

Case No. : <u>GTS20241014025-3-04</u>	
Ambient Condition: <u>22</u> °C, <u>51</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2024.11.21</u>	Test Engineer: <u>Evan ouyang</u>

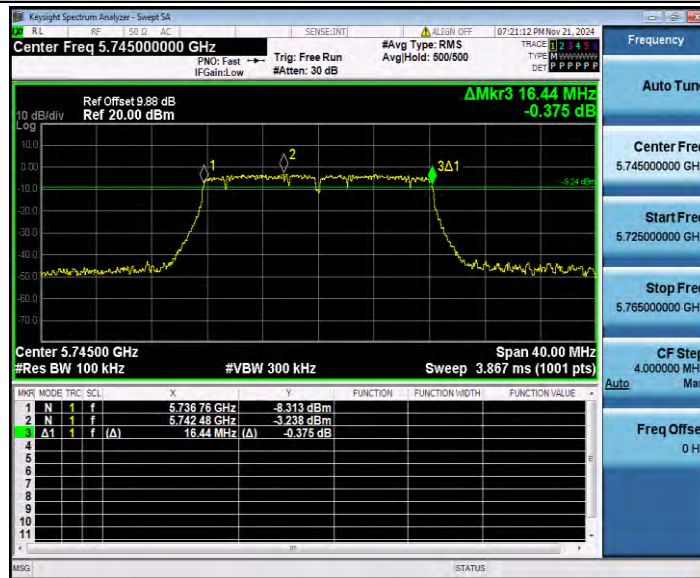
Appendix E.1: Min emission bandwidth

Test Result B4

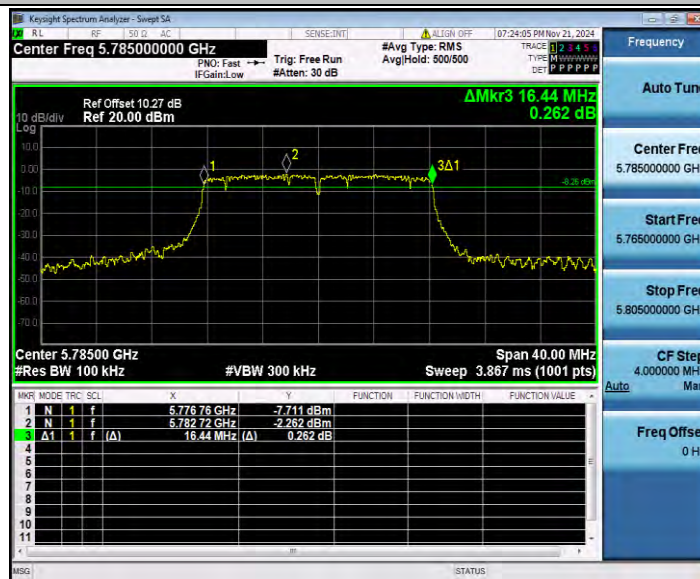
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	16.440	5736.760	5753.200	0.5	PASS
		5785	16.440	5776.760	5793.200	0.5	PASS
		5825	16.440	5816.760	5833.200	0.5	PASS
11N20SISO	Ant2	5745	17.680	5736.120	5753.800	0.5	PASS
		5785	17.640	5776.160	5793.800	0.5	PASS
		5825	17.640	5816.160	5833.800	0.5	PASS
11N40SISO	Ant2	5755	36.480	5736.760	5773.240	0.5	PASS
		5795	36.480	5776.760	5813.240	0.5	PASS
11AC20SISO	Ant2	5745	17.680	5736.120	5753.800	0.5	PASS
		5785	17.640	5776.160	5793.800	0.5	PASS
		5825	17.680	5816.160	5833.840	0.5	PASS
11AC40SISO	Ant2	5755	36.480	5736.760	5773.240	0.5	PASS
		5795	36.480	5776.760	5813.240	0.5	PASS
11AC80SISO	Ant2	5775	74.720	5738.520	5813.240	0.5	PASS
11AX20SISO	Ant2	5745	19.000	5735.480	5754.480	0.5	PASS
		5785	19.000	5775.480	5794.480	0.5	PASS
		5825	19.000	5815.480	5834.480	0.5	PASS
11AX40SISO	Ant2	5755	38.000	5735.960	5773.960	0.5	PASS
		5795	38.000	5775.960	5813.960	0.5	PASS
11AX80SISO	Ant2	5775	77.760	5735.960	5813.720	0.5	PASS

Test Graphs B4

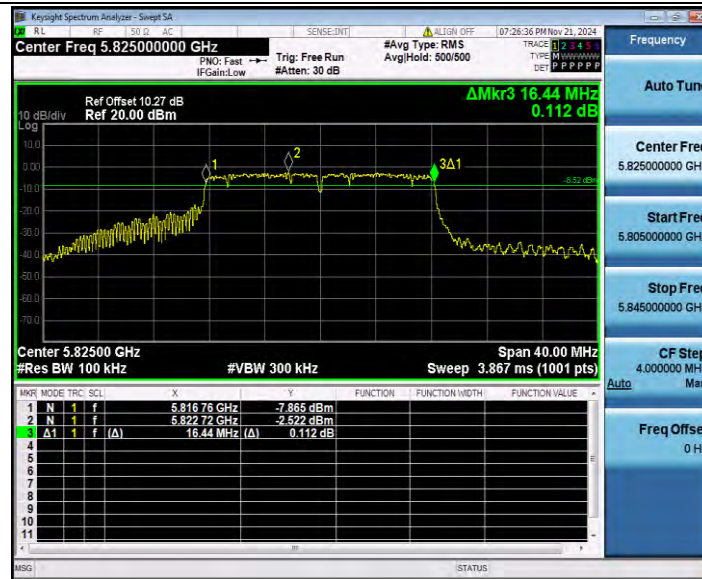
11A_Ant2_5745



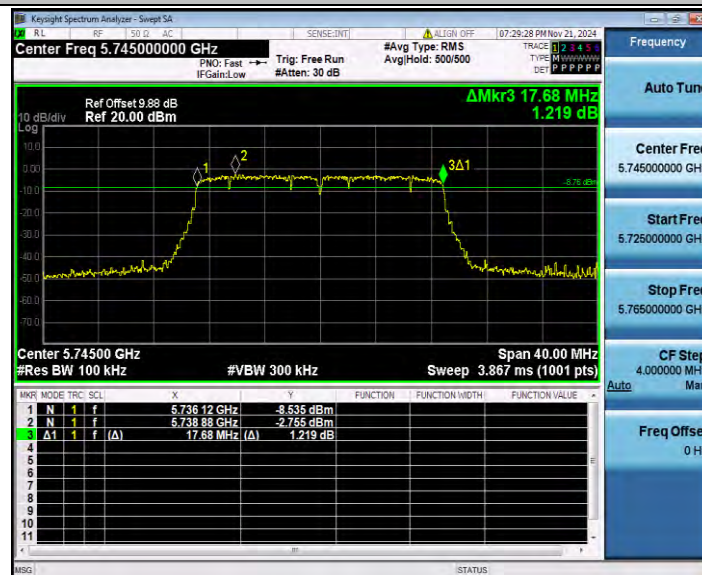
11A_Ant2_5785



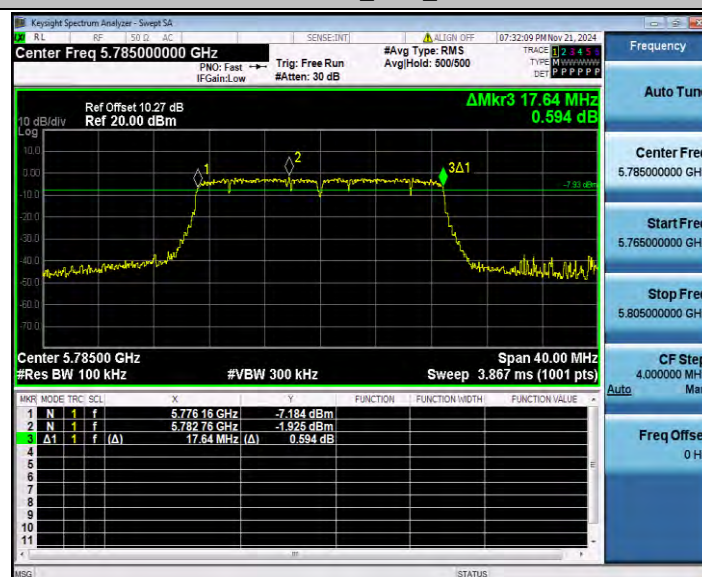
11A_Ant2_5825



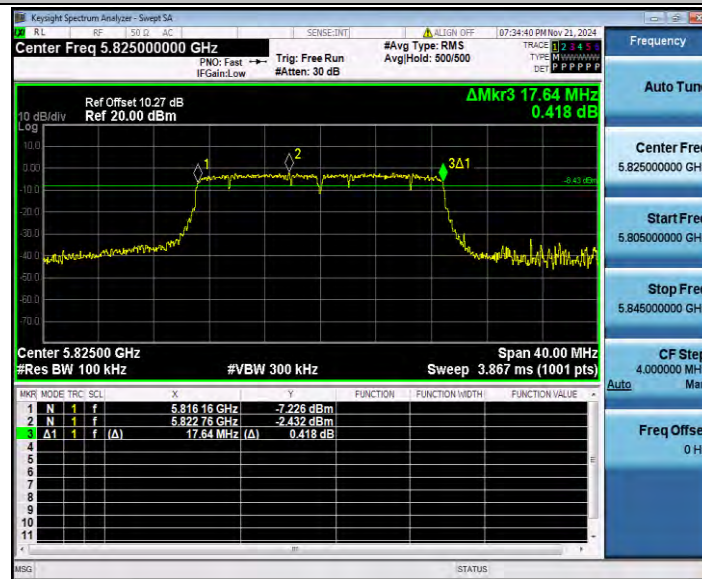
11N20SISO_Ant2_5745



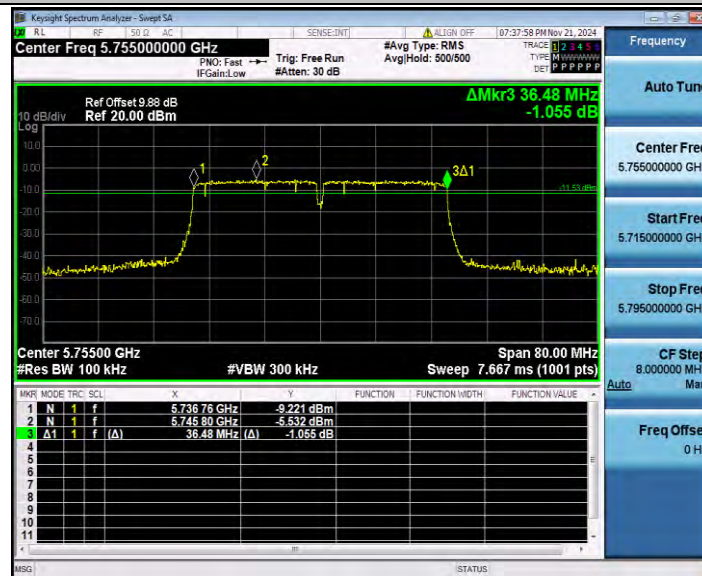
11N20SISO_Ant2_5785



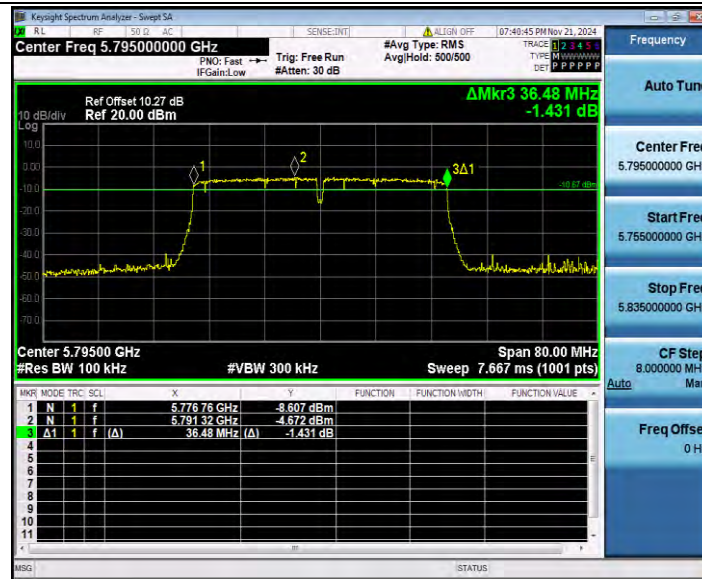
11N20SISO_Ant2_5825



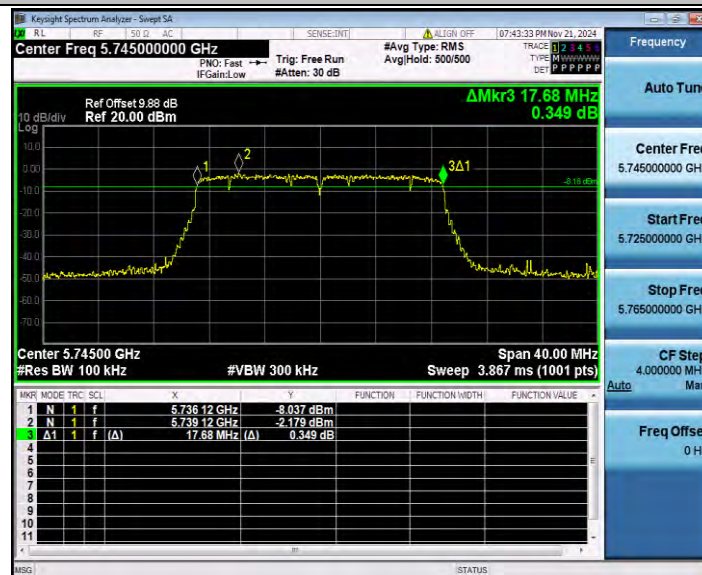
11N40SISO_Ant2_5755



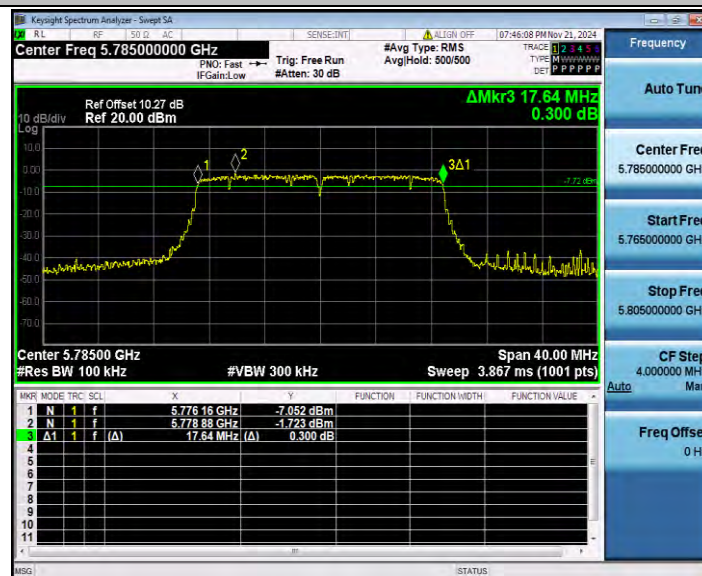
11N40SISO_Ant2_5795



11AC20SISO_Ant2_5745



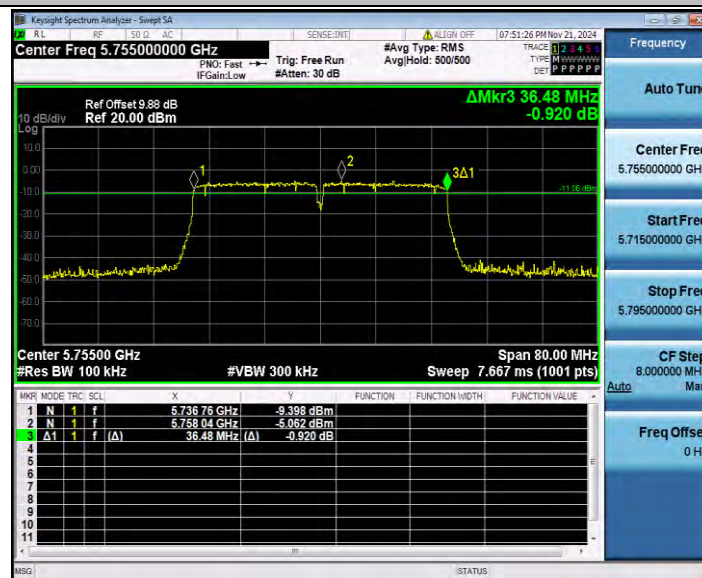
11AC20SISO_Ant2_5785



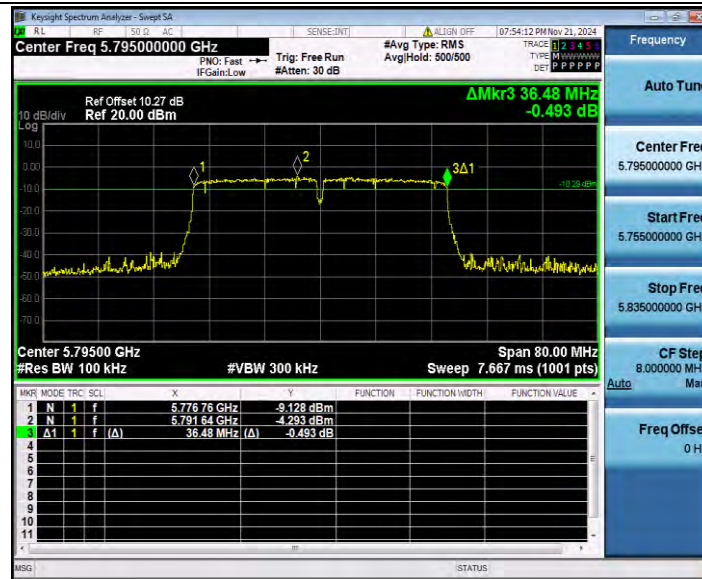
11AC20SISO_Ant2_5825



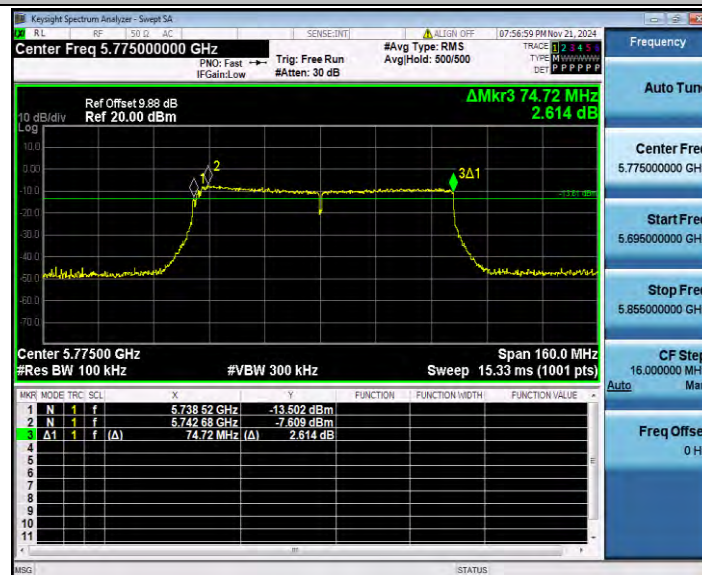
11AC40SISO_Ant2_5755



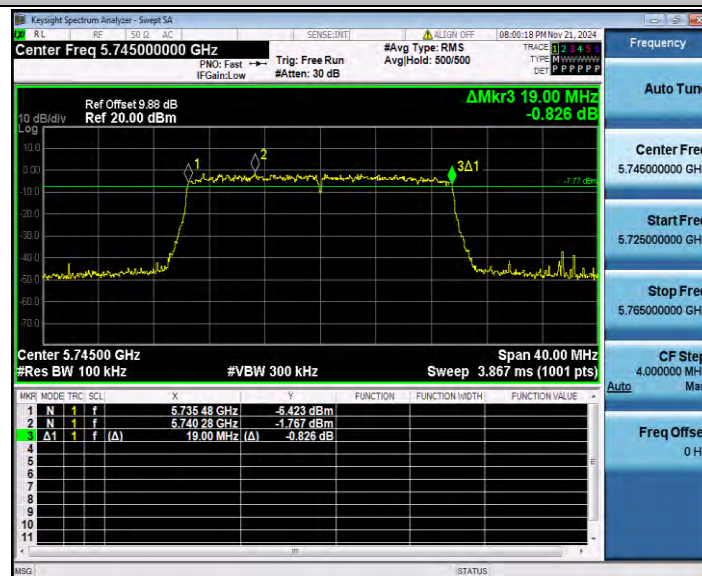
11AC40SISO_Ant2_5795



11AC80SISO_Ant2_5775



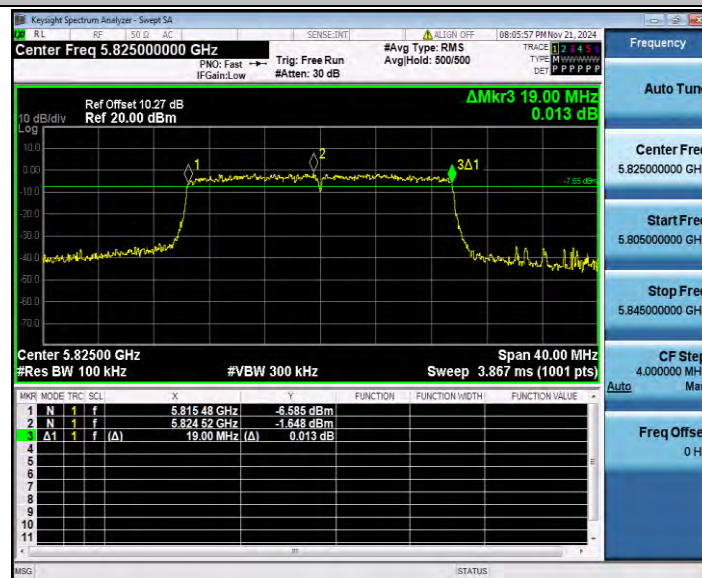
11AX20SISO_Ant2_5745



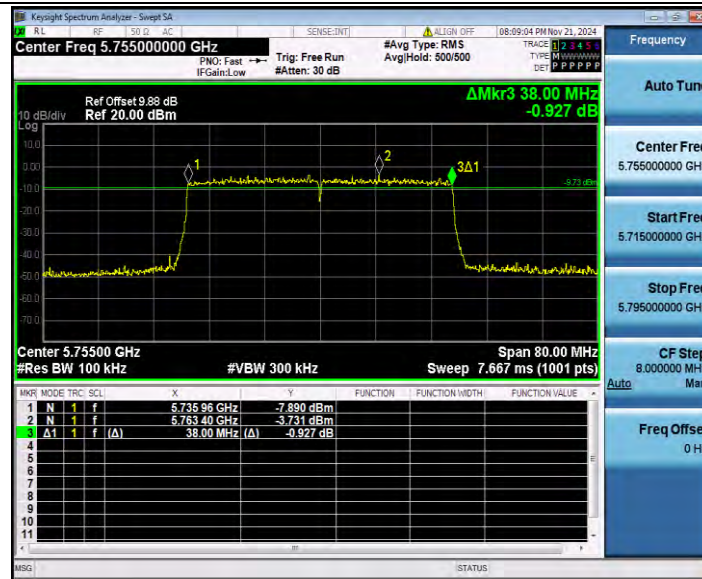
11AX20SISO_Ant2_5785



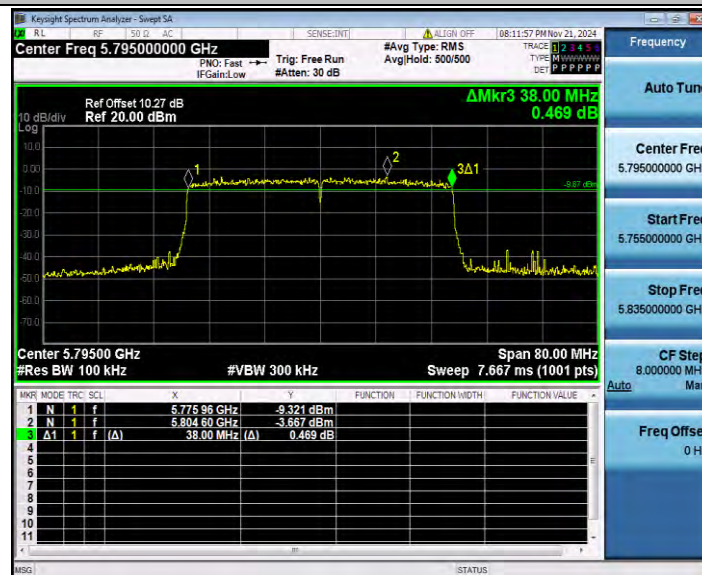
11AX20SISO_Ant2_5825



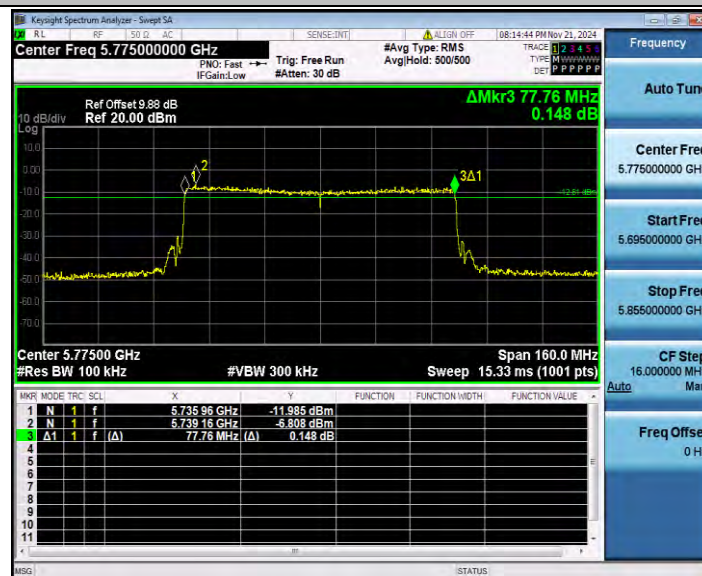
11AX40SISO_Ant2_5755



11AX40ISO_Ant2_5795



11AX80ISO_Ant2_5775



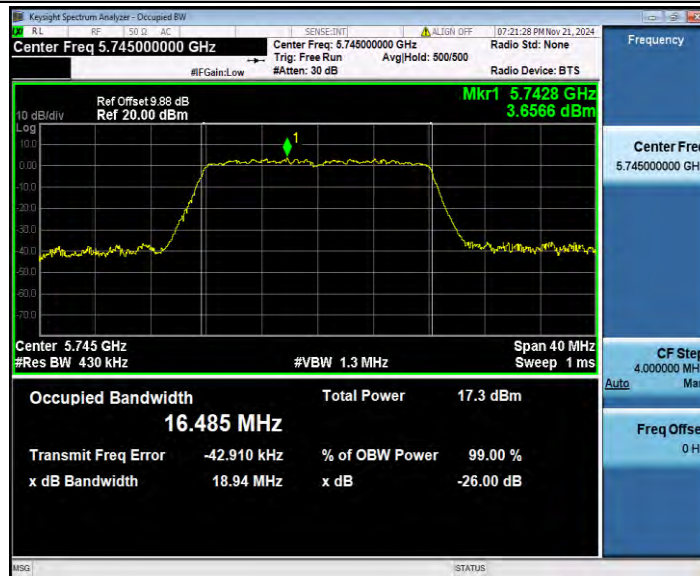
Appendix E.2: Occupied channel bandwidth

Test Result

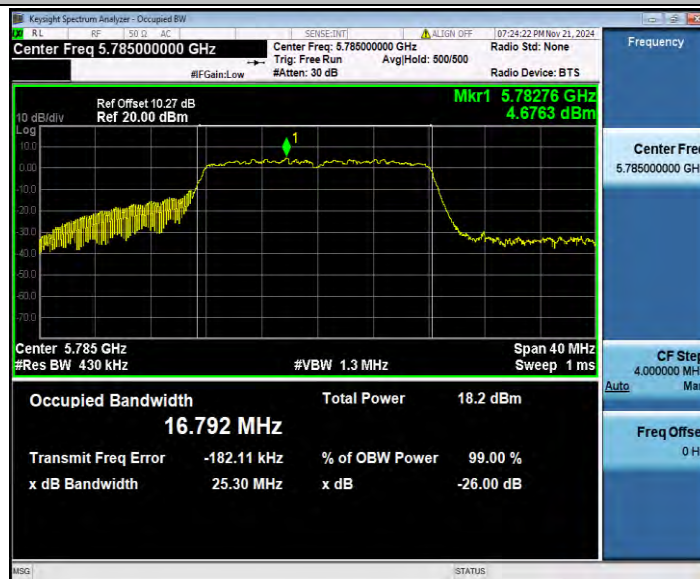
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	16.485	5736.7146	5753.1996	---	---
		5785	16.792	5776.4219	5793.2139	---	---
		5825	16.550	5816.6847	5833.2347	---	---
11N20SISO	Ant2	5745	17.573	5736.1930	5753.7660	---	---
		5785	17.562	5776.2143	5793.7763	---	---
		5825	17.597	5816.1869	5833.7839	---	---
11N40SISO	Ant2	5755	36.144	5736.9204	5773.0644	---	---
		5795	36.087	5776.9580	5813.0450	---	---
11AC20SISO	Ant2	5745	17.568	5736.1970	5753.7650	---	---
		5785	17.564	5776.2084	5793.7724	---	---
		5825	17.591	5816.1950	5833.7860	---	---
11AC40SISO	Ant2	5755	36.088	5736.9495	5773.0375	---	---
		5795	36.068	5776.9663	5813.0343	---	---
11AC80SISO	Ant2	5775	74.852	5738.4802	5813.3322	---	---
11AX20SISO	Ant2	5745	18.932	5735.5179	5754.4499	---	---
		5785	18.936	5775.5228	5794.4588	---	---
		5825	18.966	5815.5082	5834.4742	---	---
11AX40SISO	Ant2	5755	37.909	5736.0559	5773.9649	---	---
		5795	37.817	5776.0334	5813.8504	---	---
11AX80SISO	Ant2	5775	77.509	5736.1404	5813.6494	---	---

Test Graphs

11A_Ant2_5745



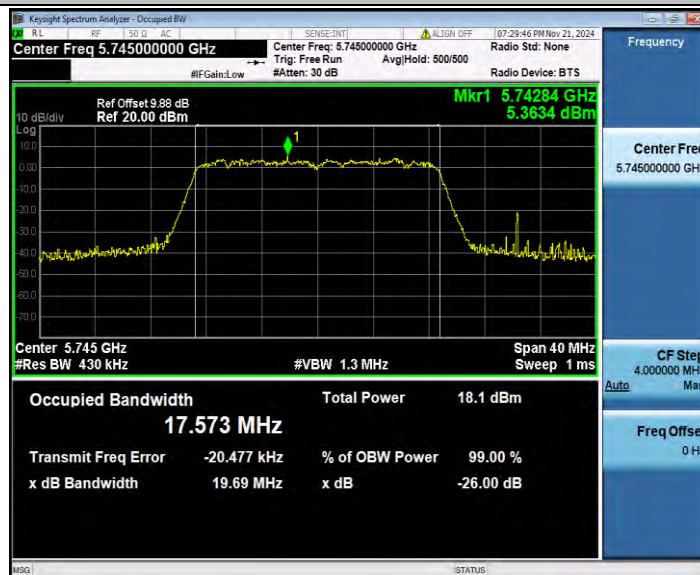
11A_Ant2_5785



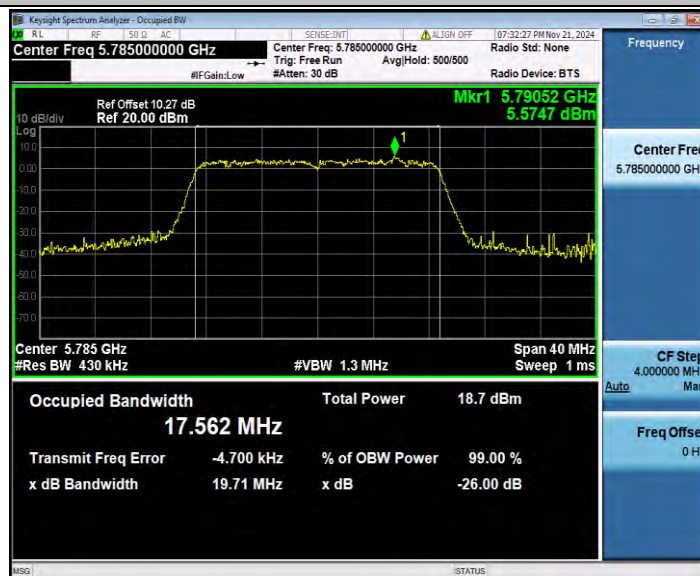
11A_Ant2_5825



11N20SISO_Ant2_5745



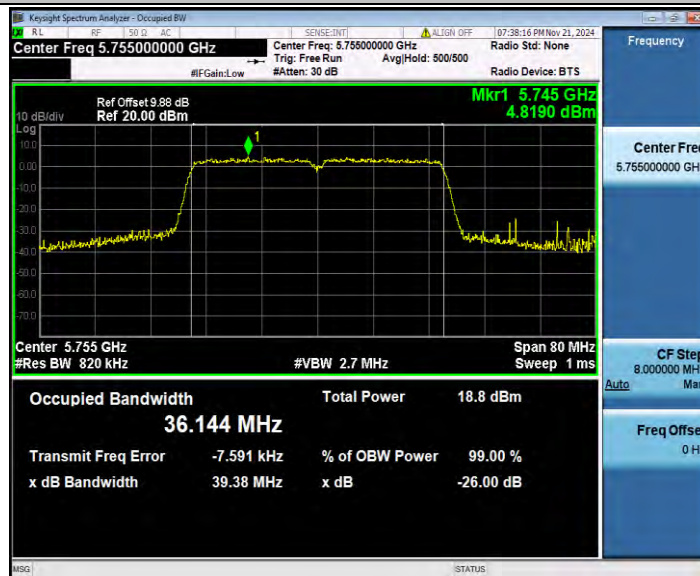
11N20SISO_Ant2_5785



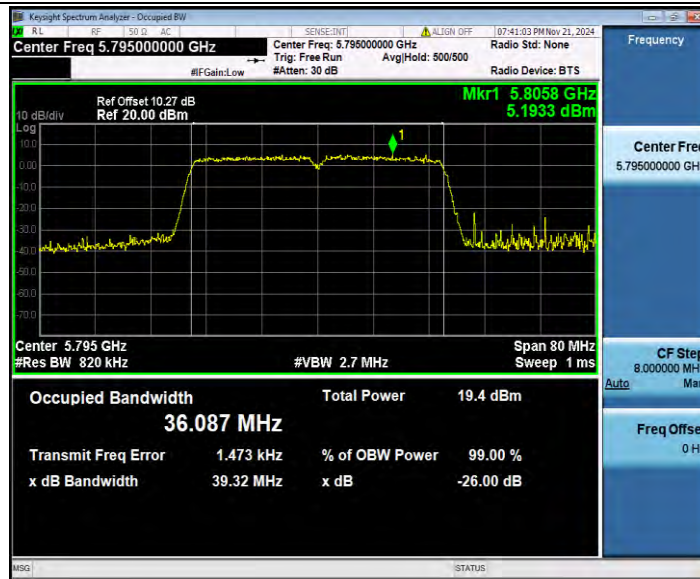
11N20SISO_Ant2_5825



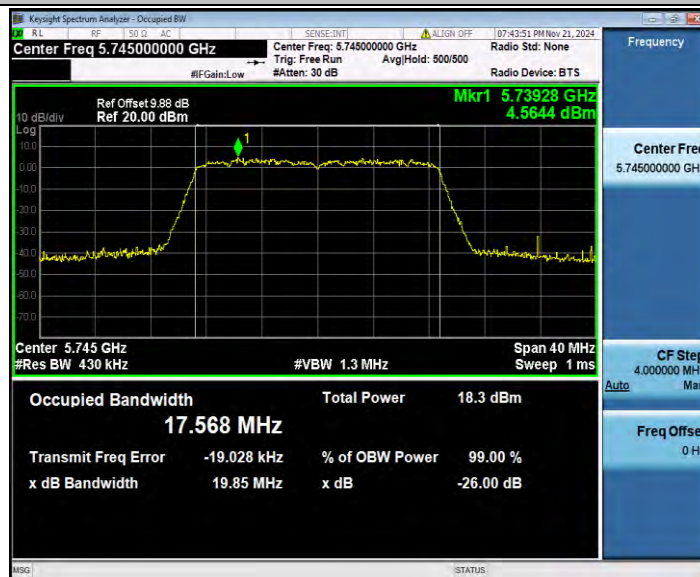
11N40SISO_Ant2_5755



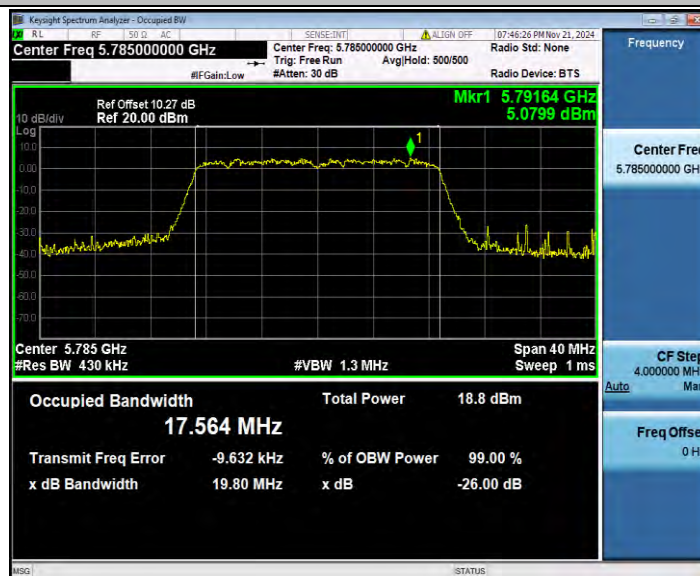
11N40SISO_Ant2_5795



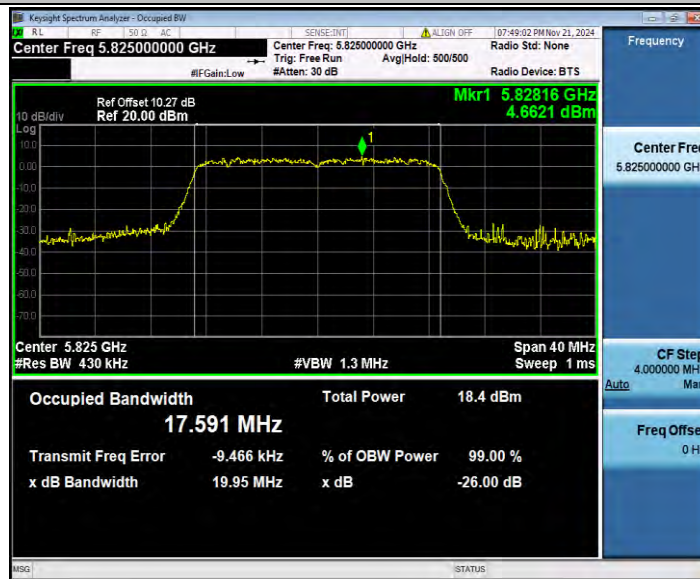
11AC20SISO_Ant2_5745



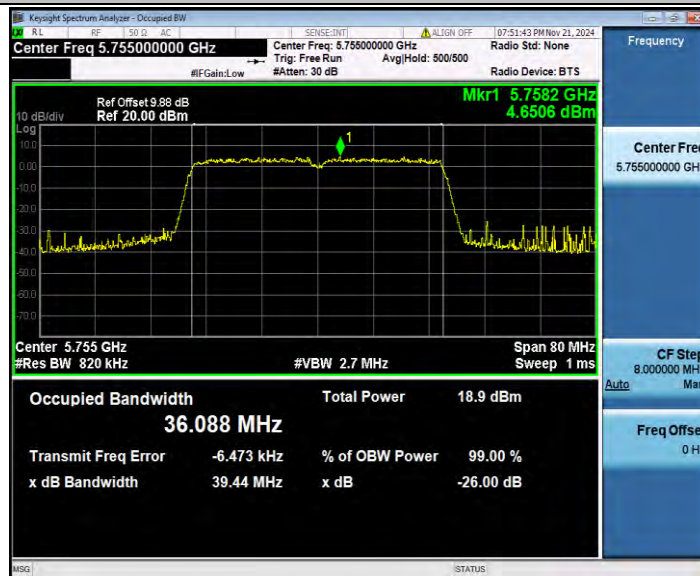
11AC20SISO_Ant2_5785



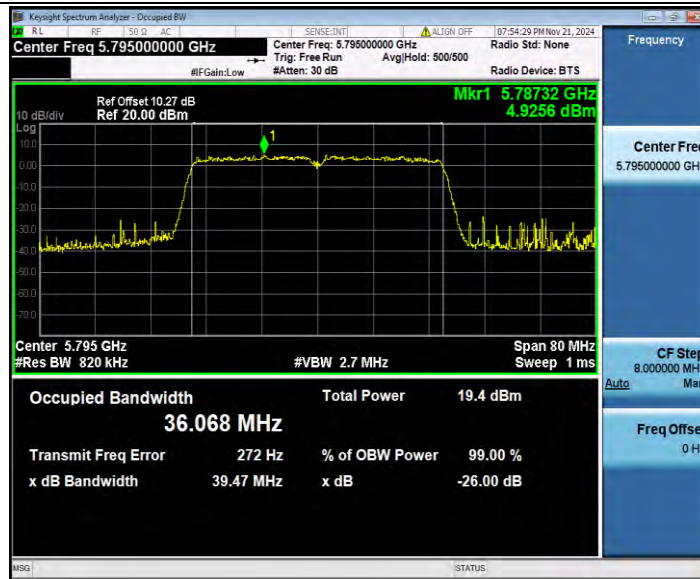
11AC20SISO_Ant2_5825



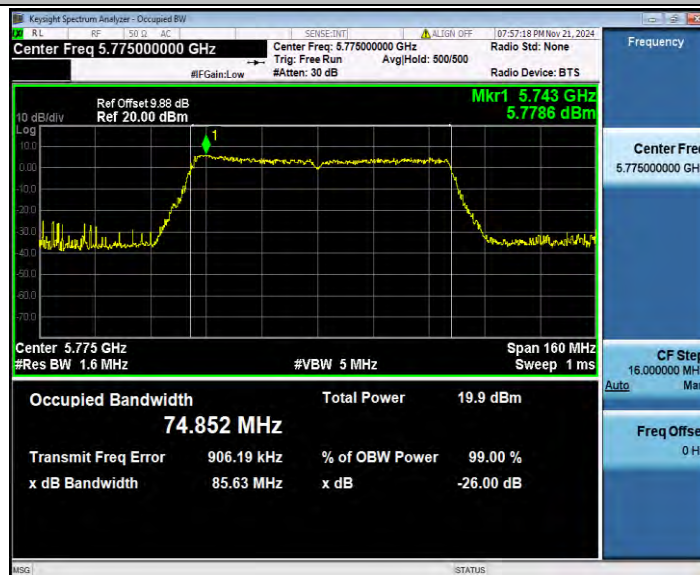
11AC40SISO_Ant2_5755



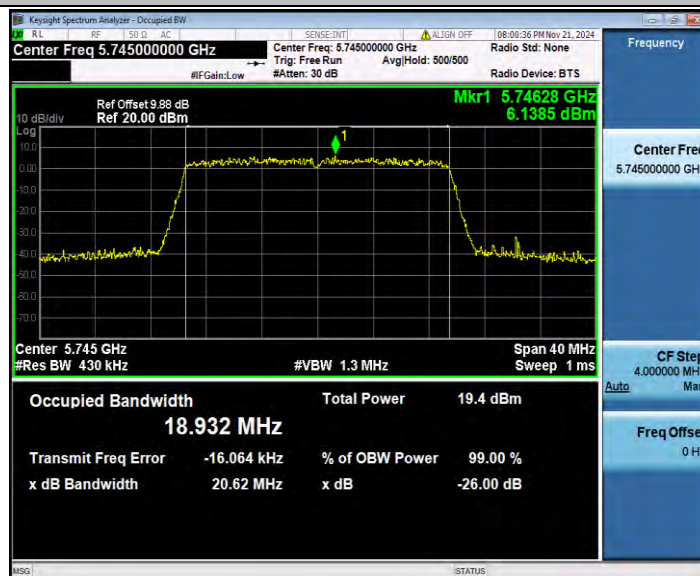
11AC40SISO_Ant2_5795



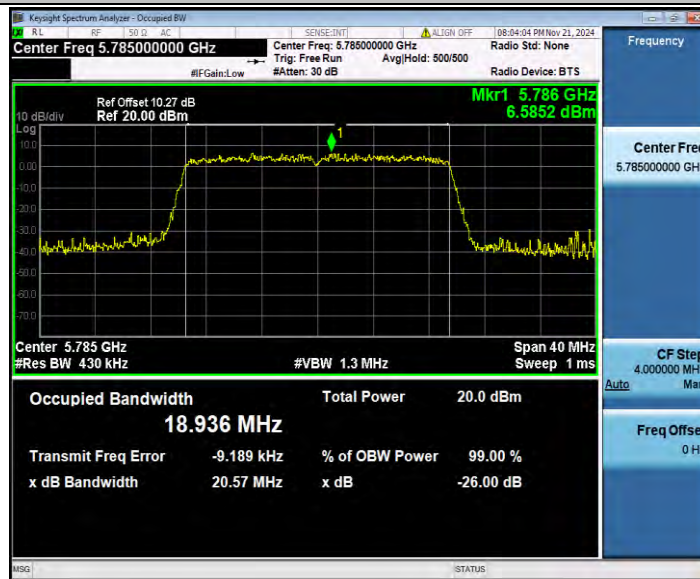
11AC80SISO_Ant2_5775



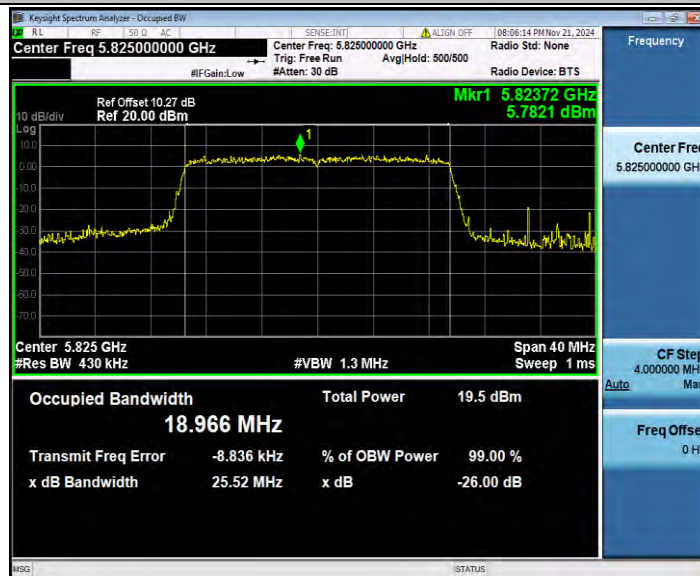
11AX20SISO_Ant2_5745



11AX20SISO_Ant2_5785



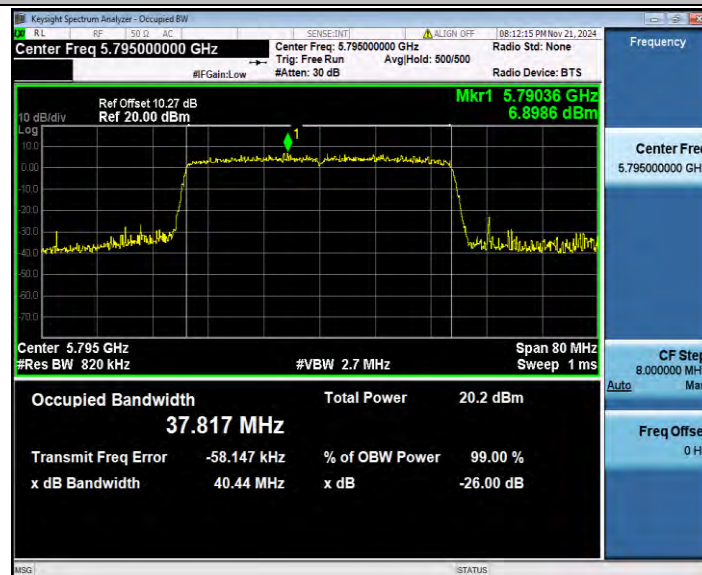
11AX20SISO_Ant2_5825



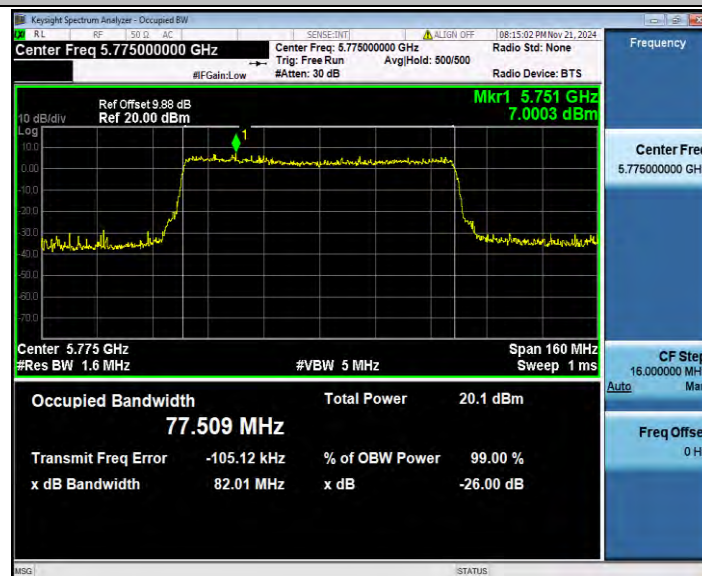
11AX40SISO_Ant2_5755



11AX40ISO_Ant2_5795



11AX80ISO_Ant2_5775



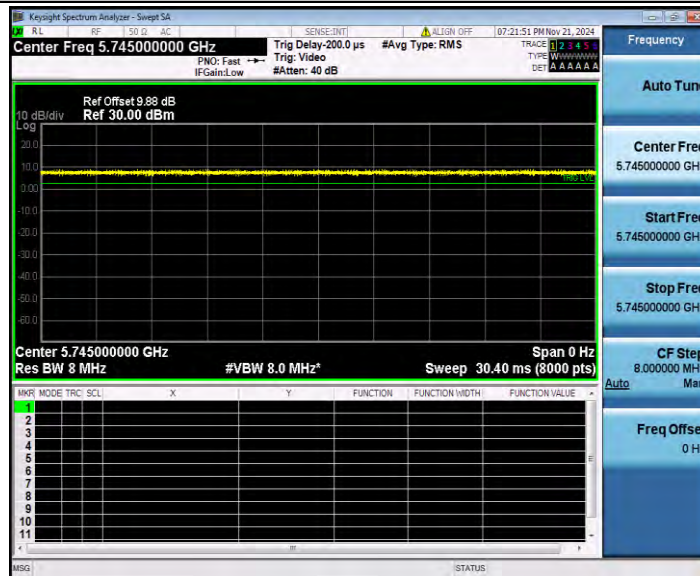
Appendix E.3: Duty Cycle

Test Result

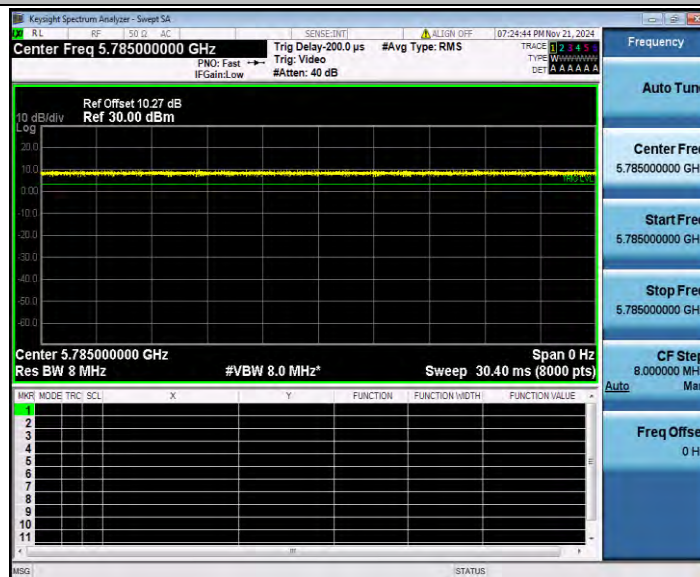
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant2	5745	30.00	30.00	100.00	0.00	0.03
		5785	30.00	30.00	100.00	0.00	0.03
		5825	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant2	5745	30.00	30.00	100.00	0.00	0.03
		5785	30.00	30.00	100.00	0.00	0.03
		5825	30.00	30.00	100.00	0.00	0.03
11N40SISO	Ant2	5755	30.00	30.00	100.00	0.00	0.03
		5795	30.00	30.00	100.00	0.00	0.03
11AC20SISO	Ant2	5745	30.00	30.00	100.00	0.00	0.03
		5785	30.00	30.00	100.00	0.00	0.03
		5825	30.00	30.00	100.00	0.00	0.03
11AC40SISO	Ant2	5755	30.00	30.00	100.00	0.00	0.03
		5795	30.00	30.00	100.00	0.00	0.03
11AC80SISO	Ant2	5775	30.00	30.00	100.00	0.00	0.03
11AX20SISO	Ant2	5745	30.00	30.00	100.00	0.00	0.03
		5785	30.00	30.00	100.00	0.00	0.03
		5825	30.00	30.00	100.00	0.00	0.03
11AX40SISO	Ant2	5755	30.00	30.00	100.00	0.00	0.03
		5795	30.00	30.00	100.00	0.00	0.03
11AX80SISO	Ant2	5775	30.00	30.00	100.00	0.00	0.03

Test Graphs

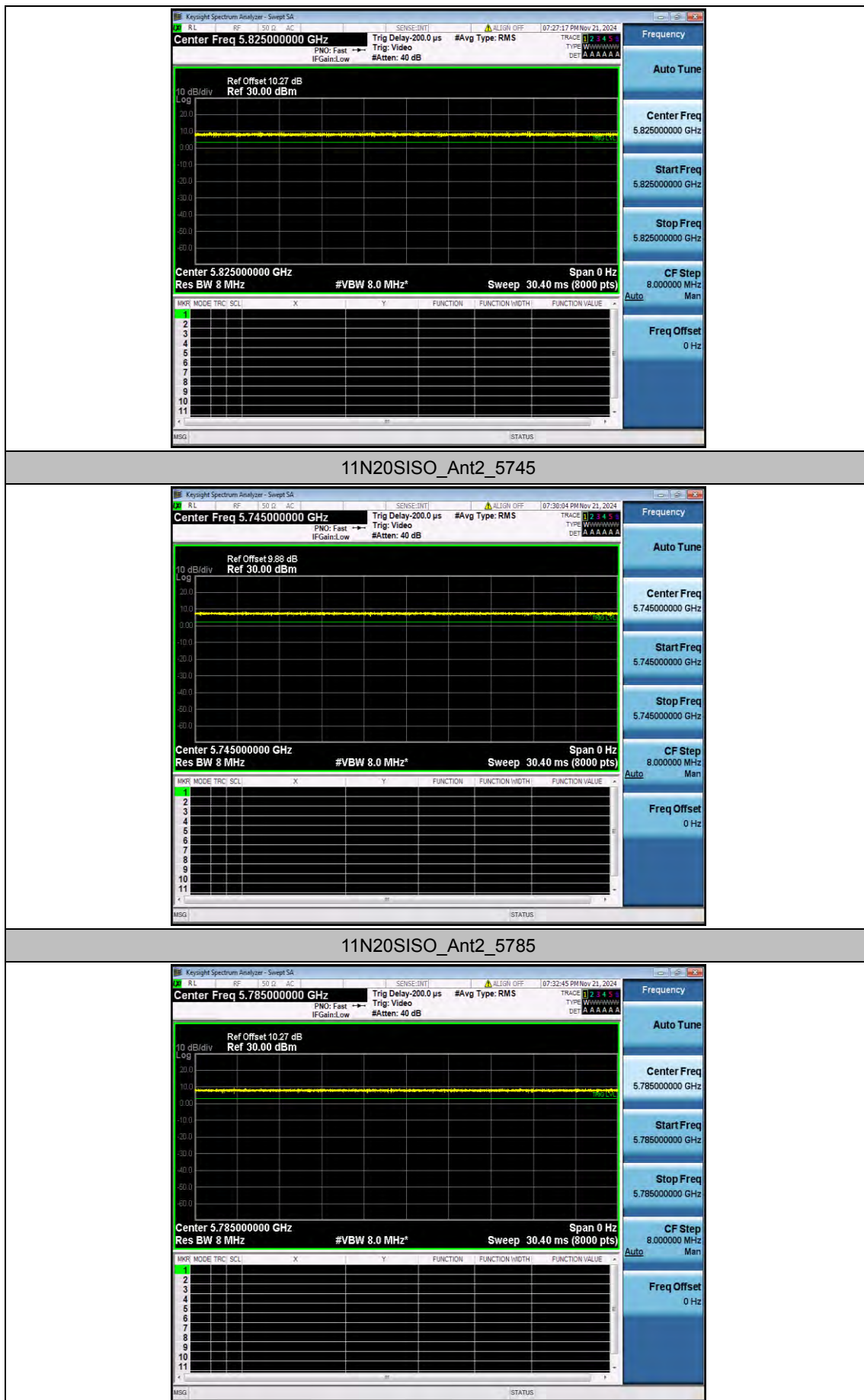
11A_Ant2_5745

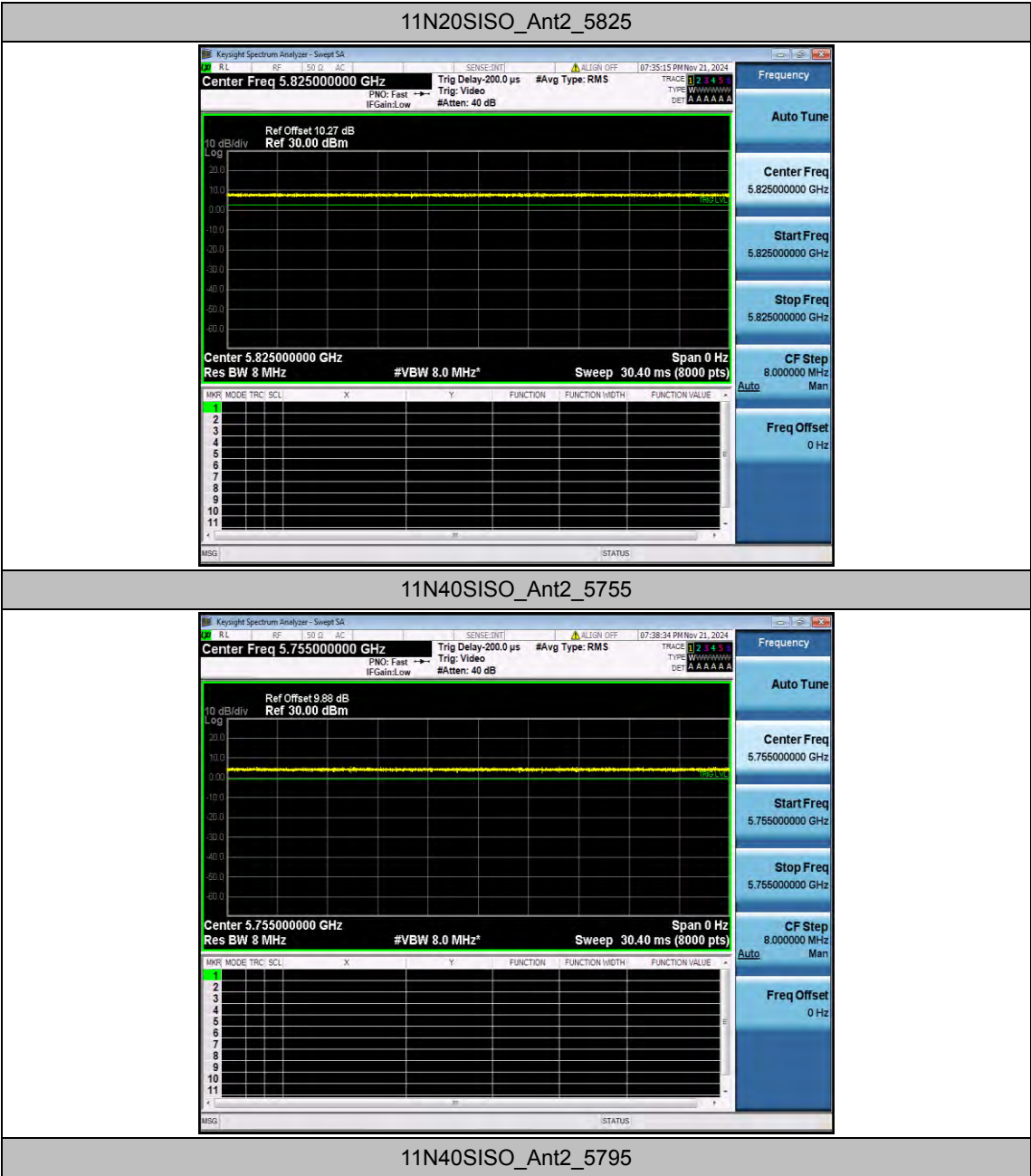


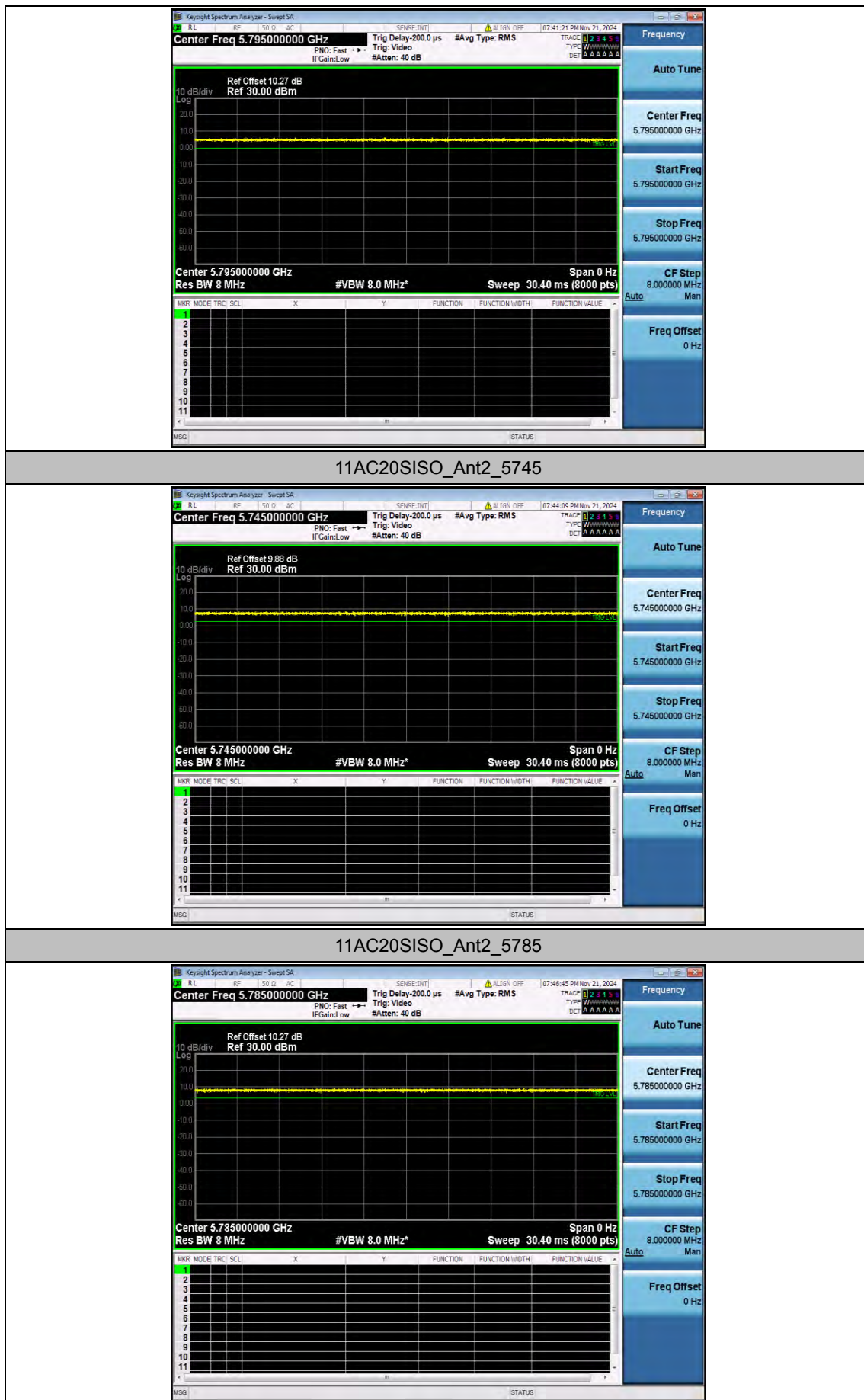
11A_Ant2_5785



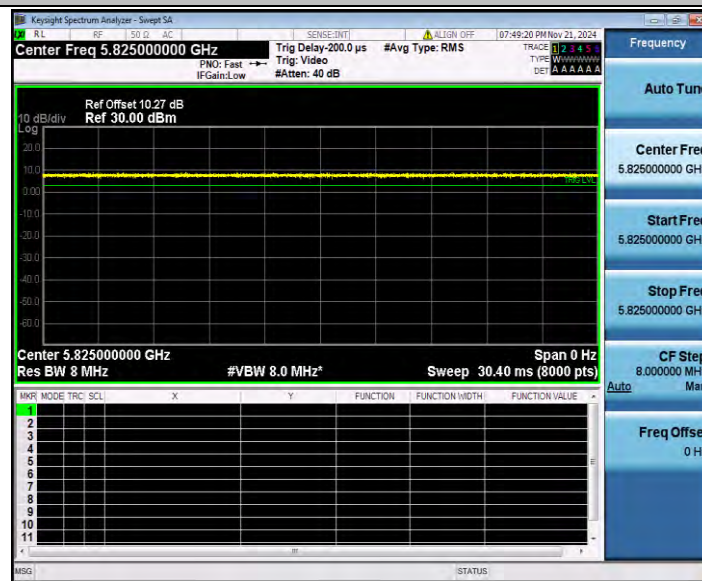
11A_Ant2_5825



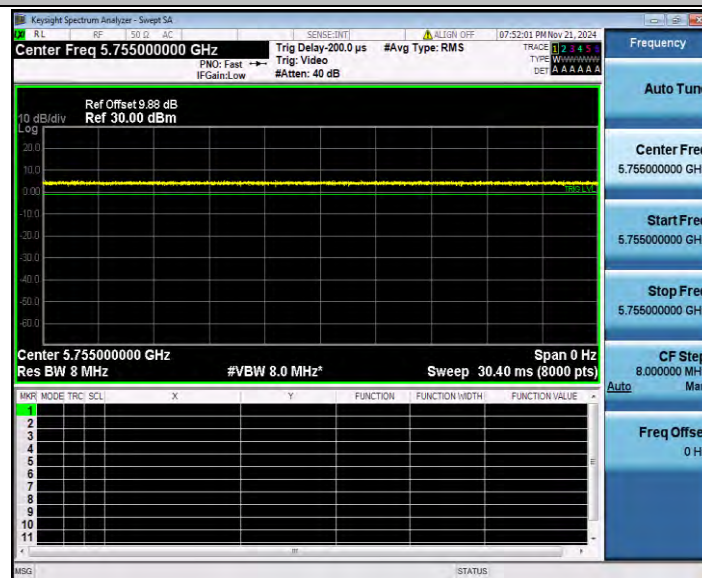




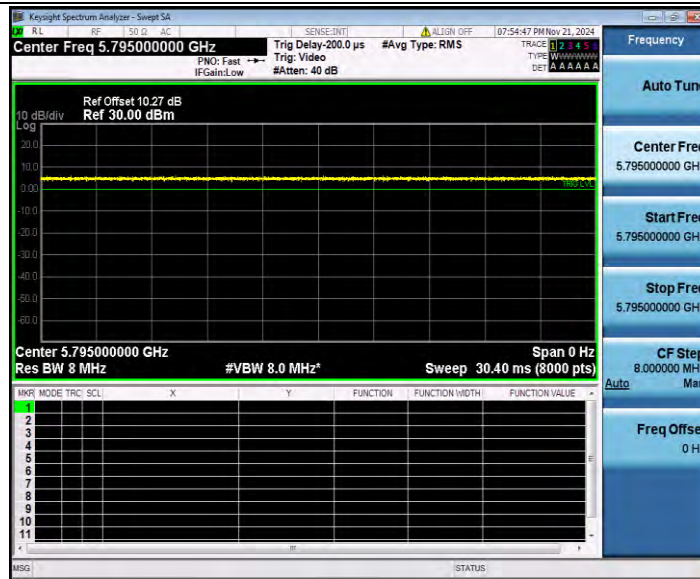
11AC20SISO_Ant2_5825



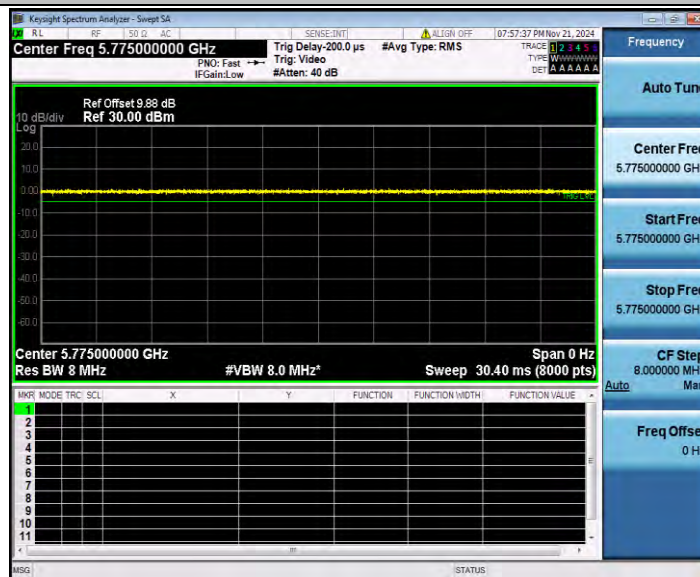
11AC40SISO_Ant2_5755



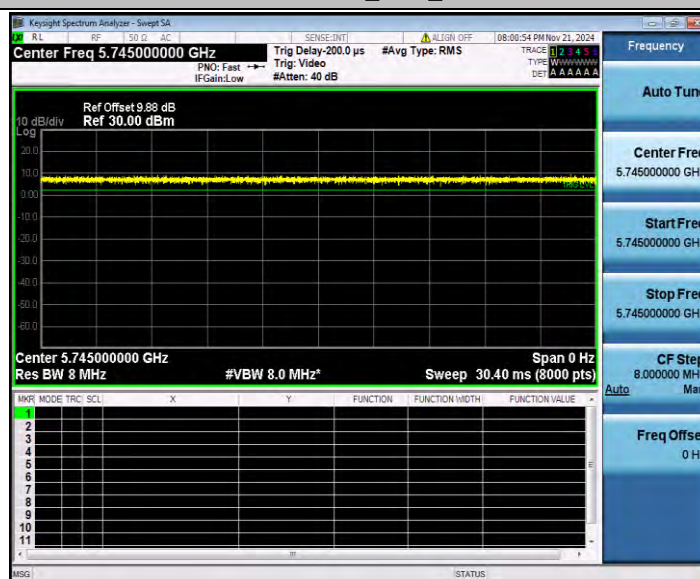
11AC40SISO_Ant2_5795



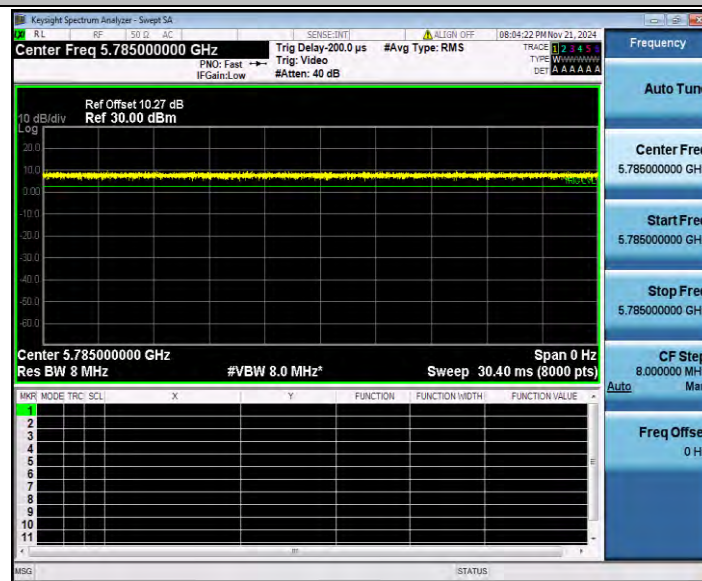
11AC80SISO_Ant2_5775



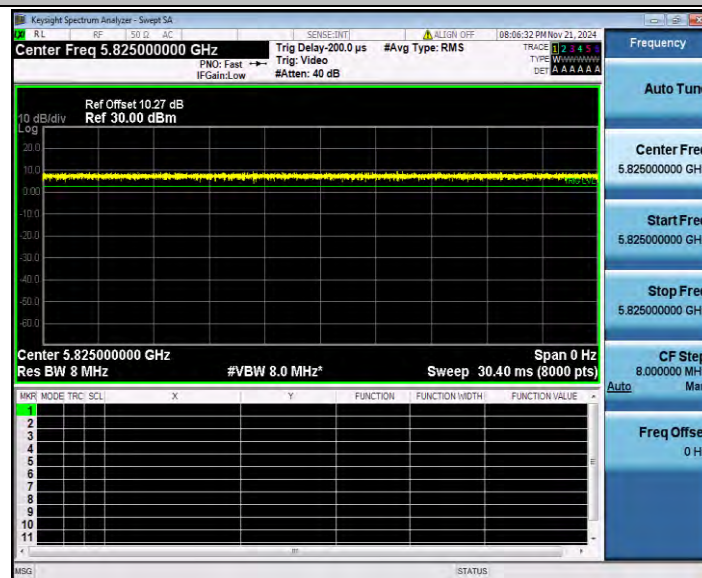
11AX20SISO_Ant2_5745



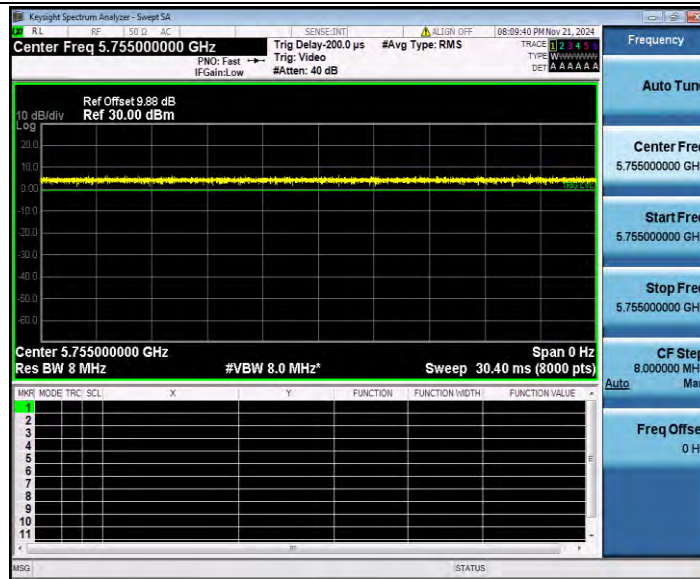
11AX20SISO_Ant2_5785



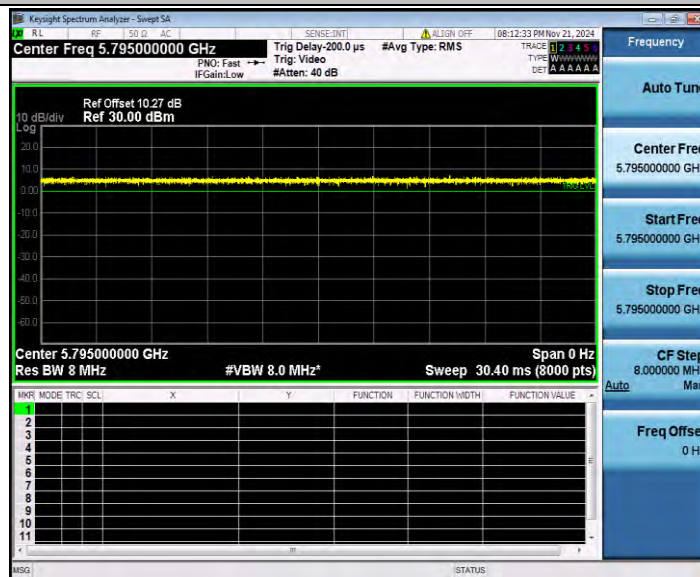
11AX20SISO_Ant2_5825



11AX40SISO_Ant2_5755



11AX40SISO_Ant2_5795



11AX80SISO_Ant2_5775

