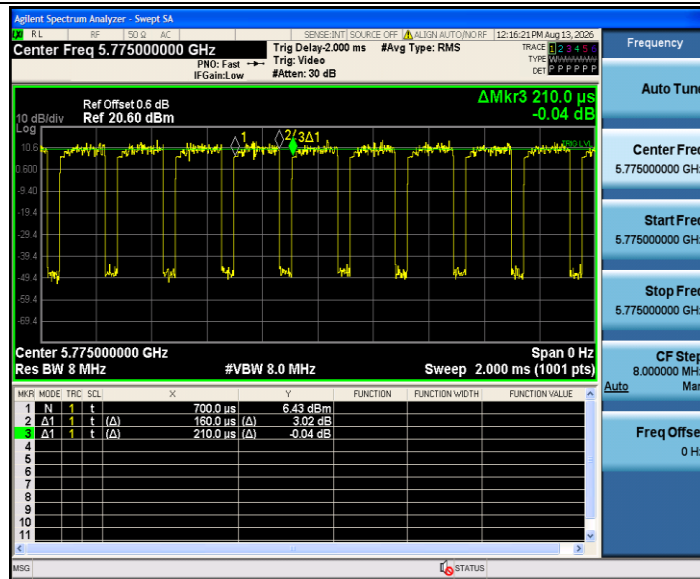
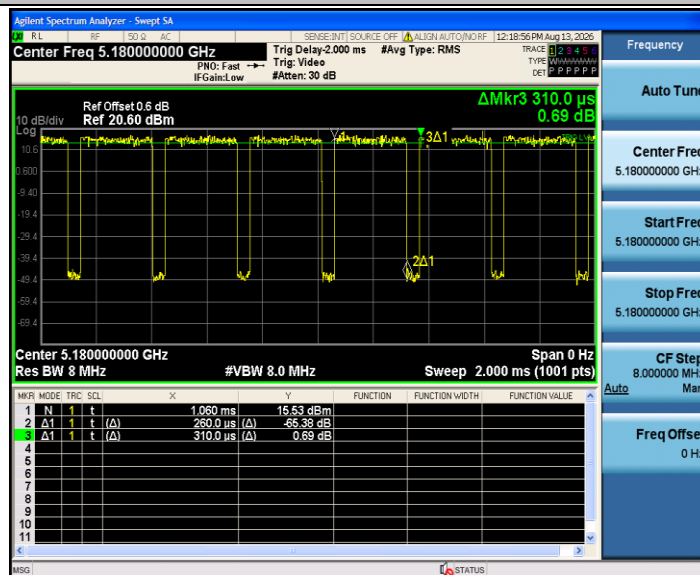
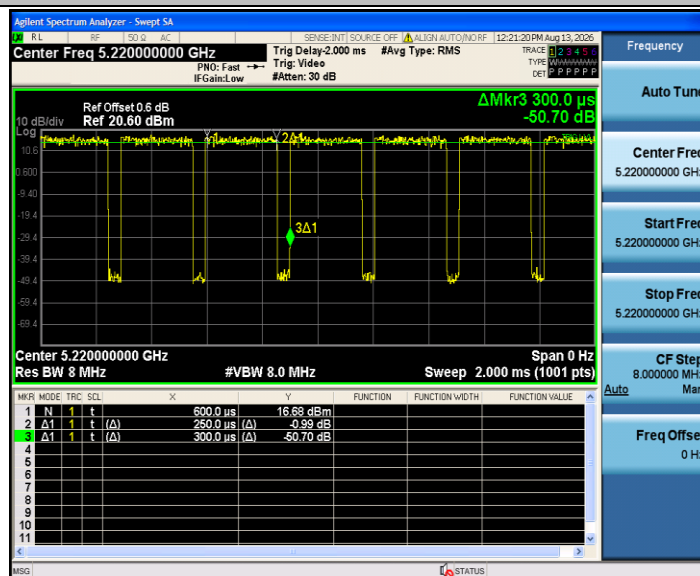




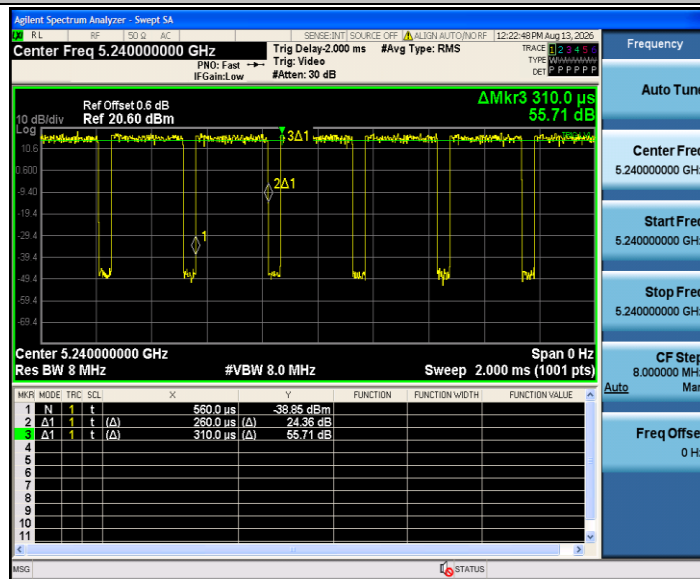
11AX20SISO_Ant1_5180



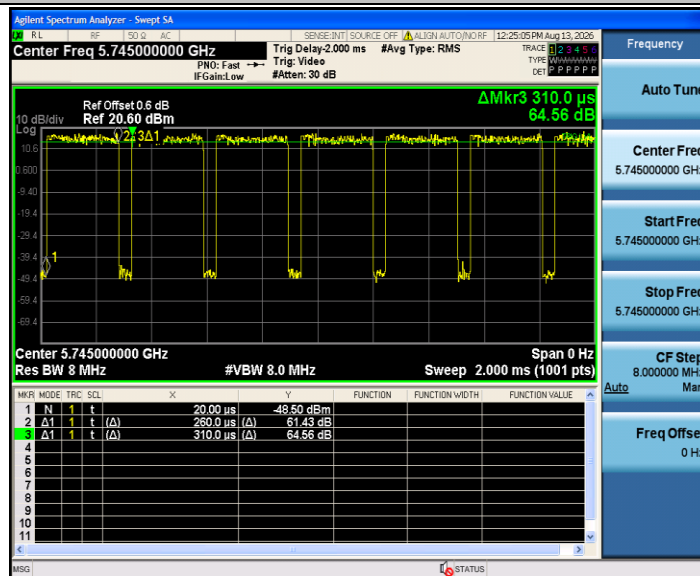
11AX20SISO_Ant1_5220



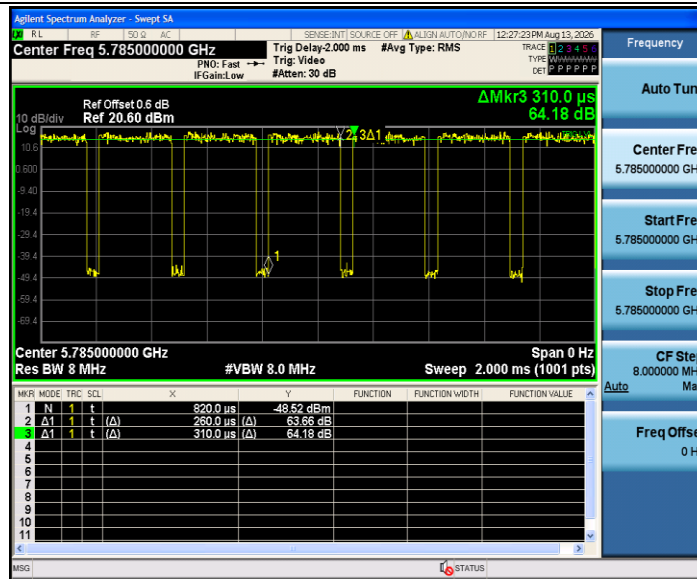
11AX20SISO_Ant1_5240



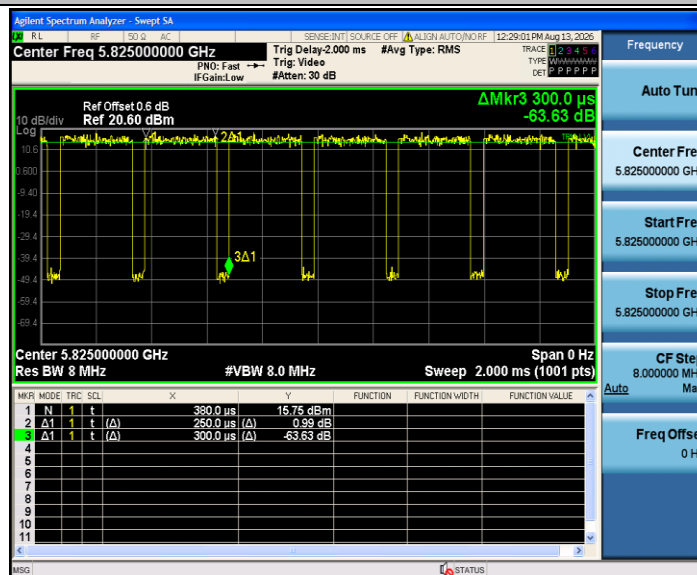
11AX20SISO_Ant1_5745



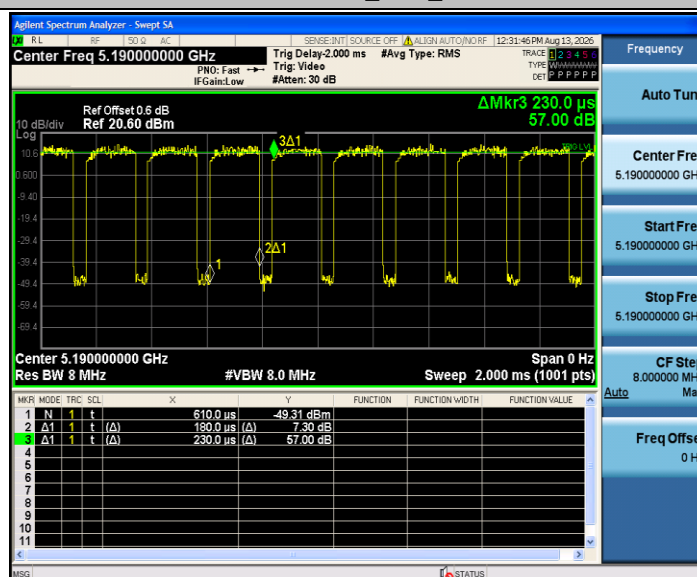
11AX20SISO_Ant1_5785



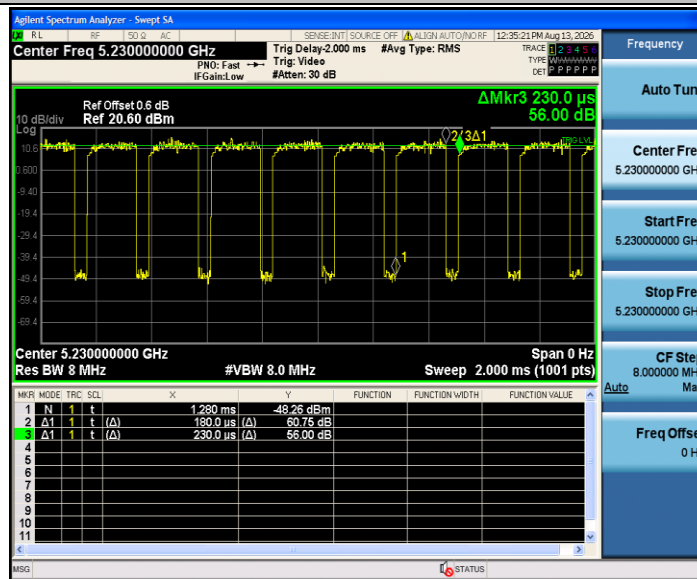
11AX20SISO_Ant1_5825



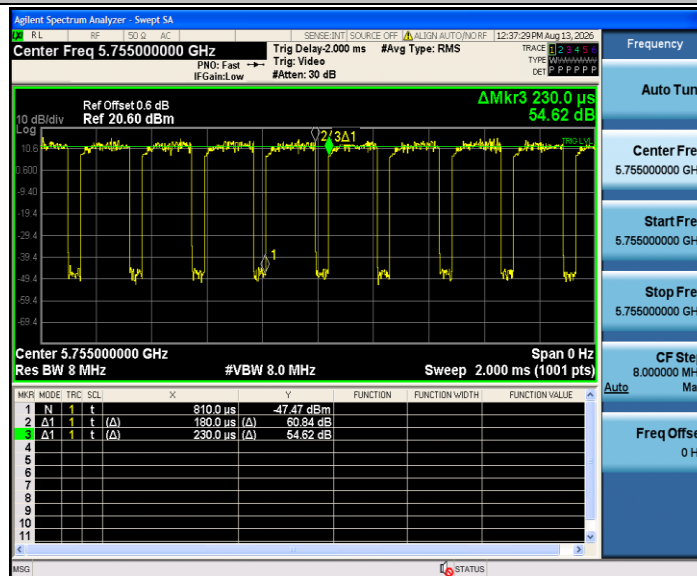
11AX40SISO_Ant1_5190



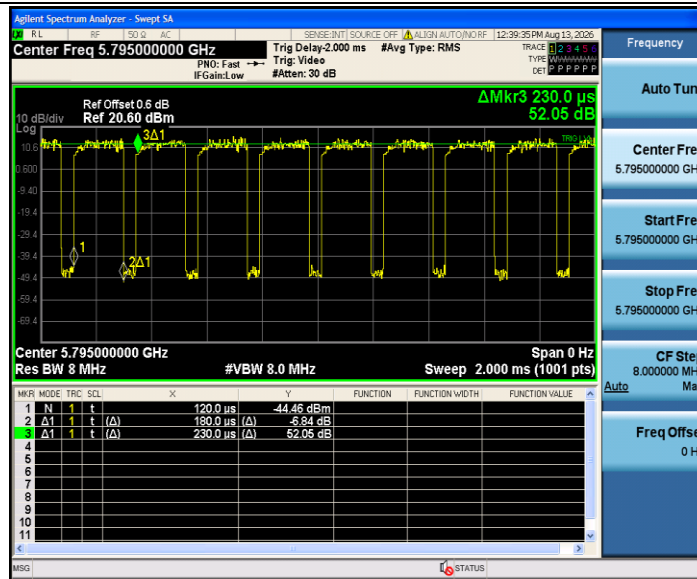
11AX40SISO_Ant1_5230



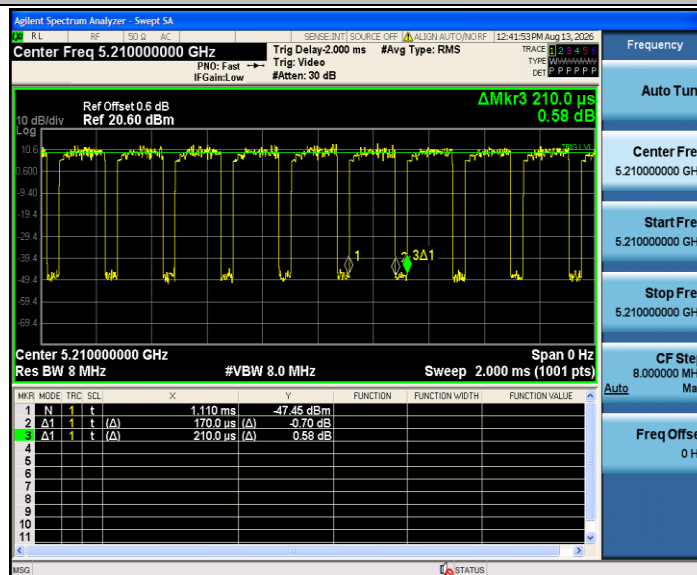
11AX40SISO_Ant1_5755



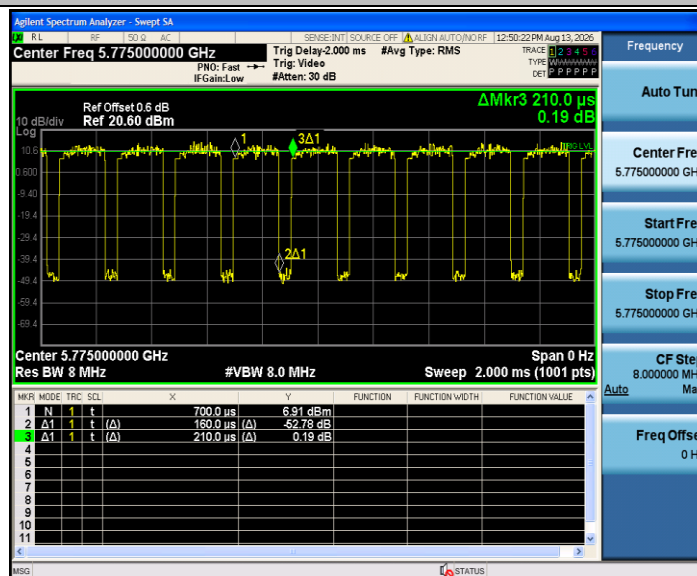
11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5210



11AX80SISO_Ant1_5775



Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Freq(MHz)	conducted Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	14.08	73.68	1.33	15.41	≤23.98	PASS
		5220	14.32	78.95	1.03	15.35	≤23.98	PASS
		5240	14.30	75.00	1.25	15.55	≤23.98	PASS
		5745	14.26	75.00	1.25	15.51	≤30.00	PASS
		5785	14.52	75.00	1.25	15.77	≤30.00	PASS
		5825	14.29	75.00	1.25	15.54	≤30.00	PASS
11N20SIS O	Ant1	5180	13.38	78.26	1.06	14.44	≤23.98	PASS
		5220	13.82	77.27	1.12	14.94	≤23.98	PASS
		5240	13.78	81.82	0.87	14.65	≤23.98	PASS
		5745	13.89	78.26	1.06	14.95	≤30.00	PASS
		5785	14.17	78.26	1.06	15.23	≤30.00	PASS
		5825	13.93	77.27	1.12	15.05	≤30.00	PASS
11N40SIS O	Ant1	5190	13.59	78.26	1.06	14.65	≤23.98	PASS
		5230	13.20	78.26	1.06	14.26	≤23.98	PASS
		5755	13.38	78.26	1.06	14.44	≤30.00	PASS
		5795	13.59	81.82	0.87	14.46	≤30.00	PASS
11AC20SISO	Ant1	5180	12.65	86.67	0.62	13.27	≤23.98	PASS
		5220	13.06	83.87	0.76	13.82	≤23.98	PASS
		5240	13.10	83.33	0.79	13.89	≤23.98	PASS
		5745	13.34	83.87	0.76	14.10	≤30.00	PASS
		5785	13.51	86.67	0.62	14.13	≤30.00	PASS
		5825	13.24	83.87	0.76	14.00	≤30.00	PASS
11AC40SISO	Ant1	5190	12.16	81.82	0.87	13.03	≤23.98	PASS
		5230	12.55	77.27	1.12	13.67	≤23.98	PASS
		5755	12.90	81.82	0.87	13.77	≤30.00	PASS
		5795	13.16	78.26	1.06	14.22	≤30.00	PASS
11AC80SISO	Ant1	5210	12.43	76.19	1.18	13.61	≤23.98	PASS
		5775	13.05	76.19	1.18	14.23	≤30.00	PASS
11AX20SISO	Ant1	5180	12.36	83.87	0.76	13.12	≤23.98	PASS
		5220	12.89	83.33	0.79	13.68	≤23.98	PASS
		5240	12.83	83.87	0.76	13.59	≤23.98	PASS
		5745	13.30	83.87	0.76	14.06	≤30.00	PASS
		5785	13.53	83.87	0.76	14.29	≤30.00	PASS
		5825	13.27	83.33	0.79	14.06	≤30.00	PASS

11AX40SI SO	Ant1	5190	12.15	78.26	1.06	13.21	≤23.98	PASS
		5230	12.57	78.26	1.06	13.63	≤23.98	PASS
		5755	12.95	78.26	1.06	14.01	≤30.00	PASS
		5795	13.20	78.26	1.06	14.26	≤30.00	PASS
11AX80SI SO	Ant1	5210	12.44	80.95	0.92	13.36	≤23.98	PASS
		5775	13.69	76.19	1.18	14.87	≤30.00	PASS

Appendix D: Maximum power spectral density

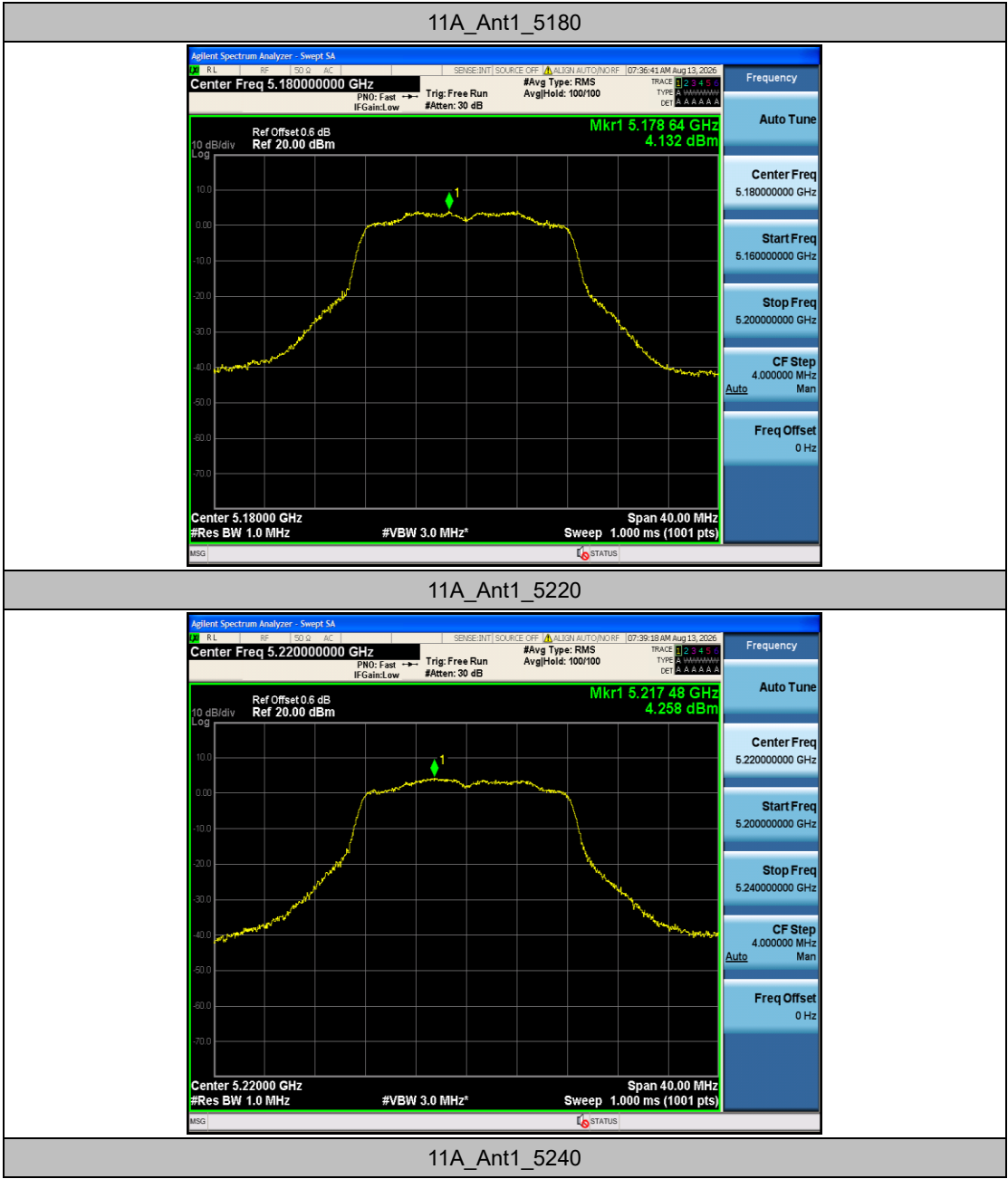
Test Result

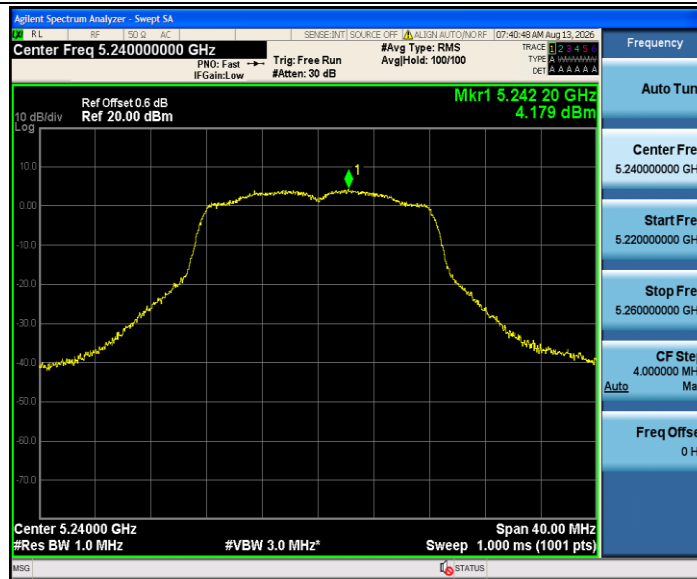
TestMode	Antenna	Freq(MHz)	RawData [dBm/MHz]	DC Factor [dBm]	RBW Factor [dBm]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	4.13	1.33	0.00	5.46	≤11.00	PASS
		5220	4.26	1.03	0.00	5.29	≤11.00	PASS
		5240	4.18	1.25	0.00	5.43	≤11.00	PASS
		5745	-1.33	1.25	2.22	2.14	≤30.00	PASS
		5785	-1.11	1.25	2.22	2.36	≤30.00	PASS
		5825	-1.09	1.25	2.22	2.38	≤30.00	PASS
11N20SISO	Ant1	5180	2.98	1.06	0.00	4.04	≤11.00	PASS
		5220	3.55	1.12	0.00	4.67	≤11.00	PASS
		5240	3.48	0.87	0.00	4.35	≤11.00	PASS
		5745	-1.85	1.06	2.22	1.43	≤30.00	PASS
		5785	-1.82	1.06	2.22	1.46	≤30.00	PASS
		5825	-1.56	1.12	2.22	1.78	≤30.00	PASS
11N40SISO	Ant1	5190	0.02	1.06	0.00	1.08	≤11.00	PASS
		5230	-0.47	1.06	0.00	0.59	≤11.00	PASS
		5755	-5.67	1.06	2.22	-2.39	≤30.00	PASS
		5795	-4.86	0.87	2.22	-1.77	≤30.00	PASS
11AC20SISO	Ant1	5180	2.24	0.62	0.00	2.86	≤11.00	PASS
		5220	2.8	0.76	0.00	3.56	≤11.00	PASS
		5240	2.44	0.79	0.00	3.23	≤11.00	PASS
		5745	-2.76	0.76	2.22	0.22	≤30.00	PASS
		5785	-2.62	0.62	2.22	0.22	≤30.00	PASS
		5825	-3.11	0.76	2.22	-0.13	≤30.00	PASS
11AC40SISO	Ant1	5190	-1.58	0.87	0.00	-0.71	≤11.00	PASS
		5230	-1.2	1.12	0.00	-0.08	≤11.00	PASS
		5755	-5.94	0.87	2.22	-2.85	≤30.00	PASS
		5795	-5.92	1.06	2.22	-2.64	≤30.00	PASS
11AC80SISO	Ant1	5210	-4.06	1.18	0.00	-2.88	≤11.00	PASS
		5775	-7.92	1.18	2.22	-4.52	≤30.00	PASS
11AX20SISO	Ant1	5180	1.54	0.76	0.00	2.30	≤11.00	PASS
		5220	2.4	0.79	0.00	3.19	≤11.00	PASS
		5240	2.29	0.76	0.00	3.05	≤11.00	PASS
		5745	-2.77	0.76	2.22	0.21	≤30.00	PASS
		5785	-2.36	0.76	2.22	0.62	≤30.00	PASS
		5825	-2.59	0.79	2.22	0.42	≤30.00	PASS
11AX40SISO	Ant1	5190	-1.4	1.06	0.00	-0.34	≤11.00	PASS
		5230	-1.21	1.06	0.00	-0.15	≤11.00	PASS

11AX80SISO	Ant1	5755	-6.18	1.06	2.22	-2.90	≤30.00	PASS
		5795	-5.83	1.06	2.22	-2.55	≤30.00	PASS
		5210	-3.58	0.92	0.00	-2.66	≤11.00	PASS
		5775	-7.89	1.18	2.22	-4.49	≤30.00	PASS

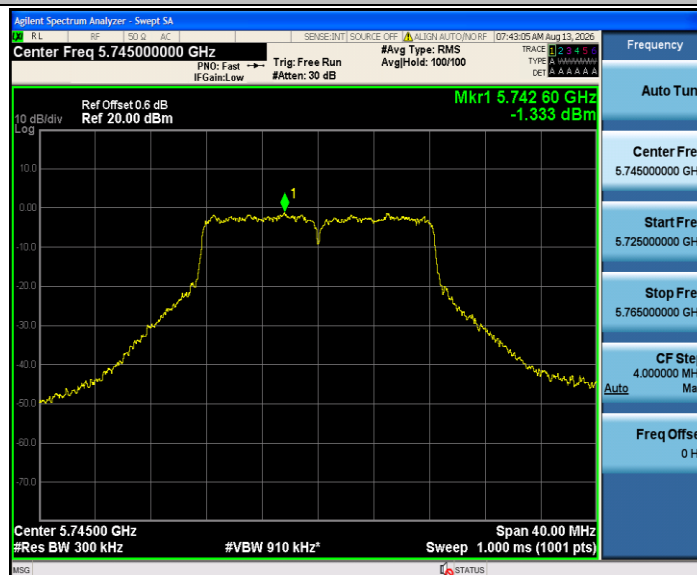
Note:1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz. $P.S.D(dBm/500KHz) = P.S.D(dBm/300KHz) + 10 \log(500 \text{ kHz}/300KHz) + \text{Duty factor}$. 2. RBW factor= $10 \log(500 \text{ KHz} / 300 \text{ KHz}) = 2.22 \text{ dB}$ 3. EIRP $P.S.D(dBm/MHz) = \text{Result } P.S.D(dBm/MHz) + \text{Duty factor} + \text{Antenna Gain}$ 4. Note:Offset=cable loss

Test Graphs

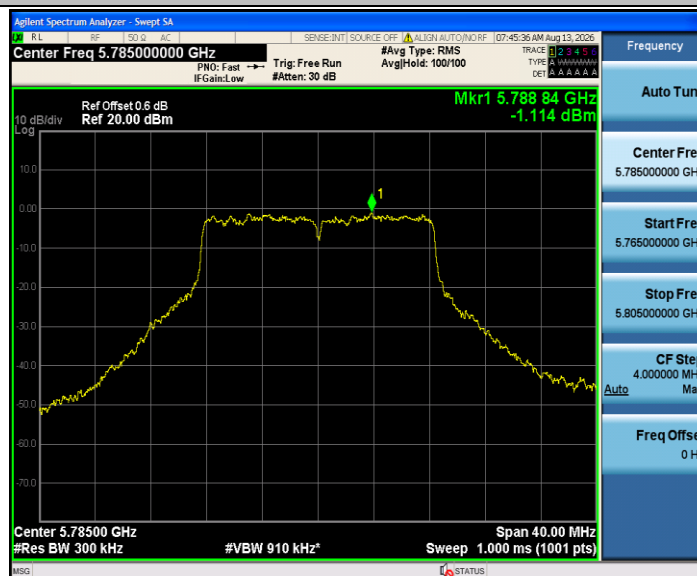




11A_Ant1_5745



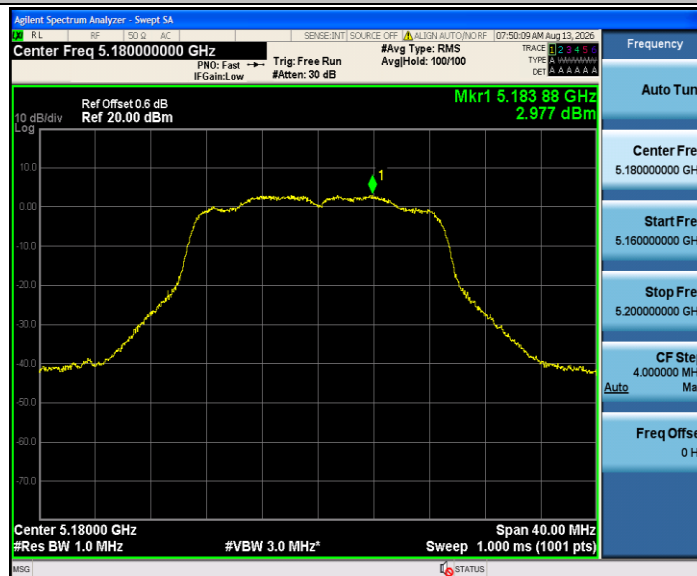
11A_Ant1_5785



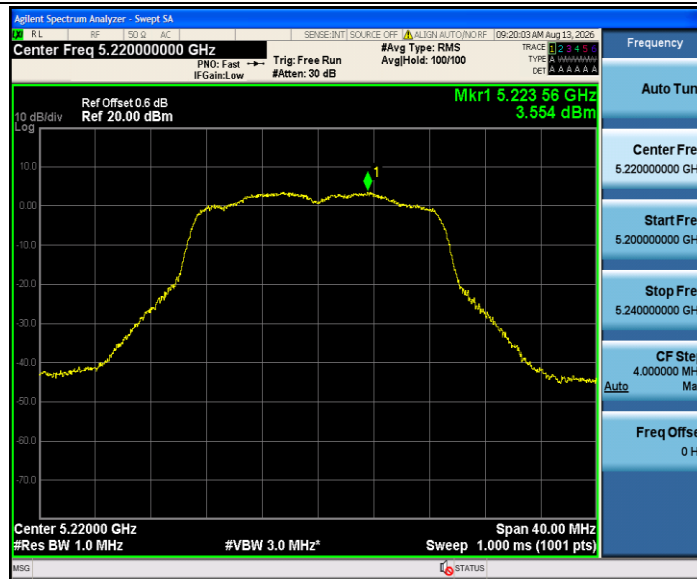
11A_Ant1_5825



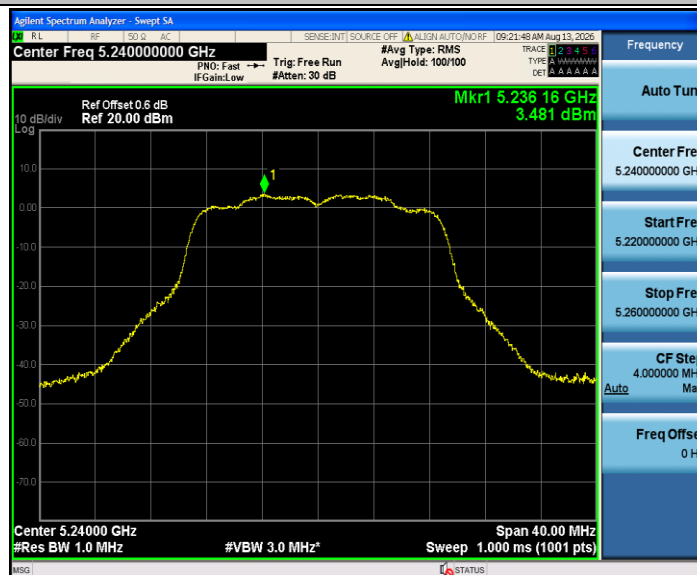
11N20SISO_Ant1_5180



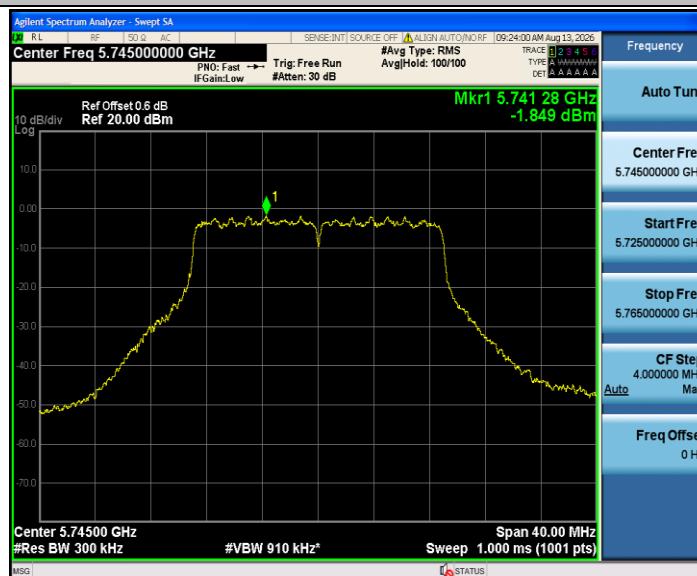
11N20SISO_Ant1_5220



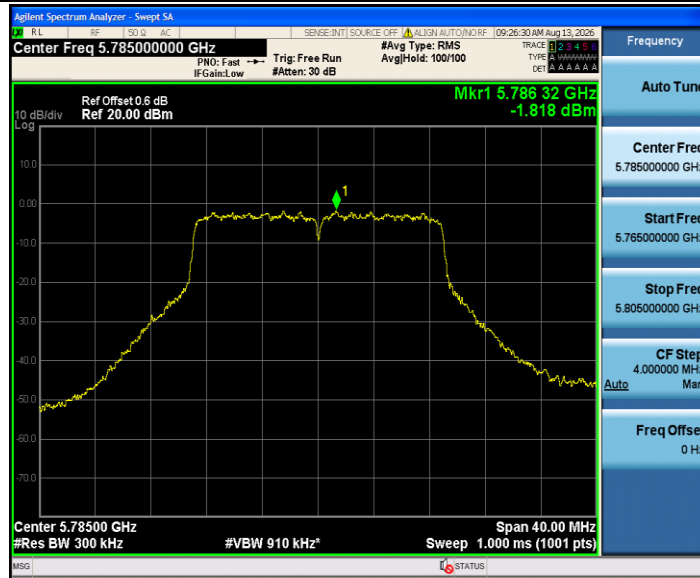
11N20SISO_Ant1_5240



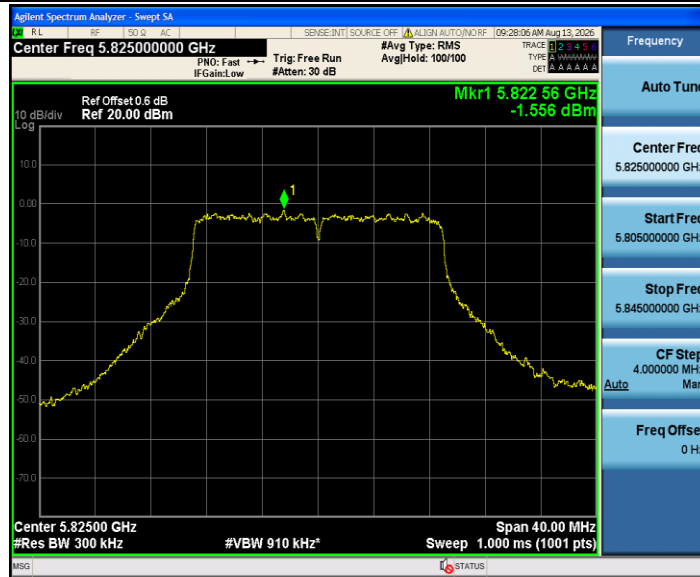
11N20SISO_Ant1_5745



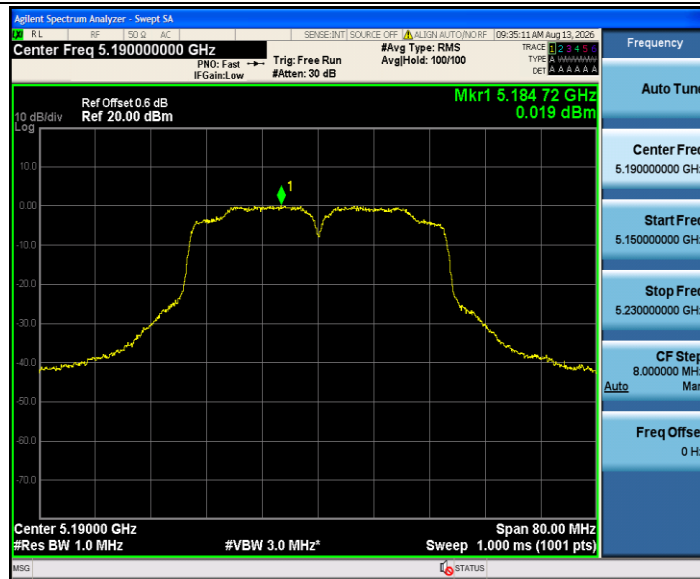
11N20SISO_Ant1_5785



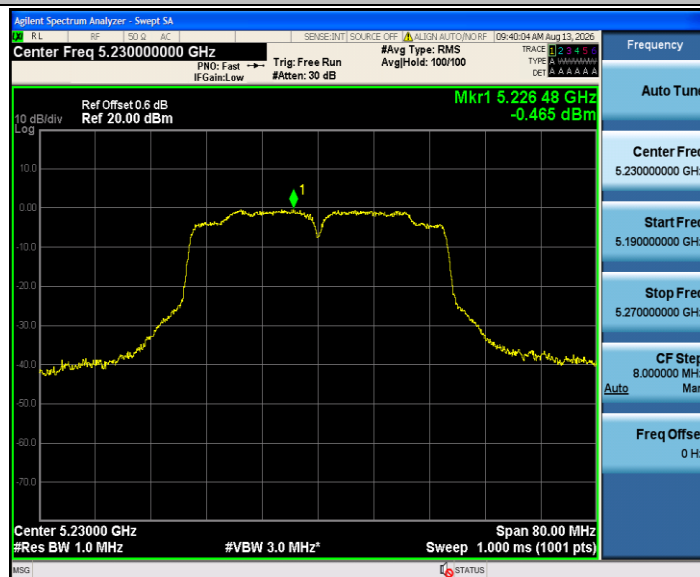
11N20SISO_Ant1_5825



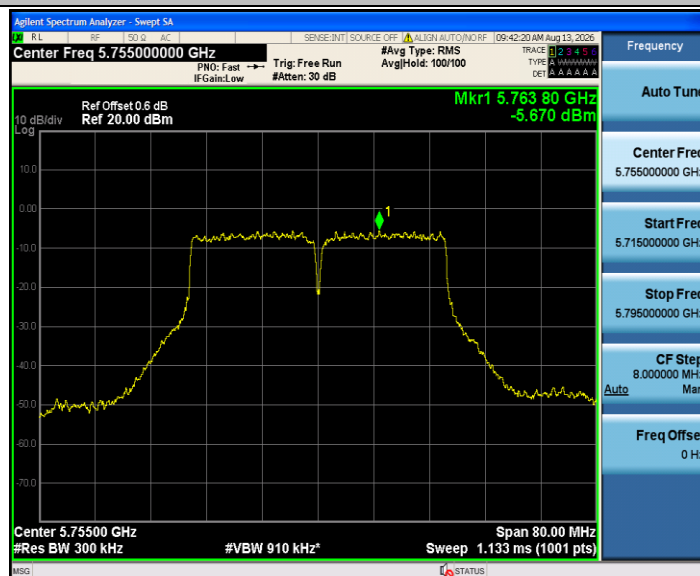
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



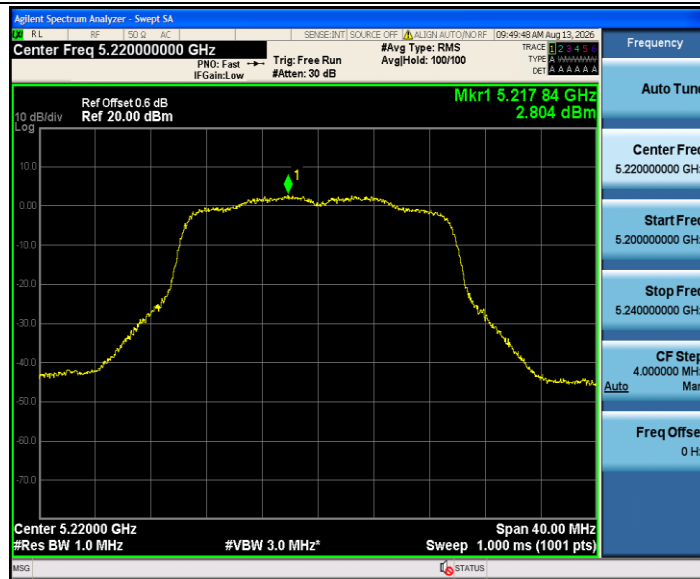
11N40SISO_Ant1_5795



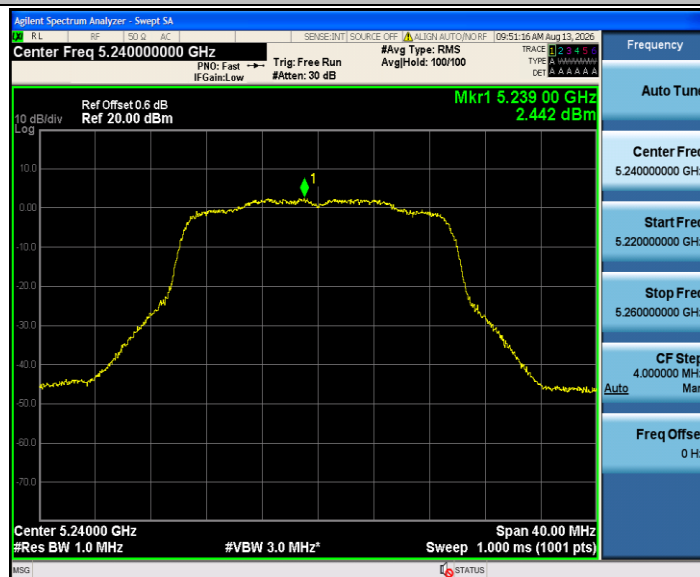
11AC20SISO_Ant1_5180



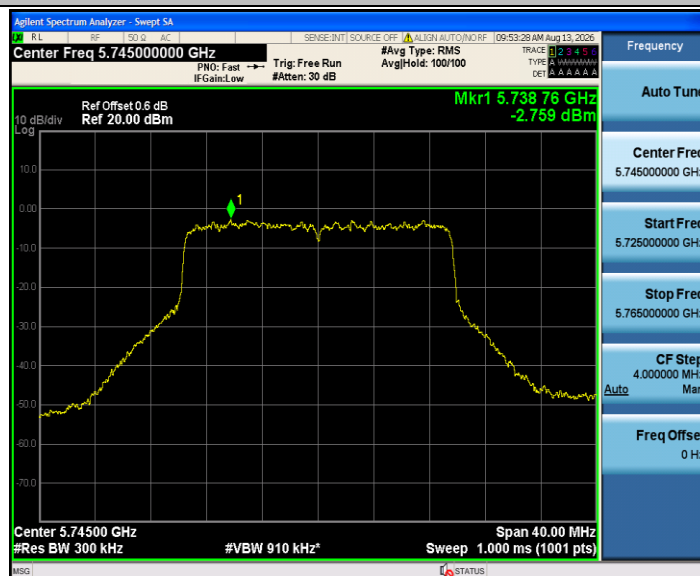
11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



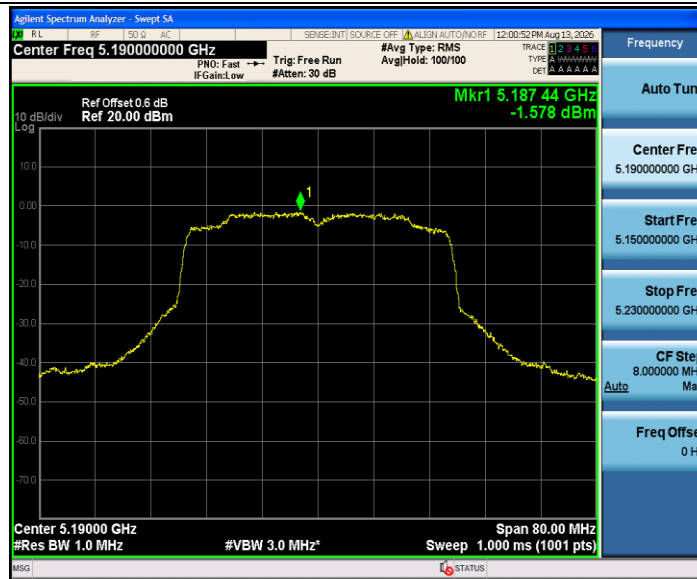
11AC20SISO_Ant1_5785



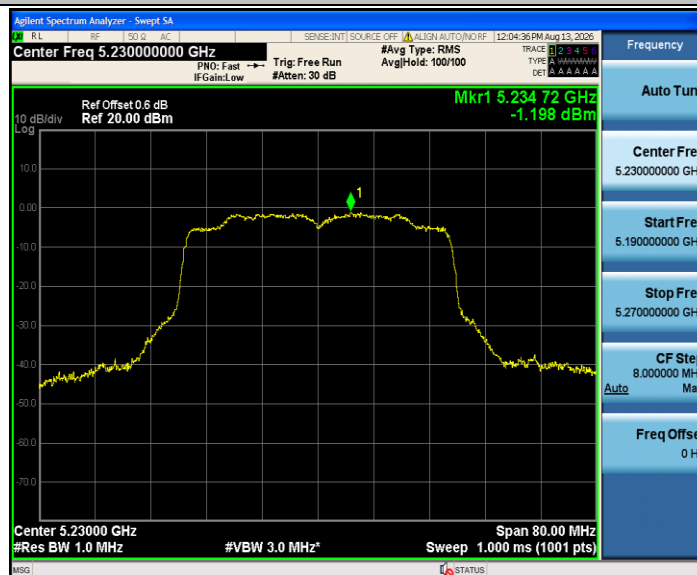
11AC20SISO_Ant1_5825



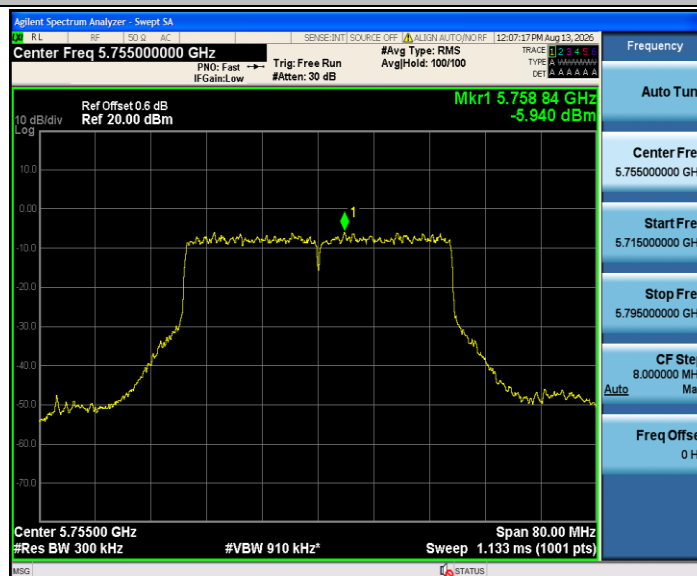
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



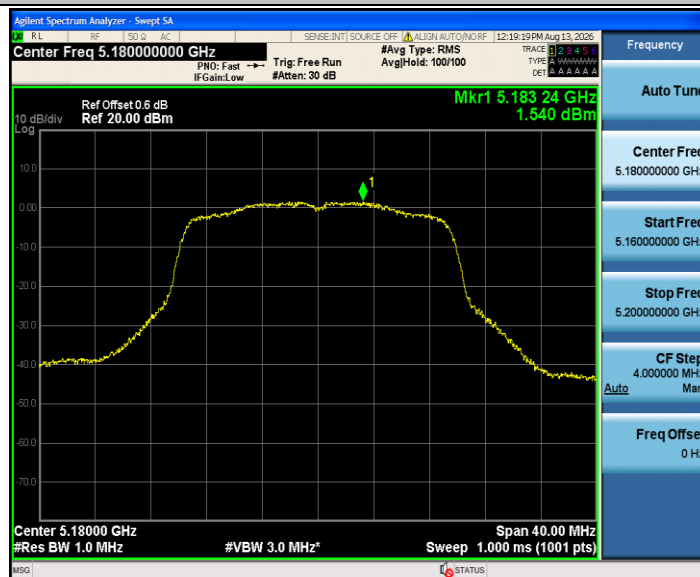
11AC80SISO_Ant1_5210



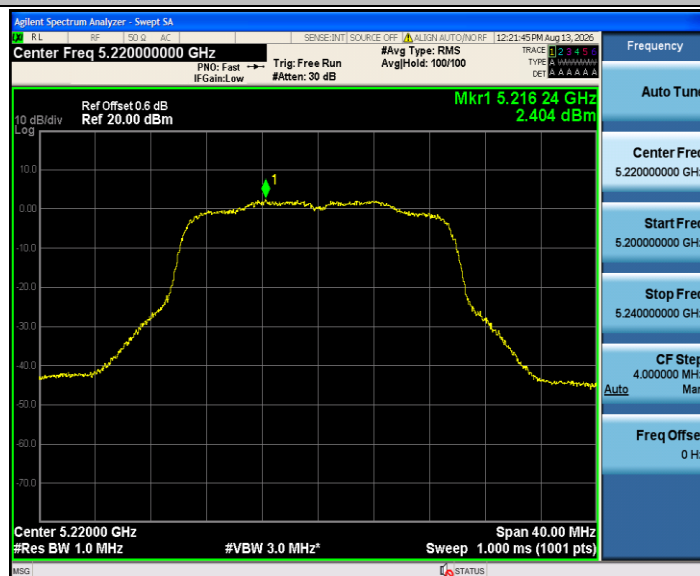
11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5180



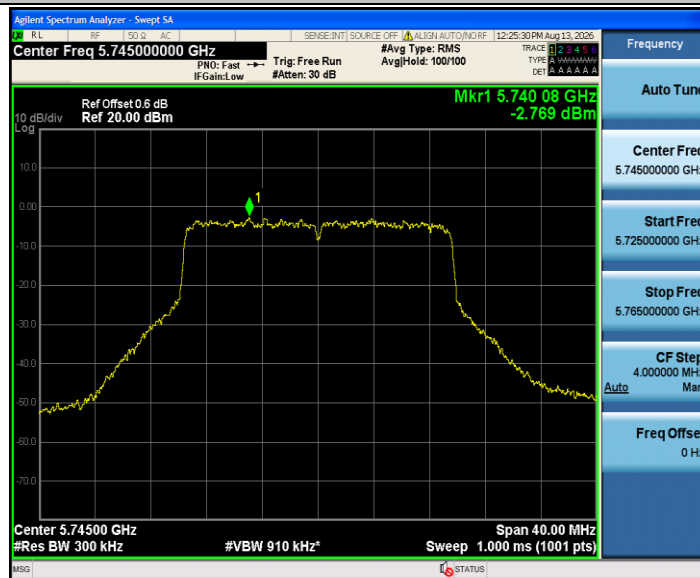
11AX20SISO_Ant1_5220



11AX20SISO_Ant1_5240



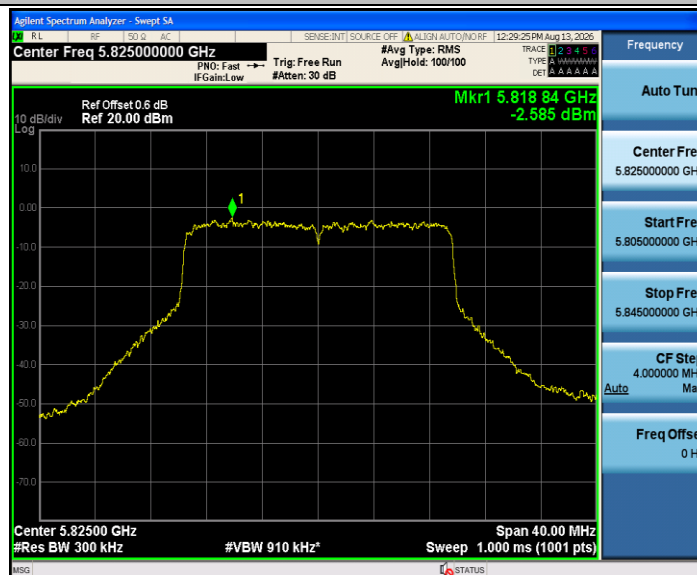
11AX20SISO_Ant1_5745



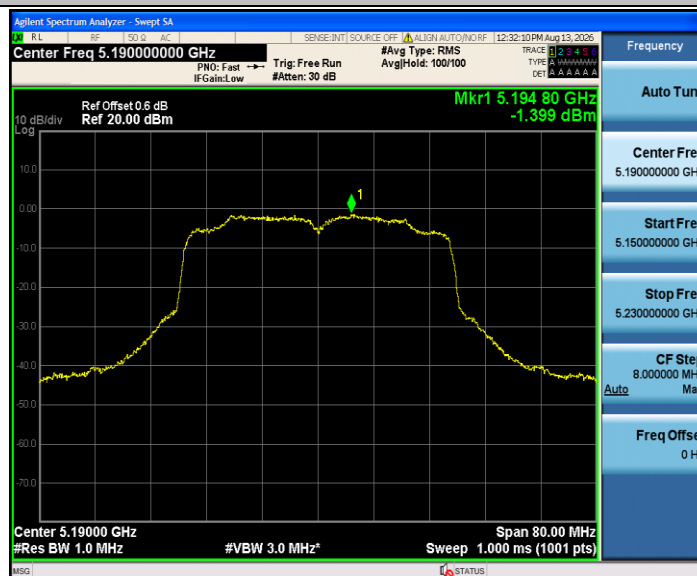
11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5190



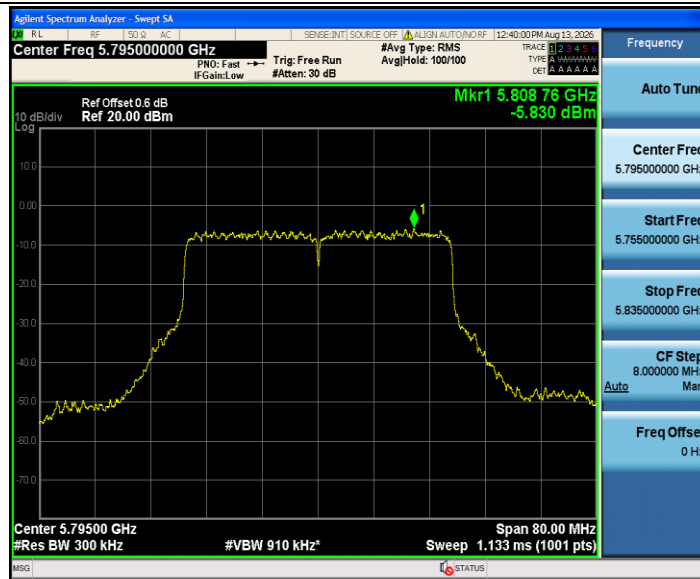
11AX40SISO_Ant1_5230



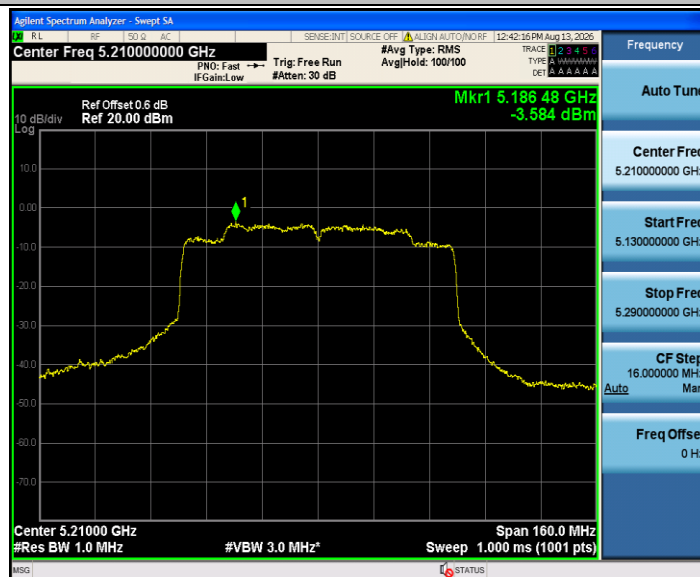
11AX40SISO_Ant1_5755



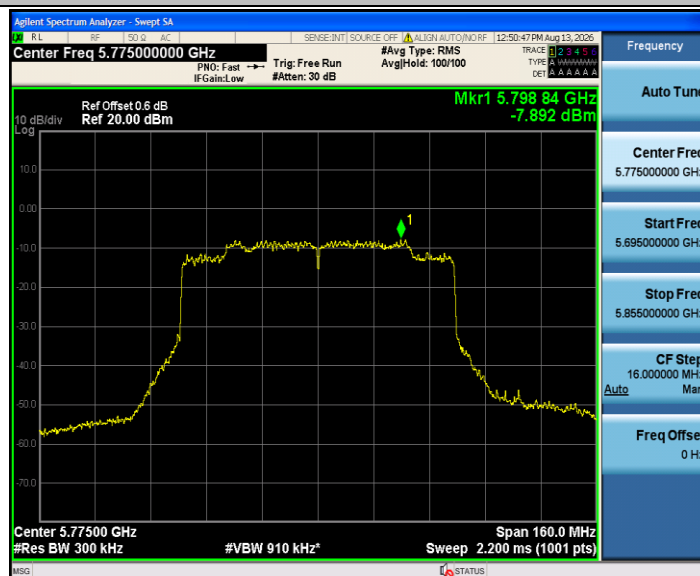
11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5210



11AX80SISO_Ant1_5775



Appendix E: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-34.68	≤-27	PASS
		High	5240	-47.42	≤-27	PASS
11N20SISO	Ant1	Low	5180	-34.94	≤-27	PASS
		High	5240	-46.55	≤-27	PASS
11N40SISO	Ant1	Low	5190	-31.48	≤-27	PASS
		High	5230	-48.8	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-34.46	≤-27	PASS
		High	5240	-47.29	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-32.53	≤-27	PASS
		High	5230	-48.13	≤-27	PASS
11AC80SISO	Ant1	Low	5210	-28.35	≤-27	PASS
		High	5210	-41.47	≤-27	PASS
11AX20SISO	Ant1	Low	5180	-35.06	≤-27	PASS
		High	5240	-47.11	≤-27	PASS
11AX40SISO	Ant1	Low	5190	-33.28	≤-27	PASS
		High	5230	-47.48	≤-27	PASS
11AX80SISO	Ant1	Low	5210	-29.03	≤-27	PASS
		High	5210	-40.19	≤-27	PASS

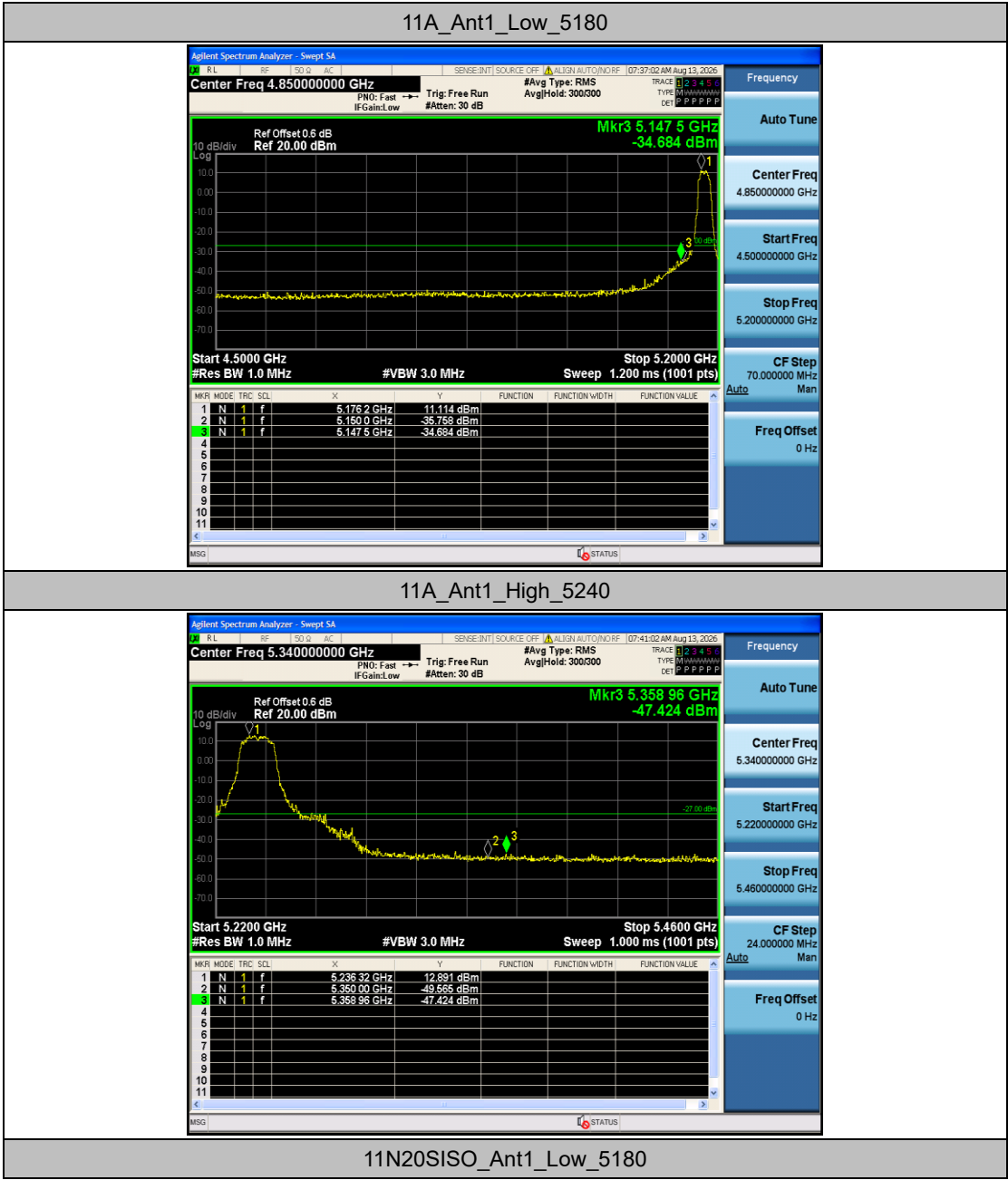
Test Result B4

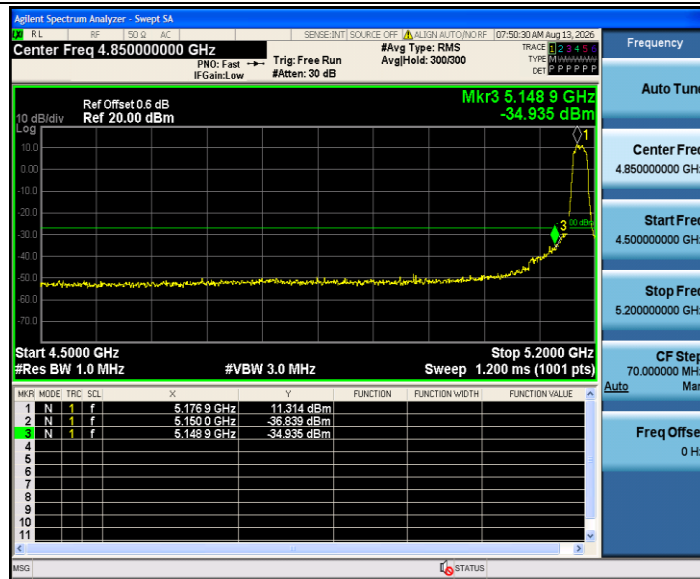
TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5645~5650	-46.18	≤-27	PASS
				5650~5700	-46.42	≤-26.62	PASS
				5700~5720	-35.35	≤10.18	PASS
				5720~5725	-32.36	≤15.82	PASS
		High	5825	5850~5855	-39.12	≤15.73	PASS
				5855~5875	-39.82	≤14.52	PASS
				5875~5925	-49.3	≤-26.91	PASS
				5925~5935	-48.08	≤-27	PASS
11N20SISO	Ant1	Low	5745	5645~5650	-46	≤-27	PASS
				5650~5700	-46.21	≤-26.36	PASS
				5700~5720	-34.72	≤15.37	PASS
				5720~5725	-35.55	≤17.65	PASS
		High	5825	5850~5855	-40.92	≤15.73	PASS
				5855~5875	-40.05	≤15.24	PASS

				5875~5925	-49.77	≤-26.91	PASS
				5925~5935	-48.52	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5645~5650	-43.68	≤-27	PASS
				5650~5700	-44.41	≤-26.70	PASS
				5700~5720	-36.89	≤10.85	PASS
				5720~5725	-33.98	≤16.35	PASS
		High	5795	5850~5855	-43.87	≤16.79	PASS
				5855~5875	-44.92	≤10.66	PASS
				5875~5925	-47.97	≤-26.10	PASS
				5925~5935	-48.2	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5645~5650	-46.09	≤-27	PASS
				5650~5700	-46.32	≤-26.70	PASS
				5700~5720	-42	≤10.93	PASS
				5720~5725	-40.39	≤16.34	PASS
		High	5825	5850~5855	-32.96	≤25.27	PASS
				5855~5875	-47.95	≤10.06	PASS
				5875~5925	-50.41	≤-26.61	PASS
				5925~5935	-48.15	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5645~5650	-44.72	≤-27	PASS
				5650~5700	-45.46	≤-26.80	PASS
				5700~5720	-33.59	≤15.05	PASS
				5720~5725	-35.62	≤16.04	PASS
		High	5795	5850~5855	-46.69	≤15.66	PASS
				5855~5875	-46.74	≤10.71	PASS
				5875~5925	-48.62	≤-26.83	PASS
				5925~5935	-48.8	≤-27	PASS
11AC80S ISO	Ant1	Low	5775	5645~5650	-42.89	≤-27	PASS
				5650~5700	-43.52	≤-26.69	PASS
				5700~5720	-39.05	≤10.01	PASS
				5720~5725	-38.63	≤15.65	PASS
		High	5775	5850~5855	-36.7	≤16.26	PASS
				5855~5875	-39.2	≤12.26	PASS
				5875~5925	-46.87	≤-26.60	PASS
				5925~5935	-46.88	≤-27	PASS
11AX20S ISO	Ant1	Low	5745	5645~5650	-45.55	≤-27	PASS
				5650~5700	-45.59	≤-26.53	PASS
				5700~5720	-40.34	≤11.15	PASS
				5720~5725	-40.14	≤16.08	PASS
		High	5825	5850~5855	-35.16	≤24.04	PASS
				5855~5875	-48.19	≤10.36	PASS
				5875~5925	-49.08	≤-26.61	PASS
				5925~5935	-48.23	≤-27	PASS
11AX40S	Ant1	Low	5755	5645~5650	-42.4	≤-27	PASS

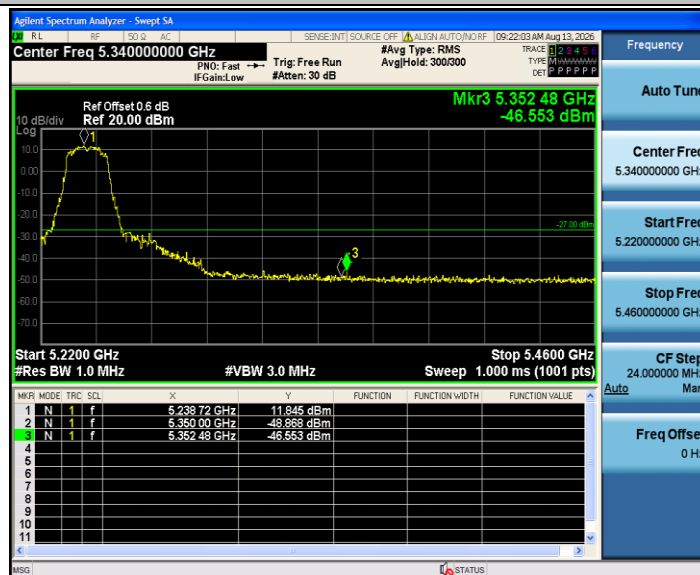
ISO				5650~5700	-44.75	≤ -26.40	PASS
				5700~5720	-35.88	≤ 12.67	PASS
				5720~5725	-34.69	≤ 16.97	PASS
		High	5795	5850~5855	-44.48	≤ 17.54	PASS
				5855~5875	-47.42	≤ 10.02	PASS
				5875~5925	-48.27	≤ -25.98	PASS
				5925~5935	-48.64	≤ -27	PASS
11AX80S ISO	Ant1	Low	5775	5645~5650	-40.67	≤ -27	PASS
				5650~5700	-42.32	≤ -26.80	PASS
				5700~5720	-35.52	≤ 13.87	PASS
				5720~5725	-37.23	≤ 16.00	PASS
		High	5775	5850~5855	-36.66	≤ 15.84	PASS
				5855~5875	-35.51	≤ 15.22	PASS
				5875~5925	-46.58	≤ -26.32	PASS
				5925~5935	-46.08	≤ -27	PASS

Test Graphs B1

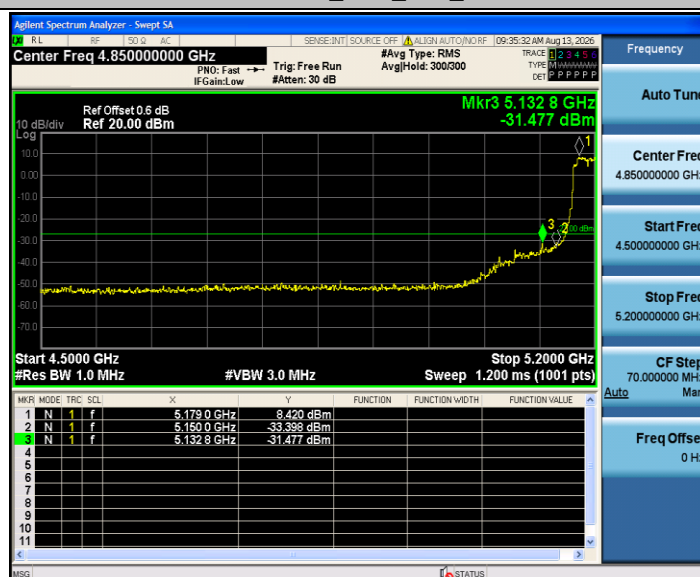




11N20SISO_Ant1_High_5240



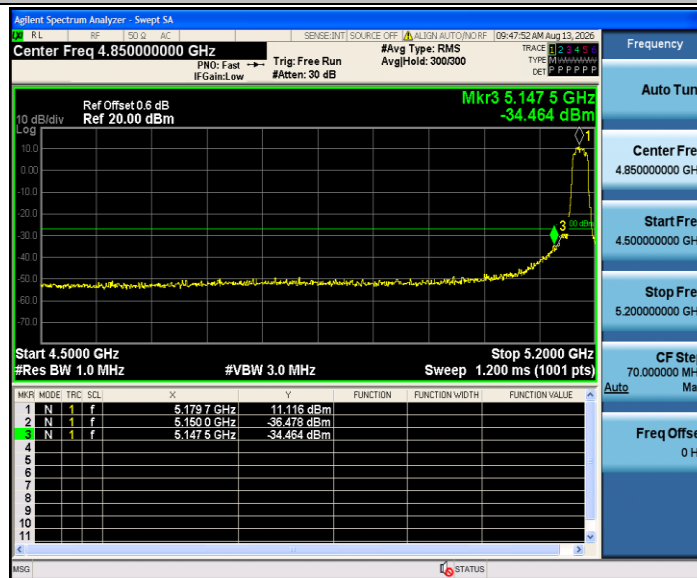
11N40SISO_Ant1_Low_5190



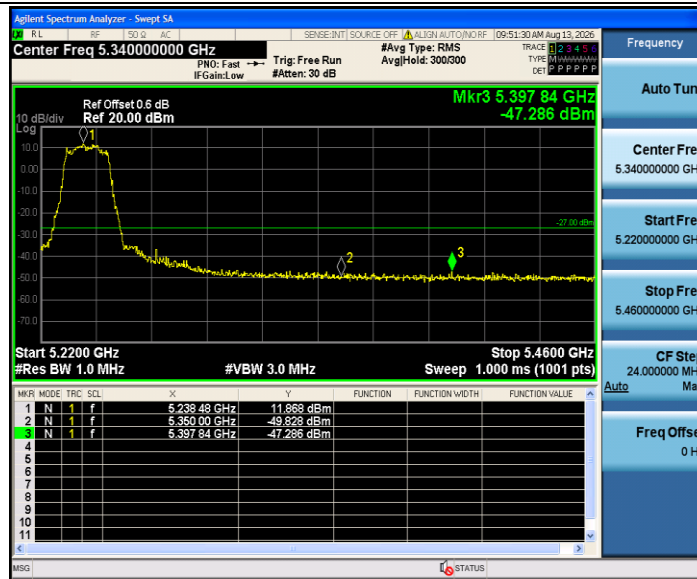
11N40SISO_Ant1_High_5230



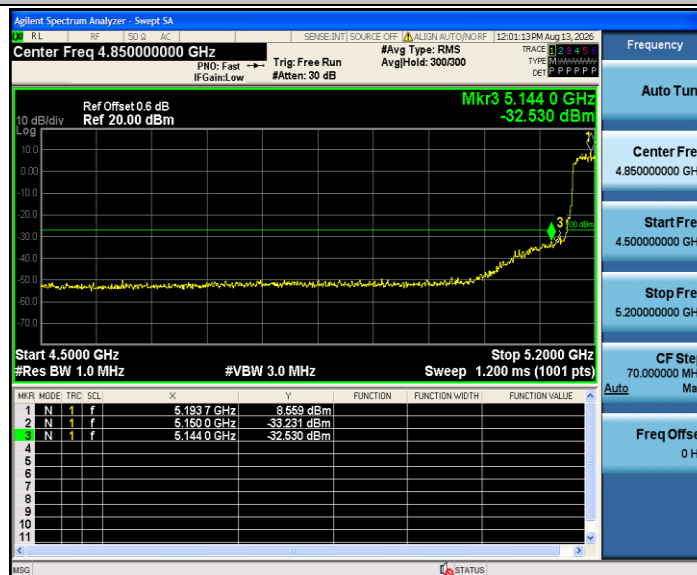
11AC20SISO_Ant1_Low_5180



11AC20SISO_Ant1_High_5240



11AC40SISO_Ant1_Low_5190



11AC40SISO_Ant1_High_5230

