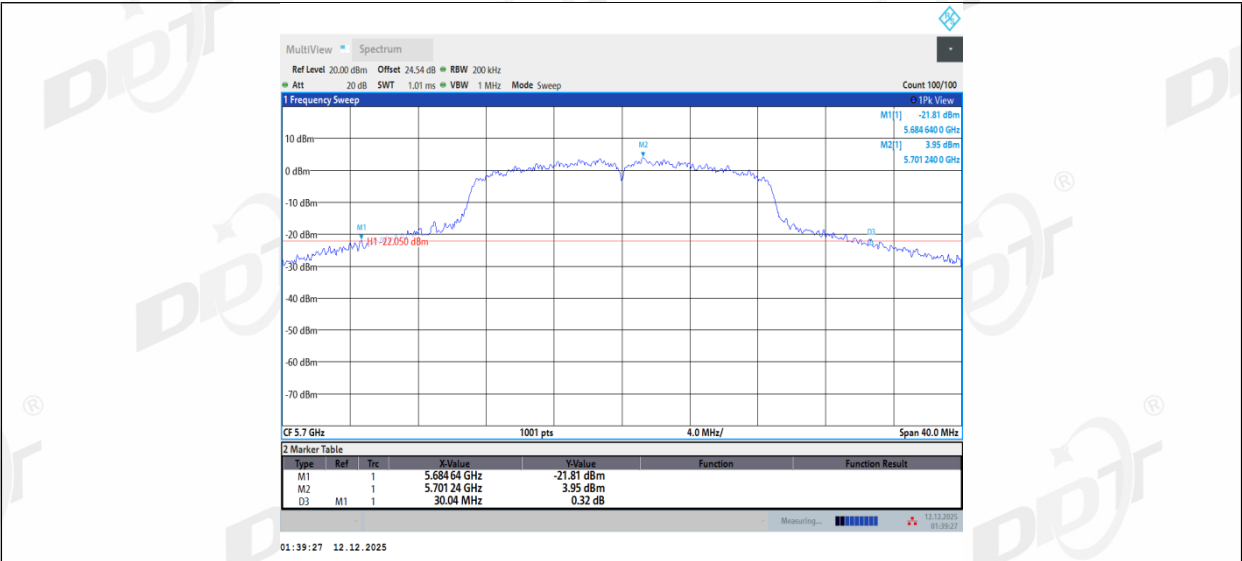
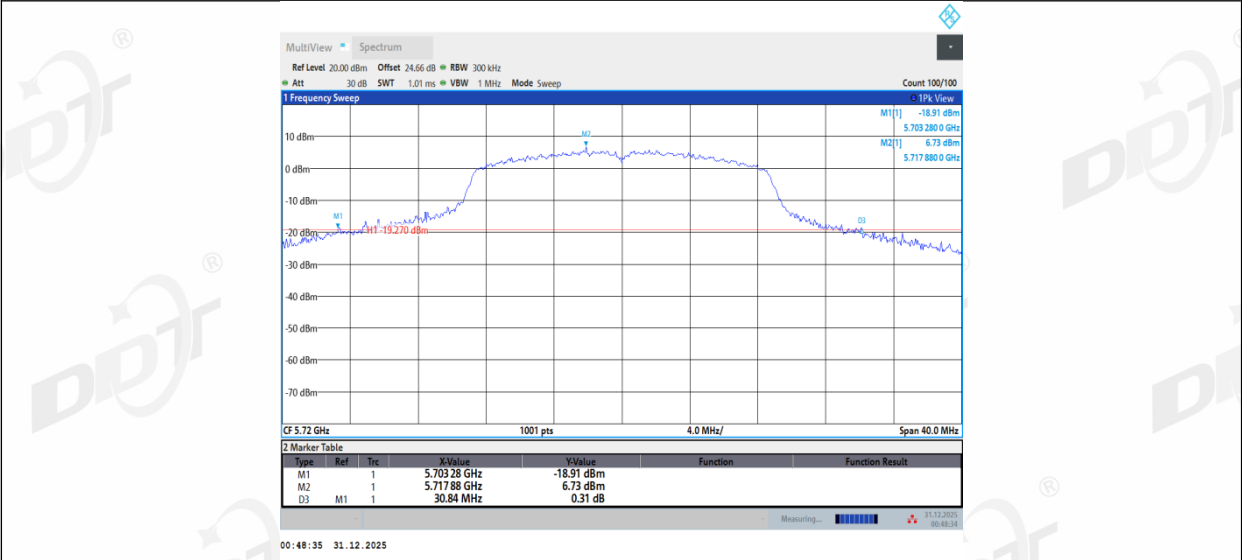
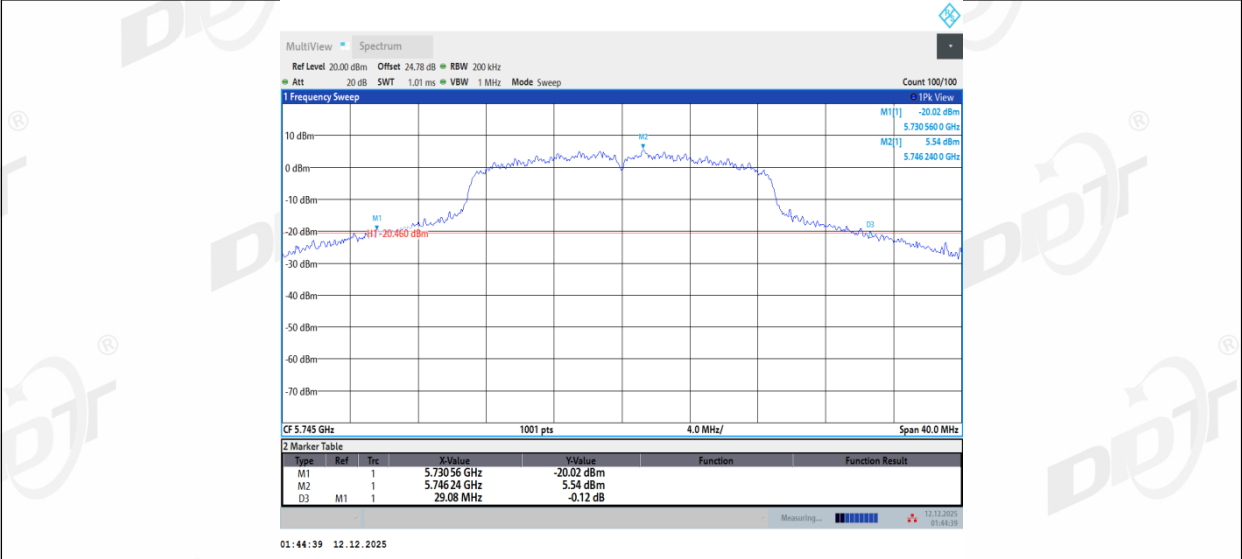




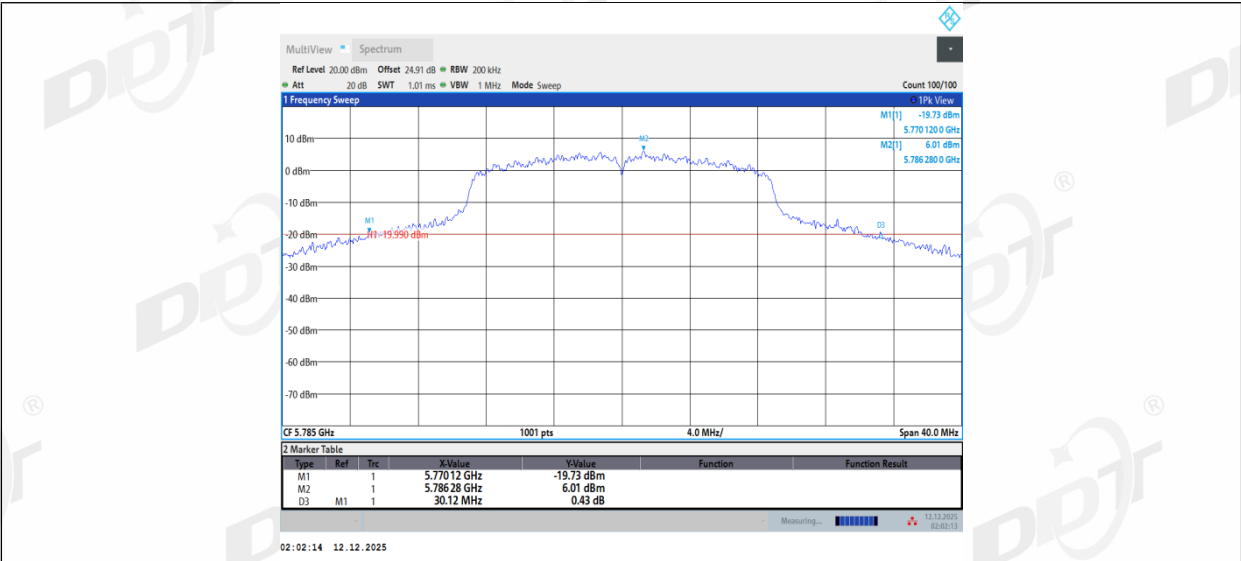
11N20SISO_Ant1_5720



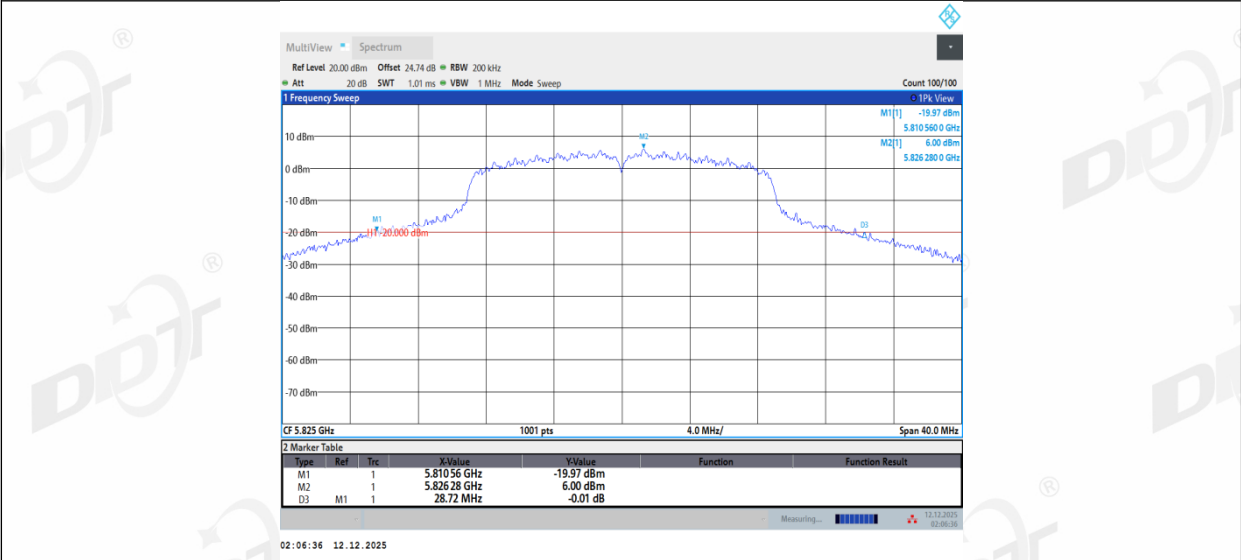
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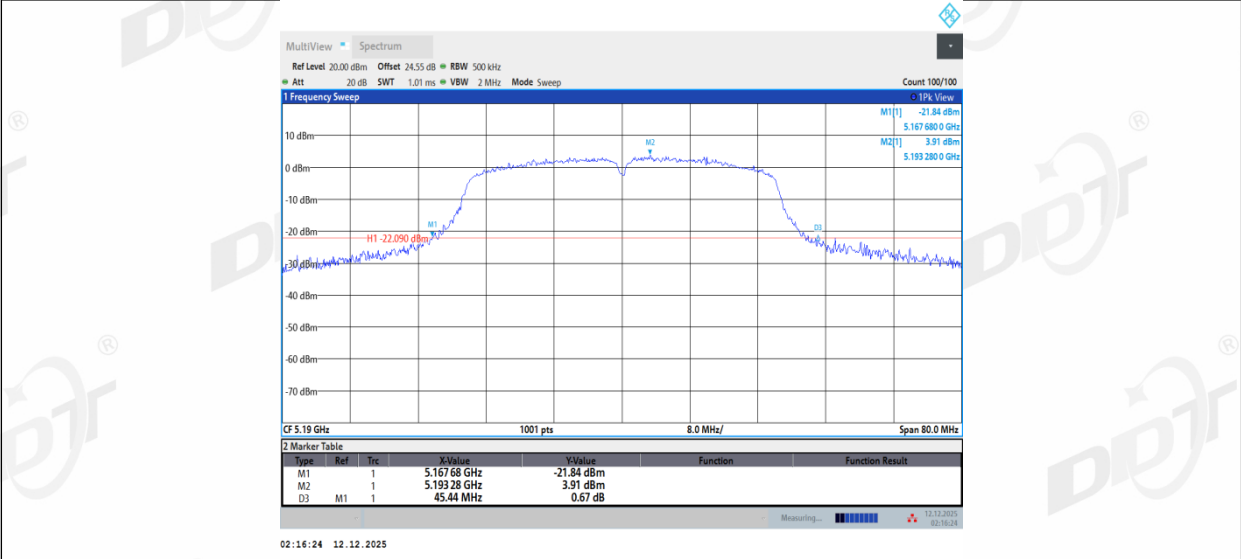
11N20SISO_Ant1_5785



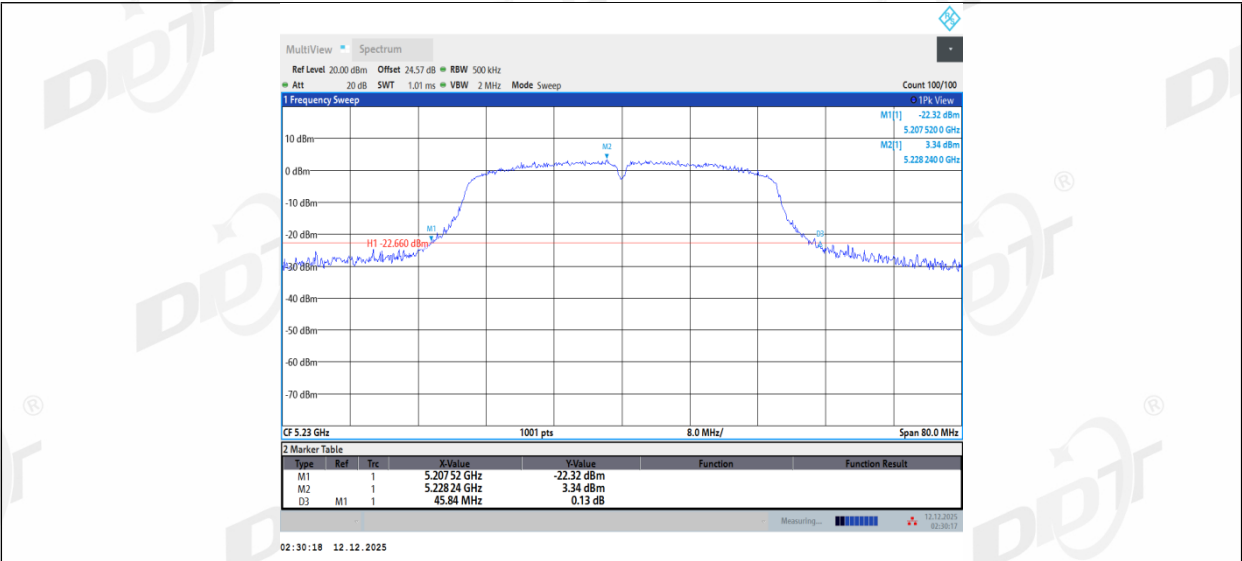
11N20SISO_Ant1_5825



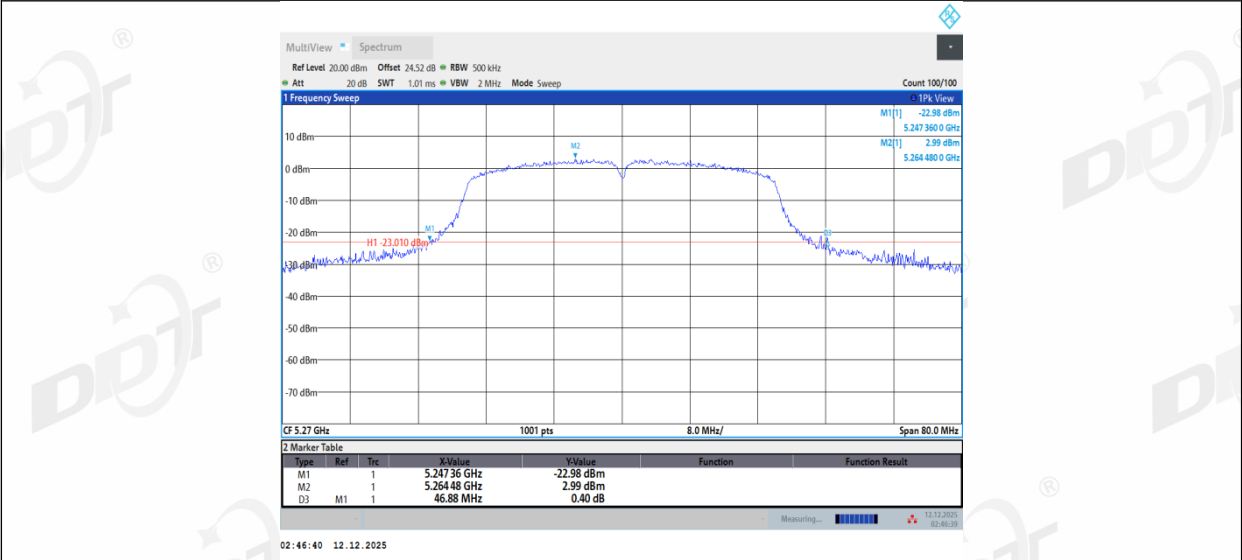
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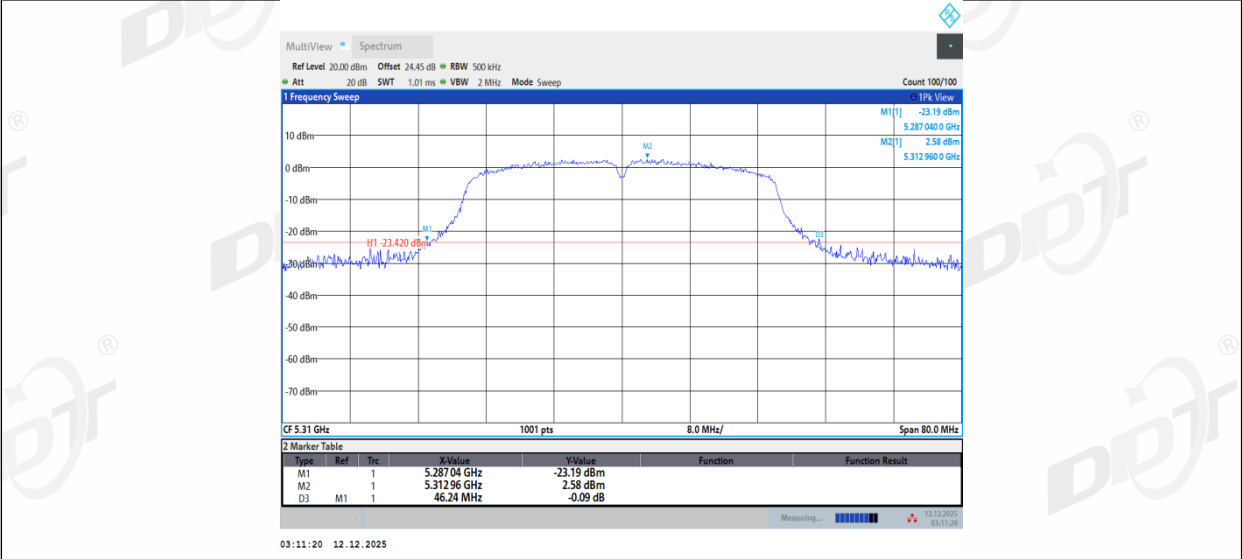
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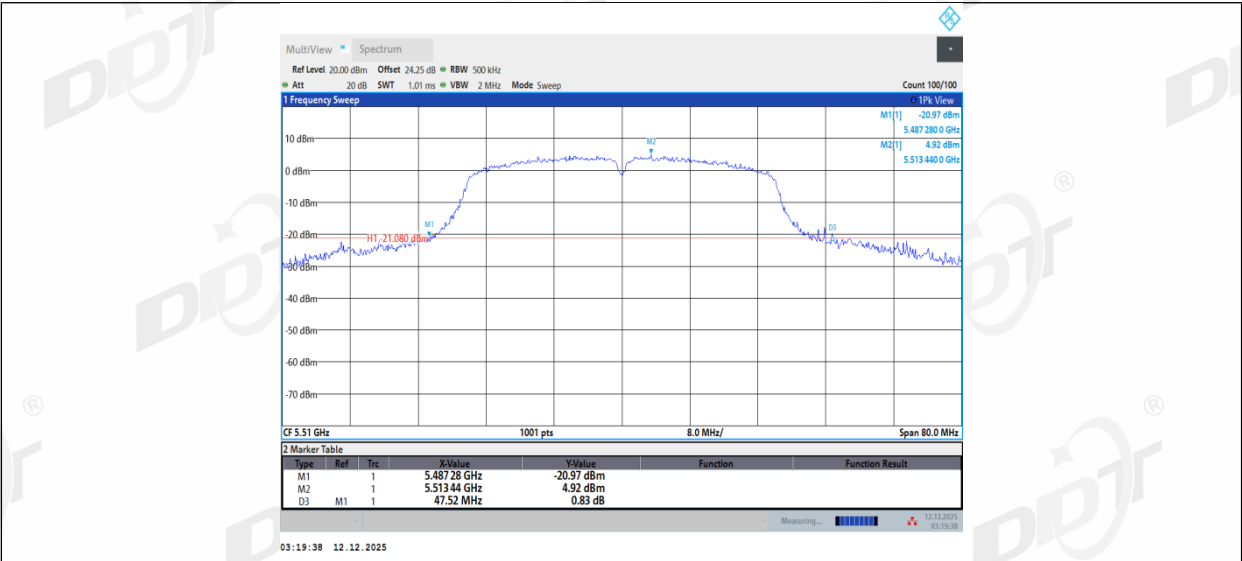
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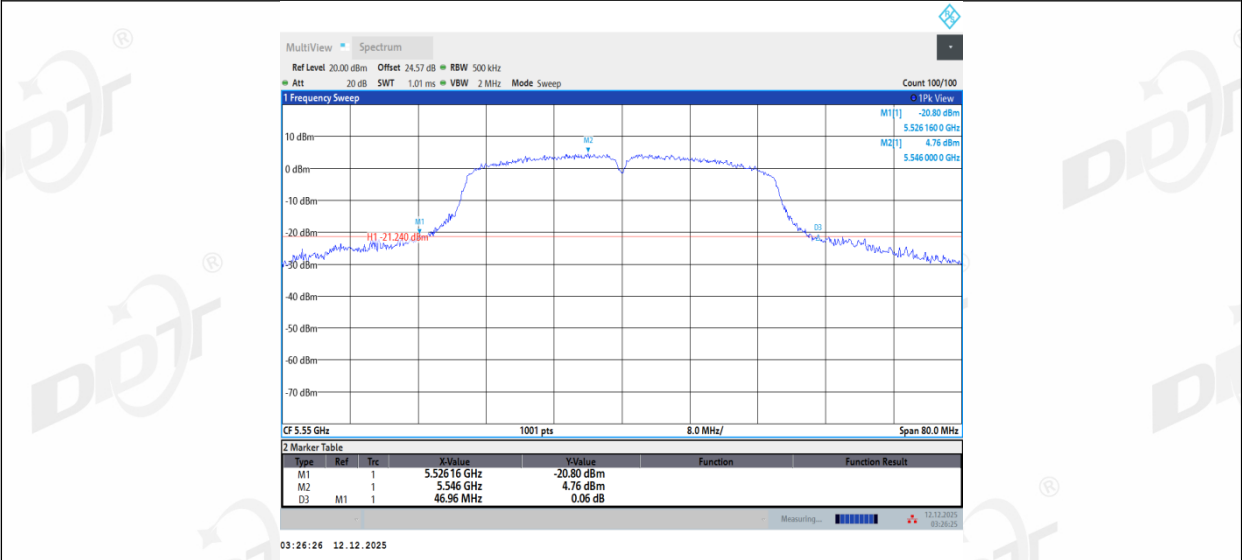
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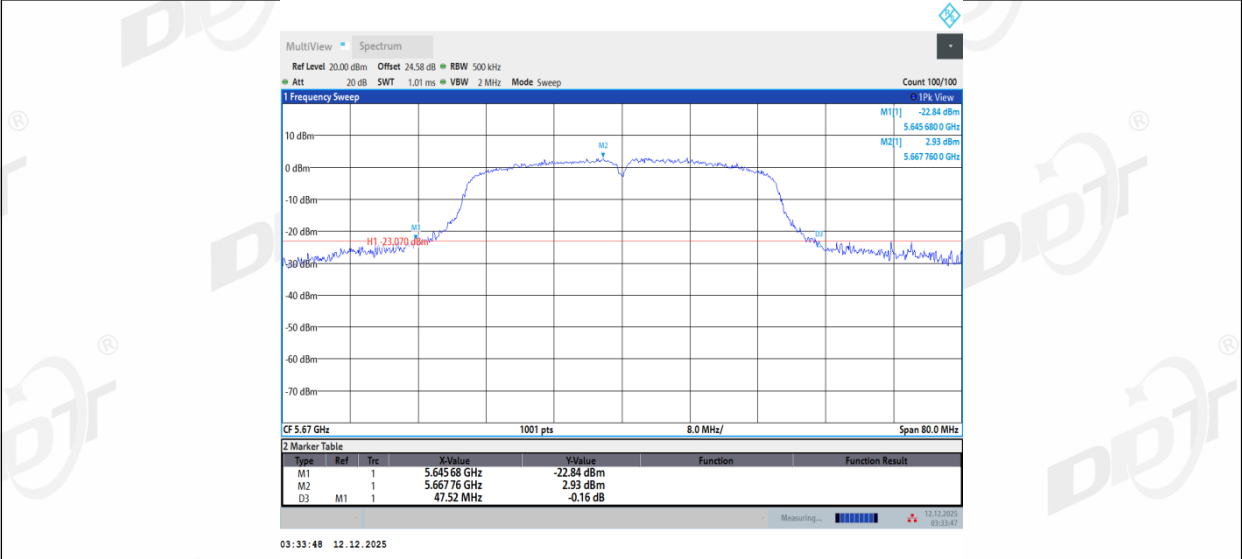
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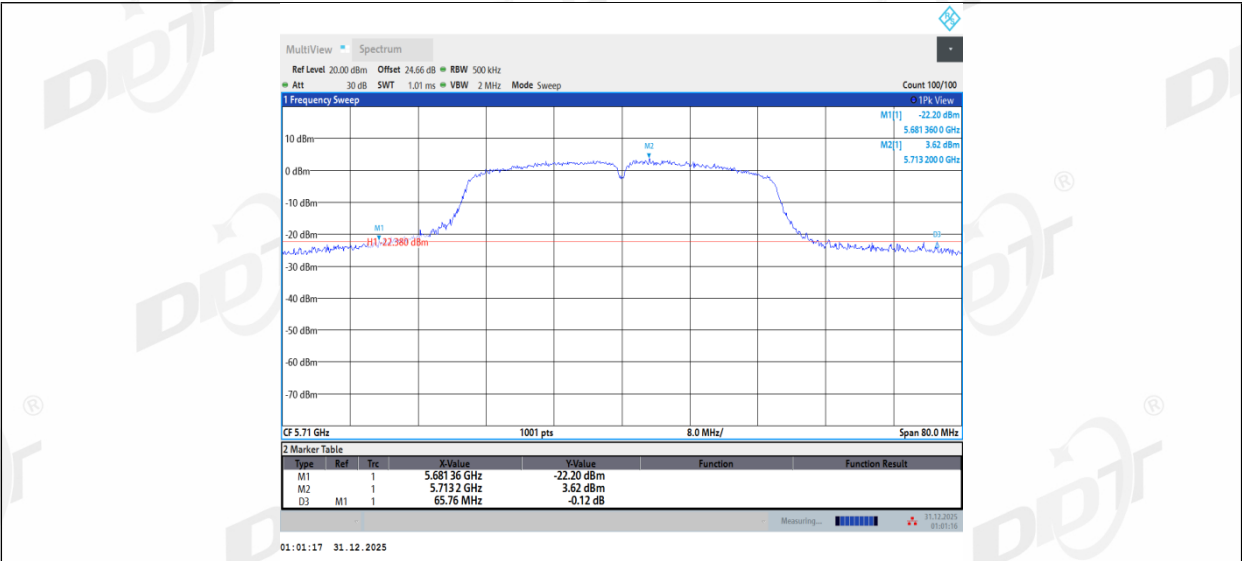
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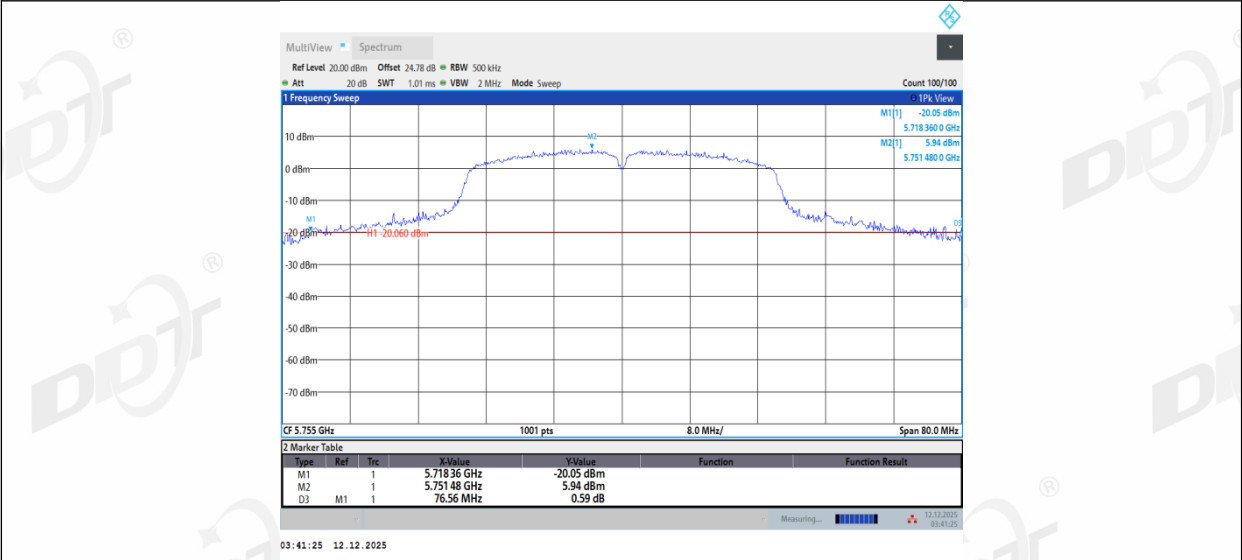
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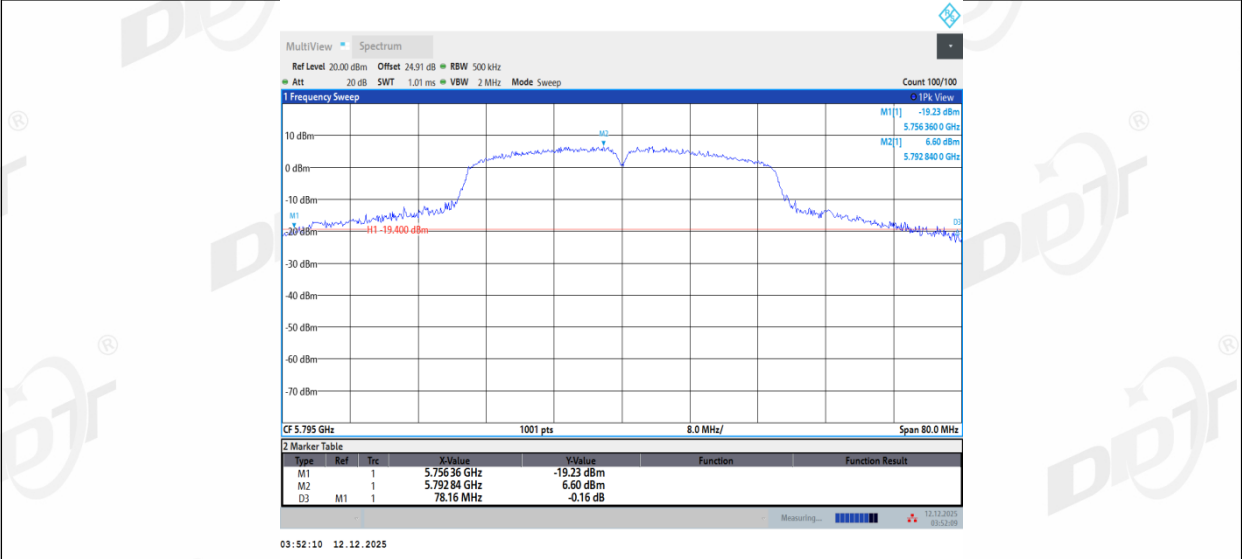
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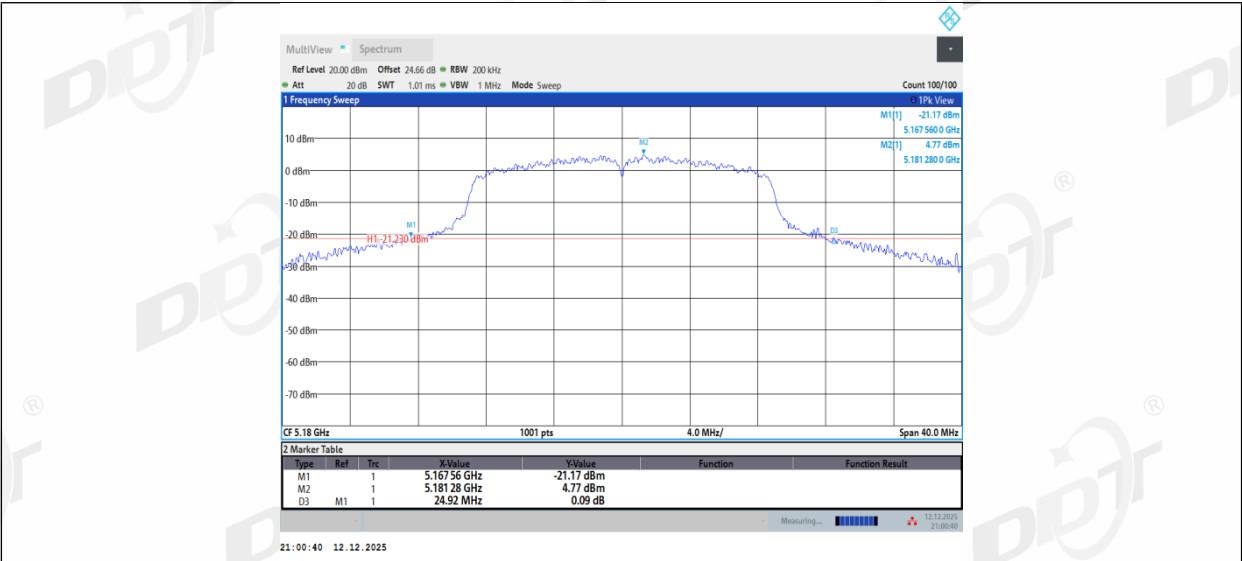
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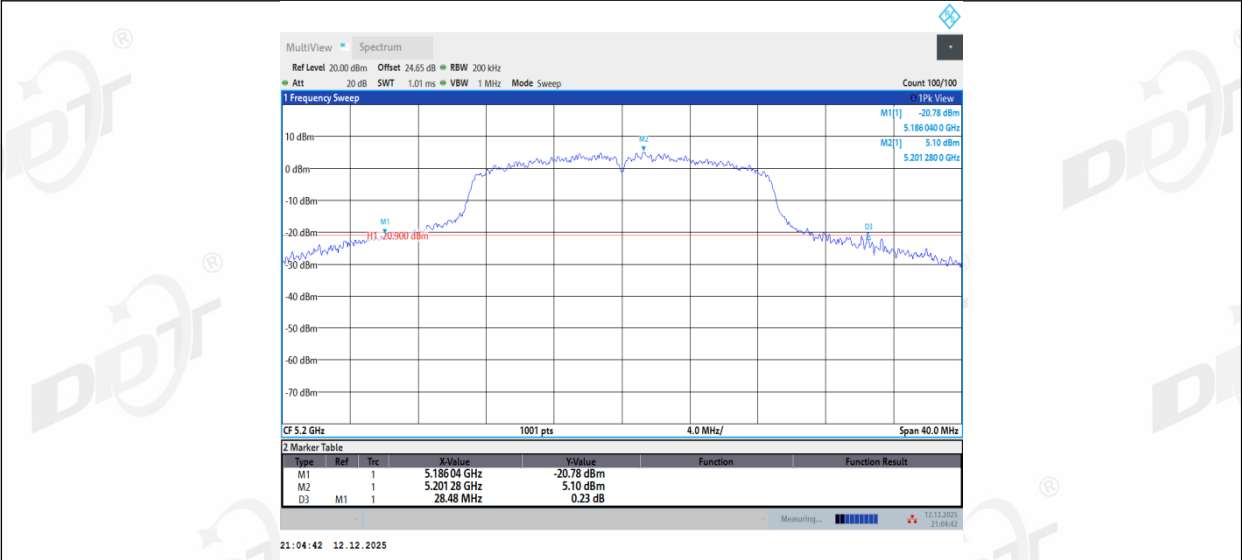
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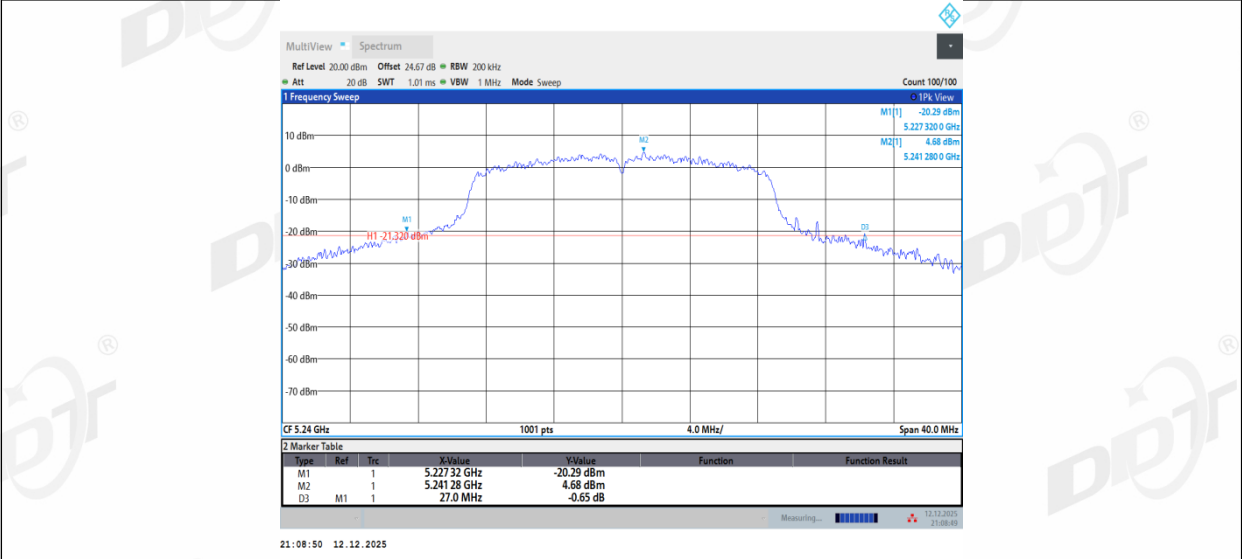
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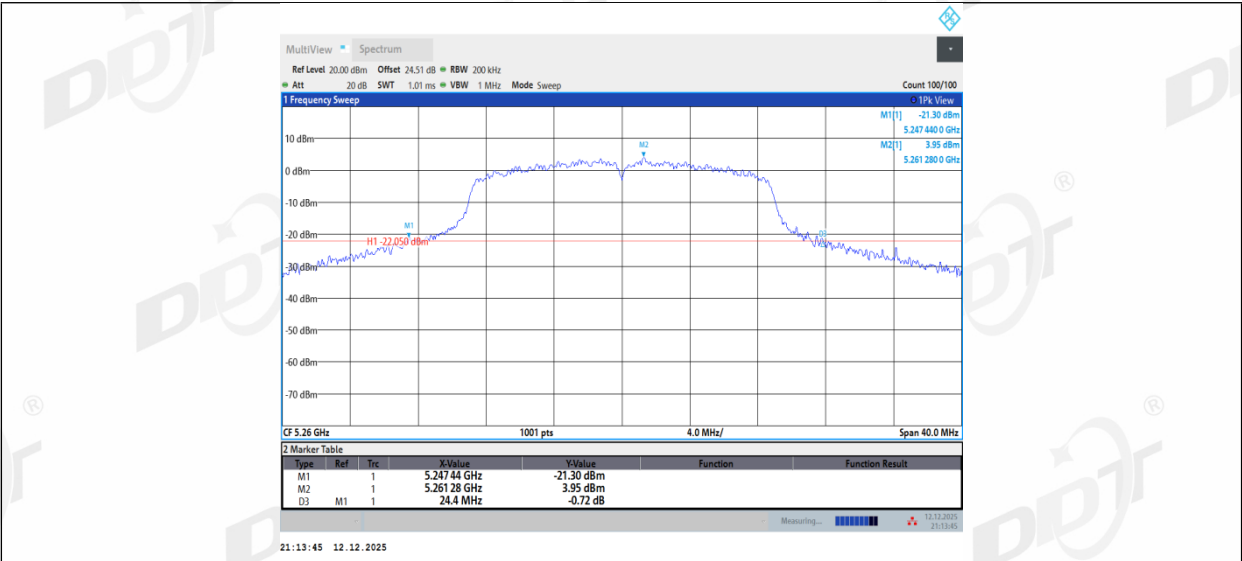
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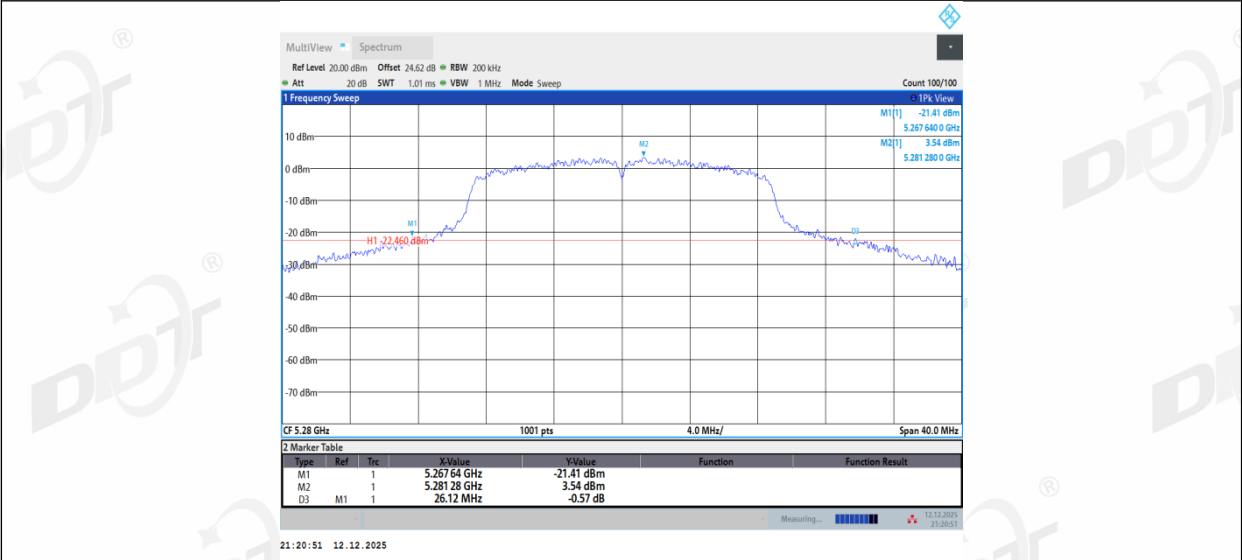
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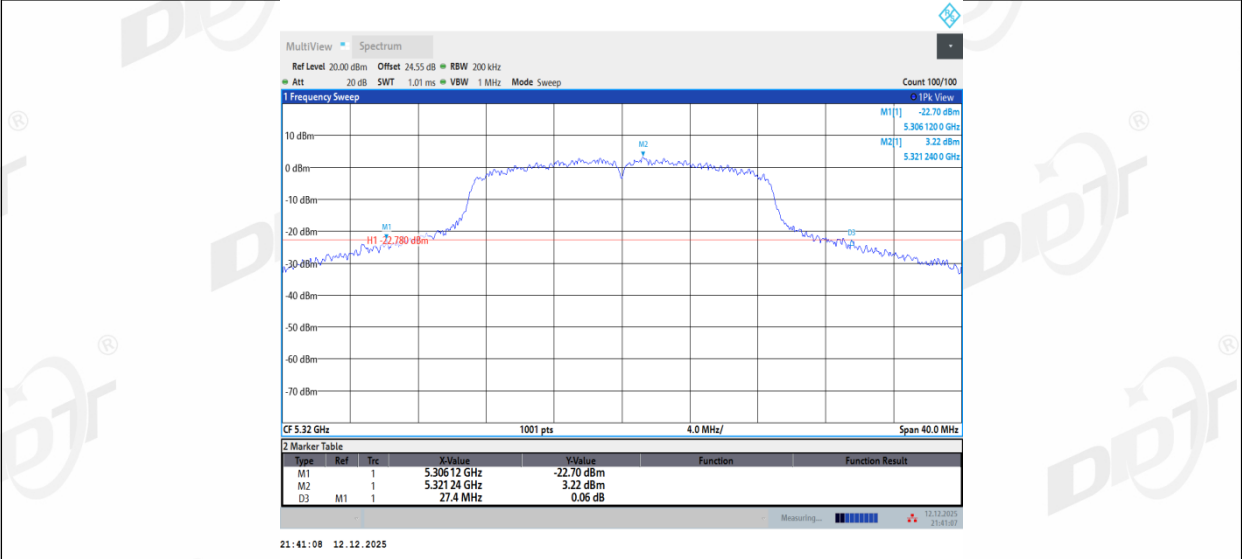
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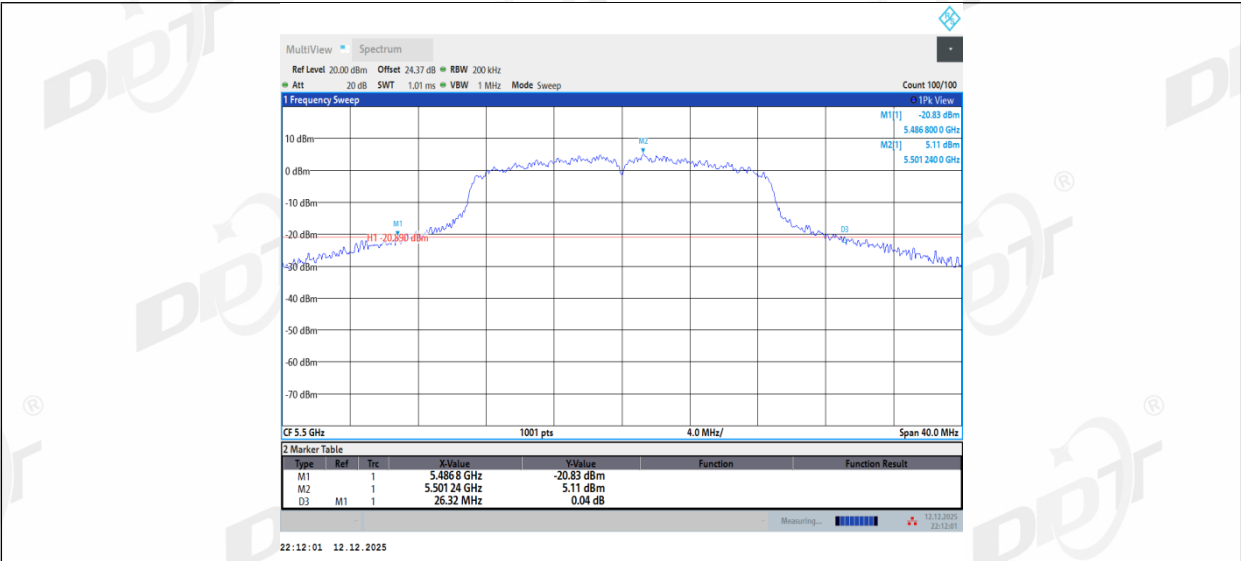
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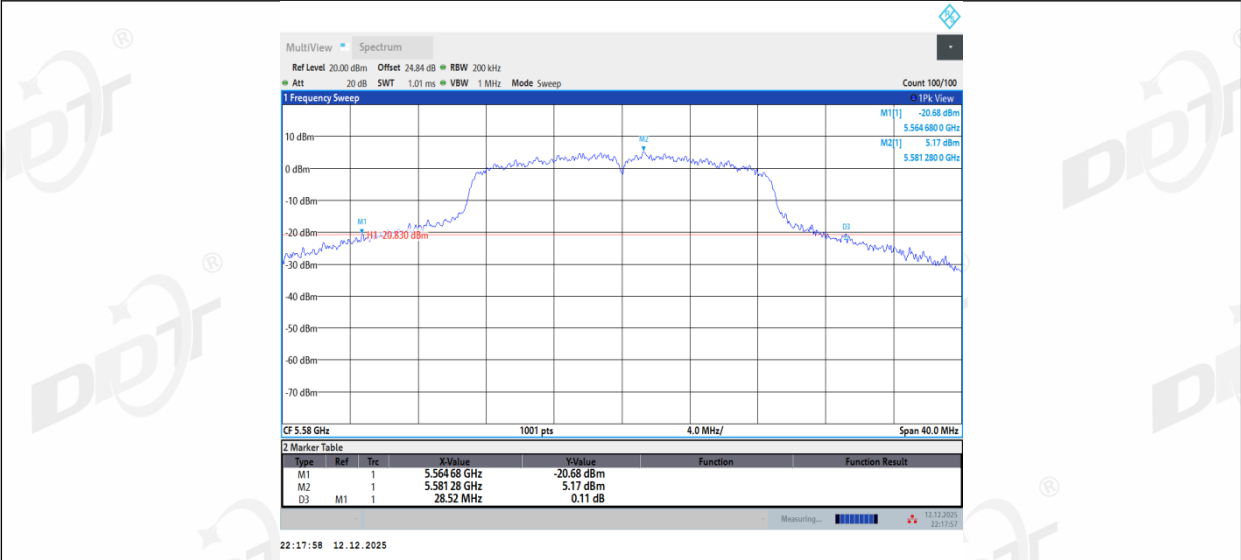
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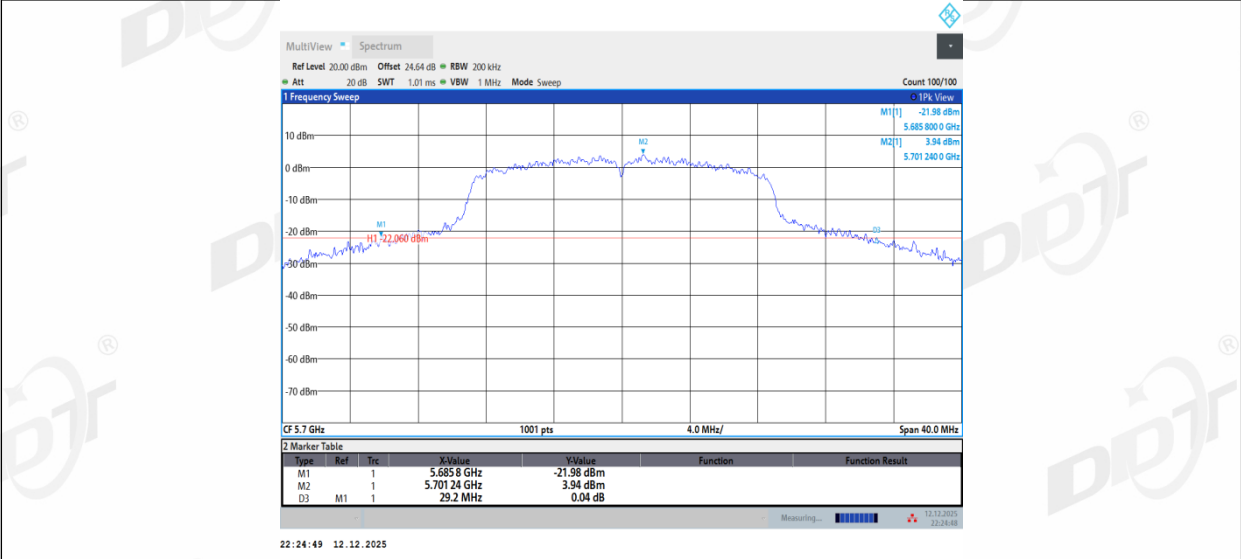
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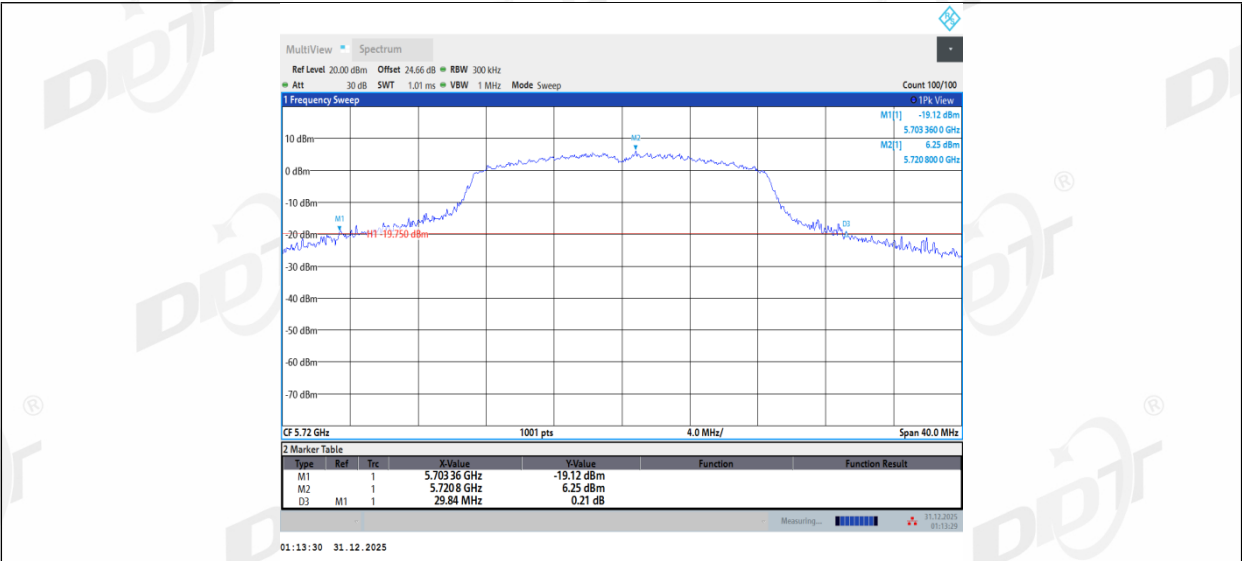
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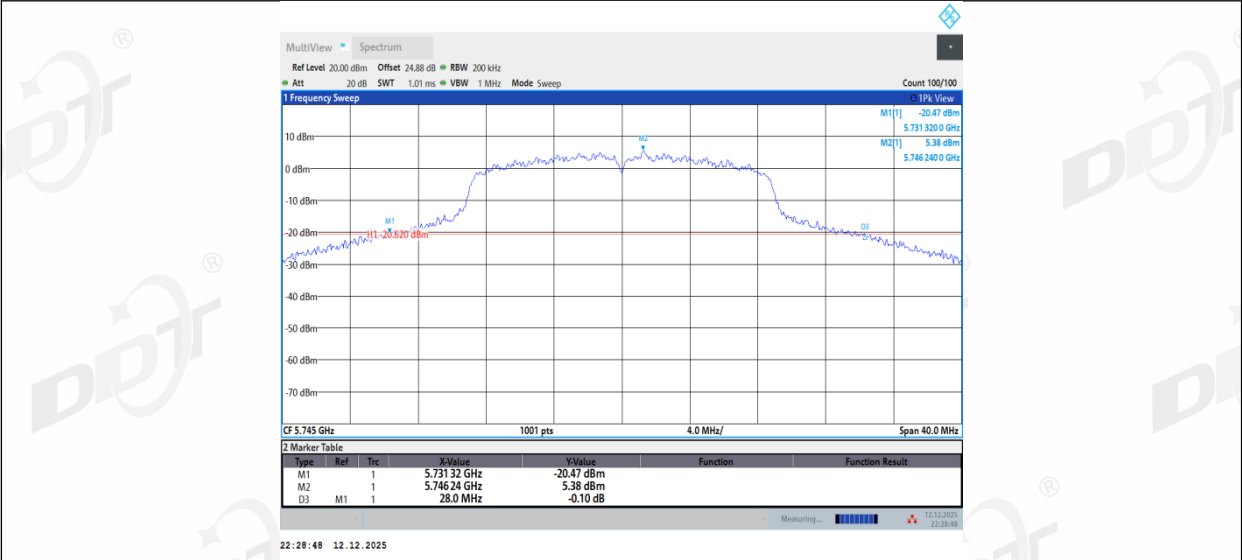
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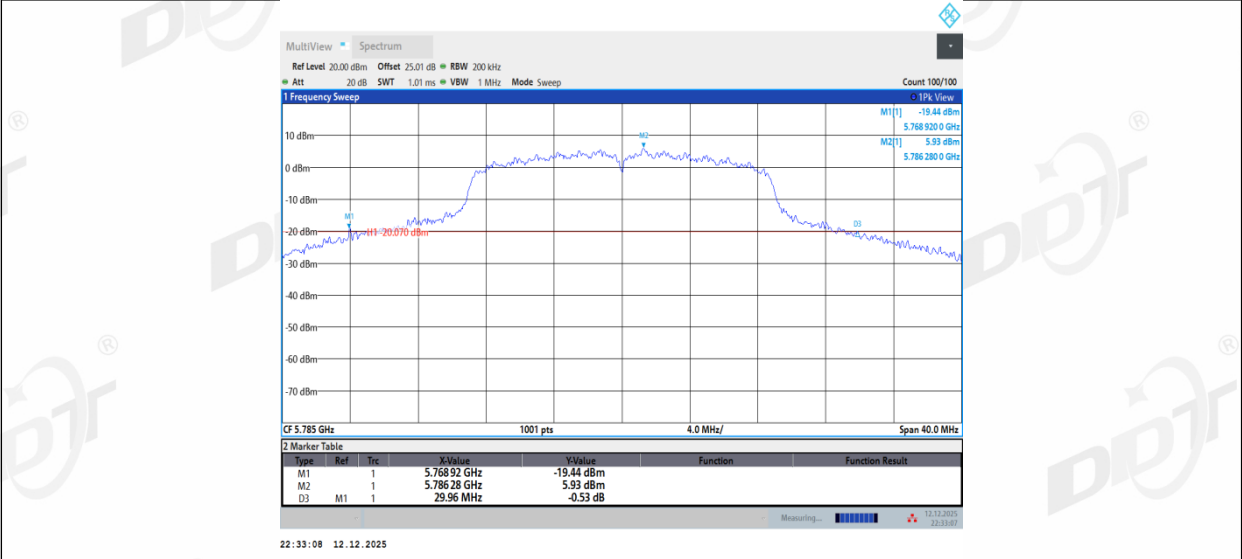
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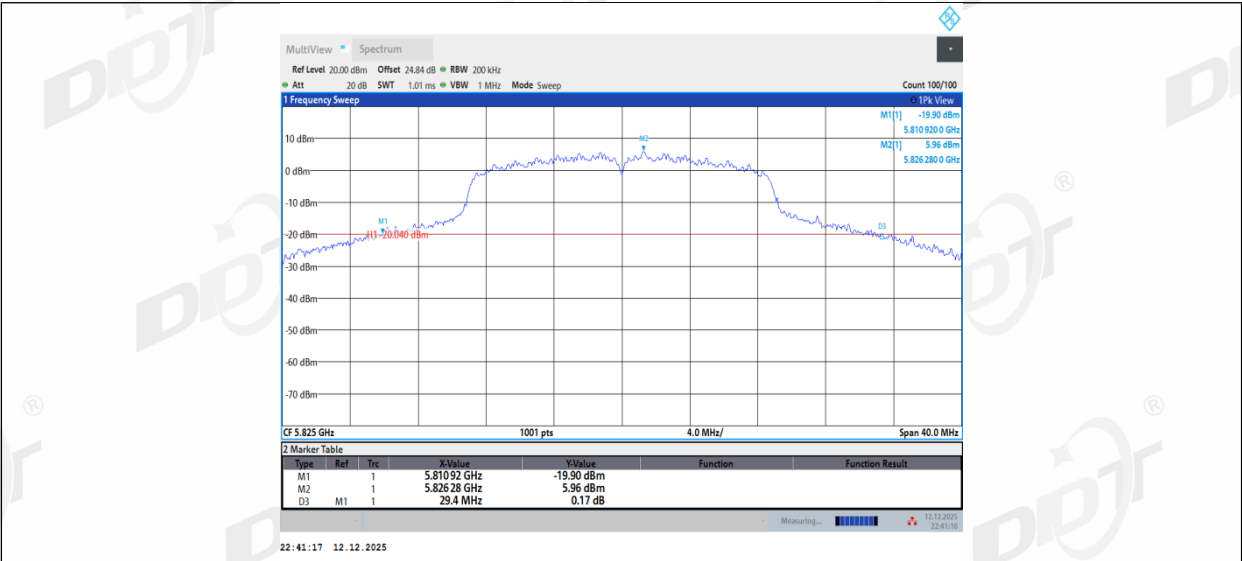
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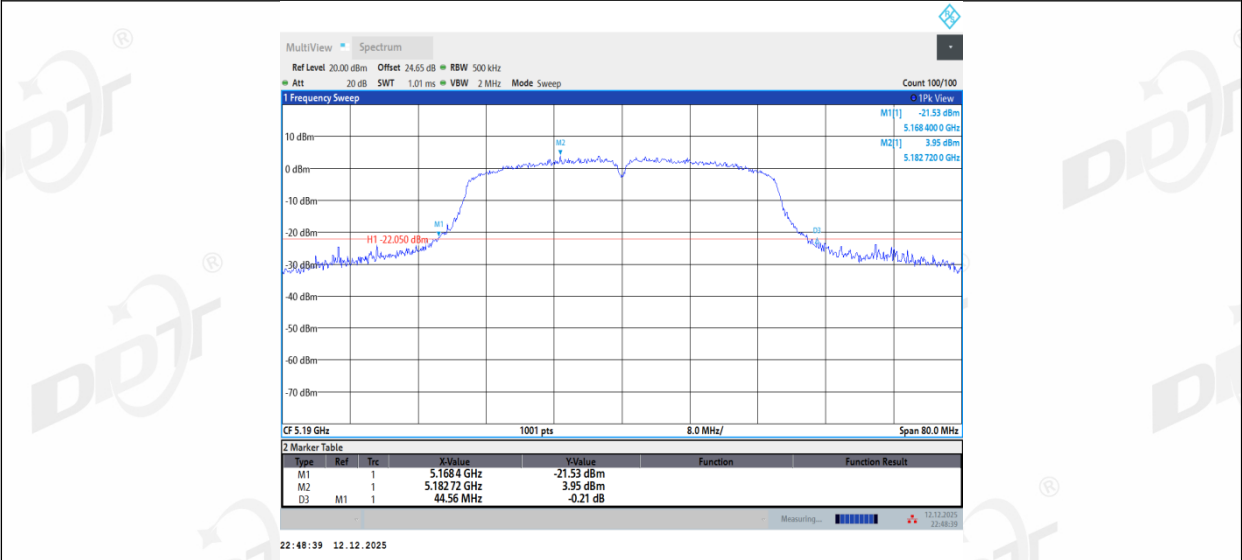
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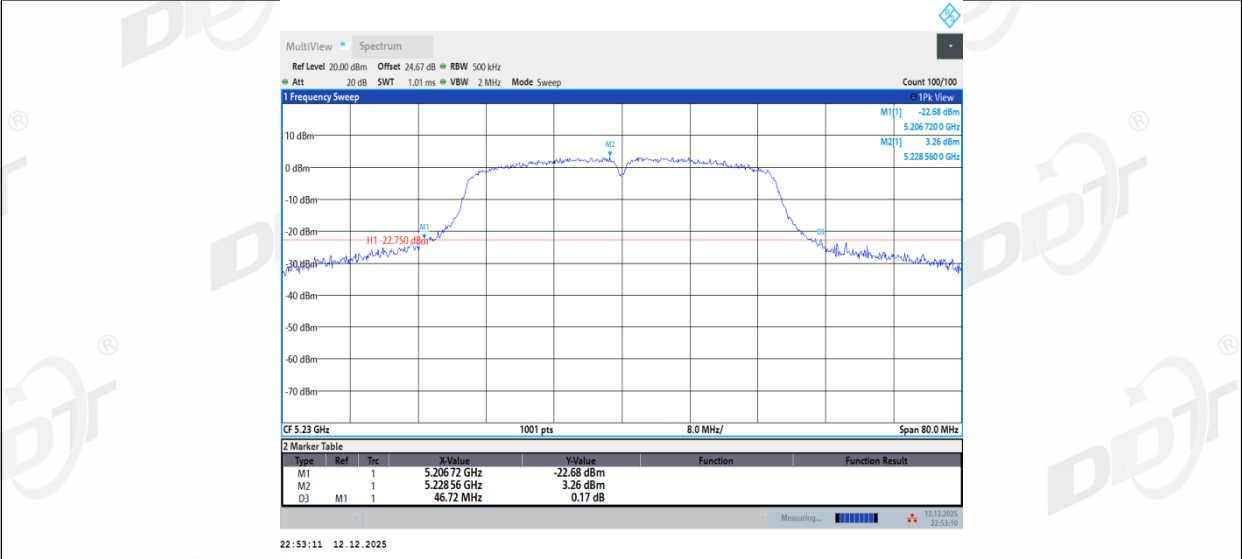
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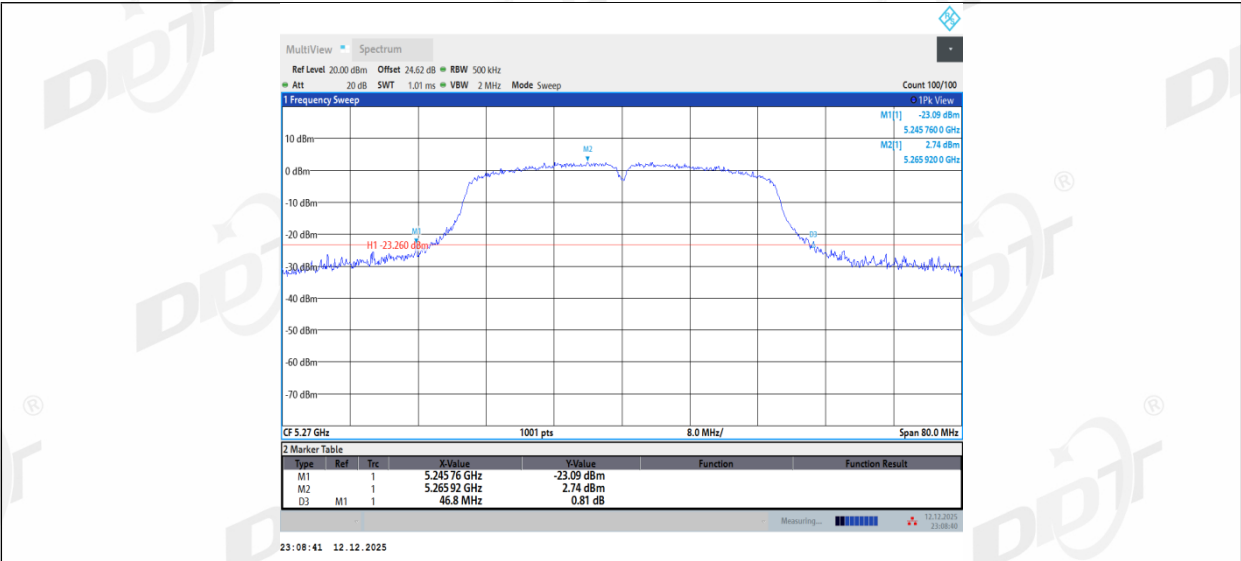
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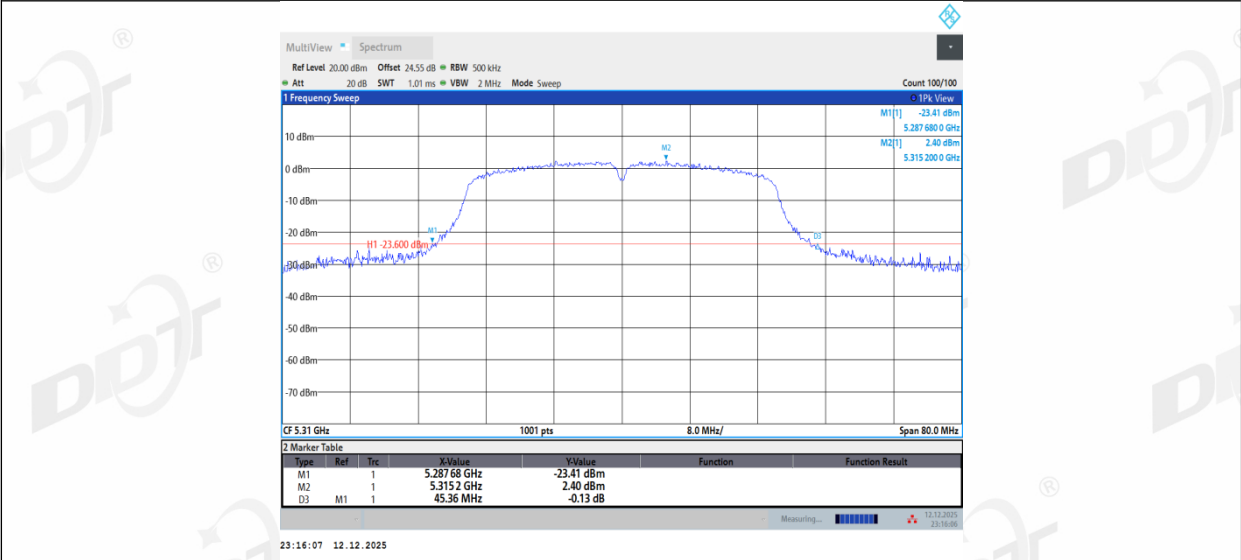
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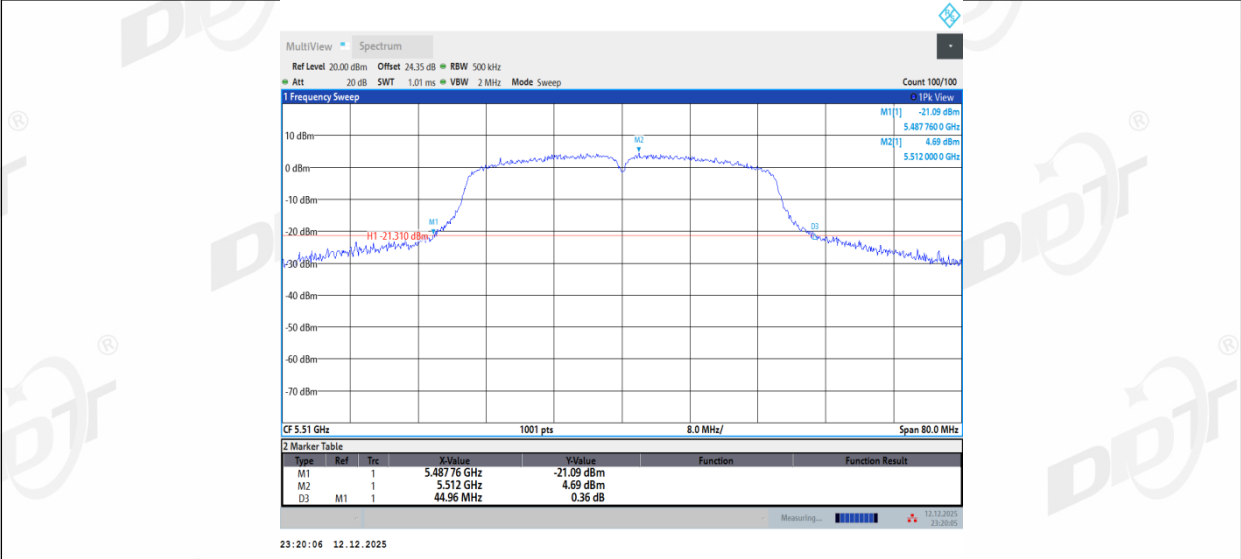
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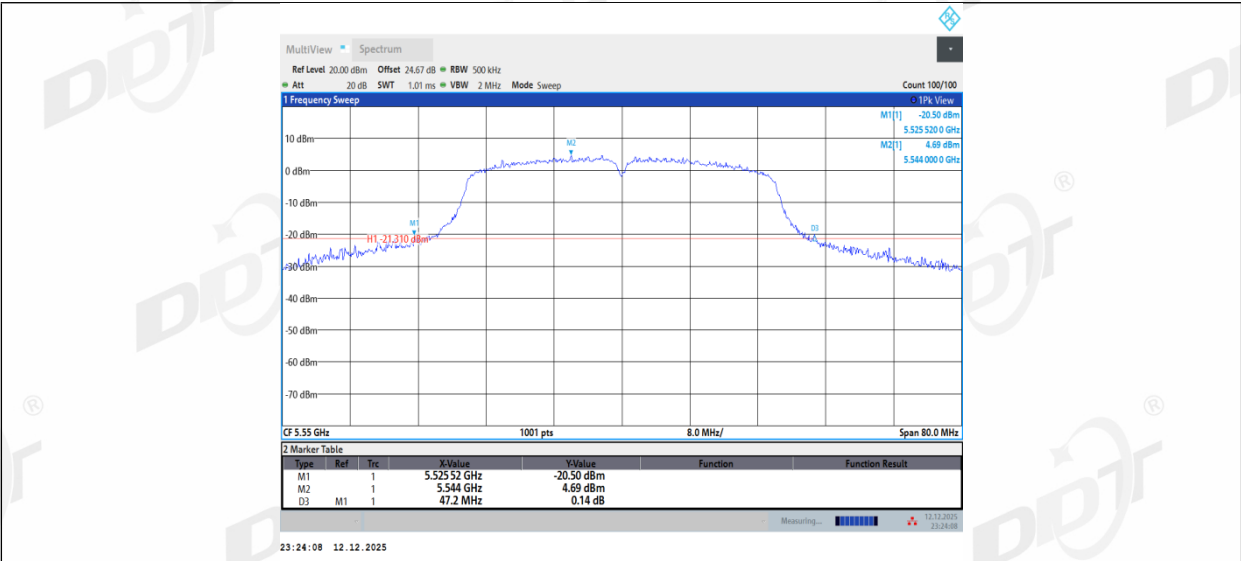
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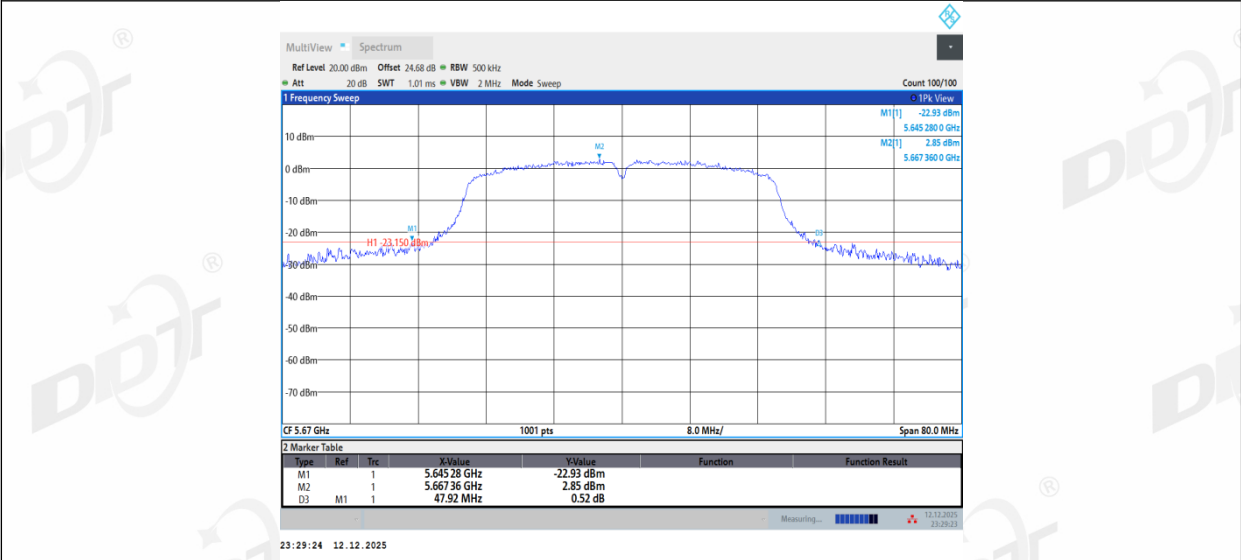
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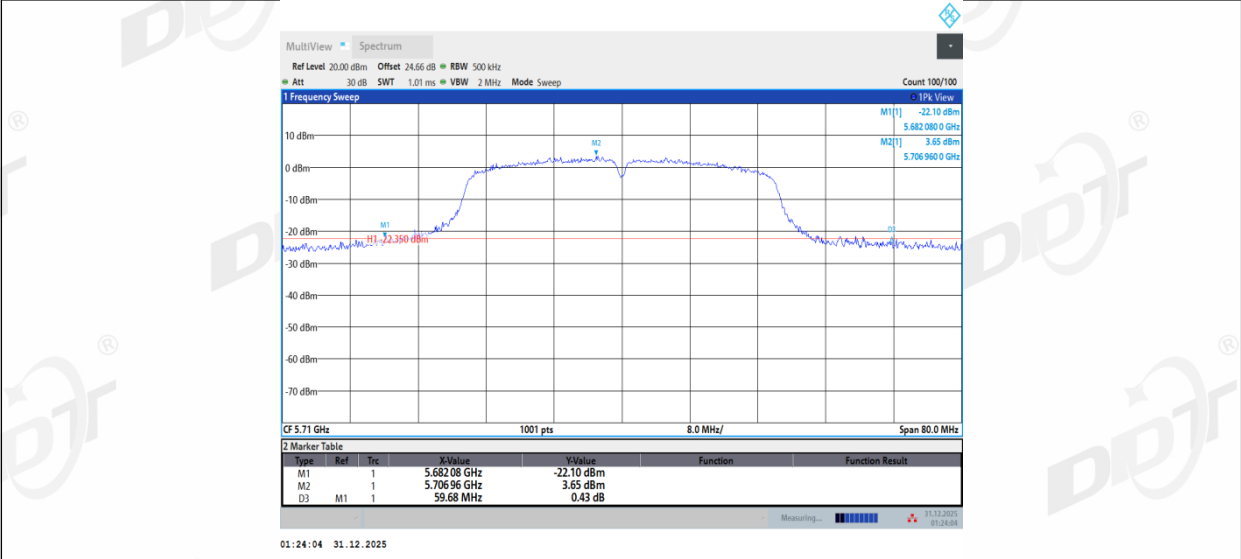
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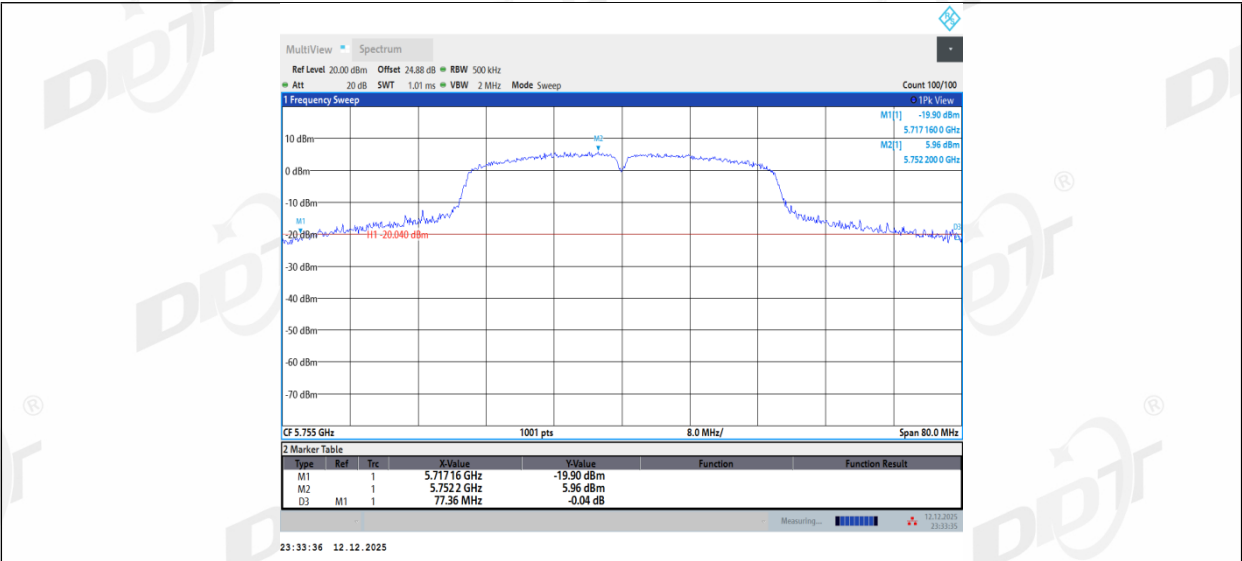
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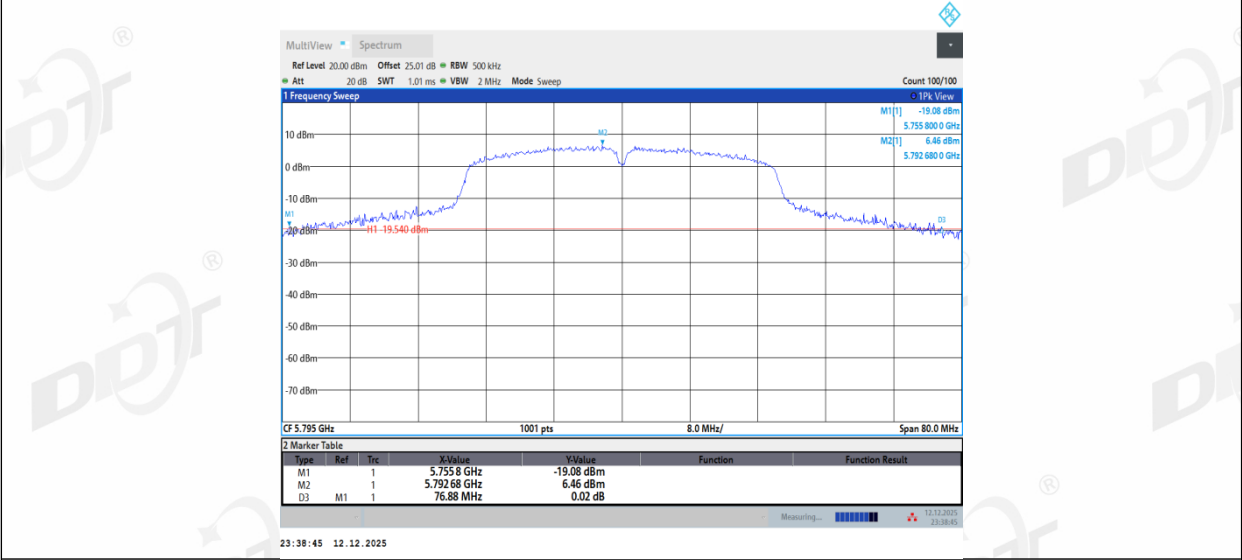
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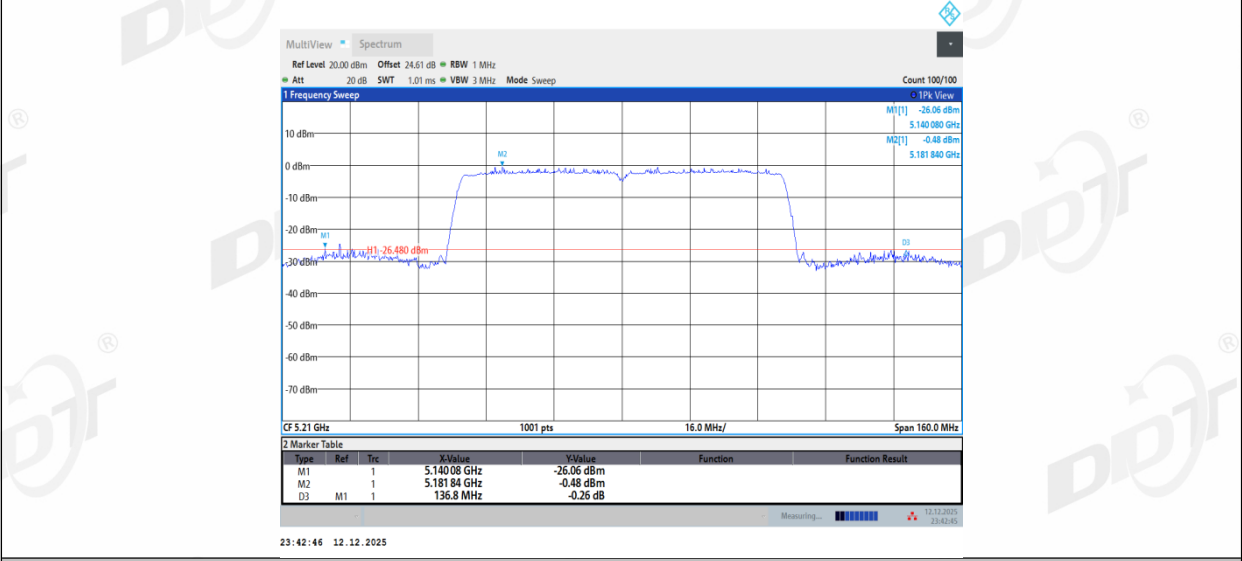
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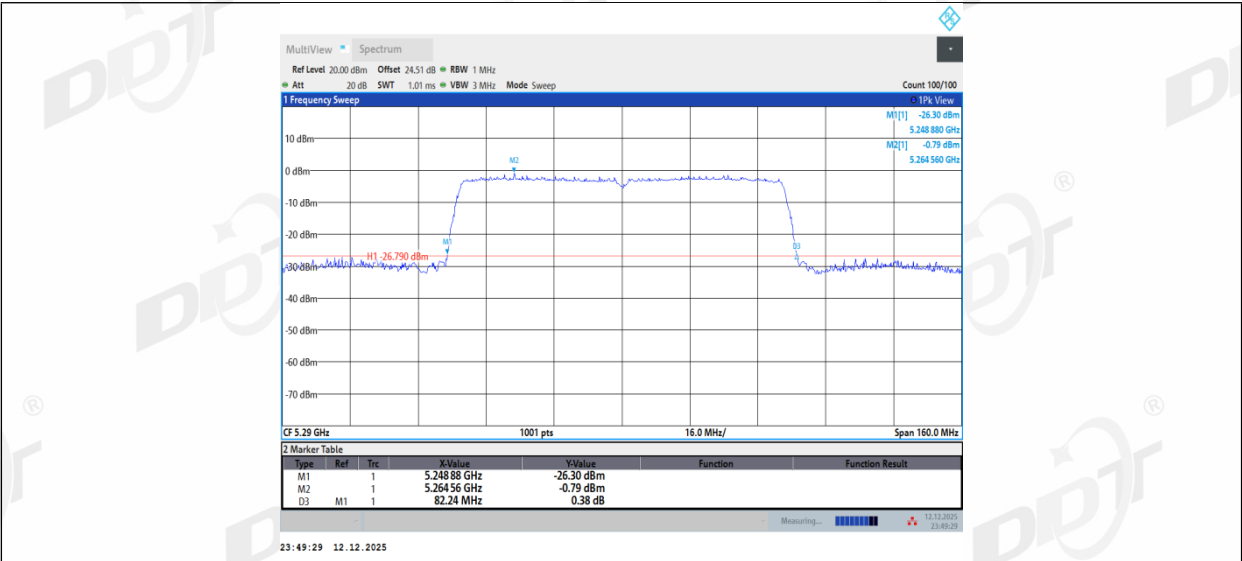
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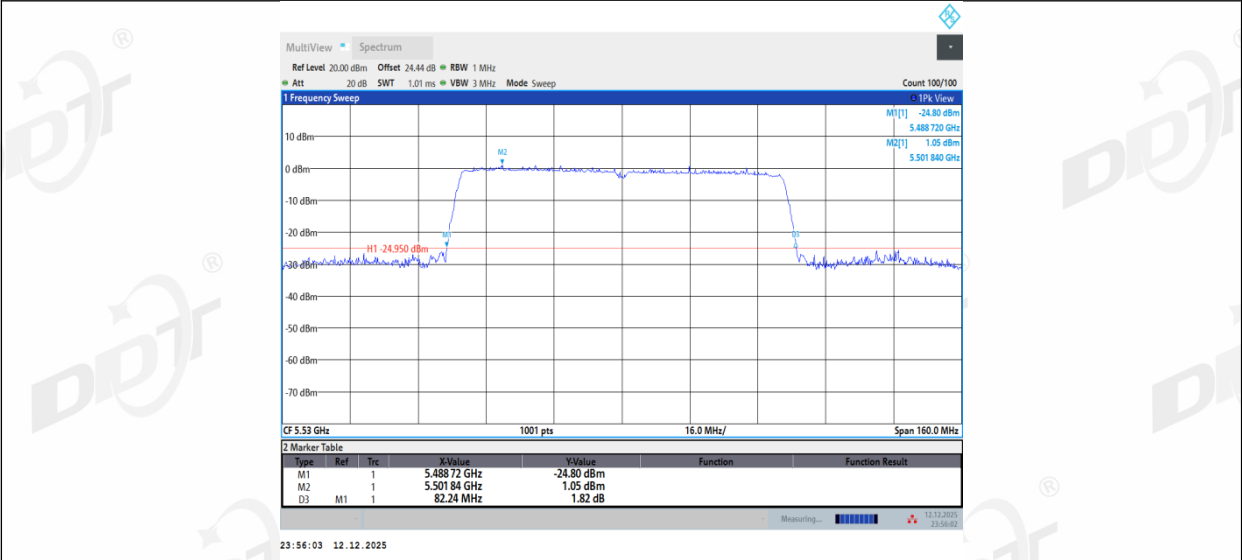
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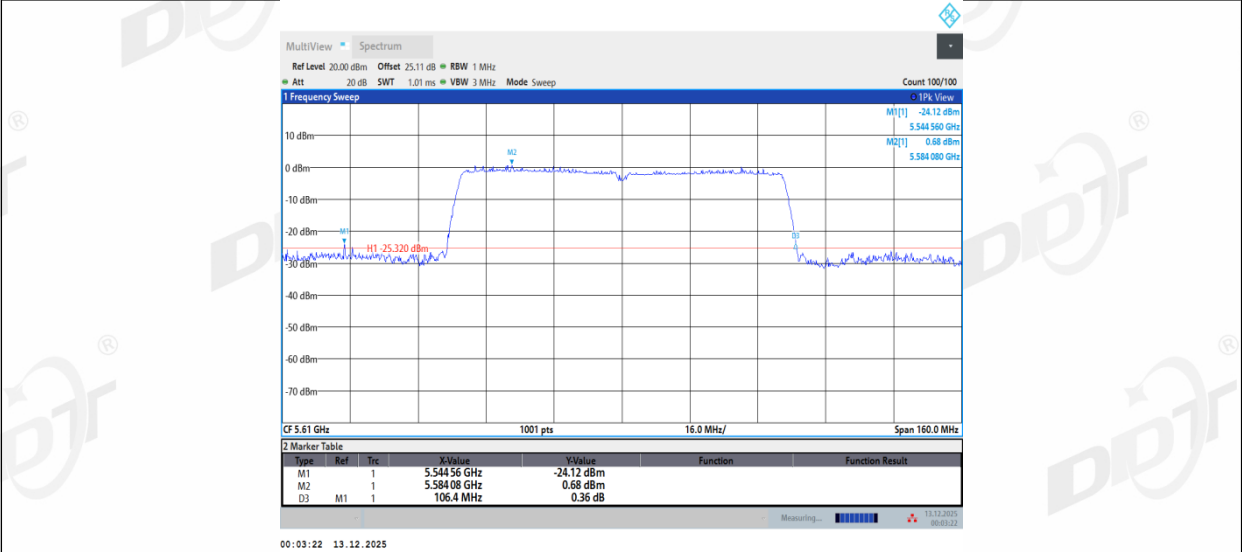
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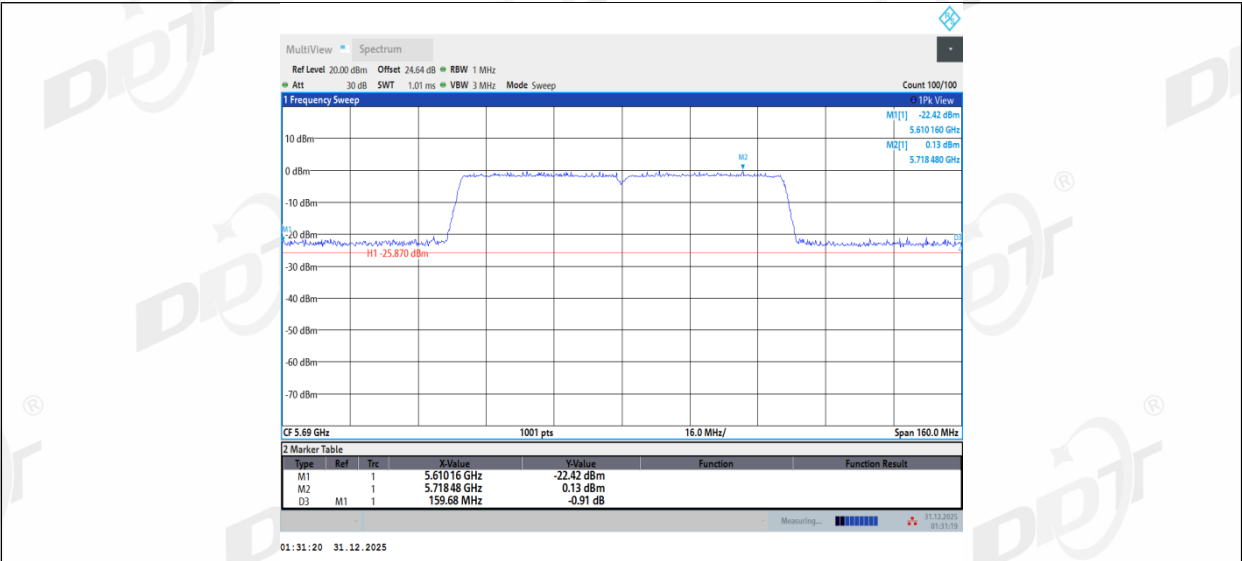
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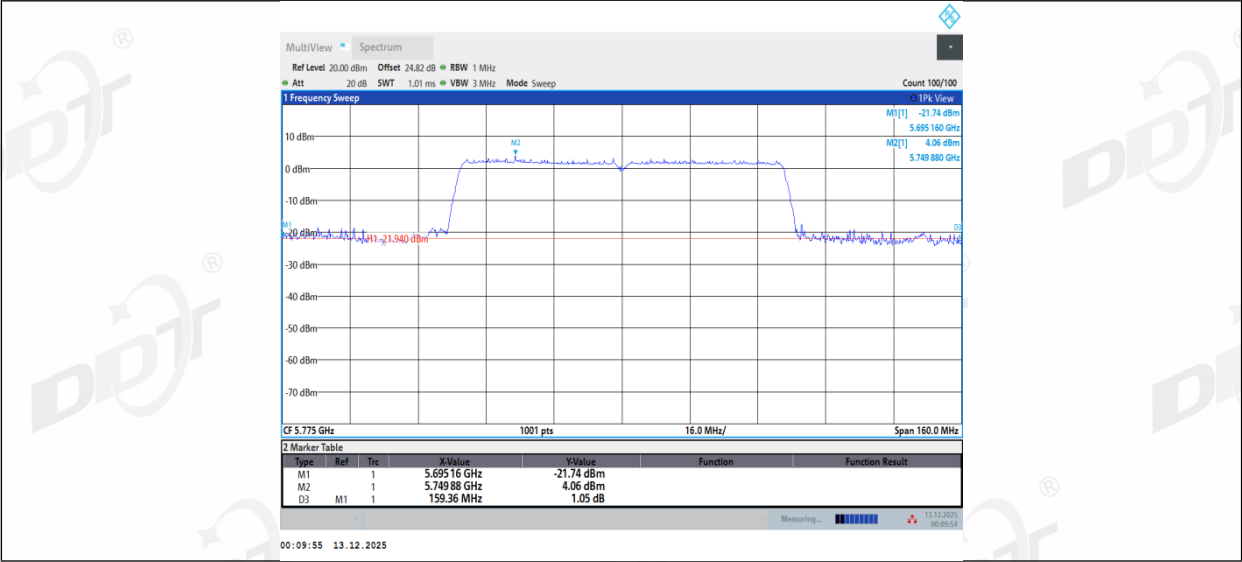
11AC80SISO_Ant1_5610



11AC80SISO_Ant1_5690

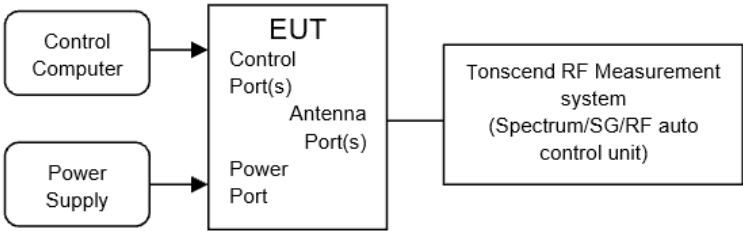


11AC80SISO_Ant1_5775



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

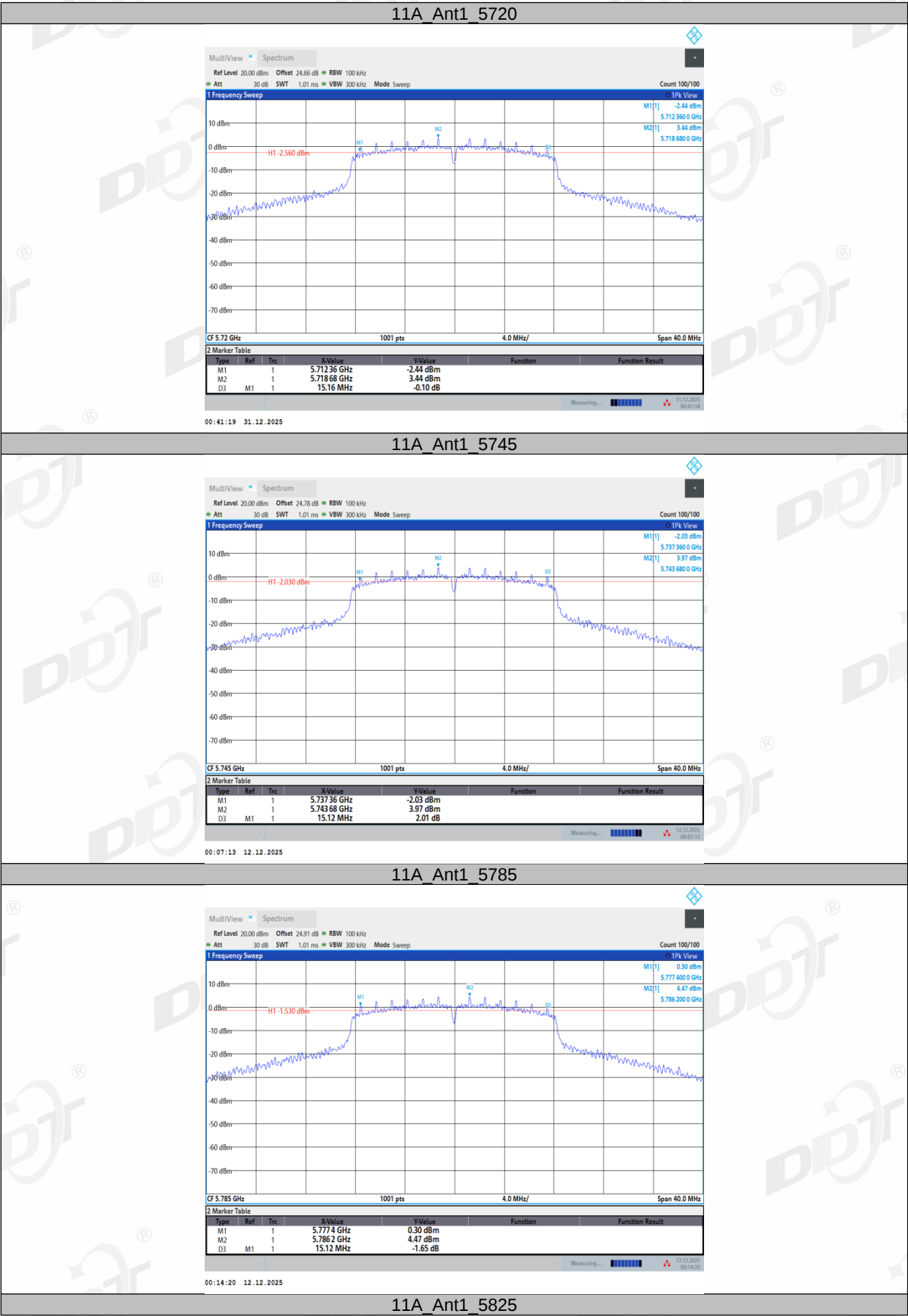
Allow the trace to stabilize, measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

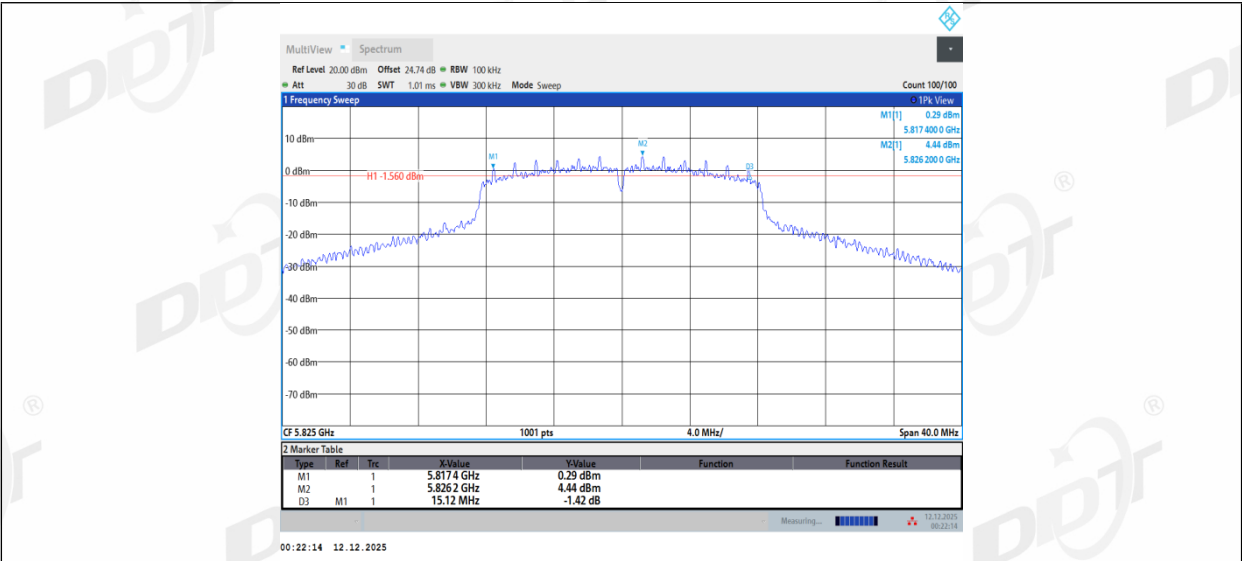
5.4. Test result B4

Test Engineer:	Tyang	Test Site:	RF Measurement System 4#
Ambient Condition:	25.6°C,49.8%RH	Test Date:	2025.12.6-2025.12.31
Test Power Supply:	AC 120V/60Hz	Sample Number:	S25081404-004

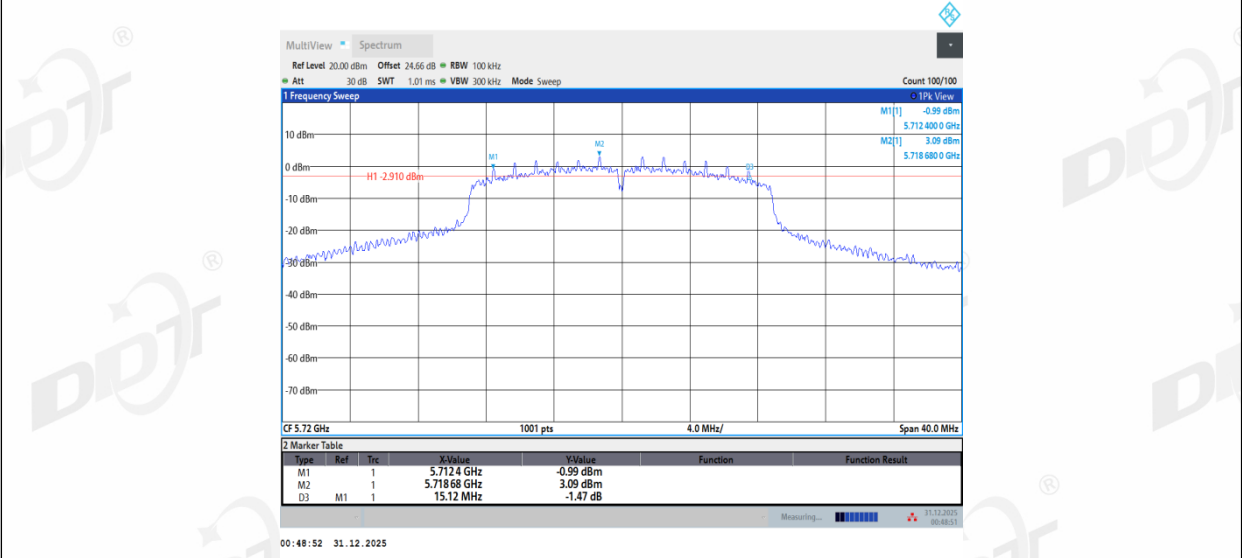
Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5720	15.16	5712.36	5727.52	---	---
		5720 UNII-2C	12.64	5712.36	5725	---	---
		5720 UNII-3	2.52	5725	5727.52	0.5	PASS
		5745	15.12	5737.36	5752.48	0.5	PASS
		5785	15.12	5777.40	5792.52	0.5	PASS
		5825	15.12	5817.40	5832.52	0.5	PASS
11N20SISO	Ant1	5720	15.12	5712.40	5727.52	---	---
		5720 UNII-2C	12.6	5712.40	5725	---	---
		5720 UNII-3	2.52	5725	5727.52	0.5	PASS
		5745	15.12	5737.40	5752.52	0.5	PASS
		5785	15.12	5777.40	5792.52	0.5	PASS
		5825	15.12	5817.40	5832.52	0.5	PASS
11N40SISO	Ant1	5710	35.12	5692.40	5727.52	---	---
		5710 UNII-2C	32.6	5692.40	5725	---	---
		5710 UNII-3	2.52	5725	5727.52	0.5	PASS
		5755	35.04	5737.48	5772.52	0.5	PASS
		5795	35.04	5777.48	5812.52	0.5	PASS
11AC20SISO	Ant1	5720	15.12	5712.36	5727.48	---	---
		5720 UNII-2C	12.64	5712.36	5725	---	---
		5720 UNII-3	2.48	5725	5727.48	0.5	PASS
		5745	15.08	5737.40	5752.48	0.5	PASS
		5785	15.12	5777.40	5792.52	0.5	PASS
		5825	15.12	5817.40	5832.52	0.5	PASS
11AC40SISO	Ant1	5710	35.12	5692.40	5727.52	---	---
		5710 UNII-2C	32.6	5692.40	5725	---	---
		5710 UNII-3	2.52	5725	5727.52	0.5	PASS
		5755	35.12	5737.40	5772.52	0.5	PASS
		5795	35.04	5777.48	5812.52	0.5	PASS
11AC80SISO	Ant1	5690	76.48	5651.76	5728.24	---	---
		5690 UNII-2C	73.24	5651.76	5725	---	---
		5690 UNII-3	3.24	5725	5728.24	0.5	PASS
		5775	76.48	5736.76	5813.24	0.5	PASS

5.5. Test graphs B4

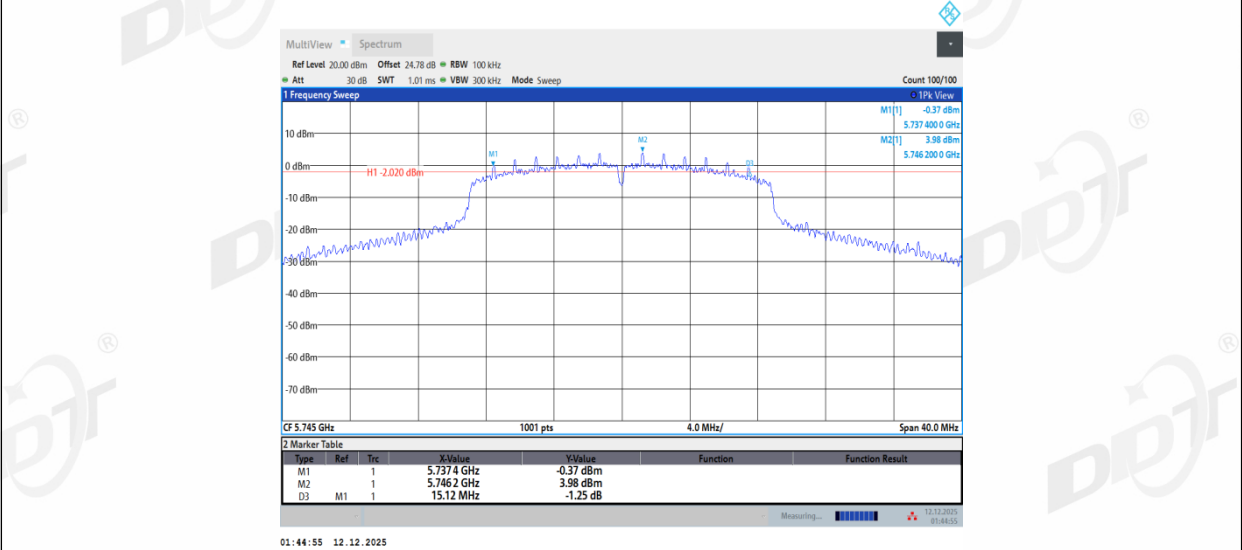




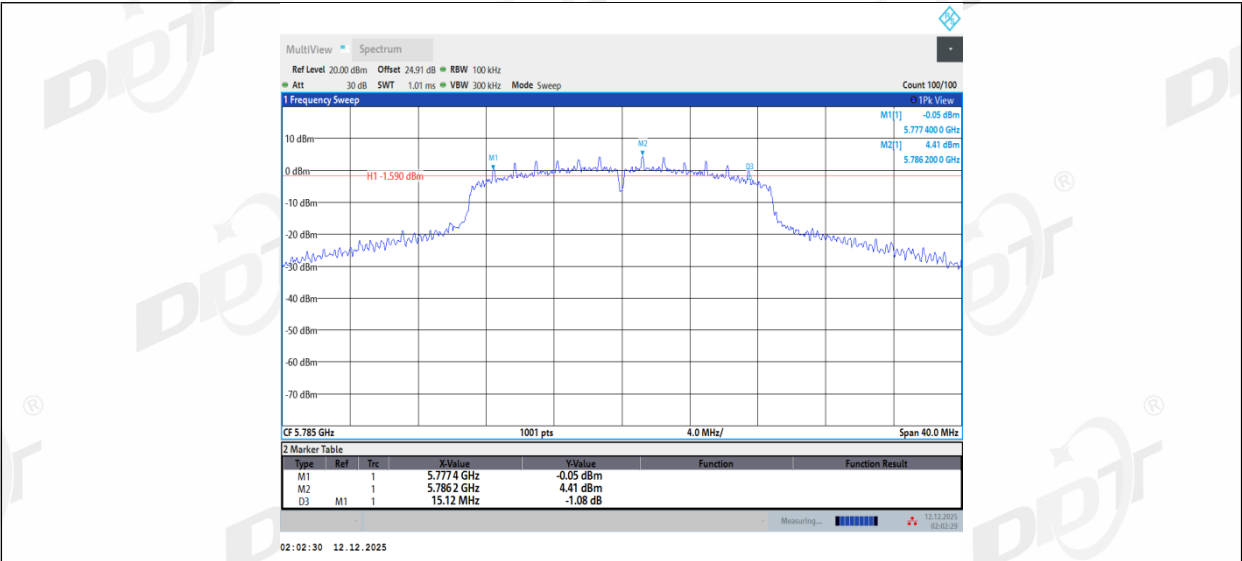
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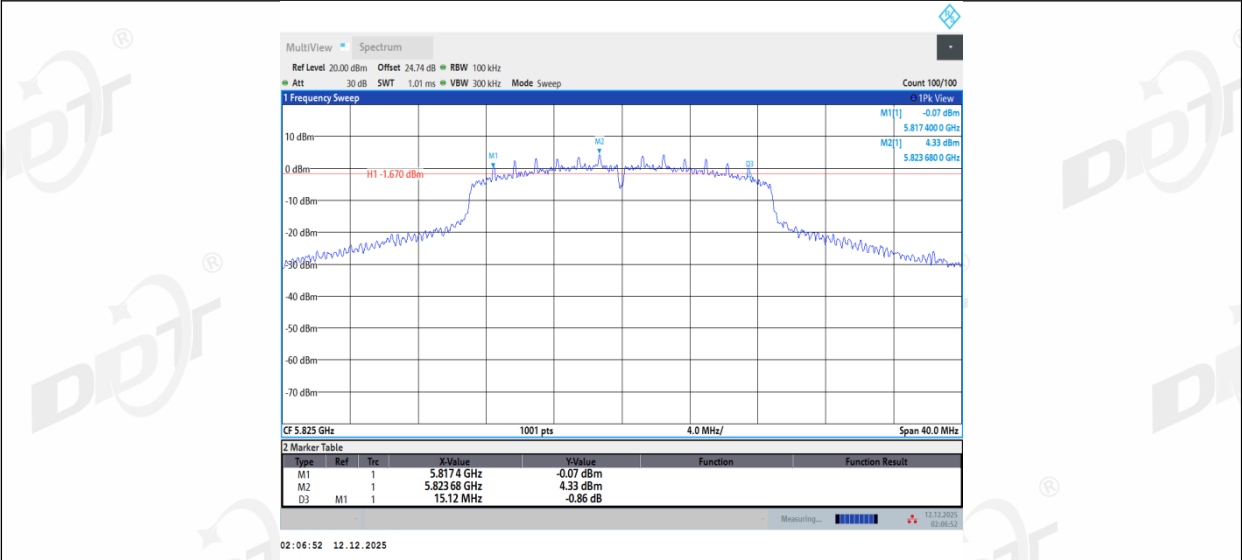
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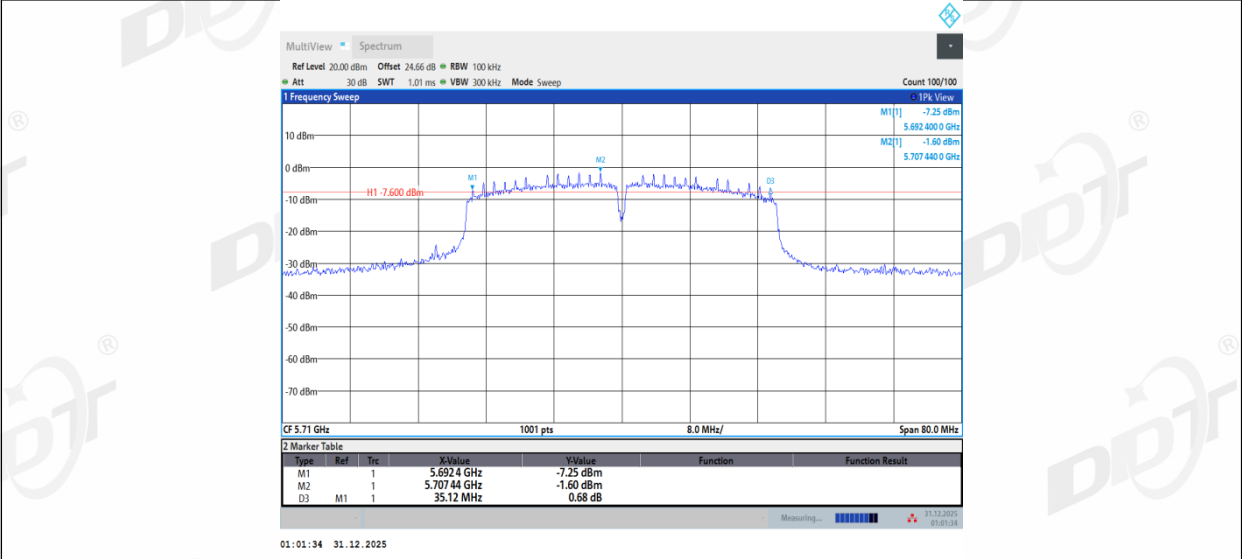
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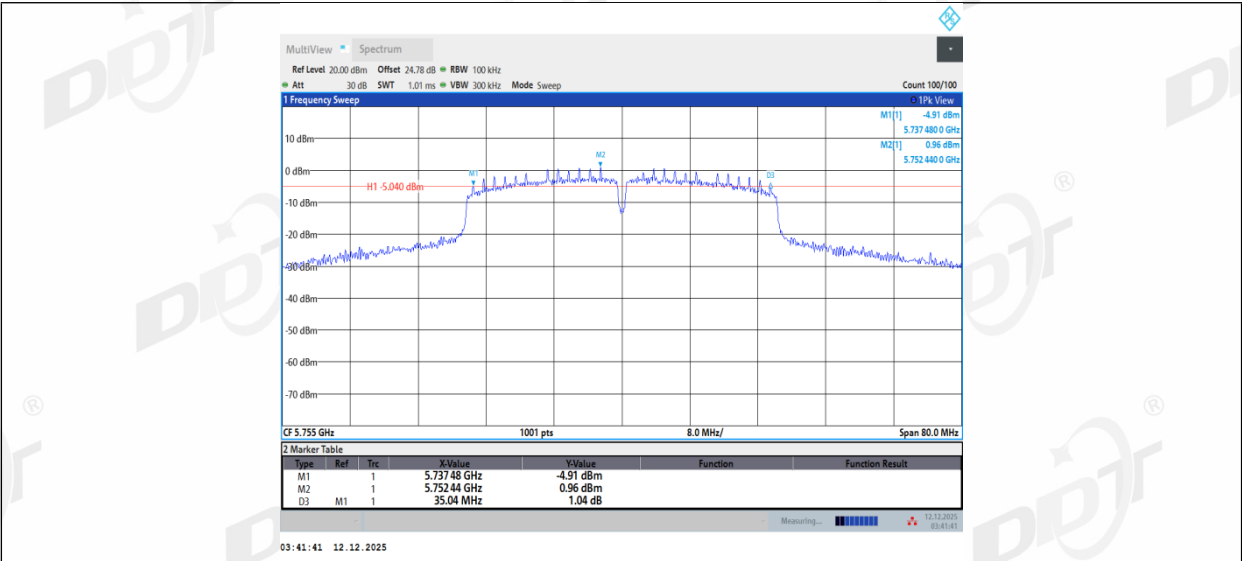
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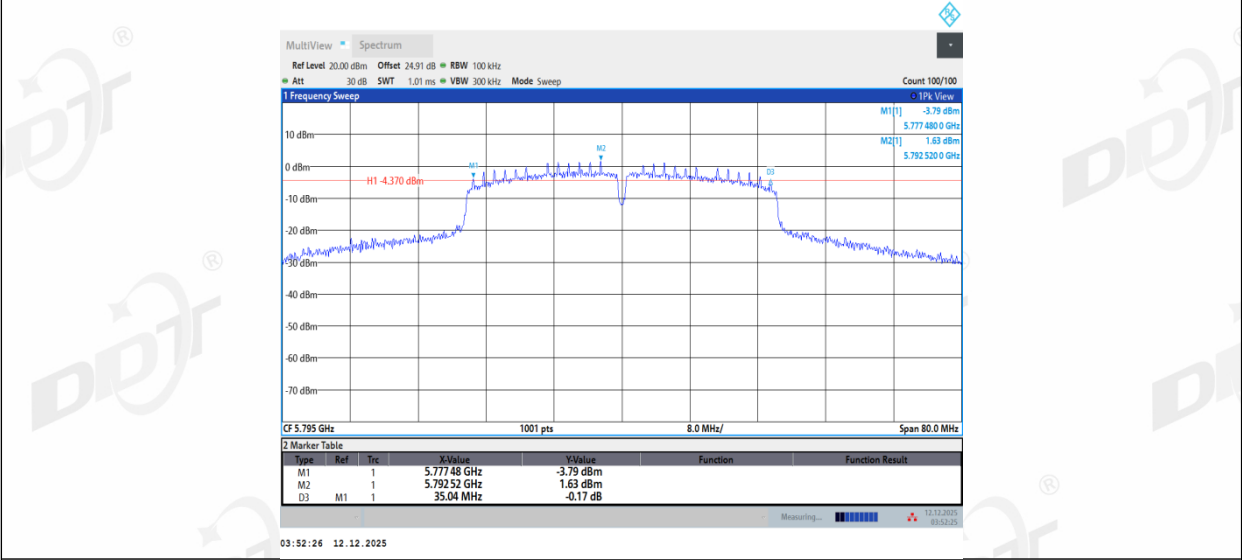
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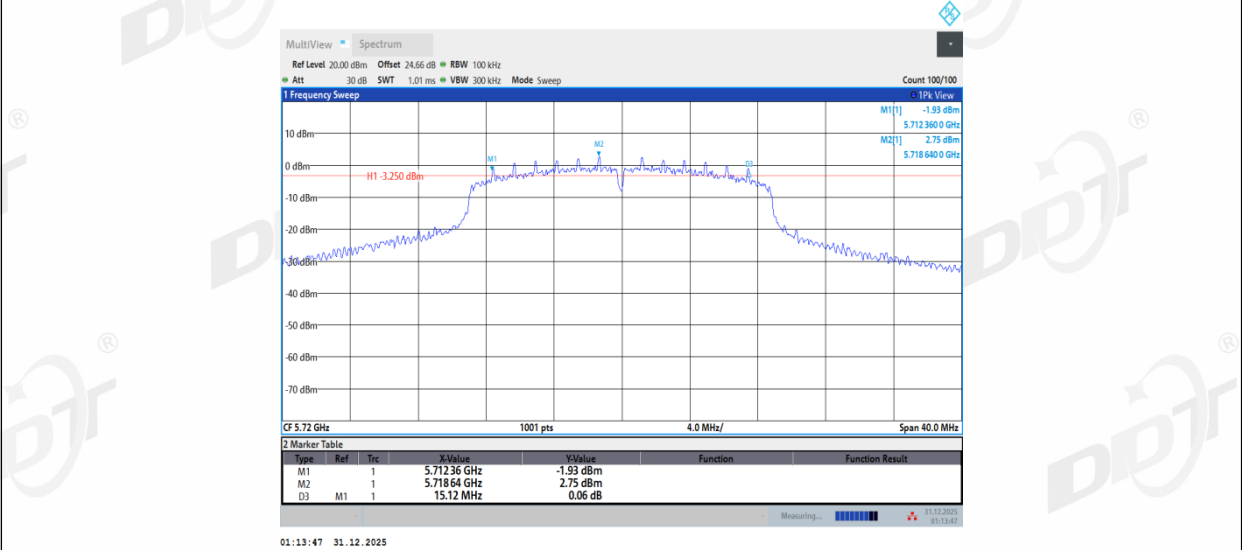
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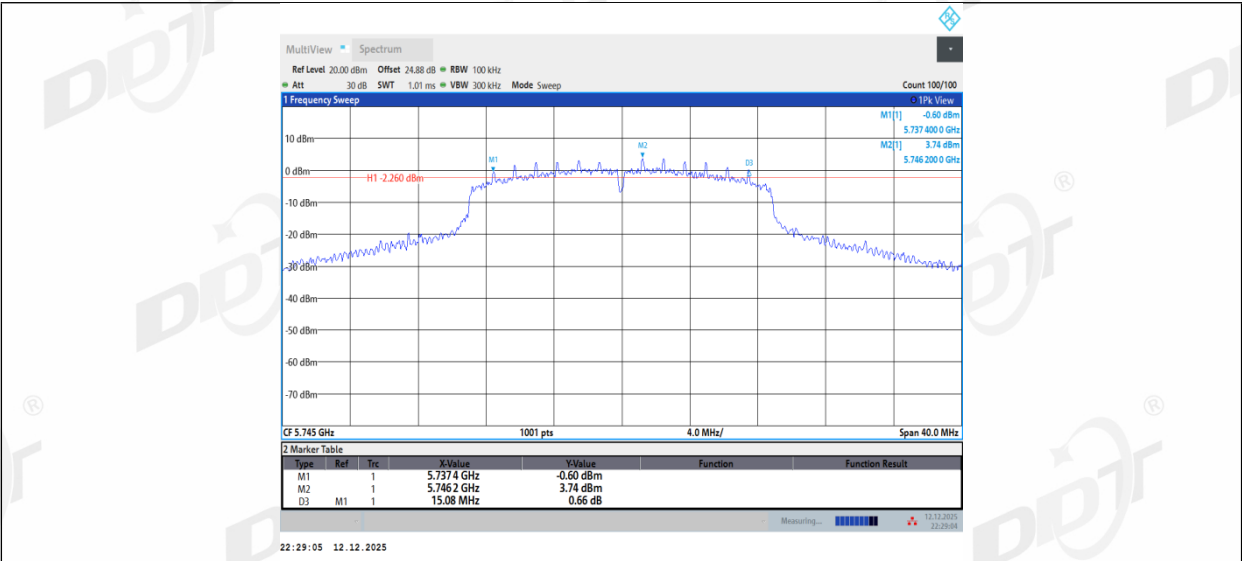
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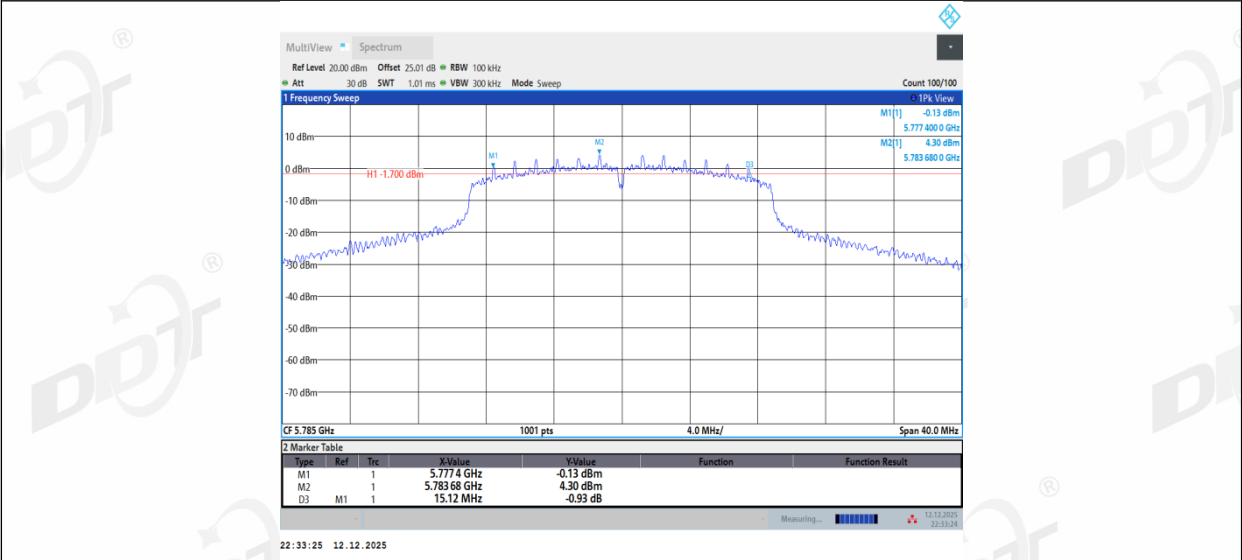
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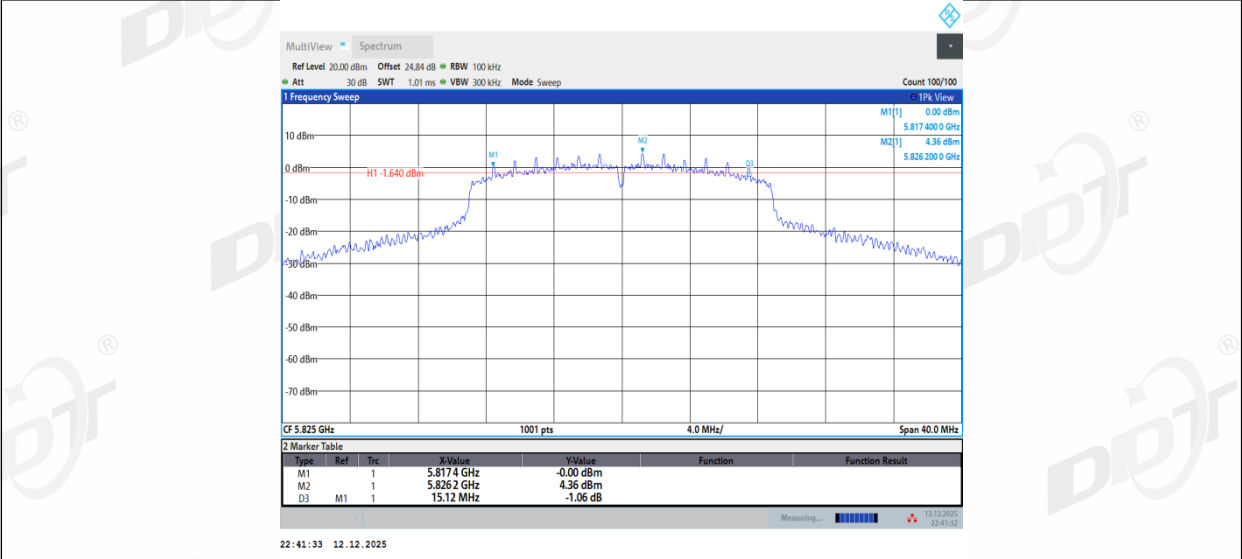
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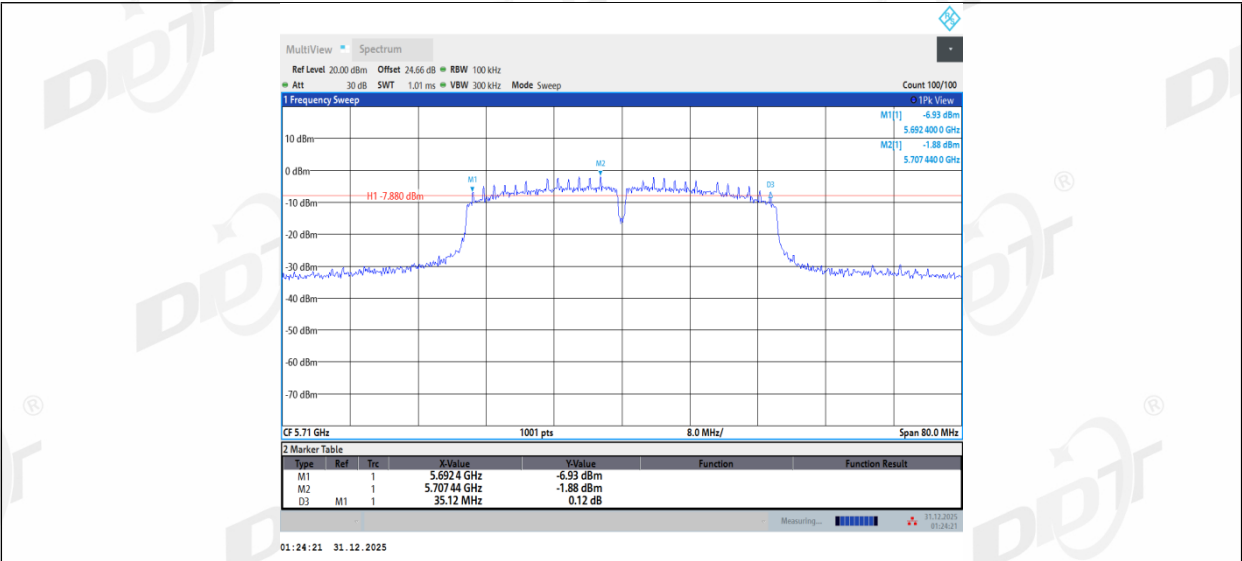
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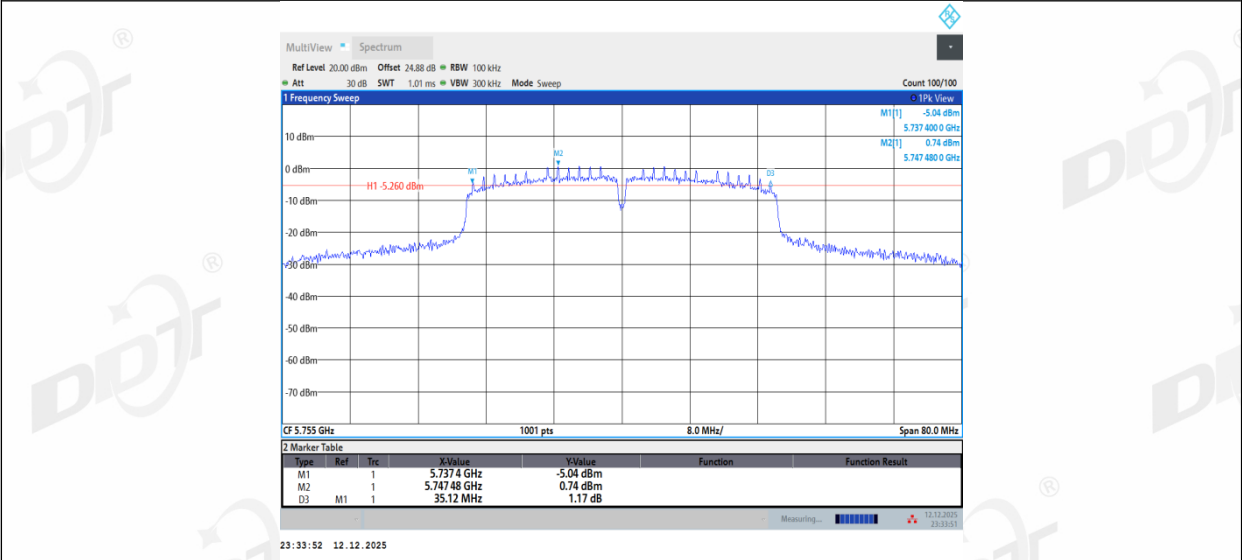
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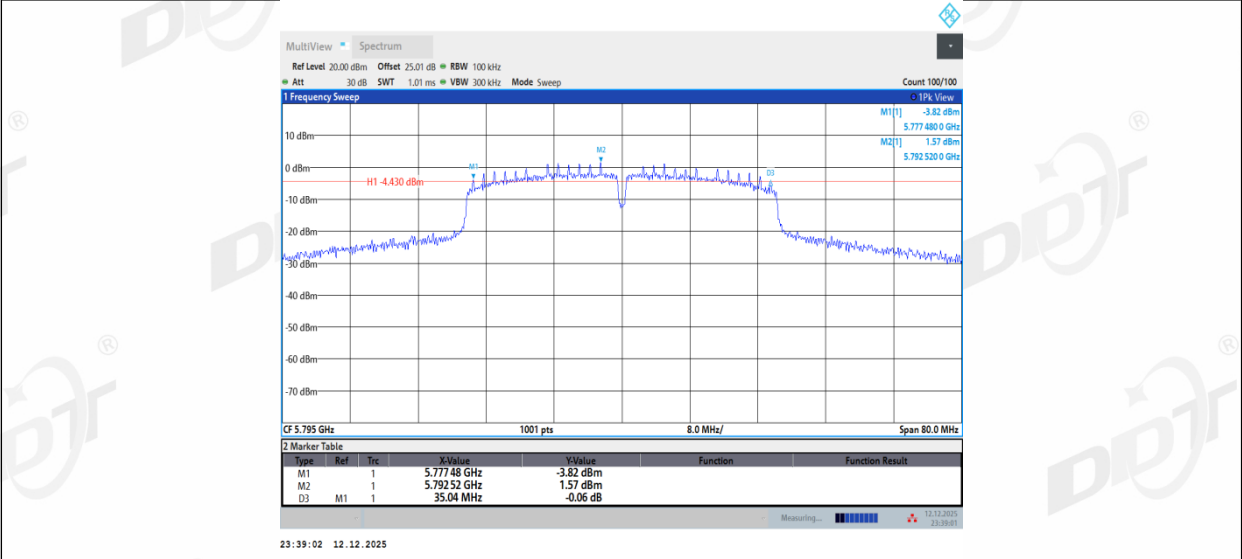
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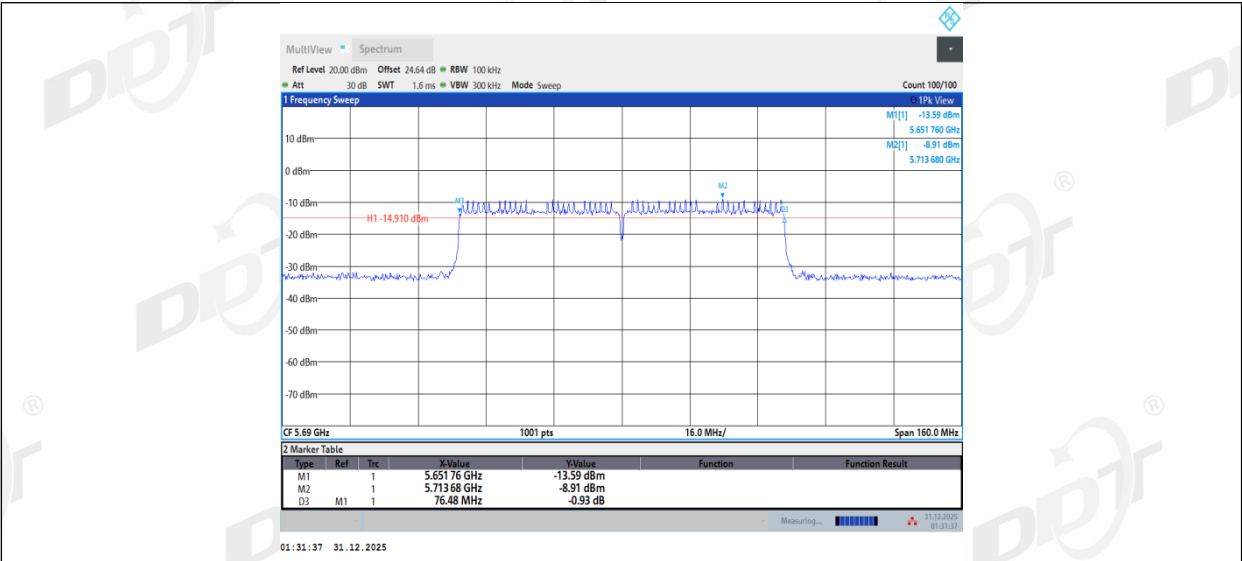
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5690



11AC80SISO_Ant1_5775

