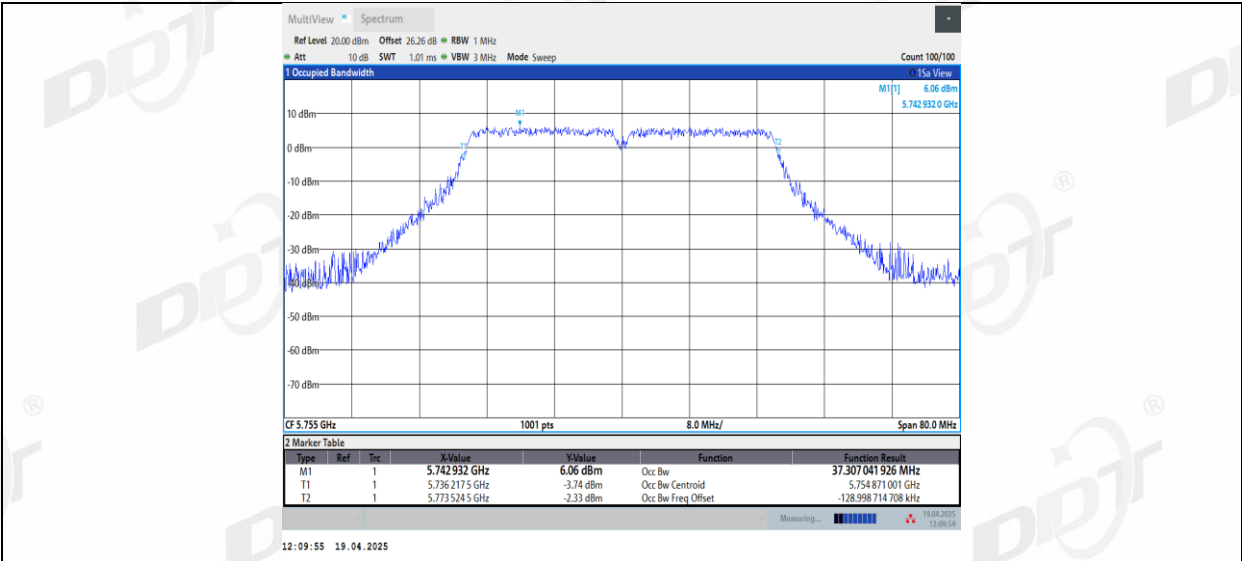
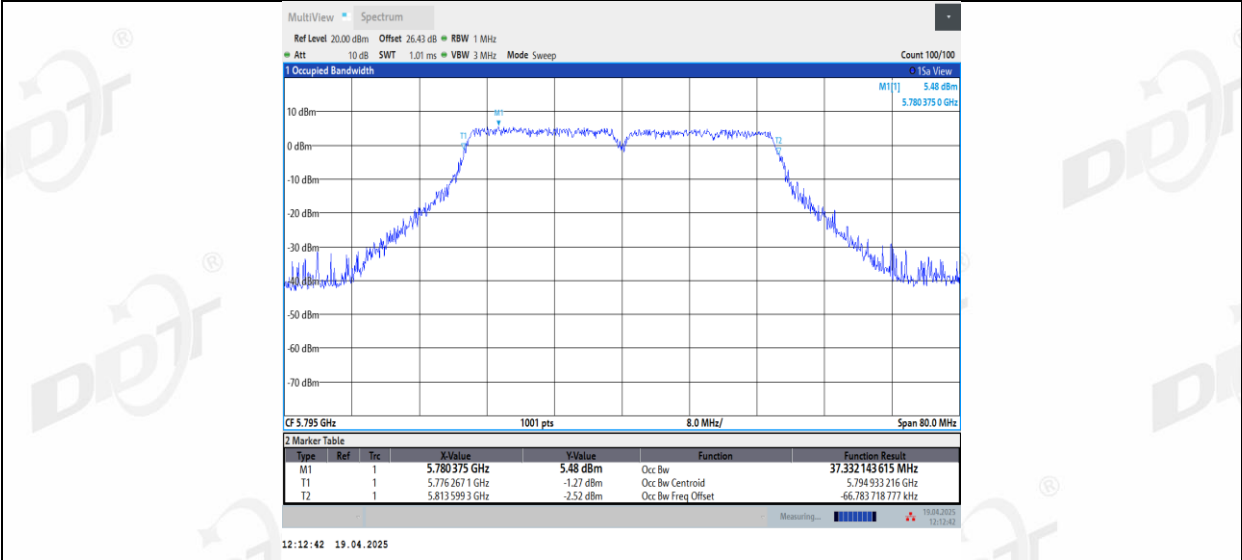
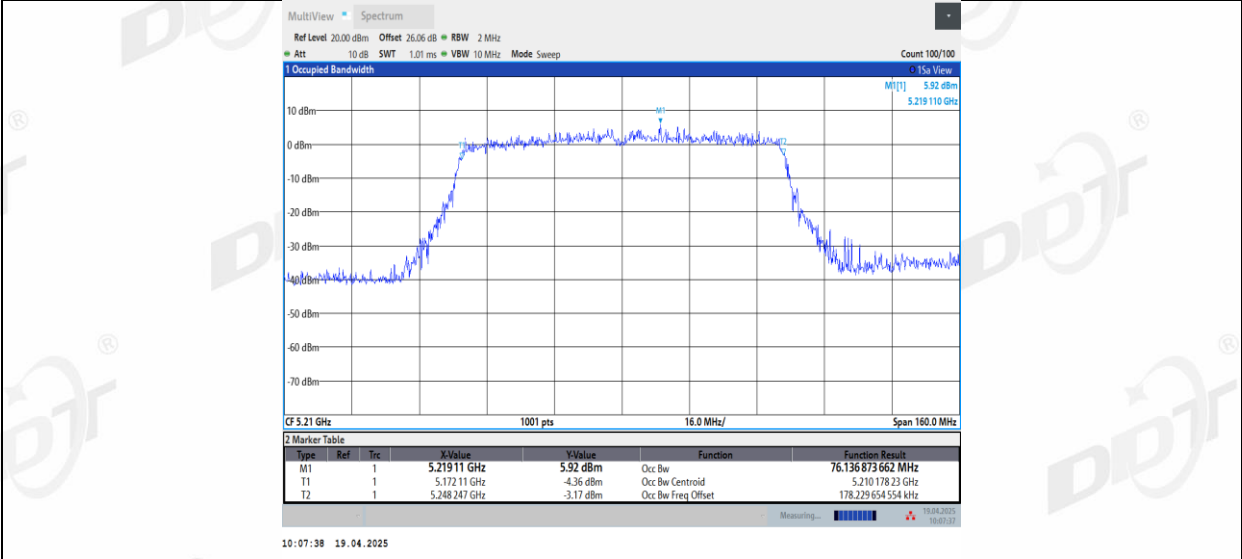




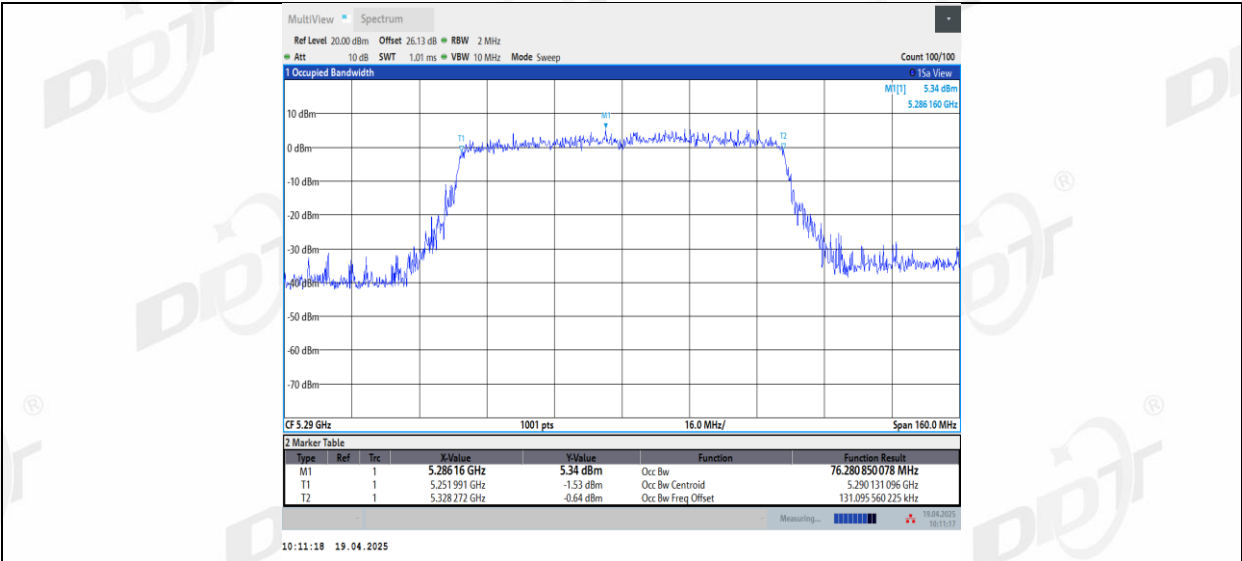
11AC40SISO_Ant1_5795



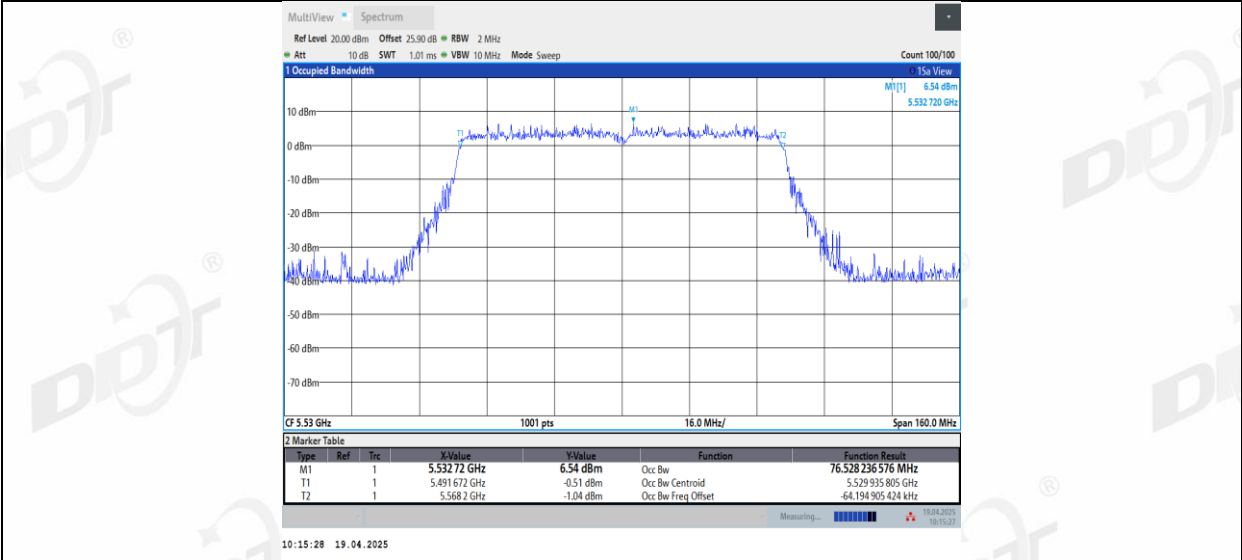
11AC80SISO_Ant1_5210



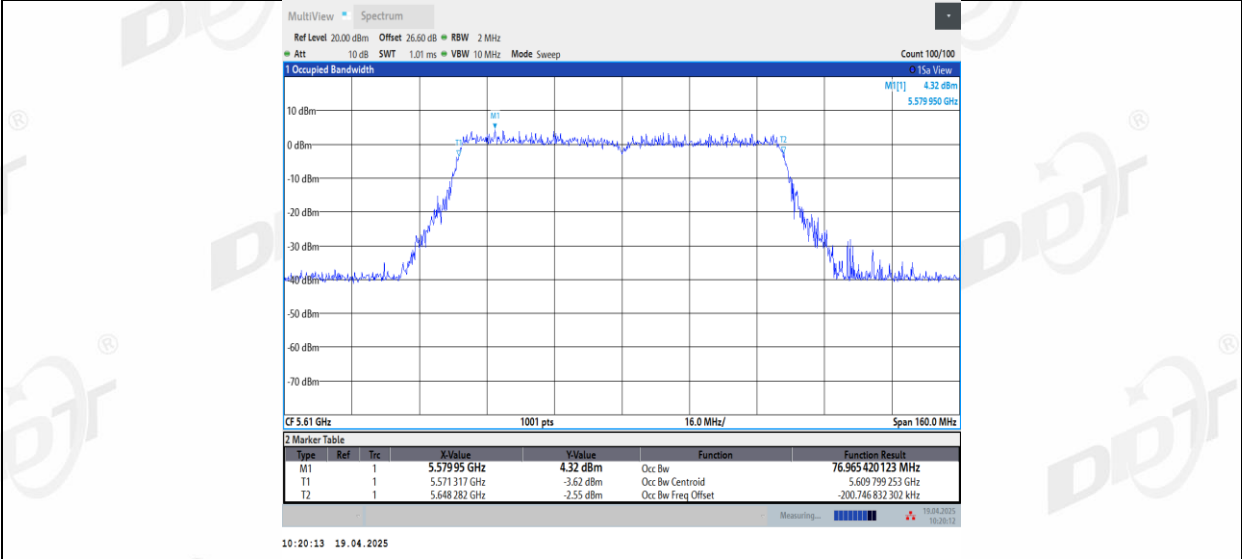
11AC80SISO_Ant1_5290



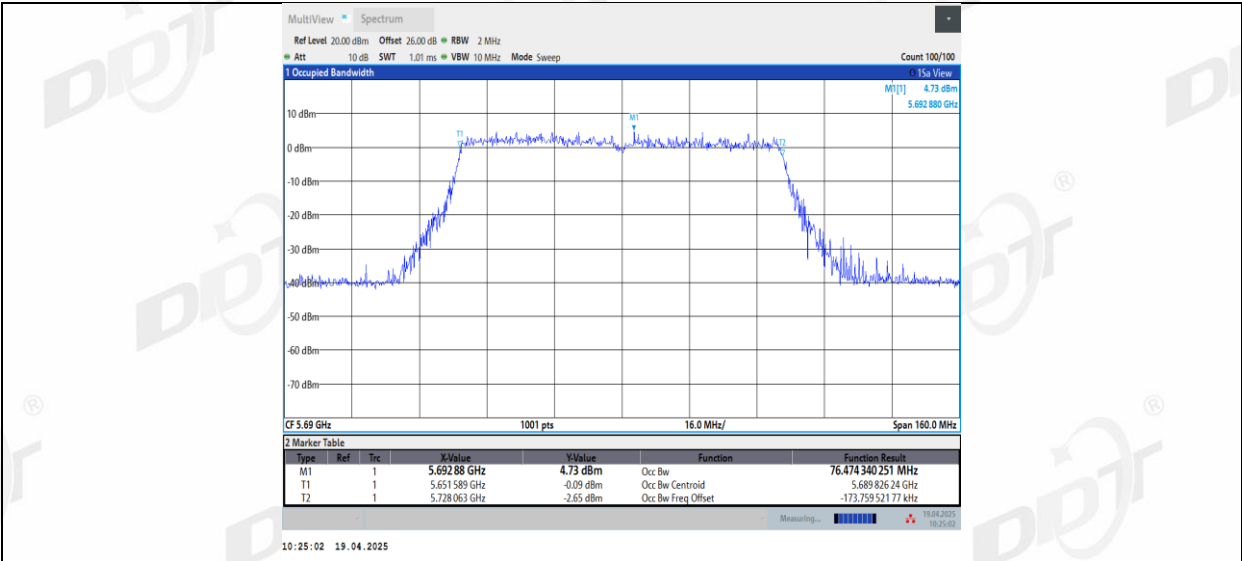
11AC80SISO_Ant1_5530



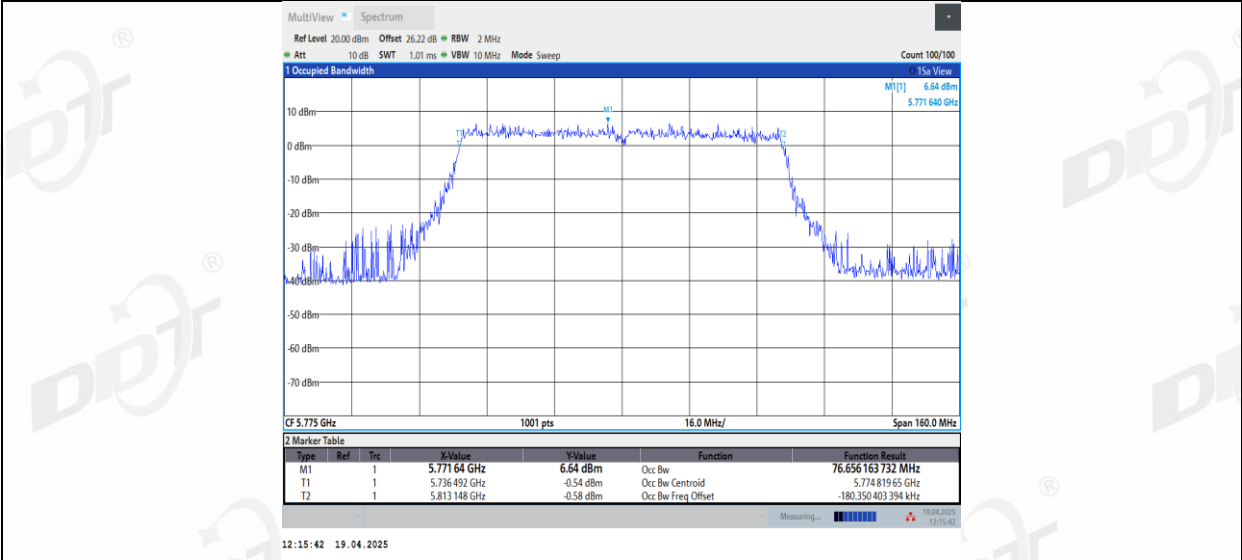
11AC80SISO_Ant1_5610



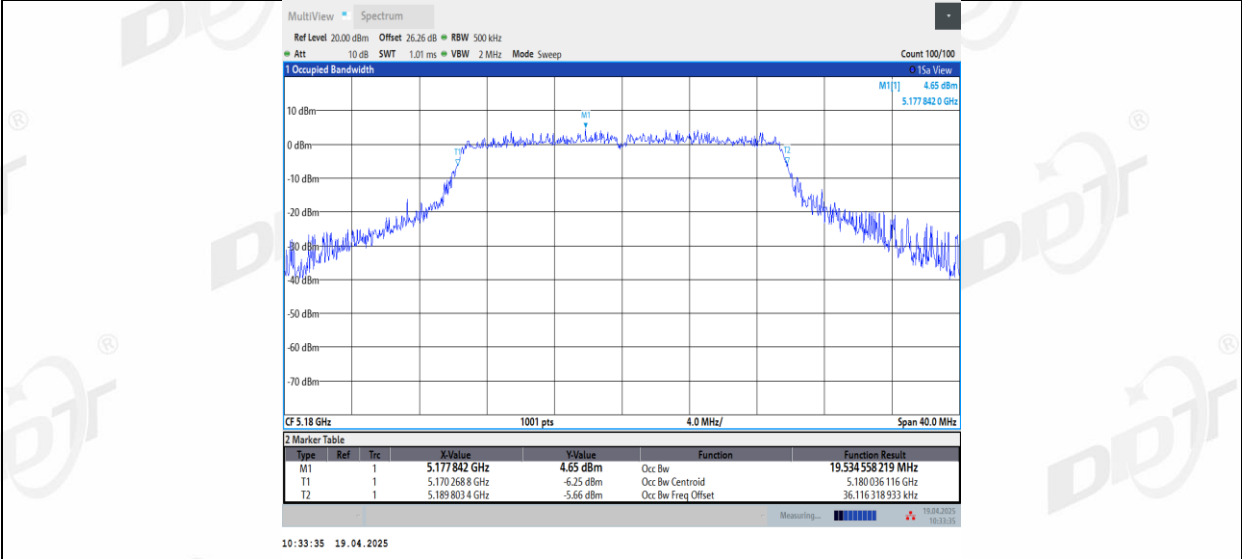
11AC80SISO_Ant1_5690



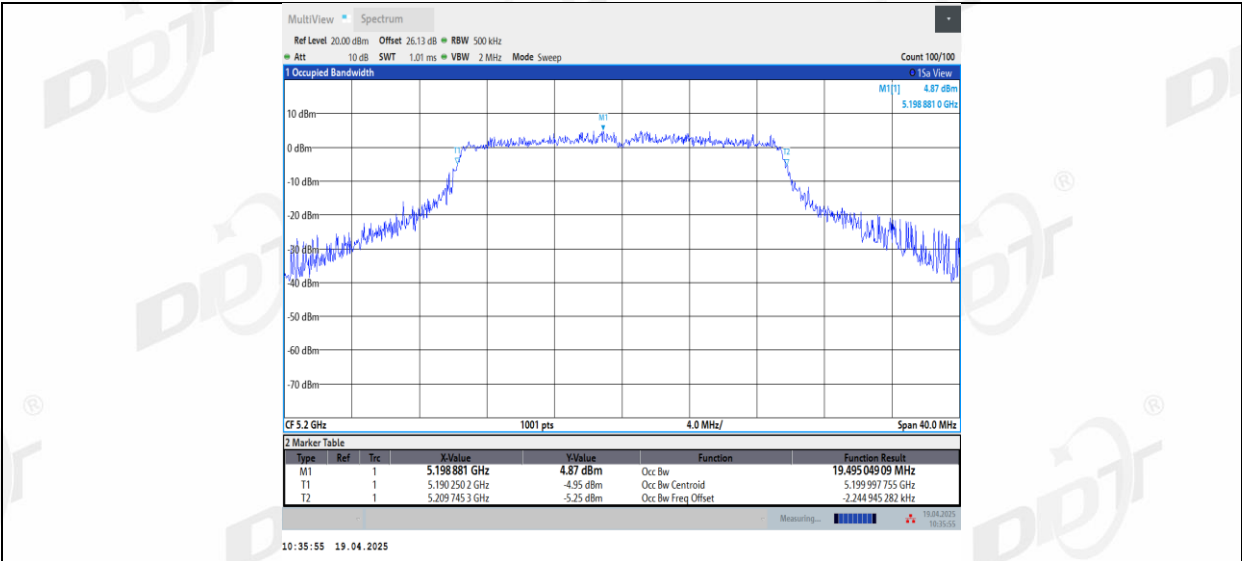
11AC80SISO_Ant1_5775



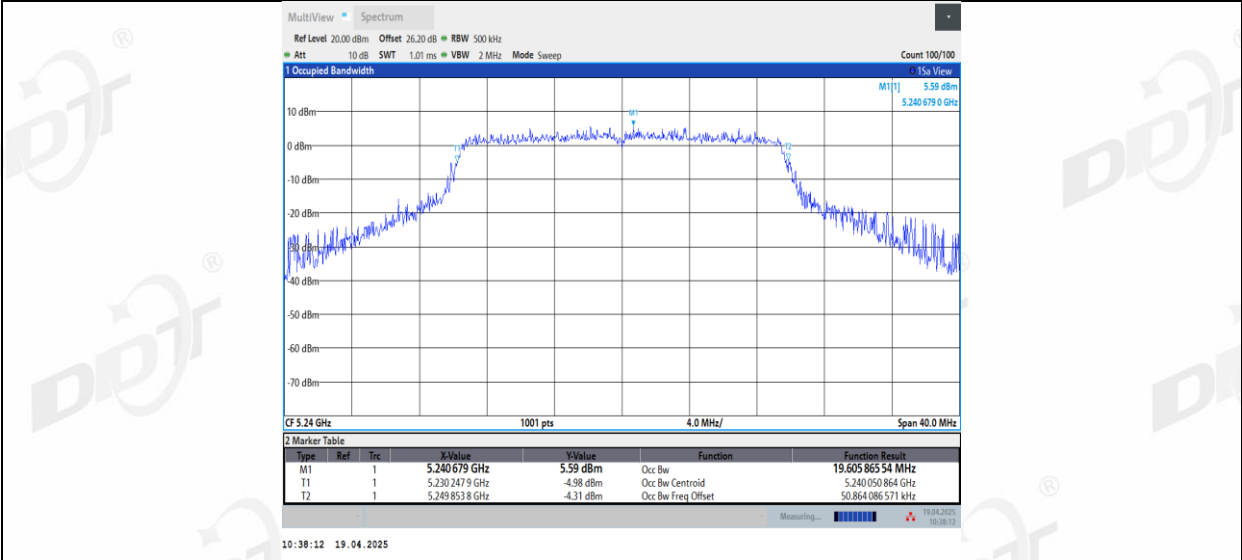
11AX20SISO_Ant1_5180



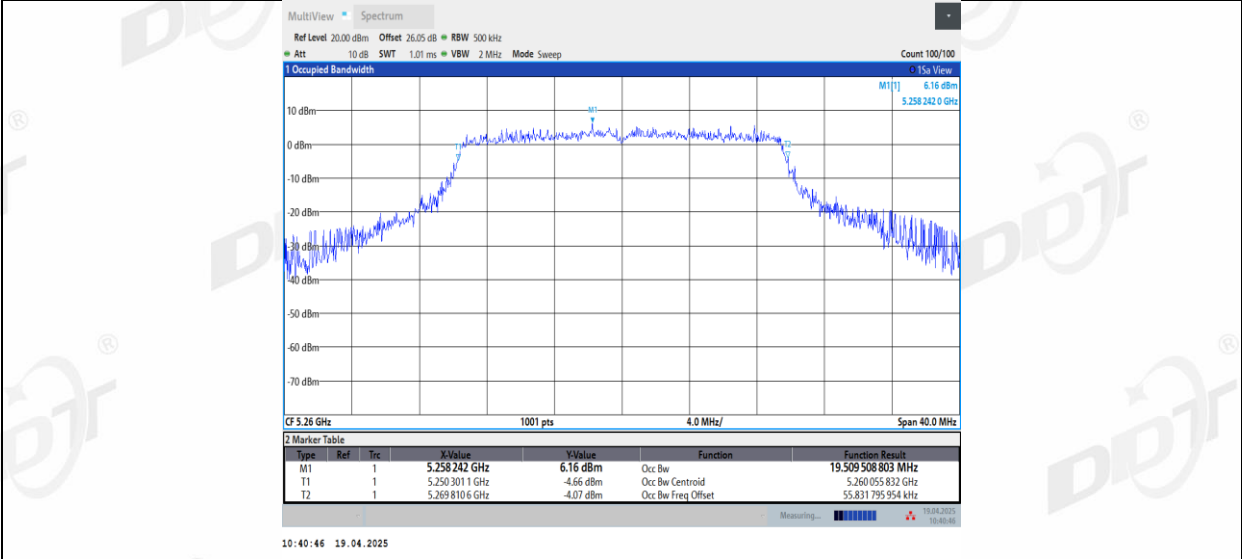
11AX20SISO_Ant1_5200



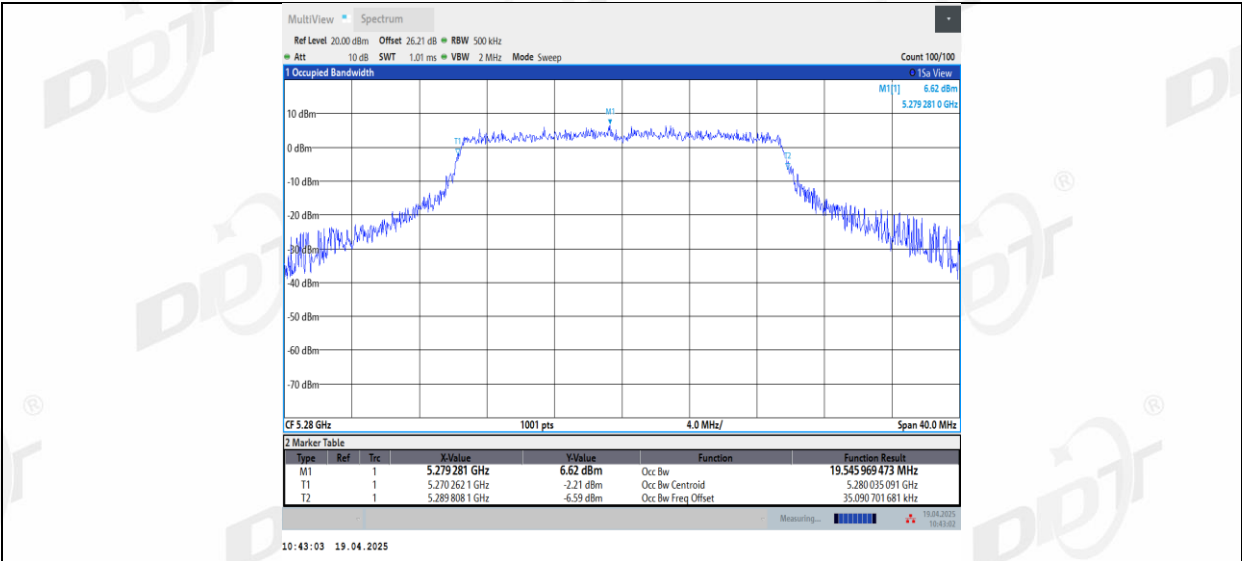
11AX20SISO_Ant1_5240



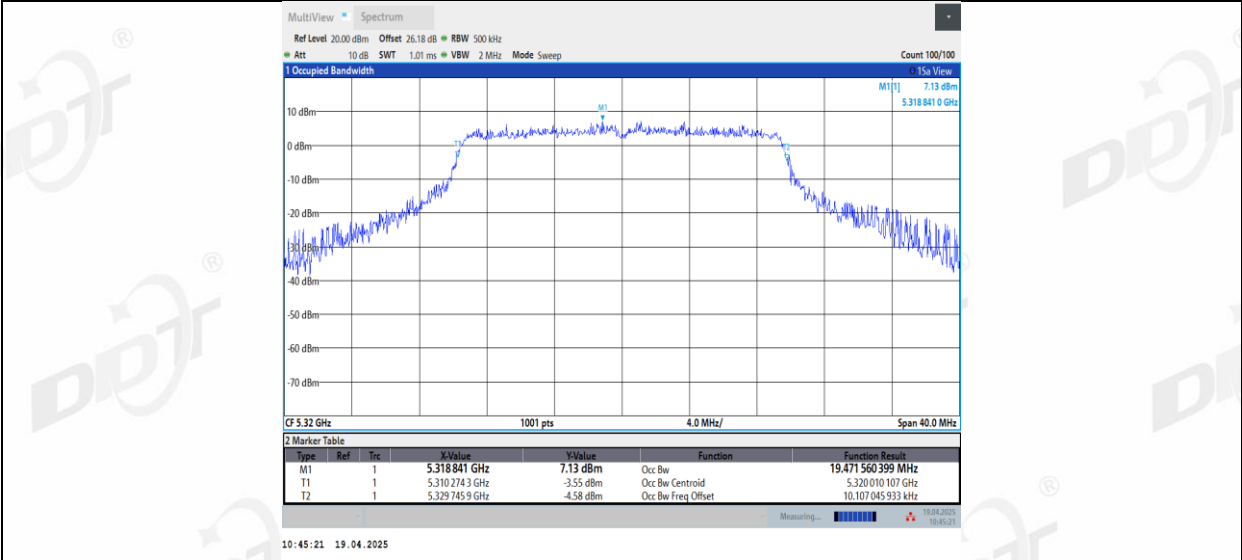
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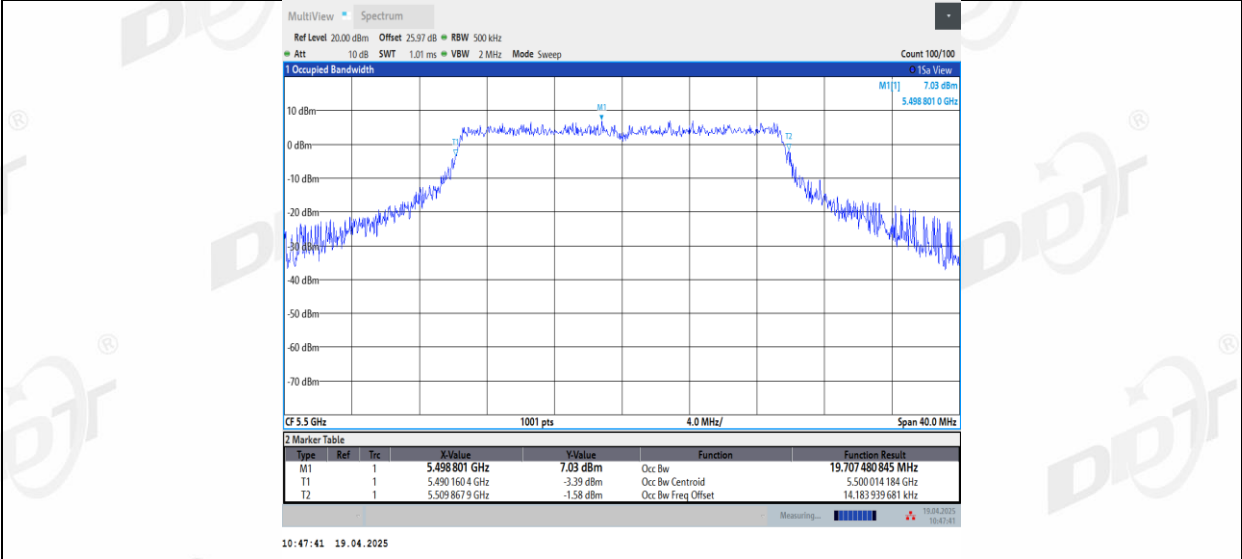
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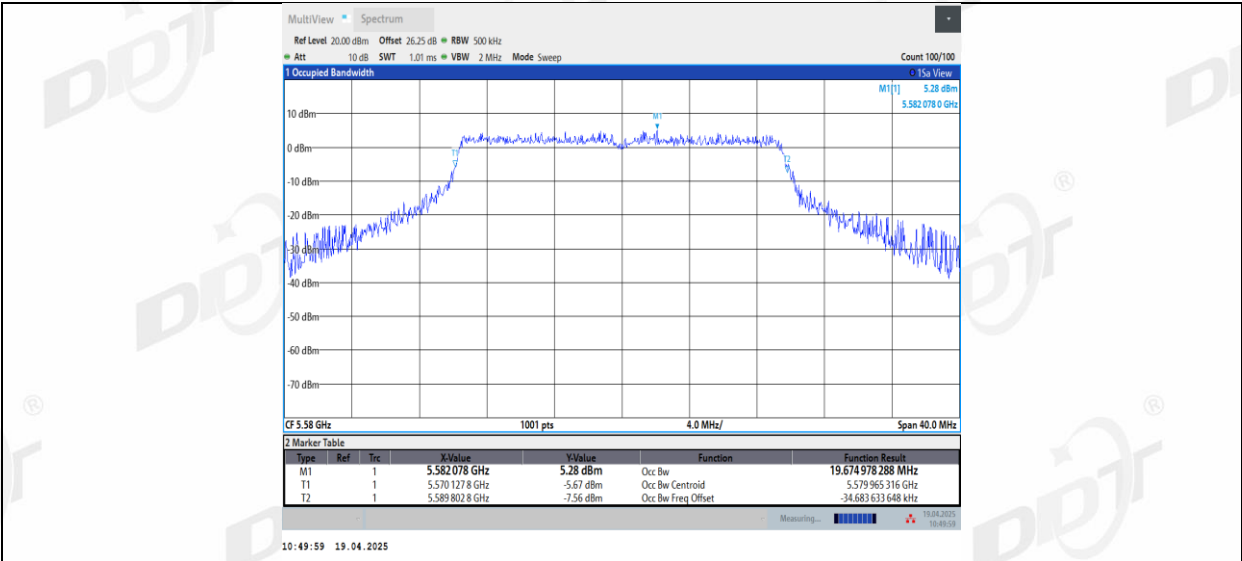
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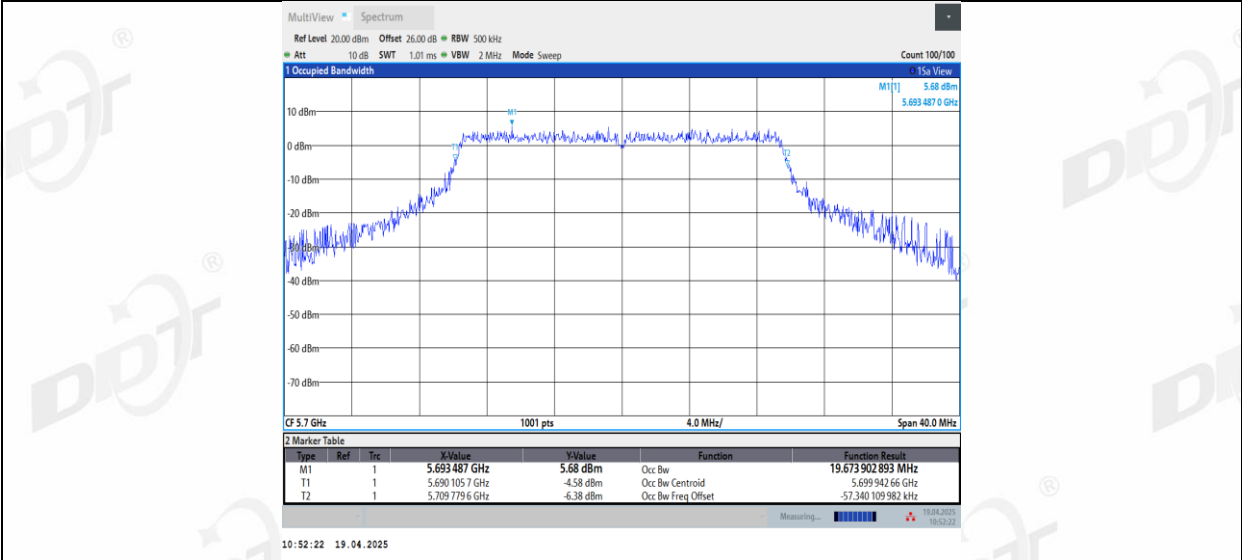
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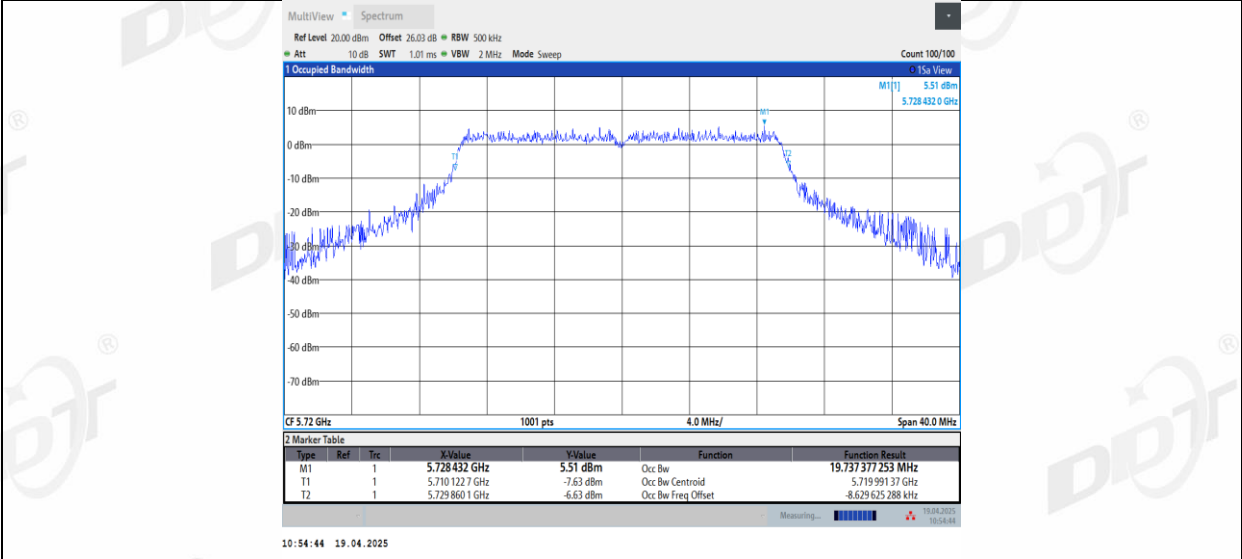
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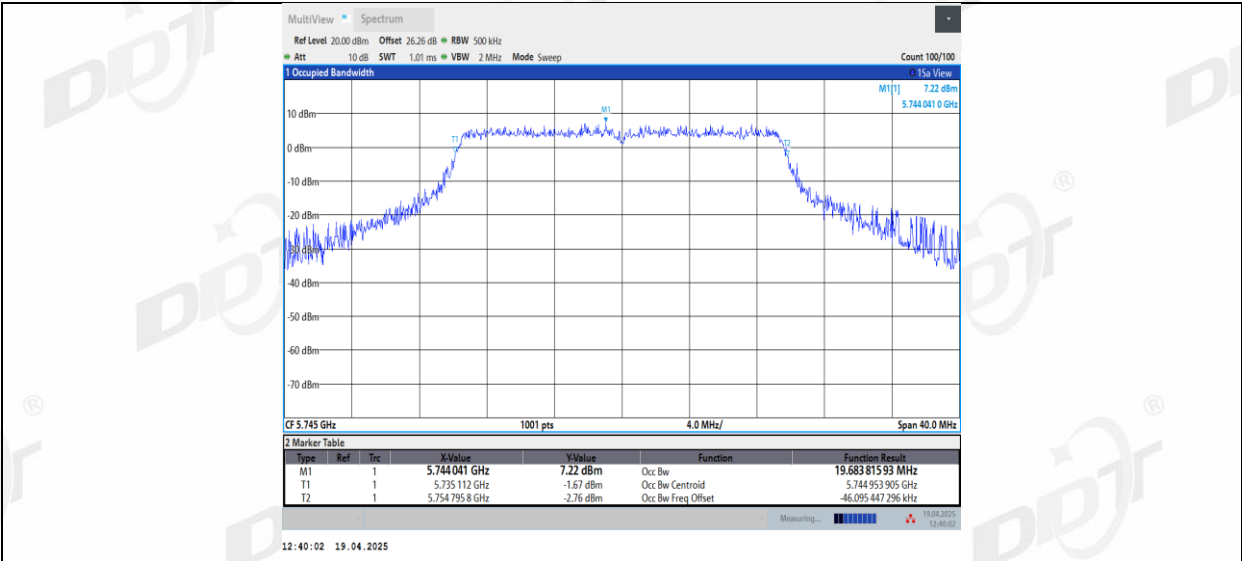
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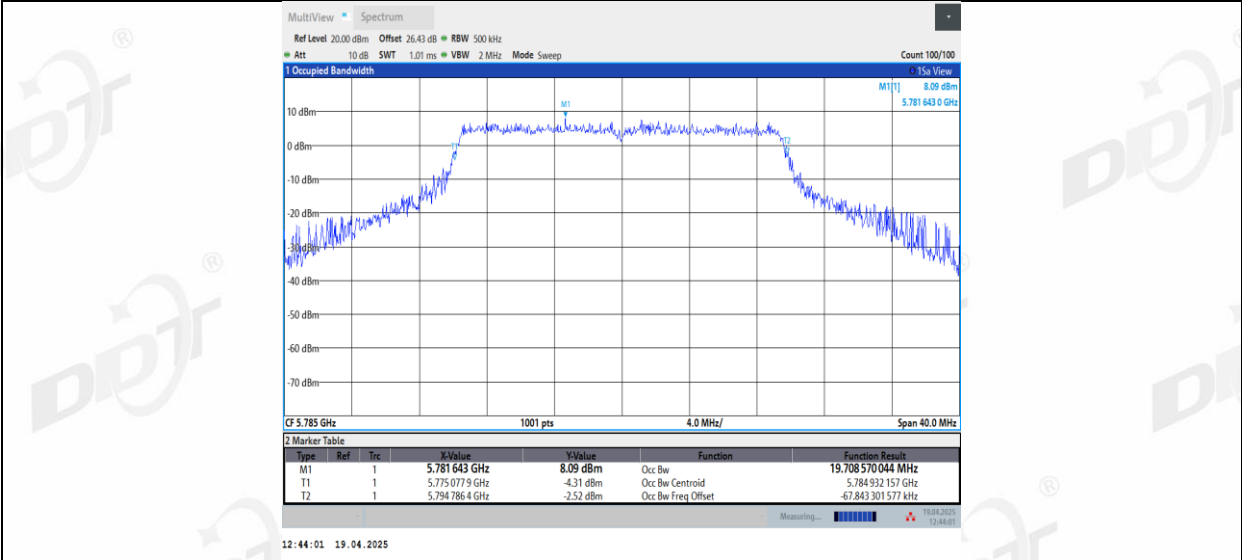
11AX20SISO_Ant1_5720



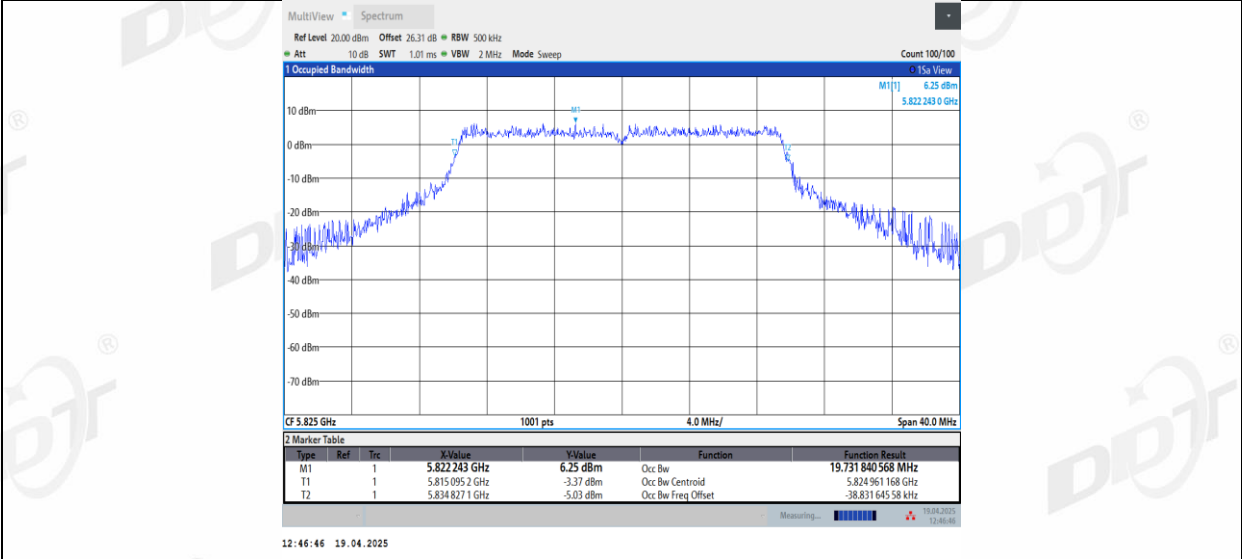
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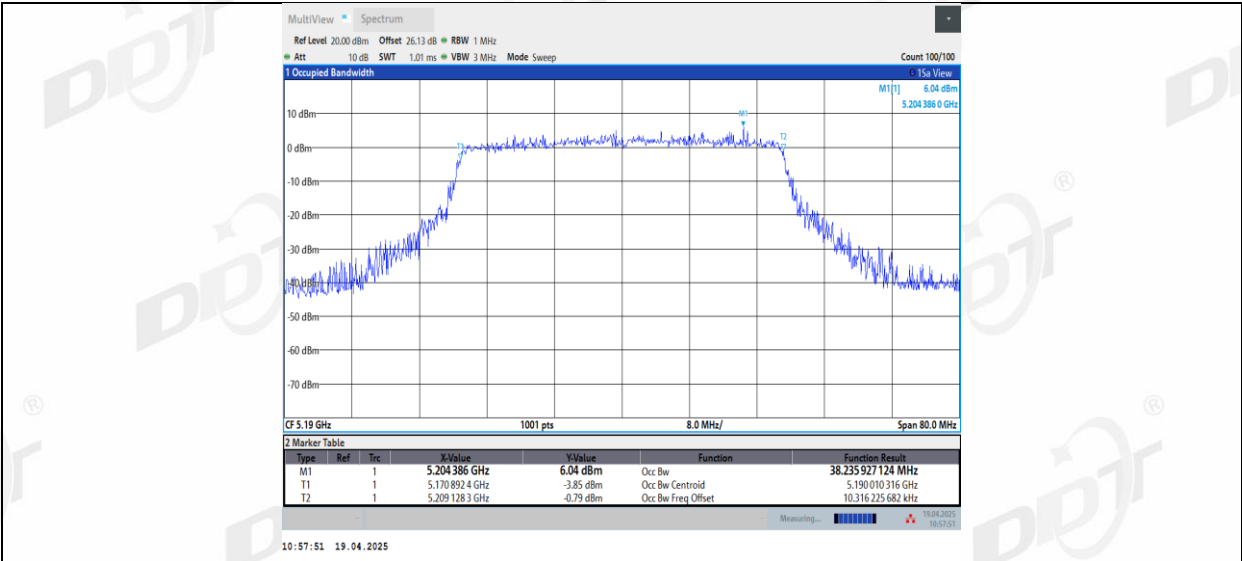
11AX20SISO_Ant1_5785



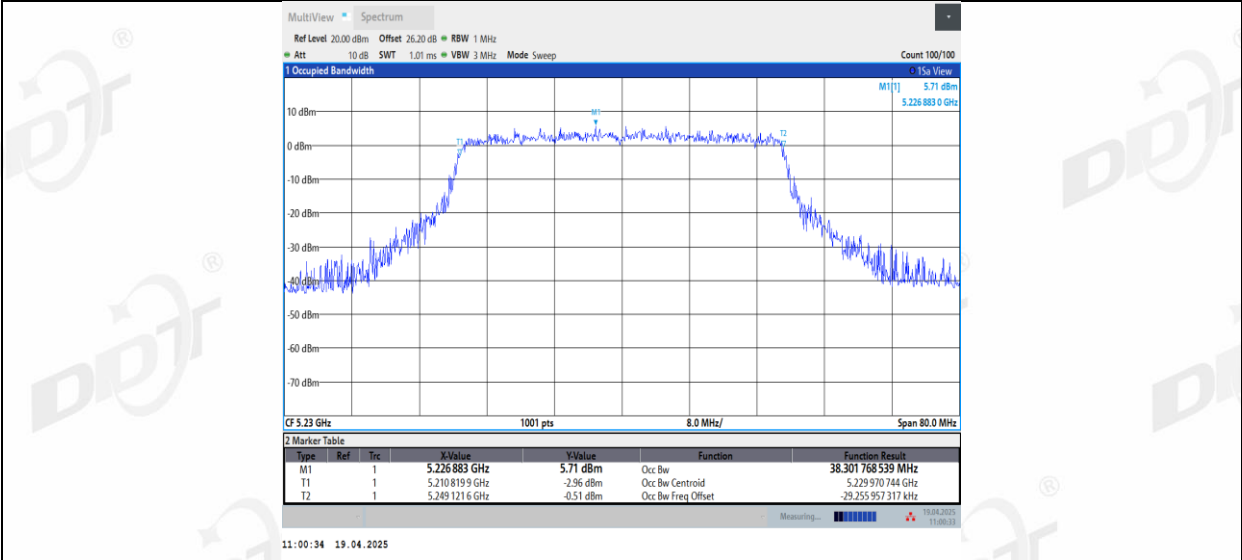
11AX20SISO_Ant1_5825



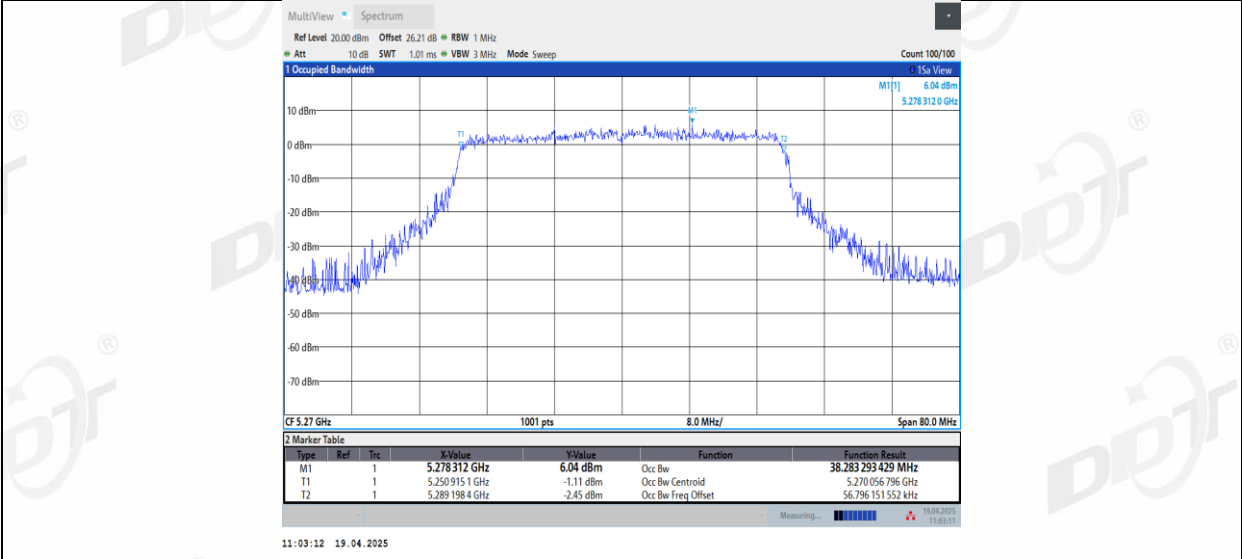
11AX40SISO_Ant1_5190



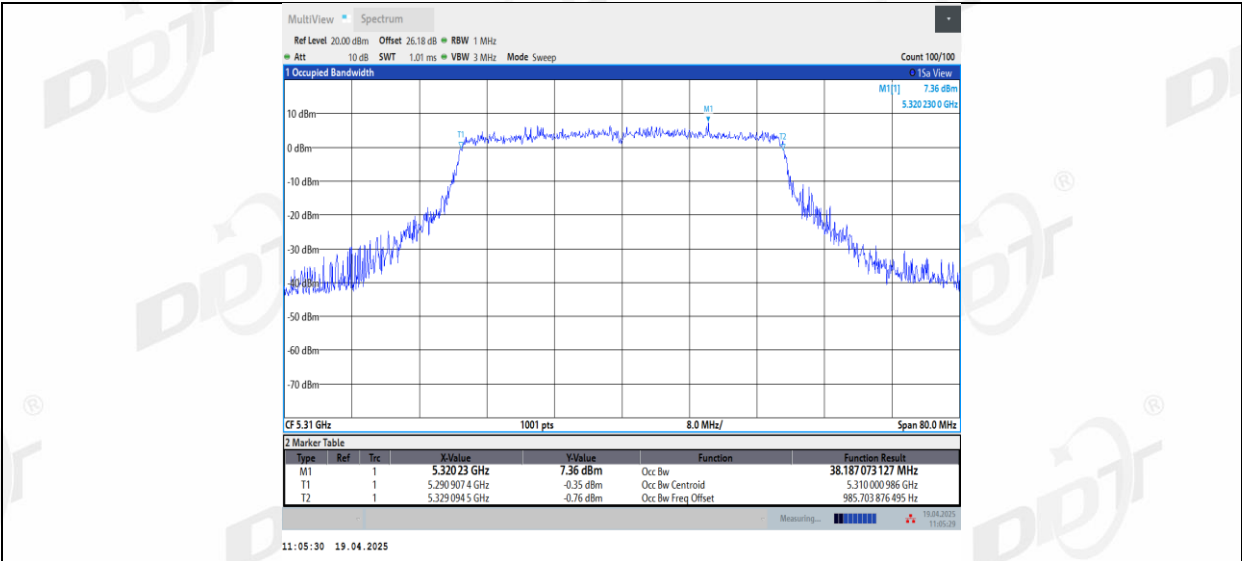
11AX40SISO_Ant1_5230



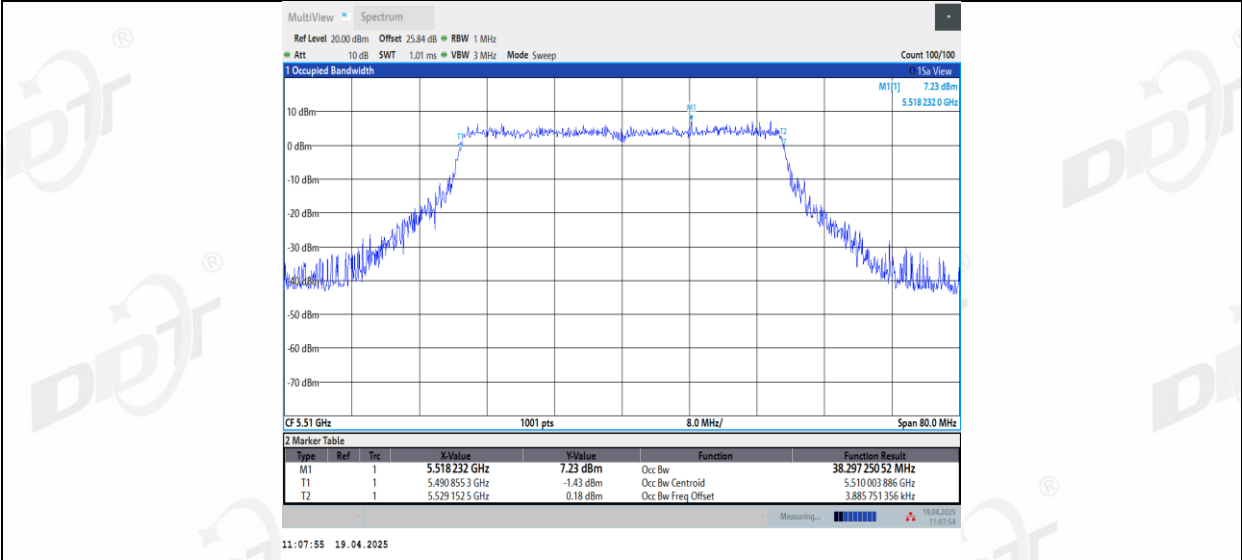
11AX40SISO_Ant1_5270



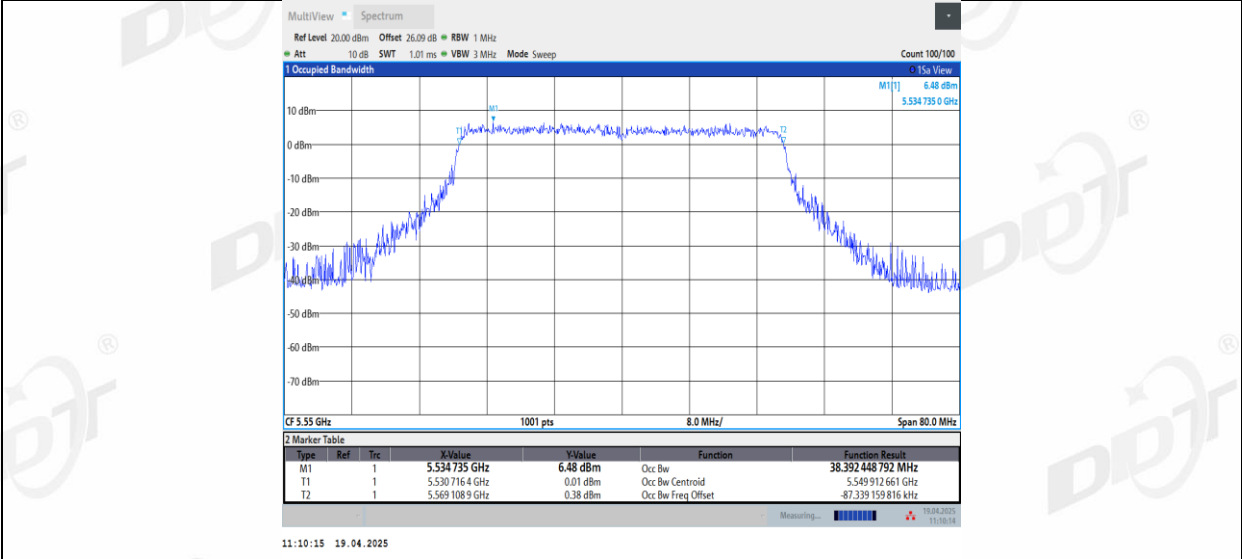
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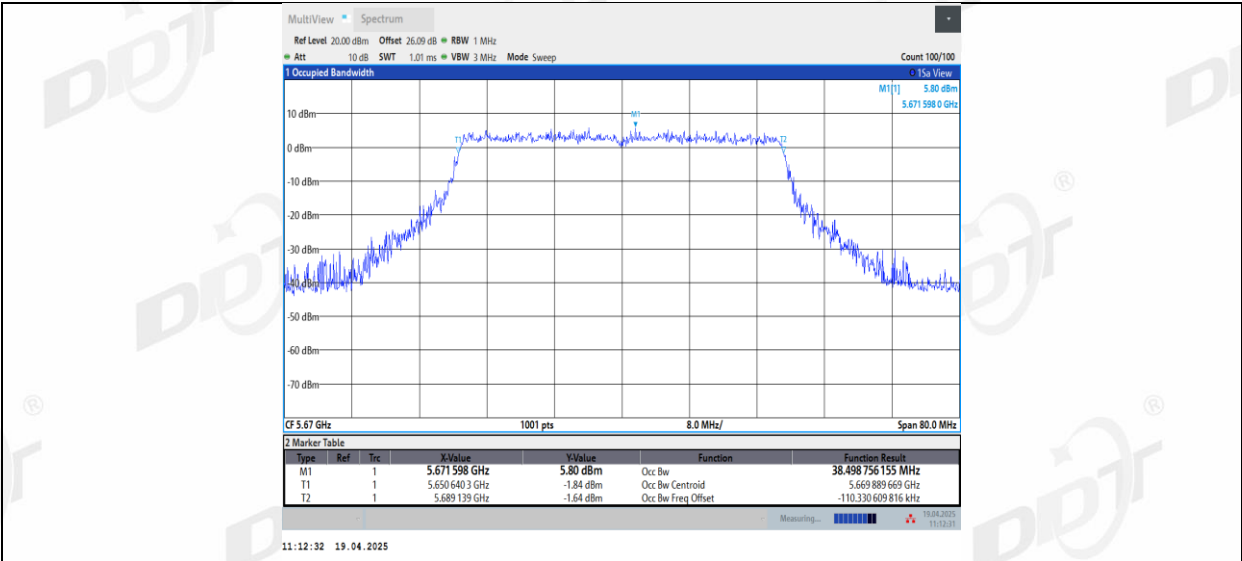
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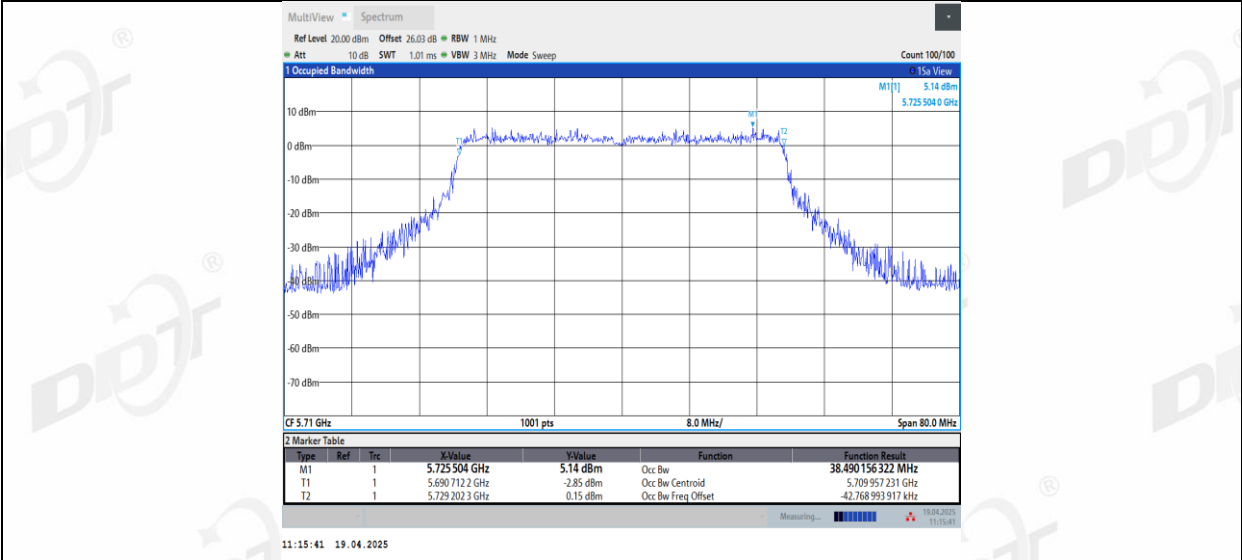
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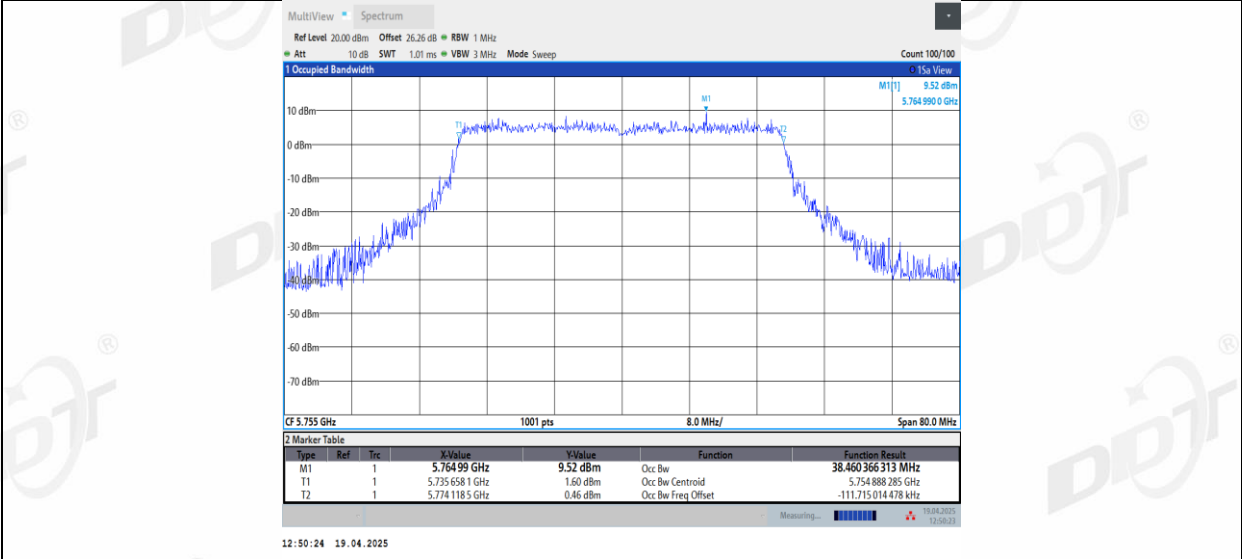
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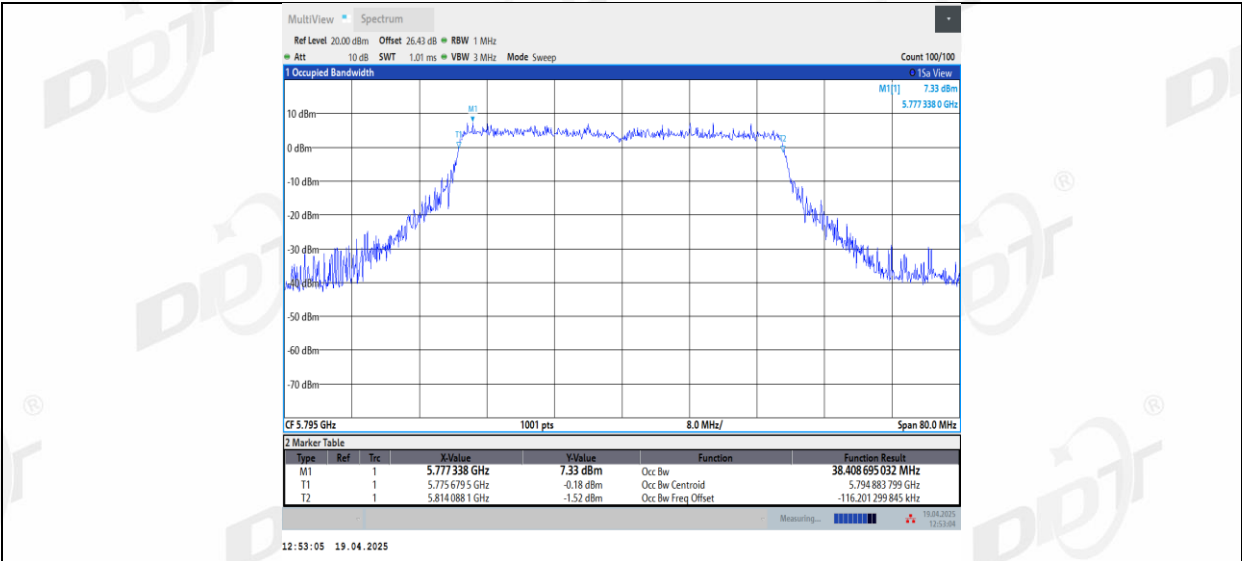
11AX40SISO_Ant1_5710



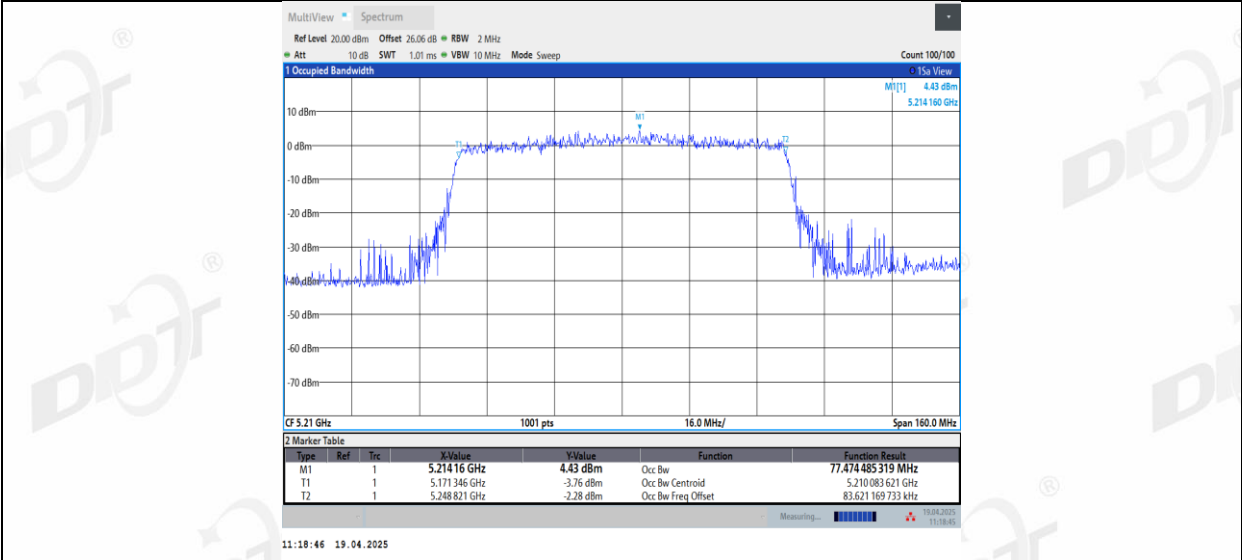
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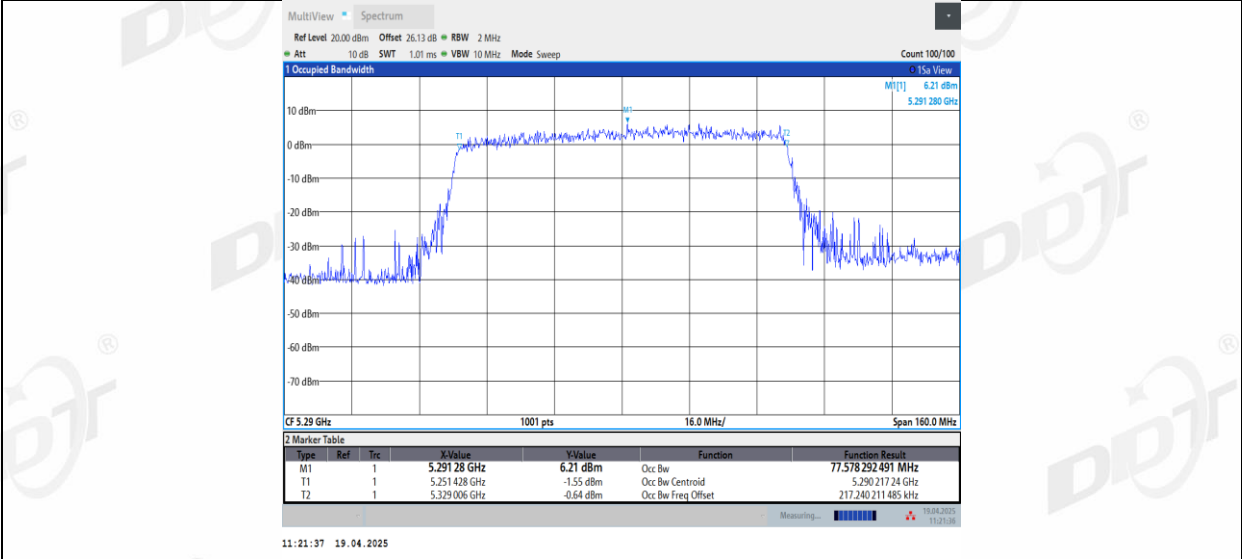
11AX40SISO_Ant1_5795



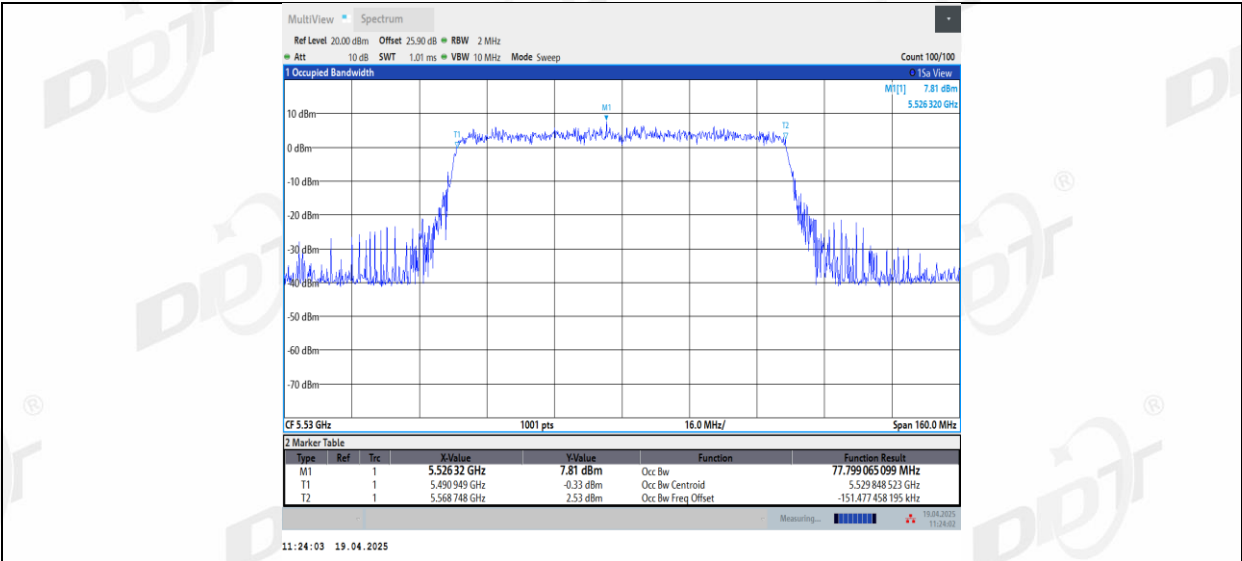
11AX80SISO_Ant1_5210



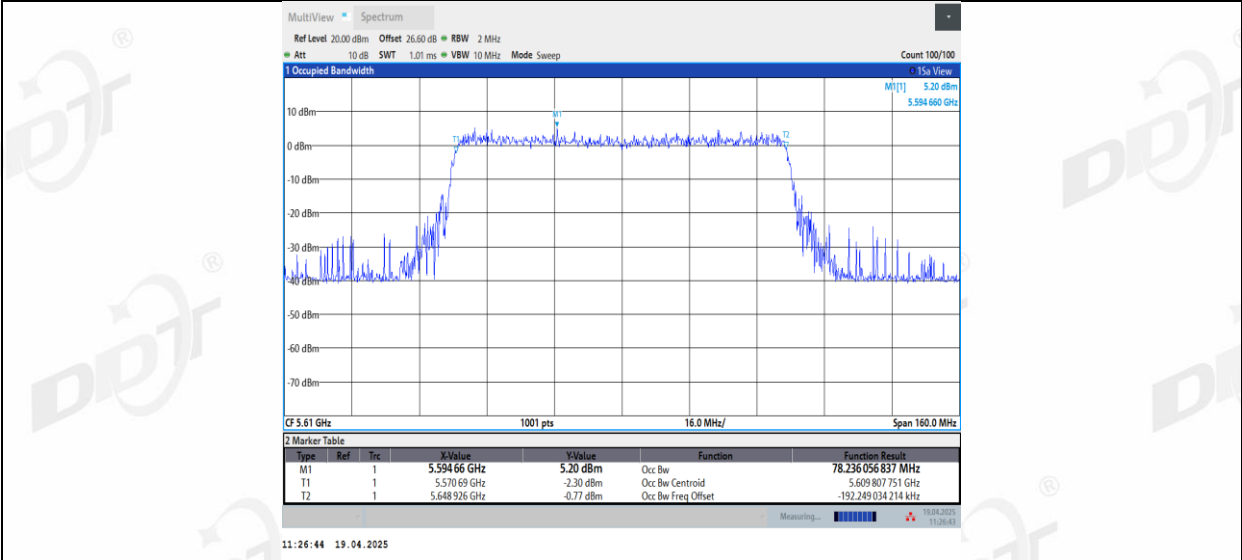
11AX80SISO_Ant1_5290



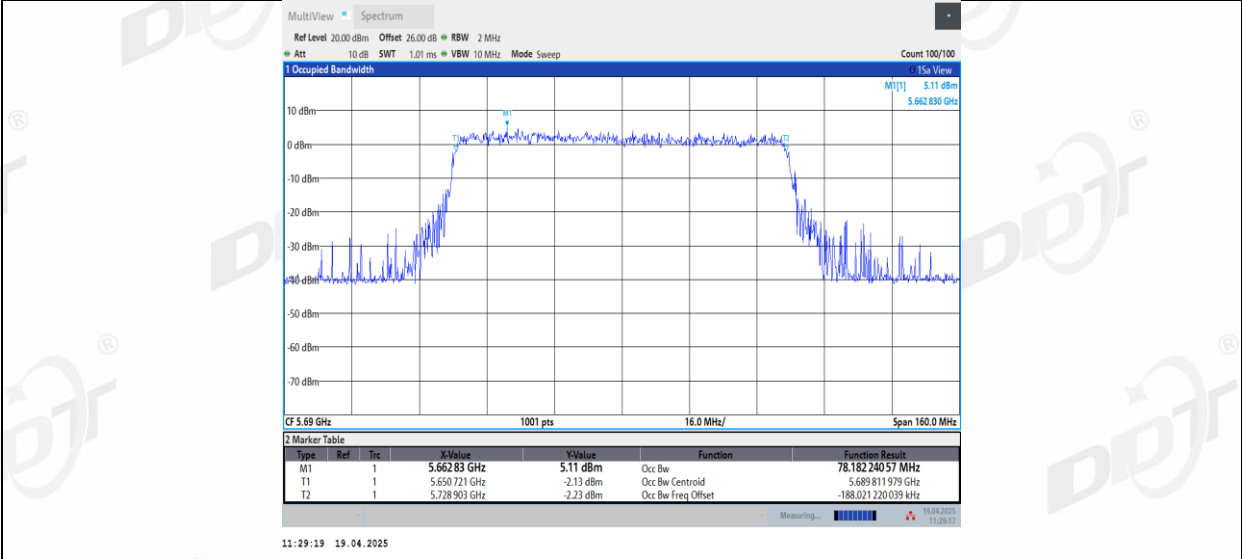
11AX80SISO_Ant1_5530



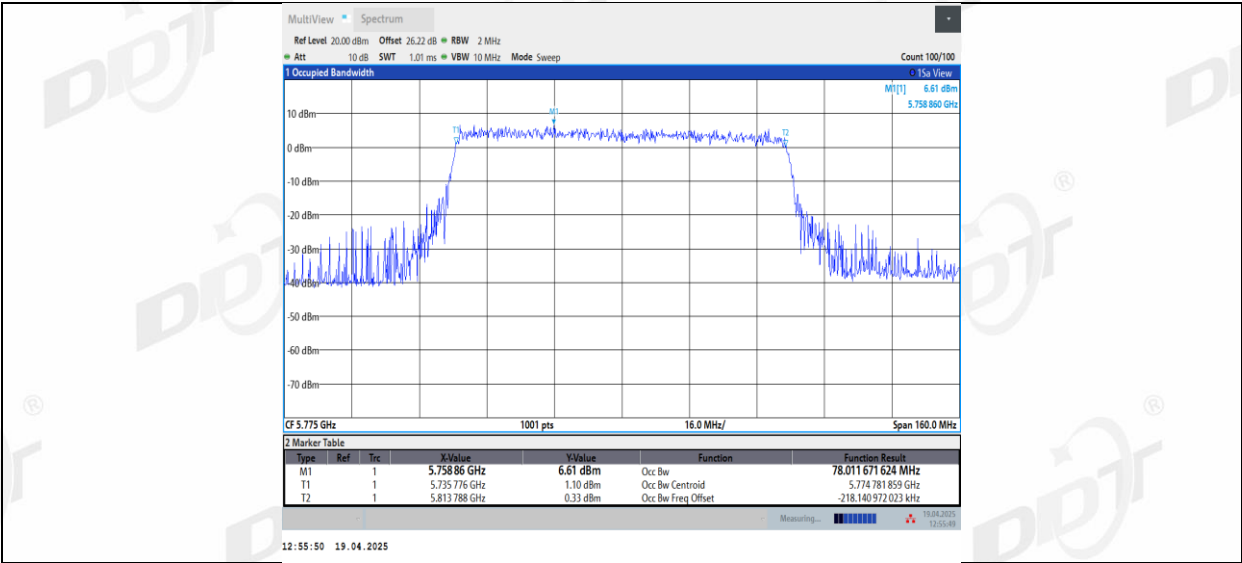
11AX80SISO_Ant1_5610



11AX80SISO_Ant1_5690

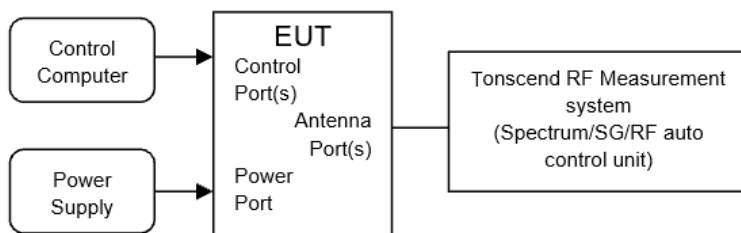


11AX80SISO_Ant1_5775



7. Duty Cycle

7.1. Block diagram of test setup



7.2. Limit

Just for Report.

7.3. Test procedure

- (1) Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, The cable loss and attenuator loss have been put into spectrum analyzer as amplitude offset. set the Spectrum Analyzer as below:

Centre Frequency: The centre frequency of the middle hopping channel.

Resolution BW: 10 MHz.

Video BW: 10 MHz.

Span: Zero span.

Detector: Peak.

Trace Mode: Clear Write.

Sweep: Video Trigger

- (2) When the trace is complete, measure the sending time of 1 burst and the duty cycle of 1 burst cycle.
- (3) Calculate dwell time follow below formula:
Duty cycle= Pulse's on time / Burst cycle

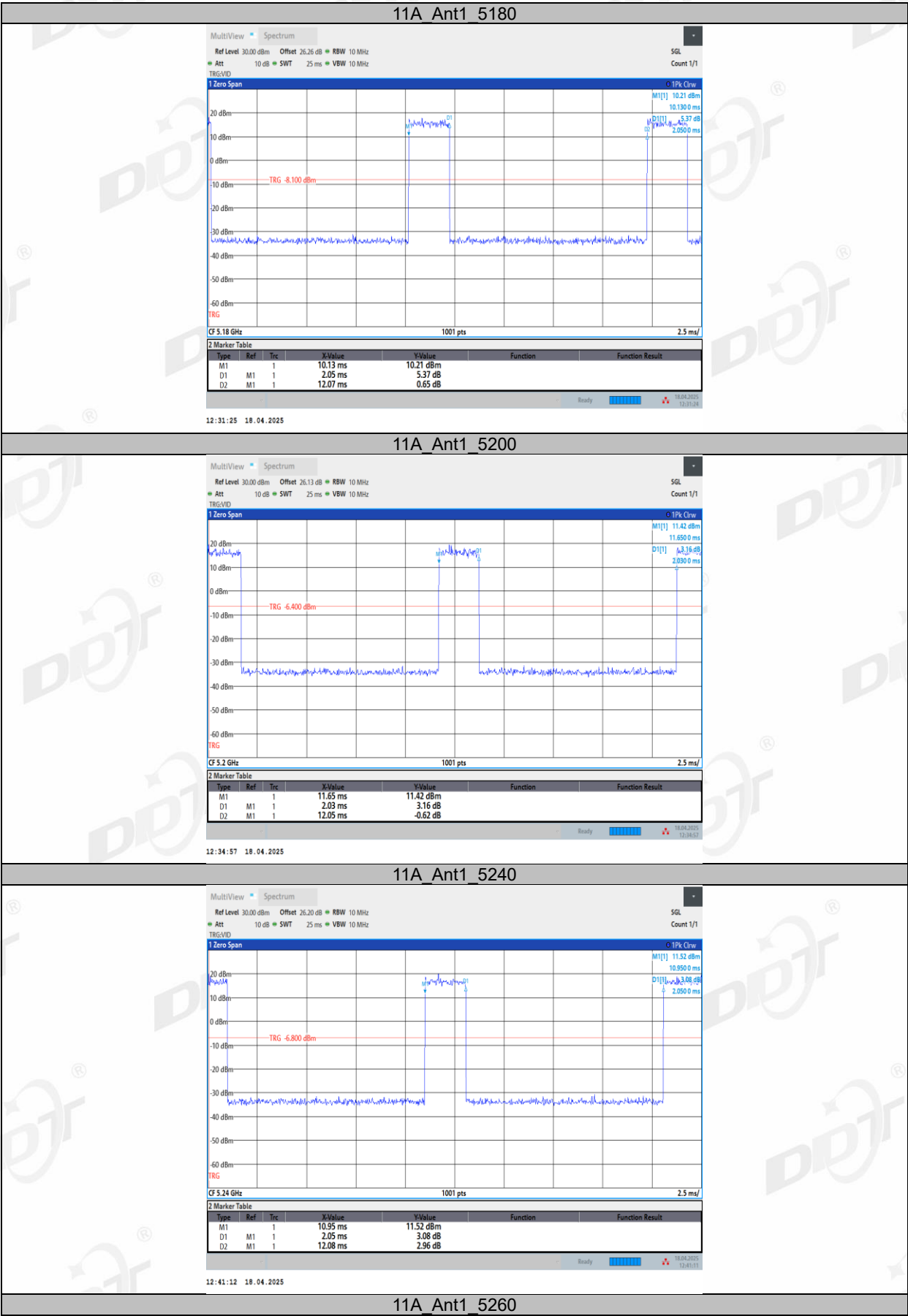
7.4. Test result

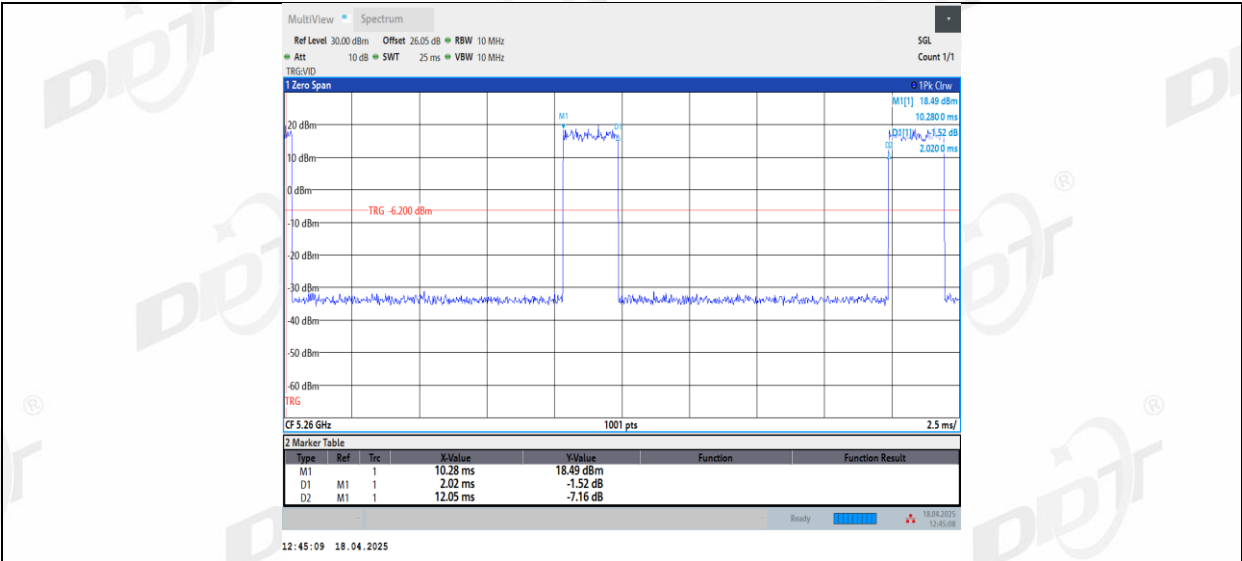
Test Engineer:	Haofeng	Test Site:	RF Measurement System 4#
Ambient Condition:	23.9℃,43.1%RH	Test Date:	2025.04.18-2025.04.19
Test Power Supply:	AC 120V/60Hz	Sample Number:	S25030626-003

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	2.05	12.07	16.98
		5200	2.03	12.05	16.85
		5240	2.05	12.08	16.97
		5260	2.02	12.05	16.76
		5280	2.05	12.07	16.98
		5320	2.02	12.05	16.76
		5500	2.02	12.07	16.74
		5580	2.05	12.08	16.97
		5700	2.05	12.08	16.97
		5720	2.02	12.07	16.74
		5745	2.03	12.05	16.85
		5785	2.05	12.08	16.97
		5825	2.05	12.08	16.97
11N20SISO	Ant1	5180	1.87	11.90	15.71
		5200	1.90	11.93	15.93
		5240	1.90	11.92	15.94
		5260	1.87	11.92	15.69
		5280	1.90	11.93	15.93
		5320	1.90	11.93	15.93
		5500	1.87	11.92	15.69
		5580	1.90	11.92	15.94
		5700	1.90	11.93	15.93
		5720	1.90	11.93	15.93
		5745	1.90	11.92	15.94
		5785	1.90	11.92	15.94
11N40SISO	Ant1	5190	0.95	10.97	8.66
		5230	0.95	10.97	8.66
		5270	0.95	10.97	8.66
		5310	0.93	10.95	8.49
		5510	0.93	10.95	8.49
		5550	0.92	10.95	8.40
		5670	0.93	10.95	8.49
		5710	0.95	10.98	8.65
		5755	0.92	10.95	8.40
		5795	0.92	10.95	8.40
11AC20SISO	Ant1	5180	1.90	11.92	15.94
		5200	1.92	11.95	16.07
		5240	1.90	11.95	15.90
		5260	1.90	11.95	15.90
		5280	1.92	11.95	16.07
		5320	1.90	11.92	15.94
		5500	1.90	11.93	15.93
		5580	1.90	11.95	15.90
		5700	1.90	11.95	15.90
		5720	1.90	11.95	15.90
		5745	1.90	11.92	15.94
		5785	1.90	11.93	15.93
		5825	1.90	11.95	15.90
11AC40SISO	Ant1	5190	0.95	10.98	8.65
		5230	0.95	10.97	8.66
		5270	0.93	10.95	8.49
		5310	0.95	10.97	8.66
		5510	0.95	10.98	8.65
		5550	0.95	10.97	8.66

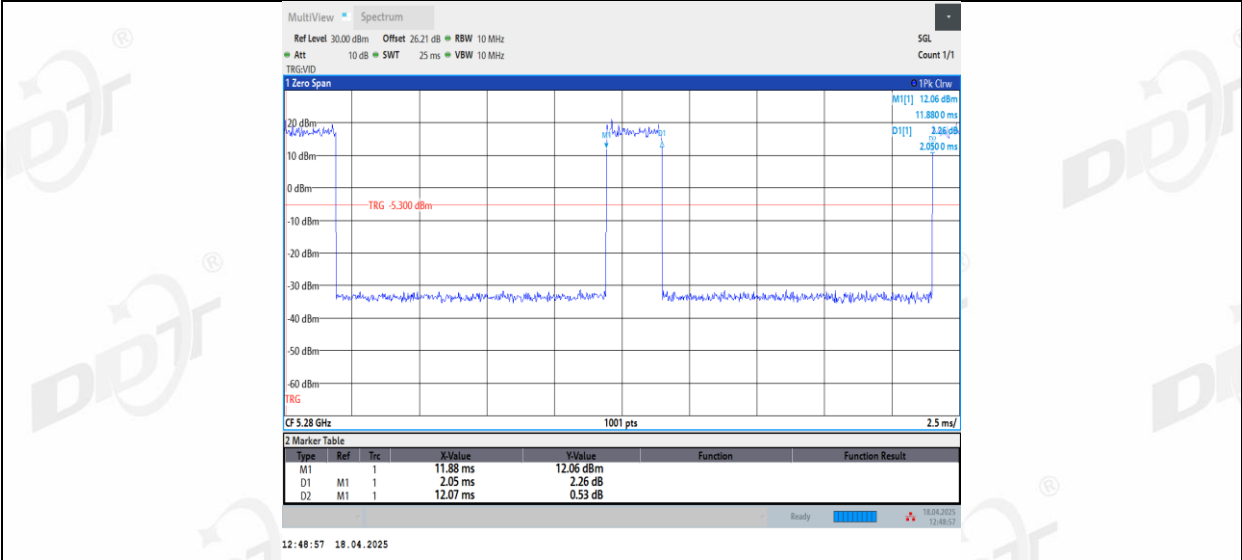
		5670	0.92	10.95	8.40
		5710	0.92	10.95	8.40
		5755	0.93	10.95	8.49
		5795	0.95	10.97	8.66
11AC80SISO	Ant1	5210	0.45	10.47	4.30
		5290	0.47	10.50	4.48
		5530	0.48	10.50	4.57
		5610	0.48	10.50	4.57
		5690	0.45	10.48	4.29
		5775	0.45	10.48	4.29
11AX20SISO	Ant1	5180	1.48	11.50	12.87
		5200	1.47	11.50	12.78
		5240	1.47	11.50	12.78
		5260	1.47	11.50	12.78
		5280	1.47	11.50	12.78
		5320	1.48	11.50	12.87
		5500	1.47	11.50	12.78
		5580	1.45	11.47	12.64
		5700	1.45	11.47	12.64
		5720	1.46	11.48	12.72
		5745	1.45	11.48	12.63
		5785	1.47	11.50	12.78
11AX40SISO	Ant1	5825	1.45	11.48	12.63
		5190	0.77	10.80	7.13
		5230	0.75	10.77	6.96
		5270	0.75	10.80	6.94
		5310	0.75	10.78	6.96
		5510	0.77	10.80	7.13
		5550	0.77	10.80	7.13
		5670	0.75	10.80	6.94
		5710	0.75	10.78	6.96
		5755	0.78	10.80	7.22
11AX80SISO	Ant1	5795	0.75	10.80	6.94
		5210	0.40	10.42	3.84
		5290	0.40	10.43	3.84
		5530	0.38	10.43	3.64
		5610	0.40	10.42	3.84
		5690	0.37	10.42	3.55
		5775	0.40	10.43	3.84

7.5. Test graphs

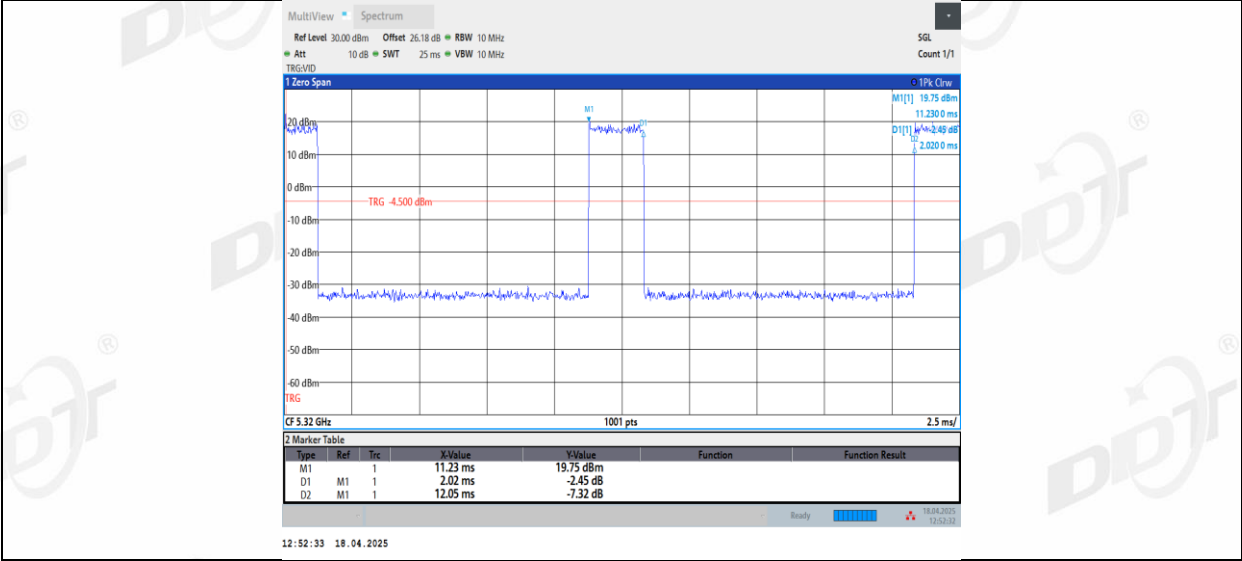




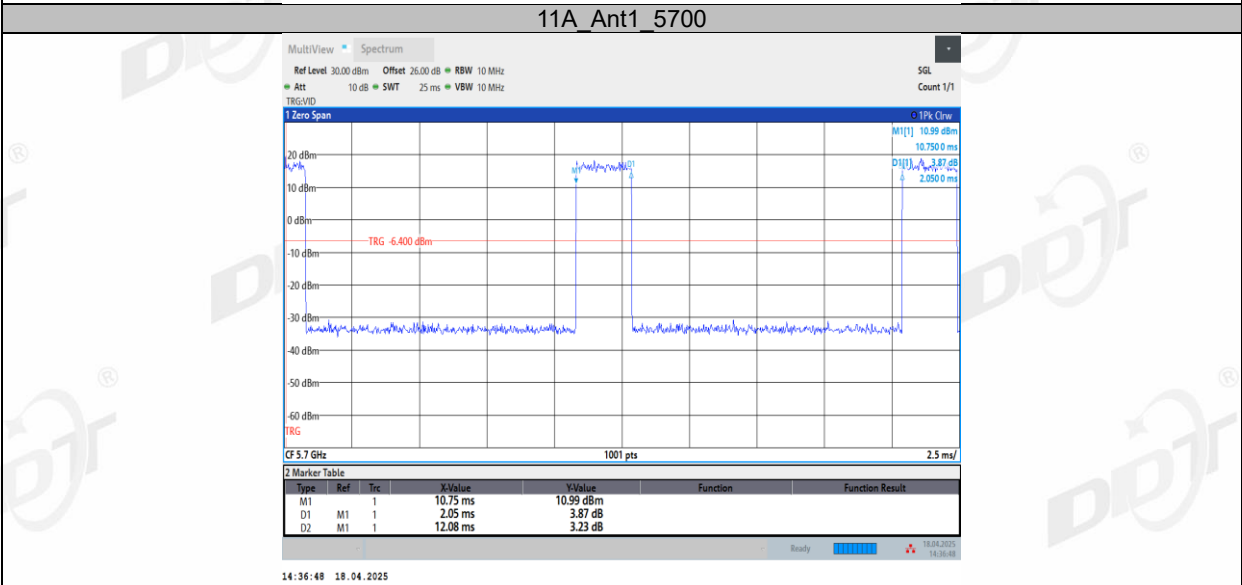
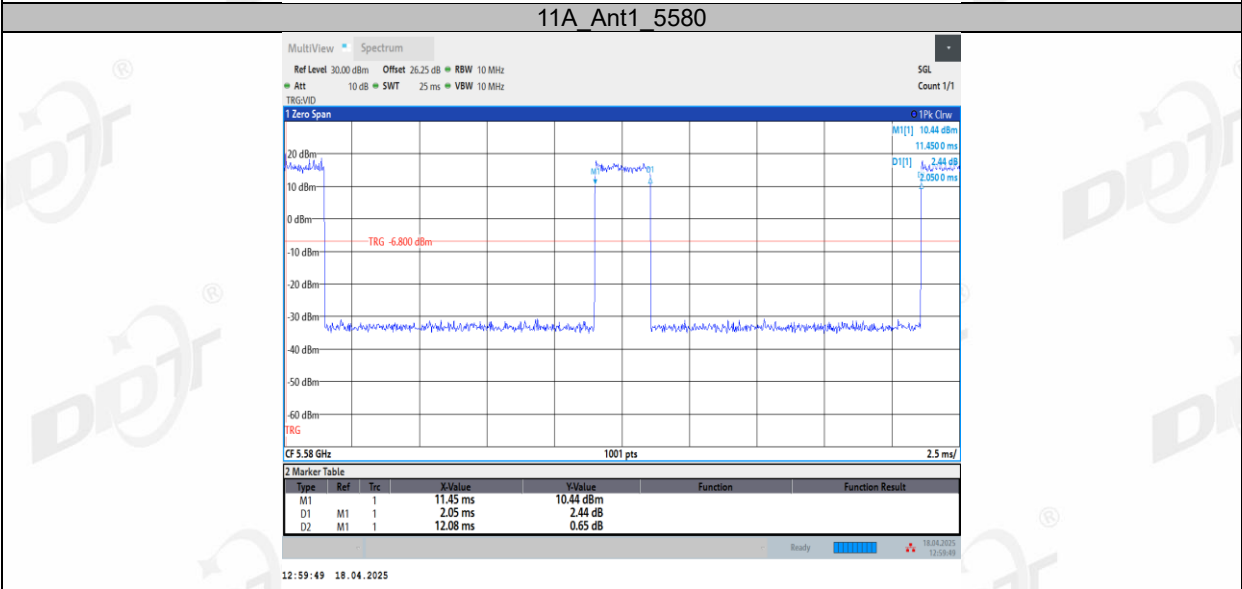
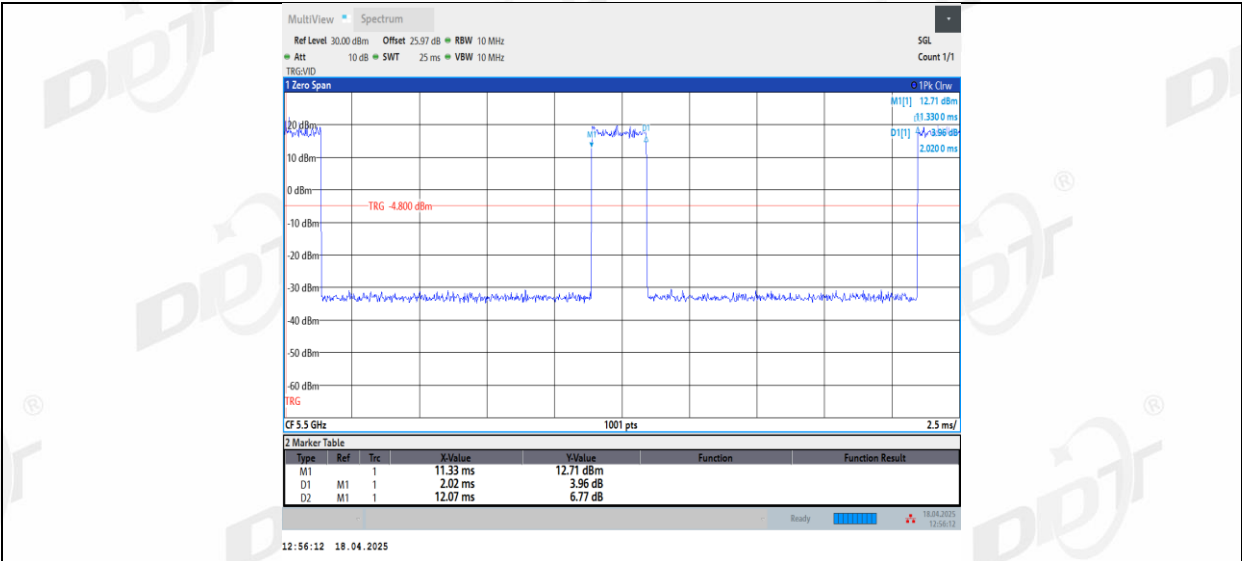
11A_Ant1_5280

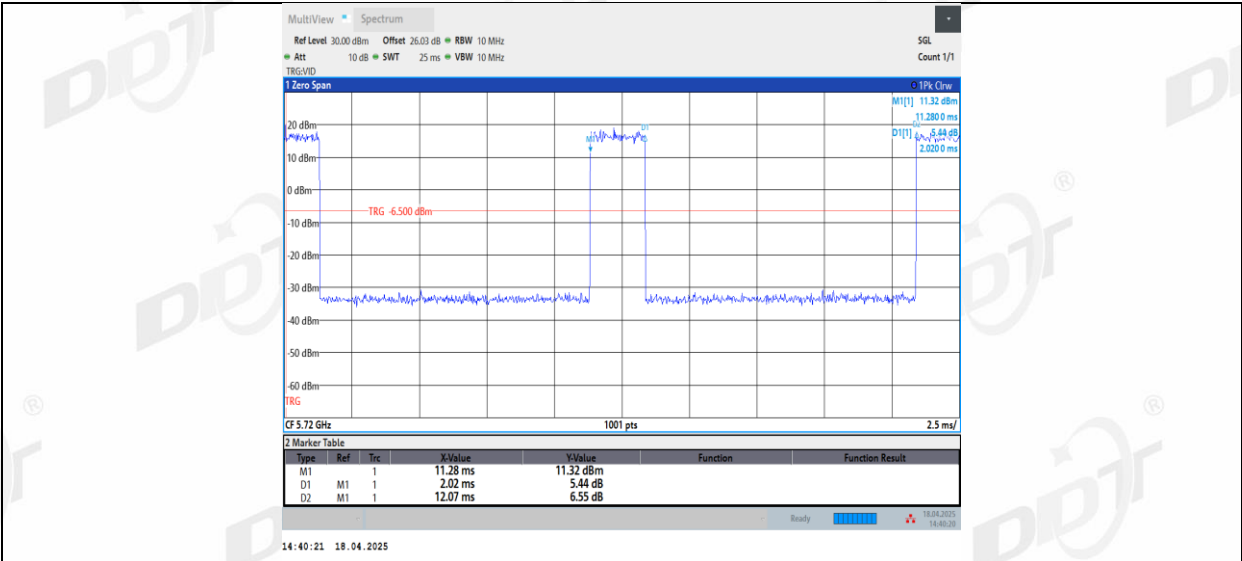


11A_Ant1_5320

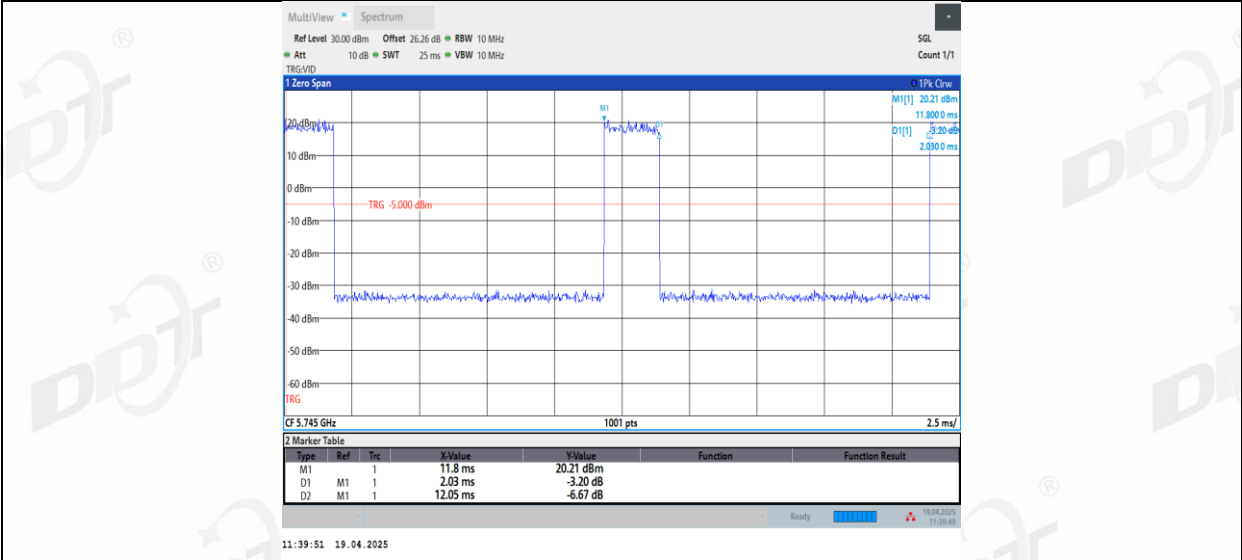


11A_Ant1_5500

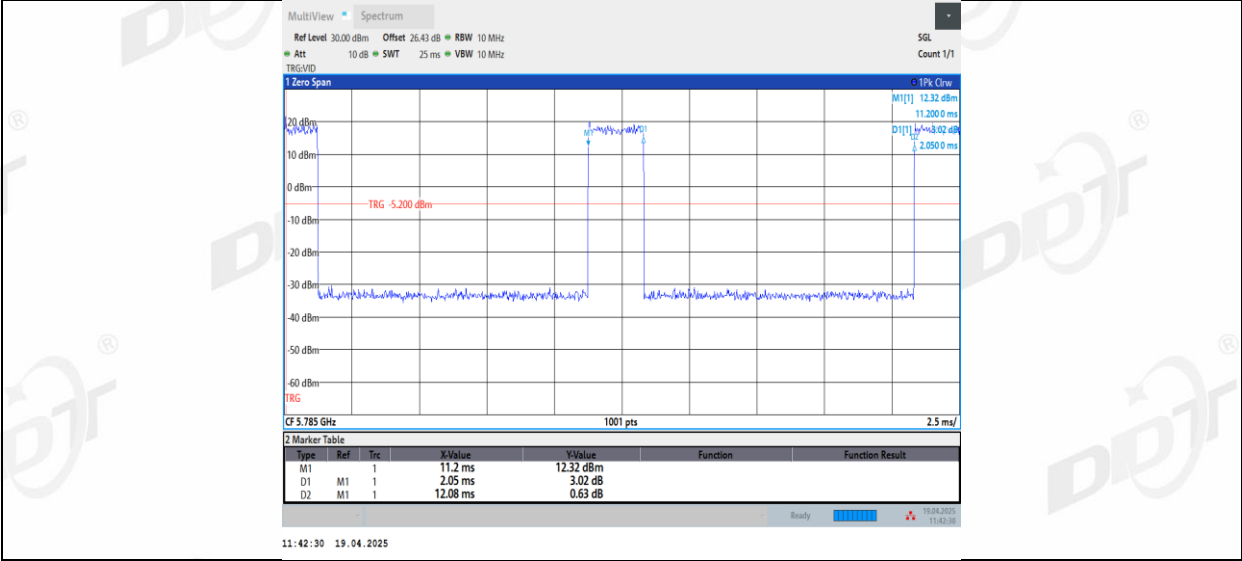




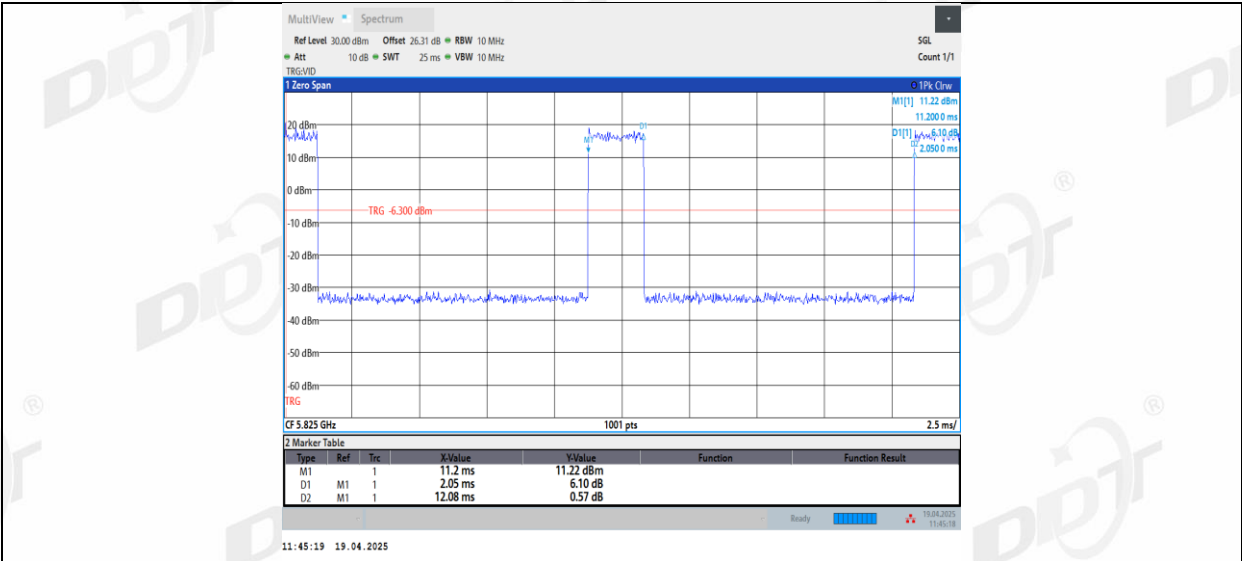
11A_Ant1_5745



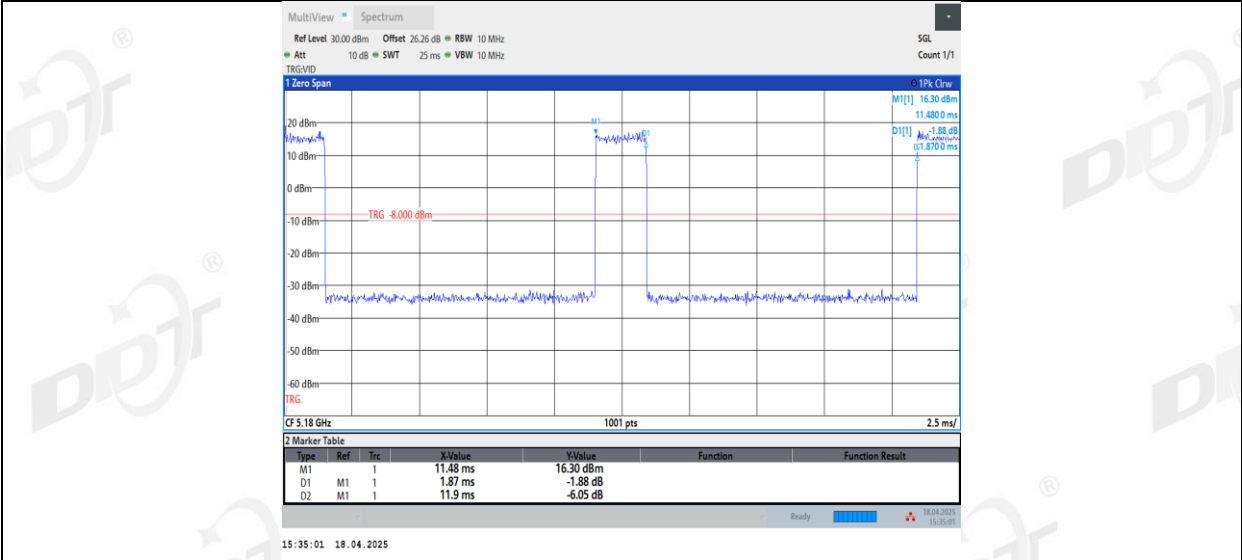
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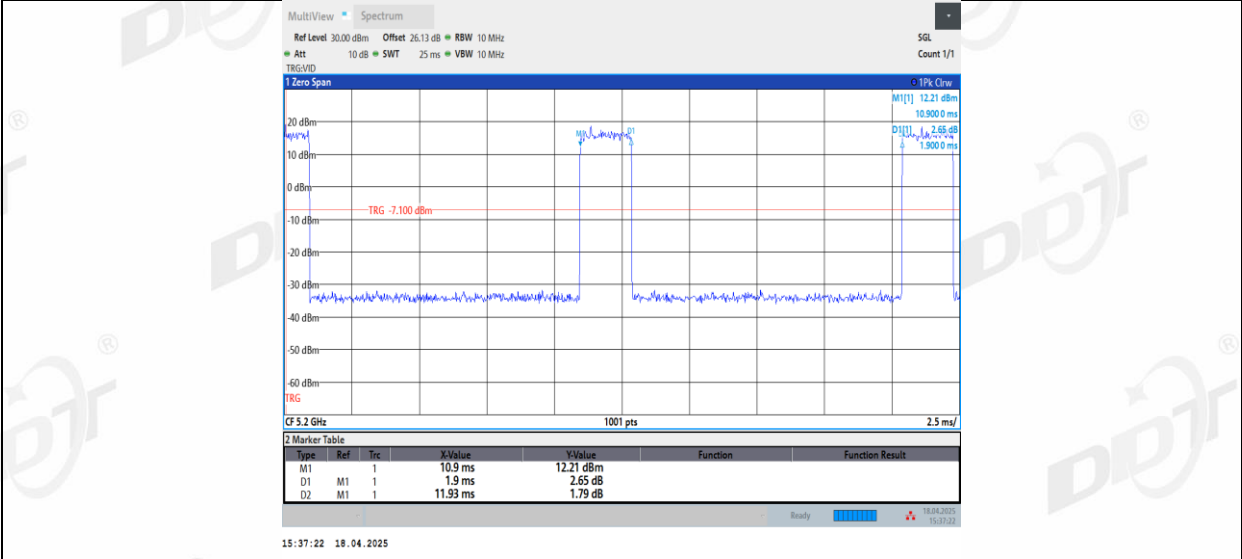
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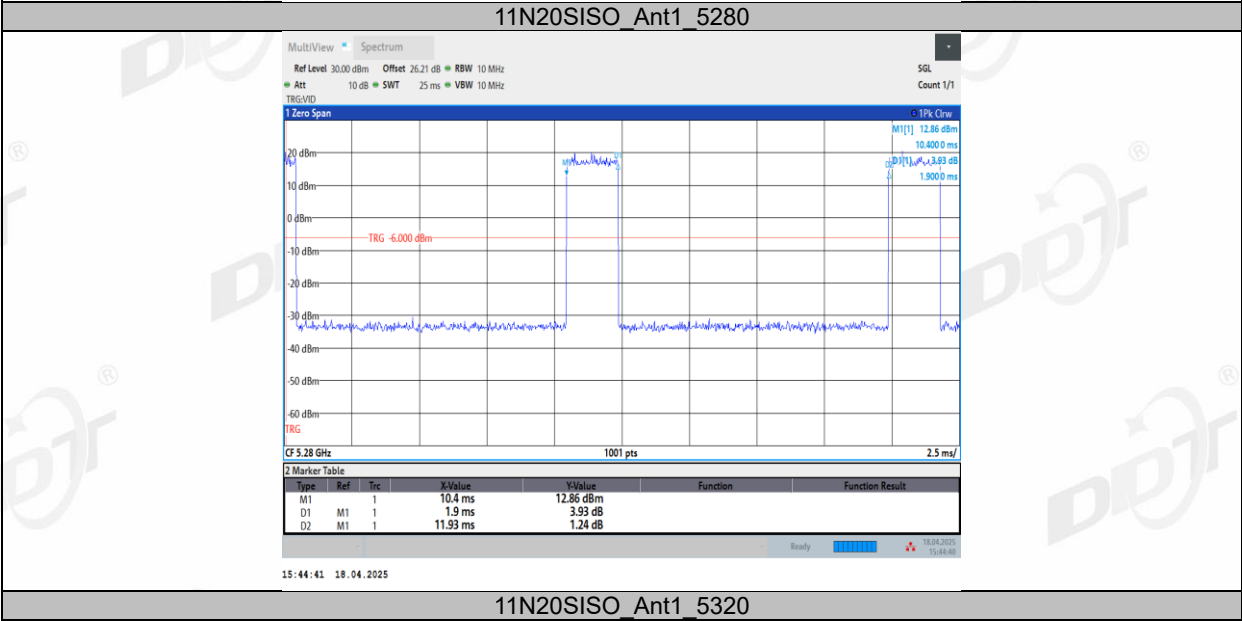
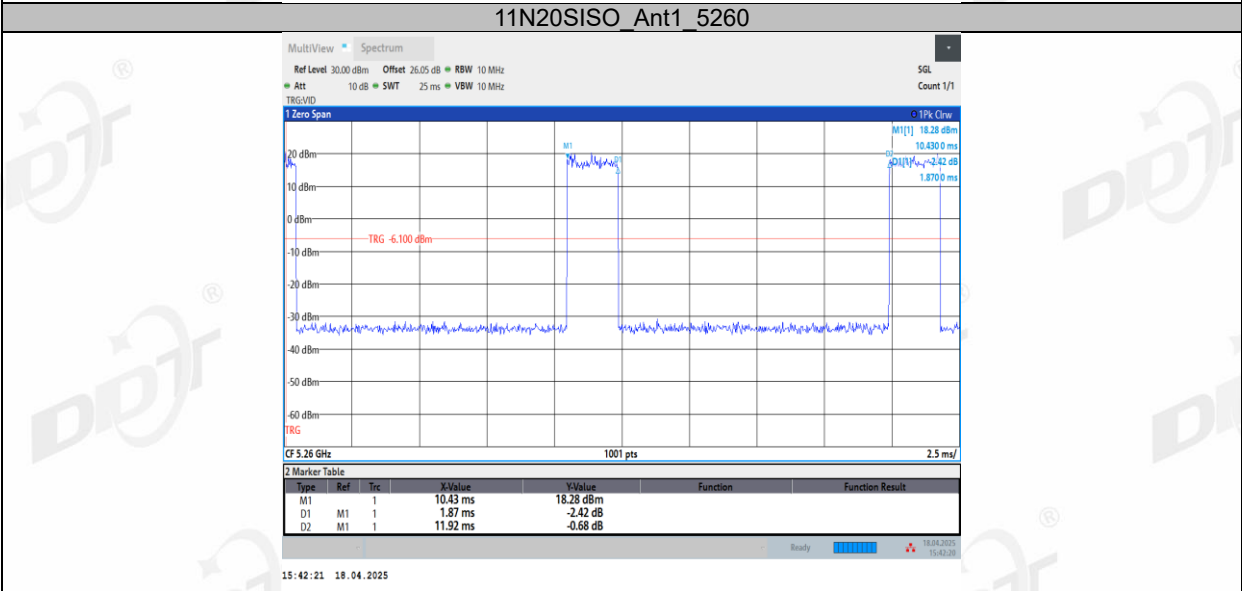
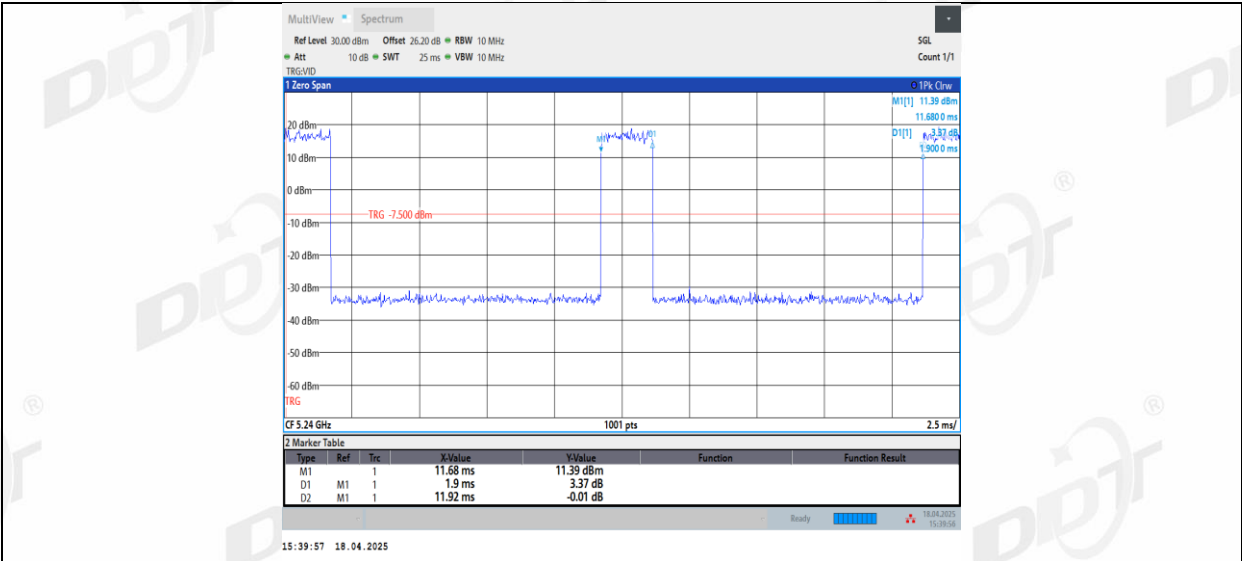
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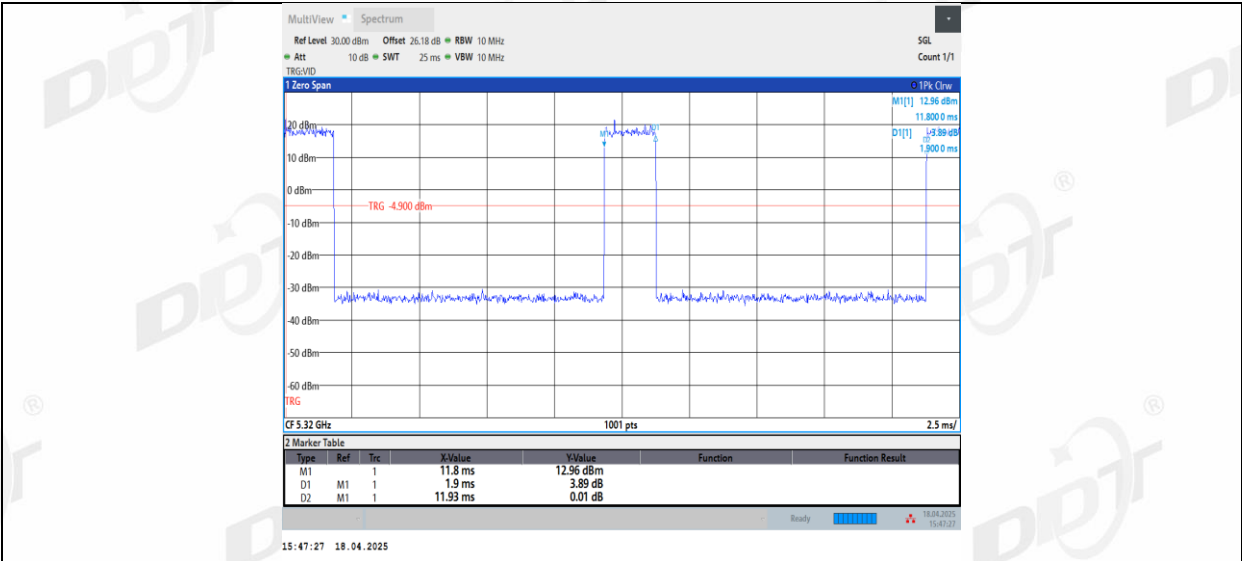


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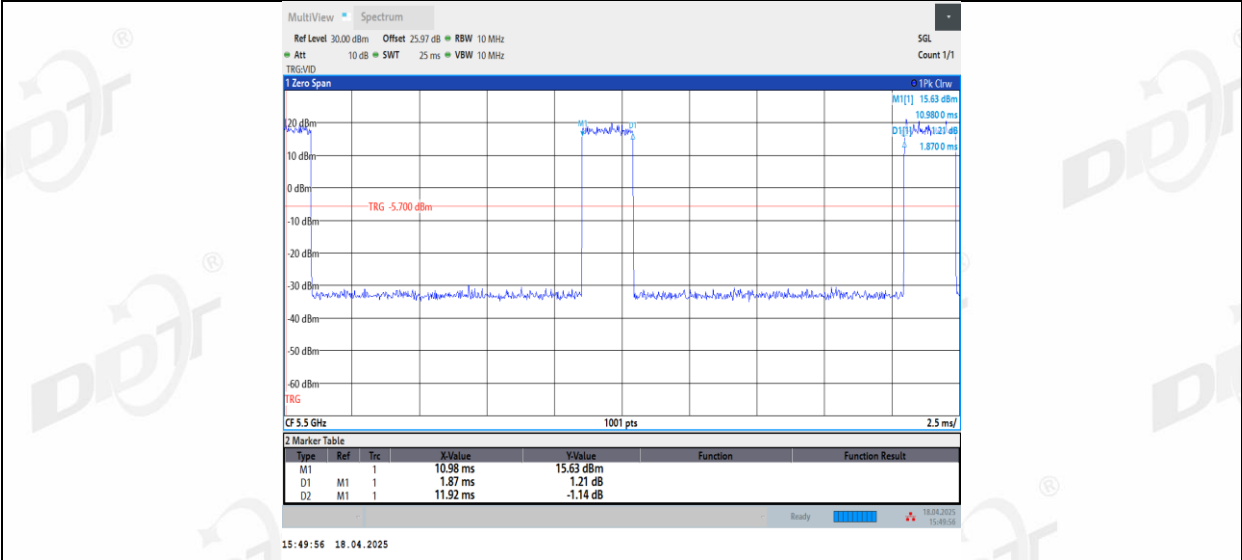


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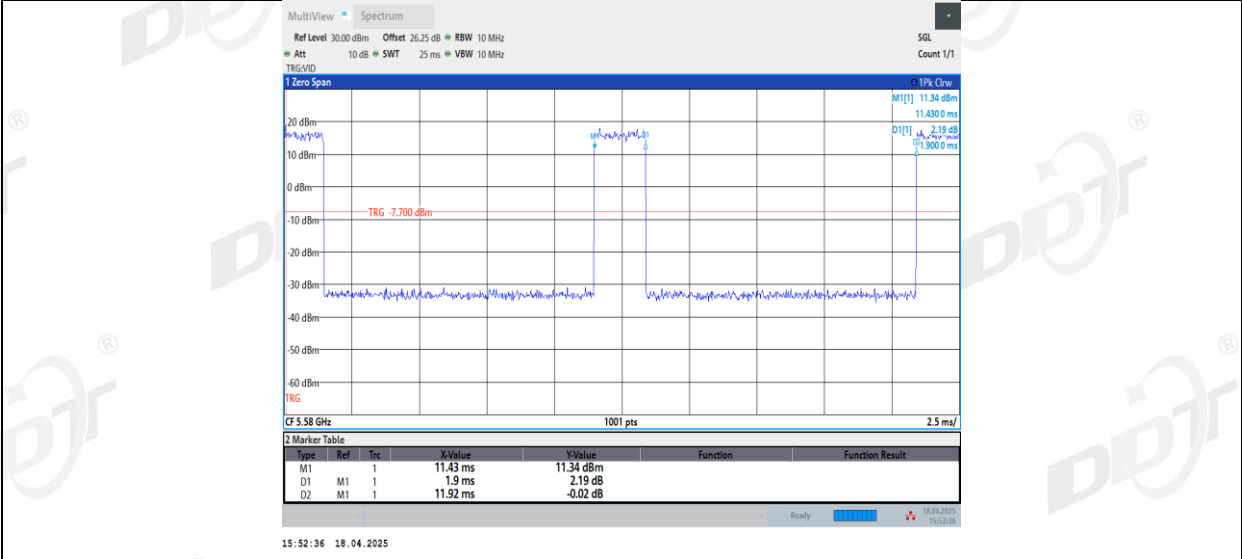




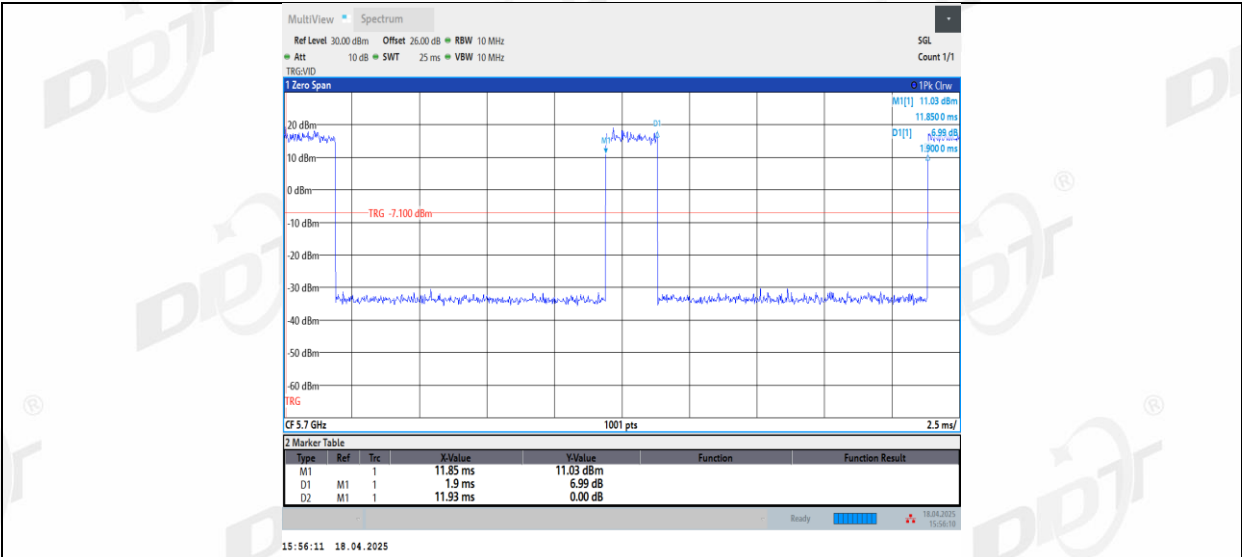
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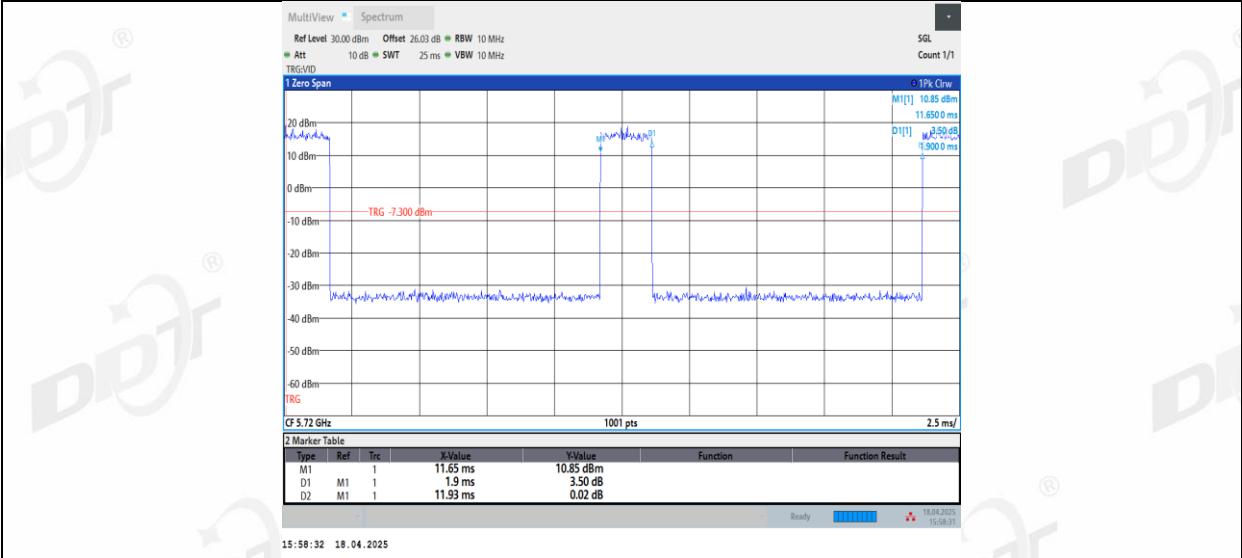
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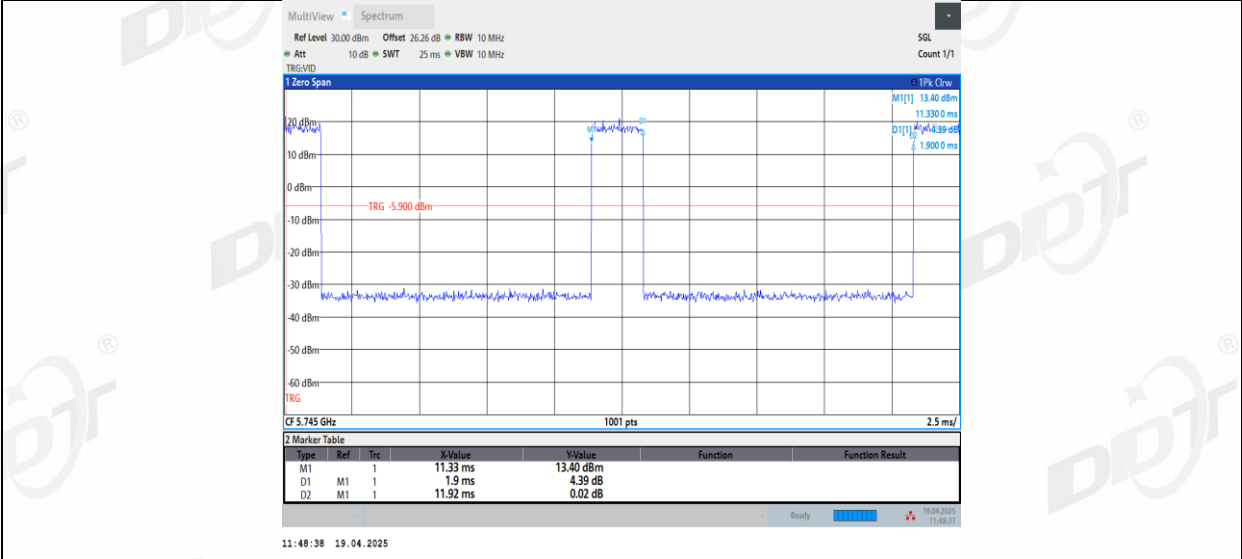
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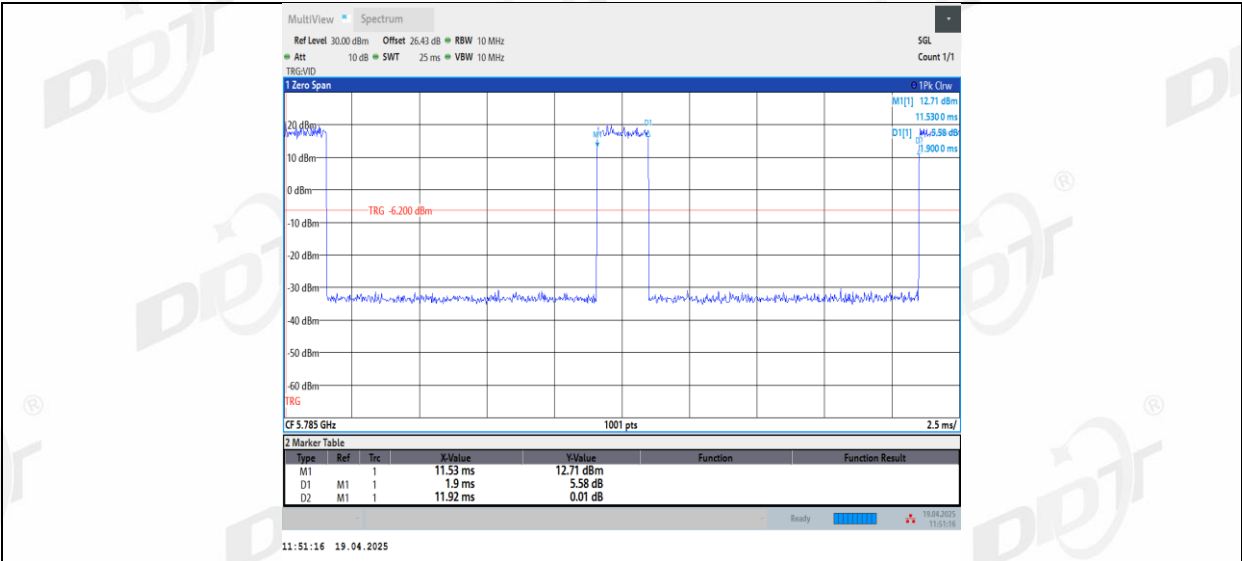
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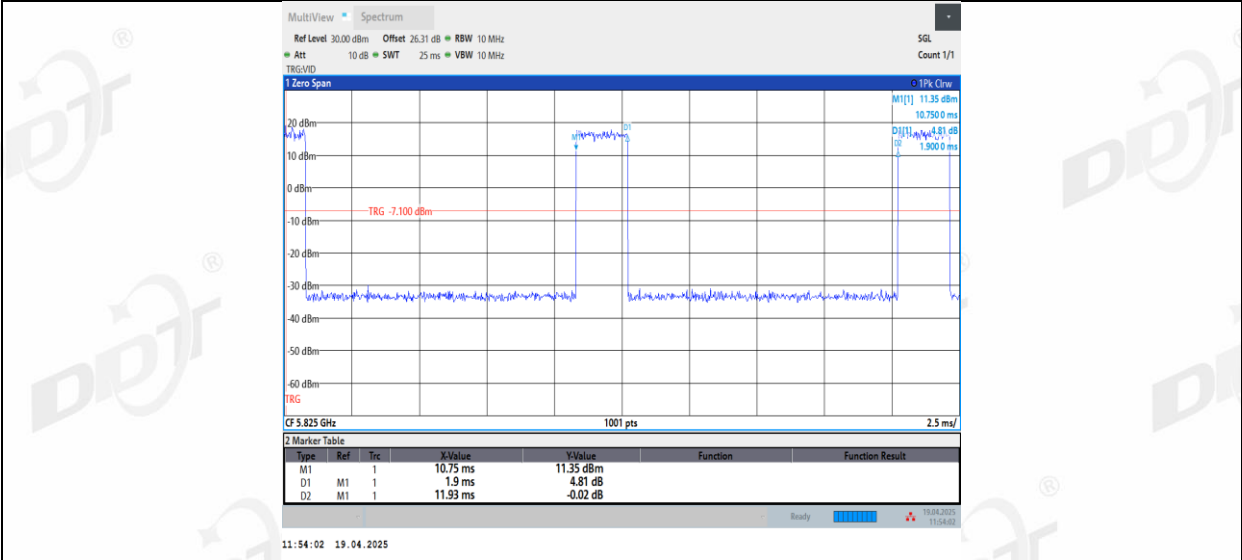
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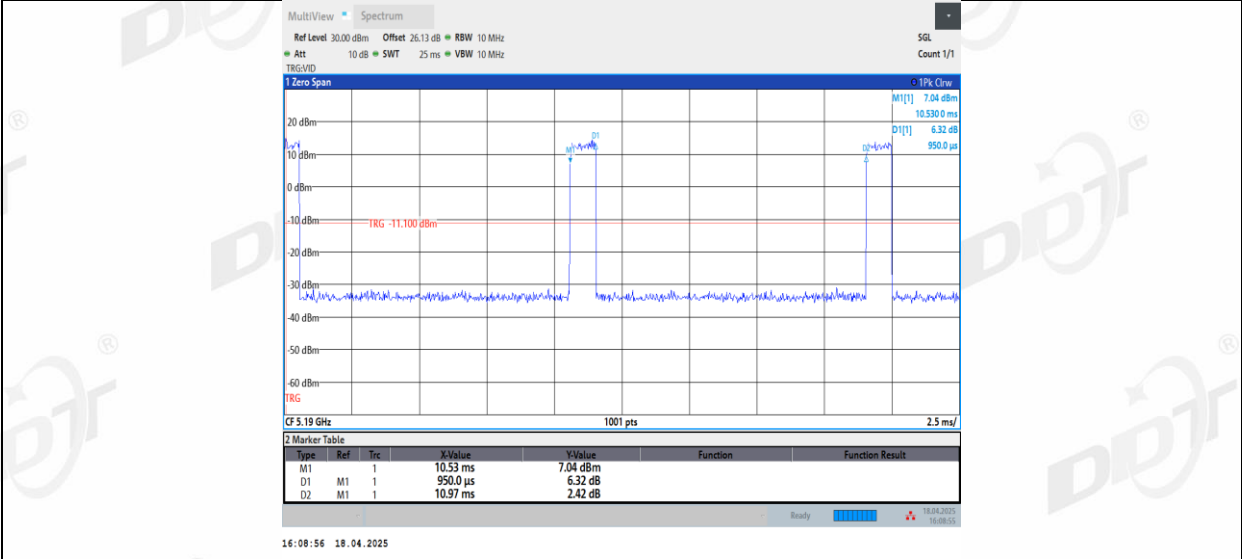
11N20SISO_Ant1_5785



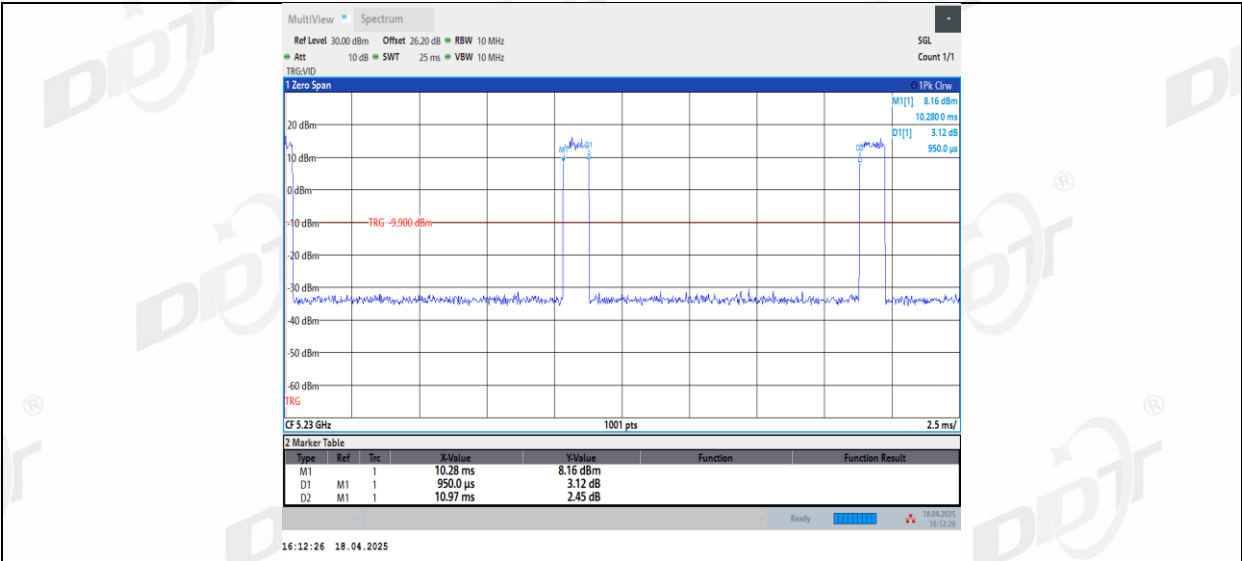
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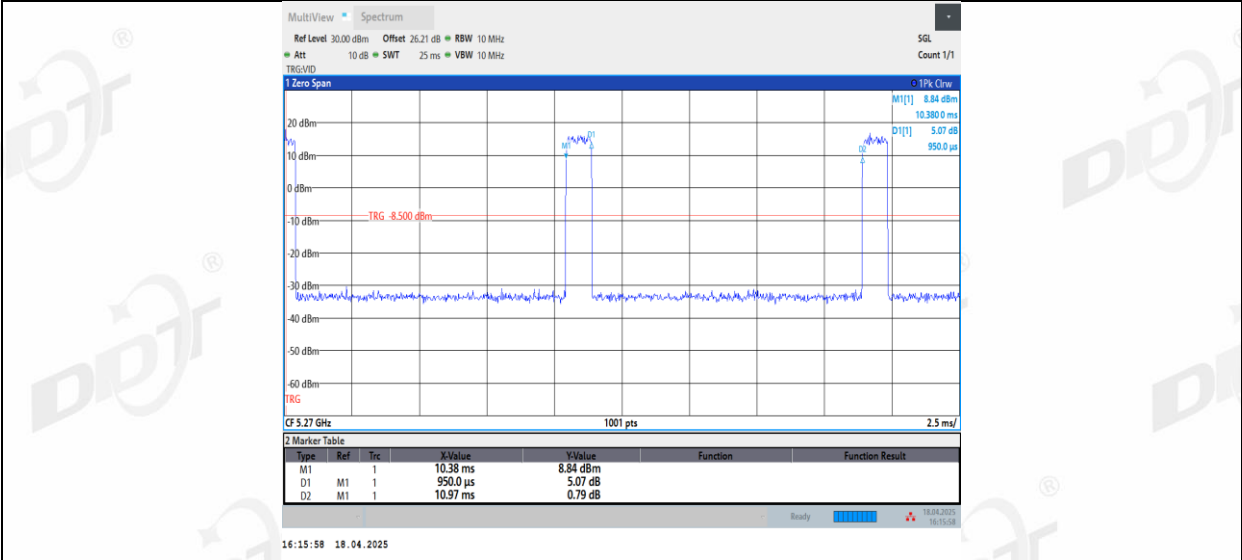
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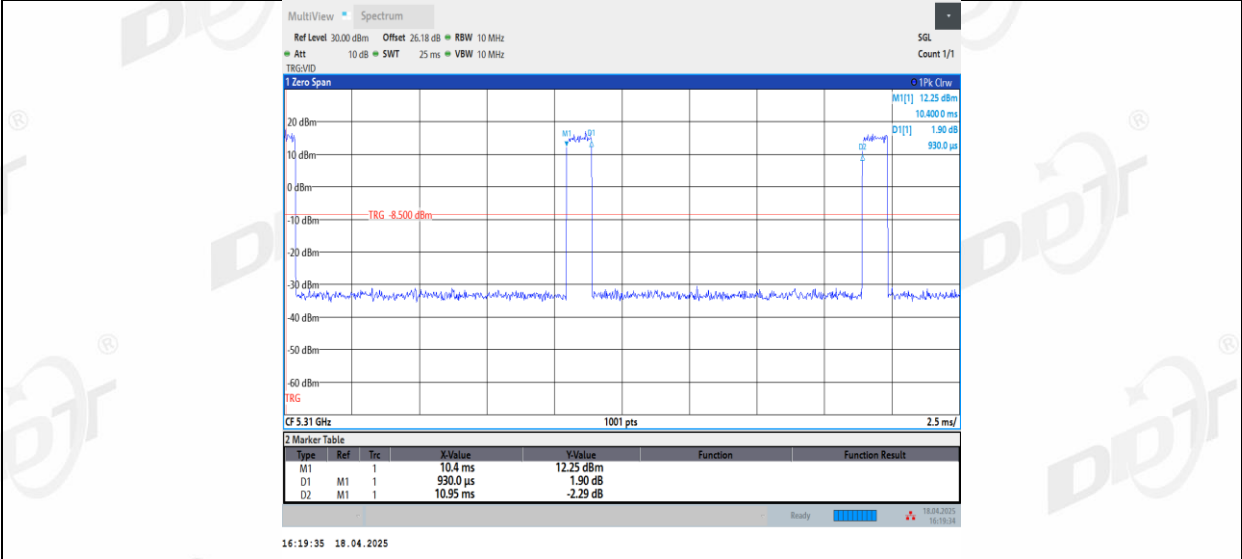
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11N40SISO_Ant1_5270

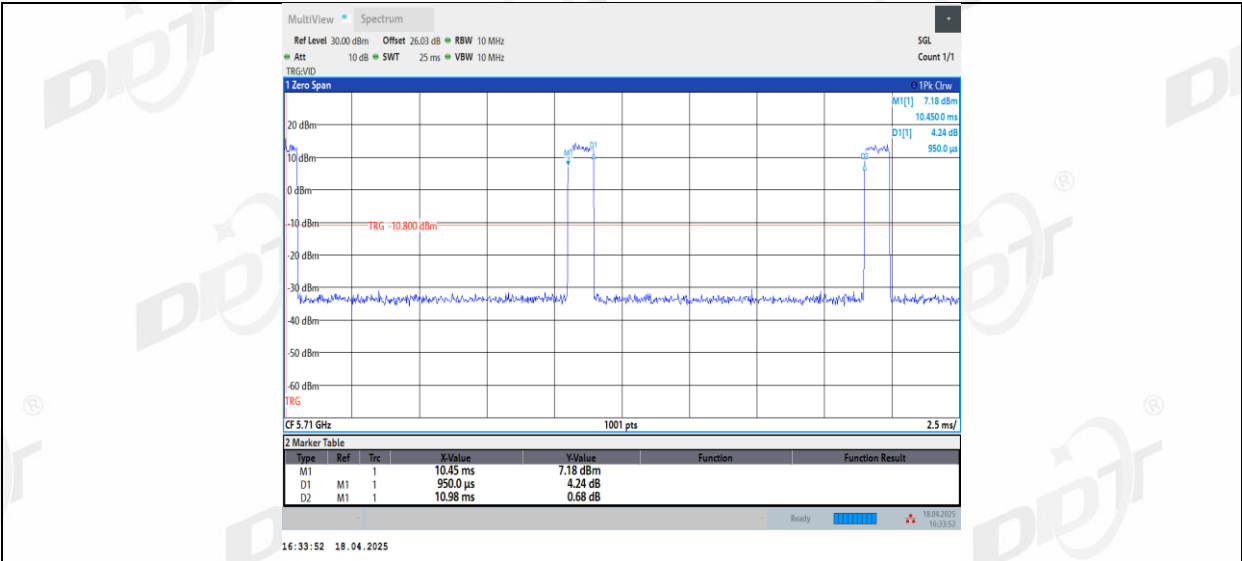


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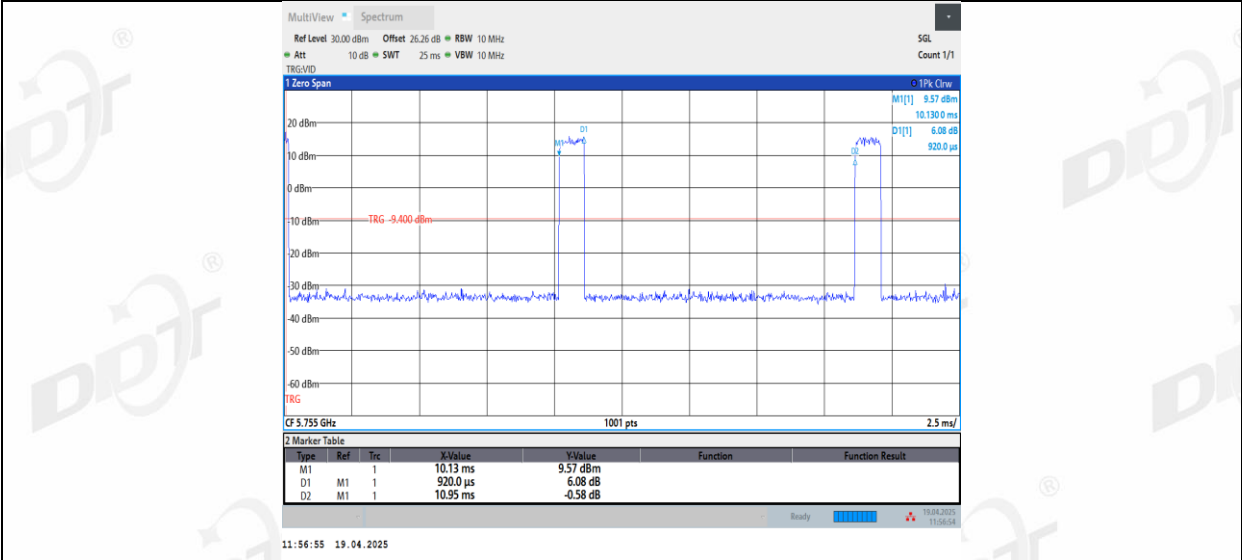


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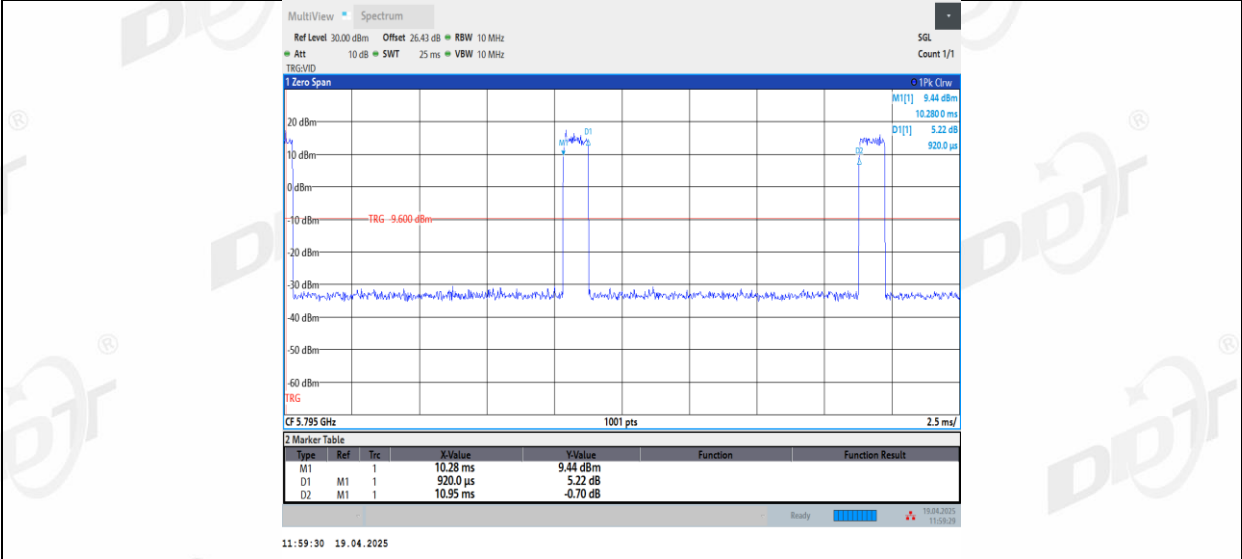




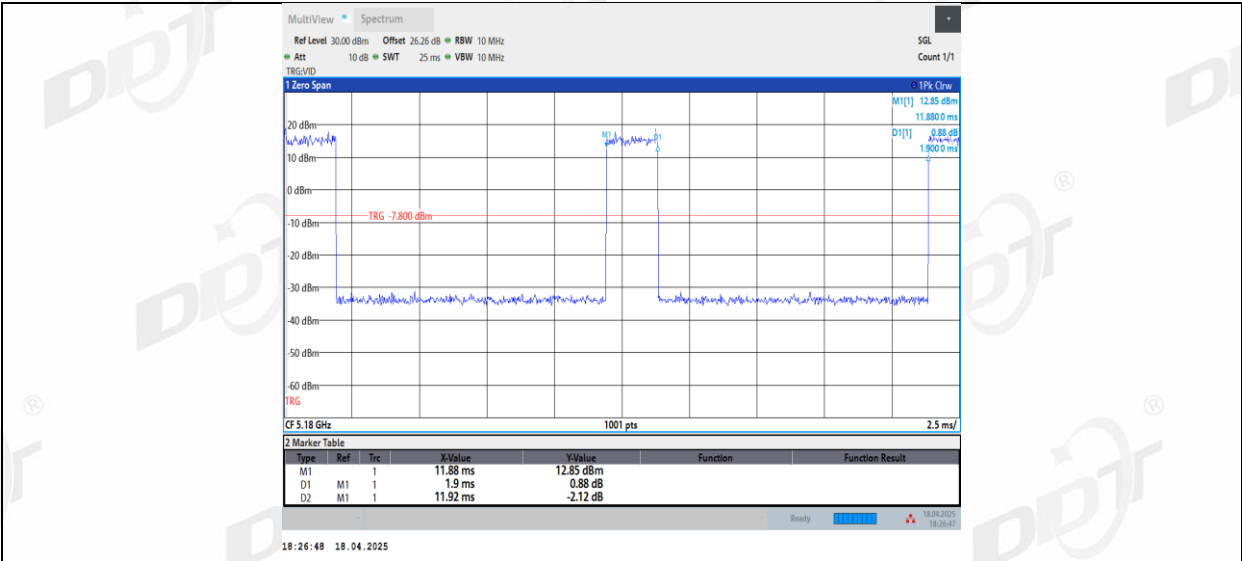
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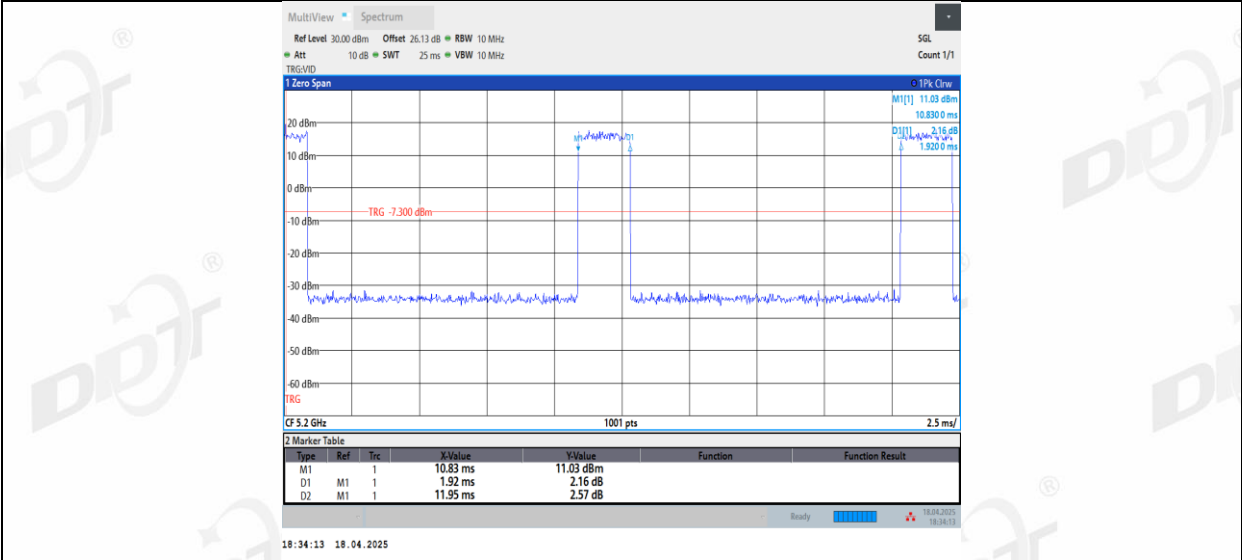
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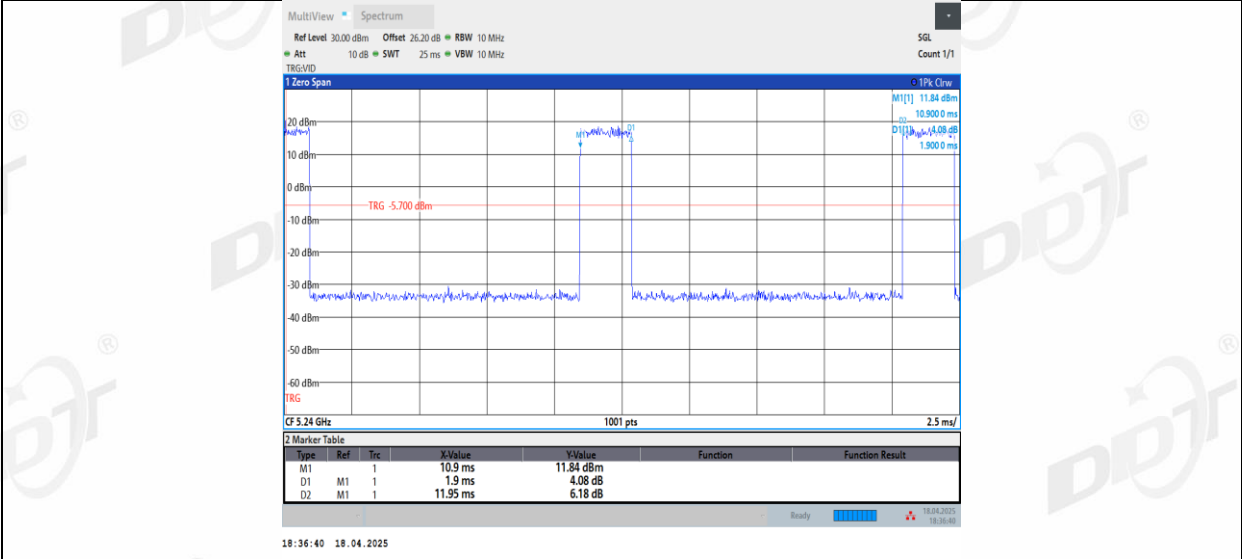
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5260

