

Case No. : <u>GTS20260616001-2-02</u>
Ambient Condition: <u>25</u> °C, <u>45</u> %RH
According Standard: ■Part15E
Test Date: <u>2026.6.17-2026.6.30</u> Test Engineer: <u>Evan ouyang</u>

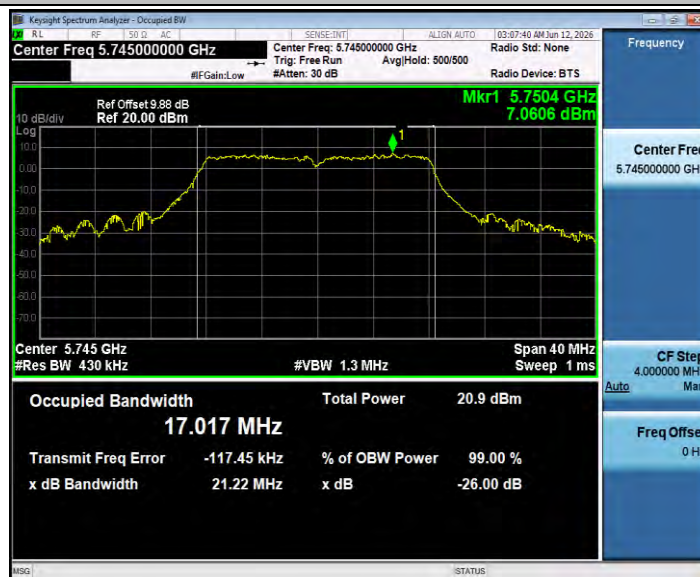
Appendix C.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant3	5745	17.017	5736.3741	5753.3911	---	---
		5785	17.131	5776.3396	5793.4706	---	---
		5825	17.196	5816.3726	5833.5686	---	---
11N20SISO	Ant3	5745	17.915	5735.9939	5753.9089	---	---
		5785	18.002	5775.9685	5793.9705	---	---
		5825	18.022	5815.9226	5833.9446	---	---
11N40SISO	Ant3	5755	37.215	5736.4590	5773.6740	---	---
		5795	37.283	5776.4544	5813.7374	---	---
11AC20SISO	Ant3	5745	17.966	5735.9693	5753.9353	---	---
		5785	18.016	5775.9641	5793.9801	---	---
		5825	18.028	5815.9501	5833.9781	---	---
11AC40SISO	Ant3	5755	37.163	5736.4589	5773.6219	---	---
		5795	37.239	5776.4621	5813.7011	---	---
11AC80SISO	Ant3	5775	75.990	5737.2065	5813.1965	---	---

Test Graphs

11A_Ant3_5745



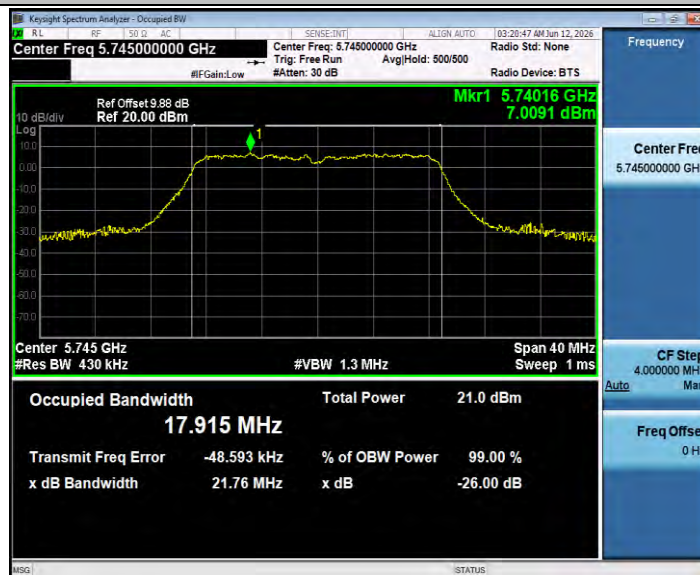
11A_Ant3_5785



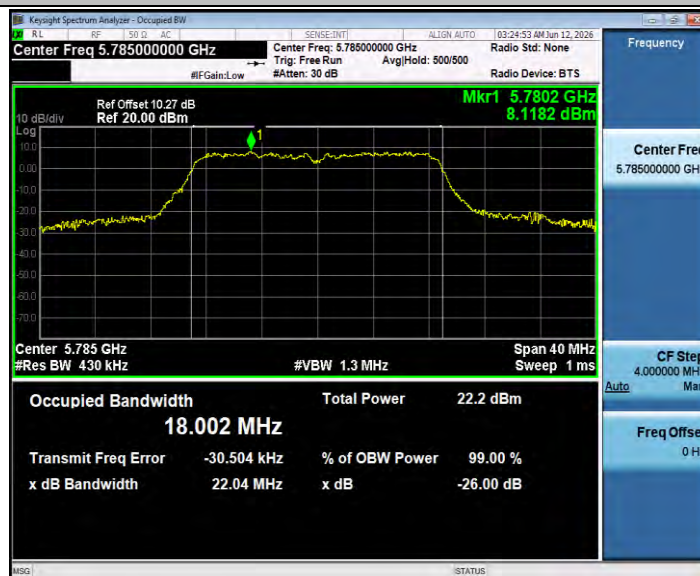
11A_Ant3_5825



11N20SISO_Ant3_5745



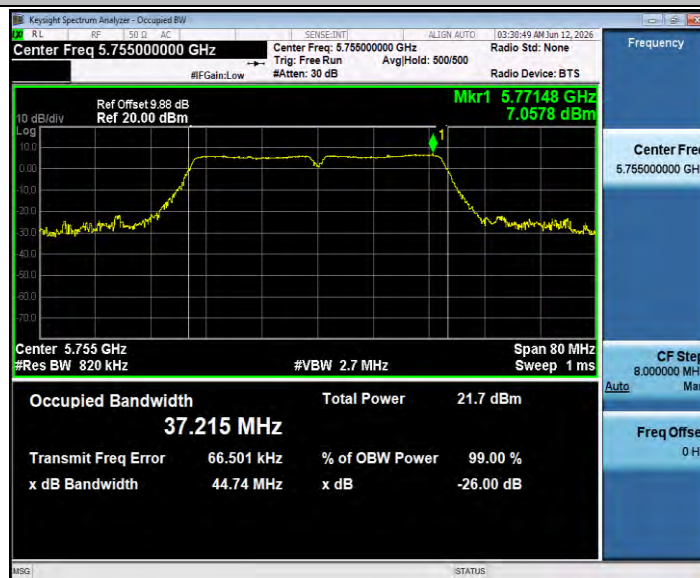
11N20SISO_Ant3_5785



11N20SISO_Ant3_5825



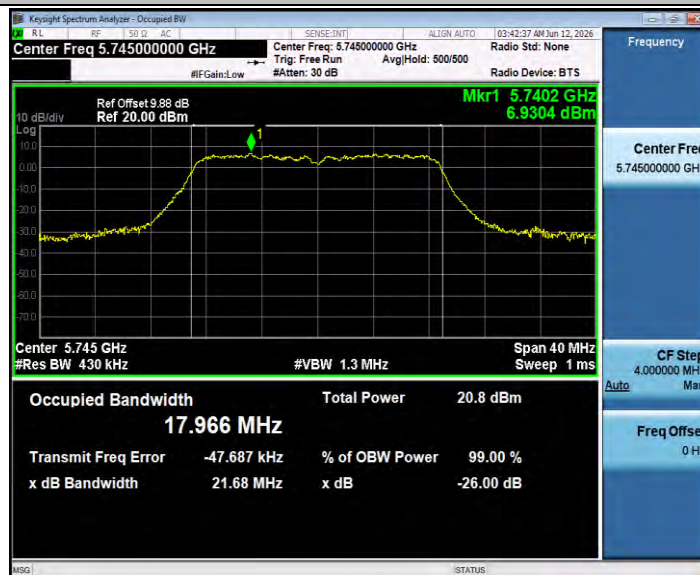
11N40SISO_Ant3_5755



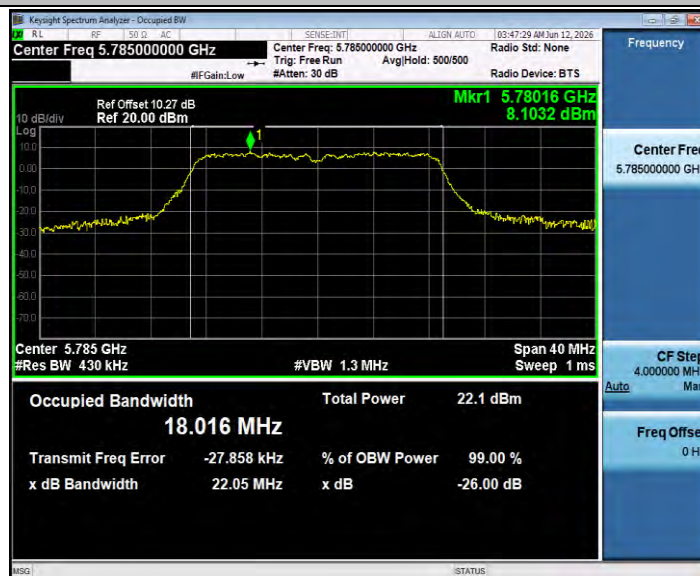
11N40SISO_Ant3_5795



11AC20SISO_Ant3_5745



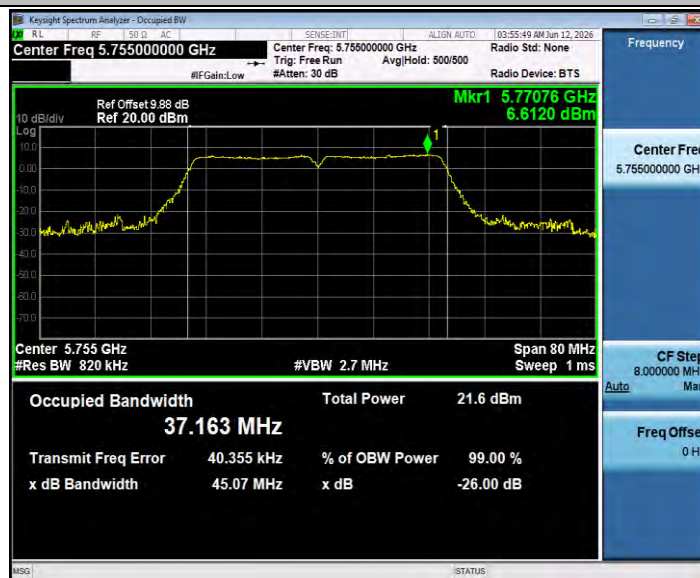
11AC20SISO_Ant3_5785



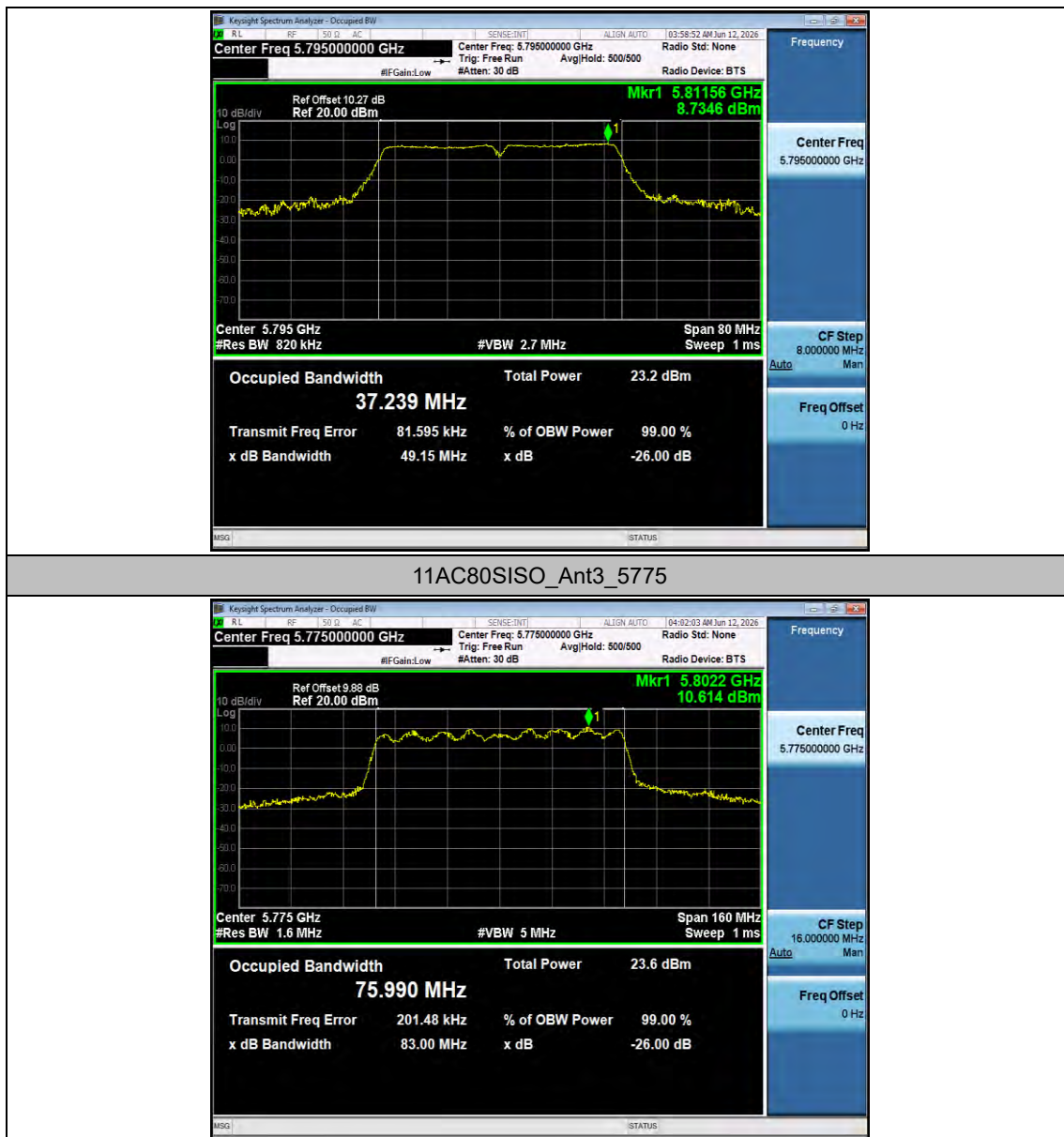
11AC20SISO_Ant3_5825



11AC40SISO_Ant3_5755



11AC40SISO_Ant3_5795

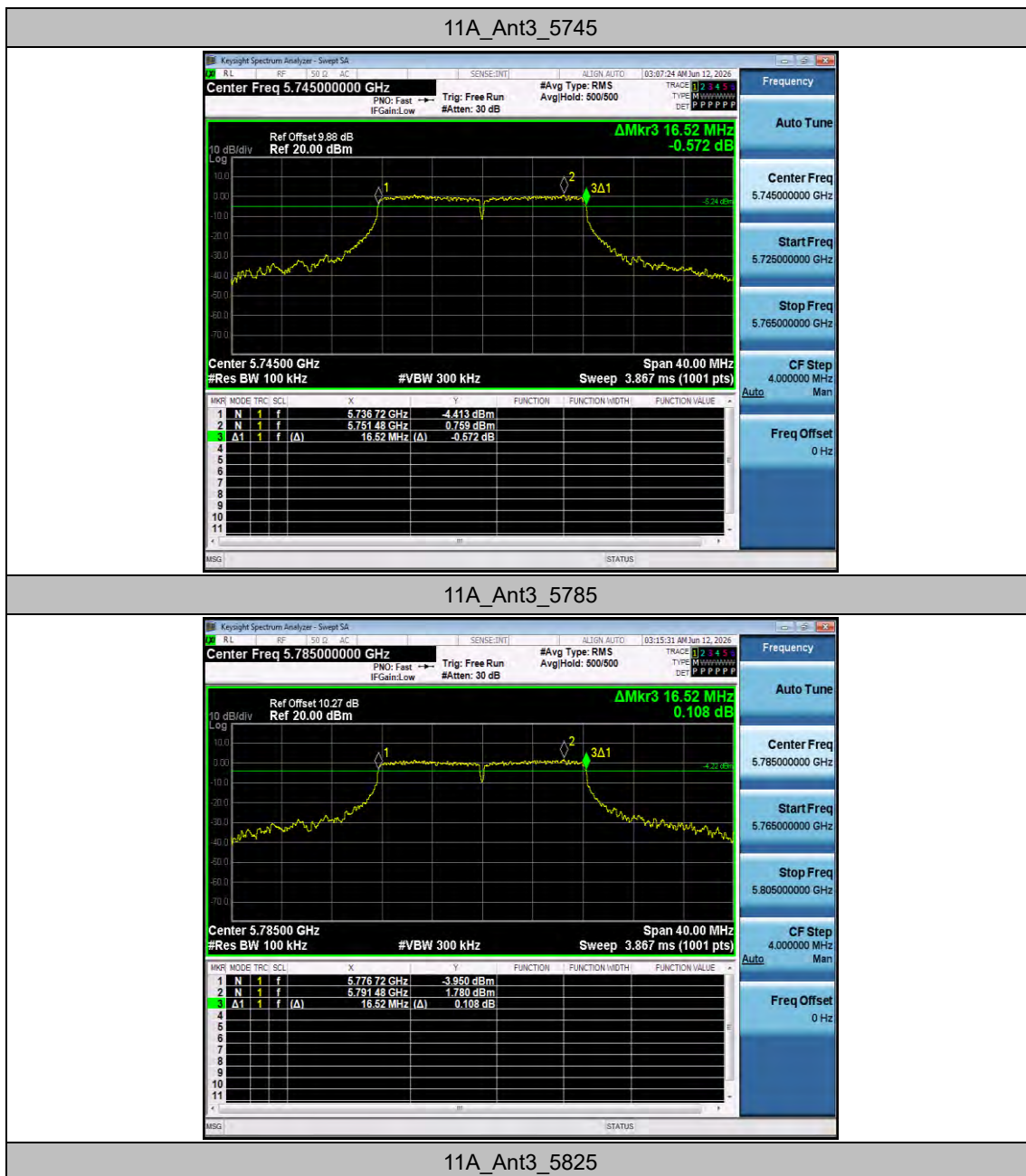


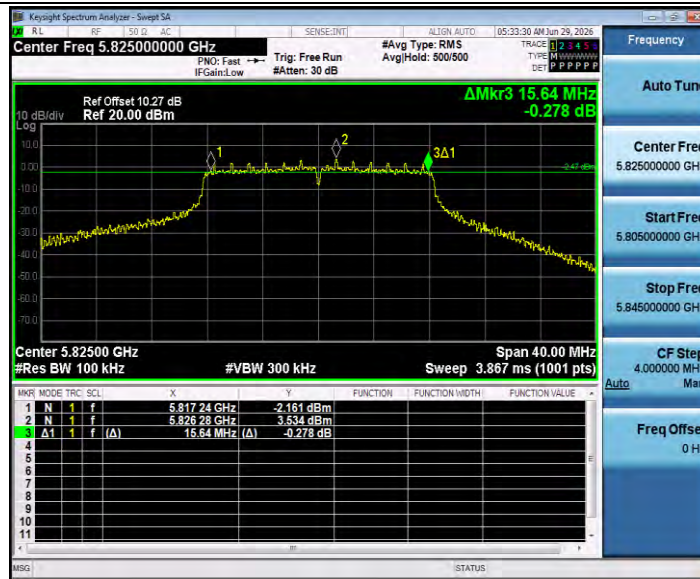
Appendix C.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant3	5745	16.520	5736.720	5753.240	0.5	PASS
		5785	16.520	5776.720	5793.240	0.5	PASS
		5825	15.640	5817.240	5832.880	0.5	PASS
11N20SISO	Ant3	5745	17.640	5736.160	5753.800	0.5	PASS
		5785	17.680	5776.120	5793.800	0.5	PASS
		5825	17.680	5816.120	5833.800	0.5	PASS
11N40SISO	Ant3	5755	36.480	5736.760	5773.240	0.5	PASS
		5795	36.480	5776.760	5813.240	0.5	PASS
11AC20SISO	Ant3	5745	17.640	5736.160	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
11AC40SISO	Ant3	5755	36.480	5736.760	5773.240	0.5	PASS
		5795	36.480	5776.760	5813.240	0.5	PASS
11AC80SISO	Ant3	5775	76.480	5736.760	5813.240	0.5	PASS

Test Graphs B4





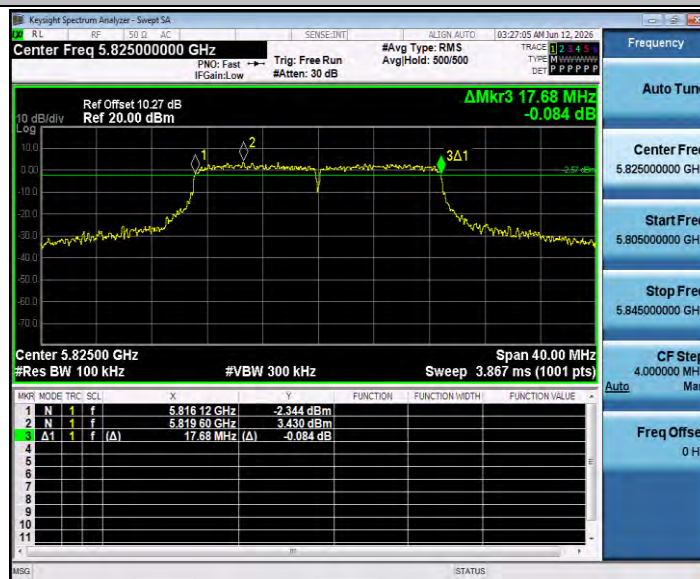
11N20SISO_Ant3_5745



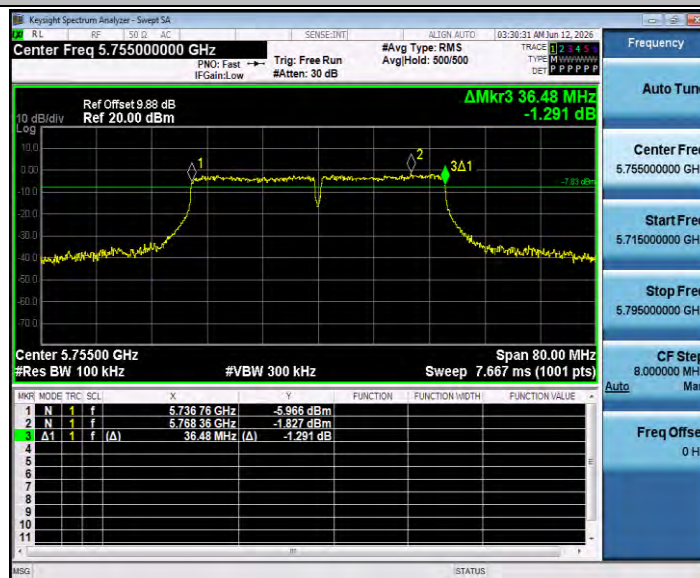
11N20SISO_Ant3_5785



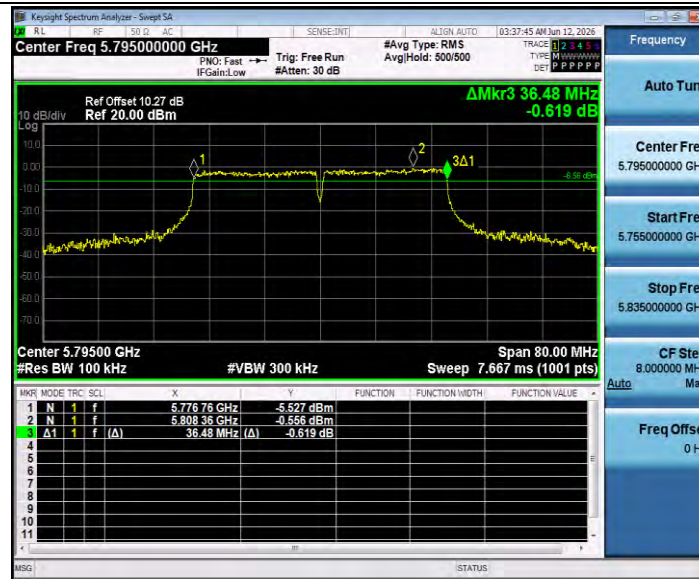
11N20SISO_Ant3_5825



11N40SISO_Ant3_5755



11N40SISO_Ant3_5795



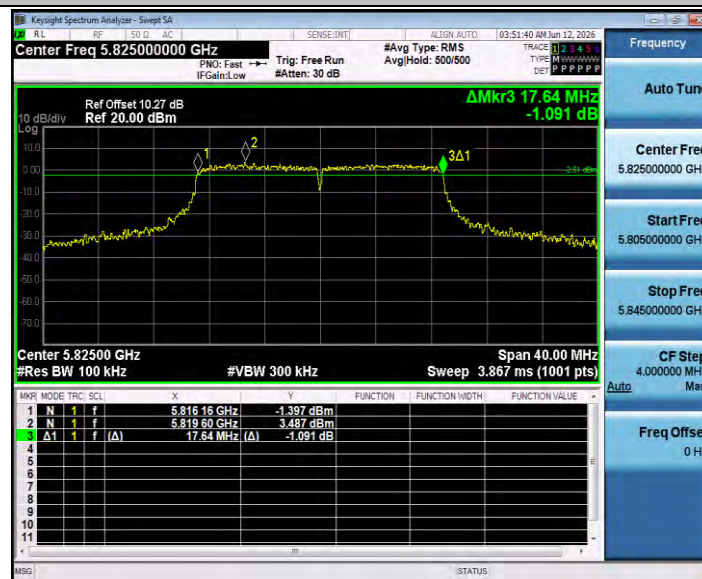
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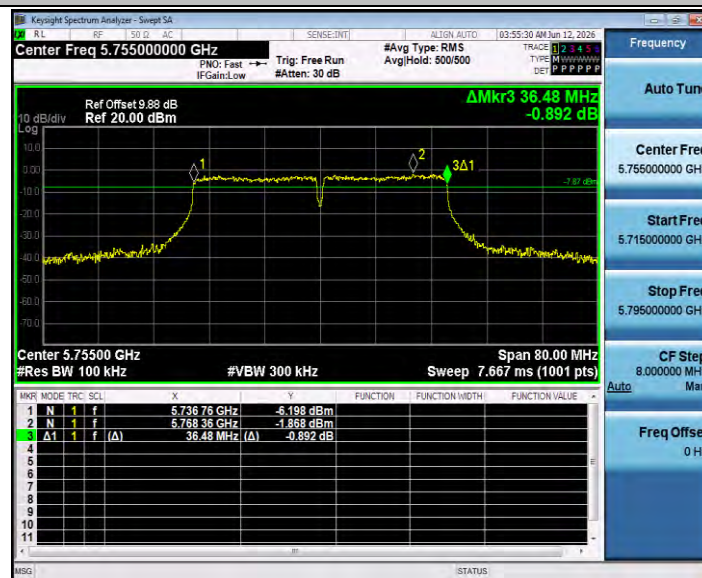
11AC20SISO_Ant3_5785



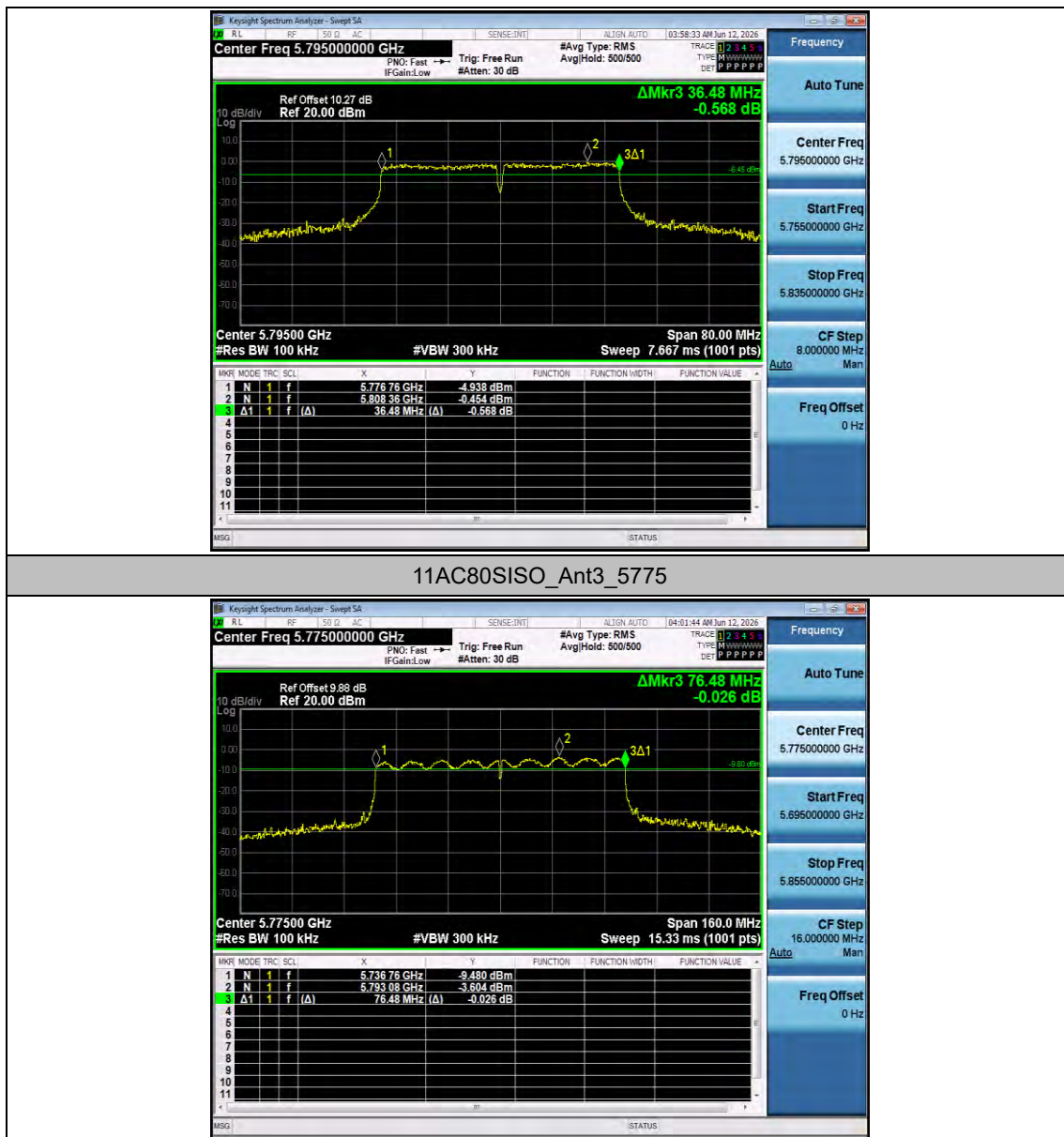
11AC20SISO_Ant3_5825



11AC40SISO_Ant3_5755



11AC40SISO_Ant3_5795

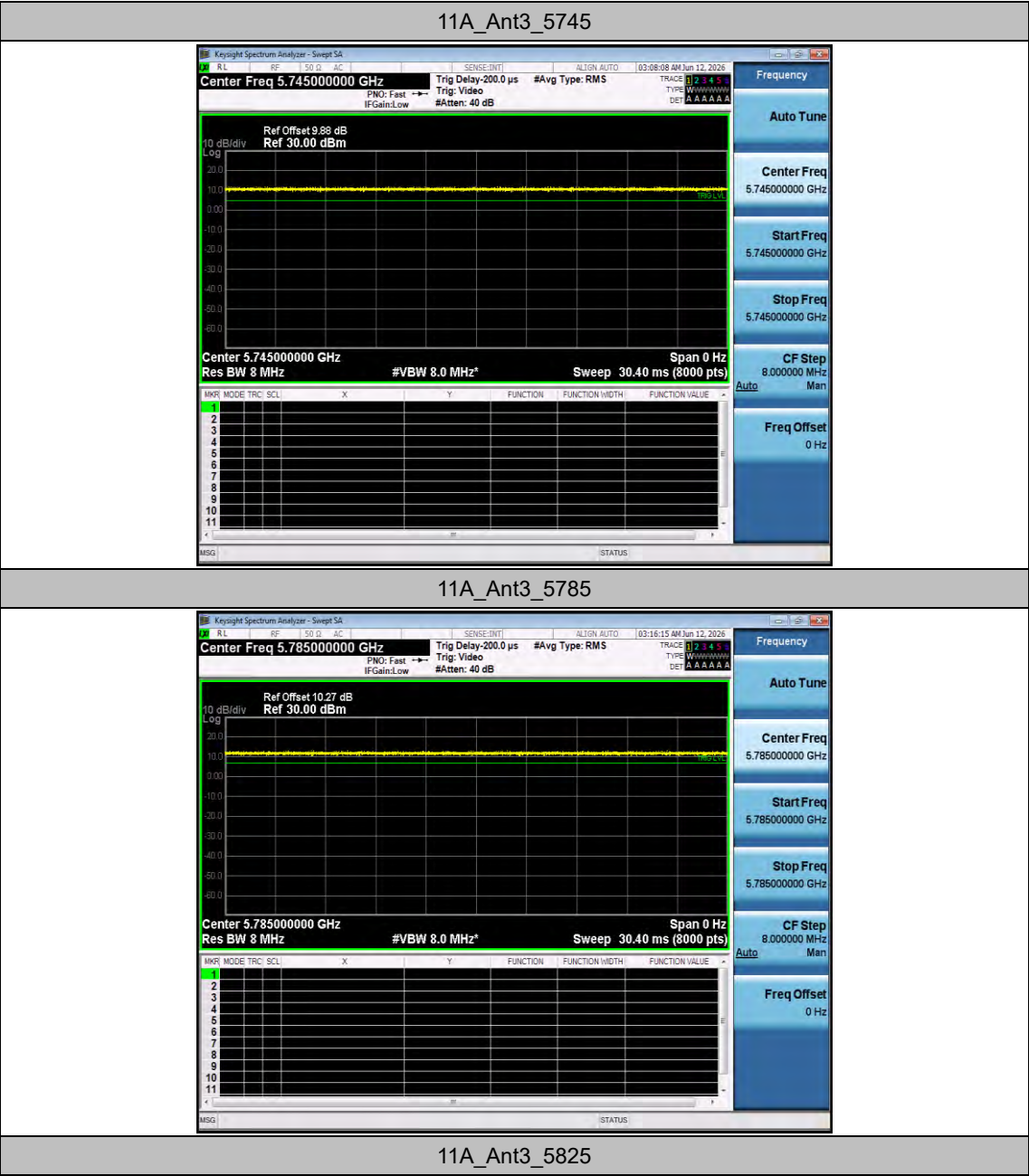


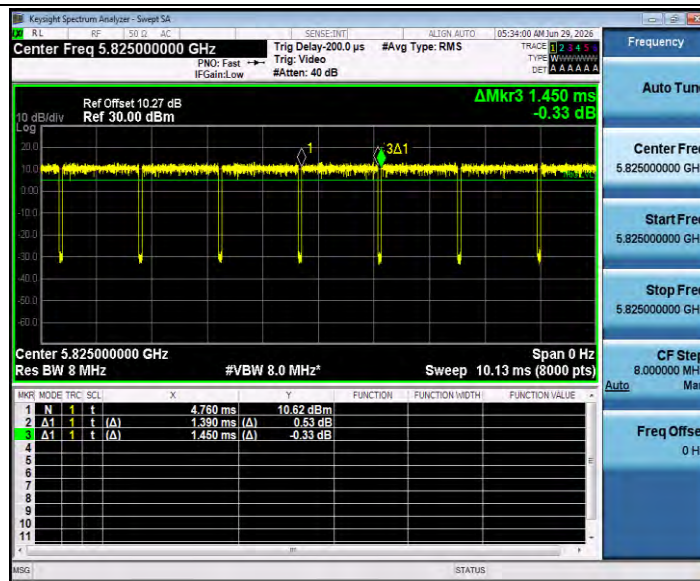
Appendix C.3: Duty Cycle

Test Result

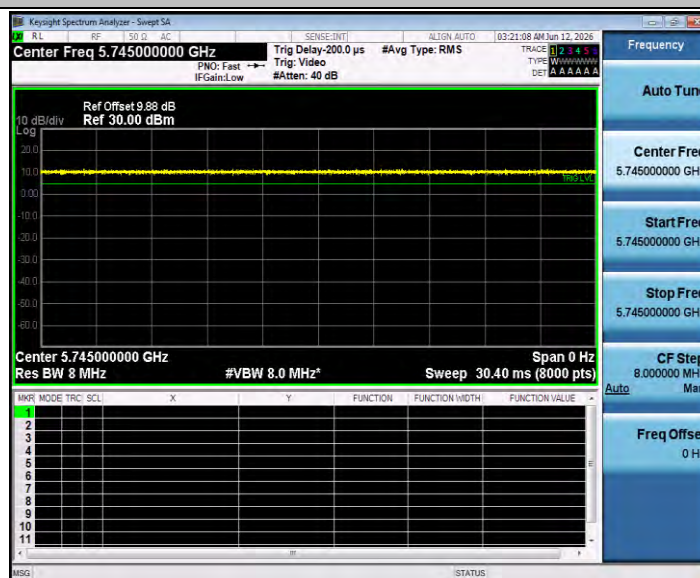
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant3	5745	30.00	30.00	100.00	0.00	0.03
		5785	30.00	30.00	100.00	0.00	0.03
		5825	1.39	1.45	95.86	0.18	0.72
11N20SISO	Ant3	5745	30.00	30.00	100.00	0.00	0.03
		5785	30.00	30.00	100.00	0.00	0.03
		5825	30.00	30.00	100.00	0.00	0.03
11N40SISO	Ant3	5755	30.00	30.00	100.00	0.00	0.03
		5795	30.00	30.00	100.00	0.00	0.03
11AC20SISO	Ant3	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	Ant3	5755	30.00	30.00	100.00	0.00	0.03
		5795	30.00	30.00	100.00	0.00	0.03
11AC80SISO	Ant3	5775	30.00	30.00	100.00	0.00	0.03

Test Graphs

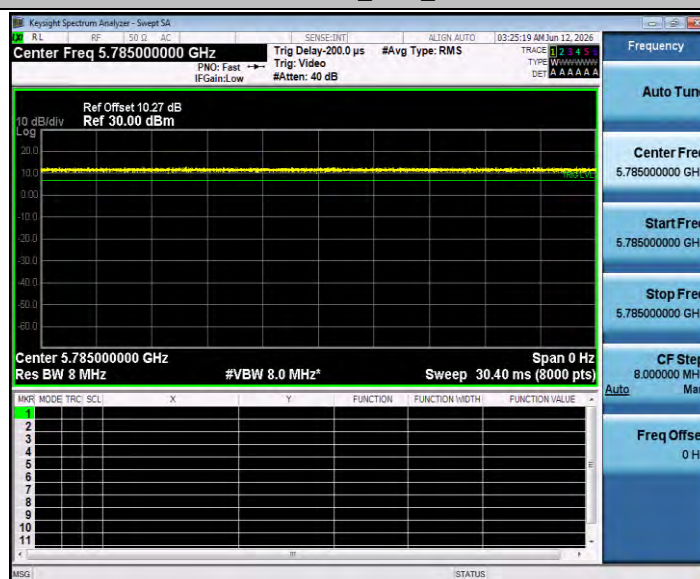




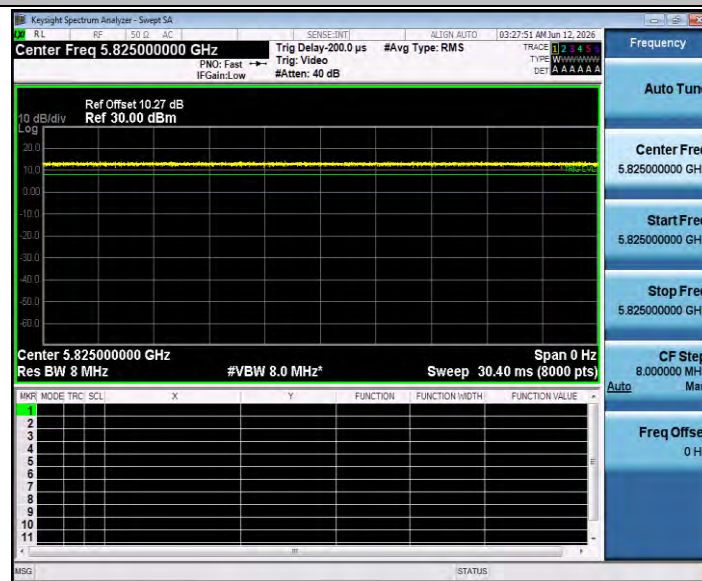
11N20SISO_Ant3_5745



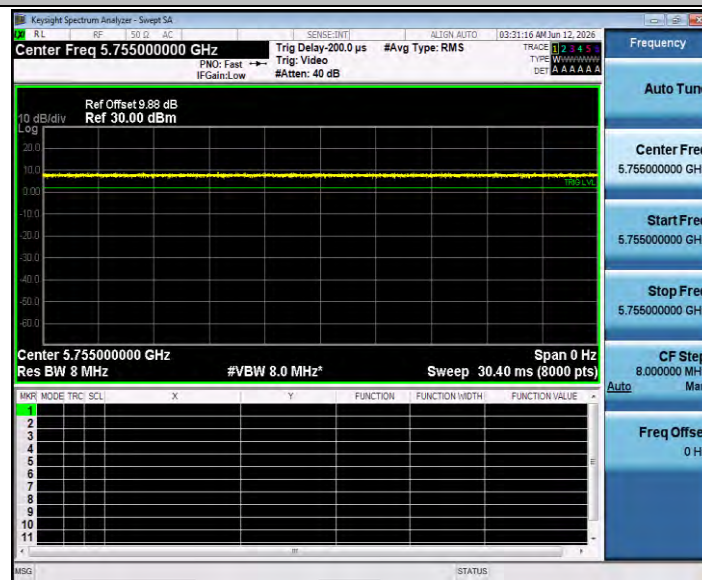
11N20SISO_Ant3_5785



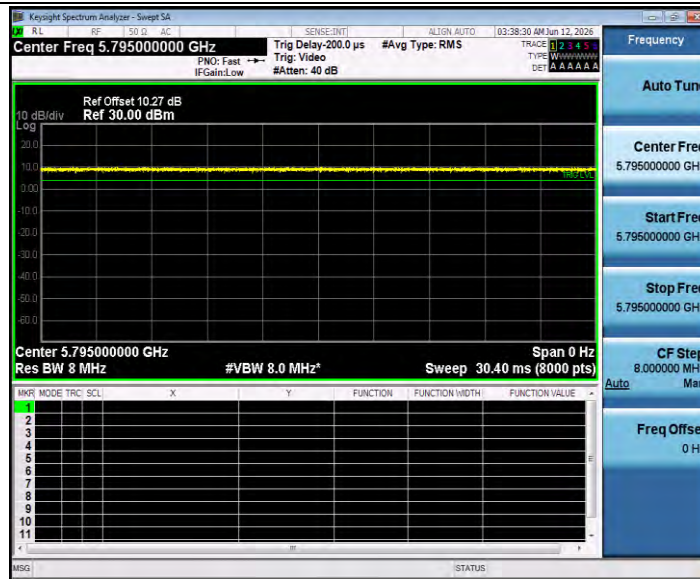
11N20SISO_Ant3_5825



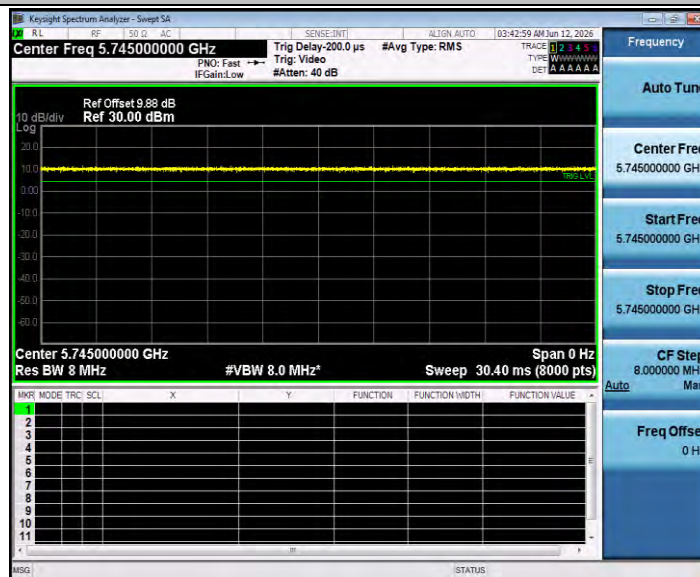
11N40SISO_Ant3_5755



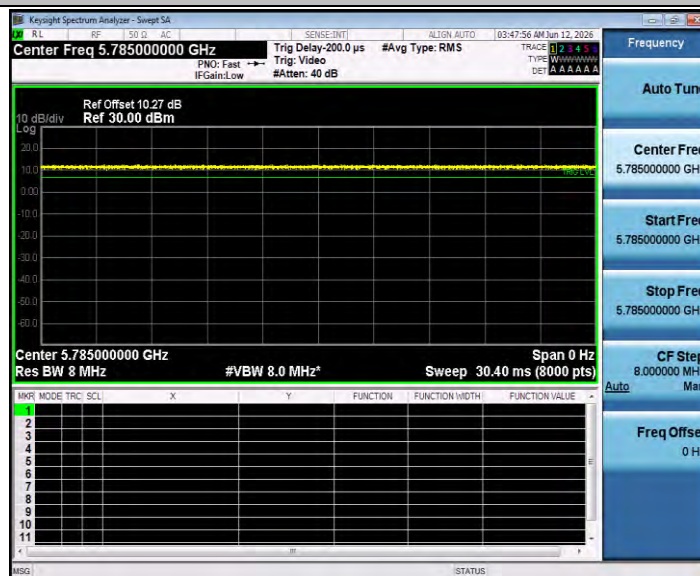
11N40SISO_Ant3_5795

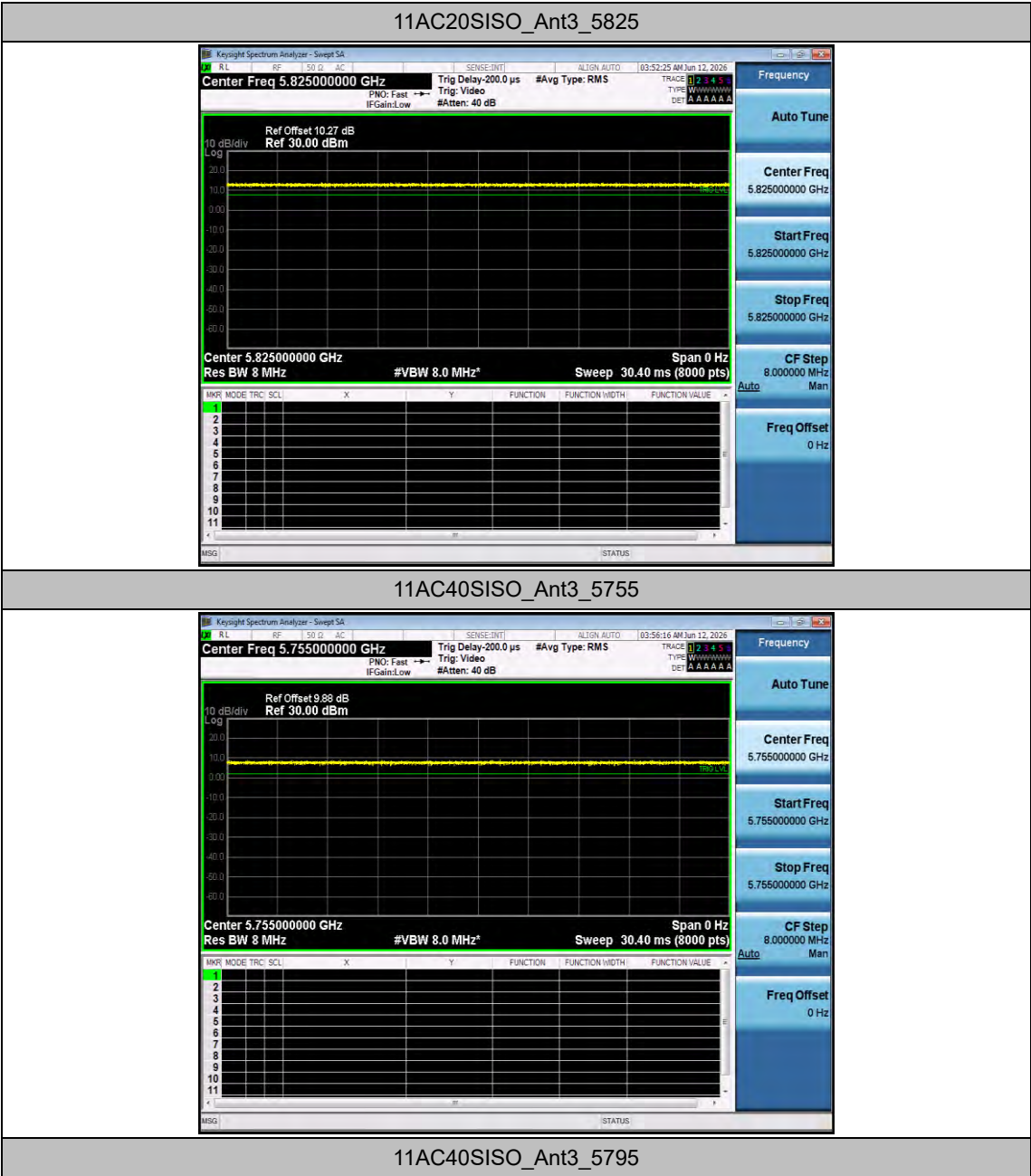


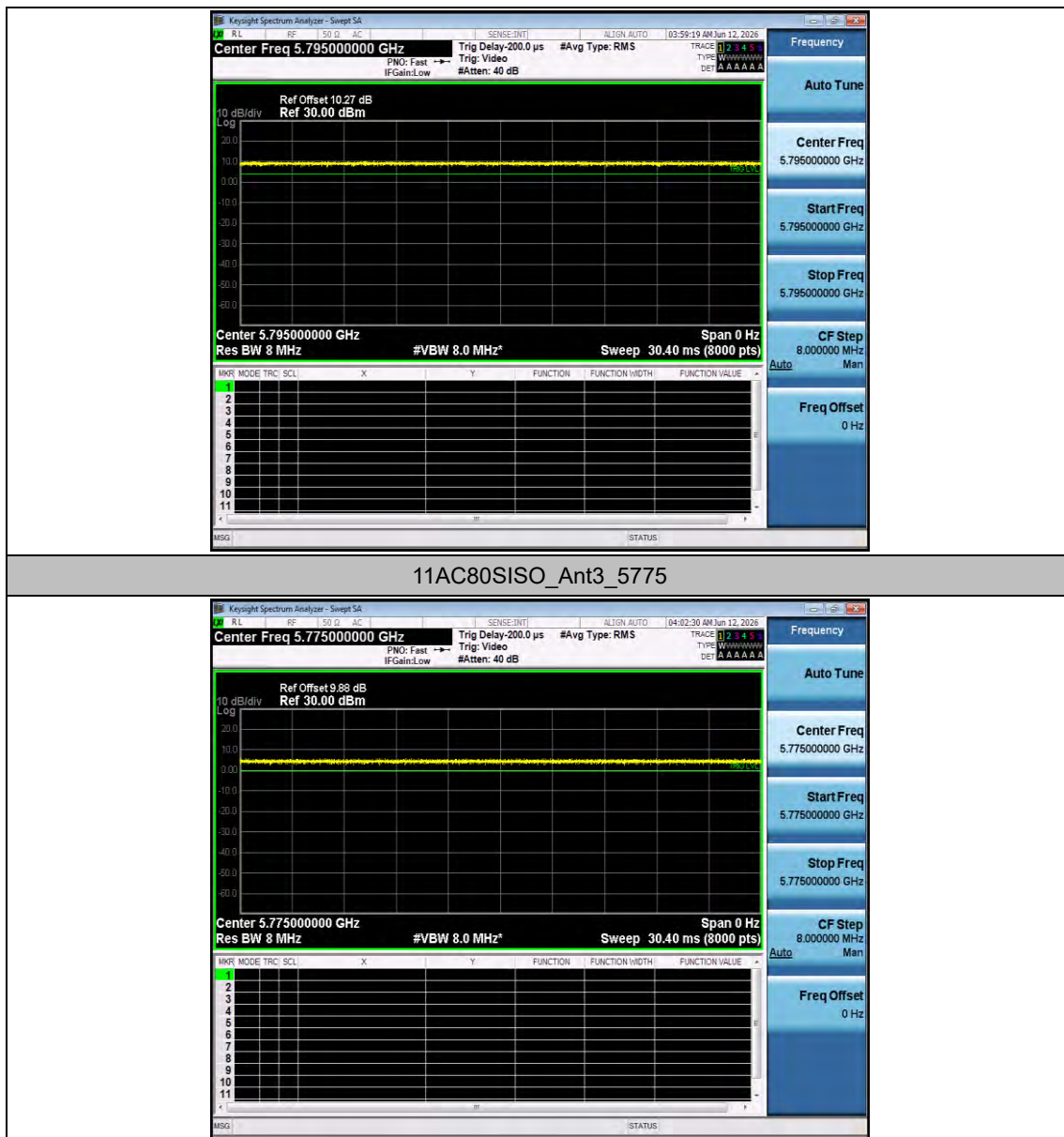
11AC20SISO_Ant3_5745



11AC20SISO_Ant3_5785







Appendix C.4: Maximum conducted output power

Test Result

Test Mode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant3	5745	14.43	100.00	0.00	14.43	≤30.00	PASS
		5785	15.50	100.00	0.00	15.50	≤30.00	PASS
		5825	13.50	95.86	0.18	13.68	≤30.00	PASS
11N20SISO	Ant3	5745	14.29	100.00	0.00	14.29	≤30.00	PASS
		5785	15.66	100.00	0.00	15.66	≤30.00	PASS
		5825	16.94	100.00	0.00	16.94	≤30.00	PASS
11N40SISO	Ant3	5755	14.64	100.00	0.00	14.64	≤30.00	PASS
		5795	16.07	100.00	0.00	16.07	≤30.00	PASS
11AC20SISO	Ant3	5745	14.22	100.00	0.00	14.22	≤30.00	PASS
		5785	15.52	100.00	0.00	15.52	≤30.00	PASS
		5825	16.91	100.00	0.00	16.91	≤30.00	PASS
11AC40SISO	Ant3	5755	14.49	100.00	0.00	14.49	≤30.00	PASS
		5795	15.99	100.00	0.00	15.99	≤30.00	PASS
11AC80SISO	Ant3	5775	14.73	100.00	0.00	14.73	≤30.00	PASS

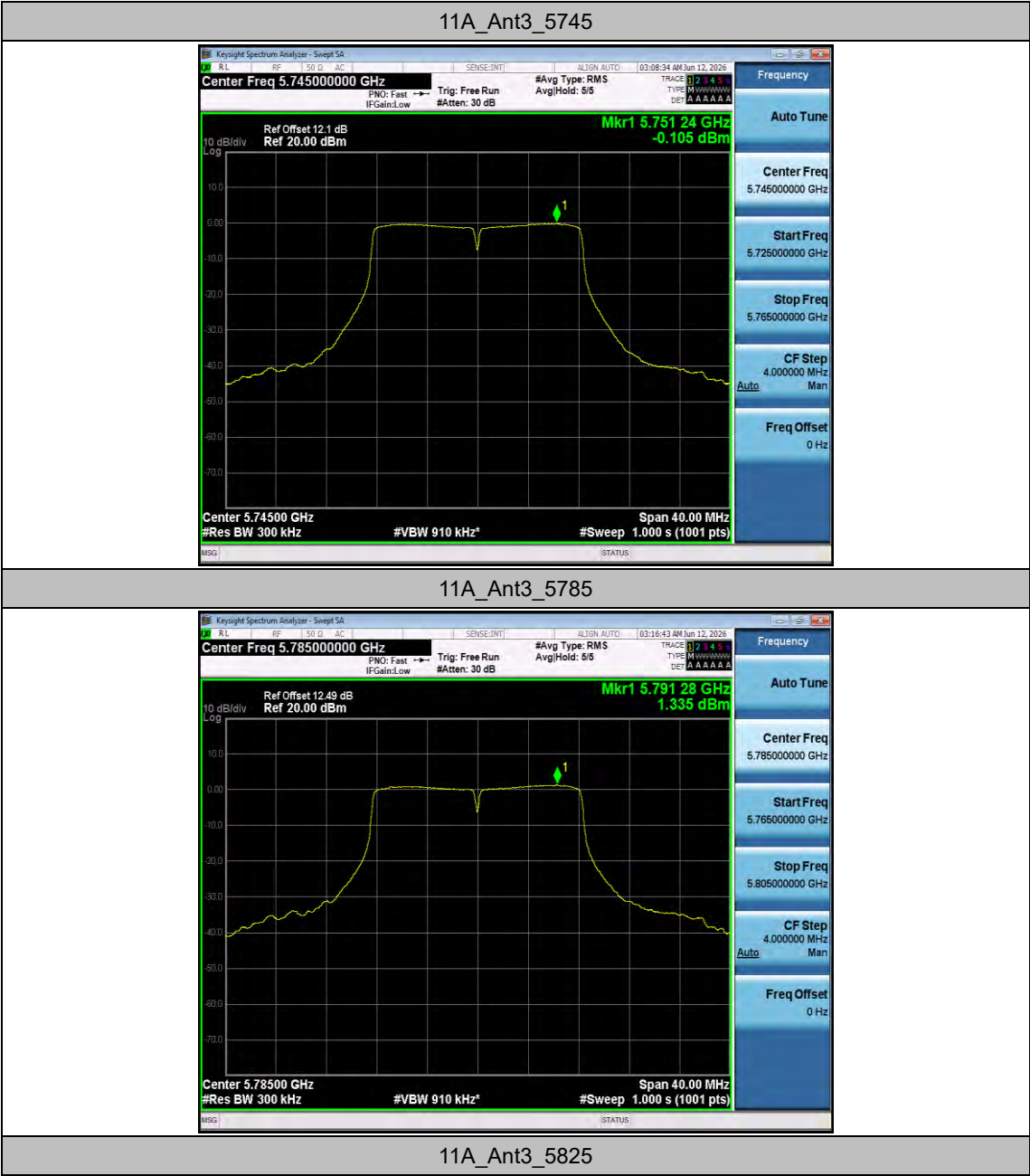
Appendix C.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant3	5745	-0.11	≤30.00	PASS
		5785	1.34	≤30.00	PASS
		5825	-0.21	≤30.00	PASS
11N20SISO	Ant3	5745	-0.41	≤30.00	PASS
		5785	1.11	≤30.00	PASS
		5825	2.31	≤30.00	PASS
11N40SISO	Ant3	5755	-2.76	≤30.00	PASS
		5795	-1.04	≤30.00	PASS
11AC20SISO	Ant3	5745	-0.51	≤30.00	PASS
		5785	1.08	≤30.00	PASS
		5825	2.23	≤30.00	PASS
11AC40SISO	Ant3	5755	-2.82	≤30.00	PASS
		5795	-1.09	≤30.00	PASS
11AC80SISO	Ant3	5775	-4.61	≤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





11N20SISO_Ant3_5745



11N20SISO_Ant3_5785



11N20SISO_Ant3_5825



11N40SISO_Ant3_5755



11N40SISO_Ant3_5795



11AC20SISO_Ant3_5745



11AC20SISO_Ant3_5785



11AC20SISO_Ant3_5825



11AC40SISO_Ant3_5755



11AC40SISO_Ant3_5795



Appendix C.6:Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant3	Low	5745	5650~5700	-39.64	≤-26.87	PASS
				5700~5720	-38.94	≤10.28	PASS
				5720~5725	-32.6	≤17.39	PASS
				5760~5650	-39.87	≤-27	PASS
		High	5825	5850~5855	-39.59	≤15.73	PASS
				5855~5875	-38.15	≤10.44	PASS
				5875~5925	-38.37	≤-25.91	PASS
				5925~5935	-36.85	≤-27	PASS
11N20SI SO	Ant3	Low	5745	5650~5700	-39.53	≤-26.02	PASS
				5700~5720	-32.74	≤15.53	PASS
				5720~5725	-25.02	≤23.42	PASS
				5760~5650	-39.58	≤-27	PASS
		High	5825	5850~5855	-33.19	≤16.65	PASS
				5855~5875	-37.38	≤10.93	PASS
				5875~5925	-38.43	≤-26.41	PASS
				5925~5935	-37.91	≤-27	PASS
11N40SI SO	Ant3	Low	5755	5650~5700	-39	≤-25.71	PASS
				5700~5720	-25	≤15.39	PASS
				5720~5725	-28.15	≤16.04	PASS
				5780~5650	-39.73	≤-27	PASS
		High	5795	5850~5855	-37.08	≤15.66	PASS
				5855~5875	-38.13	≤10.34	PASS
				5875~5925	-39.49	≤-26.71	PASS
				5925~5935	-37.91	≤-27	PASS
11AC20S ISO	Ant3	Low	5745	5650~5700	-40.13	≤-26.96	PASS
				5700~5720	-33.54	≤13.31	PASS
				5720~5725	-27.42	≤21.85	PASS
				5760~5650	-39.22	≤-27	PASS
		High	5825	5850~5855	-35.83	≤15.73	PASS
				5855~5875	-37.67	≤10.51	PASS
				5875~5925	-37.96	≤-26.41	PASS
				5925~5935	-37.9	≤-27	PASS
11AC40S ISO	Ant3	Low	5755	5650~5700	-40.1	≤-26.90	PASS
				5700~5720	-27.96	≤13.20	PASS
				5720~5725	-27.12	≤16.97	PASS
				5780~5650	-39.38	≤-27	PASS

		High	5795	5850~5855	-38.28	≤ 15.66	PASS
				5855~5875	-37.86	≤ 10.48	PASS
				5875~5925	-38.86	≤ -26.59	PASS
				5925~5935	-37.74	≤ -27	PASS
11AC80S ISO	Ant3	Low	5775	5650~5700	-38.53	≤ -26.11	PASS
				5700~5720	-29.59	≤ 10.44	PASS
				5720~5725	-27.59	≤ 17.06	PASS
				5800~5650	-37.53	≤ -27	PASS
		High	5775	5850~5855	-28.44	≤ 17.95	PASS
				5855~5875	-30.24	≤ 12.37	PASS
				5875~5925	-38.76	≤ -25.91	PASS
				5925~5935	-38.44	≤ -27	PASS

Test GraphsB4





11N20SISO_Ant3_High_5825



11N40SISO_Ant3_Low_5755



11N40SISO_Ant3_High_5795



11AC20SISO_Ant3_Low_5745



11AC20SISO_Ant3_High_5825



11AC40SISO_Ant3_Low_5755



11AC40SISO_Ant3_High_5795



11AC80SISO_Ant3_Low_5775



11AC80SISO_Ant3_High_5775



Appendix C.7:Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant3	5745	30~5650	4888.86	-40.59	≤-27	PASS
			5925~27000	24298.19	-31.27	≤-27	PASS
		5785	30~5650	2403.89	-39.71	≤-27	PASS
			5925~27000	26069.19	-31.47	≤-27	PASS
		5825	30~5650	5511.37	-39.45	≤-27	PASS
			5925~27000	26735.86	-31.44	≤-27	PASS
11N20SISO	Ant3	5745	30~5650	5501.82	-40.81	≤-27	PASS
			5925~27000	24796.26	-32.08	≤-27	PASS
		5785	30~5650	2664.09	-39.71	≤-27	PASS
			5925~27000	24284.14	-31.7	≤-27	PASS
		5825	30~5650	5428.57	-39.27	≤-27	PASS
			5925~27000	23543	-32.2	≤-27	PASS
11N40SISO	Ant3	5755	30~5650	5434.19	-41.08	≤-27	PASS
			5925~27000	24263.76	-31.02	≤-27	PASS
		5795	30~5650	2418.87	-39.53	≤-27	PASS
			5925~27000	24919.9	-31.61	≤-27	PASS
11AC20SISO	Ant3	5745	30~5650	3573.78	-40.41	≤-27	PASS
			5925~27000	24236.37	-31.83	≤-27	PASS
		5785	30~5650	2666.34	-40.14	≤-27	PASS
			5925~27000	26022.12	-31.57	≤-27	PASS
		5825	30~5650	5485.33	-38.17	≤-27	PASS
			5925~27000	24163.31	-31.15	≤-27	PASS
11AC40SISO	Ant3	5755	30~5650	3044.19	-40.52	≤-27	PASS
			5925~27000	24187.19	-32.04	≤-27	PASS
		5795	30~5650	3315.08	-40.21	≤-27	PASS
			5925~27000	26573.58	-32.14	≤-27	PASS
11AC80SISO	Ant3	5775	30~5650	2446.04	-39.84	≤-27	PASS
			5925~27000	25066.72	-31.68	≤-27	PASS

Test Graphs

11A_Ant3_5745_30~5650



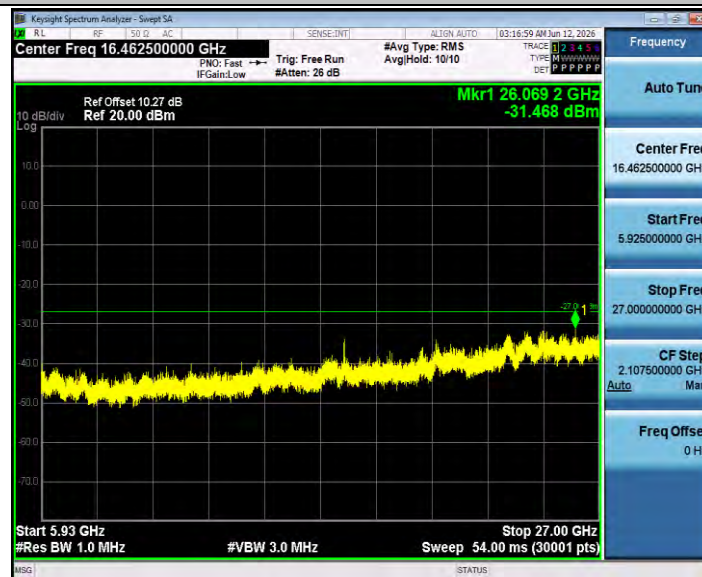
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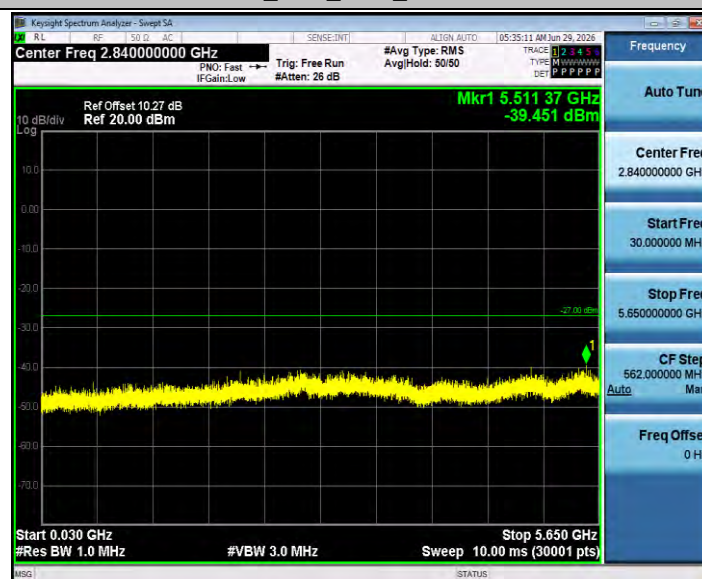
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11A_Ant3_5785_5925~27000



11A_Ant3_5825_30~5650



11A_Ant3_5825_5925~27000



11N20SISO_Ant3_5745_30~5650



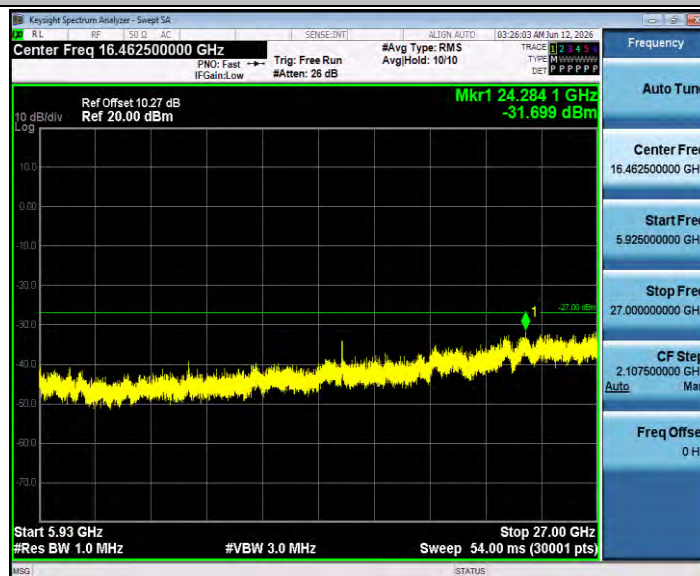
11N20SISO_Ant3_5745_5925~27000



11N20SISO_Ant3_5785_30~5650



11N20SISO_Ant3_5785_5925~27000



11N20SISO_Ant3_5825_30~5650



11N20SISO_Ant3_5825_5925~27000



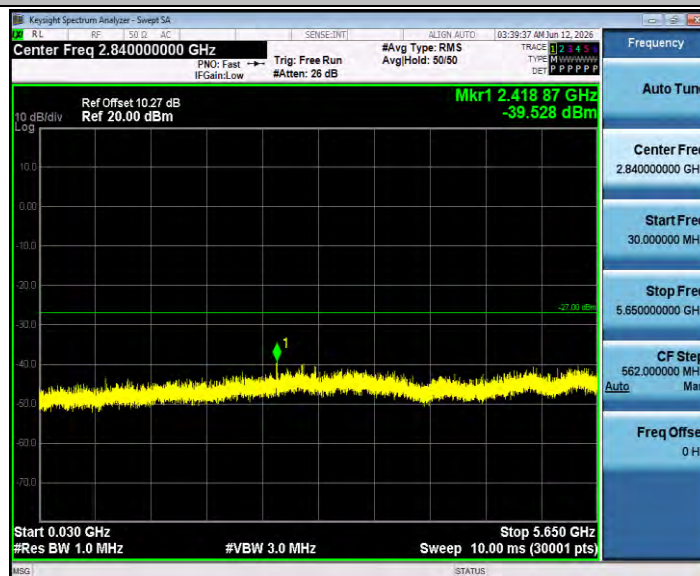
11N40SISO_Ant3_5755_30~5650



11N40SISO_Ant3_5755_5925~27000



11N40SISO_Ant3_5795_30~5650



11N40SISO_Ant3_5795_5925~27000



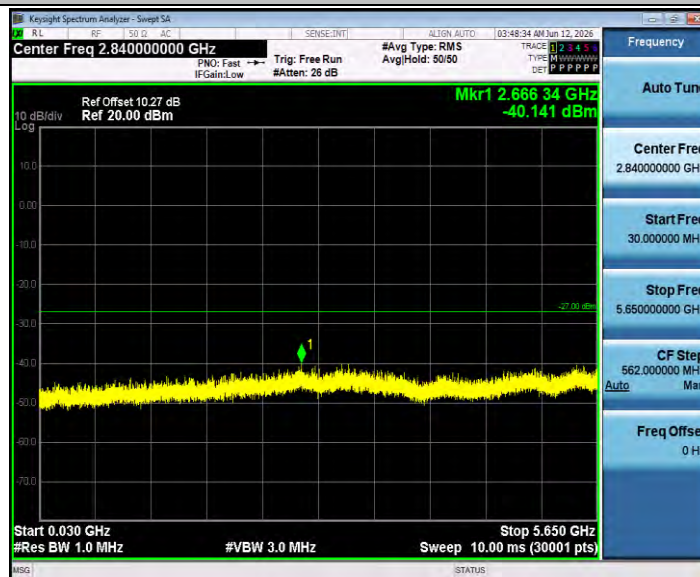
11AC20SISO_Ant3_5745_30~5650



11AC20SISO_Ant3_5745_5925~27000



11AC20SISO_Ant3_5785_30~5650



11AC20SISO_Ant3_5785_5925~27000



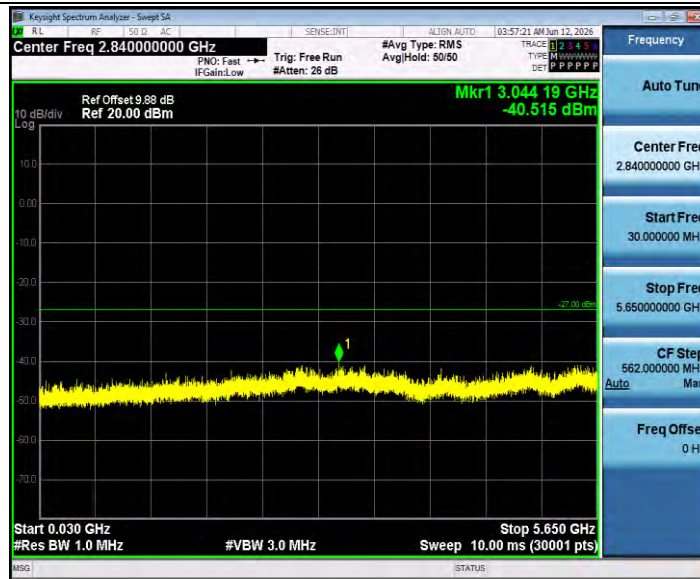
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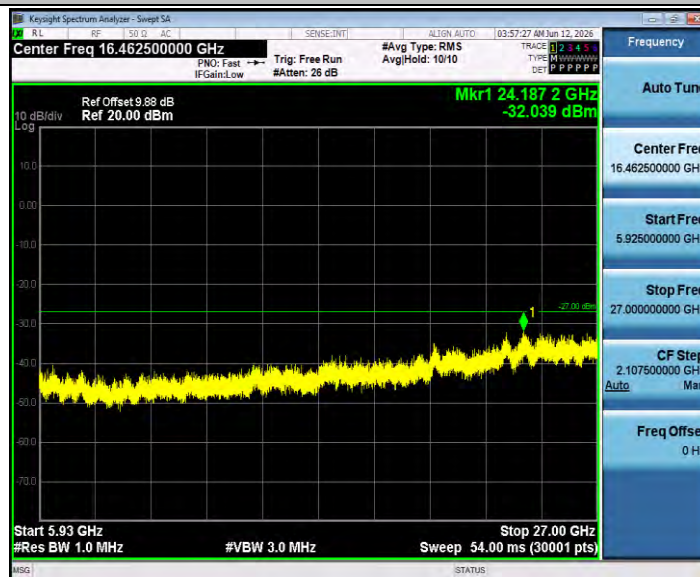
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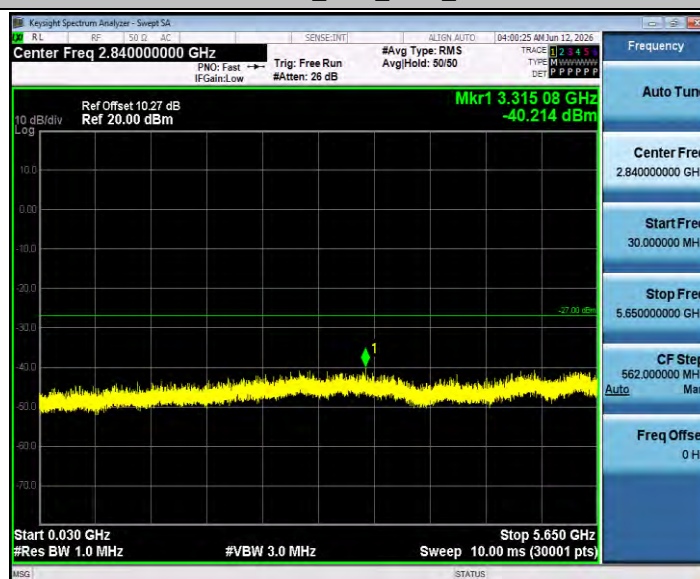
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11AC80SISO_Ant3_5775_30~5650



11AC80SISO_Ant3_5775_5925~27000

