

RF Test Data for 5G Wi-Fi

(Conducted Measurements)

General Description of EUT	
EUT Name:	HCB2
Model:	73355046
Sample ID:	HC-C-202506-0272-01-01
Test Standard:	FCC Part 15.407
Environmental Conditions	
Ambient Temperature:	25.6°C
Ambient Humidity:	48.6%RH
Test Power Supply:	DC 5V
Test Engineer:	Gold zhang
Note: For a more detailed features description, please refer to the report TBR-C-202506-0272-83	

Contents

1: Emission Bandwidth	3
1.1 Test Result	3
1.2 Test Graphs	6
2: Occupied channel bandwidth	22
2.1 Test Result	22
2.2 Test Graphs	26
3: Min emission bandwidth	46
3.1 Test Result-B4	46
3.2 Test Graphs-B4	48
4: Duty Cycle	55
4.1 Test Result	55
4.2 Test Graphs	58
5: Maximum conducted output power	78
5.1 Test Result	78
6: Maximum power spectral density	83
6.1 Test Result	83
6.2 Test Graphs	88
7: Frequency Stability	110
7.1 Test Result	110

1: Emission Bandwidth

1.1 Test Result

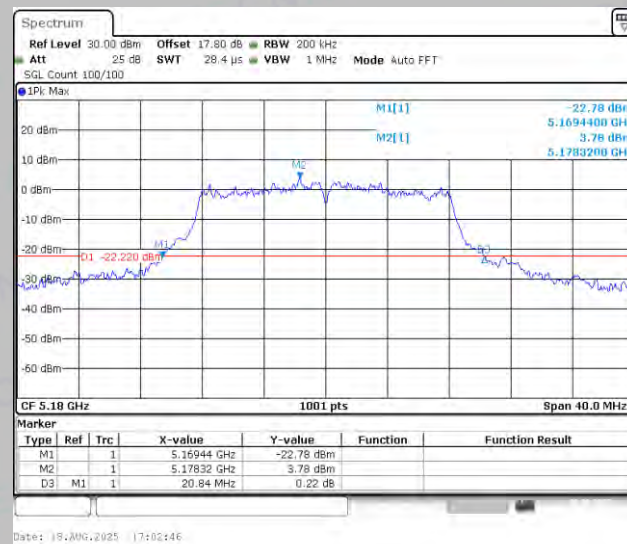
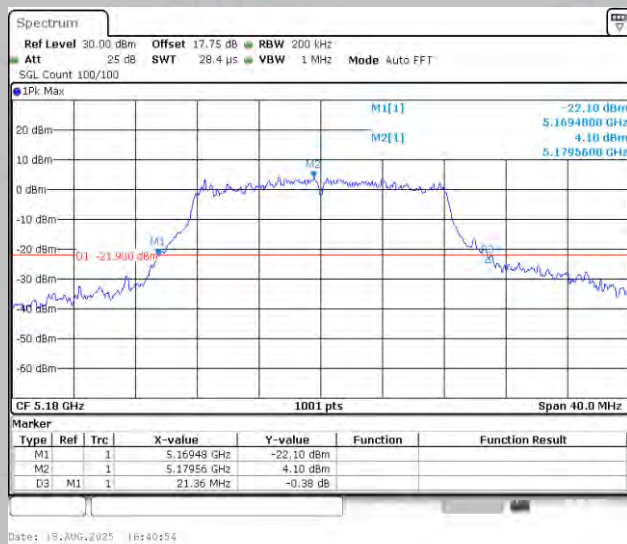
TestMode	Antenna	Frequency[MHz]	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.36	5169.48	5190.84	---	---
11A	Ant2	5180	20.84	5169.44	5190.28	---	---
11A	Ant1	5200	21.20	5189.20	5210.40	---	---
11A	Ant2	5200	20.96	5189.36	5210.32	---	---
11A	Ant1	5240	21.44	5229.12	5250.56	---	---
11A	Ant2	5240	21.52	5229.24	5250.76	---	---
11A	Ant1	5260	20.96	5249.40	5270.36	---	---
11A	Ant2	5260	21.88	5248.68	5270.56	---	---
11A	Ant1	5280	21.00	5269.28	5290.28	---	---
11A	Ant2	5280	21.04	5269.28	5290.32	---	---
11A	Ant1	5320	20.96	5309.44	5330.40	---	---
11A	Ant2	5320	20.88	5309.32	5330.20	---	---
11A	Ant1	5500	23.68	5486.72	5510.40	---	---
11A	Ant2	5500	21.36	5489.36	5510.72	---	---
11A	Ant1	5600	20.84	5589.40	5610.24	---	---
11A	Ant2	5600	30.68	5584.32	5615.00	---	---
11A	Ant2	5720	21.40	5709.28	5730.68	---	---
11A	Ant1	5720	21.12	5709.32	5730.44	---	---
11A	Ant2	5720_UNII-2C	15.72	5709.28	5725	---	---
11A	Ant1	5720_UNII-2C	15.68	5709.32	5725	---	---
11A	Ant2	5720_UNII-3	5.68	5725	5730.68	---	---
11A	Ant1	5720_UNII-3	5.44	5725	5730.44	---	---
11N20MIMO	Ant1	5180	21.24	5169.32	5190.56	---	---
11N20MIMO	Ant2	5180	21.32	5169.32	5190.64	---	---
11N20MIMO	Ant1	5200	21.00	5189.40	5210.40	---	---
11N20MIMO	Ant2	5200	21.24	5189.36	5210.60	---	---
11N20MIMO	Ant1	5240	21.00	5229.52	5250.52	---	---
11N20MIMO	Ant2	5240	21.20	5229.44	5250.64	---	---
11N20MIMO	Ant1	5260	21.28	5249.20	5270.48	---	---
11N20MIMO	Ant2	5260	21.40	5249.08	5270.48	---	---
11N20MIMO	Ant1	5280	20.96	5269.44	5290.40	---	---
11N20MIMO	Ant2	5280	21.32	5269.08	5290.40	---	---
11N20MIMO	Ant1	5320	20.84	5309.64	5330.48	---	---
11N20MIMO	Ant2	5320	20.96	5309.36	5330.32	---	---
11N20MIMO	Ant1	5500	21.48	5489.24	5510.72	---	---
11N20MIMO	Ant2	5500	21.04	5489.36	5510.40	---	---
11N20MIMO	Ant1	5600	21.20	5589.40	5610.60	---	---
11N20MIMO	Ant2	5600	21.20	5589.20	5610.40	---	---
11N20MIMO	Ant1	5720	21.20	5709.44	5730.64	---	---
11N20MIMO	Ant2	5720	21.04	5709.40	5730.44	---	---
11N20MIMO	Ant1	5720_UNII-2C	15.56	5709.44	5725	---	---
11N20MIMO	Ant2	5720_UNII-2C	15.6	5709.40	5725	---	---
11N20MIMO	Ant1	5720_UNII-3	5.64	5725	5730.64	---	---

11N20MIMO	Ant2	5720_UNII-3	5.44	5725	5730.44	---	---
11N40MIMO	Ant1	5190	39.76	5170.08	5209.84	---	---
11N40MIMO	Ant2	5190	39.76	5169.92	5209.68	---	---
11N40MIMO	Ant1	5230	39.92	5210.08	5250.00	---	---
11N40MIMO	Ant2	5230	38.88	5210.56	5249.44	---	---
11N40MIMO	Ant1	5270	39.60	5250.16	5289.76	---	---
11N40MIMO	Ant2	5270	39.20	5250.40	5289.60	---	---
11N40MIMO	Ant1	5310	39.84	5289.92	5329.76	---	---
11N40MIMO	Ant2	5310	39.04	5290.56	5329.60	---	---
11N40MIMO	Ant1	5510	39.60	5490.24	5529.84	---	---
11N40MIMO	Ant2	5510	39.20	5490.32	5529.52	---	---
11N40MIMO	Ant1	5590	40.08	5569.84	5609.92	---	---
11N40MIMO	Ant2	5590	39.12	5570.56	5609.68	---	---
11N40MIMO	Ant1	5710	39.52	5690.16	5729.68	---	---
11N40MIMO	Ant2	5710	39.44	5690.24	5729.68	---	---
11N40MIMO	Ant1	5710_UNII-2C	34.84	5690.16	5725	---	---
11N40MIMO	Ant2	5710_UNII-2C	34.76	5690.24	5725	---	---
11N40MIMO	Ant1	5710_UNII-3	4.68	5725	5729.68	---	---
11N40MIMO	Ant2	5710_UNII-3	4.68	5725	5729.68	---	---
11AC20MIMO	Ant1	5180	21.16	5169.36	5190.52	---	---
11AC20MIMO	Ant2	5180	21.28	5169.28	5190.56	---	---
11AC20MIMO	Ant1	5200	20.96	5189.48	5210.44	---	---
11AC20MIMO	Ant2	5200	21.24	5189.32	5210.56	---	---
11AC20MIMO	Ant1	5240	21.28	5229.40	5250.68	---	---
11AC20MIMO	Ant2	5240	21.32	5229.24	5250.56	---	---
11AC20MIMO	Ant1	5260	21.40	5249.28	5270.68	---	---
11AC20MIMO	Ant2	5260	21.44	5249.28	5270.72	---	---
11AC20MIMO	Ant1	5280	21.20	5269.28	5290.48	---	---
11AC20MIMO	Ant2	5280	21.20	5269.36	5290.56	---	---
11AC20MIMO	Ant1	5320	21.36	5309.36	5330.72	---	---
11AC20MIMO	Ant2	5320	20.88	5309.56	5330.44	---	---
11AC20MIMO	Ant1	5500	21.60	5488.96	5510.56	---	---
11AC20MIMO	Ant2	5500	21.32	5489.28	5510.60	---	---
11AC20MIMO	Ant1	5600	21.16	5589.40	5610.56	---	---
11AC20MIMO	Ant2	5600	20.88	5589.68	5610.56	---	---
11AC20MIMO	Ant1	5720	21.56	5709.24	5730.80	---	---
11AC20MIMO	Ant2	5720	21.28	5709.28	5730.56	---	---
11AC20MIMO	Ant1	5720_UNII-2C	15.76	5709.24	5725	---	---
11AC20MIMO	Ant2	5720_UNII-2C	15.72	5709.28	5725	---	---
11AC20MIMO	Ant1	5720_UNII-3	5.8	5725	5730.80	---	---
11AC20MIMO	Ant2	5720_UNII-3	5.56	5725	5730.56	---	---
11AC40MIMO	Ant1	5190	39.36	5170.24	5209.60	---	---
11AC40MIMO	Ant2	5190	39.60	5170.00	5209.60	---	---
11AC40MIMO	Ant1	5230	40.64	5209.52	5250.16	---	---
11AC40MIMO	Ant2	5230	39.60	5210.40	5250.00	---	---
11AC40MIMO	Ant1	5270	39.68	5250.00	5289.68	---	---
11AC40MIMO	Ant2	5270	39.04	5250.32	5289.36	---	---

11AC40MIMO	Ant1	5310	39.92	5290.08	5330.00	---	---
11AC40MIMO	Ant2	5310	39.36	5290.24	5329.60	---	---
11AC40MIMO	Ant1	5510	39.36	5490.24	5529.60	---	---
11AC40MIMO	Ant2	5510	39.20	5490.48	5529.68	---	---
11AC40MIMO	Ant1	5590	40.00	5569.84	5609.84	---	---
11AC40MIMO	Ant2	5590	39.60	5570.24	5609.84	---	---
11AC40MIMO	Ant1	5710	39.68	5690.16	5729.84	---	---
11AC40MIMO	Ant2	5710	39.44	5690.16	5729.60	---	---
11AC40MIMO	Ant1	5710_UNII-2C	34.84	5690.16	5725	---	---
11AC40MIMO	Ant2	5710_UNII-2C	34.84	5690.16	5725	---	---
11AC40MIMO	Ant1	5710_UNII-3	4.84	5725	5729.84	---	---
11AC40MIMO	Ant2	5710_UNII-3	4.6	5725	5729.60	---	---
11AC80MIMO	Ant1	5210	80.00	5170.00	5250.00	---	---
11AC80MIMO	Ant2	5210	80.80	5170.00	5250.80	---	---
11AC80MIMO	Ant1	5290	79.68	5250.16	5329.84	---	---
11AC80MIMO	Ant2	5290	91.84	5237.84	5329.68	---	---
11AC80MIMO	Ant1	5530	79.84	5490.00	5569.84	---	---
11AC80MIMO	Ant2	5530	79.68	5490.32	5570.00	---	---
11AC80MIMO	Ant1	5610	80.64	5570.16	5650.80	---	---
11AC80MIMO	Ant2	5610	79.68	5570.16	5649.84	---	---
11AC80MIMO	Ant2	5690	79.84	5650.00	5729.84	---	---
11AC80MIMO	Ant1	5690	79.68	5650.16	5729.84	---	---
11AC80MIMO	Ant2	5690_UNII-2C	75	5650.00	5725	---	---
11AC80MIMO	Ant1	5690_UNII-2C	74.84	5650.16	5725	---	---
11AC80MIMO	Ant2	5690_UNII-3	4.84	5725	5729.84	---	---
11AC80MIMO	Ant1	5690_UNII-3	4.84	5725	5729.84	---	---

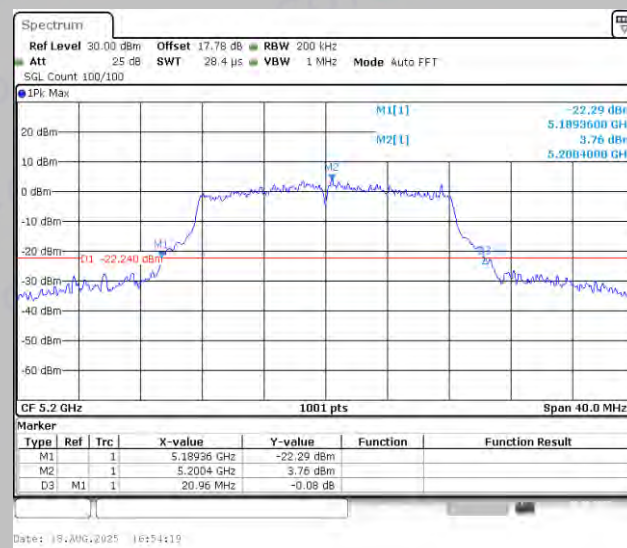
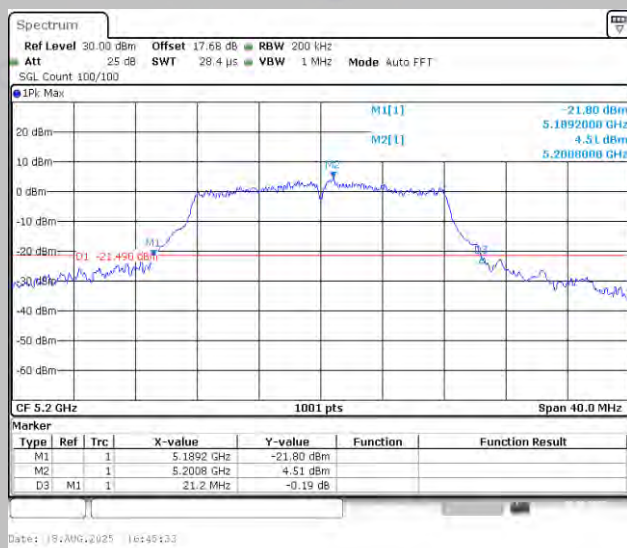
Note: RF Conducted test Offset= cable loss+ Attenuator(10dB).

1.2 Test Graphs



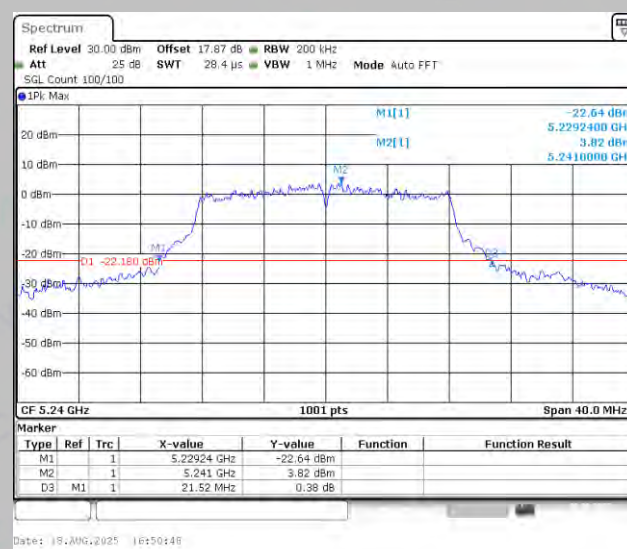
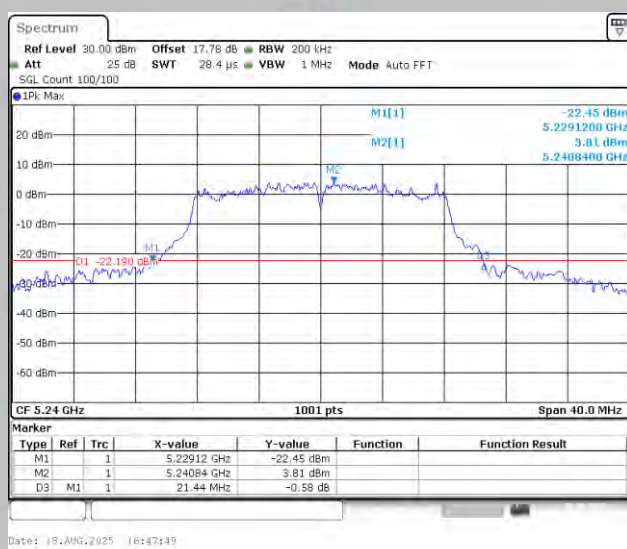
11A-Ant1-5180

11A-Ant2-5180



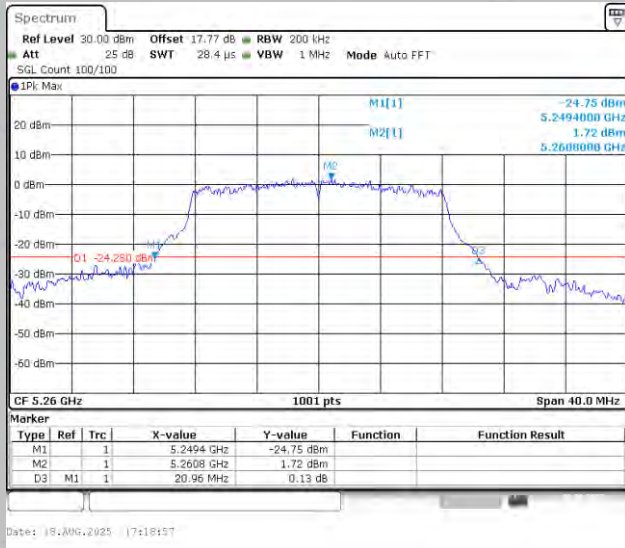
11A-Ant1-5200

11A-Ant2-5200

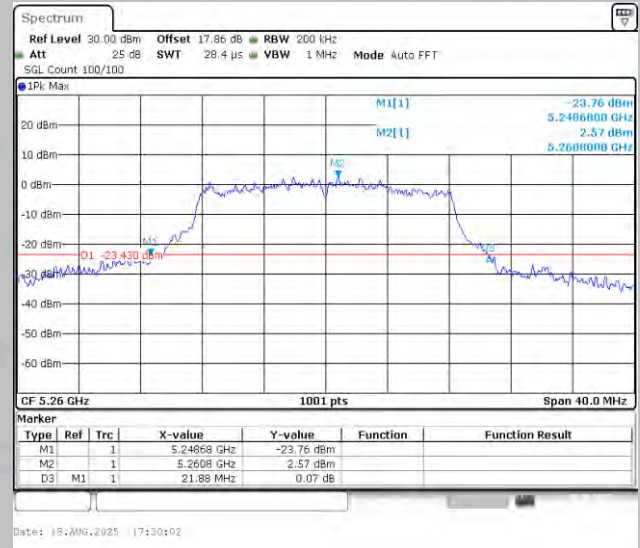


11A-Ant1-5240

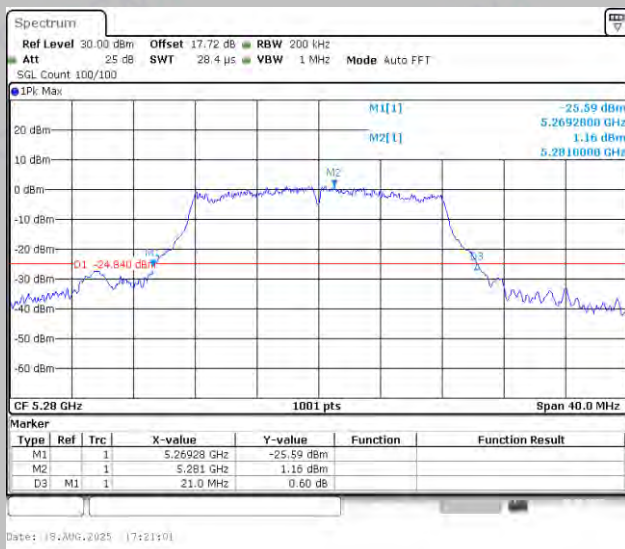
11A-Ant2-5240



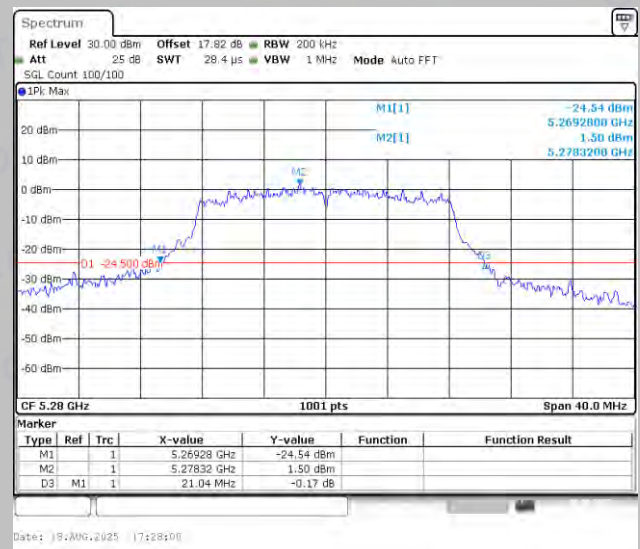
11A-Ant1-5260



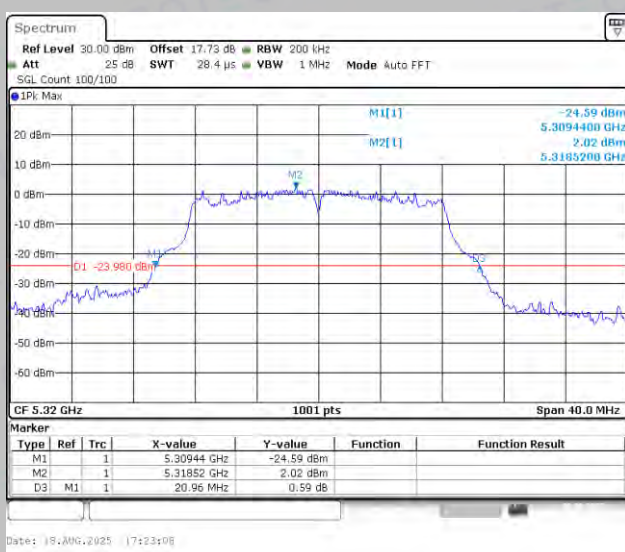
11A-Ant2-5260



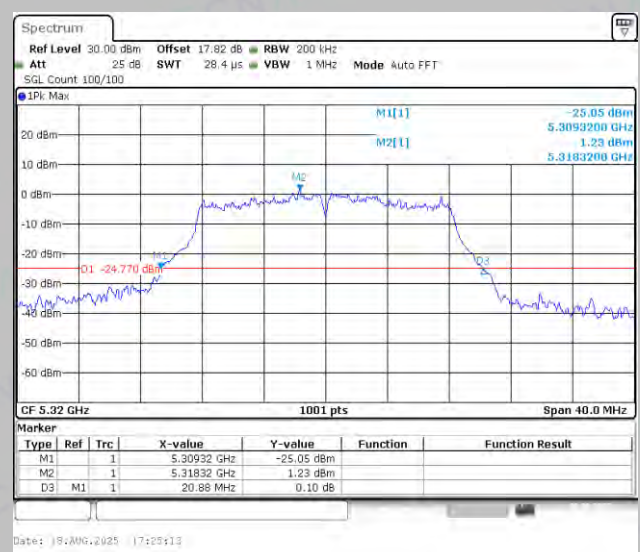
11A-Ant1-5280



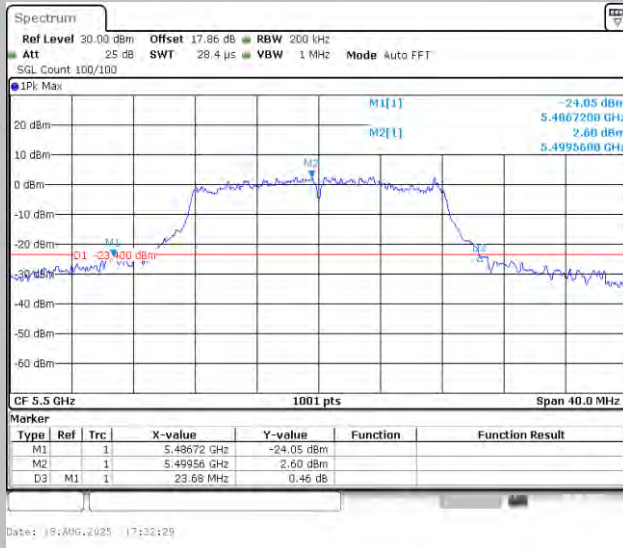
11A-Ant2-5280



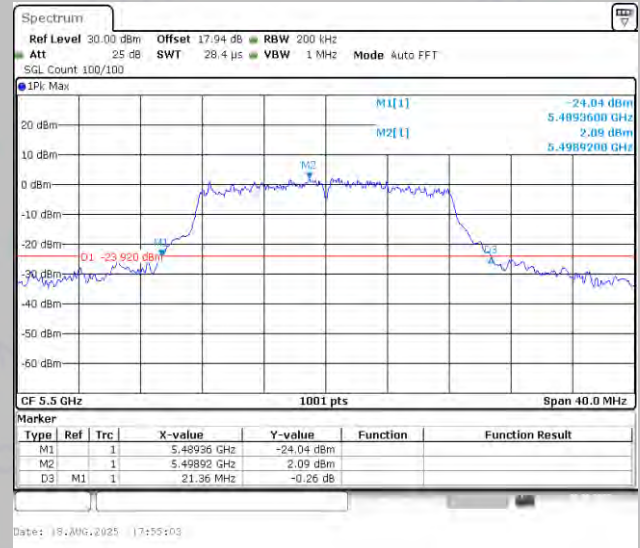
11A-Ant1-5320



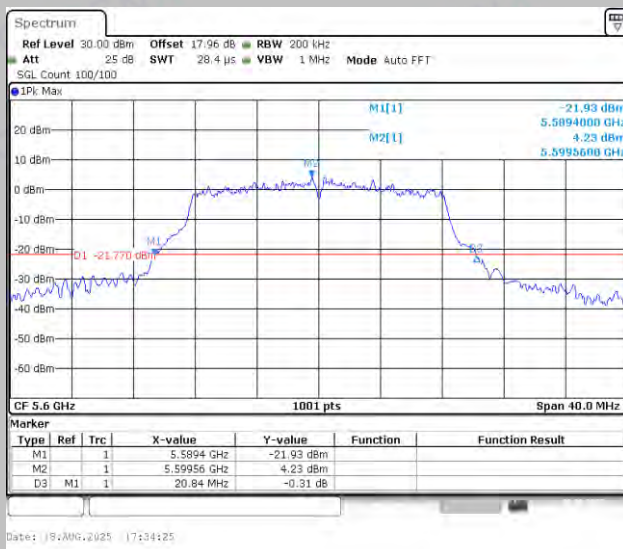
11A-Ant2-5320



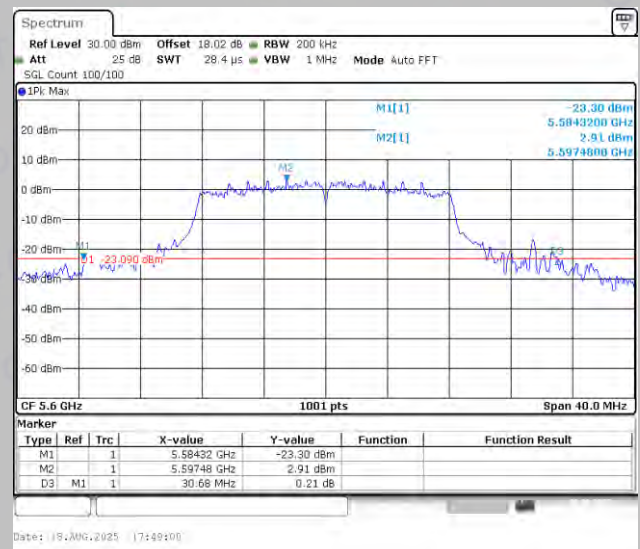
11A-Ant1-5500



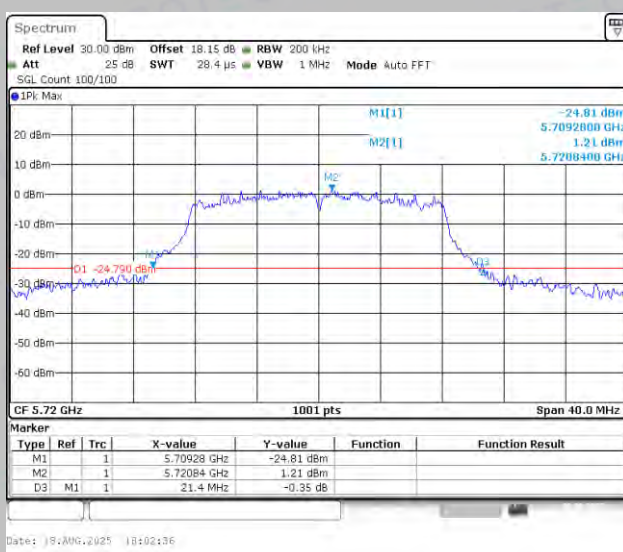
11A-Ant2-5500



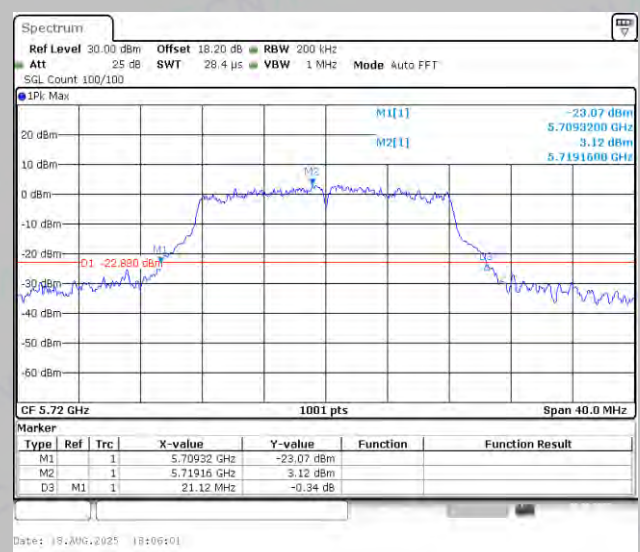
11A-Ant1-5600



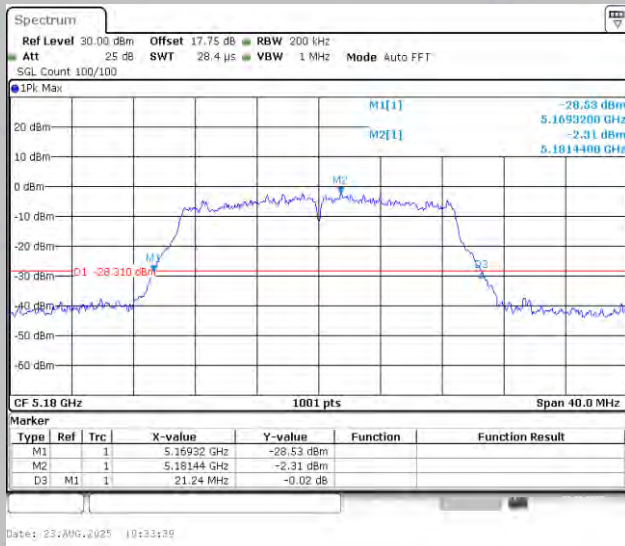
11A-Ant2-5600



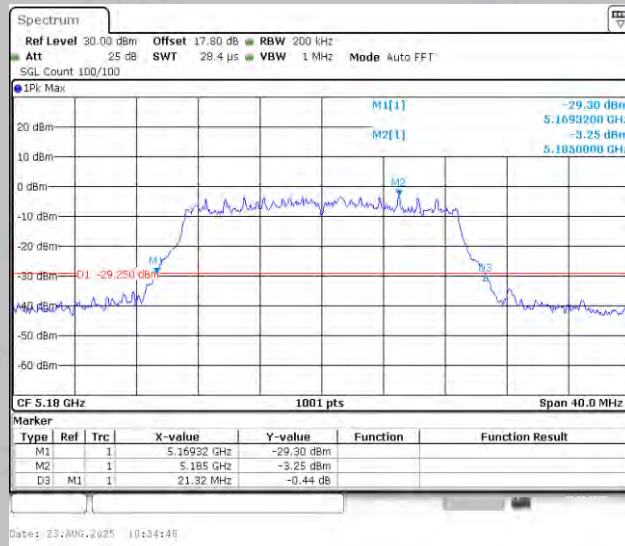
11A-Ant2-5720



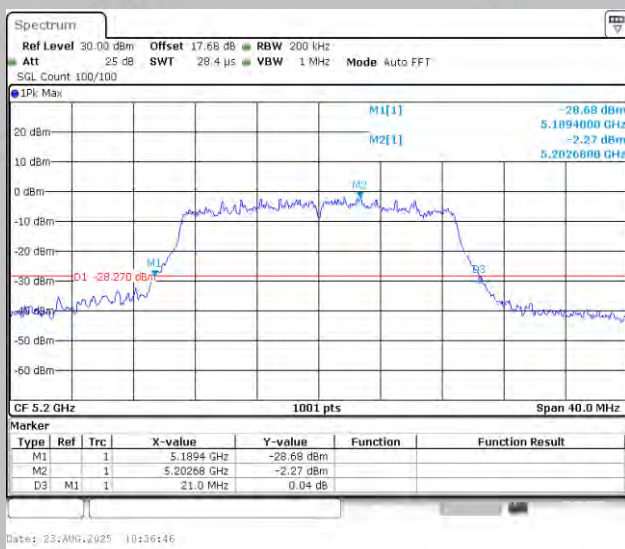
11A-Ant1-5720



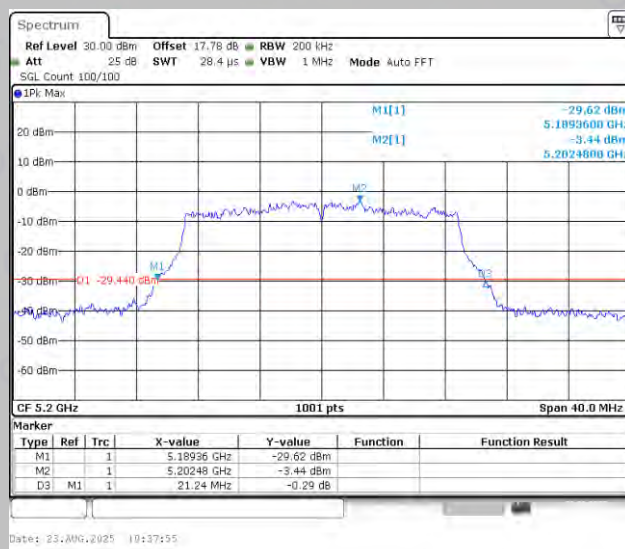
11N20MIMO-Ant1-5180



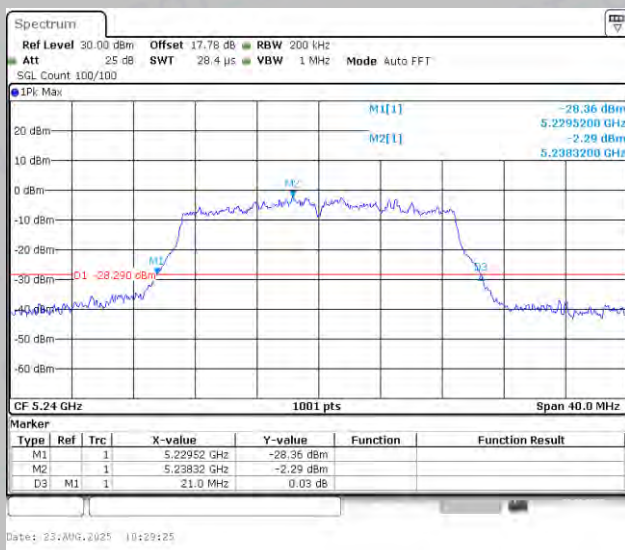
11N20MIMO-Ant2-5180



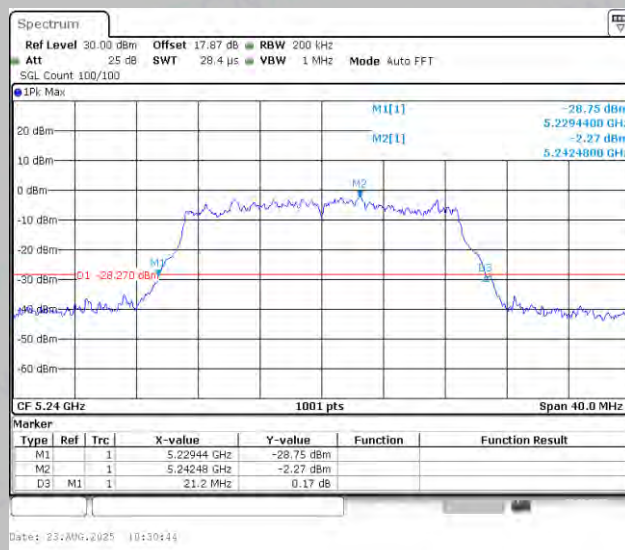
11N20MIMO-Ant1-5200



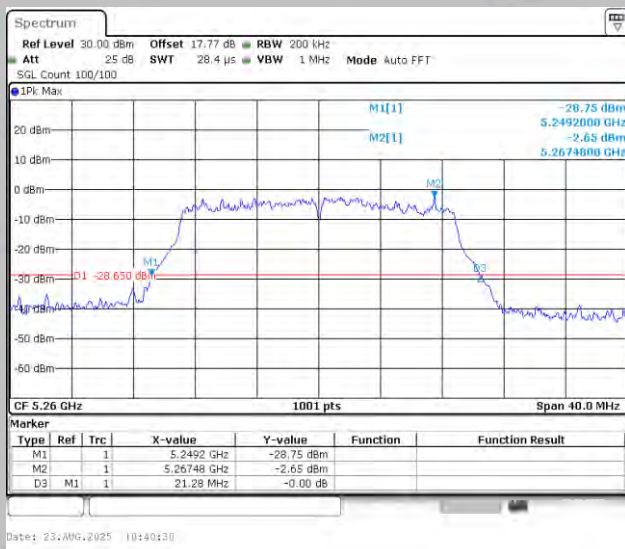
11N20MIMO-Ant2-5200



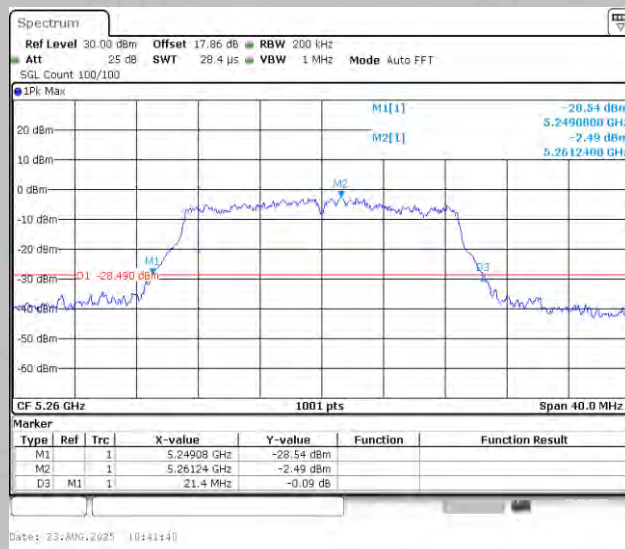
11N20MIMO-Ant1-5240



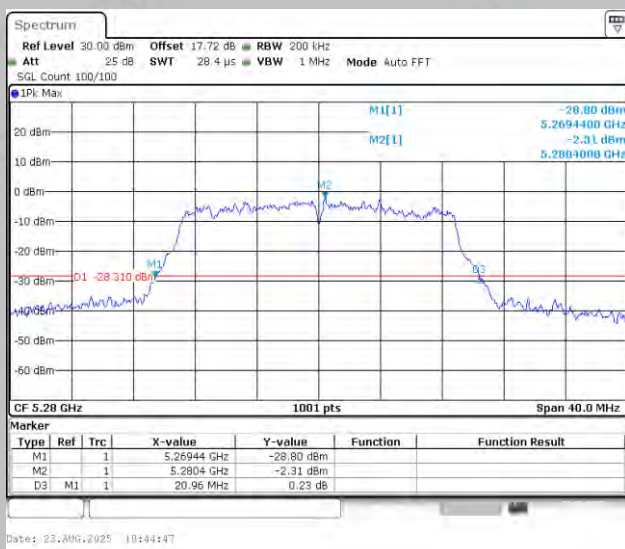
11N20MIMO-Ant2-5240



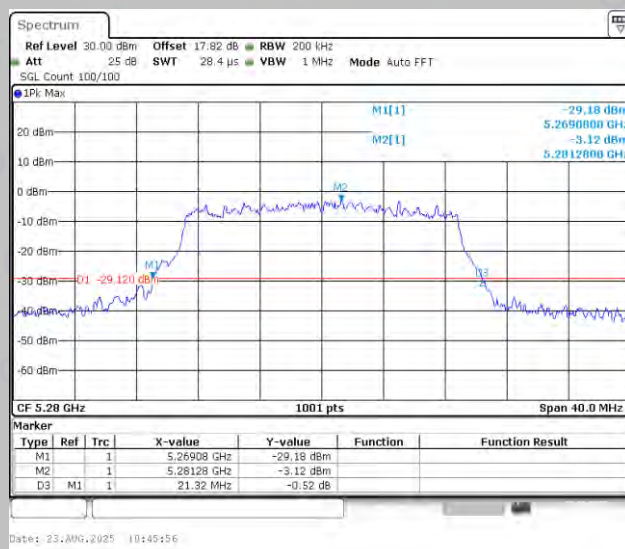
11N20MIMO-Ant1-5260



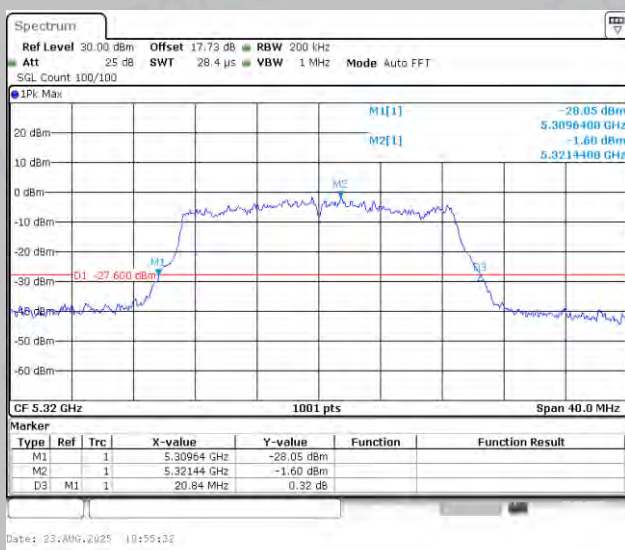
11N20MIMO-Ant2-5260



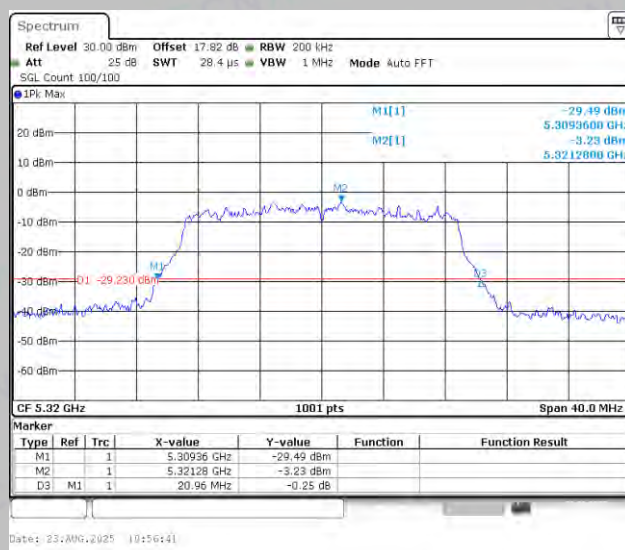
11N20MIMO-Ant1-5280



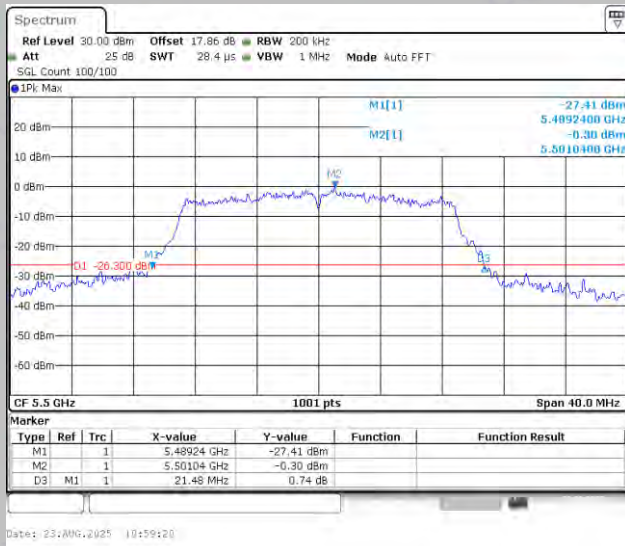
11N20MIMO-Ant2-5280



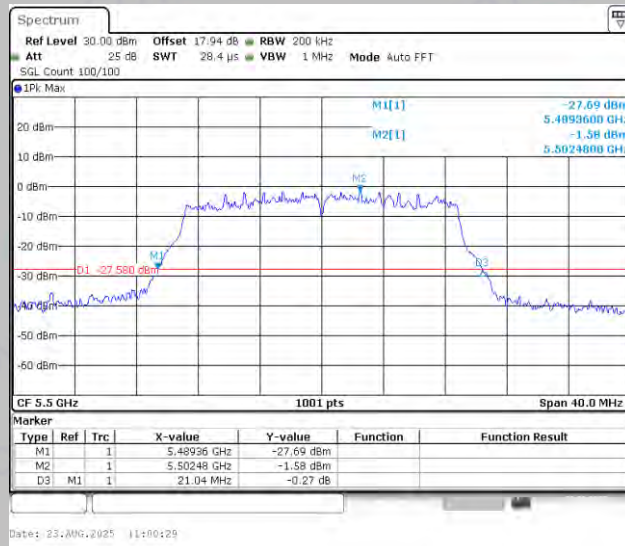
11N20MIMO-Ant1-5320



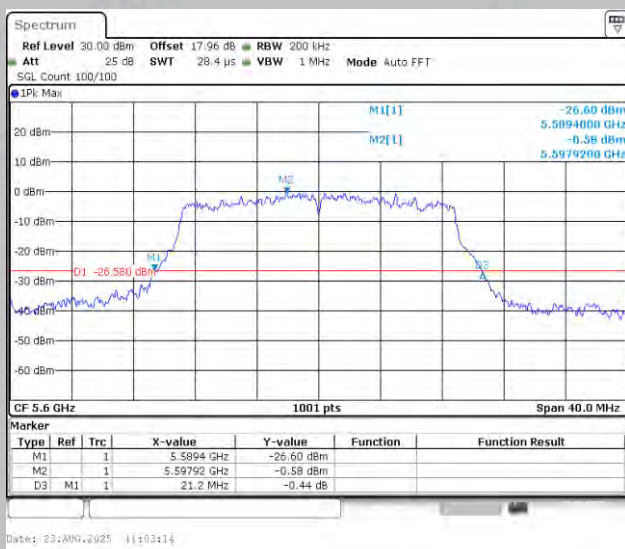
11N20MIMO-Ant2-5320



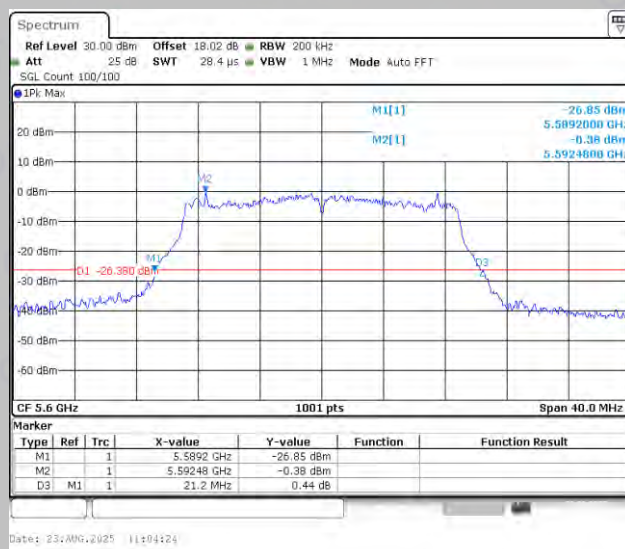
11N20MIMO-Ant1-5500



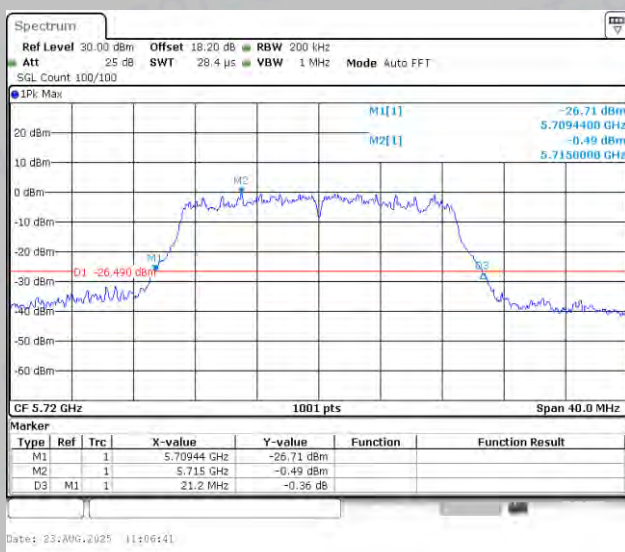
11N20MIMO-Ant2-5500



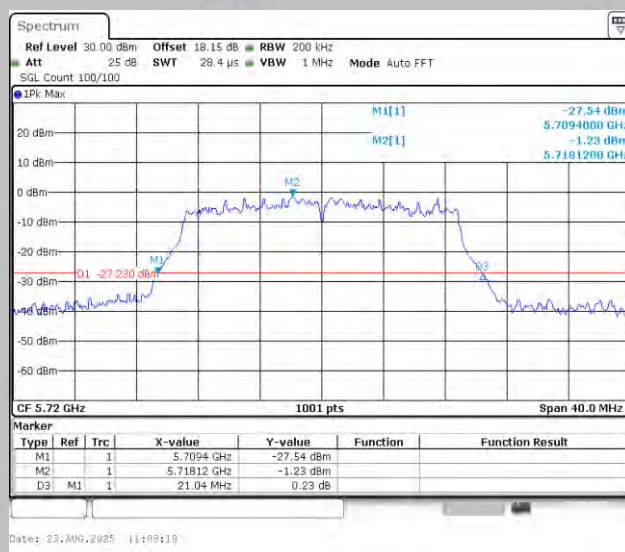
11N20MIMO-Ant1-5600



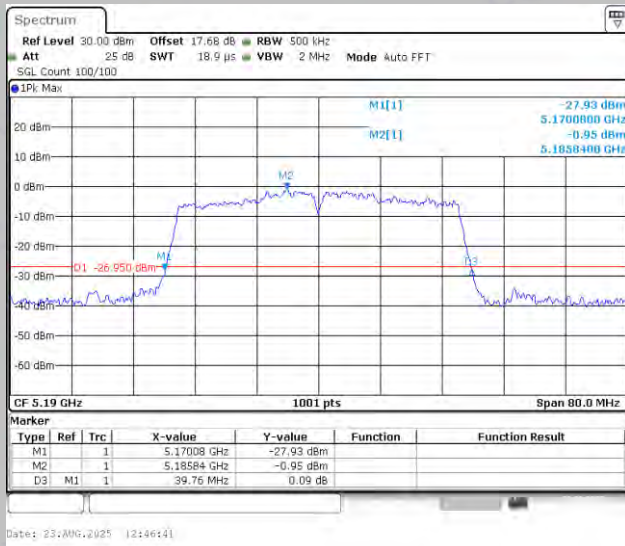
11N20MIMO-Ant2-5600



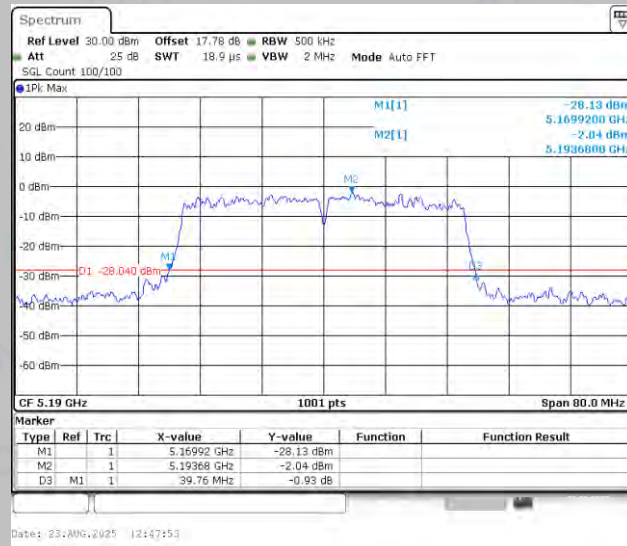
11N20MIMO-Ant1-5720



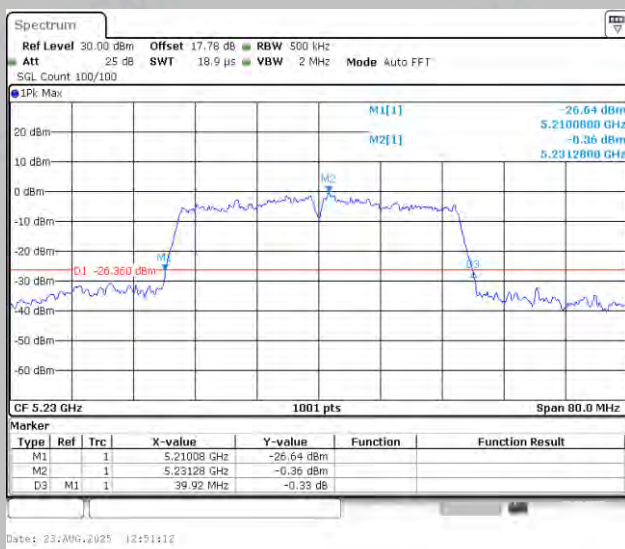
11N20MIMO-Ant2-5720



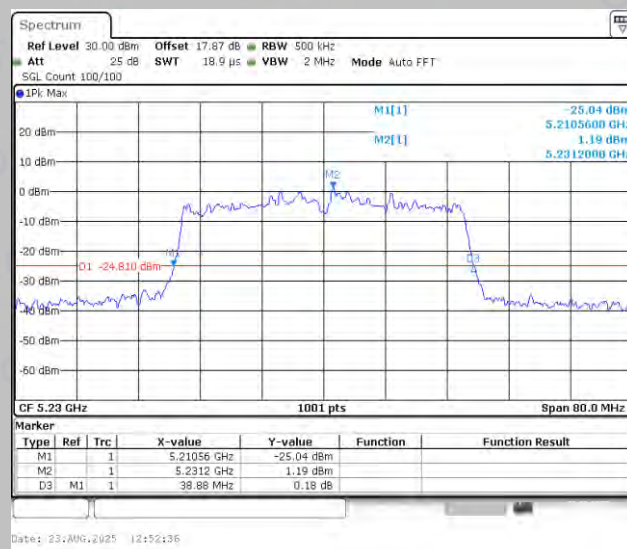
11N40MIMO-Ant1-5190



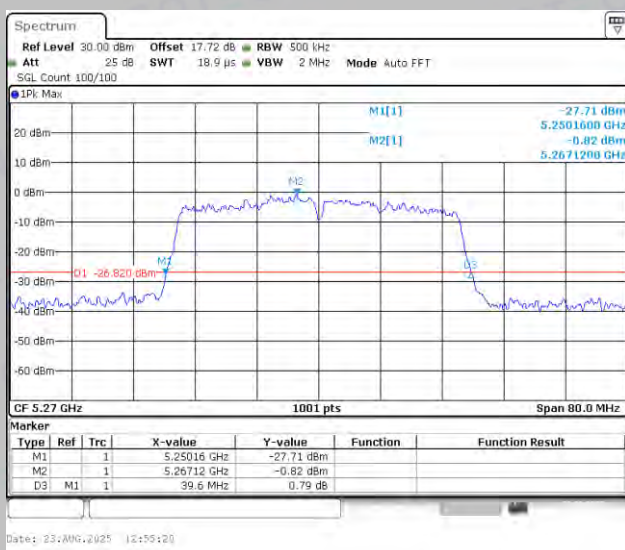
11N40MIMO-Ant2-5190



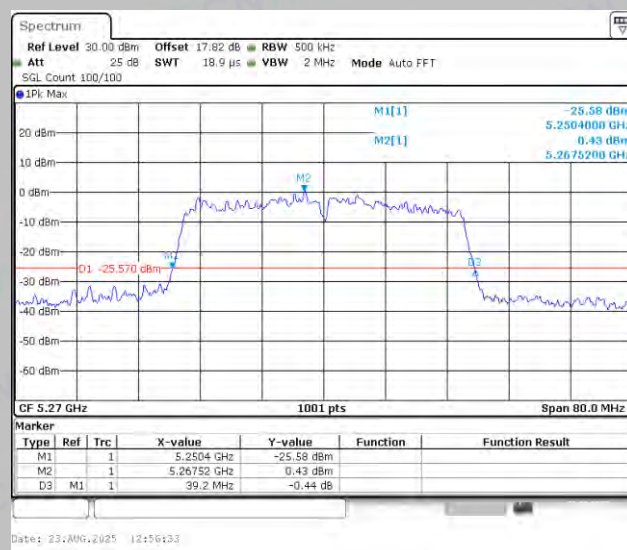
11N40MIMO-Ant1-5230



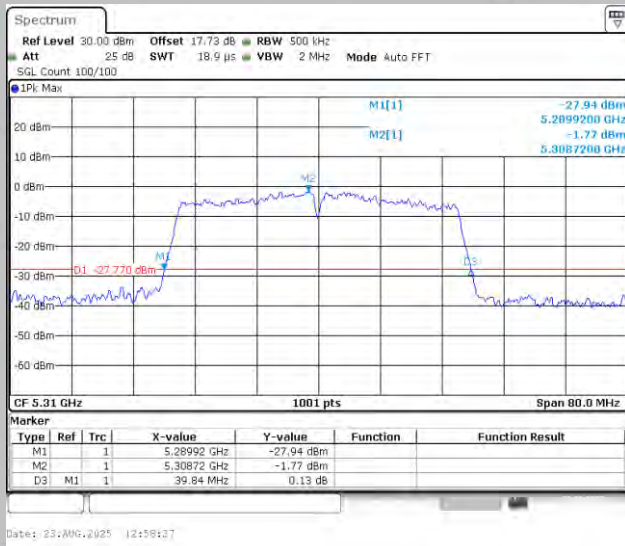
11N40MIMO-Ant2-5230



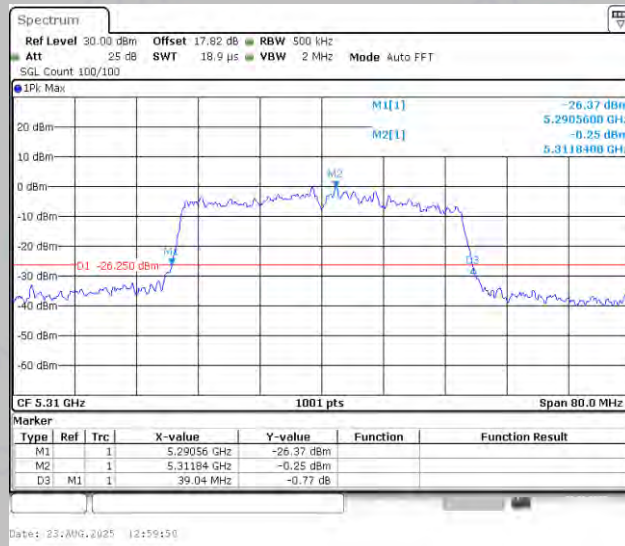
11N40MIMO-Ant1-5270



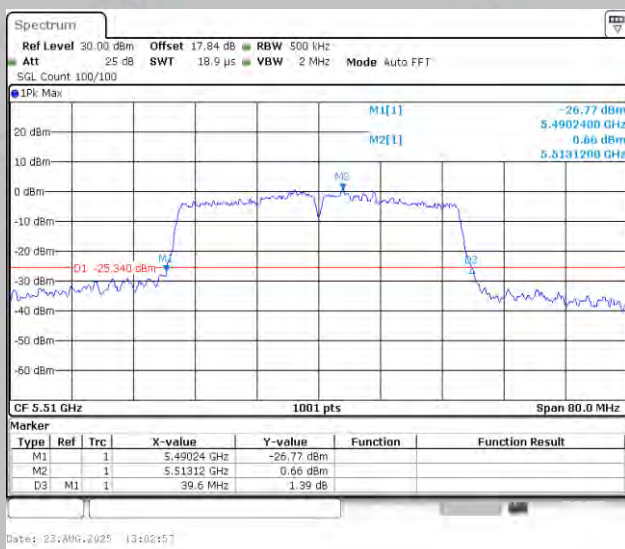
11N40MIMO-Ant2-5270



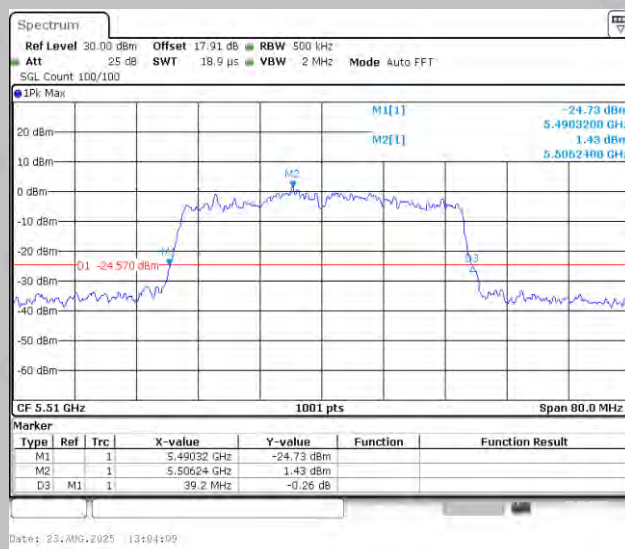
11N40MIMO-Ant1-5310



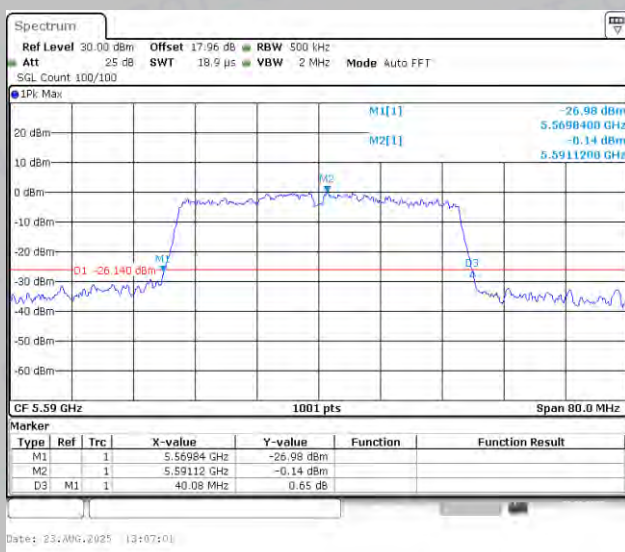
11N40MIMO-Ant2-5310



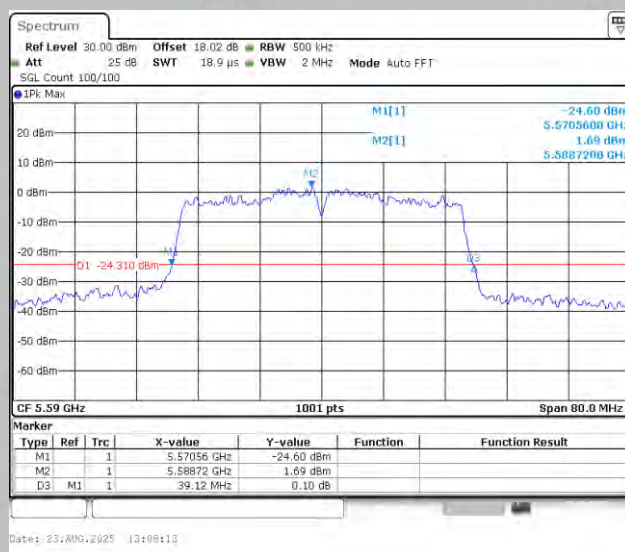
11N40MIMO-Ant1-5510



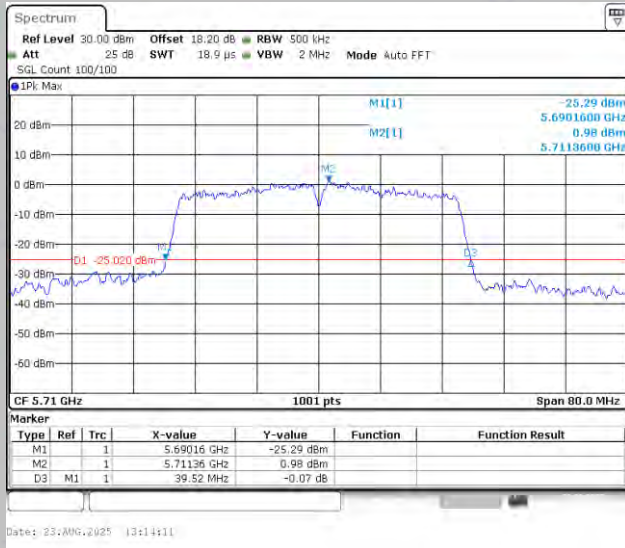
11N40MIMO-Ant2-5510



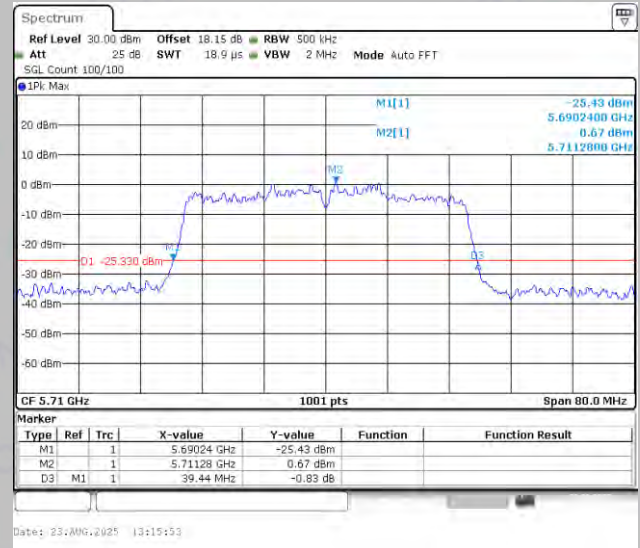
11N40MIMO-Ant1-5590



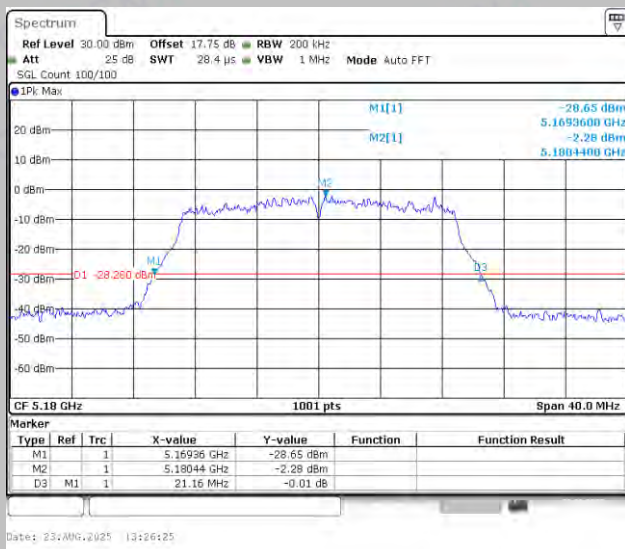
11N40MIMO-Ant2-5590



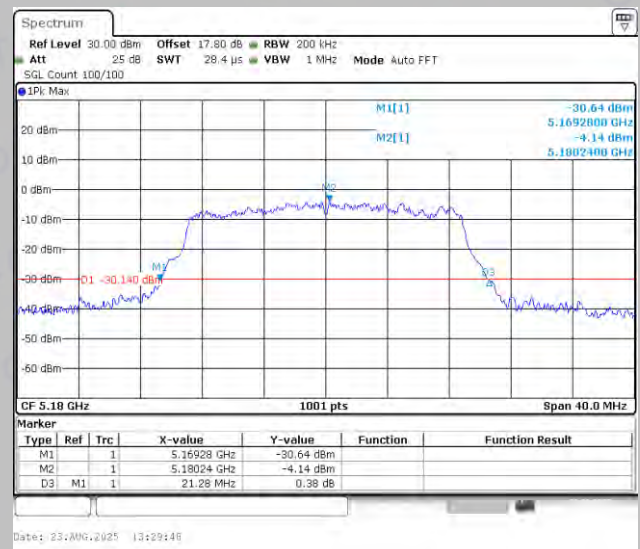
11N40MIMO-Ant1-5710



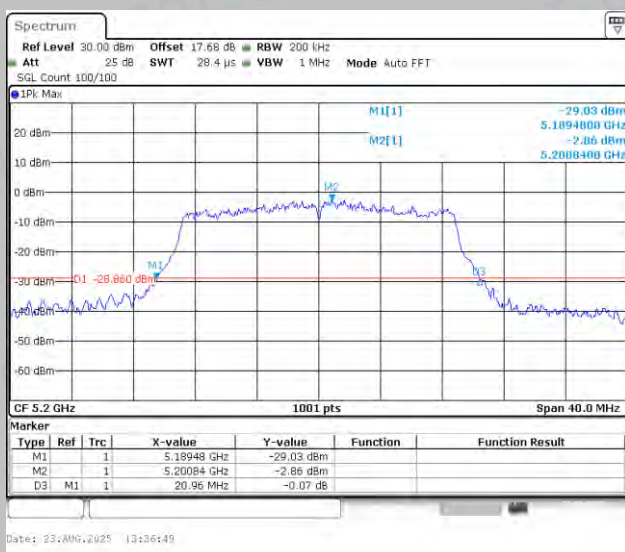
11N40MIMO-Ant2-5710



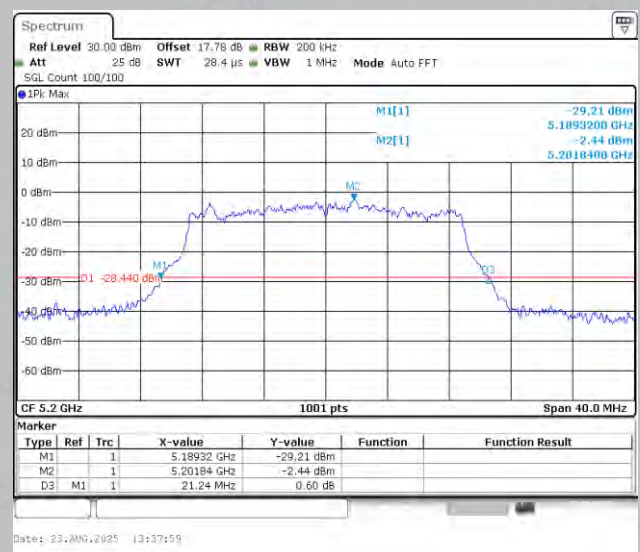
11AC20MIMO-Ant1-5180



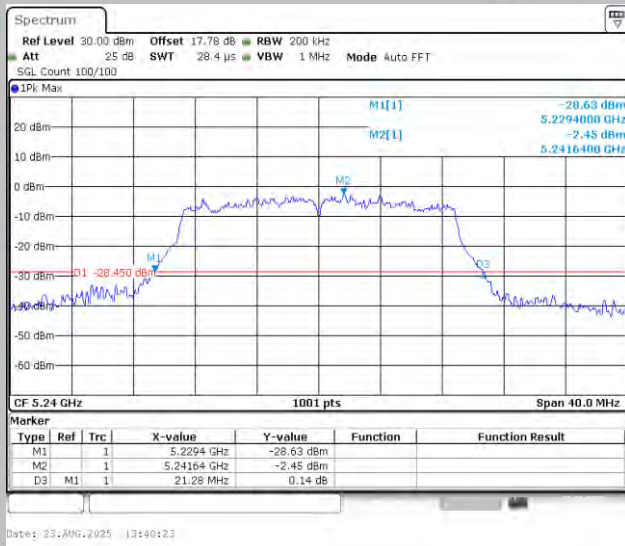
11AC20MIMO-Ant2-5180



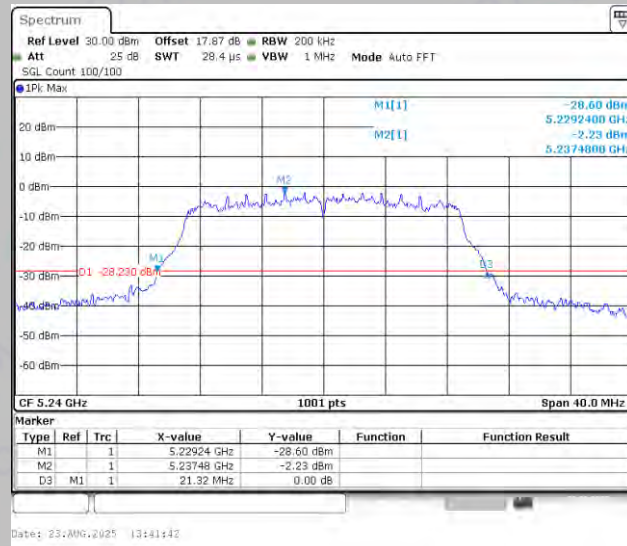
11AC20MIMO-Ant1-5200



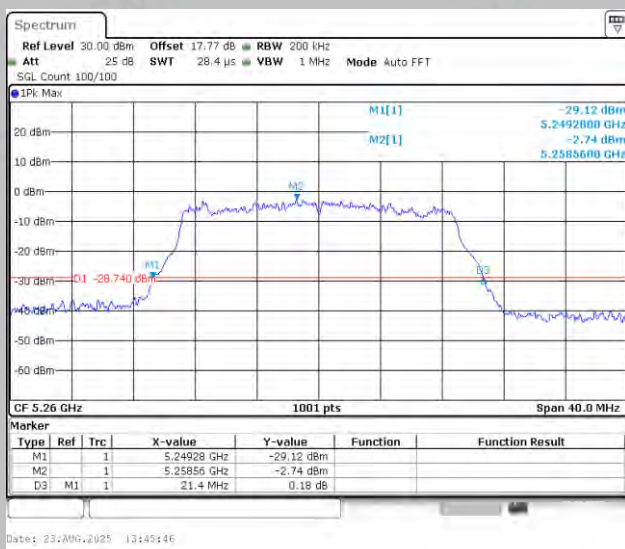
11AC20MIMO-Ant2-5200



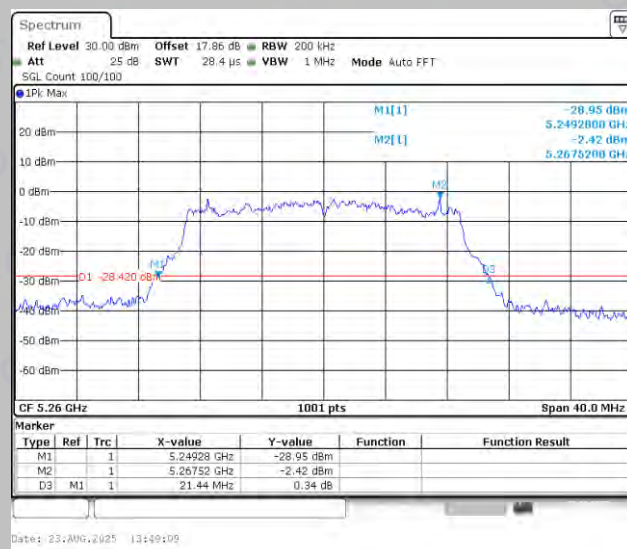
11AC20MIMO-Ant1-5240



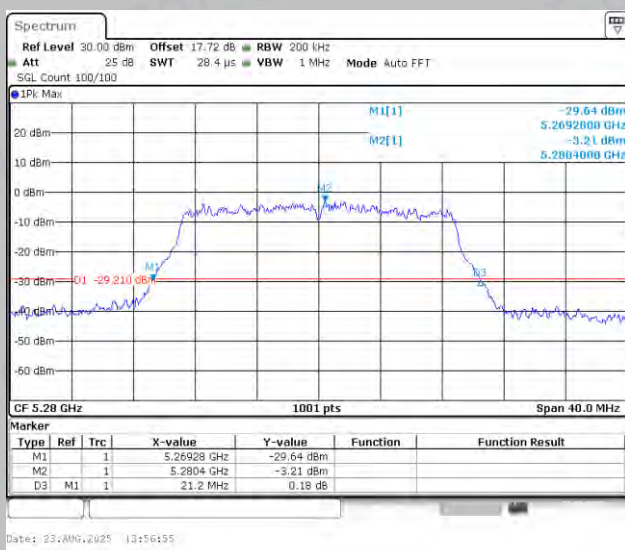
11AC20MIMO-Ant2-5240



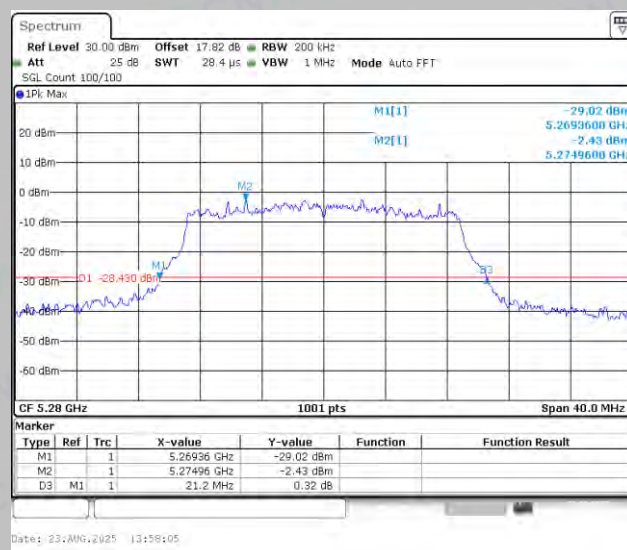
11AC20MIMO-Ant1-5260



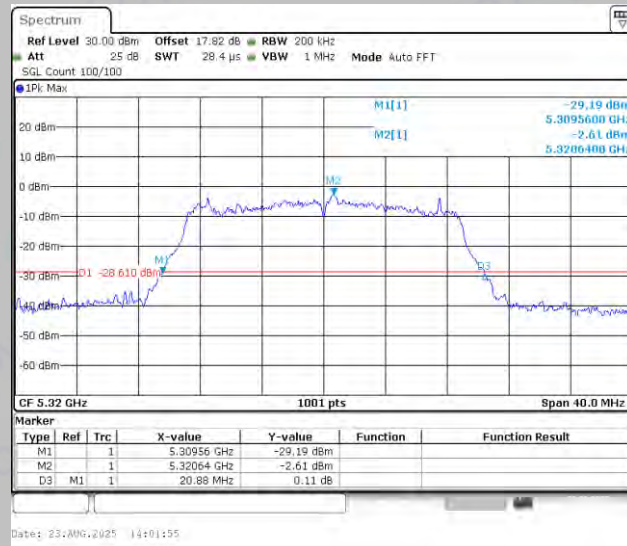
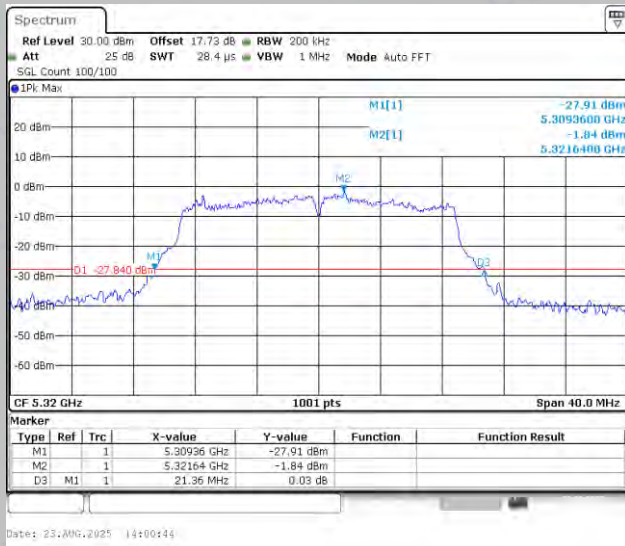
11AC20MIMO-Ant2-5260



11AC20MIMO-Ant1-5280

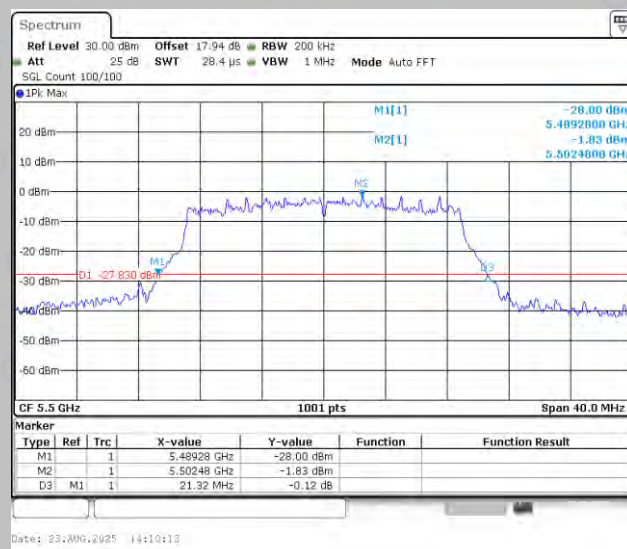
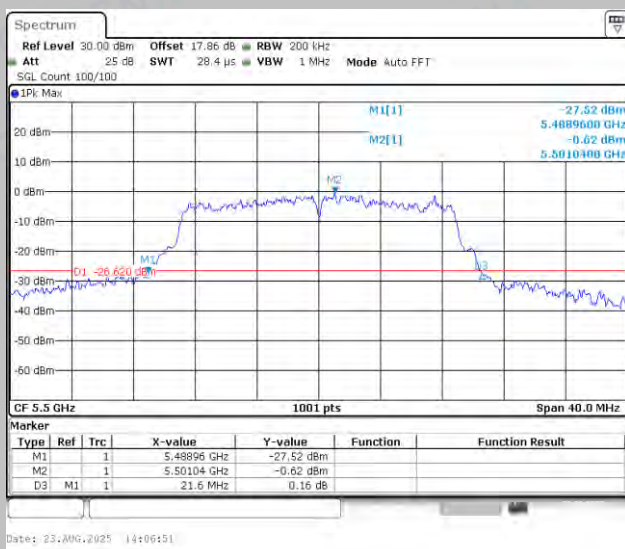


11AC20MIMO-Ant2-5280



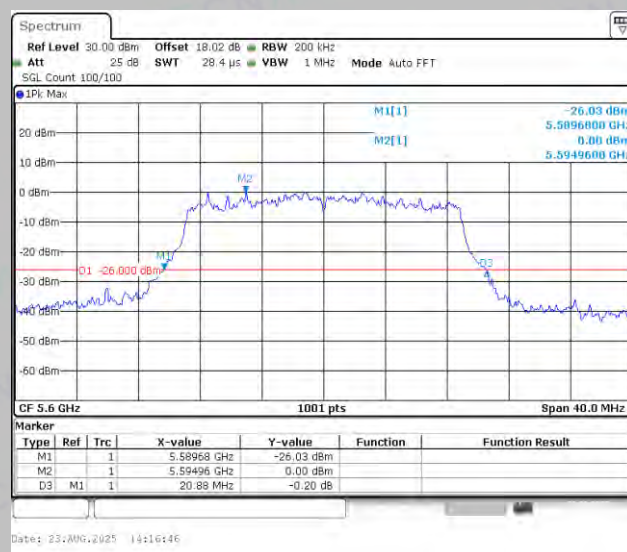
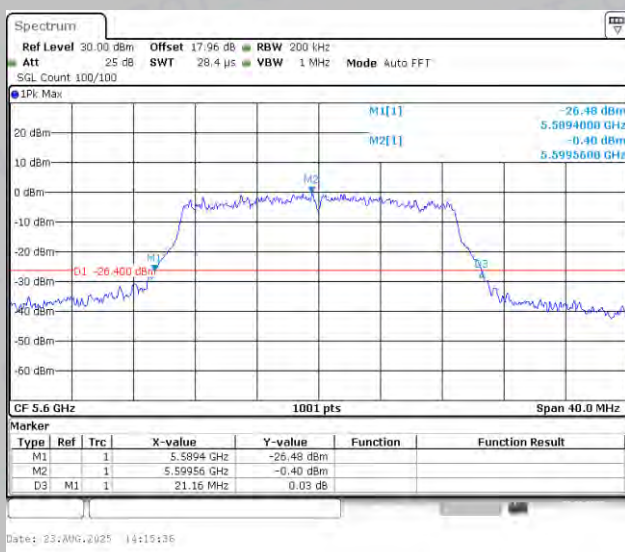
11AC20MIMO-Ant1-5320

11AC20MIMO-Ant2-5320



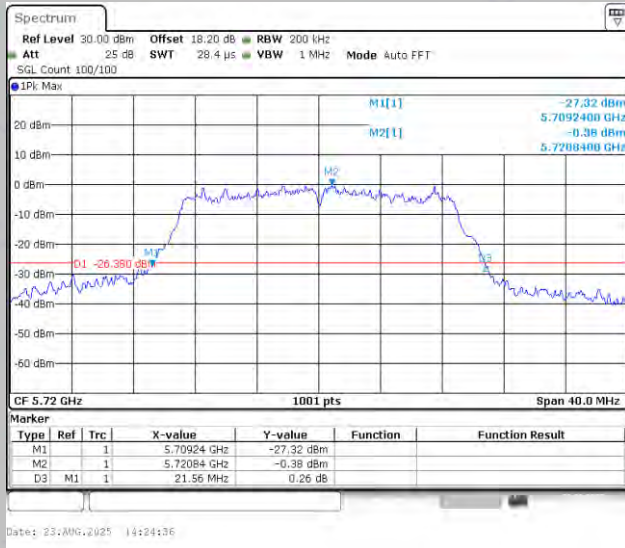
11AC20MIMO-Ant1-5500

11AC20MIMO-Ant2-5500

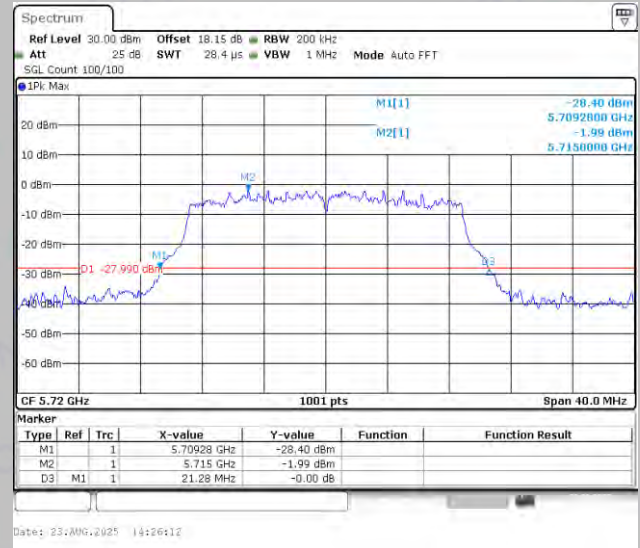


11AC20MIMO-Ant1-5600

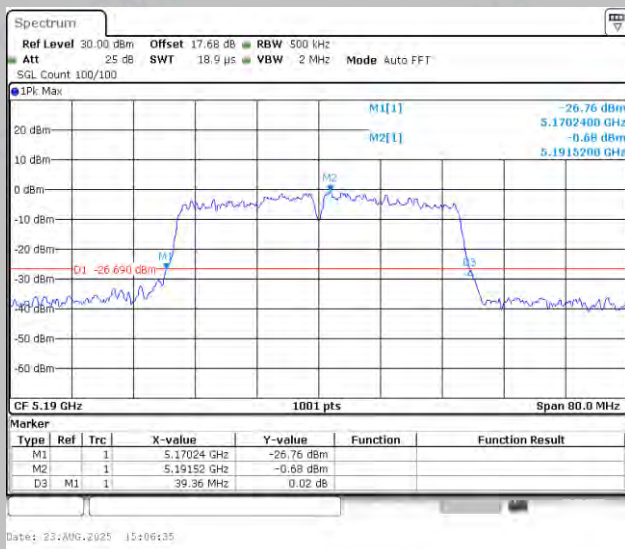
11AC20MIMO-Ant2-5600



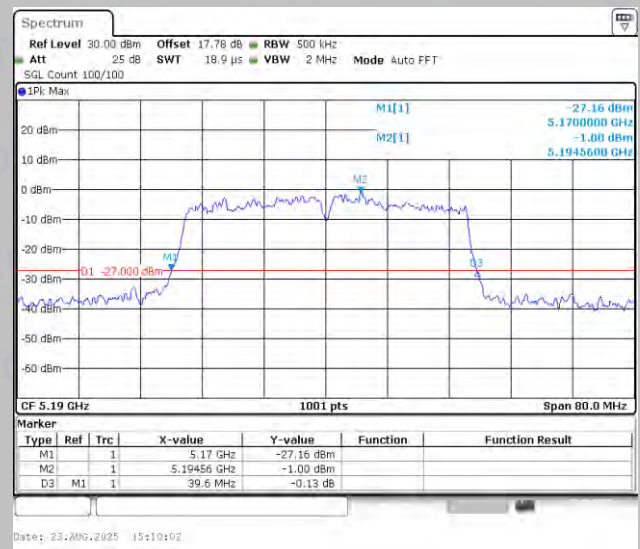
11AC20MIMO-Ant1-5720



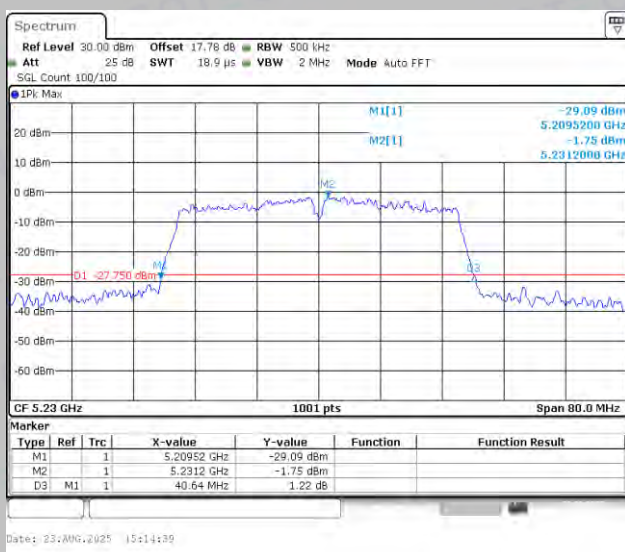
11AC20MIMO-Ant2-5720



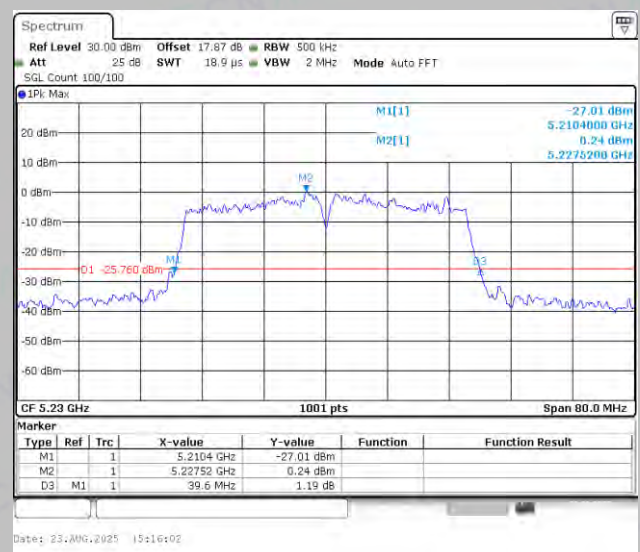
11AC40MIMO-Ant1-5190



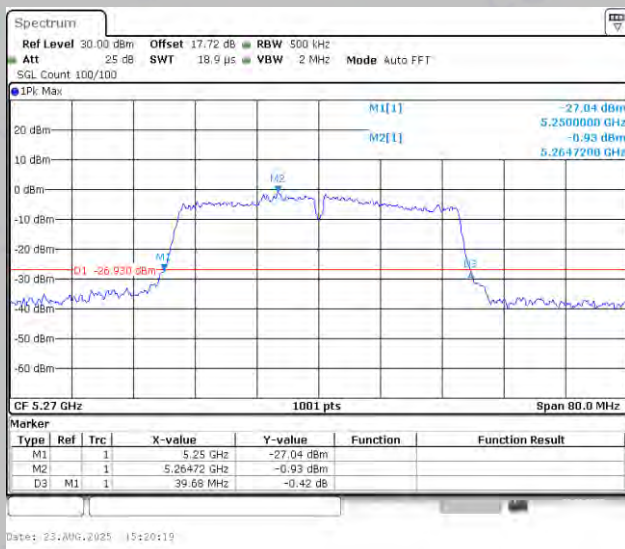
11AC40MIMO-Ant2-5190



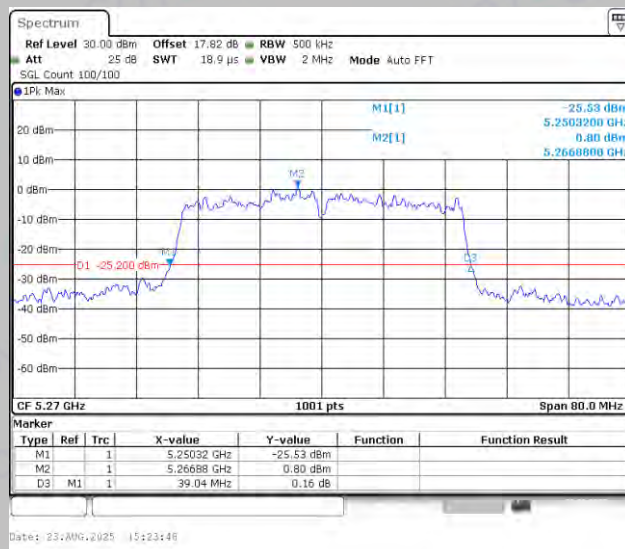
11AC40MIMO-Ant1-5230



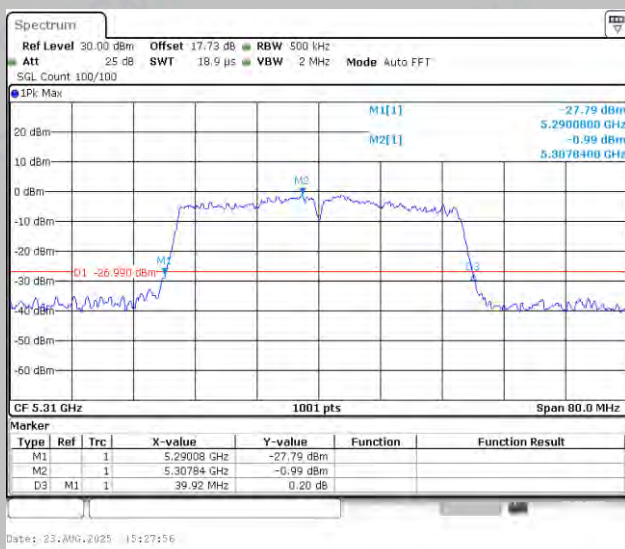
11AC40MIMO-Ant2-5230



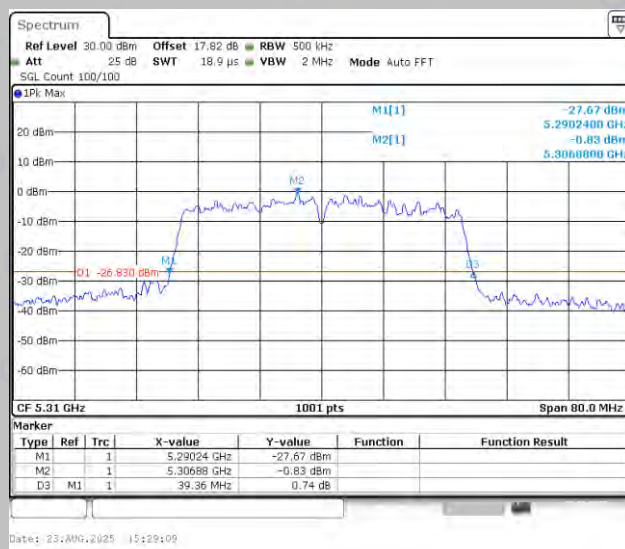
11AC40MIMO-Ant1-5270



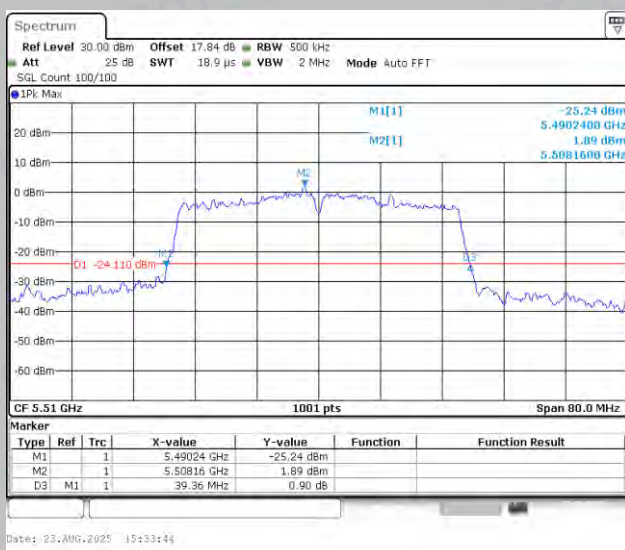
11AC40MIMO-Ant2-5270



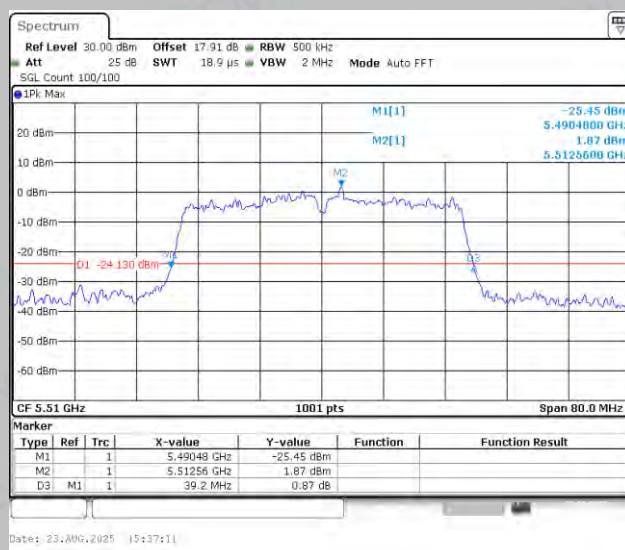
11AC40MIMO-Ant1-5310



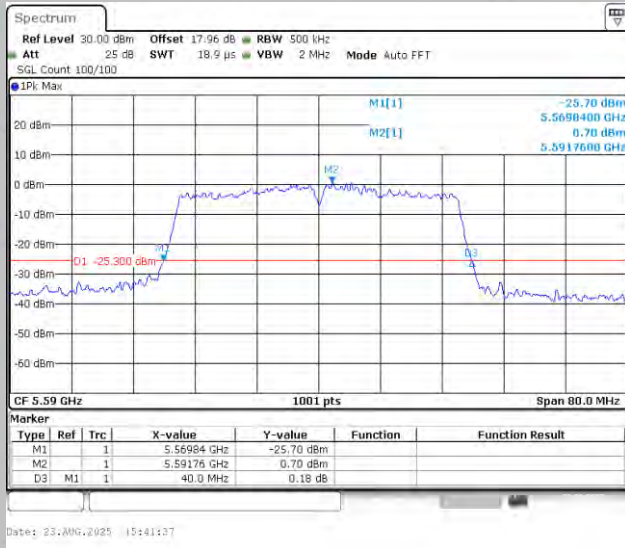
11AC40MIMO-Ant2-5310



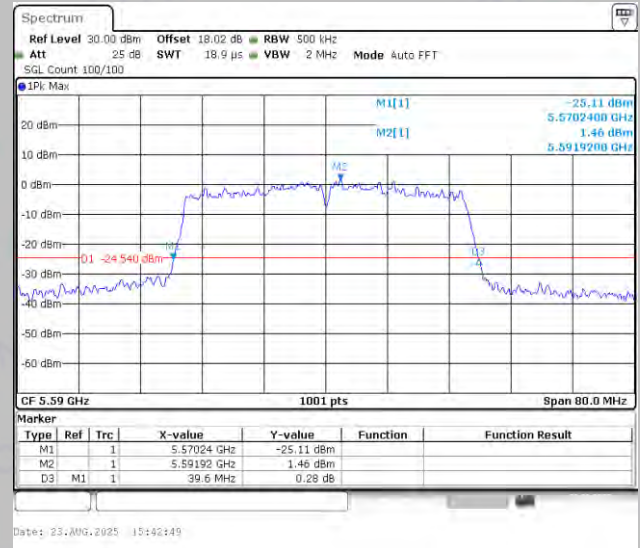
11AC40MIMO-Ant1-5510



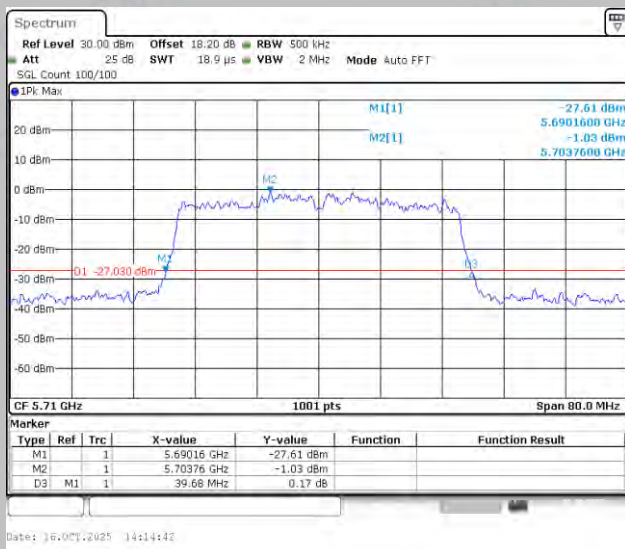
11AC40MIMO-Ant2-5510



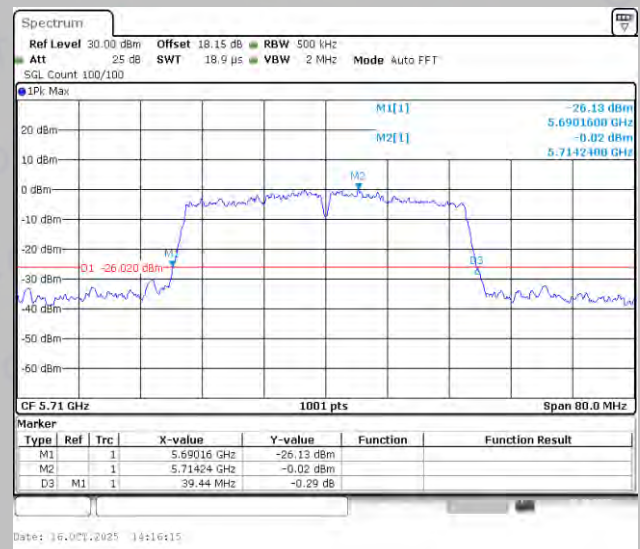
11AC40MIMO-Ant1-5590



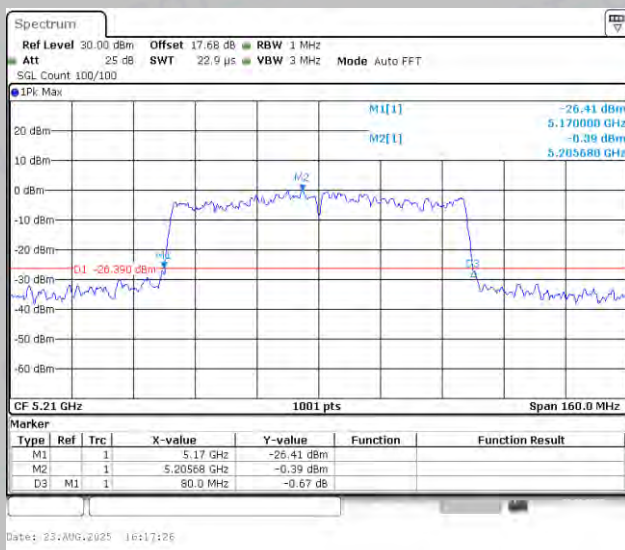
11AC40MIMO-Ant2-5590



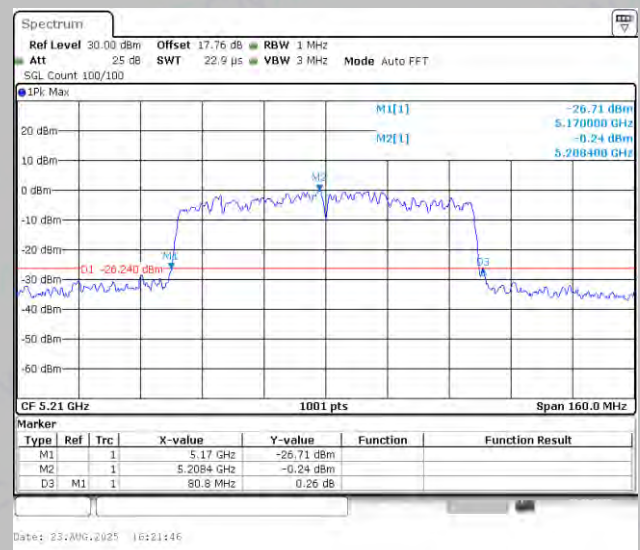
11AC40MIMO-Ant1-5710



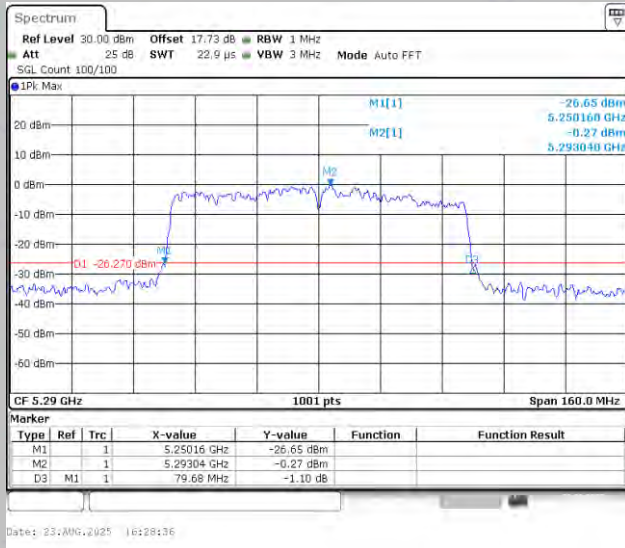
11AC40MIMO-Ant2-5710



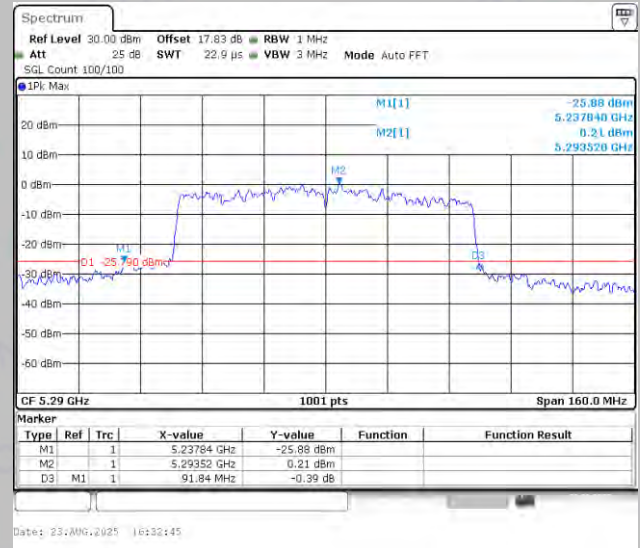
11AC80MIMO-Ant1-5210



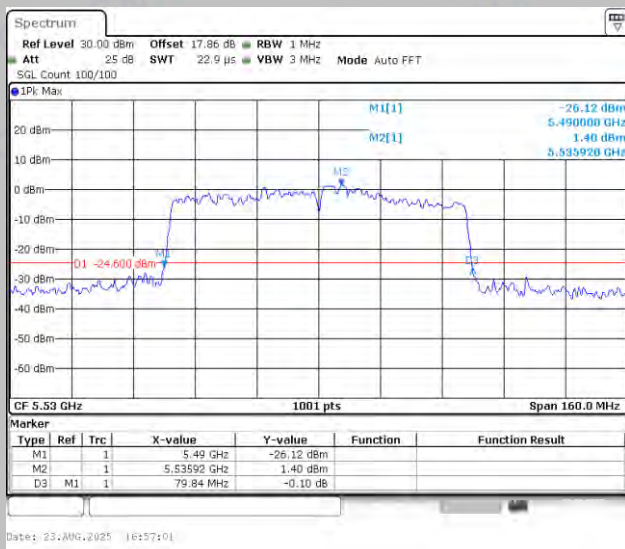
11AC80MIMO-Ant2-5210



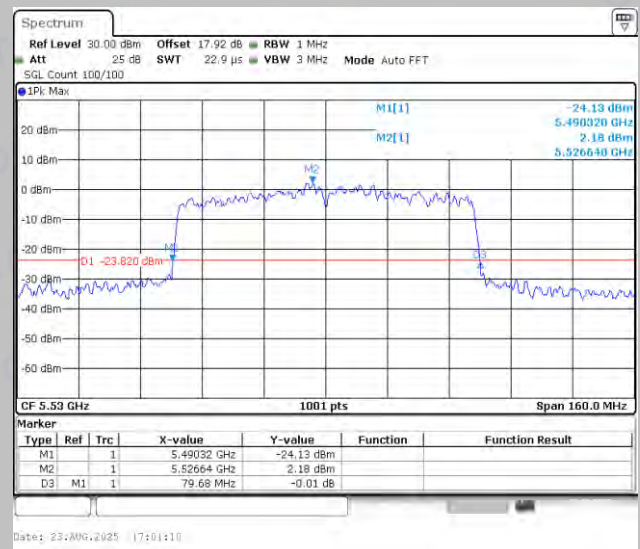
11AC80MIMO-Ant1-5290



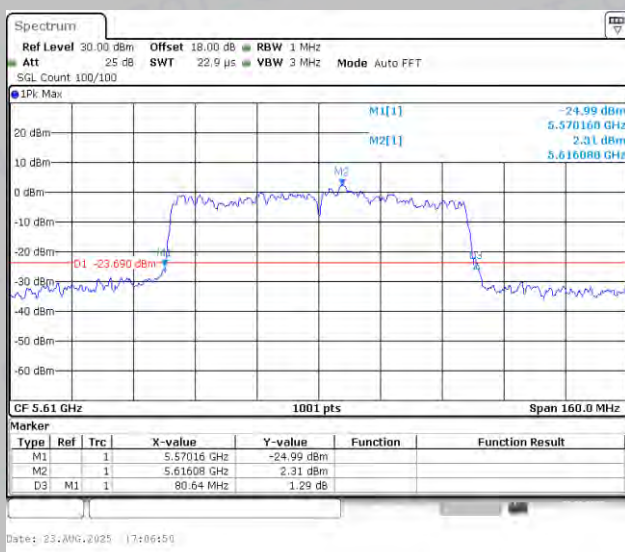
11AC80MIMO-Ant2-5290



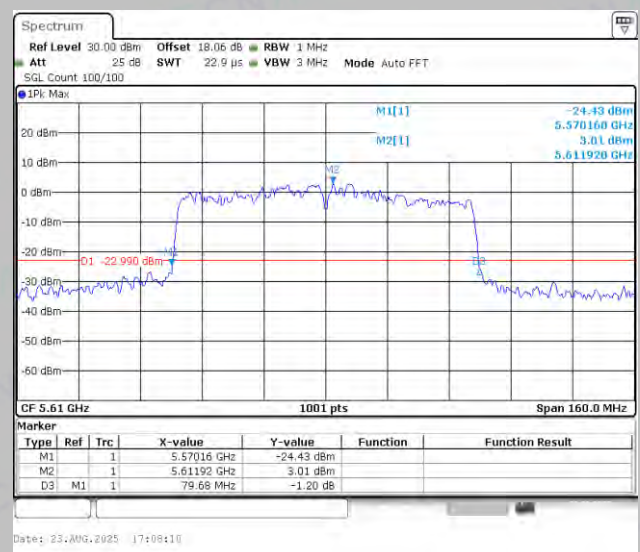
11AC80MIMO-Ant1-5530



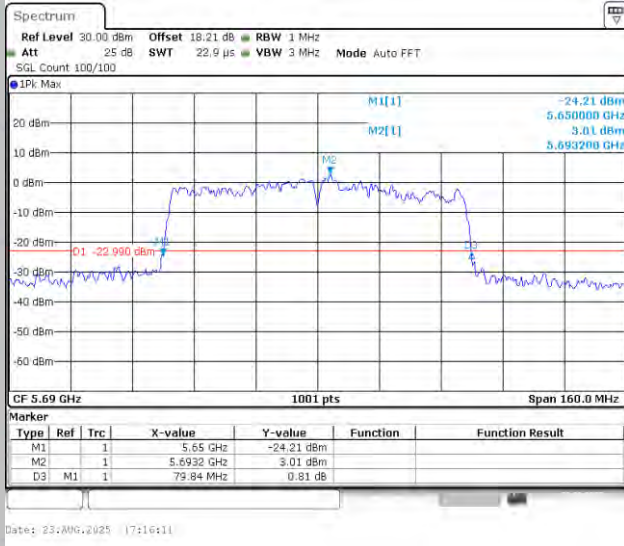
11AC80MIMO-Ant2-5530



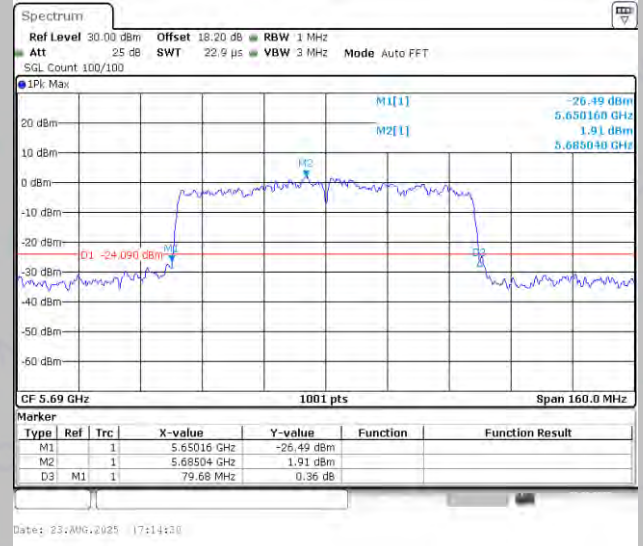
11AC80MIMO-Ant1-5610



11AC80MIMO-Ant2-5610



11AC80MIMO-Ant2-5690



11AC80MIMO-Ant1-5690

2: Occupied channel bandwidth

2.1 Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.542	5171.1289	5188.6713	---	---
11A	Ant2	5180	17.183	5171.5684	5188.7512	---	---
11A	Ant1	5200	17.383	5191.1688	5208.5514	---	---
11A	Ant2	5200	17.303	5191.4086	5208.7113	---	---
11A	Ant1	5240	17.542	5231.1289	5248.6713	---	---
11A	Ant2	5240	17.502	5231.1289	5248.6314	---	---
11A	Ant1	5260	17.063	5251.3287	5268.3916	---	---
11A	Ant2	5260	17.383	5251.2488	5268.6314	---	---
11A	Ant1	5280	17.143	5271.2488	5288.3916	---	---
11A	Ant2	5280	17.822	5270.9291	5288.7512	---	---
11A	Ant1	5320	17.063	5311.4885	5328.5514	---	---
11A	Ant2	5320	16.823	5311.4086	5328.2318	---	---
11A	Ant1	5500	17.223	5491.4086	5508.6314	---	---
11A	Ant2	5500	17.542	5491.2488	5508.7912	---	---
11A	Ant1	5600	17.063	5591.6084	5608.6713	---	---
11A	Ant2	5600	17.383	5591.2488	5608.6314	---	---
11A	Ant2	5720	17.023	5711.3686	5728.3916	---	---
11A	Ant1	5720	17.343	5711.2088	5728.5514	---	---
11A	Ant2	5720_UNII-2C	13.631	5711.3686	5725	---	---
11A	Ant1	5720_UNII-2C	13.791	5711.2088	5725	---	---
11A	Ant2	5720_UNII-3	3.392	5725	5728.3916	---	---
11A	Ant1	5720_UNII-3	3.551	5725	5728.5514	---	---
11A	Ant1	5745	17.782	5735.9291	5753.7113	---	---
11A	Ant2	5745	17.822	5736.3287	5754.1508	---	---
11A	Ant1	5785	17.782	5775.8492	5793.6314	---	---
11A	Ant2	5785	17.463	5776.2088	5793.6713	---	---
11A	Ant1	5825	18.022	5815.8092	5833.8312	---	---
11A	Ant2	5825	17.343	5816.5285	5833.8711	---	---
11N20MIMO	Ant1	5180	18.142	5170.8092	5188.9510	---	---
11N20MIMO	Ant2	5180	17.862	5171.0889	5188.9510	---	---
11N20MIMO	Ant1	5200	18.462	5190.6893	5209.1508	---	---
11N20MIMO	Ant2	5200	17.942	5191.0889	5209.0310	---	---
11N20MIMO	Ant1	5240	18.102	5230.7692	5248.8711	---	---
11N20MIMO	Ant2	5240	17.982	5231.0490	5249.0310	---	---
11N20MIMO	Ant1	5260	18.422	5250.6893	5269.1109	---	---
11N20MIMO	Ant2	5260	18.262	5250.8092	5269.0709	---	---
11N20MIMO	Ant1	5280	18.142	5270.7692	5288.9111	---	---
11N20MIMO	Ant2	5280	18.022	5270.8092	5288.8312	---	---
11N20MIMO	Ant1	5320	18.062	5310.9291	5328.9910	---	---
11N20MIMO	Ant2	5320	18.102	5310.8492	5328.9510	---	---
11N20MIMO	Ant1	5500	18.062	5490.8891	5508.9510	---	---
11N20MIMO	Ant2	5500	17.942	5491.0490	5508.9910	---	---
11N20MIMO	Ant1	5600	18.262	5590.9690	5609.2308	---	---

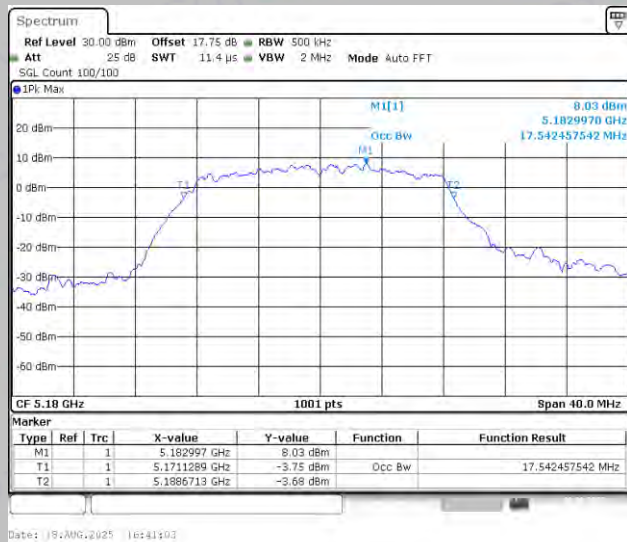
11N20MIMO	Ant2	5600	18.062	5590.9291	5608.9910	---	---
11N20MIMO	Ant1	5720	18.262	5710.8092	5729.0709	---	---
11N20MIMO	Ant2	5720	18.182	5710.8891	5729.0709	---	---
11N20MIMO	Ant1	5720_UNII-2C	14.191	5710.8092	5725	---	---
11N20MIMO	Ant2	5720_UNII-2C	14.111	5710.8891	5725	---	---
11N20MIMO	Ant1	5720_UNII-3	4.071	5725	5729.0709	---	---
11N20MIMO	Ant2	5720_UNII-3	4.071	5725	5729.0709	---	---
11N20MIMO	Ant1	5745	18.262	5736.0090	5754.2707	---	---
11N20MIMO	Ant2	5745	18.182	5735.9291	5754.1109	---	---
11N20MIMO	Ant1	5785	18.182	5775.9291	5794.1109	---	---
11N20MIMO	Ant2	5785	18.142	5776.0490	5794.1908	---	---
11N20MIMO	Ant1	5825	18.262	5815.8092	5834.0709	---	---
11N20MIMO	Ant2	5825	18.102	5816.0889	5834.1908	---	---
11N40MIMO	Ant1	5190	36.124	5172.0180	5208.1419	---	---
11N40MIMO	Ant2	5190	36.284	5171.9381	5208.2218	---	---
11N40MIMO	Ant1	5230	36.124	5211.9381	5248.0619	---	---
11N40MIMO	Ant2	5230	36.124	5211.9381	5248.0619	---	---
11N40MIMO	Ant1	5270	36.044	5251.9381	5287.9820	---	---
11N40MIMO	Ant2	5270	36.124	5251.7782	5287.9021	---	---
11N40MIMO	Ant1	5310	36.124	5291.8581	5327.9820	---	---
11N40MIMO	Ant2	5310	36.523	5291.5385	5328.0619	---	---
11N40MIMO	Ant1	5510	36.124	5491.9381	5528.0619	---	---
11N40MIMO	Ant2	5510	36.124	5492.0180	5528.1419	---	---
11N40MIMO	Ant1	5590	36.124	5571.8581	5607.9820	---	---
11N40MIMO	Ant2	5590	36.204	5571.8581	5608.0619	---	---
11N40MIMO	Ant1	5710	36.204	5691.9381	5728.1419	---	---
11N40MIMO	Ant2	5710	36.523	5691.6983	5728.2218	---	---
11N40MIMO	Ant1	5710_UNII-2C	33.062	5691.9381	5725	---	---
11N40MIMO	Ant2	5710_UNII-2C	33.302	5691.6983	5725	---	---
11N40MIMO	Ant1	5710_UNII-3	3.142	5725	5728.1419	---	---
11N40MIMO	Ant2	5710_UNII-3	3.222	5725	5728.2218	---	---
11N40MIMO	Ant1	5755	36.204	5736.7782	5772.9820	---	---
11N40MIMO	Ant2	5755	36.444	5736.8581	5773.3017	---	---
11N40MIMO	Ant1	5795	36.364	5776.8581	5813.2218	---	---
11N40MIMO	Ant2	5795	36.364	5776.8581	5813.2218	---	---
11AC20MIMO	Ant1	5180	18.102	5171.0490	5189.1508	---	---
11AC20MIMO	Ant2	5180	17.902	5171.0490	5188.9510	---	---
11AC20MIMO	Ant1	5200	18.262	5190.7692	5209.0310	---	---
11AC20MIMO	Ant2	5200	17.942	5191.0090	5208.9510	---	---
11AC20MIMO	Ant1	5240	18.462	5230.7692	5249.2308	---	---
11AC20MIMO	Ant2	5240	18.022	5230.9690	5248.9910	---	---
11AC20MIMO	Ant1	5260	18.102	5250.8891	5268.9910	---	---
11AC20MIMO	Ant2	5260	18.262	5250.8092	5269.0709	---	---
11AC20MIMO	Ant1	5280	18.262	5270.6893	5288.9510	---	---
11AC20MIMO	Ant2	5280	17.862	5271.0889	5288.9510	---	---
11AC20MIMO	Ant1	5320	18.302	5310.9690	5329.2707	---	---
11AC20MIMO	Ant2	5320	17.902	5311.0490	5328.9510	---	---

11AC20MIMO	Ant1	5500	18.302	5490.8092	5509.1109	---	---
11AC20MIMO	Ant2	5500	18.142	5491.1289	5509.2707	---	---
11AC20MIMO	Ant1	5600	18.302	5590.6893	5608.9910	---	---
11AC20MIMO	Ant2	5600	18.062	5591.0090	5609.0709	---	---
11AC20MIMO	Ant1	5720	18.541	5710.7692	5729.3107	---	---
11AC20MIMO	Ant2	5720	17.862	5711.0889	5728.9510	---	---
11AC20MIMO	Ant1	5720_UNII-2C	14.231	5710.7692	5725	---	---
11AC20MIMO	Ant2	5720_UNII-2C	13.911	5711.0889	5725	---	---
11AC20MIMO	Ant1	5720_UNII-3	4.311	5725	5729.3107	---	---
11AC20MIMO	Ant2	5720_UNII-3	3.951	5725	5728.9510	---	---
11AC20MIMO	Ant1	5745	18.382	5735.6494	5754.0310	---	---
11AC20MIMO	Ant2	5745	18.062	5735.9291	5753.9910	---	---
11AC20MIMO	Ant1	5785	18.422	5775.8492	5794.2707	---	---
11AC20MIMO	Ant2	5785	17.982	5776.0490	5794.0310	---	---
11AC20MIMO	Ant1	5825	17.982	5815.9690	5833.9510	---	---
11AC20MIMO	Ant2	5825	18.102	5815.9690	5834.0709	---	---
11AC40MIMO	Ant1	5190	36.284	5171.8581	5208.1419	---	---
11AC40MIMO	Ant2	5190	36.124	5171.9381	5208.0619	---	---
11AC40MIMO	Ant1	5230	36.284	5211.7782	5248.0619	---	---
11AC40MIMO	Ant2	5230	36.523	5211.6983	5248.2218	---	---
11AC40MIMO	Ant1	5270	36.204	5251.7782	5287.9820	---	---
11AC40MIMO	Ant2	5270	36.204	5251.7782	5287.9820	---	---
11AC40MIMO	Ant1	5310	36.204	5291.9381	5328.1419	---	---
11AC40MIMO	Ant2	5310	36.284	5291.8581	5328.1419	---	---
11AC40MIMO	Ant1	5510	36.284	5491.7782	5528.0619	---	---
11AC40MIMO	Ant2	5510	36.364	5491.9381	5528.3017	---	---
11AC40MIMO	Ant1	5590	36.523	5571.7782	5608.3017	---	---
11AC40MIMO	Ant2	5590	36.124	5571.8581	5607.9820	---	---
11AC40MIMO	Ant1	5710	36.284	5691.7782	5728.0619	---	---
11AC40MIMO	Ant2	5710	36.364	5691.7782	5728.1419	---	---
11AC40MIMO	Ant1	5710_UNII-2C	33.222	5691.7782	5725	---	---
11AC40MIMO	Ant2	5710_UNII-2C	33.222	5691.7782	5725	---	---
11AC40MIMO	Ant1	5710_UNII-3	3.062	5725	5728.0619	---	---
11AC40MIMO	Ant2	5710_UNII-3	3.142	5725	5728.1419	---	---
11AC40MIMO	Ant1	5755	36.603	5736.4585	5773.0619	---	---
11AC40MIMO	Ant2	5755	36.523	5736.6983	5773.2218	---	---
11AC40MIMO	Ant1	5795	36.284	5776.7782	5813.0619	---	---
11AC40MIMO	Ant2	5795	36.284	5776.8581	5813.1419	---	---
11AC80MIMO	Ant1	5210	76.084	5172.2777	5248.3616	---	---
11AC80MIMO	Ant2	5210	75.924	5172.1179	5248.0420	---	---
11AC80MIMO	Ant1	5290	75.924	5251.9580	5327.8821	---	---
11AC80MIMO	Ant2	5290	76.084	5251.6384	5327.7223	---	---
11AC80MIMO	Ant1	5530	75.924	5491.9580	5567.8821	---	---
11AC80MIMO	Ant2	5530	75.764	5492.2777	5568.0420	---	---
11AC80MIMO	Ant1	5610	75.764	5572.1179	5647.8821	---	---
11AC80MIMO	Ant2	5610	76.084	5571.7982	5647.8821	---	---
11AC80MIMO	Ant1	5690	75.924	5652.1179	5728.0420	---	---

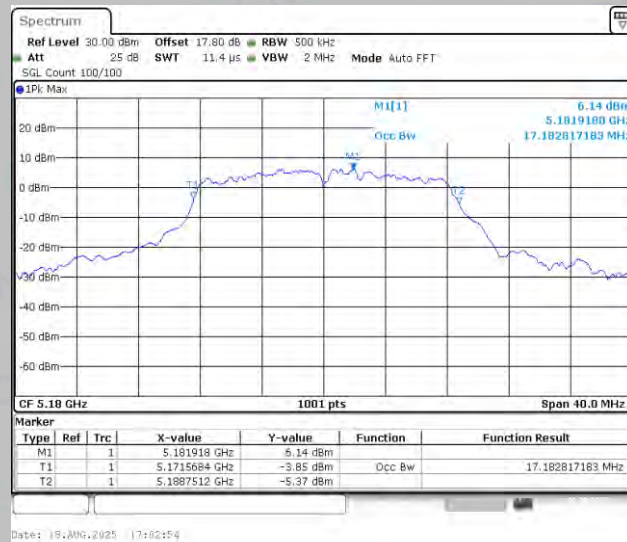
11AC80MIMO	Ant2	5690	75.924	5651.7982	5727.7223	---	---
11AC80MIMO	Ant1	5690_UNII-2C	72.882	5652.1179	5725	---	---
11AC80MIMO	Ant2	5690_UNII-2C	73.202	5651.7982	5725	---	---
11AC80MIMO	Ant1	5690_UNII-3	3.042	5725	5728.0420	---	---
11AC80MIMO	Ant2	5690_UNII-3	2.722	5725	5727.7223	---	---
11AC80MIMO	Ant1	5775	76.084	5736.6384	5812.7223	---	---
11AC80MIMO	Ant2	5775	75.764	5737.1179	5812.8821	---	---

Note: RF Conducted test Offset= cable loss+ Attenuator(10dB).

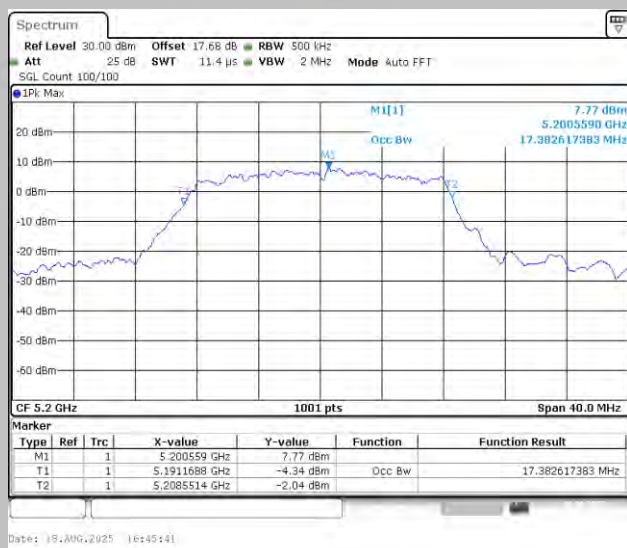
2.2 Test Graphs



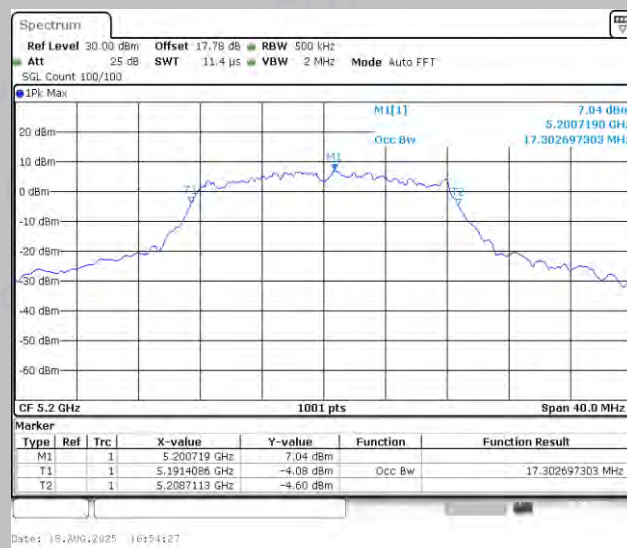
11A-Ant1-5180



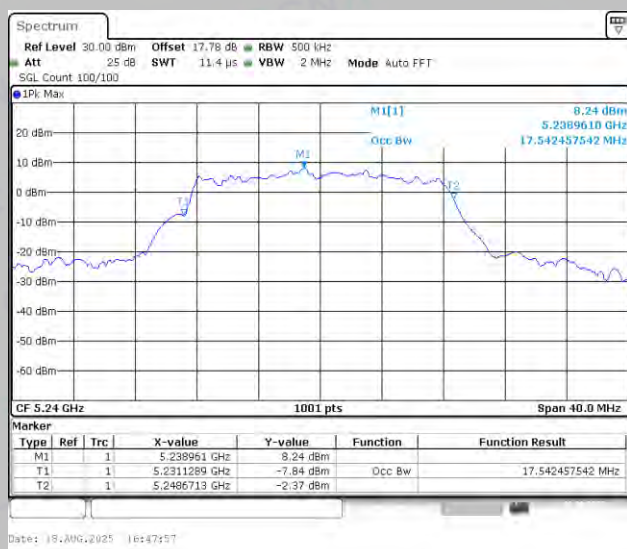
11A-Ant2-5180



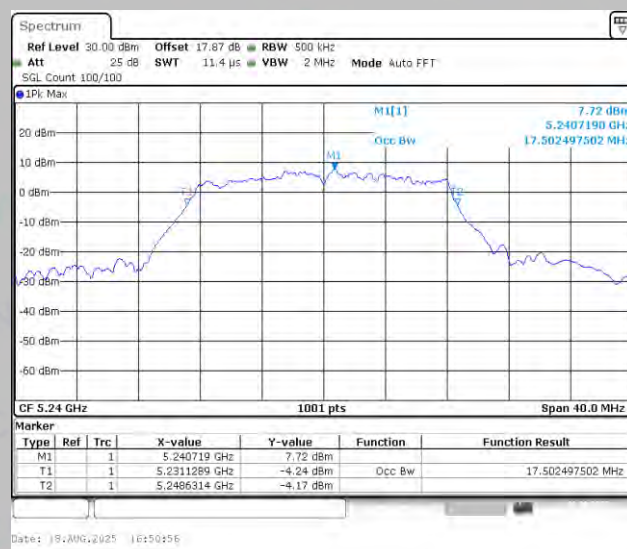
11A-Ant1-5200



11A-Ant2-5200



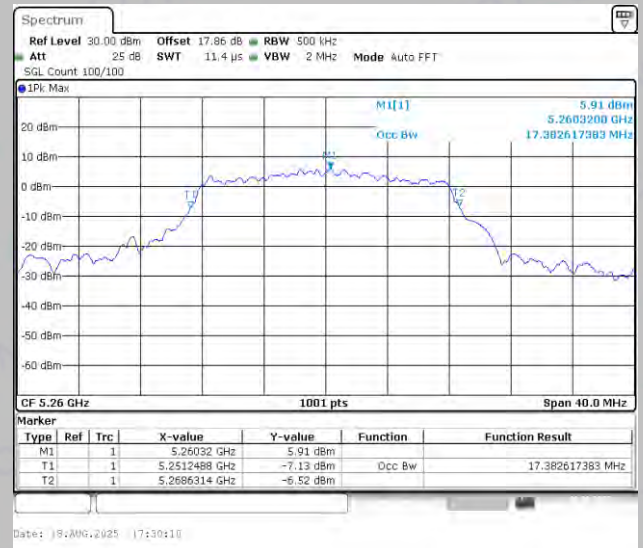
11A-Ant1-5240



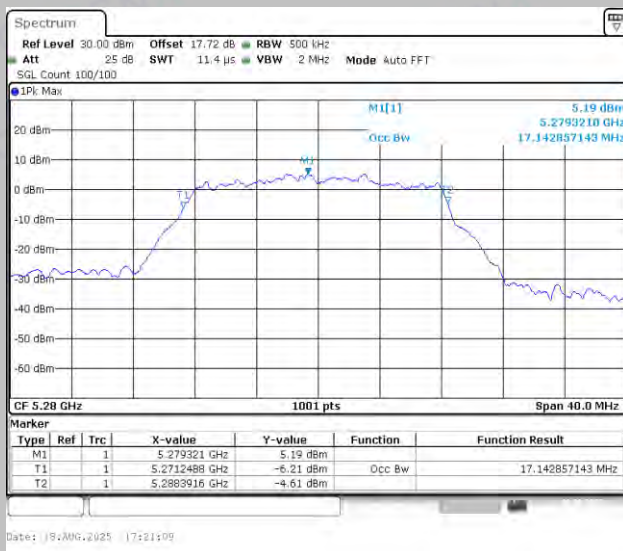
11A-Ant2-5240



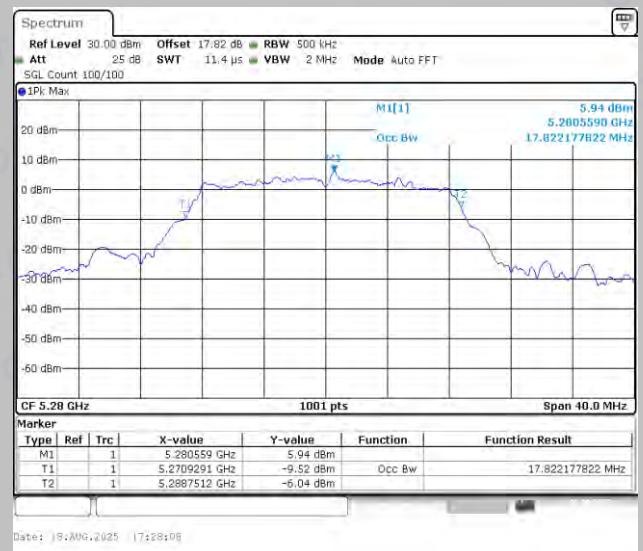
11A-Ant1-5260



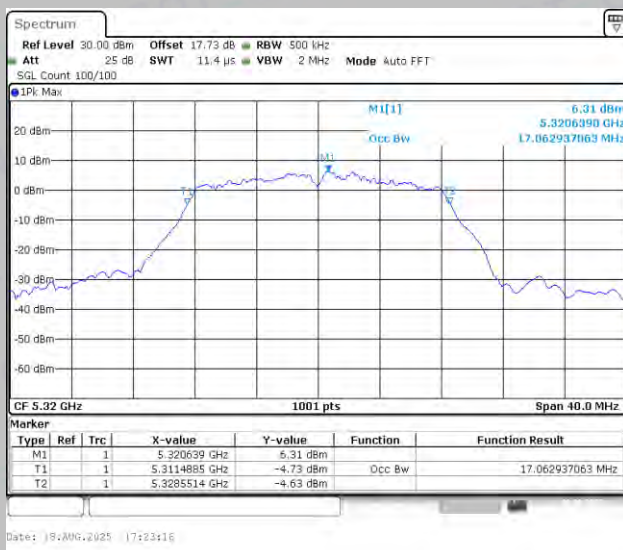
11A-Ant2-5260



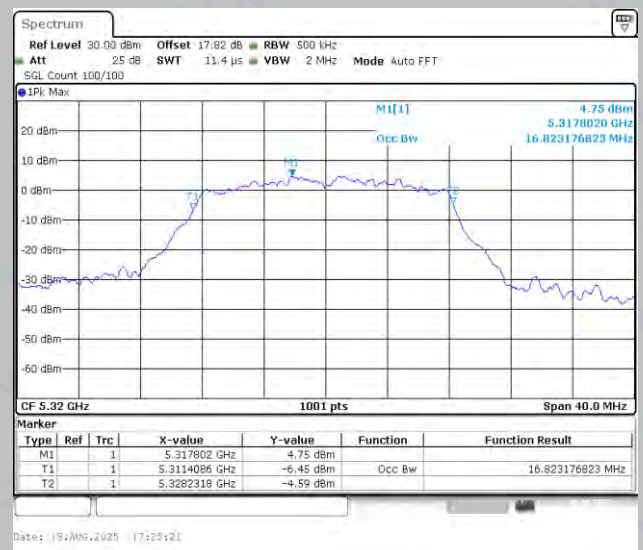
11A-Ant1-5280



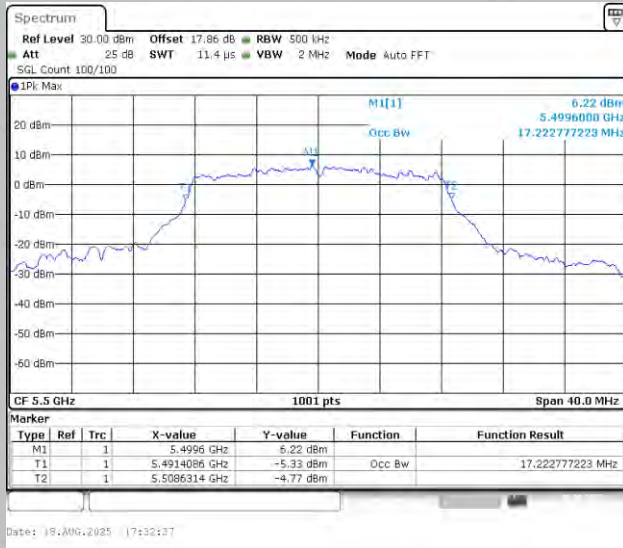
11A-Ant2-5280



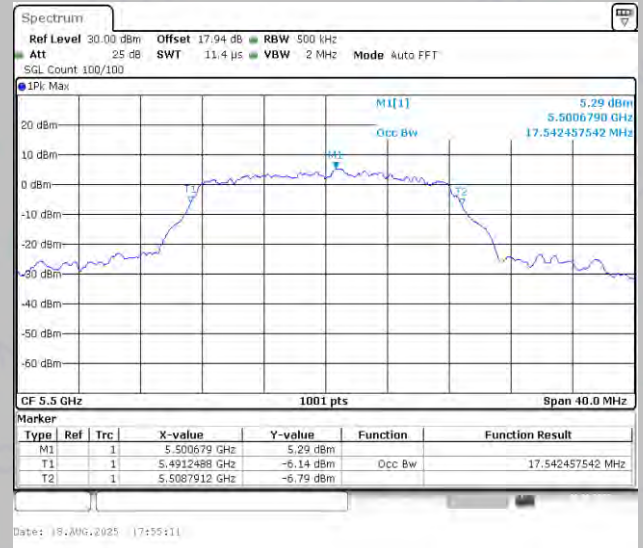
11A-Ant1-5320



11A-Ant2-5320



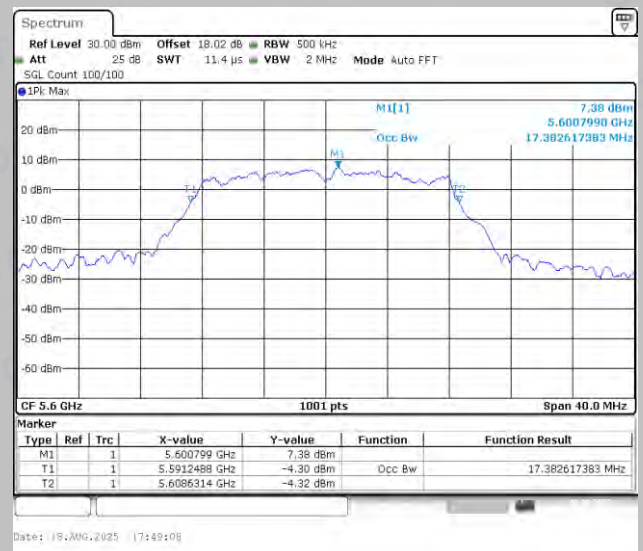
11A-Ant1-5500



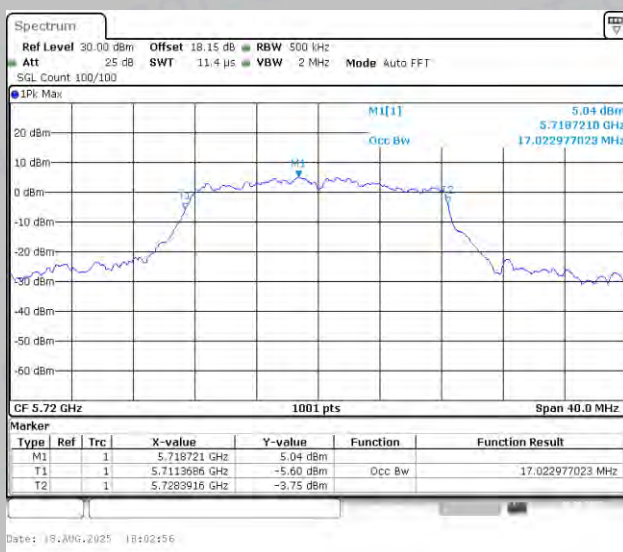
11A-Ant2-5500



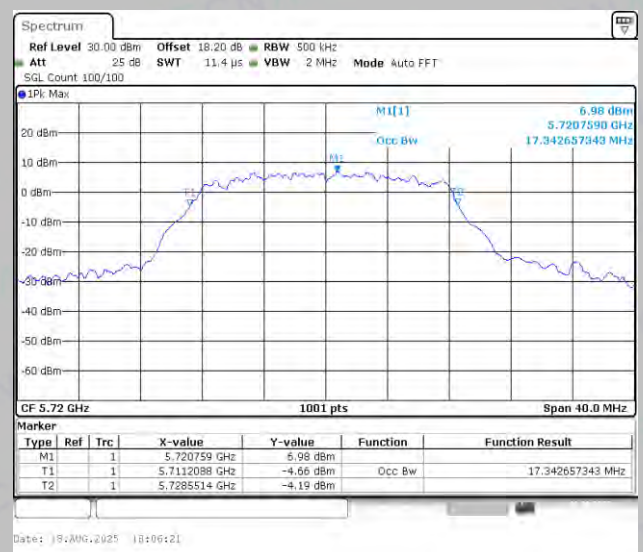
11A-Ant1-5600



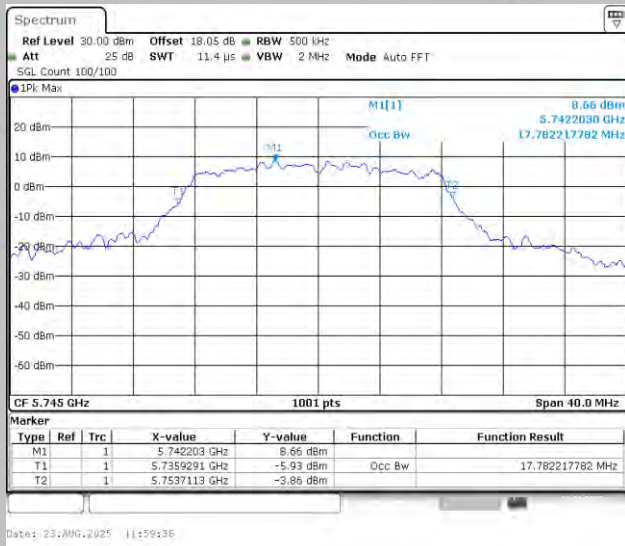
11A-Ant2-5600



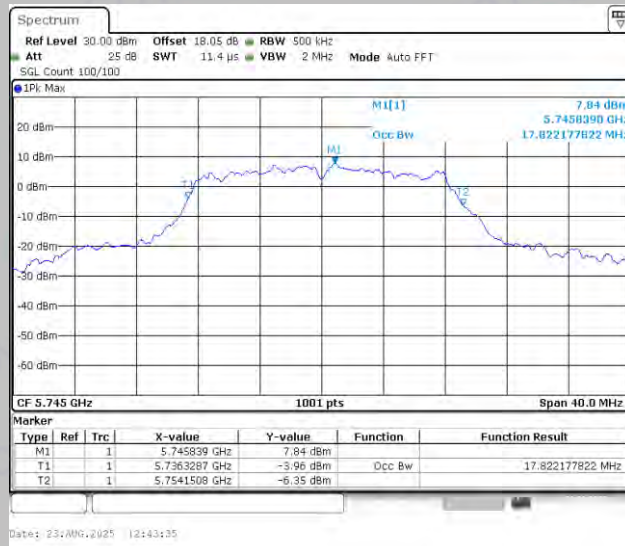
11A-Ant2-5720



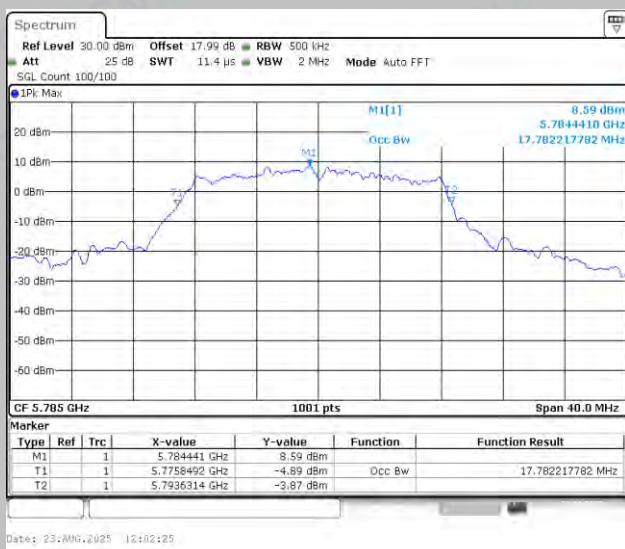
11A-Ant1-5720



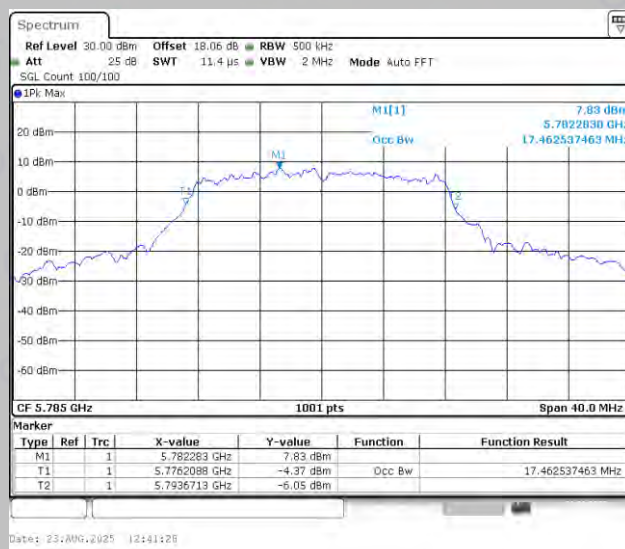
11A-Ant1-5745



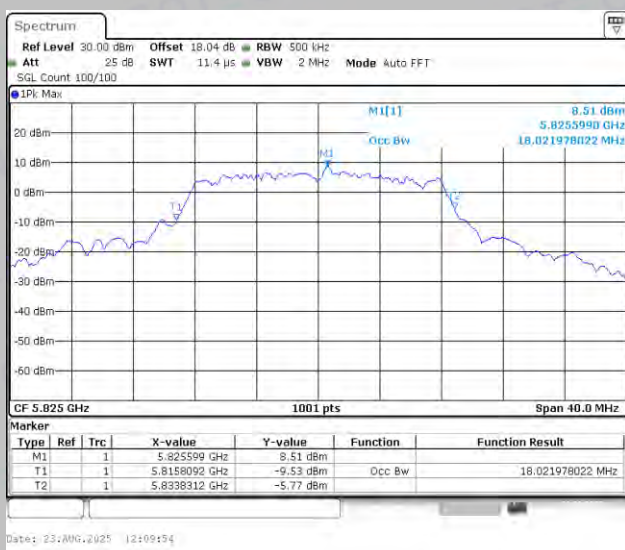
11A-Ant2-5745



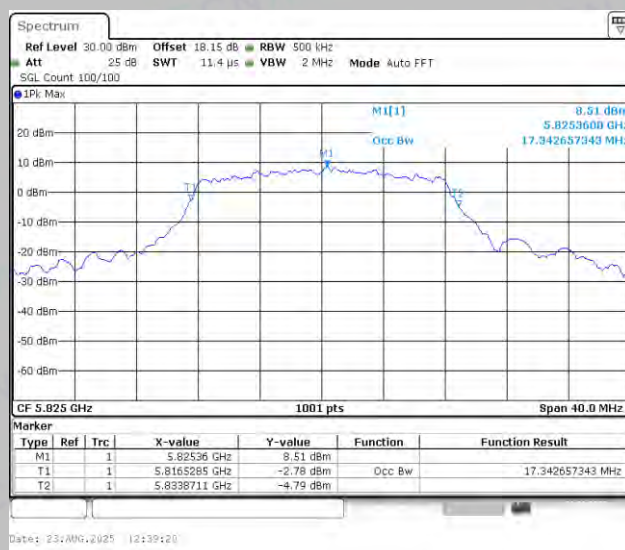
11A-Ant1-5785



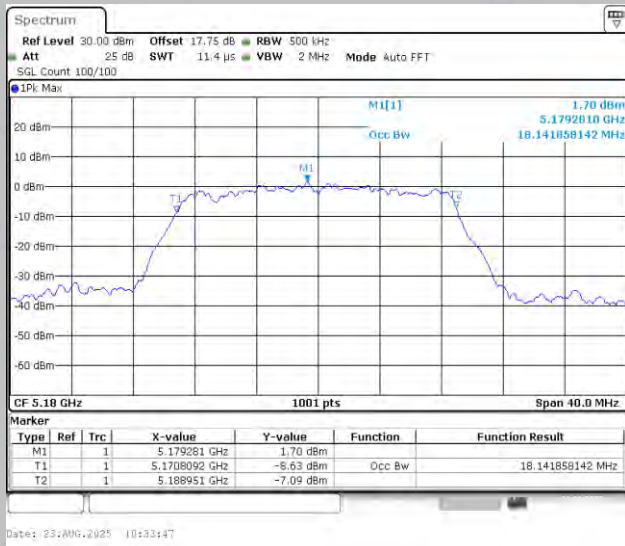
11A-Ant2-5785



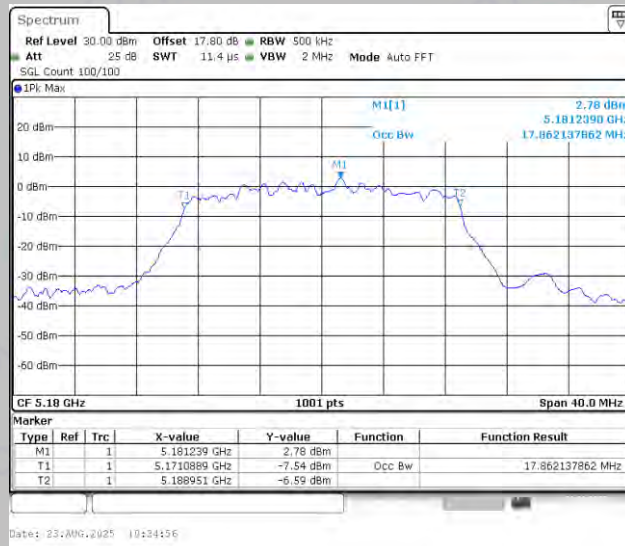
11A-Ant1-5825



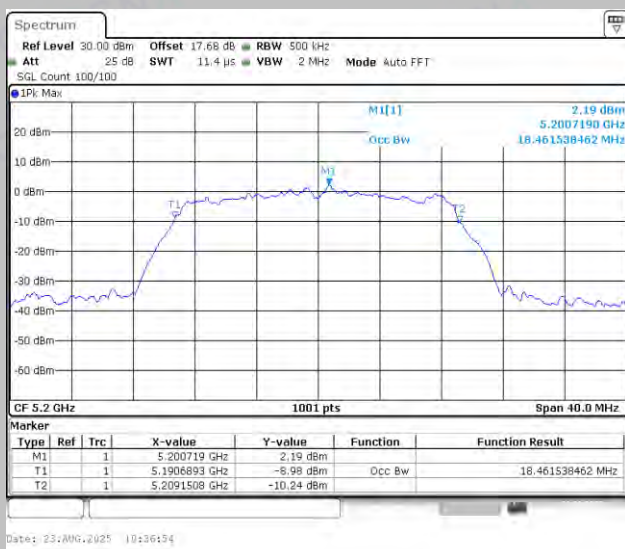
11A-Ant2-5825



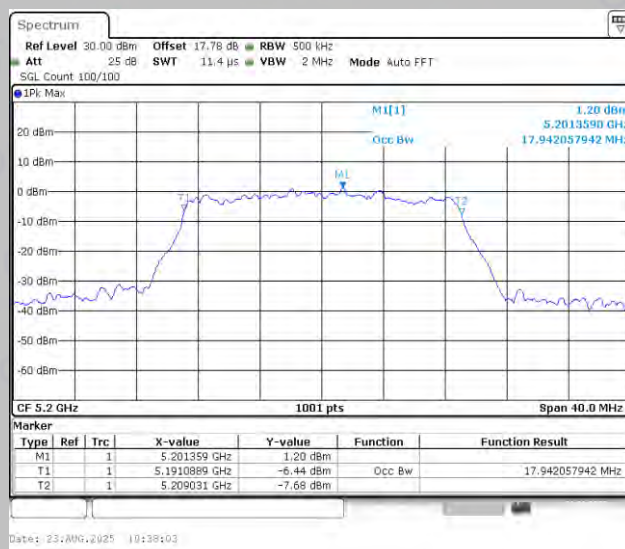
11N20MIMO-Ant1-5180



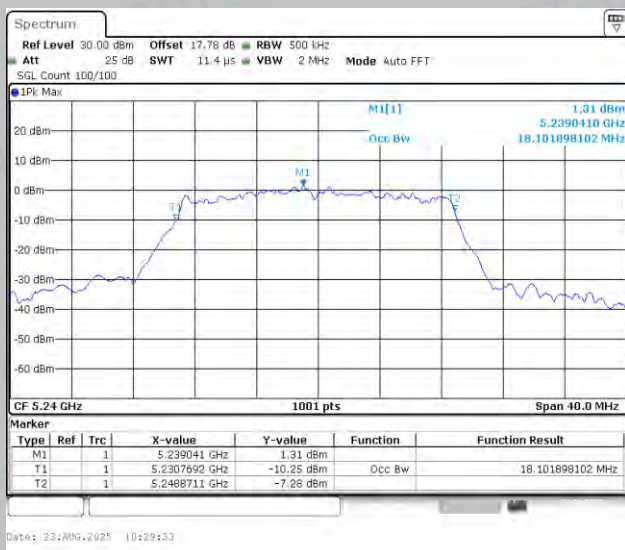
11N20MIMO-Ant2-5180



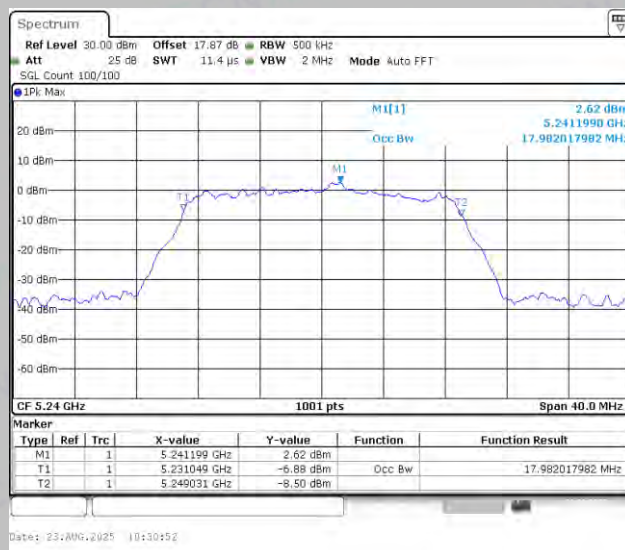
11N20MIMO-Ant1-5200



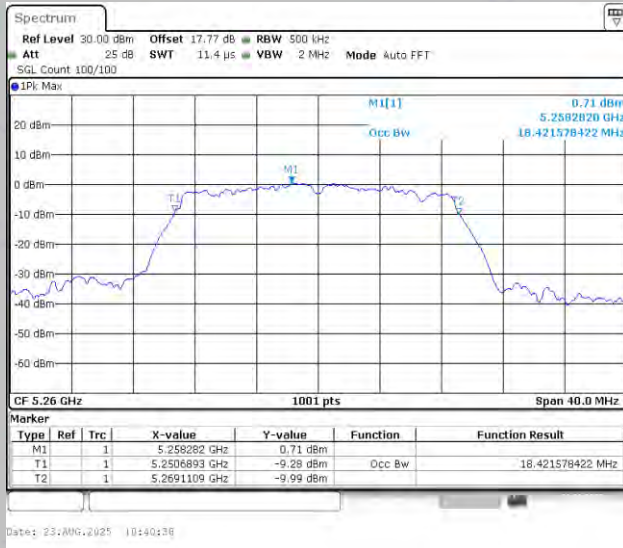
11N20MIMO-Ant2-5200



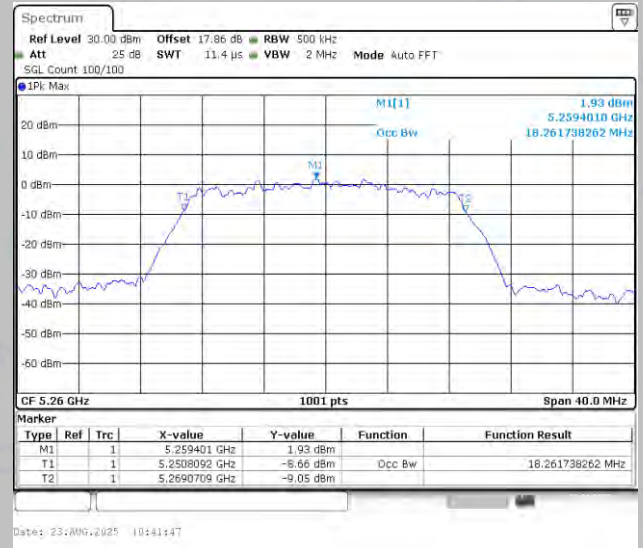
11N20MIMO-Ant1-5240



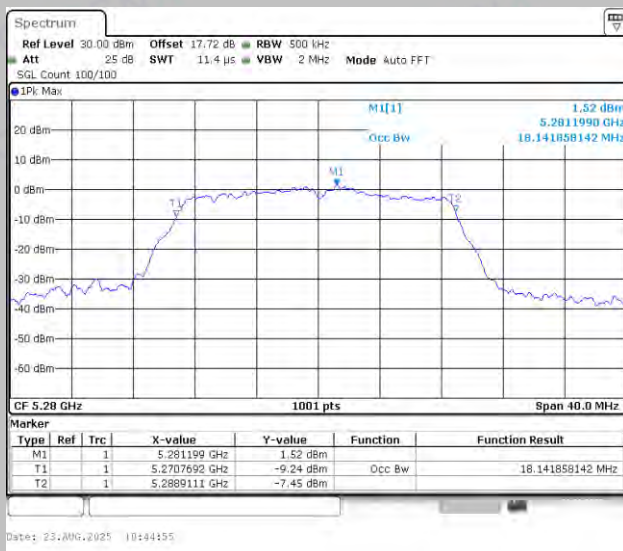
11N20MIMO-Ant2-5240



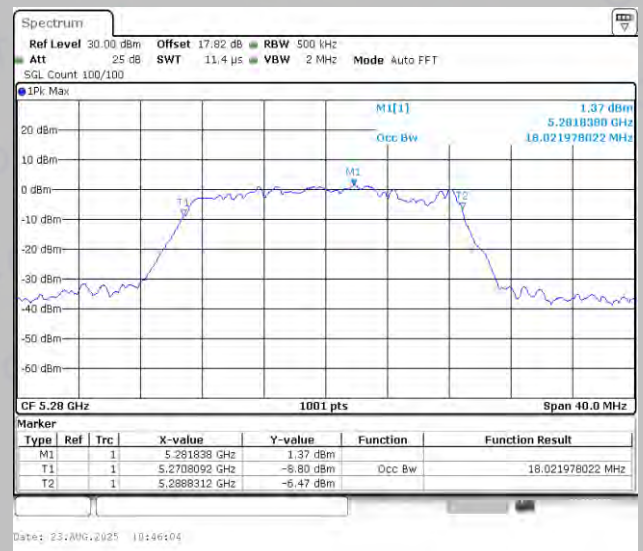
11N20MIMO-Ant1-5260



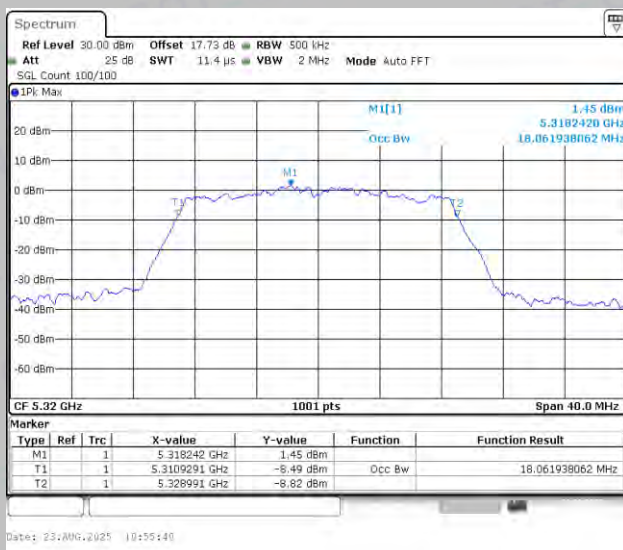
11N20MIMO-Ant2-5260



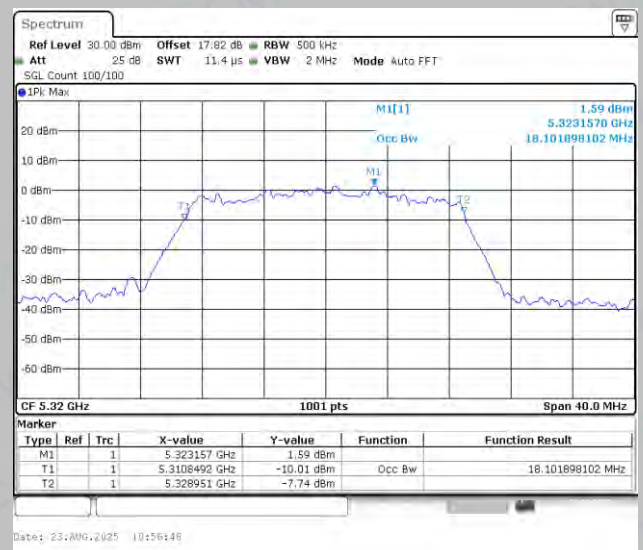
11N20MIMO-Ant1-5280



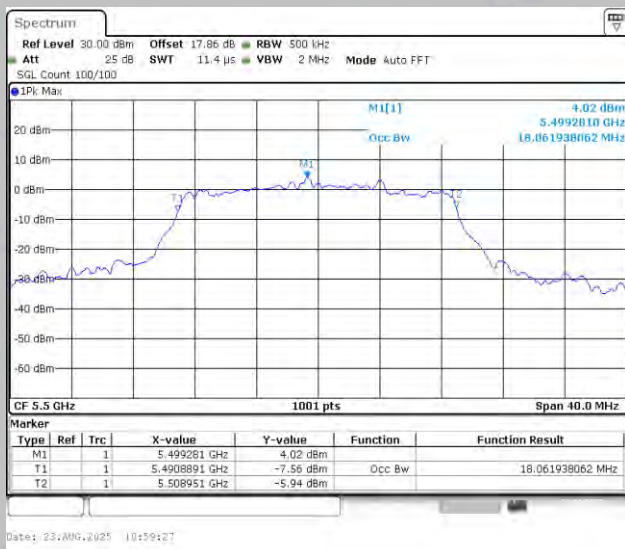
11N20MIMO-Ant2-5280



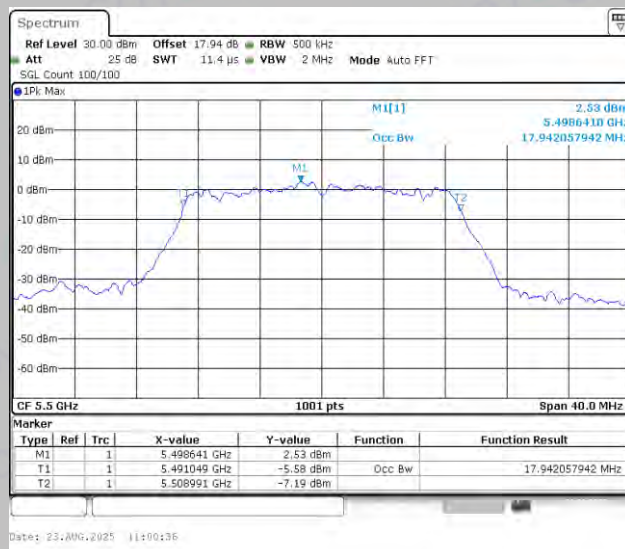
11N20MIMO-Ant1-5320



11N20MIMO-Ant2-5320



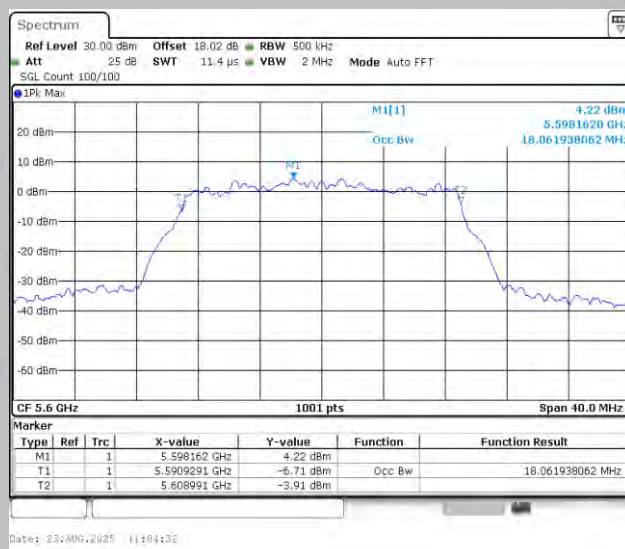
11N20MIMO-Ant1-5500



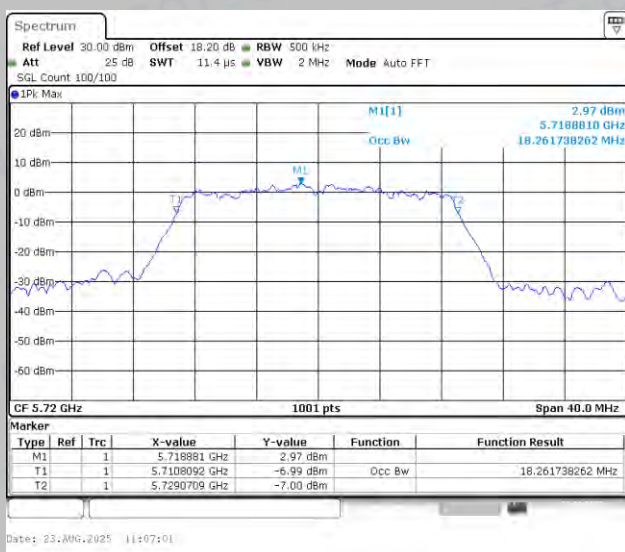
11N20MIMO-Ant2-5500



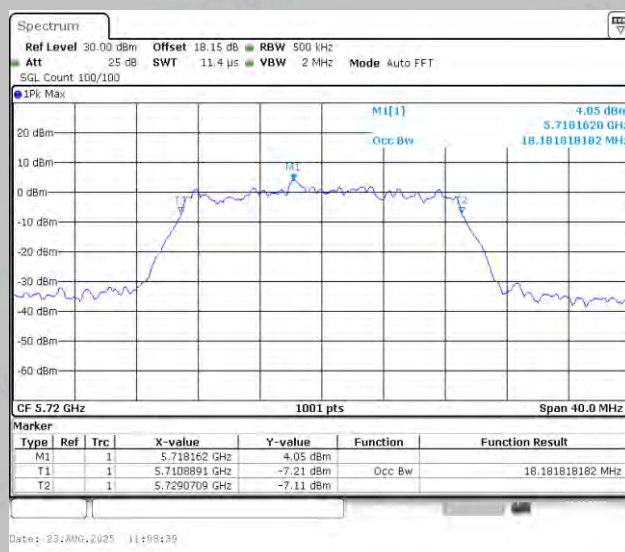
11N20MIMO-Ant1-5600



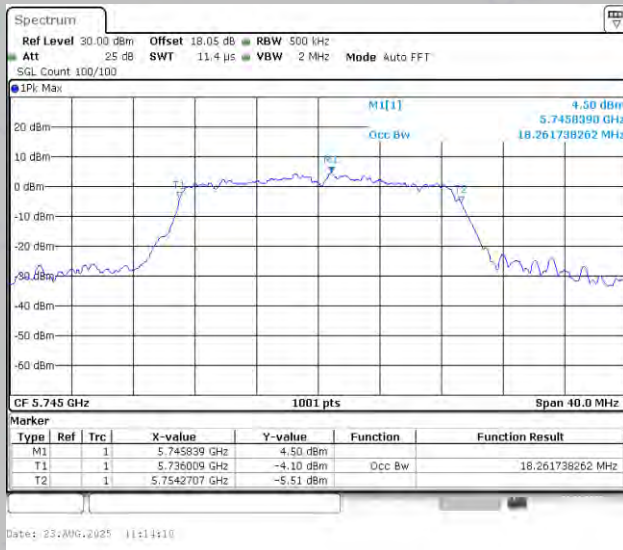
11N20MIMO-Ant2-5600



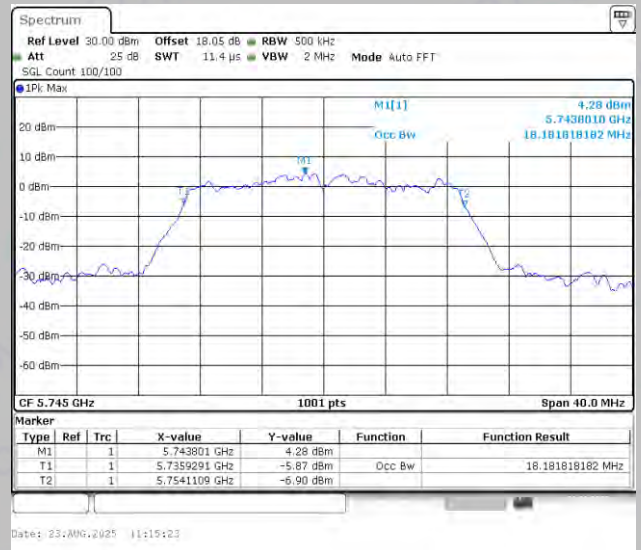
11N20MIMO-Ant1-5720



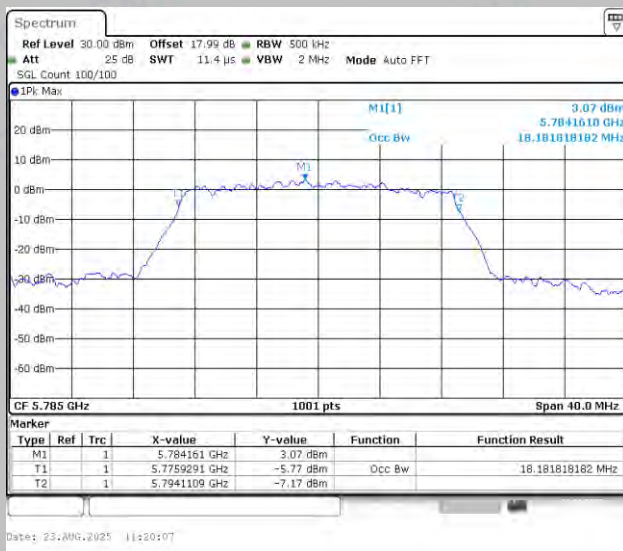
11N20MIMO-Ant2-5720



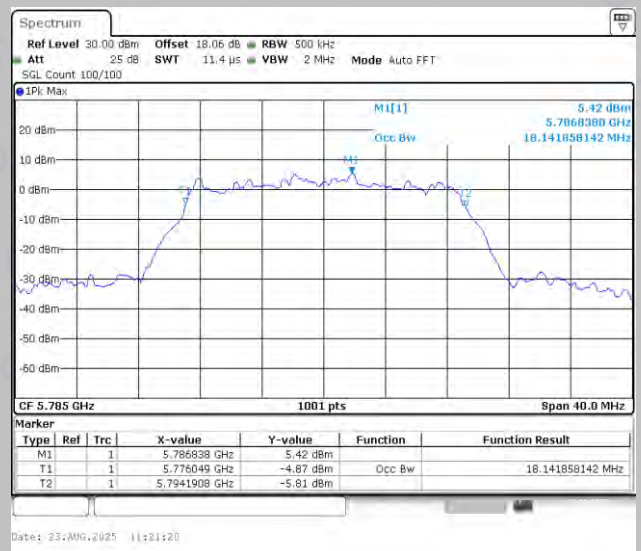
11N20MIMO-Ant1-5745



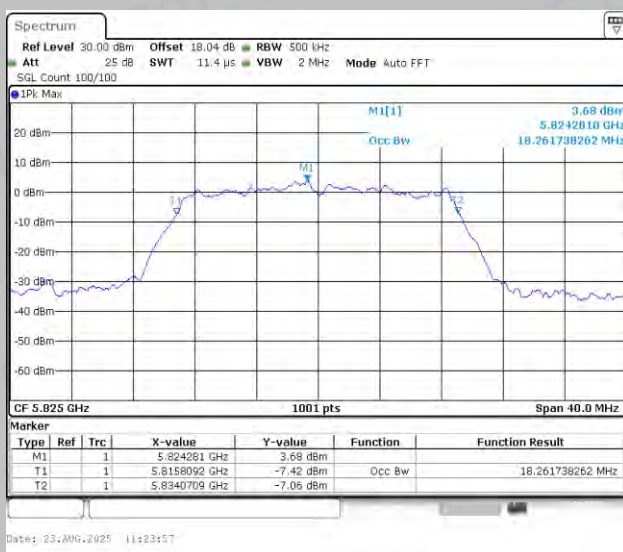
11N20MIMO-Ant2-5745



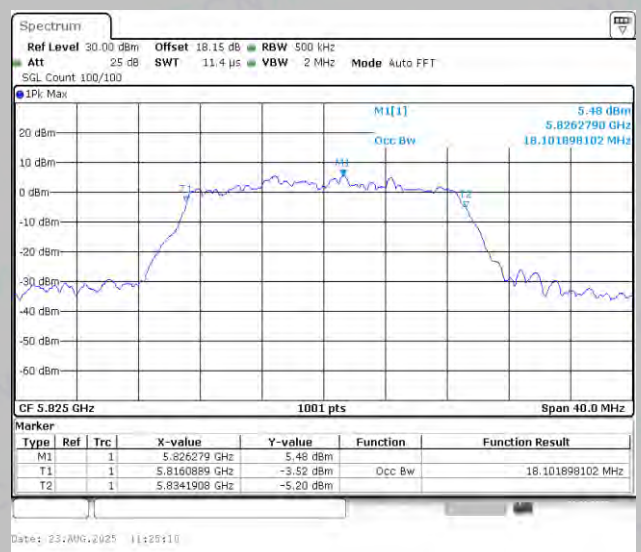
11N20MIMO-Ant1-5785



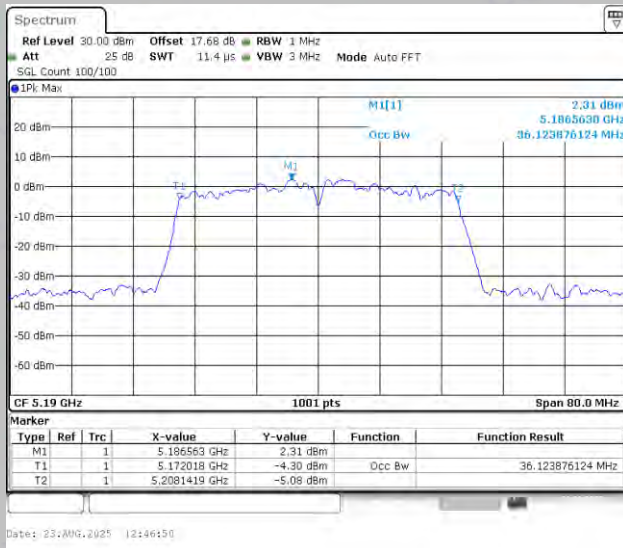
11N20MIMO-Ant2-5785



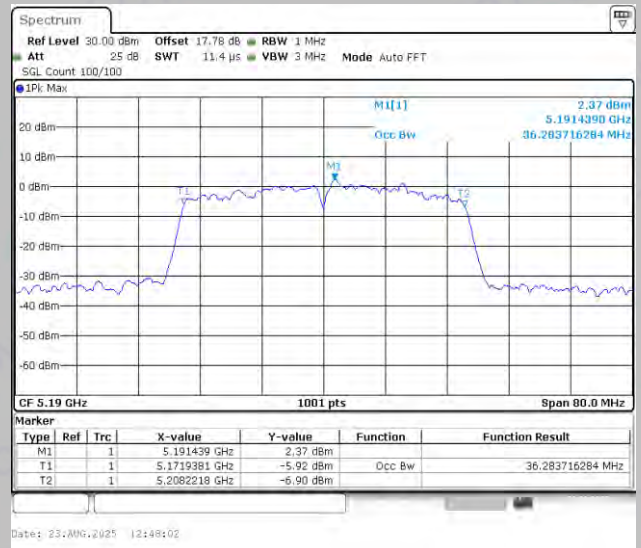
11N20MIMO-Ant1-5825



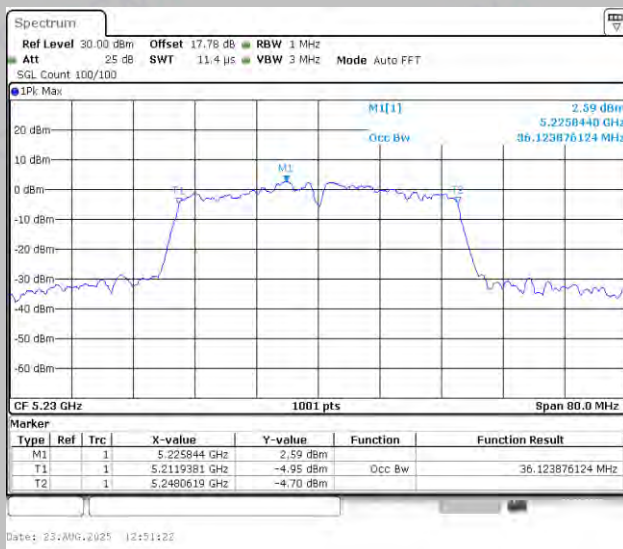
11N20MIMO-Ant2-5825



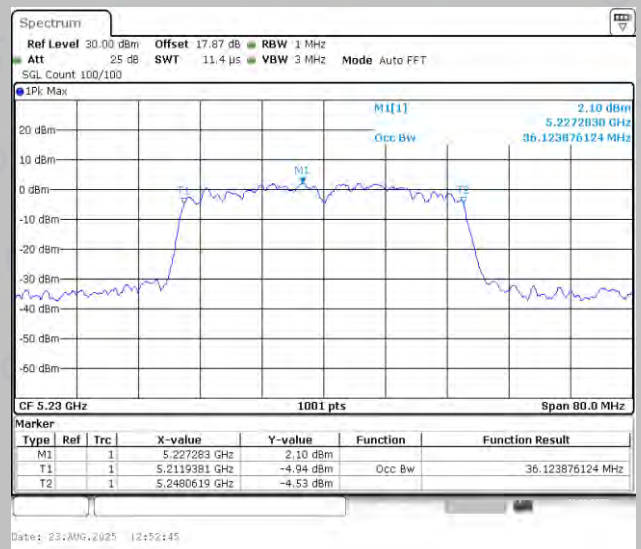
11N40MIMO-Ant1-5190



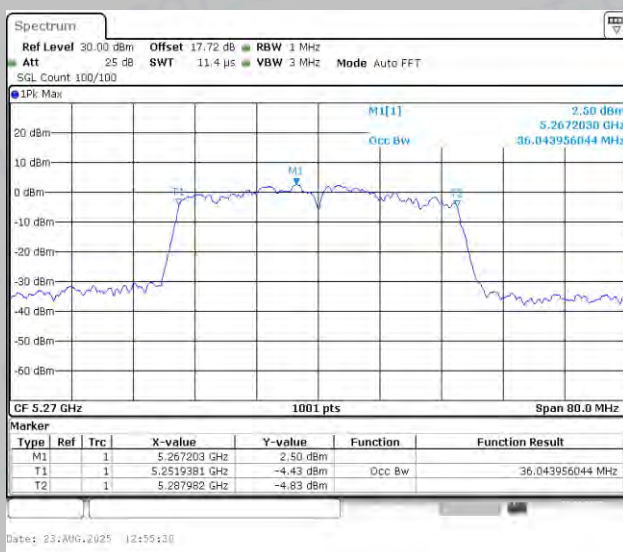
11N40MIMO-Ant2-5190



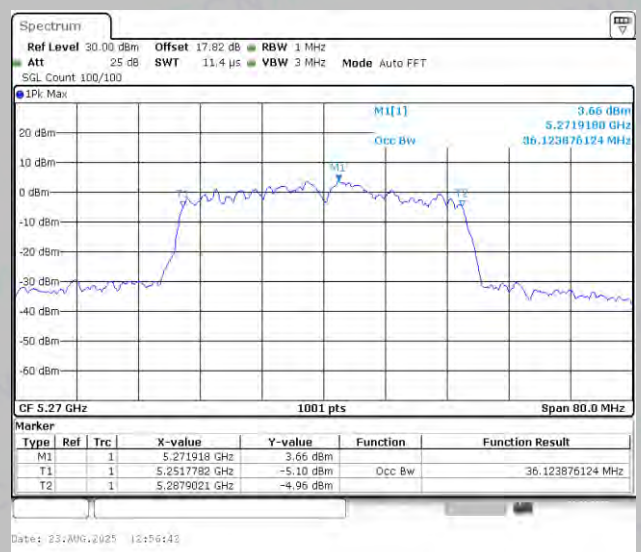
11N40MIMO-Ant1-5230



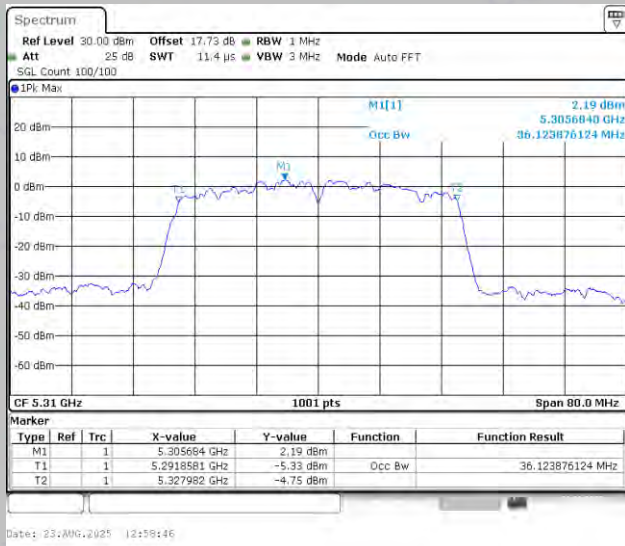
11N40MIMO-Ant2-5230



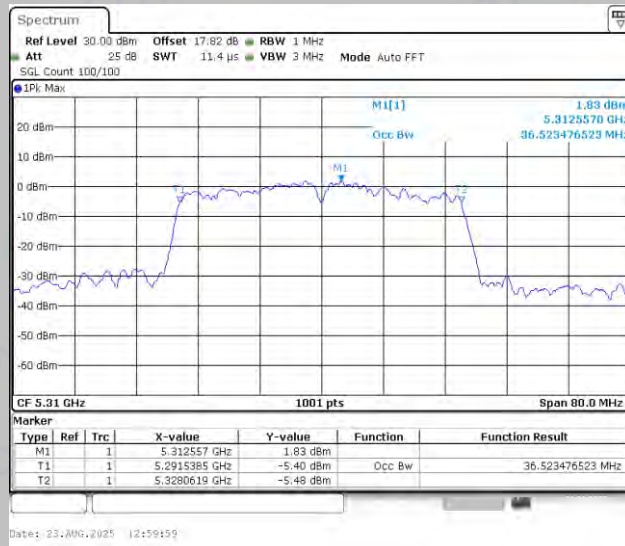
11N40MIMO-Ant1-5270



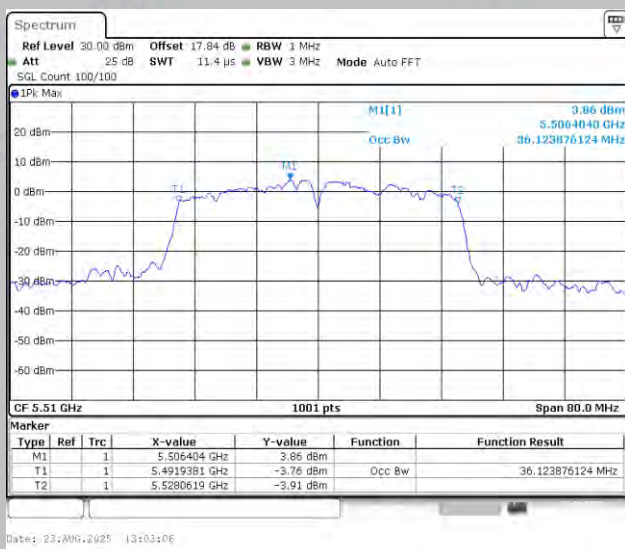
11N40MIMO-Ant2-5270



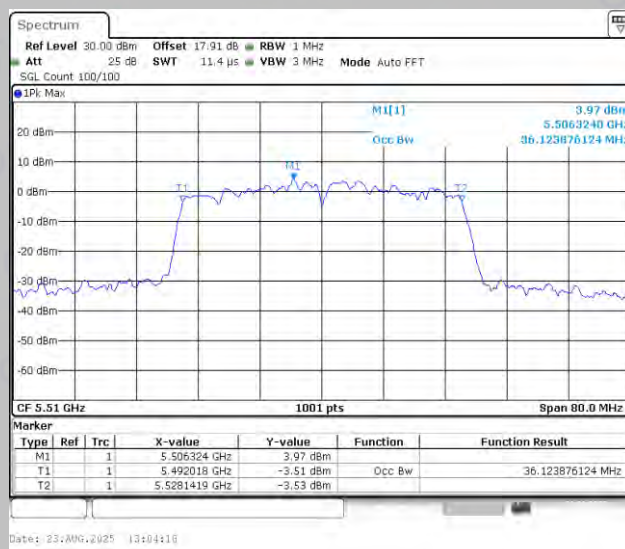
11N40MIMO-Ant1-5310



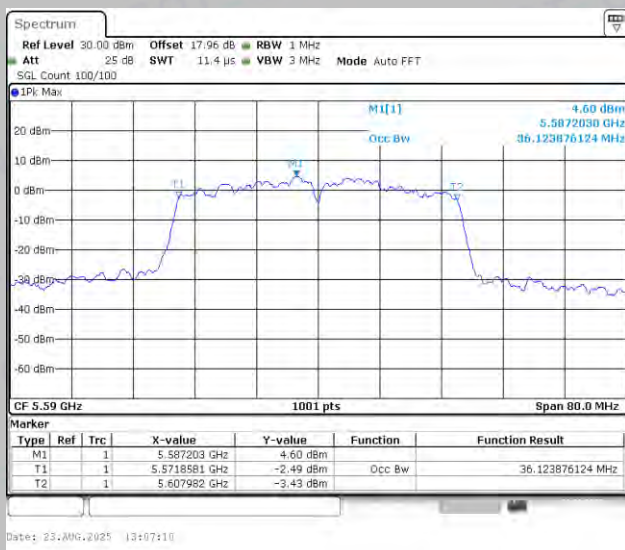
11N40MIMO-Ant2-5310



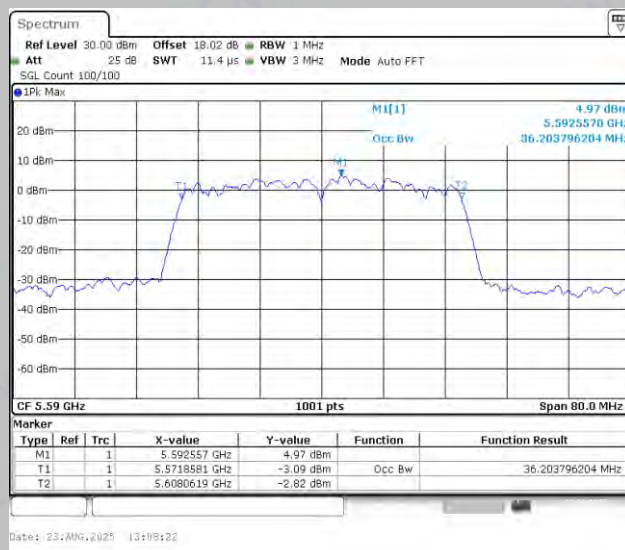
11N40MIMO-Ant1-5510



11N40MIMO-Ant2-5510



11N40MIMO-Ant1-5590



11N40MIMO-Ant2-5590