

Appendix: 5G Wi-Fi Band1,4

Contents

Appendix A1: Emission Bandwidth 3

 Test Result 3

 Test Graphs 5

Appendix A2: Occupied channel bandwidth 23

 Test Result 23

 Test Graphs 24

Appendix A3: Min emission bandwidth 42

 Test Result B4 42

 Test Graphs B4 43

Appendix B: Duty Cycle 52

 Test Result 52

 Test Graphs 53

Appendix C: Maximum conducted output power 71

 Test Result Channel Power 71

 Test Graphs Channel Power 73

Appendix D: Maximum power spectral density 91

 Test Result 91

 Test Graphs 93

Appendix G: Frequency Stability 111

 Test Result 111

Appendix A1: Emission Bandwidth**Test Result**

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	24.12	5167.48	5191.60	---	---
11A	Ant1	5200	25.16	5186.96	5212.12	---	---
11A	Ant1	5240	29.80	5225.16	5254.96	---	---
11A	Ant1	5745	25.88	5732.16	5758.04	---	---
11A	Ant1	5785	24.72	5772.20	5796.92	---	---
11A	Ant1	5825	25.40	5811.60	5837.00	---	---
11N20SISO	Ant1	5180	25.56	5166.72	5192.28	---	---
11N20SISO	Ant1	5200	26.32	5186.48	5212.80	---	---
11N20SISO	Ant1	5240	28.52	5224.80	5253.32	---	---
11N20SISO	Ant1	5745	26.52	5731.72	5758.24	---	---
11N20SISO	Ant1	5785	26.04	5771.52	5797.56	---	---
11N20SISO	Ant1	5825	25.60	5811.84	5837.44	---	---
11N40SISO	Ant1	5190	50.00	5164.00	5214.00	---	---
11N40SISO	Ant1	5230	54.16	5203.36	5257.52	---	---
11N40SISO	Ant1	5755	49.84	5730.36	5780.20	---	---
11N40SISO	Ant1	5795	48.64	5769.88	5818.52	---	---
11AC20SISO	Ant1	5180	25.04	5167.36	5192.40	---	---
11AC20SISO	Ant1	5200	25.76	5187.16	5212.92	---	---
11AC20SISO	Ant1	5240	26.48	5226.64	5253.12	---	---
11AC20SISO	Ant1	5745	25.96	5731.72	5757.68	---	---
11AC20SISO	Ant1	5785	25.68	5771.92	5797.60	---	---
11AC20SISO	Ant1	5825	25.52	5812.08	5837.60	---	---
11AC40SISO	Ant1	5190	50.24	5163.84	5214.08	---	---
11AC40SISO	Ant1	5230	59.12	5199.60	5258.72	---	---
11AC40SISO	Ant1	5755	50.96	5728.36	5779.32	---	---
11AC40SISO	Ant1	5795	48.32	5770.04	5818.36	---	---
11AX20SISO	Ant1	5180	25.52	5167.40	5192.92	---	---
11AX20SISO	Ant1	5200	25.80	5187.28	5213.08	---	---
11AX20SISO	Ant1	5240	28.28	5225.48	5253.76	---	---
11AX20SISO	Ant1	5745	32.36	5728.32	5760.68	---	---
11AX20SISO	Ant1	5785	25.80	5771.88	5797.68	---	---
11AX20SISO	Ant1	5825	25.68	5812.32	5838.00	---	---
11AX40SISO	Ant1	5190	45.52	5167.44	5212.96	---	---
11AX40SISO	Ant1	5230	54.80	5198.16	5252.96	---	---
11AX40SISO	Ant1	5755	54.80	5724.28	5779.08	---	---

11AX40SISO	Ant1	5795	46.56	5771.24	5817.80	---	---
------------	------	------	-------	---------	---------	-----	-----

Test Graphs





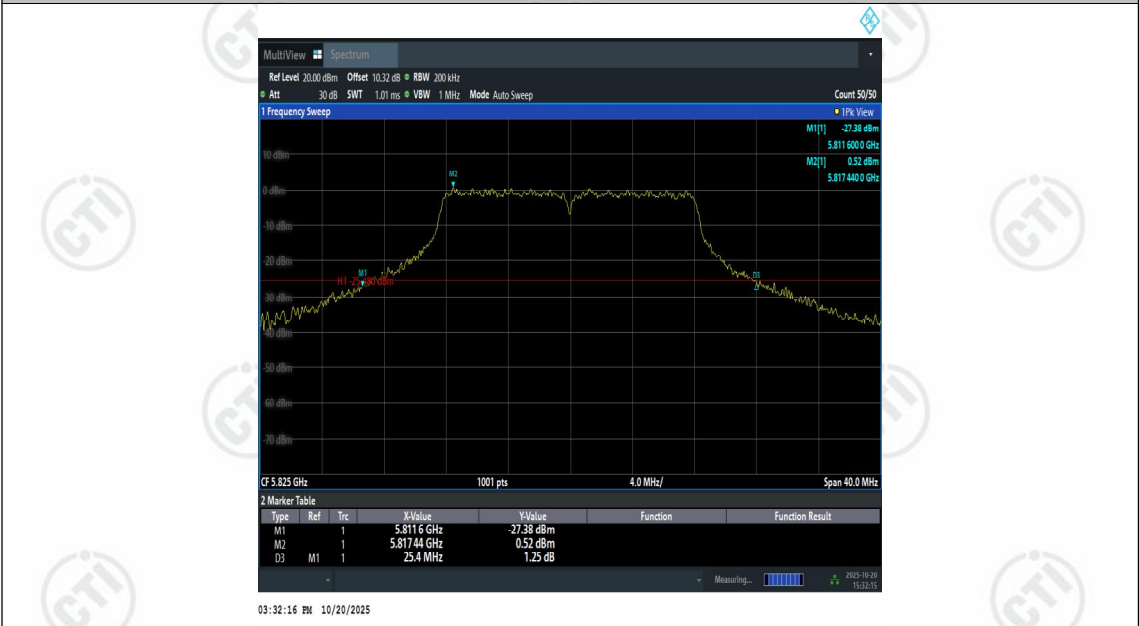
11A-Ant1-5240



11A-Ant1-5745



11A-Ant1-5785



11A-Ant1-5825

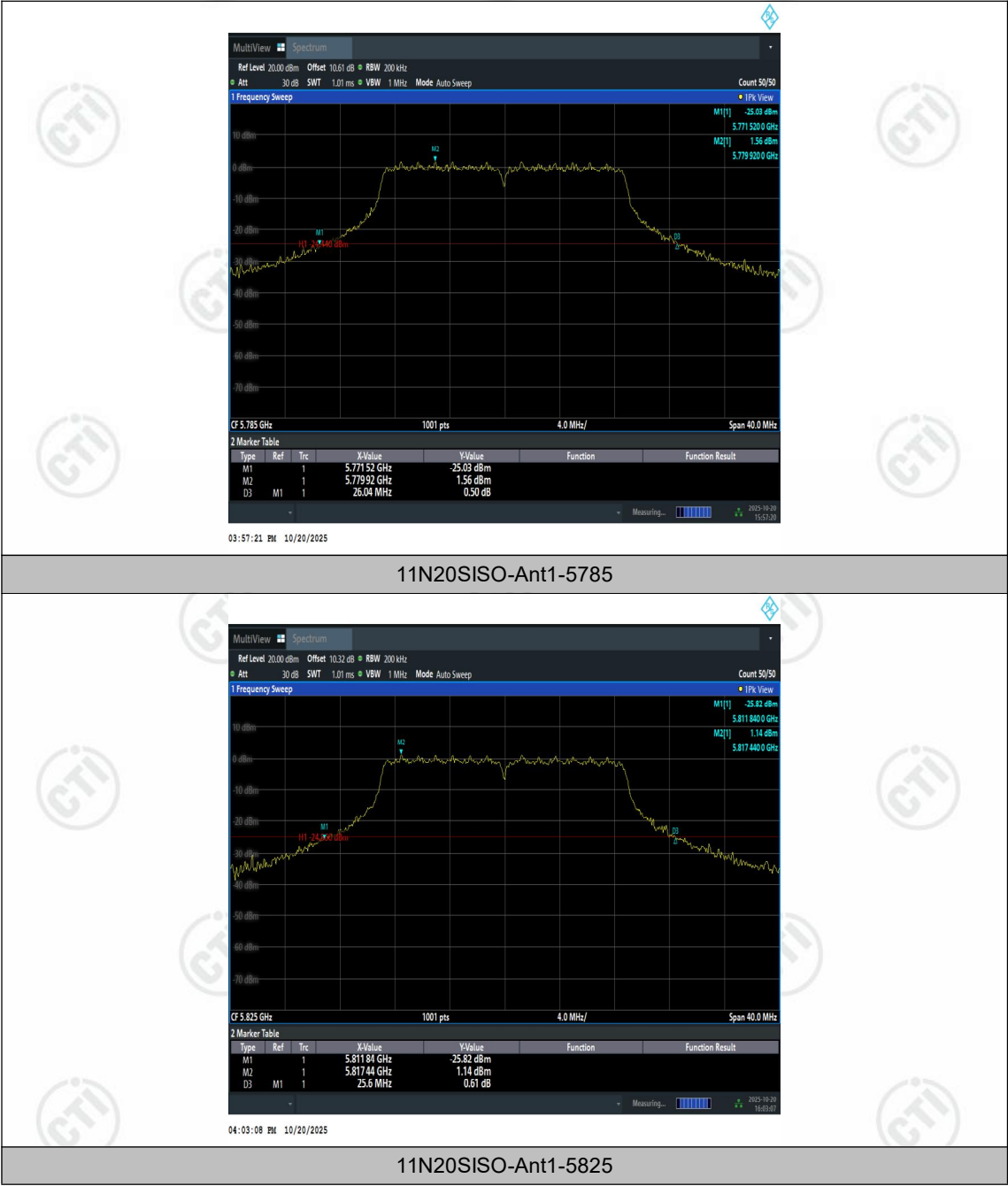




11N20SISO-Ant1-5240



11N20SISO-Ant1-5745





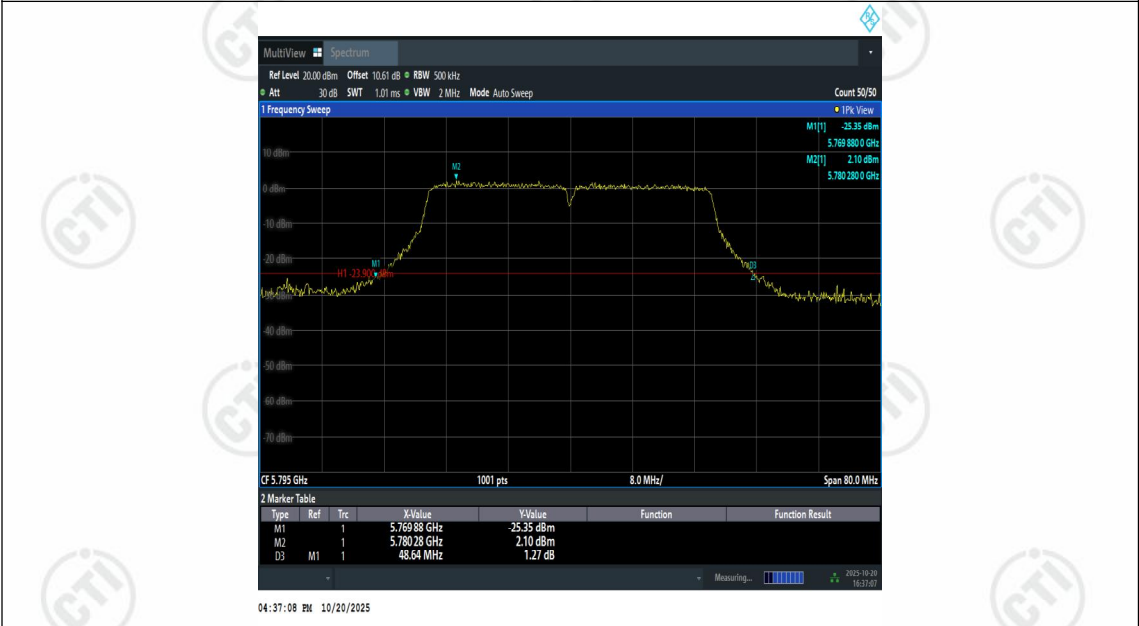
11N40SISO-Ant1-5190



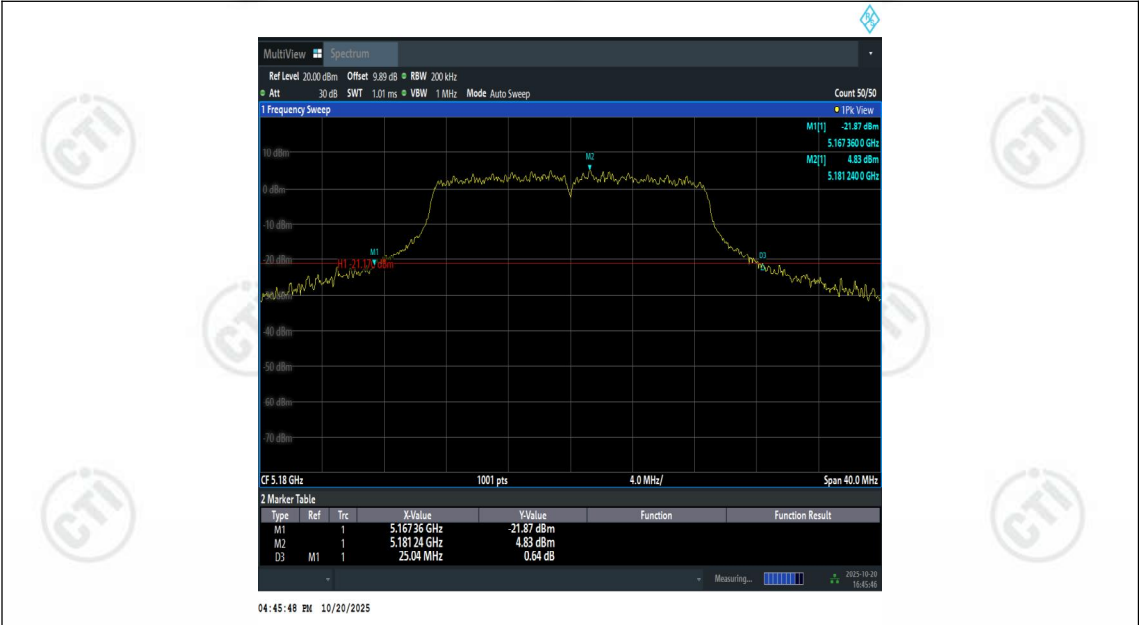
11N40SISO-Ant1-5230



11N40SISO-Ant1-5755



11N40SISO-Ant1-5795



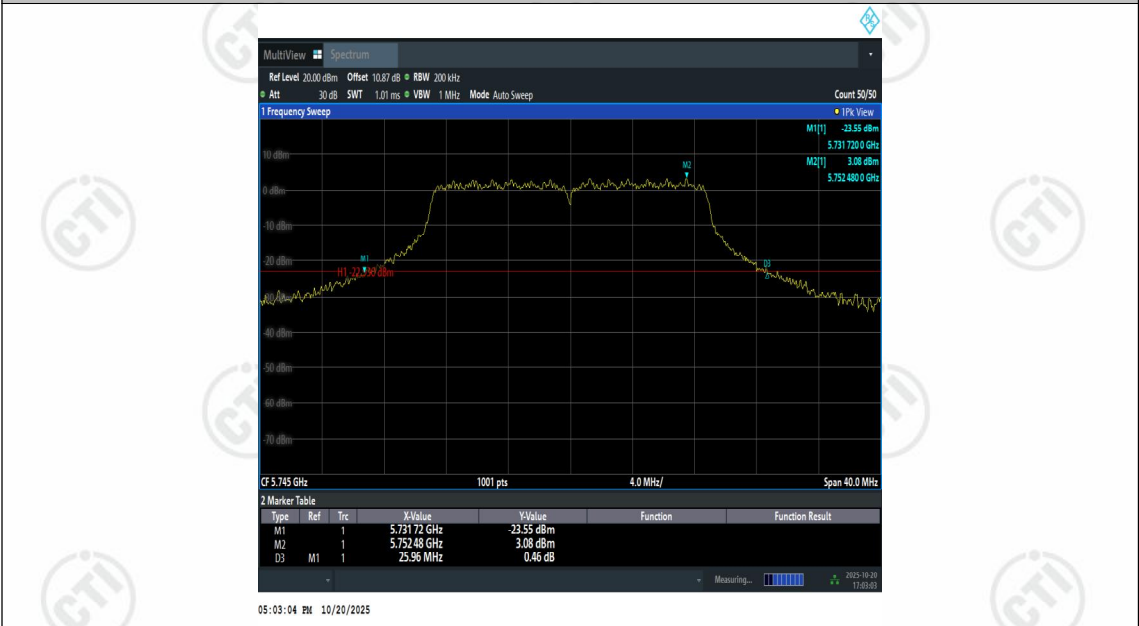
11AC20SISO-Ant1-5180



11AC20SISO-Ant1-5200



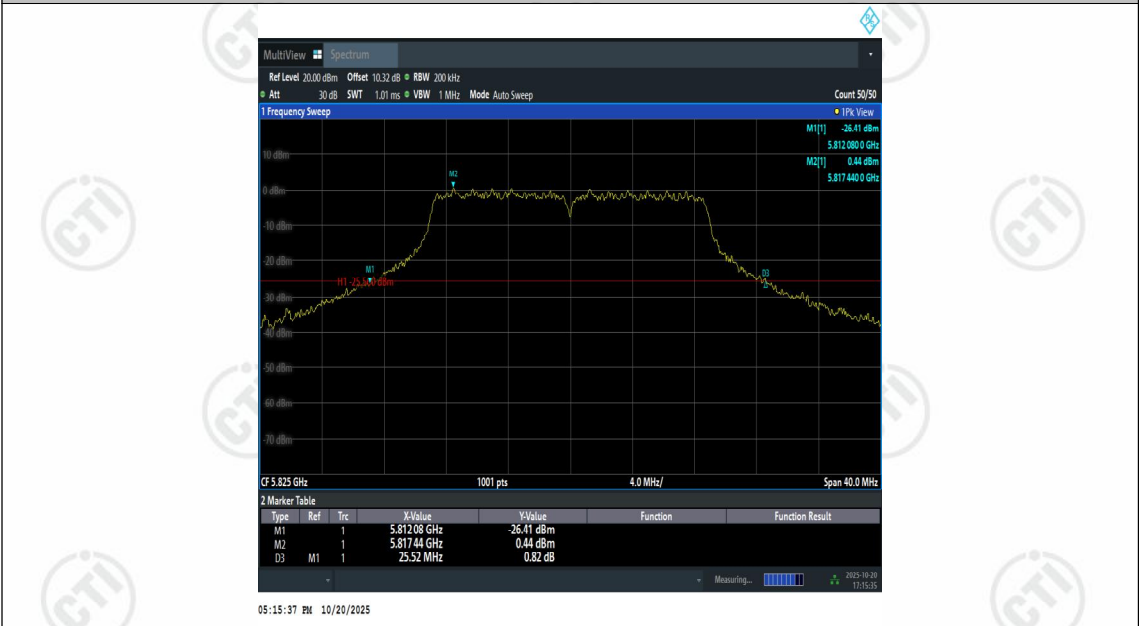
11AC20SISO-Ant1-5240



11AC20SISO-Ant1-5745



11AC20SISO-Ant1-5785



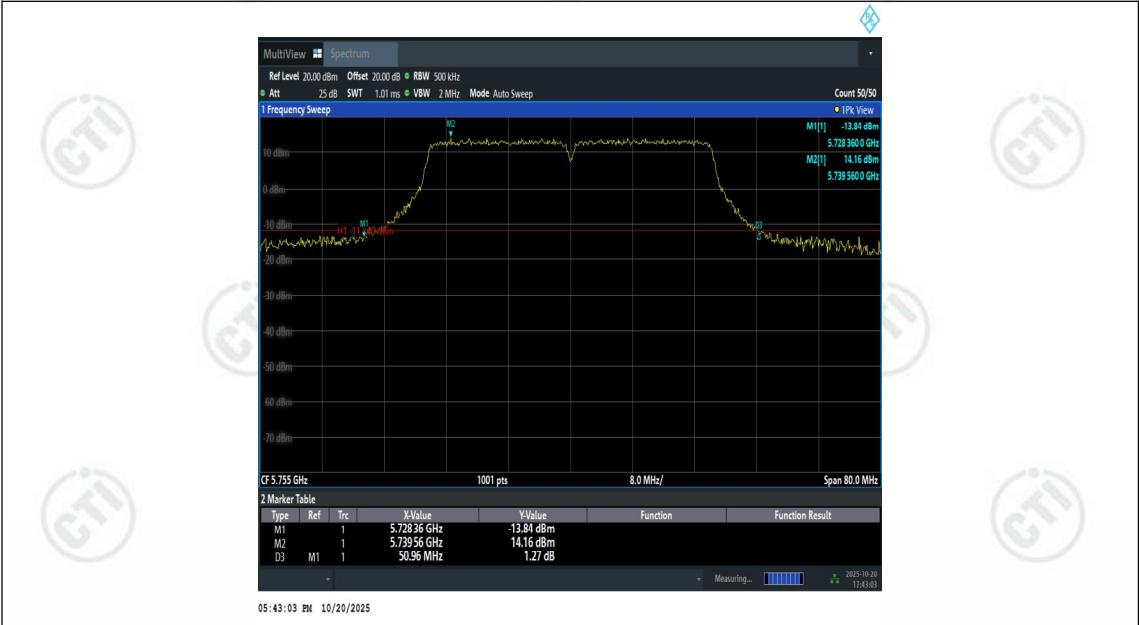
11AC20SISO-Ant1-5825



11AC40SISO-Ant1-5190



11AC40SISO-Ant1-5230



11AC40SISO-Ant1-5755



11AC40SISO-Ant1-5795

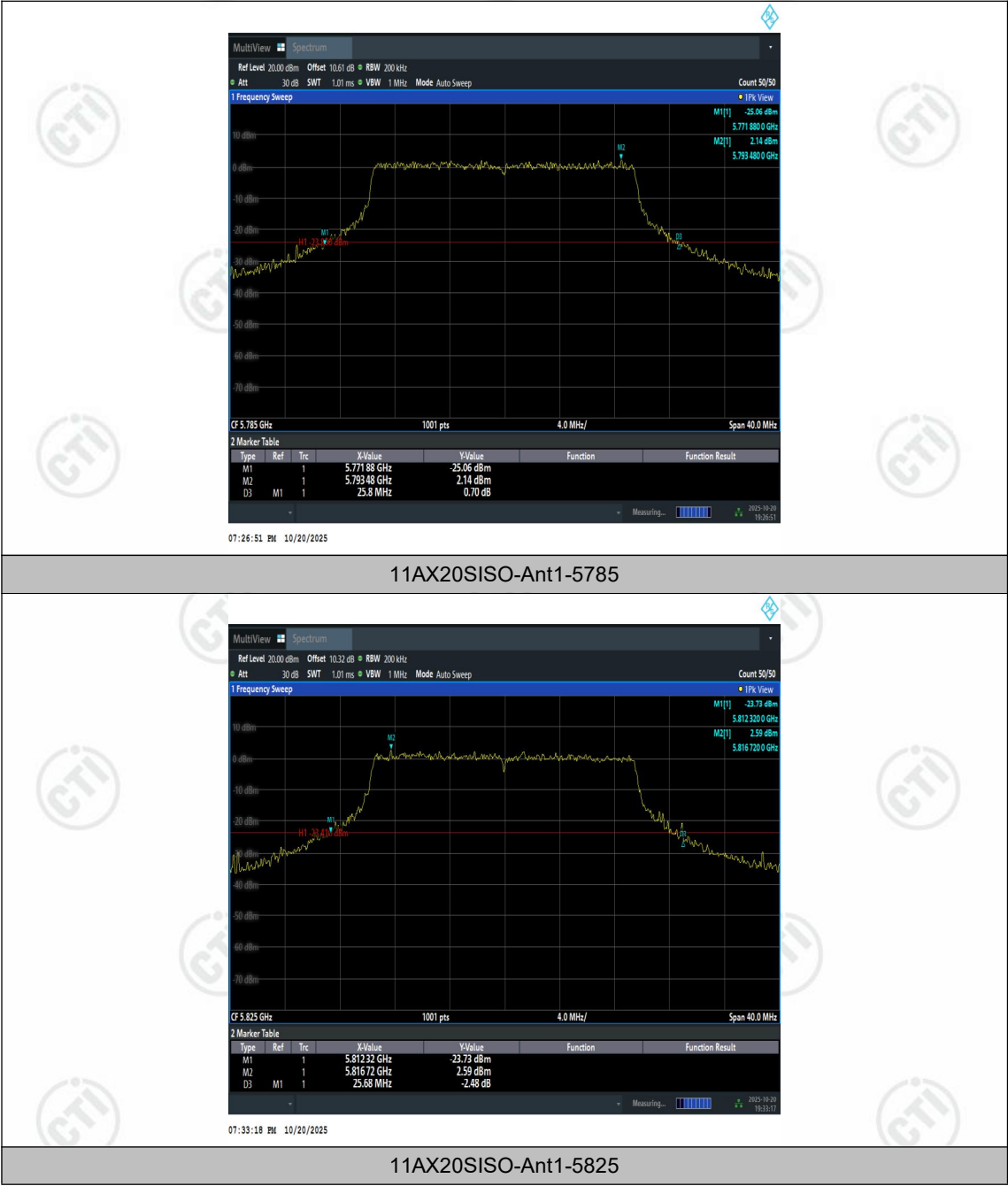




11AX20SISO-Ant1-5240

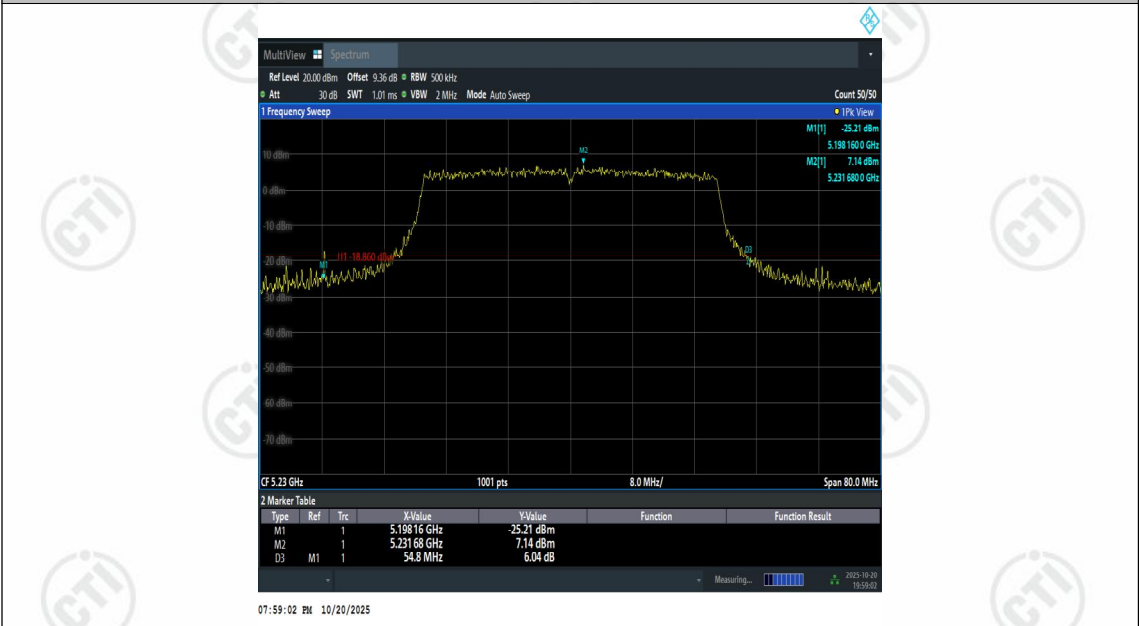


11AX20SISO-Ant1-5745





11AX40SISO-Ant1-5190



11AX40SISO-Ant1-5230



11AX40SISO-Ant1-5755



11AX40SISO-Ant1-5795

Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.253	5170.7267	5188.9793	---	---
11A	Ant1	5200	18.362	5190.6442	5209.0065	---	---
11A	Ant1	5240	18.526	5230.5582	5249.0840	---	---
11A	Ant1	5745	19.004	5735.3212	5754.3255	---	---
11A	Ant1	5785	18.649	5775.3946	5794.0440	---	---
11A	Ant1	5825	18.467	5815.4411	5833.9082	---	---
11N20SISO	Ant1	5180	19.272	5170.2564	5189.5286	---	---
11N20SISO	Ant1	5200	19.340	5190.2004	5209.5409	---	---
11N20SISO	Ant1	5240	19.368	5230.2457	5249.6137	---	---
11N20SISO	Ant1	5745	19.683	5735.0329	5754.7159	---	---
11N20SISO	Ant1	5785	19.598	5775.0782	5794.6757	---	---
11N20SISO	Ant1	5825	19.652	5814.9994	5834.6513	---	---
11N40SISO	Ant1	5190	37.672	5171.0274	5208.6999	---	---
11N40SISO	Ant1	5230	37.658	5211.0707	5248.7286	---	---
11N40SISO	Ant1	5755	37.773	5736.0756	5773.8490	---	---
11N40SISO	Ant1	5795	37.890	5775.8707	5813.7608	---	---
11AC20SISO	Ant1	5180	19.238	5170.2742	5189.5120	---	---
11AC20SISO	Ant1	5200	19.233	5190.2764	5209.5090	---	---
11AC20SISO	Ant1	5240	19.328	5230.2858	5249.6138	---	---
11AC20SISO	Ant1	5745	19.715	5735.1148	5754.8298	---	---
11AC20SISO	Ant1	5785	19.572	5775.1029	5794.6752	---	---
11AC20SISO	Ant1	5825	19.519	5815.0670	5834.5861	---	---
11AC40SISO	Ant1	5190	37.566	5171.0884	5208.6541	---	---
11AC40SISO	Ant1	5230	37.626	5211.1127	5248.7384	---	---
11AC40SISO	Ant1	5755	37.821	5736.0511	5773.8725	---	---
11AC40SISO	Ant1	5795	37.591	5776.0735	5813.6648	---	---
11AX20SISO	Ant1	5180	19.558	5170.1848	5189.7428	---	---
11AX20SISO	Ant1	5200	19.637	5190.1234	5209.7602	---	---
11AX20SISO	Ant1	5240	19.564	5230.1600	5249.7245	---	---
11AX20SISO	Ant1	5745	19.967	5734.9539	5754.9211	---	---
11AX20SISO	Ant1	5785	19.805	5775.0471	5794.8520	---	---
11AX20SISO	Ant1	5825	19.815	5814.9965	5834.8119	---	---
11AX40SISO	Ant1	5190	38.206	5170.7972	5209.0035	---	---
11AX40SISO	Ant1	5230	38.481	5210.6740	5249.1546	---	---
11AX40SISO	Ant1	5755	38.896	5735.4713	5774.3677	---	---
11AX40SISO	Ant1	5795	38.787	5775.5024	5814.2897	---	---

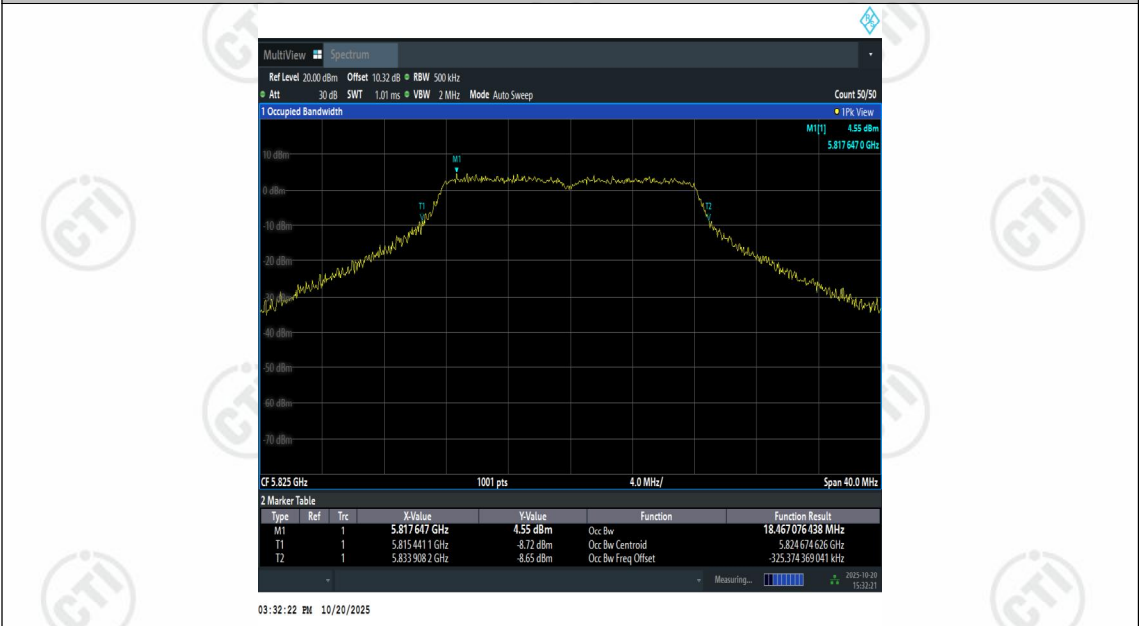
Test Graphs





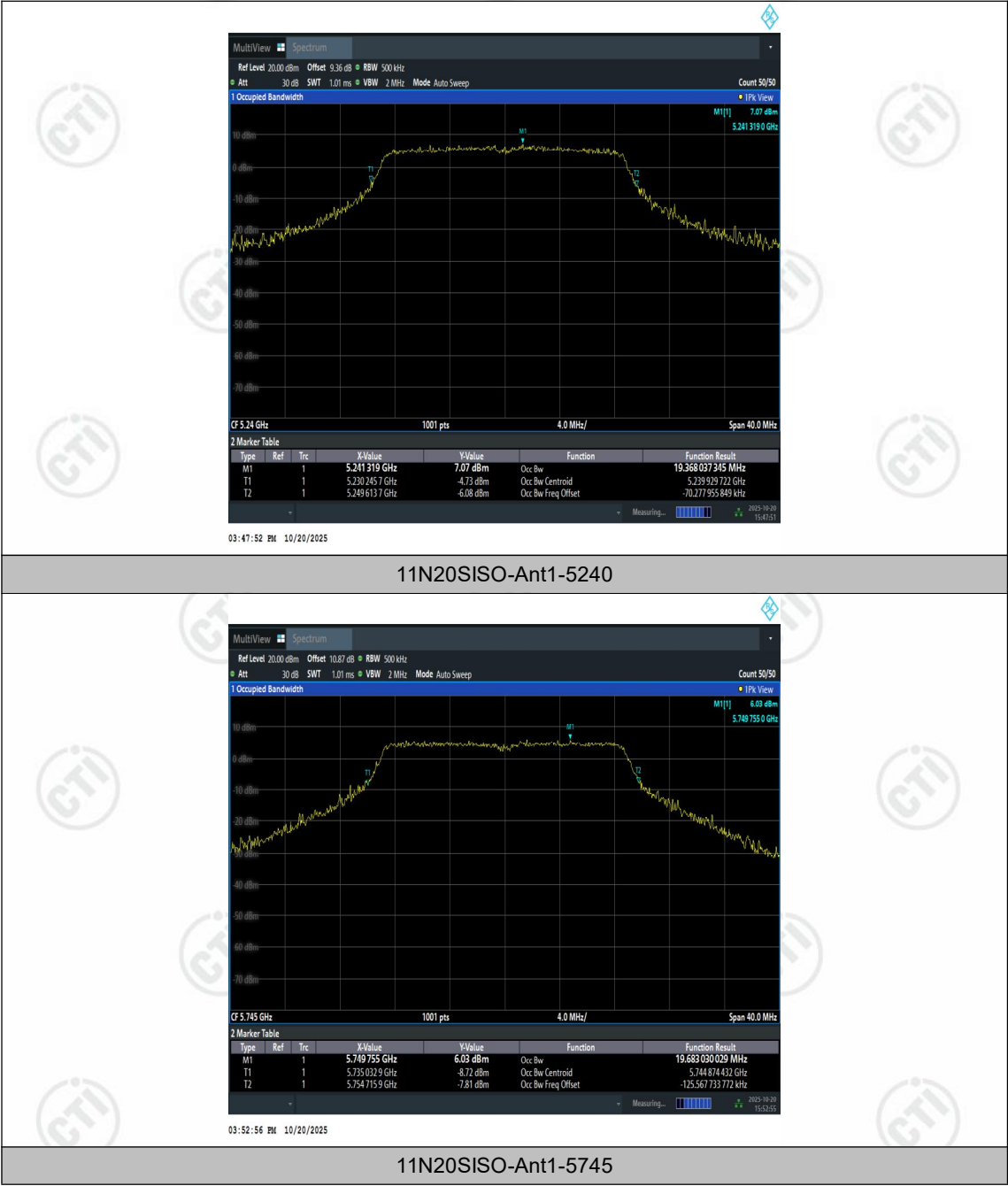


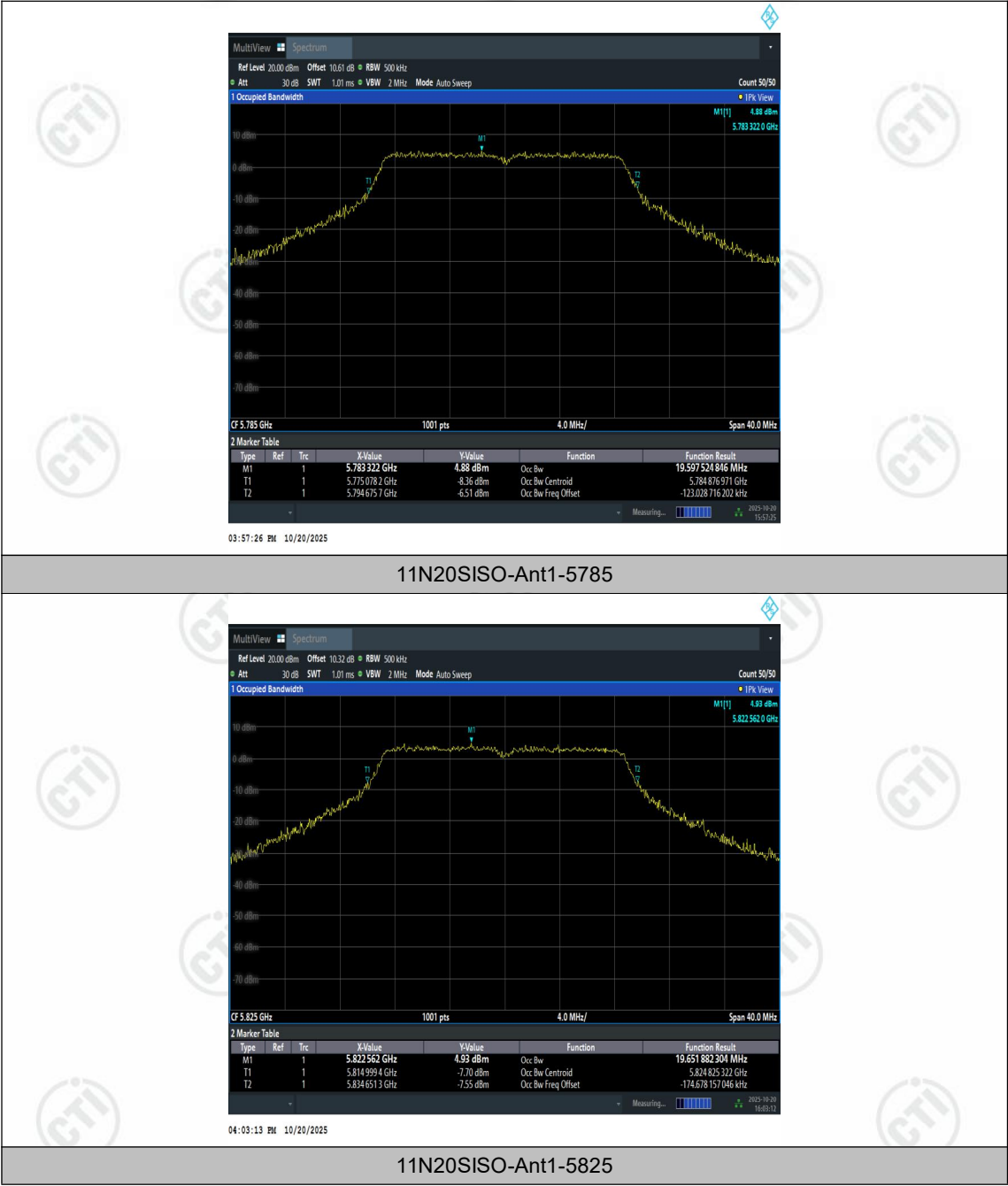
11A-Ant1-5785

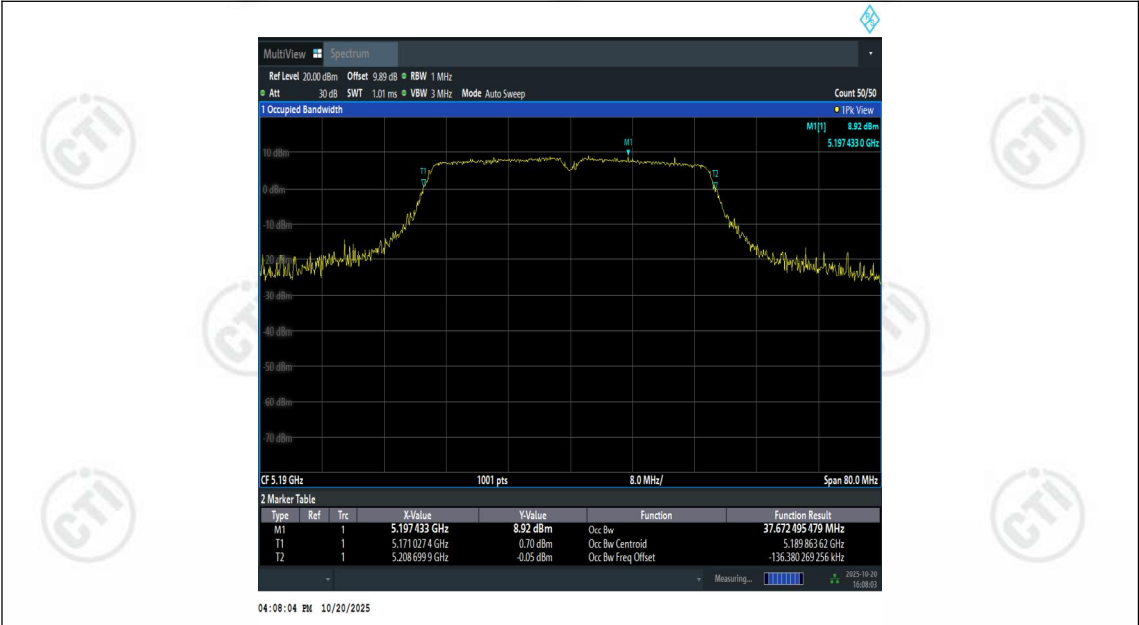


11A-Ant1-5825

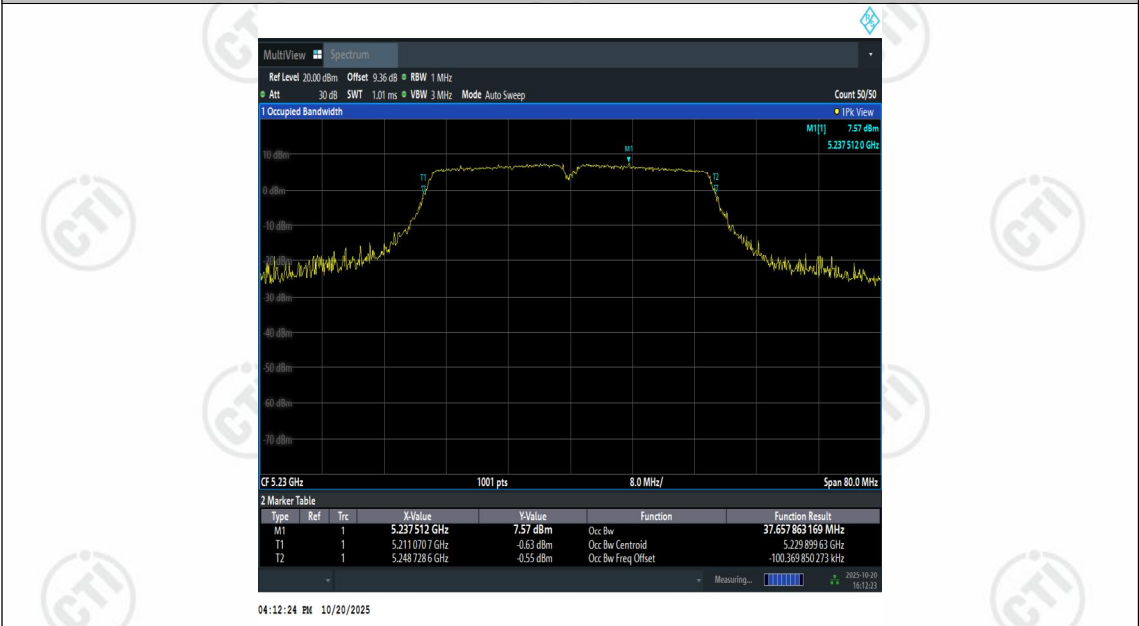






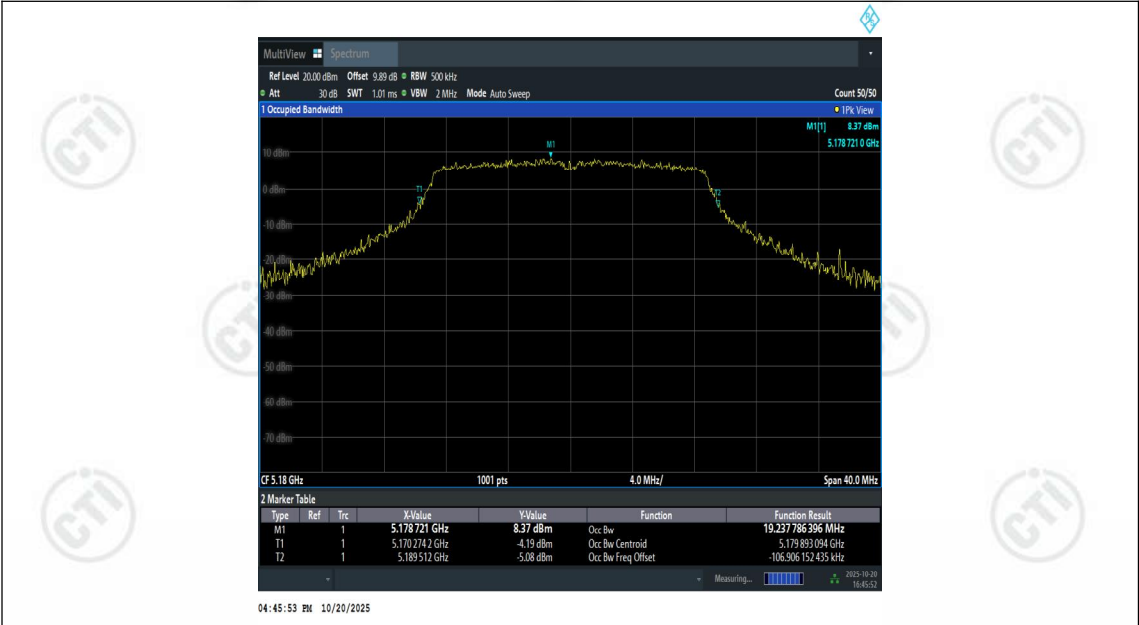


11N40SISO-Ant1-5190



11N40SISO-Ant1-5230





11AC20SISO-Ant1-5180



11AC20SISO-Ant1-5200

