

RF Test Data for 5G Wi-Fi (Conducted Measurements)

General Description of EUT	
Product Name:	Portable Gaming Computer(Tablet computer)
Test Model:	AYANEO Pocket S
Sample ID:	HC-C-202402-0101-01-04-2#
Environmental Conditions	
Temperature:	23.8℃
Relative Humidity:	48%
Test Voltage:	DC 3.85V
Test Engineer:	Jolin Lee
Note: For a more detailed features description, please refer to the report TBR-C-202402-0101-33	

Contents

1. Emission Bandwidth.....	3
1.1. Test Result.....	3
2.1. Test Graphs	4
2. Occupied channel bandwidth	18
2.1. Test Result.....	18
2.2. Test Graphs	20
3. Min emission bandwidth	47
3.1. Test Result.....	47
3.2. Test Graphs	48
4. Maximum conducted output power.....	62
4.1. Test Result.....	62
5. Maximum power spectral density	65
5.1. Test Result.....	65
5.2. Test Graphs	68
6. Band edge measurements	95
6.1. Test Result.....	95
6.2. Test Graphs	100
7. Emissions in Restricted Bands.....	125
7.1. Test Result.....	125
7.2. Test Graphs	138
8. Conducted Spurious Emission.....	175
8.1. Test Result.....	175
8.2. Test Graphs	179
9. Frequency Stability	233
9.1. Test Result.....	233
10. Duty Cycle	242
10.1. Test Result.....	242
10.2. Test Graphs	244

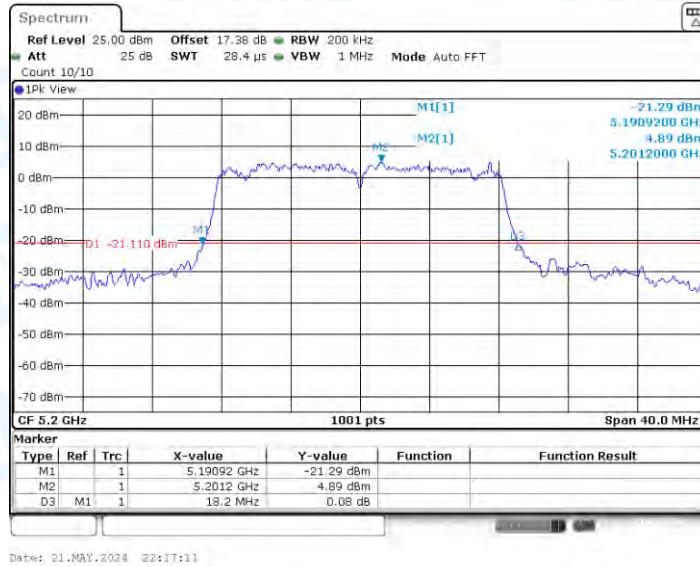
1. Emission Bandwidth

1.1. Test Result

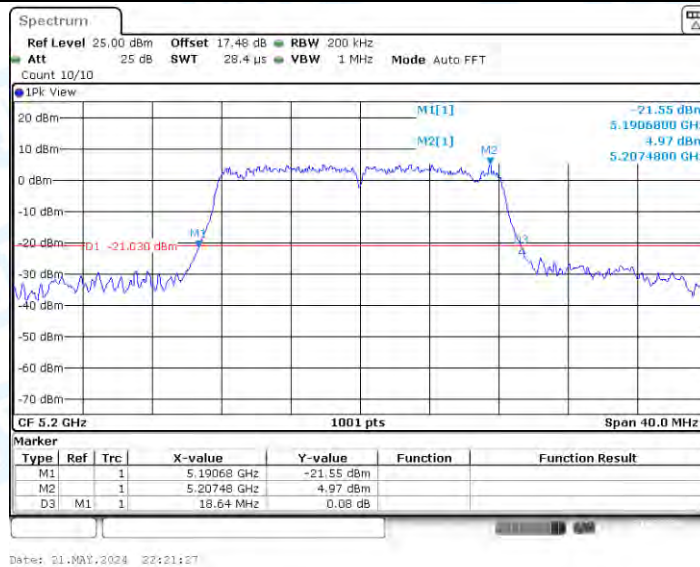
TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	18.20	5170.84	5189.04	---	---
	Ant2	5180	18.08	5170.96	5189.04	---	---
	Ant1	5200	18.20	5190.92	5209.12	---	---
	Ant2	5200	18.64	5190.68	5209.32	---	---
	Ant1	5240	18.32	5230.76	5249.08	---	---
	Ant2	5240	18.28	5230.76	5249.04	---	---
11N20MIMO	Ant1	5180	23.28	5168.56	5191.84	---	---
	Ant2	5180	23.16	5168.32	5191.48	---	---
	Ant1	5200	23.56	5188.12	5211.68	---	---
	Ant2	5200	23.44	5188.56	5212.00	---	---
	Ant1	5240	23.32	5228.56	5251.88	---	---
	Ant2	5240	23.52	5228.24	5251.76	---	---
11N40MIMO	Ant1	5190	45.20	5167.60	5212.80	---	---
	Ant2	5190	44.24	5167.68	5211.92	---	---
	Ant1	5230	46.24	5206.80	5253.04	---	---
	Ant2	5230	45.12	5207.36	5252.48	---	---
11AC20MIMO	Ant1	5180	23.08	5168.48	5191.56	---	---
	Ant2	5180	23.32	5168.36	5191.68	---	---
	Ant1	5200	23.12	5188.32	5211.44	---	---
	Ant2	5200	23.40	5188.40	5211.80	---	---
	Ant1	5240	23.32	5228.40	5251.72	---	---
	Ant2	5240	23.04	5228.56	5251.60	---	---
11AC40MIMO	Ant1	5190	44.64	5167.84	5212.48	---	---
	Ant2	5190	44.32	5167.68	5212.00	---	---
	Ant1	5230	45.92	5207.12	5253.04	---	---
	Ant2	5230	45.04	5207.12	5252.16	---	---
11AC80MIMO	Ant1	5210	90.08	5164.08	5254.16	---	---
	Ant2	5210	88.96	5166.00	5254.96	---	---
11AX20MIMO	Ant1	5180	23.12	5168.52	5191.64	---	---
	Ant2	5180	22.72	5168.64	5191.36	---	---
	Ant1	5200	23.00	5188.20	5211.20	---	---
	Ant2	5200	23.28	5188.32	5211.60	---	---
	Ant1	5240	22.80	5228.64	5251.44	---	---
	Ant2	5240	22.64	5228.84	5251.48	---	---
11AX40MIMO	Ant1	5190	43.36	5168.32	5211.68	---	---
	Ant2	5190	43.60	5168.48	5212.08	---	---
	Ant1	5230	43.44	5208.72	5252.16	---	---
	Ant2	5230	42.80	5208.80	5251.60	---	---
11AX80MIMO	Ant1	5210	84.80	5167.28	5252.08	---	---
	Ant2	5210	85.60	5167.76	5253.36	---	---

2.1. Test Graphs

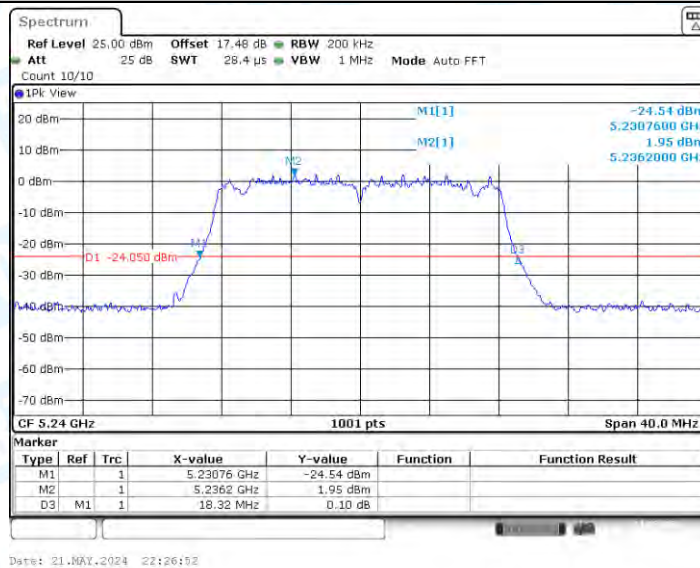




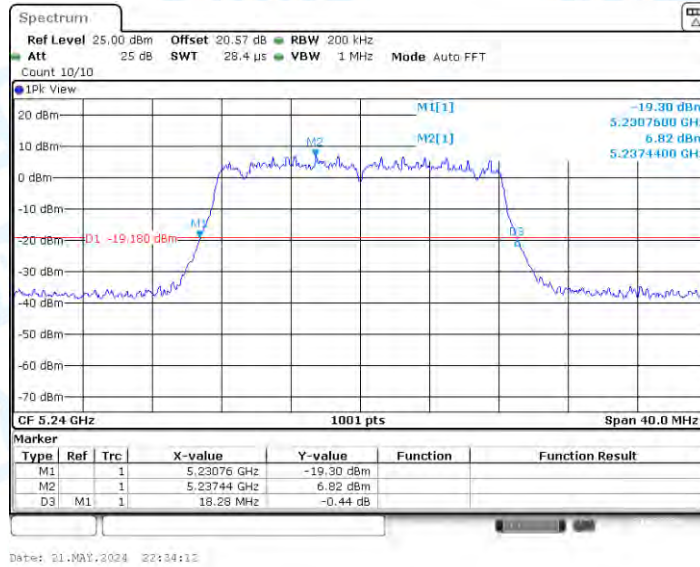
11A-CDD_Ant2_5200



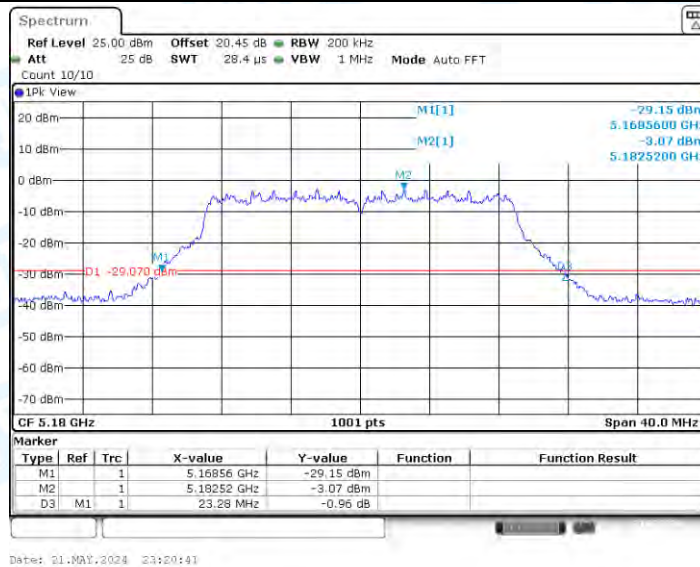
11A-CDD_Ant1_5240



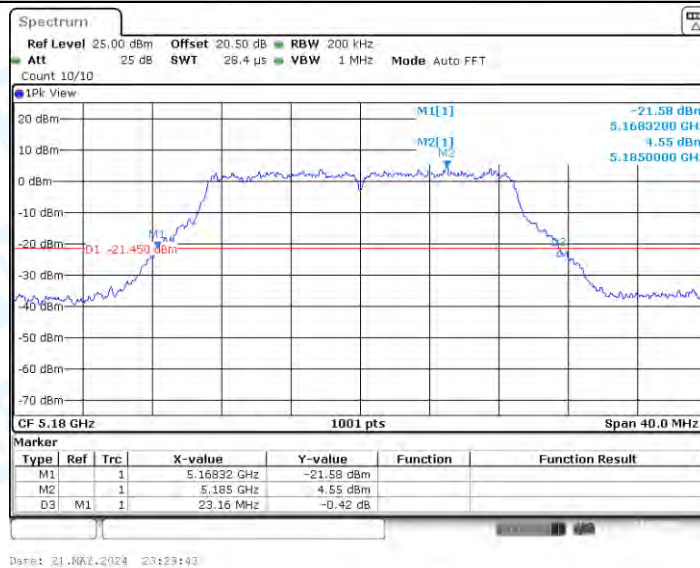
11A-CDD_Ant2_5240



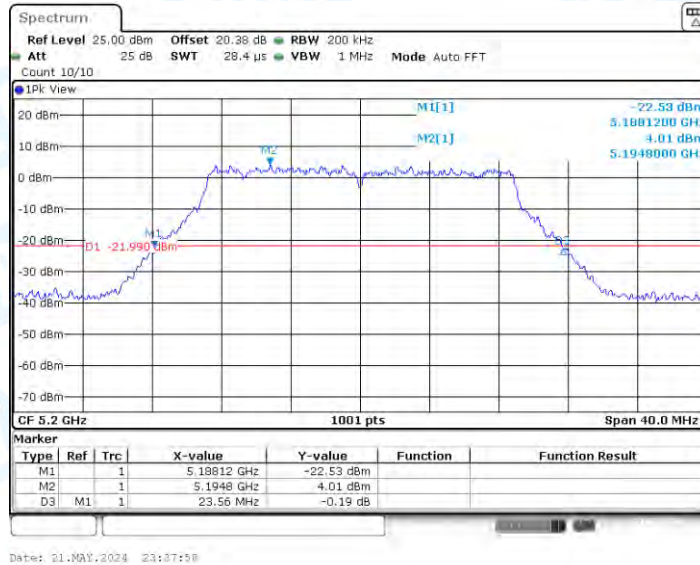
11N20MIMO_Ant1_5180



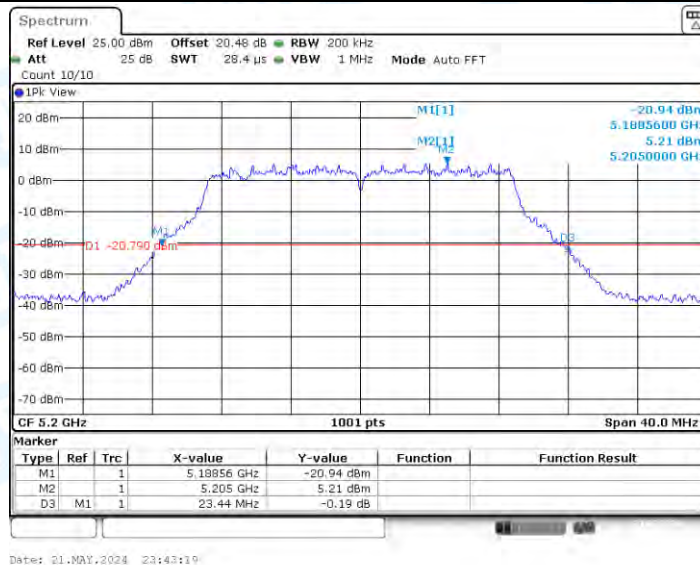
11N20MIMO_Ant2_5180



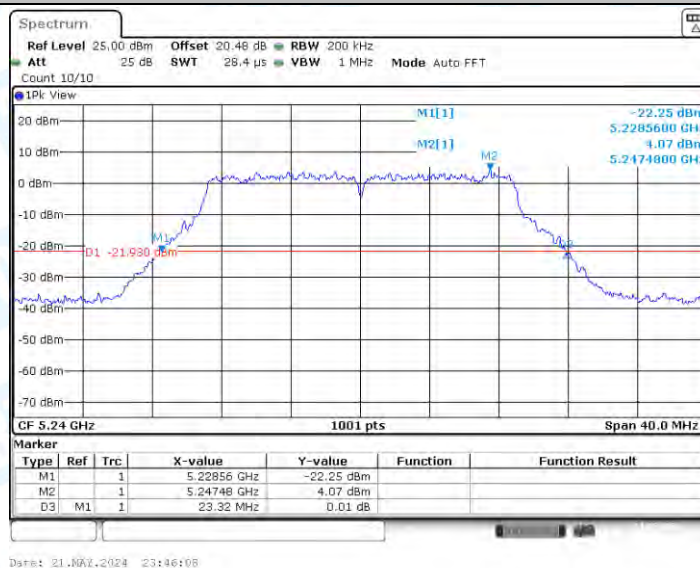
11N20MIMO_Ant1_5200



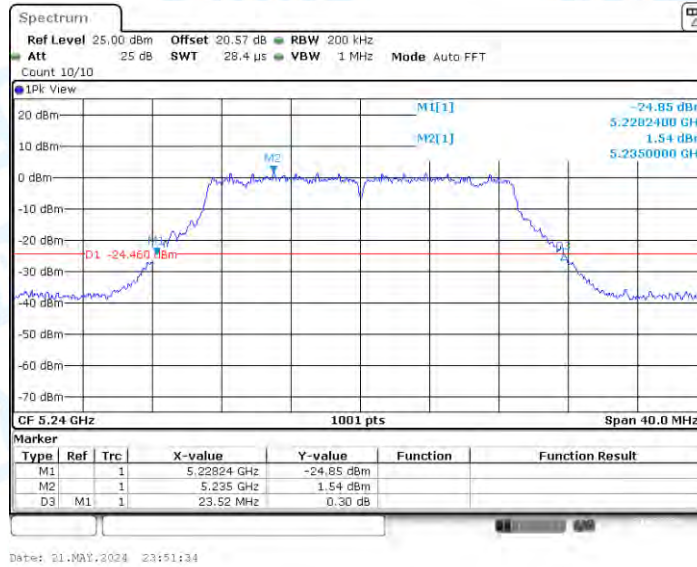
11N20MIMO_Ant2_5200



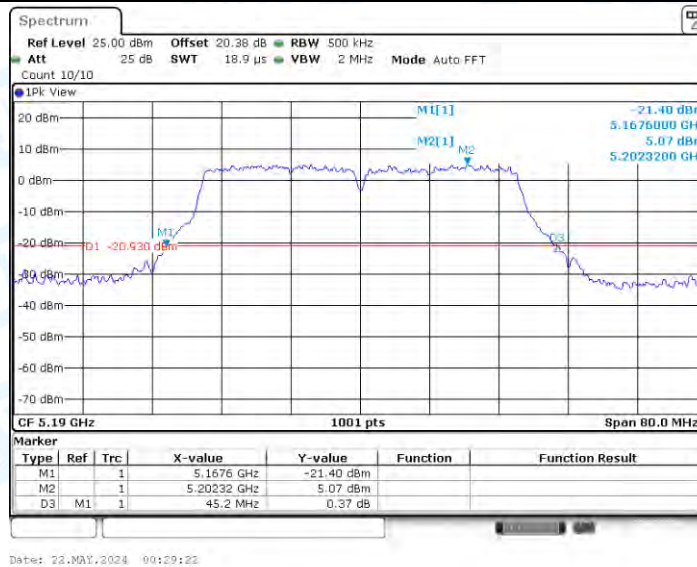
11N20MIMO_Ant1_5240



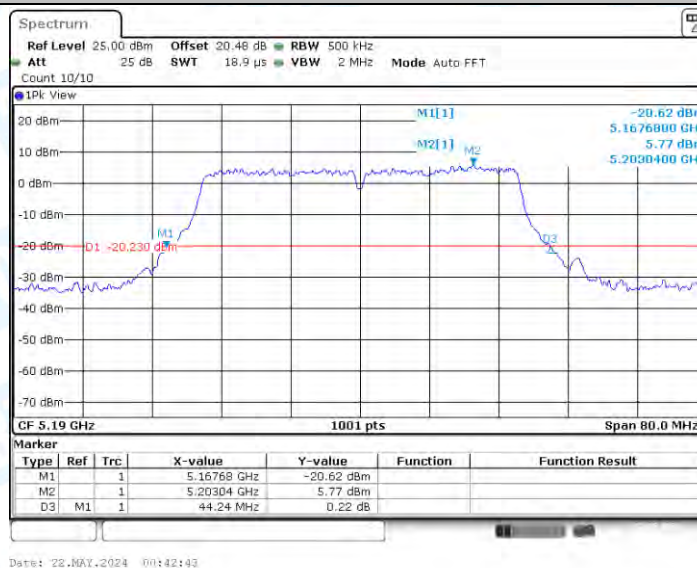
11N20MIMO_Ant2_5240



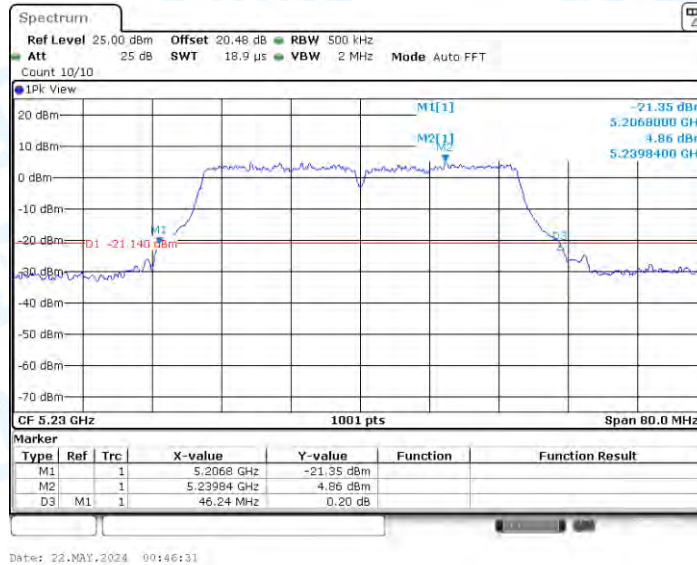
11N40MIMO_Ant1_5190



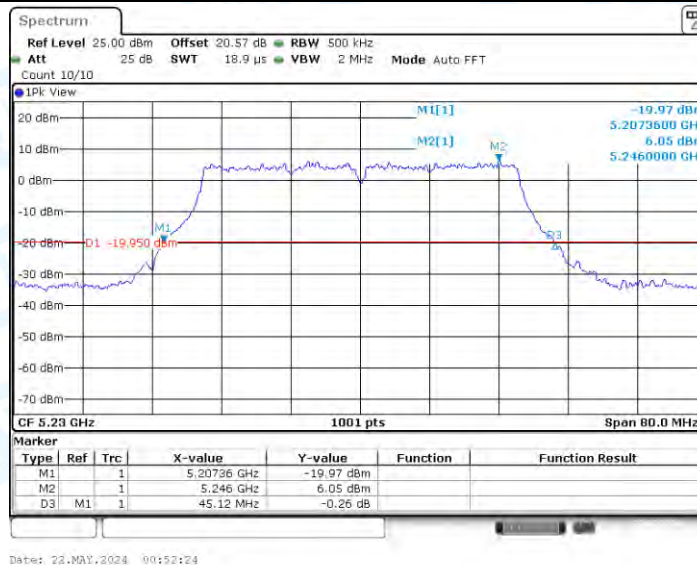
11N40MIMO_Ant2_5190



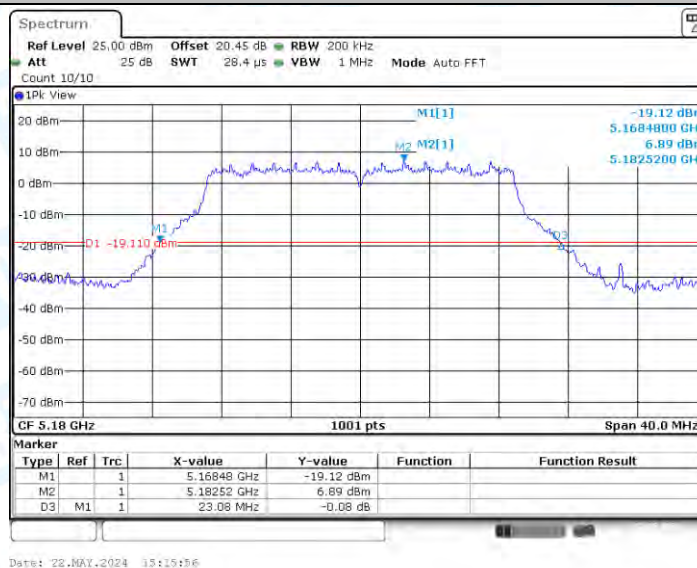
11N40MIMO_Ant1_5230



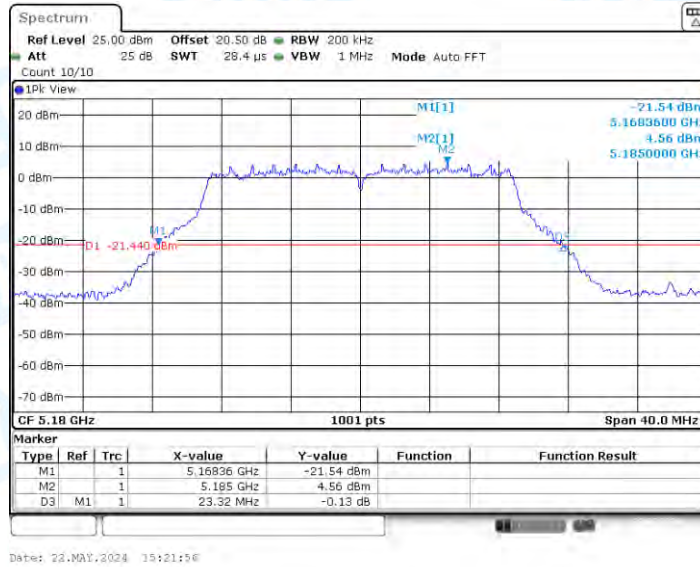
11N40MIMO_Ant2_5230



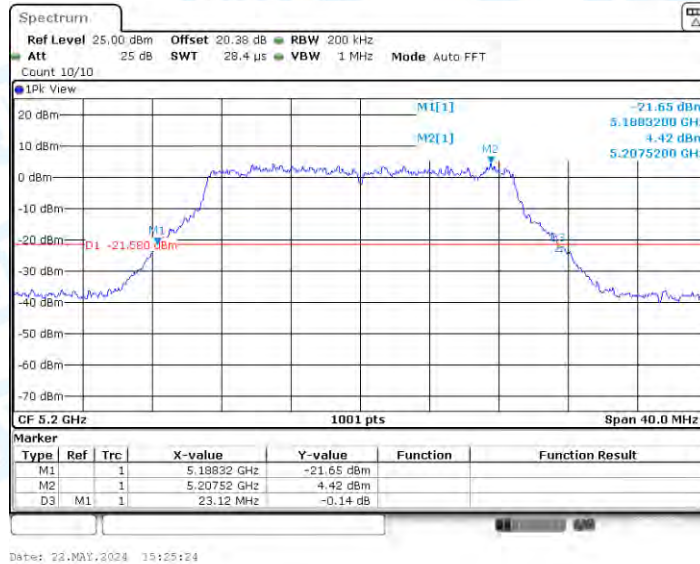
11AC20MIMO_Ant1_5180



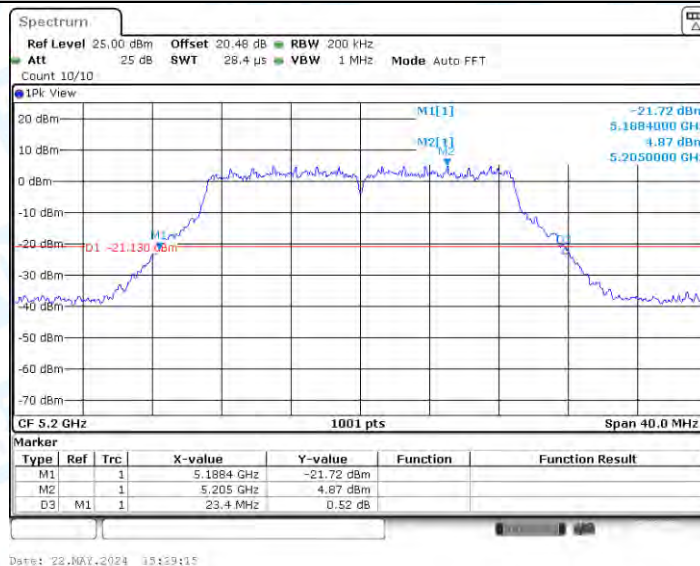
11AC20MIMO_Ant2_5180



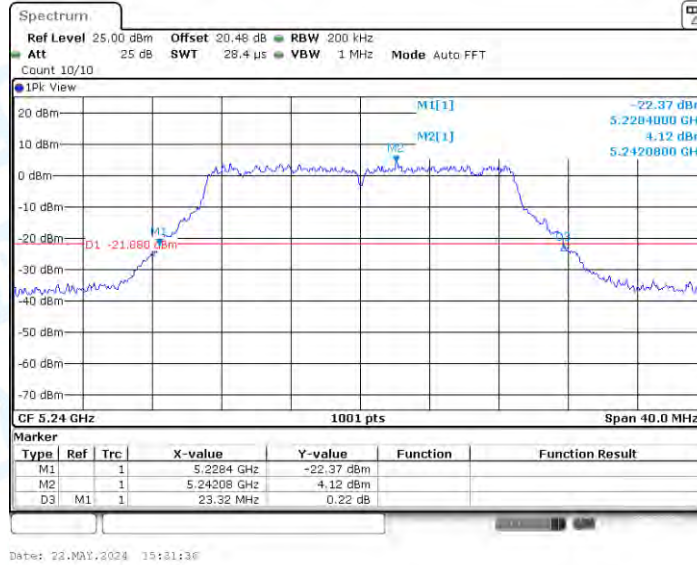
11AC20MIMO_Ant1_5200



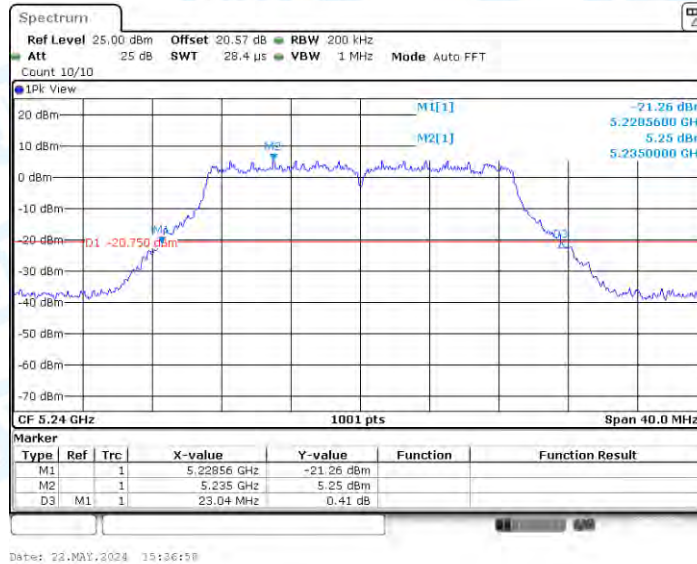
11AC20MIMO_Ant2_5200



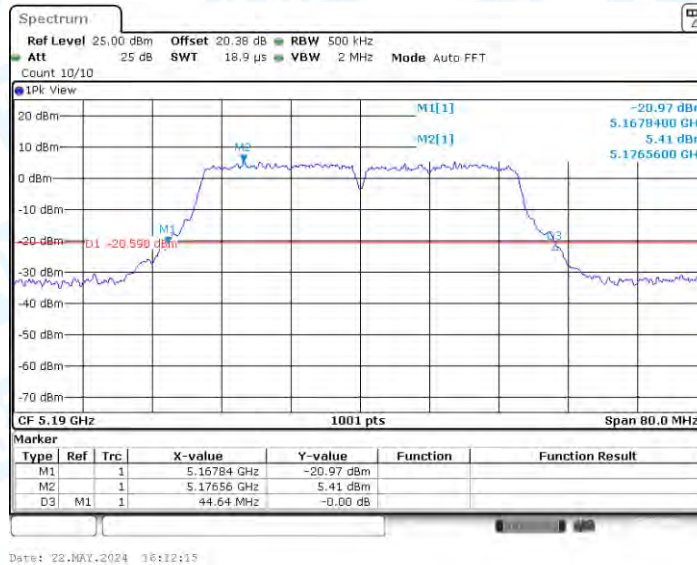
11AC20MIMO_Ant1_5240



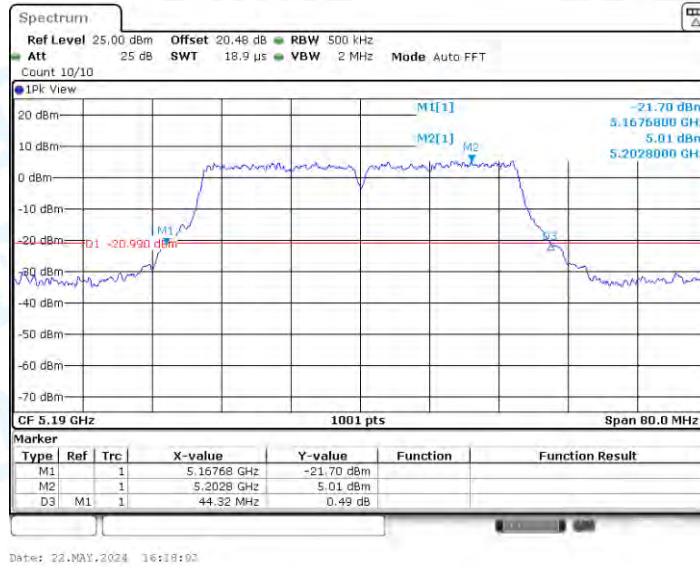
11AC20MIMO_Ant2_5240



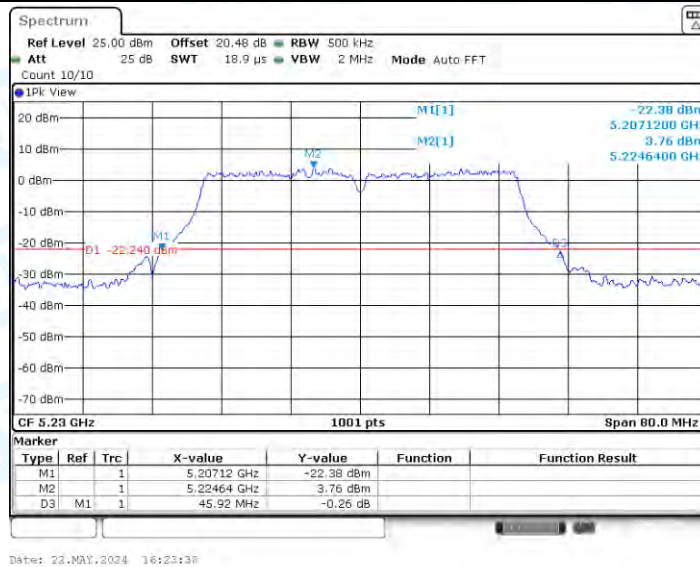
11AC40MIMO_Ant1_5190



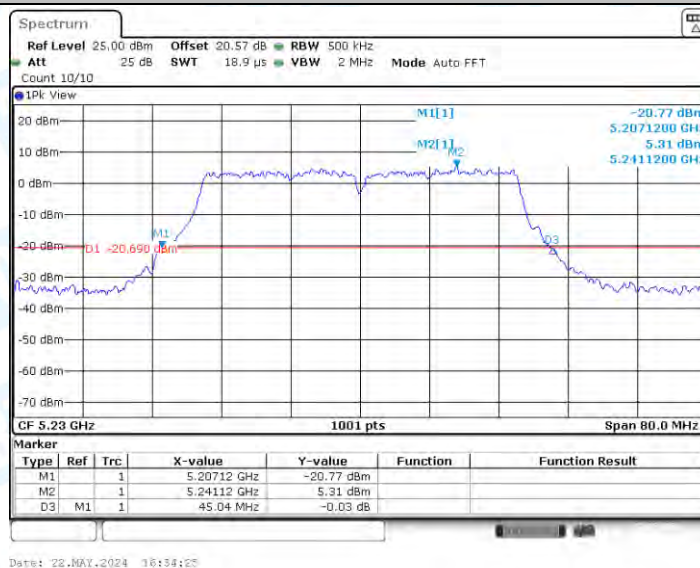
11AC40MIMO_Ant2_5190



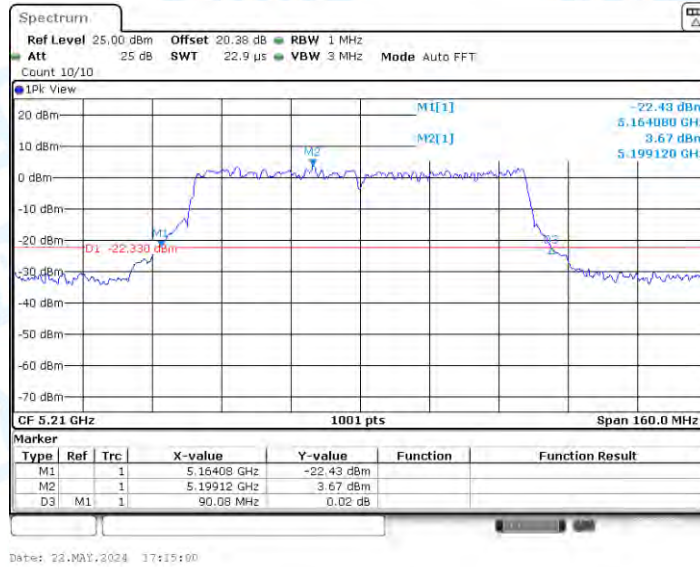
11AC40MIMO_Ant1_5230



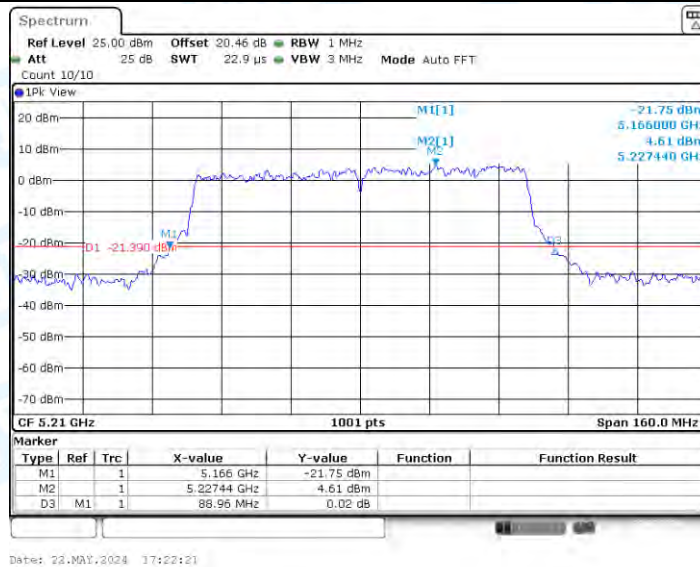
11AC40MIMO_Ant2_5230



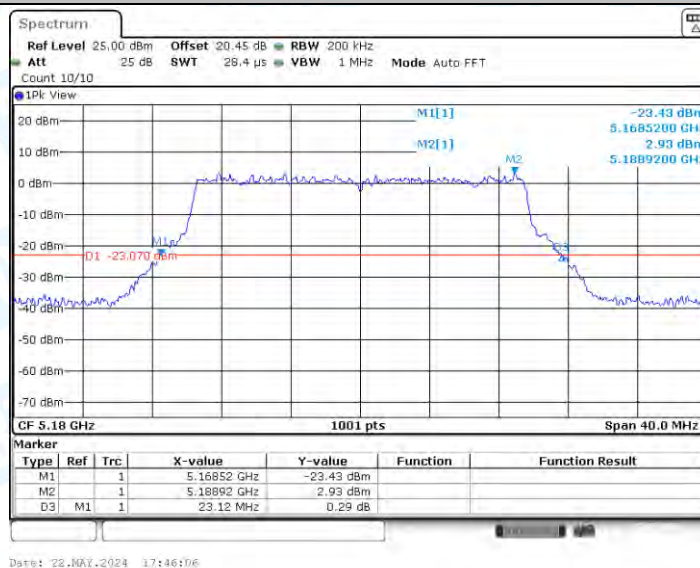
11AC80MIMO_Ant1_5210



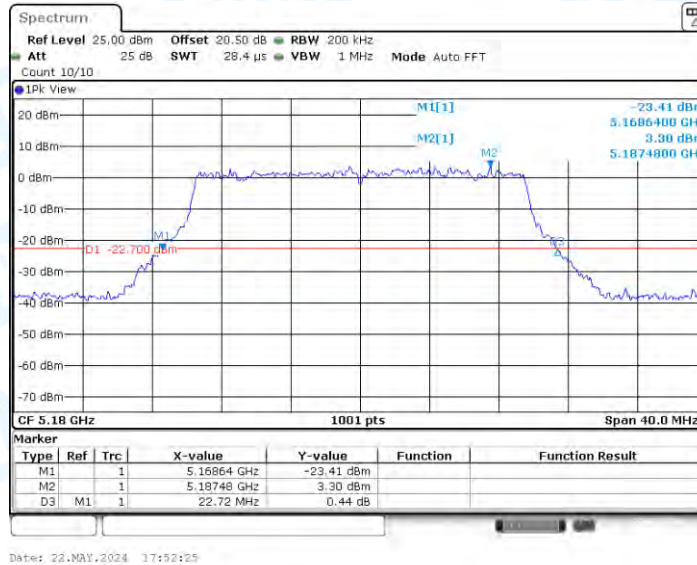
11AC80MIMO_Ant2_5210



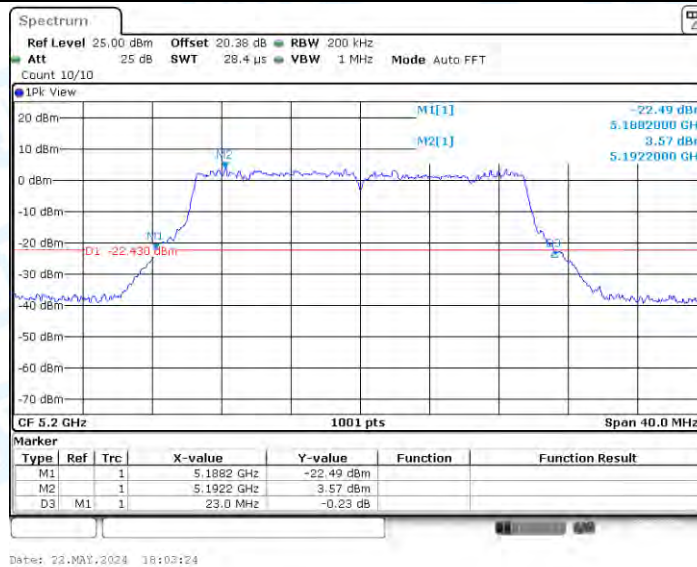
11AX20MIMO_Ant1_5180



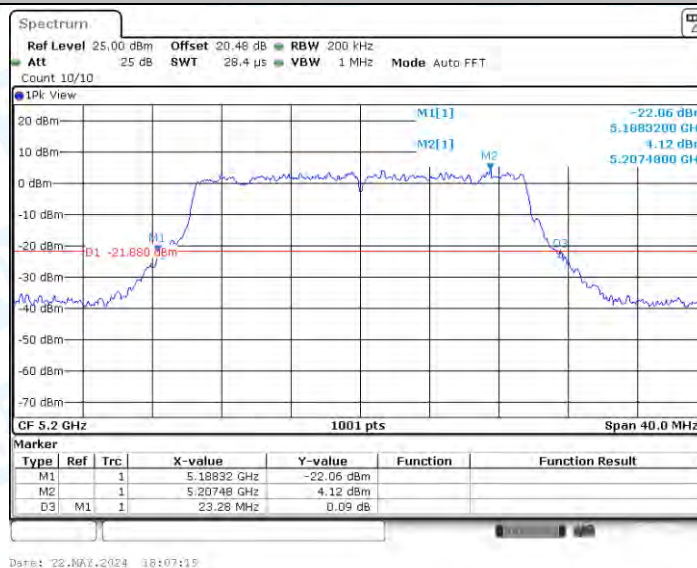
11AX20MIMO_Ant2_5180



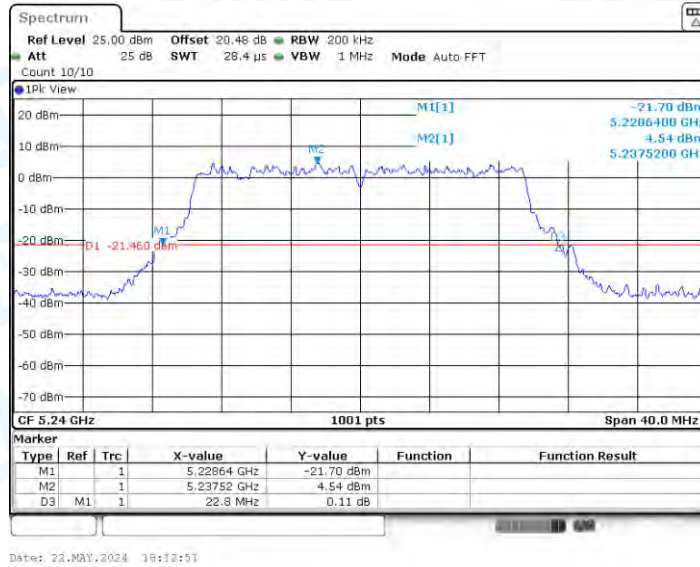
11AX20MIMO_Ant1_5200



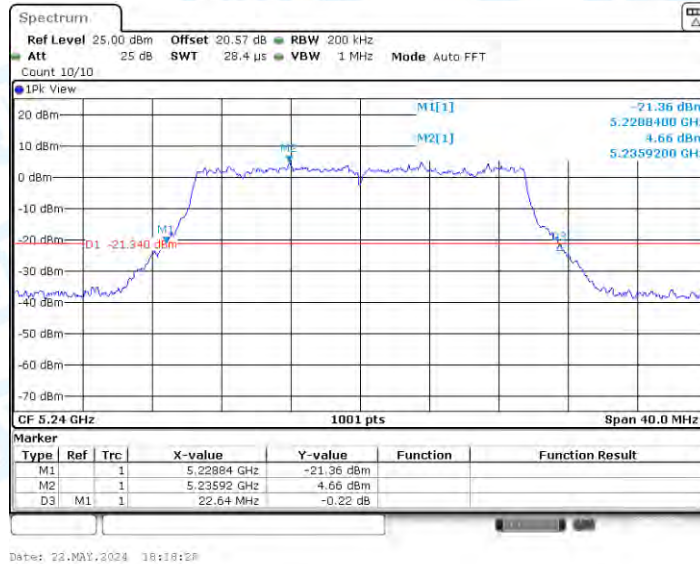
11AX20MIMO_Ant2_5200



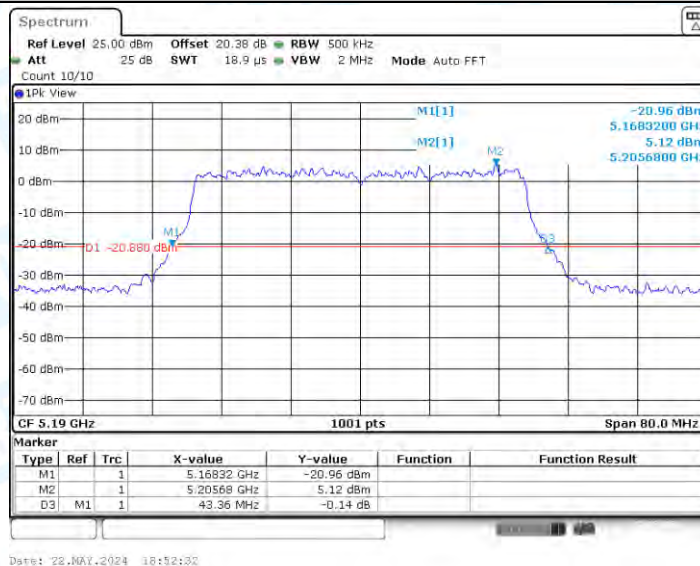
11AX20MIMO_Ant1_5240



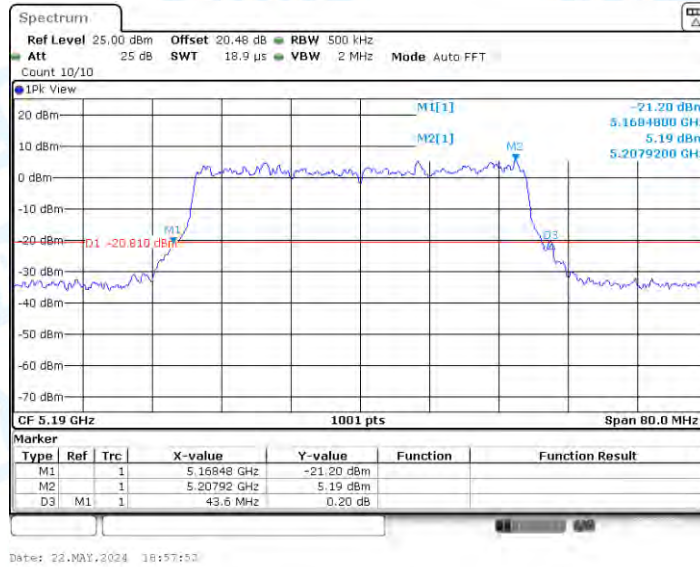
11AX20MIMO_Ant2_5240



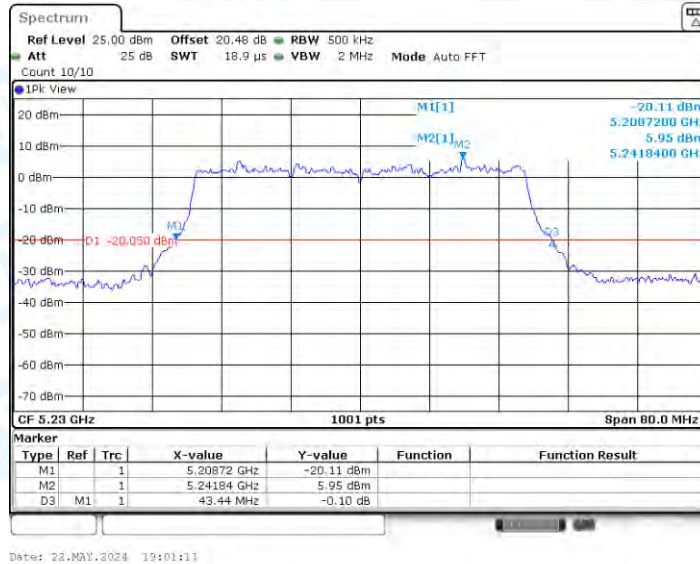
11AX40MIMO_Ant1_5190



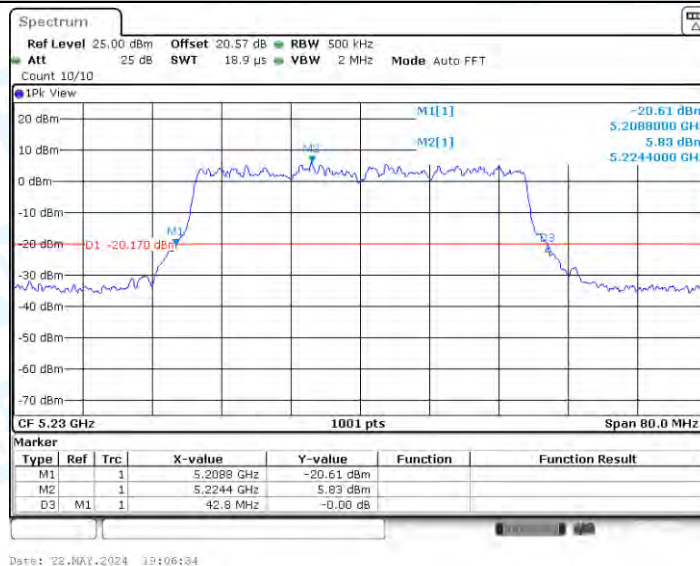
11AX40MIMO_Ant2_5190



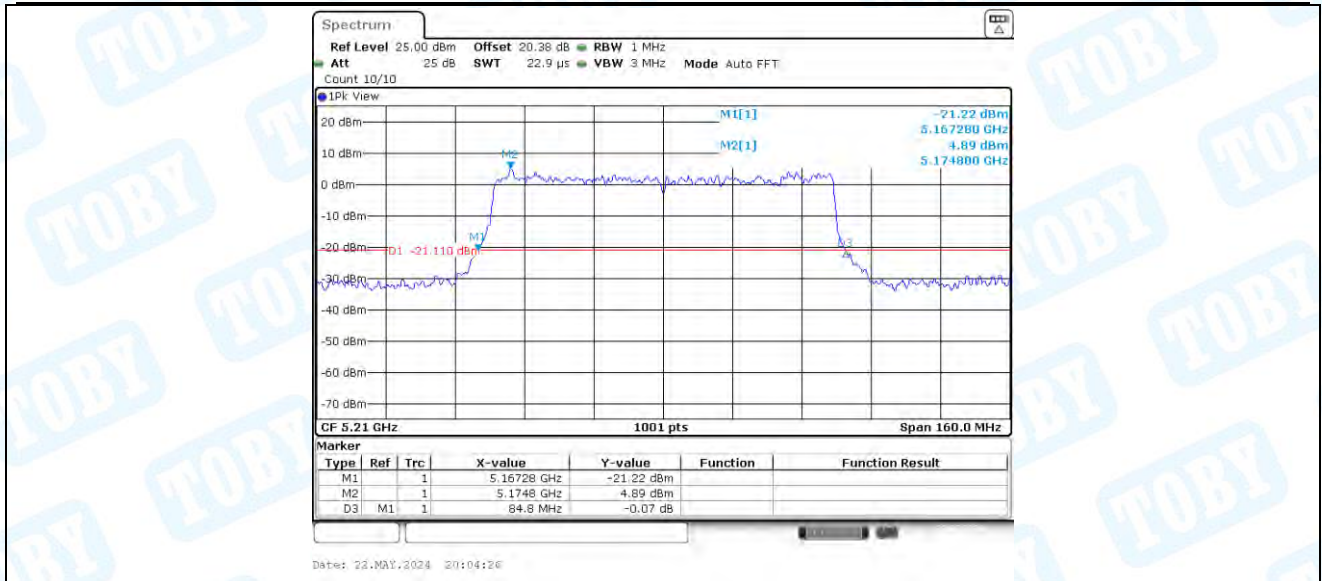
11AX40MIMO_Ant1_5230



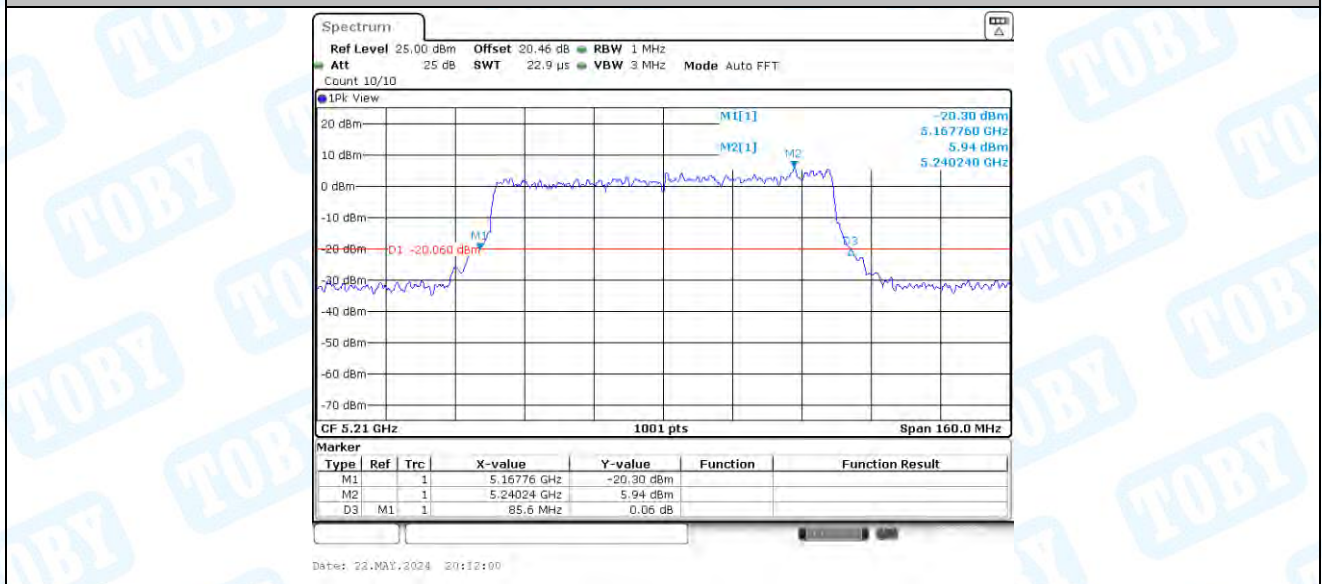
11AX40MIMO_Ant2_5230



11AX80MIMO_Ant1_5210



11AX80MIMO_Ant2_5210



2. Occupied channel bandwidth

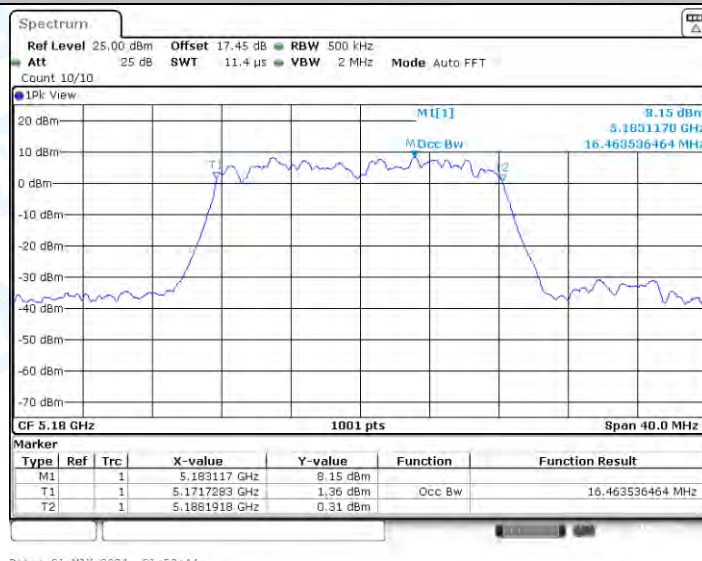
2.1. Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	16.464	5171.7283	5188.1918	---	---
	Ant2	5180	16.543	5171.7283	5188.2717	---	---
	Ant1	5200	16.543	5191.6484	5208.1918	---	---
	Ant2	5200	16.503	5191.7283	5208.2318	---	---
	Ant1	5240	16.424	5231.7682	5248.1918	---	---
	Ant2	5240	16.623	5231.6883	5248.3117	---	---
	Ant1	5745	17.023	5736.4885	5753.5115	---	---
	Ant2	5745	17.103	5736.5285	5753.6314	---	---
	Ant1	5785	17.143	5776.4486	5793.5914	---	---
	Ant2	5785	17.103	5776.5285	5793.6314	---	---
	Ant1	5825	17.103	5816.5285	5833.6314	---	---
	Ant2	5825	17.223	5816.4086	5833.6314	---	---
11N20MIMO	Ant1	5180	18.661	5170.7692	5189.4306	---	---
	Ant2	5180	18.382	5170.8492	5189.2308	---	---
	Ant1	5200	18.661	5190.6893	5209.3506	---	---
	Ant2	5200	18.581	5190.8891	5209.4705	---	---
	Ant1	5240	18.581	5230.8092	5249.3906	---	---
	Ant2	5240	18.462	5230.8092	5249.2707	---	---
	Ant1	5745	18.382	5735.8891	5754.2707	---	---
	Ant2	5745	18.462	5735.7293	5754.1908	---	---
	Ant1	5785	18.541	5775.7293	5794.2707	---	---
	Ant2	5785	18.741	5775.6094	5794.3506	---	---
	Ant1	5825	18.741	5815.4895	5834.2308	---	---
	Ant2	5825	18.541	5815.7293	5834.2707	---	---
11N40MIMO	Ant1	5190	36.683	5171.5385	5208.2218	---	---
	Ant2	5190	37.003	5171.6184	5208.6214	---	---
	Ant1	5230	37.403	5211.2987	5248.7013	---	---
	Ant2	5230	36.683	5211.6184	5248.3017	---	---
	Ant1	5755	37.323	5736.5385	5773.8611	---	---
	Ant2	5755	37.003	5736.5385	5773.5415	---	---
	Ant1	5795	37.083	5776.2987	5813.3816	---	---
	Ant2	5795	37.403	5776.2987	5813.7013	---	---
11AC20MIMO	Ant1	5180	18.462	5170.8092	5189.2707	---	---
	Ant2	5180	18.382	5170.9291	5189.3107	---	---
	Ant1	5200	18.701	5190.7692	5209.4705	---	---
	Ant2	5200	18.661	5190.8092	5209.4705	---	---
	Ant1	5240	18.701	5230.6494	5249.3506	---	---
	Ant2	5240	18.302	5230.9291	5249.2308	---	---
	Ant1	5745	18.422	5735.8092	5754.2308	---	---
	Ant2	5745	18.661	5735.6893	5754.3506	---	---

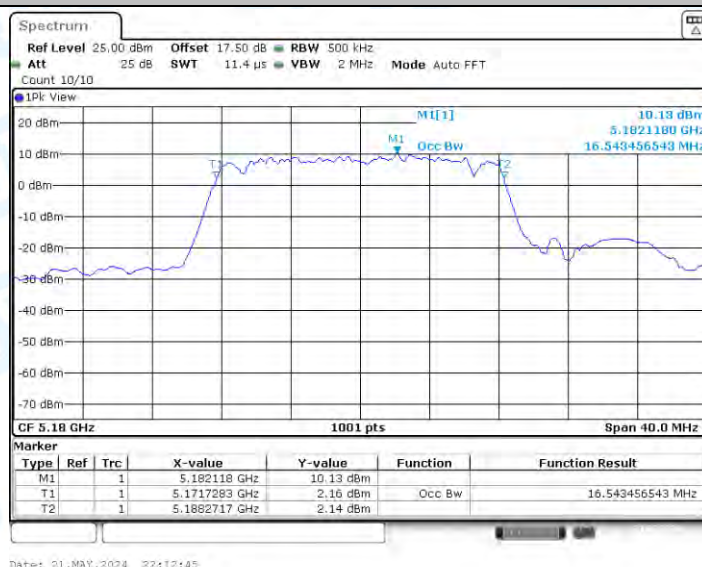
	Ant1	5785	18.581	5775.7293	5794.3107	---	---
	Ant2	5785	18.541	5775.7692	5794.3107	---	---
	Ant1	5825	18.422	5815.8891	5834.3107	---	---
	Ant2	5825	18.661	5815.7692	5834.4306	---	---
11AC40MIMO	Ant1	5190	37.003	5171.2987	5208.3017	---	---
	Ant2	5190	37.323	5171.5385	5208.8611	---	---
	Ant1	5230	37.323	5211.5385	5248.8611	---	---
	Ant2	5230	37.003	5211.4585	5248.4615	---	---
	Ant1	5755	36.923	5736.5385	5773.4615	---	---
	Ant2	5755	37.003	5736.5385	5773.5415	---	---
	Ant1	5795	37.243	5776.4585	5813.7013	---	---
	Ant2	5795	37.003	5776.3786	5813.3816	---	---
11AC80MIMO	Ant1	5210	76.563	5171.7982	5248.3616	---	---
	Ant2	5210	77.043	5171.6384	5248.6813	---	---
	Ant1	5775	76.723	5736.4785	5813.2018	---	---
	Ant2	5775	77.043	5736.6384	5813.6813	---	---
11AX20MIMO	Ant1	5180	19.461	5170.3696	5189.8302	---	---
	Ant2	5180	19.301	5170.3297	5189.6304	---	---
	Ant1	5200	19.5	5190.2498	5209.7502	---	---
	Ant2	5200	19.341	5190.3696	5209.7103	---	---
	Ant1	5240	19.341	5230.4096	5249.7502	---	---
	Ant2	5240	19.58	5230.3297	5249.9101	---	---
	Ant1	5745	19.381	5735.3696	5754.7502	---	---
	Ant2	5745	19.341	5735.3297	5754.6703	---	---
	Ant1	5785	19.381	5775.2098	5794.5904	---	---
	Ant2	5785	19.421	5775.2498	5794.6703	---	---
	Ant1	5825	19.58	5815.2498	5834.8302	---	---
	Ant2	5825	19.58	5815.1698	5834.7502	---	---
11AX40MIMO	Ant1	5190	38.362	5170.8192	5209.1808	---	---
	Ant2	5190	38.122	5170.9790	5209.1009	---	---
	Ant1	5230	38.122	5210.8991	5249.0210	---	---
	Ant2	5230	38.122	5210.9790	5249.1009	---	---
	Ant1	5755	38.601	5735.5794	5774.1808	---	---
	Ant2	5755	38.282	5735.8192	5774.1009	---	---
	Ant1	5795	38.442	5775.7393	5814.1808	---	---
	Ant2	5795	38.362	5775.7393	5814.1009	---	---
11AX80MIMO	Ant1	5210	78.322	5170.8392	5249.1608	---	---
	Ant2	5210	78.322	5171.1588	5249.4805	---	---
	Ant1	5775	78.162	5735.9990	5814.1608	---	---
	Ant2	5775	78.322	5735.9990	5814.3207	---	---

2.2. Test Graphs

11A-CDD_Ant1_5180



11A-CDD_Ant2_5180



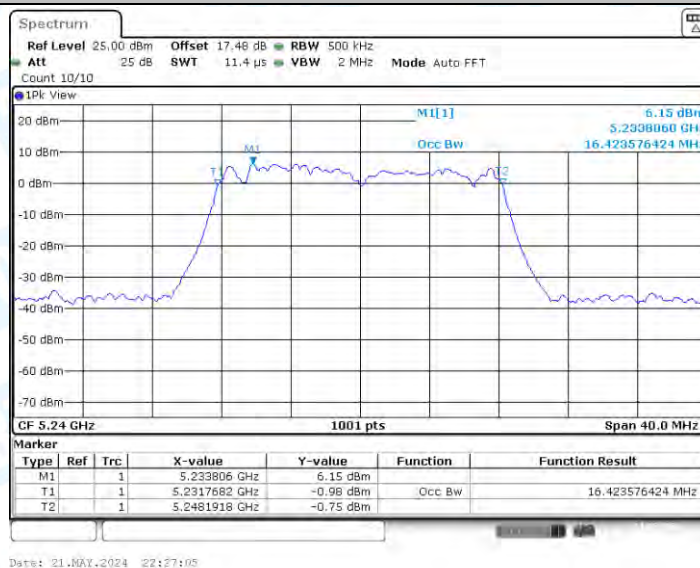
11A-CDD_Ant1_5200



11A-CDD_Ant2_5200



11A-CDD_Ant1_5240



11A-CDD_Ant2_5240



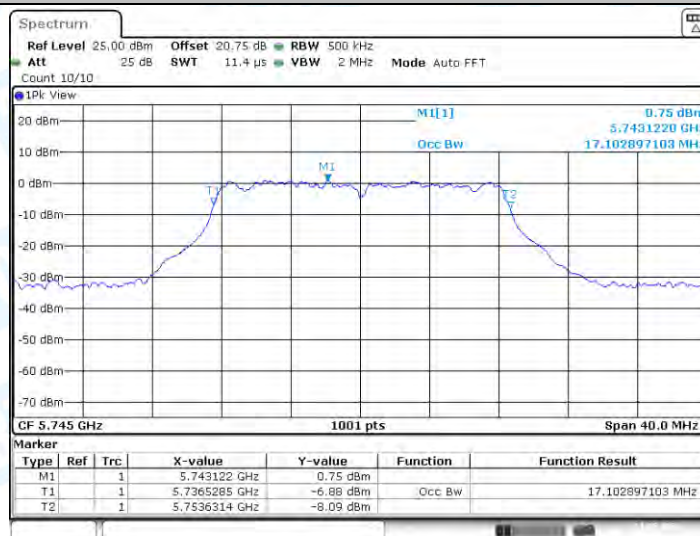
Date: 21.MAY.2024 22:14:26

11A-CDD_Ant1_5745



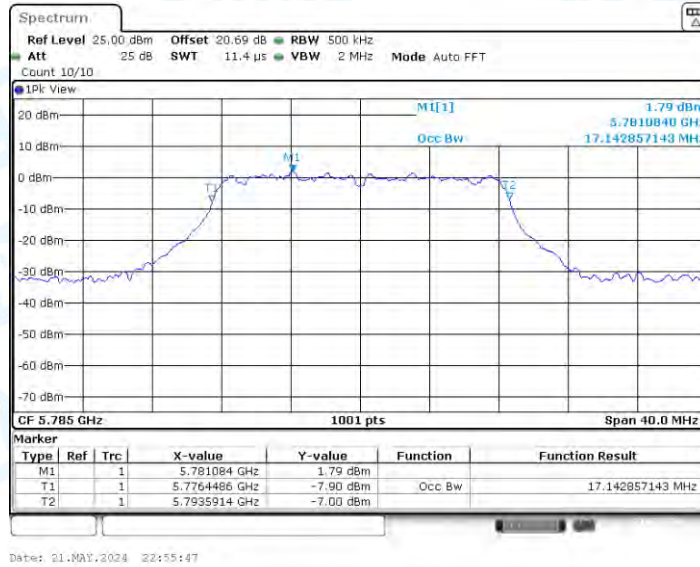
Date: 21.MAY.2024 22:41:50

11A-CDD_Ant2_5745

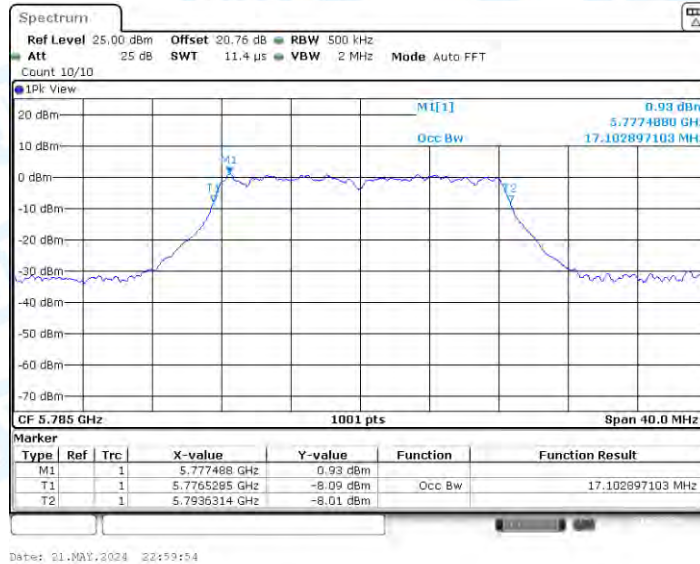


Date: 21.MAY.2024 22:49:34

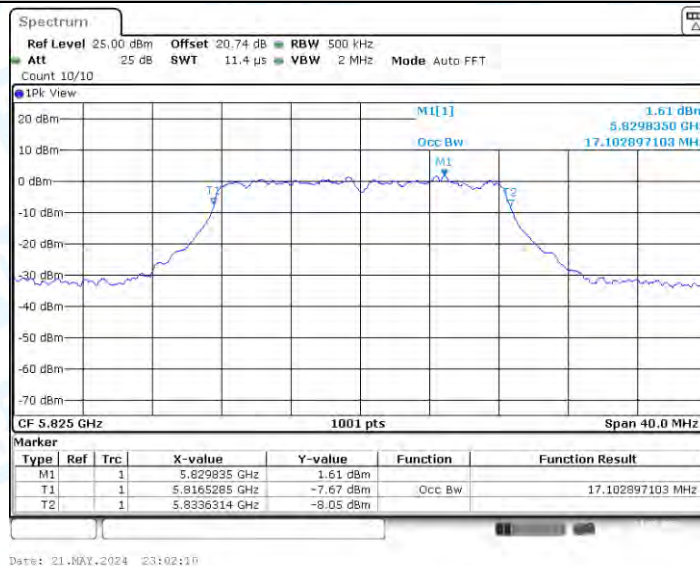
11A-CDD_Ant1_5785



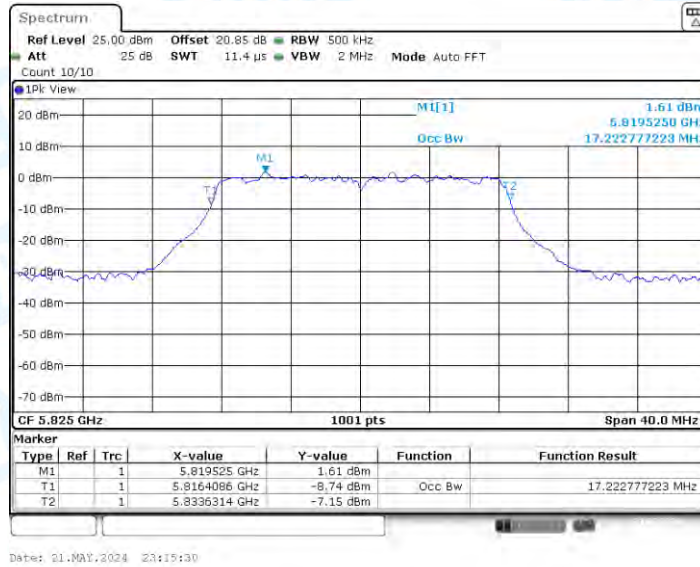
11A-CDD_Ant2_5785



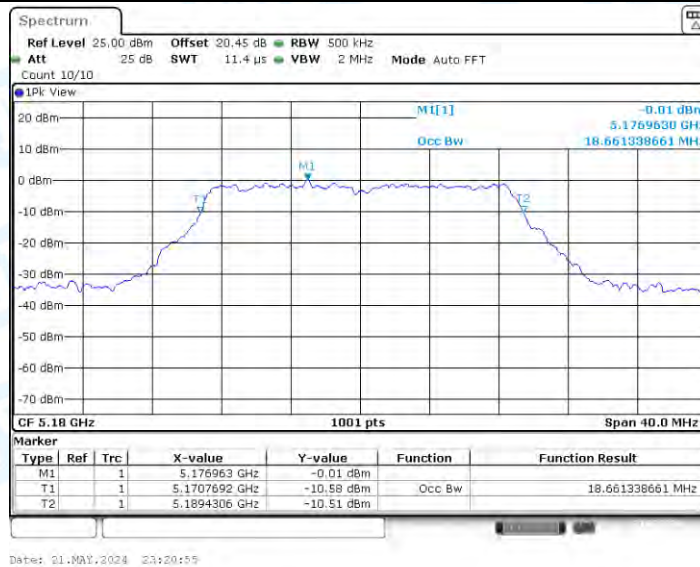
11A-CDD_Ant1_5825



11A-CDD_Ant2_5825



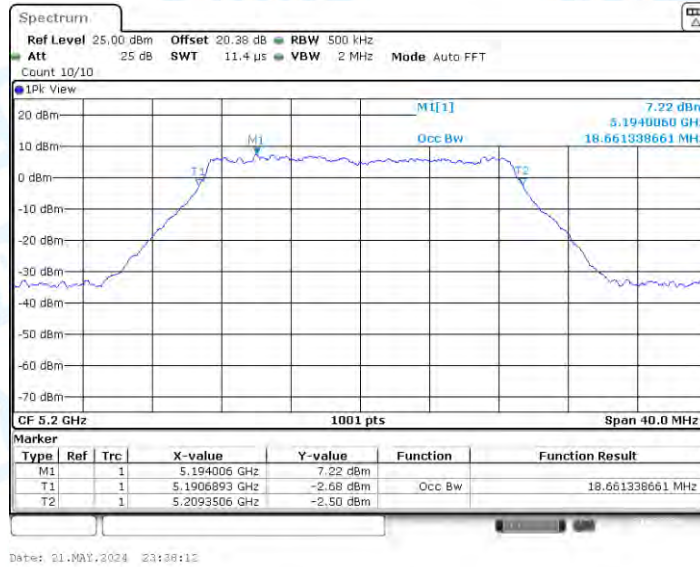
11N20MIMO_Ant1_5180



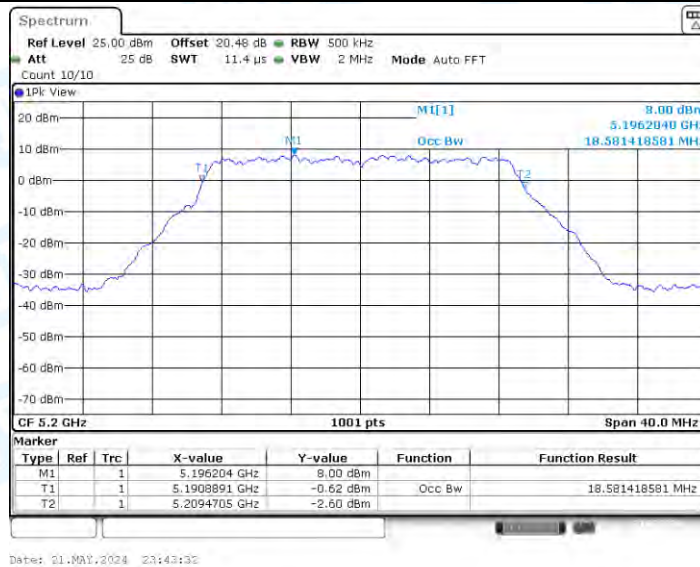
11N20MIMO_Ant2_5180



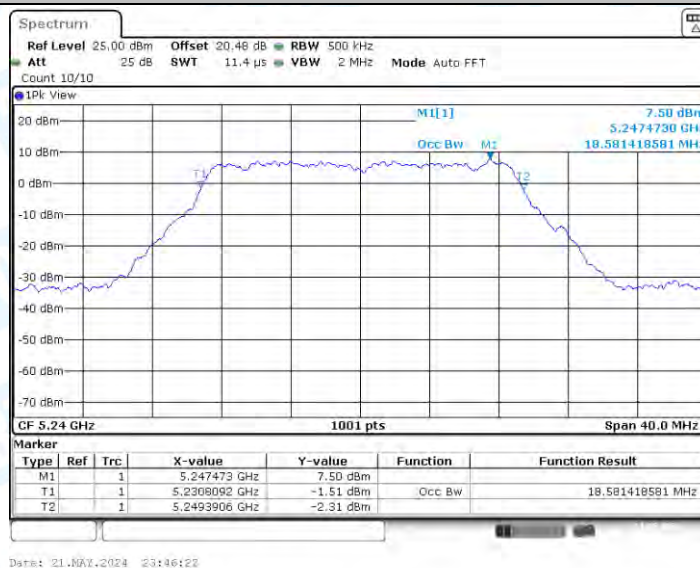
11N20MIMO_Ant1_5200



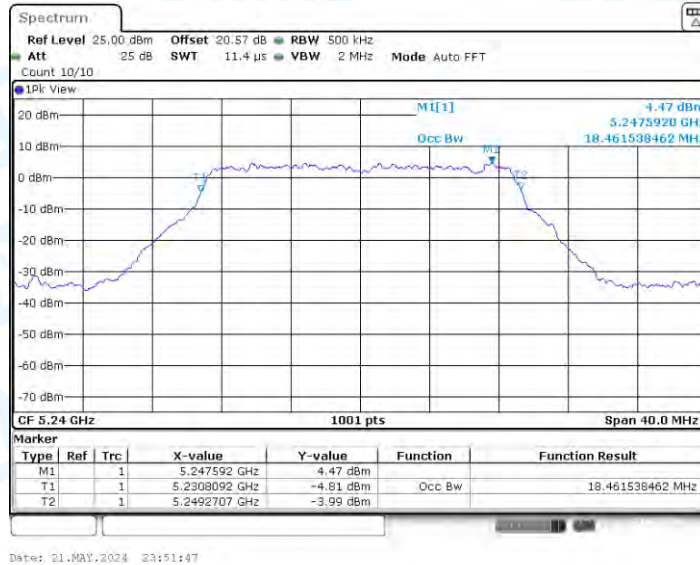
11N20MIMO_Ant2_5200



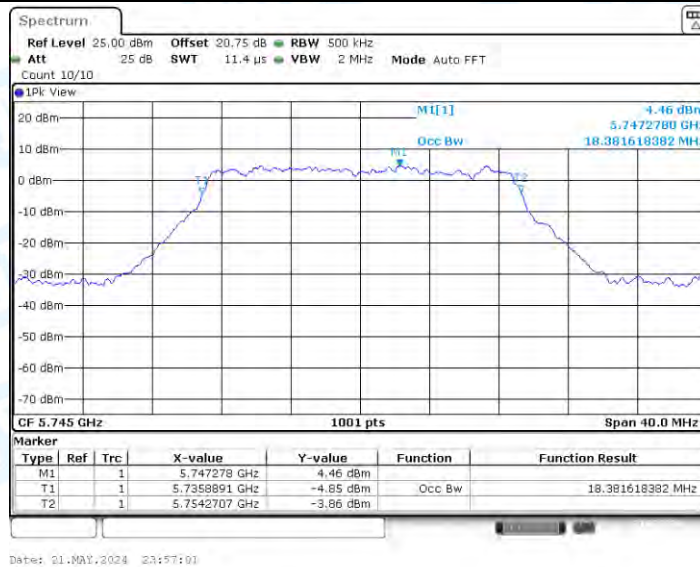
11N20MIMO_Ant1_5240



11N20MIMO_Ant2_5240



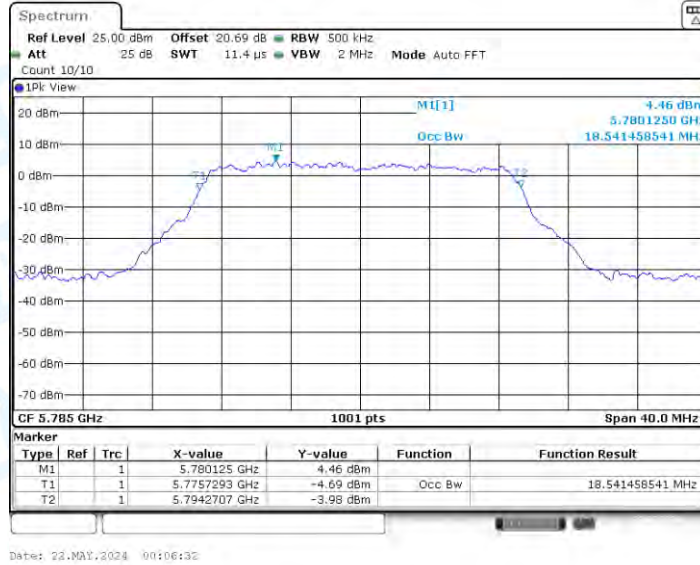
11N20MIMO_Ant1_5745



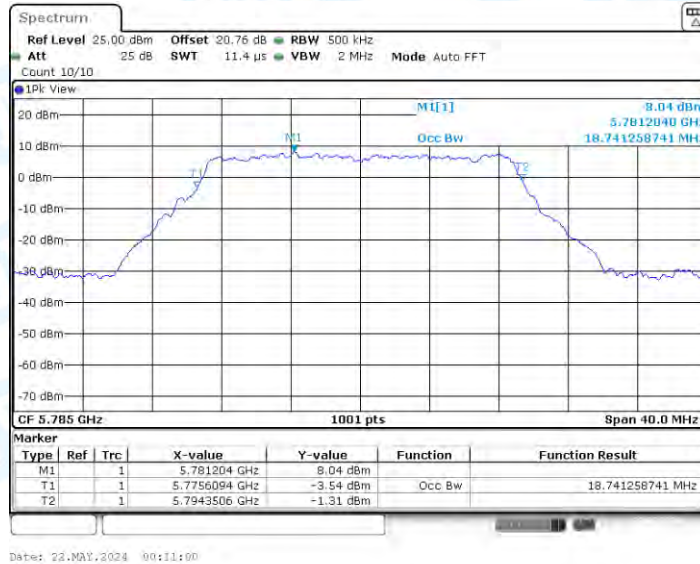
11N20MIMO_Ant2_5745



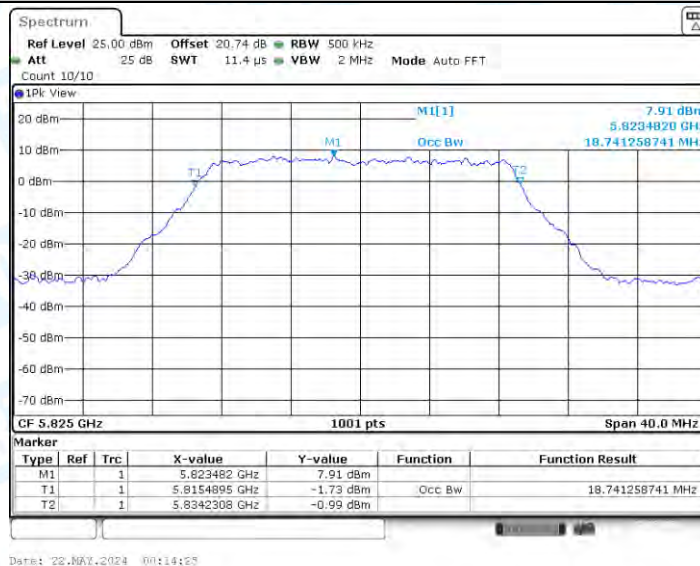
11N20MIMO_Ant1_5785



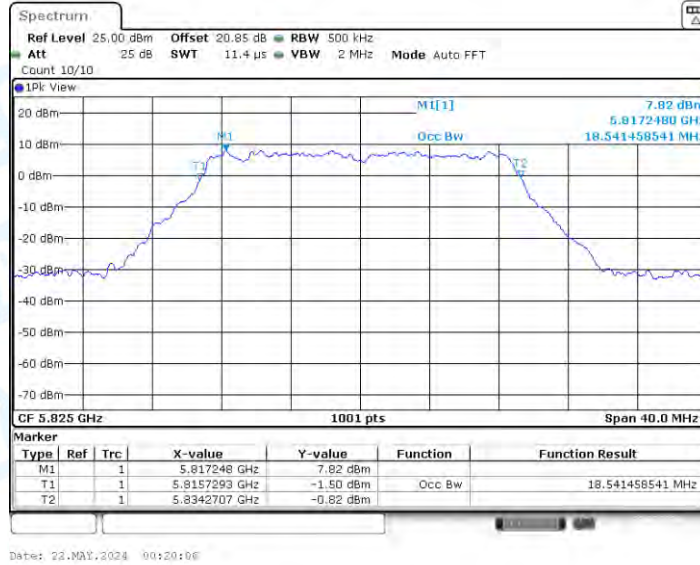
11N20MIMO_Ant2_5785



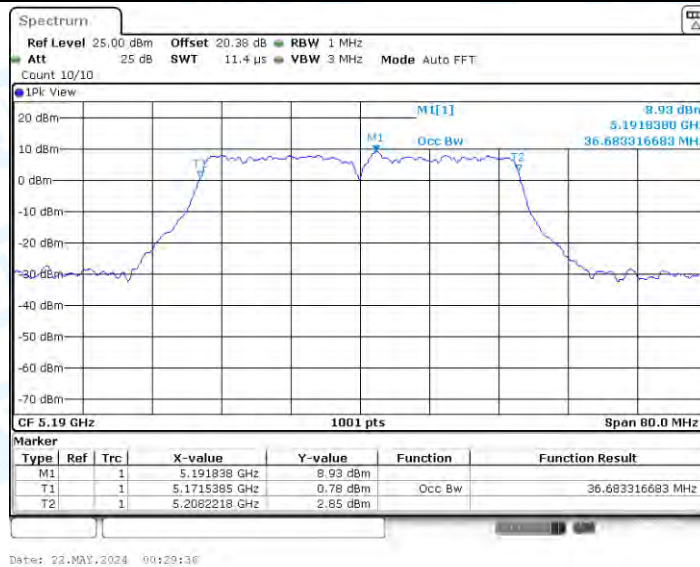
11N20MIMO_Ant1_5825



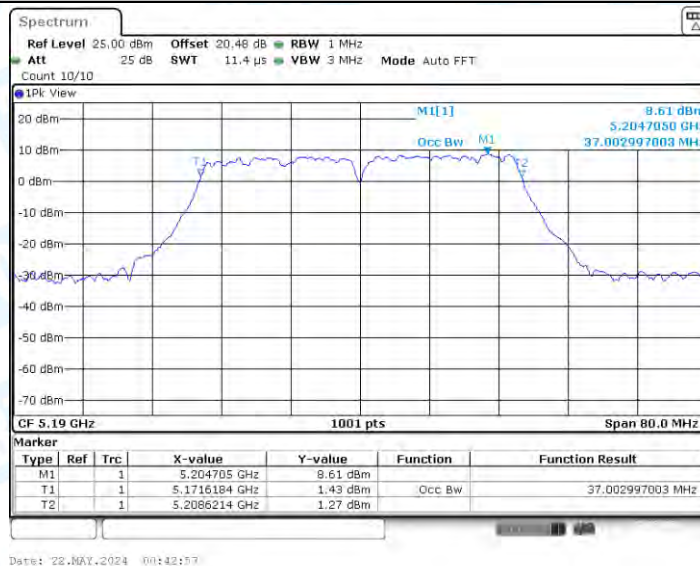
11N20MIMO_Ant2_5825



11N40MIMO_Ant1_5190



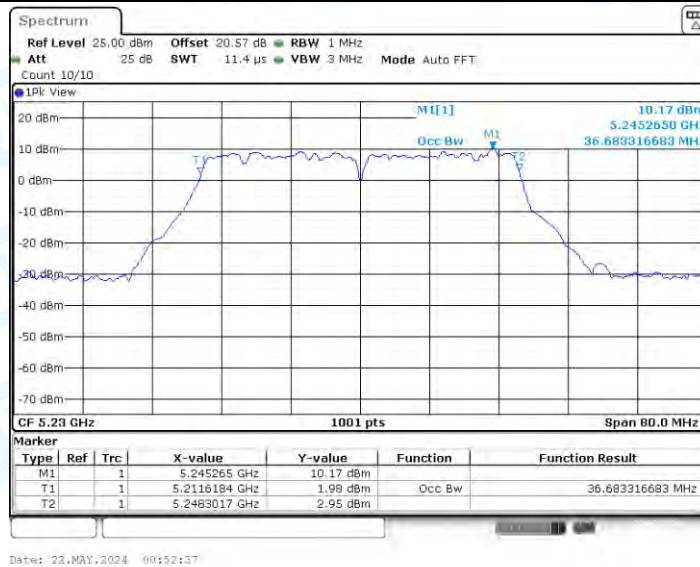
11N40MIMO_Ant2_5190



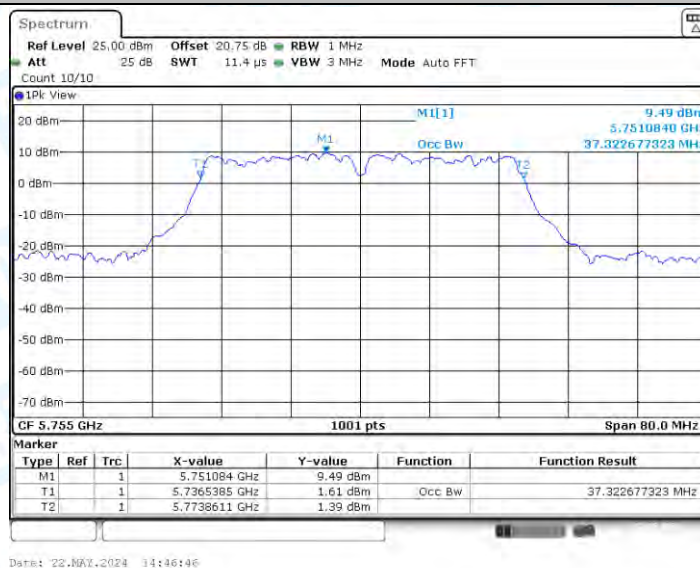
11N40MIMO_Ant1_5230



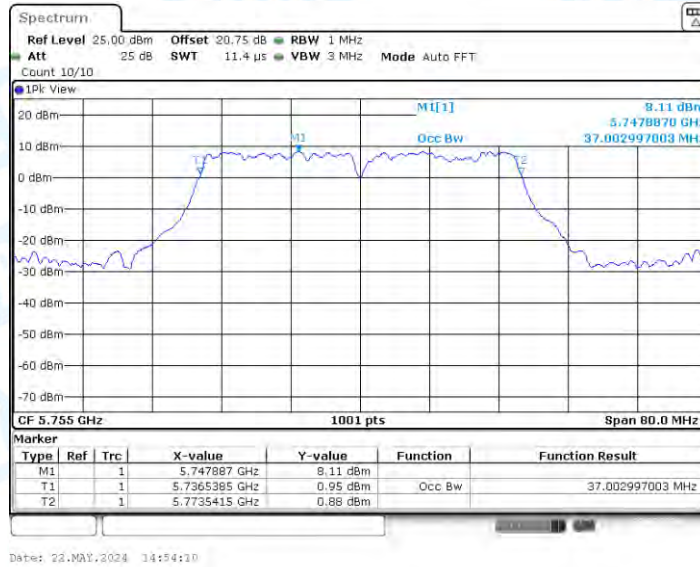
11N40MIMO_Ant2_5230



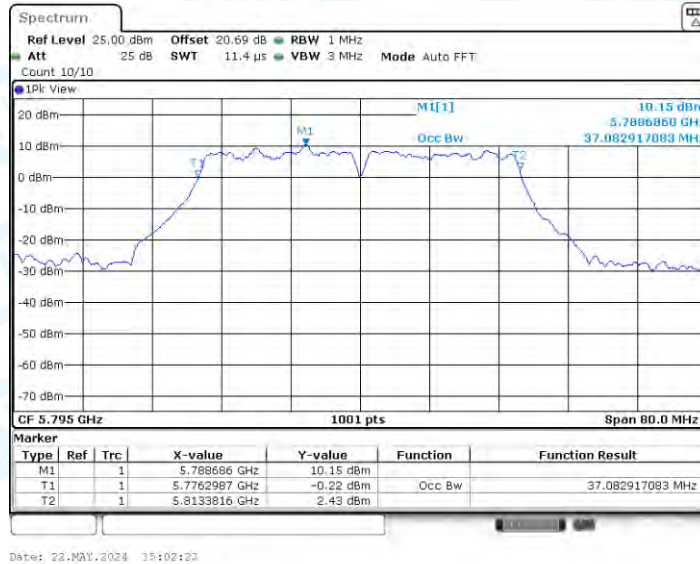
11N40MIMO_Ant1_5755



11N40MIMO_Ant2_5755



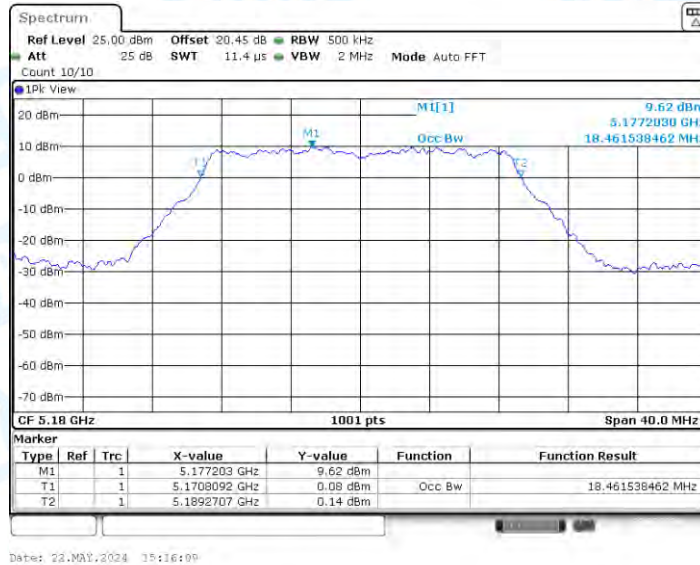
11N40MIMO_Ant1_5795



11N40MIMO_Ant2_5795



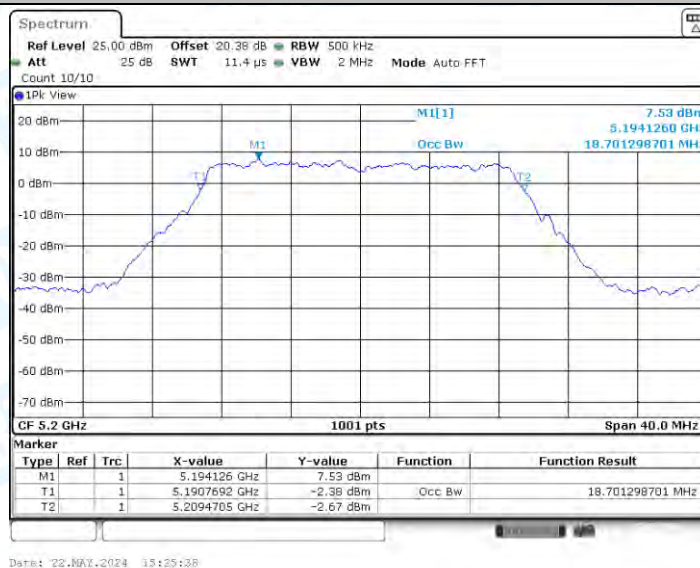
11AC20MIMO_Ant1_5180



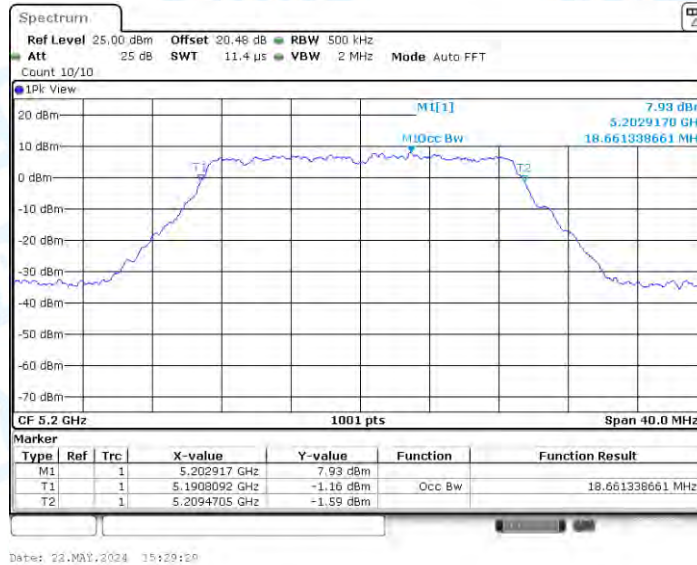
11AC20MIMO_Ant2_5180



11AC20MIMO_Ant1_5200



11AC20MIMO_Ant2_5200



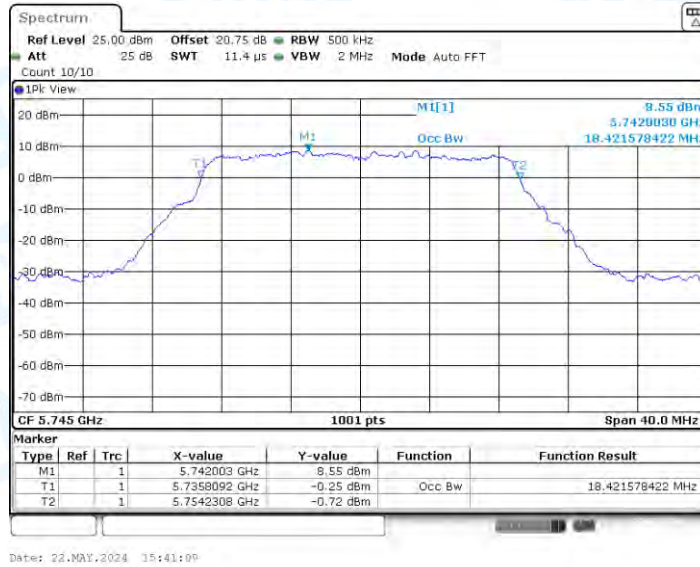
11AC20MIMO_Ant1_5240



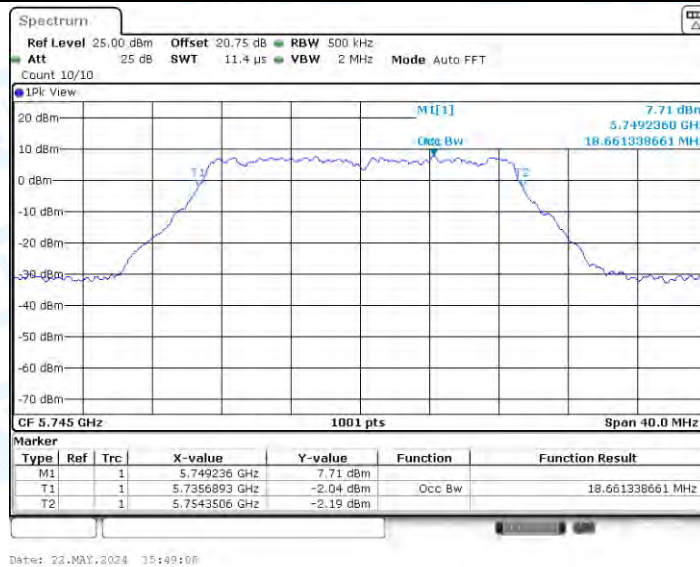
11AC20MIMO_Ant2_5240



11AC20MIMO_Ant1_5745



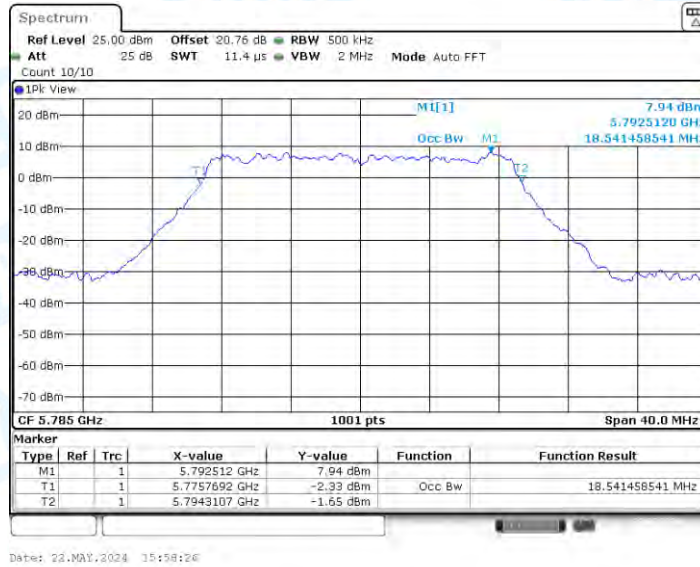
11AC20MIMO_Ant2_5745



11AC20MIMO_Ant1_5785



11AC20MIMO_Ant2_5785



11AC20MIMO_Ant1_5825



11AC20MIMO_Ant2_5825



11AC40MIMO_Ant1_5190



Date: 22.MAY.2024 16:12:28

11AC40MIMO_Ant2_5190



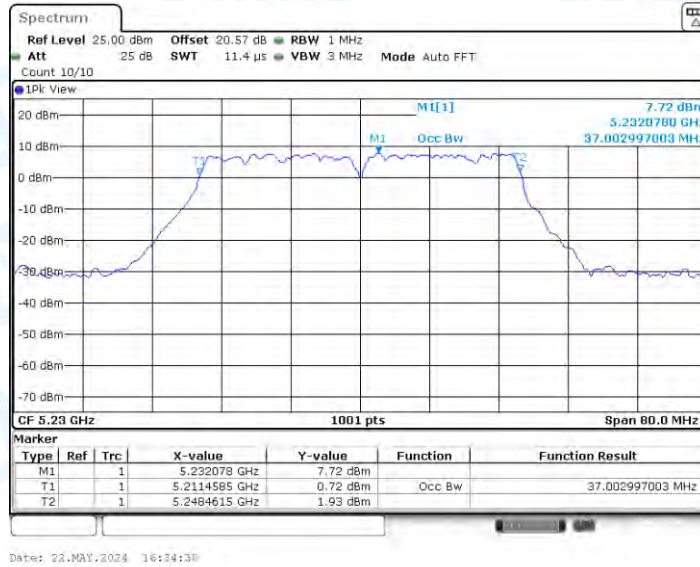
Date: 22.MAY.2024 16:18:16

11AC40MIMO_Ant1_5230

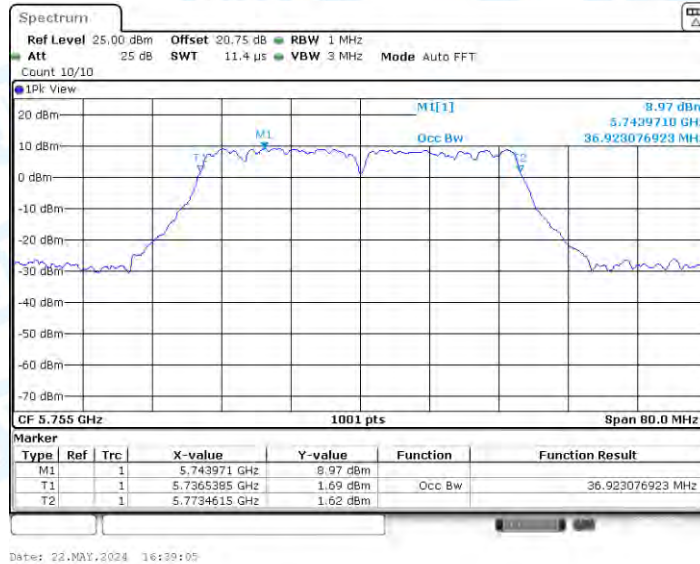


Date: 22.MAY.2024 16:53:51

11AC40MIMO_Ant2_5230



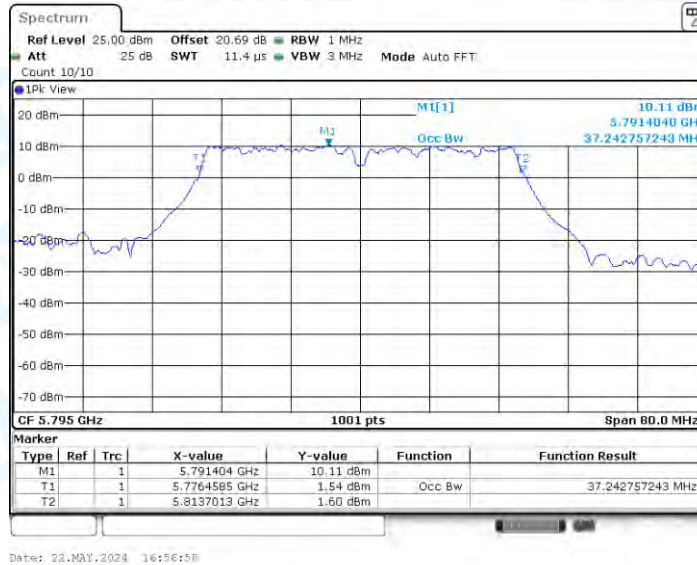
11AC40MIMO_Ant1_5755



11AC40MIMO_Ant2_5755



11AC40MIMO_Ant1_5795



11AC40MIMO_Ant2_5795



11AC80MIMO_Ant1_5210

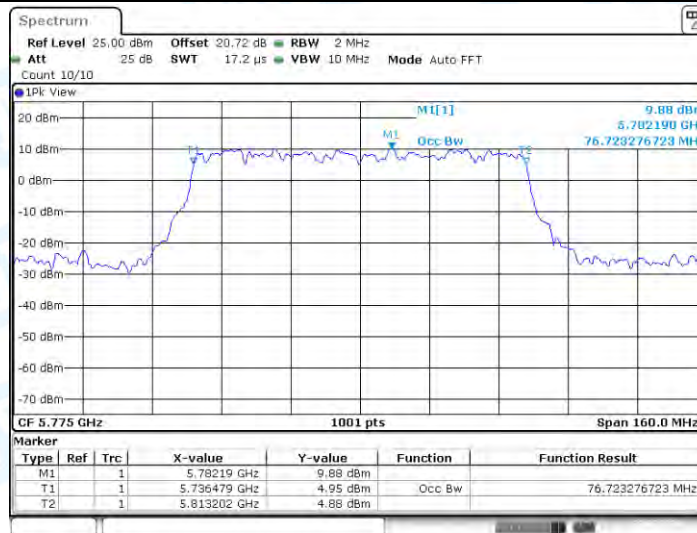


11AC80MIMO_Ant2_5210



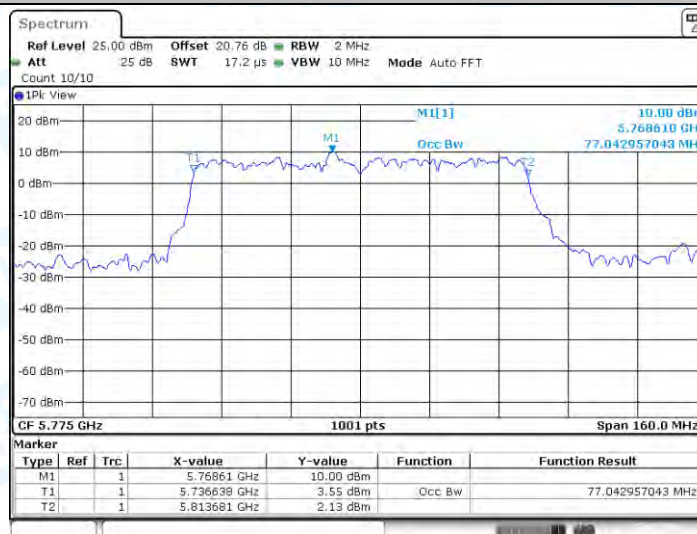
Date: 22.MAY.2024 17:22:34

11AC80MIMO_Ant1_5775



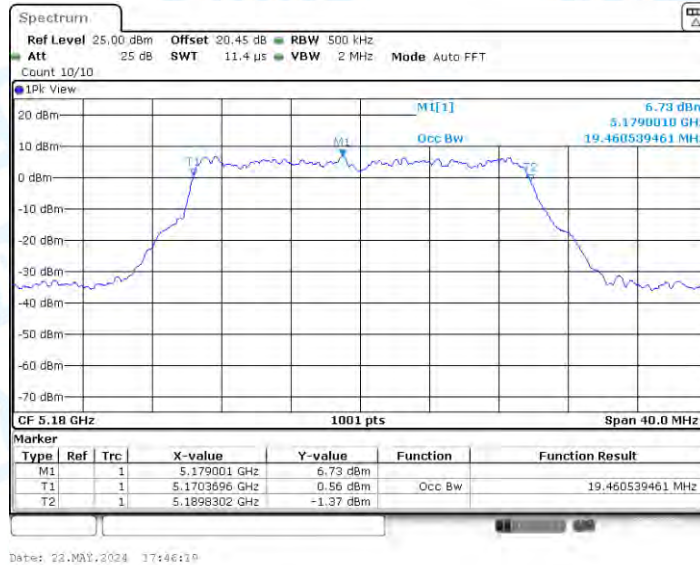
Date: 22.MAY.2024 17:30:27

11AC80MIMO_Ant2_5775



Date: 22.MAY.2024 17:37:46

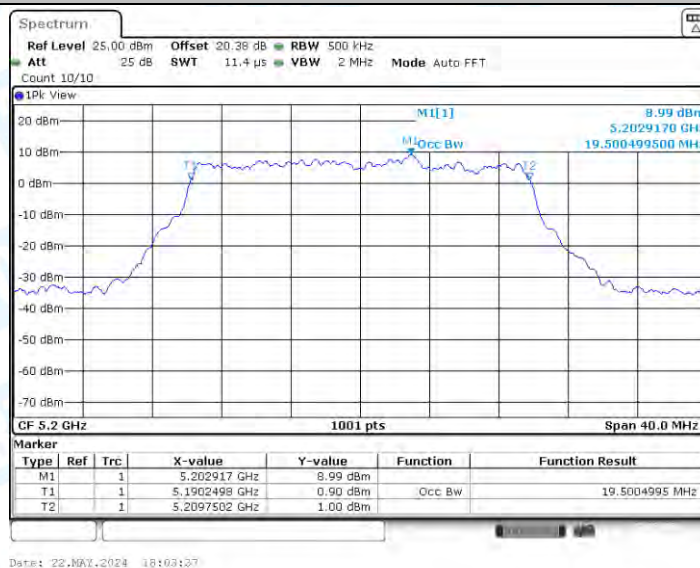
11AX20MIMO_Ant1_5180



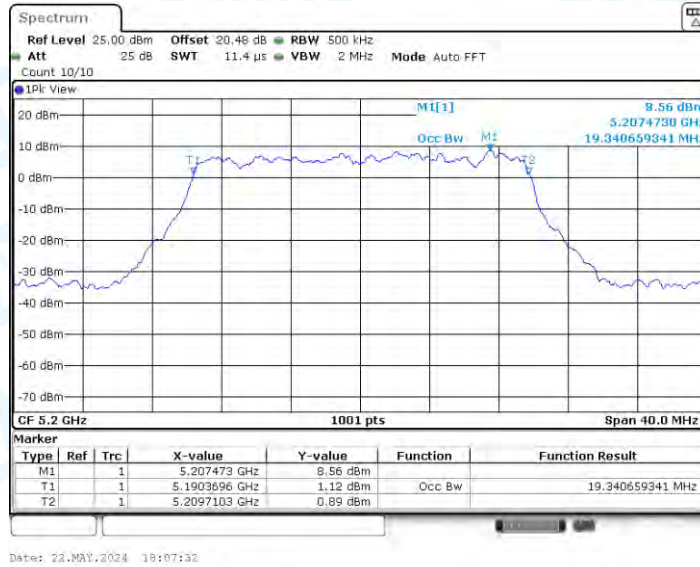
11AX20MIMO_Ant2_5180



11AX20MIMO_Ant1_5200



11AX20MIMO_Ant2_5200



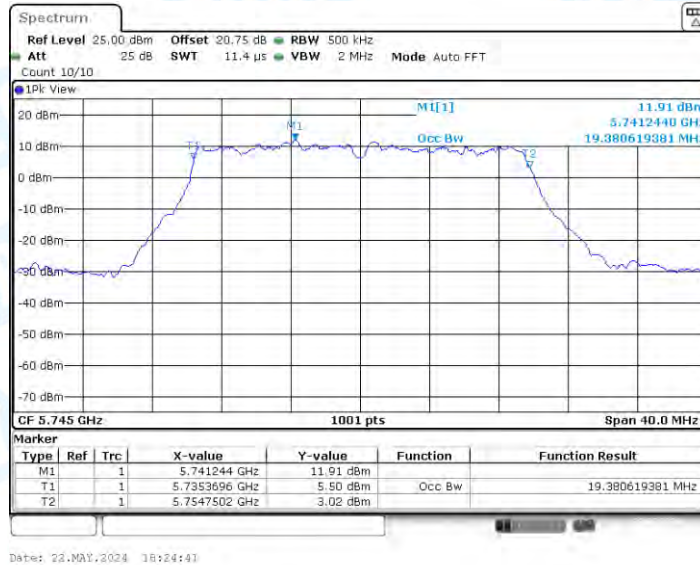
11AX20MIMO_Ant1_5240



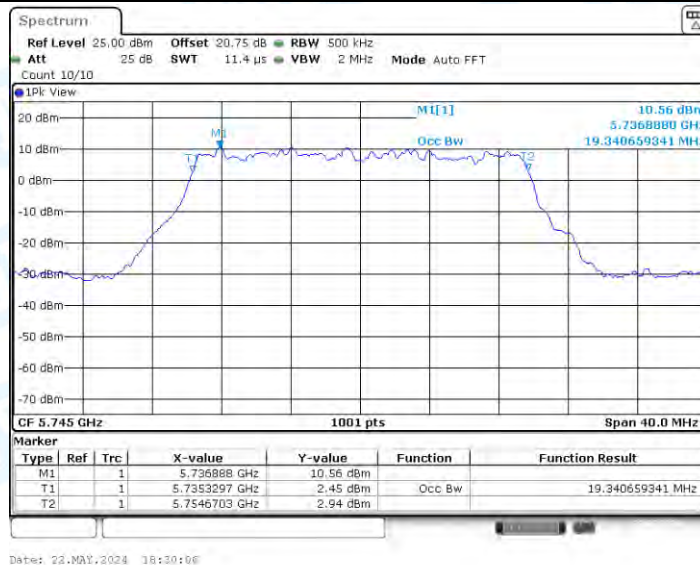
11AX20MIMO_Ant2_5240



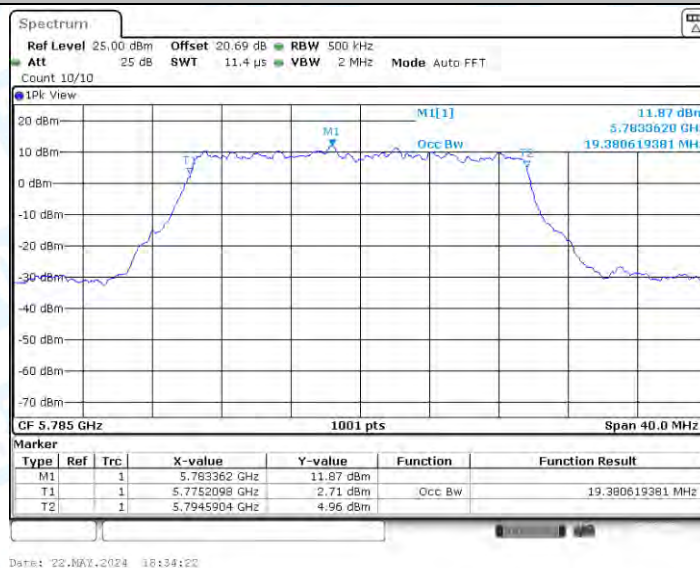
11AX20MIMO_Ant1_5745



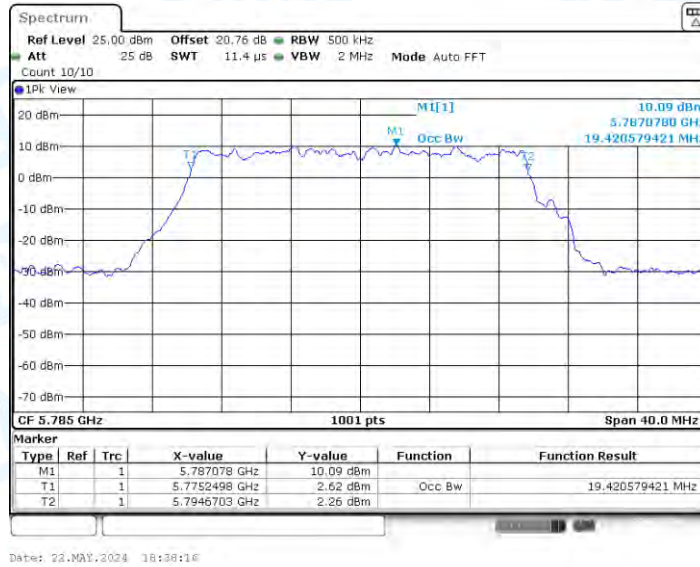
11AX20MIMO_Ant2_5745



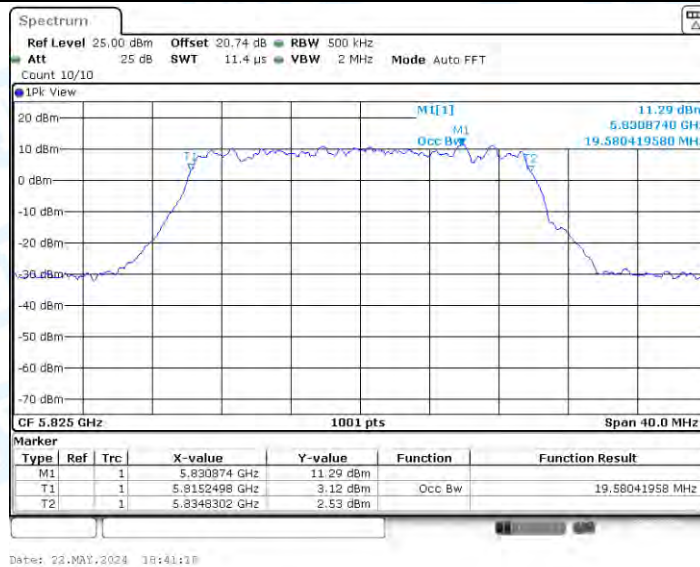
11AX20MIMO_Ant1_5785



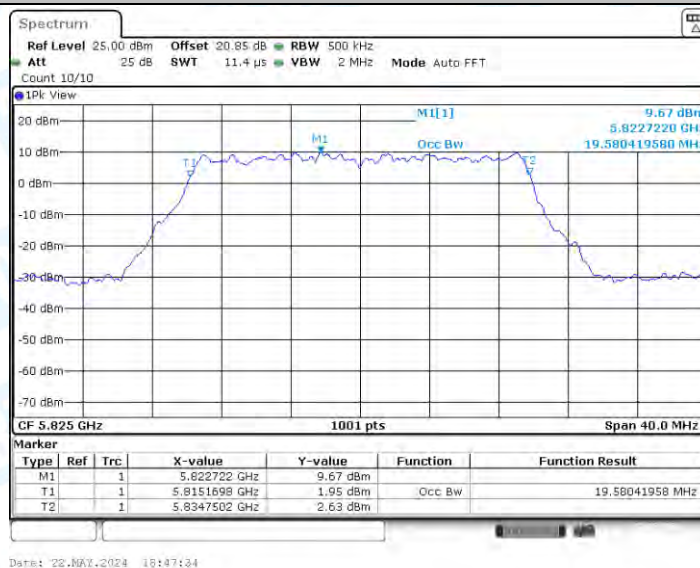
11AX20MIMO_Ant2_5785



11AX20MIMO_Ant1_5825



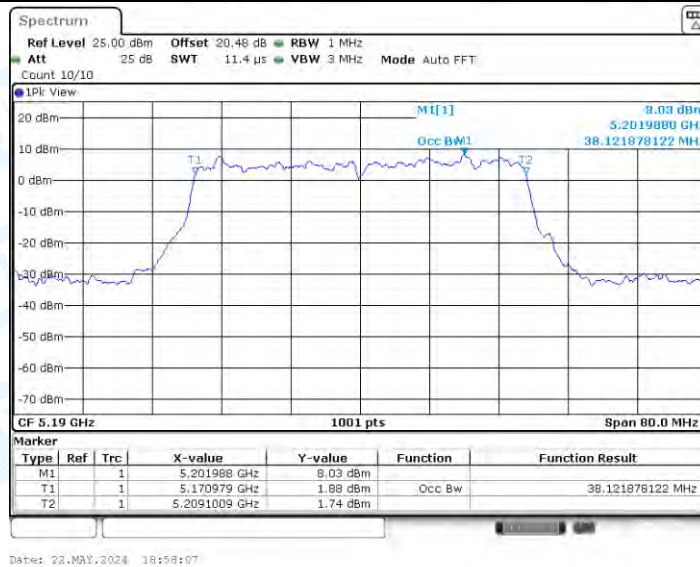
11AX20MIMO_Ant2_5825



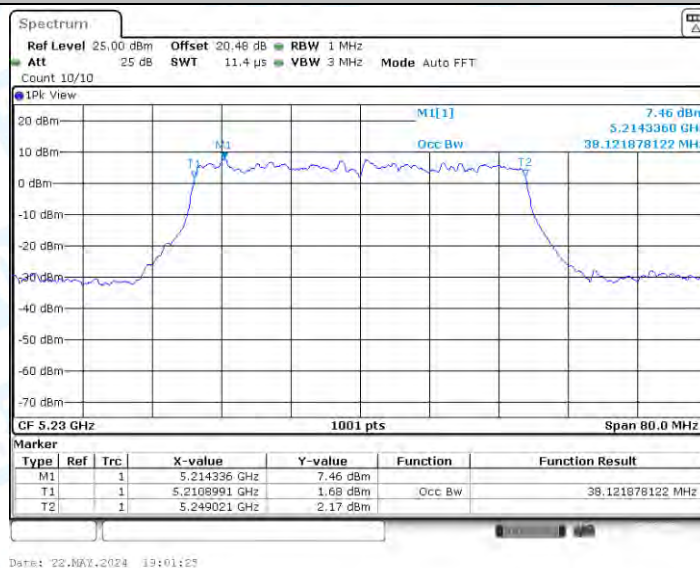
11AX40MIMO_Ant1_5190



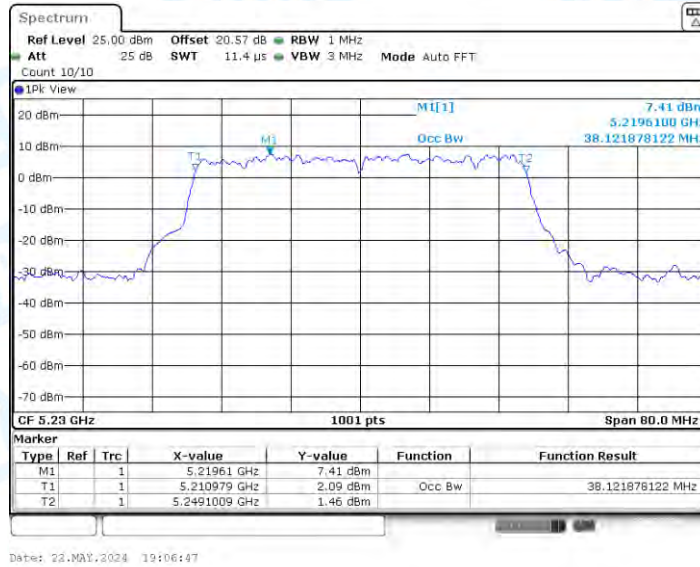
11AX40MIMO_Ant2_5190



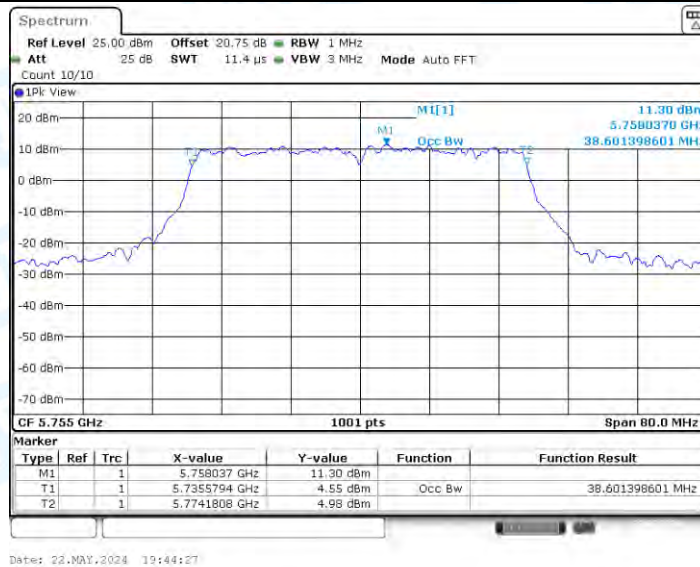
11AX40MIMO_Ant1_5230



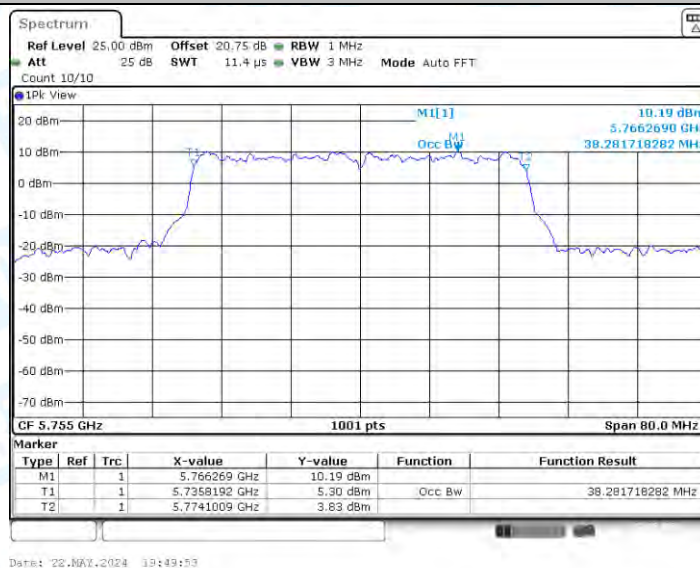
11AX40MIMO_Ant2_5230



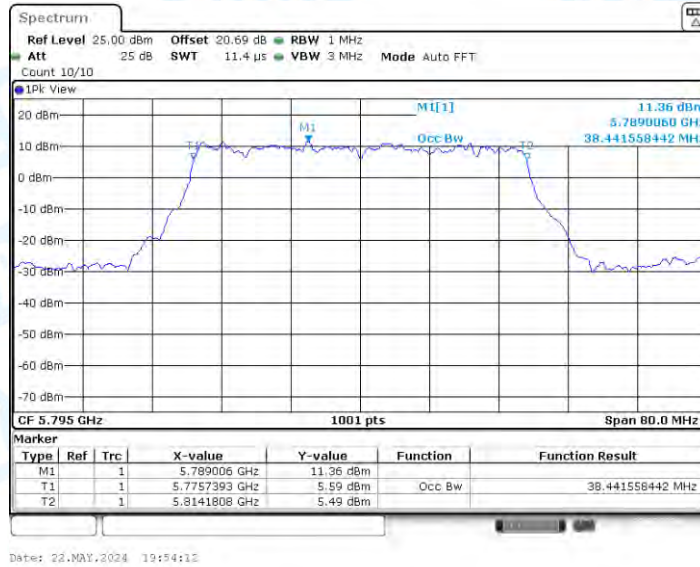
11AX40MIMO_Ant1_5755



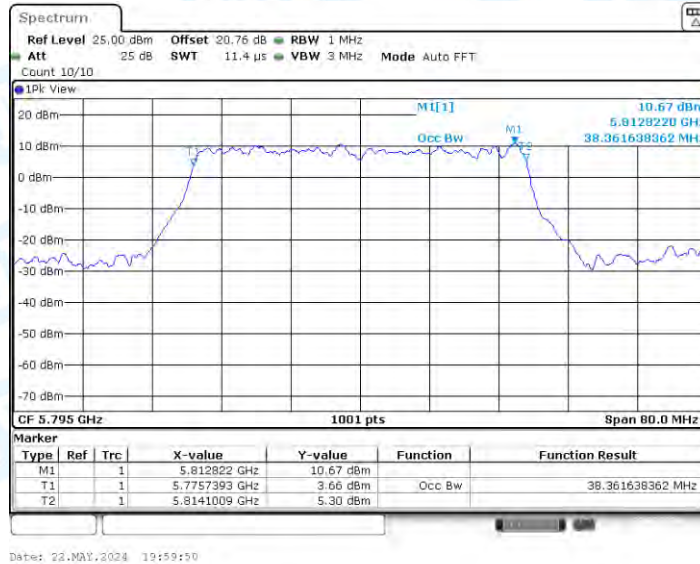
11AX40MIMO_Ant2_5755



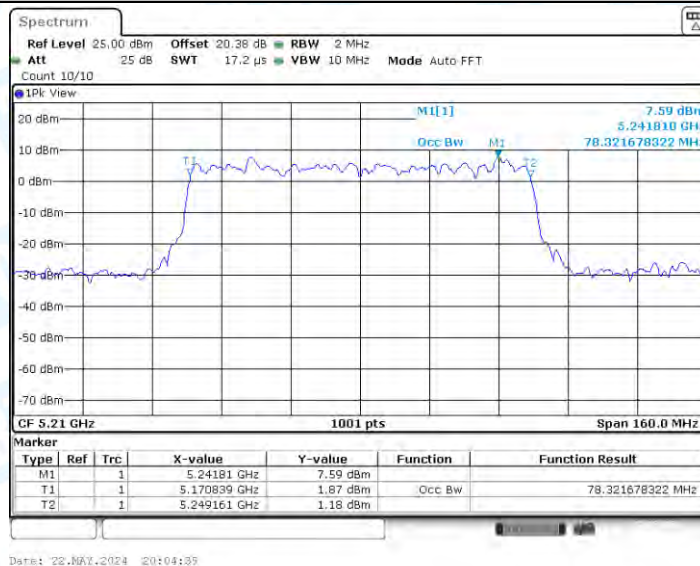
11AX40MIMO_Ant1_5795



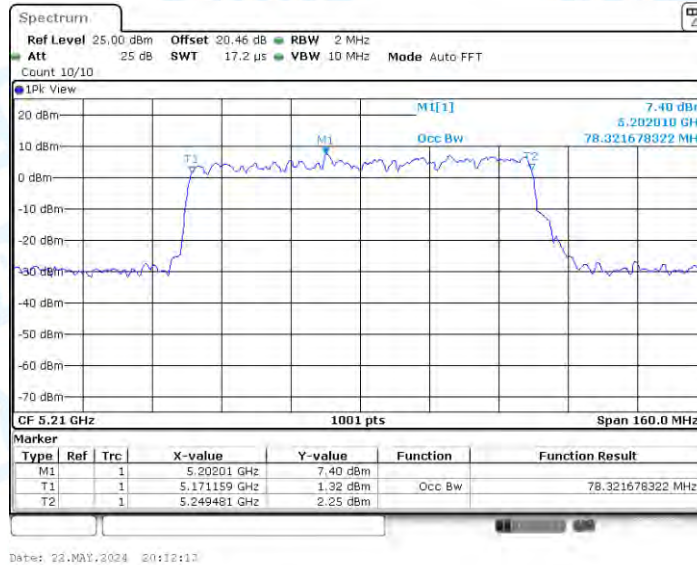
11AX40MIMO_Ant2_5795



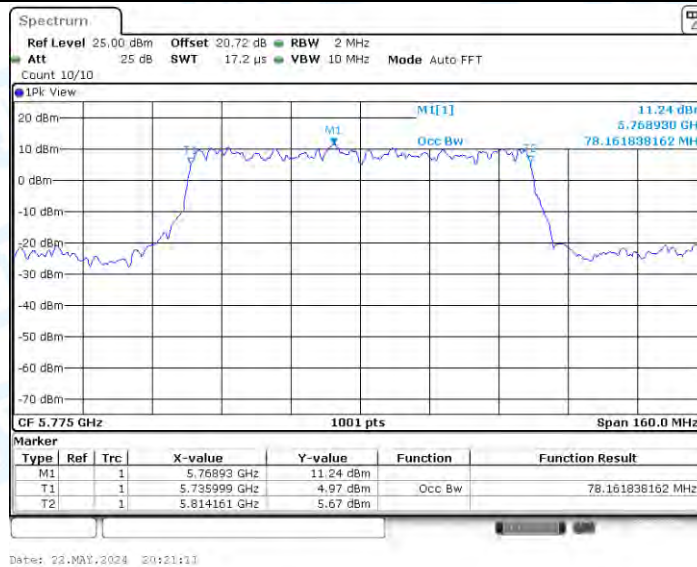
11AX80MIMO_Ant1_5210



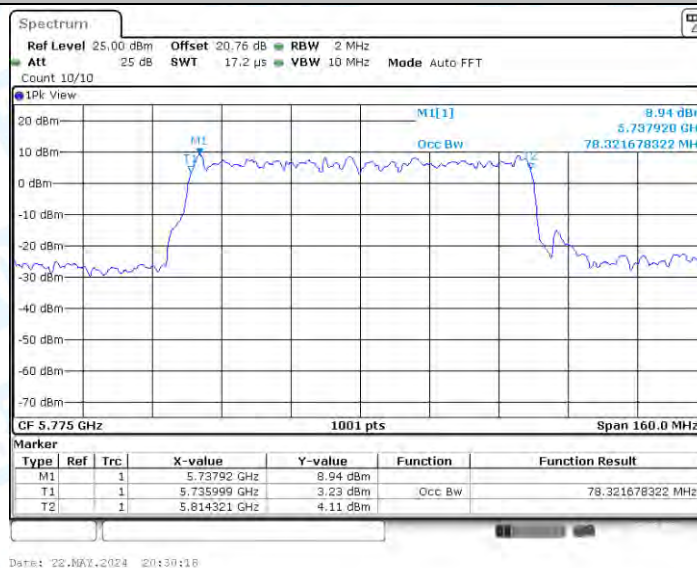
11AX80MIMO_Ant2_5210



11AX80MIMO_Ant1_5775



11AX80MIMO_Ant2_5775



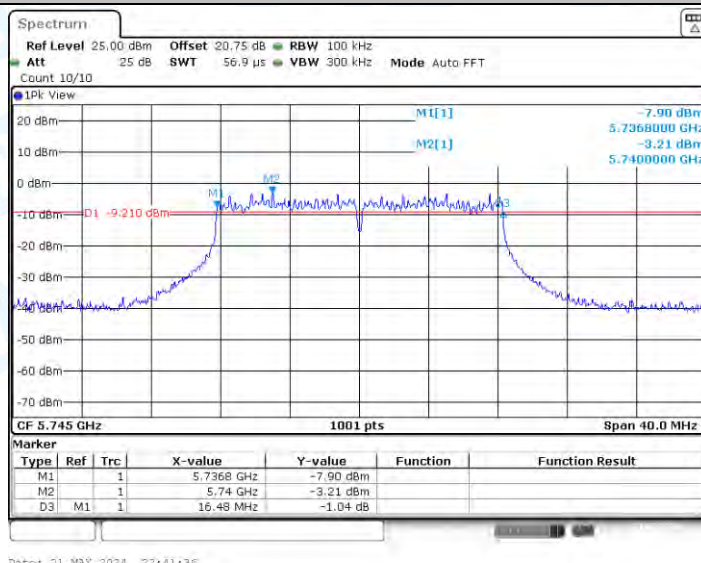
3. Min emission bandwidth

3.1. Test Result

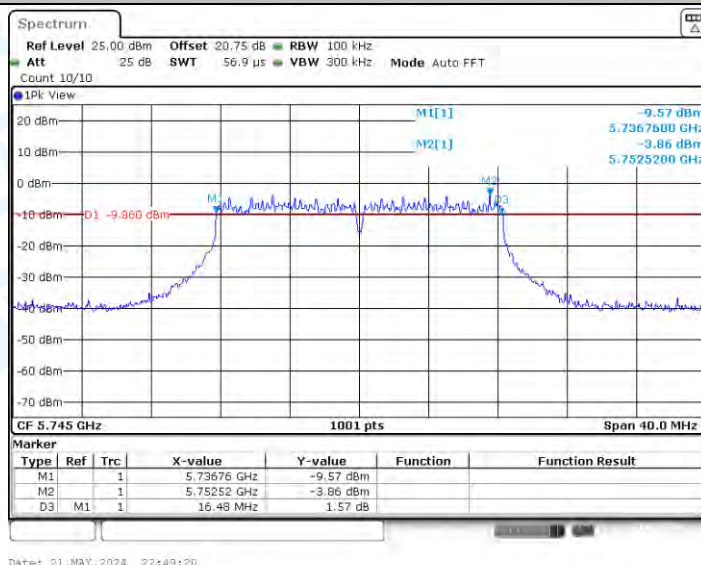
TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5745	16.48	5736.80	5753.28	0.5	PASS
	Ant2	5745	16.48	5736.76	5753.24	0.5	PASS
	Ant1	5785	16.44	5776.80	5793.24	0.5	PASS
	Ant2	5785	16.44	5776.80	5793.24	0.5	PASS
	Ant1	5825	16.44	5816.80	5833.24	0.5	PASS
	Ant2	5825	16.48	5816.76	5833.24	0.5	PASS
11N20MIMO	Ant1	5745	17.72	5736.12	5753.84	0.5	PASS
	Ant2	5745	17.64	5736.20	5753.84	0.5	PASS
	Ant1	5785	17.84	5776.08	5793.92	0.5	PASS
	Ant2	5785	17.56	5776.24	5793.80	0.5	PASS
	Ant1	5825	17.56	5816.24	5833.80	0.5	PASS
	Ant2	5825	17.60	5816.20	5833.80	0.5	PASS
11N40MIMO	Ant1	5755	36.40	5736.84	5773.24	0.5	PASS
	Ant2	5755	36.32	5736.84	5773.16	0.5	PASS
	Ant1	5795	36.40	5776.84	5813.24	0.5	PASS
	Ant2	5795	36.48	5776.76	5813.24	0.5	PASS
11AC20MIMO	Ant1	5745	17.60	5736.20	5753.80	0.5	PASS
	Ant2	5745	17.60	5736.20	5753.80	0.5	PASS
	Ant1	5785	17.56	5776.24	5793.80	0.5	PASS
	Ant2	5785	17.80	5776.12	5793.92	0.5	PASS
	Ant1	5825	17.60	5816.20	5833.80	0.5	PASS
	Ant2	5825	17.56	5816.24	5833.80	0.5	PASS
11AC40MIMO	Ant1	5755	36.48	5736.76	5773.24	0.5	PASS
	Ant2	5755	36.32	5736.84	5773.16	0.5	PASS
	Ant1	5795	36.40	5776.84	5813.24	0.5	PASS
	Ant2	5795	36.32	5776.84	5813.16	0.5	PASS
11AC80MIMO	Ant1	5775	76.48	5736.76	5813.24	0.5	PASS
	Ant2	5775	76.48	5736.76	5813.24	0.5	PASS
11AX20MIMO	Ant1	5745	19.08	5735.44	5754.52	0.5	PASS
	Ant2	5745	19.00	5735.48	5754.48	0.5	PASS
	Ant1	5785	18.96	5775.52	5794.48	0.5	PASS
	Ant2	5785	19.04	5775.48	5794.52	0.5	PASS
	Ant1	5825	18.72	5815.68	5834.40	0.5	PASS
	Ant2	5825	19.12	5815.44	5834.56	0.5	PASS
11AX40MIMO	Ant1	5755	38.16	5735.88	5774.04	0.5	PASS
	Ant2	5755	38.08	5735.88	5773.96	0.5	PASS
	Ant1	5795	38.08	5775.96	5814.04	0.5	PASS
	Ant2	5795	37.92	5775.96	5813.88	0.5	PASS
11AX80MIMO	Ant1	5775	78.40	5735.80	5814.20	0.5	PASS
	Ant2	5775	78.08	5735.96	5814.04	0.5	PASS

3.2. Test Graphs

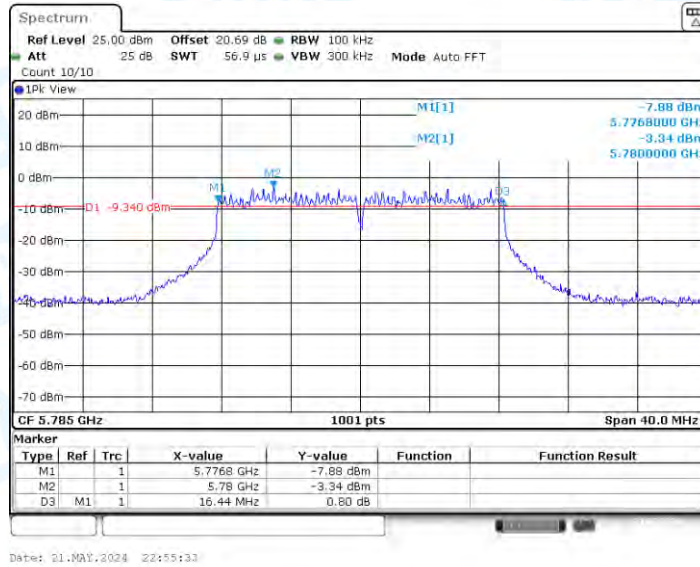
11A-CDD_Ant1_5745



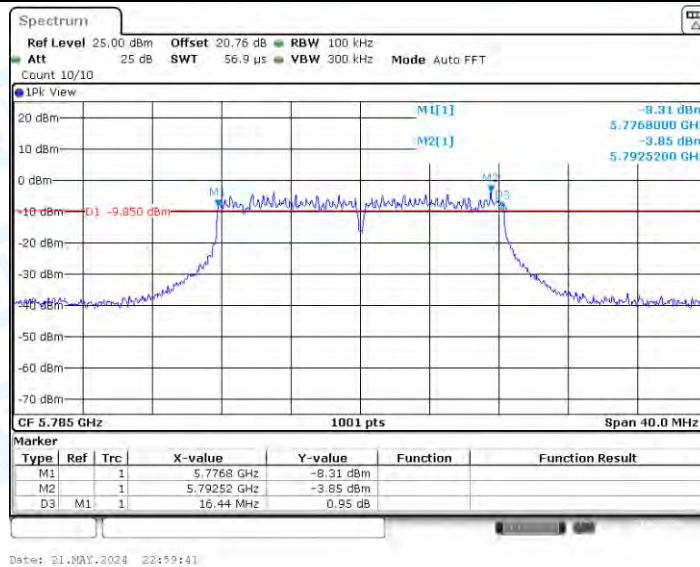
11A-CDD_Ant2_5745



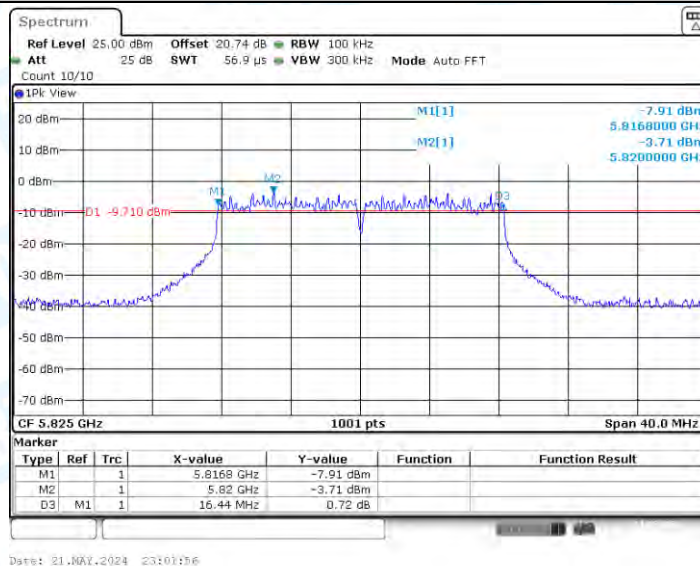
11A-CDD_Ant1_5785



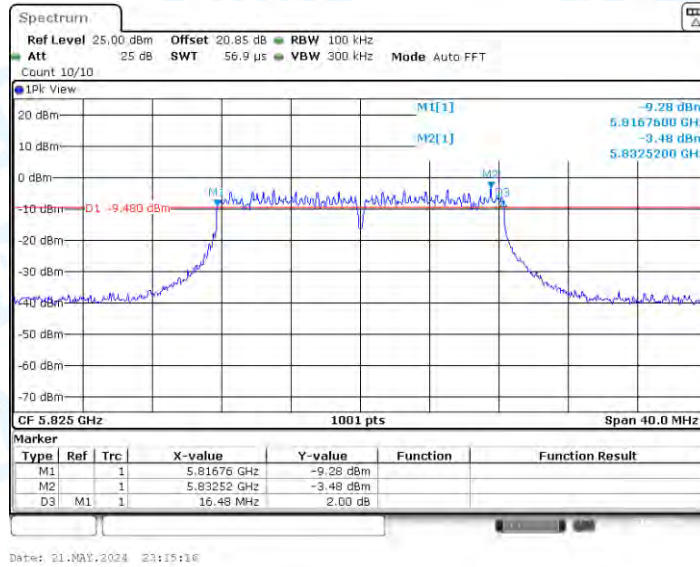
11A-CDD_Ant2_5785



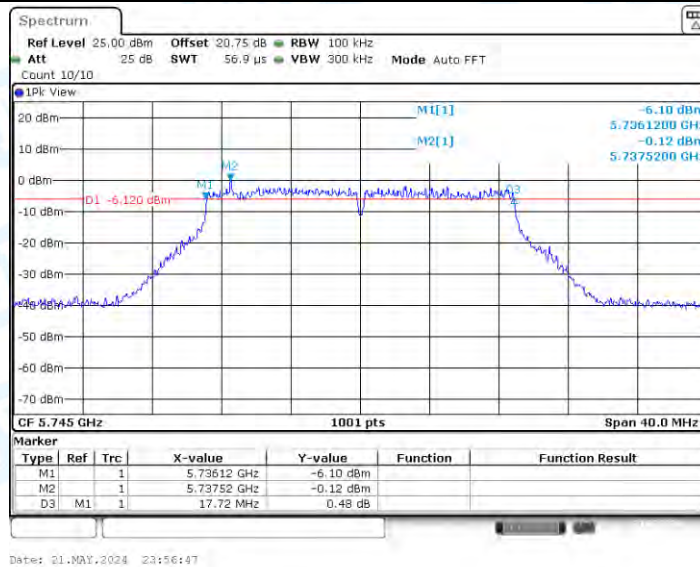
11A-CDD_Ant1_5825



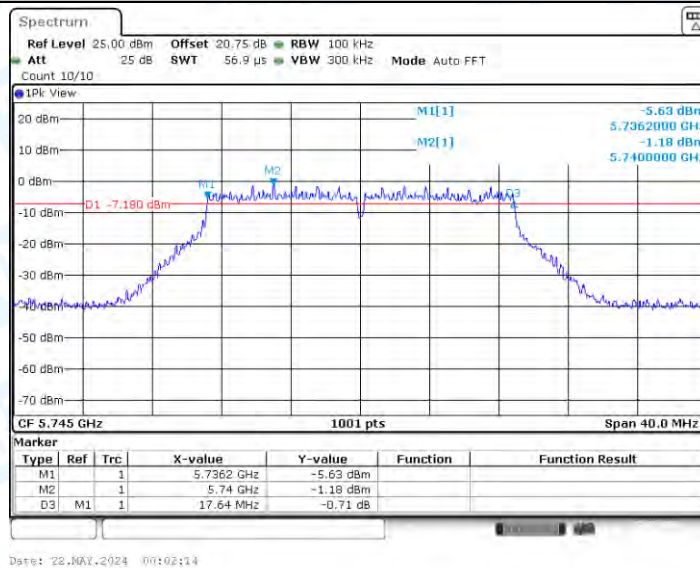
11A-CDD_Ant2_5825



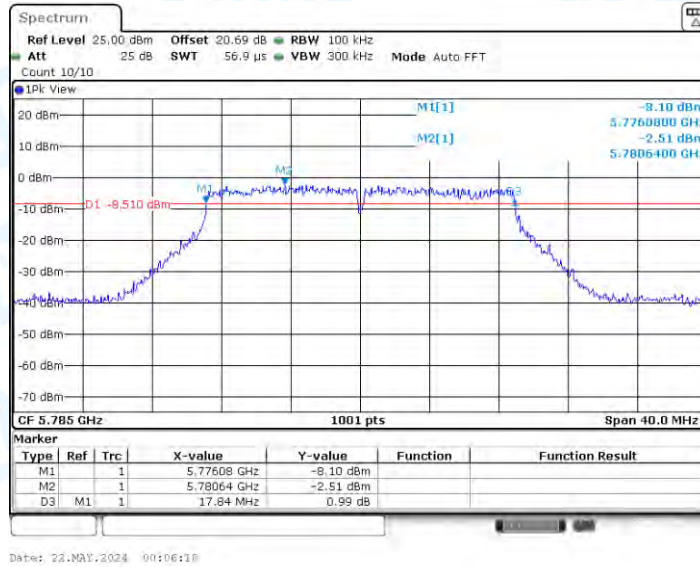
11N20MIMO_Ant1_5745



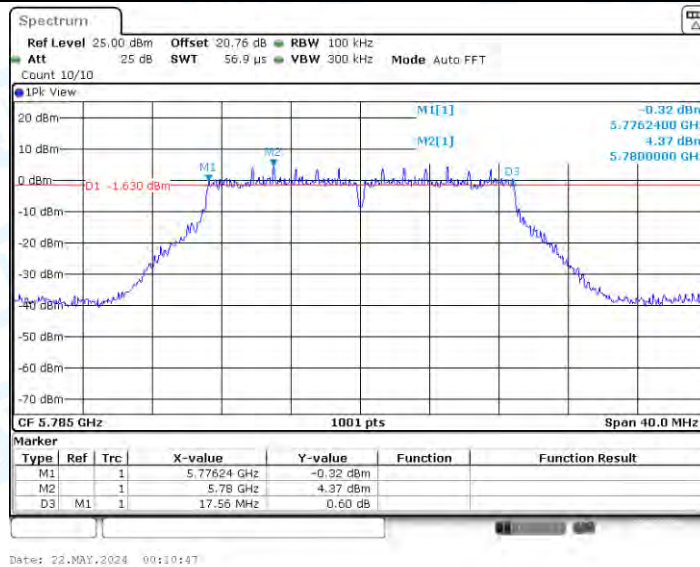
11N20MIMO_Ant2_5745



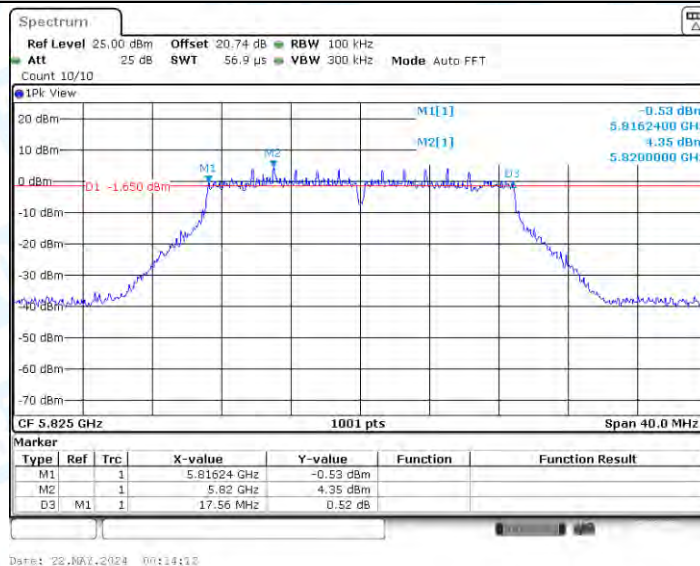
11N20MIMO_Ant1_5785



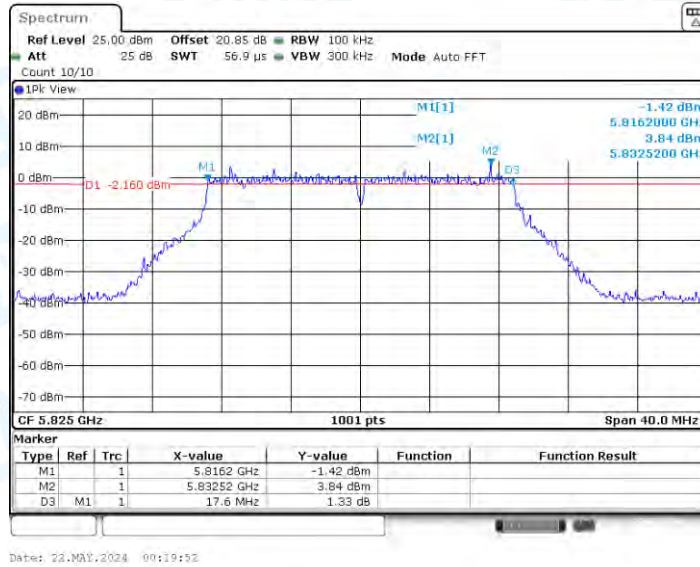
11N20MIMO_Ant2_5785



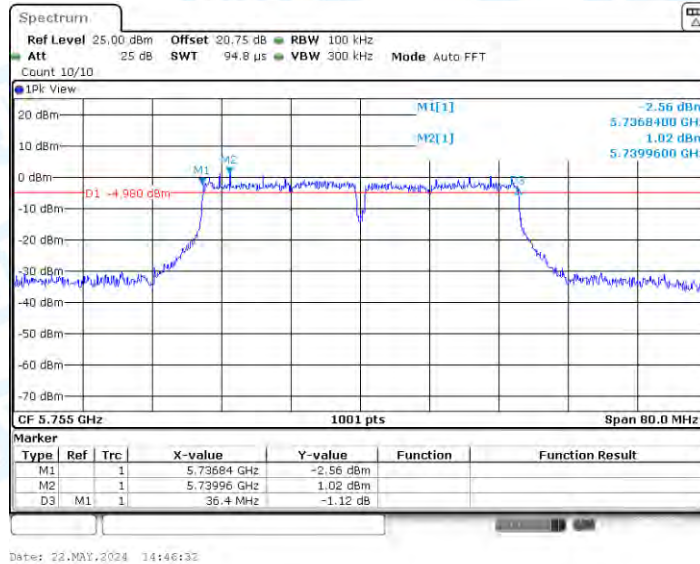
11N20MIMO_Ant1_5825



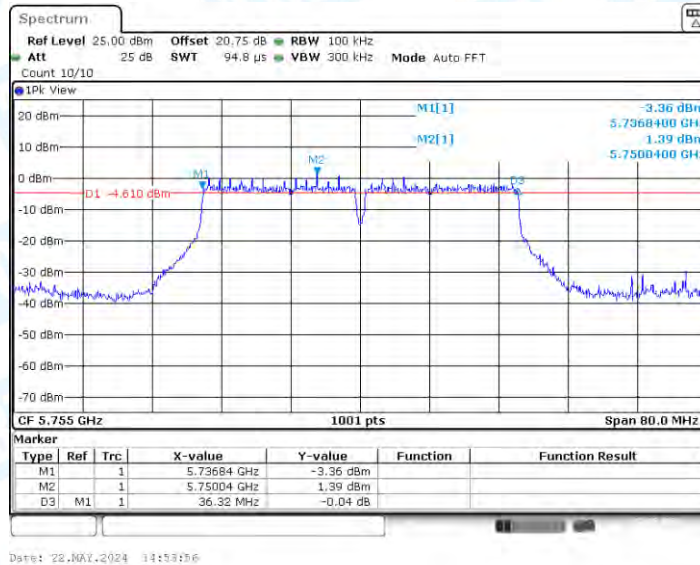
11N20MIMO_Ant2_5825



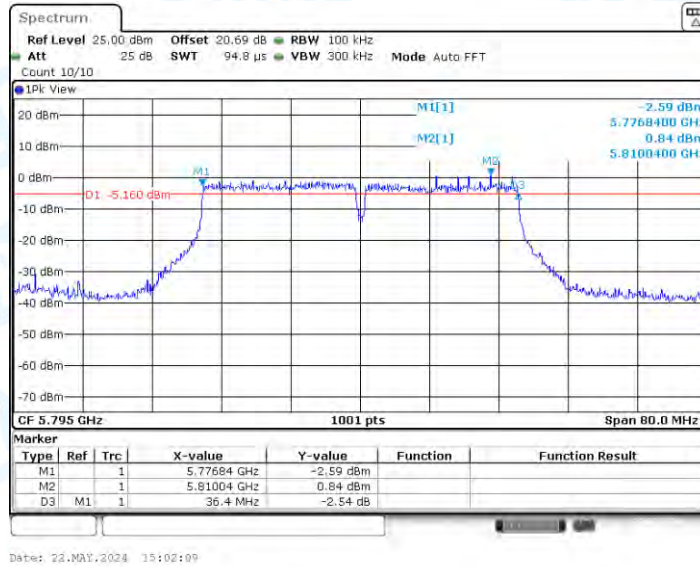
11N40MIMO_Ant1_5755



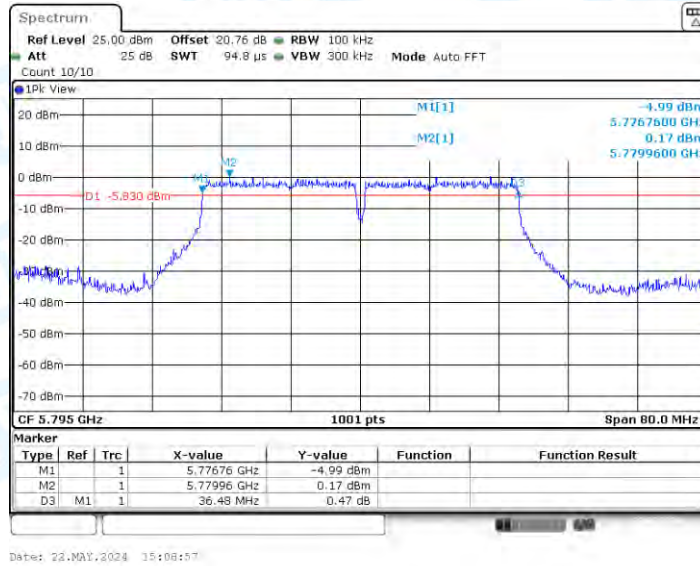
11N40MIMO_Ant2_5755



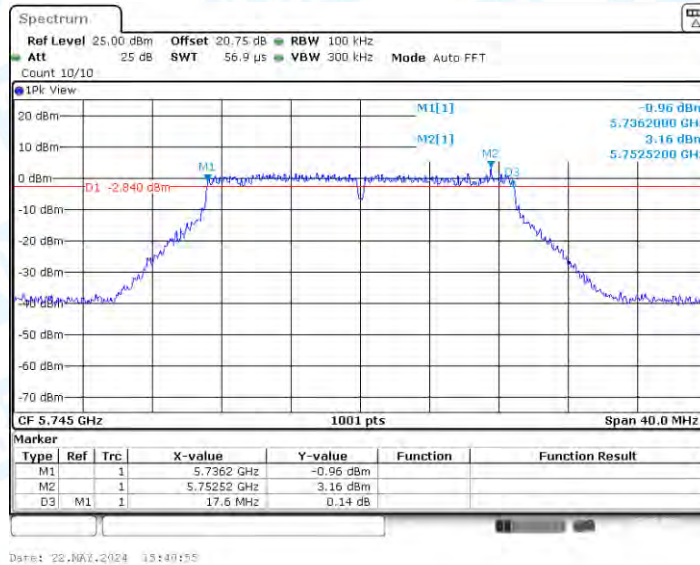
11N40MIMO_Ant1_5795



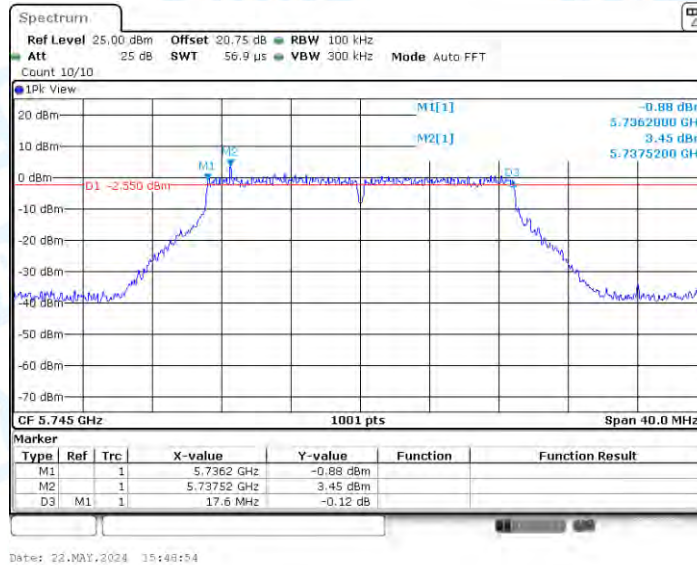
11N40MIMO_Ant2_5795



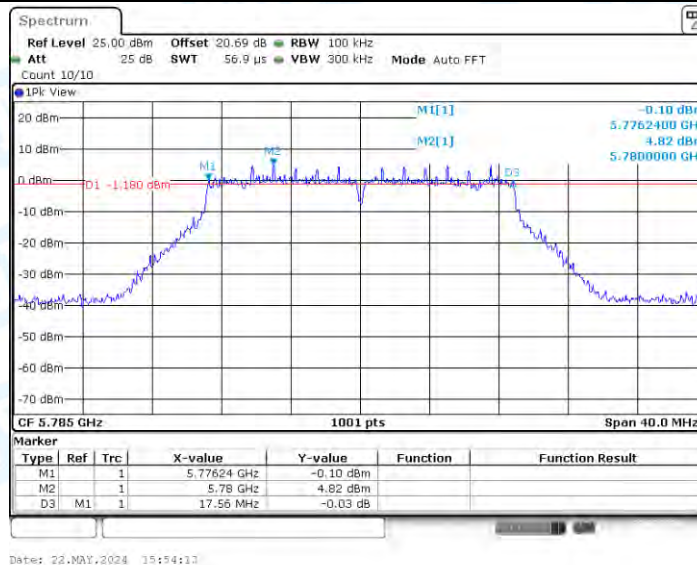
11AC20MIMO_Ant1_5745



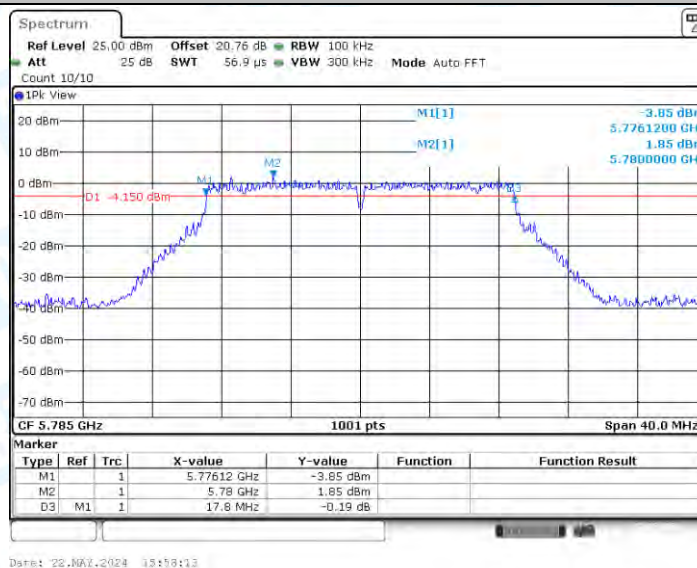
11AC20MIMO_Ant2_5745



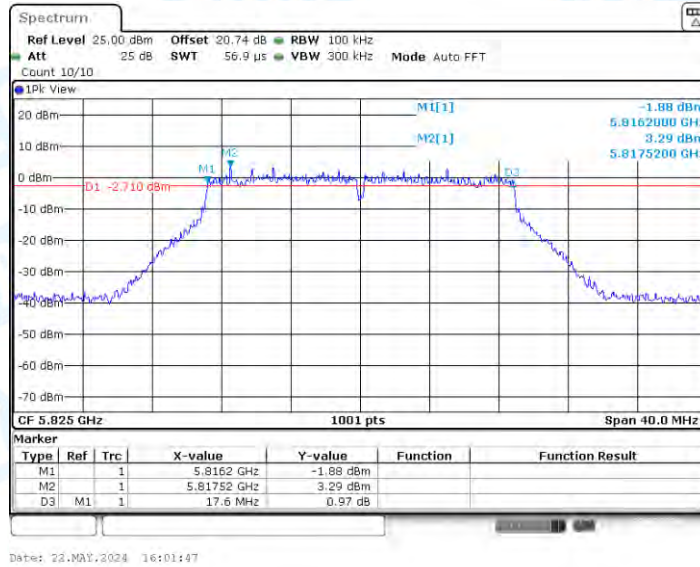
11AC20MIMO_Ant1_5785



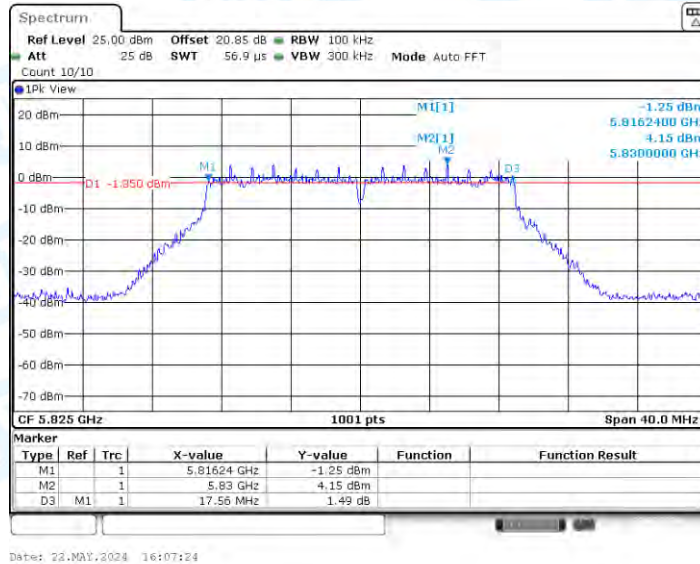
11AC20MIMO_Ant2_5785



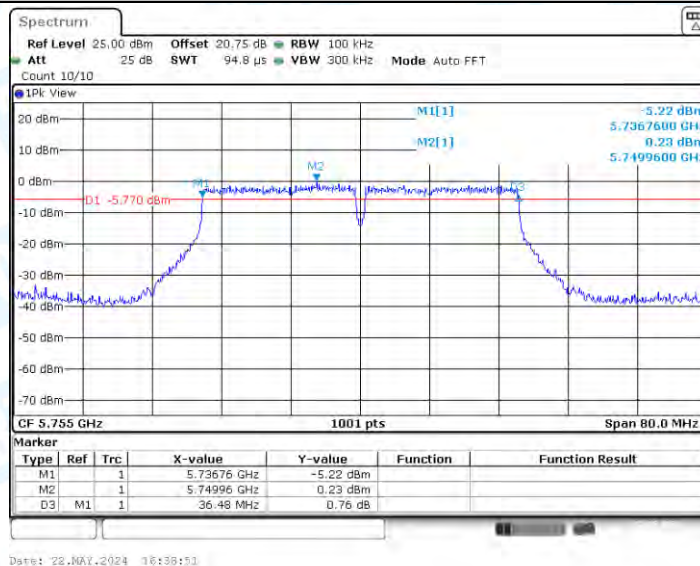
11AC20MIMO_Ant1_5825



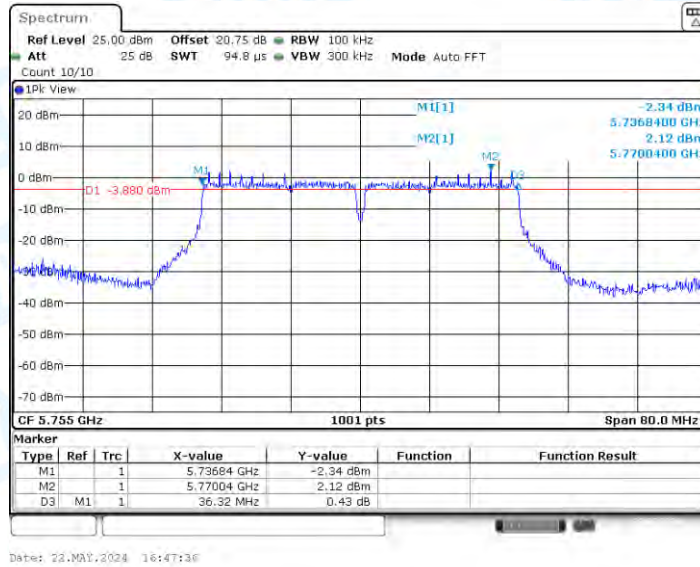
11AC20MIMO_Ant2_5825



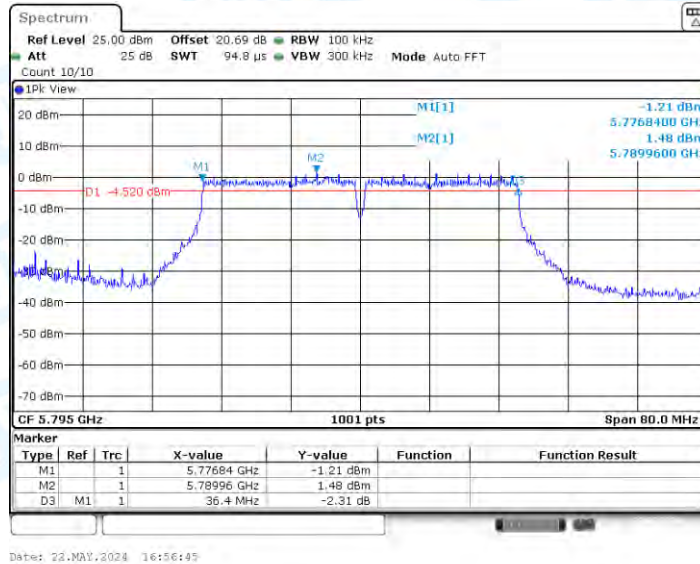
11AC40MIMO_Ant1_5755



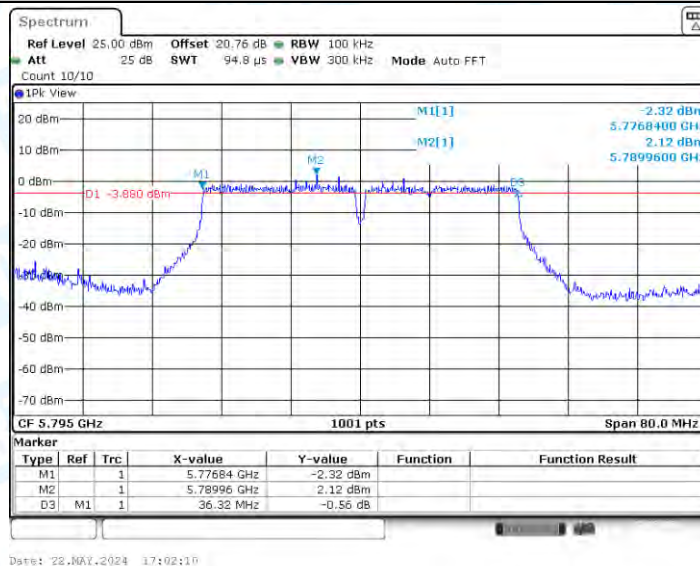
11AC40MIMO_Ant2_5755



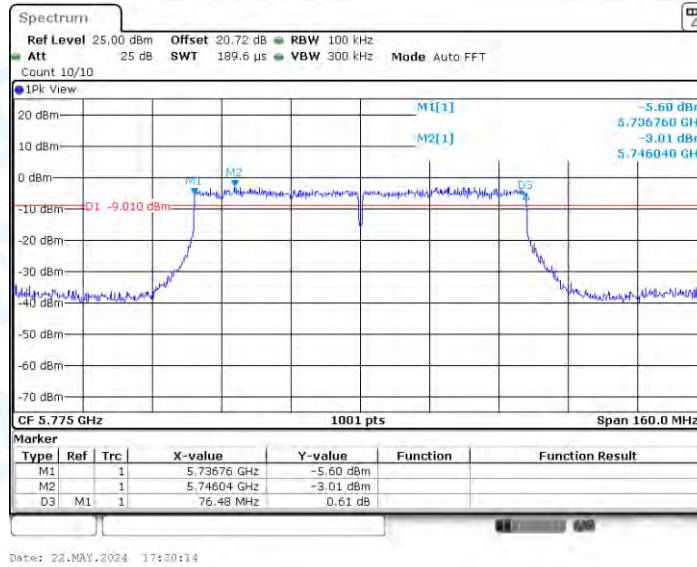
11AC40MIMO_Ant1_5795



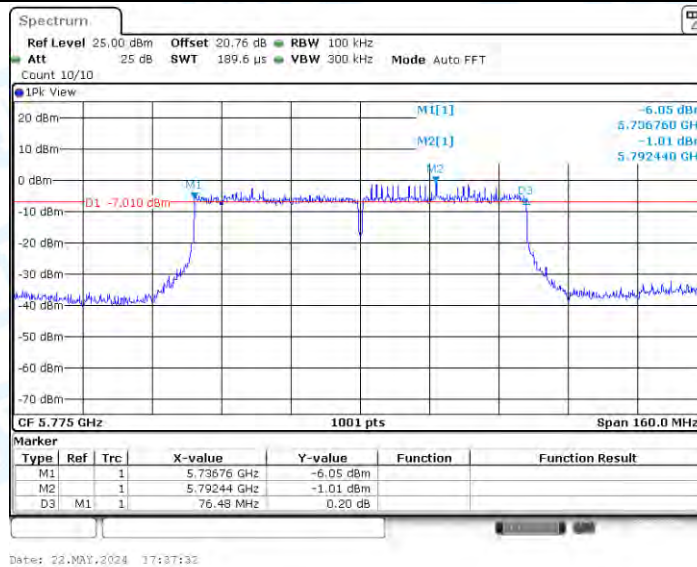
11AC40MIMO_Ant2_5795



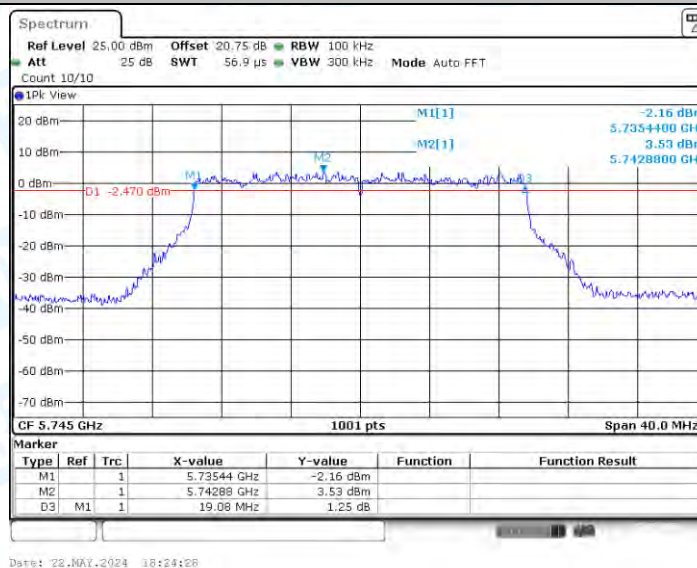
11AC80MIMO_Ant1_5775



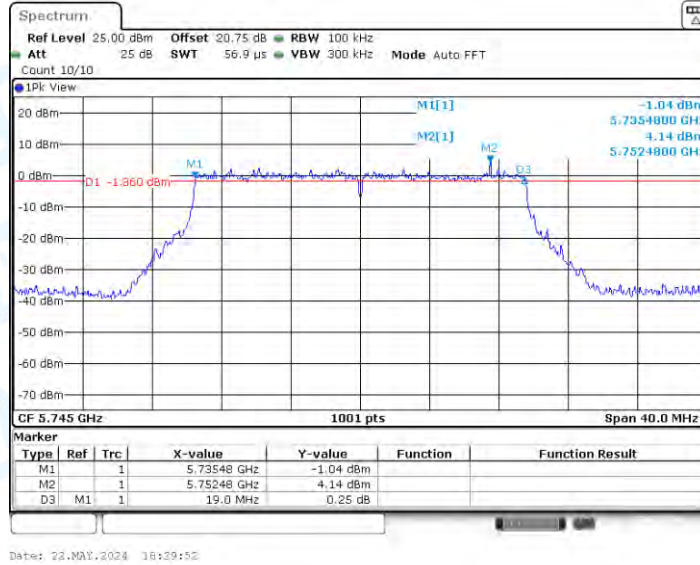
11AC80MIMO_Ant2_5775



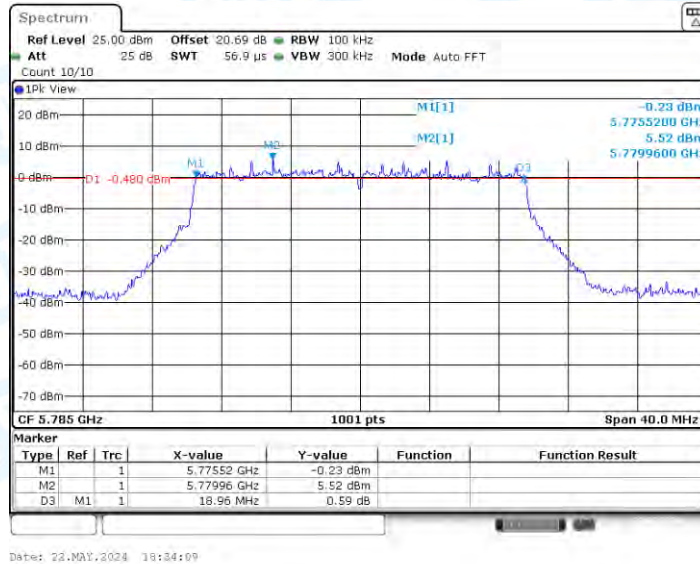
11AX20MIMO_Ant1_5745



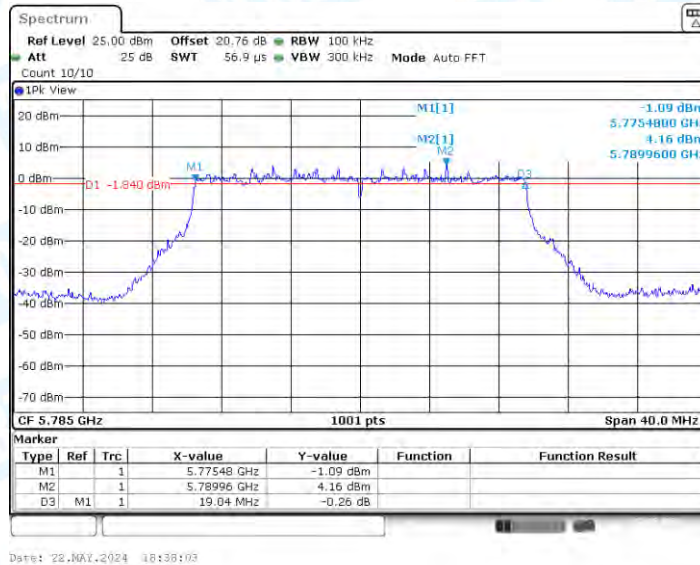
11AX20MIMO_Ant2_5745



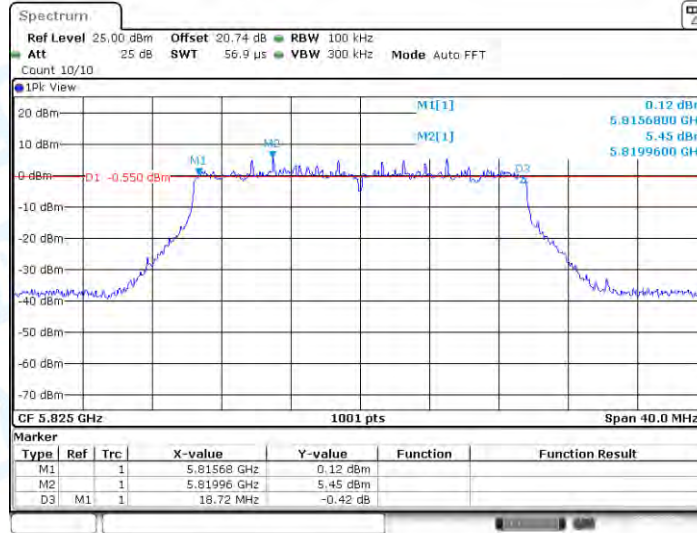
11AX20MIMO_Ant1_5785



11AX20MIMO_Ant2_5785

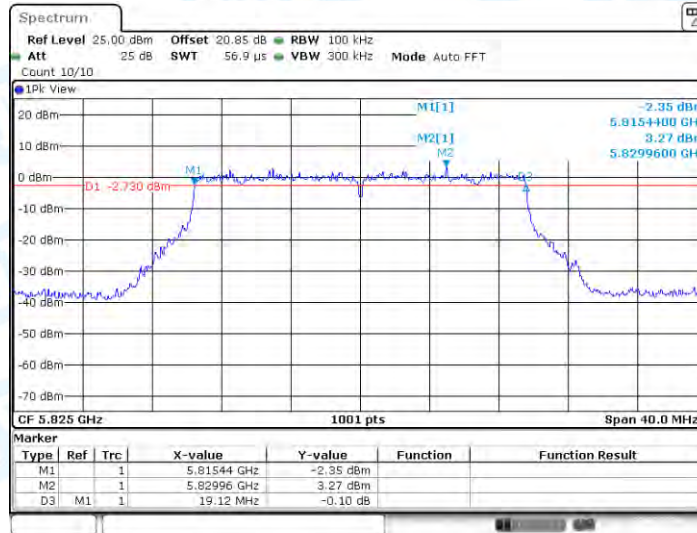


11AX20MIMO_Ant1_5825



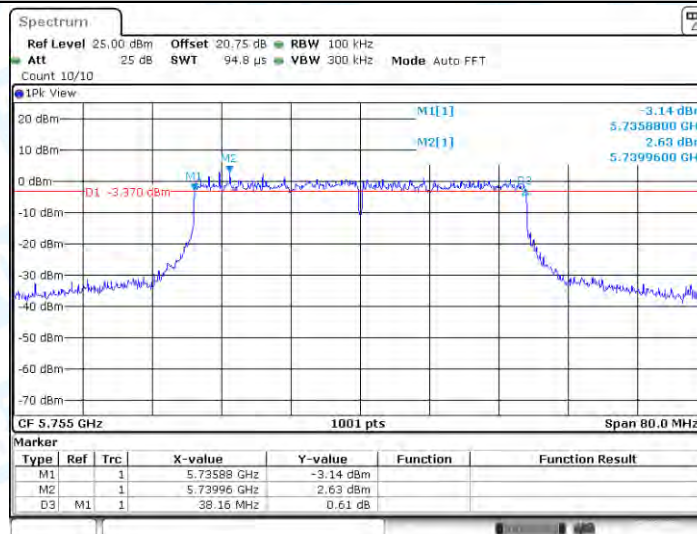
Date: 22.MAY.2024 18:41:04

11AX20MIMO_Ant2_5825



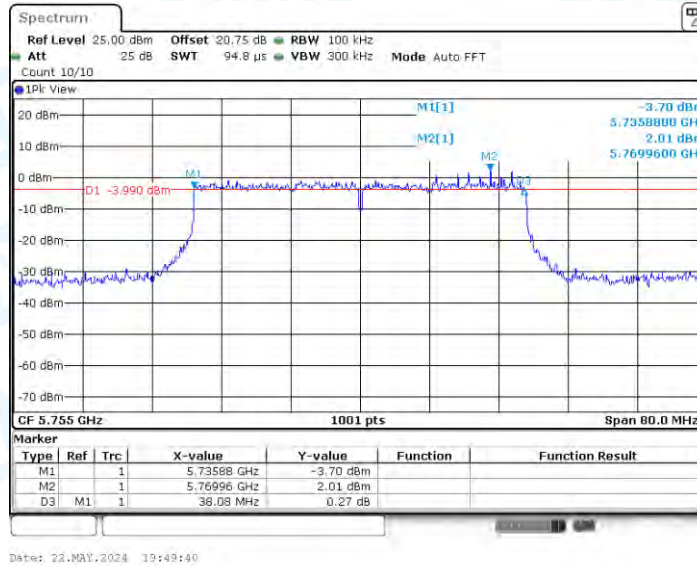
Date: 22.MAY.2024 18:47:21

11AX40MIMO_Ant1_5755

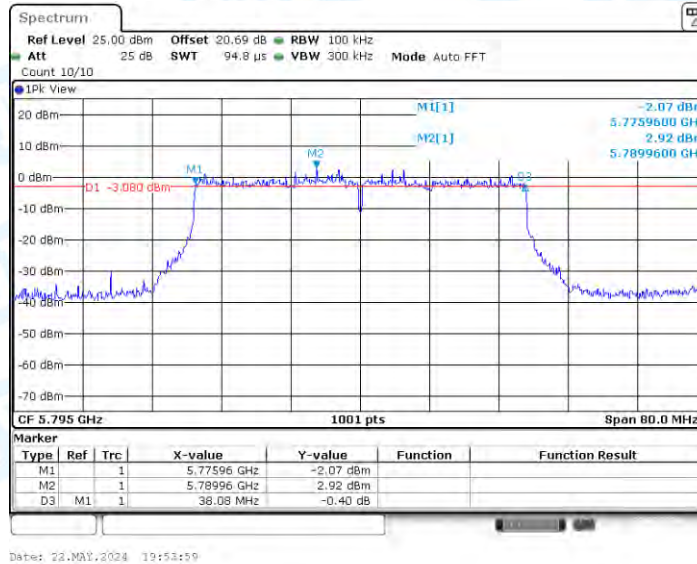


Date: 22.MAY.2024 18:48:14

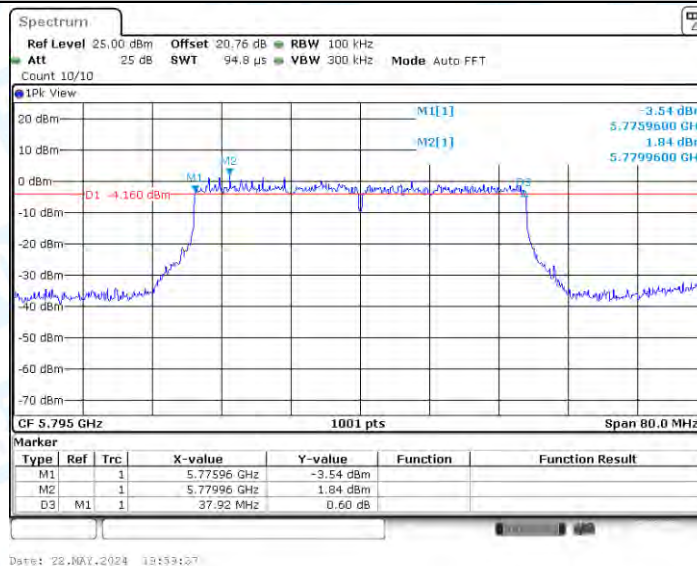
11AX40MIMO_Ant2_5755



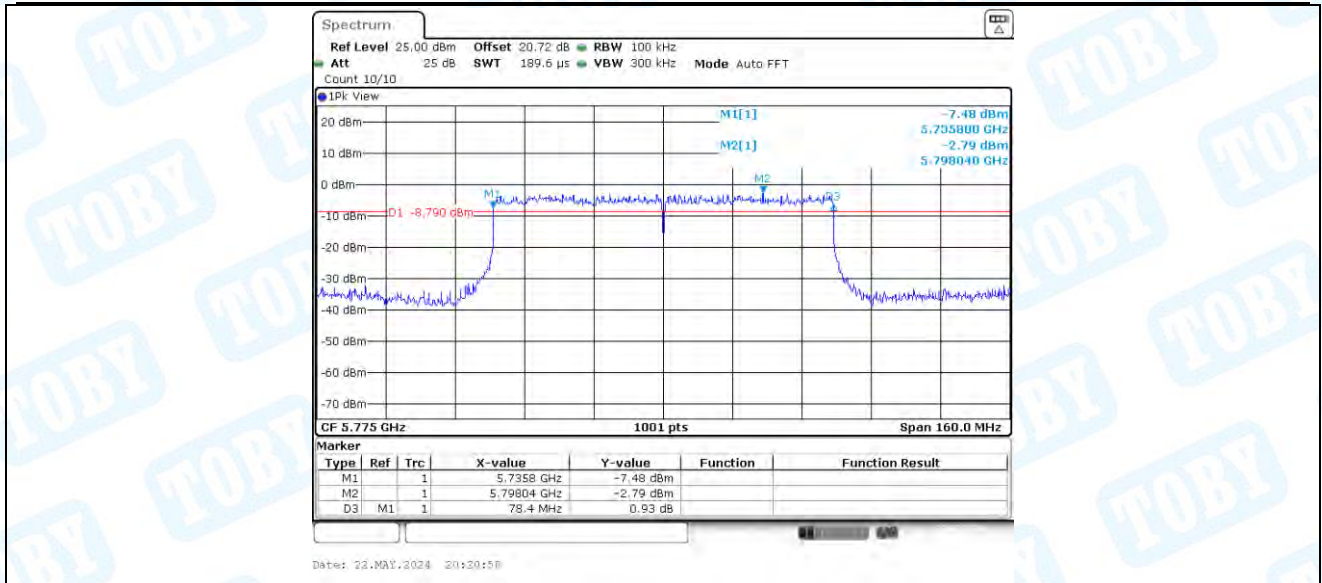
11AX40MIMO_Ant1_5795



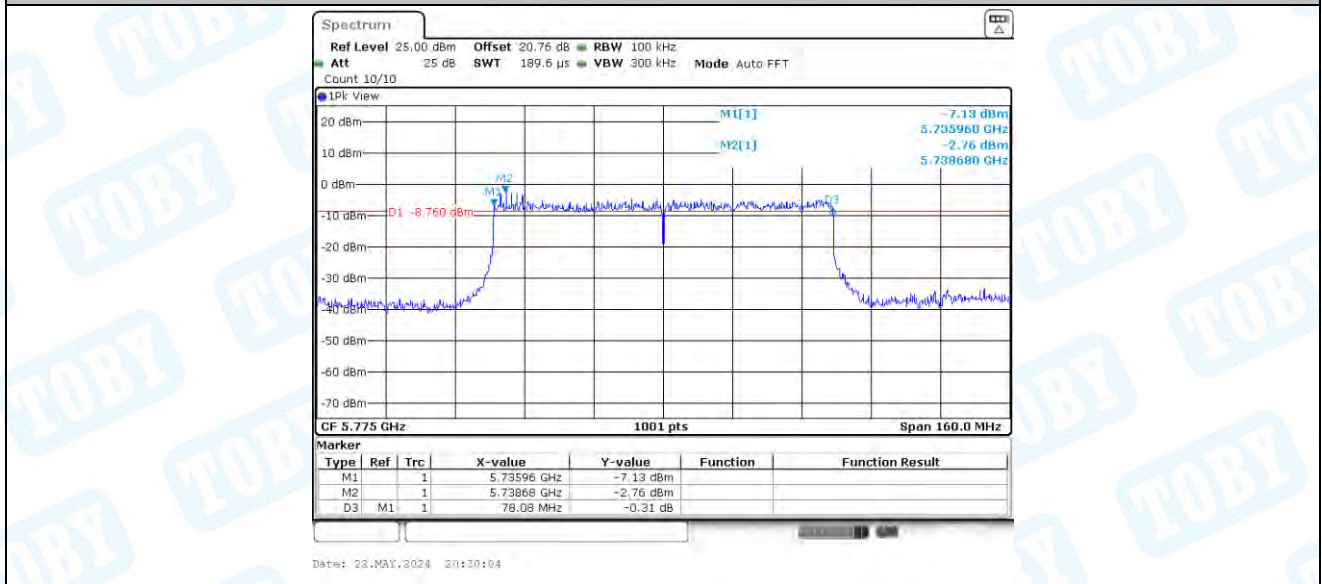
11AX40MIMO_Ant2_5795



11AX80MIMO_Ant1_5775



11AX80MIMO_Ant2_5775



4. Maximum conducted output power

4.1. Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A-CDD	Ant1	5180	13.83	≤23.98	PASS
	Ant2	5180	13.84	≤23.98	PASS
	total	5180	16.85	≤23.98	PASS
	Ant1	5200	14.18	≤23.98	PASS
	Ant2	5200	14.37	≤23.98	PASS
	total	5200	17.29	≤23.98	PASS
	Ant1	5240	14.88	≤23.98	PASS
	Ant2	5240	15.19	≤23.98	PASS
	total	5240	18.05	≤23.98	PASS
	Ant1	5745	17.09	≤30.00	PASS
	Ant2	5745	17.10	≤30.00	PASS
	total	5745	20.11	≤30.00	PASS
	Ant1	5785	16.98	≤30.00	PASS
	Ant2	5785	16.67	≤30.00	PASS
	total	5785	19.84	≤30.00	PASS
	Ant1	5825	16.29	≤30.00	PASS
	Ant2	5825	17.30	≤30.00	PASS
	total	5825	19.83	≤30.00	PASS
11N20MIMO	Ant1	5180	12.97	≤23.98	PASS
	Ant2	5180	12.91	≤23.98	PASS
	total	5180	15.95	≤23.98	PASS
	Ant1	5200	12.76	≤23.98	PASS
	Ant2	5200	13.47	≤23.98	PASS
	total	5200	16.14	≤23.98	PASS
	Ant1	5240	12.92	≤23.98	PASS
	Ant2	5240	13.98	≤23.98	PASS
	total	5240	16.49	≤23.98	PASS
	Ant1	5745	17.97	≤30.00	PASS
	Ant2	5745	17.36	≤30.00	PASS
	total	5745	20.69	≤30.00	PASS
	Ant1	5785	17.84	≤30.00	PASS
	Ant2	5785	17.43	≤30.00	PASS
	total	5785	20.65	≤30.00	PASS
	Ant1	5825	16.92	≤30.00	PASS
	Ant2	5825	17.30	≤30.00	PASS
	total	5825	20.12	≤30.00	PASS
11N40MIMO	Ant1	5190	13.63	≤23.98	PASS
	Ant2	5190	13.79	≤23.98	PASS
	total	5190	16.72	≤23.98	PASS
	Ant1	5230	13.22	≤23.98	PASS

	Ant2	5230	14.52	≤23.98	PASS
	total	5230	16.93	≤23.98	PASS
	Ant1	5755	18.03	≤30.00	PASS
	Ant2	5755	17.26	≤30.00	PASS
	total	5755	20.67	≤30.00	PASS
	Ant1	5795	17.39	≤30.00	PASS
	Ant2	5795	17.33	≤30.00	PASS
	total	5795	20.37	≤30.00	PASS
11AC20MIMO	Ant1	5180	12.94	≤23.98	PASS
	Ant2	5180	12.78	≤23.98	PASS
	total	5180	15.87	≤23.98	PASS
	Ant1	5200	12.70	≤23.98	PASS
	Ant2	5200	13.30	≤23.98	PASS
	total	5200	16.02	≤23.98	PASS
	Ant1	5240	13.41	≤23.98	PASS
	Ant2	5240	13.80	≤23.98	PASS
	total	5240	16.62	≤23.98	PASS
	Ant1	5745	17.57	≤30.00	PASS
	Ant2	5745	17.17	≤30.00	PASS
	total	5745	20.38	≤30.00	PASS
	Ant1	5785	17.58	≤30.00	PASS
	Ant2	5785	17.31	≤30.00	PASS
	total	5785	20.46	≤30.00	PASS
	Ant1	5825	16.94	≤30.00	PASS
	Ant2	5825	17.22	≤30.00	PASS
	total	5825	20.09	≤30.00	PASS
11AC40MIMO	Ant1	5190	13.44	≤23.98	PASS
	Ant2	5190	13.49	≤23.98	PASS
	total	5190	16.48	≤23.98	PASS
	Ant1	5230	12.54	≤23.98	PASS
	Ant2	5230	13.20	≤23.98	PASS
	total	5230	15.89	≤23.98	PASS
	Ant1	5755	15.37	≤30.00	PASS
	Ant2	5755	14.94	≤30.00	PASS
	total	5755	18.17	≤30.00	PASS
	Ant1	5795	15.99	≤30.00	PASS
	Ant2	5795	15.35	≤30.00	PASS
	total	5795	18.69	≤30.00	PASS
11AC80MIMO	Ant1	5210	12.35	≤23.98	PASS
	Ant2	5210	12.81	≤23.98	PASS
	total	5210	15.60	≤23.98	PASS
	Ant1	5775	15.56	≤30.00	PASS
	Ant2	5775	15.01	≤30.00	PASS
	total	5775	18.30	≤30.00	PASS
11AX20MIMO	Ant1	5180	12.67	≤23.98	PASS

	Ant2	5180	11.62	≤23.98	PASS
	total	5180	15.19	≤23.98	PASS
	Ant1	5200	11.92	≤23.98	PASS
	Ant2	5200	12.23	≤23.98	PASS
	total	5200	15.09	≤23.98	PASS
	Ant1	5240	12.13	≤23.98	PASS
	Ant2	5240	12.70	≤23.98	PASS
	total	5240	15.43	≤23.98	PASS
	Ant1	5745	15.16	≤30.00	PASS
	Ant2	5745	14.75	≤30.00	PASS
	total	5745	17.97	≤30.00	PASS
	Ant1	5785	15.09	≤30.00	PASS
	Ant2	5785	14.89	≤30.00	PASS
	total	5785	18.00	≤30.00	PASS
	Ant1	5825	14.75	≤30.00	PASS
	Ant2	5825	14.27	≤30.00	PASS
	total	5825	17.53	≤30.00	PASS
11AX40MIMO	Ant1	5190	11.61	≤23.98	PASS
	Ant2	5190	11.48	≤23.98	PASS
	total	5190	14.56	≤23.98	PASS
	Ant1	5230	11.49	≤23.98	PASS
	Ant2	5230	12.67	≤23.98	PASS
	total	5230	15.13	≤23.98	PASS
	Ant1	5755	15.61	≤30.00	PASS
	Ant2	5755	14.61	≤30.00	PASS
	total	5755	18.15	≤30.00	PASS
	Ant1	5795	16.04	≤30.00	PASS
	Ant2	5795	14.99	≤30.00	PASS
	total	5795	18.56	≤30.00	PASS
11AX80MIMO	Ant1	5210	11.22	≤23.98	PASS
	Ant2	5210	11.60	≤23.98	PASS
	total	5210	14.42	≤23.98	PASS
	Ant1	5775	14.95	≤30.00	PASS
	Ant2	5775	14.02	≤30.00	PASS
	total	5775	17.52	≤30.00	PASS

Note: The Duty Cycle Factor is compensated in the graph.

5. Maximum power spectral density

5.1. Test Result

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A-CDD	Ant1	5180	3.84	≤11.00	PASS
	Ant2	5180	3.80	≤11.00	PASS
	total	5180	6.83	≤11.00	PASS
	Ant1	5200	4.99	≤11.00	PASS
	Ant2	5200	3.88	≤11.00	PASS
	total	5200	7.48	≤11.00	PASS
	Ant1	5240	5.10	≤11.00	PASS
	Ant2	5240	4.79	≤11.00	PASS
	total	5240	7.96	≤11.00	PASS
	Ant1	5745	3.81	≤30.00	PASS
	Ant2	5745	3.22	≤30.00	PASS
	total	5745	6.54	≤30.00	PASS
	Ant1	5785	3.57	≤30.00	PASS
	Ant2	5785	3.43	≤30.00	PASS
	total	5785	6.51	≤30.00	PASS
	Ant1	5825	2.83	≤30.00	PASS
	Ant2	5825	3.61	≤30.00	PASS
	total	5825	6.25	≤30.00	PASS
11N20MIMO	Ant1	5180	2.73	≤11.00	PASS
	Ant2	5180	2.36	≤11.00	PASS
	total	5180	5.56	≤11.00	PASS
	Ant1	5200	2.69	≤11.00	PASS
	Ant2	5200	3.10	≤11.00	PASS
	total	5200	5.91	≤11.00	PASS
	Ant1	5240	2.58	≤11.00	PASS
	Ant2	5240	3.52	≤11.00	PASS
	total	5240	6.09	≤11.00	PASS
	Ant1	5745	4.77	≤30.00	PASS
	Ant2	5745	3.74	≤30.00	PASS
	total	5745	7.30	≤30.00	PASS
	Ant1	5785	4.48	≤30.00	PASS
	Ant2	5785	3.83	≤30.00	PASS
	total	5785	7.18	≤30.00	PASS
	Ant1	5825	3.53	≤30.00	PASS
	Ant2	5825	3.66	≤30.00	PASS
	total	5825	6.61	≤30.00	PASS
11N40MIMO	Ant1	5190	0.29	≤11.00	PASS
	Ant2	5190	0.67	≤11.00	PASS
	total	5190	3.49	≤11.00	PASS
	Ant1	5230	-0.27	≤11.00	PASS

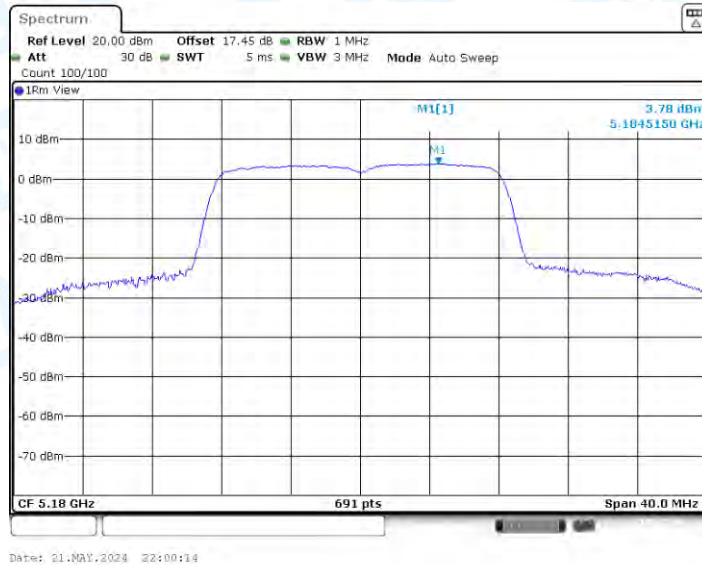
	Ant2	5230	0.87	≤11.00	PASS
	total	5230	3.35	≤11.00	PASS
	Ant1	5755	1.61	≤30.00	PASS
	Ant2	5755	0.94	≤30.00	PASS
	total	5755	4.30	≤30.00	PASS
	Ant1	5795	0.75	≤30.00	PASS
	Ant2	5795	0.41	≤30.00	PASS
	total	5795	3.59	≤30.00	PASS
11AC20MIMO	Ant1	5180	2.58	≤11.00	PASS
	Ant2	5180	2.12	≤11.00	PASS
	total	5180	5.37	≤11.00	PASS
	Ant1	5200	2.52	≤11.00	PASS
	Ant2	5200	2.78	≤11.00	PASS
	total	5200	5.66	≤11.00	PASS
	Ant1	5240	2.50	≤11.00	PASS
	Ant2	5240	3.15	≤11.00	PASS
	total	5240	5.85	≤11.00	PASS
	Ant1	5745	4.26	≤30.00	PASS
	Ant2	5745	3.36	≤30.00	PASS
	total	5745	6.84	≤30.00	PASS
	Ant1	5785	4.09	≤30.00	PASS
	Ant2	5785	3.52	≤30.00	PASS
	total	5785	6.82	≤30.00	PASS
	Ant1	5825	3.37	≤30.00	PASS
	Ant2	5825	3.58	≤30.00	PASS
	total	5825	6.49	≤30.00	PASS
11AC40MIMO	Ant1	5190	0.23	≤11.00	PASS
	Ant2	5190	0.45	≤11.00	PASS
	total	5190	3.35	≤11.00	PASS
	Ant1	5230	-1.37	≤11.00	PASS
	Ant2	5230	-0.42	≤11.00	PASS
	total	5230	2.14	≤11.00	PASS
	Ant1	5755	-0.67	≤30.00	PASS
	Ant2	5755	-1.67	≤30.00	PASS
	total	5755	1.87	≤30.00	PASS
	Ant1	5795	-0.71	≤30.00	PASS
	Ant2	5795	-1.73	≤30.00	PASS
	total	5795	1.82	≤30.00	PASS
11AC80MIMO	Ant1	5210	-3.96	≤11.00	PASS
	Ant2	5210	-3.03	≤11.00	PASS
	total	5210	-0.46	≤11.00	PASS
	Ant1	5775	-4.04	≤30.00	PASS
	Ant2	5775	-4.99	≤30.00	PASS
	total	5775	-1.48	≤30.00	PASS
11AX20MIMO	Ant1	5180	1.58	≤11.00	PASS

	Ant2	5180	0.74	≤11.00	PASS
	total	5180	4.19	≤11.00	PASS
	Ant1	5200	1.57	≤11.00	PASS
	Ant2	5200	1.50	≤11.00	PASS
	total	5200	4.55	≤11.00	PASS
	Ant1	5240	1.62	≤11.00	PASS
	Ant2	5240	1.91	≤11.00	PASS
	total	5240	4.78	≤11.00	PASS
	Ant1	5745	1.94	≤30.00	PASS
	Ant2	5745	0.54	≤30.00	PASS
	total	5745	4.31	≤30.00	PASS
	Ant1	5785	1.64	≤30.00	PASS
	Ant2	5785	0.45	≤30.00	PASS
	total	5785	4.10	≤30.00	PASS
	Ant1	5825	1.28	≤30.00	PASS
	Ant2	5825	0.38	≤30.00	PASS
	total	5825	3.86	≤30.00	PASS
11AX40MIMO	Ant1	5190	-2.08	≤11.00	PASS
	Ant2	5190	-2.01	≤11.00	PASS
	total	5190	0.97	≤11.00	PASS
	Ant1	5230	-2.26	≤11.00	PASS
	Ant2	5230	-1.53	≤11.00	PASS
	total	5230	1.13	≤11.00	PASS
	Ant1	5755	-0.54	≤30.00	PASS
	Ant2	5755	-2.20	≤30.00	PASS
	total	5755	1.72	≤30.00	PASS
	Ant1	5795	-0.90	≤30.00	PASS
	Ant2	5795	-1.90	≤30.00	PASS
	total	5795	1.64	≤30.00	PASS
11AX80MIMO	Ant1	5210	-4.78	≤11.00	PASS
	Ant2	5210	-3.87	≤11.00	PASS
	total	5210	-1.29	≤11.00	PASS
	Ant1	5775	-4.64	≤30.00	PASS
	Ant2	5775	-5.82	≤30.00	PASS
	total	5775	-2.18	≤30.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

5.2. Test Graphs

11A-CDD_Ant1_5180



11A-CDD_Ant2_5180



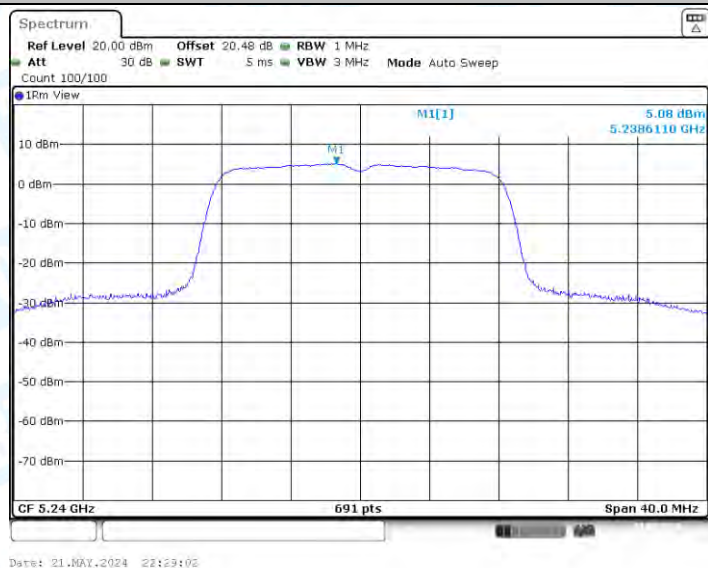
11A-CDD_Ant1_5200



11A-CDD_Ant2_5200



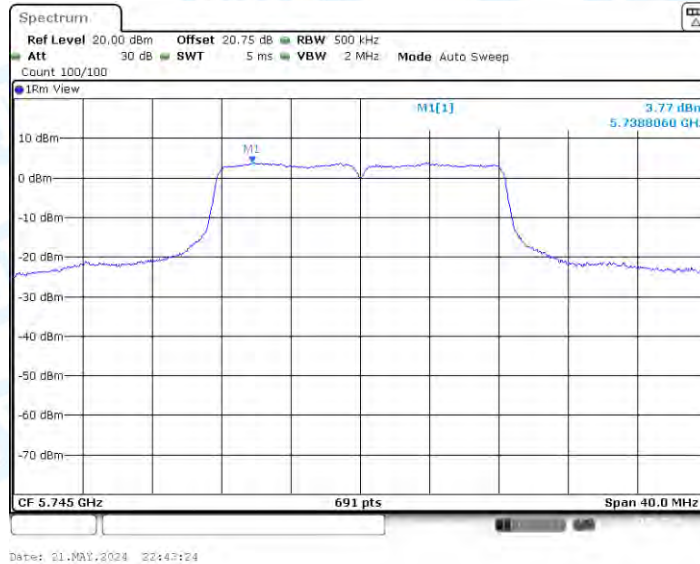
11A-CDD_Ant1_5240



11A-CDD_Ant2_5240



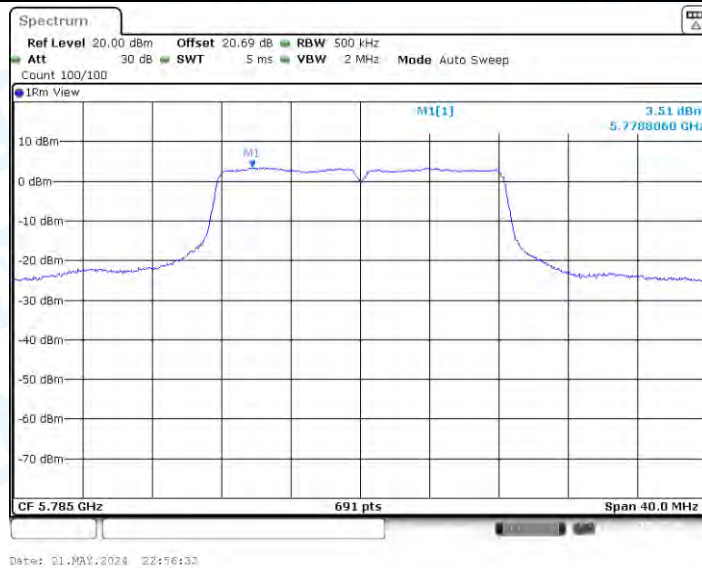
11A-CDD_Ant1_5745



11A-CDD_Ant2_5745



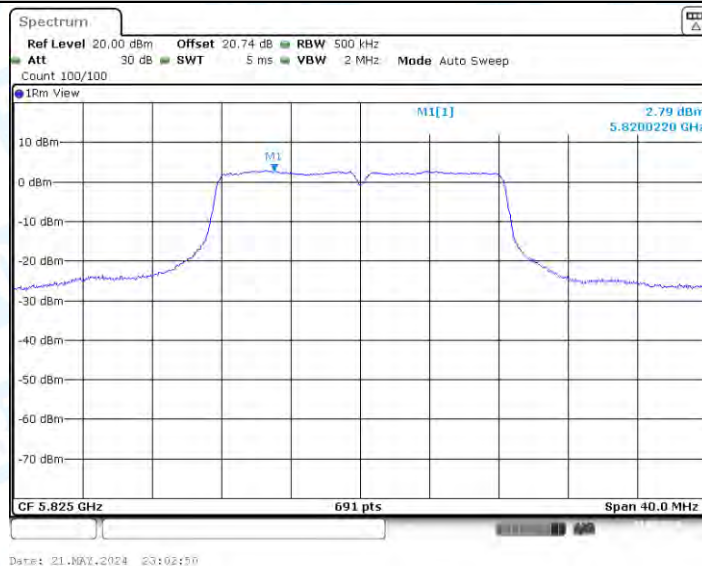
11A-CDD_Ant1_5785



11A-CDD_Ant2_5785



11A-CDD_Ant1_5825



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



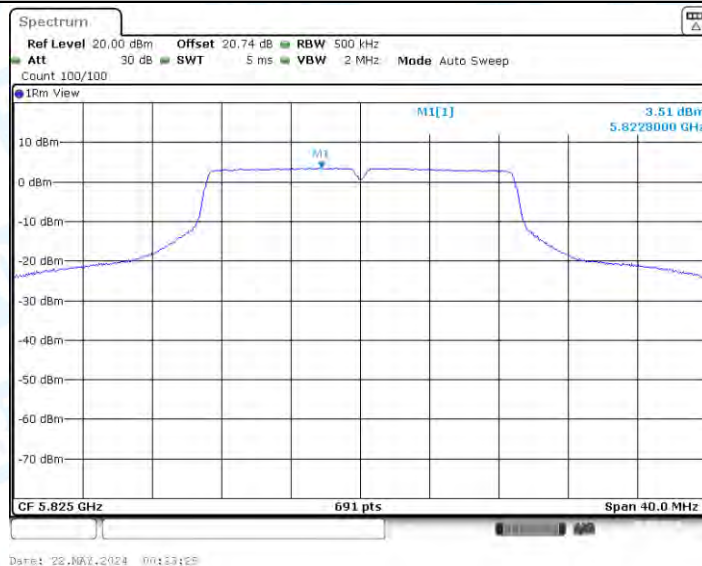
11N20MIMO_Ant1_5785



11N20MIMO_Ant2_5785



11N20MIMO_Ant1_5825



11N20MIMO_Ant2_5825



11N40MIMO_Ant1_5190



11N40MIMO_Ant2_5190



11N40MIMO_Ant1_5230



11N40MIMO_Ant2_5230



11N40MIMO_Ant1_5755



11N40MIMO_Ant2_5755



11N40MIMO_Ant1_5795



11N40MIMO_Ant2_5795



11AC20MIMO_Ant1_5180



11AC20MIMO_Ant2_5180



11AC20MIMO_Ant1_5200



11AC20MIMO_Ant2_5200



11AC20MIMO_Ant1_5240



11AC20MIMO_Ant2_5240



11AC20MIMO_Ant1_5745



11AC20MIMO_Ant2_5745



11AC20MIMO_Ant1_5785



11AC20MIMO_Ant2_5785



11AC20MIMO_Ant1_5825



11AC20MIMO_Ant2_5825



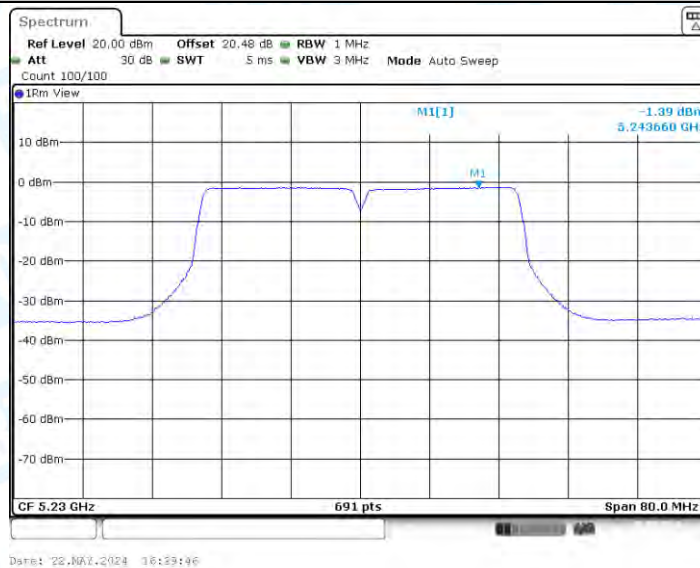
11AC40MIMO_Ant1_5190



11AC40MIMO_Ant2_5190



11AC40MIMO_Ant1_5230



11AC40MIMO_Ant2_5230



11AC40MIMO_Ant1_5755



11AC40MIMO_Ant2_5755



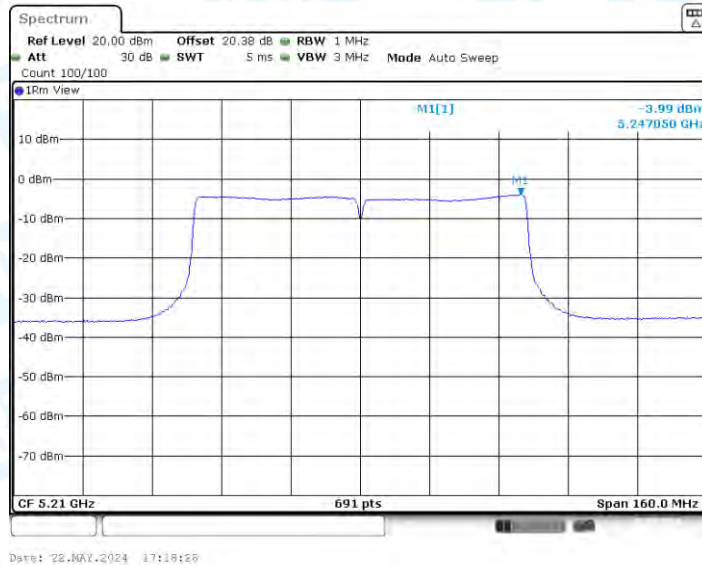
11AC40MIMO_Ant1_5795



11AC40MIMO_Ant2_5795



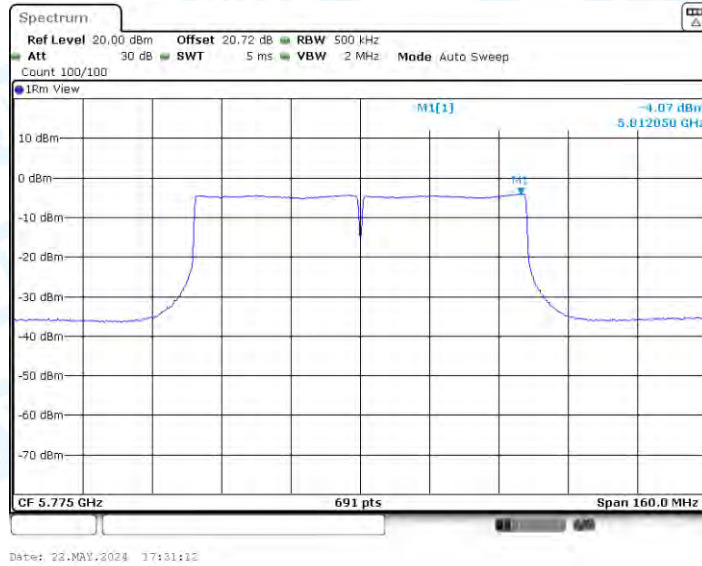
11AC80MIMO_Ant1_5210



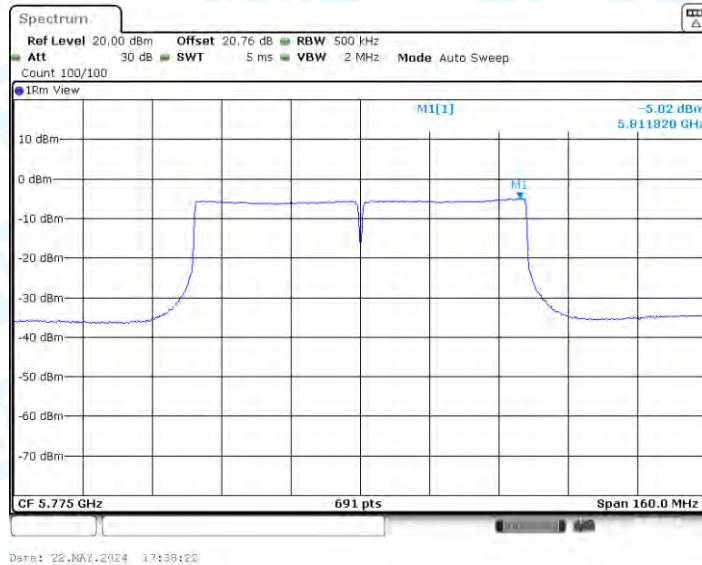
11AC80MIMO_Ant2_5210



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



11AX20MIMO_Ant1_5180



11AX20MIMO_Ant2_5180



11AX20MIMO_Ant1_5200



11AX20MIMO_Ant2_5200



11AX20MIMO_Ant1_5240



11AX20MIMO_Ant2_5240



11AX20MIMO_Ant1_5745