



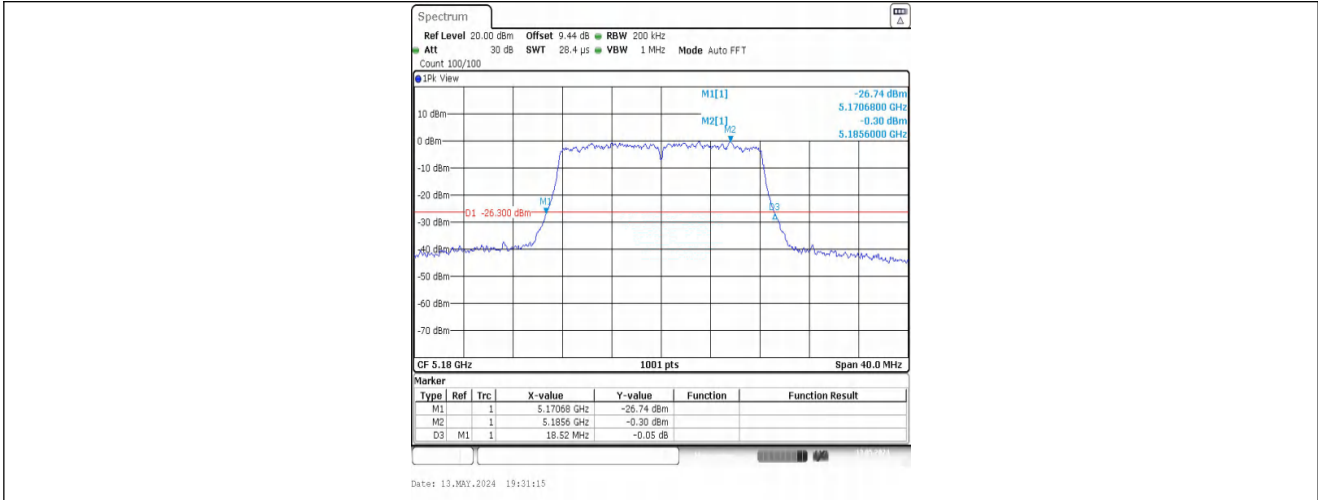
Appendix A1: Emission Bandwidth

Test Result

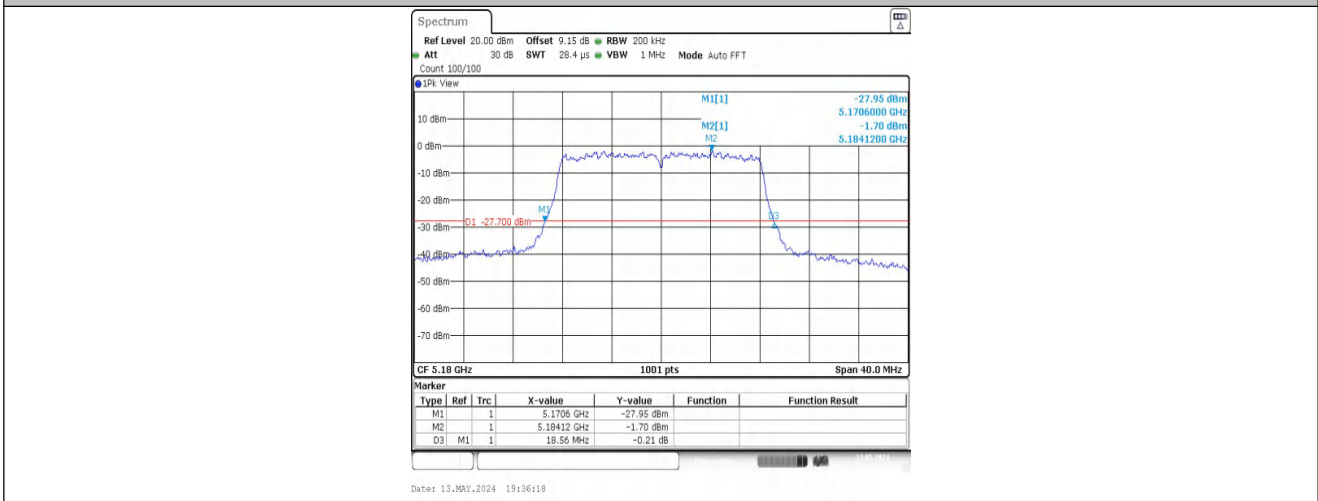
Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	18.52	5170.68	5189.20	---	---
11A-CDD	Ant2	5180	18.56	5170.60	5189.16	---	---
11A-CDD	Ant1	5200	18.56	5190.64	5209.20	---	---
11A-CDD	Ant2	5200	18.60	5190.60	5209.20	---	---
11A-CDD	Ant1	5240	18.52	5230.68	5249.20	---	---
11A-CDD	Ant2	5240	18.52	5230.64	5249.16	---	---
11A-CDD	Ant1	5745	18.44	5735.76	5754.20	---	---
11A-CDD	Ant2	5745	21.96	5734.16	5756.12	---	---
11A-CDD	Ant1	5785	18.64	5775.64	5794.28	---	---
11A-CDD	Ant2	5785	22.92	5774.12	5797.04	---	---
11A-CDD	Ant1	5825	19.88	5814.36	5834.24	---	---
11A-CDD	Ant2	5825	21.52	5814.08	5835.60	---	---
11N20MIMO	Ant1	5180	19.52	5170.20	5189.72	---	---
11N20MIMO	Ant2	5180	19.60	5170.20	5189.80	---	---
11N20MIMO	Ant1	5200	19.48	5190.24	5209.72	---	---
11N20MIMO	Ant2	5200	19.52	5190.24	5209.76	---	---
11N20MIMO	Ant1	5240	19.52	5230.24	5249.76	---	---
11N20MIMO	Ant2	5240	19.52	5230.24	5249.76	---	---
11N20MIMO	Ant1	5745	19.48	5735.24	5754.72	---	---
11N20MIMO	Ant2	5745	19.52	5735.24	5754.76	---	---
11N20MIMO	Ant1	5785	19.56	5775.24	5794.80	---	---
11N20MIMO	Ant2	5785	19.64	5775.16	5794.80	---	---
11N20MIMO	Ant1	5825	19.40	5815.28	5834.68	---	---
11N20MIMO	Ant2	5825	19.72	5815.20	5834.92	---	---
11N40MIMO	Ant1	5190	41.28	5169.44	5210.72	---	---
11N40MIMO	Ant2	5190	41.76	5169.12	5210.88	---	---
11N40MIMO	Ant1	5230	41.68	5209.36	5251.04	---	---
11N40MIMO	Ant2	5230	41.76	5209.12	5250.88	---	---
11N40MIMO	Ant1	5755	41.92	5734.36	5776.28	---	---
11N40MIMO	Ant2	5755	41.92	5734.36	5776.28	---	---
11N40MIMO	Ant1	5795	41.60	5774.20	5815.80	---	---
11N40MIMO	Ant2	5795	41.76	5774.20	5815.96	---	---
11AC80MIMO	Ant1	5210	80.64	5169.36	5250.00	---	---
11AC80MIMO	Ant2	5210	80.48	5169.52	5250.00	---	---
11AC80MIMO	Ant1	5775	80.00	5735.16	5815.16	---	---
11AC80MIMO	Ant2	5775	81.44	5735.00	5816.44	---	---



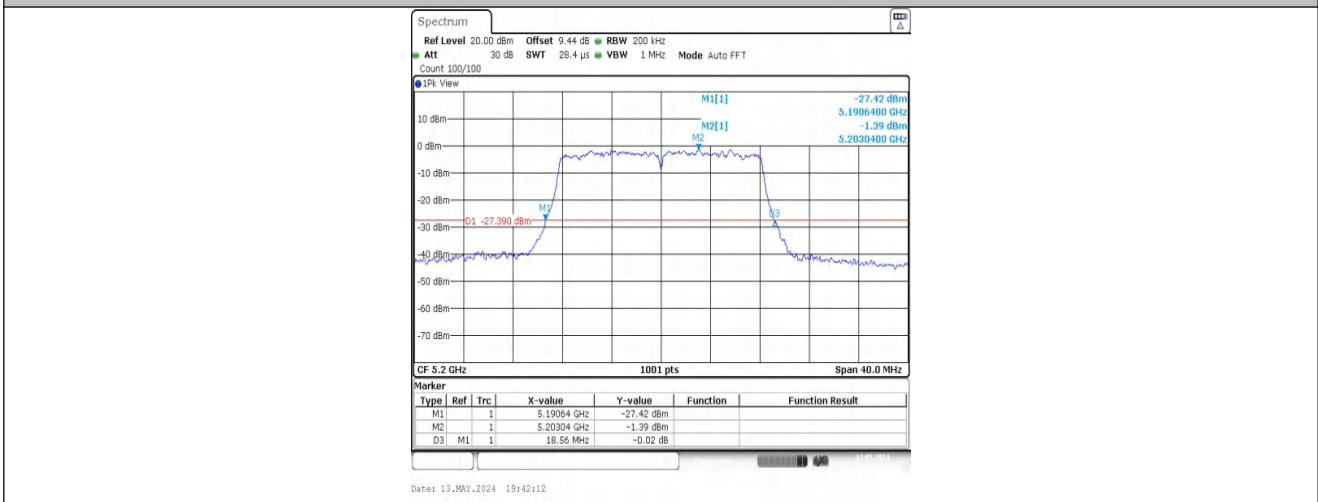
Test Graphs



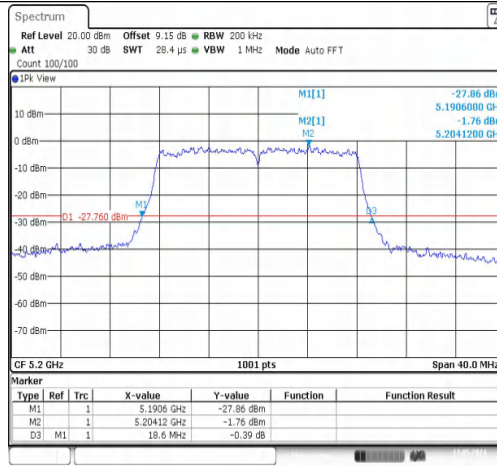
11A-CDD-Ant1-5180



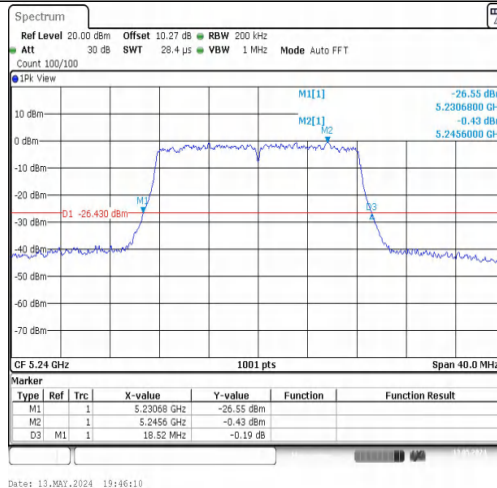
11A-CDD-Ant2-5180



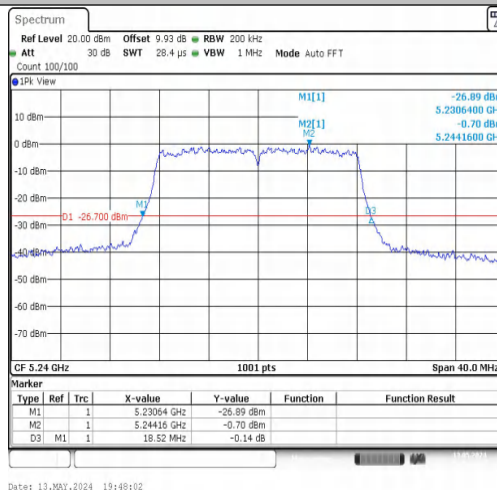
11A-CDD-Ant1-5200



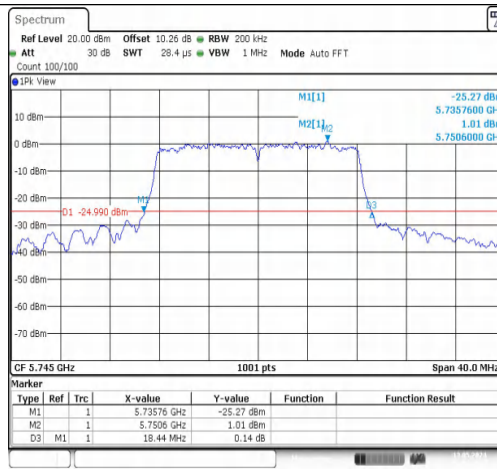
11A-CDD-Ant2-5200



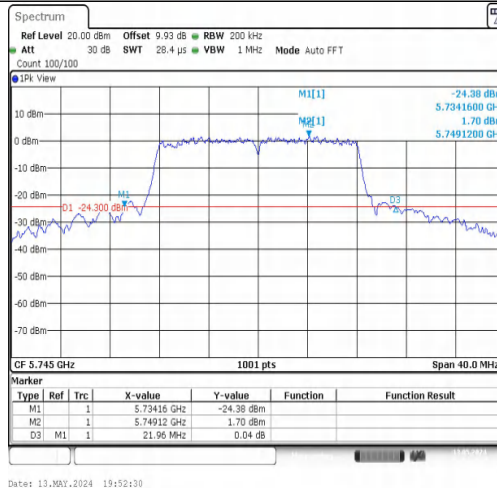
11A-CDD-Ant1-5240



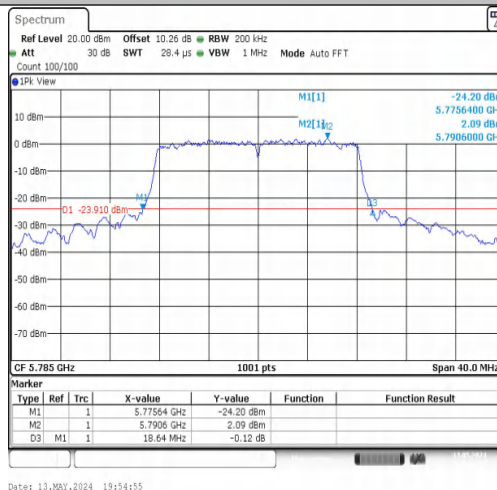
11A-CDD-Ant2-5240



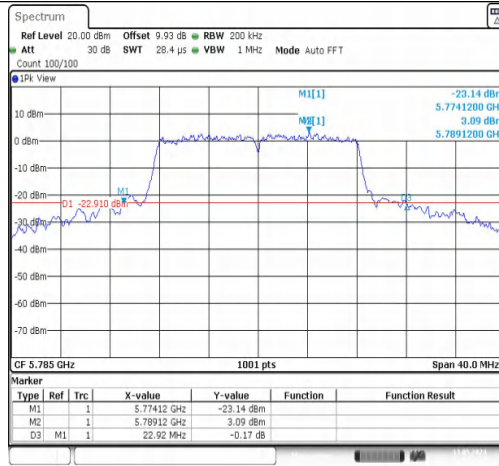
11A-CDD-Ant1-5745



11A-CDD-Ant2-5745

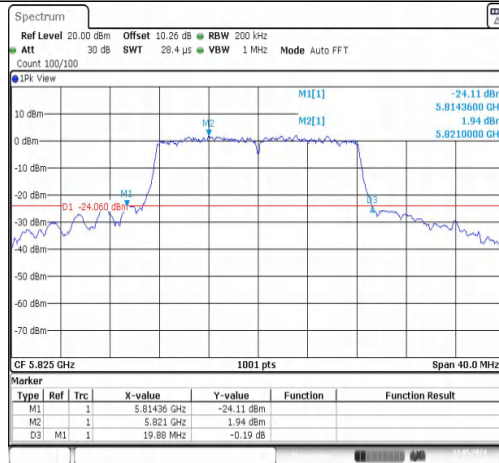


11A-CDD-Ant1-5785



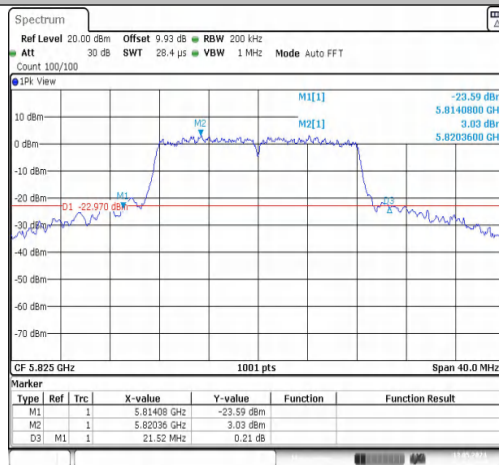
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11A-CDD-Ant2-5785



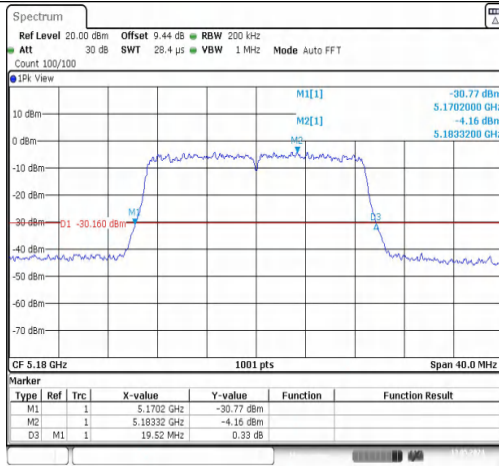
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11A-CDD-Ant1-5825

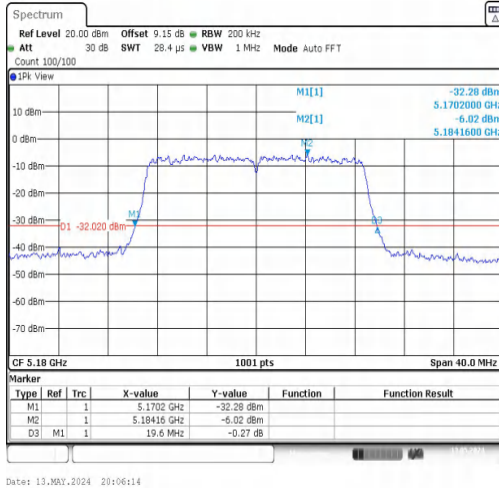


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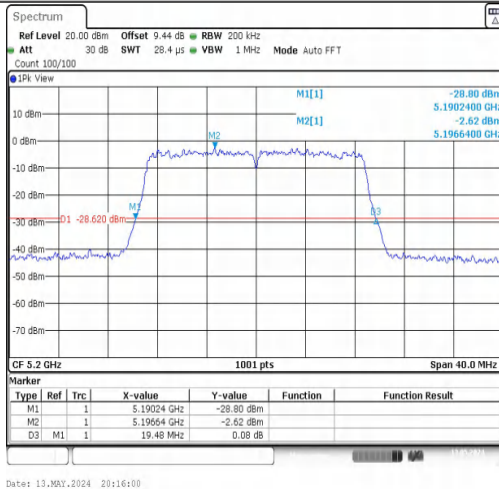
11A-CDD-Ant2-5825



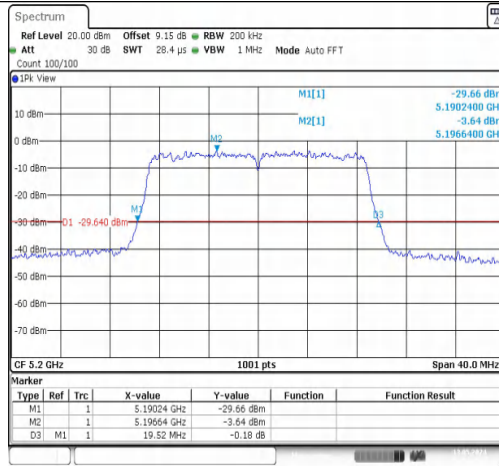
11N20MIMO-Ant1-5180



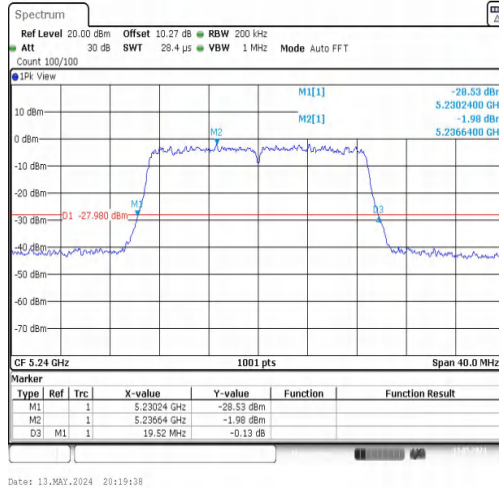
11N20MIMO-Ant2-5180



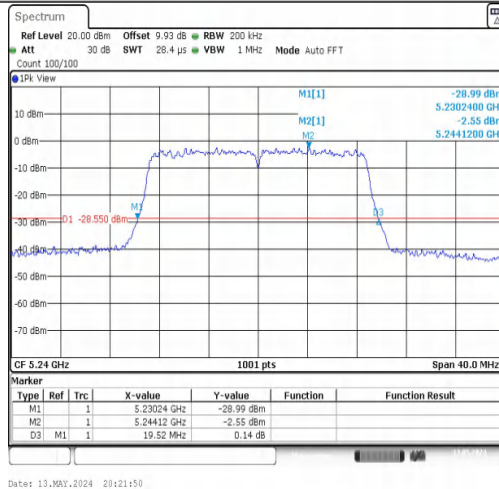
11N20MIMO-Ant1-5200



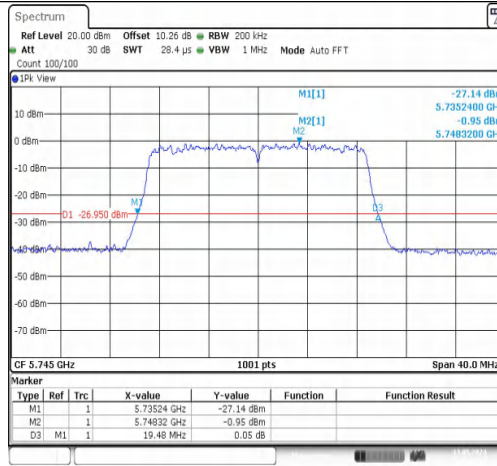
11N20MIMO-Ant2-5200



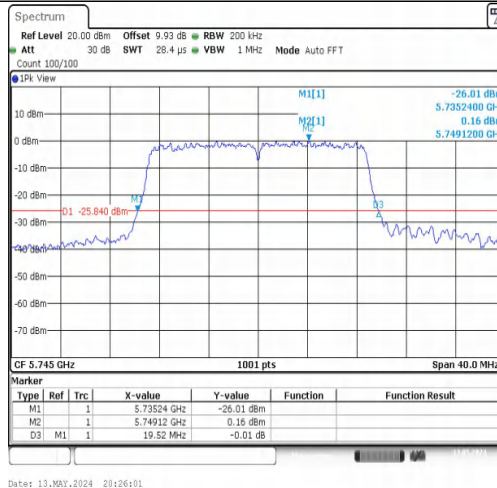
11N20MIMO-Ant1-5240



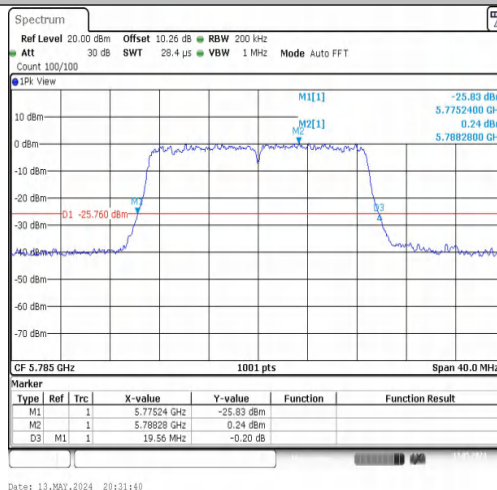
11N20MIMO-Ant2-5240



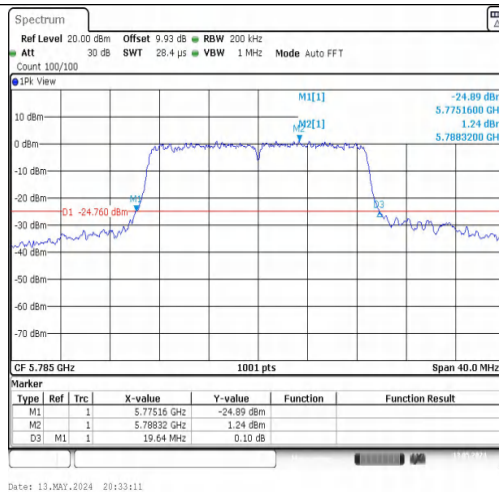
11N20MIMO-Ant1-5745



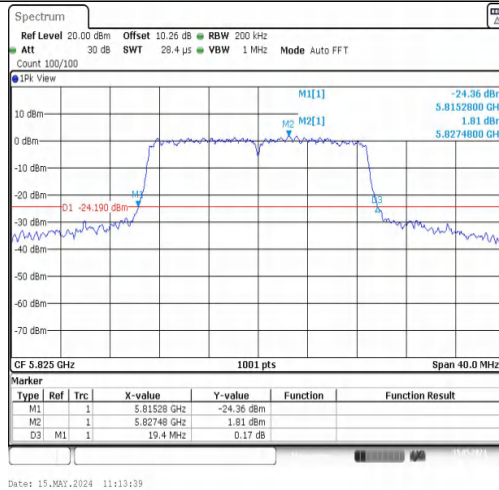
11N20MIMO-Ant2-5745



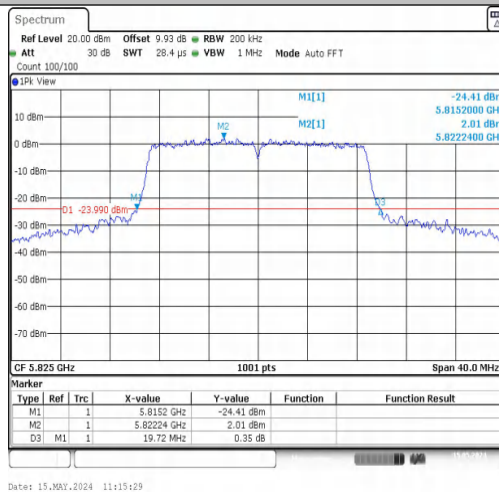
11N20MIMO-Ant1-5785



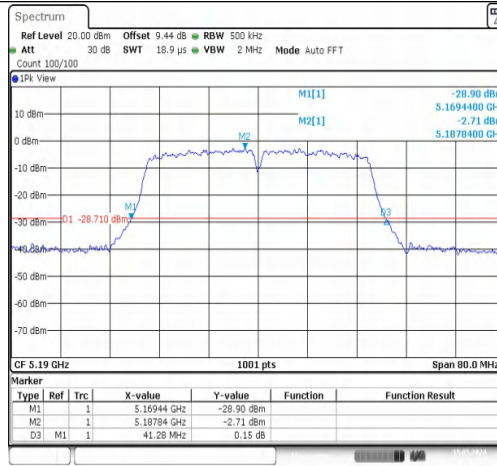
11N20MIMO-Ant2-5785



11N20MIMO-Ant1-5825

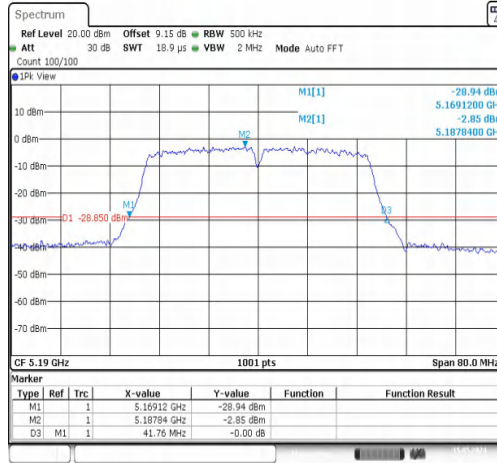


11N20MIMO-Ant2-5825



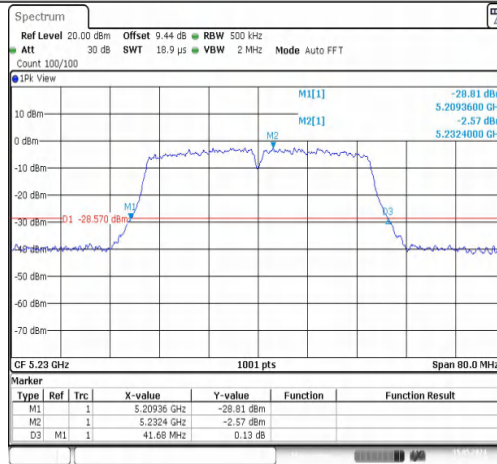
Date: 15.MAY.2024 11:18:55

11N40MIMO-Ant1-5190



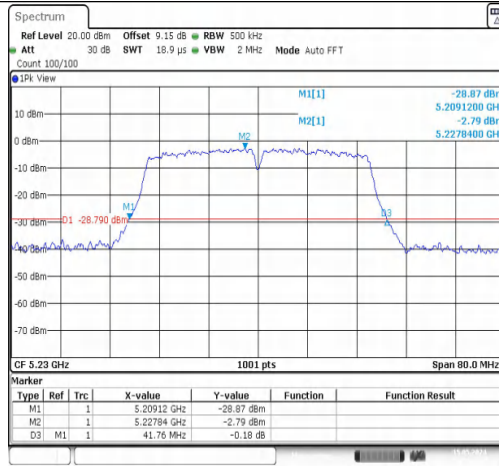
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11N40MIMO-Ant2-5190

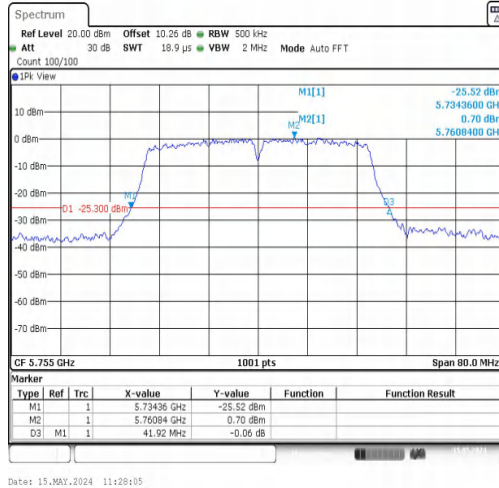


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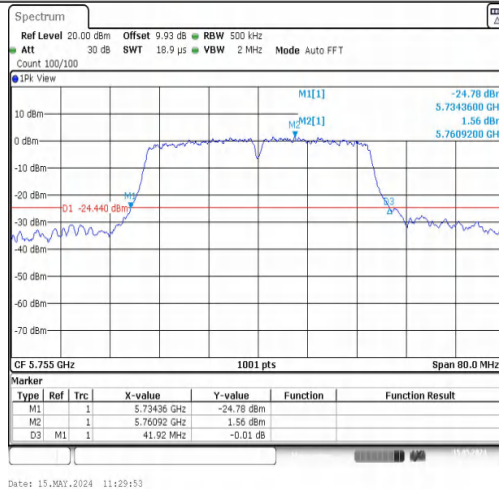
11N40MIMO-Ant1-5230



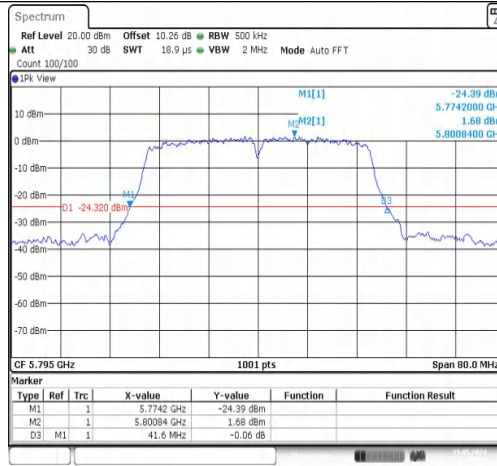
11N40MIMO-Ant2-5230



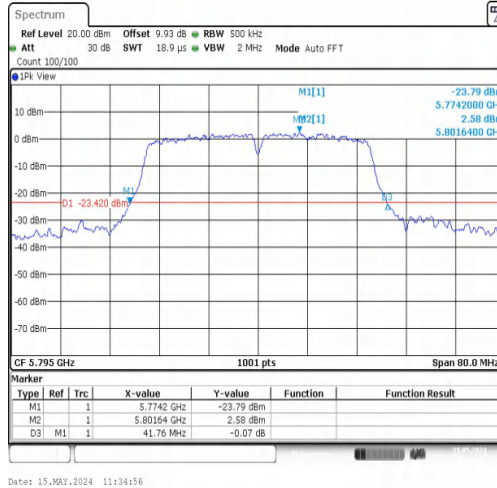
11N40MIMO-Ant1-5755



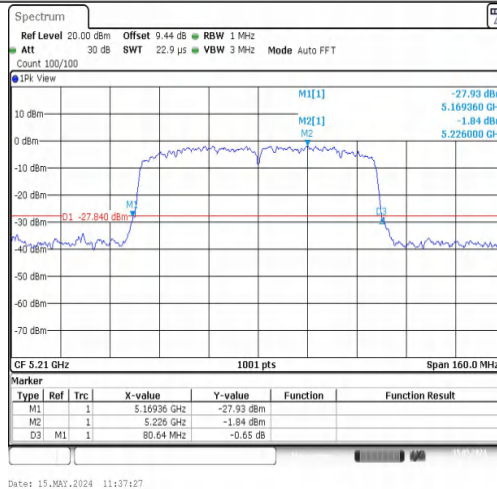
11N40MIMO-Ant2-5755



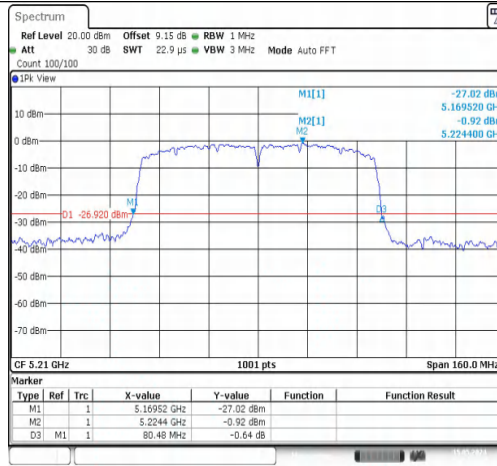
11N40MIMO-Ant1-5795



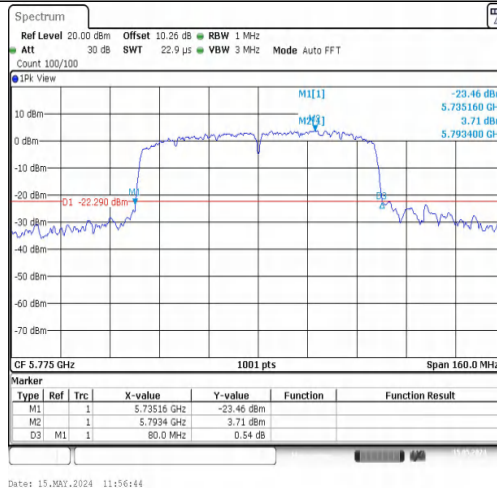
11N40MIMO-Ant2-5795



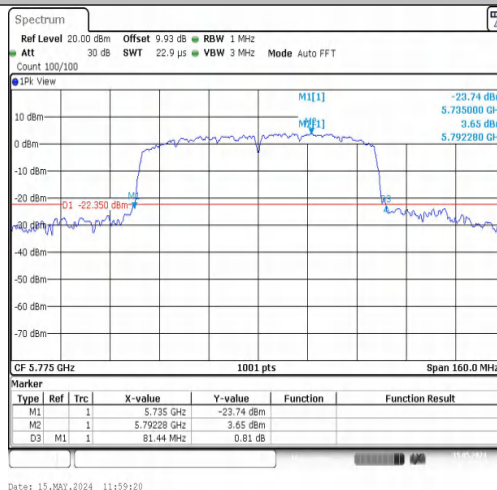
11AC80MIMO-Ant1-5210



11AC80MIMO-Ant2-5210



11AC80MIMO-Ant1-5775



11AC80MIMO-Ant2-5775



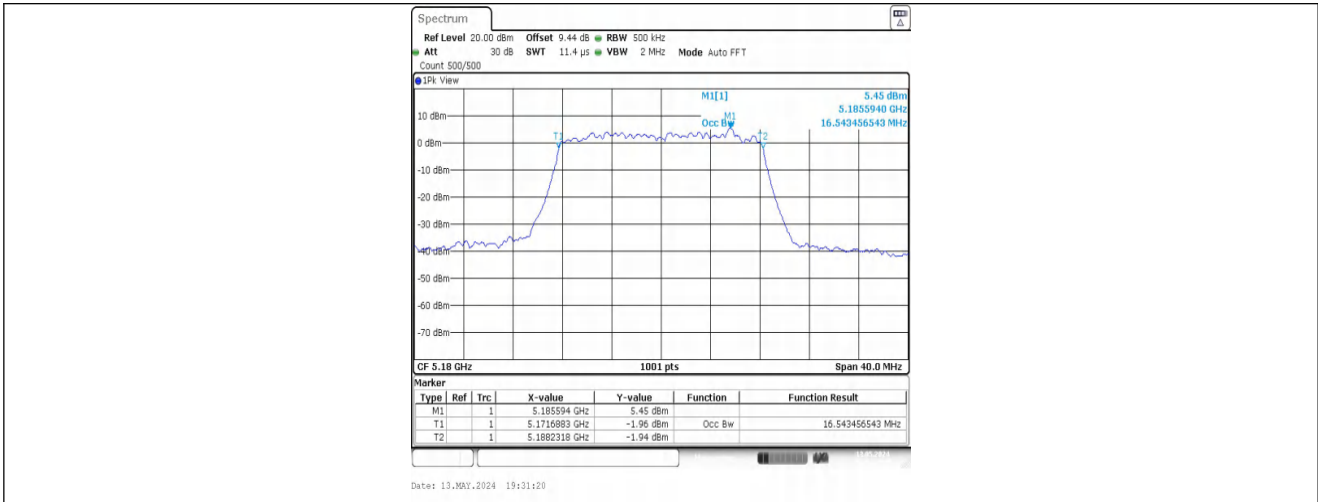
Appendix A2: Occupied channel bandwidth

Test Result

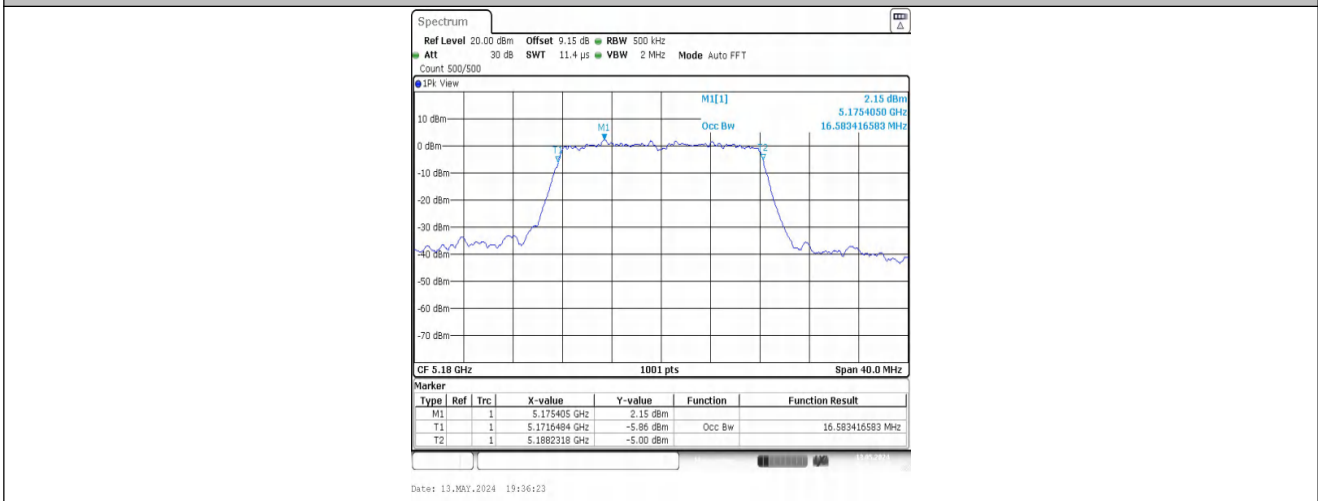
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	16.543	5171.6883	5188.2318	---	---
11A-CDD	Ant2	5180	16.583	5171.6484	5188.2318	---	---
11A-CDD	Ant1	5200	16.503	5191.7283	5208.2318	---	---
11A-CDD	Ant2	5200	16.503	5191.7283	5208.2318	---	---
11A-CDD	Ant1	5240	16.503	5231.7283	5248.2318	---	---
11A-CDD	Ant2	5240	16.583	5231.6883	5248.2717	---	---
11A-CDD	Ant1	5745	16.543	5736.6883	5753.2318	---	---
11A-CDD	Ant2	5745	16.823	5736.5684	5753.3916	---	---
11A-CDD	Ant1	5785	16.543	5776.6883	5793.2318	---	---
11A-CDD	Ant2	5785	16.943	5776.4885	5793.4316	---	---
11A-CDD	Ant1	5825	16.543	5816.6883	5833.2318	---	---
11A-CDD	Ant2	5825	16.703	5816.6084	5833.3117	---	---
11N20MIMO	Ant2	5180	17.662	5171.1289	5188.7912	---	---
11N20MIMO	Ant1	5180	17.702	5171.1289	5188.8312	---	---
11N20MIMO	Ant1	5200	17.702	5191.1289	5208.8312	---	---
11N20MIMO	Ant2	5200	17.662	5191.1289	5208.7912	---	---
11N20MIMO	Ant1	5240	17.702	5231.1289	5248.8312	---	---
11N20MIMO	Ant2	5240	17.702	5231.1289	5248.8312	---	---
11N20MIMO	Ant1	5745	17.662	5736.1289	5753.7912	---	---
11N20MIMO	Ant2	5745	17.622	5736.1688	5753.7912	---	---
11N20MIMO	Ant1	5785	17.662	5776.1688	5793.8312	---	---
11N20MIMO	Ant2	5785	17.702	5776.1289	5793.8312	---	---
11N20MIMO	Ant1	5825	17.662	5816.1289	5833.7912	---	---
11N20MIMO	Ant2	5825	17.742	5816.0889	5833.8312	---	---
11N40MIMO	Ant1	5190	36.044	5171.9381	5207.9820	---	---
11N40MIMO	Ant2	5190	36.444	5171.8581	5208.3017	---	---
11N40MIMO	Ant1	5230	36.523	5211.8581	5248.3816	---	---
11N40MIMO	Ant2	5230	36.284	5211.8581	5248.1419	---	---
11N40MIMO	Ant1	5755	36.284	5737.0180	5773.3017	---	---
11N40MIMO	Ant2	5755	36.284	5736.9381	5773.2218	---	---
11N40MIMO	Ant1	5795	36.284	5776.8581	5813.1419	---	---
11N40MIMO	Ant2	5795	36.523	5776.8581	5813.3816	---	---
11AC80MIMO	Ant1	5210	74.805	5172.7572	5247.5624	---	---
11AC80MIMO	Ant2	5210	75.285	5172.4376	5247.7223	---	---
11AC80MIMO	Ant1	5775	74.805	5737.9171	5812.7223	---	---
11AC80MIMO	Ant2	5775	74.645	5738.0769	5812.7223	---	---



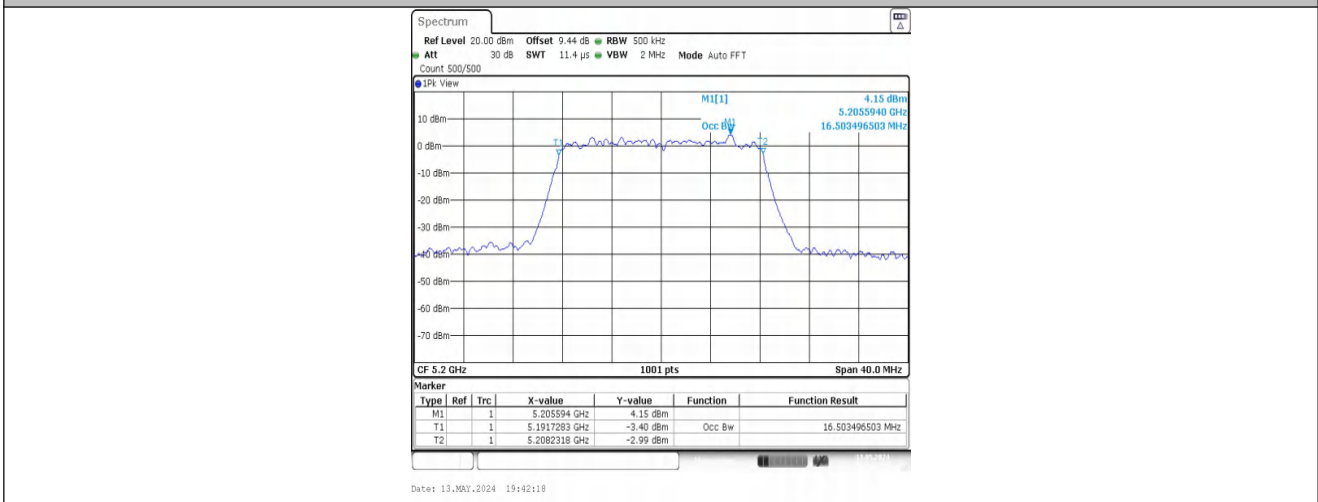
Test Graphs



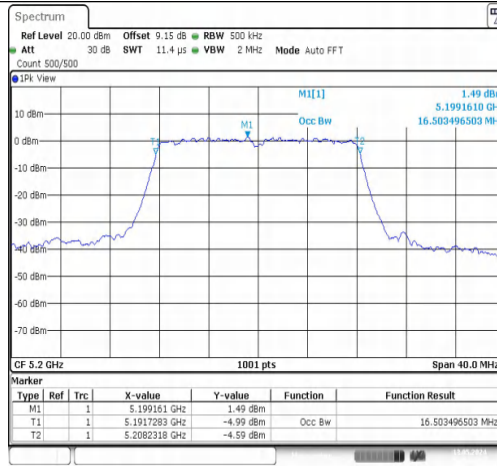
11A-CDD-Ant1-5180



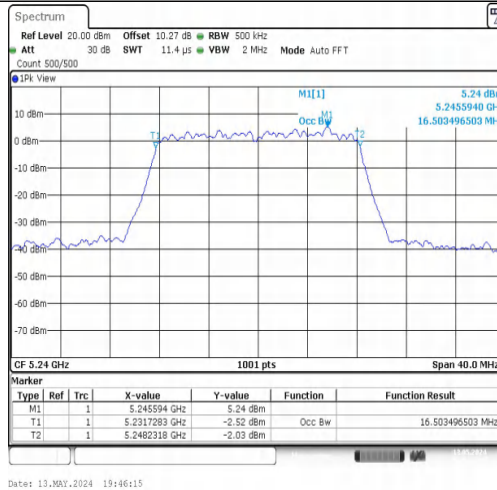
11A-CDD-Ant2-5180



11A-CDD-Ant1-5200



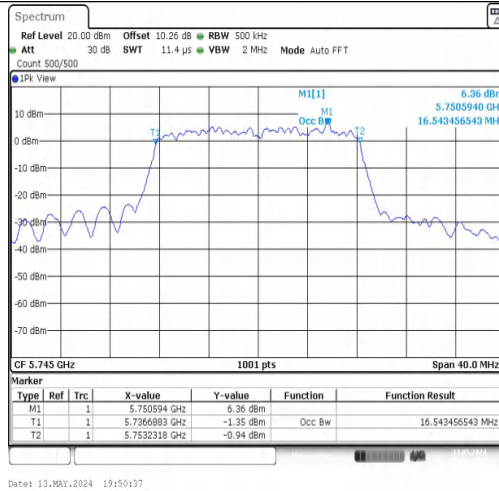
11A-CDD-Ant2-5200



11A-CDD-Ant1-5240



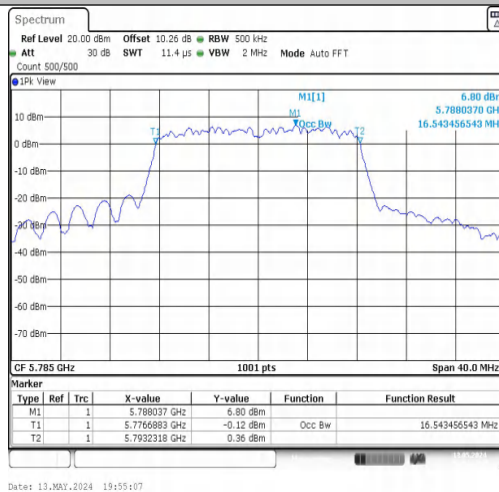
11A-CDD-Ant2-5240



11A-CDD-Ant1-5745



11A-CDD-Ant2-5745

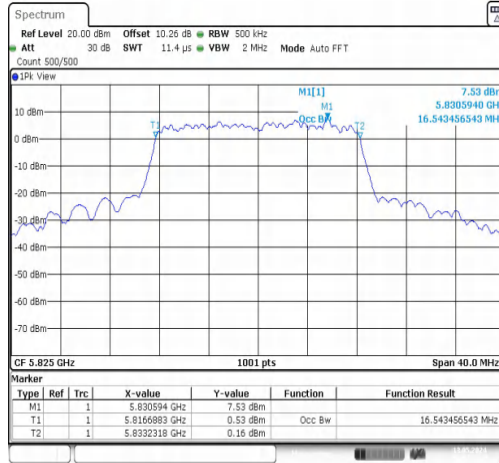


11A-CDD-Ant1-5785



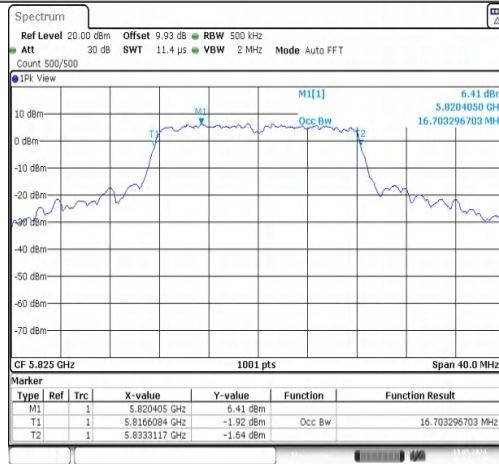
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11A-CDD-Ant2-5785



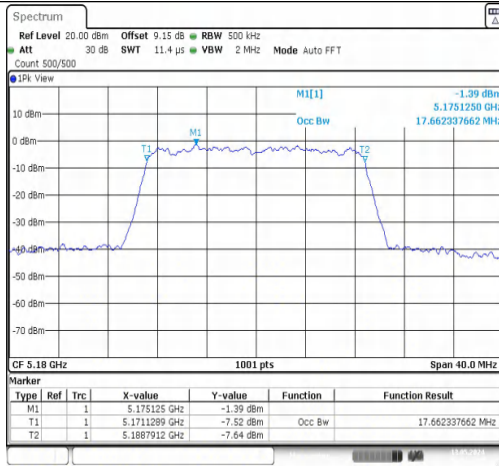
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11A-CDD-Ant1-5825



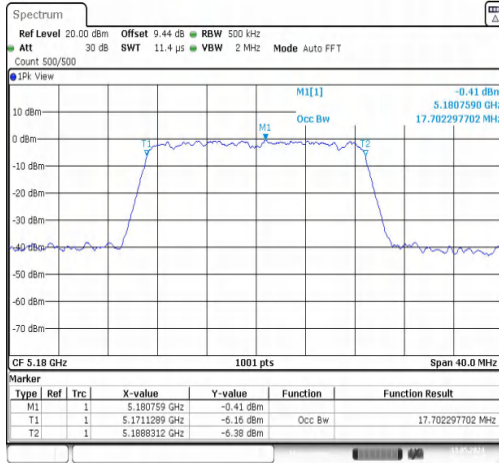
Date: 13.MAY.2024 20:01:33

11A-CDD-Ant2-5825



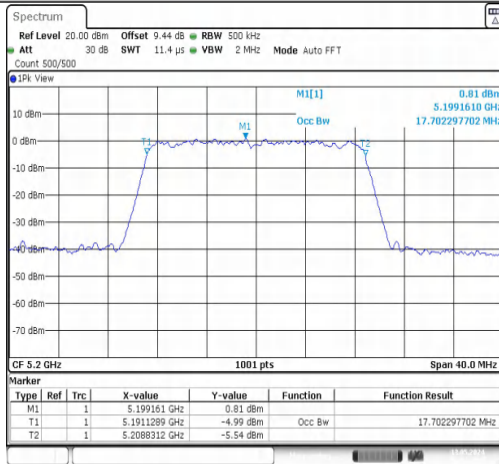
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11N20MIMO-Ant2-5180



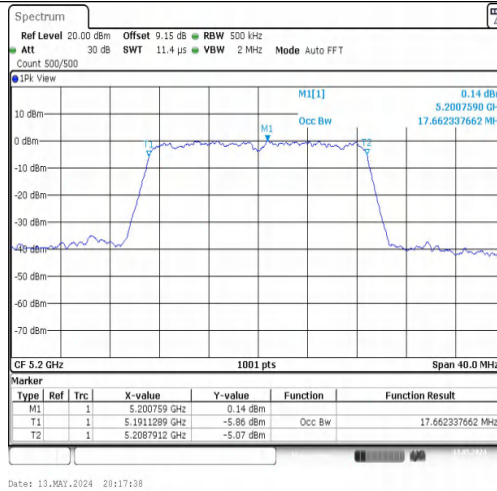
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11N20MIMO-Ant1-5180

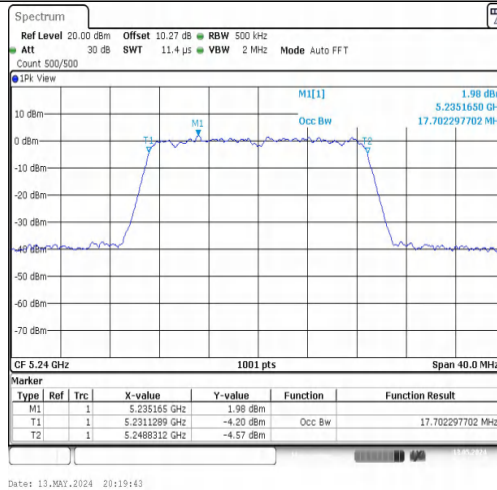


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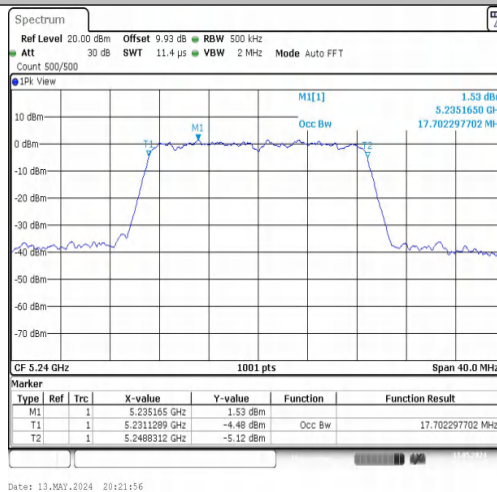
11N20MIMO-Ant1-5200



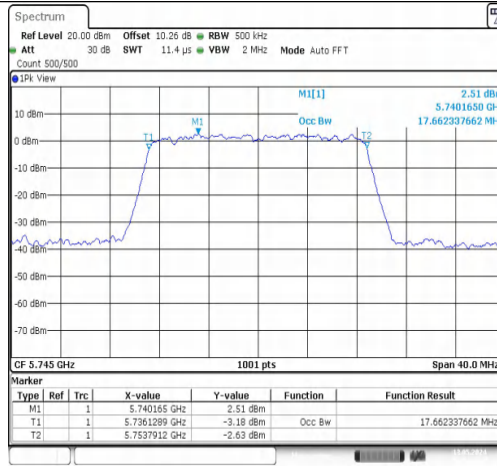
11N20MIMO-Ant2-5200



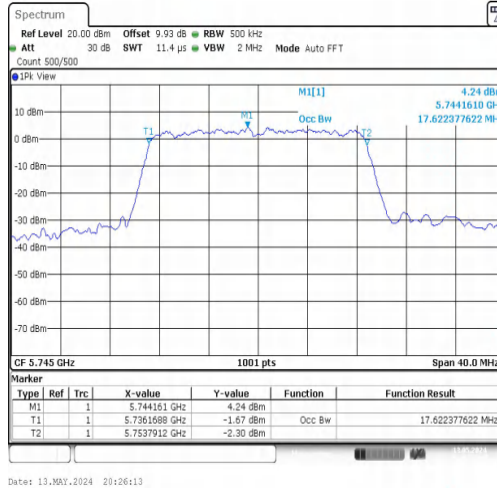
11N20MIMO-Ant1-5240



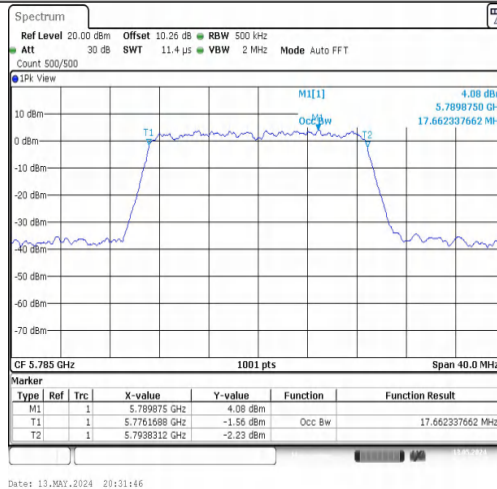
11N20MIMO-Ant2-5240



11N20MIMO-Ant1-5745



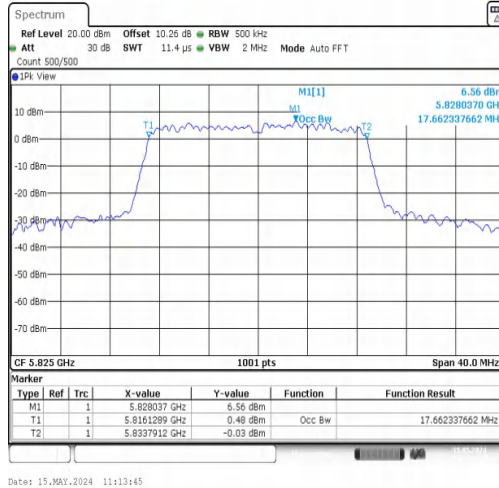
11N20MIMO-Ant2-5745



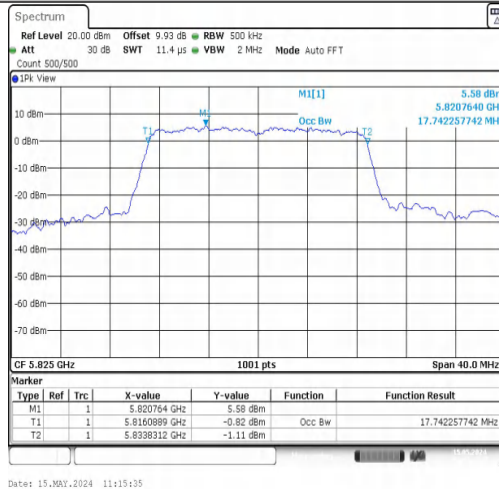
11N20MIMO-Ant1-5785



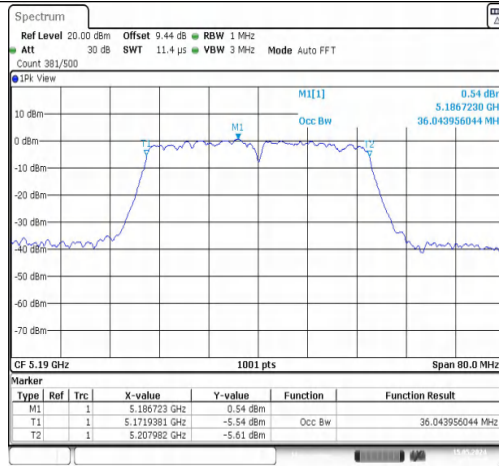
11N20MIMO-Ant2-5785



11N20MIMO-Ant1-5825

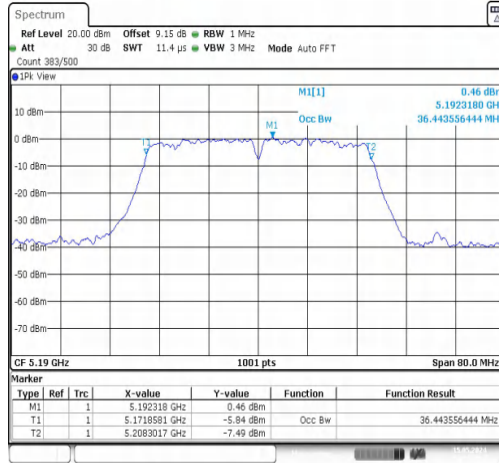


11N20MIMO-Ant2-5825



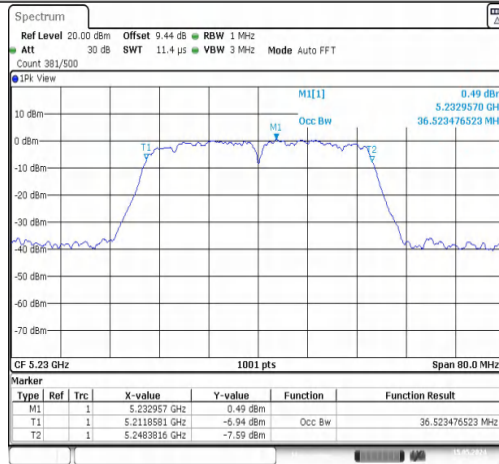
Date: 15.MAY.2024 11:19:00

11N40MIMO-Ant1-5190



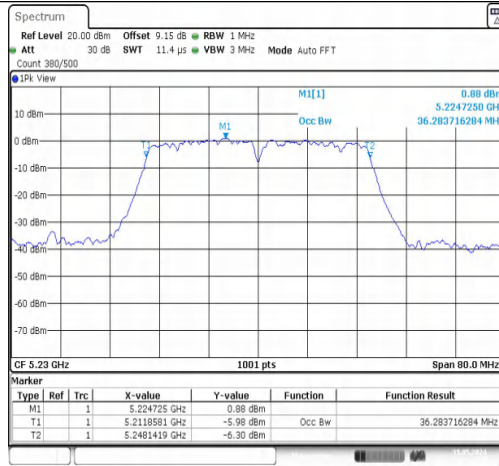
Date: 15.MAY.2024 11:20:59

11N40MIMO-Ant2-5190



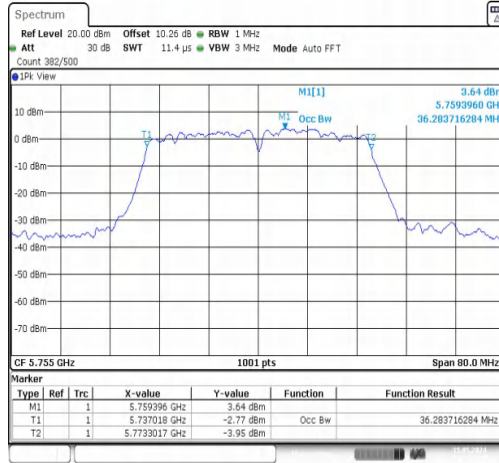
Date: 15.MAY.2024 11:23:54

11N40MIMO-Ant1-5230



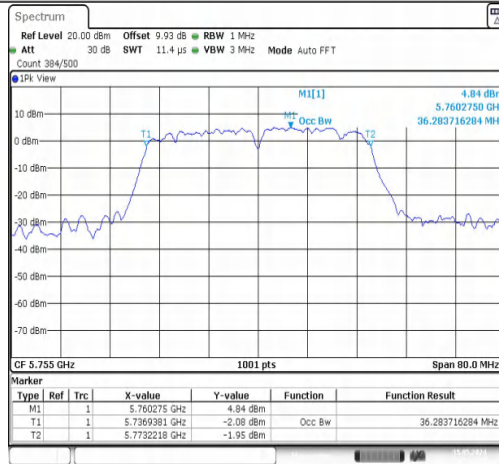
Date: 15.MAY.2024 11:25:53

11N40MIMO-Ant2-5230



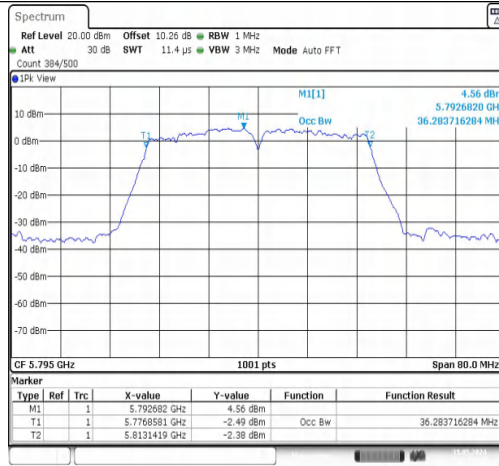
Date: 15.MAY.2024 11:28:11

11N40MIMO-Ant1-5755

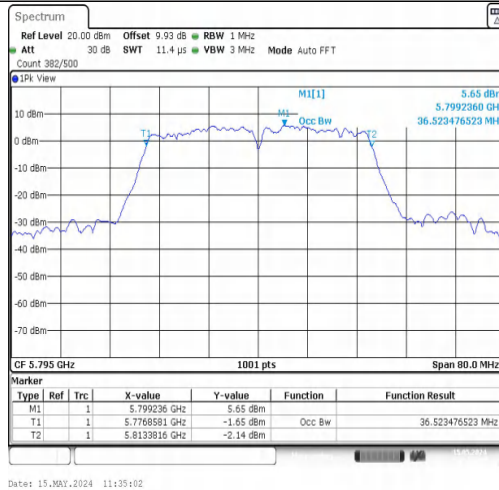


Date: 15.MAY.2024 11:29:59

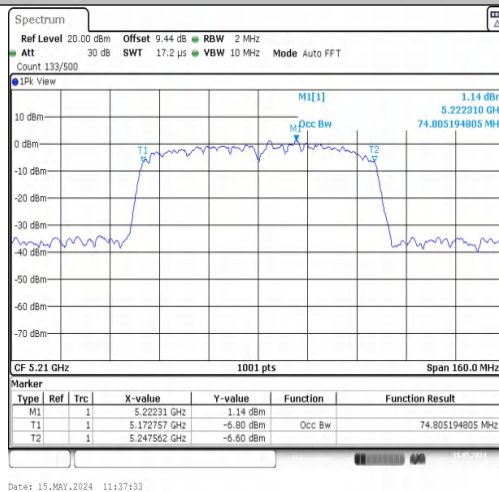
11N40MIMO-Ant2-5755



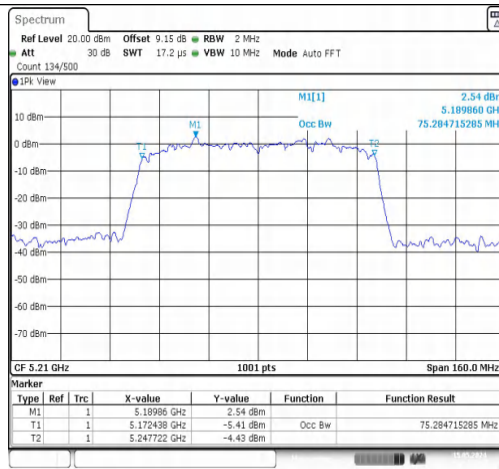
11N40MIMO-Ant1-5795



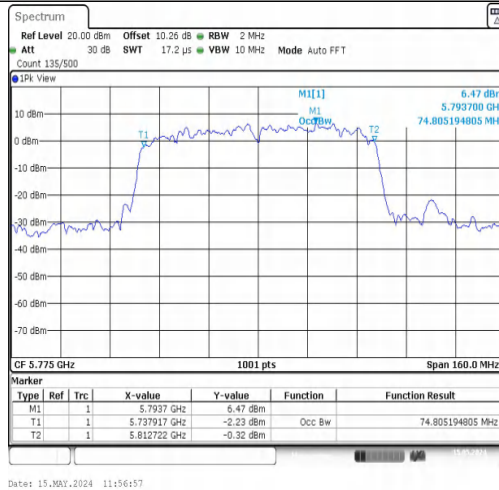
11N40MIMO-Ant2-5795



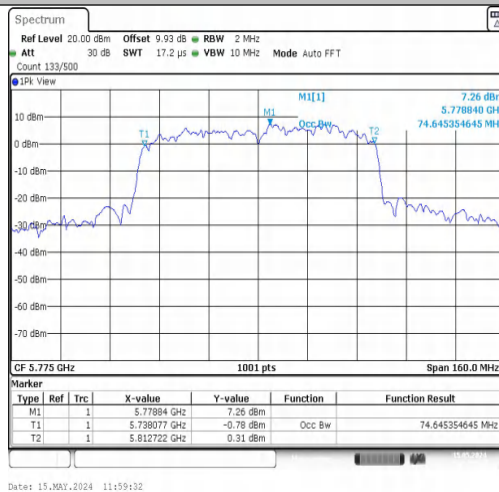
11AC80MIMO-Ant1-5210



11AC80MIMO-Ant2-5210



11AC80MIMO-Ant1-5775



11AC80MIMO-Ant2-5775



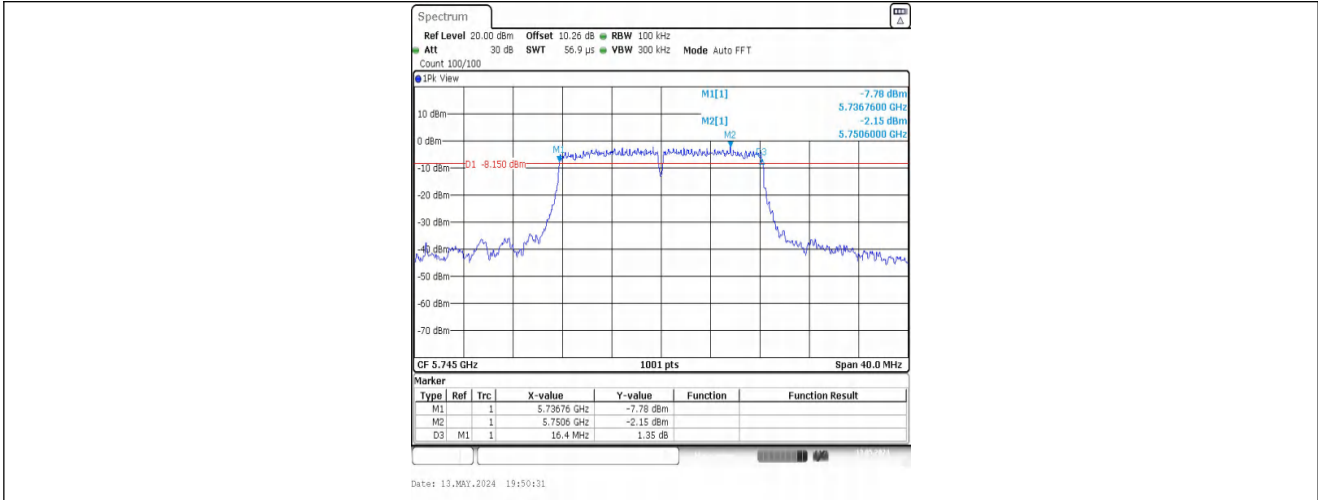
Appendix A3: Min emission bandwidth

Test Result B4

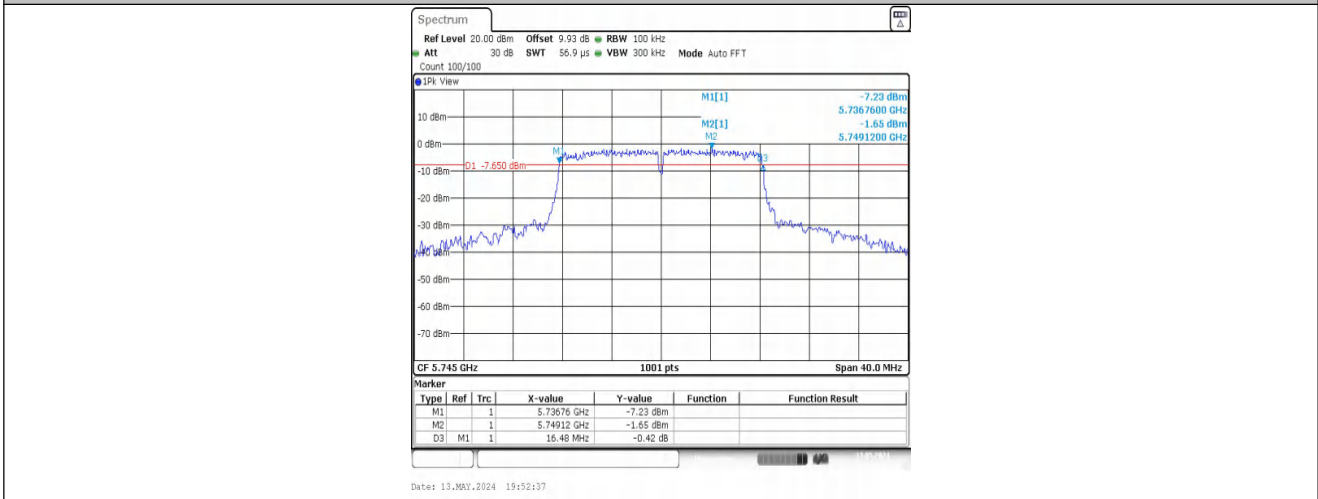
Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5745	16.40	5736.76	5753.16	0.5	PASS
11A-CDD	Ant2	5745	16.48	5736.76	5753.24	0.5	PASS
11A-CDD	Ant1	5785	16.40	5776.76	5793.16	0.5	PASS
11A-CDD	Ant2	5785	16.40	5776.76	5793.16	0.5	PASS
11A-CDD	Ant1	5825	16.40	5816.76	5833.16	0.5	PASS
11A-CDD	Ant2	5825	16.40	5816.76	5833.16	0.5	PASS
11N20MIMO	Ant1	5745	17.60	5736.16	5753.76	0.5	PASS
11N20MIMO	Ant2	5745	17.64	5736.16	5753.80	0.5	PASS
11N20MIMO	Ant1	5785	17.64	5776.16	5793.80	0.5	PASS
11N20MIMO	Ant2	5785	17.64	5776.16	5793.80	0.5	PASS
11N20MIMO	Ant1	5825	17.64	5816.16	5833.80	0.5	PASS
11N20MIMO	Ant2	5825	17.60	5816.16	5833.76	0.5	PASS
11N40MIMO	Ant1	5755	36.40	5736.76	5773.16	0.5	PASS
11N40MIMO	Ant2	5755	36.40	5736.76	5773.16	0.5	PASS
11N40MIMO	Ant1	5795	36.08	5777.08	5813.16	0.5	PASS
11N40MIMO	Ant2	5795	36.40	5776.76	5813.16	0.5	PASS
11AC80MIMO	Ant1	5775	71.36	5741.72	5813.08	0.5	PASS
11AC80MIMO	Ant2	5775	72.48	5740.60	5813.08	0.5	PASS



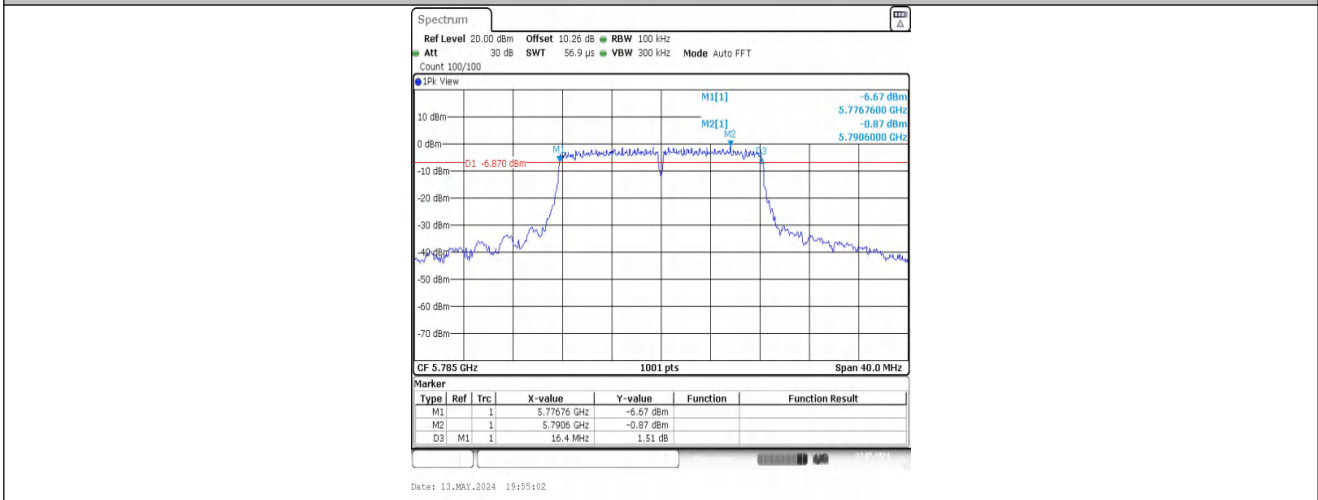
Test Graphs B4



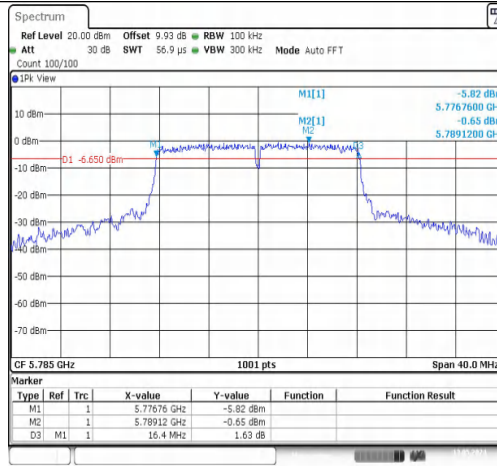
11A-CDD-Ant1-5745-PASS



11A-CDD-Ant2-5745-PASS

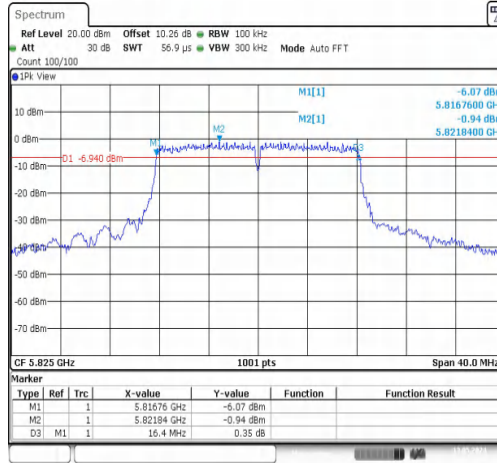


11A-CDD-Ant1-5785-PASS



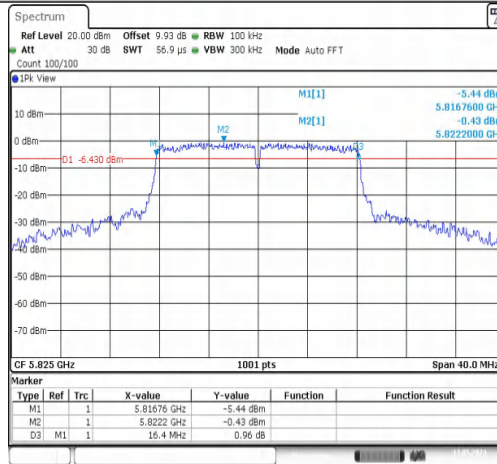
Date: 13.MAY.2024 19:57:18

11A-CDD-Ant2-5785-PASS



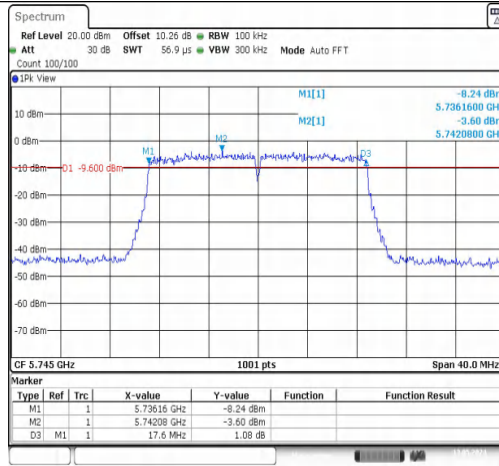
Date: 13.MAY.2024 19:59:34

11A-CDD-Ant1-5825-PASS



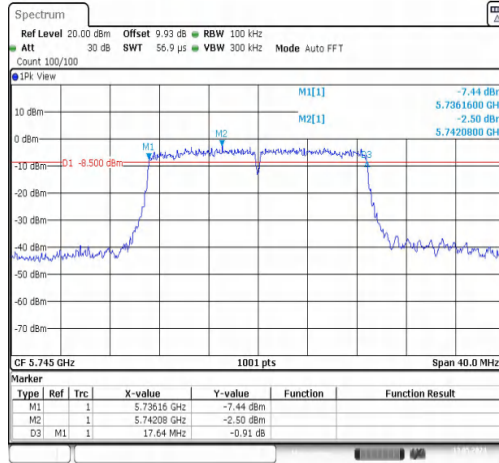
Date: 13.MAY.2024 20:01:28

11A-CDD-Ant2-5825-PASS



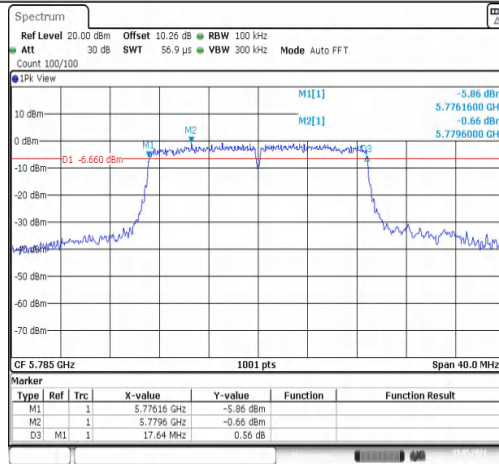
Date: 13.MAY.2024 20:24:31

11N20MIMO-Ant1-5745-PASS



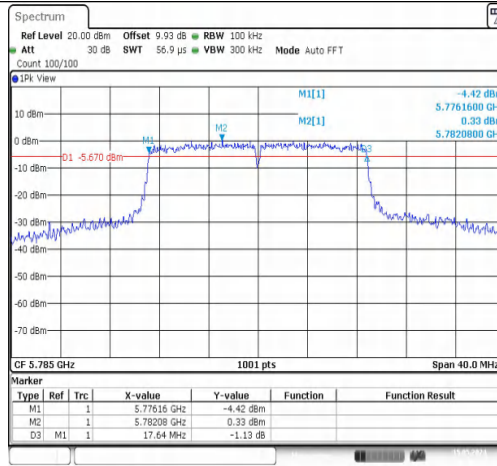
Date: 13.MAY.2024 20:26:08

11N20MIMO-Ant2-5745-PASS



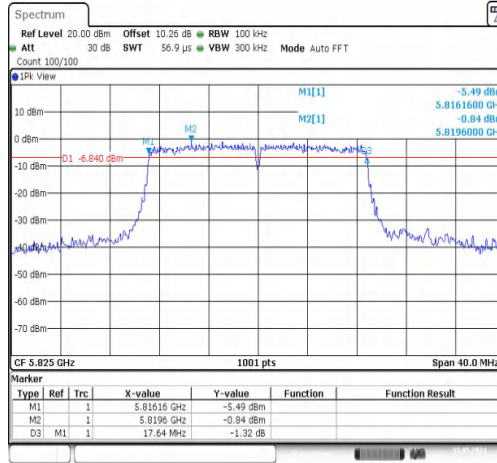
Date: 15.MAY.2024 11:12:35

11N20MIMO-Ant1-5785-PASS



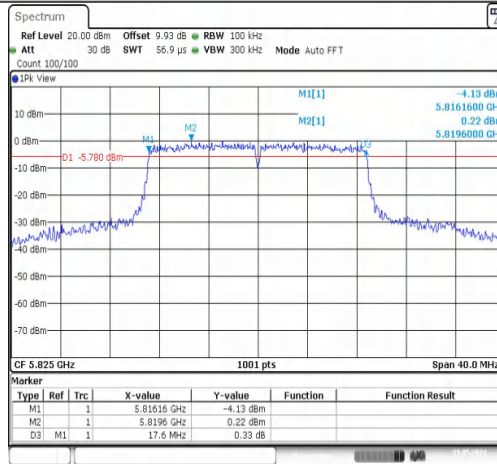
Date: 15.MAY.2024 11:12:42

11N20MIMO-Ant2-5785-PASS



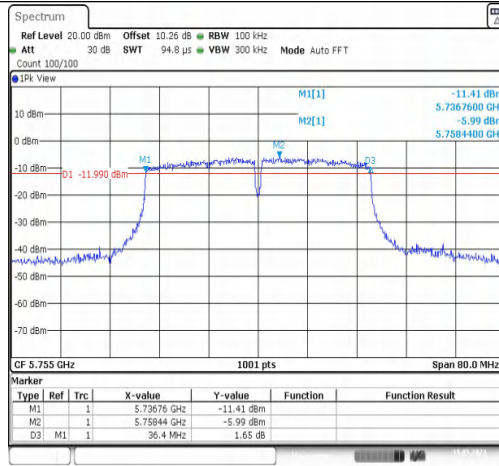
Date: 15.MAY.2024 11:50:47

11N20MIMO-Ant1-5825-PASS

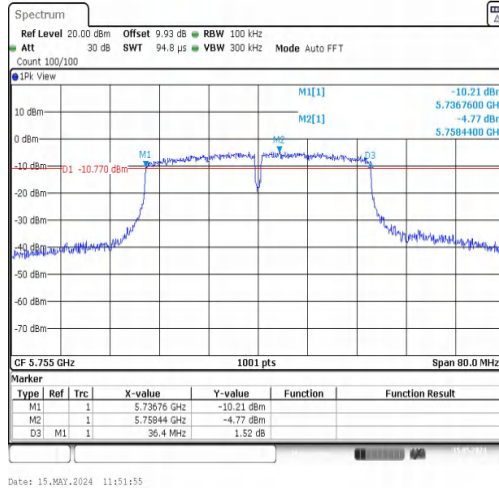


Date: 15.MAY.2024 11:50:54

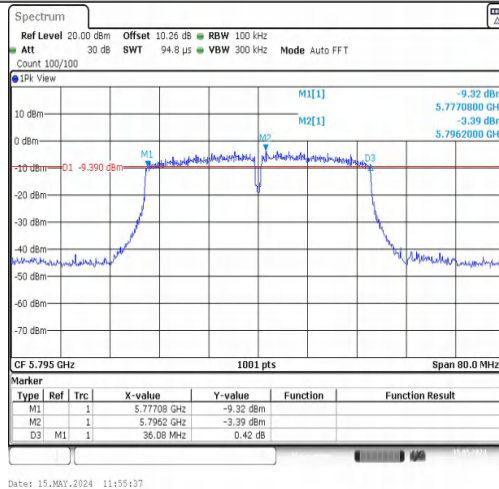
11N20MIMO-Ant2-5825-PASS



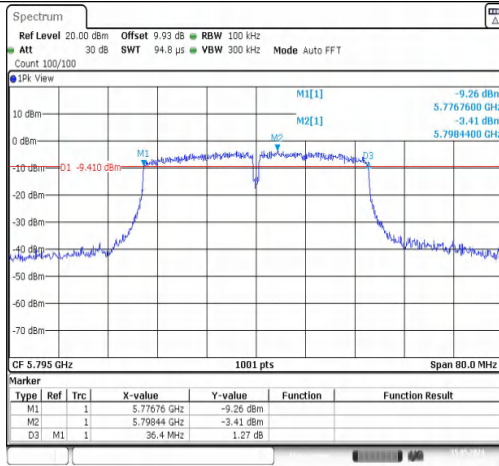
11N40MIMO-Ant1-5755-PASS



11N40MIMO-Ant2-5755-PASS

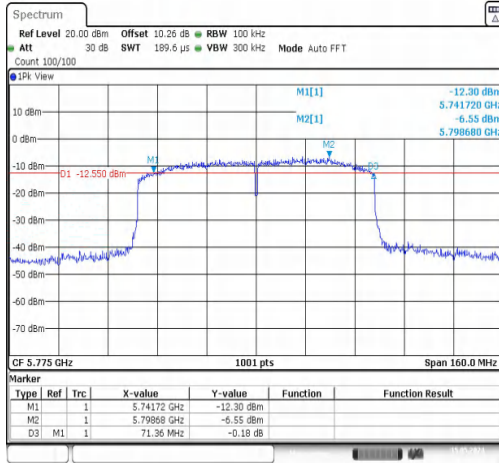


11N40MIMO-Ant1-5795-PASS



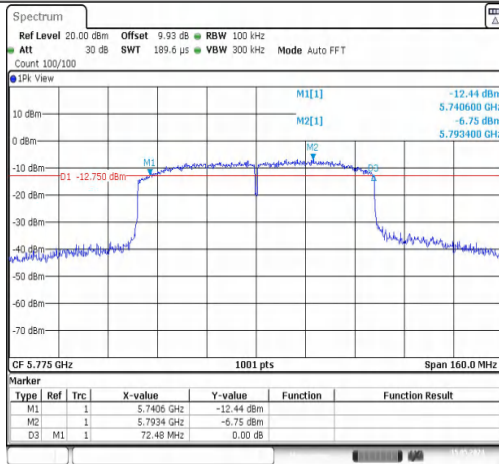
Date: 15.MAY.2024 11:55:44

11N40MIMO-Ant2-5795-PASS



Date: 15.MAY.2024 11:56:51

11AC80MIMO-Ant1-5775-PASS



Date: 15.MAY.2024 11:59:26

11AC80MIMO-Ant2-5775-PASS



Appendix B: Duty Cycle

Test Result

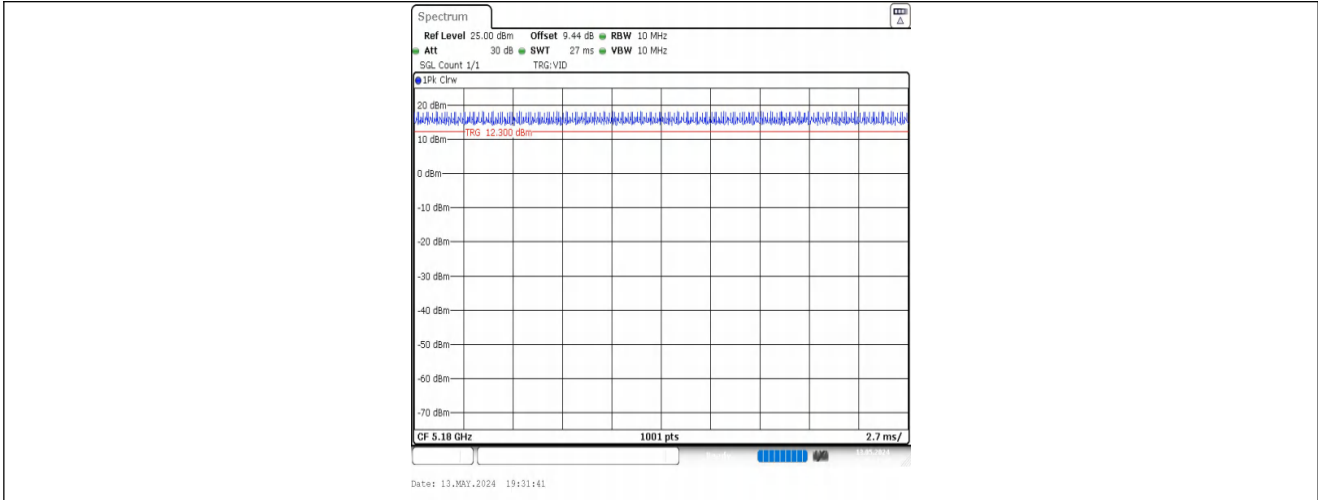
Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A-CDD	Ant1	5180	27.00	27.00	100.00
11A-CDD	Ant2	5180	2.00	2.00	100.00
11A-CDD	Ant1	5200	2.00	2.00	100.00
11A-CDD	Ant2	5200	2.00	2.00	100.00
11A-CDD	Ant1	5240	2.00	2.00	100.00
11A-CDD	Ant2	5240	2.00	2.00	100.00
11A-CDD	Ant1	5745	2.00	2.00	100.00
11A-CDD	Ant2	5745	2.00	2.00	100.00
11A-CDD	Ant1	5785	2.00	2.00	100.00
11A-CDD	Ant2	5785	2.00	2.00	100.00
11A-CDD	Ant1	5825	2.00	2.00	100.00
11A-CDD	Ant2	5825	2.00	2.00	100.00
11N20MIMO	Ant2	5180	2.00	2.00	100.00
11N20MIMO	Ant1	5180	2.00	2.00	100.00
11N20MIMO	Ant1	5200	2.00	2.00	100.00
11N20MIMO	Ant2	5200	2.00	2.00	100.00
11N20MIMO	Ant1	5240	2.00	2.00	100.00
11N20MIMO	Ant2	5240	2.00	2.00	100.00
11N20MIMO	Ant1	5745	2.00	2.00	100.00
11N20MIMO	Ant2	5745	2.00	2.00	100.00
11N20MIMO	Ant1	5785	2.00	2.00	100.00
11N20MIMO	Ant2	5785	2.00	2.00	100.00
11N20MIMO	Ant1	5825	2.00	2.00	100.00
11N20MIMO	Ant2	5825	2.00	2.00	100.00
11N40MIMO	Ant1	5190	2.00	2.00	100.00
11N40MIMO	Ant2	5190	2.00	2.00	100.00
11N40MIMO	Ant1	5230	2.00	2.00	100.00
11N40MIMO	Ant2	5230	2.00	2.00	100.00
11N40MIMO	Ant1	5755	2.00	2.00	100.00
11N40MIMO	Ant2	5755	2.00	2.00	100.00
11N40MIMO	Ant1	5795	2.00	2.00	100.00
11N40MIMO	Ant2	5795	2.00	2.00	100.00
11AC80MIMO	Ant1	5210	2.00	2.00	100.00
11AC80MIMO	Ant2	5210	2.00	2.00	100.00
11AC80MIMO	Ant1	5775	2.00	2.00	100.00



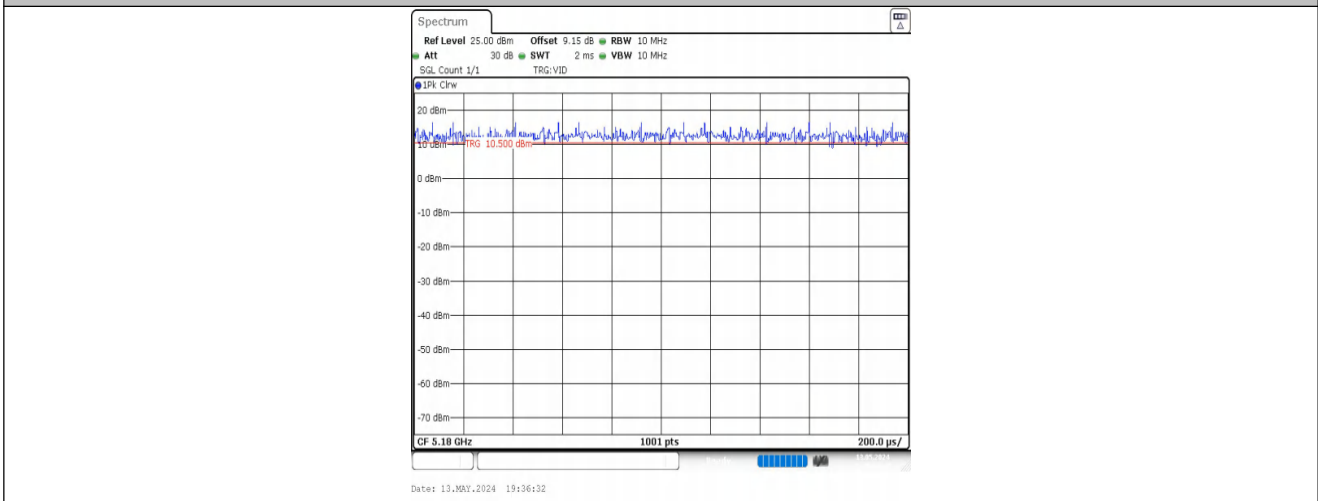
11AC80MIMO	Ant2	5775	2.00	2.00	100.00
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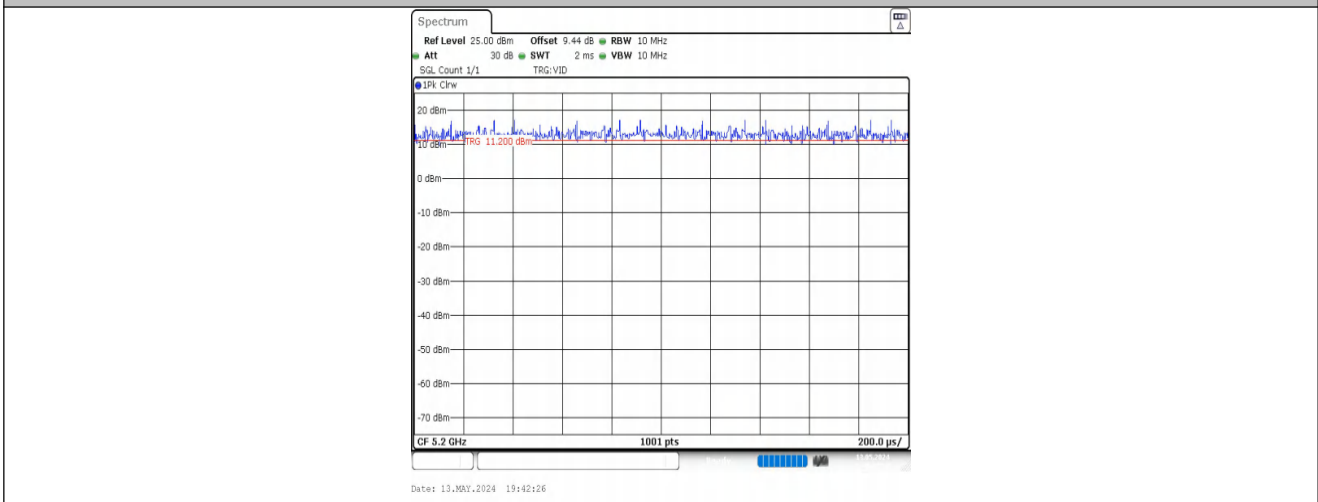
Test Graphs



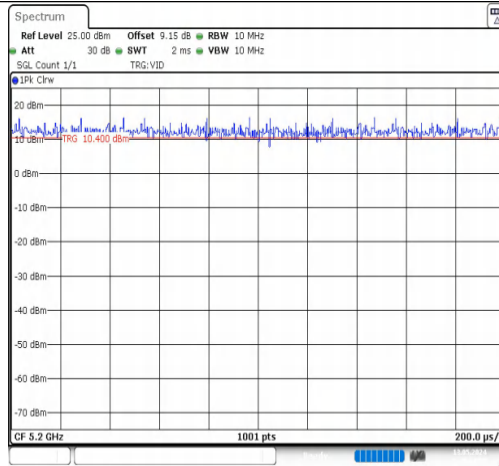
NTNV-11A-CDD-Ant1-5180



NTNV-11A-CDD-Ant2-5180

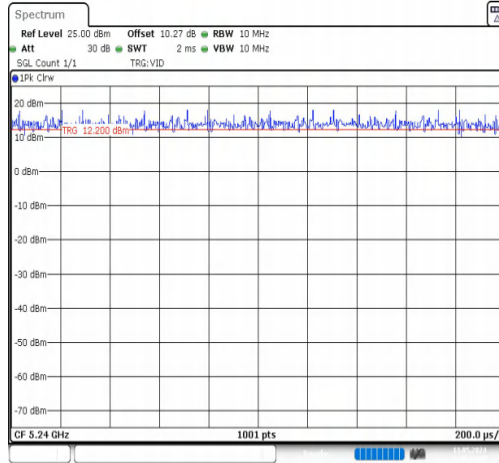


NTNV-11A-CDD-Ant1-5200



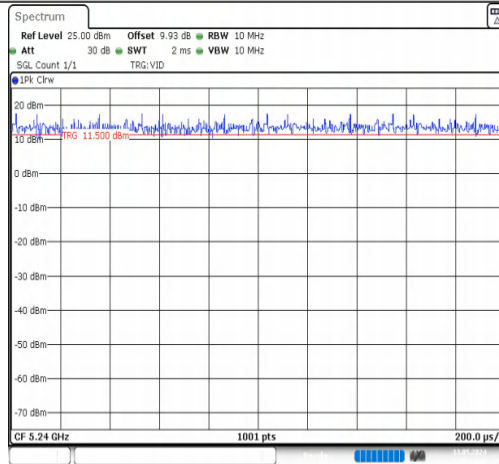
Date: 13.MAY.2024 19:44:19

NTNV-11A-CDD-Ant2-5200



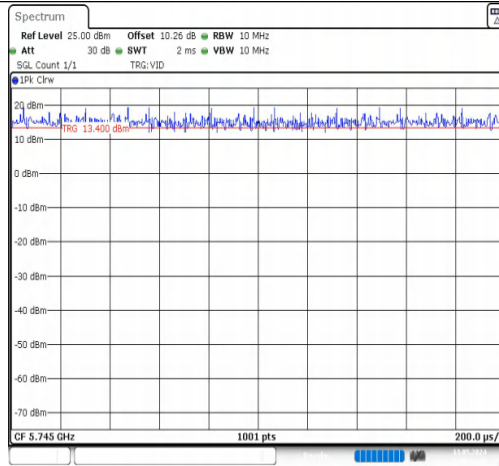
Date: 13.MAY.2024 19:46:24

NTNV-11A-CDD-Ant1-5240



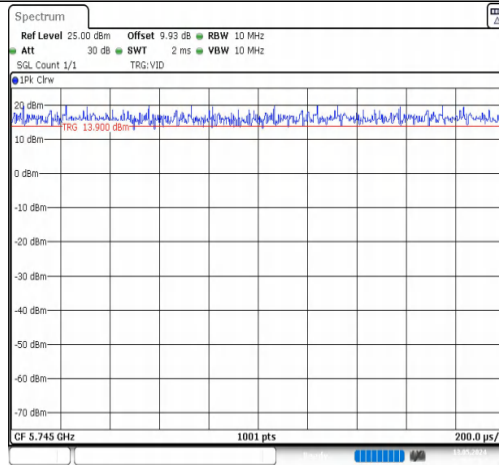
Date: 13.MAY.2024 19:48:16

NTNV-11A-CDD-Ant2-5240



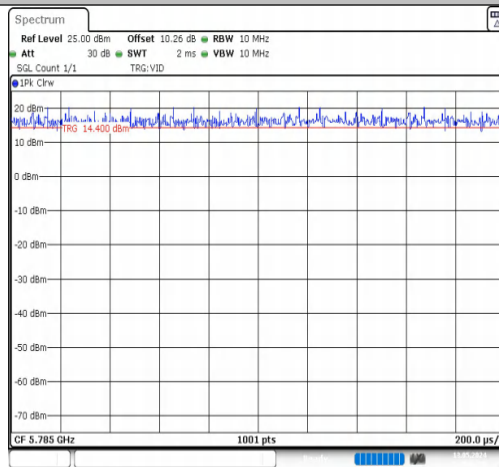
Date: 13.MAY.2024 19:50:45

NTNV-11A-CDD-Ant1-5745



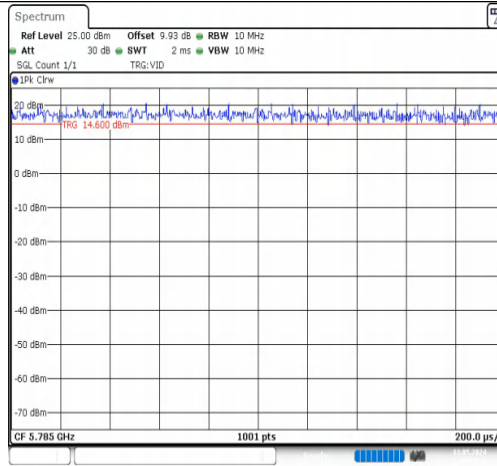
Date: 13.MAY.2024 19:52:50

NTNV-11A-CDD-Ant2-5745



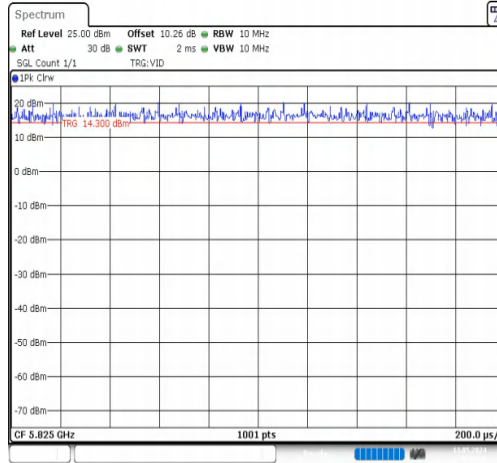
Date: 13.MAY.2024 19:55:16

NTNV-11A-CDD-Ant1-5785



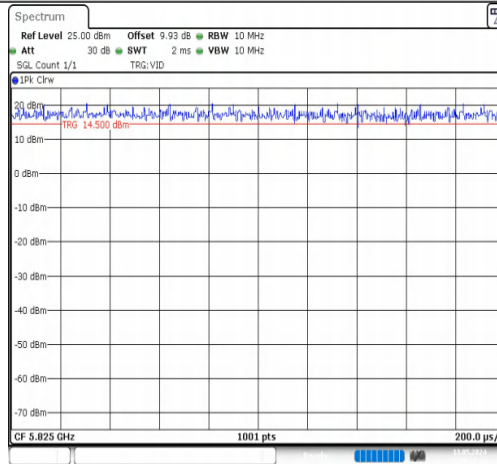
Date: 13.MAY.2024 19:57:32

NTNV-11A-CDD-Ant2-5785



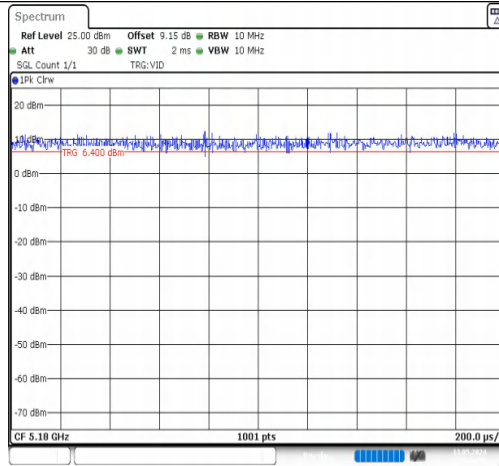
Date: 13.MAY.2024 19:59:48

NTNV-11A-CDD-Ant1-5825



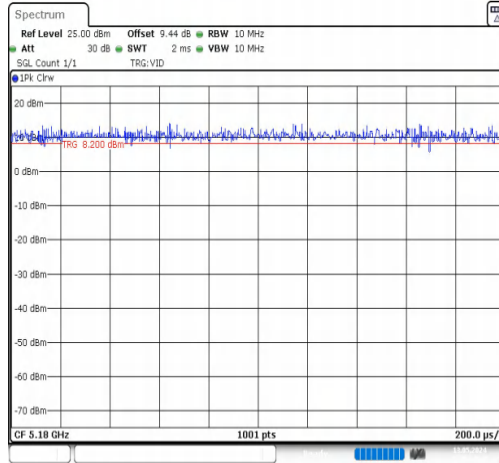
Date: 13.MAY.2024 20:01:42

NTNV-11A-CDD-Ant2-5825



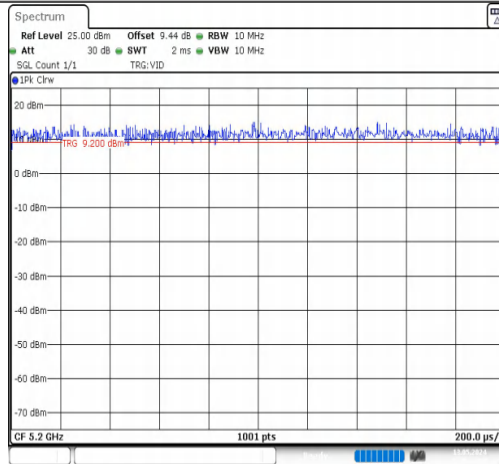
Date: 13.MAY.2024 20:06:28

NTNV-11N20MIMO-Ant2-5180



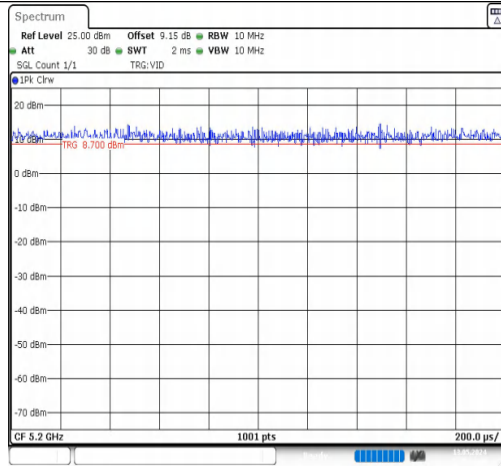
Date: 13.MAY.2024 20:10:21

NTNV-11N20MIMO-Ant1-5180



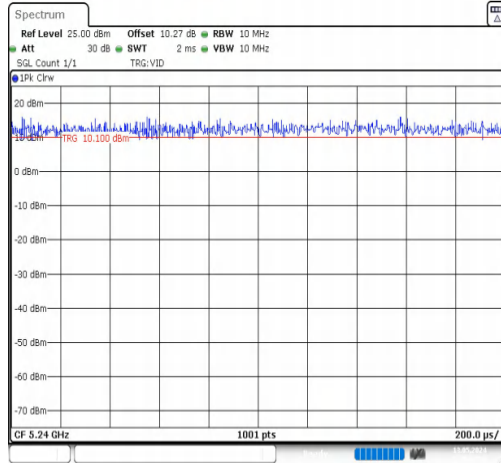
Date: 13.MAY.2024 20:16:14

NTNV-11N20MIMO-Ant1-5200



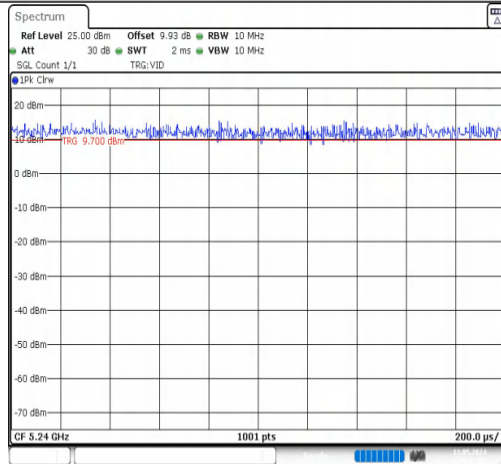
Date: 13.MAY.2024 20:17:47

NTNV-11N20MIMO-Ant2-5200



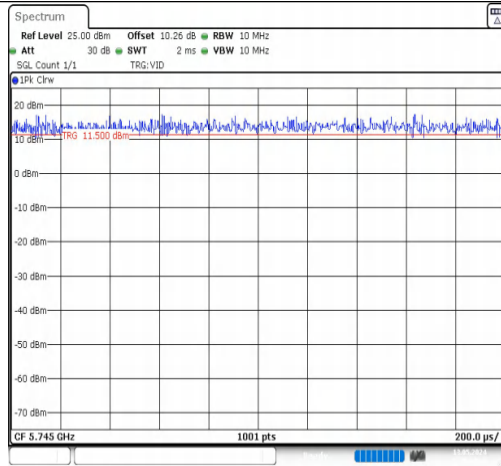
Date: 13.MAY.2024 20:19:52

NTNV-11N20MIMO-Ant1-5240

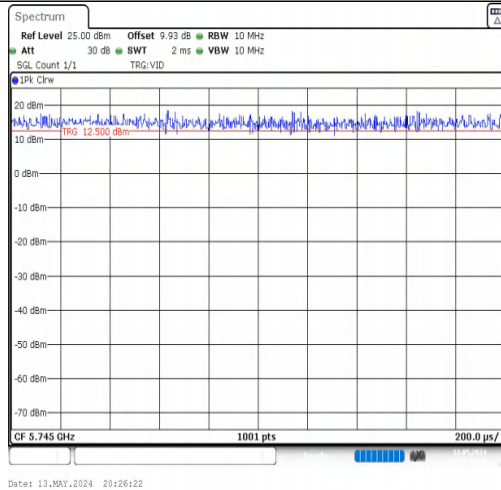


Date: 13.MAY.2024 20:22:04

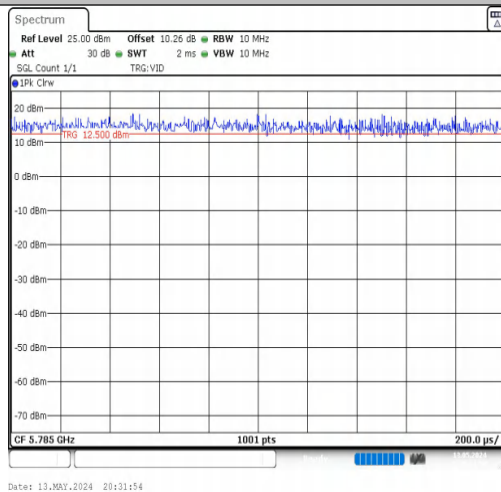
NTNV-11N20MIMO-Ant2-5240



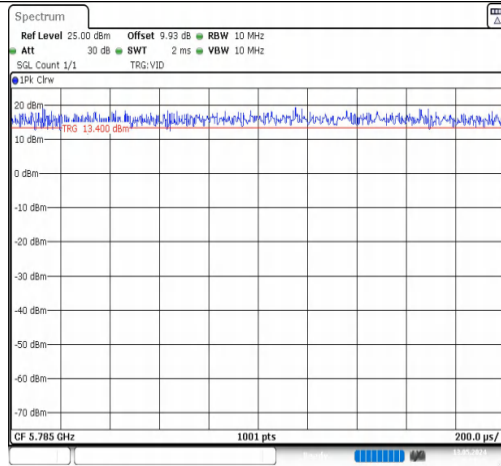
NTNV-11N20MIMO-Ant1-5745



NTNV-11N20MIMO-Ant2-5745

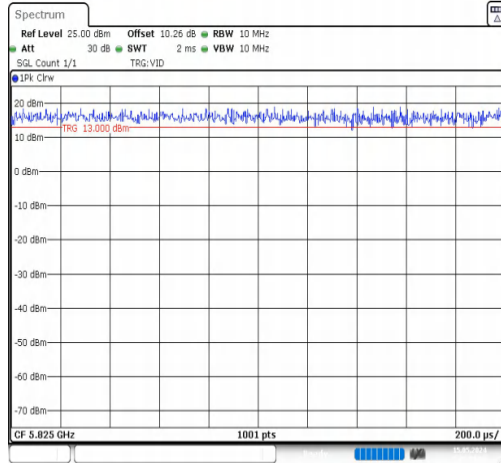


NTNV-11N20MIMO-Ant1-5785



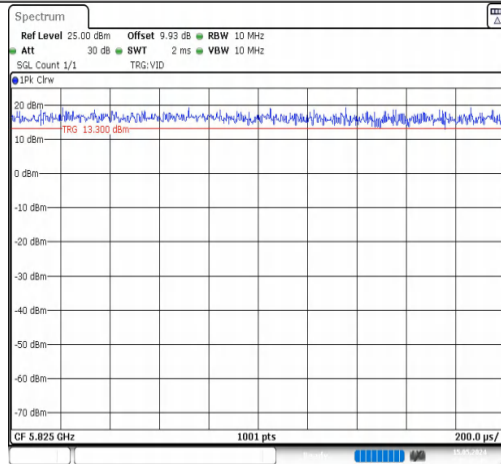
Date: 13.MAY.2024 20:33:26

NTNV-11N20MIMO-Ant2-5785



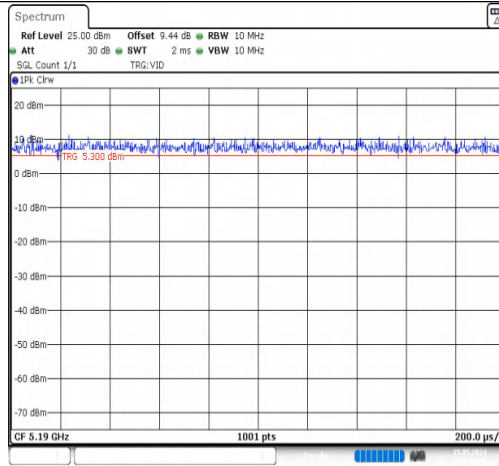
Date: 15.MAY.2024 11:13:54

NTNV-11N20MIMO-Ant1-5825



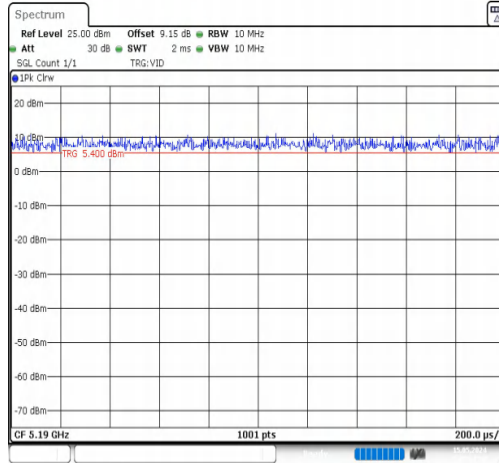
Date: 15.MAY.2024 11:15:44

NTNV-11N20MIMO-Ant2-5825



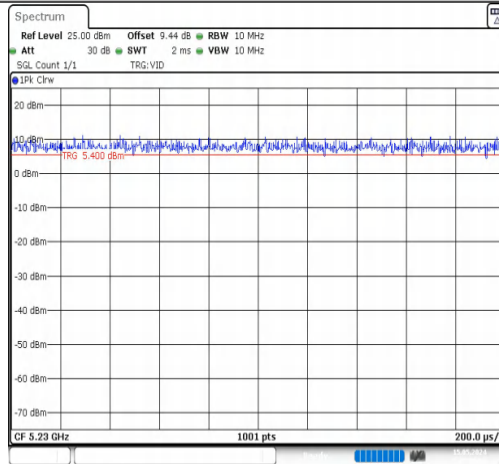
Date: 15.MAY.2024 11:19:09

NTNV-11N40MIMO-Ant1-5190



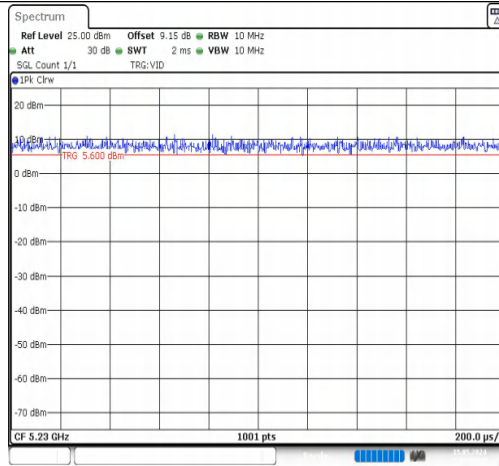
Date: 15.MAY.2024 11:21:08

NTNV-11N40MIMO-Ant2-5190



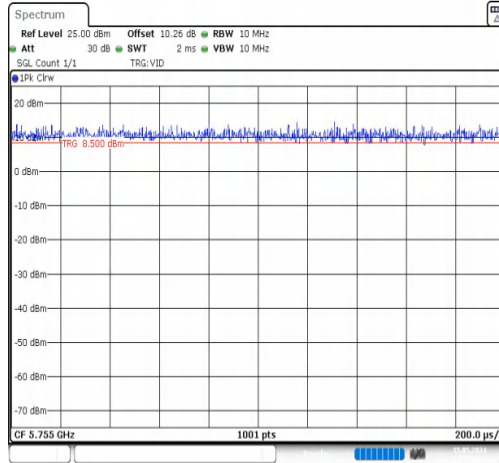
Date: 15.MAY.2024 11:24:03

NTNV-11N40MIMO-Ant1-5230



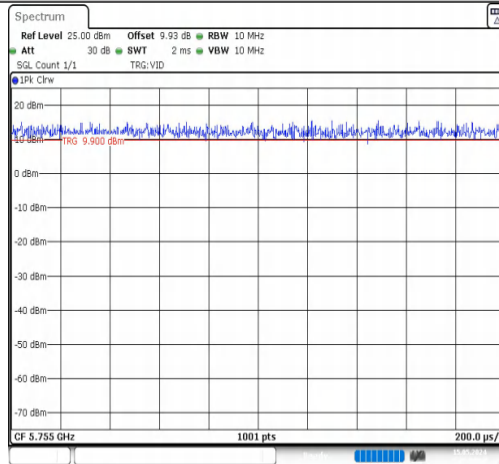
Date: 15.MAY.2024 11:26:02

NTNV-11N40MIMO-Ant2-5230



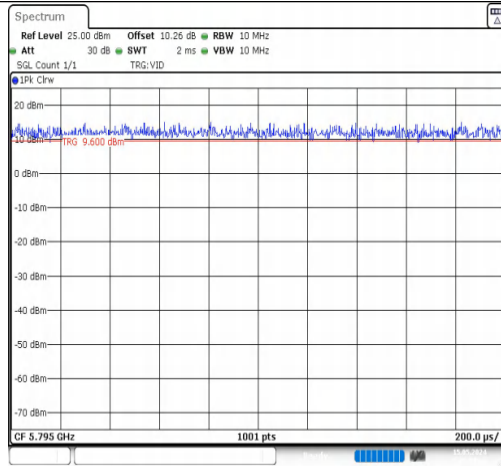
Date: 15.MAY.2024 11:28:20

NTNV-11N40MIMO-Ant1-5755



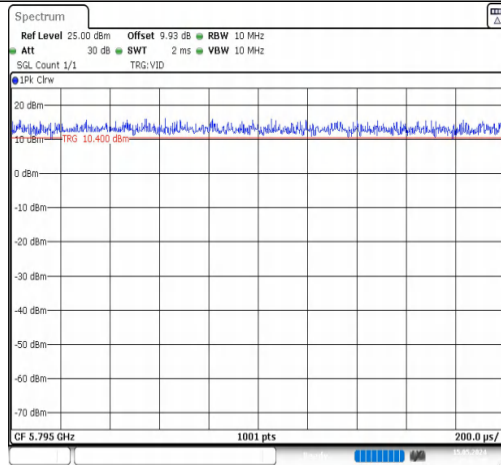
Date: 15.MAY.2024 11:30:08

NTNV-11N40MIMO-Ant2-5755



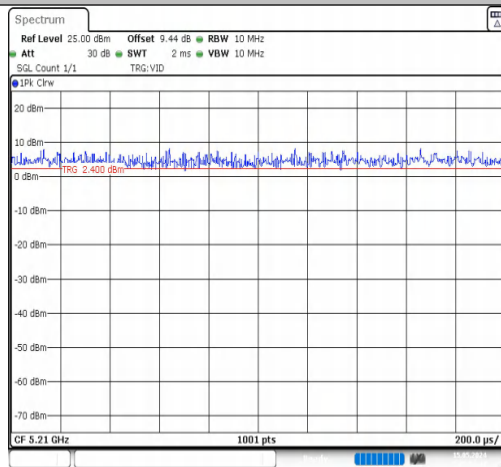
Date: 15.MAY.2024 11:33:23

NTNV-11N40MIMO-Ant1-5795



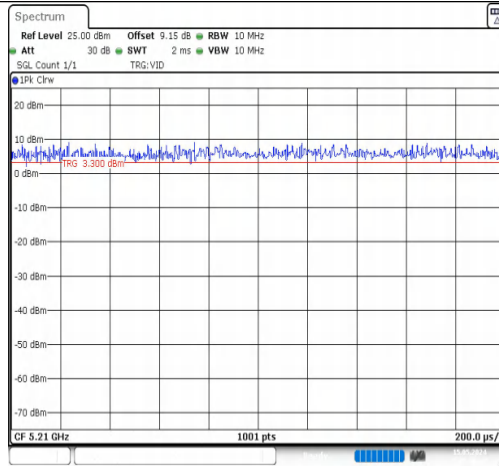
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NTNV-11N40MIMO-Ant2-5795

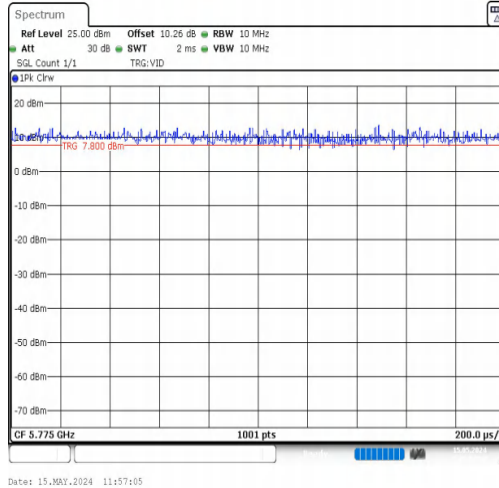


Date: 15.MAY.2024 11:37:41

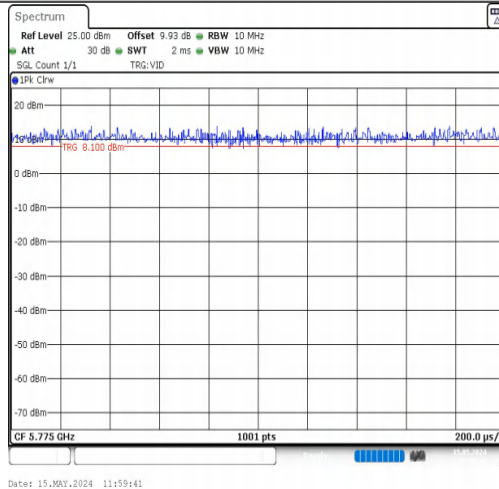
NTNV-11AC80MIMO-Ant1-5210



NTNV-11AC80MIMO-Ant2-5210



NTNV-11AC80MIMO-Ant1-5775



NTNV-11AC80MIMO-Ant2-5775



Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A-CDD	Ant1	5180	10.01	100.00	0.00	10.01	---	1.58	11.59	---	PASS
11A-CDD	Ant2	5180	8.71	100.00	0.00	8.71	---	1.82	10.53	---	PASS
11A-CDD	total	5180	---	---	---	12.42	---	4.71	17.13	---	PASS
11A-CDD	Ant1	5200	9.12	100.00	0.00	9.12	---	1.58	10.70	---	PASS
11A-CDD	Ant2	5200	8.60	100.00	0.00	8.60	---	1.82	10.42	---	PASS
11A-CDD	total	5200	---	---	---	11.88	---	4.71	16.59	---	PASS
11A-CDD	Ant1	5240	10.02	100.00	0.00	10.02	---	1.58	11.60	---	PASS
11A-CDD	Ant2	5240	9.72	100.00	0.00	9.72	---	1.82	11.54	---	PASS
11A-CDD	total	5240	---	---	---	12.88	---	4.71	17.59	---	PASS
11A-CDD	Ant1	5745	11.22	100.00	0.00	11.22	≤30.00	1.58	12.80	---	PASS
11A-CDD	Ant2	5745	12.36	100.00	0.00	12.36	≤30.00	1.82	14.18	---	PASS
11A-CDD	total	5745	---	---	---	14.84	≤30.00	4.71	19.55	---	PASS
11A-CDD	Ant1	5785	12.40	100.00	0.00	12.40	≤30.00	1.58	13.98	---	PASS
11A-CDD	Ant2	5785	13.46	100.00	0.00	13.46	≤30.00	1.82	15.28	---	PASS
11A-CDD	total	5785	---	---	---	15.97	≤30.00	4.71	20.68	---	PASS
11A-CDD	Ant1	5825	12.61	100.00	0.00	12.61	≤30.00	1.58	14.19	---	PASS
11A-CDD	Ant2	5825	13.65	100.00	0.00	13.65	≤30.00	1.82	15.47	---	PASS
11A-CDD	total	5825	---	---	---	16.17	≤30.00	4.71	20.88	---	PASS
11N20MIMO	Ant1	5180	7.83	100.00	0.00	7.83	---	1.58	9.41	---	PASS
11N20MIMO	Ant2	5180	7.54	100.00	0.00	7.54	---	1.82	9.36	---	PASS
11N20MIMO	total	5180	---	---	---	10.70	---	4.71	15.41	---	PASS
11N20MIMO	Ant1	5200	7.79	100.00	0.00	7.79	---	1.58	9.37	---	PASS
11N20MIMO	Ant2	5200	7.42	100.00	0.00	7.42	---	1.82	9.24	---	PASS
11N20MIMO	total	5200	---	---	---	10.62	---	4.71	15.33	---	PASS
11N20MIMO	Ant1	5240	8.68	100.00	0.00	8.68	---	1.58	10.26	---	PASS
11N20MIMO	Ant2	5240	8.49	100.00	0.00	8.49	---	1.82	10.31	---	PASS
11N20MIMO	total	5240	---	---	---	11.60	---	4.71	16.31	---	PASS
11N20MIMO	Ant1	5745	9.92	100.00	0.00	9.92	≤30.00	1.58	11.50	---	PASS
11N20MIMO	Ant2	5745	11.10	100.00	0.00	11.10	≤30.00	1.82	12.92	---	PASS
11N20MIMO	total	5745	---	---	---	13.56	≤30.00	4.71	18.27	---	PASS
11N20MIMO	Ant1	5785	11.01	100.00	0.00	11.01	≤30.00	1.58	12.59	---	PASS
11N20MIMO	Ant2	5785	12.17	100.00	0.00	12.17	≤30.00	1.82	13.99	---	PASS
11N20MIMO	total	5785	---	---	---	14.64	≤30.00	4.71	19.35	---	PASS
11N20MIMO	Ant1	5825	12.28	100.00	0.00	12.28	≤30.00	1.58	13.86	---	PASS



11N20MIMO	Ant2	5825	12.76	100.00	0.00	12.76	≤30.00	1.82	14.58	---	PASS
11N20MIMO	total	5825	---	---	---	15.54	≤30.00	4.71	20.25	---	PASS
11N40MIMO	Ant1	5190	6.75	100.00	0.00	6.75	---	1.58	8.33	---	PASS
11N40MIMO	Ant2	5190	7.05	100.00	0.00	7.05	---	1.82	8.87	---	PASS
11N40MIMO	total	5190	---	---	---	9.91	---	4.71	14.62	---	PASS
11N40MIMO	Ant1	5230	6.94	100.00	0.00	6.94	---	1.58	8.52	---	PASS
11N40MIMO	Ant2	5230	7.27	100.00	0.00	7.27	---	1.82	9.09	---	PASS
11N40MIMO	total	5230	---	---	---	10.12	---	4.71	14.83	---	PASS
11N40MIMO	Ant1	5755	9.71	100.00	0.00	9.71	≤30.00	1.58	11.29	---	PASS
11N40MIMO	Ant2	5755	11.22	100.00	0.00	11.22	≤30.00	1.82	13.04	---	PASS
11N40MIMO	total	5755	---	---	---	13.54	≤30.00	4.71	18.25	---	PASS
11N40MIMO	Ant1	5795	10.93	100.00	0.00	10.93	≤30.00	1.58	12.51	---	PASS
11N40MIMO	Ant2	5795	12.08	100.00	0.00	12.08	≤30.00	1.82	13.90	---	PASS
11N40MIMO	total	5795	---	---	---	14.55	≤30.00	4.71	19.26	---	PASS
11AC80MIMO	Ant1	5210	8.05	100.00	0.00	8.05	---	1.58	9.63	---	PASS
11AC80MIMO	Ant2	5210	8.12	100.00	0.00	8.12	---	1.82	9.94	---	PASS
11AC80MIMO	total	5210	---	---	---	11.10	---	4.71	15.81	---	PASS
11AC80MIMO	Ant1	5775	11.88	100.00	0.00	11.88	≤30.00	1.58	13.46	---	PASS
11AC80MIMO	Ant2	5775	12.83	100.00	0.00	12.83	≤30.00	1.82	14.65	---	PASS
11AC80MIMO	total	5775	---	---	---	15.39	≤30.00	4.71	20.10	---	PASS



Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Reading [dBm/MHz]	DC Factor	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A-CDD	Ant1	5180	-0.75	0.00	-0.75	≤11.00	PASS
11A-CDD	Ant2	5180	-2.47	0.00	-2.47	≤11.00	PASS
11A-CDD	total	5180	---	---	1.48	≤11.00	PASS
11A-CDD	Ant1	5200	-1.99	0.00	-1.99	≤11.00	PASS
11A-CDD	Ant2	5200	-2.46	0.00	-2.46	≤11.00	PASS
11A-CDD	total	5200	---	---	0.79	≤11.00	PASS
11A-CDD	Ant1	5240	-0.87	0.00	-0.87	≤11.00	PASS
11A-CDD	Ant2	5240	-1.37	0.00	-1.37	≤11.00	PASS
11A-CDD	total	5240	---	---	1.90	≤11.00	PASS
11A-CDD	Ant1	5745	-2.85	0.00	-2.85	≤30.00	PASS
11A-CDD	Ant2	5745	-1.68	0.00	-1.68	≤30.00	PASS
11A-CDD	total	5745	---	---	0.78	≤30.00	PASS
11A-CDD	Ant1	5785	-1.4	0.00	-1.40	≤30.00	PASS
11A-CDD	Ant2	5785	-0.33	0.00	-0.33	≤30.00	PASS
11A-CDD	total	5785	---	---	2.18	≤30.00	PASS
11A-CDD	Ant1	5825	-1.48	0.00	-1.48	≤30.00	PASS
11A-CDD	Ant2	5825	-0.23	0.00	-0.23	≤30.00	PASS
11A-CDD	total	5825	---	---	2.20	≤30.00	PASS
11N20MIMO	Ant1	5180	-3.35	0.00	-3.35	≤11.00	PASS
11N20MIMO	Ant2	5180	-3.63	0.00	-3.63	≤11.00	PASS
11N20MIMO	total	5180	---	---	-0.48	≤11.00	PASS
11N20MIMO	Ant1	5200	-3.72	0.00	-3.72	≤11.00	PASS
11N20MIMO	Ant2	5200	-3.82	0.00	-3.82	≤11.00	PASS
11N20MIMO	total	5200	---	---	-0.76	≤11.00	PASS
11N20MIMO	Ant1	5240	-2.77	0.00	-2.77	≤11.00	PASS
11N20MIMO	Ant2	5240	-2.77	0.00	-2.77	≤11.00	PASS
11N20MIMO	total	5240	---	---	0.24	≤11.00	PASS
11N20MIMO	Ant1	5745	-4.43	0.00	-4.43	≤30.00	PASS
11N20MIMO	Ant2	5745	-3.29	0.00	-3.29	≤30.00	PASS
11N20MIMO	total	5745	---	---	-0.81	≤30.00	PASS
11N20MIMO	Ant1	5785	-3.28	0.00	-3.28	≤30.00	PASS
11N20MIMO	Ant2	5785	-1.93	0.00	-1.93	≤30.00	PASS
11N20MIMO	total	5785	---	---	0.46	≤30.00	PASS
11N20MIMO	Ant1	5825	-2.48	0.00	-2.48	≤30.00	PASS
11N20MIMO	Ant2	5825	-1.51	0.00	-1.51	≤30.00	PASS



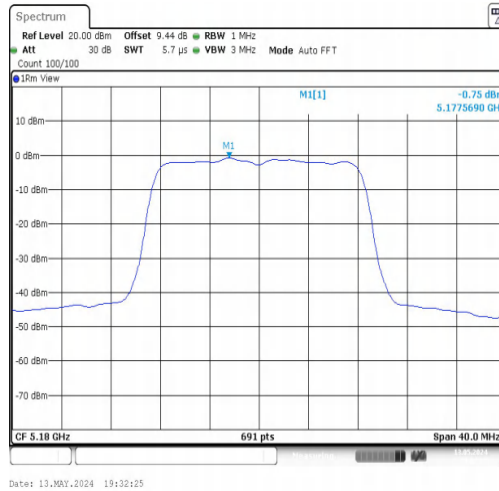
11N20MIMO	total	5825	---	---	1.04	≤30.00	PASS
11N40MIMO	Ant1	5190	-7.26	0.00	-7.26	≤11.00	PASS
11N40MIMO	Ant2	5190	-6.81	0.00	-6.81	≤11.00	PASS
11N40MIMO	total	5190	---	---	-4.02	≤11.00	PASS
11N40MIMO	Ant1	5230	-7.15	0.00	-7.15	≤11.00	PASS
11N40MIMO	Ant2	5230	-6.74	0.00	-6.74	≤11.00	PASS
11N40MIMO	total	5230	---	---	-3.93	≤11.00	PASS
11N40MIMO	Ant1	5755	-7.05	0.00	-7.05	≤30.00	PASS
11N40MIMO	Ant2	5755	-5.58	0.00	-5.58	≤30.00	PASS
11N40MIMO	total	5755	---	---	-3.24	≤30.00	PASS
11N40MIMO	Ant1	5795	-5.9	0.00	-5.90	≤30.00	PASS
11N40MIMO	Ant2	5795	-4.89	0.00	-4.89	≤30.00	PASS
11N40MIMO	total	5795	---	---	-2.36	≤30.00	PASS
11AC80MIMO	Ant1	5210	-9.29	0.00	-9.29	≤11.00	PASS
11AC80MIMO	Ant2	5210	-8.79	0.00	-8.79	≤11.00	PASS
11AC80MIMO	total	5210	---	---	-6.02	≤11.00	PASS
11AC80MIMO	Ant1	5775	-8.08	0.00	-8.08	≤30.00	PASS
11AC80MIMO	Ant2	5775	-6.7	0.00	-6.70	≤30.00	PASS
11AC80MIMO	total	5775	---	---	-4.33	≤30.00	PASS

Note:

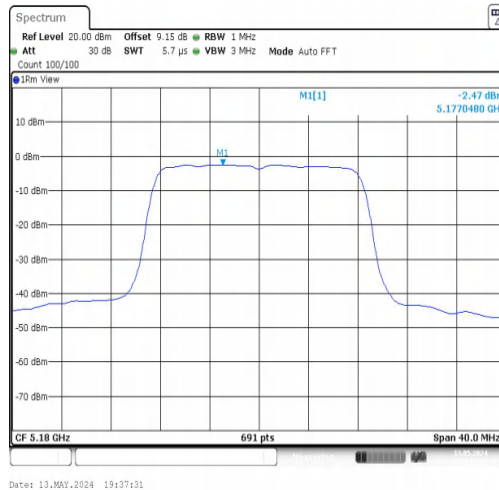
1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2. Result [dBm/MHz] = Reading [dBm/MHz] + DC Factor [dB]



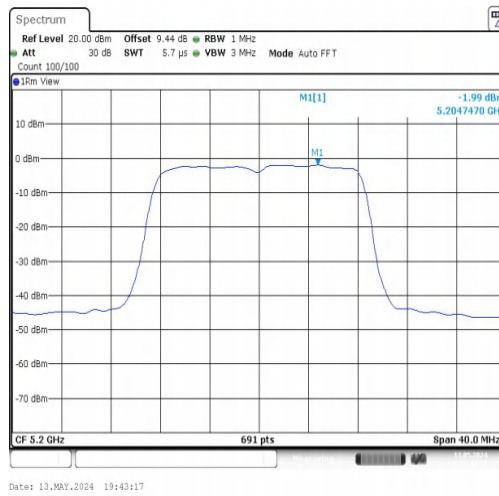
Test Graphs



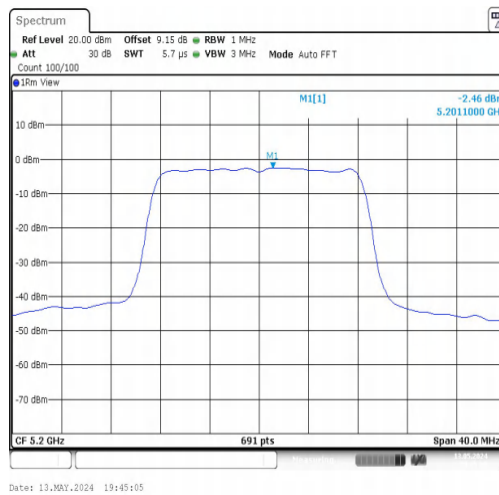
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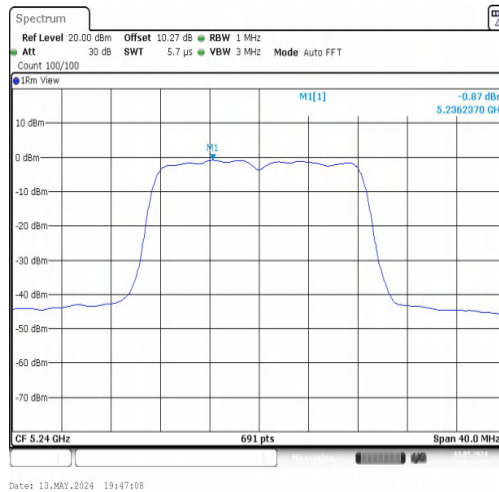
11A-CDD-Ant2-5180-PASS



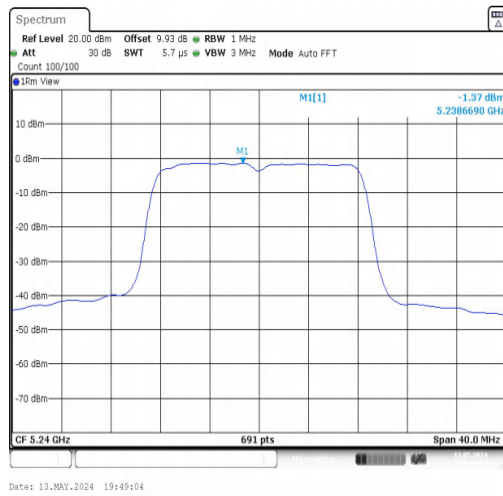
11A-CDD-Ant1-5200-PASS



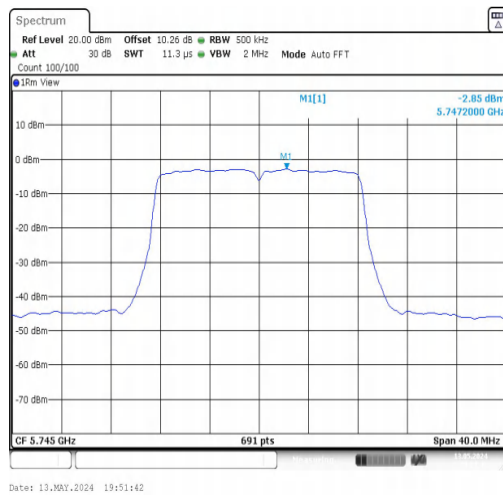
11A-CDD-Ant2-5200-PASS



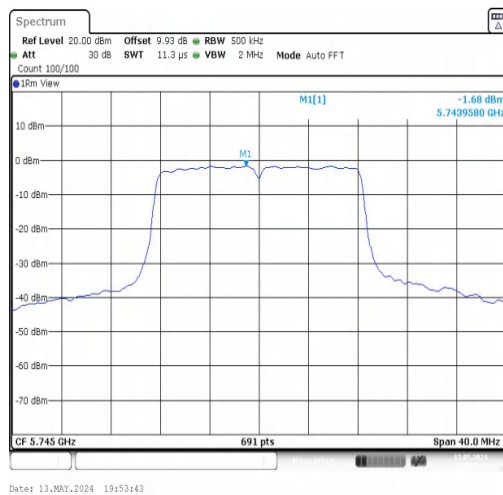
11A-CDD-Ant1-5240-PASS



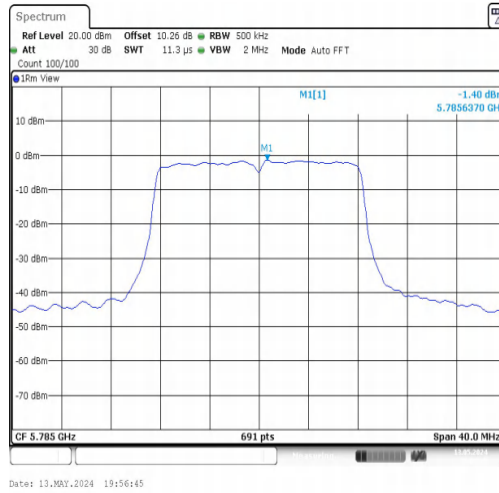
11A-CDD-Ant2-5240-PASS



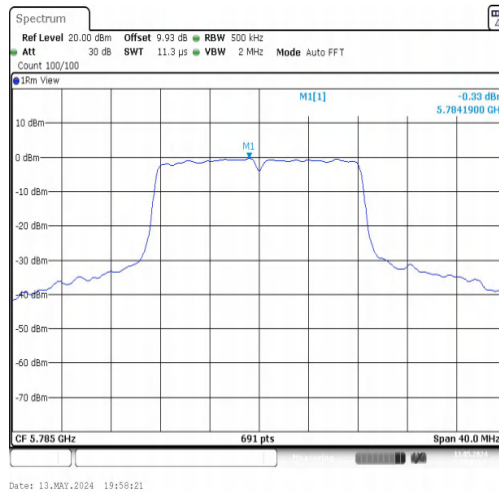
11A-CDD-Ant1-5745-PASS



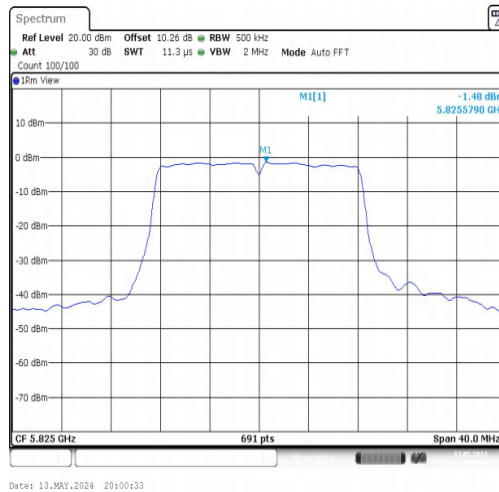
11A-CDD-Ant2-5745-PASS



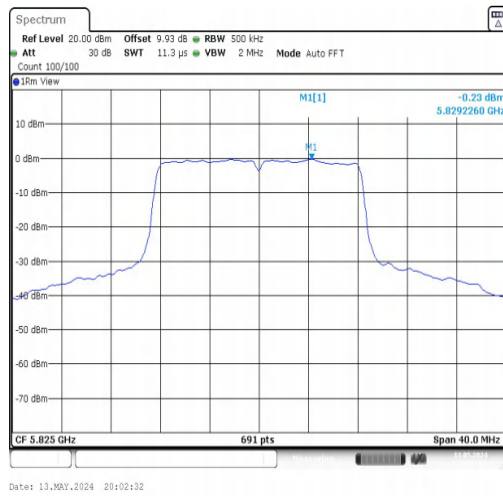
11A-CDD-Ant1-5785-PASS



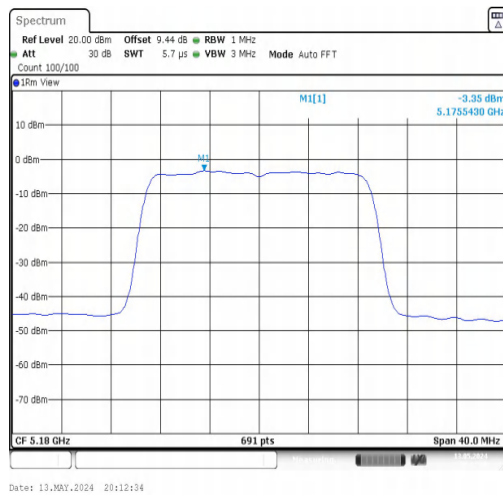
11A-CDD-Ant2-5785-PASS



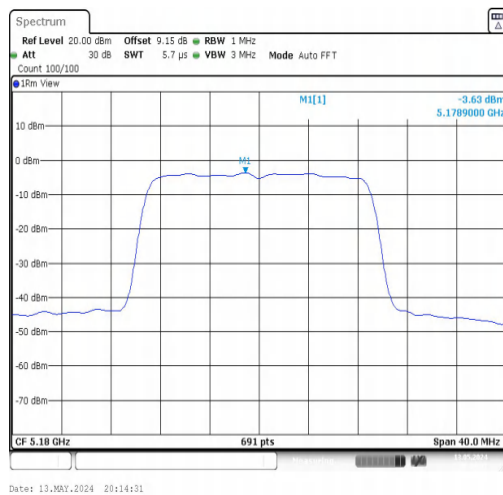
11A-CDD-Ant1-5825-PASS



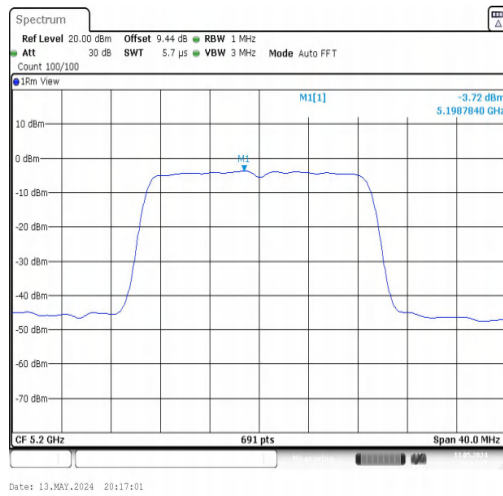
11A-CDD-Ant2-5825-PASS



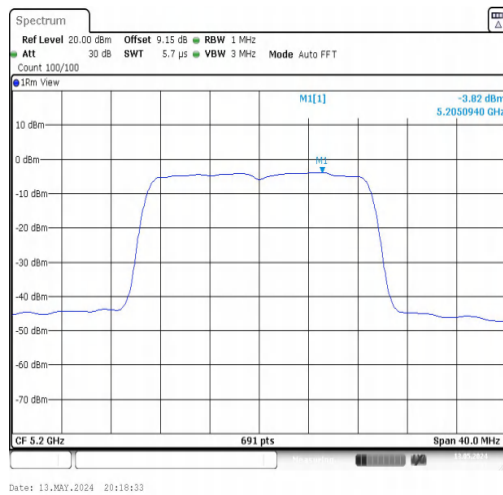
11N20MIMO-Ant1-5180-PASS



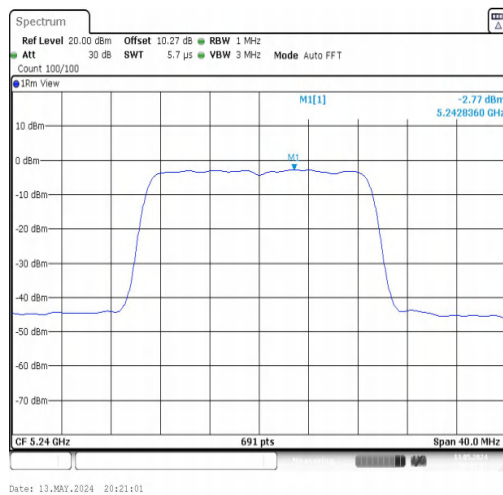
11N20MIMO-Ant2-5180-PASS



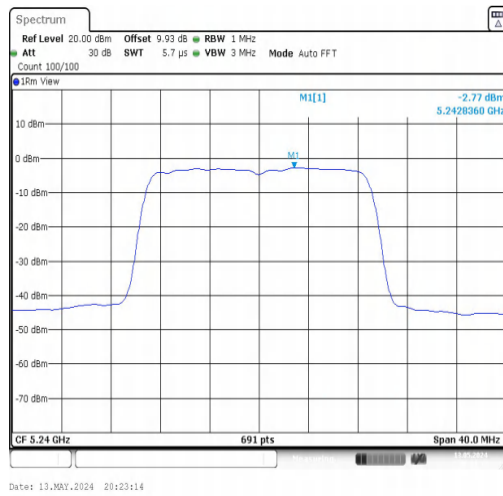
11N20MIMO-Ant1-5200-PASS



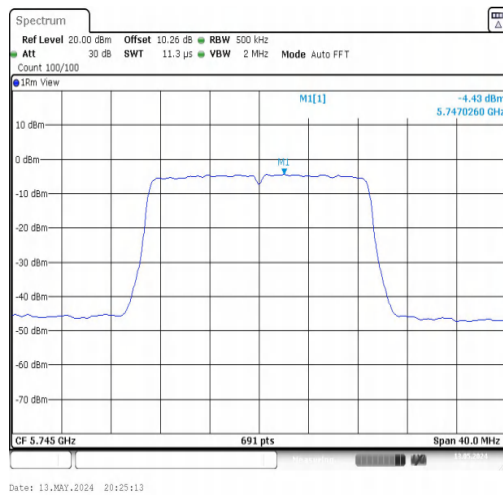
11N20MIMO-Ant2-5200-PASS



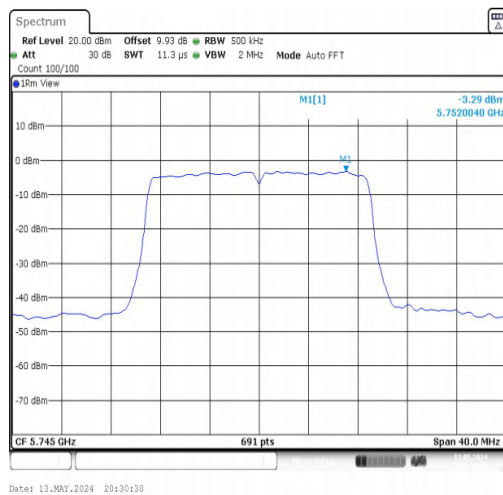
11N20MIMO-Ant1-5240-PASS



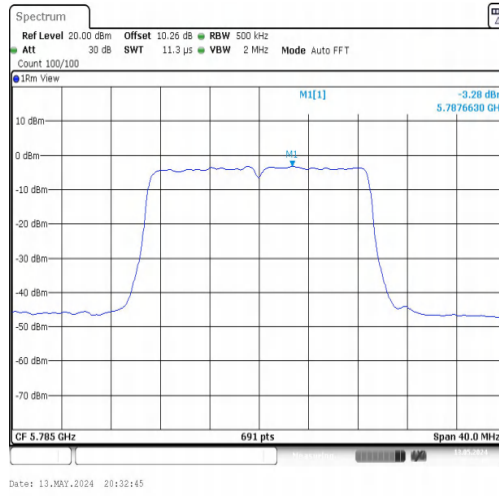
11N20MIMO-Ant2-5240-PASS



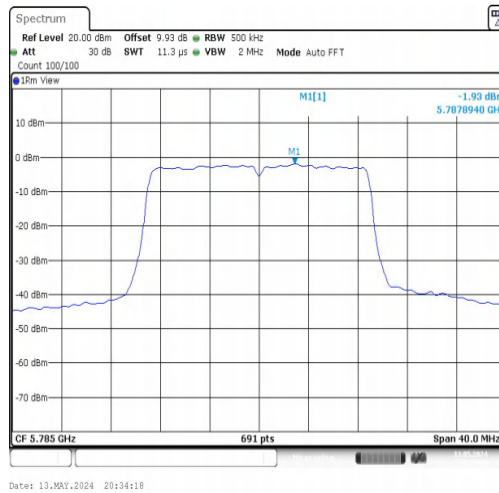
11N20MIMO-Ant1-5745-PASS



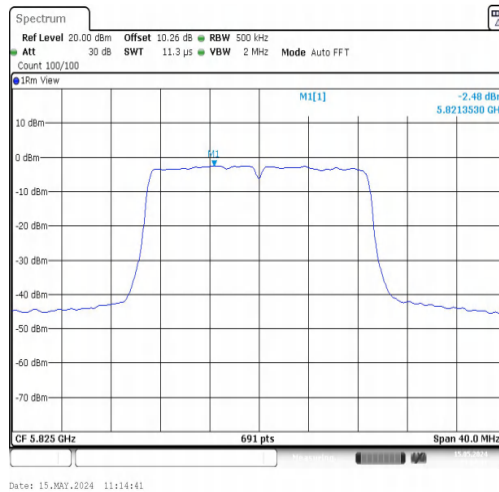
11N20MIMO-Ant2-5745-PASS



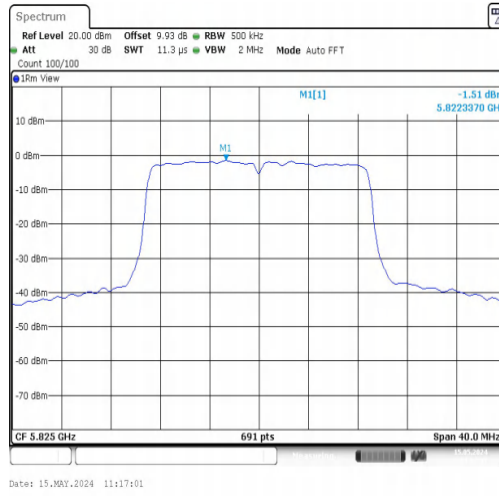
11N20MIMO-Ant1-5785-PASS



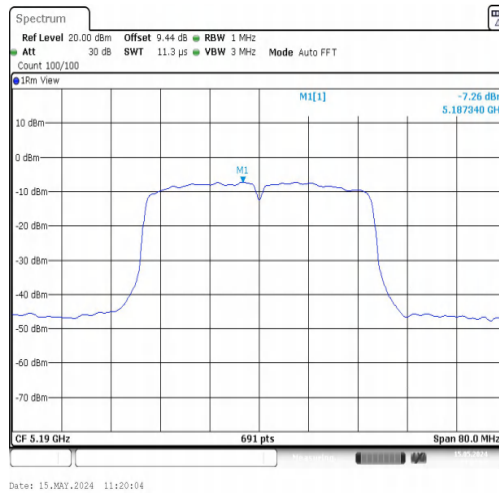
11N20MIMO-Ant2-5785-PASS



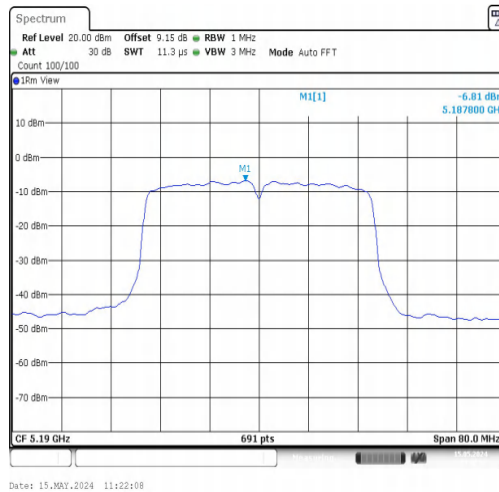
11N20MIMO-Ant1-5825-PASS



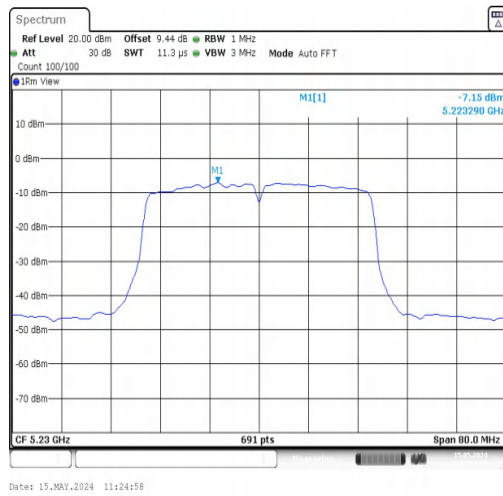
11N20MIMO-Ant2-5825-PASS



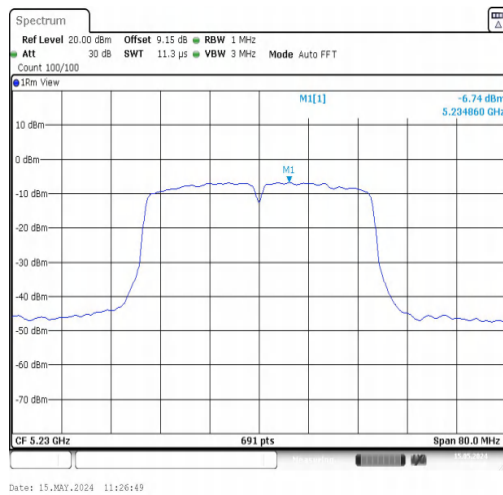
11N40MIMO-Ant1-5190-PASS



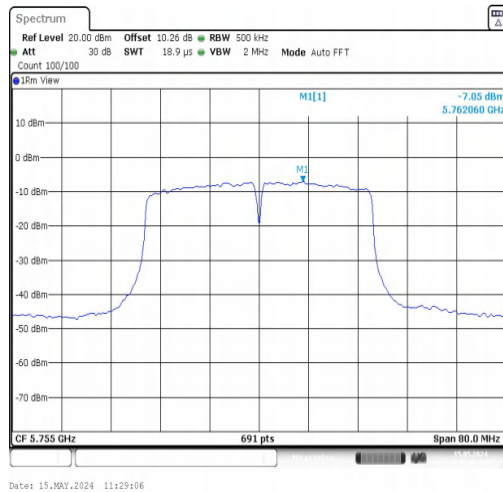
11N40MIMO-Ant2-5190-PASS



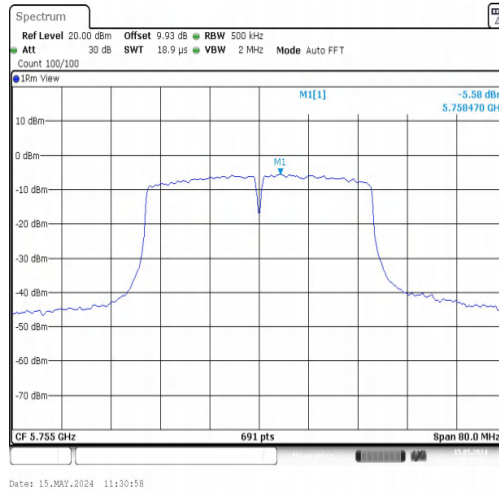
11N40MIMO-Ant1-5230-PASS



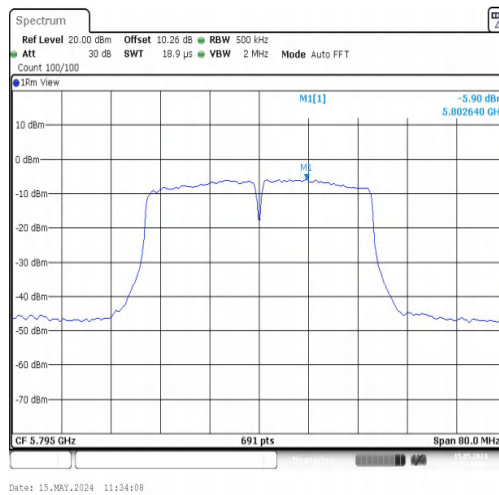
11N40MIMO-Ant2-5230-PASS



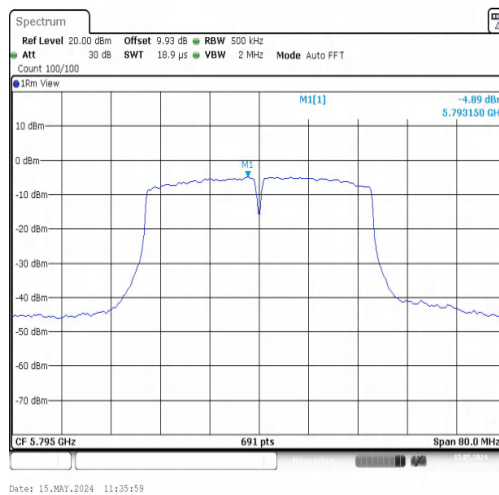
11N40MIMO-Ant1-5755-PASS



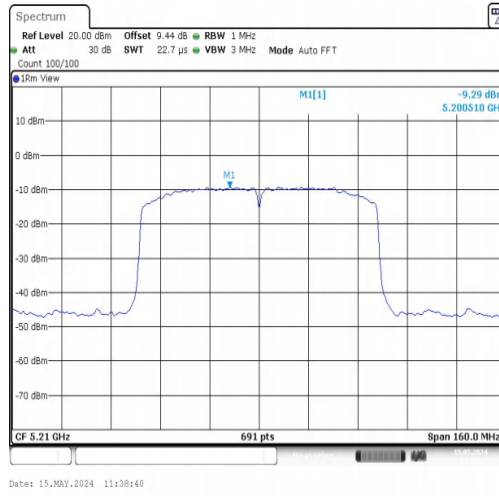
11N40MIMO-Ant2-5755-PASS



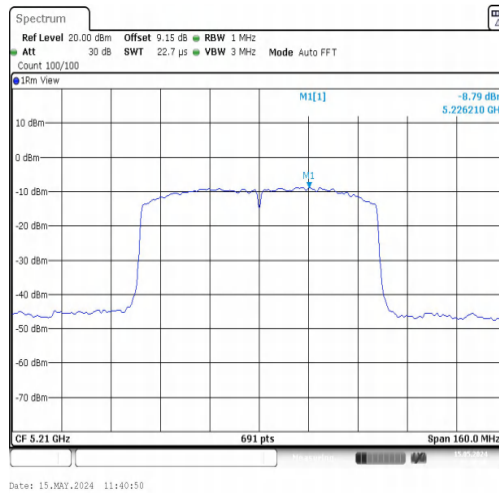
11N40MIMO-Ant1-5795-PASS



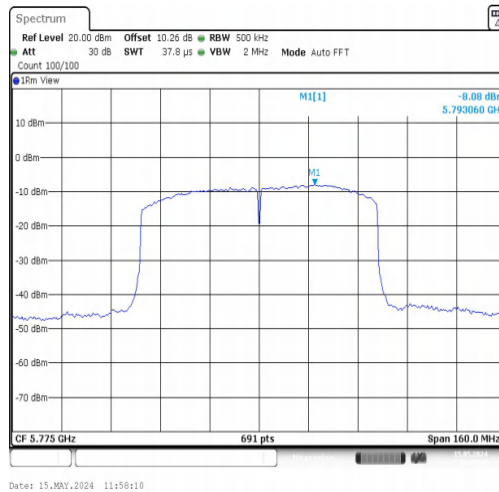
11N40MIMO-Ant2-5795-PASS



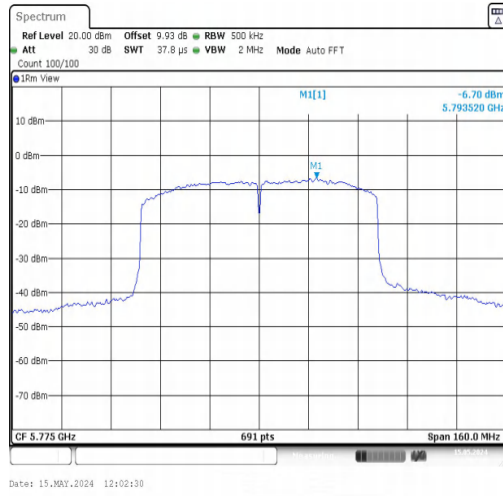
11AC80MIMO-Ant1-5210-PASS



11AC80MIMO-Ant2-5210-PASS



11AC80MIMO-Ant1-5775-PASS



11AC80MIMO-Ant2-5775-PASS



Appendix E: Frequency Stability

Test Result

Test Mode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A-CDD	Ant1	5180	NV	NT	-40000.00	-7.722008	20	PASS
11A-CDD	Ant1	5180	LV	NT	-40000.00	-7.722008	20	PASS
11A-CDD	Ant1	5180	HV	NT	-40000.00	-7.722008	20	PASS
11A-CDD	Ant2	5180	NV	NT	-40000.00	-7.722008	20	PASS
11A-CDD	Ant2	5180	LV	NT	-40000.00	-7.722008	20	PASS
11A-CDD	Ant2	5180	HV	NT	-40000.00	-7.722008	20	PASS

Test Mode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A-CDD	Ant1	5180	NV	-30	-40000.00	-7.722008	20	PASS
11A-CDD	Ant1	5180	NV	-20	-40000.00	-7.722008	20	PASS
11A-CDD	Ant1	5180	NV	-10	-40000.00	-7.722008	20	PASS
11A-CDD	Ant1	5180	NV	0	-40000.00	-7.722008	20	PASS
11A-CDD	Ant1	5180	NV	10	-40000.00	-7.722008	20	PASS
11A-CDD	Ant1	5180	NV	20	-40000.00	-7.722008	20	PASS
11A-CDD	Ant1	5180	NV	30	-40000.00	-7.722008	20	PASS
11A-CDD	Ant1	5180	NV	40	-40000.00	-7.722008	20	PASS
11A-CDD	Ant1	5180	NV	50	-40000.00	-7.722008	20	PASS
11A-CDD	Ant2	5180	NV	-30	-40000.00	-7.722008	20	PASS
11A-CDD	Ant2	5180	NV	-20	-40000.00	-7.722008	20	PASS
11A-CDD	Ant2	5180	NV	-10	-40000.00	-7.722008	20	PASS
11A-CDD	Ant2	5180	NV	0	-40000.00	-7.722008	20	PASS
11A-CDD	Ant2	5180	NV	10	-40000.00	-7.722008	20	PASS
11A-CDD	Ant2	5180	NV	20	-40000.00	-7.722008	20	PASS
11A-CDD	Ant2	5180	NV	30	-40000.00	-7.722008	20	PASS
11A-CDD	Ant2	5180	NV	40	-40000.00	-7.722008	20	PASS
11A-CDD	Ant2	5180	NV	50	-40000.00	-7.722008	20	PASS