

Appendix: 5G Wi-Fi

Contents

Appendix A1: Emission Bandwidth3

 Test Result 3

 Test Graphs 6

Appendix A2: Occupied channel bandwidth 46

 Test Result 46

 Test Graphs 49

Appendix A3: Min emission bandwidth 89

 Test Result B4 89

 Test Graphs B4 91

Appendix B: Duty Cycle111

 Test Result 111

 Test Graphs 113

Appendix C: Maximum conducted output power153

 Test Result Channel Power153

 Test Graphs Channel Power158

Appendix D: Maximum power spectral density232

 Test Result 232

 Test Graphs 237

Appendix E: Frequency Stability311

 Test Result 311

Appendix A1: Emission Bandwidth

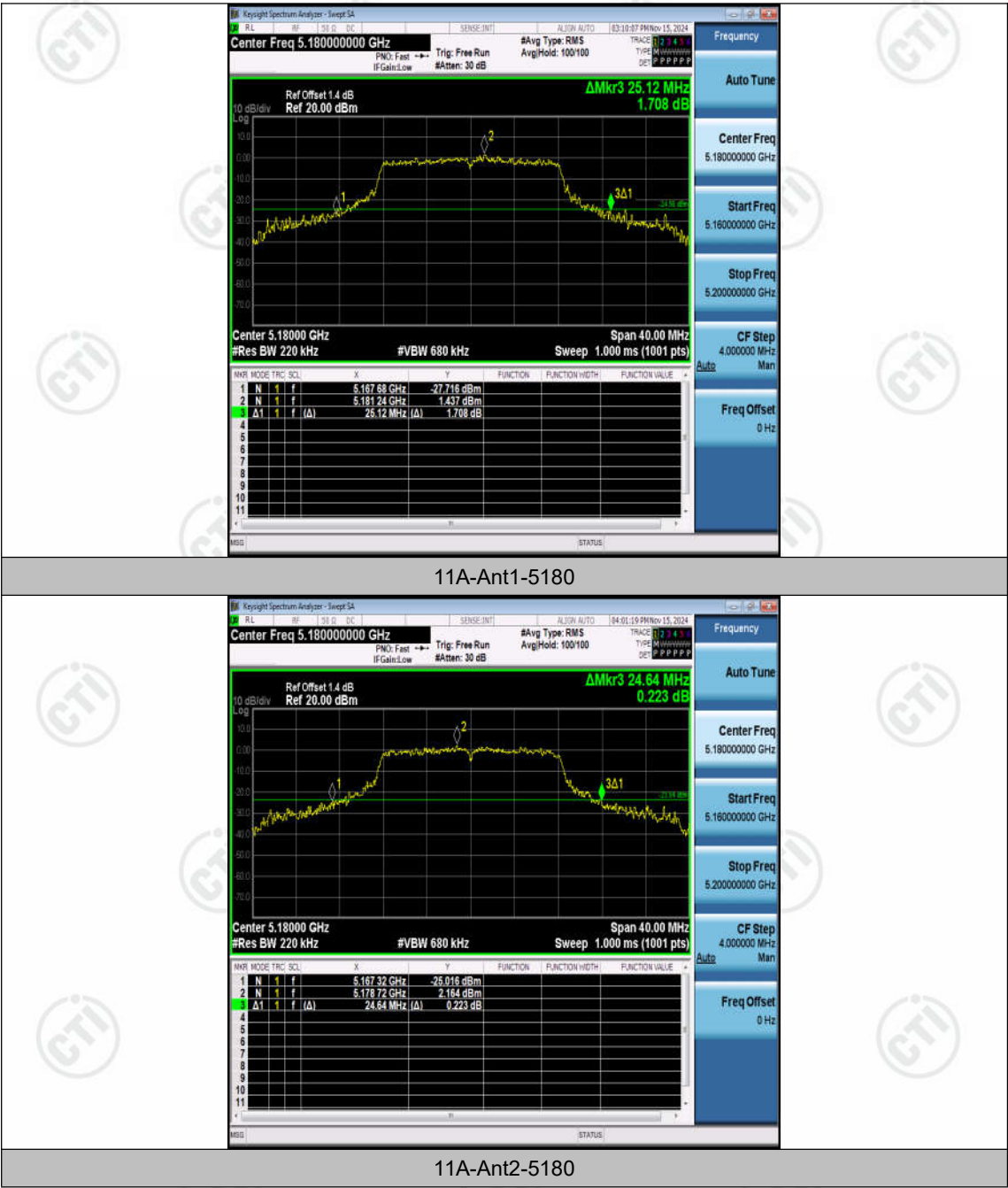
Test Result

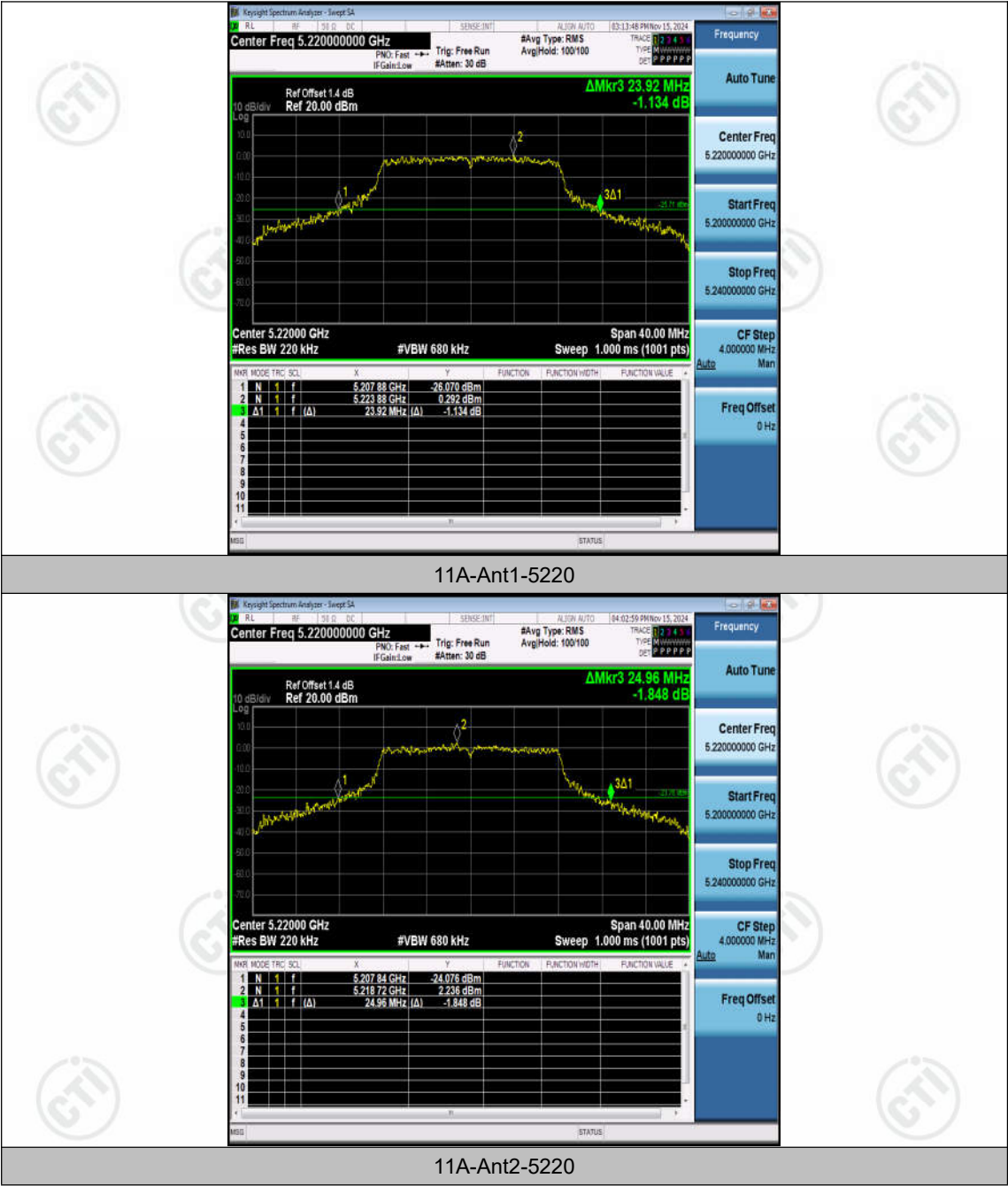
TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	25.120	5167.680	5192.800	---	---
11A	Ant2	5180	24.640	5167.320	5191.960	---	---
11A	Ant1	5220	23.920	5207.880	5231.800	---	---
11A	Ant2	5220	24.960	5207.840	5232.800	---	---
11A	Ant1	5240	19.600	5230.160	5249.760	---	---
11A	Ant2	5240	19.840	5230.080	5249.920	---	---
11A	Ant1	5745	23.960	5733.040	5757.000	---	---
11A	Ant2	5745	24.480	5732.720	5757.200	---	---
11A	Ant1	5785	23.920	5773.320	5797.240	---	---
11A	Ant2	5785	23.280	5773.240	5796.520	---	---
11A	Ant1	5825	23.520	5813.280	5836.800	---	---
11A	Ant2	5825	24.000	5813.120	5837.120	---	---
11N20SISO	Ant1	5180	25.360	5166.680	5192.040	---	---
11N20SISO	Ant2	5180	24.680	5167.880	5192.560	---	---
11N20SISO	Ant1	5220	26.240	5206.680	5232.920	---	---
11N20SISO	Ant2	5220	25.400	5206.760	5232.160	---	---
11N20SISO	Ant1	5240	20.160	5229.920	5250.080	---	---
11N20SISO	Ant2	5240	19.960	5230.000	5249.960	---	---
11N20SISO	Ant1	5745	25.800	5731.600	5757.400	---	---
11N20SISO	Ant2	5745	24.720	5732.200	5756.920	---	---
11N20SISO	Ant1	5785	25.280	5772.160	5797.440	---	---
11N20SISO	Ant2	5785	25.320	5771.680	5797.000	---	---
11N20SISO	Ant1	5825	25.040	5811.680	5836.720	---	---
11N20SISO	Ant2	5825	26.720	5811.280	5838.000	---	---
11N40SISO	Ant1	5190	40.000	5169.920	5209.920	---	---
11N40SISO	Ant2	5190	39.360	5170.320	5209.680	---	---
11N40SISO	Ant1	5230	39.920	5210.080	5250.000	---	---
11N40SISO	Ant2	5230	39.840	5210.240	5250.080	---	---
11N40SISO	Ant1	5755	39.920	5734.920	5774.840	---	---
11N40SISO	Ant2	5755	40.000	5735.080	5775.080	---	---
11N40SISO	Ant1	5795	39.920	5775.000	5814.920	---	---
11N40SISO	Ant2	5795	40.080	5774.920	5815.000	---	---
11AC20SISO	Ant1	5180	25.040	5167.360	5192.400	---	---
11AC20SISO	Ant2	5180	22.760	5168.800	5191.560	---	---
11AC20SISO	Ant1	5220	24.080	5207.880	5231.960	---	---

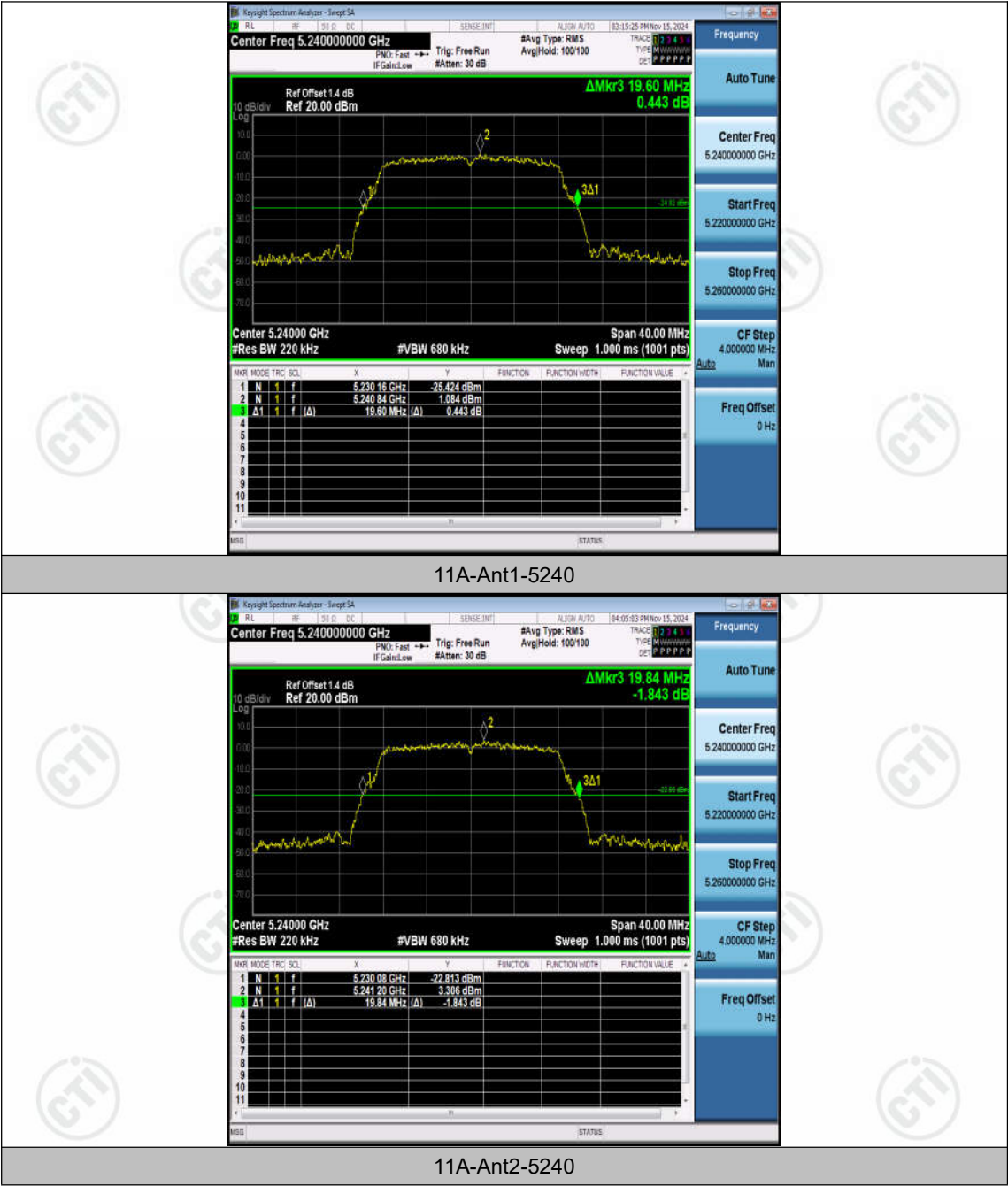
11AC20SISO	Ant2	5220	23.880	5207.960	5231.840	---	---
11AC20SISO	Ant1	5240	20.200	5229.880	5250.080	---	---
11AC20SISO	Ant2	5240	20.080	5229.920	5250.000	---	---
11AC20SISO	Ant1	5745	24.720	5732.800	5757.520	---	---
11AC20SISO	Ant2	5745	25.040	5732.880	5757.920	---	---
11AC20SISO	Ant1	5785	25.080	5772.720	5797.800	---	---
11AC20SISO	Ant2	5785	23.080	5773.400	5796.480	---	---
11AC20SISO	Ant1	5825	24.480	5812.560	5837.040	---	---
11AC20SISO	Ant2	5825	25.080	5813.240	5838.320	---	---
11AC40SISO	Ant1	5190	39.920	5170.240	5210.160	---	---
11AC40SISO	Ant2	5190	39.280	5170.400	5209.680	---	---
11AC40SISO	Ant1	5230	40.080	5210.000	5250.080	---	---
11AC40SISO	Ant2	5230	39.440	5210.160	5249.600	---	---
11AC40SISO	Ant1	5755	39.440	5735.240	5774.680	---	---
11AC40SISO	Ant2	5755	39.520	5735.320	5774.840	---	---
11AC40SISO	Ant1	5795	39.520	5775.240	5814.760	---	---
11AC40SISO	Ant2	5795	39.200	5775.400	5814.600	---	---
11AC80SISO	Ant1	5210	79.680	5170.160	5249.840	---	---
11AC80SISO	Ant2	5210	78.880	5170.480	5249.360	---	---
11AC80SISO	Ant1	5775	79.680	5735.320	5815.000	---	---
11AC80SISO	Ant2	5775	78.880	5735.640	5814.520	---	---
11AX20SISO	Ant1	5180	22.000	5169.040	5191.040	---	---
11AX20SISO	Ant2	5180	22.200	5169.320	5191.520	---	---
11AX20SISO	Ant1	5220	23.480	5207.400	5230.880	---	---
11AX20SISO	Ant2	5220	22.200	5209.120	5231.320	---	---
11AX20SISO	Ant1	5240	19.920	5230.000	5249.920	---	---
11AX20SISO	Ant2	5240	19.960	5229.960	5249.920	---	---
11AX20SISO	Ant1	5745	22.280	5733.440	5755.720	---	---
11AX20SISO	Ant2	5745	22.400	5733.360	5755.760	---	---
11AX20SISO	Ant1	5785	22.760	5773.480	5796.240	---	---
11AX20SISO	Ant2	5785	22.680	5773.600	5796.280	---	---
11AX20SISO	Ant1	5825	27.240	5809.760	5837.000	---	---
11AX20SISO	Ant2	5825	21.640	5814.480	5836.120	---	---
11AX40SISO	Ant1	5190	39.520	5170.160	5209.680	---	---
11AX40SISO	Ant2	5190	39.360	5170.320	5209.680	---	---
11AX40SISO	Ant1	5230	39.280	5210.400	5249.680	---	---
11AX40SISO	Ant2	5230	39.600	5210.160	5249.760	---	---
11AX40SISO	Ant2	5755	39.200	5735.480	5774.680	---	---
11AX40SISO	Ant1	5755	39.360	5735.480	5774.840	---	---
11AX40SISO	Ant2	5795	39.200	5775.480	5814.680	---	---
11AX40SISO	Ant1	5795	39.440	5775.320	5814.760	---	---

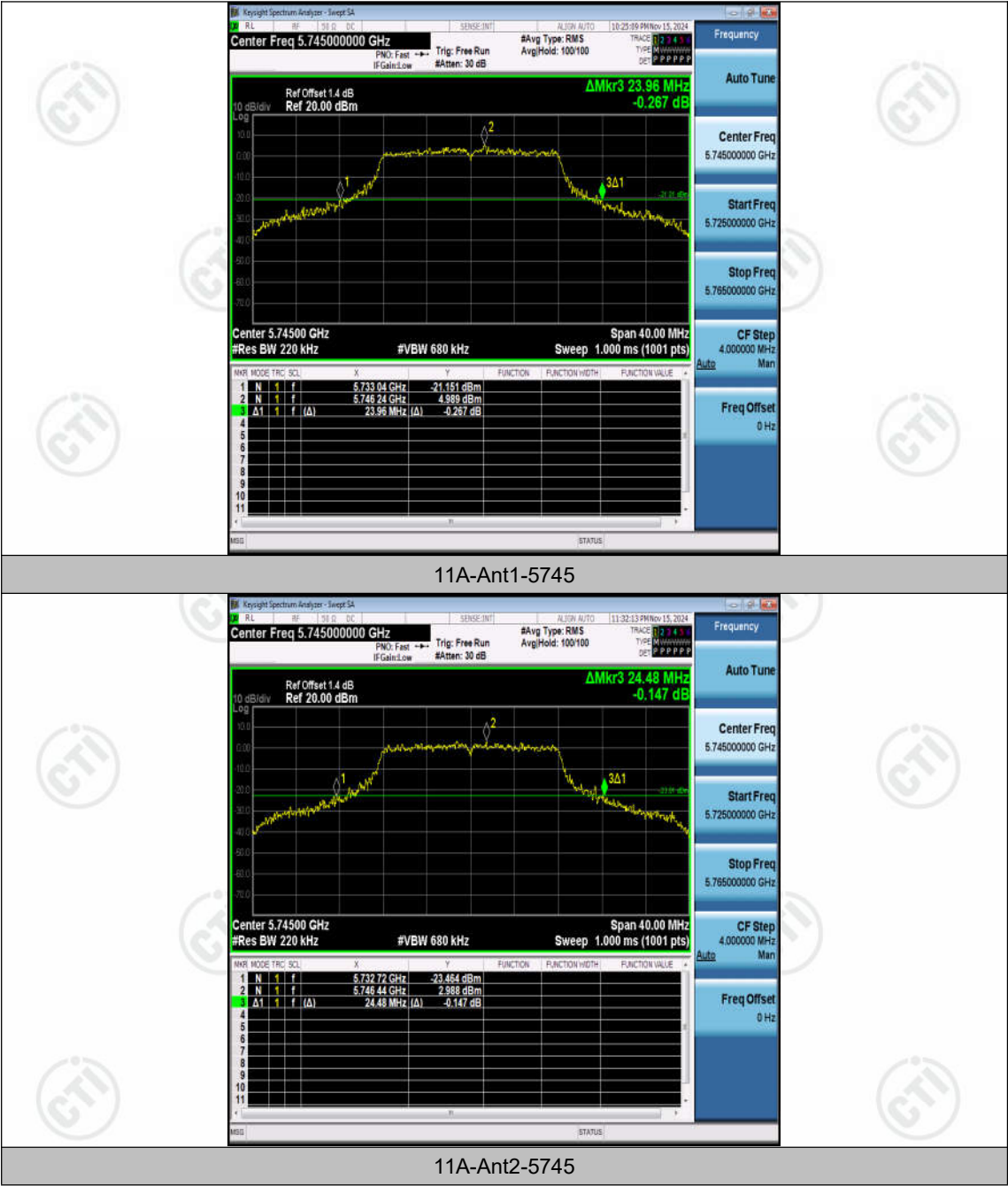
11AX80SISO	Ant1	5210	80.000	5170.000	5250.000	---	---
11AX80SISO	Ant2	5210	80.000	5170.000	5250.000	---	---
11AX80SISO	Ant1	5775	80.000	5735.000	5815.000	---	---
11AX80SISO	Ant2	5775	80.000	5735.000	5815.000	---	---

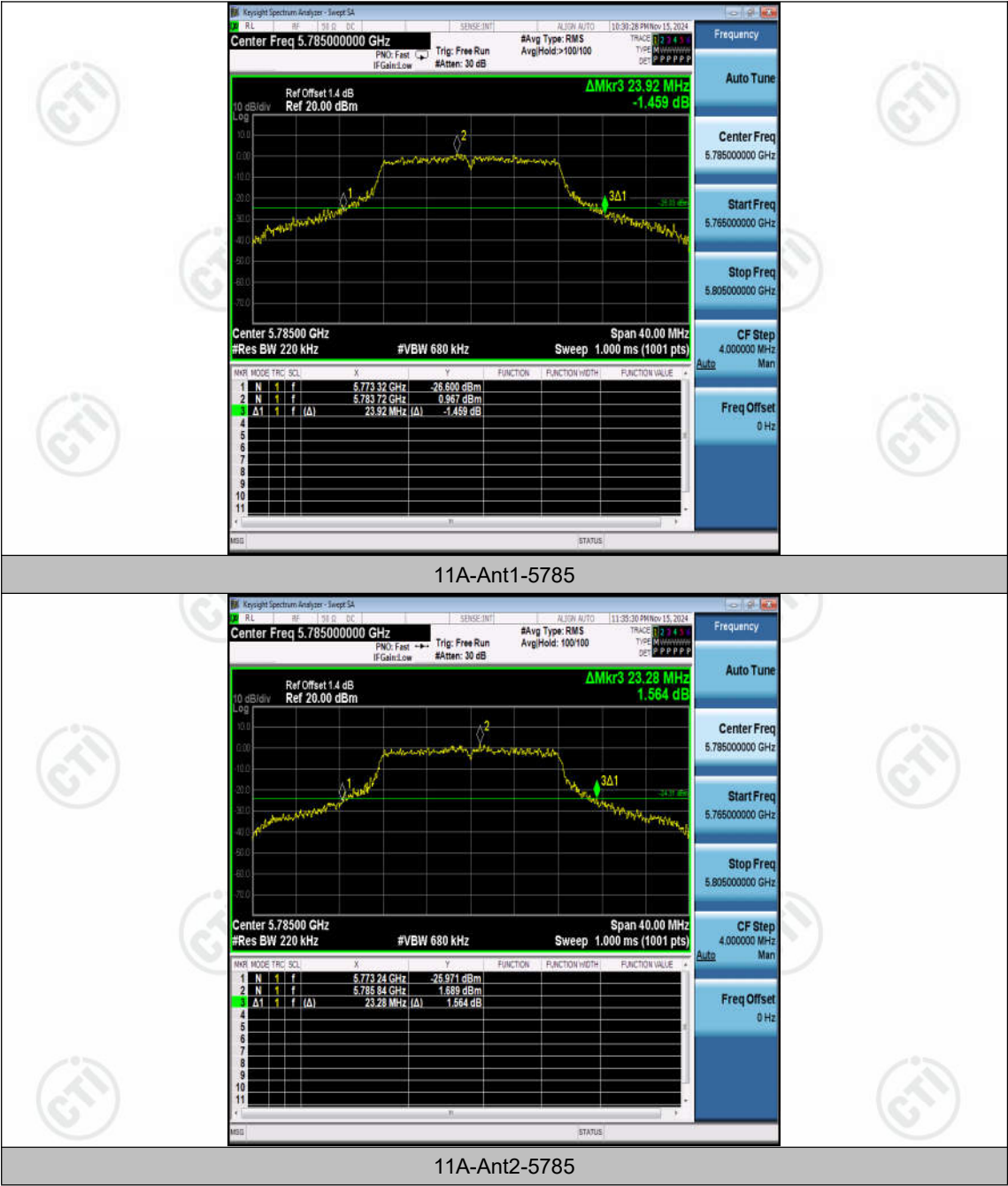
Test Graphs

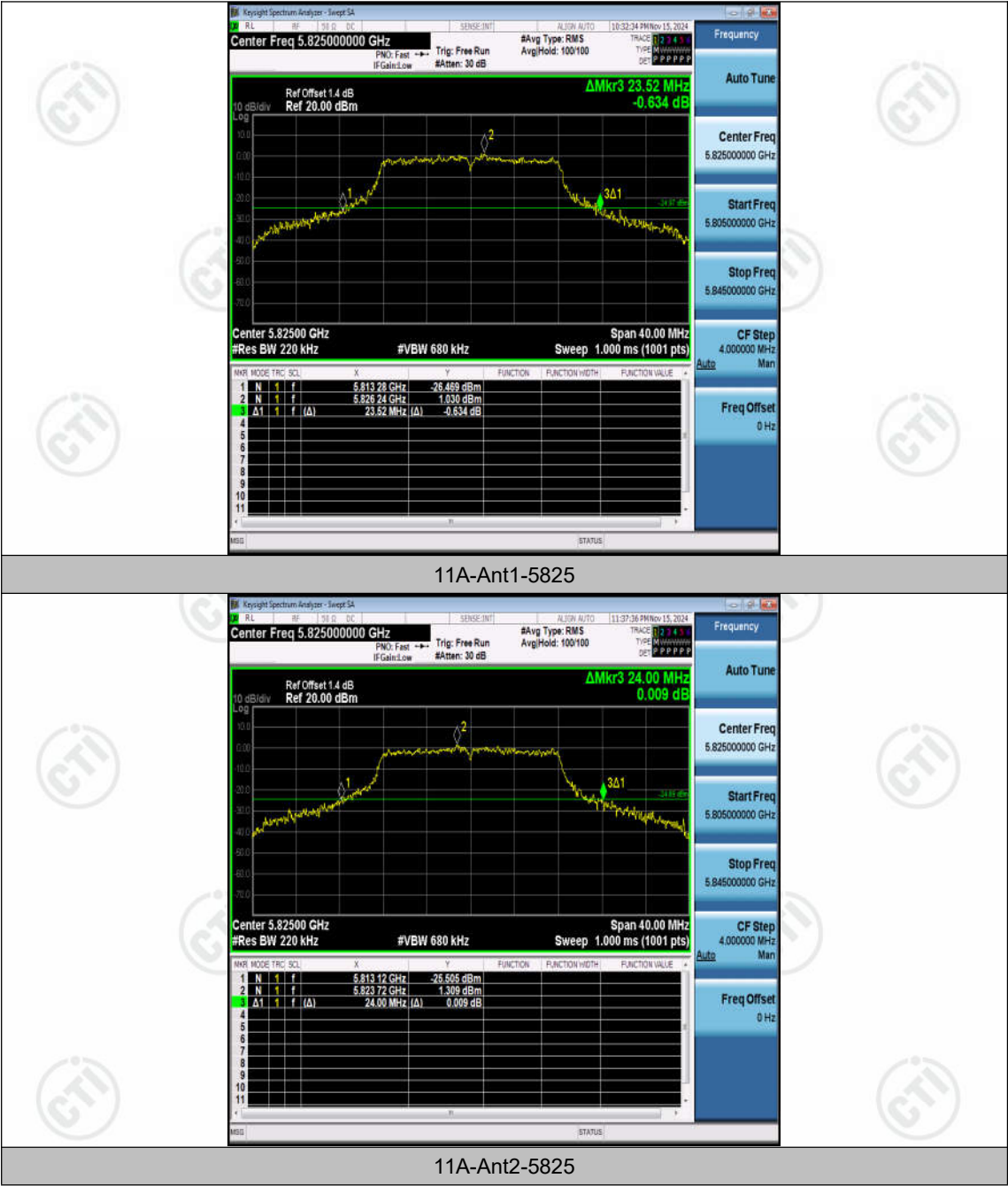


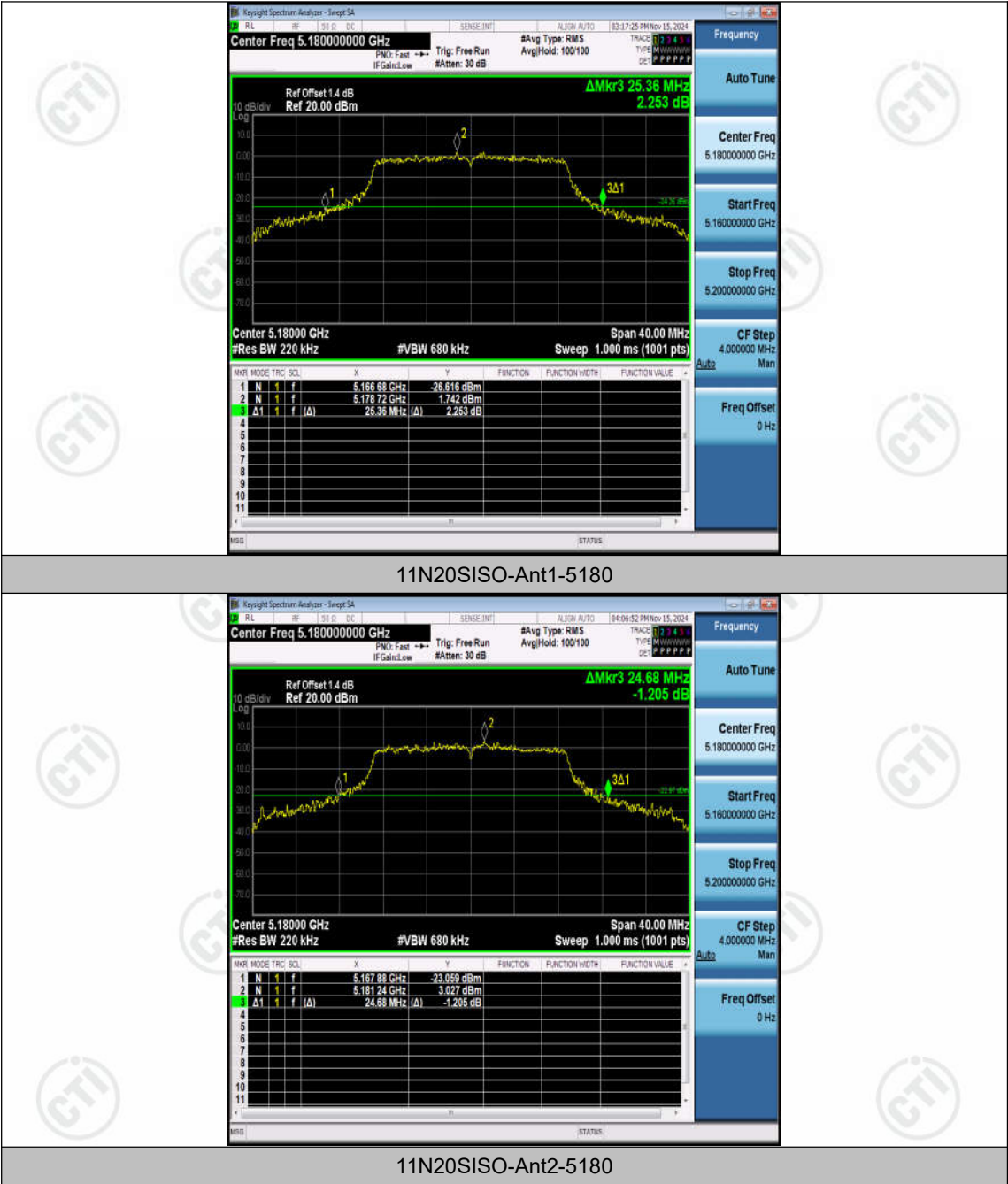


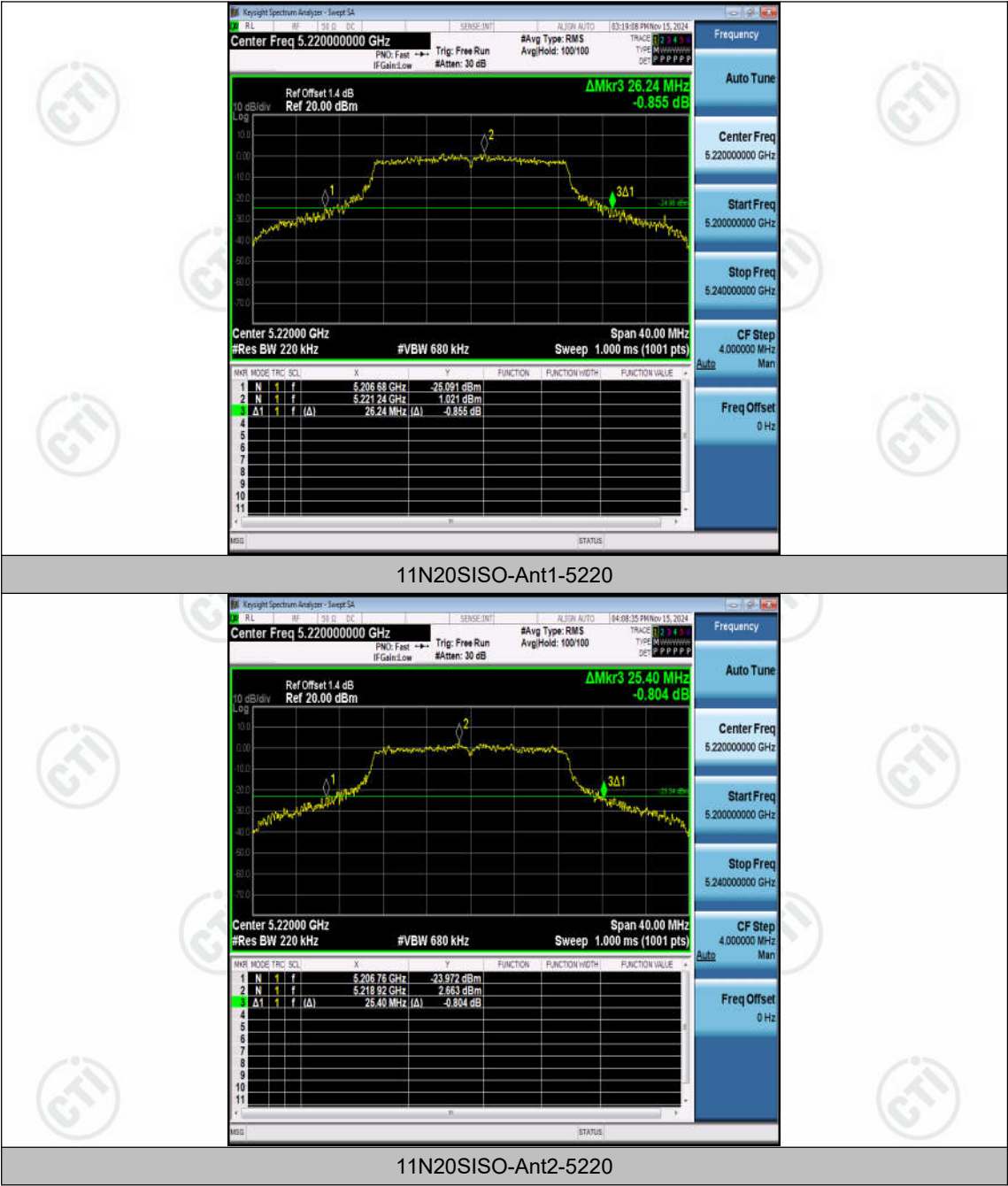


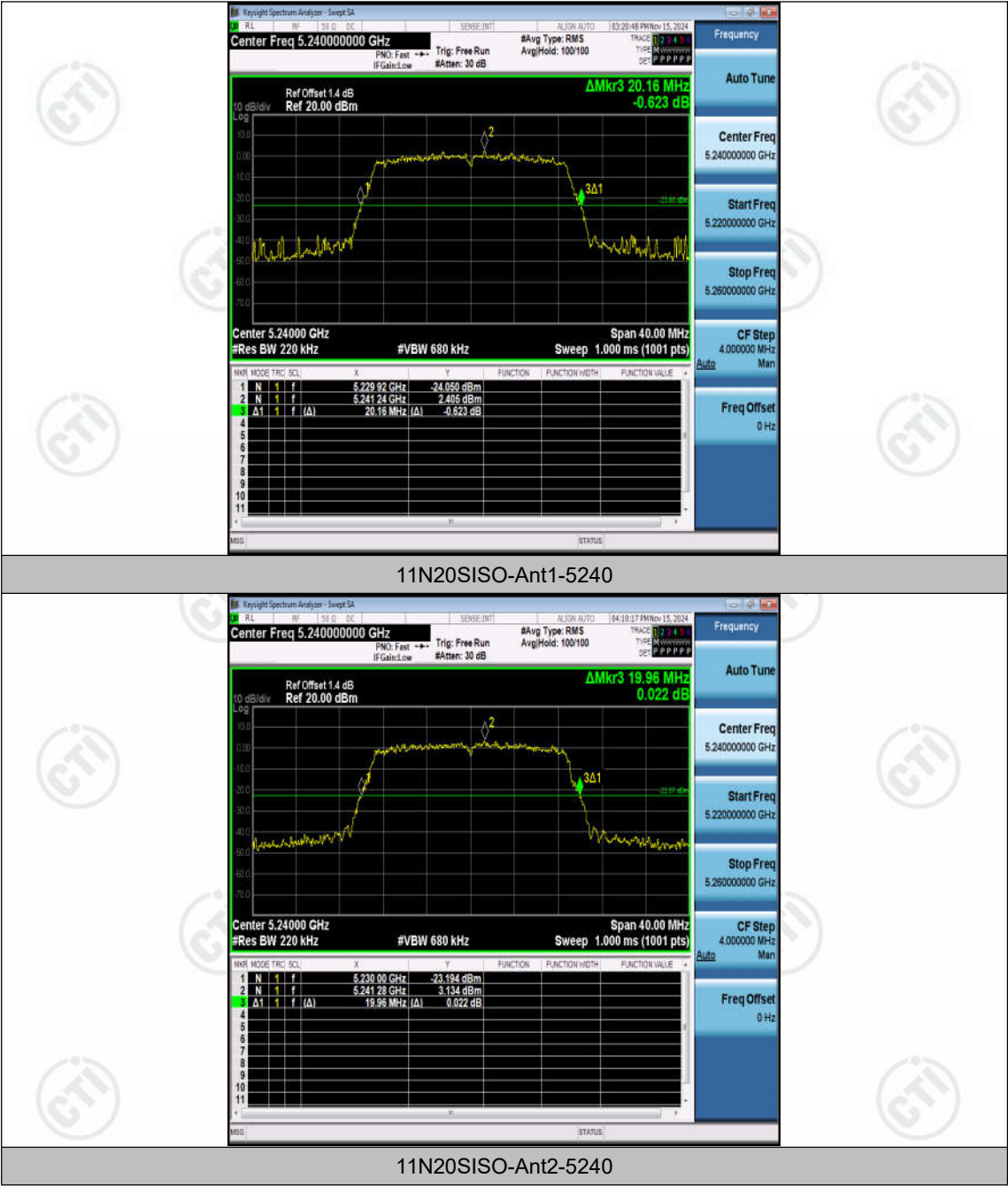


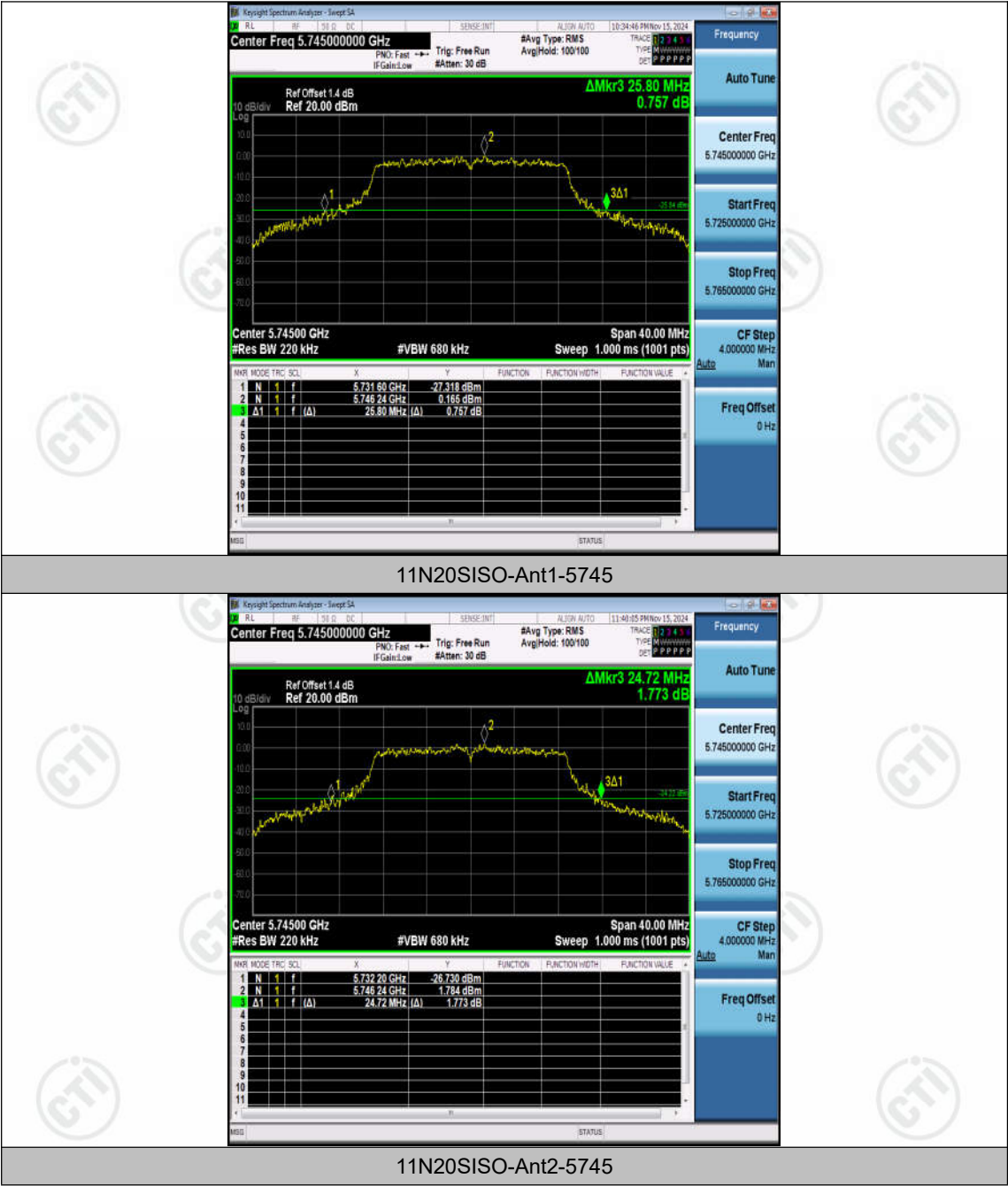


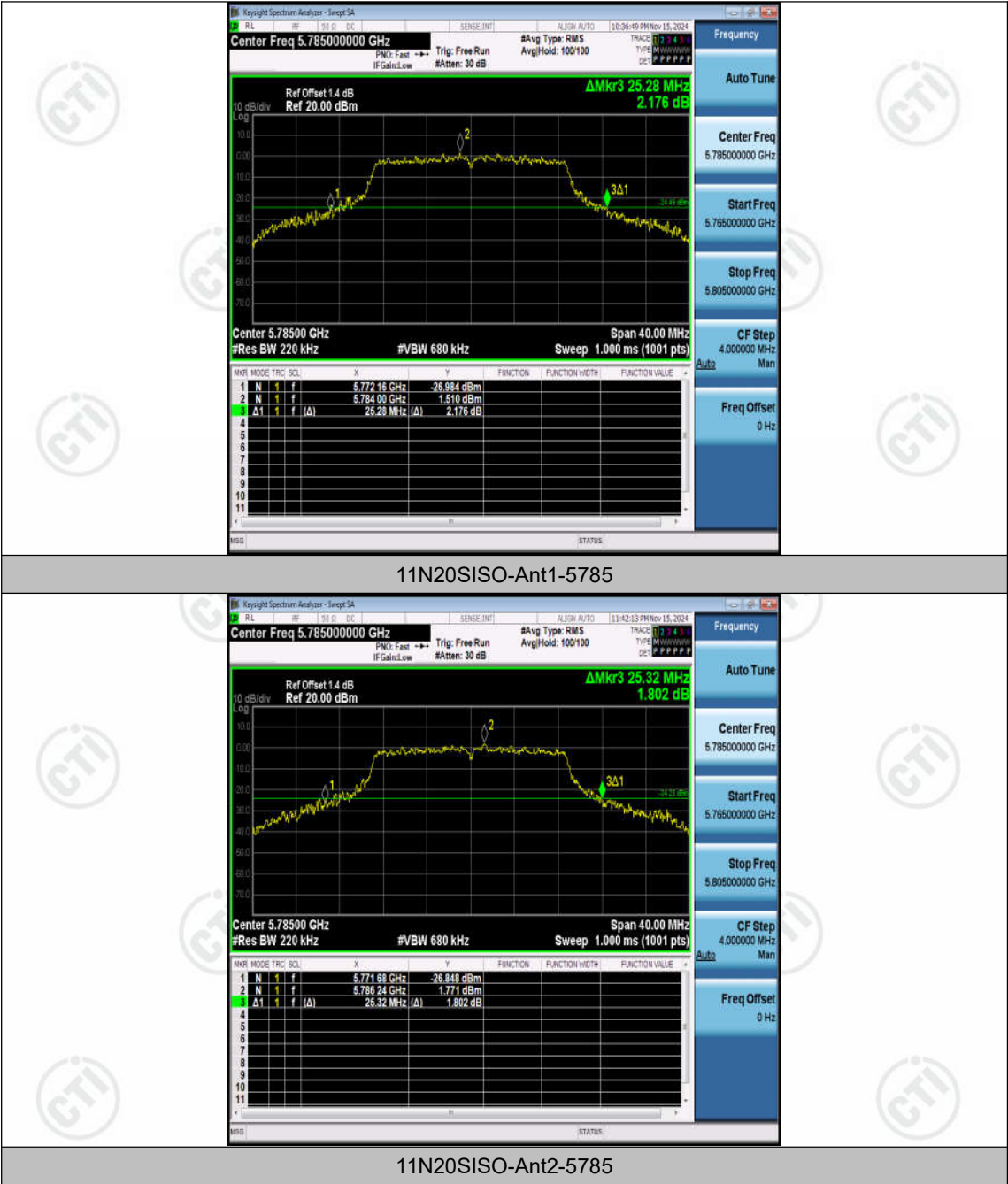


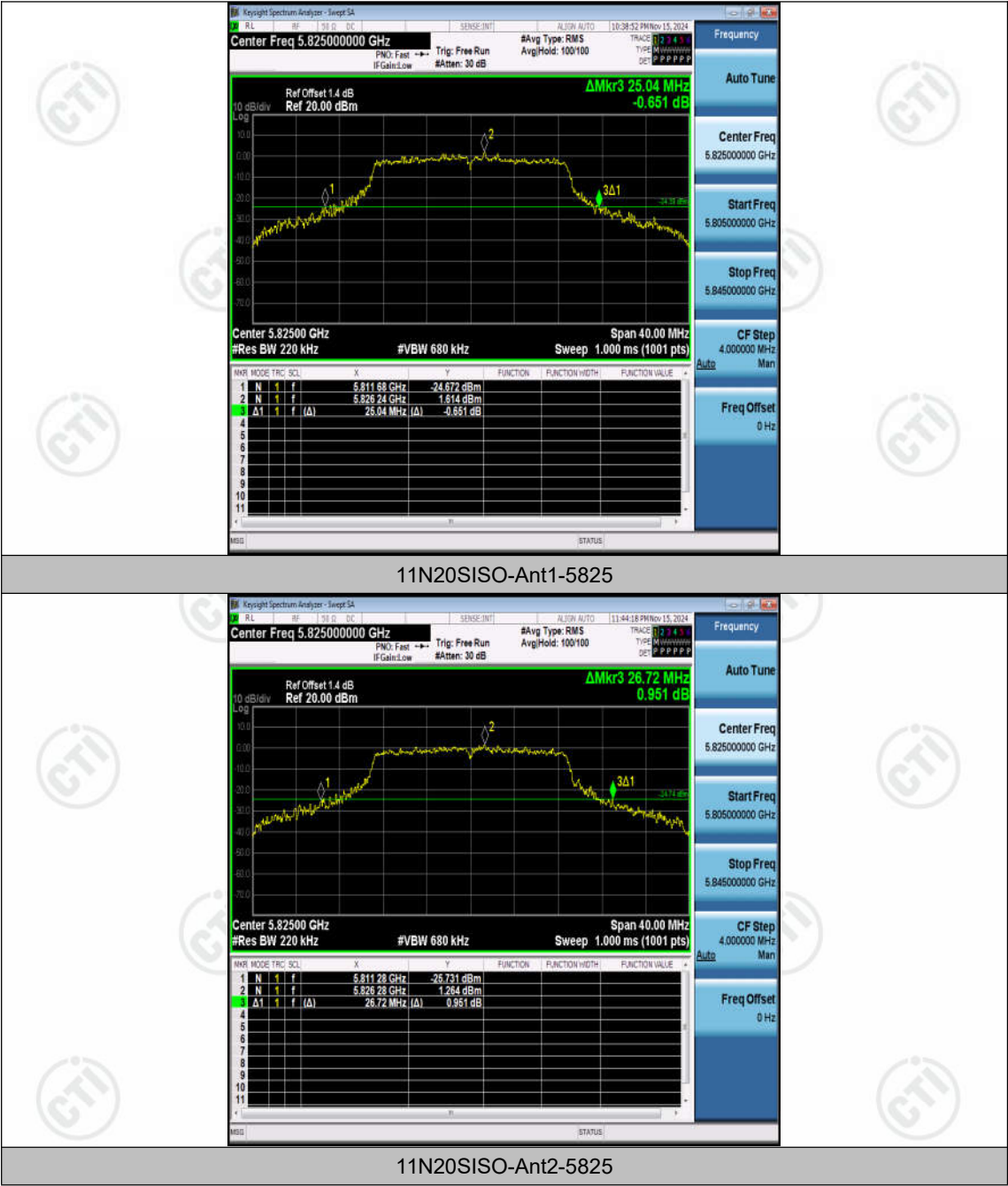


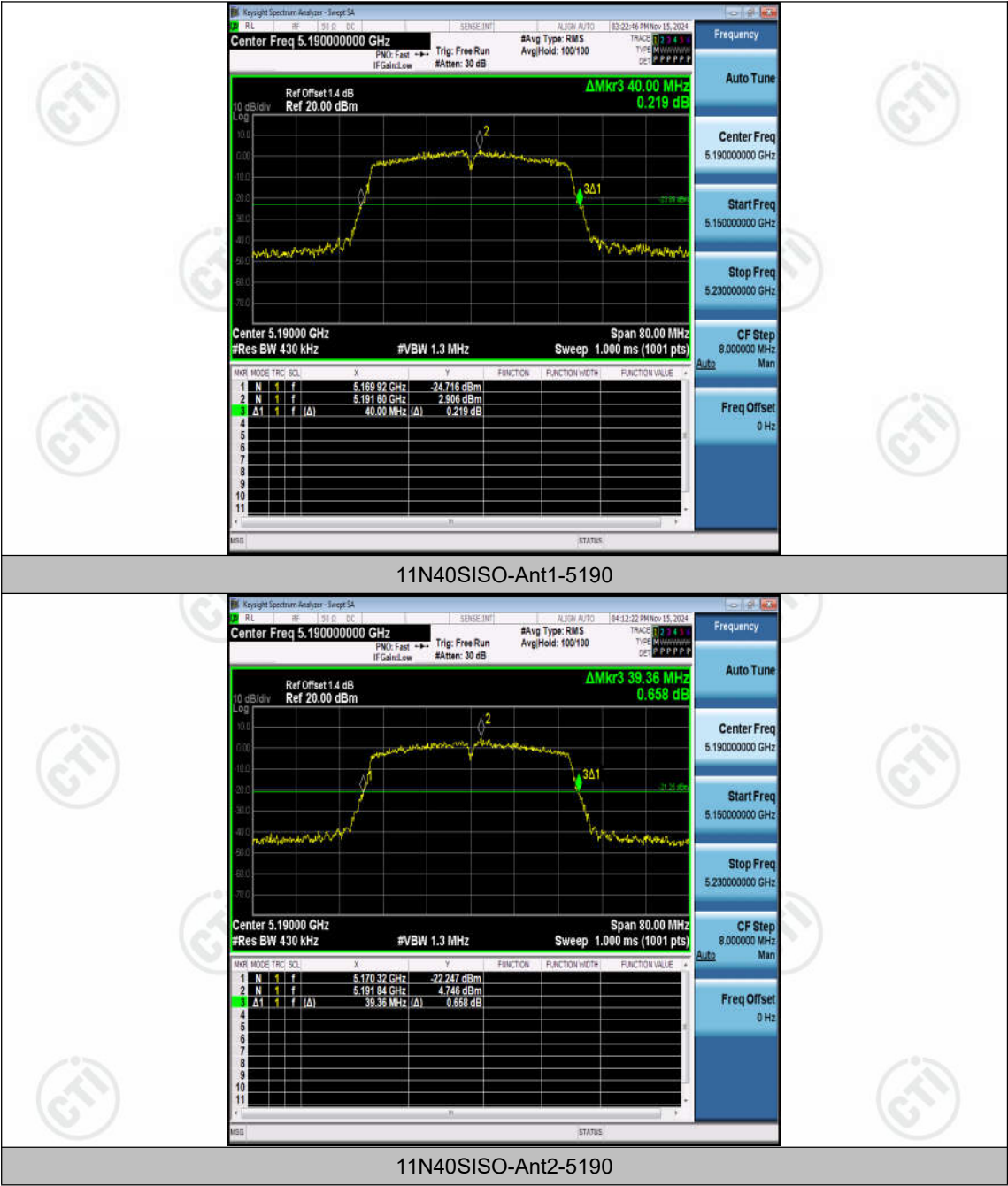


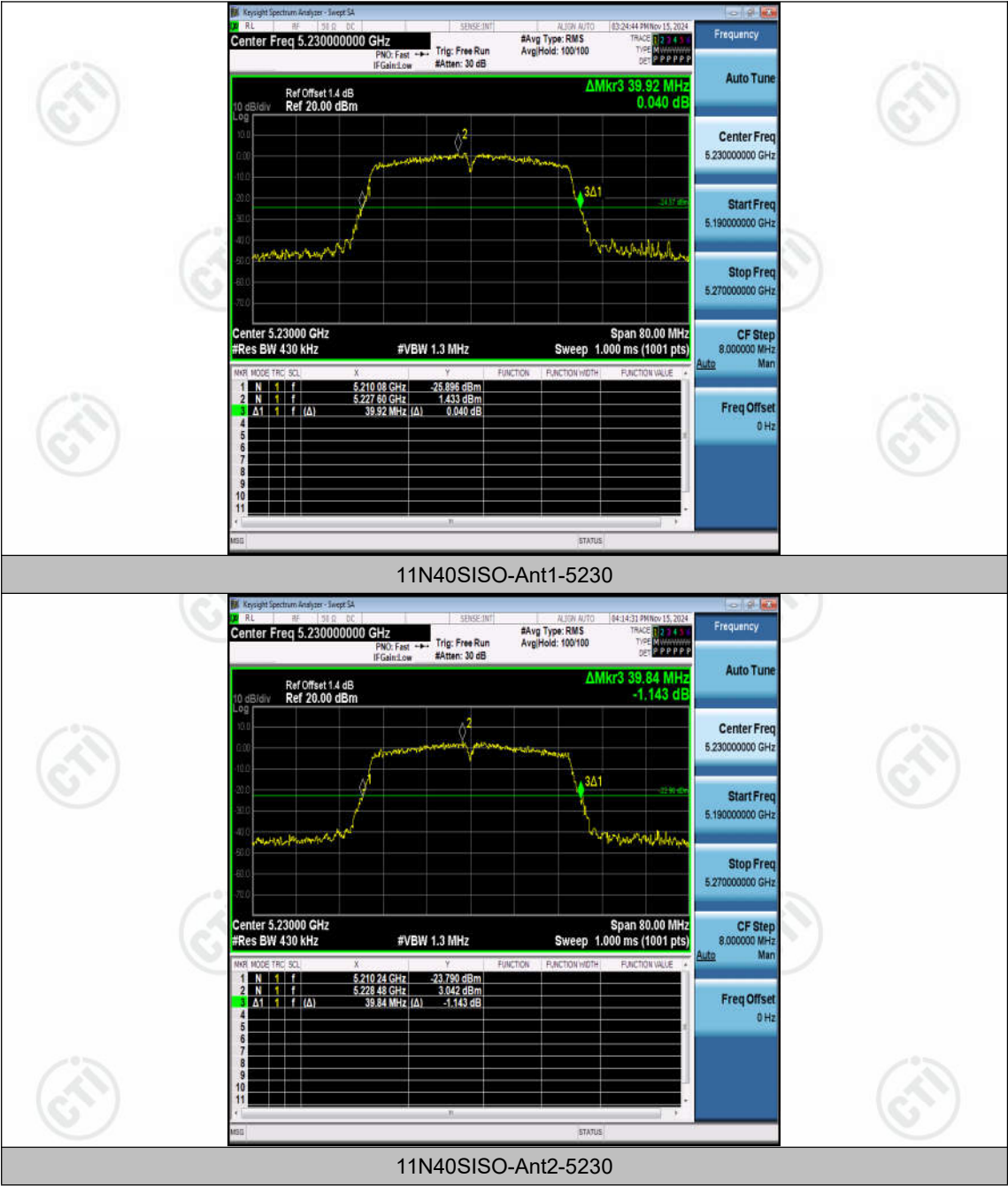


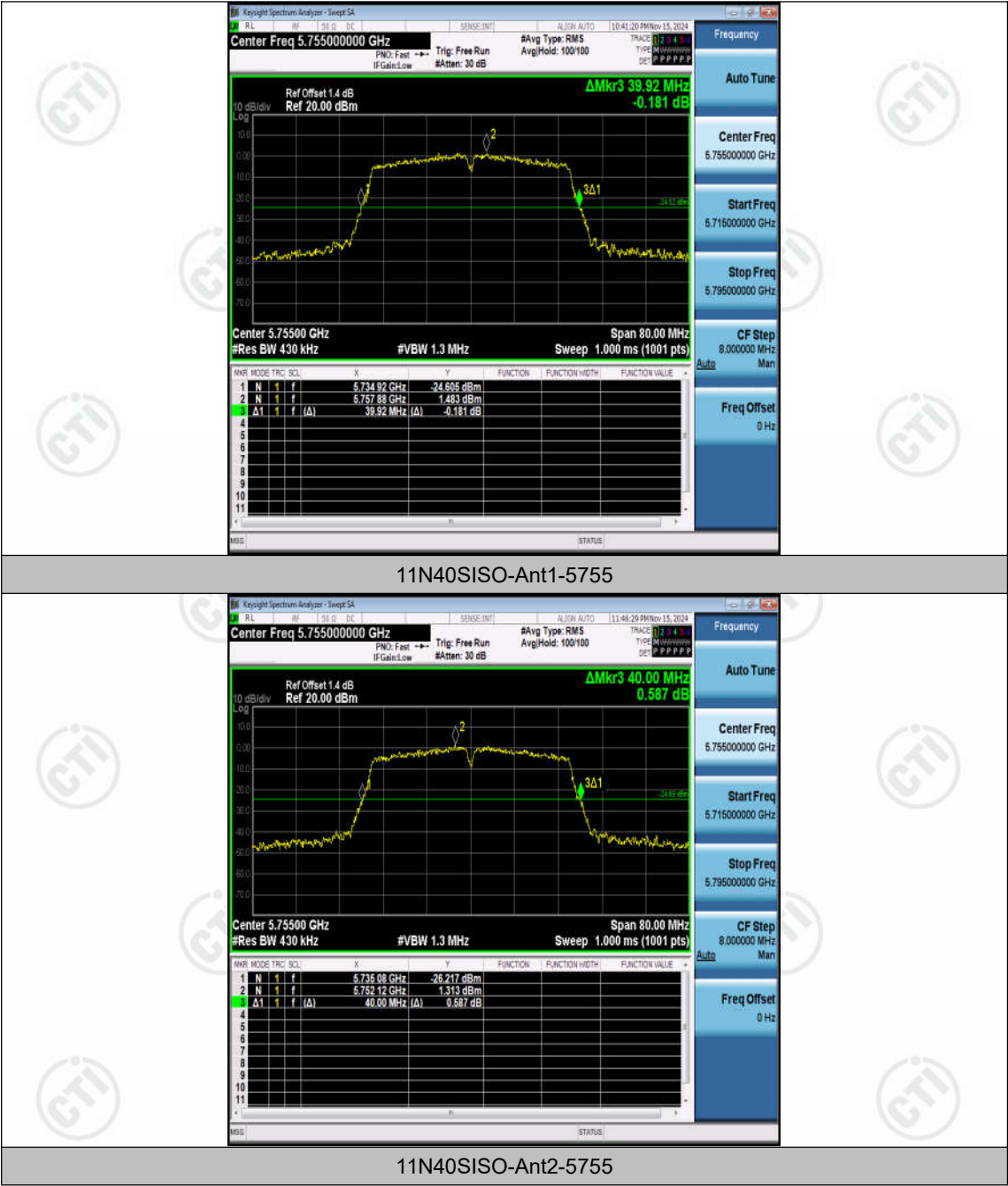


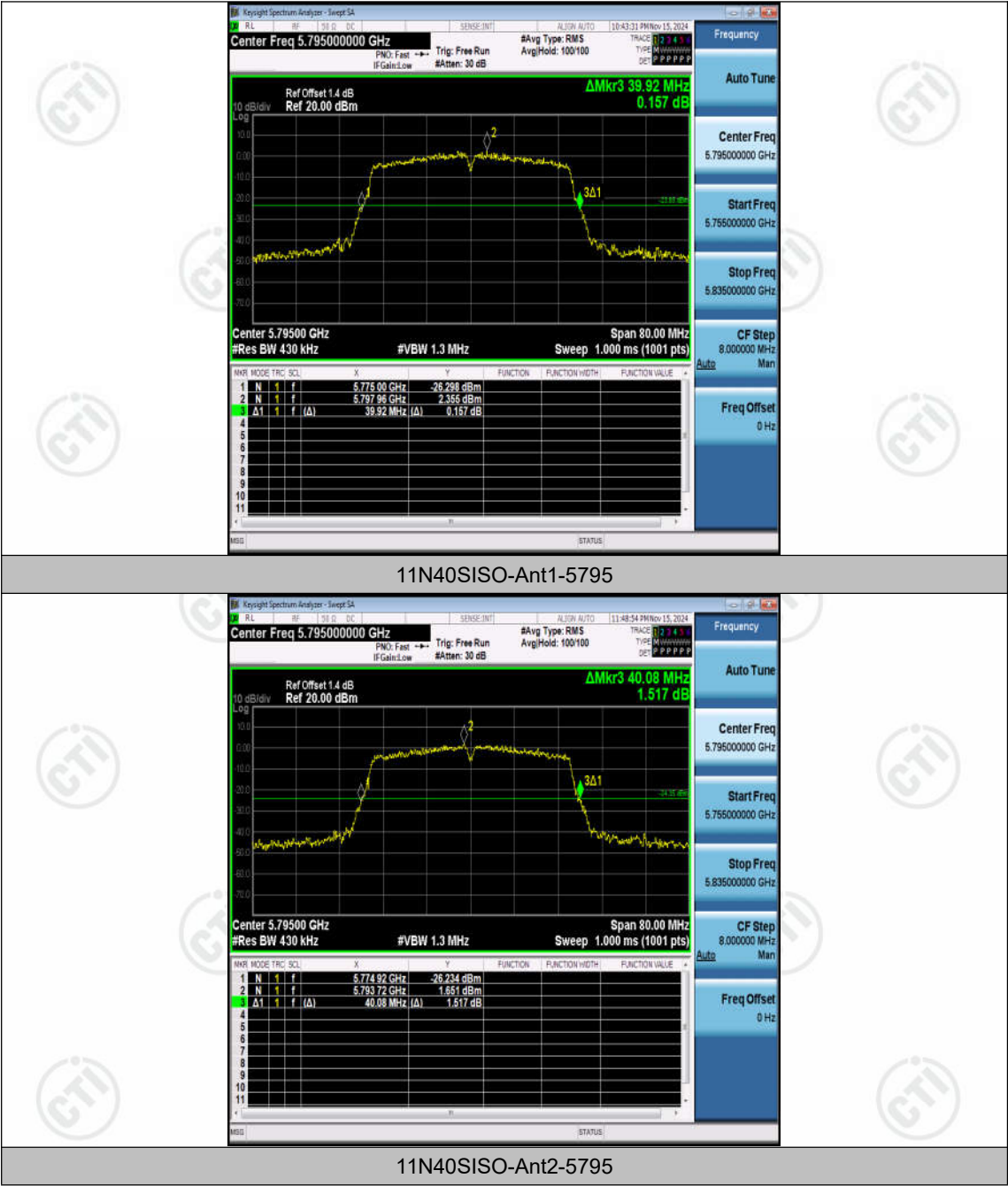


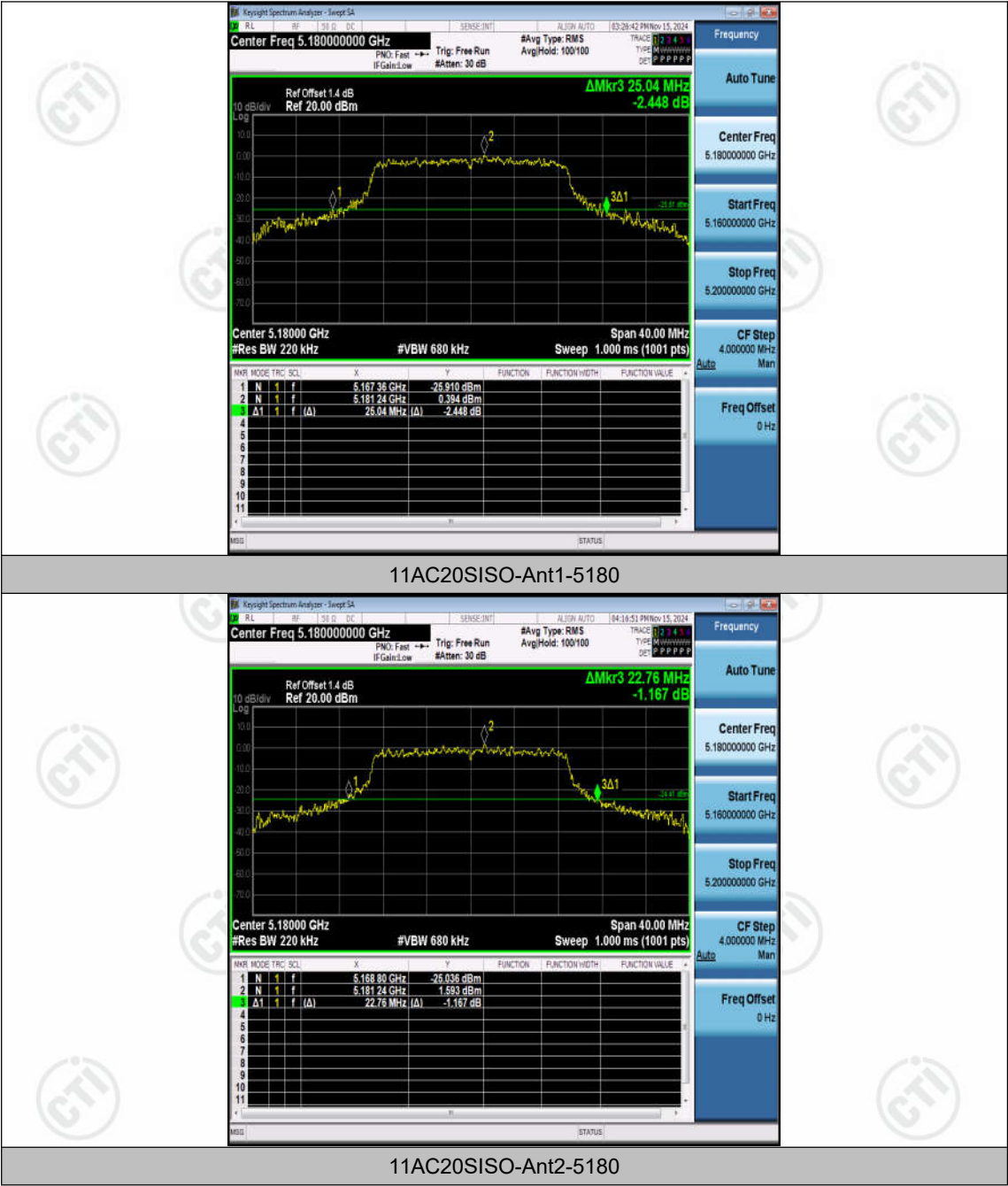


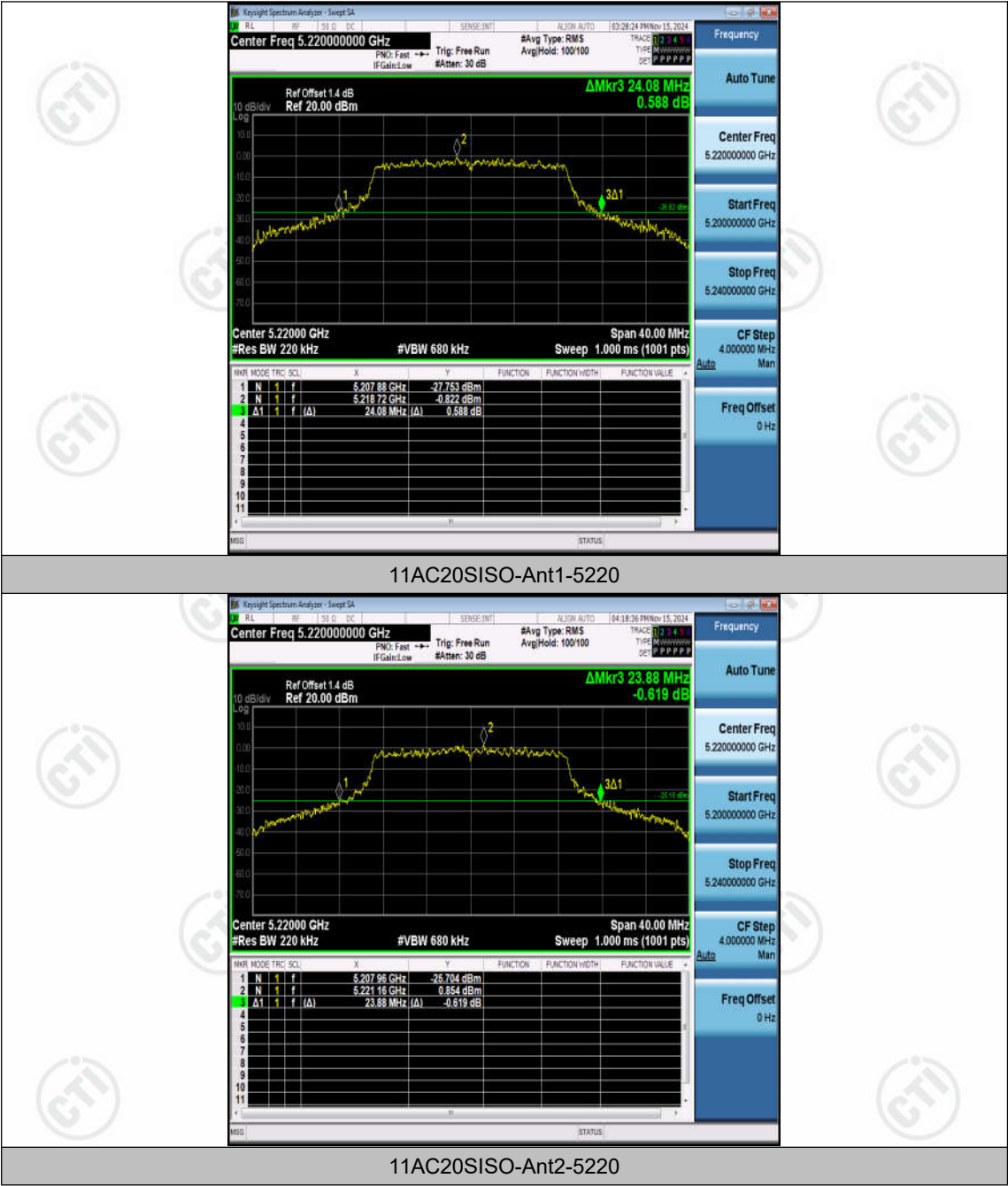


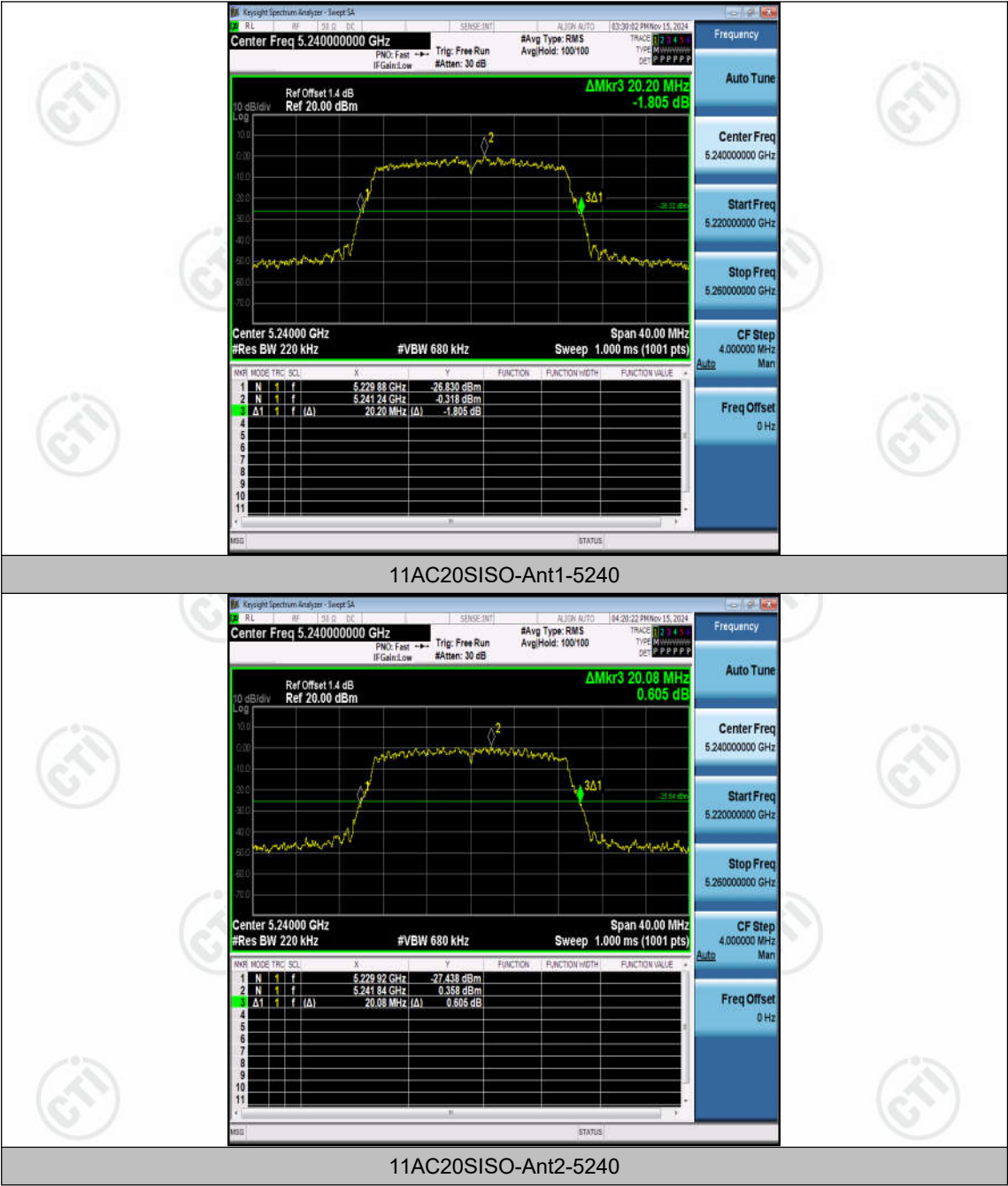


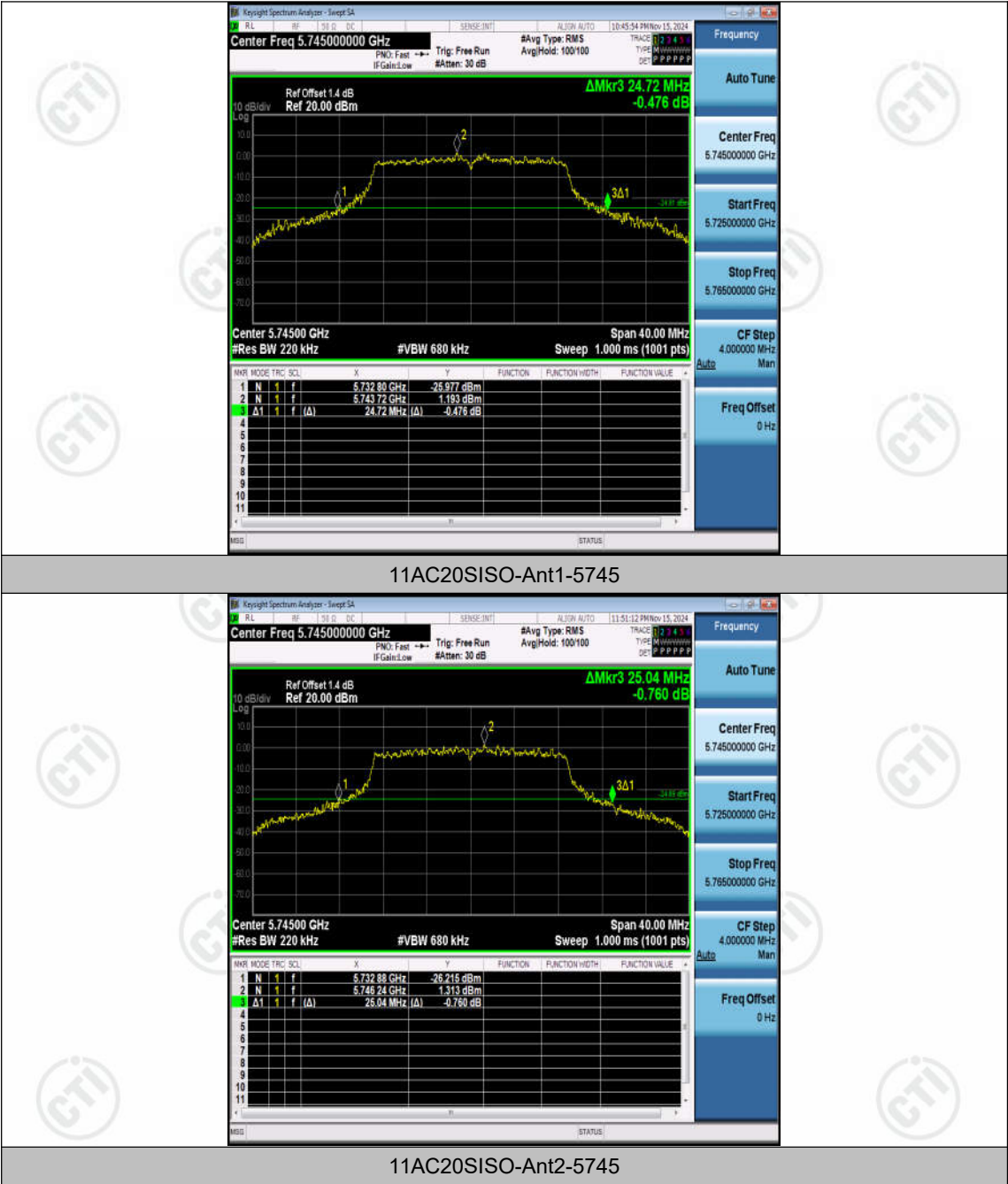


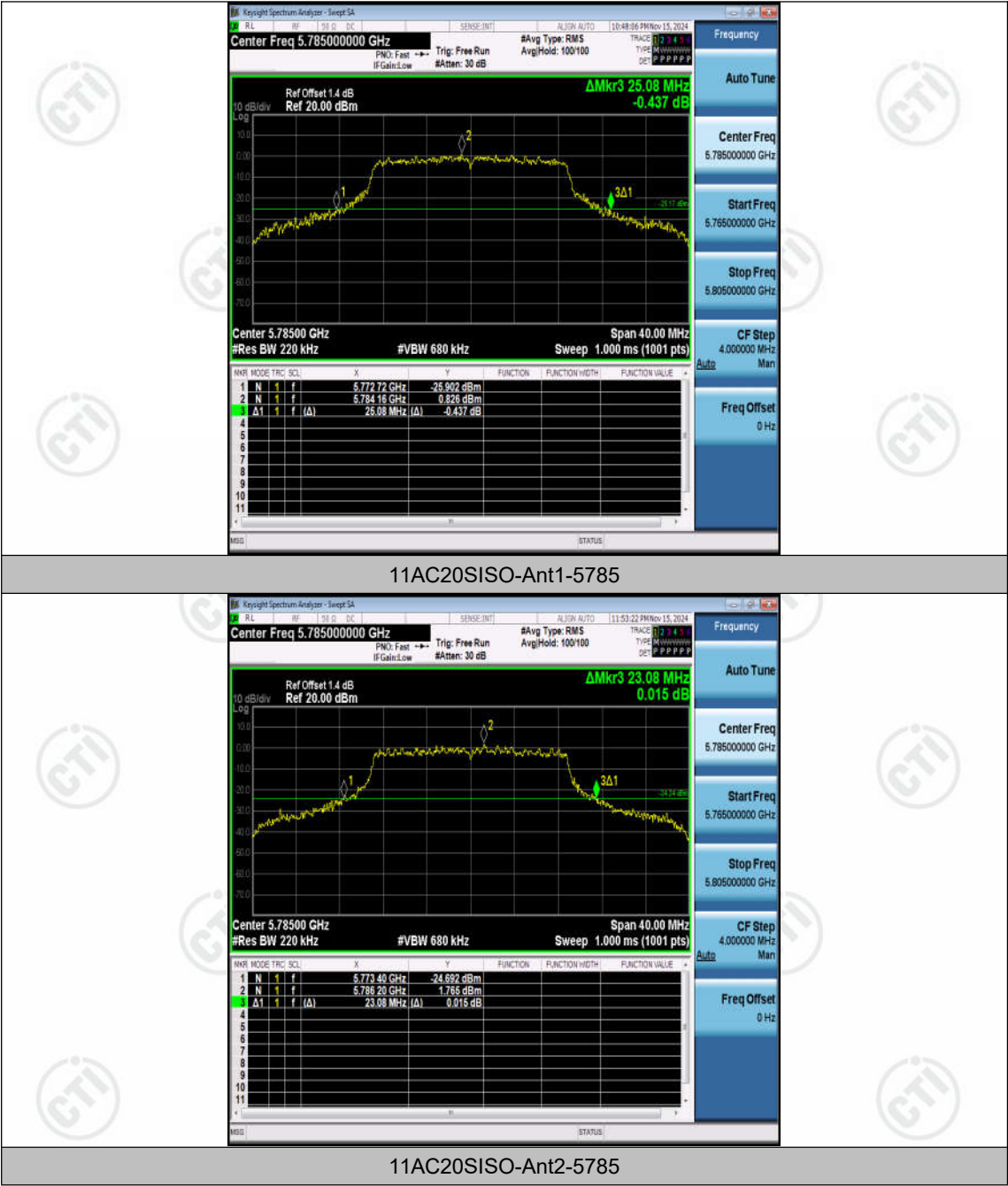


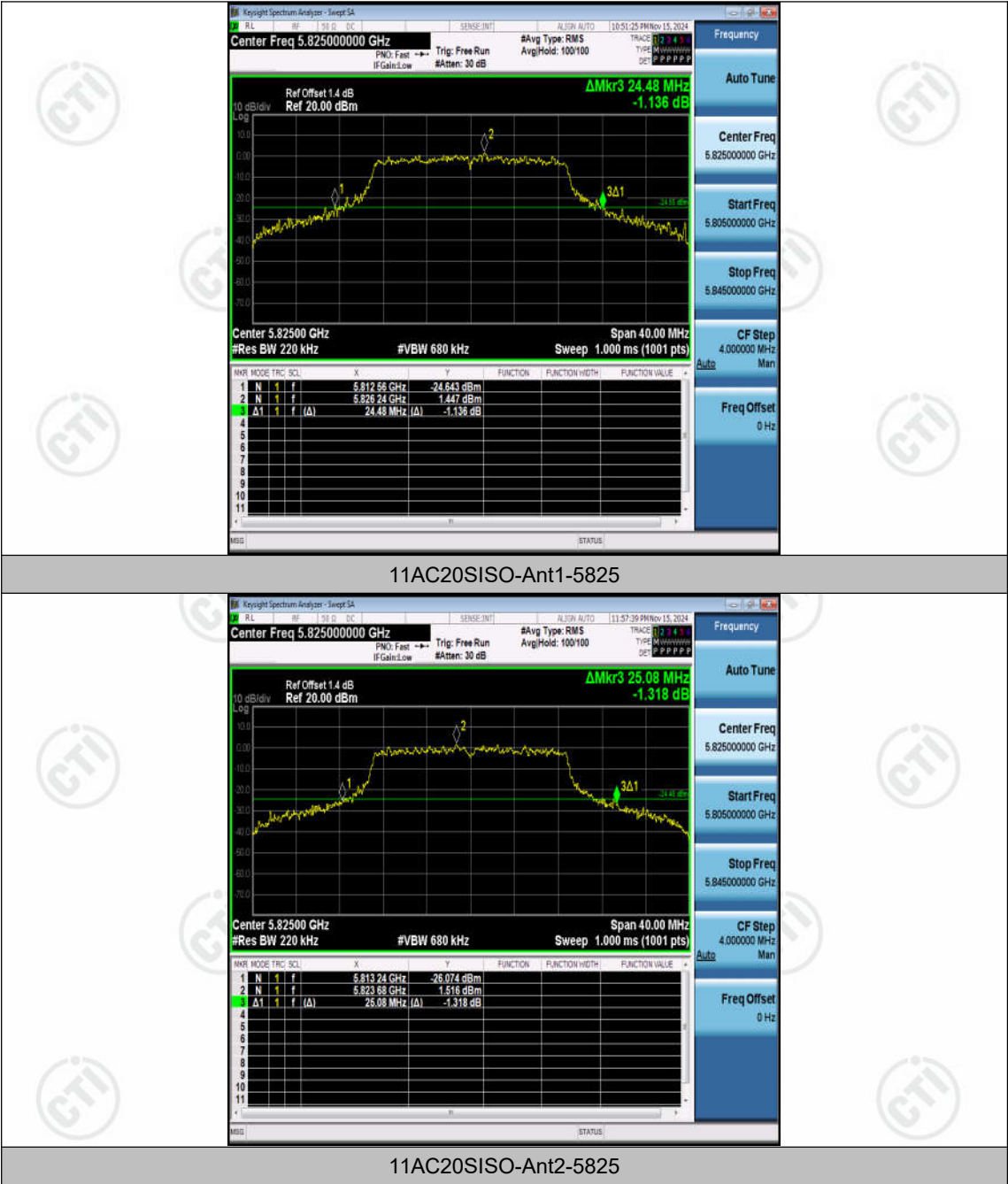


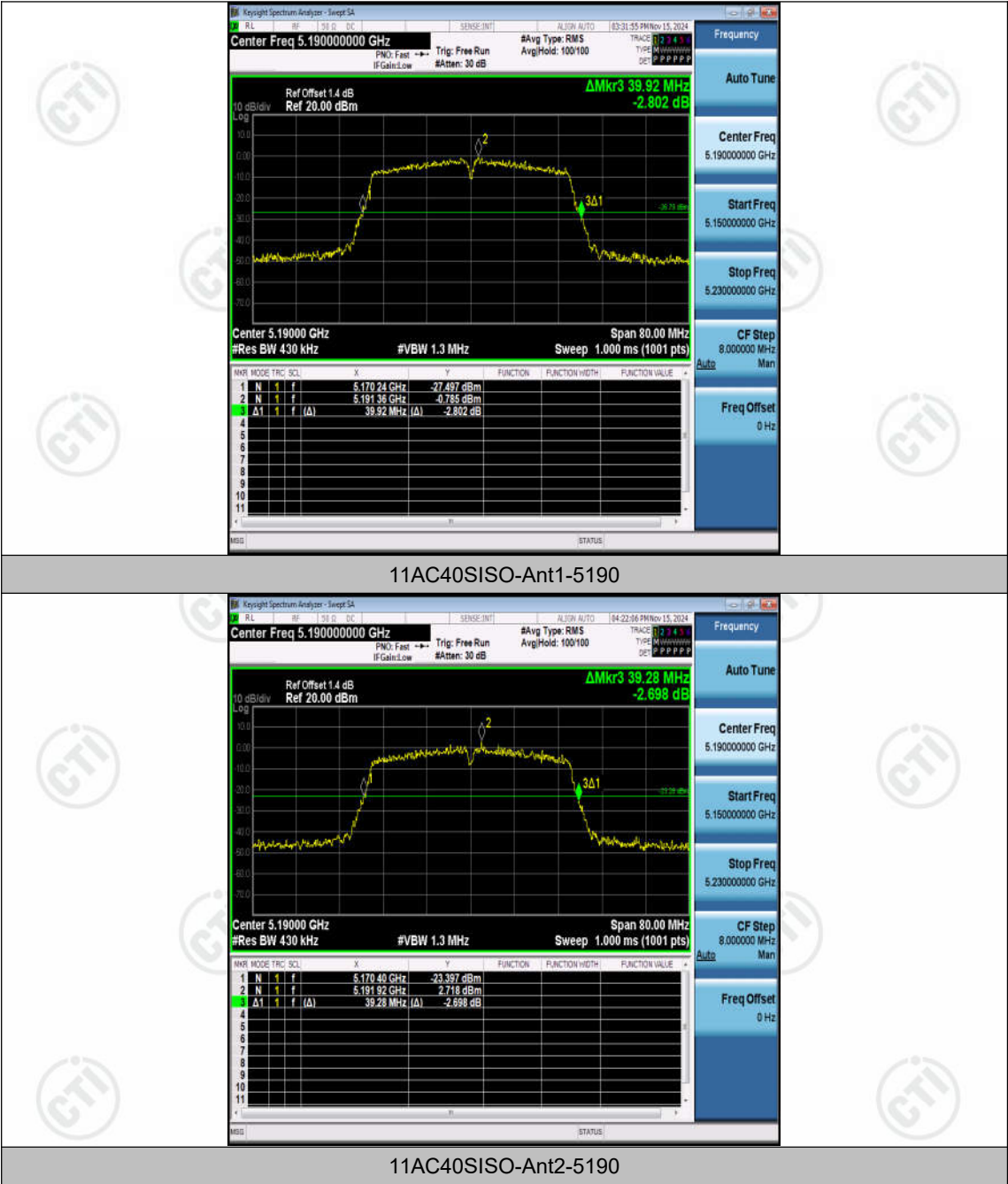


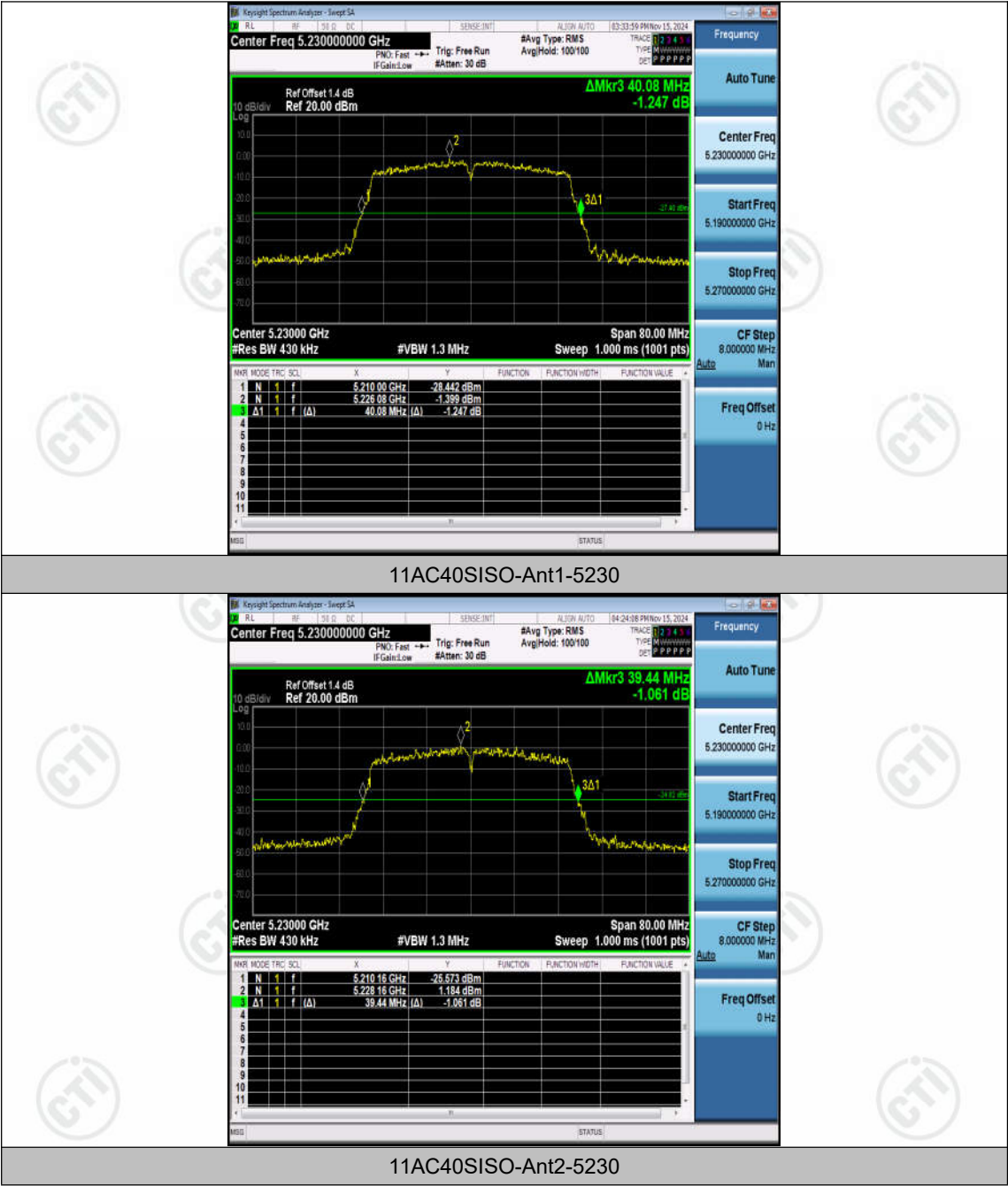


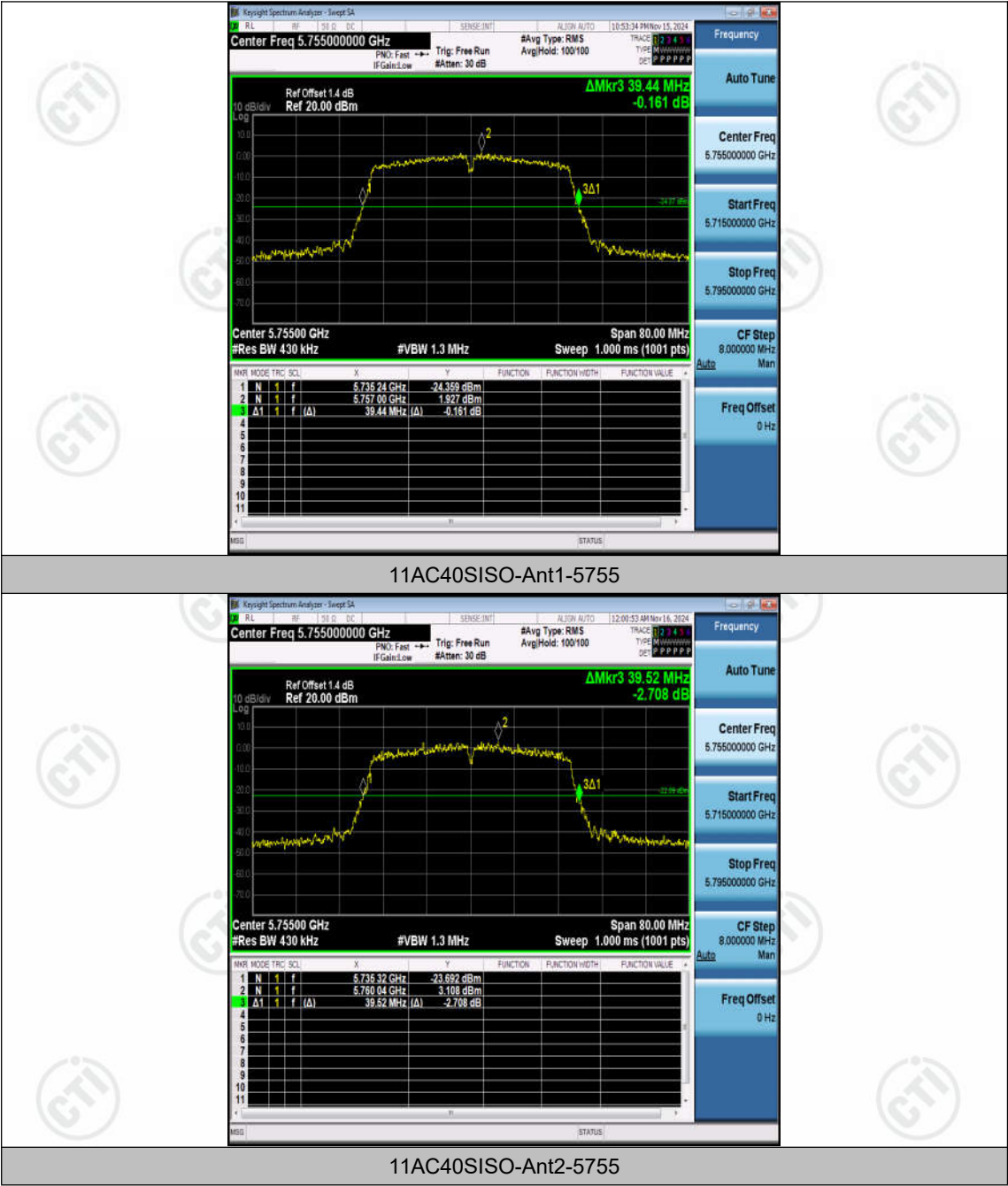


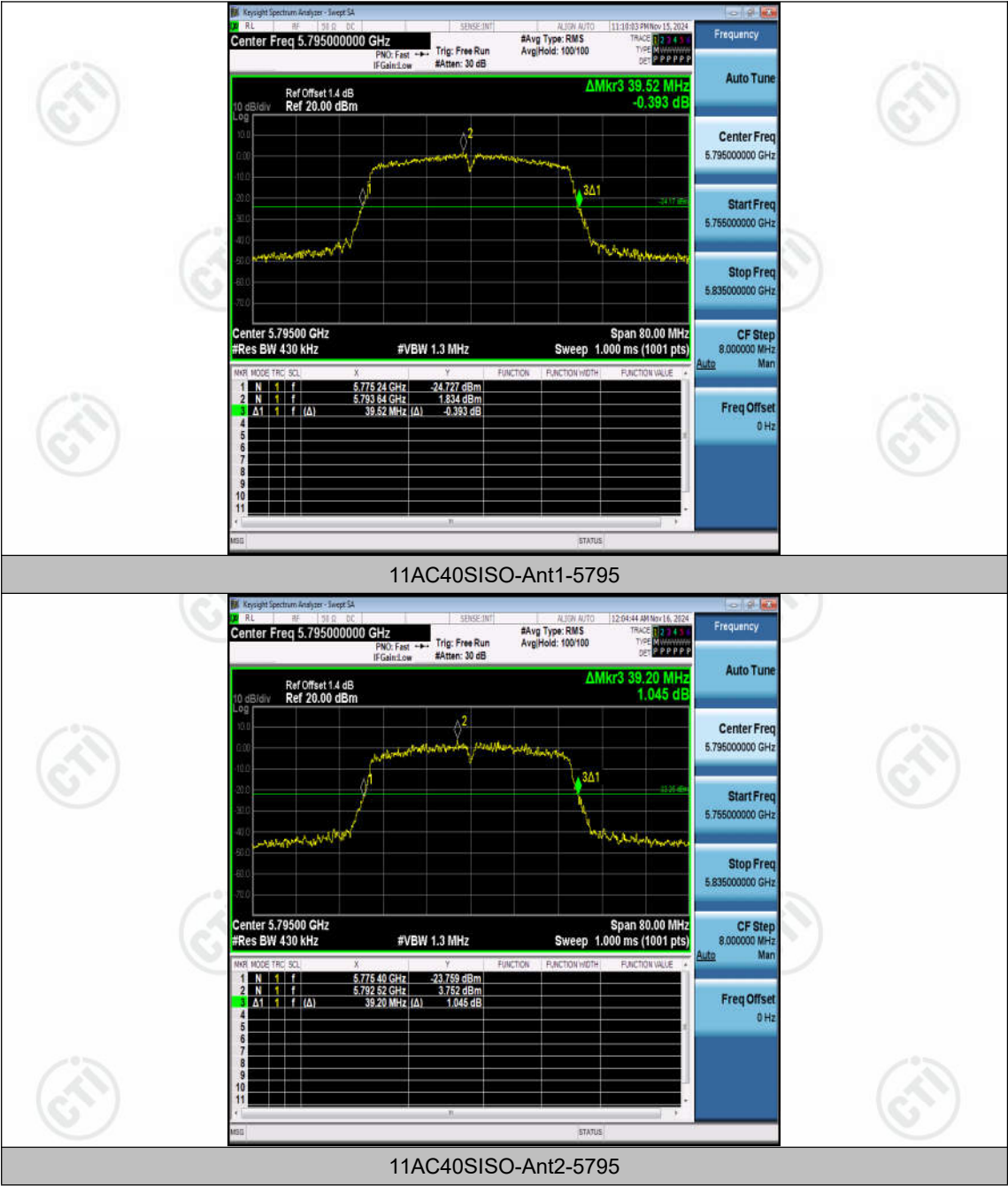


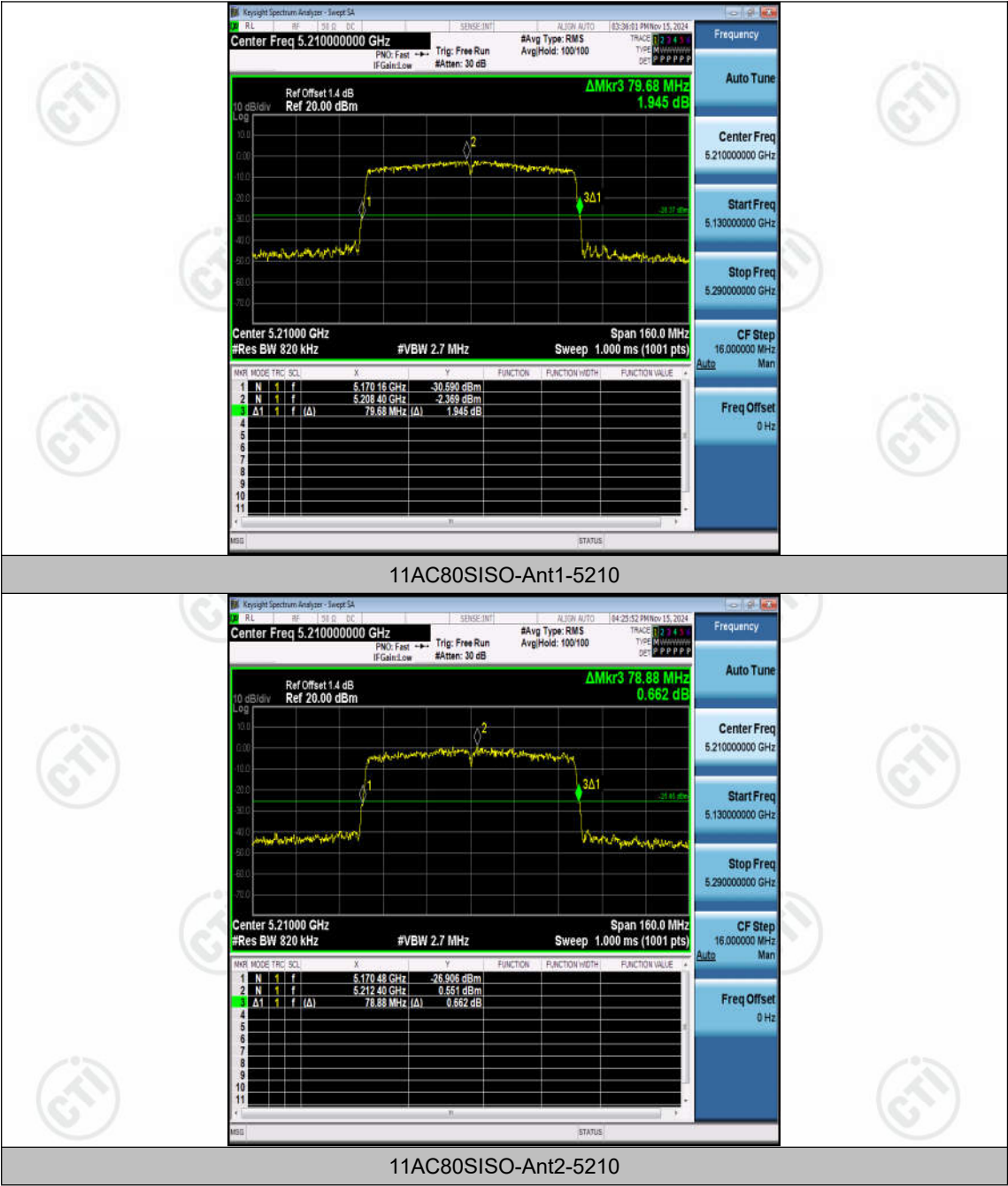


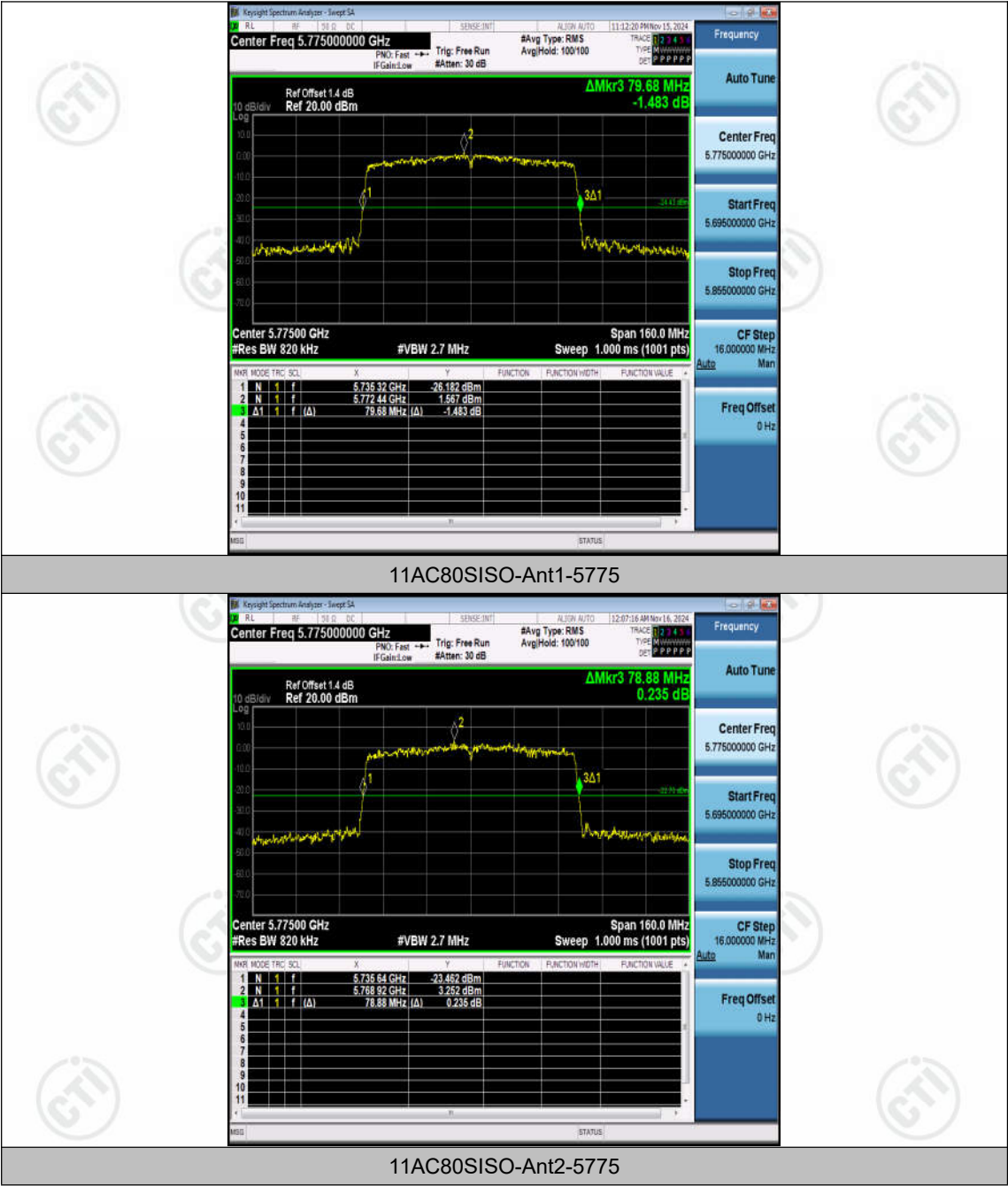


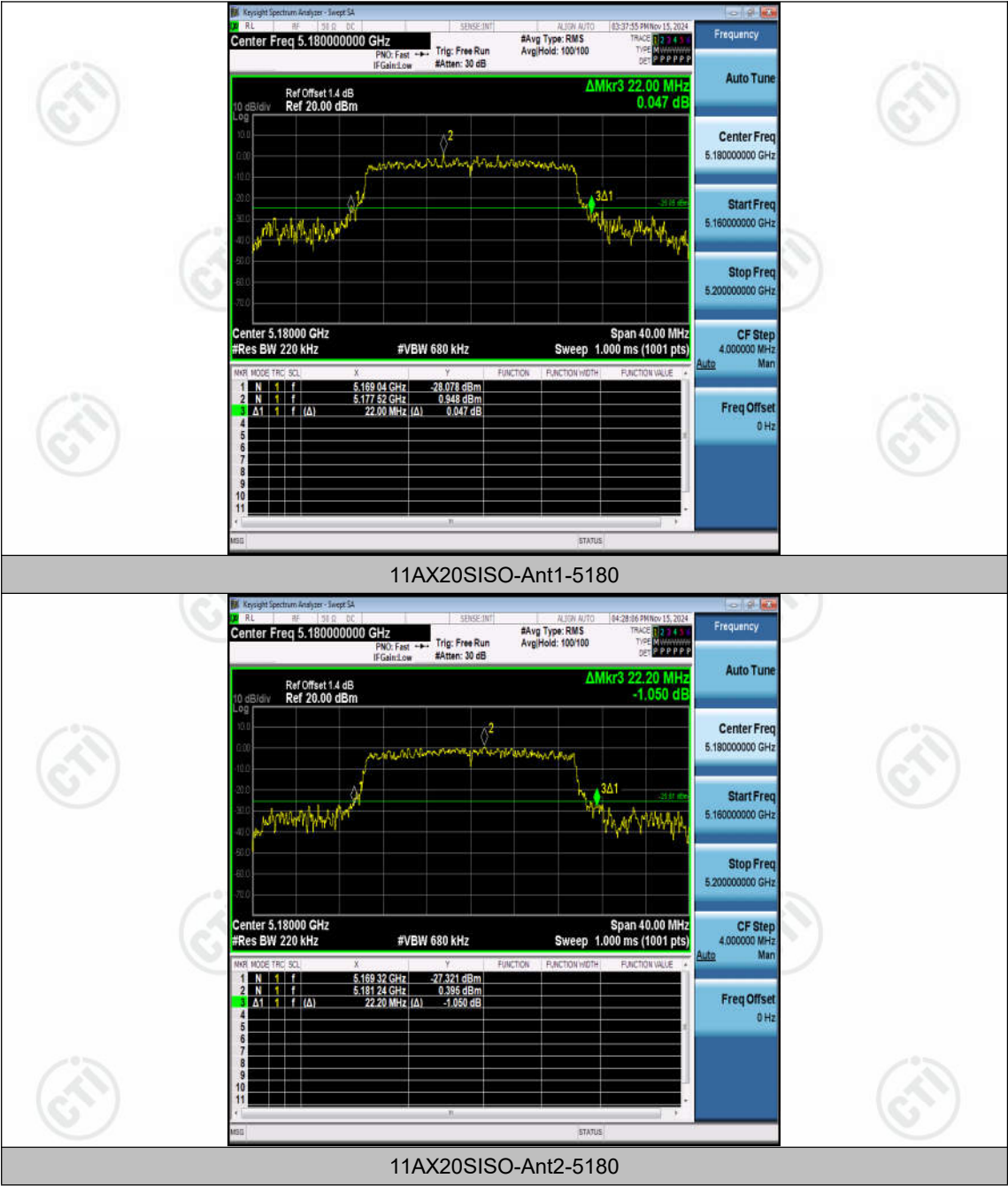


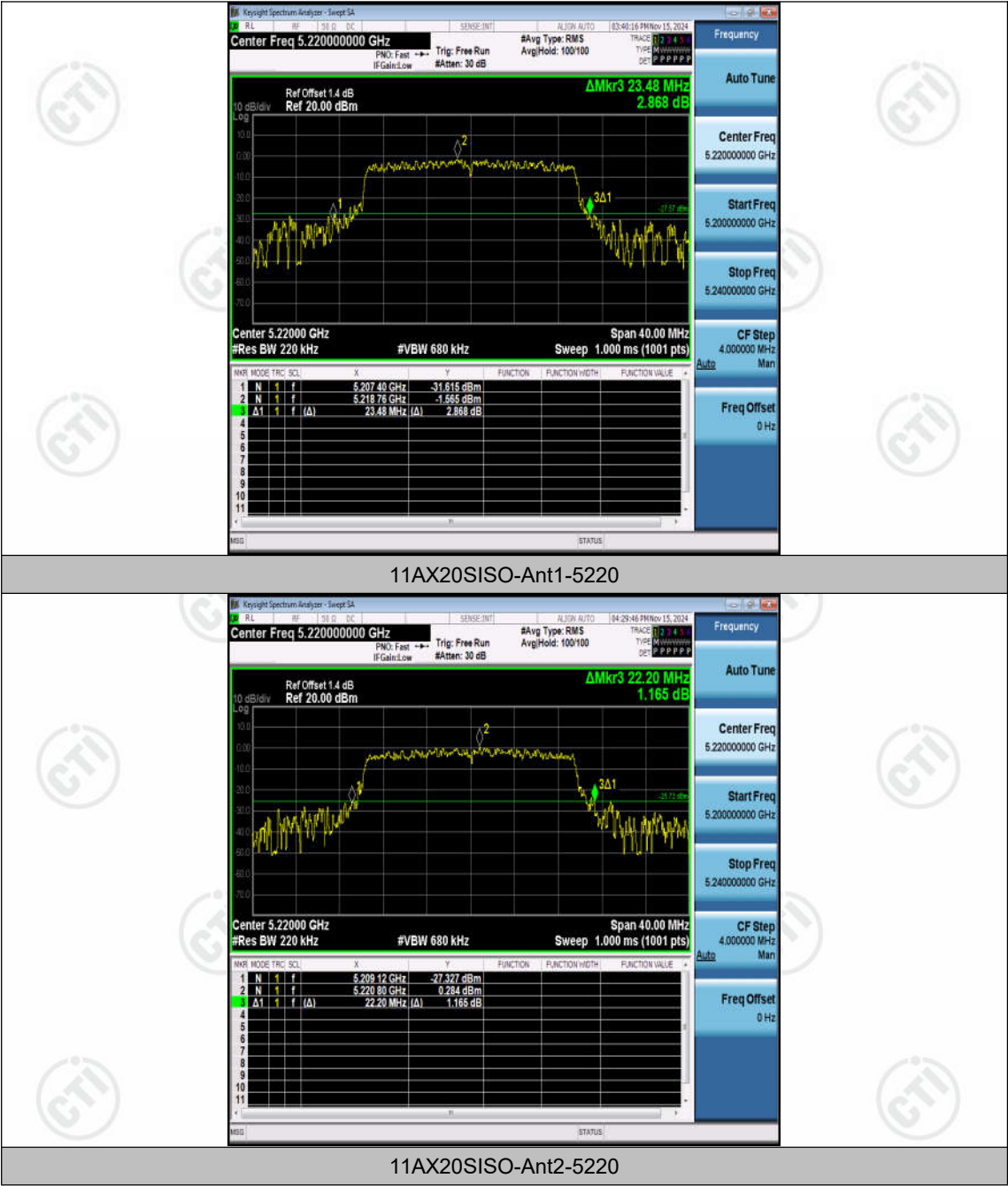


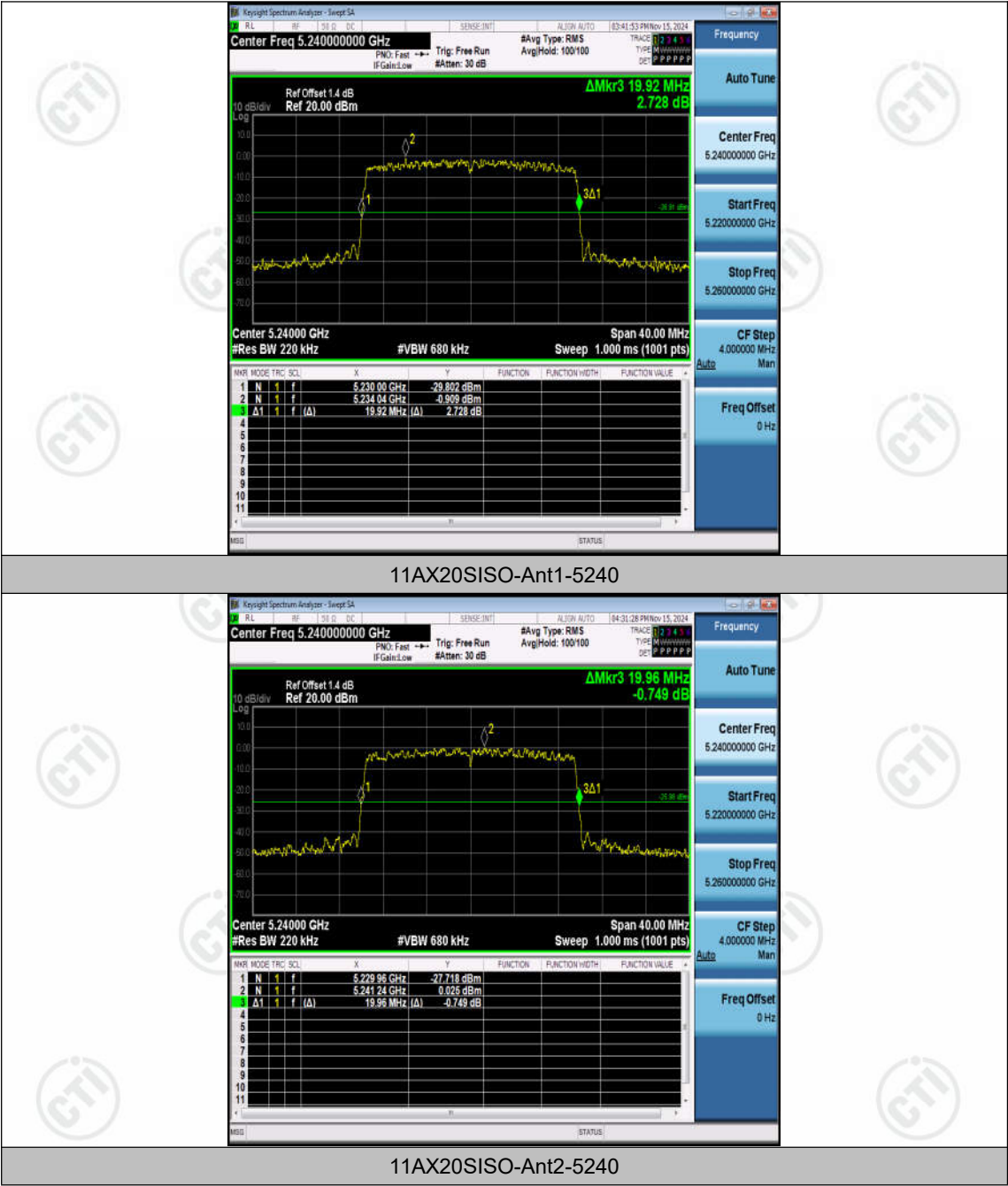


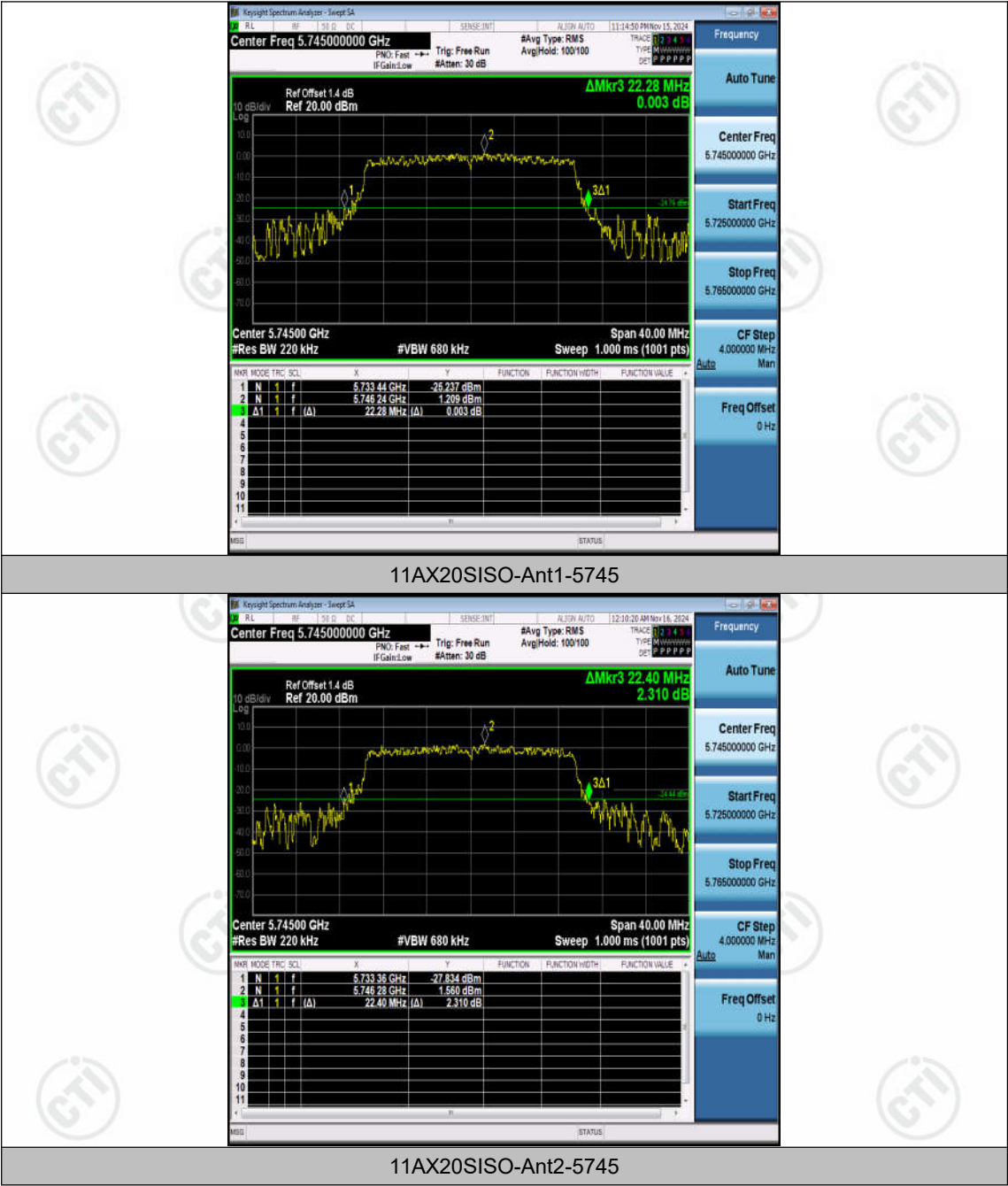




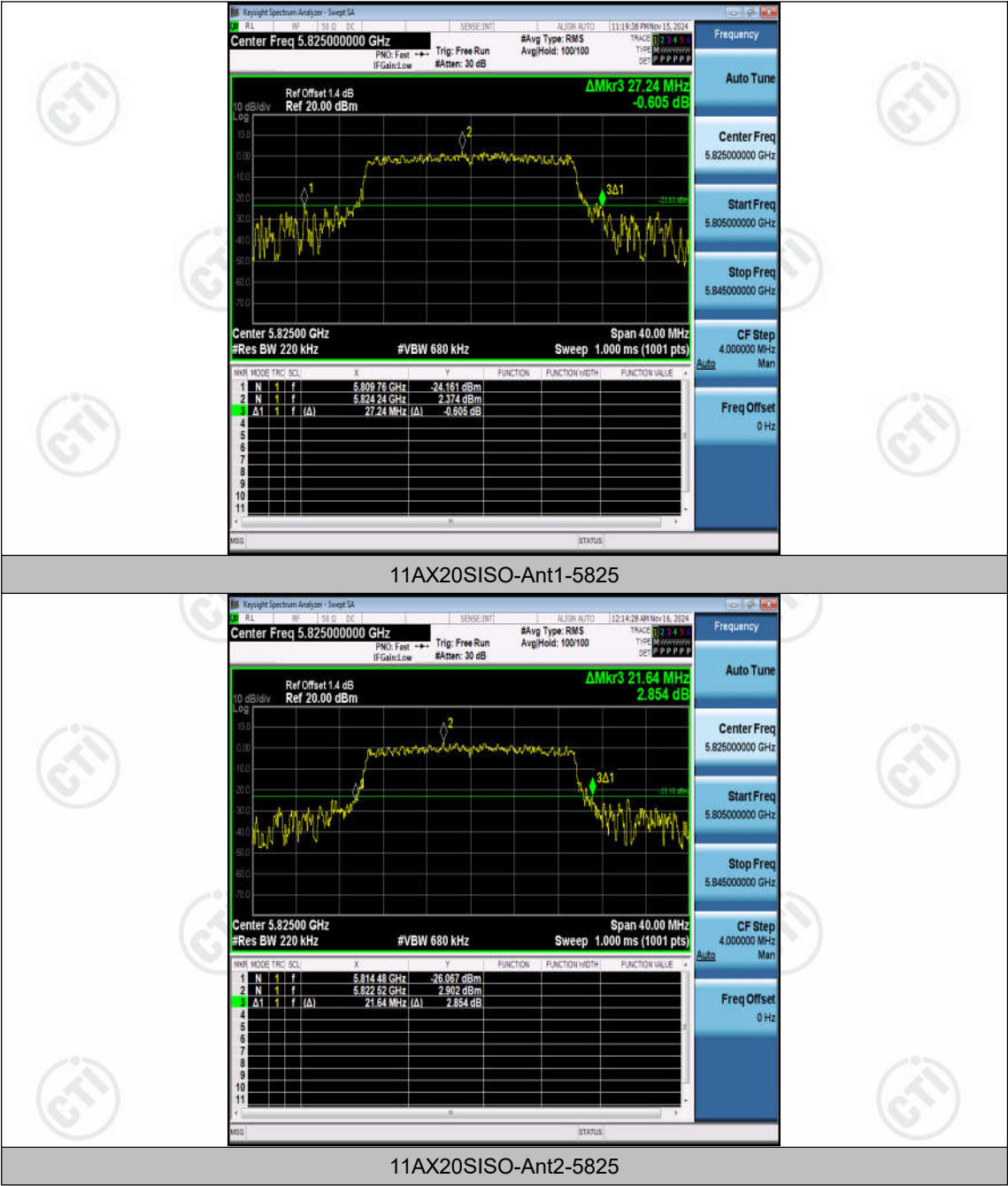


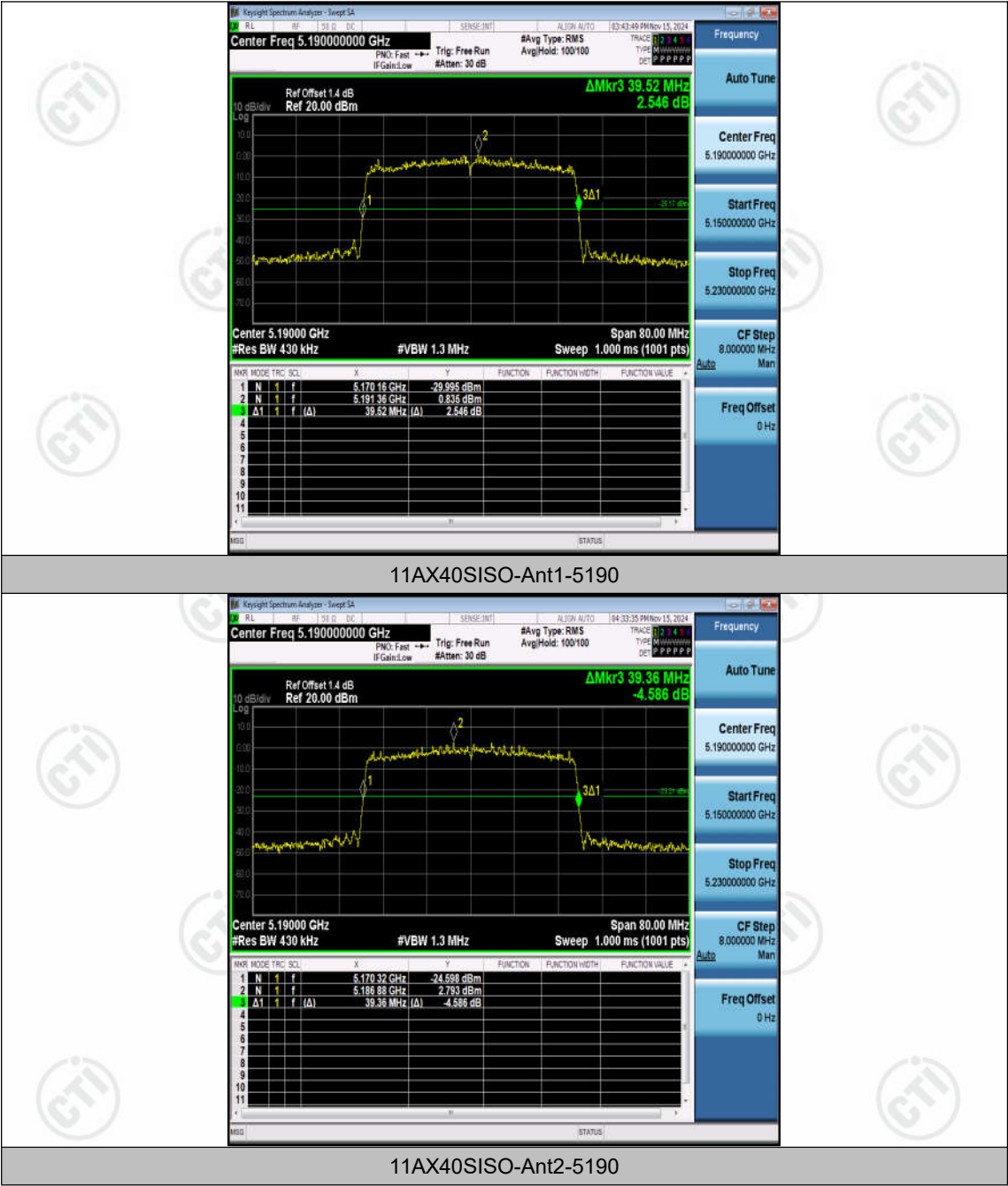


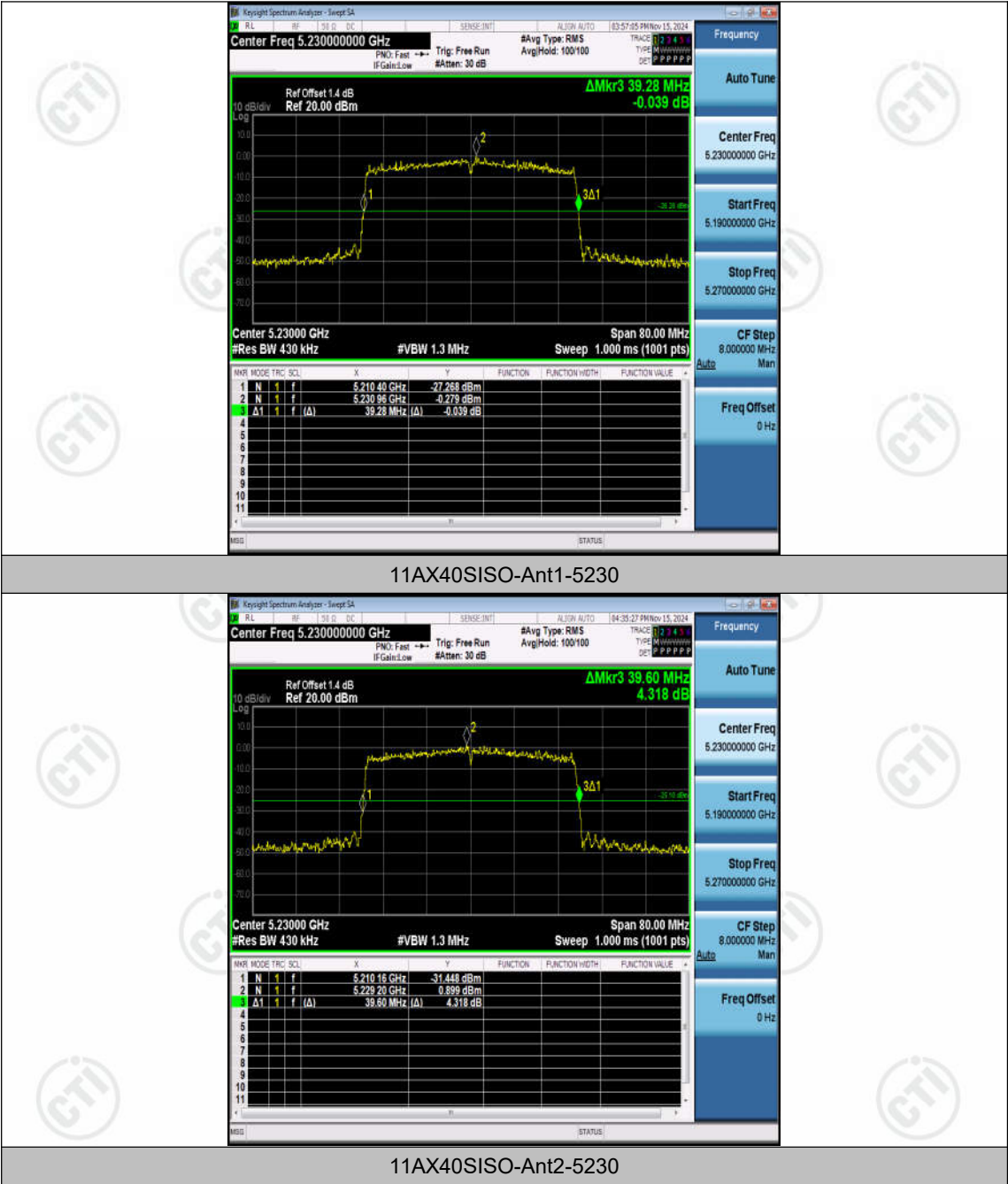


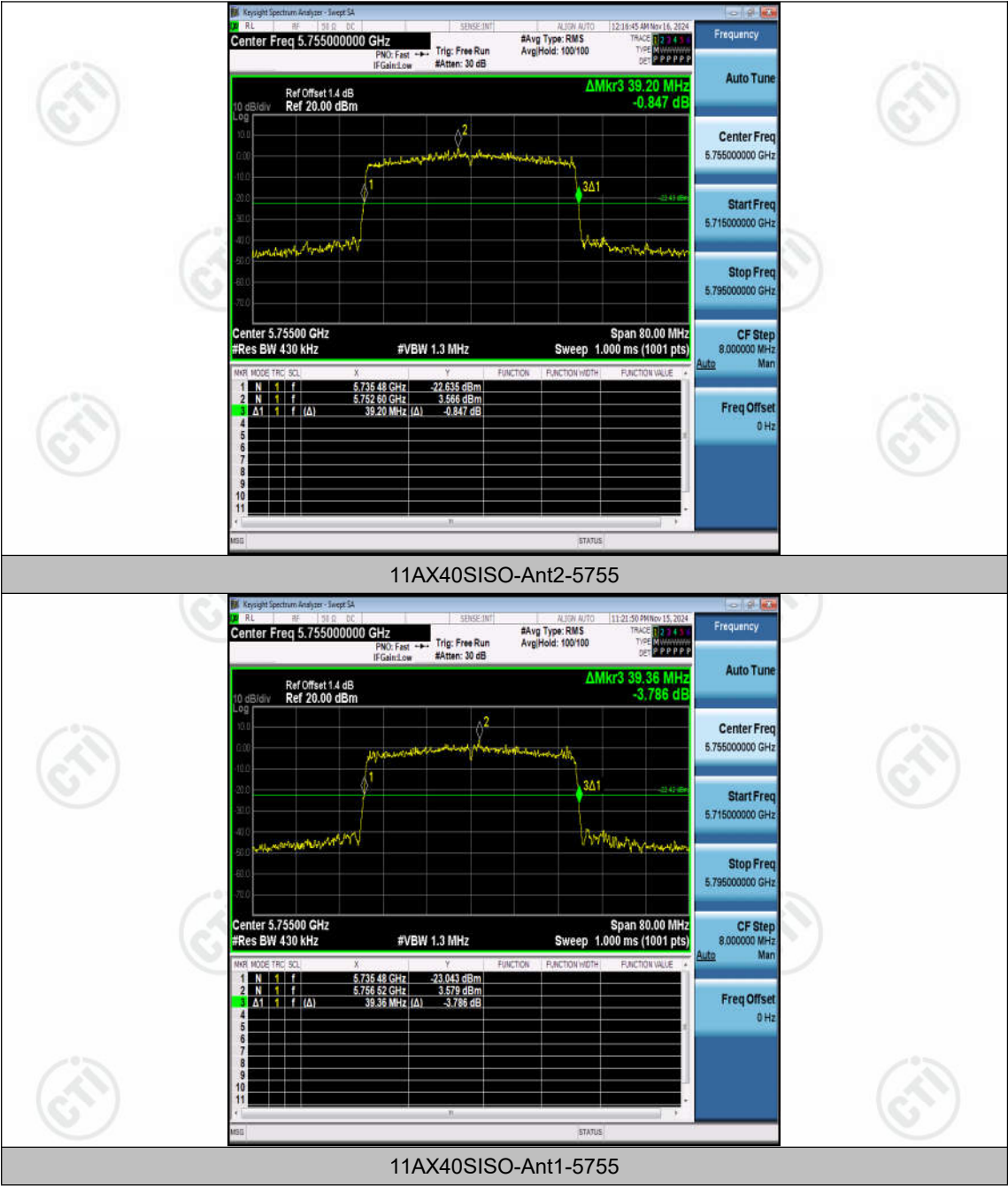


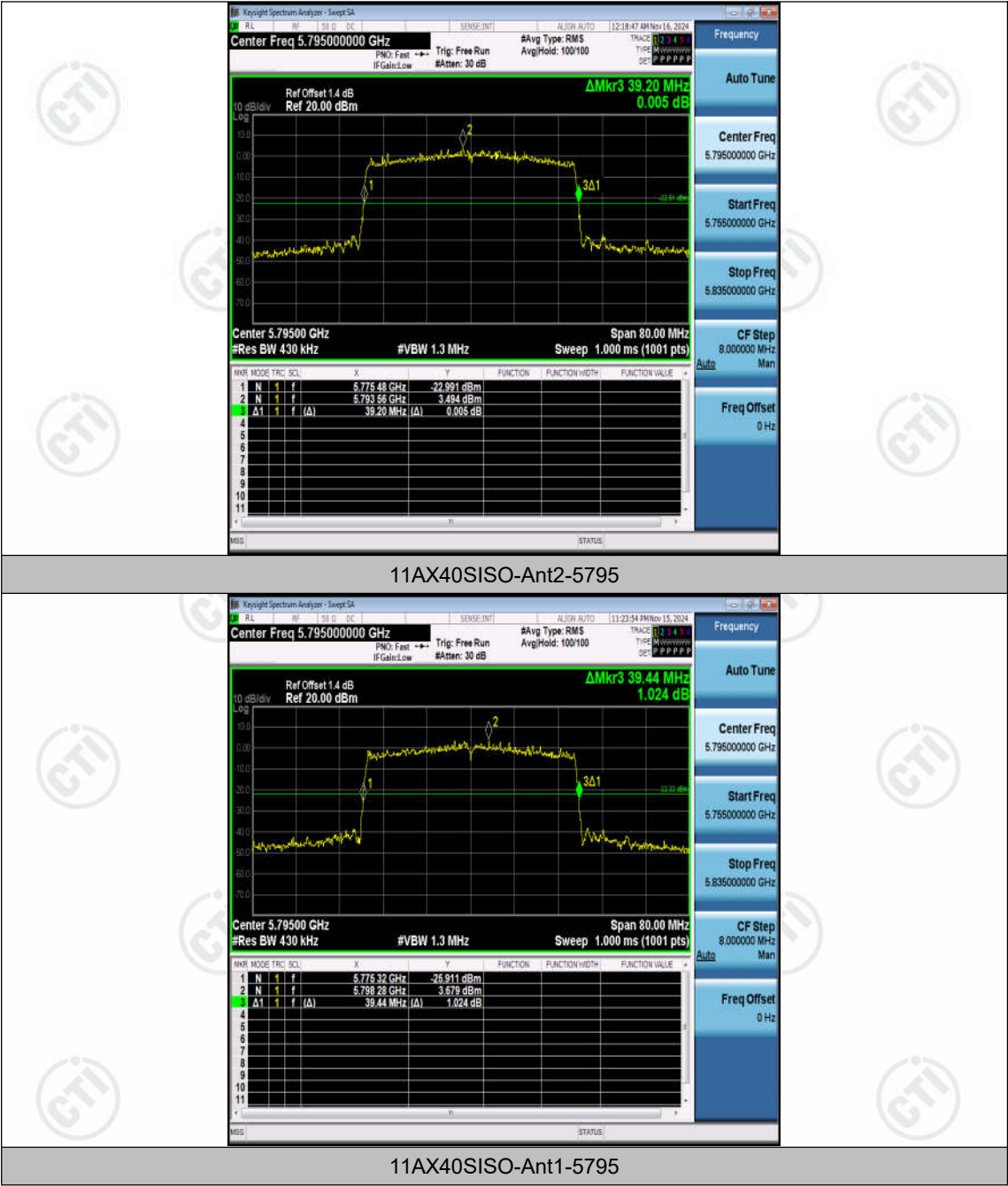


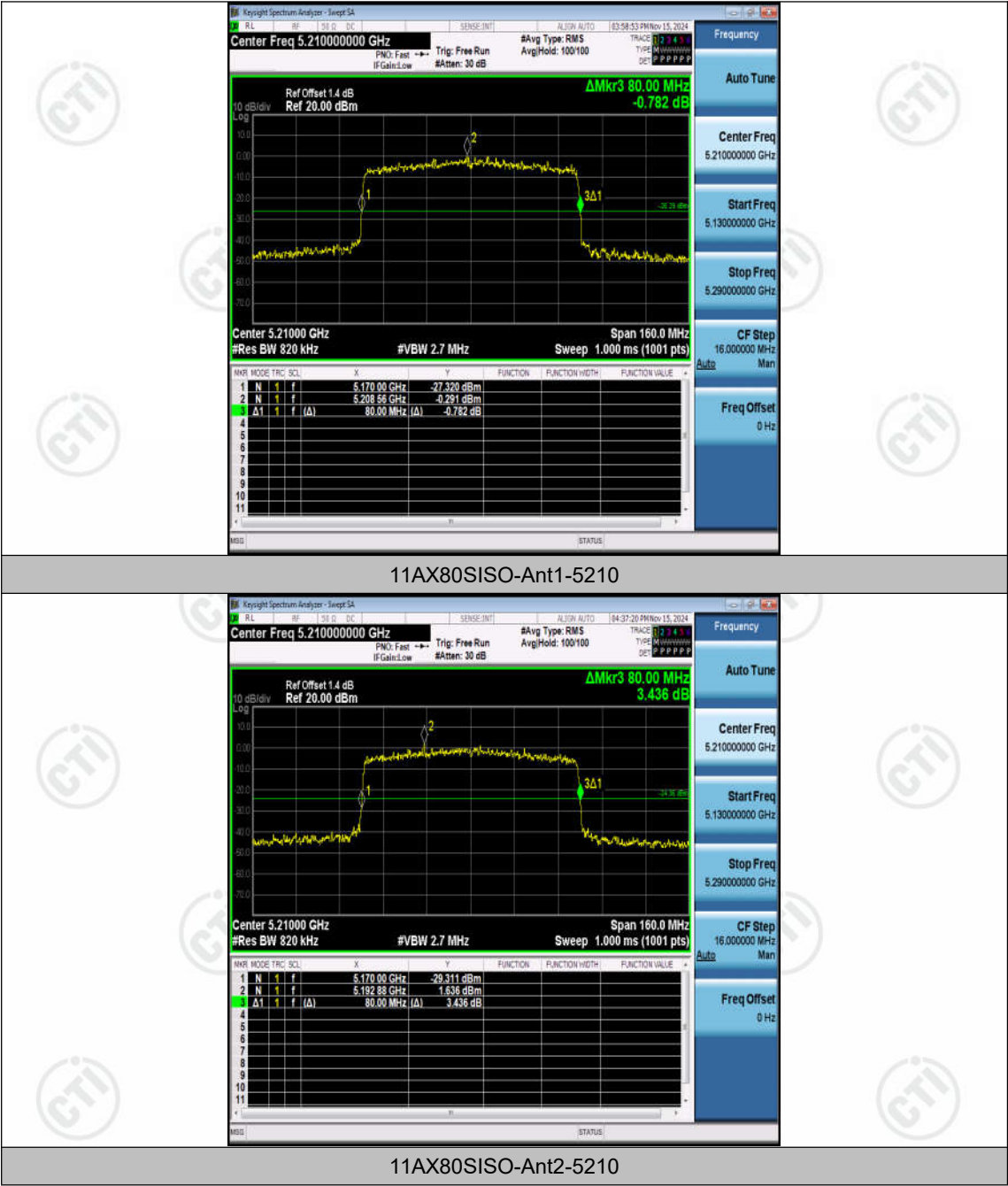


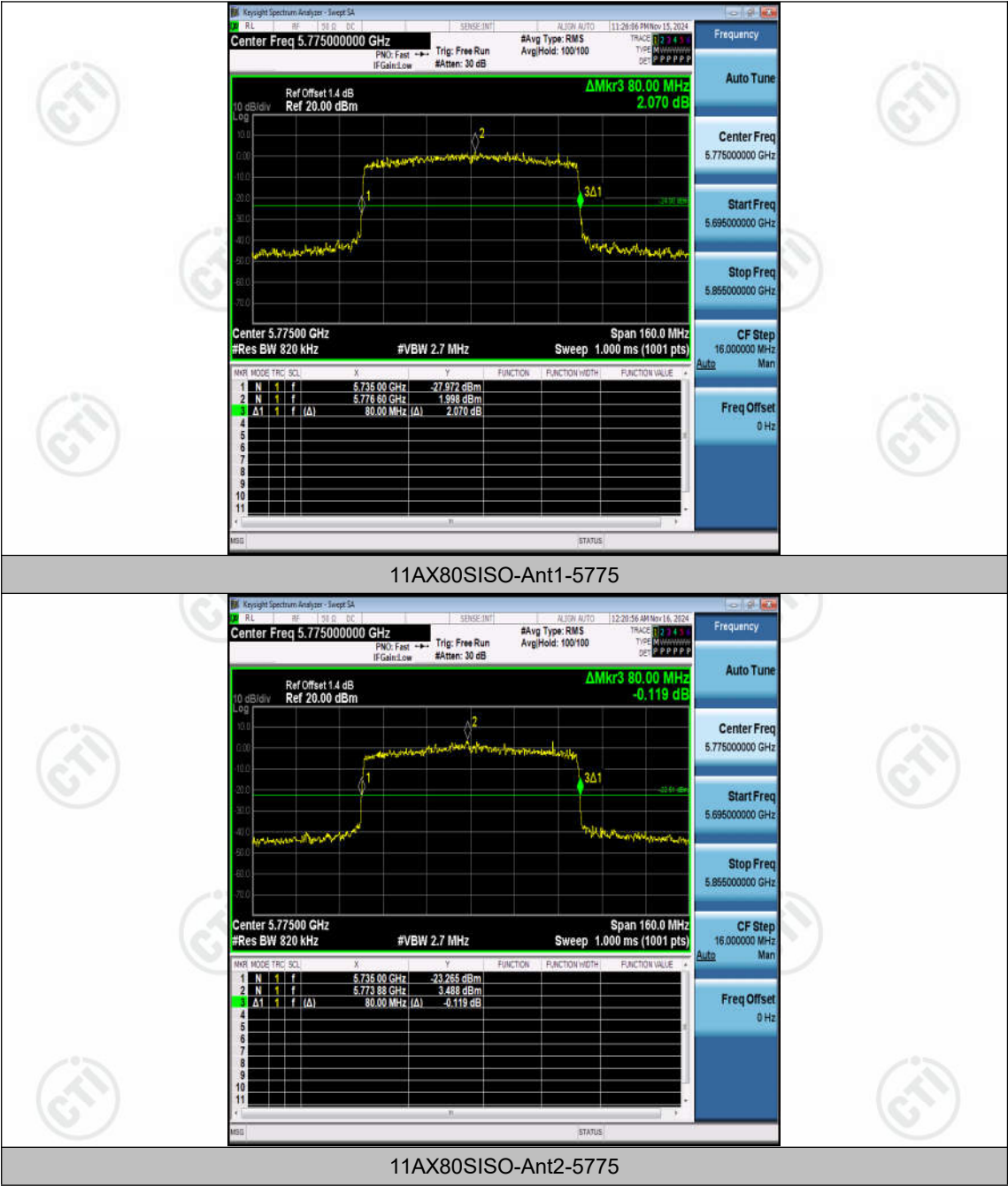












Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.770	5171.0273	5188.7973	---	---
11A	Ant2	5180	17.718	5171.0898	5188.8078	---	---
11A	Ant1	5220	17.718	5211.0975	5228.8155	---	---
11A	Ant2	5220	17.639	5211.0959	5228.7349	---	---
11A	Ant1	5240	16.757	5231.6347	5248.3917	---	---
11A	Ant2	5240	16.760	5231.5969	5248.3569	---	---
11A	Ant1	5745	17.824	5736.0354	5753.8594	---	---
11A	Ant2	5745	17.735	5736.0914	5753.8264	---	---
11A	Ant1	5785	17.614	5776.2313	5793.8453	---	---
11A	Ant2	5785	17.666	5776.1237	5793.7897	---	---
11A	Ant1	5825	17.712	5816.0922	5833.8042	---	---
11A	Ant2	5825	17.655	5816.0111	5833.6661	---	---
11N20SISO	Ant1	5180	18.777	5170.5652	5189.3422	---	---
11N20SISO	Ant2	5180	18.721	5170.6091	5189.3301	---	---
11N20SISO	Ant1	5220	18.839	5210.4512	5229.2902	---	---
11N20SISO	Ant2	5220	18.775	5210.5035	5229.2785	---	---
11N20SISO	Ant1	5240	17.740	5231.1120	5248.8520	---	---
11N20SISO	Ant2	5240	17.776	5231.0807	5248.8567	---	---
11N20SISO	Ant1	5745	18.701	5735.5938	5754.2948	---	---
11N20SISO	Ant2	5745	18.816	5735.4673	5754.2833	---	---
11N20SISO	Ant1	5785	18.826	5775.5446	5794.3706	---	---
11N20SISO	Ant2	5785	18.828	5775.5256	5794.3536	---	---
11N20SISO	Ant1	5825	18.780	5815.4862	5834.2662	---	---
11N20SISO	Ant2	5825	18.727	5815.5371	5834.2641	---	---
11N40SISO	Ant1	5190	35.950	5171.9832	5207.9332	---	---
11N40SISO	Ant2	5190	35.888	5172.1069	5207.9949	---	---
11N40SISO	Ant1	5230	35.815	5212.0606	5247.8756	---	---
11N40SISO	Ant2	5230	35.871	5212.0238	5247.8948	---	---
11N40SISO	Ant1	5755	35.903	5737.0203	5772.9233	---	---
11N40SISO	Ant2	5755	35.961	5737.0450	5773.0060	---	---
11N40SISO	Ant1	5795	35.818	5777.0685	5812.8865	---	---
11N40SISO	Ant2	5795	35.813	5777.1064	5812.9194	---	---
11AC20SISO	Ant1	5180	18.646	5170.7024	5189.3484	---	---
11AC20SISO	Ant2	5180	18.389	5170.7896	5189.1786	---	---
11AC20SISO	Ant1	5220	18.840	5210.5143	5229.3543	---	---
11AC20SISO	Ant2	5220	18.269	5210.8209	5229.0899	---	---

11AC20SISO	Ant1	5240	17.795	5231.0595	5248.8545	---	---
11AC20SISO	Ant2	5240	17.674	5231.1141	5248.7881	---	---
11AC20SISO	Ant1	5745	18.681	5735.6357	5754.3167	---	---
11AC20SISO	Ant2	5745	18.271	5735.8247	5754.0957	---	---
11AC20SISO	Ant1	5785	18.672	5775.6239	5794.2959	---	---
11AC20SISO	Ant2	5785	18.266	5775.8234	5794.0894	---	---
11AC20SISO	Ant1	5825	18.558	5815.7064	5834.2644	---	---
11AC20SISO	Ant2	5825	18.372	5815.7530	5834.1250	---	---
11AC40SISO	Ant1	5190	35.872	5172.0535	5207.9255	---	---
11AC40SISO	Ant2	5190	35.885	5172.0436	5207.9286	---	---
11AC40SISO	Ant1	5230	35.915	5212.0214	5247.9364	---	---
11AC40SISO	Ant2	5230	35.918	5211.9892	5247.9072	---	---
11AC40SISO	Ant1	5755	35.838	5737.0287	5772.8667	---	---
11AC40SISO	Ant2	5755	35.798	5737.0881	5772.8861	---	---
11AC40SISO	Ant1	5795	35.826	5777.0760	5812.9020	---	---
11AC40SISO	Ant2	5795	35.921	5777.0573	5812.9783	---	---
11AC80SISO	Ant1	5210	75.229	5172.3869	5247.6159	---	---
11AC80SISO	Ant2	5210	75.095	5172.4607	5247.5557	---	---
11AC80SISO	Ant1	5775	75.071	5737.5249	5812.5959	---	---
11AC80SISO	Ant2	5775	75.008	5737.6271	5812.6351	---	---
11AX20SISO	Ant1	5180	19.086	5170.4403	5189.5263	---	---
11AX20SISO	Ant2	5180	19.101	5170.3998	5189.5008	---	---
11AX20SISO	Ant1	5220	19.108	5210.4541	5229.5621	---	---
11AX20SISO	Ant2	5220	19.130	5210.3650	5229.4950	---	---
11AX20SISO	Ant1	5240	18.854	5230.5615	5249.4155	---	---
11AX20SISO	Ant2	5240	18.899	5230.4995	5249.3985	---	---
11AX20SISO	Ant1	5745	19.087	5735.4206	5754.5076	---	---
11AX20SISO	Ant2	5745	19.118	5735.4271	5754.5451	---	---
11AX20SISO	Ant1	5785	19.068	5775.4575	5794.5255	---	---
11AX20SISO	Ant2	5785	19.138	5775.4136	5794.5516	---	---
11AX20SISO	Ant1	5825	19.179	5815.3723	5834.5513	---	---
11AX20SISO	Ant2	5825	19.023	5815.4657	5834.4887	---	---
11AX40SISO	Ant1	5190	37.414	5171.3001	5208.7141	---	---
11AX40SISO	Ant2	5190	37.480	5171.2404	5208.7204	---	---
11AX40SISO	Ant1	5230	37.389	5211.3032	5248.6922	---	---
11AX40SISO	Ant2	5230	37.518	5211.2189	5248.7369	---	---
11AX40SISO	Ant1	5755	37.426	5736.3149	5773.7409	---	---
11AX40SISO	Ant2	5755	37.472	5736.2792	5773.7512	---	---
11AX40SISO	Ant1	5795	37.462	5776.2800	5813.7420	---	---
11AX40SISO	Ant2	5795	37.550	5776.2142	5813.7642	---	---
11AX80SISO	Ant1	5210	76.733	5171.6452	5248.3782	---	---

11AX80SISO	Ant2	5210	76.731	5171.6844	5248.4154	---	---
11AX80SISO	Ant1	5775	76.799	5736.7106	5813.5096	---	---
11AX80SISO	Ant2	5775	76.652	5736.7695	5813.4215	---	---

Test Graphs

