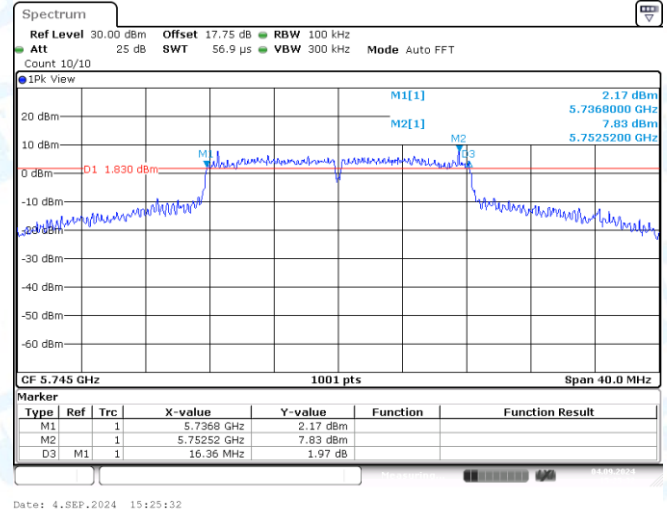
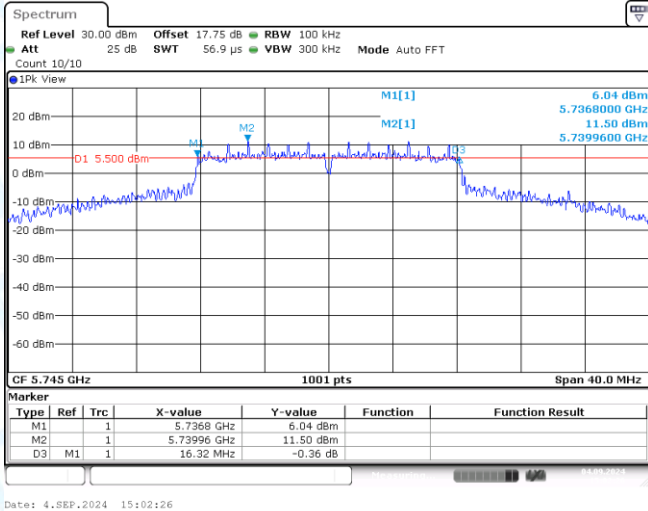
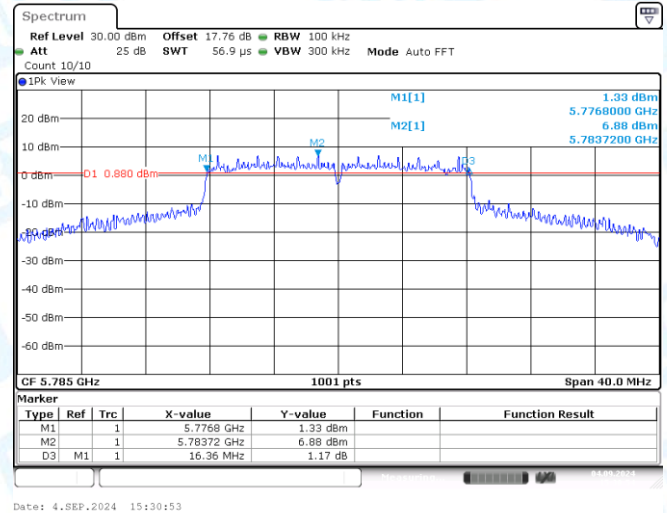
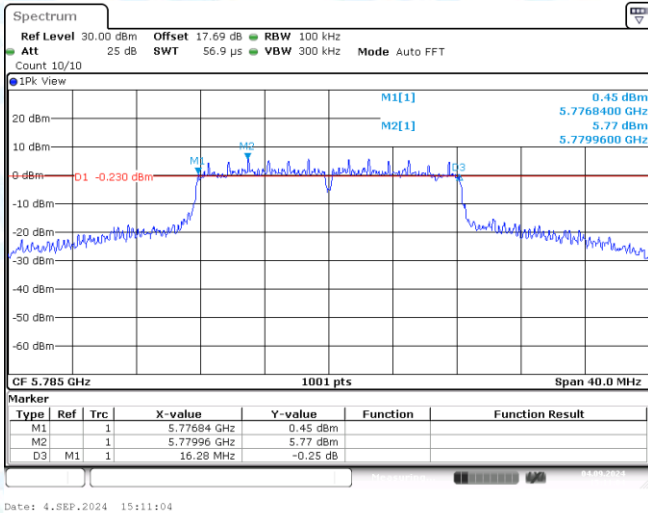


3.2 Test Graphs-B4



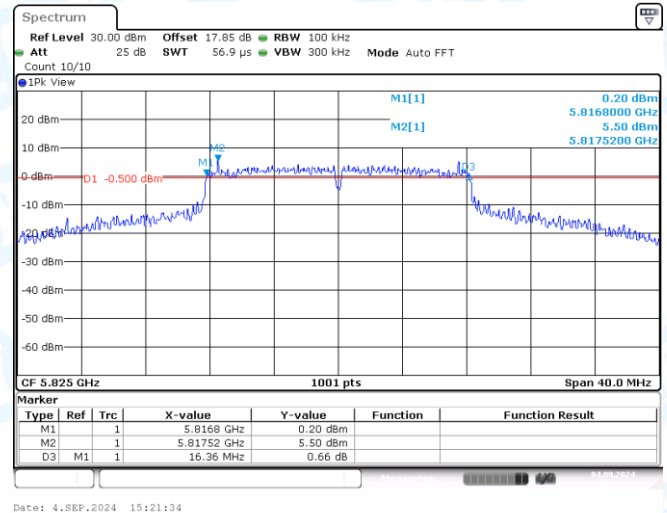
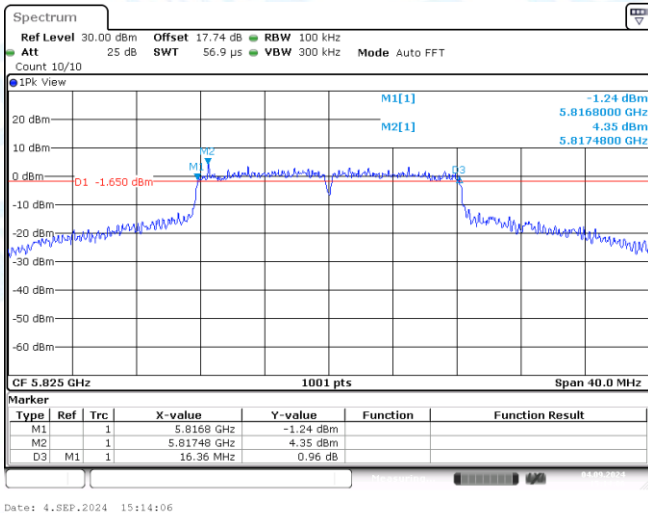
11A-Ant1-5745-PASS

11A-Ant2-5745-PASS



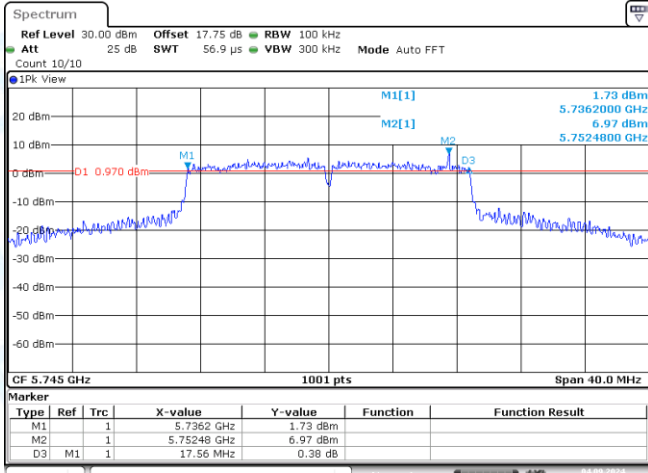
11A-Ant1-5785-PASS

11A-Ant2-5785-PASS



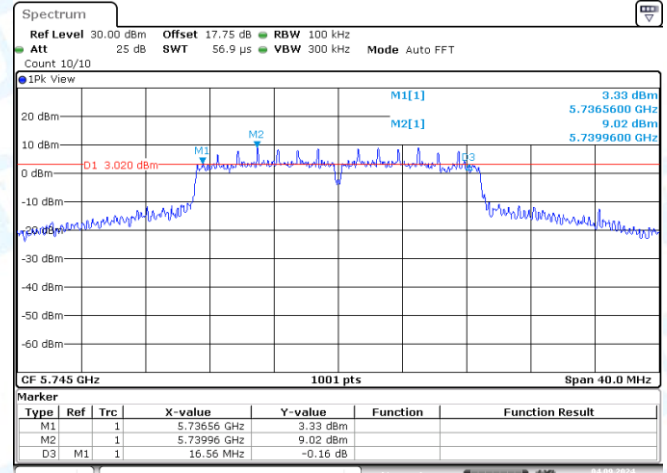
11A-Ant1-5825-PASS

11A-Ant2-5825-PASS



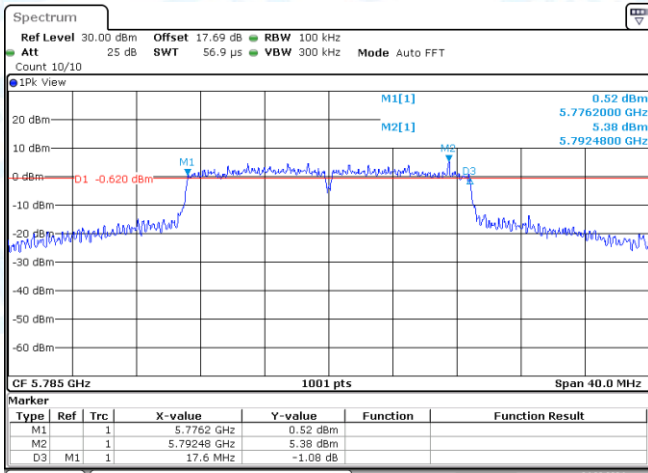
Date: 4.SEP.2024 15:45:21

11N20MIMO-Ant1-5745-PASS



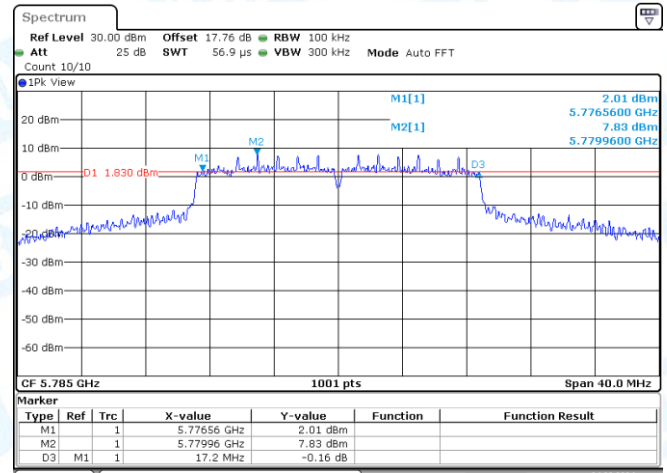
Date: 4.SEP.2024 15:46:27

11N20MIMO-Ant2-5745-PASS



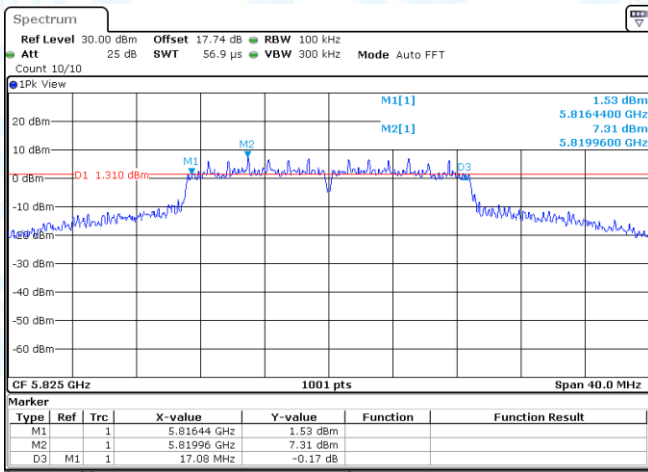
Date: 4.SEP.2024 15:50:38

11N20MIMO-Ant1-5785-PASS



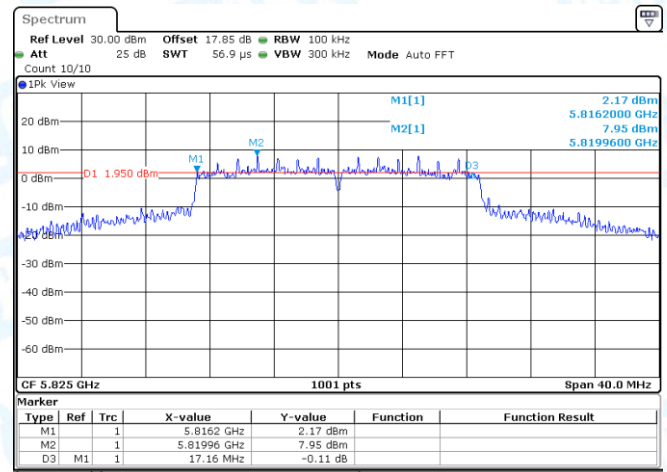
Date: 4.SEP.2024 15:51:44

11N20MIMO-Ant2-5785-PASS



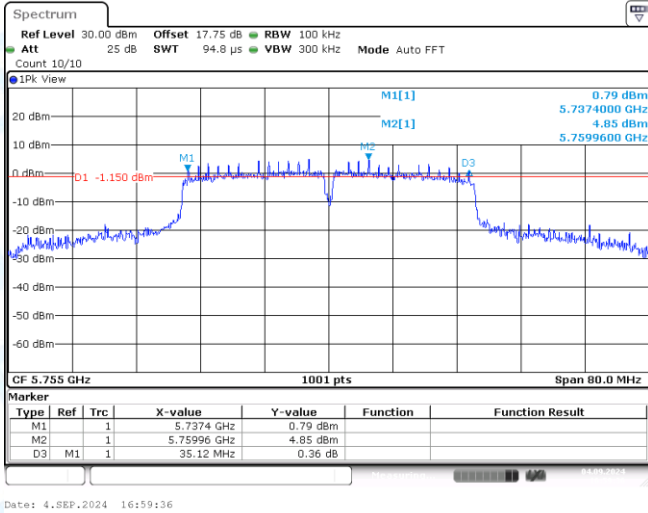
Date: 4.SEP.2024 16:04:28

11N20MIMO-Ant1-5825-PASS

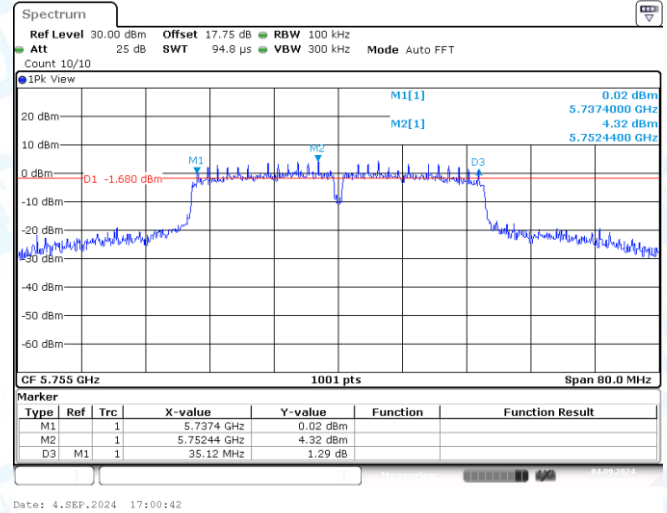


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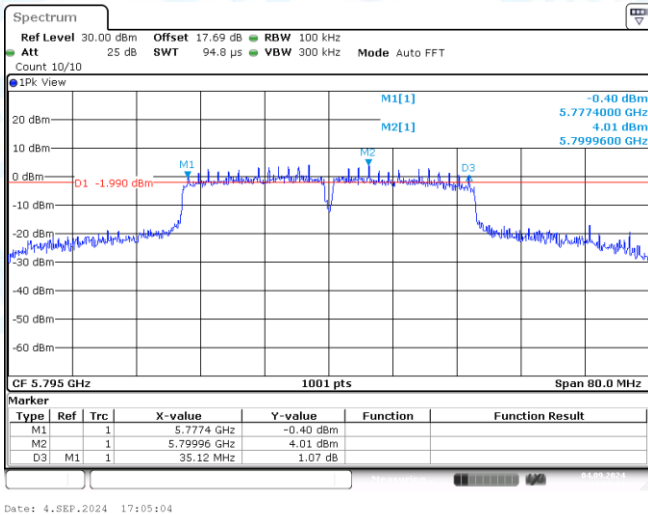
11N20MIMO-Ant2-5825-PASS



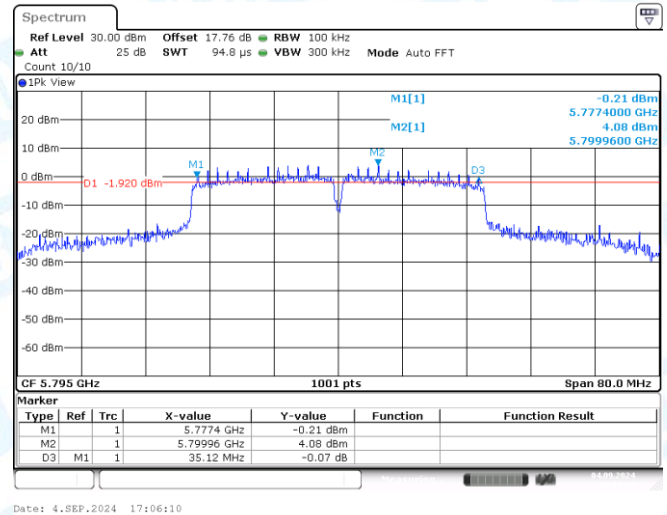
11N40MIMO-Ant1-5755-PASS



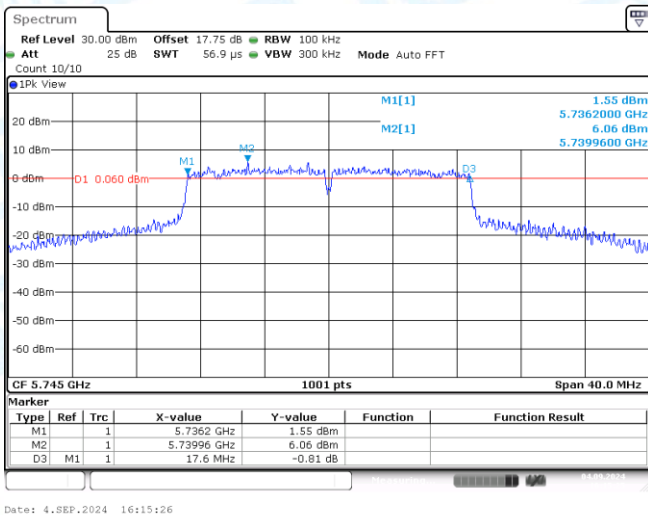
11N40MIMO-Ant2-5755-PASS



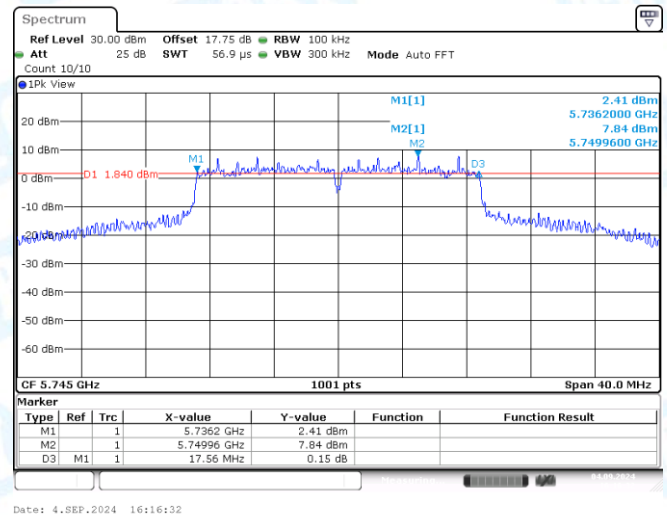
11N40MIMO-Ant1-5795-PASS



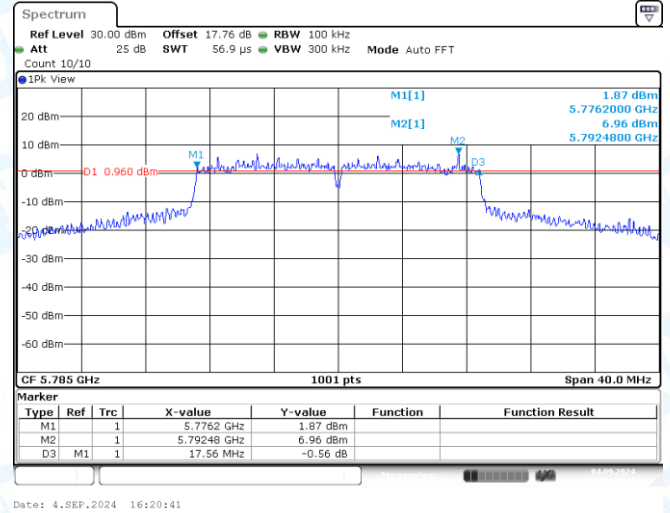
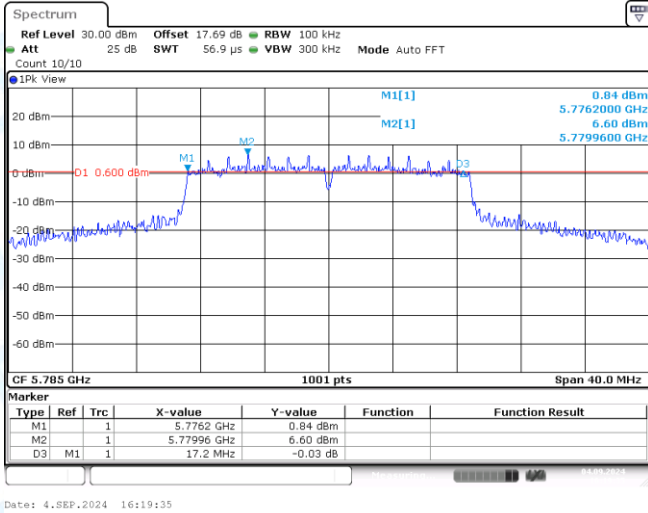
11N40MIMO-Ant2-5795-PASS



11AC20MIMO-Ant1-5745-PASS

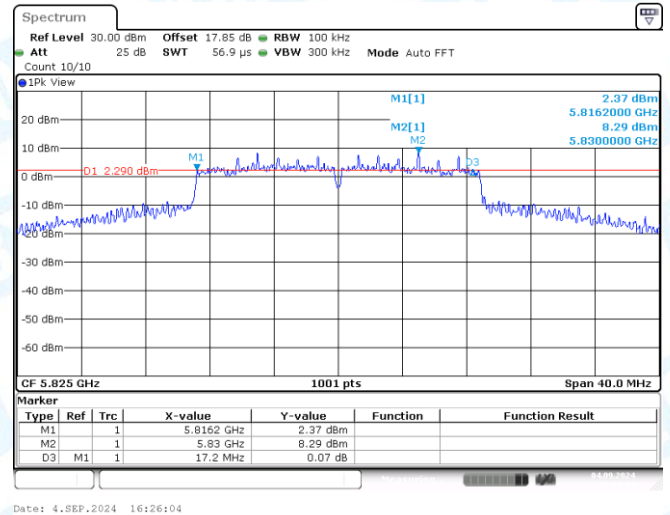
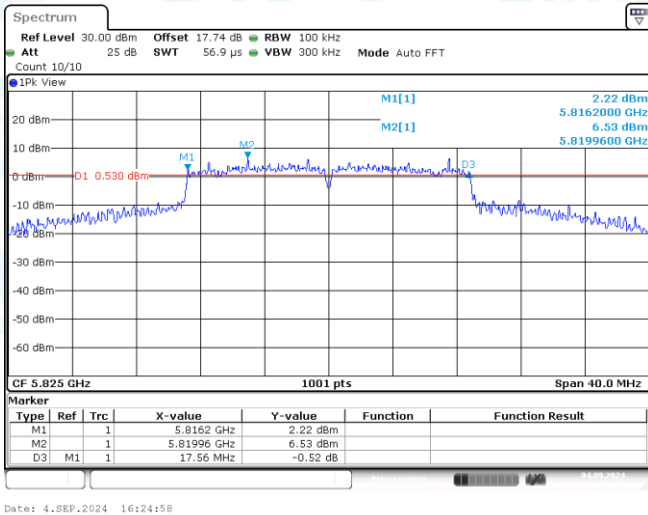


11AC20MIMO-Ant2-5745-PASS



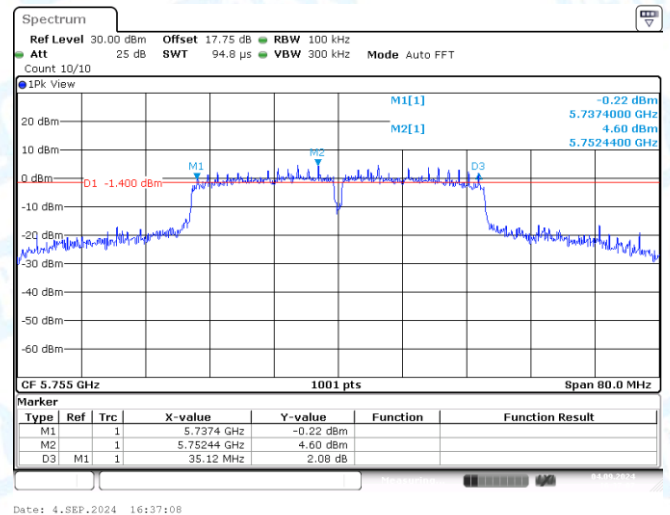
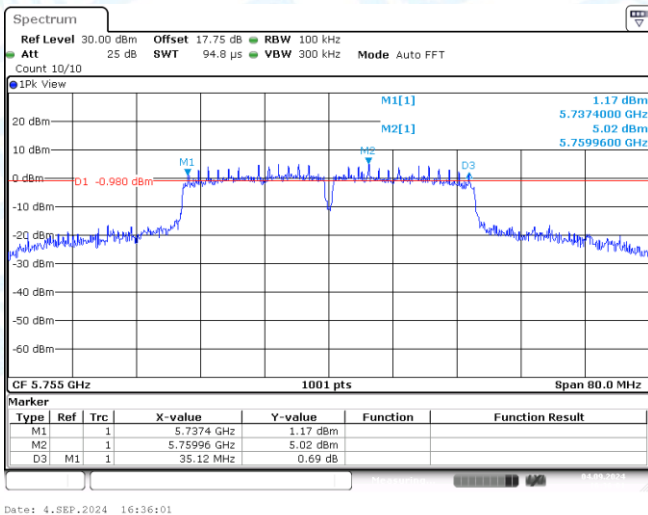
11AC20MIMO-Ant1-5785-PASS

11AC20MIMO-Ant2-5785-PASS



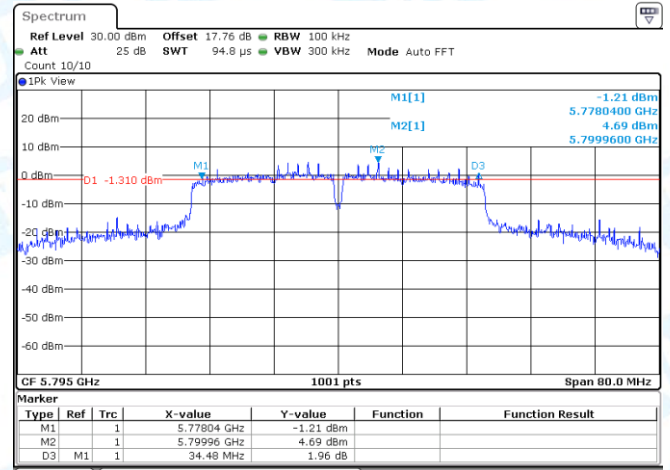
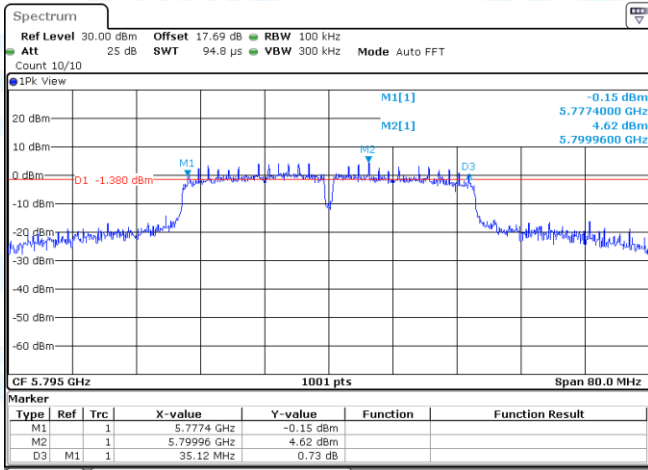
11AC20MIMO-Ant1-5825-PASS

11AC20MIMO-Ant2-5825-PASS



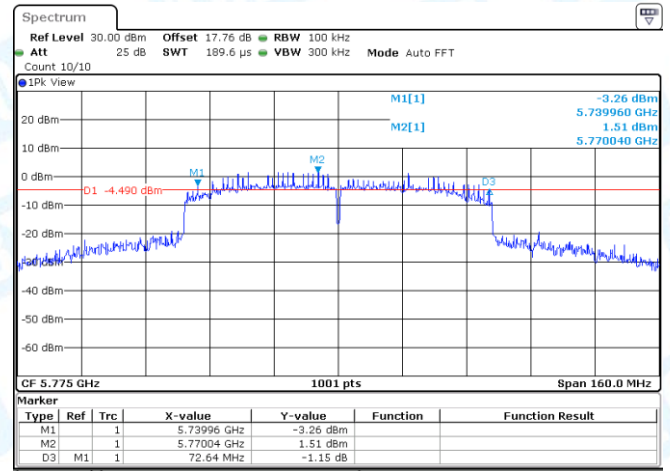
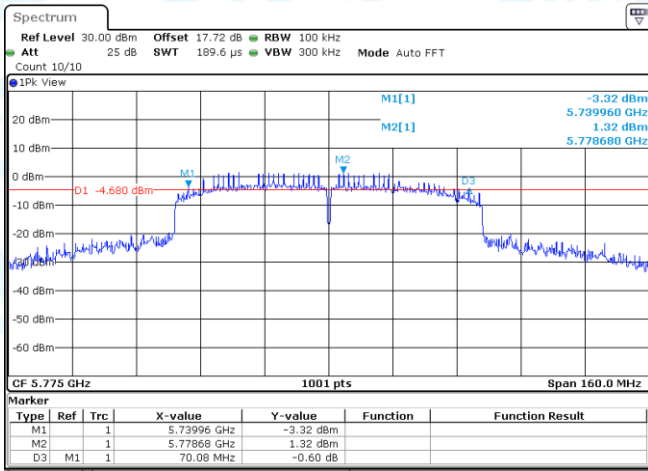
11AC40MIMO-Ant1-5755-PASS

11AC40MIMO-Ant2-5755-PASS



11AC40MIMO-Ant1-5795-PASS

11AC40MIMO-Ant2-5795-PASS



11AC80MIMO-Ant1-5775-PASS

11AC80MIMO-Ant2-5775-PASS

4: Duty Cycle

4.1 Test Result

TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factory	1/T [kHz]
11A	Ant1	5180	2.06	2.26	91.15	0.40	0.49
11A	Ant2	5180	2.06	2.27	90.75	0.42	0.49
11A	Ant1	5200	2.06	2.21	93.21	0.31	0.49
11A	Ant2	5200	2.07	2.25	92.00	0.36	0.48
11A	Ant1	5240	2.07	2.28	90.79	0.42	0.48
11A	Ant2	5240	2.06	2.38	86.55	0.63	0.49
11A	Ant1	5260	2.06	2.23	92.38	0.34	0.49
11A	Ant2	5260	2.07	2.25	92.00	0.36	0.48
11A	Ant1	5280	2.06	2.26	91.15	0.40	0.49
11A	Ant2	5280	2.06	2.28	90.35	0.44	0.49
11A	Ant1	5320	2.06	2.26	91.15	0.40	0.49
11A	Ant2	5320	2.07	2.30	90.00	0.46	0.48
11A	Ant1	5500	2.07	2.28	90.79	0.42	0.48
11A	Ant2	5500	2.06	2.20	93.64	0.29	0.49
11A	Ant1	5580	2.07	2.22	93.24	0.30	0.48
11A	Ant2	5580	2.07	2.21	93.67	0.28	0.48
11A	Ant1	5720	2.08	2.27	91.63	0.38	0.48
11A	Ant2	5720	2.08	2.27	91.63	0.38	0.48
11A	Ant1	5745	2.07	2.27	91.19	0.40	0.48
11A	Ant2	5745	2.07	2.25	92.00	0.36	0.48
11A	Ant1	5785	2.07	2.20	94.09	0.26	0.48
11A	Ant2	5785	2.06	2.18	94.50	0.25	0.49
11A	Ant1	5825	2.07	2.20	94.09	0.26	0.48
11A	Ant2	5825	2.06	2.19	94.06	0.27	0.49
11N20MIMO	Ant1	5180	1.92	2.09	91.87	0.37	0.52
11N20MIMO	Ant2	5180	1.92	2.12	90.57	0.43	0.52
11N20MIMO	Ant1	5200	1.92	2.13	90.14	0.45	0.52
11N20MIMO	Ant2	5200	1.92	2.13	90.14	0.45	0.52
11N20MIMO	Ant1	5240	1.92	2.12	90.57	0.43	0.52
11N20MIMO	Ant2	5240	1.92	2.05	93.66	0.28	0.52
11N20MIMO	Ant1	5260	1.92	2.11	91.00	0.41	0.52
11N20MIMO	Ant2	5260	1.92	2.10	91.43	0.39	0.52
11N20MIMO	Ant1	5280	1.92	2.12	90.57	0.43	0.52
11N20MIMO	Ant2	5280	1.92	2.12	90.57	0.43	0.52
11N20MIMO	Ant1	5320	1.92	2.16	88.89	0.51	0.52
11N20MIMO	Ant2	5320	1.92	2.03	94.58	0.24	0.52
11N20MIMO	Ant1	5500	1.92	2.10	91.43	0.39	0.52
11N20MIMO	Ant2	5500	1.92	2.04	94.12	0.26	0.52
11N20MIMO	Ant1	5580	1.92	2.14	89.72	0.47	0.52
11N20MIMO	Ant2	5580	1.92	2.10	91.43	0.39	0.52

11N20MIMO	Ant1	5720	1.92	2.06	93.20	0.31	0.52
11N20MIMO	Ant2	5720	1.92	2.11	91.00	0.41	0.52
11N20MIMO	Ant1	5745	1.92	2.08	92.31	0.35	0.52
11N20MIMO	Ant2	5745	1.92	2.10	91.43	0.39	0.52
11N20MIMO	Ant1	5785	1.92	2.04	94.12	0.26	0.52
11N20MIMO	Ant2	5785	1.92	2.09	91.87	0.37	0.52
11N20MIMO	Ant1	5825	1.92	2.14	89.72	0.47	0.52
11N20MIMO	Ant2	5825	1.92	2.05	93.66	0.28	0.52
11N40MIMO	Ant1	5190	0.94	1.17	80.34	0.95	1.06
11N40MIMO	Ant2	5190	0.95	1.08	87.96	0.56	1.05
11N40MIMO	Ant1	5230	0.95	1.13	84.07	0.75	1.05
11N40MIMO	Ant2	5230	0.95	1.15	82.61	0.83	1.05
11N40MIMO	Ant1	5270	0.94	1.17	80.34	0.95	1.06
11N40MIMO	Ant2	5270	0.94	1.16	81.03	0.91	1.06
11N40MIMO	Ant1	5310	0.95	1.05	90.48	0.43	1.05
11N40MIMO	Ant2	5310	0.94	1.11	84.68	0.72	1.06
11N40MIMO	Ant1	5510	0.94	1.11	84.68	0.72	1.06
11N40MIMO	Ant2	5510	0.95	1.09	87.16	0.60	1.05
11N40MIMO	Ant1	5550	0.95	1.11	85.59	0.68	1.05
11N40MIMO	Ant2	5550	0.95	1.12	84.82	0.72	1.05
11N40MIMO	Ant1	5710	0.95	1.18	80.51	0.94	1.05
11N40MIMO	Ant2	5710	0.94	1.16	81.03	0.91	1.06
11N40MIMO	Ant1	5755	0.95	1.15	82.61	0.83	1.05
11N40MIMO	Ant2	5755	0.94	1.16	81.03	0.91	1.06
11N40MIMO	Ant1	5795	0.95	1.12	84.82	0.72	1.05
11N40MIMO	Ant2	5795	0.95	1.16	81.90	0.87	1.05
11AC20MIMO	Ant1	5180	1.93	2.10	91.90	0.37	0.52
11AC20MIMO	Ant2	5180	1.93	2.13	90.61	0.43	0.52
11AC20MIMO	Ant1	5200	1.92	2.09	91.87	0.37	0.52
11AC20MIMO	Ant2	5200	1.93	2.16	89.35	0.49	0.52
11AC20MIMO	Ant1	5240	1.93	2.09	92.34	0.35	0.52
11AC20MIMO	Ant2	5240	1.94	2.14	90.65	0.43	0.52
11AC20MIMO	Ant1	5260	1.94	2.12	91.51	0.39	0.52
11AC20MIMO	Ant2	5260	1.94	2.14	90.65	0.43	0.52
11AC20MIMO	Ant1	5280	1.93	2.16	89.35	0.49	0.52
11AC20MIMO	Ant2	5280	1.93	2.15	89.77	0.47	0.52
11AC20MIMO	Ant1	5320	1.94	2.10	92.38	0.34	0.52
11AC20MIMO	Ant2	5320	1.93	2.08	92.79	0.32	0.52
11AC20MIMO	Ant1	5500	1.93	2.13	90.61	0.43	0.52
11AC20MIMO	Ant2	5500	1.93	2.18	88.53	0.53	0.52
11AC20MIMO	Ant1	5580	1.93	2.11	91.47	0.39	0.52
11AC20MIMO	Ant2	5580	1.93	2.13	90.61	0.43	0.52
11AC20MIMO	Ant1	5720	1.94	2.06	94.17	0.26	0.52
11AC20MIMO	Ant2	5720	1.94	2.17	89.40	0.49	0.52
11AC20MIMO	Ant1	5745	1.93	2.16	89.35	0.49	0.52

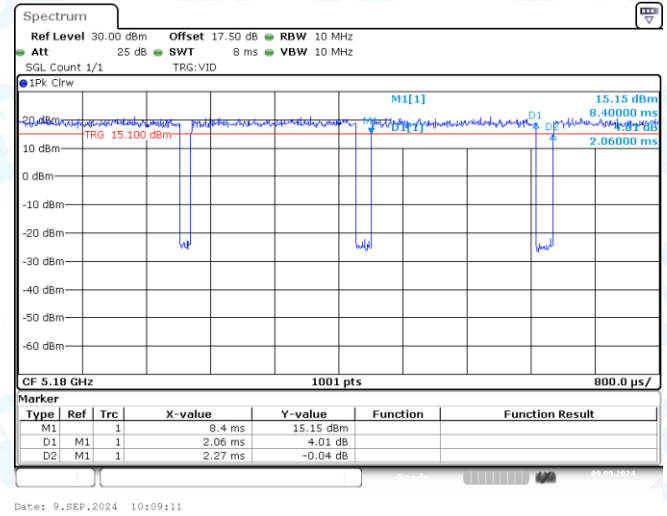
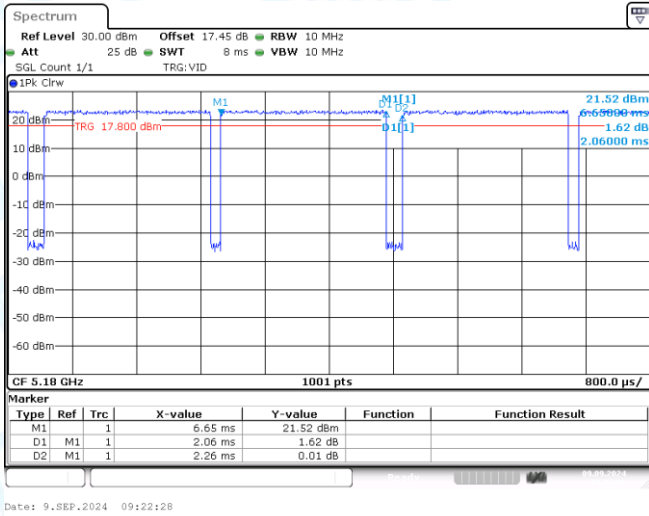
11AC20MIMO	Ant2	5745	1.93	2.13	90.61	0.43	0.52
11AC20MIMO	Ant1	5785	1.93	2.14	90.19	0.45	0.52
11AC20MIMO	Ant2	5785	1.93	2.05	94.15	0.26	0.52
11AC20MIMO	Ant1	5825	1.93	2.19	88.13	0.55	0.52
11AC20MIMO	Ant2	5825	1.94	2.11	91.94	0.36	0.52
11AC40MIMO	Ant1	5190	0.95	1.14	83.33	0.79	1.05
11AC40MIMO	Ant2	5190	0.95	1.21	78.51	1.05	1.05
11AC40MIMO	Ant1	5230	0.96	1.21	79.34	1.01	1.04
11AC40MIMO	Ant2	5230	0.95	1.20	79.17	1.01	1.05
11AC40MIMO	Ant1	5270	0.96	1.18	81.36	0.90	1.04
11AC40MIMO	Ant2	5270	0.96	1.16	82.76	0.82	1.04
11AC40MIMO	Ant1	5310	0.95	1.19	79.83	0.98	1.05
11AC40MIMO	Ant2	5310	0.96	1.21	79.34	1.01	1.04
11AC40MIMO	Ant1	5510	0.95	1.21	78.51	1.05	1.05
11AC40MIMO	Ant2	5510	0.96	1.16	82.76	0.82	1.04
11AC40MIMO	Ant1	5550	0.95	1.19	79.83	0.98	1.05
11AC40MIMO	Ant2	5550	0.96	1.20	80.00	0.97	1.04
11AC40MIMO	Ant1	5710	0.95	1.15	82.61	0.83	1.05
11AC40MIMO	Ant2	5710	0.96	1.16	82.76	0.82	1.04
11AC40MIMO	Ant1	5755	0.96	1.13	84.96	0.71	1.04
11AC40MIMO	Ant2	5755	0.96	1.15	83.48	0.78	1.04
11AC40MIMO	Ant1	5795	0.95	1.08	87.96	0.56	1.05
11AC40MIMO	Ant2	5795	0.95	1.18	80.51	0.94	1.05
11AC80MIMO	Ant1	5210	0.46	0.68	67.65	1.70	2.17
11AC80MIMO	Ant2	5210	0.46	0.70	65.71	1.82	2.17
11AC80MIMO	Ant1	5290	0.46	0.72	63.89	1.95	2.17
11AC80MIMO	Ant2	5290	0.46	0.66	69.70	1.57	2.17
11AC80MIMO	Ant1	5530	0.46	0.71	64.79	1.88	2.17
11AC80MIMO	Ant2	5530	0.46	0.70	65.71	1.82	2.17
11AC80MIMO	Ant1	5610	0.46	0.63	73.02	1.37	2.17
11AC80MIMO	Ant2	5610	0.46	0.71	64.79	1.88	2.17
11AC80MIMO	Ant1	5690	0.45	0.69	65.22	1.86	2.22
11AC80MIMO	Ant2	5690	0.45	0.71	63.38	1.98	2.22
11AC80MIMO	Ant1	5775	0.46	0.72	63.89	1.95	2.17
11AC80MIMO	Ant2	5775	0.46	0.69	66.67	1.76	2.17

Note: 1, Duty Cycle= Transmission Duration/ Transmission Period

2, DC Factory=10*Log₁₀(1/Duty Cycle)

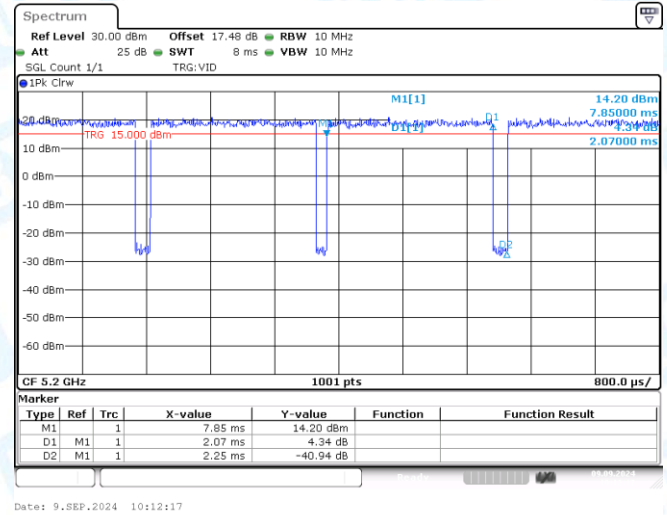
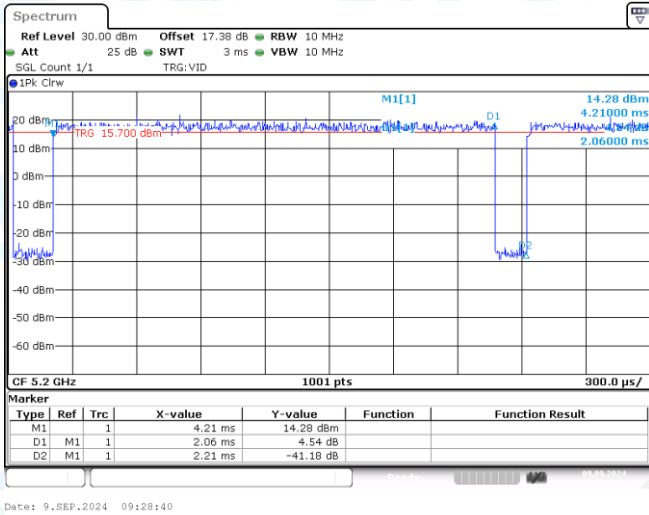
3, 1/T=1/ Transmission Duration

4.2 Test Graphs



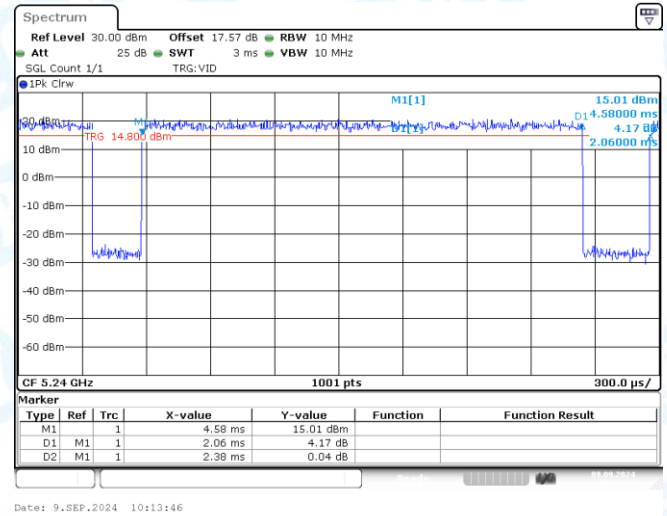
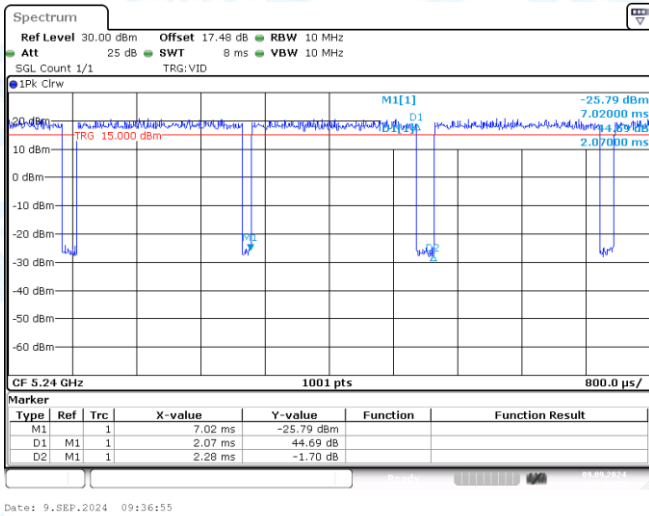
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NTNV-11A-Ant2-5180



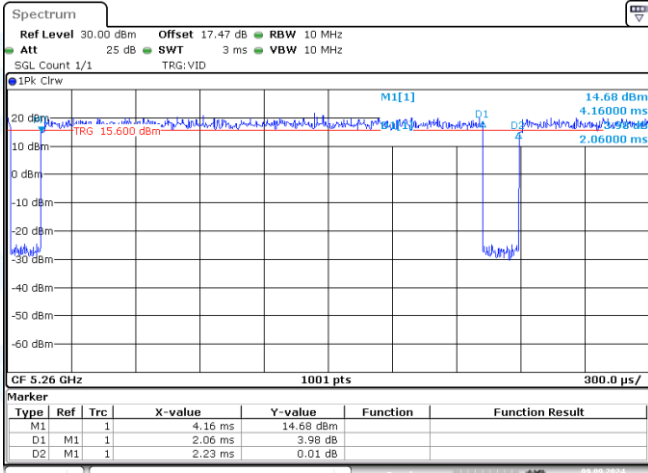
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NTNV-11A-Ant2-5200



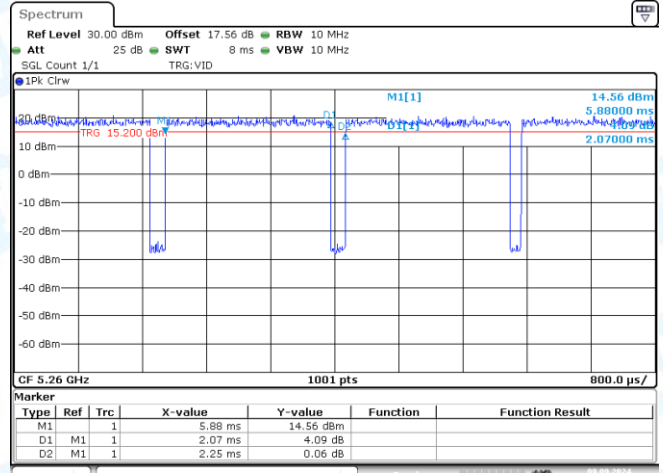
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NTNV-11A-Ant2-5240



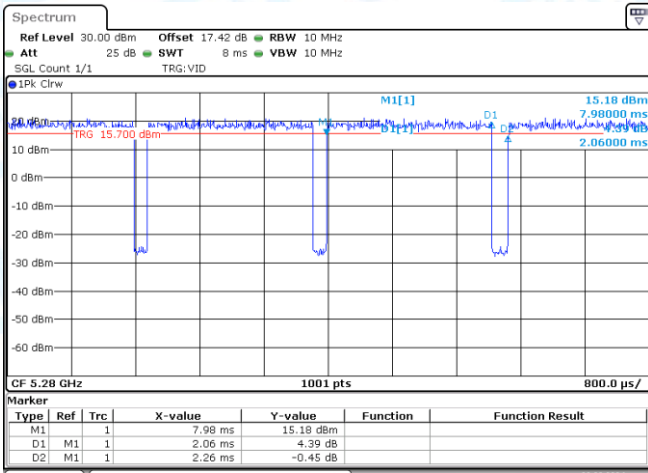
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NTNV-11A-Ant1-5260



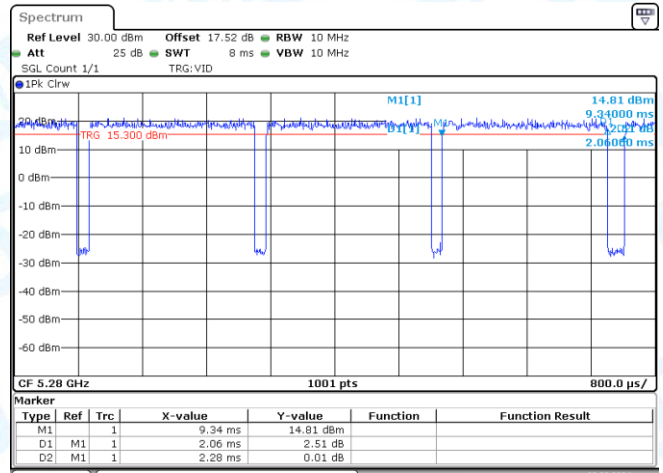
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NTNV-11A-Ant2-5260



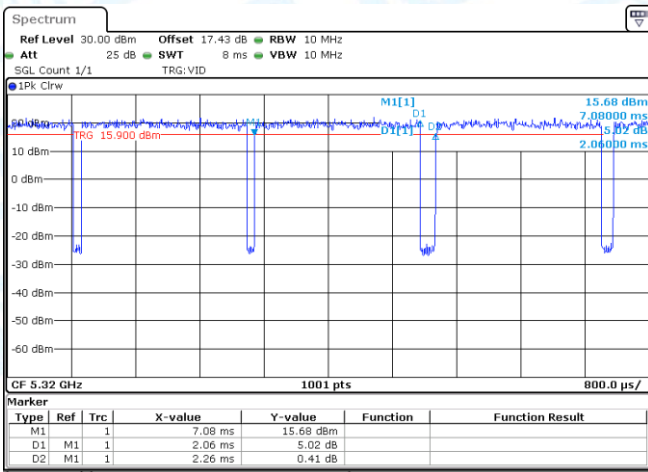
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NTNV-11A-Ant1-5280



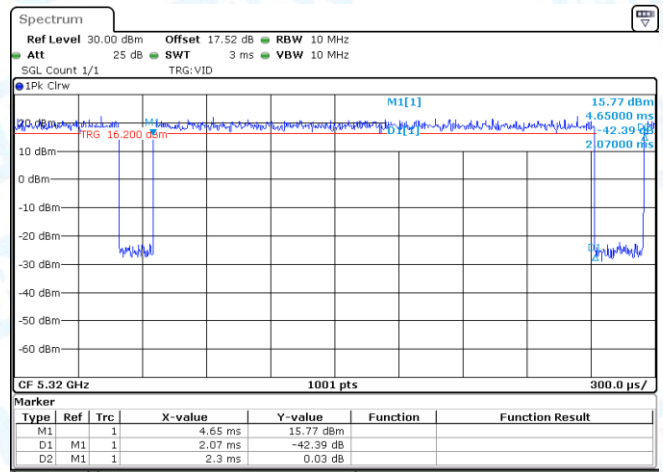
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NTNV-11A-Ant2-5280



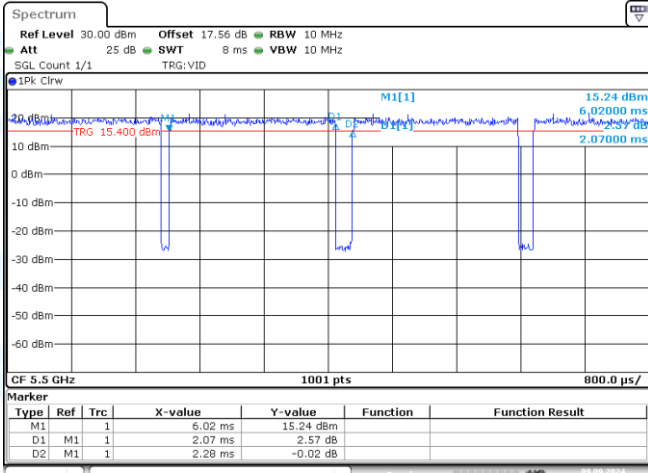
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NTNV-11A-Ant1-5320



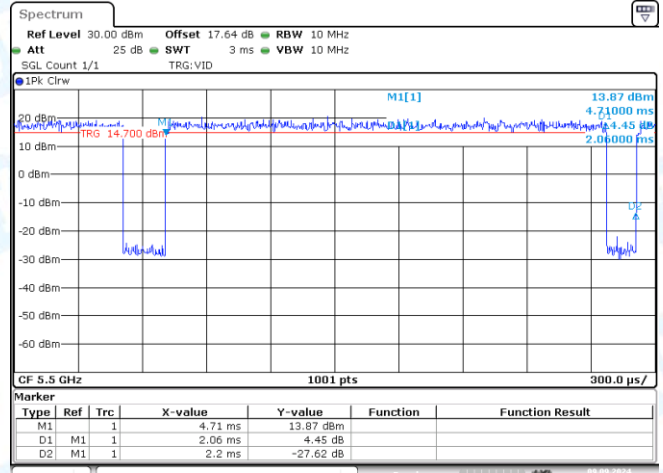
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NTNV-11A-Ant2-5320



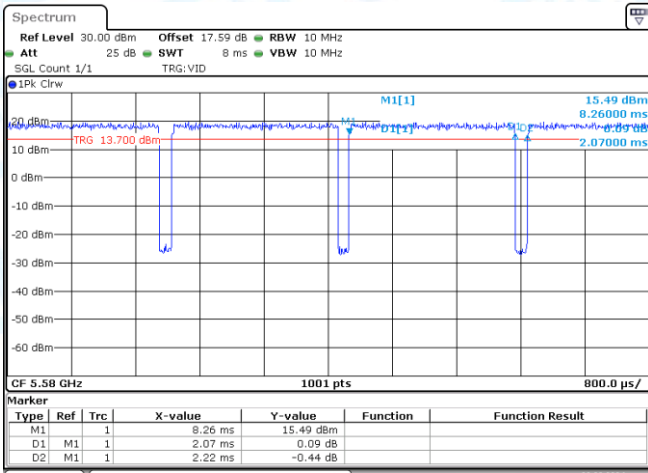
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NTNV-11A-Ant1-5500



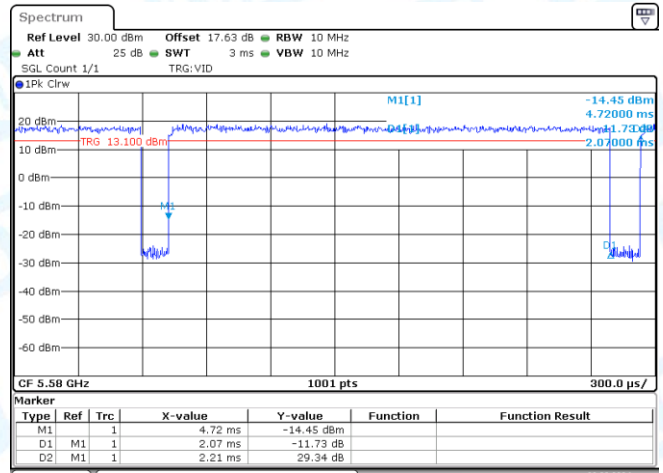
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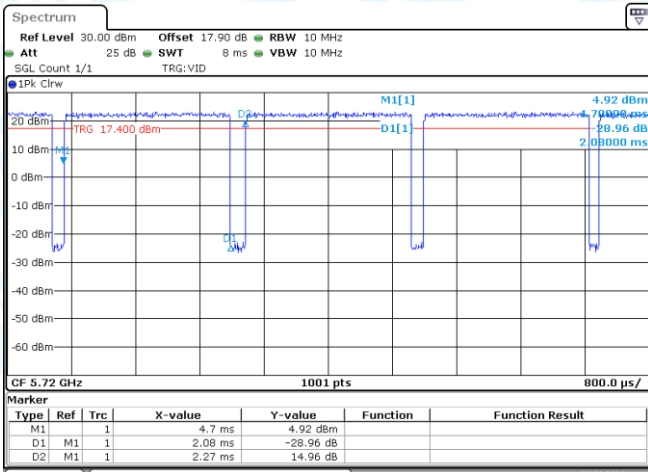
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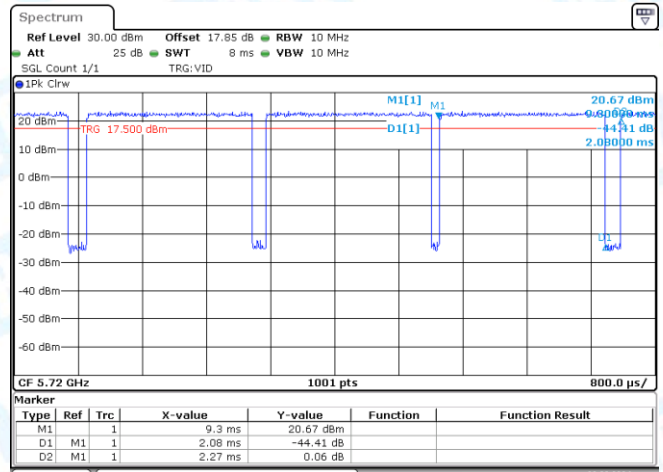
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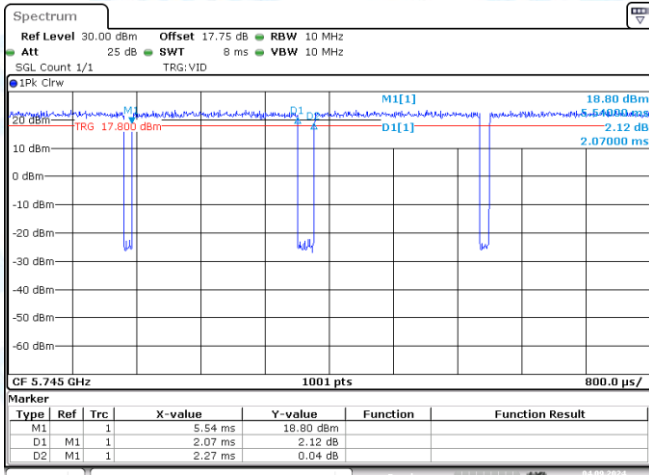
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NTNV-11A-Ant1-5720

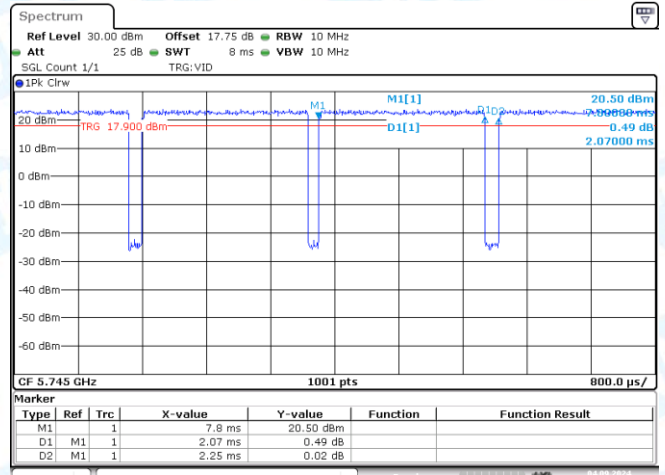


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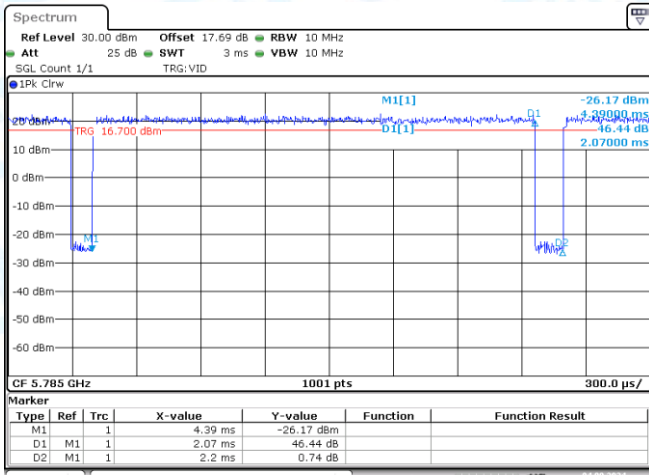
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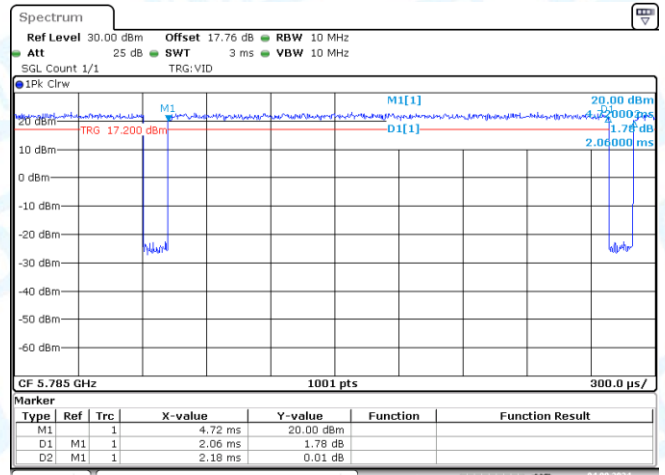
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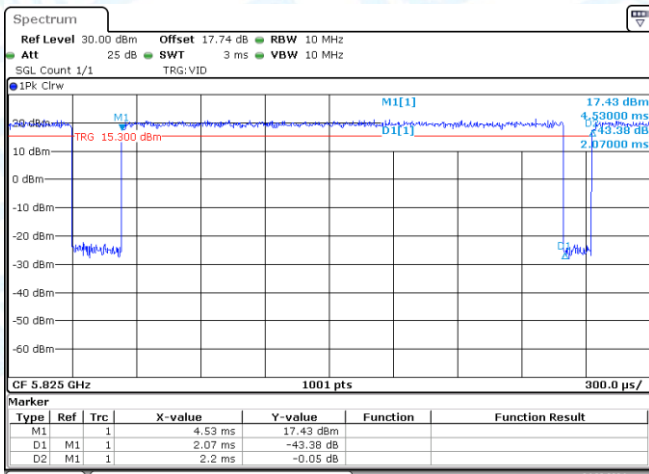
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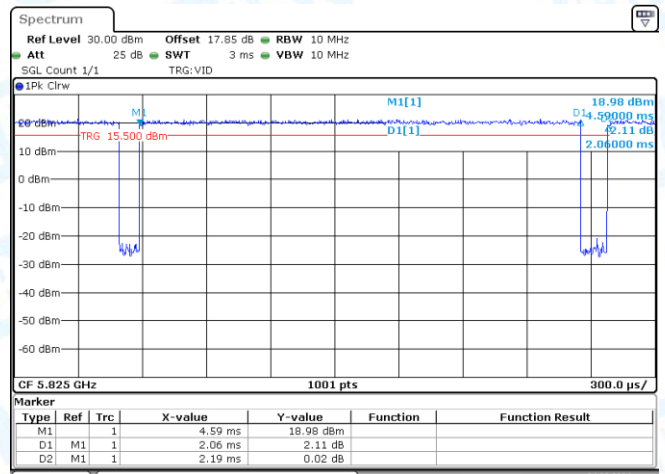
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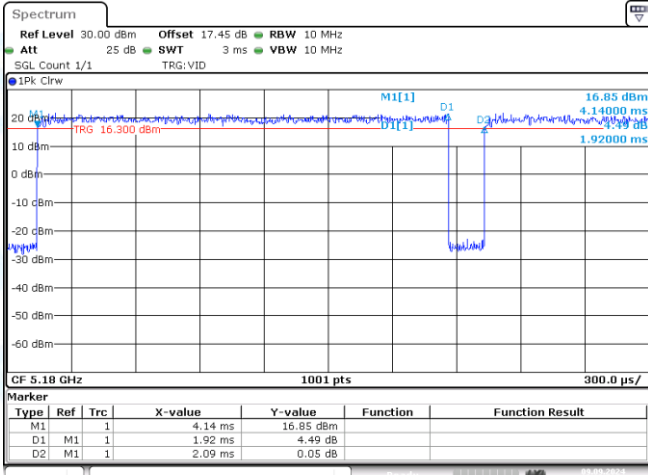
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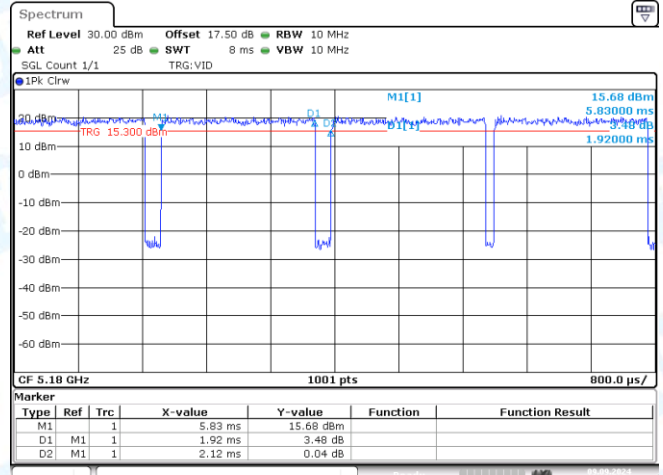


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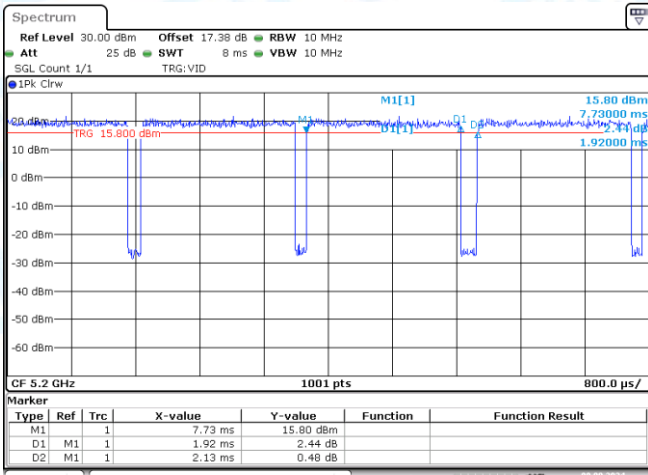
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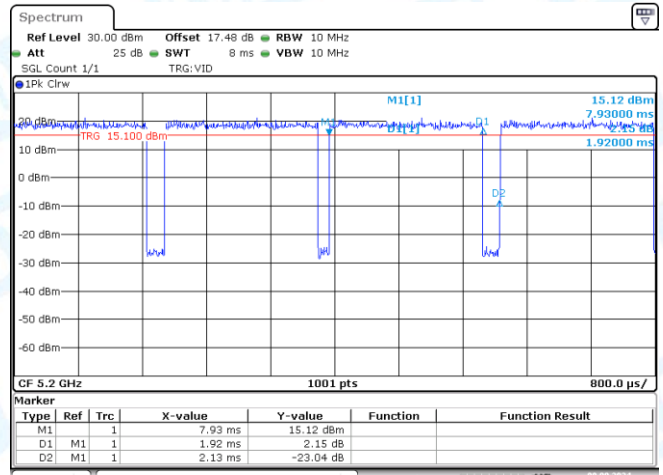
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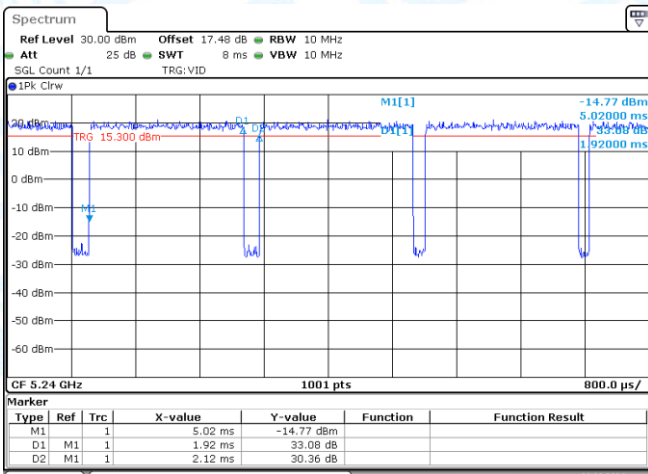
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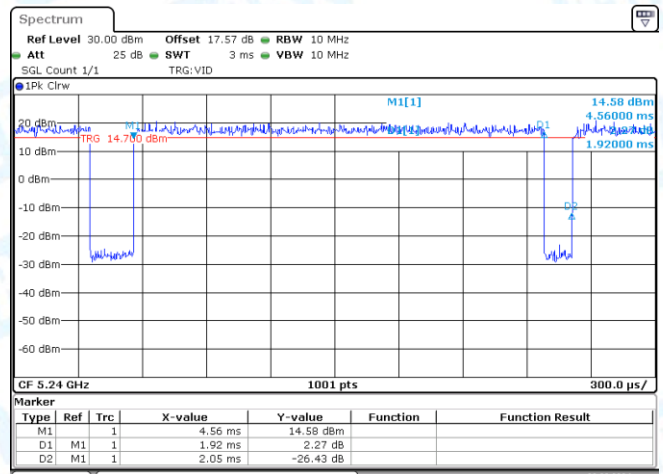
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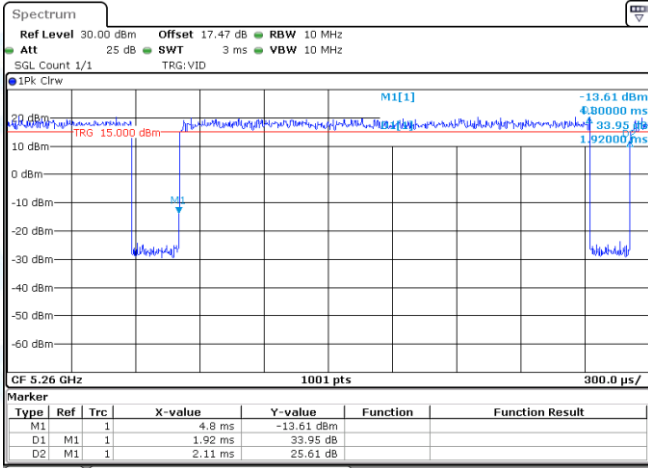
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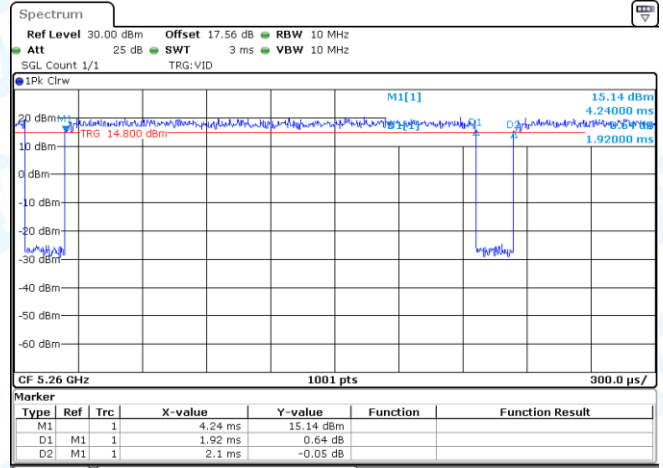
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NTNV-11N20MIMO-Ant2-5240



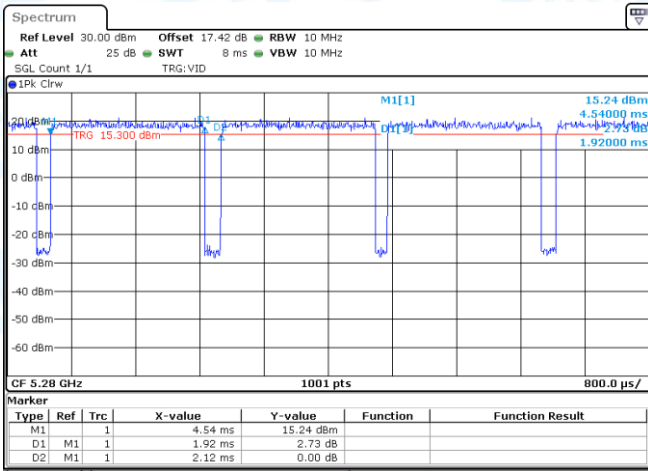
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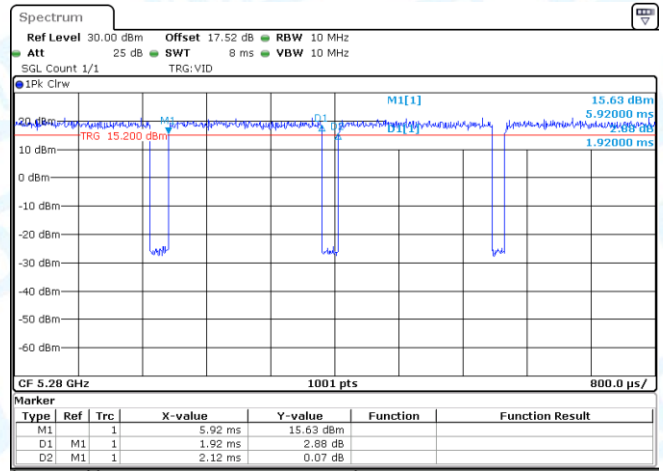
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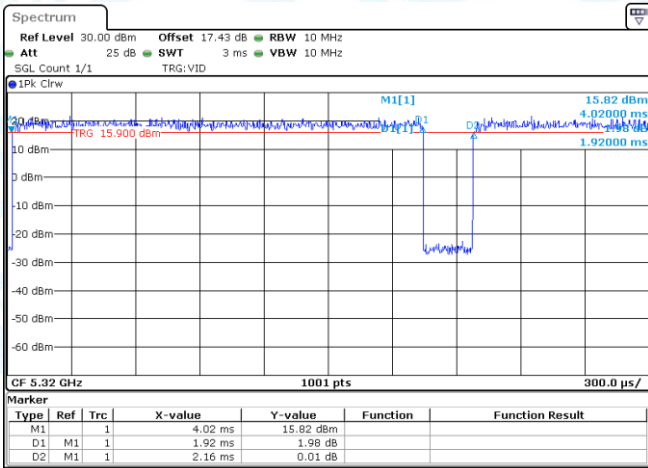
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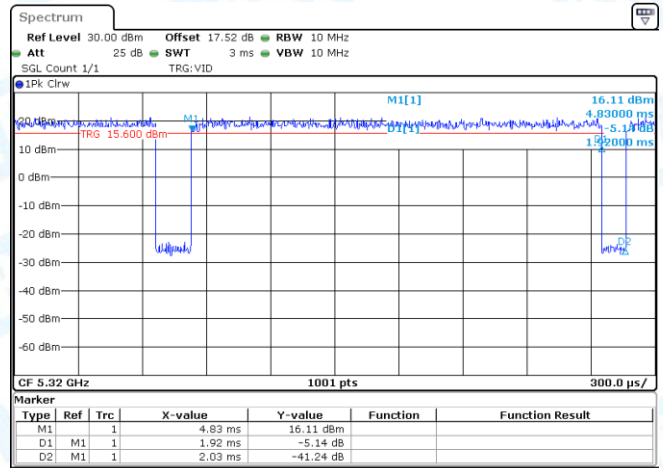
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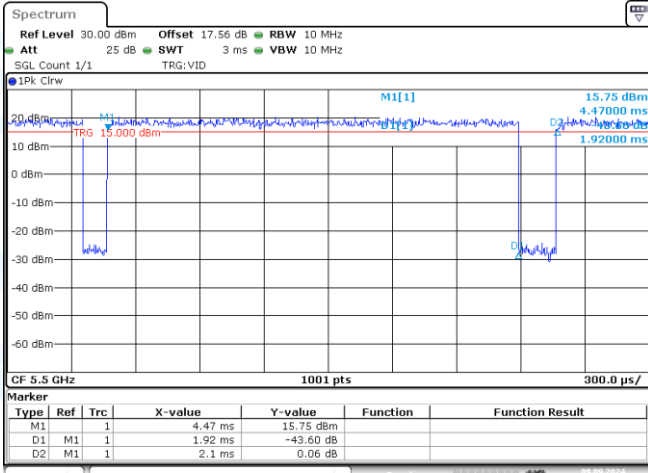
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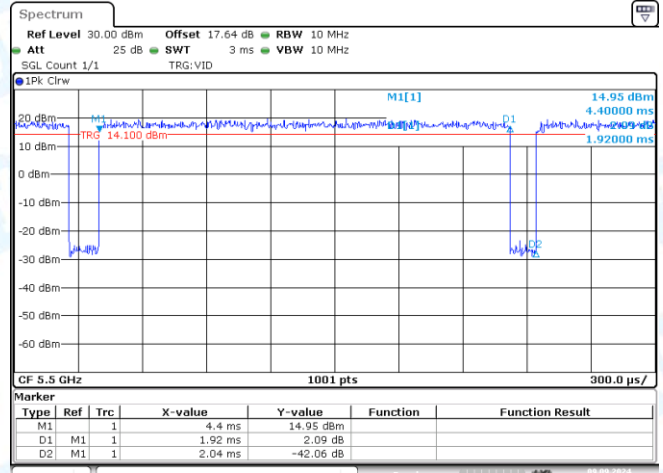
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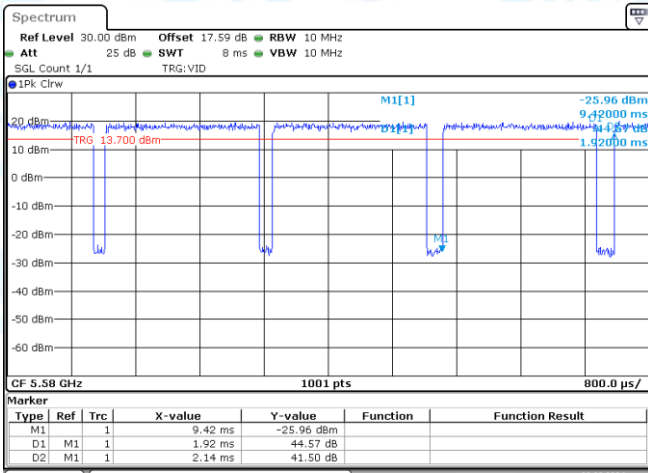
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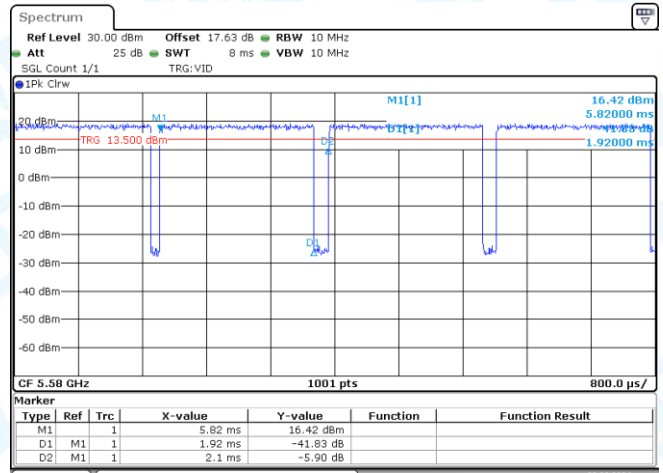
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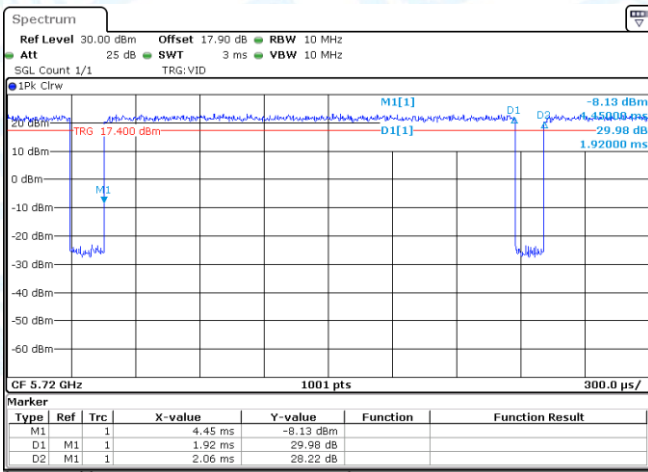
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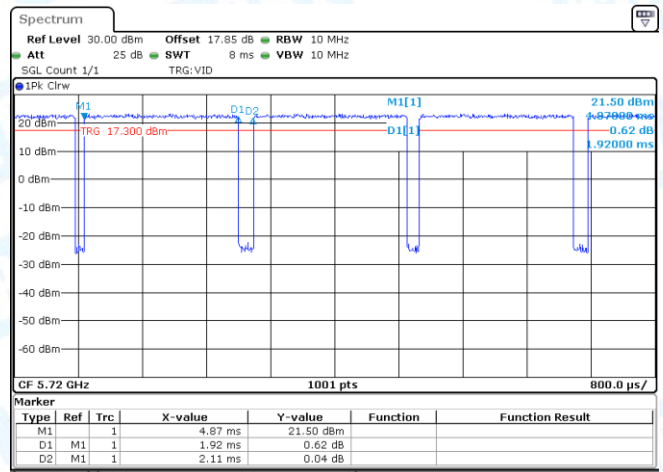
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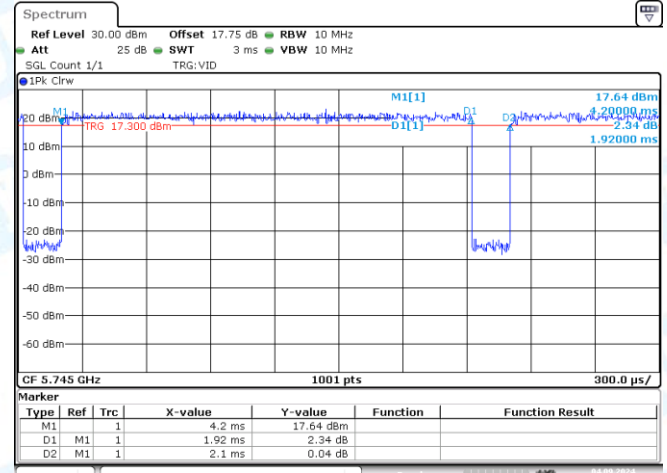
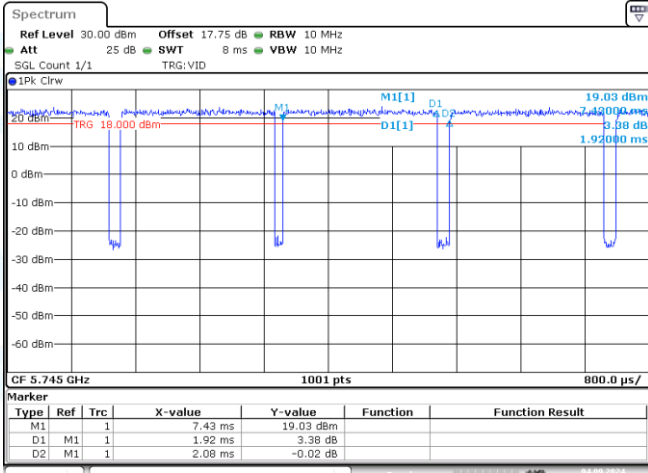
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NTNV-11N20MIMO-Ant1-5720



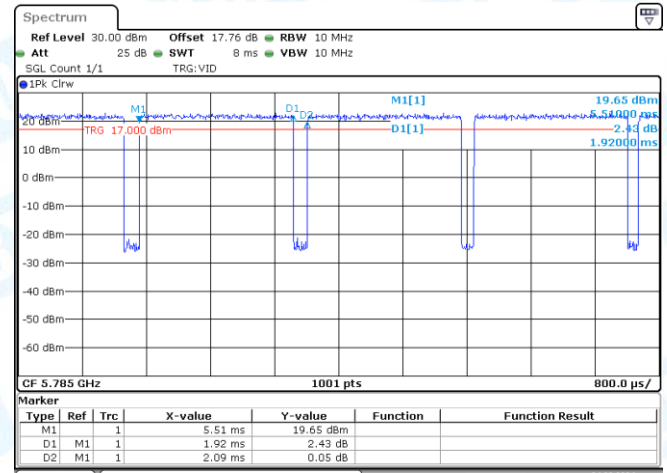
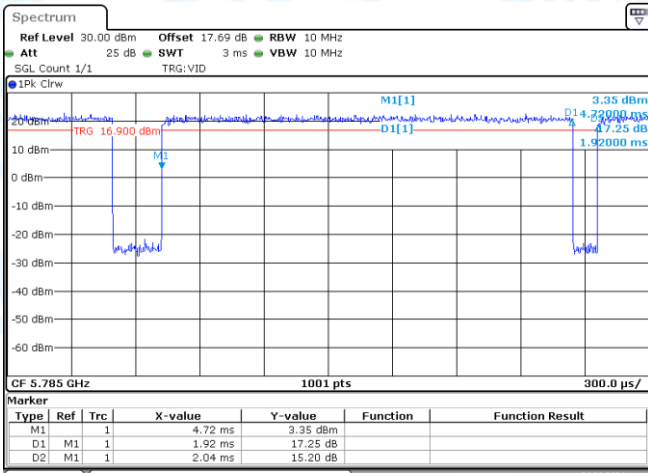
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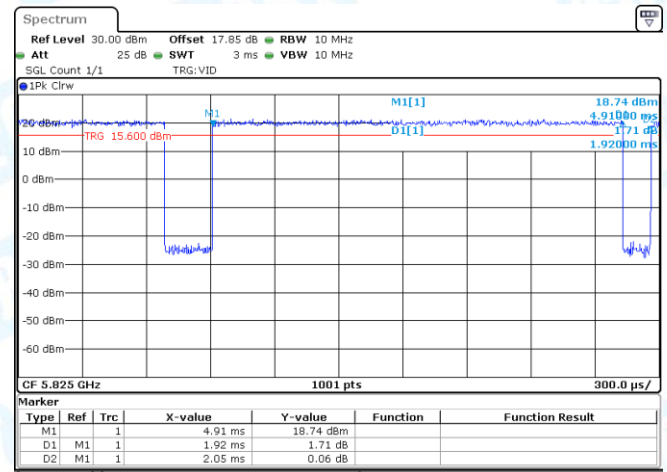
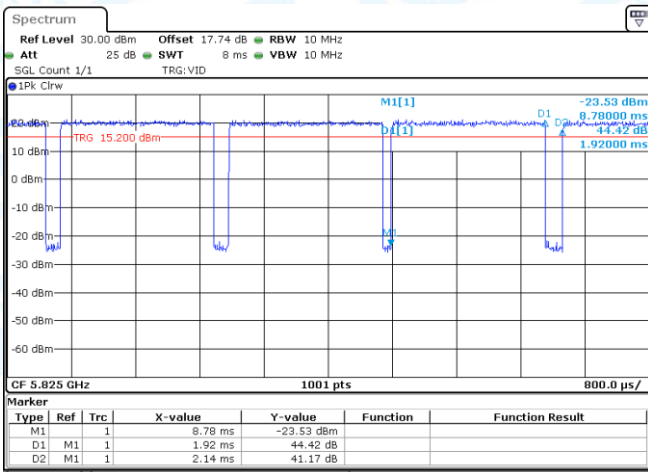
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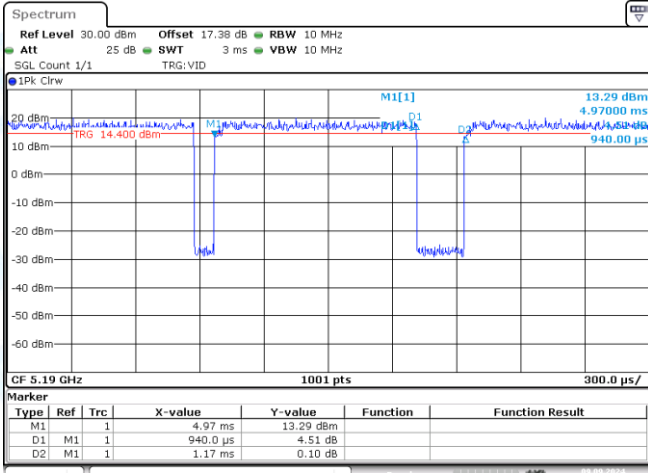
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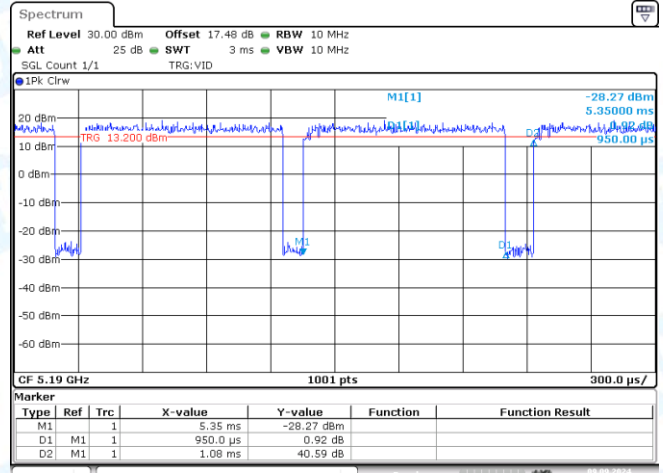
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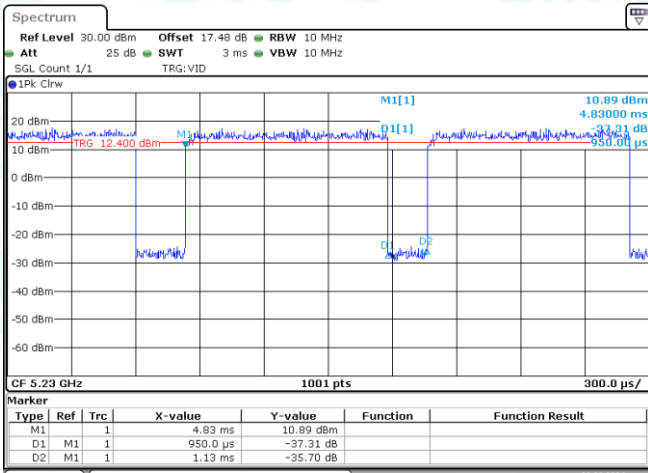
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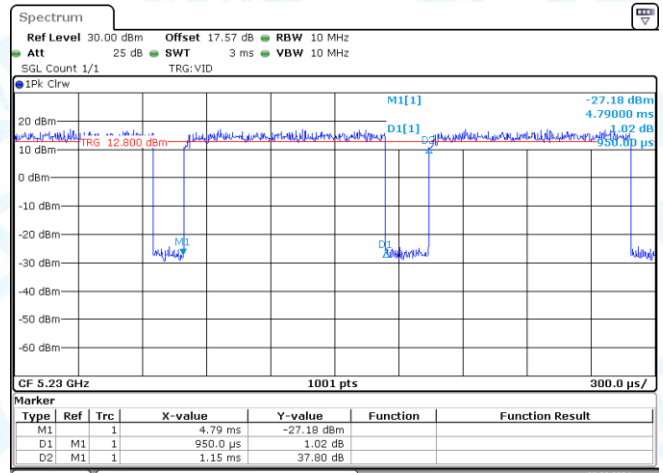
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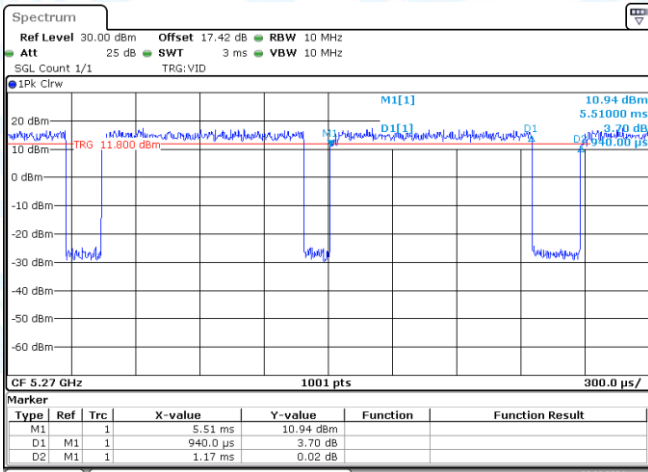
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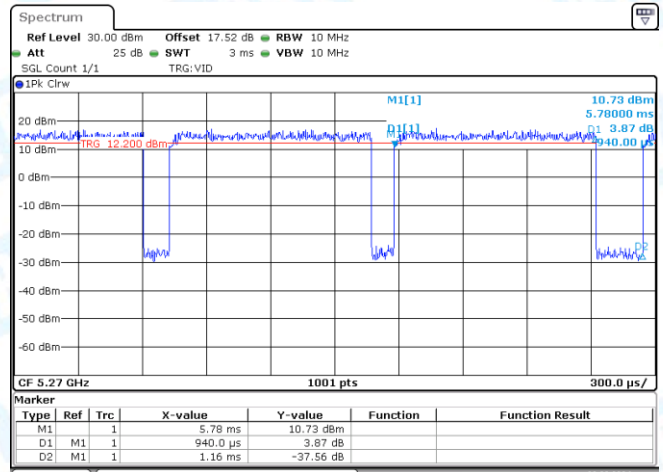
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NTNV-11N40MIMO-Ant2-5230



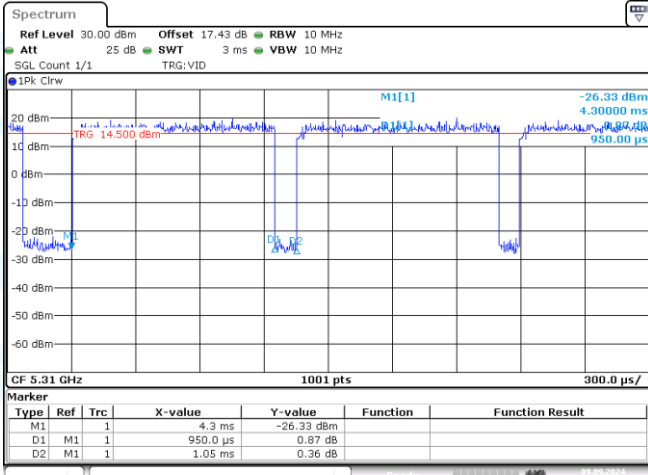
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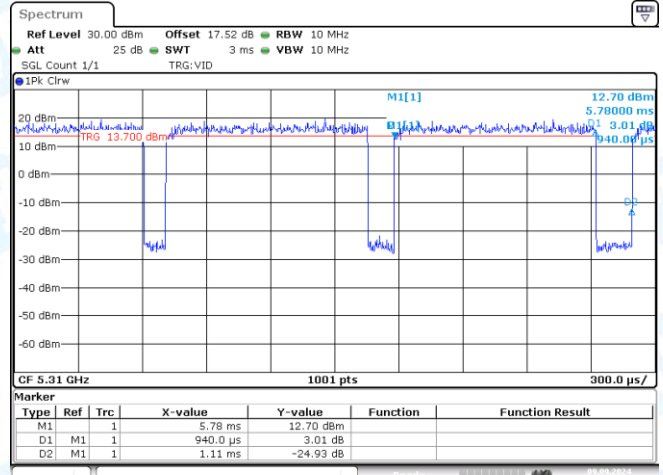
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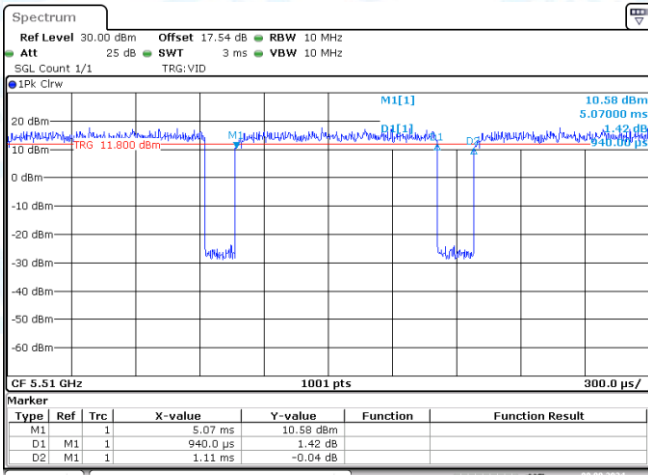
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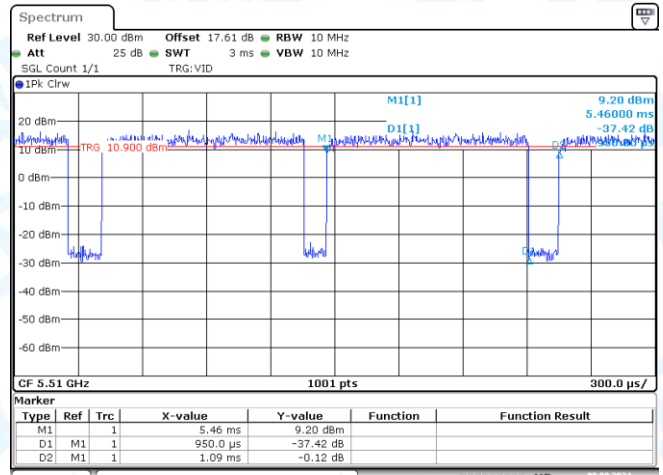
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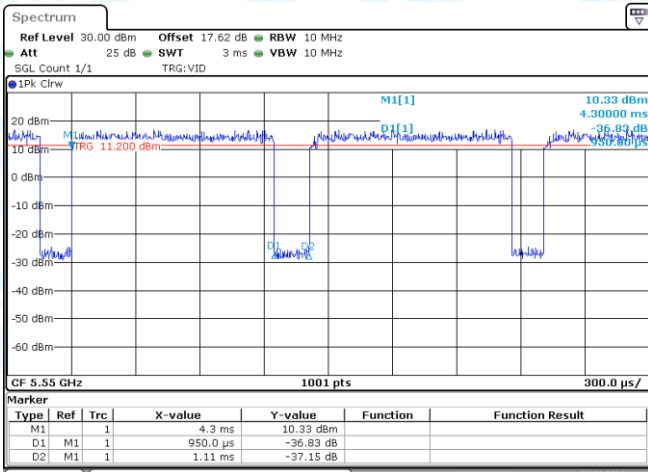
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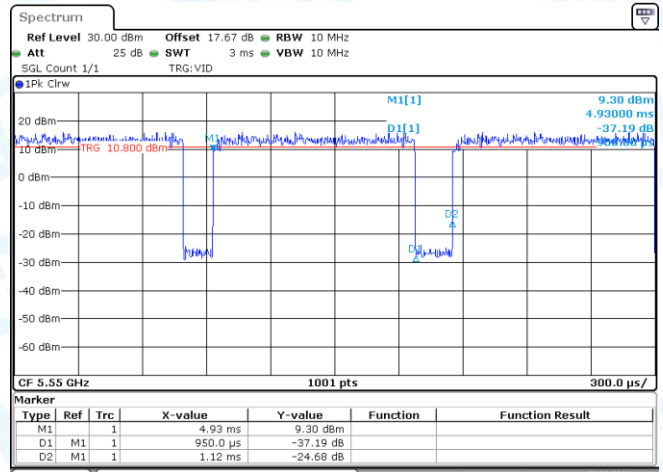
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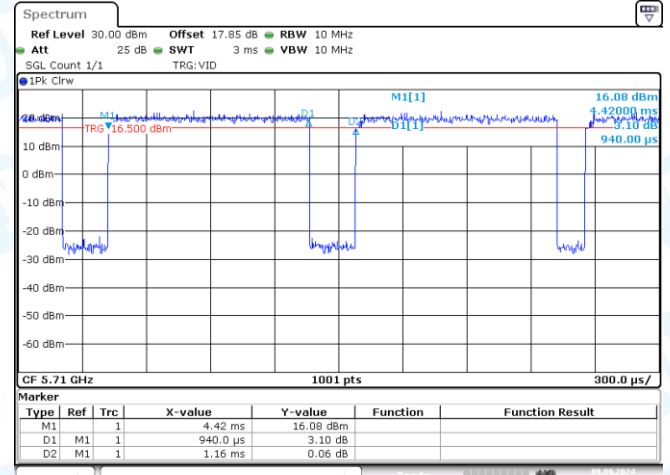
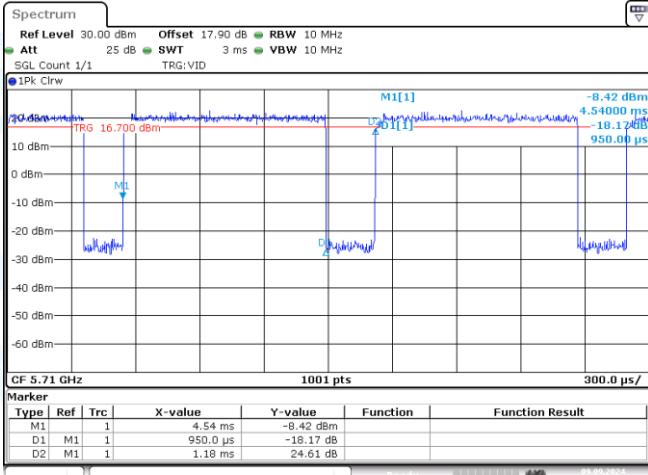
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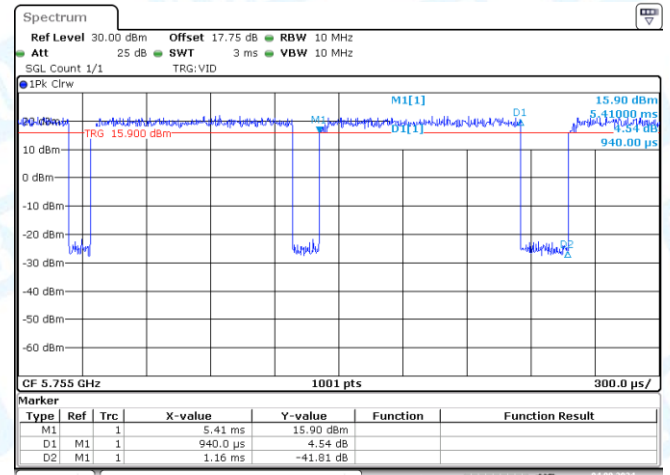
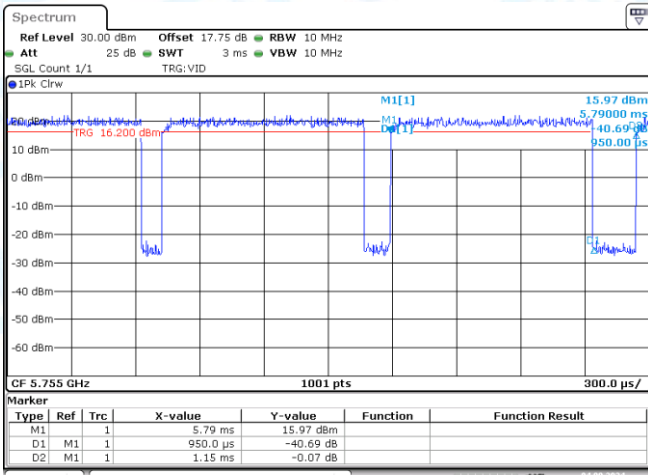
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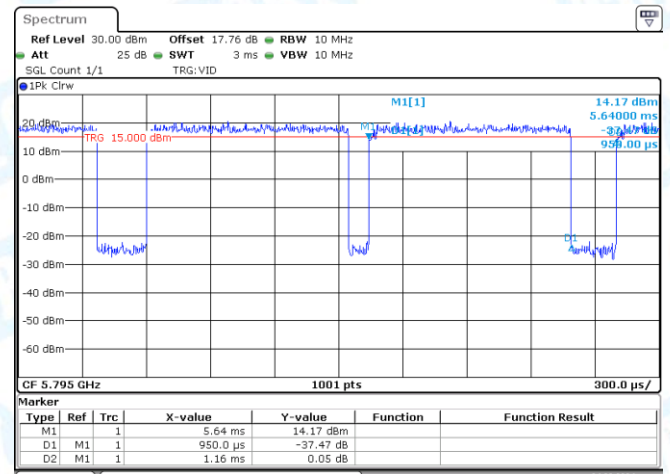
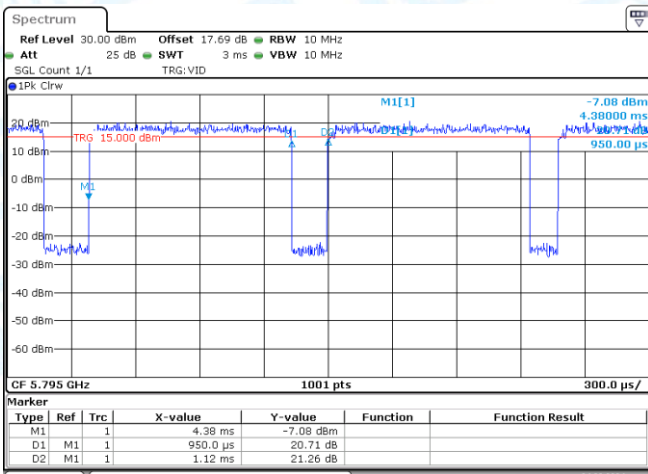
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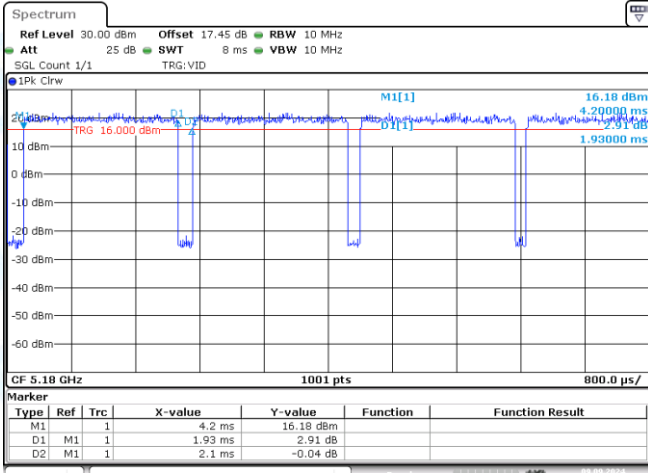
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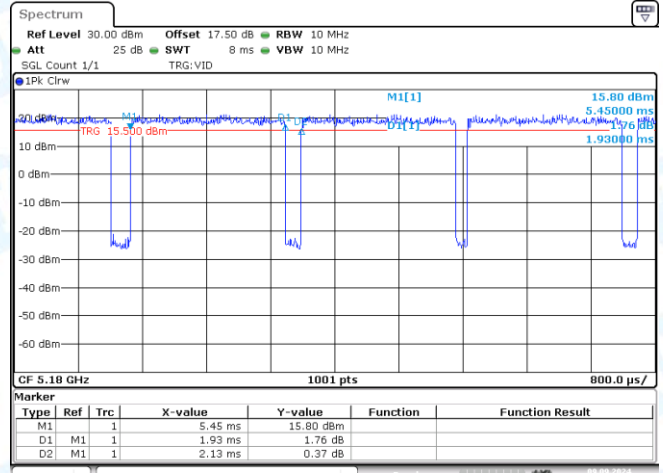
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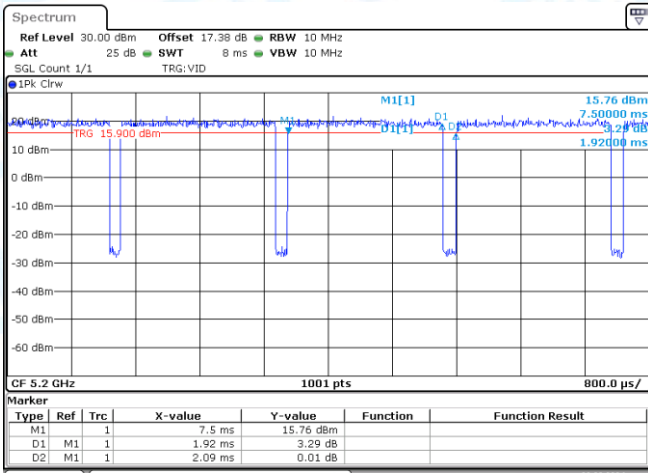
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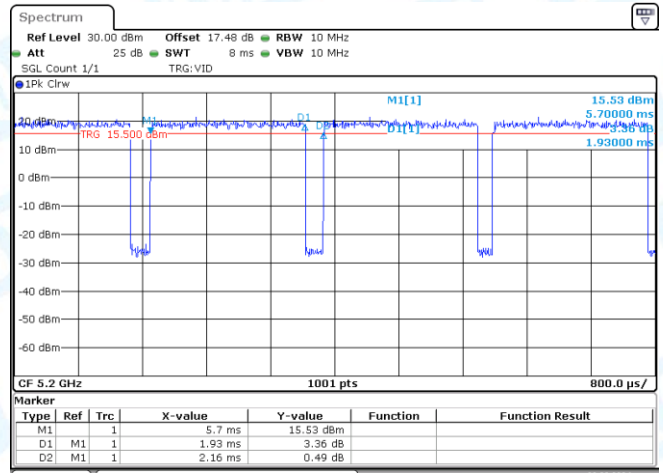
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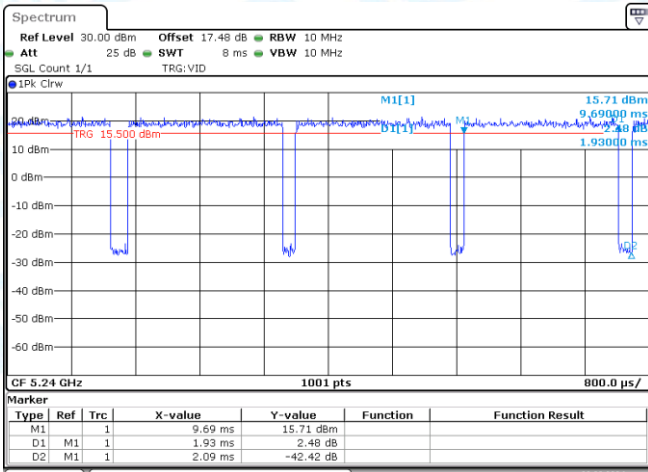
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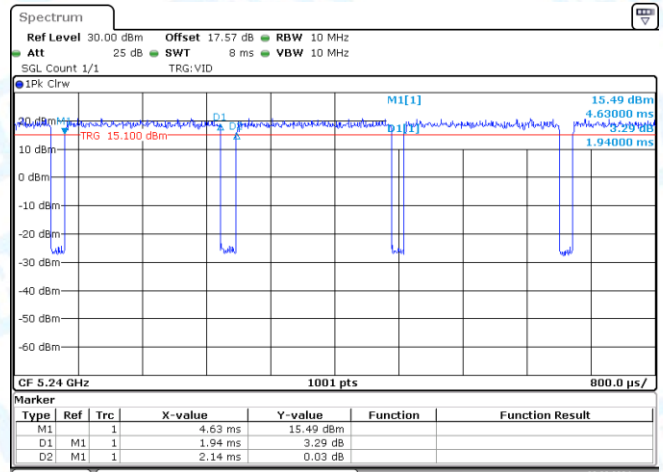
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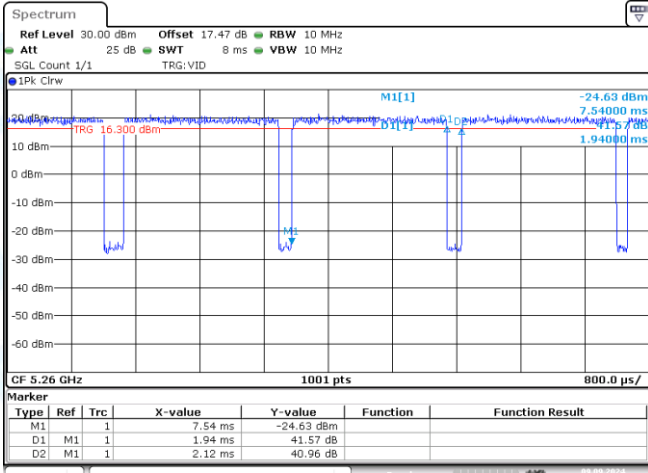
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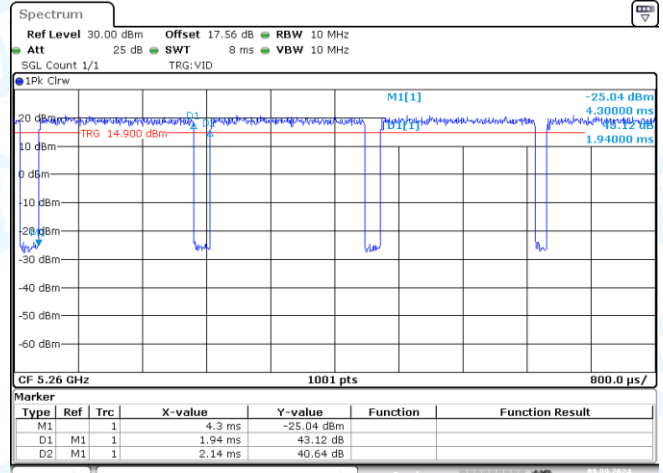
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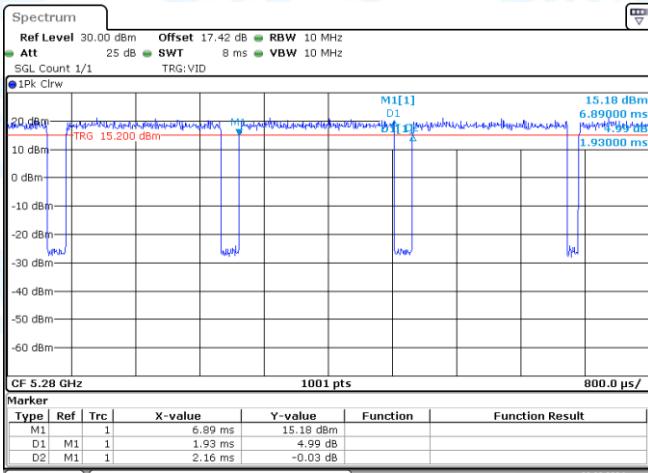
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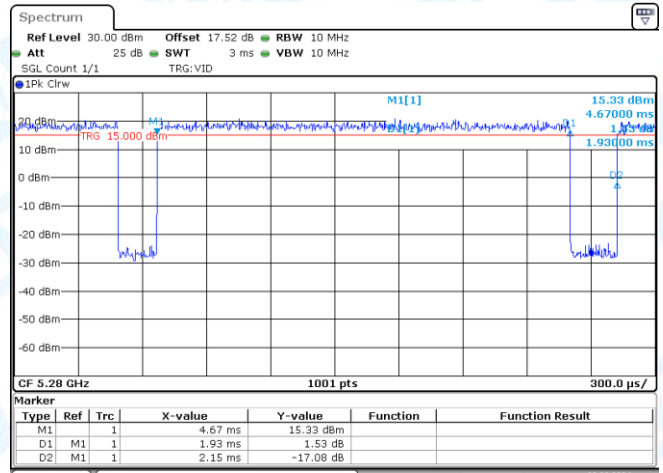
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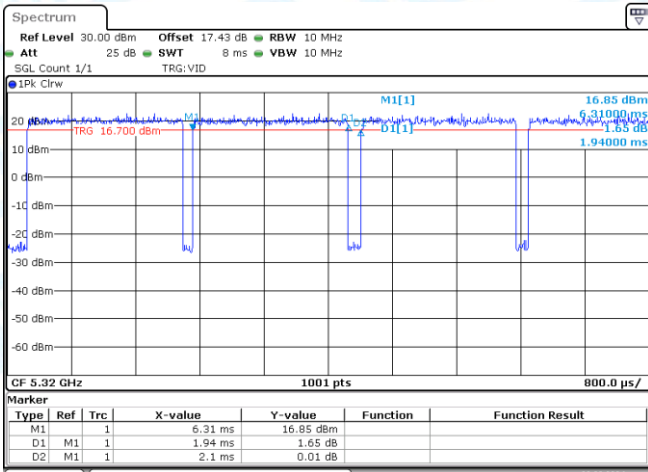
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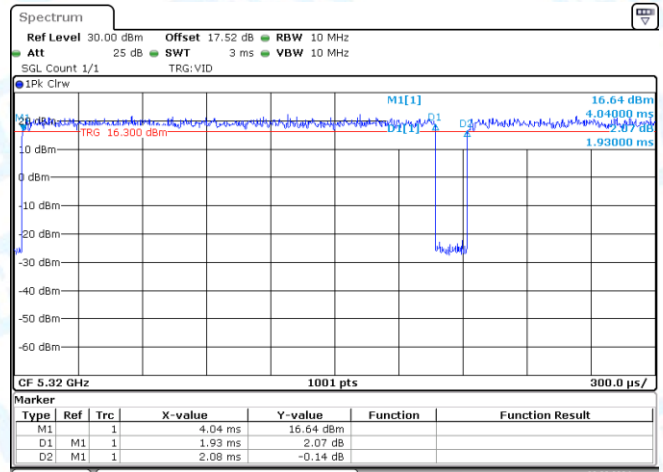
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NTNV-11AC20MIMO-Ant2-5280



Date: 9.SEP.2024 20:08:57

NTNV-11AC20MIMO-Ant1-5320



Date: 9.SEP.2024 20:09:23

NTNV-11AC20MIMO-Ant2-5320