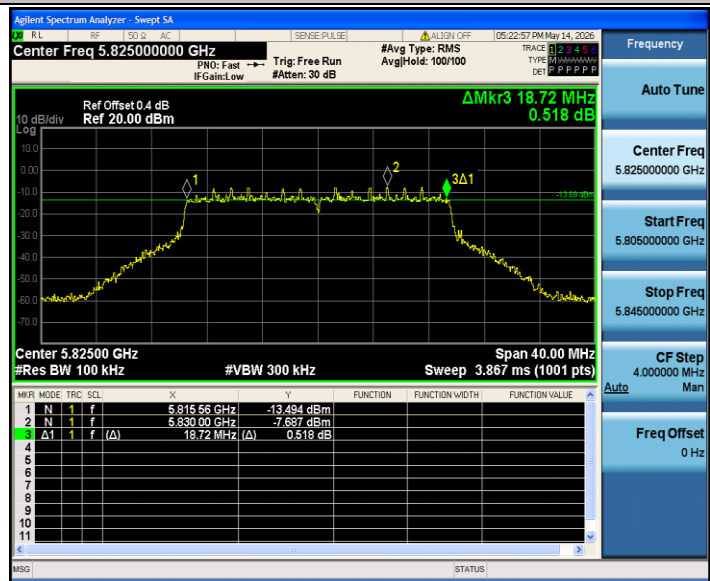
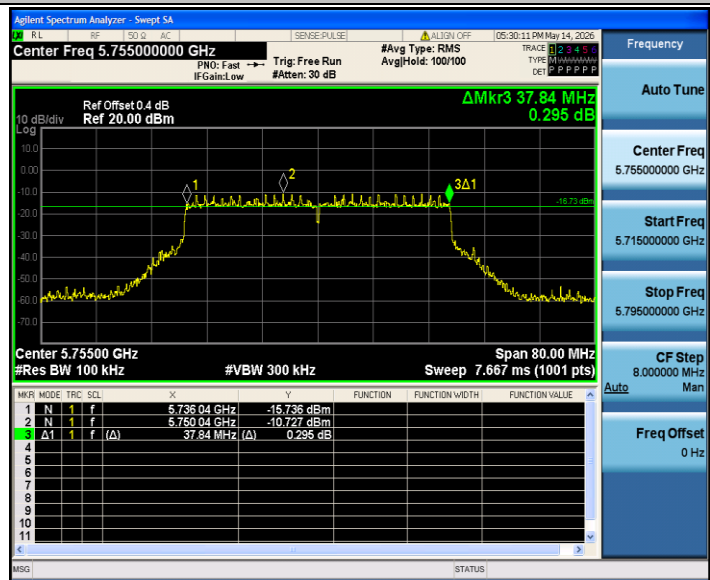


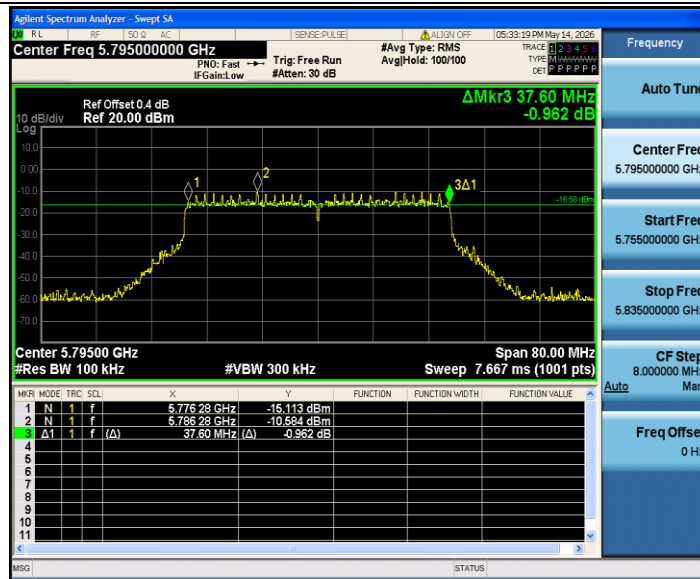
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80ISO_Ant1_5775

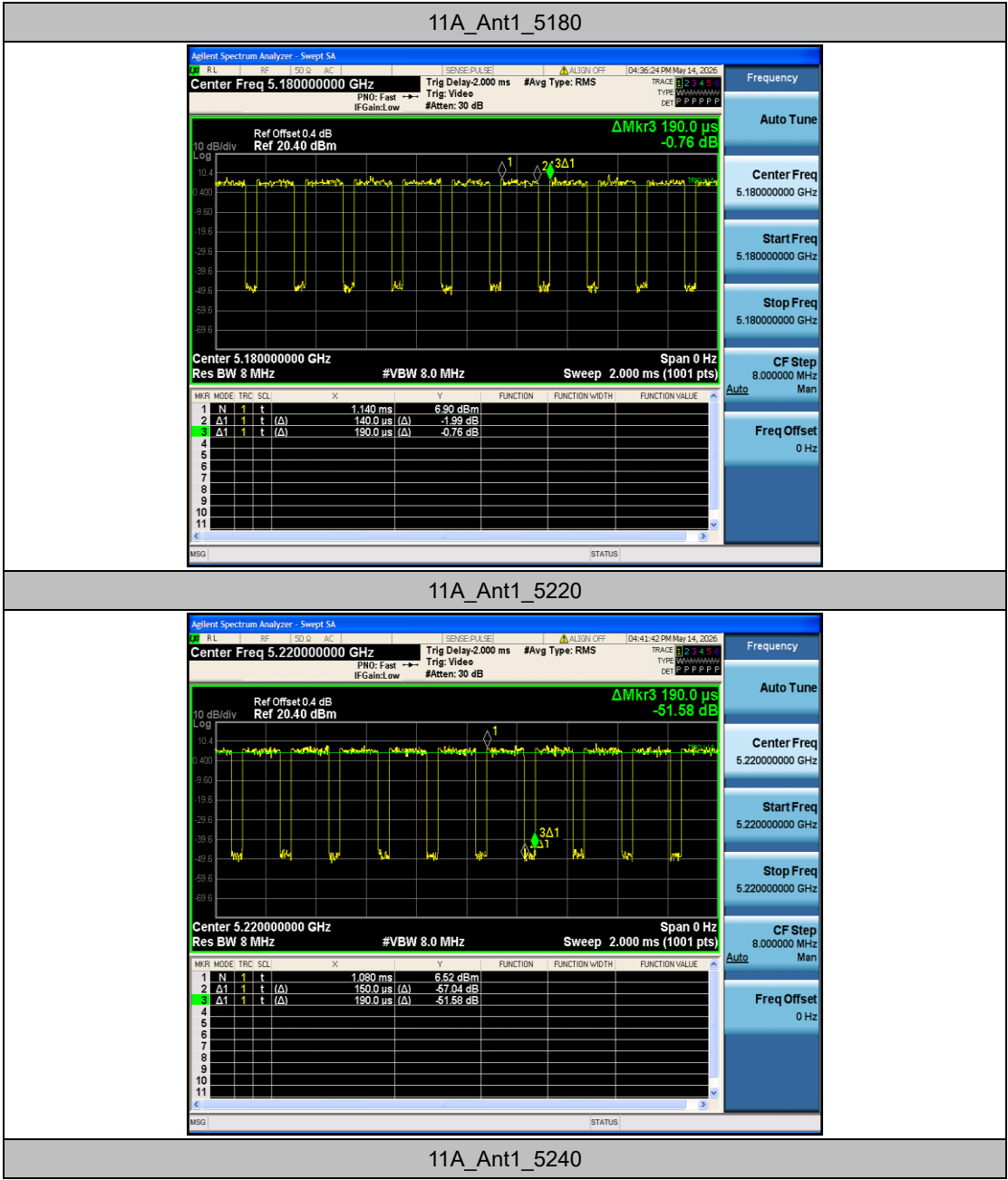


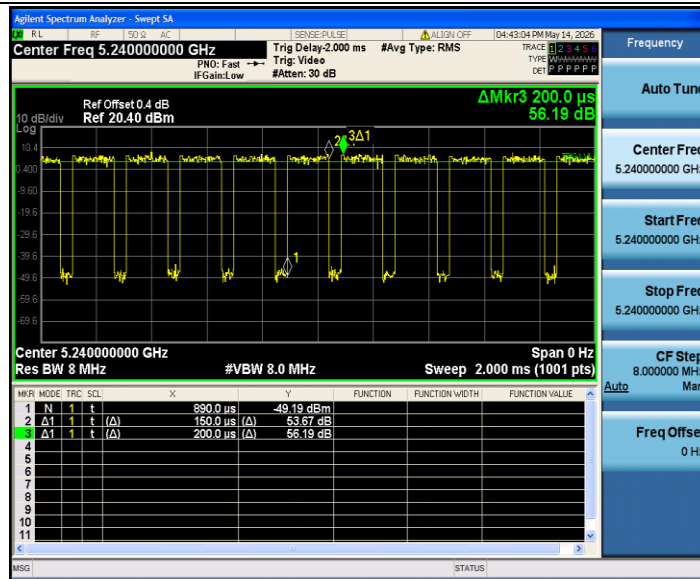
Appendix B: Duty Cycle

Test Result

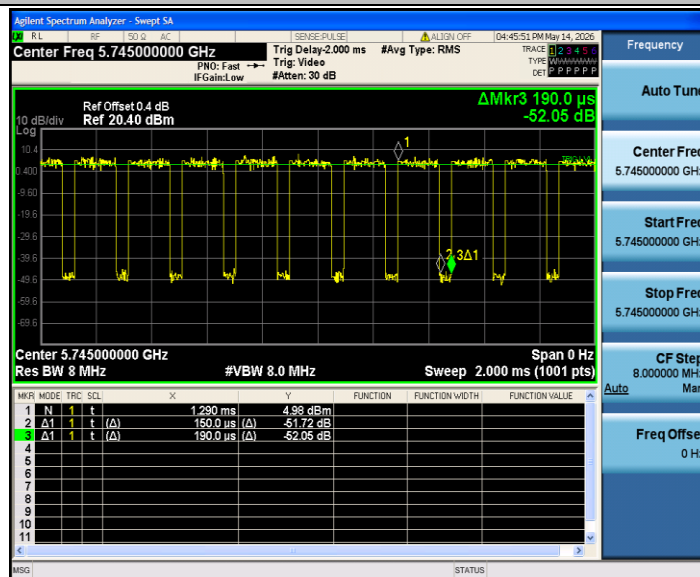
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor [dB]	Limit	Verdict
11A	Ant1	5180	0.14	0.19	73.68	1.33	---	---
		5220	0.15	0.19	78.95	1.03	---	---
		5240	0.15	0.20	75.00	1.25	---	---
		5745	0.15	0.19	78.95	1.03	---	---
		5785	0.15	0.20	75.00	1.25	---	---
		5825	0.15	0.20	75.00	1.25	---	---
11N20SISO	Ant1	5180	0.18	0.22	81.82	0.87	---	---
		5220	0.17	0.22	77.27	1.12	---	---
		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	0.22	81.82	0.87	---	---
		5755	0.18	0.23	78.26	1.06	---	---
		5795	0.18	0.23	78.26	1.06	---	---
11AC20SISO	Ant1	5180	0.26	0.31	83.87	0.76	---	---
		5220	0.26	0.31	83.87	0.76	---	---
		5240	0.25	0.30	83.33	0.79	---	---
		5745	0.25	0.30	83.33	0.79	---	---
		5785	0.25	0.30	83.33	0.79	---	---
		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	0.18	0.23	78.26	1.06	---	---
11AC80SISO	Ant1	5210	0.16	0.21	76.19	1.18	---	---
		5775	0.16	0.20	80.00	0.97	---	---

Test Graphs

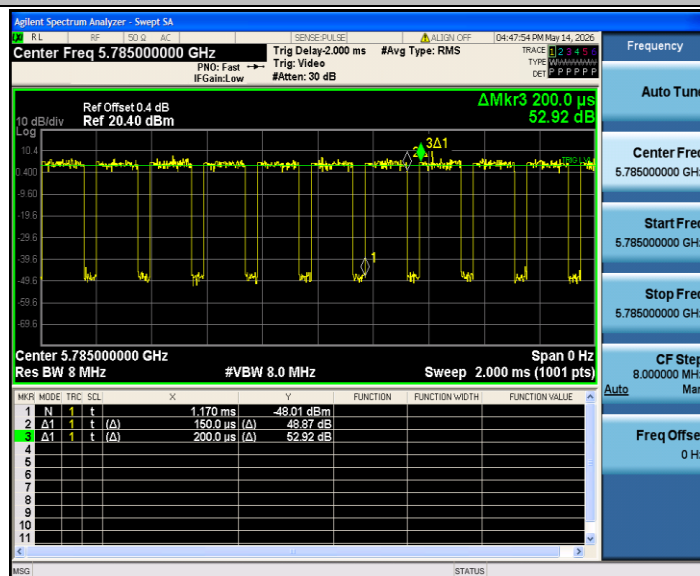




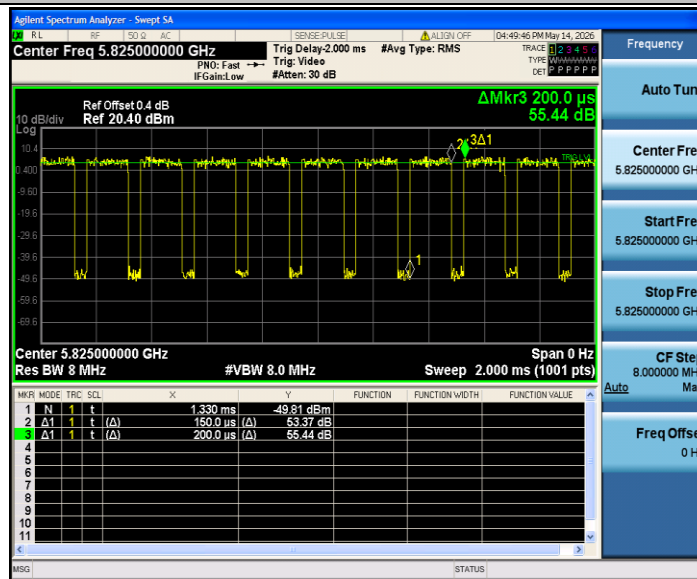
11A_Ant1_5745



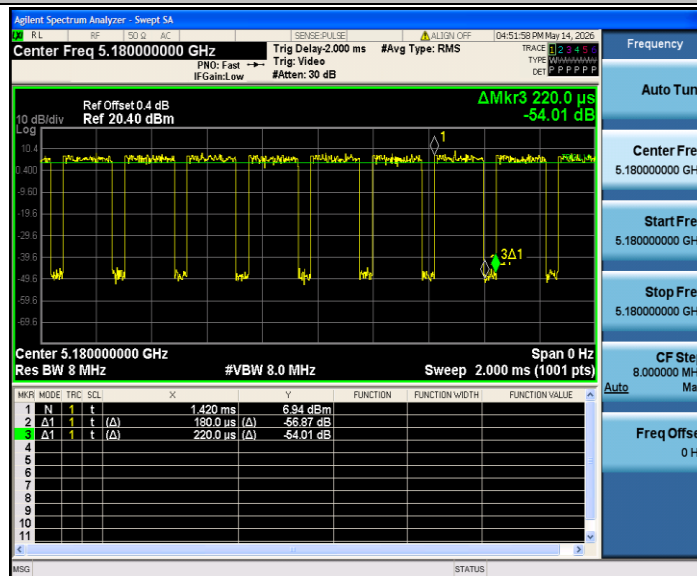
11A_Ant1_5785



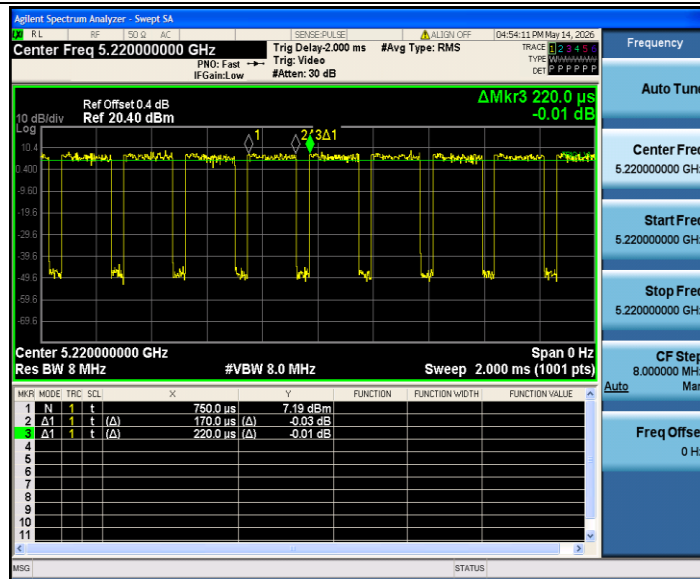
11A_Ant1_5825



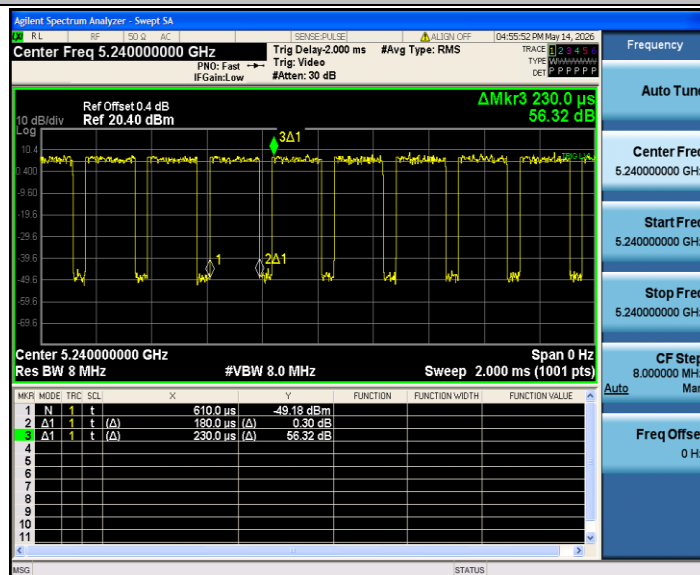
11N20SISO_Ant1_5180



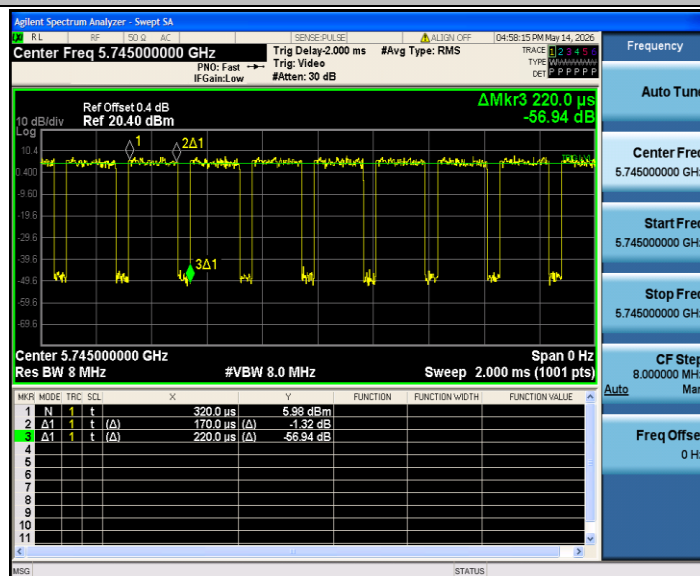
11N20SISO_Ant1_5220



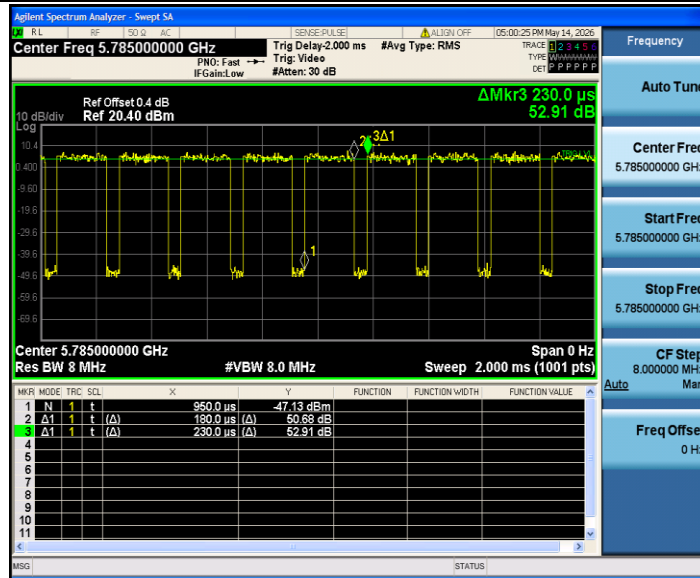
11N20SISO_Ant1_5240



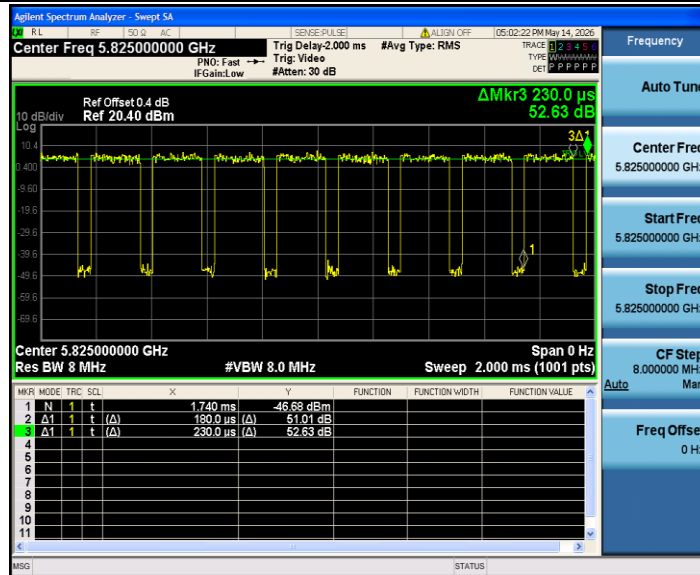
11N20SISO_Ant1_5745



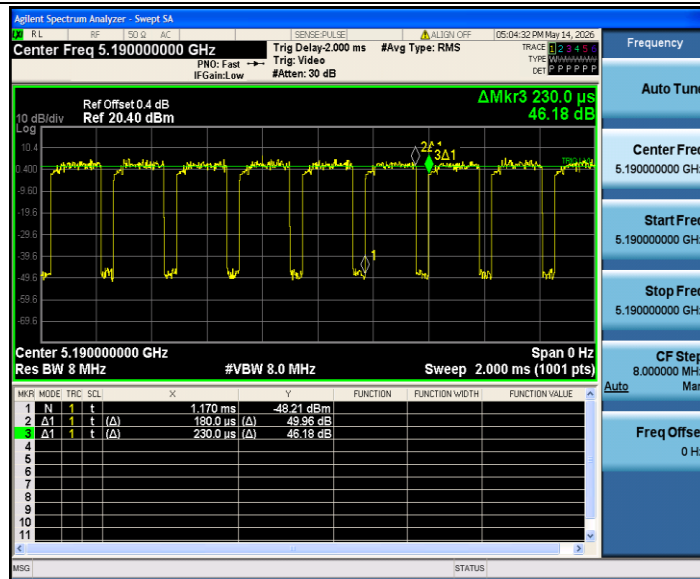
11N20SISO_Ant1_5785



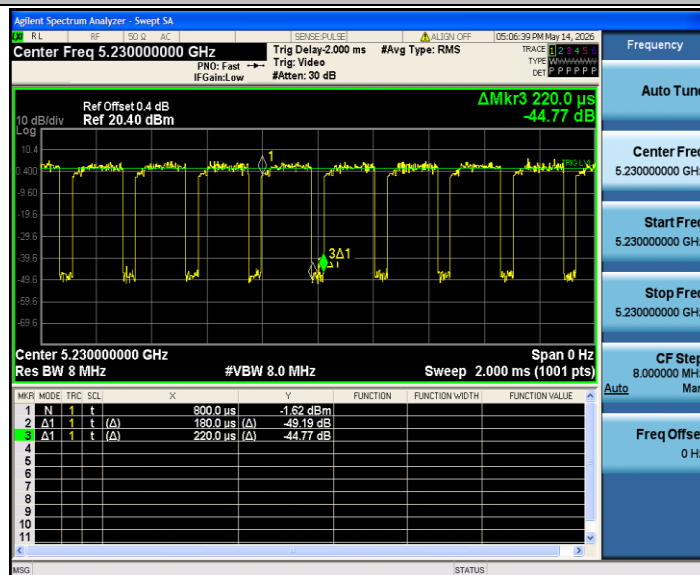
11N20SISO_Ant1_5825



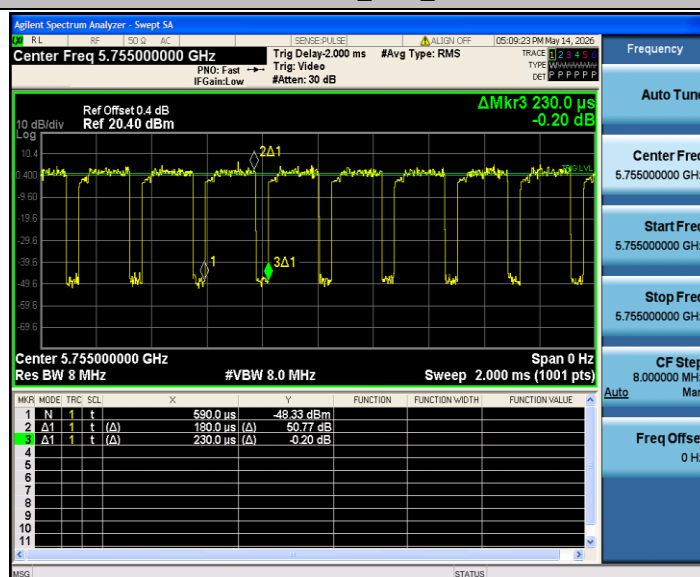
11N40SISO_Ant1_5190



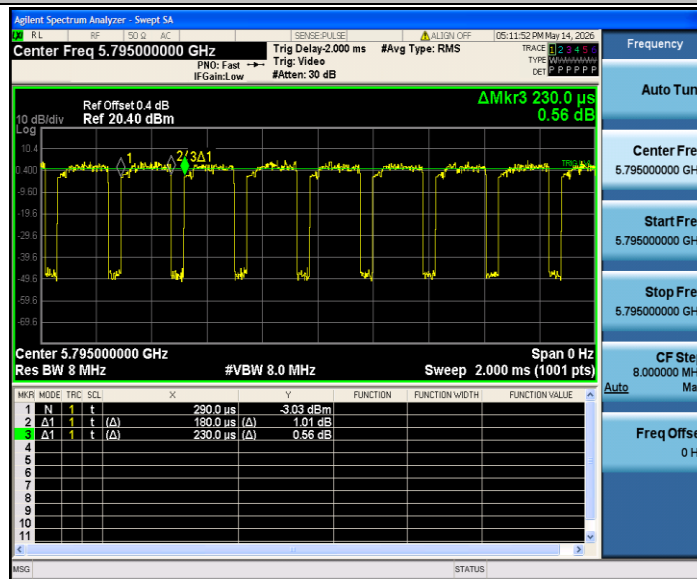
11N40SISO_Ant1_5230



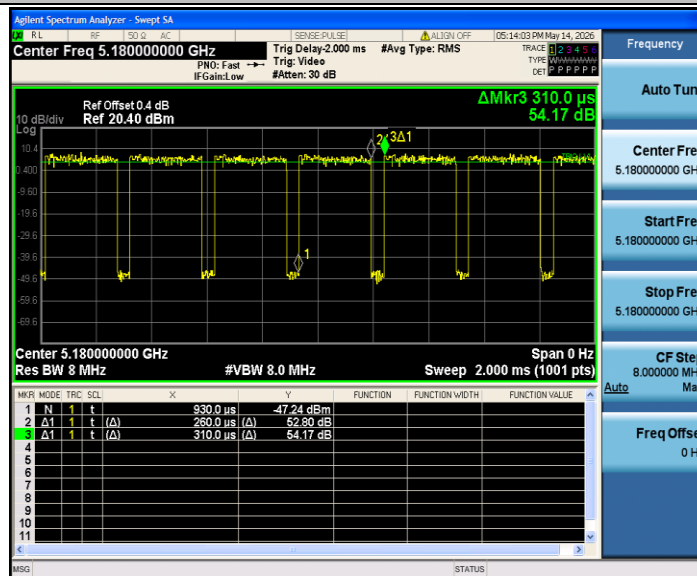
11N40SISO_Ant1_5755



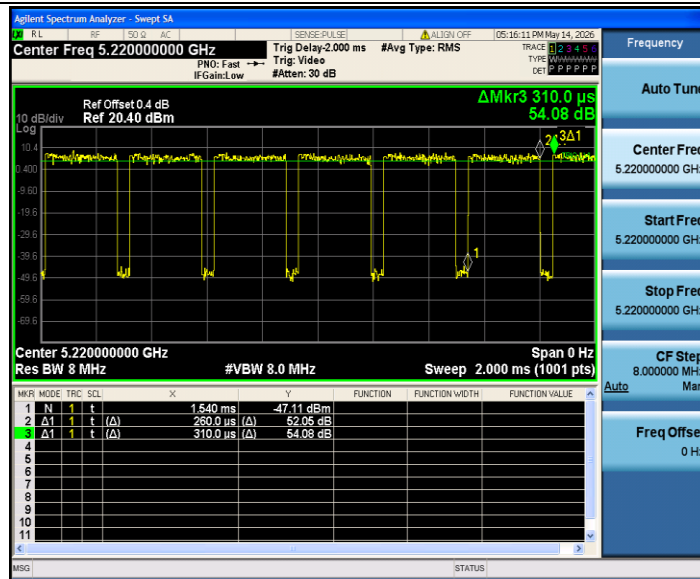
11N40SISO_Ant1_5795



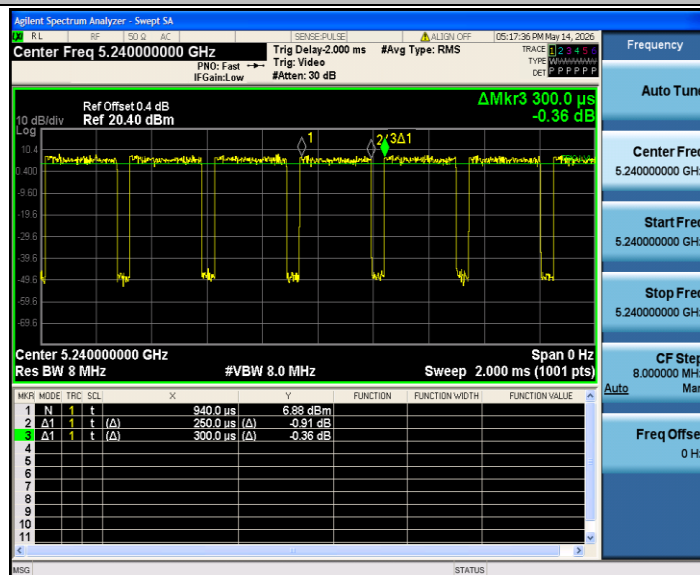
11AC20SISO_Ant1_5180



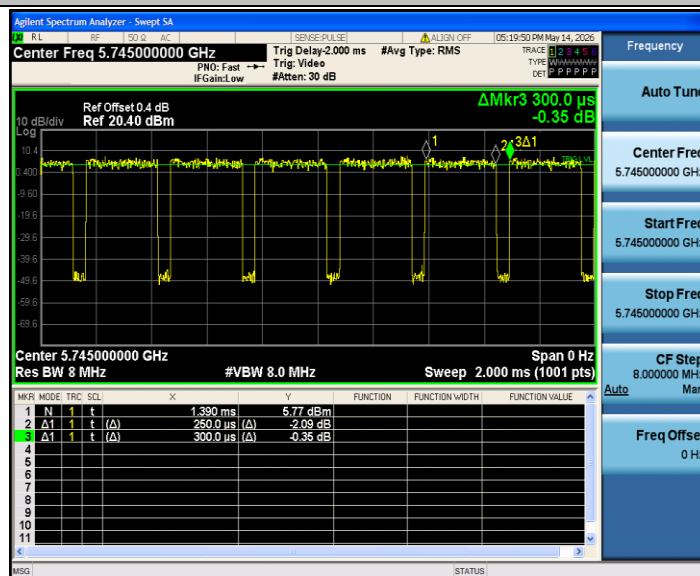
11AC20SISO_Ant1_5220



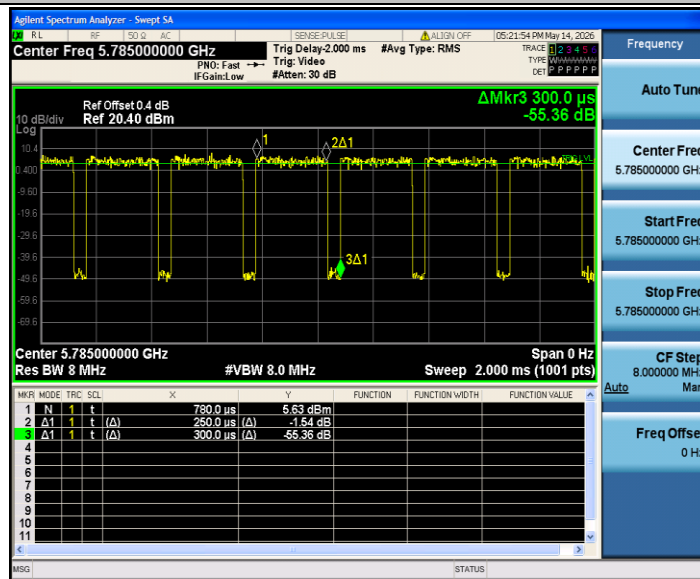
11AC20SISO_Ant1_5240



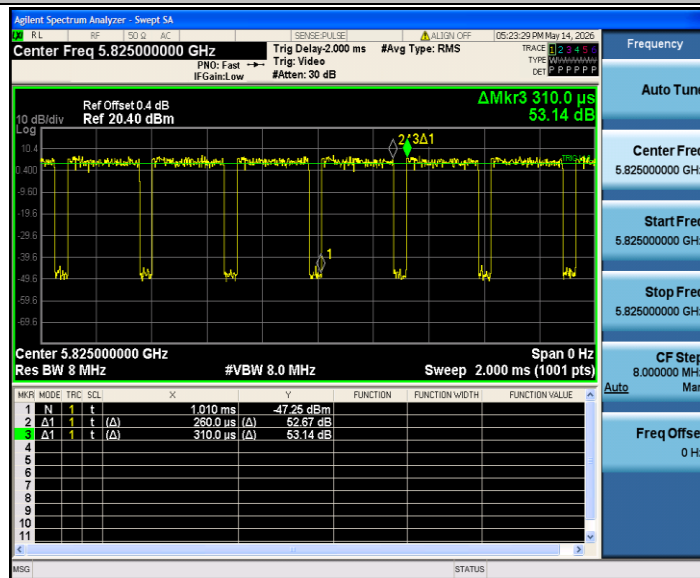
11AC20SISO_Ant1_5745



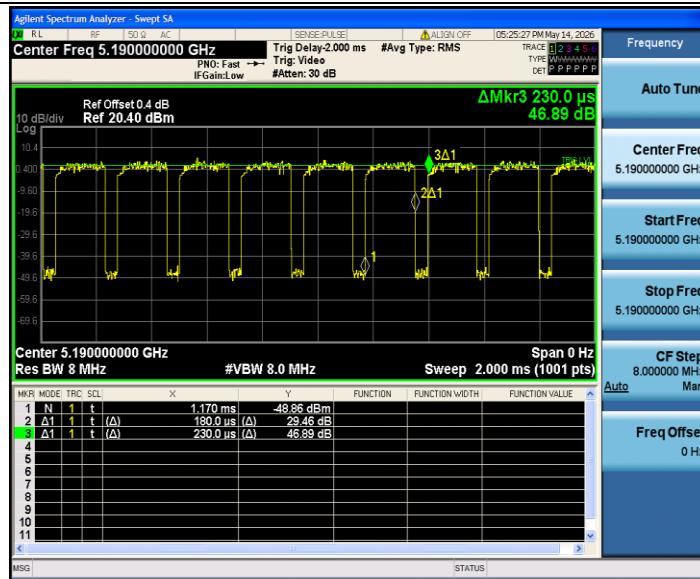
11AC20SISO_Ant1_5785



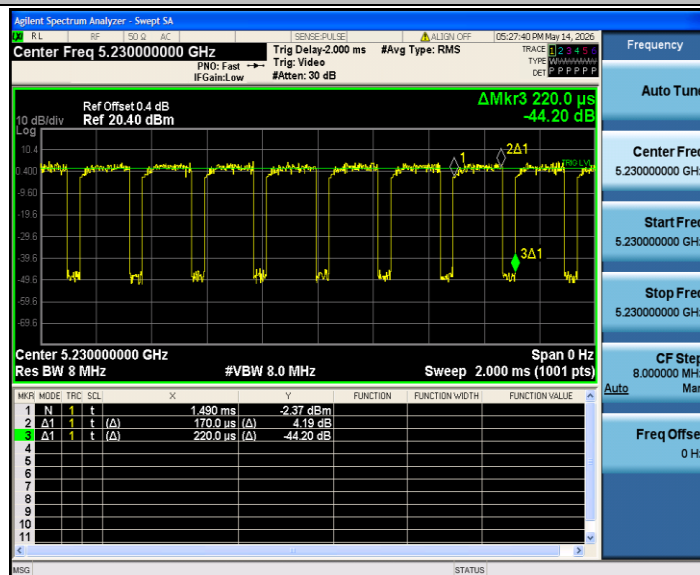
11AC20SISO_Ant1_5825



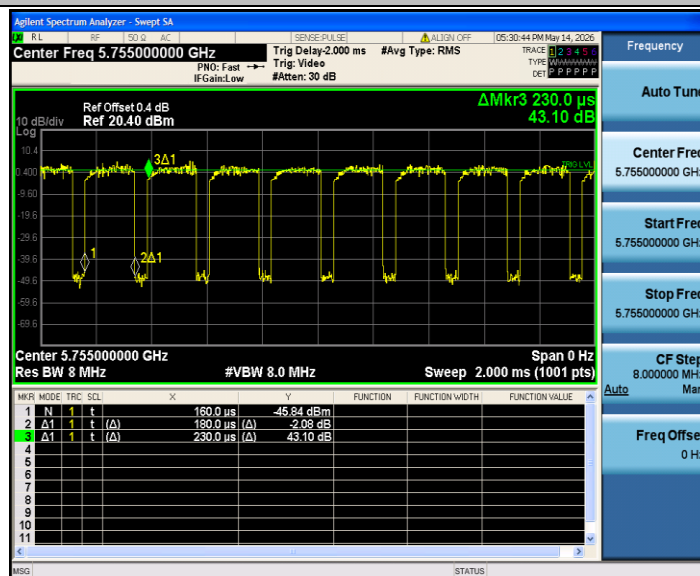
11AC40SISO_Ant1_5190



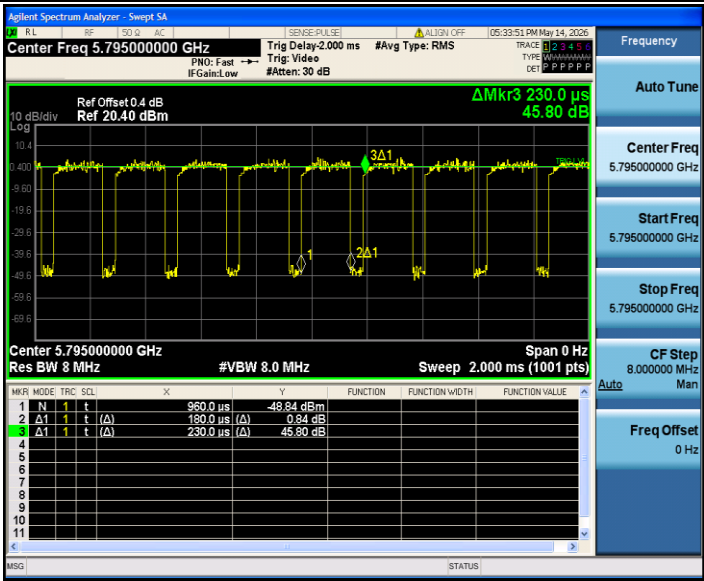
11AC40SISO_Ant1_5230



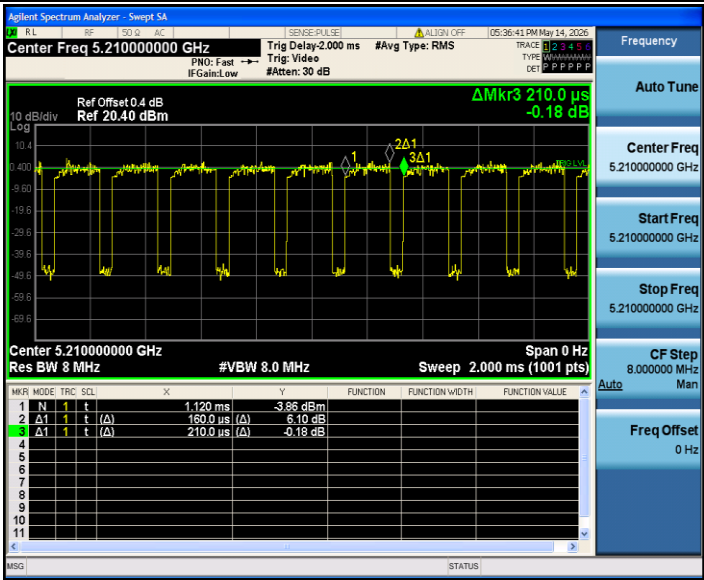
11AC40SISO_Ant1_5755



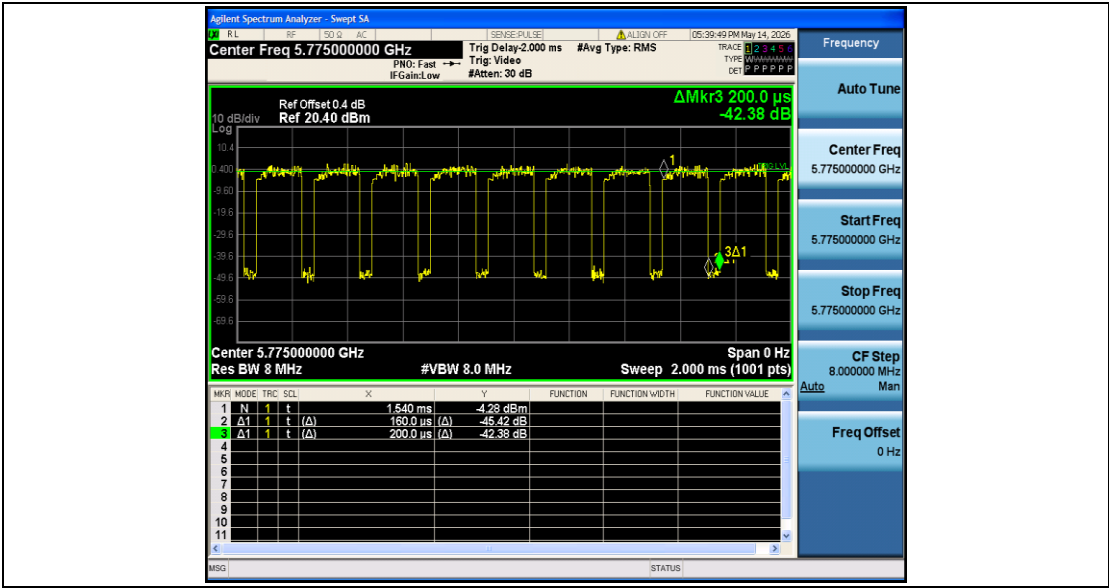
11AC40SISO_Ant1_5795



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	2.03	73.68	1.33	3.36	≤30.00	PASS
		5220	2.13	78.95	1.03	3.16	≤30.00	PASS
		5240	2.16	75.00	1.25	3.41	≤30.00	PASS
		5745	1.84	78.95	1.03	2.87	≤30.00	PASS
		5785	1.82	75.00	1.25	3.07	≤30.00	PASS
		5825	1.66	75.00	1.25	2.91	≤30.00	PASS
11N20SISO	Ant1	5180	2.73	81.82	0.87	3.60	≤30.00	PASS
		5220	3.12	77.27	1.12	4.24	≤30.00	PASS
		5240	2.89	78.26	1.06	3.95	≤30.00	PASS
		5745	2.60	77.27	1.12	3.72	≤30.00	PASS
		5785	2.57	78.26	1.06	3.63	≤30.00	PASS
		5825	2.43	78.26	1.06	3.49	≤30.00	PASS
11N40SISO	Ant1	5190	2.83	78.26	1.06	3.89	≤30.00	PASS
		5230	3.01	81.82	0.87	3.88	≤30.00	PASS
		5755	2.72	78.26	1.06	3.78	≤30.00	PASS
		5795	2.82	78.26	1.06	3.88	≤30.00	PASS
11AC20SISO	Ant1	5180	2.85	83.87	0.76	3.61	≤30.00	PASS
		5220	3.04	83.87	0.76	3.80	≤30.00	PASS
		5240	2.79	83.33	0.79	3.58	≤30.00	PASS
		5745	2.74	83.33	0.79	3.53	≤30.00	PASS
		5785	2.60	83.33	0.79	3.39	≤30.00	PASS
		5825	2.50	83.87	0.76	3.26	≤30.00	PASS
11AC40SISO	Ant1	5190	2.41	78.26	1.06	3.47	≤30.00	PASS
		5230	2.45	77.27	1.12	3.57	≤30.00	PASS
		5755	2.31	78.26	1.06	3.37	≤30.00	PASS
		5795	2.35	78.26	1.06	3.41	≤30.00	PASS
11AC80SISO	Ant1	5210	2.86	76.19	1.18	4.04	≤30.00	PASS
		5775	2.65	80.00	0.97	3.62	≤30.00	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	RawData [dBm/MHz]	DC Factor [dBm]	RBW Factor [dBm]	For 5.2G [dBm/MHz]	For 5.2G [dBm/MHz]	Verdict
						For 5.8G [dBm/500KHz]	For 5.8G [dBm/500KHz]	
11A	Ant1	5180	-8.24	1.33	0.00	-6.91	≤17.00	PASS
		5220	-8.18	1.03	0.00	-7.15	≤17.00	PASS
		5240	-8.01	1.25	0.00	-6.76	≤17.00	PASS
		5745	-13.28	1.03	2.22	-10.03	≤30.00	PASS
		5785	-13.44	1.25	2.22	-9.97	≤30.00	PASS
		5825	-13.83	1.25	2.22	-10.36	≤30.00	PASS
11N20SISO	Ant1	5180	-7.69	0.87	0.00	-6.82	≤17.00	PASS
		5220	-6.96	1.12	0.00	-5.84	≤17.00	PASS
		5240	-7.21	1.06	0.00	-6.15	≤17.00	PASS
		5745	-12.93	1.12	2.22	-9.59	≤30.00	PASS
		5785	-13.08	1.06	2.22	-9.80	≤30.00	PASS
		5825	-13.16	1.06	2.22	-9.88	≤30.00	PASS
11N40SISO	Ant1	5190	-11.02	1.06	0.00	-9.96	≤17.00	PASS
		5230	-10.52	0.87	0.00	-9.65	≤17.00	PASS
		5755	-15.74	1.06	2.22	-12.46	≤30.00	PASS
		5795	-15.85	1.06	2.22	-12.57	≤30.00	PASS
11AC20SISO	Ant1	5180	-7.63	0.76	0.00	-6.87	≤17.00	PASS
		5220	-7.56	0.76	0.00	-6.80	≤17.00	PASS
		5240	-7.72	0.79	0.00	-6.93	≤17.00	PASS
		5745	-12.94	0.79	2.22	-9.93	≤30.00	PASS
		5785	-13.62	0.79	2.22	-10.61	≤30.00	PASS
		5825	-13.72	0.76	2.22	-10.74	≤30.00	PASS
11AC40SISO	Ant1	5190	-11.51	1.06	0.00	-10.45	≤17.00	PASS
		5230	-10.98	1.12	0.00	-9.86	≤17.00	PASS
		5755	-16.77	1.06	2.22	-13.49	≤30.00	PASS
		5795	-16.43	1.06	2.22	-13.15	≤30.00	PASS
11AC80SISO	Ant1	5210	-13.96	1.18	0.00	-12.78	≤17.00	PASS
		5775	-18.87	0.97	2.22	-15.68	≤30.00	PASS

Note: The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

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



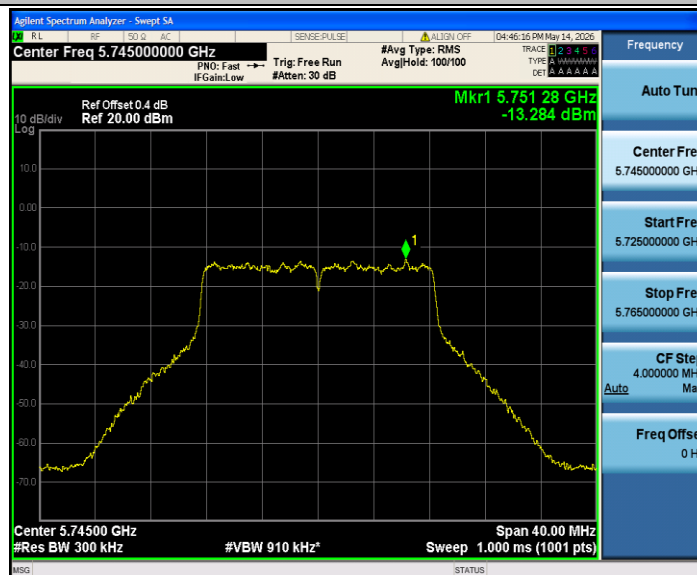
11A_Ant1_5220



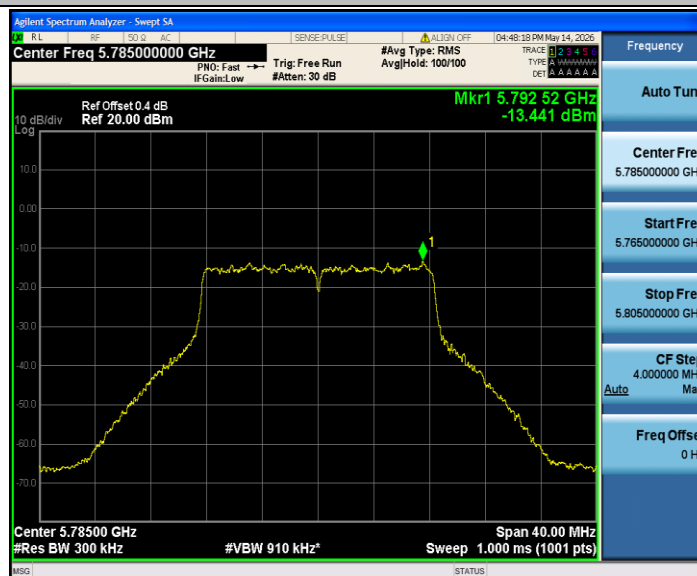
11A_Ant1_5240



11A_Ant1_5745



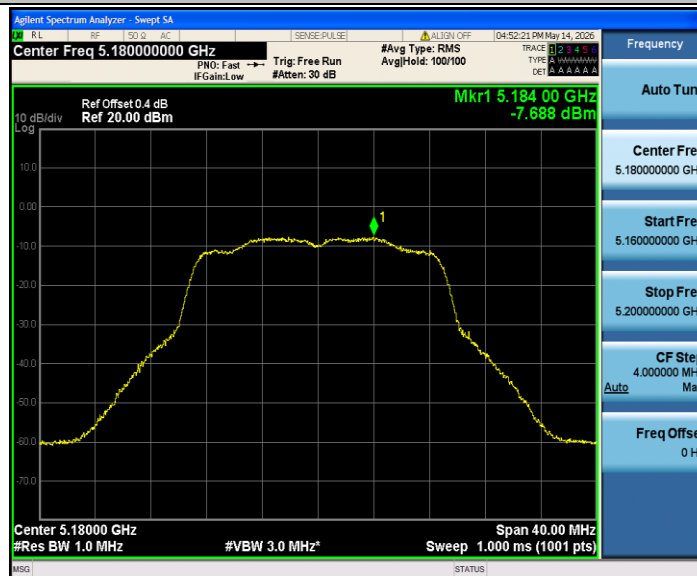
11A_Ant1_5785



11A_Ant1_5825



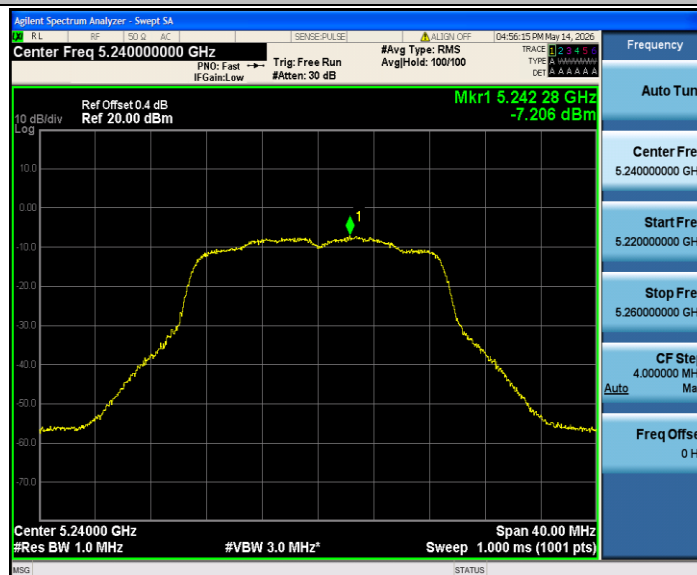
11N20SISO_Ant1_5180



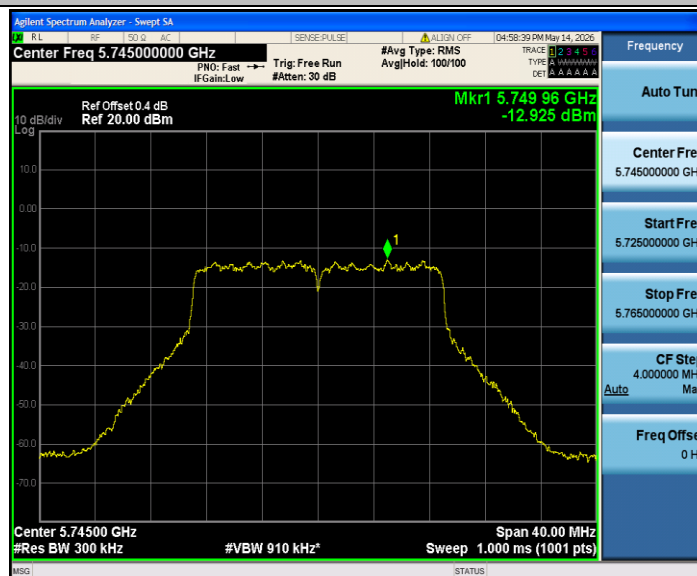
11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



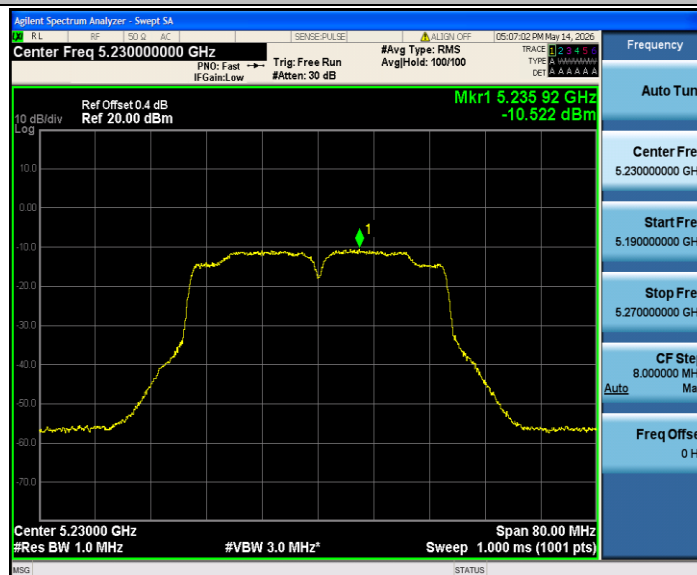
11N20SISO_Ant1_5825



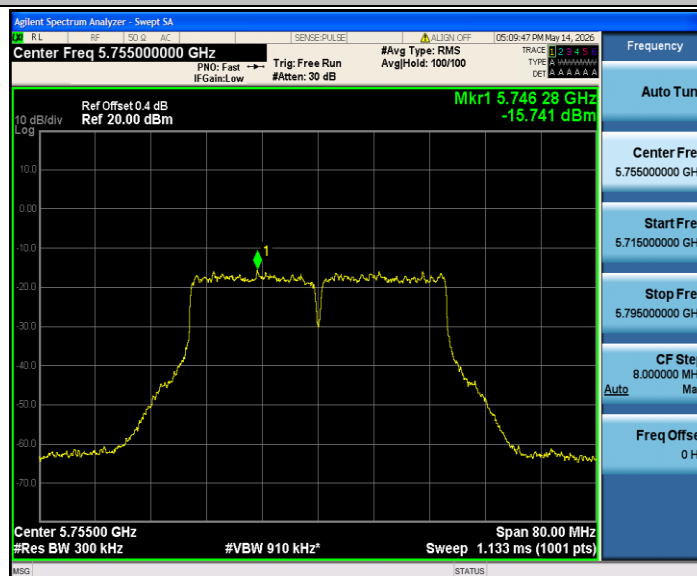
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



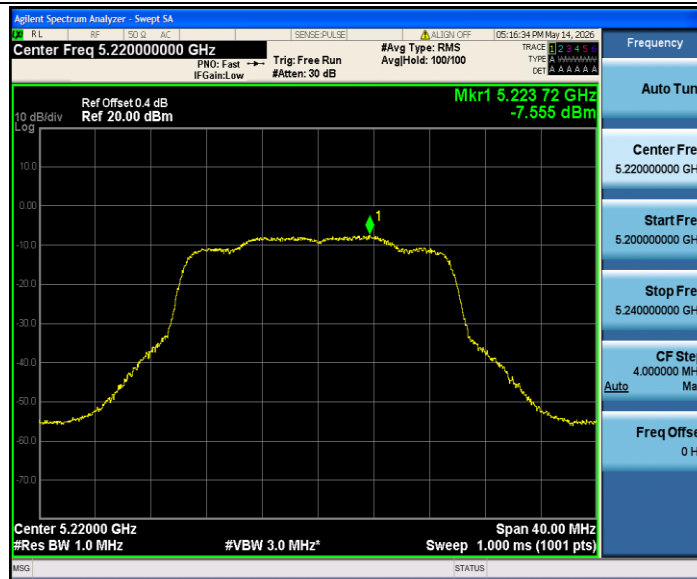
11N40SISO_Ant1_5795



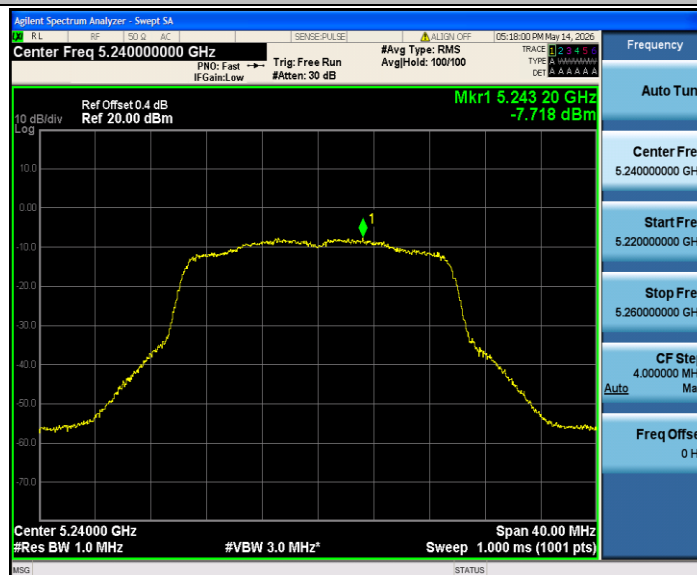
11AC20SISO_Ant1_5180



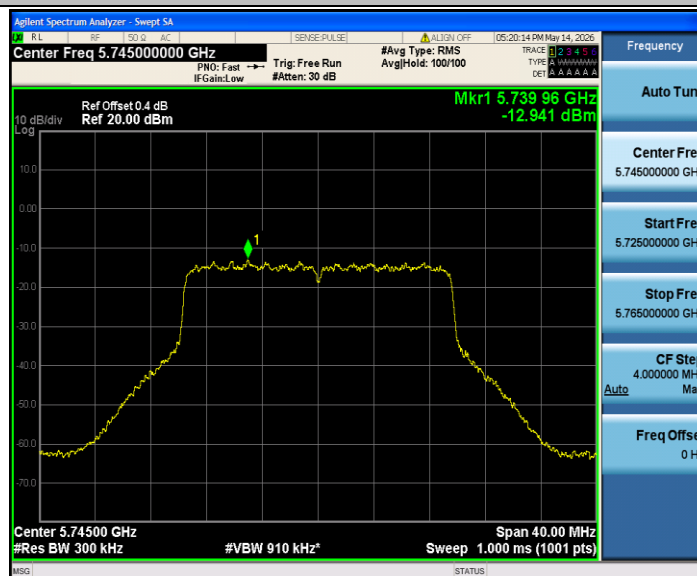
11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



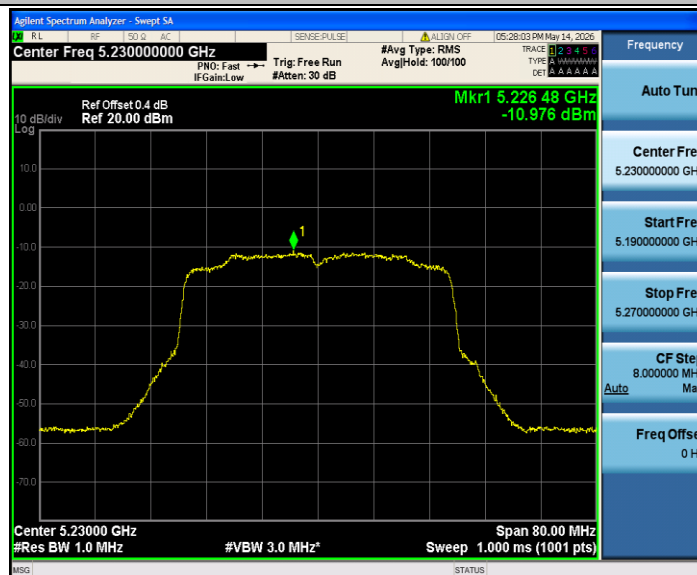
11AC20SISO_Ant1_5825



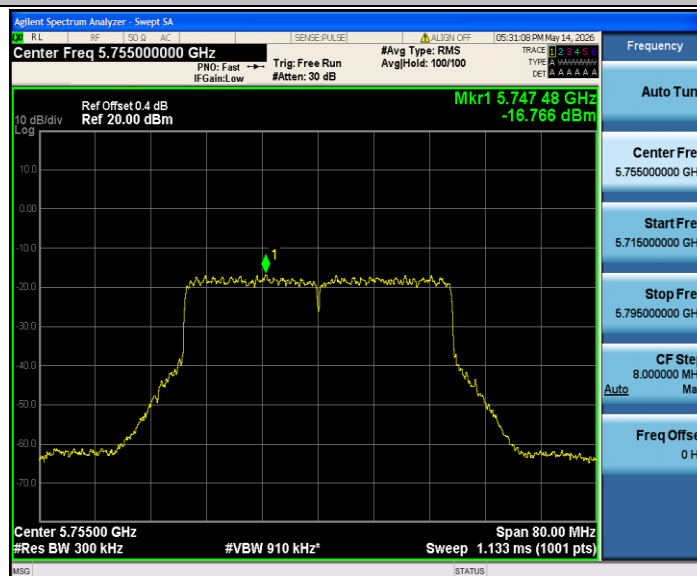
11AC40SISO_Ant1_5190



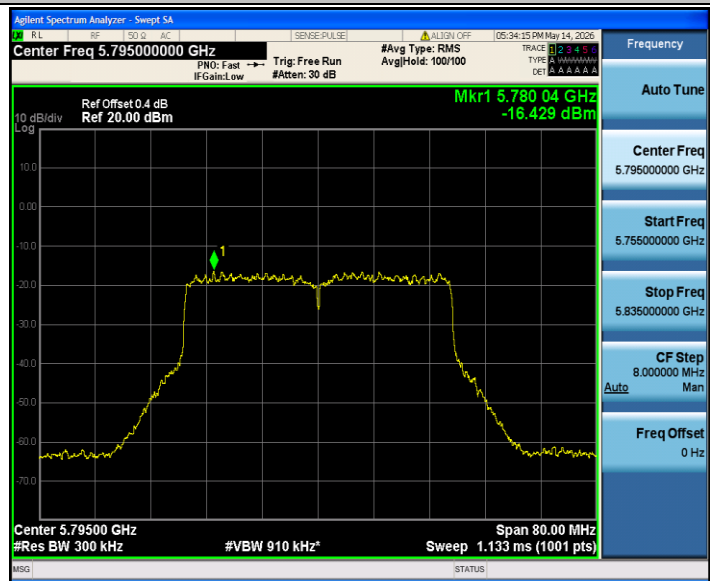
11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



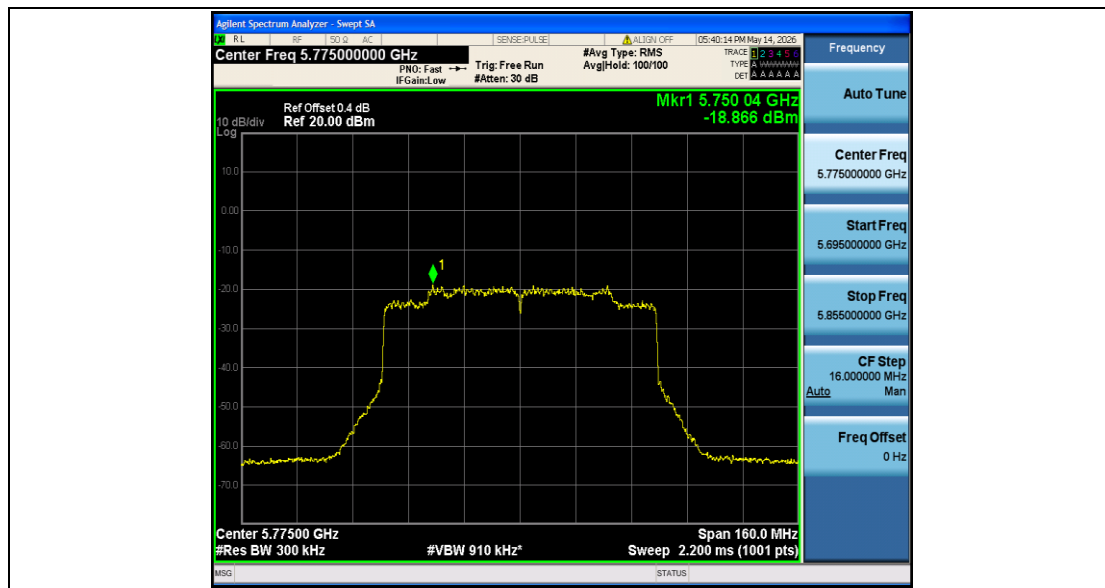
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



Appendix E: Band edge measurements

Test Result B1/2/3

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-49.26	≤-27	PASS
		High	5240	-49.47	≤-27	PASS
11N20SISO	Ant1	Low	5180	-49.06	≤-27	PASS
		High	5240	-47.08	≤-27	PASS
11N40SISO	Ant1	Low	5190	-46.15	≤-27	PASS
		High	5230	-46.97	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-46.99	≤-27	PASS
		High	5240	-46.39	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-46.55	≤-27	PASS
		High	5230	-46.16	≤-27	PASS
11AC80SISO	Ant1	Low	5210	-46.51	≤-27	PASS
		High	5210	-44.94	≤-27	PASS

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5645~5650	-50.42	≤-27	PASS
				5650~5700	-51.53	≤-26.96	PASS
				5700~5720	-51.77	≤10.57	PASS
				5720~5725	-51.26	≤17.39	PASS
		High	5825	5850~5855	-51.09	≤16.65	PASS
				5855~5875	-50.98	≤10.25	PASS
				5875~5925	-50.06	≤-25.81	PASS
				5925~5935	-49.69	≤-27	PASS
11N20SISO	Ant1	Low	5745	5645~5650	-49.27	≤-27	PASS
				5650~5700	-50.59	≤-26.96	PASS
				5700~5720	-47.53	≤11.51	PASS
				5720~5725	-48.66	≤16.08	PASS
		High	5825	5850~5855	-48.64	≤16.03	PASS
				5855~5875	-47.66	≤10.13	PASS
				5875~5925	-48.24	≤-26.41	PASS
				5925~5935	-47.88	≤-27	PASS
11N40SISO	Ant1	Low	5755	5645~5650	-49.48	≤-27	PASS
				5650~5700	-49.08	≤-26.90	PASS
				5700~5720	-48.34	≤10.21	PASS
				5720~5725	-46.8	≤16.66	PASS

		High	5795	5850~5855	-49.46	≤16.03	PASS
				5855~5875	-47.96	≤10.34	PASS
				5875~5925	-48.92	≤-25.73	PASS
				5925~5935	-48.36	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5645~5650	-49.45	≤-27	PASS
				5650~5700	-49.24	≤-26.70	PASS
				5700~5720	-48.26	≤10.06	PASS
				5720~5725	-46.6	≤17.65	PASS
		High	5825	5850~5855	-48.62	≤15.73	PASS
				5855~5875	-48.07	≤10.51	PASS
				5875~5925	-49.12	≤-26.41	PASS
				5925~5935	-47.39	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5645~5650	-47.93	≤-27	PASS
				5650~5700	-49.89	≤-26.70	PASS
				5700~5720	-46.82	≤11.27	PASS
				5720~5725	-45.43	≤15.74	PASS
		High	5795	5850~5855	-48.05	≤16.03	PASS
				5855~5875	-48.66	≤11.08	PASS
				5875~5925	-50.42	≤-26.59	PASS
				5925~5935	-48.89	≤-27	PASS
11AC80S ISO	Ant1	Low	5775	5645~5650	-49.57	≤-27	PASS
				5650~5700	-51.1	≤-26.91	PASS
				5700~5720	-48.85	≤10.09	PASS
				5720~5725	-45.11	≤16.00	PASS
		High	5775	5850~5855	-49.02	≤16.26	PASS
				5855~5875	-49.46	≤10.14	PASS
				5875~5925	-50.05	≤-26.87	PASS
				5925~5935	-48.69	≤-27	PASS

Test Graphs B1/2/3

