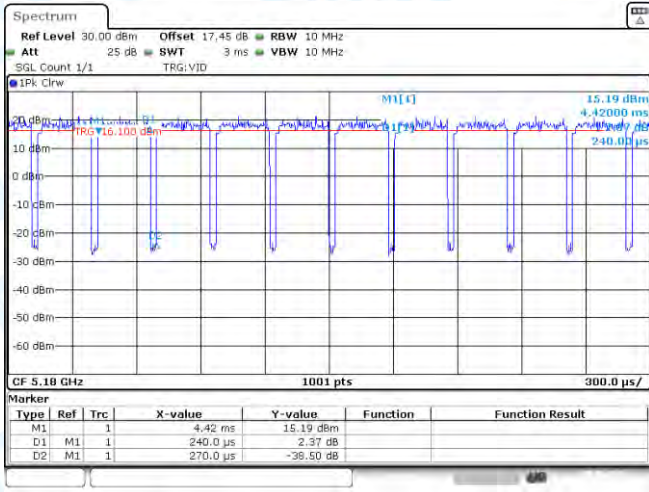
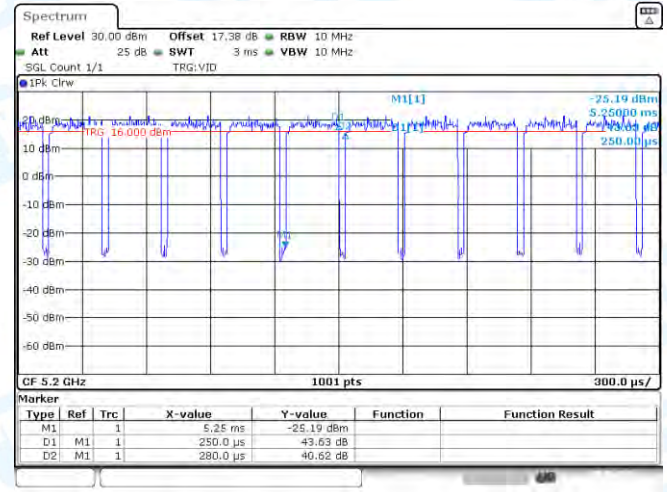


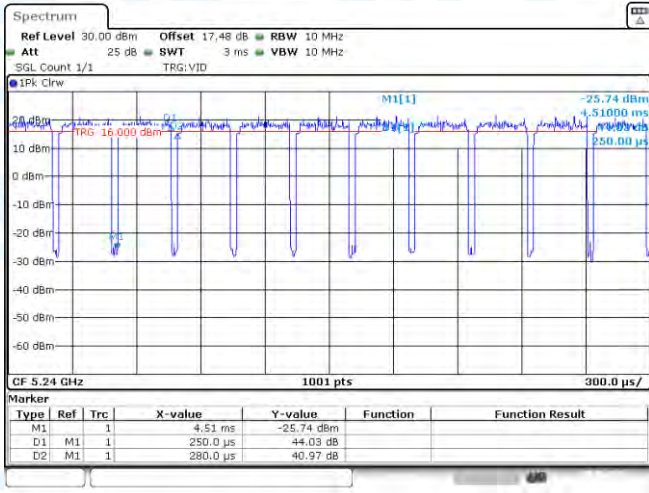
4.2 Test Graphs



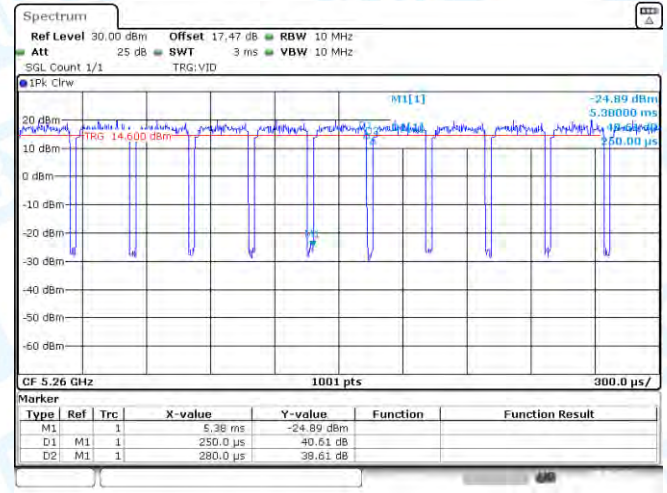
NTNV-11A-Ant1-5180



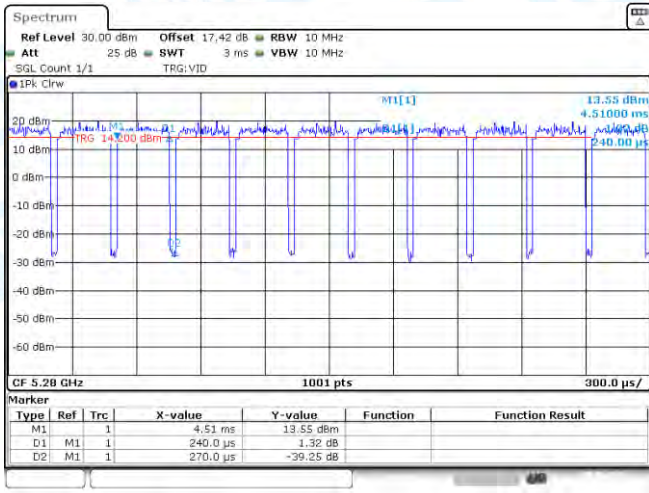
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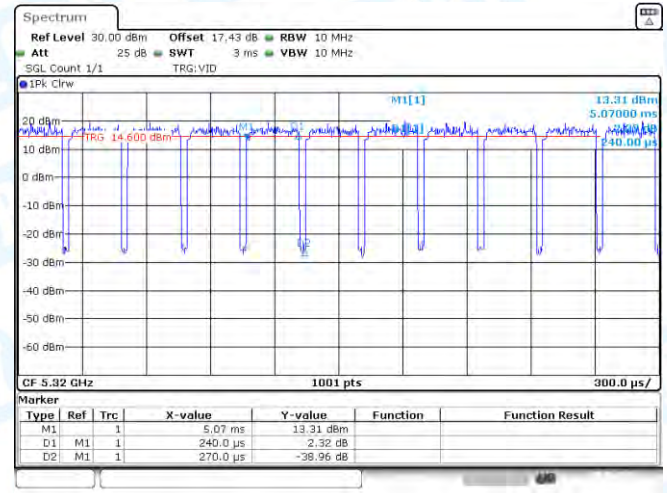
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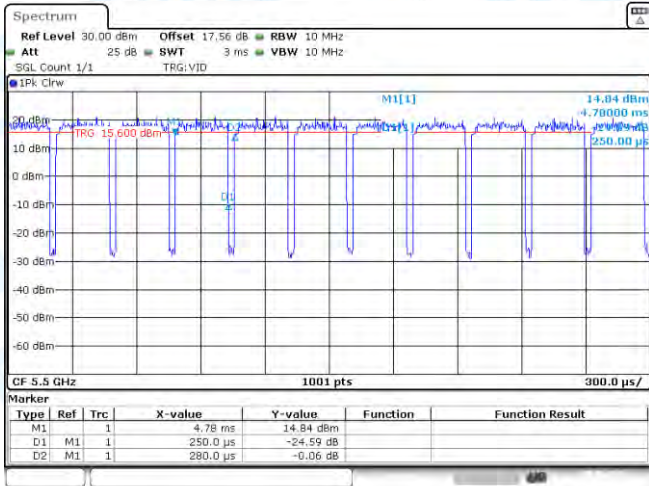
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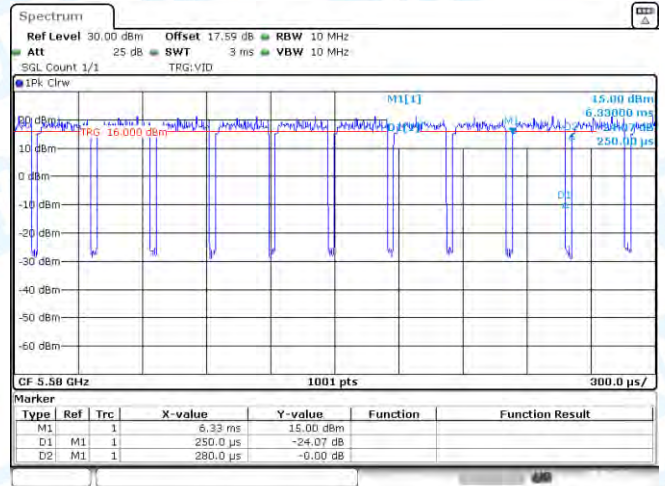
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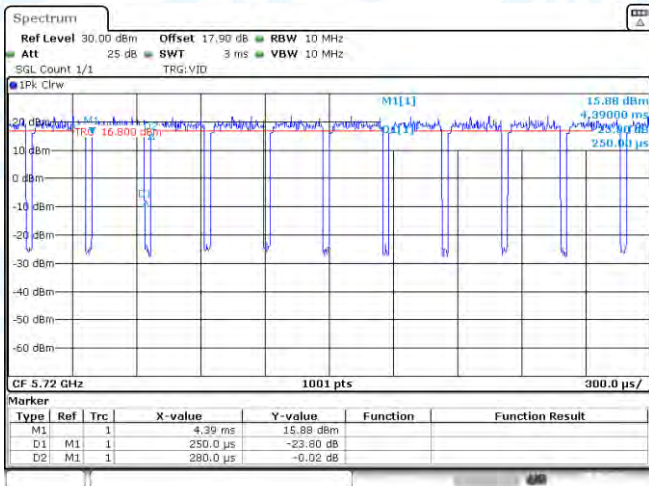
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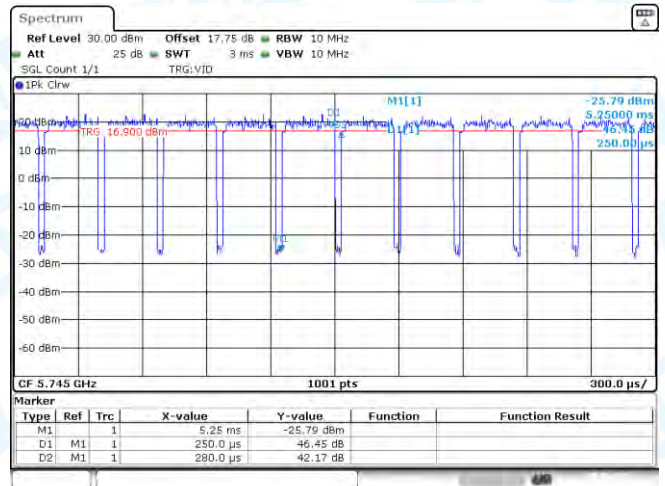
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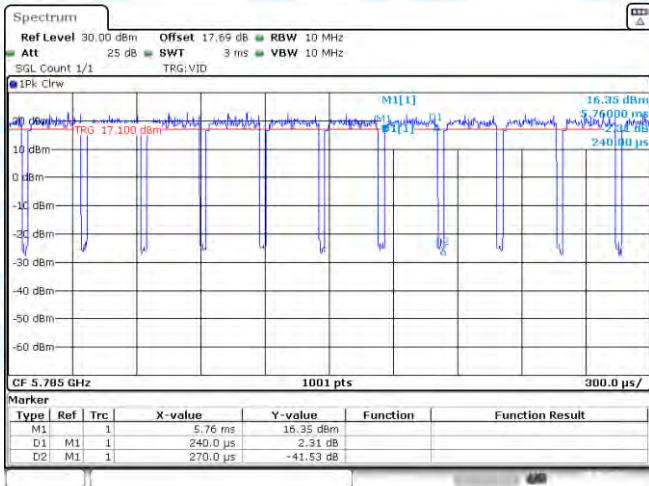
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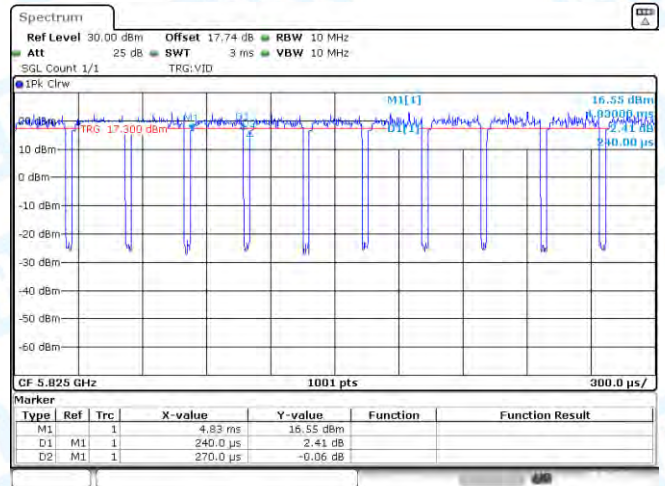
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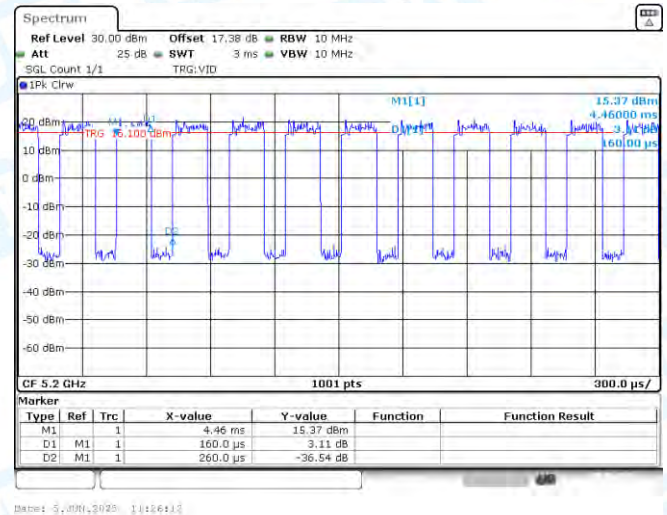
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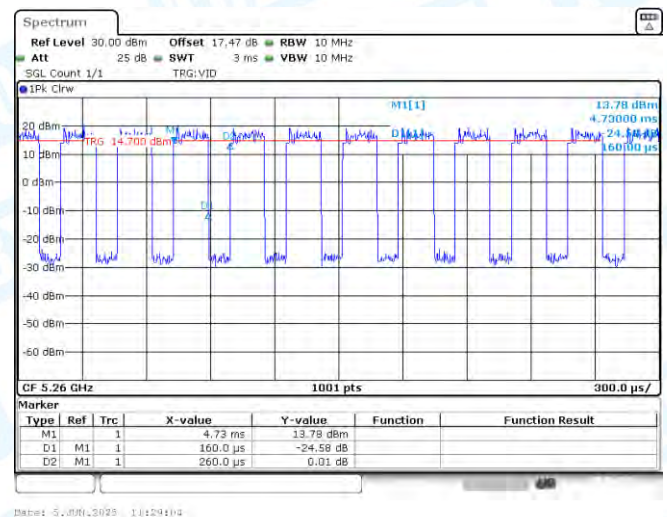
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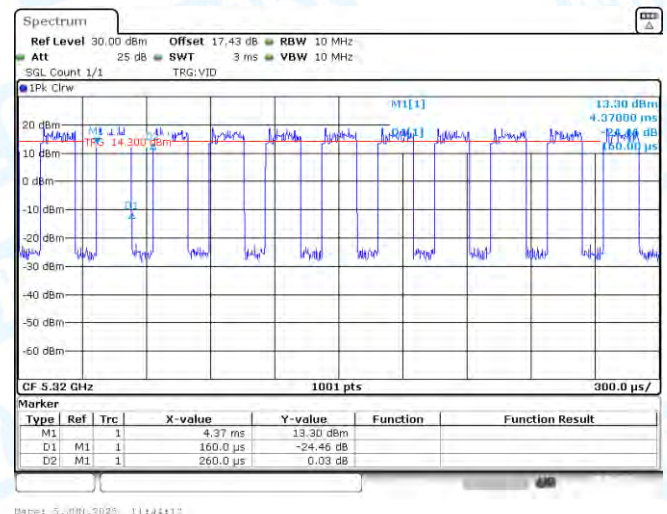
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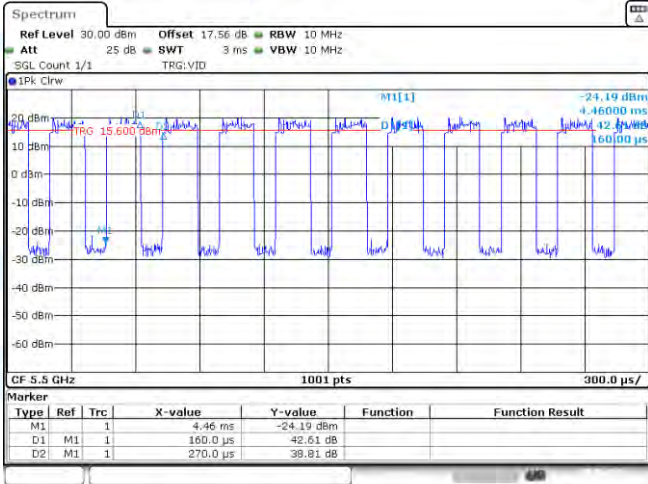
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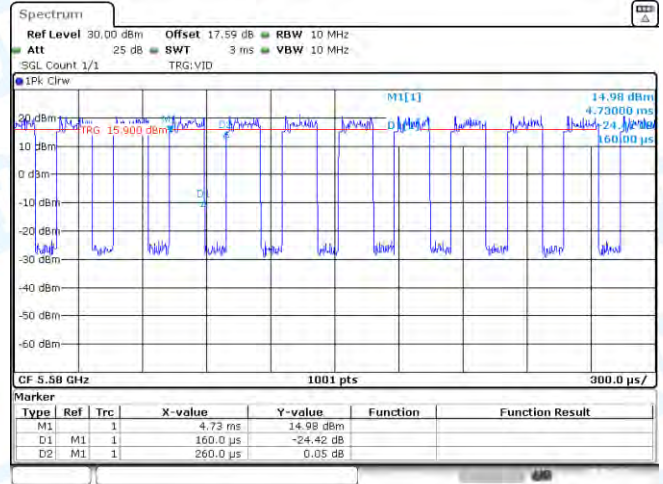
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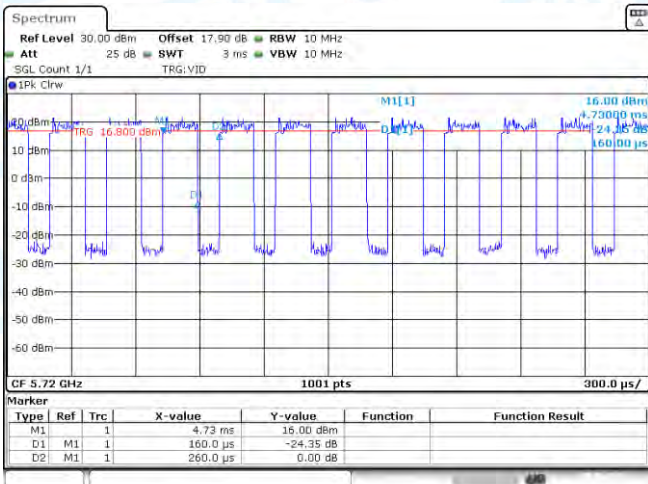
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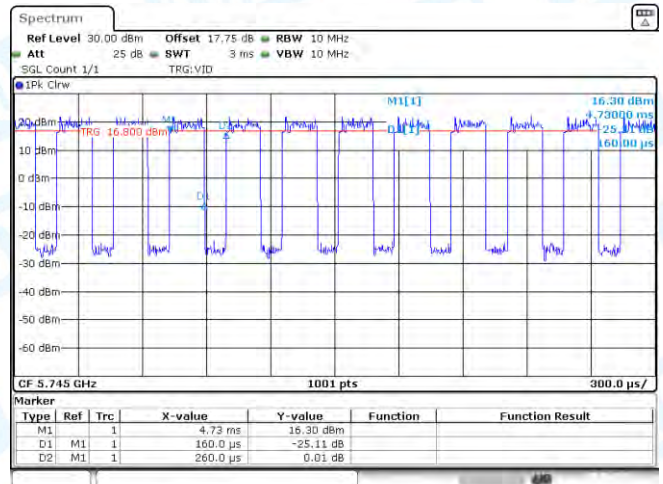
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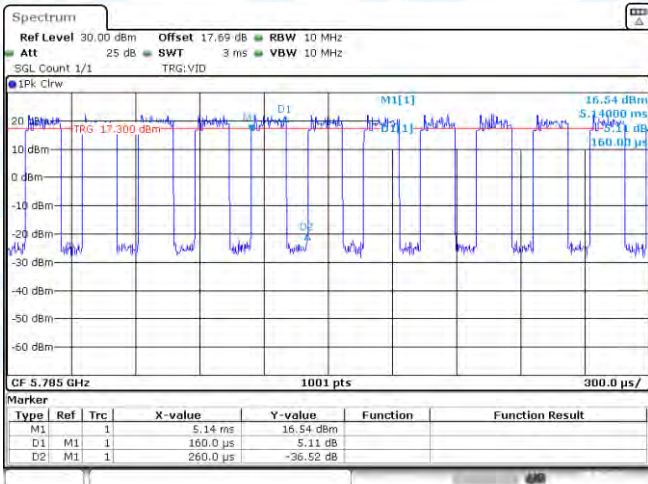
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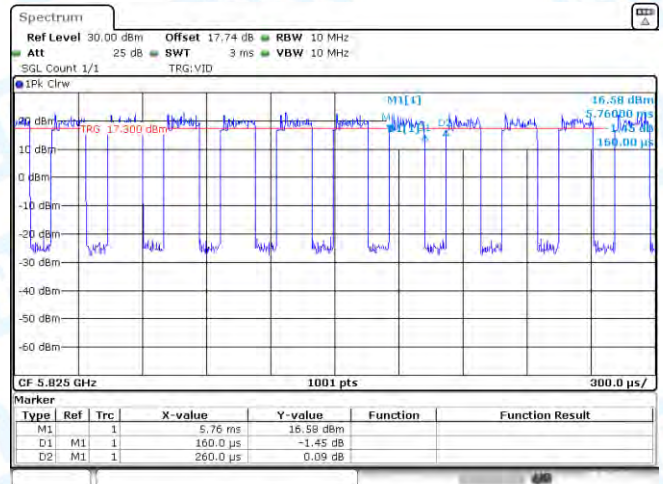
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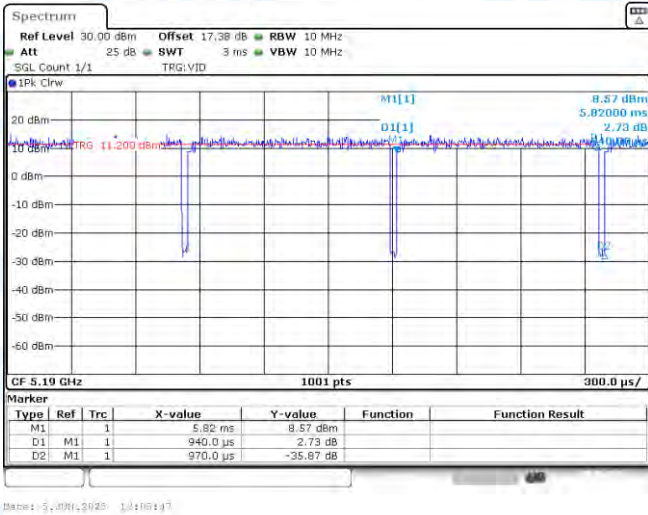
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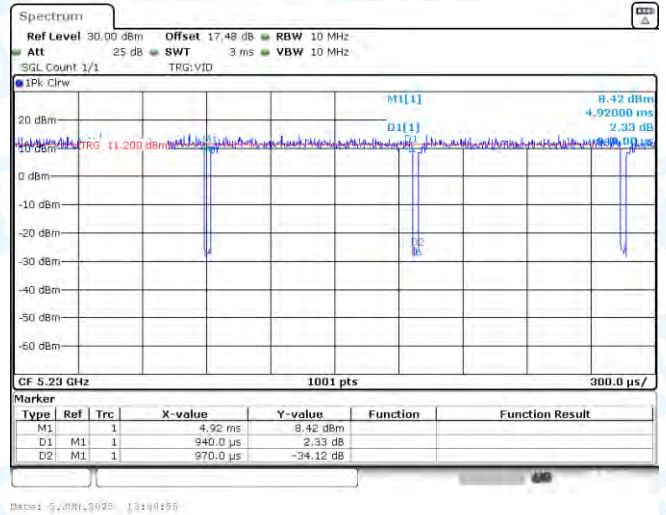
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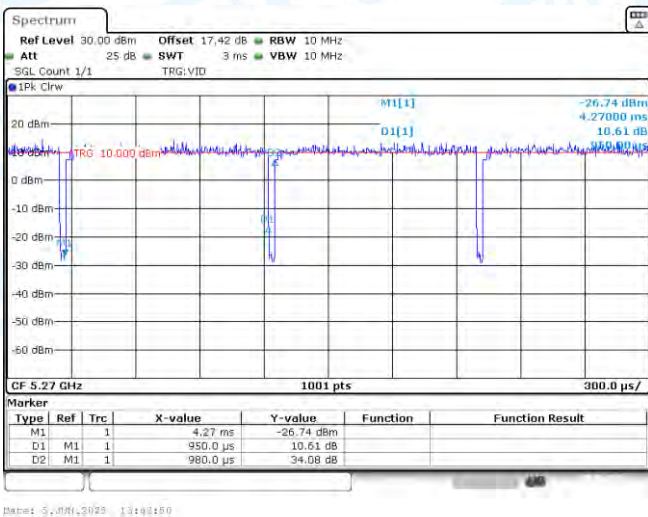
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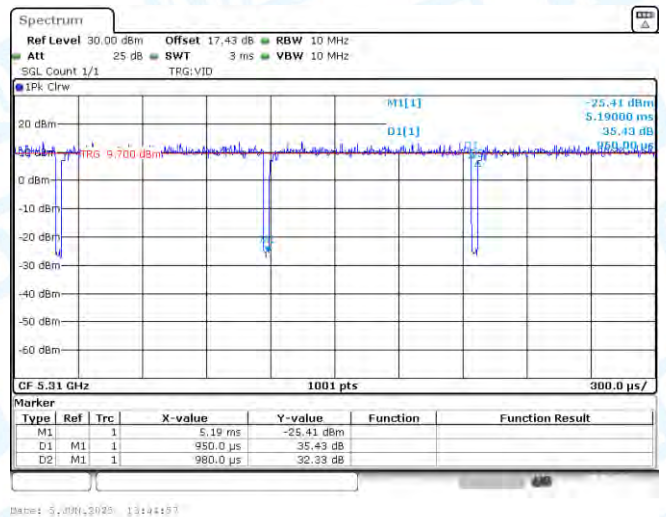
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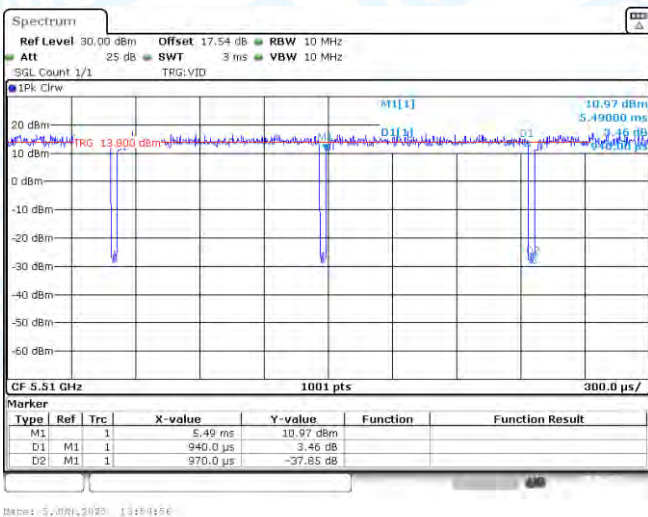
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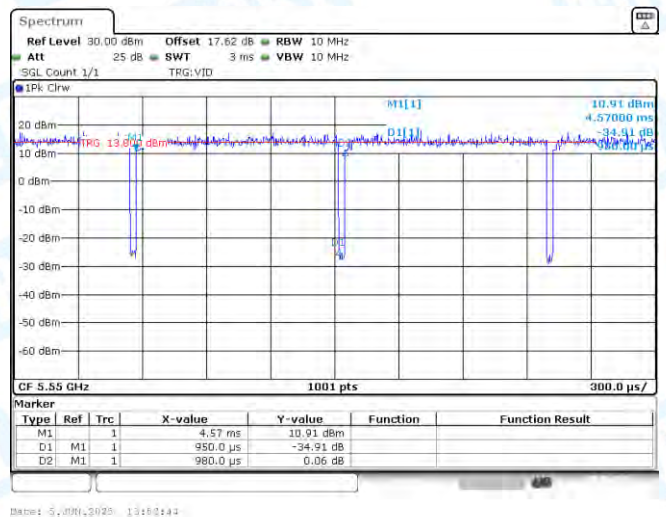
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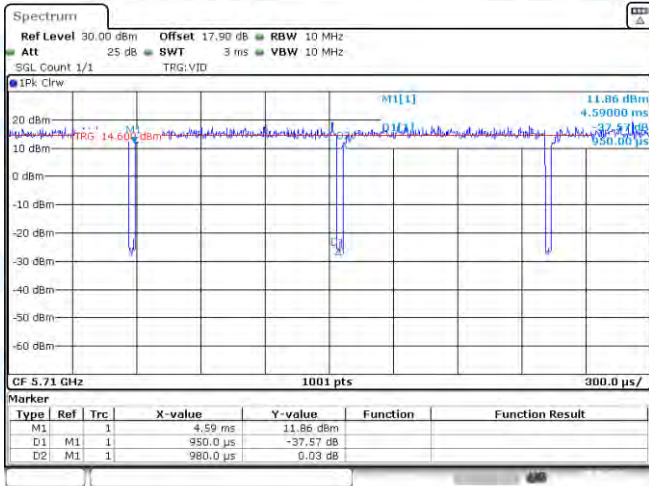
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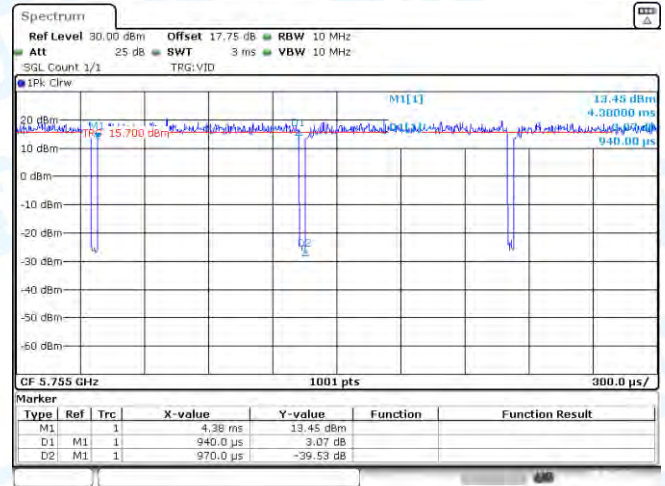
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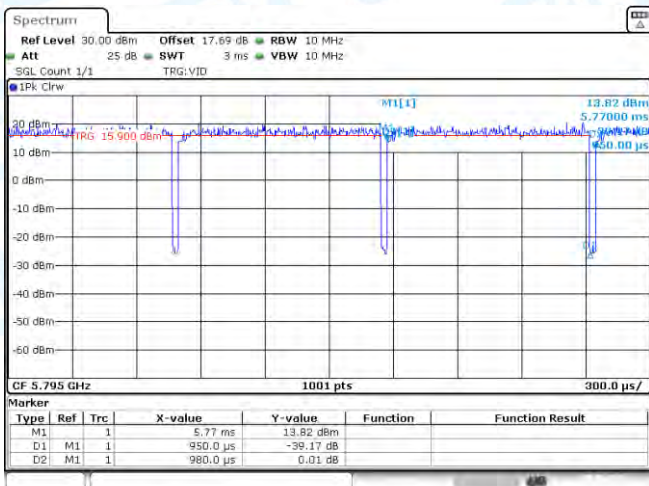
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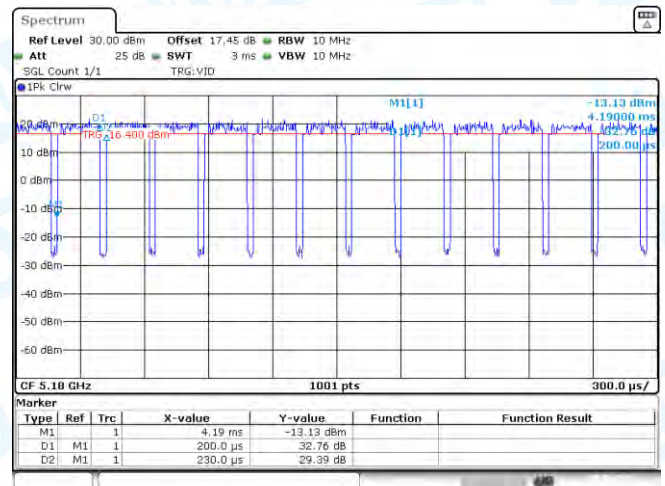
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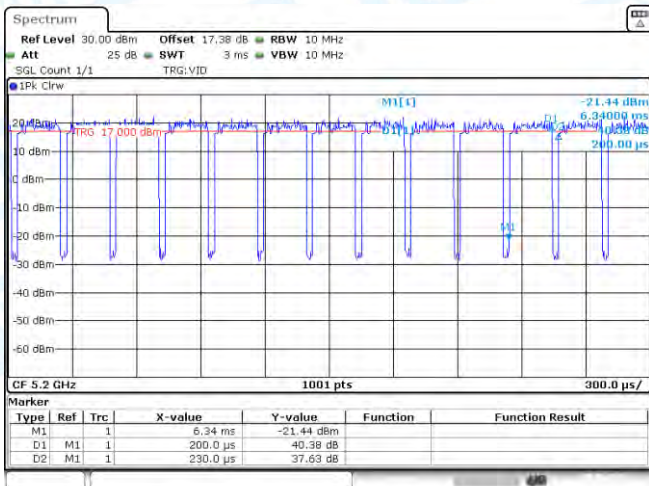
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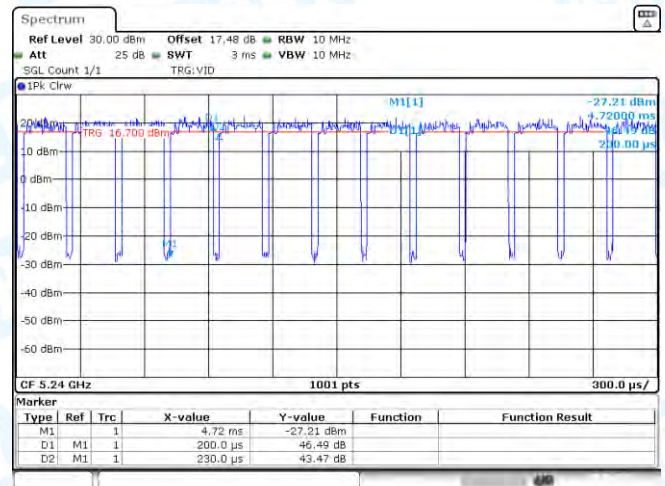
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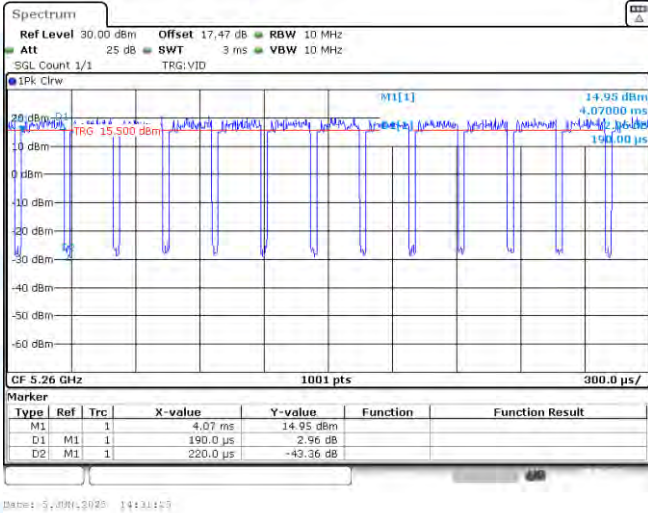
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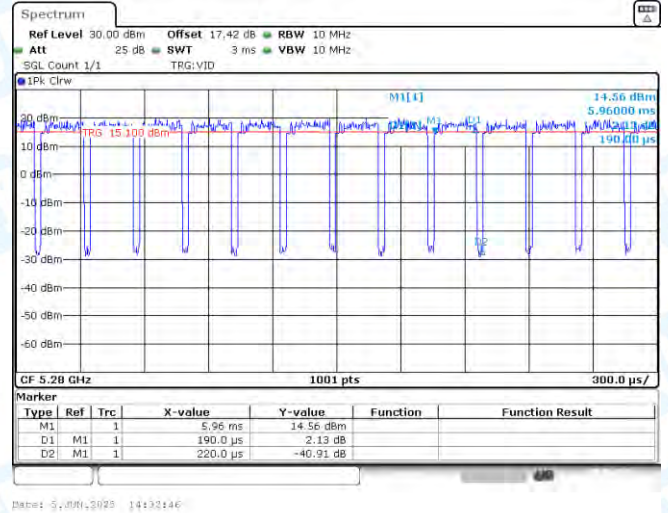
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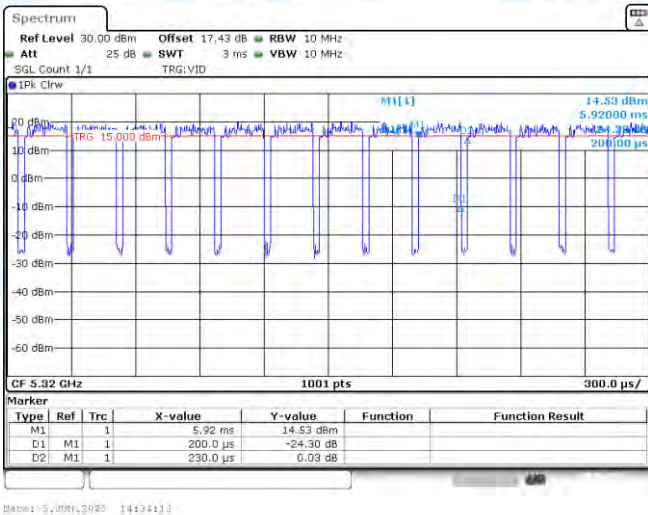
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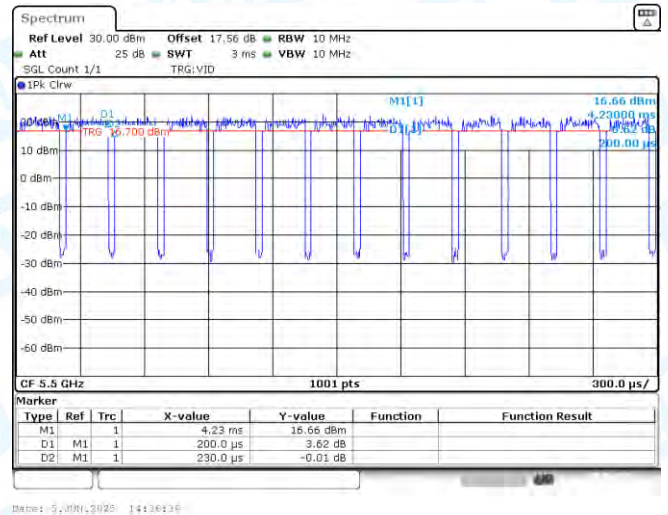
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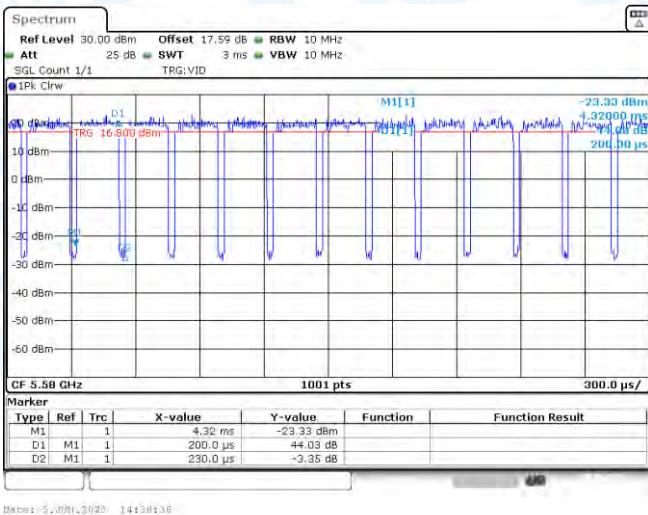
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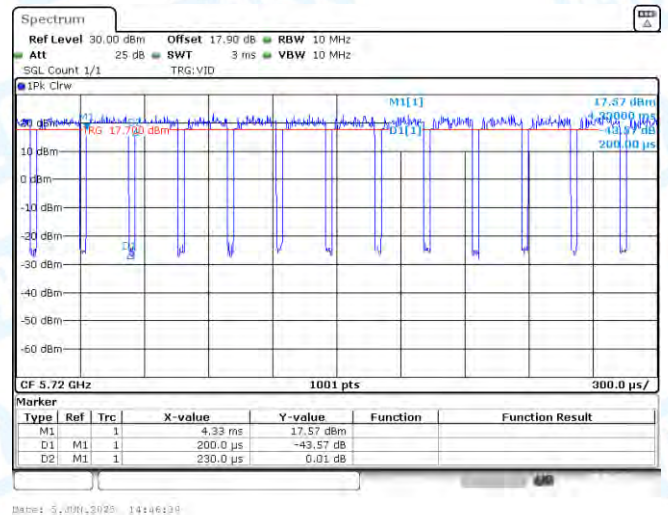
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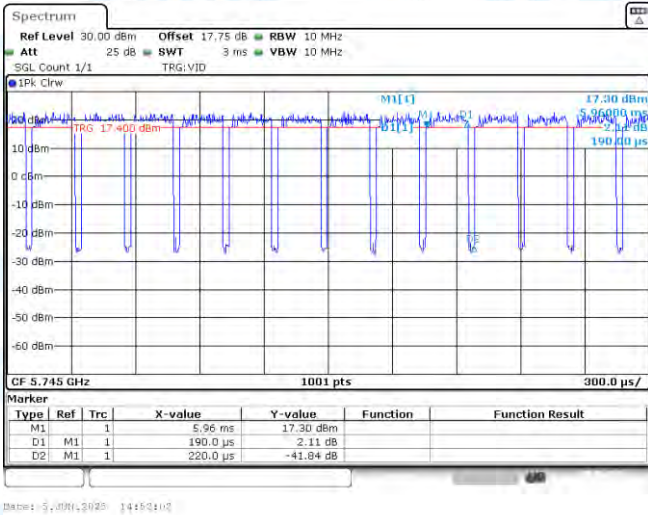
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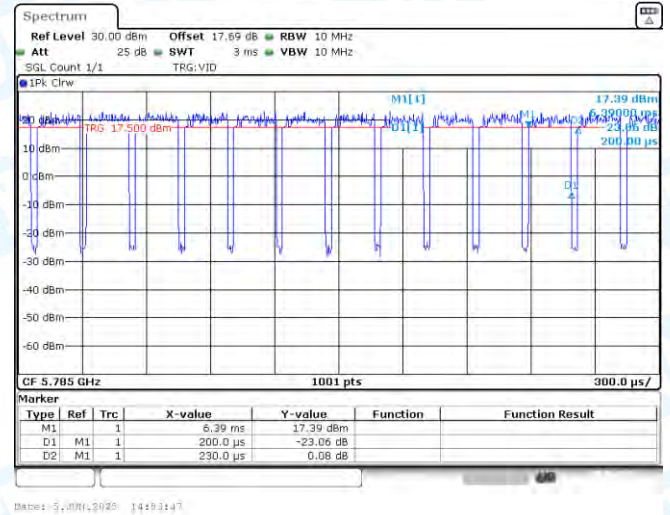
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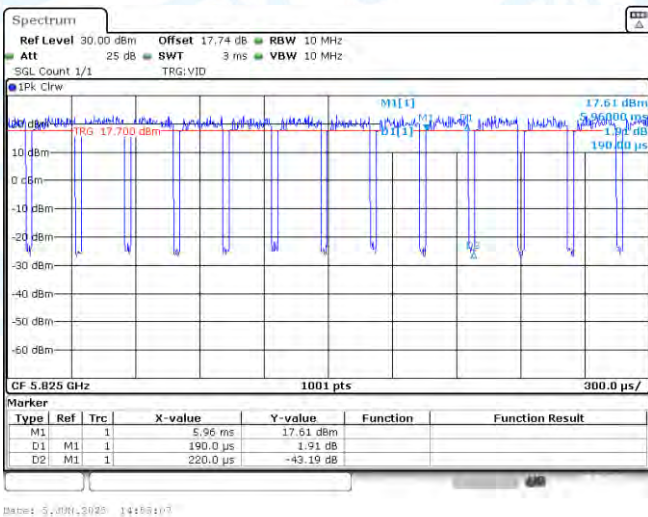
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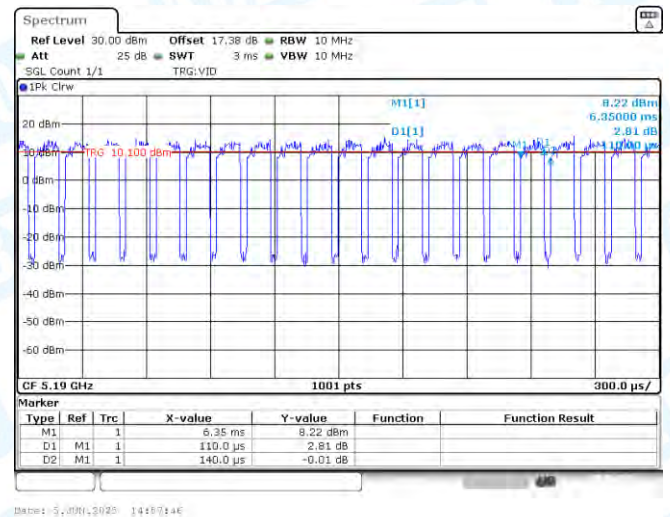
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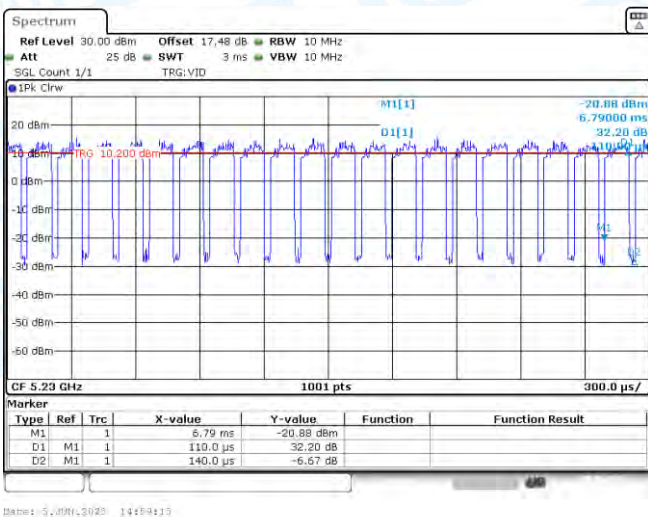
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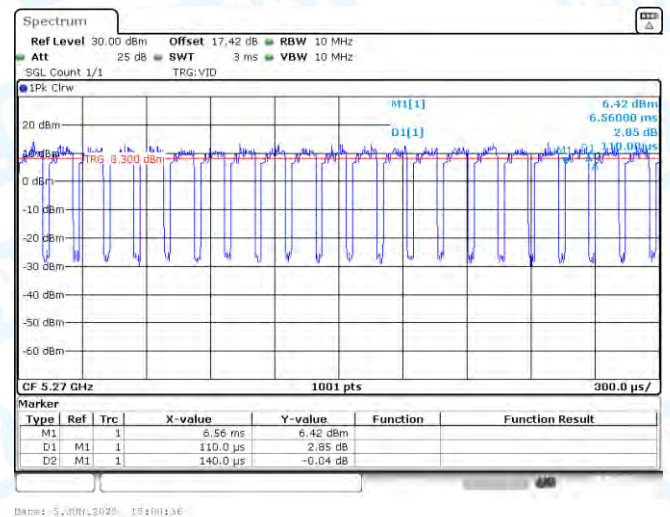
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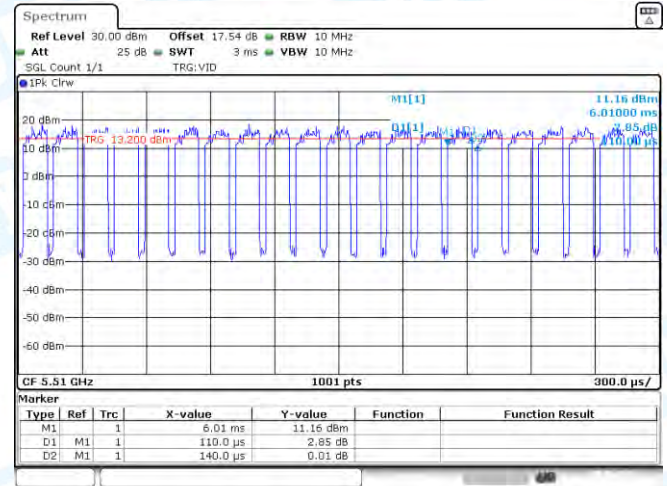
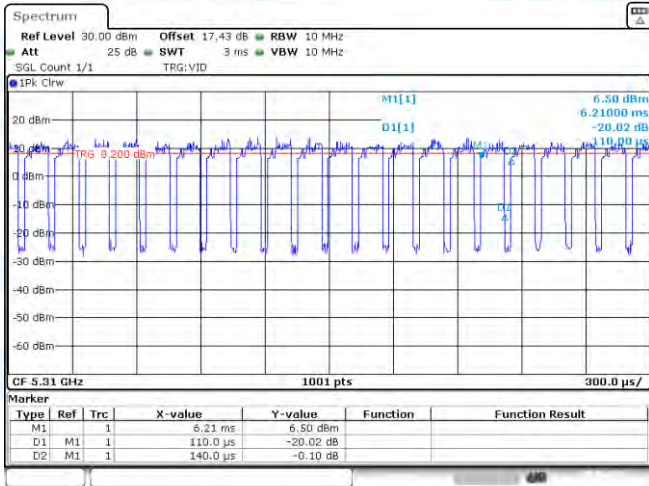
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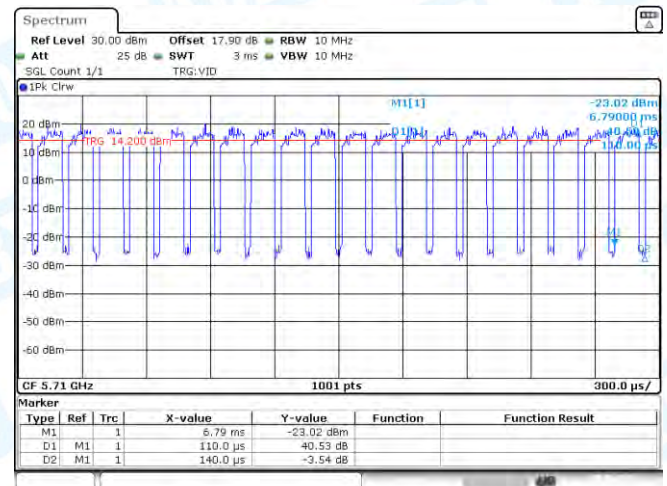
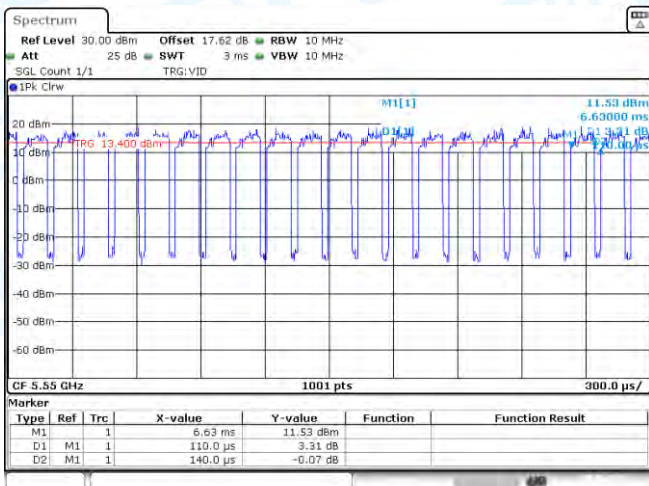


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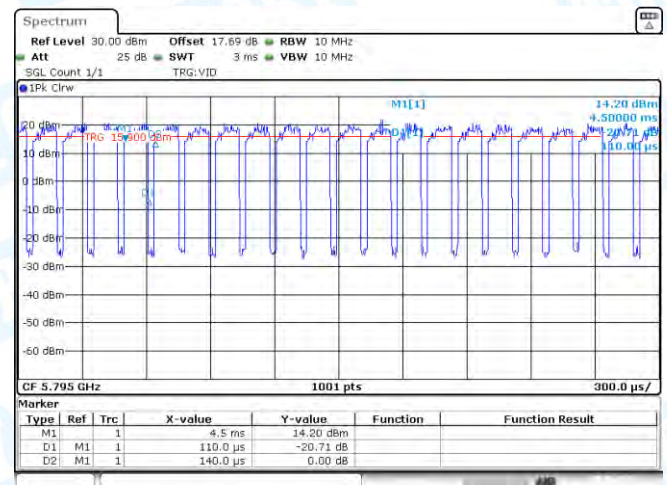
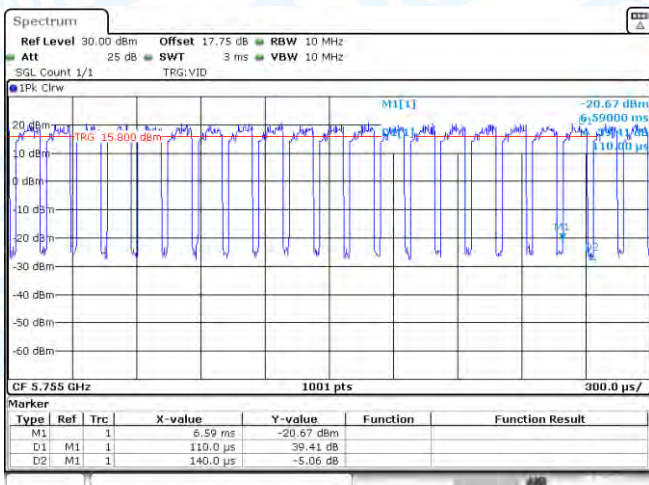
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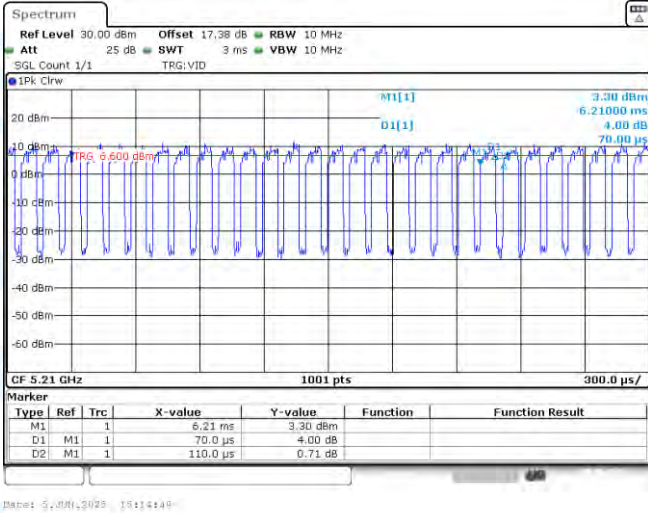
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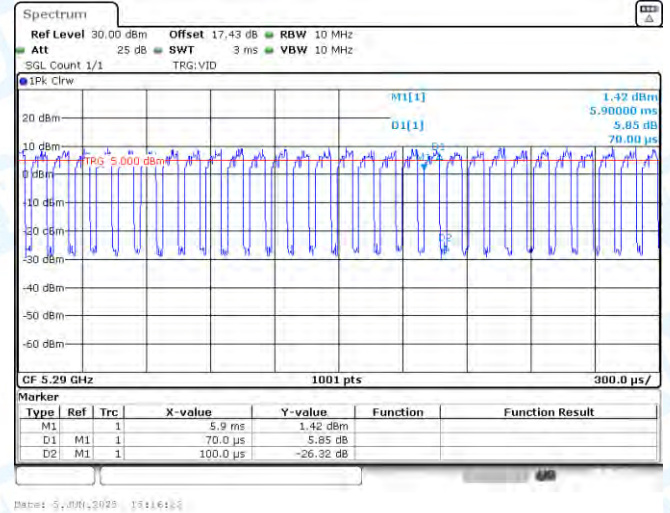


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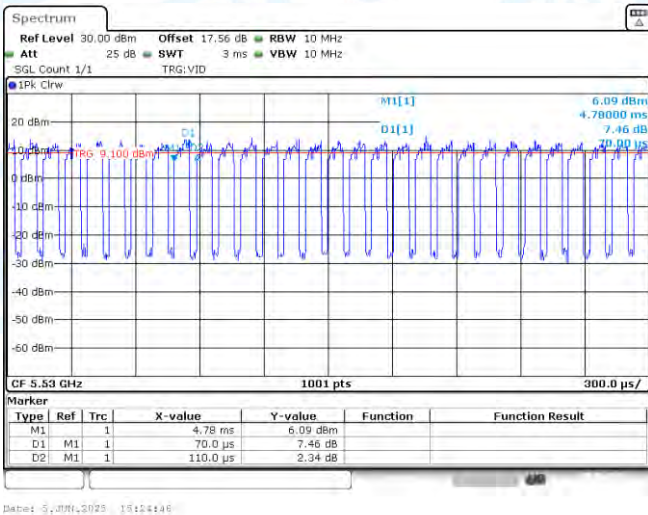
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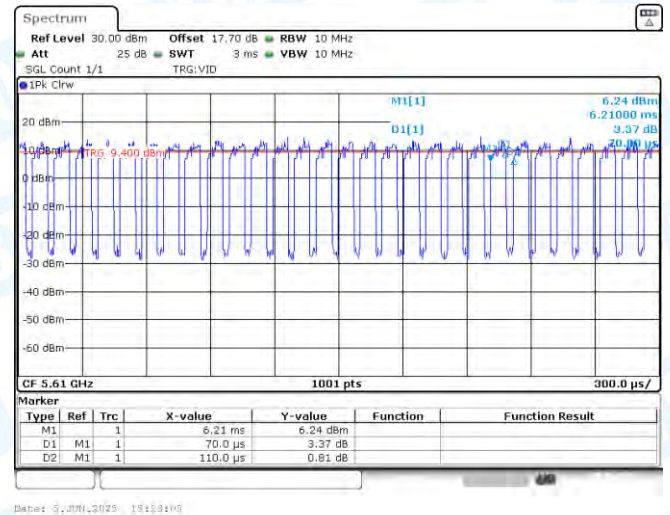
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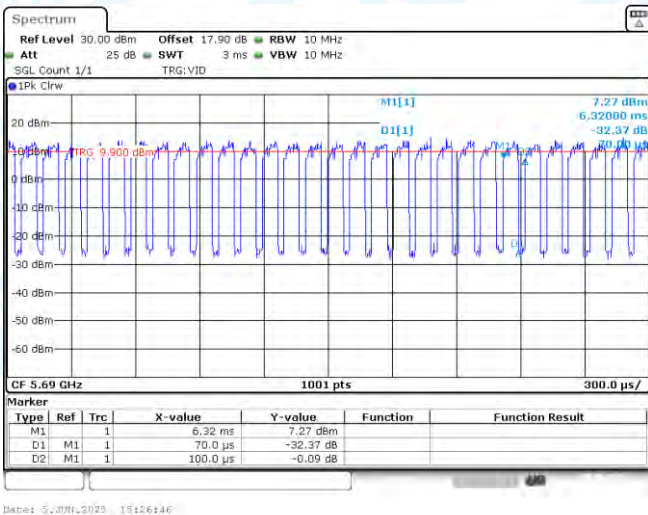
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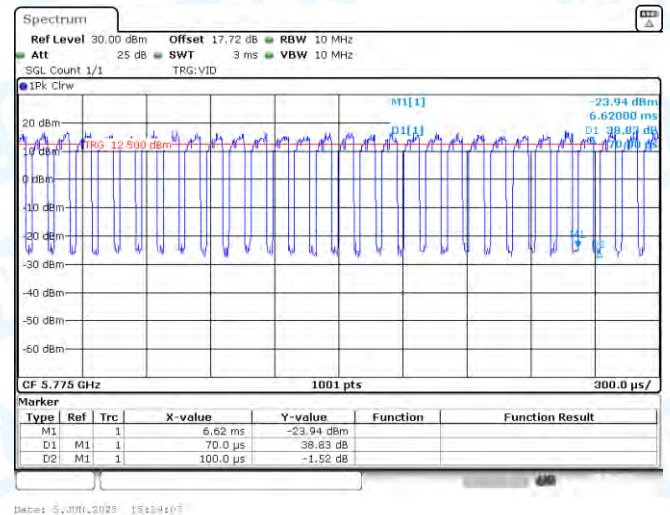
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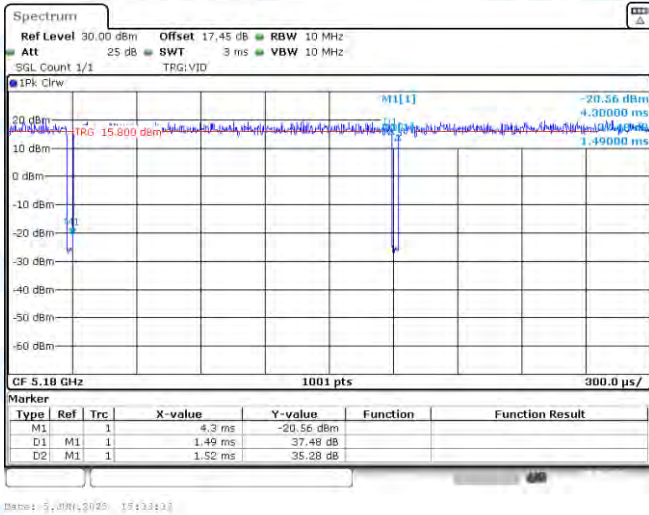
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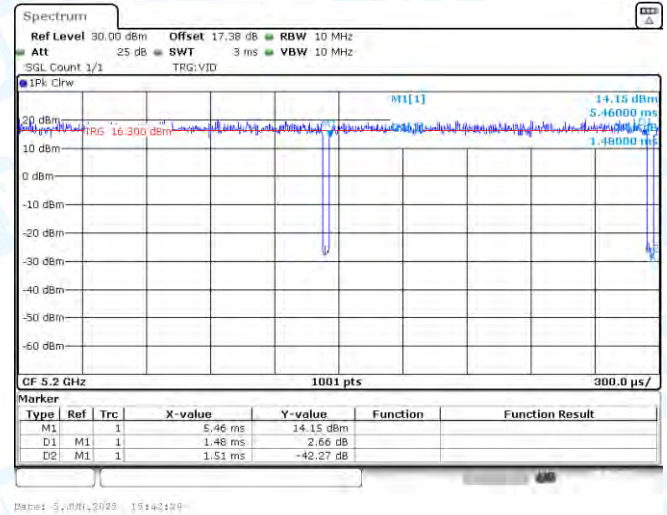
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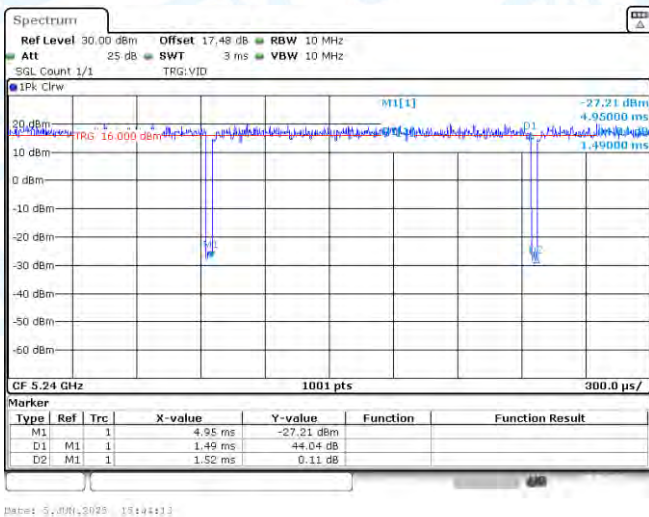
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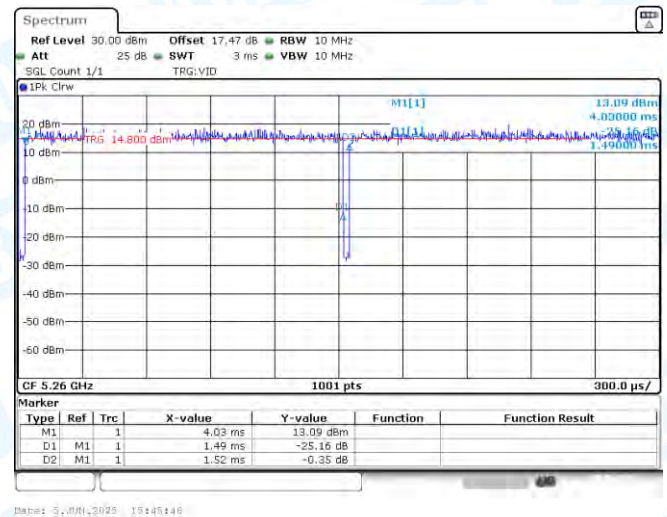
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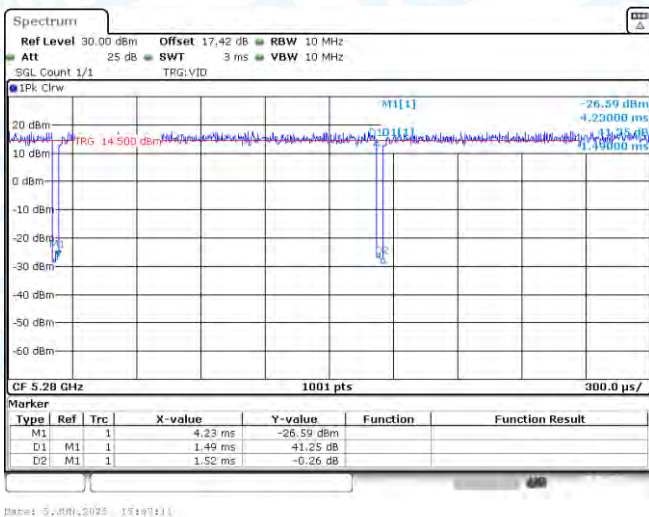
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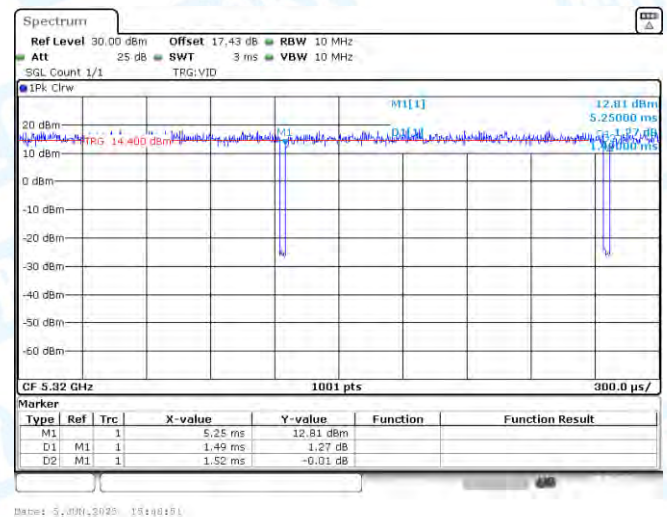
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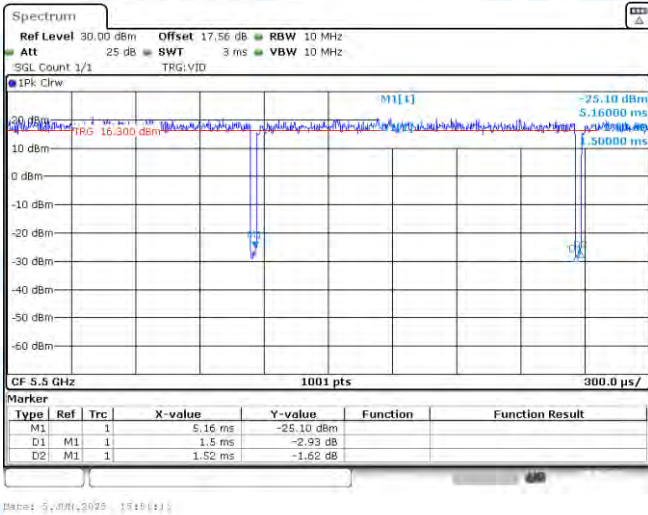
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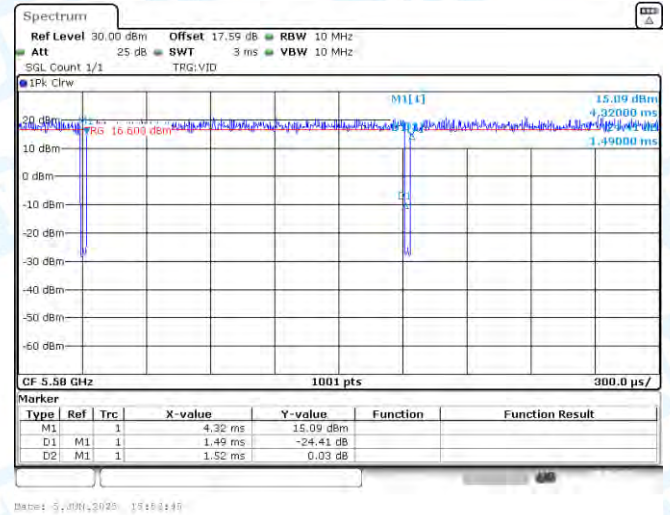
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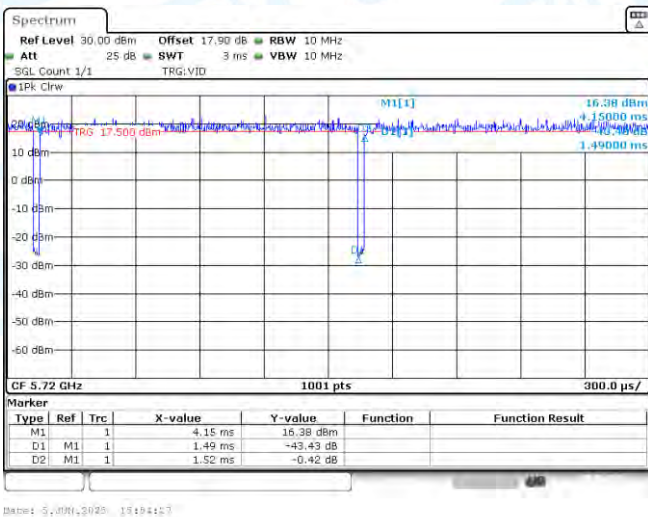
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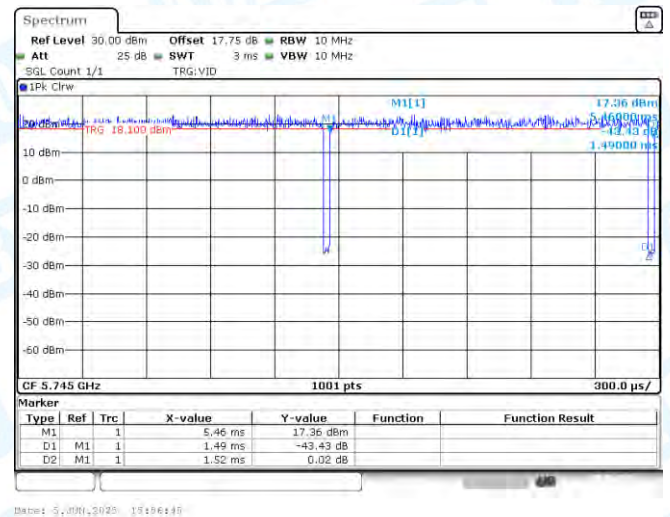
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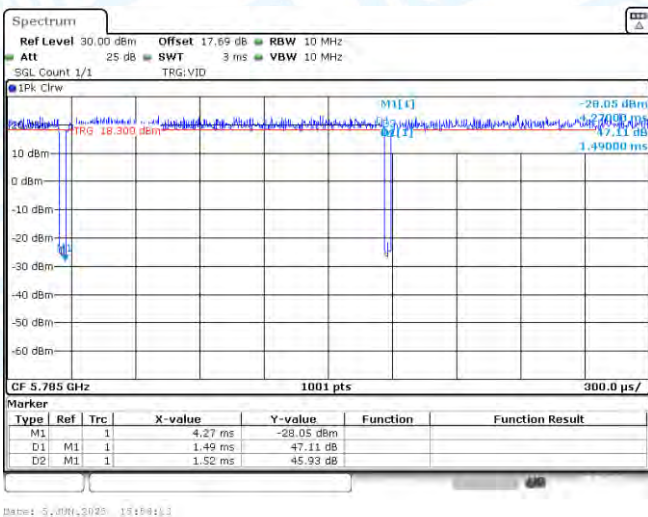
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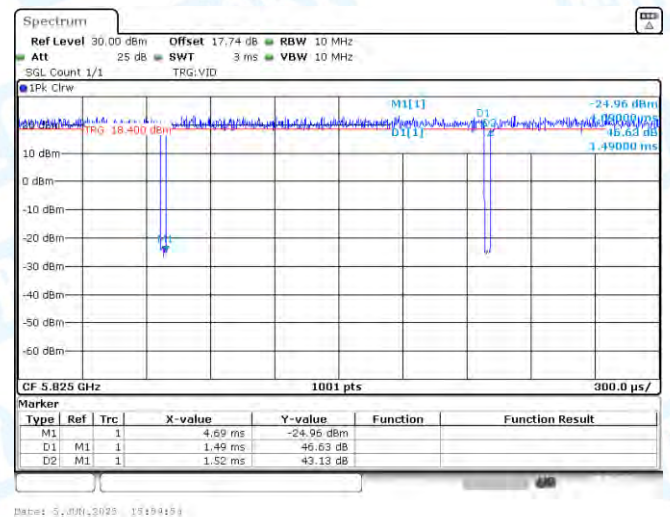
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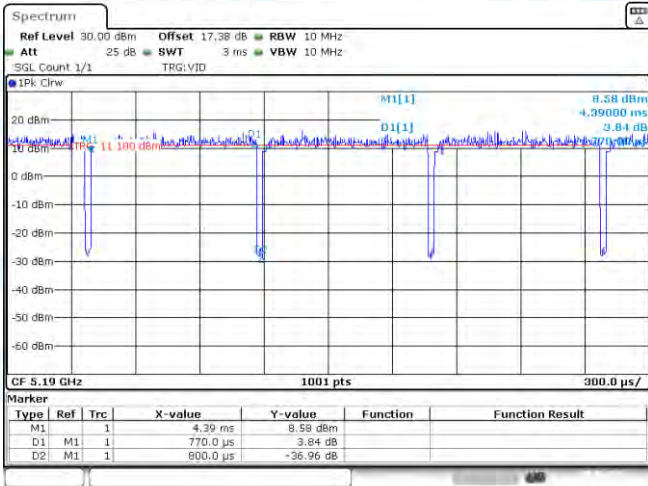
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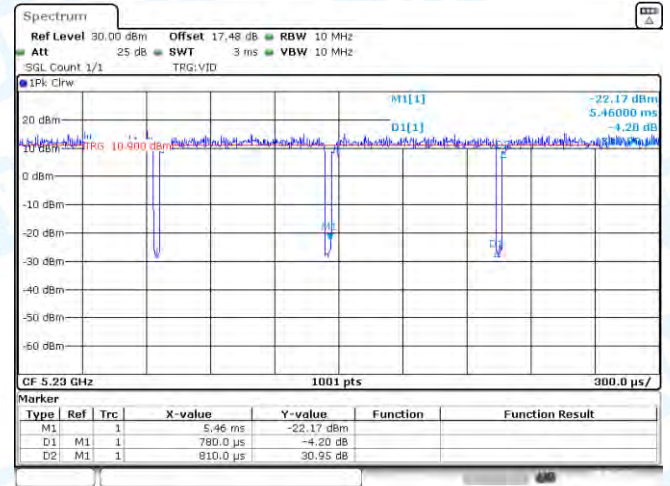
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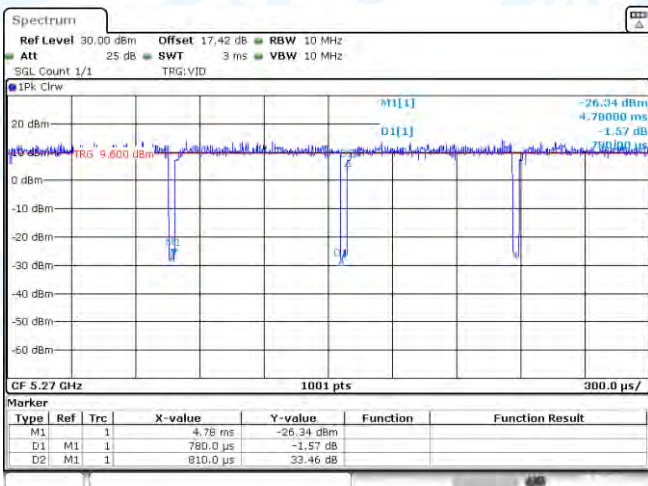
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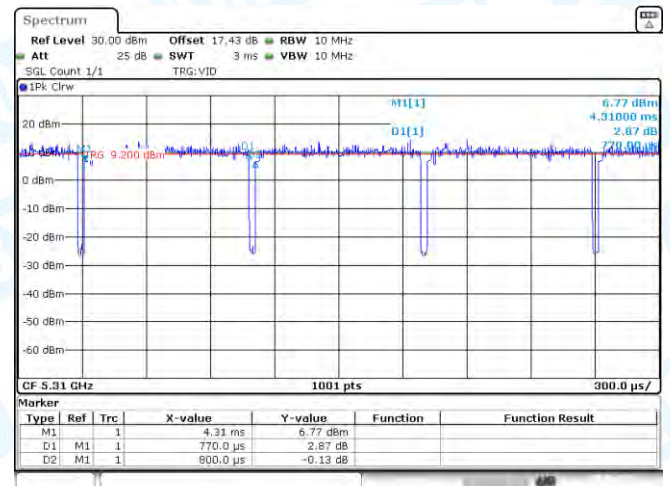
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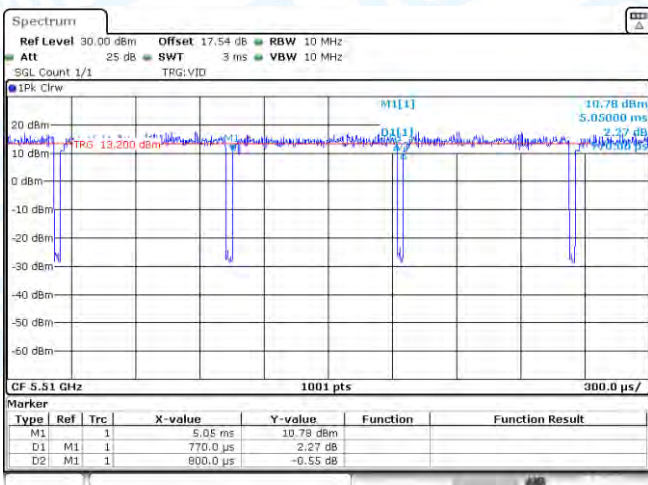
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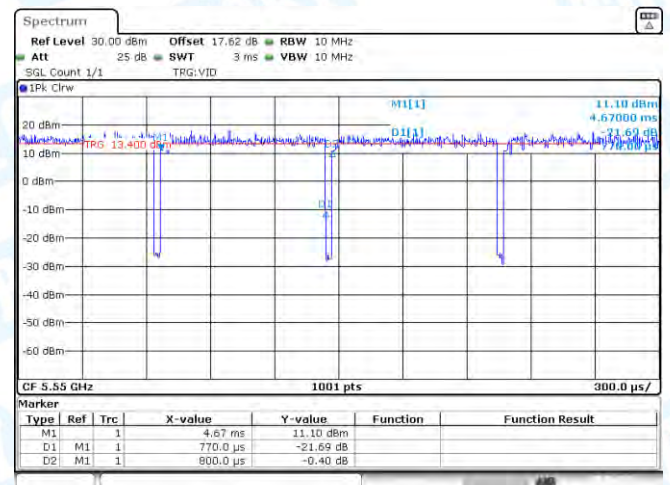
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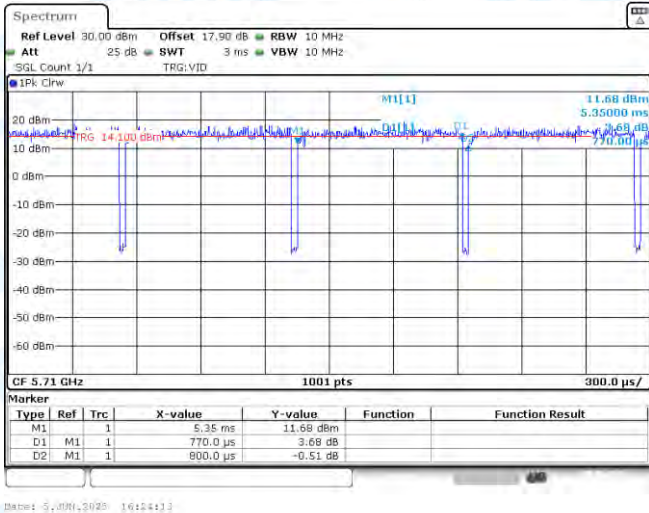
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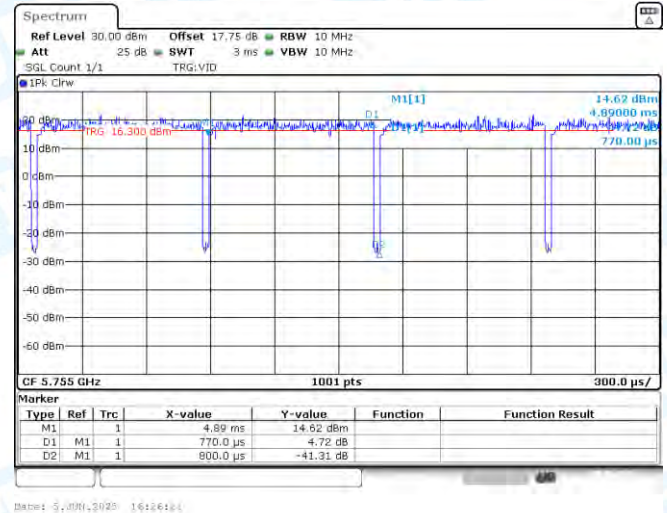
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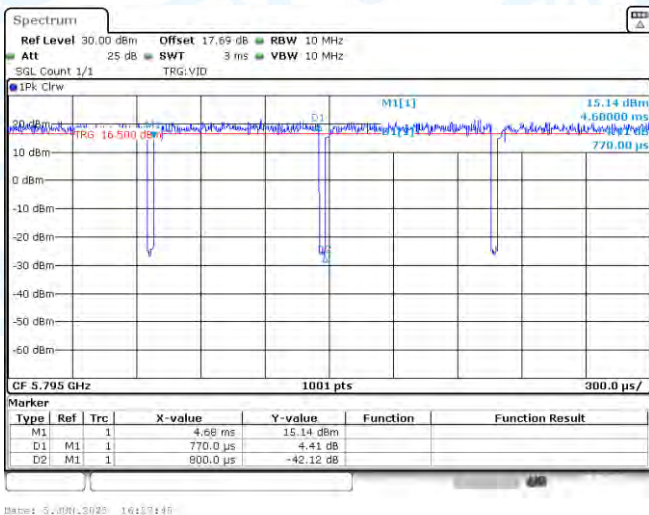
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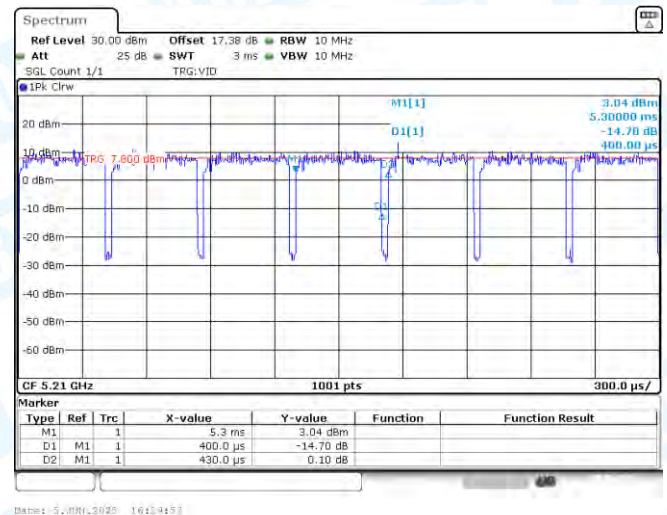
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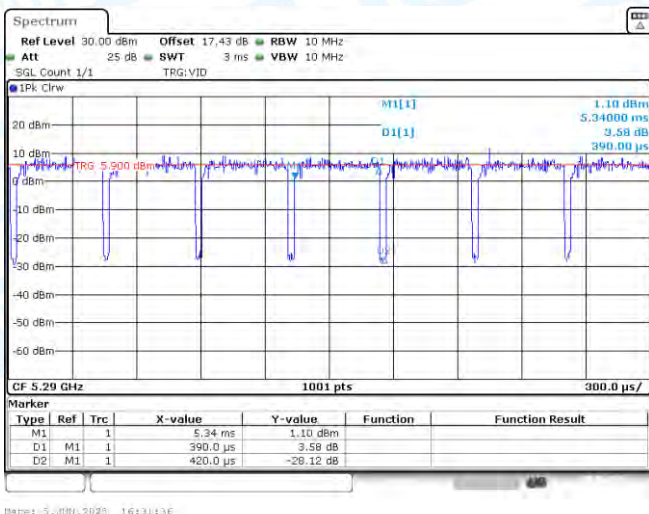
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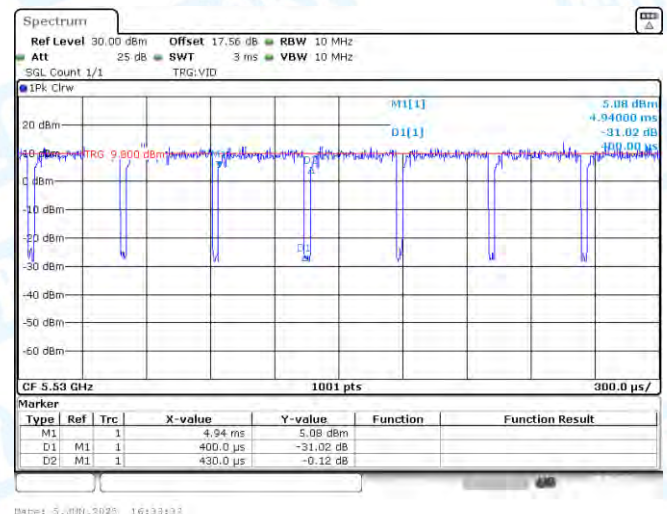
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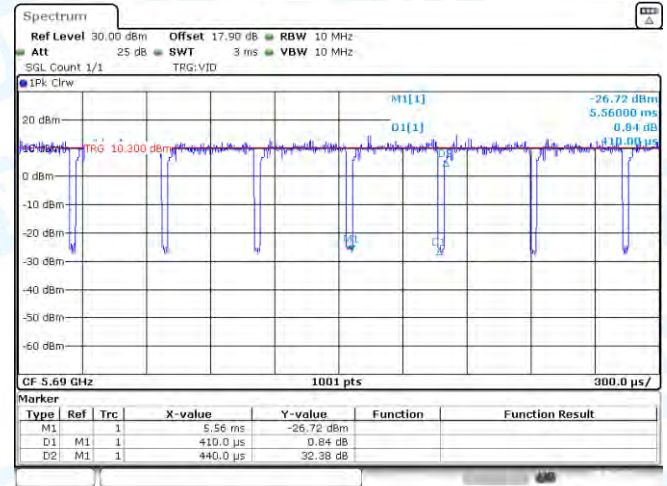
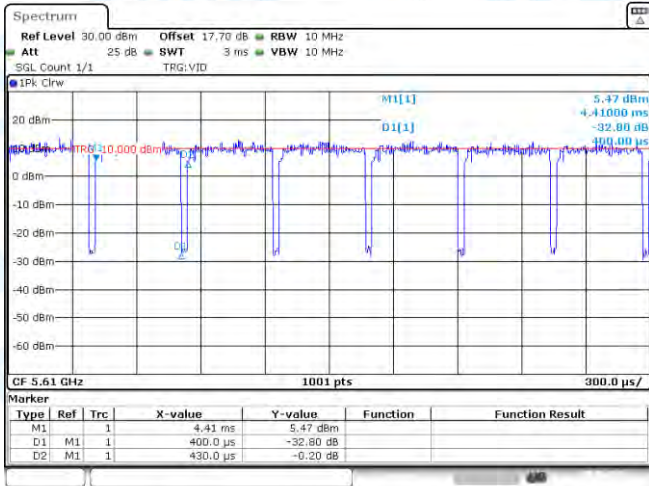
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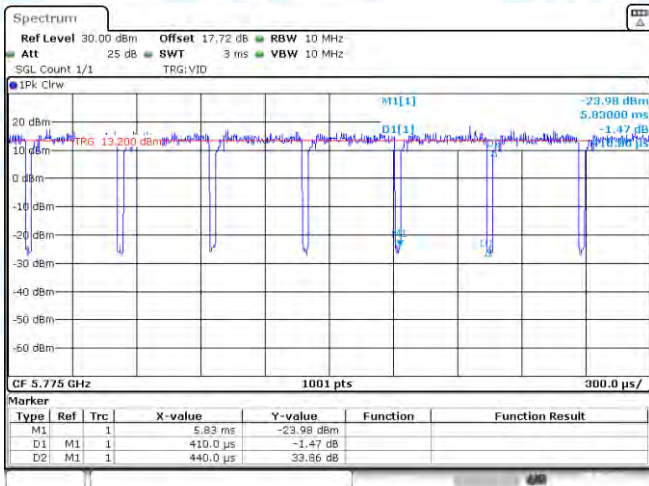


NTVN-11AX80SISO-Ant1-5530



NTNV-11AX80SISO-Ant1-5610

NTNV-11AX80SISO-Ant1-5690



NTNV-11AX80SISO-Ant1-5775

5: Maximum conducted output power

5.1 Test Result

TestMode	Antenna	Frequency [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	13.76	≤23.64	PASS
11A	Ant1	5200	13.57	≤23.64	PASS
11A	Ant1	5240	13.60	≤23.64	PASS
11A	Ant1	5260	12.55	≤23.64	PASS
11A	Ant1	5280	12.34	≤23.64	PASS
11A	Ant1	5320	12.20	≤23.64	PASS
11A	Ant1	5500	13.47	≤23.64	PASS
11A	Ant1	5580	13.63	≤23.64	PASS
11A	Ant1	5720_UNII-2C	10.63	≤22.54	PASS
11A	Ant1	5720_UNII-3	4.47	≤29.66	PASS
11A	Ant1	5745	14.80	≤29.66	PASS
11A	Ant1	5785	15.11	≤29.66	PASS
11A	Ant1	5825	15.14	≤29.66	PASS
11N20SISO	Ant1	5180	13.71	≤23.64	PASS
11N20SISO	Ant1	5200	13.59	≤23.64	PASS
11N20SISO	Ant1	5240	13.56	≤23.64	PASS
11N20SISO	Ant1	5260	12.30	≤23.64	PASS
11N20SISO	Ant1	5280	12.39	≤23.64	PASS
11N20SISO	Ant1	5320	11.89	≤23.64	PASS
11N20SISO	Ant1	5500	13.64	≤23.64	PASS
11N20SISO	Ant1	5580	13.57	≤23.64	PASS
11N20SISO	Ant1	5720_UNII-2C	4.19	≤22.58	PASS
11N20SISO	Ant1	5720_UNII-3	-1.12	≤29.66	PASS
11N20SISO	Ant1	5745	14.67	≤29.66	PASS
11N20SISO	Ant1	5785	15.04	≤29.66	PASS
11N20SISO	Ant1	5825	15.04	≤29.66	PASS
11N40SISO	Ant1	5190	10.43	≤23.64	PASS
11N40SISO	Ant1	5230	10.11	≤23.64	PASS
11N40SISO	Ant1	5270	9.32	≤23.64	PASS
11N40SISO	Ant1	5310	9.02	≤23.64	PASS
11N40SISO	Ant1	5510	13.02	≤23.64	PASS
11N40SISO	Ant1	5550	12.86	≤23.64	PASS
11N40SISO	Ant1	5710_UNII-2C	12.56	≤23.64	PASS
11N40SISO	Ant1	5710_UNII-3	2.20	≤29.66	PASS
11N40SISO	Ant1	5755	15.24	≤29.66	PASS
11N40SISO	Ant1	5795	15.77	≤29.66	PASS
11AC20SISO	Ant1	5180	14.64	≤23.64	PASS
11AC20SISO	Ant1	5200	14.55	≤23.64	PASS
11AC20SISO	Ant1	5240	14.65	≤23.64	PASS
11AC20SISO	Ant1	5260	13.46	≤23.64	PASS
11AC20SISO	Ant1	5280	13.25	≤23.64	PASS

11AC20SISO	Ant1	5320	13.15	≤23.64	PASS
11AC20SISO	Ant1	5500	15.19	≤23.64	PASS
11AC20SISO	Ant1	5580	15.34	≤23.64	PASS
11AC20SISO	Ant1	5720_UNII-2C	11.44	≤22.65	PASS
11AC20SISO	Ant1	5720_UNII-3	5.85	≤29.66	PASS
11AC20SISO	Ant1	5745	15.65	≤29.66	PASS
11AC20SISO	Ant1	5785	15.91	≤29.66	PASS
11AC20SISO	Ant1	5825	16.02	≤29.66	PASS
11AC40SISO	Ant1	5190	10.75	≤23.64	PASS
11AC40SISO	Ant1	5230	10.70	≤23.64	PASS
11AC40SISO	Ant1	5270	9.09	≤23.64	PASS
11AC40SISO	Ant1	5310	9.14	≤23.64	PASS
11AC40SISO	Ant1	5510	14.06	≤23.64	PASS
11AC40SISO	Ant1	5550	14.17	≤23.64	PASS
11AC40SISO	Ant1	5710_UNII-2C	9.77	≤23.64	PASS
11AC40SISO	Ant1	5710_UNII-3	0.06	≤29.66	PASS
11AC40SISO	Ant1	5755	16.64	≤29.66	PASS
11AC40SISO	Ant1	5795	16.90	≤29.66	PASS
11AC80SISO	Ant1	5210	10.71	≤23.64	PASS
11AC80SISO	Ant1	5290	9.03	≤23.64	PASS
11AC80SISO	Ant1	5530	13.29	≤23.64	PASS
11AC80SISO	Ant1	5610	13.47	≤23.64	PASS
11AC80SISO	Ant1	5690_UNII-2C	8.06	≤23.64	PASS
11AC80SISO	Ant1	5690_UNII-3	-3.61	≤29.66	PASS
11AC80SISO	Ant1	5775	16.37	≤29.66	PASS
11AX20SISO	Ant1	5180	12.77	≤23.64	PASS
11AX20SISO	Ant1	5200	12.86	≤23.64	PASS
11AX20SISO	Ant1	5240	12.62	≤23.64	PASS
11AX20SISO	Ant1	5260	11.37	≤23.64	PASS
11AX20SISO	Ant1	5280	11.29	≤23.64	PASS
11AX20SISO	Ant1	5320	11.04	≤23.64	PASS
11AX20SISO	Ant1	5500	13.41	≤23.64	PASS
11AX20SISO	Ant1	5580	13.83	≤23.64	PASS
11AX20SISO	Ant1	5720_UNII-2C	12.62	≤22.56	PASS
11AX20SISO	Ant1	5720_UNII-3	7.09	≤29.66	PASS
11AX20SISO	Ant1	5745	15.71	≤29.66	PASS
11AX20SISO	Ant1	5785	16.08	≤29.66	PASS
11AX20SISO	Ant1	5825	16.19	≤29.66	PASS
11AX40SISO	Ant1	5190	10.84	≤23.64	PASS
11AX40SISO	Ant1	5230	10.67	≤23.64	PASS
11AX40SISO	Ant1	5270	9.48	≤23.64	PASS
11AX40SISO	Ant1	5310	9.21	≤23.64	PASS
11AX40SISO	Ant1	5510	13.20	≤23.64	PASS
11AX40SISO	Ant1	5550	13.20	≤23.64	PASS
11AX40SISO	Ant1	5710_UNII-2C	12.45	≤23.64	PASS

11AX40SISO	Ant1	5710_UNII-3	2.82	≤29.66	PASS
11AX40SISO	Ant1	5755	16.78	≤29.66	PASS
11AX40SISO	Ant1	5795	17.17	≤29.66	PASS
11AX80SISO	Ant1	5210	10.13	≤23.64	PASS
11AX80SISO	Ant1	5290	8.87	≤23.64	PASS
11AX80SISO	Ant1	5530	12.00	≤23.64	PASS
11AX80SISO	Ant1	5610	12.29	≤23.64	PASS
11AX80SISO	Ant1	5690_UNII-2C	11.09	≤23.64	PASS
11AX80SISO	Ant1	5690_UNII-3	-1.87	≤29.66	PASS
11AX80SISO	Ant1	5775	16.63	≤29.66	PASS

Note: RF Conducted test Offset= cable loss+ Attenuator(10dB).

6: Maximum power spectral density

6.1 Test Result

Test Mode	Ant.	Frequency [MHz]	RawData [dBm/3kHz]	DC Factory	Result [dBm/MHz] Result [dBm/500kHz]	Limit[dBm/MHz] Limit[dBm/500kHz]	Verdict
11A	Ant1	5180	2.6	0.49	3.09	≤10.66	PASS
11A	Ant1	5200	2.46	0.49	2.95	≤10.66	PASS
11A	Ant1	5240	2.32	0.49	2.81	≤10.66	PASS
11A	Ant1	5260	1	0.49	1.49	≤10.66	PASS
11A	Ant1	5280	0.75	0.51	1.26	≤10.66	PASS
11A	Ant1	5320	0.83	0.51	1.34	≤10.66	PASS
11A	Ant1	5500	2.17	0.49	2.66	≤10.66	PASS
11A	Ant1	5580	2.39	0.49	2.88	≤10.66	PASS
11A	Ant1	5720_UNII-2C	3.26	0.49	3.75	≤10.66	PASS
11A	Ant1	5720_UNII-3	0.21	0.49	0.70	≤29.66	PASS
11A	Ant1	5745	0.92	0.51	1.43	≤29.66	PASS
11A	Ant1	5785	1.09	0.51	1.60	≤29.66	PASS
11A	Ant1	5825	1.14	0.51	1.65	≤29.66	PASS
11N20SISO	Ant1	5180	1.16	2.11	3.27	≤10.66	PASS
11N20SISO	Ant1	5200	0.65	2.11	2.76	≤10.66	PASS
11N20SISO	Ant1	5240	0.99	2.01	3.00	≤10.66	PASS
11N20SISO	Ant1	5260	-0.7	2.11	1.41	≤10.66	PASS
11N20SISO	Ant1	5280	-0.99	2.11	1.12	≤10.66	PASS
11N20SISO	Ant1	5320	-1.02	2.11	1.09	≤10.66	PASS
11N20SISO	Ant1	5500	0.48	2.27	2.75	≤10.66	PASS
11N20SISO	Ant1	5580	0.55	2.11	2.66	≤10.66	PASS
11N20SISO	Ant1	5720_UNII-2C	1.72	2.11	3.83	≤10.66	PASS
11N20SISO	Ant1	5720_UNII-3	-1.49	2.11	0.62	≤29.66	PASS
11N20SISO	Ant1	5745	-0.61	2.11	1.50	≤29.66	PASS
11N20SISO	Ant1	5785	-0.39	2.11	1.72	≤29.66	PASS
11N20SISO	Ant1	5825	-0.36	2.11	1.75	≤29.66	PASS
11N40SISO	Ant1	5190	-2.23	0.14	-2.09	≤10.66	PASS
11N40SISO	Ant1	5230	-2.73	0.14	-2.59	≤10.66	PASS
11N40SISO	Ant1	5270	-3.6	0.13	-3.47	≤10.66	PASS
11N40SISO	Ant1	5310	-3.77	0.13	-3.64	≤10.66	PASS
11N40SISO	Ant1	5510	0.13	0.14	0.27	≤10.66	PASS
11N40SISO	Ant1	5550	0.13	0.13	0.26	≤10.66	PASS
11N40SISO	Ant1	5710_UNII-2C	0.97	0.13	1.10	≤10.66	PASS
11N40SISO	Ant1	5710_UNII-3	-2.38	0.13	-2.25	≤29.66	PASS
11N40SISO	Ant1	5755	-0.17	0.14	-0.03	≤29.66	PASS
11N40SISO	Ant1	5795	0.03	0.13	0.16	≤29.66	PASS
11AC20SISO	Ant1	5180	3.01	0.61	3.62	≤10.66	PASS
11AC20SISO	Ant1	5200	2.92	0.61	3.53	≤10.66	PASS
11AC20SISO	Ant1	5240	2.99	0.61	3.60	≤10.66	PASS
11AC20SISO	Ant1	5260	1.68	0.64	2.32	≤10.66	PASS

11AC20SISO	Ant1	5280	1.25	0.64	1.89	≤10.66	PASS
11AC20SISO	Ant1	5320	1.47	0.61	2.08	≤10.66	PASS
11AC20SISO	Ant1	5500	3.59	0.61	4.20	≤10.66	PASS
11AC20SISO	Ant1	5580	3.74	0.61	4.35	≤10.66	PASS
11AC20SISO	Ant1	5720_UNII-2C	4.4	0.61	5.01	≤10.66	PASS
11AC20SISO	Ant1	5720_UNII-3	1.73	0.61	2.34	≤29.66	PASS
11AC20SISO	Ant1	5745	1.34	0.64	1.98	≤29.66	PASS
11AC20SISO	Ant1	5785	1.46	0.61	2.07	≤29.66	PASS
11AC20SISO	Ant1	5825	1.6	0.64	2.24	≤29.66	PASS
11AC40SISO	Ant1	5190	-3.98	1.05	-2.93	≤10.66	PASS
11AC40SISO	Ant1	5230	-4.13	1.05	-3.08	≤10.66	PASS
11AC40SISO	Ant1	5270	-5.91	1.05	-4.86	≤10.66	PASS
11AC40SISO	Ant1	5310	-5.86	1.05	-4.81	≤10.66	PASS
11AC40SISO	Ant1	5510	-0.87	1.05	0.18	≤10.66	PASS
11AC40SISO	Ant1	5550	-0.66	1.05	0.39	≤10.66	PASS
11AC40SISO	Ant1	5710_UNII-2C	0.15	1.05	1.20	≤10.66	PASS
11AC40SISO	Ant1	5710_UNII-3	-3.16	1.05	-2.11	≤29.66	PASS
11AC40SISO	Ant1	5755	-0.53	1.05	0.52	≤29.66	PASS
11AC40SISO	Ant1	5795	-0.45	1.05	0.60	≤29.66	PASS
11AC80SISO	Ant1	5210	-7.76	1.96	-5.80	≤10.66	PASS
11AC80SISO	Ant1	5290	-9.26	1.55	-7.71	≤10.66	PASS
11AC80SISO	Ant1	5530	-4.97	1.96	-3.01	≤10.66	PASS
11AC80SISO	Ant1	5610	-4.86	1.96	-2.90	≤10.66	PASS
11AC80SISO	Ant1	5690_UNII-2C	-4.53	1.55	-2.98	≤10.66	PASS
11AC80SISO	Ant1	5690_UNII-3	-8.38	1.55	-6.83	≤29.66	PASS
11AC80SISO	Ant1	5775	-4.1	1.55	-2.55	≤29.66	PASS
11AX20SISO	Ant1	5180	2.56	0.09	2.65	≤10.66	PASS
11AX20SISO	Ant1	5200	2.61	0.09	2.70	≤10.66	PASS
11AX20SISO	Ant1	5240	2.55	0.09	2.64	≤10.66	PASS
11AX20SISO	Ant1	5260	1.26	0.09	1.35	≤10.66	PASS
11AX20SISO	Ant1	5280	0.81	0.09	0.90	≤10.66	PASS
11AX20SISO	Ant1	5320	0.81	0.09	0.90	≤10.66	PASS
11AX20SISO	Ant1	5500	3.26	0.06	3.32	≤10.66	PASS
11AX20SISO	Ant1	5580	3.57	0.09	3.66	≤10.66	PASS
11AX20SISO	Ant1	5720_UNII-2C	4.34	0.09	4.43	≤10.66	PASS
11AX20SISO	Ant1	5720_UNII-3	1.14	0.09	1.23	≤29.66	PASS
11AX20SISO	Ant1	5745	3.03	0.09	3.12	≤29.66	PASS
11AX20SISO	Ant1	5785	3.01	0.09	3.10	≤29.66	PASS
11AX20SISO	Ant1	5825	3.21	0.09	3.30	≤29.66	PASS
11AX40SISO	Ant1	5190	-2.22	0.17	-2.05	≤10.66	PASS
11AX40SISO	Ant1	5230	-2.16	0.16	-2.00	≤10.66	PASS
11AX40SISO	Ant1	5270	-3.79	0.16	-3.63	≤10.66	PASS
11AX40SISO	Ant1	5310	-3.98	0.17	-3.81	≤10.66	PASS
11AX40SISO	Ant1	5510	0.09	0.17	0.26	≤10.66	PASS
11AX40SISO	Ant1	5550	0.1	0.17	0.27	≤10.66	PASS

11AX40SISO	Ant1	5710_UNII-2C	0.9	0.17	1.07	≤10.66	PASS
11AX40SISO	Ant1	5710_UNII-3	-2.49	0.17	-2.32	≤29.66	PASS
11AX40SISO	Ant1	5755	1.05	0.17	1.22	≤29.66	PASS
11AX40SISO	Ant1	5795	1.32	0.17	1.49	≤29.66	PASS
11AX80SISO	Ant1	5210	-6.01	0.31	-5.70	≤10.66	PASS
11AX80SISO	Ant1	5290	-7.58	0.32	-7.26	≤10.66	PASS
11AX80SISO	Ant1	5530	-4.12	0.31	-3.81	≤10.66	PASS
11AX80SISO	Ant1	5610	-3.64	0.31	-3.33	≤10.66	PASS
11AX80SISO	Ant1	5690_UNII-2C	-3.33	0.31	-3.02	≤10.66	PASS
11AX80SISO	Ant1	5690_UNII-3	-8.1	0.31	-7.79	≤29.66	PASS
11AX80SISO	Ant1	5775	-2.32	0.31	-2.01	≤29.66	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.

3: RF Conducted test Offset= cable loss+ Attenuator(10dB).