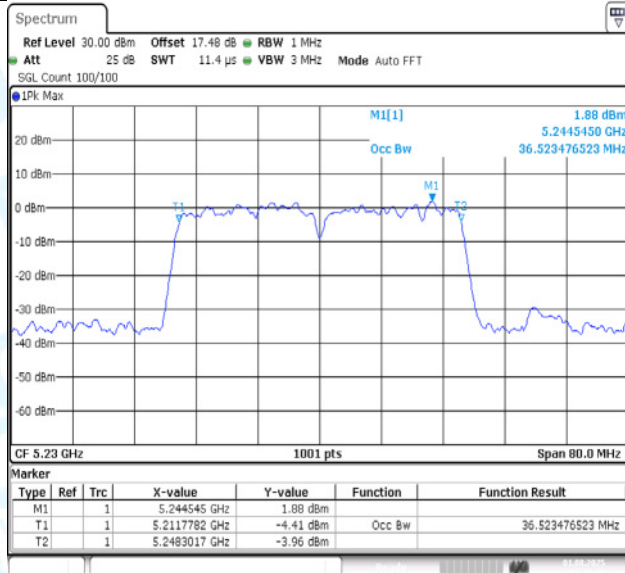
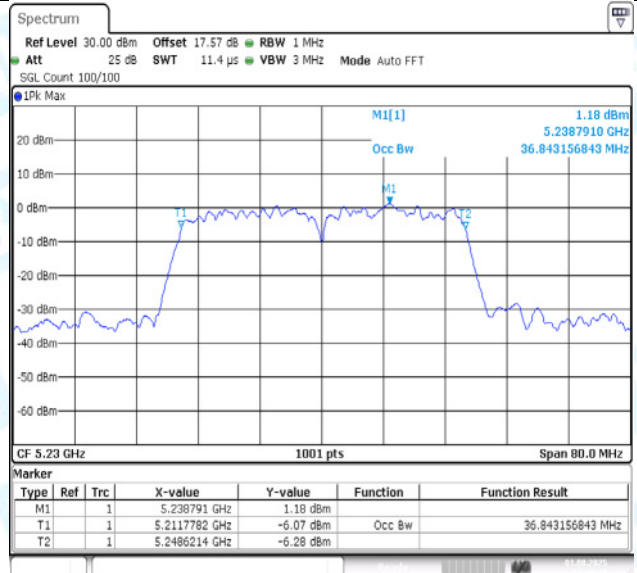




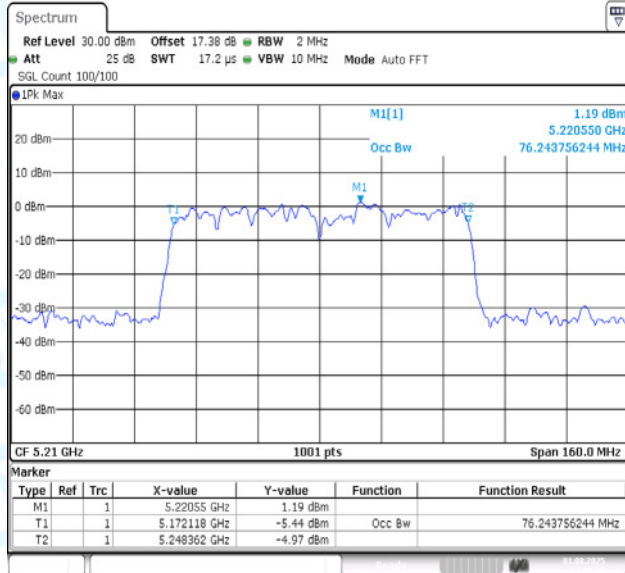
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11AC40MIMO-Ant1-5230



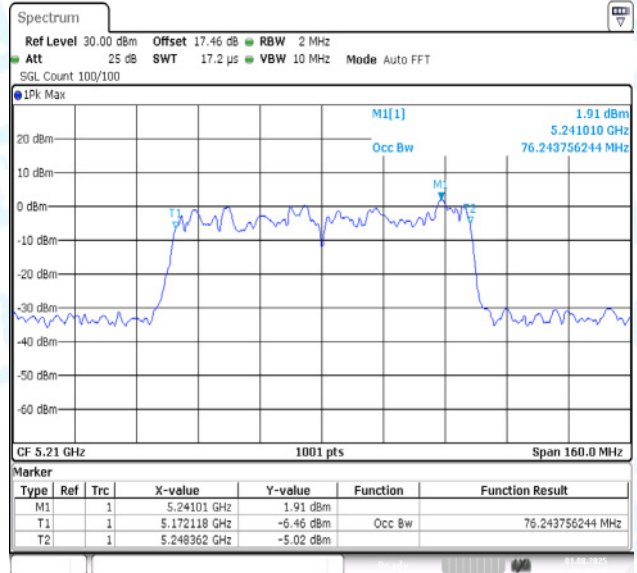
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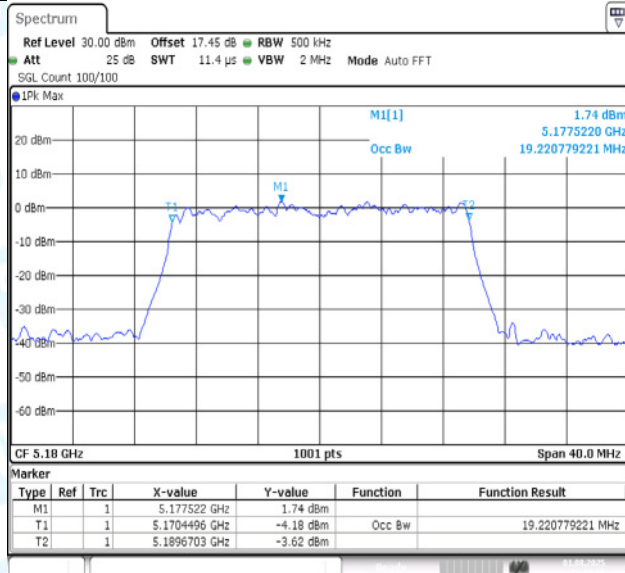
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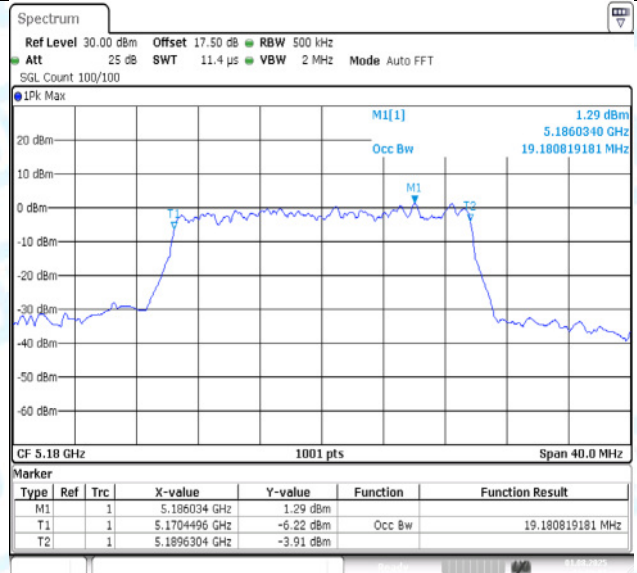


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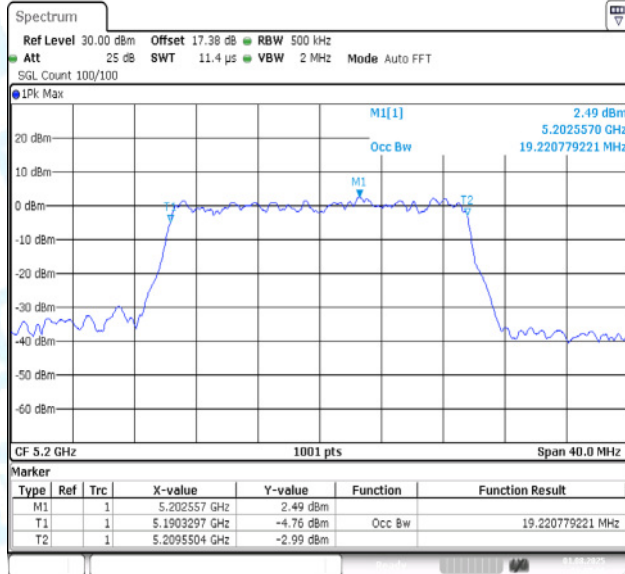
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Date: 1.AUG.2025 20:03:53

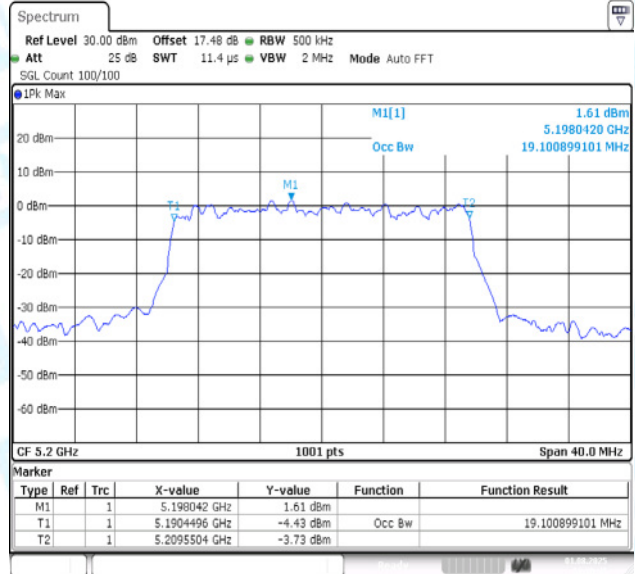
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11AX20MIMO-Ant1-5180



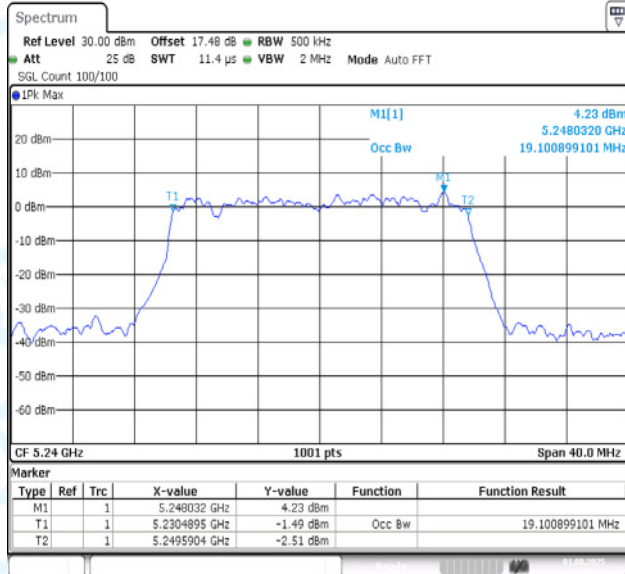
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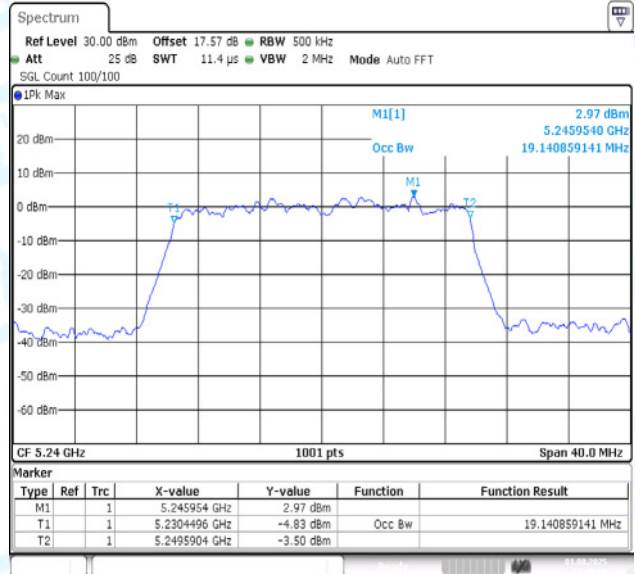
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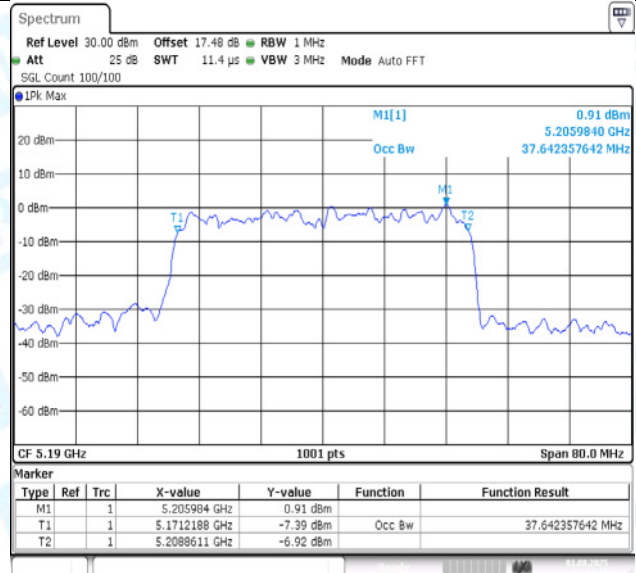
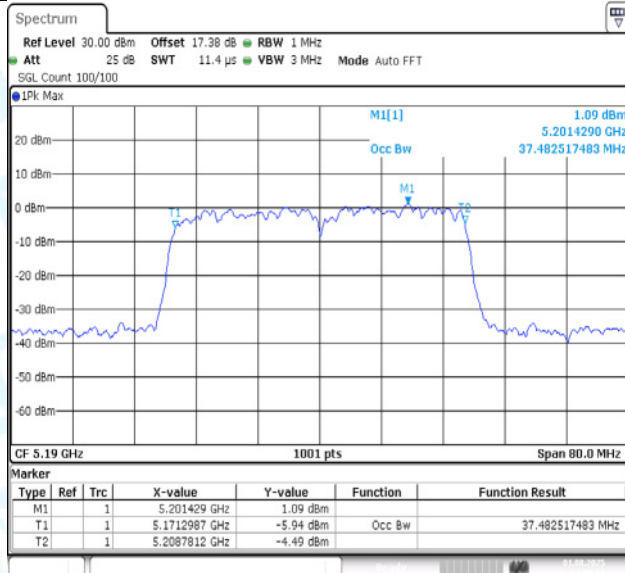
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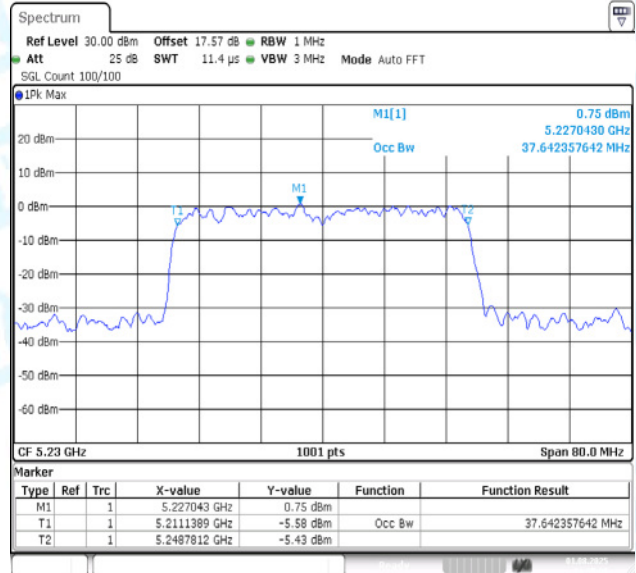
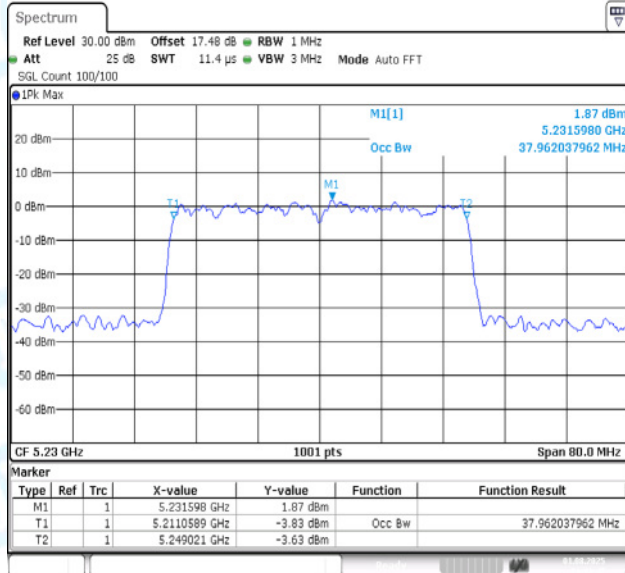
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11AX20MIMO-Ant2-5240



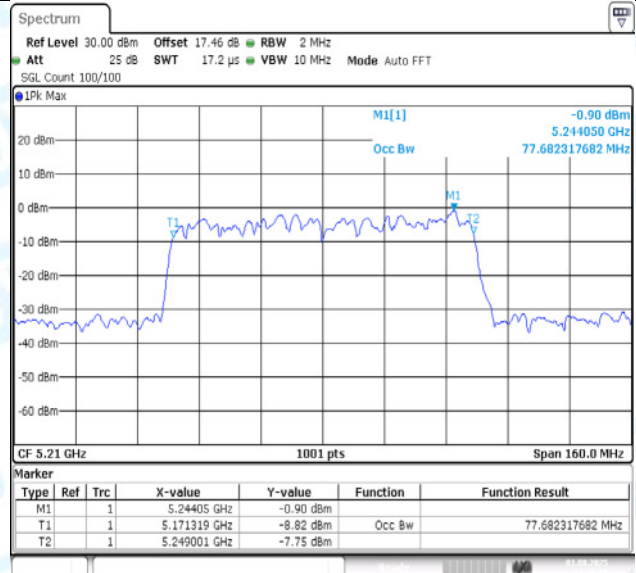
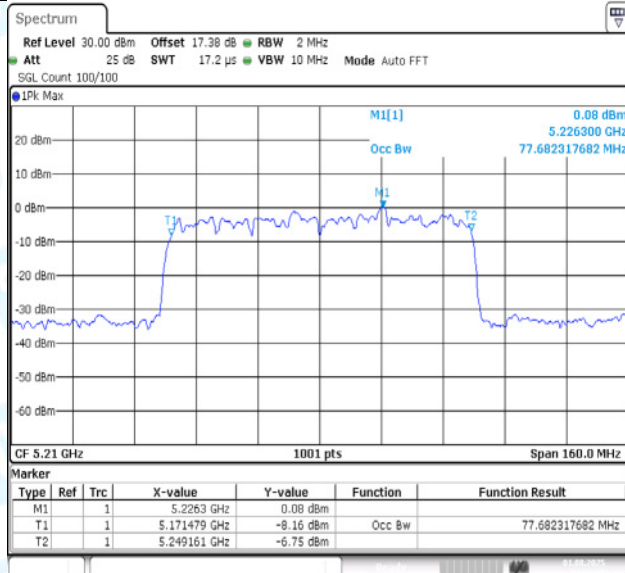
11AX40MIMO-Ant1-5190

11AX40MIMO-Ant2-5190



11AX40MIMO-Ant1-5230

11AX40MIMO-Ant2-5230



11AX80MIMO-Ant1-5210

11AX80MIMO-Ant2-5210

3. Duty Cycle

3.1 Test Result

TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factory	1/T [kHz]
11A-CDD	Ant1	5180	1.40	1.50	93.33	0.30	0.71
11A-CDD	Ant2	5180	1.40	1.50	93.33	0.30	0.71
11A-CDD	Ant1	5200	1.40	1.50	93.33	0.30	0.71
11A-CDD	Ant2	5200	1.40	1.50	93.33	0.30	0.71
11A-CDD	Ant1	5240	1.40	1.50	93.33	0.30	0.71
11A-CDD	Ant2	5240	1.39	1.49	93.29	0.30	0.72
11N20-CDD	Ant1	5180	0.68	0.78	87.18	0.60	1.47
11N20-CDD	Ant2	5180	0.67	0.77	87.01	0.60	1.49
11N20-CDD	Ant1	5200	0.68	0.77	88.31	0.54	1.47
11N20-CDD	Ant2	5200	0.67	0.77	87.01	0.60	1.49
11N20-CDD	Ant1	5240	0.67	0.77	87.01	0.60	1.49
11N20-CDD	Ant2	5240	0.67	0.77	87.01	0.60	1.49
11N40-CDD	Ant1	5190	0.35	0.45	77.78	1.09	2.86
11N40-CDD	Ant2	5190	0.35	0.45	77.78	1.09	2.86
11N40-CDD	Ant1	5230	0.35	0.45	77.78	1.09	2.86
11N40-CDD	Ant2	5230	0.35	0.45	77.78	1.09	2.86
11AC20MIMO	Ant1	5180	0.10	0.20	50.00	3.01	10.00
11AC20MIMO	Ant2	5180	0.10	0.20	50.00	3.01	10.00
11AC20MIMO	Ant1	5200	0.10	0.20	50.00	3.01	10.00
11AC20MIMO	Ant2	5200	0.10	0.20	50.00	3.01	10.00
11AC20MIMO	Ant1	5240	0.10	0.20	50.00	3.01	10.00
11AC20MIMO	Ant2	5240	0.10	0.20	50.00	3.01	10.00
11AC40MIMO	Ant1	5190	0.07	0.17	41.18	3.85	14.29
11AC40MIMO	Ant2	5190	0.06	0.17	35.29	4.52	16.67
11AC40MIMO	Ant1	5230	0.06	0.16	37.50	4.26	16.67
11AC40MIMO	Ant2	5230	0.07	0.17	41.18	3.85	14.29
11AC80MIMO	Ant1	5210	0.05	0.15	33.33	4.77	20.00
11AC80MIMO	Ant2	5210	0.05	0.15	33.33	4.77	20.00
11AX20MIMO	Ant1	5180	0.11	0.21	52.38	2.81	9.09
11AX20MIMO	Ant2	5180	0.11	0.21	52.38	2.81	9.09
11AX20MIMO	Ant1	5200	0.11	0.21	52.38	2.81	9.09
11AX20MIMO	Ant2	5200	0.11	0.21	52.38	2.81	9.09
11AX20MIMO	Ant1	5240	0.11	0.21	52.38	2.81	9.09
11AX20MIMO	Ant2	5240	0.11	0.21	52.38	2.81	9.09
11AX40MIMO	Ant1	5190	0.08	0.19	42.11	3.76	12.50
11AX40MIMO	Ant2	5190	0.08	0.18	44.44	3.52	12.50
11AX40MIMO	Ant1	5230	0.08	0.18	44.44	3.52	12.50
11AX40MIMO	Ant2	5230	0.09	0.19	47.37	3.24	11.11
11AX80MIMO	Ant1	5210	0.07	0.18	38.89	4.10	14.29

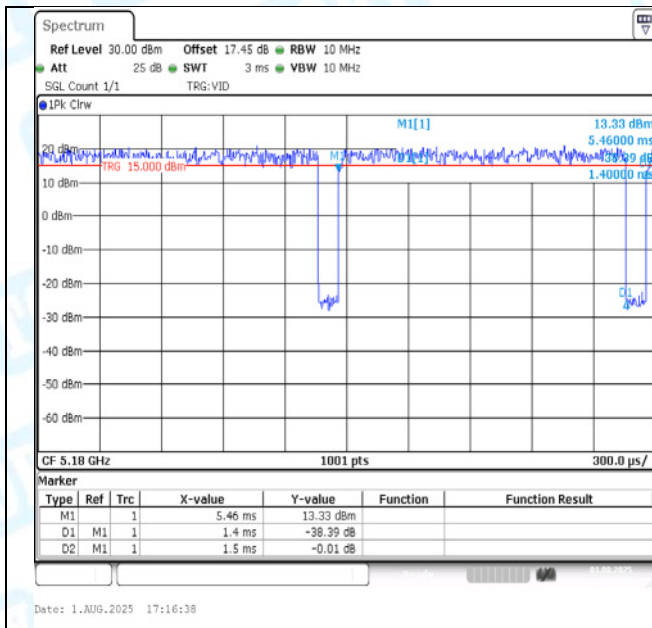
11AX80MIMO	Ant2	5210	0.08	0.18	44.44	3.52	12.50
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Note: 1, Duty Cycle= Transmission Duration/ Transmission Period

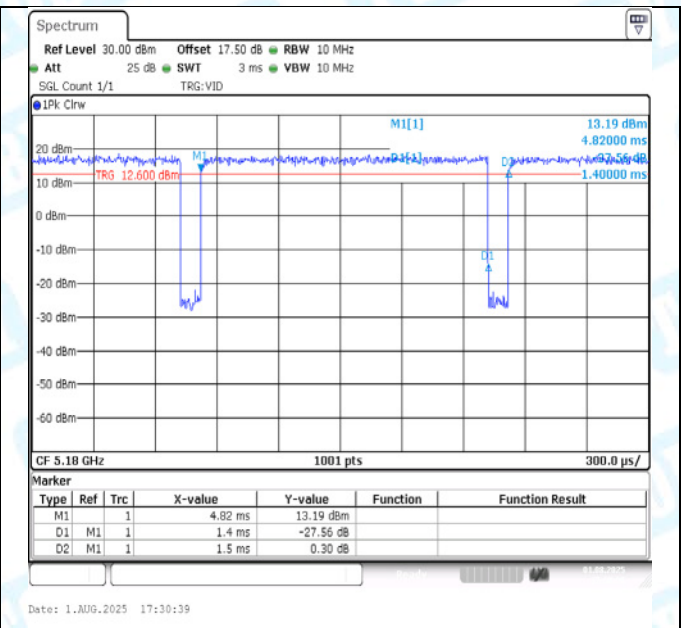
2, DC Factory= $10 \cdot \log_{10}(1/\text{Duty Cycle})$

3, $1/T=1/\text{Transmission Duration}$

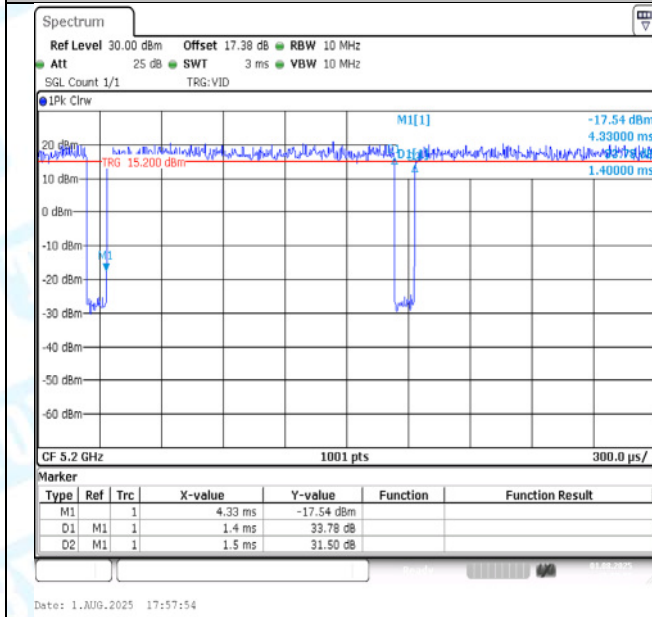
3.2 Test Graphs



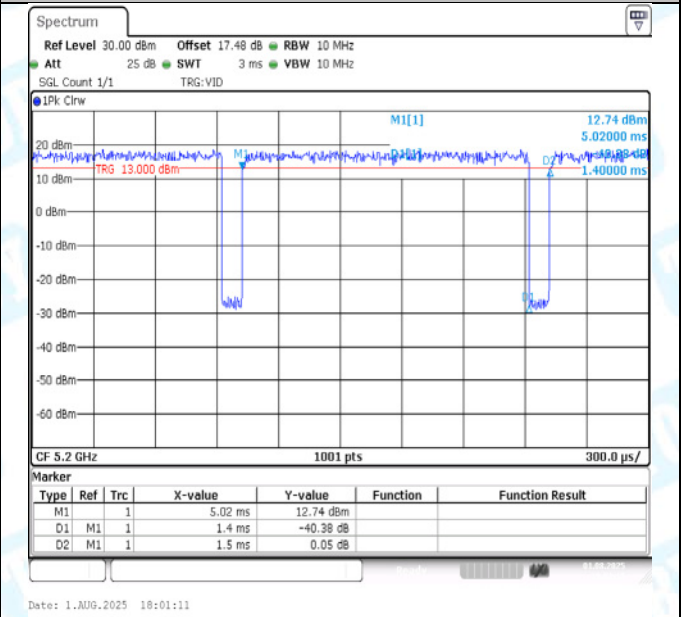
NTNV-11A-CDD-Ant1-5180



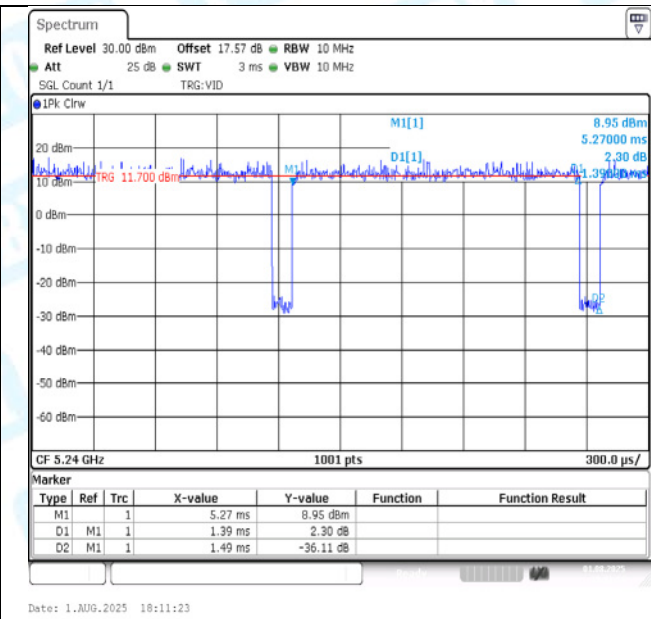
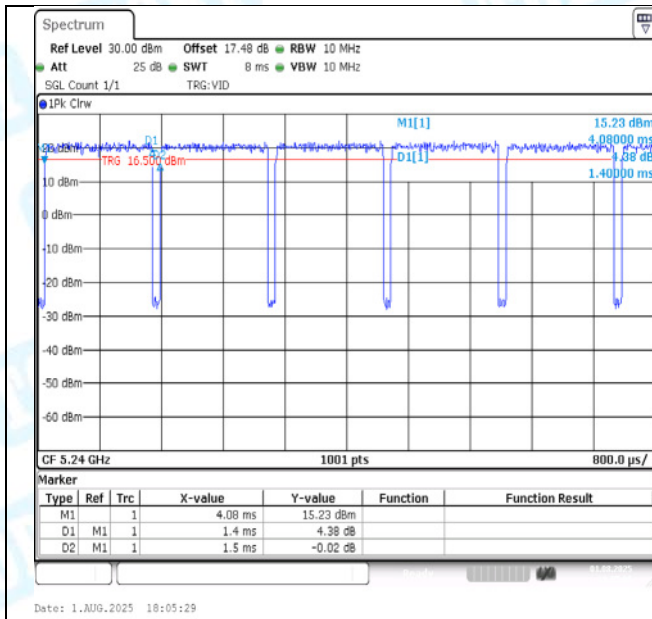
NTNV-11A-CDD-Ant2-5180



NTNV-11A-CDD-Ant1-5200

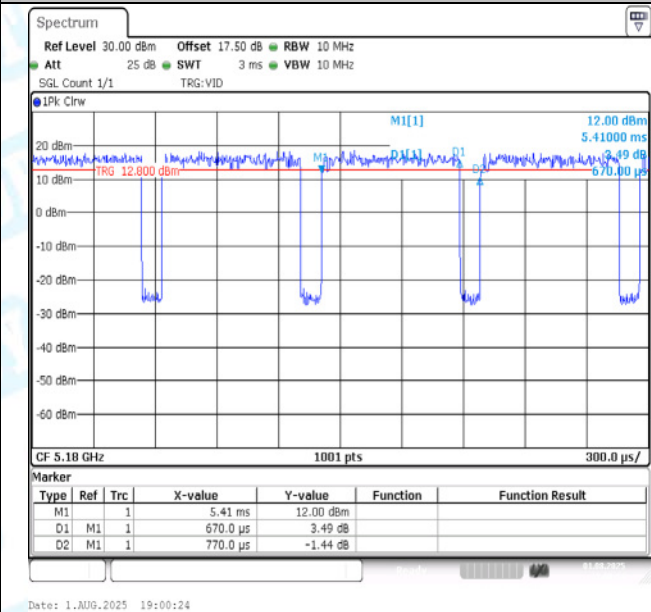
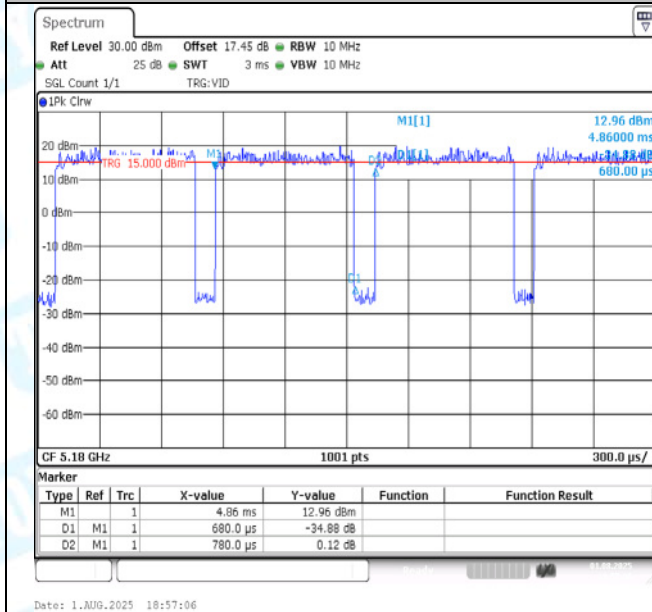


NTNV-11A-CDD-Ant2-5200



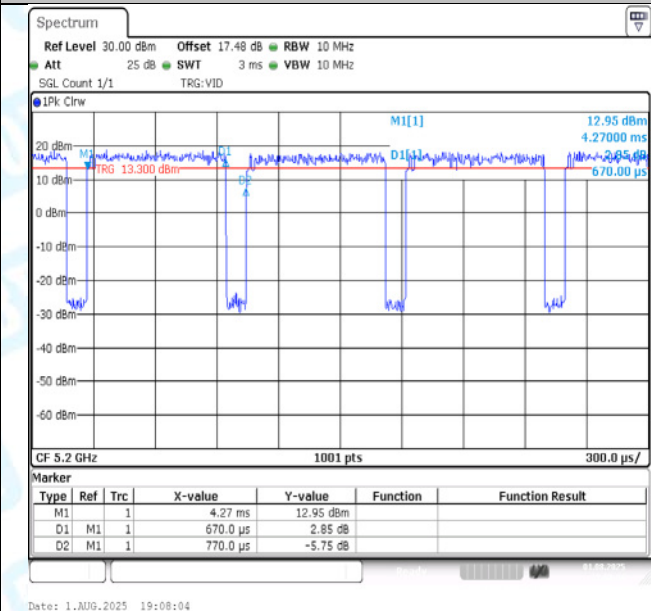
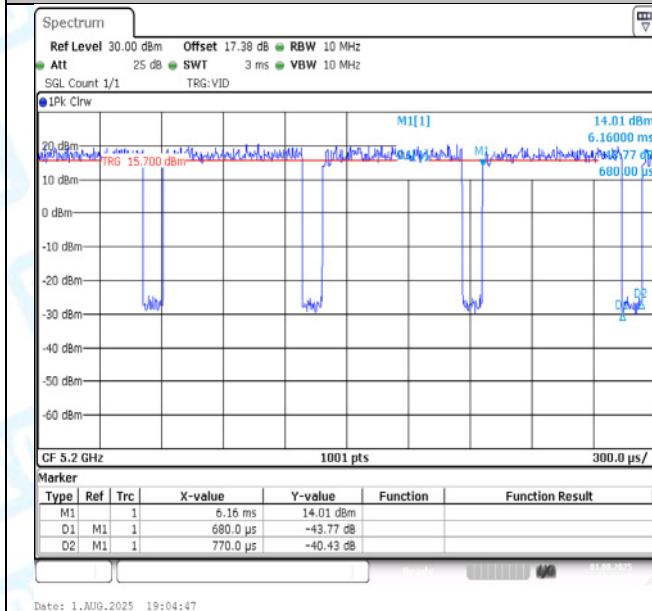
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NTNV-11A-CDD-Ant2-5240

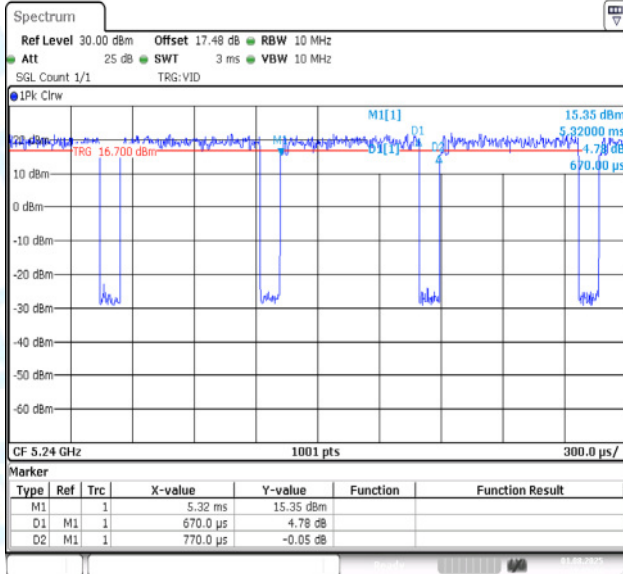


NTNV-11N20-CDD-Ant1-5180

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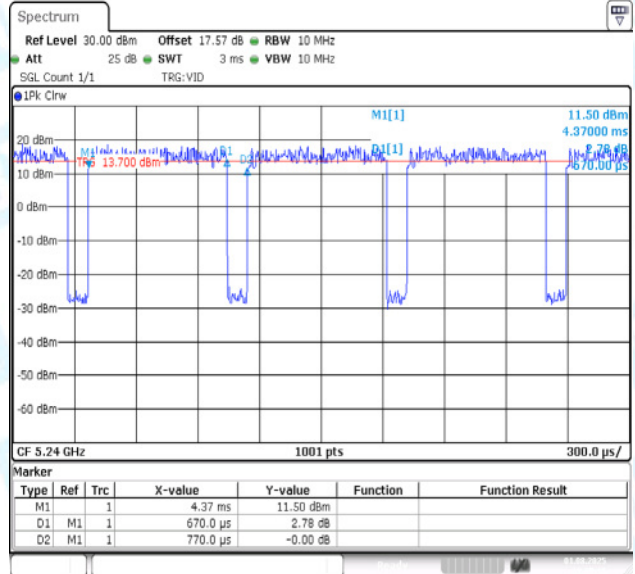


NTNV-11N20-CDD-Ant1-5200



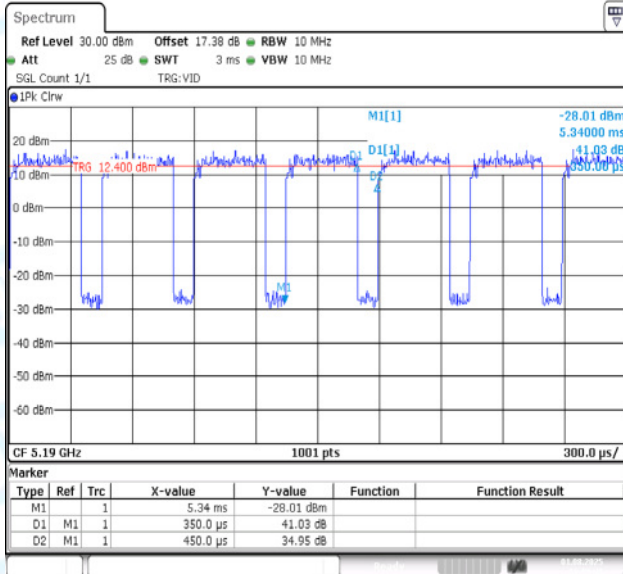
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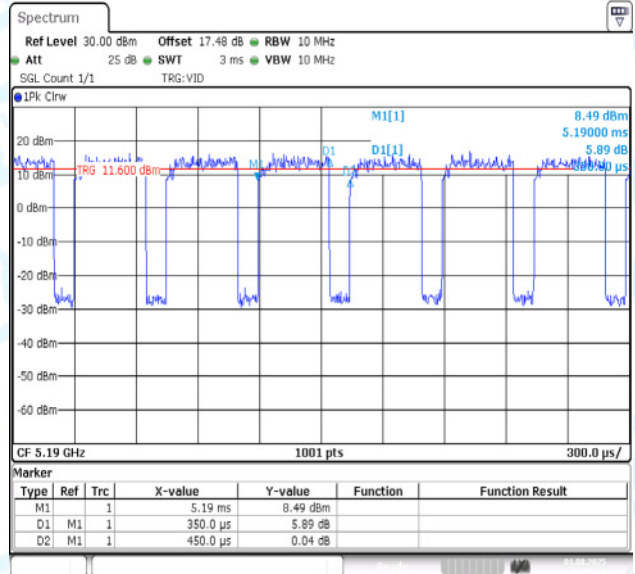
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NTNV-11N20-CDD-Ant1-5240



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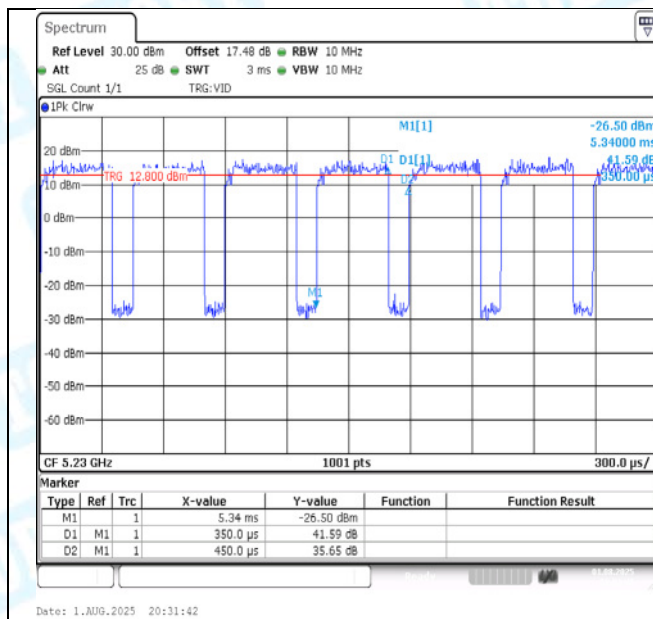
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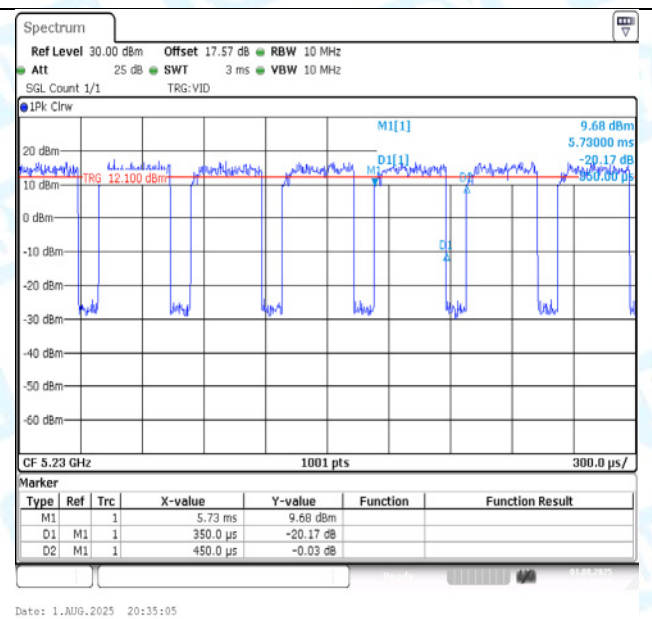
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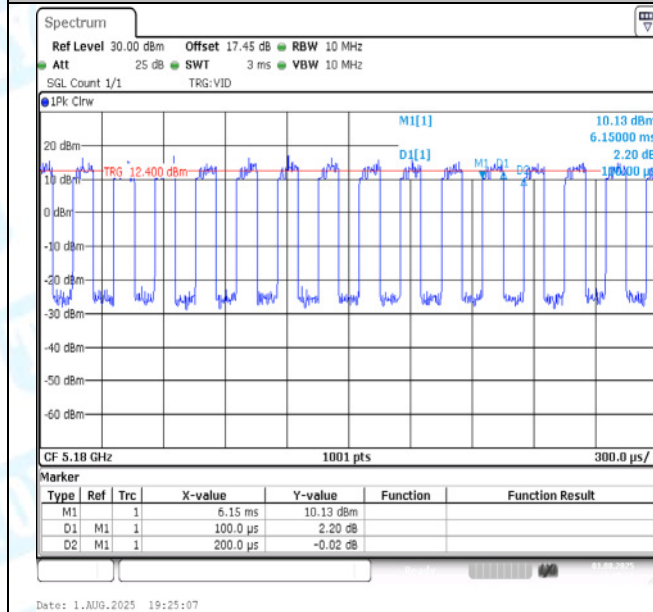
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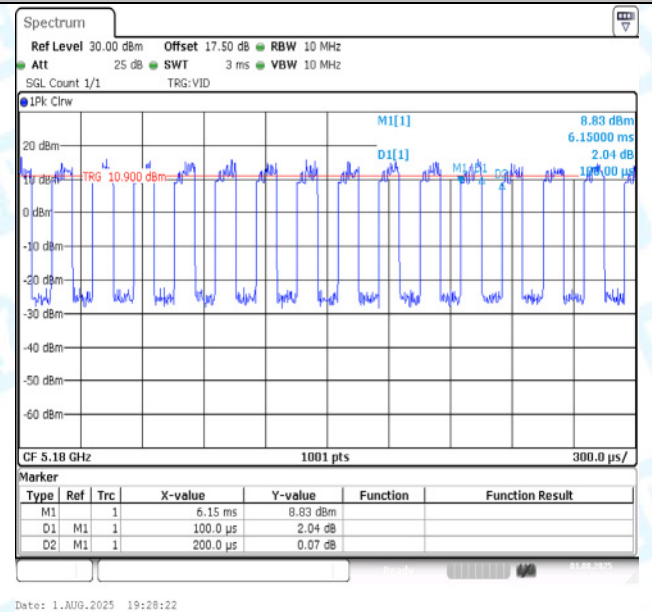
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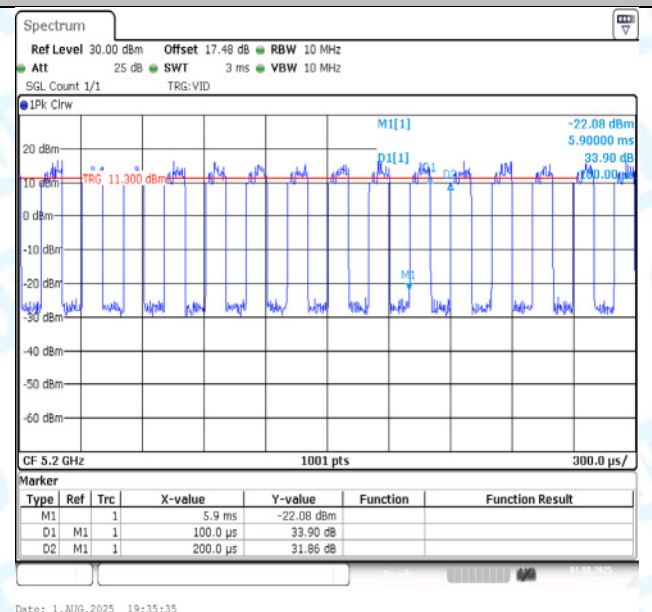
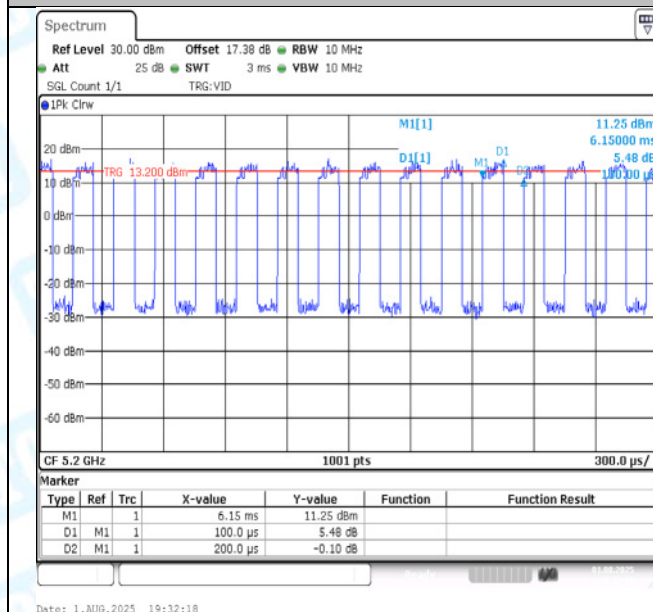
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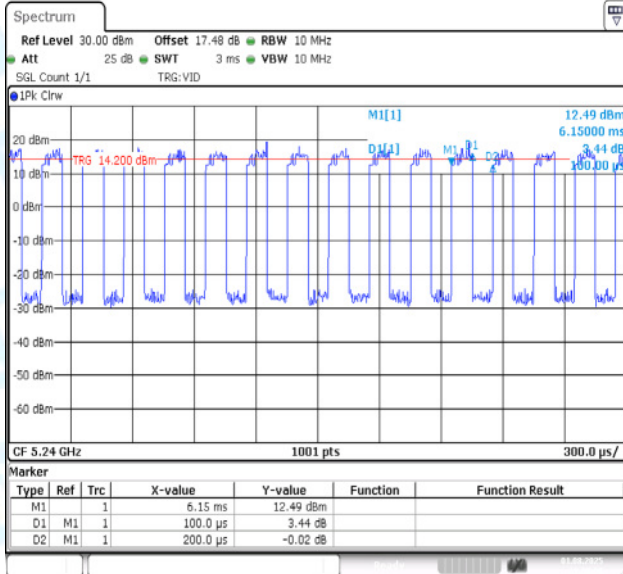
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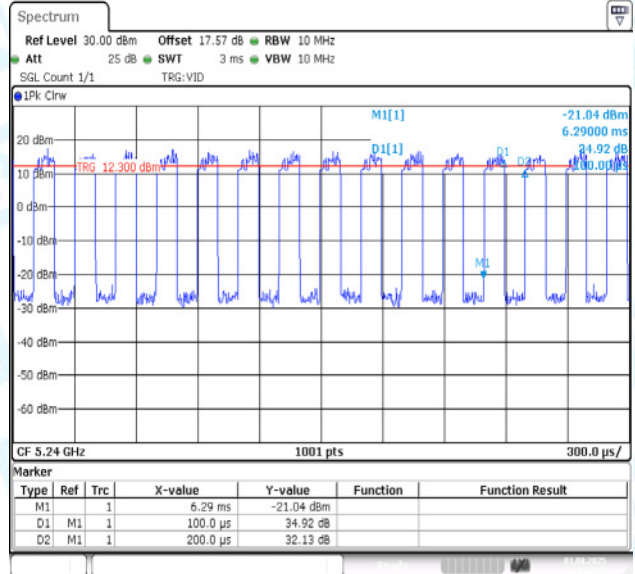


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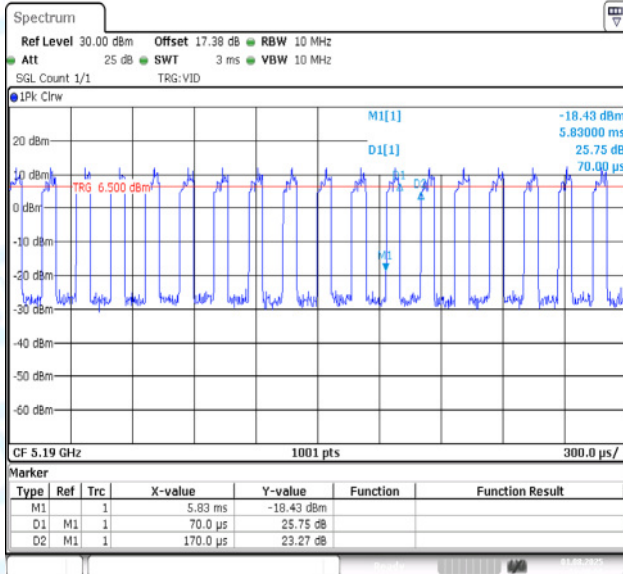
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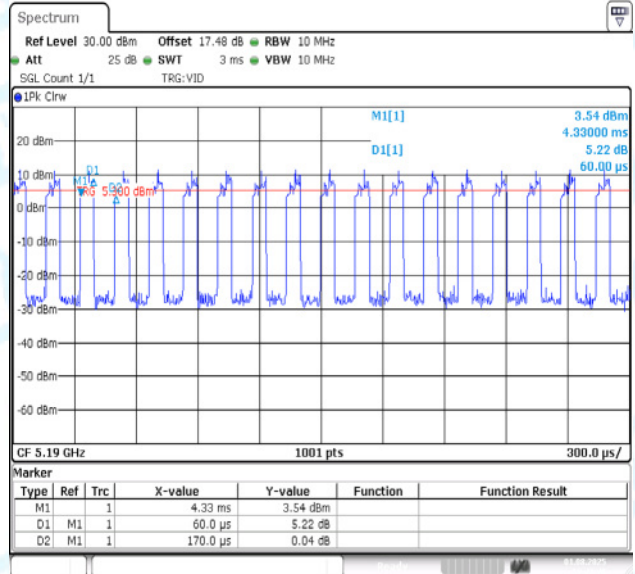
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NTNV-11AC20MIMO-Ant1-5240



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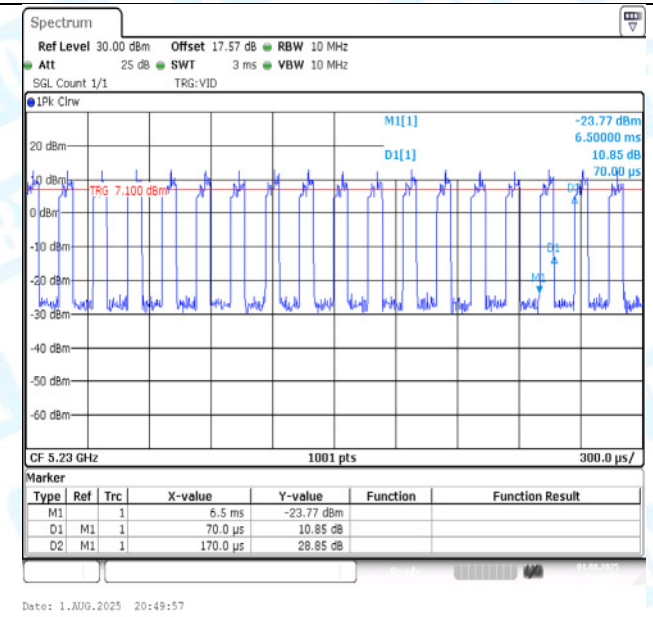
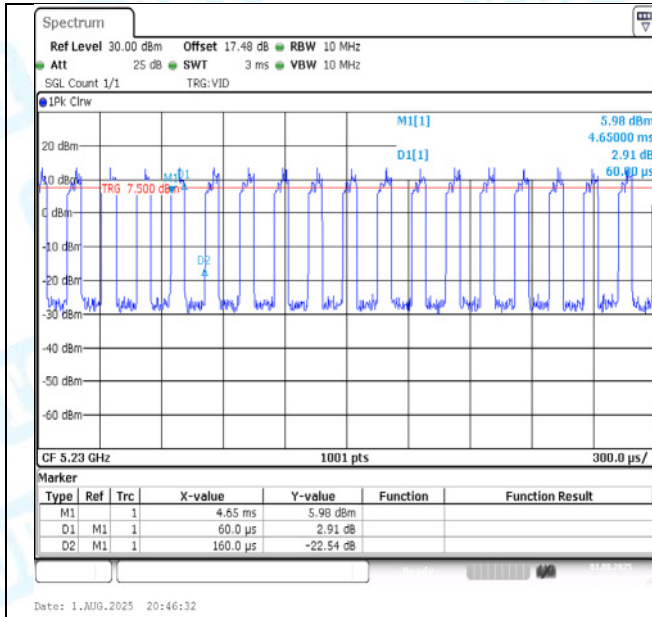
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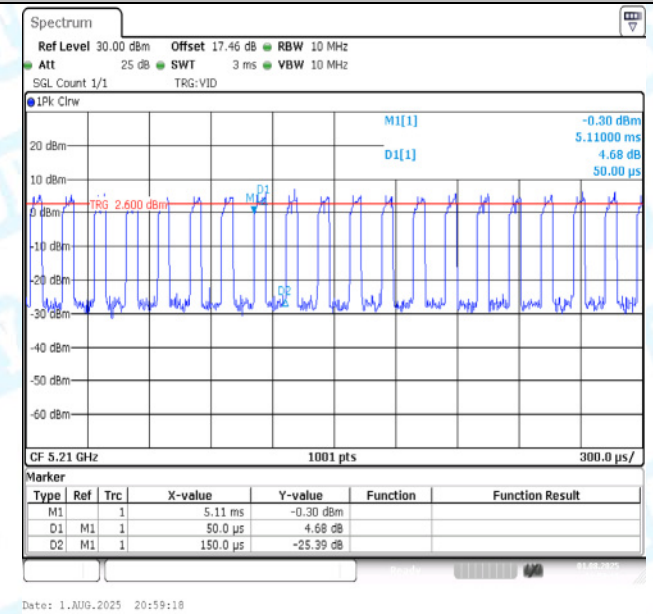
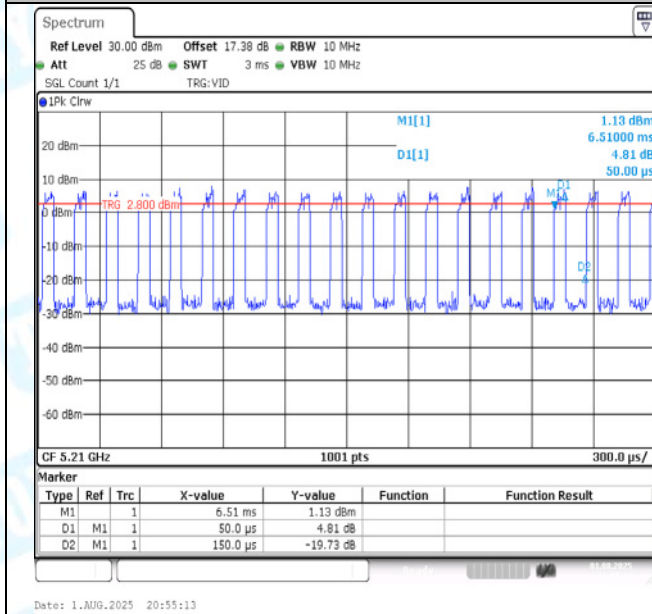
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NTNV-11AC40MIMO-Ant2-5190



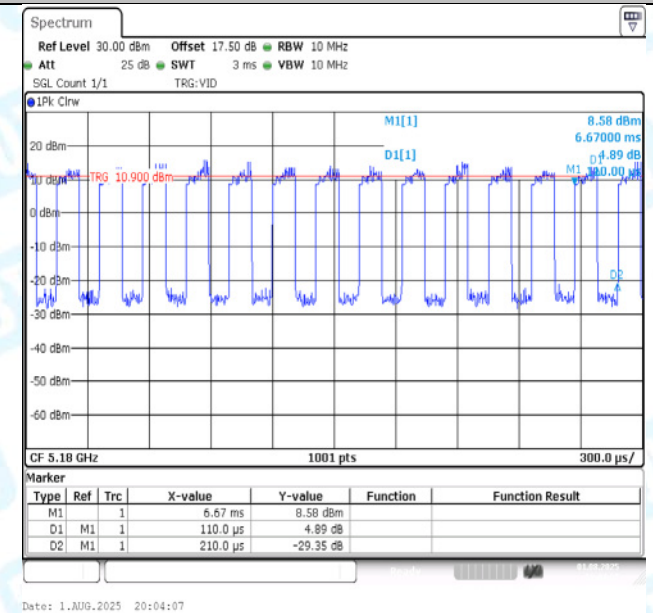
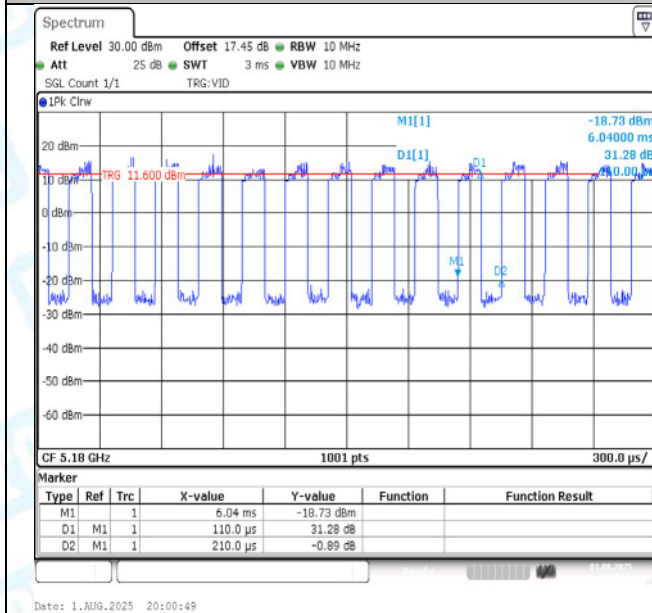
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NTVN-11AC40MIMO-Ant2-5230

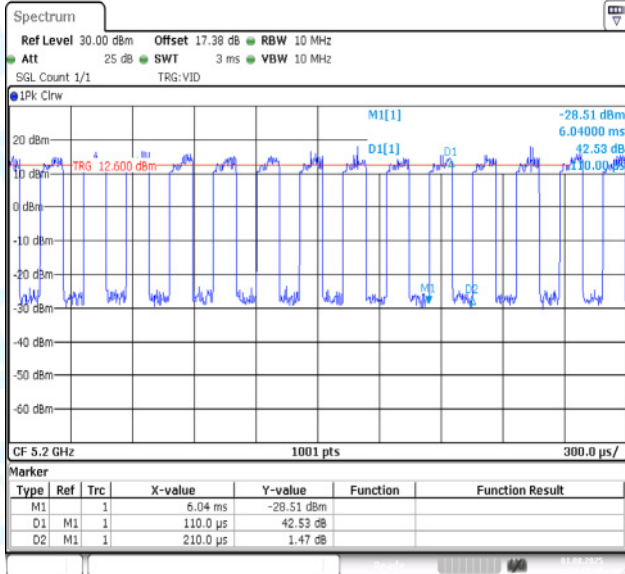


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NTVN-11AC80MIMO-Ant2-5210

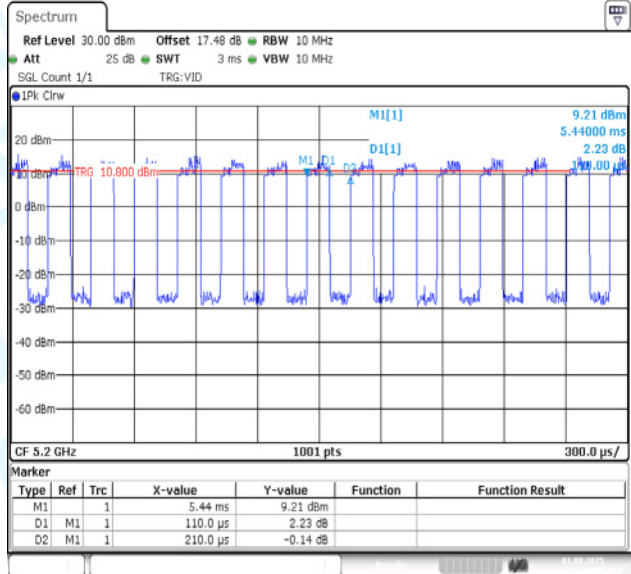


NTNV-11AX20MIMO-Ant1-5180



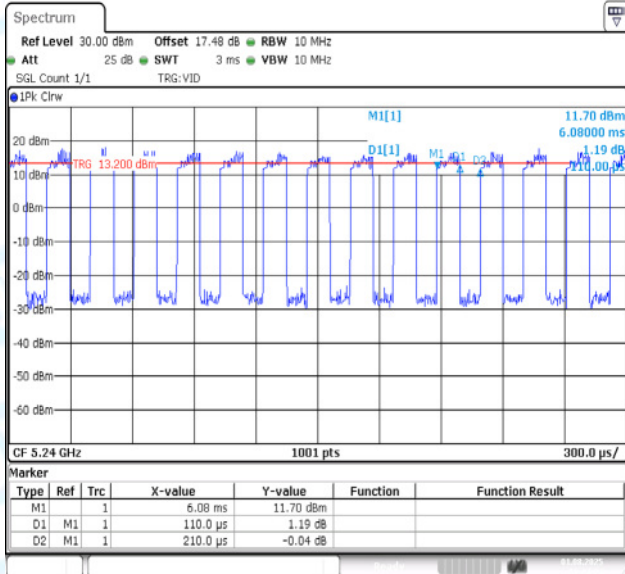
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NTNV-11AX20MIMO-Ant2-5180



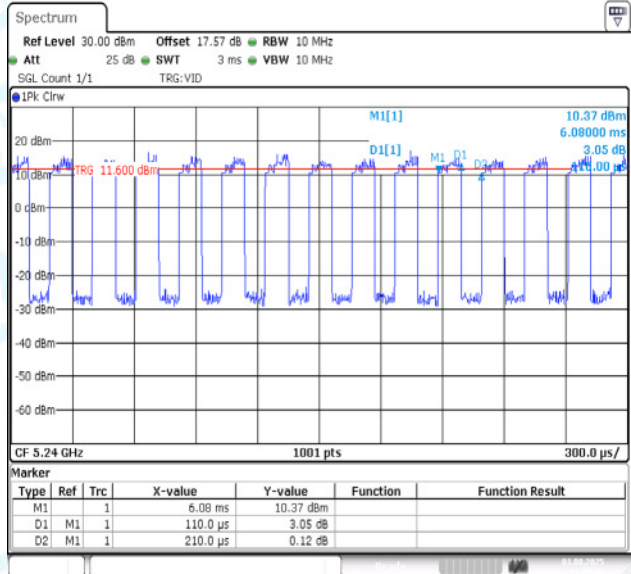
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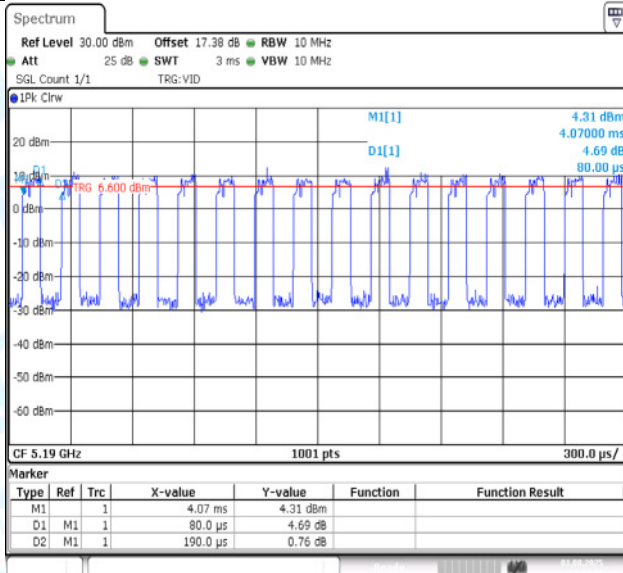
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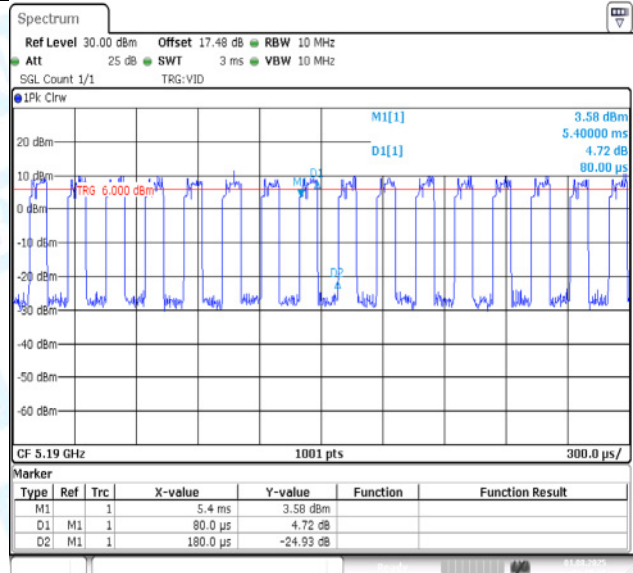
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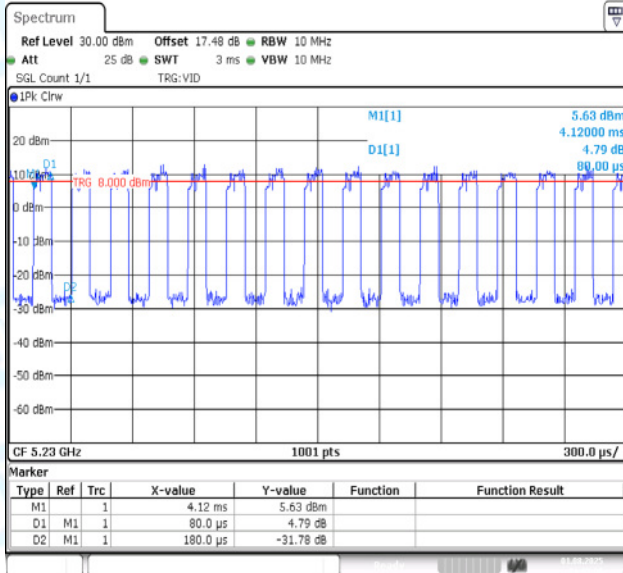
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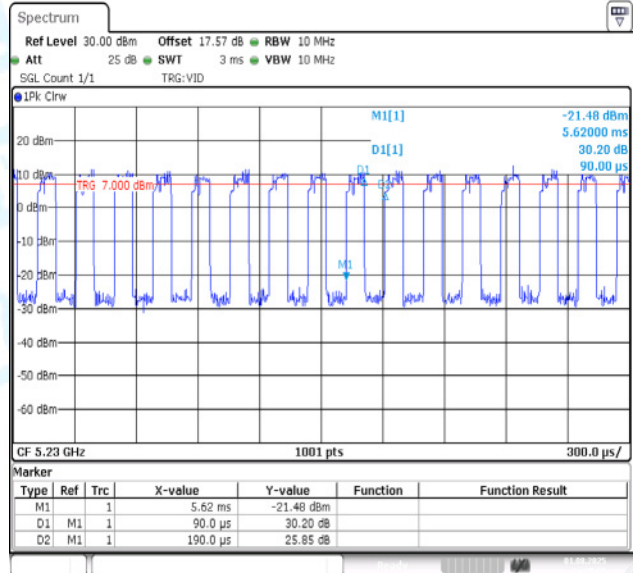
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NTVN-11AX40MIMO-Ant2-5190



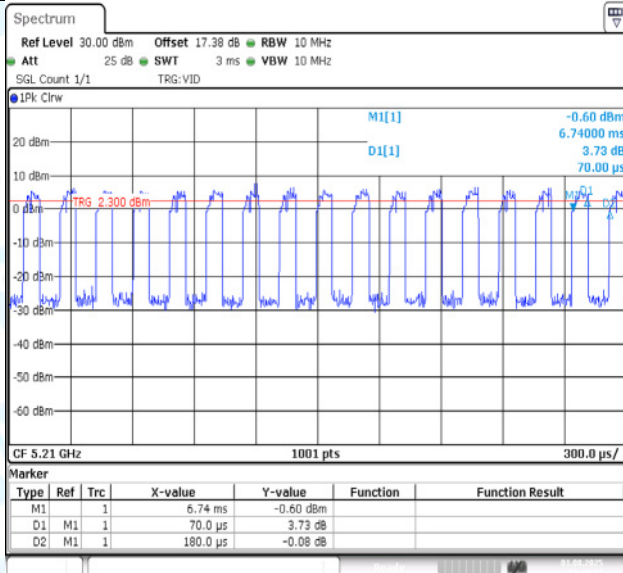
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NTVN-11AX40MIMO-Ant1-5230

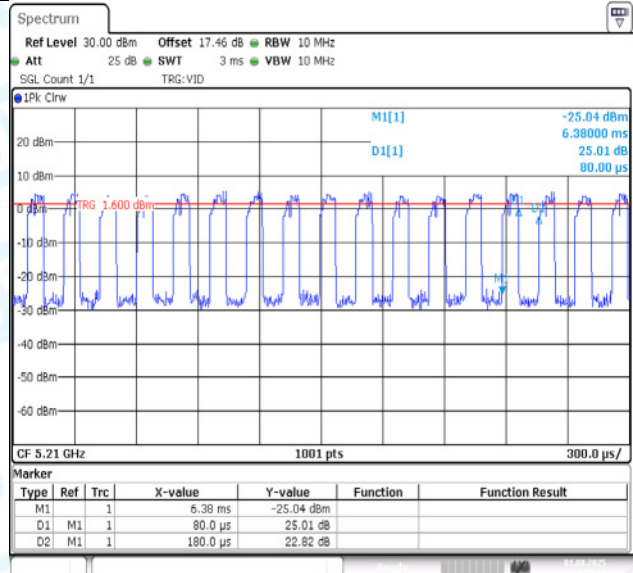


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NTVN-11AX40MIMO-Ant2-5230



Date: 1.AUG.2025 21:19:22



Date: 1.AUG.2025 21:27:12

NTNV-11AX80MIMO-Ant1-5210

NTNV-11AX80MIMO-Ant2-5210

4. Maximum conducted output power

4.1 Test Result

TestMode	Antenna	Frequency [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A-CDD	Ant1	5180	12.01	≤23.98	PASS
11A-CDD	Ant2	5180	10.98	≤23.98	PASS
11A-CDD	total	5180	14.54	≤23.60	PASS
11A-CDD	Ant1	5200	12.37	≤23.98	PASS
11A-CDD	Ant2	5200	11.33	≤23.98	PASS
11A-CDD	total	5200	14.89	≤23.60	PASS
11A-CDD	Ant1	5240	12.99	≤23.98	PASS
11A-CDD	Ant2	5240	7.33	≤23.98	PASS
11A-CDD	total	5240	14.03	≤23.60	PASS
11N20-CDD	Ant1	5180	11.50	≤23.98	PASS
11N20-CDD	Ant2	5180	10.79	≤23.98	PASS
11N20-CDD	total	5180	14.17	≤23.60	PASS
11N20-CDD	Ant1	5200	12.30	≤23.98	PASS
11N20-CDD	Ant2	5200	11.35	≤23.98	PASS
11N20-CDD	total	5200	14.86	≤23.60	PASS
11N20-CDD	Ant1	5240	11.56	≤23.98	PASS
11N20-CDD	Ant2	5240	10.19	≤23.98	PASS
11N20-CDD	total	5240	13.94	≤23.60	PASS
11N40-CDD	Ant1	5190	11.66	≤23.98	PASS
11N40-CDD	Ant2	5190	10.95	≤23.98	PASS
11N40-CDD	total	5190	14.33	≤23.60	PASS
11N40-CDD	Ant1	5230	13.14	≤23.98	PASS
11N40-CDD	Ant2	5230	12.42	≤23.98	PASS
11N40-CDD	total	5230	15.81	≤23.60	PASS
11AC20MIMO	Ant1	5180	8.84	≤23.98	PASS
11AC20MIMO	Ant2	5180	8.06	≤23.98	PASS
11AC20MIMO	total	5180	11.48	≤23.60	PASS
11AC20MIMO	Ant1	5200	9.64	≤23.98	PASS
11AC20MIMO	Ant2	5200	8.39	≤23.98	PASS
11AC20MIMO	total	5200	12.07	≤23.60	PASS
11AC20MIMO	Ant1	5240	11.08	≤23.98	PASS
11AC20MIMO	Ant2	5240	9.83	≤23.98	PASS
11AC20MIMO	total	5240	13.51	≤23.60	PASS
11AC40MIMO	Ant1	5190	7.78	≤23.98	PASS
11AC40MIMO	Ant2	5190	7.49	≤23.98	PASS
11AC40MIMO	total	5190	10.65	≤23.60	PASS
11AC40MIMO	Ant1	5230	9.68	≤23.98	PASS
11AC40MIMO	Ant2	5230	8.16	≤23.98	PASS
11AC40MIMO	total	5230	12.00	≤23.60	PASS
11AC80MIMO	Ant1	5210	8.28	≤23.98	PASS
11AC80MIMO	Ant2	5210	7.34	≤23.98	PASS

11AC80MIMO	total	5210	10.85	≤23.60	PASS
11AX20MIMO	Ant1	5180	8.63	≤23.98	PASS
11AX20MIMO	Ant2	5180	7.73	≤23.98	PASS
11AX20MIMO	total	5180	11.21	≤23.60	PASS
11AX20MIMO	Ant1	5200	9.39	≤23.98	PASS
11AX20MIMO	Ant2	5200	8.15	≤23.98	PASS
11AX20MIMO	total	5200	11.82	≤23.60	PASS
11AX20MIMO	Ant1	5240	10.69	≤23.98	PASS
11AX20MIMO	Ant2	5240	9.48	≤23.98	PASS
11AX20MIMO	total	5240	13.14	≤23.60	PASS
11AX40MIMO	Ant1	5190	8.50	≤23.98	PASS
11AX40MIMO	Ant2	5190	7.40	≤23.98	PASS
11AX40MIMO	total	5190	11.00	≤23.60	PASS
11AX40MIMO	Ant1	5230	9.80	≤23.98	PASS
11AX40MIMO	Ant2	5230	8.36	≤23.98	PASS
11AX40MIMO	total	5230	12.15	≤23.60	PASS
11AX80MIMO	Ant1	5210	7.07	≤23.98	PASS
11AX80MIMO	Ant2	5210	5.52	≤23.98	PASS
11AX80MIMO	total	5210	9.37	≤23.60	PASS

Note: The duty factor has been compensated into the result.

5. Maximum power spectral density

5.1 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-CDD	Ant1	5180	1.92	0.30	2.22	≤11.00	PASS
11A-CDD	Ant2	5180	0.59	0.30	0.89	≤11.00	PASS
11A-CDD	total	5180	---	---	4.62	≤10.62	PASS
11A-CDD	Ant1	5200	2.4	0.30	2.70	≤11.00	PASS
11A-CDD	Ant2	5200	0.96	0.30	1.26	≤11.00	PASS
11A-CDD	total	5200	---	---	5.05	≤10.62	PASS
11A-CDD	Ant1	5240	4.14	0.30	4.44	≤11.00	PASS
11A-CDD	Ant2	5240	-2.83	0.30	-2.53	≤11.00	PASS
11A-CDD	total	5240	---	---	5.24	≤10.62	PASS
11N20-CDD	Ant1	5180	1	0.60	1.60	≤11.00	PASS
11N20-CDD	Ant2	5180	0.01	0.60	0.61	≤11.00	PASS
11N20-CDD	total	5180	---	---	4.14	≤10.62	PASS
11N20-CDD	Ant1	5200	1.66	0.54	2.20	≤11.00	PASS
11N20-CDD	Ant2	5200	0.65	0.60	1.25	≤11.00	PASS
11N20-CDD	total	5200	---	---	4.76	≤10.62	PASS
11N20-CDD	Ant1	5240	0.85	0.60	1.45	≤11.00	PASS
11N20-CDD	Ant2	5240	-0.67	0.60	-0.07	≤11.00	PASS
11N20-CDD	total	5240	---	---	3.77	≤10.62	PASS
11N40-CDD	Ant1	5190	-3.07	1.09	-1.98	≤11.00	PASS
11N40-CDD	Ant2	5190	-3.39	1.09	-2.30	≤11.00	PASS
11N40-CDD	total	5190	---	---	0.87	≤10.62	PASS
11N40-CDD	Ant1	5230	-1.97	1.09	-0.88	≤11.00	PASS
11N40-CDD	Ant2	5230	-2.07	1.09	-0.98	≤11.00	PASS
11N40-CDD	total	5230	---	---	2.08	≤10.62	PASS
11AC20MIMO	Ant1	5180	-4.92	3.01	-1.91	≤11.00	PASS
11AC20MIMO	Ant2	5180	-6.11	3.01	-3.10	≤11.00	PASS
11AC20MIMO	total	5180	---	---	0.55	≤10.62	PASS
11AC20MIMO	Ant1	5200	-4.04	3.01	-1.03	≤11.00	PASS
11AC20MIMO	Ant2	5200	-4.66	3.01	-1.65	≤11.00	PASS
11AC20MIMO	total	5200	---	---	1.68	≤10.62	PASS
11AC20MIMO	Ant1	5240	-2.82	3.01	0.19	≤11.00	PASS
11AC20MIMO	Ant2	5240	-3.46	3.01	-0.45	≤11.00	PASS
11AC20MIMO	total	5240	---	---	2.89	≤10.62	PASS
11AC40MIMO	Ant1	5190	-10.53	3.85	-6.68	≤11.00	PASS
11AC40MIMO	Ant2	5190	-10.92	4.52	-6.40	≤11.00	PASS
11AC40MIMO	total	5190	---	---	-3.53	≤10.62	PASS
11AC40MIMO	Ant1	5230	-7.94	4.26	-3.68	≤11.00	PASS
11AC40MIMO	Ant2	5230	-8.96	3.85	-5.11	≤11.00	PASS
11AC40MIMO	total	5230	---	---	-1.33	≤10.62	PASS

11AC80MIMO	Ant1	5210	-13.22	4.77	-8.45	≤11.00	PASS
11AC80MIMO	Ant2	5210	-14.49	4.77	-9.72	≤11.00	PASS
11AC80MIMO	total	5210	---	---	-6.03	≤10.62	PASS
11AX20MIMO	Ant1	5180	-5.26	2.81	-2.45	≤11.00	PASS
11AX20MIMO	Ant2	5180	-6.36	2.81	-3.55	≤11.00	PASS
11AX20MIMO	total	5180	---	---	0.05	≤10.62	PASS
11AX20MIMO	Ant1	5200	-4.39	2.81	-1.58	≤11.00	PASS
11AX20MIMO	Ant2	5200	-5.83	2.81	-3.02	≤11.00	PASS
11AX20MIMO	total	5200	---	---	0.77	≤10.62	PASS
11AX20MIMO	Ant1	5240	-3.11	2.81	-0.30	≤11.00	PASS
11AX20MIMO	Ant2	5240	-4.49	2.81	-1.68	≤11.00	PASS
11AX20MIMO	total	5240	---	---	2.07	≤10.62	PASS
11AX40MIMO	Ant1	5190	-9.9	3.76	-6.14	≤11.00	PASS
11AX40MIMO	Ant2	5190	-10.52	3.52	-7.00	≤11.00	PASS
11AX40MIMO	total	5190	---	---	-3.54	≤10.62	PASS
11AX40MIMO	Ant1	5230	-7.85	3.52	-4.33	≤11.00	PASS
11AX40MIMO	Ant2	5230	-9.21	3.24	-5.97	≤11.00	PASS
11AX40MIMO	total	5230	---	---	-2.06	≤10.62	PASS
11AX80MIMO	Ant1	5210	-15.47	4.10	-11.37	≤11.00	PASS
11AX80MIMO	Ant2	5210	-15.25	3.52	-11.73	≤11.00	PASS
11AX80MIMO	total	5210	---	---	-8.54	≤10.62	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.

5.2 Test Graphs

