

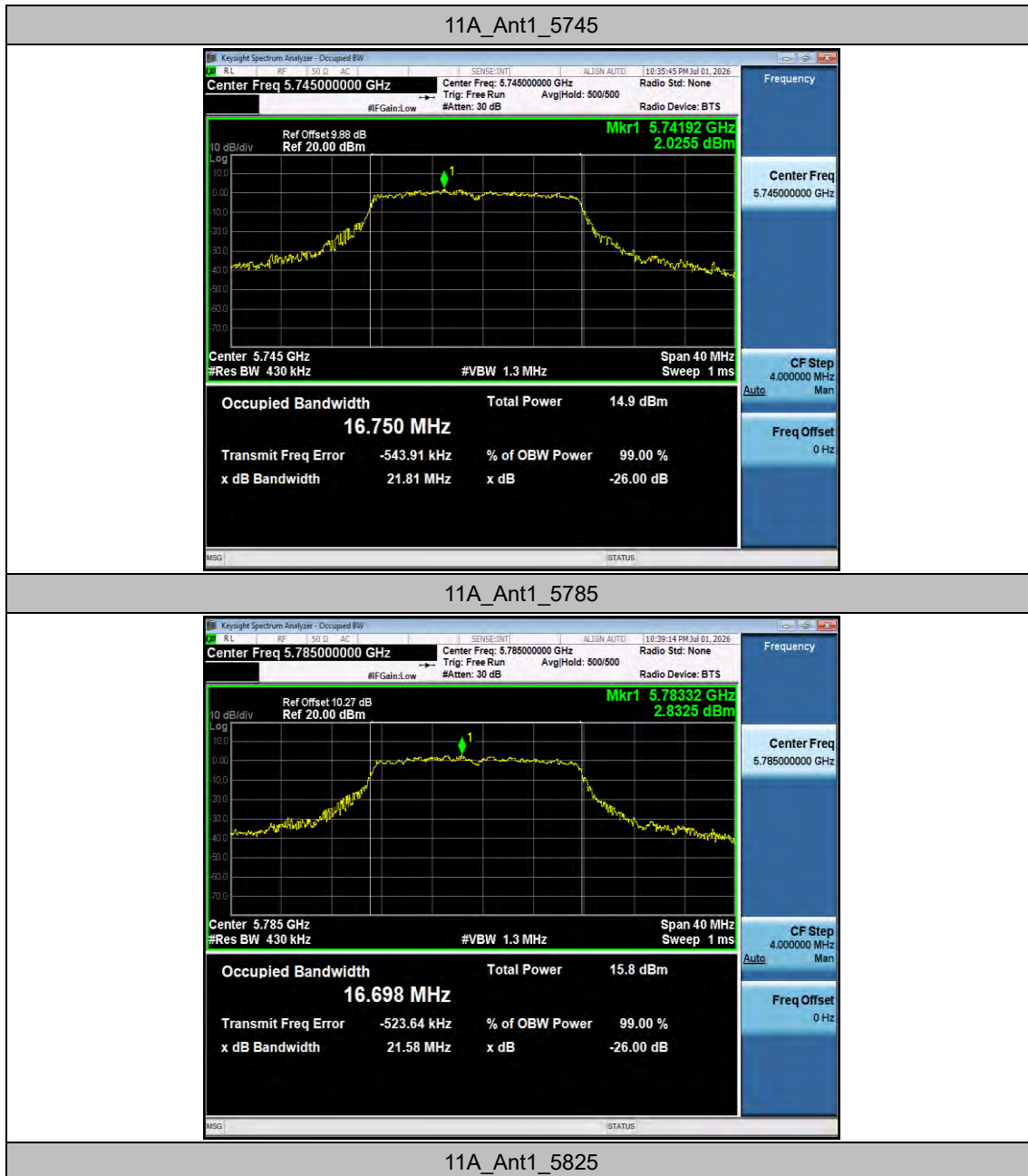
Case No. : <u>GTS20260616002-1-03</u>
Ambient Condition: <u>23</u> °C, <u>52</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.6.29-2026.7.7</u> Test Engineer: <u>Evan ouyang</u>

Appendix D.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.750	5736.0811	5752.8311	---	---
		5785	16.698	5776.1274	5792.8254	---	---
		5825	16.646	5816.1312	5832.7772	---	---
11N20SISO	Ant1	5745	17.848	5735.5714	5753.4194	---	---
		5785	17.854	5775.5574	5793.4114	---	---
		5825	17.844	5815.5504	5833.3944	---	---
11N40SISO	Ant1	5755	36.173	5736.4302	5772.6032	---	---
		5795	36.144	5776.5021	5812.6461	---	---
11AC20SISO	Ant1	5745	18.002	5735.5130	5753.5150	---	---
		5785	18.040	5775.5165	5793.5565	---	---
		5825	18.019	5815.5650	5833.5840	---	---
11AC40SISO	Ant1	5755	36.226	5736.4820	5772.7080	---	---
		5795	36.260	5776.5268	5812.7868	---	---

Test Graphs





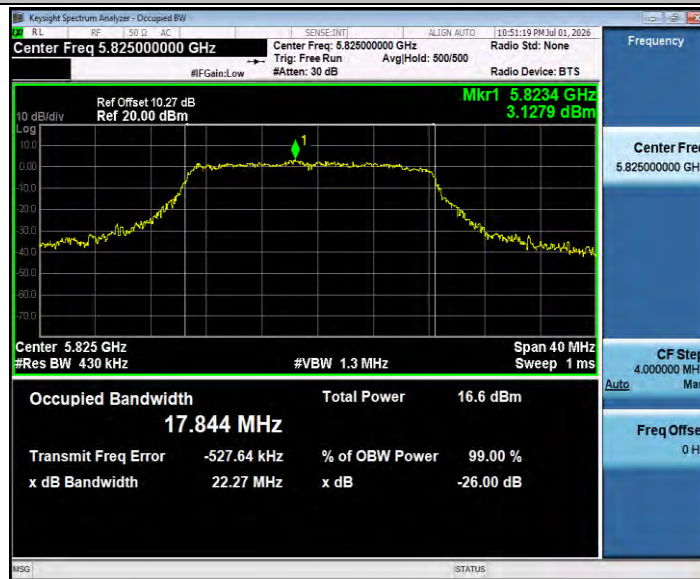
11N20SISO_Ant1_5745



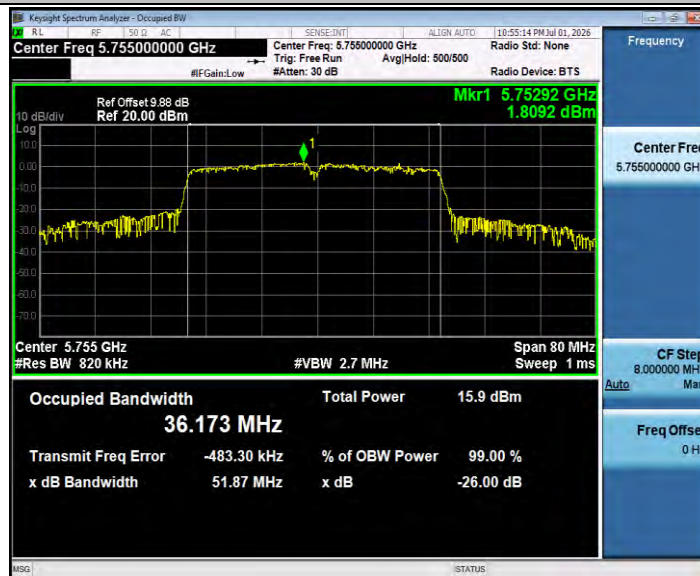
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



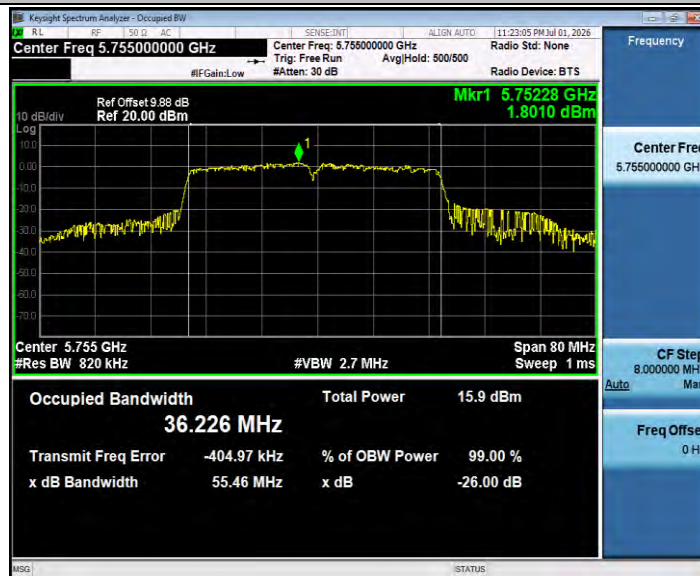
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



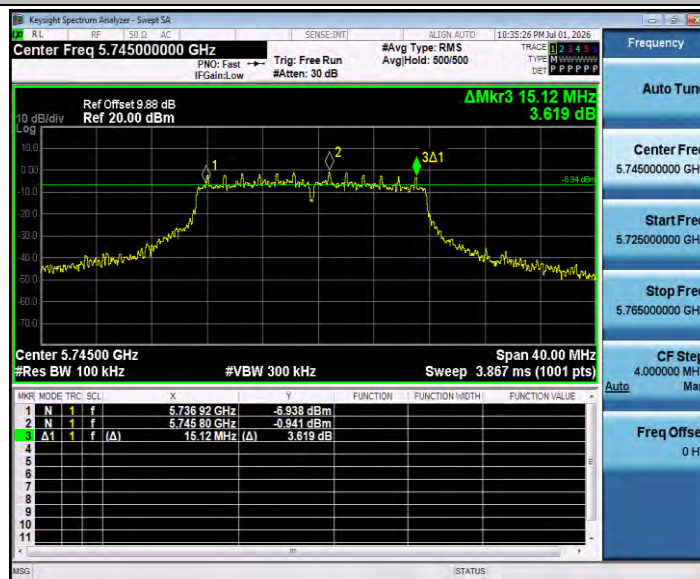
Appendix D.2: Min emission bandwidth

Test Result B4

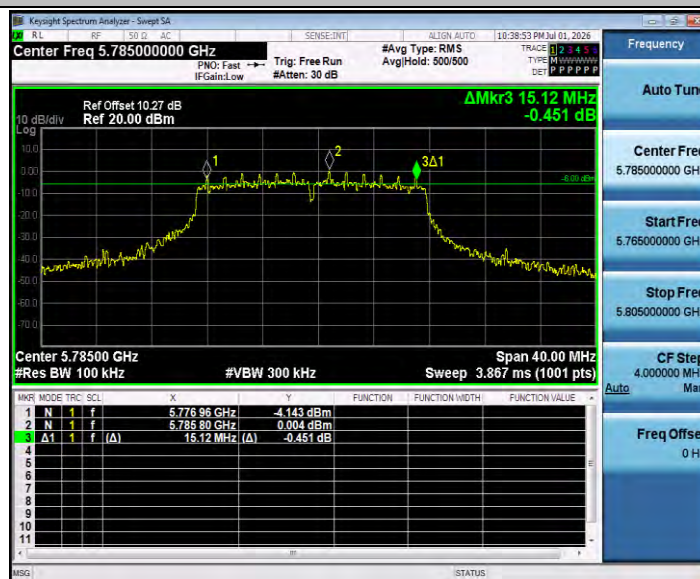
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.120	5736.920	5752.040	0.5	PASS
		5785	15.120	5776.960	5792.080	0.5	PASS
		5825	15.120	5816.960	5832.080	0.5	PASS
11N20SISO	Ant1	5745	15.720	5736.360	5752.080	0.5	PASS
		5785	15.120	5776.960	5792.080	0.5	PASS
		5825	15.720	5816.360	5832.080	0.5	PASS
11N40SISO	Ant1	5755	35.040	5737.000	5772.040	0.5	PASS
		5795	35.120	5777.000	5812.120	0.5	PASS
11AC20SISO	Ant1	5745	15.120	5736.960	5752.080	0.5	PASS
		5785	15.120	5776.960	5792.080	0.5	PASS
		5825	15.720	5816.360	5832.080	0.5	PASS
11AC40SISO	Ant1	5755	35.120	5736.920	5772.040	0.5	PASS
		5795	35.200	5776.920	5812.120	0.5	PASS

Test Graphs B4

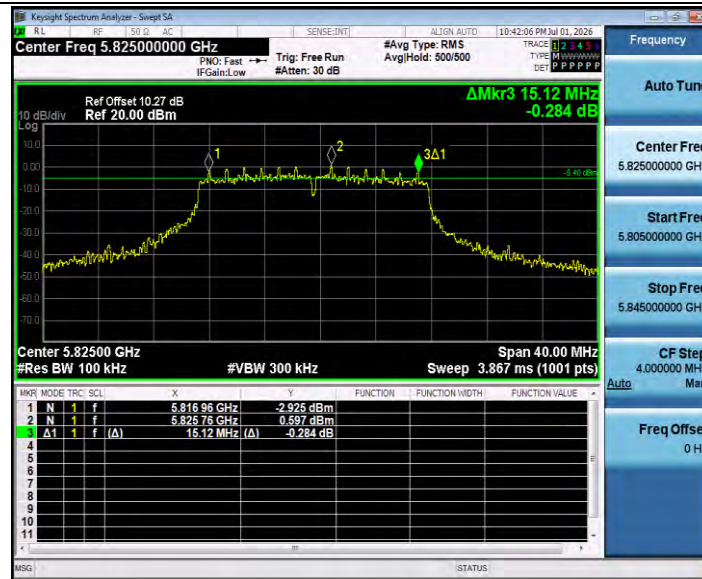
11A_Ant1_5745



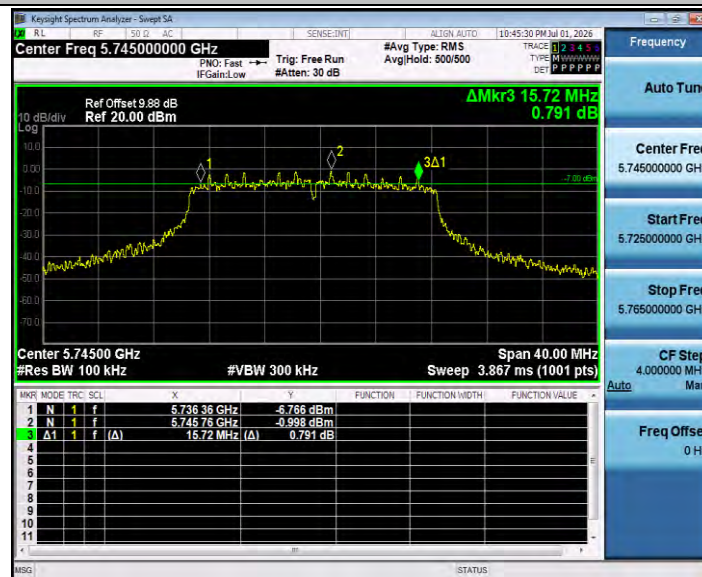
11A_Ant1_5785



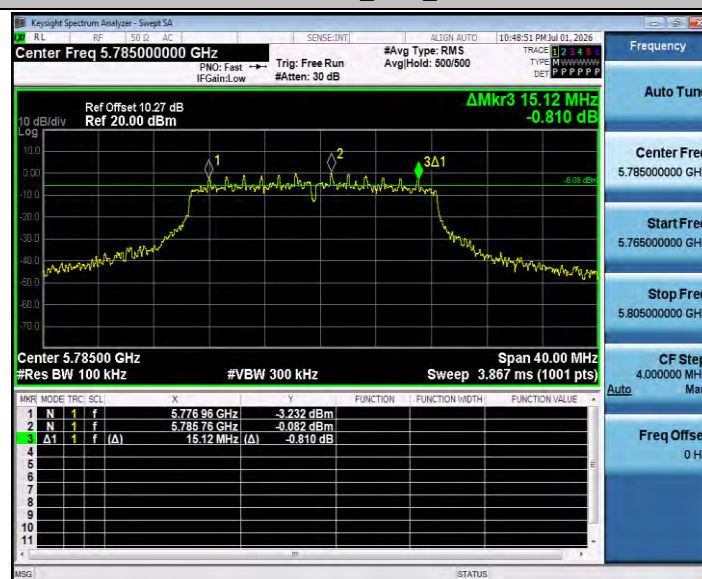
11A_Ant1_5825



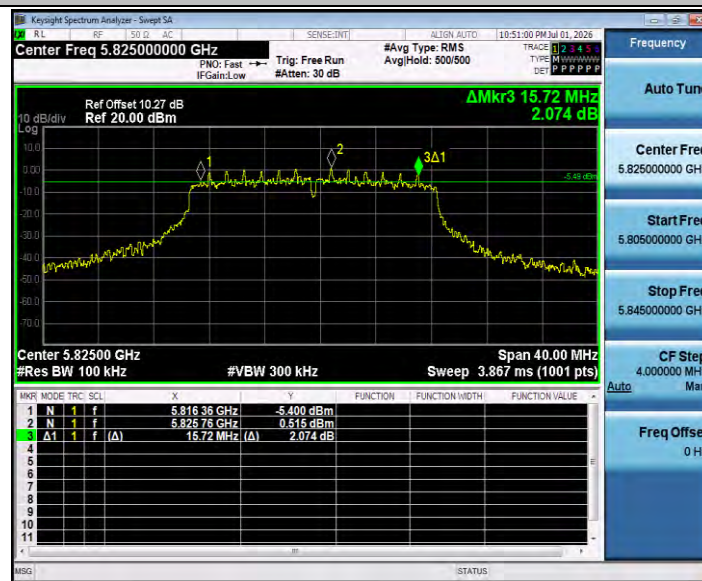
11N20SISO_Ant1_5745



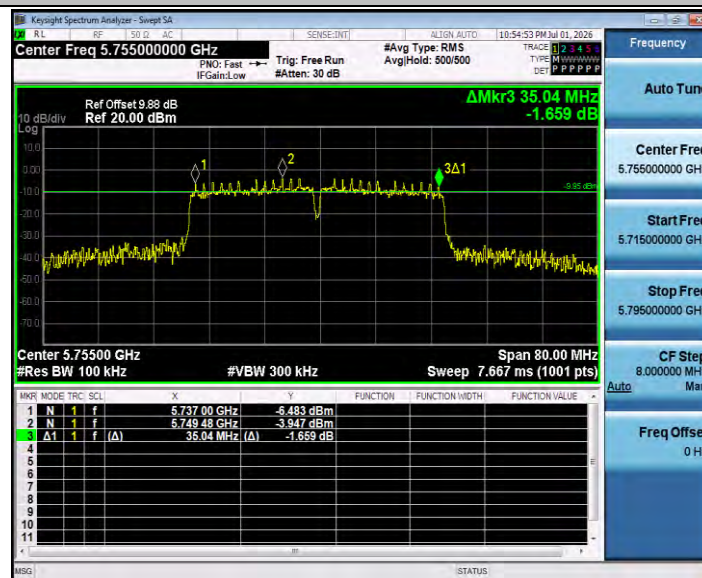
11N20SISO_Ant1_5785



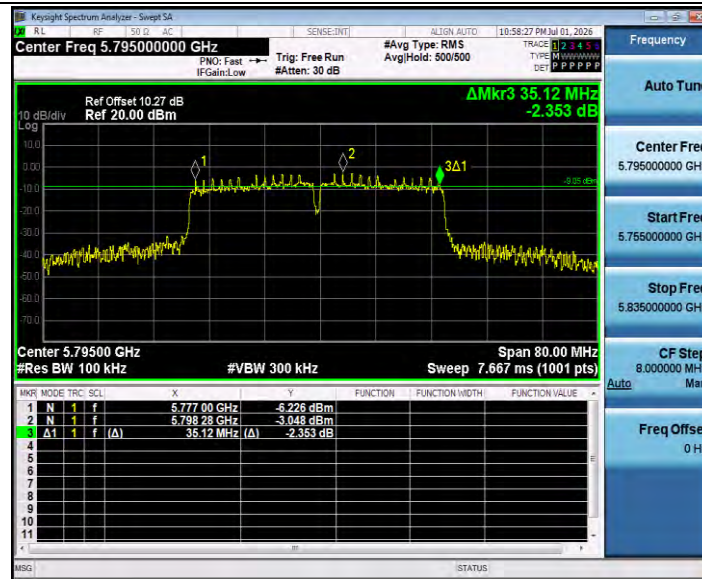
11N20SISO_Ant1_5825



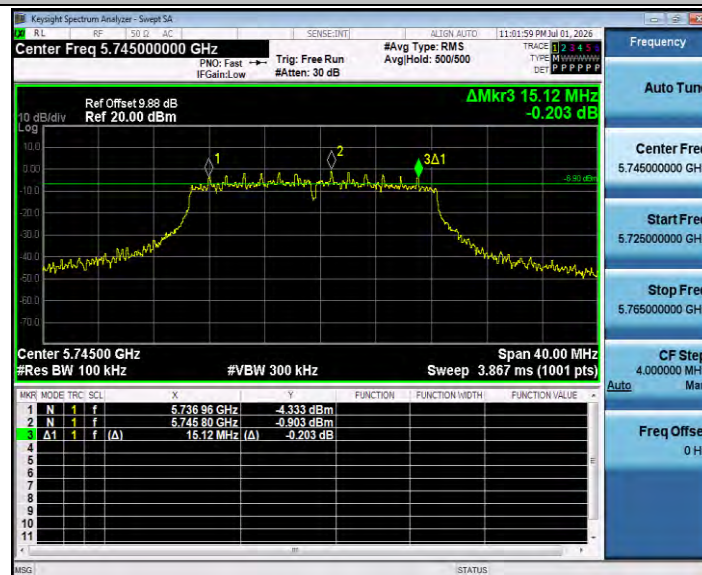
11N40SISO_Ant1_5755



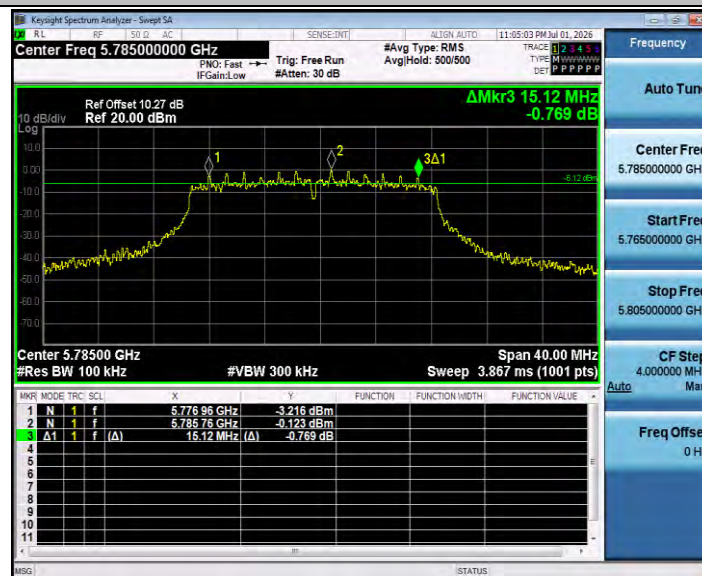
11N40SISO_Ant1_5795



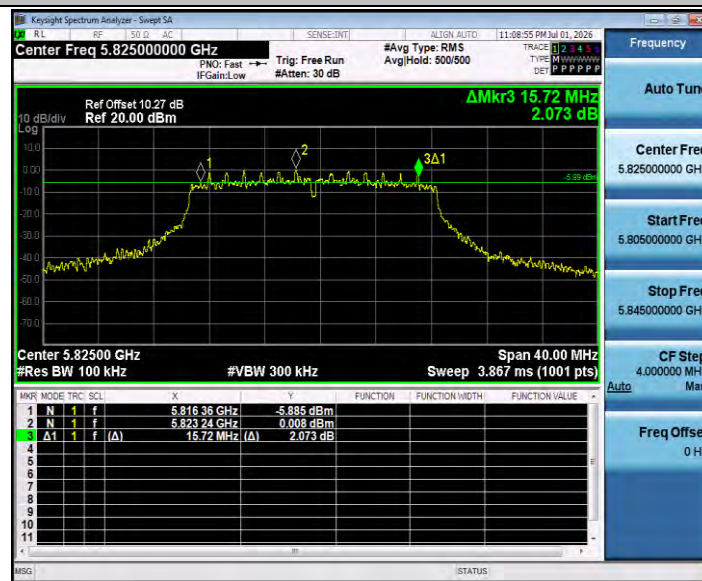
11AC20SISO_Ant1_5745



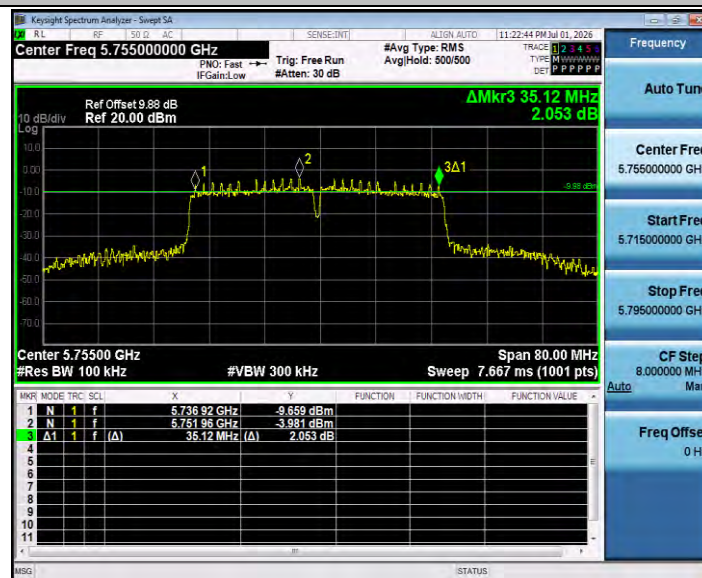
11AC20SISO_Ant1_5785



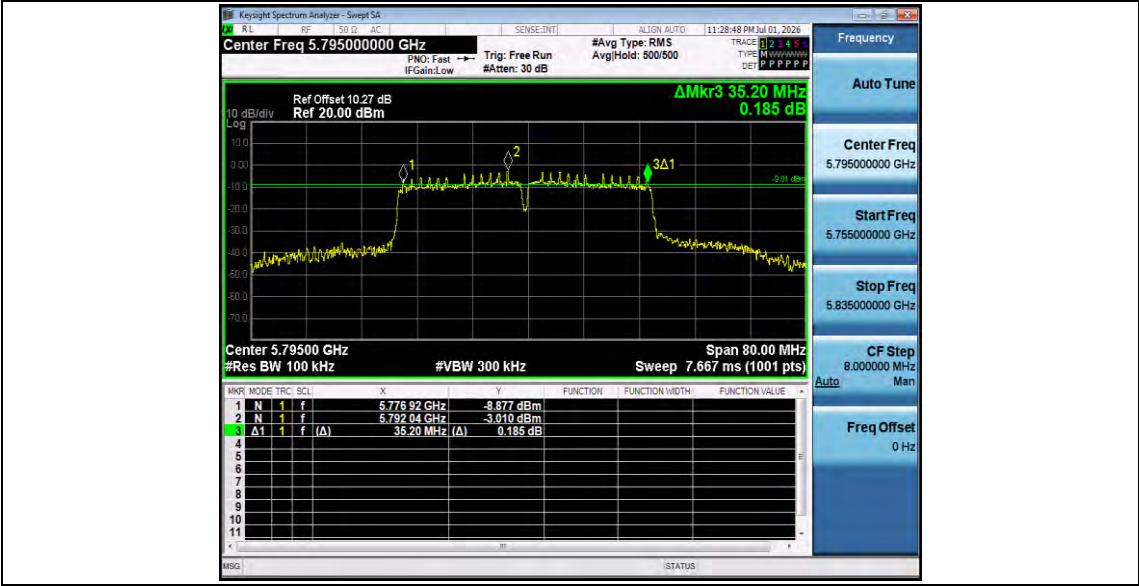
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795

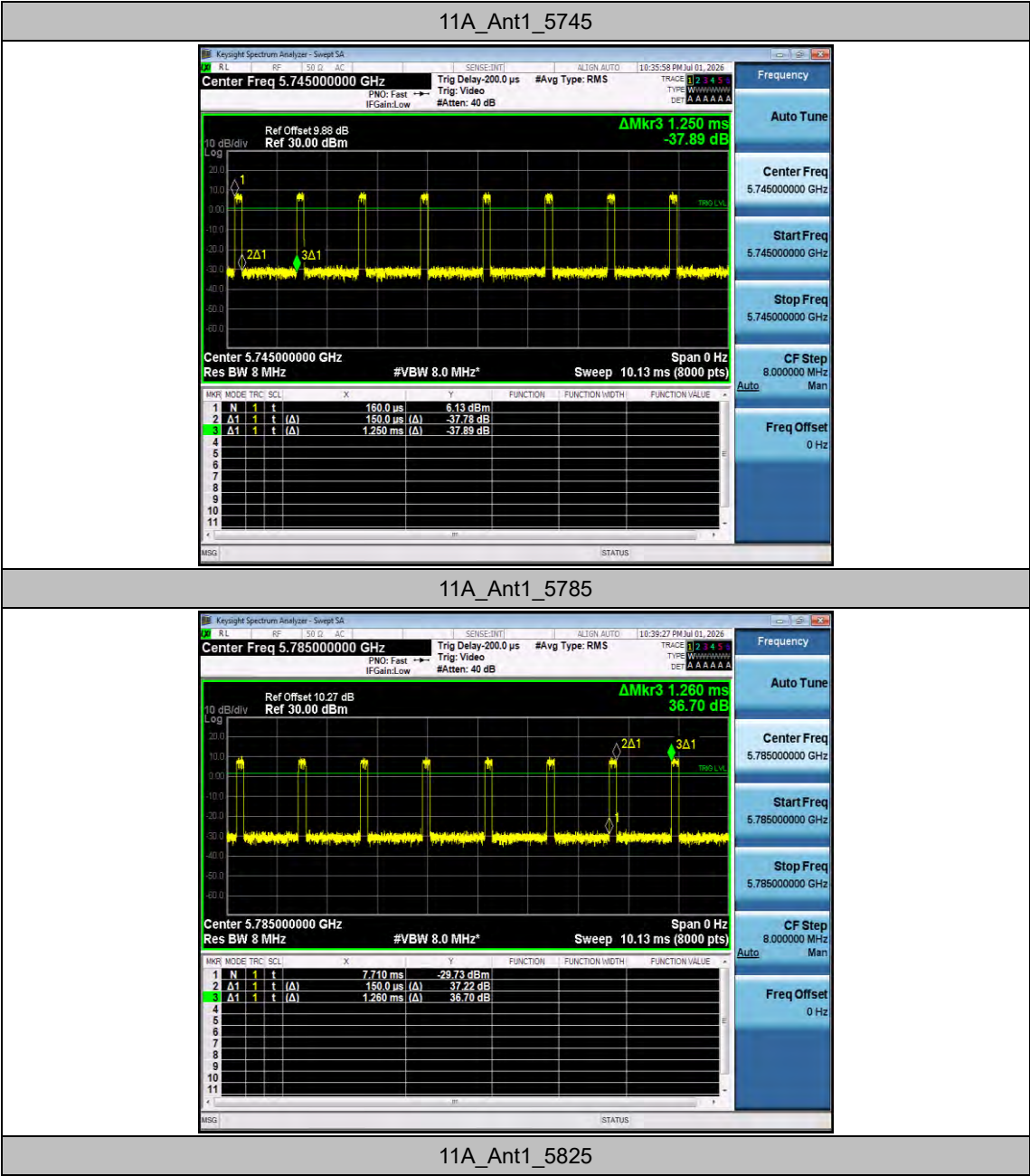


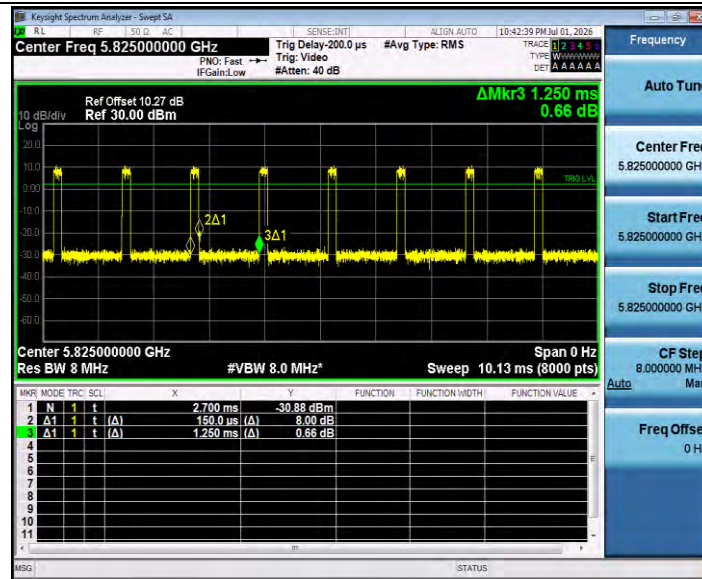
Appendix D.3: Duty Cycle

Test Result

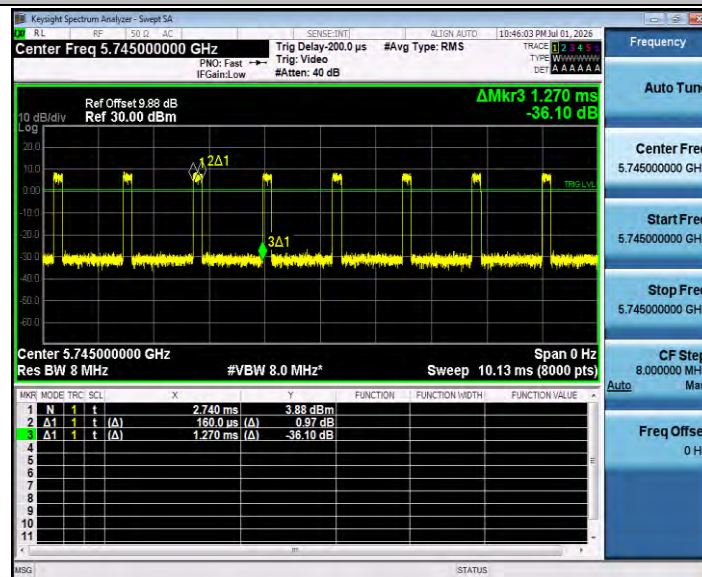
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	0.15	1.25	12.00	9.21	6.67
		5785	0.15	1.26	11.90	9.24	6.67
		5825	0.15	1.25	12.00	9.21	6.67
11N20SISO	Ant1	5745	0.16	1.27	12.60	9.00	6.25
		5785	0.16	1.27	12.60	9.00	6.25
		5825	0.16	1.27	12.60	9.00	6.25
11N40SISO	Ant1	5755	0.16	1.32	12.12	9.16	6.25
		5795	0.16	1.31	12.21	9.13	6.25
11AC20SISO	Ant1	5745	0.17	1.28	13.28	8.77	5.88
		5785	0.16	1.27	12.60	9.00	6.25
		5825	0.17	1.27	13.39	8.73	5.88
11AC40SISO	Ant1	5755	0.16	1.27	12.60	9.00	6.25
		5795	0.16	1.27	12.60	9.00	6.25

Test Graphs

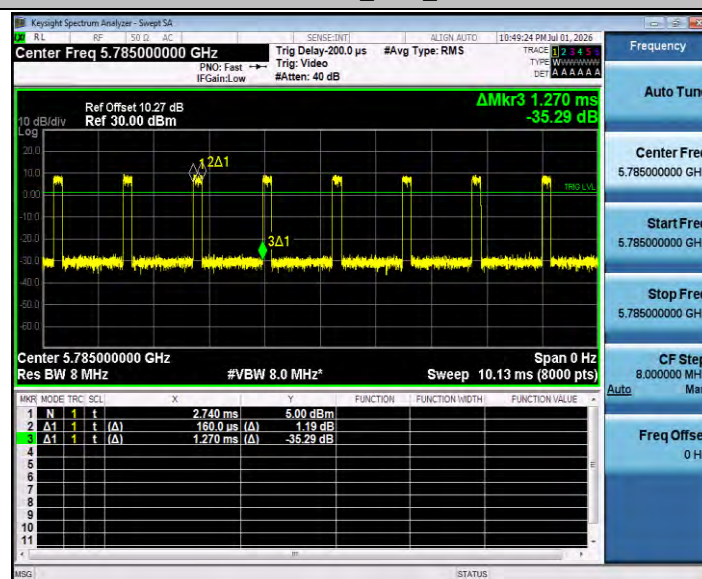




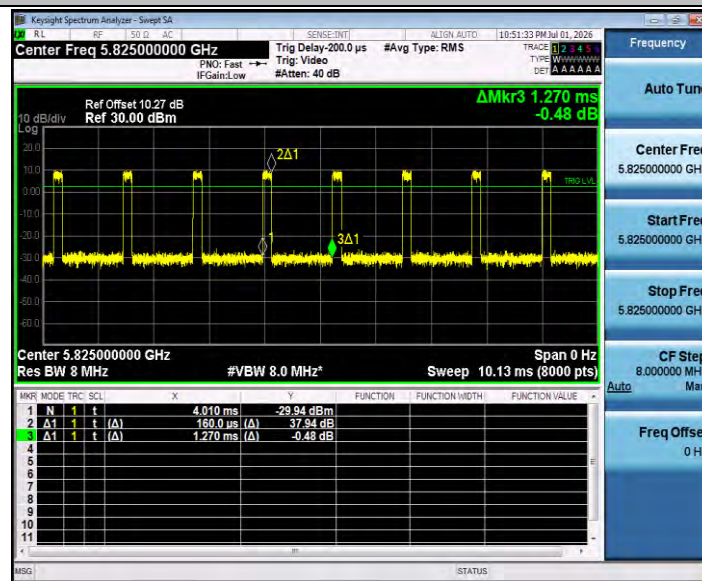
11N20SISO_Ant1_5745



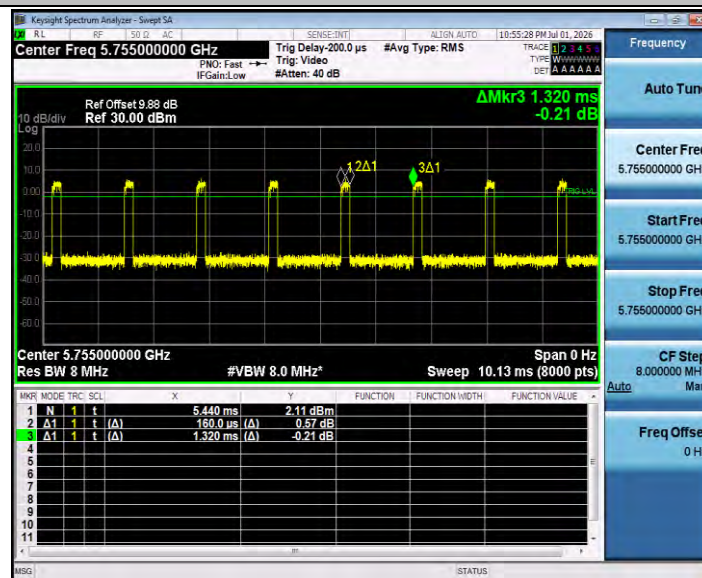
11N20SISO_Ant1_5785



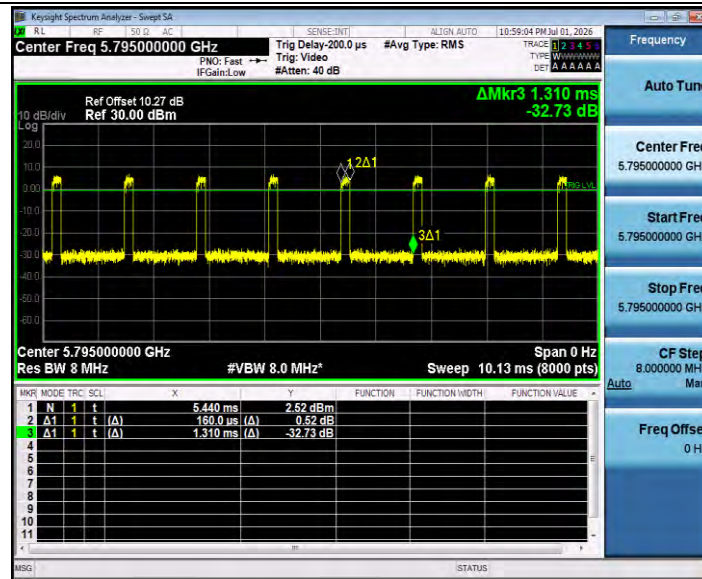
11N20SISO_Ant1_5825



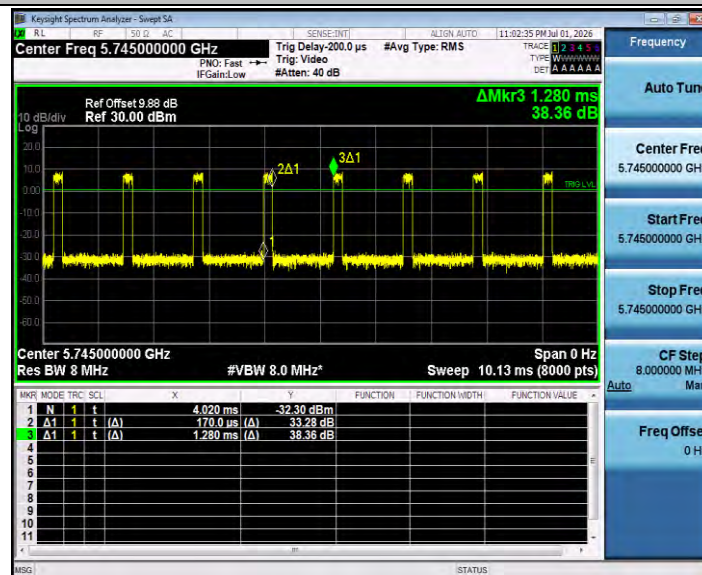
11N40SISO_Ant1_5755



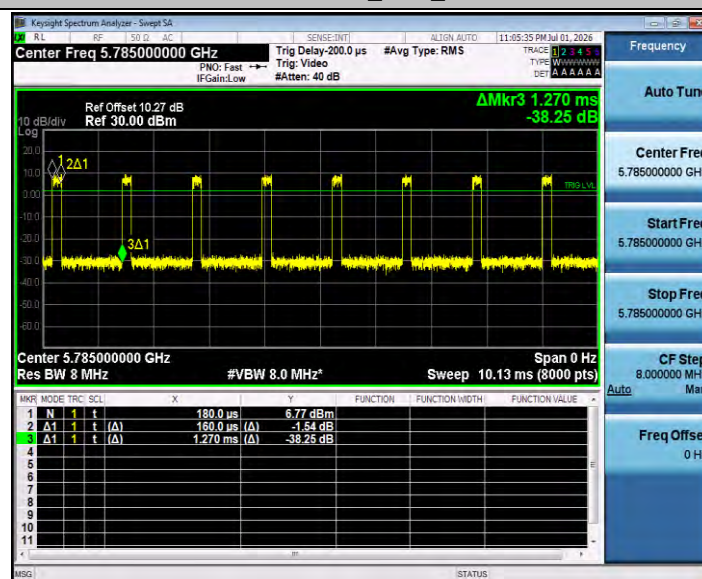
11N40SISO_Ant1_5795



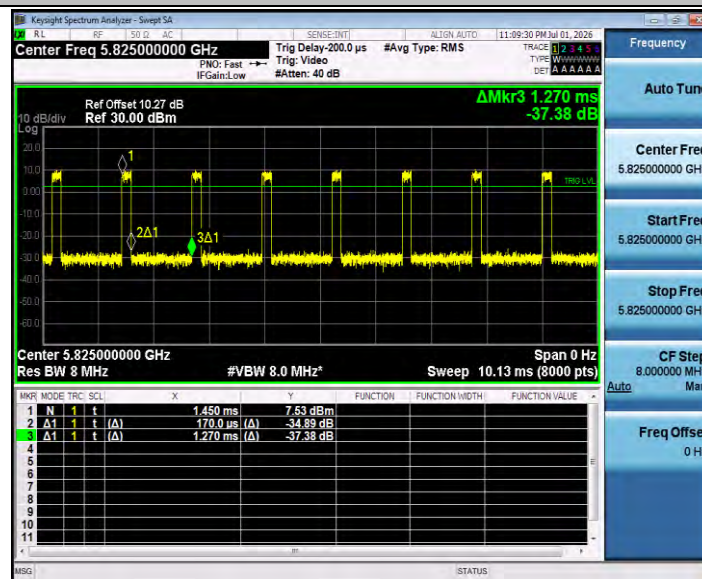
11AC20SISO_Ant1_5745



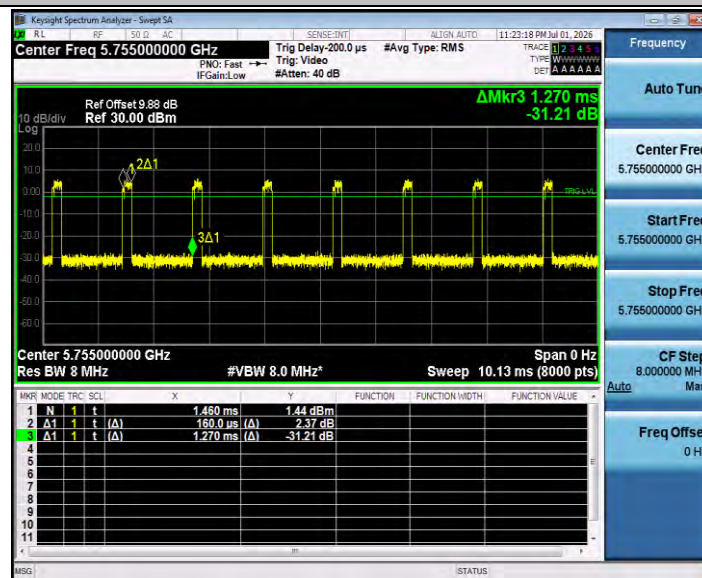
11AC20SISO_Ant1_5785



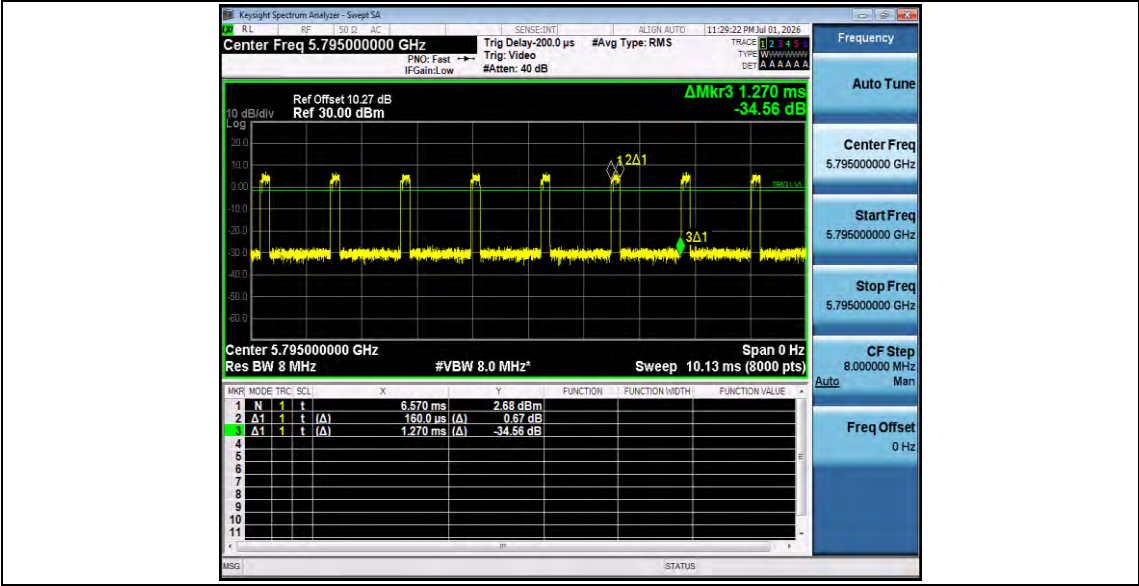
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



Appendix D.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	0.69	12.00	9.21	9.90	≤30.00	PASS
		5785	1.82	11.90	9.24	11.06	≤30.00	PASS
		5825	1.39	12.00	9.21	10.60	≤30.00	PASS
11N20SISO	Ant1	5745	0.56	12.60	9.00	9.56	≤30.00	PASS
		5785	1.36	12.60	9.00	10.36	≤30.00	PASS
		5825	2.29	12.60	9.00	11.29	≤30.00	PASS
11N40SISO	Ant1	5755	0.56	12.12	9.16	9.72	≤30.00	PASS
		5795	1.49	12.21	9.13	10.62	≤30.00	PASS
11AC20SISO	Ant1	5745	0.83	13.28	8.77	9.60	≤30.00	PASS
		5785	1.46	12.60	9.00	10.46	≤30.00	PASS
		5825	1.80	13.39	8.73	10.53	≤30.00	PASS
11AC40SISO	Ant1	5755	0.61	12.60	9.00	9.61	≤30.00	PASS
		5795	1.44	12.60	9.00	10.44	≤30.00	PASS

Appendix D.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-2.63	≤30.00	PASS
		5785	-1.95	≤30.00	PASS
		5825	-1.11	≤30.00	PASS
11N20SISO	Ant1	5745	-2.46	≤30.00	PASS
		5785	-1.78	≤30.00	PASS
		5825	-0.89	≤30.00	PASS
11N40SISO	Ant1	5755	-5.06	≤30.00	PASS
		5795	-4.43	≤30.00	PASS
11AC20SISO	Ant1	5745	-2.66	≤30.00	PASS
		5785	-1.79	≤30.00	PASS
		5825	-1.22	≤30.00	PASS
11AC40SISO	Ant1	5755	-5.27	≤30.00	PASS
		5795	-4.60	≤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 Factoriscompensatedinthe graph.

Test Graphs

11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



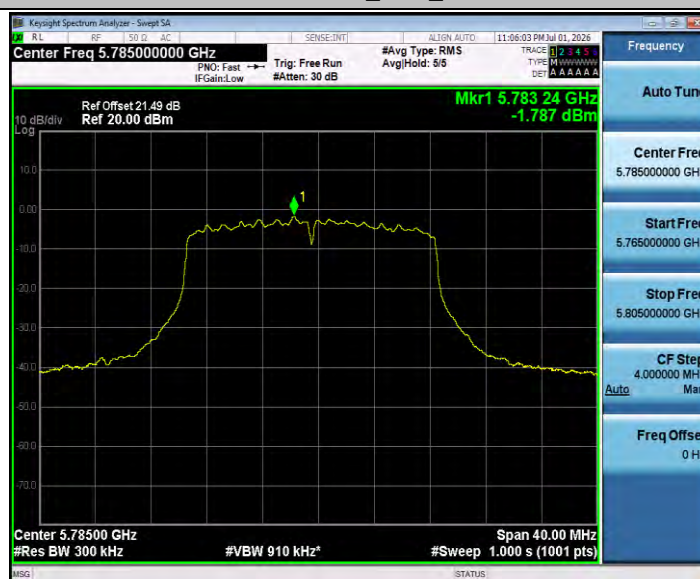
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



Appendix D.6:Band edge measurements

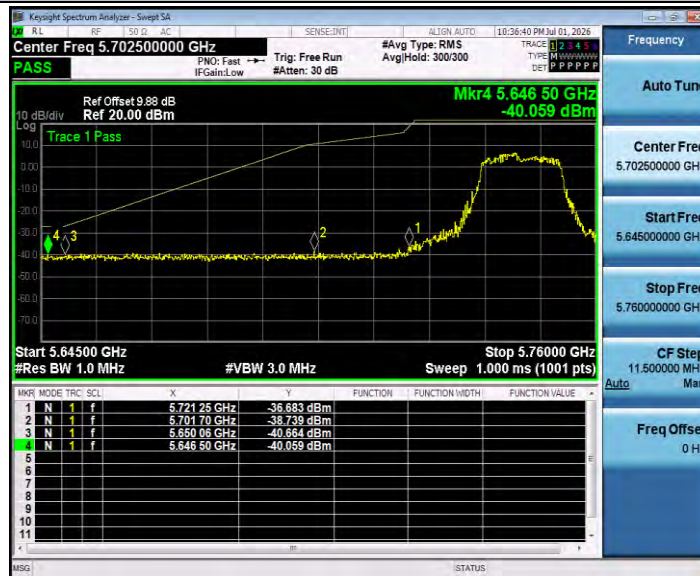
Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-40.66	≤-26.96	PASS
				5700~5720	-38.74	≤10.47	PASS
				5720~5725	-36.68	≤18.44	PASS
				5760~5650	-40.06	≤-27	PASS
		High	5825	5850~5855	-40.39	≤15.73	PASS
				5855~5875	-38.75	≤10.59	PASS
				5875~5925	-39.34	≤-26.71	PASS
				5925~5935	-37.7	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-39.42	≤-26.19	PASS
				5700~5720	-39.97	≤10.12	PASS
				5720~5725	-37.8	≤16.08	PASS
				5760~5650	-39.7	≤-27	PASS
		High	5825	5850~5855	-39.26	≤16.03	PASS
				5855~5875	-38.47	≤10.10	PASS
				5875~5925	-38.88	≤-26.51	PASS
				5925~5935	-37.6	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-40.51	≤-26.90	PASS
				5700~5720	-24.41	≤15.39	PASS
				5720~5725	-24.36	≤16.66	PASS
				5780~5650	-39.35	≤-27	PASS
		High	5795	5850~5855	-39.22	≤15.66	PASS
				5855~5875	-36.88	≤11.22	PASS
				5875~5925	-39.19	≤-26.22	PASS
				5925~5935	-38.67	≤-27	PASS
11AC20SISO	Ant1	Low	5745	5650~5700	-40.98	≤-26.96	PASS
				5700~5720	-39.34	≤10.47	PASS
				5720~5725	-38.55	≤16.34	PASS
				5760~5650	-40.33	≤-27	PASS
		High	5825	5850~5855	-38.98	≤16.34	PASS
				5855~5875	-39.44	≤10.02	PASS
				5875~5925	-39.21	≤-26.81	PASS
				5925~5935	-38.51	≤-27	PASS
11AC40SISO	Ant1	Low	5755	5650~5700	-40.84	≤-26.90	PASS
				5700~5720	-28.31	≤15.50	PASS
				5720~5725	-25.13	≤15.74	PASS
				5780~5650	-39.72	≤-27	PASS

		High	5795	5850~5855	-36.4	≤ 16.41	PASS
				5855~5875	-38.86	≤ 10.11	PASS
				5875~5925	-39.47	≤ -26.95	PASS
				5925~5935	-38.29	≤ -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



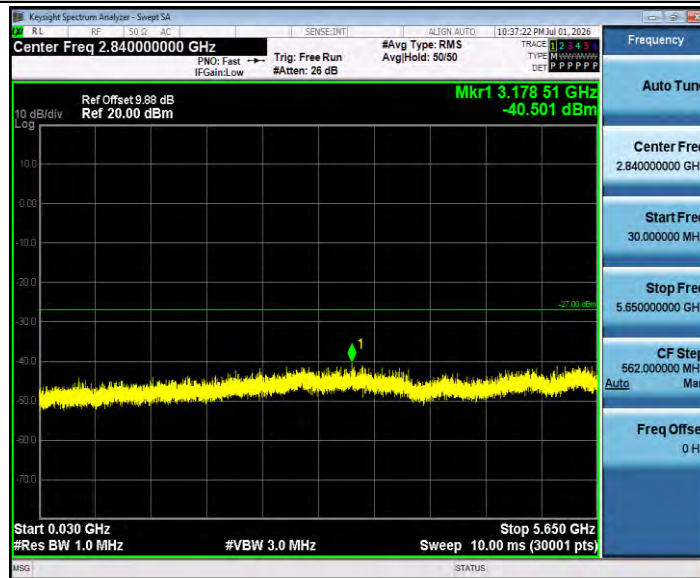
Appendix D.7:Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	3178.51	-40.5	≤-27	PASS
			5925~27000	23465.02	-31.49	≤-27	PASS
		5785	30~5650	3157.16	-39.99	≤-27	PASS
			5925~27000	26763.96	-31.44	≤-27	PASS
		5825	30~5650	2511.6	-40.07	≤-27	PASS
			5925~27000	24279.92	-31.76	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	2664.66	-40.23	≤-27	PASS
			5925~27000	23519.11	-32.22	≤-27	PASS
		5785	30~5650	5460.98	-39.99	≤-27	PASS
			5925~27000	26088.16	-31.64	≤-27	PASS
		5825	30~5650	2664.09	-39.96	≤-27	PASS
			5925~27000	24300.29	-31.56	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	2734.34	-40.62	≤-27	PASS
			5925~27000	24815.23	-32.11	≤-27	PASS
		5795	30~5650	2418.87	-40.34	≤-27	PASS
			5925~27000	24332.61	-31.32	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5422.02	-40.2	≤-27	PASS
			5925~27000	24280.62	-31.12	≤-27	PASS
		5785	30~5650	2825.58	-40.15	≤-27	PASS
			5925~27000	26801.9	-31.52	≤-27	PASS
		5825	30~5650	5518.87	-40.13	≤-27	PASS
			5925~27000	23588.66	-31.43	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	2664.28	-40.3	≤-27	PASS
			5925~27000	24923.41	-31.89	≤-27	PASS
		5795	30~5650	5404.03	-39.53	≤-27	PASS
			5925~27000	24824.36	-31.54	≤-27	PASS

Test Graphs

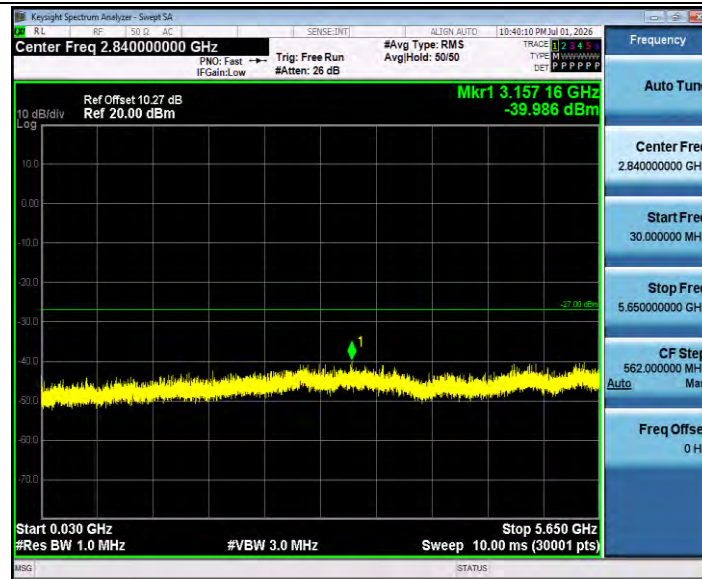
11A_Ant1_5745_30~5650



11A_Ant1_5745_5925~27000



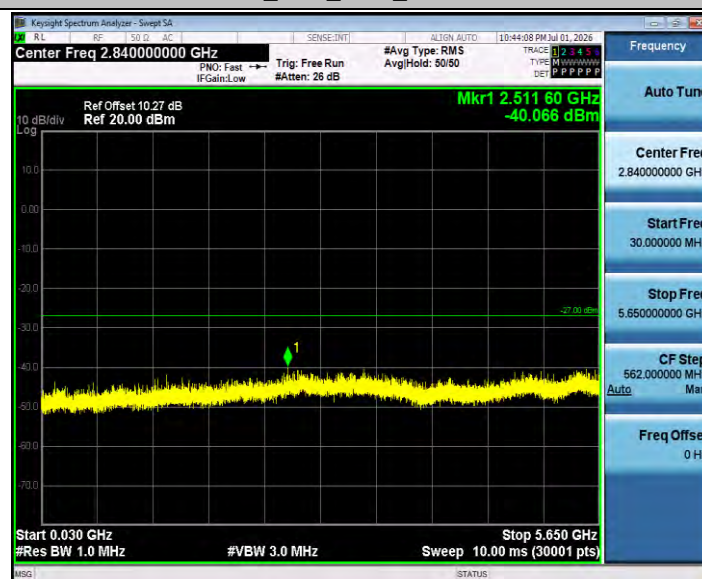
11A_Ant1_5785_30~5650



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



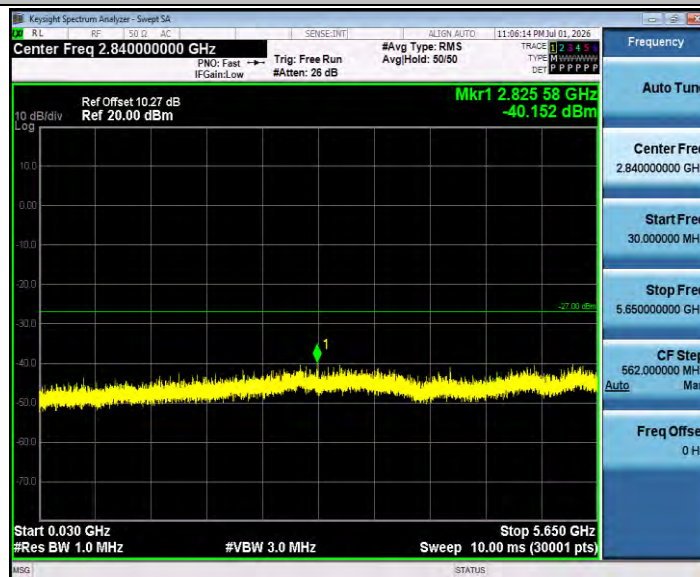
11AC20SISO_Ant1_5745_30~5650



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

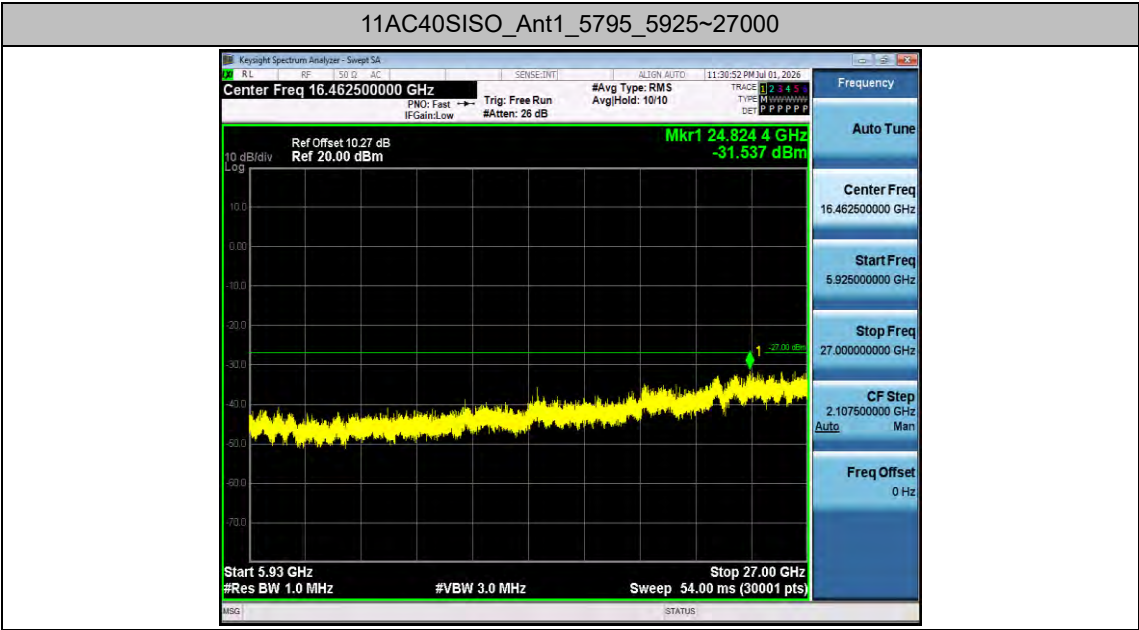


11AC40SISO_Ant1_5755_5925~27000



11AC40SISO_Ant1_5795_30~5650





Appendix D.8:Emissions in Restricted Bands

Test Result

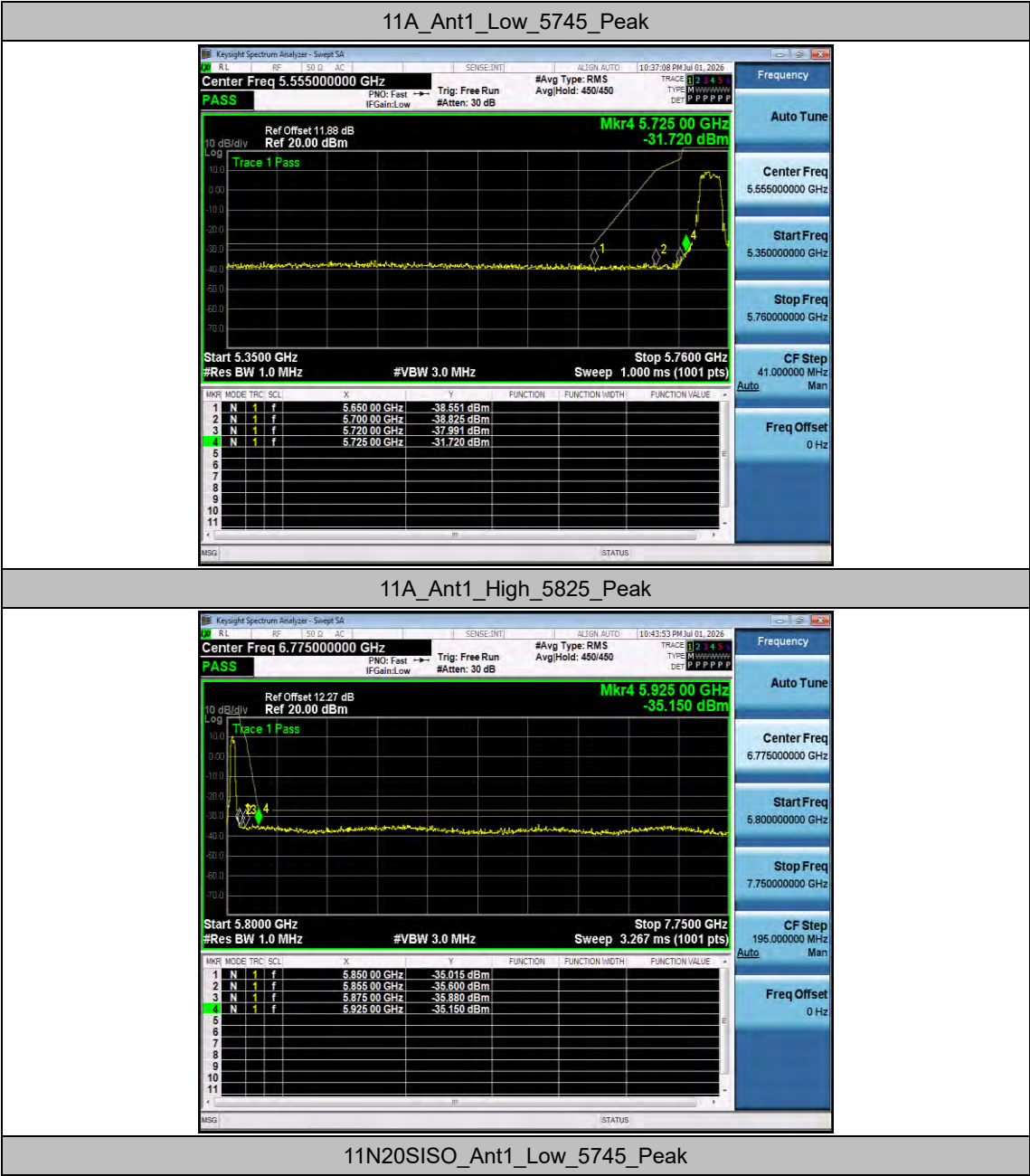
TestMode	Antenna	ChName	Freq (MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5745	Peak	5650.000	-38.551	≤-27.00	---	---	PASS
				Peak	5700.000	-38.83	≤10.00	---	---	PASS
				Peak	5720.000	-37.99	≤15.60	---	---	PASS
				Peak	5725.000	-31.72	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-35.015	≤27.00	---	---	PASS
				Peak	5855.000	-35.6	≤15.60	---	---	PASS
				Peak	5875.000	-35.88	≤10.00	---	---	PASS
				Peak	5925.000	-35.15	≤-27.00	---	---	PASS
11N20SIS O	Ant1	Low	5745	Peak	5650.000	-39.918	≤-27.00	---	---	PASS
				Peak	5700.000	-37.34	≤10.00	---	---	PASS
				Peak	5720.000	-33.7	≤15.60	---	---	PASS
				Peak	5725.000	-28.87	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-32.055	≤27.00	---	---	PASS
				Peak	5855.000	-35.15	≤15.60	---	---	PASS
				Peak	5875.000	-36.22	≤10.00	---	---	PASS
				Peak	5925.000	-36.48	≤-27.00	---	---	PASS
11N40SIS O	Ant1	Low	5755	Peak	5650.000	-38.342	≤-27.00	---	---	PASS
				Peak	5700.000	-38.91	≤10.00	---	---	PASS
				Peak	5720.000	-24.81	≤15.60	---	---	PASS
				Peak	5725.000	-28.5	≤27.00	---	---	PASS
		High	5795	Peak	5850.000	-35.897	≤27.00	---	---	PASS
				Peak	5855.000	-36.13	≤15.60	---	---	PASS
				Peak	5875.000	-35.77	≤10.00	---	---	PASS
				Peak	5925.000	-34.61	≤-27.00	---	---	PASS
11AC20SI SO	Ant1	Low	5745	Peak	5650.000	-39.674	≤-27.00	---	---	PASS
				Peak	5700.000	-39.07	≤10.00	---	---	PASS
				Peak	5720.000	-37.58	≤15.60	---	---	PASS
				Peak	5725.000	-30.01	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-35.234	≤27.00	---	---	PASS
				Peak	5855.000	-35.22	≤15.60	---	---	PASS
				Peak	5875.000	-36.58	≤10.00	---	---	PASS
				Peak	5925.000	-35.41	≤-27.00	---	---	PASS
11AC40SI SO	Ant1	Low	5755	Peak	5650.000	-38.89	≤-27.00	---	---	PASS
				Peak	5700.000	-37.85	≤10.00	---	---	PASS
				Peak	5720.000	-23.01	≤15.60	---	---	PASS
				Peak	5725.000	-23.39	≤27.00	---	---	PASS

		High	5795	Peak	5850.000	-32.316	≤ 27.00	---	---	PASS
				Peak	5855.000	-35.51	≤ 15.60	---	---	PASS
				Peak	5875.000	-34.41	≤ 10.00	---	---	PASS
				Peak	5925.000	-36.31	≤ -27.00	- - -	- - -	PASS

Note:

1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs





11N20SISO_Ant1_High_5825_Peak



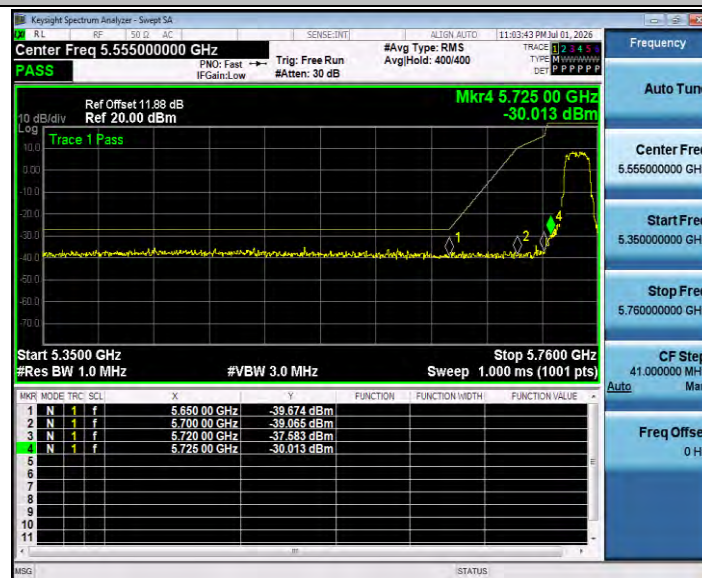
11N40SISO_Ant1_Low_5755_Peak



11N40SISO_Ant1_High_5795_Peak



11AC20SISO_Ant1_Low_5745_Peak



11AC20SISO_Ant1_High_5825_Peak



11AC40SISO_Ant1_Low_5755_Peak



11AC40SISO_Ant1_High_5795_Peak

