

Case No. : <u>GTS20260302018-2-04</u>
Ambient Condition: <u>23</u> °C, <u>51</u> %RH
According Standard: ■Part15E
Test Date: <u>2026.3.19-2026.3.26</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	20.201	5735.4265	5755.6275	---	---
		5785	21.994	5774.8831	5796.8771	---	---
		5825	24.223	5813.4978	5837.7208	---	---
11N20SISO	Ant1	5745	19.783	5735.5444	5755.3274	---	---
		5785	22.194	5774.7537	5796.9477	---	---
		5825	25.660	5812.9387	5838.5987	---	---
11N40SISO	Ant1	5755	40.857	5736.1263	5776.9833	---	---
		5795	43.024	5775.3465	5818.3705	---	---
11AC20SISO	Ant1	5745	19.599	5735.5360	5755.1350	---	---
		5785	22.232	5774.6718	5796.9038	---	---
		5825	25.436	5812.7837	5838.2197	---	---
11AC40SISO	Ant1	5755	40.855	5736.1077	5776.9627	---	---
		5795	43.204	5775.3308	5818.5348	---	---
11AC80SISO	Ant1	5775	82.979	5736.8376	5819.8166	---	---

Test Graphs

11A_Ant1_5745



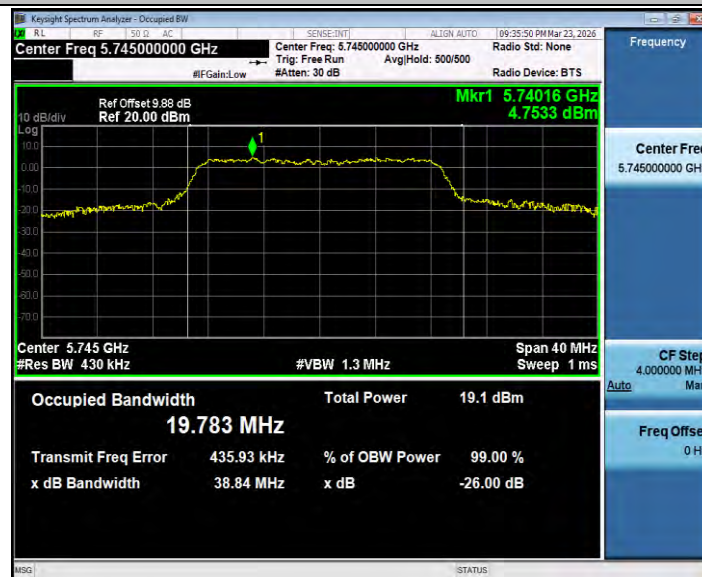
11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5745



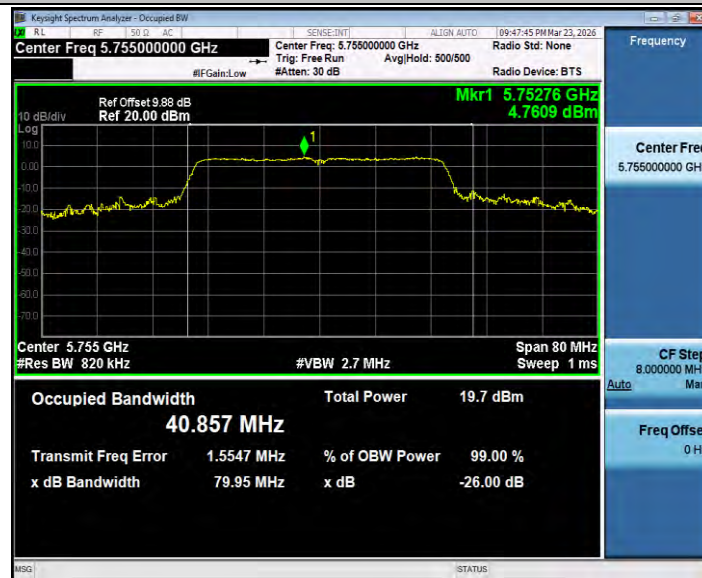
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



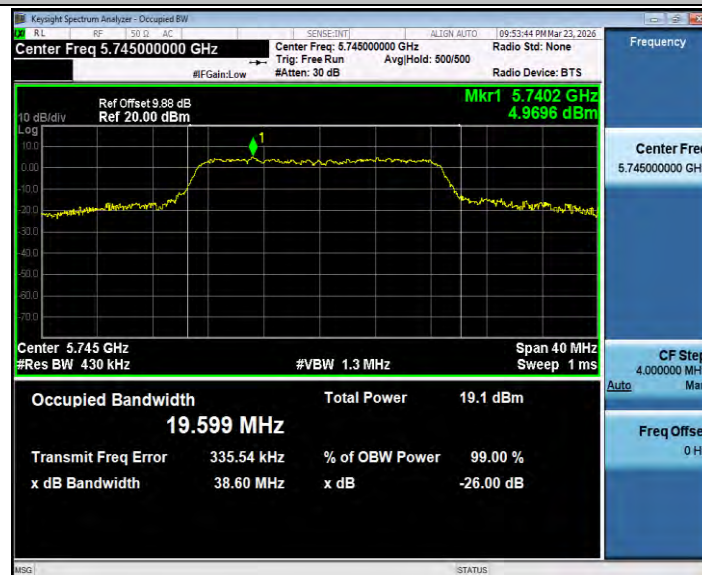
11N40SISO_Ant1_5755



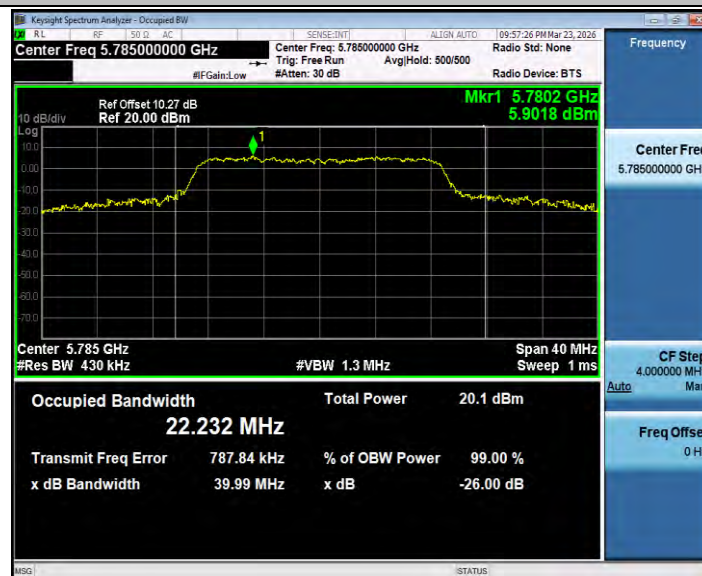
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



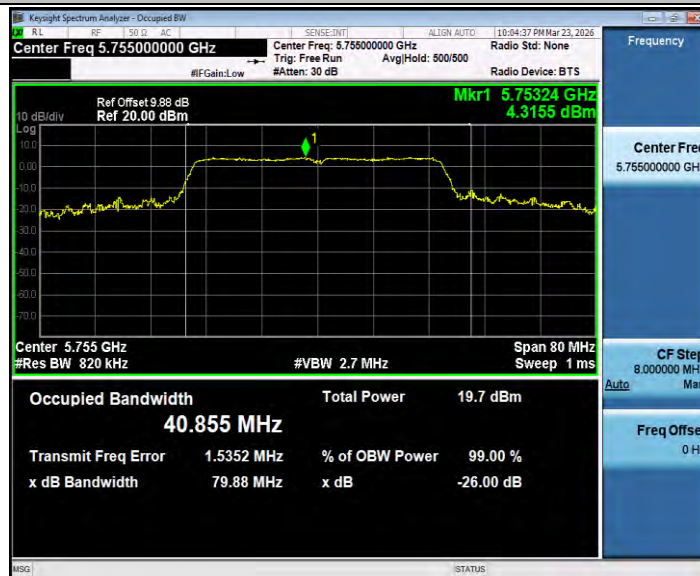
11AC20SISO_Ant1_5785



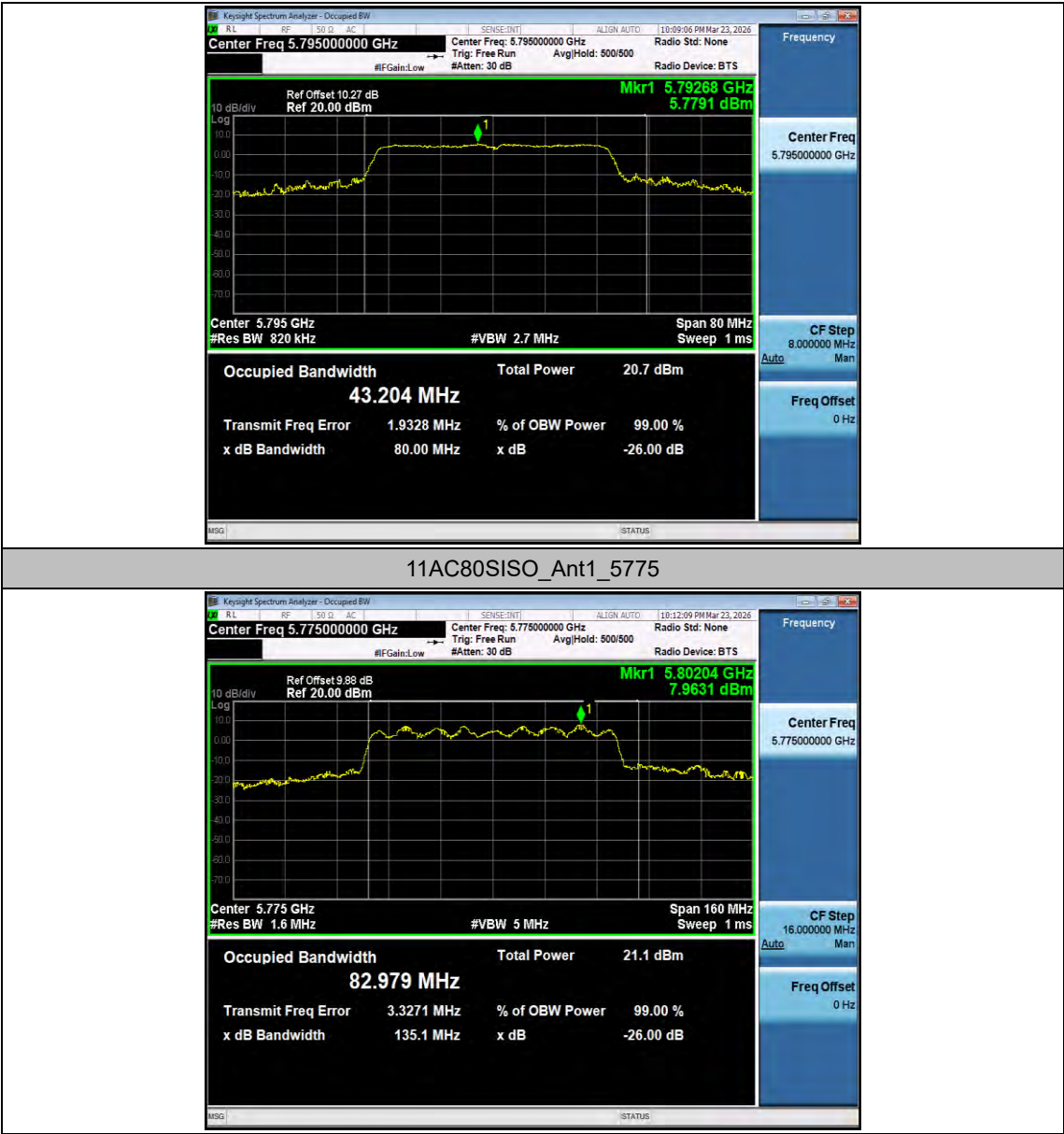
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



Appendix E.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	16.480	5816.760	5833.240	0.5	PASS
11N20SISO	Ant1	5745	17.680	5736.160	5753.840	0.5	PASS
		5785	17.680	5776.160	5793.840	0.5	PASS
		5825	17.720	5816.120	5833.840	0.5	PASS
11N40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.400	5776.760	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	17.640	5736.160	5753.800	0.5	PASS
		5785	17.680	5776.160	5793.840	0.5	PASS
		5825	17.720	5816.120	5833.840	0.5	PASS
11AC40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.400	5776.760	5813.160	0.5	PASS
11AC80SISO	Ant1	5775	74.400	5738.040	5812.440	0.5	PASS

Test Graphs B4





11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



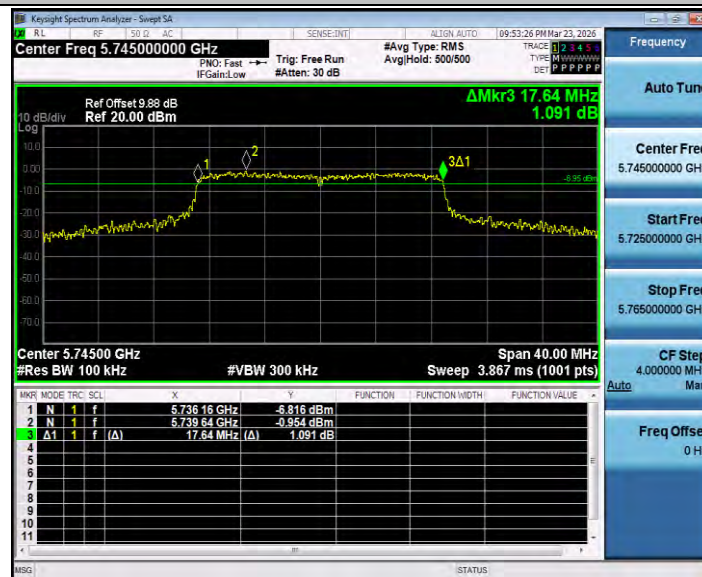
11N40SISO Ant1 5755



11N40SISO Ant1 5795



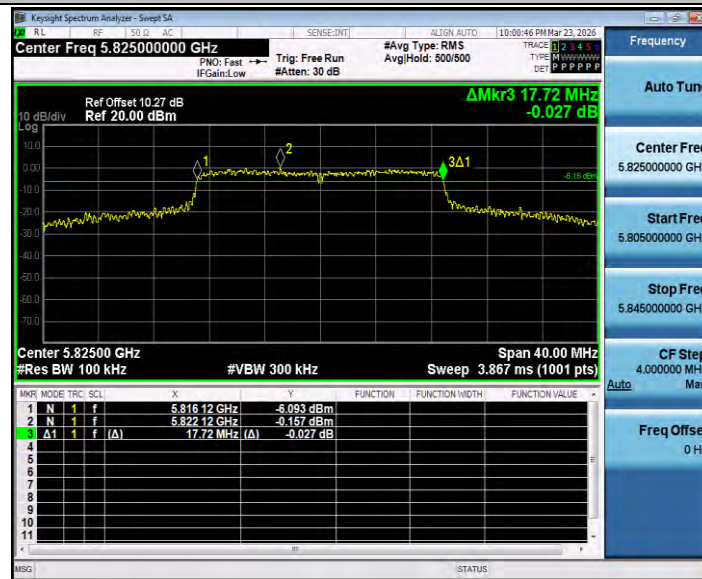
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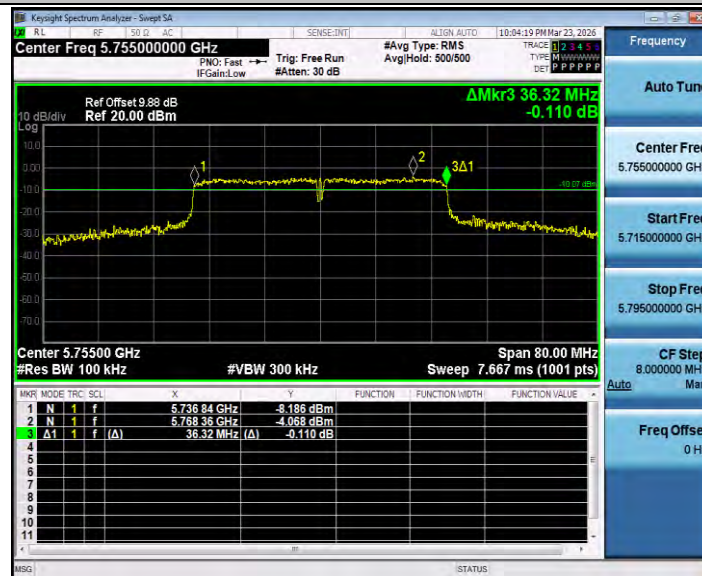
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



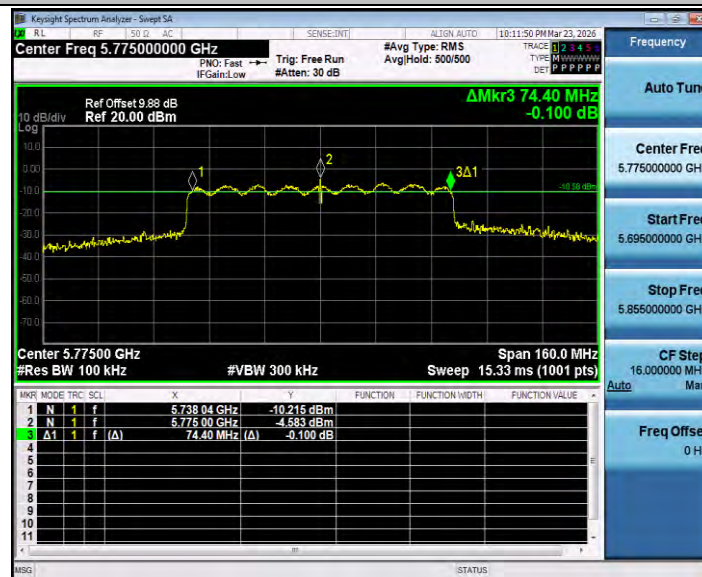
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775

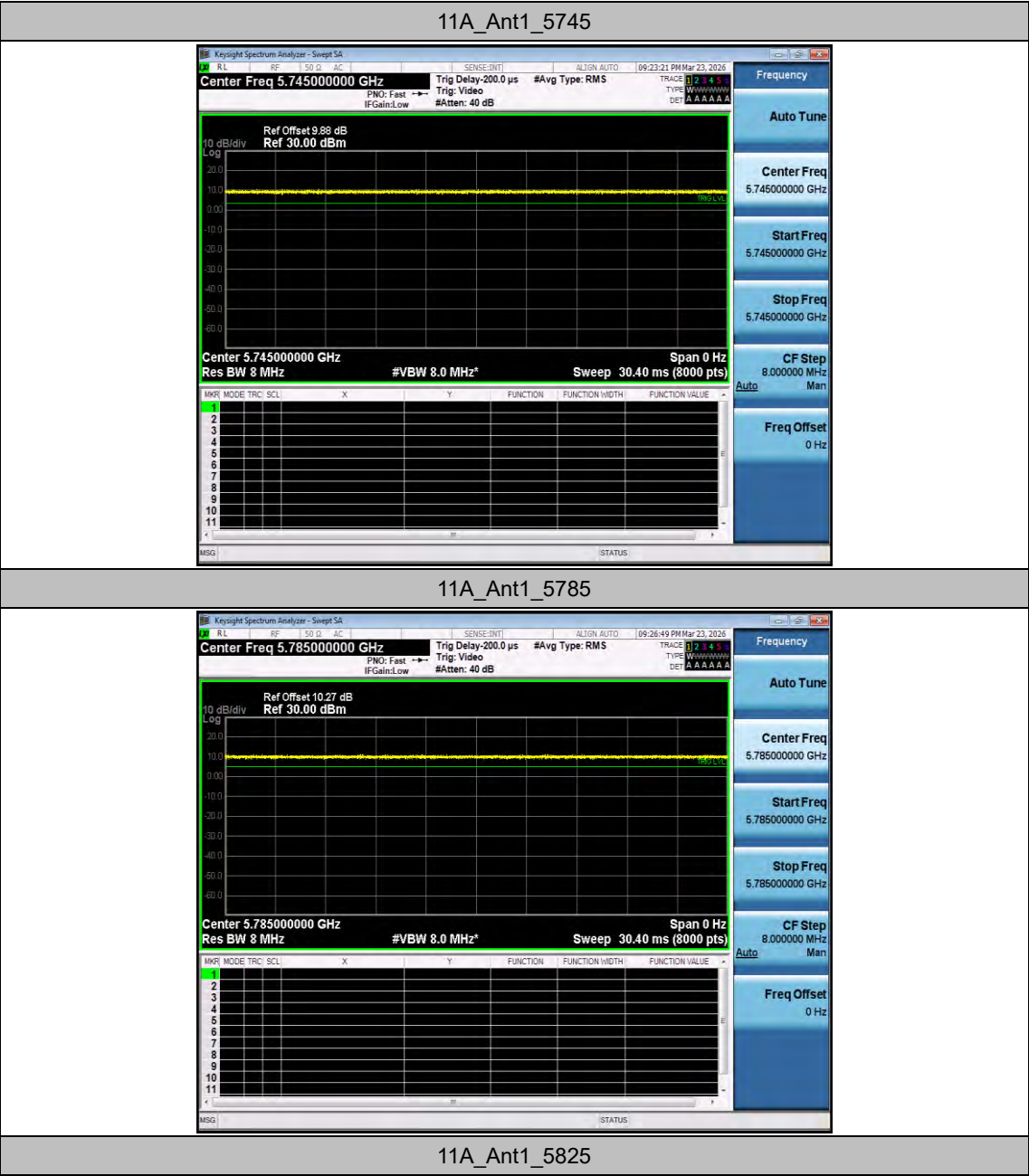


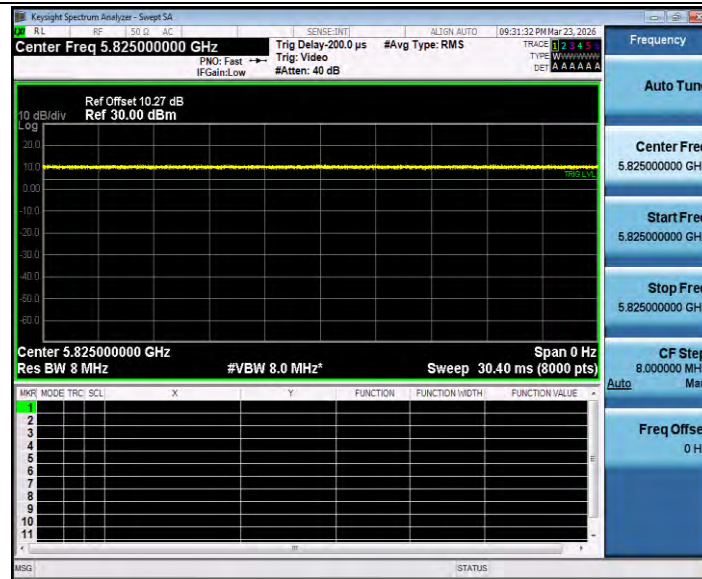
Appendix E.3: Duty Cycle

Test Result

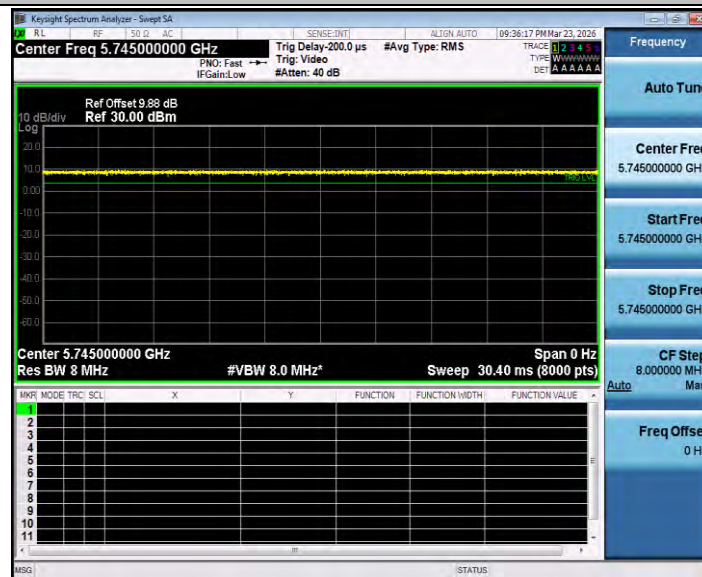
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	30.00	30.00	100.00	0.00	0.03
		5785	30.00	30.00	100.00	0.00	0.03
		5825	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant1	5745	30.00	30.00	100.00	0.00	0.03
		5785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

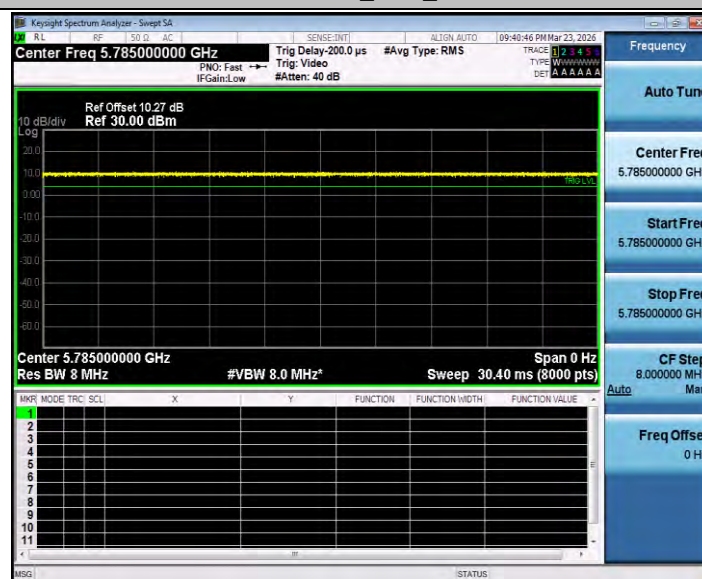




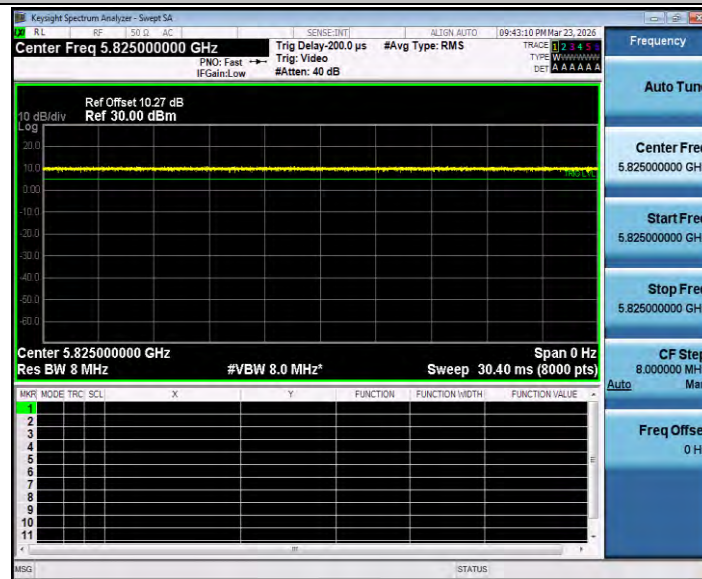
11N20SISO_Ant1_5745



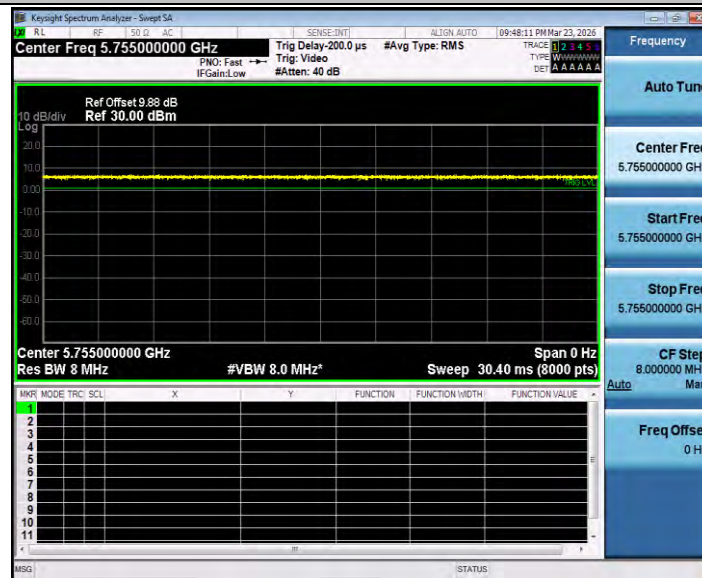
11N20SISO_Ant1_5785



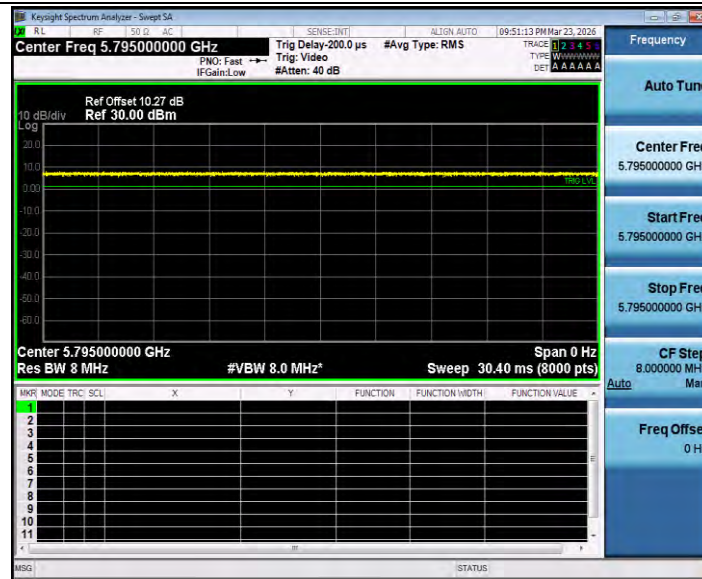
11N20SISO_Ant1_5825



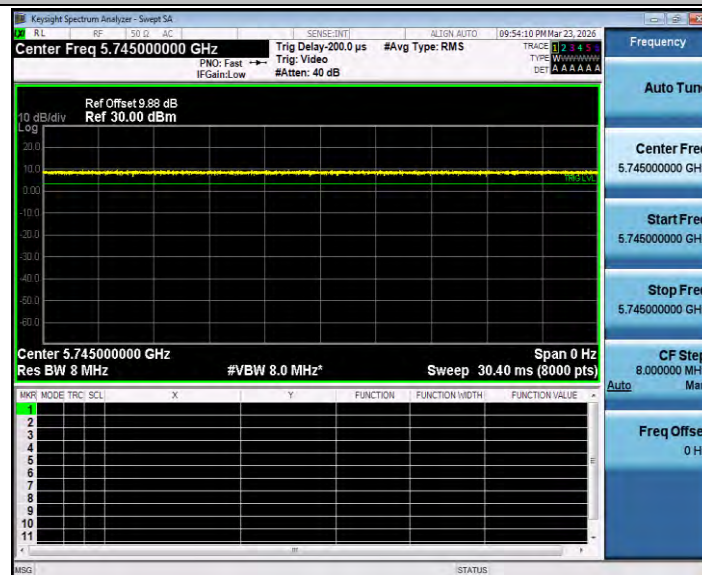
11N40SISO_Ant1_5755



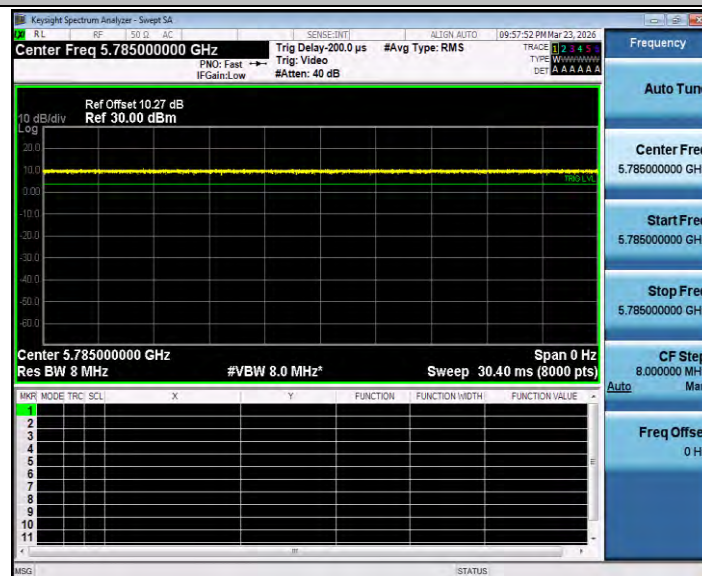
11N40SISO_Ant1_5795



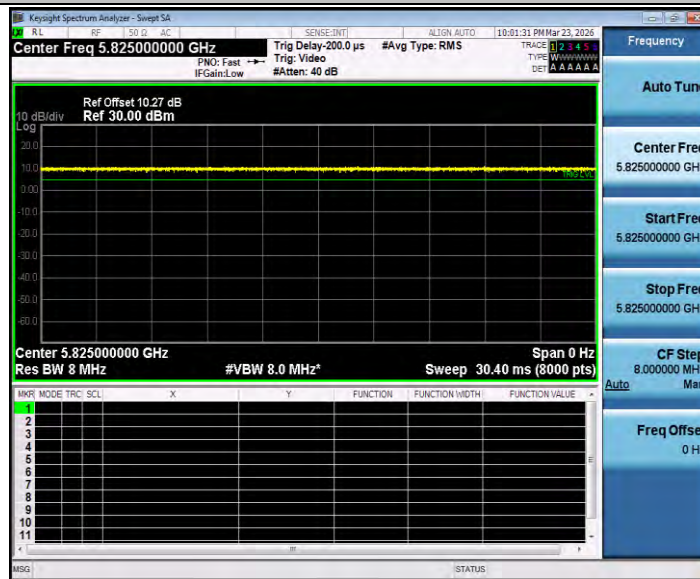
11AC20SISO_Ant1_5745



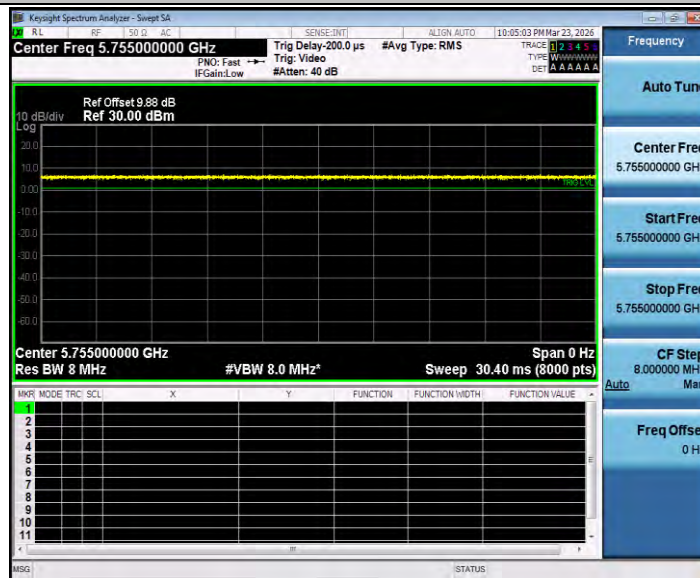
11AC20SISO_Ant1_5785



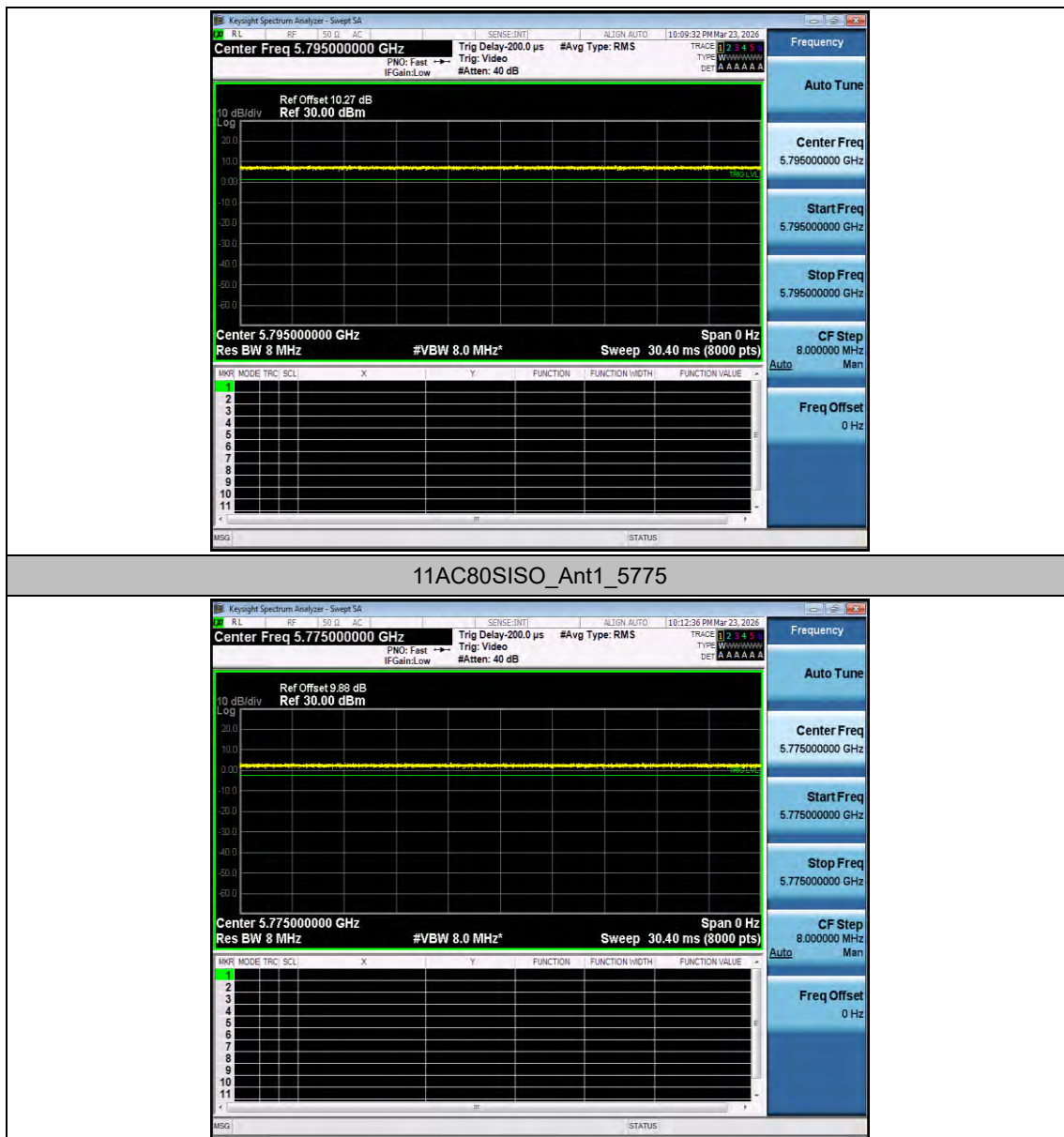
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



Appendix E.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	12.91	100.00	0.00	12.91	≤30.00	PASS
		5785	13.61	100.00	0.00	13.61	≤30.00	PASS
		5825	13.85	100.00	0.00	13.85	≤30.00	PASS
11N20SISO	Ant1	5745	12.45	100.00	0.00	12.45	≤30.00	PASS
		5785	13.50	100.00	0.00	13.50	≤30.00	PASS
		5825	13.78	100.00	0.00	13.78	≤30.00	PASS
11N40SISO	Ant1	5755	12.49	100.00	0.00	12.49	≤30.00	PASS
		5795	13.46	100.00	0.00	13.46	≤30.00	PASS
11AC20SISO	Ant1	5745	12.51	100.00	0.00	12.51	≤30.00	PASS
		5785	13.47	100.00	0.00	13.47	≤30.00	PASS
		5825	13.62	100.00	0.00	13.62	≤30.00	PASS
11AC40SISO	Ant1	5755	12.50	100.00	0.00	12.50	≤30.00	PASS
		5795	13.45	100.00	0.00	13.45	≤30.00	PASS
11AC80SISO	Ant1	5775	12.24	100.00	0.00	12.24	≤30.00	PASS

Appendix E.5: Maximum power spectral density

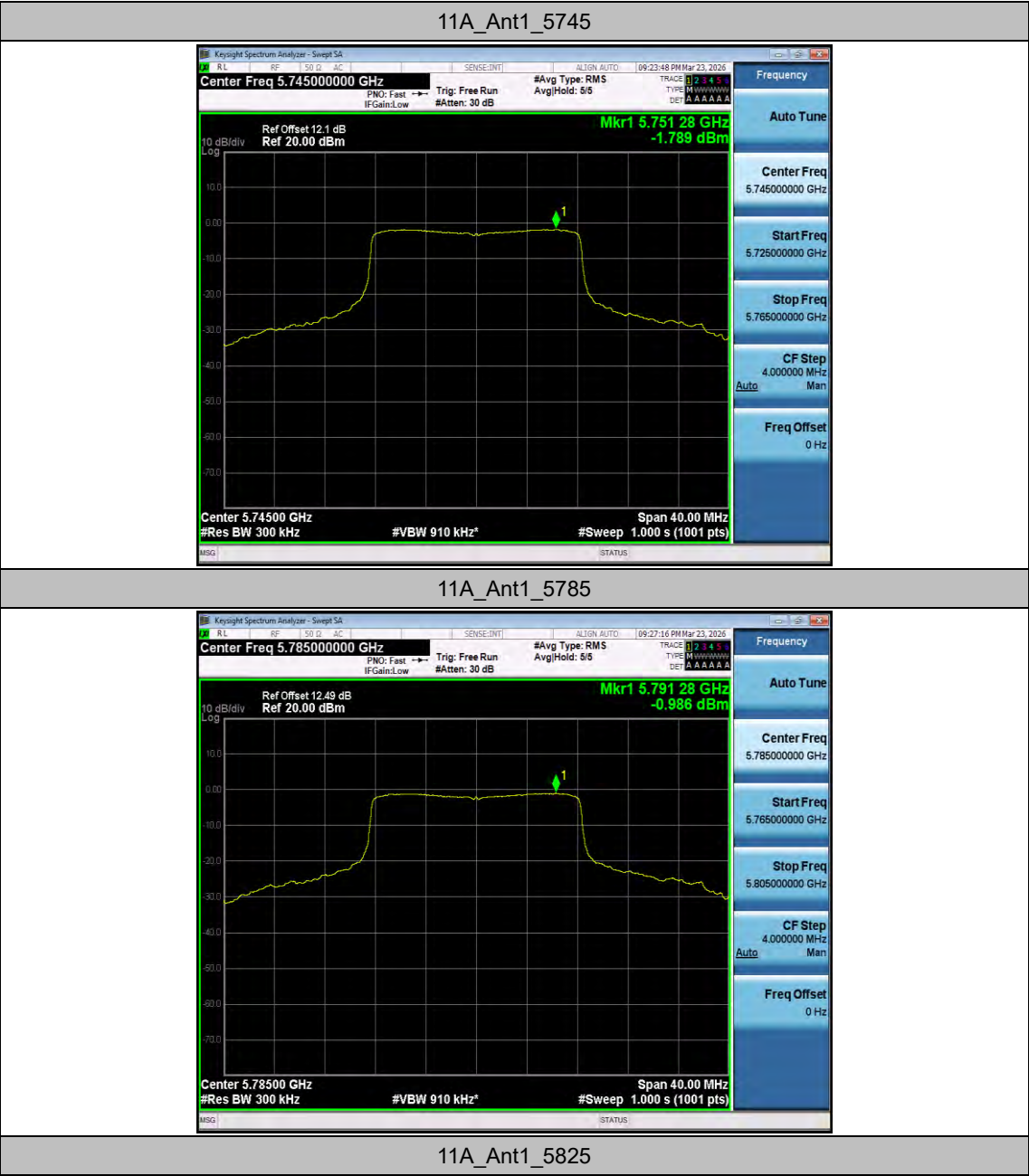
Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-1.79	≤30.00	PASS
		5785	-0.99	≤30.00	PASS
		5825	-0.83	≤30.00	PASS
11N20SISO	Ant1	5745	-2.23	≤30.00	PASS
		5785	-1.12	≤30.00	PASS
		5825	-0.86	≤30.00	PASS
11N40SISO	Ant1	5755	-4.29	≤30.00	PASS
		5795	-3.26	≤30.00	PASS
11AC20SISO	Ant1	5745	-2.26	≤30.00	PASS
		5785	-1.25	≤30.00	PASS
		5825	-0.98	≤30.00	PASS
11AC40SISO	Ant1	5755	-4.33	≤30.00	PASS
		5795	-3.28	≤30.00	PASS
11AC80SISO	Ant1	5775	-4.01	≤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_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	-39.42	≤-25.93	PASS
				5700~5720	-24.93	≤15.53	PASS
				5720~5725	-24.53	≤16.08	PASS
				5760~5650	-39.61	≤-27	PASS
		High	5825	5850~5855	-24.84	≤16.03	PASS
				5855~5875	-26.61	≤14.67	PASS
				5875~5925	-38.95	≤-26.21	PASS
				5925~5935	-38	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-38.65	≤-25.17	PASS
				5700~5720	-30.32	≤10.83	PASS
				5720~5725	-15.69	≤22.90	PASS
				5760~5650	-39.82	≤-27	PASS
		High	5825	5850~5855	-22.87	≤15.73	PASS
				5855~5875	-23.83	≤15.12	PASS
				5875~5925	-38.65	≤-26.71	PASS
				5925~5935	-38.74	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-39.69	≤-26.80	PASS
				5700~5720	-19.16	≤15.20	PASS
				5720~5725	-19.3	≤15.74	PASS
				5780~5650	-38.94	≤-27	PASS
		High	5795	5850~5855	-29.21	≤16.03	PASS
				5855~5875	-28.28	≤14.45	PASS
				5875~5925	-39.82	≤-26.59	PASS
				5925~5935	-37.96	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-38.5	≤-26.02	PASS
				5700~5720	-24.31	≤15.47	PASS
				5720~5725	-16.13	≤22.63	PASS
				5760~5650	-39.38	≤-27	PASS
		High	5825	5850~5855	-24.85	≤15.73	PASS
				5855~5875	-23.22	≤15.50	PASS
				5875~5925	-38.53	≤-26.51	PASS
				5925~5935	-38.54	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-39.05	≤-26.20	PASS
				5700~5720	-17.84	≤15.31	PASS
				5720~5725	-19.01	≤16.66	PASS
				5780~5650	-38.86	≤-27	PASS

		High	5795	5850~5855	-28.41	≤ 16.41	PASS
				5855~5875	-29.52	≤ 14.54	PASS
				5875~5925	-38.87	≤ -26.83	PASS
				5925~5935	-38.39	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-35.53	≤ -26.91	PASS
				5700~5720	-22.61	≤ 11.18	PASS
				5720~5725	-21.54	≤ 15.65	PASS
				5800~5650	-34.64	≤ -27	PASS
		High	5775	5850~5855	-21.35	≤ 15.84	PASS
				5855~5875	-22.22	≤ 11.85	PASS
				5875~5925	-38.52	≤ -26.73	PASS
				5925~5935	-37.3	≤ -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	5436.63	-40.33	≤-27	PASS
			5925~27000	26929.75	-31.81	≤-27	PASS
		5785	30~5650	5389.79	-39.82	≤-27	PASS
			5925~27000	25653.31	-31.57	≤-27	PASS
		5825	30~5650	4904.79	-39.82	≤-27	PASS
			5925~27000	23561.97	-31.93	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5517.37	-40.29	≤-27	PASS
			5925~27000	24280.62	-31.25	≤-27	PASS
		5785	30~5650	5463.42	-39.37	≤-27	PASS
			5925~27000	24777.99	-31.92	≤-27	PASS
		5825	30~5650	5524.3	-39.75	≤-27	PASS
			5925~27000	25703.19	-32	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5445.06	-40.67	≤-27	PASS
			5925~27000	26839.13	-31.96	≤-27	PASS
		5795	30~5650	5362.07	-39.22	≤-27	PASS
			5925~27000	24282.03	-30.45	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5460.42	-39.54	≤-27	PASS
			5925~27000	24775.89	-31.86	≤-27	PASS
		5785	30~5650	2629.06	-39.43	≤-27	PASS
			5925~27000	26830	-31.57	≤-27	PASS
		5825	30~5650	4876.13	-39.81	≤-27	PASS
			5925~27000	26043.2	-30.92	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5433.63	-39.56	≤-27	PASS
			5925~27000	24388.81	-31.85	≤-27	PASS
		5795	30~5650	4969.61	-40.16	≤-27	PASS
			5925~27000	25957.49	-31.34	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5631.83	-37	≤-27	PASS
			5925~27000	24761.13	-32.25	≤-27	PASS

Test Graphs

11A_Ant1_5745_30~5650



11A_Ant1_5745_5925~27000



11A_Ant1_5785_30~5650



11A_Ant1_5785_5925~27000



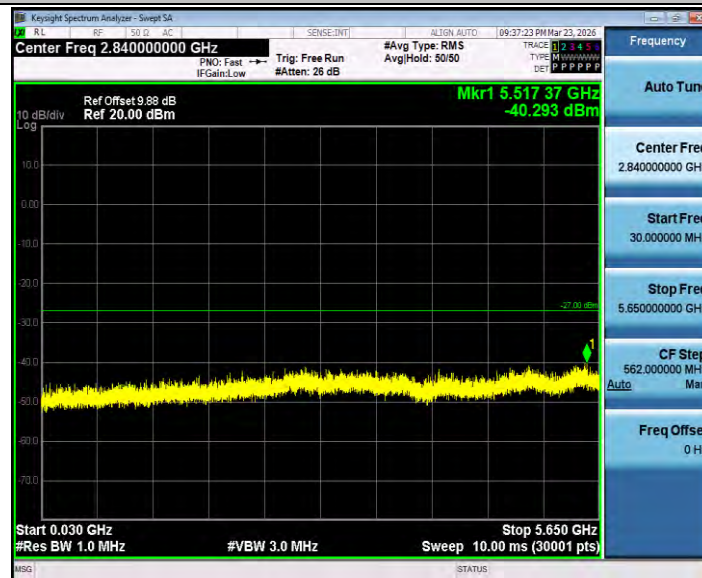
11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~27000



11N20SISO_Ant1_5745_30~5650



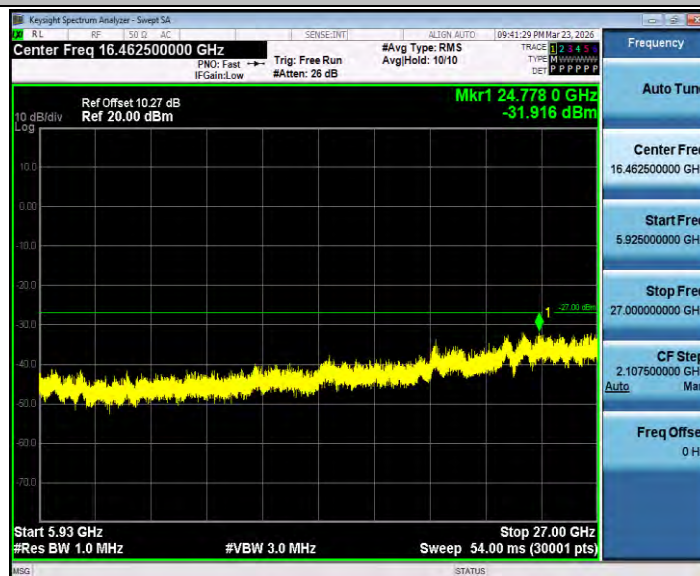
11N20SISO_Ant1_5745_5925~27000



11N20SISO_Ant1_5785_30~5650



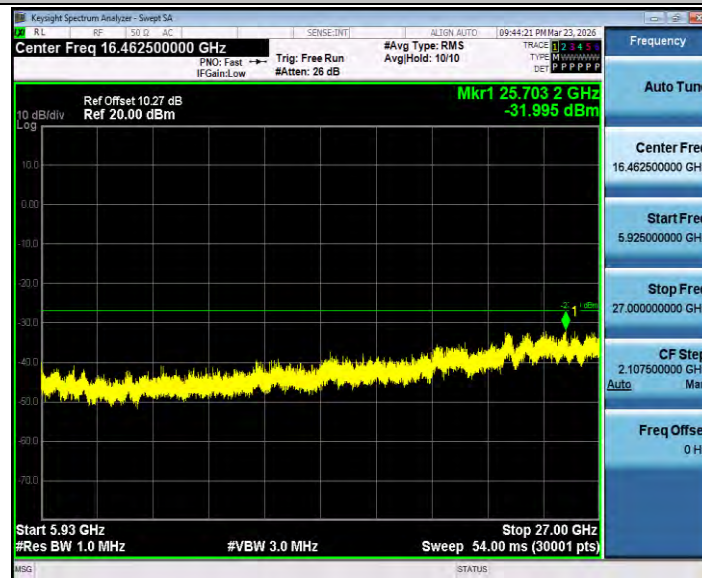
11N20SISO_Ant1_5785_5925~27000



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



11AC20SISO_Ant1_5785_5925~27000



11AC20SISO_Ant1_5825_30~5650



11AC20SISO_Ant1_5825_5925~27000



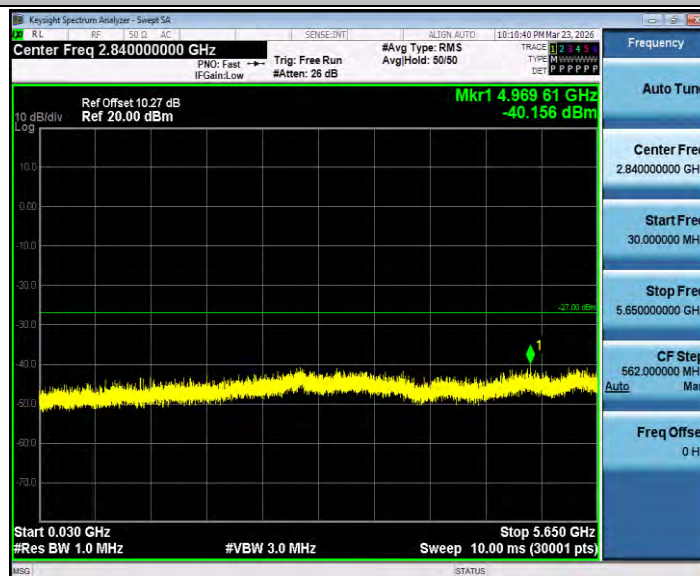
11AC40SISO_Ant1_5755_30~5650



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

