

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

General Description of EUT	
Product Name:	Retro Mini PC
Test Model:	AYANEO Retro Mini PC AM02
Sample ID:	HC-C-202311-0249-01-02-2#
Environmental Conditions	
Temperature:	23.8℃
Relative Humidity:	48%
Test Voltage:	DC 20V
Test Engineer:	Jolin Lee
Note: For a more detailed features description, please refer to the report TBR-C-202311-0249-63	

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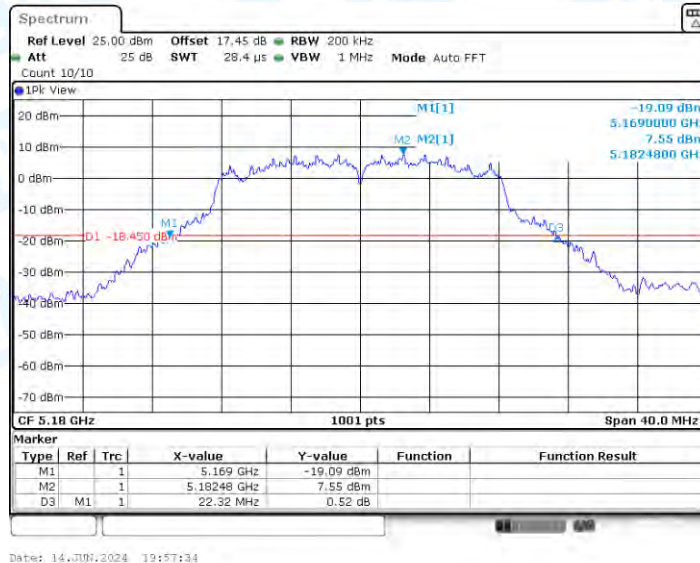
1. Emission Bandwidth

1.1. Test Result

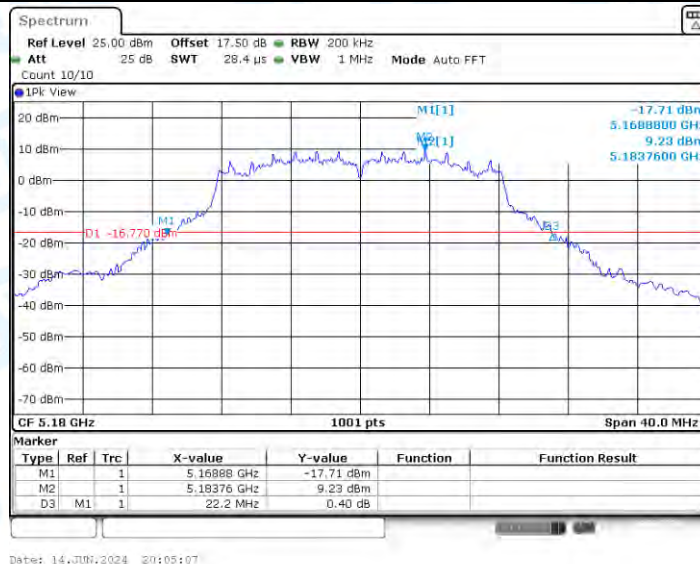
TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	22.32	5169.00	5191.32	---	---
	Ant2	5180	22.20	5168.88	5191.08	---	---
	Ant1	5200	23.72	5188.04	5211.76	---	---
	Ant2	5200	23.00	5188.64	5211.64	---	---
	Ant1	5240	23.00	5228.56	5251.56	---	---
	Ant2	5240	22.84	5228.56	5251.40	---	---
11N20MIMO	Ant1	5180	23.08	5168.60	5191.68	---	---
	Ant2	5180	23.32	5168.28	5191.60	---	---
	Ant1	5200	22.84	5188.76	5211.60	---	---
	Ant2	5200	23.52	5187.80	5211.32	---	---
	Ant1	5240	23.28	5228.24	5251.52	---	---
	Ant2	5240	23.36	5228.32	5251.68	---	---
11N40MIMO	Ant1	5190	43.36	5168.40	5211.76	---	---
	Ant2	5190	43.04	5168.56	5211.60	---	---
	Ant1	5230	43.76	5208.00	5251.76	---	---
	Ant2	5230	43.28	5208.56	5251.84	---	---
11AC20MIMO	Ant1	5180	23.12	5168.28	5191.40	---	---
	Ant2	5180	23.00	5168.60	5191.60	---	---
	Ant1	5200	23.64	5188.24	5211.88	---	---
	Ant2	5200	23.48	5188.00	5211.48	---	---
	Ant1	5240	23.60	5228.00	5251.60	---	---
	Ant2	5240	23.32	5228.64	5251.96	---	---
11AC40MIMO	Ant1	5190	43.04	5168.56	5211.60	---	---
	Ant2	5190	41.84	5168.96	5210.80	---	---
	Ant1	5230	43.20	5208.40	5251.60	---	---
	Ant2	5230	41.52	5209.44	5250.96	---	---
11AC80MIMO	Ant1	5210	83.52	5168.72	5252.24	---	---
	Ant2	5210	82.72	5169.36	5252.08	---	---
11AX20MIMO	Ant1	5180	23.56	5168.24	5191.80	---	---
	Ant2	5180	23.32	5168.28	5191.60	---	---
	Ant1	5200	23.72	5187.84	5211.56	---	---
	Ant2	5200	23.88	5188.20	5212.08	---	---
	Ant1	5240	23.32	5228.40	5251.72	---	---
	Ant2	5240	23.24	5228.48	5251.72	---	---
11AX40MIMO	Ant1	5190	41.60	5169.20	5210.80	---	---
	Ant2	5190	41.68	5168.88	5210.56	---	---
	Ant1	5230	42.80	5208.72	5251.52	---	---
	Ant2	5230	43.92	5208.80	5252.72	---	---
11AX80MIMO	Ant1	5210	82.72	5169.68	5252.40	---	---
	Ant2	5210	81.92	5169.84	5251.76	---	---

2.1. Test Graphs

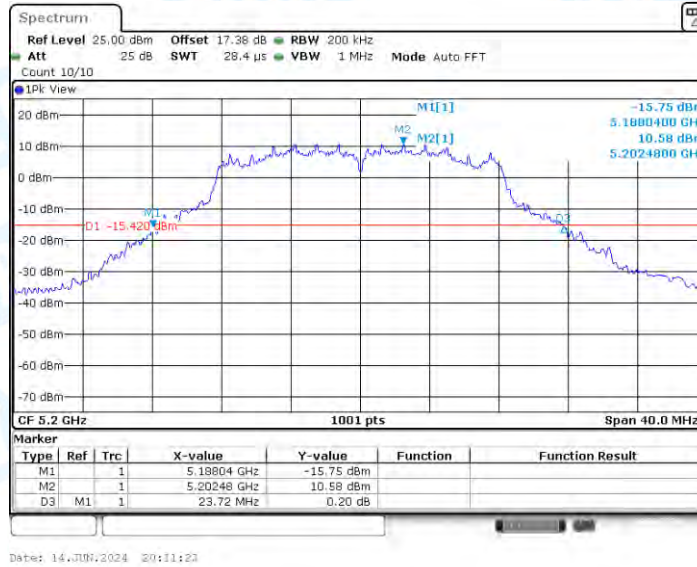
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11A-CDD_Ant2_5180



11A-CDD_Ant1_5200



11A-CDD_Ant2_5200



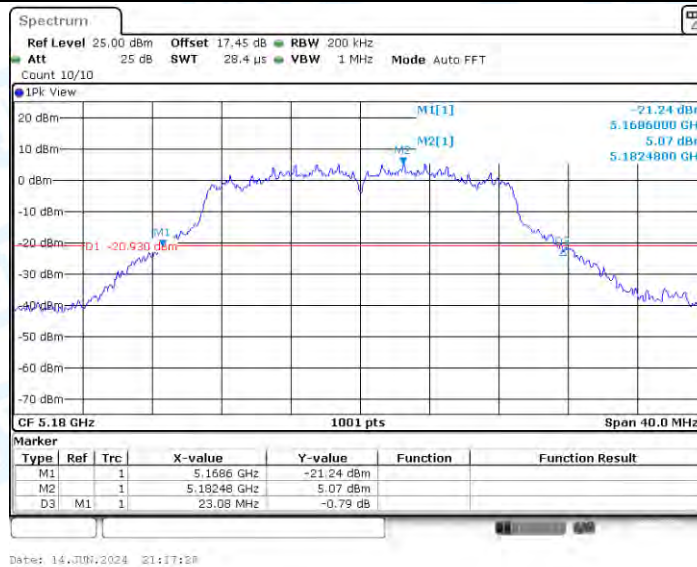
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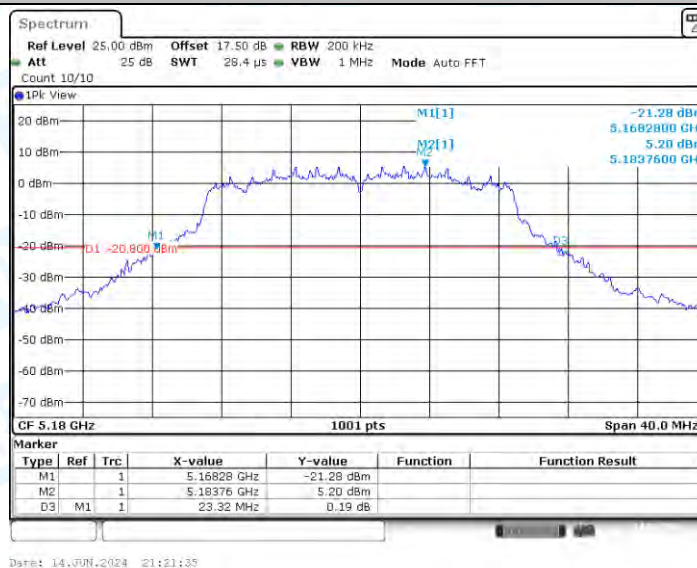
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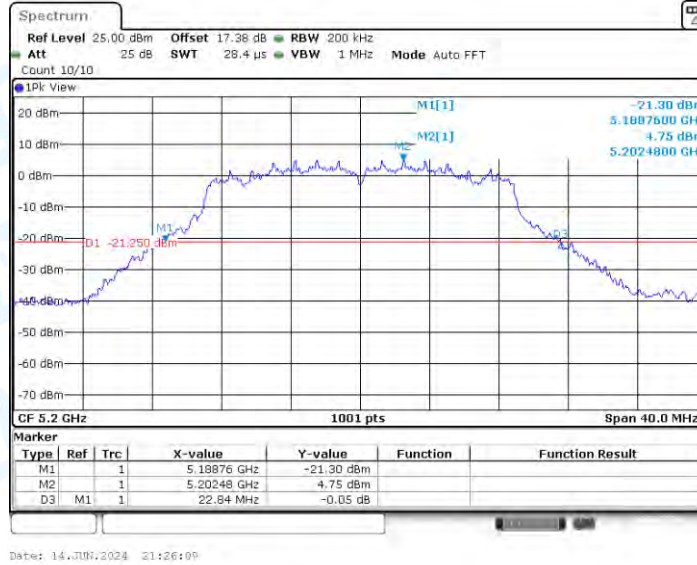
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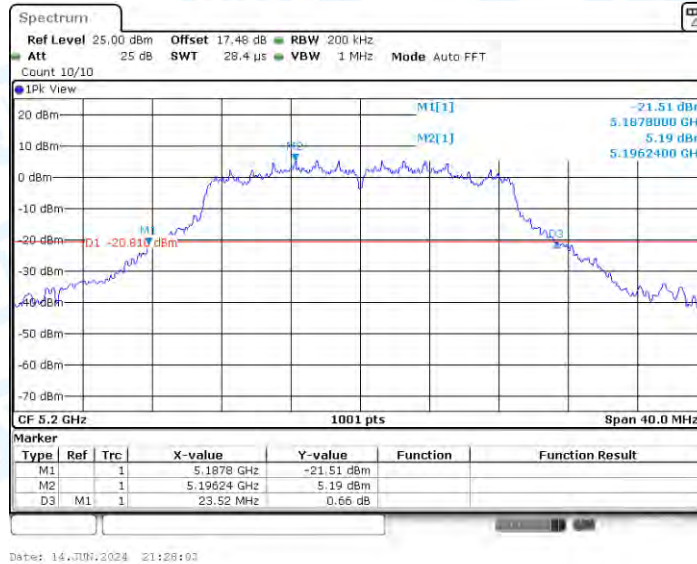
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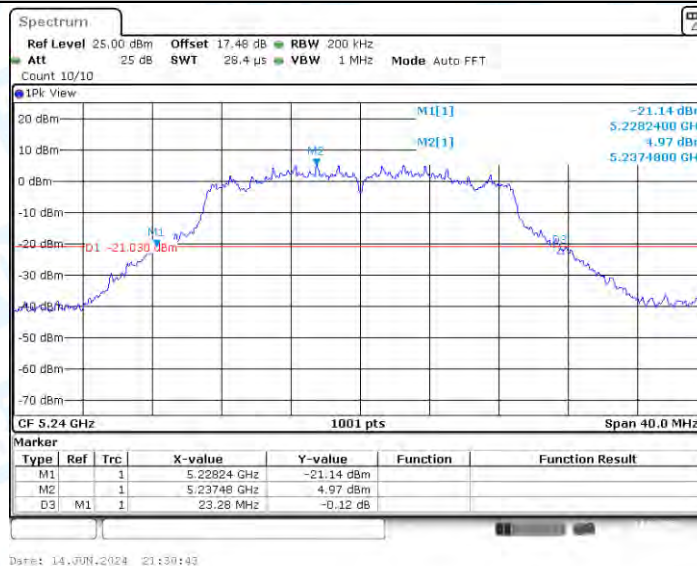
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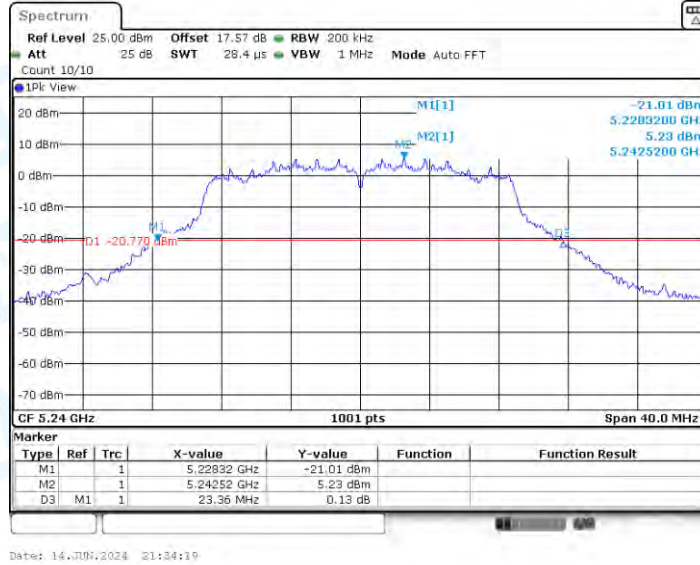
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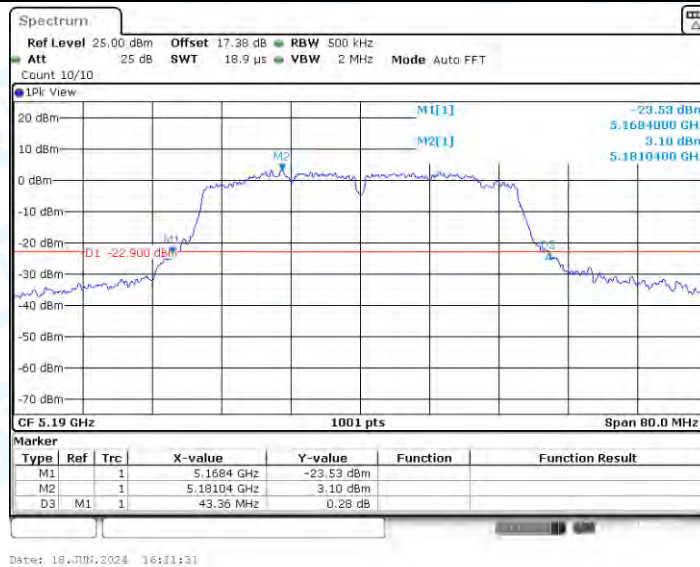
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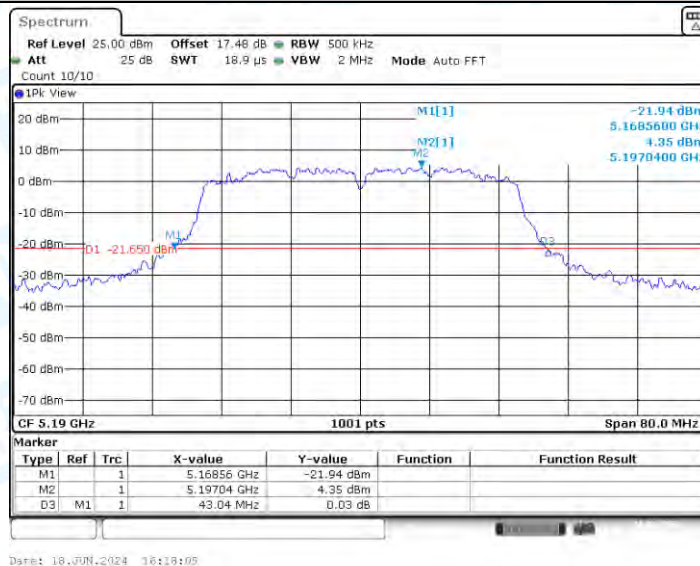
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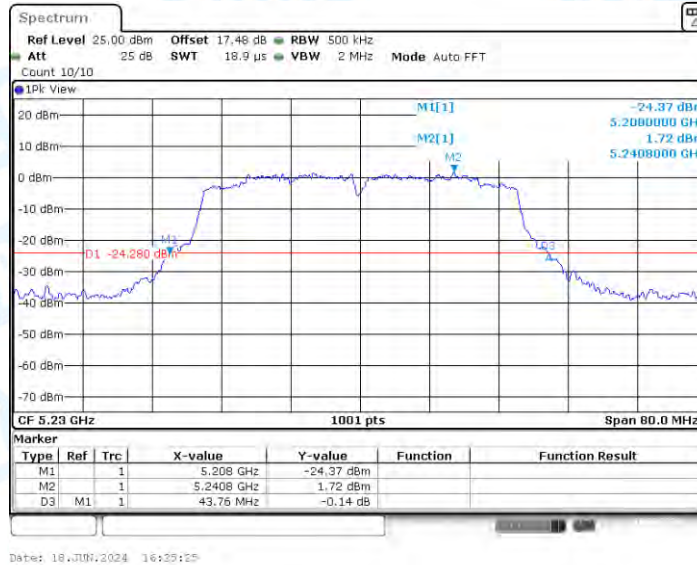
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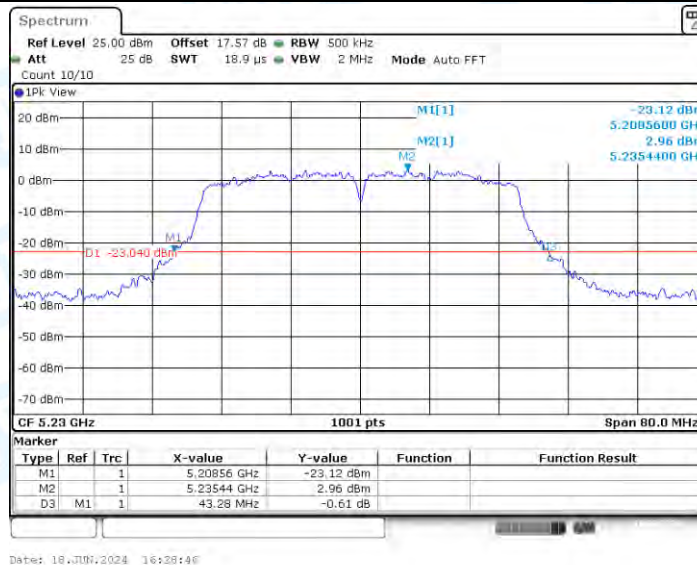
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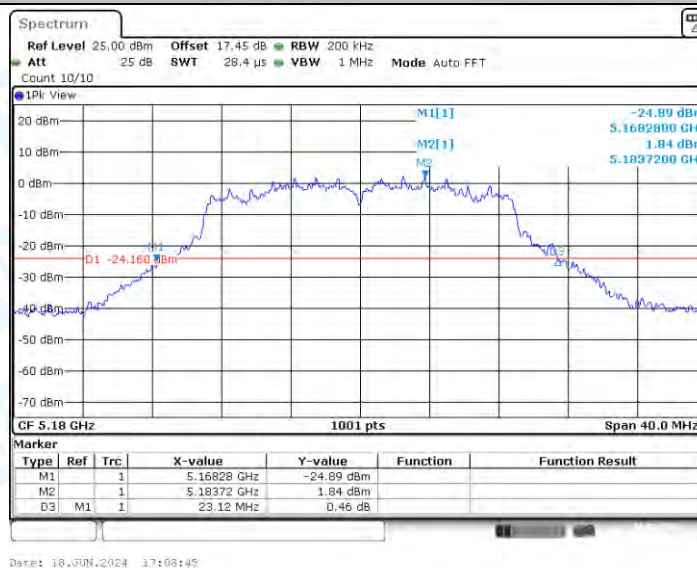
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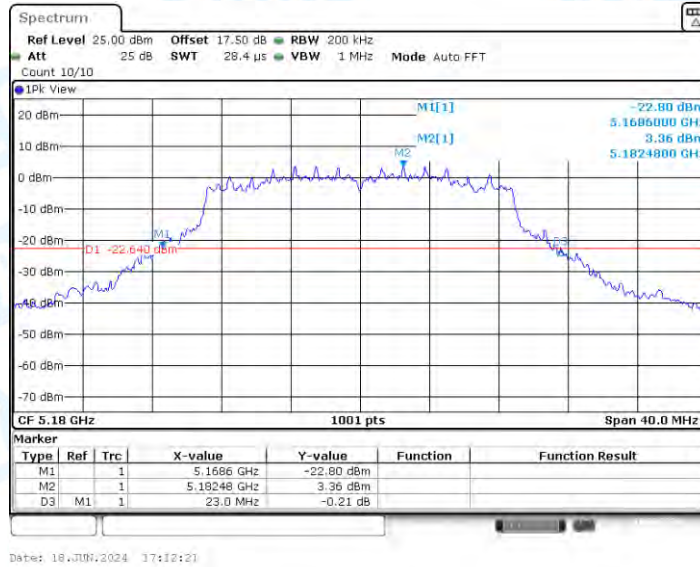
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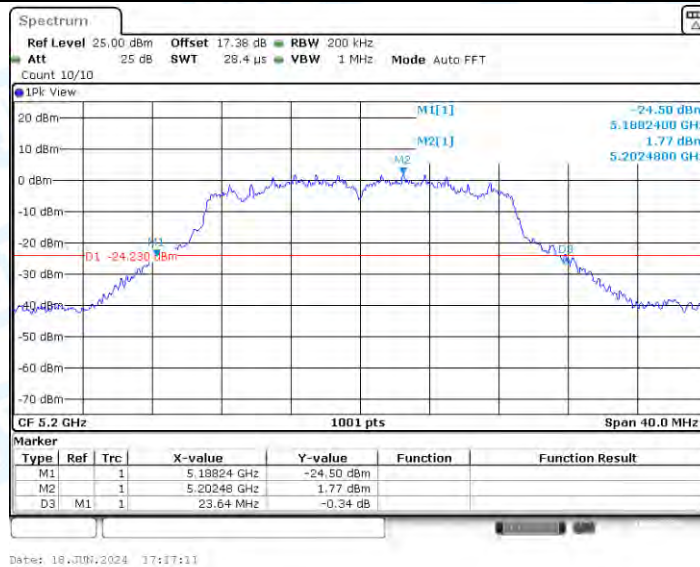
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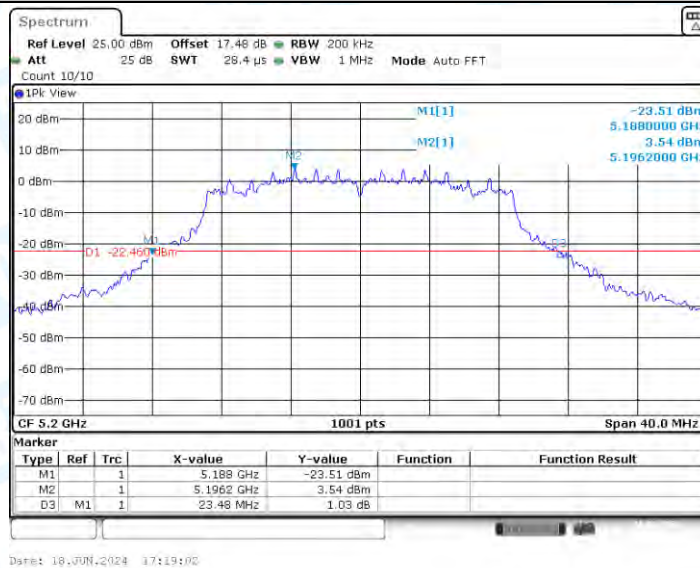
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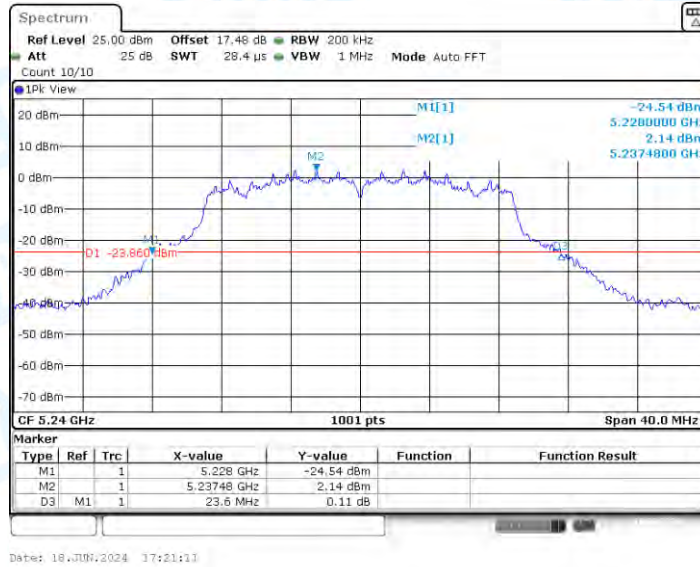
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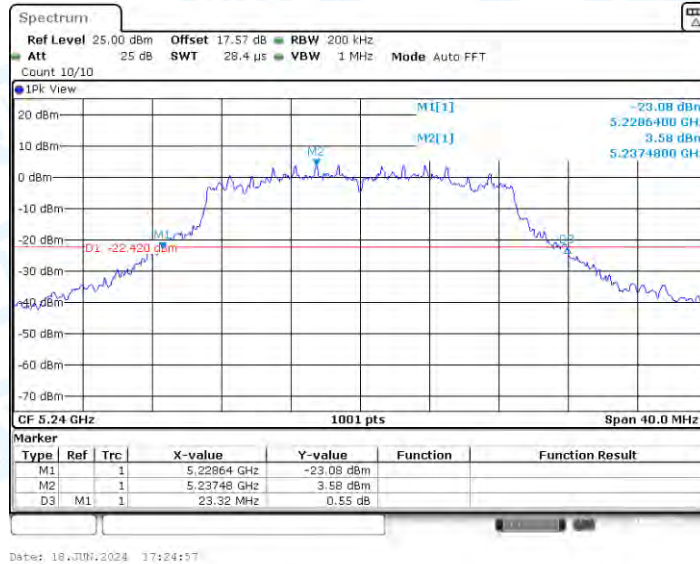
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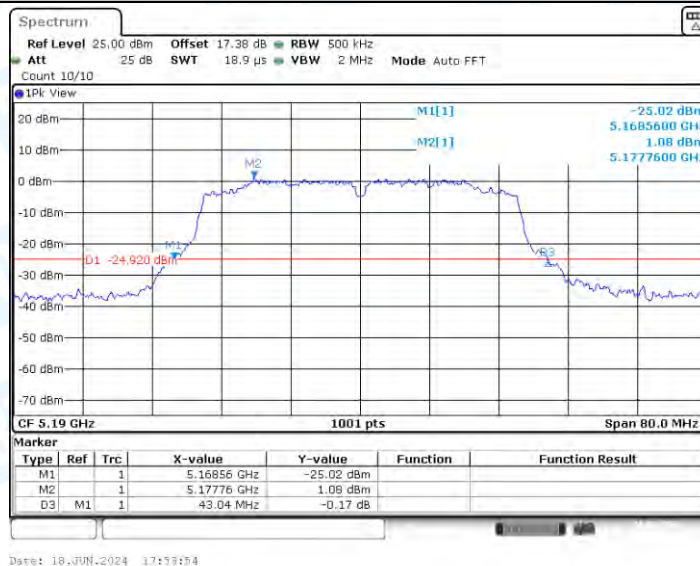
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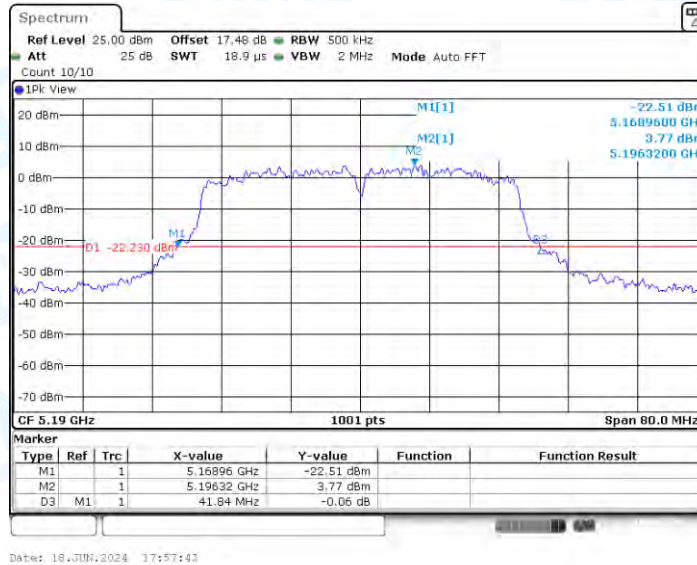
11AC20MIMO_Ant2_5240



11AC40MIMO_Ant1_5190



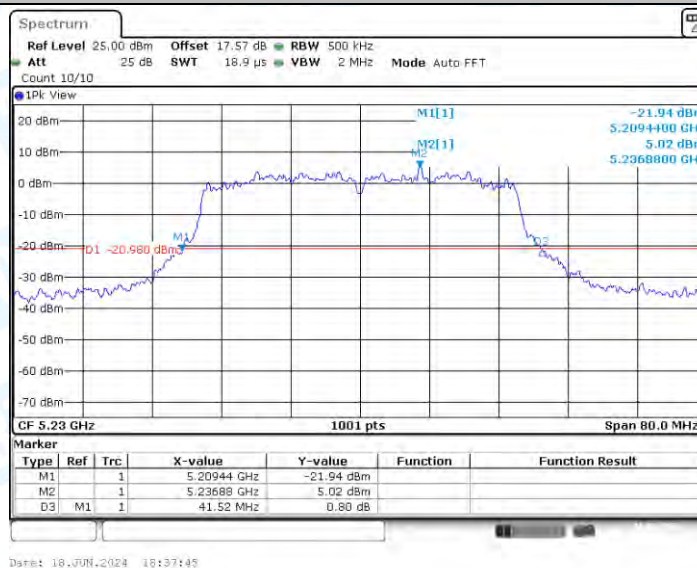
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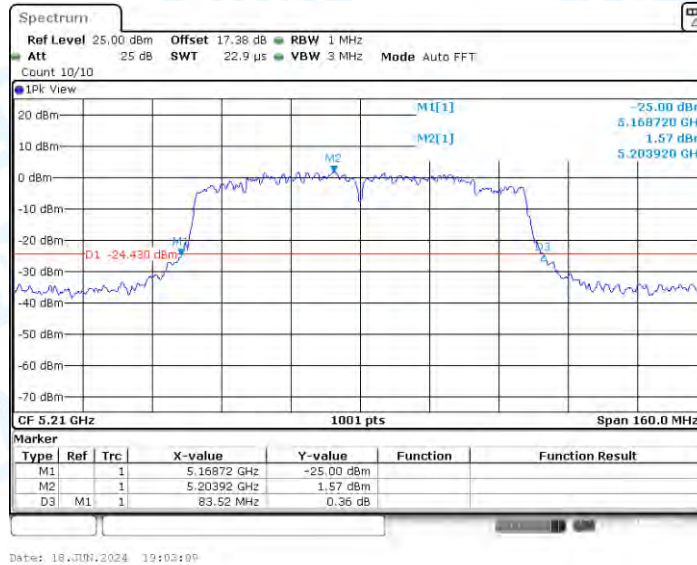
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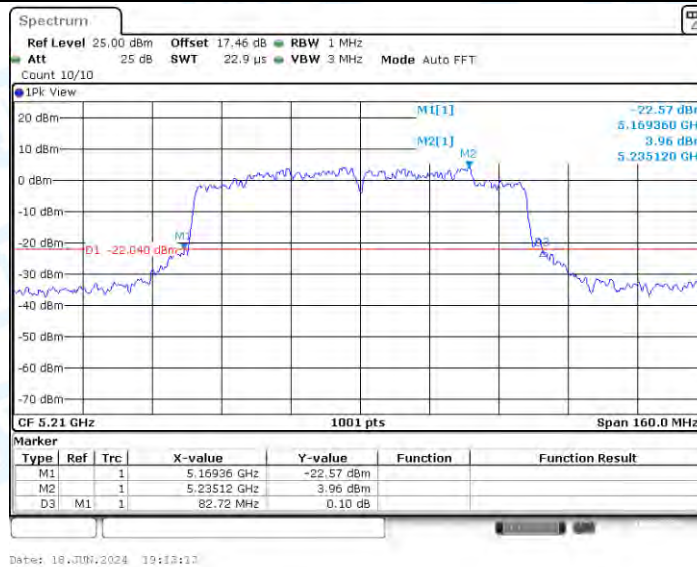
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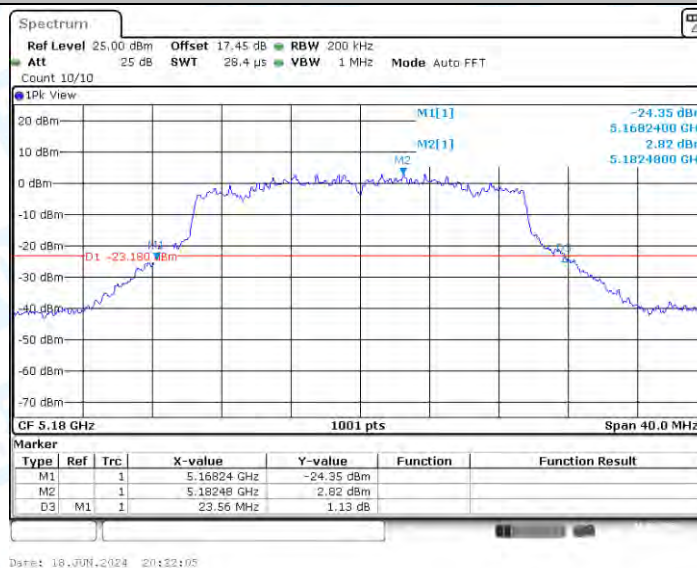
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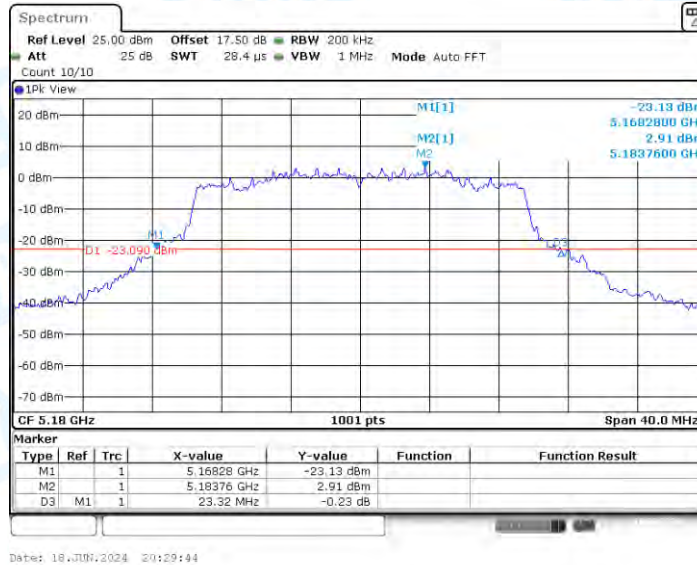
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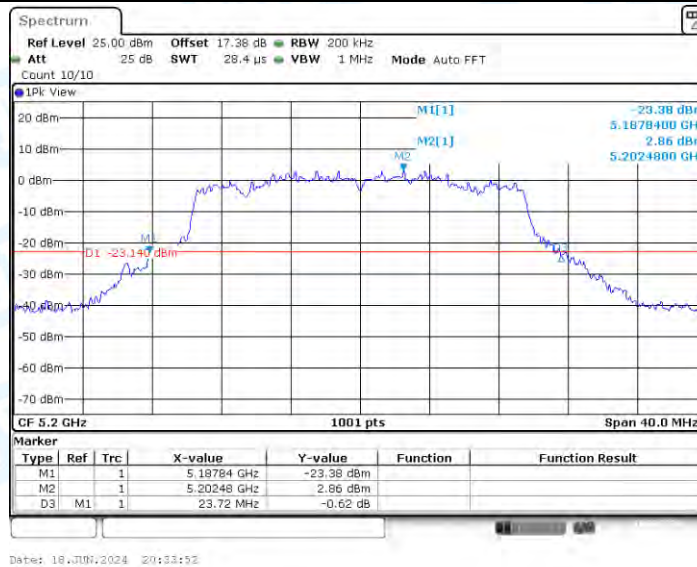
11AX20MIMO_Ant1_5180



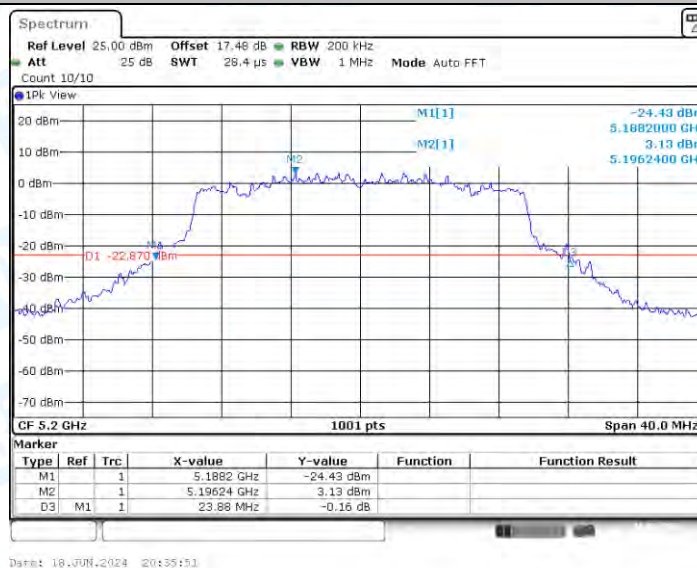
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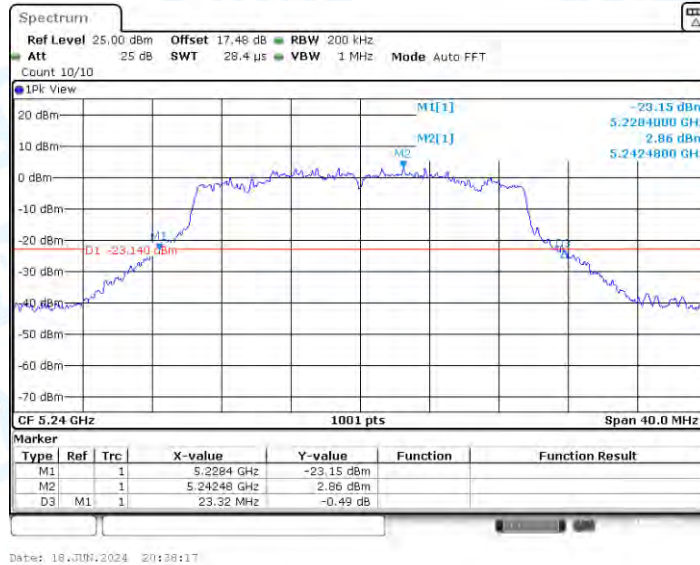
11AX20MIMO_Ant1_5200



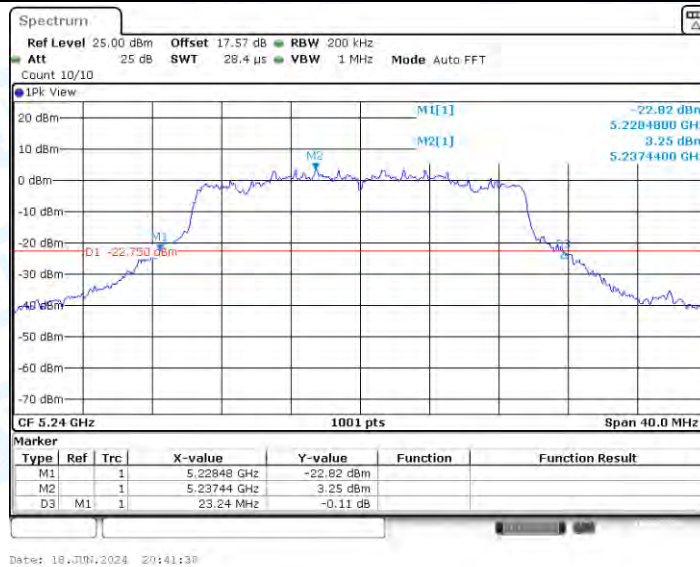
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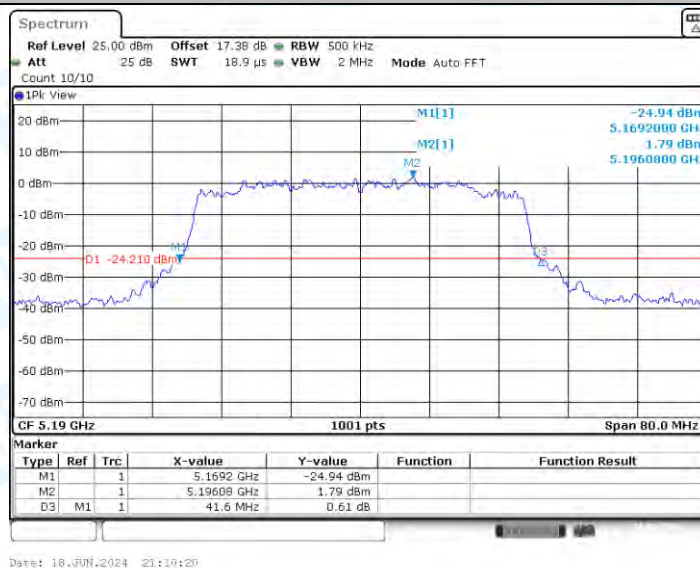
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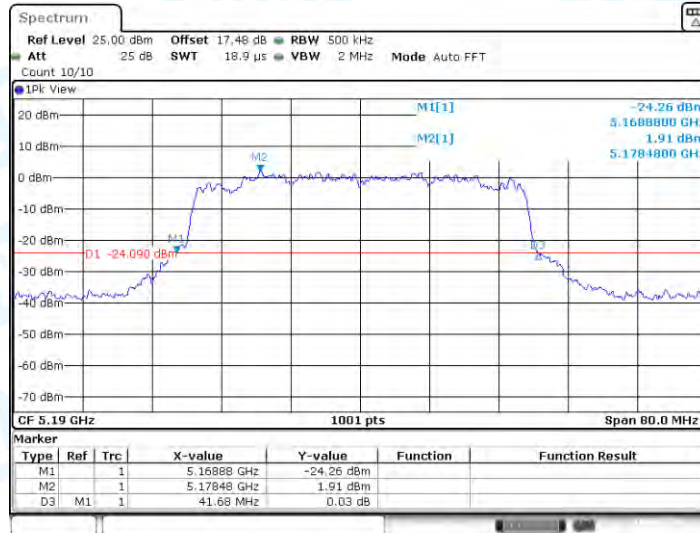
11AX20MIMO_Ant2_5240



11AX40MIMO_Ant1_5190



11AX40MIMO_Ant2_5190



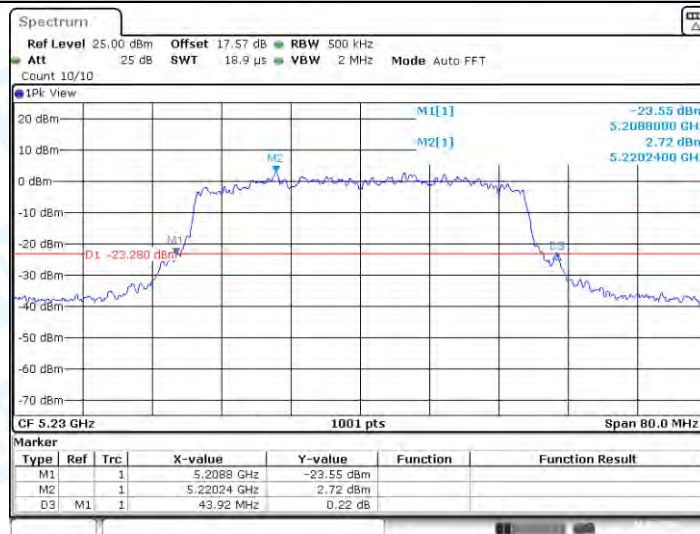
Date: 18 JUN 2024 21:14:59

11AX40MIMO_Ant1_5230



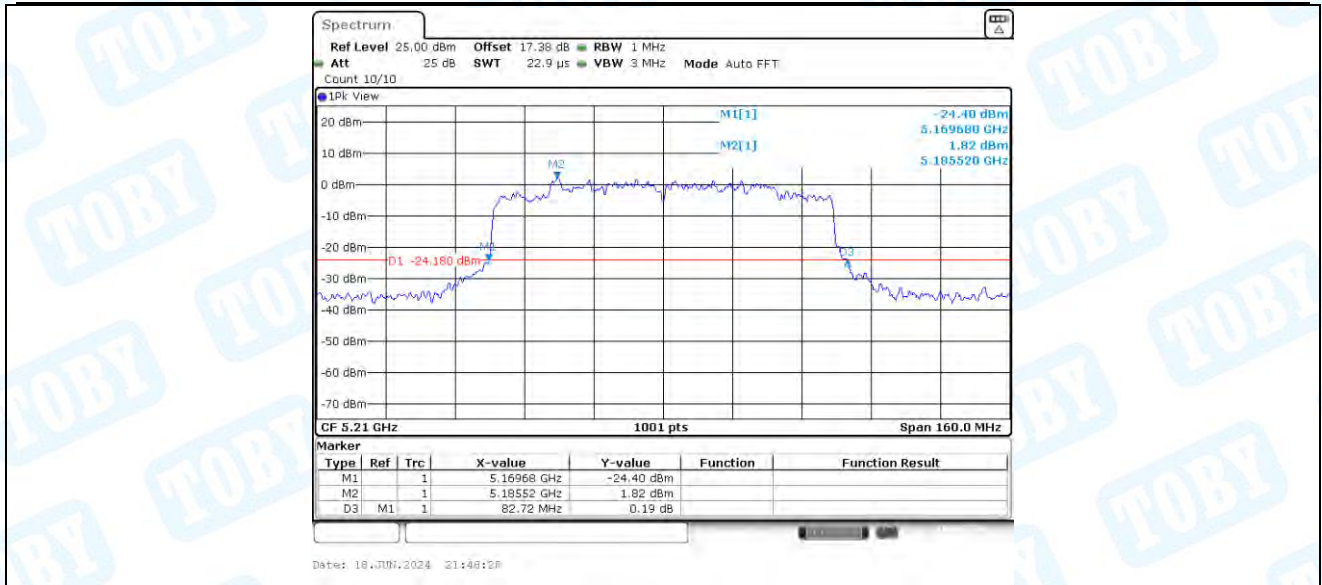
Date: 18 JUN 2024 21:19:11

11AX40MIMO_Ant2_5230

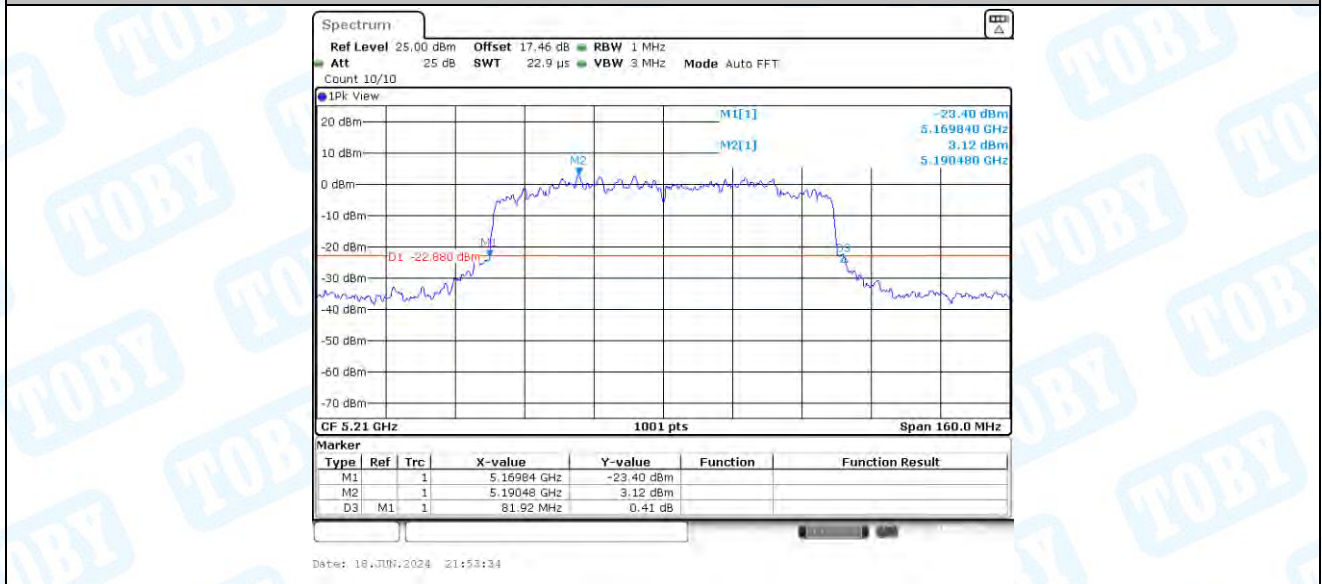


Date: 18 JUN 2024 21:24:05

11AX80MIMO_Ant1_5210



11AX80MIMO_Ant2_5210



2. Occupied channel bandwidth

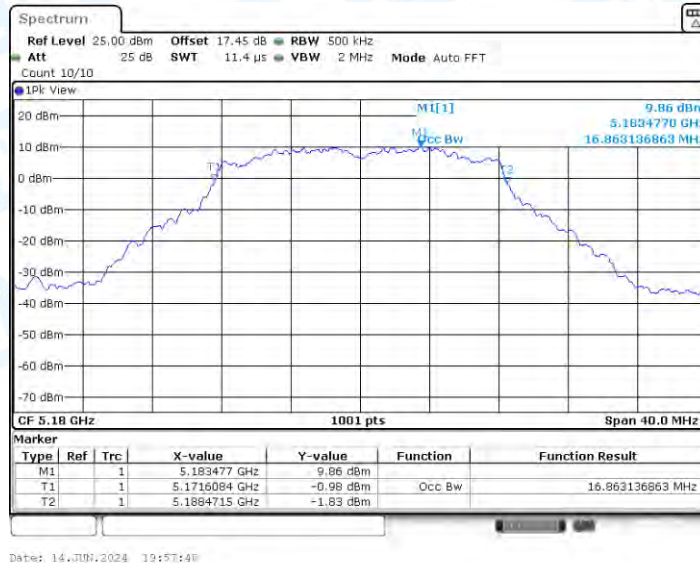
2.1. Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	16.863	5171.6084	5188.4715	---	---
	Ant2	5180	17.063	5171.4486	5188.5115	---	---
	Ant1	5200	17.183	5191.4086	5208.5914	---	---
	Ant2	5200	17.063	5191.4086	5208.4715	---	---
	Ant1	5240	17.263	5231.3686	5248.6314	---	---
	Ant2	5240	16.903	5231.5684	5248.4715	---	---
	Ant1	5745	17.383	5736.2887	5753.6713	---	---
	Ant2	5745	16.983	5736.4885	5753.4715	---	---
	Ant1	5785	17.063	5776.5684	5793.6314	---	---
	Ant2	5785	17.023	5776.6084	5793.6314	---	---
	Ant1	5825	17.143	5816.5285	5833.6713	---	---
	Ant2	5825	16.823	5816.6084	5833.4316	---	---
11N20MIMO	Ant1	5180	18.142	5171.0490	5189.1908	---	---
	Ant2	5180	17.982	5171.0490	5189.0310	---	---
	Ant1	5200	18.262	5190.7293	5208.9910	---	---
	Ant2	5200	18.422	5190.7293	5209.1508	---	---
	Ant1	5240	18.222	5230.9690	5249.1908	---	---
	Ant2	5240	18.262	5230.9291	5249.1908	---	---
	Ant1	5745	18.222	5735.8092	5754.0310	---	---
	Ant2	5745	18.182	5735.8891	5754.0709	---	---
	Ant1	5785	18.062	5775.9690	5794.0310	---	---
	Ant2	5785	18.342	5775.8891	5794.2308	---	---
	Ant1	5825	18.222	5815.8492	5834.0709	---	---
	Ant2	5825	18.022	5816.0090	5834.0310	---	---
11N40MIMO	Ant1	5190	36.124	5171.9381	5208.0619	---	---
	Ant2	5190	36.204	5171.9381	5208.1419	---	---
	Ant1	5230	36.124	5211.9381	5248.0619	---	---
	Ant2	5230	36.284	5211.9381	5248.2218	---	---
	Ant1	5755	36.044	5737.0180	5773.0619	---	---
	Ant2	5755	36.204	5736.8581	5773.0619	---	---
	Ant1	5795	36.364	5776.7782	5813.1419	---	---
	Ant2	5795	36.444	5776.6184	5813.0619	---	---
11AC20MIMO	Ant1	5180	18.142	5170.9690	5189.1109	---	---
	Ant2	5180	18.102	5170.8891	5188.9910	---	---
	Ant1	5200	18.062	5191.0090	5209.0709	---	---
	Ant2	5200	17.982	5190.9690	5208.9510	---	---
	Ant1	5240	18.022	5230.9690	5248.9910	---	---
	Ant2	5240	17.942	5231.0490	5248.9910	---	---
	Ant1	5745	18.102	5736.0090	5754.1109	---	---
	Ant2	5745	17.902	5736.0490	5753.9510	---	---

	Ant1	5785	18.182	5775.9291	5794.1109	---	---
	Ant2	5785	17.862	5776.1289	5793.9910	---	---
	Ant1	5825	18.262	5815.8891	5834.1508	---	---
	Ant2	5825	18.142	5815.8891	5834.0310	---	---
11AC40MIMO	Ant1	5190	36.044	5171.9381	5207.9820	---	---
	Ant2	5190	36.204	5171.9381	5208.1419	---	---
	Ant1	5230	36.284	5211.7782	5248.0619	---	---
	Ant2	5230	36.124	5211.9381	5248.0619	---	---
	Ant1	5755	36.284	5736.8581	5773.1419	---	---
	Ant2	5755	36.124	5737.0180	5773.1419	---	---
	Ant1	5795	36.124	5776.8581	5812.9820	---	---
	Ant2	5795	36.124	5776.9381	5813.0619	---	---
11AC80MIMO	Ant1	5210	75.125	5172.4376	5247.5624	---	---
	Ant2	5210	75.445	5172.4376	5247.8821	---	---
	Ant1	5775	75.604	5737.1179	5812.7223	---	---
	Ant2	5775	75.604	5737.2777	5812.8821	---	---
11AX20MIMO	Ant1	5180	19.021	5170.5295	5189.5504	---	---
	Ant2	5180	19.061	5170.4496	5189.5105	---	---
	Ant1	5200	18.981	5190.5295	5209.5105	---	---
	Ant2	5200	19.141	5190.4096	5209.5504	---	---
	Ant1	5240	18.981	5230.5295	5249.5105	---	---
	Ant2	5240	18.981	5230.5295	5249.5105	---	---
	Ant1	5745	19.221	5735.4096	5754.6304	---	---
	Ant2	5745	19.021	5735.4496	5754.4705	---	---
	Ant1	5785	18.981	5775.5295	5794.5105	---	---
	Ant2	5785	19.021	5775.4895	5794.5105	---	---
	Ant1	5825	18.941	5815.5295	5834.4705	---	---
	Ant2	5825	19.101	5815.5694	5834.6703	---	---
11AX40MIMO	Ant1	5190	37.722	5171.2188	5208.9411	---	---
	Ant2	5190	37.802	5171.2188	5209.0210	---	---
	Ant1	5230	37.483	5211.2987	5248.7812	---	---
	Ant2	5230	37.722	5211.2188	5248.9411	---	---
	Ant1	5755	37.483	5736.2987	5773.7812	---	---
	Ant2	5755	37.722	5736.2188	5773.9411	---	---
	Ant1	5795	37.722	5776.0589	5813.7812	---	---
	Ant2	5795	37.642	5776.2188	5813.8611	---	---
11AX80MIMO	Ant1	5210	76.563	5171.6384	5248.2018	---	---
	Ant2	5210	77.203	5171.3187	5248.5215	---	---
	Ant1	5775	76.723	5736.7982	5813.5215	---	---
	Ant2	5775	77.363	5736.4785	5813.8412	---	---

2.2. Test Graphs

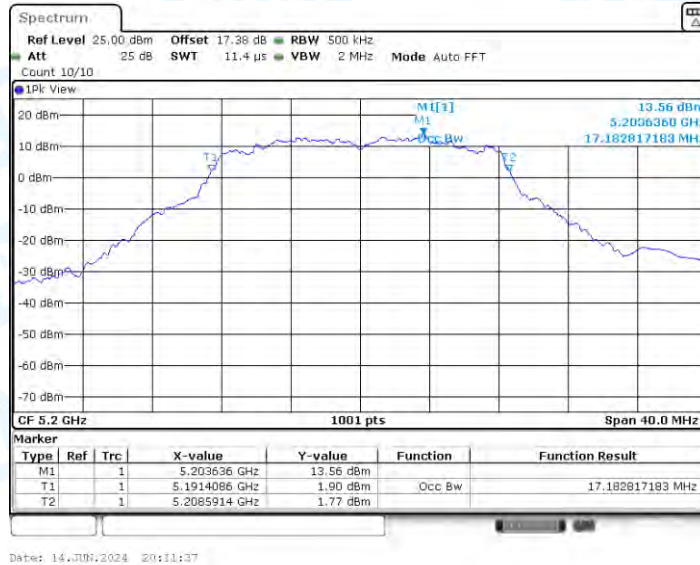
11A-CDD_Ant1_5180



11A-CDD_Ant2_5180



11A-CDD_Ant1_5200



11A-CDD_Ant2_5200



11A-CDD_Ant1_5240



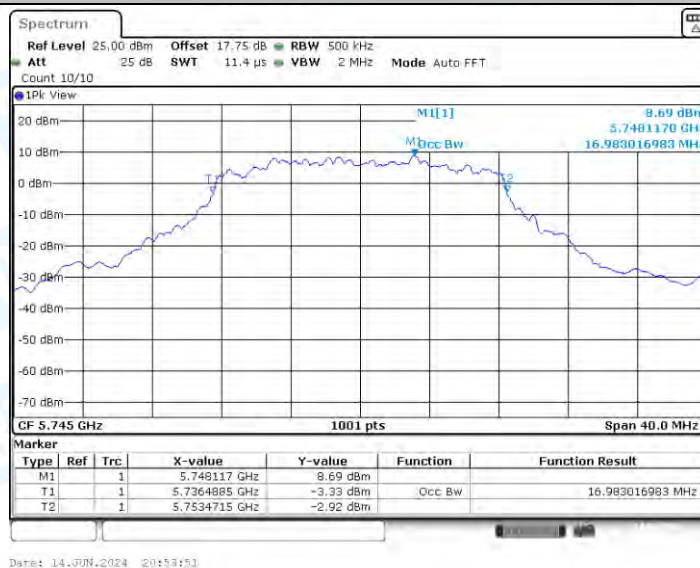
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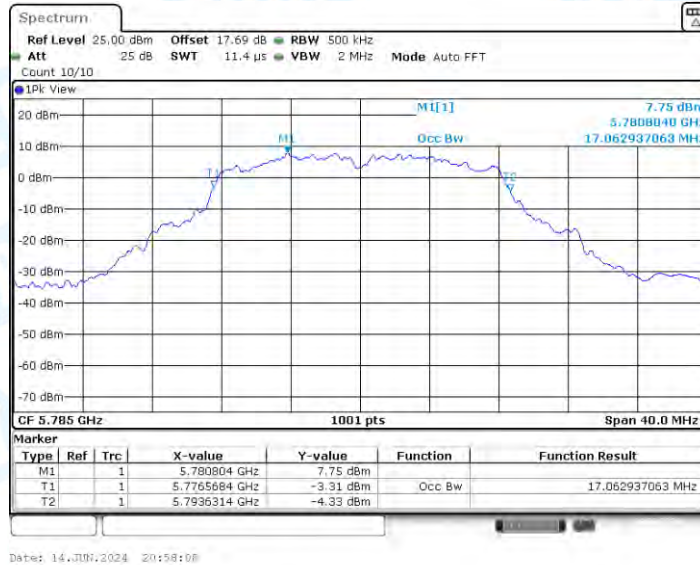
11A-CDD_Ant1_5745



11A-CDD_Ant2_5745



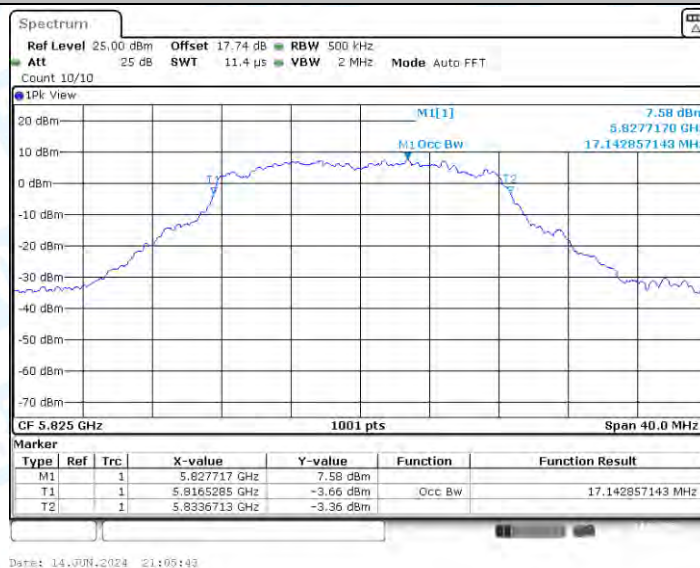
11A-CDD_Ant1_5785



11A-CDD_Ant2_5785



11A-CDD_Ant1_5825



11A-CDD_Ant2_5825



11N20MIMO_Ant1_5180



11N20MIMO_Ant2_5180



11N20MIMO_Ant1_5200



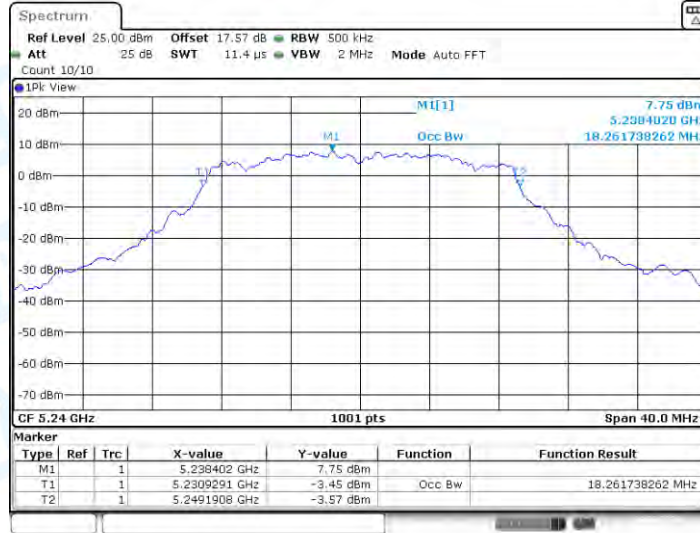
11N20MIMO_Ant2_5200



11N20MIMO_Ant1_5240



11N20MIMO_Ant2_5240



Date: 14 JUN 2024 21:34:32

11N20MIMO_Ant1_5745



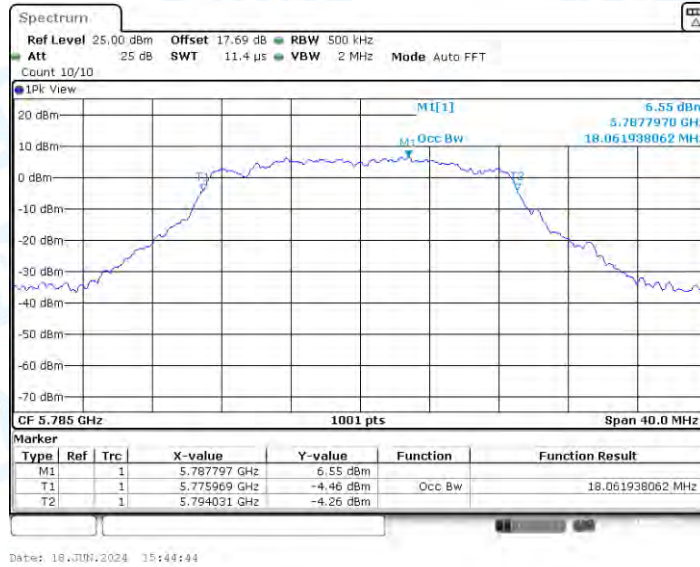
Date: 18 JUN 2024 15:13:46

11N20MIMO_Ant2_5745



Date: 18 JUN 2024 15:37:55

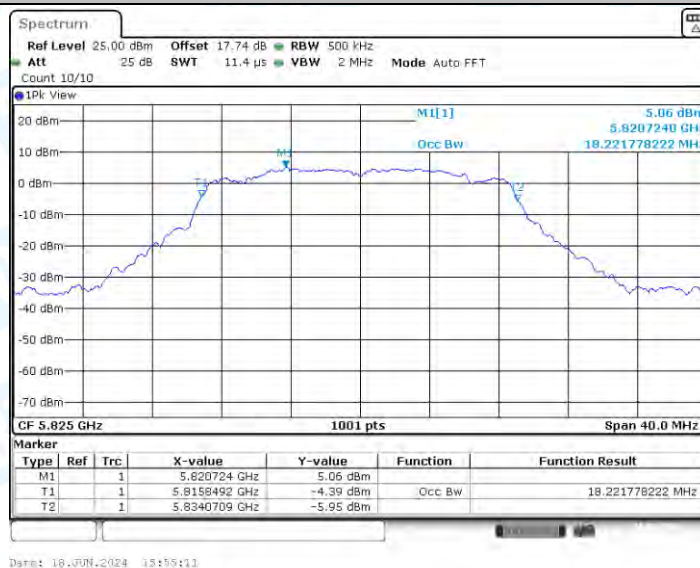
11N20MIMO_Ant1_5785



11N20MIMO_Ant2_5785



11N20MIMO_Ant1_5825



11N20MIMO_Ant2_5825



11N40MIMO_Ant1_5190



11N40MIMO_Ant2_5190



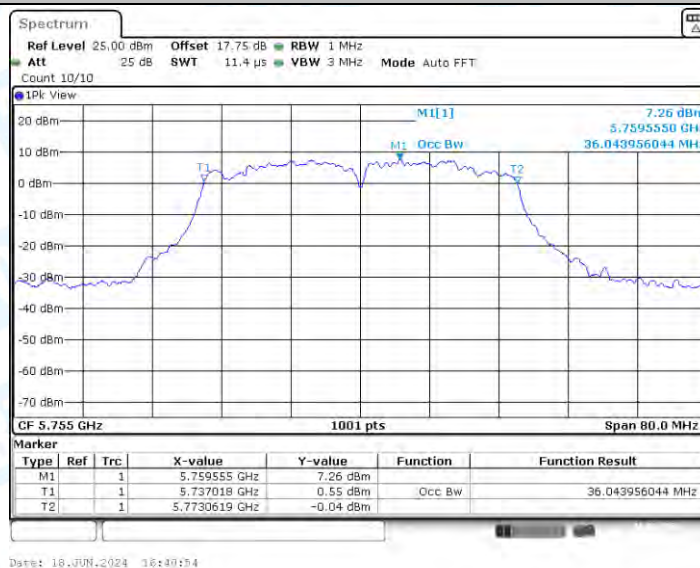
11N40MIMO_Ant1_5230



11N40MIMO_Ant2_5230



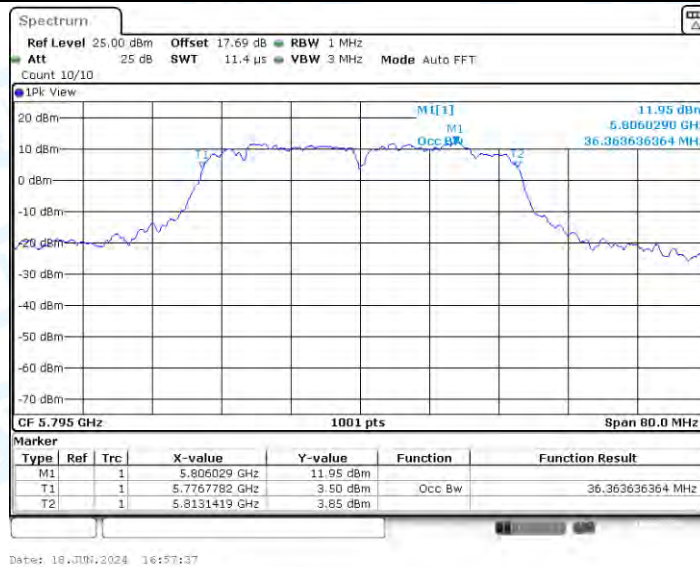
11N40MIMO_Ant1_5755



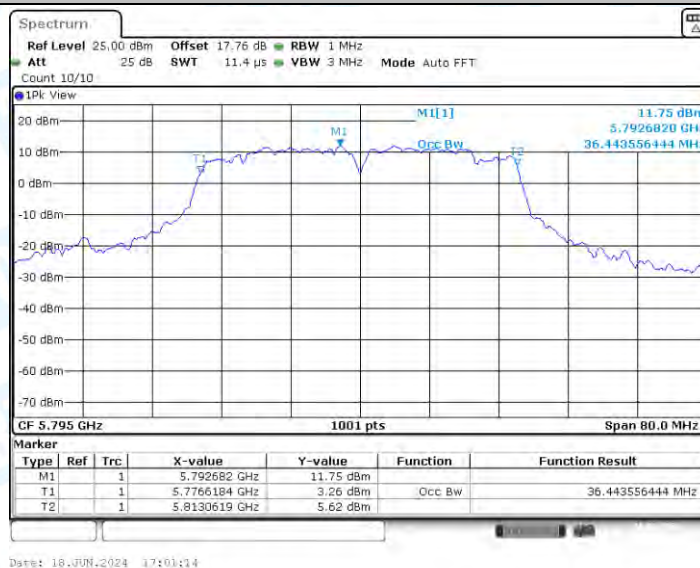
11N40MIMO_Ant2_5755



11N40MIMO_Ant1_5795



11N40MIMO_Ant2_5795



11AC20MIMO_Ant1_5180



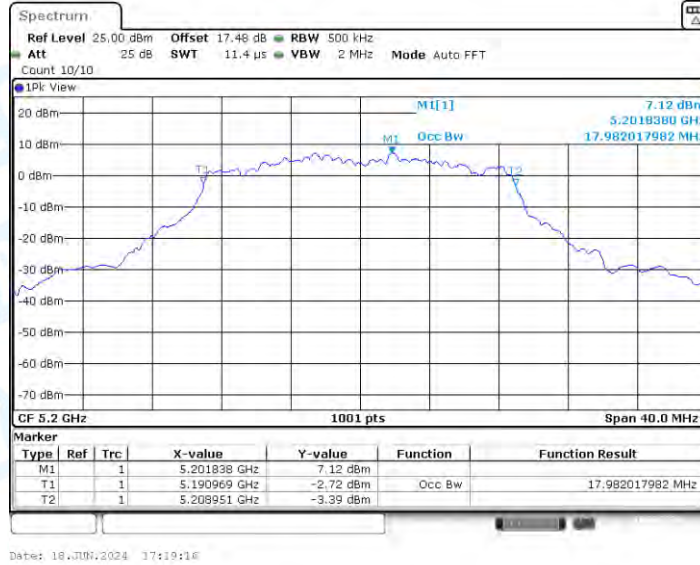
11AC20MIMO_Ant2_5180



11AC20MIMO_Ant1_5200



11AC20MIMO_Ant2_5200



11AC20MIMO_Ant1_5240



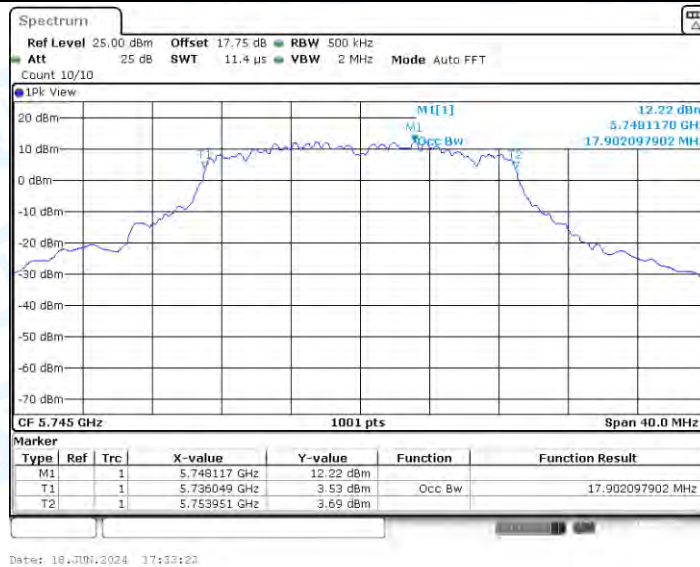
11AC20MIMO_Ant2_5240



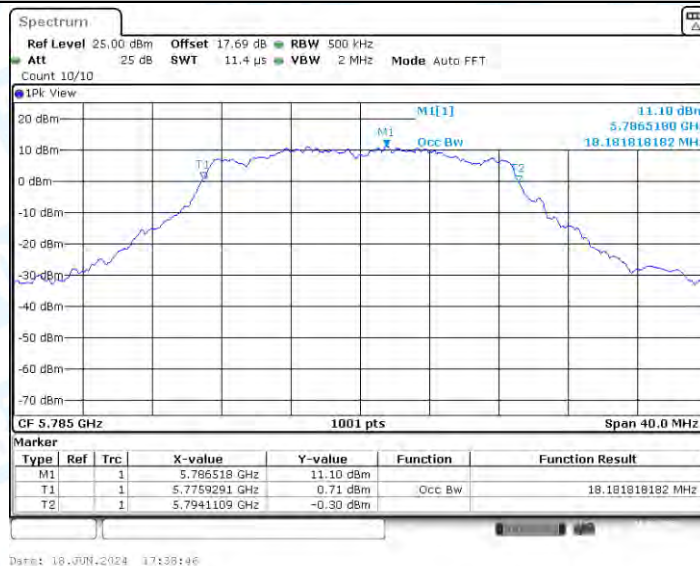
11AC20MIMO_Ant1_5745



11AC20MIMO_Ant2_5745



11AC20MIMO_Ant1_5785



11AC20MIMO_Ant2_5785



11AC20MIMO_Ant1_5825



11AC20MIMO_Ant2_5825



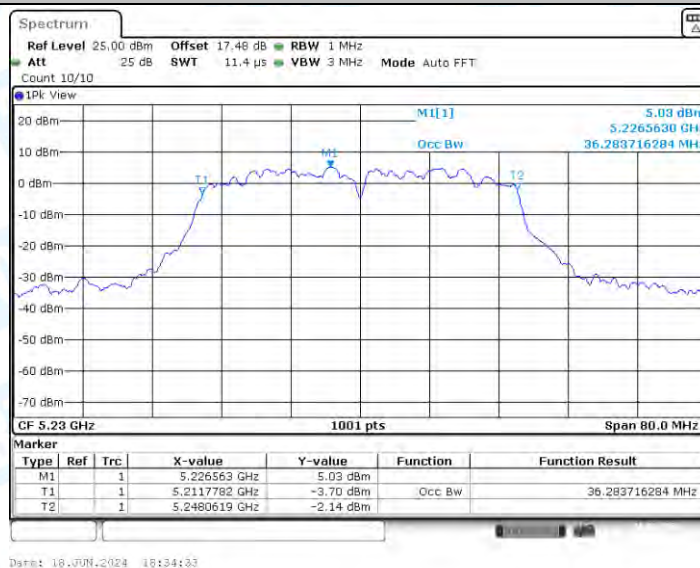
11AC40MIMO_Ant1_5190



11AC40MIMO_Ant2_5190



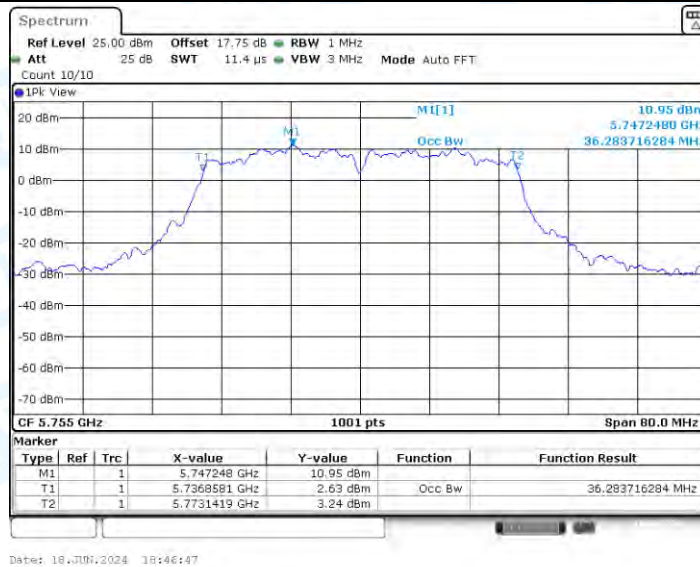
11AC40MIMO_Ant1_5230



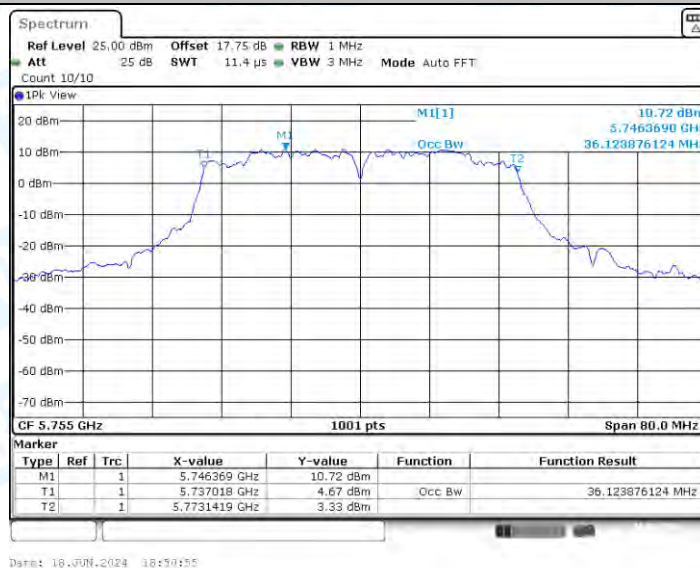
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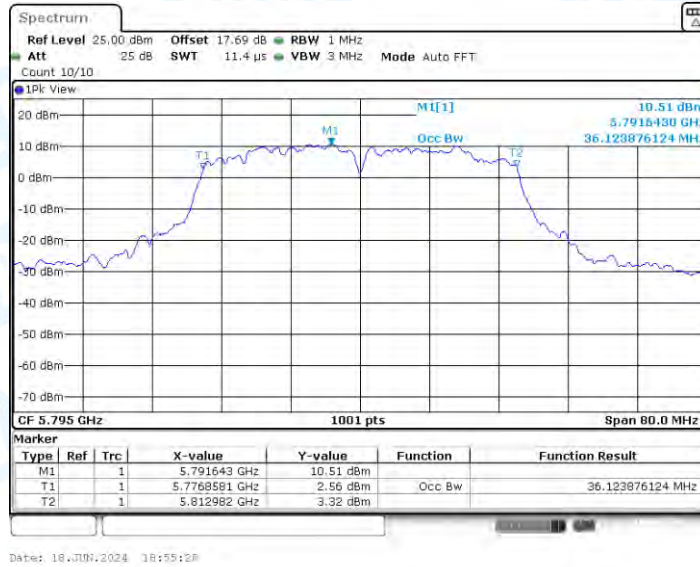
11AC40MIMO_Ant1_5755



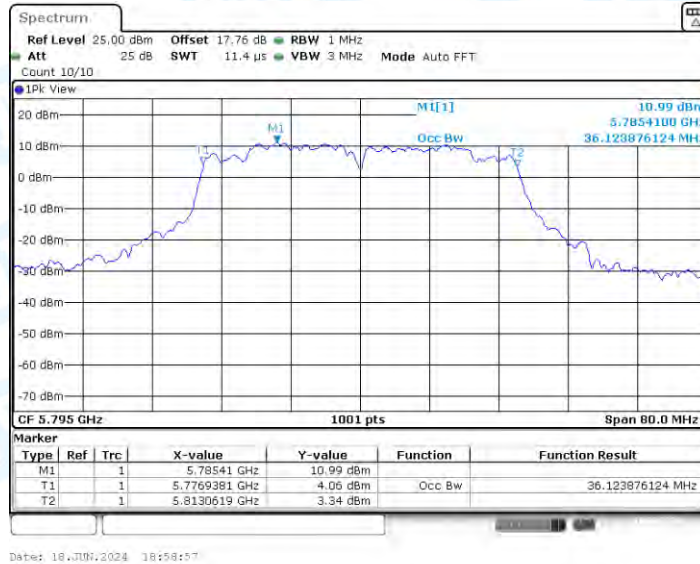
11AC40MIMO_Ant2_5755



11AC40MIMO_Ant1_5795



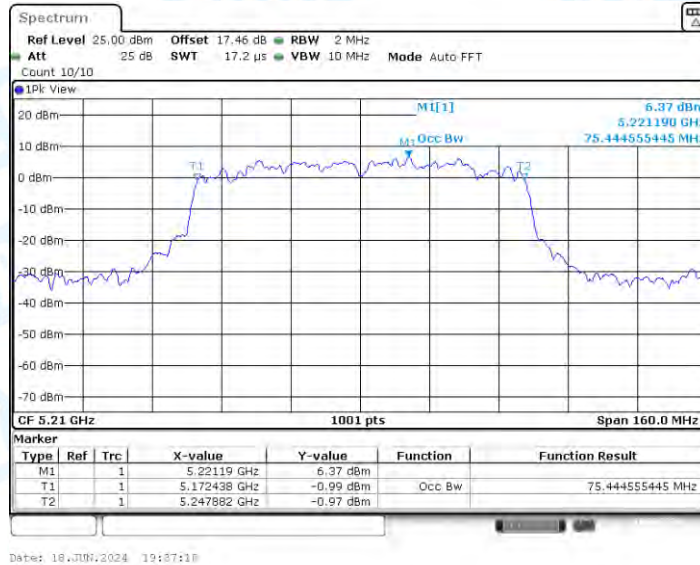
11AC40MIMO_Ant2_5795



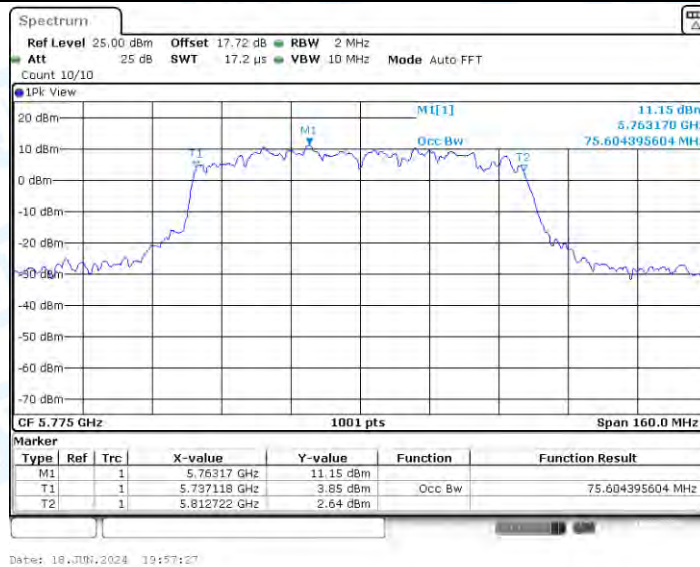
11AC80MIMO_Ant1_5210



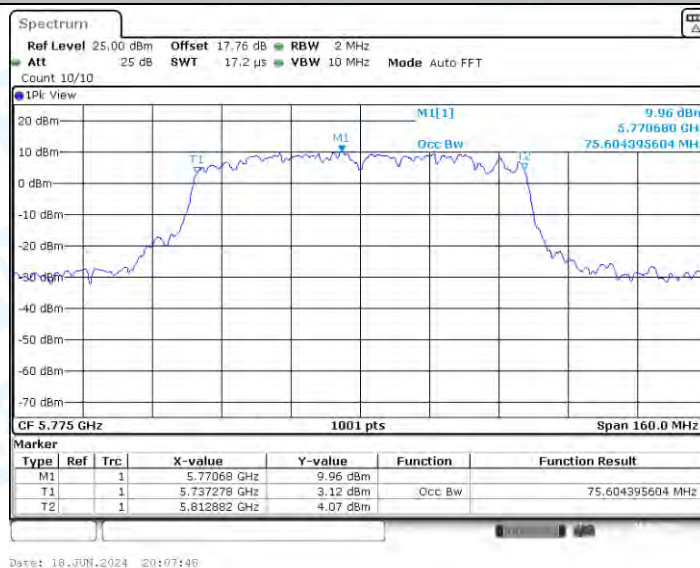
11AC80MIMO_Ant2_5210



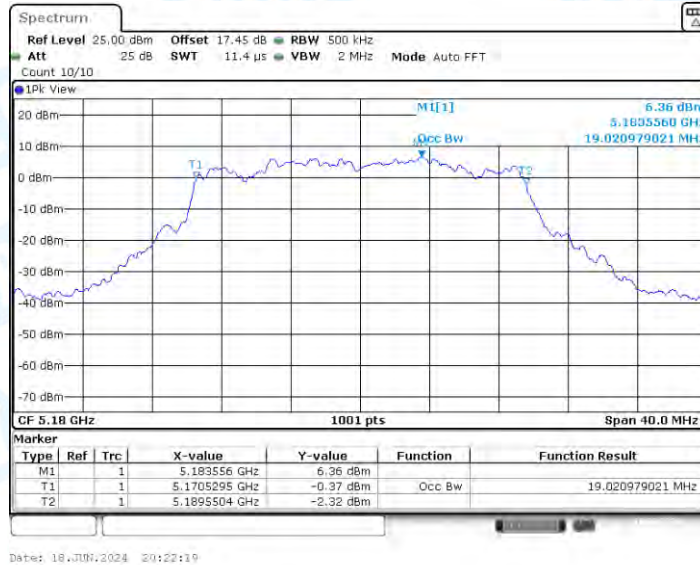
11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



11AX20MIMO_Ant1_5180



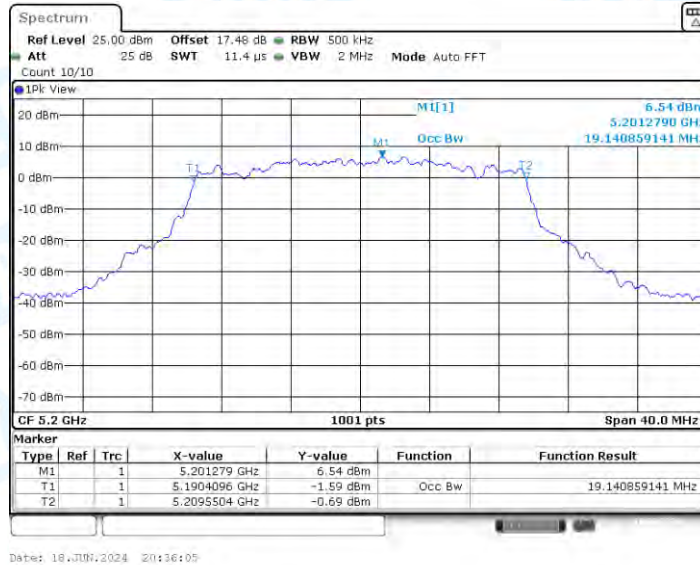
11AX20MIMO_Ant2_5180



11AX20MIMO_Ant1_5200



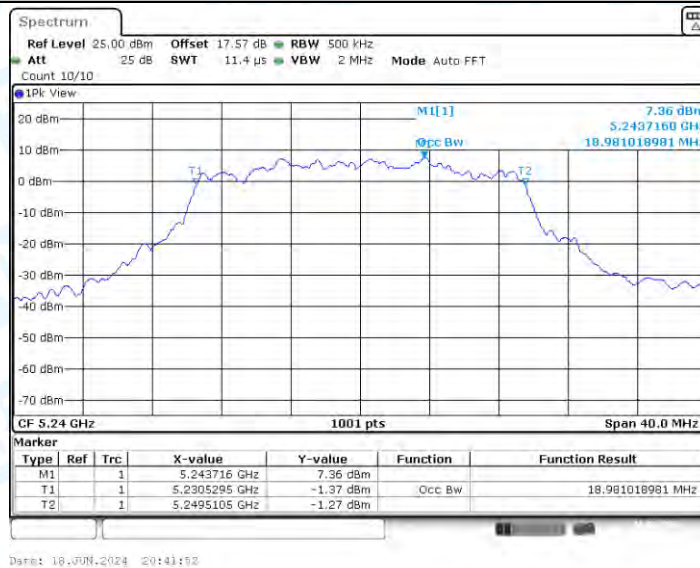
11AX20MIMO_Ant2_5200



11AX20MIMO_Ant1_5240



11AX20MIMO_Ant2_5240



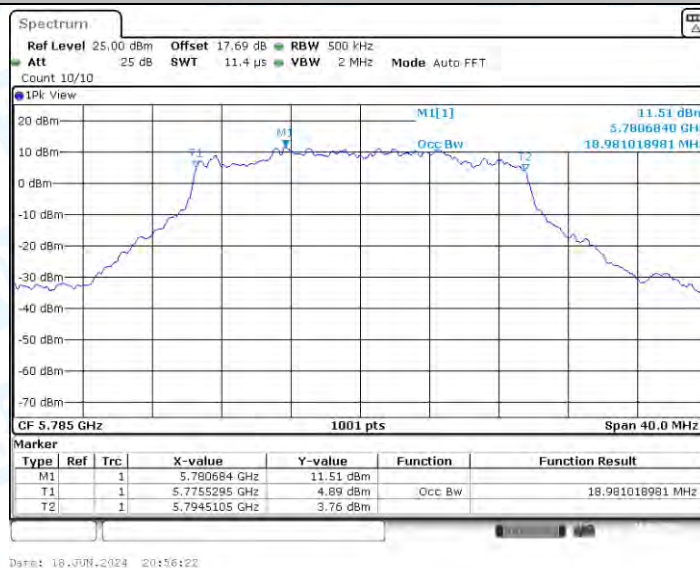
11AX20MIMO_Ant1_5745



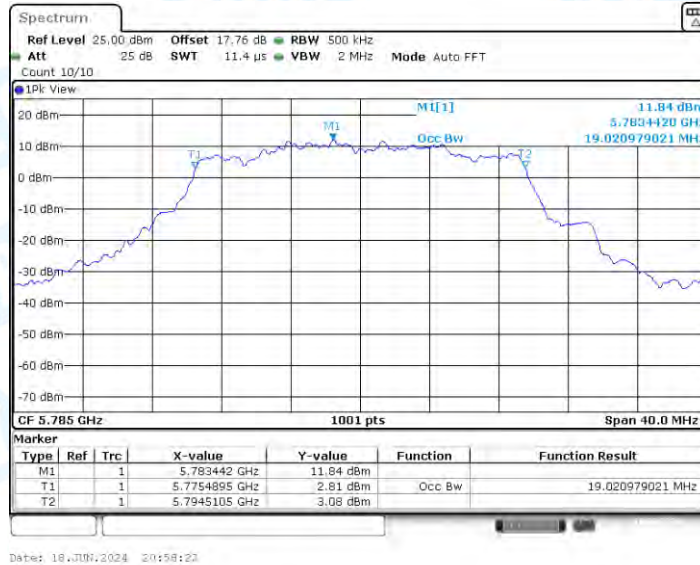
11AX20MIMO_Ant2_5745



11AX20MIMO_Ant1_5785



11AX20MIMO_Ant2_5785



11AX20MIMO_Ant1_5825



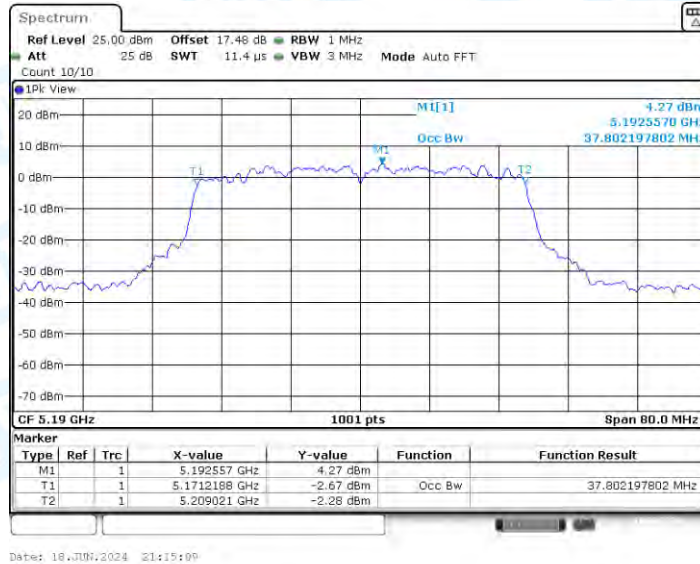
11AX20MIMO_Ant2_5825



11AX40MIMO_Ant1_5190



11AX40MIMO_Ant2_5190



11AX40MIMO_Ant1_5230



11AX40MIMO_Ant2_5230



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11AX40MIMO_Ant1_5755



Date: 18 JUN 2024 21:28:50

11AX40MIMO_Ant2_5755



Date: 18 JUN 2024 21:33:31

11AX40MIMO_Ant1_5795



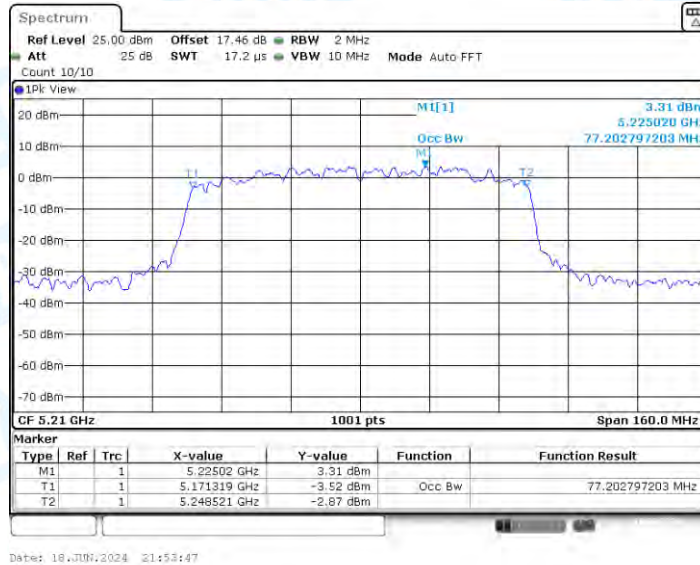
11AX40MIMO_Ant2_5795



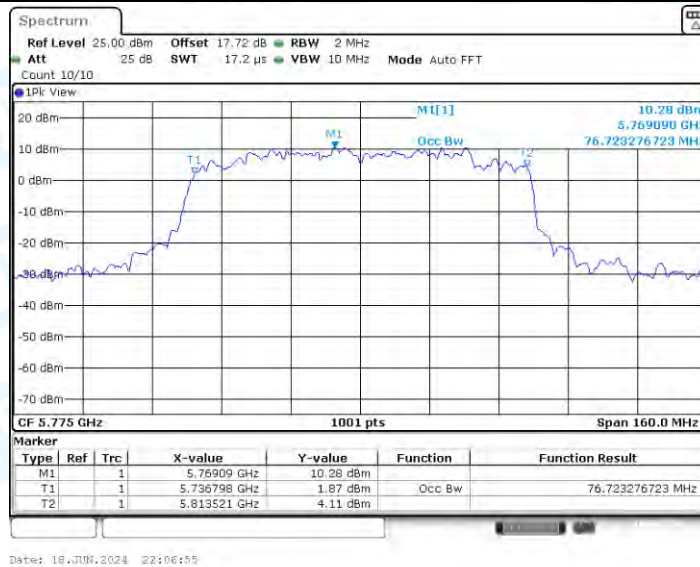
11AX80MIMO_Ant1_5210



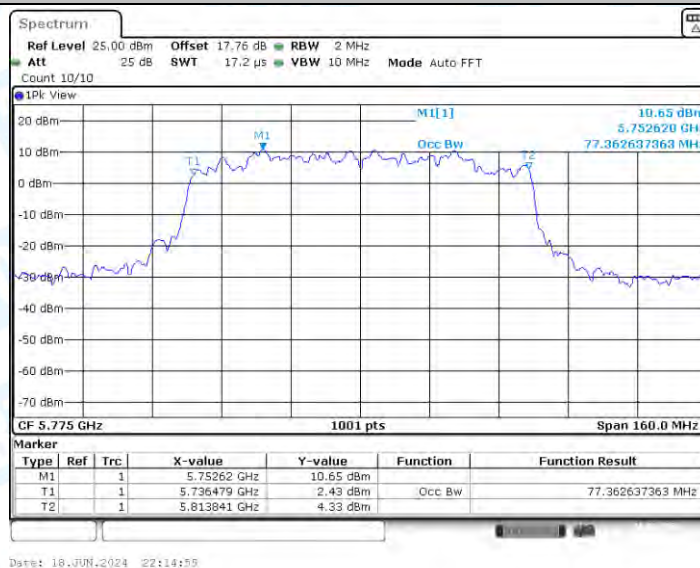
11AX80MIMO_Ant2_5210



11AX80MIMO_Ant1_5775



11AX80MIMO_Ant2_5775



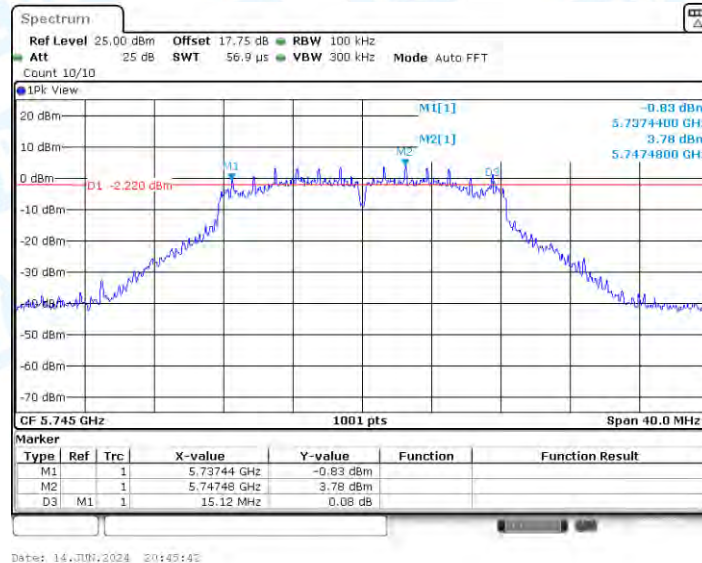
3. Min emission bandwidth

3.1. Test Result

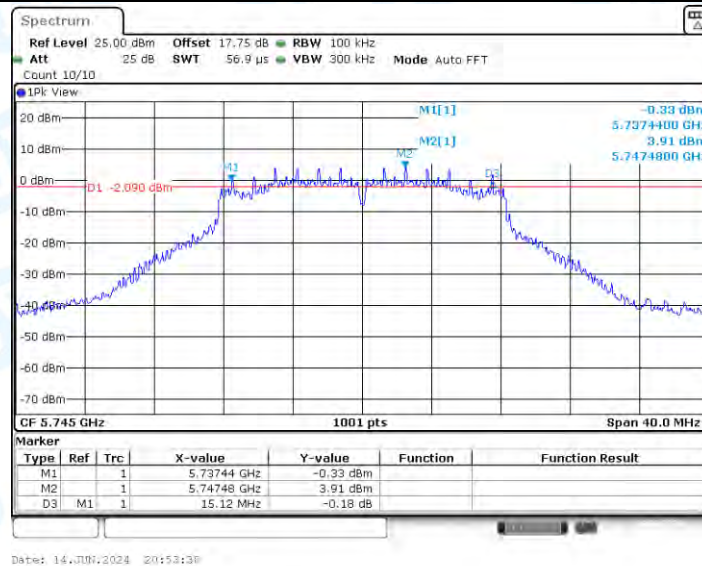
TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5745	15.12	5737.44	5752.56	0.5	PASS
	Ant2	5745	15.12	5737.44	5752.56	0.5	PASS
	Ant1	5785	15.12	5777.44	5792.56	0.5	PASS
	Ant2	5785	15.12	5777.44	5792.56	0.5	PASS
	Ant1	5825	15.12	5817.44	5832.56	0.5	PASS
	Ant2	5825	15.12	5817.44	5832.56	0.5	PASS
11N20MIMO	Ant1	5745	15.12	5737.44	5752.56	0.5	PASS
	Ant2	5745	15.12	5737.48	5752.60	0.5	PASS
	Ant1	5785	15.12	5777.44	5792.56	0.5	PASS
	Ant2	5785	15.12	5777.44	5792.56	0.5	PASS
	Ant1	5825	15.12	5817.44	5832.56	0.5	PASS
	Ant2	5825	15.12	5817.44	5832.56	0.5	PASS
11N40MIMO	Ant1	5755	30.72	5741.88	5772.60	0.5	PASS
	Ant2	5755	35.12	5737.48	5772.60	0.5	PASS
	Ant1	5795	35.12	5777.48	5812.60	0.5	PASS
	Ant2	5795	35.12	5777.48	5812.60	0.5	PASS
11AC20MIMO	Ant1	5745	15.12	5737.44	5752.56	0.5	PASS
	Ant2	5745	15.68	5737.48	5753.16	0.5	PASS
	Ant1	5785	15.16	5777.44	5792.60	0.5	PASS
	Ant2	5785	15.12	5777.48	5792.60	0.5	PASS
	Ant1	5825	15.12	5817.48	5832.60	0.5	PASS
	Ant2	5825	15.72	5817.48	5833.20	0.5	PASS
11AC40MIMO	Ant1	5755	35.12	5737.40	5772.52	0.5	PASS
	Ant2	5755	35.12	5737.48	5772.60	0.5	PASS
	Ant1	5795	35.12	5777.48	5812.60	0.5	PASS
	Ant2	5795	35.12	5777.48	5812.60	0.5	PASS
11AC80MIMO	Ant1	5775	72.64	5737.40	5810.04	0.5	PASS
	Ant2	5775	72.64	5737.40	5810.04	0.5	PASS
11AX20MIMO	Ant1	5745	15.12	5737.44	5752.56	0.5	PASS
	Ant2	5745	16.28	5736.32	5752.60	0.5	PASS
	Ant1	5785	15.12	5777.48	5792.60	0.5	PASS
	Ant2	5785	16.28	5776.32	5792.60	0.5	PASS
	Ant1	5825	15.12	5817.48	5832.60	0.5	PASS
	Ant2	5825	15.88	5817.48	5833.36	0.5	PASS
11AX40MIMO	Ant1	5755	35.12	5737.40	5772.52	0.5	PASS
	Ant2	5755	35.12	5737.48	5772.60	0.5	PASS
	Ant1	5795	35.12	5777.48	5812.60	0.5	PASS
	Ant2	5795	35.12	5777.48	5812.60	0.5	PASS
11AX80MIMO	Ant1	5775	72.64	5737.40	5810.04	0.5	PASS
	Ant2	5775	75.20	5737.40	5812.60	0.5	PASS

3.2. Test Graphs

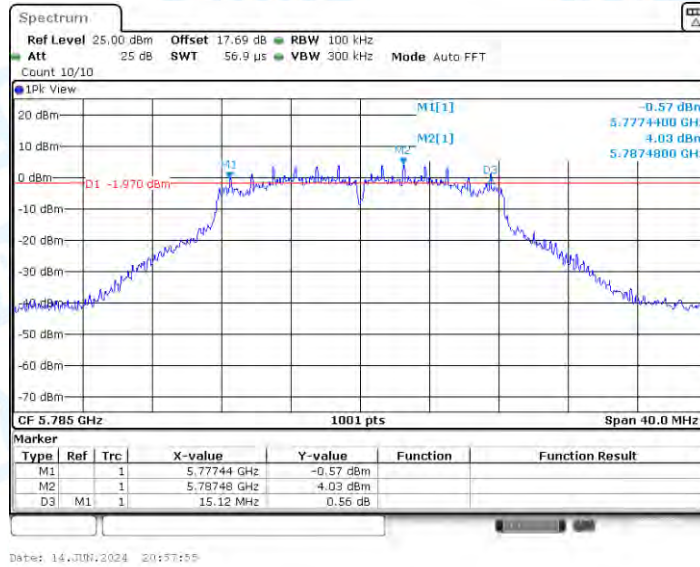
11A-CDD_Ant1_5745



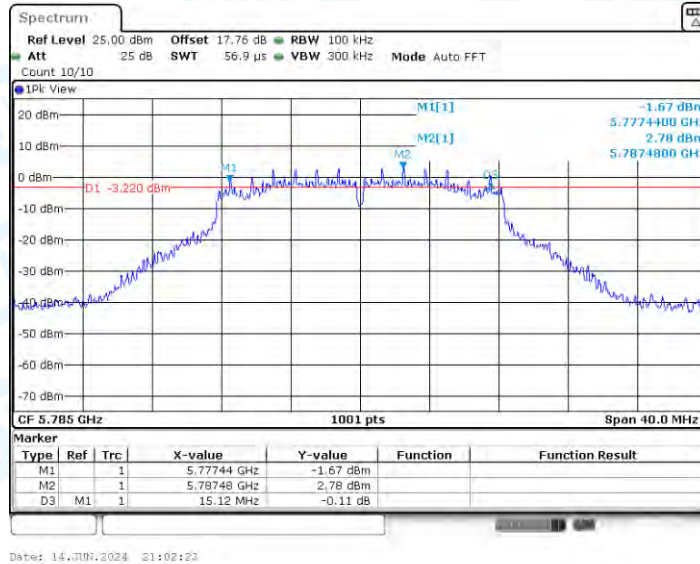
11A-CDD_Ant2_5745



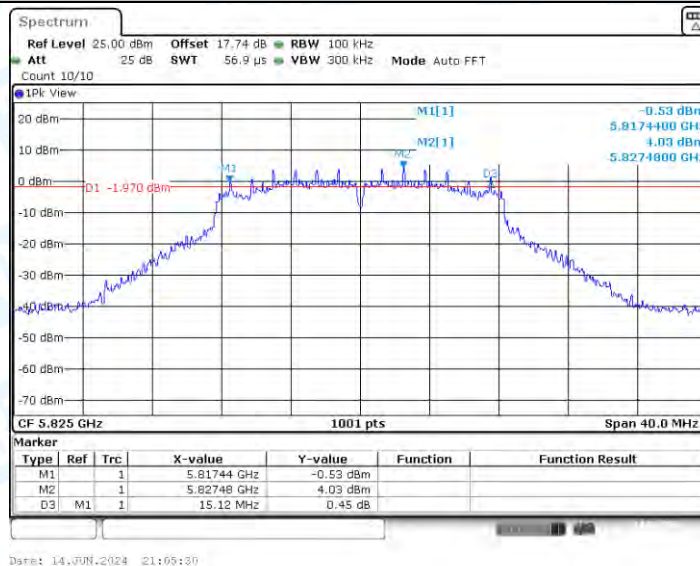
11A-CDD_Ant1_5785



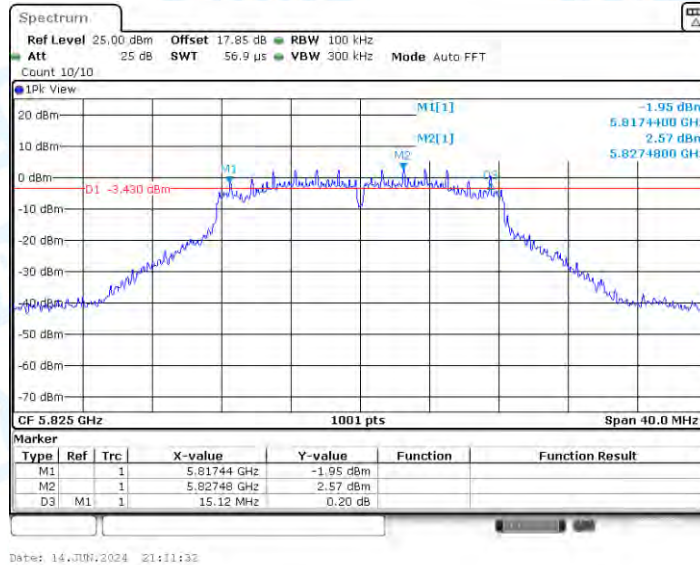
11A-CDD_Ant2_5785



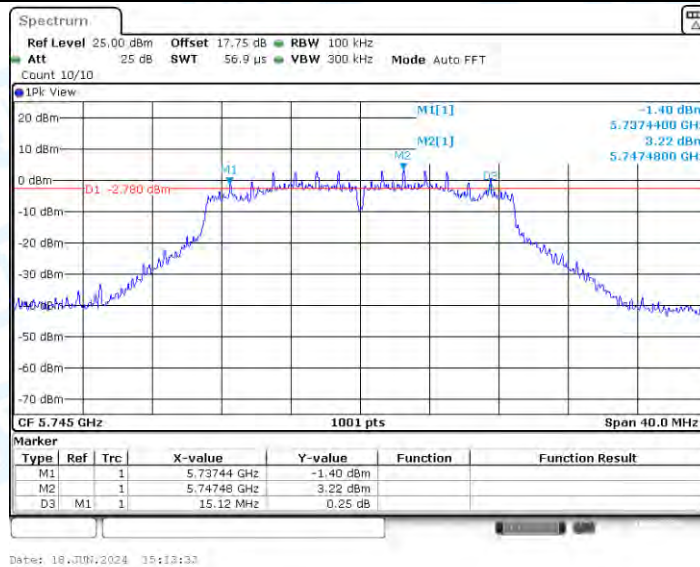
11A-CDD_Ant1_5825



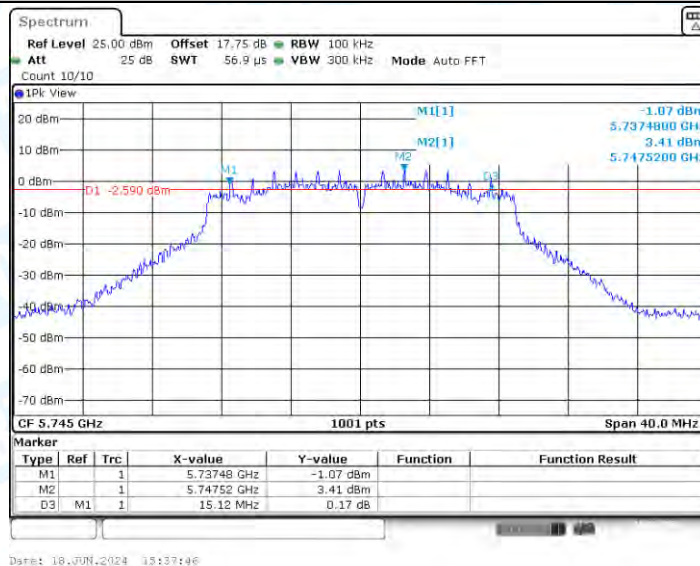
11A-CDD_Ant2_5825



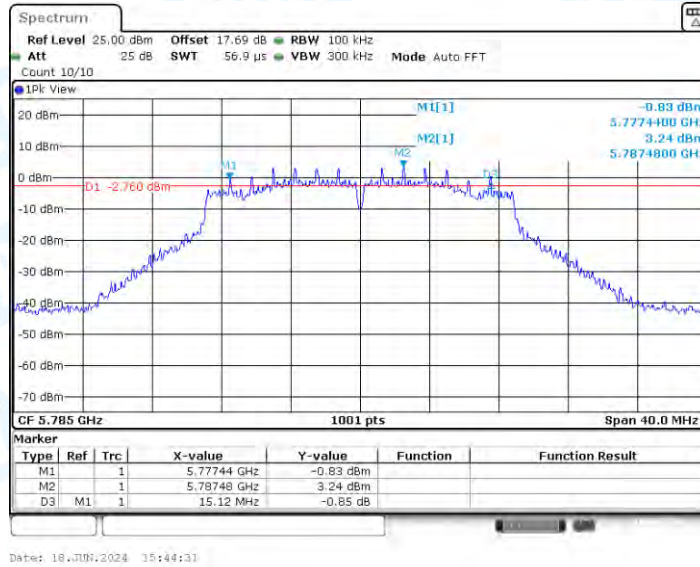
11N20MIMO_Ant1_5745



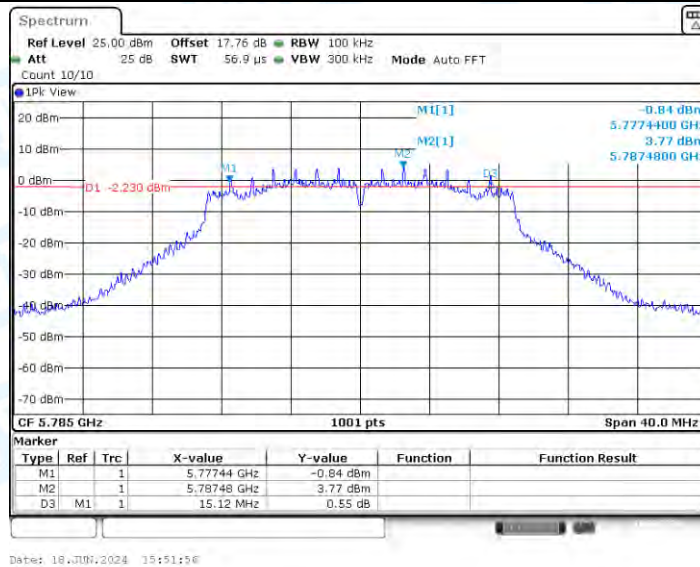
11N20MIMO_Ant2_5745



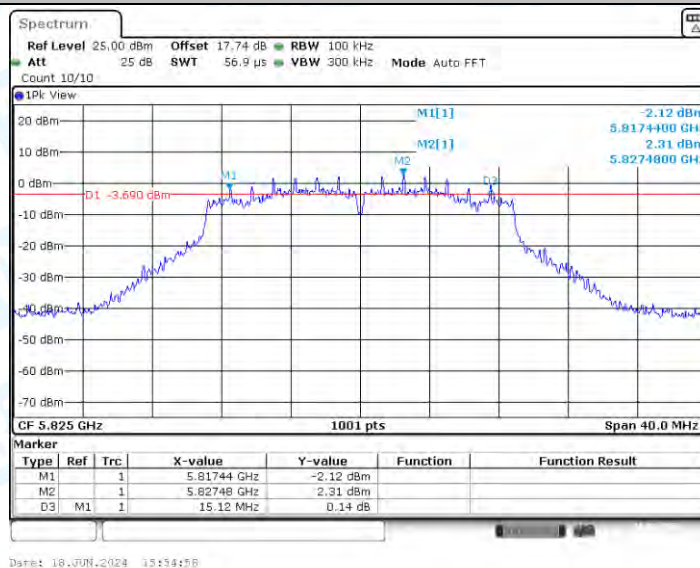
11N20MIMO_Ant1_5785



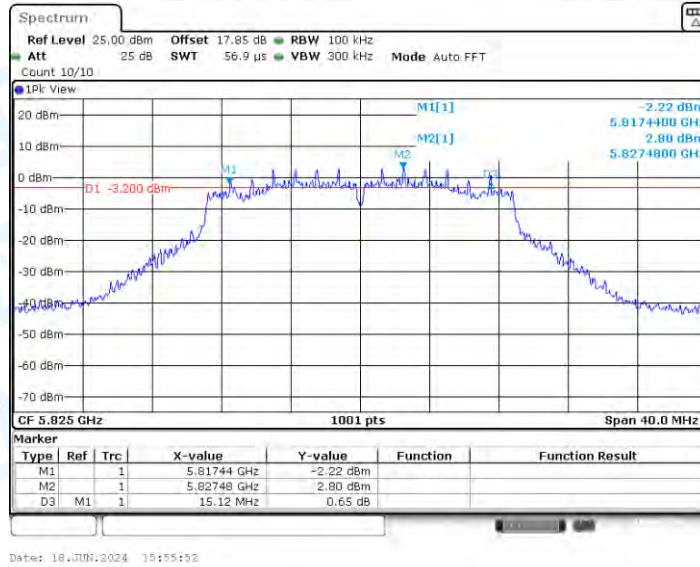
11N20MIMO_Ant2_5785



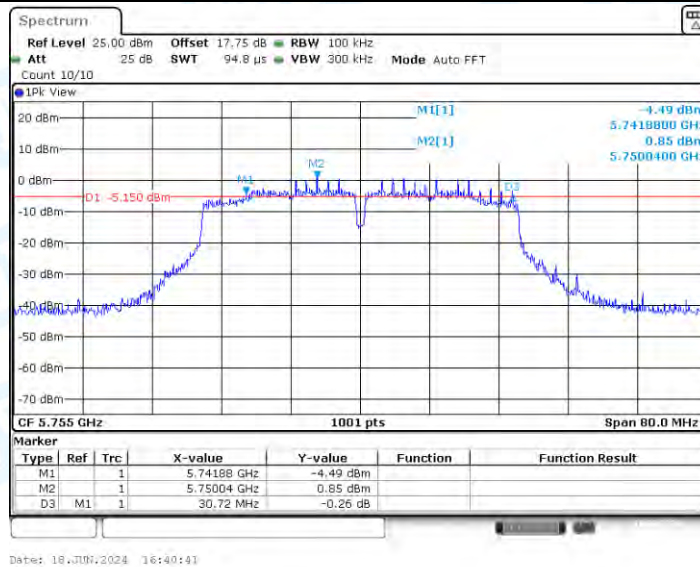
11N20MIMO_Ant1_5825



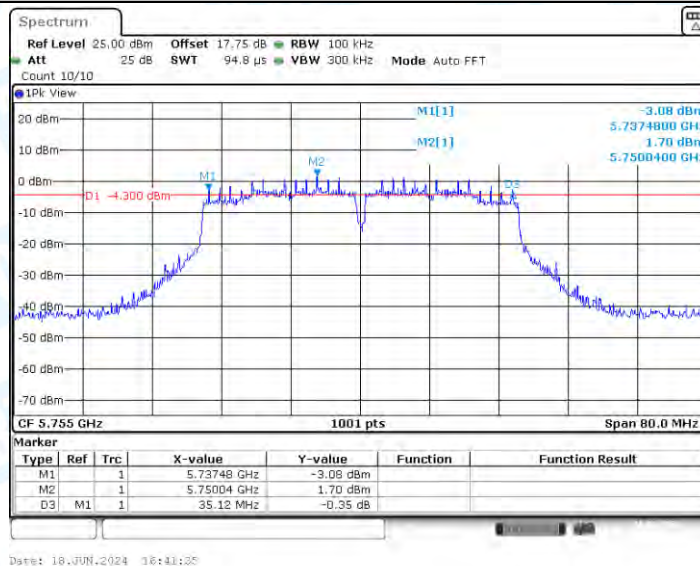
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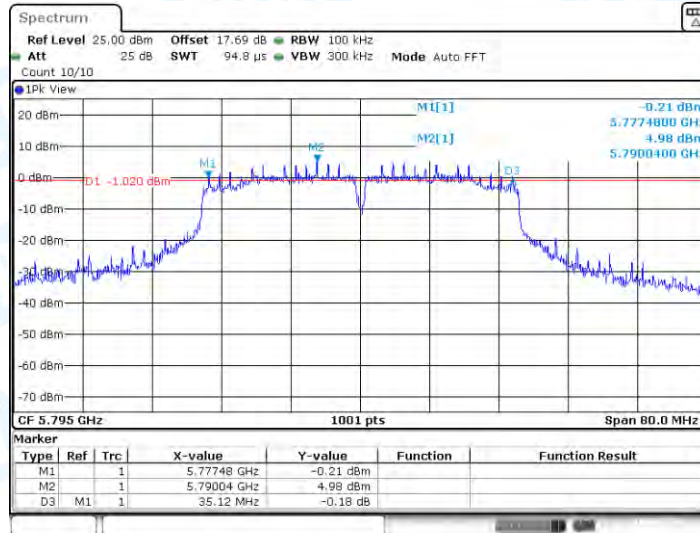
11N40MIMO_Ant1_5755



11N40MIMO_Ant2_5755

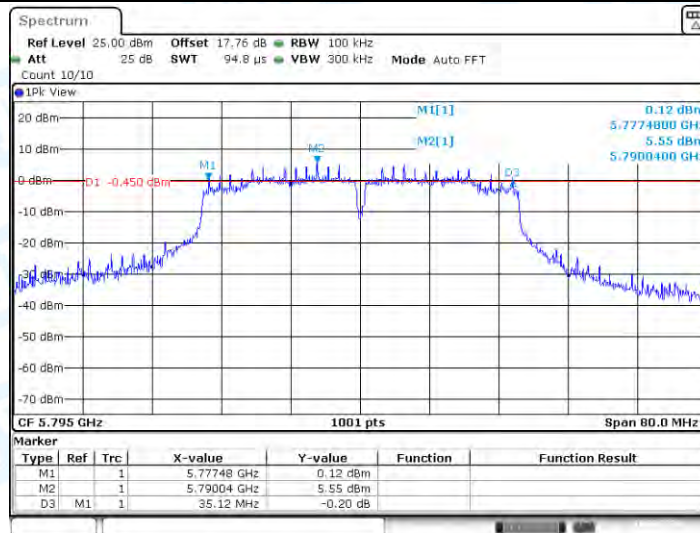


11N40MIMO_Ant1_5795



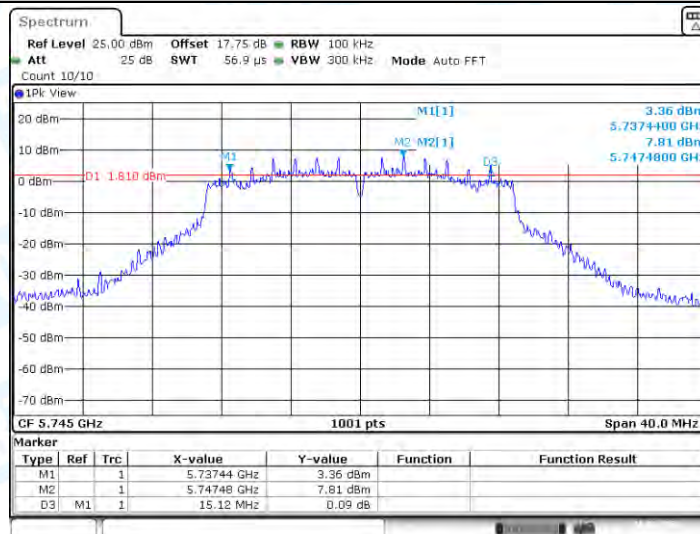
Date: 18 JUN 2024 16:57:22

11N40MIMO_Ant2_5795



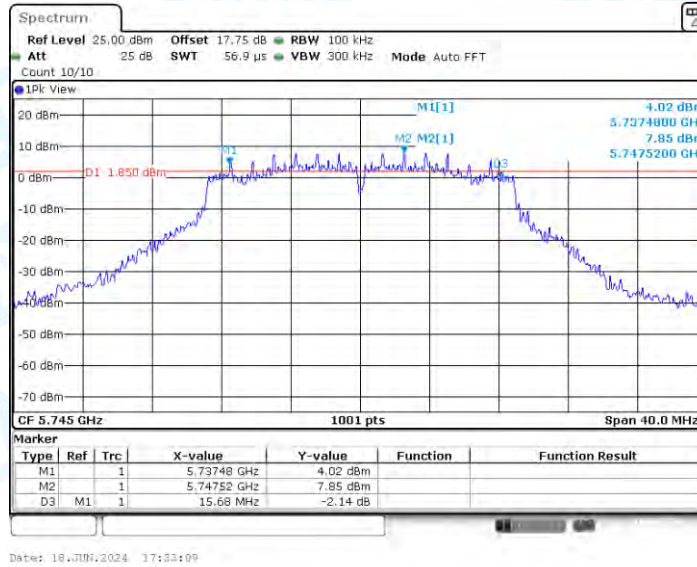
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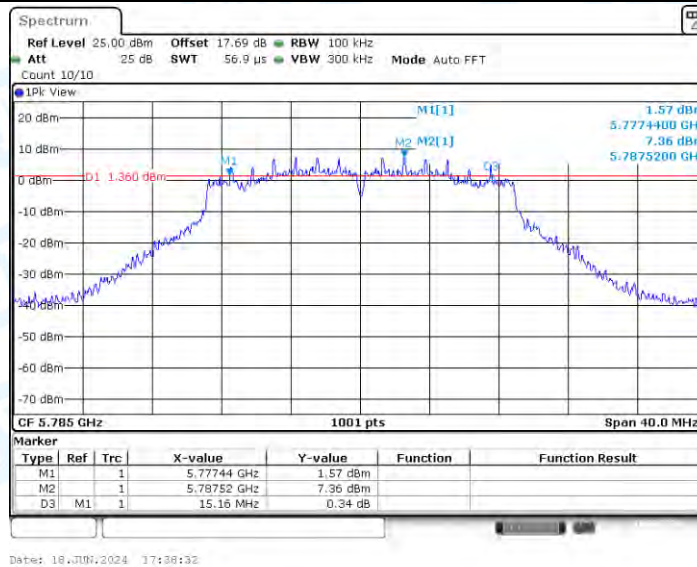


Date: 18 JUN 2024 17:59:14

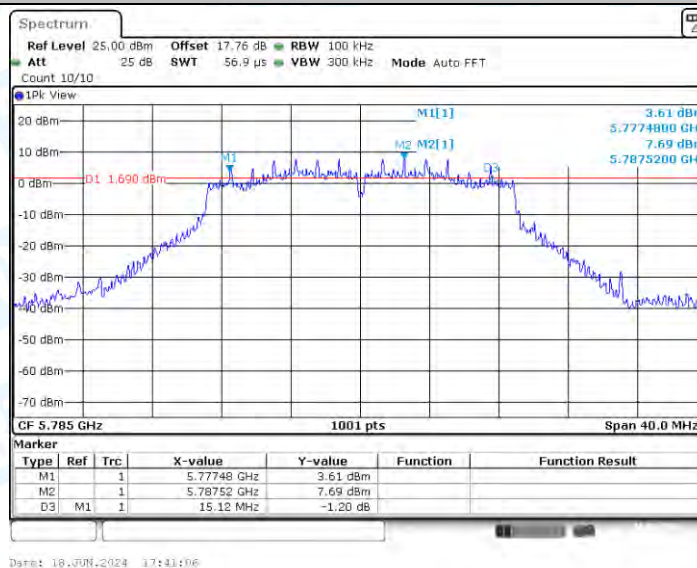
11AC20MIMO_Ant2_5745



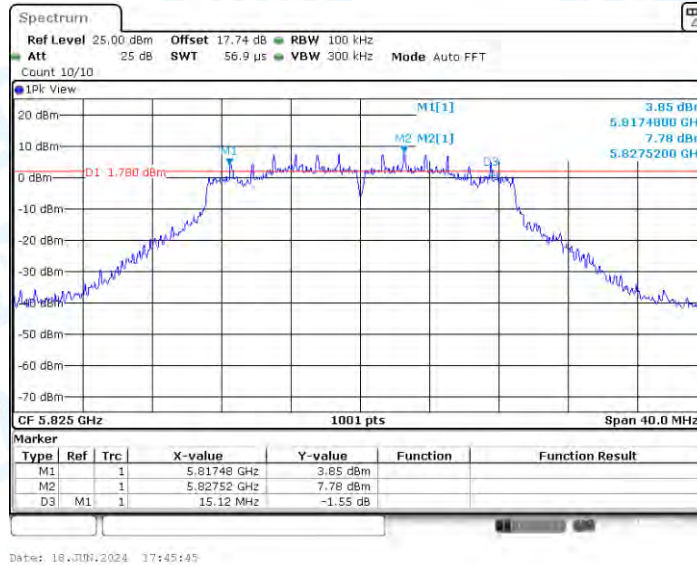
11AC20MIMO_Ant1_5785



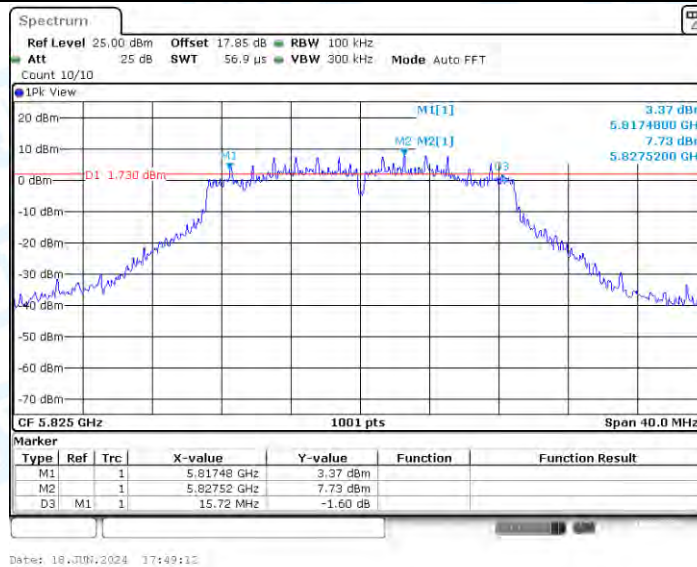
11AC20MIMO_Ant2_5785



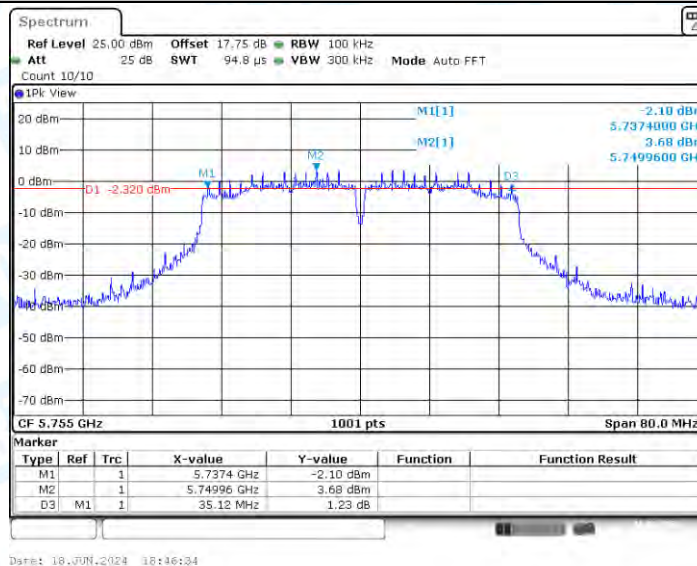
11AC20MIMO_Ant1_5825



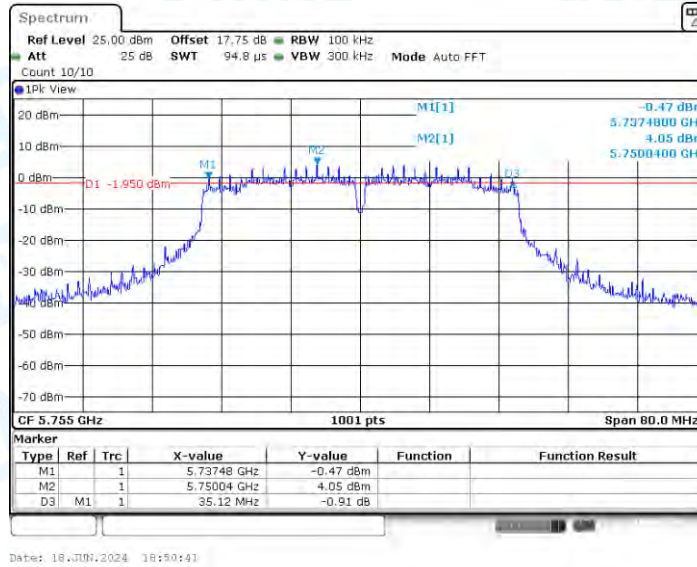
11AC20MIMO_Ant2_5825



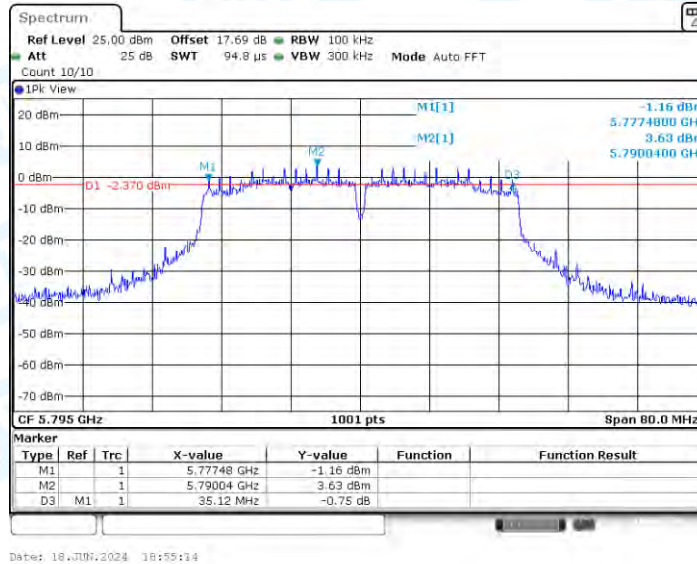
11AC40MIMO_Ant1_5755



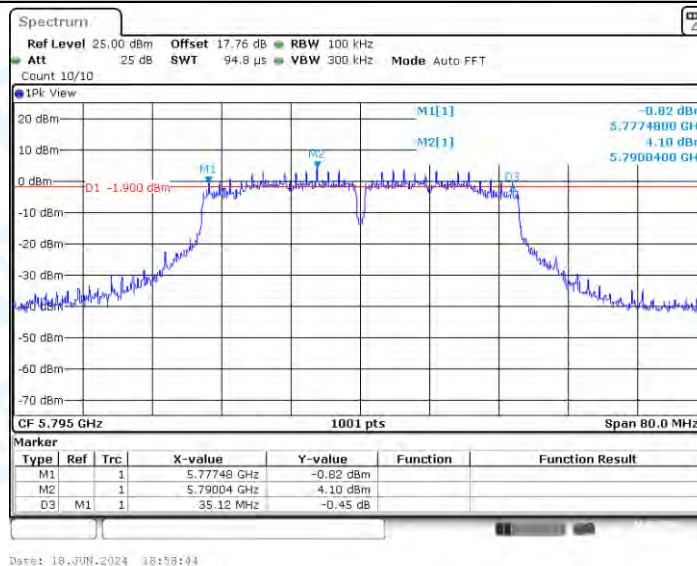
11AC40MIMO_Ant2_5755



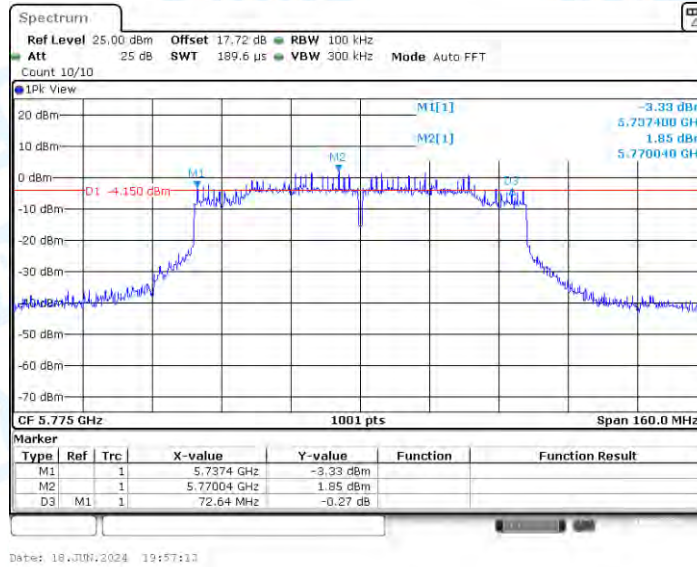
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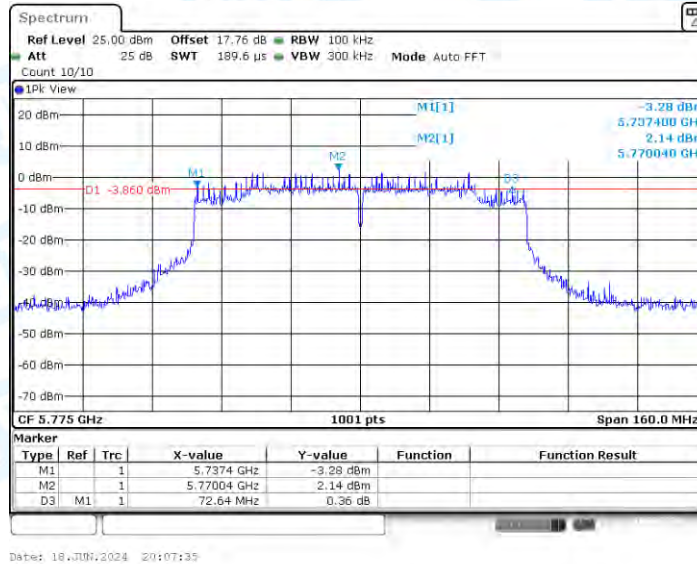
11AC40MIMO_Ant2_5795



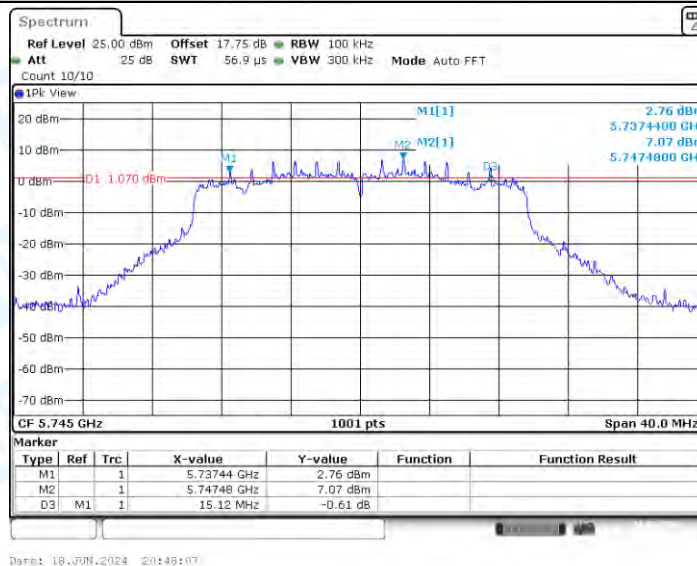
11AC80MIMO_Ant1_5775



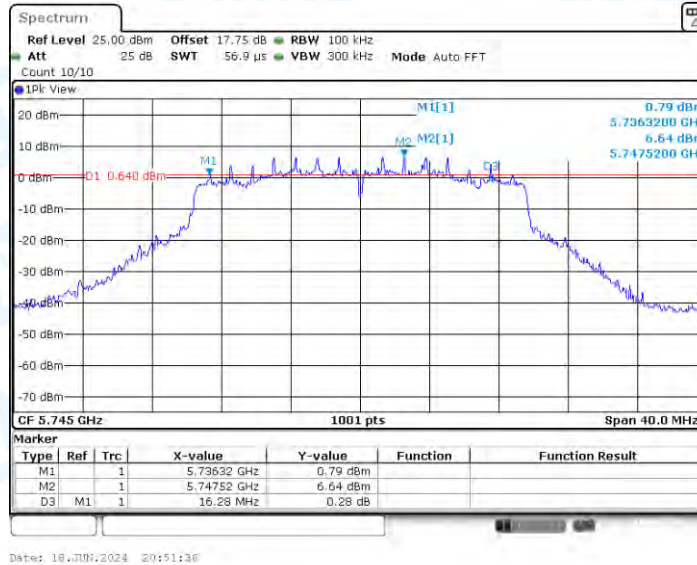
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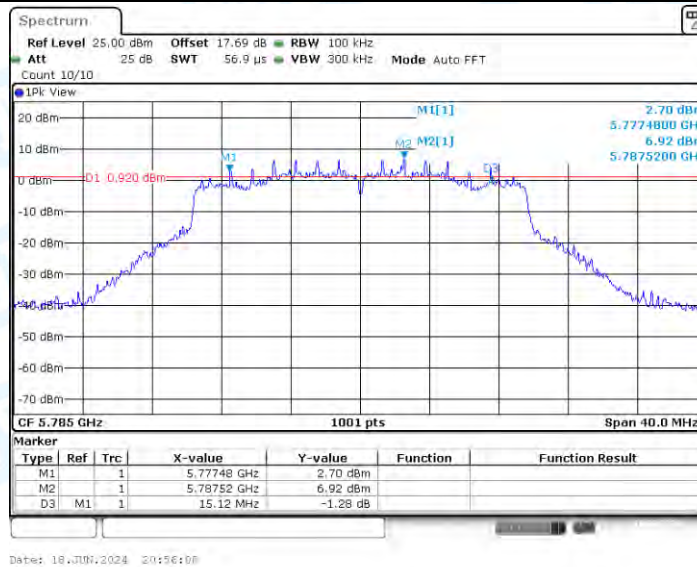
11AX20MIMO_Ant1_5745



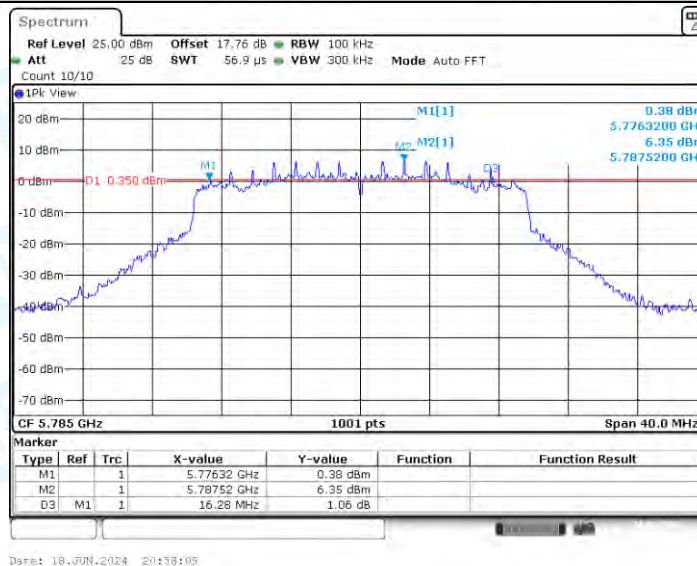
11AX20MIMO_Ant2_5745



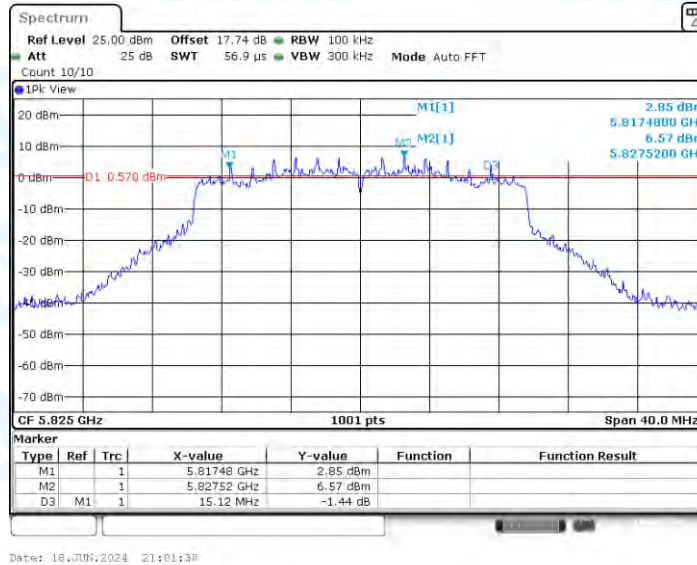
11AX20MIMO_Ant1_5785



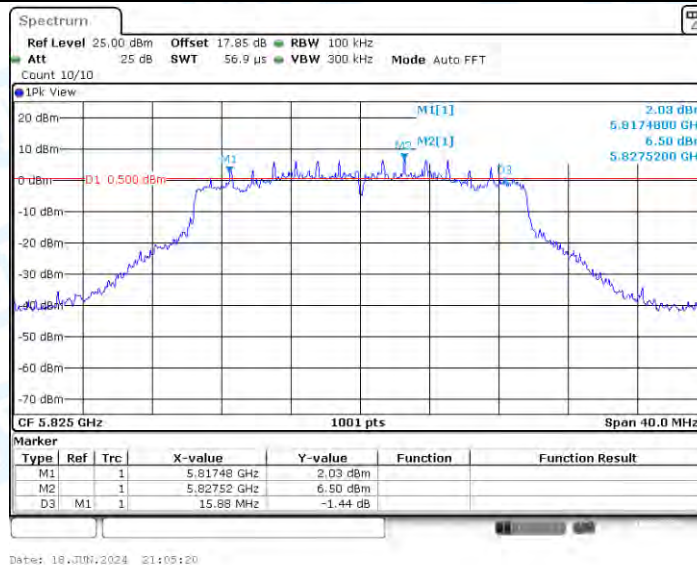
11AX20MIMO_Ant2_5785



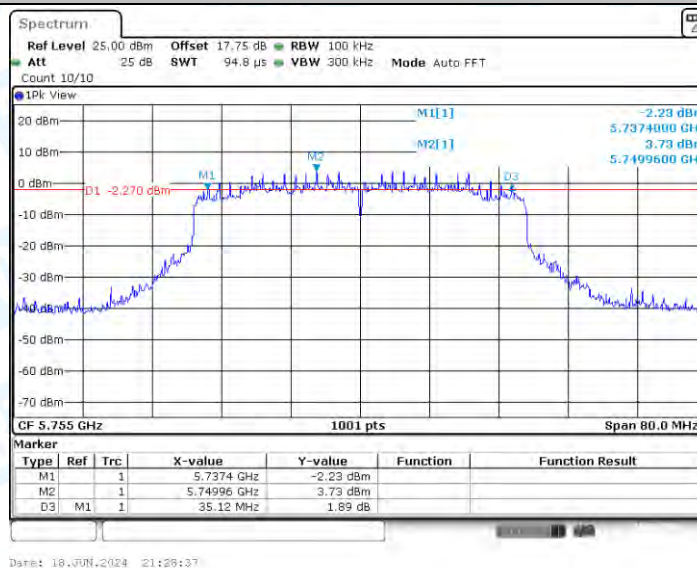
11AX20MIMO_Ant1_5825



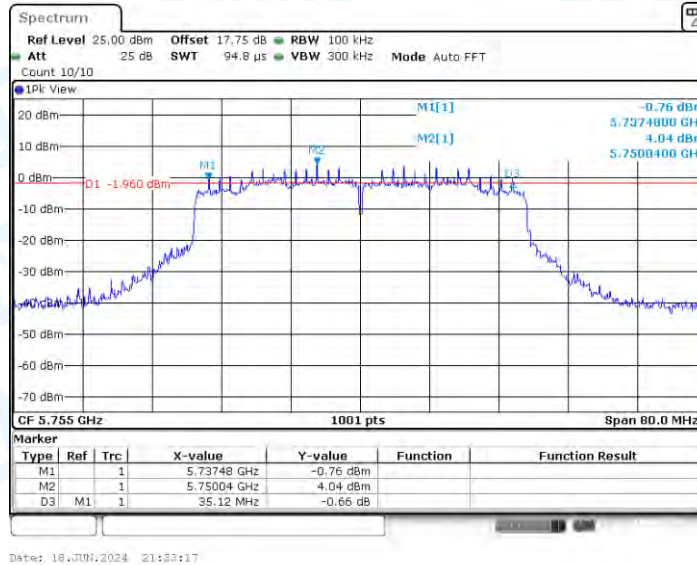
11AX20MIMO_Ant2_5825



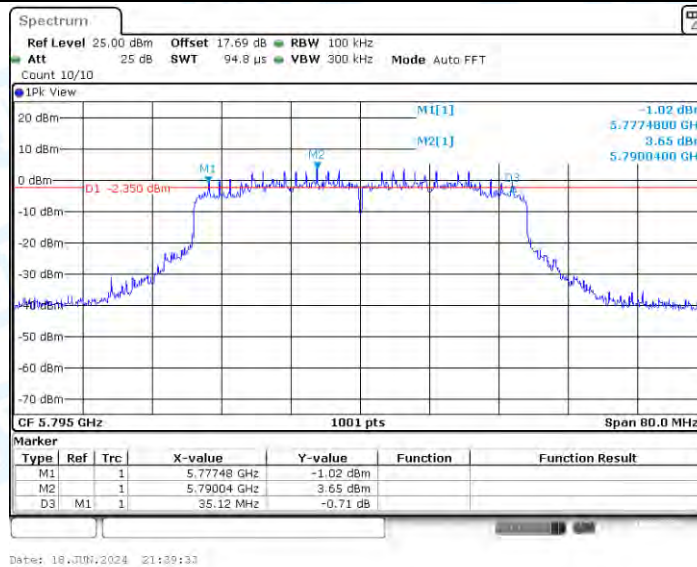
11AX40MIMO_Ant1_5755



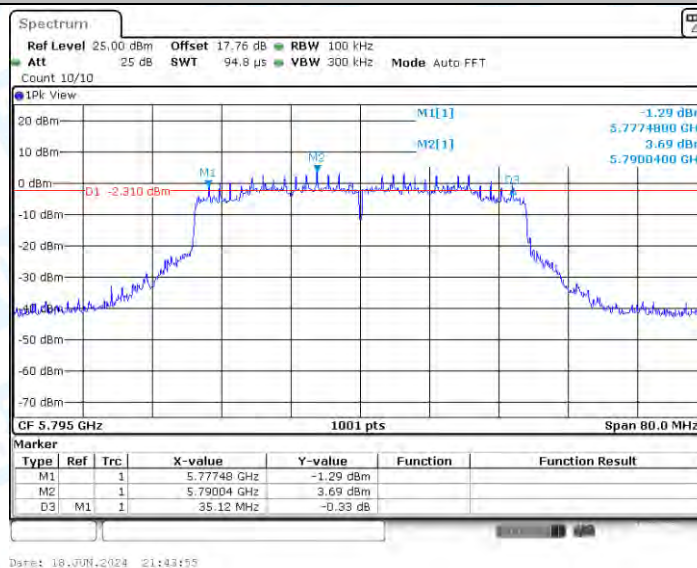
11AX40MIMO_Ant2_5755



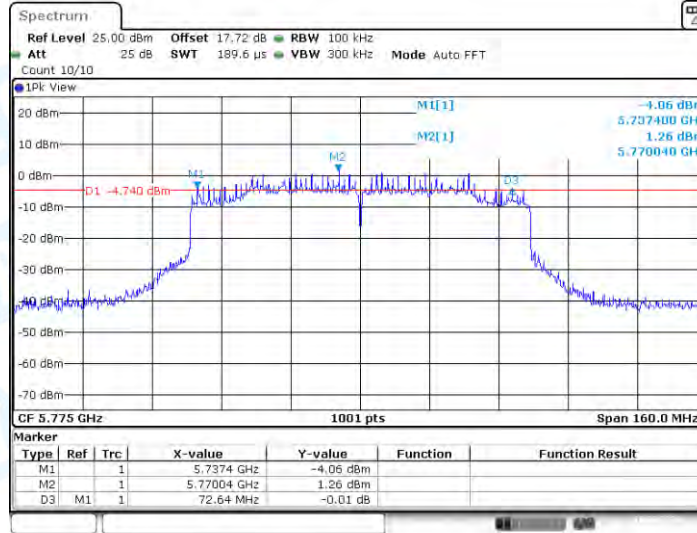
11AX40MIMO_Ant1_5795



11AX40MIMO_Ant2_5795

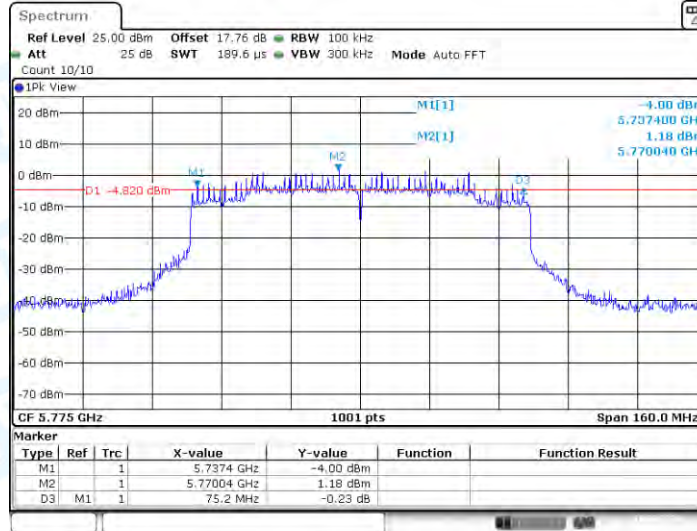


11AX80MIMO_Ant1_5775



Date: 18 JUN 2024 22:06:42

11AX80MIMO_Ant2_5775



Date: 18 JUN 2024 22:14:49

4. Maximum conducted output power

4.1. Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A-CDD	Ant1	5180	16.80	≤23.98	PASS
	Ant2	5180	17.01	≤23.98	PASS
	total	5180	19.92	≤23.98	PASS
	Ant1	5200	16.86	≤23.98	PASS
	Ant2	5200	17.34	≤23.98	PASS
	total	5200	20.12	≤23.98	PASS
	Ant1	5240	14.99	≤23.98	PASS
	Ant2	5240	15.36	≤23.98	PASS
	total	5240	18.19	≤23.98	PASS
	Ant1	5745	20.27	≤30.00	PASS
	Ant2	5745	20.18	≤30.00	PASS
	total	5745	23.24	≤30.00	PASS
	Ant1	5785	20.27	≤30.00	PASS
	Ant2	5785	19.99	≤30.00	PASS
	total	5785	23.14	≤30.00	PASS
	Ant1	5825	20.17	≤30.00	PASS
	Ant2	5825	20.09	≤30.00	PASS
	total	5825	23.14	≤30.00	PASS
11N20MIMO	Ant1	5180	12.77	≤23.98	PASS
	Ant2	5180	13.29	≤23.98	PASS
	total	5180	16.05	≤23.98	PASS
	Ant1	5200	12.86	≤23.98	PASS
	Ant2	5200	13.47	≤23.98	PASS
	total	5200	16.19	≤23.98	PASS
	Ant1	5240	13.01	≤23.98	PASS
	Ant2	5240	13.49	≤23.98	PASS
	total	5240	16.27	≤23.98	PASS
	Ant1	5745	19.63	≤30.00	PASS
	Ant2	5745	20.20	≤30.00	PASS
	total	5745	22.93	≤30.00	PASS
	Ant1	5785	19.61	≤30.00	PASS
	Ant2	5785	20.08	≤30.00	PASS
	total	5785	22.86	≤30.00	PASS
	Ant1	5825	19.73	≤30.00	PASS
	Ant2	5825	20.07	≤30.00	PASS
	total	5825	22.91	≤30.00	PASS
11N40MIMO	Ant1	5190	10.70	≤23.98	PASS
	Ant2	5190	12.34	≤23.98	PASS
	total	5190	14.61	≤23.98	PASS
	Ant1	5230	10.93	≤23.98	PASS

	Ant2	5230	12.61	≤23.98	PASS
	total	5230	14.86	≤23.98	PASS
	Ant1	5755	17.75	≤30.00	PASS
	Ant2	5755	18.31	≤30.00	PASS
	total	5755	21.05	≤30.00	PASS
	Ant1	5795	17.79	≤30.00	PASS
	Ant2	5795	18.10	≤30.00	PASS
	total	5795	20.96	≤30.00	PASS
11AC20MIMO	Ant1	5180	10.21	≤23.98	PASS
	Ant2	5180	12.24	≤23.98	PASS
	total	5180	14.35	≤23.98	PASS
	Ant1	5200	10.52	≤23.98	PASS
	Ant2	5200	12.14	≤23.98	PASS
	total	5200	14.42	≤23.98	PASS
	Ant1	5240	10.59	≤23.98	PASS
	Ant2	5240	12.23	≤23.98	PASS
	total	5240	14.50	≤23.98	PASS
	Ant1	5745	17.19	≤30.00	PASS
	Ant2	5745	17.90	≤30.00	PASS
	total	5745	20.57	≤30.00	PASS
	Ant1	5785	17.47	≤30.00	PASS
	Ant2	5785	17.64	≤30.00	PASS
	total	5785	20.57	≤30.00	PASS
	Ant1	5825	17.24	≤30.00	PASS
	Ant2	5825	17.48	≤30.00	PASS
	total	5825	20.37	≤30.00	PASS
11AC40MIMO	Ant1	5190	10.47	≤23.98	PASS
	Ant2	5190	12.39	≤23.98	PASS
	total	5190	14.55	≤23.98	PASS
	Ant1	5230	10.78	≤23.98	PASS
	Ant2	5230	12.56	≤23.98	PASS
	total	5230	14.77	≤23.98	PASS
	Ant1	5755	16.33	≤30.00	PASS
	Ant2	5755	17.00	≤30.00	PASS
	total	5755	19.69	≤30.00	PASS
	Ant1	5795	16.36	≤30.00	PASS
	Ant2	5795	16.88	≤30.00	PASS
	total	5795	19.64	≤30.00	PASS
11AC80MIMO	Ant1	5210	10.19	≤23.98	PASS
	Ant2	5210	10.76	≤23.98	PASS
	total	5210	13.49	≤23.98	PASS
	Ant1	5775	16.74	≤30.00	PASS
	Ant2	5775	16.93	≤30.00	PASS
	total	5775	19.85	≤30.00	PASS
11AX20MIMO	Ant1	5180	11.13	≤23.98	PASS

	Ant2	5180	11.67	≤23.98	PASS
	total	5180	14.42	≤23.98	PASS
	Ant1	5200	11.27	≤23.98	PASS
	Ant2	5200	11.73	≤23.98	PASS
	total	5200	14.52	≤23.98	PASS
	Ant1	5240	11.54	≤23.98	PASS
	Ant2	5240	11.92	≤23.98	PASS
	total	5240	14.74	≤23.98	PASS
	Ant1	5745	16.38	≤30.00	PASS
	Ant2	5745	16.67	≤30.00	PASS
	total	5745	19.54	≤30.00	PASS
	Ant1	5785	16.44	≤30.00	PASS
	Ant2	5785	16.41	≤30.00	PASS
	total	5785	19.44	≤30.00	PASS
	Ant1	5825	16.38	≤30.00	PASS
	Ant2	5825	16.38	≤30.00	PASS
	total	5825	19.39	≤30.00	PASS
11AX40MIMO	Ant1	5190	9.75	≤23.98	PASS
	Ant2	5190	9.97	≤23.98	PASS
	total	5190	12.87	≤23.98	PASS
	Ant1	5230	9.78	≤23.98	PASS
	Ant2	5230	10.21	≤23.98	PASS
	total	5230	13.01	≤23.98	PASS
	Ant1	5755	16.45	≤30.00	PASS
	Ant2	5755	16.84	≤30.00	PASS
	total	5755	19.66	≤30.00	PASS
	Ant1	5795	16.49	≤30.00	PASS
	Ant2	5795	16.68	≤30.00	PASS
	total	5795	19.60	≤30.00	PASS
11AX80MIMO	Ant1	5210	9.85	≤23.98	PASS
	Ant2	5210	10.16	≤23.98	PASS
	total	5210	13.02	≤23.98	PASS
	Ant1	5775	16.44	≤30.00	PASS
	Ant2	5775	16.58	≤30.00	PASS
	total	5775	19.52	≤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	7.15	≤11.00	PASS
	Ant2	5180	7.26	≤11.00	PASS
	total	5180	10.22	≤11.00	PASS
	Ant1	5200	7.43	≤11.00	PASS
	Ant2	5200	7.60	≤11.00	PASS
	total	5200	10.53	≤11.00	PASS
	Ant1	5240	5.35	≤11.00	PASS
	Ant2	5240	5.40	≤11.00	PASS
	total	5240	8.39	≤11.00	PASS
	Ant1	5745	7.86	≤30.00	PASS
	Ant2	5745	7.37	≤30.00	PASS
	total	5745	10.63	≤30.00	PASS
	Ant1	5785	7.77	≤30.00	PASS
	Ant2	5785	7.11	≤30.00	PASS
	total	5785	10.46	≤30.00	PASS
	Ant1	5825	7.40	≤30.00	PASS
	Ant2	5825	7.39	≤30.00	PASS
	total	5825	10.41	≤30.00	PASS
11N20MIMO	Ant1	5180	2.52	≤11.00	PASS
	Ant2	5180	2.84	≤11.00	PASS
	total	5180	5.69	≤11.00	PASS
	Ant1	5200	2.65	≤11.00	PASS
	Ant2	5200	3.03	≤11.00	PASS
	total	5200	5.85	≤11.00	PASS
	Ant1	5240	2.72	≤11.00	PASS
	Ant2	5240	3.04	≤11.00	PASS
	total	5240	5.89	≤11.00	PASS
	Ant1	5745	6.59	≤30.00	PASS
	Ant2	5745	6.89	≤30.00	PASS
	total	5745	9.75	≤30.00	PASS
	Ant1	5785	6.32	≤30.00	PASS
	Ant2	5785	6.52	≤30.00	PASS
	total	5785	9.43	≤30.00	PASS
	Ant1	5825	6.29	≤30.00	PASS
	Ant2	5825	6.78	≤30.00	PASS
	total	5825	9.55	≤30.00	PASS
11N40MIMO	Ant1	5190	-3.15	≤11.00	PASS
	Ant2	5190	-1.70	≤11.00	PASS
	total	5190	0.65	≤11.00	PASS
	Ant1	5230	-2.96	≤11.00	PASS

	Ant2	5230	-1.58	≤11.00	PASS
	total	5230	0.79	≤11.00	PASS
	Ant1	5755	1.14	≤30.00	PASS
	Ant2	5755	1.41	≤30.00	PASS
	total	5755	4.29	≤30.00	PASS
	Ant1	5795	0.87	≤30.00	PASS
	Ant2	5795	1.08	≤30.00	PASS
	total	5795	3.99	≤30.00	PASS
11AC20MIMO	Ant1	5180	-0.14	≤11.00	PASS
	Ant2	5180	1.52	≤11.00	PASS
	total	5180	3.78	≤11.00	PASS
	Ant1	5200	0.11	≤11.00	PASS
	Ant2	5200	1.50	≤11.00	PASS
	total	5200	3.87	≤11.00	PASS
	Ant1	5240	0.07	≤11.00	PASS
	Ant2	5240	1.50	≤11.00	PASS
	total	5240	3.85	≤11.00	PASS
	Ant1	5745	4.13	≤30.00	PASS
	Ant2	5745	4.64	≤30.00	PASS
	total	5745	7.40	≤30.00	PASS
	Ant1	5785	4.34	≤30.00	PASS
	Ant2	5785	4.33	≤30.00	PASS
	total	5785	7.35	≤30.00	PASS
	Ant1	5825	4.17	≤30.00	PASS
	Ant2	5825	4.27	≤30.00	PASS
	total	5825	7.23	≤30.00	PASS
11AC40MIMO	Ant1	5190	-3.32	≤11.00	PASS
	Ant2	5190	-1.66	≤11.00	PASS
	total	5190	0.60	≤11.00	PASS
	Ant1	5230	-3.01	≤11.00	PASS
	Ant2	5230	-1.41	≤11.00	PASS
	total	5230	0.87	≤11.00	PASS
	Ant1	5755	-0.10	≤30.00	PASS
	Ant2	5755	0.47	≤30.00	PASS
	total	5755	3.20	≤30.00	PASS
	Ant1	5795	-0.15	≤30.00	PASS
	Ant2	5795	0.05	≤30.00	PASS
	total	5795	2.96	≤30.00	PASS
11AC80MIMO	Ant1	5210	-6.54	≤11.00	PASS
	Ant2	5210	-6.35	≤11.00	PASS
	total	5210	-3.43	≤11.00	PASS
	Ant1	5775	-2.40	≤30.00	PASS
	Ant2	5775	-2.52	≤30.00	PASS
	total	5775	0.55	≤30.00	PASS
11AX20MIMO	Ant1	5180	0.66	≤11.00	PASS

	Ant2	5180	0.59	≤11.00	PASS
	total	5180	3.64	≤11.00	PASS
	Ant1	5200	0.65	≤11.00	PASS
	Ant2	5200	0.83	≤11.00	PASS
	total	5200	3.75	≤11.00	PASS
	Ant1	5240	0.62	≤11.00	PASS
	Ant2	5240	0.95	≤11.00	PASS
	total	5240	3.80	≤11.00	PASS
	Ant1	5745	3.06	≤30.00	PASS
	Ant2	5745	2.87	≤30.00	PASS
	total	5745	5.98	≤30.00	PASS
	Ant1	5785	2.77	≤30.00	PASS
	Ant2	5785	2.86	≤30.00	PASS
	total	5785	5.83	≤30.00	PASS
	Ant1	5825	2.83	≤30.00	PASS
	Ant2	5825	2.71	≤30.00	PASS
	total	5825	5.78	≤30.00	PASS
11AX40MIMO	Ant1	5190	-4.33	≤11.00	PASS
	Ant2	5190	-4.05	≤11.00	PASS
	total	5190	-1.18	≤11.00	PASS
	Ant1	5230	-4.26	≤11.00	PASS
	Ant2	5230	-3.76	≤11.00	PASS
	total	5230	-0.99	≤11.00	PASS
	Ant1	5755	-0.09	≤30.00	PASS
	Ant2	5755	0.19	≤30.00	PASS
	total	5755	3.06	≤30.00	PASS
	Ant1	5795	0.03	≤30.00	PASS
	Ant2	5795	0.02	≤30.00	PASS
	total	5795	3.04	≤30.00	PASS
11AX80MIMO	Ant1	5210	-6.90	≤11.00	PASS
	Ant2	5210	-6.94	≤11.00	PASS
	total	5210	-3.91	≤11.00	PASS
	Ant1	5775	-3.20	≤30.00	PASS
	Ant2	5775	-2.96	≤30.00	PASS
	total	5775	-0.07	≤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_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