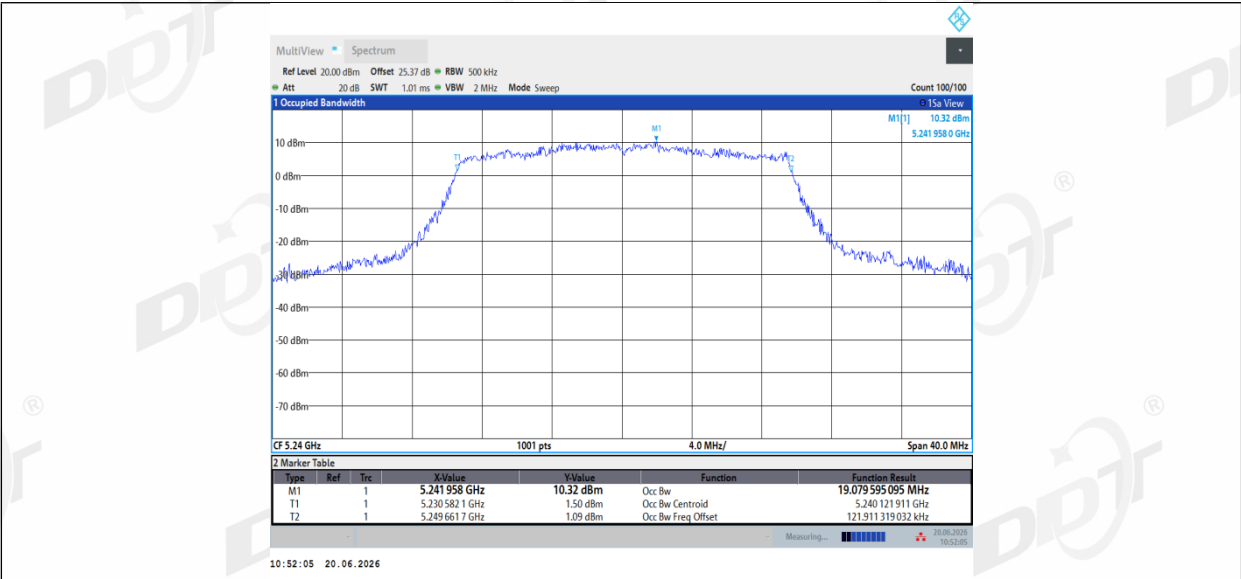
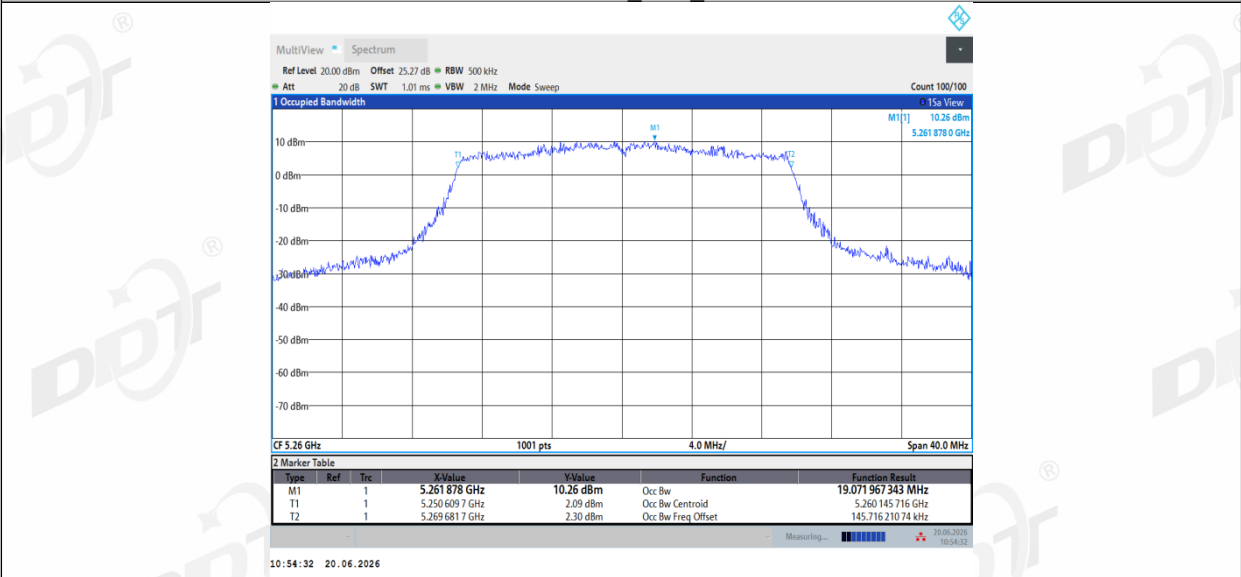
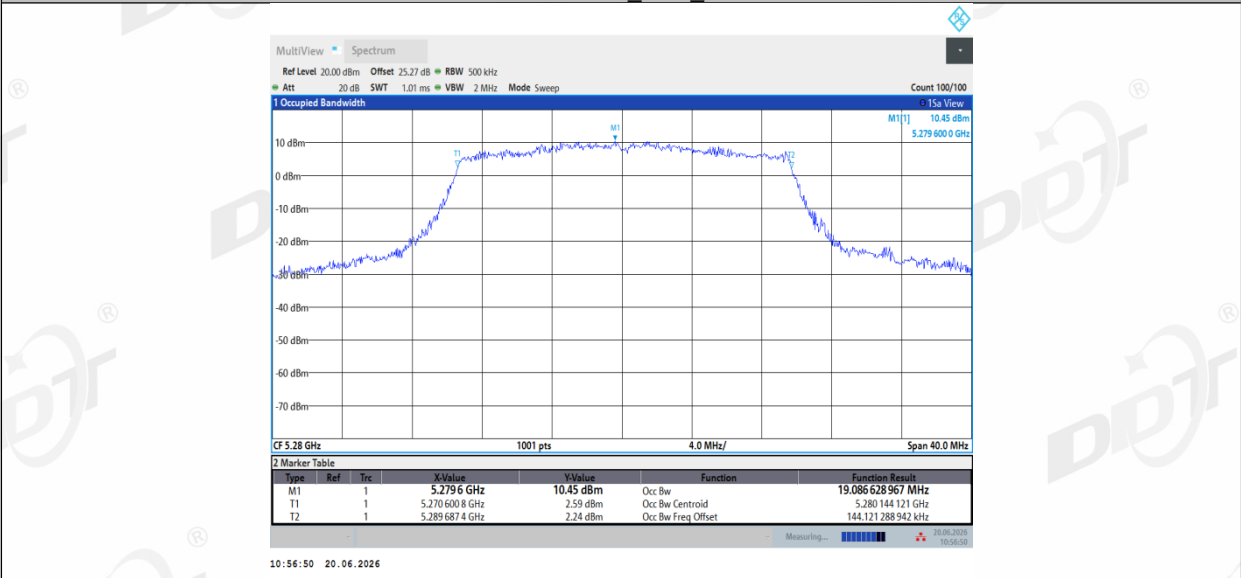




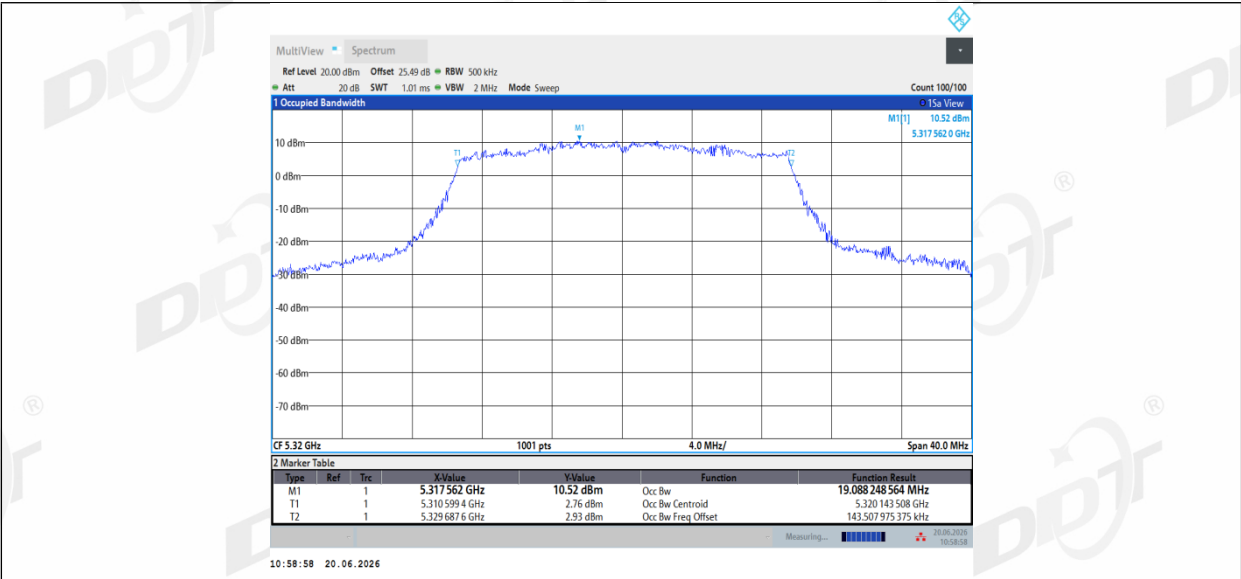
11AX20SISO_Ant1_5260



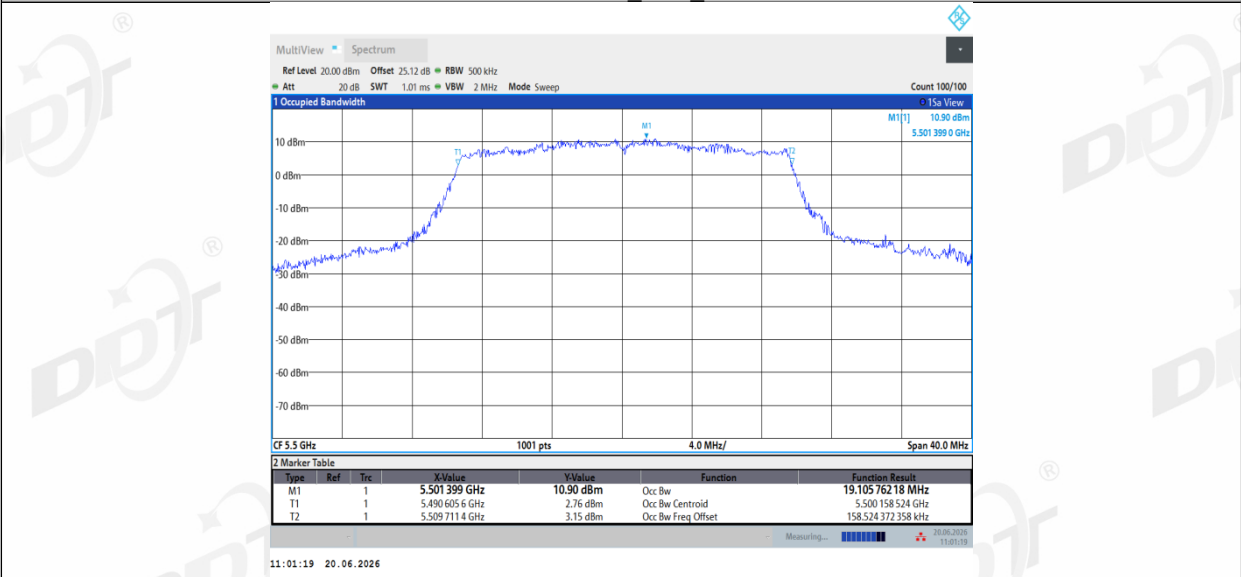
11AX20SISO_Ant1_5280



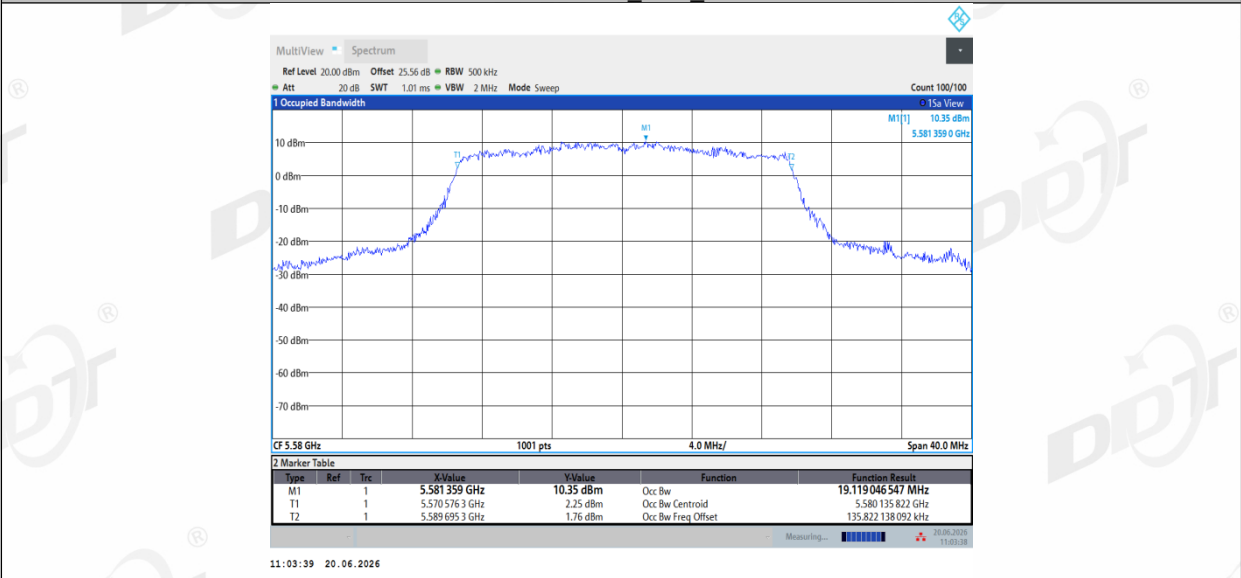
11AX20SISO_Ant1_5320



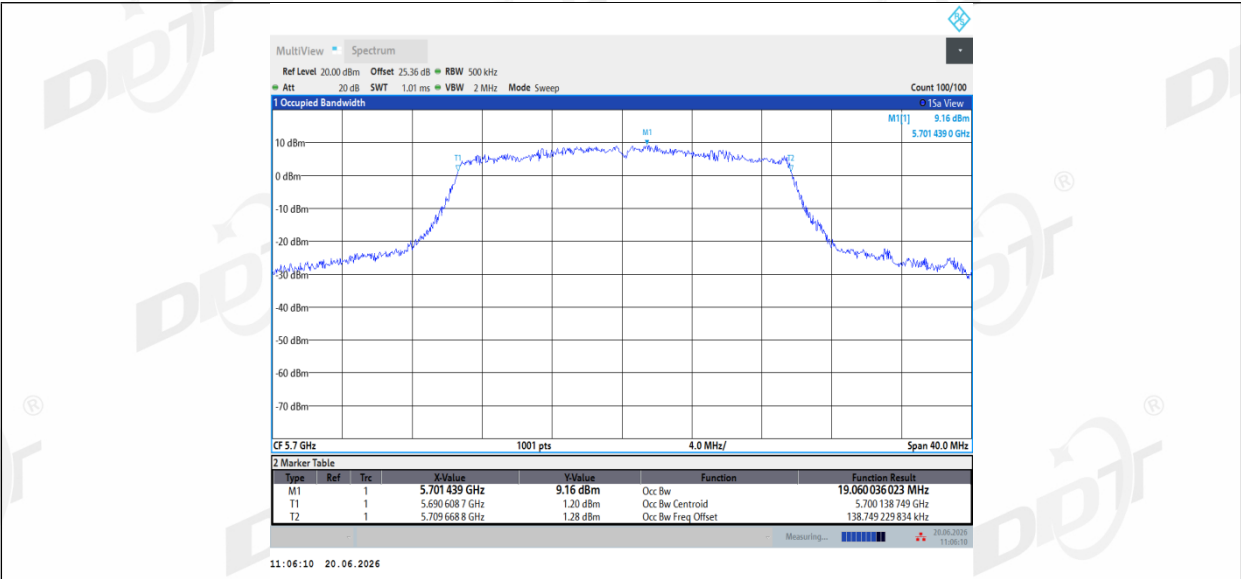
11AX20SISO_Ant1_5500



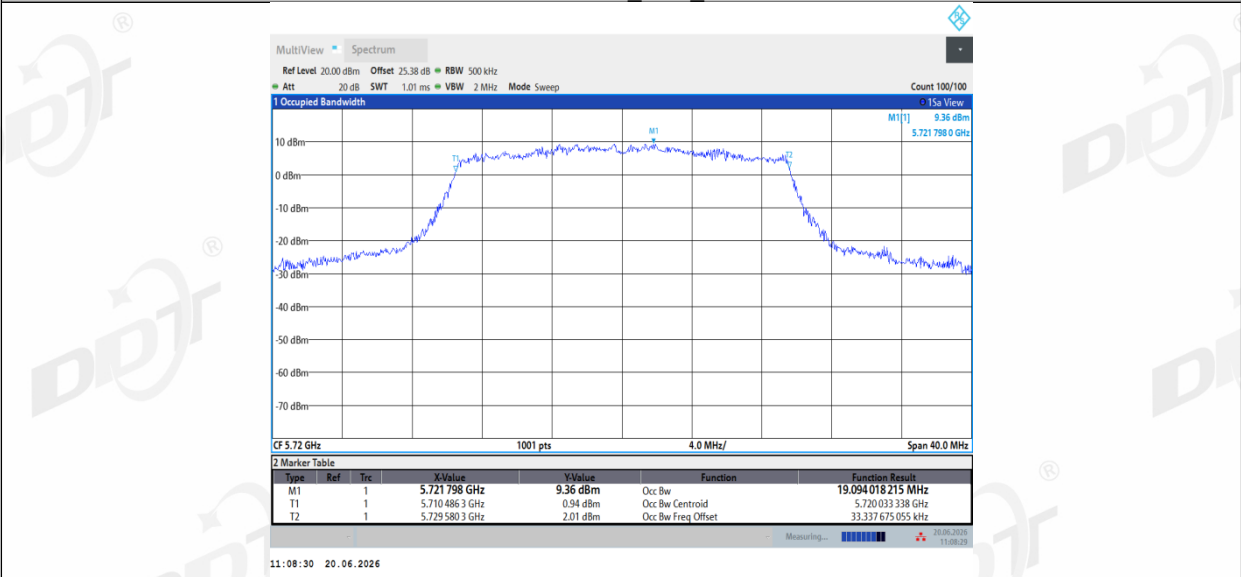
11AX20SISO_Ant1_5580



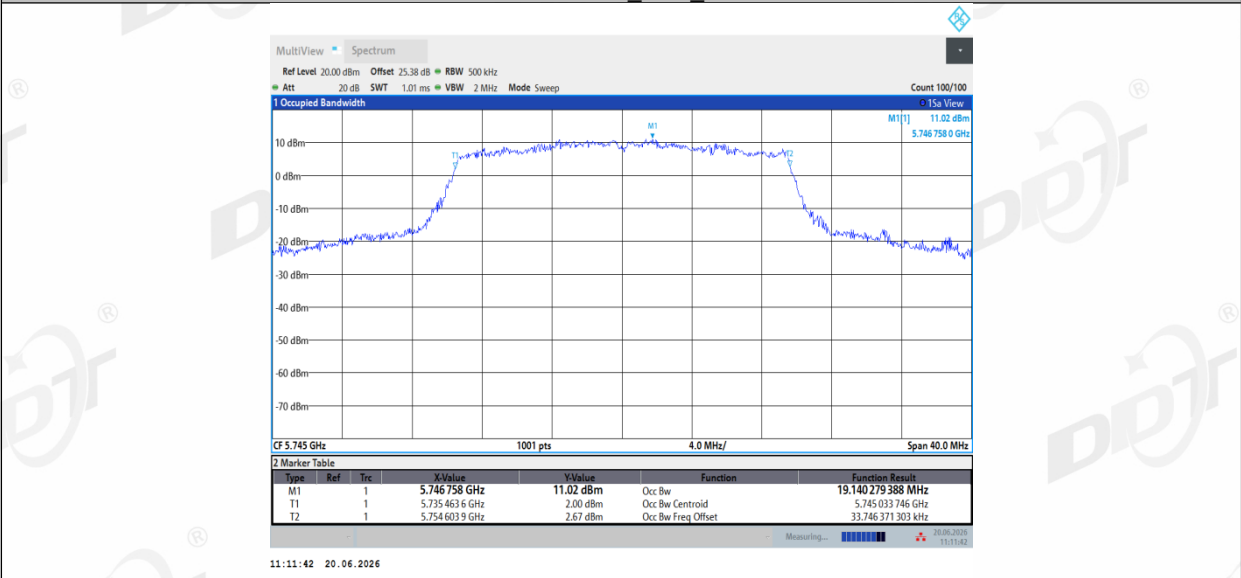
11AX20SISO_Ant1_5700



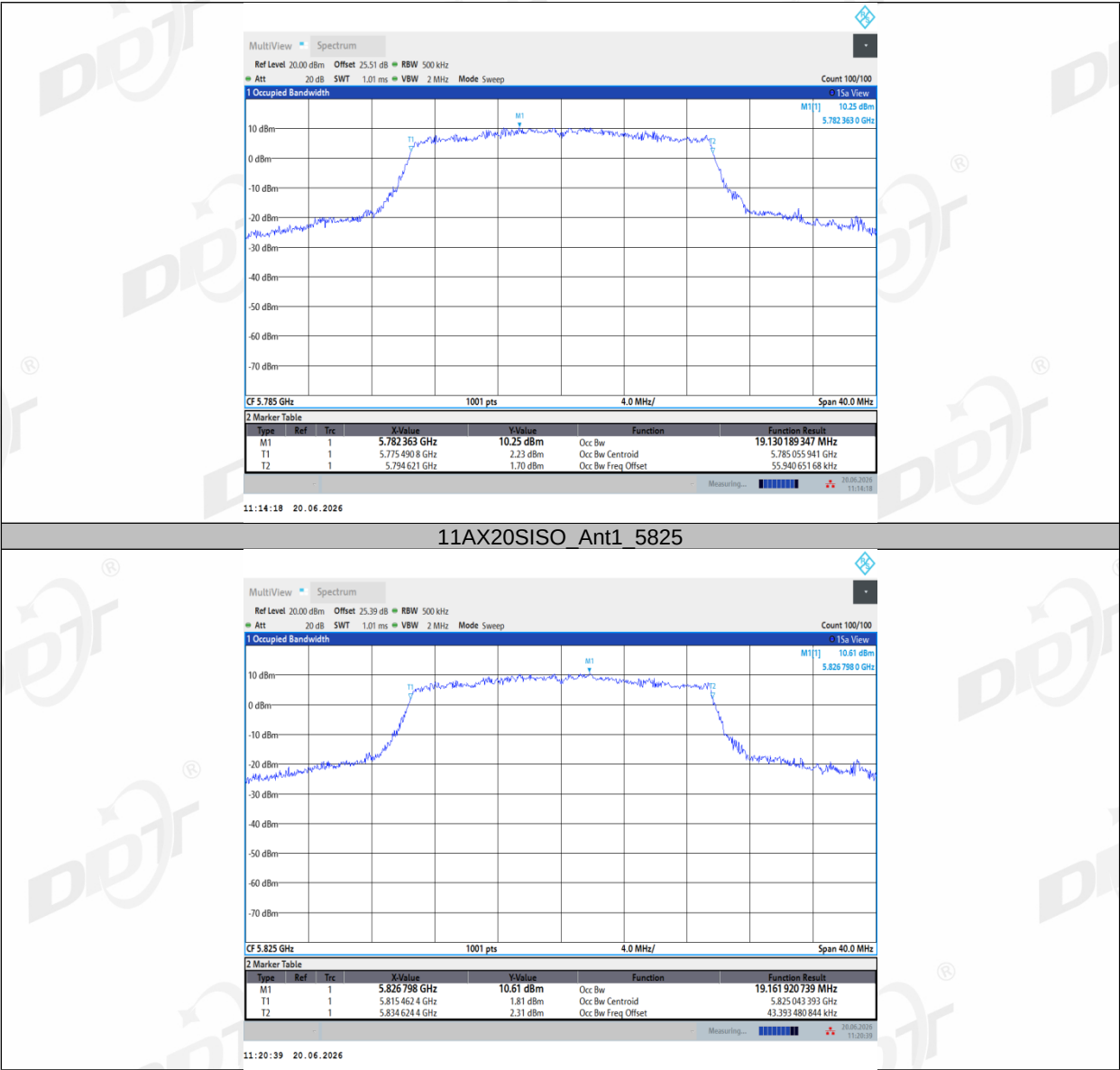
11AX20SISO_Ant1_5720



11AX20SISO_Ant1_5745

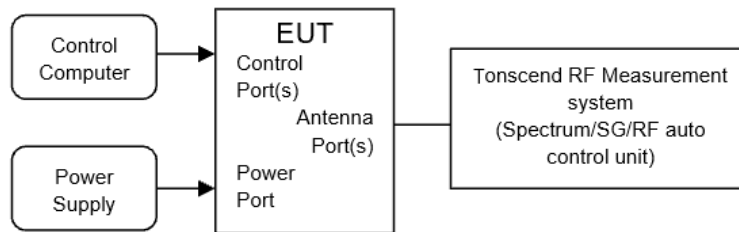


11AX20SISO_Ant1_5785



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:
$$\text{Duty cycle} = \text{Pulse's on time} / \text{Burst cycle}$$

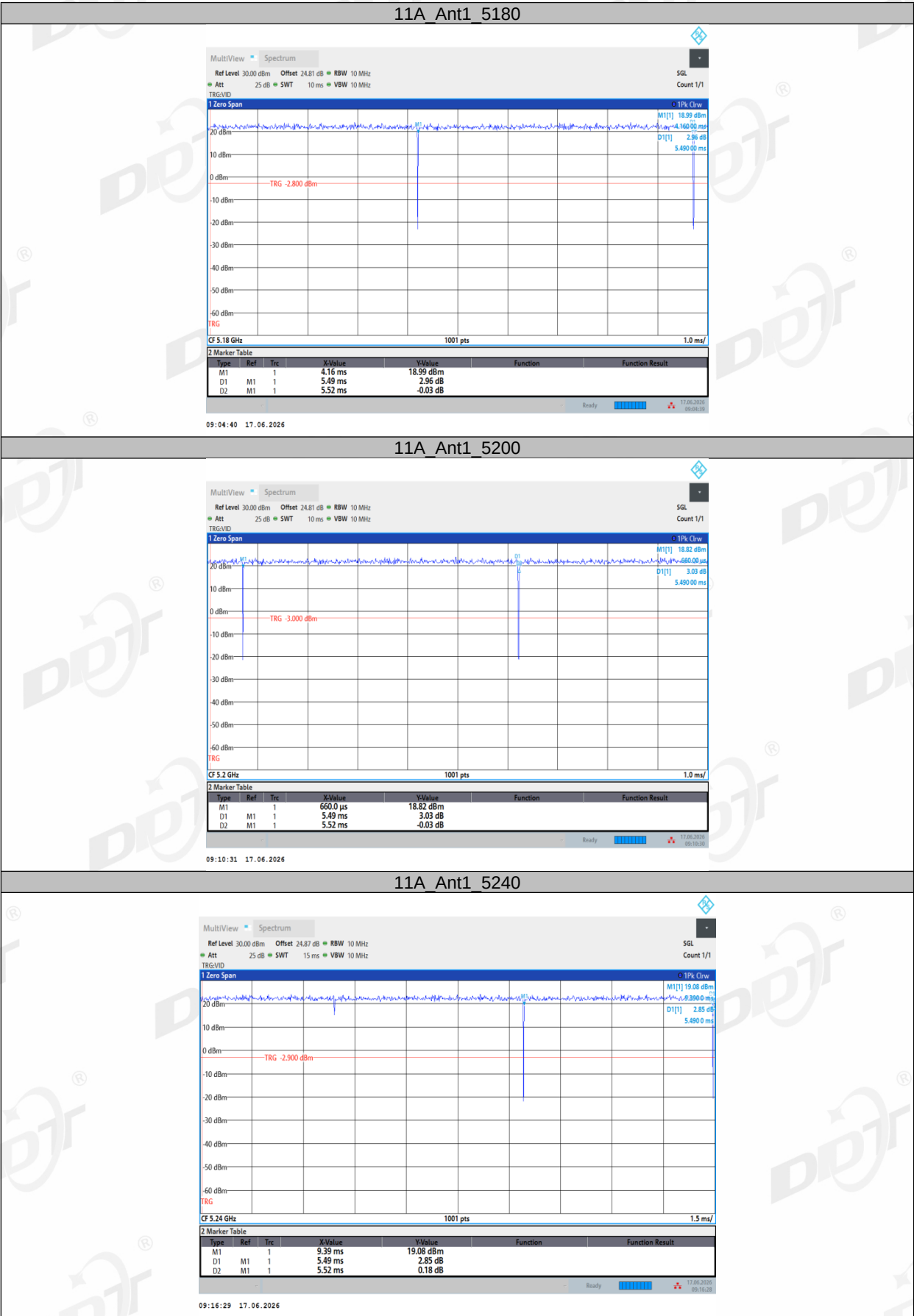
7.4. Test result

Test Engineer:	Zora Zhang	Test Site:	RF Measurement System 4#
Ambient Condition:	28.1°C,31.3%RH	Test Date:	2026.06.16-2026.06.26
Test Power Supply:	DC3.3V	Sample Number:	S26060910-001

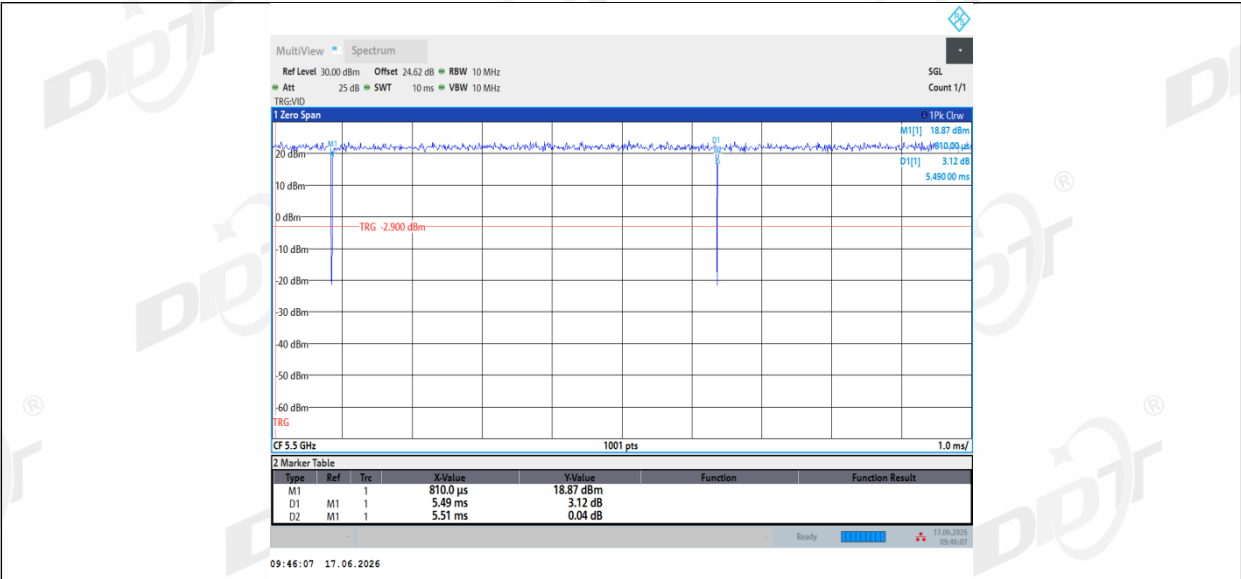
Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	5.49	5.52	99.46
		5200	5.49	5.52	99.46
		5240	5.49	5.52	99.46
		5260	5.49	5.51	99.64
		5280	5.49	5.52	99.46
		5320	5.49	5.52	99.46
		5500	5.49	5.51	99.64
		5580	5.48	5.51	99.46
		5700	5.49	5.52	99.46
		5720	5.48	5.51	99.46
		5745	5.49	5.51	99.64
		5785	5.49	5.52	99.46
		5825	5.49	5.52	99.46
11N20SISO	Ant1	5180	5.08	5.11	99.41
		5200	5.08	5.11	99.41
		5240	5.09	5.12	99.41
		5260	5.08	5.11	99.41
		5280	5.08	5.11	99.41
		5320	5.08	5.11	99.41
		5500	5.09	5.12	99.41
		5580	5.08	5.11	99.41
		5700	5.08	5.11	99.41
		5720	5.08	5.11	99.41
		5745	5.08	5.11	99.41
		5785	5.08	5.11	99.41
		5825	5.08	5.11	99.41
11N40SISO	Ant1	5190	2.48	2.50	99.20
		5230	2.47	2.50	98.80
		5270	2.47	2.50	98.80
		5310	2.47	2.50	98.80
		5510	2.47	2.50	98.80
		5550	2.47	2.50	98.80
		5670	2.47	2.50	98.80
		5710	2.47	2.50	98.80
		5755	2.47	2.50	98.80
		5795	2.47	2.50	98.80
11AC20SISO	Ant1	5180	5.10	5.12	99.61
		5200	5.10	5.12	99.61
		5240	5.10	5.12	99.61
		5260	5.10	5.12	99.61
		5280	5.09	5.12	99.41
		5320	5.09	5.12	99.41
		5500	5.10	5.13	99.42
		5580	5.10	5.13	99.42
		5700	5.09	5.12	99.41
		5720	5.10	5.12	99.61
		5745	10.22	10.25	99.71
		5785	5.10	5.13	99.42
		5825	5.09	5.12	99.41
11AX20SISO	Ant1	5180	3.88	3.91	99.23
		5200	3.87	3.90	99.23
		5240	3.87	3.90	99.23
		5260	3.88	3.90	99.49
		5280	3.87	3.90	99.23

		5320	3.88	3.91	99.23
		5500	3.87	3.90	99.23
		5580	3.87	3.90	99.23
		5700	3.88	3.90	99.49
		5720	3.87	3.90	99.23
		5745	3.87	3.90	99.23
		5785	3.87	3.90	99.23
		5825	3.87	3.90	99.23

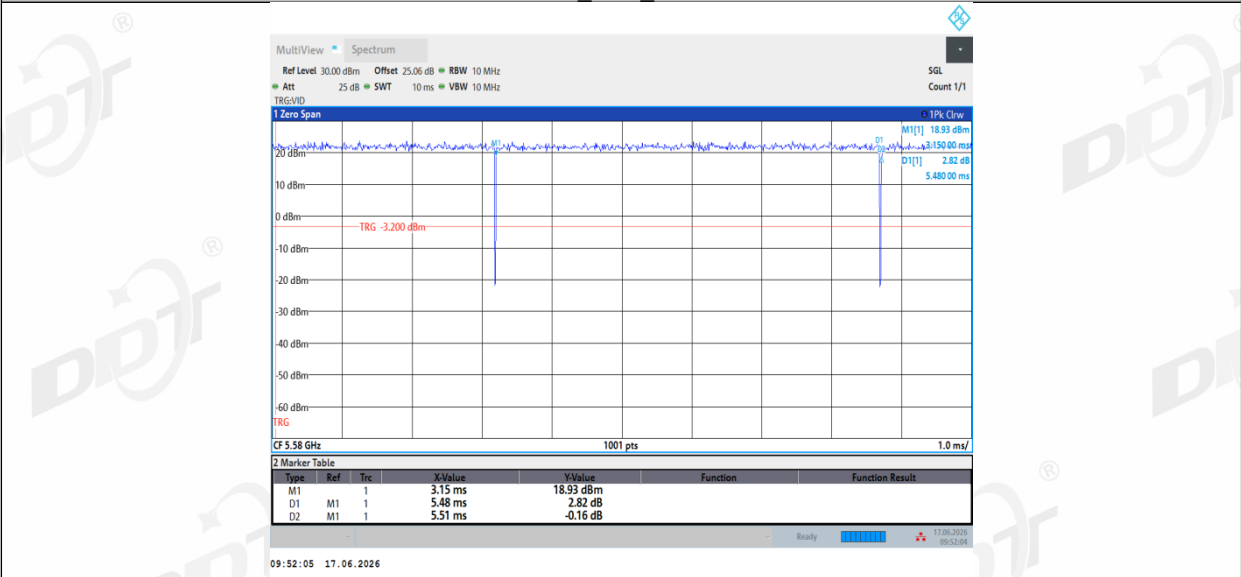
7.5. Test graphs



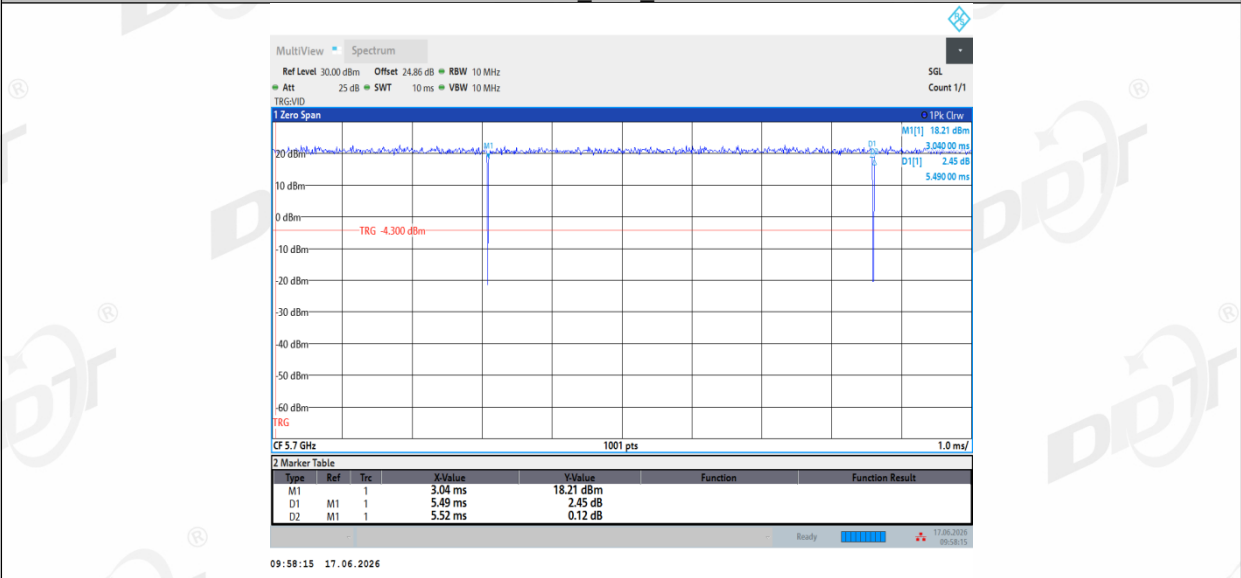




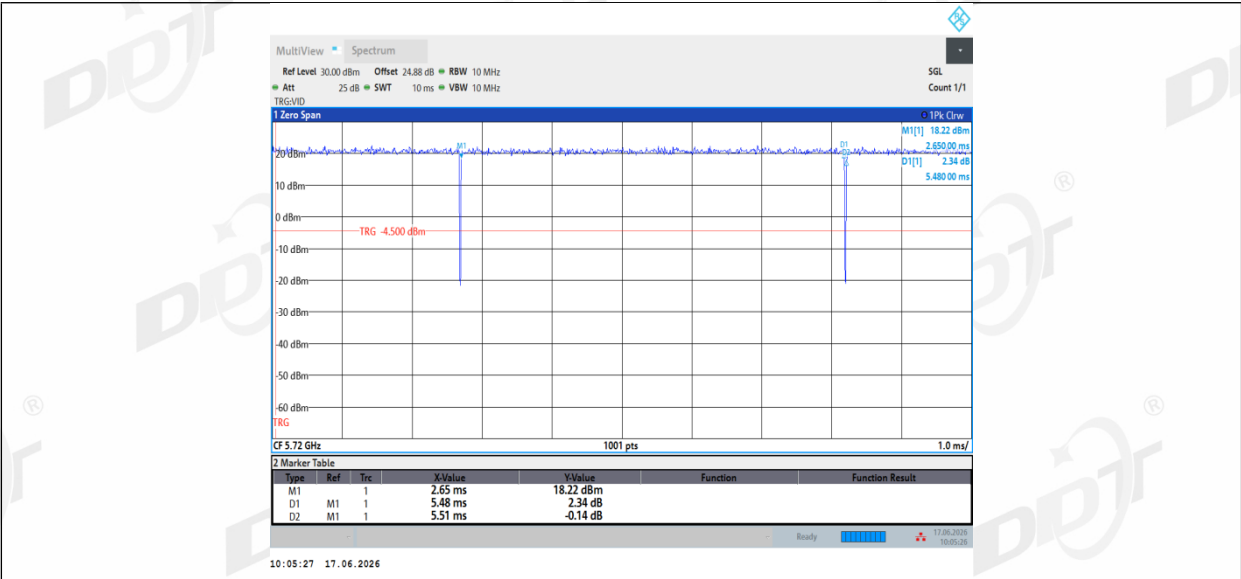
11A_Ant1_5580



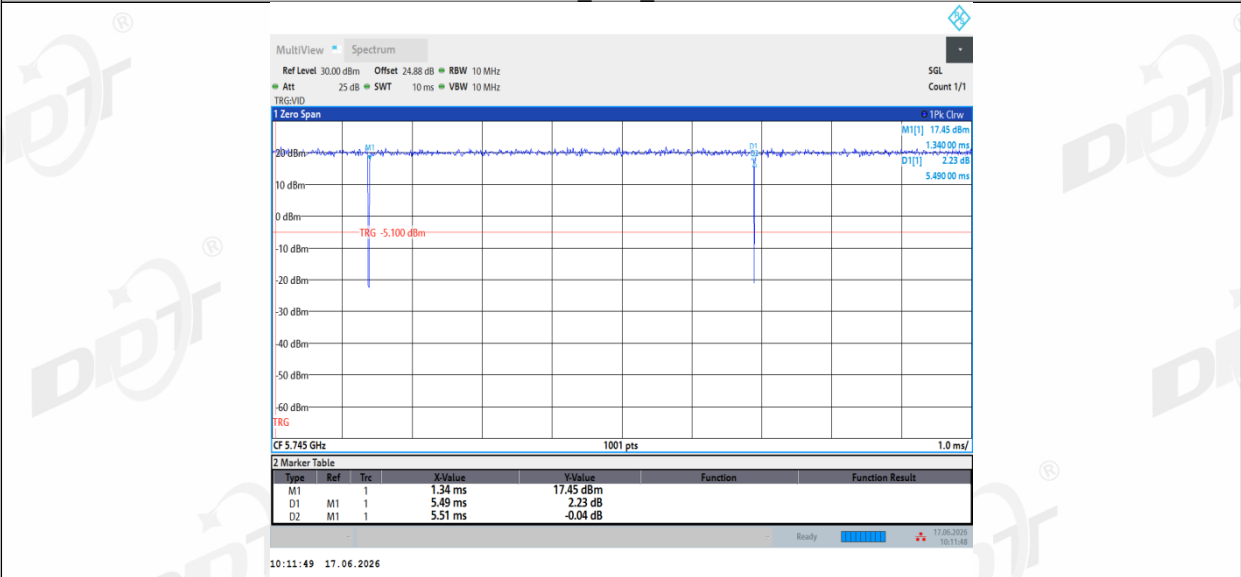
11A_Ant1_5700



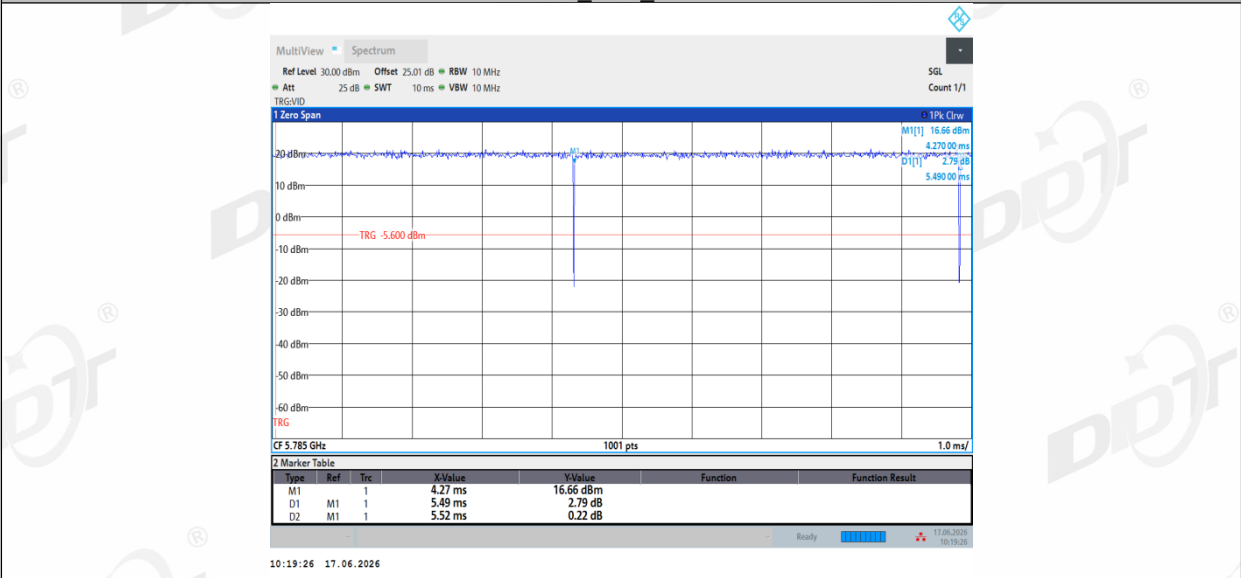
11A_Ant1_5720



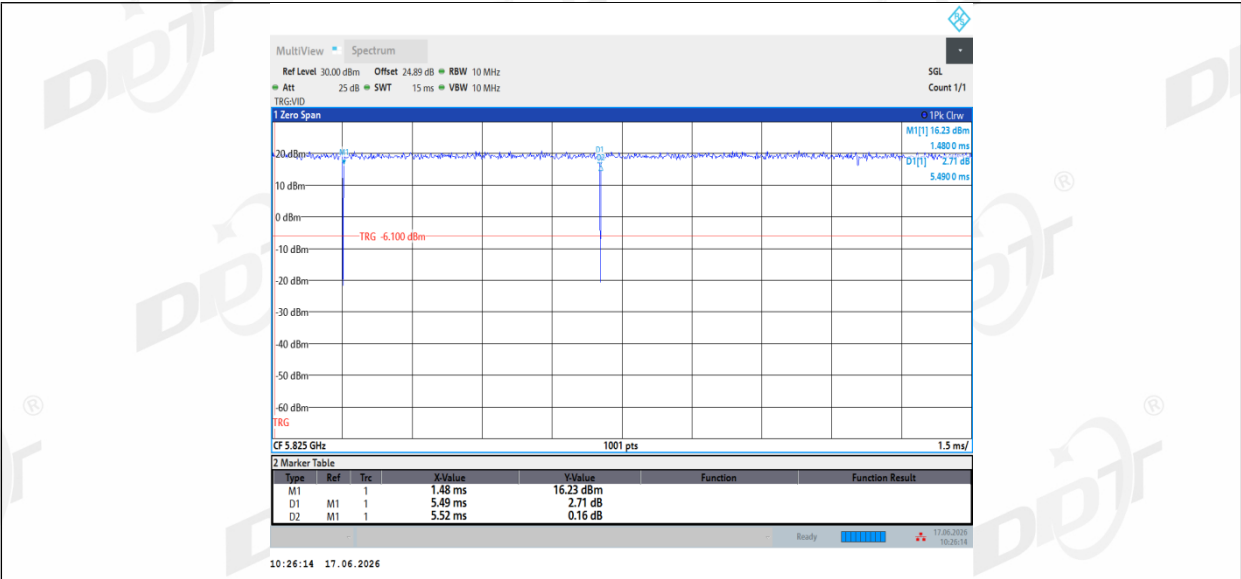
11A_Ant1_5745



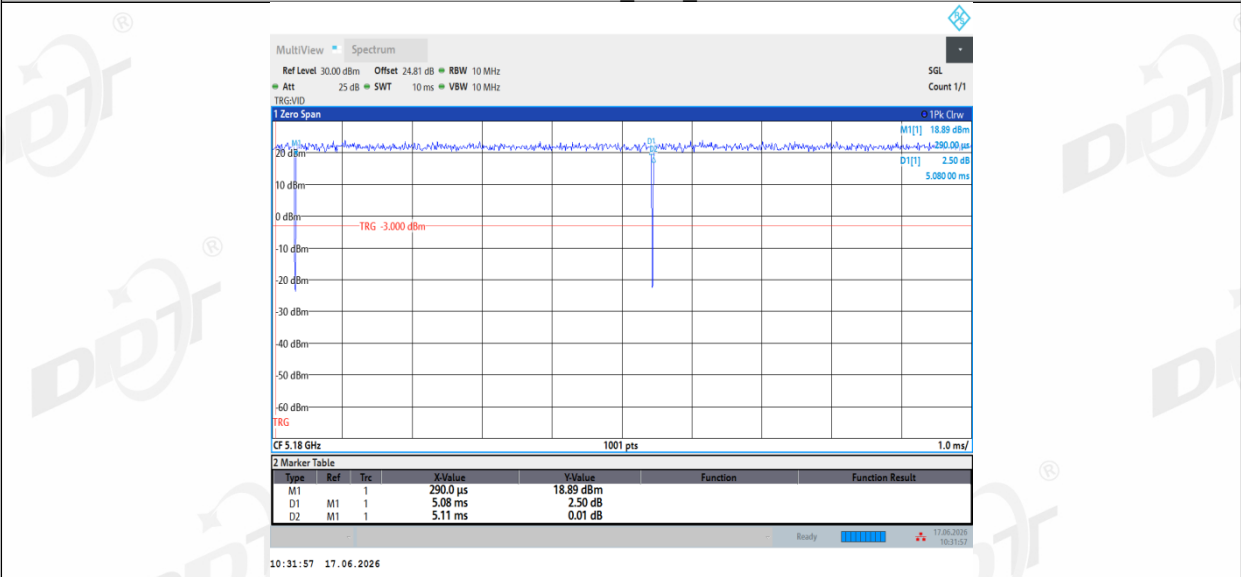
11A_Ant1_5785



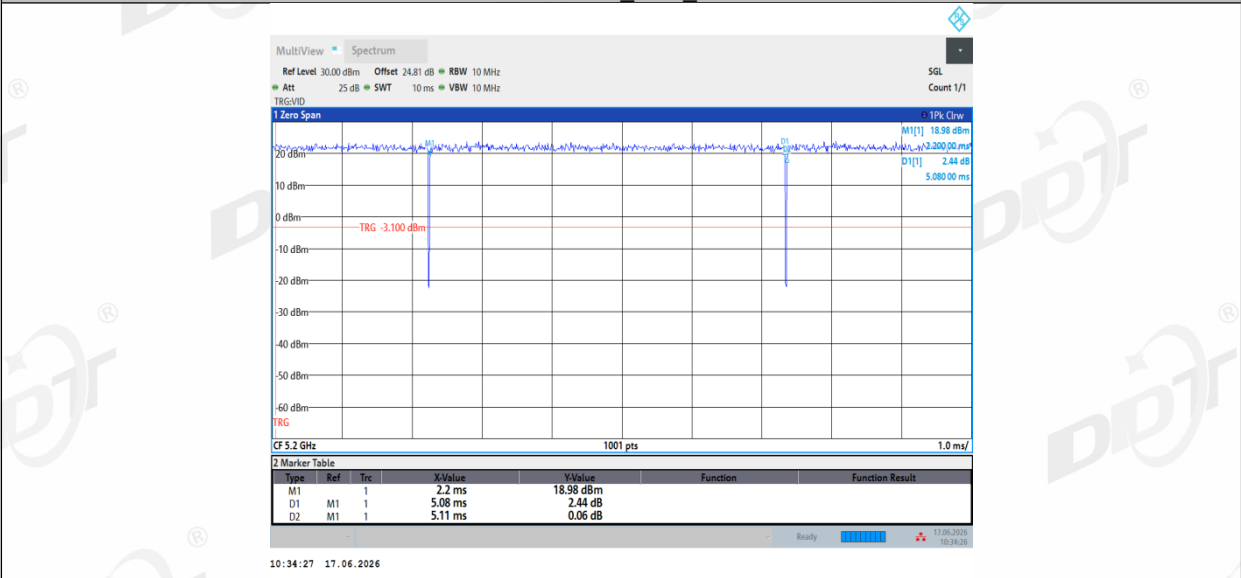
11A_Ant1_5825



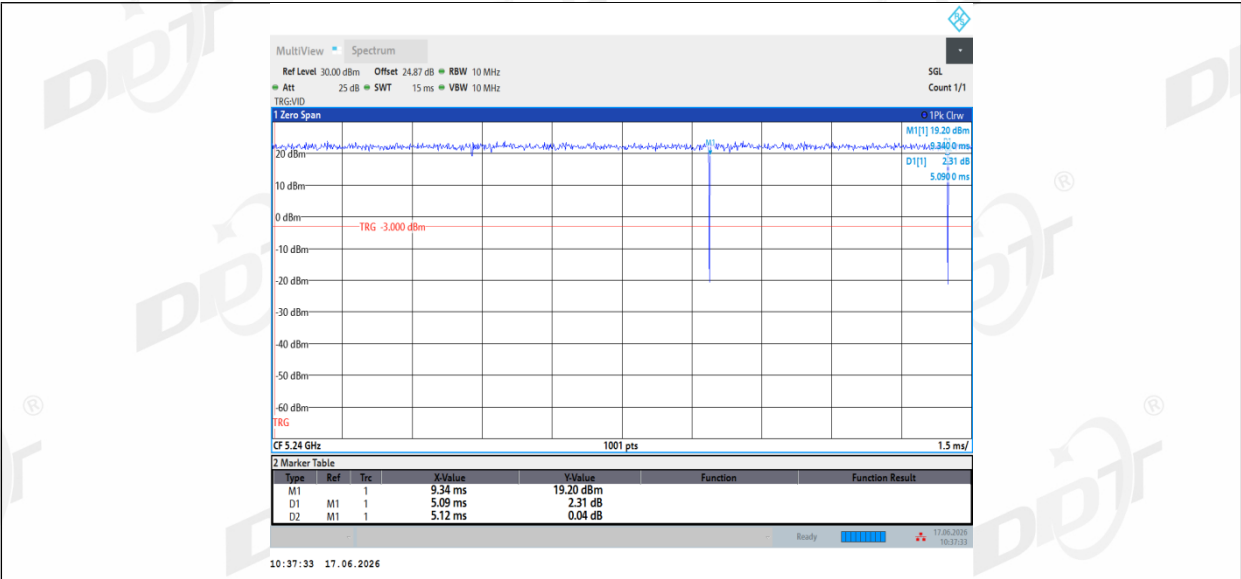
11N20SiSO_Ant1_5180



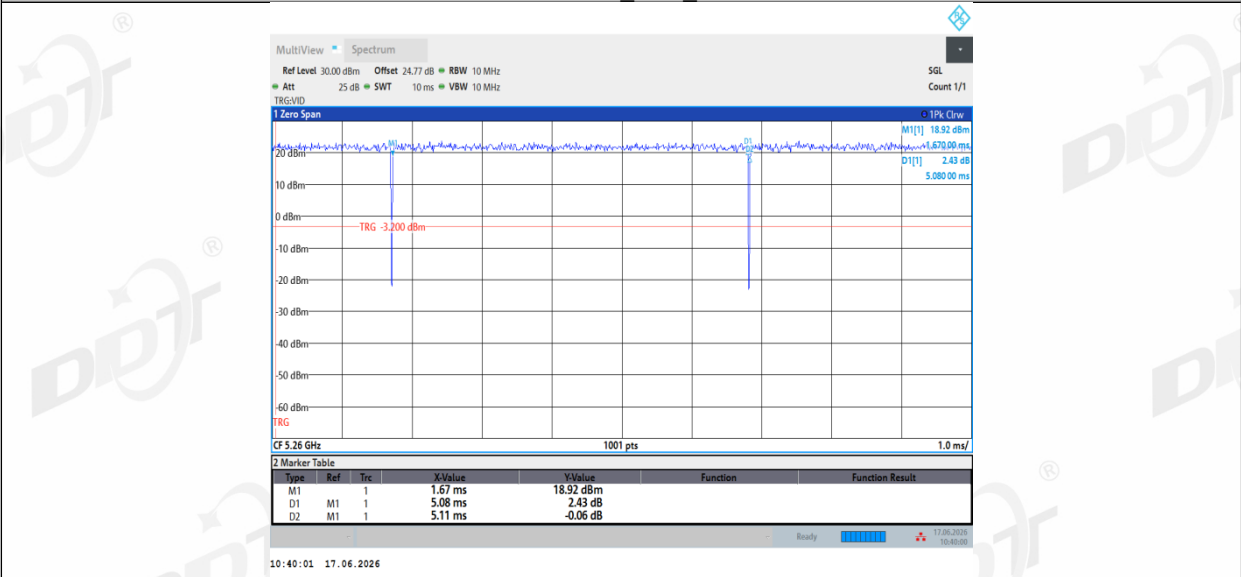
11N20SiSO_Ant1_5200



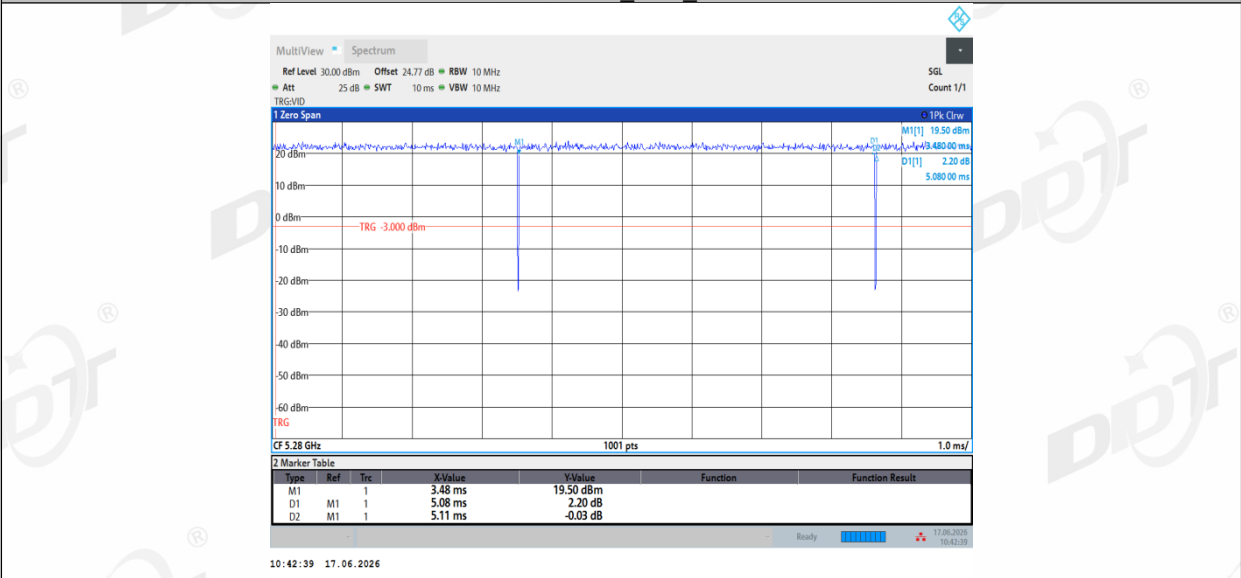
11N20SiSO_Ant1_5240



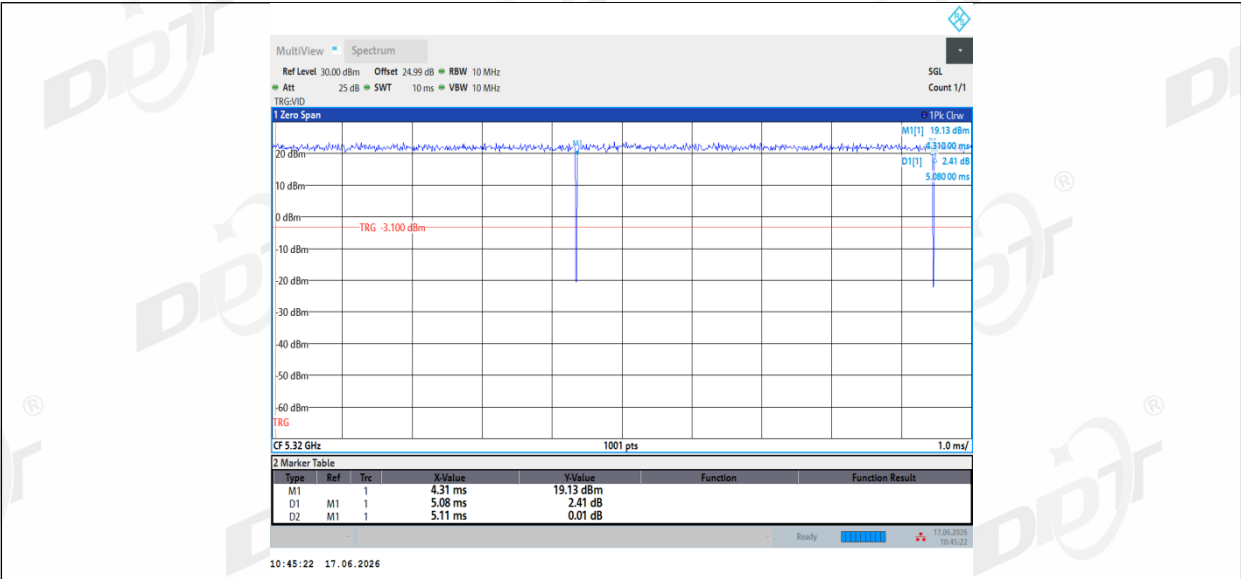
11N20SISO_Ant1_5260



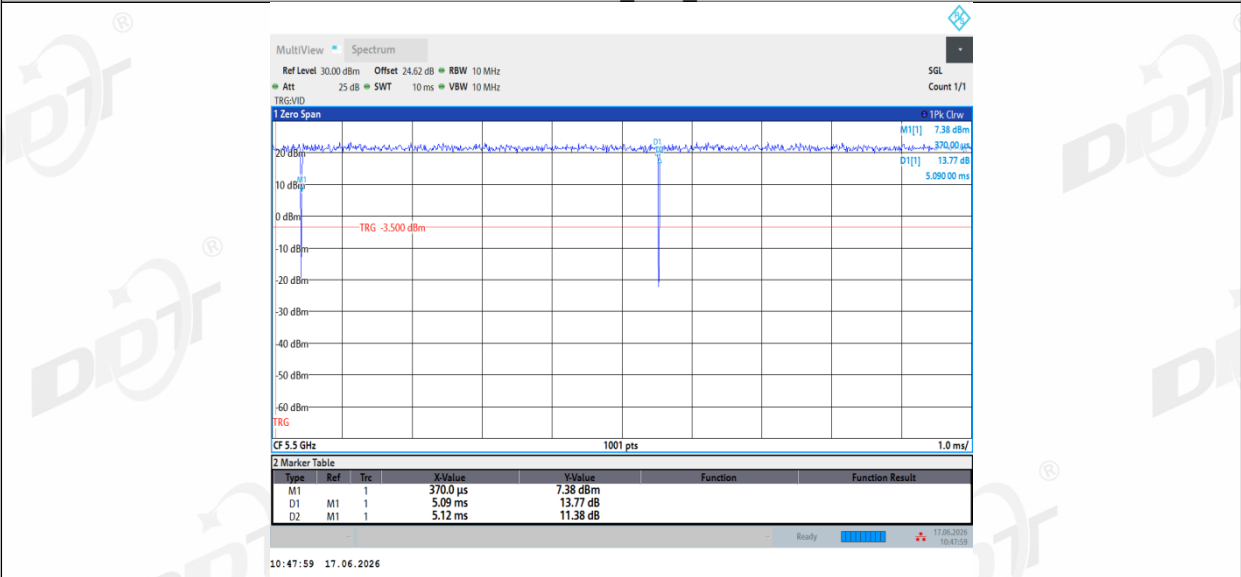
11N20SISO_Ant1_5280



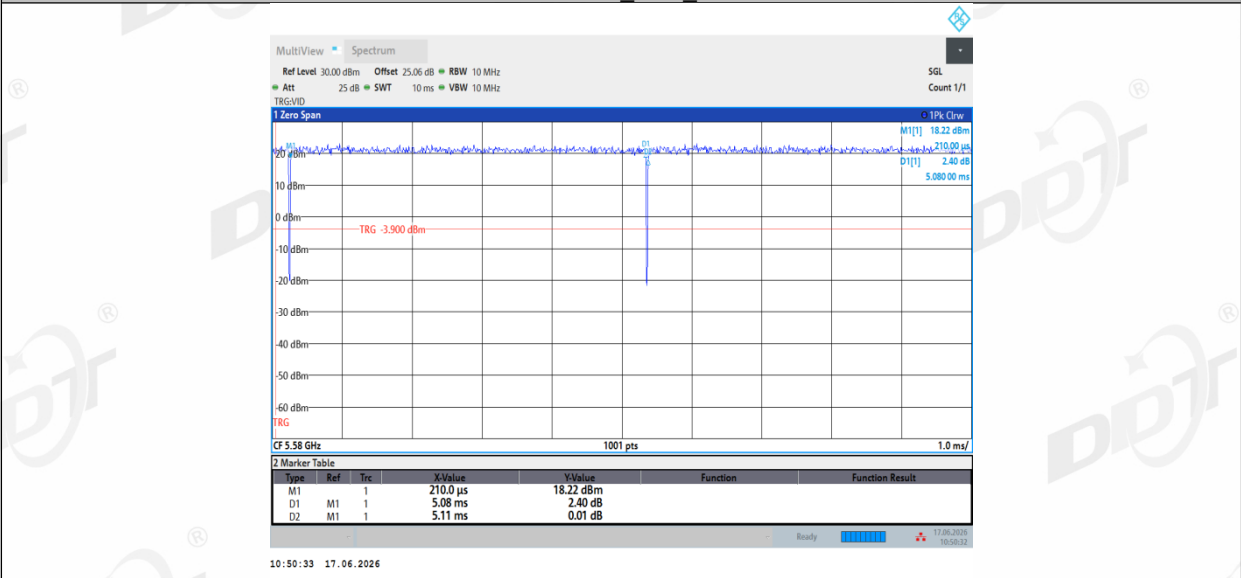
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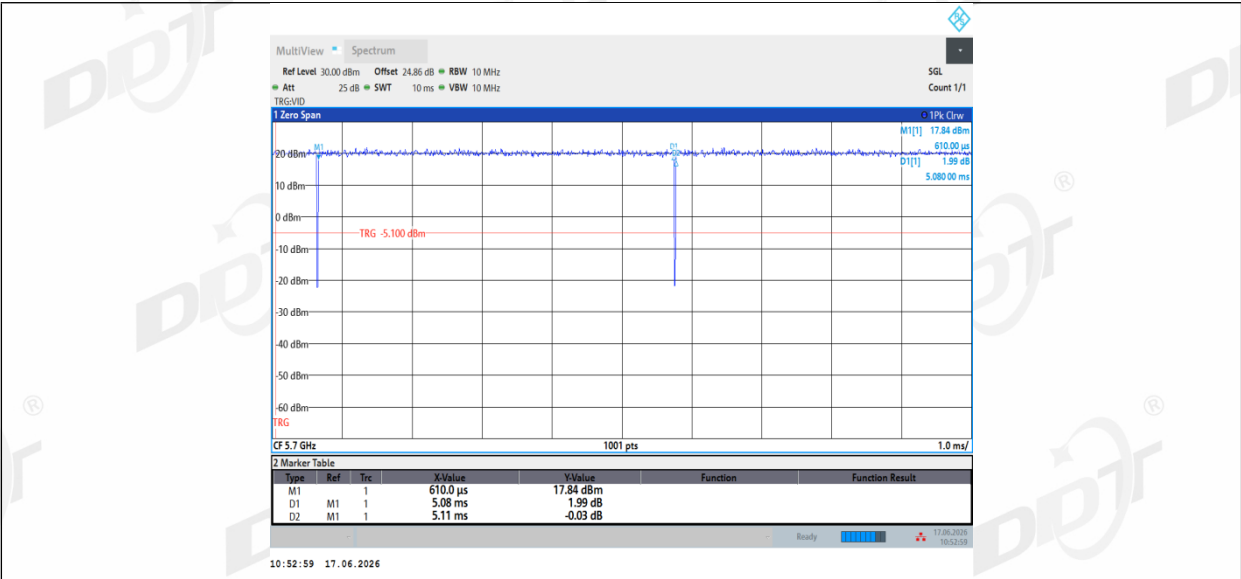
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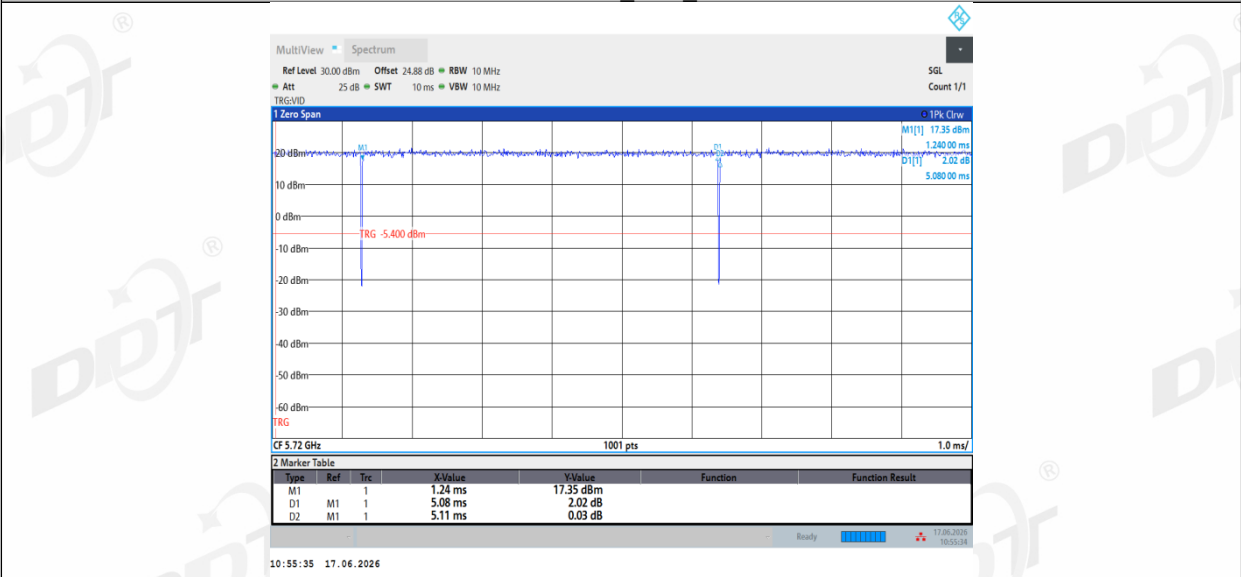
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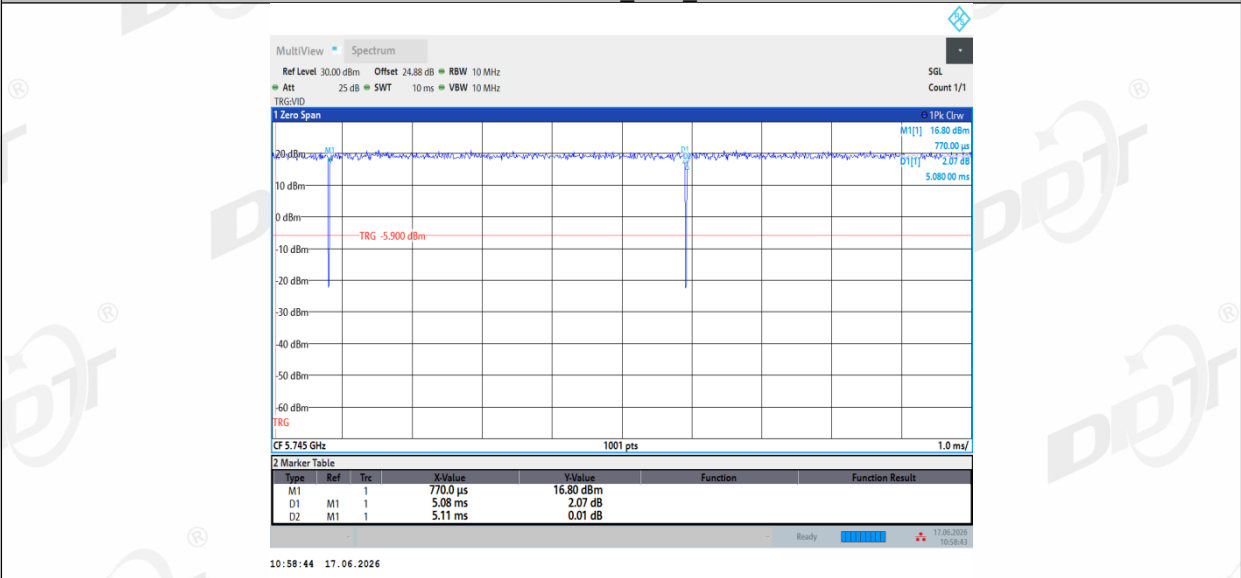
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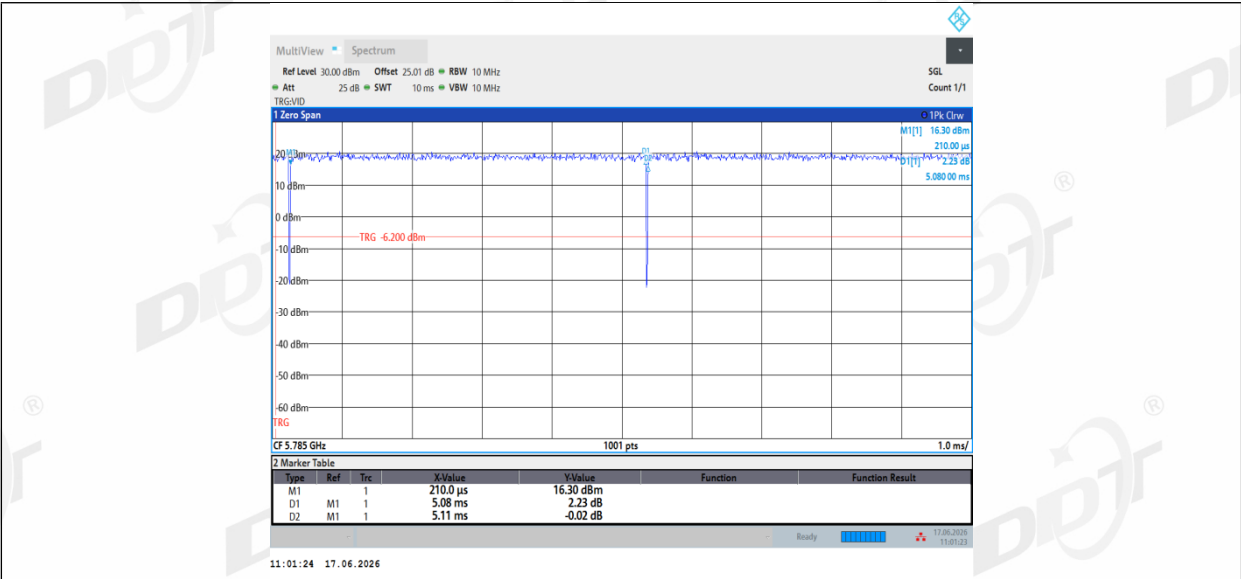
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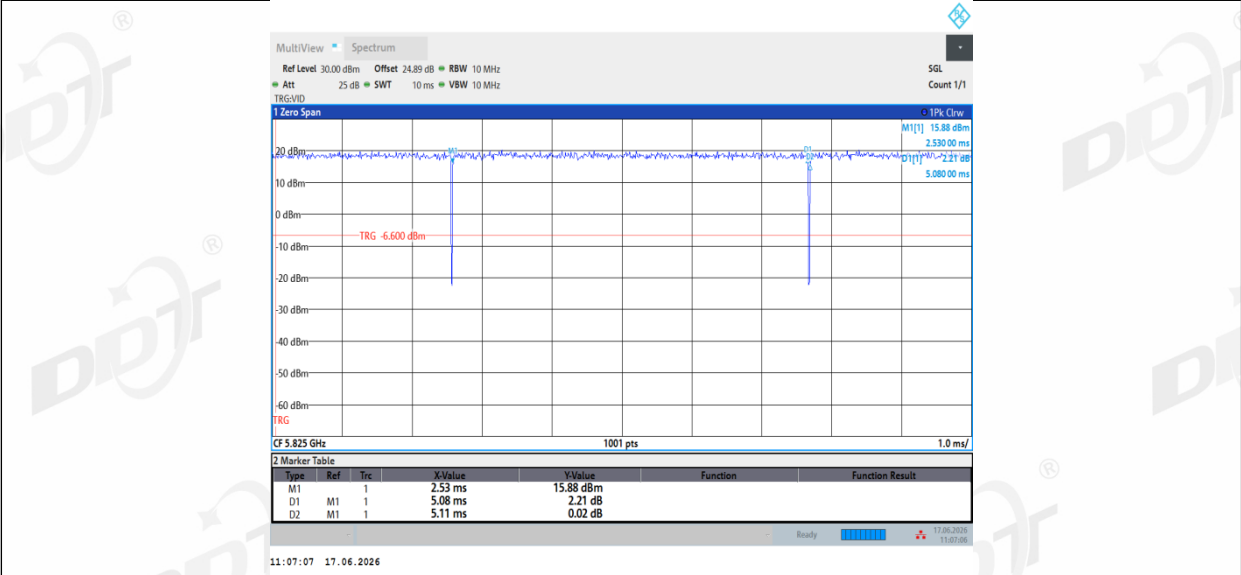
11N20SISO_Ant1_5745



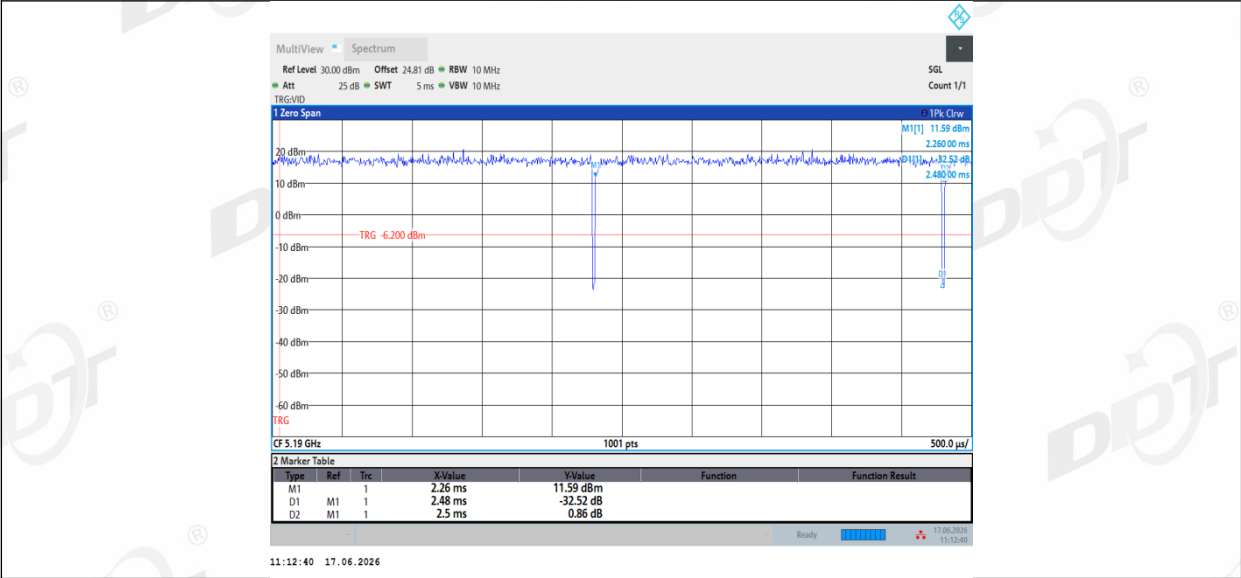
11N20SISO_Ant1_5785



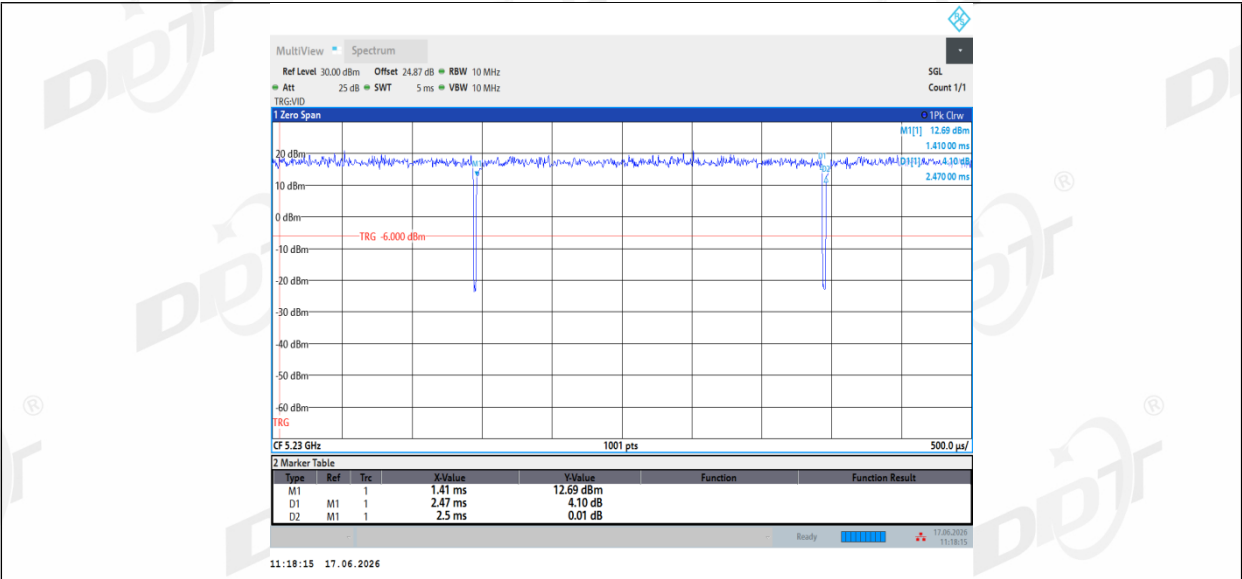
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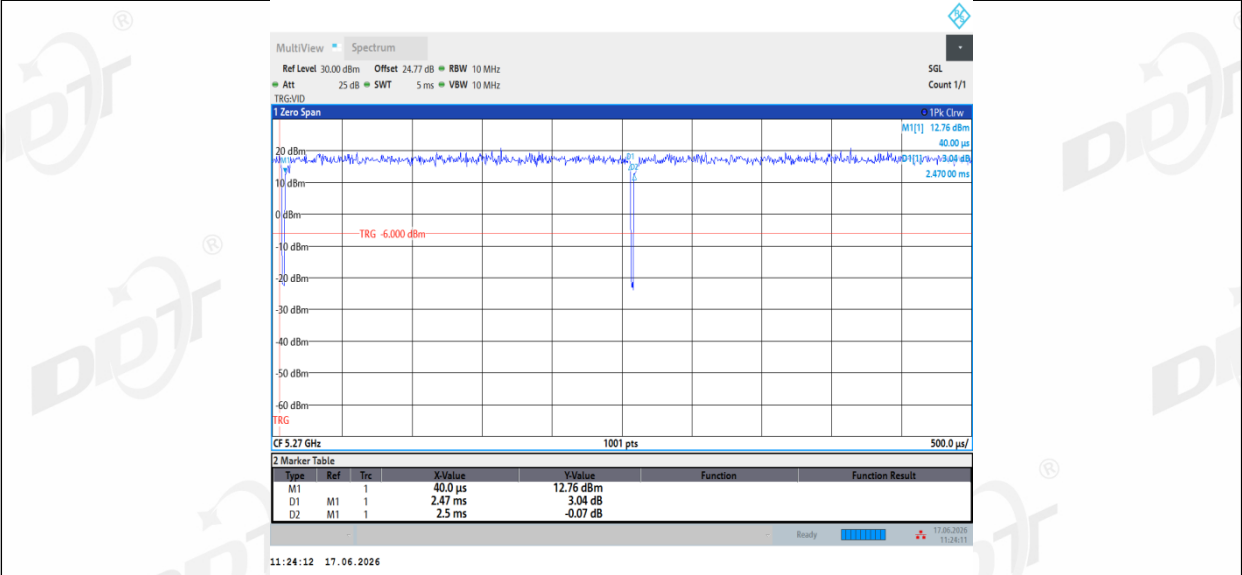
11N40SISO_Ant1_5190



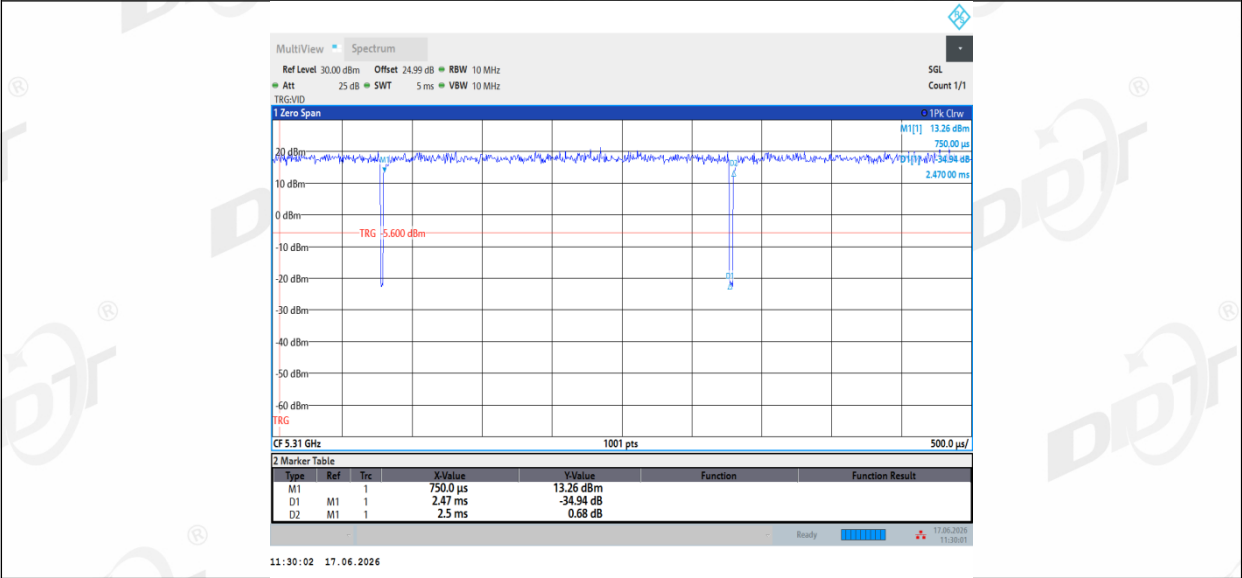
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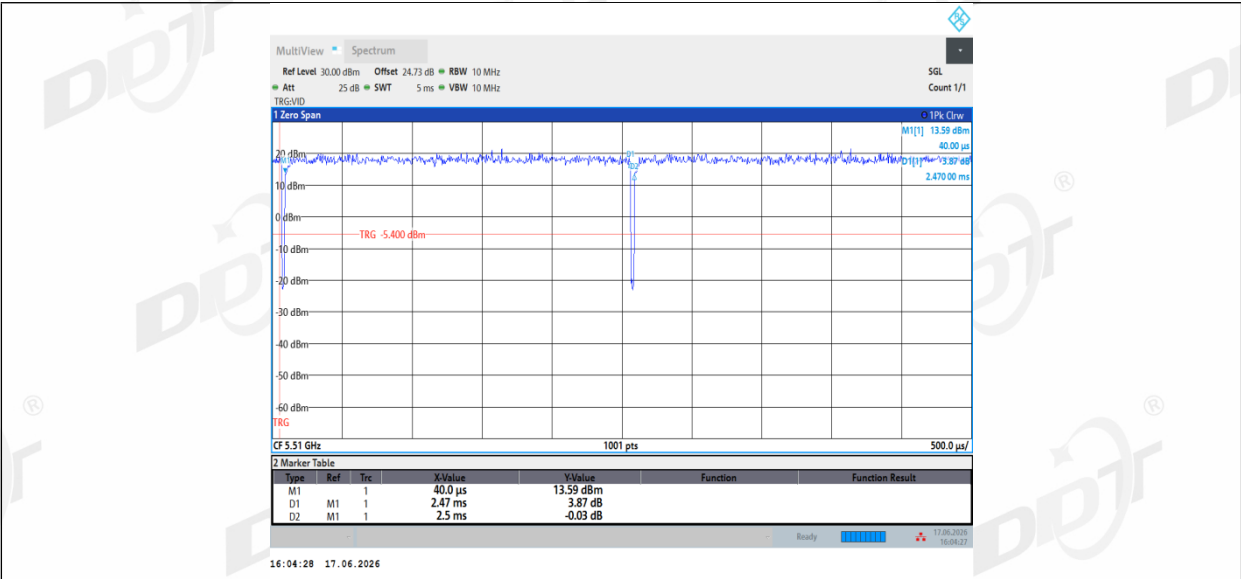
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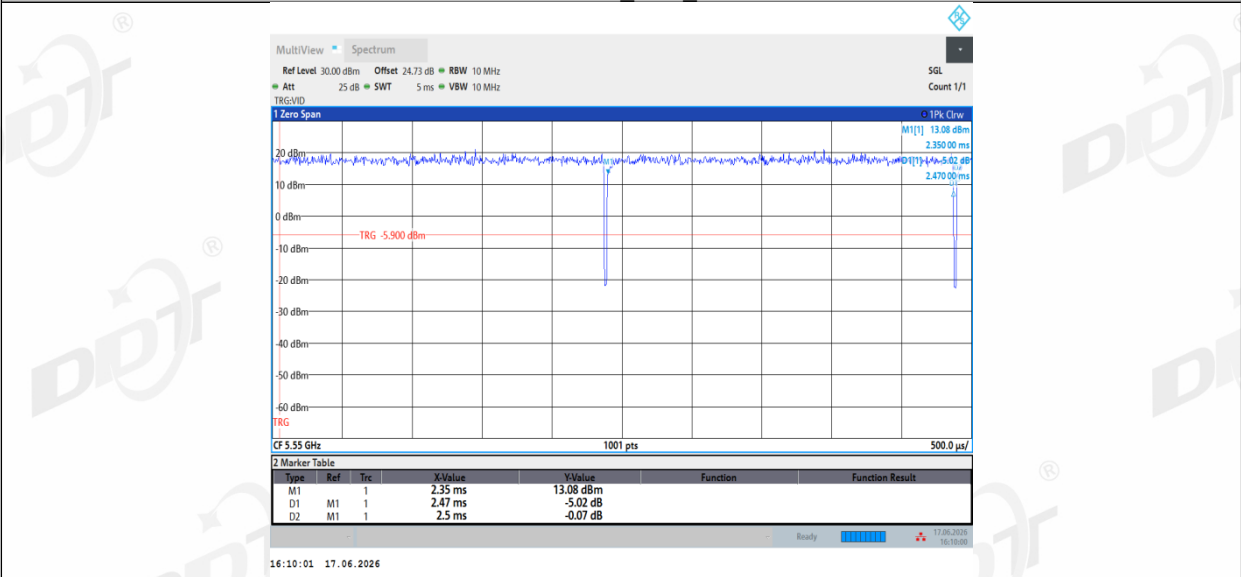
11N40SiSO_Ant1_5310



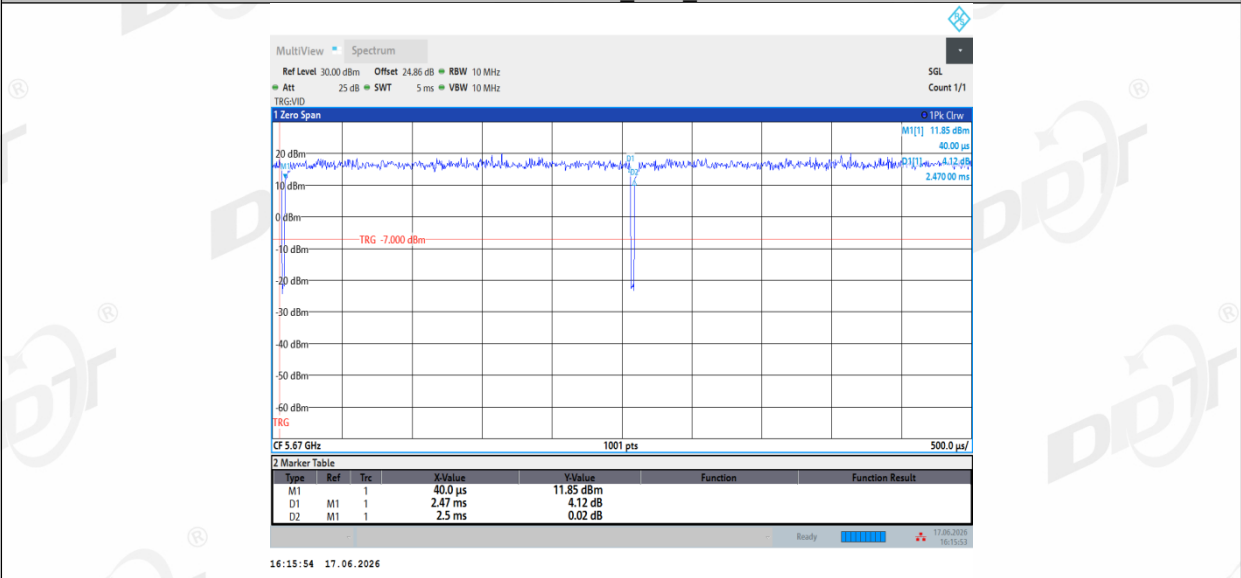
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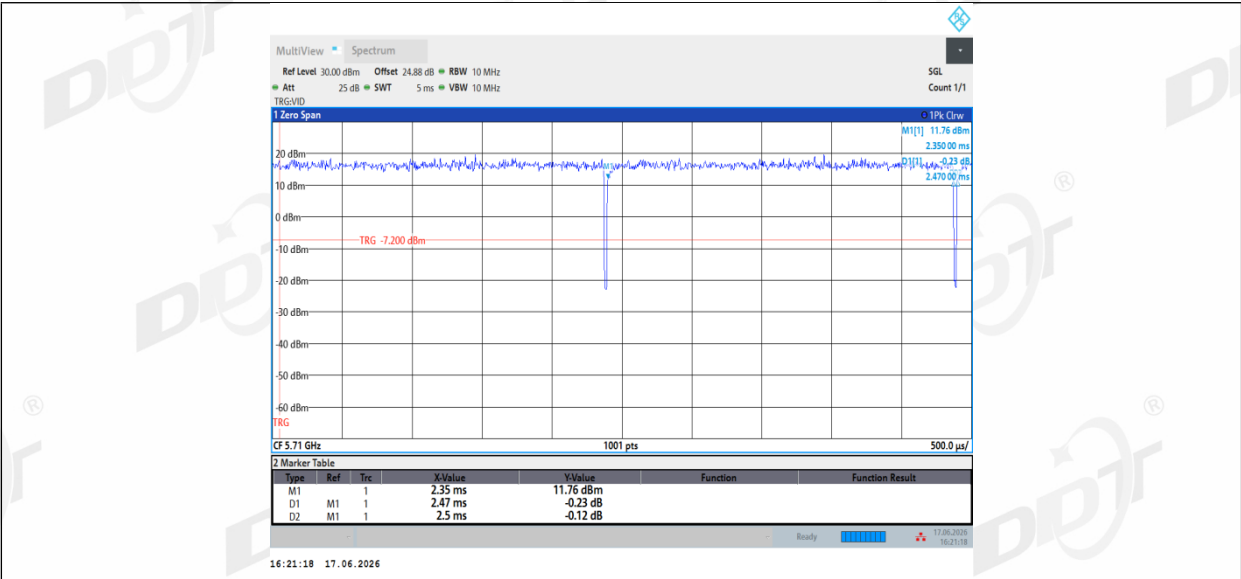
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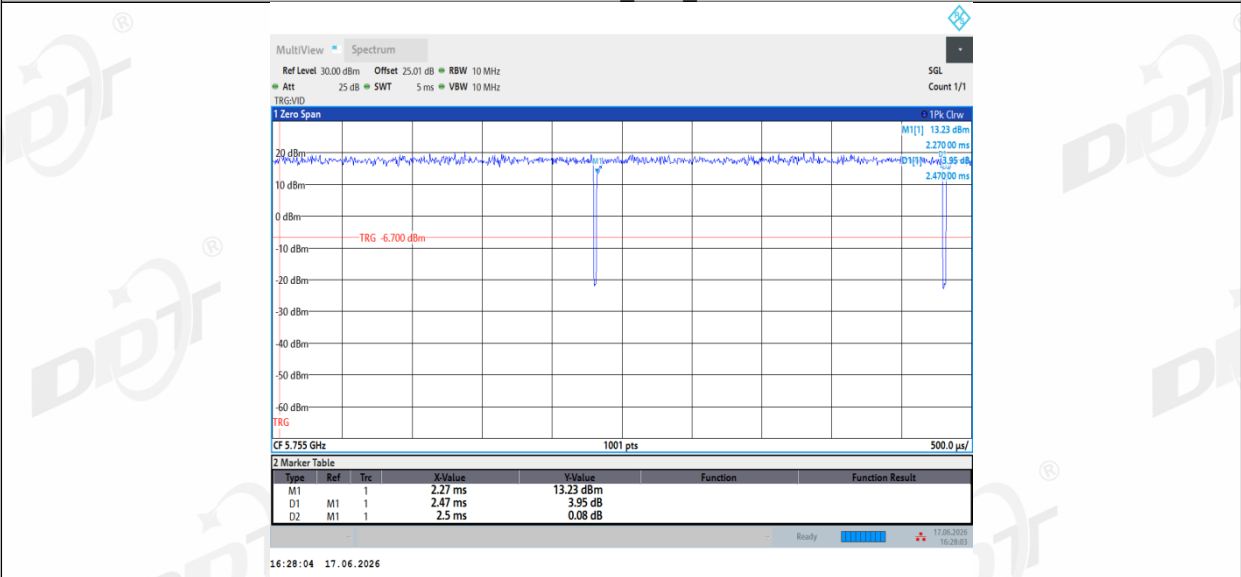
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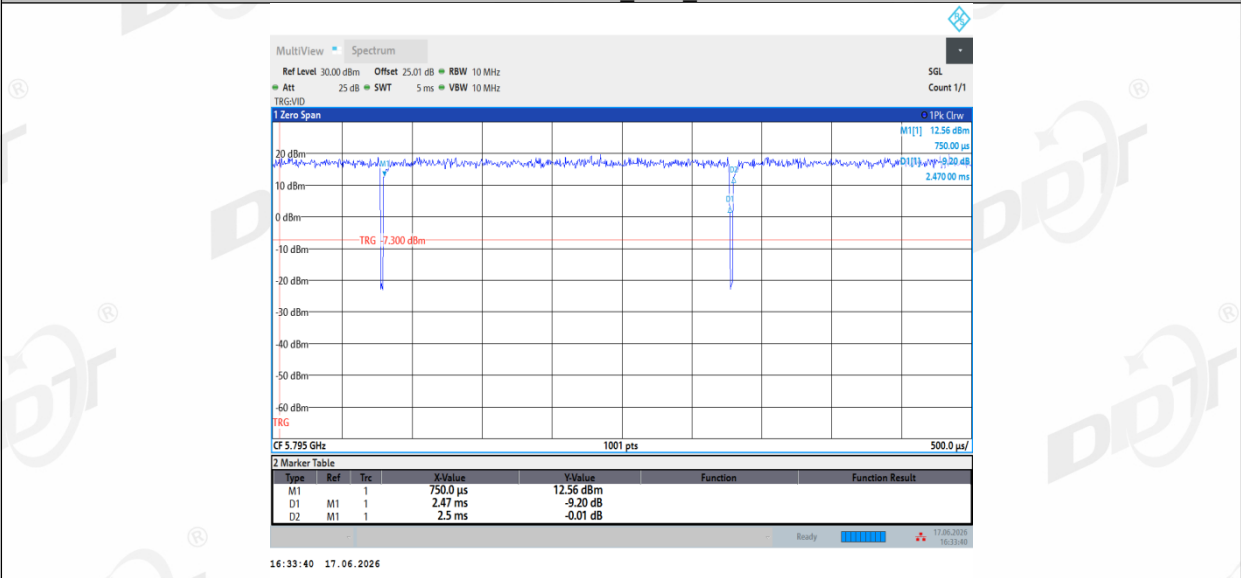
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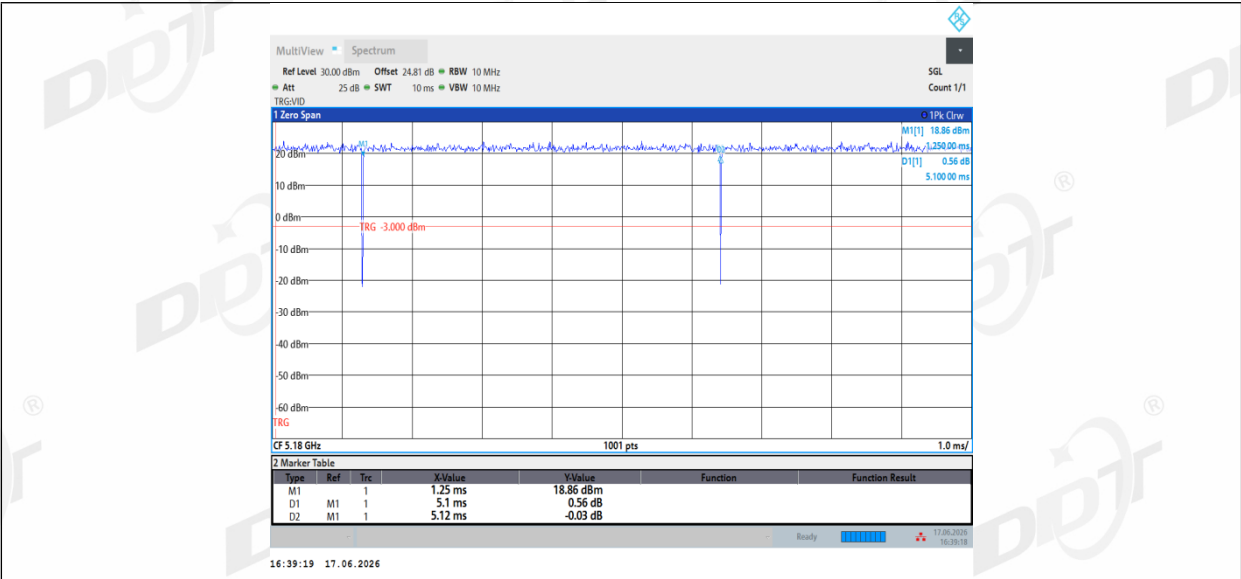
11N40SISO_Ant1_5755



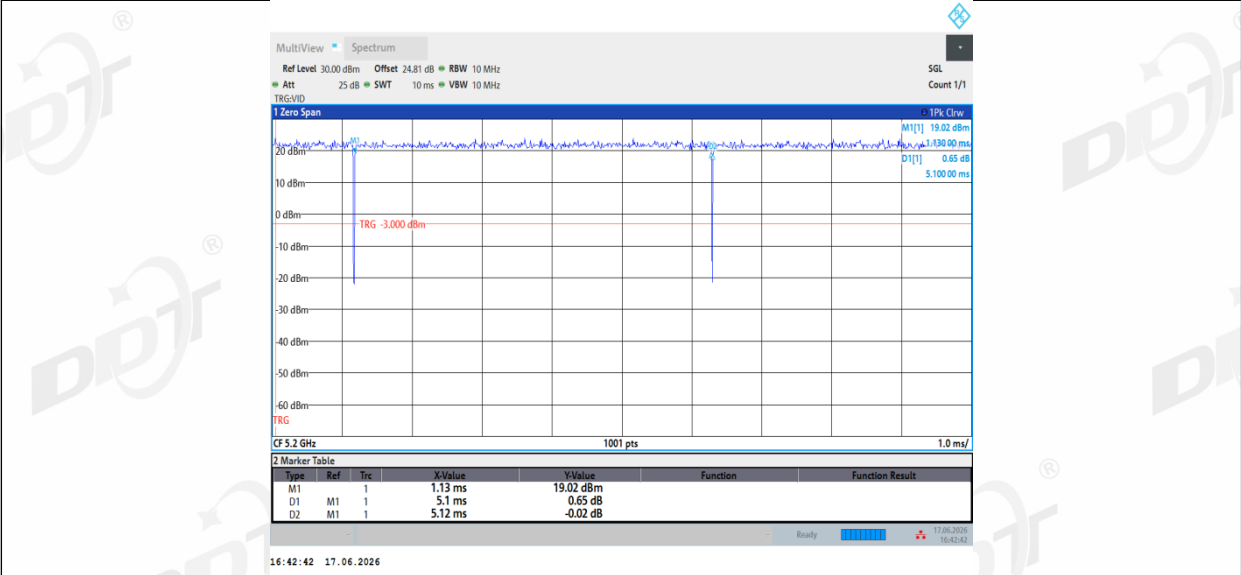
11N40SISO_Ant1_5795



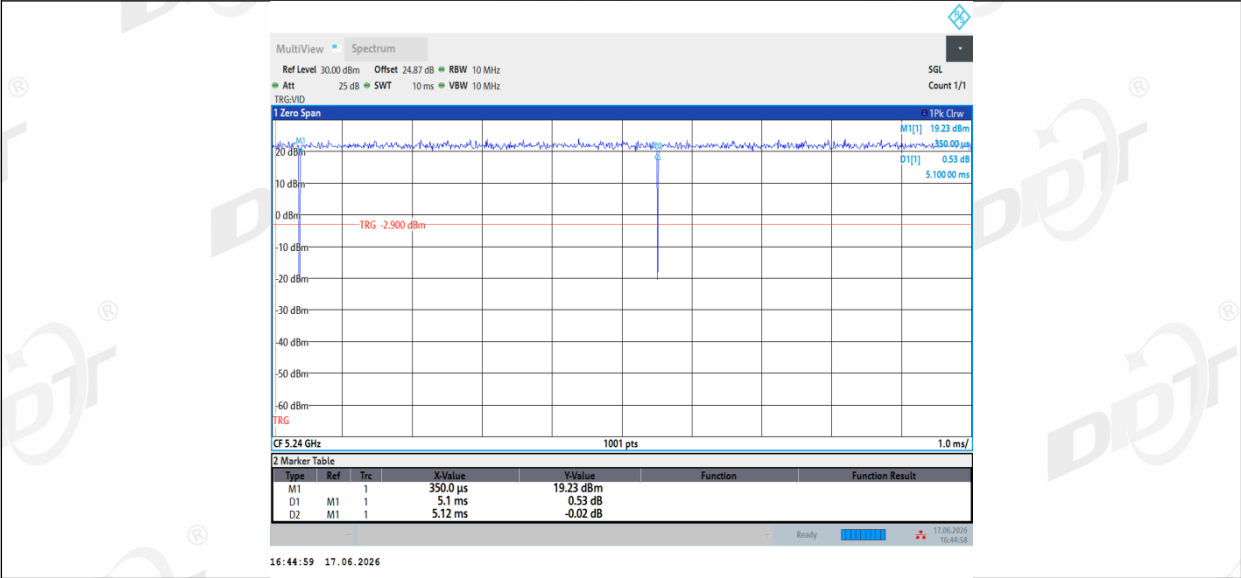
11AC20SISO_Ant1_5180



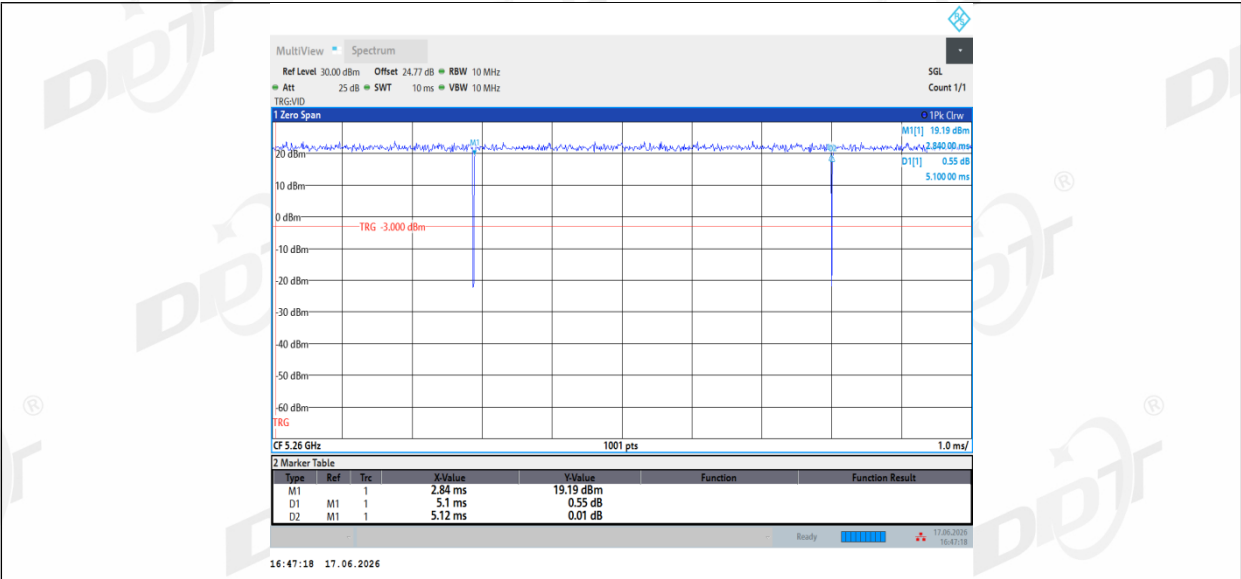
11AC20SISO_Ant1_5200



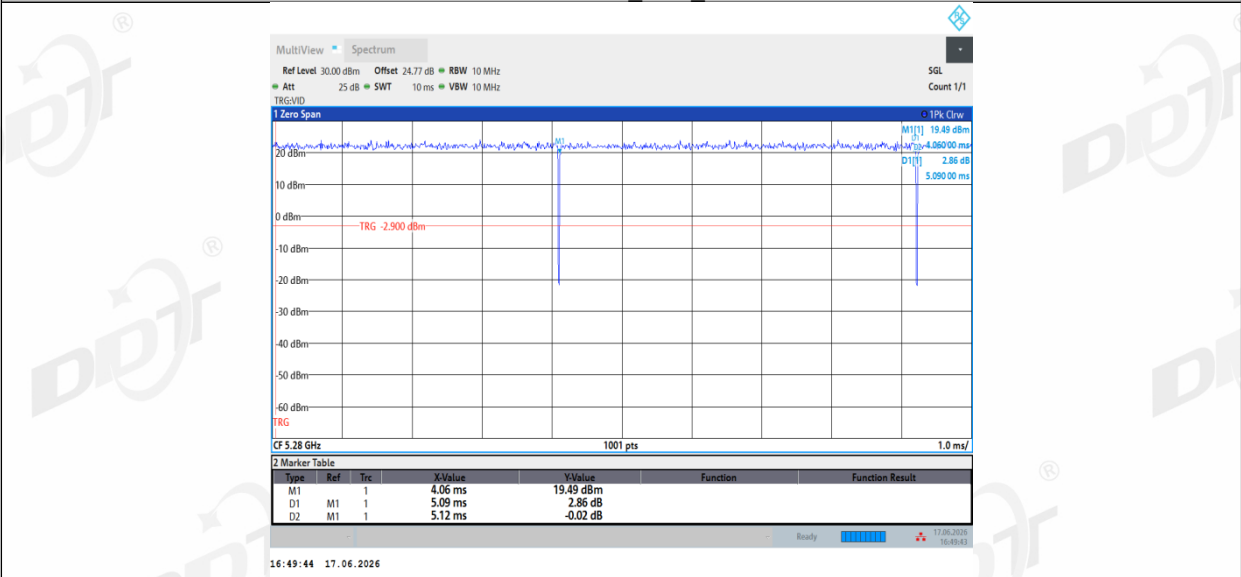
11AC20SISO_Ant1_5240



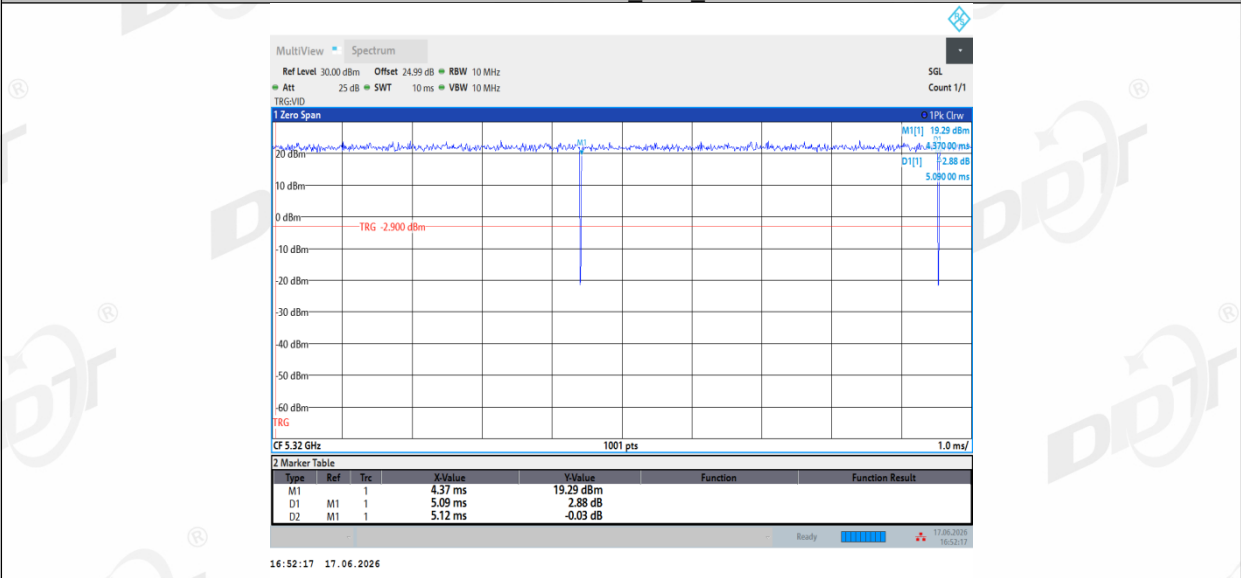
11AC20SISO_Ant1_5260



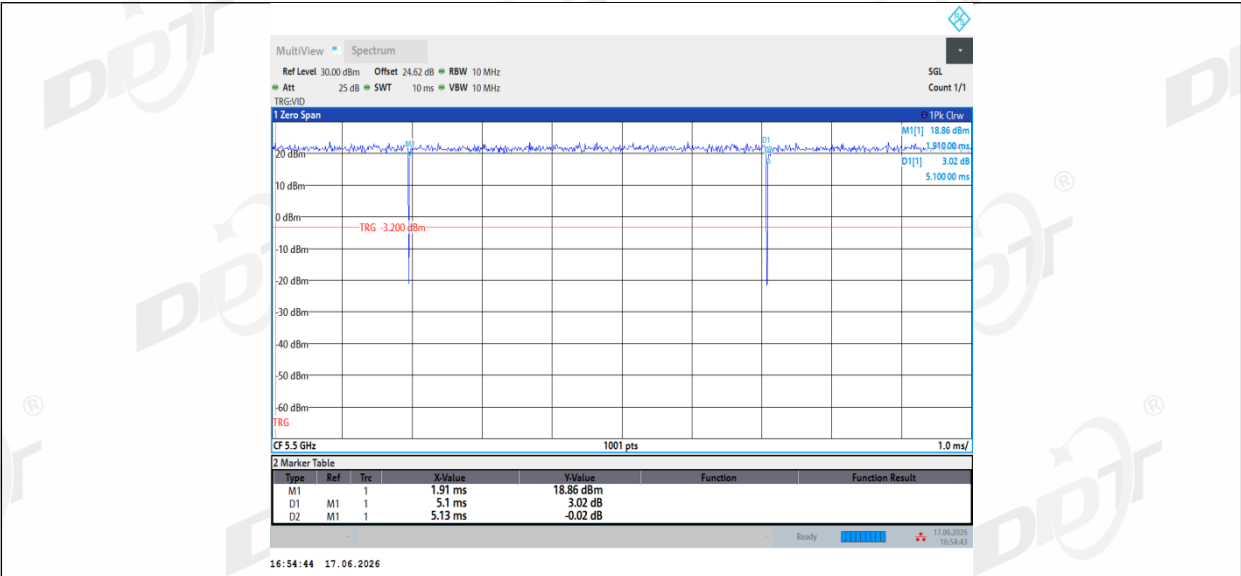
11AC20SISO_Ant1_5280



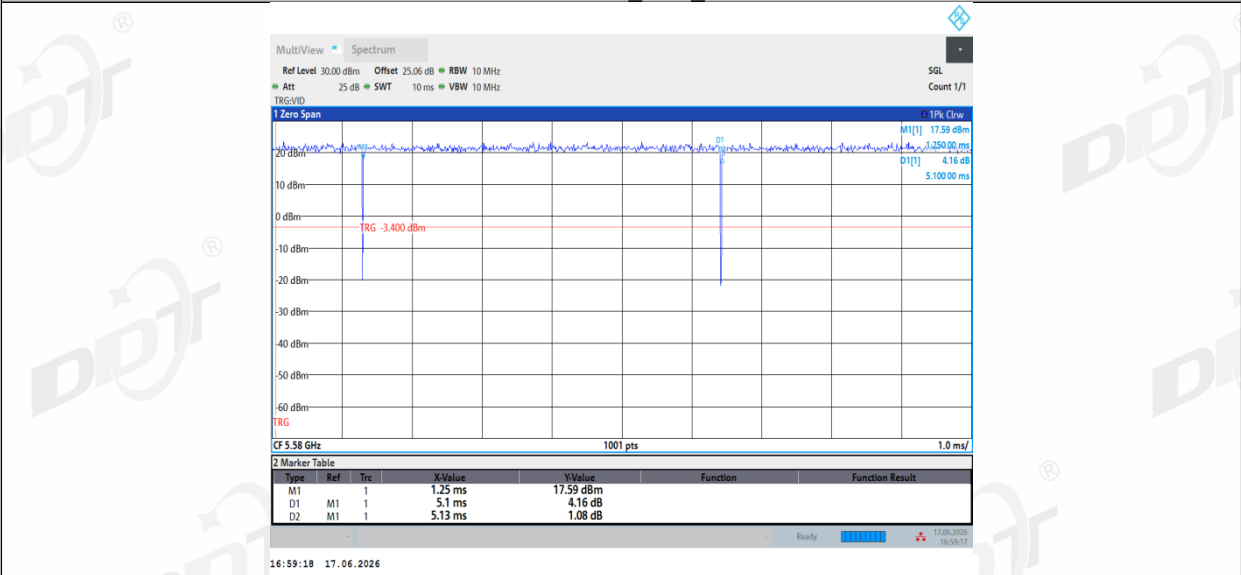
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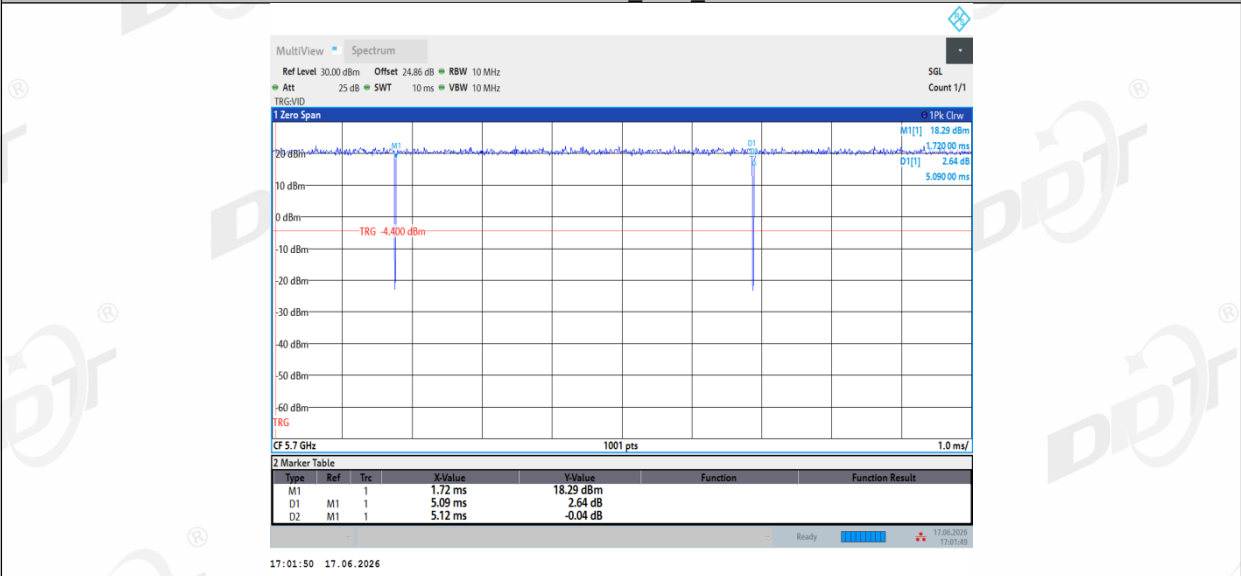
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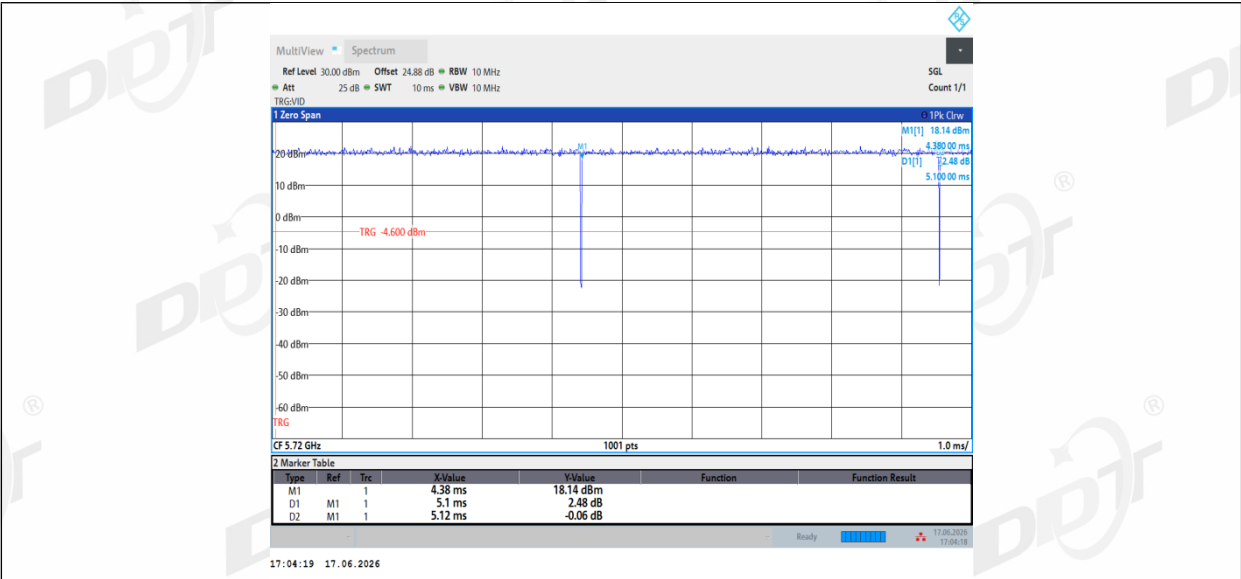
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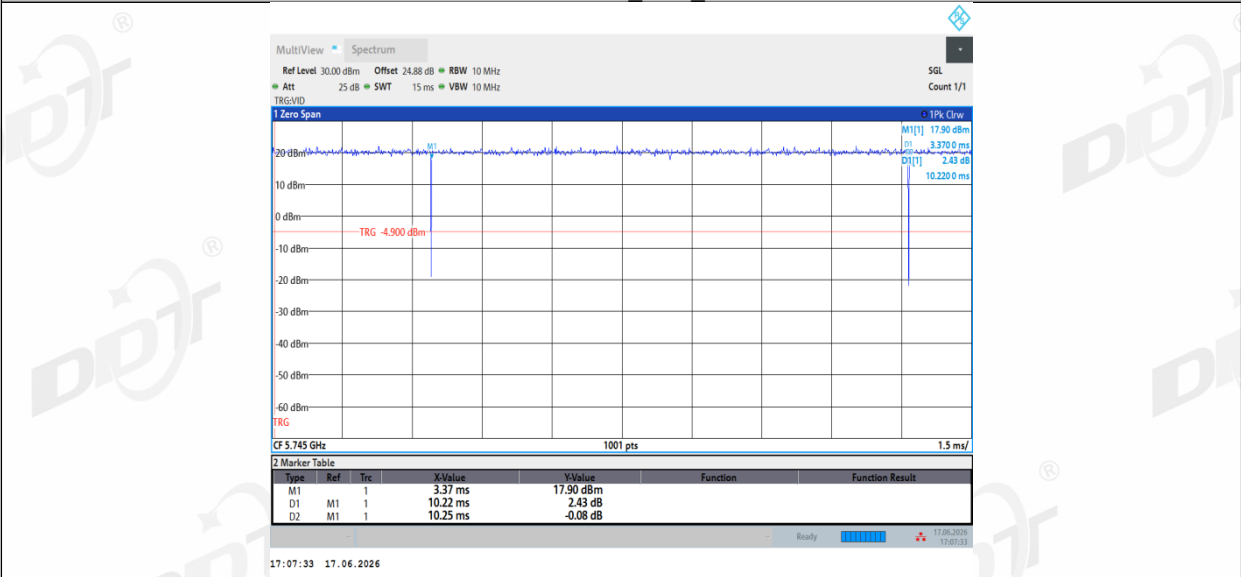
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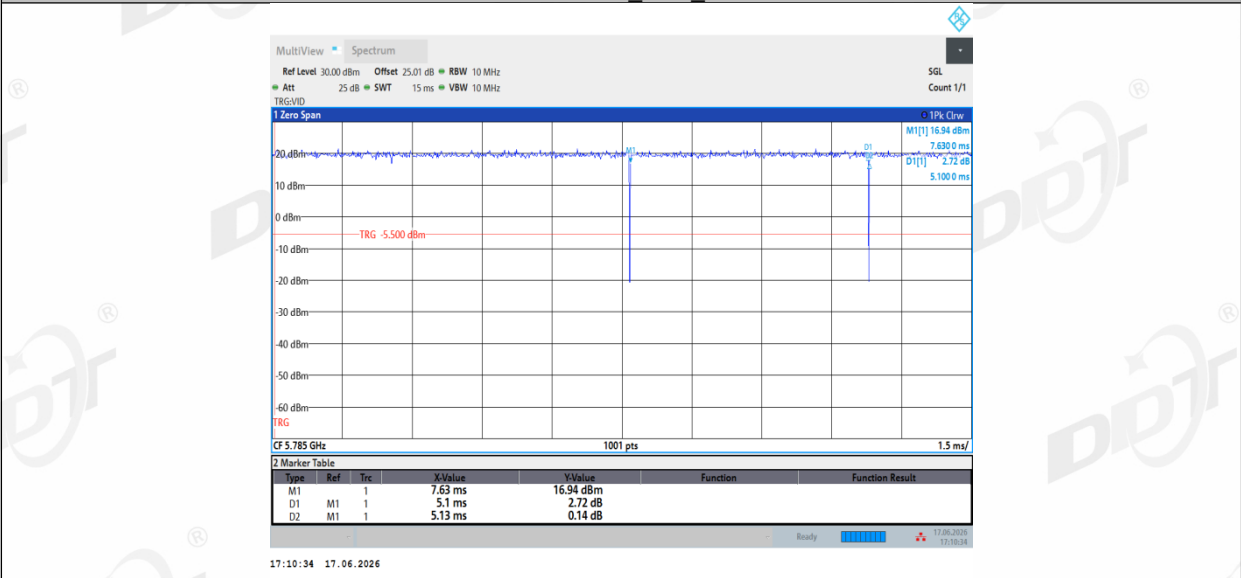
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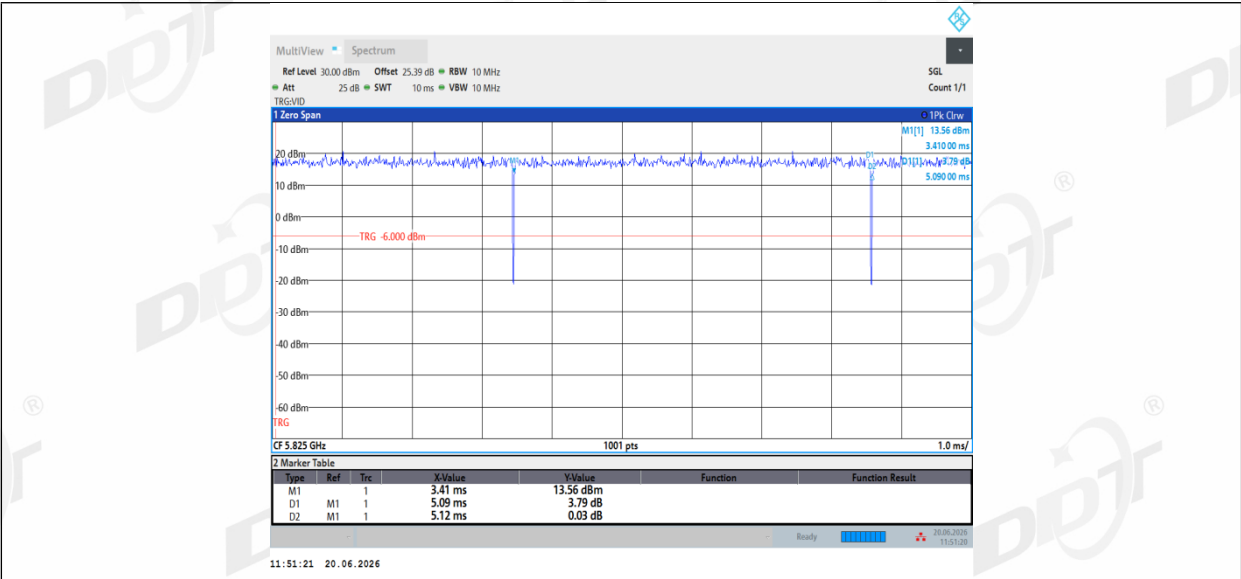
11AC20SISO_Ant1_5745



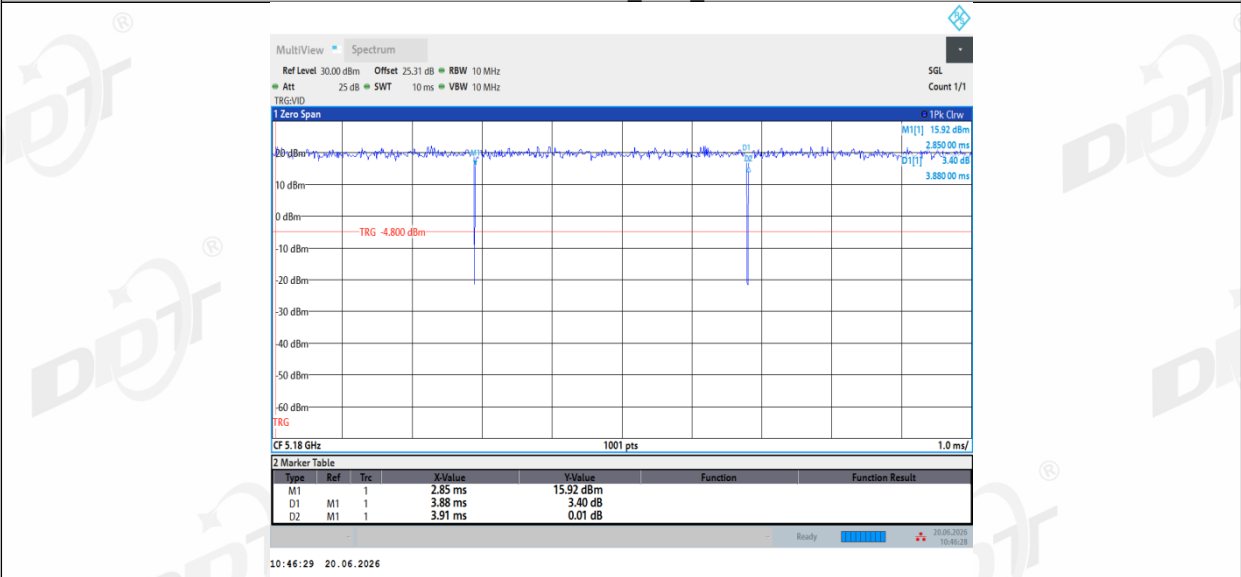
11AC20SISO_Ant1_5785



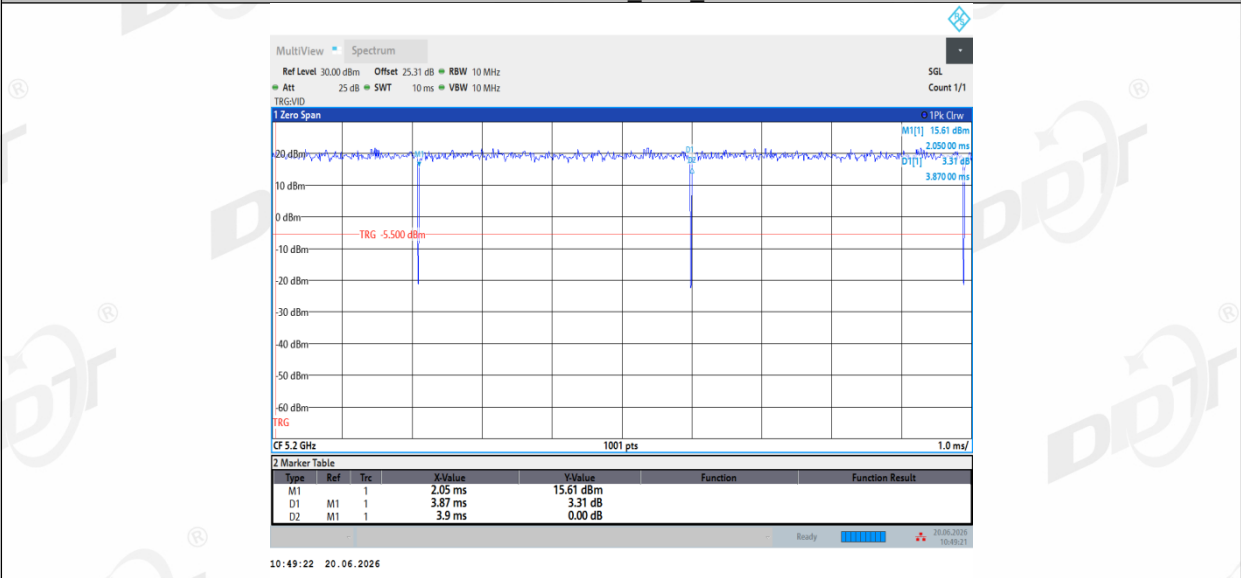
11AC20SISO_Ant1_5825



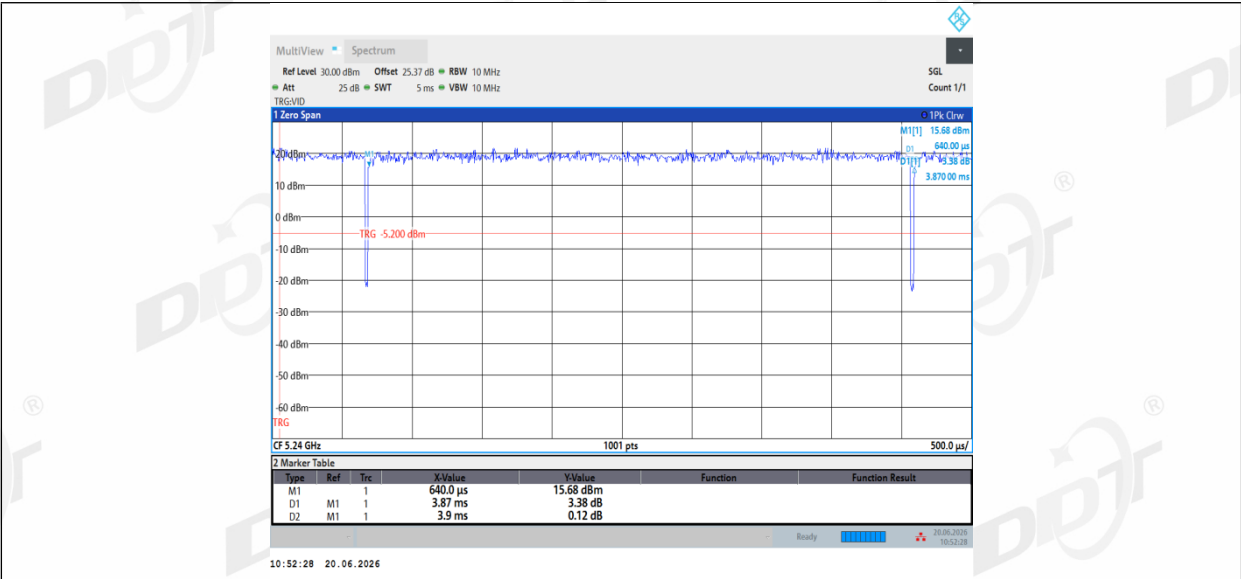
11AX20SISO_Ant1_5180



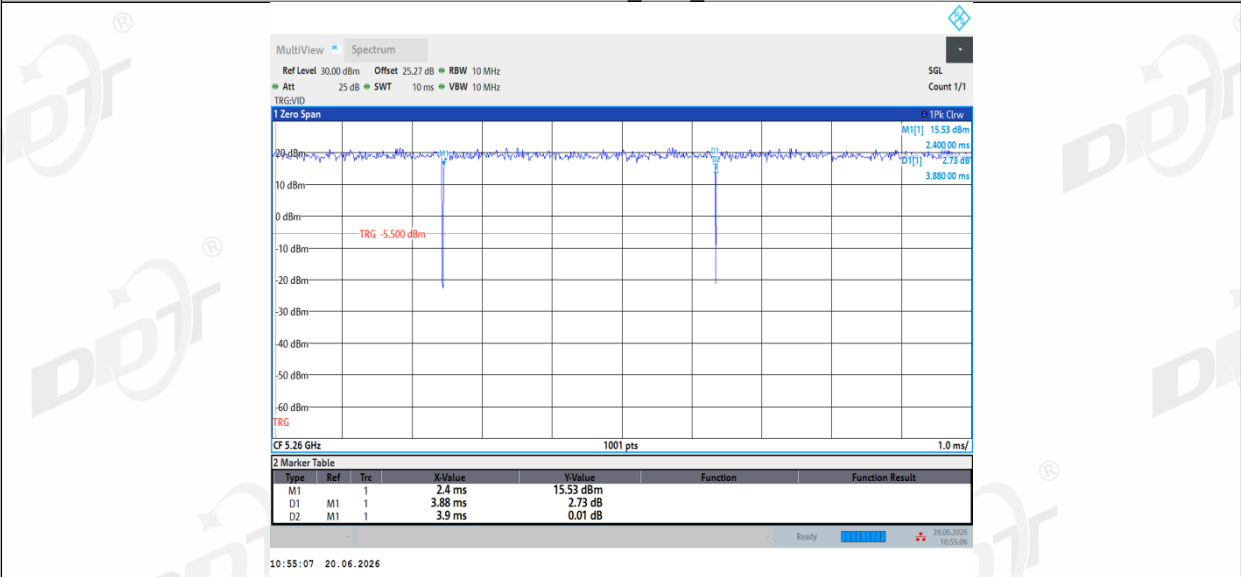
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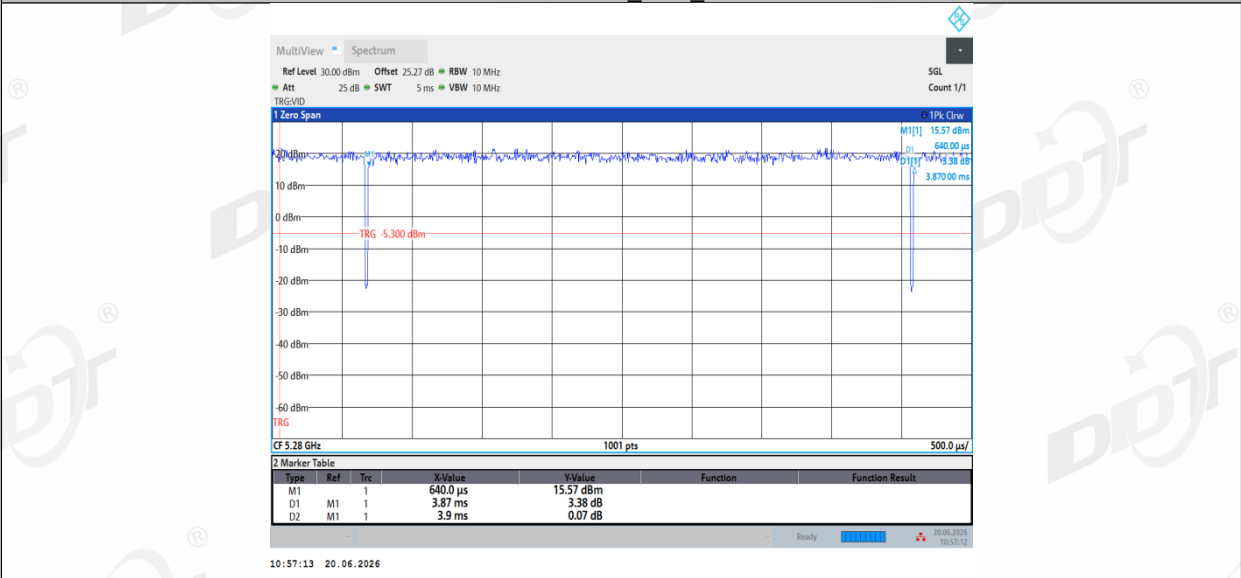
11AX20SISO_Ant1_5240



11AX20SISO_Ant1_5260



11AX20SISO_Ant1_5280



11AX20SISO_Ant1_5320