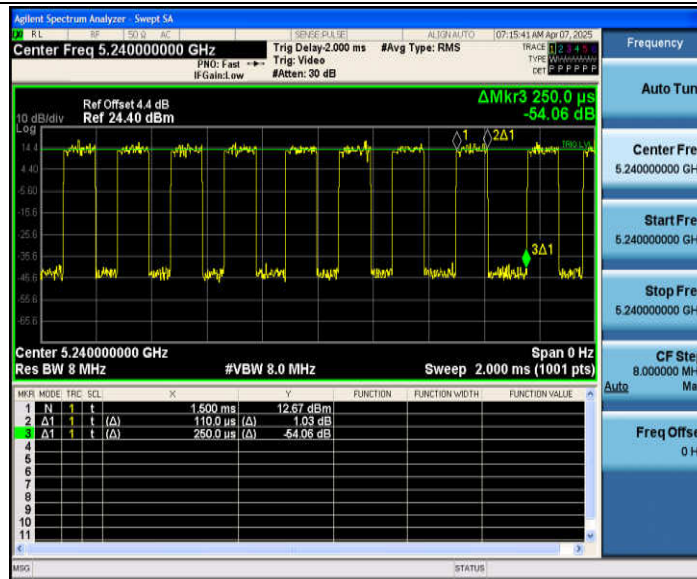
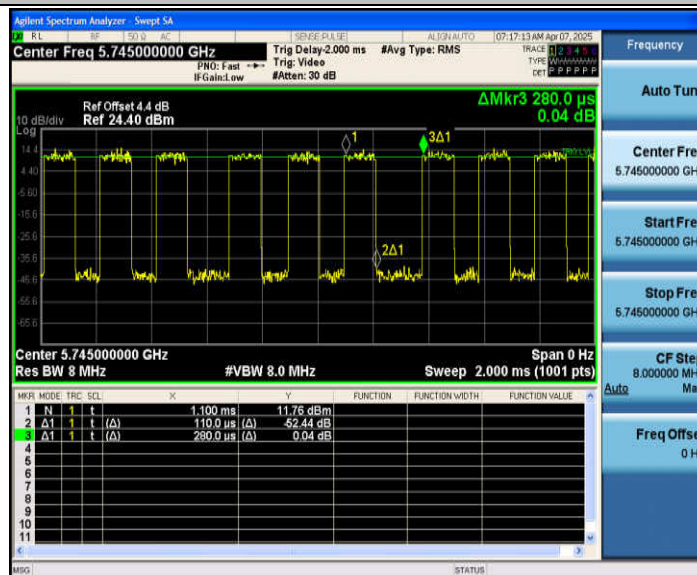
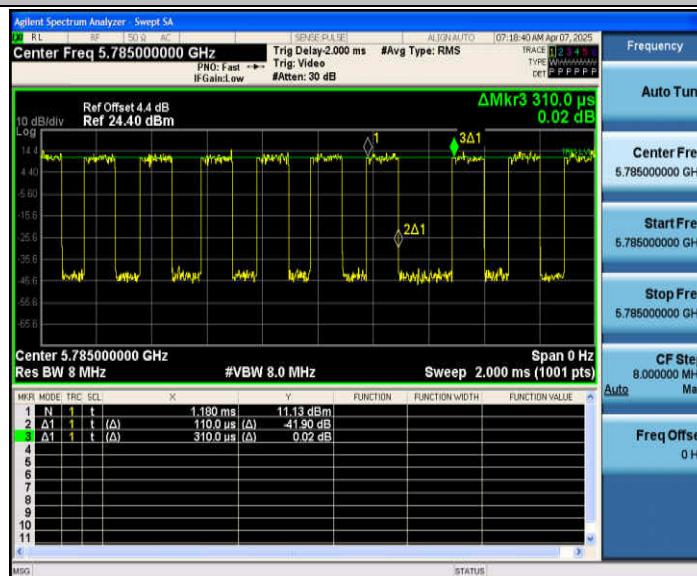




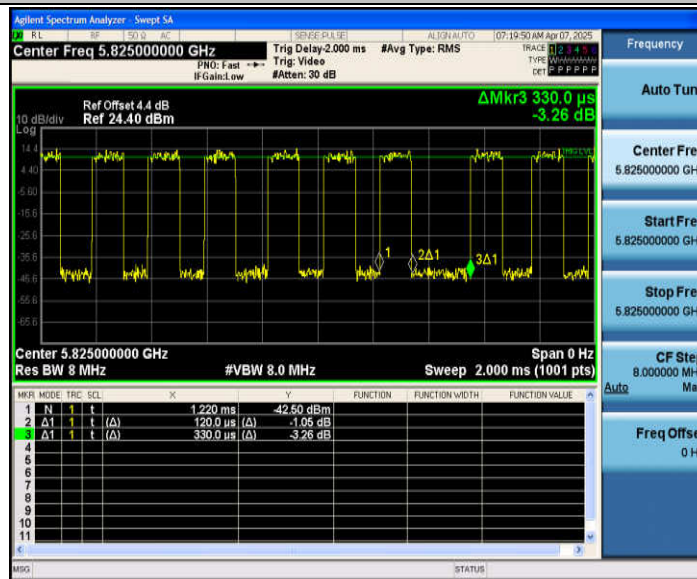
11A_Ant1_5745



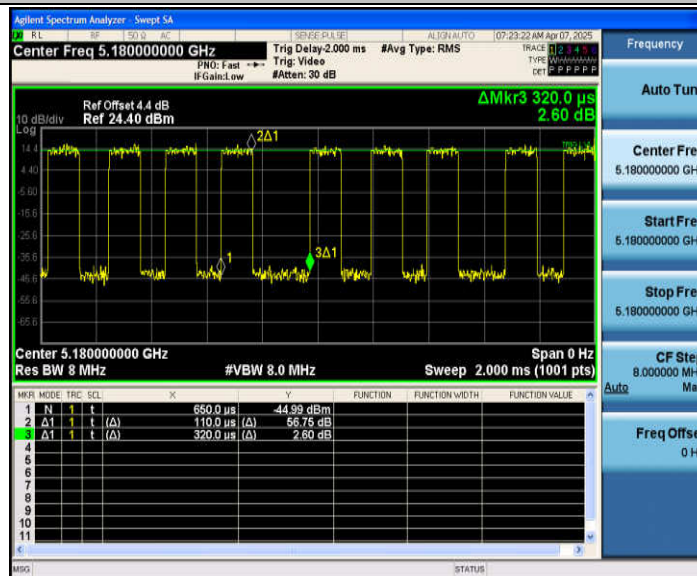
11A_Ant1_5785



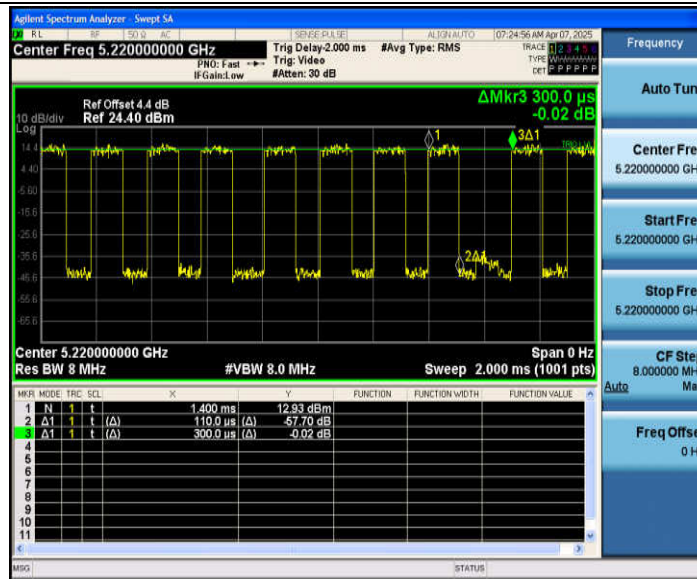
11A_Ant1_5825



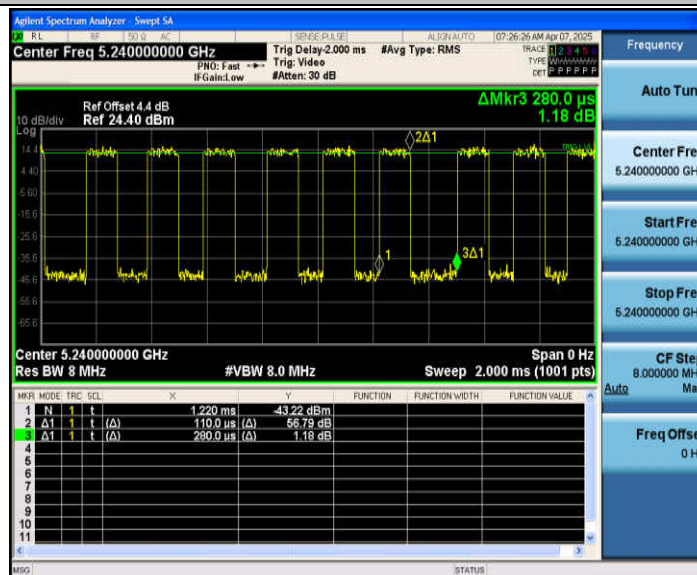
11N20SISO_Ant1_5180



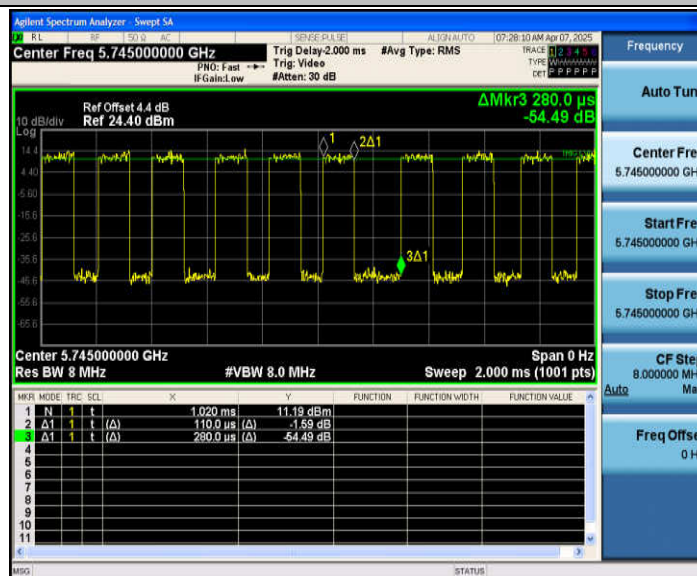
11N20SISO_Ant1_5220



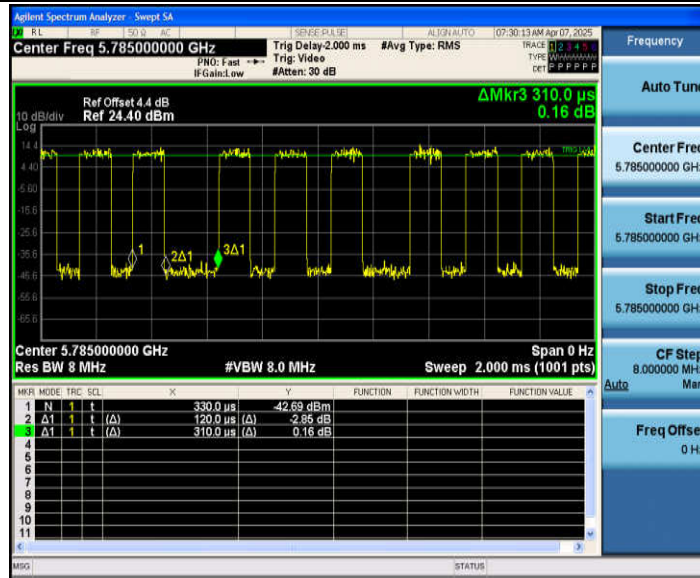
11N20SISO_Ant1_5240



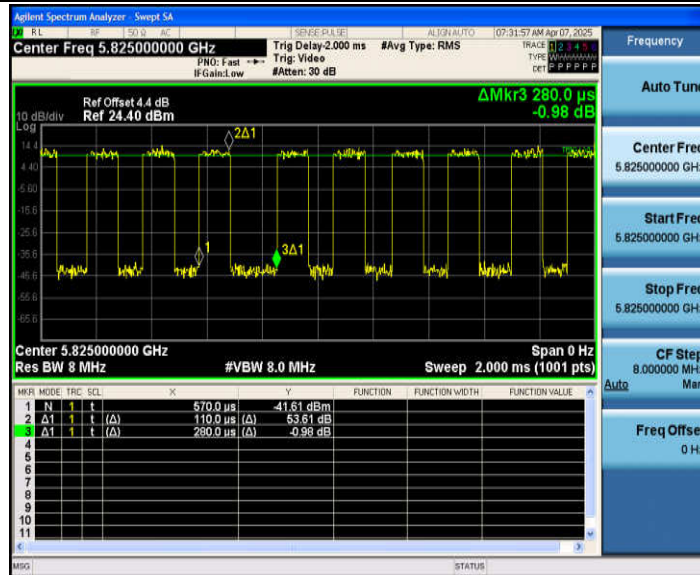
11N20SISO_Ant1_5745



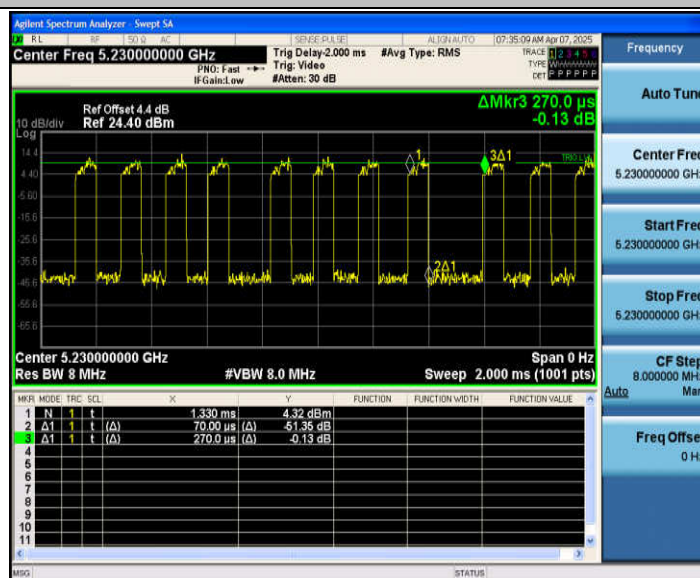
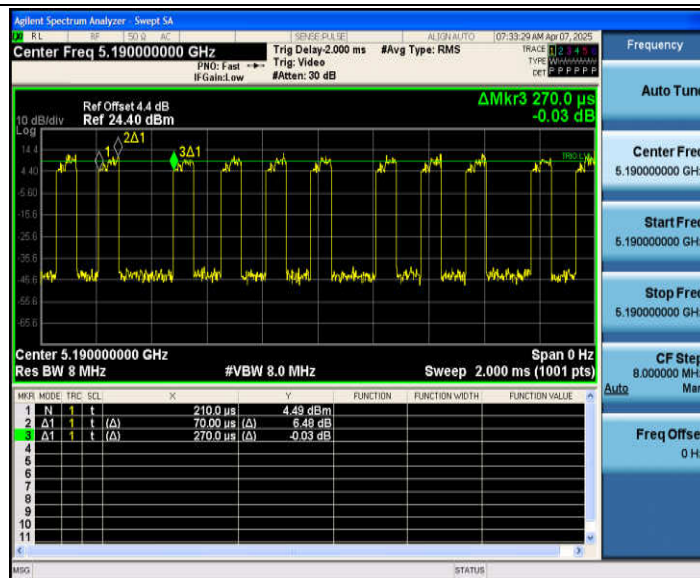
11N20SISO_Ant1_5785



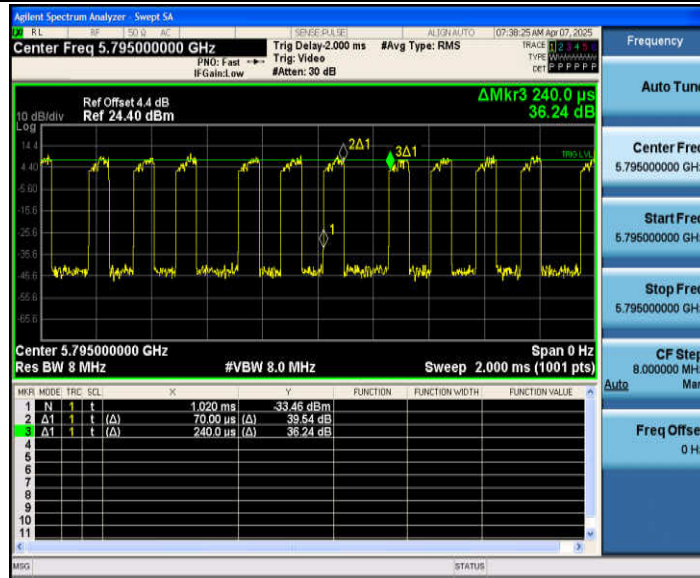
11N20SISO_Ant1_5825



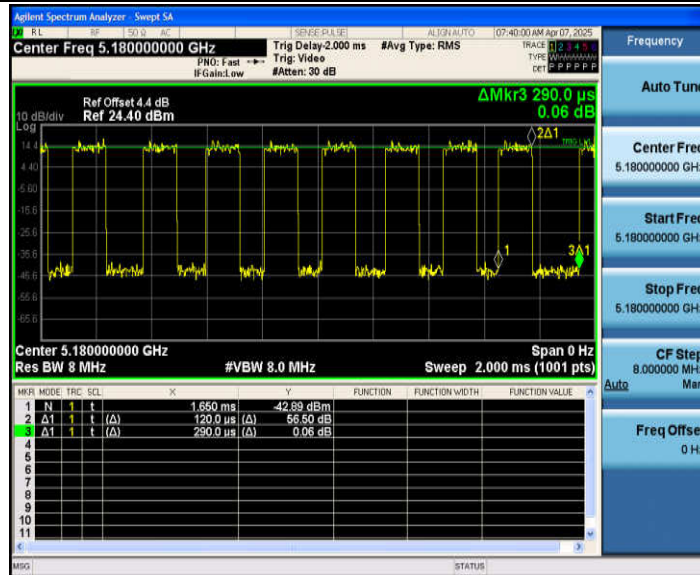
11N40SISO_Ant1_5190



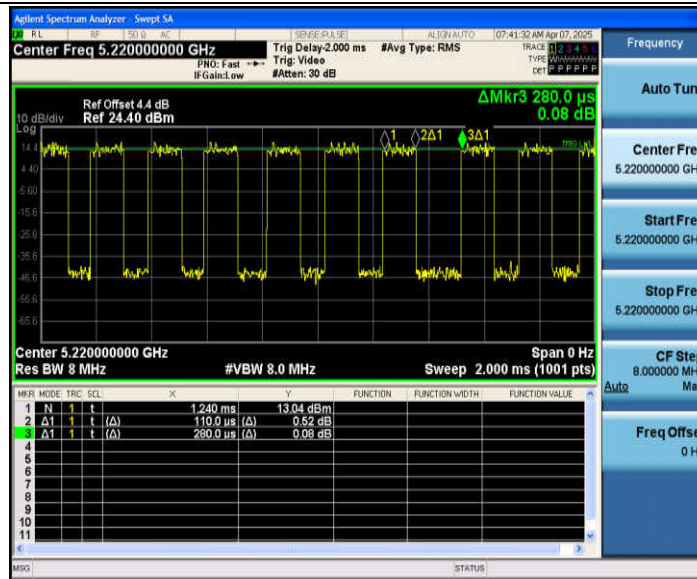
11N40SISO_Ant1_5795



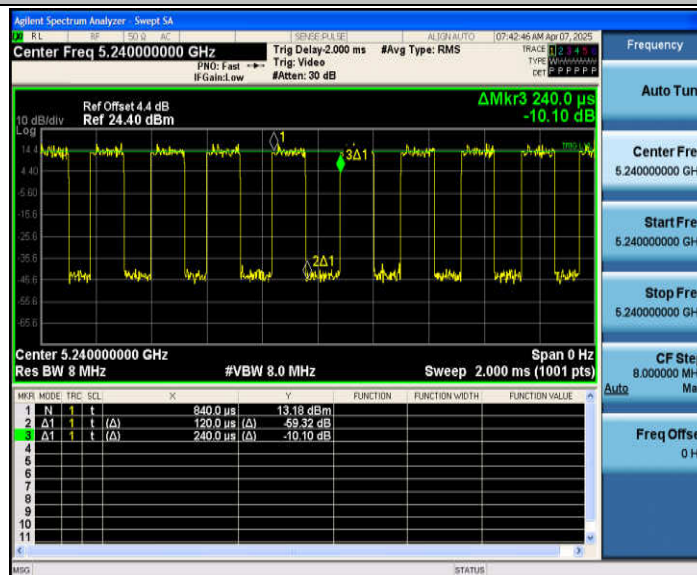
11AC20SISO_Ant1_5180



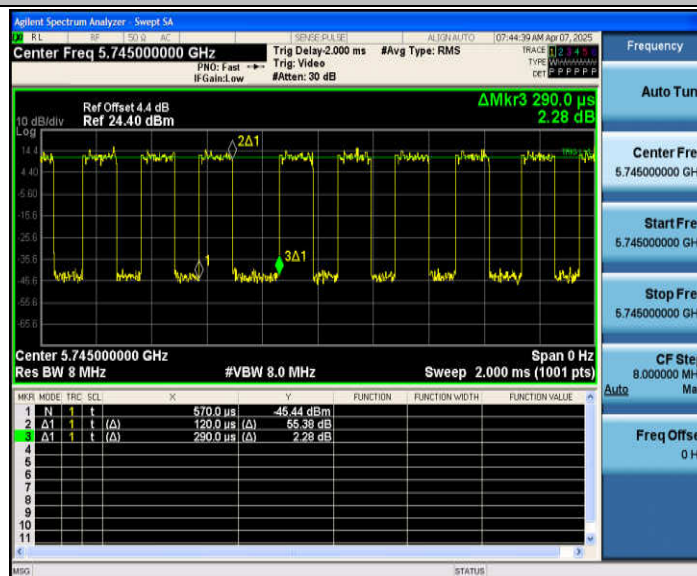
11AC20SISO_Ant1_5220



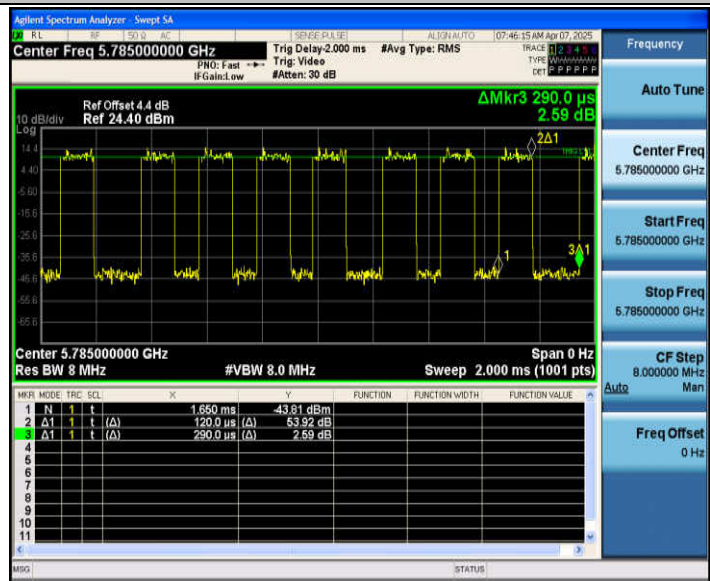
11AC20SISO_Ant1_5240



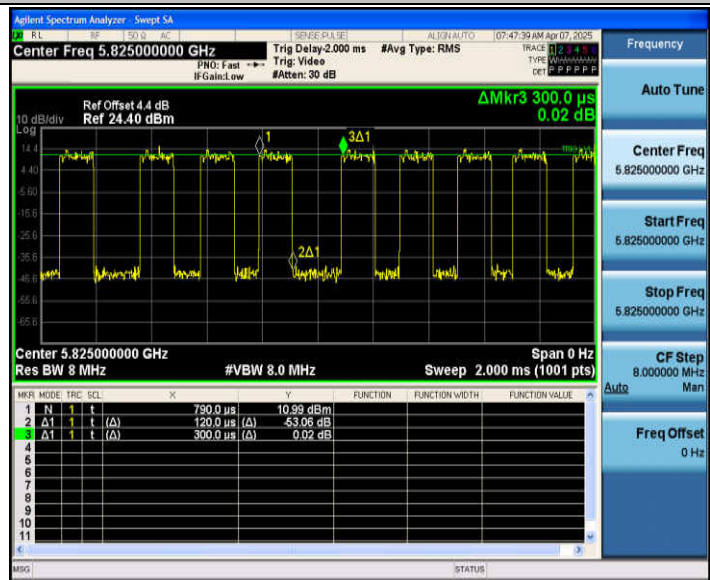
11AC20SISO_Ant1_5745



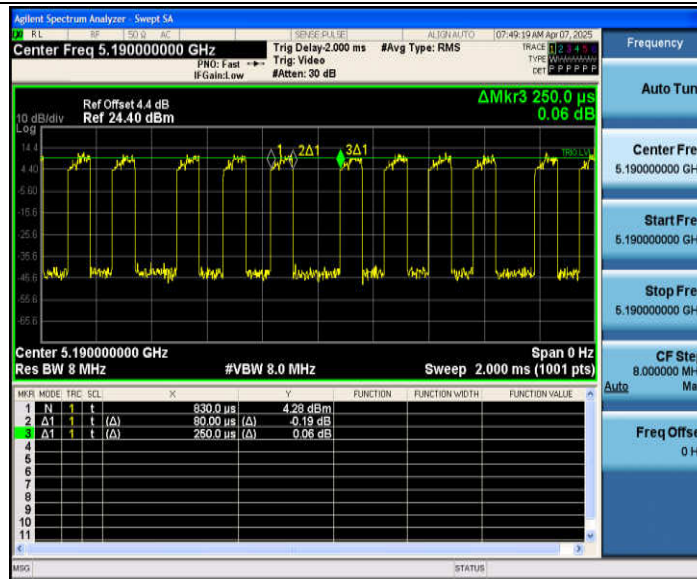
11AC20SISO_Ant1_5785



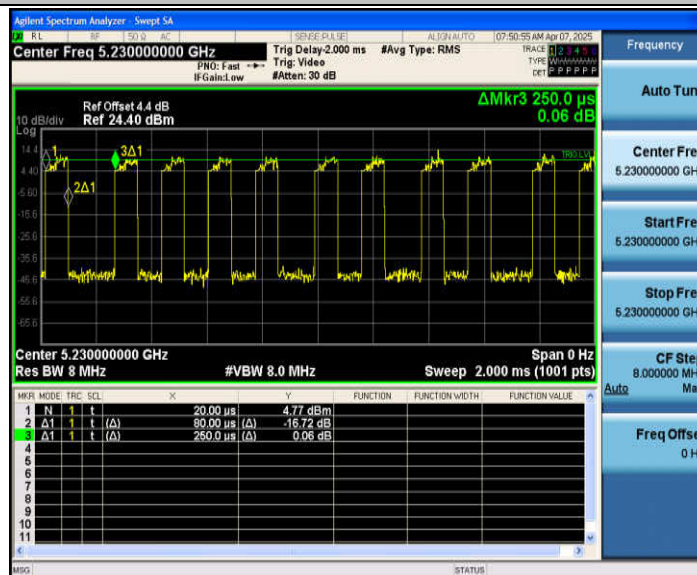
11AC20SISO_Ant1_5825



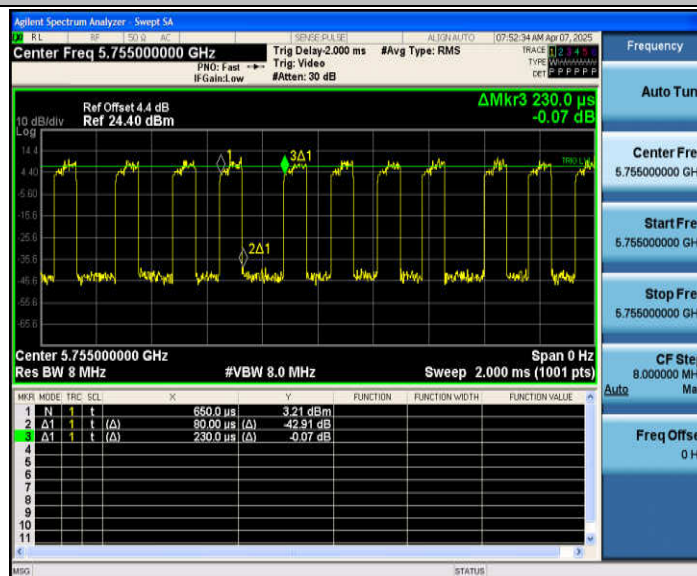
11AC40SISO_Ant1_5190



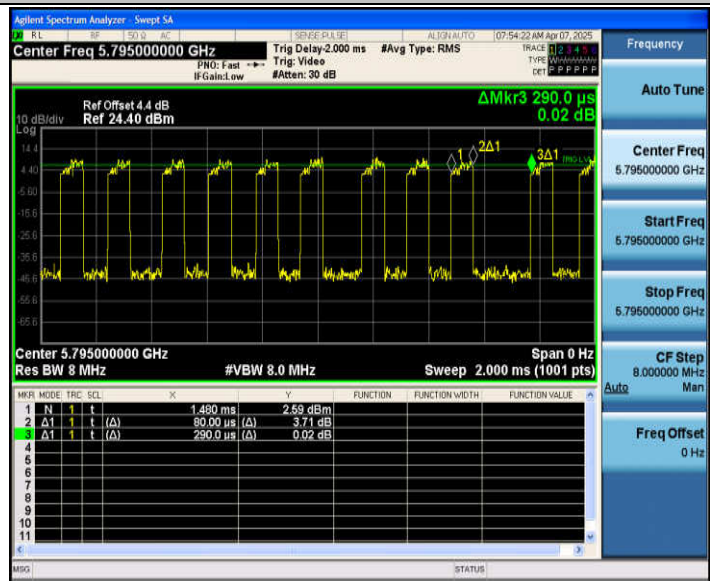
11AC40ISO_Ant1_5230



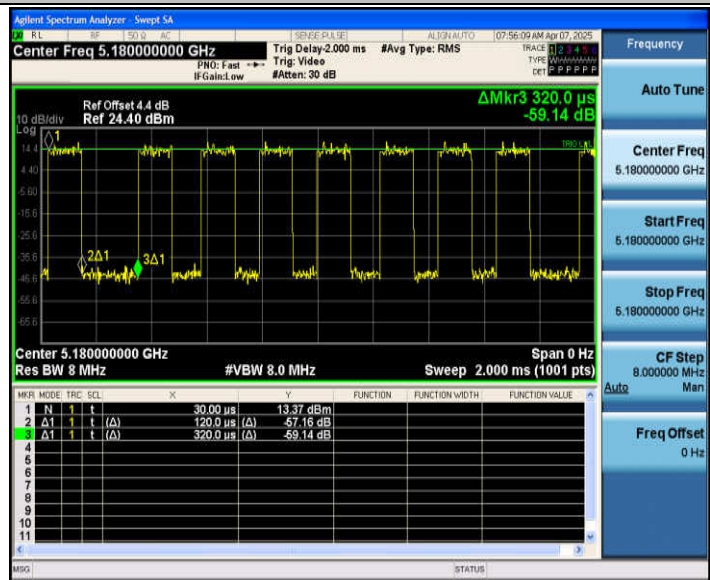
11AC40ISO_Ant1_5755



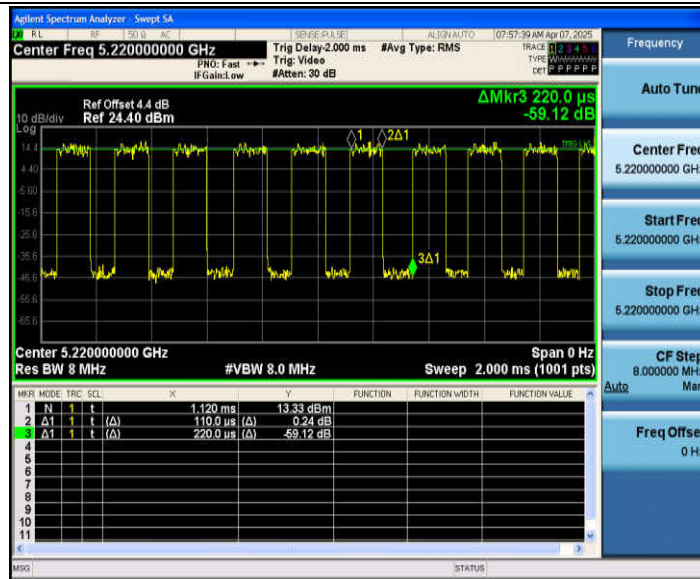
11AC40SISO_Ant1_5795



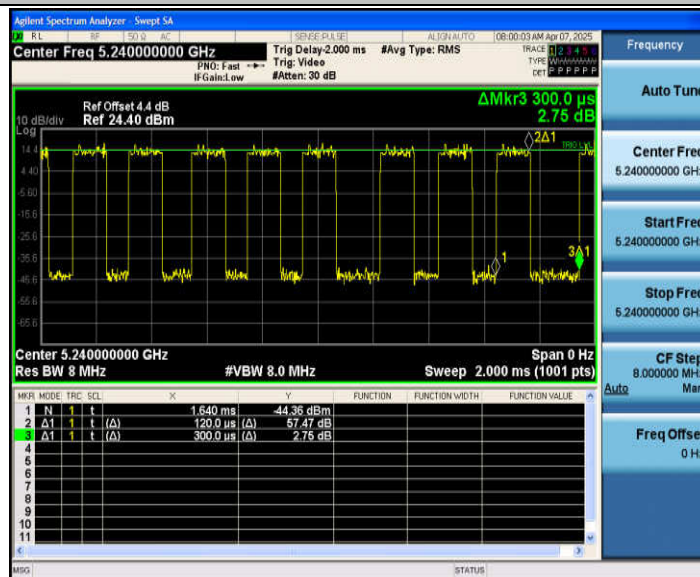
11AX20SISO_Ant1_5180



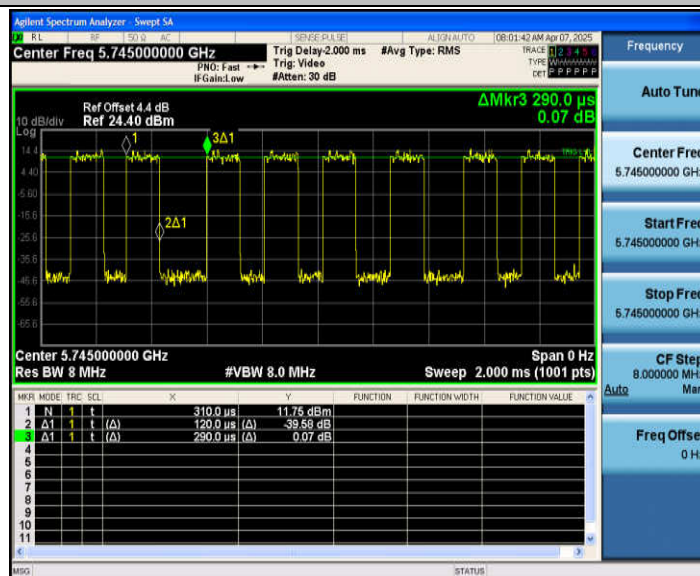
11AX20SISO_Ant1_5220



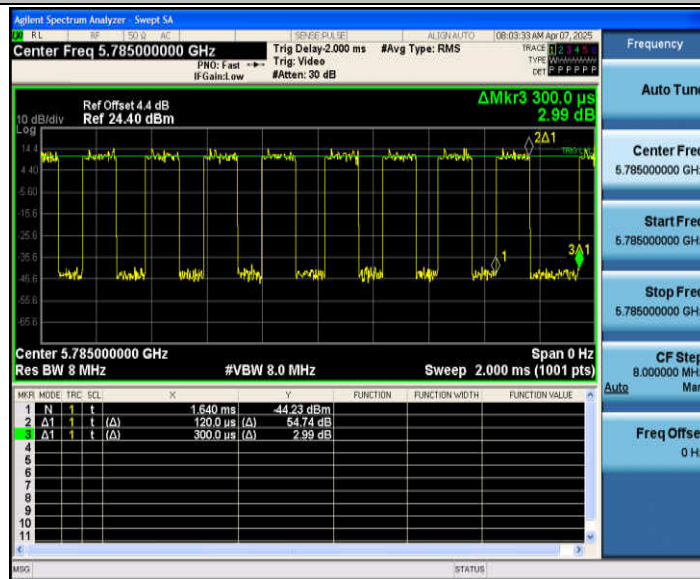
11AX20SISO_Ant1_5240



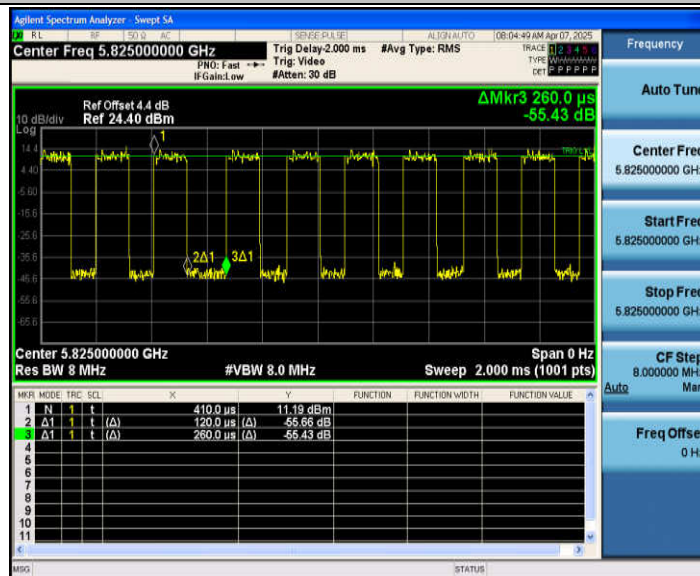
11AX20SISO_Ant1_5745



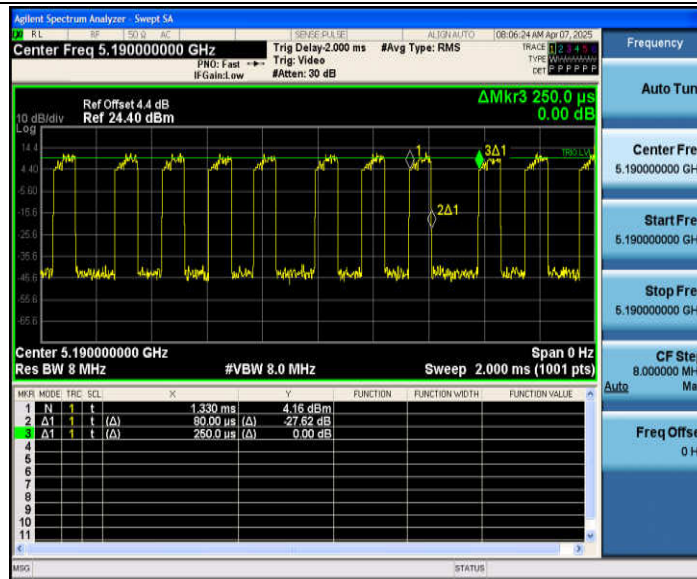
11AX20SISO_Ant1_5785

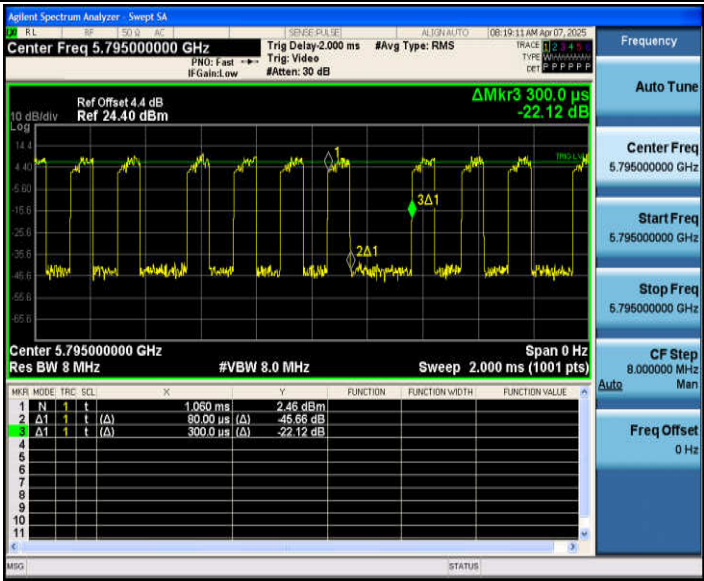


11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5190





Appendix C: Maximum conducted output power

Test Mode	Antenna	Freq(MHz)	Conducted Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	8.65	36.67	4.36	13.01	≤23.98	PASS
		5220	8.68	46.15	3.36	12.04	≤23.98	PASS
		5240	8.75	44.00	3.57	12.32	≤23.98	PASS
		5745	6.77	39.29	4.06	10.83	≤30.00	PASS
		5785	6.13	35.48	4.50	10.63	≤30.00	PASS
		5825	6.09	36.36	4.39	10.48	≤30.00	PASS
11N20SISO	Ant1	5180	8.70	34.38	4.64	13.34	≤23.98	PASS
		5220	8.67	36.67	4.36	13.03	≤23.98	PASS
		5240	8.70	39.29	4.06	12.76	≤23.98	PASS
		5745	6.78	39.29	4.06	10.84	≤30.00	PASS
		5785	6.18	38.71	4.12	10.30	≤30.00	PASS
		5825	6.08	39.29	4.06	10.14	≤30.00	PASS
11N40SISO	Ant1	5190	7.04	25.93	5.86	12.90	≤23.98	PASS
		5230	6.97	25.93	5.86	12.83	≤23.98	PASS
		5755	5.06	31.82	4.97	10.03	≤30.00	PASS
		5795	4.49	29.17	5.35	9.84	≤30.00	PASS
11AC20SISO	Ant1	5180	8.92	41.38	3.83	12.75	≤23.98	PASS
		5220	8.81	39.29	4.06	12.87	≤23.98	PASS
		5240	8.86	50.00	3.01	11.87	≤23.98	PASS
		5745	6.98	41.38	3.83	10.81	≤30.00	PASS
		5785	6.27	41.38	3.83	10.10	≤30.00	PASS
		5825	6.29	40.00	3.98	10.27	≤30.00	PASS
11AC40SISO	Ant1	5190	7.20	32.00	4.95	12.15	≤23.98	PASS
		5230	7.19	32.00	4.95	12.14	≤23.98	PASS
		5755	5.21	34.78	4.59	9.80	≤30.00	PASS
		5795	4.70	27.59	5.59	10.29	≤30.00	PASS
11AX20SISO	Ant1	5180	8.88	37.50	4.26	13.14	≤23.98	PASS
		5220	8.88	50.00	3.01	11.89	≤23.98	PASS
		5240	8.87	40.00	3.98	12.85	≤23.98	PASS
		5745	7.02	41.38	3.83	10.85	≤30.00	PASS
		5785	6.39	40.00	3.98	10.37	≤30.00	PASS
		5825	6.28	46.15	3.36	9.64	≤30.00	PASS
11AX40SISO	Ant1	5190	7.27	32.00	4.95	12.22	≤23.98	PASS
		5230	7.28	32.00	4.95	12.23	≤23.98	PASS
		5755	5.34	26.67	5.74	11.08	≤30.00	PASS
		5795	4.80	26.67	5.74	10.54	≤30.00	PASS

Note: The Duty Cycle Factor is compensated in the graph.

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	2.56	≤11.00	PASS
		5220	1.51	≤11.00	PASS
		5240	1.78	≤11.00	PASS
		5745	-2.61	≤30.00	PASS
		5785	-1.87	≤30.00	PASS
		5825	-2.50	≤30.00	PASS
11N20SISO	Ant1	5180	2.66	≤11.00	PASS
		5220	2.05	≤11.00	PASS
		5240	1.82	≤11.00	PASS
		5745	-2.17	≤30.00	PASS
		5785	-2.78	≤30.00	PASS
		5825	-2.74	≤30.00	PASS
11N40SISO	Ant1	5190	-0.06	≤11.00	PASS
		5230	-0.85	≤11.00	PASS
		5755	-4.43	≤30.00	PASS
		5795	-5.10	≤30.00	PASS
11AC20SISO	Ant1	5180	1.99	≤11.00	PASS
		5220	2.11	≤11.00	PASS
		5240	1.43	≤11.00	PASS
		5745	-2.25	≤30.00	PASS
		5785	-3.10	≤30.00	PASS
		5825	-2.64	≤30.00	PASS
11AC40SISO	Ant1	5190	-1.23	≤11.00	PASS
		5230	-1.52	≤11.00	PASS
		5755	-5.32	≤30.00	PASS
		5795	-4.85	≤30.00	PASS
11AX20SISO	Ant1	5180	2.54	≤11.00	PASS
		5220	0.65	≤11.00	PASS
		5240	1.72	≤11.00	PASS
		5745	-2.28	≤30.00	PASS
		5785	-2.61	≤30.00	PASS
		5825	-3.10	≤30.00	PASS
11AX40SISO	Ant1	5190	-0.86	≤11.00	PASS
		5230	-0.88	≤11.00	PASS
		5755	-4.31	≤30.00	PASS
		5795	-4.49	≤30.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

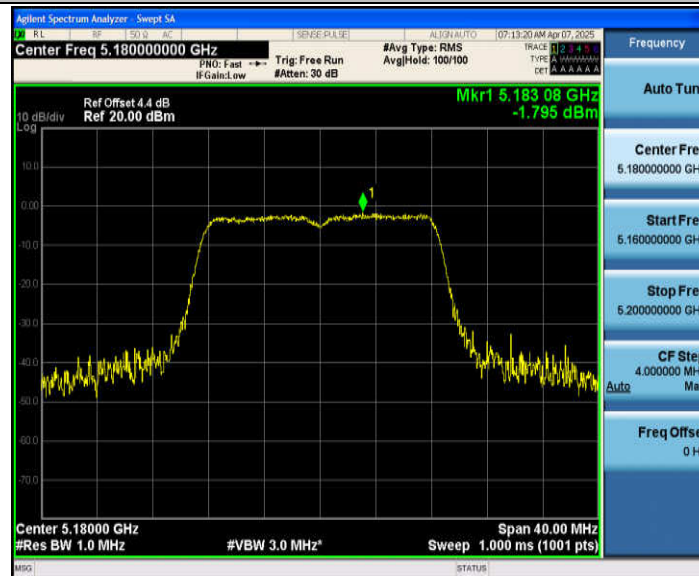
P.S.D(dBm/500KHz)= P.S.D(dBm/300KHz)+10 log (500 kHz/300KHz).

2. RBW factor = $10 \log (500 \text{ KHz} / 300 \text{ KHz}) = 2.22 \text{ dB}$

3. The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

11A_Ant1_5180



11A_Ant1_5220



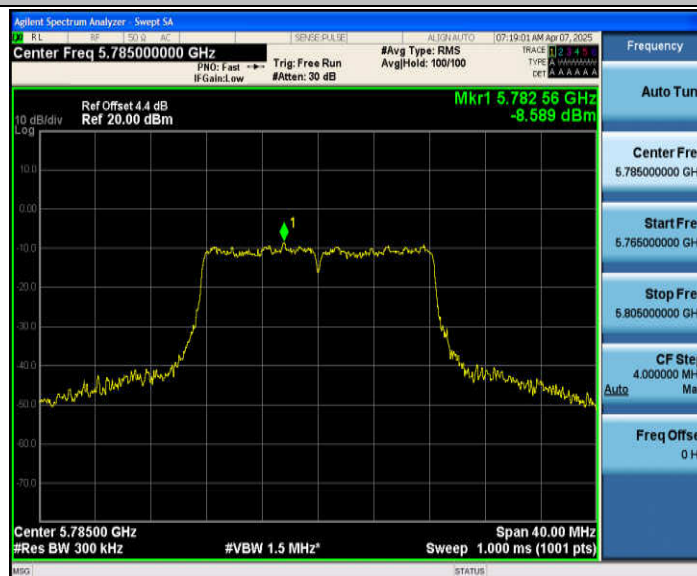
11A_Ant1_5240



11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



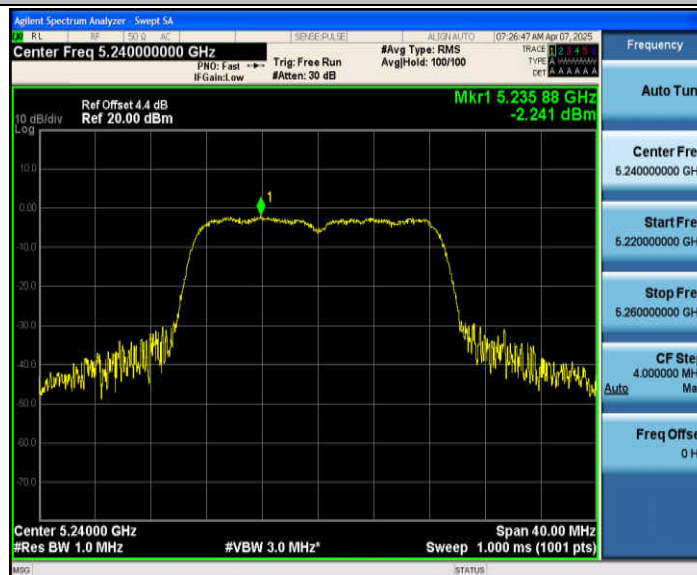
11N20SISO_Ant1_5180



11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



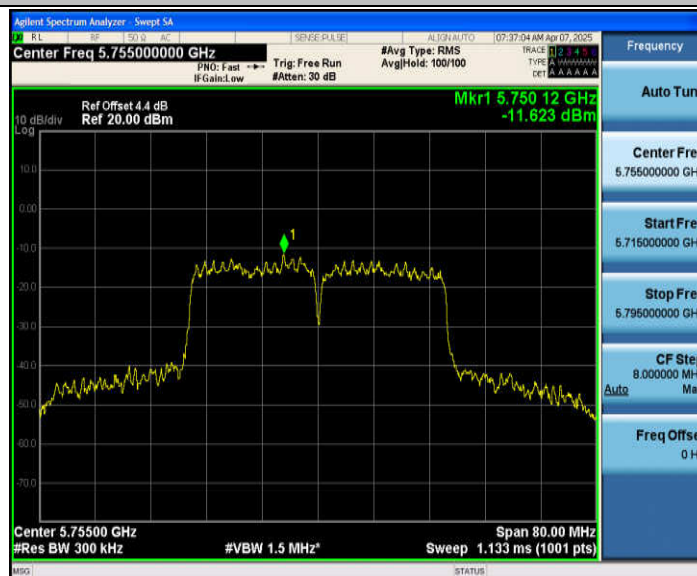
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



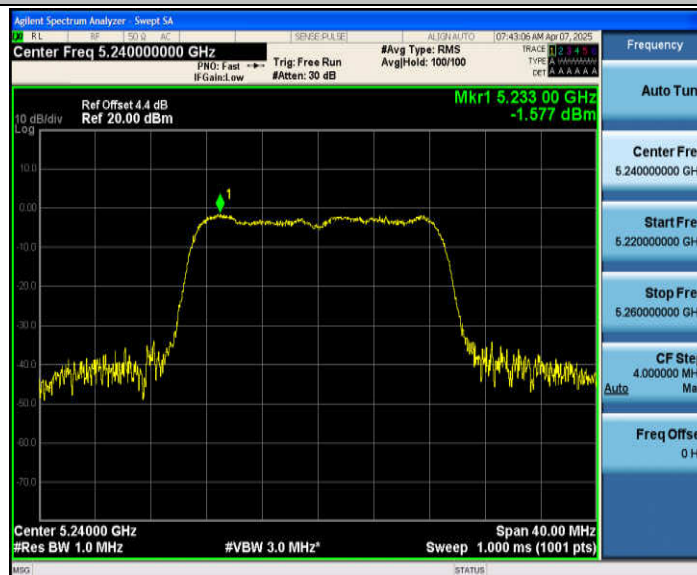
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



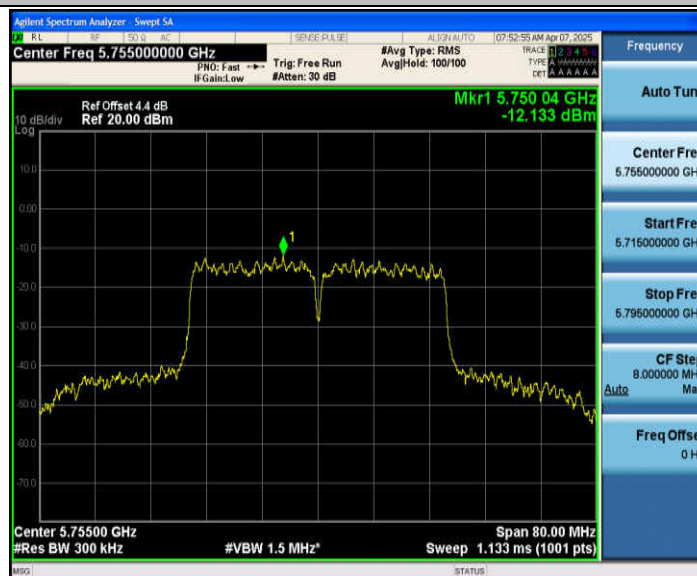
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



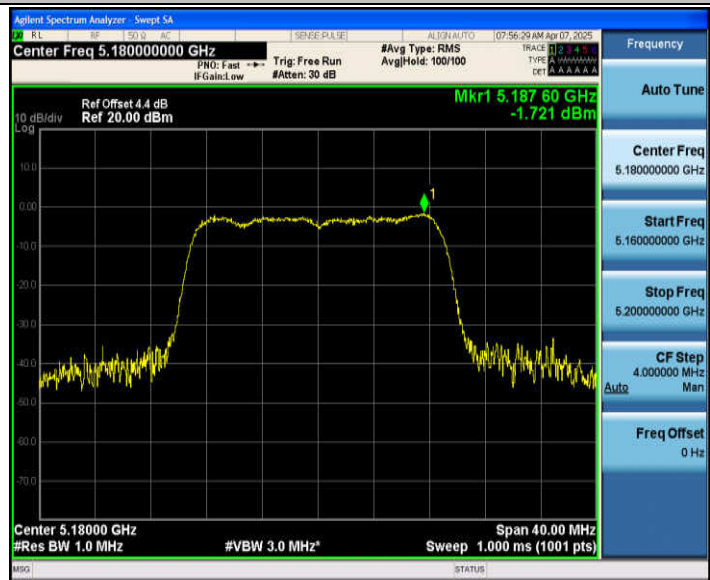
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



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_5230



11AX40SISO_Ant1_5795



Appendix E: Band edge measurements

Test Result B1

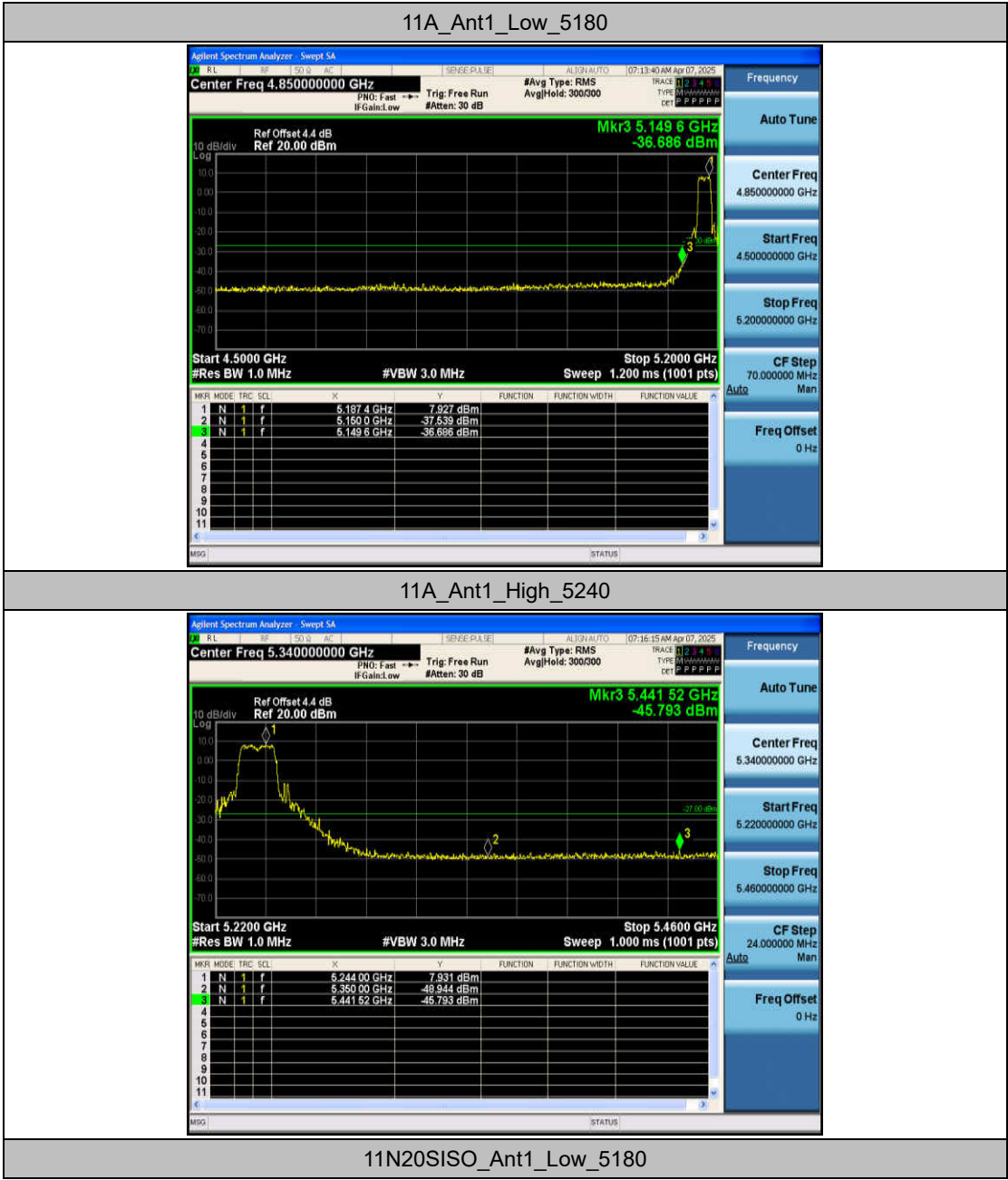
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-36.69	≤-27	PASS
		High	5240	-45.79	≤-27	PASS
11N20SISO	Ant1	Low	5180	-35.86	≤-27	PASS
		High	5240	-45.41	≤-27	PASS
11N40SISO	Ant1	Low	5190	-35.57	≤-27	PASS
		High	5230	-46.25	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-36.92	≤-27	PASS
		High	5240	-46.39	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-35.92	≤-27	PASS
		High	5230	-46.06	≤-27	PASS
11AX20SISO	Ant1	Low	5180	-38.39	≤-27	PASS
		High	5240	-46.26	≤-27	PASS
11AX40SISO	Ant1	Low	5190	-35.56	≤-27	PASS
		High	5230	-46.37	≤-27	PASS

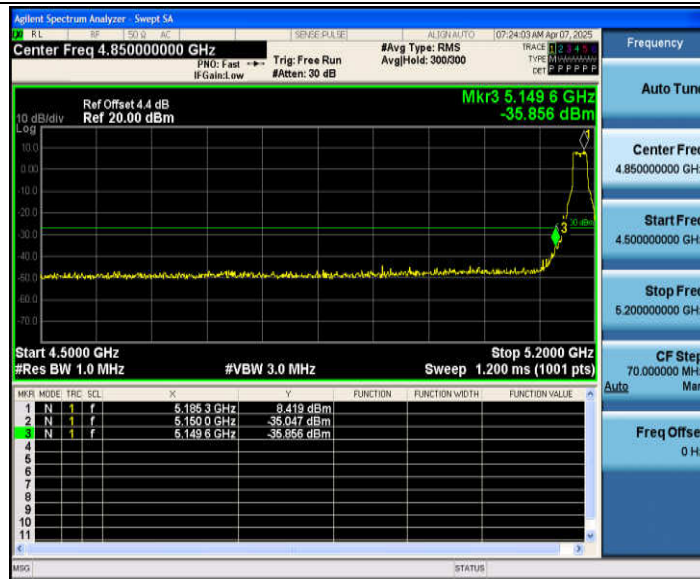
Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-48.31	≤-26.87	PASS
				5700~5720	-36.37	≤15.11	PASS
				5720~5725	-22.89	≤26.57	PASS
				5760~5650	-46.83	≤-27	PASS
		High	5825	5850~5855	-35.62	≤19.42	PASS
				5855~5875	-39.24	≤15.43	PASS
				5875~5925	-47.34	≤-26.91	PASS
				5925~5935	-45.96	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-45.96	≤-25.42	PASS
				5700~5720	-35.24	≤15.56	PASS
				5720~5725	-24.55	≤19.49	PASS
				5760~5650	-47.4	≤-27	PASS
		High	5825	5850~5855	-35.21	≤19.11	PASS
				5855~5875	-37.76	≤14.94	PASS
				5875~5925	-46.6	≤-26.91	PASS
				5925~5935	-46.41	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-45.52	≤-26.00	PASS
				5700~5720	-24.86	≤14.22	PASS
				5720~5725	-24.74	≤15.74	PASS

		High	5795	5780~5650	-46.53	≤ -27	PASS
				5850~5855	-44.71	≤ 16.03	PASS
				5855~5875	-45.54	≤ 10.76	PASS
				5875~5925	-46.74	≤ -26.95	PASS
				5925~5935	-46.38	≤ -27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-47.46	≤ -26.70	PASS
				5700~5720	-36.26	≤ 15.27	PASS
				5720~5725	-26.08	≤ 17.91	PASS
				5760~5650	-46.88	≤ -27	PASS
		High	5825	5850~5855	-38.8	≤ 16.03	PASS
				5855~5875	-40.15	≤ 14.75	PASS
				5875~5925	-48.03	≤ -26.91	PASS
				5925~5935	-46.17	≤ -27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-46.97	≤ -25.90	PASS
				5700~5720	-26.82	≤ 14.41	PASS
				5720~5725	-25.55	≤ 17.89	PASS
				5780~5650	-47.6	≤ -27	PASS
		High	5795	5850~5855	-44.38	≤ 17.54	PASS
				5855~5875	-45.36	≤ 10.89	PASS
				5875~5925	-46.87	≤ -26.34	PASS
				5925~5935	-46.4	≤ -27	PASS
11AX20S ISO	Ant1	Low	5745	5650~5700	-48.22	≤ -26.87	PASS
				5700~5720	-33.48	≤ 15.59	PASS
				5720~5725	-25.81	≤ 20.27	PASS
				5760~5650	-47.34	≤ -27	PASS
		High	5825	5850~5855	-34.49	≤ 20.03	PASS
				5855~5875	-38.7	≤ 15.50	PASS
				5875~5925	-46.75	≤ -26.91	PASS
				5925~5935	-45.42	≤ -27	PASS
11AX40S ISO	Ant1	Low	5755	5650~5700	-47.61	≤ -26.80	PASS
				5700~5720	-26.33	≤ 15.28	PASS
				5720~5725	-23.43	≤ 18.81	PASS
				5780~5650	-46.97	≤ -27	PASS
		High	5795	5850~5855	-45.02	≤ 16.03	PASS
				5855~5875	-45.19	≤ 10.43	PASS
				5875~5925	-47.31	≤ -26.83	PASS
				5925~5935	-45.7	≤ -27	PASS

Test Graphs B1

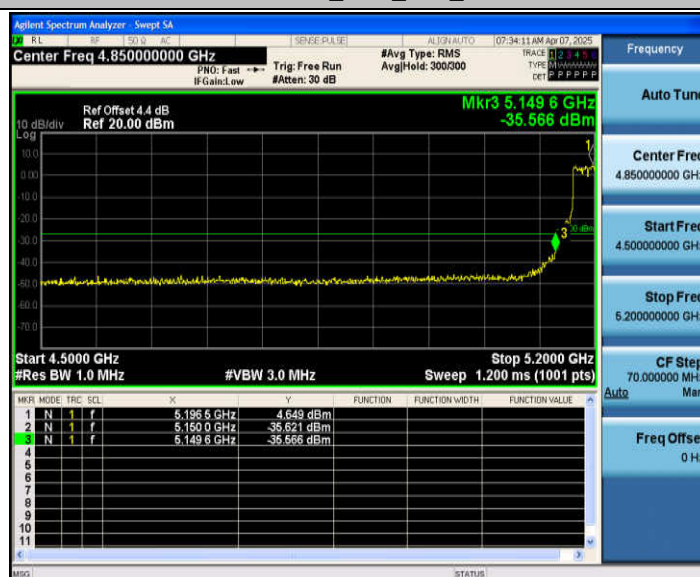




11N20ISO_Ant1_High_5240



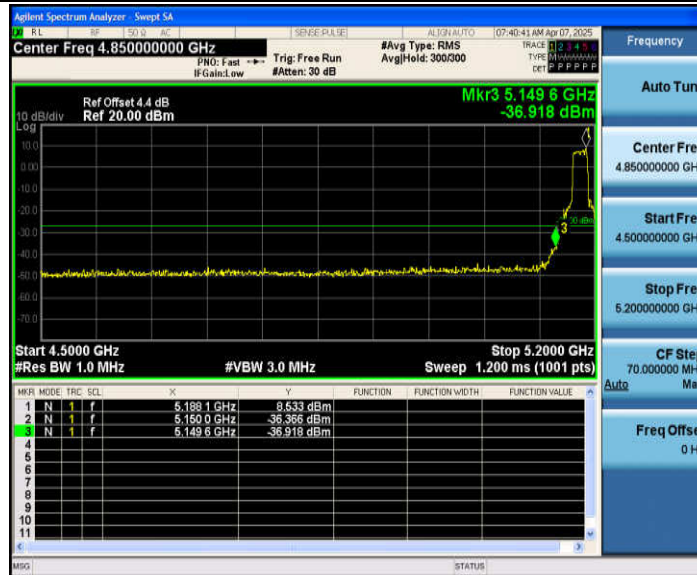
11N40ISO_Ant1_Low_5190



11N40SISO_Ant1_High_5230



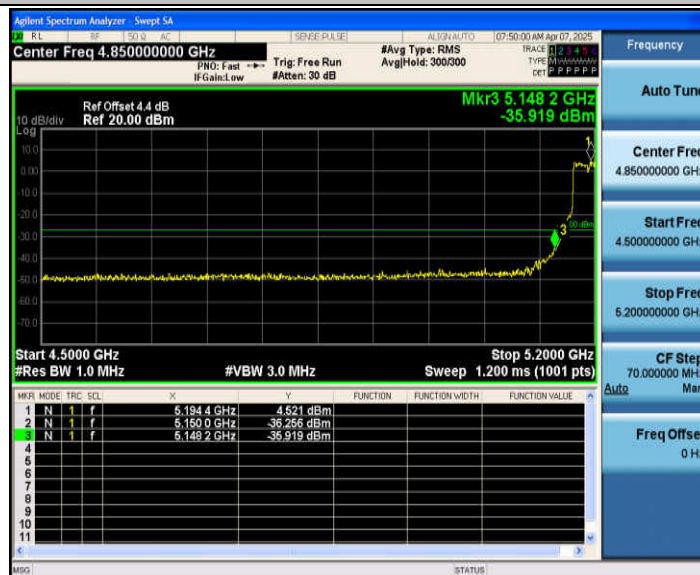
11AC20SISO_Ant1_Low_5180



11AC20SISO_Ant1_High_5240



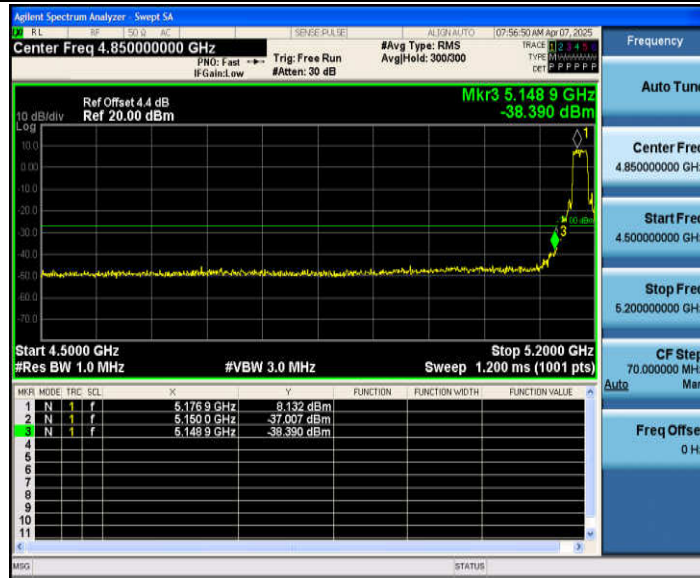
11AC40SISO_Ant1_Low_5190



11AC40SISO_Ant1_High_5230



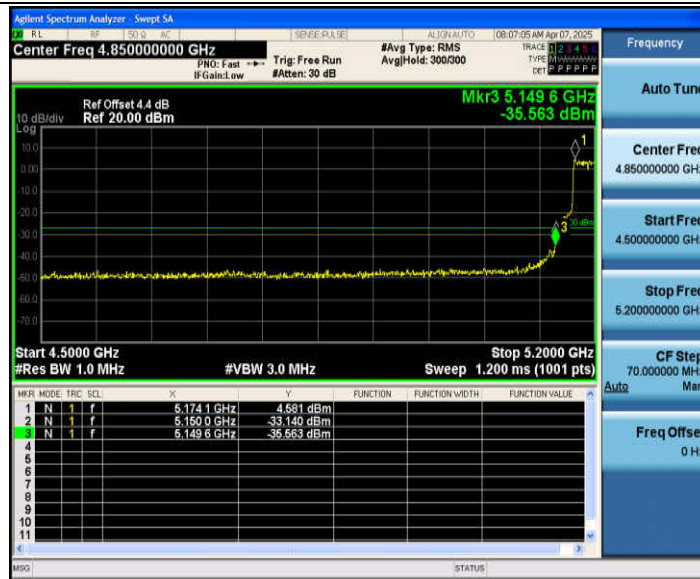
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11AX20SISO_Ant1_High_5240



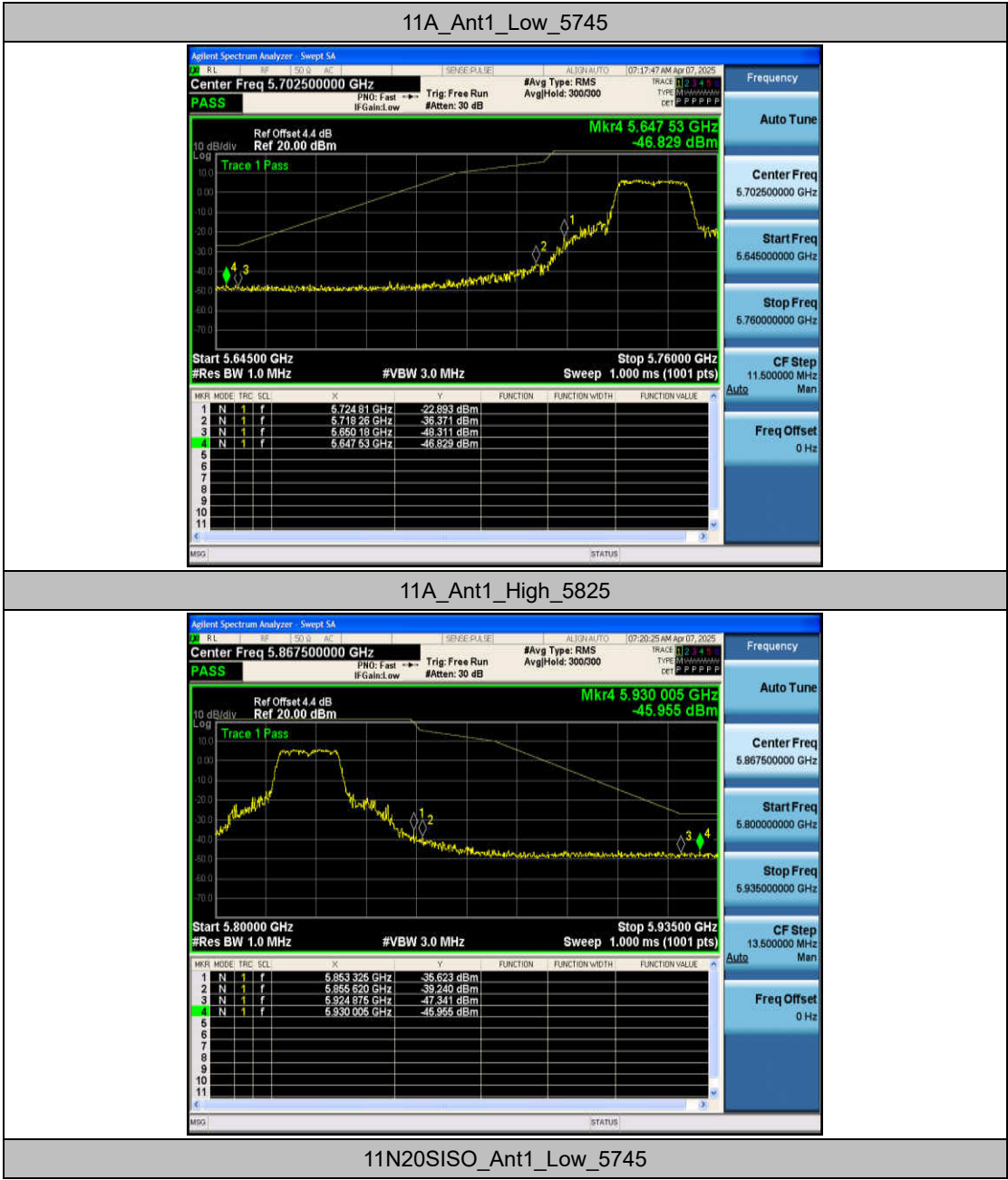
11AX40SISO_Ant1_Low_5190



11AX40SISO_Ant1_High_5230



Test Graphs B4





11N20SISO_Ant1_High_5825



11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825