

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

General Description of EUT	
Product Name:	tablet computer
Test Model:	AYANEO AIR
Sample ID:	RW-C-202205-0297-6-2#
Environmental Conditions	
Temperature:	25℃
Relative Humidity:	55%
Test Voltage:	DC 11.55V
Test Engineer:	Huang jian ping
Note: For a more detailed features description, please refer to the report TBR-C-202205-0297-173	

Contents

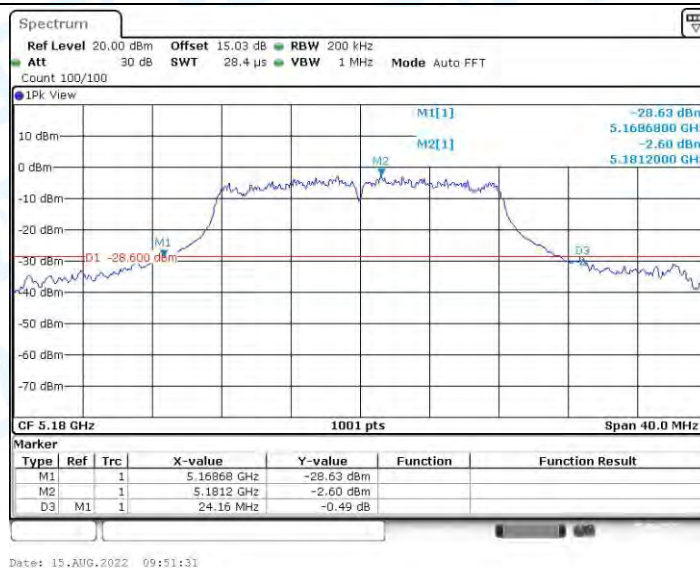
1. Emission Bandwidth.....	3
1.1. Test Result.....	3
2.1. Test Graphs	4
2. Occupied channel bandwidth	18
2.1. Test Result.....	18
2.2. Test Graphs	20
3. Min emission bandwidth	47
3.1. Test Result.....	47
3.2. Test Graphs	48
4. Maximum conducted output power.....	62
4.1. Test Result.....	62
5. Maximum power spectral density	65
5.1. Test Result.....	65
5.2. Test Graphs	68
6. Conducted Spurious Emission.....	95
6.1. Test Result.....	95
6.2. Test Graphs	99
7. Frequency Stability	153
7.1. Test Result.....	153
8. Duty Cycle	160
8.1. Test Result.....	160
8.2. Test Graphs	162

1. Emission Bandwidth

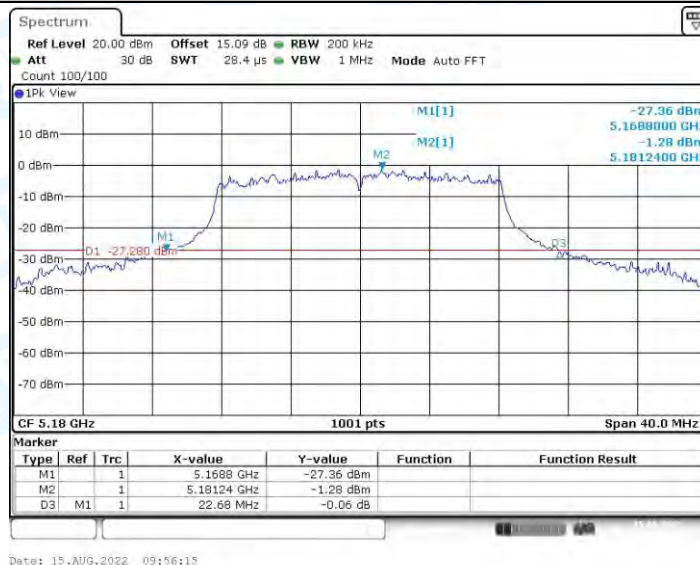
1.1. Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant0	5180	24.16	5168.68	5192.84	---	---
	Ant1	5180	22.68	5168.80	5191.48	---	---
	Ant0	5220	24.08	5208.28	5232.36	---	---
	Ant1	5220	29.64	5204.40	5234.04	---	---
	Ant0	5240	21.60	5230.08	5251.68	---	---
	Ant1	5240	23.16	5228.28	5251.44	---	---
11N20MIMO	Ant0	5180	24.84	5167.88	5192.72	---	---
	Ant1	5180	29.36	5164.96	5194.32	---	---
	Ant0	5220	23.88	5207.60	5231.48	---	---
	Ant1	5220	26.20	5206.60	5232.80	---	---
	Ant0	5240	21.28	5229.36	5250.64	---	---
	Ant1	5240	25.56	5226.04	5251.60	---	---
11N40MIMO	Ant0	5190	41.76	5169.20	5210.96	---	---
	Ant1	5190	40.08	5169.84	5209.92	---	---
	Ant0	5230	41.20	5209.36	5250.56	---	---
	Ant1	5230	39.92	5210.08	5250.00	---	---
11AC20MIMO	Ant0	5180	23.80	5168.36	5192.16	---	---
	Ant1	5180	23.60	5168.68	5192.28	---	---
	Ant0	5220	24.44	5207.16	5231.60	---	---
	Ant1	5220	24.72	5207.72	5232.44	---	---
	Ant0	5240	20.16	5229.96	5250.12	---	---
	Ant1	5240	20.64	5229.56	5250.20	---	---
11AC40MIMO	Ant0	5190	40.96	5169.60	5210.56	---	---
	Ant1	5190	44.80	5165.12	5209.92	---	---
	Ant0	5230	40.16	5209.92	5250.08	---	---
	Ant1	5230	47.28	5203.12	5250.40	---	---
11AC80MIMO	Ant0	5210	84.48	5165.52	5250.00	---	---
	Ant1	5210	92.00	5157.84	5249.84	---	---
11AX20MIMO	Ant0	5180	21.48	5169.28	5190.76	---	---
	Ant1	5180	22.44	5168.76	5191.20	---	---
	Ant0	5220	26.56	5204.48	5231.04	---	---
	Ant1	5220	25.80	5207.52	5233.32	---	---
	Ant0	5240	20.00	5229.96	5249.96	---	---
	Ant1	5240	20.00	5230.04	5250.04	---	---
11AX40MIMO	Ant0	5190	45.76	5169.12	5214.88	---	---
	Ant1	5190	44.72	5170.08	5214.80	---	---
	Ant0	5230	39.44	5210.32	5249.76	---	---
	Ant1	5230	39.84	5210.08	5249.92	---	---
11AX80MIMO	Ant0	5210	80.16	5170.00	5250.16	---	---
	Ant1	5210	80.32	5169.84	5250.16	---	---

2.1. Test Graphs



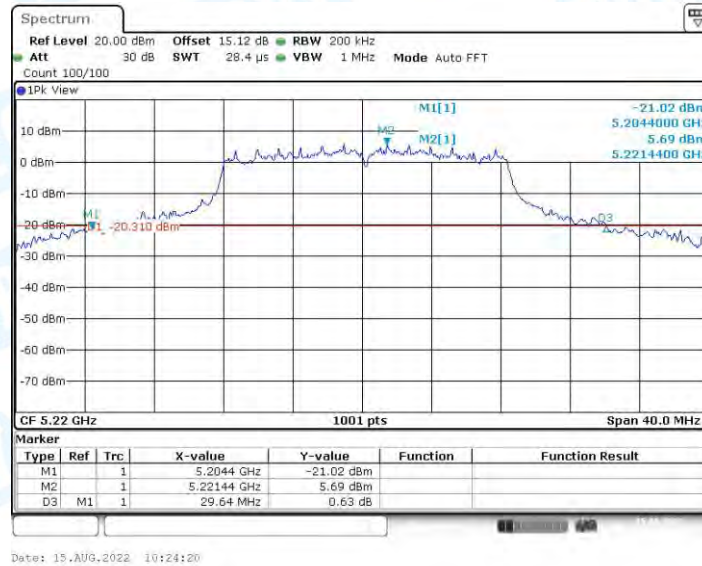
11A-CDD_Ant0_5180



11A-CDD_Ant1_5180



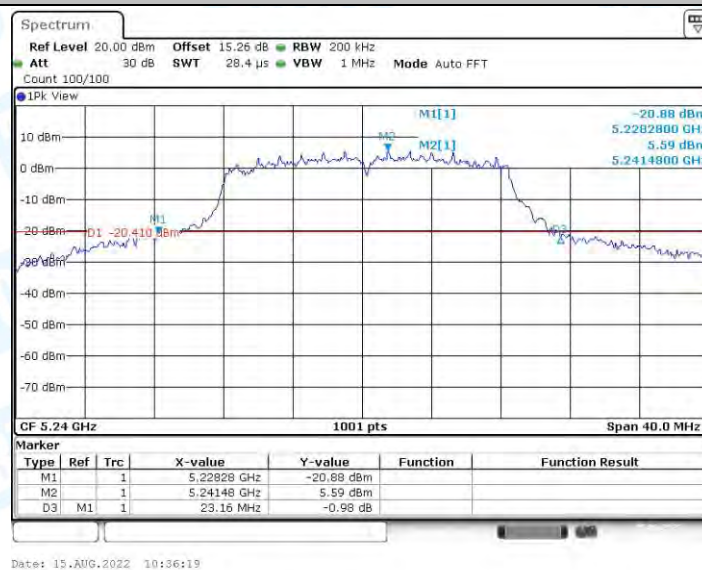
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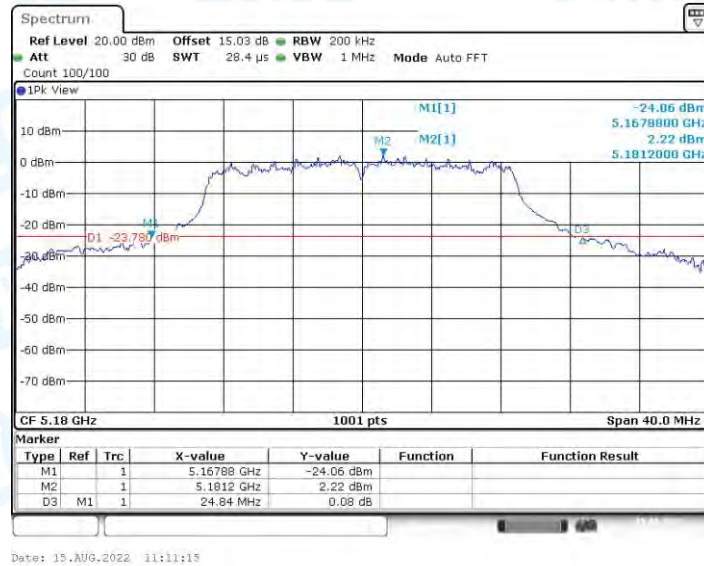
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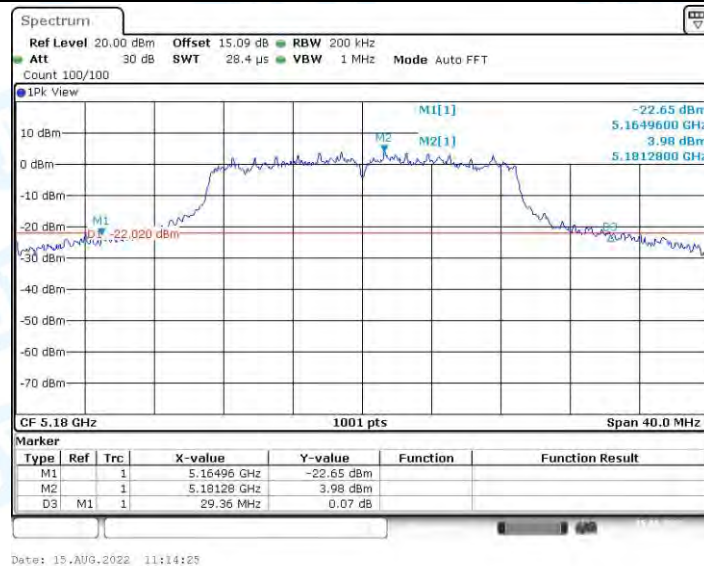
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11A-CDD_Ant1_5240



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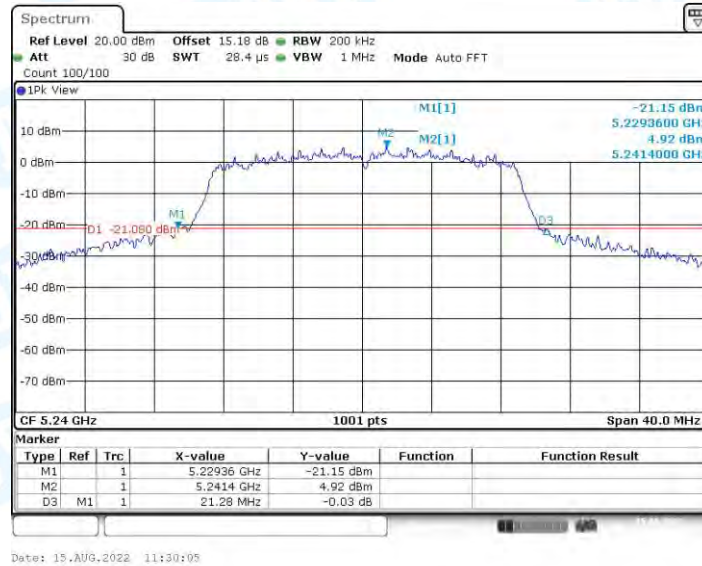
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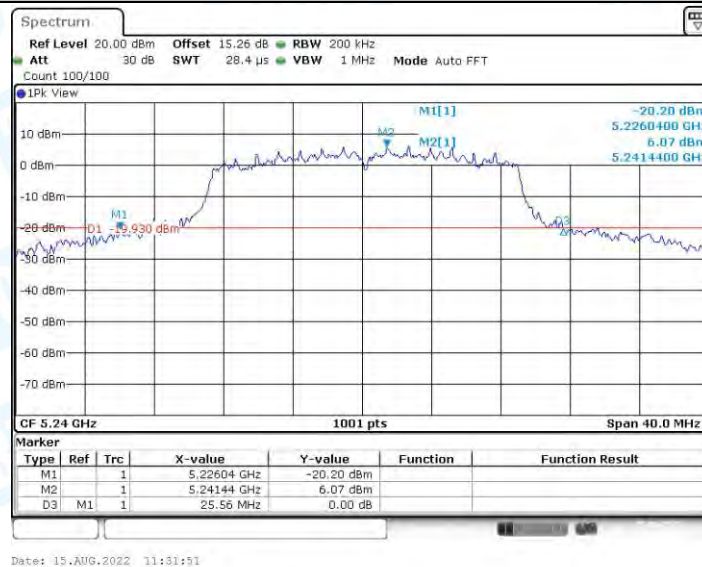
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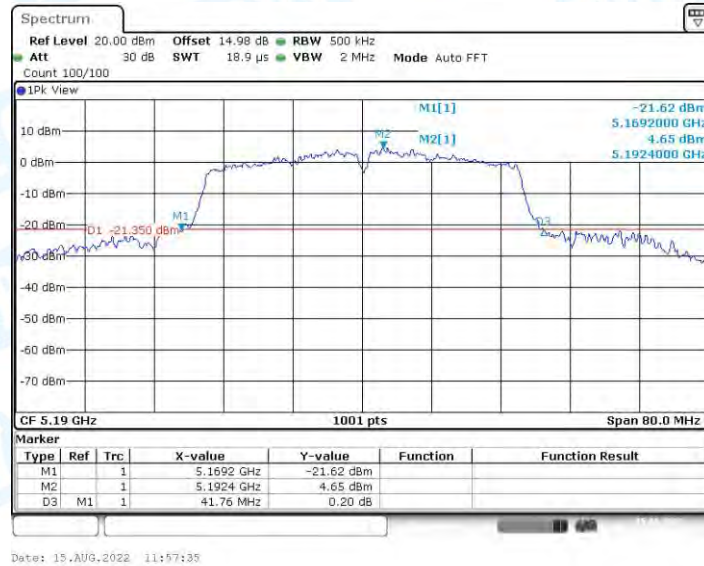
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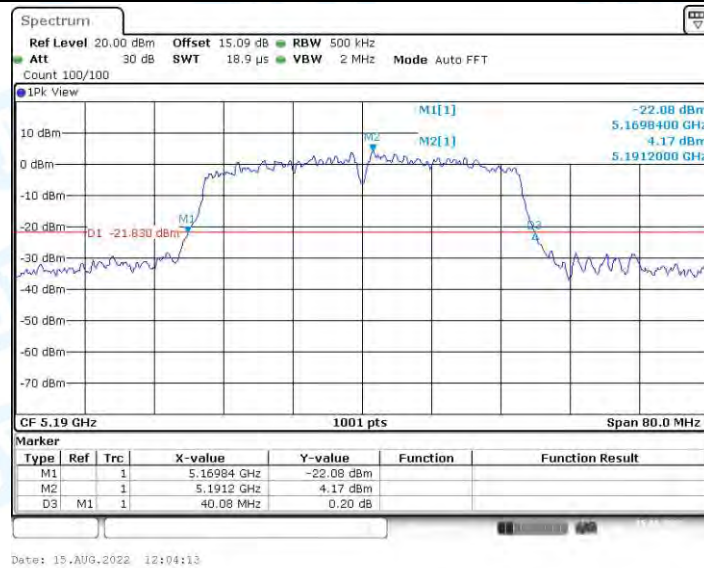
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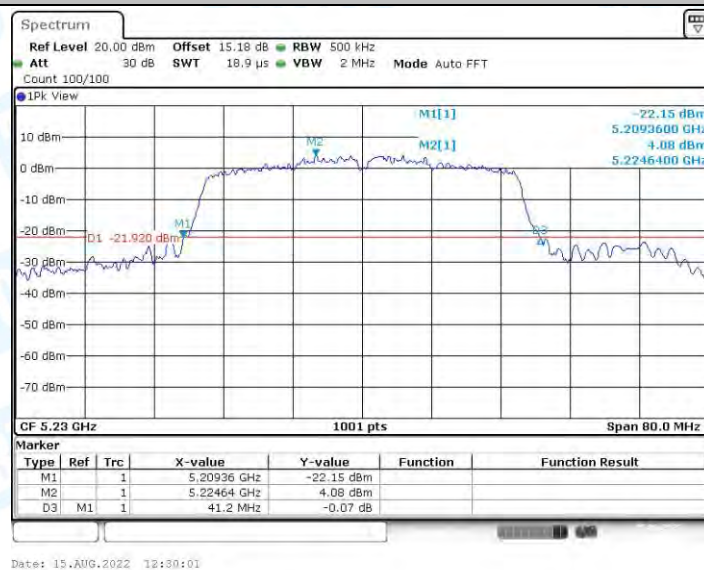
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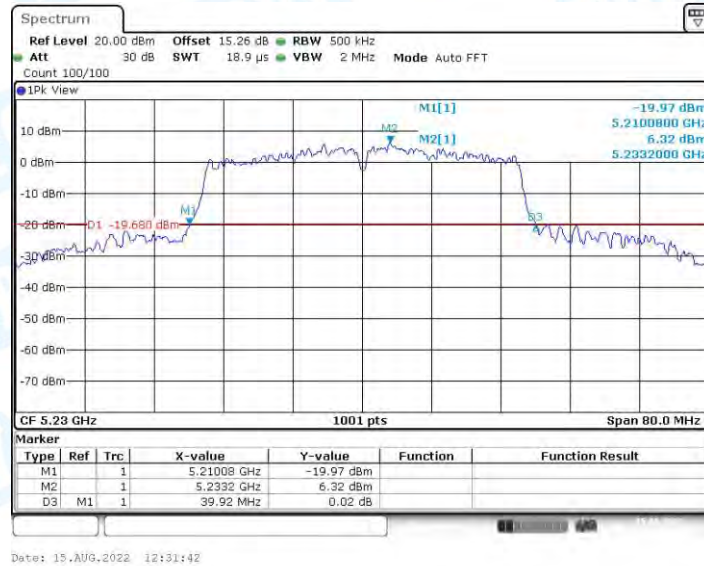
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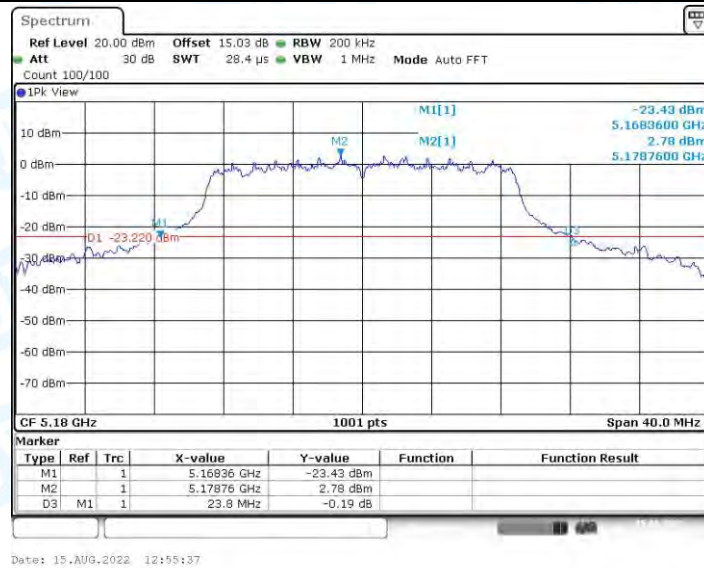
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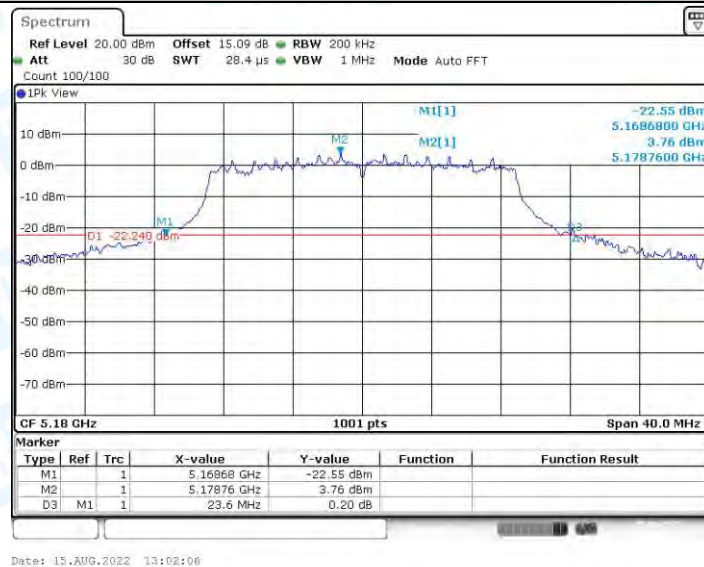
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11N40MIMO_Ant1_5230



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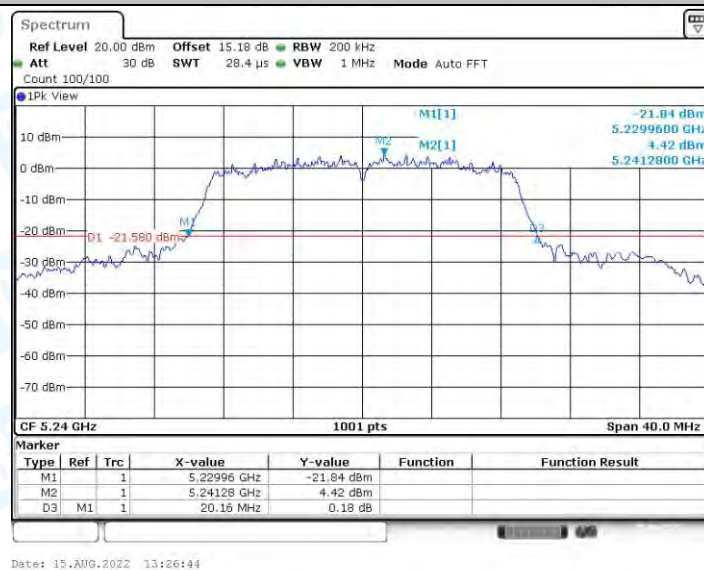
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11AC20MIMO_Ant0_5220



11AC20MIMO_Ant1_5220



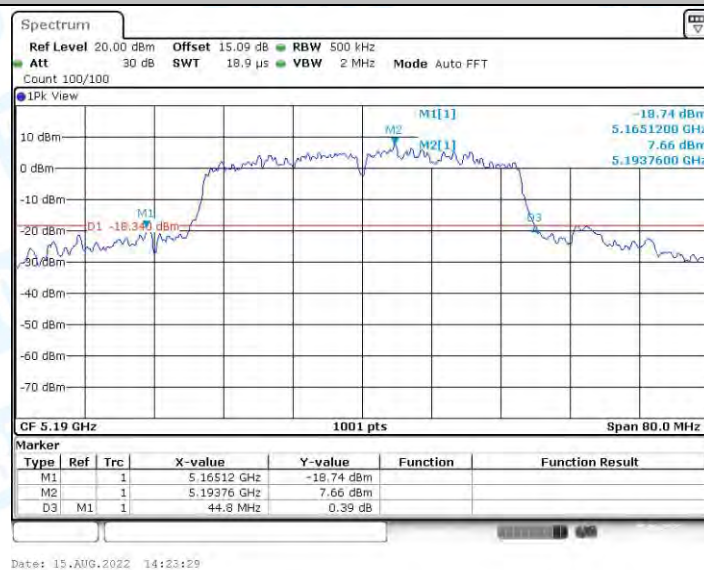
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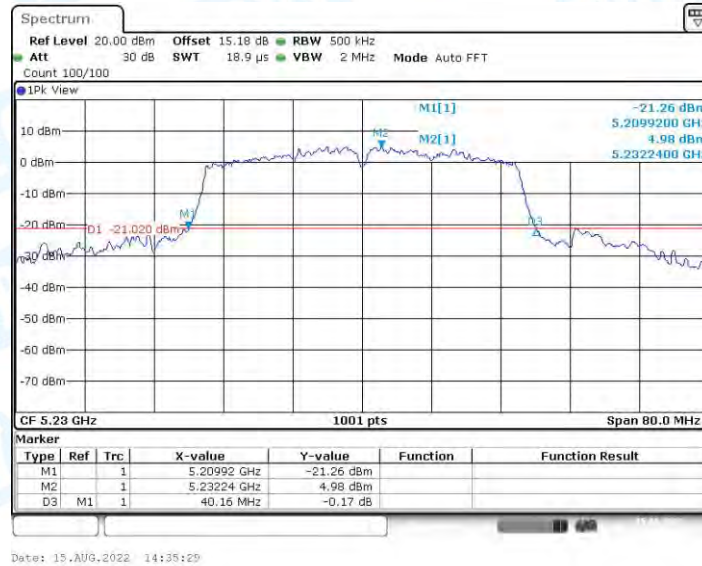
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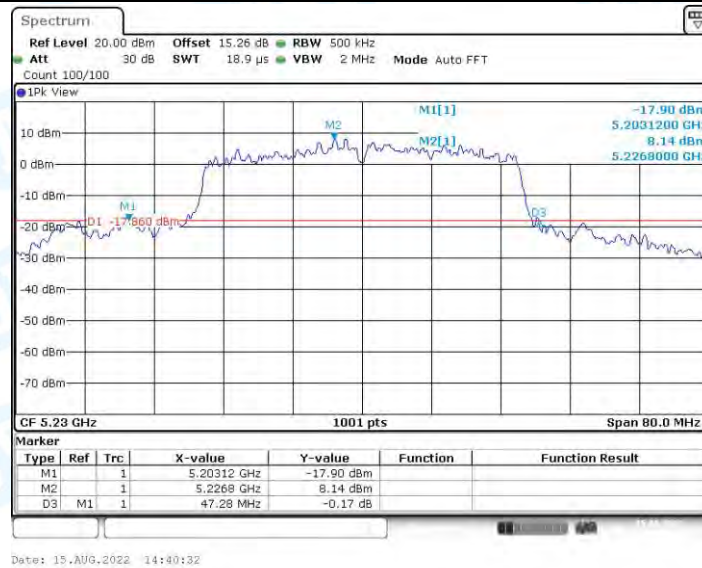
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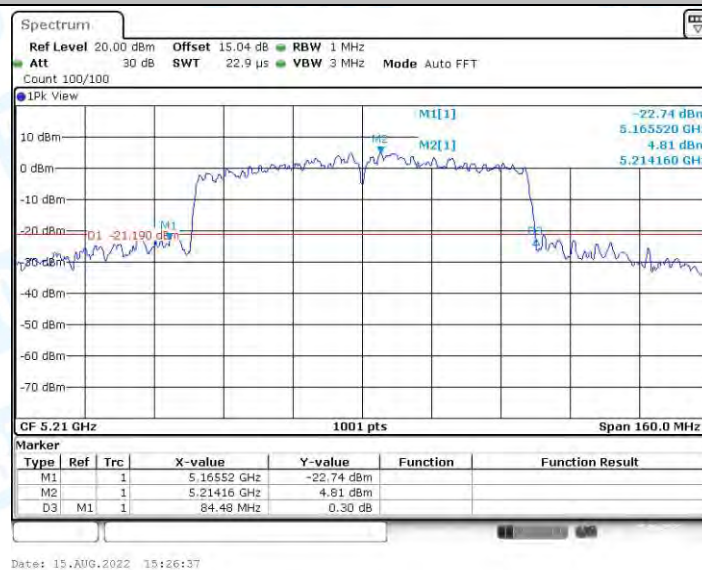
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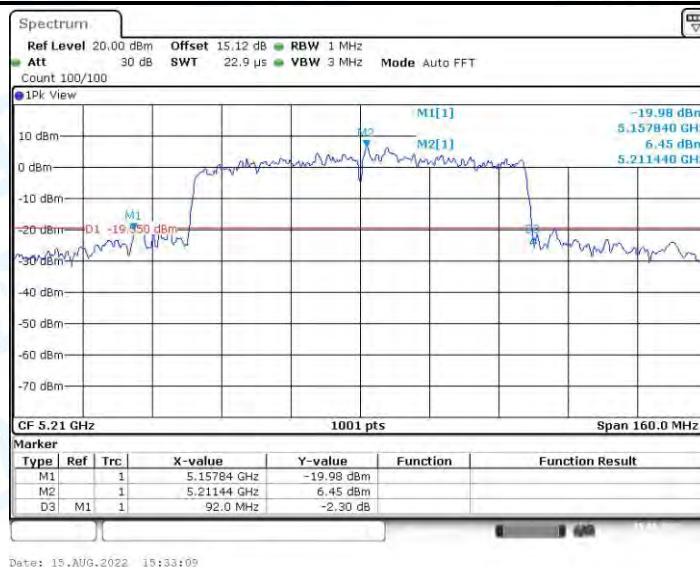
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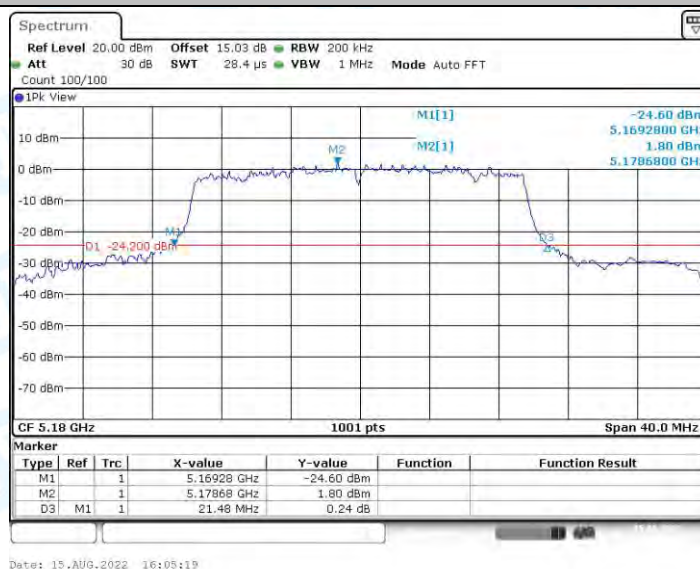
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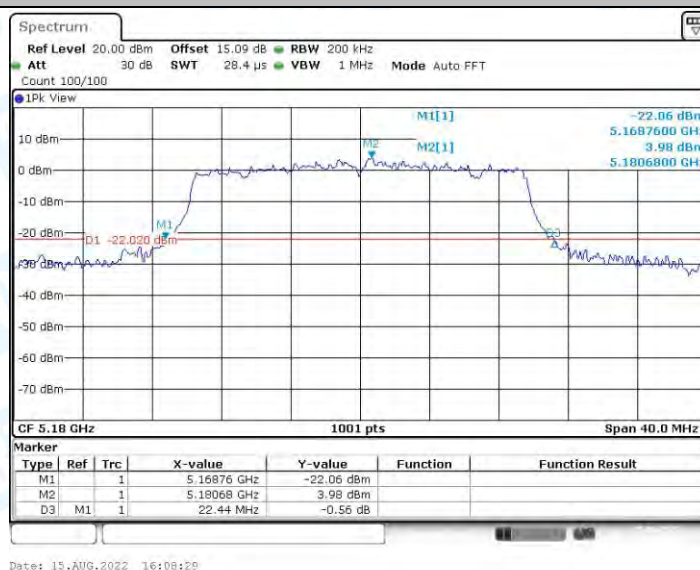
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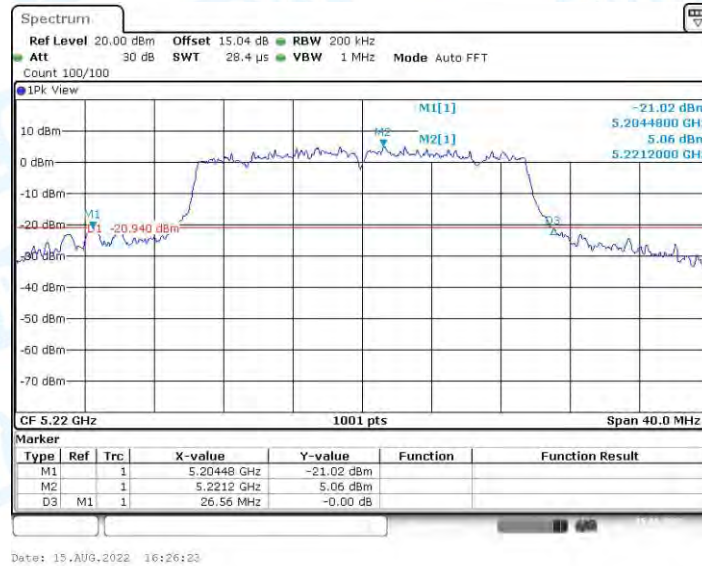
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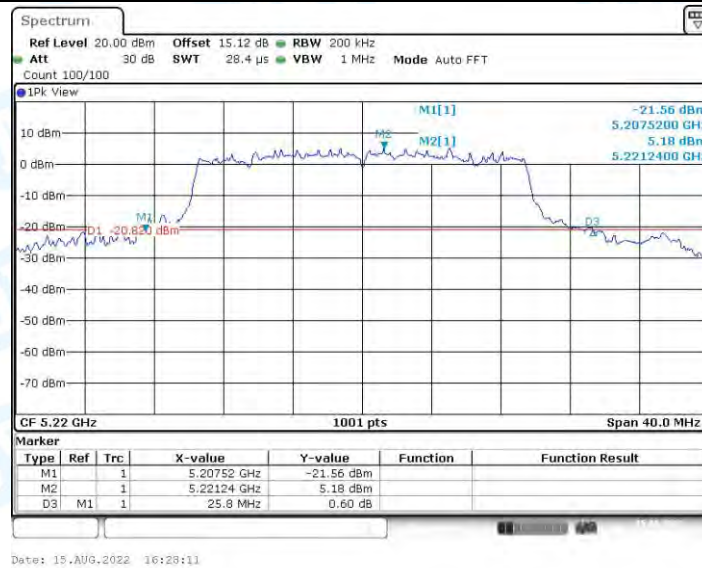
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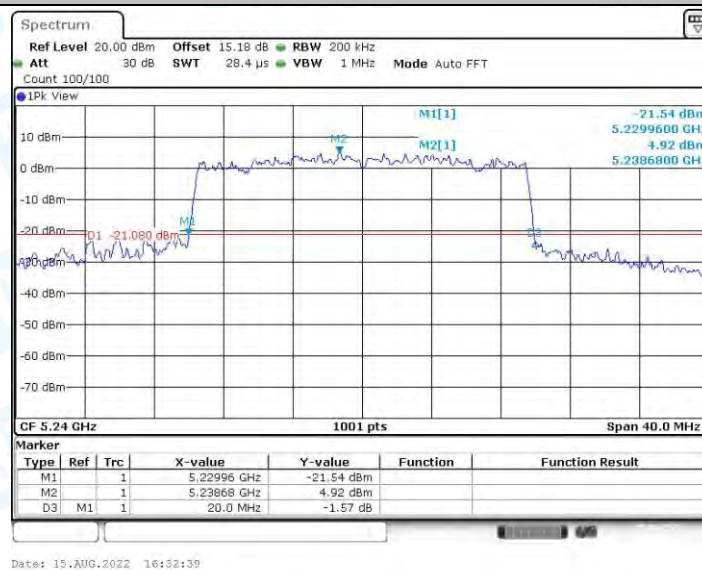
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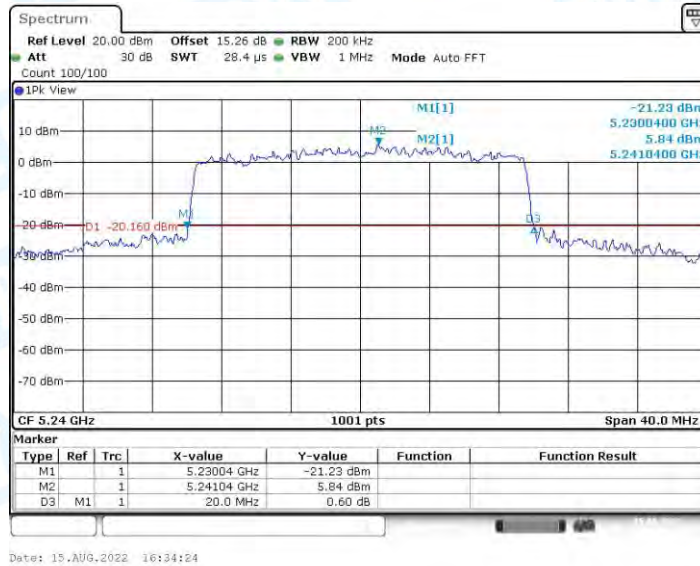
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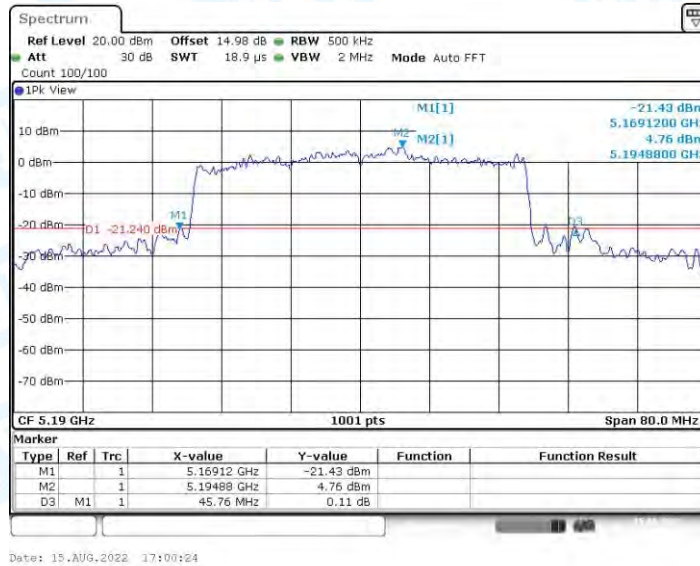
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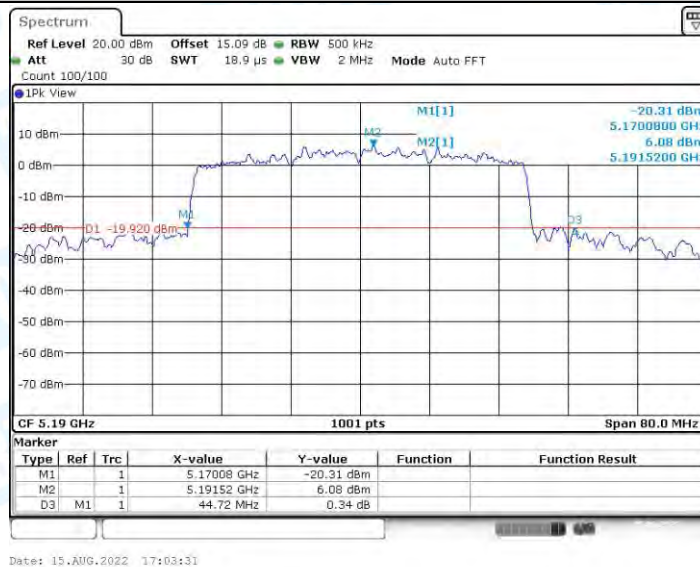
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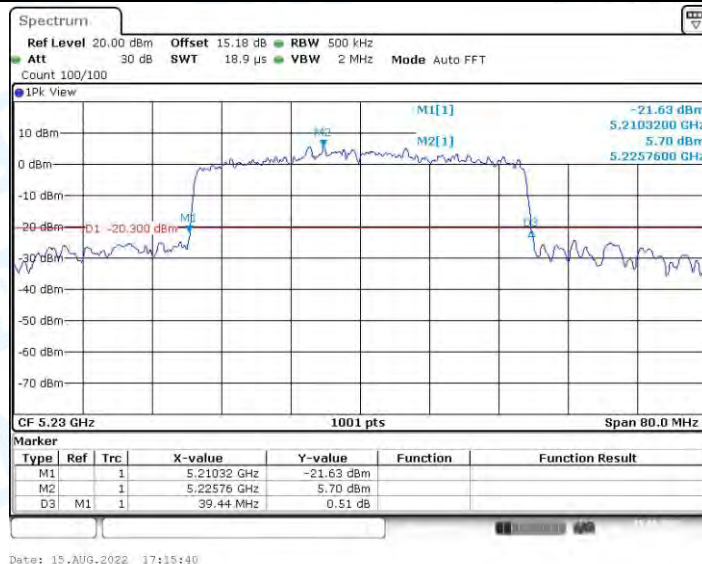
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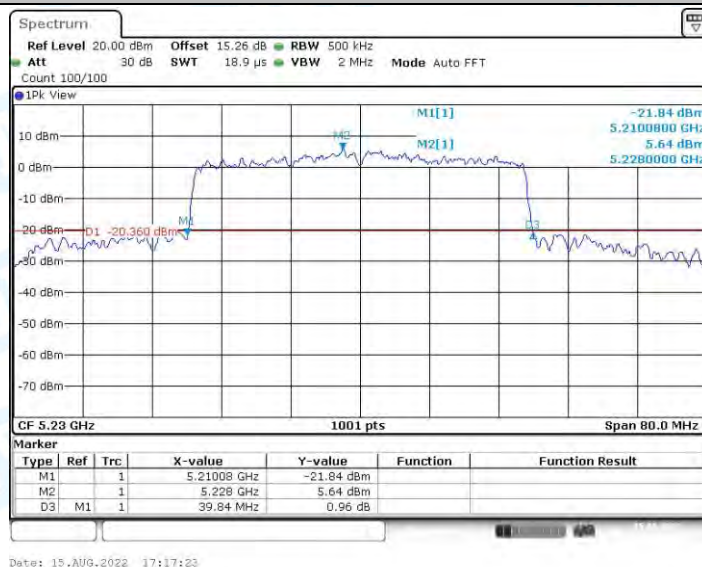
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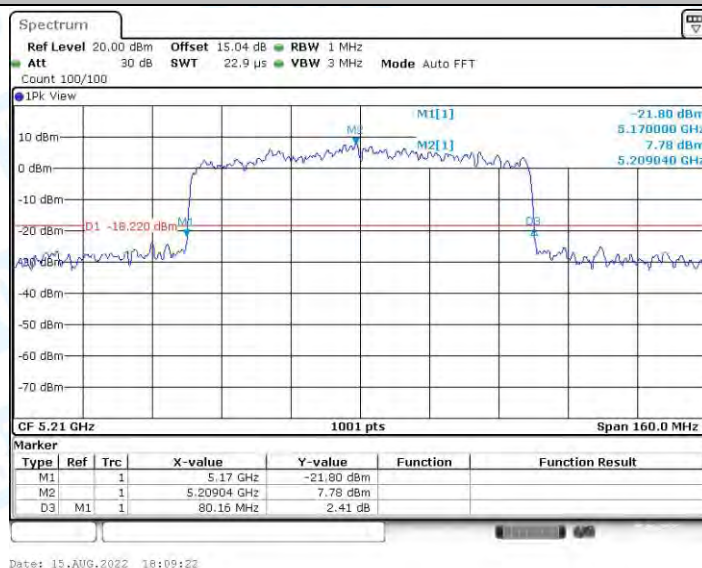
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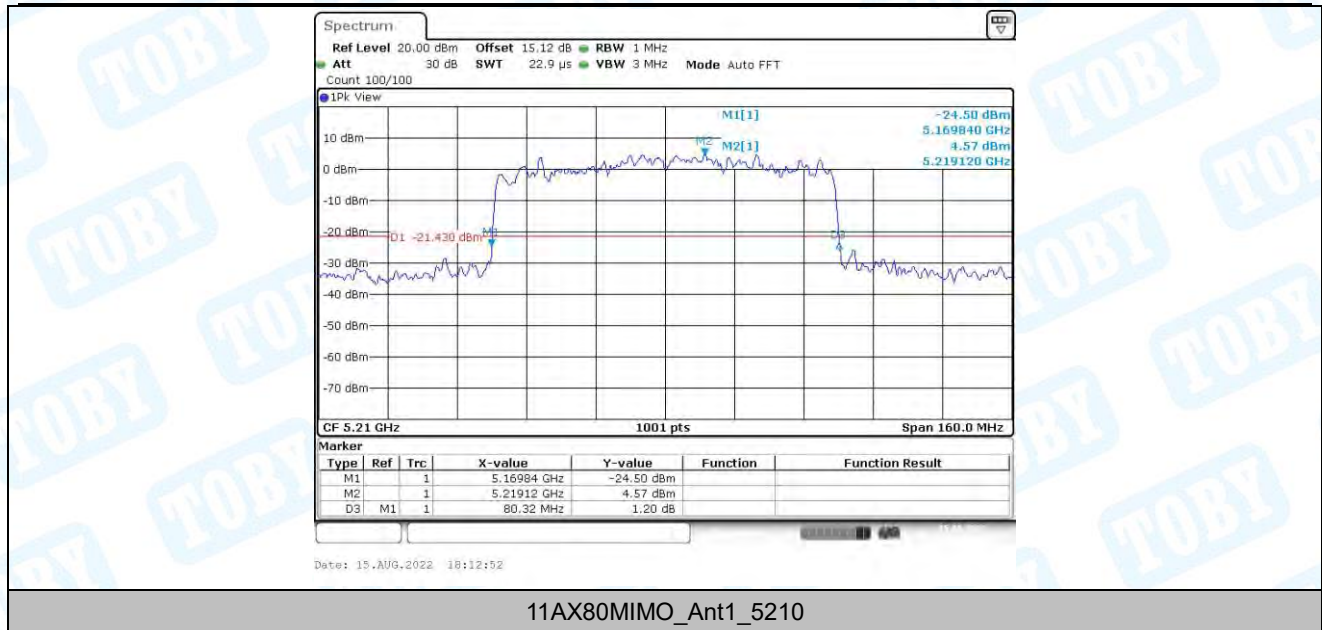
11AX40MIMO_Ant0_5230



11AX40MIMO_Ant1_5230



11AX80MIMO_Ant0_5210



2. Occupied channel bandwidth

2.1. Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant0	5180	17.542	5171.608	5189.151	---	---
	Ant1	5180	17.263	5171.289	5188.551	---	---
	Ant0	5220	17.702	5210.969	5228.671	---	---
	Ant1	5220	17.702	5210.849	5228.551	---	---
	Ant0	5240	16.743	5231.768	5248.511	---	---
	Ant1	5240	17.103	5231.728	5248.831	---	---
	Ant0	5745	18.501	5735.889	5754.391	---	---
	Ant1	5745	18.022	5735.809	5753.831	---	---
	Ant0	5785	19.141	5774.970	5794.111	---	---
	Ant1	5785	17.702	5776.489	5794.191	---	---
	Ant0	5825	17.622	5816.329	5833.951	---	---
	Ant1	5825	17.822	5816.129	5833.951	---	---
11N20MIMO	Ant0	5180	18.262	5170.889	5189.151	---	---
	Ant1	5180	19.54	5169.570	5189.111	---	---
	Ant0	5220	19.261	5210.370	5229.630	---	---
	Ant1	5220	18.541	5210.689	5229.231	---	---
	Ant0	5240	18.062	5231.049	5249.111	---	---
	Ant1	5240	17.942	5231.329	5249.271	---	---
	Ant0	5745	18.382	5735.929	5754.311	---	---
	Ant1	5745	19.021	5735.729	5754.750	---	---
	Ant0	5785	18.541	5775.649	5794.191	---	---
	Ant1	5785	18.821	5775.490	5794.311	---	---
	Ant0	5825	19.5	5815.410	5834.910	---	---
	Ant1	5825	18.182	5816.089	5834.271	---	---
11N40MIMO	Ant0	5190	35.964	5172.178	5208.142	---	---
	Ant1	5190	35.964	5172.098	5208.062	---	---
	Ant0	5230	36.044	5212.018	5248.062	---	---
	Ant1	5230	35.724	5212.258	5247.982	---	---
	Ant0	5755	35.964	5737.178	5773.142	---	---
	Ant1	5755	35.884	5736.858	5772.742	---	---
	Ant0	5795	35.724	5777.258	5812.982	---	---
	Ant1	5795	35.964	5777.178	5813.142	---	---
11AC20MIMO	Ant0	5180	19.141	5170.689	5189.830	---	---
	Ant1	5180	18.781	5170.290	5189.071	---	---
	Ant0	5220	19.381	5210.330	5229.710	---	---
	Ant1	5220	17.822	5211.129	5228.951	---	---
	Ant0	5240	17.982	5231.169	5249.151	---	---
	Ant1	5240	17.702	5231.169	5248.871	---	---
	Ant0	5745	18.781	5735.450	5754.231	---	---
	Ant1	5745	19.021	5735.010	5754.031	---	---
	Ant0	5785	18.741	5775.450	5794.191	---	---

	Ant1	5785	18.422	5775.649	5794.071	---	---
	Ant0	5825	18.342	5815.929	5834.271	---	---
	Ant1	5825	18.262	5816.049	5834.311	---	---
11AC40MIMO	Ant0	5190	36.603	5171.698	5208.302	---	---
	Ant1	5190	36.044	5172.098	5208.142	---	---
	Ant0	5230	35.884	5212.098	5247.982	---	---
	Ant1	5230	36.364	5211.938	5248.302	---	---
	Ant0	5755	35.884	5737.018	5772.902	---	---
	Ant1	5755	36.364	5736.538	5772.902	---	---
	Ant0	5795	35.804	5777.178	5812.982	---	---
	Ant1	5795	35.964	5777.018	5812.982	---	---
11AC80MIMO	Ant0	5210	76.244	5172.118	5248.362	---	---
	Ant1	5210	75.445	5172.438	5247.882	---	---
	Ant0	5775	75.445	5737.438	5812.882	---	---
	Ant1	5775	75.604	5736.958	5812.562	---	---
11AX20MIMO	Ant0	5180	19.021	5170.450	5189.471	---	---
	Ant1	5180	18.981	5170.490	5189.471	---	---
	Ant0	5220	19.101	5210.450	5229.550	---	---
	Ant1	5220	19.061	5210.410	5229.471	---	---
	Ant0	5240	18.901	5230.569	5249.471	---	---
	Ant1	5240	19.021	5230.450	5249.471	---	---
	Ant0	5745	18.901	5735.529	5754.431	---	---
	Ant1	5745	19.061	5735.450	5754.510	---	---
	Ant0	5785	19.181	5775.290	5794.471	---	---
	Ant1	5785	19.021	5775.450	5794.471	---	---
	Ant0	5825	19.101	5815.450	5834.550	---	---
	Ant1	5825	19.141	5815.490	5834.630	---	---
11AX40MIMO	Ant0	5190	37.722	5171.219	5208.941	---	---
	Ant1	5190	37.483	5171.219	5208.701	---	---
	Ant0	5230	37.802	5211.059	5248.861	---	---
	Ant1	5230	37.802	5210.979	5248.781	---	---
	Ant0	5755	37.323	5736.379	5773.701	---	---
	Ant1	5755	37.962	5735.659	5773.621	---	---
	Ant0	5795	37.403	5776.379	5813.781	---	---
	Ant1	5795	38.122	5775.899	5814.021	---	---
11AX80MIMO	Ant0	5210	76.404	5171.798	5248.202	---	---
	Ant1	5210	77.682	5171.159	5248.841	---	---
	Ant0	5775	77.682	5735.999	5813.681	---	---
	Ant1	5775	77.043	5736.159	5813.202	---	---

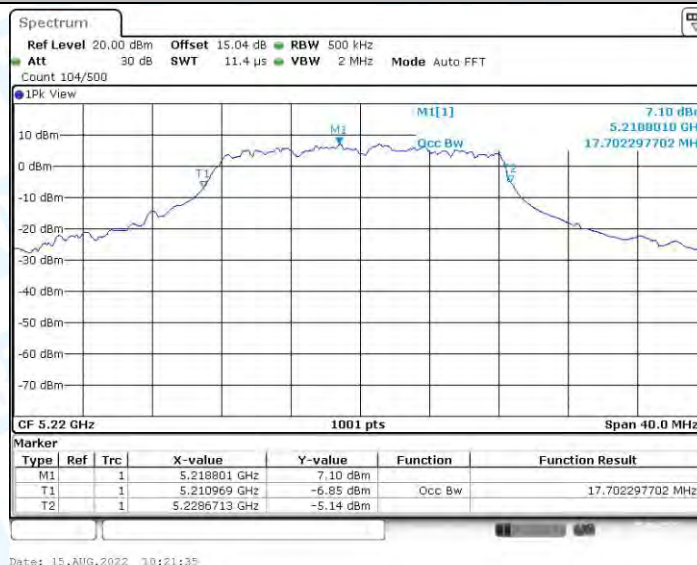
2.2. Test Graphs



11A-CDD_Ant0_5180



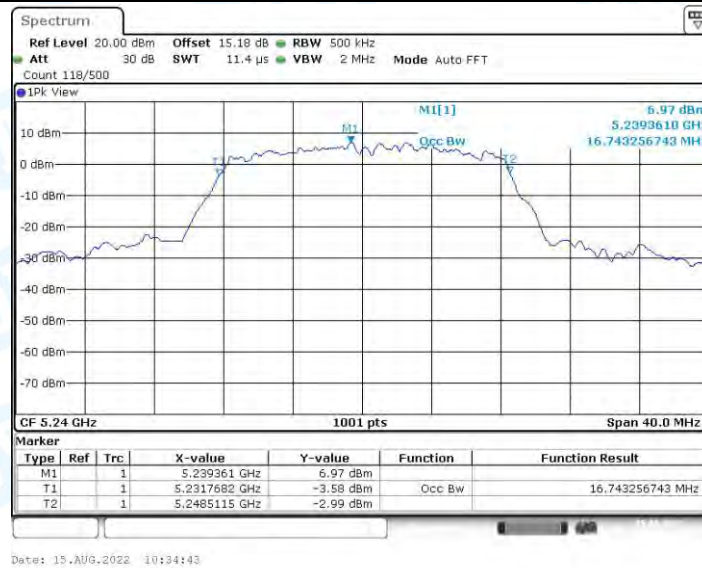
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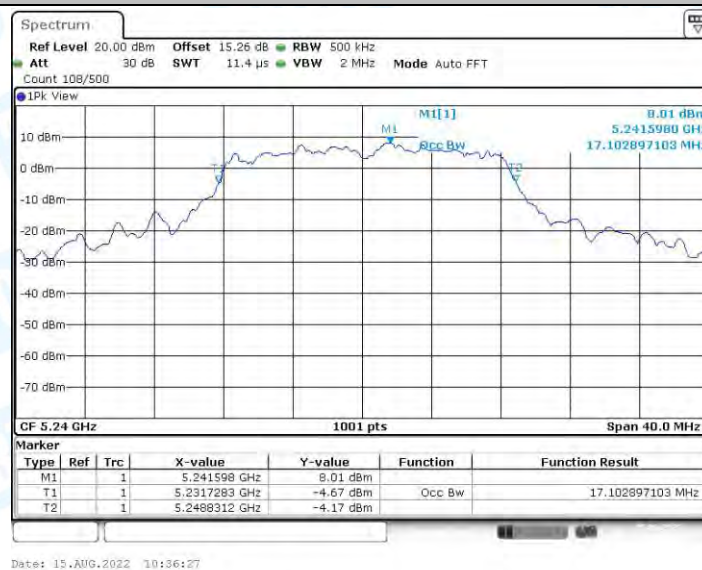
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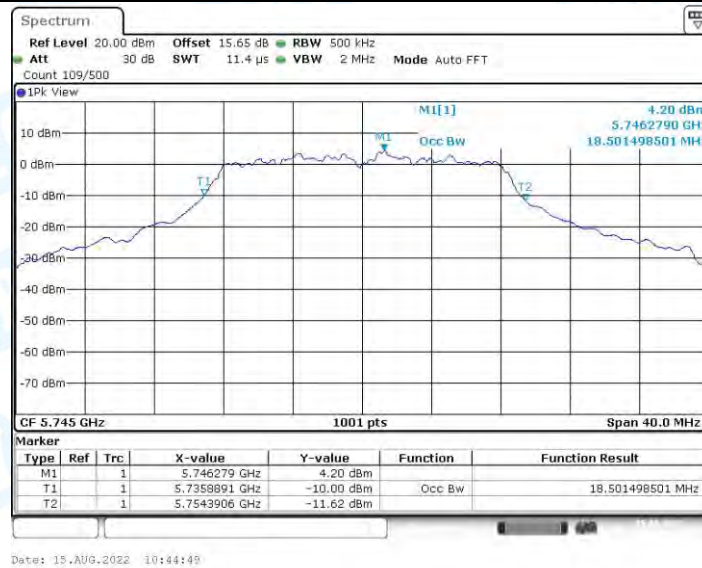
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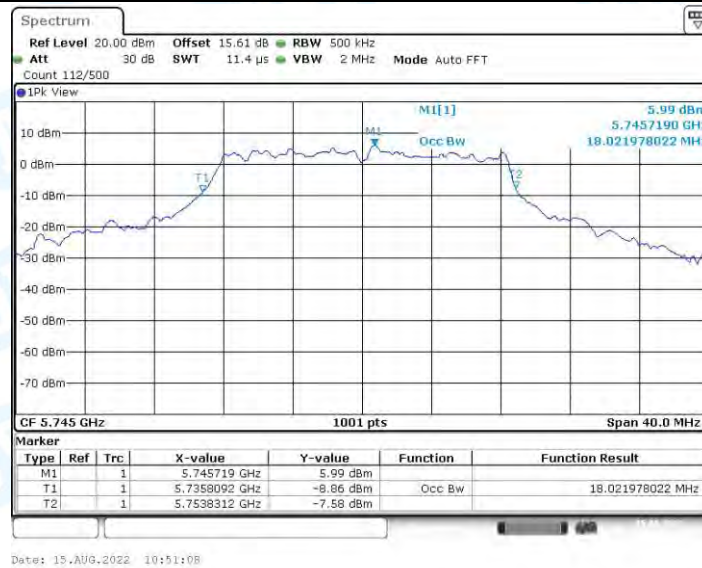
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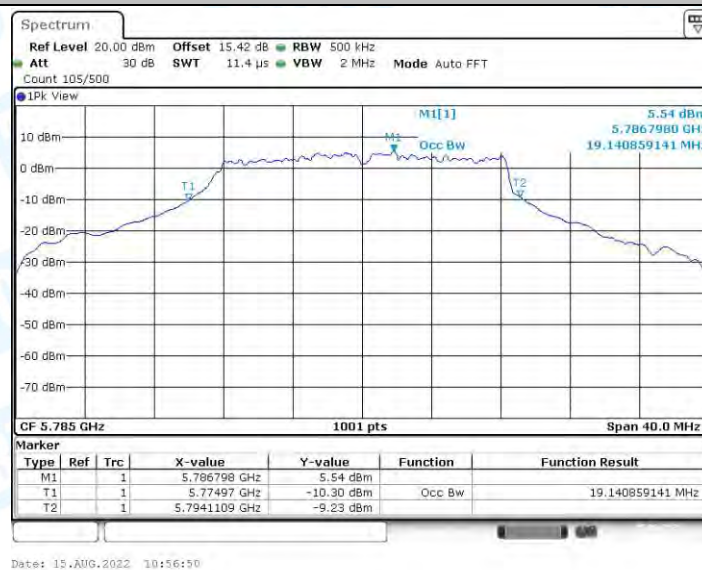
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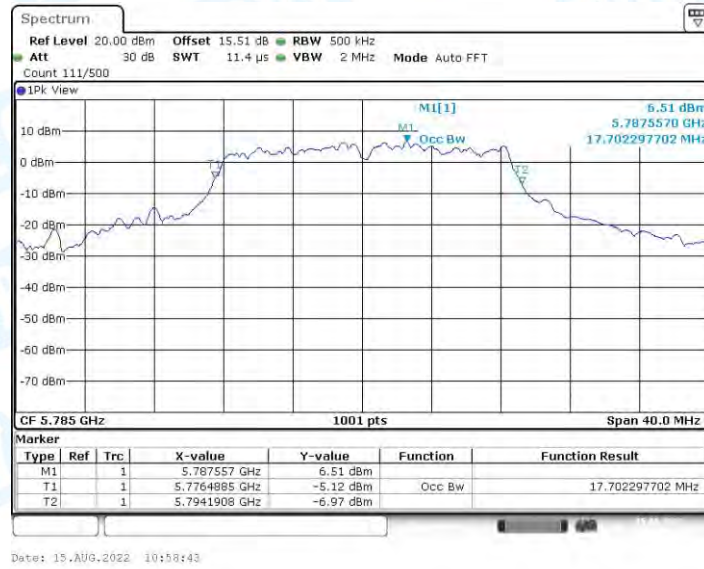
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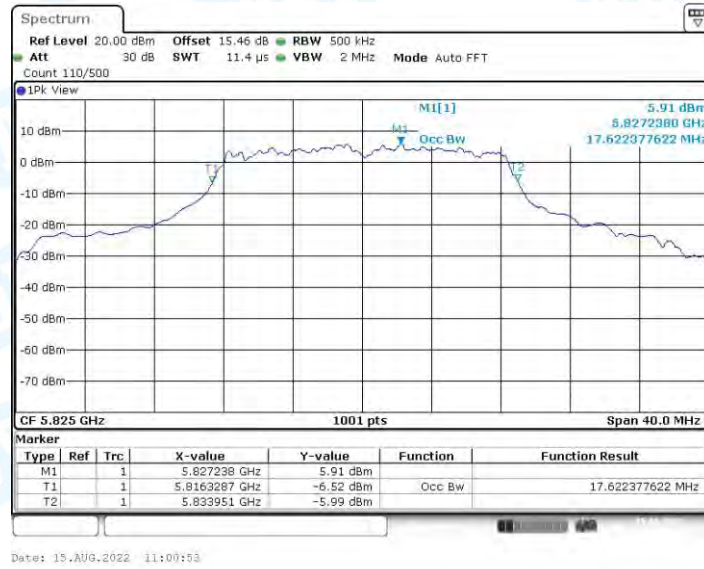
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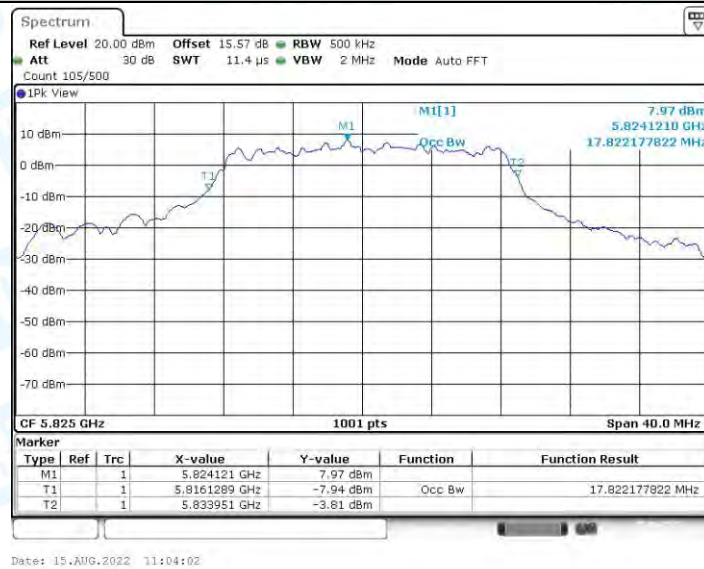
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11A-CDD_Ant1_5785



11A-CDD_Ant0_5825



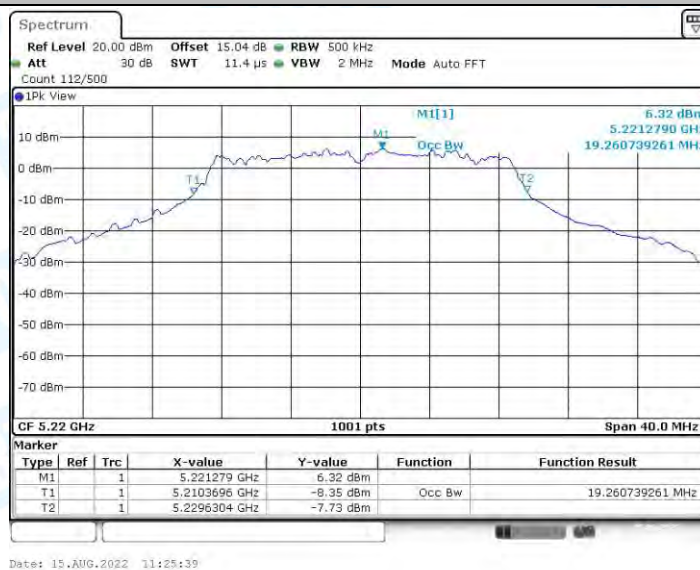
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11N20MIMO_Ant0_5180



11N20MIMO_Ant1_5180



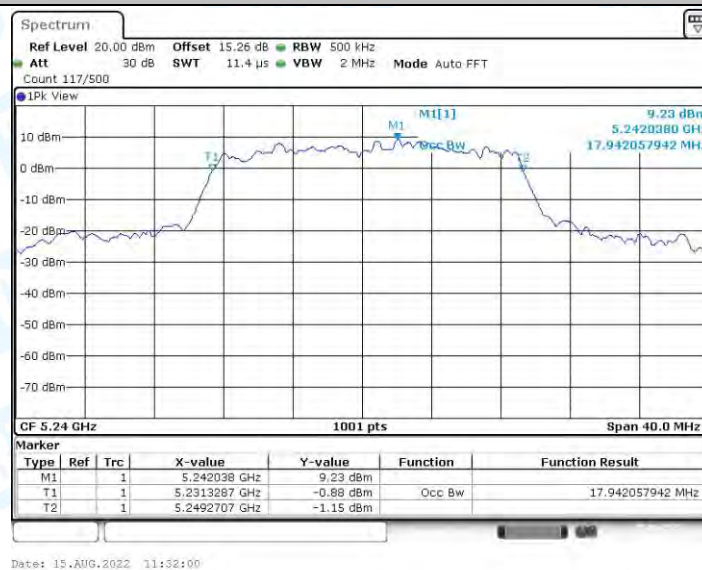
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11N20MIMO_Ant1_5220



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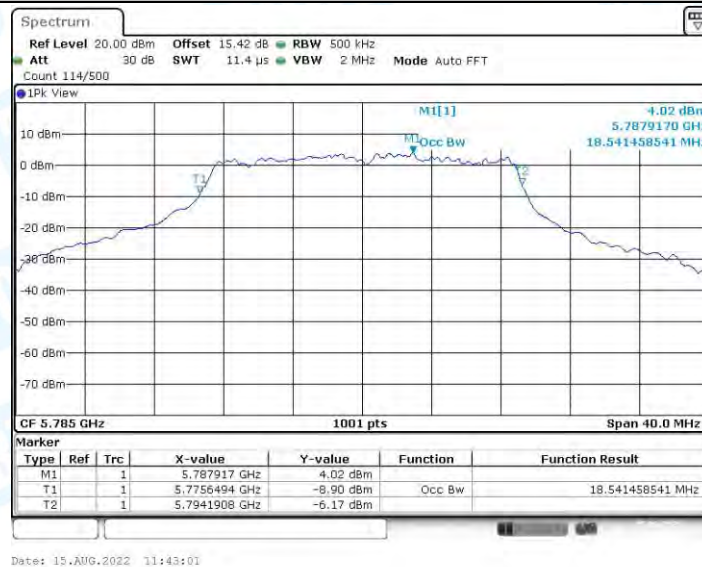
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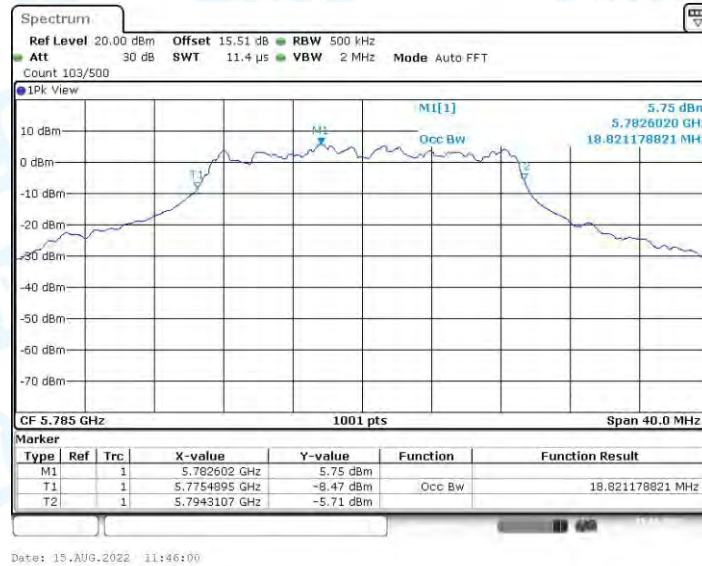
11N20MIMO_Ant0_5745



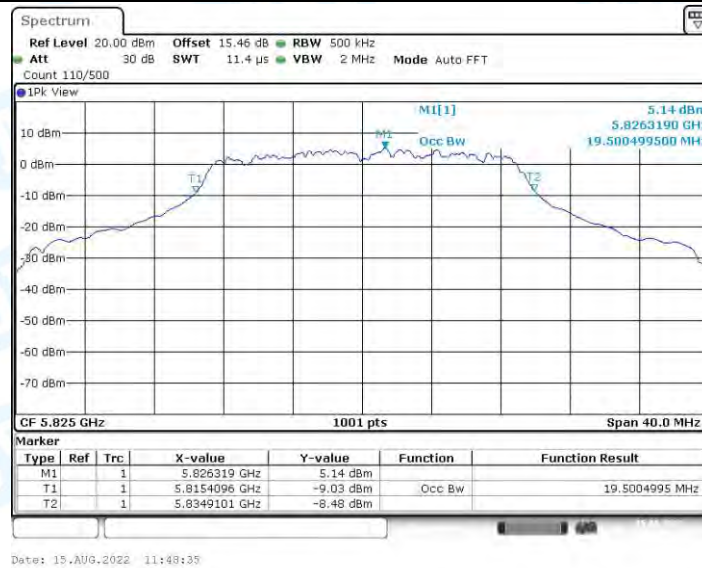
11N20MIMO_Ant1_5745



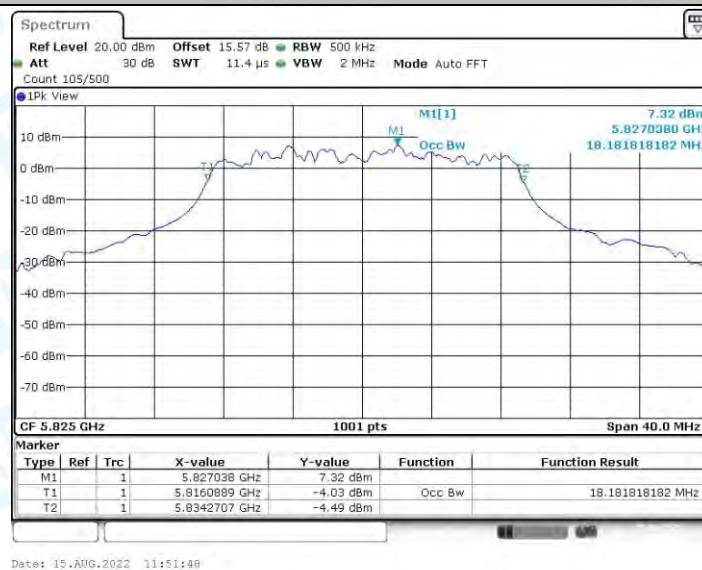
11N20MIMO_Ant0_5785



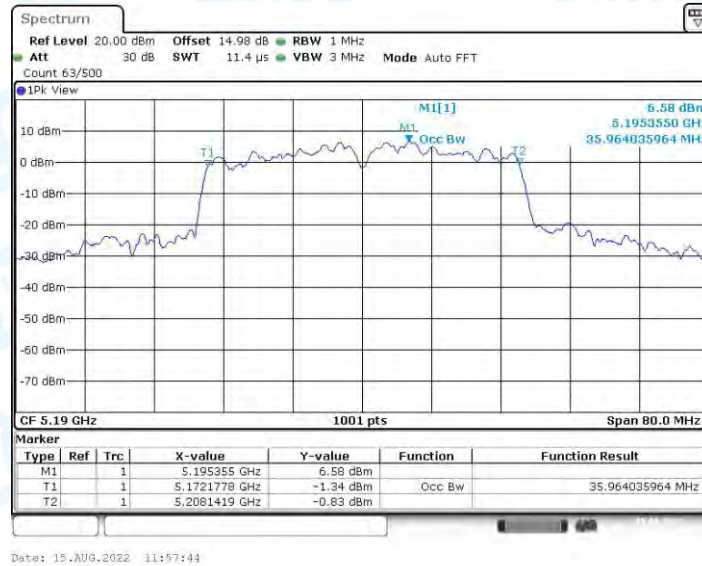
11N20MIMO_Ant1_5785



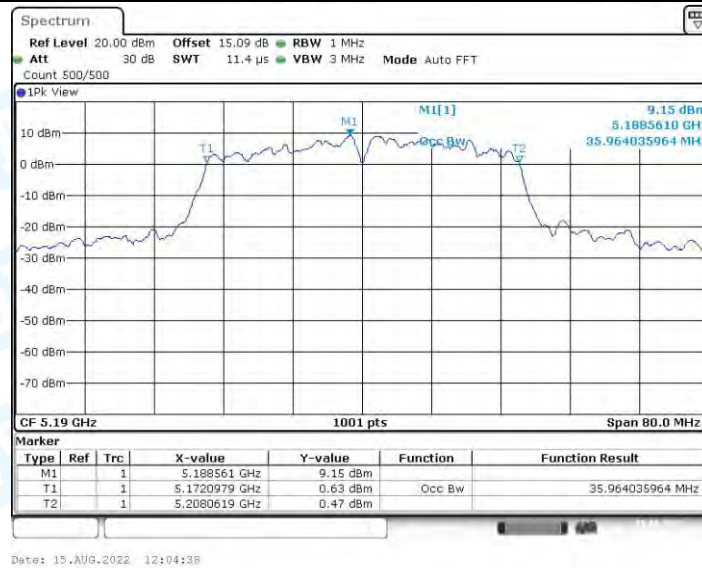
11N20MIMO_Ant0_5825



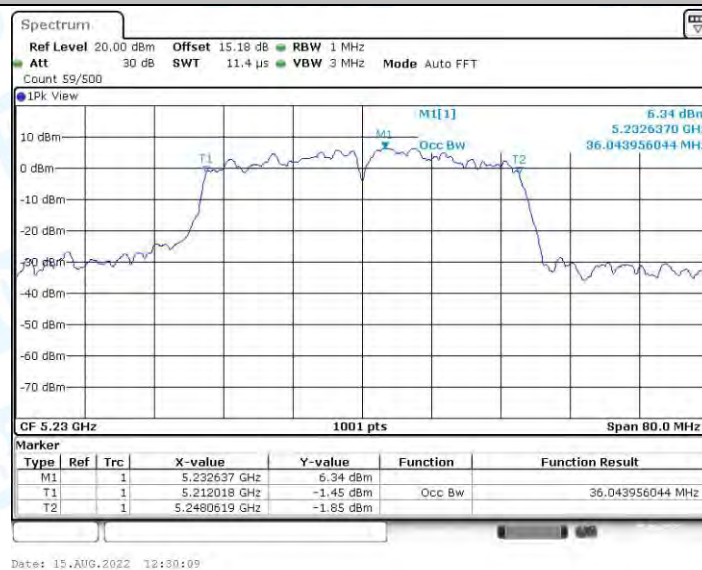
11N20MIMO_Ant1_5825



11N40MIMO_Ant0_5190



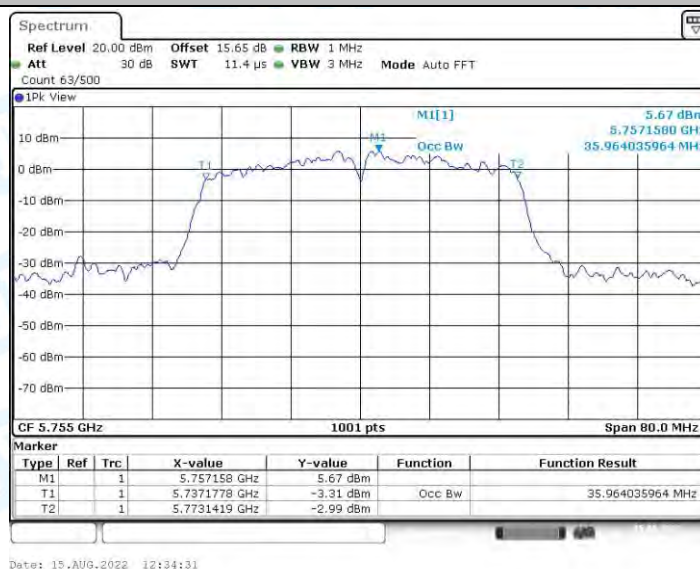
11N40MIMO_Ant1_5190



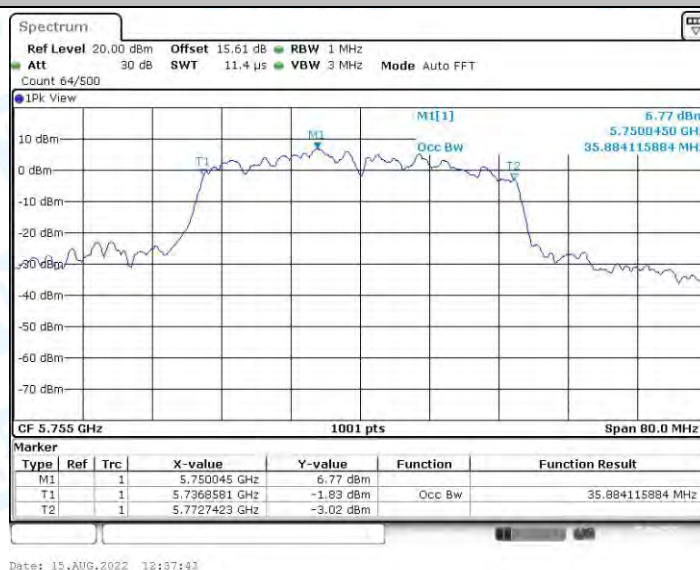
11N40MIMO_Ant0_5230



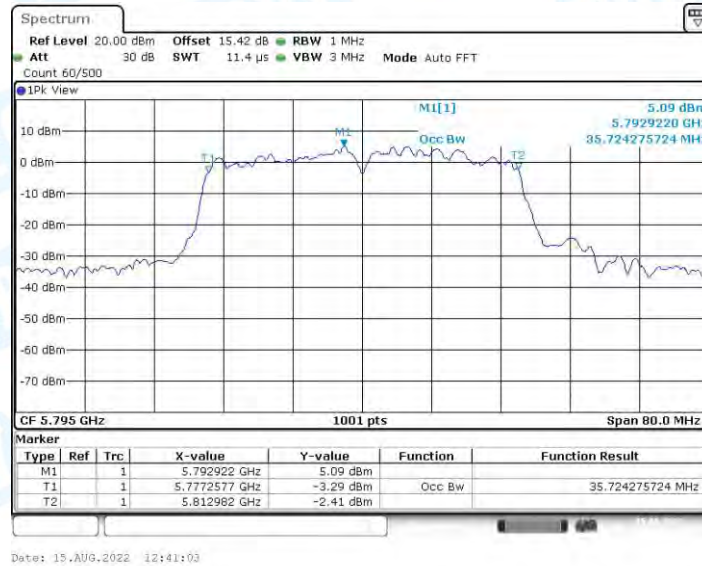
11N40MIMO_Ant1_5230



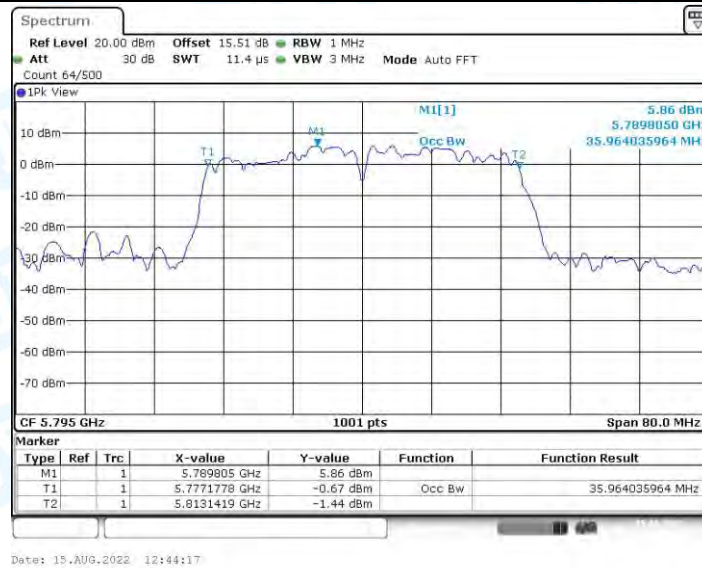
11N40MIMO_Ant0_5755



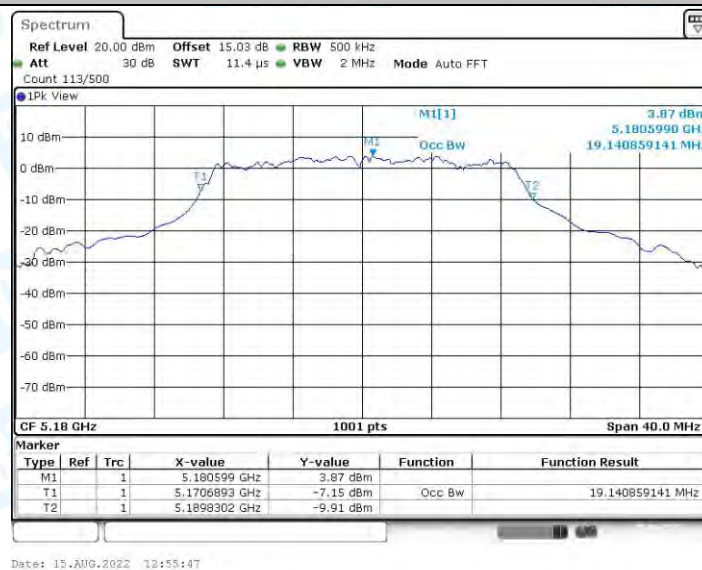
11N40MIMO_Ant1_5755



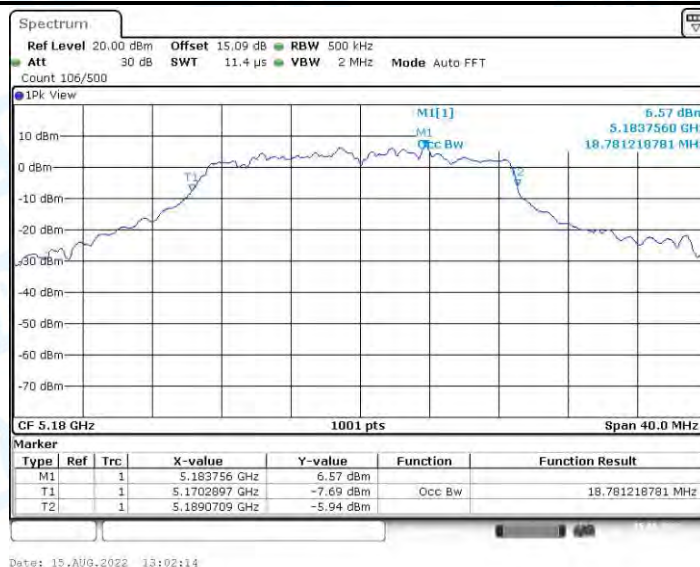
11N40MIMO_Ant0_5795



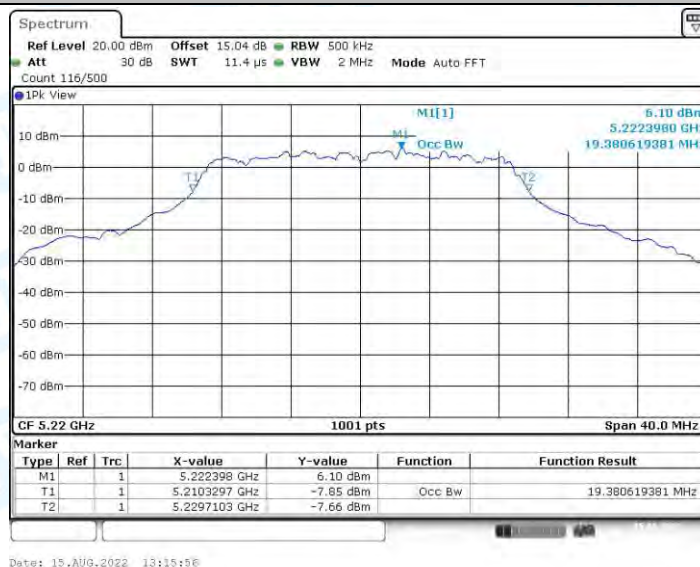
11N40MIMO_Ant1_5795



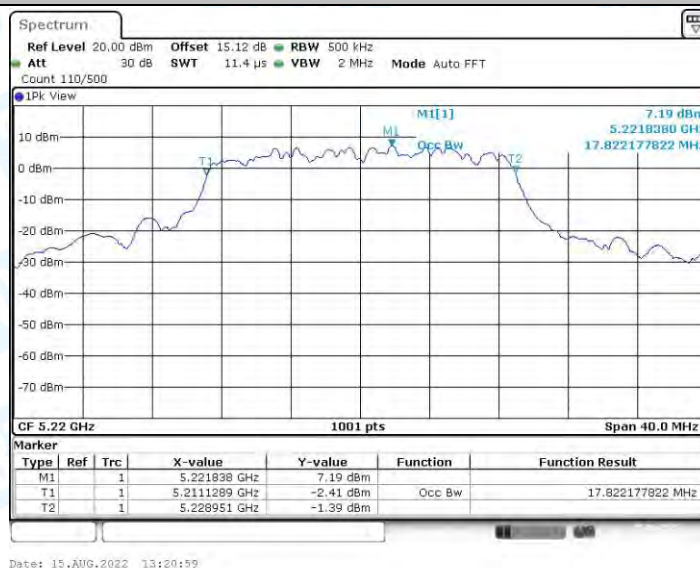
11AC20MIMO_Ant0_5180



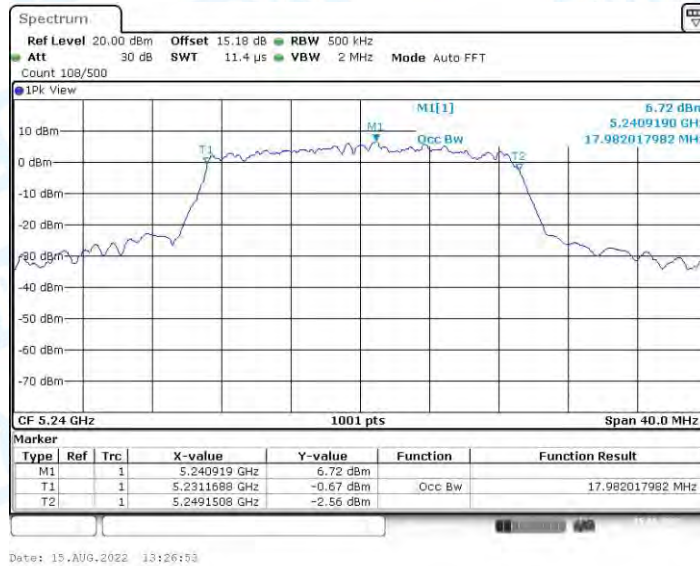
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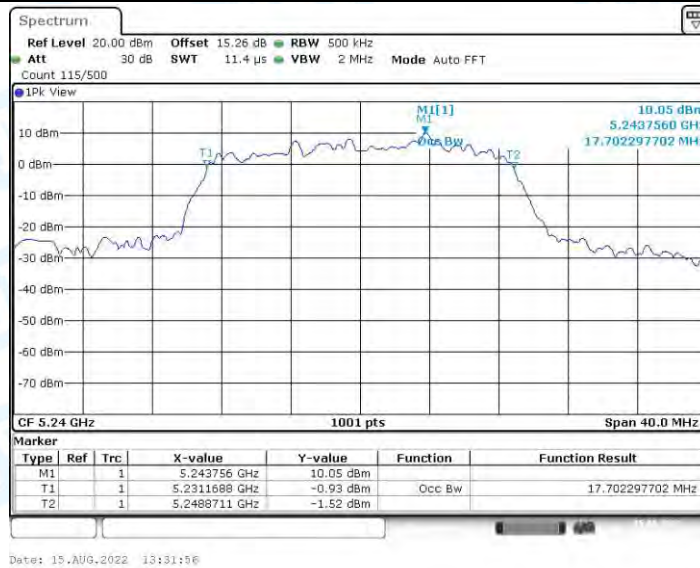
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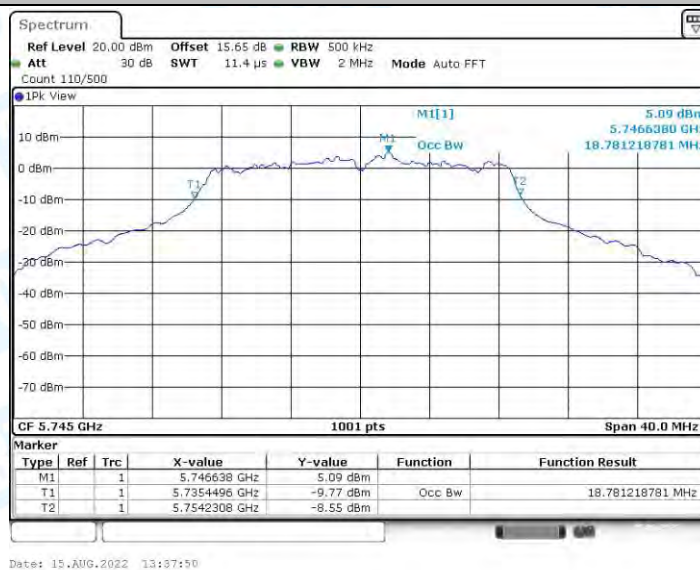
11AC20MIMO_Ant1_5220



11AC20MIMO_Ant0_5240



11AC20MIMO_Ant1_5240



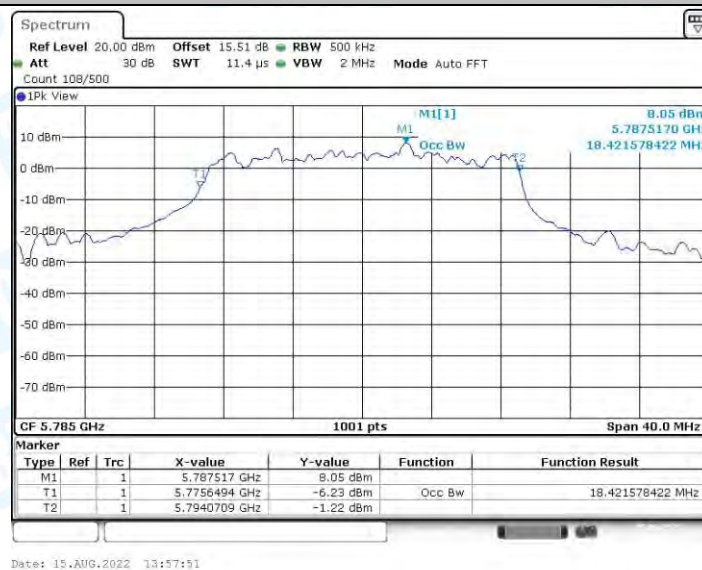
11AC20MIMO_Ant0_5745



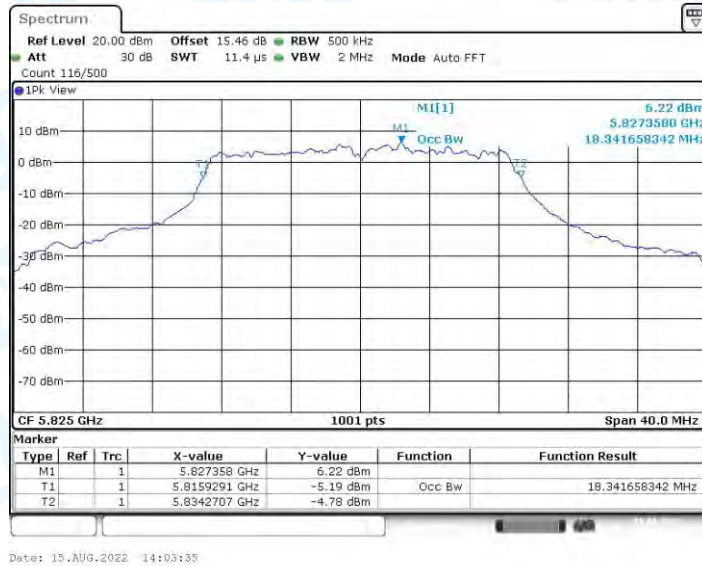
11AC20MIMO_Ant1_5745



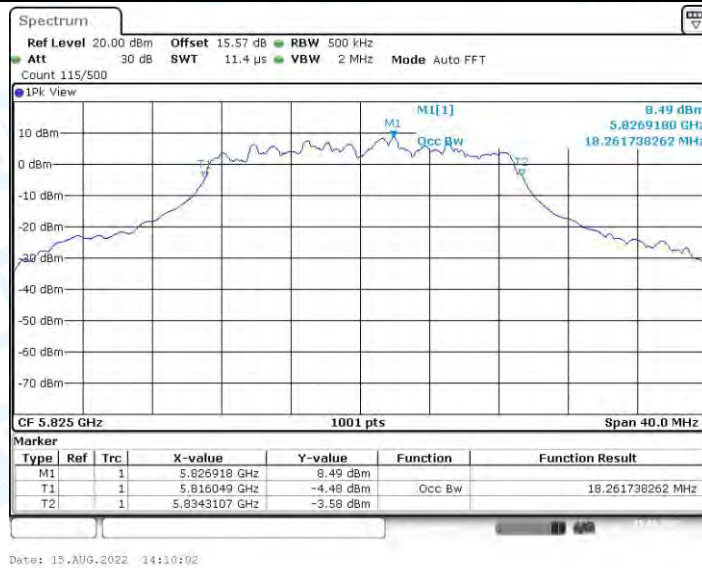
11AC20MIMO_Ant0_5785



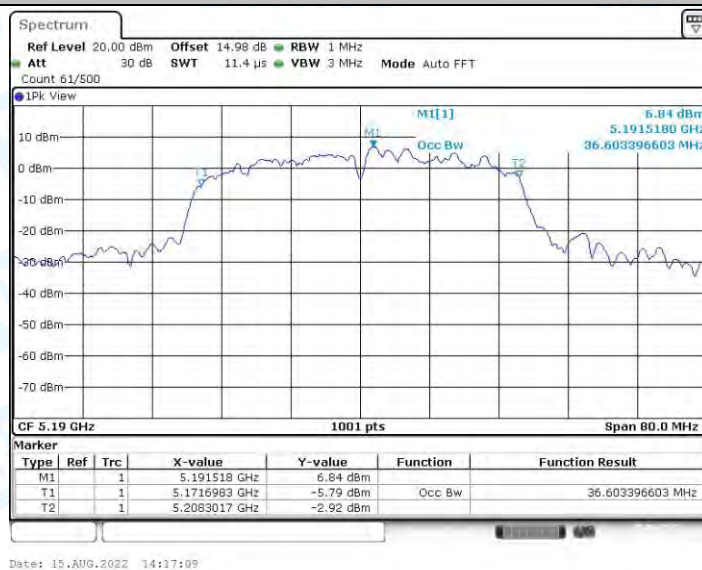
11AC20MIMO_Ant1_5785



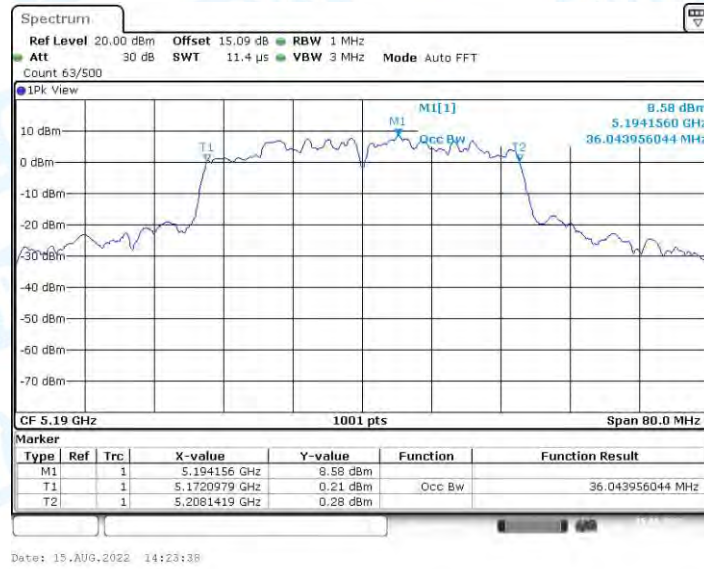
11AC20MIMO_Ant0_5825



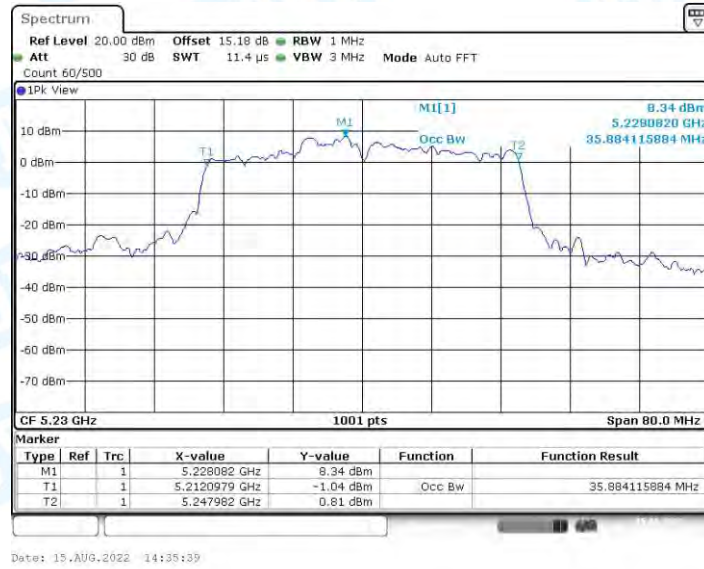
11AC20MIMO_Ant1_5825



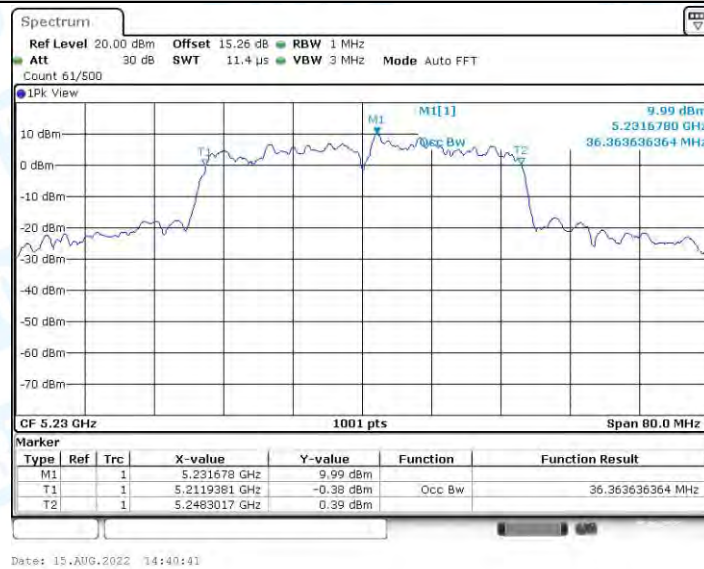
11AC40MIMO_Ant0_5190



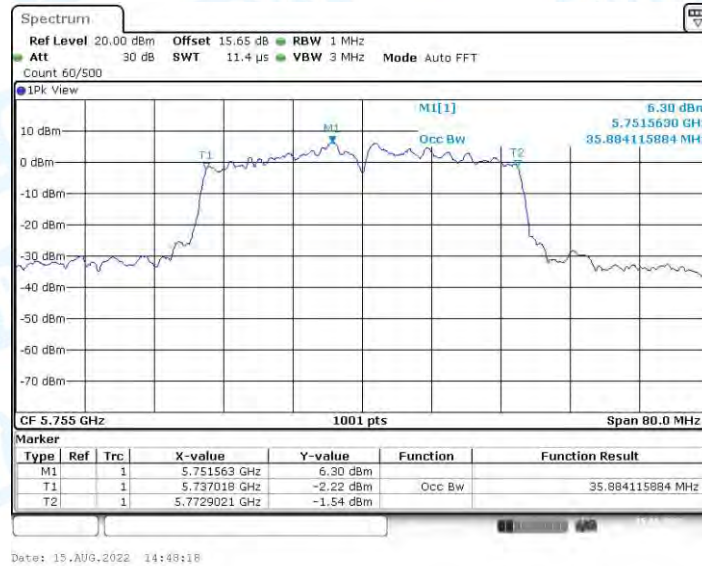
11AC40MIMO_Ant1_5190



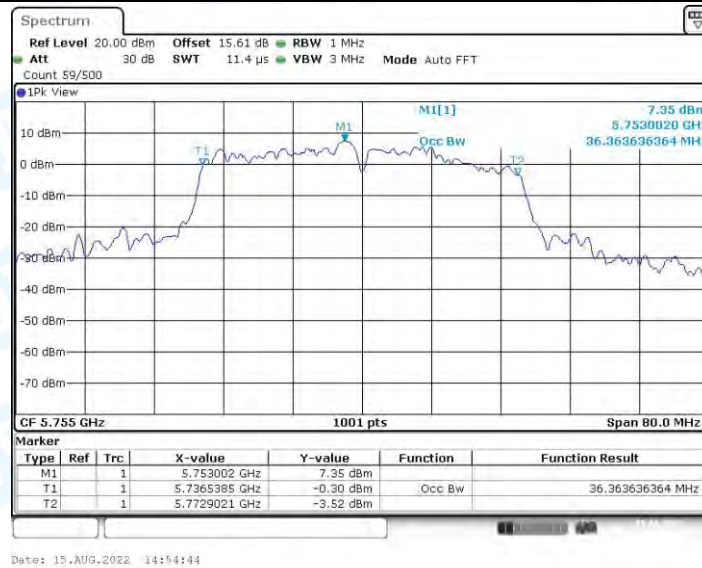
11AC40MIMO_Ant0_5230



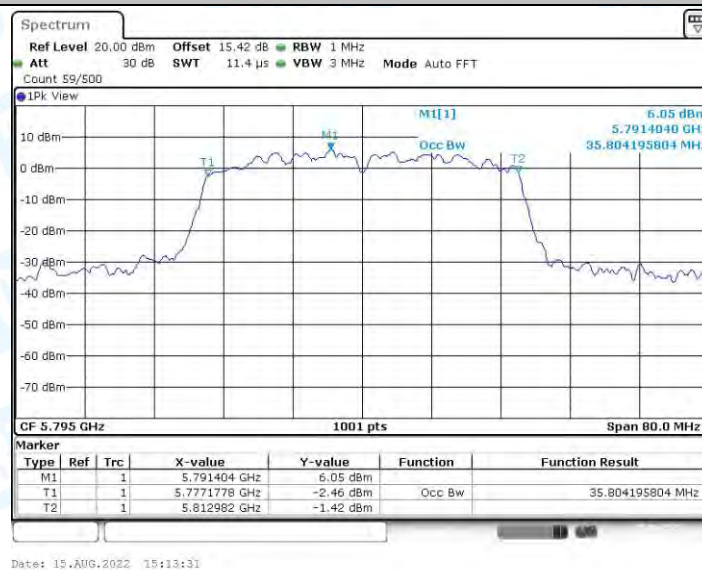
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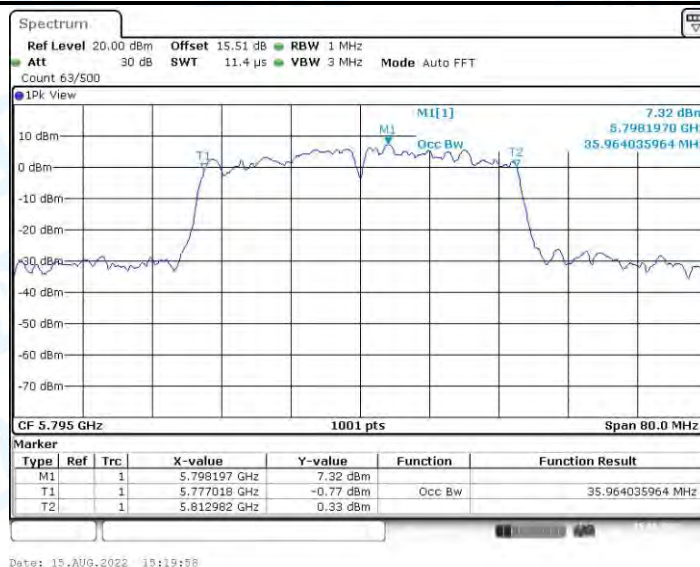
11AC40MIMO_Ant0_5755



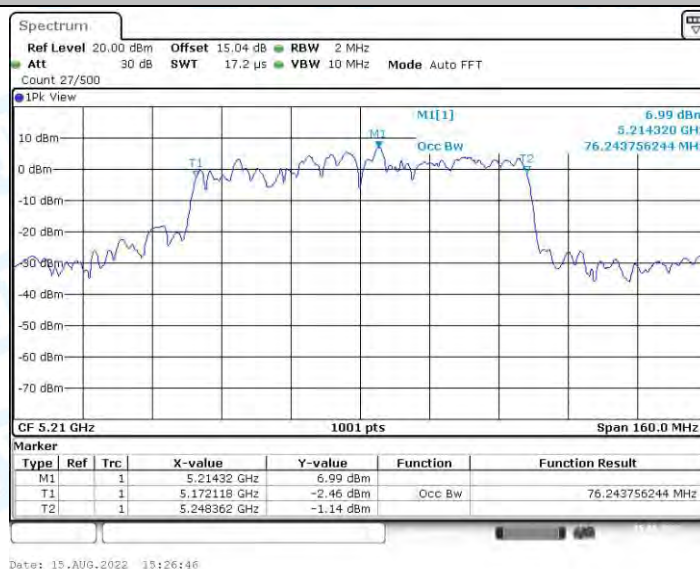
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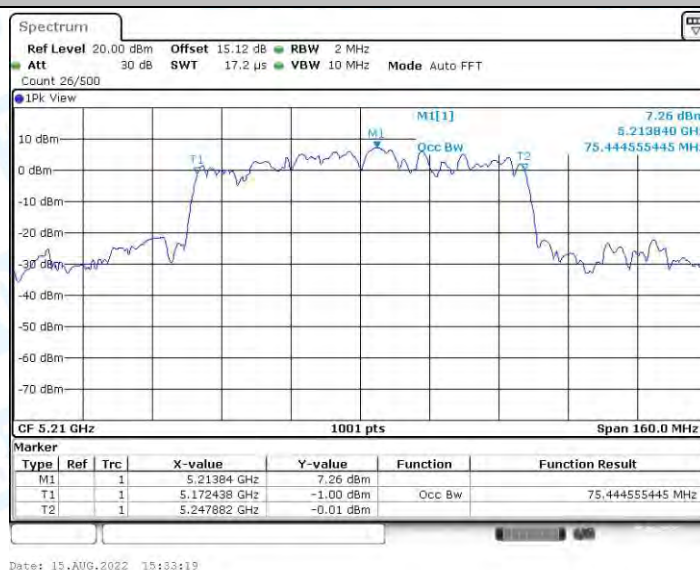
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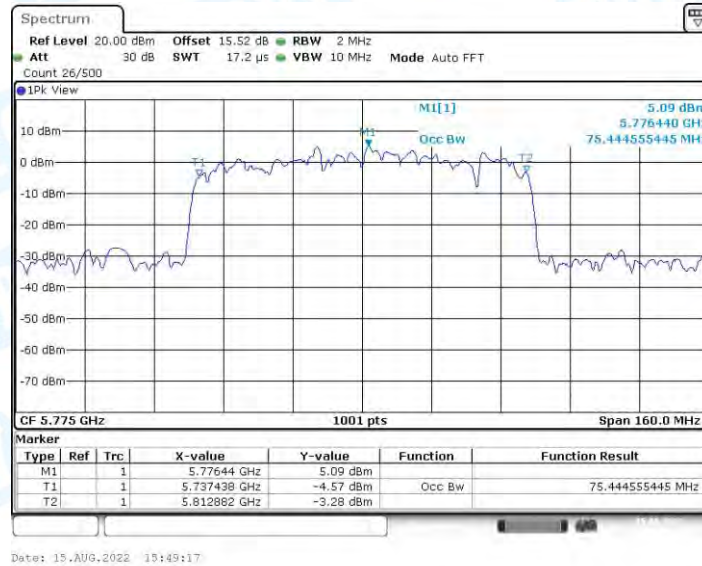
11AC40MIMO_Ant1_5795



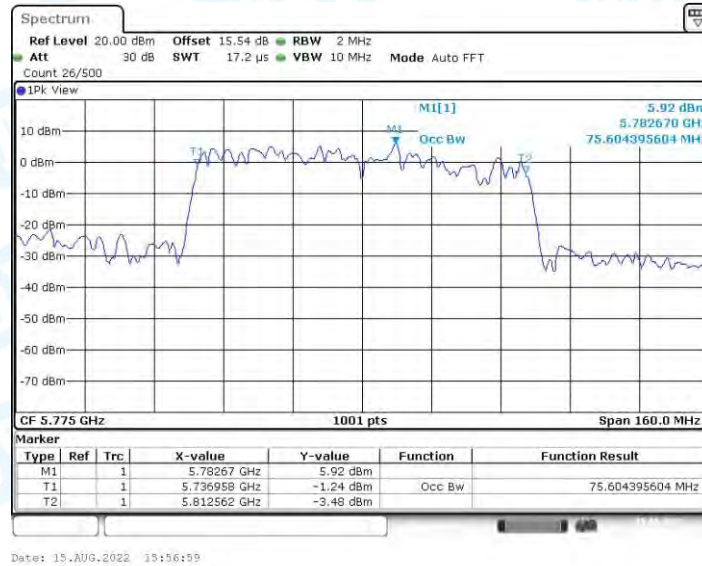
11AC80MIMO_Ant0_5210



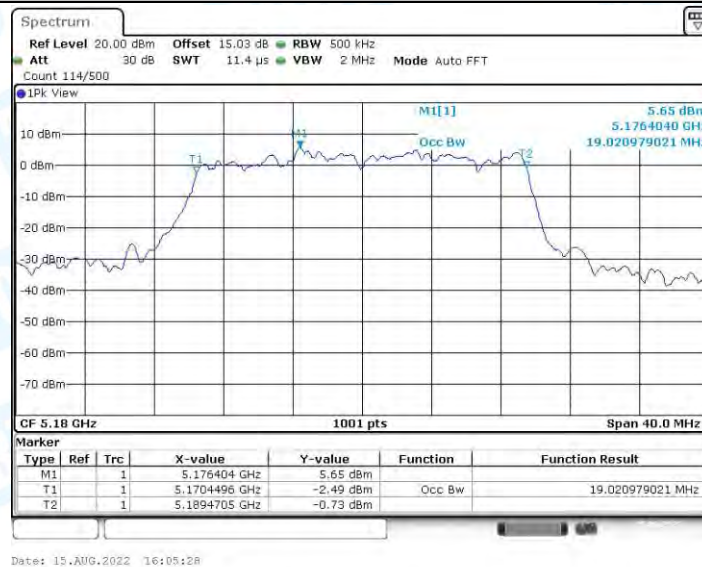
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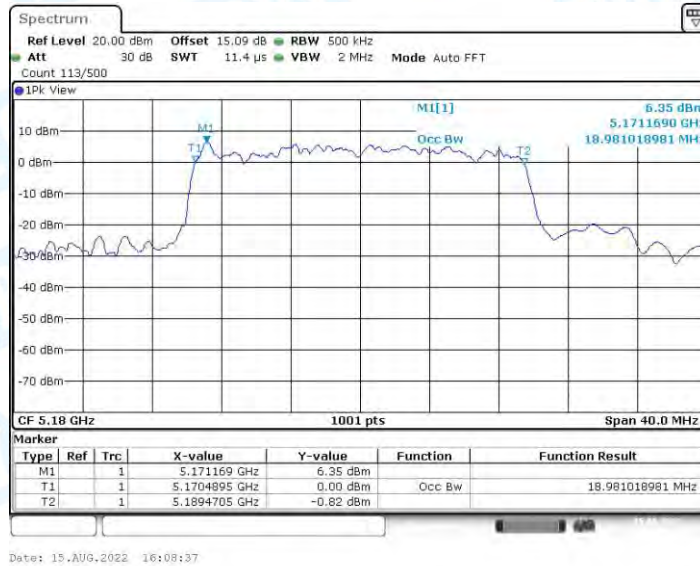
11AC80MIMO_Ant0_5775



11AC80MIMO_Ant1_5775



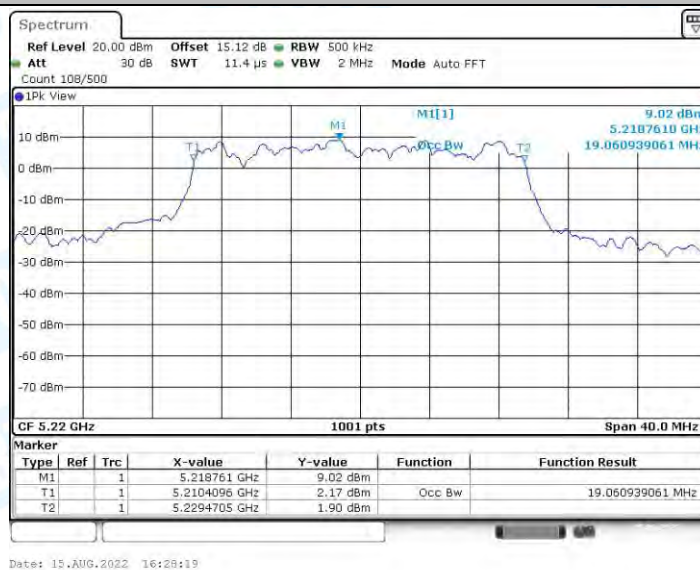
11AX20MIMO_Ant0_5180



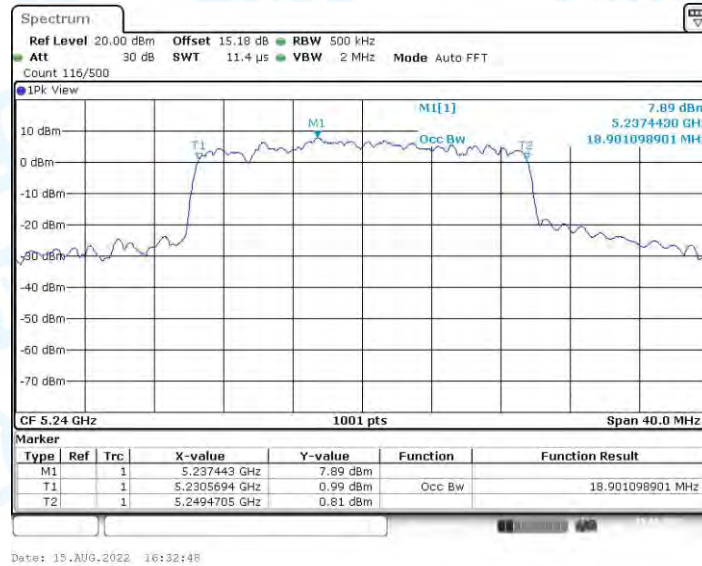
11AX20MIMO_Ant1_5180



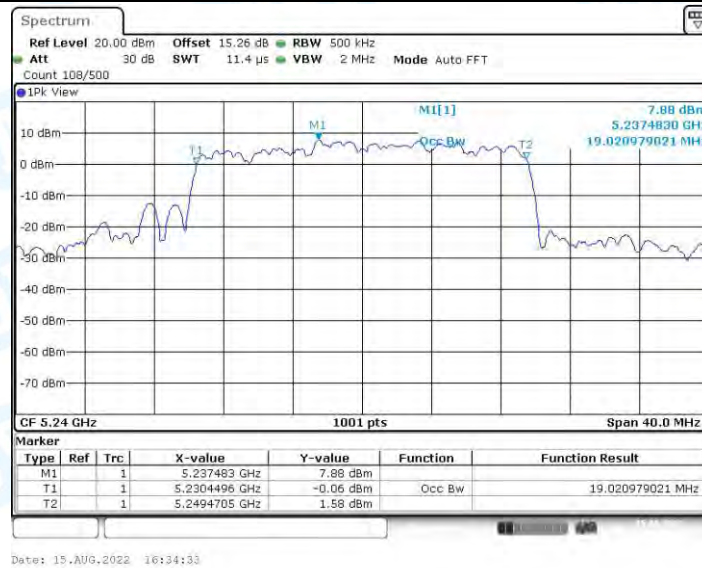
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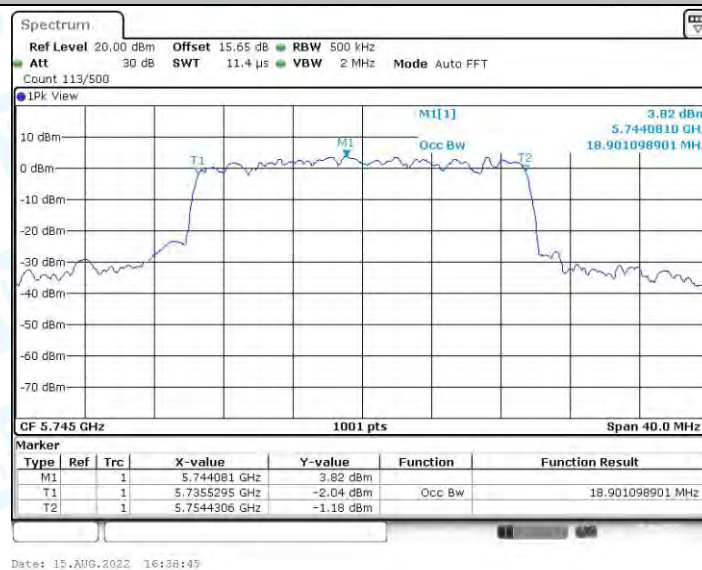
11AX20MIMO_Ant1_5220



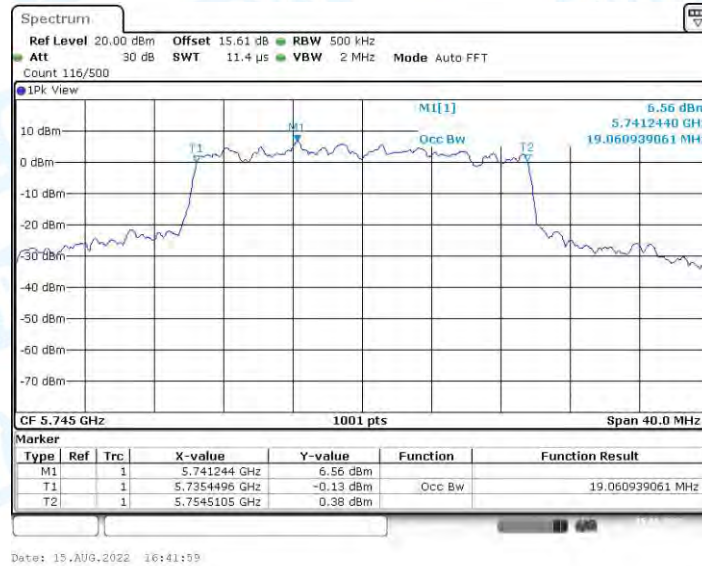
11AX20MIMO_Ant0_5240



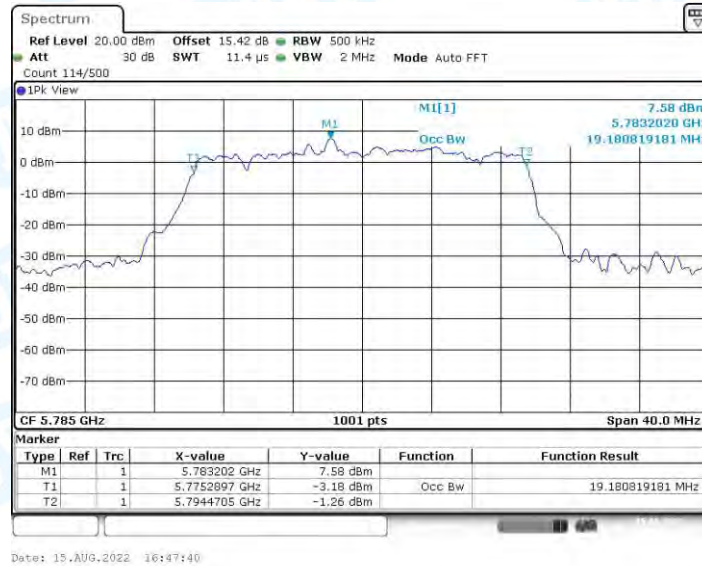
11AX20MIMO_Ant1_5240



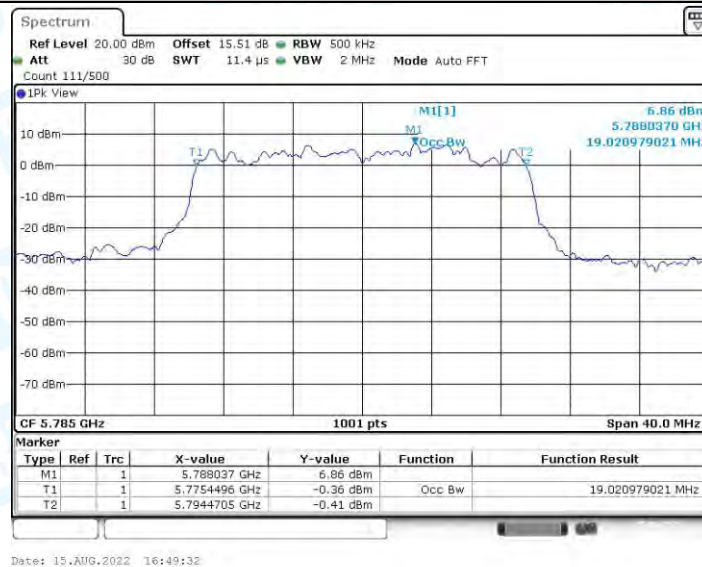
11AX20MIMO_Ant0_5745



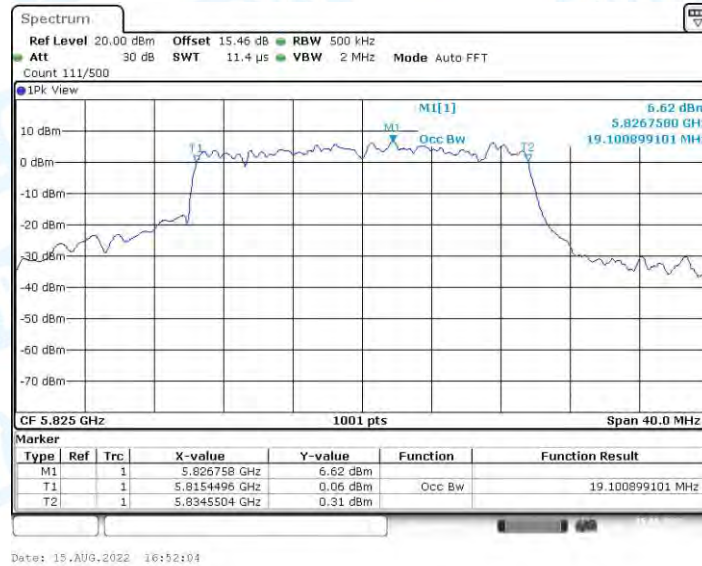
11AX20MIMO_Ant1_5745



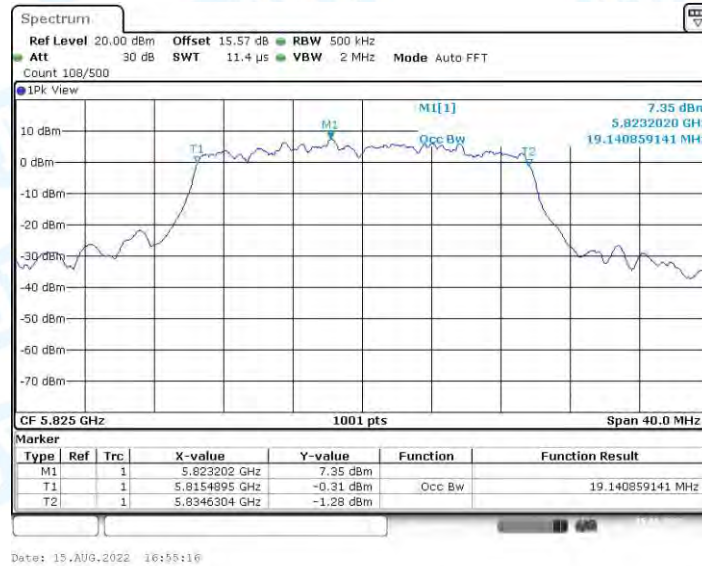
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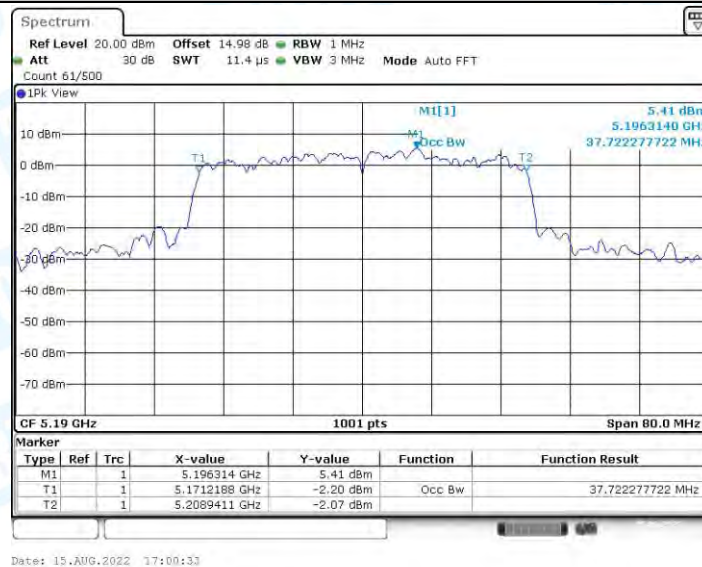
11AX20MIMO_Ant1_5785



11AX20MIMO_Ant0_5825



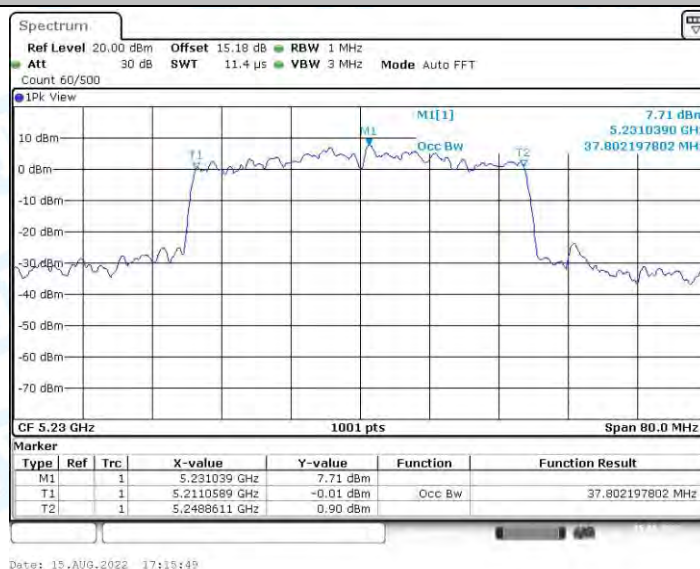
11AX20MIMO_Ant1_5825



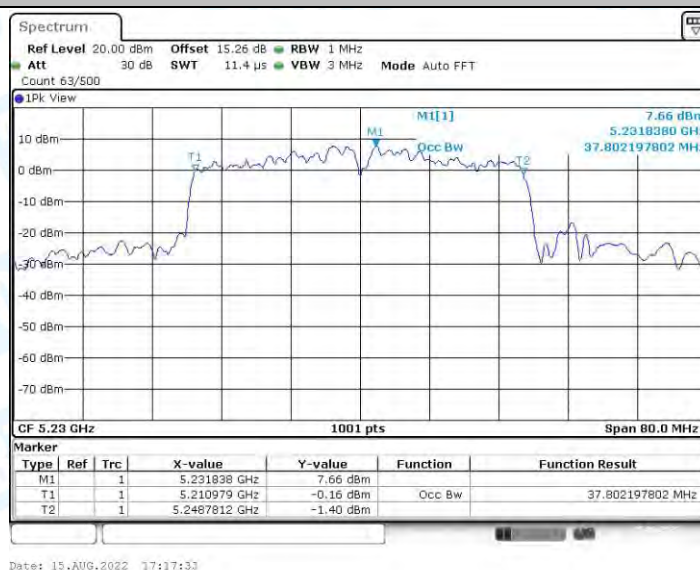
11AX40MIMO_Ant0_5190



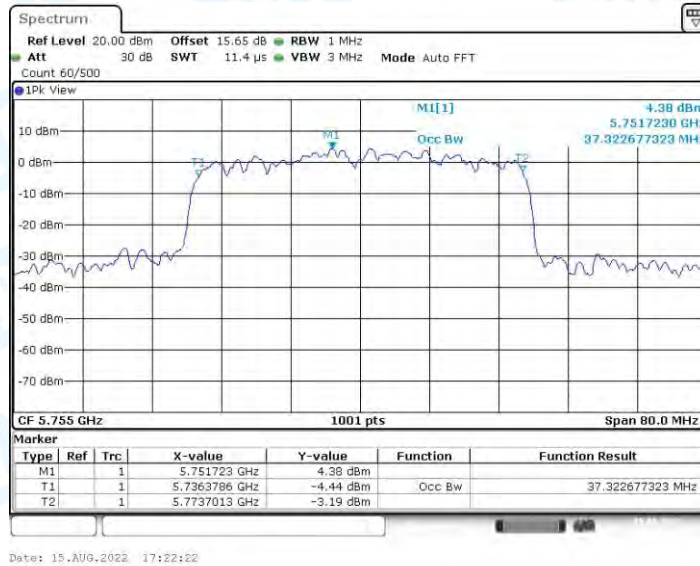
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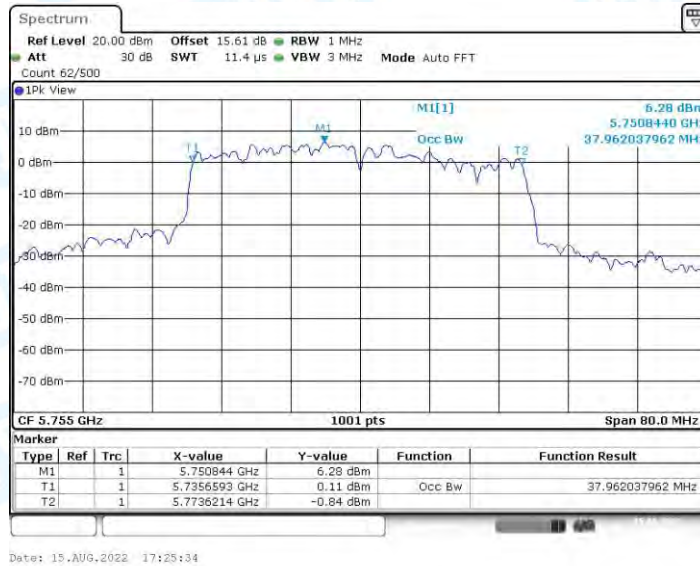
11AX40MIMO_Ant0_5230



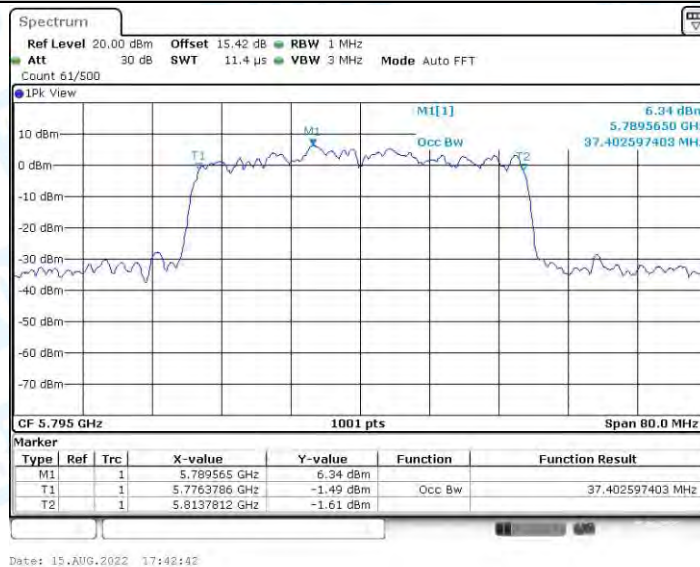
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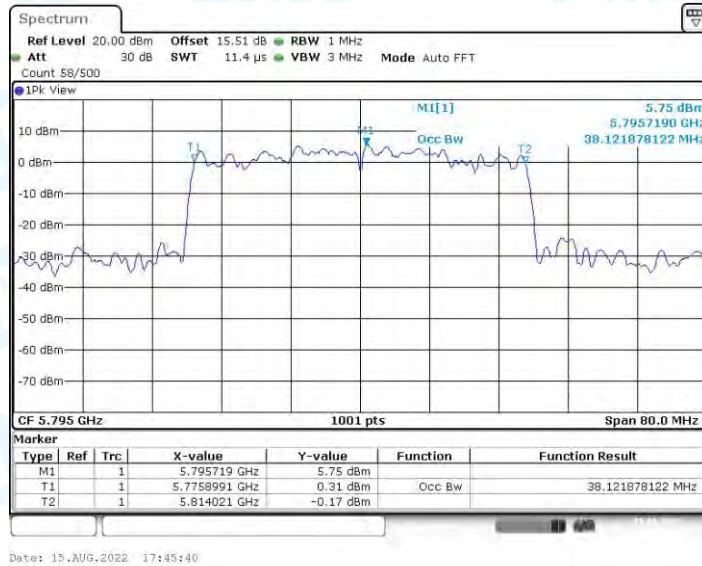
11AX40MIMO_Ant0_5755



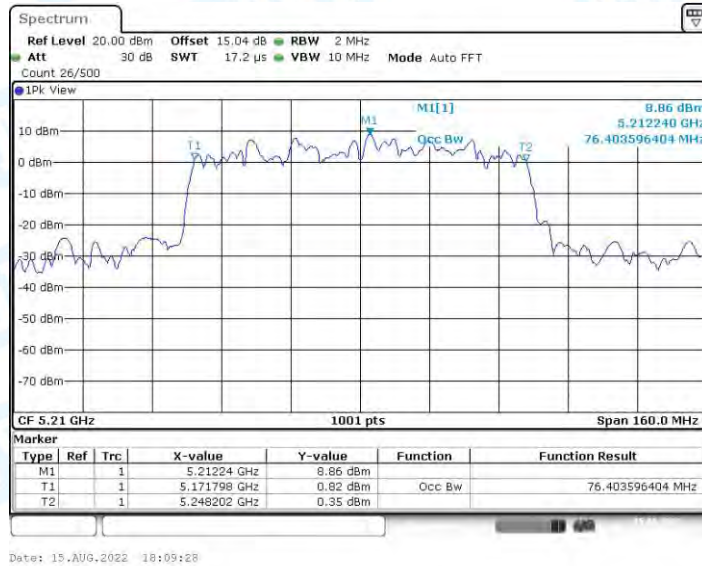
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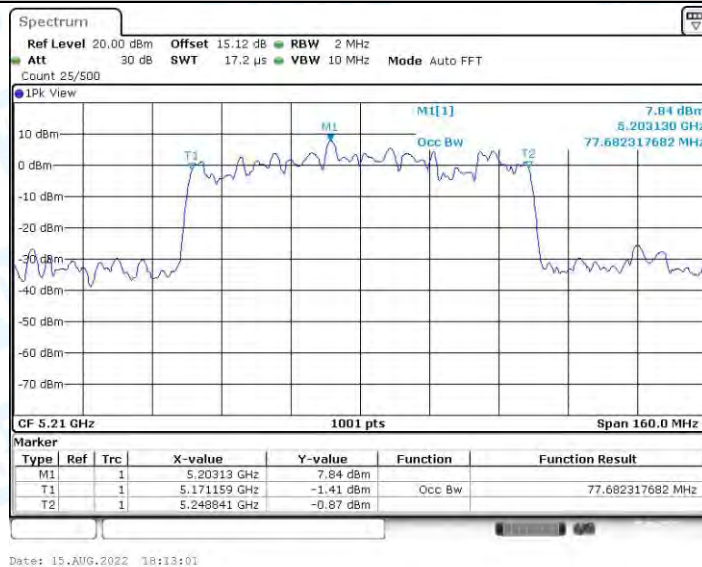
11AX40MIMO_Ant0_5795



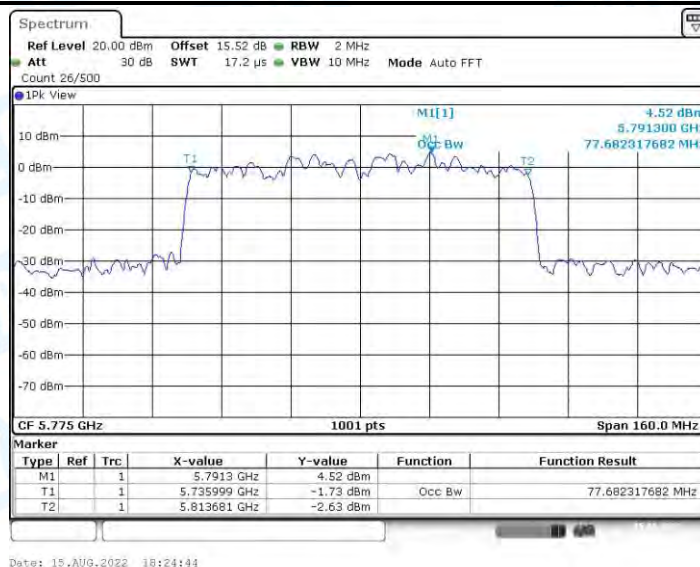
11AX40MIMO_Ant1_5795



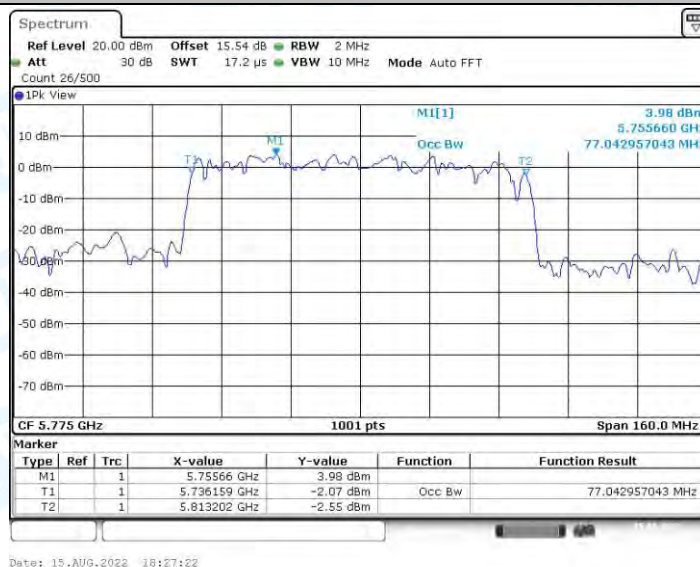
11AX80MIMO_Ant0_5210



11AX80MIMO_Ant1_5210



11AX80MIMO_Ant0_5775



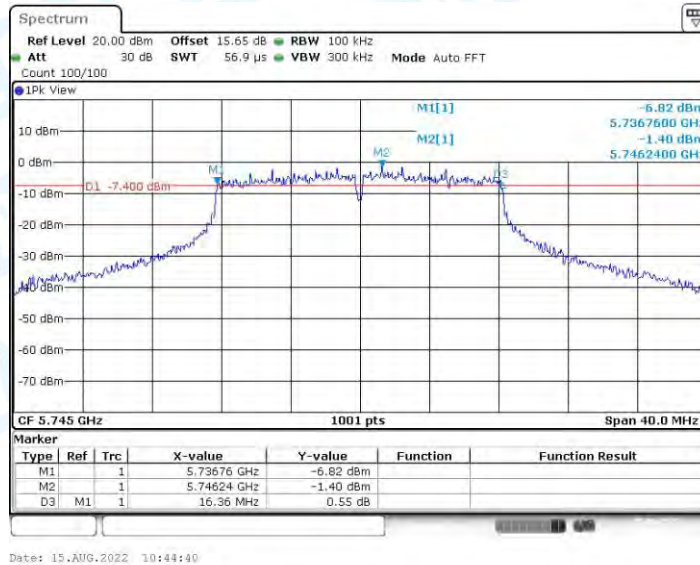
11AX80MIMO_Ant1_5775

3. Min emission bandwidth

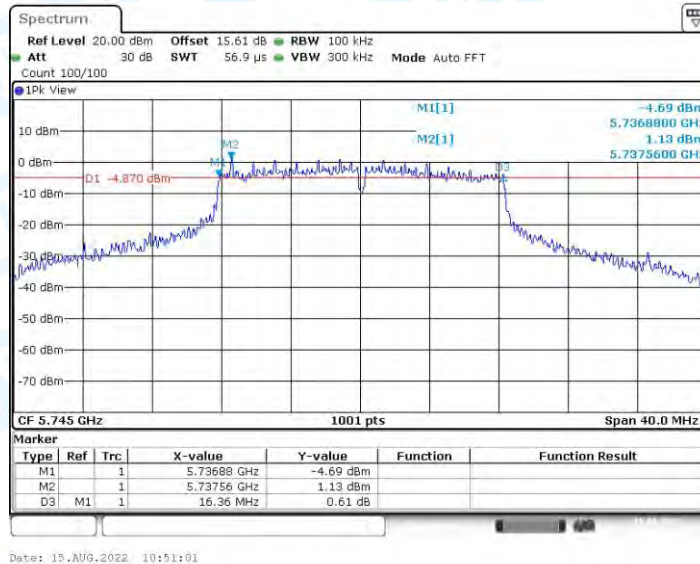
3.1. Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant0	5745	16.36	5736.76	5753.12	0.5	PASS
	Ant1	5745	16.36	5736.88	5753.24	0.5	PASS
	Ant0	5785	16.44	5776.88	5793.32	0.5	PASS
	Ant1	5785	16.32	5776.96	5793.28	0.5	PASS
	Ant0	5825	16.36	5817.00	5833.36	0.5	PASS
	Ant1	5825	16.24	5817.16	5833.40	0.5	PASS
11N20MIMO	Ant0	5745	16.32	5737.40	5753.72	0.5	PASS
	Ant1	5745	17.60	5736.28	5753.88	0.5	PASS
	Ant0	5785	17.64	5776.24	5793.88	0.5	PASS
	Ant1	5785	17.56	5776.28	5793.84	0.5	PASS
	Ant0	5825	17.60	5816.28	5833.88	0.5	PASS
	Ant1	5825	17.60	5816.32	5833.92	0.5	PASS
11N40MIMO	Ant0	5755	29.68	5742.84	5772.52	0.5	PASS
	Ant1	5755	25.04	5737.48	5762.52	0.5	PASS
	Ant0	5795	28.80	5777.48	5806.28	0.5	PASS
	Ant1	5795	35.76	5777.40	5813.16	0.5	PASS
11AC20MIMO	Ant0	5745	17.56	5736.24	5753.80	0.5	PASS
	Ant1	5745	17.60	5736.20	5753.80	0.5	PASS
	Ant0	5785	17.60	5776.20	5793.80	0.5	PASS
	Ant1	5785	17.56	5776.24	5793.80	0.5	PASS
	Ant0	5825	17.56	5816.24	5833.80	0.5	PASS
	Ant1	5825	17.56	5816.28	5833.84	0.5	PASS
11AC40MIMO	Ant0	5755	33.92	5738.60	5772.52	0.5	PASS
	Ant1	5755	30.08	5737.40	5767.48	0.5	PASS
	Ant0	5795	35.04	5777.40	5812.44	0.5	PASS
	Ant1	5795	31.92	5777.40	5809.32	0.5	PASS
11AC80MIMO	Ant0	5775	70.72	5741.88	5812.60	0.5	PASS
	Ant1	5775	74.08	5738.36	5812.44	0.5	PASS
11AX20MIMO	Ant0	5745	17.80	5736.56	5754.36	0.5	PASS
	Ant1	5745	18.80	5735.44	5754.24	0.5	PASS
	Ant0	5785	16.96	5777.00	5793.96	0.5	PASS
	Ant1	5785	18.48	5775.80	5794.28	0.5	PASS
	Ant0	5825	16.80	5817.20	5834.00	0.5	PASS
	Ant1	5825	18.48	5815.80	5834.28	0.5	PASS
11AX40MIMO	Ant0	5755	36.40	5736.12	5772.52	0.5	PASS
	Ant1	5755	35.92	5736.60	5772.52	0.5	PASS
	Ant0	5795	35.04	5777.40	5812.44	0.5	PASS
	Ant1	5795	36.32	5777.40	5813.72	0.5	PASS
11AX80MIMO	Ant0	5775	76.32	5737.40	5813.72	0.5	PASS
	Ant1	5775	73.12	5737.08	5810.20	0.5	PASS

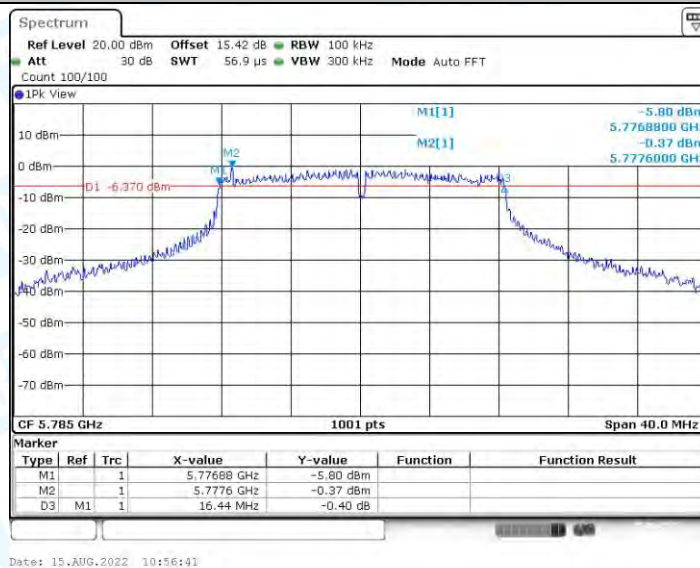
3.2. Test Graphs



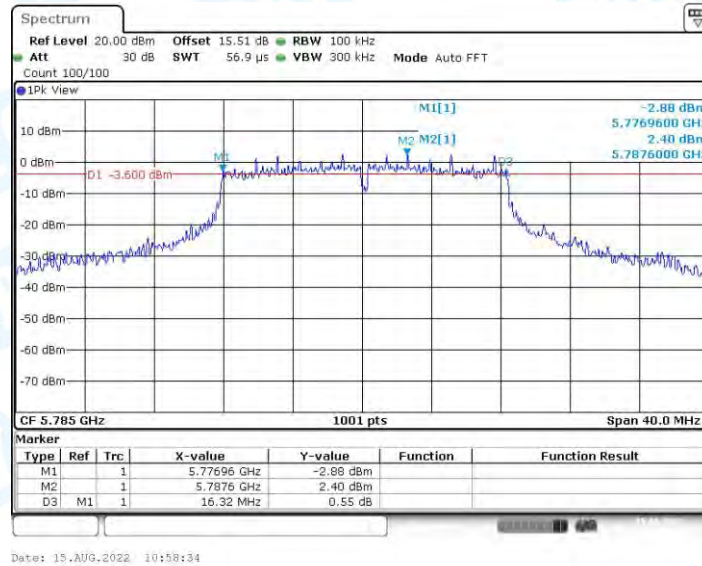
11A-CDD_Ant0_5745



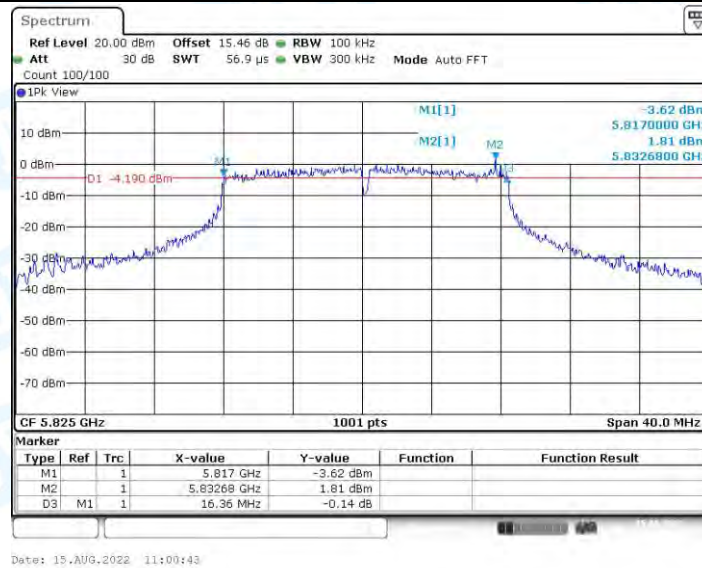
11A-CDD_Ant1_5745



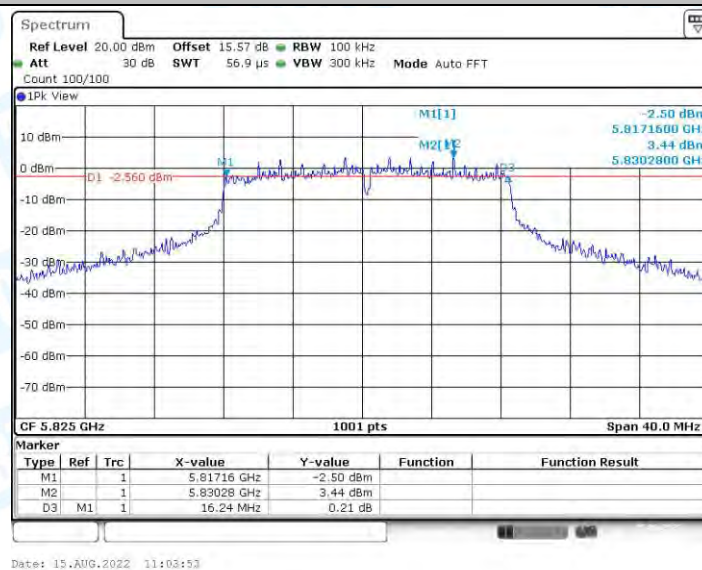
11A-CDD_Ant0_5785



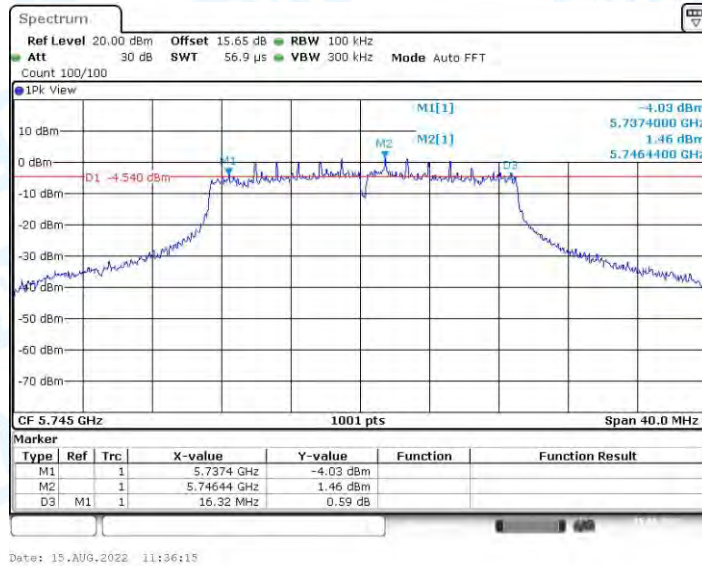
11A-CDD_Ant1_5785



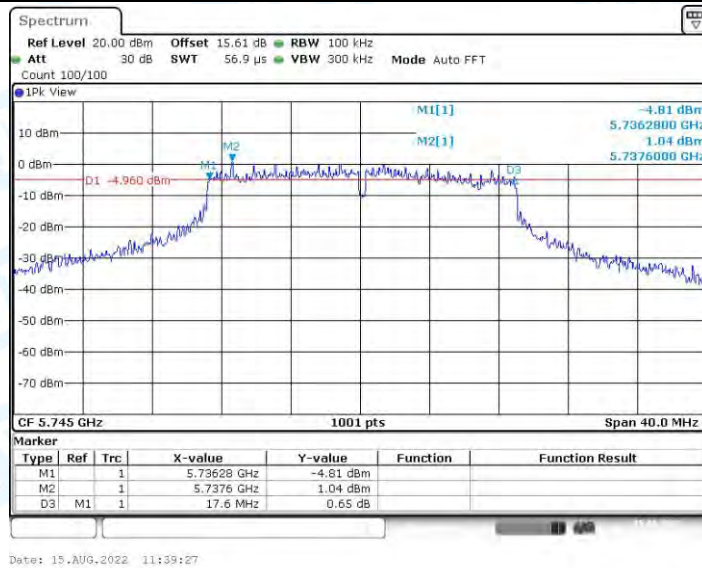
11A-CDD_Ant0_5825



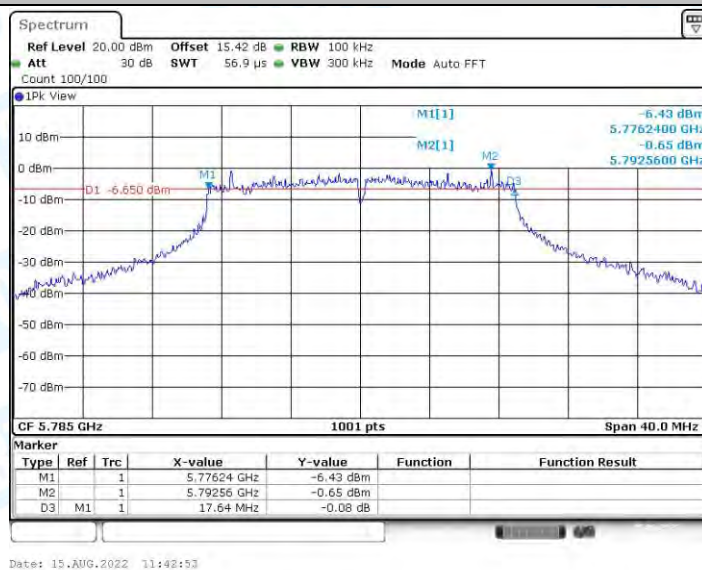
11A-CDD_Ant1_5825



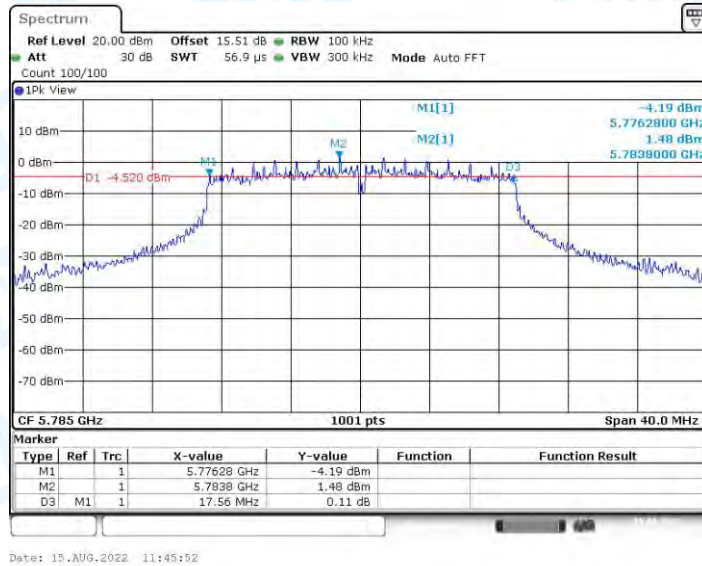
11N20MIMO_Ant0_5745



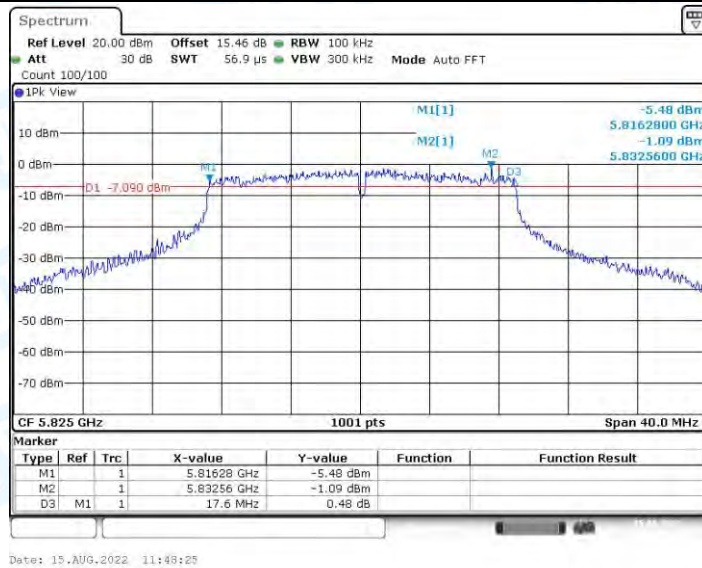
11N20MIMO_Ant1_5745



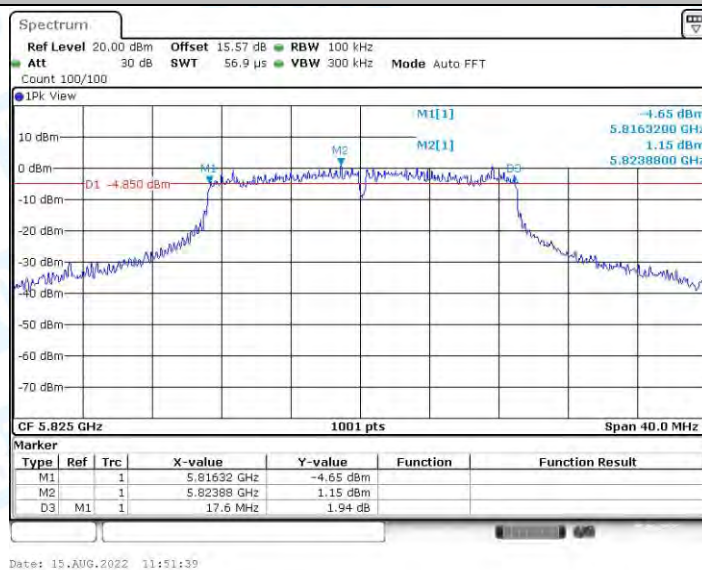
11N20MIMO_Ant0_5785



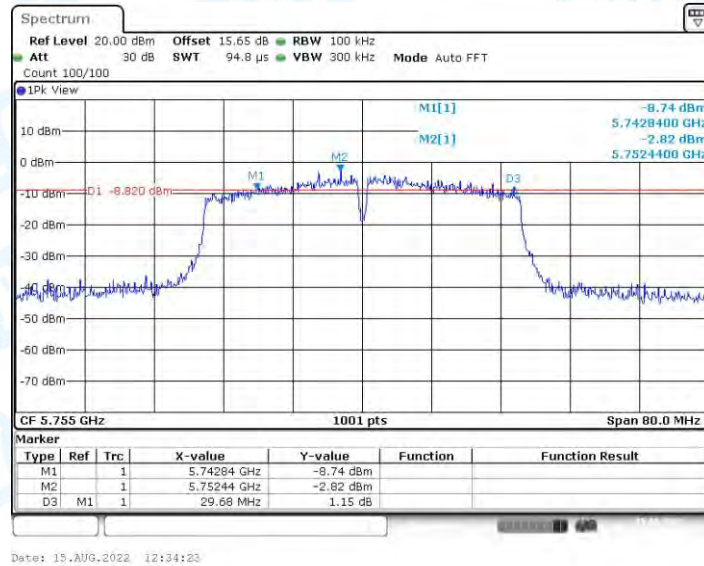
11N20MIMO_Ant1_5785



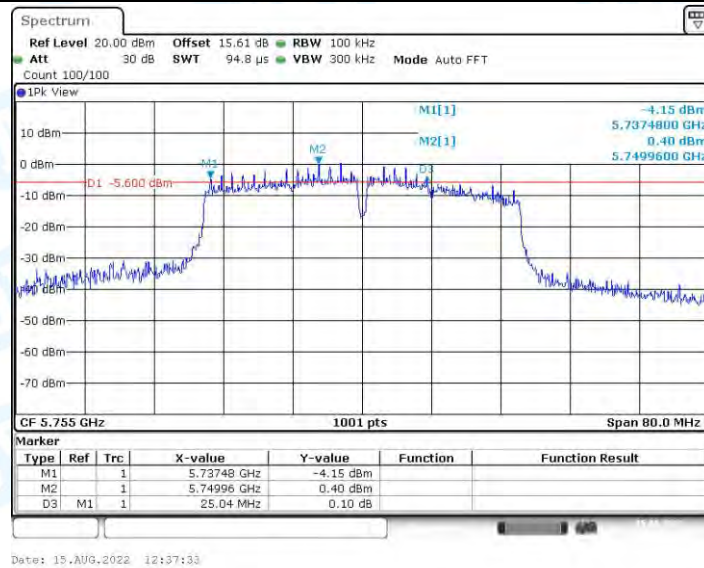
11N20MIMO_Ant0_5825



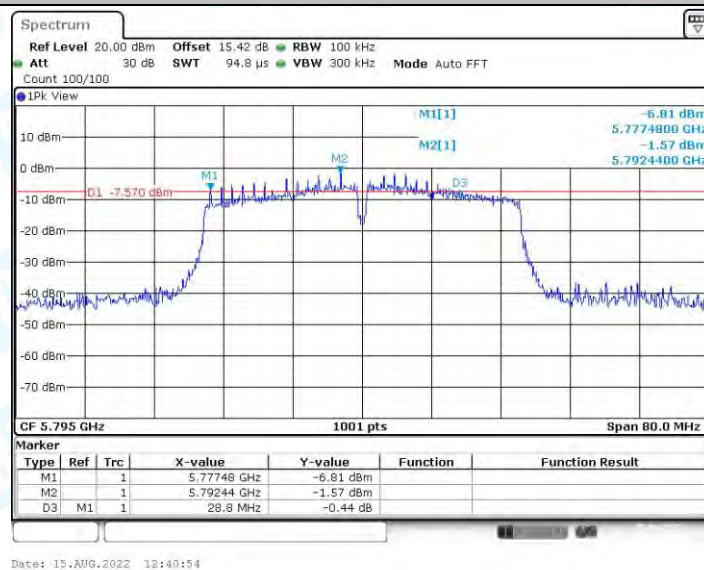
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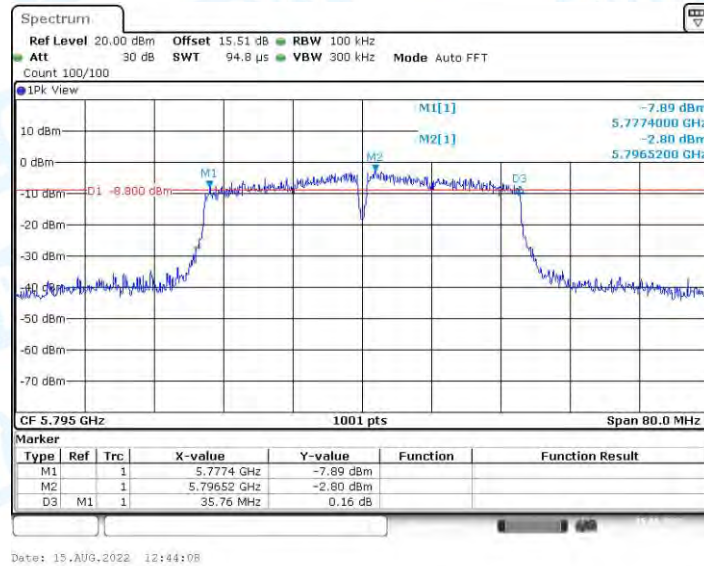
11N40MIMO_Ant0_5755



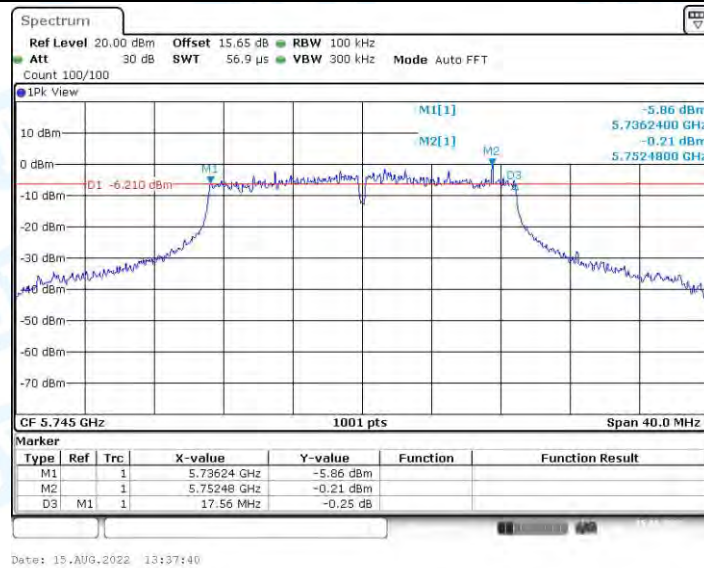
11N40MIMO_Ant1_5755



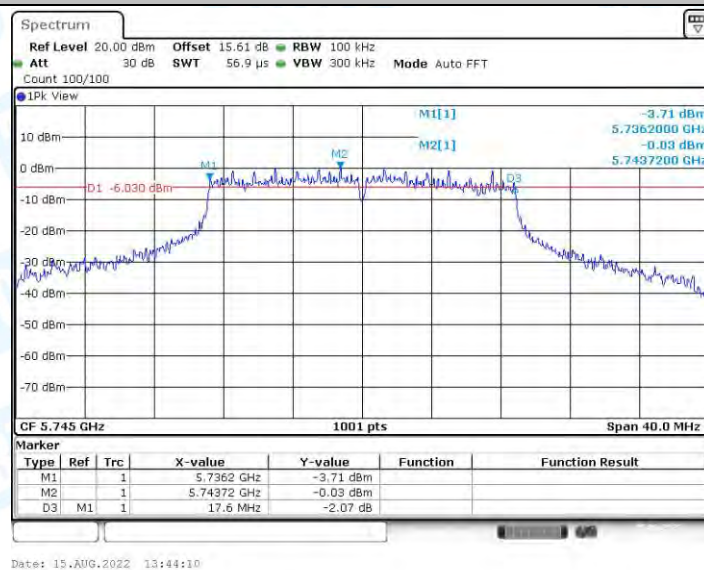
11N40MIMO_Ant0_5795



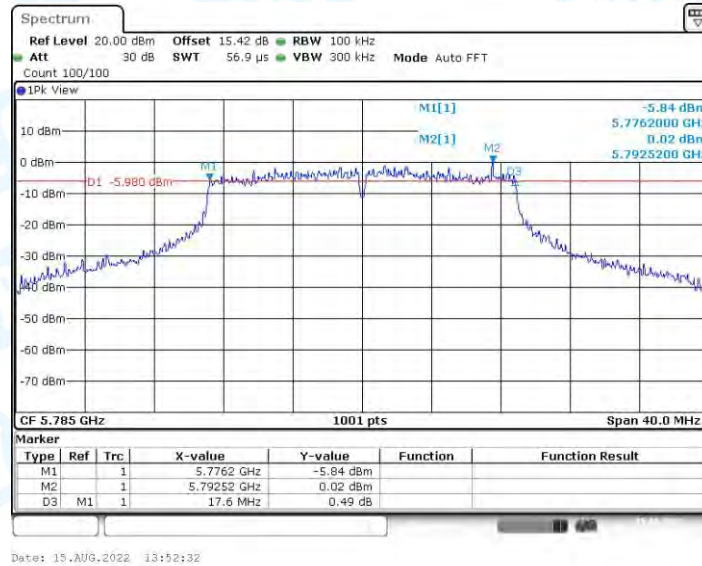
11N40MIMO_Ant1_5795



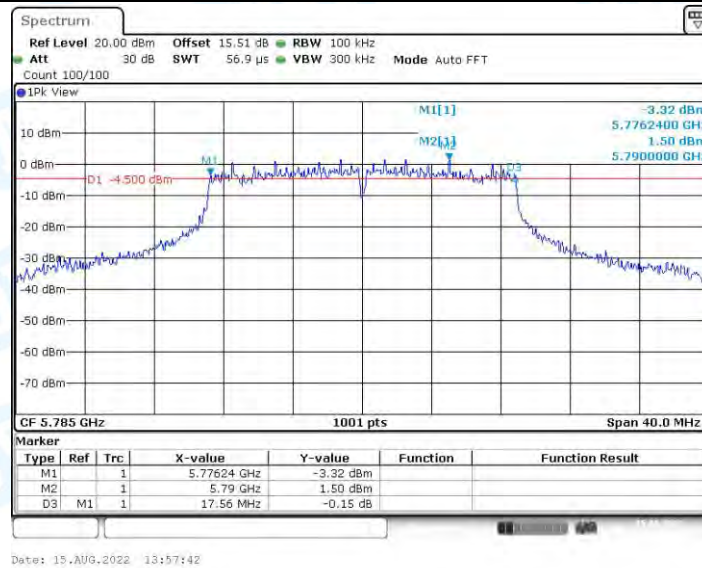
11AC20MIMO_Ant0_5745



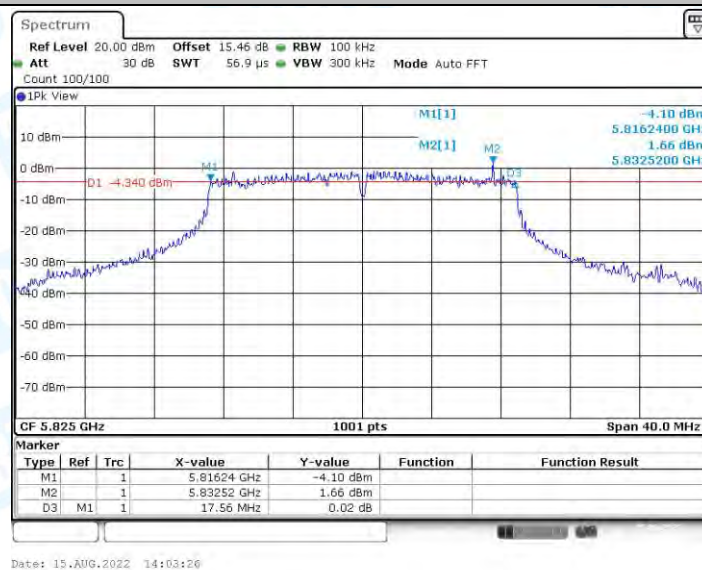
11AC20MIMO_Ant1_5745



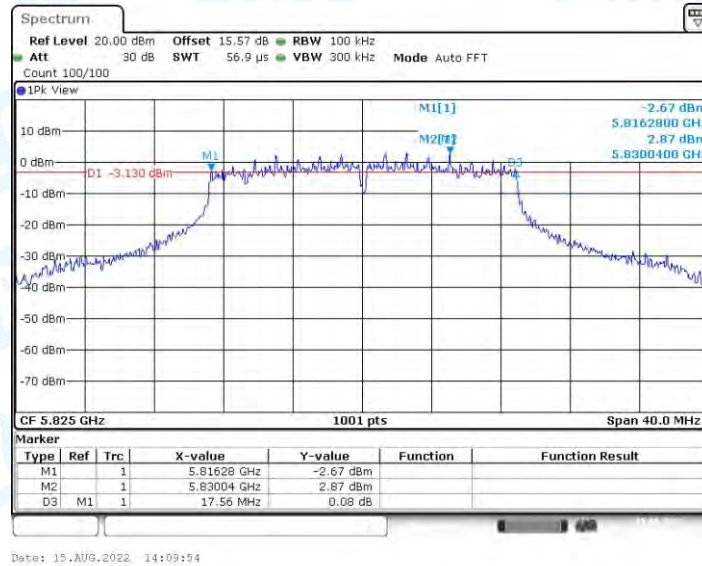
11AC20MIMO_Ant0_5785



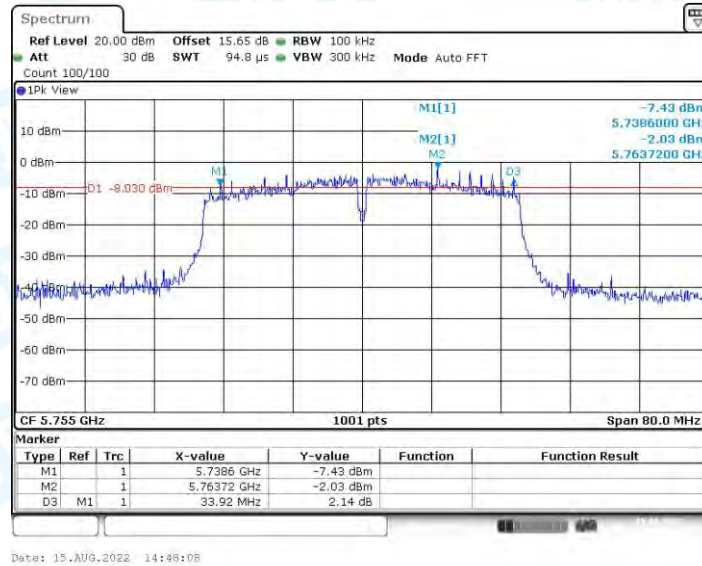
11AC20MIMO_Ant1_5785



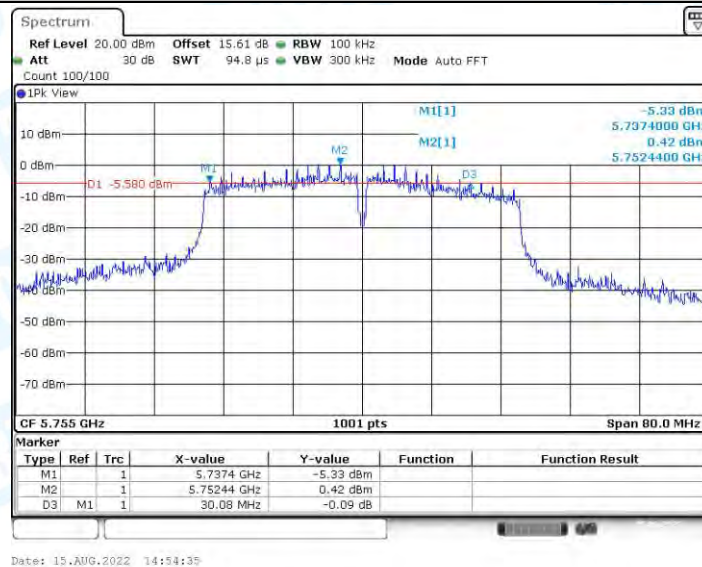
11AC20MIMO_Ant0_5825



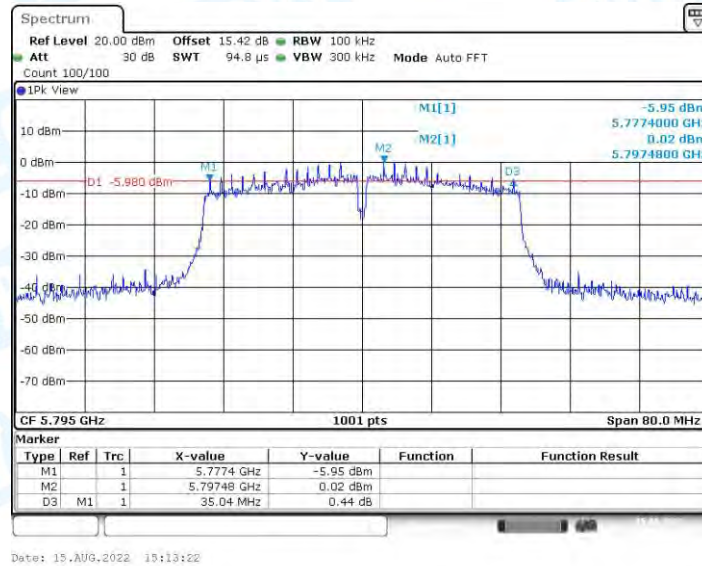
11AC20MIMO_Ant1_5825



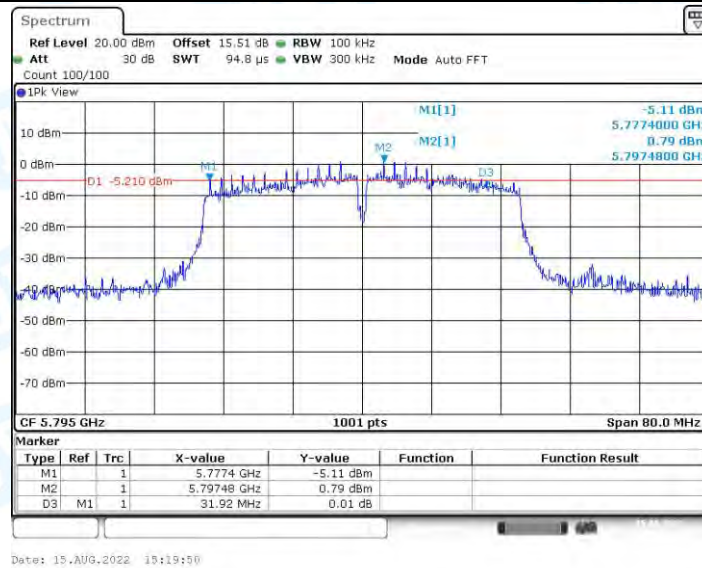
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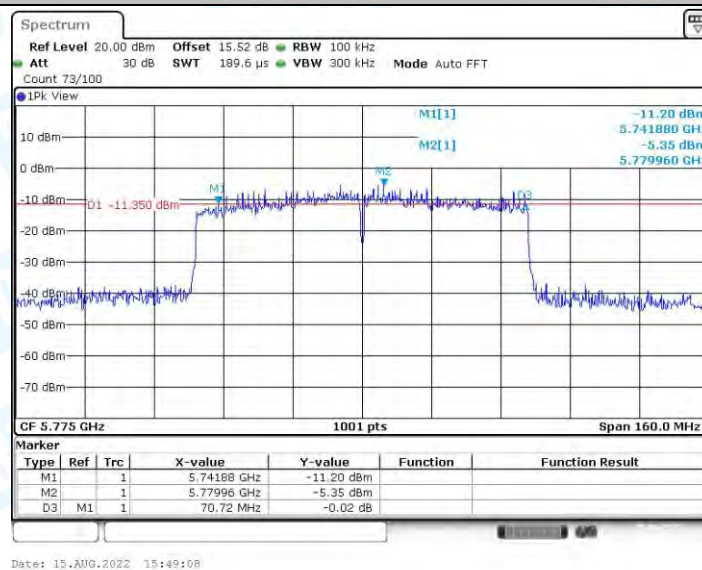
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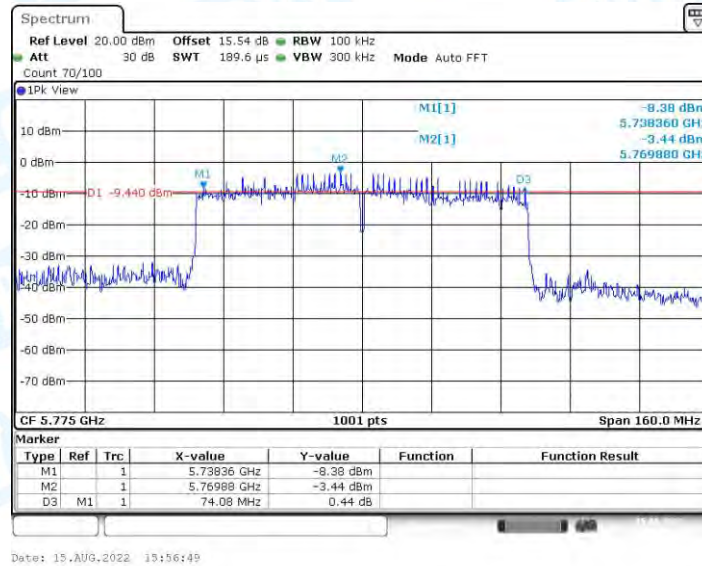
11AC40MIMO_Ant0_5795



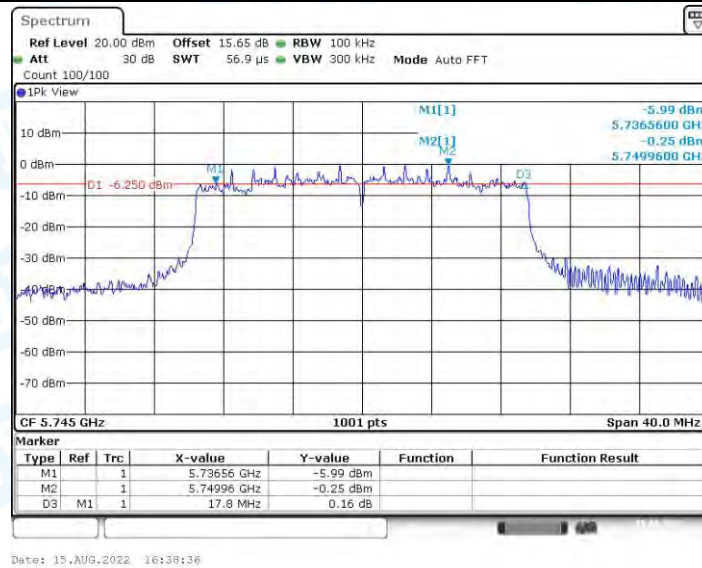
11AC40MIMO_Ant1_5795



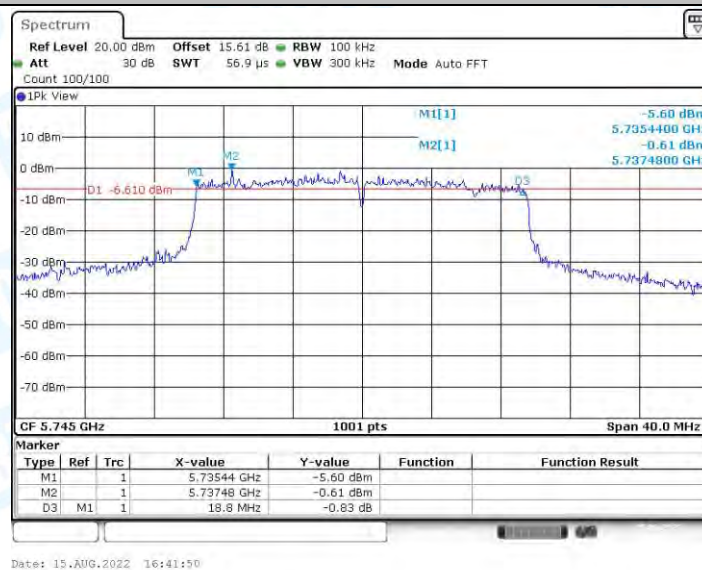
11AC80MIMO_Ant0_5775



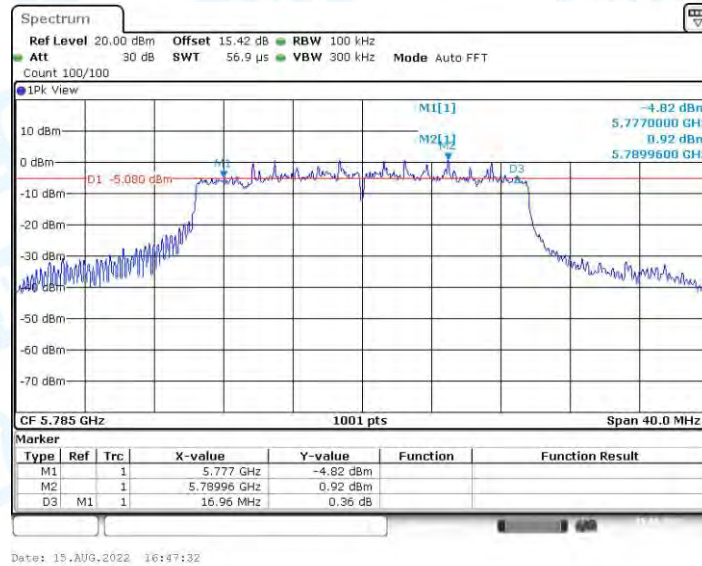
11AC80MIMO_Ant1_5775



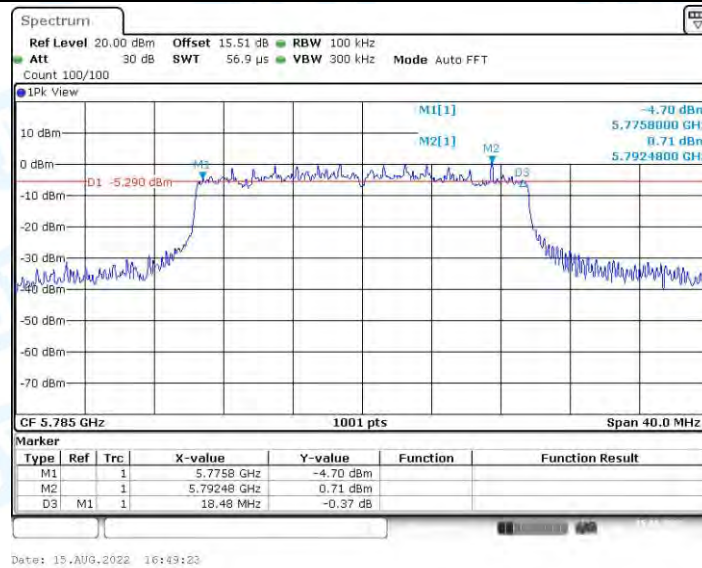
11AX20MIMO_Ant0_5745



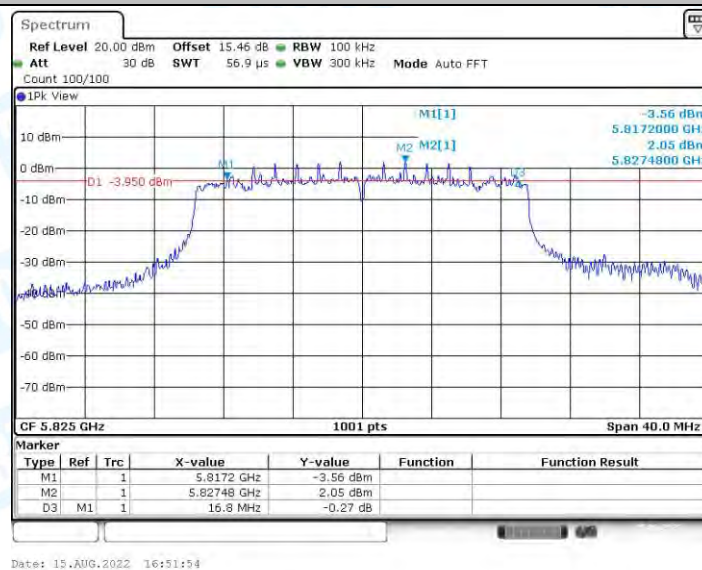
11AX20MIMO_Ant1_5745



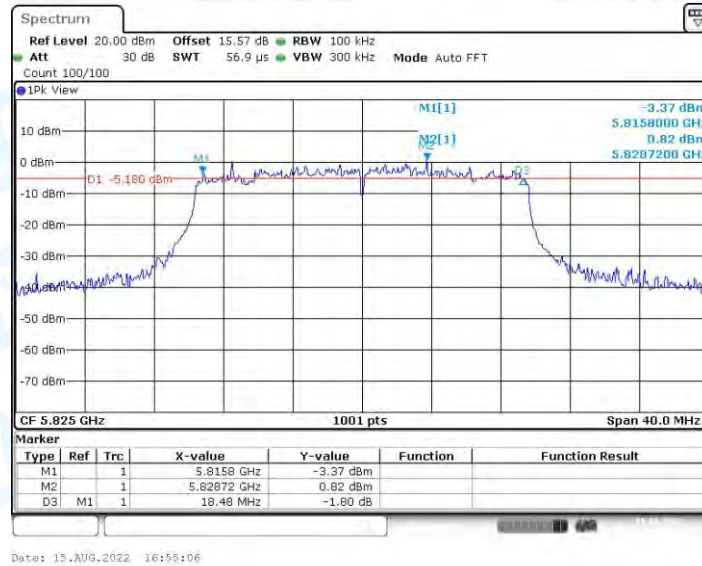
11AX20MIMO_Ant0_5785



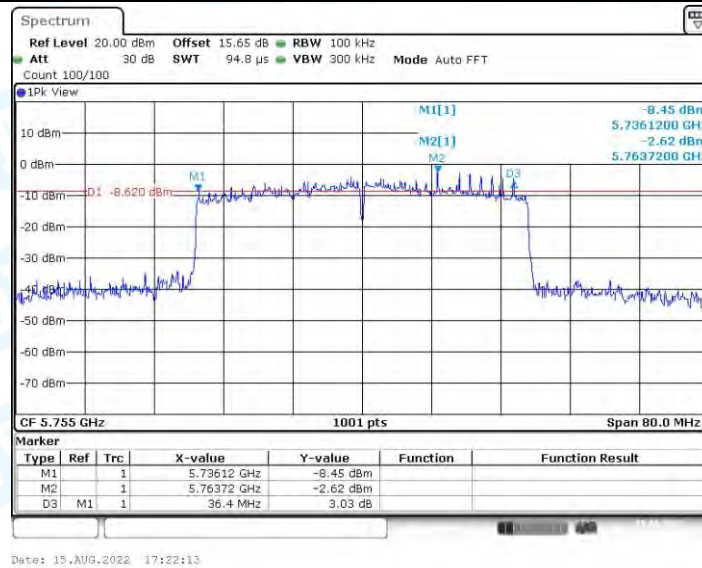
11AX20MIMO_Ant1_5785



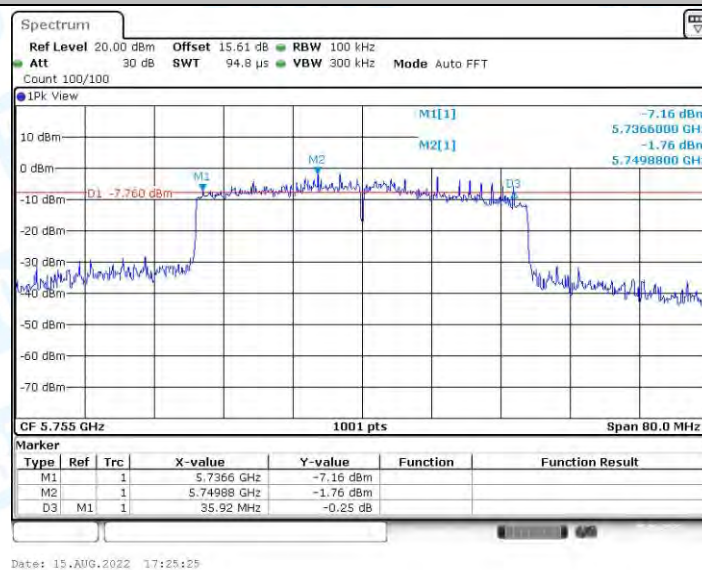
11AX20MIMO_Ant0_5825



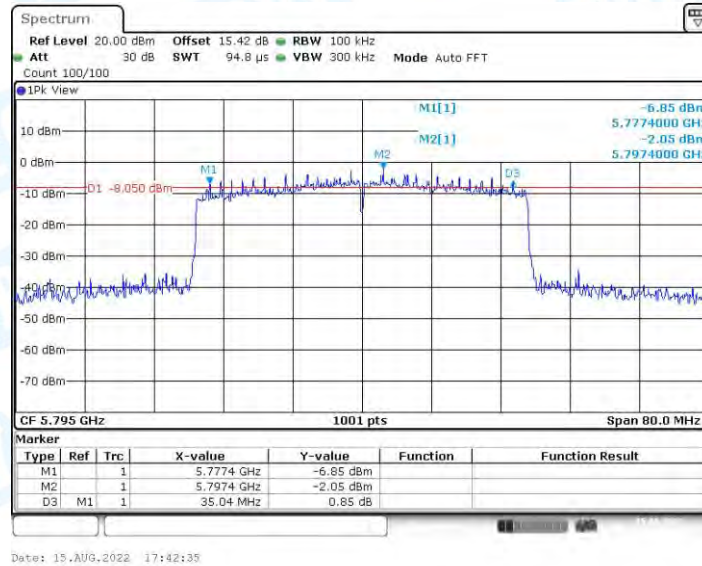
11AX20MIMO_Ant1_5825



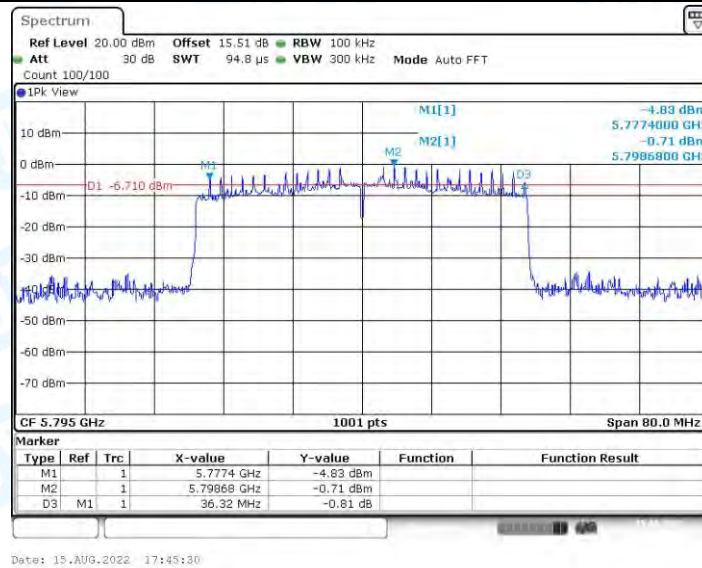
11AX40MIMO_Ant0_5755



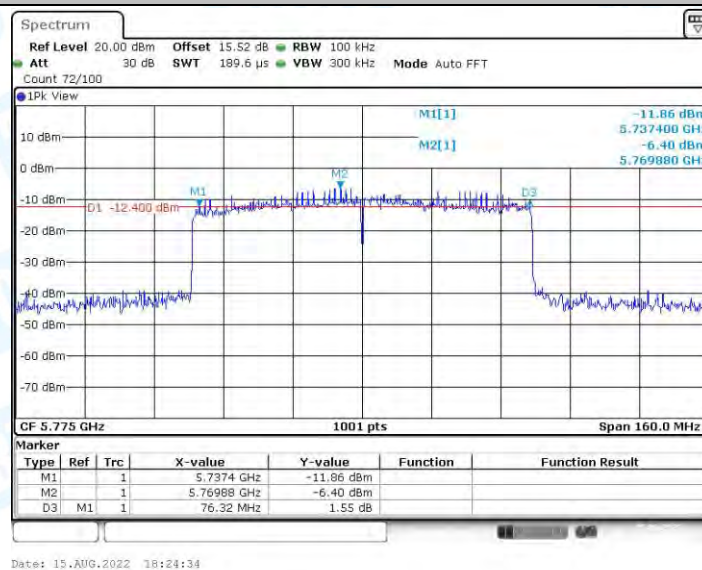
11AX40MIMO_Ant1_5755



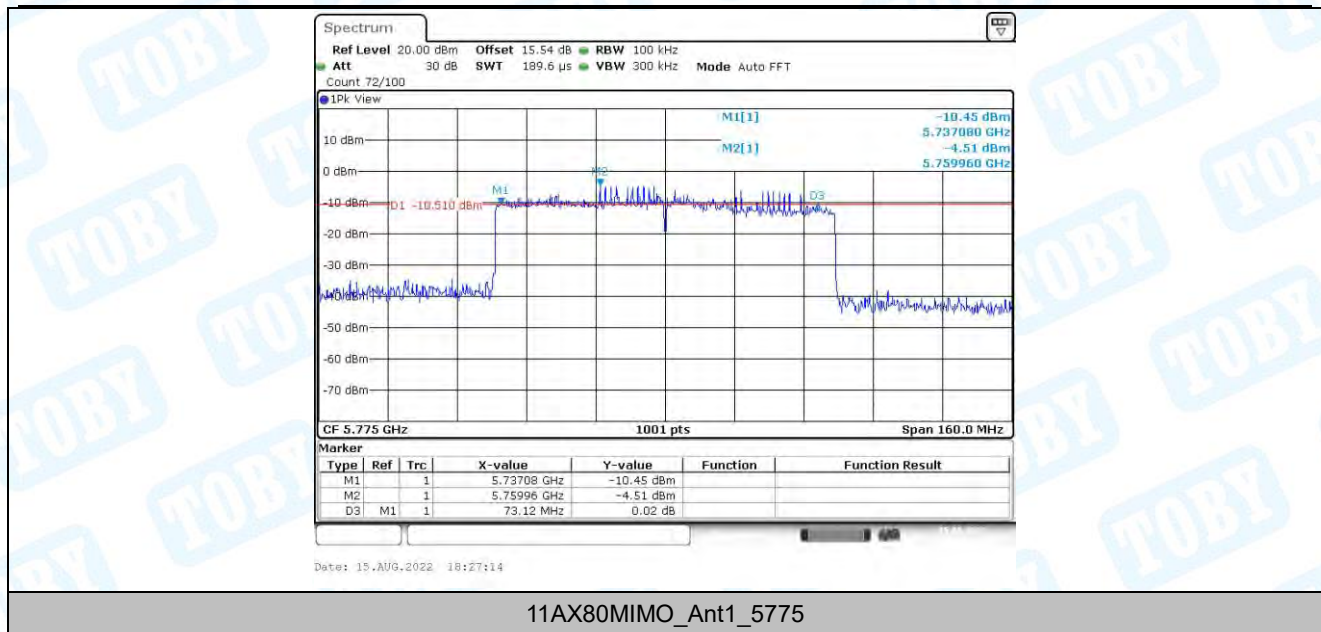
11AX40MIMO_Ant0_5795



11AX40MIMO_Ant1_5795



11AX80MIMO_Ant0_5775



4. Maximum conducted output power

4.1. Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A-CDD	Ant0	5180	14.48	≤23.98	PASS
	Ant1	5180	13.87	≤23.98	PASS
	total	5180	17.20	≤23.98	PASS
	Ant0	5220	14.79	≤23.98	PASS
	Ant1	5220	14.32	≤23.98	PASS
	total	5220	17.57	≤23.98	PASS
	Ant0	5240	15.07	≤23.98	PASS
	Ant1	5240	14.67	≤23.98	PASS
	total	5240	17.88	≤23.98	PASS
	Ant0	5745	14.50	≤30.00	PASS
	Ant1	5745	13.63	≤30.00	PASS
	total	5745	17.10	≤28.64	PASS
	Ant0	5785	15.01	≤30.00	PASS
	Ant1	5785	14.36	≤30.00	PASS
	total	5785	17.71	≤28.64	PASS
	Ant0	5825	15.27	≤30.00	PASS
	Ant1	5825	14.34	≤30.00	PASS
	total	5825	17.84	≤28.64	PASS
11N20MIMO	Ant0	5180	14.26	≤23.98	PASS
	Ant1	5180	13.78	≤23.98	PASS
	total	5180	17.04	≤23.98	PASS
	Ant0	5220	15.01	≤23.98	PASS
	Ant1	5220	14.50	≤23.98	PASS
	total	5220	17.77	≤23.98	PASS
	Ant0	5240	14.92	≤23.98	PASS
	Ant1	5240	14.88	≤23.98	PASS
	total	5240	17.91	≤23.98	PASS
	Ant0	5745	15.41	≤30.00	PASS
	Ant1	5745	14.53	≤30.00	PASS
	total	5745	18.00	≤28.64	PASS
	Ant0	5785	15.72	≤30.00	PASS
	Ant1	5785	14.68	≤30.00	PASS
	total	5785	18.24	≤28.64	PASS
	Ant0	5825	14.94	≤30.00	PASS
	Ant1	5825	13.96	≤30.00	PASS
	total	5825	17.49	≤28.64	PASS
11N40MIMO	Ant0	5190	14.78	≤23.98	PASS
	Ant1	5190	13.97	≤23.98	PASS
	total	5190	17.40	≤23.98	PASS
	Ant0	5230	14.69	≤23.98	PASS
	Ant1	5230	14.44	≤23.98	PASS

	total	5230	17.58	≤23.98	PASS
	Ant0	5755	14.47	≤30.00	PASS
	Ant1	5755	13.51	≤30.00	PASS
	total	5755	17.03	≤28.64	PASS
	Ant0	5795	14.41	≤30.00	PASS
	Ant1	5795	13.71	≤30.00	PASS
	total	5795	17.08	≤28.64	PASS
11AC20MIMO	Ant0	5180	14.48	≤23.98	PASS
	Ant1	5180	13.69	≤23.98	PASS
	total	5180	17.11	≤23.98	PASS
	Ant0	5220	14.89	≤23.98	PASS
	Ant1	5220	14.07	≤23.98	PASS
	total	5220	17.51	≤23.98	PASS
	Ant0	5240	14.83	≤23.98	PASS
	Ant1	5240	14.48	≤23.98	PASS
	total	5240	17.67	≤23.98	PASS
	Ant0	5745	14.65	≤30.00	PASS
	Ant1	5745	13.31	≤30.00	PASS
	total	5745	17.04	≤28.64	PASS
	Ant0	5785	14.38	≤30.00	PASS
	Ant1	5785	13.84	≤30.00	PASS
	total	5785	17.13	≤28.64	PASS
	Ant0	5825	15.05	≤30.00	PASS
	Ant1	5825	13.80	≤30.00	PASS
	total	5825	17.48	≤28.64	PASS
11AC40MIMO	Ant0	5190	14.81	≤23.98	PASS
	Ant1	5190	14.37	≤23.98	PASS
	total	5190	17.61	≤23.98	PASS
	Ant0	5230	14.87	≤23.98	PASS
	Ant1	5230	14.85	≤23.98	PASS
	total	5230	17.87	≤23.98	PASS
	Ant0	5755	14.46	≤30.00	PASS
	Ant1	5755	13.93	≤30.00	PASS
	total	5755	17.21	≤28.64	PASS
	Ant0	5795	15.01	≤30.00	PASS
	Ant1	5795	13.91	≤30.00	PASS
	total	5795	17.51	≤28.64	PASS
11AC80MIMO	Ant0	5210	15.26	≤23.98	PASS
	Ant1	5210	15.02	≤23.98	PASS
	total	5210	18.15	≤23.98	PASS
	Ant0	5775	14.63	≤30.00	PASS
	Ant1	5775	13.79	≤30.00	PASS
	total	5775	17.24	≤28.64	PASS
11AX20MIMO	Ant0	5180	15.15	≤23.98	PASS
	Ant1	5180	14.47	≤23.98	PASS
	total	5180	17.83	≤23.98	PASS

	Ant0	5220	14.79	≤23.98	PASS
	Ant1	5220	14.00	≤23.98	PASS
	total	5220	17.42	≤23.98	PASS
	Ant0	5240	14.99	≤23.98	PASS
	Ant1	5240	14.25	≤23.98	PASS
	total	5240	17.65	≤23.98	PASS
	Ant0	5745	13.83	≤30.00	PASS
	Ant1	5745	13.05	≤30.00	PASS
	total	5745	16.47	≤28.64	PASS
	Ant0	5785	14.97	≤30.00	PASS
	Ant1	5785	13.89	≤30.00	PASS
	total	5785	17.47	≤28.64	PASS
	Ant0	5825	14.71	≤30.00	PASS
	Ant1	5825	13.32	≤30.00	PASS
	total	5825	17.08	≤28.64	PASS
11AX40MIMO	Ant0	5190	14.27	≤23.98	PASS
	Ant1	5190	14.04	≤23.98	PASS
	total	5190	17.17	≤23.98	PASS
	Ant0	5230	15.12	≤23.98	PASS
	Ant1	5230	14.75	≤23.98	PASS
	total	5230	17.95	≤23.98	PASS
	Ant0	5755	14.64	≤30.00	PASS
	Ant1	5755	14.05	≤30.00	PASS
	total	5755	17.37	≤28.64	PASS
	Ant0	5795	14.82	≤30.00	PASS
	Ant1	5795	13.50	≤30.00	PASS
	total	5795	17.22	≤28.64	PASS
11AX80MIMO	Ant0	5210	15.00	≤23.98	PASS
	Ant1	5210	15.26	≤23.98	PASS
	total	5210	18.14	≤23.98	PASS
	Ant0	5775	14.81	≤30.00	PASS
	Ant1	5775	13.83	≤30.00	PASS
	total	5775	17.36	≤28.64	PASS

Note: 1.The Duty Cycle Factor is compensated in the graph.

2.The EUT incorporates a MIMO function. Physically, the EUT provides two antennas for transmitting and receiving.

When ANT.0 and ANT. 1 transmitting simultaneously, and the

Directional Gain=5.74dBi<6dBi. For U-NII-1: 5180MHz-5240MHz (Ant.0: 5.0dBi; Ant.1: -0.34dBi)

Directional Gain =7.36dBi>6dBi. For U-NII-3: 5745MHz-5825MHz (Ant.0: 5.64dBi; Ant.1: 2.83dBi)

So Pout = Plimit-(G_{TX}-6)=(30.00-1.36)dBm =28.64dBm For U-NII-3: 5745MHz-5825MHz

5. Maximum power spectral density

5.1. Test Result

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A-CDD	Ant0	5180	2.2	≤11.00	PASS
	Ant1	5180	3.84	≤11.00	PASS
	total	5180	6.11	≤11.00	PASS
	Ant0	5220	2.73	≤11.00	PASS
	Ant1	5220	3.1	≤11.00	PASS
	total	5220	5.93	≤11.00	PASS
	Ant0	5240	3.8	≤11.00	PASS
	Ant1	5240	3.04	≤11.00	PASS
	total	5240	6.45	≤11.00	PASS
	Ant0	5745	-1.8	≤30.00	PASS
	Ant1	5745	-0.17	≤30.00	PASS
	total	5745	2.10	≤28.64	PASS
	Ant0	5785	-0.33	≤30.00	PASS
	Ant1	5785	0.12	≤30.00	PASS
	total	5785	2.91	≤28.64	PASS
	Ant0	5825	0.16	≤30.00	PASS
	Ant1	5825	1	≤30.00	PASS
	total	5825	3.61	≤28.64	PASS
11N20MIMO	Ant0	5180	2.1	≤11.00	PASS
	Ant1	5180	3.53	≤11.00	PASS
	total	5180	5.88	≤11.00	PASS
	Ant0	5220	2.85	≤11.00	PASS
	Ant1	5220	3.51	≤11.00	PASS
	total	5220	6.20	≤11.00	PASS
	Ant0	5240	3.55	≤11.00	PASS
	Ant1	5240	3.78	≤11.00	PASS
	total	5240	6.68	≤11.00	PASS
	Ant0	5745	-0.19	≤30.00	PASS
	Ant1	5745	0.55	≤30.00	PASS
	total	5745	3.21	≤28.64	PASS
	Ant0	5785	0.33	≤30.00	PASS
	Ant1	5785	0.37	≤30.00	PASS
	total	5785	3.36	≤28.64	PASS
	Ant0	5825	-0.21	≤30.00	PASS
	Ant1	5825	0.22	≤30.00	PASS
	total	5825	3.02	≤28.64	PASS
11N40MIMO	Ant0	5190	-0.1	≤11.00	PASS
	Ant1	5190	1.75	≤11.00	PASS
	total	5190	3.93	≤11.00	PASS
	Ant0	5230	0.24	≤11.00	PASS
	Ant1	5230	1.12	≤11.00	PASS

	total	5230	3.71	≤11.00	PASS
	Ant0	5755	-3.12	≤30.00	PASS
	Ant1	5755	-2.65	≤30.00	PASS
	total	5755	0.13	≤28.64	PASS
	Ant0	5795	-3.22	≤30.00	PASS
	Ant1	5795	-2.65	≤30.00	PASS
	total	5795	0.08	≤28.64	PASS
11AC20MIMO	Ant0	5180	2.76	≤11.00	PASS
	Ant1	5180	3.57	≤11.00	PASS
	total	5180	6.19	≤11.00	PASS
	Ant0	5220	2.74	≤11.00	PASS
	Ant1	5220	3.62	≤11.00	PASS
	total	5220	6.21	≤11.00	PASS
	Ant0	5240	3.08	≤11.00	PASS
	Ant1	5240	4.11	≤11.00	PASS
	total	5240	6.64	≤11.00	PASS
	Ant0	5745	-1.1	≤30.00	PASS
	Ant1	5745	-0.95	≤30.00	PASS
	total	5745	1.99	≤28.64	PASS
	Ant0	5785	-1.27	≤30.00	PASS
	Ant1	5785	-0.35	≤30.00	PASS
	total	5785	2.22	≤28.64	PASS
	Ant0	5825	-0.48	≤30.00	PASS
	Ant1	5825	0.17	≤30.00	PASS
	total	5825	2.87	≤28.64	PASS
11AC40MIMO	Ant0	5190	0.07	≤11.00	PASS
	Ant1	5190	1.78	≤11.00	PASS
	total	5190	4.02	≤11.00	PASS
	Ant0	5230	1.28	≤11.00	PASS
	Ant1	5230	2.04	≤11.00	PASS
	total	5230	4.69	≤11.00	PASS
	Ant0	5755	-3.65	≤30.00	PASS
	Ant1	5755	-1.66	≤30.00	PASS
	total	5755	0.47	≤28.64	PASS
	Ant0	5795	-2.28	≤30.00	PASS
	Ant1	5795	-2.03	≤30.00	PASS
	total	5795	0.86	≤28.64	PASS
11AC80MIMO	Ant0	5210	-1.02	≤11.00	PASS
	Ant1	5210	0.3	≤11.00	PASS
	total	5210	2.70	≤11.00	PASS
	Ant0	5775	-5.1	≤30.00	PASS
	Ant1	5775	-4.09	≤30.00	PASS
	total	5775	-1.56	≤28.64	PASS
11AX20MIMO	Ant0	5180	0.42	≤11.00	PASS
	Ant1	5180	4.18	≤11.00	PASS
	total	5180	5.71	≤11.00	PASS

	Ant0	5220	1.79	≤11.00	PASS
	Ant1	5220	2.53	≤11.00	PASS
	total	5220	5.19	≤11.00	PASS
	Ant0	5240	2.47	≤11.00	PASS
	Ant1	5240	2.61	≤11.00	PASS
	total	5240	5.55	≤11.00	PASS
	Ant0	5745	-2.66	≤30.00	PASS
	Ant1	5745	-0.79	≤30.00	PASS
	total	5745	1.39	≤28.64	PASS
	Ant0	5785	-0.79	≤30.00	PASS
	Ant1	5785	-0.77	≤30.00	PASS
	total	5785	2.23	≤28.64	PASS
	Ant0	5825	-1.2	≤30.00	PASS
	Ant1	5825	-0.33	≤30.00	PASS
	total	5825	2.27	≤28.64	PASS
11AX40MIMO	Ant0	5190	-0.14	≤11.00	PASS
	Ant1	5190	1.73	≤11.00	PASS
	total	5190	3.91	≤11.00	PASS
	Ant0	5230	0.46	≤11.00	PASS
	Ant1	5230	1.22	≤11.00	PASS
	total	5230	3.87	≤11.00	PASS
	Ant0	5755	-3.02	≤30.00	PASS
	Ant1	5755	-1.71	≤30.00	PASS
	total	5755	0.69	≤28.64	PASS
	Ant0	5795	-2.95	≤30.00	PASS
	Ant1	5795	-2.72	≤30.00	PASS
	total	5795	0.18	≤28.64	PASS
11AX80MIMO	Ant0	5210	-1.06	≤11.00	PASS
	Ant1	5210	-0.9	≤11.00	PASS
	total	5210	2.03	≤11.00	PASS
	Ant0	5775	-4.98	≤30.00	PASS
	Ant1	5775	-5.39	≤30.00	PASS
	total	5775	-2.17	≤28.64	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.

3. The EUT incorporates a MIMO function. Physically, the EUT provides three antennas for transmitting and receiving.

Directional Gain=5.74dBi<6dBi. For U-NII-1: 5180MHz-5240MHz (Ant.0: 5.0dBi; Ant.1: -0.34dBi)

Directional Gain =7.36dBi>6dBi. For U-NII-3: 5745MHz-5825MHz (Ant.0: 5.64dBi; Ant.1: 2.83dBi)

So Pout = Plimit-(G_{TX}-6)=(30-1.36)dBm/500kHz =28.64dBm/500kHz For U-NII-3: 5745MHz-5825MHz

5.2. Test Graphs



11A-CDD_Ant0_5180



11A-CDD_Ant1_5180



11A-CDD_Ant0_5220



11A-CDD_Ant1_5220



11A-CDD_Ant0_5240



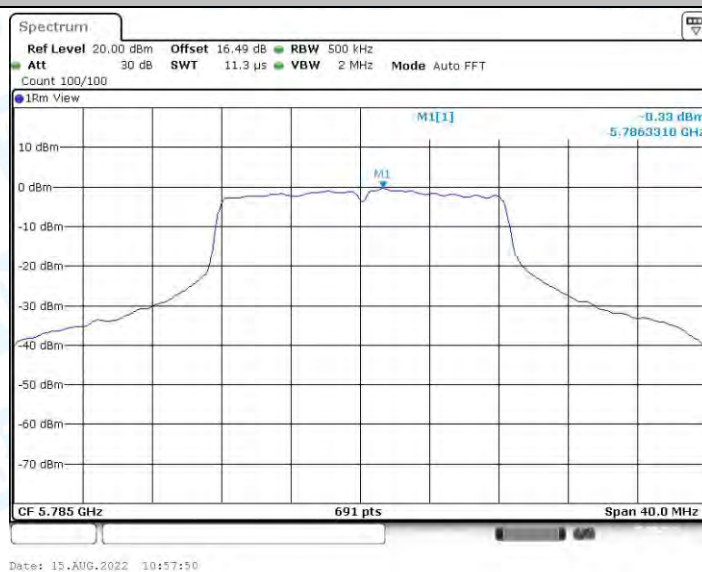
11A-CDD_Ant1_5240



11A-CDD_Ant0_5745



11A-CDD_Ant1_5745



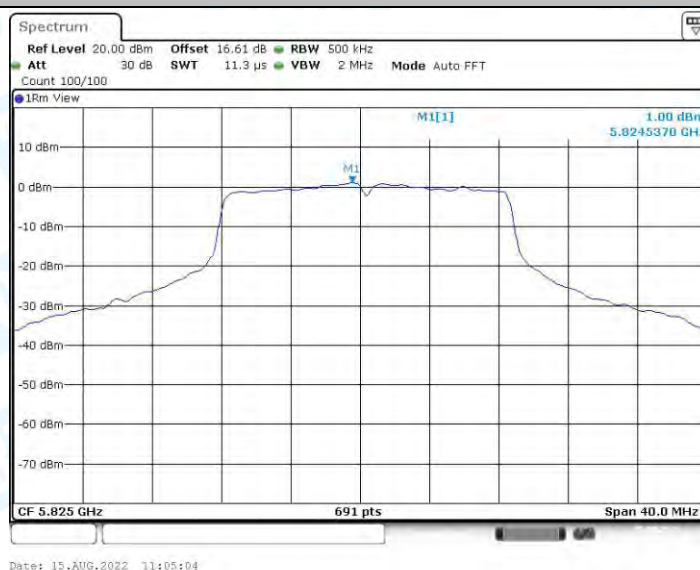
11A-CDD_Ant0_5785



11A-CDD_Ant1_5785



11A-CDD_Ant0_5825



11A-CDD_Ant1_5825