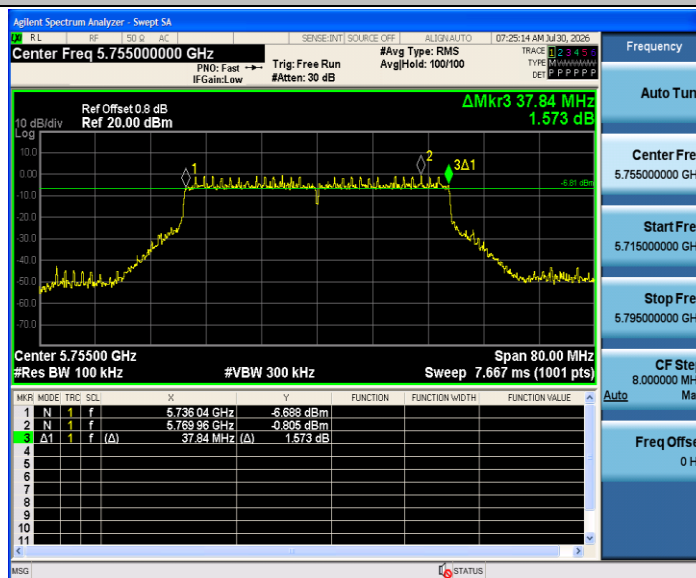


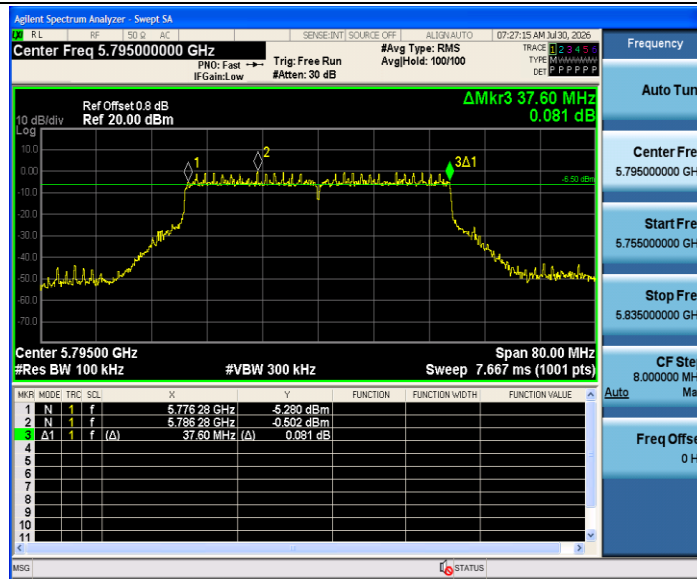
11AC20SISO_Ant1_5825



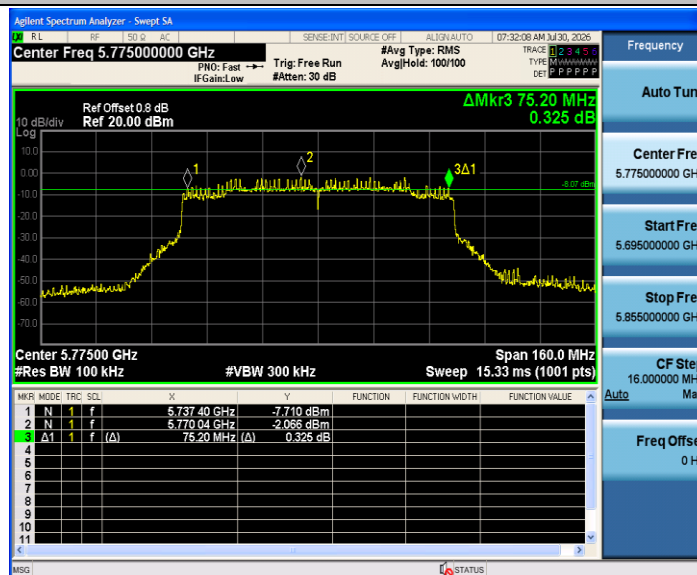
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80ISO_Ant1_5775

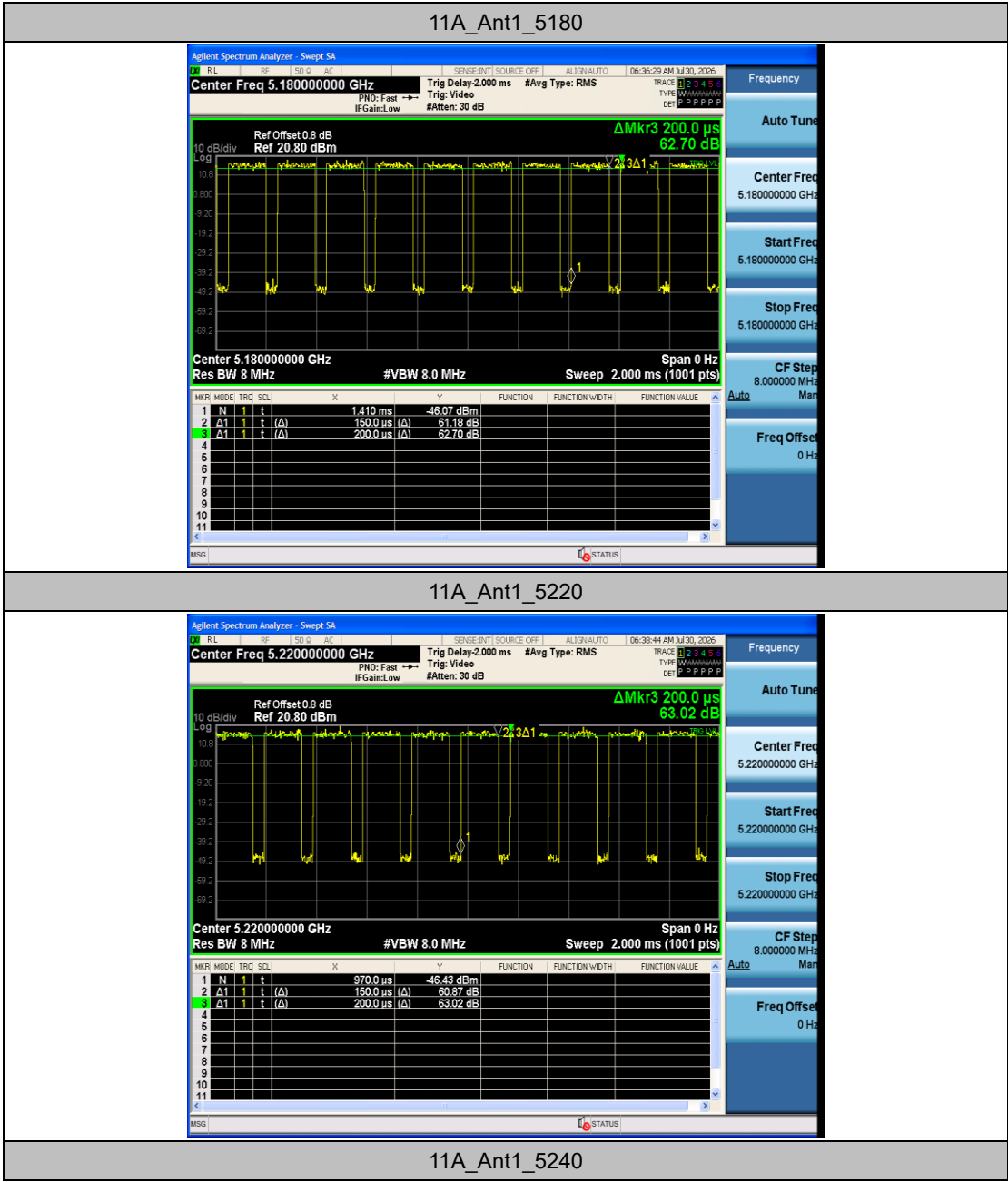


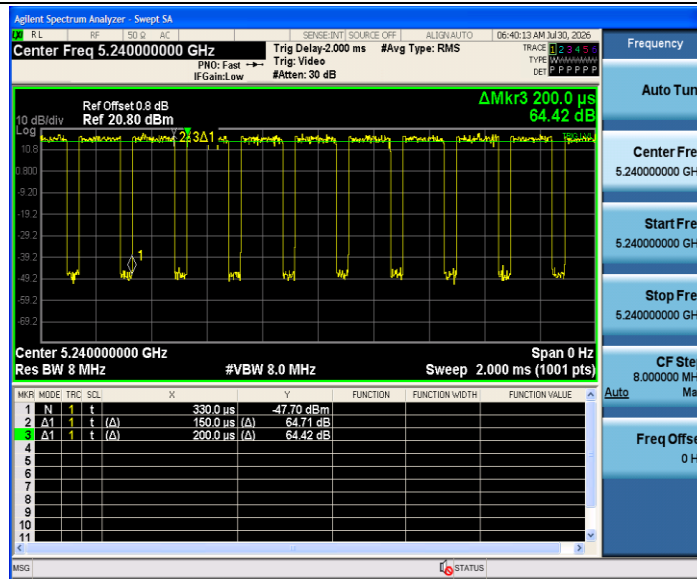
Appendix B: Duty Cycle

Test Result

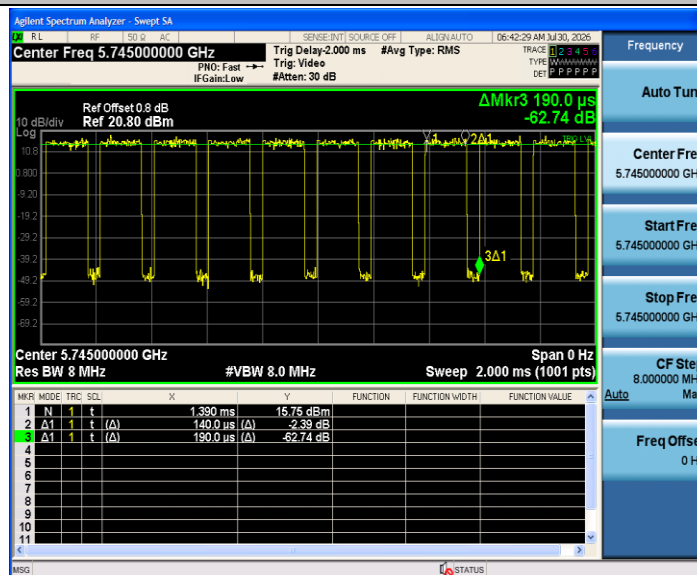
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor [dB]	Limit	Verdict
11A	Ant1	5180	0.15	0.20	75.00	1.25	---	---
		5220	0.15	0.20	75.00	1.25	---	---
		5240	0.15	0.20	75.00	1.25	---	---
		5745	0.14	0.19	73.68	1.33	---	---
		5785	0.15	0.20	75.00	1.25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

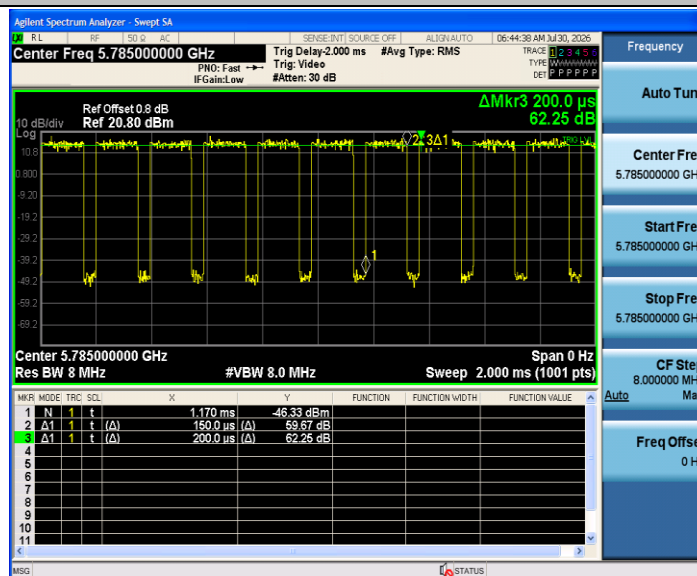




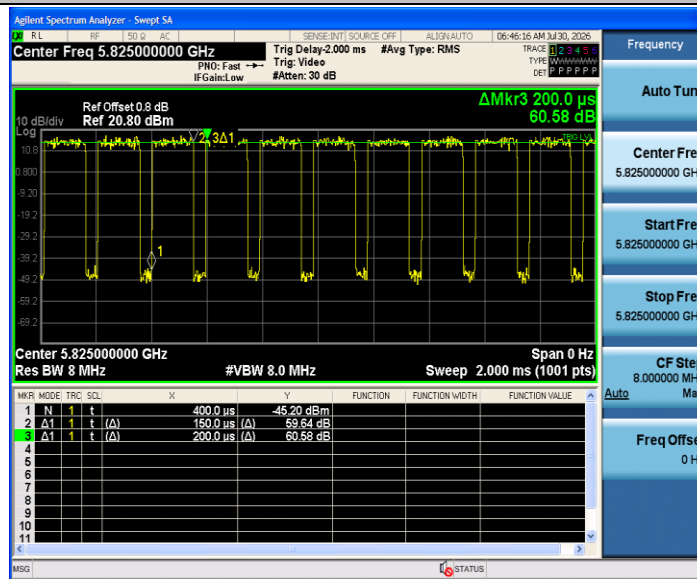
11A_Ant1_5745



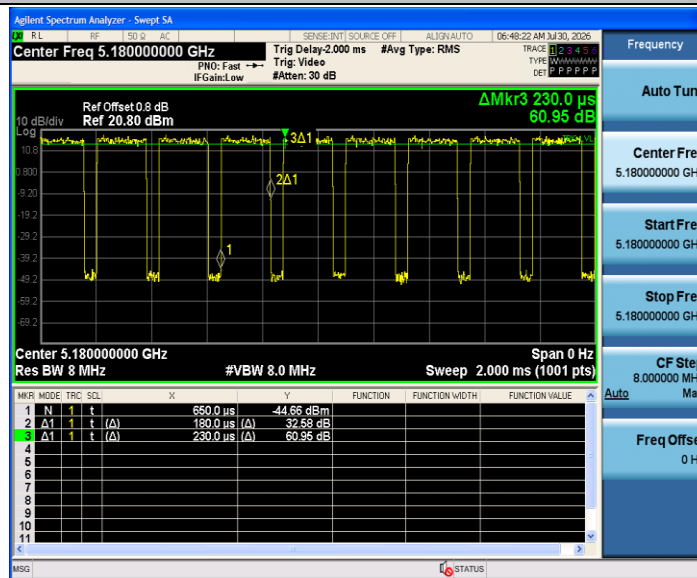
11A_Ant1_5785



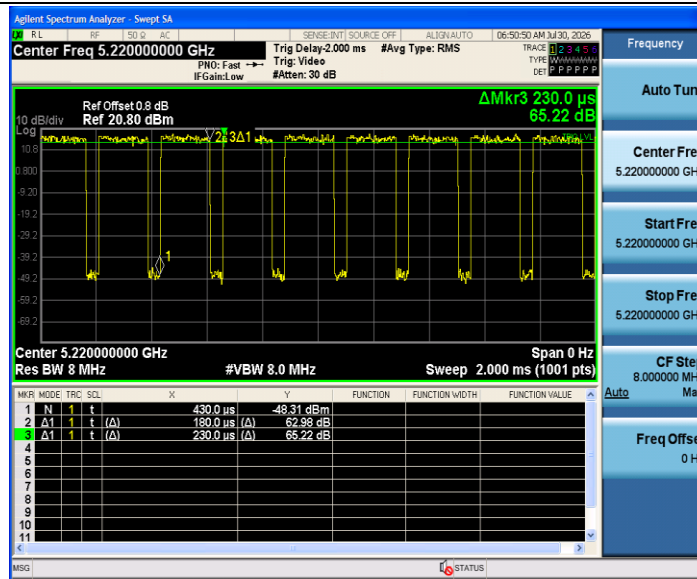
11A_Ant1_5825



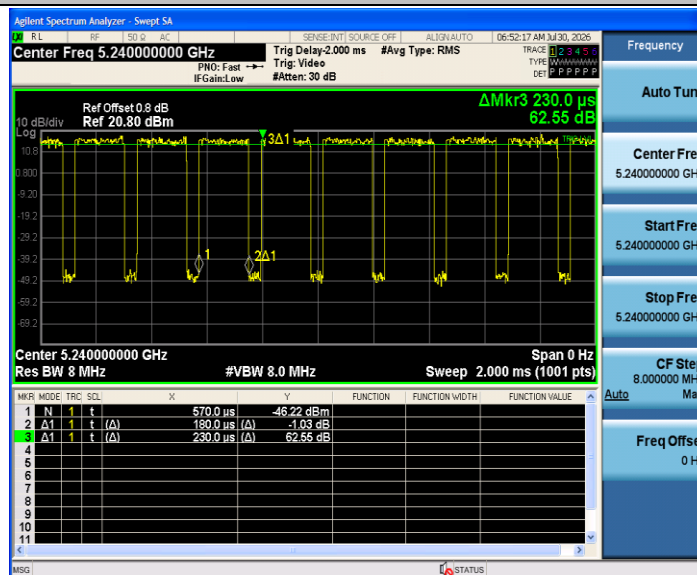
11N20SISO_Ant1_5180



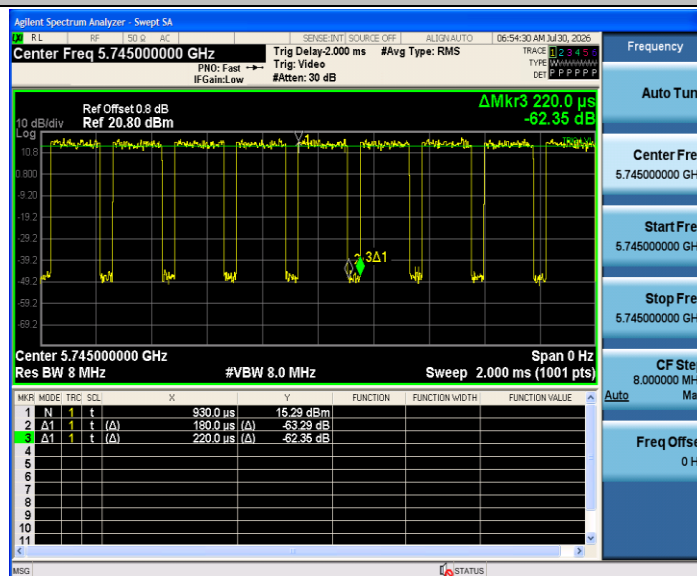
11N20SISO_Ant1_5220



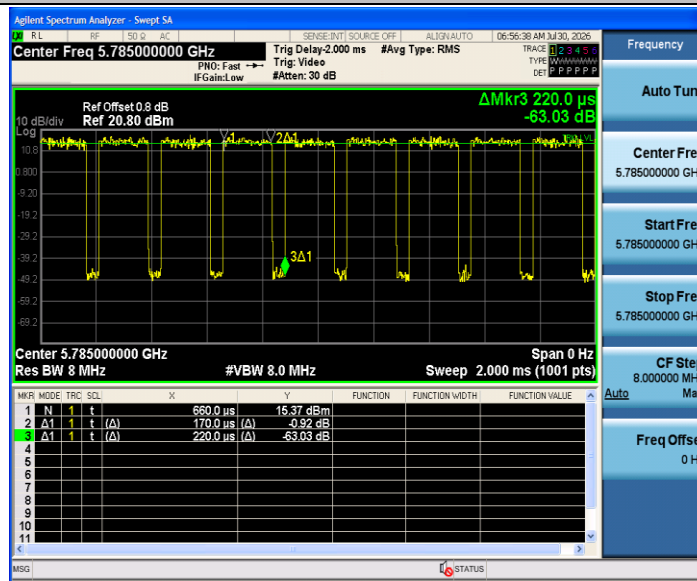
11N20SISO_Ant1_5240



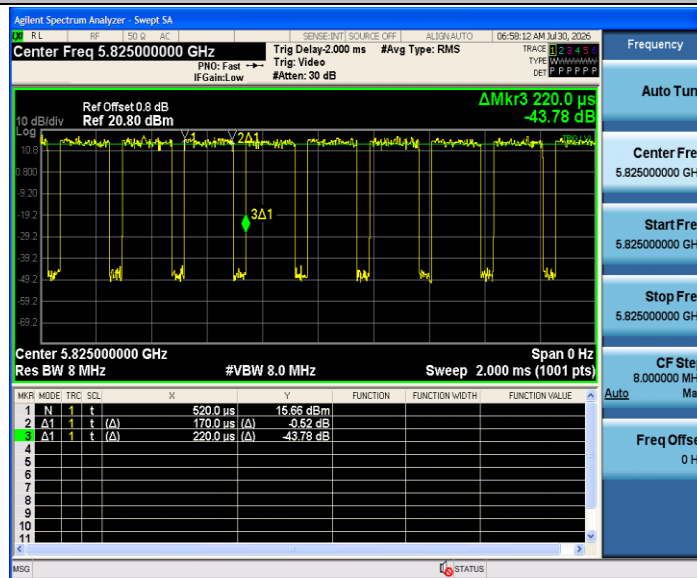
11N20SISO_Ant1_5745



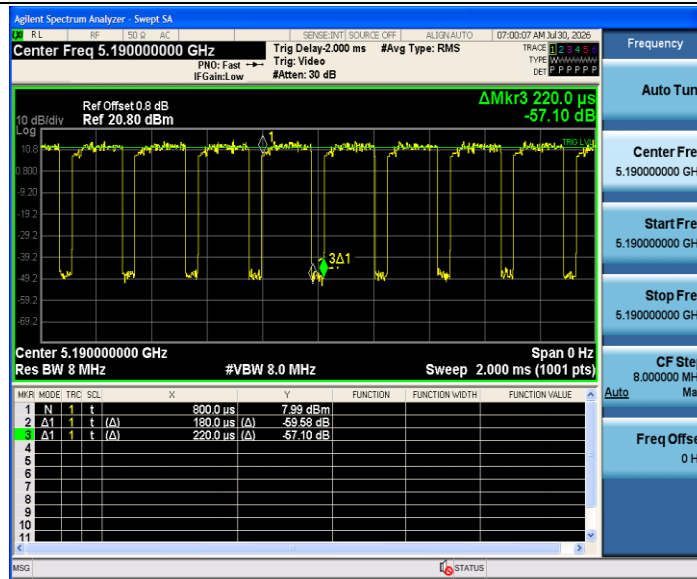
11N20SISO_Ant1_5785



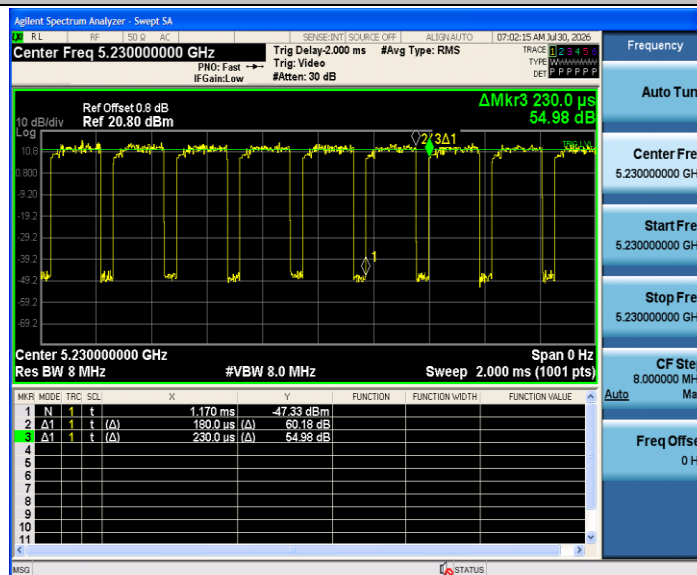
11N20SISO_Ant1_5825



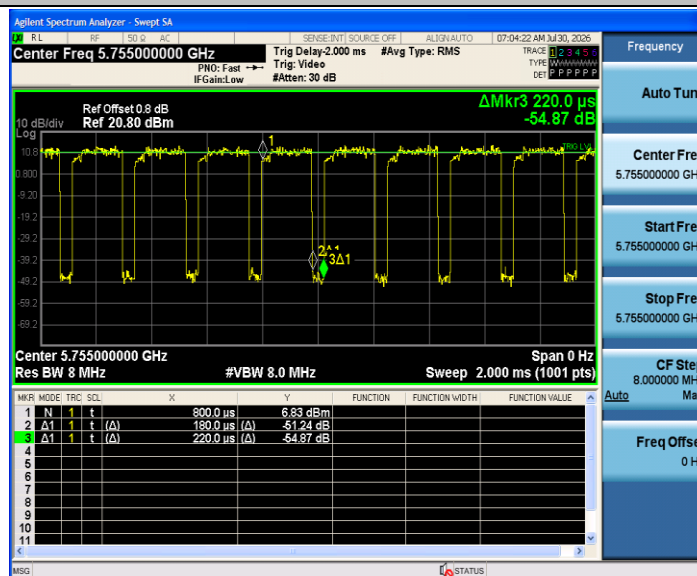
11N40SISO_Ant1_5190



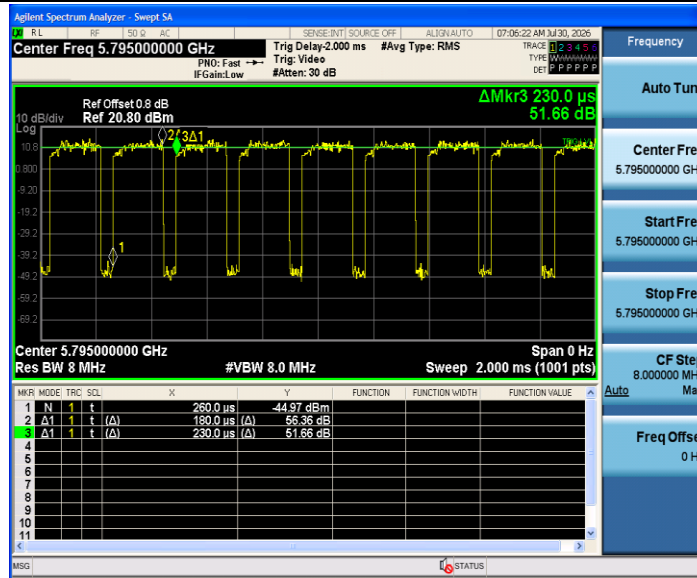
11N40SISO_Ant1_5230



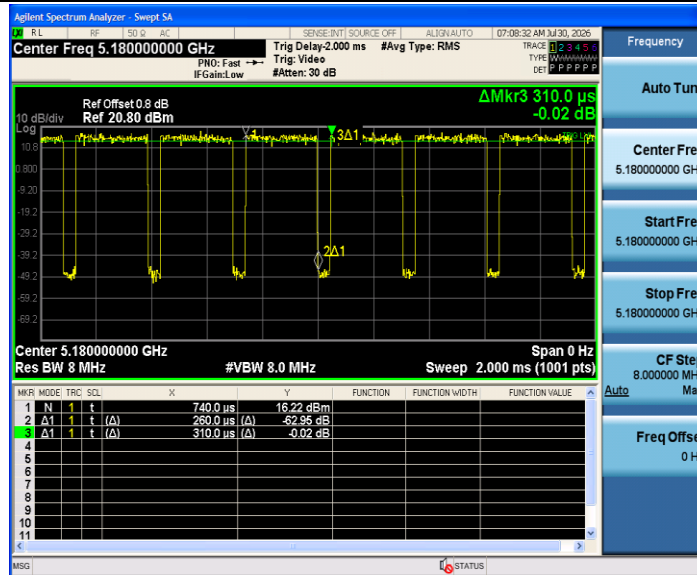
11N40SISO_Ant1_5755



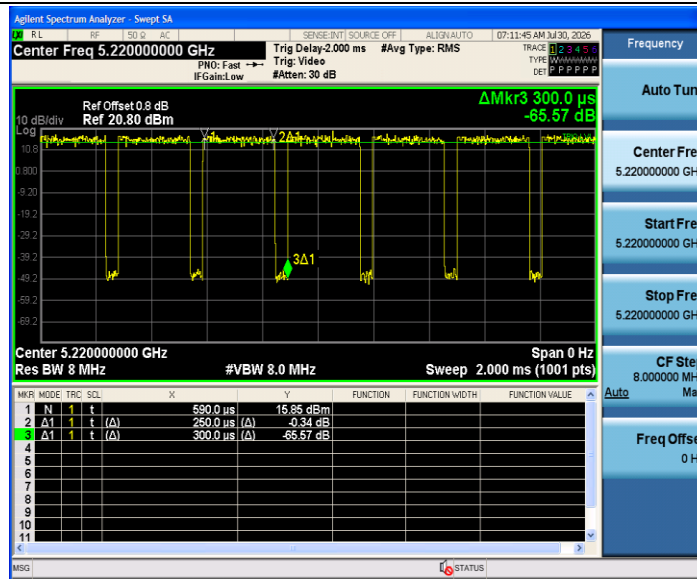
11N40SISO_Ant1_5795



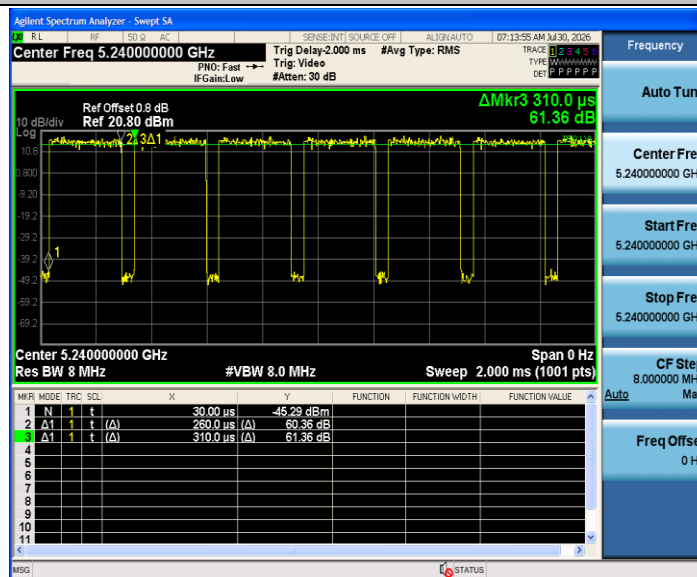
11AC20SISO_Ant1_5180



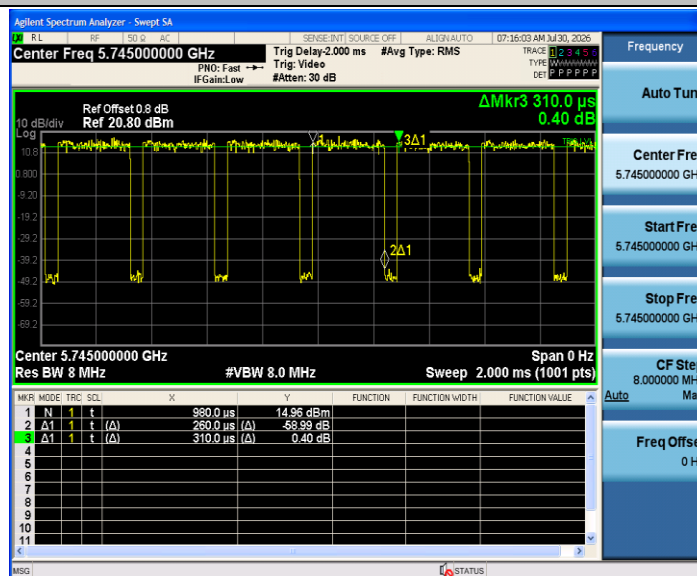
11AC20SISO_Ant1_5220



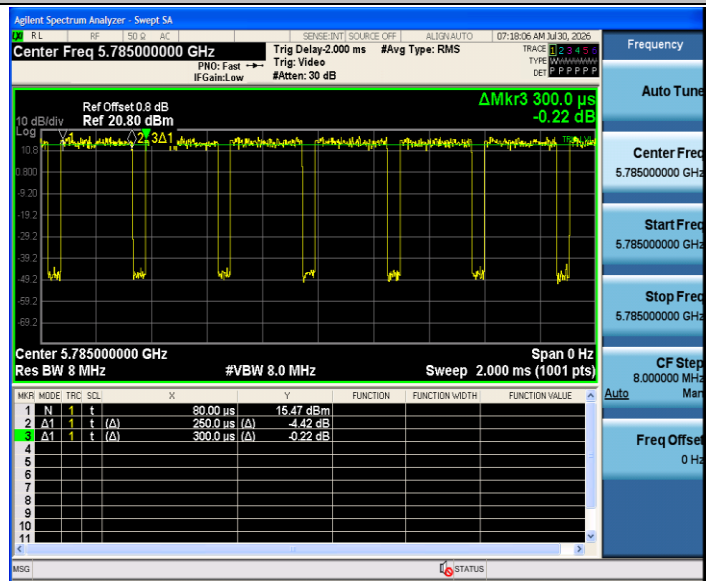
11AC20SISO_Ant1_5240



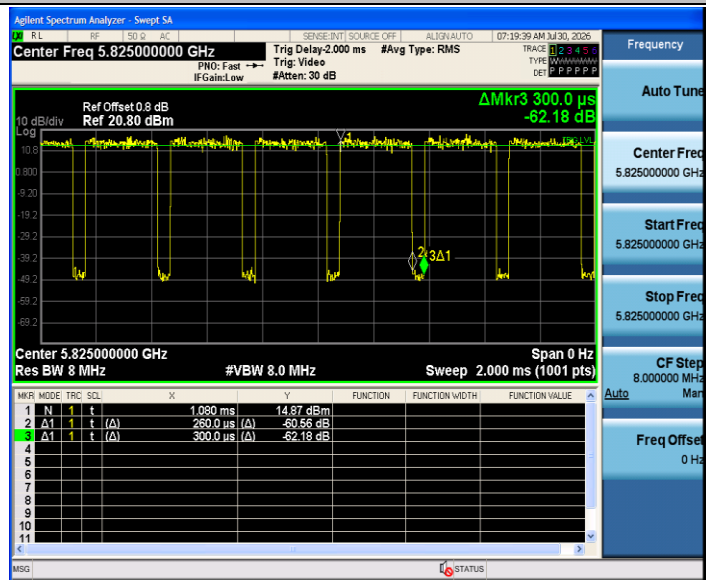
11AC20SISO_Ant1_5745



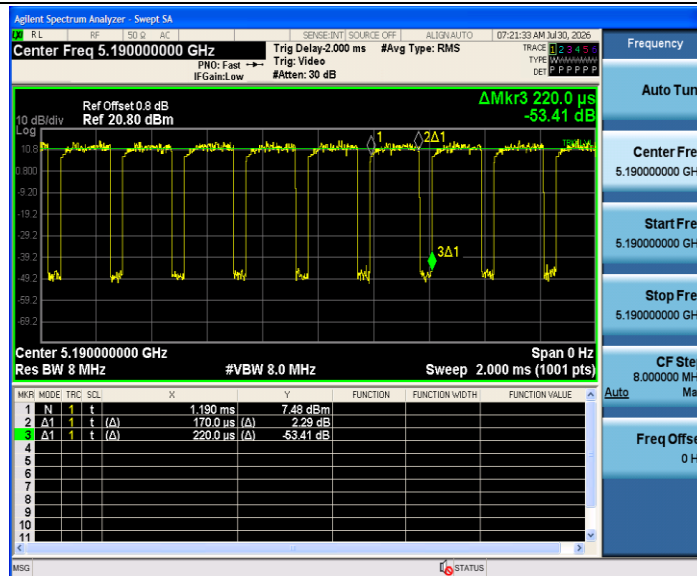
11AC20SISO_Ant1_5785



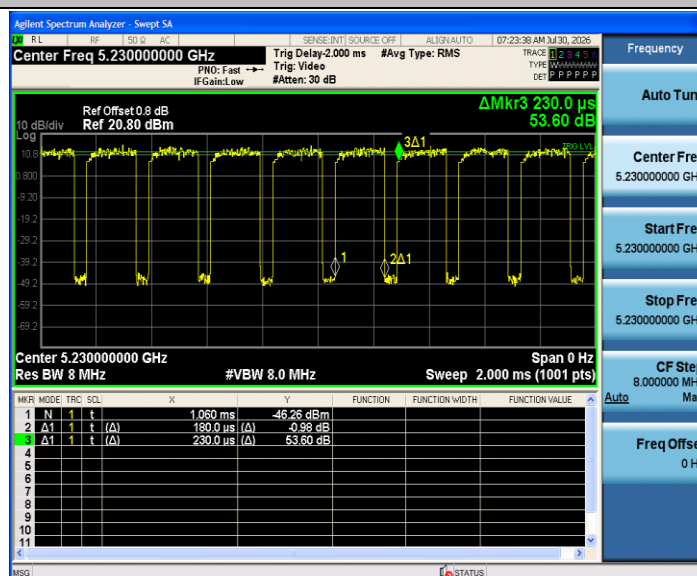
11AC20SISO_Ant1_5825



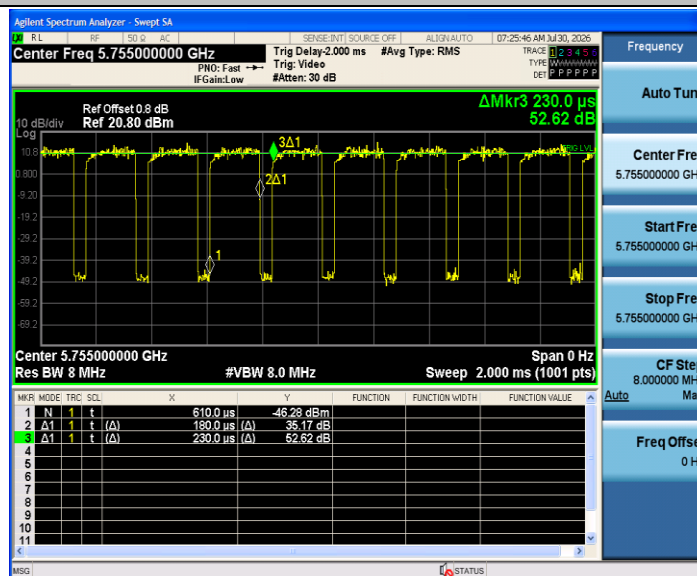
11AC40SISO_Ant1_5190



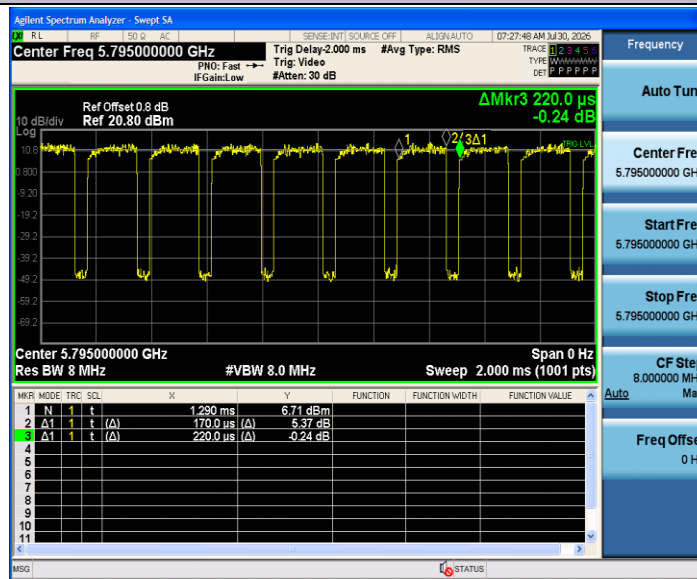
11AC40SISO_Ant1_5230



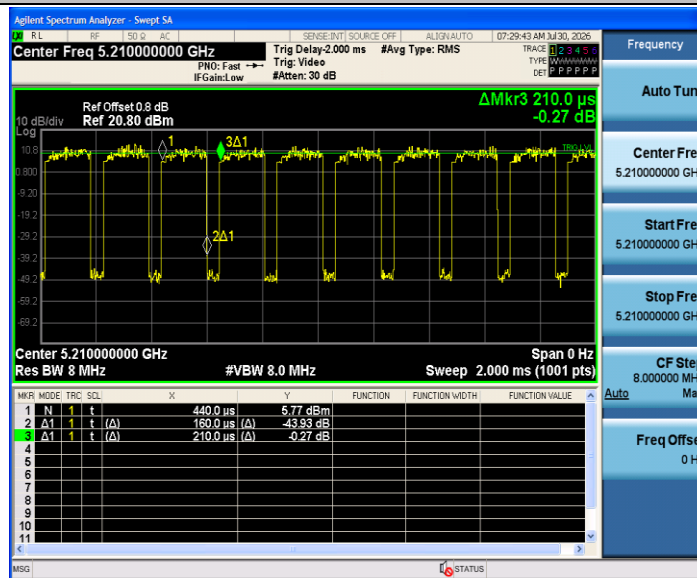
11AC40SISO_Ant1_5755



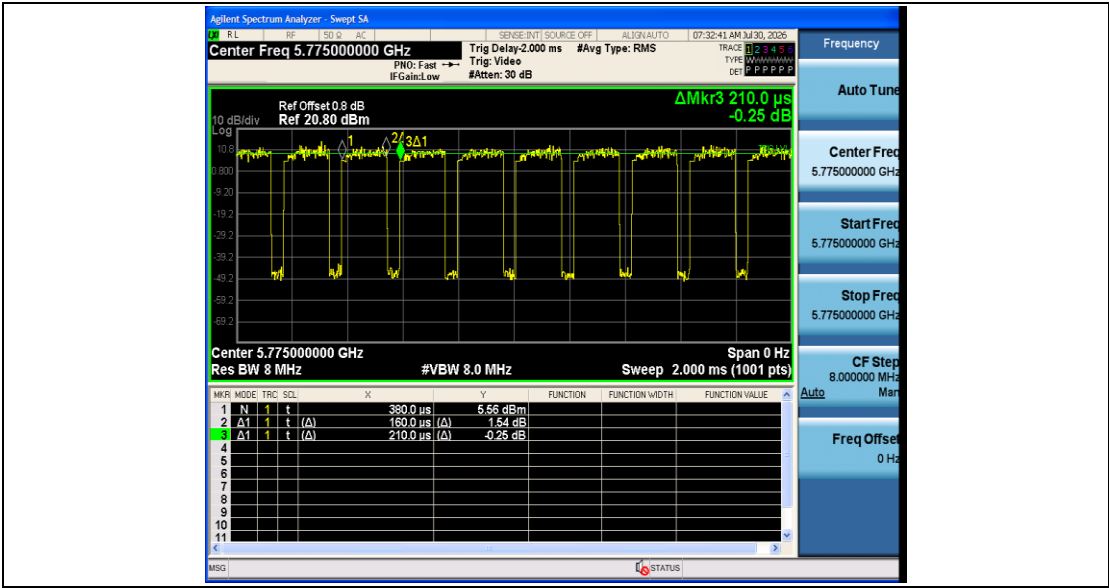
11AC40SISO_Ant1_5795



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	12.2	75.00	1.25	13.45	≤23.98	PASS
		5220	12.49	75.00	1.25	13.74	≤23.98	PASS
		5240	12.41	75.00	1.25	13.66	≤23.98	PASS
		5745	12.18	73.68	1.33	13.51	≤30.00	PASS
		5785	12.67	75.00	1.25	13.92	≤30.00	PASS
		5825	12.16	75.00	1.25	13.41	≤30.00	PASS
11N20SI SO	Ant1	5180	12.27	78.26	1.06	13.33	≤23.98	PASS
		5220	12.66	78.26	1.06	13.72	≤23.98	PASS
		5240	12.53	78.26	1.06	13.59	≤23.98	PASS
		5745	12.43	81.82	0.87	13.3	≤30.00	PASS
		5785	12.53	77.27	1.12	13.65	≤30.00	PASS
		5825	12.32	77.27	1.12	13.44	≤30.00	PASS
11N40SI SO	Ant1	5190	12.5	81.82	0.87	13.37	≤23.98	PASS
		5230	12.65	78.26	1.06	13.71	≤23.98	PASS
		5755	12.5	81.82	0.87	13.37	≤30.00	PASS
		5795	12.69	78.26	1.06	13.75	≤30.00	PASS
11AC20S ISO	Ant1	5180	12.42	83.87	0.76	13.18	≤23.98	PASS
		5220	12.69	83.33	0.79	13.48	≤23.98	PASS
		5240	12.56	83.87	0.76	13.32	≤23.98	PASS
		5745	12.49	83.87	0.76	13.25	≤30.00	PASS
		5785	12.71	83.33	0.79	13.5	≤30.00	PASS
		5825	12.46	86.67	0.62	13.08	≤30.00	PASS
11AC40S ISO	Ant1	5190	12.07	77.27	1.12	13.19	≤23.98	PASS
		5230	12.25	78.26	1.06	13.31	≤23.98	PASS
		5755	12.12	78.26	1.06	13.18	≤30.00	PASS
		5795	12.31	77.27	1.12	13.43	≤30.00	PASS
11AC80S ISO	Ant1	5210	12.39	76.19	1.18	13.57	≤23.98	PASS
		5775	12.27	76.19	1.18	13.45	≤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	2.77	1.25	0.00	4.02	≤11.00	PASS
		5220	2.54	1.25	0.00	3.79	≤11.00	PASS
		5240	2.23	1.25	0.00	3.48	≤11.00	PASS
		5745	-3.52	1.33	2.22	0.03	≤30.00	PASS
		5785	-3.16	1.25	2.22	0.31	≤30.00	PASS
		5825	-3.21	1.25	2.22	0.26	≤30.00	PASS
11N20SISO	Ant1	5180	1.9	1.06	0.00	2.96	≤11.00	PASS
		5220	2.43	1.06	0.00	3.49	≤11.00	PASS
		5240	2.41	1.06	0.00	3.47	≤11.00	PASS
		5745	-3.12	0.87	2.22	-0.03	≤30.00	PASS
		5785	-2.59	1.12	2.22	0.75	≤30.00	PASS
		5825	-3.32	1.12	2.22	0.02	≤30.00	PASS
11N40SISO	Ant1	5190	-1.07	0.87	0.00	-0.20	≤11.00	PASS
		5230	-1.02	1.06	0.00	0.04	≤11.00	PASS
		5755	-6.35	0.87	2.22	-3.26	≤30.00	PASS
		5795	-6.21	1.06	2.22	-2.93	≤30.00	PASS
11AC20SISO	Ant1	5180	2.02	0.76	0.00	2.78	≤11.00	PASS
		5220	2.18	0.79	0.00	2.97	≤11.00	PASS
		5240	2.07	0.76	0.00	2.83	≤11.00	PASS
		5745	-3.69	0.76	2.22	-0.71	≤30.00	PASS
		5785	-3.37	0.79	2.22	-0.36	≤30.00	PASS
		5825	-3.65	0.62	2.22	-0.81	≤30.00	PASS
11AC40SISO	Ant1	5190	-1.65	1.12	0.00	-0.53	≤11.00	PASS
		5230	-1.47	1.06	0.00	-0.41	≤11.00	PASS
		5755	-6.83	1.06	2.22	-3.55	≤30.00	PASS
		5795	-6.54	1.12	2.22	-3.20	≤30.00	PASS
11AC80SISO	Ant1	5210	-4.18	1.18	0.00	-3.00	≤11.00	PASS
		5775	-9.08	1.18	2.22	-5.68	≤30.00	PASS

Note:1.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.

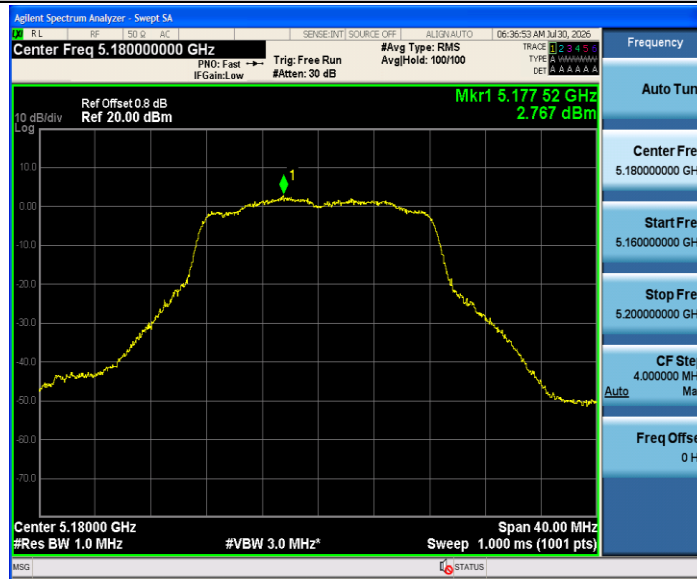
2. RBW factor= 10 log (500 KHz /300 KHz) = 2.22 dB

3. EIRP P.S.D(dBm/MHz)= Result P.S.D(dBm/MHz)+ Duty factor+Antenna Gain

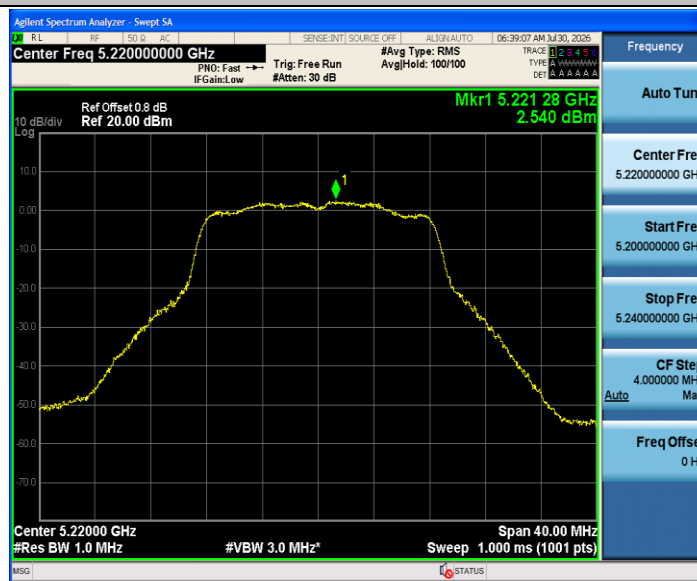
4. Note:Offset=cable loss

Test Graphs

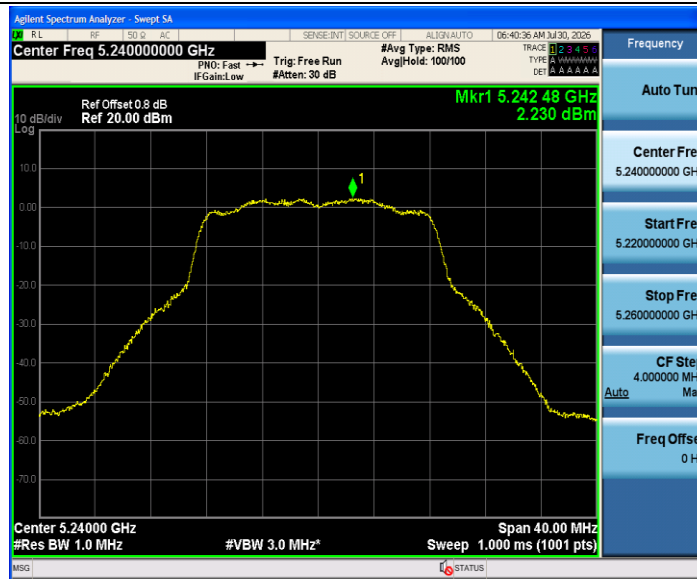
11A_Ant1_5180



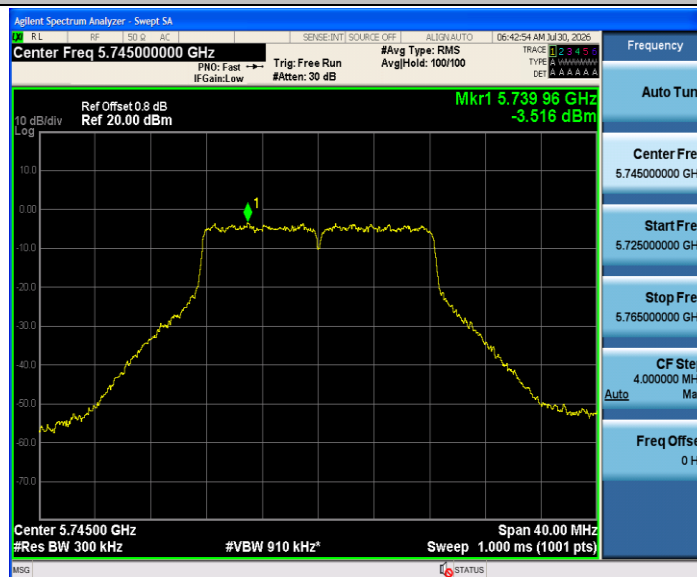
11A_Ant1_5220



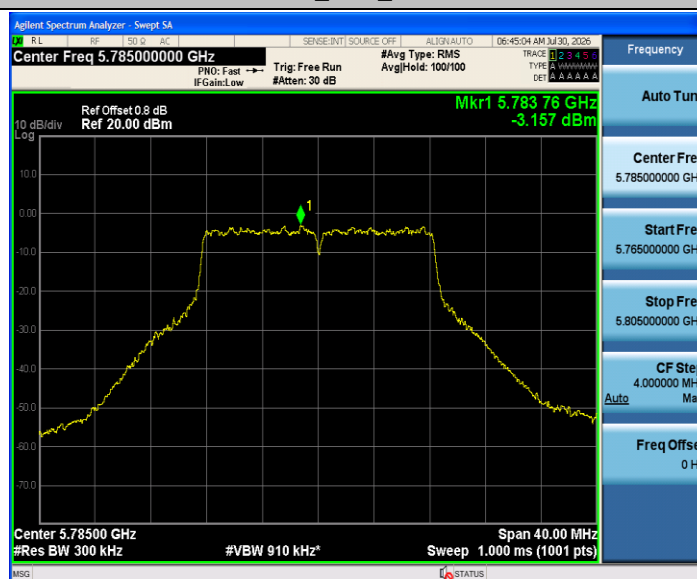
11A_Ant1_5240



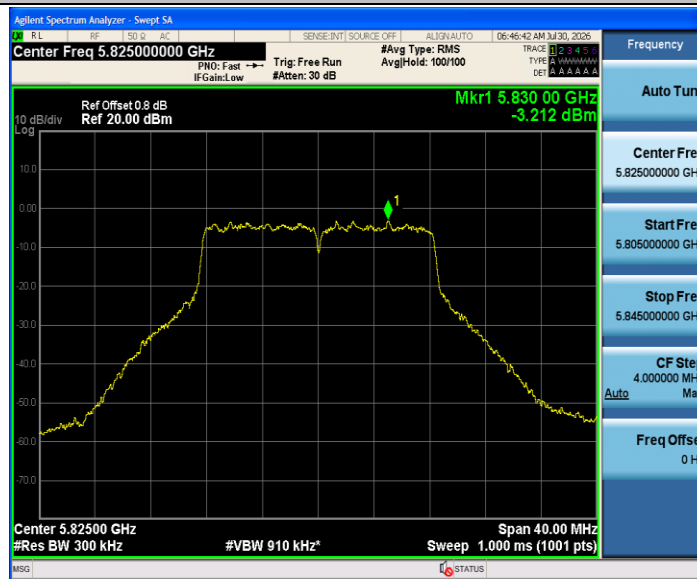
11A_Ant1_5745



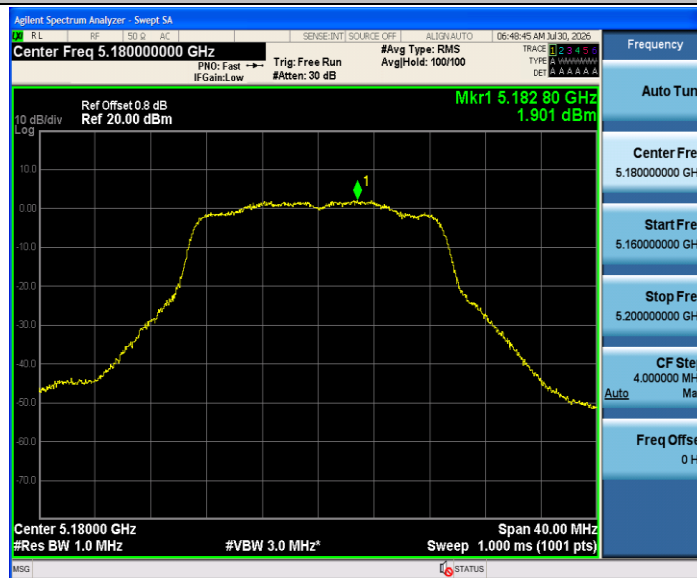
11A_Ant1_5785



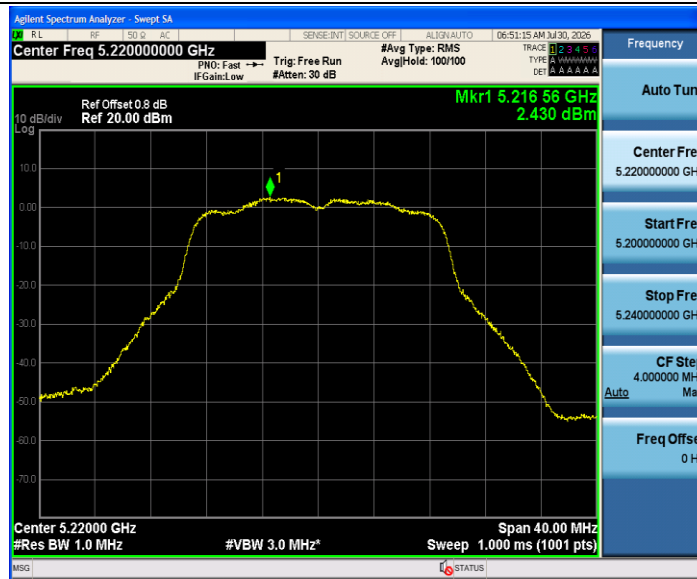
11A_Ant1_5825



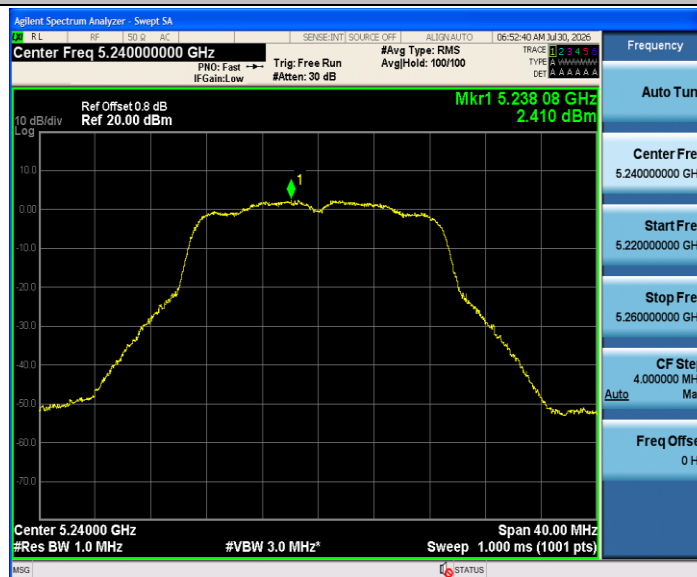
11N20SISO_Ant1_5180



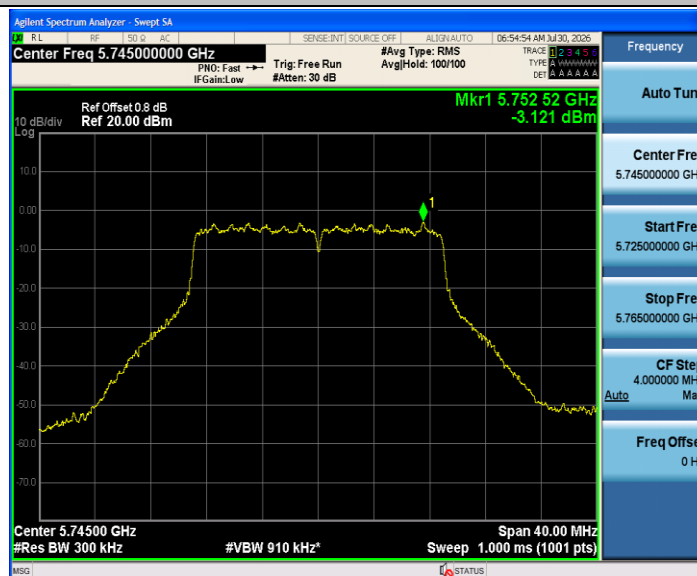
11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



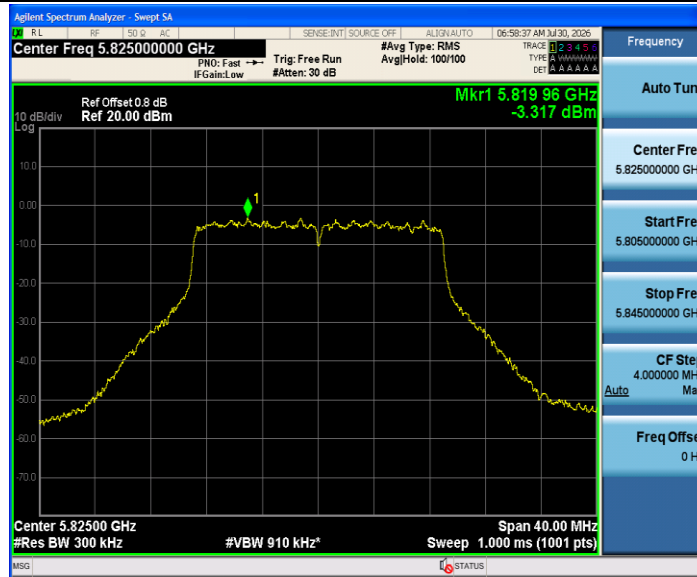
11N20SISO_Ant1_5745



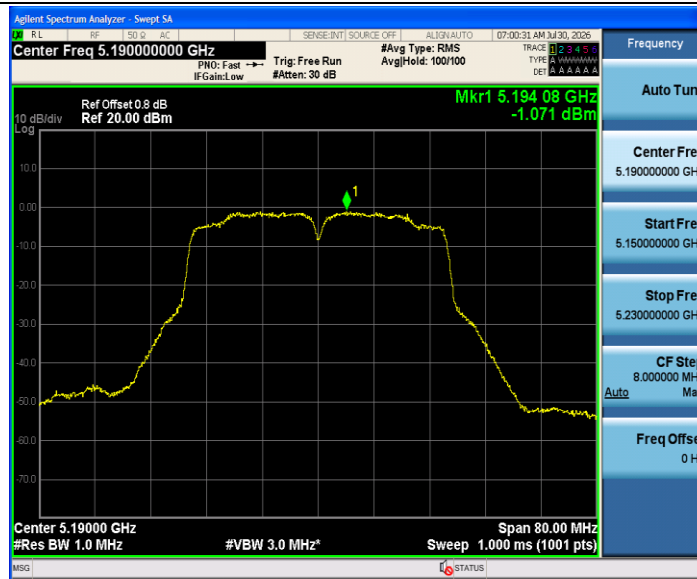
11N20SISO_Ant1_5785



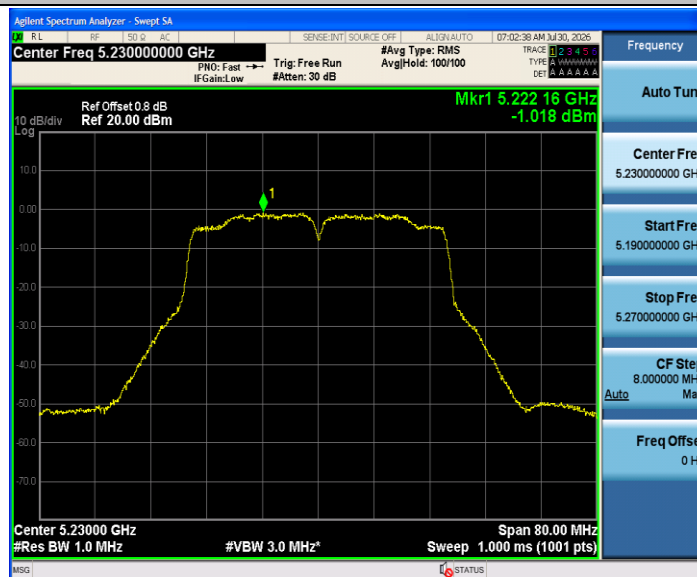
11N20SISO_Ant1_5825



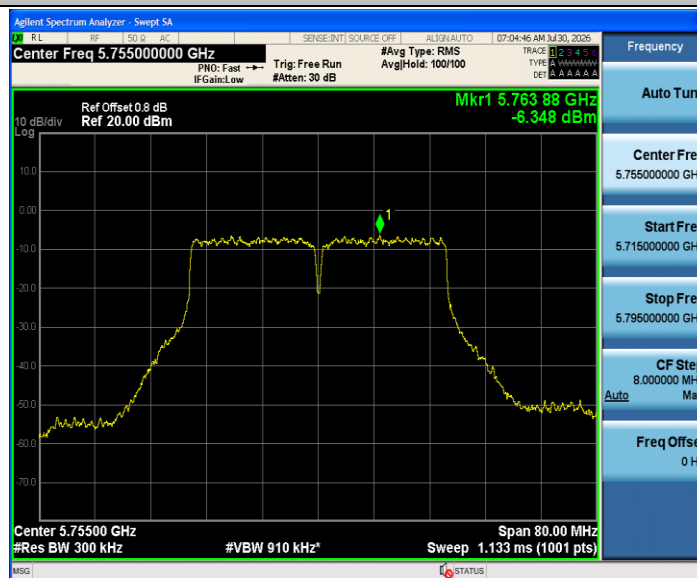
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



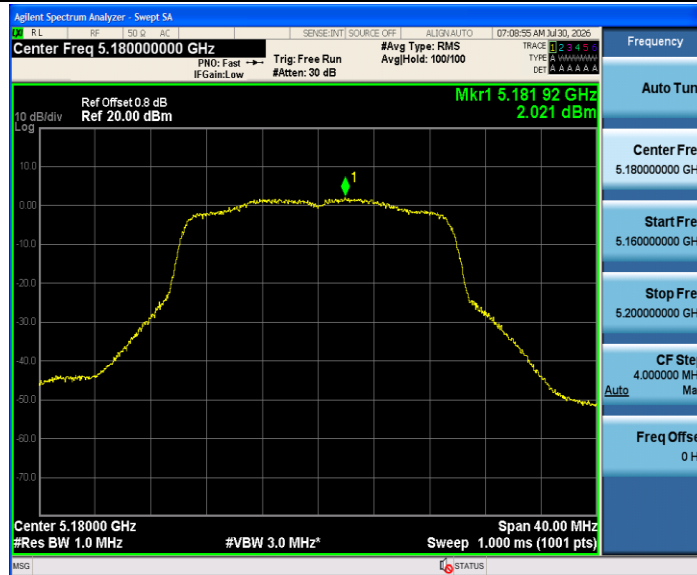
11N40SISO_Ant1_5755



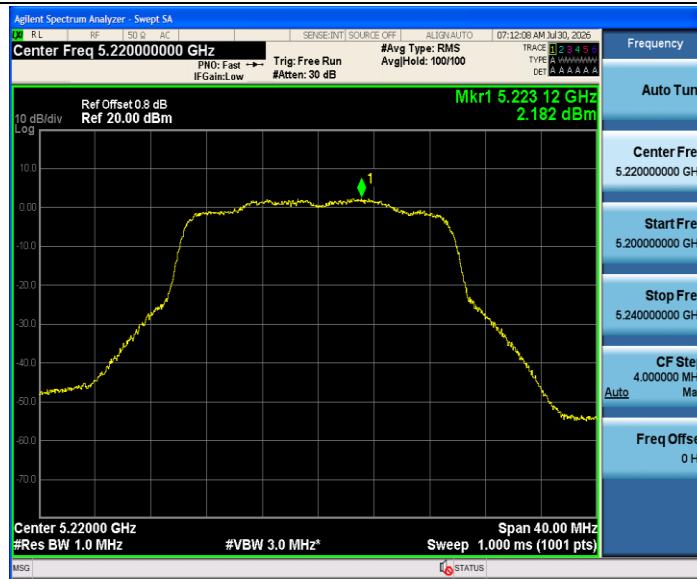
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



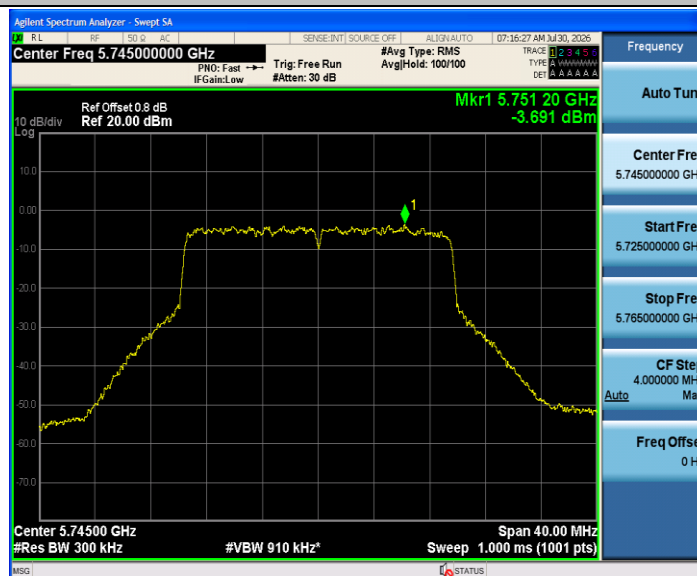
11AC20SISO_Ant1_5220



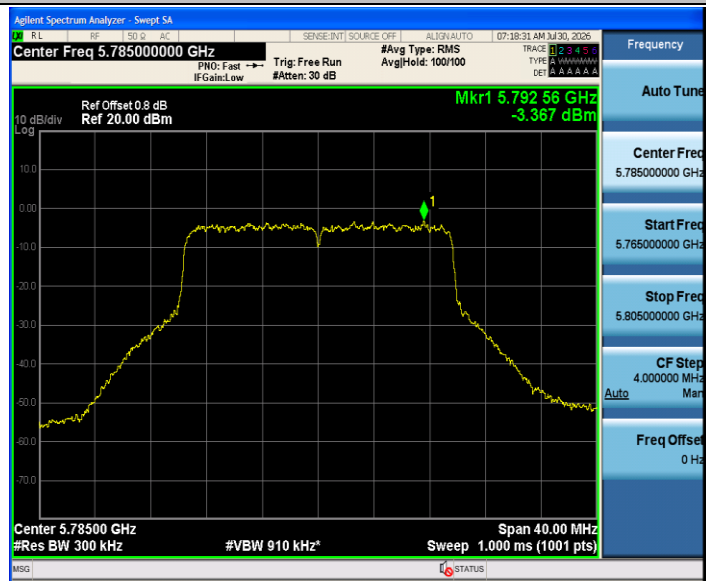
11AC20SISO_Ant1_5240



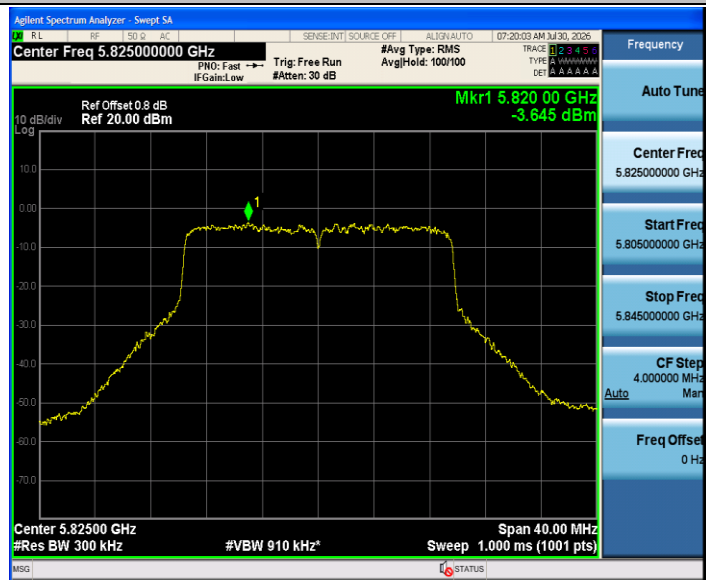
11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



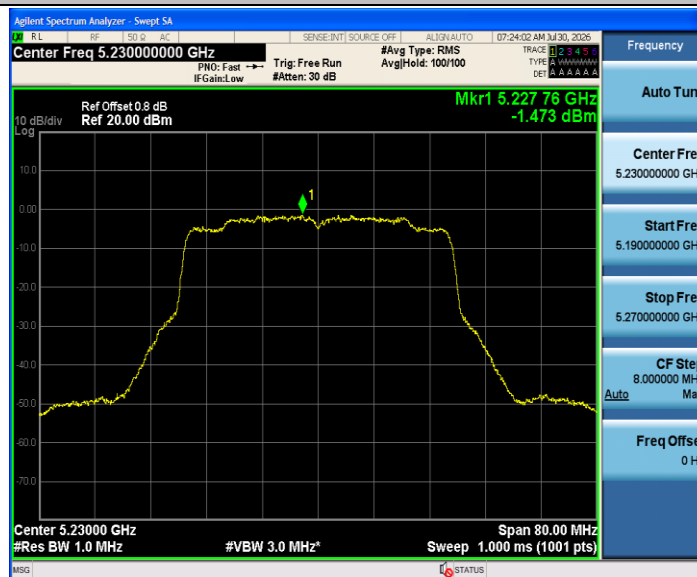
11AC20SISO_Ant1_5825



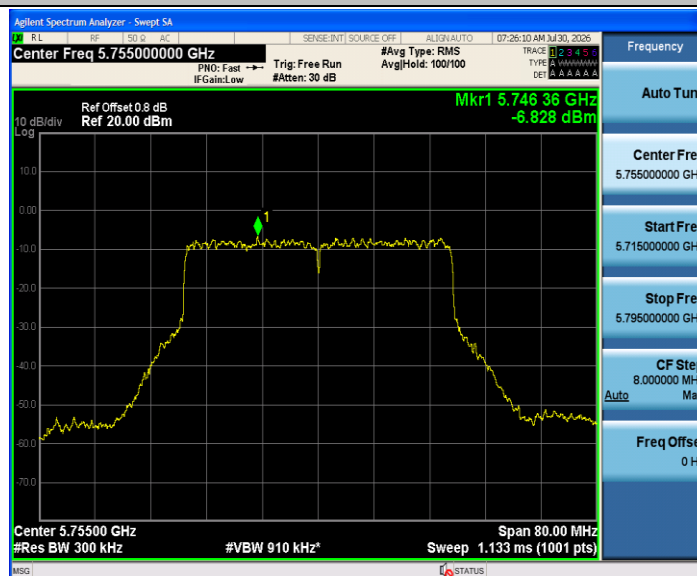
11AC40SISO_Ant1_5190



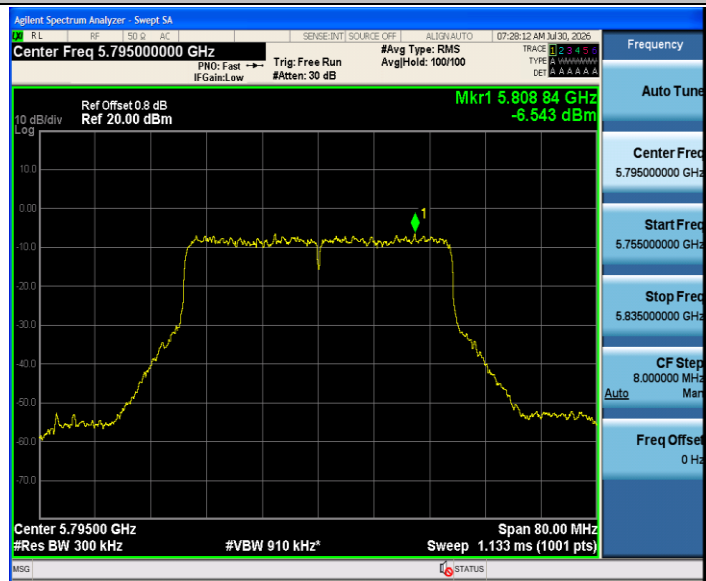
11AC40SISO_Ant1_5230



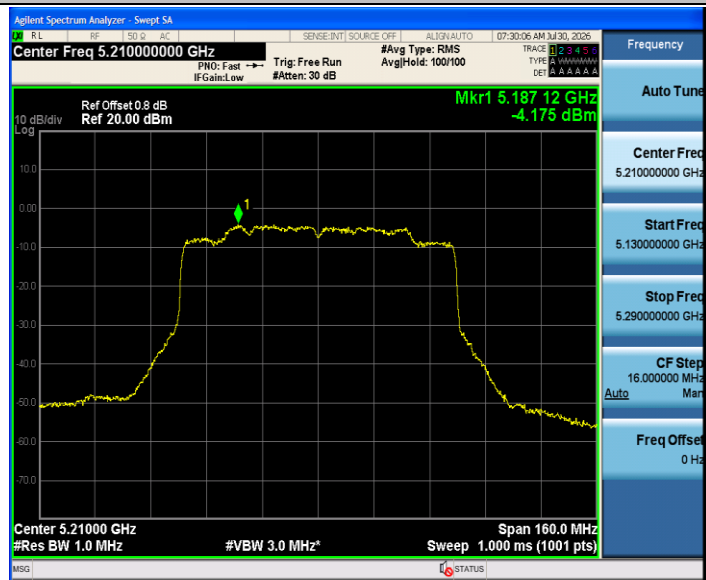
11AC40SISO_Ant1_5755



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	-41.43	≤-27	PASS
		High	5240	-49.03	≤-27	PASS
11N20SISO	Ant1	Low	5180	-46.02	≤-27	PASS
		High	5240	-48.62	≤-27	PASS
11N40SISO	Ant1	Low	5190	-39.2	≤-27	PASS
		High	5230	-48.34	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-44.39	≤-27	PASS
		High	5240	-48.16	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-38.29	≤-27	PASS
		High	5230	-48.8	≤-27	PASS
11AC80SISO	Ant1	Low	5210	-36.85	≤-27	PASS
		High	5210	-48.56	≤-27	PASS

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5645~5650	-48.08	≤-27	PASS
				5650~5700	-48.75	≤-26.96	PASS
				5700~5720	-46.64	≤11.12	PASS
				5720~5725	-46.22	≤16.60	PASS
		High	5825	5850~5855	-47.8	≤15.73	PASS
				5855~5875	-48.57	≤10.21	PASS
				5875~5925	-50.84	≤-26.61	PASS
				5925~5935	-49.97	≤-27	PASS
11N20SISO	Ant1	Low	5745	5645~5650	-48.17	≤-27	PASS
				5650~5700	-48.74	≤-26.87	PASS
				5700~5720	-44.77	≤12.47	PASS
				5720~5725	-40.12	≤20.54	PASS
		High	5825	5850~5855	-44.38	≤18.50	PASS
				5855~5875	-50.12	≤10.02	PASS
				5875~5925	-50.98	≤-26.71	PASS
				5925~5935	-49.76	≤-27	PASS
11N40SISO	Ant1	Low	5755	5645~5650	-46.56	≤-27	PASS
				5650~5700	-47.54	≤-26.80	PASS
				5700~5720	-37.77	≤15.54	PASS
				5720~5725	-38.26	≤16.04	PASS

		High	5795	5850~5855	-48.35	≤ 16.79	PASS
				5855~5875	-48.45	≤ 10.53	PASS
				5875~5925	-49.44	≤ -26.10	PASS
				5925~5935	-49.88	≤ -27	PASS
11AC20S ISO	Ant1	Low	5745	5645~5650	-46.86	≤ -27	PASS
				5650~5700	-48.15	≤ -26.36	PASS
				5700~5720	-47.78	≤ 10.25	PASS
				5720~5725	-44.2	≤ 16.34	PASS
		High	5825	5850~5855	-38.8	≤ 23.42	PASS
				5855~5875	-49.45	≤ 10.10	PASS
				5875~5925	-51.02	≤ -26.81	PASS
				5925~5935	-49.69	≤ -27	PASS
11AC40S ISO	Ant1	Low	5755	5645~5650	-47.74	≤ -27	PASS
				5650~5700	-47.89	≤ -26.40	PASS
				5700~5720	-37.81	≤ 15.54	PASS
				5720~5725	-38.05	≤ 16.04	PASS
		High	5795	5850~5855	-49	≤ 15.66	PASS
				5855~5875	-46.97	≤ 10.76	PASS
				5875~5925	-50.92	≤ -26.83	PASS
				5925~5935	-49.87	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5645~5650	-46.43	≤ -27	PASS
				5650~5700	-46.69	≤ -26.34	PASS
				5700~5720	-41.63	≤ 10.09	PASS
				5720~5725	-39.02	≤ 16.35	PASS
		High	5775	5850~5855	-41.6	≤ 16.26	PASS
				5855~5875	-45.31	≤ 10.14	PASS
				5875~5925	-48.73	≤ -26.32	PASS
				5925~5935	-48.19	≤ -27	PASS

Test Graphs B1

