

Case No. : <u>GTS20260302018-2-04</u>
Ambient Condition: <u>24</u> °C, <u>53</u> %RH
According Standard: ■Part15E
Test Date: <u>2026.3.19-2026.3.26</u> Test Engineer: <u>Evan ouyang</u>

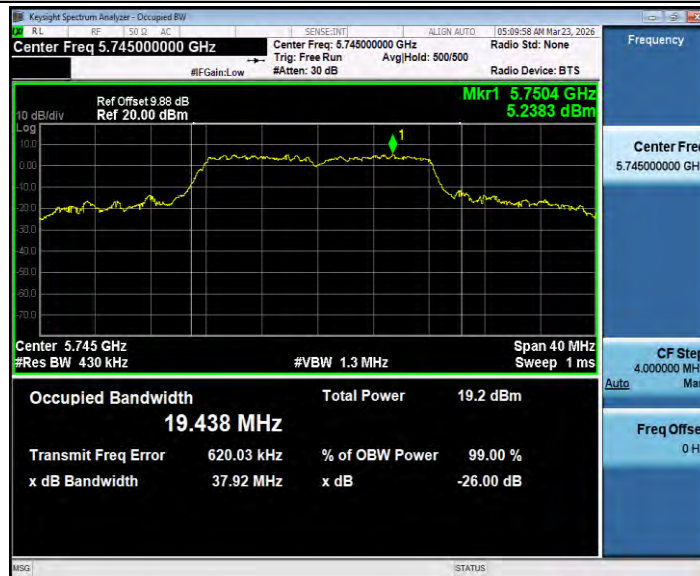
Appendix E.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	19.438	5735.9010	5755.3390	---	---
		5785	20.337	5775.4195	5795.7565	---	---
		5825	22.399	5814.7053	5837.1043	---	---
11N20SISO	Ant1	5745	19.520	5735.5731	5755.0931	---	---
		5785	21.417	5775.1254	5796.5424	---	---
		5825	23.504	5813.9602	5837.4642	---	---
11N40SISO	Ant1	5755	40.485	5736.2354	5776.7204	---	---
		5795	41.953	5775.8088	5817.7618	---	---
11AC20SISO	Ant1	5745	19.202	5735.6495	5754.8515	---	---
		5785	21.344	5775.0332	5796.3772	---	---
		5825	22.953	5814.2342	5837.1872	---	---
11AC40SISO	Ant1	5755	40.980	5736.1592	5777.1392	---	---
		5795	41.824	5775.7570	5817.5810	---	---
11AC80SISO	Ant1	5775	88.626	5736.4937	5825.1197	---	---

Test Graphs

11A_Ant1_5745



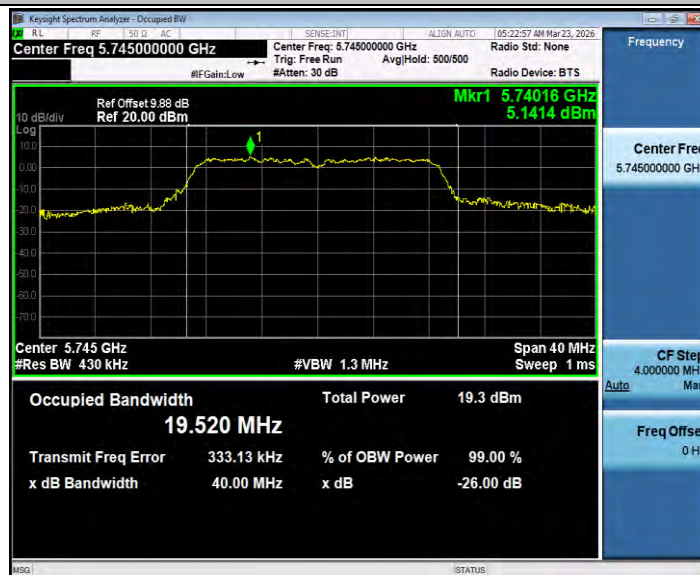
11A_Ant1_5785



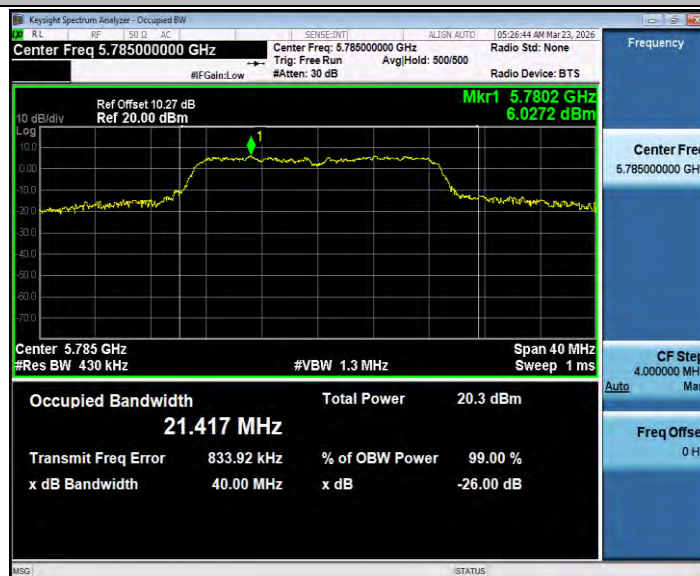
11A_Ant1_5825



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



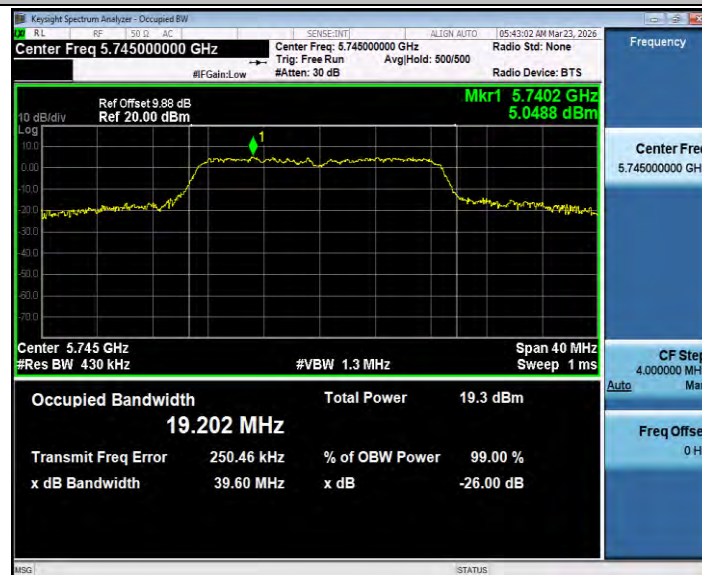
11N40SISO_Ant1_5755



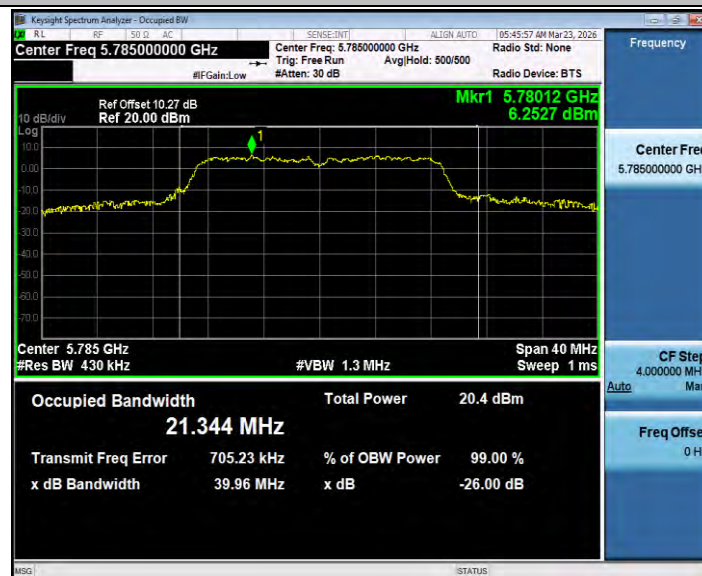
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



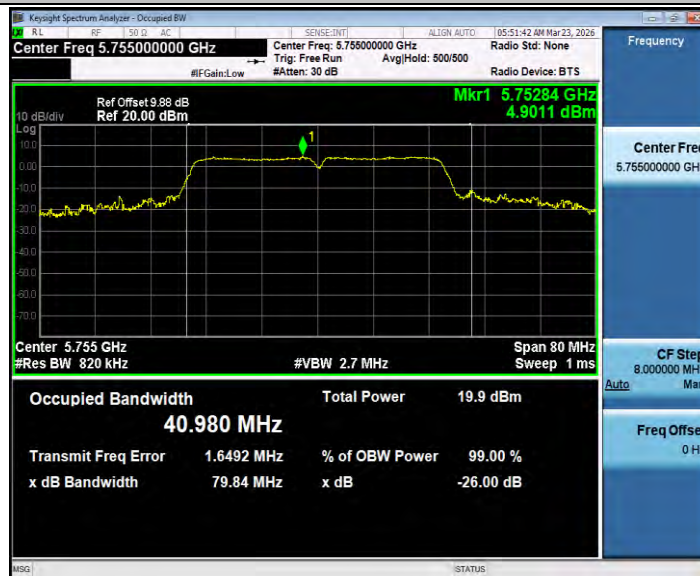
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



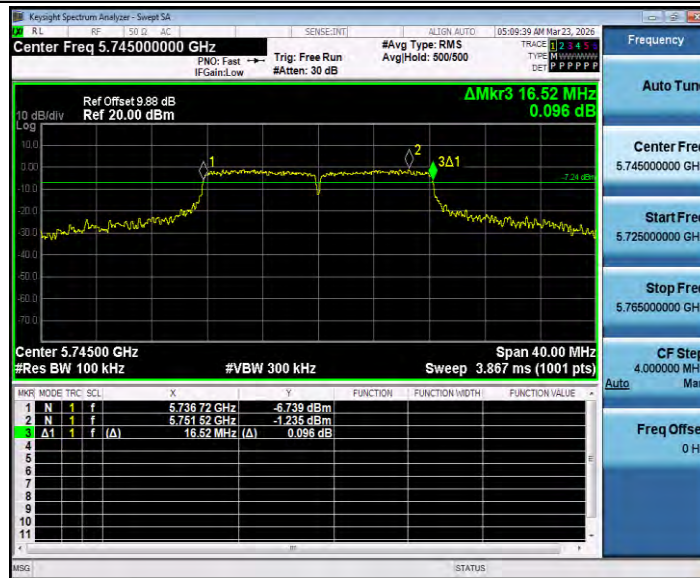
Appendix E.2: Min emission bandwidth

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	16.480	5776.760	5793.240	0.5	PASS
		5825	16.480	5816.760	5833.240	0.5	PASS
11N20SISO	Ant1	5745	17.720	5736.120	5753.840	0.5	PASS
		5785	17.680	5776.160	5793.840	0.5	PASS
		5825	17.680	5816.160	5833.840	0.5	PASS
11N40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.400	5776.840	5813.240	0.5	PASS
11AC20SISO	Ant1	5745	17.720	5736.160	5753.880	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	76.000	5737.080	5813.080	0.5	PASS

Test Graphs B4

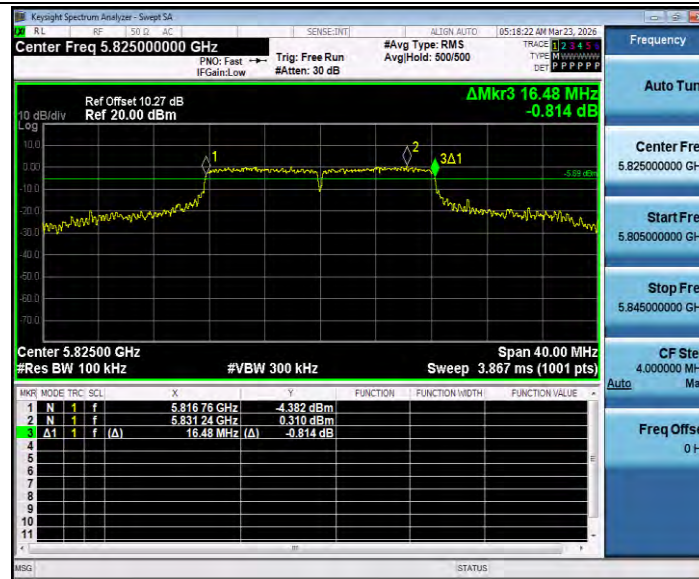
11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825

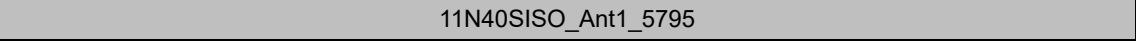
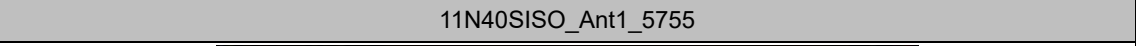


11N20SISO_Ant1_5745



11N20SISO_Ant1_5785







11AC20SISO_Ant1_5745



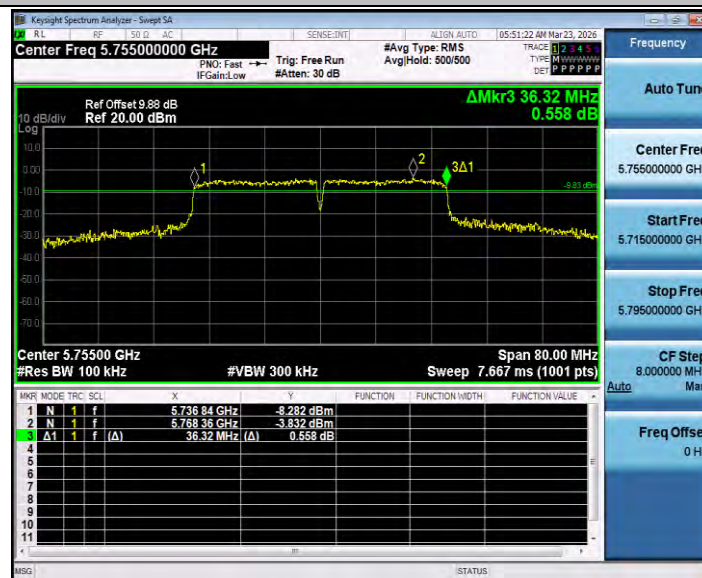
11AC20SISO_Ant1_5785



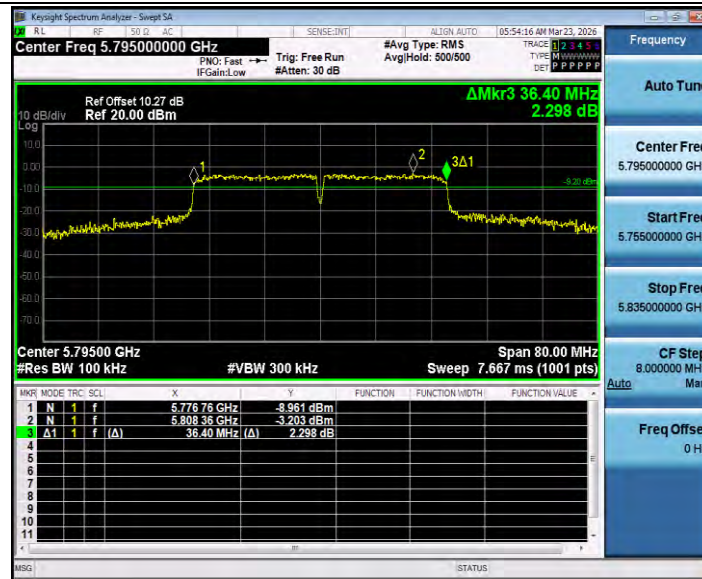
11AC20SISO_Ant1_5825



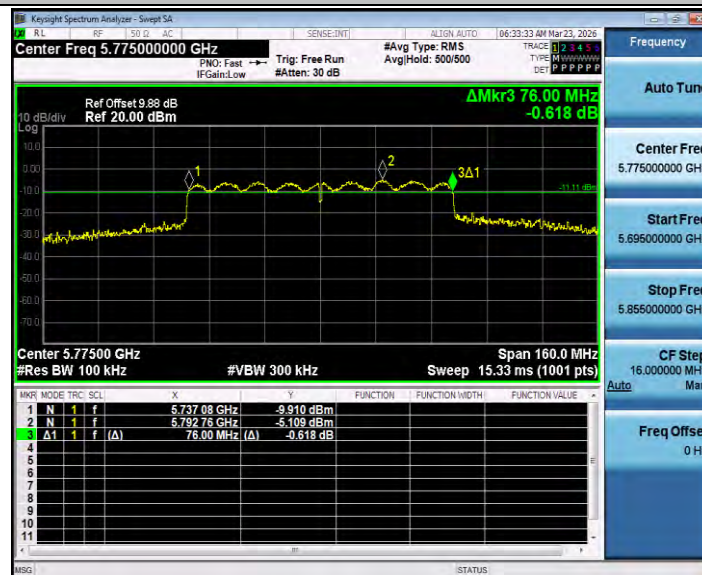
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



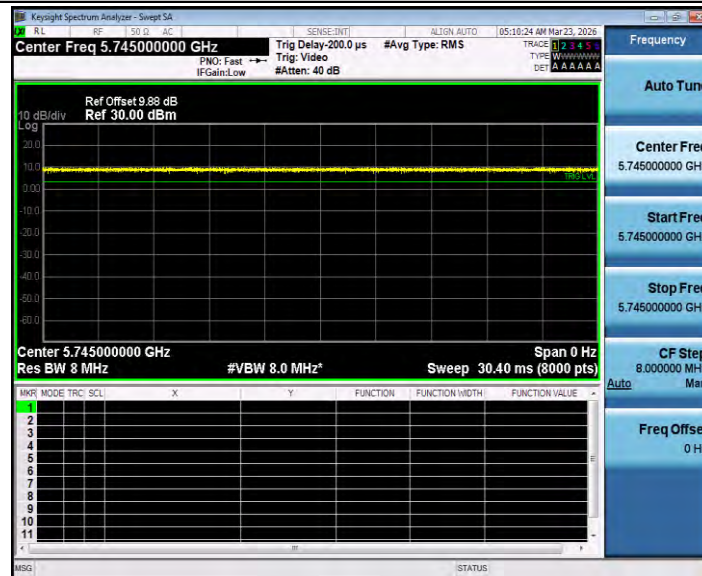
Appendix E.3: Duty Cycle

Test Result

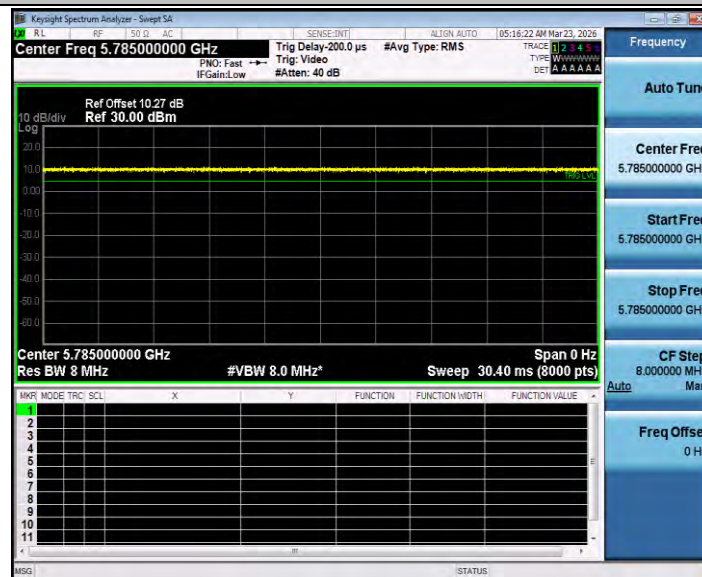
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	30.00	30.00	100.00	0.00	0.03
		5785	30.00	30.00	100.00	0.00	0.03
		5825	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant1	5745	30.00	30.00	100.00	0.00	0.03
		5785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

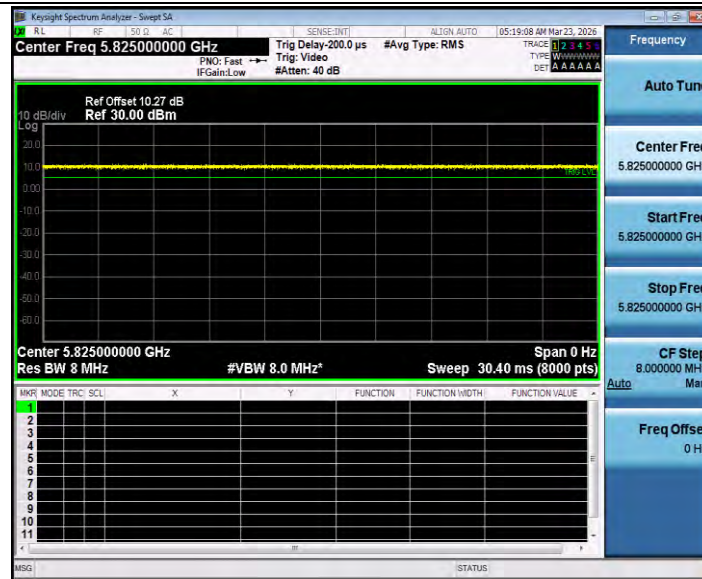
11A_Ant1_5745



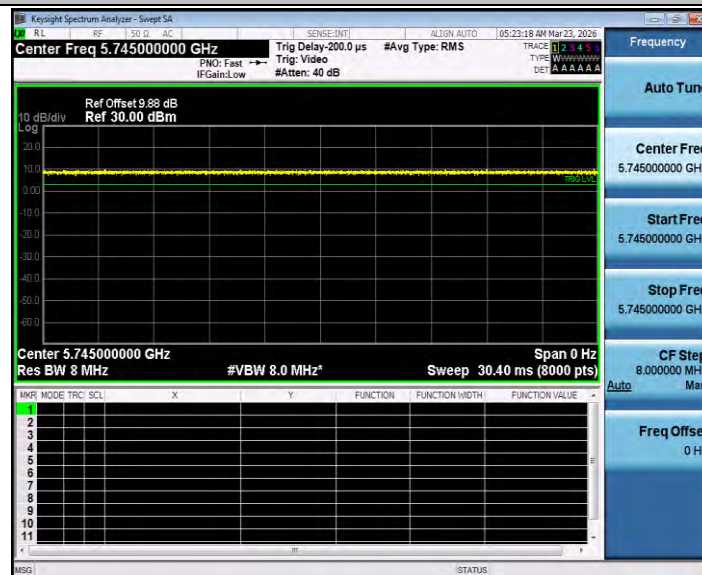
11A_Ant1_5785



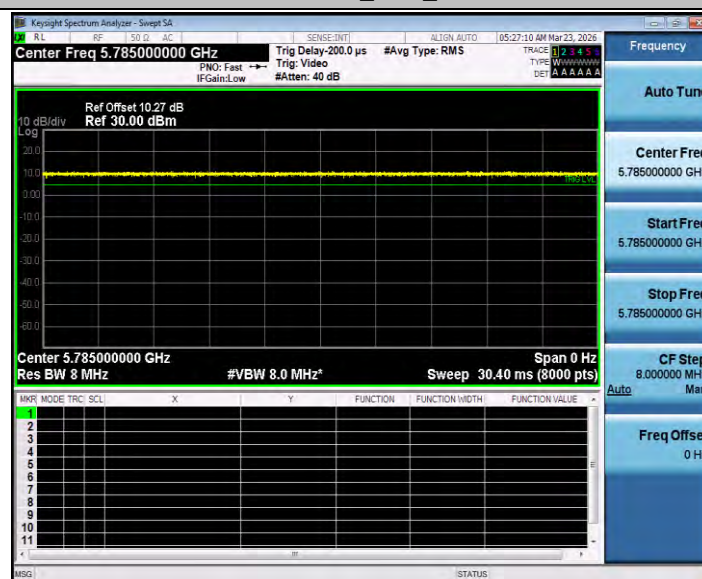
11A_Ant1_5825



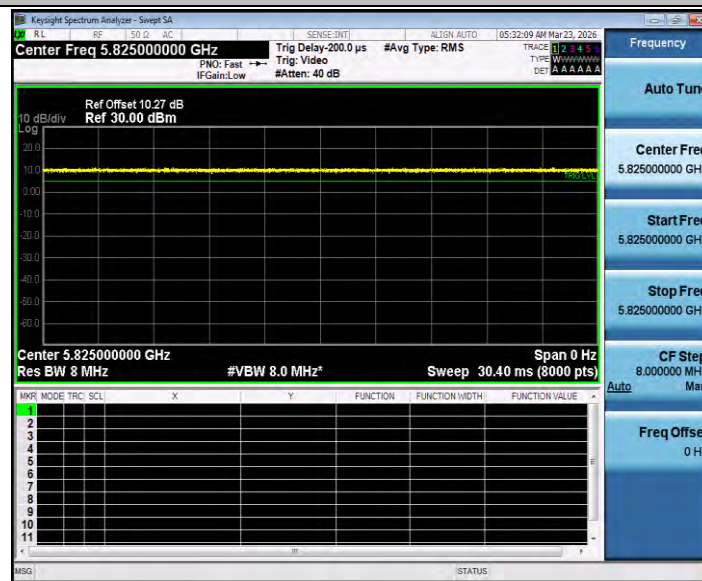
11N20SISO_Ant1_5745



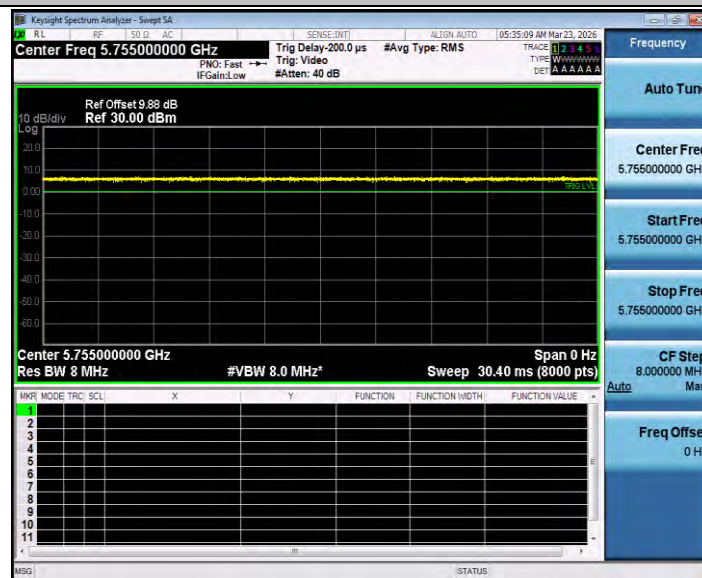
11N20SISO_Ant1_5785



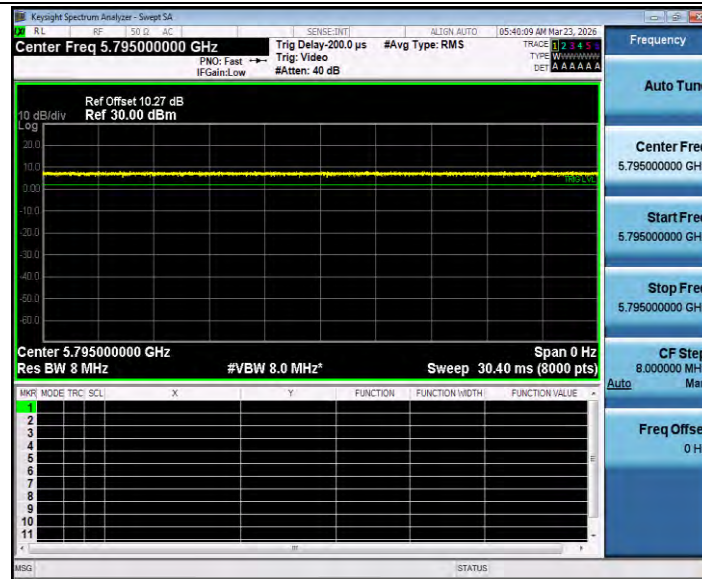
11N20SISO_Ant1_5825



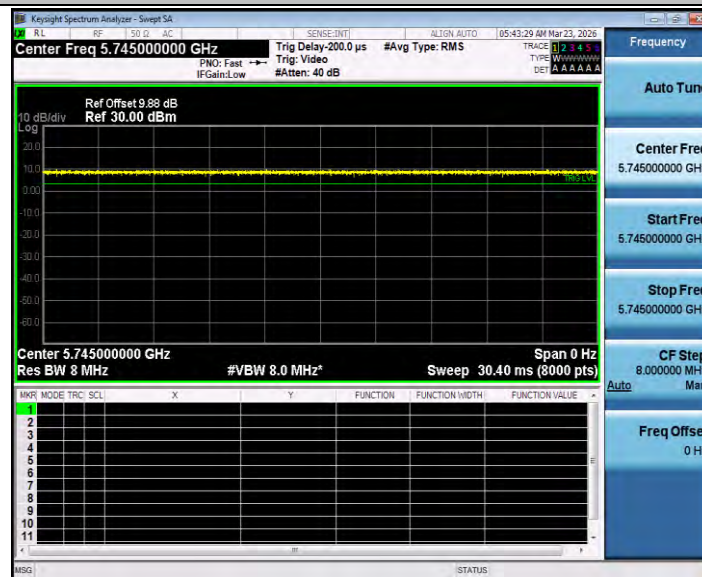
11N40SISO_Ant1_5755



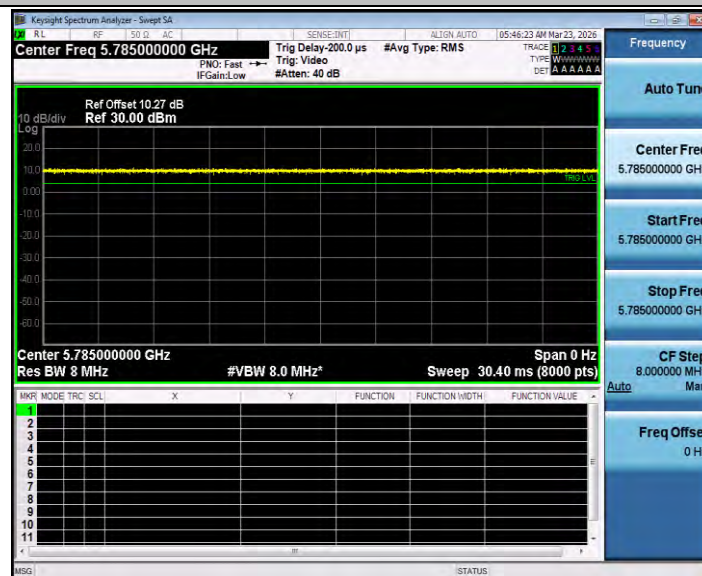
11N40SISO_Ant1_5795



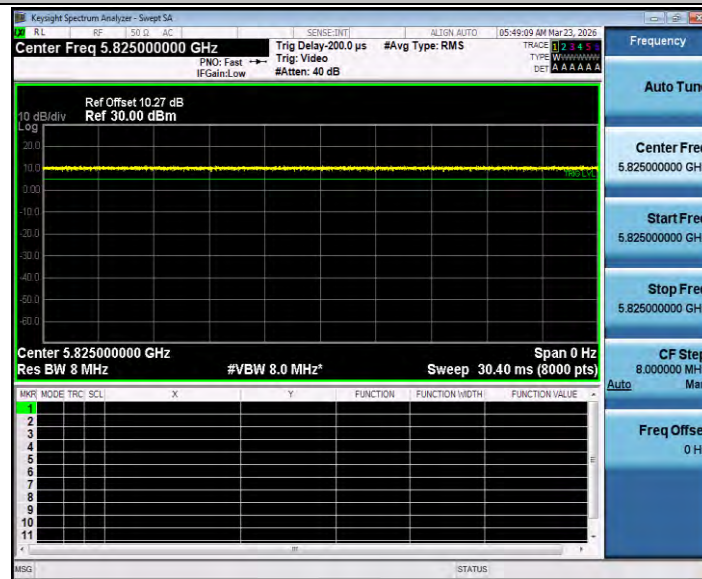
11AC20SISO_Ant1_5745



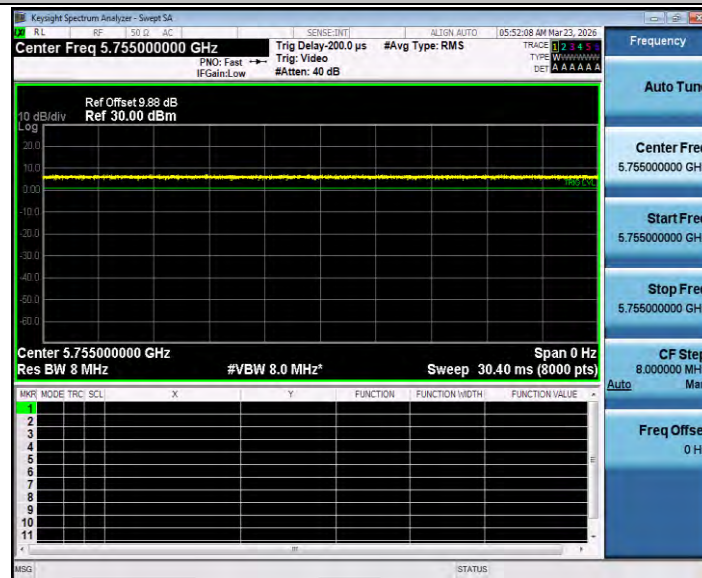
11AC20SISO_Ant1_5785



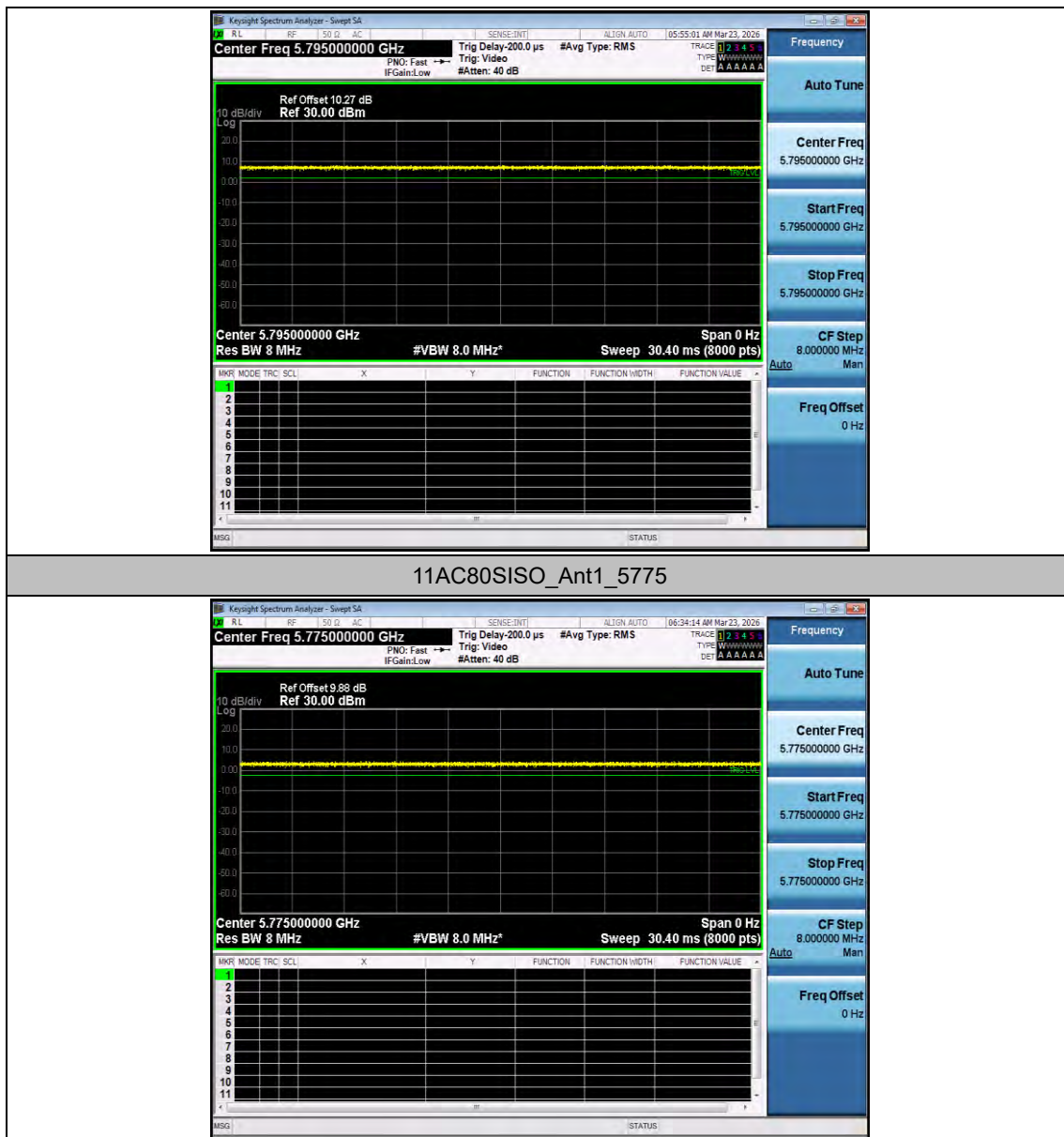
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



Appendix E.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	12.61	100.00	0.00	12.61	≤30.00	PASS
		5785	13.58	100.00	0.00	13.58	≤30.00	PASS
		5825	14.13	100.00	0.00	14.13	≤30.00	PASS
11N20SISO	Ant1	5745	12.58	100.00	0.00	12.58	≤30.00	PASS
		5785	13.63	100.00	0.00	13.63	≤30.00	PASS
		5825	14.16	100.00	0.00	14.16	≤30.00	PASS
11N40SISO	Ant1	5755	12.70	100.00	0.00	12.70	≤30.00	PASS
		5795	13.85	100.00	0.00	13.85	≤30.00	PASS
11AC20SISO	Ant1	5745	12.64	100.00	0.00	12.64	≤30.00	PASS
		5785	13.74	100.00	0.00	13.74	≤30.00	PASS
		5825	14.09	100.00	0.00	14.09	≤30.00	PASS
11AC40SISO	Ant1	5755	12.67	100.00	0.00	12.67	≤30.00	PASS
		5795	13.78	100.00	0.00	13.78	≤30.00	PASS
11AC80SISO	Ant1	5775	13.50	100.00	0.00	13.50	≤30.00	PASS

Appendix E.5: Maximum power spectral density

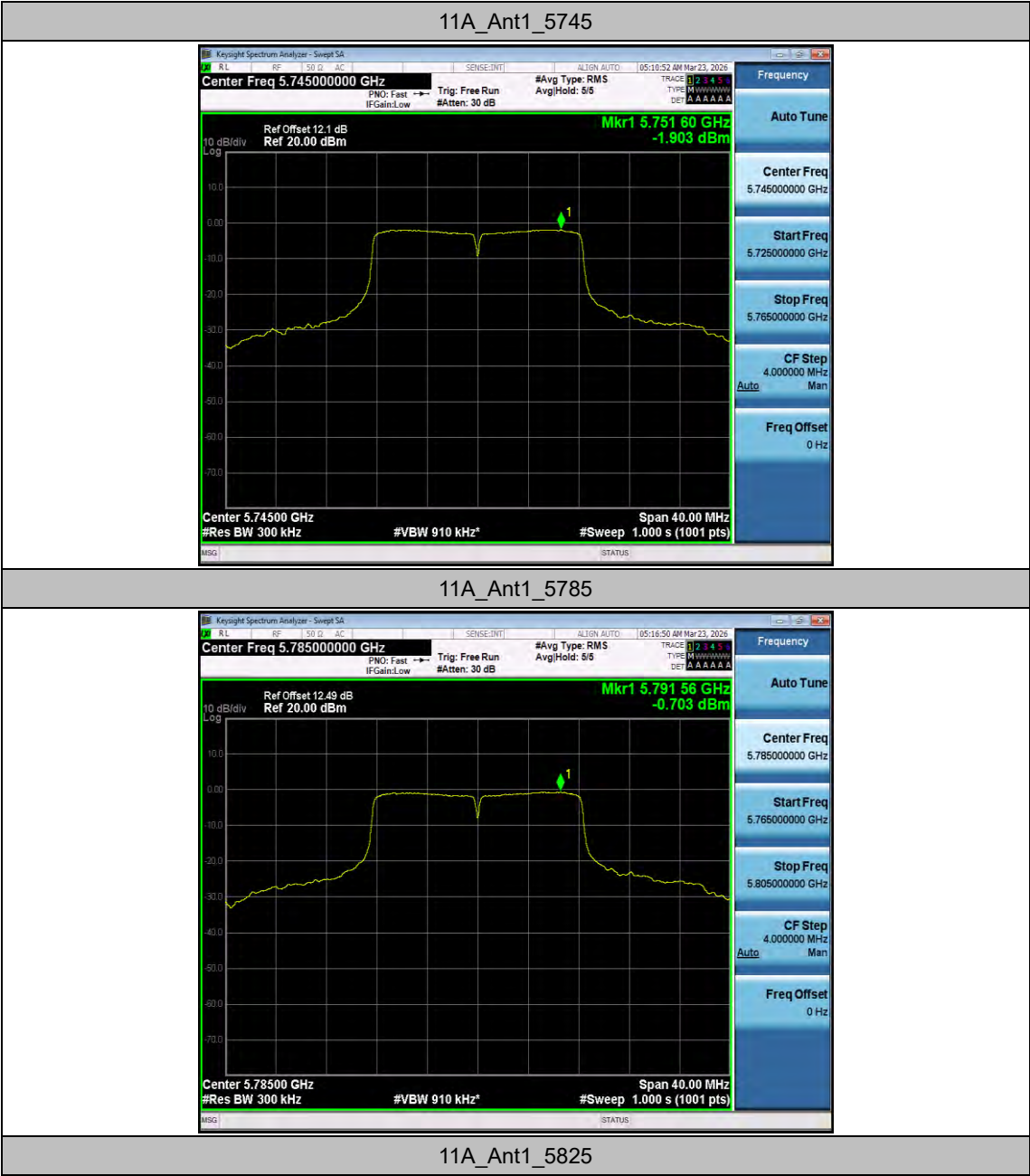
Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-1.90	≤30.00	PASS
		5785	-0.70	≤30.00	PASS
		5825	-0.36	≤30.00	PASS
11N20SISO	Ant1	5745	-2.06	≤30.00	PASS
		5785	-0.80	≤30.00	PASS
		5825	-0.60	≤30.00	PASS
11N40SISO	Ant1	5755	-4.79	≤30.00	PASS
		5795	-3.83	≤30.00	PASS
11AC20SISO	Ant1	5745	-2.06	≤30.00	PASS
		5785	-0.78	≤30.00	PASS
		5825	-0.45	≤30.00	PASS
11AC40SISO	Ant1	5755	-4.80	≤30.00	PASS
		5795	-3.87	≤30.00	PASS
11AC80SISO	Ant1	5775	-5.73	≤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 Factorand RBW Factoriscompensatedinthegraph.

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



11AC80SISO_Ant1_5775



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	-40.07	≤-26.27	PASS
				5700~5720	-26.61	≤14.89	PASS
				5720~5725	-20.87	≤20.54	PASS
				5760~5650	-39	≤-27	PASS
		High	5825	5850~5855	-24.01	≤15.73	PASS
				5855~5875	-25.01	≤14.71	PASS
				5875~5925	-38.95	≤-26.71	PASS
				5925~5935	-37.2	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-40.16	≤-26.79	PASS
				5700~5720	-23.78	≤15.56	PASS
				5720~5725	-16.99	≤22.11	PASS
				5760~5650	-39.62	≤-27	PASS
		High	5825	5850~5855	-25.57	≤16.03	PASS
				5855~5875	-25.12	≤14.59	PASS
				5875~5925	-37.99	≤-26.71	PASS
				5925~5935	-36.94	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-37.61	≤-26.40	PASS
				5700~5720	-20.7	≤14.37	PASS
				5720~5725	-16.95	≤19.43	PASS
				5780~5650	-39.34	≤-27	PASS
		High	5795	5850~5855	-27.75	≤16.03	PASS
				5855~5875	-32.8	≤11.50	PASS
				5875~5925	-37.85	≤-25.61	PASS
				5925~5935	-38.94	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-40.09	≤-26.96	PASS
				5700~5720	-23.96	≤15.56	PASS
				5720~5725	-16.54	≤22.37	PASS
				5760~5650	-38.3	≤-27	PASS
		High	5825	5850~5855	-24.33	≤16.03	PASS
				5855~5875	-24	≤14.71	PASS
				5875~5925	-39.47	≤-26.81	PASS
				5925~5935	-37.86	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-39.93	≤-26.20	PASS
				5700~5720	-18.9	≤15.35	PASS
				5720~5725	-19.18	≤16.97	PASS
				5780~5650	-39.5	≤-27	PASS

		High	5795	5850~5855	-28.7	≤ 16.03	PASS
				5855~5875	-32.45	≤ 10.76	PASS
				5875~5925	-40.24	≤ -26.95	PASS
				5925~5935	-38.52	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-33.75	≤ -26.91	PASS
				5700~5720	-20.22	≤ 11.22	PASS
				5720~5725	-19.94	≤ 15.65	PASS
				5800~5650	-34.04	≤ -27	PASS
		High	5775	5850~5855	-19.43	≤ 16.26	PASS
				5855~5875	-20.22	≤ 11.74	PASS
				5875~5925	-36.9	≤ -26.32	PASS
				5925~5935	-36.1	≤ -27	PASS

Test GraphsB4

11A_Ant1_Low_5745



11A_Ant1_High_5825



11N20SISO_Ant1_Low_5745



11N20SISO_Ant1_High_5825



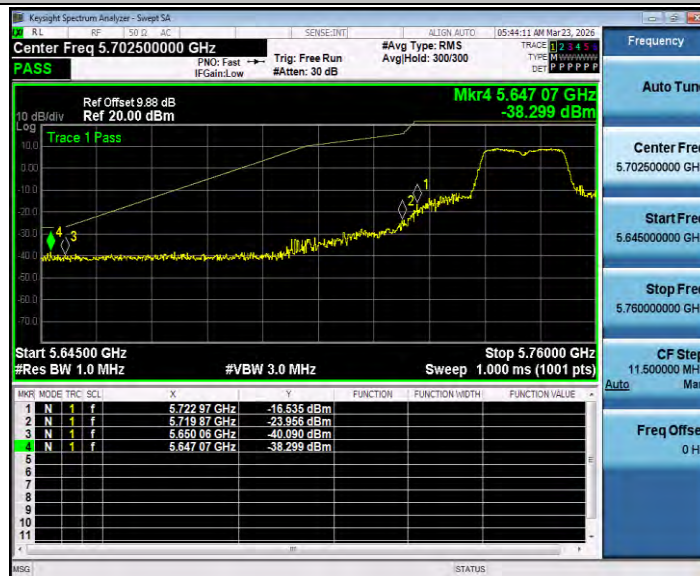
11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



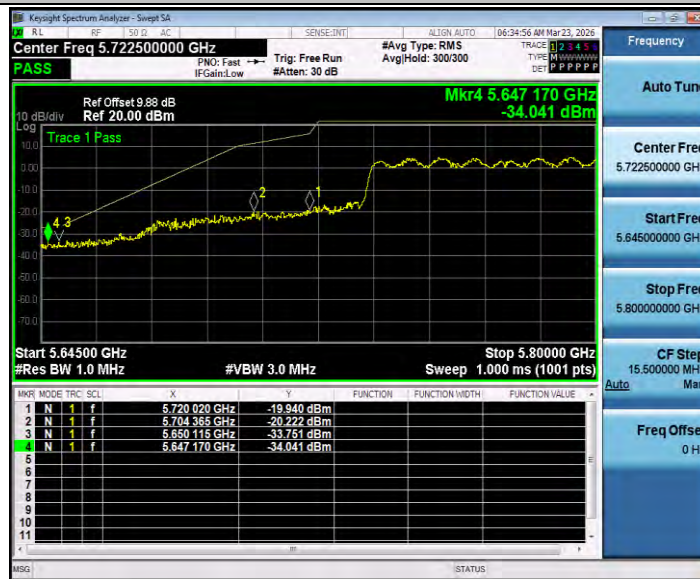
11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795



11AC80SISO_Ant1_Low_5775



11AC80SISO_Ant1_High_5775



Appendix E.7:Conducted Spurious Emission

Test Result

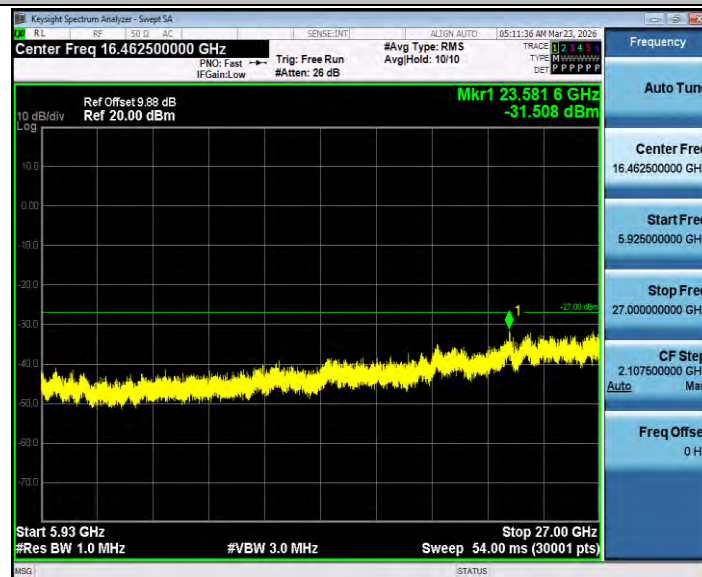
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	5374.25	-40.55	≤-27	PASS
			5925~27000	23581.64	-31.51	≤-27	PASS
		5785	30~5650	2677.77	-40.54	≤-27	PASS
			5925~27000	23651.89	-31.43	≤-27	PASS
		5825	30~5650	3152.1	-40.1	≤-27	PASS
			5925~27000	26444.32	-31.16	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	4858.14	-40.73	≤-27	PASS
			5925~27000	25157.34	-31.8	≤-27	PASS
		5785	30~5650	4885.12	-40.4	≤-27	PASS
			5925~27000	24263.76	-31.43	≤-27	PASS
		5825	30~5650	5435.32	-40.02	≤-27	PASS
			5925~27000	26098.69	-31.4	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	2615.57	-40.84	≤-27	PASS
			5925~27000	25014.74	-31.84	≤-27	PASS
		5795	30~5650	5486.08	-40.17	≤-27	PASS
			5925~27000	24317.15	-31.17	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5517.74	-40.58	≤-27	PASS
			5925~27000	24218.1	-31.62	≤-27	PASS
		5785	30~5650	5419.39	-40.46	≤-27	PASS
			5925~27000	23449.57	-31.44	≤-27	PASS
		5825	30~5650	5390.73	-39.15	≤-27	PASS
			5925~27000	25255.69	-30.51	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5476.34	-40.69	≤-27	PASS
			5925~27000	24286.95	-31.86	≤-27	PASS
		5795	30~5650	5466.23	-40.23	≤-27	PASS
			5925~27000	24293.97	-31.74	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5649.06	-35.22	≤-27	PASS
			5925~27000	24259.55	-31.81	≤-27	PASS

Test Graphs

11A_Ant1_5745_30~5650



11A_Ant1_5745_5925~27000



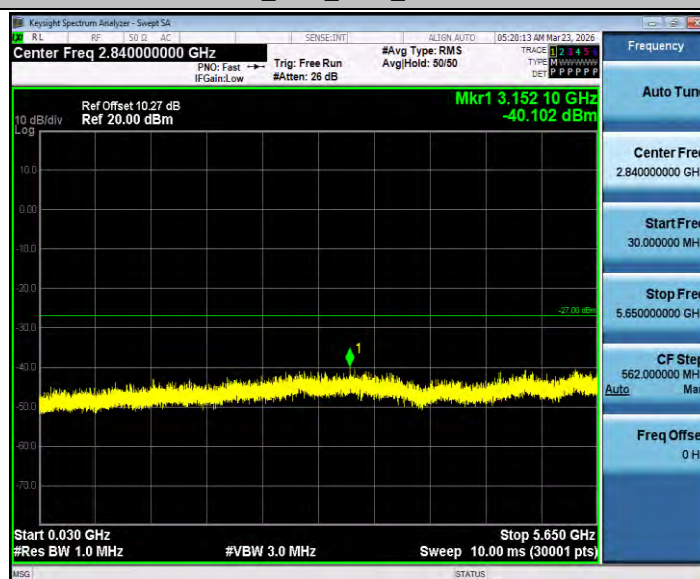
11A_Ant1_5785_30~5650



11A_Ant1_5785_5925~27000



11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~27000



11N20SISO_Ant1_5745_30~5650



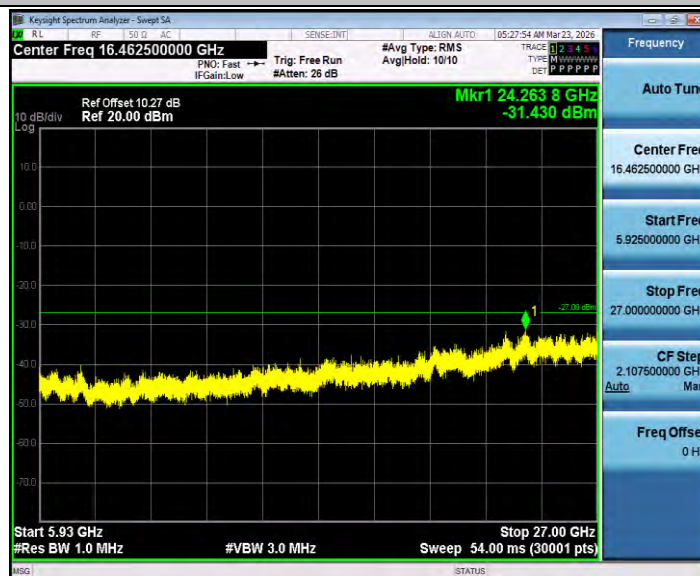
11N20SISO_Ant1_5745_5925~27000



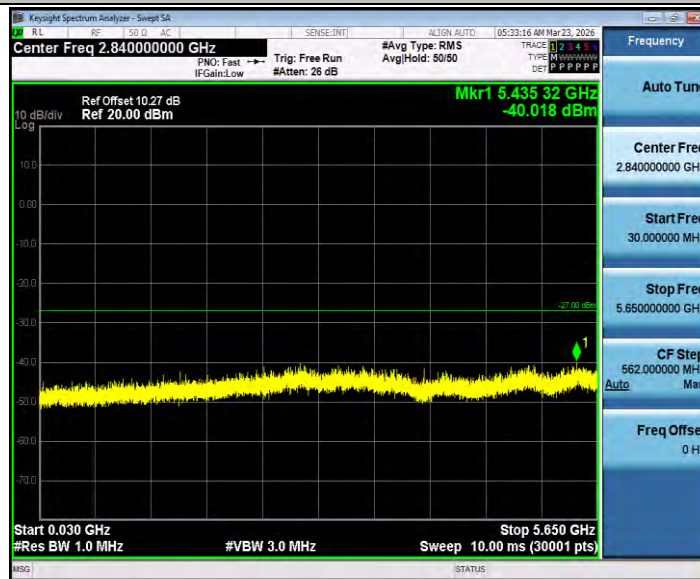
11N20SISO_Ant1_5785_30~5650



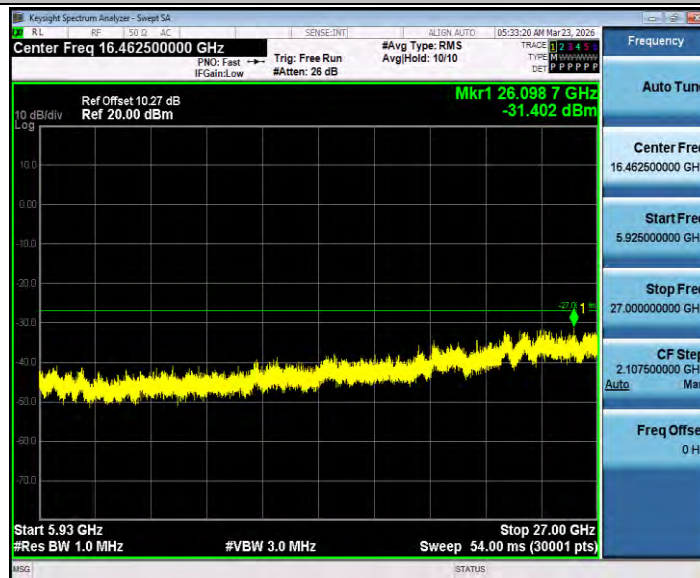
11N20SISO_Ant1_5785_5925~27000



11N20SISO_Ant1_5825_30~5650



11N20SISO_Ant1_5825_5925~27000



11N40SISO_Ant1_5755_30~5650



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11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~27000



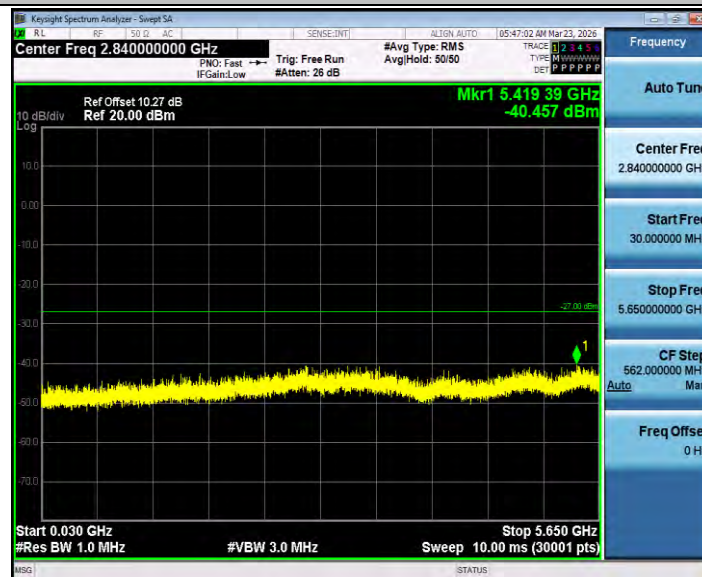
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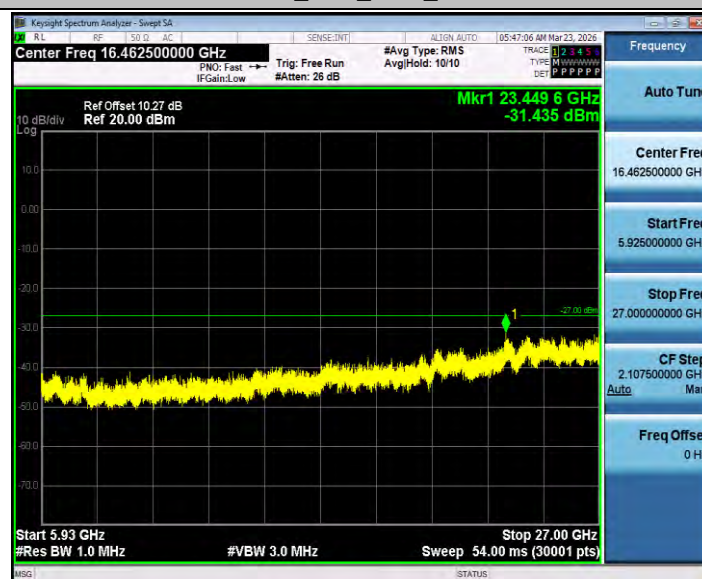
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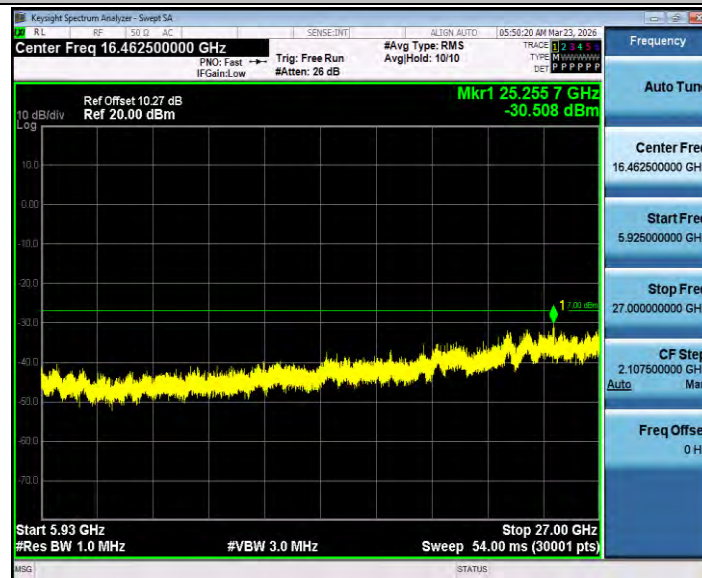
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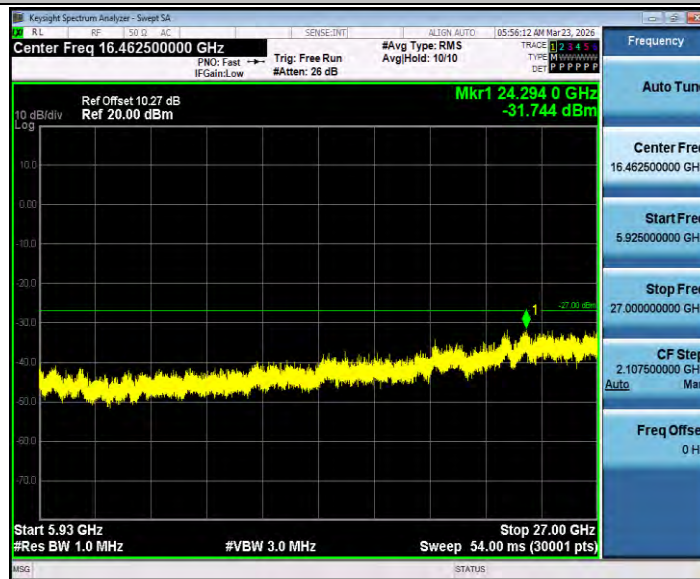
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11AC80SISO_Ant1_5775_5925~27000

