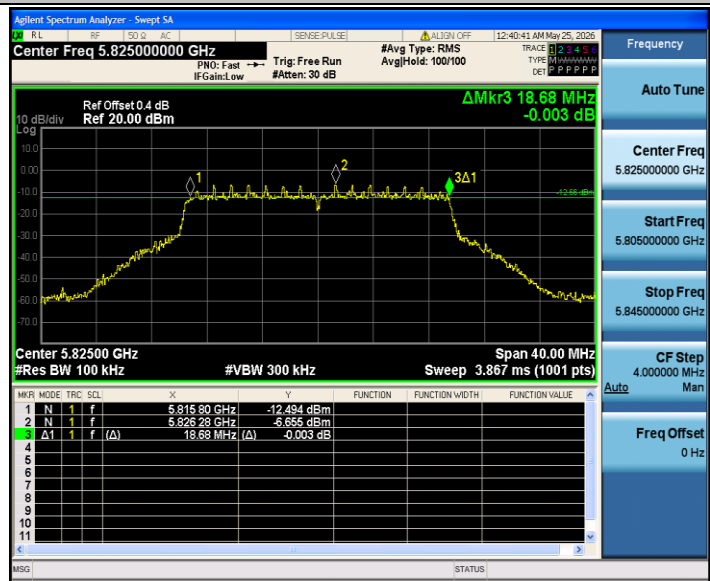
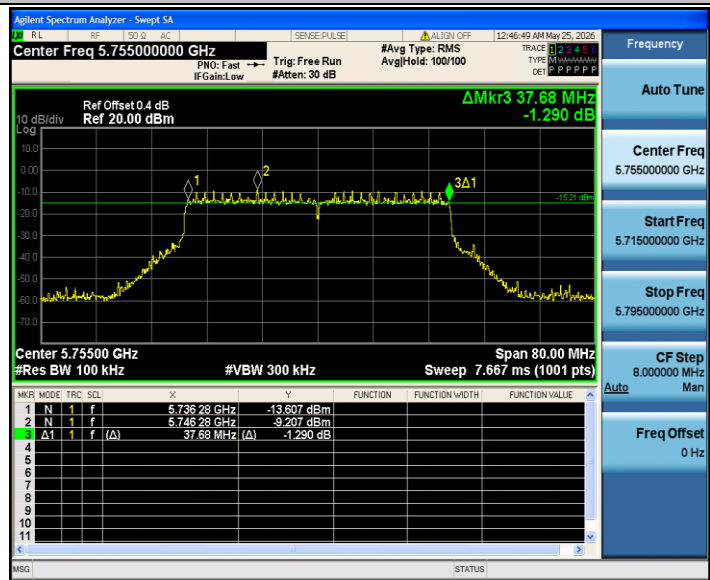


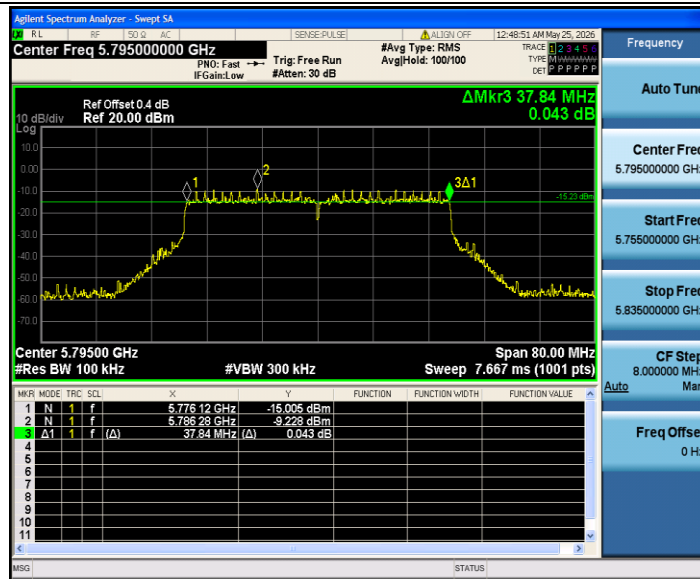
11AC20SISO_Ant1_5825



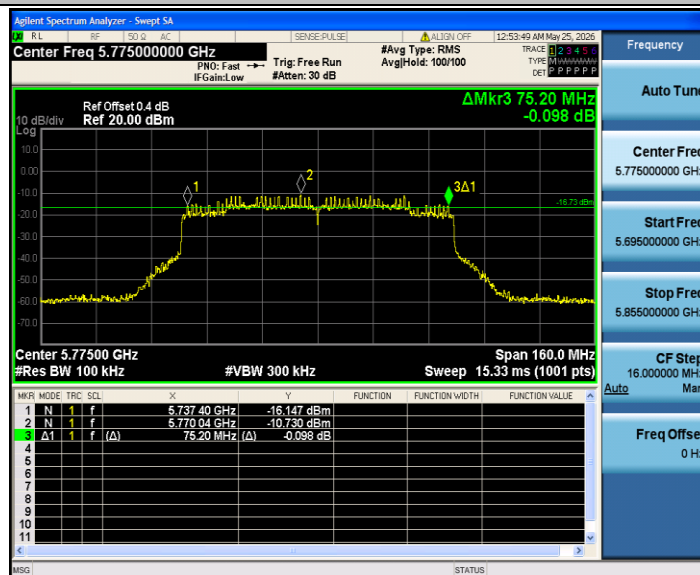
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80ISO_Ant1_5775

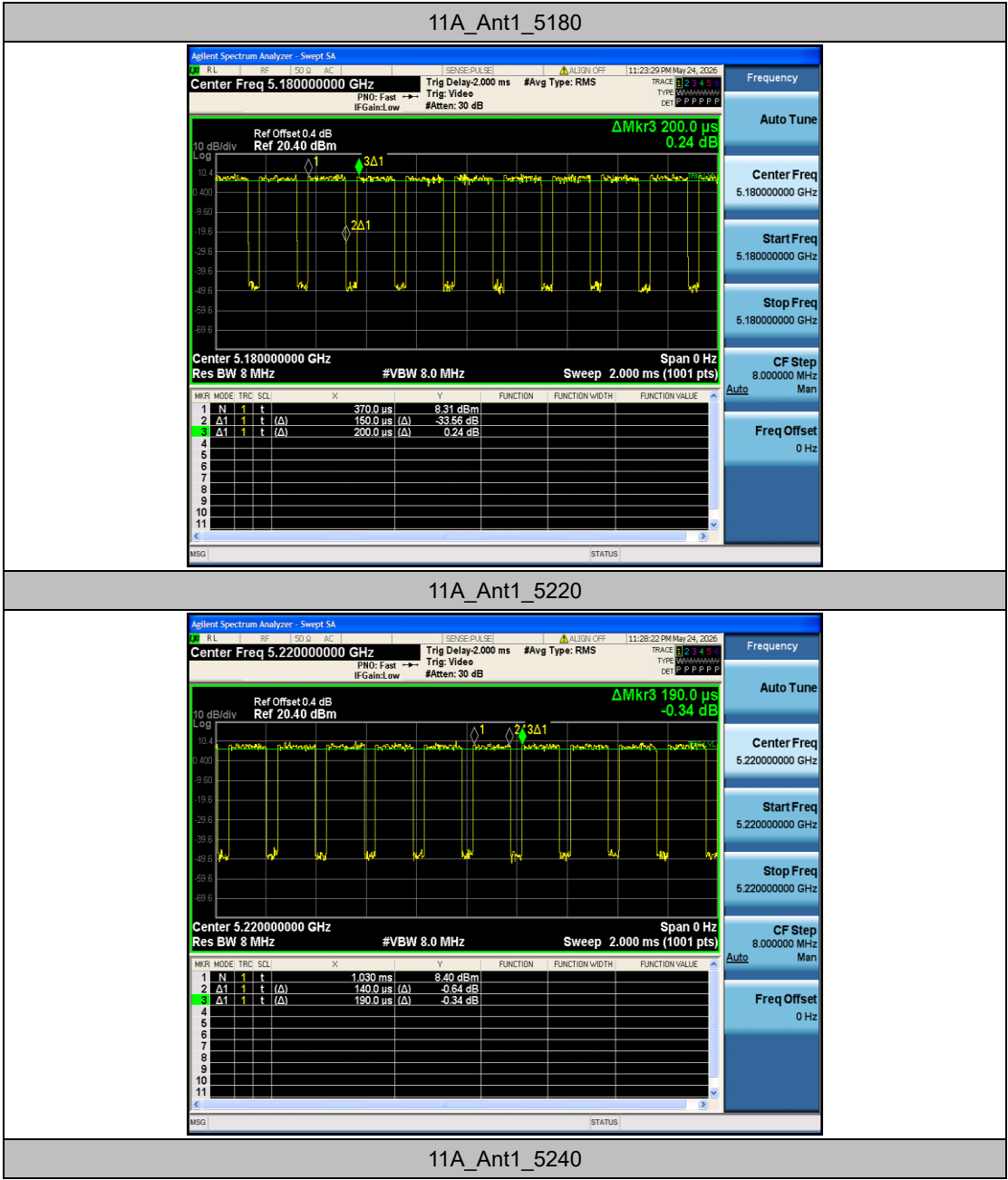


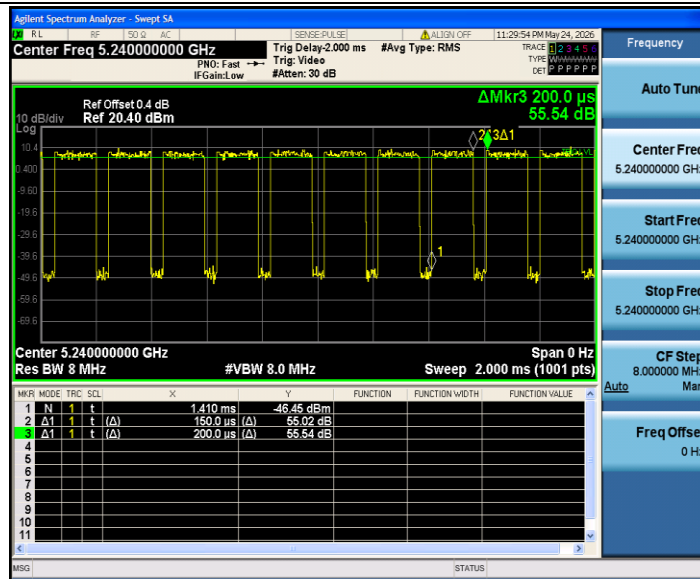
Appendix B: Duty Cycle

Test Result

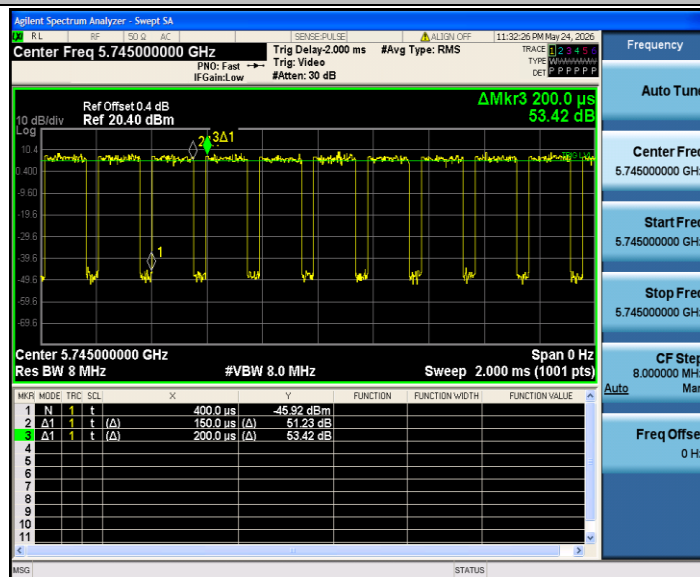
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor [dB]	Limit	Verdict
11A	Ant1	5180	0.15	0.20	75.00	1.25	---	---
		5220	0.14	0.19	73.68	1.33	---	---
		5240	0.15	0.20	75.00	1.25	---	---
		5745	0.15	0.20	75.00	1.25	---	---
		5785	0.15	0.20	75.00	1.25	---	---
		5825	0.15	0.19	78.95	1.03	---	---
11N20SISO	Ant1	5180	0.17	0.22	77.27	1.12	---	---
		5220	0.18	0.22	81.82	0.87	---	---
		5240	0.18	0.23	78.26	1.06	---	---
		5745	0.17	0.22	77.27	1.12	---	---
		5785	0.18	0.23	78.26	1.06	---	---
		5825	0.18	0.23	78.26	1.06	---	---
11N40SISO	Ant1	5190	0.18	0.23	78.26	1.06	---	---
		5230	0.18	0.23	78.26	1.06	---	---
		5755	0.18	0.22	81.82	0.87	---	---
		5795	0.18	0.23	78.26	1.06	---	---
11AC20SISO	Ant1	5180	0.26	0.31	83.87	0.76	---	---
		5220	0.25	0.30	83.33	0.79	---	---
		5240	0.25	0.30	83.33	0.79	---	---
		5745	0.26	0.31	83.87	0.76	---	---
		5785	0.26	0.30	86.67	0.62	---	---
		5825	0.26	0.31	83.87	0.76	---	---
11AC40SISO	Ant1	5190	0.18	0.23	78.26	1.06	---	---
		5230	0.17	0.22	77.27	1.12	---	---
		5755	0.18	0.23	78.26	1.06	---	---
		5795	0.17	0.22	77.27	1.12	---	---
11AC80SISO	Ant1	5210	0.16	0.21	76.19	1.18	---	---
		5775	0.16	0.21	76.19	1.18	---	---

Test Graphs

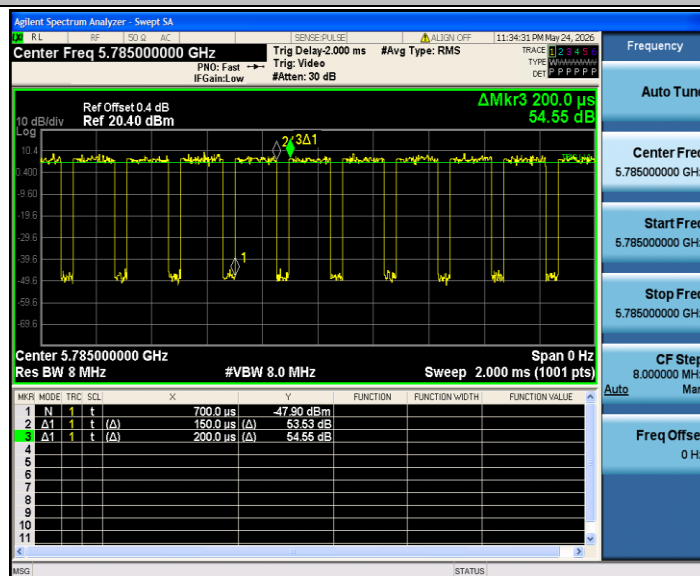




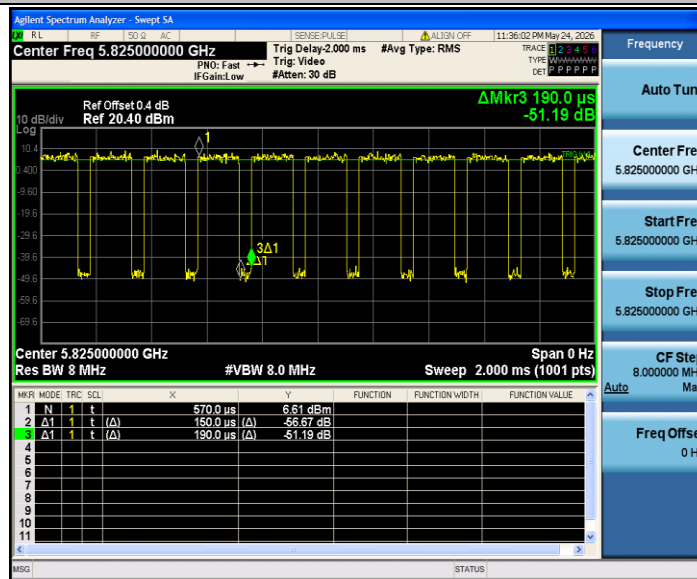
11A_Ant1_5745



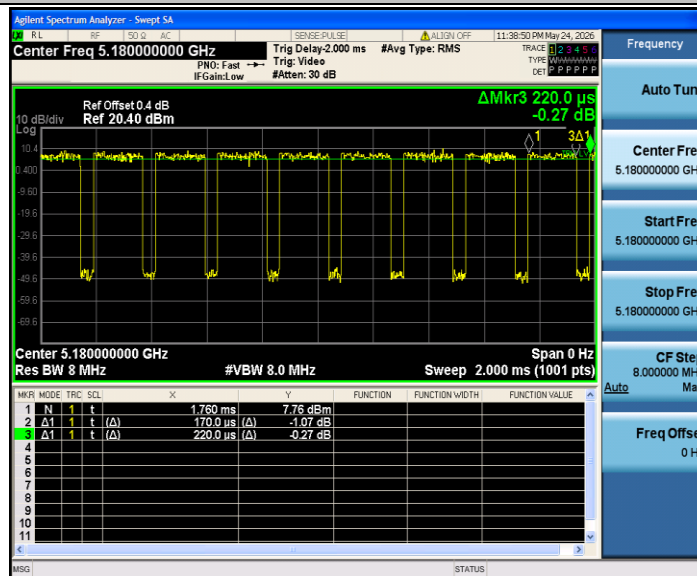
11A_Ant1_5785



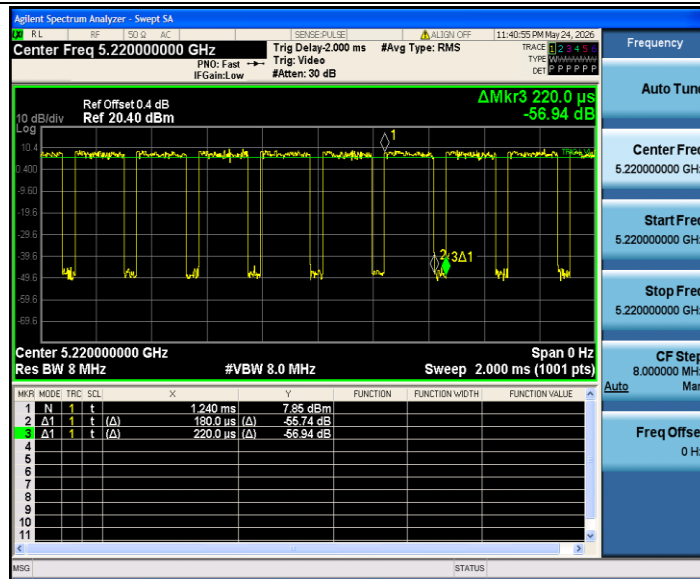
11A_Ant1_5825



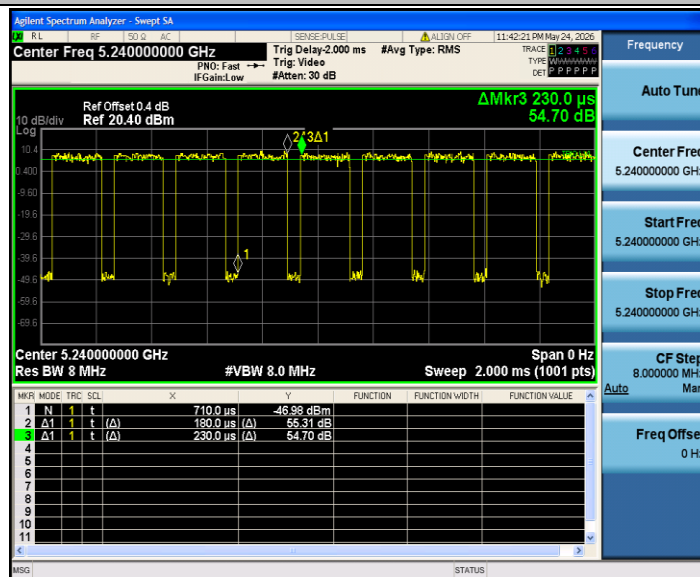
11N20SISO_Ant1_5180



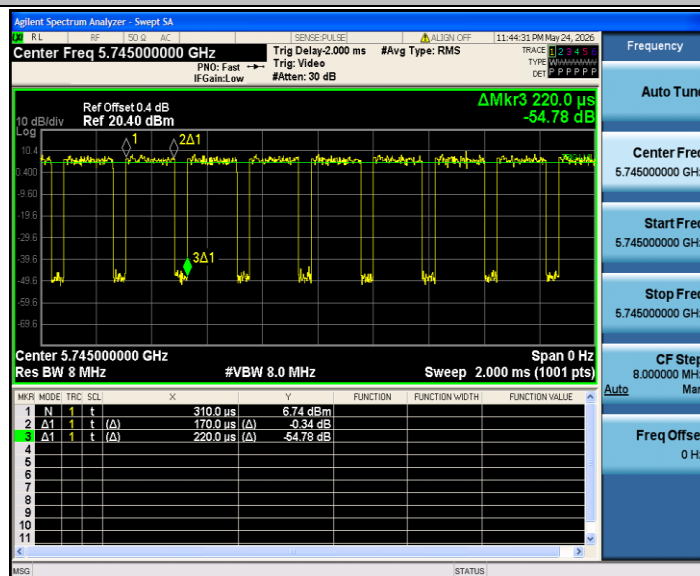
11N20SISO_Ant1_5220



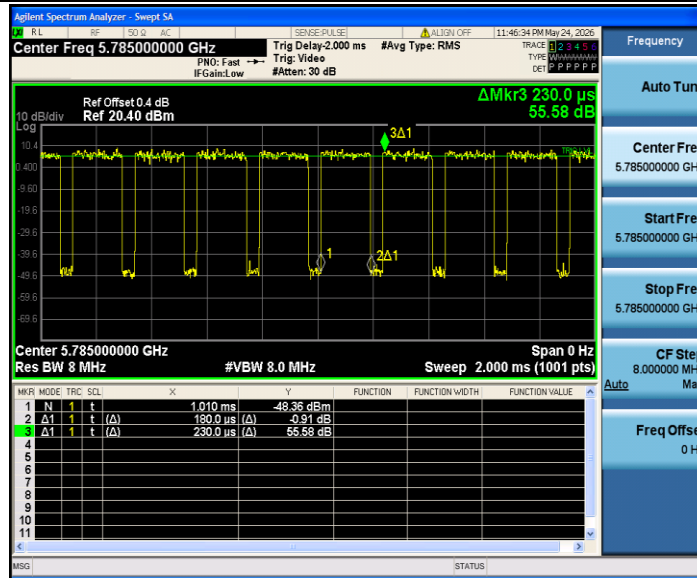
11N20SISO_Ant1_5240



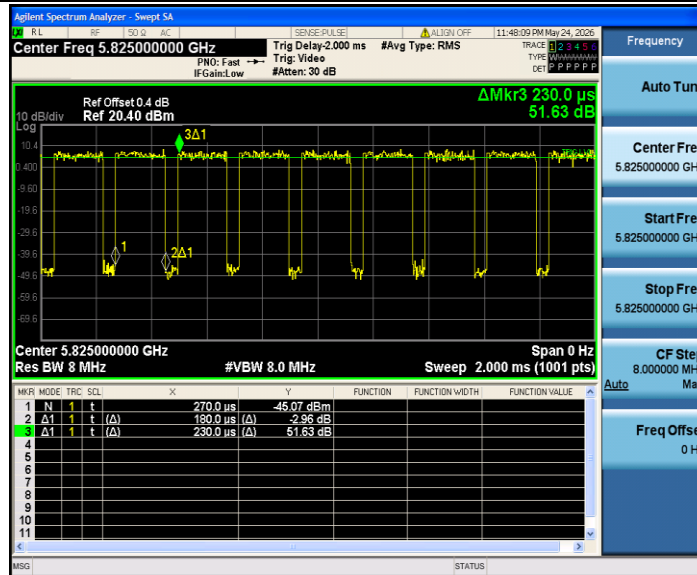
11N20SISO_Ant1_5745



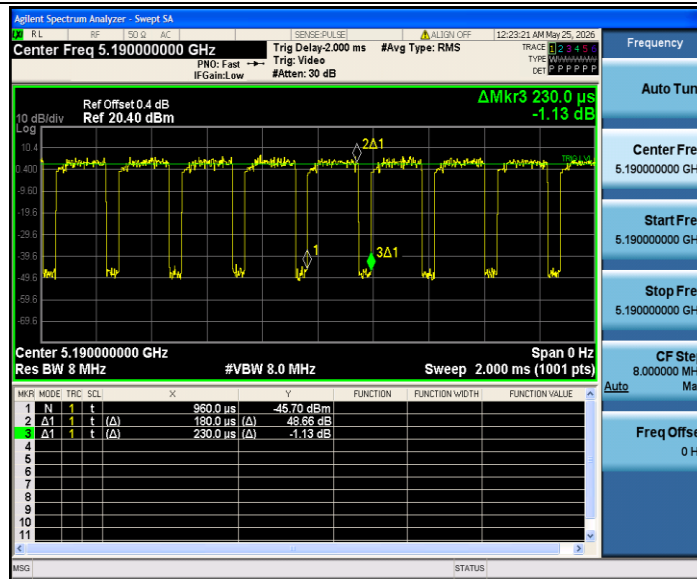
11N20SISO_Ant1_5785



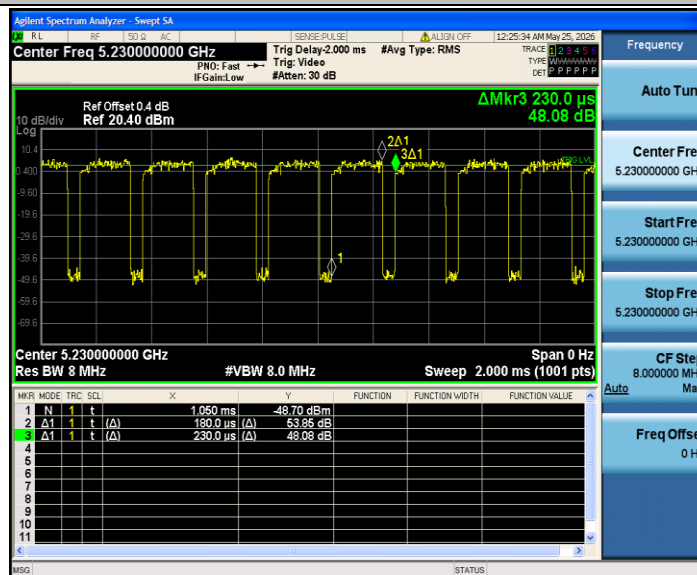
11N20SISO_Ant1_5825



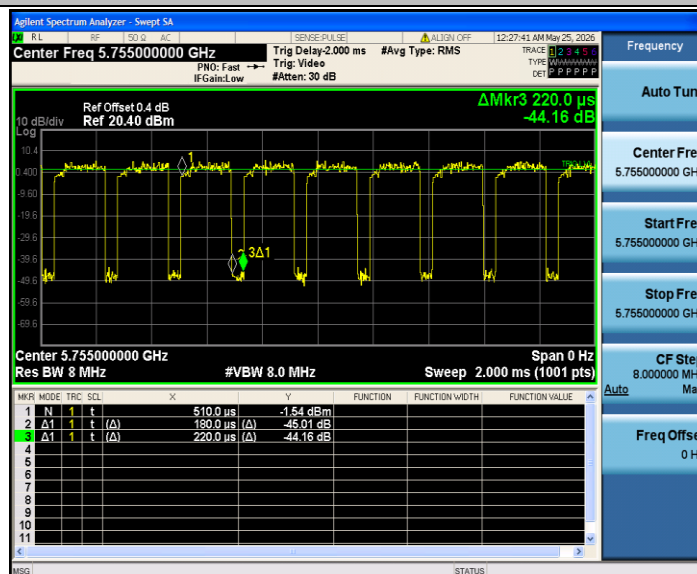
11N40SISO_Ant1_5190



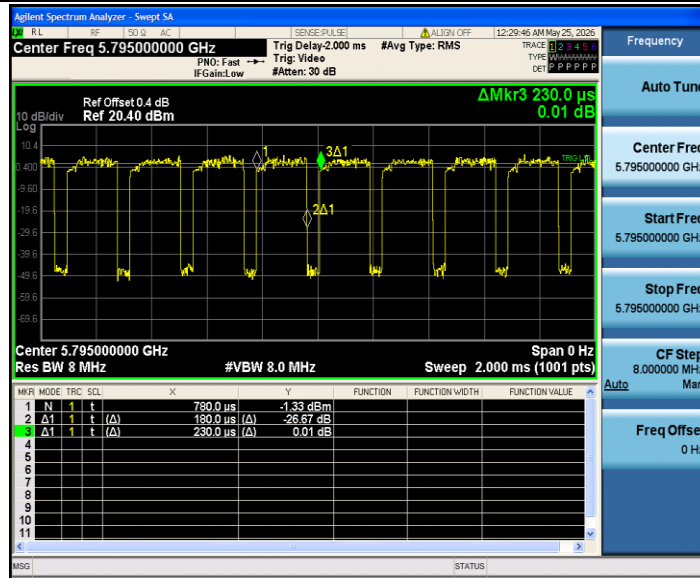
11N40SISO_Ant1_5230



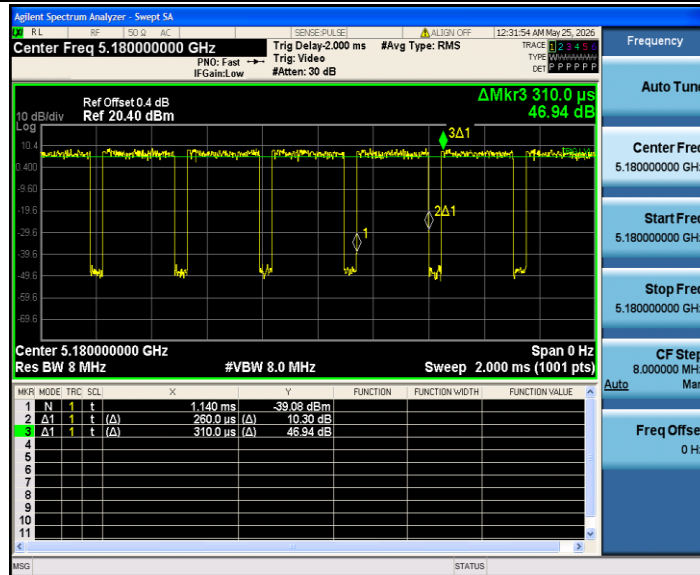
11N40SISO_Ant1_5755



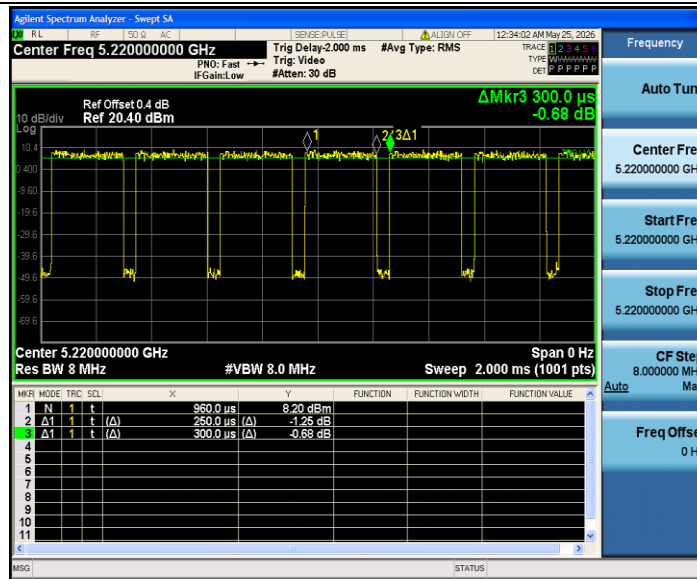
11N40SISO_Ant1_5795



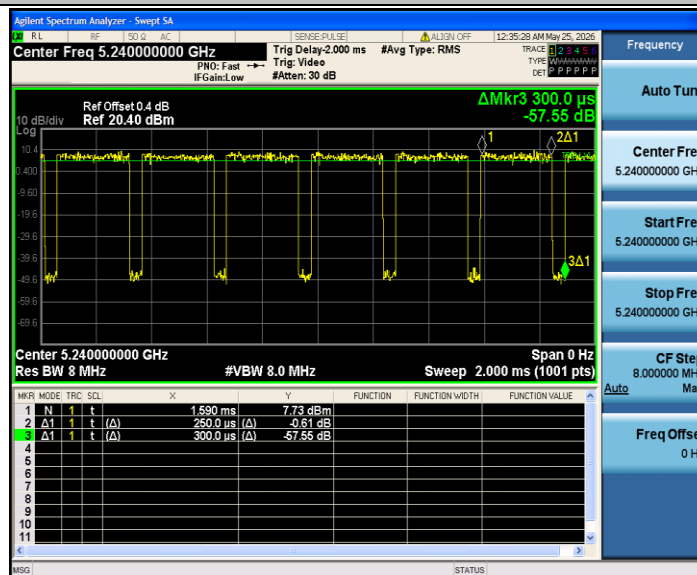
11AC20SISO_Ant1_5180



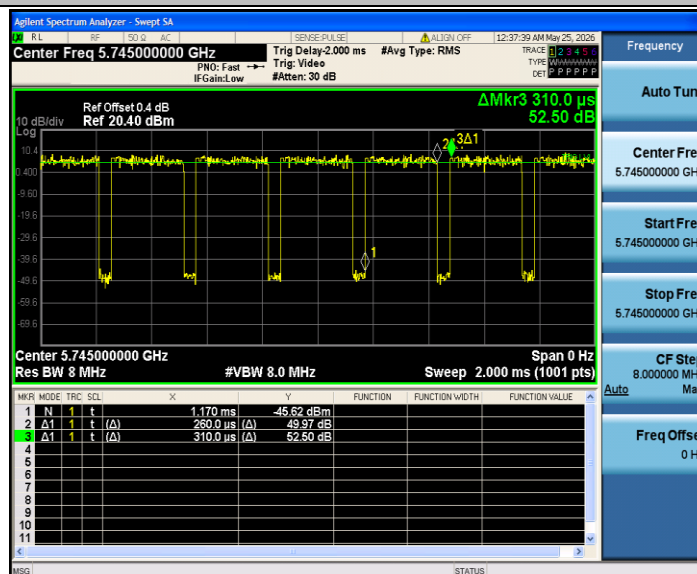
11AC20SISO_Ant1_5220



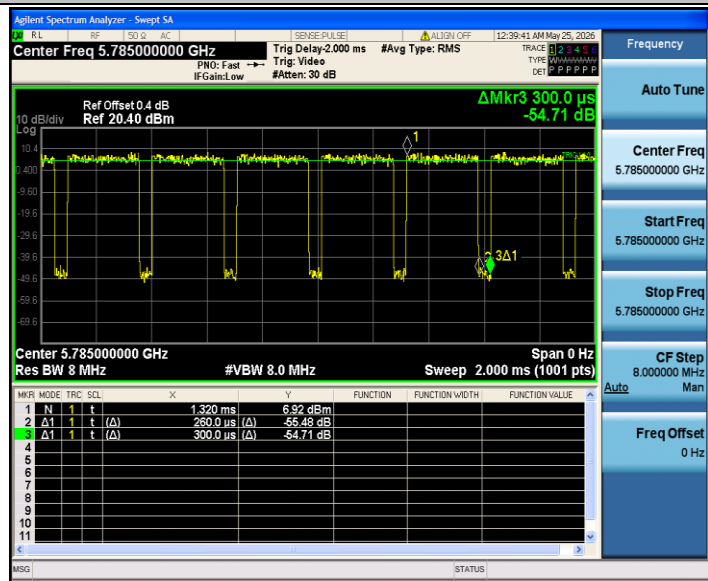
11AC20SISO_Ant1_5240



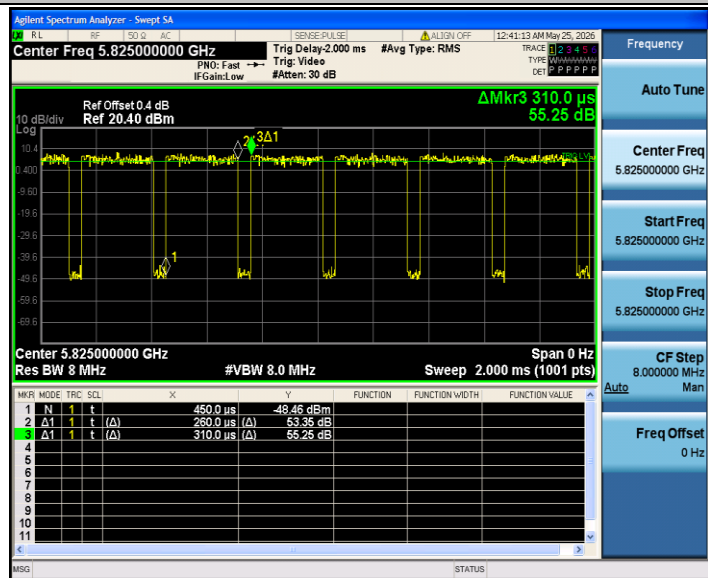
11AC20SISO_Ant1_5745



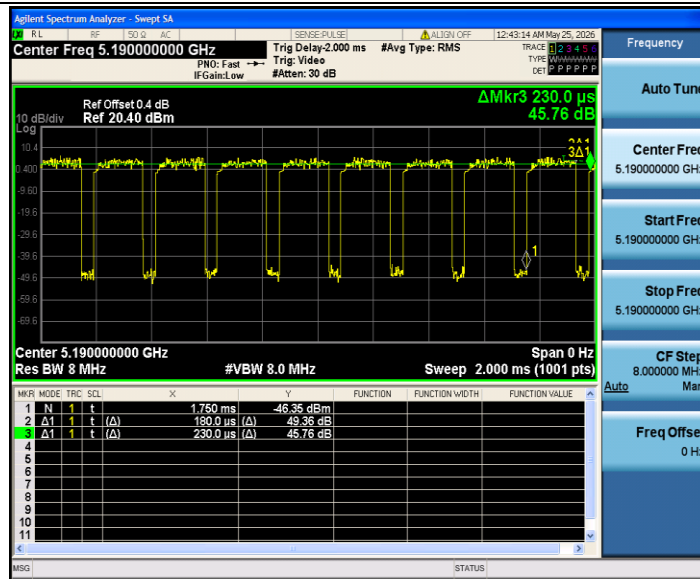
11AC20SISO_Ant1_5785



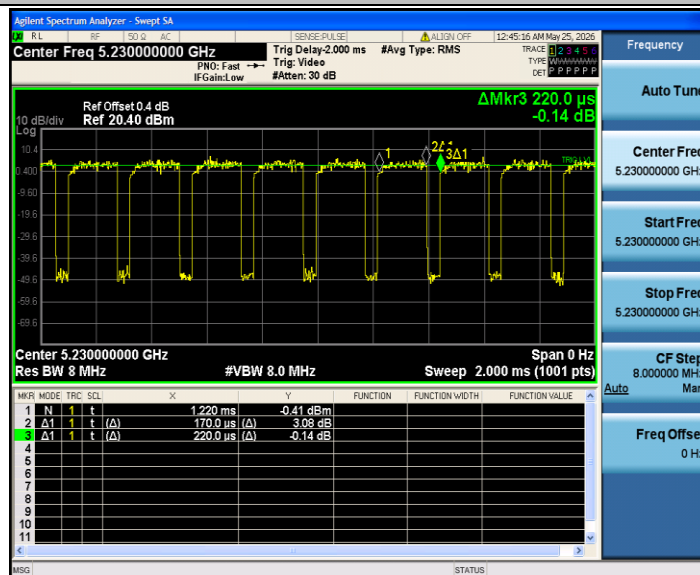
11AC20SISO_Ant1_5825



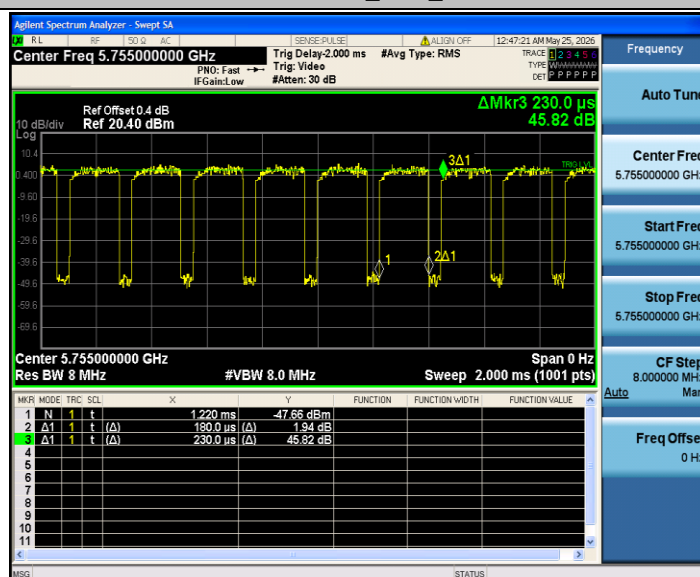
11AC40SISO_Ant1_5190



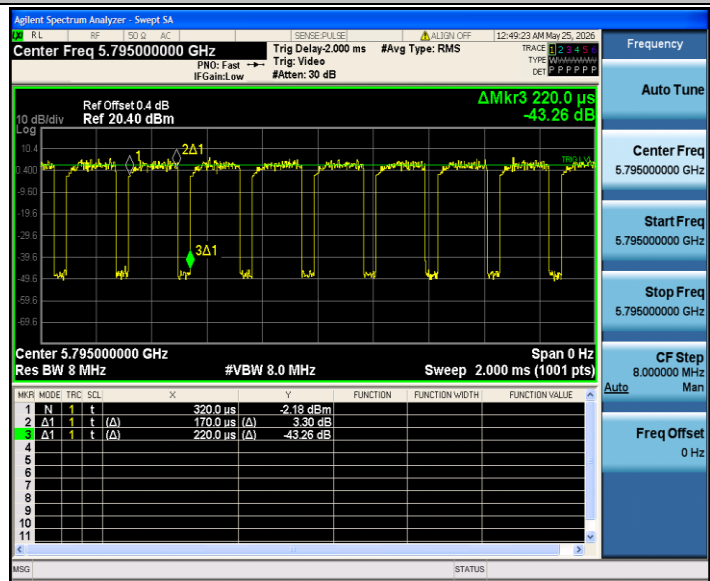
11AC40SISO_Ant1_5230



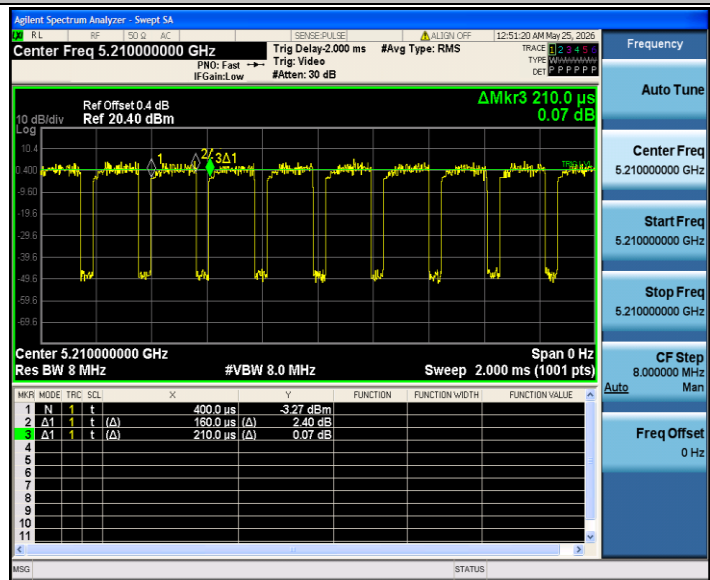
11AC40SISO_Ant1_5755



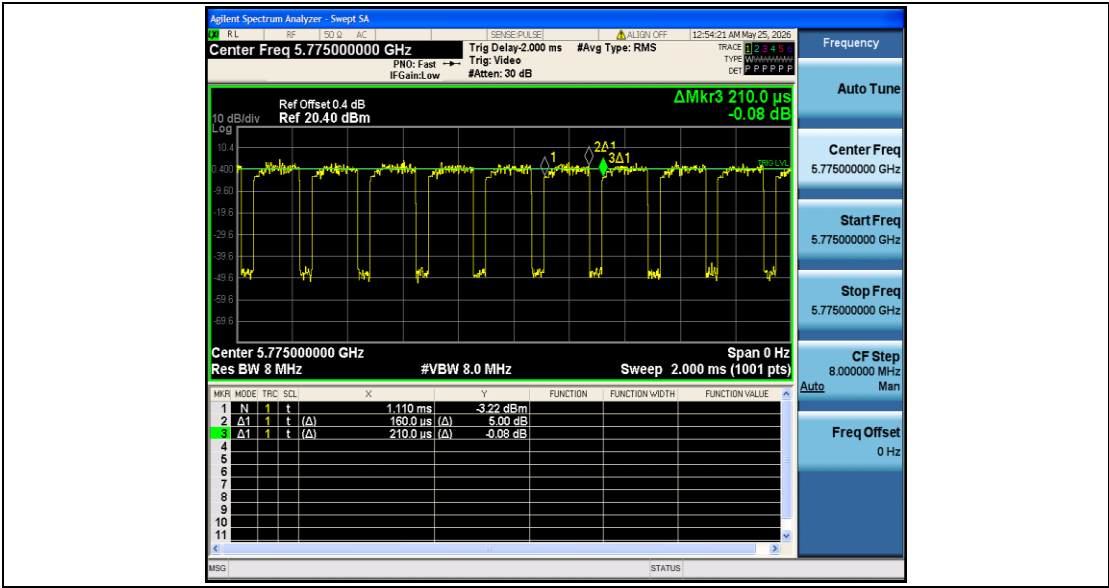
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



Appendix C: 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	Ant1	5180	4.28	75.00	1.25	5.53	≤23.98	PASS
		5220	4.23	73.68	1.33	5.56	≤23.98	PASS
		5240	4.00	75.00	1.25	5.25	≤23.98	PASS
		5745	3.62	75.00	1.25	4.87	≤30.00	PASS
		5785	3.58	75.00	1.25	4.83	≤30.00	PASS
		5825	3.48	78.95	1.03	4.51	≤30.00	PASS
11N20SI SO	Ant1	5180	4.06	77.27	1.12	5.18	≤23.98	PASS
		5220	4.31	81.82	0.87	5.18	≤23.98	PASS
		5240	3.99	78.26	1.06	5.05	≤23.98	PASS
		5745	3.68	77.27	1.12	4.80	≤30.00	PASS
		5785	3.68	78.26	1.06	4.74	≤30.00	PASS
		5825	3.54	78.26	1.06	4.60	≤30.00	PASS
11N40SI SO	Ant1	5190	3.89	78.26	1.06	4.95	≤23.98	PASS
		5230	4.16	78.26	1.06	5.22	≤23.98	PASS
		5755	3.80	81.82	0.87	4.67	≤30.00	PASS
		5795	3.82	78.26	1.06	4.88	≤30.00	PASS
11AC20S ISO	Ant1	5180	3.89	83.87	0.76	4.65	≤23.98	PASS
		5220	4.18	83.33	0.79	4.97	≤23.98	PASS
		5240	4.06	83.33	0.79	4.85	≤23.98	PASS
		5745	3.83	83.87	0.76	4.59	≤30.00	PASS
		5785	3.85	86.67	0.62	4.47	≤30.00	PASS
		5825	3.62	83.87	0.76	4.38	≤30.00	PASS
11AC40S ISO	Ant1	5190	3.67	78.26	1.06	4.73	≤23.98	PASS
		5230	3.87	77.27	1.12	4.99	≤23.98	PASS
		5755	3.60	78.26	1.06	4.66	≤30.00	PASS
		5795	3.61	77.27	1.12	4.73	≤30.00	PASS
11AC80S ISO	Ant1	5210	4.21	76.19	1.18	5.39	≤23.98	PASS
		5775	3.83	76.19	1.18	5.01	≤30.00	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	RawData [dBm/MHz]	DC Factor [dBm]	RBW Factor [dBm]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	-5.96	1.25	0.00	-4.71	≤11.00	PASS
		5220	-5.73	1.33	0.00	-4.40	≤11.00	PASS
		5240	-6.38	1.25	0.00	-5.13	≤11.00	PASS
		5745	-12.03	1.25	2.22	-8.56	≤30.00	PASS
		5785	-12.21	1.25	2.22	-8.74	≤30.00	PASS
		5825	-12.03	1.03	2.22	-8.78	≤30.00	PASS
11N20SISO	Ant1	5180	-6.29	1.12	0.00	-5.17	≤11.00	PASS
		5220	-5.86	0.87	0.00	-4.99	≤11.00	PASS
		5240	-6.22	1.06	0.00	-5.16	≤11.00	PASS
		5745	-12.15	1.12	2.22	-8.81	≤30.00	PASS
		5785	-11.54	1.06	2.22	-8.26	≤30.00	PASS
		5825	-12.37	1.06	2.22	-9.09	≤30.00	PASS
11N40SISO	Ant1	5190	-9.58	1.06	0.00	-8.52	≤11.00	PASS
		5230	-9.68	1.06	0.00	-8.62	≤11.00	PASS
		5755	-14.53	0.87	2.22	-11.44	≤30.00	PASS
		5795	-15.24	1.06	2.22	-11.96	≤30.00	PASS
11AC20SISO	Ant1	5180	-6.67	0.76	0.00	-5.91	≤11.00	PASS
		5220	-6.41	0.79	0.00	-5.62	≤11.00	PASS
		5240	-6.39	0.79	0.00	-5.60	≤11.00	PASS
		5745	-12.27	0.76	2.22	-9.29	≤30.00	PASS
		5785	-12.53	0.62	2.22	-9.69	≤30.00	PASS
		5825	-12.9	0.76	2.22	-9.92	≤30.00	PASS
11AC40SISO	Ant1	5190	-9.74	1.06	0.00	-8.68	≤11.00	PASS
		5230	-9.42	1.12	0.00	-8.30	≤11.00	PASS
		5755	-15.47	1.06	2.22	-12.19	≤30.00	PASS
		5795	-15.49	1.12	2.22	-12.15	≤30.00	PASS
11AC80SISO	Ant1	5210	-12.31	1.18	0.00	-11.13	≤11.00	PASS
		5775	-17.5	1.18	2.22	-14.10	≤30.00	PASS

Total Power Spectral Density (dBm/MHz)= Power Spectral Density (dBm/MHz)+ Duty Factor (dB)

Remark: P.S.D(dBm/500KHz)= P.S.D(dBm/300KHz)+10 log (500 kHz/300KHz)+ Duty factor.

RBW factor = 10 log (500 KHz / 300 KHz) = 2.22 dB

Test Graphs

11A_Ant1_5180



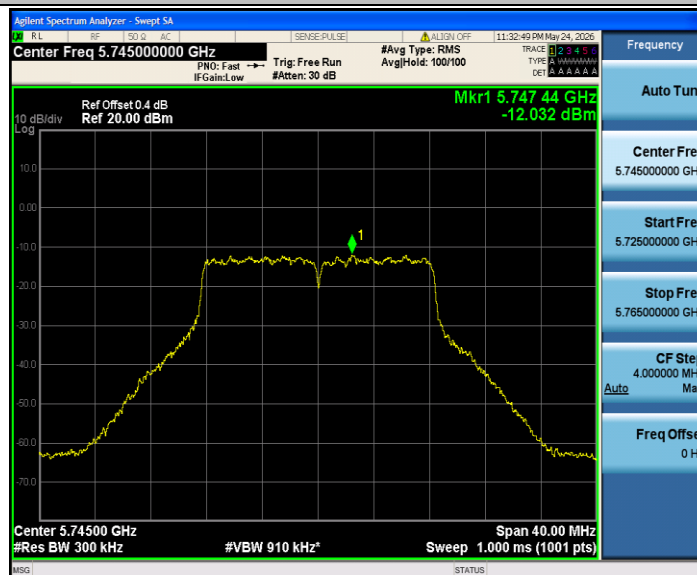
11A_Ant1_5220



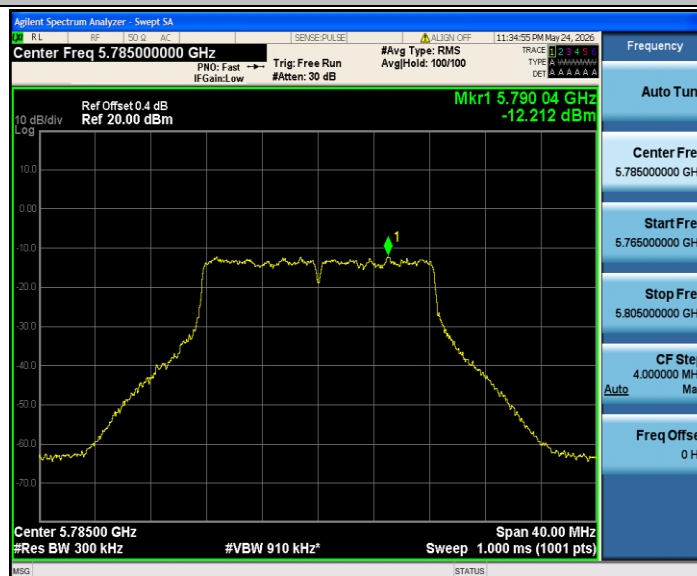
11A_Ant1_5240



11A_Ant1_5745



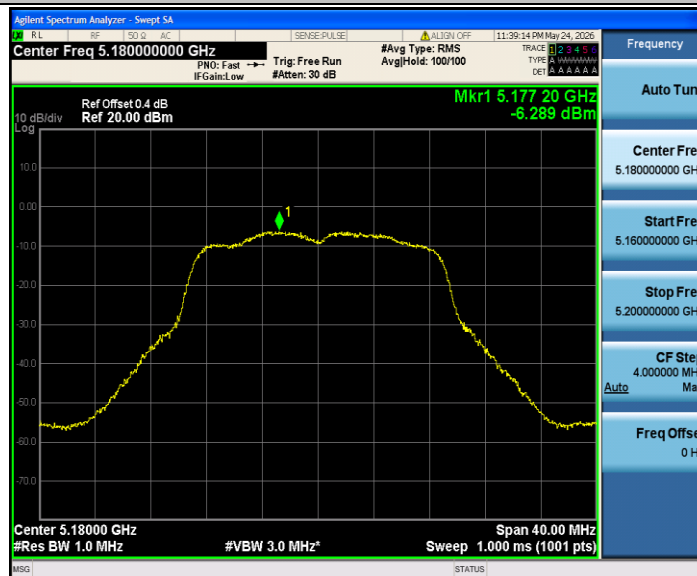
11A_Ant1_5785



11A_Ant1_5825



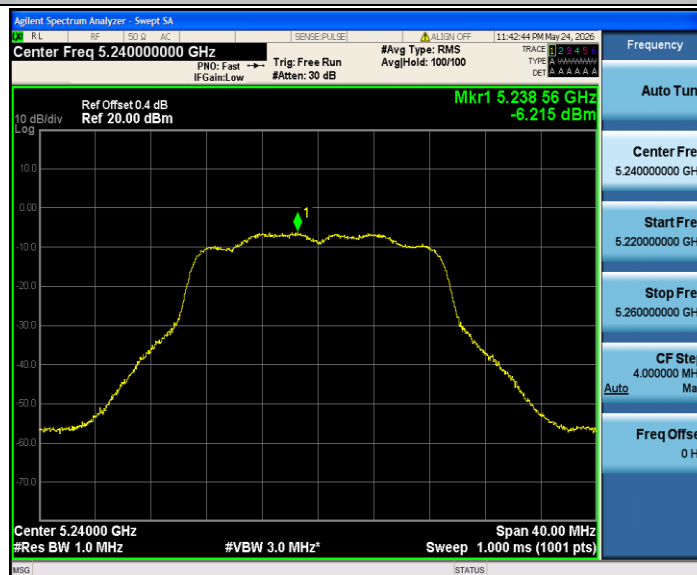
11N20SISO_Ant1_5180



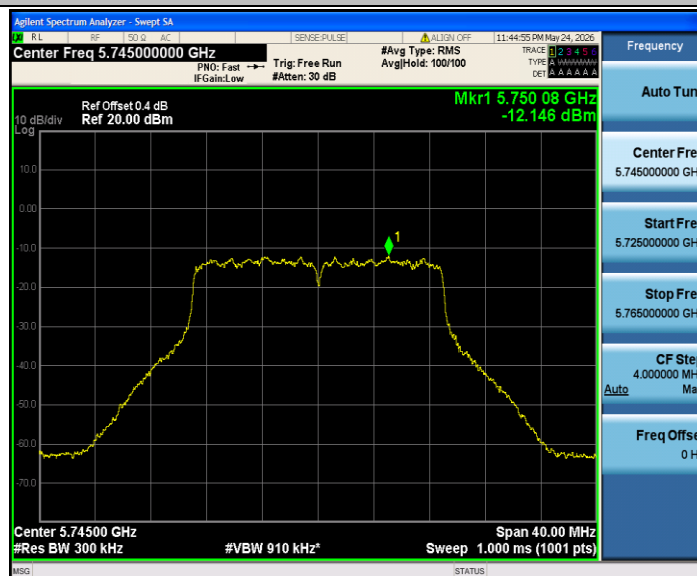
11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



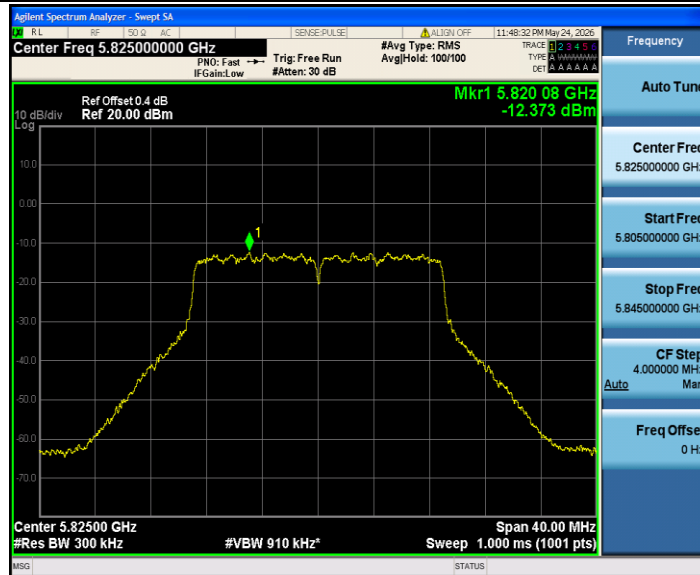
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



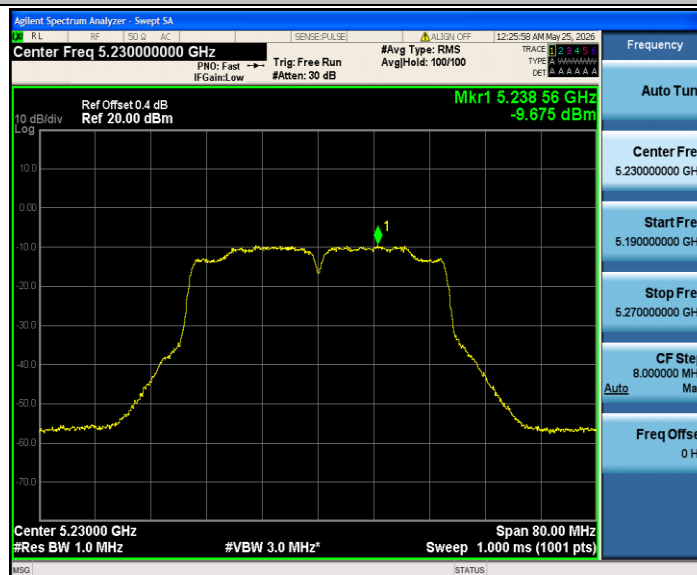
11N20SISO_Ant1_5825



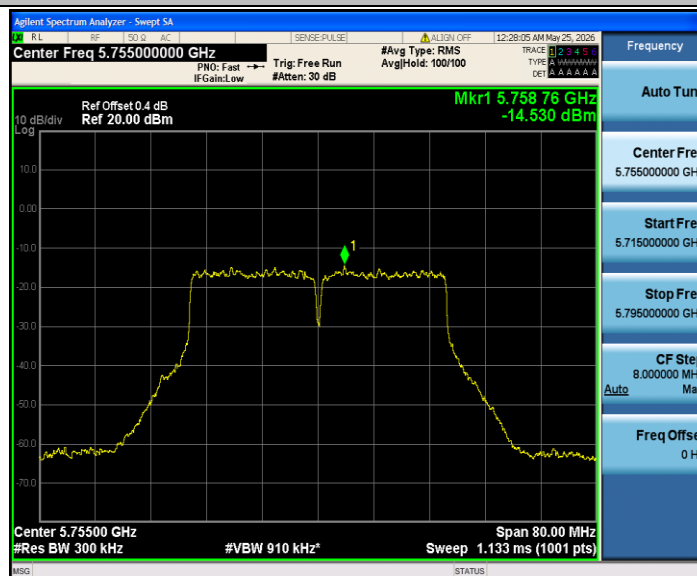
11N40SISO_Ant1_5190



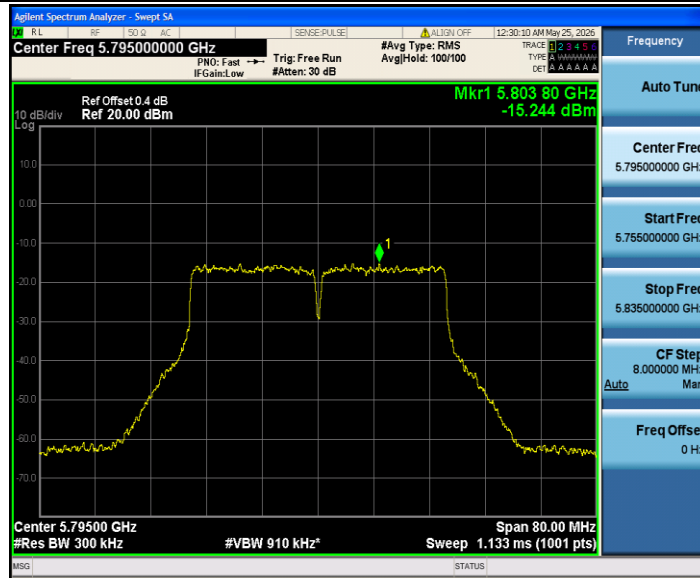
11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



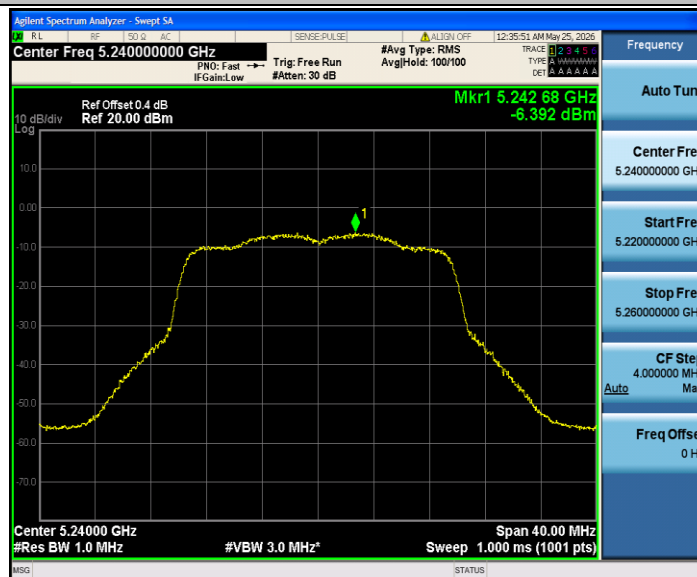
11AC20SISO_Ant1_5180



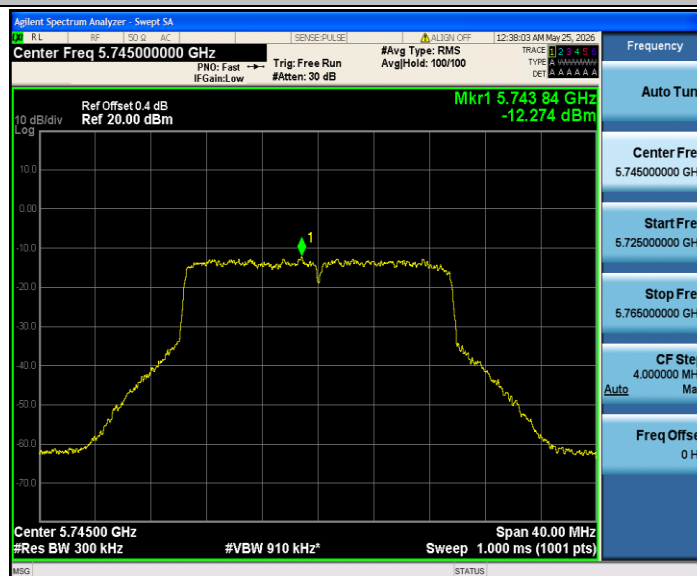
11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



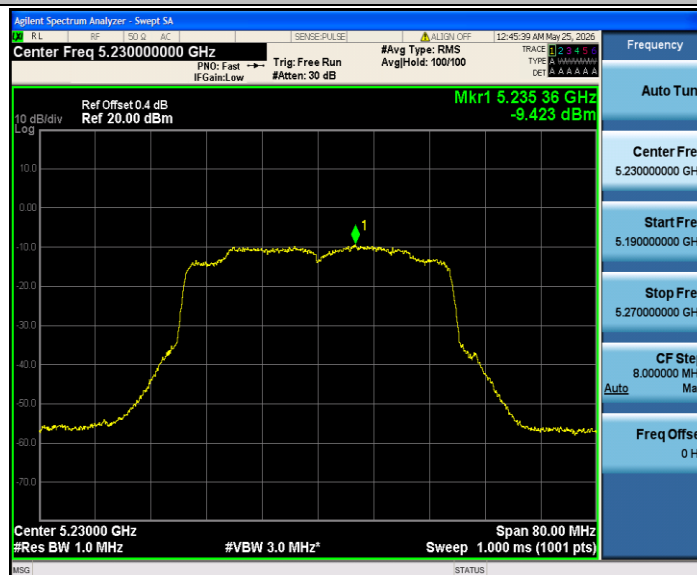
11AC20SISO_Ant1_5825



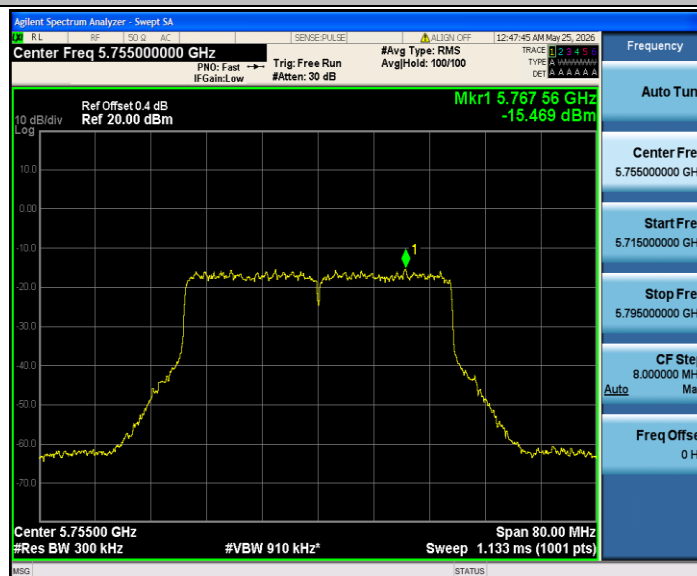
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



Appendix E: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-47.01	≤-27	PASS
		High	5240	-46.82	≤-27	PASS
11N20SISO	Ant1	Low	5180	-47.13	≤-27	PASS
		High	5240	-47.43	≤-27	PASS
11N40SISO	Ant1	Low	5190	-46.38	≤-27	PASS
		High	5230	-46.89	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-46.73	≤-27	PASS
		High	5240	-46.8	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-45.7	≤-27	PASS
		High	5230	-46.21	≤-27	PASS
11AC80SISO	Ant1	Low	5210	-47.03	≤-27	PASS
		High	5210	-45.36	≤-27	PASS

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5645~5650	-48.57	≤-27	PASS
				5650~5700	-48.31	≤-25.25	PASS
				5700~5720	-48.95	≤10.80	PASS
				5720~5725	-48.57	≤16.08	PASS
		High	5825	5850~5855	-46.94	≤16.65	PASS
				5855~5875	-48.26	≤10.17	PASS
				5875~5925	-48.76	≤-26.81	PASS
				5925~5935	-48.61	≤-27	PASS
11N20SISO	Ant1	Low	5745	5645~5650	-49.6	≤-27	PASS
				5650~5700	-49.69	≤-25.93	PASS
				5700~5720	-48.67	≤10.12	PASS
				5720~5725	-47.61	≤16.60	PASS
		High	5825	5850~5855	-49.2	≤16.34	PASS
				5855~5875	-48.48	≤10.21	PASS
				5875~5925	-49.5	≤-26.01	PASS
				5925~5935	-48.71	≤-27	PASS
11N40SISO	Ant1	Low	5755	5645~5650	-49.51	≤-27	PASS
				5650~5700	-50.29	≤-26.80	PASS
				5700~5720	-47.31	≤10.51	PASS
				5720~5725	-46.29	≤16.66	PASS

		High	5795	5850~5855	-48.98	≤ 17.16	PASS
				5855~5875	-48.18	≤ 10.71	PASS
				5875~5925	-49.73	≤ -26.95	PASS
				5925~5935	-48.63	≤ -27	PASS
11AC20S ISO	Ant1	Low	5745	5645~5650	-48.69	≤ -27	PASS
				5650~5700	-49.86	≤ -26.96	PASS
				5700~5720	-48.24	≤ 10.15	PASS
				5720~5725	-47.05	≤ 15.82	PASS
		High	5825	5850~5855	-47.73	≤ 15.73	PASS
				5855~5875	-47.39	≤ 10.17	PASS
				5875~5925	-49.11	≤ -26.91	PASS
				5925~5935	-48.21	≤ -27	PASS
11AC40S ISO	Ant1	Low	5755	5645~5650	-48.98	≤ -27	PASS
				5650~5700	-49.39	≤ -26.90	PASS
				5700~5720	-47.78	≤ 10.25	PASS
				5720~5725	-45.89	≤ 15.74	PASS
		High	5795	5850~5855	-49.4	≤ 15.66	PASS
				5855~5875	-48.08	≤ 10.20	PASS
				5875~5925	-49.46	≤ -26.83	PASS
				5925~5935	-48.76	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5645~5650	-49.19	≤ -27	PASS
				5650~5700	-49.42	≤ -26.80	PASS
				5700~5720	-47.55	≤ 10.09	PASS
				5720~5725	-45.04	≤ 16.00	PASS
		High	5775	5850~5855	-47.25	≤ 15.84	PASS
				5855~5875	-47.88	≤ 10.50	PASS
				5875~5925	-49.75	≤ -26.87	PASS
				5925~5935	-48.31	≤ -27	PASS

Test Graphs B1

