

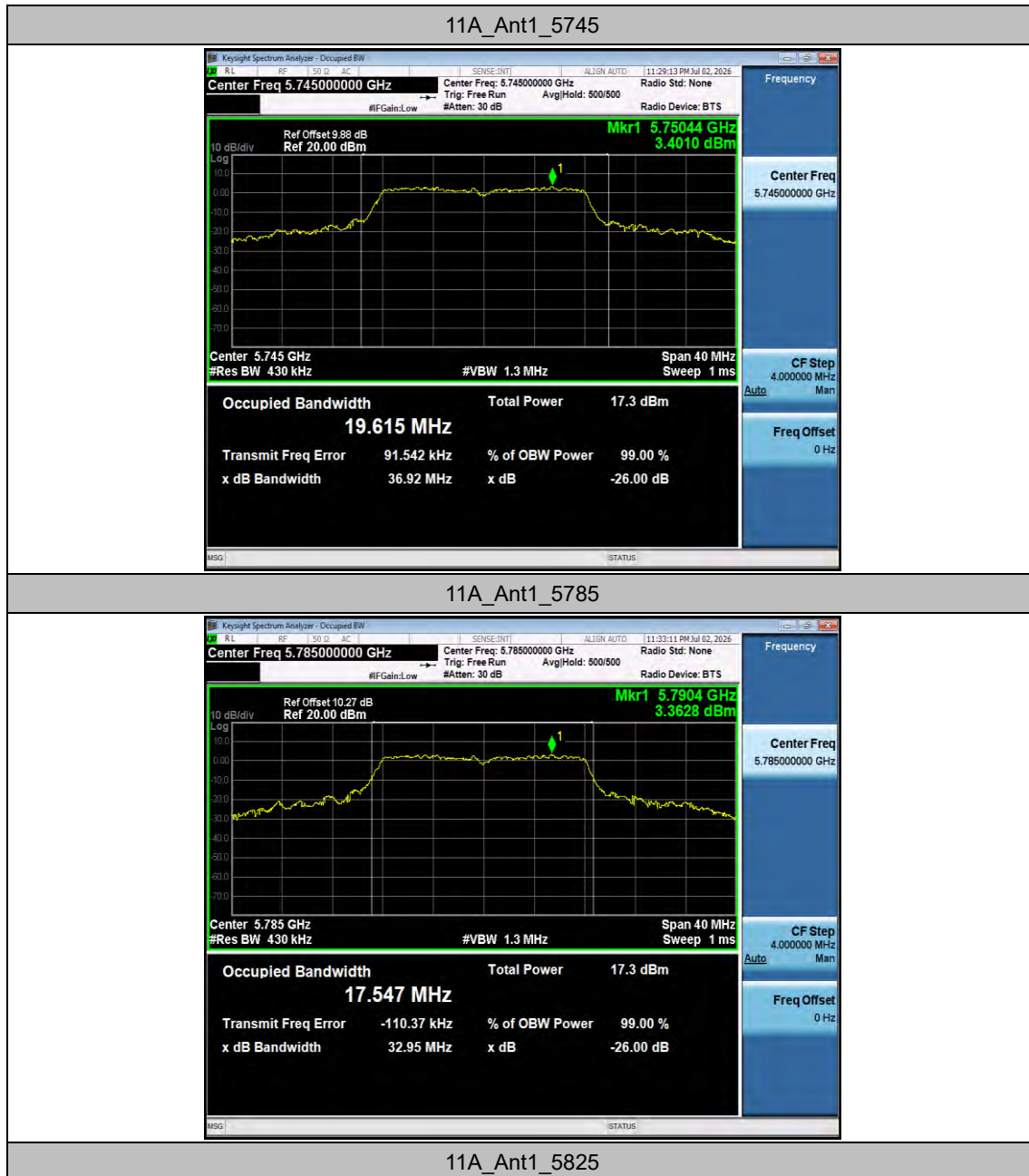
Case No. : <u>GTS20260617003-1-04</u>
Ambient Condition: <u>23</u> °C, <u>56</u> %RH
According Standard: ■Part15E
Test Date: <u>2026.6.22-2026.7.20</u> Test Engineer: <u>Evan ouyang</u>

Appendix G.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	19.615	5735.2840	5754.8990	---	---
		5785	17.547	5776.1161	5793.6631	---	---
		5825	17.325	5816.2063	5833.5313	---	---
11N20SISO	Ant1	5745	20.424	5734.9078	5755.3318	---	---
		5785	18.367	5775.7828	5794.1498	---	---
		5825	18.122	5815.8647	5833.9867	---	---
11N40SISO	Ant1	5755	38.351	5735.8261	5774.1771	---	---
		5795	37.265	5776.4653	5813.7303	---	---
11AC20SISO	Ant1	5745	19.850	5735.0949	5754.9449	---	---
		5785	18.454	5775.7403	5794.1943	---	---
		5825	18.157	5815.8586	5834.0156	---	---
11AC40SISO	Ant1	5755	38.409	5735.8658	5774.2748	---	---
		5795	37.258	5776.4940	5813.7520	---	---
11AC80SISO	Ant1	5775	77.545	5736.4048	5813.9498	---	---

Test Graphs

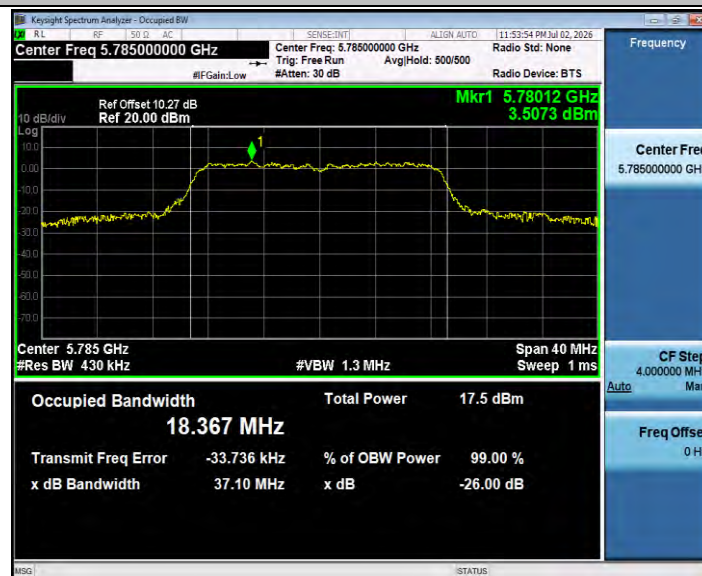




11N20SISO_Ant1_5745



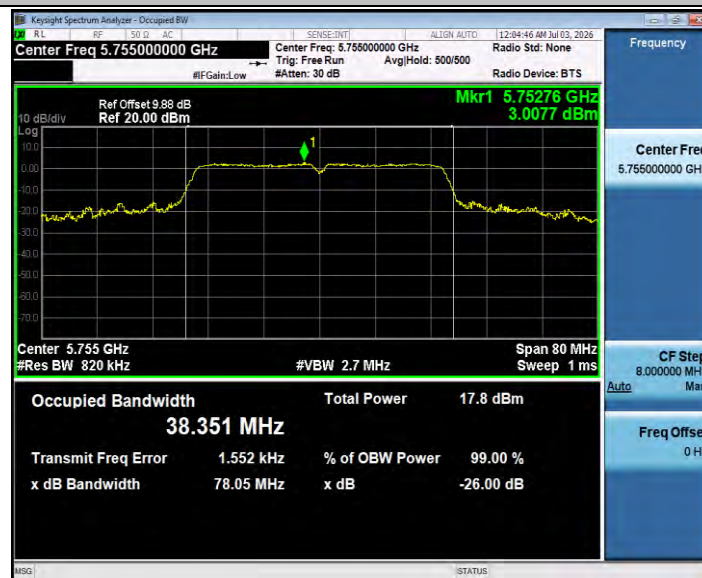
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



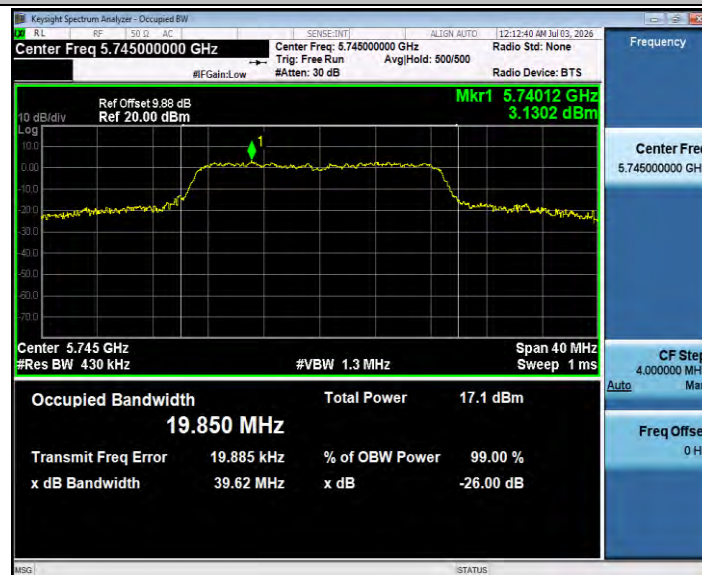
11N40SISO_Ant1_5755



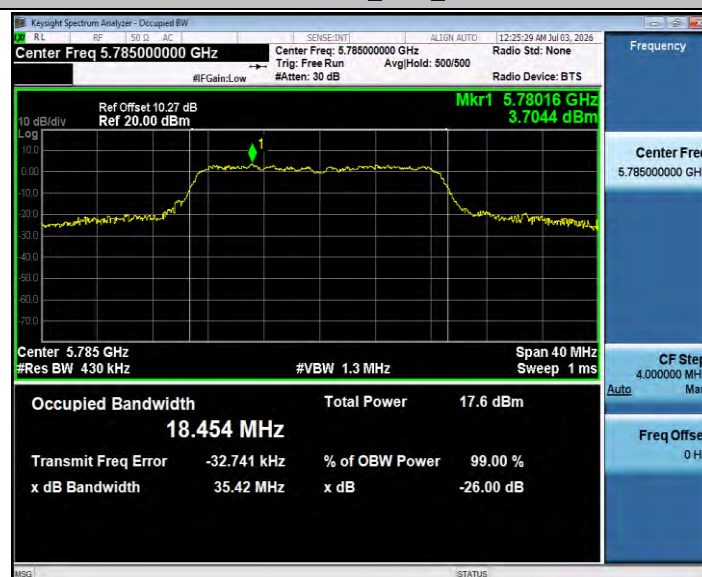
11N40SISO_Ant1_5795



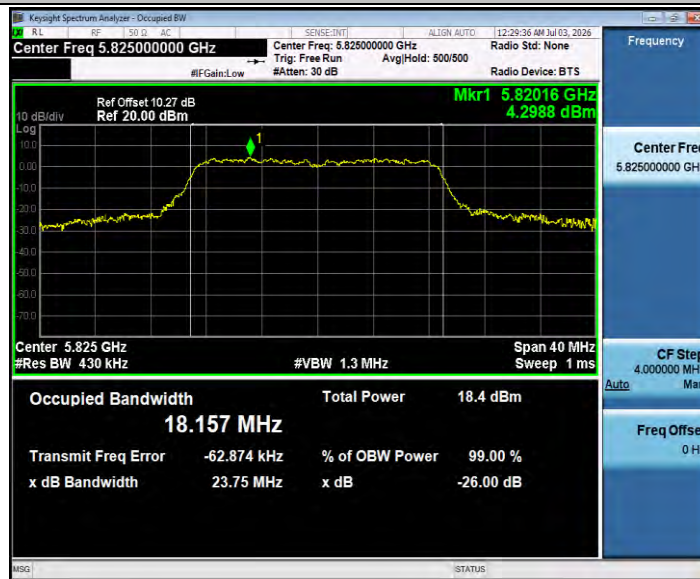
11AC20SISO_Ant1_5745



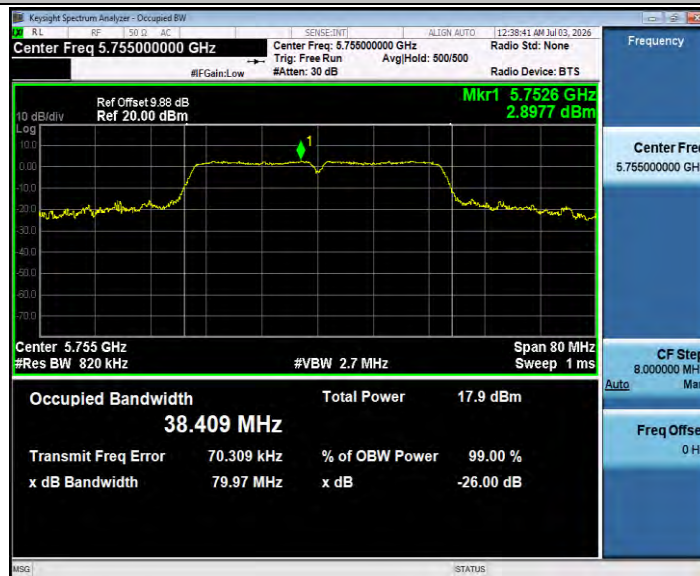
11AC20SISO_Ant1_5785



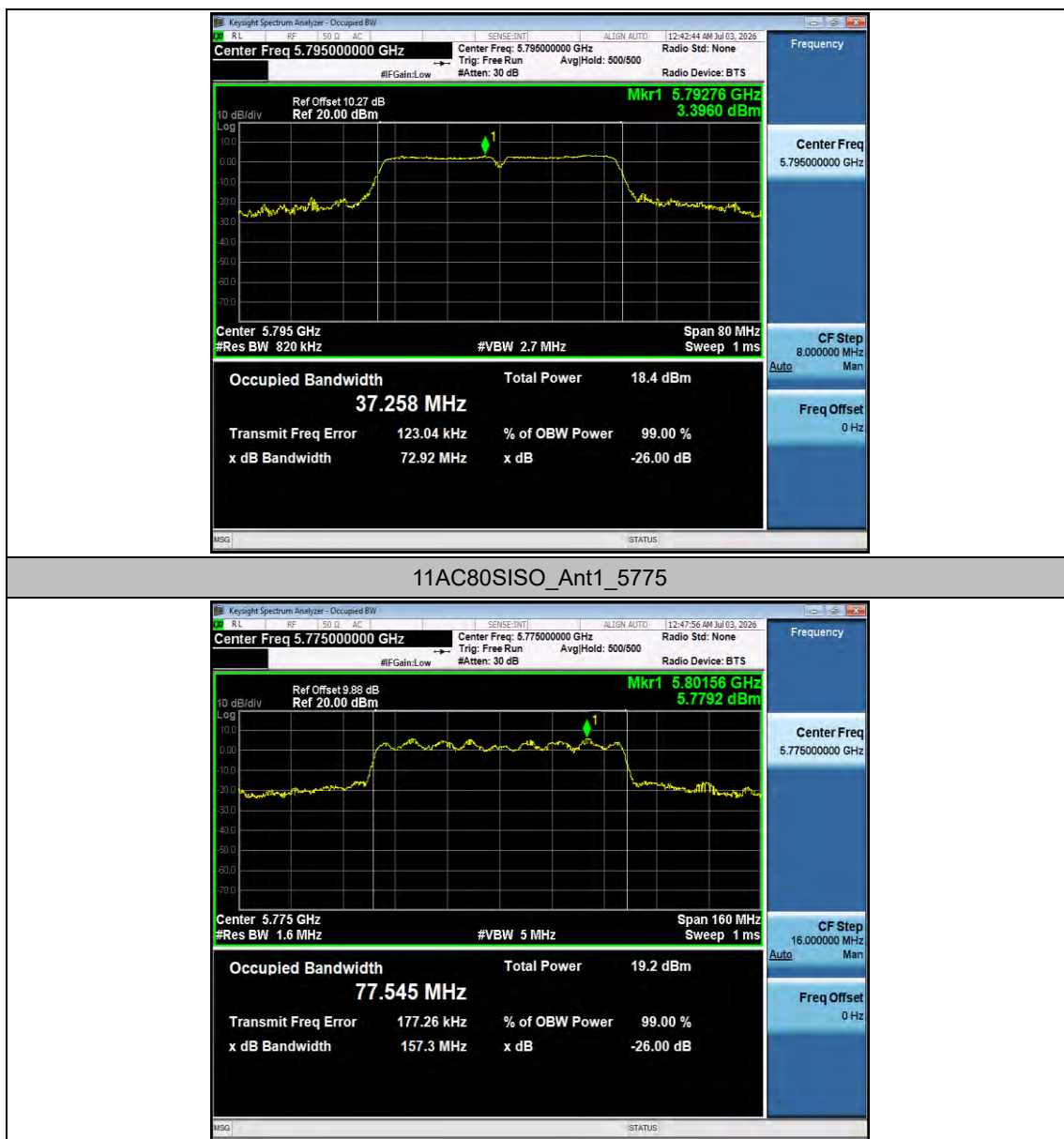
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795

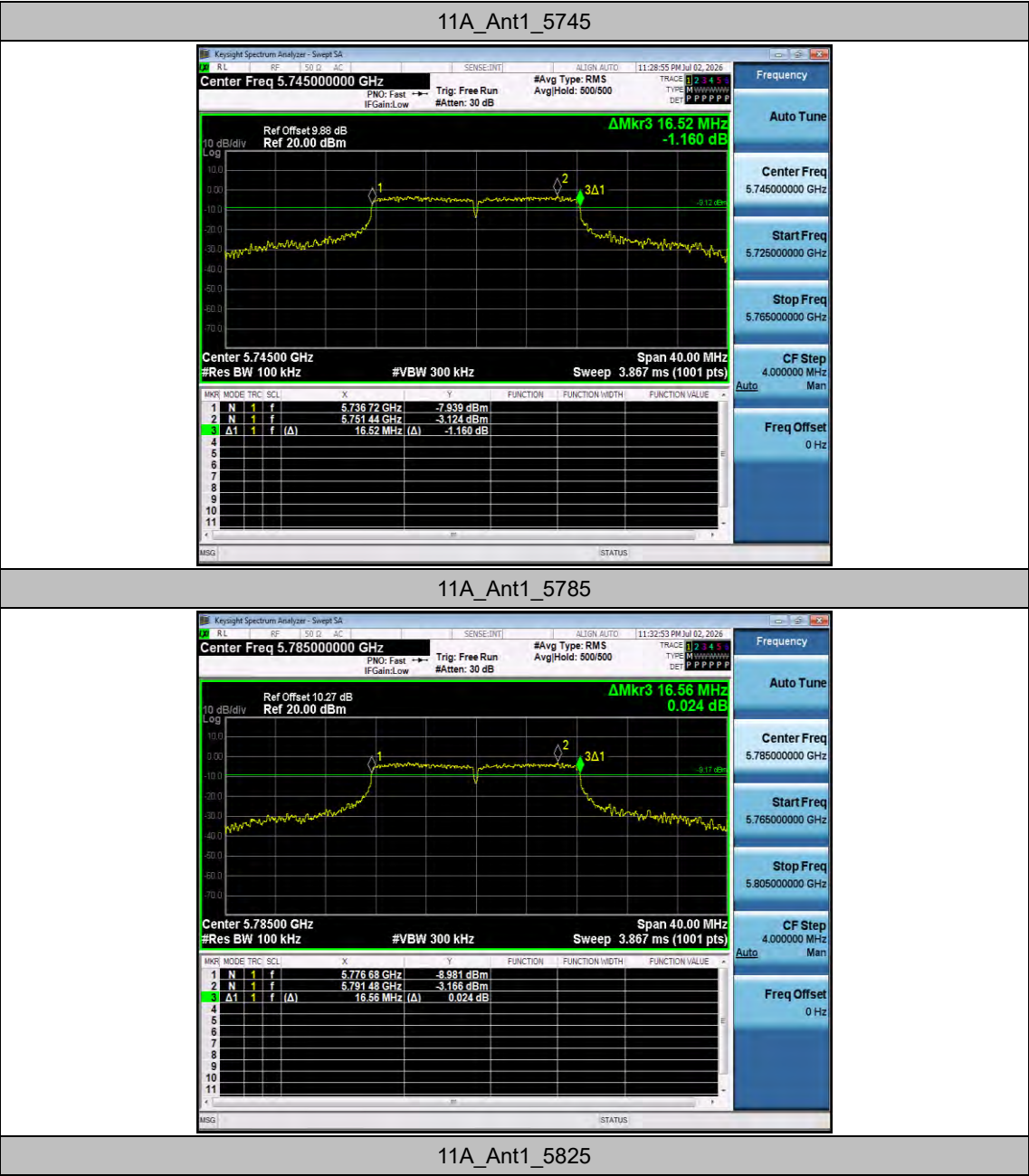


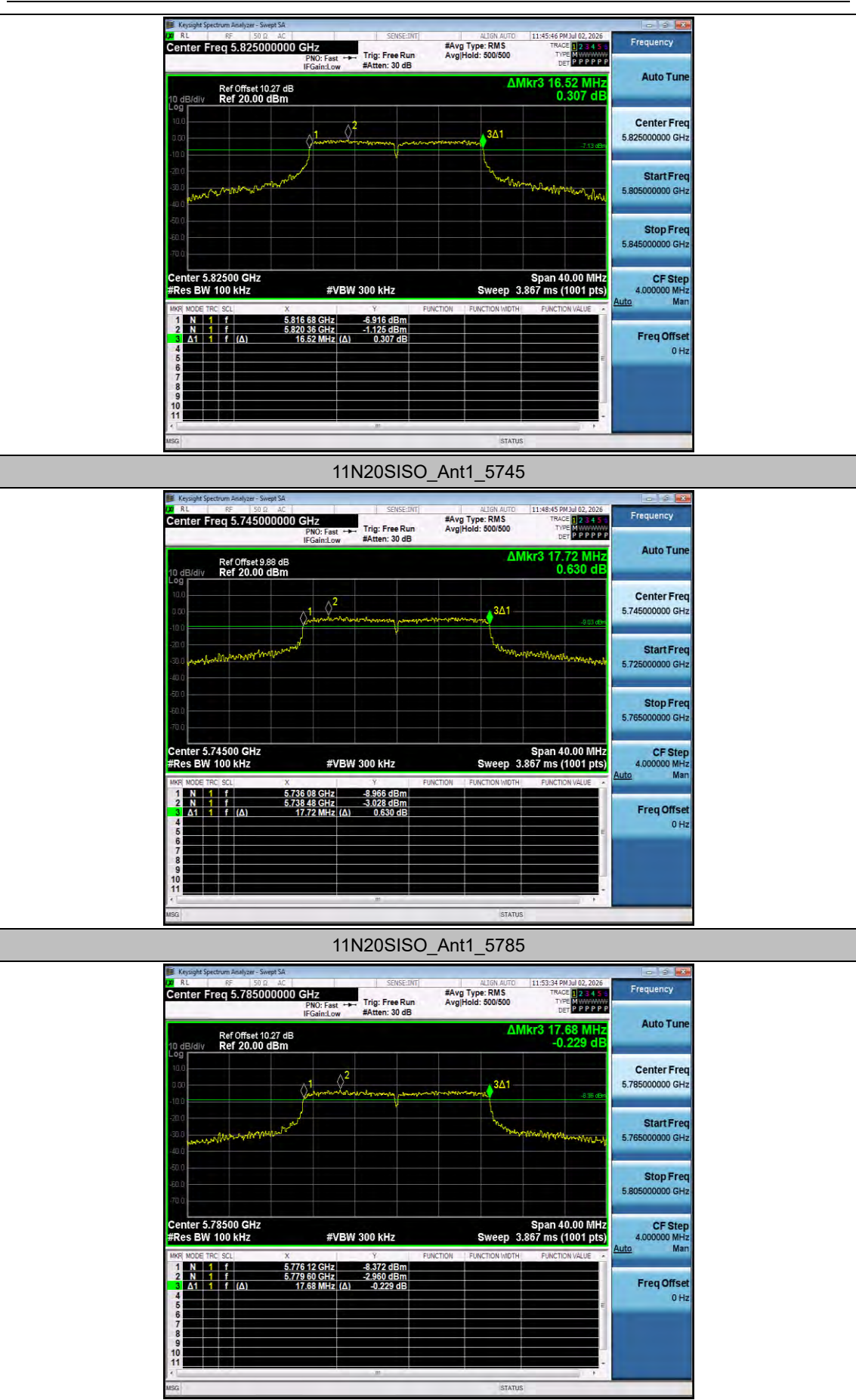
Appendix G.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.520	5736.720	5753.240	0.5	PASS
		5785	16.560	5776.680	5793.240	0.5	PASS
		5825	16.520	5816.680	5833.200	0.5	PASS
11N20SISO	Ant1	5745	17.720	5736.080	5753.800	0.5	PASS
		5785	17.680	5776.120	5793.800	0.5	PASS
		5825	17.640	5816.120	5833.760	0.5	PASS
11N40SISO	Ant1	5755	36.400	5736.760	5773.160	0.5	PASS
		5795	36.400	5776.760	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	17.680	5736.120	5753.800	0.5	PASS
		5785	17.680	5776.120	5793.800	0.5	PASS
		5825	17.640	5816.120	5833.760	0.5	PASS
11AC40SISO	Ant1	5755	36.400	5736.760	5773.160	0.5	PASS
		5795	36.400	5776.760	5813.160	0.5	PASS
11AC80SISO	Ant1	5775	76.320	5736.760	5813.080	0.5	PASS

Test Graphs B4

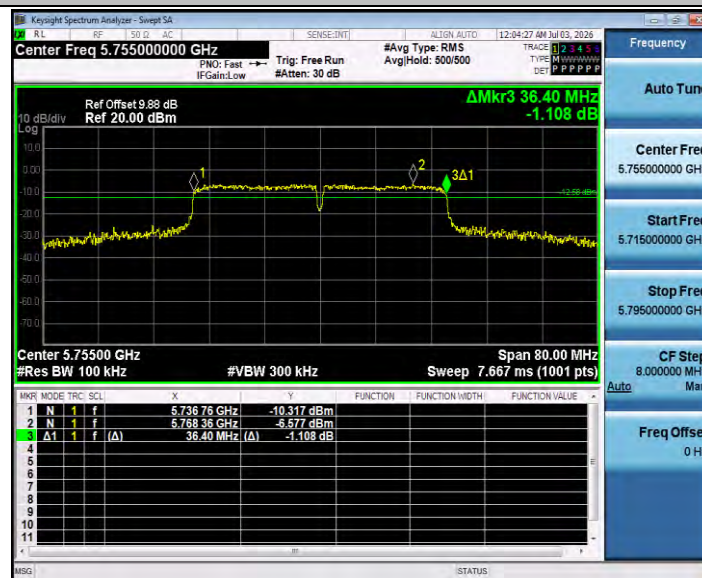




11N20SISO_Ant1_5825



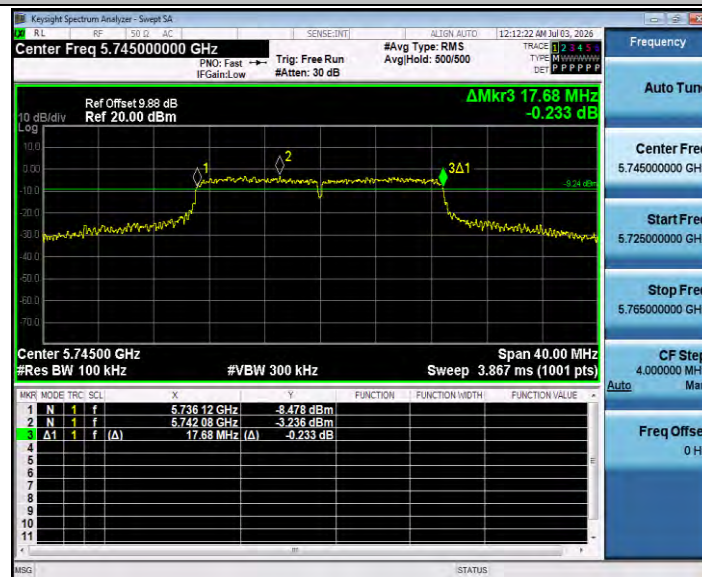
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



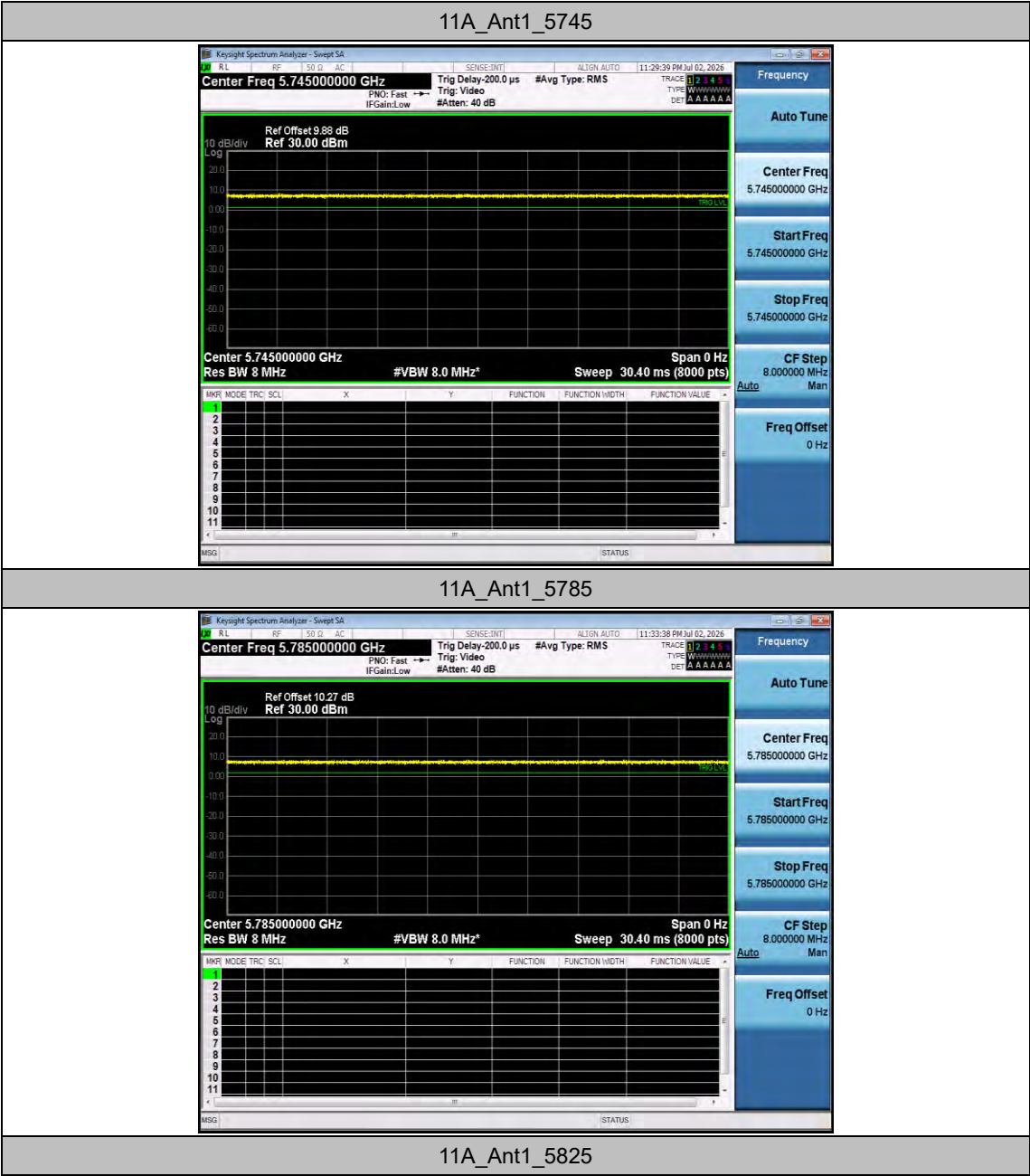
[illegible]

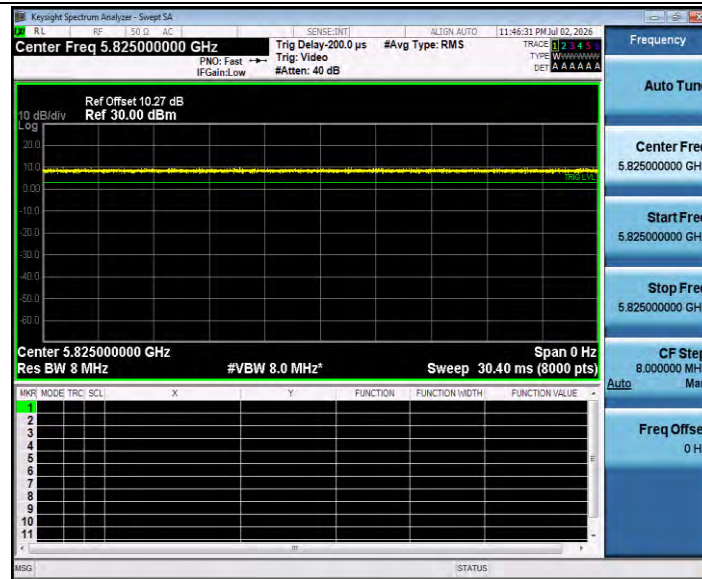
Appendix G.3: Duty Cycle

Test Result

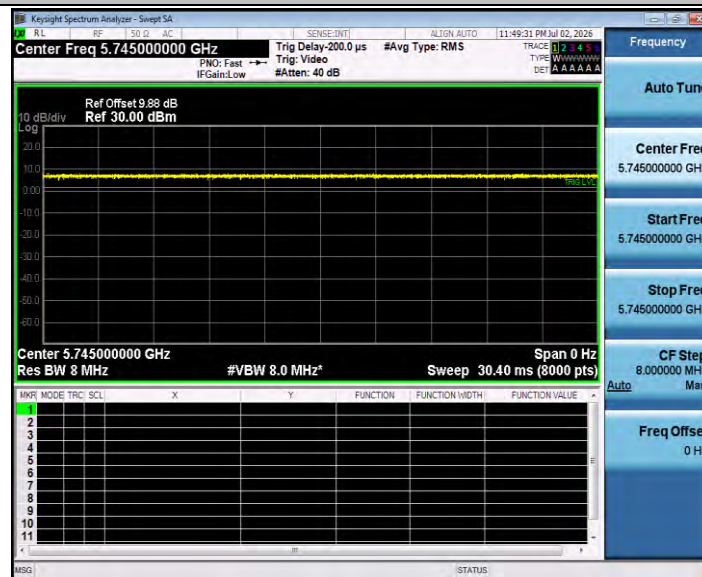
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	30.00	30.00	100.00	0.00	0.03
		5785	30.00	30.00	100.00	0.00	0.03
		5825	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant1	5745	30.00	30.00	100.00	0.00	0.03
		5785	30.00	30.00	100.00	0.00	0.03
		5825	30.00	30.00	100.00	0.00	0.03
11N40SISO	Ant1	5755	30.00	30.00	100.00	0.00	0.03
		5795	30.00	30.00	100.00	0.00	0.03
11AC20SISO	Ant1	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	Ant1	5755	30.00	30.00	100.00	0.00	0.03
		5795	30.00	30.00	100.00	0.00	0.03
11AC80SISO	Ant1	5775	30.00	30.00	100.00	0.00	0.03

Test Graphs

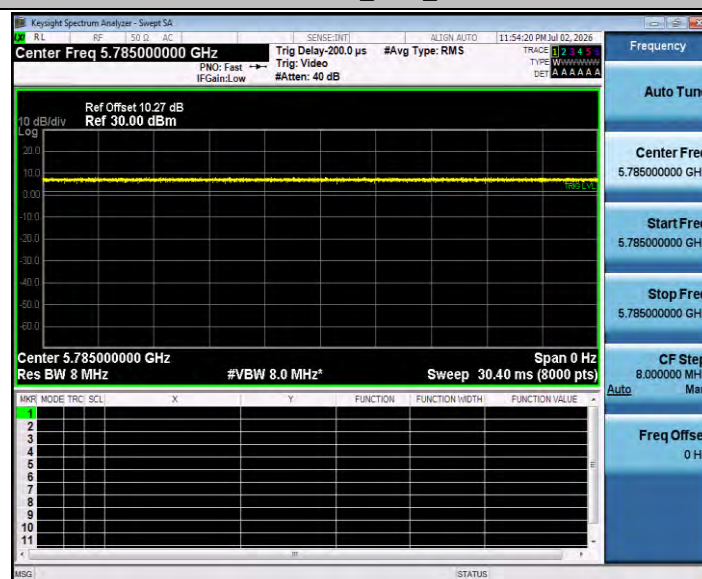




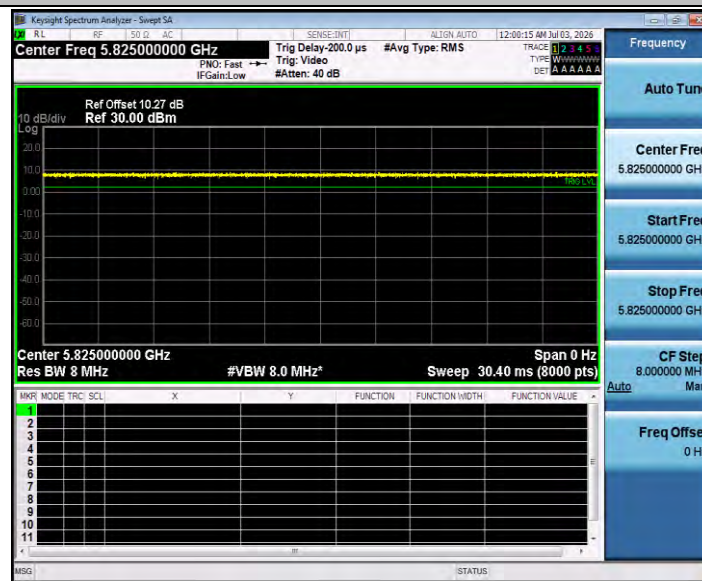
11N20SISO_Ant1_5745



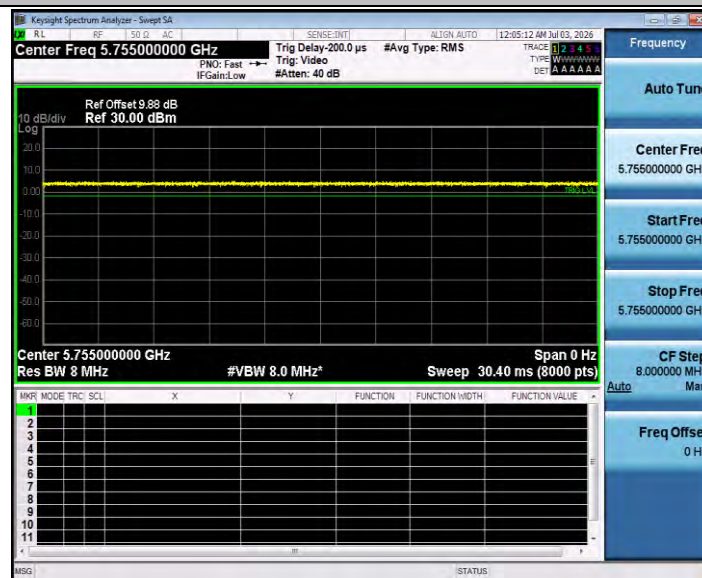
11N20SISO_Ant1_5785



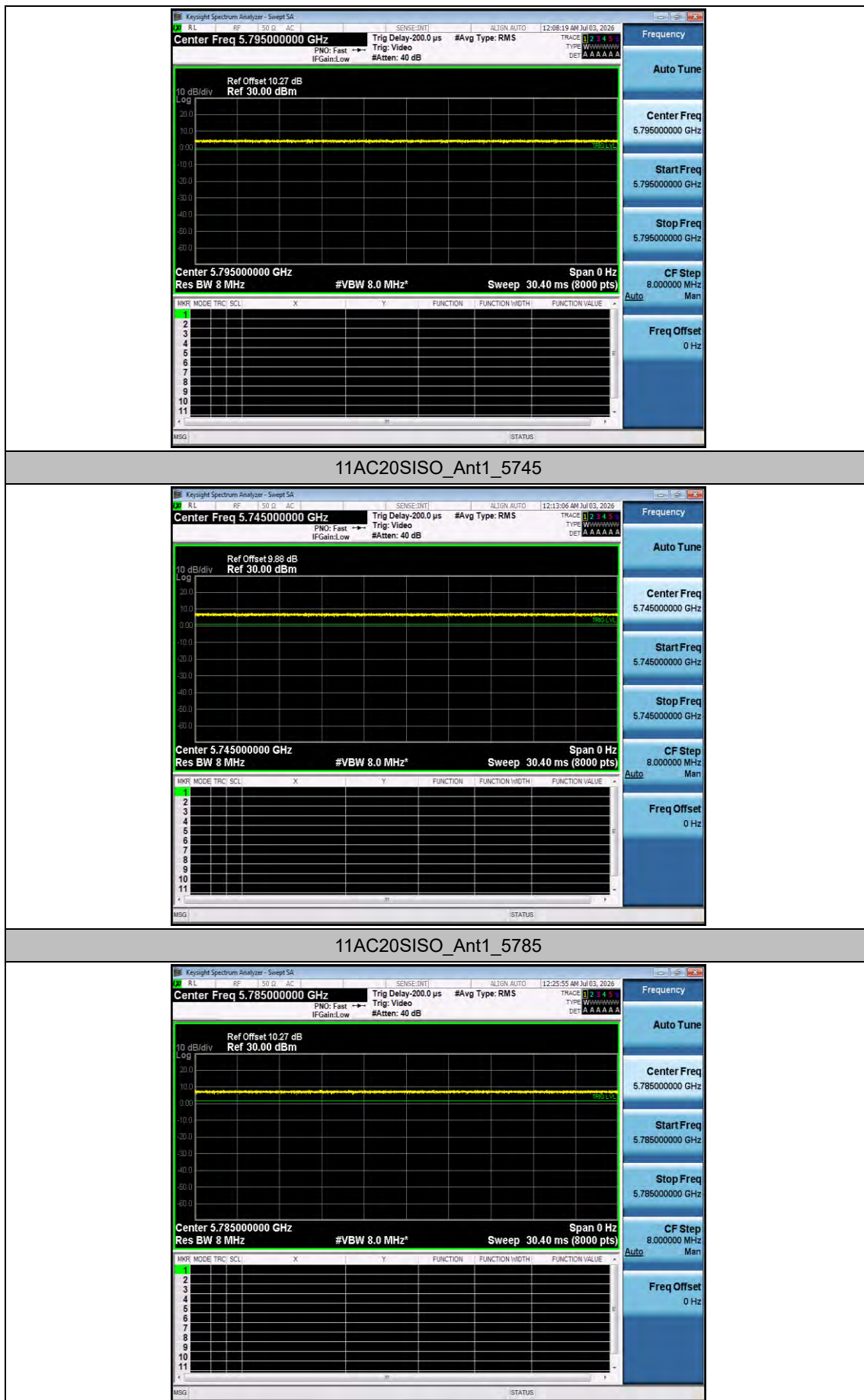
11N20SISO_Ant1_5825



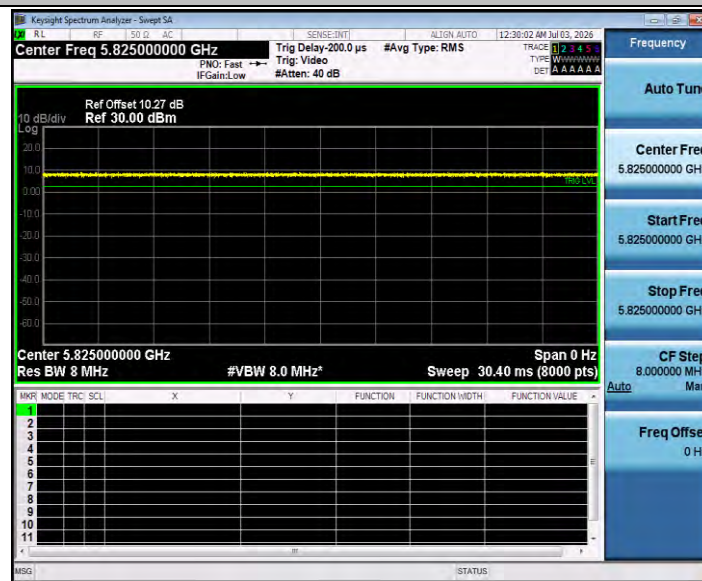
11N40SISO_Ant1_5755



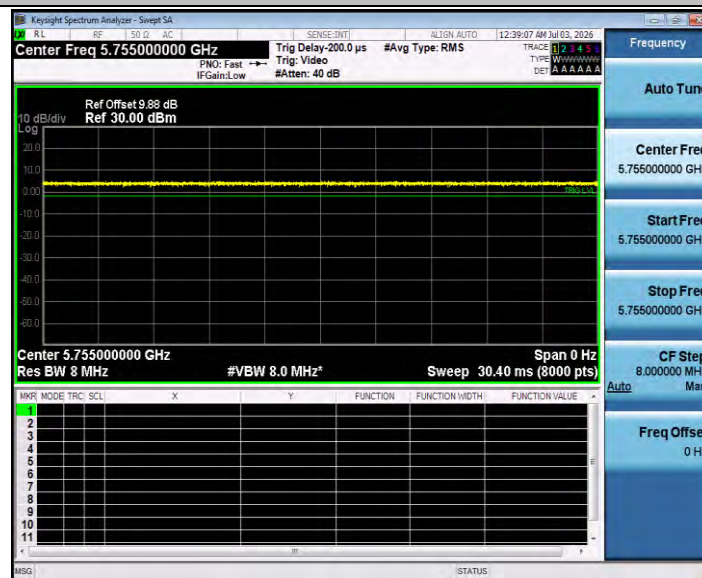
11N40SISO_Ant1_5795



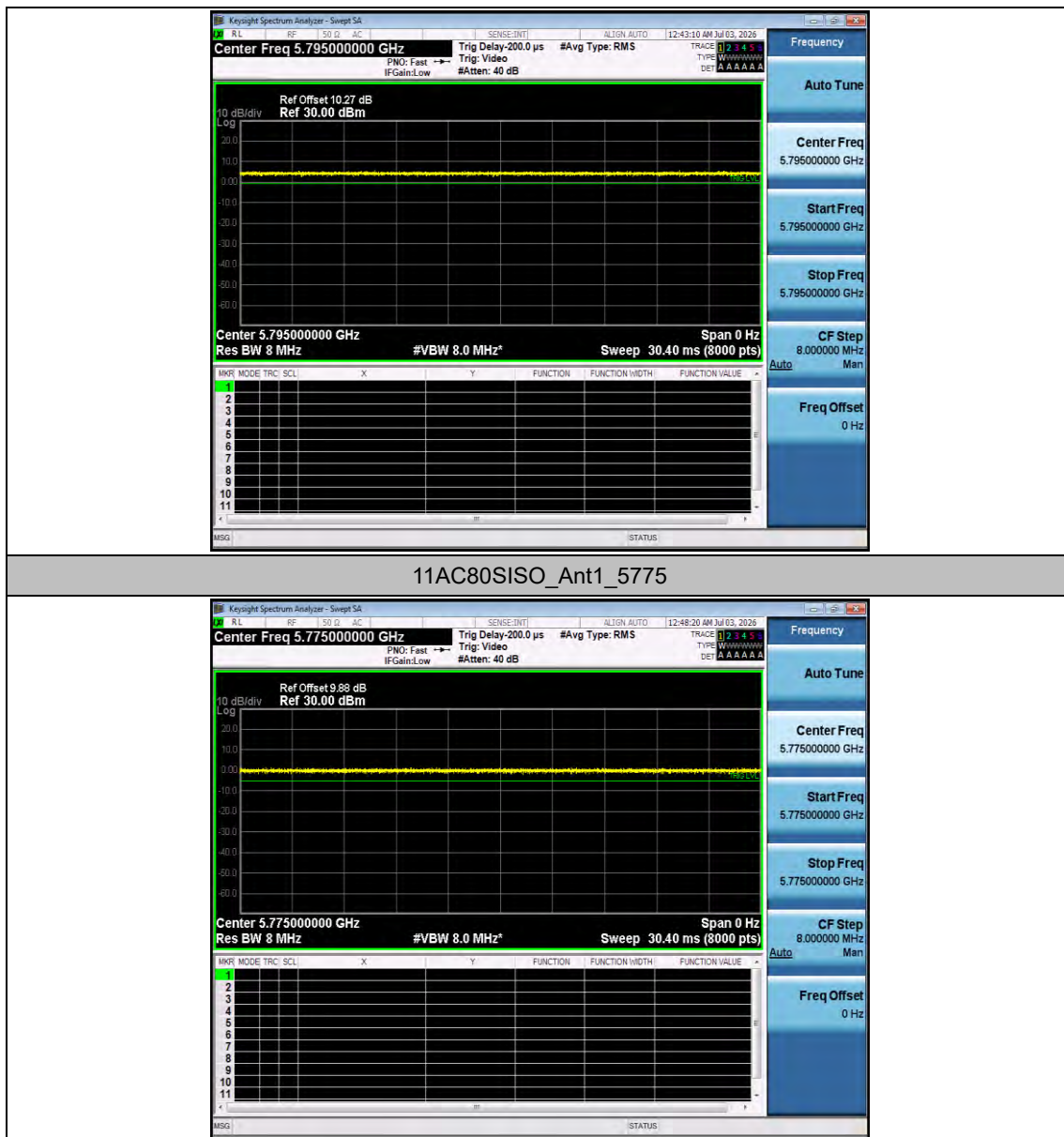
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



Appendix G.4: Maximum conducted output power

Test Result Channel Power

DC 11.4V by battery

Test Mode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	10.83	100.00	0.00	10.83	≤30.00	PASS
		5785	10.82	100.00	0.00	10.82	≤30.00	PASS
		5825	12.14	100.00	0.00	12.14	≤30.00	PASS
11N20SISO	Ant1	5745	10.72	100.00	0.00	10.72	≤30.00	PASS
		5785	10.76	100.00	0.00	10.76	≤30.00	PASS
		5825	11.68	100.00	0.00	11.68	≤30.00	PASS
11N40SISO	Ant1	5755	10.56	100.00	0.00	10.56	≤30.00	PASS
		5795	11.08	100.00	0.00	11.08	≤30.00	PASS
11AC20SISO	Ant1	5745	10.47	100.00	0.00	10.47	≤30.00	PASS
		5785	10.90	100.00	0.00	10.90	≤30.00	PASS
		5825	11.76	100.00	0.00	11.76	≤30.00	PASS
11AC40SISO	Ant1	5755	10.67	100.00	0.00	10.67	≤30.00	PASS
		5795	11.25	100.00	0.00	11.25	≤30.00	PASS
11AC80SISO	Ant1	5775	10.37	100.00	0.00	10.37	≤30.00	PASS

DC 7.6V by battery

Test Mode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	10.56	100.00	0.00	10.56	≤30.00	PASS
		5785	10.65	100.00	0.00	10.65	≤30.00	PASS
		5825	11.98	100.00	0.00	11.98	≤30.00	PASS
11N20SISO	Ant1	5745	10.35	100.00	0.00	10.35	≤30.00	PASS
		5785	10.27	100.00	0.00	10.27	≤30.00	PASS
		5825	11.38	100.00	0.00	11.38	≤30.00	PASS
11N40SISO	Ant1	5755	10.12	100.00	0.00	10.12	≤30.00	PASS
		5795	10.88	100.00	0.00	10.88	≤30.00	PASS
11AC20SISO	Ant1	5745	10.05	100.00	0.00	10.05	≤30.00	PASS
		5785	10.54	100.00	0.00	10.54	≤30.00	PASS
		5825	11.31	100.00	0.00	11.31	≤30.00	PASS
11AC40SISO	Ant1	5755	10.23	100.00	0.00	10.23	≤30.00	PASS
		5795	10.97	100.00	0.00	10.97	≤30.00	PASS
11AC80SISO	Ant1	5775	10.02	100.00	0.00	10.02	≤30.00	PASS

Appendix G.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-3.72	≤30.00	PASS
		5785	-3.47	≤30.00	PASS
		5825	-2.38	≤30.00	PASS
11N20SISO	Ant1	5745	-3.76	≤30.00	PASS
		5785	-3.64	≤30.00	PASS
		5825	-2.83	≤30.00	PASS
11N40SISO	Ant1	5755	-7.11	≤30.00	PASS
		5795	-6.16	≤30.00	PASS
11AC20SISO	Ant1	5745	-3.91	≤30.00	PASS
		5785	-3.56	≤30.00	PASS
		5825	-2.79	≤30.00	PASS
11AC40SISO	Ant1	5755	-7.05	≤30.00	PASS
		5795	-6.00	≤30.00	PASS
11AC80SISO	Ant1	5775	-9.04	≤30.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

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



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



Appendix G.6:Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-39.91	≤-26.87	PASS
				5700~5720	-26.79	≤15.59	PASS
				5720~5725	-21.13	≤21.32	PASS
				5760~5650	-39.31	≤-27	PASS
		High	5825	5850~5855	-34.53	≤16.03	PASS
				5855~5875	-38.54	≤10.21	PASS
				5875~5925	-39.19	≤-26.61	PASS
				5925~5935	-37.26	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-40.16	≤-26.87	PASS
				5700~5720	-27.39	≤15.59	PASS
				5720~5725	-16.57	≤21.85	PASS
				5760~5650	-38.89	≤-27	PASS
		High	5825	5850~5855	-35.85	≤16.03	PASS
				5855~5875	-38.29	≤10.89	PASS
				5875~5925	-39.05	≤-26.61	PASS
				5925~5935	-37.47	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-39.31	≤-26.90	PASS
				5700~5720	-21.36	≤14.22	PASS
				5720~5725	-19.33	≤18.20	PASS
				5780~5650	-39.48	≤-27	PASS
		High	5795	5850~5855	-37.9	≤16.03	PASS
				5855~5875	-38.65	≤10.43	PASS
				5875~5925	-38.74	≤-26.83	PASS
				5925~5935	-38.48	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-39.54	≤-26.70	PASS
				5700~5720	-27.41	≤15.59	PASS
				5720~5725	-16.11	≤22.37	PASS
				5760~5650	-39.24	≤-27	PASS
		High	5825	5850~5855	-35.41	≤15.73	PASS
				5855~5875	-38.01	≤10.25	PASS
				5875~5925	-39.12	≤-26.91	PASS
				5925~5935	-38.36	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-40.54	≤-26.90	PASS
				5700~5720	-20.88	≤14.22	PASS
				5720~5725	-20.14	≤16.04	PASS
				5780~5650	-39.15	≤-27	PASS

		High	5795	5850~5855	-38.14	≤ 15.66	PASS
				5855~5875	-39.18	≤ 10.02	PASS
				5875~5925	-39.57	≤ -26.95	PASS
				5925~5935	-38.28	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-38.11	≤ -26.00	PASS
				5700~5720	-22.97	≤ 11.18	PASS
				5720~5725	-23.45	≤ 15.65	PASS
				5800~5650	-36.68	≤ -27	PASS
		High	5775	5850~5855	-24.97	≤ 17.10	PASS
				5855~5875	-25.86	≤ 12.78	PASS
				5875~5925	-38.14	≤ -25.78	PASS
				5925~5935	-38.37	≤ -27	PASS

Test GraphsB4





11N20SISO_Ant1_High_5825



11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795



11AC80SISO_Ant1_Low_5775



11AC80SISO_Ant1_High_5775



Appendix G.7:Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	2767.5	-40.8	≤-27	PASS
			5925~27000	25556.36	-31.42	≤-27	PASS
		5785	30~5650	5472.41	-39.47	≤-27	PASS
			5925~27000	24297.48	-31.27	≤-27	PASS
		5825	30~5650	5413.4	-39.49	≤-27	PASS
			5925~27000	25987.7	-31.64	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	4978.41	-39.89	≤-27	PASS
			5925~27000	26886.2	-32.04	≤-27	PASS
		5785	30~5650	2613.33	-39.1	≤-27	PASS
			5925~27000	26049.52	-31.1	≤-27	PASS
		5825	30~5650	3063.86	-40.54	≤-27	PASS
			5925~27000	26653.67	-31.21	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	2617.07	-40.42	≤-27	PASS
			5925~27000	23514.2	-31.96	≤-27	PASS
		5795	30~5650	2655.1	-39.89	≤-27	PASS
			5925~27000	24201.94	-31.27	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	2607.71	-40.57	≤-27	PASS
			5925~27000	23504.36	-31.79	≤-27	PASS
		5785	30~5650	5460.23	-40.75	≤-27	PASS
			5925~27000	26837.72	-30.81	≤-27	PASS
		5825	30~5650	5464.54	-39.99	≤-27	PASS
			5925~27000	25115.9	-31.52	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	2805.53	-40.02	≤-27	PASS
			5925~27000	26079.73	-32.02	≤-27	PASS
		5795	30~5650	5450.49	-39.16	≤-27	PASS
			5925~27000	23515.6	-31.25	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5011.38	-41.05	≤-27	PASS
			5925~27000	24777.99	-31.95	≤-27	PASS

Test Graphs

11A_Ant1_5745_30~5650



11A_Ant1_5745_5925~27000



11A_Ant1_5785_30~5650



11A_Ant1_5785_5925~27000



11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~27000



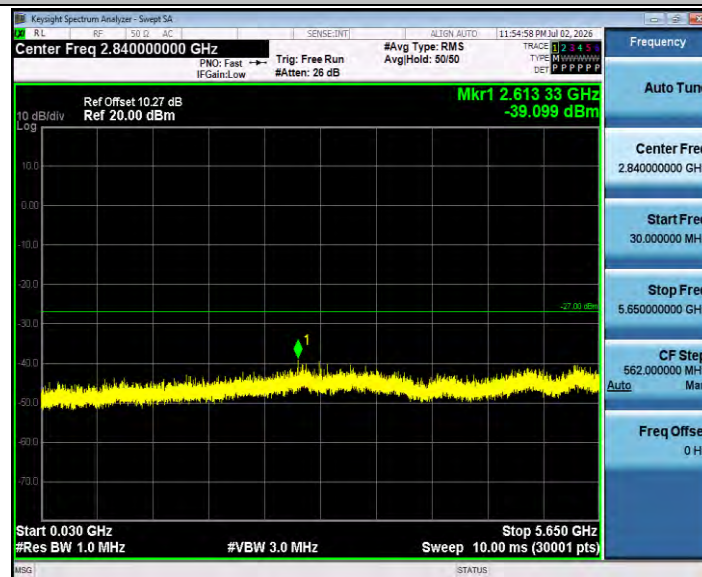
11N20SISO_Ant1_5745_30~5650



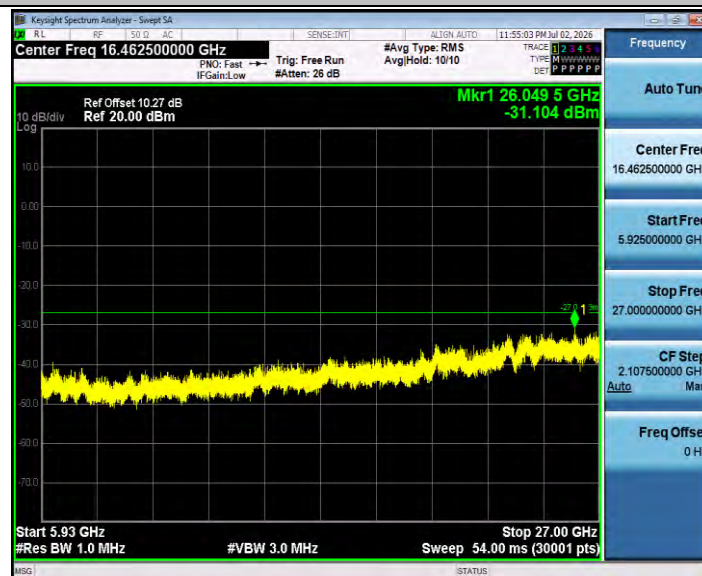
11N20SISO_Ant1_5745_5925~27000



11N20SISO_Ant1_5785_30~5650



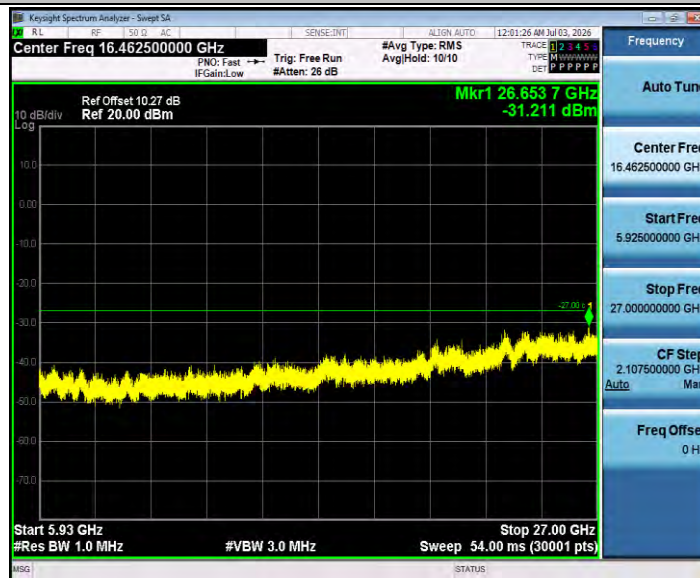
11N20SISO_Ant1_5785_5925~27000



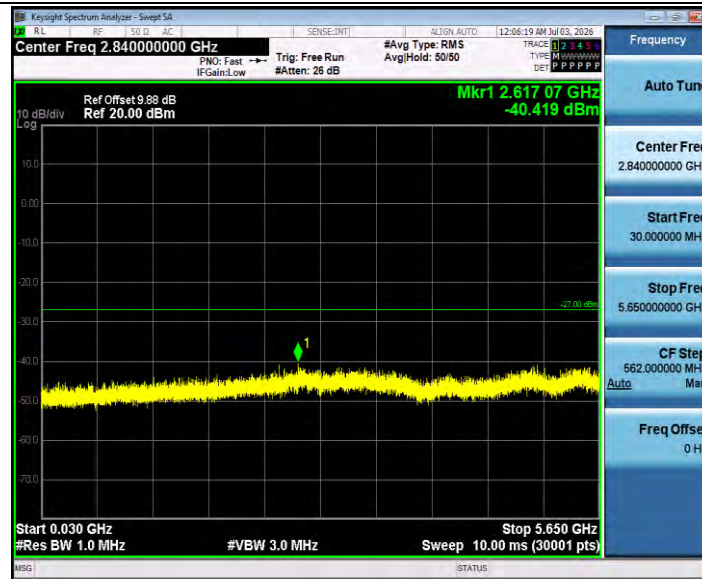
11N20SISO_Ant1_5825_30~5650



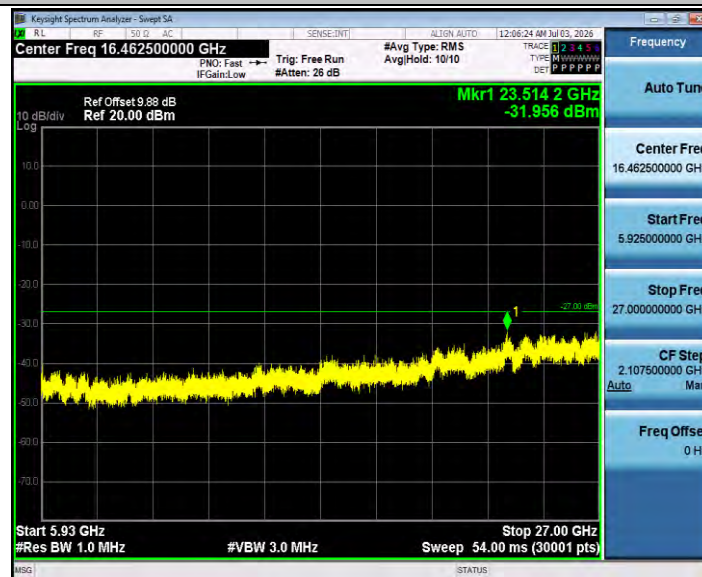
11N20SISO_Ant1_5825_5925~27000



11N40SISO_Ant1_5755_30~5650



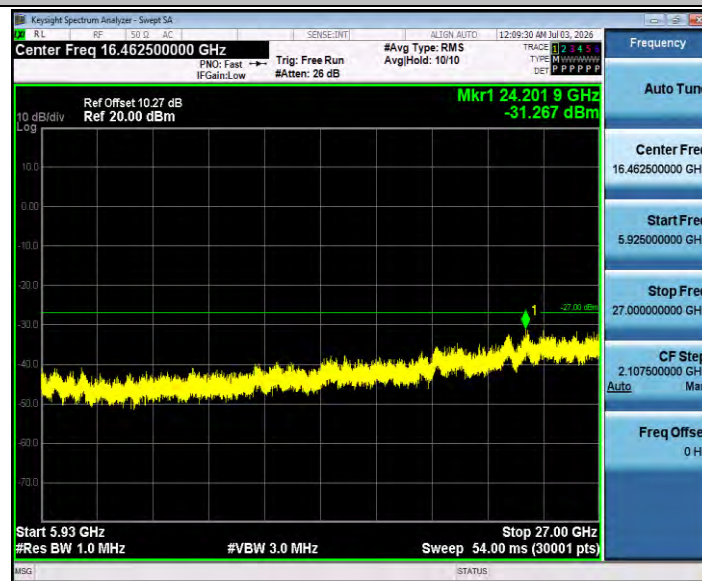
11N40SISO_Ant1_5755_5925~27000



11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~27000



11AC20SISO_Ant1_5745_30~5650



11AC20SISO_Ant1_5745_5925~27000



11AC20SISO_Ant1_5785_30~5650



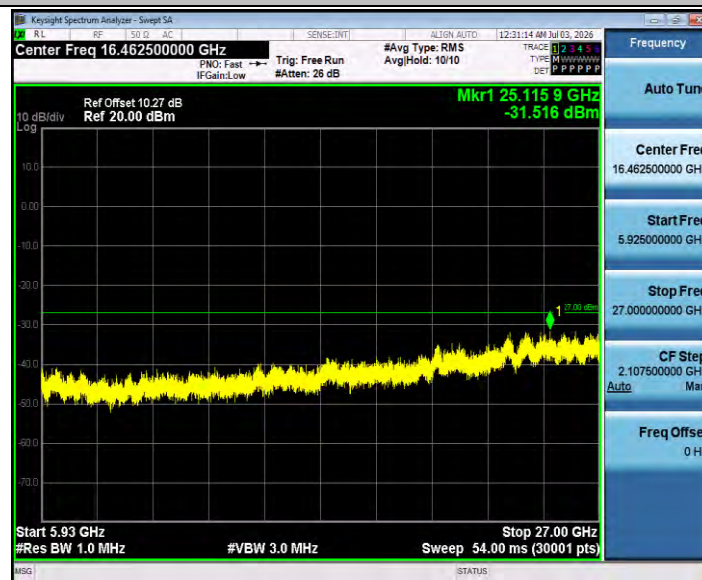
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11AC20SISO_Ant1_5825_30~5650



11AC20SISO_Ant1_5825_5925~27000



11AC40SISO_Ant1_5755_30~5650



11AC40SISO_Ant1_5755_5925~27000



11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~27000



11AC80SISO_Ant1_5775_30~5650



11AC80SISO_Ant1_5775_5925~27000

