

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

General Description of EUT	
Product Name:	Retro Mini PC
Test Model:	AYANEO Retro Mini PC
Sample ID:	202310-0170-4-2#
Environmental Conditions	
Temperature:	25°C
Relative Humidity:	55%
Test Voltage:	DC 12V
Test Engineer:	Li ying jing
Note: For a more detailed features description, please refer to the report TBR-C-202310-0170-103 The report only show the worst case data.	

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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	23.56	5168.36	5191.92	---	---
	Ant2	5180	22.80	5168.56	5191.36	---	---
	Ant1	5200	23.08	5188.24	5211.32	---	---
	Ant2	5200	22.60	5188.92	5211.52	---	---
	Ant1	5240	23.48	5228.12	5251.60	---	---
	Ant2	5240	22.76	5228.68	5251.44	---	---
11N20MIMO	Ant1	5180	23.24	5168.36	5191.60	---	---
	Ant2	5180	23.64	5168.00	5191.64	---	---
	Ant1	5200	22.92	5188.60	5211.52	---	---
	Ant2	5200	22.76	5188.32	5211.08	---	---
	Ant1	5240	23.16	5228.12	5251.28	---	---
	Ant2	5240	22.84	5228.60	5251.44	---	---
11N40MIMO	Ant1	5190	42.32	5168.64	5210.96	---	---
	Ant2	5190	43.68	5167.76	5211.44	---	---
	Ant1	5230	42.96	5208.48	5251.44	---	---
	Ant2	5230	42.80	5208.32	5251.12	---	---
11AC20MIMO	Ant1	5180	23.40	5168.28	5191.68	---	---
	Ant2	5180	22.72	5168.56	5191.28	---	---
	Ant1	5200	22.76	5188.40	5211.16	---	---
	Ant2	5200	23.20	5188.32	5211.52	---	---
	Ant1	5240	23.12	5228.24	5251.36	---	---
	Ant2	5240	23.48	5228.40	5251.88	---	---
11AC40MIMO	Ant1	5190	42.80	5168.32	5211.12	---	---
	Ant2	5190	42.80	5168.88	5211.68	---	---
	Ant1	5230	42.80	5208.24	5251.04	---	---
	Ant2	5230	43.92	5208.00	5251.92	---	---
11AC80MIMO	Ant1	5210	84.00	5168.24	5252.24	---	---
	Ant2	5210	82.72	5169.68	5252.40	---	---
11AX20MIMO	Ant1	5180	23.64	5168.16	5191.80	---	---
	Ant2	5180	23.16	5168.40	5191.56	---	---
	Ant1	5200	23.44	5188.28	5211.72	---	---
	Ant2	5200	23.36	5187.84	5211.20	---	---
	Ant1	5240	23.52	5228.24	5251.76	---	---
	Ant2	5240	23.40	5228.16	5251.56	---	---
11AX40MIMO	Ant1	5190	43.28	5168.24	5211.52	---	---
	Ant2	5190	41.36	5169.20	5210.56	---	---
	Ant1	5230	42.56	5208.32	5250.88	---	---
	Ant2	5230	42.88	5208.16	5251.04	---	---
11AX80MIMO	Ant1	5210	84.16	5168.56	5252.72	---	---
	Ant2	5210	82.08	5168.88	5250.96	---	---

2.1. Test Graphs

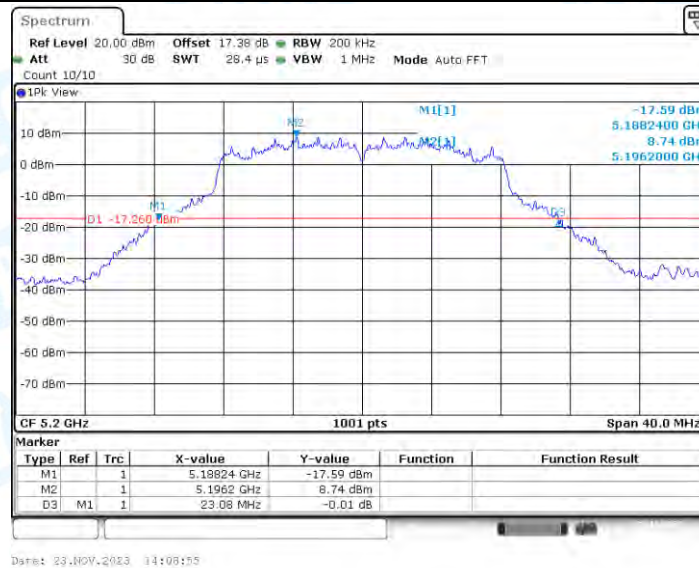
11A-CDD_Ant1_5180



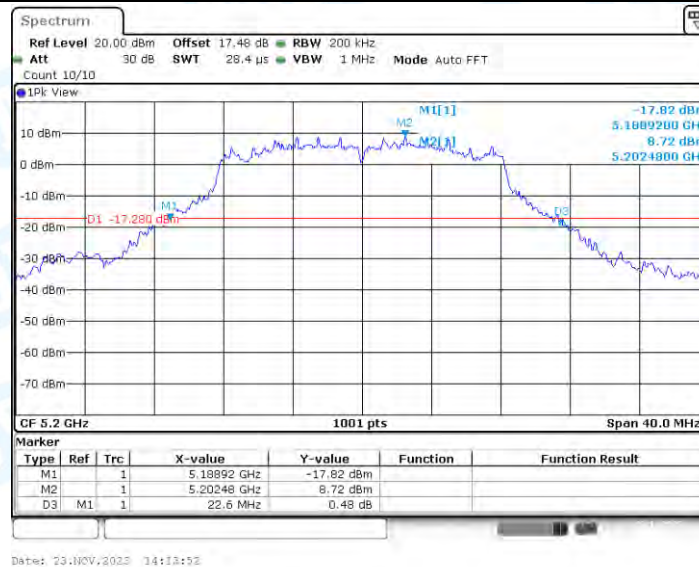
11A-CDD_Ant2_5180



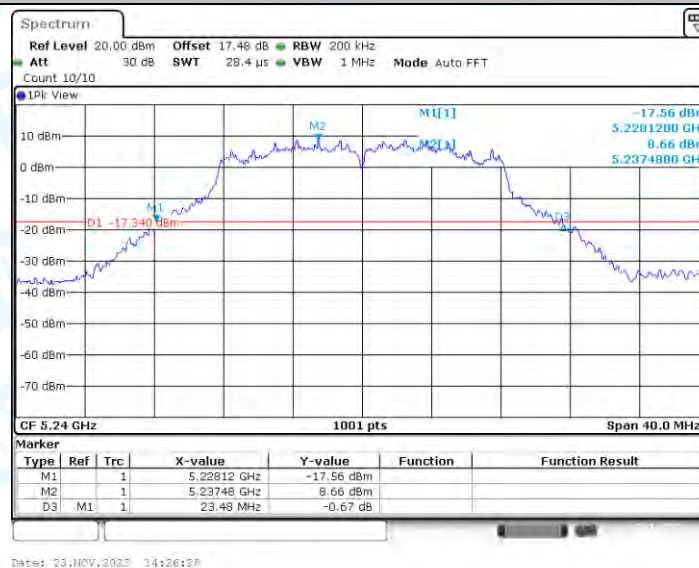
11A-CDD_Ant1_5200



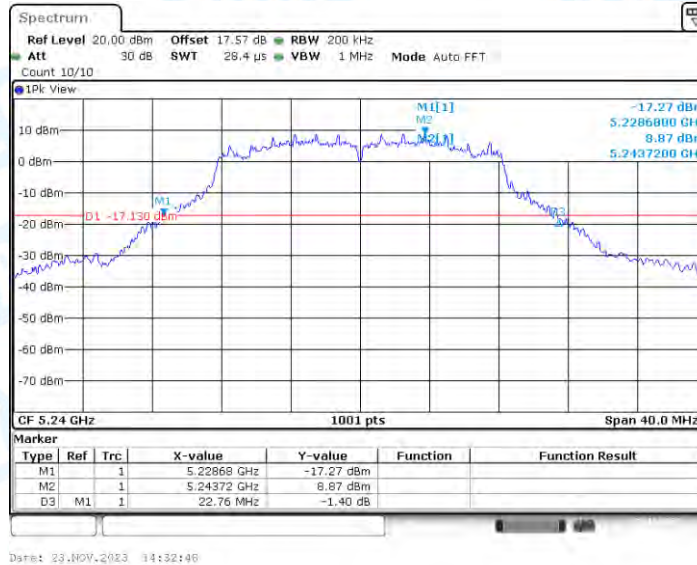
11A-CDD_Ant2_5200



11A-CDD_Ant1_5240



11A-CDD_Ant2_5240



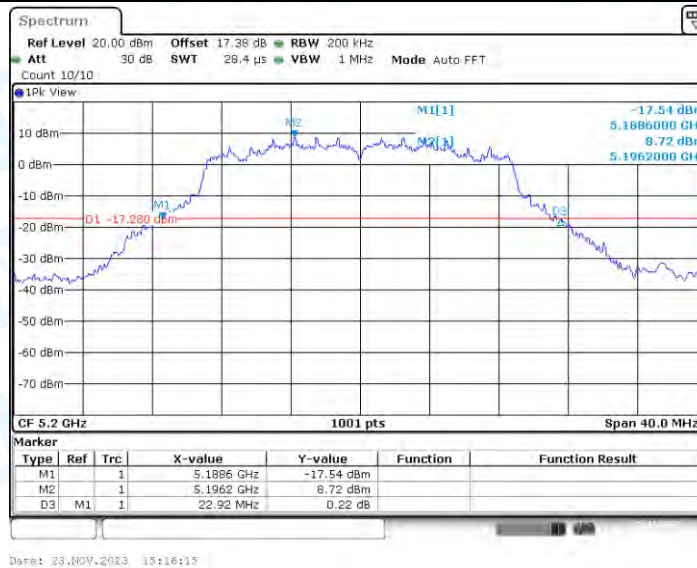
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11N20MIMO_Ant2_5180



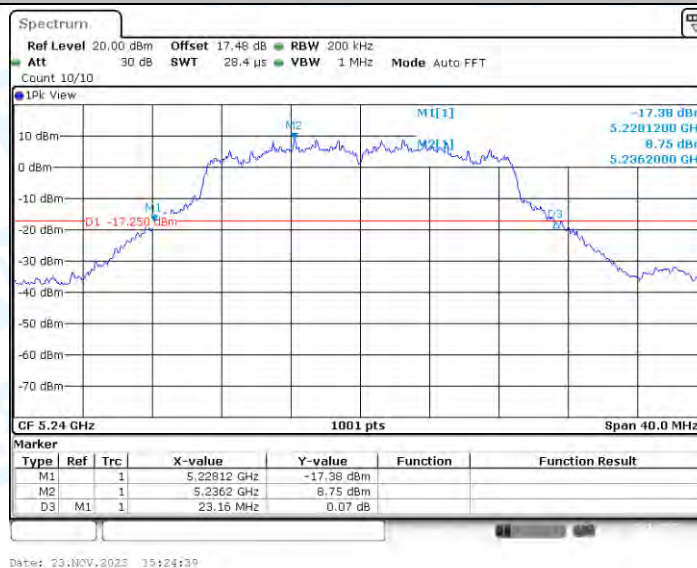
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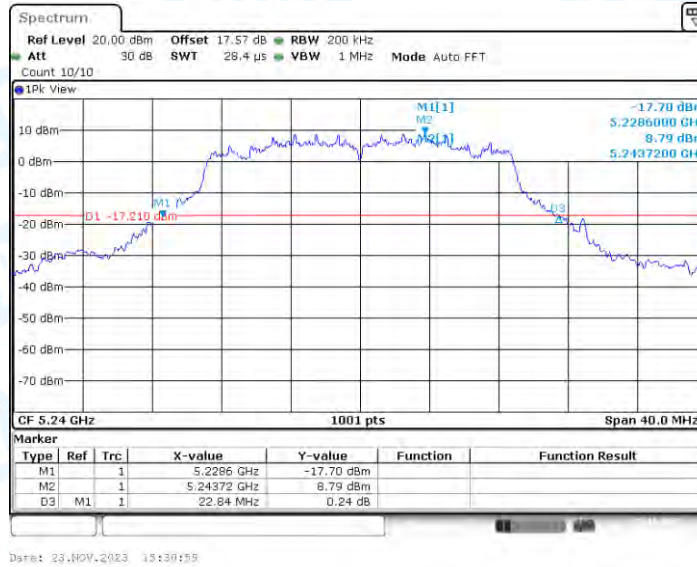
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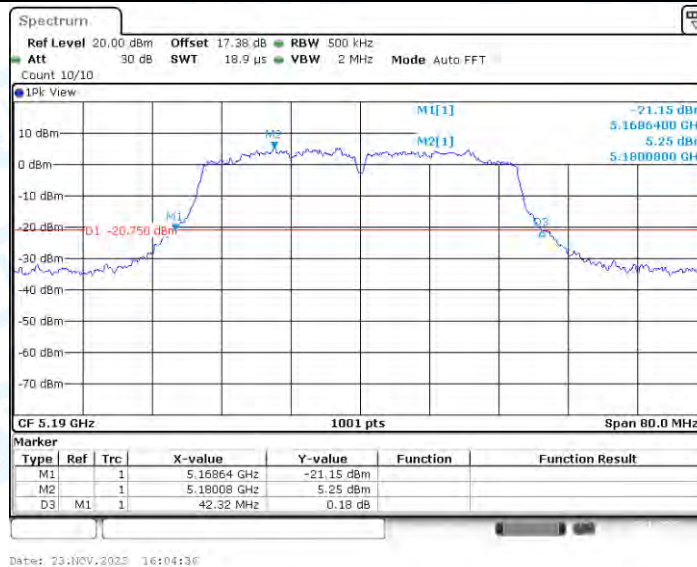
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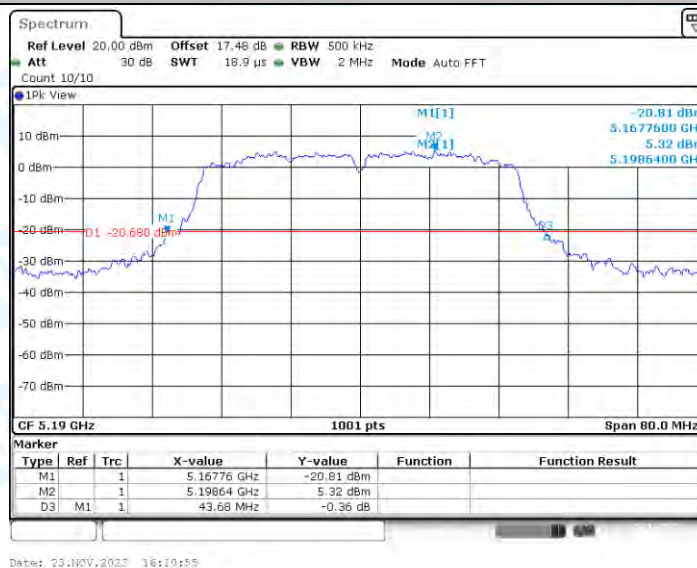
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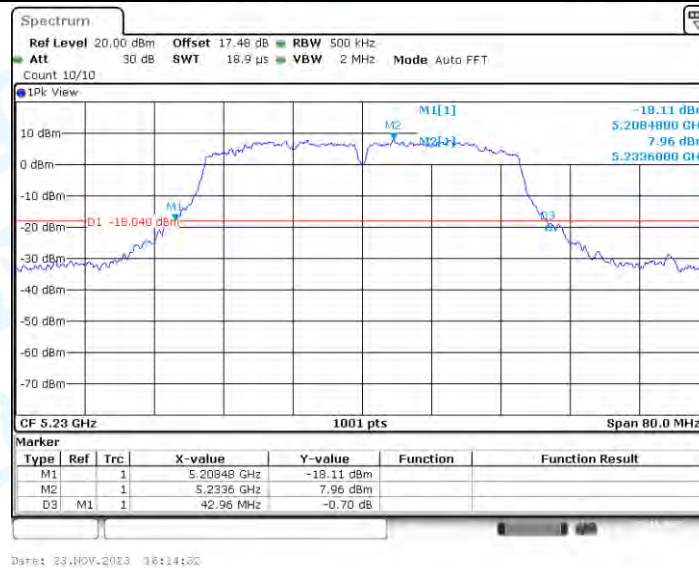
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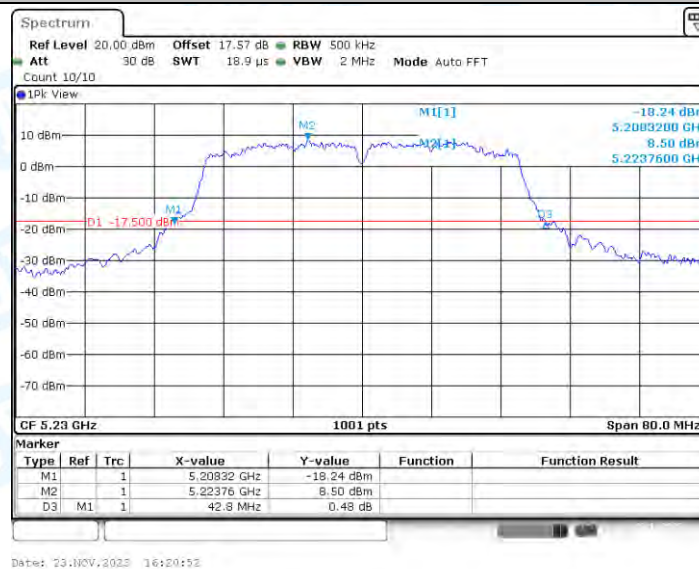
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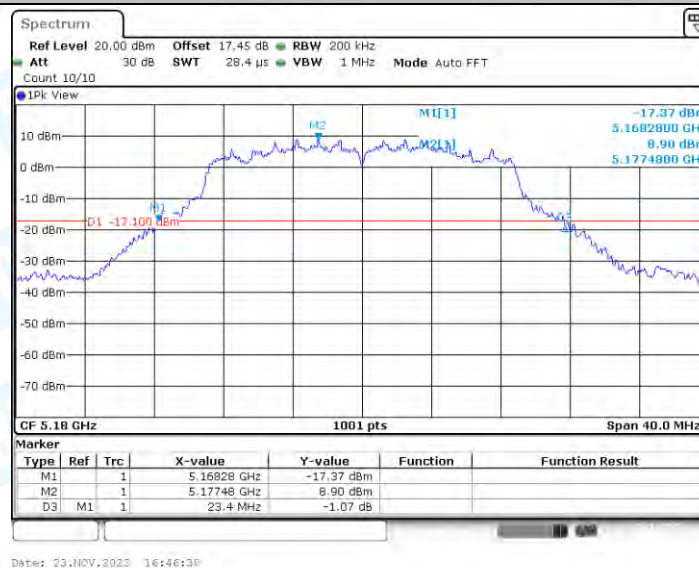
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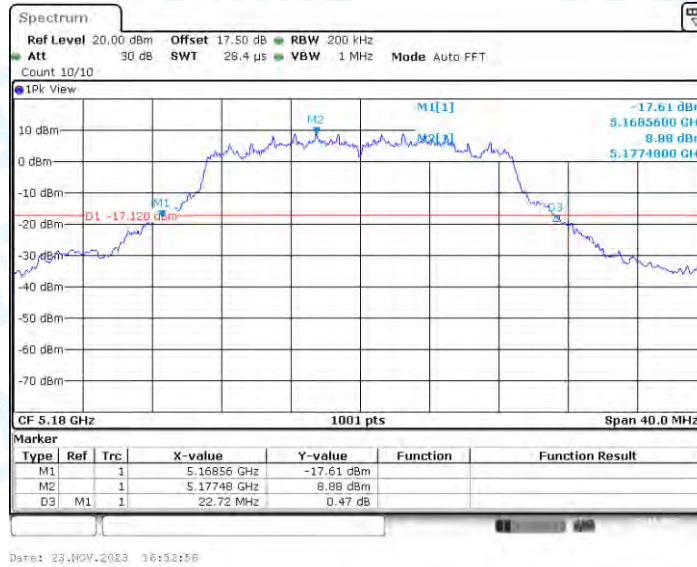
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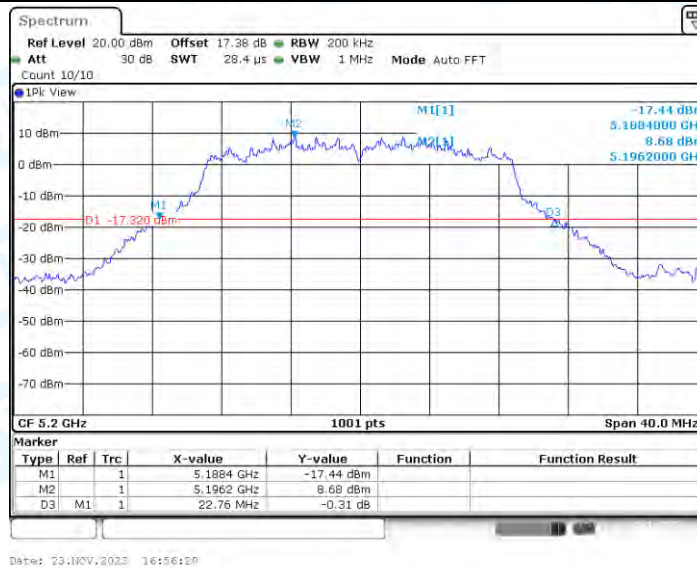
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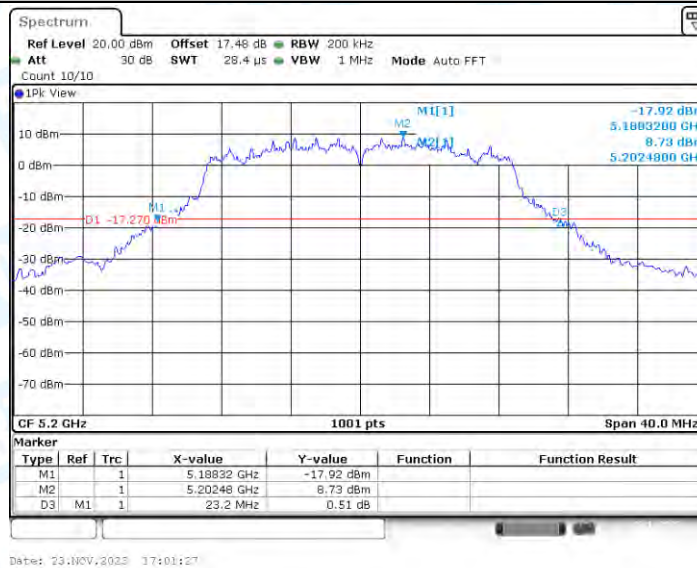
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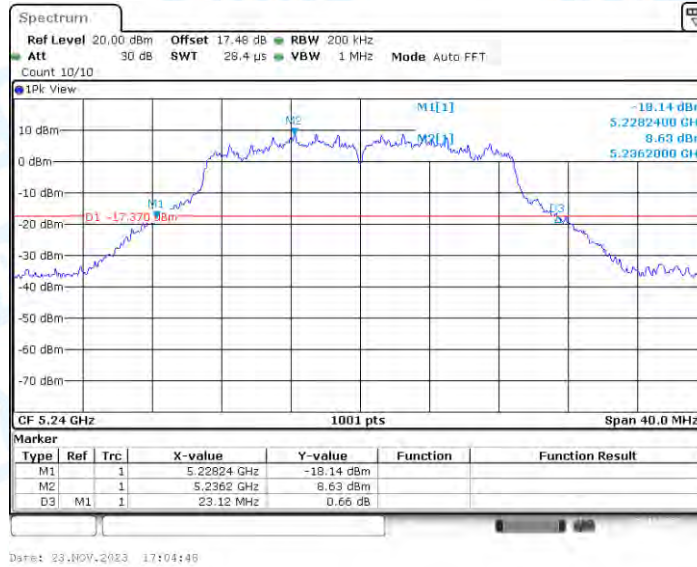
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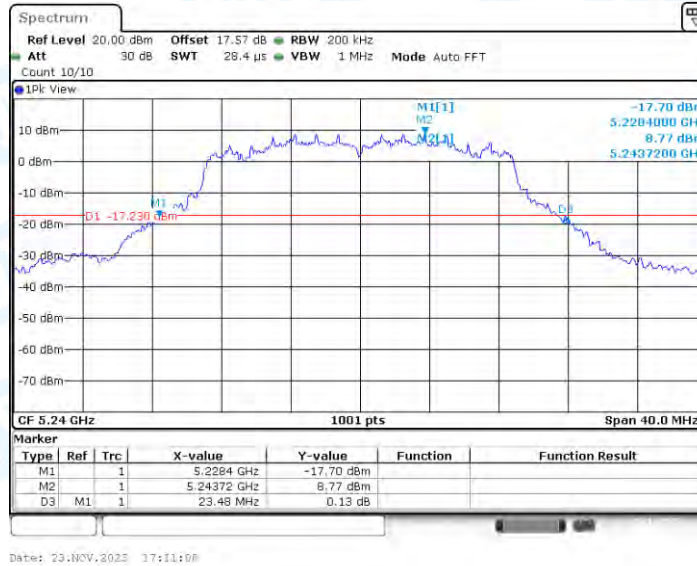
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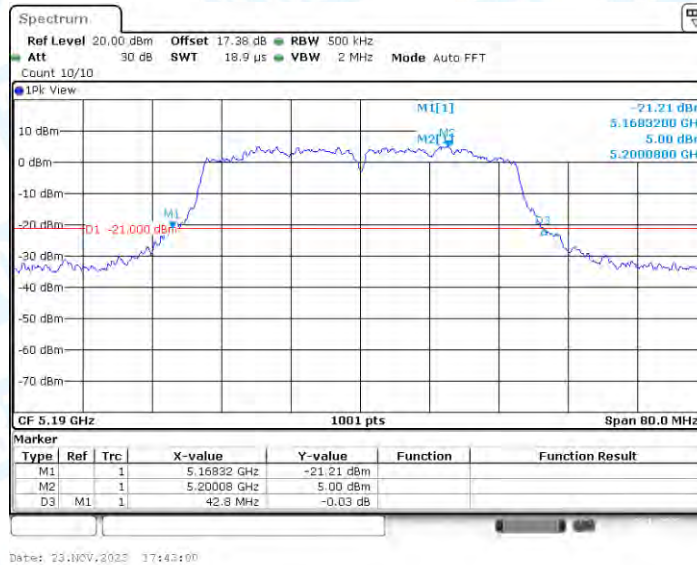
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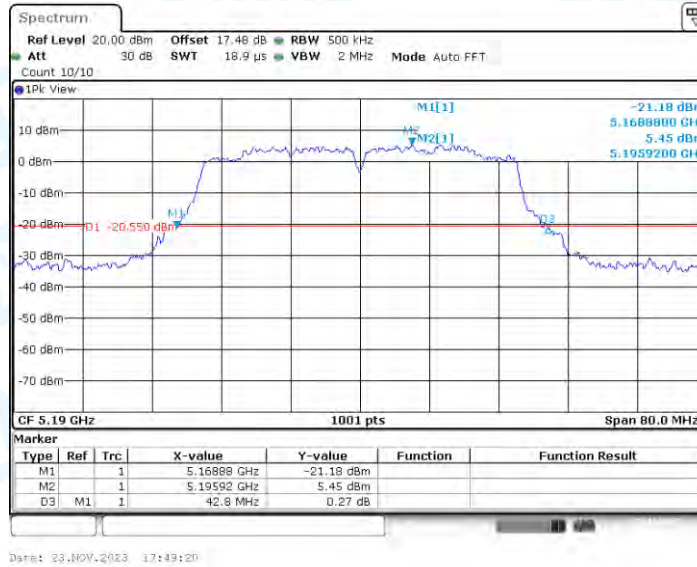
11AC20MIMO_Ant2_5240



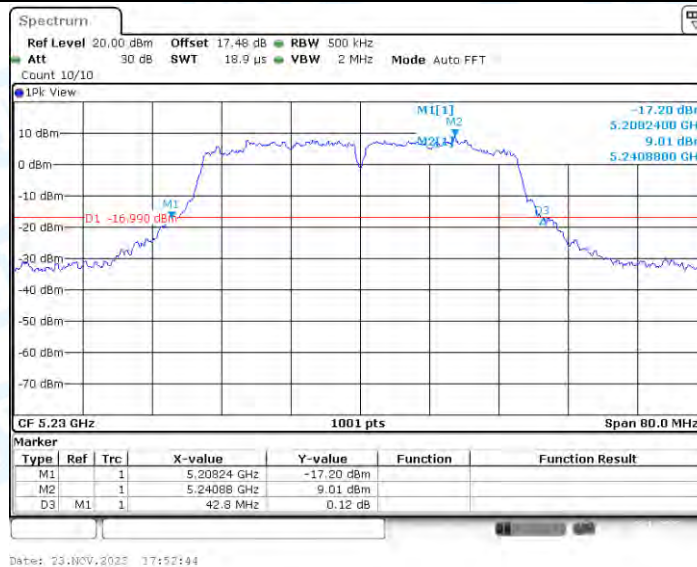
11AC40MIMO_Ant1_5190



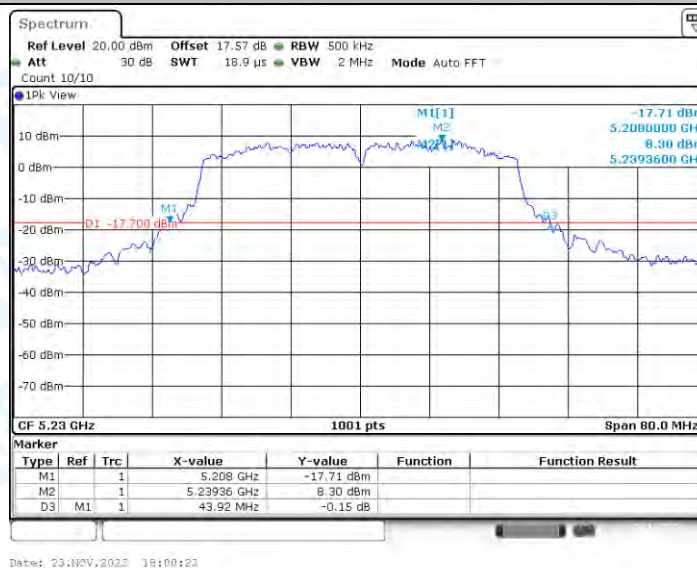
11AC40MIMO_Ant2_5190



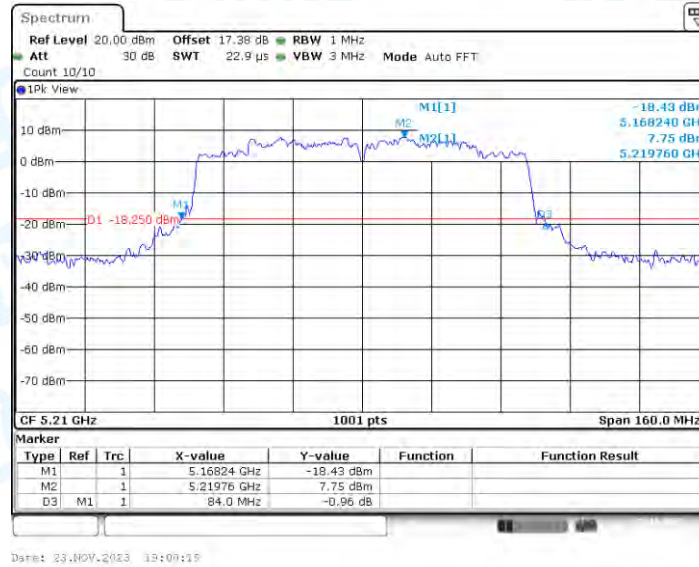
11AC40MIMO_Ant1_5230



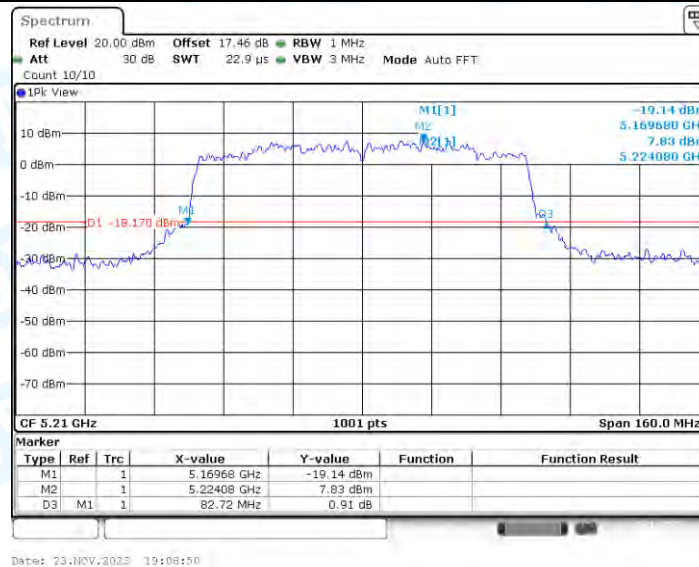
11AC40MIMO_Ant2_5230



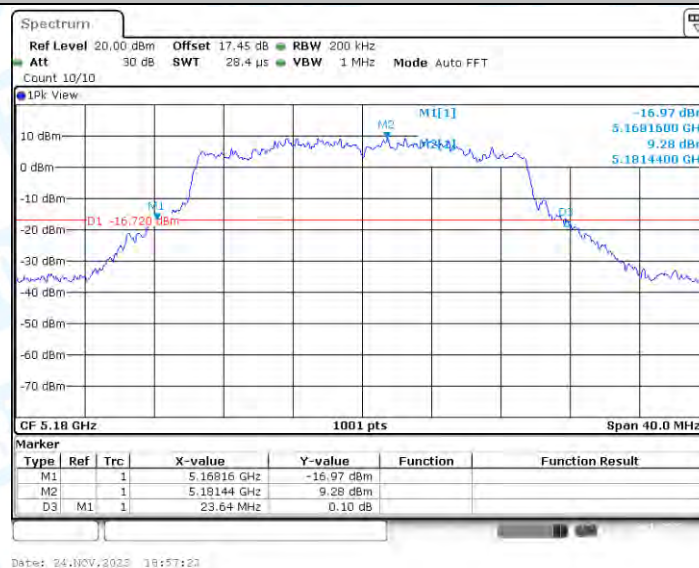
11AC80MIMO_Ant1_5210



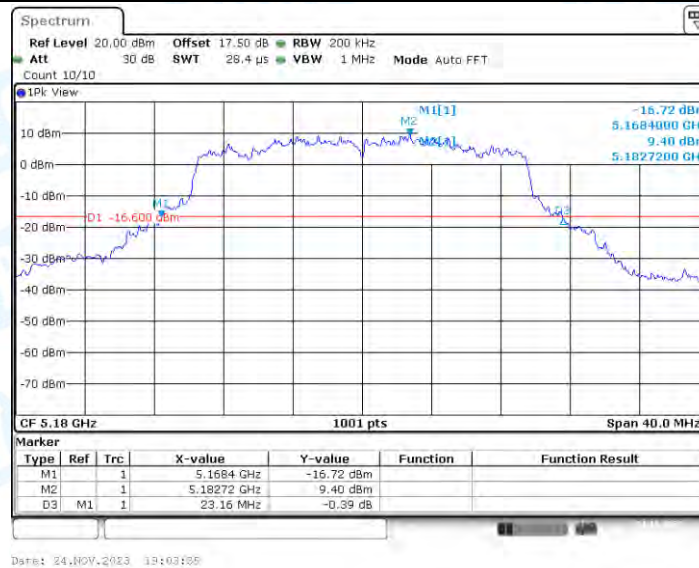
11AC80MIMO_Ant2_5210



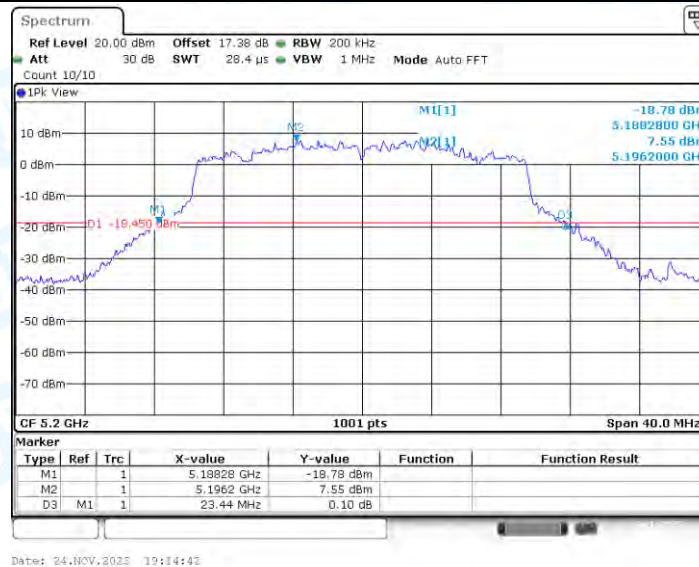
11AX20MIMO_Ant1_5180



11AX20MIMO_Ant2_5180



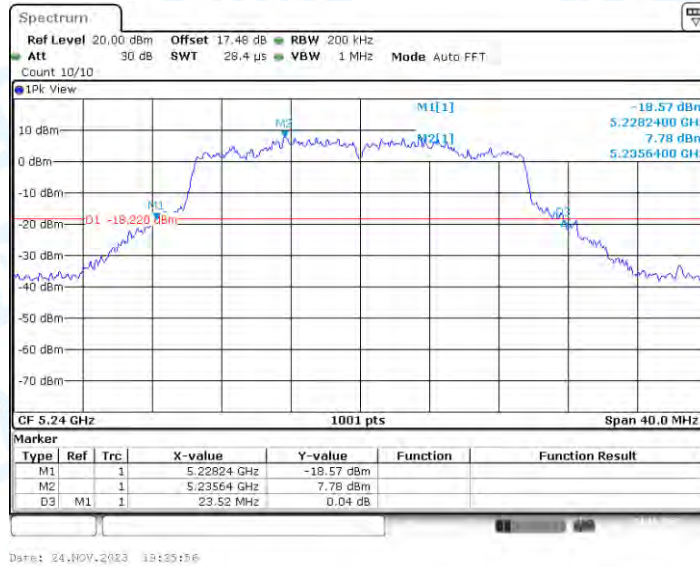
11AX20MIMO_Ant1_5200



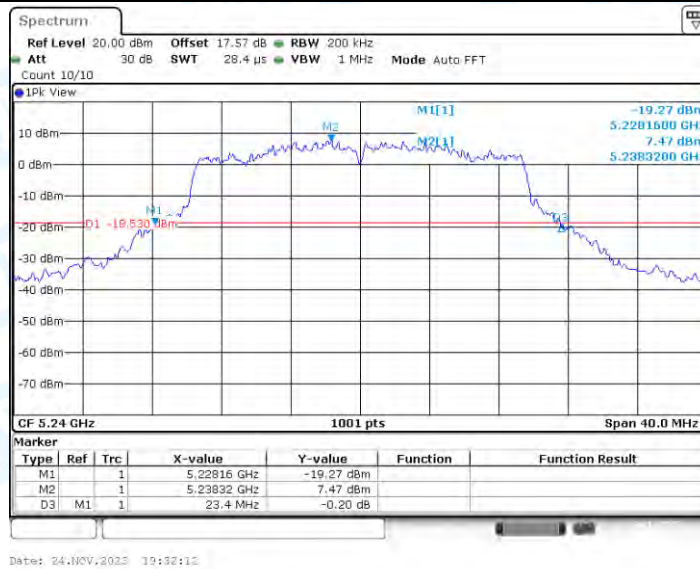
11AX20MIMO_Ant2_5200



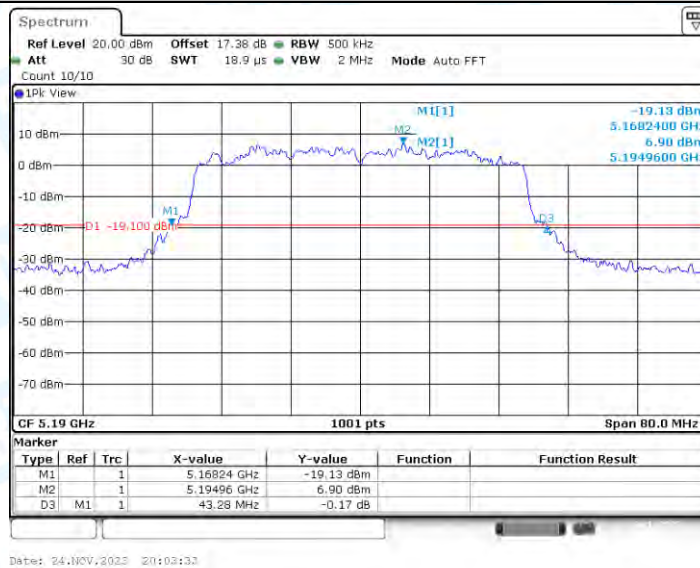
11AX20MIMO_Ant1_5240



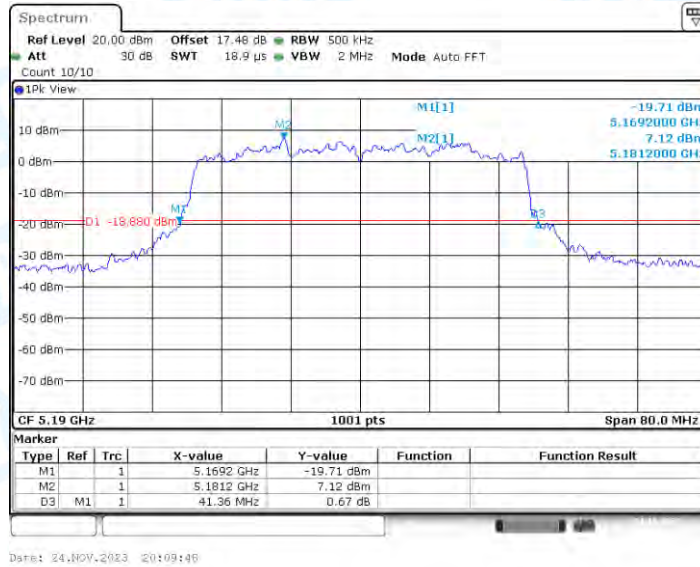
11AX20MIMO_Ant2_5240



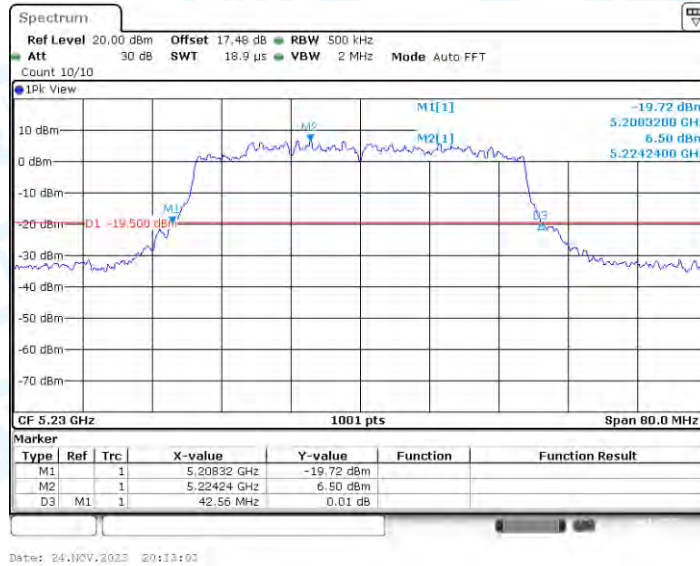
11AX40MIMO_Ant1_5190



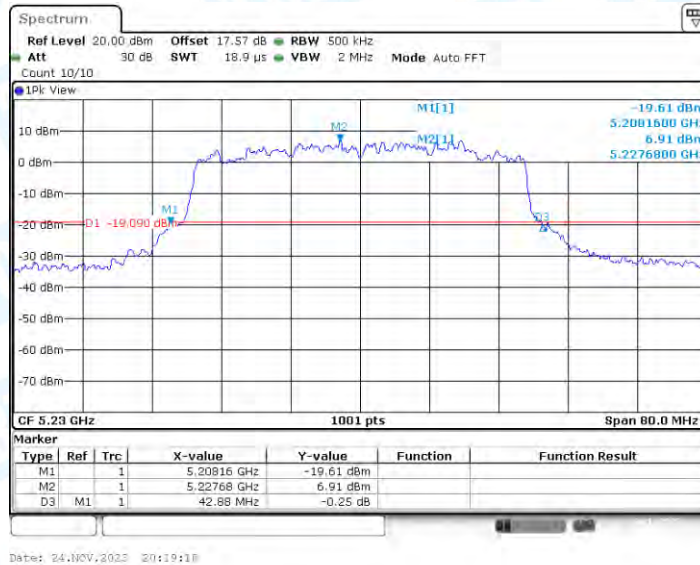
11AX40MIMO_Ant2_5190



11AX40MIMO_Ant1_5230



11AX40MIMO_Ant2_5230



11AX80MIMO_Ant1_5210



Date: 27.NOV.2023 16:19:31

11AX80MIMO_Ant2_5210



Date: 27.NOV.2023 16:27:17

2. Occupied channel bandwidth

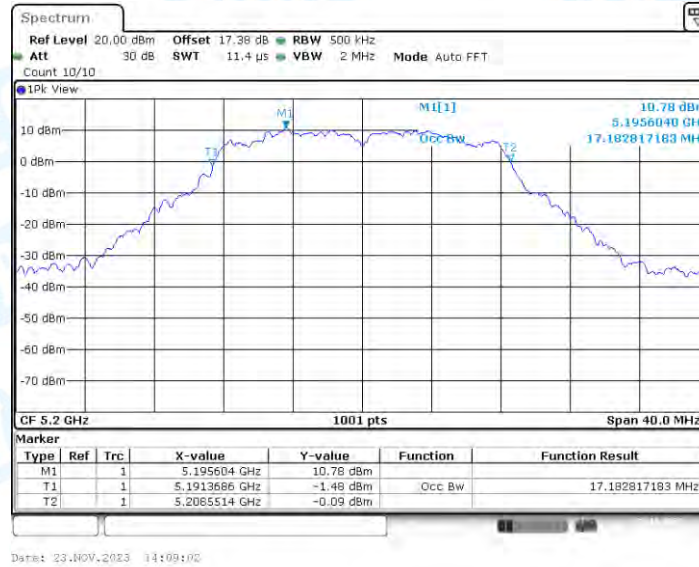
2.1. Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	17.343	5171.2887	5188.6314	---	---
	Ant2	5180	16.943	5171.4086	5188.3516	---	---
	Ant1	5200	17.183	5191.3686	5208.5514	---	---
	Ant2	5200	16.863	5191.5684	5208.4316	---	---
	Ant1	5240	16.943	5231.5285	5248.4715	---	---
	Ant2	5240	16.863	5231.6484	5248.5115	---	---
	Ant1	5745	17.502	5736.1688	5753.6713	---	---
	Ant2	5745	16.823	5736.5684	5753.3916	---	---
	Ant1	5785	17.143	5776.2488	5793.3916	---	---
	Ant2	5785	16.823	5776.5684	5793.3916	---	---
	Ant1	5825	16.863	5816.4885	5833.3516	---	---
	Ant2	5825	17.183	5816.2887	5833.4715	---	---
11N20MIMO	Ant1	5180	18.142	5171.0090	5189.1508	---	---
	Ant2	5180	17.902	5171.0490	5188.9510	---	---
	Ant1	5200	17.942	5190.9690	5208.9111	---	---
	Ant2	5200	17.902	5191.0090	5208.9111	---	---
	Ant1	5240	17.942	5230.9690	5248.9111	---	---
	Ant2	5240	17.862	5230.9690	5248.8312	---	---
	Ant1	5745	17.942	5736.0490	5753.9910	---	---
	Ant2	5745	17.982	5735.8492	5753.8312	---	---
	Ant1	5785	17.862	5776.0090	5793.8711	---	---
	Ant2	5785	18.102	5776.0490	5794.1508	---	---
	Ant1	5825	18.022	5815.9291	5833.9510	---	---
	Ant2	5825	18.102	5815.8891	5833.9910	---	---
11N40MIMO	Ant1	5190	36.204	5171.7782	5207.9820	---	---
	Ant2	5190	36.044	5171.9381	5207.9820	---	---
	Ant1	5230	36.124	5211.9381	5248.0619	---	---
	Ant2	5230	36.204	5211.7782	5247.9820	---	---
	Ant1	5755	36.444	5736.8581	5773.3017	---	---
	Ant2	5755	36.284	5736.9381	5773.2218	---	---
	Ant1	5795	36.124	5776.8581	5812.9820	---	---
	Ant2	5795	36.124	5777.0180	5813.1419	---	---
11AC20MIMO	Ant1	5180	18.102	5171.0490	5189.1508	---	---
	Ant2	5180	17.782	5171.0889	5188.8711	---	---
	Ant1	5200	17.902	5190.9690	5208.8711	---	---
	Ant2	5200	18.062	5190.9291	5208.9910	---	---
	Ant1	5240	18.142	5230.7692	5248.9111	---	---
	Ant2	5240	17.902	5231.0490	5248.9510	---	---
	Ant1	5745	17.902	5735.9690	5753.8711	---	---
	Ant2	5745	17.862	5736.0090	5753.8711	---	---

	Ant1	5785	18.182	5775.8891	5794.0709	---	---
	Ant2	5785	17.782	5776.0490	5793.8312	---	---
	Ant1	5825	18.022	5815.9690	5833.9910	---	---
	Ant2	5825	17.822	5816.0490	5833.8711	---	---
11AC40MIMO	Ant1	5190	36.124	5171.8581	5207.9820	---	---
	Ant2	5190	36.124	5171.9381	5208.0619	---	---
	Ant1	5230	36.444	5211.6983	5248.1419	---	---
	Ant2	5230	36.444	5211.6184	5248.0619	---	---
	Ant1	5755	36.124	5736.9381	5773.0619	---	---
	Ant2	5755	36.204	5736.7782	5772.9820	---	---
	Ant1	5795	36.124	5776.8581	5812.9820	---	---
	Ant2	5795	36.044	5776.9381	5812.9820	---	---
11AC80MIMO	Ant1	5210	75.445	5172.2777	5247.7223	---	---
	Ant2	5210	74.965	5172.7572	5247.7223	---	---
	Ant1	5775	75.445	5737.1179	5812.5624	---	---
	Ant2	5775	74.965	5737.5974	5812.5624	---	---
11AX20MIMO	Ant1	5180	19.061	5170.4496	5189.5105	---	---
	Ant2	5180	19.061	5170.4496	5189.5105	---	---
	Ant1	5200	19.061	5190.4496	5209.5105	---	---
	Ant2	5200	18.981	5190.4895	5209.4705	---	---
	Ant1	5240	18.861	5230.5295	5249.3906	---	---
	Ant2	5240	18.941	5230.4895	5249.4306	---	---
	Ant1	5745	19.021	5735.4496	5754.4705	---	---
	Ant2	5745	19.061	5735.4096	5754.4705	---	---
	Ant1	5785	18.981	5775.4496	5794.4306	---	---
	Ant2	5785	19.061	5775.4895	5794.5504	---	---
	Ant1	5825	18.941	5815.4895	5834.4306	---	---
	Ant2	5825	18.861	5815.5295	5834.3906	---	---
11AX40MIMO	Ant1	5190	37.403	5171.2188	5208.6214	---	---
	Ant2	5190	38.042	5170.9790	5209.0210	---	---
	Ant1	5230	37.882	5210.9790	5248.8611	---	---
	Ant2	5230	37.562	5211.2188	5248.7812	---	---
	Ant1	5755	37.483	5736.2188	5773.7013	---	---
	Ant2	5755	37.483	5736.2987	5773.7812	---	---
	Ant1	5795	37.642	5775.8991	5813.5415	---	---
	Ant2	5795	37.642	5776.1389	5813.7812	---	---
11AX80MIMO	Ant1	5210	77.203	5170.9990	5248.2018	---	---
	Ant2	5210	76.723	5171.4785	5248.2018	---	---
	Ant1	5775	76.404	5736.6384	5813.0420	---	---
	Ant2	5775	76.084	5736.7982	5812.8821	---	---

2.2. Test Graphs

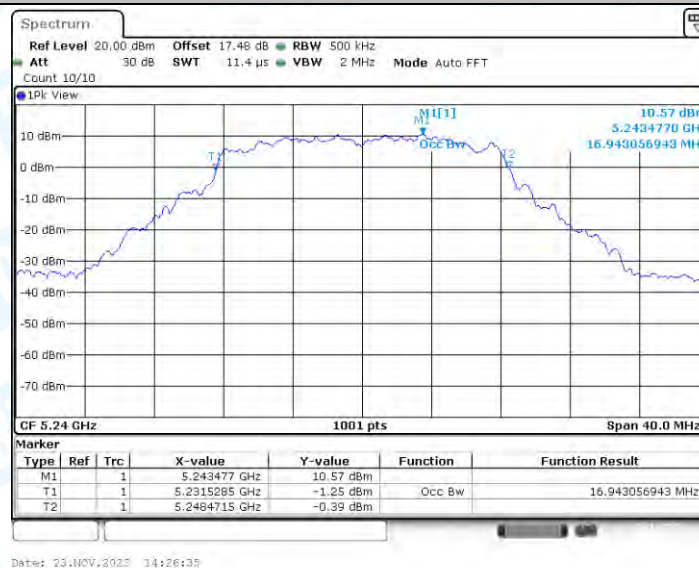




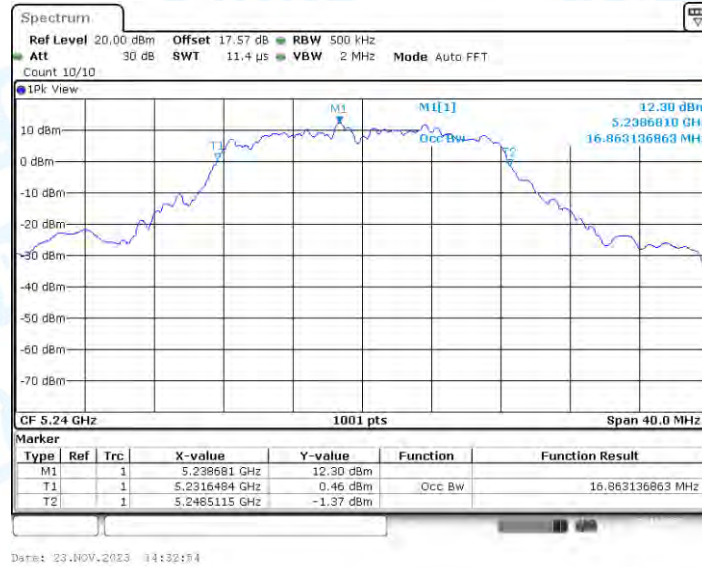
11A-CDD_Ant2_5200



11A-CDD_Ant1_5240



11A-CDD_Ant2_5240



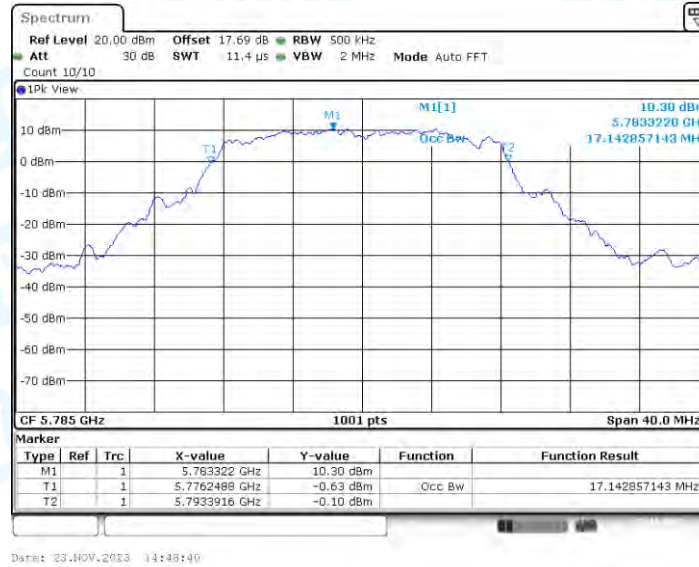
11A-CDD_Ant1_5745



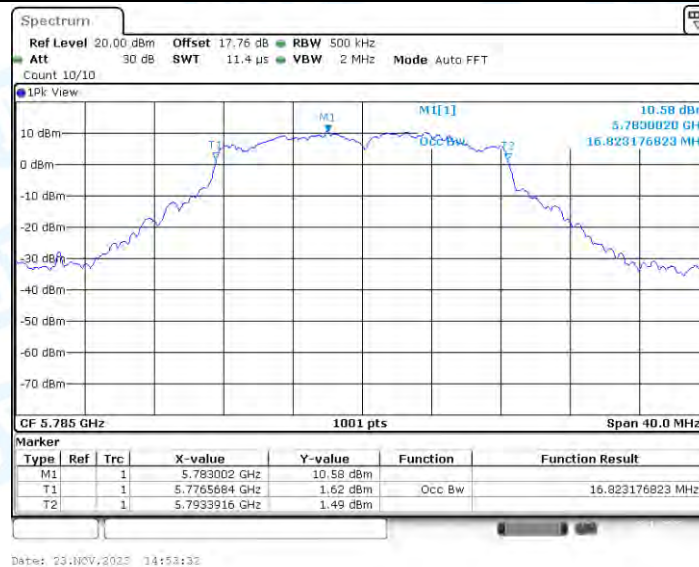
11A-CDD_Ant2_5745



11A-CDD_Ant1_5785



11A-CDD_Ant2_5785



11A-CDD_Ant1_5825



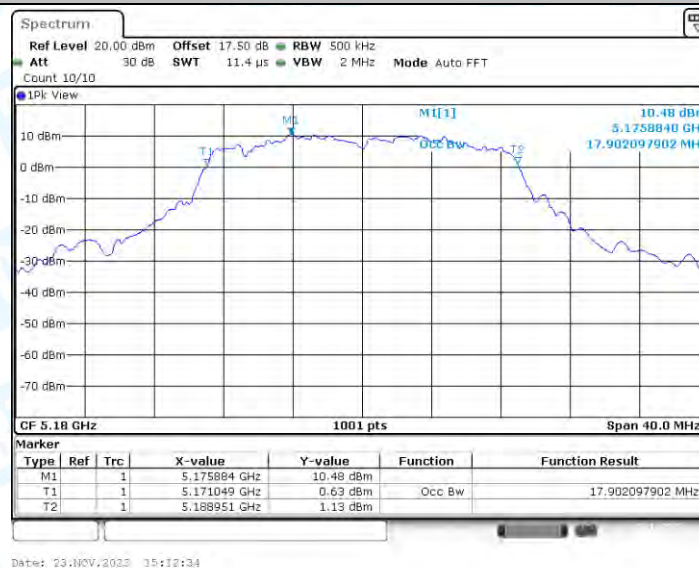
11A-CDD_Ant2_5825



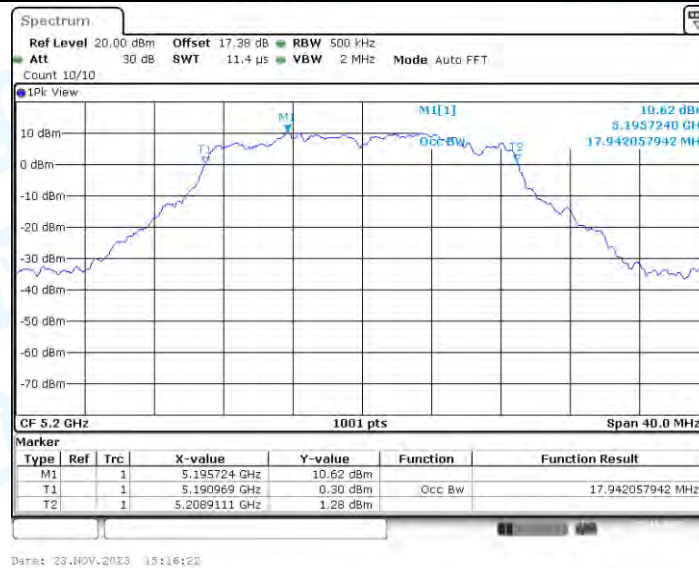
11N20MIMO_Ant1_5180



11N20MIMO_Ant2_5180



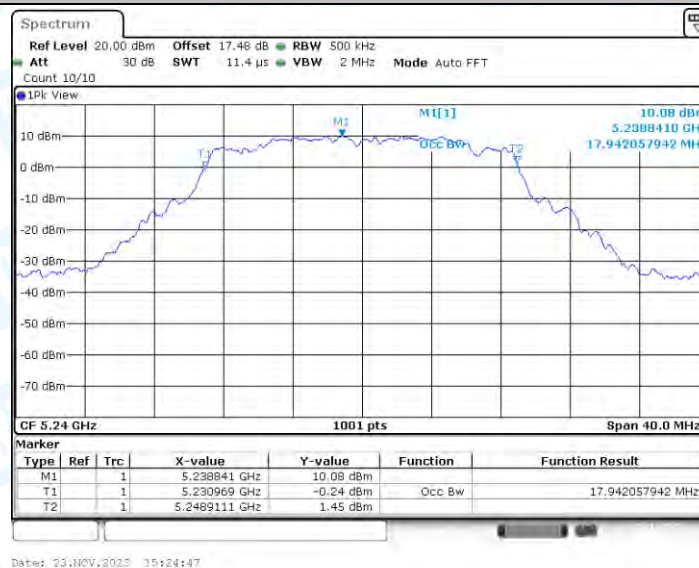
11N20MIMO_Ant1_5200



11N20MIMO_Ant2_5200



11N20MIMO_Ant1_5240



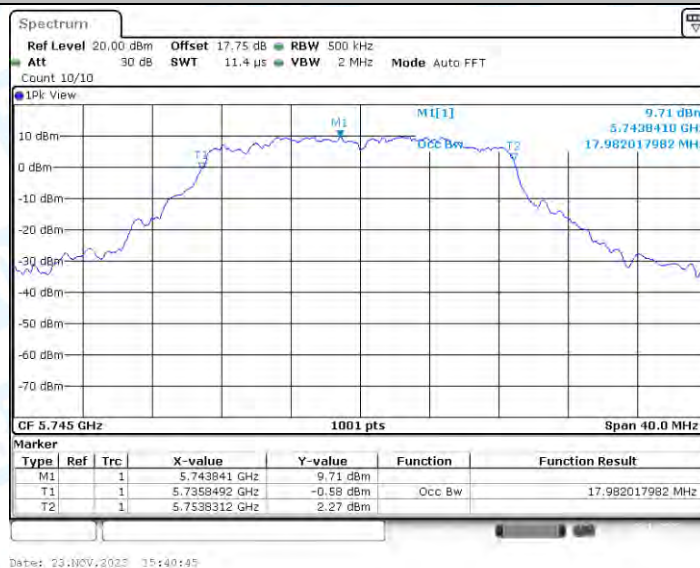
11N20MIMO_Ant2_5240



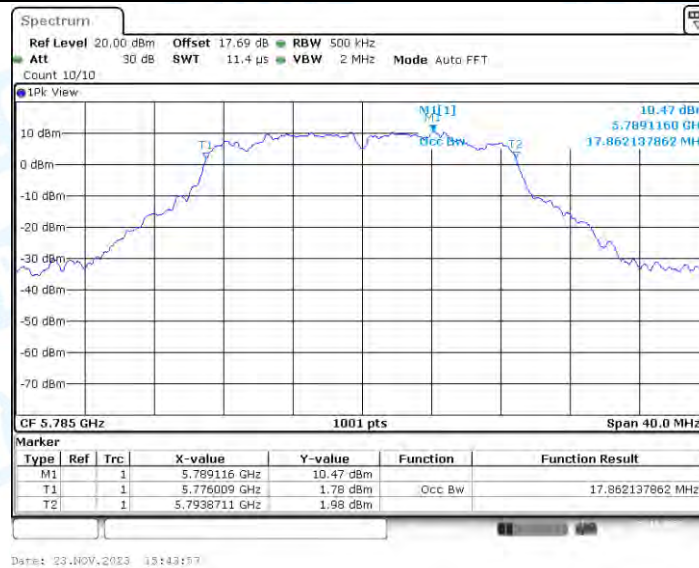
11N20MIMO_Ant1_5745



11N20MIMO_Ant2_5745



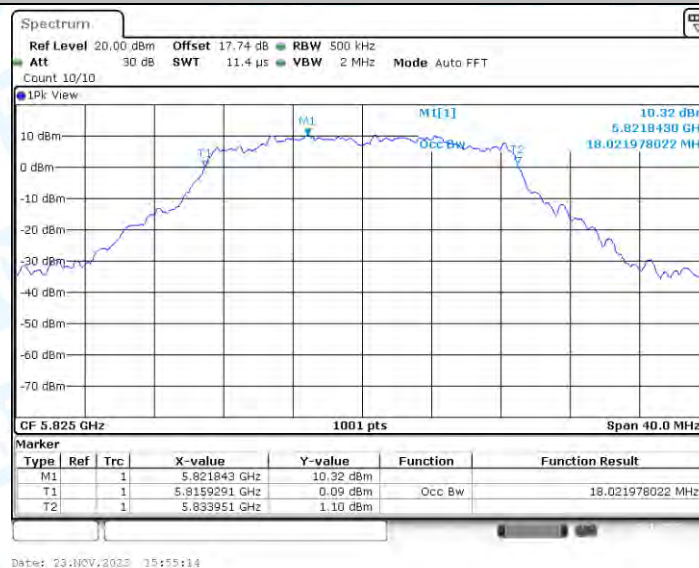
11N20MIMO_Ant1_5785



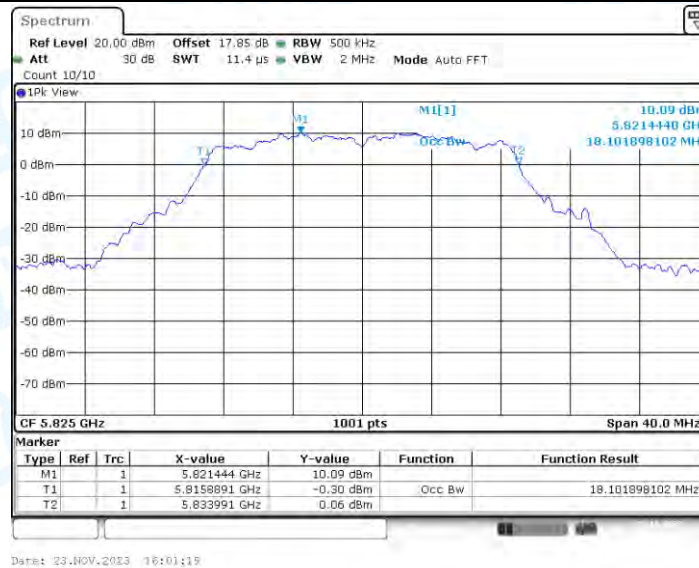
11N20MIMO_Ant2_5785



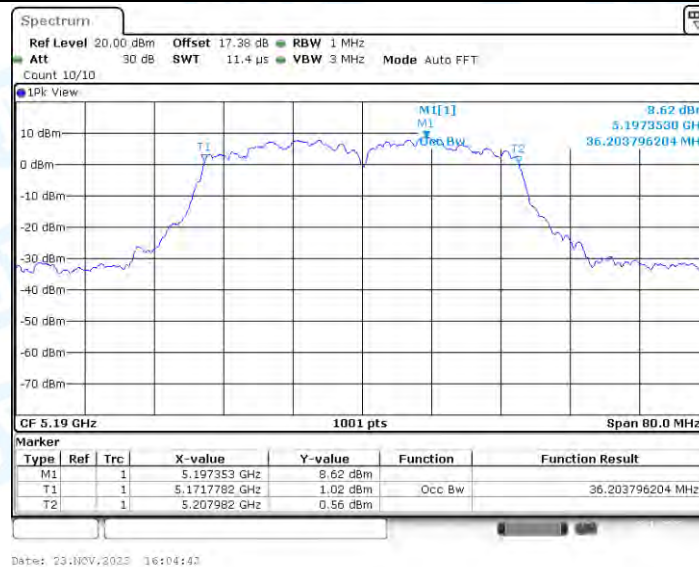
11N20MIMO_Ant1_5825



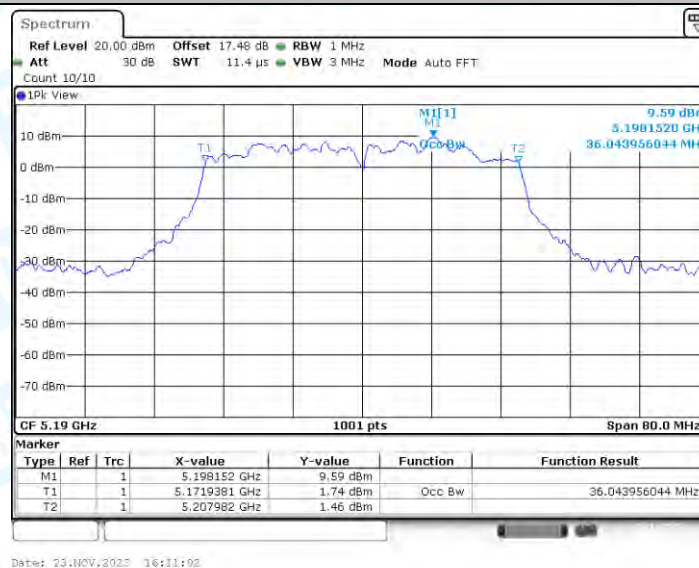
11N20MIMO_Ant2_5825



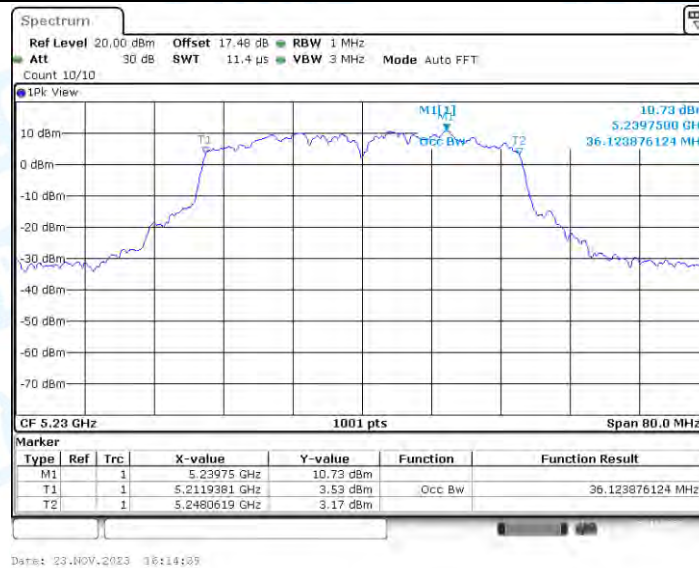
11N40MIMO_Ant1_5190



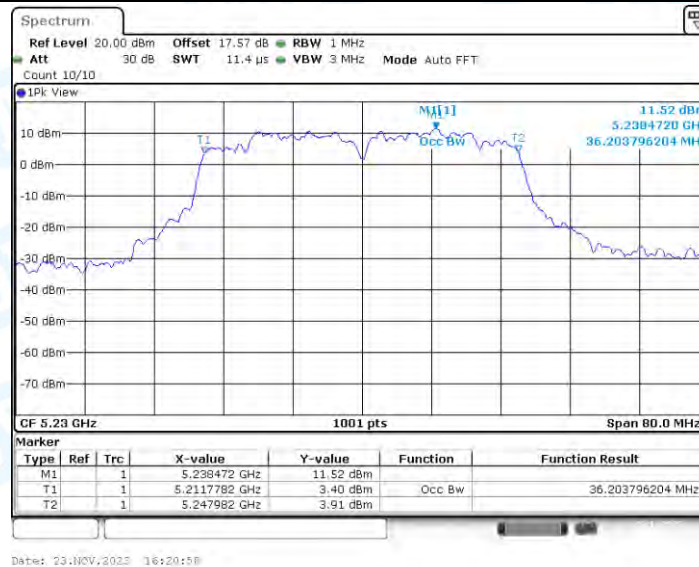
11N40MIMO_Ant2_5190



11N40MIMO_Ant1_5230



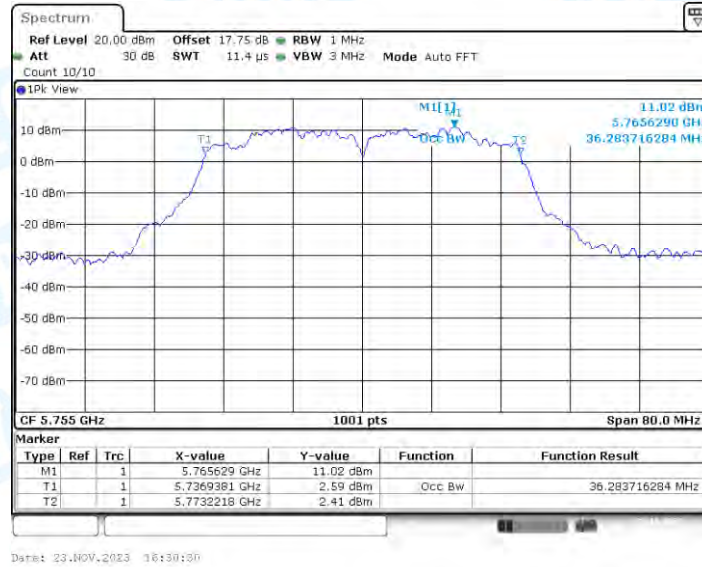
11N40MIMO_Ant2_5230



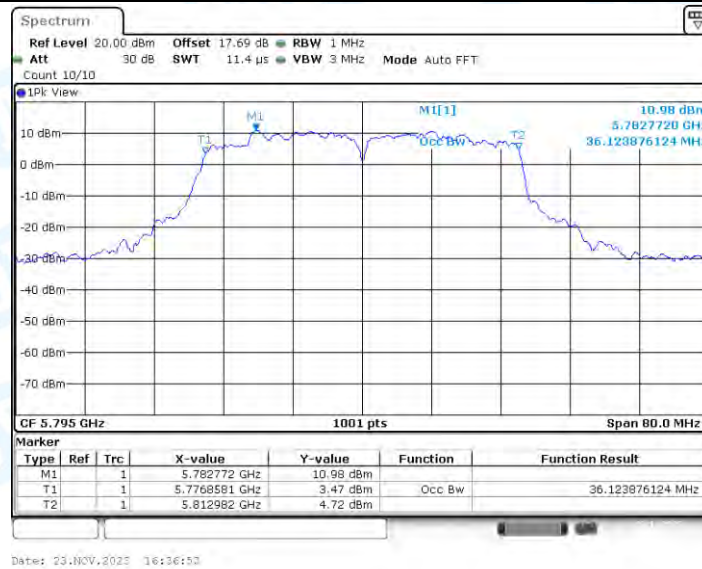
11N40MIMO_Ant1_5755



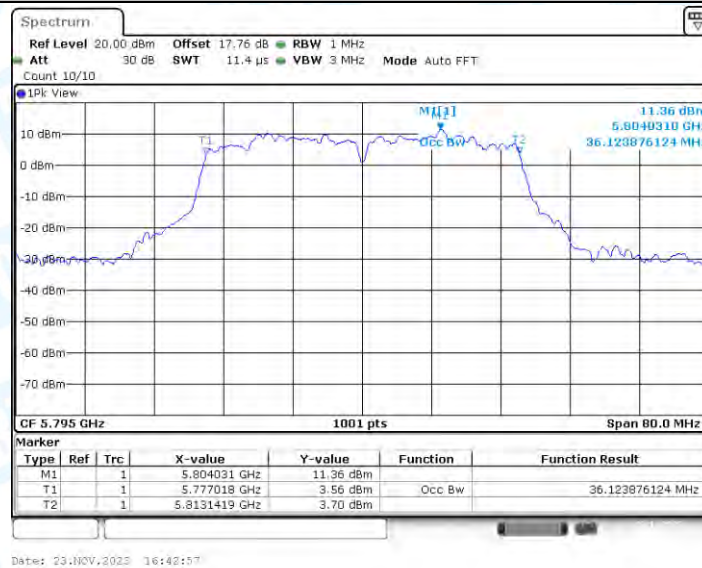
11N40MIMO_Ant2_5755



11N40MIMO_Ant1_5795



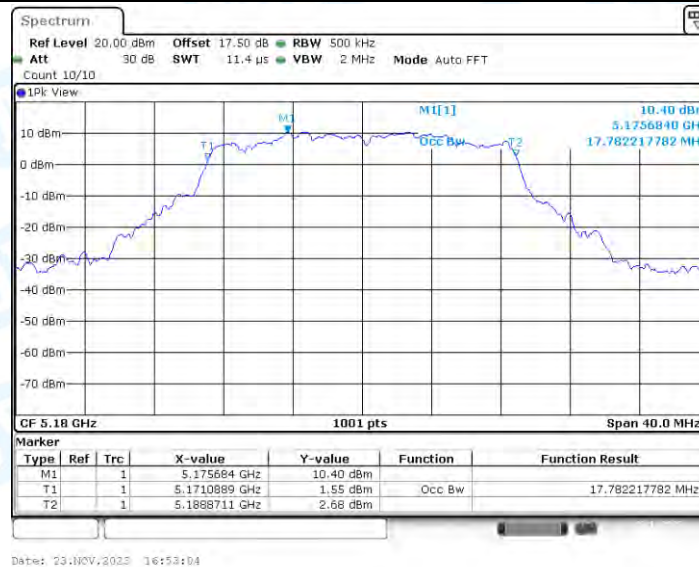
11N40MIMO_Ant2_5795



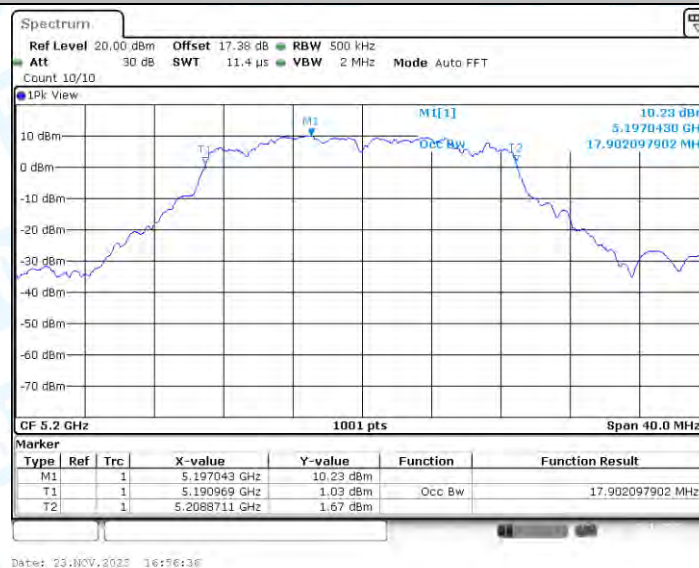
11AC20MIMO_Ant1_5180



11AC20MIMO_Ant2_5180



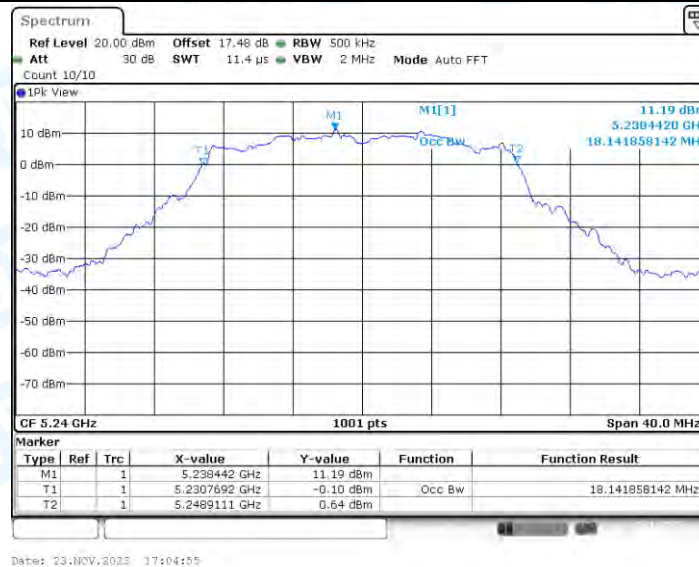
11AC20MIMO_Ant1_5200



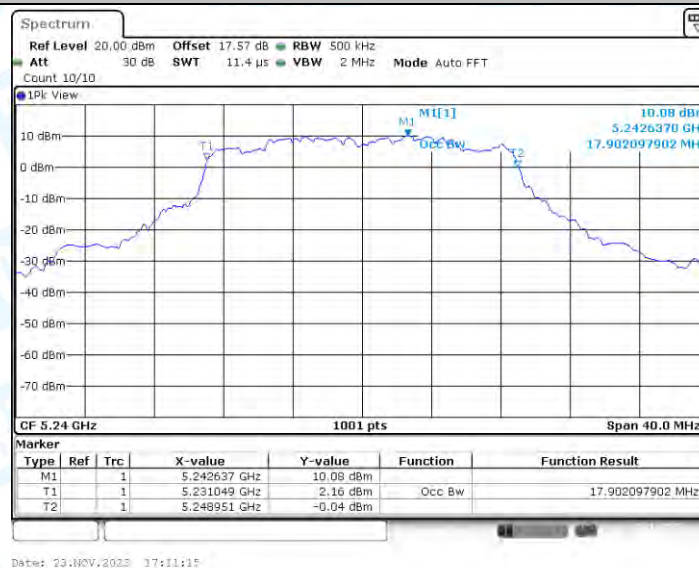
11AC20MIMO_Ant2_5200



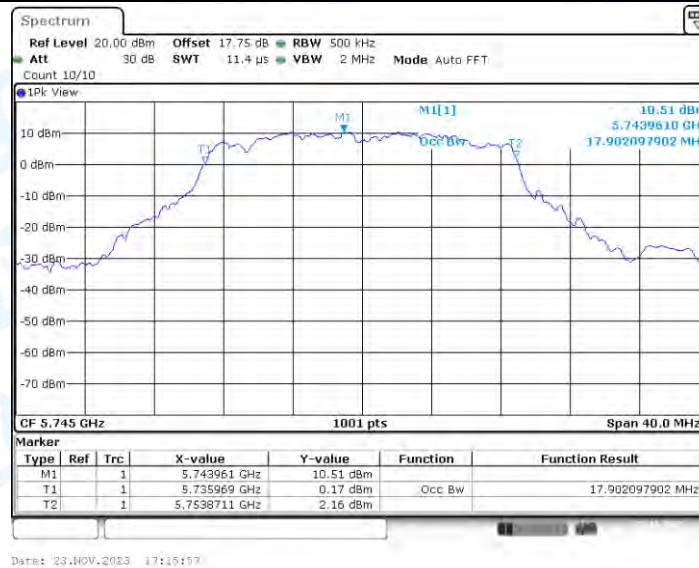
11AC20MIMO_Ant1_5240



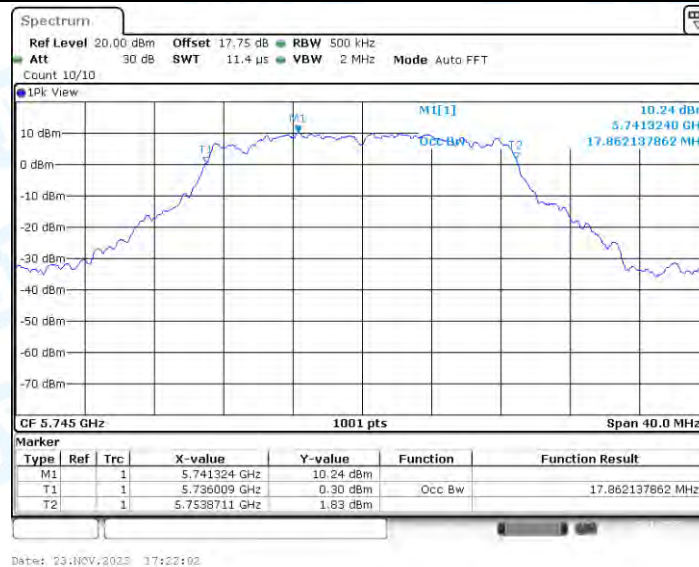
11AC20MIMO_Ant2_5240



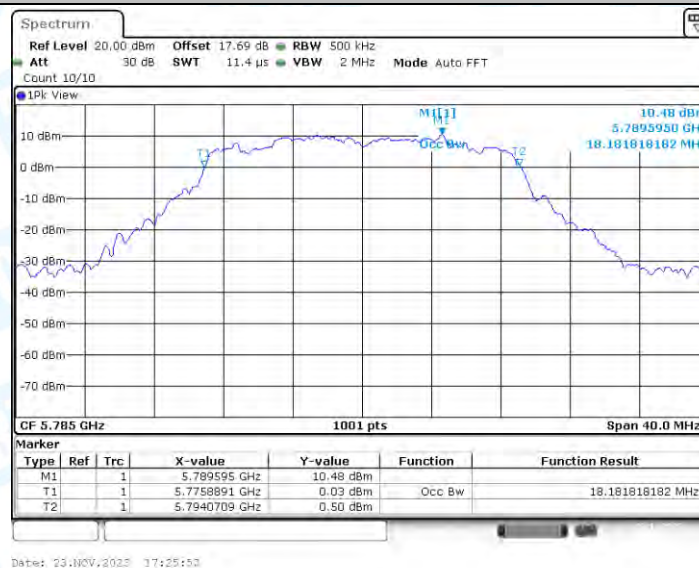
11AC20MIMO_Ant1_5745



11AC20MIMO_Ant2_5745



11AC20MIMO_Ant1_5785



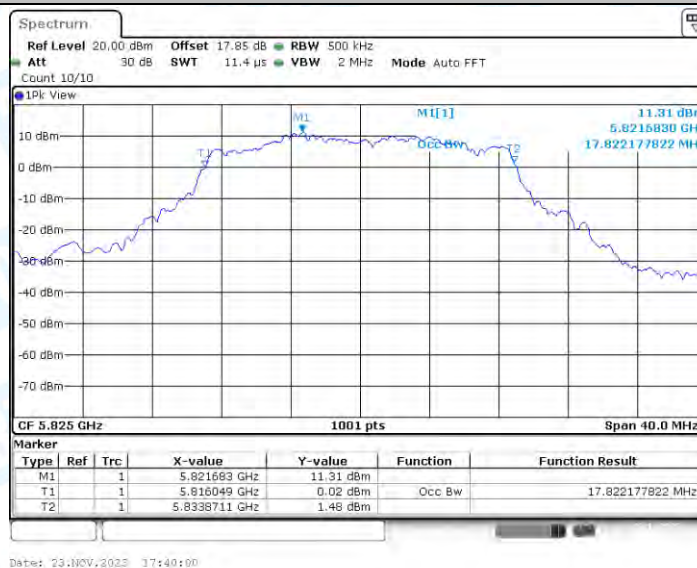
11AC20MIMO_Ant2_5785



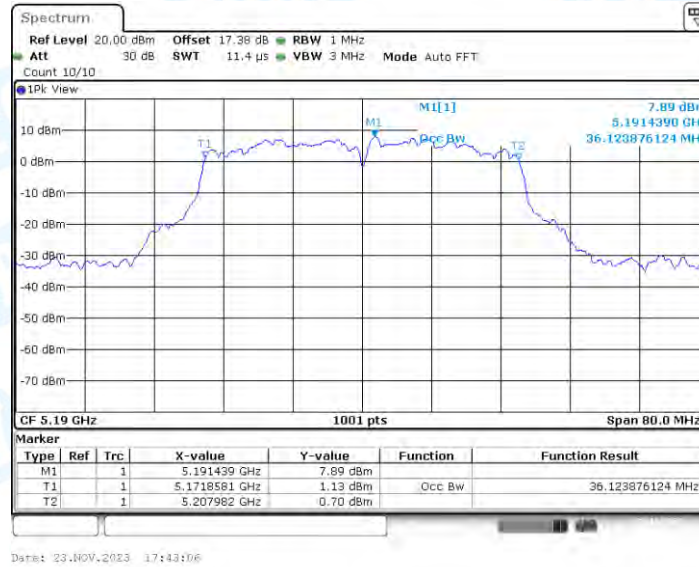
11AC20MIMO_Ant1_5825



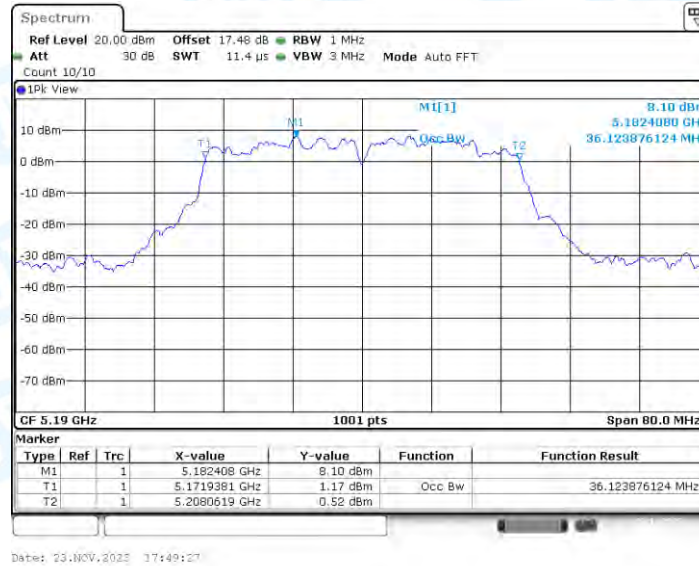
11AC20MIMO_Ant2_5825



11AC40MIMO_Ant1_5190



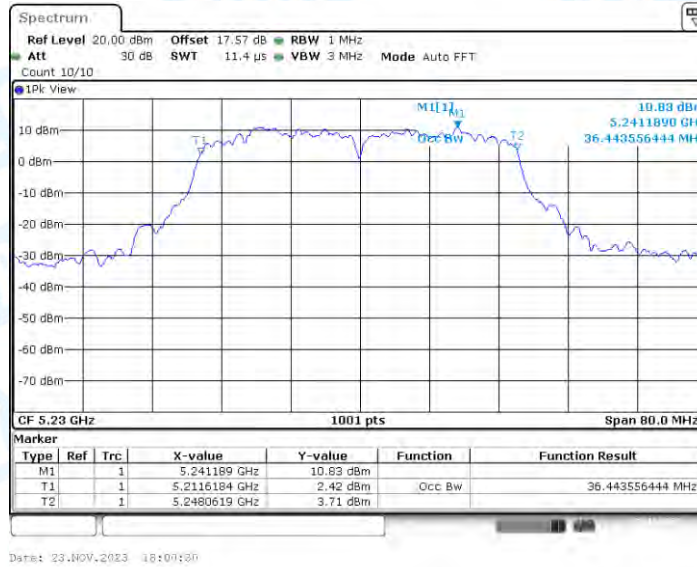
11AC40MIMO_Ant2_5190



11AC40MIMO_Ant1_5230



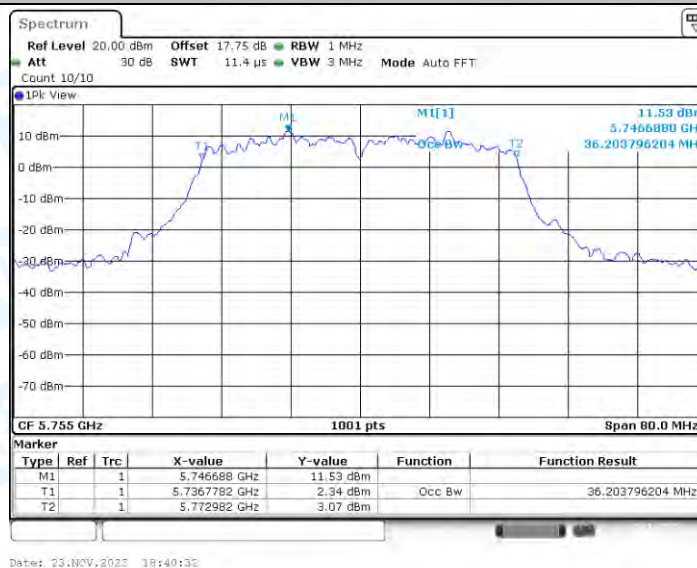
11AC40MIMO_Ant2_5230



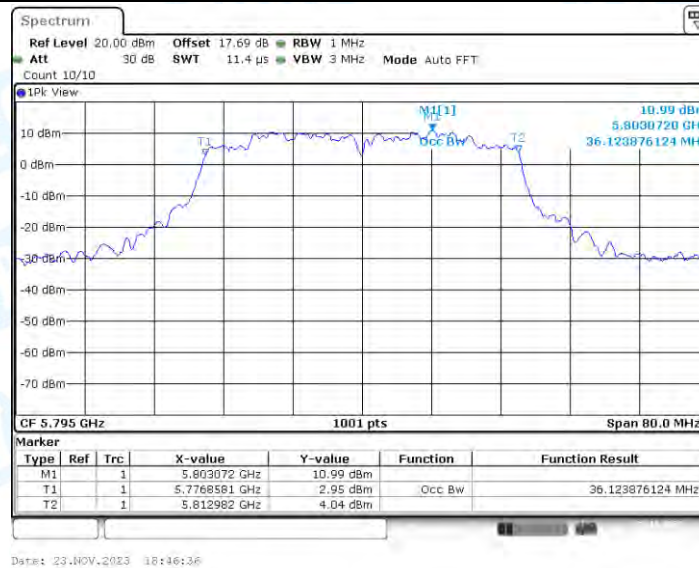
11AC40MIMO_Ant1_5755



11AC40MIMO_Ant2_5755



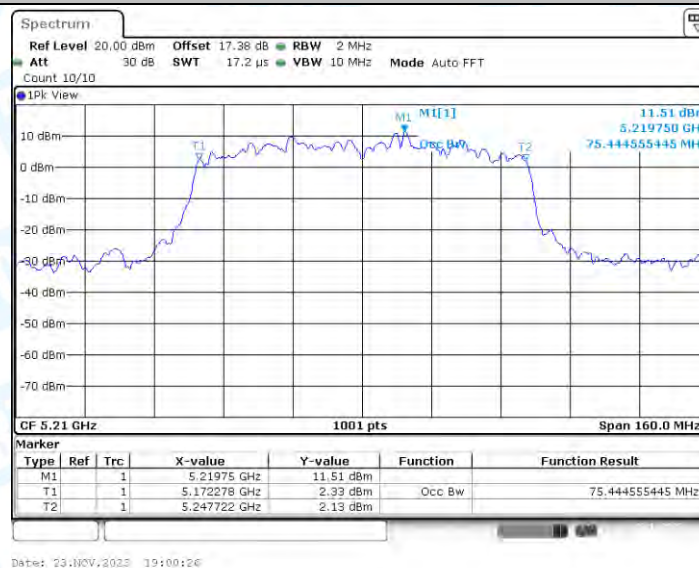
11AC40MIMO_Ant1_5795



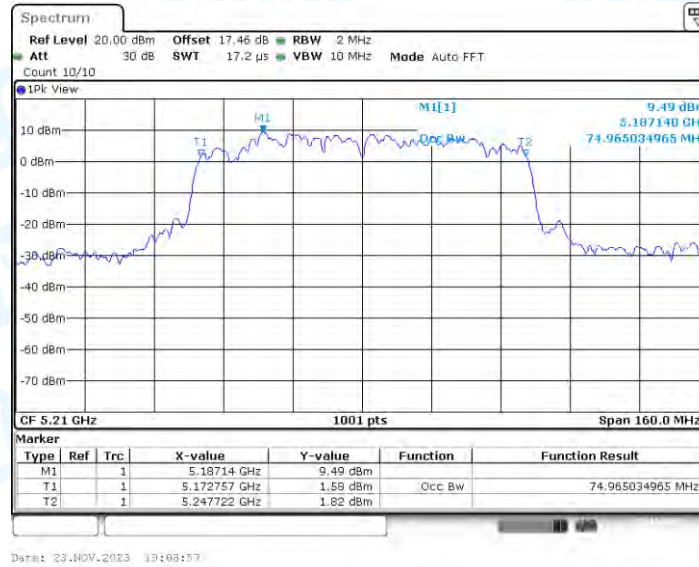
11AC40MIMO_Ant2_5795



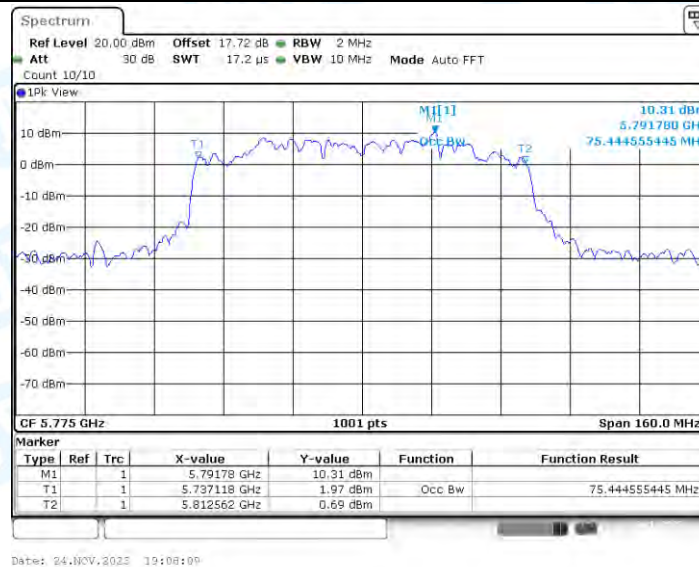
11AC80MIMO_Ant1_5210



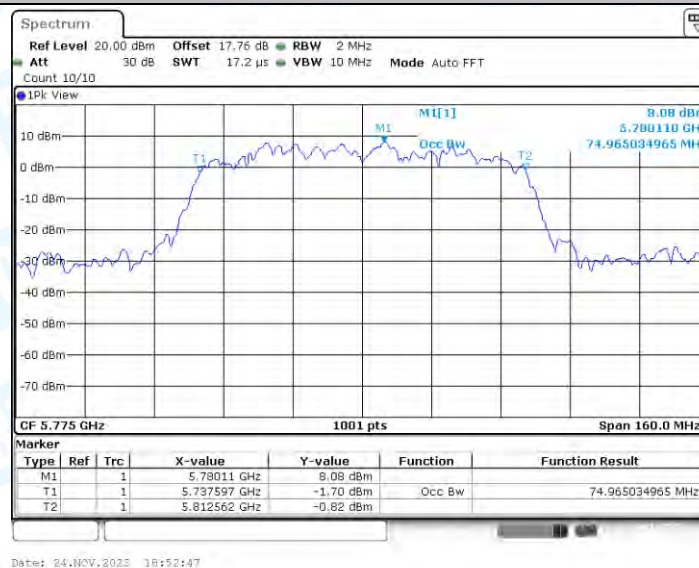
11AC80MIMO_Ant2_5210



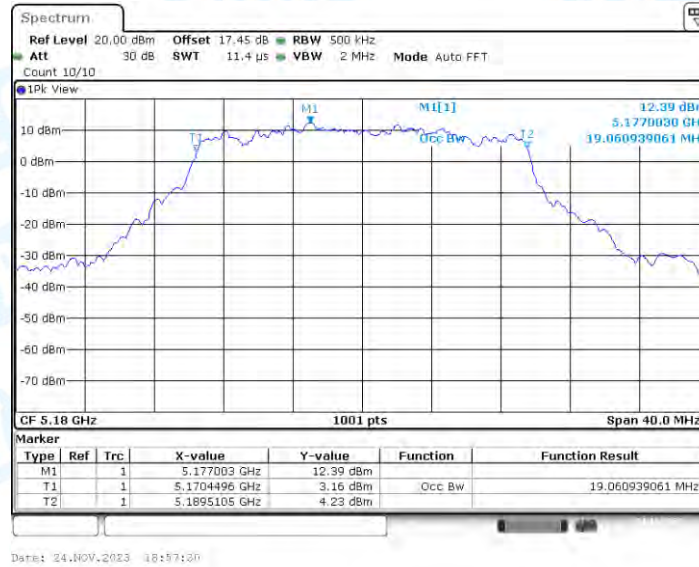
11AC80MIMO_Ant1_5775



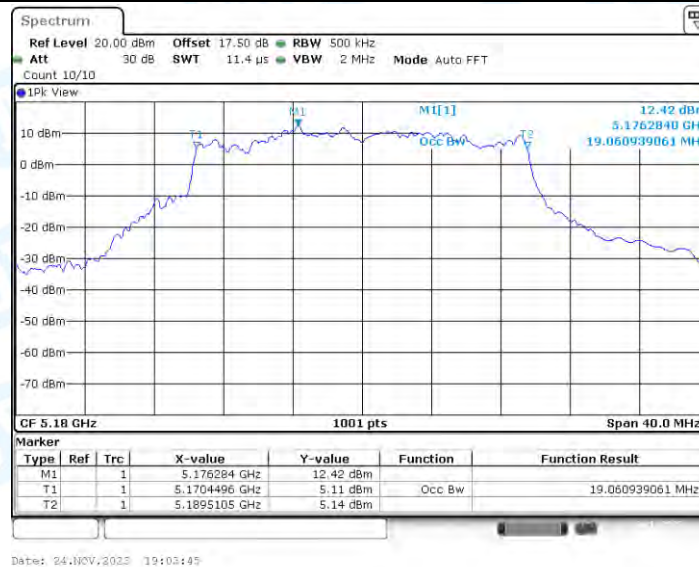
11AC80MIMO_Ant2_5775



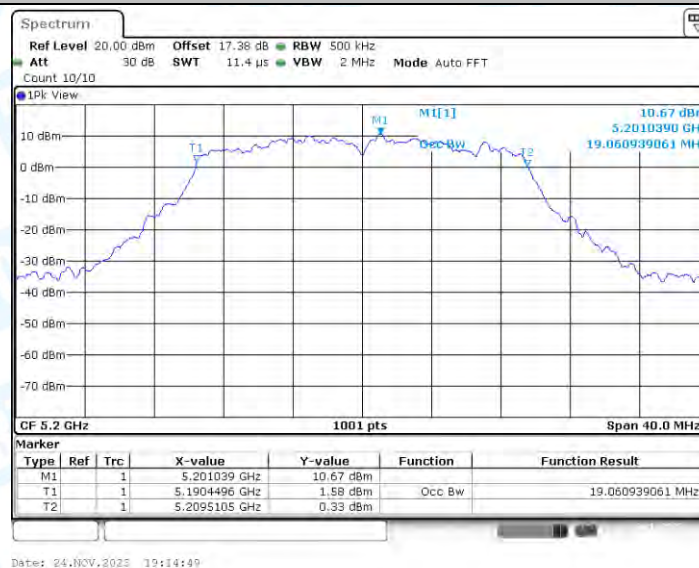
11AX20MIMO_Ant1_5180



11AX20MIMO_Ant2_5180



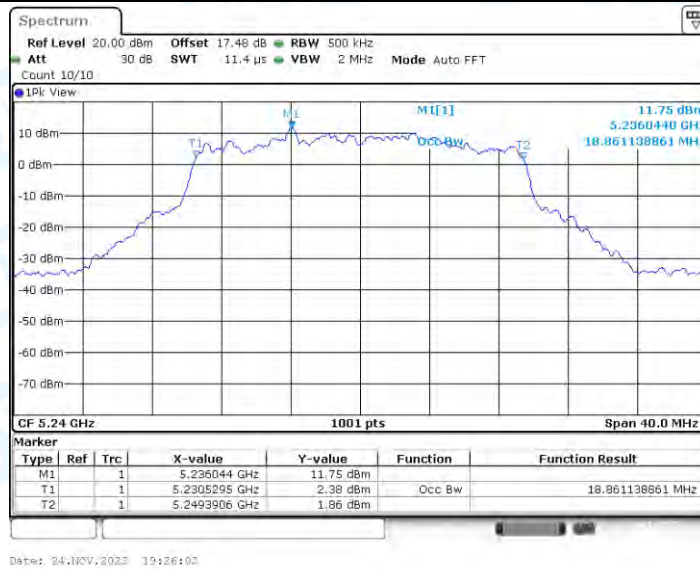
11AX20MIMO_Ant1_5200



11AX20MIMO_Ant2_5200



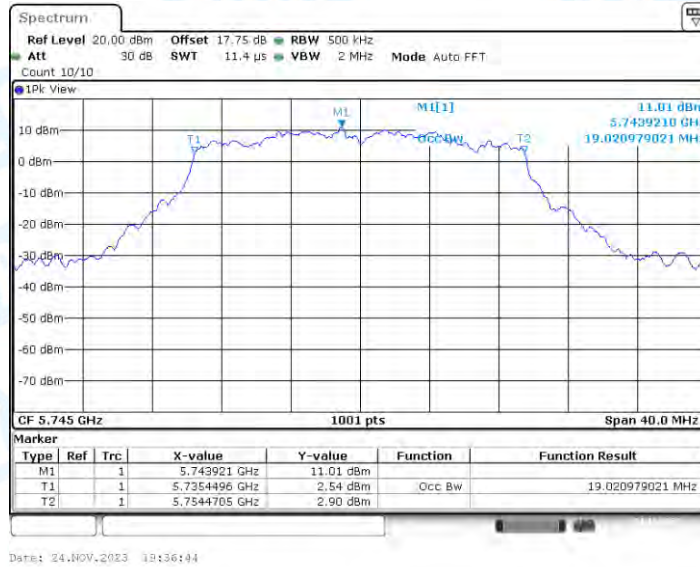
11AX20MIMO_Ant1_5240



11AX20MIMO_Ant2_5240



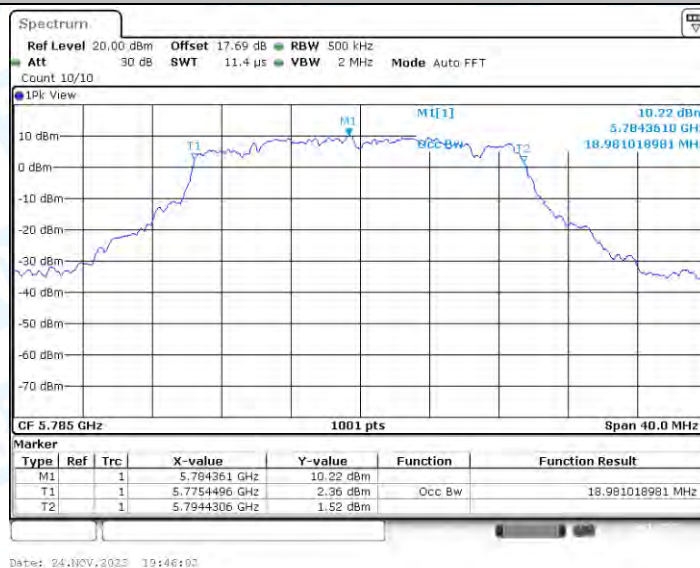
11AX20MIMO_Ant1_5745



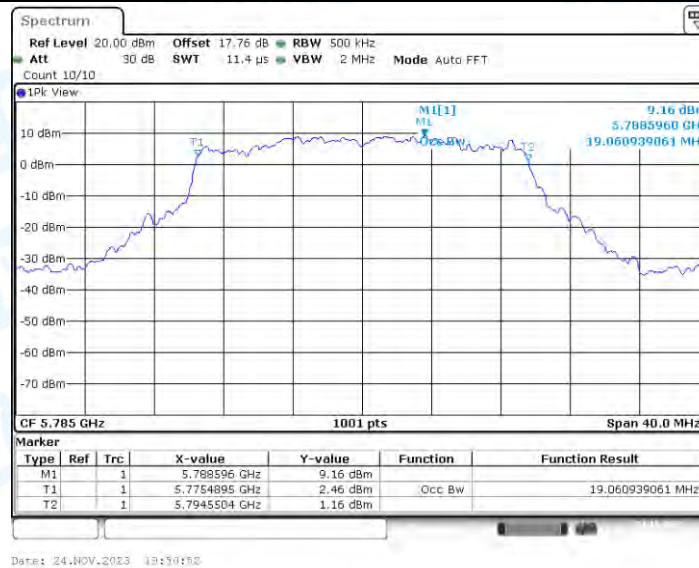
11AX20MIMO_Ant2_5745



11AX20MIMO_Ant1_5785



11AX20MIMO_Ant2_5785



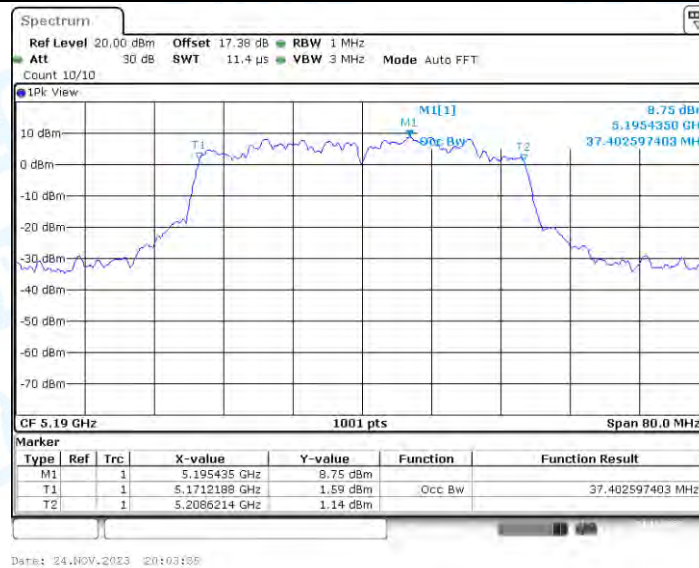
11AX20MIMO_Ant1_5825



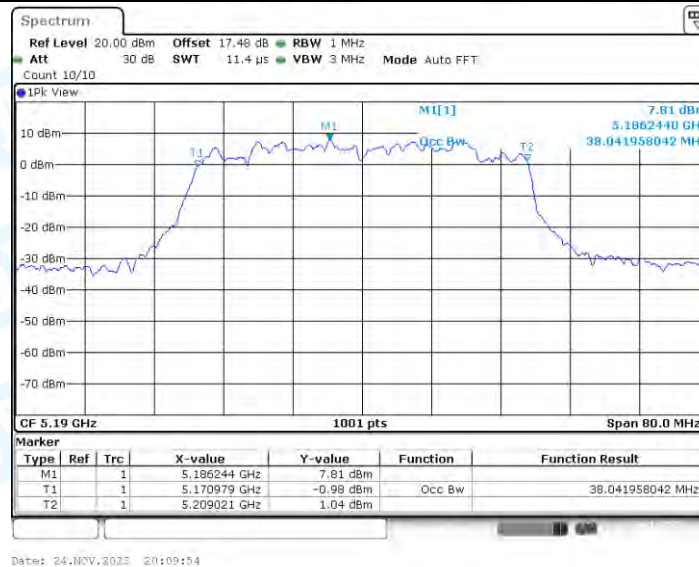
11AX20MIMO_Ant2_5825



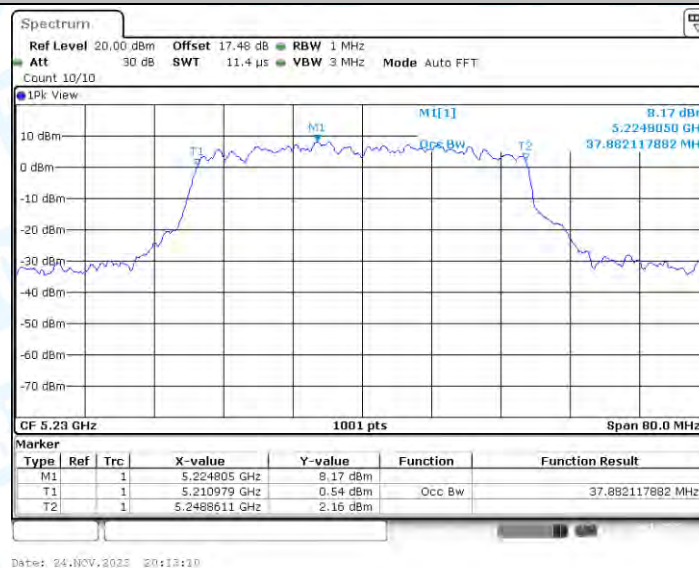
11AX40MIMO_Ant1_5190



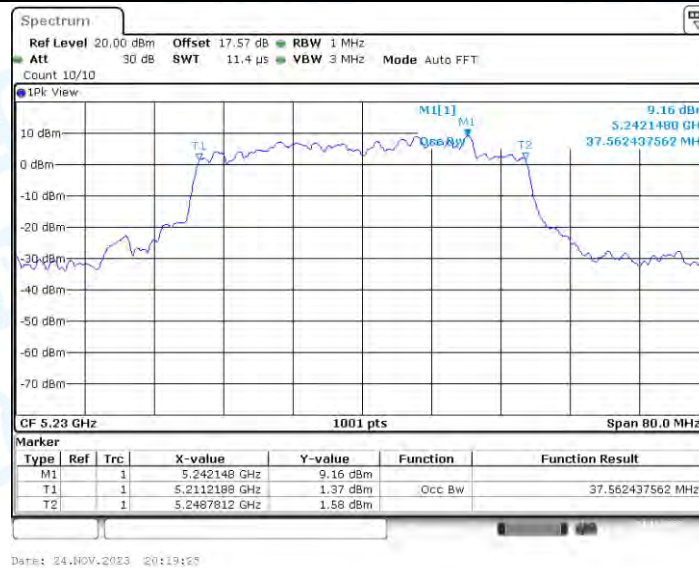
11AX40MIMO_Ant2_5190



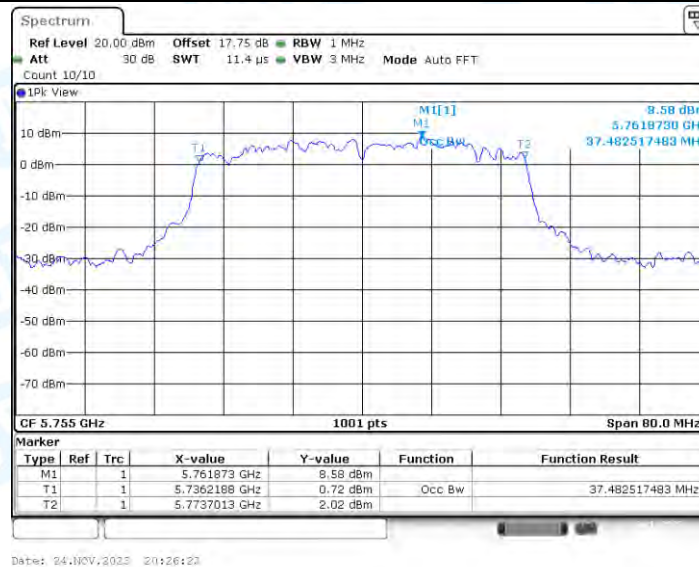
11AX40MIMO_Ant1_5230



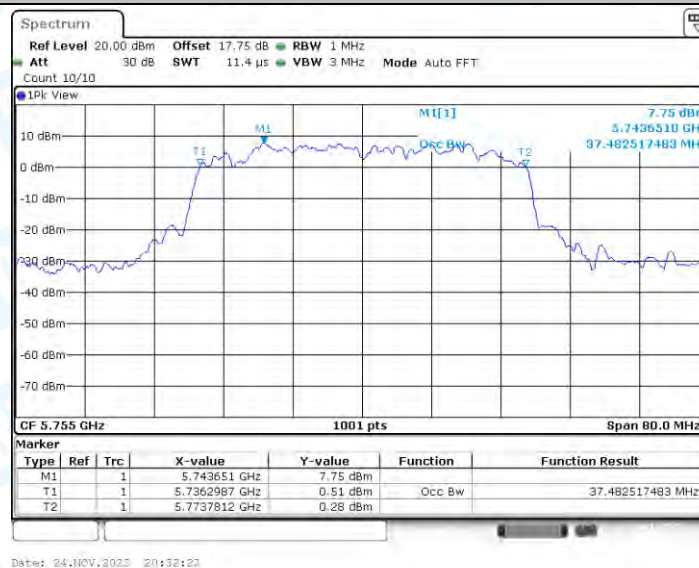
11AX40MIMO_Ant2_5230



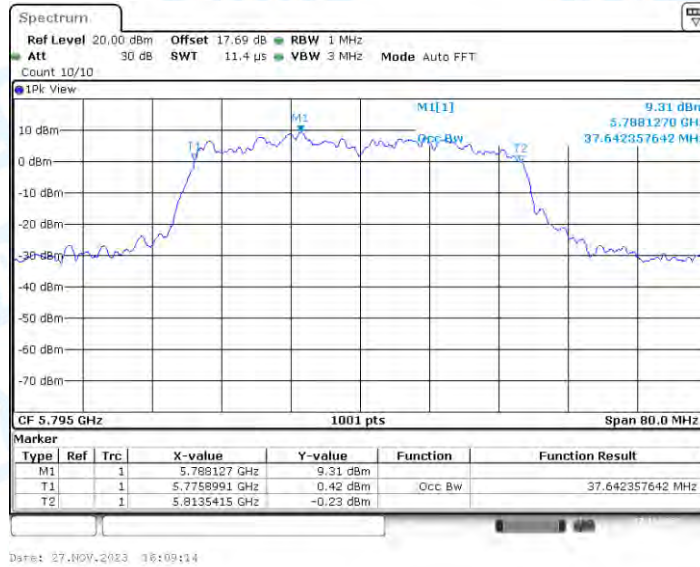
11AX40MIMO_Ant1_5755



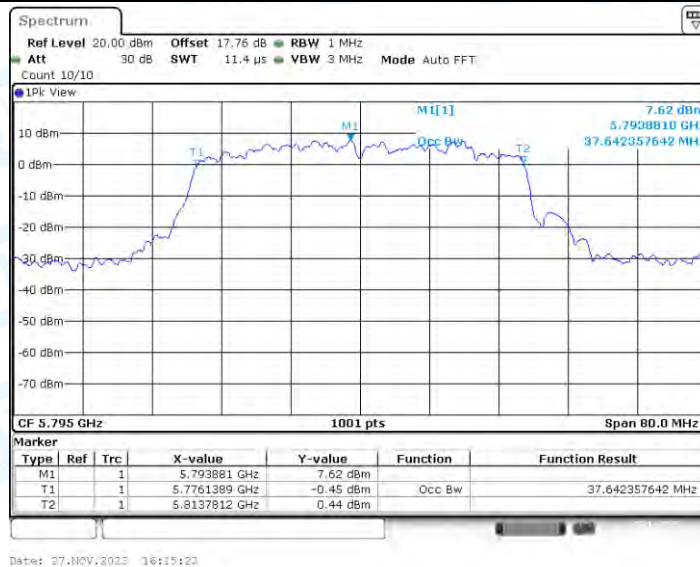
11AX40MIMO_Ant2_5755



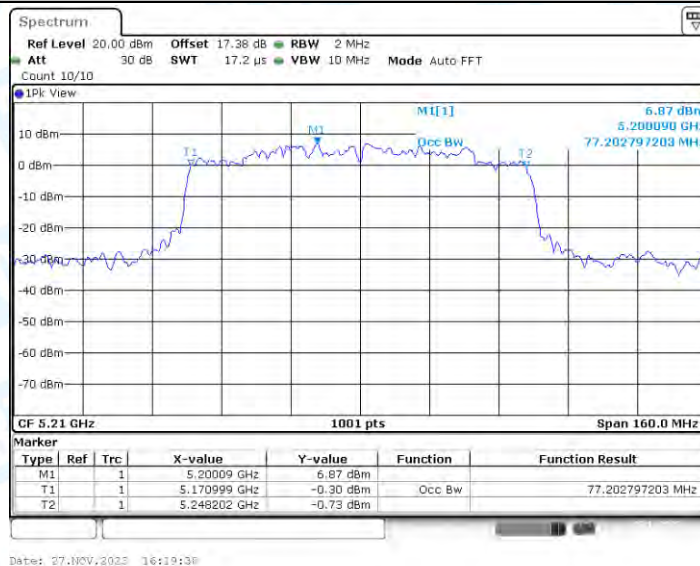
11AX40MIMO_Ant1_5795



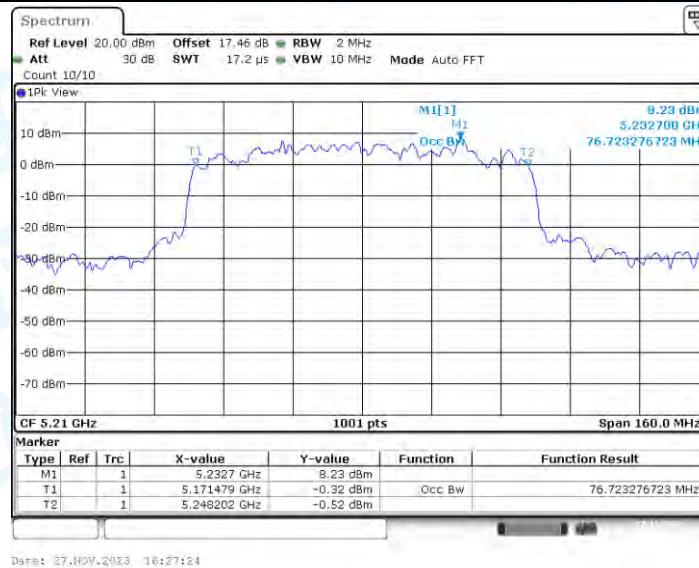
11AX40MIMO_Ant2_5795



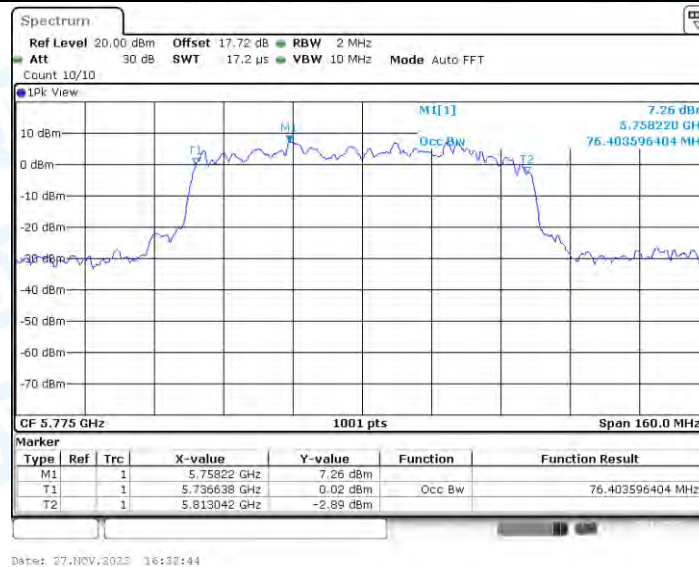
11AX80MIMO_Ant1_5210



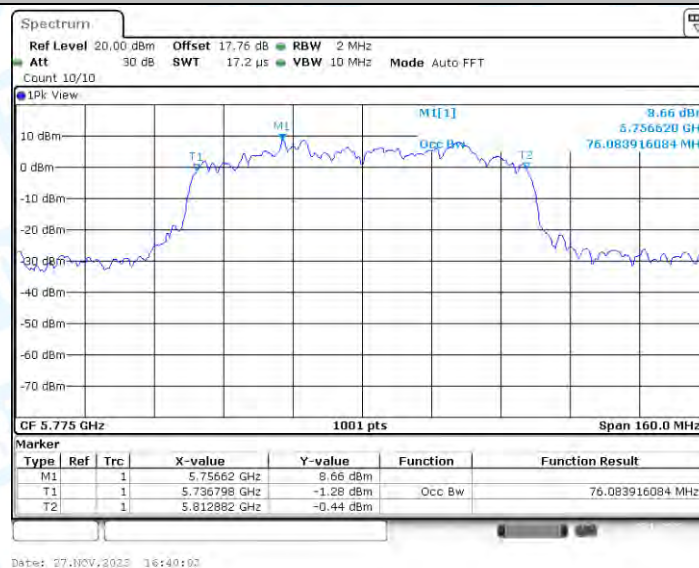
11AX80MIMO_Ant2_5210



11AX80MIMO_Ant1_5775



11AX80MIMO_Ant2_5775



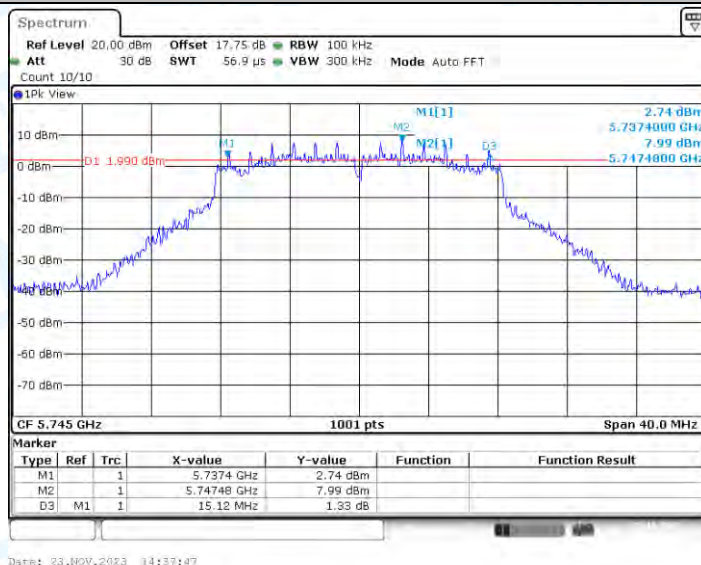
3. Min emission bandwidth

3.1. Test Result

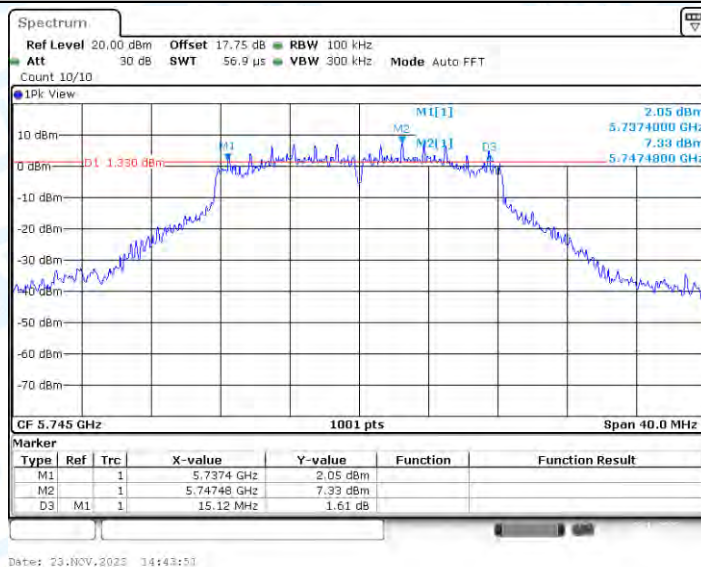
TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5745	15.12	5737.40	5752.52	0.5	PASS
	Ant2	5745	15.12	5737.40	5752.52	0.5	PASS
	Ant1	5785	15.12	5777.40	5792.52	0.5	PASS
	Ant2	5785	15.12	5777.40	5792.52	0.5	PASS
	Ant1	5825	15.12	5817.40	5832.52	0.5	PASS
	Ant2	5825	15.08	5817.44	5832.52	0.5	PASS
11N20MIMO	Ant1	5745	15.12	5737.40	5752.52	0.5	PASS
	Ant2	5745	15.12	5737.40	5752.52	0.5	PASS
	Ant1	5785	15.12	5777.40	5792.52	0.5	PASS
	Ant2	5785	15.08	5777.40	5792.48	0.5	PASS
	Ant1	5825	15.12	5817.40	5832.52	0.5	PASS
	Ant2	5825	15.12	5817.40	5832.52	0.5	PASS
11N40MIMO	Ant1	5755	35.12	5737.40	5772.52	0.5	PASS
	Ant2	5755	31.04	5741.48	5772.52	0.5	PASS
	Ant1	5795	35.12	5777.40	5812.52	0.5	PASS
	Ant2	5795	35.04	5777.48	5812.52	0.5	PASS
11AC20MIMO	Ant1	5745	15.12	5737.40	5752.52	0.5	PASS
	Ant2	5745	15.12	5737.40	5752.52	0.5	PASS
	Ant1	5785	15.12	5777.40	5792.52	0.5	PASS
	Ant2	5785	15.08	5777.44	5792.52	0.5	PASS
	Ant1	5825	15.08	5817.44	5832.52	0.5	PASS
	Ant2	5825	15.04	5817.48	5832.52	0.5	PASS
11AC40MIMO	Ant1	5755	35.04	5737.40	5772.44	0.5	PASS
	Ant2	5755	35.04	5737.48	5772.52	0.5	PASS
	Ant1	5795	35.12	5777.40	5812.52	0.5	PASS
	Ant2	5795	33.84	5778.68	5812.52	0.5	PASS
11AC80MIMO	Ant1	5775	62.56	5737.40	5799.96	0.5	PASS
	Ant2	5775	62.56	5749.88	5812.44	0.5	PASS
11AX20MIMO	Ant1	5745	15.12	5737.40	5752.52	0.5	PASS
	Ant2	5745	15.28	5737.40	5752.68	0.5	PASS
	Ant1	5785	17.20	5776.60	5793.80	0.5	PASS
	Ant2	5785	17.20	5776.64	5793.84	0.5	PASS
	Ant1	5825	16.60	5817.20	5833.80	0.5	PASS
	Ant2	5825	13.84	5818.68	5832.52	0.5	PASS
11AX40MIMO	Ant1	5755	35.12	5737.40	5772.52	0.5	PASS
	Ant2	5755	32.64	5739.88	5772.52	0.5	PASS
	Ant1	5795	35.12	5777.40	5812.52	0.5	PASS
	Ant2	5795	35.12	5777.40	5812.52	0.5	PASS
11AX80MIMO	Ant1	5775	68.80	5743.64	5812.44	0.5	PASS
	Ant2	5775	60.00	5739.96	5799.96	0.5	PASS

3.2. Test Graphs

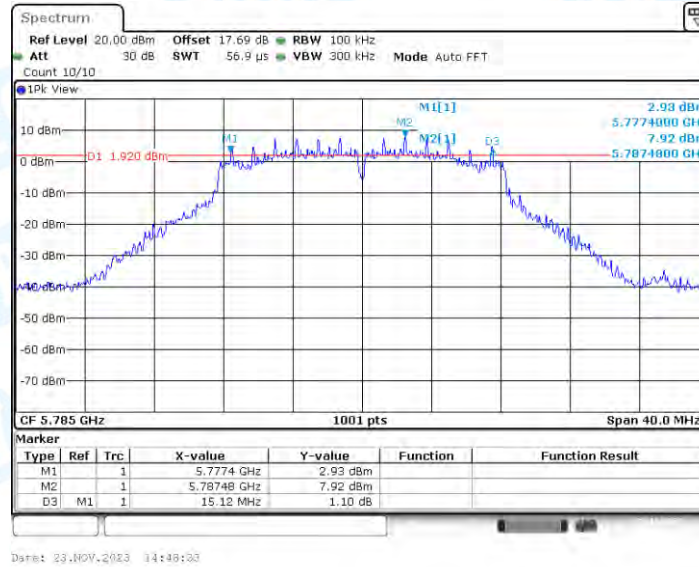
11A-CDD_Ant1_5745



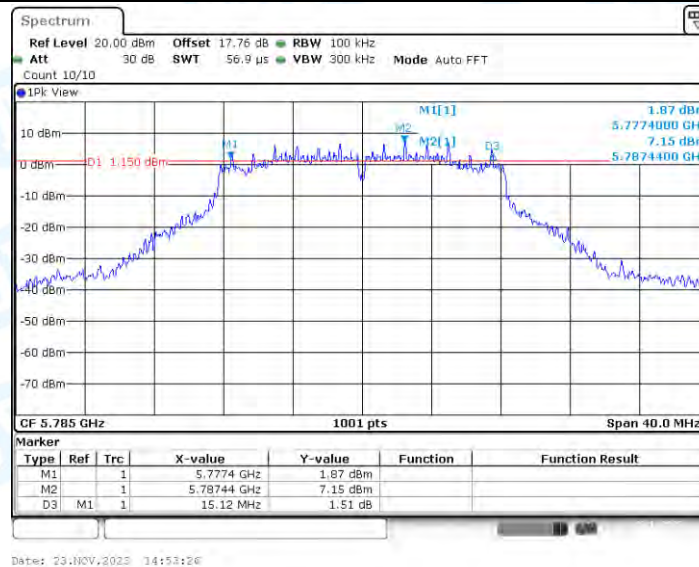
11A-CDD_Ant2_5745



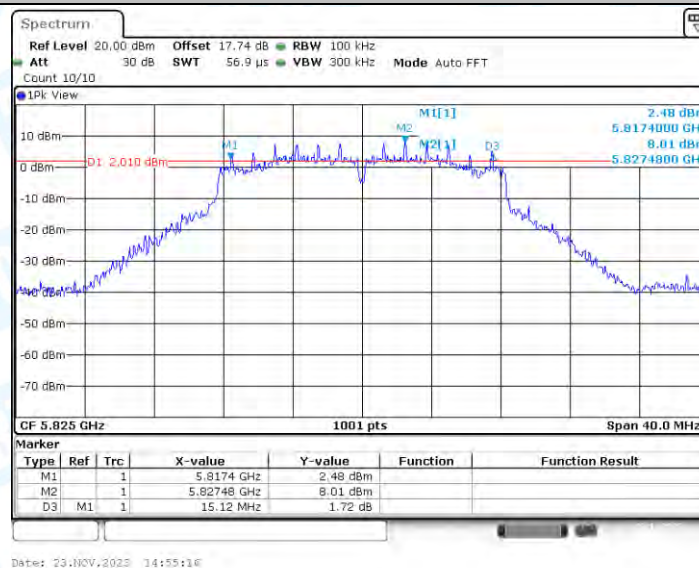
11A-CDD_Ant1_5785



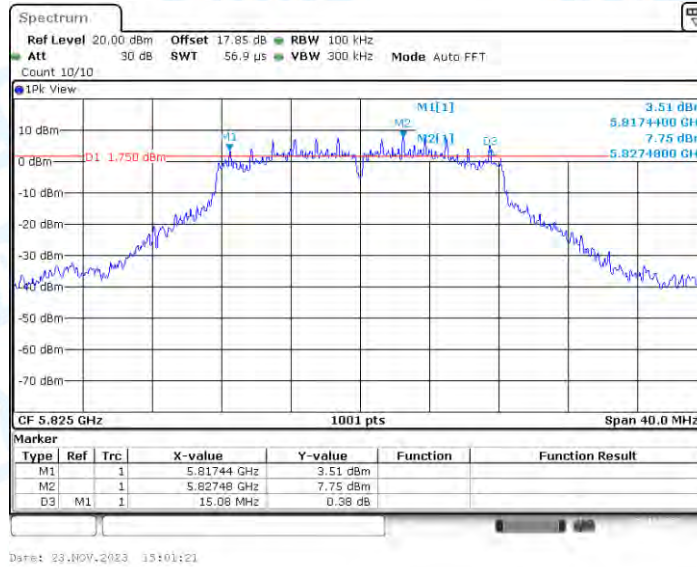
11A-CDD_Ant2_5785



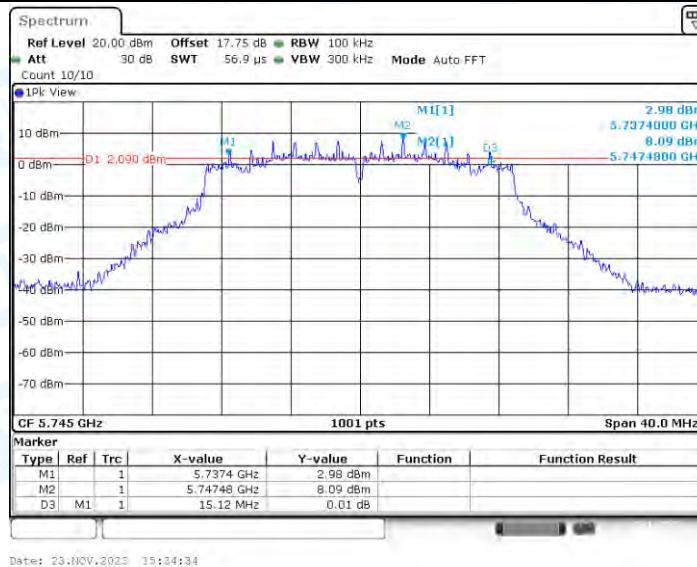
11A-CDD_Ant1_5825



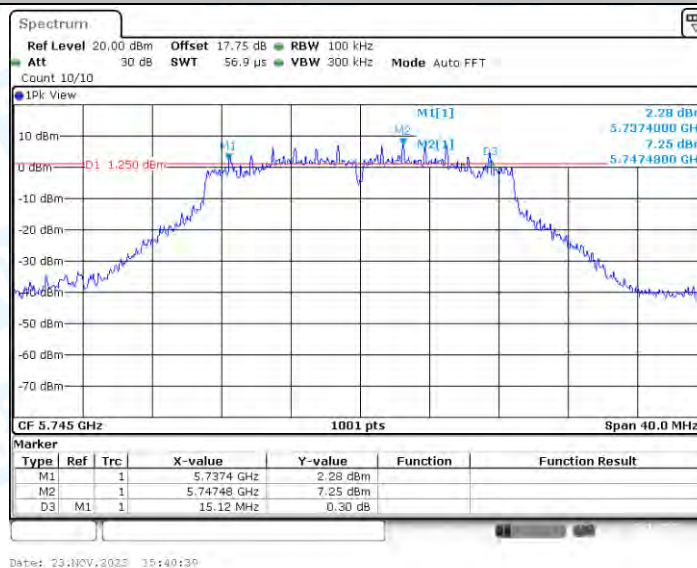
11A-CDD_Ant2_5825



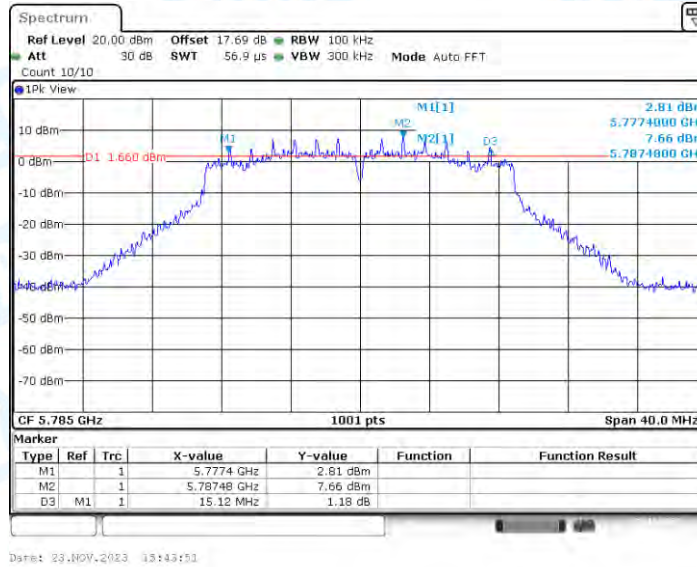
11N20MIMO_Ant1_5745



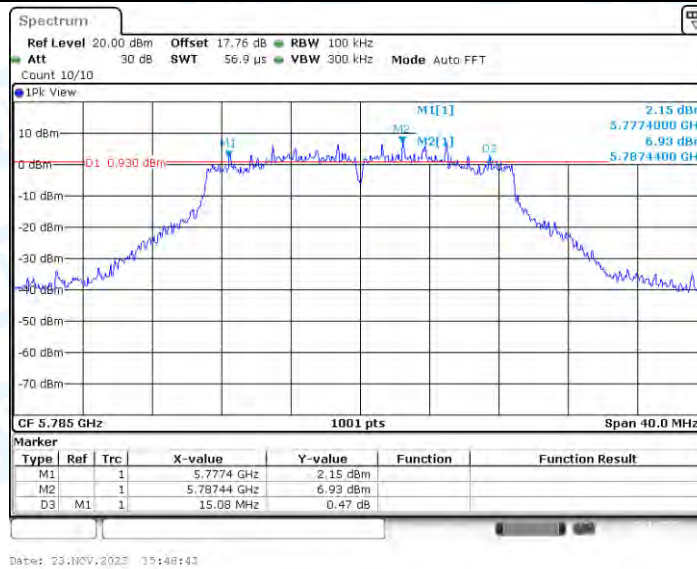
11N20MIMO_Ant2_5745



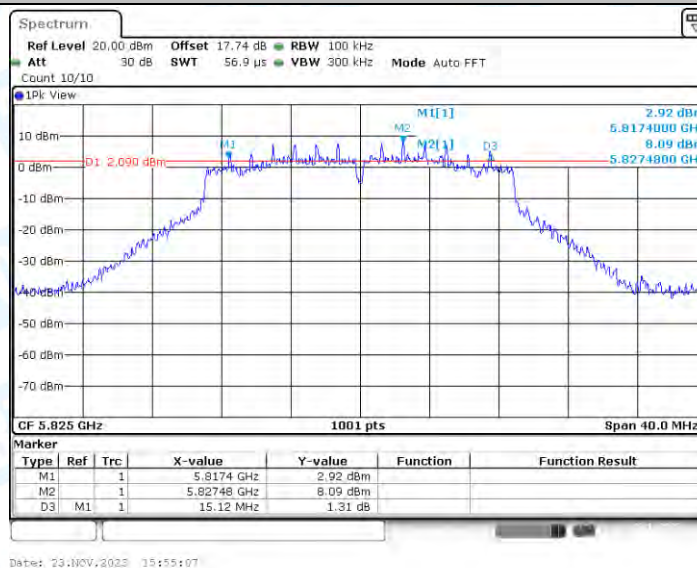
11N20MIMO_Ant1_5785



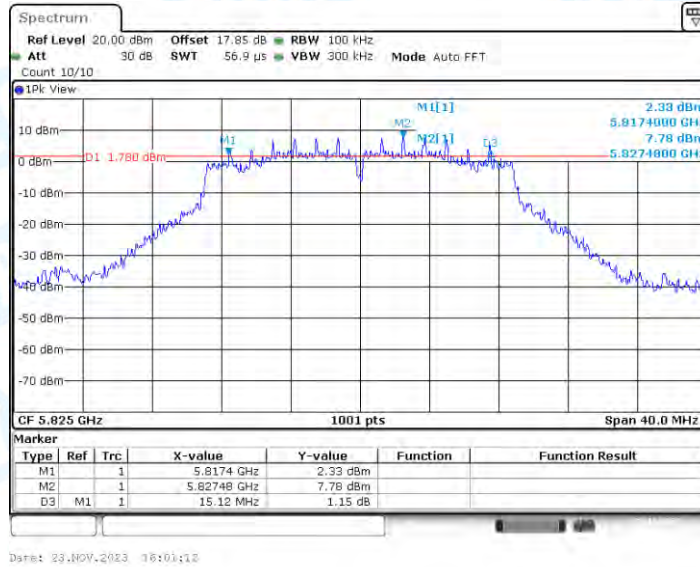
11N20MIMO_Ant2_5785



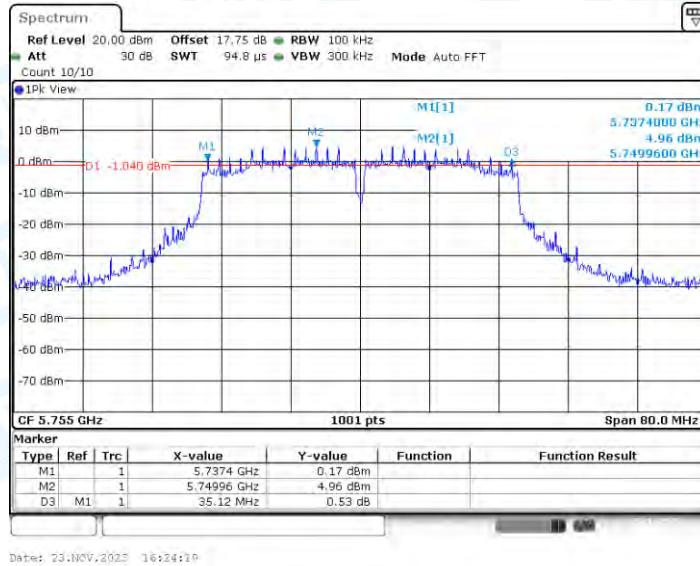
11N20MIMO_Ant1_5825



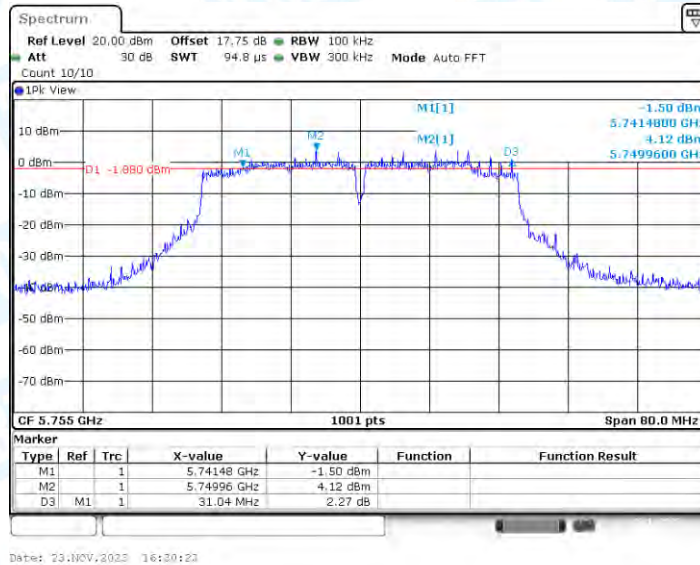
11N20MIMO_Ant2_5825



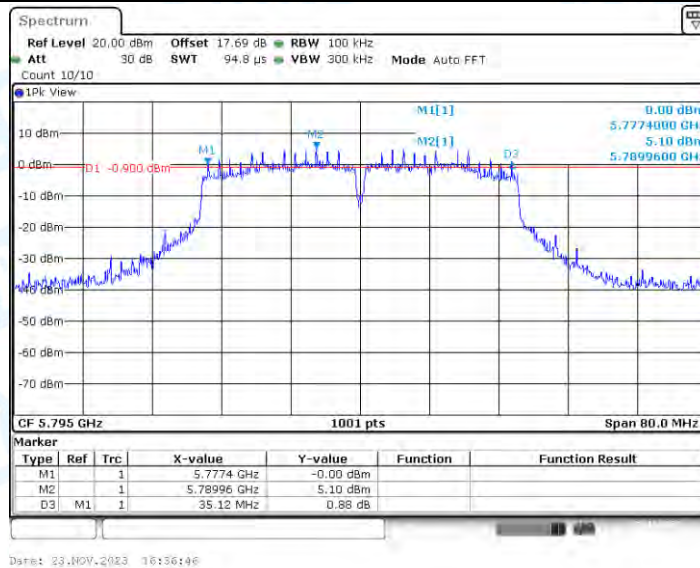
11N40MIMO_Ant1_5755



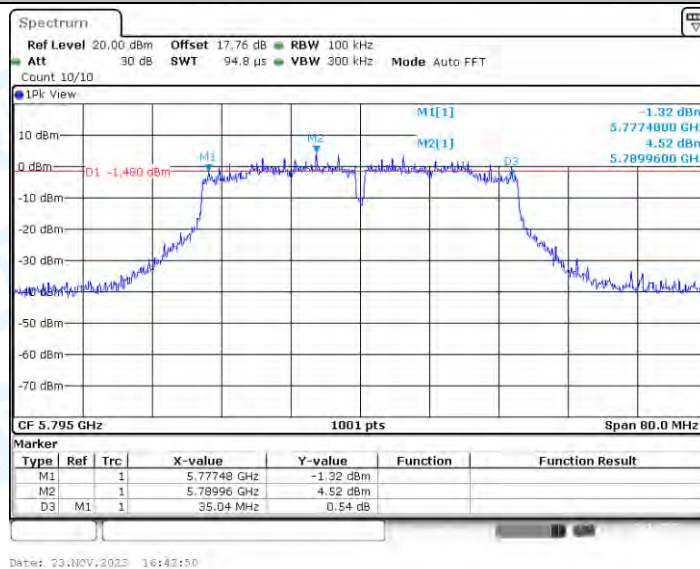
11N40MIMO_Ant2_5755



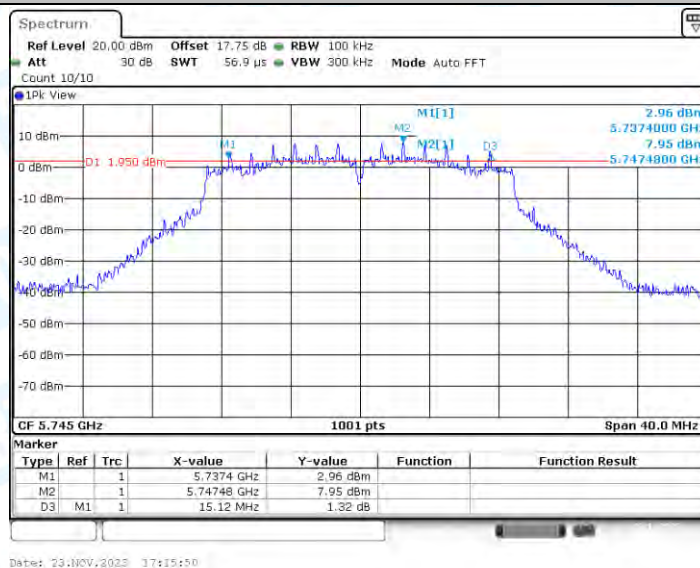
11N40MIMO_Ant1_5795



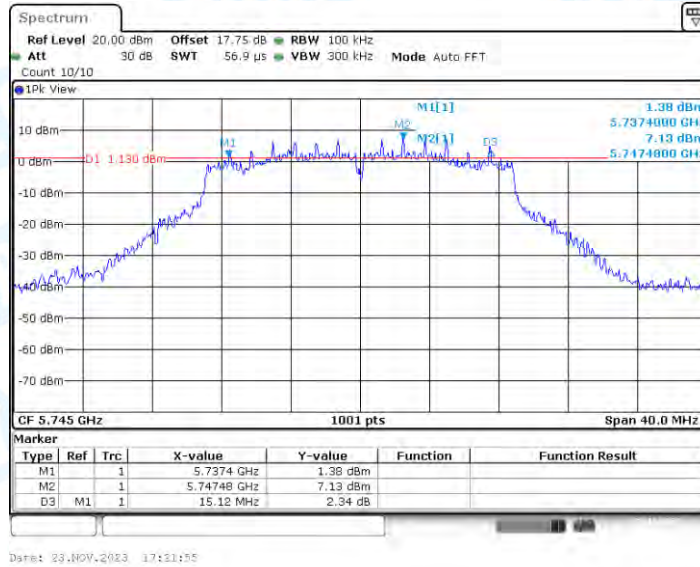
11N40MIMO_Ant2_5795



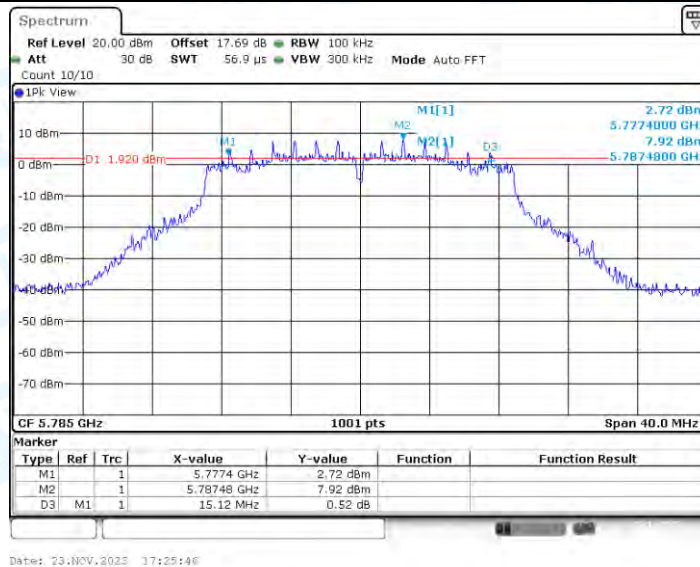
11AC20MIMO_Ant1_5745



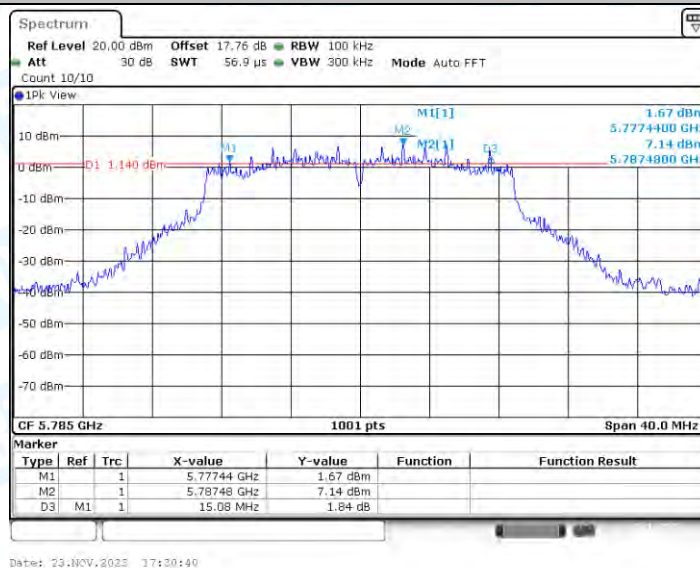
11AC20MIMO_Ant2_5745



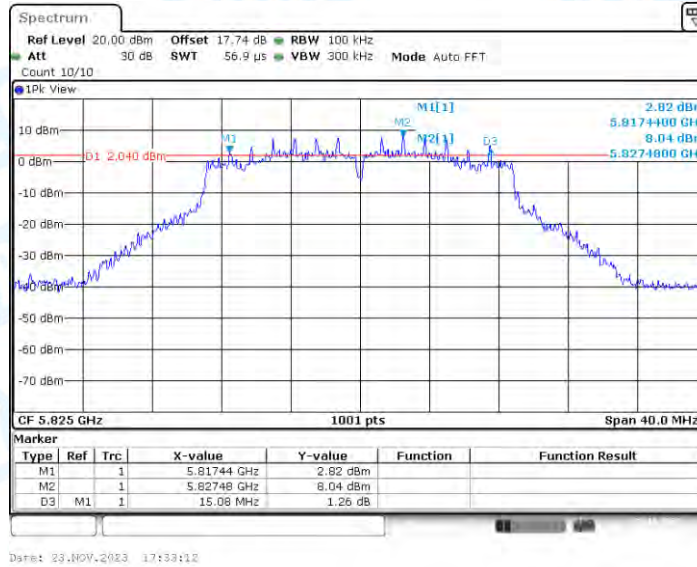
11AC20MIMO_Ant1_5785



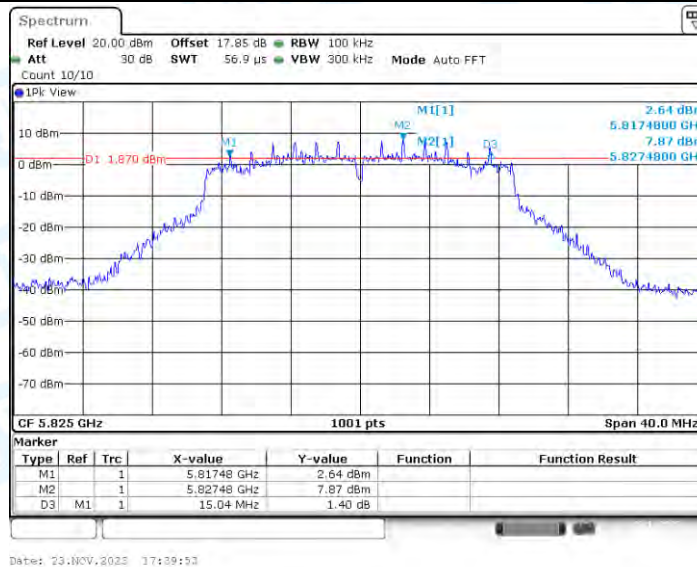
11AC20MIMO_Ant2_5785



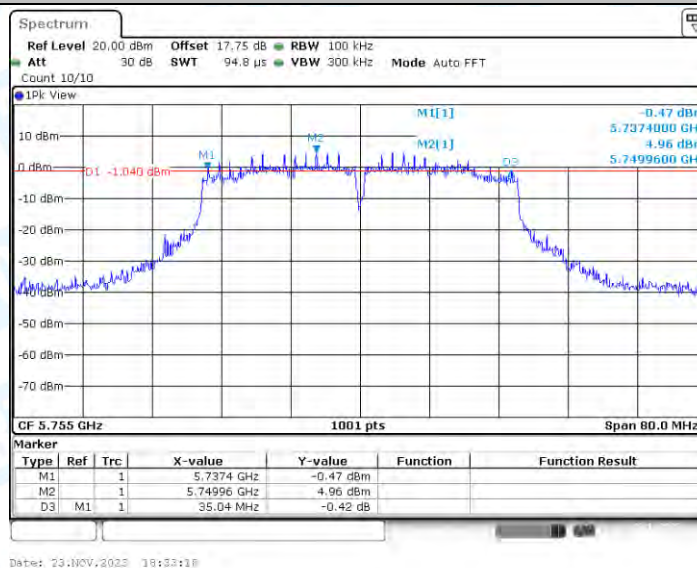
11AC20MIMO_Ant1_5825



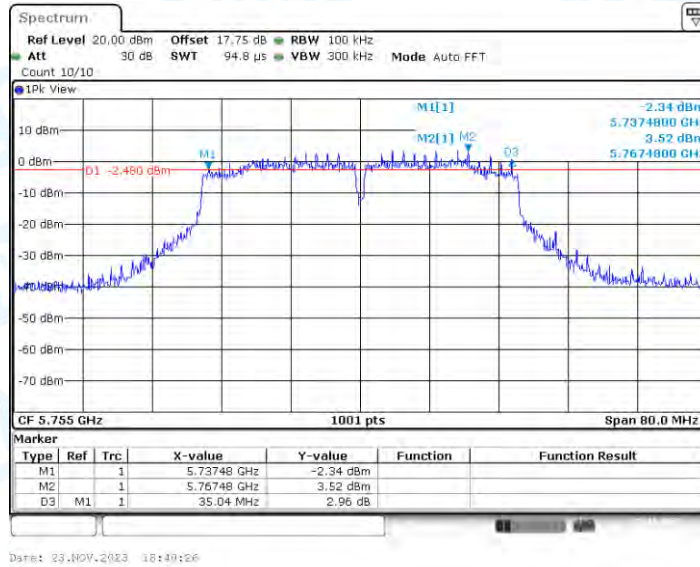
11AC20MIMO_Ant2_5825



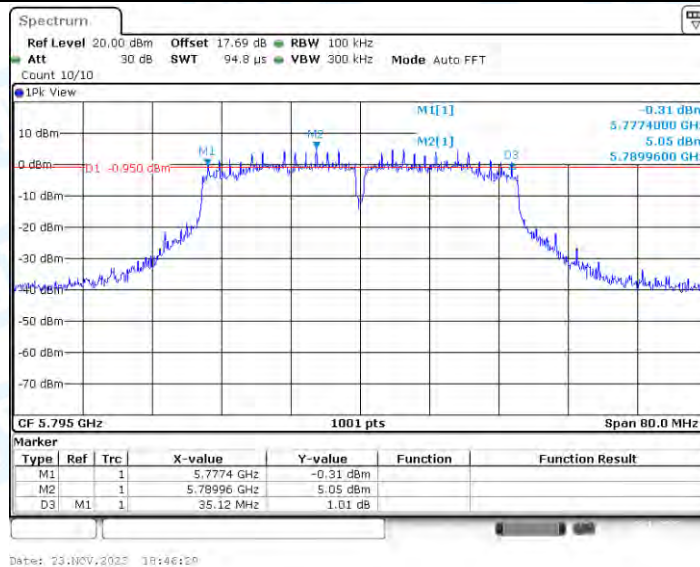
11AC40MIMO_Ant1_5755



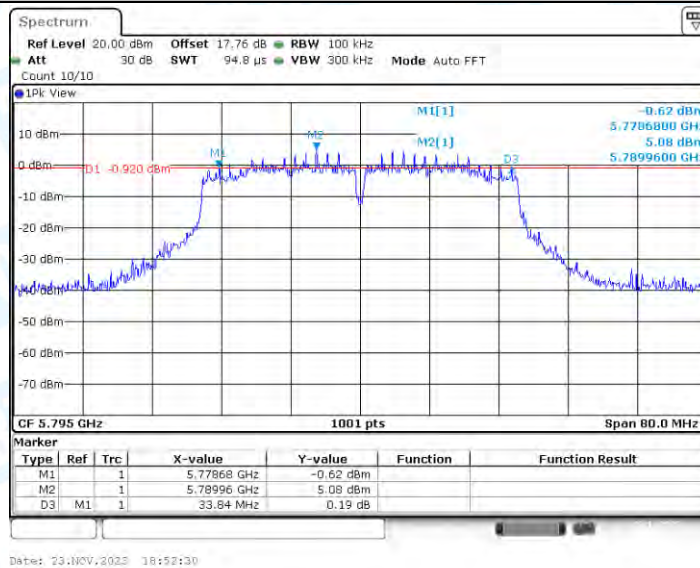
11AC40MIMO_Ant2_5755



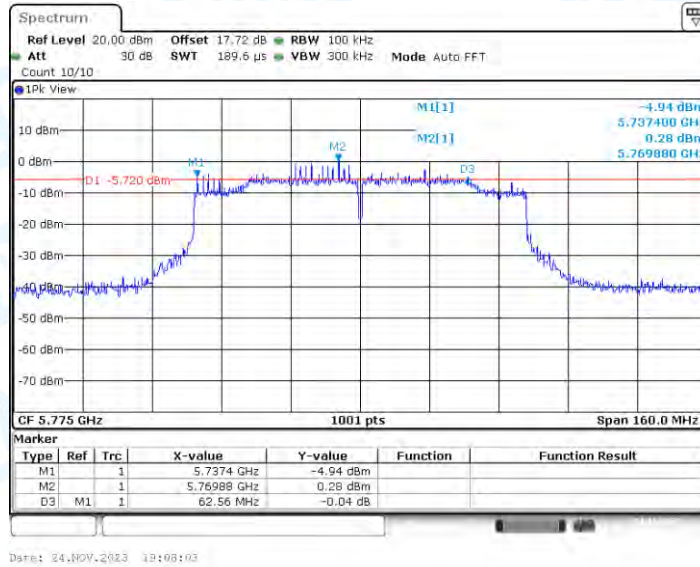
11AC40MIMO_Ant1_5795



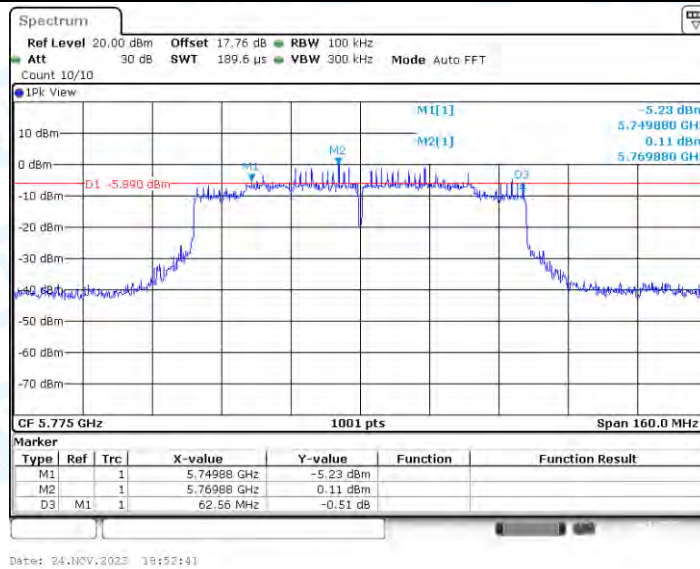
11AC40MIMO_Ant2_5795



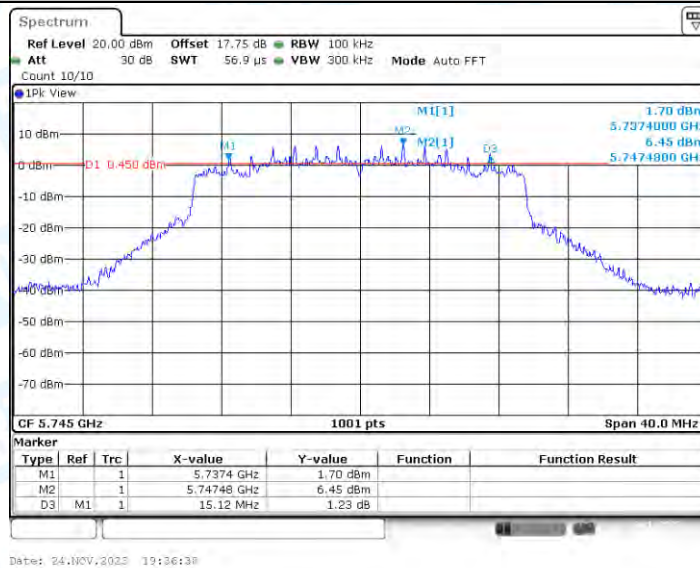
11AC80MIMO_Ant1_5775



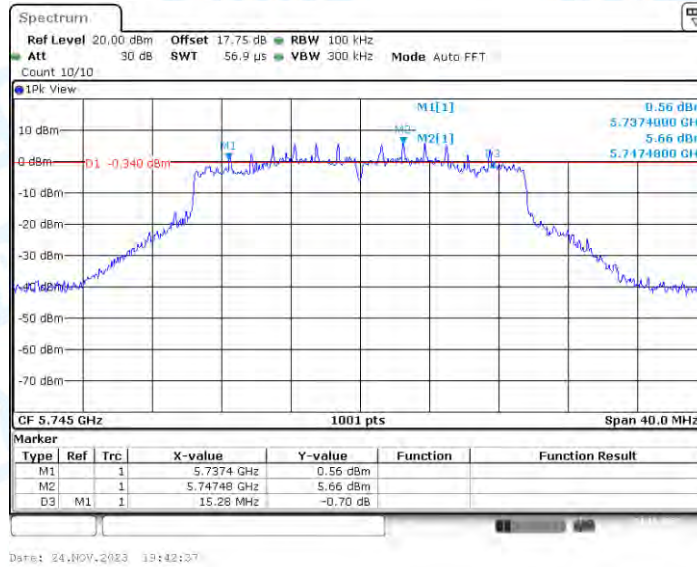
11AC80MIMO_Ant2_5775



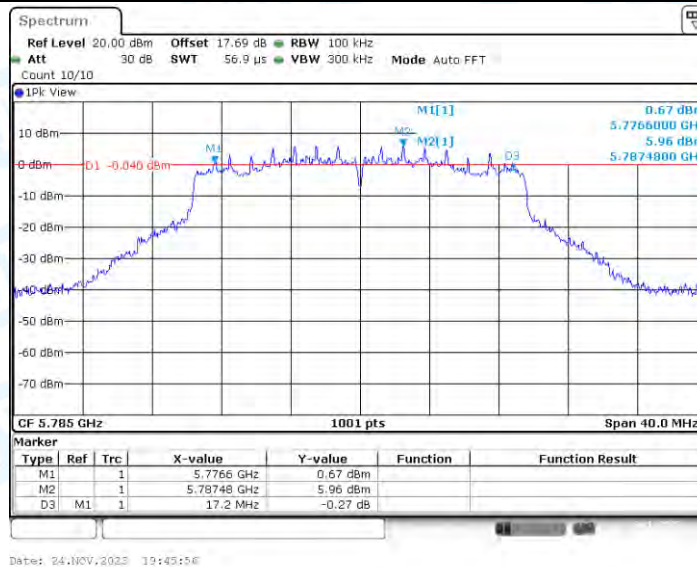
11AX20MIMO_Ant1_5745



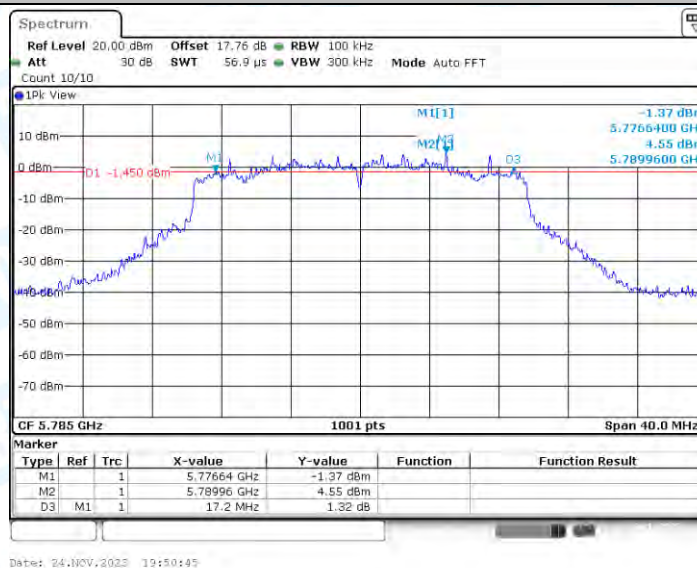
11AX20MIMO_Ant2_5745



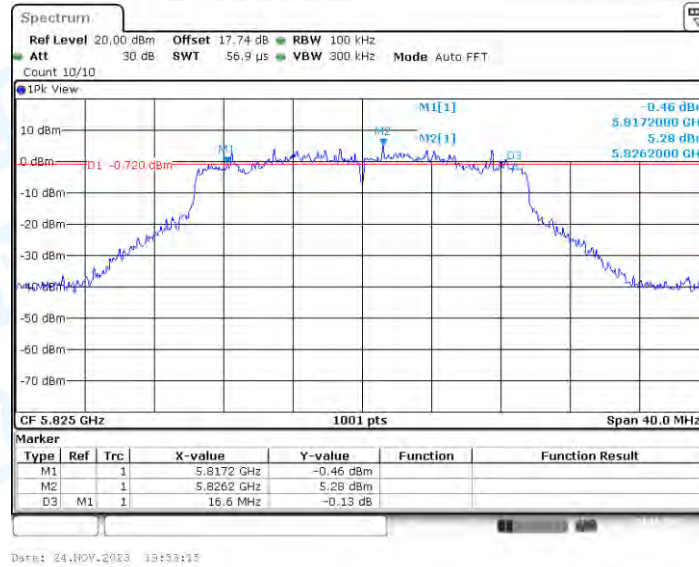
11AX20MIMO_Ant1_5785



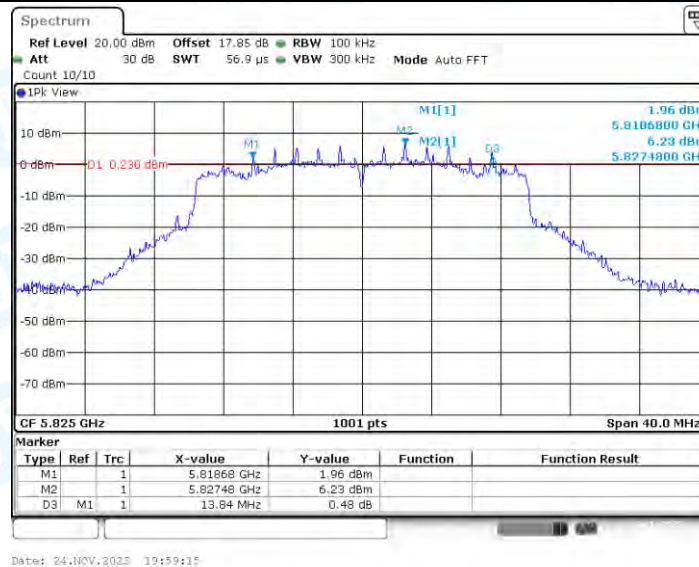
11AX20MIMO_Ant2_5785



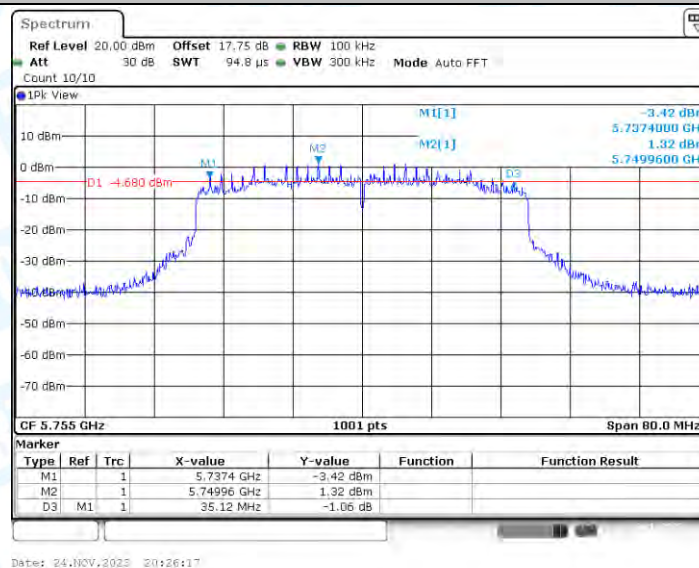
11AX20MIMO_Ant1_5825



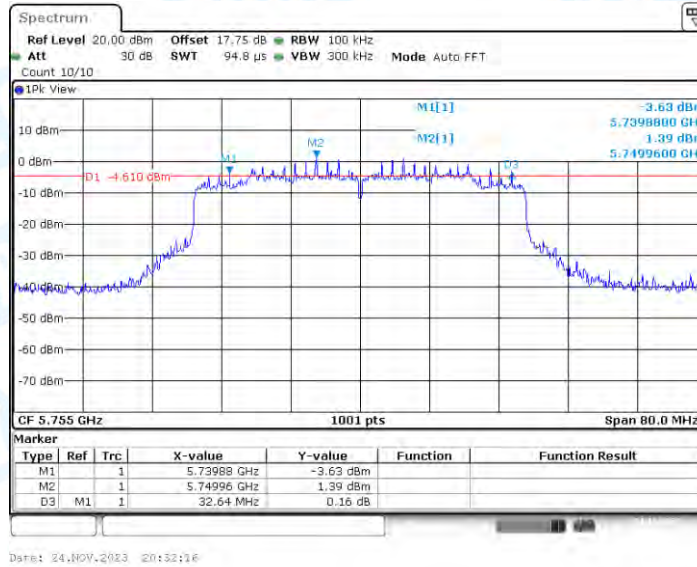
11AX20MIMO_Ant2_5825



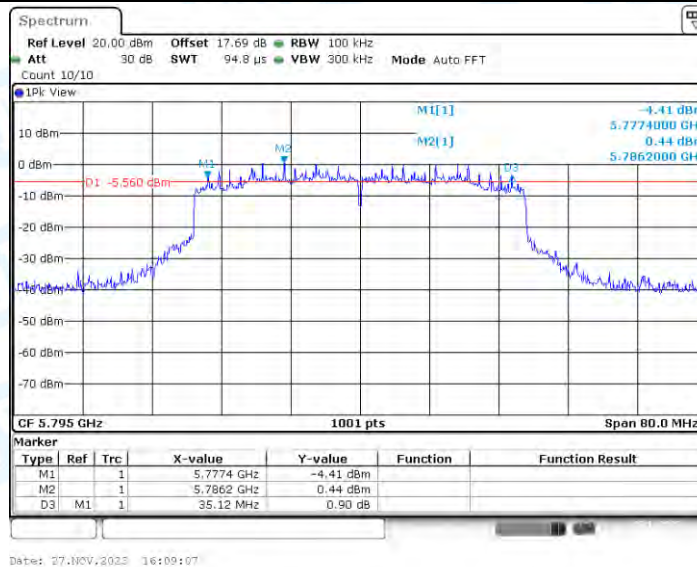
11AX40MIMO_Ant1_5755



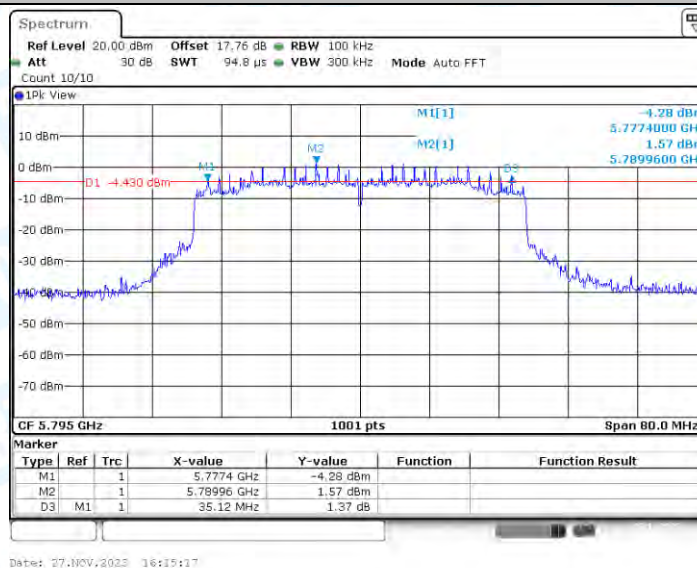
11AX40MIMO_Ant2_5755



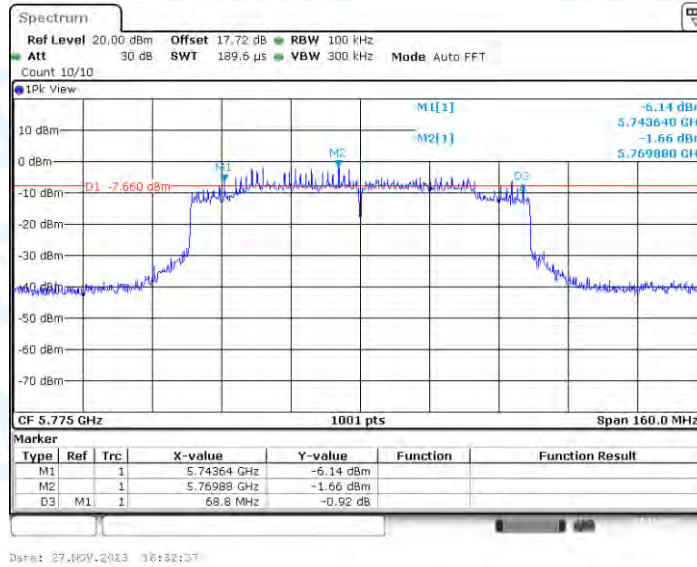
11AX40MIMO_Ant1_5795



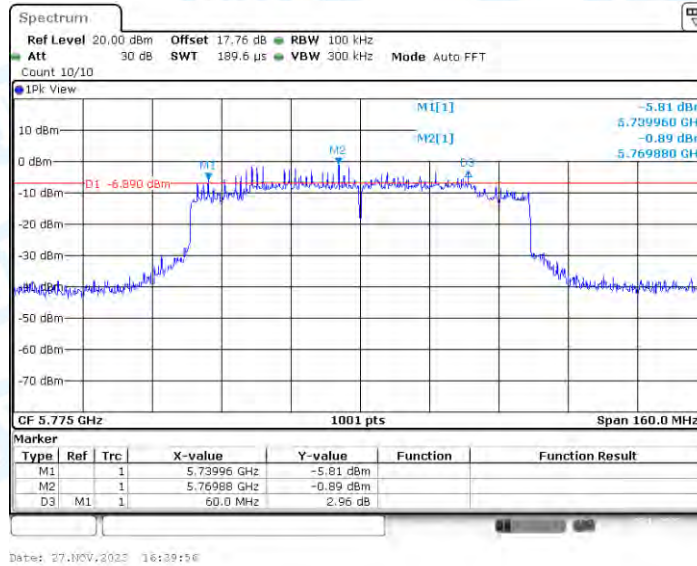
11AX40MIMO_Ant2_5795



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	17.05	≤23.98	PASS
	Ant2	5180	17.12	≤23.98	PASS
	total	5180	20.10	≤23.98	PASS
	Ant1	5200	17.03	≤23.98	PASS
	Ant2	5200	17.06	≤23.98	PASS
	total	5200	20.06	≤23.98	PASS
	Ant1	5240	17.06	≤23.98	PASS
	Ant2	5240	17.06	≤23.98	PASS
	total	5240	20.07	≤23.98	PASS
	Ant1	5745	17.22	≤30.00	PASS
	Ant2	5745	16.78	≤30.00	PASS
	total	5745	20.02	≤29.83	PASS
	Ant1	5785	17.20	≤30.00	PASS
	Ant2	5785	16.70	≤30.00	PASS
	total	5785	19.97	≤29.83	PASS
	Ant1	5825	17.16	≤30.00	PASS
	Ant2	5825	16.91	≤30.00	PASS
	total	5825	20.05	≤29.83	PASS
11N20MIMO	Ant1	5180	16.97	≤23.98	PASS
	Ant2	5180	16.99	≤23.98	PASS
	total	5180	19.99	≤23.98	PASS
	Ant1	5200	16.96	≤23.98	PASS
	Ant2	5200	16.94	≤23.98	PASS
	total	5200	19.96	≤23.98	PASS
	Ant1	5240	16.91	≤23.98	PASS
	Ant2	5240	16.87	≤23.98	PASS
	total	5240	19.90	≤23.98	PASS
	Ant1	5745	17.14	≤30.00	PASS
	Ant2	5745	16.73	≤30.00	PASS
	total	5745	19.95	≤29.83	PASS
	Ant1	5785	17.13	≤30.00	PASS
	Ant2	5785	16.82	≤30.00	PASS
	total	5785	19.99	≤29.83	PASS
	Ant1	5825	17.01	≤30.00	PASS
	Ant2	5825	16.79	≤30.00	PASS
	total	5825	19.91	≤29.83	PASS
11N40MIMO	Ant1	5190	14.33	≤23.98	PASS
	Ant2	5190	14.38	≤23.98	PASS
	total	5190	17.37	≤23.98	PASS
	Ant1	5230	17.30	≤23.98	PASS

	Ant2	5230	17.27	≤23.98	PASS
	total	5230	20.30	≤23.98	PASS
	Ant1	5755	17.57	≤30.00	PASS
	Ant2	5755	17.06	≤30.00	PASS
	total	5755	20.33	≤29.83	PASS
	Ant1	5795	17.57	≤30.00	PASS
	Ant2	5795	17.15	≤30.00	PASS
	total	5795	20.38	≤29.83	PASS
11AC20MIMO	Ant1	5180	16.96	≤23.98	PASS
	Ant2	5180	17.04	≤23.98	PASS
	total	5180	20.01	≤23.98	PASS
	Ant1	5200	16.86	≤23.98	PASS
	Ant2	5200	16.89	≤23.98	PASS
	total	5200	19.89	≤23.98	PASS
	Ant1	5240	16.94	≤23.98	PASS
	Ant2	5240	16.87	≤23.98	PASS
	total	5240	19.92	≤23.98	PASS
	Ant1	5745	17.14	≤30.00	PASS
	Ant2	5745	16.75	≤30.00	PASS
	total	5745	19.96	≤29.83	PASS
	Ant1	5785	17.17	≤30.00	PASS
	Ant2	5785	16.82	≤30.00	PASS
	total	5785	20.01	≤29.83	PASS
	Ant1	5825	16.95	≤30.00	PASS
	Ant2	5825	16.69	≤30.00	PASS
	total	5825	19.83	≤29.83	PASS
11AC40MIMO	Ant1	5190	14.36	≤23.98	PASS
	Ant2	5190	14.48	≤23.98	PASS
	total	5190	17.43	≤23.98	PASS
	Ant1	5230	17.28	≤23.98	PASS
	Ant2	5230	17.29	≤23.98	PASS
	total	5230	20.30	≤23.98	PASS
	Ant1	5755	17.53	≤30.00	PASS
	Ant2	5755	17.05	≤30.00	PASS
	total	5755	20.31	≤29.83	PASS
	Ant1	5795	17.59	≤30.00	PASS
	Ant2	5795	17.19	≤30.00	PASS
	total	5795	20.40	≤29.83	PASS
11AC80MIMO	Ant1	5210	14.17	≤23.98	PASS
	Ant2	5210	14.49	≤23.98	PASS
	total	5210	17.34	≤23.98	PASS
	Ant1	5775	14.55	≤30.00	PASS
	Ant2	5775	14.23	≤30.00	PASS
	total	5775	17.40	≤29.83	PASS
11AX20MIMO	Ant1	5180	15.84	≤23.98	PASS

	Ant2	5180	15.55	≤23.98	PASS
	total	5180	18.71	≤23.98	PASS
	Ant1	5200	15.74	≤23.98	PASS
	Ant2	5200	15.47	≤23.98	PASS
	total	5200	18.62	≤23.98	PASS
	Ant1	5240	15.76	≤23.98	PASS
	Ant2	5240	15.44	≤23.98	PASS
	total	5240	18.61	≤23.98	PASS
	Ant1	5745	15.91	≤30.00	PASS
	Ant2	5745	15.23	≤30.00	PASS
	total	5745	18.59	≤29.83	PASS
	Ant1	5785	15.93	≤30.00	PASS
	Ant2	5785	15.23	≤30.00	PASS
	total	5785	18.60	≤29.83	PASS
	Ant1	5825	15.87	≤30.00	PASS
	Ant2	5825	15.21	≤30.00	PASS
	total	5825	18.56	≤29.83	PASS
11AX40MIMO	Ant1	5190	13.89	≤23.98	PASS
	Ant2	5190	13.73	≤23.98	PASS
	total	5190	16.82	≤23.98	PASS
	Ant1	5230	13.91	≤23.98	PASS
	Ant2	5230	13.79	≤23.98	PASS
	total	5230	16.86	≤23.98	PASS
	Ant1	5755	13.79	≤30.00	PASS
	Ant2	5755	13.53	≤30.00	PASS
	total	5755	16.67	≤29.83	PASS
	Ant1	5795	14.05	≤30.00	PASS
	Ant2	5795	13.69	≤30.00	PASS
	total	5795	16.88	≤29.83	PASS
11AX80MIMO	Ant1	5210	13.99	≤23.98	PASS
	Ant2	5210	13.71	≤23.98	PASS
	total	5210	16.86	≤23.98	PASS
	Ant1	5775	14.00	≤30.00	PASS
	Ant2	5775	13.74	≤30.00	PASS
	total	5775	16.88	≤29.83	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	7.83	≤11.00	PASS
	Ant2	5180	7.04	≤11.00	PASS
	total	5180	10.46	≤11.00	PASS
	Ant1	5200	7.06	≤11.00	PASS
	Ant2	5200	7.81	≤11.00	PASS
	total	5200	10.46	≤11.00	PASS
	Ant1	5240	7.11	≤11.00	PASS
	Ant2	5240	7.37	≤11.00	PASS
	total	5240	10.25	≤11.00	PASS
	Ant1	5745	4.31	≤30.00	PASS
	Ant2	5745	4.14	≤30.00	PASS
	total	5745	7.24	≤29.83	PASS
	Ant1	5785	4.79	≤30.00	PASS
	Ant2	5785	4.02	≤30.00	PASS
	total	5785	7.43	≤29.83	PASS
	Ant1	5825	4.42	≤30.00	PASS
	Ant2	5825	4.11	≤30.00	PASS
	total	5825	7.28	≤29.83	PASS
11N20MIMO	Ant1	5180	7.06	≤11.00	PASS
	Ant2	5180	6.79	≤11.00	PASS
	total	5180	9.94	≤11.00	PASS
	Ant1	5200	6.42	≤11.00	PASS
	Ant2	5200	6.61	≤11.00	PASS
	total	5200	9.53	≤11.00	PASS
	Ant1	5240	6.41	≤11.00	PASS
	Ant2	5240	6.91	≤11.00	PASS
	total	5240	9.68	≤11.00	PASS
	Ant1	5745	4.37	≤30.00	PASS
	Ant2	5745	3.79	≤30.00	PASS
	total	5745	7.10	≤29.83	PASS
	Ant1	5785	4.19	≤30.00	PASS
	Ant2	5785	4.15	≤30.00	PASS
	total	5785	7.18	≤29.83	PASS
	Ant1	5825	4.36	≤30.00	PASS
	Ant2	5825	4.43	≤30.00	PASS
	total	5825	7.41	≤29.83	PASS
11N40MIMO	Ant1	5190	1.07	≤11.00	PASS
	Ant2	5190	1.55	≤11.00	PASS
	total	5190	4.33	≤11.00	PASS
	Ant1	5230	4.28	≤11.00	PASS

	Ant2	5230	4.12	≤11.00	PASS
	total	5230	7.21	≤11.00	PASS
	Ant1	5755	1.57	≤30.00	PASS
	Ant2	5755	1.45	≤30.00	PASS
	total	5755	4.52	≤29.83	PASS
	Ant1	5795	1.42	≤30.00	PASS
	Ant2	5795	0.99	≤30.00	PASS
	total	5795	4.22	≤29.83	PASS
11AC20MIMO	Ant1	5180	6.85	≤11.00	PASS
	Ant2	5180	7.20	≤11.00	PASS
	total	5180	10.04	≤11.00	PASS
	Ant1	5200	7.05	≤11.00	PASS
	Ant2	5200	6.62	≤11.00	PASS
	total	5200	9.85	≤11.00	PASS
	Ant1	5240	7.26	≤11.00	PASS
	Ant2	5240	6.71	≤11.00	PASS
	total	5240	10.00	≤11.00	PASS
	Ant1	5745	4.68	≤30.00	PASS
	Ant2	5745	3.78	≤30.00	PASS
	total	5745	7.26	≤29.83	PASS
	Ant1	5785	3.89	≤30.00	PASS
	Ant2	5785	4.18	≤30.00	PASS
	total	5785	7.05	≤29.83	PASS
	Ant1	5825	4.22	≤30.00	PASS
	Ant2	5825	4.01	≤30.00	PASS
	total	5825	7.13	≤29.83	PASS
11AC40MIMO	Ant1	5190	1.44	≤11.00	PASS
	Ant2	5190	1.56	≤11.00	PASS
	total	5190	4.51	≤11.00	PASS
	Ant1	5230	3.69	≤11.00	PASS
	Ant2	5230	4.13	≤11.00	PASS
	total	5230	6.93	≤11.00	PASS
	Ant1	5755	1.42	≤30.00	PASS
	Ant2	5755	0.81	≤30.00	PASS
	total	5755	4.14	≤29.83	PASS
	Ant1	5795	1.04	≤30.00	PASS
	Ant2	5795	1.00	≤30.00	PASS
	total	5795	4.03	≤29.83	PASS
11AC80MIMO	Ant1	5210	-1.76	≤11.00	PASS
	Ant2	5210	-1.18	≤11.00	PASS
	total	5210	1.55	≤11.00	PASS
	Ant1	5775	-3.85	≤30.00	PASS
	Ant2	5775	-4.00	≤30.00	PASS
	total	5775	-0.91	≤29.83	PASS
11AX20MIMO	Ant1	5180	5.97	≤11.00	PASS

	Ant2	5180	5.86	≤11.00	PASS
	total	5180	8.93	≤11.00	PASS
	Ant1	5200	5.80	≤11.00	PASS
	Ant2	5200	5.28	≤11.00	PASS
	total	5200	8.56	≤11.00	PASS
	Ant1	5240	5.47	≤11.00	PASS
	Ant2	5240	5.66	≤11.00	PASS
	total	5240	8.58	≤11.00	PASS
	Ant1	5745	2.73	≤30.00	PASS
	Ant2	5745	2.50	≤30.00	PASS
	total	5745	5.63	≤29.83	PASS
	Ant1	5785	2.92	≤30.00	PASS
	Ant2	5785	2.25	≤30.00	PASS
	total	5785	5.61	≤29.83	PASS
	Ant1	5825	2.79	≤30.00	PASS
	Ant2	5825	2.65	≤30.00	PASS
	total	5825	5.73	≤29.83	PASS
11AX40MIMO	Ant1	5190	0.96	≤11.00	PASS
	Ant2	5190	0.38	≤11.00	PASS
	total	5190	3.69	≤11.00	PASS
	Ant1	5230	0.49	≤11.00	PASS
	Ant2	5230	0.49	≤11.00	PASS
	total	5230	3.50	≤11.00	PASS
	Ant1	5755	-2.13	≤30.00	PASS
	Ant2	5755	-2.48	≤30.00	PASS
	total	5755	0.71	≤29.83	PASS
	Ant1	5795	-1.70	≤30.00	PASS
	Ant2	5795	-2.29	≤30.00	PASS
	total	5795	1.03	≤29.83	PASS
11AX80MIMO	Ant1	5210	-1.56	≤11.00	PASS
	Ant2	5210	-1.84	≤11.00	PASS
	total	5210	1.31	≤11.00	PASS
	Ant1	5775	-3.87	≤30.00	PASS
	Ant2	5775	-4.39	≤30.00	PASS
	total	5775	-1.11	≤29.83	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



11N20MIMO_Ant2_5785



11N20MIMO_Ant1_5825



11N20MIMO_Ant2_5825



11N40MIMO_Ant1_5190



11N40MIMO_Ant2_5190



11N40MIMO_Ant1_5230