

Appendix: 5G WIFI

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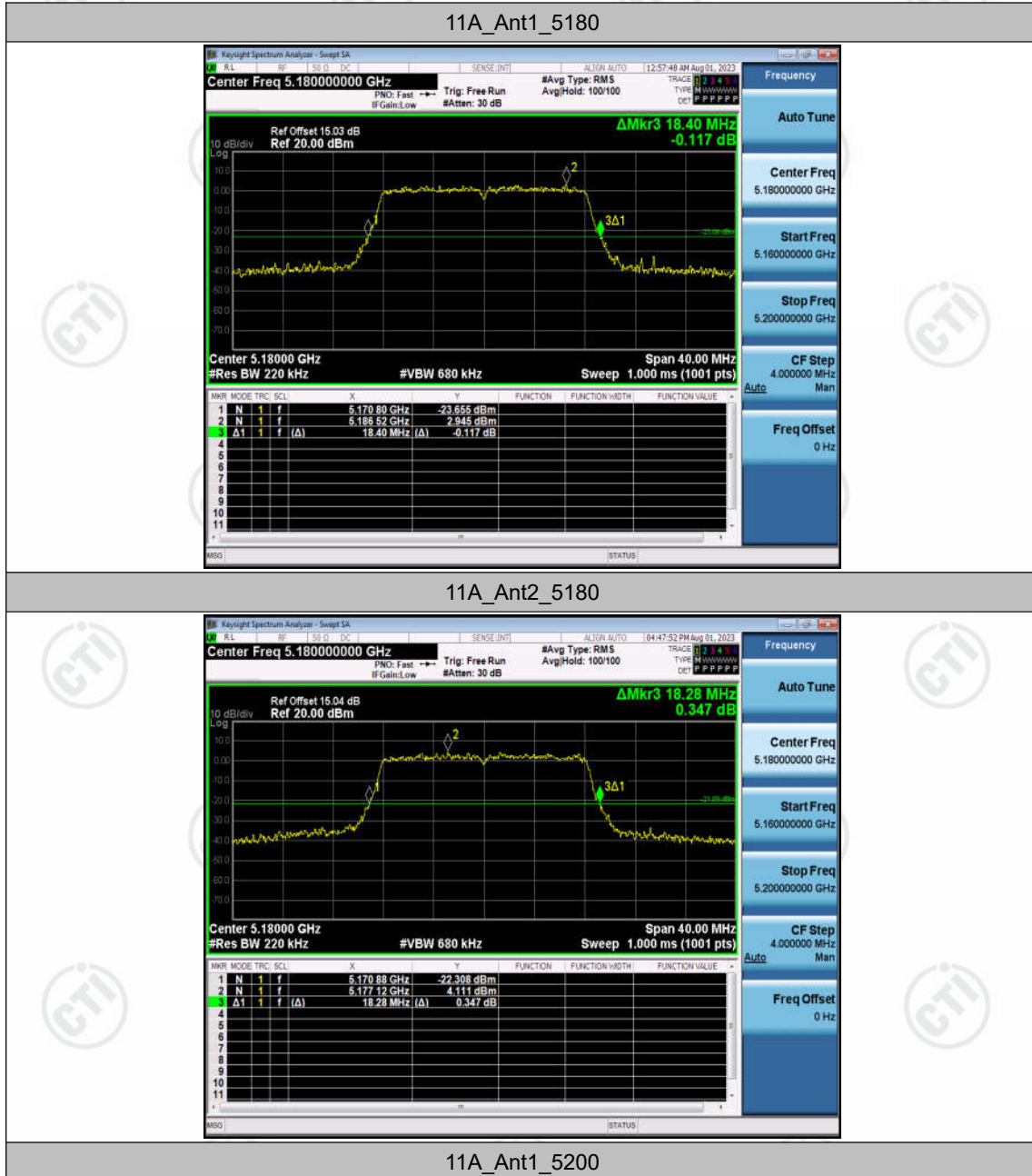
## Appendix A: Emission Bandwidth

### Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.400	5170.800	5189.200	---	---
	Ant2	5180	18.280	5170.880	5189.160	---	---
	Ant1	5200	19.040	5190.800	5209.840	---	---
	Ant2	5200	18.400	5190.840	5209.240	---	---
	Ant1	5240	18.480	5230.760	5249.240	---	---
	Ant2	5240	18.560	5230.760	5249.320	---	---
	Ant1	5745	18.520	5735.720	5754.240	---	---
	Ant2	5745	19.440	5735.320	5754.760	---	---
	Ant1	5785	18.600	5775.720	5794.320	---	---
	Ant2	5785	18.680	5775.560	5794.240	---	---
	Ant1	5825	18.560	5815.720	5834.280	---	---
	Ant2	5825	18.440	5815.720	5834.160	---	---
11N20SI SO	Ant1	5180	19.400	5170.360	5189.760	---	---
	Ant2	5180	19.440	5170.320	5189.760	---	---
	Ant1	5200	19.440	5190.280	5209.720	---	---
	Ant2	5200	19.320	5190.360	5209.680	---	---
	Ant1	5240	19.360	5230.320	5249.680	---	---
	Ant2	5240	19.400	5230.320	5249.720	---	---
	Ant1	5745	19.520	5735.240	5754.760	---	---
	Ant2	5745	19.360	5735.360	5754.720	---	---
	Ant1	5785	19.440	5775.240	5794.680	---	---
	Ant2	5785	19.440	5775.280	5794.720	---	---
	Ant1	5825	19.360	5815.320	5834.680	---	---
	Ant2	5825	19.520	5815.200	5834.720	---	---
11N40SI SO	Ant1	5190	40.720	5169.760	5210.480	---	---
	Ant2	5190	40.880	5169.760	5210.640	---	---
	Ant1	5230	40.400	5209.840	5250.240	---	---
	Ant2	5230	41.120	5209.520	5250.640	---	---
	Ant1	5755	40.720	5734.520	5775.240	---	---
	Ant2	5755	40.720	5734.840	5775.560	---	---
	Ant1	5795	40.720	5774.760	5815.480	---	---
	Ant2	5795	41.120	5774.360	5815.480	---	---
11AC20S	Ant1	5180	19.520	5170.280	5189.800	---	---

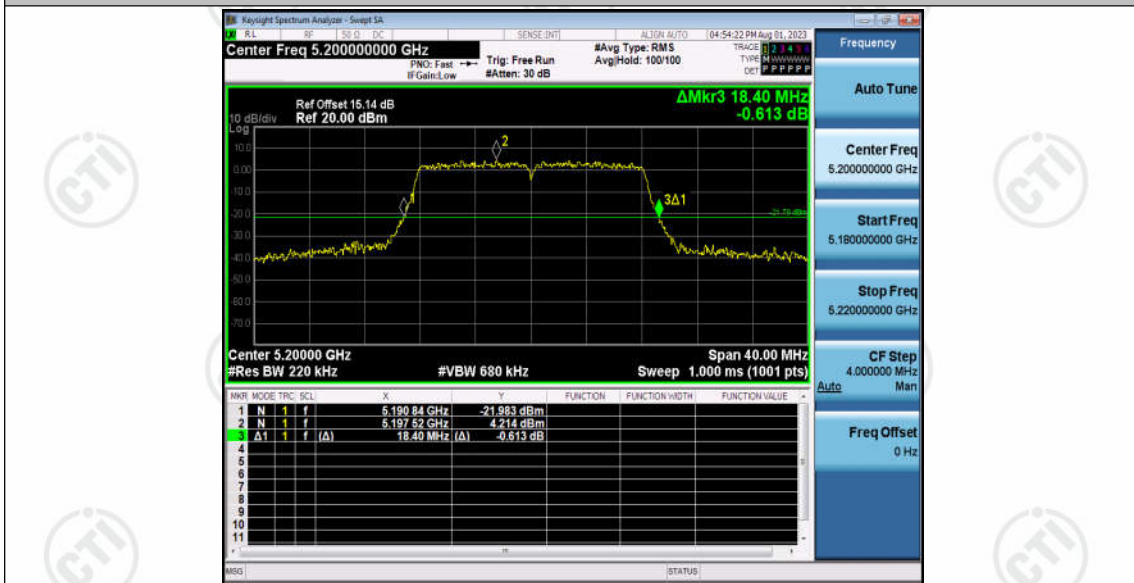
ISO	Ant2	5180	19.360	5170.360	5189.720	---	---
	Ant1	5200	19.400	5190.400	5209.800	---	---
	Ant2	5200	19.560	5190.160	5209.720	---	---
	Ant1	5240	19.440	5230.360	5249.800	---	---
	Ant2	5240	19.560	5230.200	5249.760	---	---
	Ant1	5745	19.440	5735.360	5754.800	---	---
	Ant2	5745	19.360	5735.320	5754.680	---	---
	Ant1	5785	19.480	5775.320	5794.800	---	---
	Ant2	5785	19.520	5775.280	5794.800	---	---
	Ant1	5825	19.400	5815.320	5834.720	---	---
	Ant2	5825	19.360	5815.320	5834.680	---	---
11AC40S ISO	Ant1	5190	41.040	5169.440	5210.480	---	---
	Ant2	5190	41.440	5169.520	5210.960	---	---
	Ant1	5230	40.480	5209.760	5250.240	---	---
	Ant2	5230	40.720	5209.600	5250.320	---	---
	Ant1	5755	40.320	5734.920	5775.240	---	---
	Ant2	5755	40.800	5734.840	5775.640	---	---
	Ant1	5795	40.960	5774.760	5815.720	---	---
11AC80S ISO	Ant2	5795	40.880	5774.600	5815.480	---	---
	Ant1	5210	80.320	5170.000	5250.320	---	---
	Ant2	5210	80.480	5170.000	5250.480	---	---
	Ant1	5775	80.640	5734.840	5815.480	---	---
	Ant2	5775	80.800	5734.520	5815.320	---	---

## Test Graphs





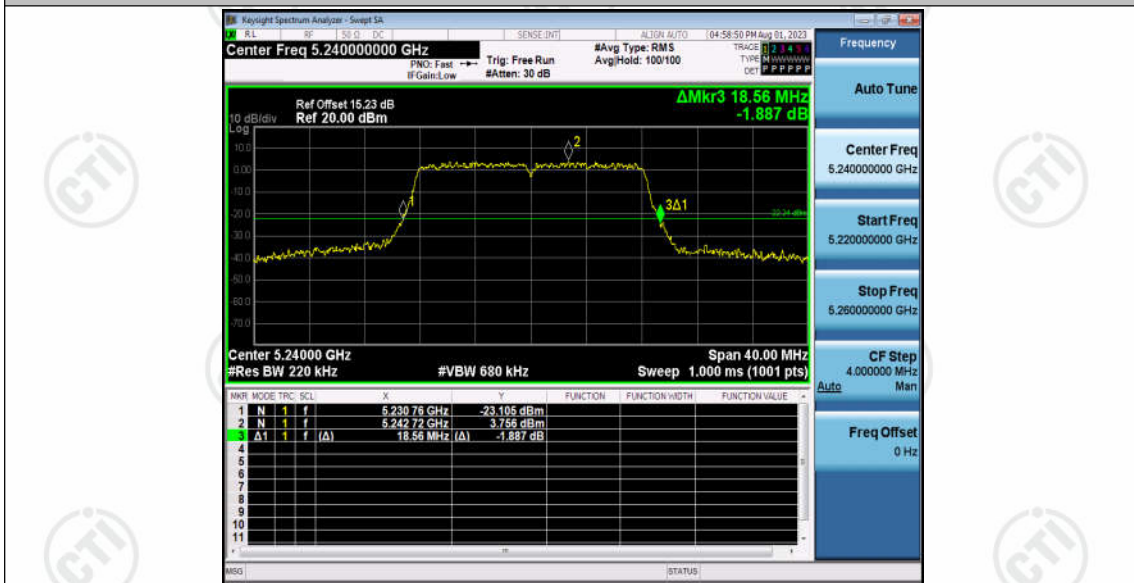
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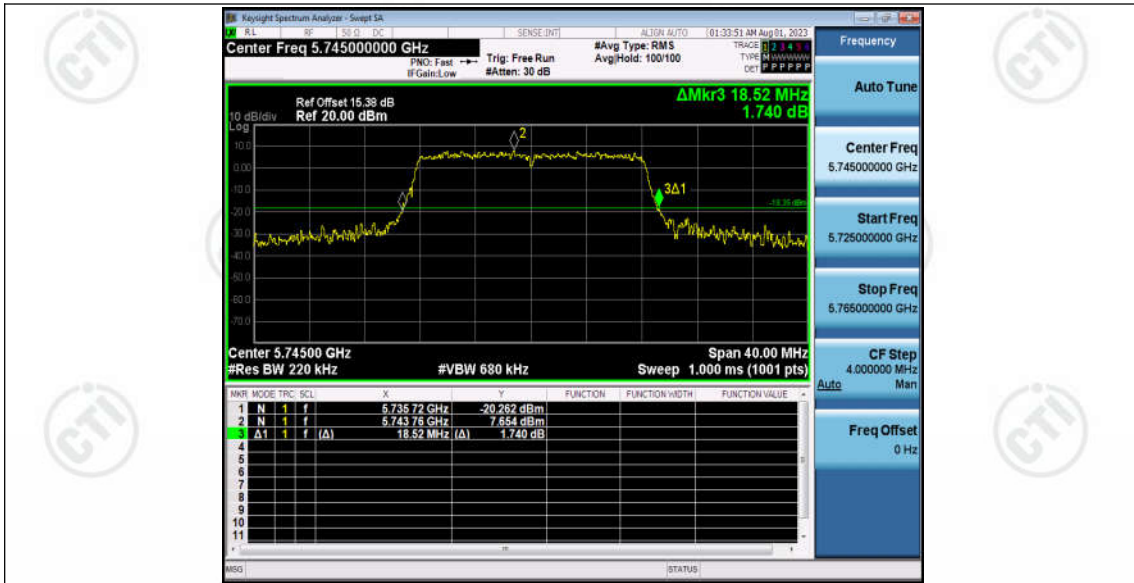
11A\_Ant1\_5240



11A\_Ant2\_5240



11A\_Ant1\_5745

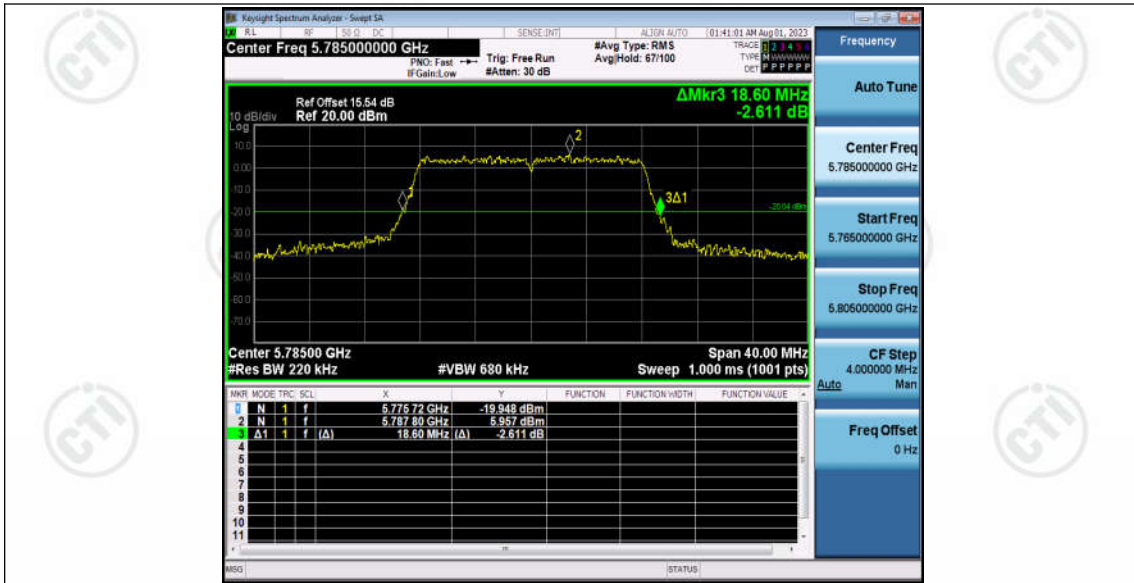


11A\_Ant2\_5745



11A\_Ant1\_5785





11A\_Ant2\_5785



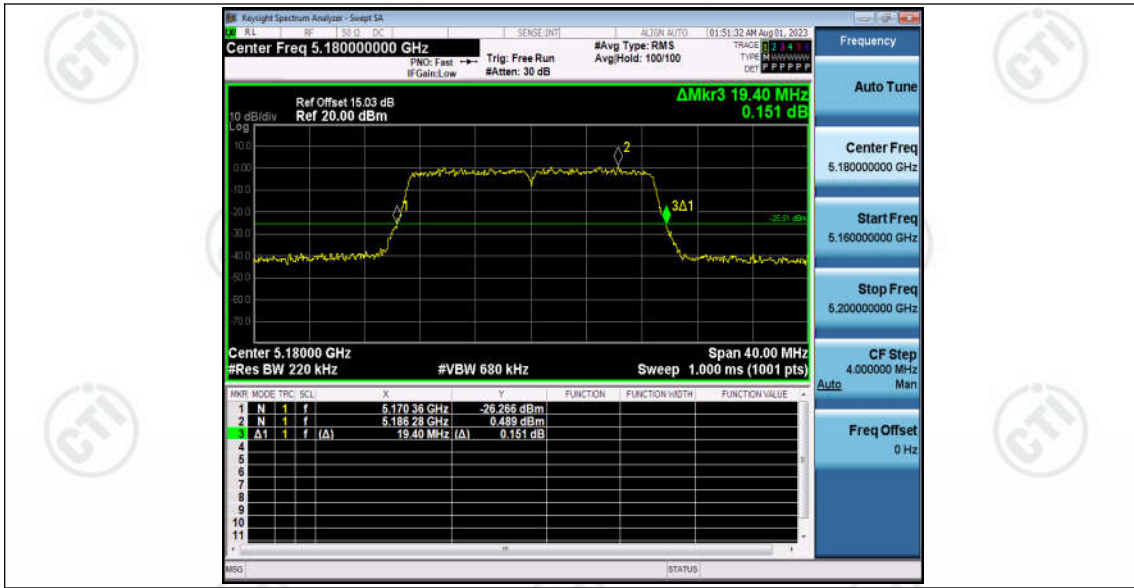
11A\_Ant1\_5825



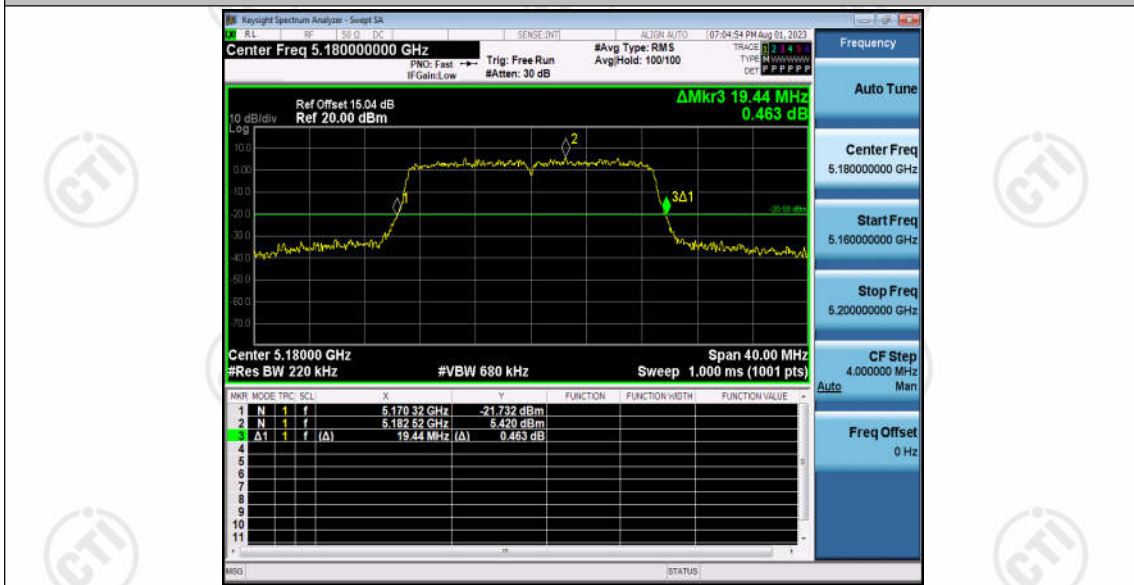
11A\_Ant2\_5825



11N20SISO\_Ant1\_5180



11N20SISO\_Ant2\_5180



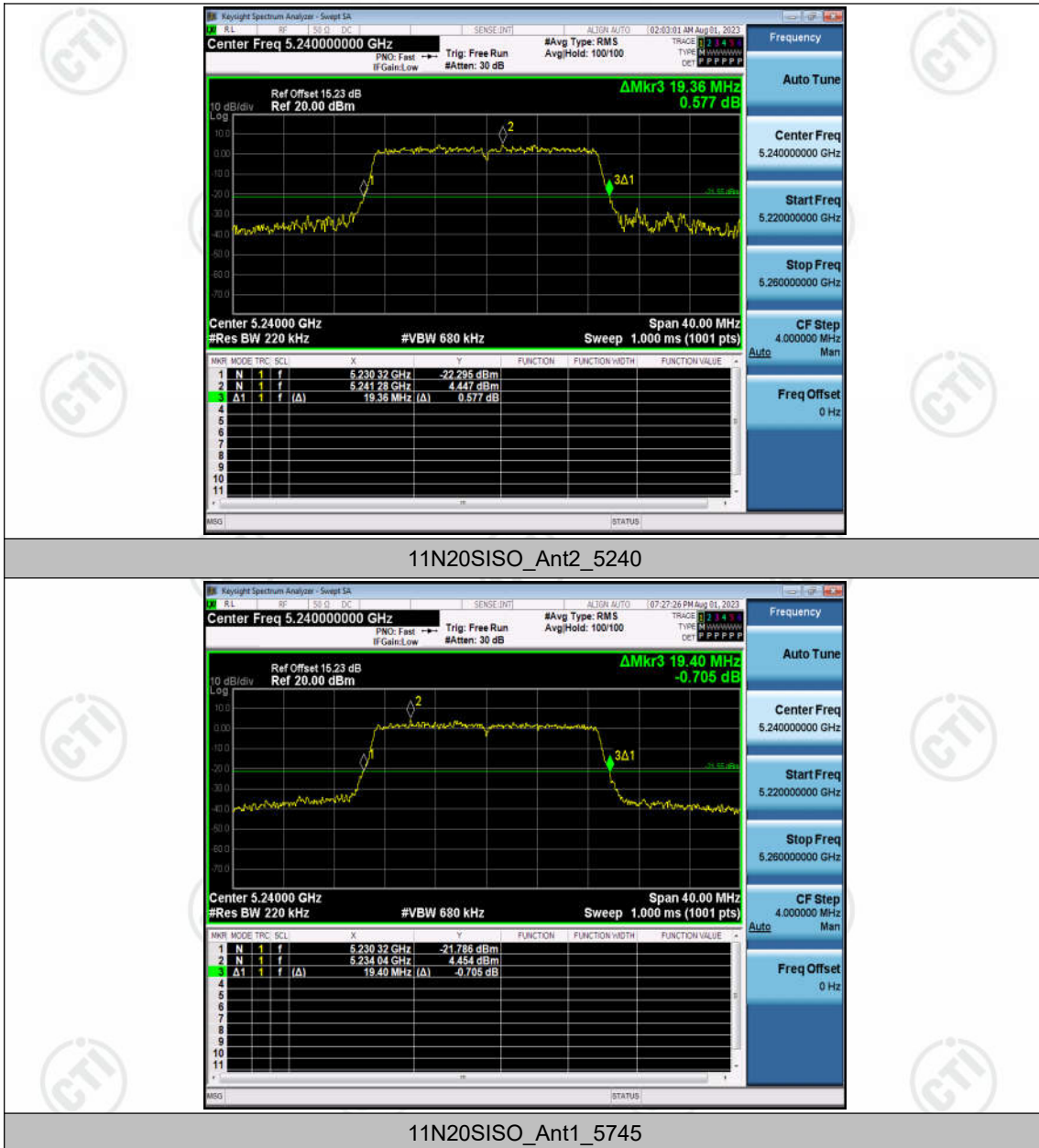
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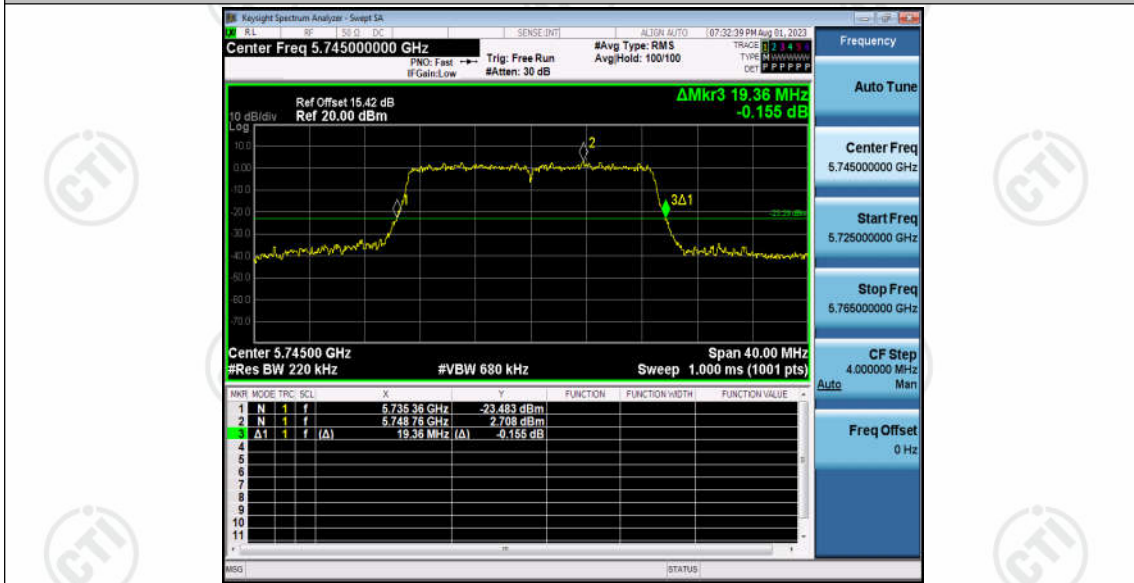


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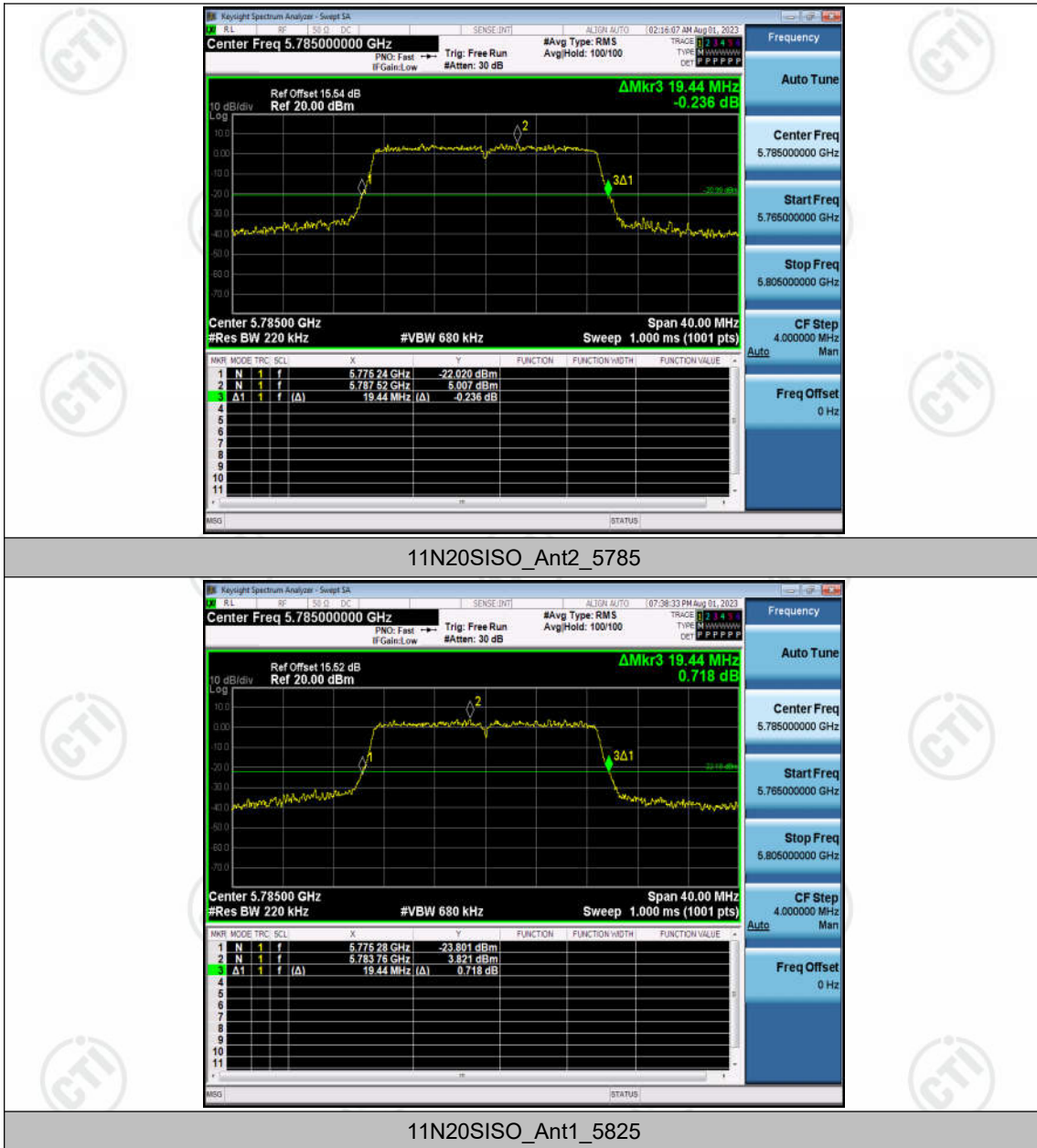


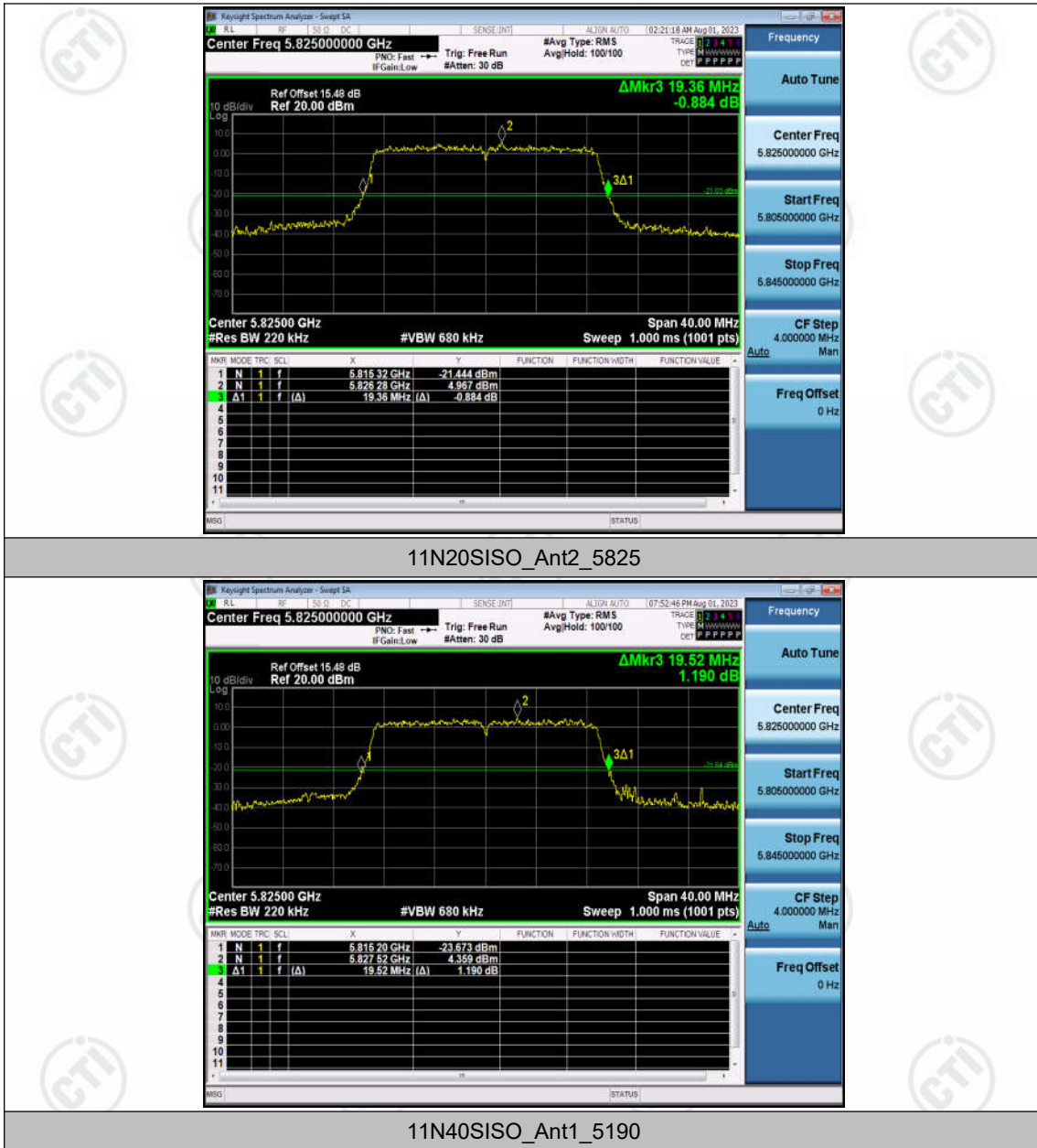


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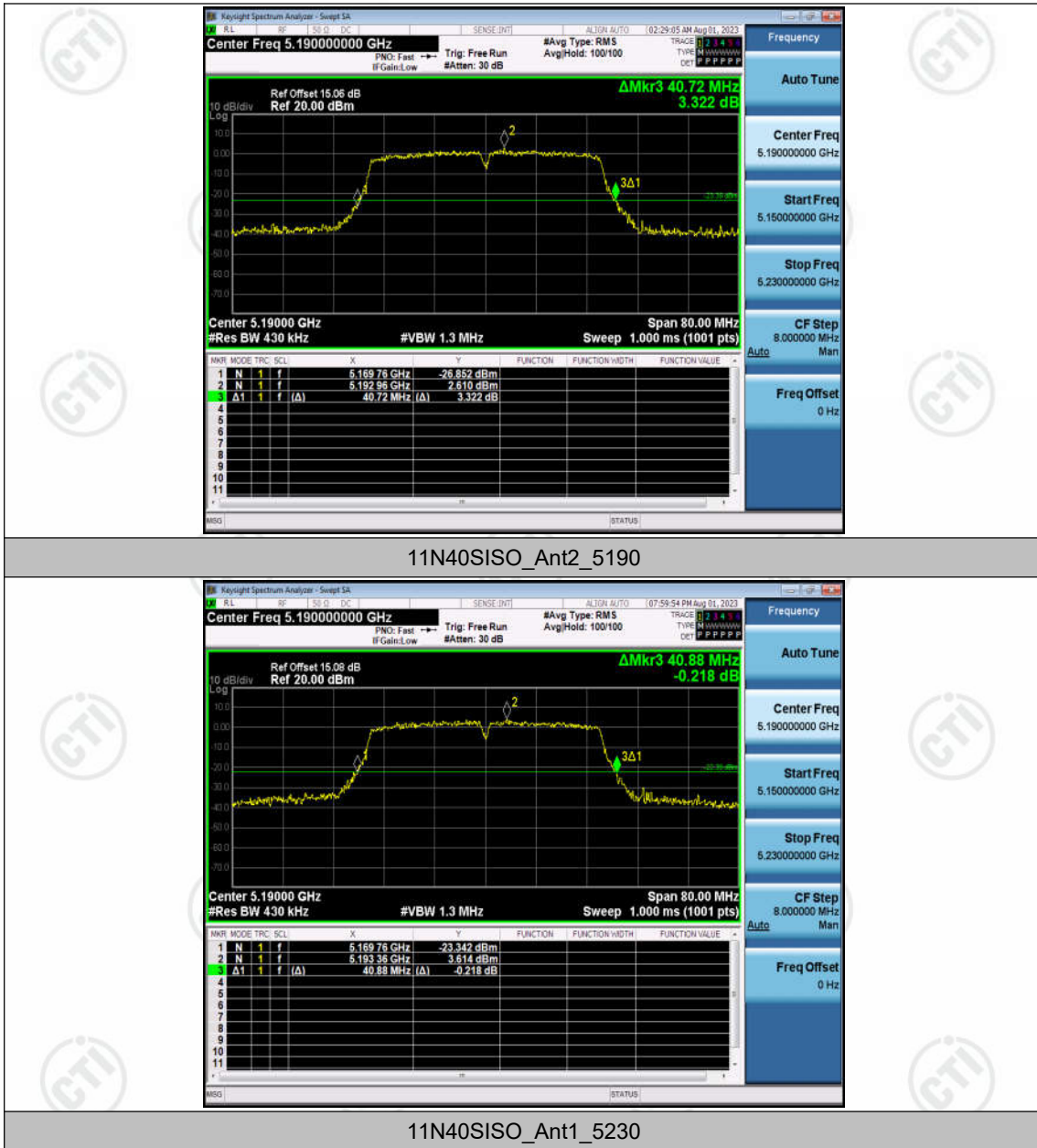


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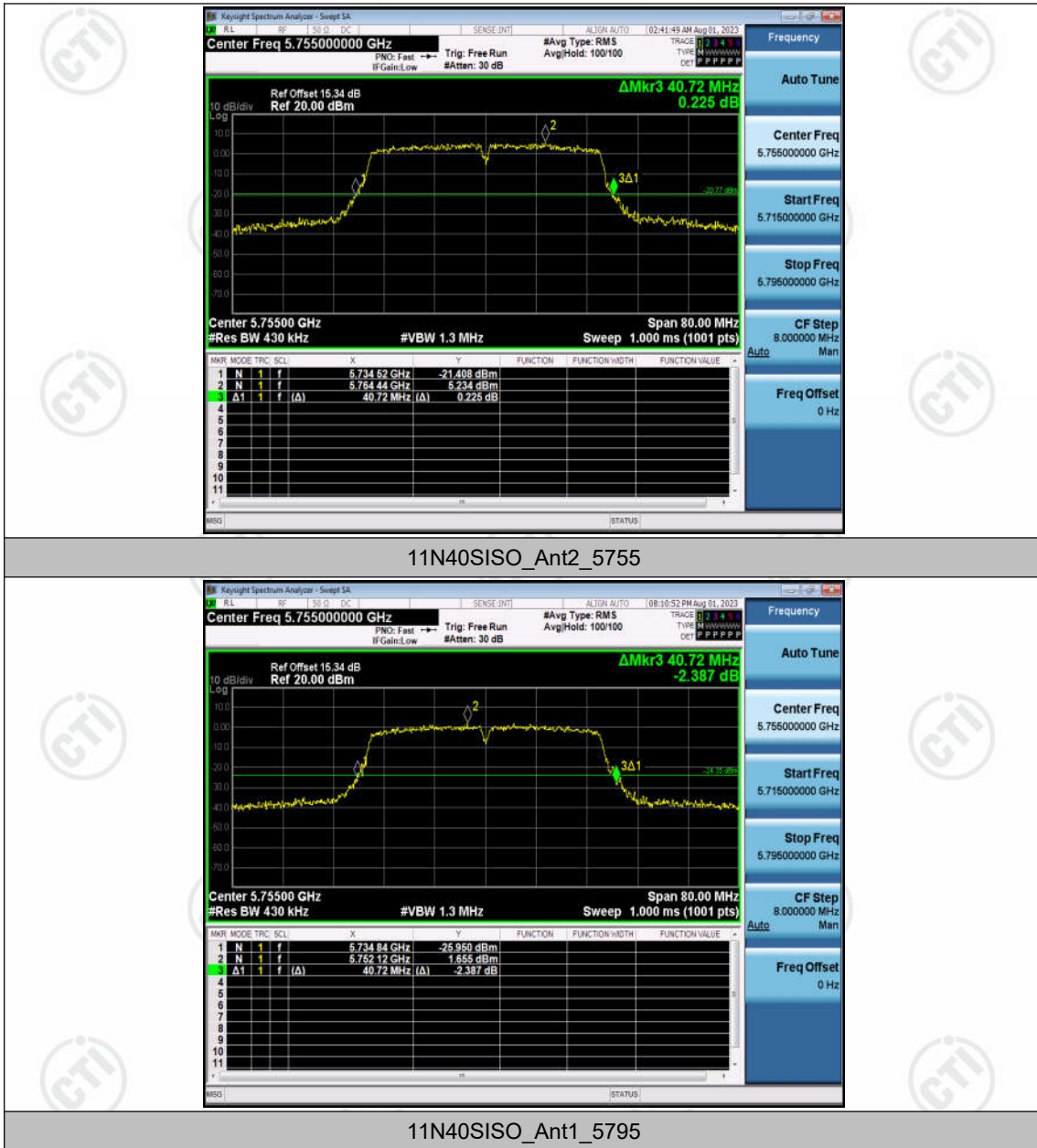


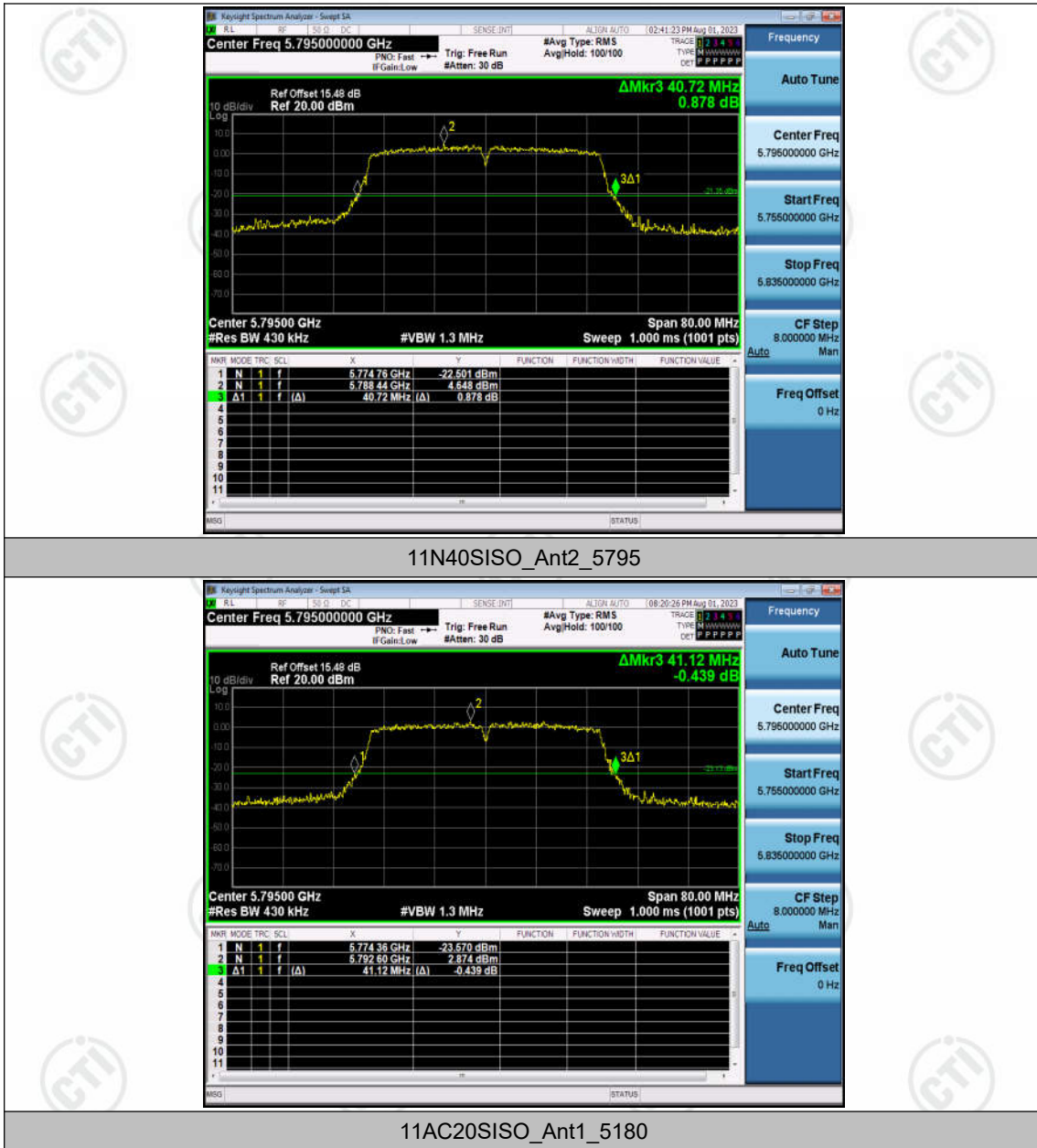


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11N40SISO\_Ant1\_5755



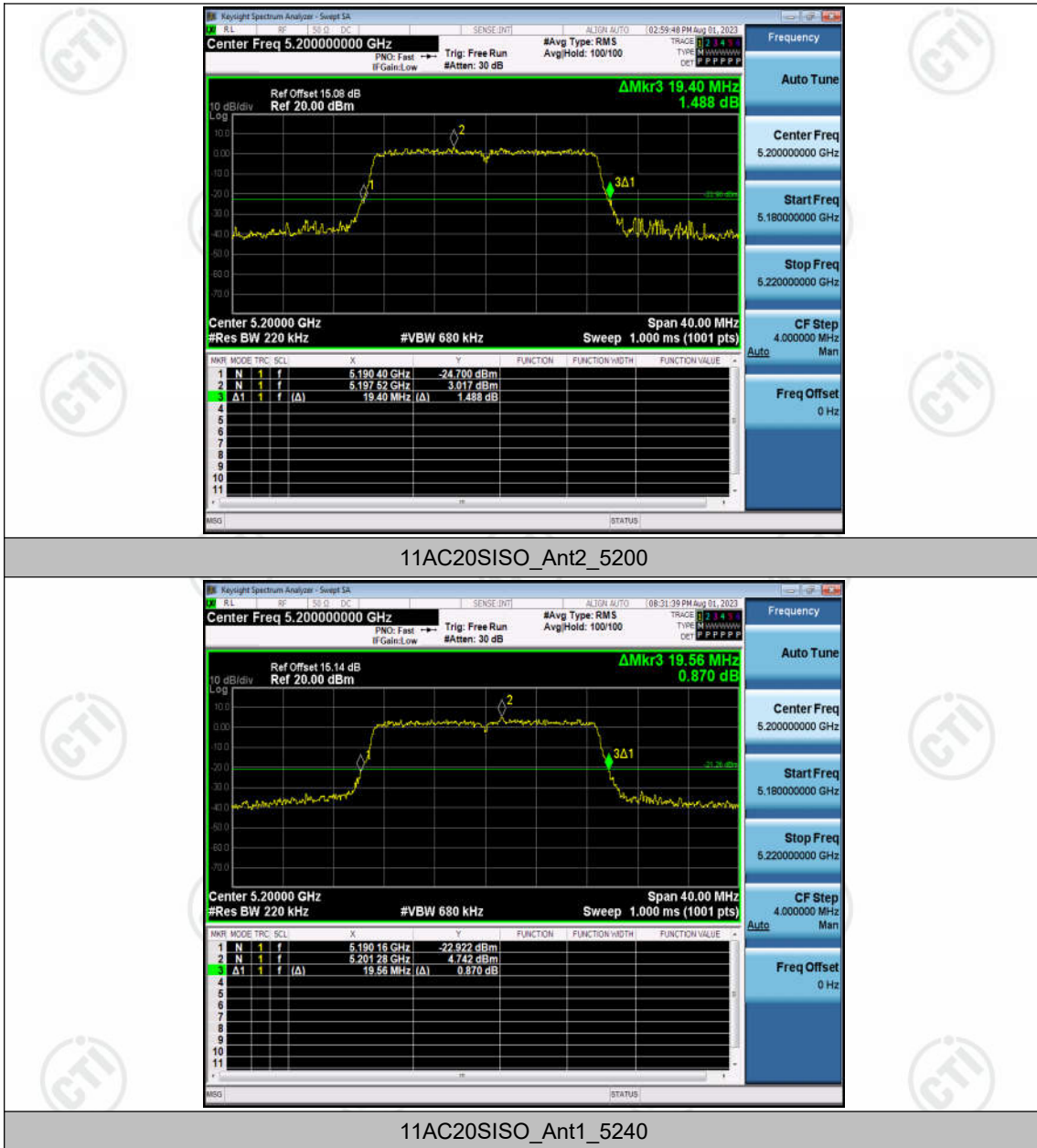




11AC20SISO\_Ant2\_5180



11AC20SISO\_Ant1\_5200

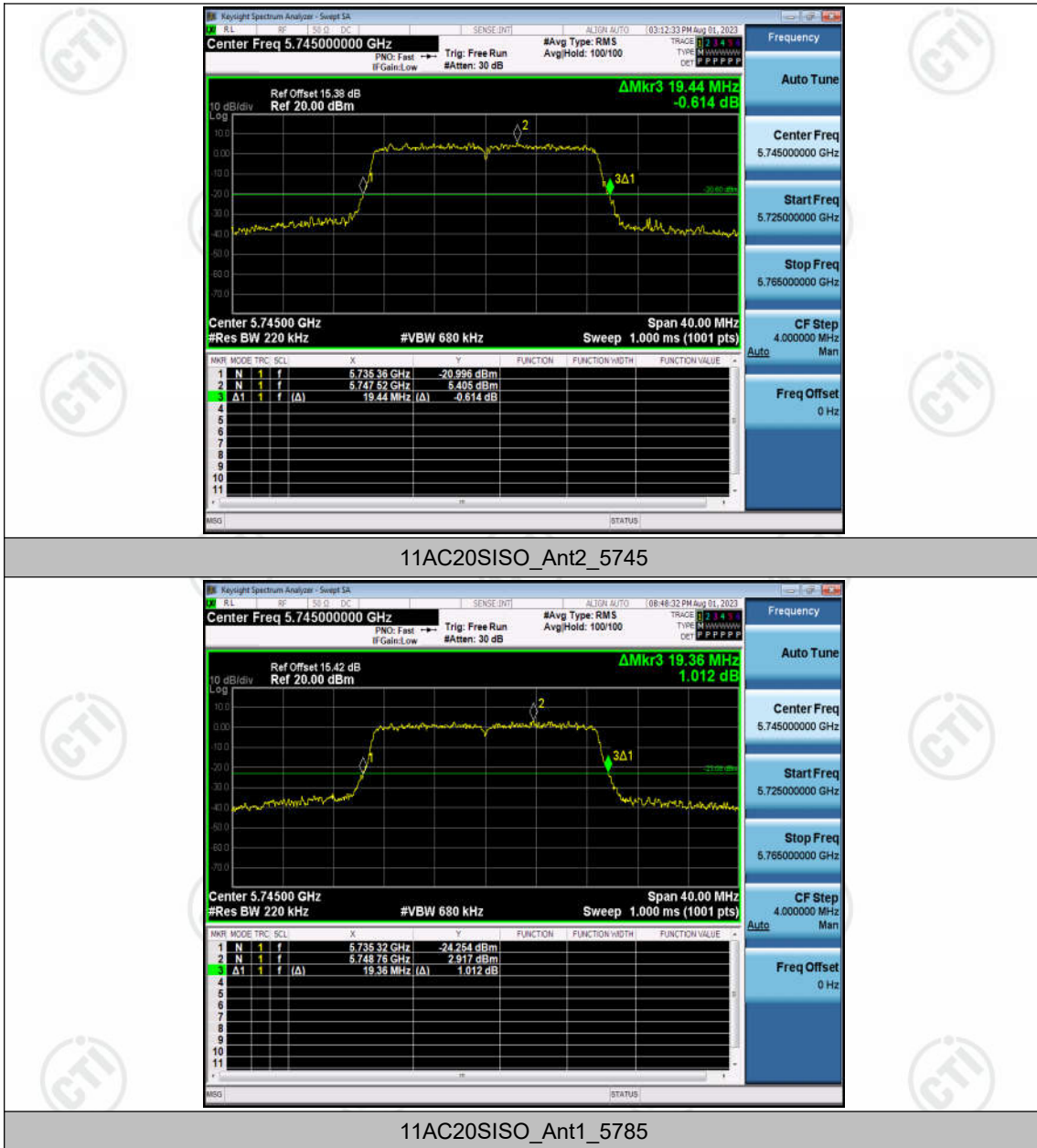




11AC20SISO\_Ant2\_5240



11AC20SISO\_Ant1\_5745







11AC20SISO\_Ant2\_5785



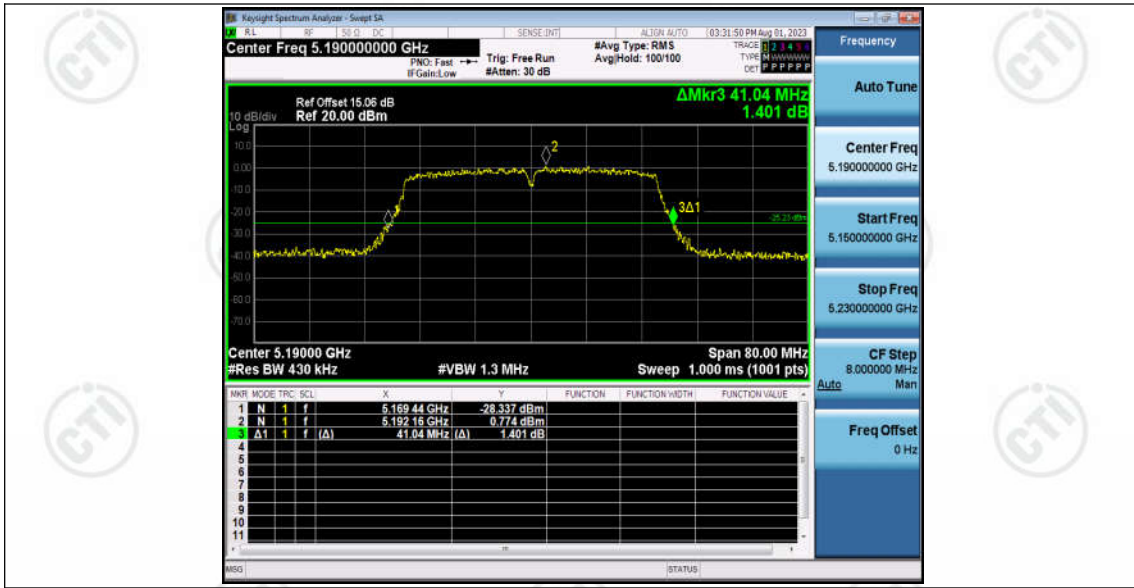
11AC20SISO\_Ant1\_5825



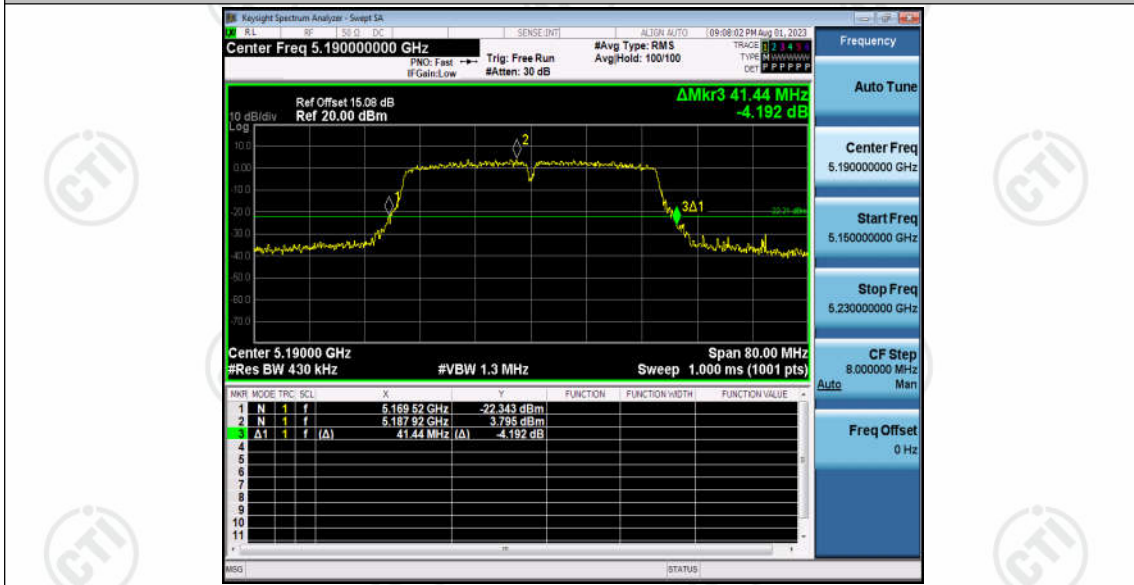
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111AC40SISO\_Ant1\_5190



11AC40SISO\_Ant2\_5190



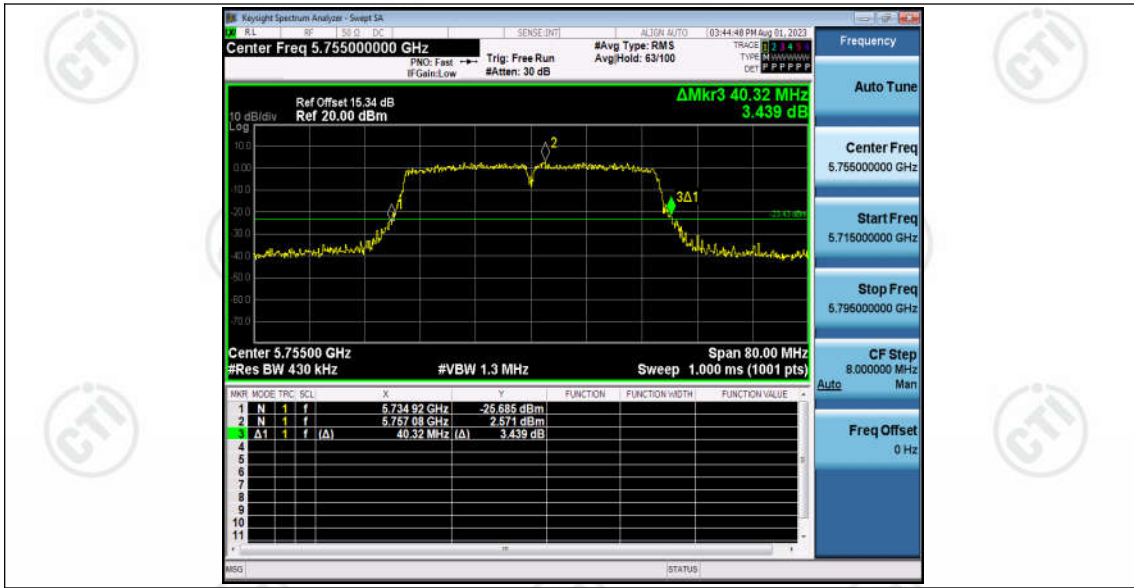
11AC40SISO\_Ant1\_5230



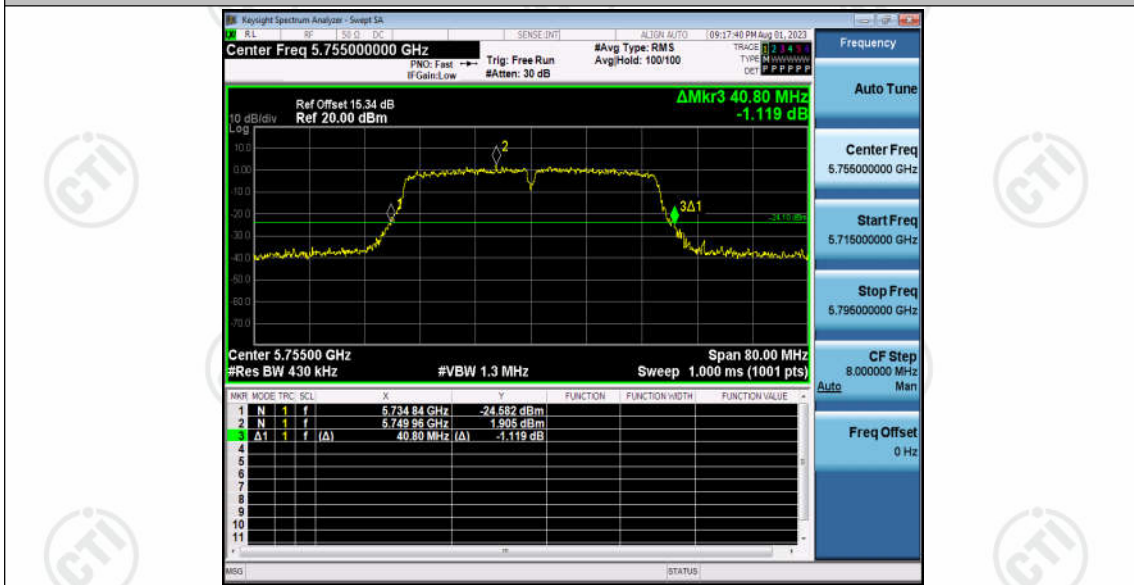
11AC40SISO\_Ant2\_5230



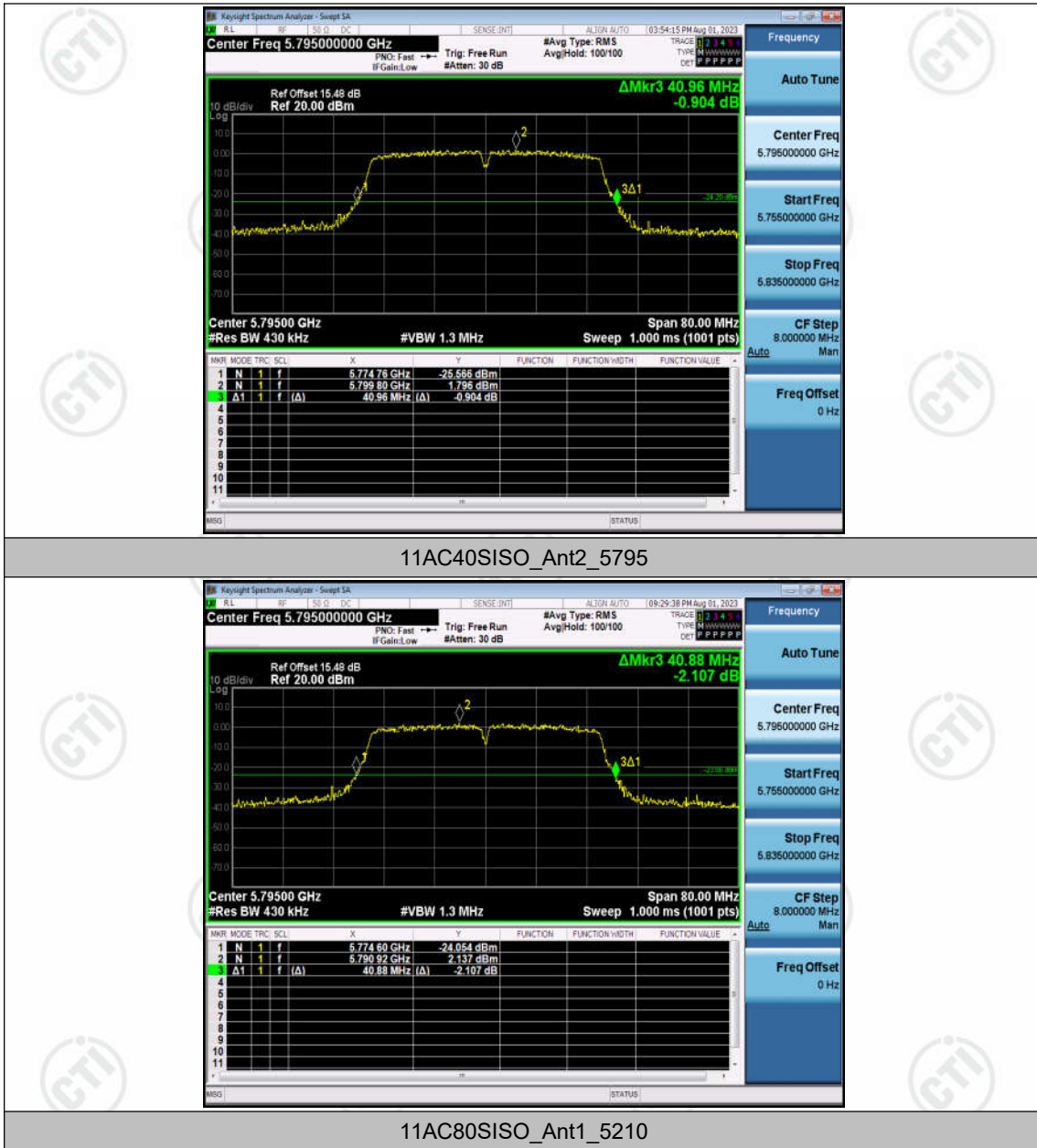
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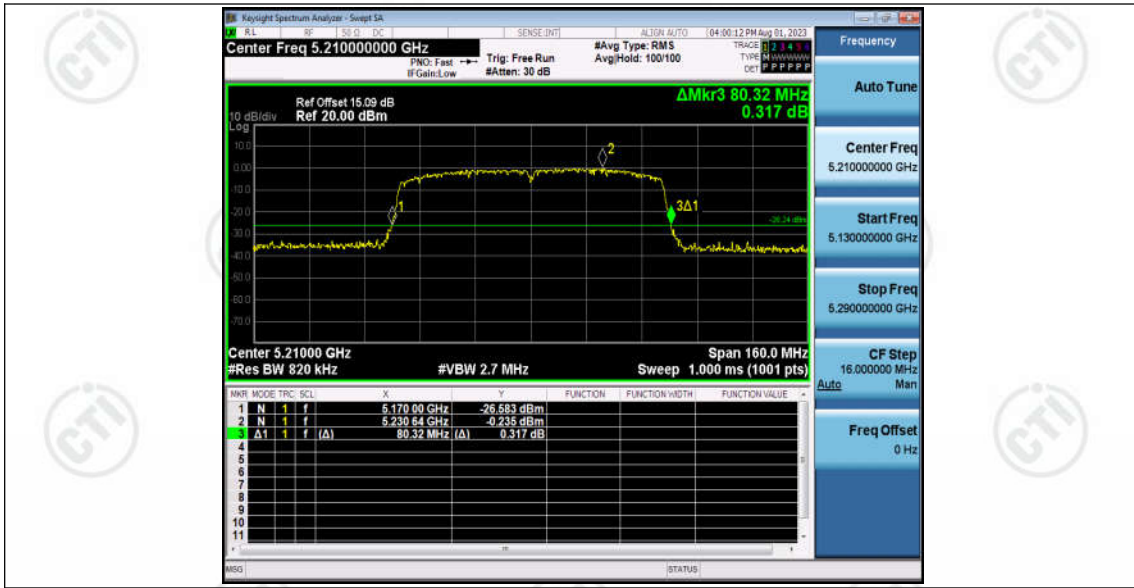


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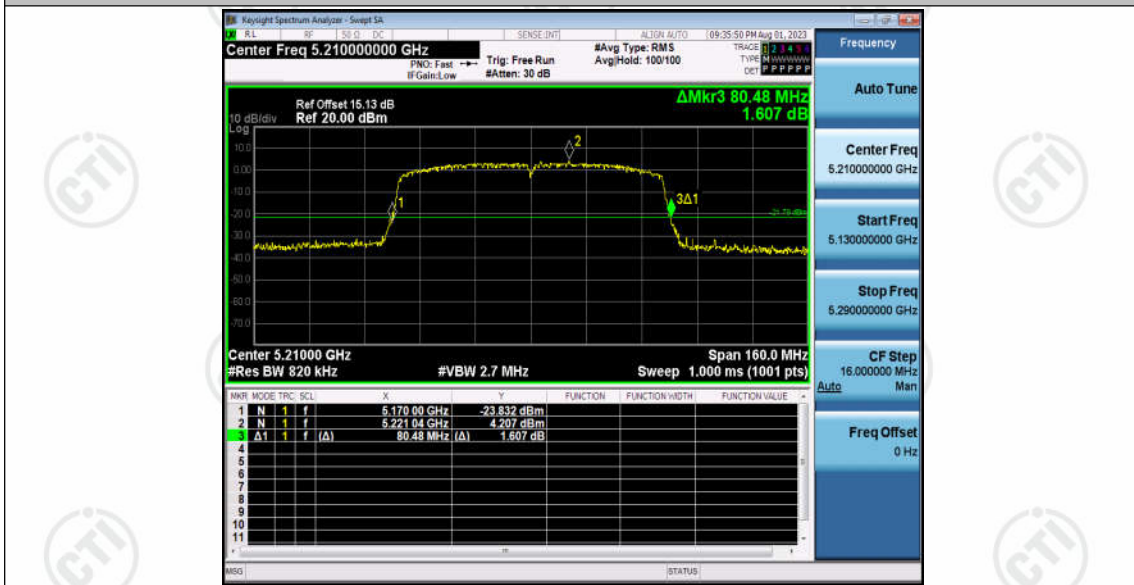


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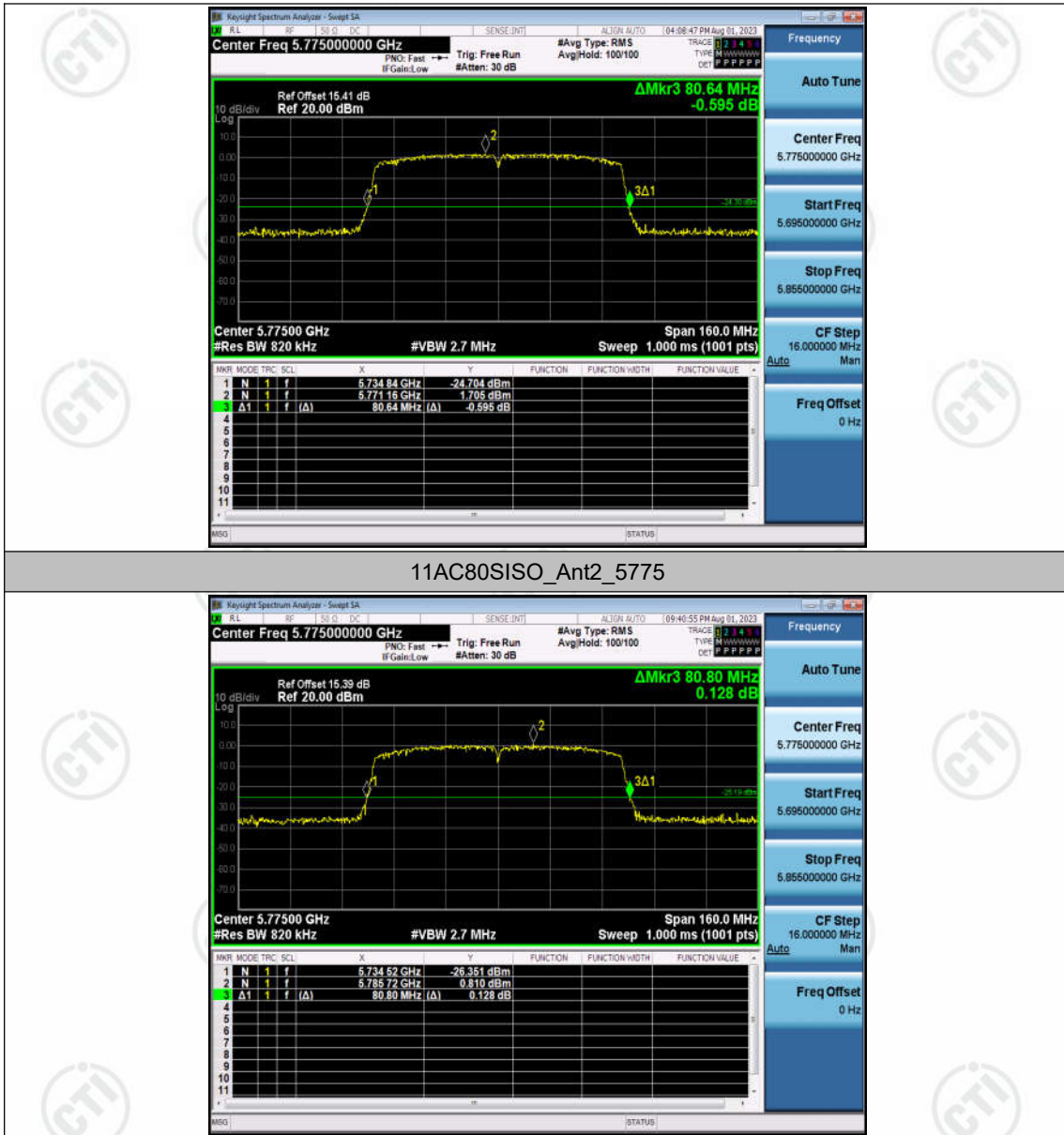




11AC80SISO\_Ant2\_5210



11AC80SISO\_Ant1\_5775





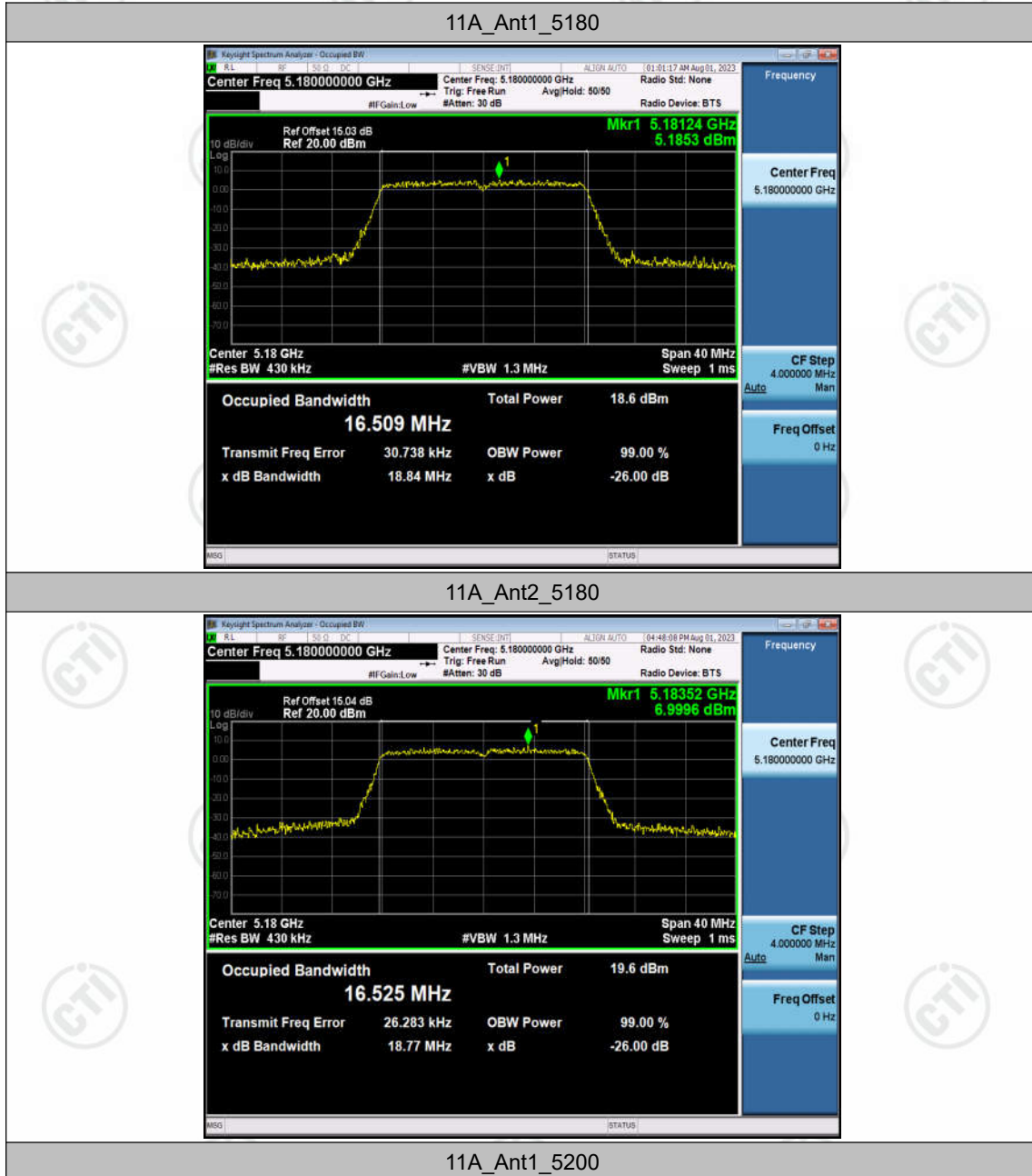
## Appendix B: Occupied channel bandwidth

### Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.509	5171.7762	5188.2852	---	---
	Ant2	5180	16.525	5171.7638	5188.2888	---	---
	Ant1	5200	16.486	5191.7676	5208.2536	---	---
	Ant2	5200	16.459	5191.7926	5208.2516	---	---
	Ant1	5240	16.516	5231.7478	5248.2638	---	---
	Ant2	5240	16.495	5231.7429	5248.2379	---	---
	Ant1	5745	16.514	5736.7438	5753.2578	---	---
	Ant2	5745	17.653	5736.1978	5753.8508	---	---
	Ant1	5785	16.533	5776.7388	5793.2718	---	---
	Ant2	5785	16.521	5776.7421	5793.2631	---	---
	Ant1	5825	16.484	5816.7434	5833.2274	---	---
	Ant2	5825	16.477	5816.7468	5833.2238	---	---
11N20SI SO	Ant1	5180	17.660	5171.1929	5188.8529	---	---
	Ant2	5180	17.644	5171.2006	5188.8446	---	---
	Ant1	5200	17.638	5191.1986	5208.8366	---	---
	Ant2	5200	17.616	5191.2144	5208.8304	---	---
	Ant1	5240	17.637	5231.1842	5248.8212	---	---
	Ant2	5240	17.649	5231.1841	5248.8331	---	---
	Ant1	5745	17.663	5736.1785	5753.8415	---	---
	Ant2	5745	17.675	5736.1820	5753.8570	---	---
	Ant1	5785	17.644	5776.2025	5793.8465	---	---
	Ant2	5785	17.648	5776.1811	5793.8291	---	---
	Ant1	5825	17.663	5816.1687	5833.8317	---	---
	Ant2	5825	17.666	5816.1827	5833.8487	---	---
11N40SI SO	Ant1	5190	36.108	5172.0529	5208.1609	---	---
	Ant2	5190	36.167	5171.9447	5208.1117	---	---
	Ant1	5230	36.102	5211.9945	5248.0965	---	---
	Ant2	5230	36.123	5211.9377	5248.0607	---	---
	Ant1	5755	36.216	5736.9258	5773.1418	---	---
	Ant2	5755	36.132	5736.9820	5773.1140	---	---
	Ant1	5795	36.169	5776.9033	5813.0723	---	---
	Ant2	5795	36.116	5776.9664	5813.0824	---	---
11AC20S ISO	Ant1	5180	17.621	5171.2248	5188.8458	---	---
	Ant2	5180	17.660	5171.1838	5188.8438	---	---
	Ant1	5200	17.659	5191.1820	5208.8410	---	---

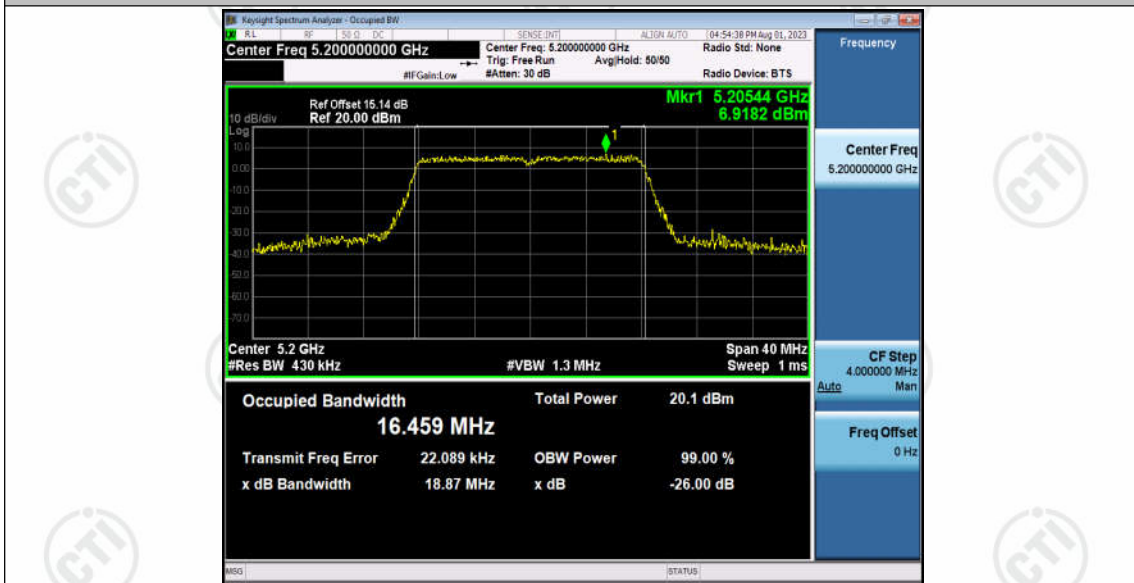
	Ant2	5200	17.658	5191.1839	5208.8419	---	---
	Ant1	5240	17.650	5231.2023	5248.8523	---	---
	Ant2	5240	17.671	5231.1609	5248.8319	---	---
	Ant1	5745	17.638	5736.1828	5753.8208	---	---
	Ant2	5745	17.662	5736.1902	5753.8522	---	---
	Ant1	5785	17.668	5776.1683	5793.8363	---	---
	Ant2	5785	17.661	5776.1615	5793.8225	---	---
	Ant1	5825	17.669	5816.1519	5833.8209	---	---
	Ant2	5825	17.655	5816.1829	5833.8379	---	---
11AC40S ISO	Ant1	5190	36.224	5171.9489	5208.1729	---	---
	Ant2	5190	36.102	5172.0014	5208.1034	---	---
	Ant1	5230	36.105	5211.9861	5248.0911	---	---
	Ant2	5230	36.104	5211.9085	5248.0125	---	---
	Ant1	5755	36.114	5736.9987	5773.1127	---	---
	Ant2	5755	36.105	5737.0287	5773.1337	---	---
	Ant1	5795	36.218	5776.8755	5813.0935	---	---
	Ant2	5795	36.182	5776.9487	5813.1307	---	---
11AC80S ISO	Ant1	5210	74.680	5173.0436	5247.7236	---	---
	Ant2	5210	74.790	5172.7375	5247.5275	---	---
	Ant1	5775	74.712	5737.7674	5812.4794	---	---
	Ant2	5775	74.610	5737.8530	5812.4630	---	---

## Test Graphs

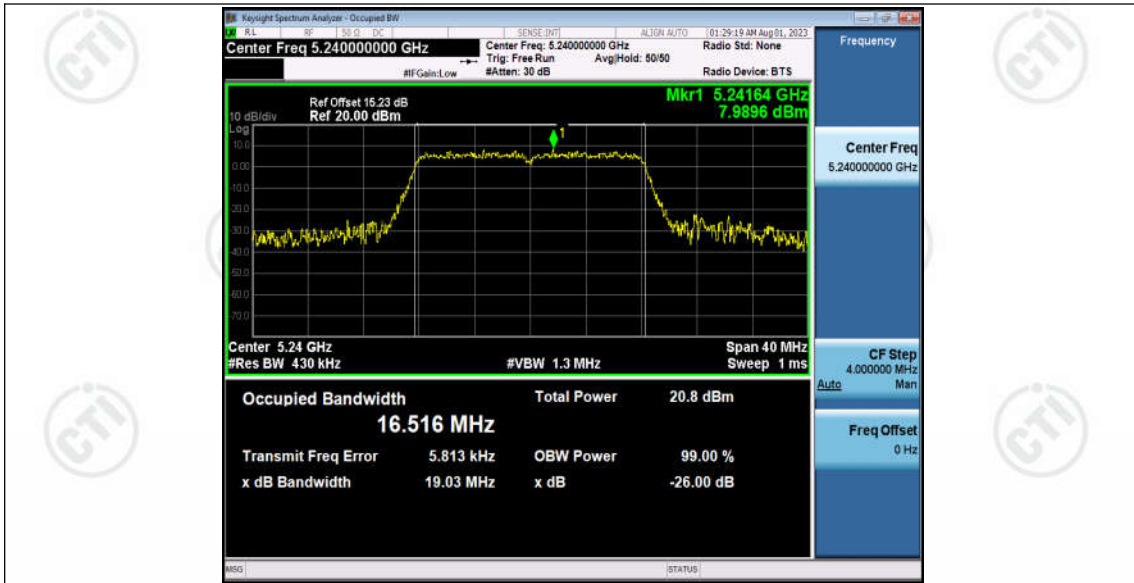




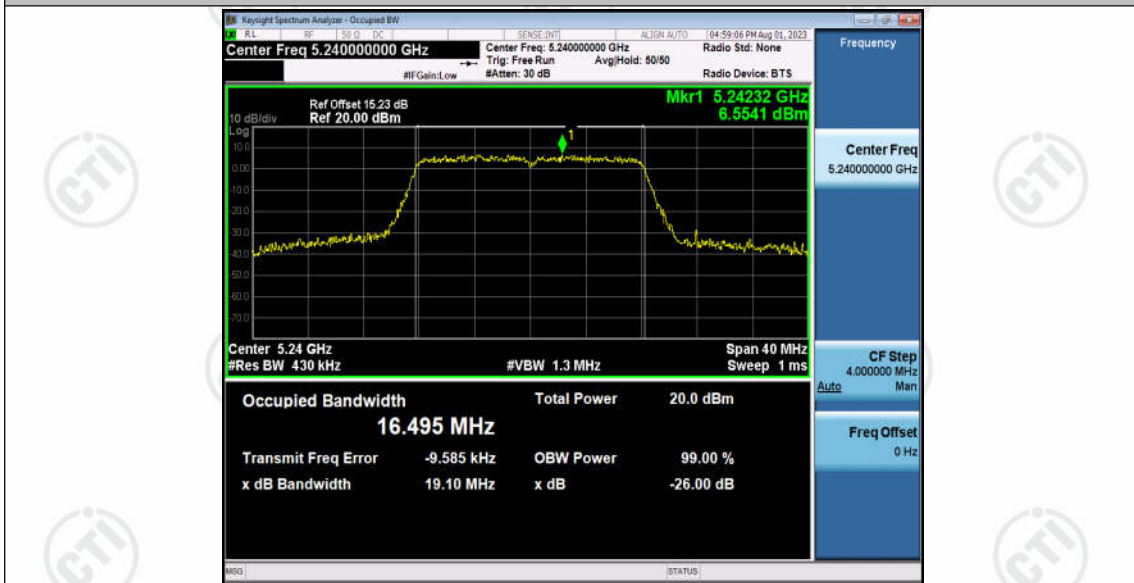
11A\_Ant2\_5200



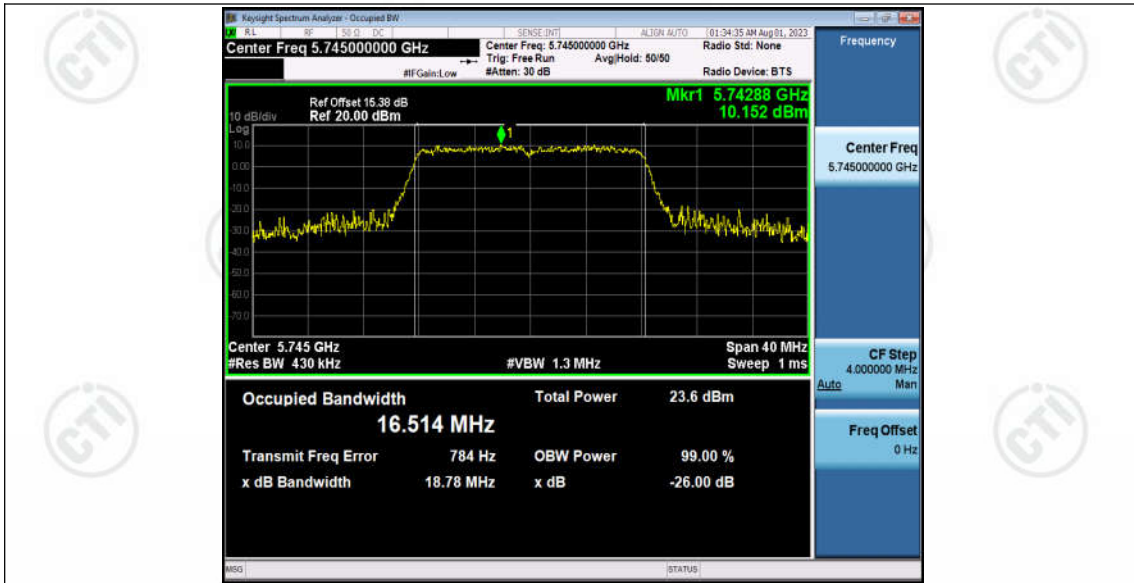
11A\_Ant1\_5240



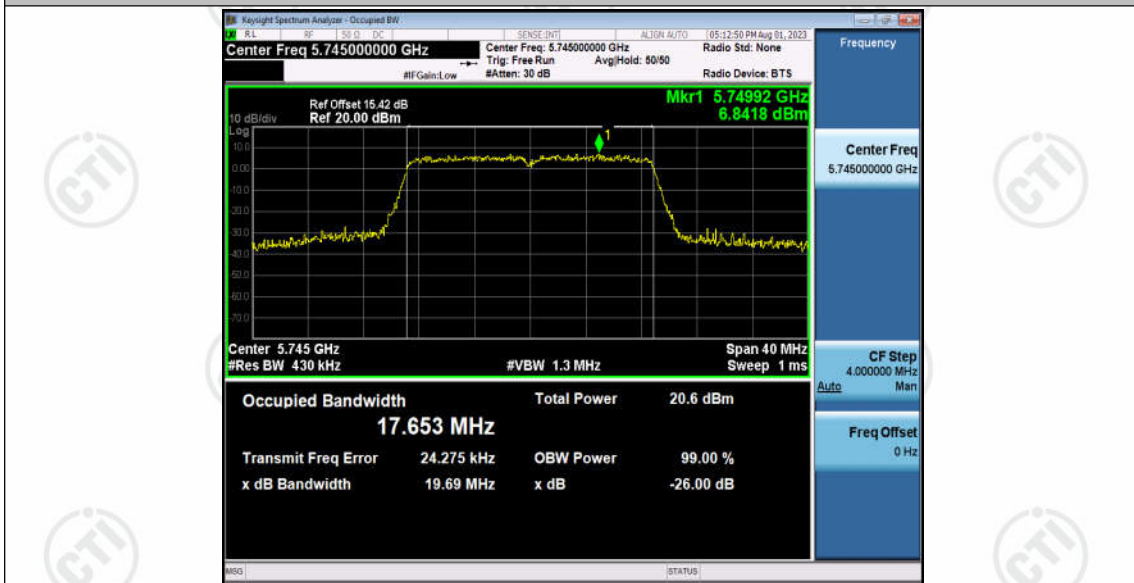
11A\_Ant2\_5240



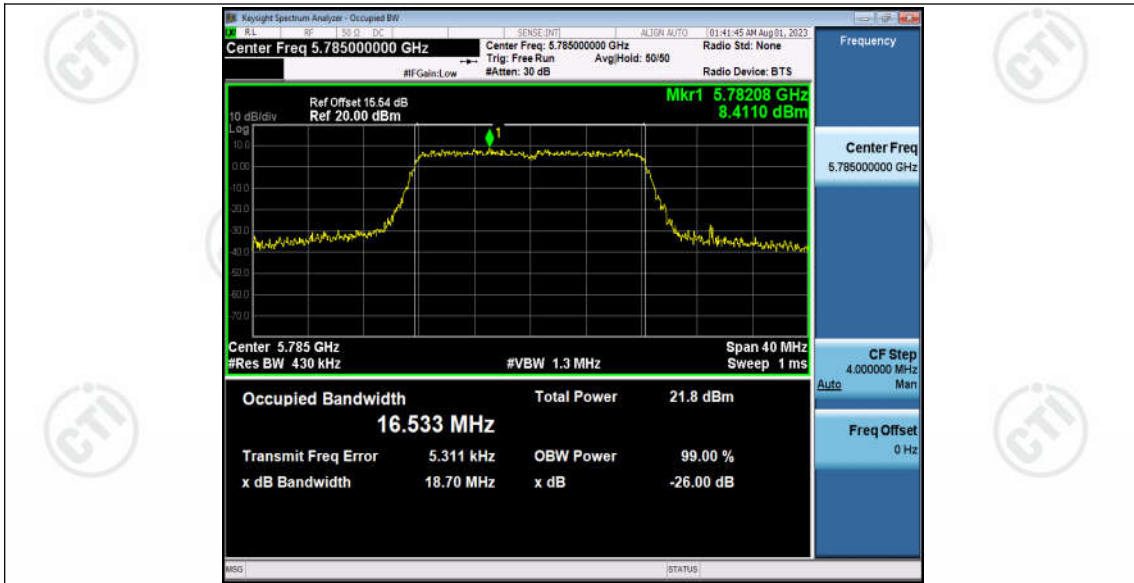
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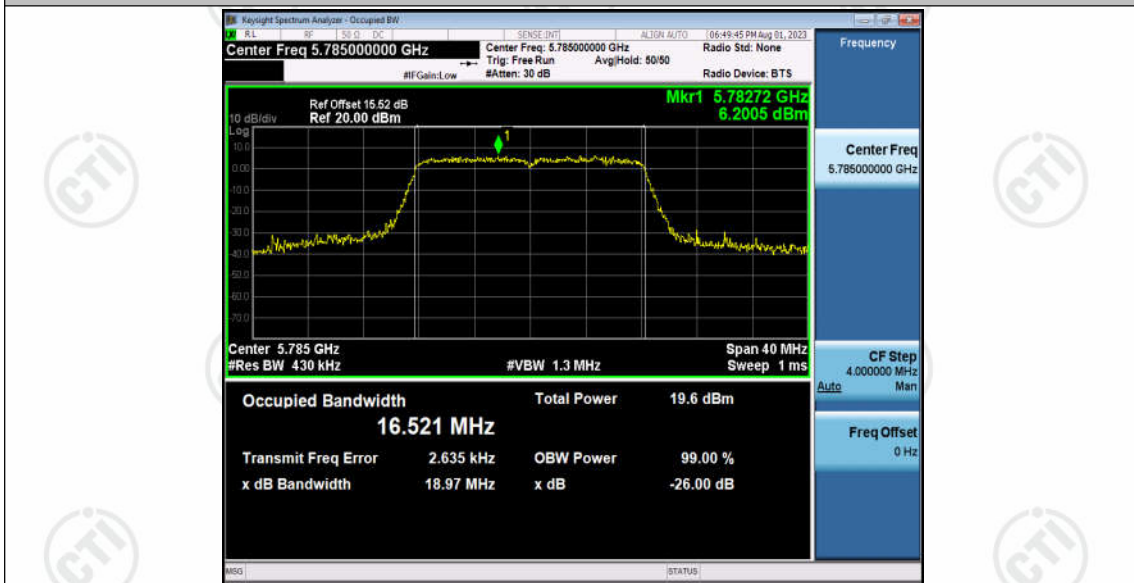
11A\_Ant2\_5745



11A\_Ant1\_5785



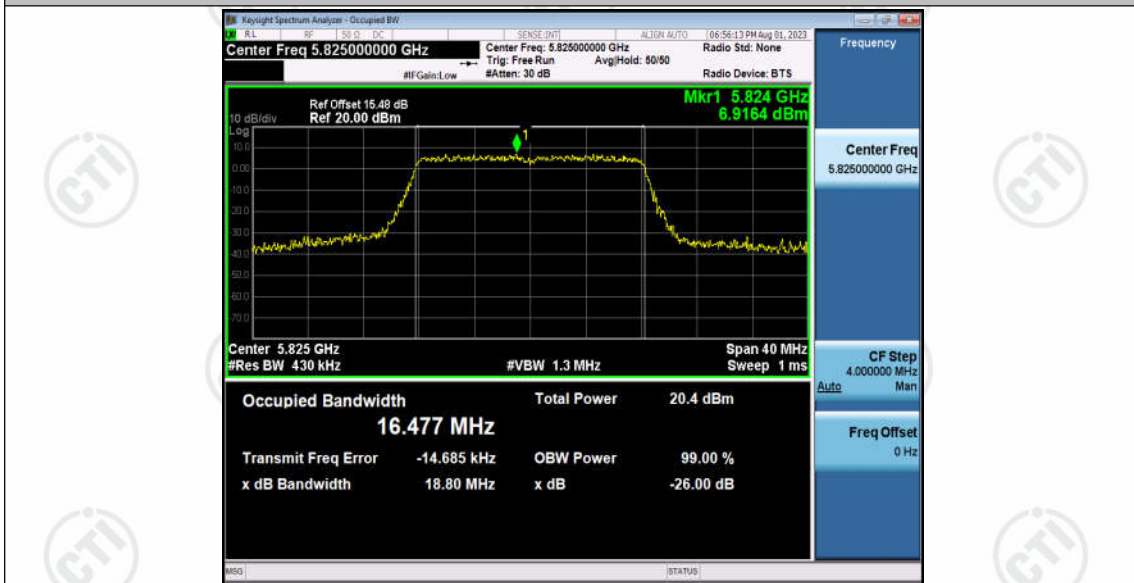
11A\_Ant2\_5785



11A\_Ant1\_5825

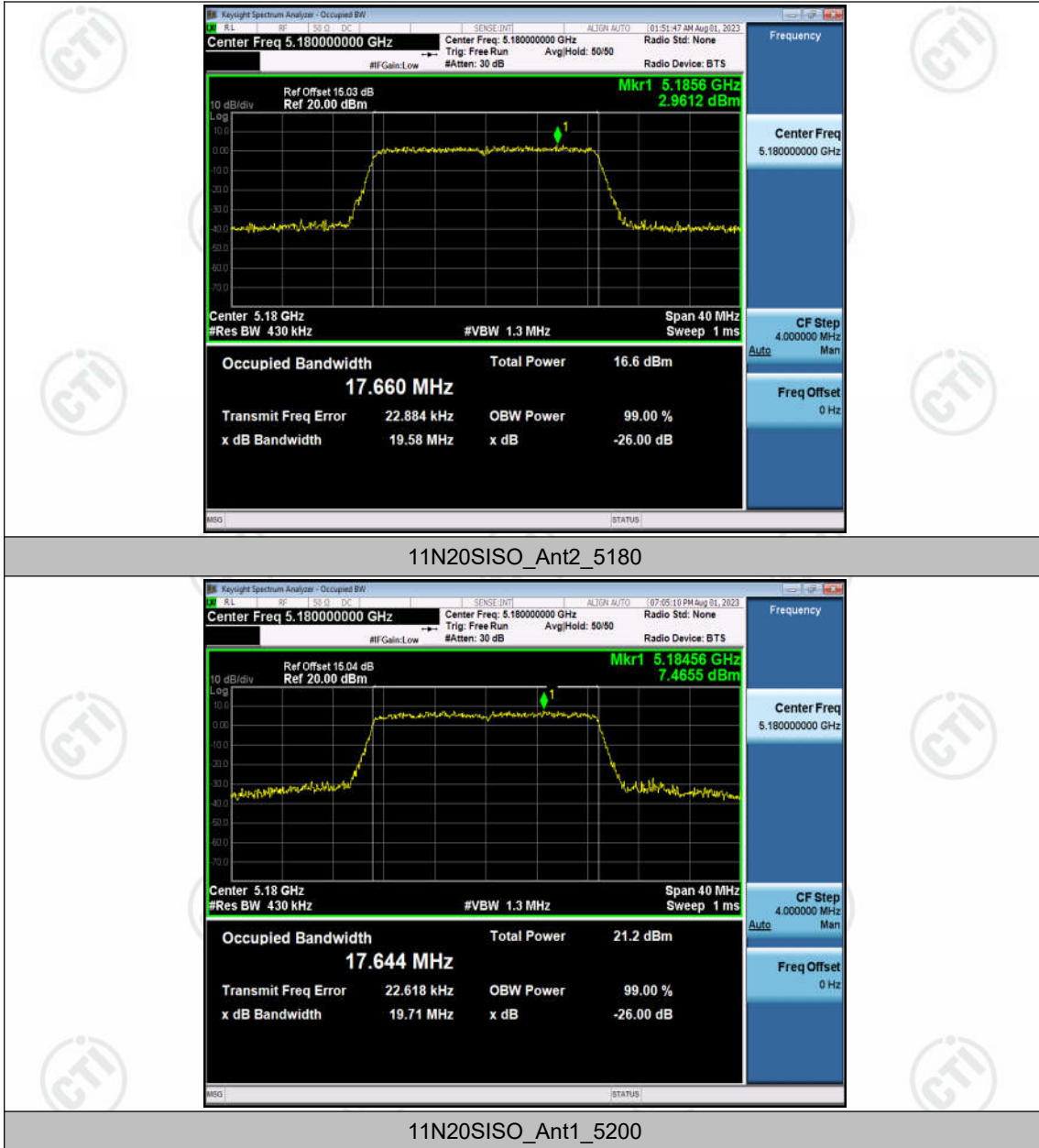


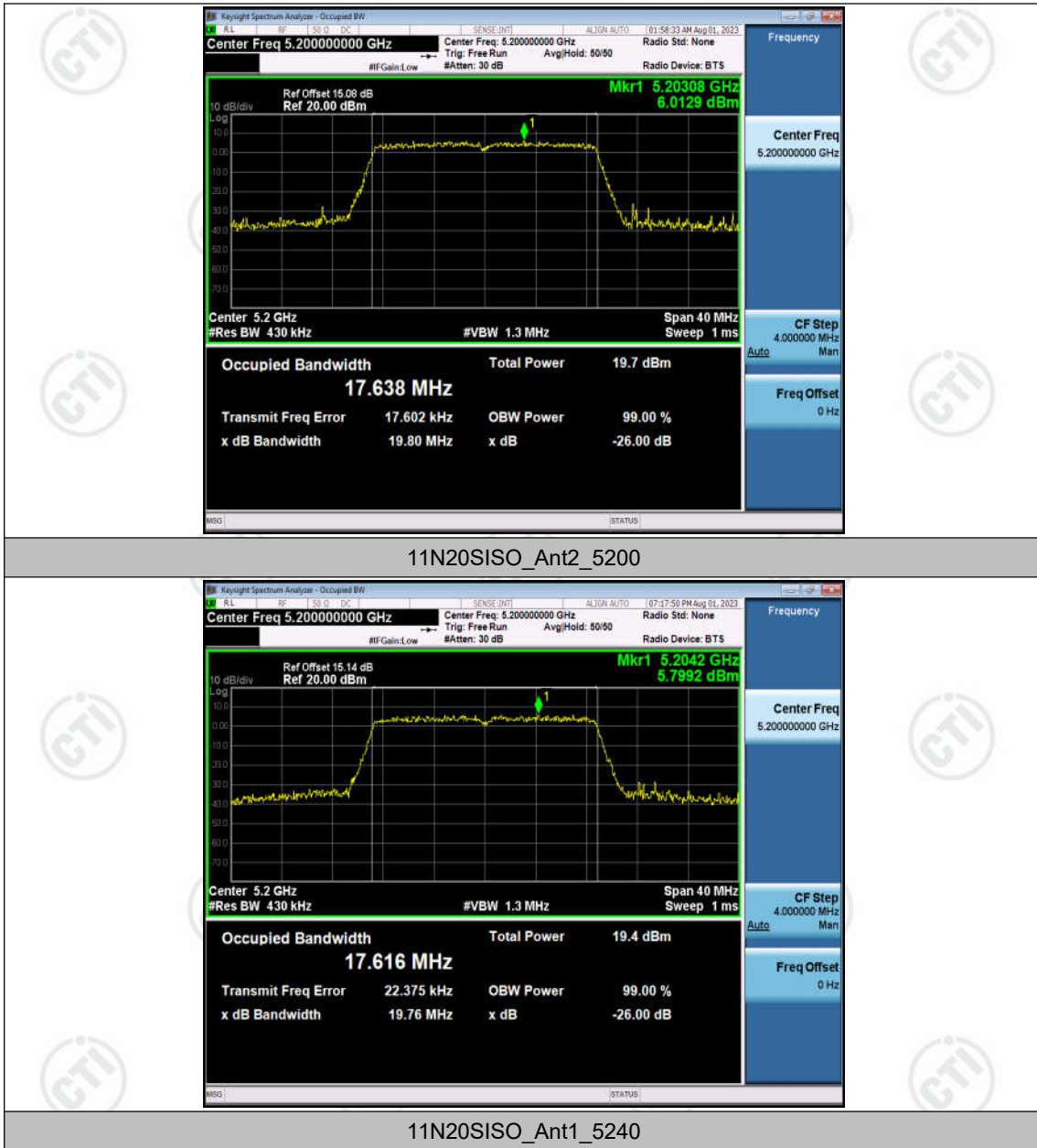
11A\_Ant2\_5825

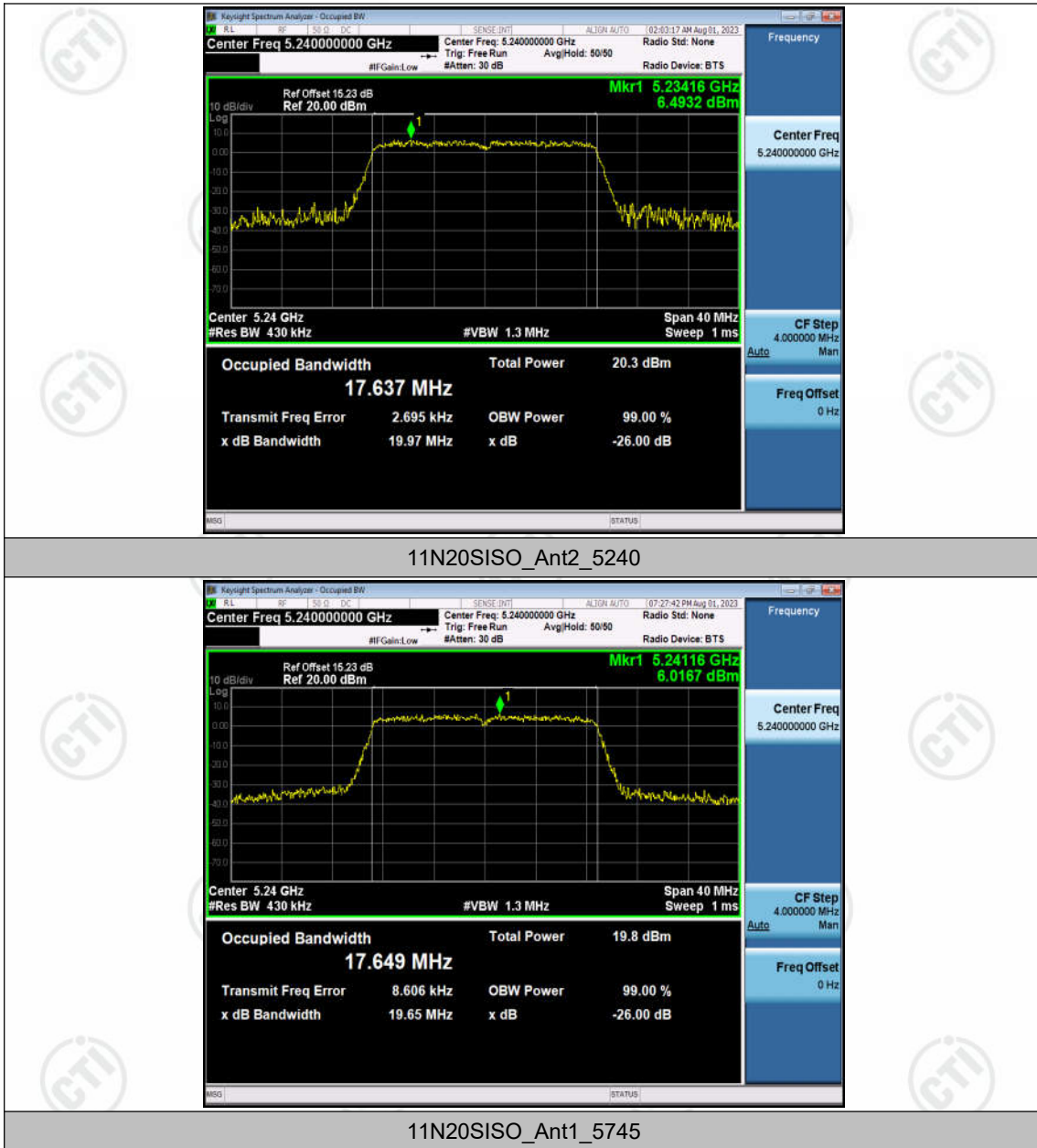


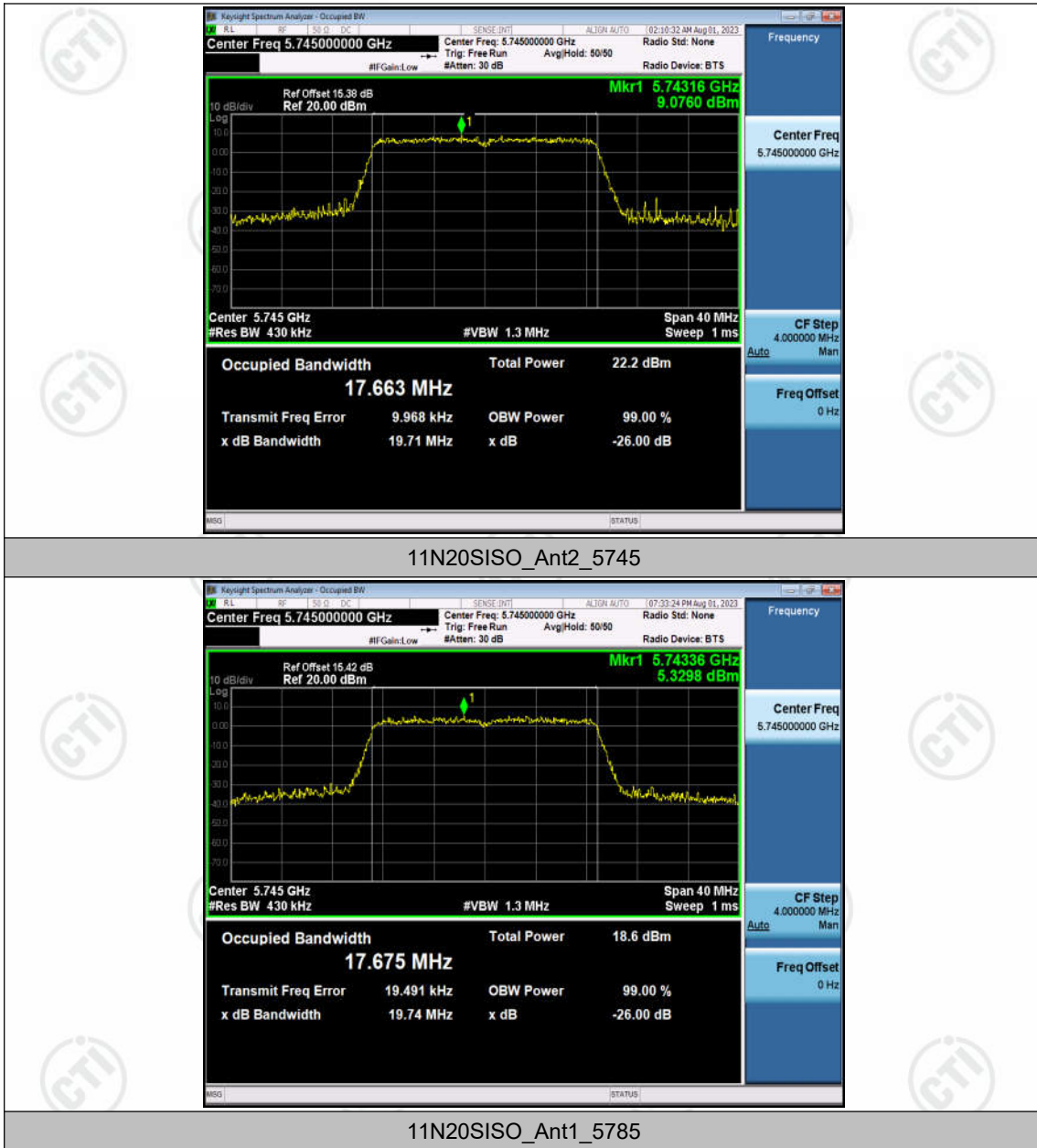
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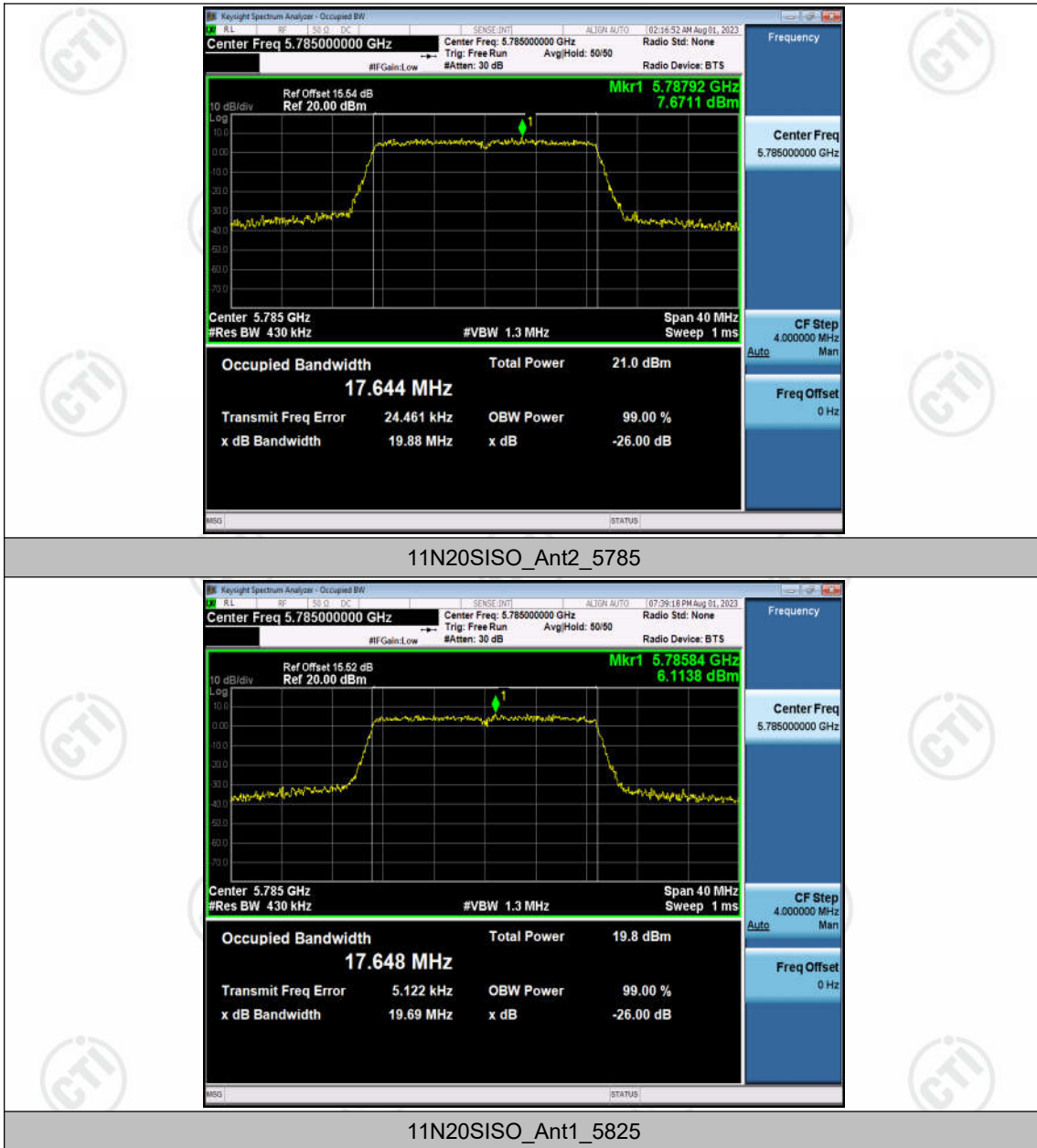


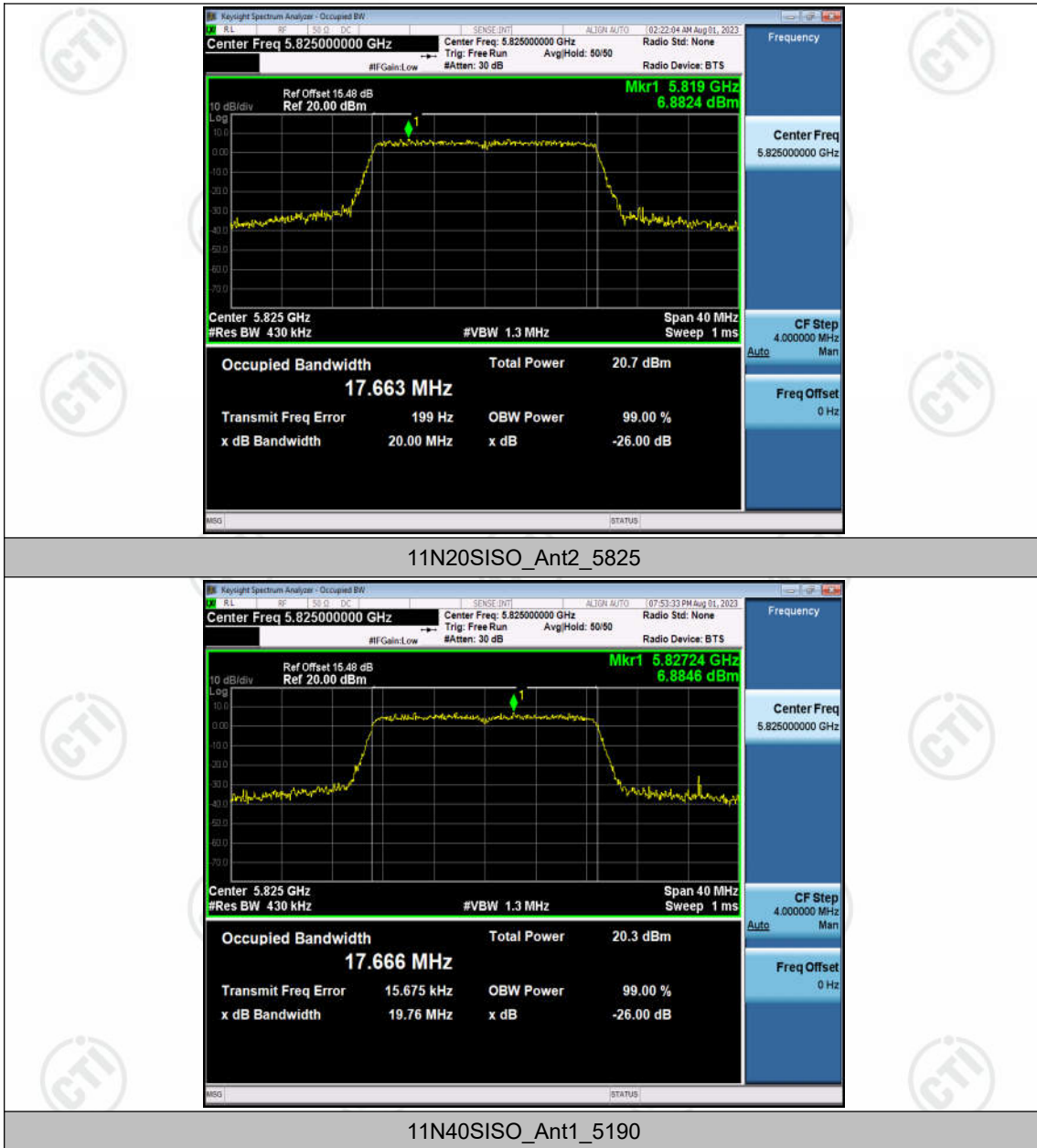


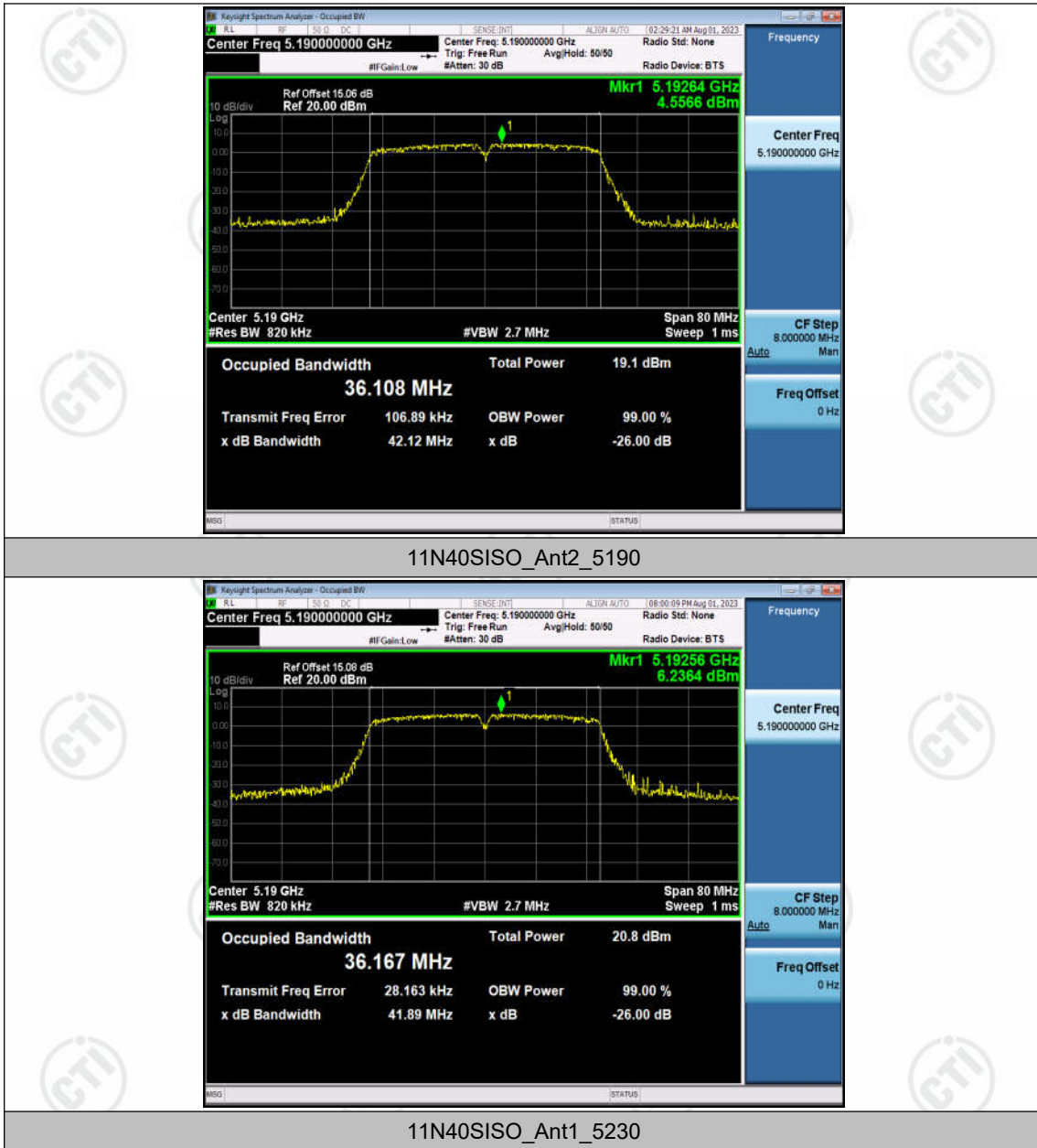


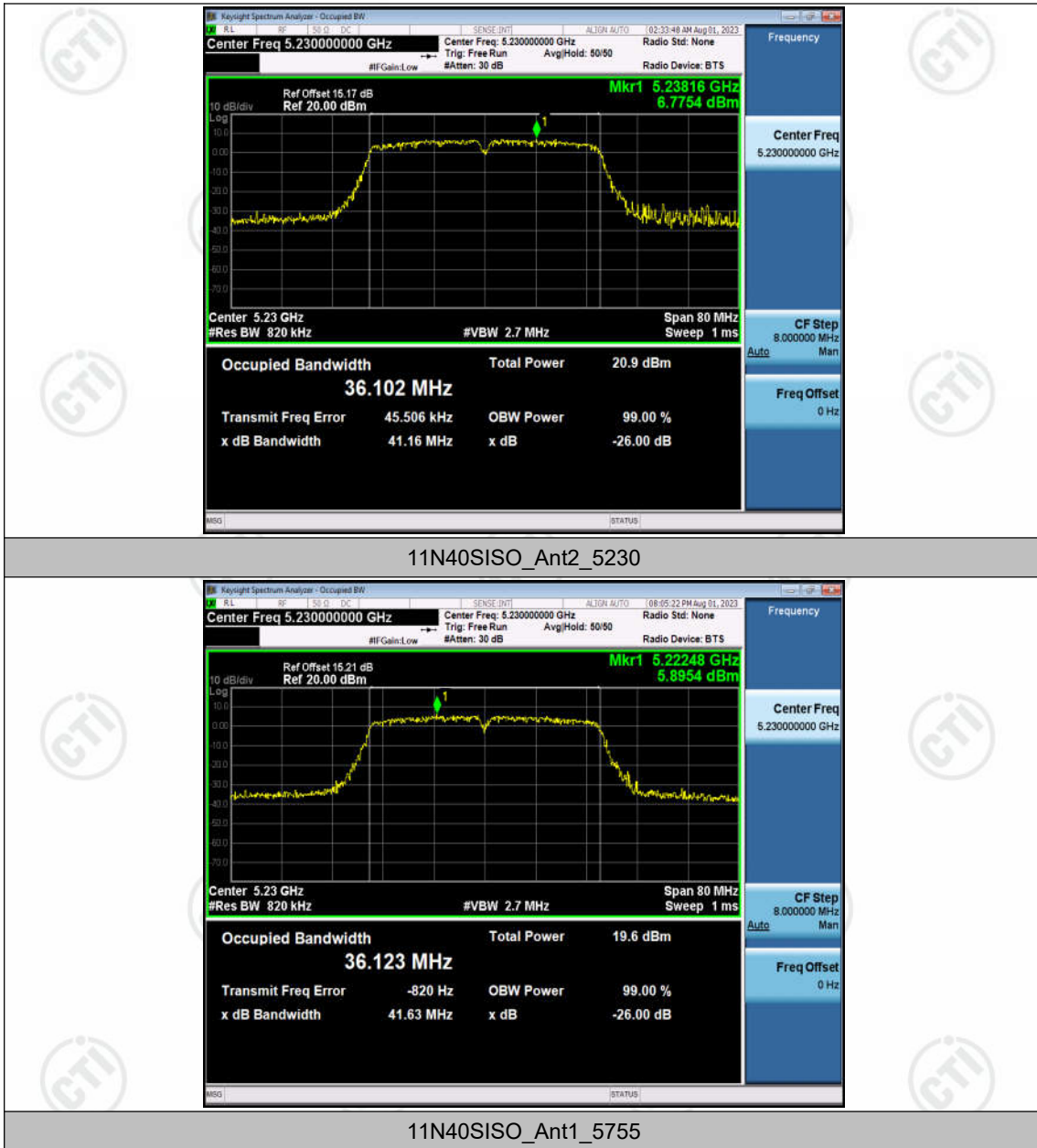




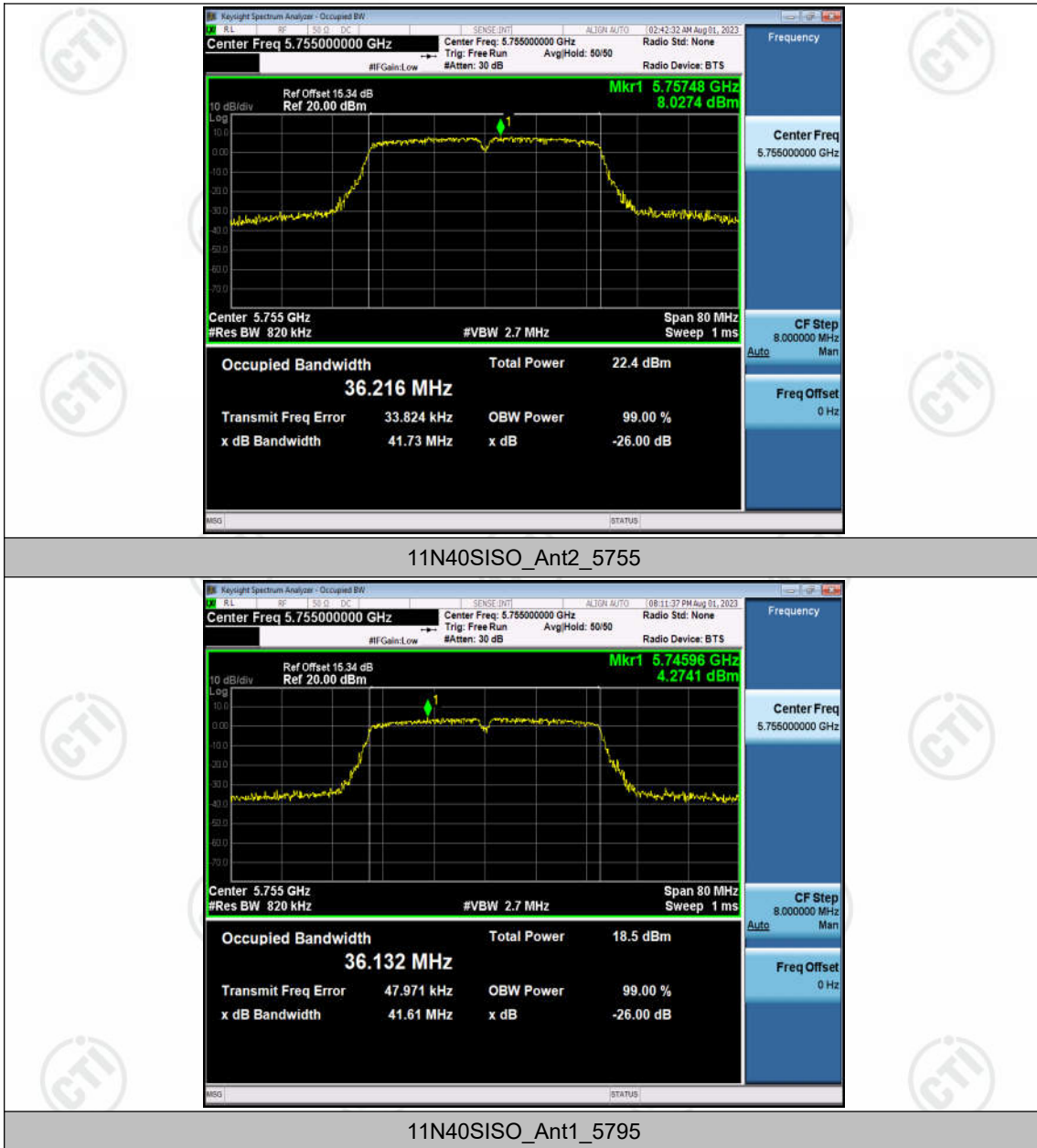


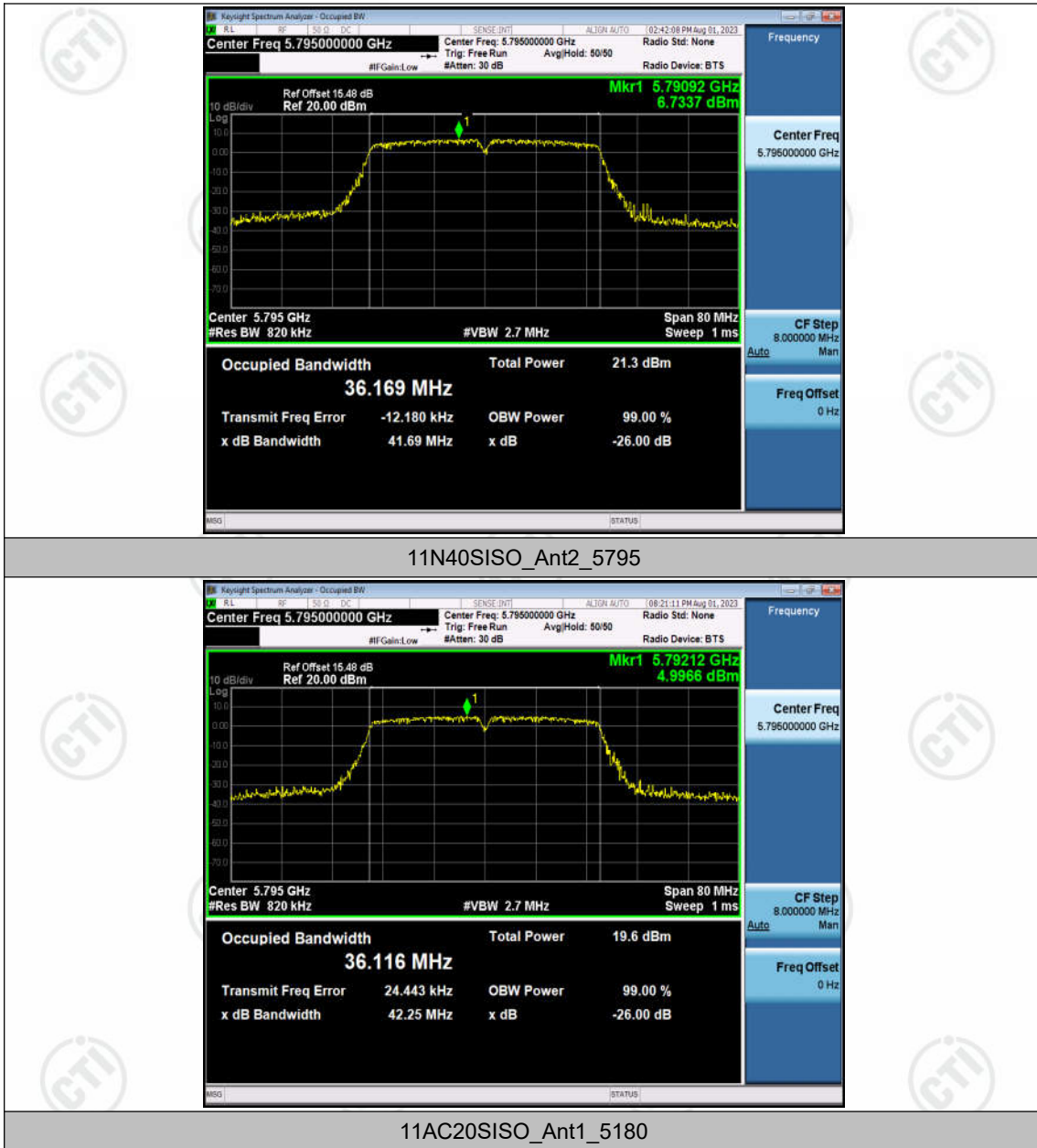


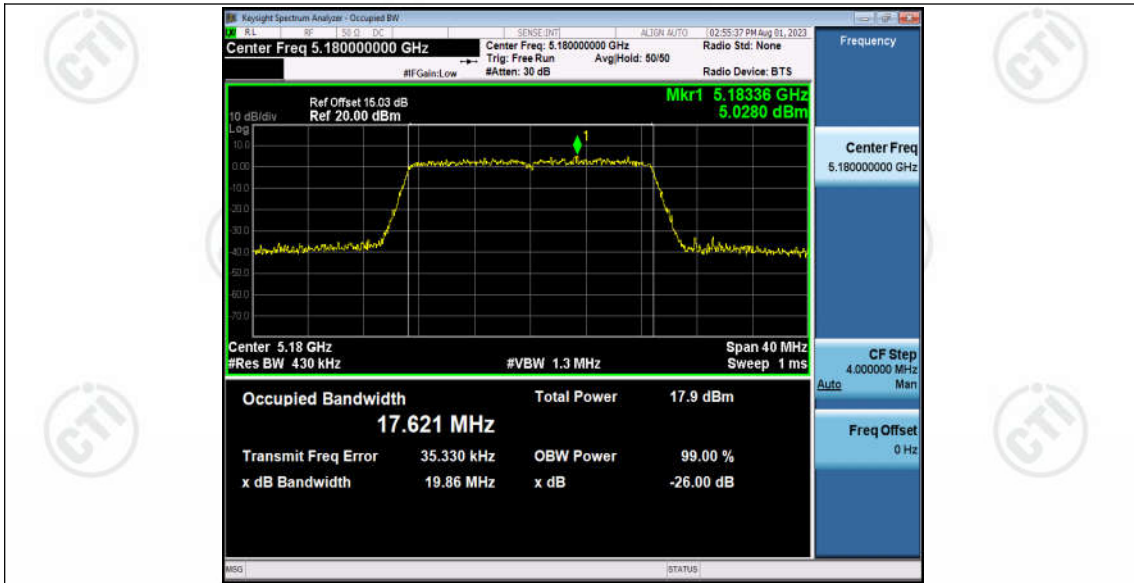




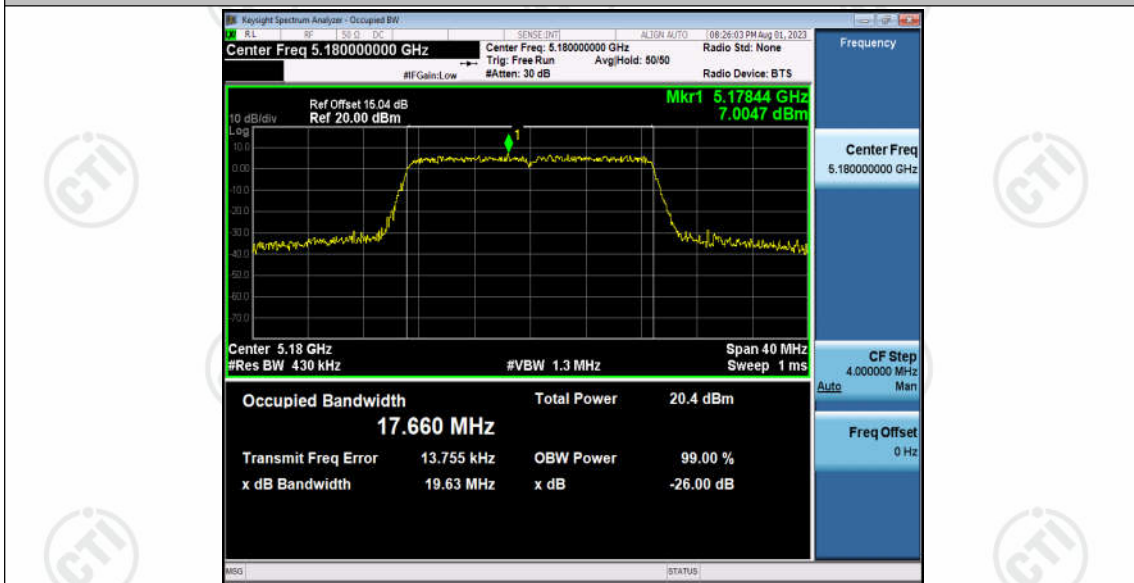








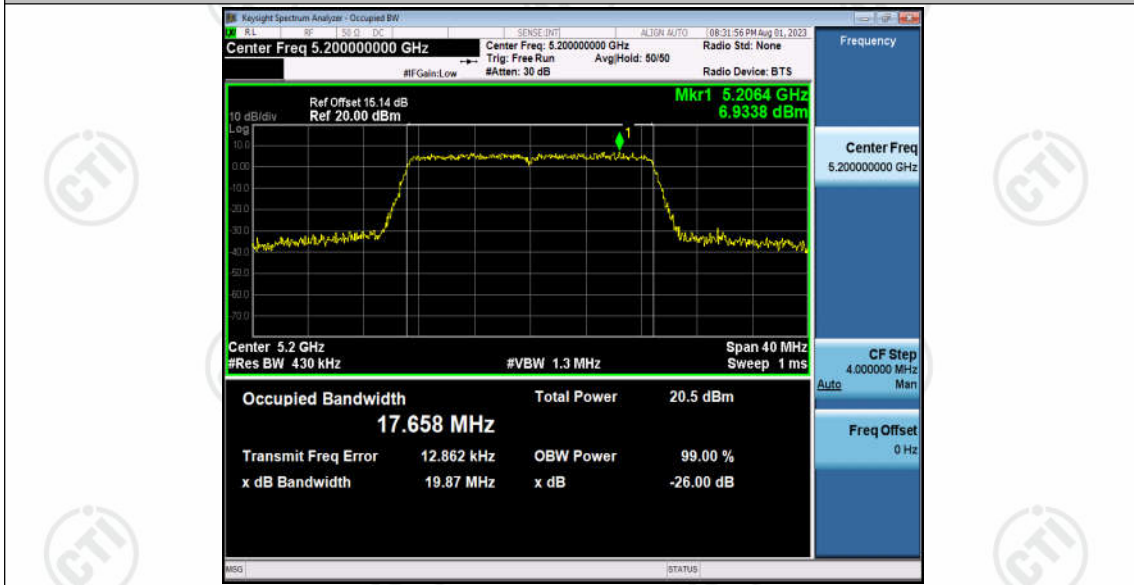
11AC20SISO\_Ant2\_5180



11AC20SISO\_Ant1\_5200



11AC20SISO\_Ant2\_5200



11AC20SISO\_Ant1\_5240