11AC80MIMO	Ant1	5210	1.15	1.16	99.14	0.04	0.87
11AC80MIMO	Ant2	5210	1.15	1.17	98.29	0.07	0.87
11AC80MIMO	Ant1	5290	1.15	2.32	49.57	3.05	0.87
11AC80MIMO	Ant2	5290	1.14	1.16	98.28	0.08	0.88
11AC80MIMO	Ant1	5530	1.15	1.17	98.29	0.07	0.87
11AC80MIMO	Ant2	5530	1.14	1.52	75.00	1.25	0.88
11AC80MIMO	Ant1	5775	1.15	1.17	98.29	0.07	0.87
11AC80MIMO	Ant2	5775	1.14	1.16	98.28	0.08	0.88
11AX20MIMO	Ant1	5180	0.10	0.20	50.00	3.01	10.00
11AX20MIMO	Ant2	5180	0.09	0.19	47.37	3.24	11.11
11AX20MIMO	Ant1	5260	0.10	0.20	50.00	3.01	10.00
11AX20MIMO	Ant2	5260	0.09	0.19	47.37	3.24	11.11
11AX20MIMO	Ant1	5500	0.09	0.19	47.37	3.24	11.11
11AX20MIMO	Ant2	5500	0.10	0.20	50.00	3.01	10.00
11AX20MIMO	Ant1	5745	0.10	0.20	50.00	3.01	10.00
11AX20MIMO	Ant2	5745	0.10	0.20	50.00	3.01	10.00
11AX40MIMO	Ant1	5190	0.09	0.19	47.37	3.24	11.11
11AX40MIMO	Ant2	5190	0.09	0.19	47.37	3.24	11.11
11AX40MIMO	Ant1	5270	0.09	0.19	47.37	3.24	11.11
11AX40MIMO	Ant2	5270	0.09	0.19	47.37	3.24	11.11
11AX40MIMO	Ant1	5510	0.09	0.19	47.37	3.24	11.11
11AX40MIMO	Ant2	5510	0.09	0.19	47.37	3.24	11.11
11AX40MIMO	Ant1	5755	0.31	0.41	75.61	1.21	3.23
11AX40MIMO	Ant2	5755	0.31	0.41	75.61	1.21	3.23
11AX80MIMO	Ant1	5210	0.08	0.17	47.06	3.27	12.50
11AX80MIMO	Ant2	5210	0.08	0.18	44.44	3.52	12.50
11AX80MIMO	Ant1	5290	0.08	0.18	44.44	3.52	12.50
11AX80MIMO	Ant2	5290	0.07	0.18	38.89	4.10	14.29
11AX80MIMO	Ant1	5530	0.08	0.17	47.06	3.27	12.50
11AX80MIMO	Ant2	5530	0.08	0.18	44.44	3.52	12.50
11AX80MIMO	Ant1	5775	0.19	0.29	65.52	1.84	5.26
11AX80MIMO	Ant2	5775	0.19	0.29	65.52	1.84	5.26

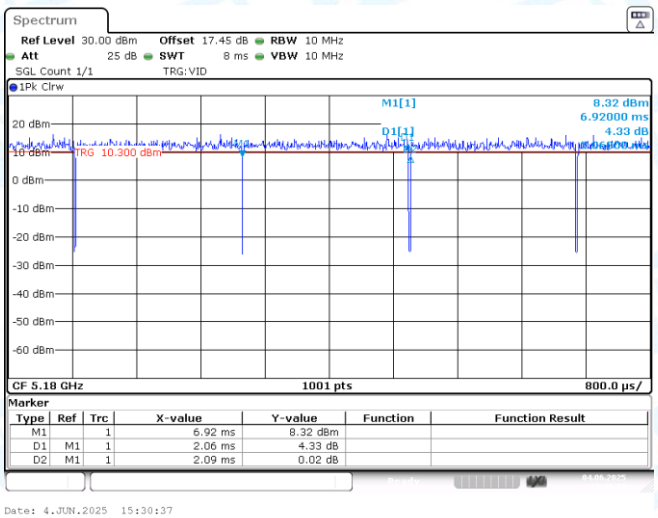
Note: 1, Duty Cycle= Transmission Duration/ Transmission Period

2, DC Factory=$10*\mathrm{Log}_{10}(1/\text{Duty Cycle})$

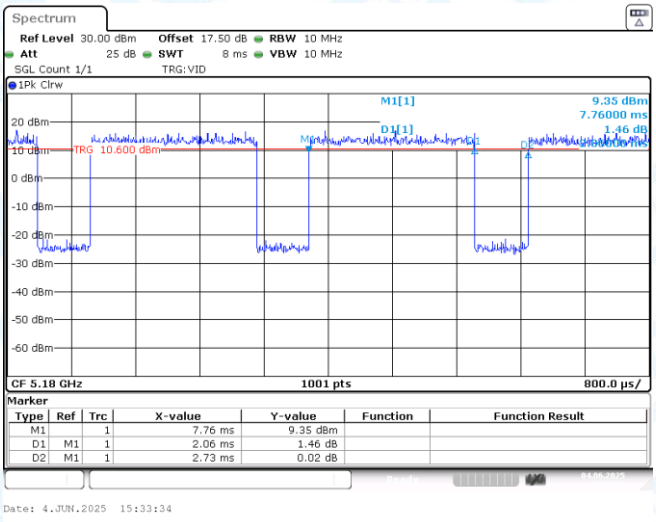
3, 1/T=1/ Transmission Duration

4, RF Conducted test Offset= cable loss+ Attenuator(10dB).

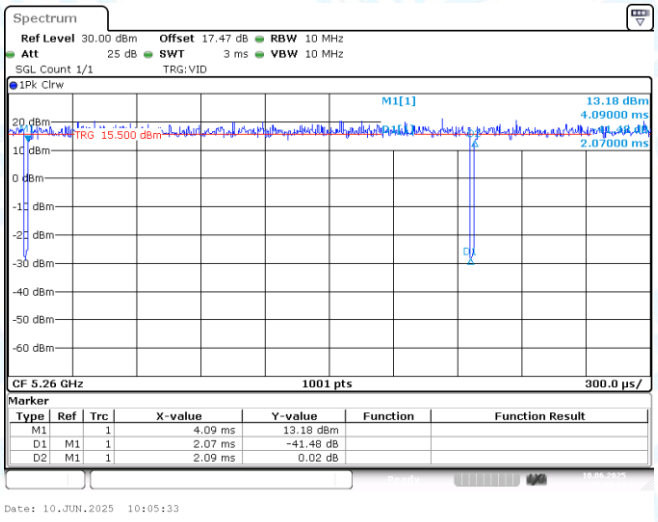
4.2 Test Graphs



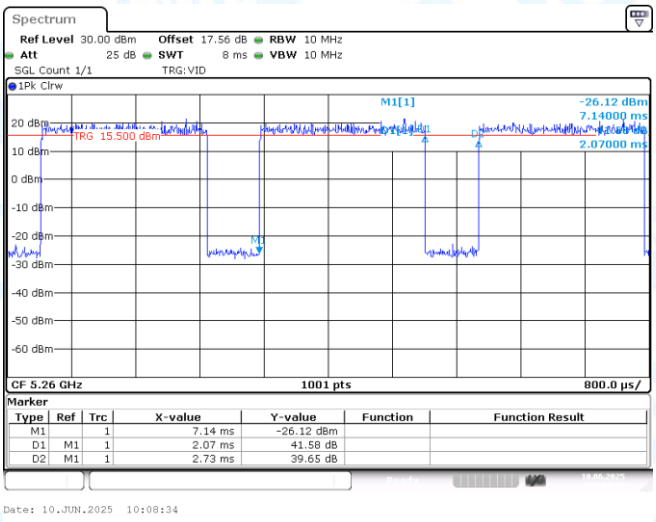
NTNV-11A-CDD-Ant1-5180



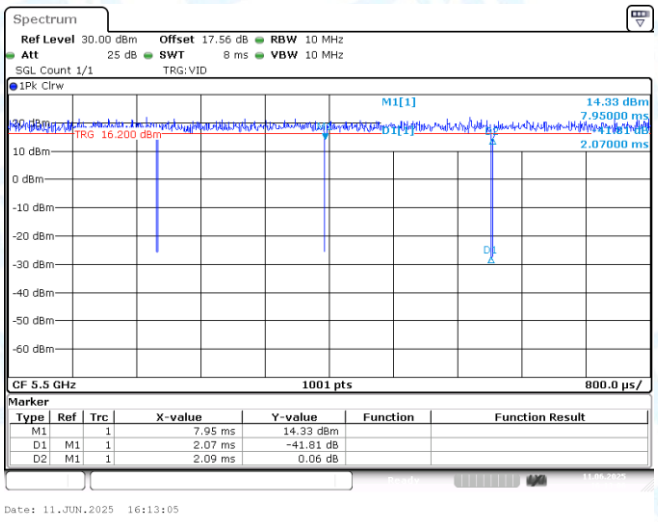
NTNV-11A-CDD-Ant2-5180



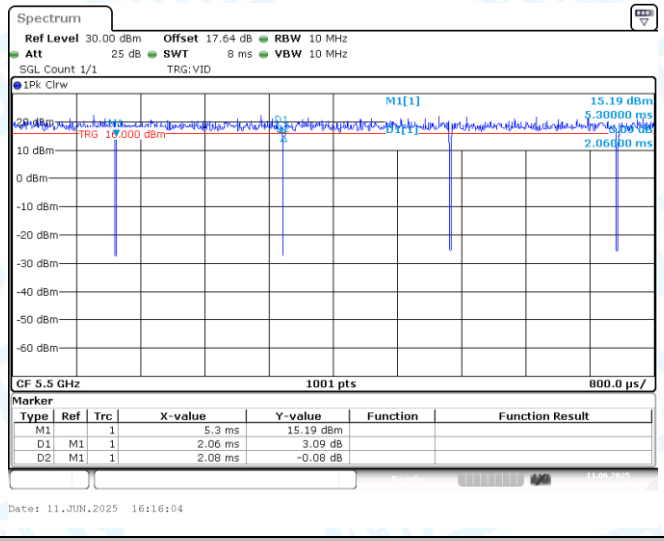
NTNV-11A-CDD-Ant1-5260



NTNV-11A-CDD-Ant2-5260



NTNV-11A-CDD-Ant1-5500



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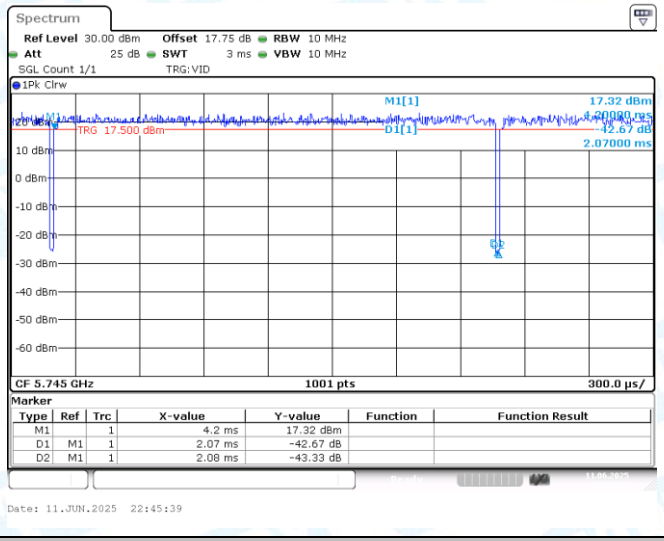
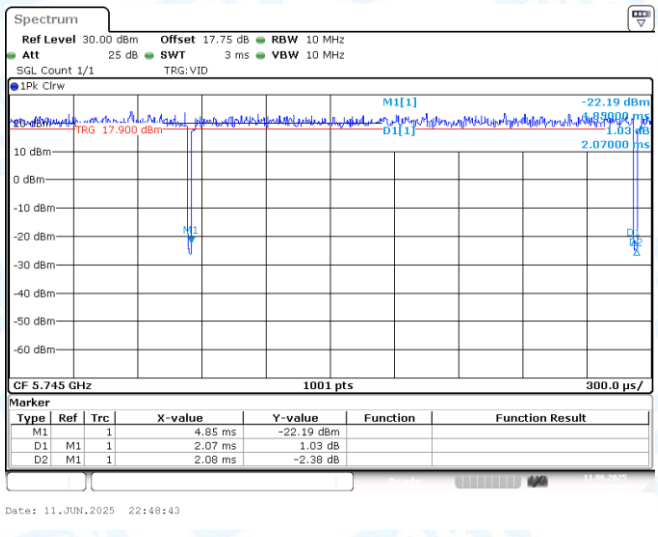


NTNV-11A-CDD-Ant1-5745



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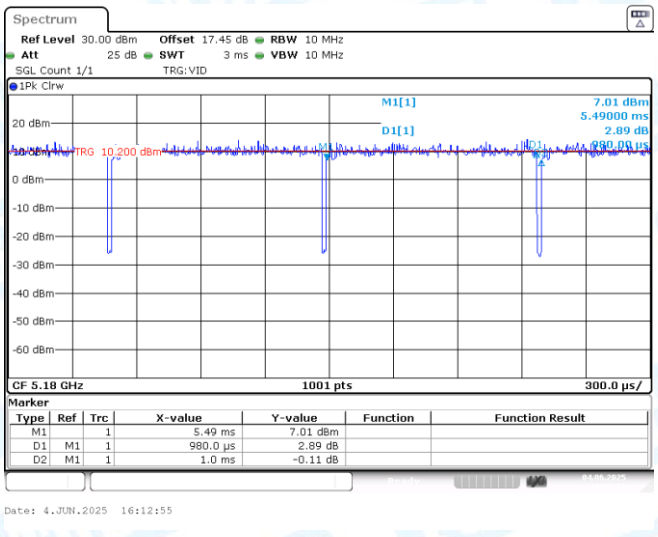
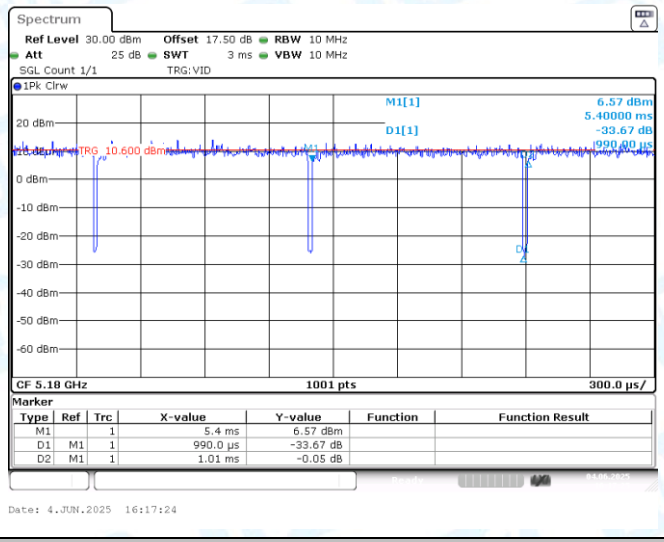


NTNV-11N20MIMO-Ant1-5180



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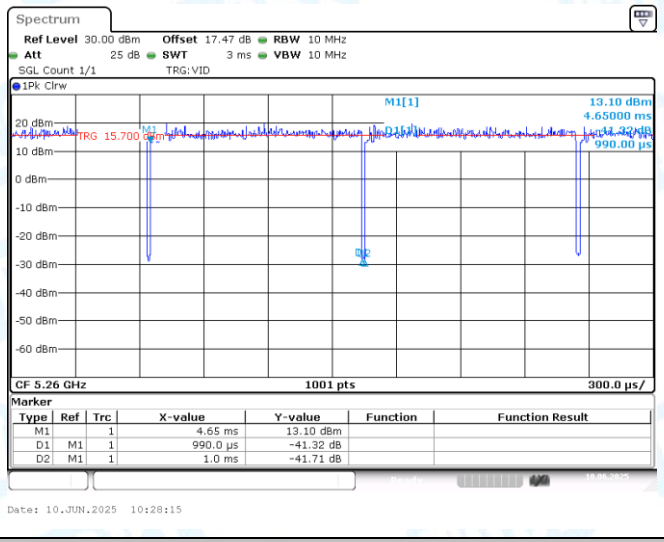
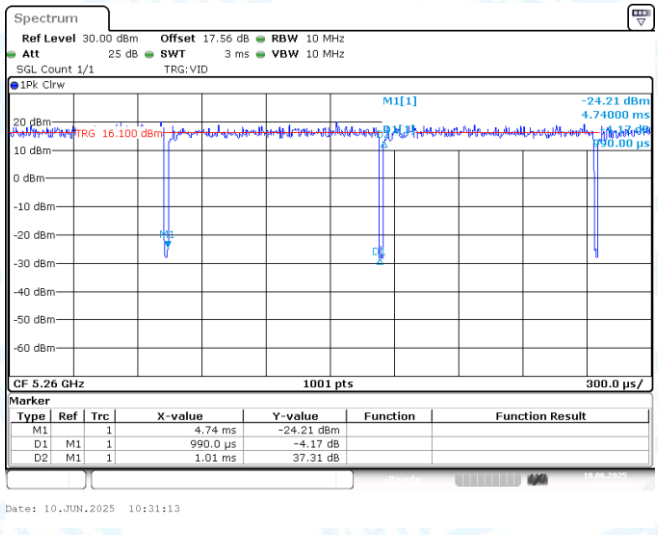
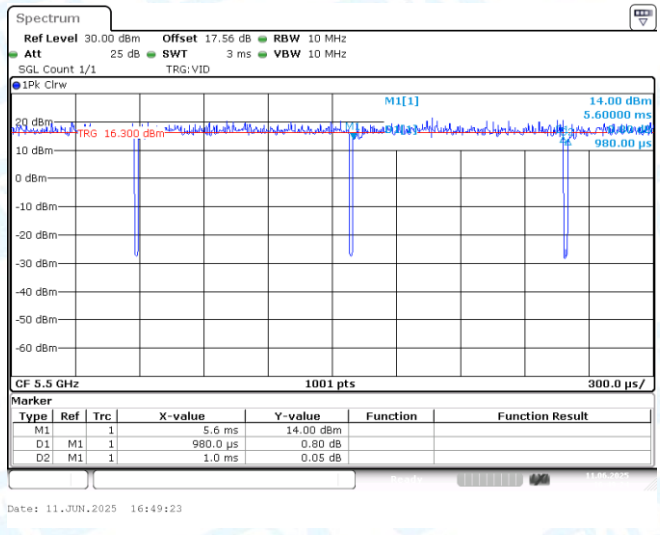


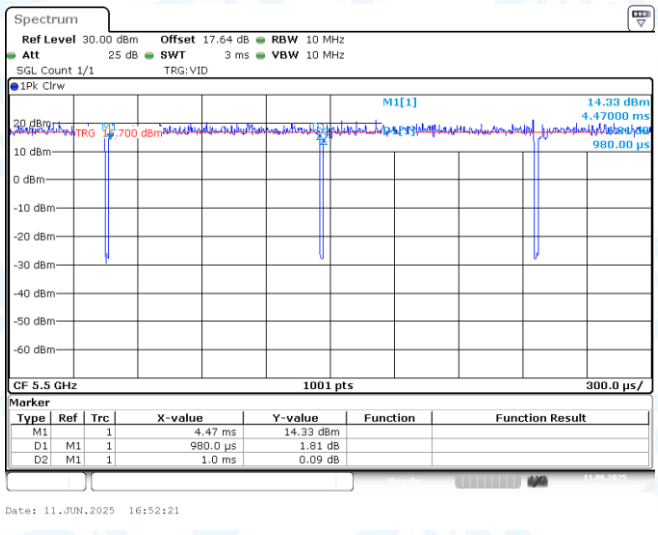
NTNV-11N20MIMO-Ant1-5260



NTNV-11N20MIMO-Ant2-5260



NTNV-11N20MIMO-Ant1-5500



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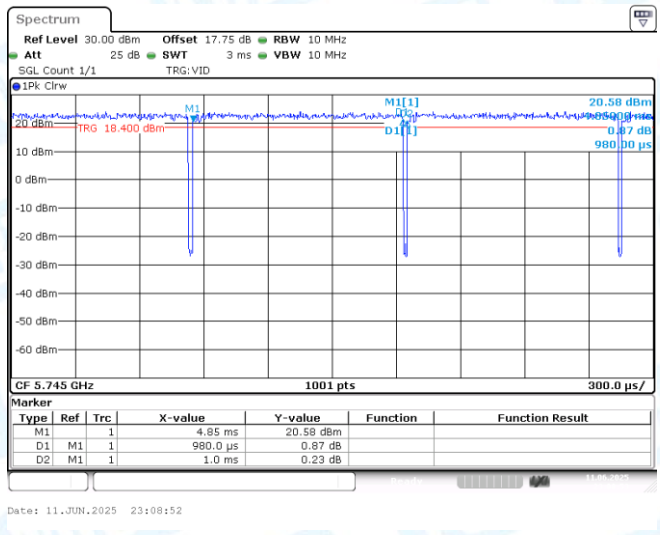
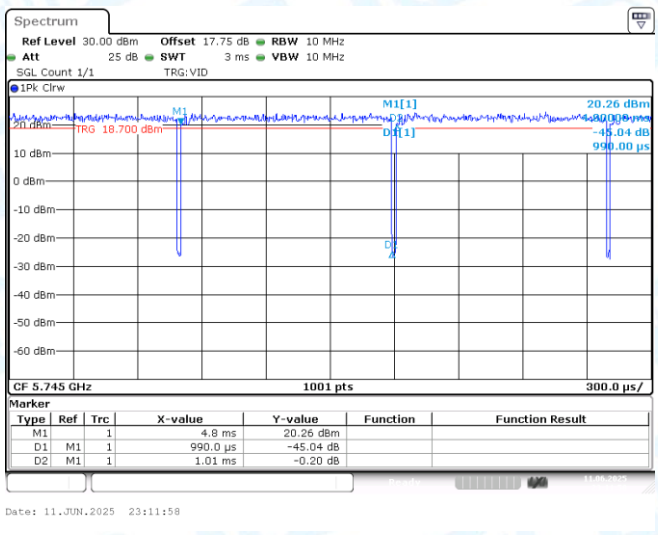
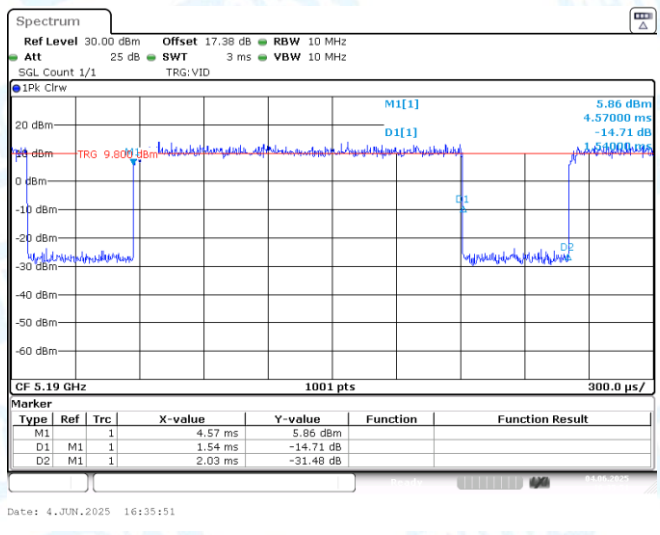


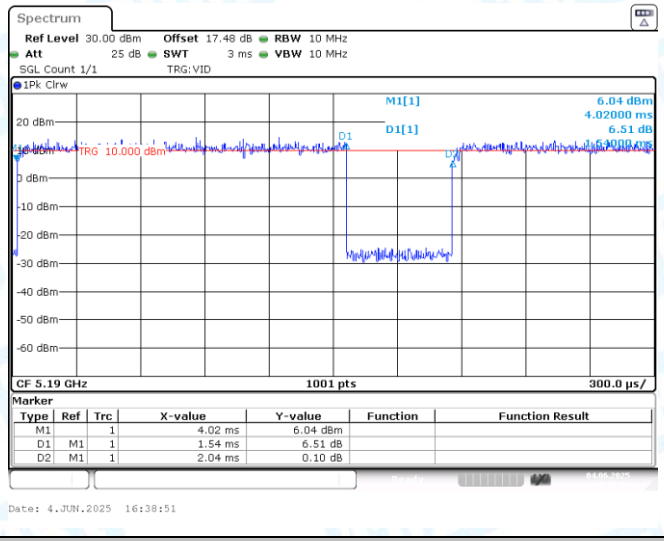
NTNV-11N20MIMO-Ant1-5745



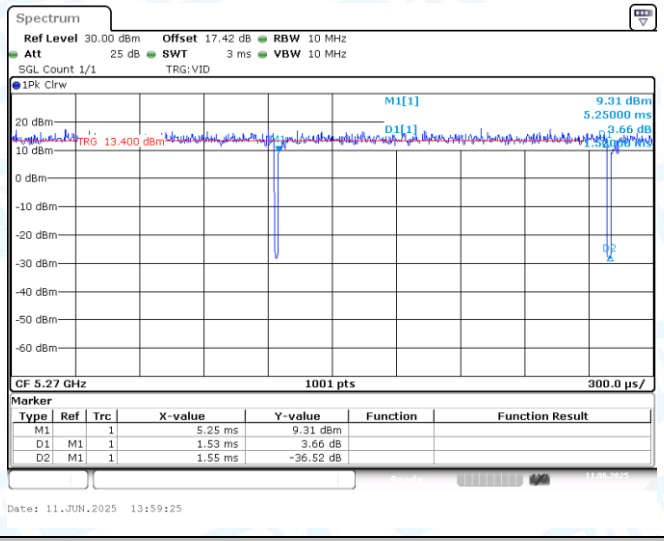
NTNV-11N20MIMO-Ant2-5745



NTNV-11N40MIMO-Ant1-5190



NTNV-11N40MIMO-Ant2-5190



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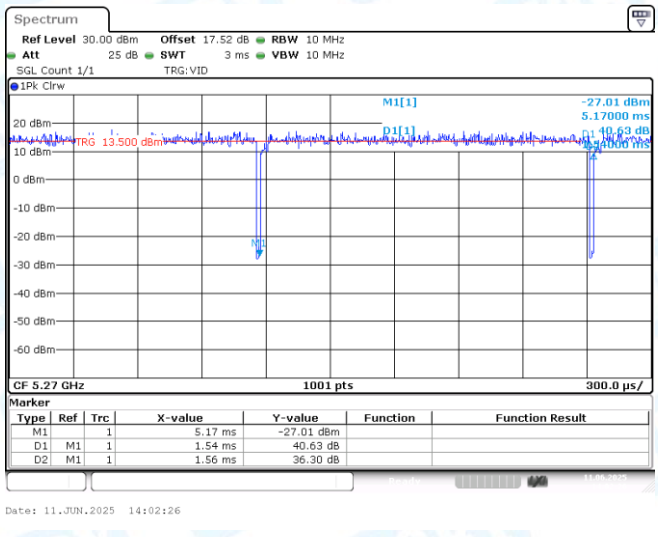

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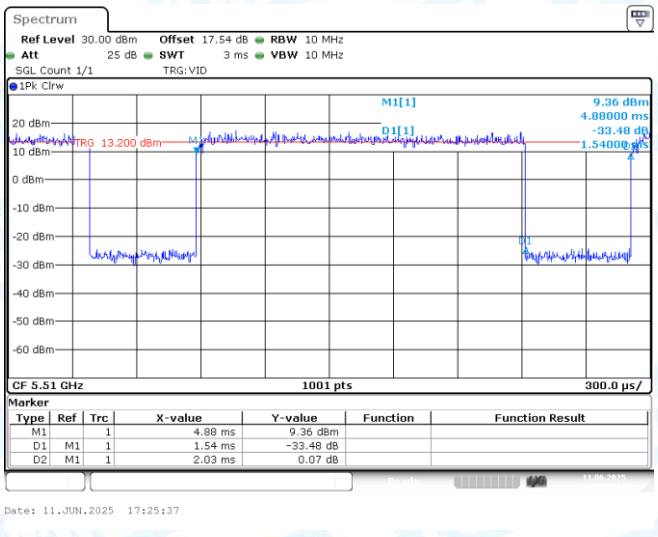

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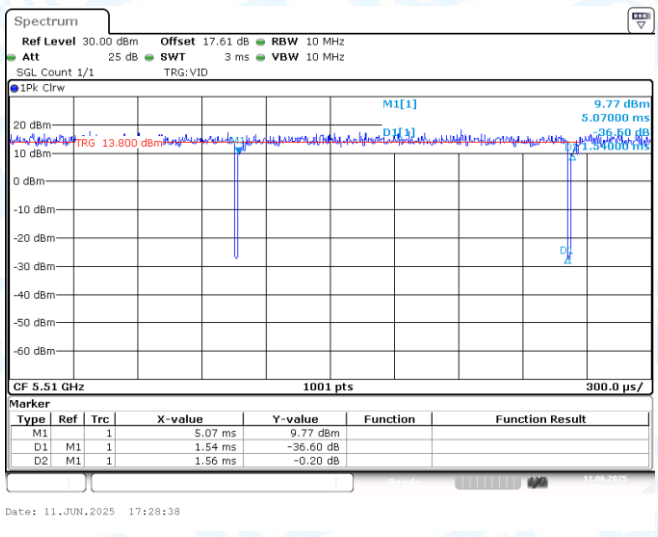

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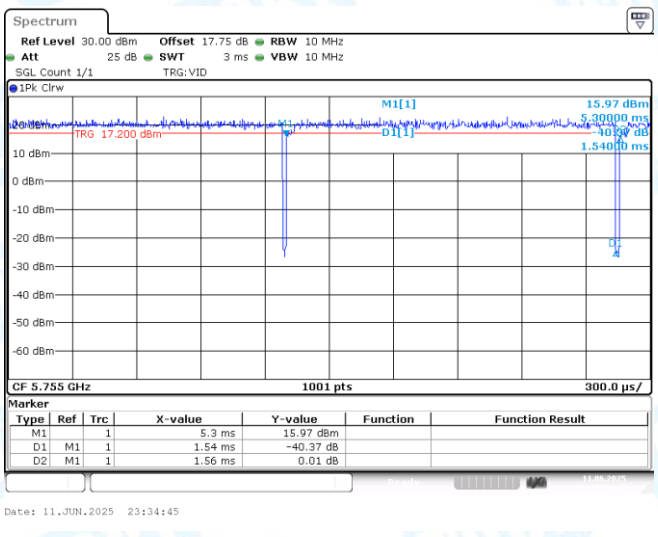

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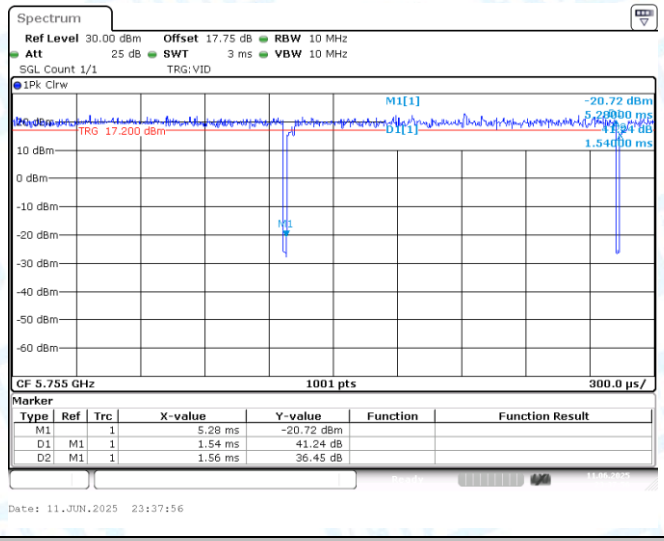

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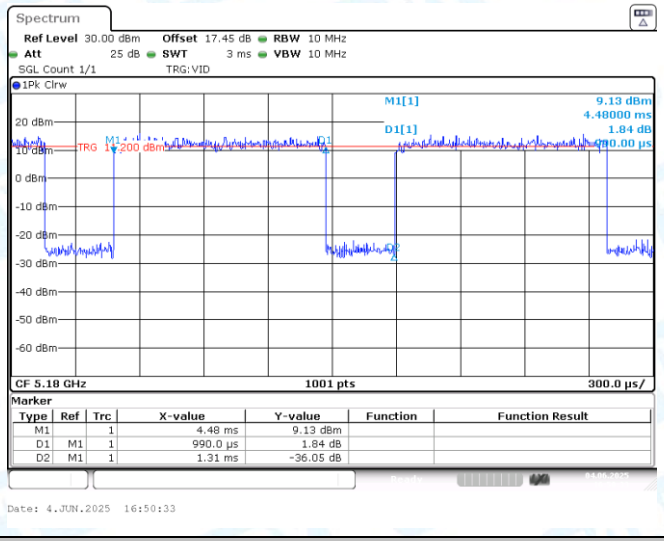
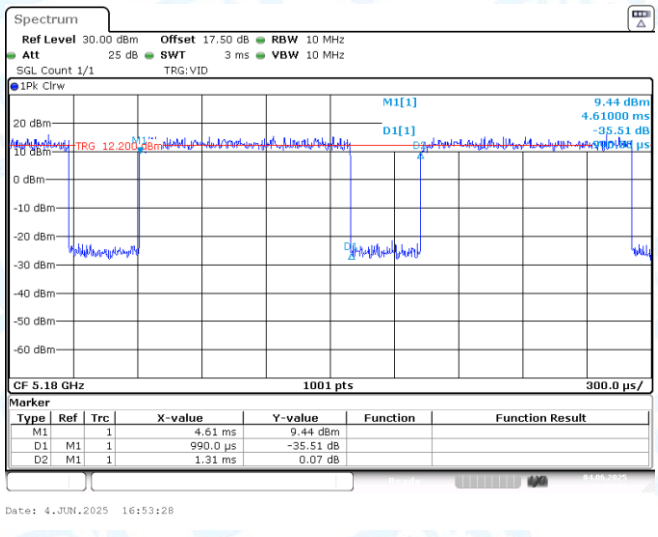


NTNV-11AC20MIMO-Ant1-5180



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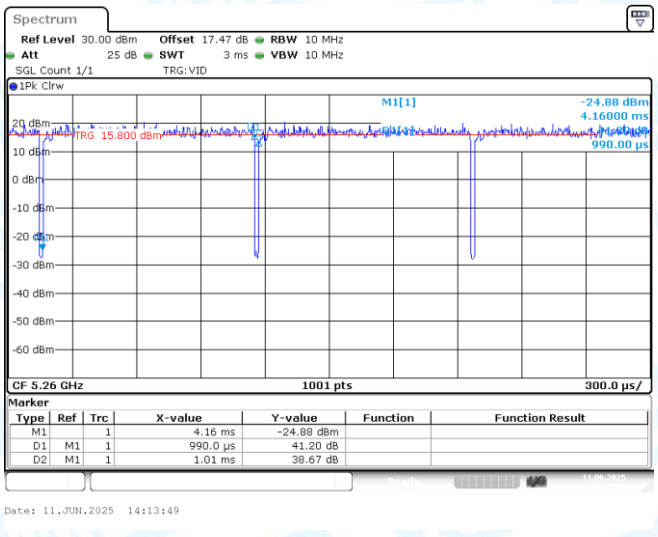

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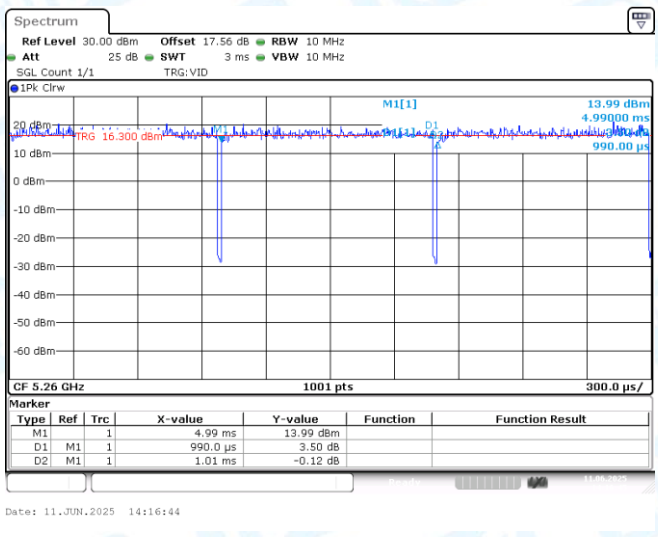

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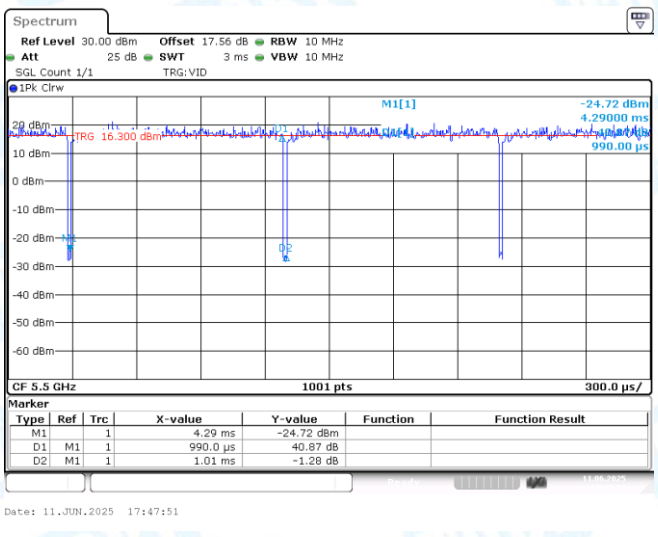

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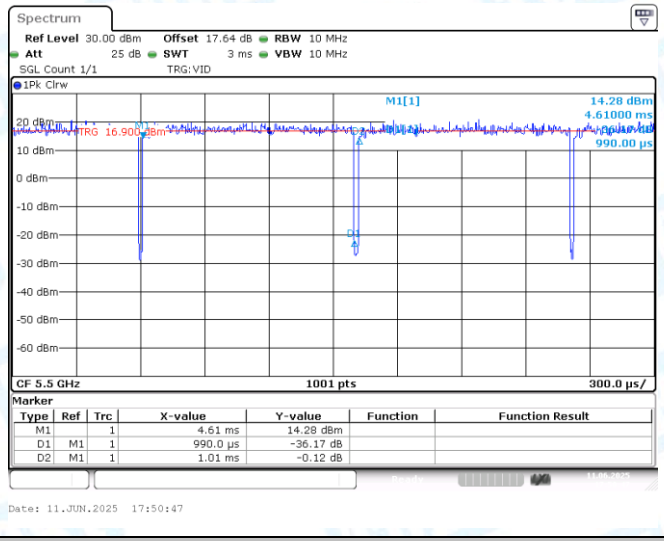
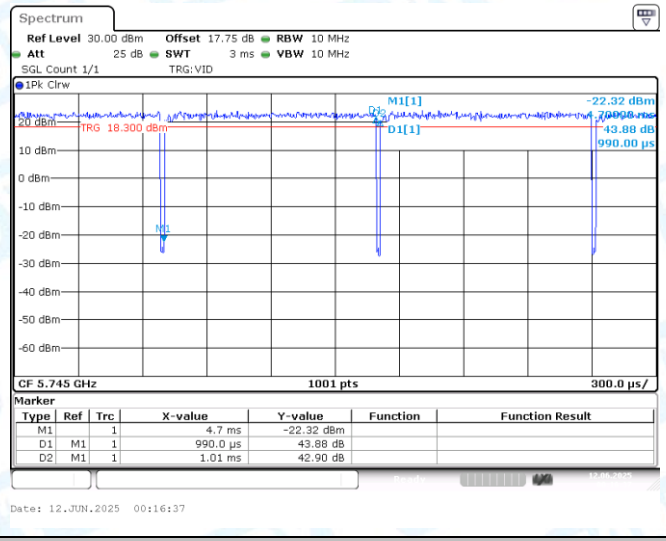
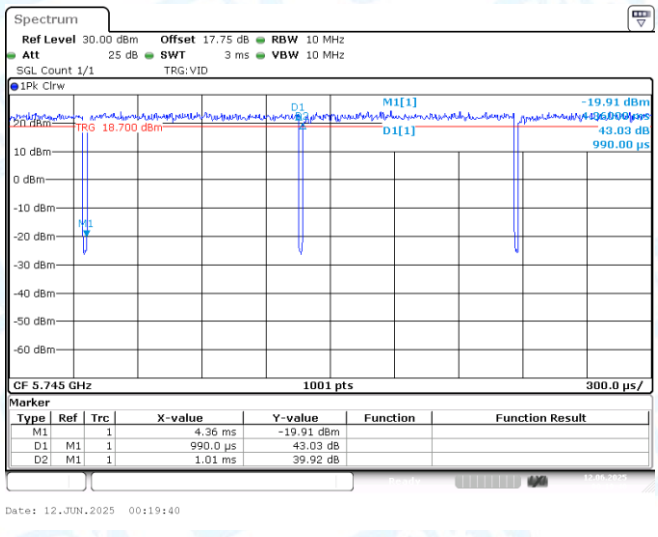


NTNV-11AC20MIMO-Ant2-5500



NTNV-11AC20MIMO-Ant1-5745



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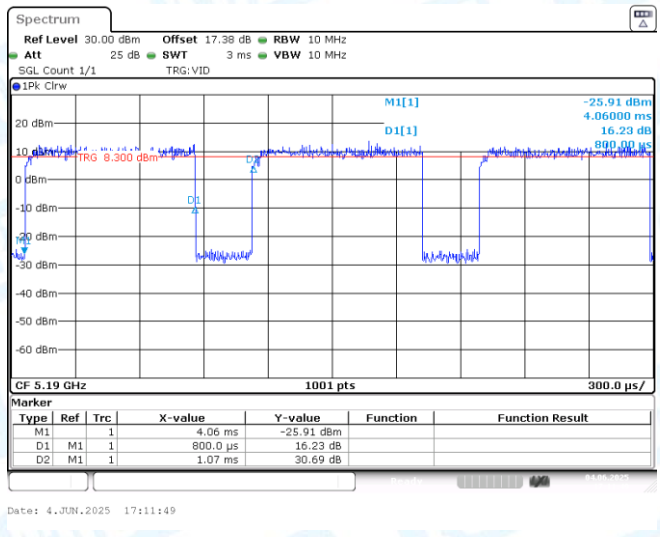
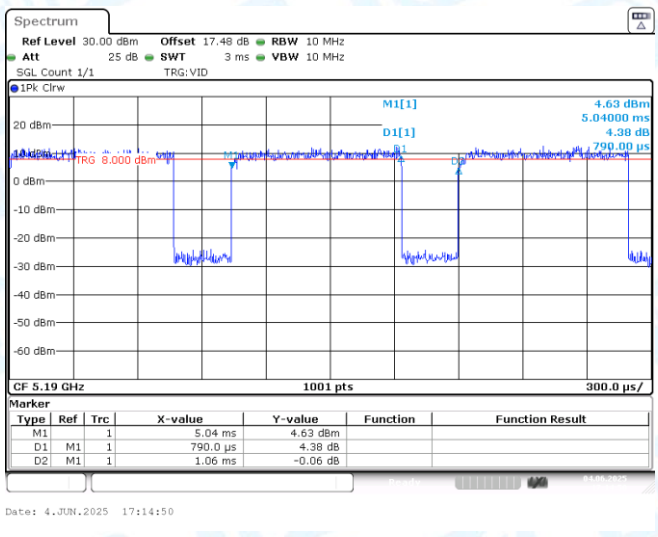


NTNV-11AC40MIMO-Ant1-5190



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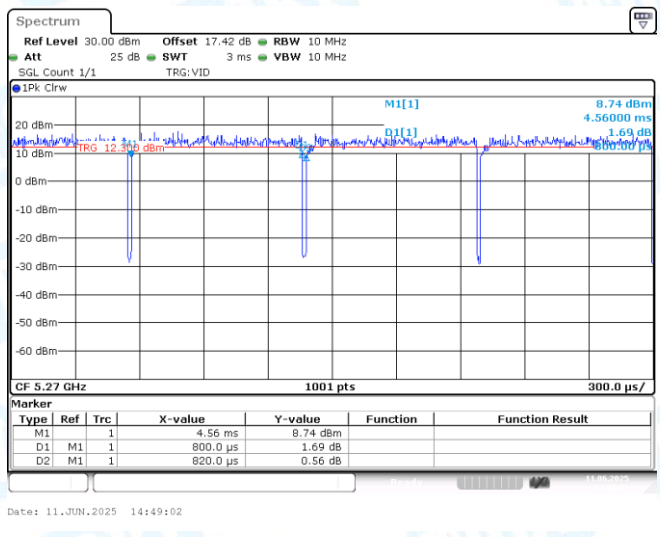

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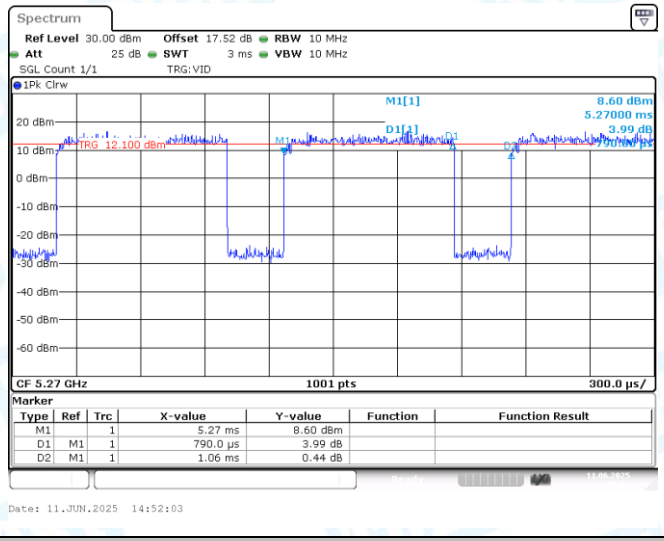

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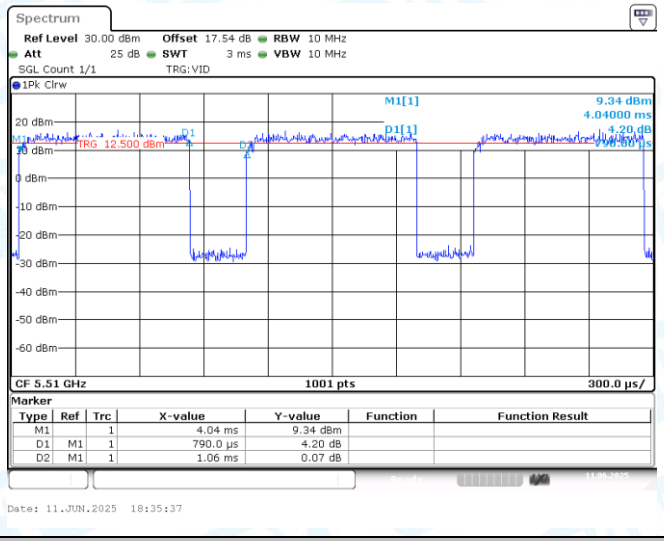

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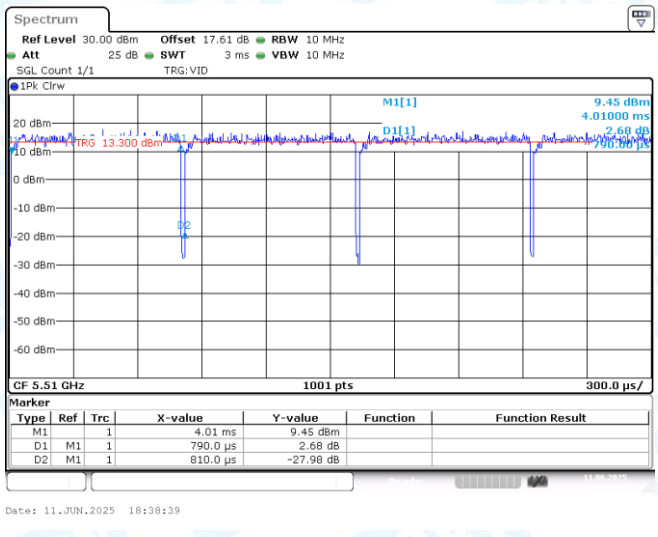
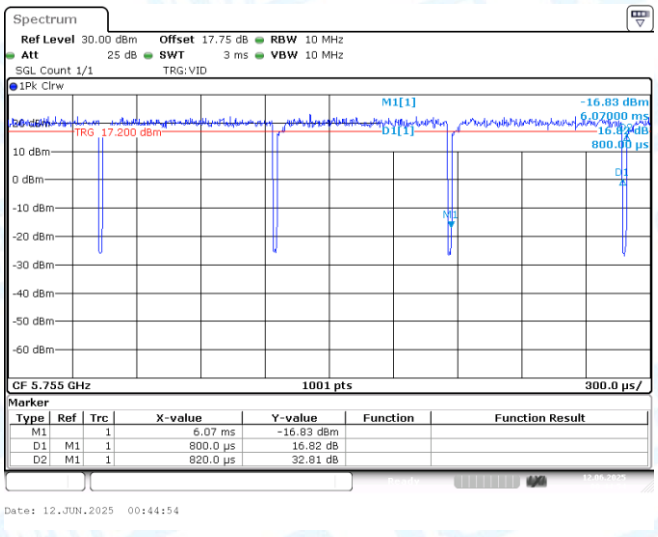


NTNV-11AC40MIMO-Ant2-5510



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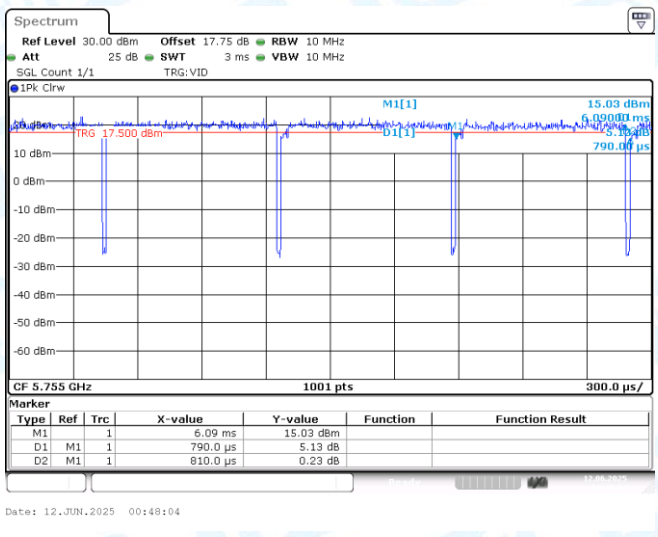
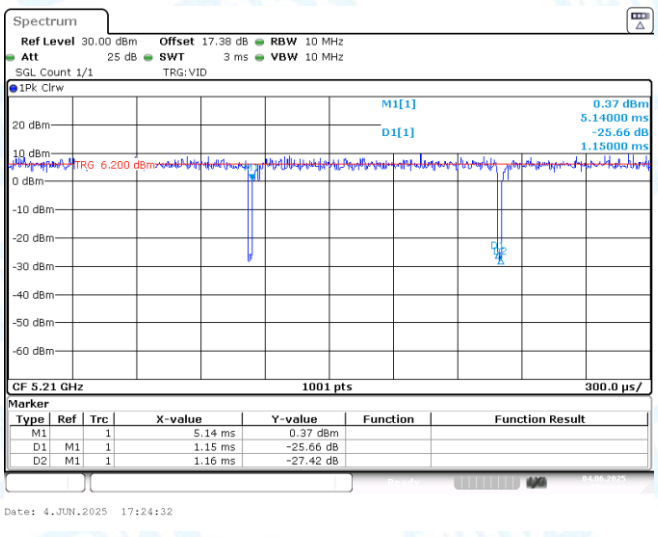
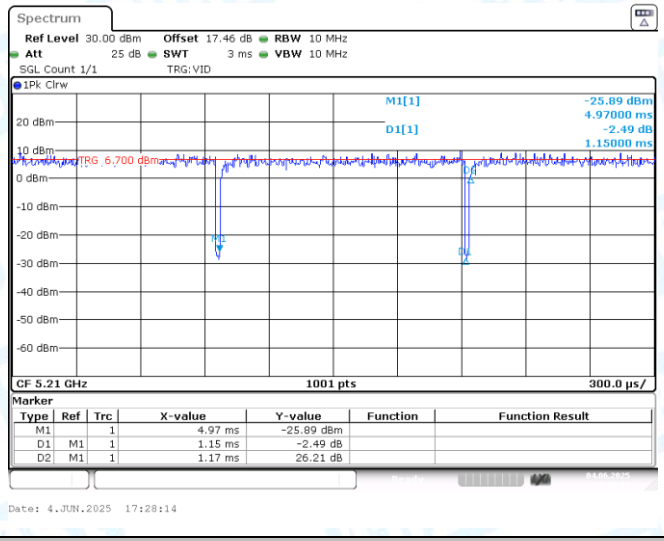


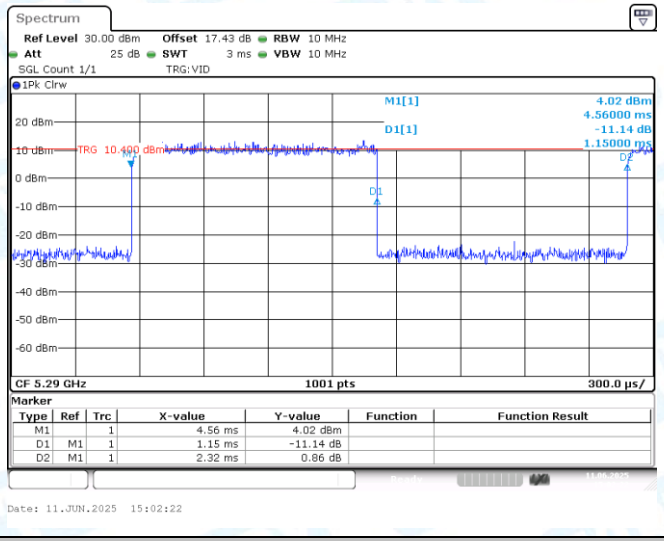
NTNV-11AC40MIMO-Ant2-5755



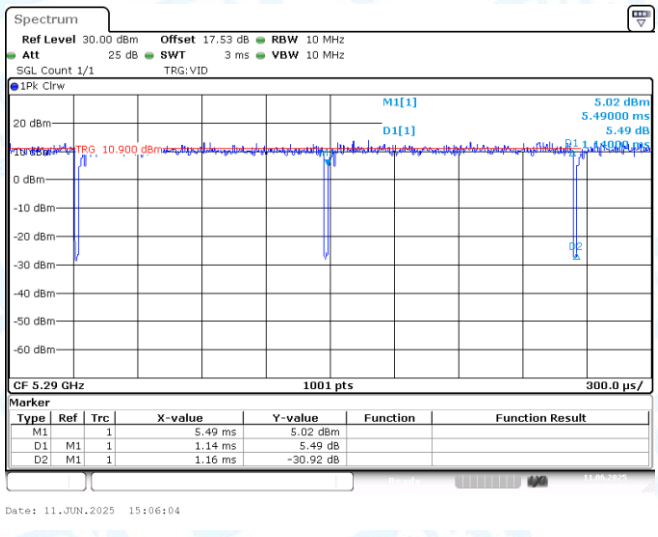
NTNV-11AC80MIMO-Ant1-5210



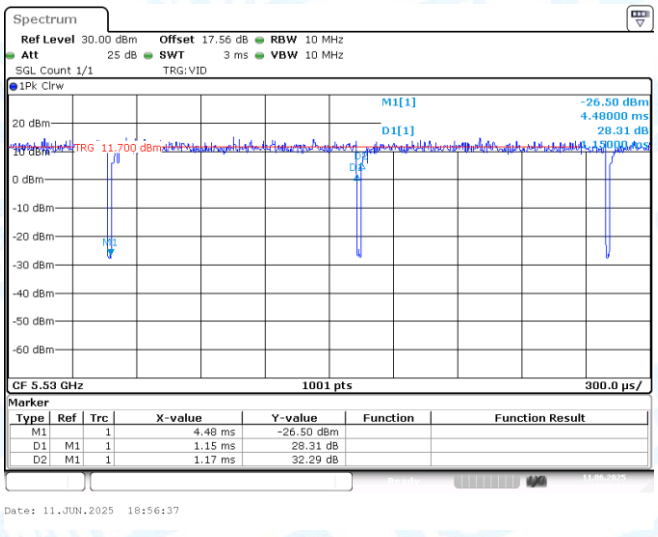
NTNV-11AC80MIMO-Ant2-5210



NTNV-11AC80MIMO-Ant1-5290



NTNV-11AC80MIMO-Ant2-5290



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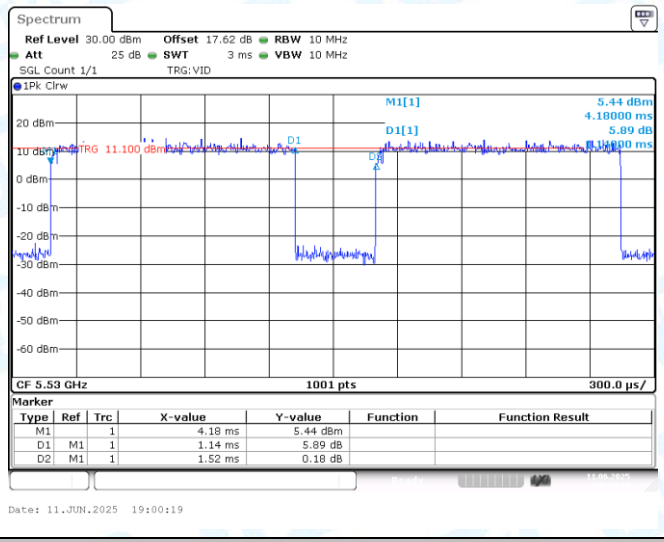

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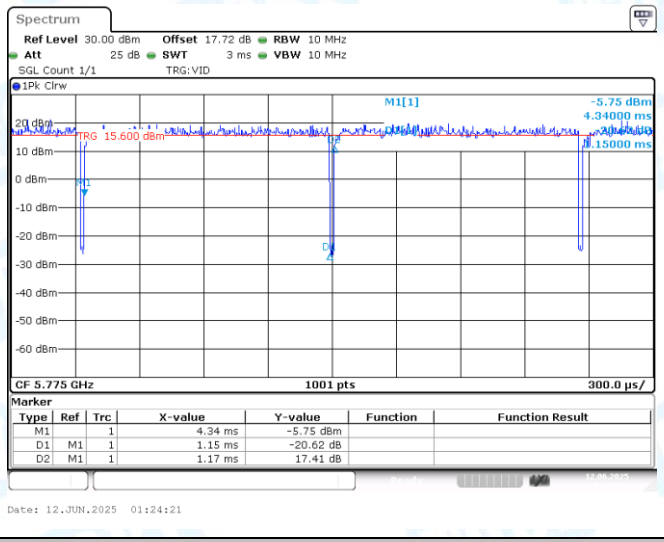

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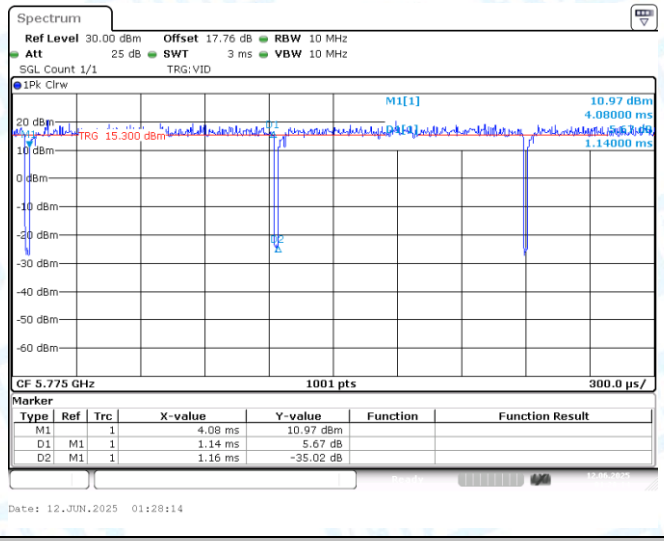
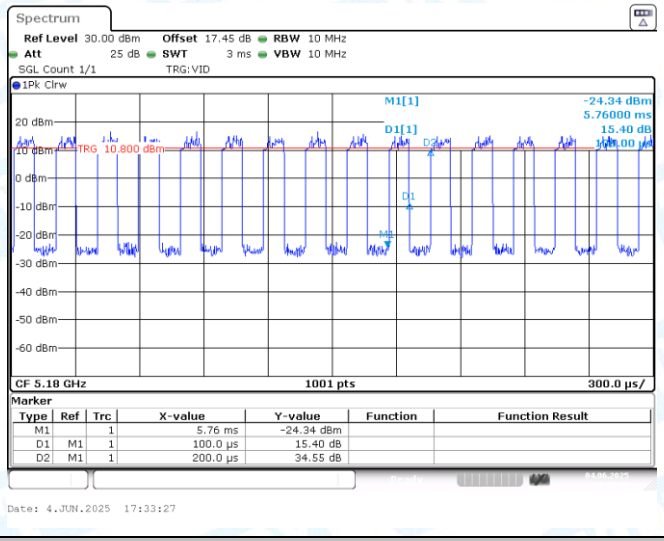
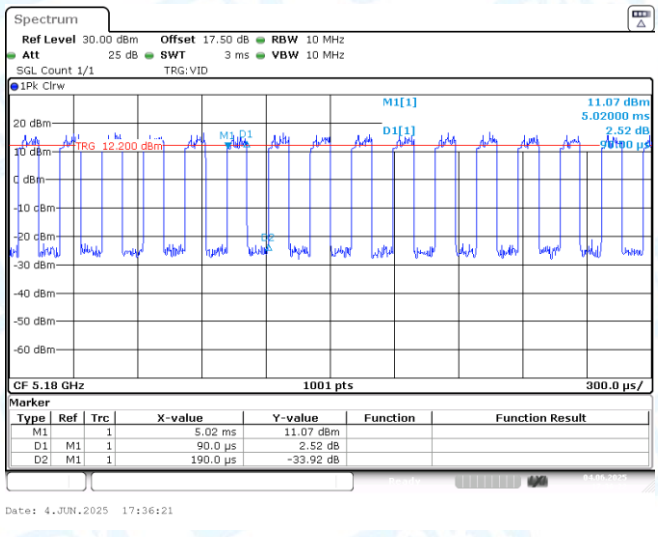


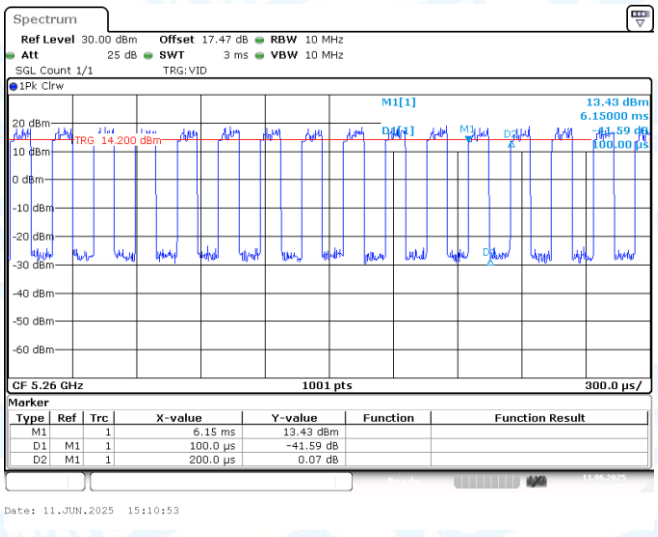
NTNV-11AC80MIMO-Ant2-5775



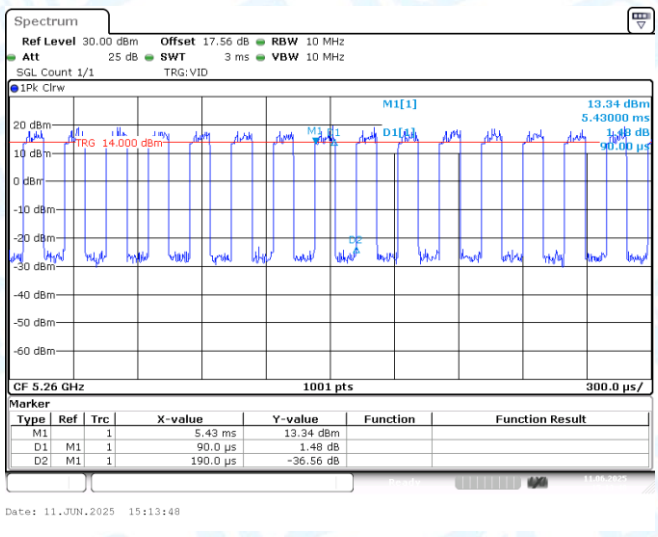
NTNV-11AX20MIMO-Ant1-5180



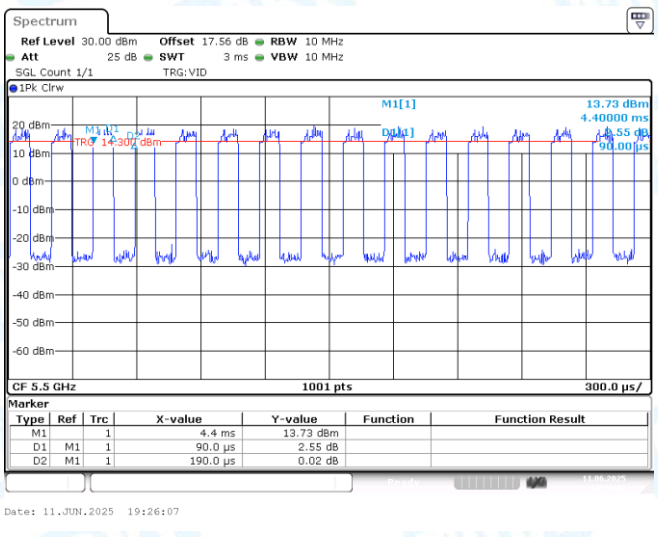
NTNV-11AX20MIMO-Ant2-5180



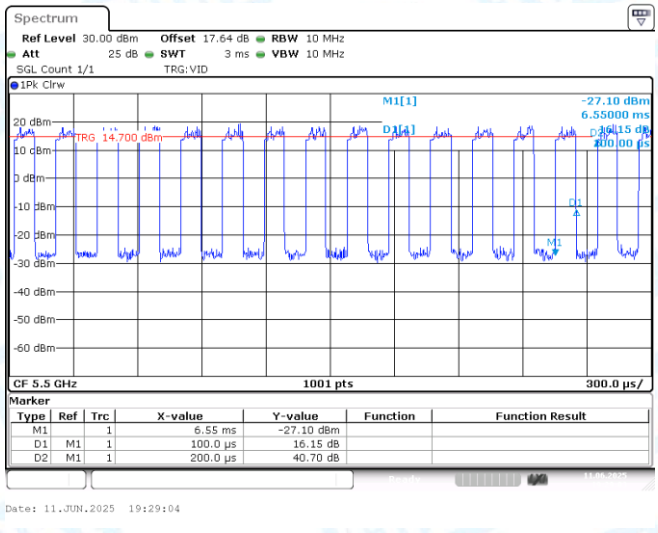
NTNV-11AX20MIMO-Ant1-5260



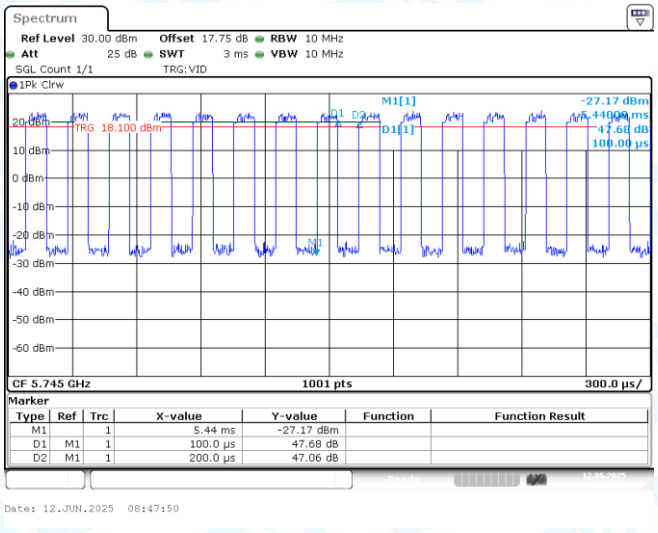
NTNV-11AX20MIMO-Ant2-5260



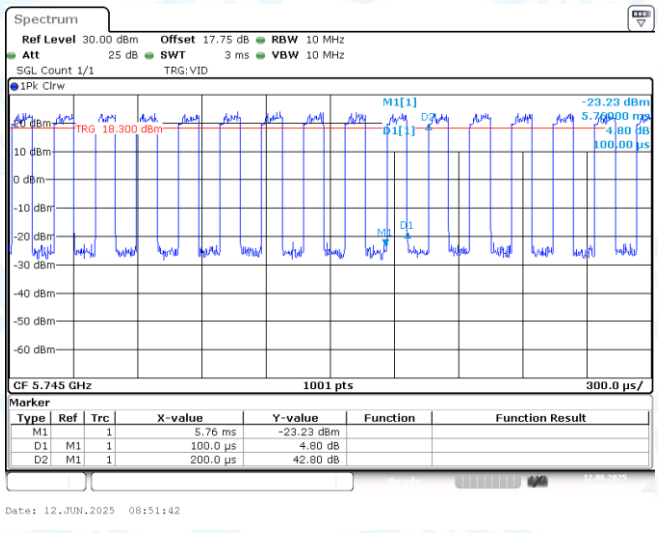
NTNV-11AX20MIMO-Ant1-5500



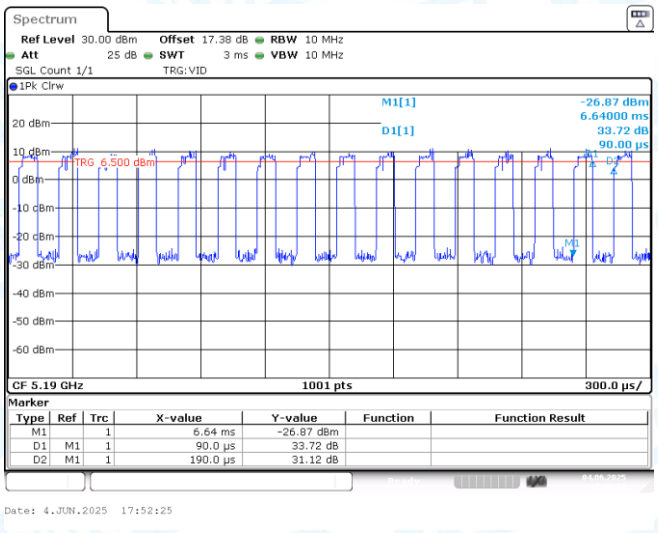
NTNV-11AX20MIMO-Ant2-5500



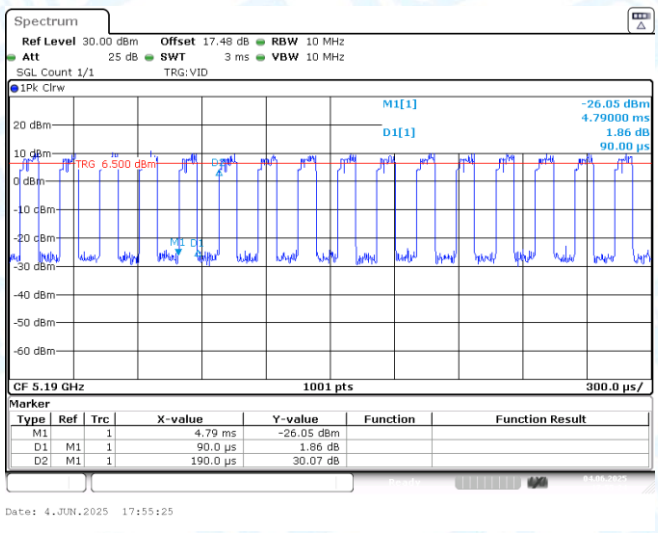
NTNV-11AX20MIMO-Ant1-5745



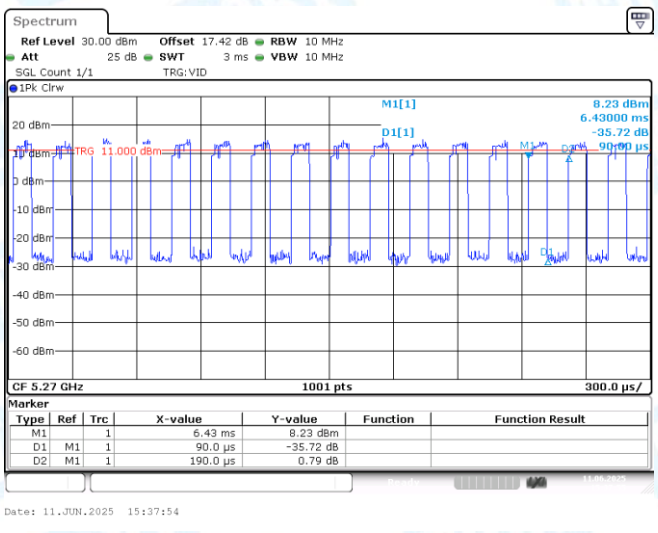
NTNV-11AX20MIMO-Ant2-5745



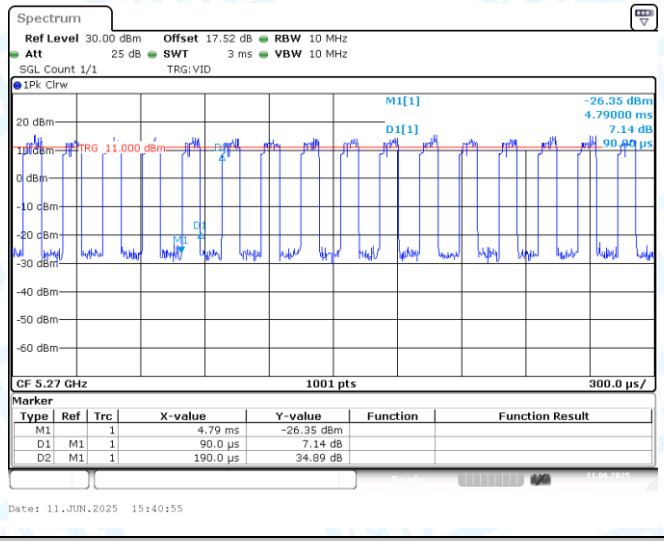
NTNV-11AX40MIMO-Ant1-5190



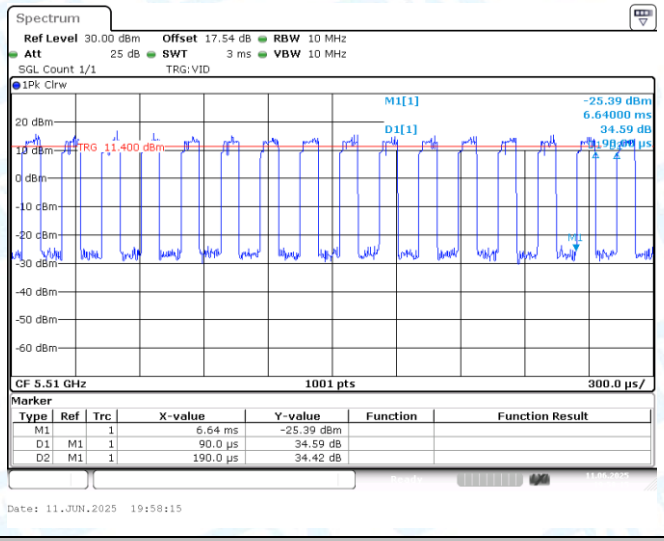
NTNV-11AX40MIMO-Ant2-5190



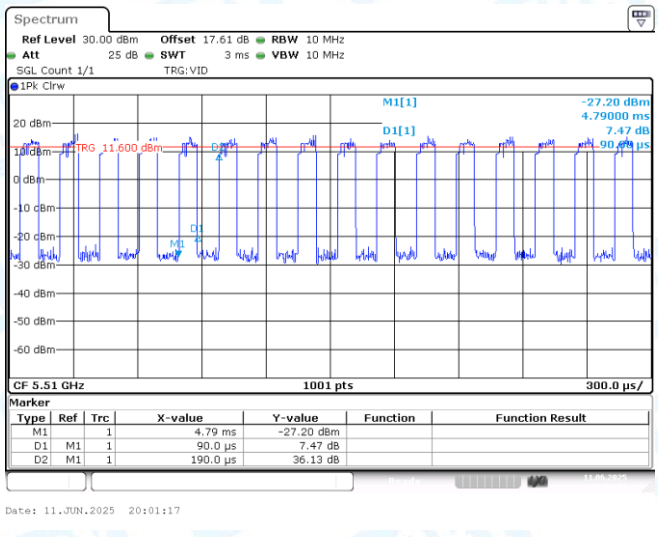
NTNV-11AX40MIMO-Ant1-5270



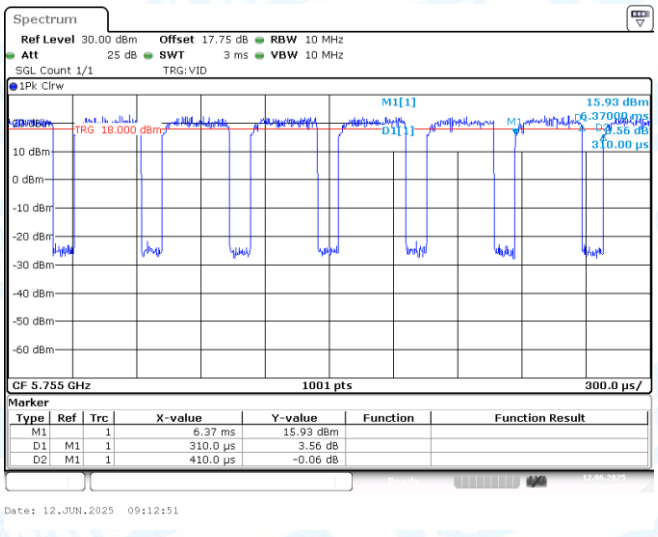
NTNV-11AX40MIMO-Ant2-5270



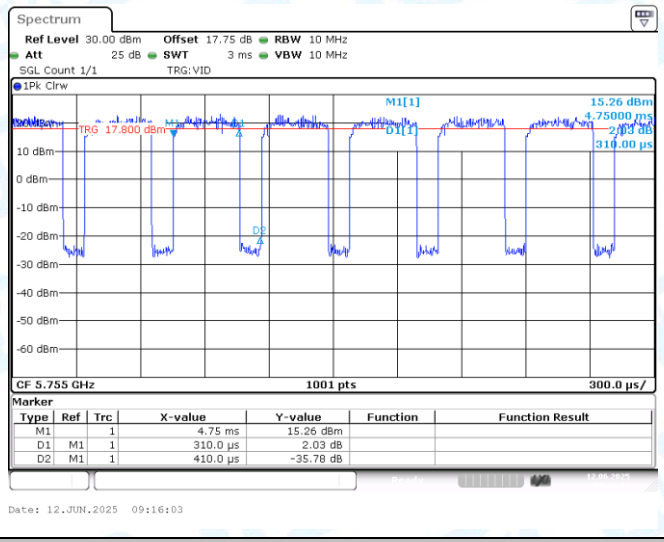
NTNV-11AX40MIMO-Ant1-5510



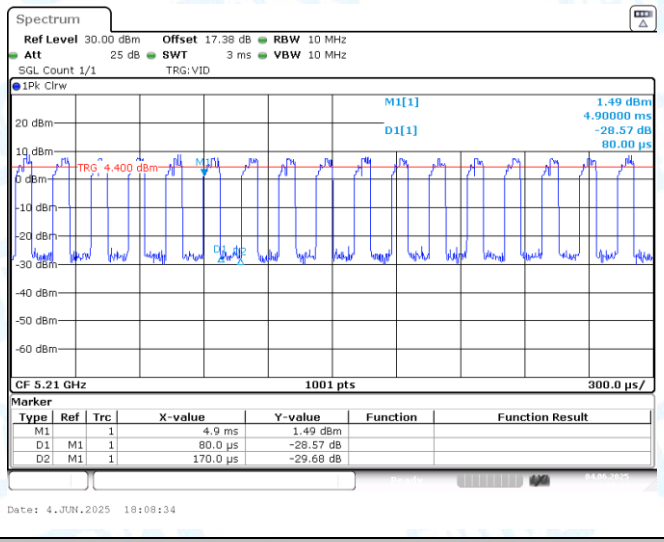
NTNV-11AX40MIMO-Ant2-5510



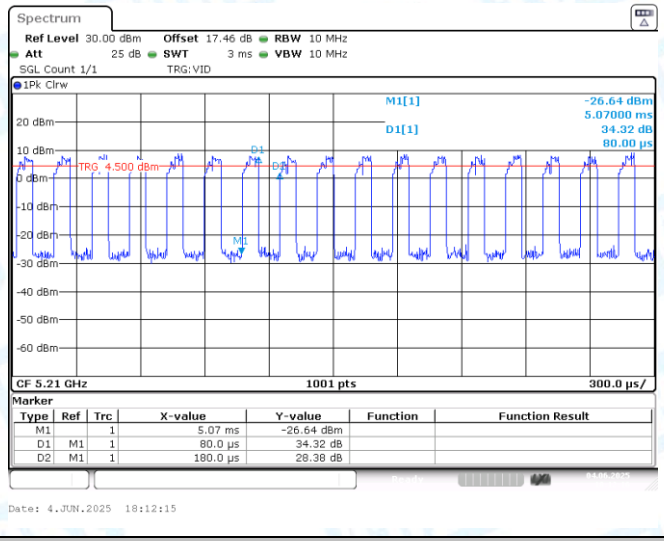
NTNV-11AX40MIMO-Ant1-5755



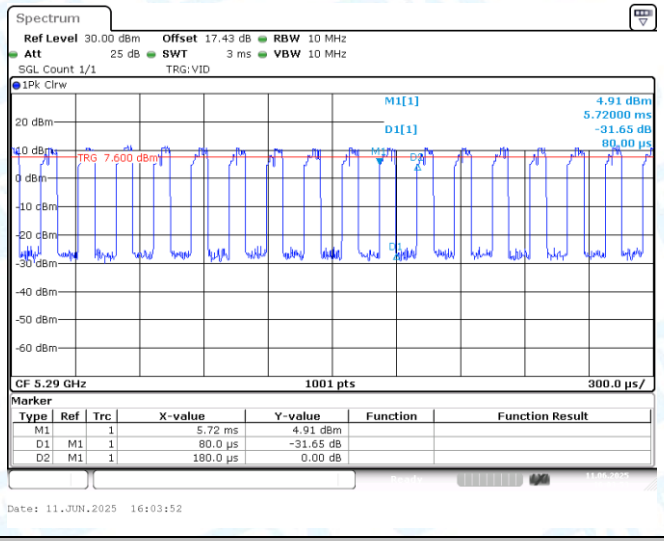
NTNV-11AX40MIMO-Ant2-5755



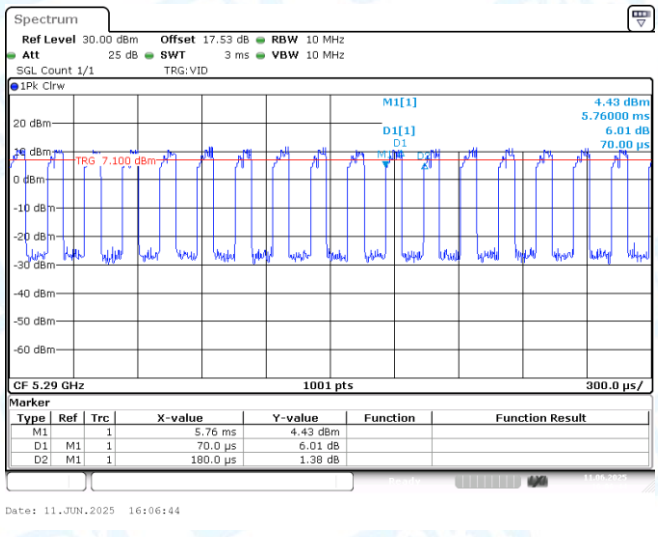
NTNV-11AX80MIMO-Ant1-5210



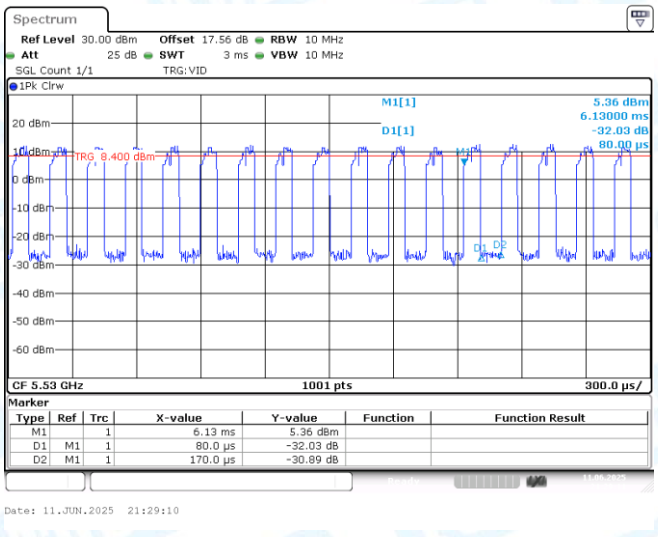
NTNV-11AX80MIMO-Ant2-5210



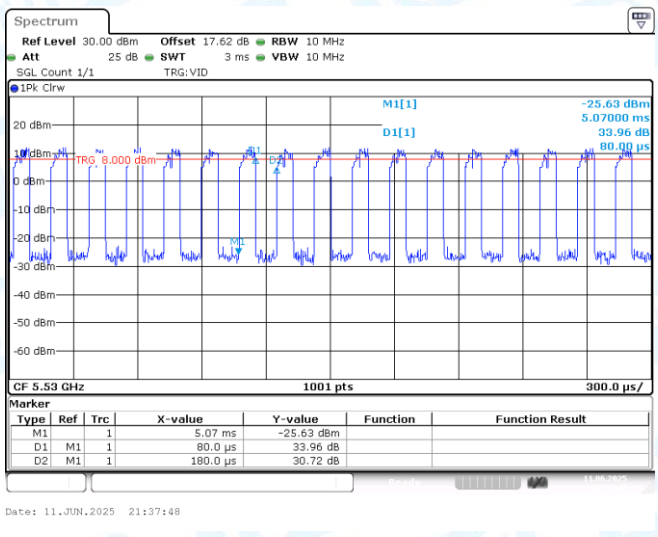
NTNV-11AX80MIMO-Ant1-5290



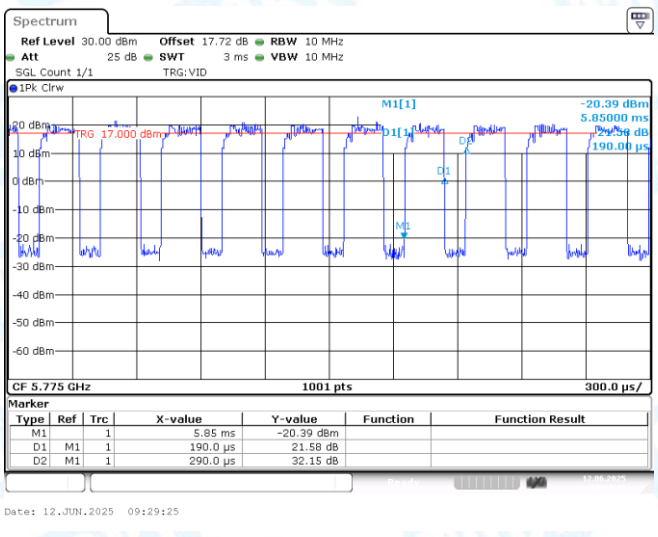
NTNV-11AX80MIMO-Ant2-5290



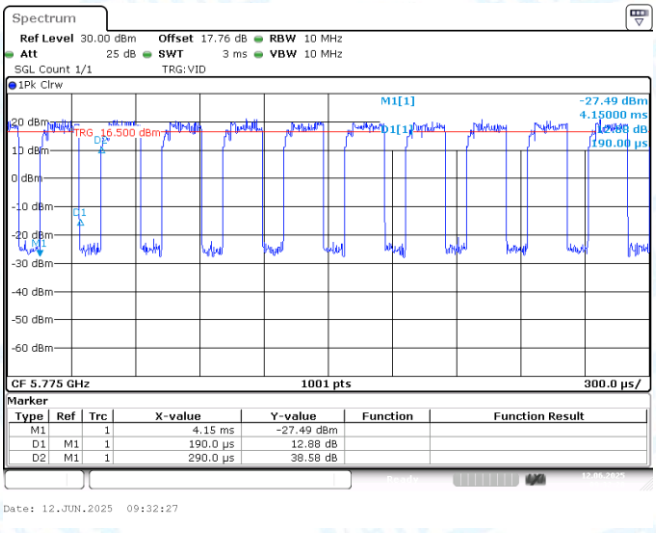
NTNV-11AX80MIMO-Ant1-5530



NTNV-11AX80MIMO-Ant2-5530



NTNV-11AX80MIMO-Ant1-5775



NTNV-11AX80MIMO-Ant2-5775

5: Maximum conducted output power

5.1 Test Result

TestMode	Antenna	Frequency [MHz]	Raw Power [dBm]	DC Factory	Result [dBm]	Limit[dBm]	Verdict
11A-CDD	Ant1	5180	6.64	0.06	6.70	≤23.64	PASS
11A-CDD	Ant2	5180	6.41	1.22	7.63	≤23.64	PASS
11A-CDD	total	5180	---	---	10.20	≤23.64	PASS
11A-CDD	Ant1	5200	6.64	0.06	6.70	≤23.64	PASS
11A-CDD	Ant2	5200	7.13	1.22	8.35	≤23.64	PASS
11A-CDD	total	5200	---	---	10.61	≤23.64	PASS
11A-CDD	Ant1	5240	5.54	0.06	5.60	≤23.64	PASS
11A-CDD	Ant2	5240	6.44	1.22	7.66	≤23.64	PASS
11A-CDD	total	5240	---	---	9.76	≤23.64	PASS
11A-CDD	Ant1	5260	11.97	0.04	12.01	≤23.64	PASS
11A-CDD	Ant2	5260	11.89	1.20	13.09	≤23.64	PASS
11A-CDD	total	5260	---	---	15.59	≤23.64	PASS
11A-CDD	Ant1	5280	11.77	0.04	11.81	≤23.64	PASS
11A-CDD	Ant2	5280	10.37	1.20	11.57	≤23.64	PASS
11A-CDD	total	5280	---	---	14.70	≤23.64	PASS
11A-CDD	Ant2	5320	12.14	1.20	13.34	≤23.64	PASS
11A-CDD	total	5320	---	---	15.58	≤23.64	PASS
11A-CDD	Ant1	5320	11.60	0.04	11.64	≤23.64	PASS
11A-CDD	Ant1	5500	12.36	0.04	12.40	≤23.64	PASS
11A-CDD	Ant2	5500	11.37	0.04	11.41	≤23.64	PASS
11A-CDD	total	5500	---	---	14.94	≤23.64	PASS
11A-CDD	Ant1	5580	12.95	0.04	12.99	≤23.64	PASS
11A-CDD	Ant2	5580	13.16	0.04	13.20	≤23.64	PASS
11A-CDD	total	5580	---	---	16.11	≤23.64	PASS
11A-CDD	Ant1	5720_UNII-2C	9.03	0.04	9.07	≤29.66	PASS
11A-CDD	Ant2	5720_UNII-2C	8.62	0.04	8.66	≤29.66	PASS
11A-CDD	total	5720_UNII-2C	---	---	11.88	≤29.66	PASS
11A-CDD	Ant1	5720_UNII-3	2.46	0.04	2.50	≤29.66	PASS
11A-CDD	Ant2	5720_UNII-3	1.70	0.04	1.74	≤29.66	PASS
11A-CDD	total	5720_UNII-3	---	---	5.15	≤29.66	PASS
11A-CDD	Ant1	5745	18.79	0.02	18.81	≤29.66	PASS
11A-CDD	Ant2	5745	18.27	0.02	18.29	≤29.66	PASS
11A-CDD	total	5745	---	---	21.57	≤29.66	PASS
11A-CDD	Ant1	5785	18.89	0.02	18.91	≤29.66	PASS
11A-CDD	Ant2	5785	18.55	0.02	18.57	≤29.66	PASS
11A-CDD	total	5785	---	---	21.75	≤29.66	PASS
11A-CDD	Ant1	5825	18.96	0.02	18.98	≤29.66	PASS
11A-CDD	Ant2	5825	18.31	0.02	18.33	≤29.66	PASS
11A-CDD	total	5825	---	---	21.68	≤29.66	PASS
11N20MIMO	Ant1	5180	4.69	0.09	4.78	≤23.64	PASS
11N20MIMO	Ant2	5180	4.84	0.09	4.93	≤23.64	PASS
11N20MIMO	total	5180	---	---	7.87	≤20.63	PASS
11N20MIMO	Ant1	5200	5.95	0.09	6.04	≤23.64	PASS
11N20MIMO	Ant2	5200	7.12	0.09	7.21	≤23.64	PASS
11N20MIMO	total	5200	---	---	9.67	≤20.63	PASS
11N20MIMO	Ant1	5240	5.98	0.09	6.07	≤23.64	PASS
11N20MIMO	Ant2	5240	7.71	0.09	7.80	≤23.64	PASS
11N20MIMO	total	5240	---	---	10.03	≤20.63	PASS
11N20MIMO	Ant1	5260	11.57	0.04	11.61	≤23.64	PASS
11N20MIMO	Ant2	5260	11.64	0.09	11.73	≤23.64	PASS
11N20MIMO	total	5260	---	---	14.68	≤20.63	PASS

11N20MIMO	Ant1	5280	11.54	0.04	11.58	≤23.64	PASS
11N20MIMO	Ant2	5280	11.65	0.09	11.74	≤23.64	PASS
11N20MIMO	total	5280	---	---	14.67	≤20.63	PASS
11N20MIMO	Ant1	5320	11.45	0.04	11.49	≤23.64	PASS
11N20MIMO	Ant2	5320	12.15	0.09	12.24	≤23.64	PASS
11N20MIMO	total	5320	---	---	14.89	≤20.63	PASS
11N20MIMO	Ant1	5500	12.47	0.09	12.56	≤23.64	PASS
11N20MIMO	Ant2	5500	12.69	0.09	12.78	≤23.64	PASS
11N20MIMO	total	5500	---	---	15.68	≤20.63	PASS
11N20MIMO	Ant1	5580	12.88	0.09	12.97	≤23.64	PASS
11N20MIMO	Ant2	5580	13.00	0.09	13.09	≤23.64	PASS
11N20MIMO	total	5580	---	---	16.04	≤20.63	PASS
11N20MIMO	Ant1	5720_UNII-2C	8.71	0.09	8.80	≤29.66	PASS
11N20MIMO	Ant2	5720_UNII-2C	8.26	0.09	8.35	≤29.66	PASS
11N20MIMO	total	5720_UNII-2C	---	---	11.59	≤26.65	PASS
11N20MIMO	Ant1	5720_UNII-3	2.71	0.09	2.80	≤29.66	PASS
11N20MIMO	Ant2	5720_UNII-3	1.70	0.09	1.79	≤29.66	PASS
11N20MIMO	total	5720_UNII-3	---	---	5.33	≤26.65	PASS
11N20MIMO	Ant1	5745	18.48	0.09	18.57	≤29.66	PASS
11N20MIMO	Ant2	5745	18.65	0.09	18.74	≤29.66	PASS
11N20MIMO	total	5745	---	---	21.67	≤26.65	PASS
11N20MIMO	Ant1	5785	18.86	0.09	18.95	≤29.66	PASS
11N20MIMO	Ant2	5785	18.61	0.09	18.70	≤29.66	PASS
11N20MIMO	total	5785	---	---	21.84	≤26.65	PASS
11N20MIMO	Ant1	5825	18.70	0.09	18.79	≤23.64	PASS
11N20MIMO	Ant2	5825	18.44	0.09	18.53	≤23.64	PASS
11N20MIMO	total	5825	---	---	21.67	≤20.63	PASS
11N40MIMO	Ant1	5190	4.78	1.20	5.98	≤23.64	PASS
11N40MIMO	Ant2	5190	4.82	1.22	6.04	≤23.64	PASS
11N40MIMO	total	5190	---	---	9.02	≤20.63	PASS
11N40MIMO	Ant1	5230	5.40	1.20	6.60	≤23.64	PASS
11N40MIMO	Ant2	5230	5.14	1.22	6.36	≤23.64	PASS
11N40MIMO	total	5230	---	---	9.49	≤20.63	PASS
11N40MIMO	Ant1	5270	11.25	0.06	11.31	≤23.64	PASS
11N40MIMO	Ant2	5270	11.58	0.06	11.64	≤23.64	PASS
11N40MIMO	total	5270	---	---	14.49	≤20.63	PASS
11N40MIMO	Ant1	5310	11.10	0.06	11.16	≤23.64	PASS
11N40MIMO	Ant2	5310	11.51	0.06	11.57	≤23.64	PASS
11N40MIMO	total	5310	---	---	14.38	≤20.63	PASS
11N40MIMO	Ant1	5510	11.65	1.20	12.85	≤23.64	PASS
11N40MIMO	Ant2	5510	11.97	0.06	12.03	≤23.64	PASS
11N40MIMO	total	5510	---	---	15.47	≤20.63	PASS
11N40MIMO	Ant1	5550	10.25	1.20	11.45	≤23.64	PASS
11N40MIMO	Ant2	5550	10.61	0.06	10.67	≤23.64	PASS
11N40MIMO	total	5550	---	---	14.09	≤20.63	PASS
11N40MIMO	Ant1	5710_UNII-2C	9.34	1.20	10.54	≤29.66	PASS
11N40MIMO	Ant2	5710_UNII-2C	8.62	0.06	8.68	≤29.66	PASS
11N40MIMO	total	5710_UNII-2C	---	---	12.72	≤26.65	PASS
11N40MIMO	Ant1	5710_UNII-3	-0.27	1.20	0.93	≤29.66	PASS
11N40MIMO	Ant2	5710_UNII-3	-1.11	0.06	-1.05	≤29.66	PASS
11N40MIMO	total	5710_UNII-3	---	---	3.06	≤26.65	PASS
11N40MIMO	Ant1	5755	18.23	0.06	18.29	≤29.66	PASS
11N40MIMO	Ant2	5755	17.93	0.06	17.99	≤29.66	PASS
11N40MIMO	total	5755	---	---	21.15	≤26.65	PASS
11N40MIMO	Ant1	5795	18.50	0.06	18.56	≤23.64	PASS
11N40MIMO	Ant2	5795	18.10	0.06	18.16	≤23.64	PASS
11N40MIMO	total	5795	---	---	21.37	≤20.63	PASS
11AC20MIMO	Ant1	5180	5.91	1.22	7.13	≤23.64	PASS
11AC20MIMO	Ant2	5180	5.94	1.22	7.16	≤23.64	PASS

11AC20MIMO	total	5180	---	---	10.16	≤20.63	PASS
11AC20MIMO	Ant1	5200	5.77	1.22	6.99	≤23.64	PASS
11AC20MIMO	Ant2	5200	5.46	1.22	6.68	≤23.64	PASS
11AC20MIMO	total	5200	---	---	9.85	≤20.63	PASS
11AC20MIMO	Ant1	5240	5.80	1.22	7.02	≤23.64	PASS
11AC20MIMO	Ant2	5240	6.43	1.22	7.65	≤23.64	PASS
11AC20MIMO	total	5240	---	---	10.36	≤20.63	PASS
11AC20MIMO	Ant1	5260	10.52	0.09	10.61	≤23.64	PASS
11AC20MIMO	Ant2	5260	10.67	0.09	10.76	≤23.64	PASS
11AC20MIMO	total	5260	---	---	13.70	≤20.63	PASS
11AC20MIMO	Ant1	5280	11.73	0.09	11.82	≤23.64	PASS
11AC20MIMO	Ant2	5280	10.53	0.09	10.62	≤23.64	PASS
11AC20MIMO	total	5280	---	---	14.27	≤20.63	PASS
11AC20MIMO	Ant1	5320	11.64	0.09	11.73	≤23.64	PASS
11AC20MIMO	Ant2	5320	10.83	0.09	10.92	≤23.64	PASS
11AC20MIMO	total	5320	---	---	14.35	≤20.63	PASS
11AC20MIMO	Ant1	5500	10.75	0.09	10.84	≤23.64	PASS
11AC20MIMO	Ant2	5500	12.52	0.09	12.61	≤23.64	PASS
11AC20MIMO	total	5500	---	---	14.82	≤20.63	PASS
11AC20MIMO	Ant1	5580	12.67	0.09	12.76	≤23.64	PASS
11AC20MIMO	Ant2	5580	13.01	0.09	13.10	≤23.64	PASS
11AC20MIMO	total	5580	---	---	15.94	≤20.63	PASS
11AC20MIMO	Ant1	5720_UNII-2C	8.72	0.09	8.81	≤29.66	PASS
11AC20MIMO	Ant2	5720_UNII-2C	8.15	0.09	8.24	≤29.66	PASS
11AC20MIMO	total	5720_UNII-2C	---	---	11.54	≤26.65	PASS
11AC20MIMO	Ant1	5720_UNII-3	2.26	0.09	2.35	≤29.66	PASS
11AC20MIMO	Ant2	5720_UNII-3	1.96	0.09	2.05	≤29.66	PASS
11AC20MIMO	total	5720_UNII-3	---	---	5.21	≤26.65	PASS
11AC20MIMO	Ant1	5745	18.59	0.09	18.68	≤29.66	PASS
11AC20MIMO	Ant2	5745	18.53	0.09	18.62	≤29.66	PASS
11AC20MIMO	total	5745	---	---	21.66	≤26.65	PASS
11AC20MIMO	Ant1	5785	18.75	0.09	18.84	≤29.66	PASS
11AC20MIMO	Ant2	5785	18.47	0.09	18.56	≤29.66	PASS
11AC20MIMO	total	5785	---	---	21.71	≤26.65	PASS
11AC20MIMO	Ant1	5825	18.91	0.09	19.00	≤23.64	PASS
11AC20MIMO	Ant2	5825	18.40	0.09	18.49	≤23.64	PASS
11AC20MIMO	total	5825	---	---	21.76	≤20.63	PASS
11AC40MIMO	Ant1	5190	6.45	1.26	7.71	≤23.64	PASS
11AC40MIMO	Ant2	5190	6.25	1.28	7.53	≤23.64	PASS
11AC40MIMO	total	5190	---	---	10.63	≤20.63	PASS
11AC40MIMO	Ant1	5230	5.74	1.26	7.00	≤23.64	PASS
11AC40MIMO	Ant2	5230	7.07	1.28	8.35	≤23.64	PASS
11AC40MIMO	total	5230	---	---	10.74	≤20.63	PASS
11AC40MIMO	Ant1	5270	10.15	0.11	10.26	≤23.64	PASS
11AC40MIMO	Ant2	5270	11.29	1.28	12.57	≤23.64	PASS
11AC40MIMO	total	5270	---	---	14.58	≤20.63	PASS
11AC40MIMO	Ant1	5310	11.14	0.11	11.25	≤23.64	PASS
11AC40MIMO	Ant2	5310	11.36	1.28	12.64	≤23.64	PASS
11AC40MIMO	total	5310	---	---	15.01	≤20.63	PASS
11AC40MIMO	Ant1	5510	11.81	1.28	13.09	≤23.64	PASS
11AC40MIMO	Ant2	5510	10.47	0.11	10.58	≤23.64	PASS
11AC40MIMO	total	5510	---	---	15.02	≤20.63	PASS
11AC40MIMO	Ant1	5550	11.79	1.28	13.07	≤23.64	PASS
11AC40MIMO	Ant2	5550	12.13	0.11	12.24	≤23.64	PASS
11AC40MIMO	total	5550	---	---	15.69	≤20.63	PASS
11AC40MIMO	Ant1	5710_UNII-2C	9.04	1.28	10.32	≤29.66	PASS
11AC40MIMO	Ant2	5710_UNII-2C	8.72	0.11	8.83	≤29.66	PASS
11AC40MIMO	total	5710_UNII-2C	---	---	12.65	≤26.65	PASS
11AC40MIMO	Ant1	5710_UNII-3	-1.89	1.28	-0.61	≤29.66	PASS

11AC40MIMO	Ant2	5710_UNII-3	-1.68	0.11	-1.57	≤29.66	PASS
11AC40MIMO	total	5710_UNII-3	---	---	1.95	≤26.65	PASS
11AC40MIMO	Ant1	5755	18.27	0.11	18.38	≤29.66	PASS
11AC40MIMO	Ant2	5755	18.02	0.11	18.13	≤29.66	PASS
11AC40MIMO	total	5755	---	---	21.27	≤26.65	PASS
11AC40MIMO	Ant1	5795	18.69	0.11	18.80	≤23.64	PASS
11AC40MIMO	Ant2	5795	18.09	0.11	18.20	≤23.64	PASS
11AC40MIMO	total	5795	---	---	21.52	≤20.63	PASS
11AC80MIMO	Ant1	5210	6.28	0.04	6.32	≤23.64	PASS
11AC80MIMO	Ant2	5210	5.93	0.07	6.00	≤23.64	PASS
11AC80MIMO	total	5210	---	---	9.17	≤20.63	PASS
11AC80MIMO	total	5290	---	---	15.46	≤23.64	PASS
11AC80MIMO	Ant1	5290	10.99	3.05	14.04	≤23.64	PASS
11AC80MIMO	Ant2	5290	9.85	0.08	9.93	≤20.63	PASS
11AC80MIMO	Ant1	5530	10.14	0.07	10.21	≤23.64	PASS
11AC80MIMO	Ant2	5530	10.45	1.25	11.70	≤23.64	PASS
11AC80MIMO	total	5530	---	---	14.03	≤20.63	PASS
11AC80MIMO	Ant1	5690_UNII-2C	11.91	0.07	11.98	≤29.66	PASS
11AC80MIMO	Ant2	5690_UNII-2C	11.64	1.25	12.89	≤29.66	PASS
11AC80MIMO	total	5690_UNII-2C	---	---	15.47	≤26.65	PASS
11AC80MIMO	Ant1	5690_UNII-3	-1.97	0.07	-1.90	≤23.64	PASS
11AC80MIMO	Ant2	5690_UNII-3	-2.08	1.25	-0.83	≤23.64	PASS
11AC80MIMO	total	5690_UNII-3	---	---	1.68	≤20.63	PASS
11AC80MIMO	Ant1	5775	17.60	0.07	17.67	≤23.64	PASS
11AC80MIMO	Ant2	5775	17.71	0.08	17.79	≤23.64	PASS
11AC80MIMO	total	5775	---	---	20.74	≤20.63	PASS
11AX20MIMO	Ant1	5180	3.81	3.01	6.82	≤23.64	PASS
11AX20MIMO	Ant2	5180	4.92	3.24	8.16	≤23.64	PASS
11AX20MIMO	total	5180	---	---	10.55	≤20.63	PASS
11AX20MIMO	Ant1	5200	4.14	3.01	7.15	≤23.64	PASS
11AX20MIMO	Ant2	5200	4.90	3.24	8.14	≤23.64	PASS
11AX20MIMO	total	5200	---	---	10.68	≤20.63	PASS
11AX20MIMO	Ant1	5240	3.97	3.01	6.98	≤23.64	PASS
11AX20MIMO	Ant2	5240	5.09	3.24	8.33	≤23.64	PASS
11AX20MIMO	total	5240	---	---	10.72	≤20.63	PASS
11AX20MIMO	Ant1	5260	9.08	3.01	12.09	≤23.64	PASS
11AX20MIMO	Ant2	5260	8.88	3.24	12.12	≤23.64	PASS
11AX20MIMO	total	5260	---	---	15.12	≤20.63	PASS
11AX20MIMO	Ant1	5280	8.99	3.01	12.00	≤23.64	PASS
11AX20MIMO	Ant2	5280	8.83	3.24	12.07	≤23.64	PASS
11AX20MIMO	total	5280	---	---	15.05	≤20.63	PASS
11AX20MIMO	Ant1	5320	8.84	3.01	11.85	≤23.64	PASS
11AX20MIMO	Ant2	5320	9.17	3.24	12.41	≤23.64	PASS
11AX20MIMO	total	5320	---	---	15.15	≤20.63	PASS
11AX20MIMO	Ant1	5500	9.30	3.24	12.54	≤23.64	PASS
11AX20MIMO	Ant2	5500	9.37	3.01	12.38	≤23.64	PASS
11AX20MIMO	total	5500	---	---	15.47	≤20.63	PASS
11AX20MIMO	Ant1	5580	9.70	3.24	12.94	≤29.66	PASS
11AX20MIMO	Ant2	5580	9.81	3.01	12.82	≤29.66	PASS
11AX20MIMO	total	5580	---	---	15.89	≤26.65	PASS
11AX20MIMO	Ant1	5720_UNII-2C	-2.12	3.24	1.12	≤29.66	PASS
11AX20MIMO	Ant2	5720_UNII-2C	-2.57	3.01	0.44	≤29.66	PASS
11AX20MIMO	total	5720_UNII-2C	---	---	3.80	≤26.65	PASS
11AX20MIMO	Ant1	5720_UNII-3	-6.74	3.24	-3.50	≤29.66	PASS
11AX20MIMO	Ant2	5720_UNII-3	-7.21	3.01	-4.20	≤29.66	PASS
11AX20MIMO	total	5720_UNII-3	---	---	-0.83	≤26.65	PASS
11AX20MIMO	Ant1	5745	15.74	3.01	18.75	≤29.66	PASS
11AX20MIMO	Ant2	5745	15.72	3.01	18.73	≤29.66	PASS
11AX20MIMO	total	5745	---	---	21.75	≤26.65	PASS

11AX20MIMO	Ant1	5785	15.89	3.01	18.90	≤23.64	PASS
11AX20MIMO	Ant2	5785	15.83	3.01	18.84	≤23.64	PASS
11AX20MIMO	total	5785	---	---	21.88	≤20.63	PASS
11AX20MIMO	Ant1	5825	18.32	3.01	21.33	≤23.64	PASS
11AX20MIMO	Ant2	5825	18.04	3.01	21.05	≤23.64	PASS
11AX20MIMO	total	5825	---	---	24.20	≤20.63	PASS
11AX40MIMO	Ant1	5190	3.57	3.24	6.81	≤23.64	PASS
11AX40MIMO	Ant2	5190	3.52	3.24	6.76	≤23.64	PASS
11AX40MIMO	total	5190	---	---	9.80	≤20.63	PASS
11AX40MIMO	Ant1	5230	3.34	3.24	6.58	≤23.64	PASS
11AX40MIMO	Ant2	5230	4.05	3.24	7.29	≤23.64	PASS
11AX40MIMO	total	5230	---	---	9.96	≤20.63	PASS
11AX40MIMO	Ant1	5270	8.31	3.24	11.55	≤23.64	PASS
11AX40MIMO	Ant2	5270	8.00	3.24	11.24	≤23.64	PASS
11AX40MIMO	total	5270	---	---	14.41	≤20.63	PASS
11AX40MIMO	Ant1	5310	8.09	3.24	11.33	≤23.64	PASS
11AX40MIMO	Ant2	5310	8.03	3.24	11.27	≤23.64	PASS
11AX40MIMO	total	5310	---	---	14.31	≤20.63	PASS
11AX40MIMO	Ant1	5510	8.50	3.24	11.74	≤23.64	PASS
11AX40MIMO	Ant2	5510	8.63	3.24	11.87	≤23.64	PASS
11AX40MIMO	total	5510	---	---	14.82	≤20.63	PASS
11AX40MIMO	Ant1	5550	8.50	3.24	11.74	≤29.66	PASS
11AX40MIMO	Ant2	5550	8.72	3.24	11.96	≤29.66	PASS
11AX40MIMO	total	5550	---	---	14.86	≤26.65	PASS
11AX40MIMO	Ant1	5710_UNII-2C	-1.07	3.24	2.17	≤29.66	PASS
11AX40MIMO	Ant2	5710_UNII-2C	-1.37	3.24	1.87	≤29.66	PASS
11AX40MIMO	total	5710_UNII-2C	---	---	5.03	≤26.65	PASS
11AX40MIMO	Ant1	5710_UNII-3	-8.39	3.24	-5.15	≤29.66	PASS
11AX40MIMO	Ant2	5710_UNII-3	-8.44	3.24	-5.20	≤29.66	PASS
11AX40MIMO	total	5710_UNII-3	---	---	-2.16	≤26.65	PASS
11AX40MIMO	Ant1	5755	17.47	1.21	18.68	≤23.64	PASS
11AX40MIMO	Ant2	5755	17.40	1.21	18.61	≤23.64	PASS
11AX40MIMO	total	5755	---	---	21.66	≤20.63	PASS
11AX40MIMO	Ant1	5795	17.86	1.21	19.07	≤23.64	PASS
11AX40MIMO	Ant2	5795	17.28	1.21	18.49	≤23.64	PASS
11AX40MIMO	total	5795	---	---	21.80	≤20.63	PASS
11AX80MIMO	Ant1	5210	4.25	3.27	7.52	≤23.64	PASS
11AX80MIMO	Ant2	5210	4.84	3.52	8.36	≤23.64	PASS
11AX80MIMO	total	5210	---	---	10.97	≤20.63	PASS
11AX80MIMO	Ant1	5290	7.73	3.52	11.25	≤23.64	PASS
11AX80MIMO	Ant2	5290	7.63	4.10	11.73	≤23.64	PASS
11AX80MIMO	total	5290	---	---	14.51	≤20.63	PASS
11AX80MIMO	Ant1	5530	8.05	3.27	11.32	≤29.66	PASS
11AX80MIMO	Ant2	5530	8.15	3.52	11.67	≤29.66	PASS
11AX80MIMO	total	5530	---	---	14.51	≤26.65	PASS
11AX80MIMO	Ant1	5690_UNII-2C	-0.19	3.27	3.08	≤23.64	PASS
11AX80MIMO	Ant2	5690_UNII-2C	-0.36	3.52	3.16	≤23.64	PASS
11AX80MIMO	total	5690_UNII-2C	---	---	6.13	≤23.64	PASS
11AX80MIMO	Ant1	5690_UNII-3	-7.82	3.27	-4.55	≤23.64	PASS
11AX80MIMO	Ant2	5690_UNII-3	-7.91	3.52	-4.39	≤23.64	PASS
11AX80MIMO	total	5690_UNII-3	---	---	-1.46	≤23.64	PASS
11AX80MIMO	Ant1	5775	16.37	1.84	18.21	≤23.64	PASS
11AX80MIMO	Ant2	5775	16.32	1.84	18.16	≤23.64	PASS
11AX80MIMO	total	5775	---	---	21.20	≤23.64	PASS

Note： The EUT incorporates a MIMO function. Physically, the EUT provides two antennas for transmitting and receiving.
When ANT.1 and ANT. 2 transmitting simultaneously, and the
Directional Gain=9.35dBi＞6dBi. (Ant.1: 6.34dBi; Ant.2: 6.34dBi) For U-NII-1: 5180MHz-5240MHz
Directional Gain=9.35dBi＞6dBi. (Ant.1: 6.34dBi; Ant.2: 6.34dBi) For U-NII-2A: 5240MHz-5320MHz

Directional Gain=9.35dBi＞6dBi. (Ant.1: 6.34dBi; Ant.2: 6.34dBi) For U-NII-2C: 5500MHz-5720MHz Directional Gain=9.35dBi＞6dBi. (Ant.1: 6.34dBi; Ant.2: 6.34dBi) For U-NII-3: 5745MHz-5825MHz So P_{out} = P_{limit}-(G_{TX}-6)]=(23.98-3.35)dBm =20.63dBm For U-NII-1: 5180MHz-5240MHz So P_{out} = P_{limit}-(G_{TX}-6)]=(23.98-3.35)dBm =20.63dBm For U-NII-2A: 5260MHz-5320MHz So P_{out} = P_{limit}-(G_{TX}-6)]=(23.98-3.35)dBm =20.63dBm For U-NII-2C: 5500MHz-5720MHz So P_{out} = P_{limit}-(G_{TX}-6)]=(30-3.35)dBm=26.65dBm For U-NII-3: 5745MHz-5825MHz
For MIMO mode: Directional Gain=ANT. Gain+10*LOG(NANT)
Note： The EUT incorporates a CDD function. Physically, the EUT provides two antennas for transmitting and receiving. When ANT.1 and ANT. 2 transmitting simultaneously, and the Directional Gain=6.34dBi＞6dBi. (Ant.1: 6.34dBi; Ant.2: 6.34dBi) For U-NII-1: 5180MHz-5240MHz Directional Gain=6.34dBi＞6dBi. (Ant.1: 6.34dBi; Ant.2: 6.34dBi) For U-NII-2A: 5240MHz-5320MHz Directional Gain=6.34dBi＞6dBi. (Ant.1: 6.34dBi; Ant.2: 6.34dBi) For U-NII-2C: 5500MHz-5720MHz Directional Gain=6.34dBi＞6dBi. (Ant.1: 6.34dBi; Ant.2: 6.34dBi) For U-NII-3: 5745MHz-5825MHz So P_{out} = P_{limit}-(G_{TX}-6)]=(23.98-0.34)dBm =23.64dBm For U-NII-1: 5180MHz-5240MHz So P_{out} = P_{limit}-(G_{TX}-6)]=(23.98-0.34)dBm =23.64dBm For U-NII-2A: 5260MHz-5320MHz So P_{out} = P_{limit}-(G_{TX}-6)]=(23.98-0.34)dBm =23.64dBm For U-NII-2C: 5500MHz-5720MHz So P_{out} = P_{limit}-(G_{TX}-6)]=(30-0.34)dBm=29.66dBm For U-NII-3: 5745MHz-5825MHz
For CDD mode: Directional gain =ANT. Gain + Array Gain 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-CDD	Ant1	5180	-3.11	0.06	-3.05	≤10.66	PASS
11A-CDD	Ant2	5180	-3.36	1.22	-2.14	≤10.66	PASS
11A-CDD	total	5180	---	---	0.44	≤7.65	PASS
11A-CDD	Ant1	5200	-3.28	0.06	-3.22	≤10.66	PASS
11A-CDD	Ant2	5200	-3.14	1.23	-1.91	≤10.66	PASS
11A-CDD	total	5200	---	---	0.49	≤7.65	PASS
11A-CDD	Ant1	5240	-4.21	0.06	-4.15	≤10.66	PASS
11A-CDD	Ant2	5240	-3.65	0.05	-3.60	≤10.66	PASS
11A-CDD	total	5240	---	---	-0.86	≤7.65	PASS
11A-CDD	Ant1	5260	1.89	0.04	1.93	≤10.66	PASS
11A-CDD	Ant2	5260	2.39	1.20	3.59	≤10.66	PASS
11A-CDD	total	5260	---	---	5.85	≤7.65	PASS
11A-CDD	Ant1	5280	0.34	0.08	0.42	≤10.66	PASS
11A-CDD	Ant2	5280	0.73	0.05	0.78	≤10.66	PASS
11A-CDD	total	5280	---	---	3.61	≤7.65	PASS
11A-CDD	Ant1	5320	1.43	0.06	1.49	≤10.66	PASS
11A-CDD	Ant2	5320	1.85	0.06	1.91	≤10.66	PASS
11A-CDD	total	5320	---	---	4.72	≤7.65	PASS
11A-CDD	Ant1	5500	2.94	0.04	2.98	≤10.66	PASS
11A-CDD	Ant2	5500	3.13	0.04	3.17	≤10.66	PASS
11A-CDD	total	5500	---	---	6.09	≤7.65	PASS
11A-CDD	Ant1	5580	3.01	0.05	3.06	≤10.66	PASS
11A-CDD	Ant2	5580	2.71	0.06	2.77	≤10.66	PASS
11A-CDD	total	5580	---	---	5.93	≤7.65	PASS
11A-CDD	Ant1	5720_UNII-2C	2.68	1.23	3.91	≤10.66	PASS
11A-CDD	Ant2	5720_UNII-2C	3.23	1.23	4.46	≤10.66	PASS
11A-CDD	total	5720_UNII-2C	---	---	7.20	≤7.65	PASS
11A-CDD	Ant1	5720_UNII-3	-1.07	1.23	0.16	≤29.66	PASS
11A-CDD	Ant2	5720_UNII-3	-1.85	1.23	-0.62	≤29.66	PASS
11A-CDD	total	5720_UNII-3	---	---	2.80	≤26.65	PASS
11A-CDD	Ant1	5745	6.15	0.02	6.17	≤29.66	PASS
11A-CDD	Ant2	5745	5.56	0.02	5.58	≤29.66	PASS
11A-CDD	total	5745	---	---	8.90	≤26.65	PASS
11A-CDD	Ant1	5785	6.01	0.06	6.07	≤29.66	PASS
11A-CDD	Ant2	5785	5.62	0.06	5.68	≤29.66	PASS
11A-CDD	total	5785	---	---	8.89	≤26.65	PASS
11A-CDD	Ant1	5825	5.95	0.06	6.01	≤29.66	PASS
11A-CDD	Ant2	5825	5.71	0.06	5.77	≤29.66	PASS
11A-CDD	total	5825	---	---	8.90	≤26.65	PASS
11N20MIMO	Ant1	5180	-5.37	0.09	-5.28	≤10.66	PASS

11N20MIMO	Ant2	5180	-5.3	0.09	-5.21	≤10.66	PASS
11N20MIMO	total	5180	---	---	-2.23	≤7.65	PASS
11N20MIMO	Ant1	5200	-3.16	1.26	-1.90	≤10.66	PASS
11N20MIMO	Ant2	5200	-3.3	0.11	-3.19	≤10.66	PASS
11N20MIMO	total	5200	---	---	0.51	≤7.65	PASS
11N20MIMO	Ant1	5240	-3.29	1.27	-2.02	≤10.66	PASS
11N20MIMO	Ant2	5240	-2.97	1.26	-1.71	≤10.66	PASS
11N20MIMO	total	5240	---	---	1.15	≤7.65	PASS
11N20MIMO	Ant1	5260	1.22	0.04	1.26	≤10.66	PASS
11N20MIMO	Ant2	5260	1.29	0.09	1.38	≤10.66	PASS
11N20MIMO	total	5260	---	---	4.33	≤7.65	PASS
11N20MIMO	Ant1	5280	0.87	0.11	0.98	≤10.66	PASS
11N20MIMO	Ant2	5280	0.27	0.12	0.39	≤10.66	PASS
11N20MIMO	total	5280	---	---	3.71	≤7.65	PASS
11N20MIMO	Ant1	5320	1.18	0.11	1.29	≤10.66	PASS
11N20MIMO	Ant2	5320	1.78	0.11	1.89	≤10.66	PASS
11N20MIMO	total	5320	---	---	4.61	≤7.65	PASS
11N20MIMO	Ant1	5500	2.59	0.09	2.68	≤10.66	PASS
11N20MIMO	Ant2	5500	2.2	0.09	2.29	≤10.66	PASS
11N20MIMO	total	5500	---	---	5.50	≤7.65	PASS
11N20MIMO	Ant1	5580	1.87	0.12	1.99	≤10.66	PASS
11N20MIMO	Ant2	5580	2.98	1.26	4.24	≤10.66	PASS
11N20MIMO	total	5580	---	---	6.27	≤7.65	PASS
11N20MIMO	Ant1	5720_UNII-2C	3.88	1.27	5.15	≤10.66	PASS
11N20MIMO	Ant2	5720_UNII-2C	3.26	0.12	3.38	≤10.66	PASS
11N20MIMO	total	5720_UNII-2C	---	---	7.36	≤7.65	PASS
11N20MIMO	Ant1	5720_UNII-3	-2.36	1.27	-1.09	≤29.66	PASS
11N20MIMO	Ant2	5720_UNII-3	-3.11	0.12	-2.99	≤29.66	PASS
11N20MIMO	total	5720_UNII-3	---	---	1.07	≤26.65	PASS
11N20MIMO	Ant1	5745	5.64	0.09	5.73	≤29.66	PASS
11N20MIMO	Ant2	5745	5.32	0.09	5.41	≤29.66	PASS
11N20MIMO	total	5745	---	---	8.58	≤26.65	PASS
11N20MIMO	Ant1	5785	5.59	0.11	5.70	≤29.66	PASS
11N20MIMO	Ant2	5785	5.25	0.11	5.36	≤29.66	PASS
11N20MIMO	total	5785	---	---	8.54	≤26.65	PASS
11N20MIMO	Ant1	5825	5.57	0.11	5.68	≤29.66	PASS
11N20MIMO	Ant2	5825	5.15	0.11	5.26	≤29.66	PASS
11N20MIMO	total	5825	---	---	8.49	≤26.65	PASS
11N40MIMO	Ant1	5190	-8.18	1.20	-6.98	≤10.66	PASS
11N40MIMO	Ant2	5190	-8.17	1.22	-6.95	≤10.66	PASS
11N40MIMO	total	5190	---	---	-3.95	≤7.65	PASS
11N40MIMO	Ant1	5230	-7.2	0.08	-7.12	≤10.66	PASS
11N40MIMO	Ant2	5230	-7.42	1.23	-6.19	≤10.66	PASS
11N40MIMO	total	5230	---	---	-3.62	≤7.65	PASS
11N40MIMO	Ant1	5270	-1.7	0.06	-1.64	≤10.66	PASS