

FCC Appendix RF Test Data for 5GWIFI

FCC ID : 2A9V8-CORE30

Company : CZUR TECH CO., LTD

EUT : Smart Work Station

Model Number : StarryHub Core30

Report No. : CTA25111704304

Reviewed By : Eric Wang

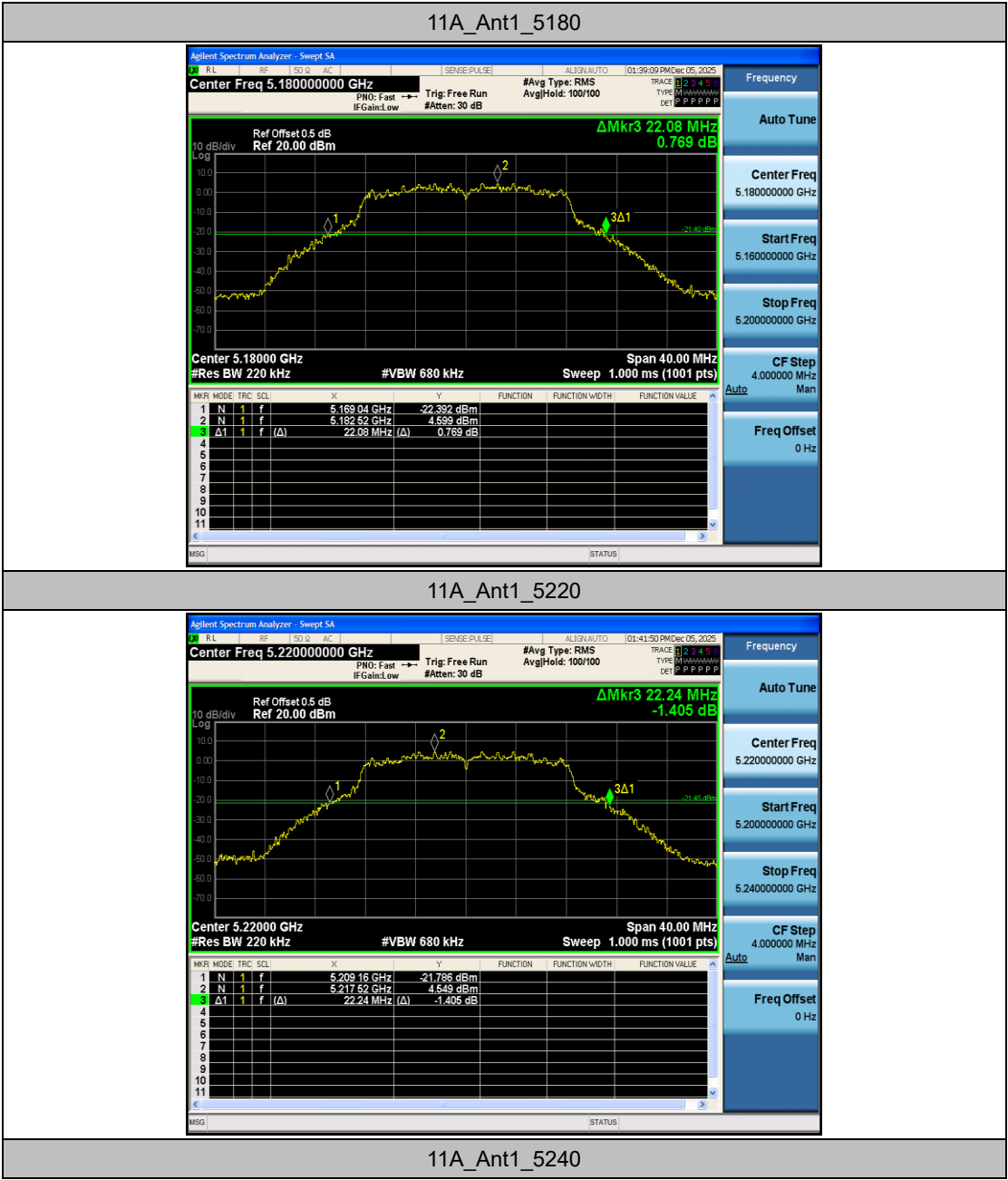
Appendix RF Test Data for 5GWIFI Module 1

Appendix A1: Emission Bandwidth

Test Result

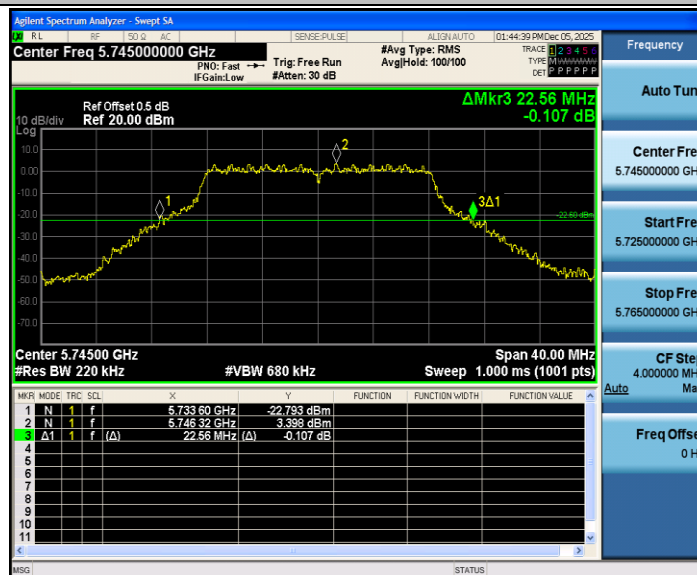
TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	22.080	5169.040	5191.120	---	---
		5220	22.240	5209.160	5231.400	---	---
		5240	21.840	5228.800	5250.640	---	---
		5745	22.560	5733.600	5756.160	---	---
		5785	22.680	5773.920	5796.600	---	---
		5825	24.120	5812.760	5836.880	---	---
11N20SISO	Ant1	5180	23.120	5168.720	5191.840	---	---
		5220	22.520	5208.520	5231.040	---	---
		5240	22.720	5228.720	5251.440	---	---
		5745	23.200	5733.040	5756.240	---	---
		5785	23.320	5773.480	5796.800	---	---
		5825	22.920	5813.360	5836.280	---	---
11N40SISO	Ant1	5190	43.040	5168.560	5211.600	---	---
		5230	43.200	5208.480	5251.680	---	---
		5755	44.800	5732.920	5777.720	---	---
		5795	44.880	5772.920	5817.800	---	---
11AC20SISO	Ant1	5180	22.000	5169.160	5191.160	---	---
		5220	22.640	5208.600	5231.240	---	---
		5240	22.480	5229.200	5251.680	---	---
		5745	23.360	5733.400	5756.760	---	---
		5785	23.480	5773.320	5796.800	---	---
		5825	23.320	5813.560	5836.880	---	---
11AC40SISO	Ant1	5190	42.640	5168.720	5211.360	---	---
		5230	41.920	5209.280	5251.200	---	---
		5755	44.240	5733.560	5777.800	---	---
		5795	42.640	5773.800	5816.440	---	---
11AC80SISO	Ant1	5210	82.400	5169.360	5251.760	---	---
		5775	83.520	5734.040	5817.560	---	---

Test Graphs





11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



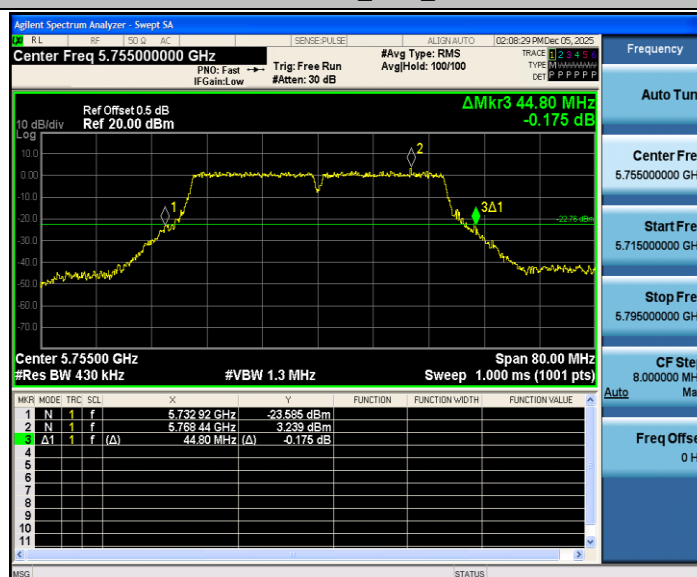
11N40SISO_Ant1_5190



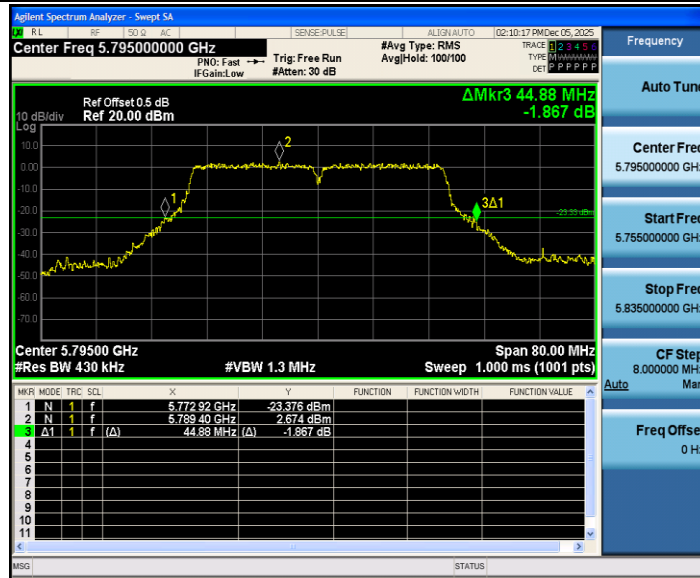
11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



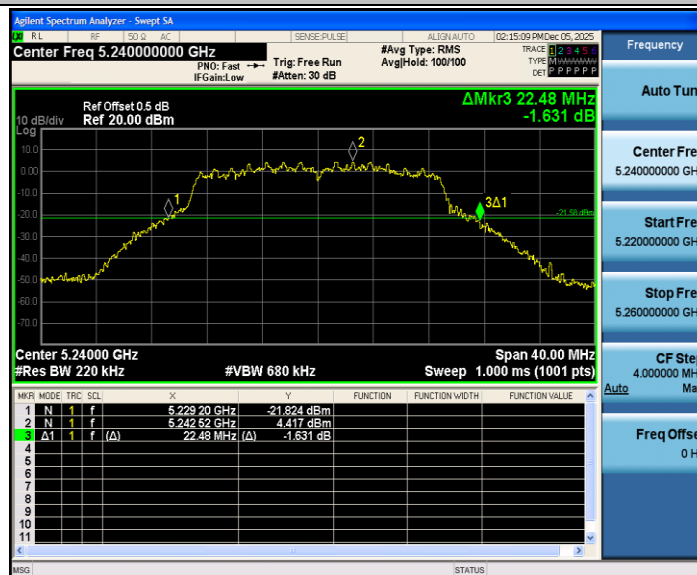
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5220



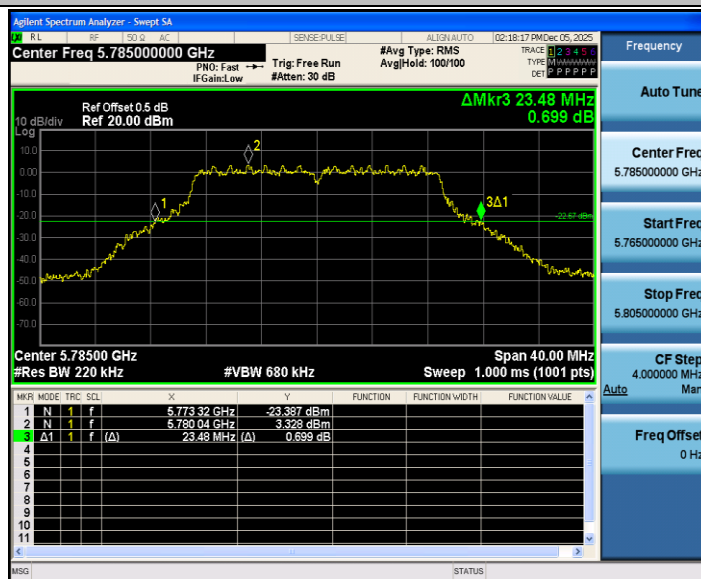
11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



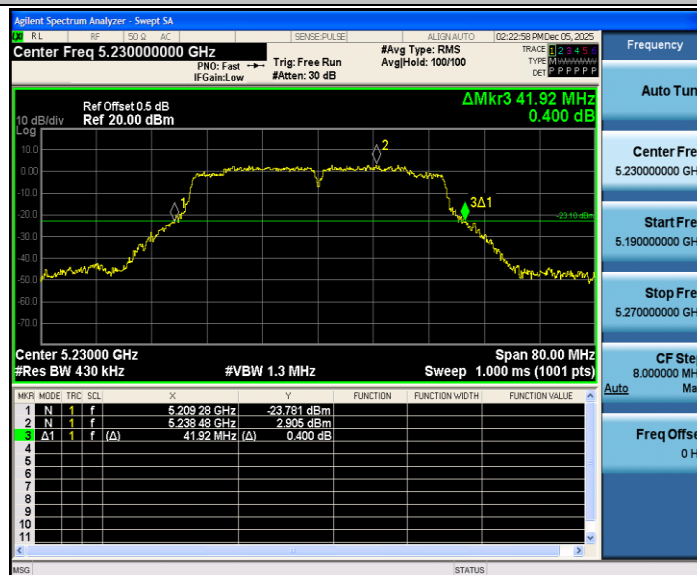
11AC20SISO_Ant1_5825



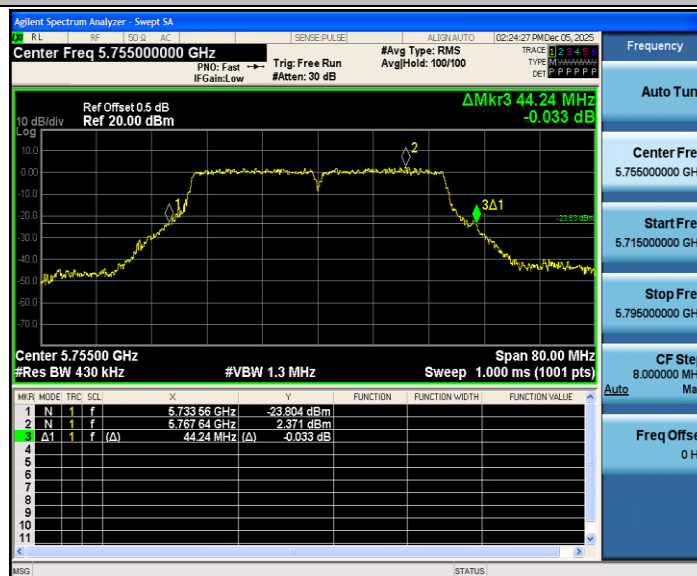
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



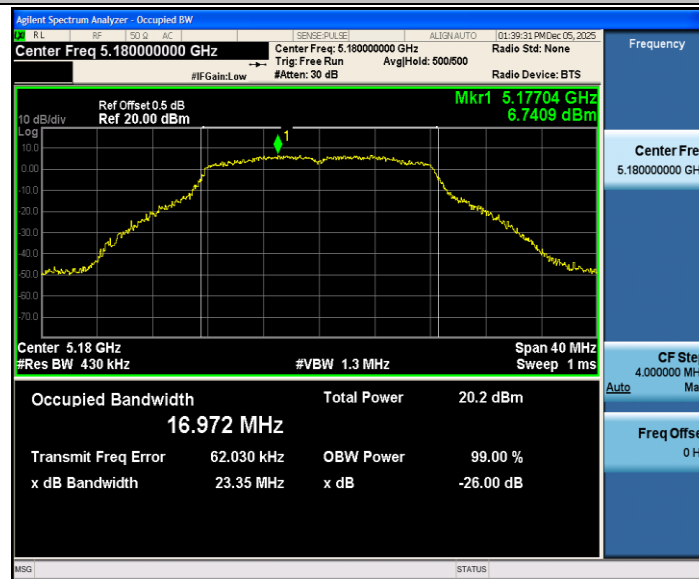
Appendix A2: Occupied channel bandwidth

Test Result

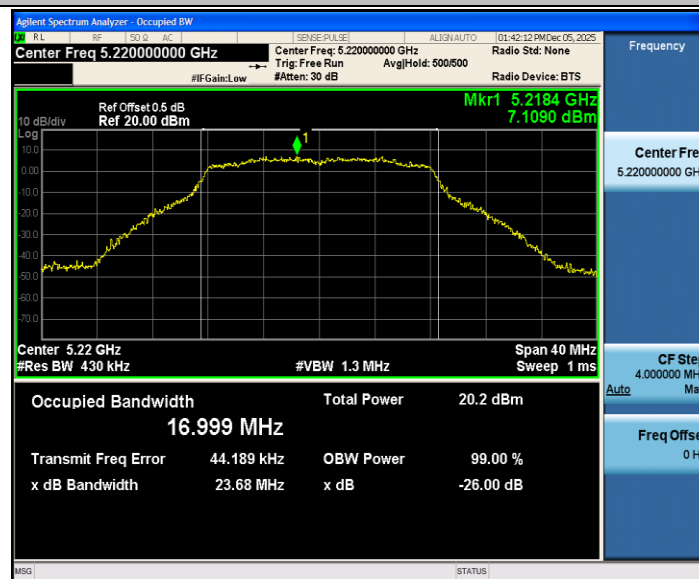
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.972	5171.5760	5188.5480	---	---
		5220	16.999	5211.5447	5228.5437	---	---
		5240	16.974	5231.5533	5248.5273	---	---
		5745	17.266	5736.4070	5753.6730	---	---
		5785	17.314	5776.3765	5793.6905	---	---
		5825	17.282	5816.3681	5833.6501	---	---
11N20SISO	Ant1	5180	18.003	5171.0278	5189.0308	---	---
		5220	17.991	5211.0087	5228.9997	---	---
		5240	18.028	5231.0217	5249.0497	---	---
		5745	18.315	5735.8577	5754.1727	---	---
		5785	18.327	5775.8436	5794.1706	---	---
		5825	18.373	5815.8254	5834.1984	---	---
11N40SISO	Ant1	5190	36.170	5171.9959	5208.1659	---	---
		5230	36.185	5211.9786	5248.1636	---	---
		5755	36.697	5736.7289	5773.4259	---	---
		5795	36.730	5776.7546	5813.4846	---	---
11AC20SISO	Ant1	5180	17.964	5171.0942	5189.0582	---	---
		5220	18.001	5211.0354	5229.0364	---	---
		5240	17.945	5231.0709	5249.0159	---	---
		5745	18.315	5735.8467	5754.1617	---	---
		5785	18.258	5775.9009	5794.1589	---	---
		5825	18.282	5815.8724	5834.1544	---	---
11AC40SISO	Ant1	5190	36.137	5171.9911	5208.1281	---	---
		5230	36.100	5212.0252	5248.1252	---	---
		5755	36.642	5736.7683	5773.4103	---	---
		5795	36.683	5776.7310	5813.4140	---	---
11AC80SISO	Ant1	5210	75.149	5172.5400	5247.6890	---	---
		5775	75.201	5737.5821	5812.7831	---	---

Test Graphs

11A_Ant1_5180



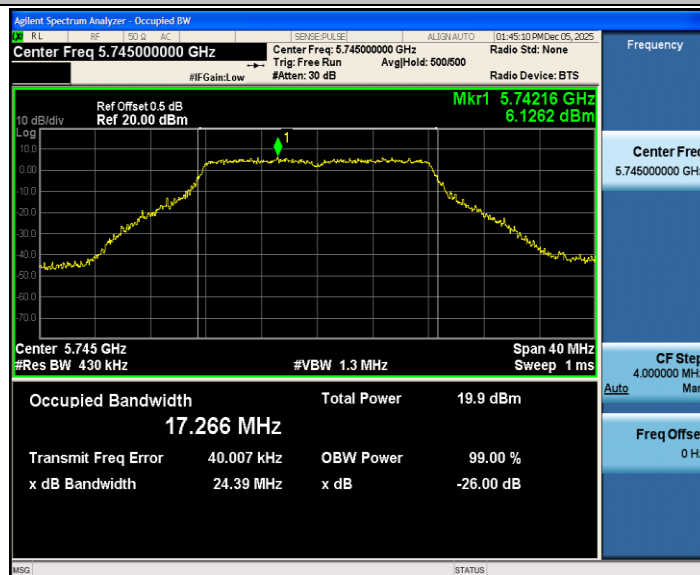
11A_Ant1_5220



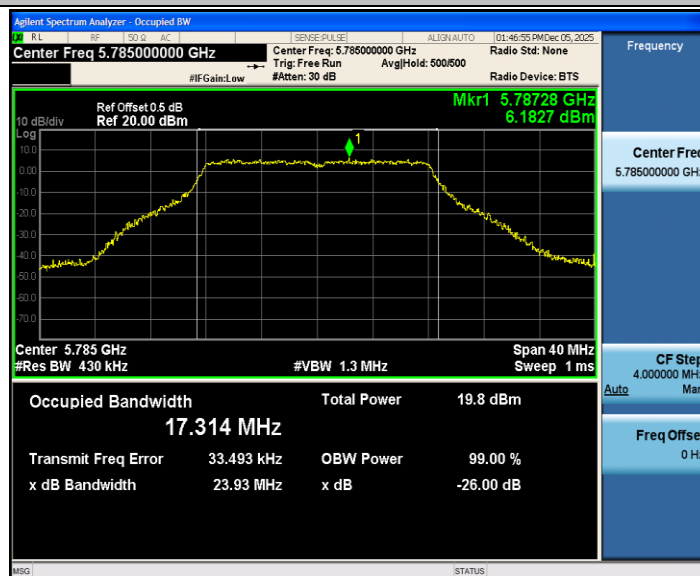
11A_Ant1_5240



11A_Ant1_5745



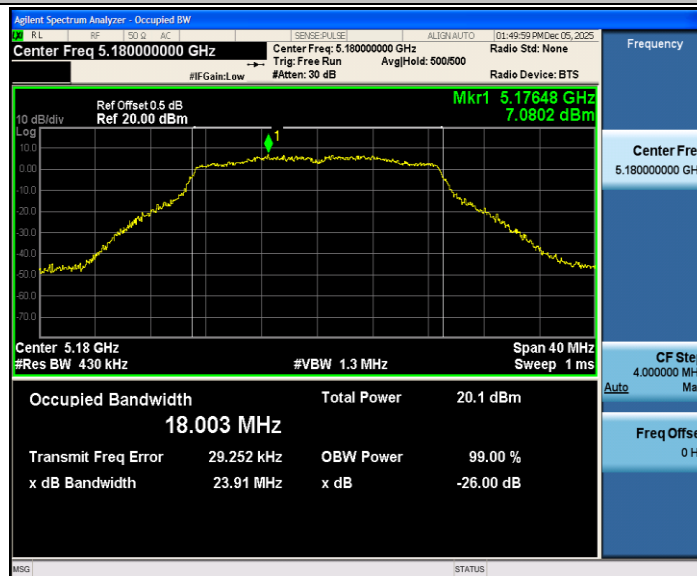
11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



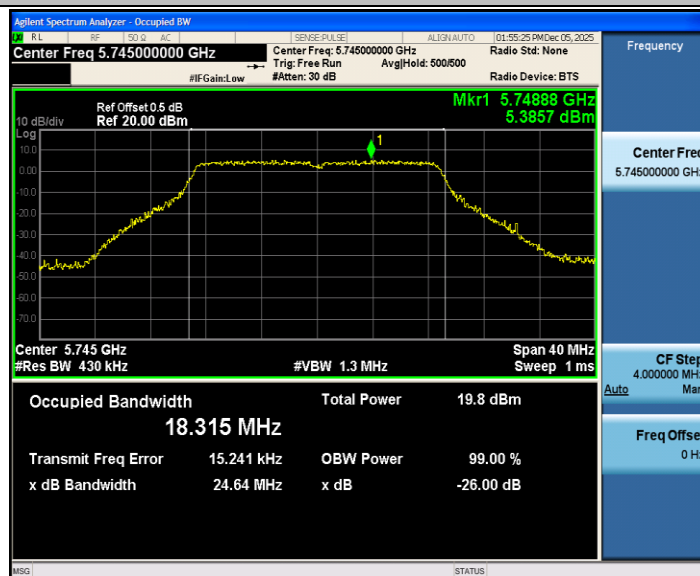
11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



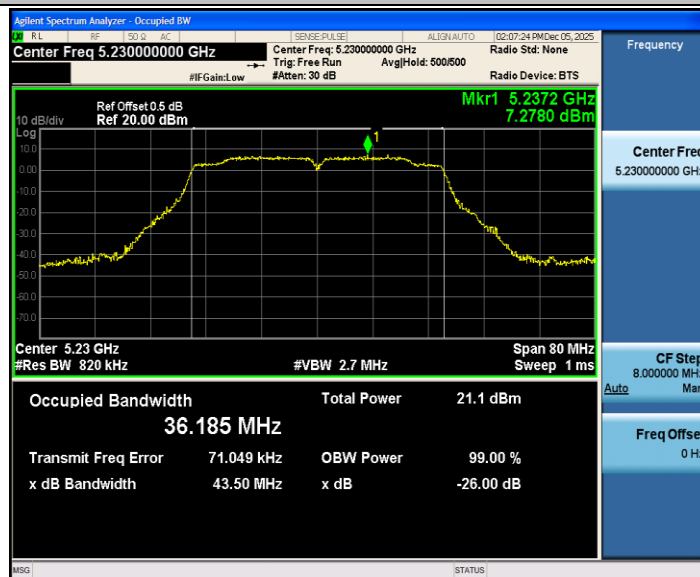
11N20SISO_Ant1_5825



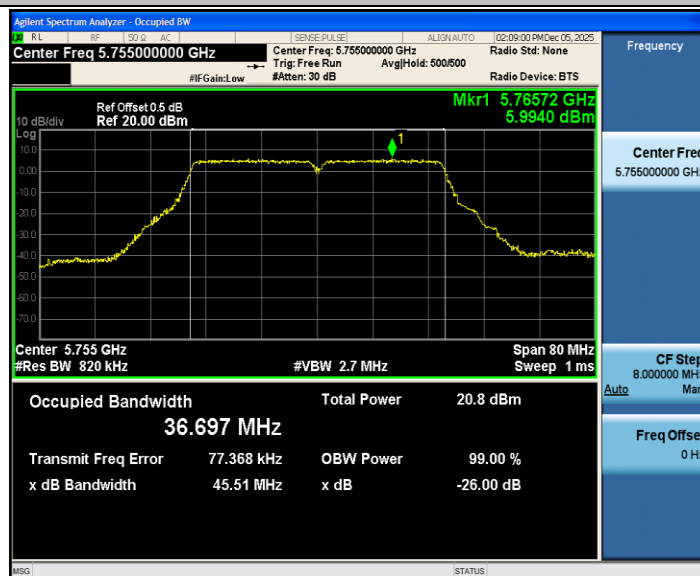
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



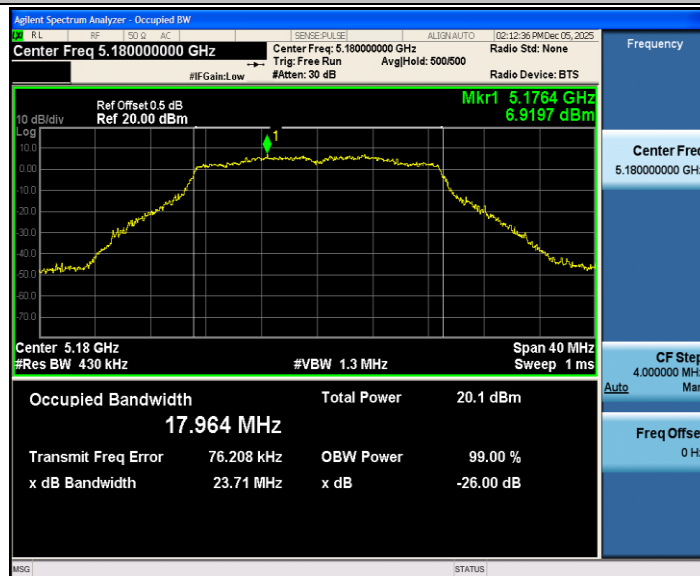
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



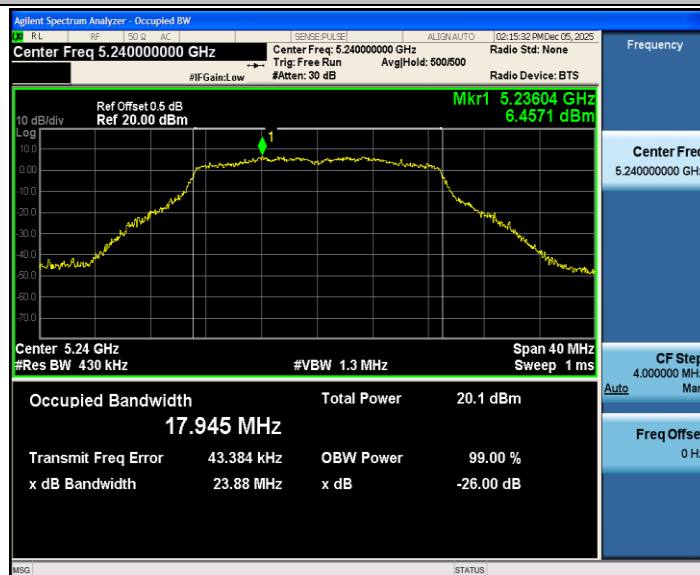
11AC20SISO_Ant1_5180



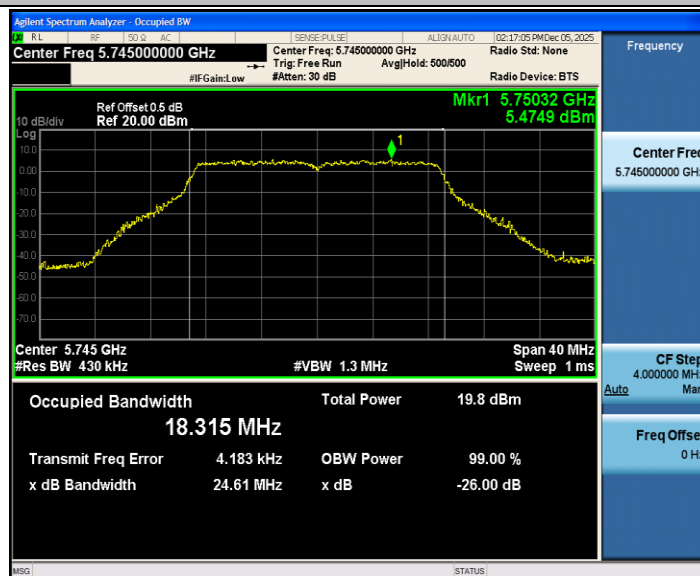
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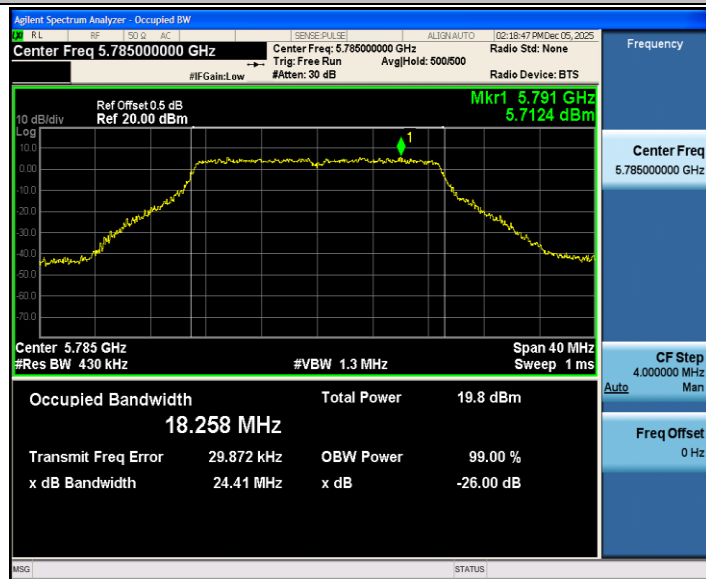
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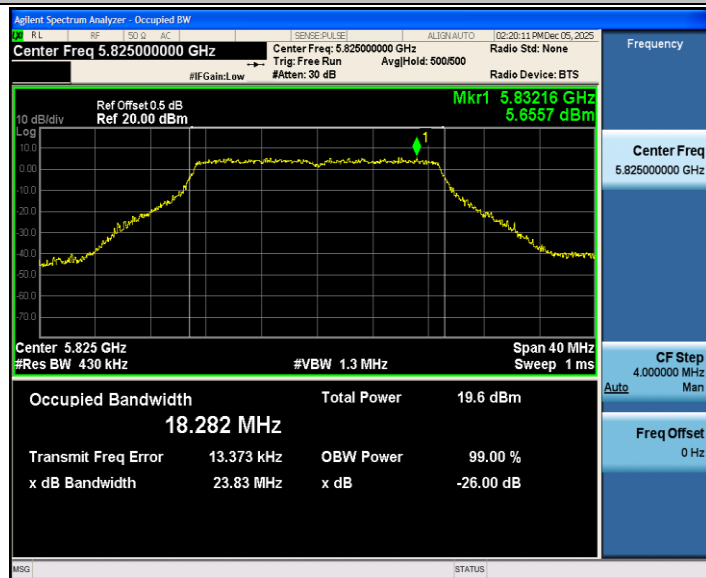
11AC20SISO_Ant1_5745



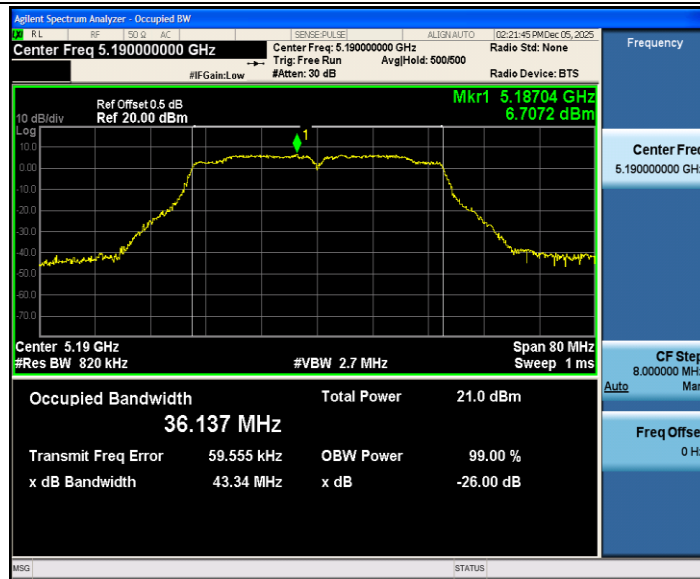
11AC20SISO_Ant1_5785



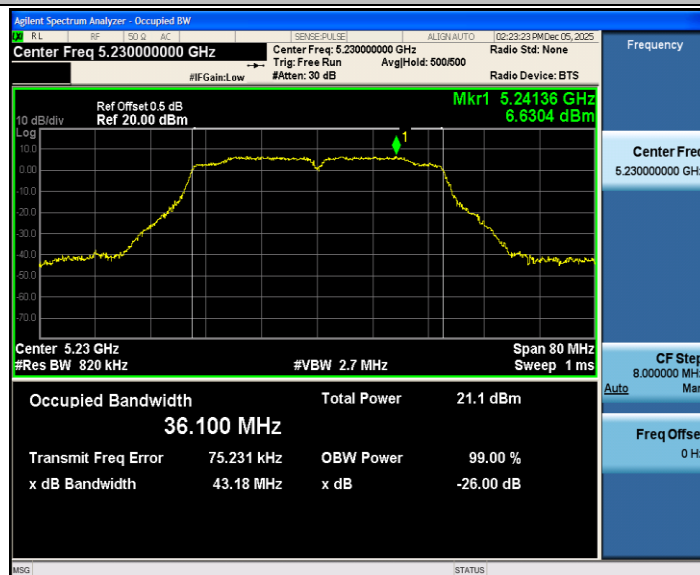
11AC20SISO_Ant1_5825



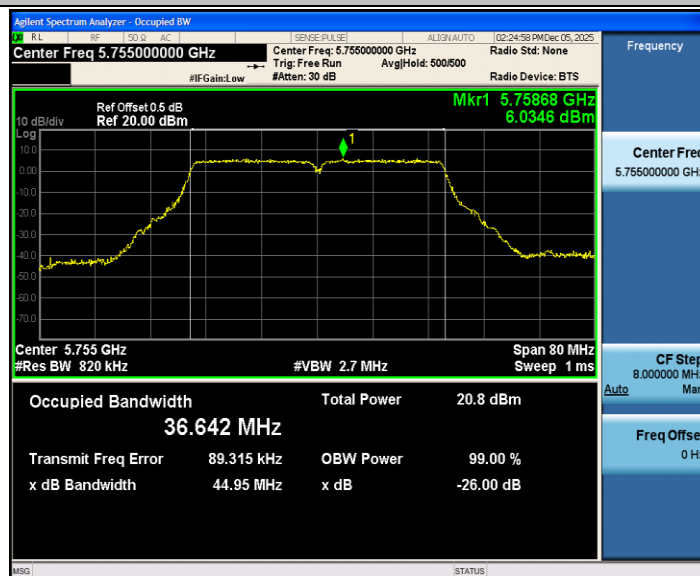
11AC40SISO_Ant1_5190



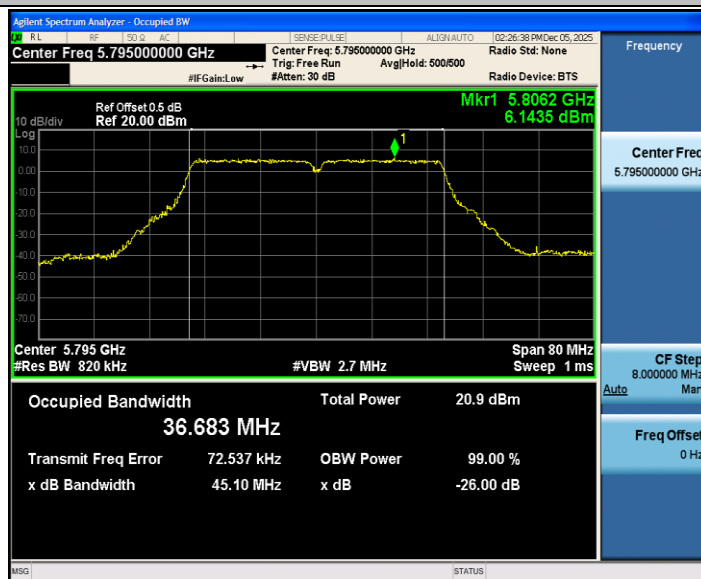
11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



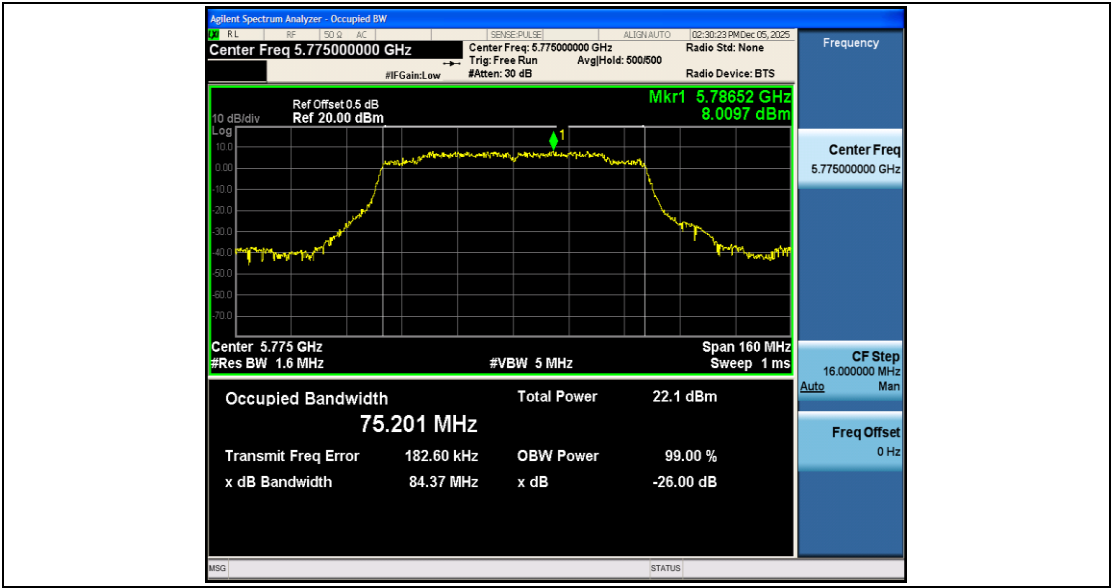
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



Appendix A3: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.280	5736.880	5753.160	0.5	PASS
		5785	16.320	5776.840	5793.160	0.5	PASS
		5825	16.320	5816.840	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.520	5736.240	5753.760	0.5	PASS
		5785	17.520	5776.240	5793.760	0.5	PASS
		5825	17.520	5816.240	5833.760	0.5	PASS
11N40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	17.320	5736.240	5753.560	0.5	PASS
		5785	17.280	5776.480	5793.760	0.5	PASS
		5825	17.520	5816.240	5833.760	0.5	PASS
11AC40SISO	Ant1	5755	36.080	5737.080	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC80SISO	Ant1	5775	75.200	5737.400	5812.600	0.5	PASS

Test Graphs B4

11A_Ant1_5745



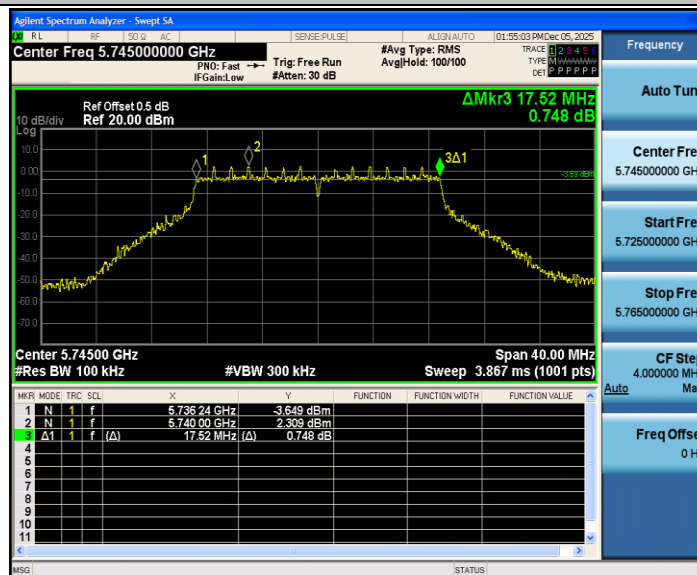
11A_Ant1_5785



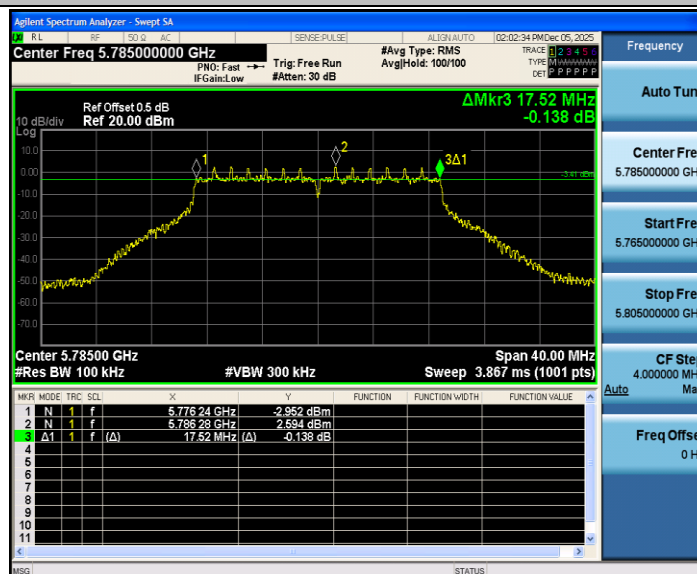
11A_Ant1_5825



11N20SISO_Ant1_5745



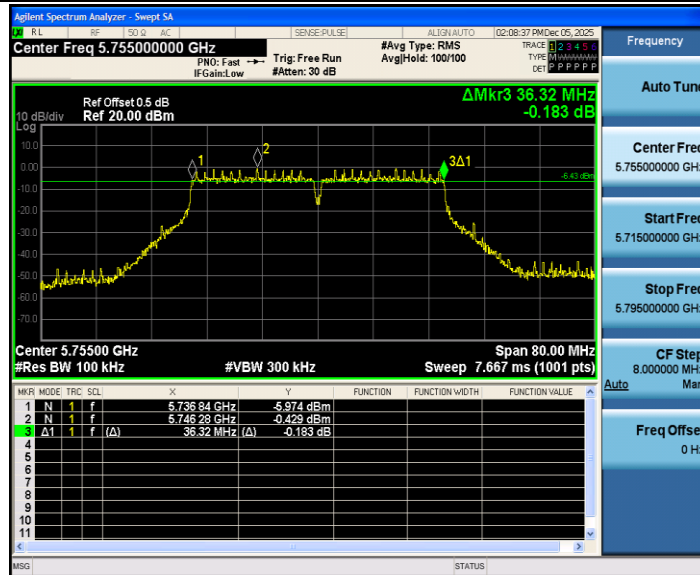
11N20SISO_Ant1_5785



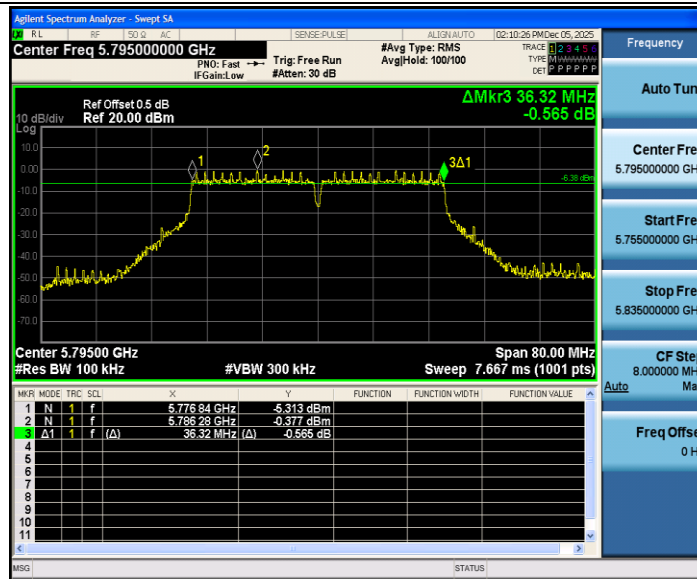
11N20SISO_Ant1_5825



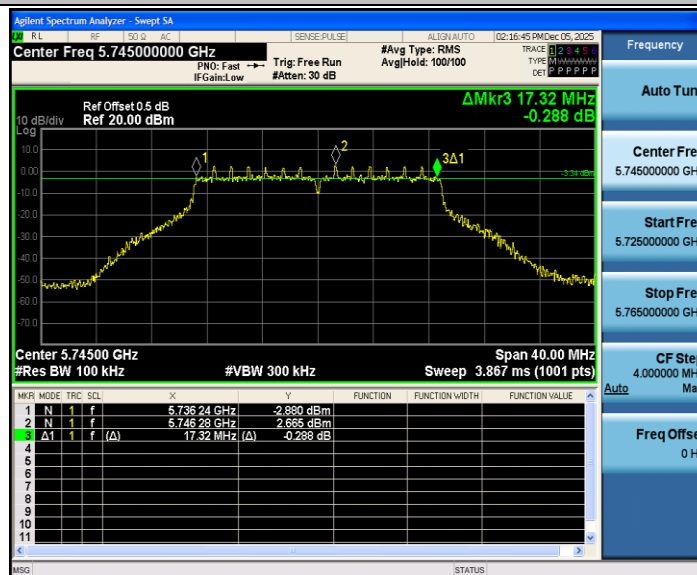
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785

