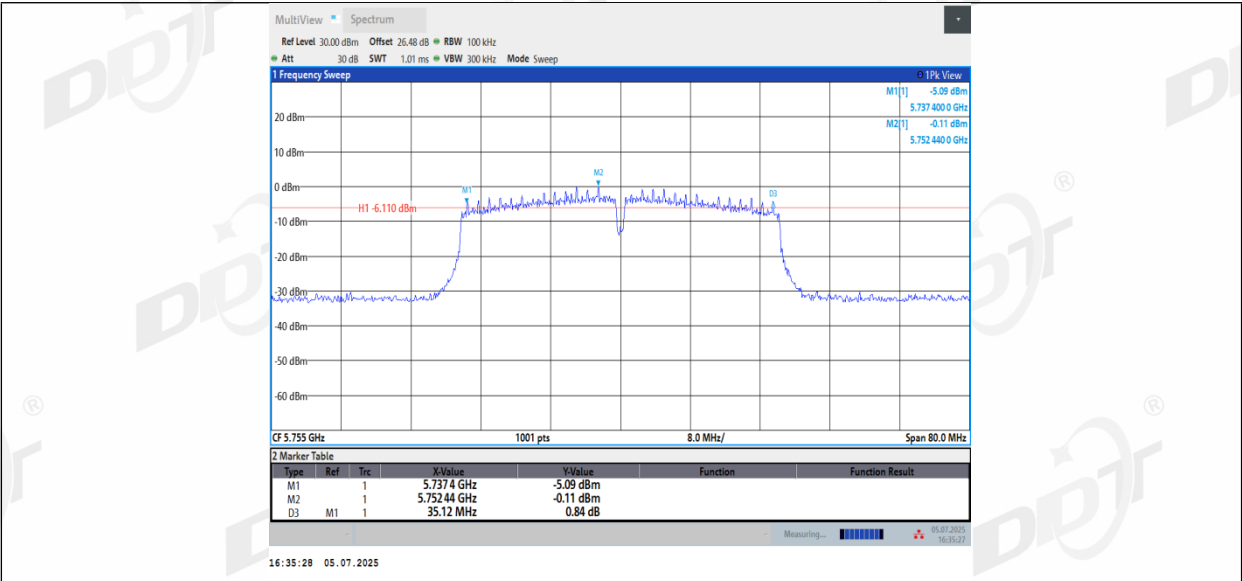
11N20_Ant1_5825



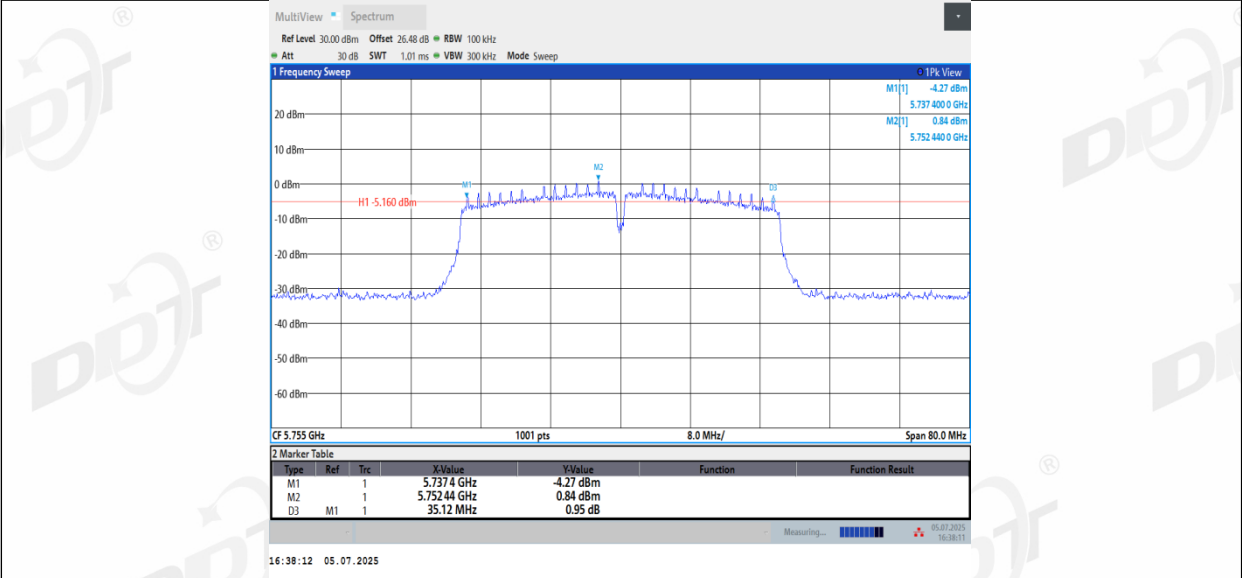
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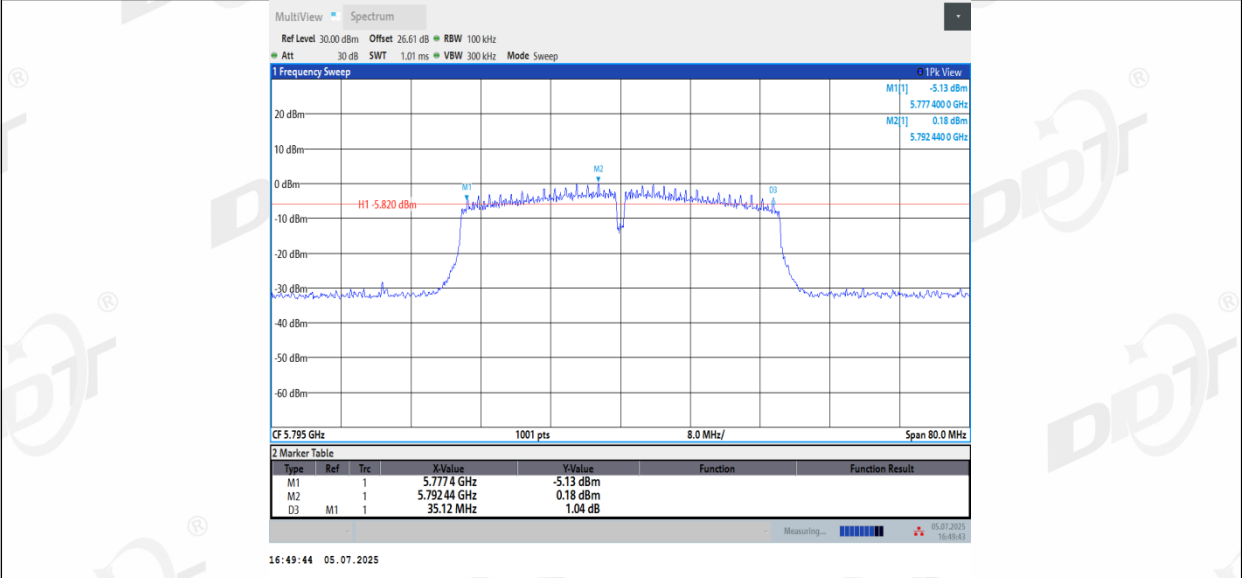
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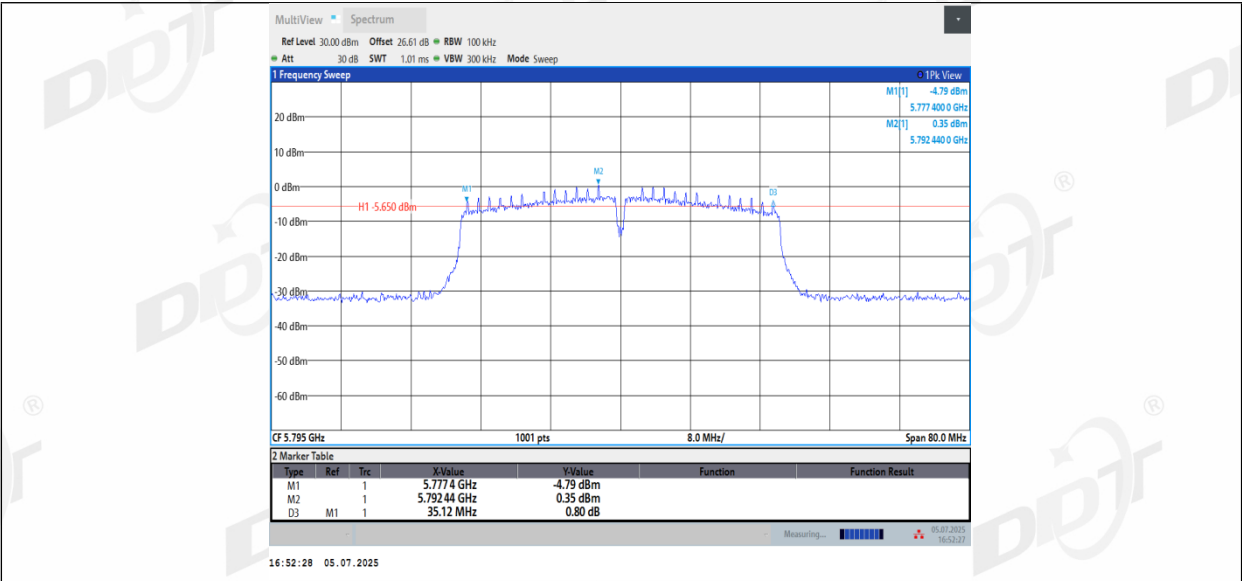
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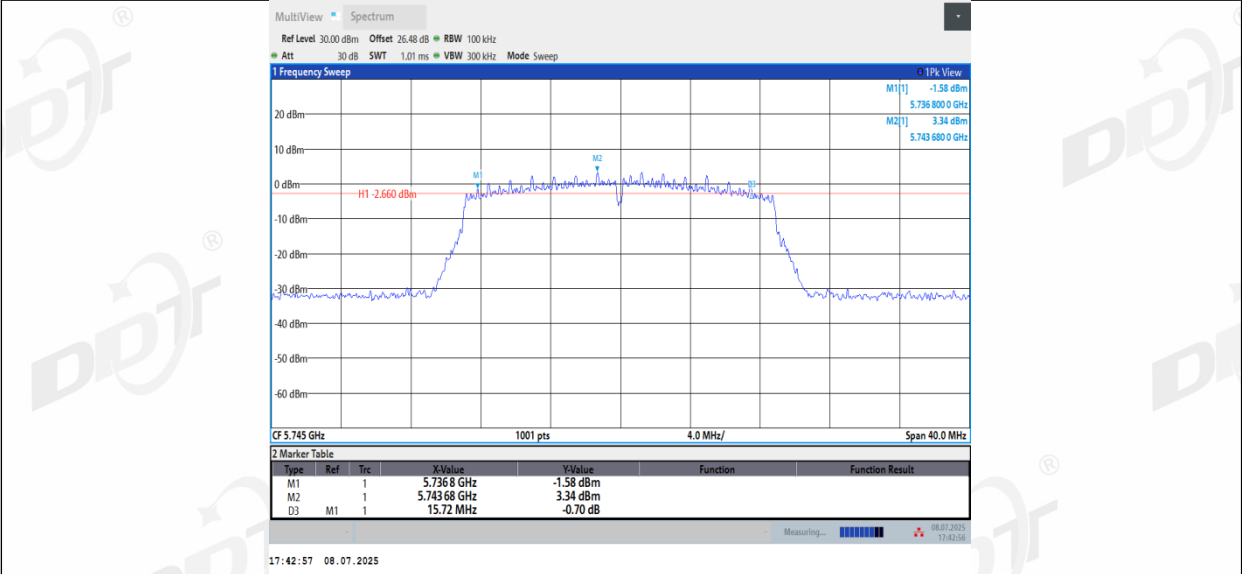
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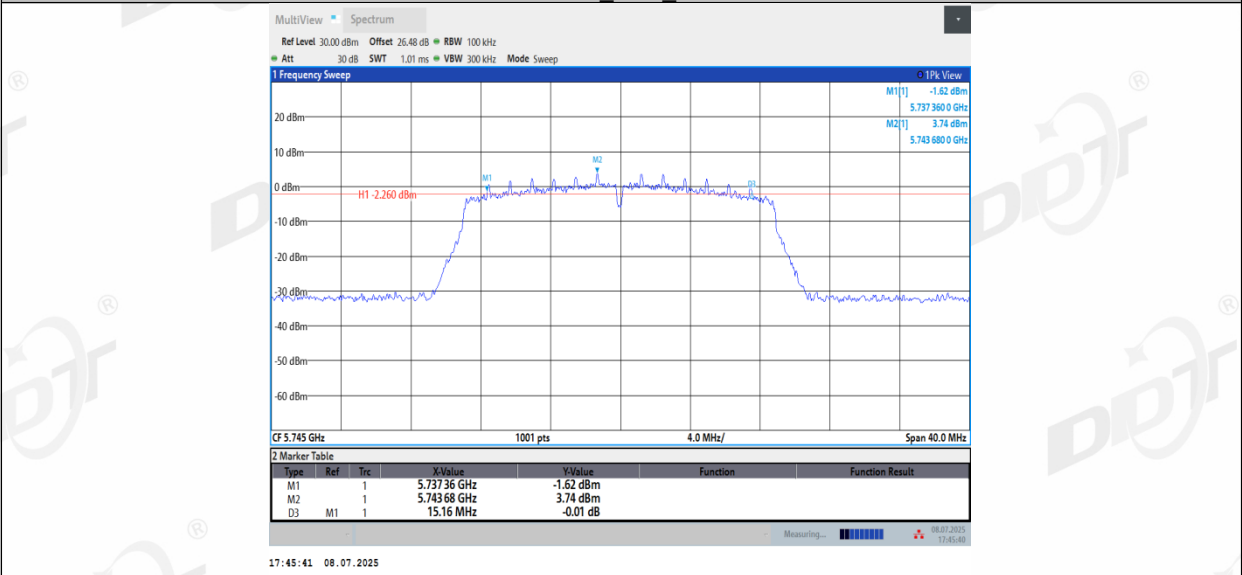
11N40_Ant2_5795



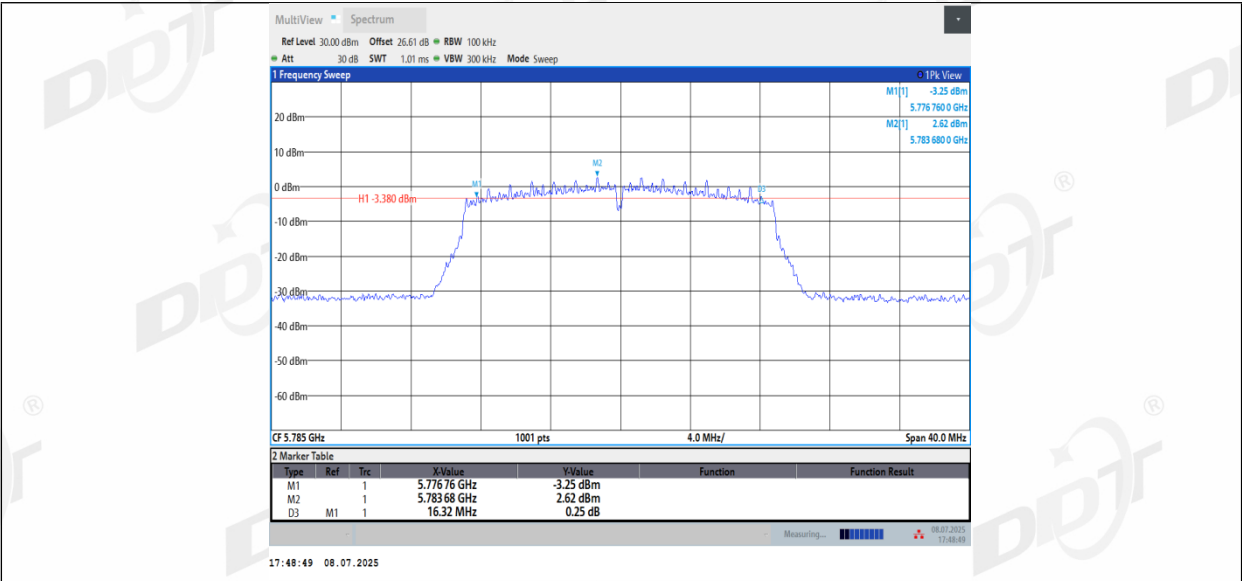
11AC20_Ant1_5745



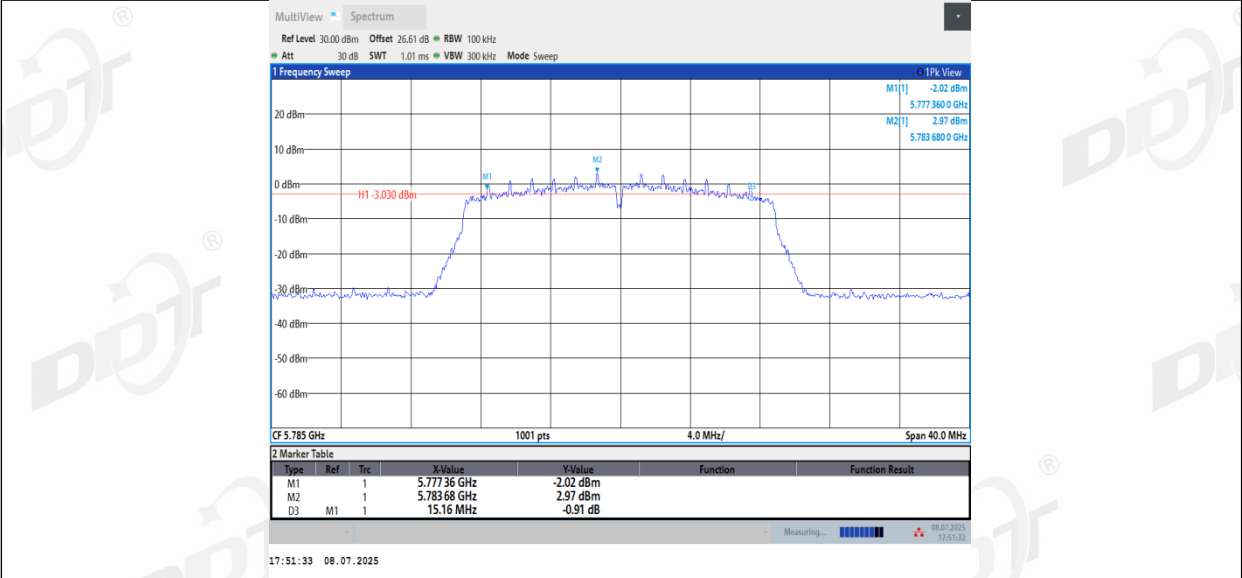
11AC20_Ant2_5745



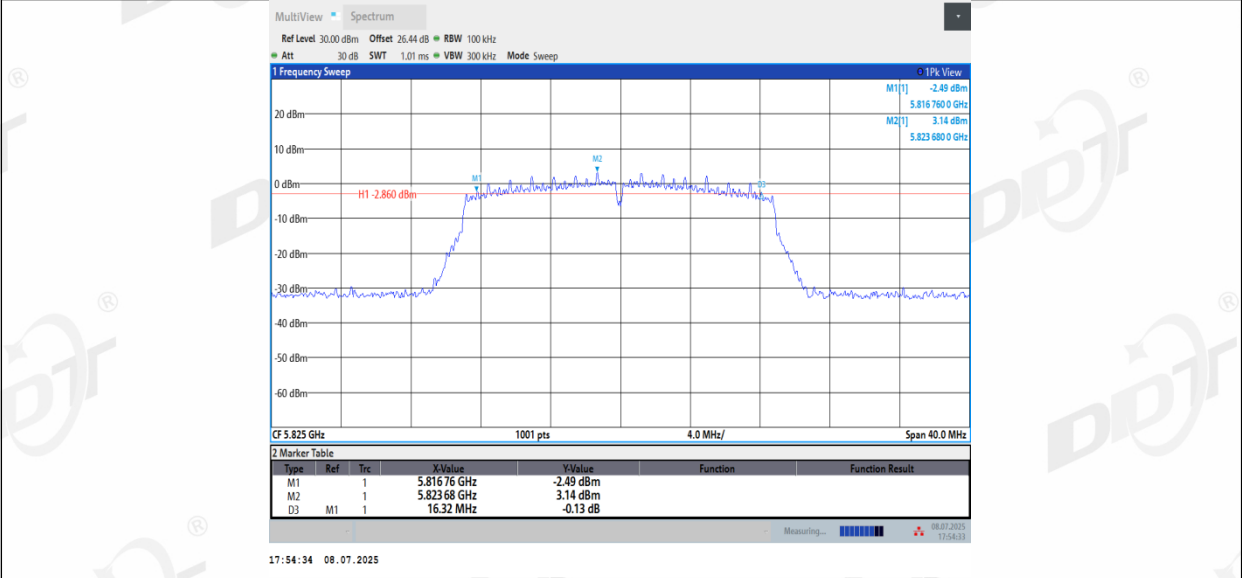
11AC20_Ant1_5785



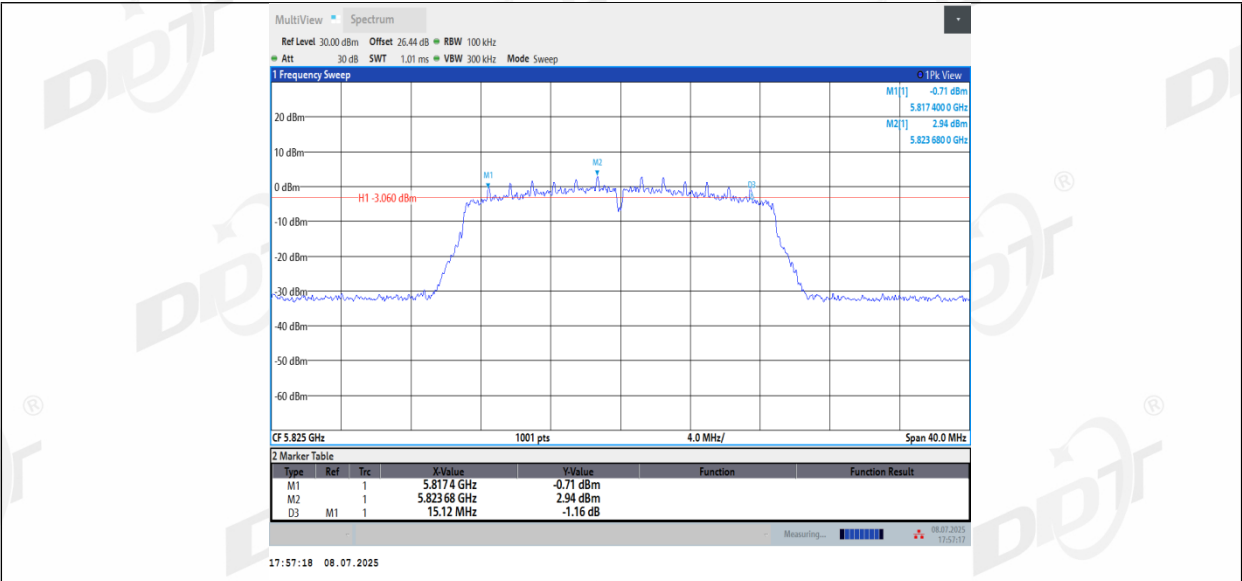
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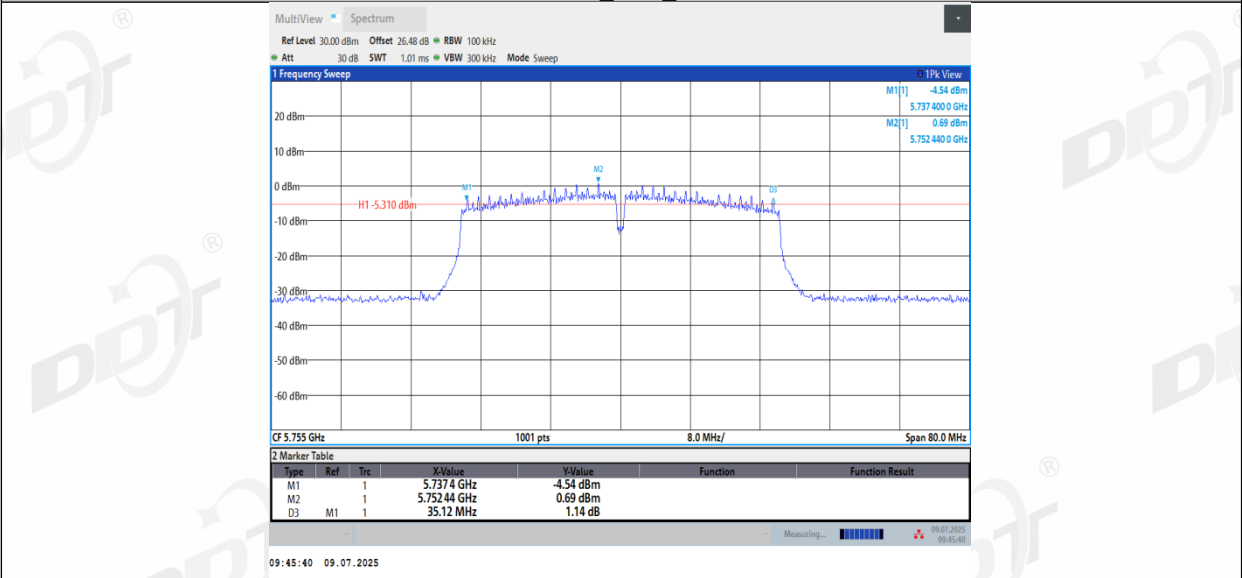
11AC20_Ant1_5825



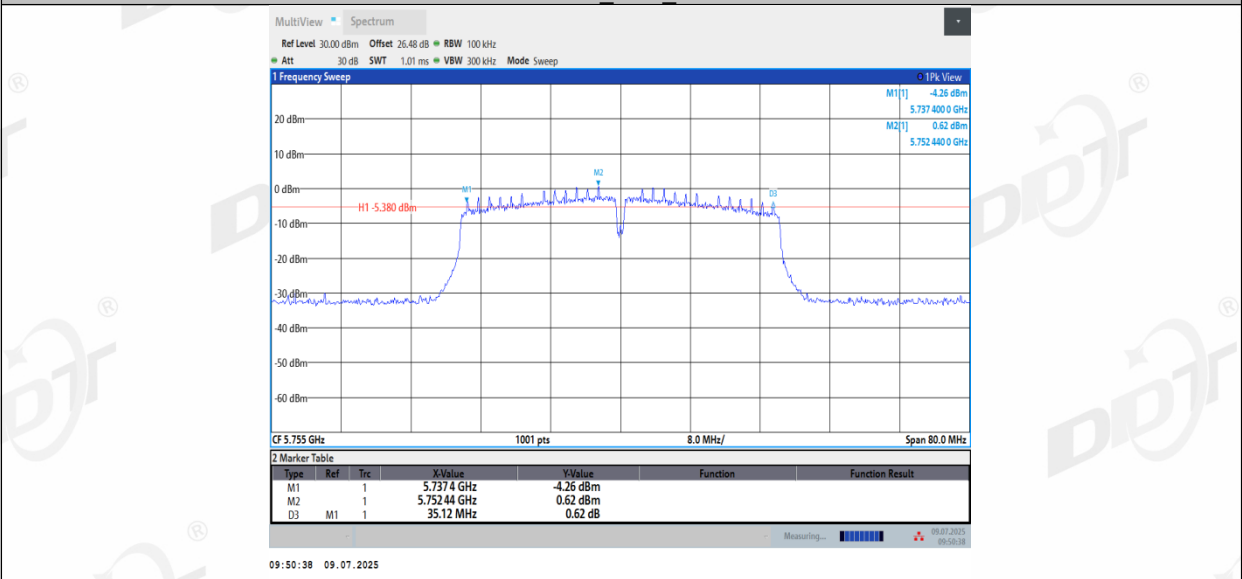
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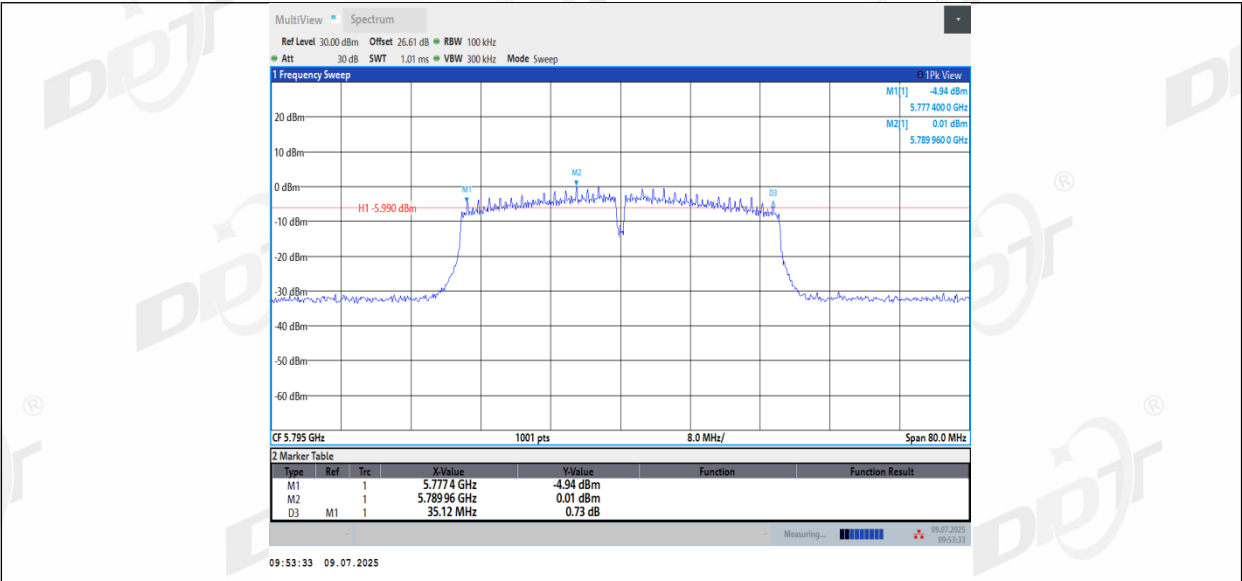
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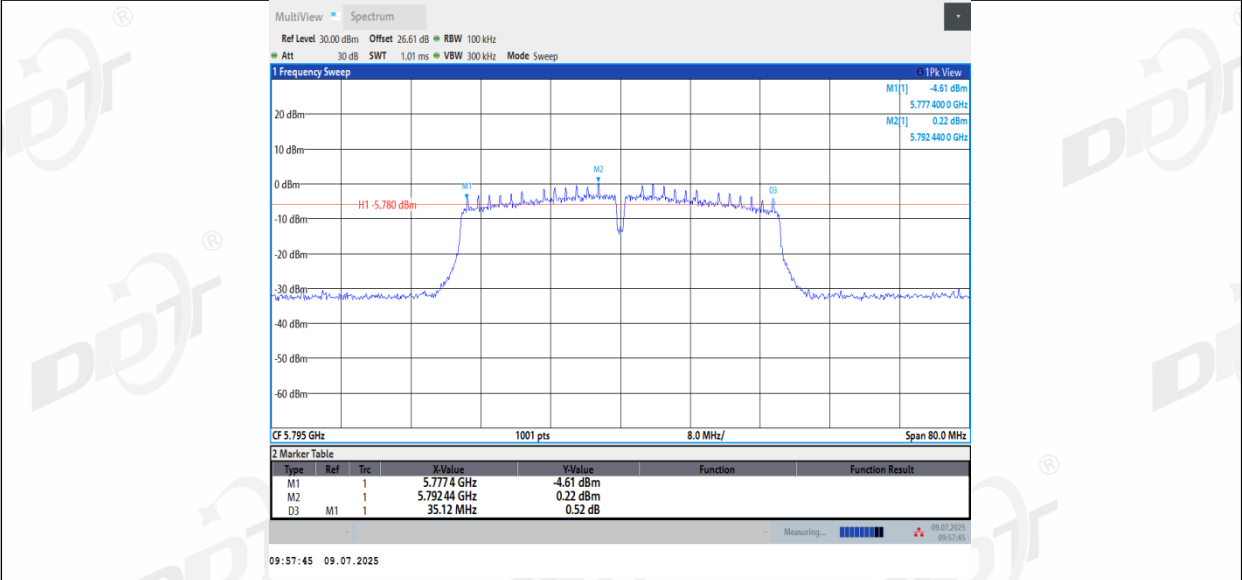
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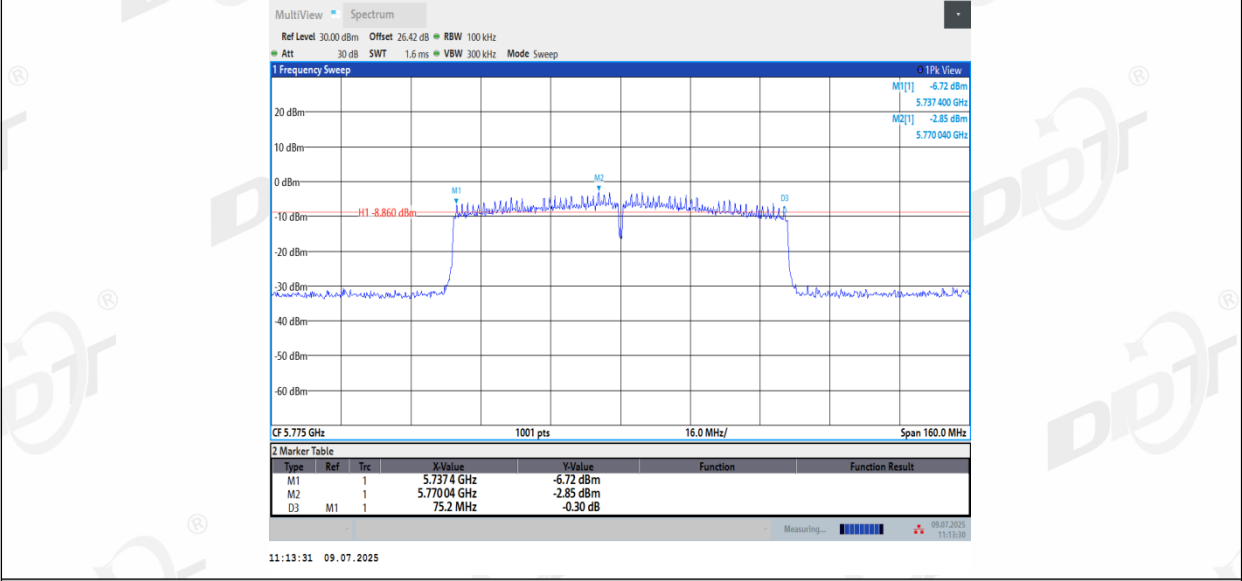
11AC40_Ant1_5795



11AC40_Ant2_5795



11AC80_Ant1_5775



11AC80_Ant2_5775

