

Case No. : <u>GTS20251225009-2-12</u>
Ambient Condition: <u>22</u> °C, <u>52</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.1.19-2026.3.10</u> Test Engineer: <u>Evan ouyang</u>

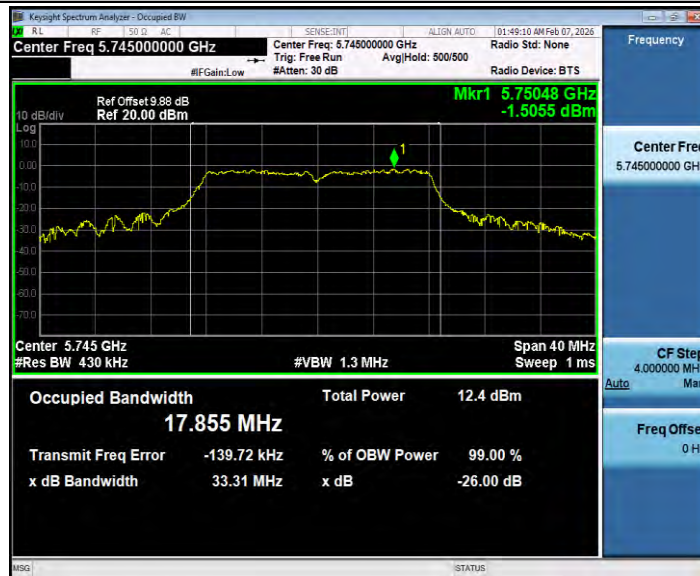
Appendix E.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.855	5735.9328	5753.7878	---	---
		5785	18.910	5775.5190	5794.4290	---	---
		5825	17.668	5815.9809	5833.6489	---	---
11N20SISO	Ant1	5745	19.982	5735.2466	5755.2286	---	---
		5785	19.267	5775.3911	5794.6581	---	---
		5825	18.525	5815.6520	5834.1770	---	---
11N40SISO	Ant1	5755	40.324	5735.7903	5776.1143	---	---
		5795	38.160	5776.1302	5814.2902	---	---
11AC20SISO	Ant1	5745	19.584	5735.3348	5754.9188	---	---
		5785	19.260	5775.3651	5794.6251	---	---
		5825	18.532	5815.6794	5834.2114	---	---
11AC40SISO	Ant1	5755	39.780	5735.8931	5775.6731	---	---
		5795	38.402	5776.0253	5814.4273	---	---
11AC80SISO	Ant1	5775	77.655	5736.7734	5814.4284	---	---

Test Graphs

11A_Ant1_5745



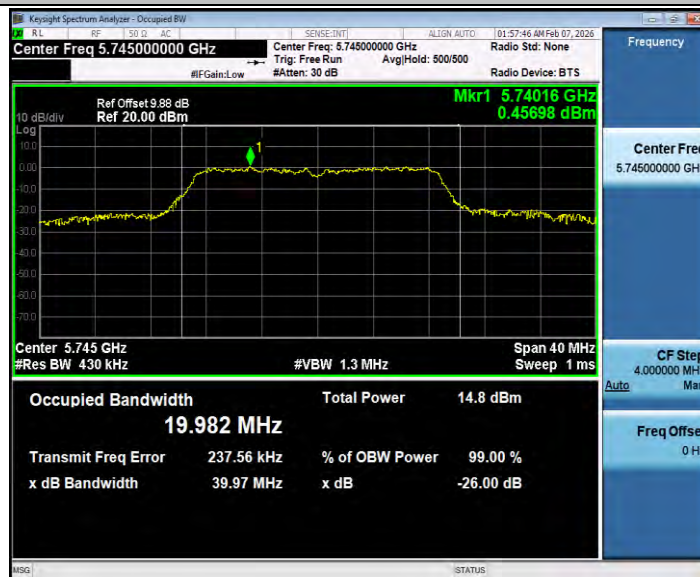
11A_Ant1_5785



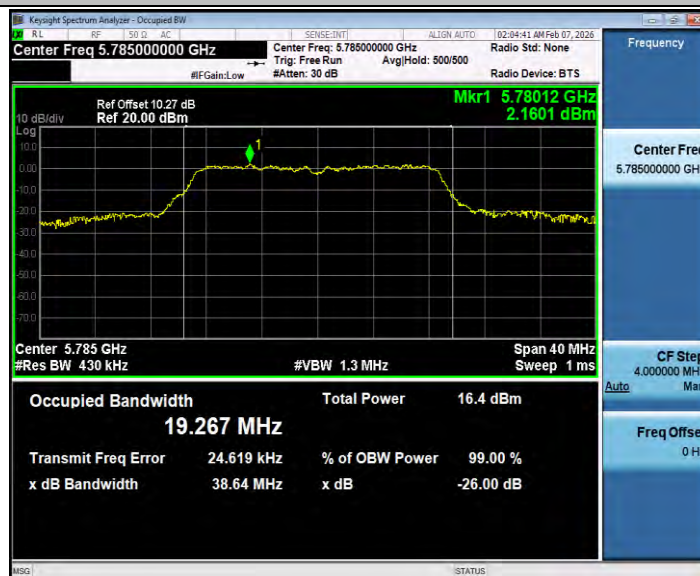
11A_Ant1_5825



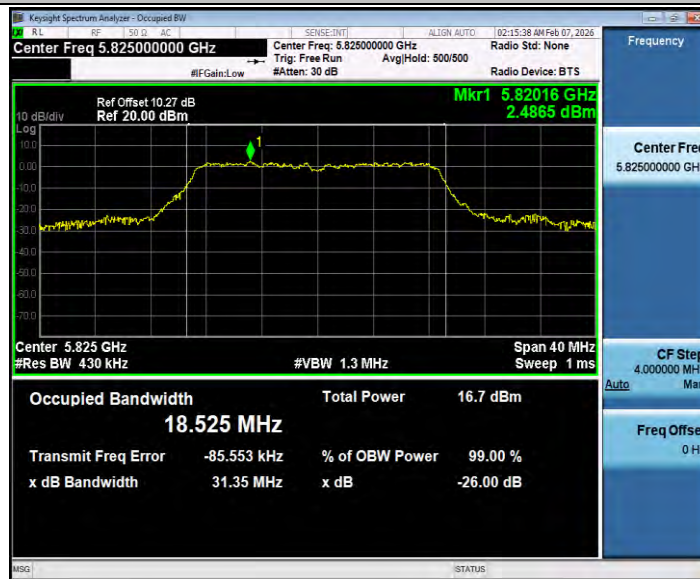
11N20SISO_Ant1_5745



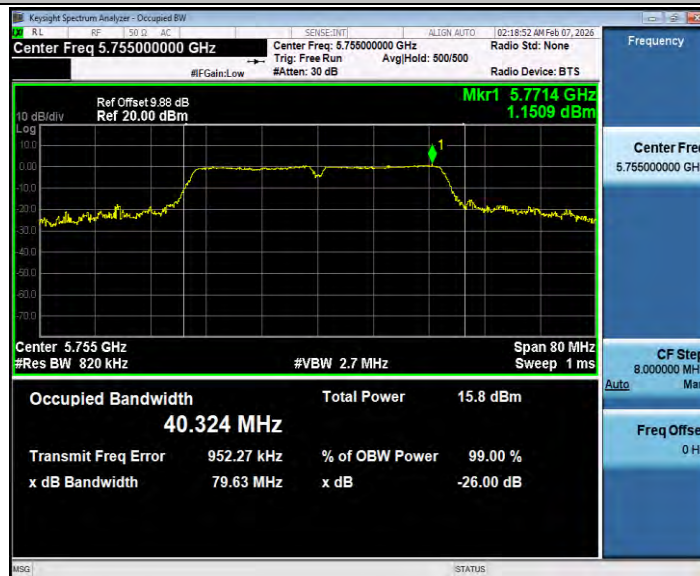
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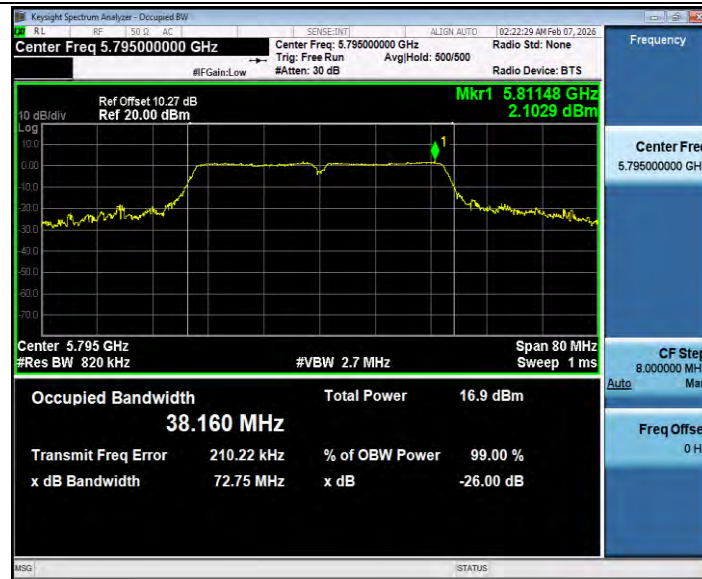
11N20SISO_Ant1_5825



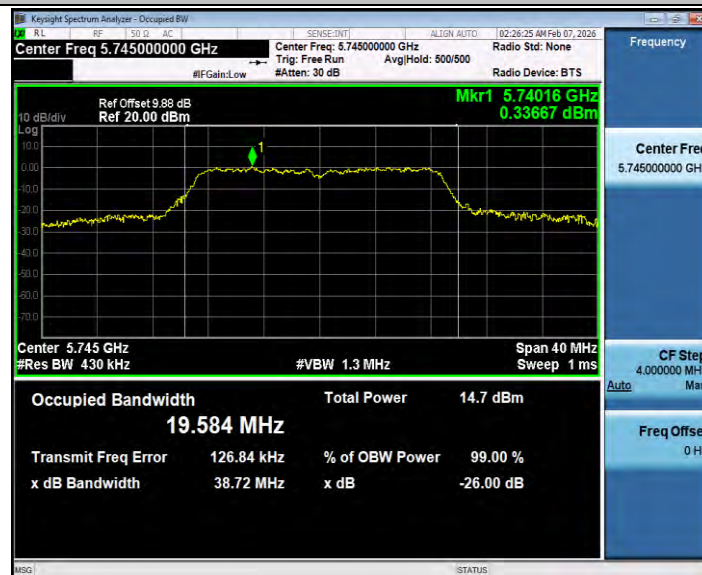
11N40SISO_Ant1_5755



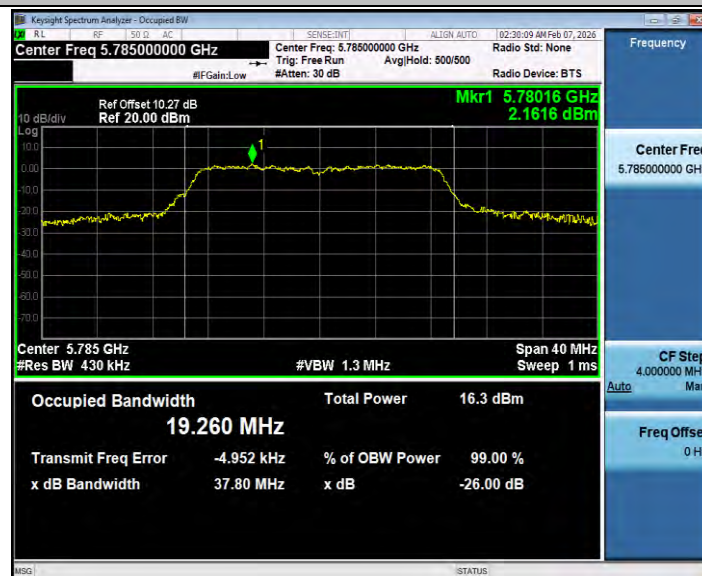
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11AC20SISO_Ant1_5745



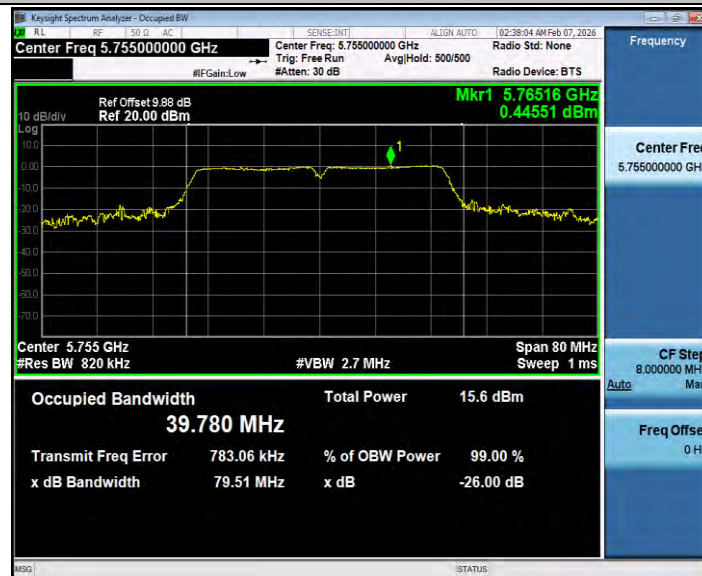
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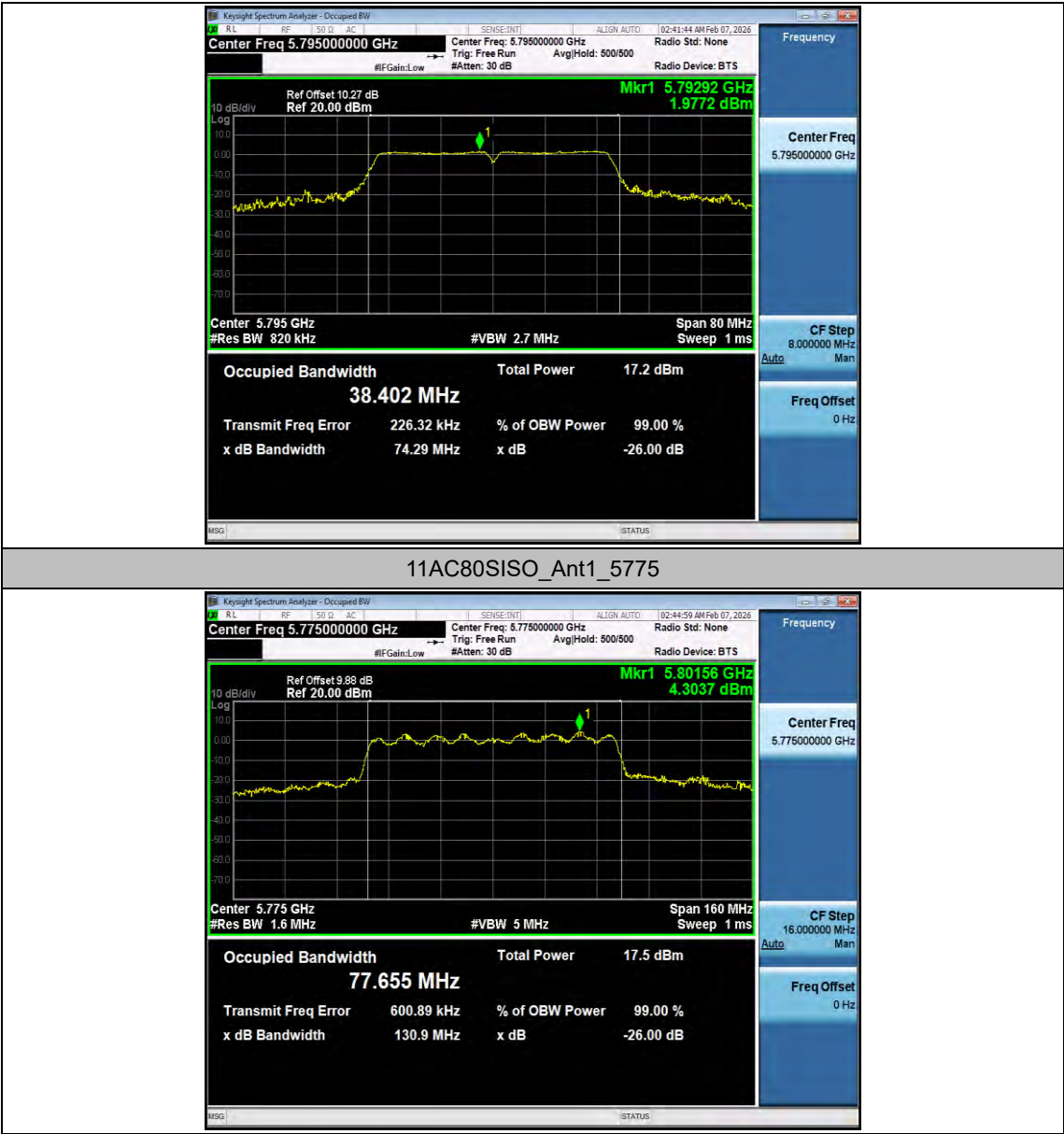
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11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795

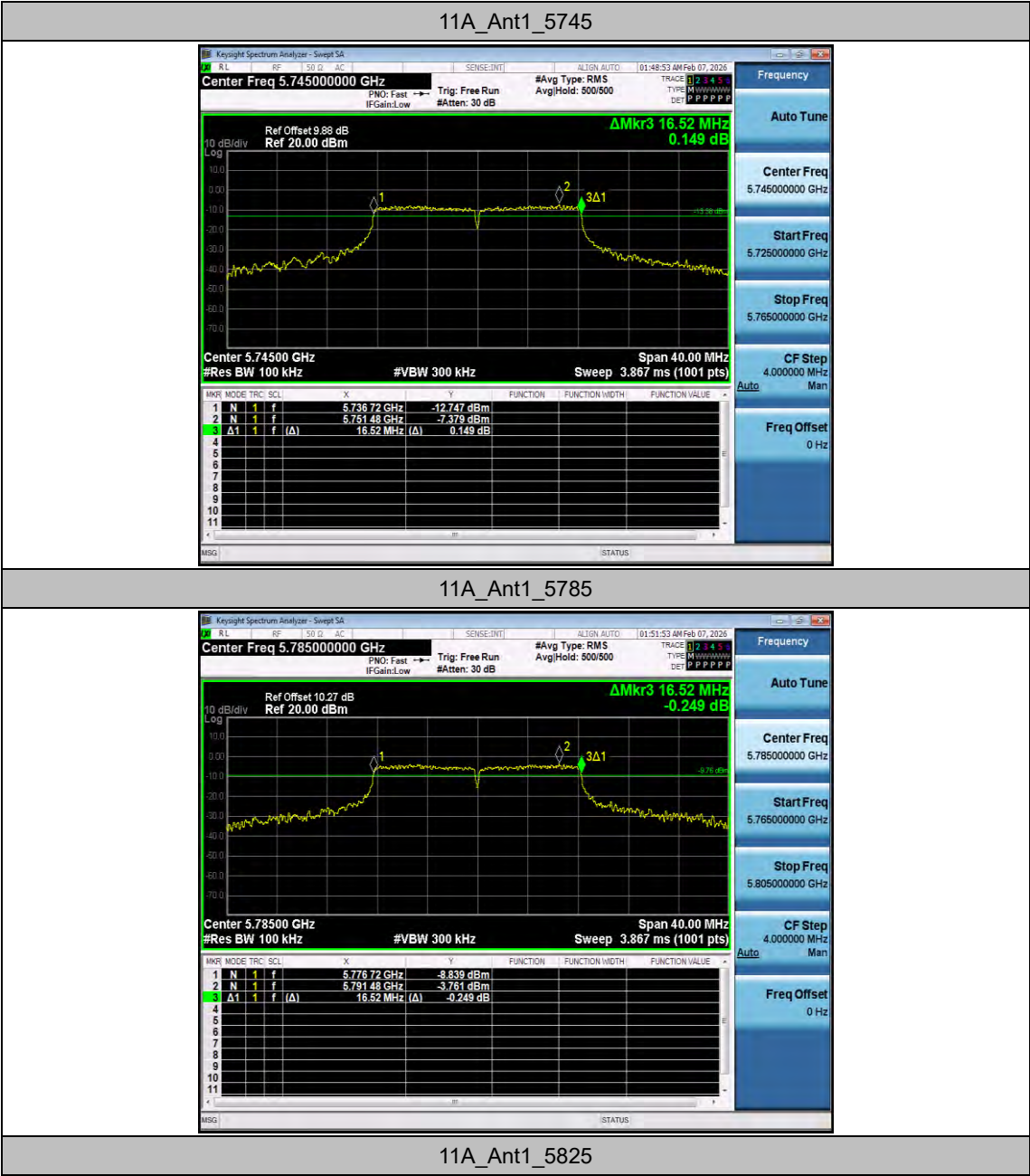


Appendix E.2: Min emission bandwidth

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	16.520	5776.720	5793.240	0.5	PASS
		5825	16.560	5816.680	5833.240	0.5	PASS
11N20SISO	Ant1	5745	17.800	5736.080	5753.880	0.5	PASS
		5785	17.800	5776.080	5793.880	0.5	PASS
		5825	17.800	5816.080	5833.880	0.5	PASS
11N40SISO	Ant1	5755	36.480	5736.760	5773.240	0.5	PASS
		5795	36.480	5776.760	5813.240	0.5	PASS
11AC20SISO	Ant1	5745	17.760	5736.120	5753.880	0.5	PASS
		5785	17.800	5776.080	5793.880	0.5	PASS
		5825	17.800	5816.080	5833.880	0.5	PASS
11AC40SISO	Ant1	5755	36.480	5736.760	5773.240	0.5	PASS
		5795	36.480	5776.760	5813.240	0.5	PASS
11AC80SISO	Ant1	5775	76.480	5736.760	5813.240	0.5	PASS

Test Graphs B4





11N20SISO_Ant1_5745



11N20SISO_Ant1_5785





11AC20SISO_Ant1_5745



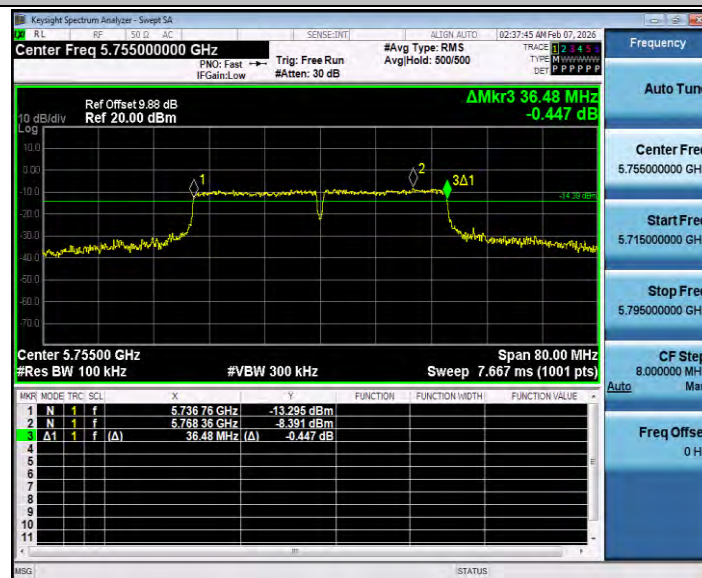
11AC20SISO_Ant1_5785



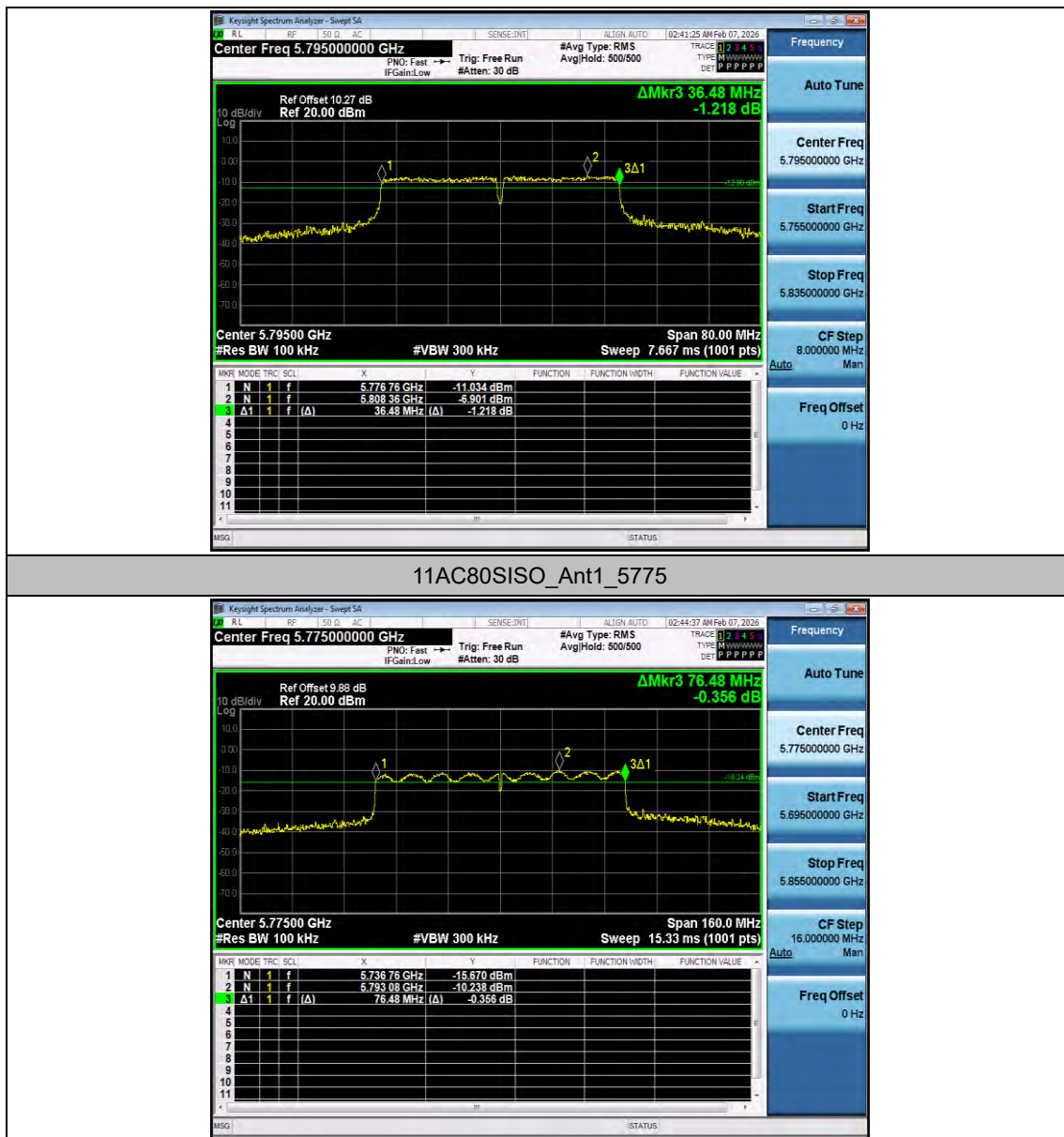
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



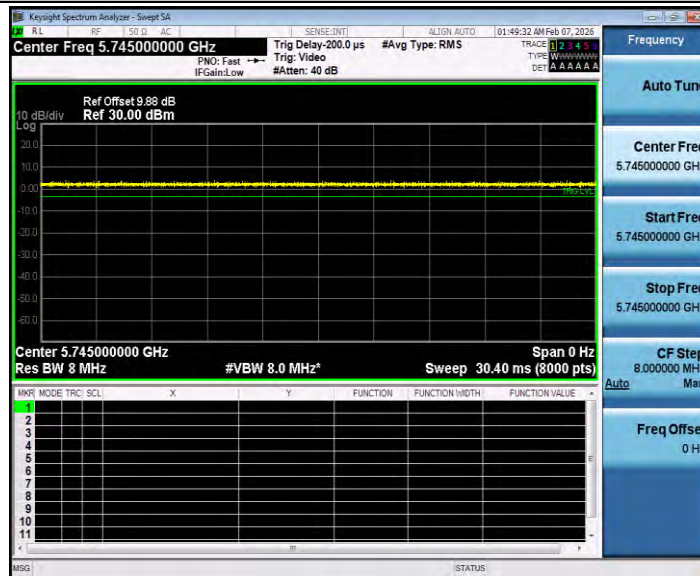
Appendix E.3: Duty Cycle

Test Result

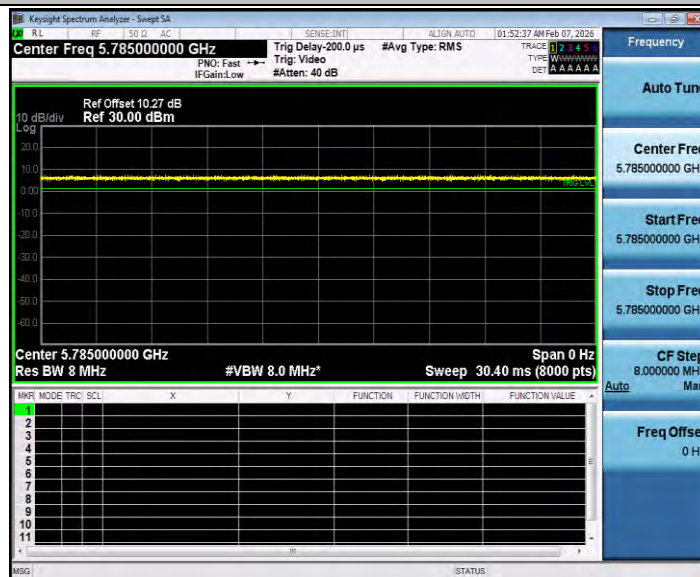
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	30.00	30.00	100.00	0.00	0.03
		5785	30.00	30.00	100.00	0.00	0.03
		5825	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant1	5745	30.00	30.00	100.00	0.00	0.03
		5785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

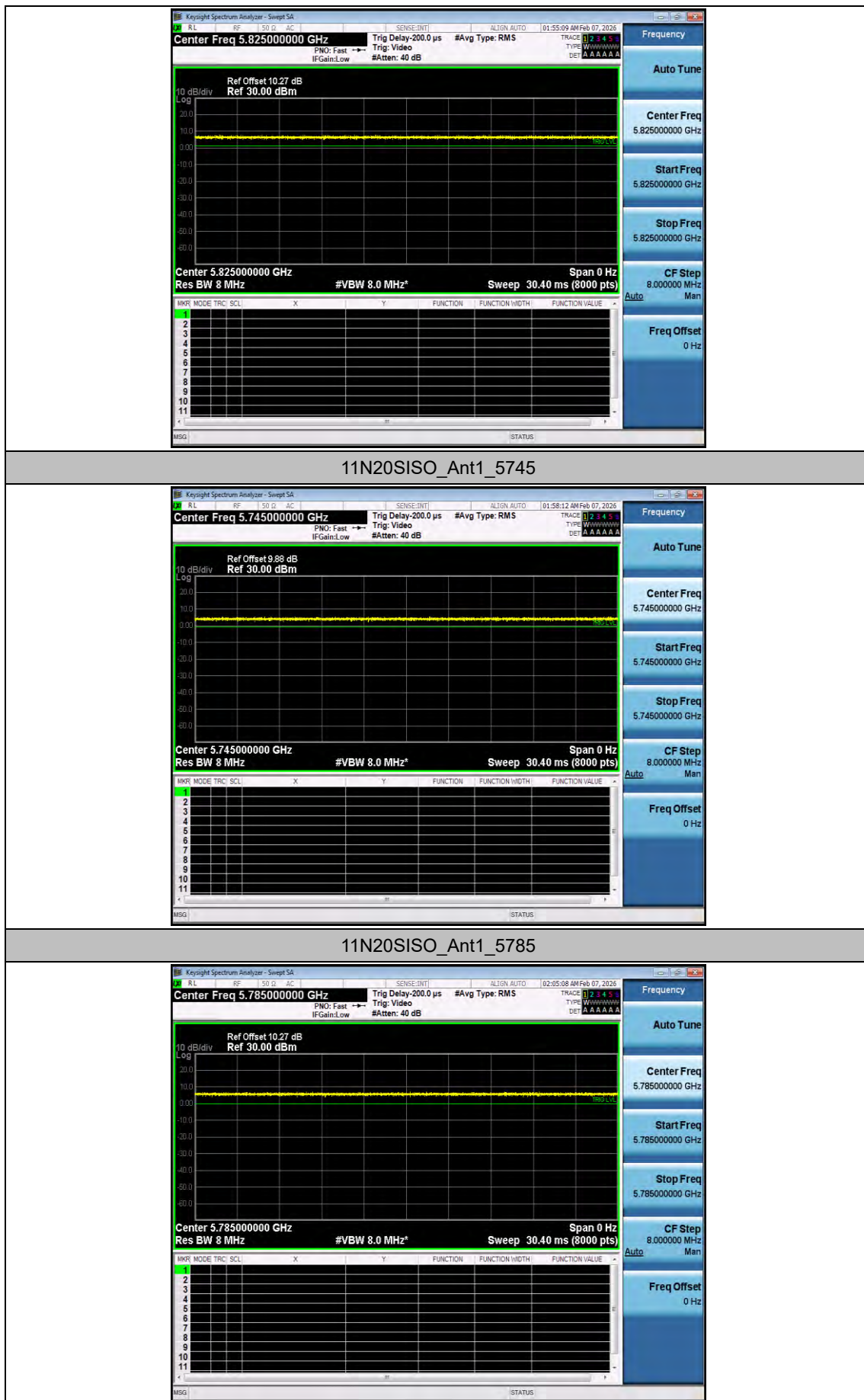
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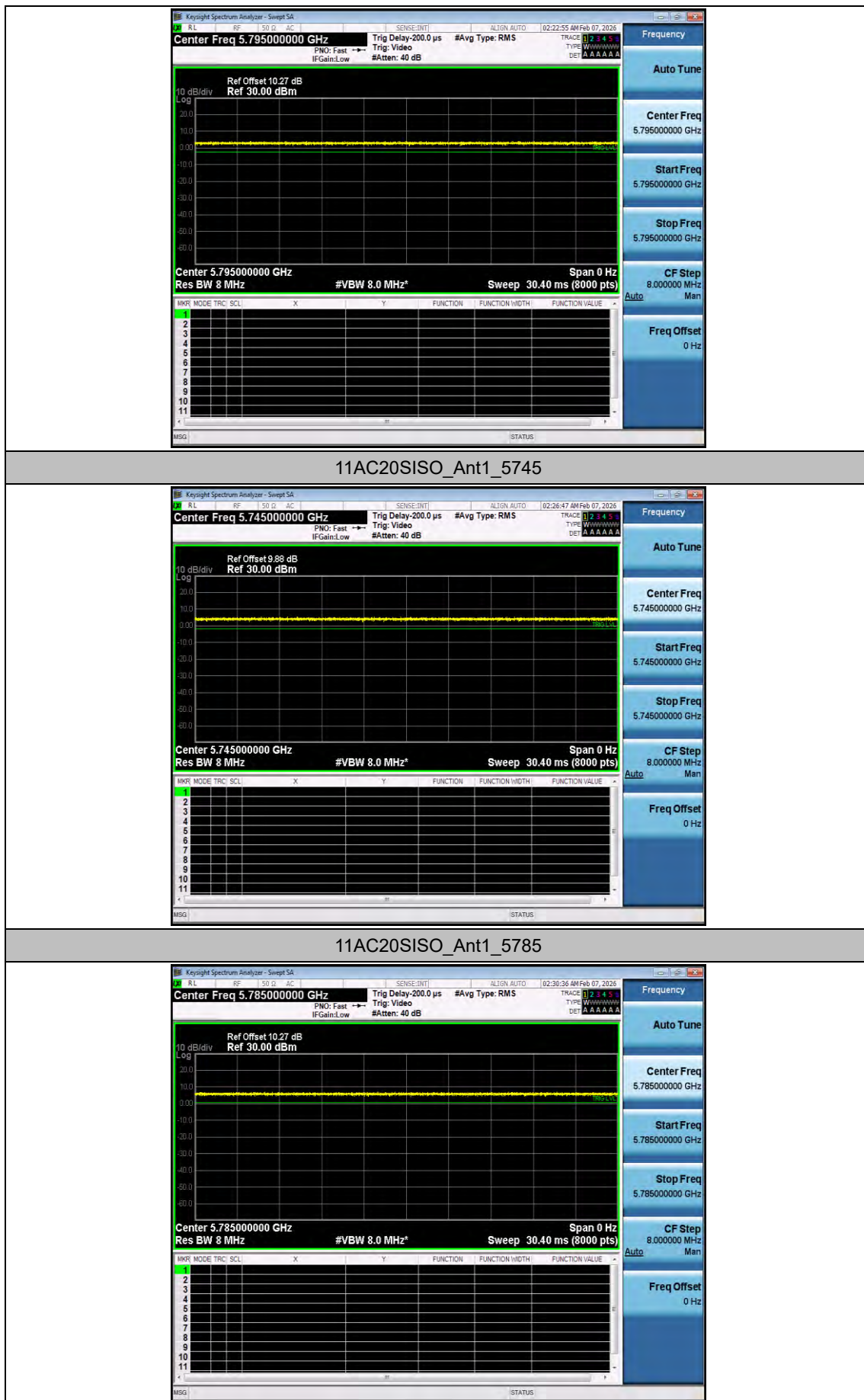


11A_Ant1_5785

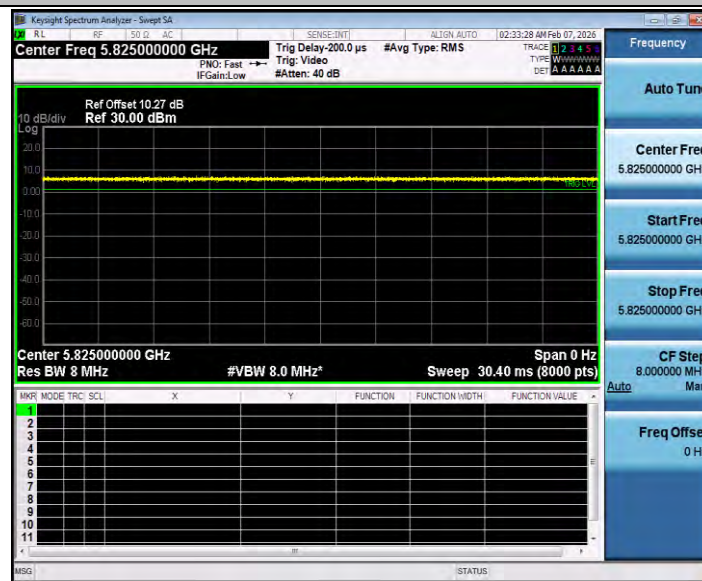


11A_Ant1_5825

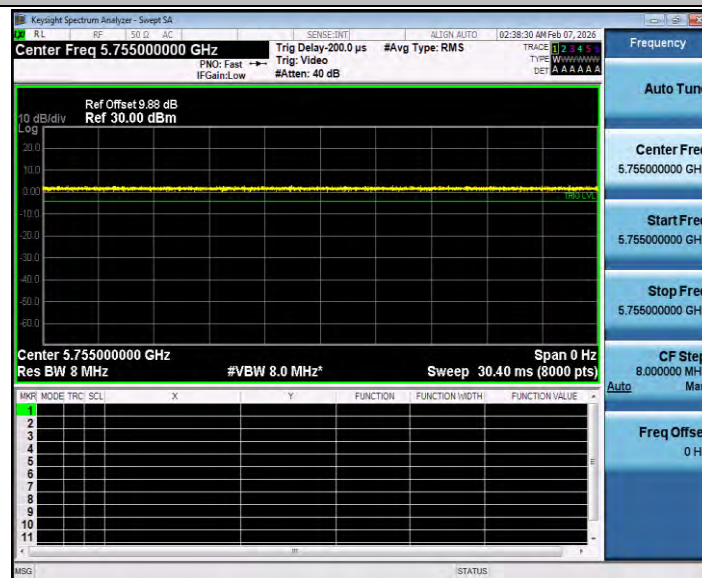




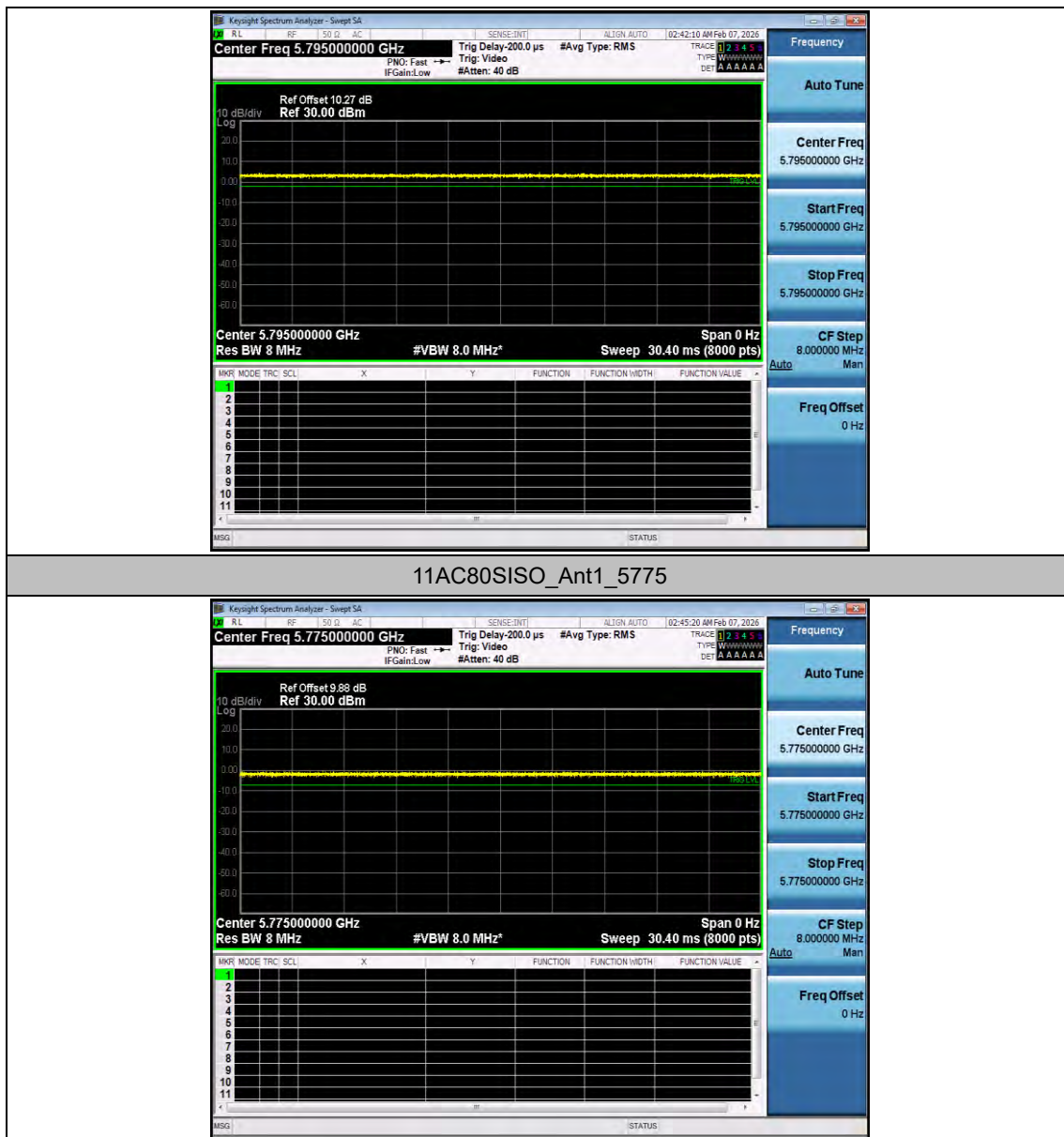
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



Appendix E.4: Maximum conducted output power

Test Result Channel Power

TestMode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	5.98	100.00	0.00	5.98	≤30.00	PASS
		5785	9.92	100.00	0.00	9.92	≤30.00	PASS
		5825	10.10	100.00	0.00	10.10	≤30.00	PASS
11N20SISO	Ant1	5745	8.18	100.00	0.00	8.18	≤30.00	PASS
		5785	9.62	100.00	0.00	9.62	≤30.00	PASS
		5825	10.16	100.00	0.00	10.16	≤30.00	PASS
11N40SISO	Ant1	5755	8.56	100.00	0.00	8.56	≤30.00	PASS
		5795	9.61	100.00	0.00	9.61	≤30.00	PASS
11AC20SISO	Ant1	5745	8.06	100.00	0.00	8.06	≤30.00	PASS
		5785	9.71	100.00	0.00	9.71	≤30.00	PASS
		5825	10.04	100.00	0.00	10.04	≤30.00	PASS
11AC40SISO	Ant1	5755	8.40	100.00	0.00	8.40	≤30.00	PASS
		5795	10.01	100.00	0.00	10.01	≤30.00	PASS
11AC80SISO	Ant1	5775	8.67	100.00	0.00	8.67	≤30.00	PASS

Appendix E.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-8.28	≤30.00	PASS
		5785	-4.58	≤30.00	PASS
		5825	-4.45	≤30.00	PASS
11N20SISO	Ant1	5745	-6.39	≤30.00	PASS
		5785	-4.85	≤30.00	PASS
		5825	-4.52	≤30.00	PASS
11N40SISO	Ant1	5755	-8.77	≤30.00	PASS
		5795	-7.84	≤30.00	PASS
11AC20SISO	Ant1	5745	-6.45	≤30.00	PASS
		5785	-4.73	≤30.00	PASS
		5825	-4.66	≤30.00	PASS
11AC40SISO	Ant1	5755	-8.79	≤30.00	PASS
		5795	-7.50	≤30.00	PASS
11AC80SISO	Ant1	5775	-10.63	≤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



Appendix E.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	-40.91	≤-26.96	PASS
				5700~5720	-32.83	≤15.59	PASS
				5720~5725	-33.21	≤15.82	PASS
				5760~5650	-39.76	≤-27	PASS
		High	5825	5850~5855	-35.09	≤16.03	PASS
				5855~5875	-38.94	≤10.66	PASS
				5875~5925	-38.33	≤-26.41	PASS
				5925~5935	-37.76	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-39.2	≤-26.36	PASS
				5700~5720	-26.92	≤14.40	PASS
				5720~5725	-20.35	≤21.85	PASS
				5760~5650	-38.91	≤-27	PASS
		High	5825	5850~5855	-34	≤16.03	PASS
				5855~5875	-38.61	≤10.10	PASS
				5875~5925	-38.42	≤-26.21	PASS
				5925~5935	-38.8	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-39.55	≤-26.80	PASS
				5700~5720	-21.84	≤15.28	PASS
				5720~5725	-24.69	≤16.04	PASS
				5780~5650	-39.22	≤-27	PASS
		High	5795	5850~5855	-36.46	≤16.41	PASS
				5855~5875	-37.34	≤10.02	PASS
				5875~5925	-39.98	≤-26.71	PASS
				5925~5935	-38.4	≤-27	PASS
11AC20SISO	Ant1	Low	5745	5650~5700	-41.05	≤-26.96	PASS
				5700~5720	-27.91	≤14.40	PASS
				5720~5725	-19.15	≤23.16	PASS
				5760~5650	-39.92	≤-27	PASS
		High	5825	5850~5855	-35.31	≤16.34	PASS
				5855~5875	-38.62	≤10.25	PASS
				5875~5925	-40	≤-26.81	PASS
				5925~5935	-38.09	≤-27	PASS
11AC40SISO	Ant1	Low	5755	5650~5700	-40.38	≤-26.50	PASS
				5700~5720	-24.08	≤13.39	PASS
				5720~5725	-24.49	≤16.04	PASS
				5780~5650	-40.05	≤-27	PASS

		High	5795	5850~5855	-34.85	≤ 16.79	PASS
				5855~5875	-37.88	≤ 10.29	PASS
				5875~5925	-39.53	≤ -26.95	PASS
				5925~5935	-38.88	≤ -27	PASS
11AC80SISO	Ant1	Low	5775	5650~5700	-36.9	≤ -26.57	PASS
				5700~5720	-27.19	≤ 10.05	PASS
				5720~5725	-26.9	≤ 15.65	PASS
				5800~5650	-36.47	≤ -27	PASS
		High	5775	5850~5855	-26.77	≤ 15.84	PASS
				5855~5875	-28.39	≤ 11.23	PASS
				5875~5925	-39.22	≤ -26.46	PASS
				5925~5935	-37.98	≤ -27	PASS

Test GraphsB4





11N20SISO_Ant1_High_5825



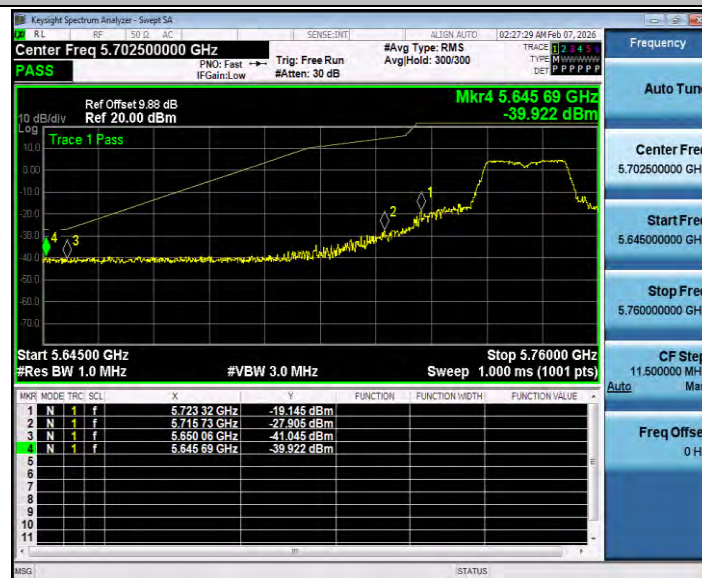
11N40SISO_Ant1_Low_5755



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



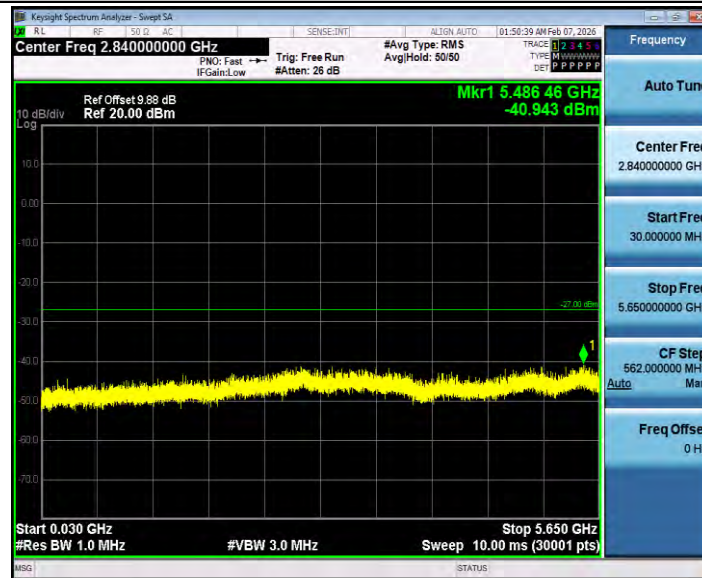
Appendix E.7:Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	5486.46	-40.94	≤-27	PASS
			5925~27000	26667.72	-31.79	≤-27	PASS
		5785	30~5650	3301.21	-40.15	≤-27	PASS
			5925~27000	25247.97	-30.76	≤-27	PASS
		5825	30~5650	5421.45	-40.68	≤-27	PASS
			5925~27000	25016.14	-31.73	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5444.5	-41.02	≤-27	PASS
			5925~27000	23587.96	-31.71	≤-27	PASS
		5785	30~5650	2671.96	-40.6	≤-27	PASS
			5925~27000	25164.37	-31.32	≤-27	PASS
		5825	30~5650	5447.87	-40.17	≤-27	PASS
			5925~27000	24231.45	-31.21	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	3174.39	-40	≤-27	PASS
			5925~27000	24171.03	-31.89	≤-27	PASS
		5795	30~5650	5433.07	-39.7	≤-27	PASS
			5925~27000	26636.11	-31.17	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	3035.76	-41.09	≤-27	PASS
			5925~27000	25122.92	-31.44	≤-27	PASS
		5785	30~5650	3148.91	-40.08	≤-27	PASS
			5925~27000	23557.05	-31.31	≤-27	PASS
		5825	30~5650	2690.51	-39.93	≤-27	PASS
			5925~27000	23639.94	-31.75	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5455.17	-40.51	≤-27	PASS
			5925~27000	25596.41	-32.32	≤-27	PASS
		5795	30~5650	5444.12	-40.01	≤-27	PASS
			5925~27000	26547.59	-31.65	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5641.2	-39.03	≤-27	PASS
			5925~27000	24205.46	-31.7	≤-27	PASS

Test Graphs

11A_Ant1_5745_30~5650



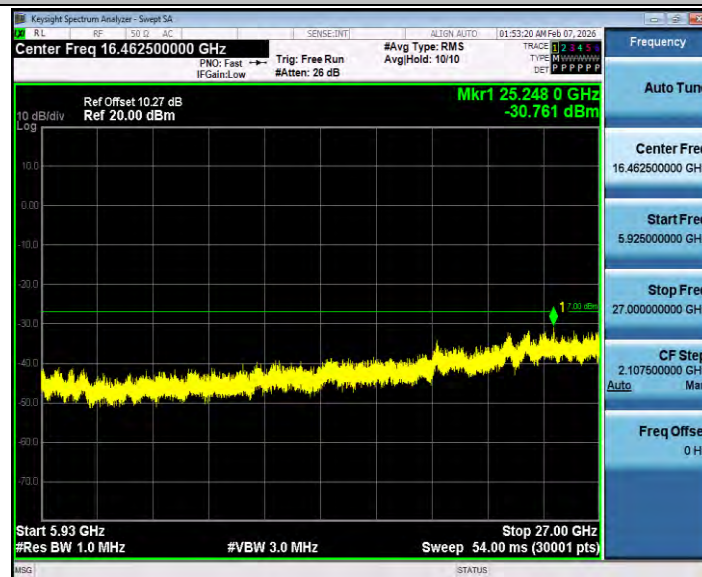
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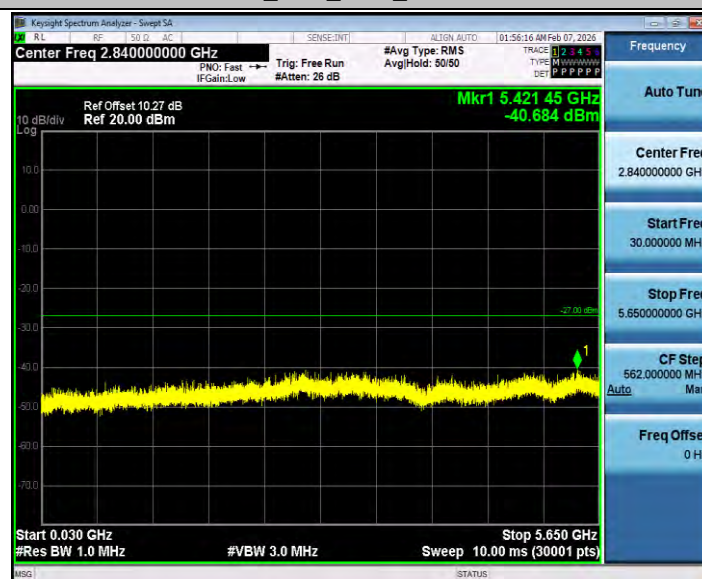
11A_Ant1_5785_30~5650



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



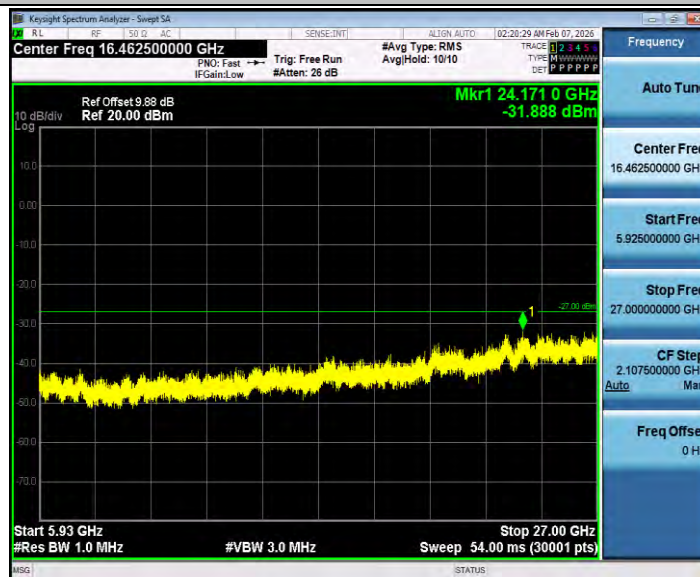
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11N40SISO_Ant1_5755_30~5650



11N40SISO_Ant1_5755_5925~27000



11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~27000



11AC20SISO_Ant1_5745_30~5650



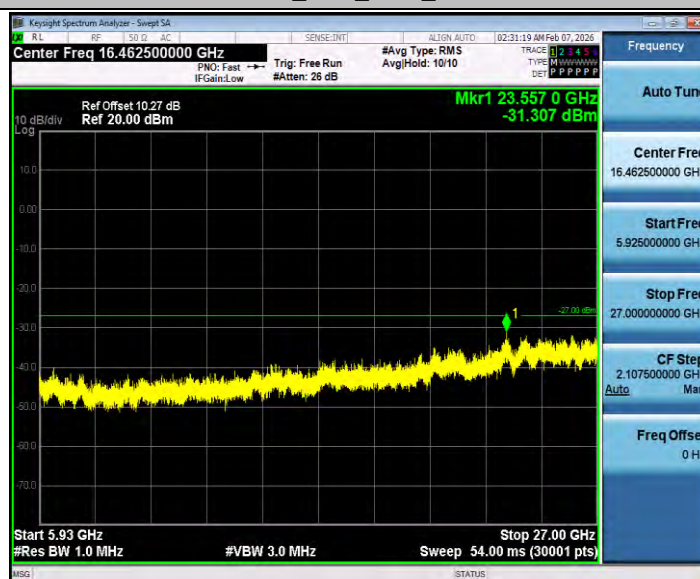
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11AC20SISO_Ant1_5785_30~5650



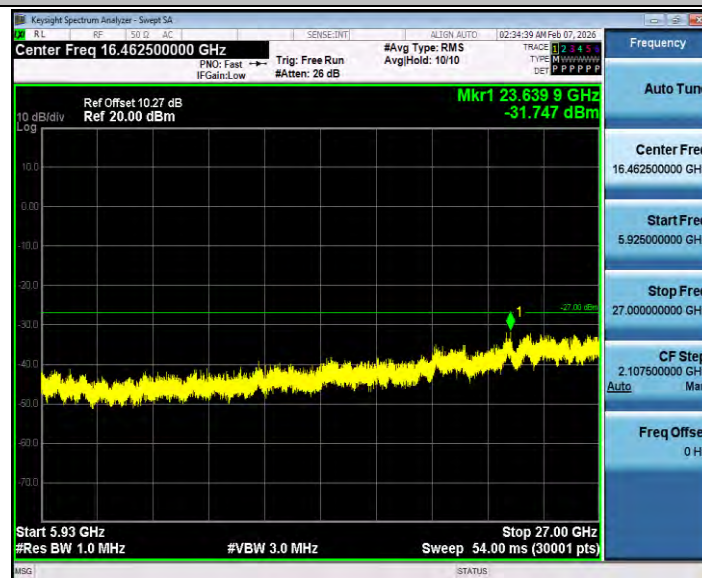
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11AC20SISO_Ant1_5825_30~5650



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

