

Case No. : <u>GTS20260113019-1-12</u>
Ambient Condition: <u>22</u> °C, <u>54</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.1.17-2026.3.4</u> Test Engineer: <u>Evan ouyang</u>

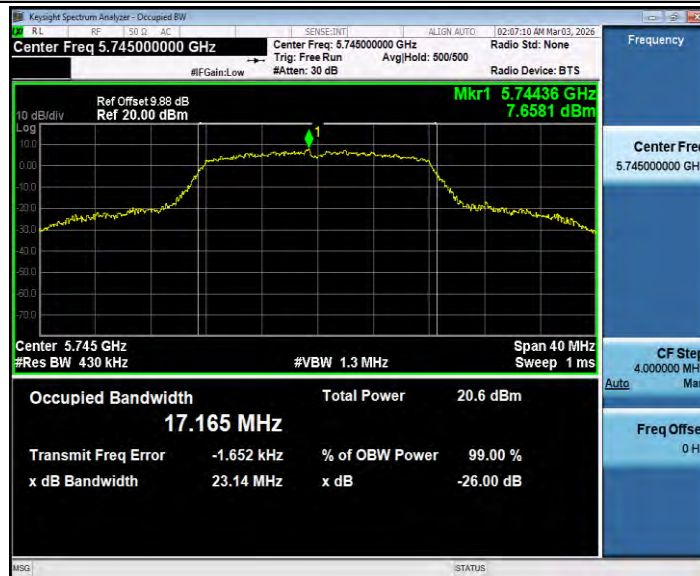
Appendix E.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	17.165	5736.4159	5753.5809	---	---
		5785	17.162	5776.3938	5793.5558	---	---
		5825	17.197	5816.3482	5833.5452	---	---
11N20SISO	Ant2	5745	17.703	5736.1685	5753.8715	---	---
		5785	17.711	5776.1721	5793.8831	---	---
		5825	17.735	5816.1311	5833.8661	---	---
11N40SISO	Ant2	5755	36.128	5736.9775	5773.1055	---	---
		5795	36.192	5776.9579	5813.1499	---	---
11AC20SISO	Ant2	5745	17.771	5736.1394	5753.9104	---	---
		5785	17.781	5776.1339	5793.9149	---	---
		5825	17.775	5816.1180	5833.8930	---	---
11AC40SISO	Ant2	5755	36.264	5736.9411	5773.2051	---	---
		5795	36.266	5776.9277	5813.1937	---	---
11AC80SISO	Ant2	5775	76.213	5737.0818	5813.2948	---	---

Test Graphs

11A_Ant2_5745



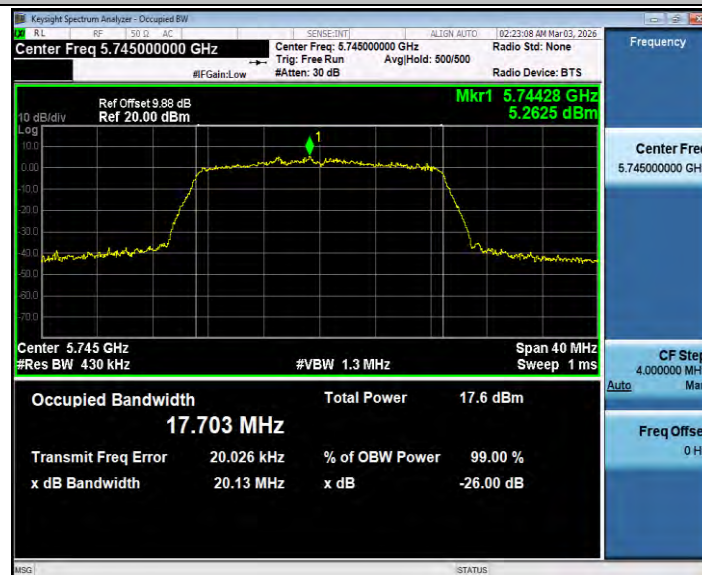
11A_Ant2_5785



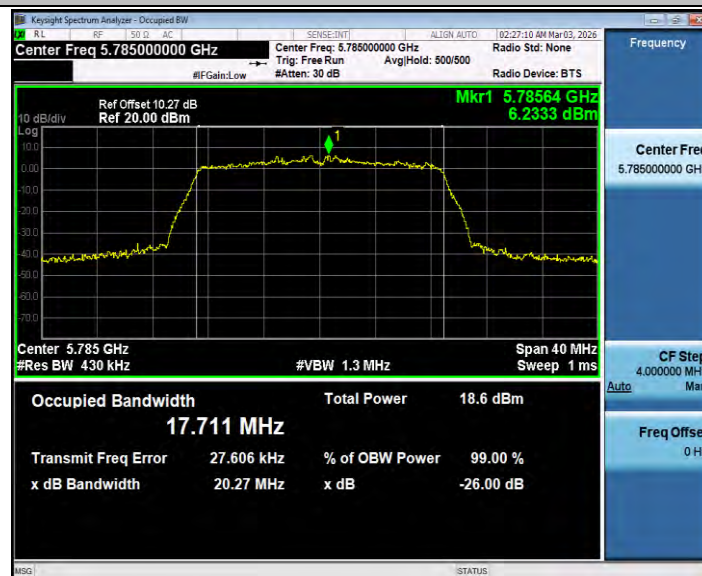
11A_Ant2_5825



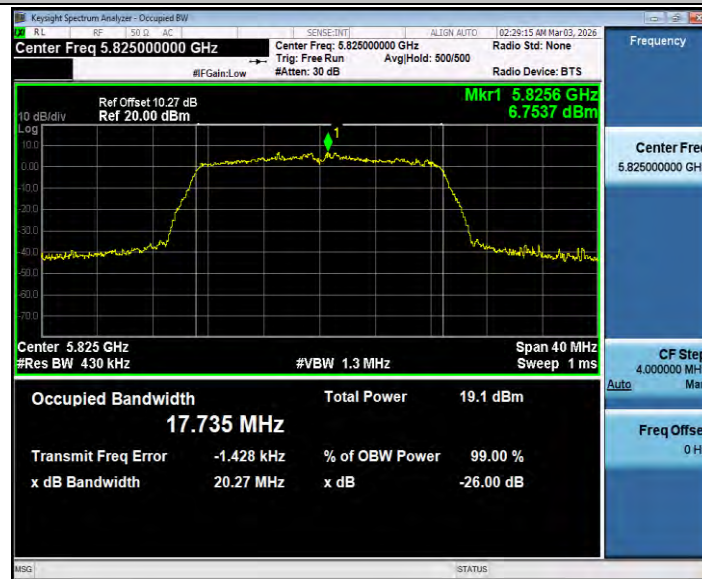
11N20SISO_Ant2_5745



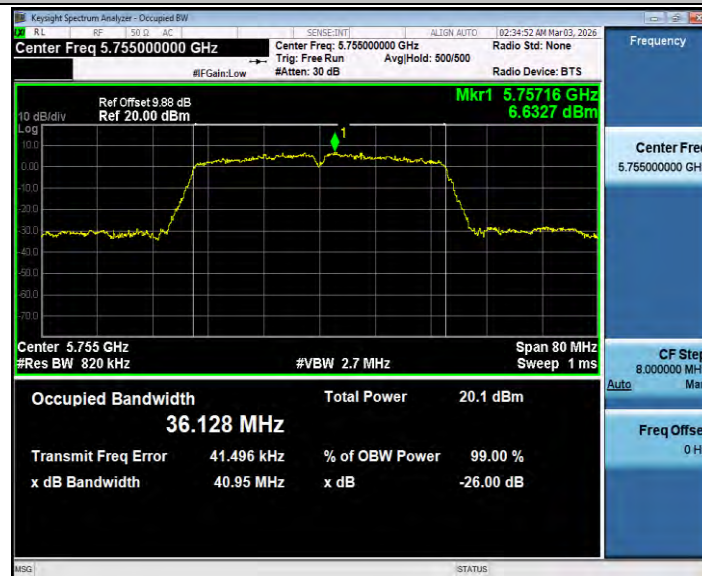
11N20SISO_Ant2_5785



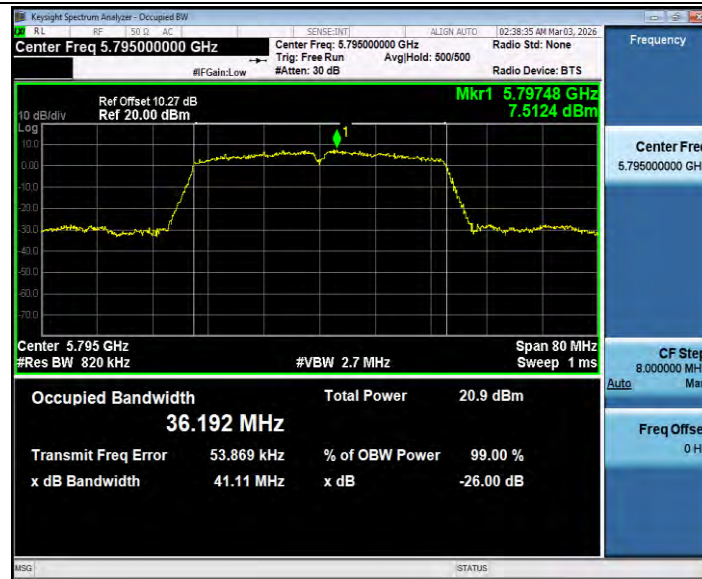
11N20SISO_Ant2_5825



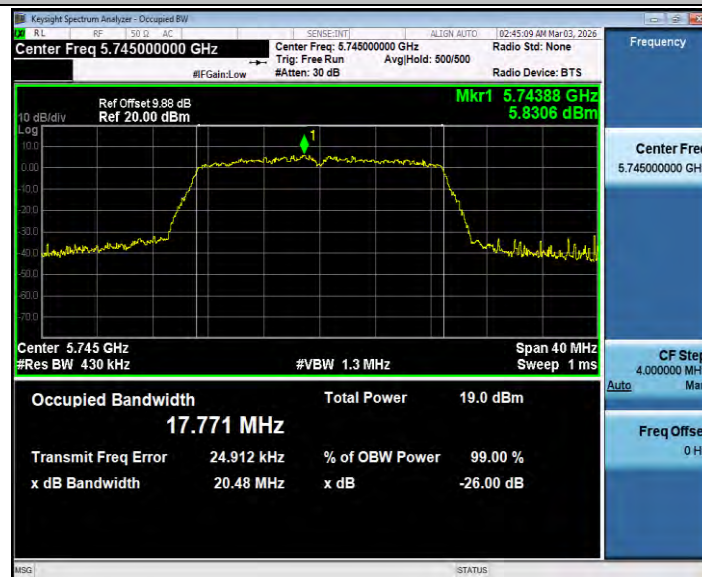
11N40SISO_Ant2_5755



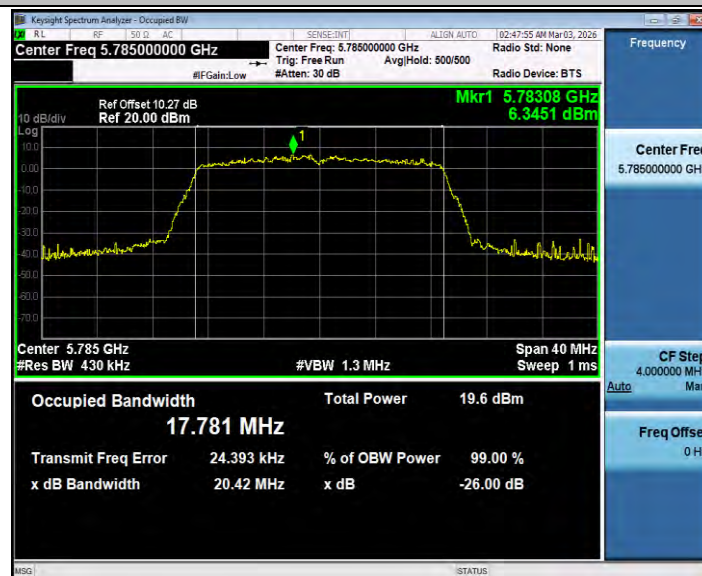
11N40SISO_Ant2_5795



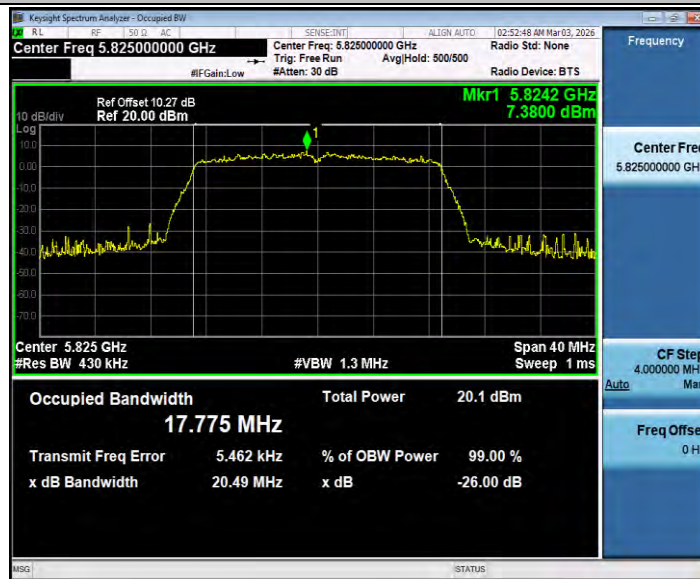
11AC20SISO_Ant2_5745



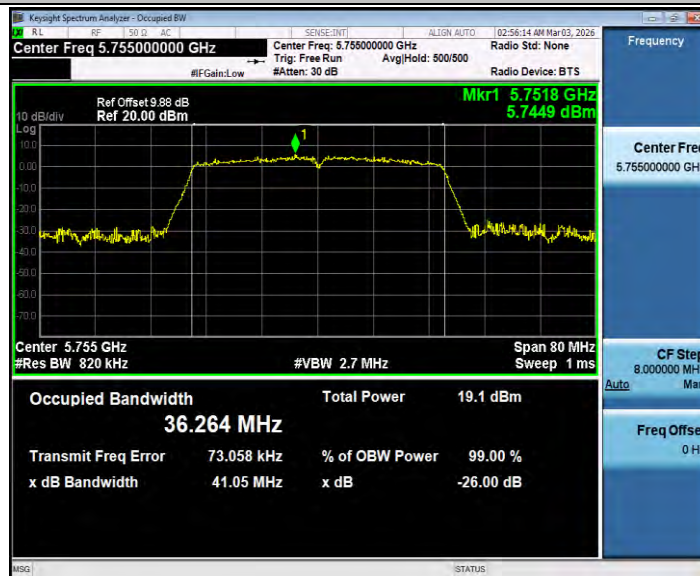
11AC20SISO_Ant2_5785



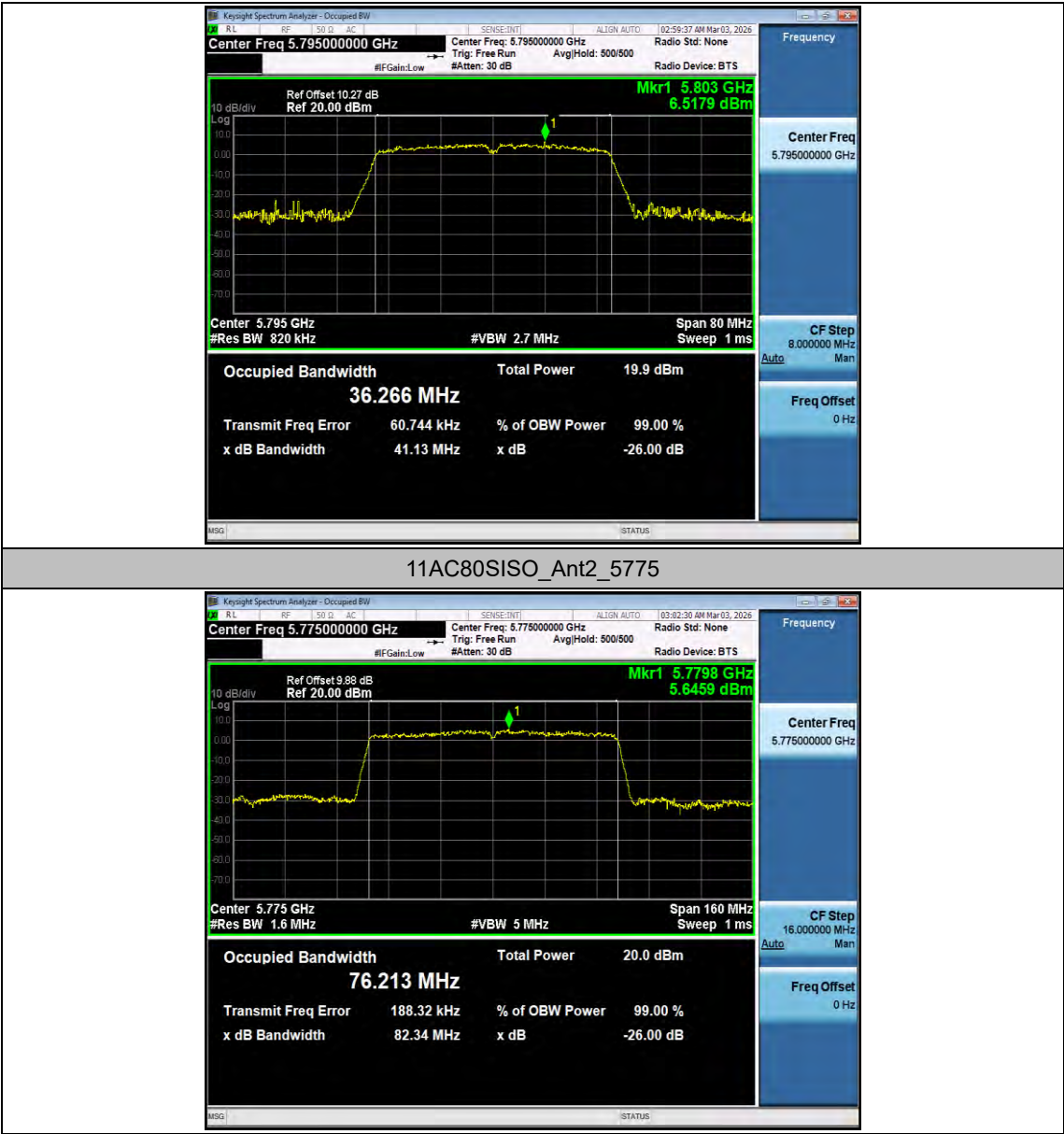
11AC20SISO_Ant2_5825



11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



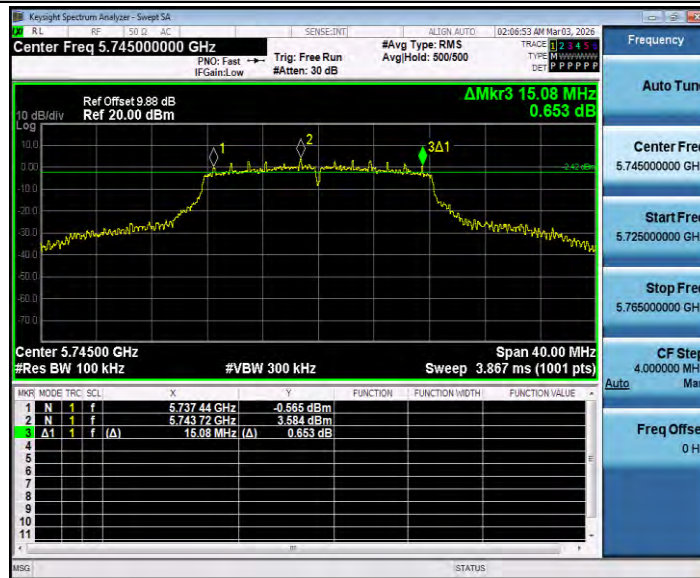
Appendix E.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	15.080	5737.440	5752.520	0.5	PASS
		5785	15.000	5777.520	5792.520	0.5	PASS
		5825	15.080	5817.440	5832.520	0.5	PASS
11N20SISO	Ant2	5745	16.000	5737.440	5753.440	0.5	PASS
		5785	16.800	5776.880	5793.680	0.5	PASS
		5825	16.920	5816.560	5833.480	0.5	PASS
11N40SISO	Ant2	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	35.120	5777.400	5812.520	0.5	PASS
11AC20SISO	Ant2	5745	16.800	5736.280	5753.080	0.5	PASS
		5785	16.880	5776.240	5793.120	0.5	PASS
		5825	16.920	5816.200	5833.120	0.5	PASS
11AC40SISO	Ant2	5755	35.280	5737.240	5772.520	0.5	PASS
		5795	35.360	5777.400	5812.760	0.5	PASS
11AC80SISO	Ant2	5775	76.320	5736.760	5813.080	0.5	PASS

Test Graphs B4

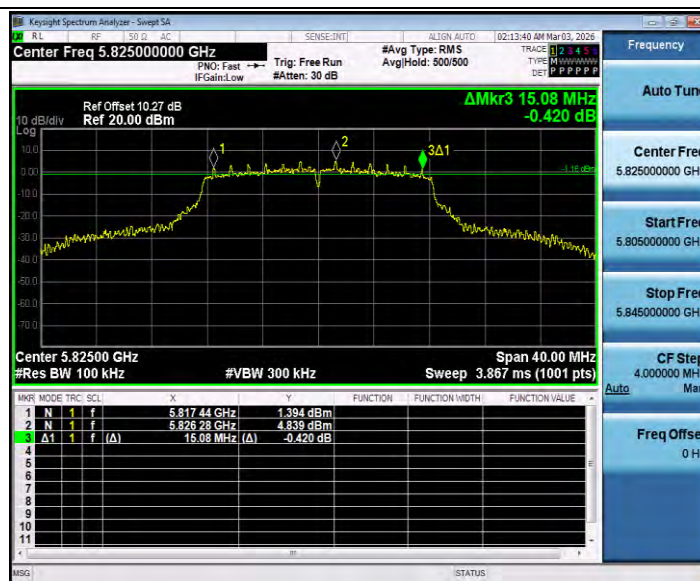
11A_Ant2_5745



11A_Ant2_5785



11A_Ant2_5825



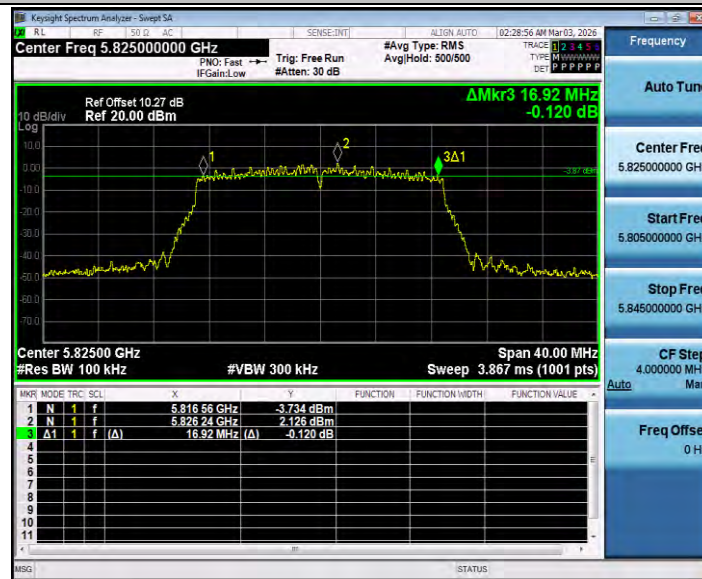
11N20SISO_Ant2_5745



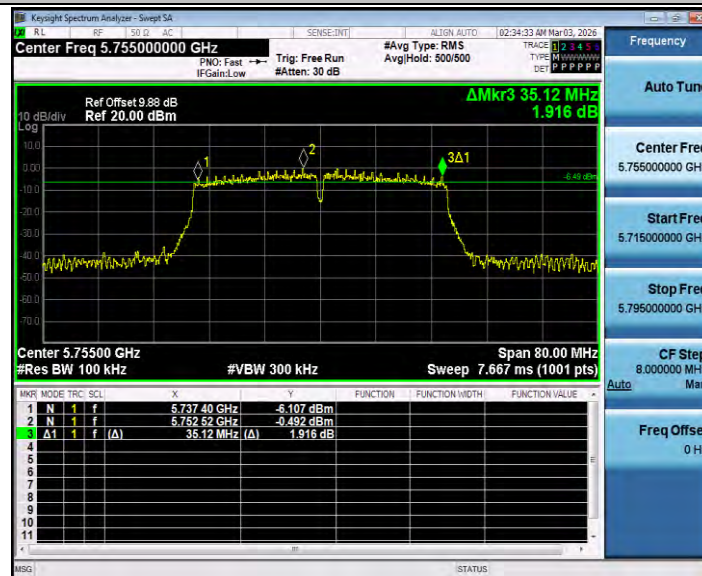
11N20SISO_Ant2_5785



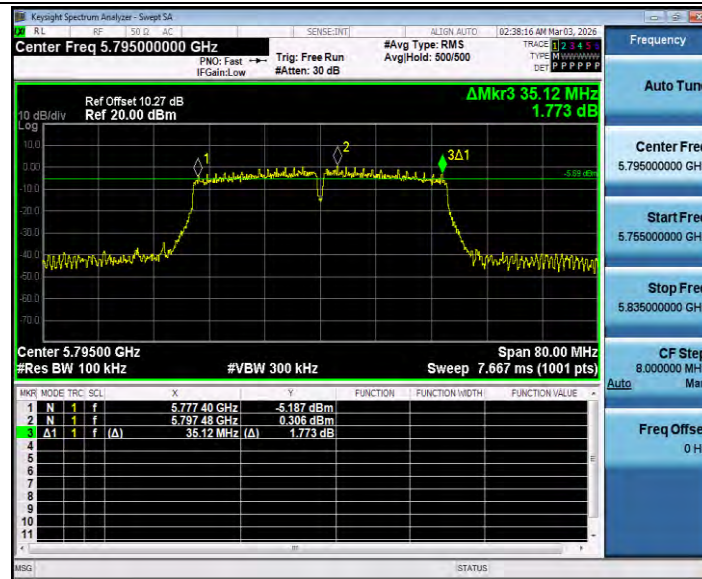
11N20SISO_Ant2_5825



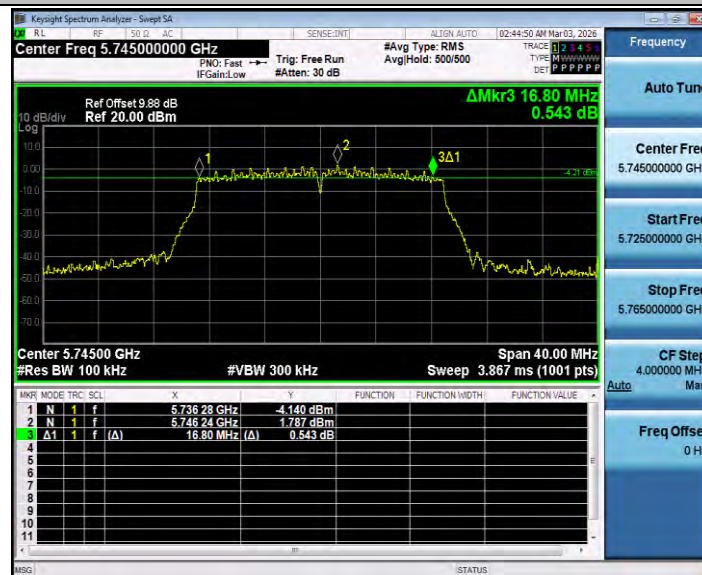
11N40SISO_Ant2_5755



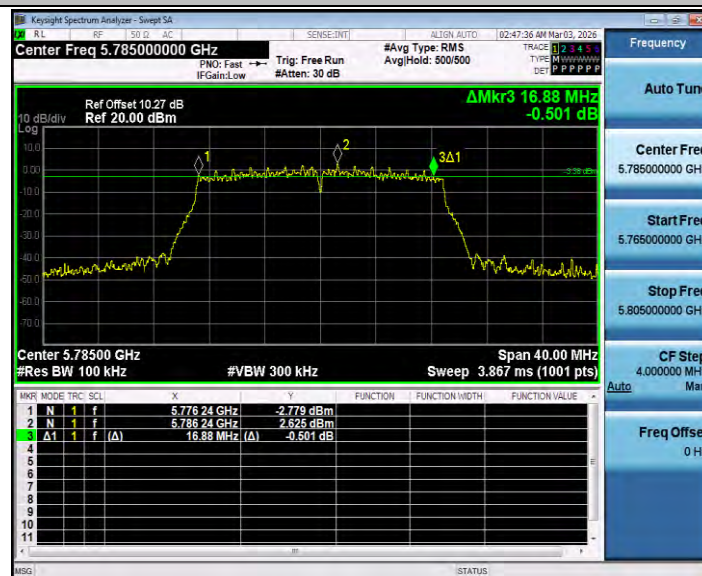
11N40SISO_Ant2_5795



11AC20SISO_Ant2_5745



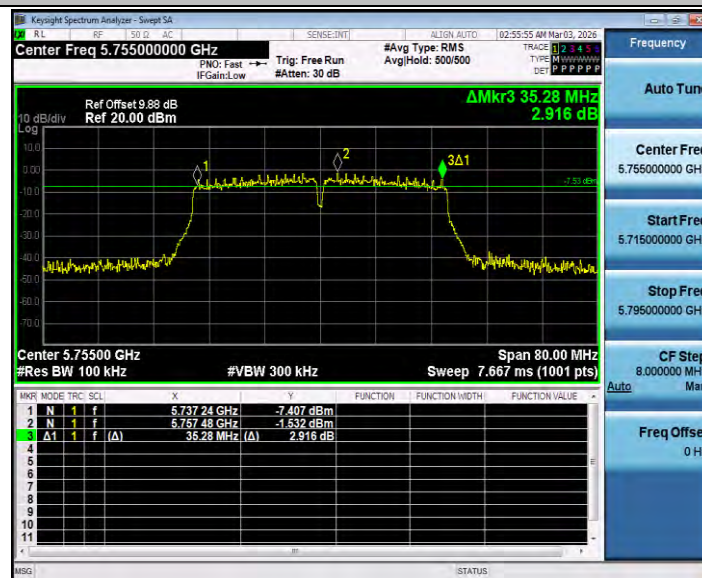
11AC20SISO_Ant2_5785



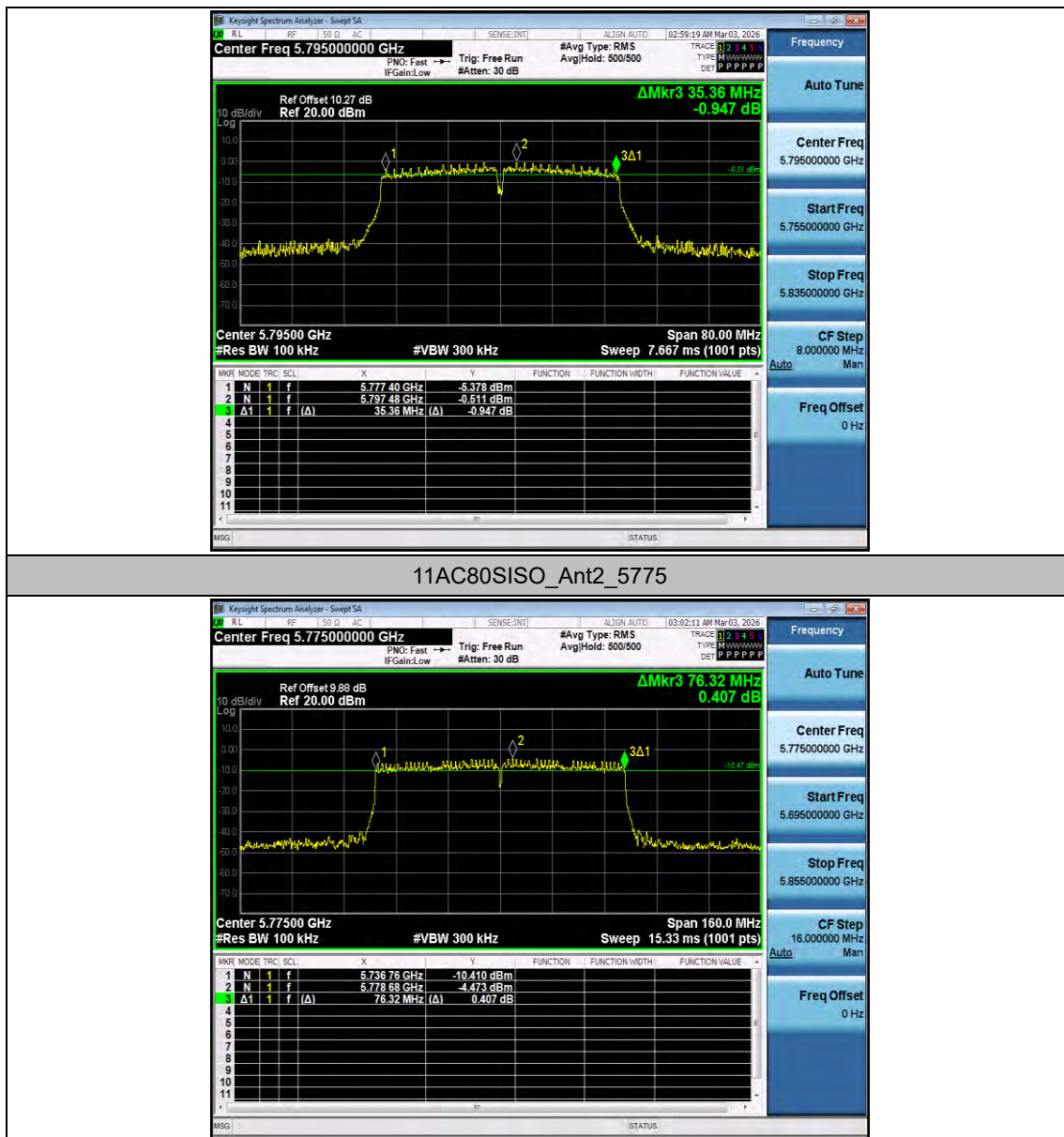
11AC20SISO_Ant2_5825



11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



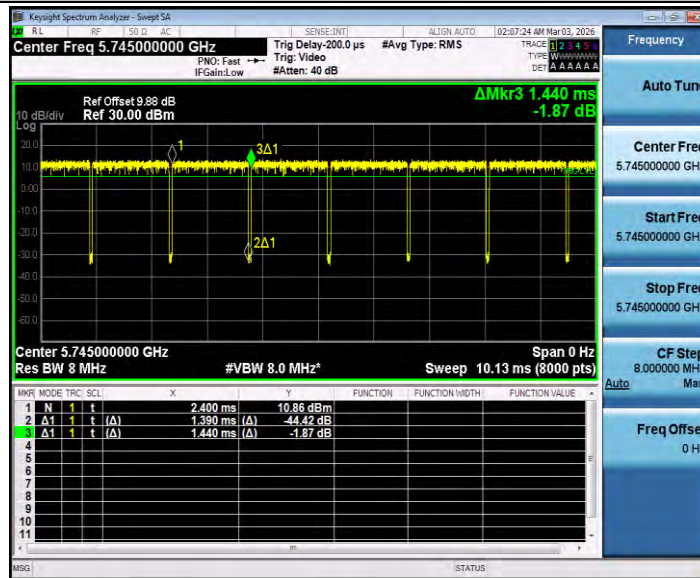
AppendixE.3: Duty Cycle

Test Result

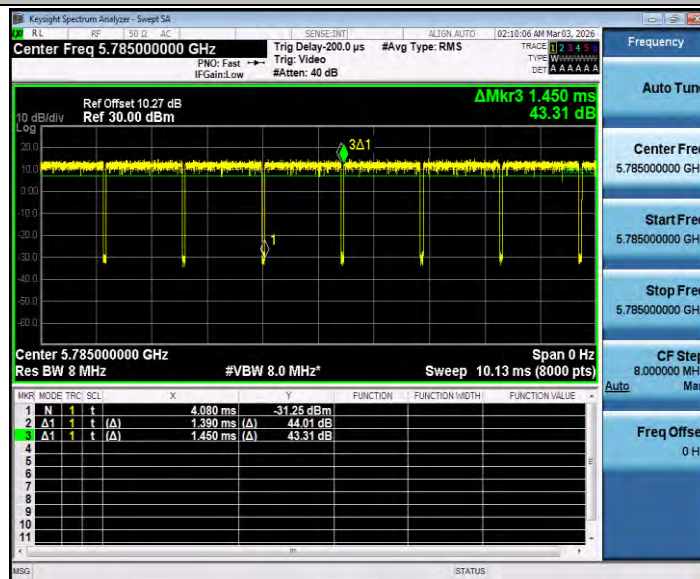
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant2	5745	1.39	1.44	96.53	0.15	0.72
		5785	1.39	1.45	95.86	0.18	0.72
		5825	1.39	1.44	96.53	0.15	0.72
11N20SISO	Ant2	5745	0.16	0.21	76.19	1.18	6.25
		5785	0.14	0.20	70.00	1.55	7.14
		5825	0.16	0.22	72.73	1.38	6.25
11N40SISO	Ant2	5755	0.09	0.15	60.00	2.22	11.11
		5795	0.10	0.15	66.67	1.76	10.00
11AC20SISO	Ant2	5745	0.14	0.20	70.00	1.55	7.14
		5785	0.14	0.20	70.00	1.55	7.14
		5825	0.15	0.20	75.00	1.25	6.67
11AC40SISO	Ant2	5755	0.09	0.15	60.00	2.22	11.11
		5795	0.09	0.14	64.29	1.92	11.11
11AC80SISO	Ant2	5775	0.06	0.11	54.55	2.63	16.67

Test Graphs

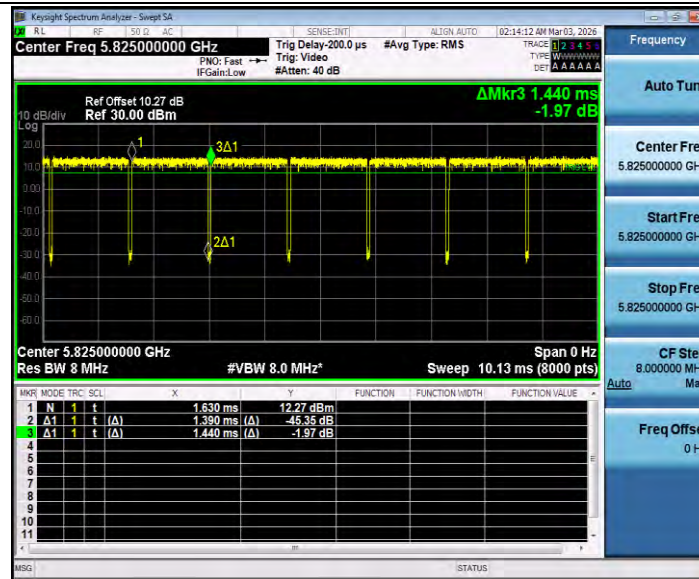
11A_Ant2_5745



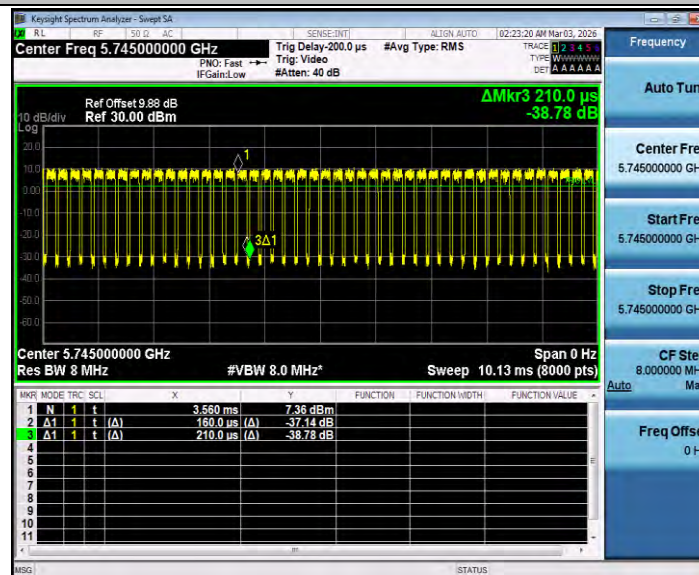
11A_Ant2_5785



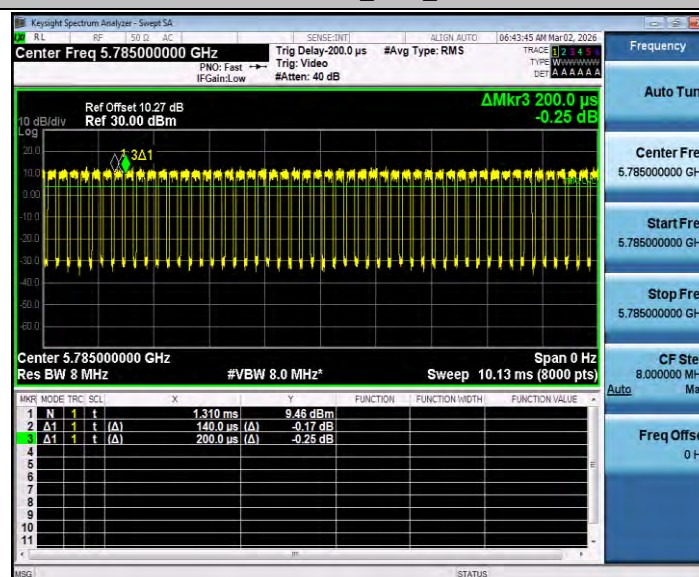
11A_Ant2_5825



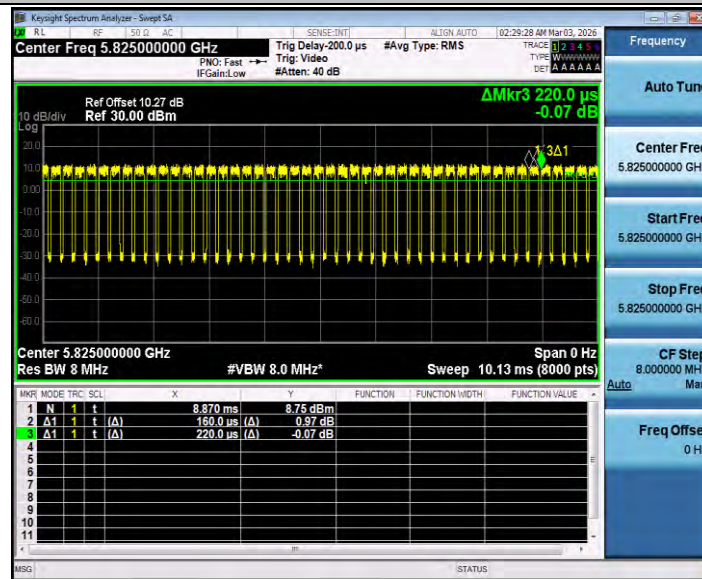
11N20SISO_Ant2_5745



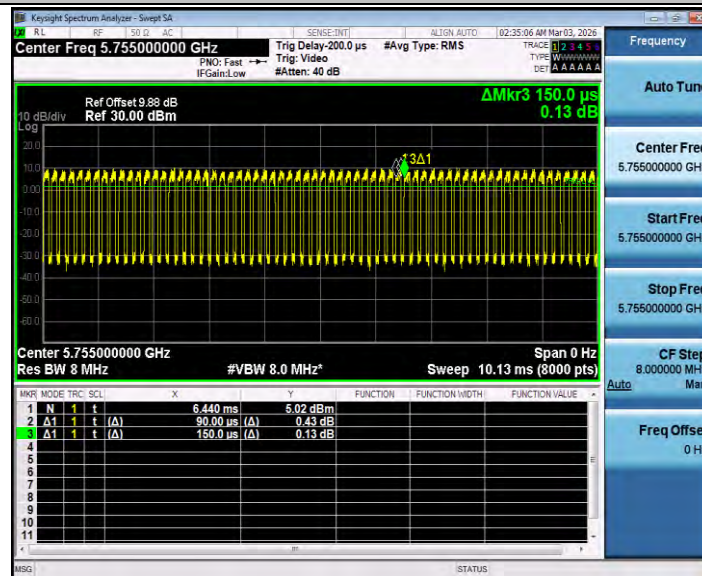
11N20SISO_Ant2_5785



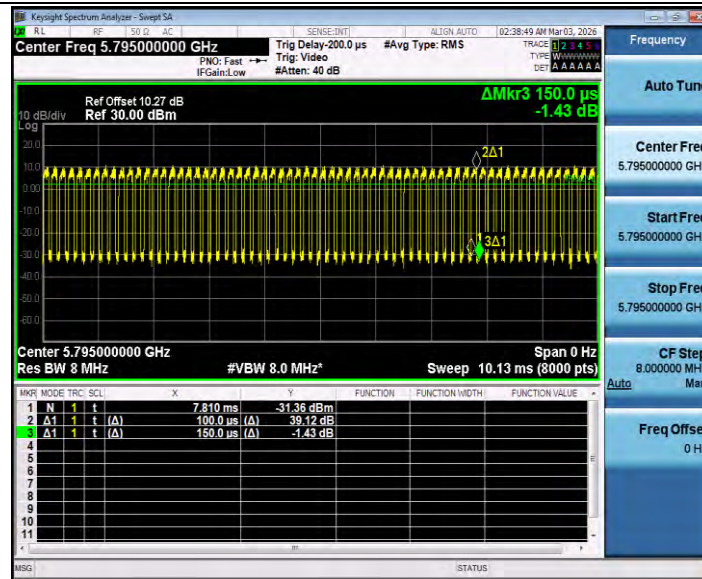
11N20SISO_Ant2_5825



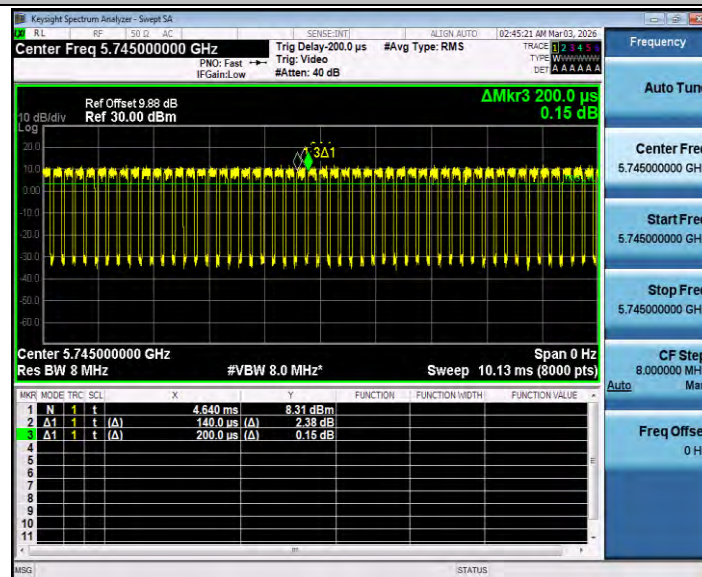
11N40SISO_Ant2_5755



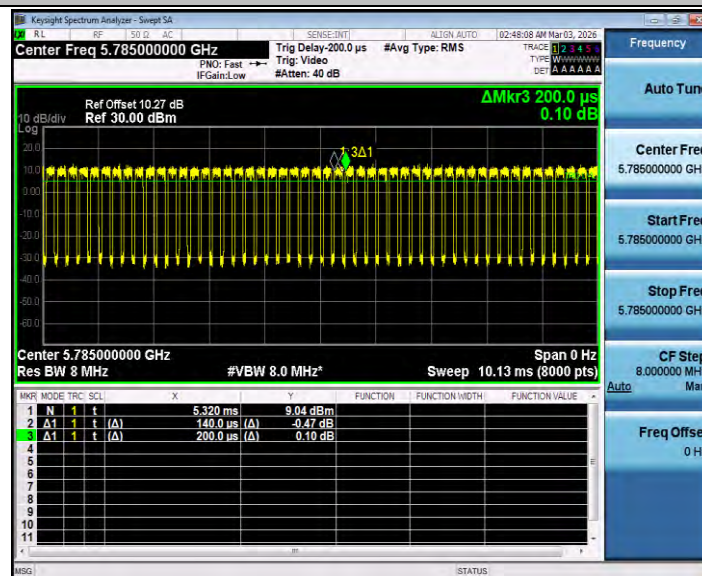
11N40SISO_Ant2_5795

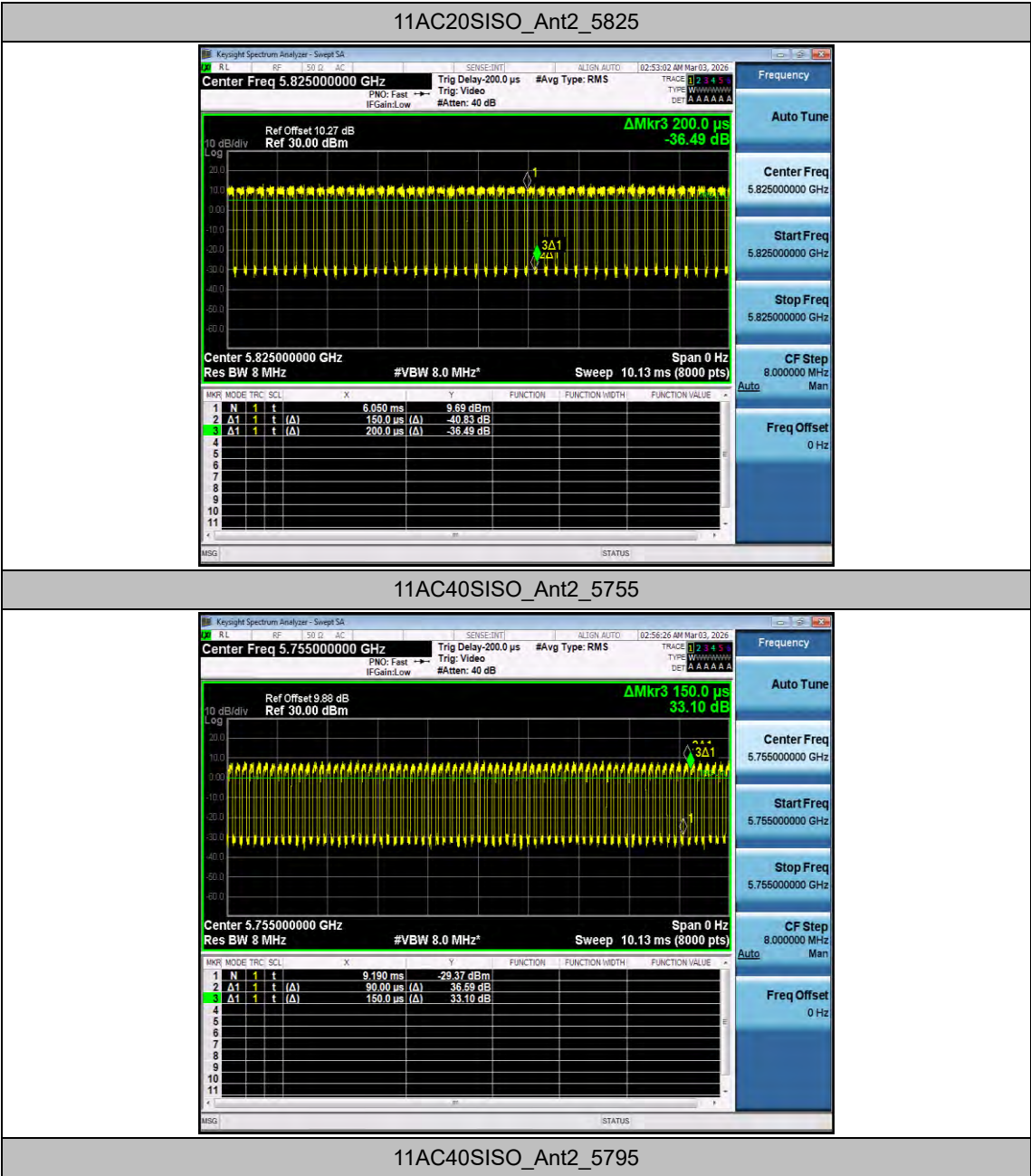


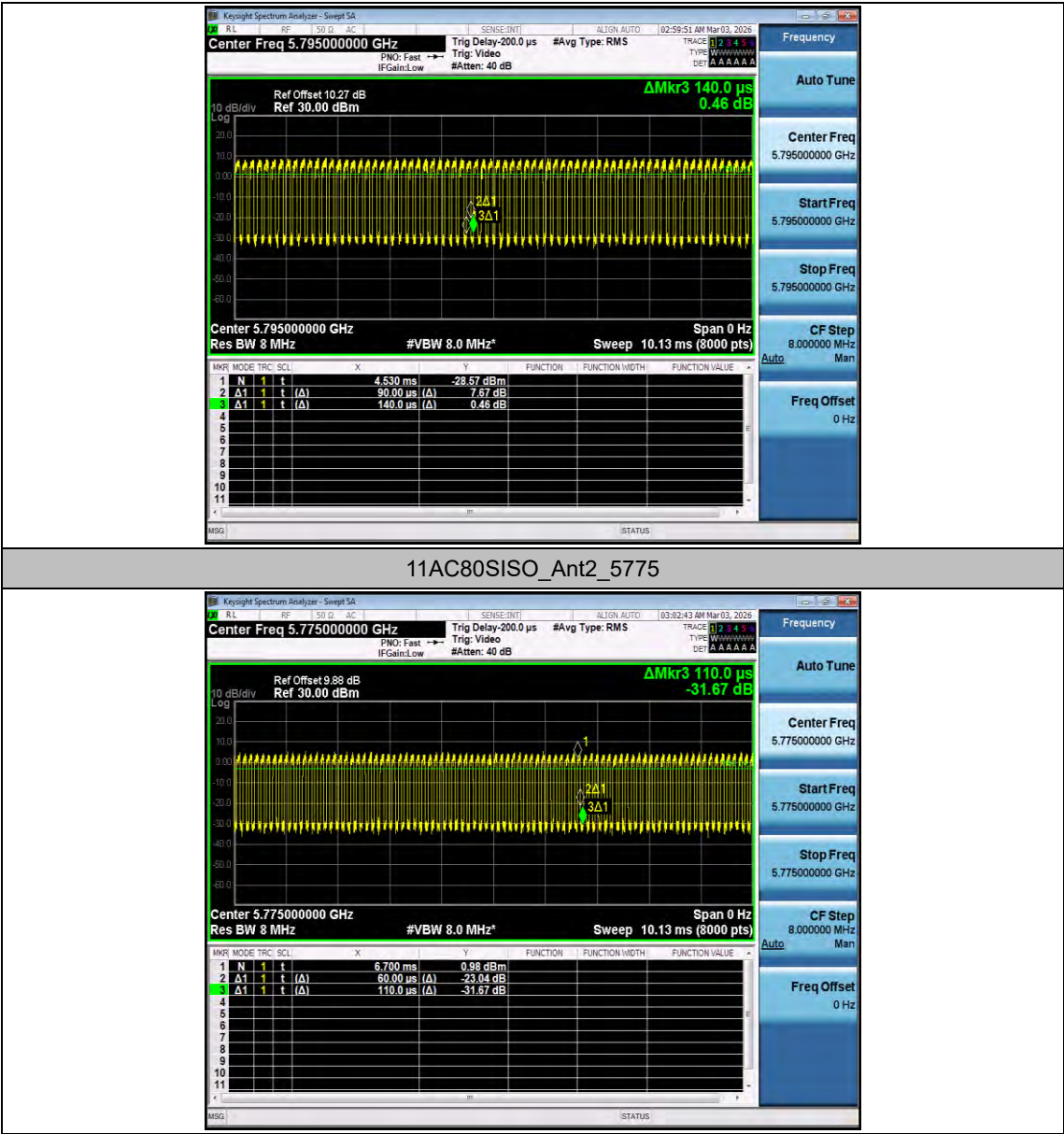
11AC20SISO_Ant2_5745



11AC20SISO_Ant2_5785







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	Ant2	5745	13.71	96.53	0.15	13.86	≤30.00	PASS
		5785	14.44	95.86	0.18	14.62	≤30.00	PASS
		5825	14.98	96.53	0.15	15.13	≤30.00	PASS
11N20SISO	Ant2	5745	9.15	76.19	1.18	10.33	≤30.00	PASS
		5785	9.76	70.00	1.55	11.31	≤30.00	PASS
		5825	10.79	72.73	1.38	12.17	≤30.00	PASS
11N40SISO	Ant2	5755	10.64	60.00	2.22	12.86	≤30.00	PASS
		5795	11.46	66.67	1.76	13.22	≤30.00	PASS
11AC20SISO	Ant2	5745	10.68	70.00	1.55	12.23	≤30.00	PASS
		5785	11.32	70.00	1.55	12.87	≤30.00	PASS
		5825	11.76	75.00	1.25	13.01	≤30.00	PASS
11AC40SISO	Ant2	5755	9.59	60.00	2.22	11.81	≤30.00	PASS
		5795	10.33	64.29	1.92	12.25	≤30.00	PASS
11AC80SISO	Ant2	5775	9.13	54.55	2.63	11.76	≤30.00	PASS

Appendix E.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5745	0.58	≤30.00	PASS
		5785	1.32	≤30.00	PASS
		5825	1.95	≤30.00	PASS
11N20SISO	Ant2	5745	-2.38	≤30.00	PASS
		5785	-1.69	≤30.00	PASS
		5825	-0.82	≤30.00	PASS
11N40SISO	Ant2	5755	-2.29	≤30.00	PASS
		5795	-1.99	≤30.00	PASS
11AC20SISO	Ant2	5745	-1.32	≤30.00	PASS
		5785	-0.52	≤30.00	PASS
		5825	-0.19	≤30.00	PASS
11AC40SISO	Ant2	5755	-3.48	≤30.00	PASS
		5795	-3.15	≤30.00	PASS
11AC80SISO	Ant2	5775	-6.01	≤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

11A_Ant2_5745



11A_Ant2_5785



11A_Ant2_5825



11N20SISO_Ant2_5745



11N20SISO_Ant2_5785



11N20SISO_Ant2_5825



11N40SISO_Ant2_5755



11N40SISO_Ant2_5795



11AC20SISO_Ant2_5745



11AC20SISO_Ant2_5785



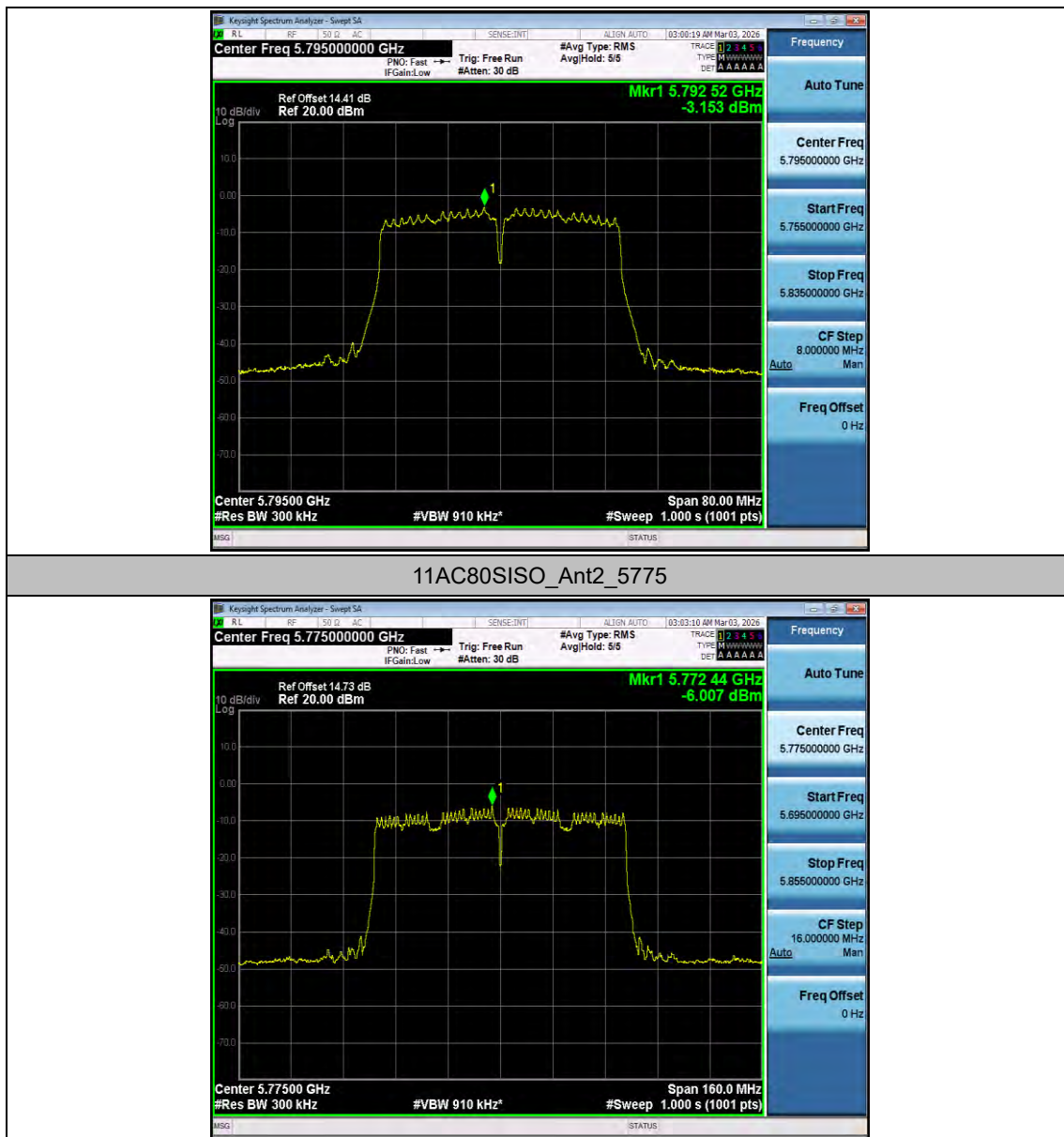
11AC20SISO_Ant2_5825



11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



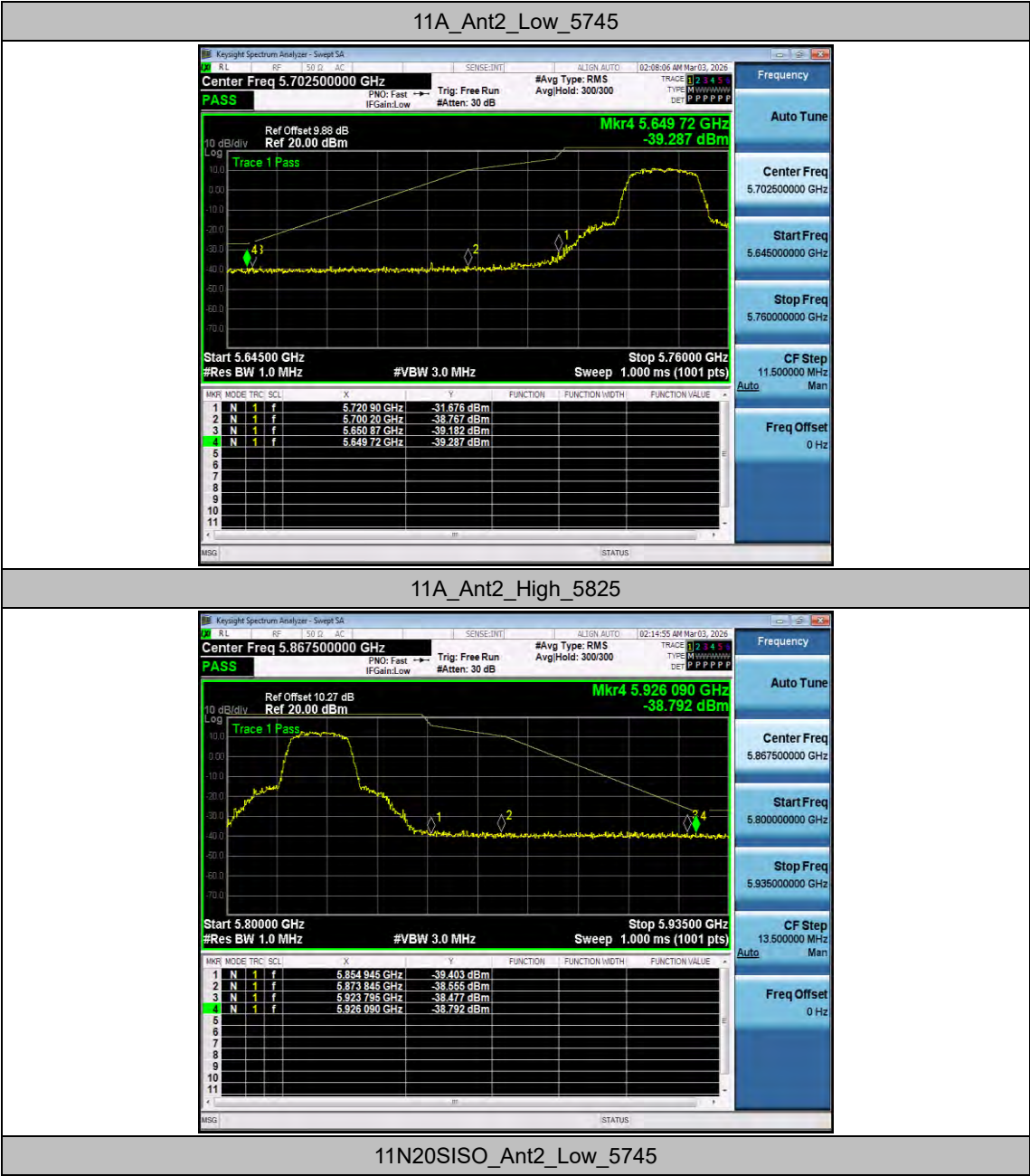
Appendix E.6:Band edge measurements

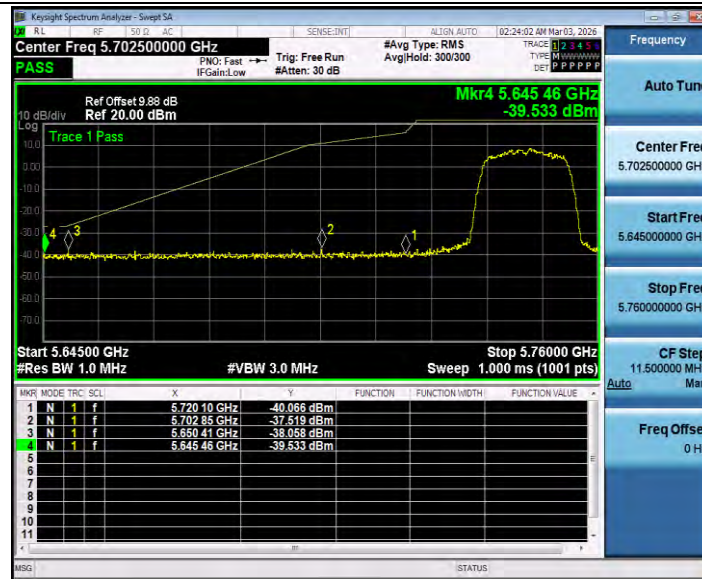
Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	Low	5745	5650~5700	-39.18	≤-26.36	PASS
				5700~5720	-38.77	≤10.06	PASS
				5720~5725	-31.68	≤17.65	PASS
				5760~5650	-39.29	≤-27	PASS
		High	5825	5850~5855	-39.4	≤15.73	PASS
				5855~5875	-38.56	≤10.32	PASS
				5875~5925	-38.48	≤-26.11	PASS
				5925~5935	-38.79	≤-27	PASS
11N20SI SO	Ant2	Low	5745	5650~5700	-38.06	≤-26.70	PASS
				5700~5720	-37.52	≤10.80	PASS
				5720~5725	-40.07	≤15.82	PASS
				5760~5650	-39.53	≤-27	PASS
		High	5825	5850~5855	-39.94	≤15.73	PASS
				5855~5875	-38.56	≤10.66	PASS
				5875~5925	-39.6	≤-26.81	PASS
				5925~5935	-37.61	≤-27	PASS
11N40SI SO	Ant2	Low	5755	5650~5700	-39.68	≤-26.50	PASS
				5700~5720	-31.44	≤10.25	PASS
				5720~5725	-28.86	≤15.74	PASS
				5780~5650	-38.64	≤-27	PASS
		High	5795	5850~5855	-36.36	≤16.41	PASS
				5855~5875	-39	≤10.06	PASS
				5875~5925	-38.22	≤-25.98	PASS
				5925~5935	-37.5	≤-27	PASS
11AC20S ISO	Ant2	Low	5745	5650~5700	-39.81	≤-26.87	PASS
				5700~5720	-39.09	≤10.47	PASS
				5720~5725	-32.89	≤16.34	PASS
				5760~5650	-38.98	≤-27	PASS
		High	5825	5850~5855	-33.73	≤17.26	PASS
				5855~5875	-38.43	≤11.00	PASS
				5875~5925	-38.99	≤-26.41	PASS
				5925~5935	-38.37	≤-27	PASS
11AC40S ISO	Ant2	Low	5755	5650~5700	-41.02	≤-26.60	PASS
				5700~5720	-27.86	≤15.09	PASS
				5720~5725	-27.74	≤16.66	PASS
				5780~5650	-39.65	≤-27	PASS

		High	5795	5850~5855	-38.28	≤ 15.66	PASS
				5855~5875	-26.37	≤ 14.36	PASS
				5875~5925	-39.81	≤ -26.95	PASS
				5925~5935	-39	≤ -27	PASS
11AC80S ISO	Ant2	Low	5775	5650~5700	-37.5	≤ -26.91	PASS
				5700~5720	-30.7	≤ 12.52	PASS
				5720~5725	-32.34	≤ 15.65	PASS
				5800~5650	-37.09	≤ -27	PASS
		High	5775	5850~5855	-35.37	≤ 15.84	PASS
				5855~5875	-31.59	≤ 11.07	PASS
				5875~5925	-39.65	≤ -26.73	PASS
				5925~5935	-39.58	≤ -27	PASS

Test GraphsB4





11N20SISO_Ant2_High_5825



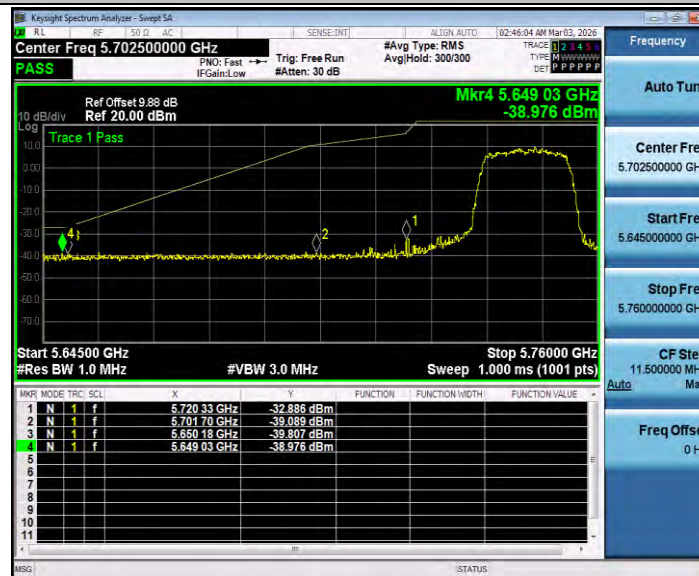
11N40SISO_Ant2_Low_5755



11N40SISO_Ant2_High_5795



11AC20SISO_Ant2_Low_5745



11AC20SISO_Ant2_High_5825



11AC40SISO_Ant2_Low_5755



11AC40SISO_Ant2_High_5795



11AC80SISO_Ant2_Low_5775



11AC80SISO_Ant2_High_5775



Appendix E.7:Conducted Spurious Emission

Test Result

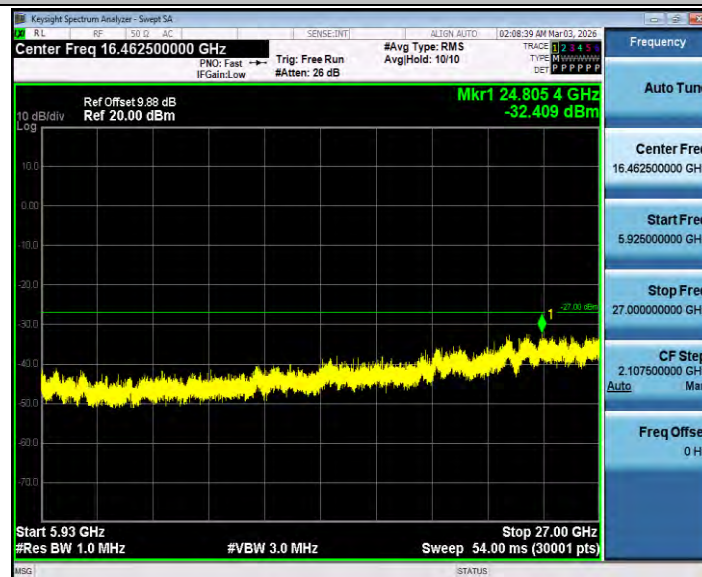
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant2	5745	30~5650	5531.98	-39.22	≤-27	PASS
			5925~27000	24805.39	-32.41	≤-27	PASS
		5785	30~5650	5466.98	-39.69	≤-27	PASS
			5925~27000	26913.59	-31.13	≤-27	PASS
		5825	30~5650	2617.45	-39.71	≤-27	PASS
			5925~27000	24211.78	-32.24	≤-27	PASS
11N20SISO	Ant2	5745	30~5650	4961.18	-40.25	≤-27	PASS
			5925~27000	23587.26	-32.3	≤-27	PASS
		5785	30~5650	5640.45	-39.66	≤-27	PASS
			5925~27000	24262.36	-31.34	≤-27	PASS
		5825	30~5650	5461.92	-39.18	≤-27	PASS
			5925~27000	24287.65	-31	≤-27	PASS
11N40SISO	Ant2	5755	30~5650	4866.38	-40.32	≤-27	PASS
			5925~27000	24251.82	-31.4	≤-27	PASS
		5795	30~5650	2533.9	-39.82	≤-27	PASS
			5925~27000	24249.01	-31.16	≤-27	PASS
11AC20SISO	Ant2	5745	30~5650	5355.51	-39.94	≤-27	PASS
			5925~27000	26496.31	-32.1	≤-27	PASS
		5785	30~5650	5388.67	-39.91	≤-27	PASS
			5925~27000	24832.79	-31.38	≤-27	PASS
		5825	30~5650	4888.68	-39.83	≤-27	PASS
			5925~27000	24848.24	-31.72	≤-27	PASS
11AC40SISO	Ant2	5755	30~5650	5618.15	-40.67	≤-27	PASS
			5925~27000	25240.94	-31.83	≤-27	PASS
		5795	30~5650	5332.28	-39.47	≤-27	PASS
			5925~27000	23494.53	-32.49	≤-27	PASS
11AC80SISO	Ant2	5775	30~5650	5614.03	-39.9	≤-27	PASS
			5925~27000	24201.94	-31.9	≤-27	PASS

Test Graphs

11A_Ant2_5745_30~5650



11A_Ant2_5745_5925~27000



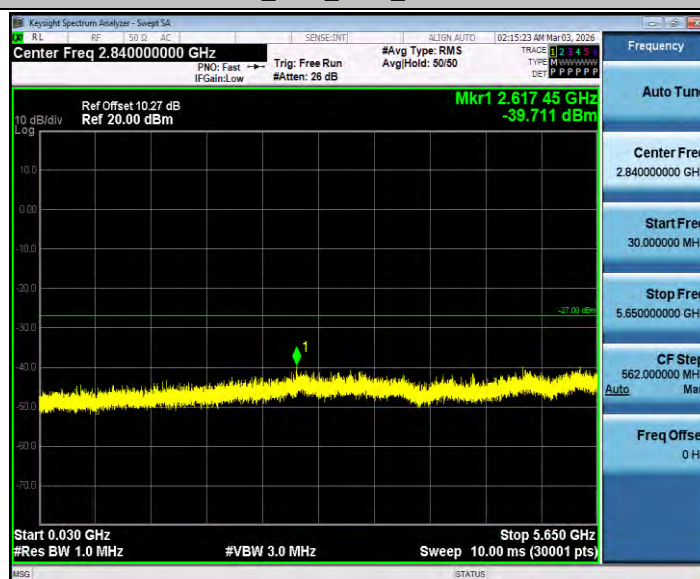
11A_Ant2_5785_30~5650



11A_Ant2_5785_5925~27000



11A_Ant2_5825_30~5650



11A_Ant2_5825_5925~27000



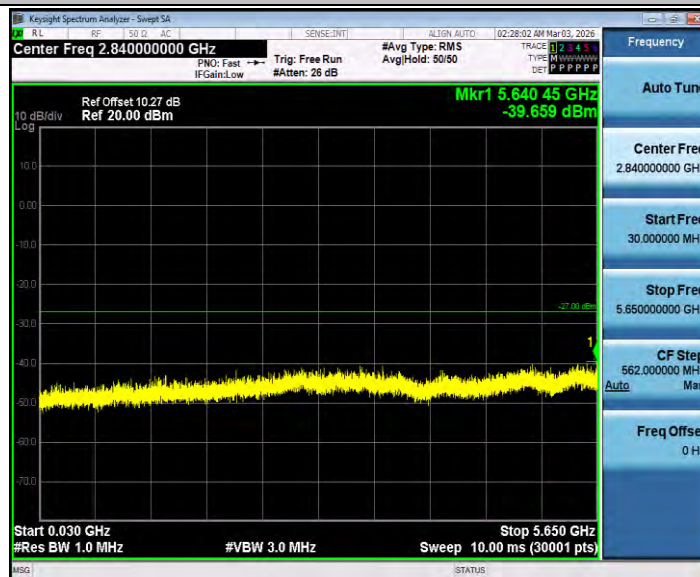
11N20SISO_Ant2_5745_30~5650



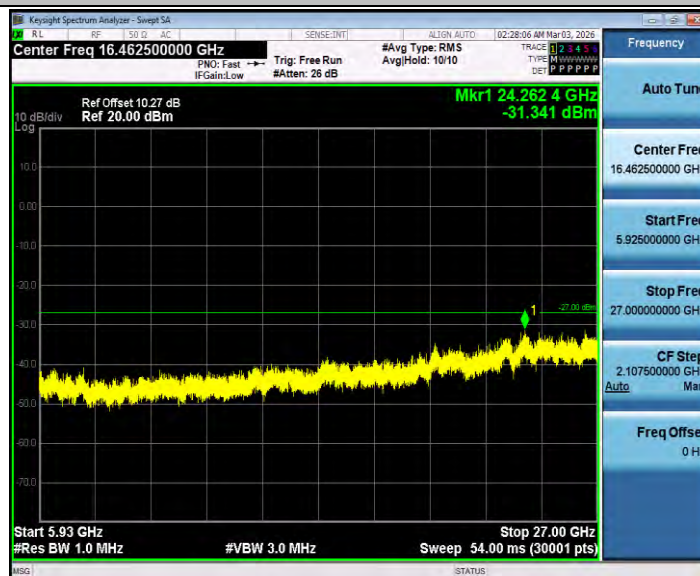
11N20SISO_Ant2_5745_5925~27000



11N20SISO_Ant2_5785_30~5650



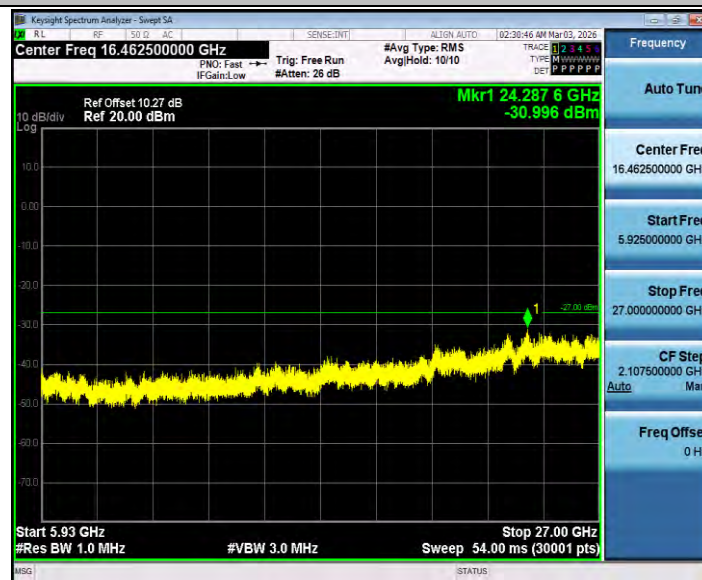
11N20SISO_Ant2_5785_5925~27000



11N20SISO_Ant2_5825_30~5650



11N20SISO_Ant2_5825_5925~27000



11N40SISO_Ant2_5755_30~5650



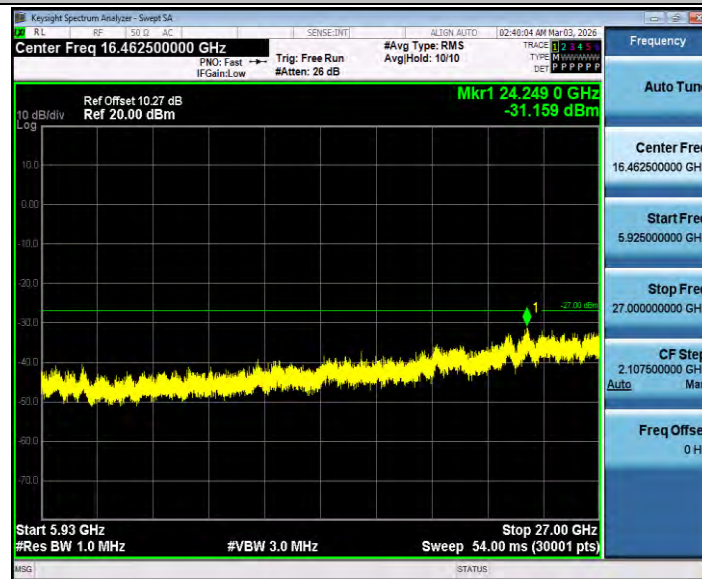
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11N40SISO_Ant2_5795_30~5650



11N40SISO_Ant2_5795_5925~27000



11AC20SISO_Ant2_5745_30~5650



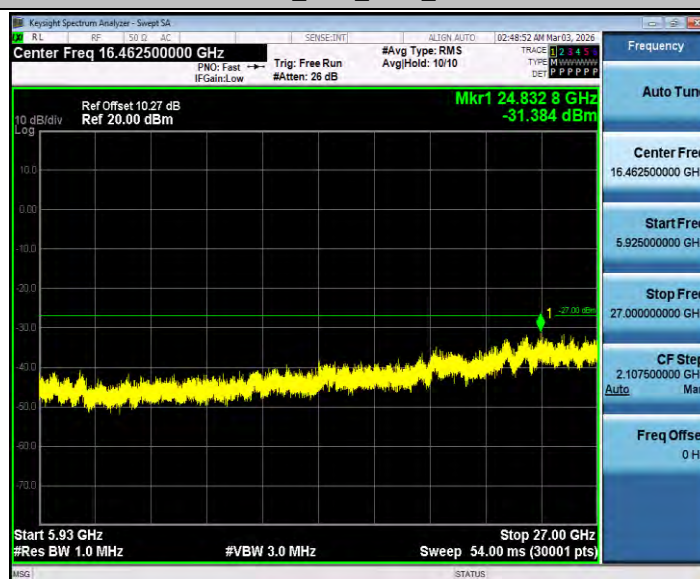
11AC20SISO_Ant2_5745_5925~27000



11AC20SISO_Ant2_5785_30~5650



11AC20SISO_Ant2_5785_5925~27000



11AC20SISO_Ant2_5825_30~5650



11AC20SISO_Ant2_5825_5925~27000



11AC40SISO_Ant2_5755_30~5650



11AC40SISO_Ant2_5755_5925~27000



11AC40SISO_Ant2_5795_30~5650



11AC40SISO_Ant2_5795_5925~27000



11AC80SISO_Ant2_5775_30~5650



11AC80SISO_Ant2_5775_5925~27000

