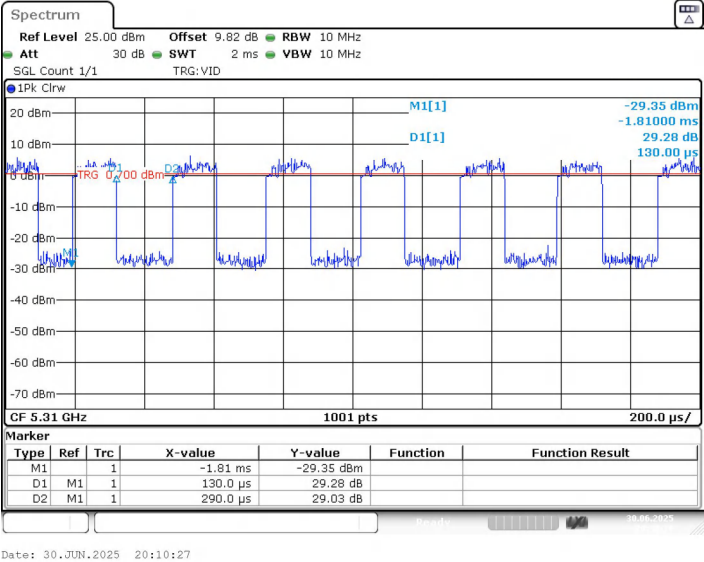
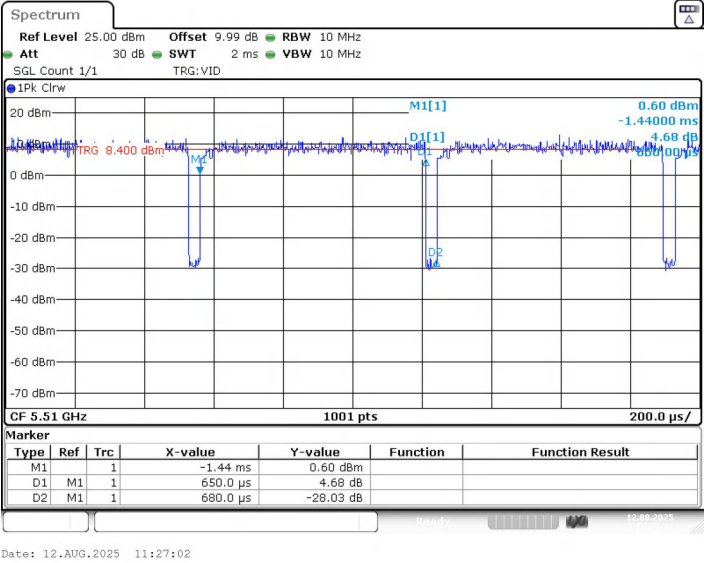


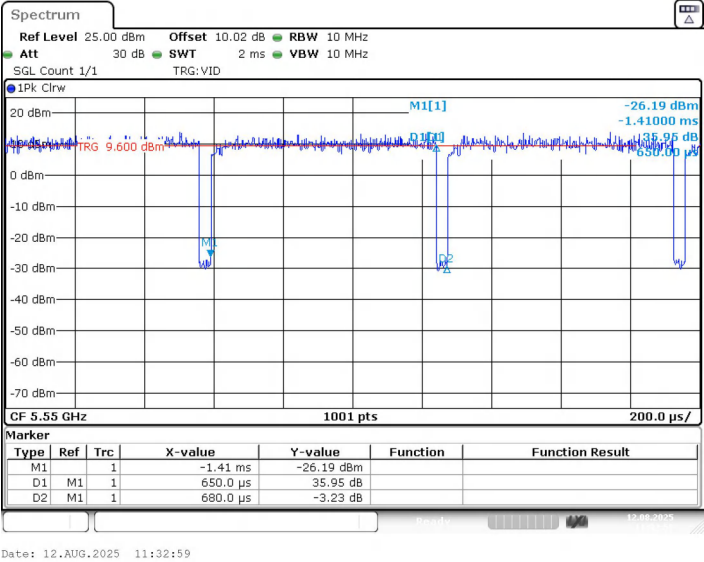
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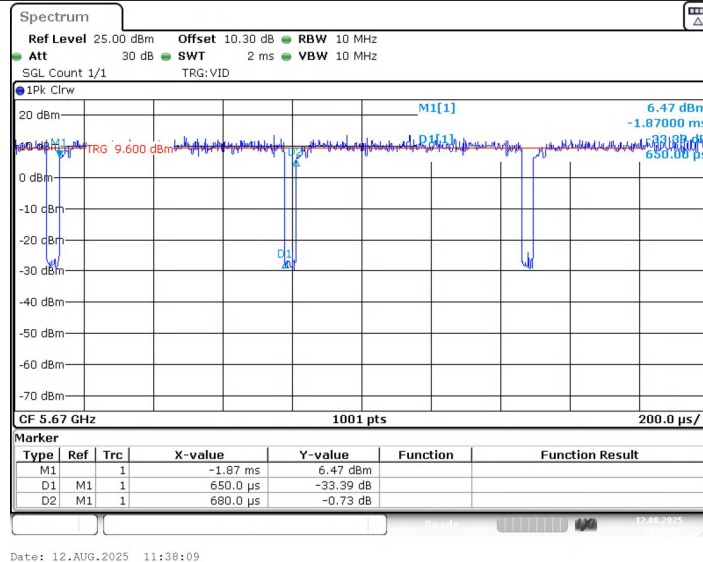
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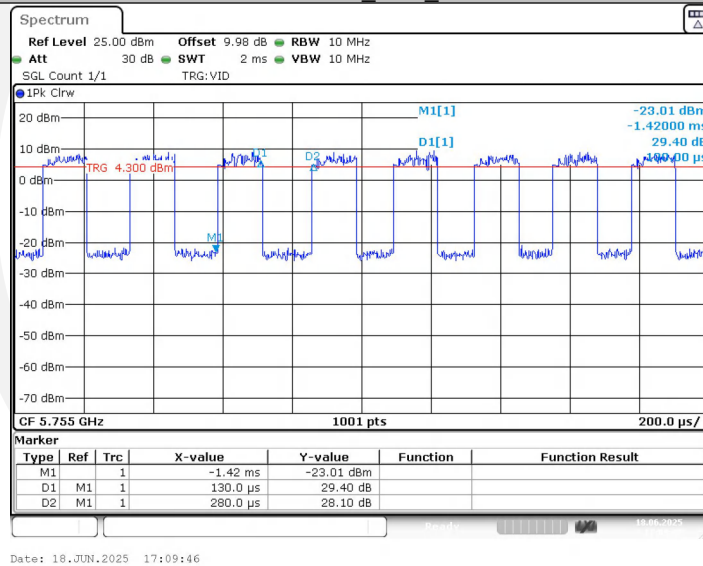
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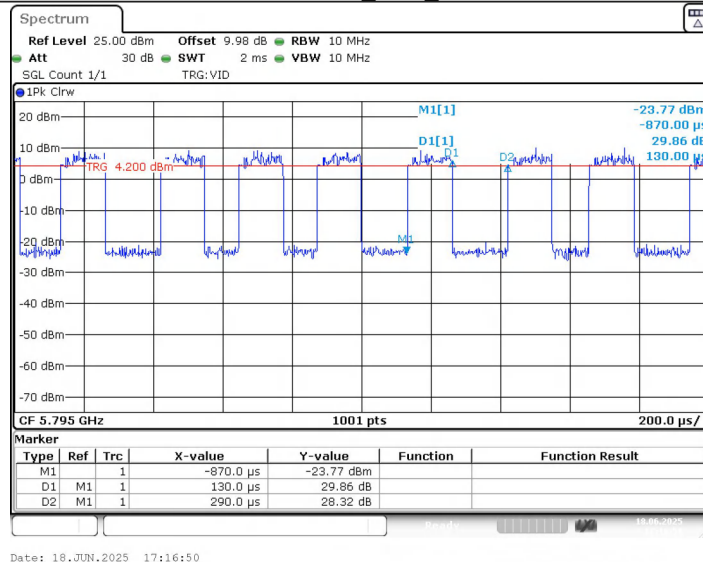
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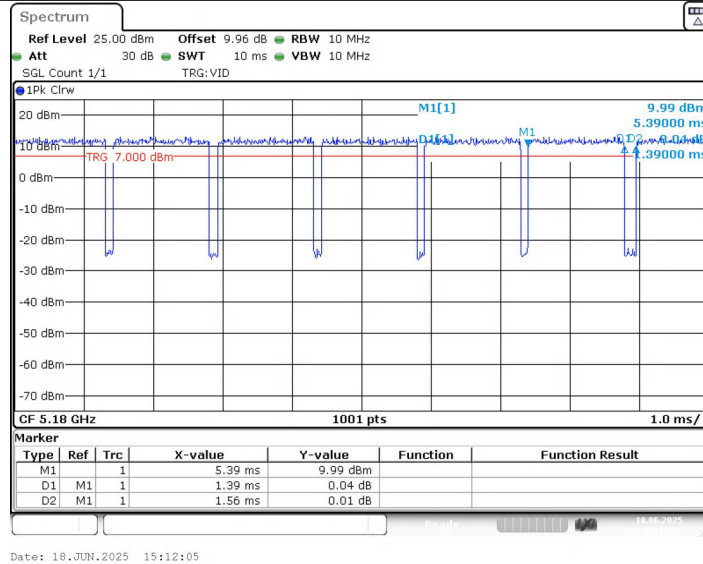
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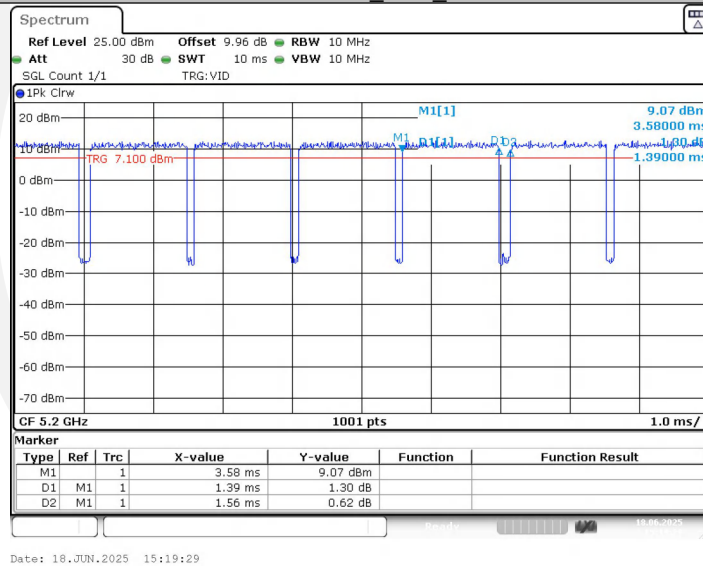
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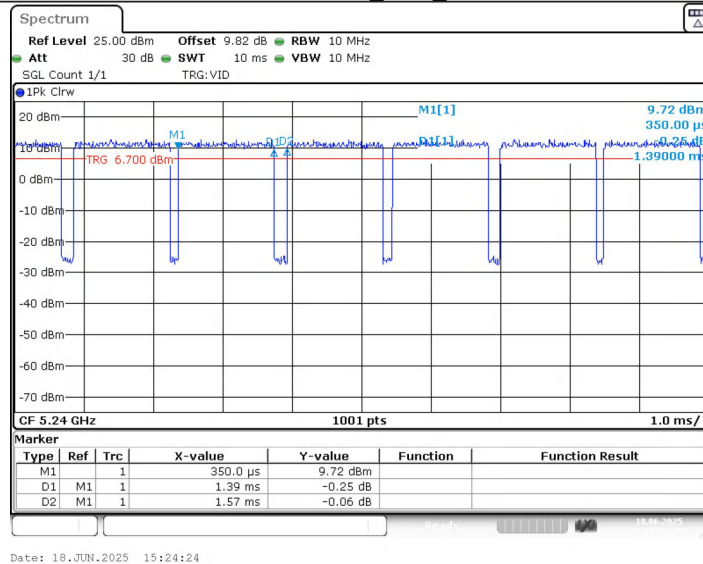
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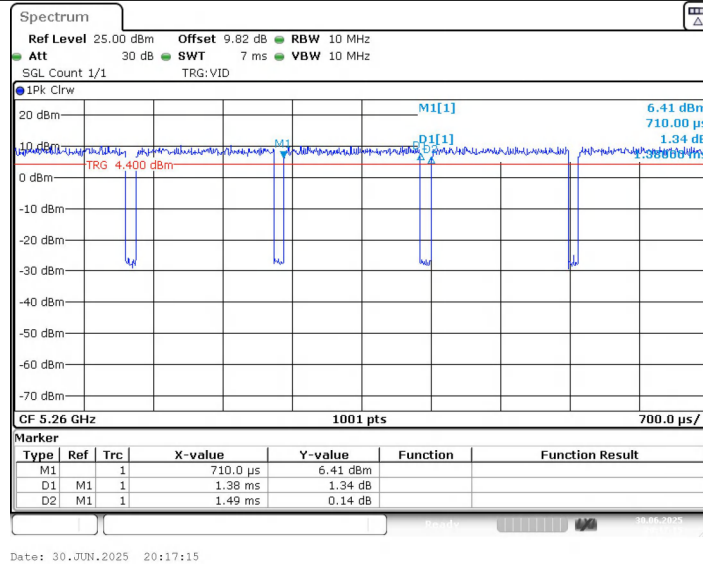
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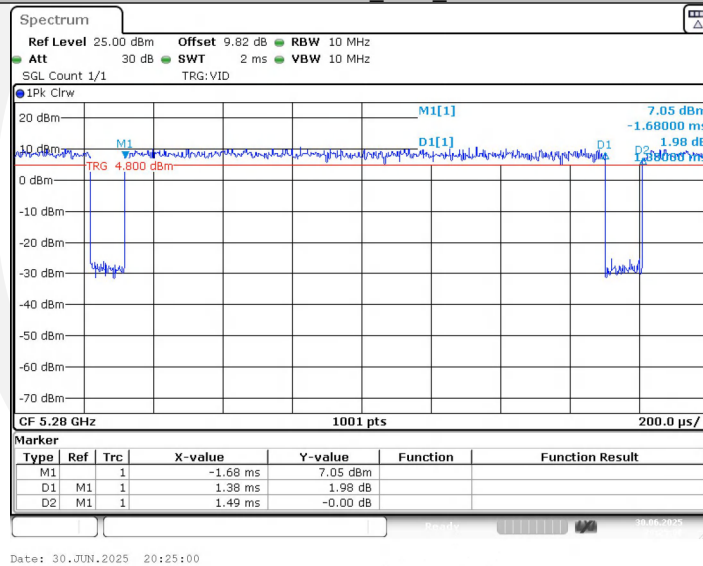
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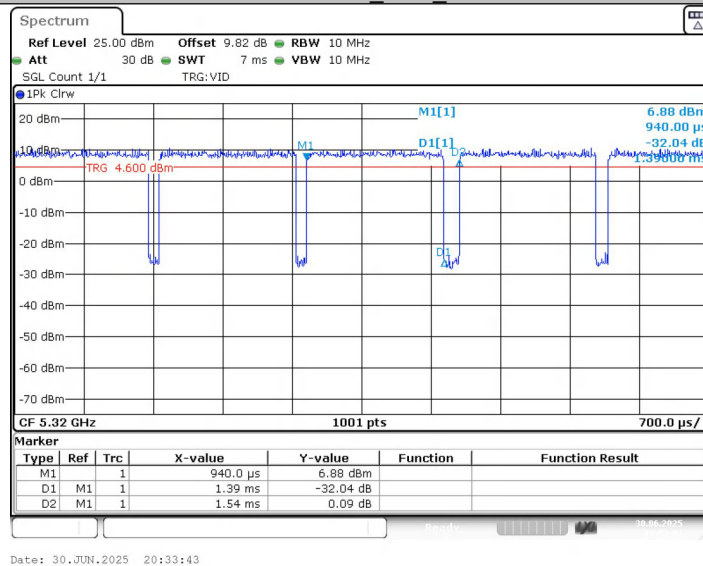
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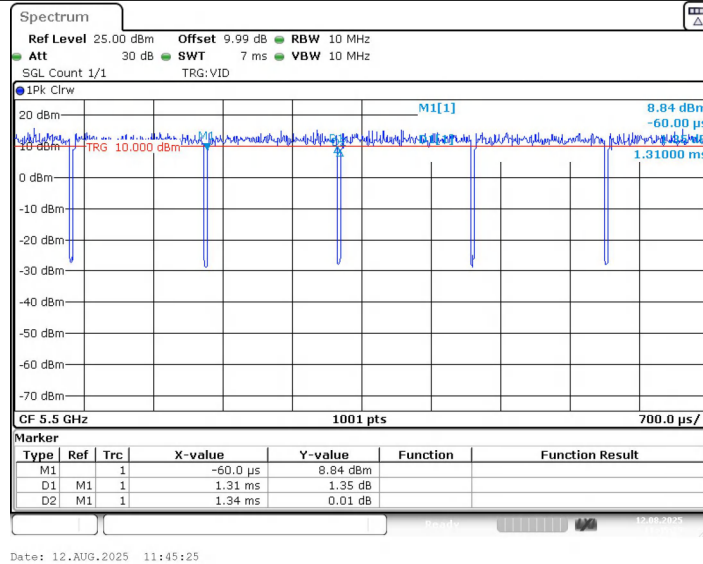
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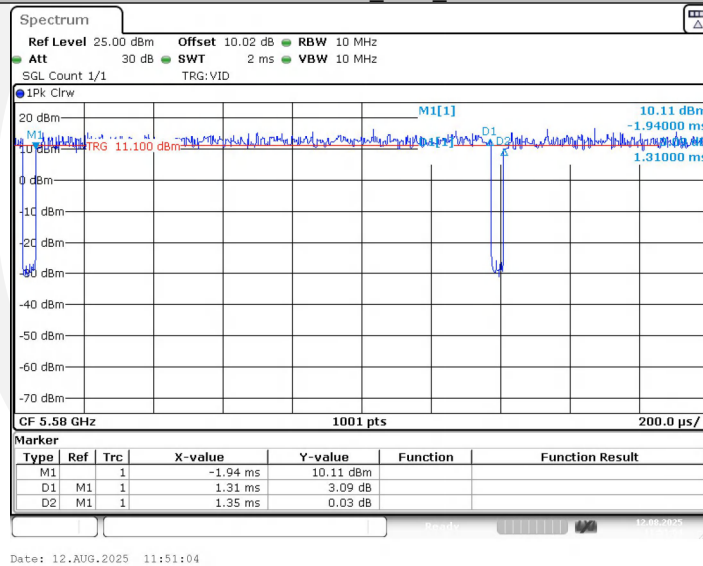
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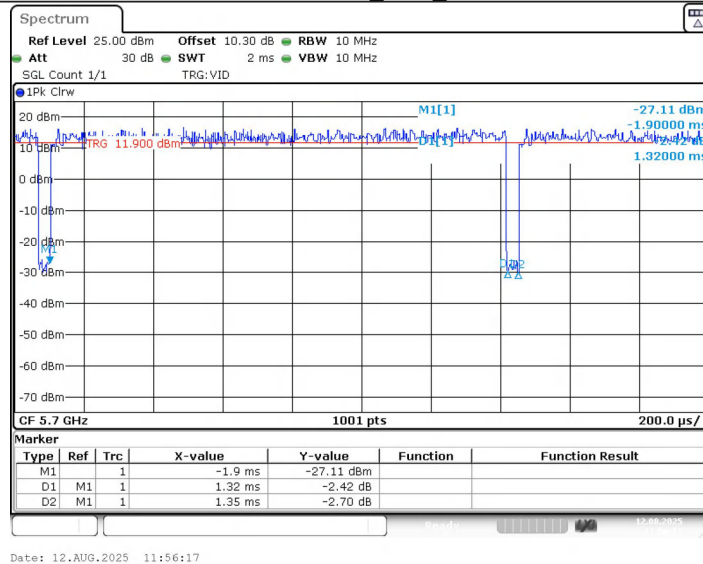
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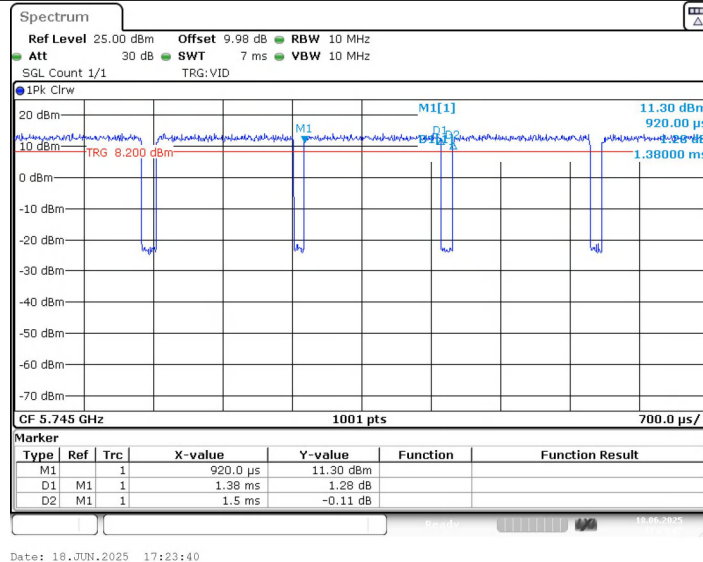
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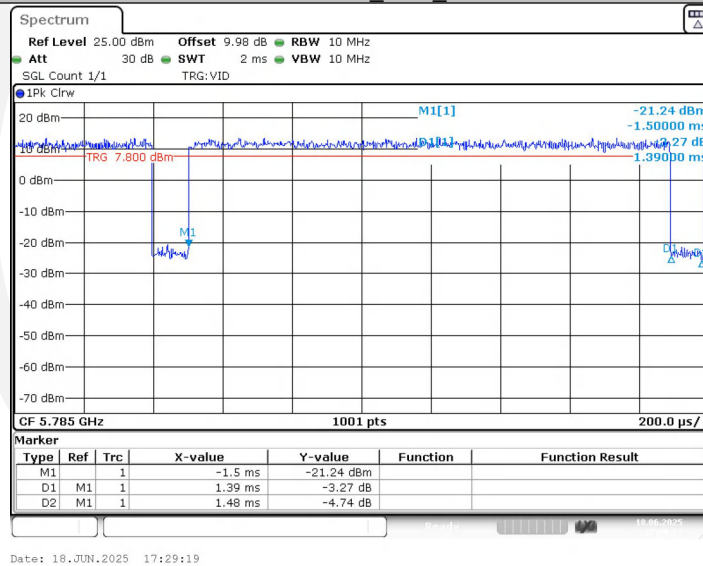
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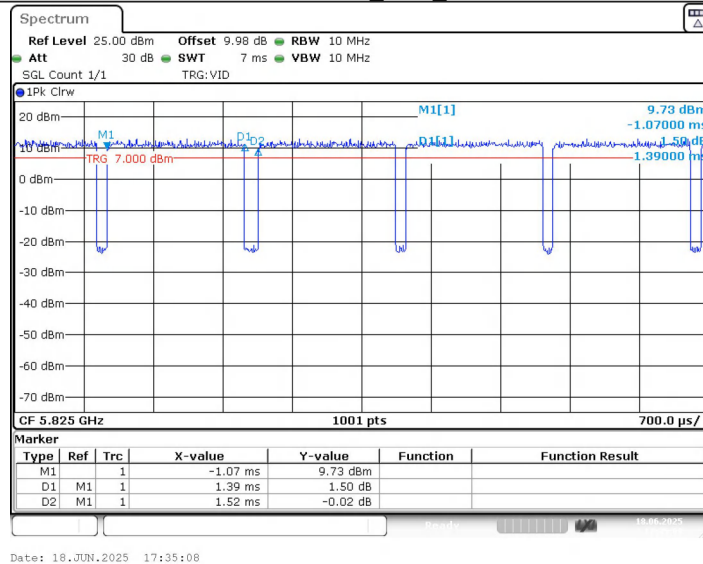
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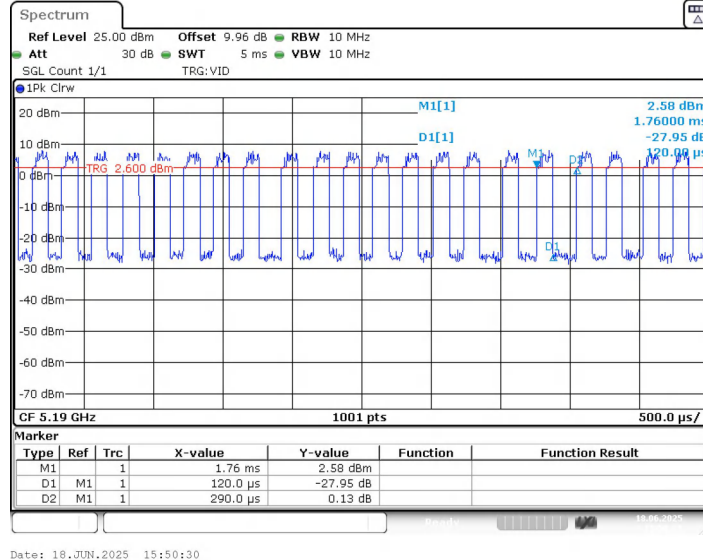
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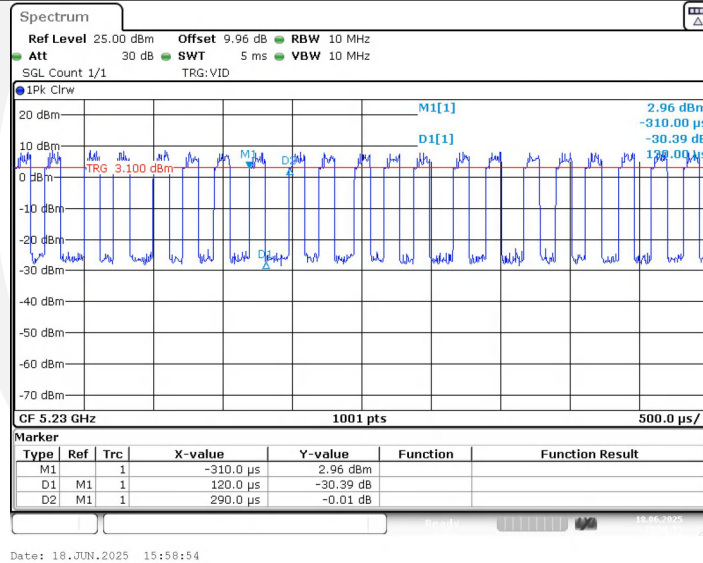
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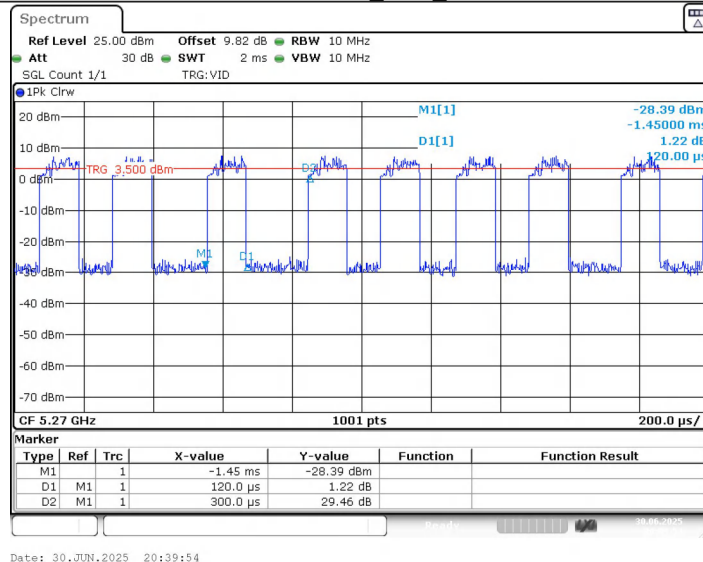
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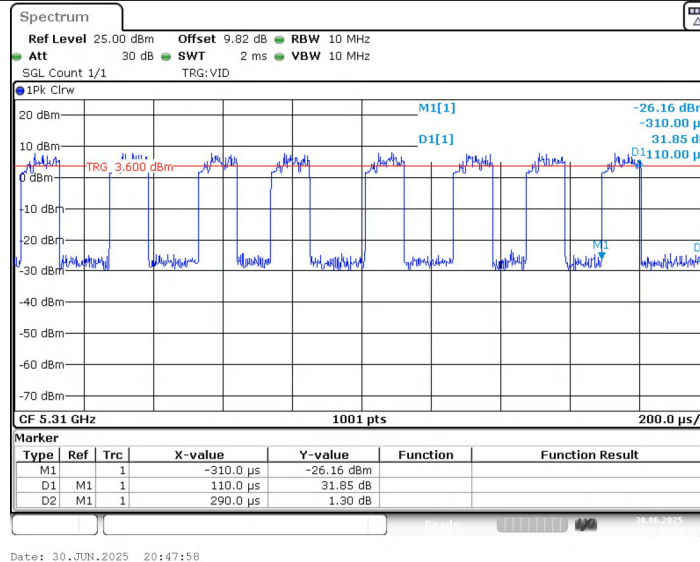
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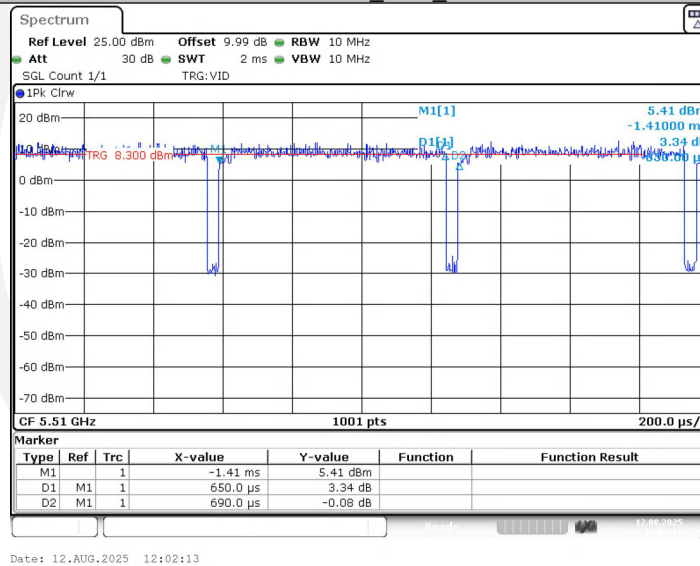
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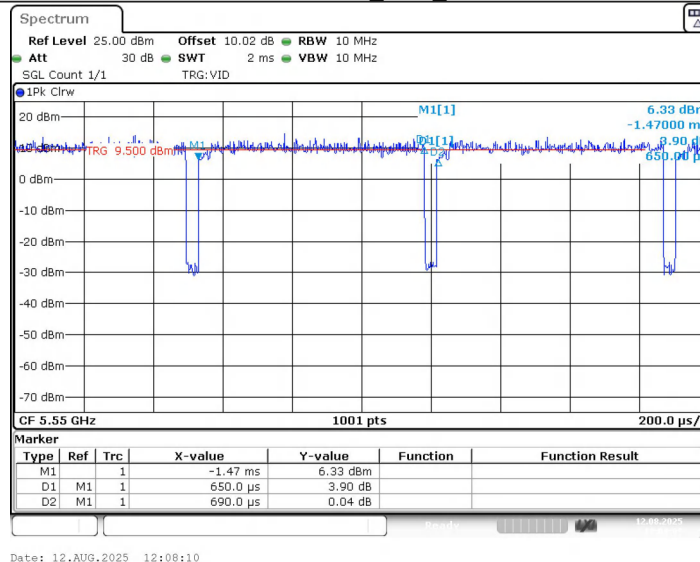
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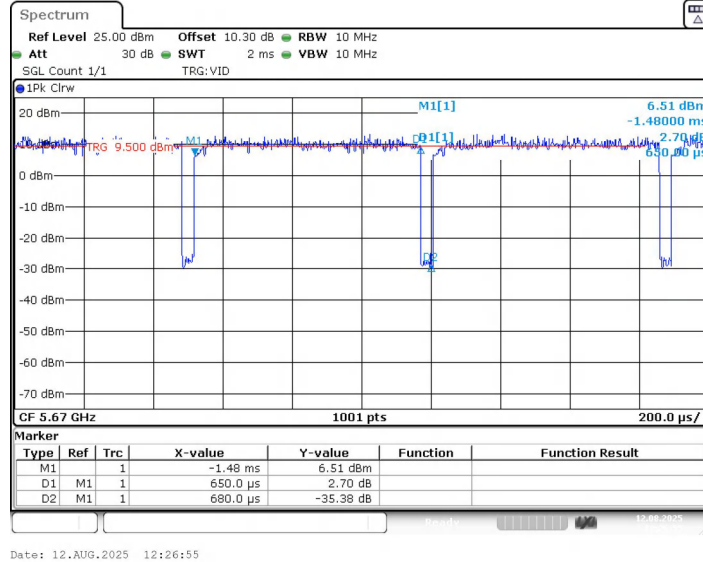
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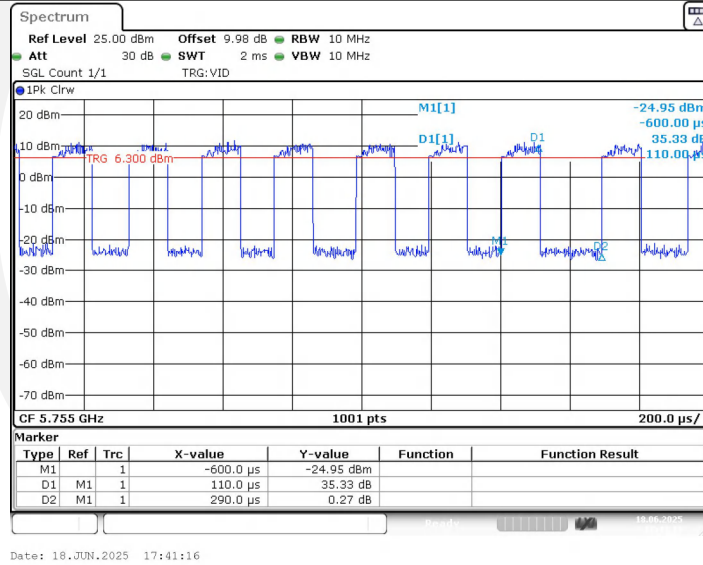
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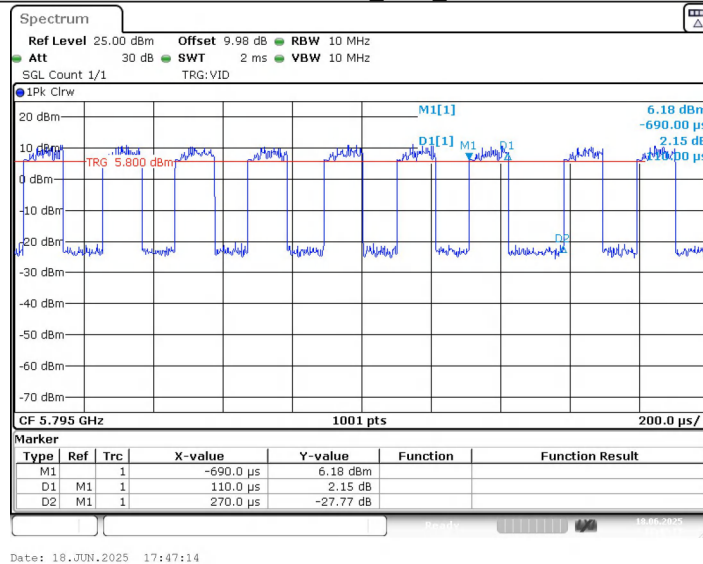
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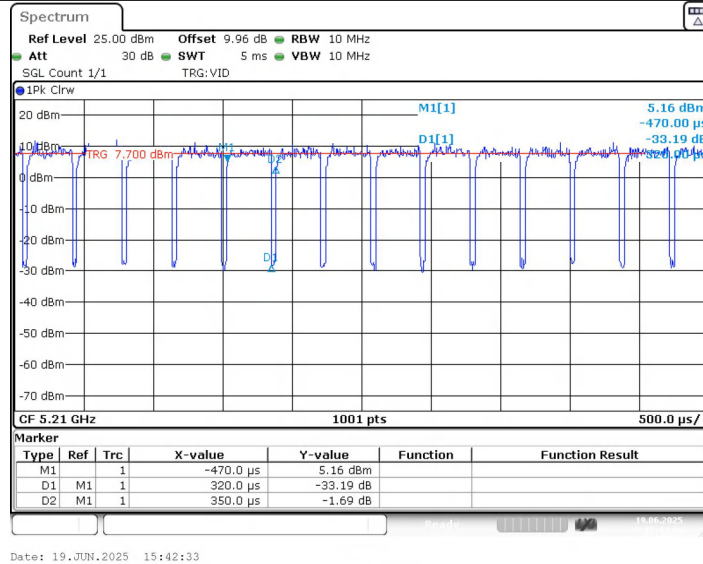
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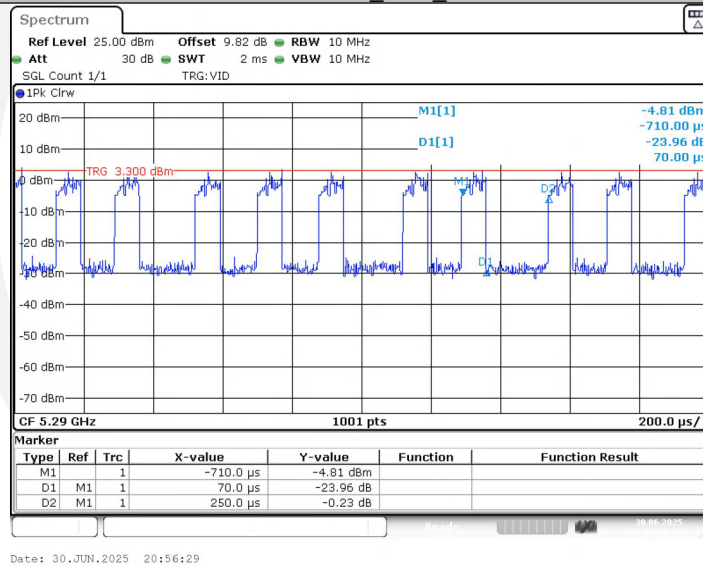
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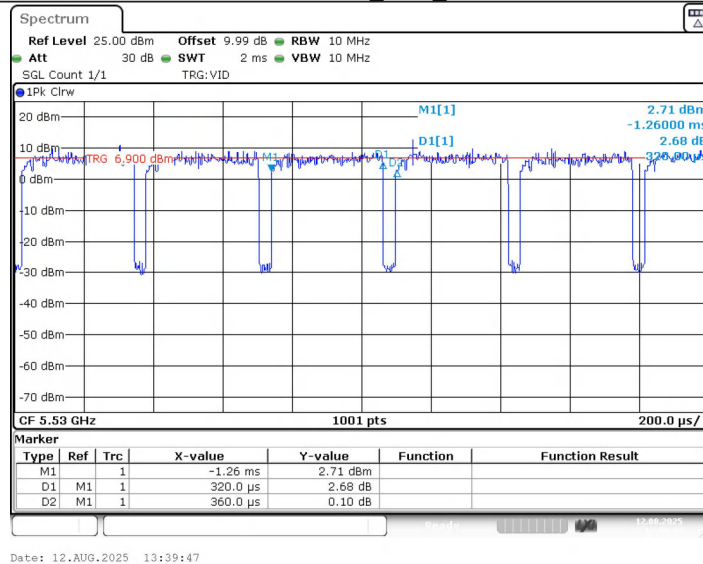
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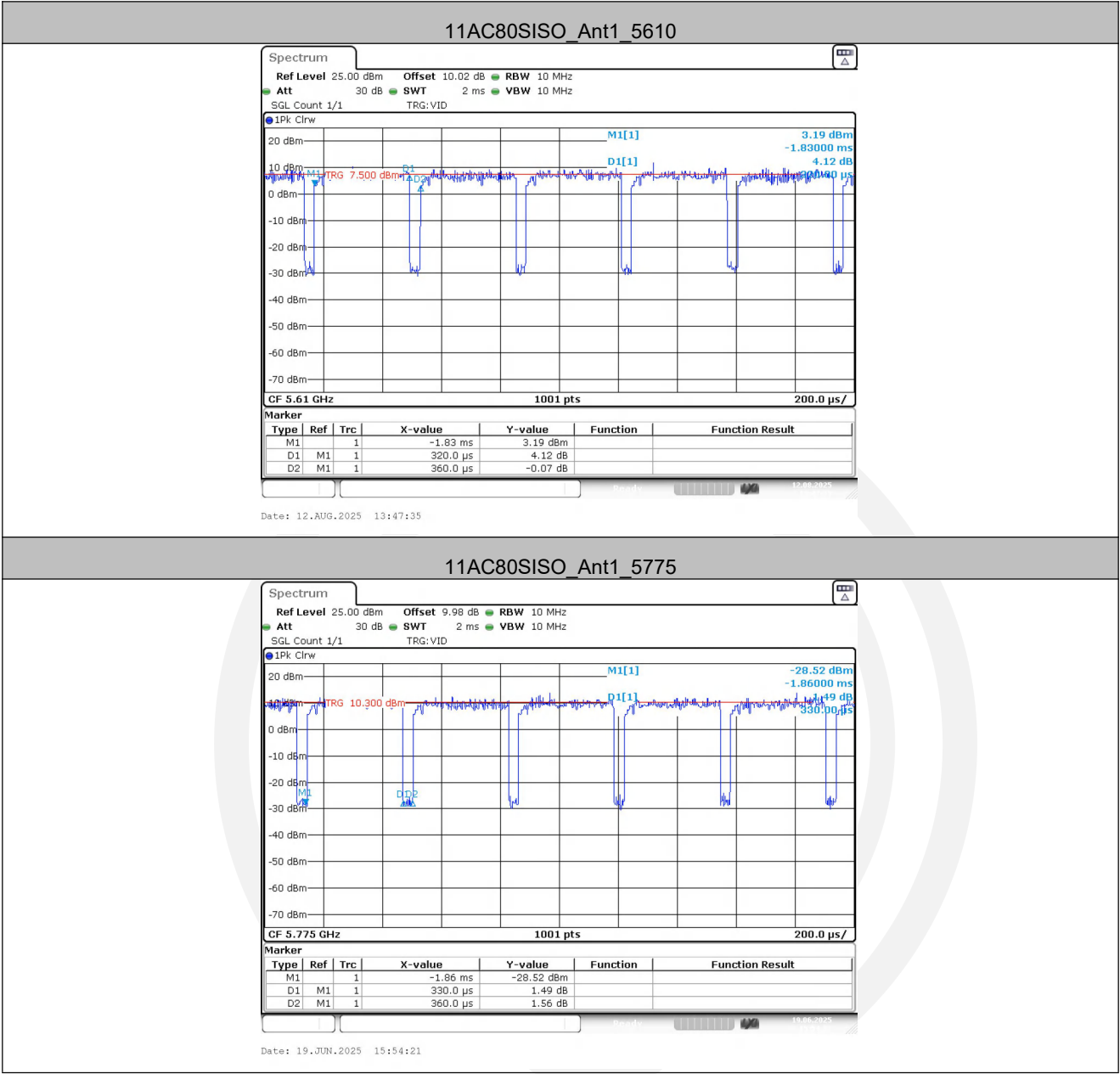


11AC80SISO_Ant1_5290



11AC80SISO_Ant1_5530





4.5 Power Spectral Density

Test Requirement:	15.407(a)(1)(iv)-(B1), 15.407(a)(2)(iv)-(B2, B3), 15.407(a)(3)(i)-(B4)
Test Method:	KDB 789033 D02 General UNII Test Procedures New Rules v02r01
Limit:	FCC: $1 \leq 11.00 \text{ dBm/MHz}$ for 5150MHz-5250MHz, 5250-5350MHz and 5470-5725 MHz $2 \leq 30.00 \text{ dBm/500KHz}$ for 5725MHz-5850MHz
Test setup:	 Spectrum Analyzer EUT
Test procedure:	1) Create an average power spectrum for the EUT operating mode being tested by following the instructions in section E)2) for measuring maximum conducted output power using a spectrum analyzer or EMI receiver: select the appropriate test method (SA-1, SA-2, SA-3, or alternatives to each) and apply it up to, but not including, the step labeled, "Compute power..." 2) Use the peak search function on the instrument to find the peak of the spectrum. 3) Make the following adjustments to the peak value of the spectrum, if applicable: a) If Method SA-2 or SA-2 Alternative was used, add $10 \log(1/x)$, where x is the duty cycle, to the peak of the spectrum. b) If Method SA-3 Alternative was used and the linear mode was used in step E)2)g)(viii), add 1 dB to the final result to compensate for the difference between linear averaging and power averaging. 4) The result is the PSD.
Test Instruments:	Refer to section 3.0 for details
Test mode:	Refer to section 2.2 for details
Test results:	Pass

Measurement Data

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-3.16	≤11.00	PASS
		5200	-2.89	≤11.00	PASS
		5240	-1.15	≤11.00	PASS
		5260	-8.89	≤11.00	PASS
		5280	-8.09	≤11.00	PASS
		5320	-8.61	≤11.00	PASS
		5500	-2.36	≤11.00	PASS
		5580	-1.38	≤11.00	PASS
		5700	-0.12	≤11.00	PASS
		5745	-1.52	≤30.00	PASS
		5785	-2.19	≤30.00	PASS
		5825	-3.44	≤30.00	PASS
11N20SISO	Ant1	5180	-1.28	≤11.00	PASS
		5200	-1.72	≤11.00	PASS
		5240	-1.14	≤11.00	PASS
		5260	-8.04	≤11.00	PASS
		5280	-7.65	≤11.00	PASS
		5320	-6.00	≤11.00	PASS
		5500	-2.99	≤11.00	PASS
		5580	-1.95	≤11.00	PASS
		5700	-1.04	≤11.00	PASS
		5745	-4.61	≤30.00	PASS
		5785	-5.82	≤30.00	PASS
		5825	-6.07	≤30.00	PASS
11N40SISO	Ant1	5190	-5.53	≤11.00	PASS
		5230	-2.32	≤11.00	PASS
		5270	-10.29	≤11.00	PASS
		5310	-10.00	≤11.00	PASS
		5510	-5.77	≤11.00	PASS
		5550	-4.83	≤11.00	PASS
		5670	-4.94	≤11.00	PASS
		5755	-6.85	≤30.00	PASS
		5795	-6.27	≤30.00	PASS
11AC20SISO	Ant1	5180	-2.62	≤11.00	PASS
		5200	-3.49	≤11.00	PASS
		5240	-3.13	≤11.00	PASS
		5260	-6.40	≤11.00	PASS

		5280	-5.39	≤11.00	PASS
		5320	-5.16	≤11.00	PASS
		5500	-2.74	≤11.00	PASS
		5580	-1.19	≤11.00	PASS
		5700	-1.38	≤11.00	PASS
		5745	-4.46	≤30.00	PASS
		5785	-4.85	≤30.00	PASS
		5825	-5.54	≤30.00	PASS
11AC40SISO	Ant1	5190	-8.60	≤11.00	PASS
		5230	-8.37	≤11.00	PASS
		5270	-8.08	≤11.00	PASS
		5310	-7.76	≤11.00	PASS
		5510	-5.78	≤11.00	PASS
		5550	-4.96	≤11.00	PASS
		5670	-4.71	≤11.00	PASS
		5755	-6.18	≤30.00	PASS
		5795	-6.10	≤30.00	PASS
11AC80SISO	Ant1	5210	-6.08	≤11.00	PASS
		5290	-12.74	≤11.00	PASS
		5530	-7.97	≤11.00	PASS
		5610	-7.38	≤11.00	PASS
		5775	-8.12	≤30.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

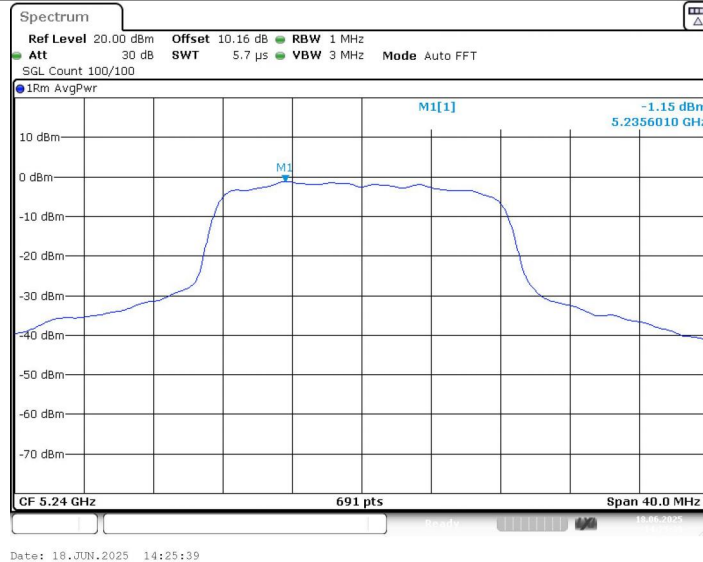
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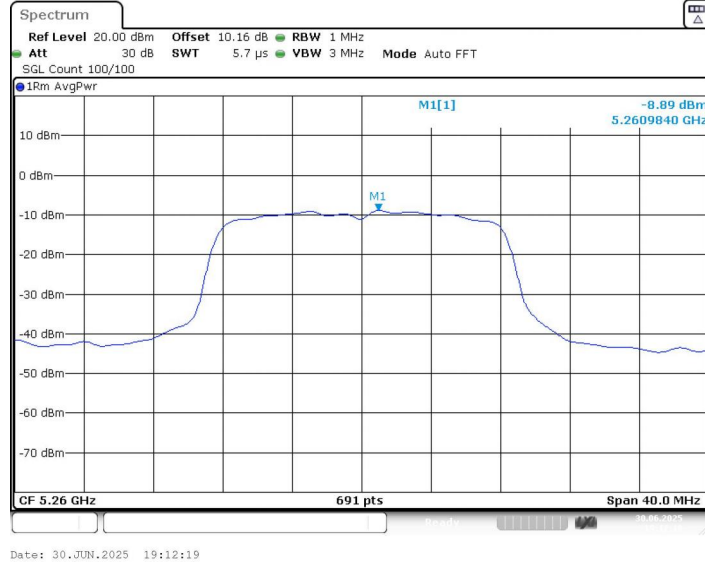
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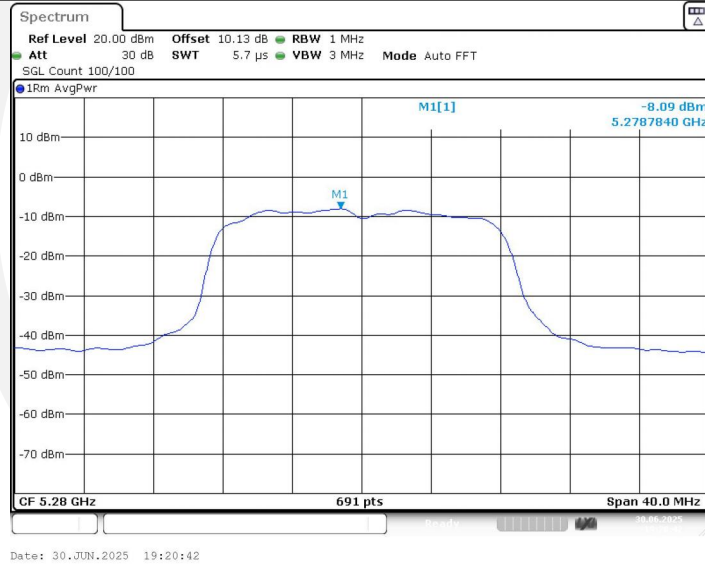
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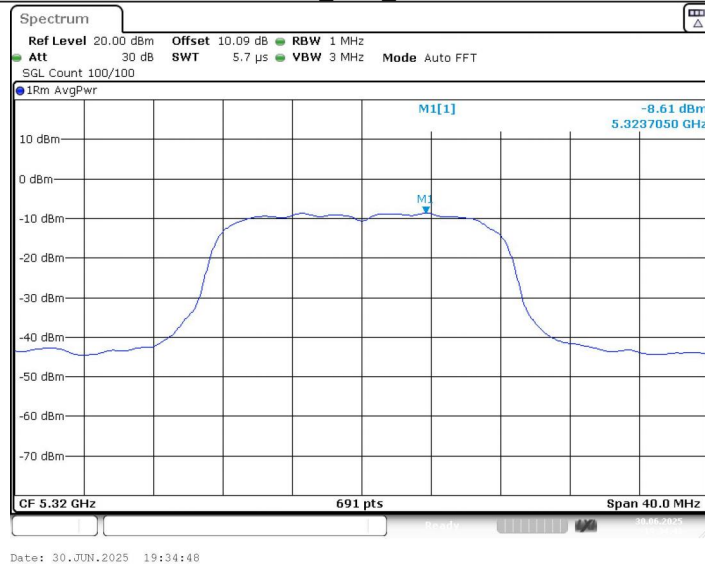
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11A_Ant1_5280



11A_Ant1_5320



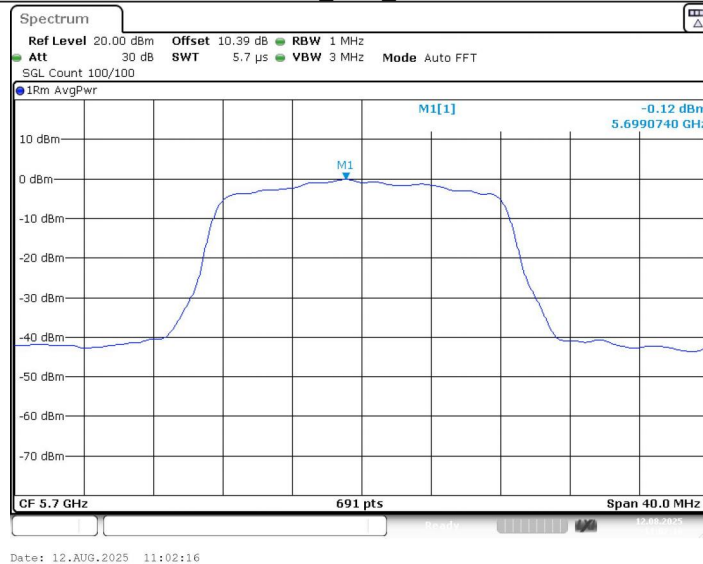
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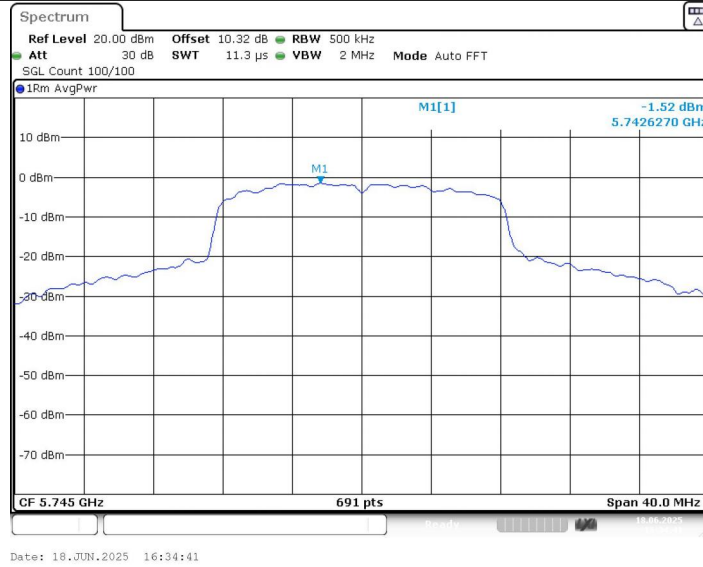
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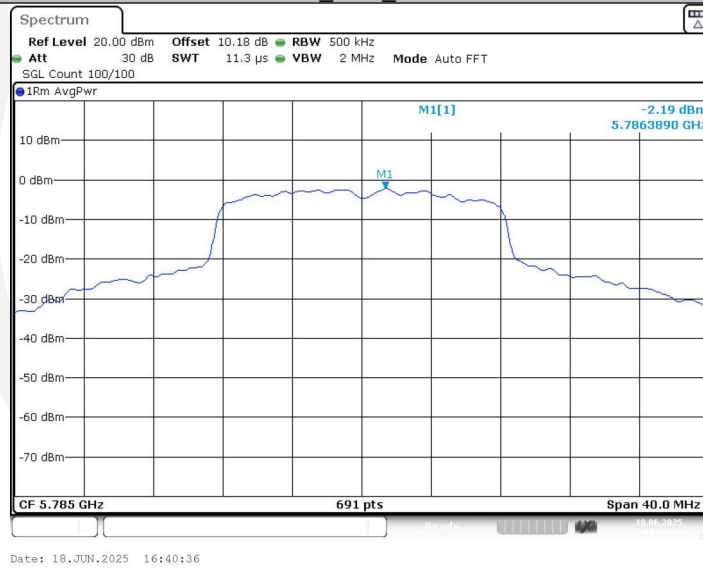
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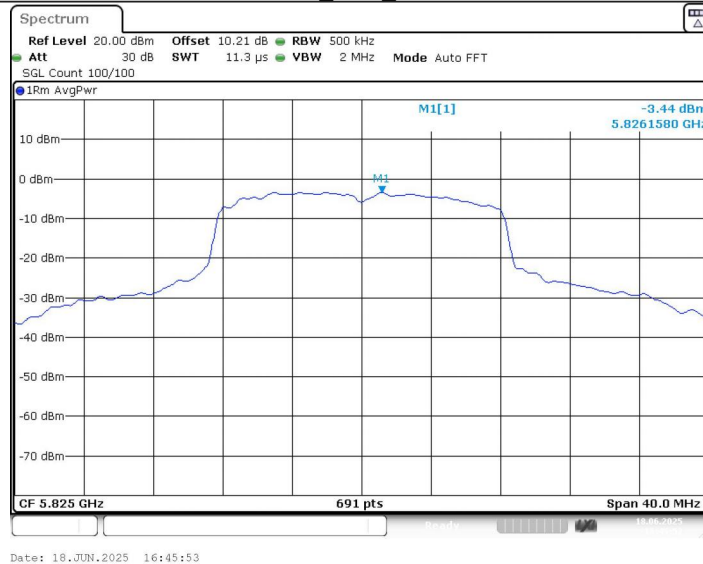
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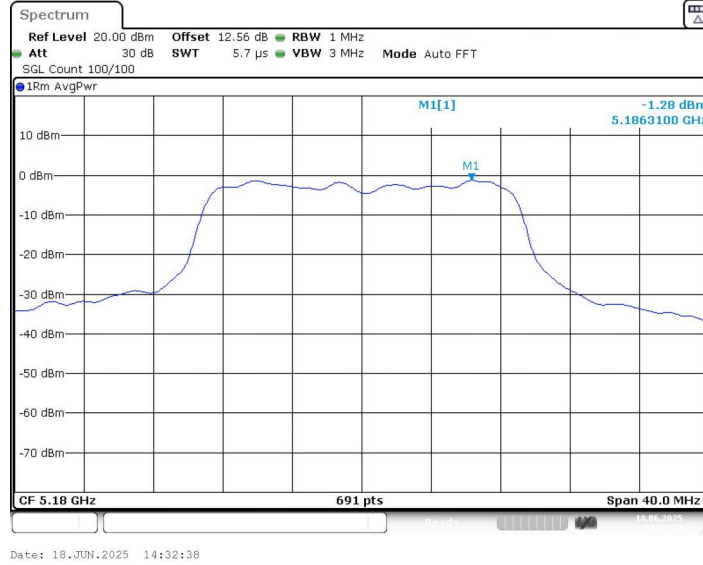
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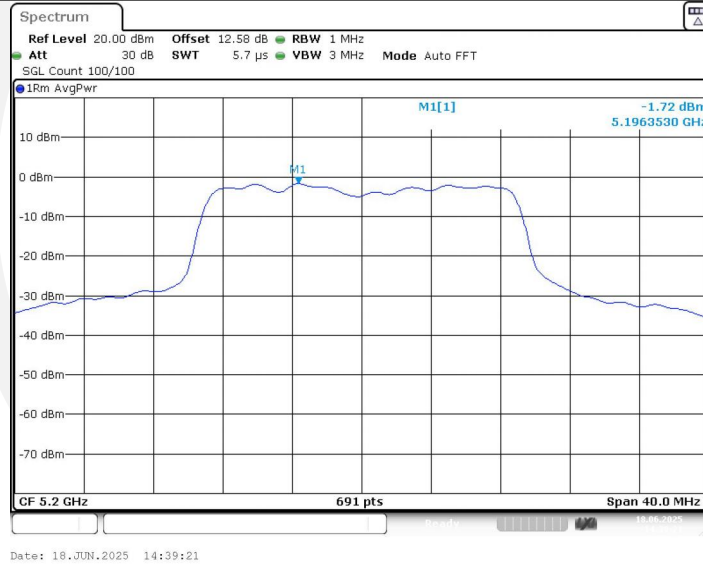
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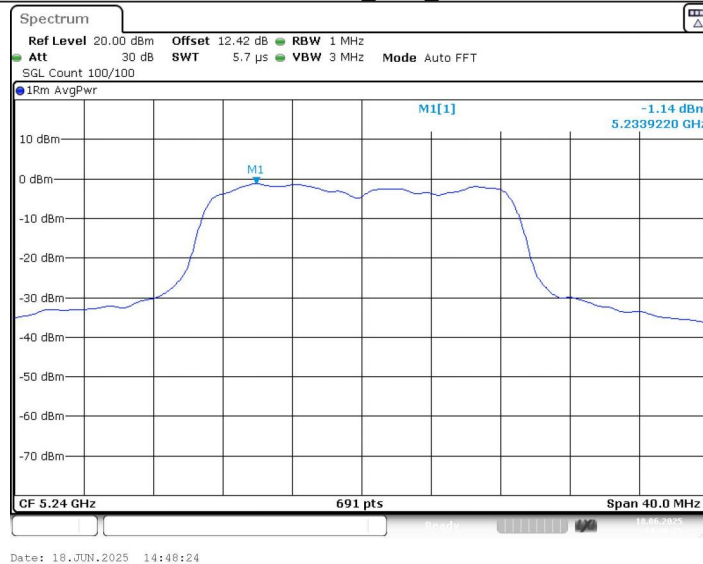
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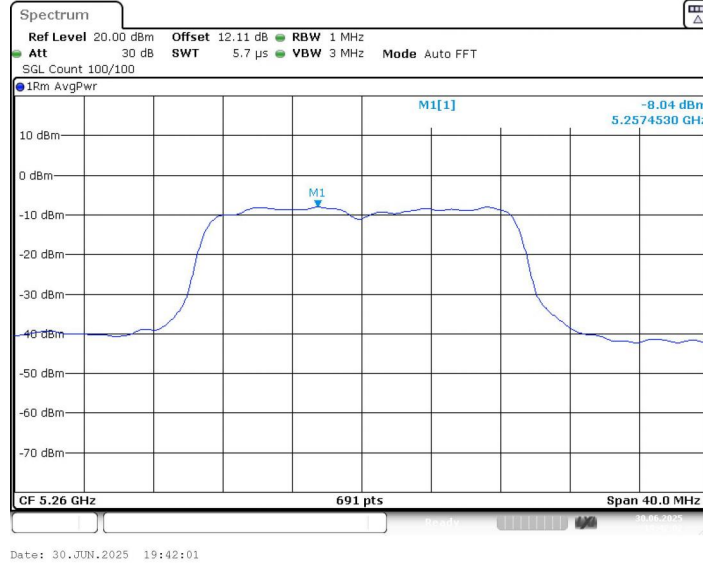
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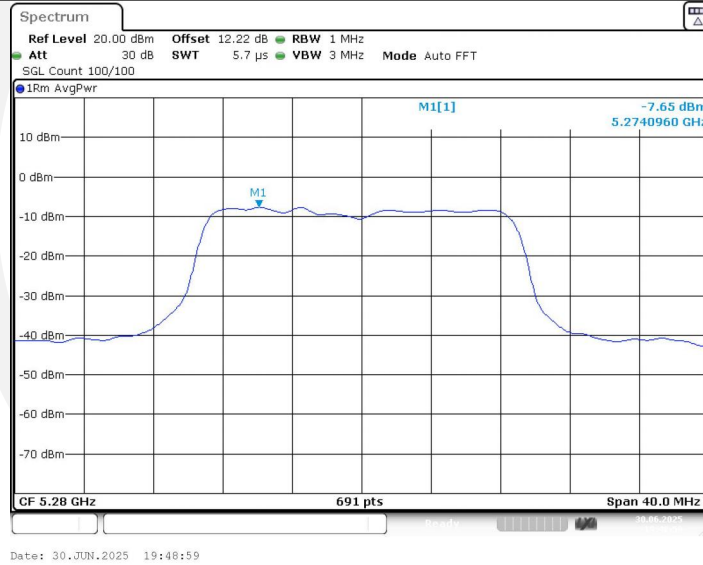
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11N20SISO_Ant1_5260



11N20SISO_Ant1_5280



11N20SISO_Ant1_5320

