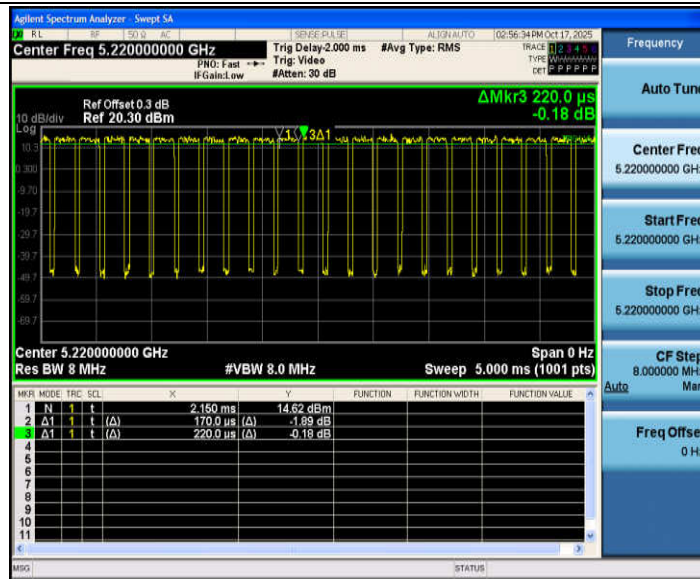
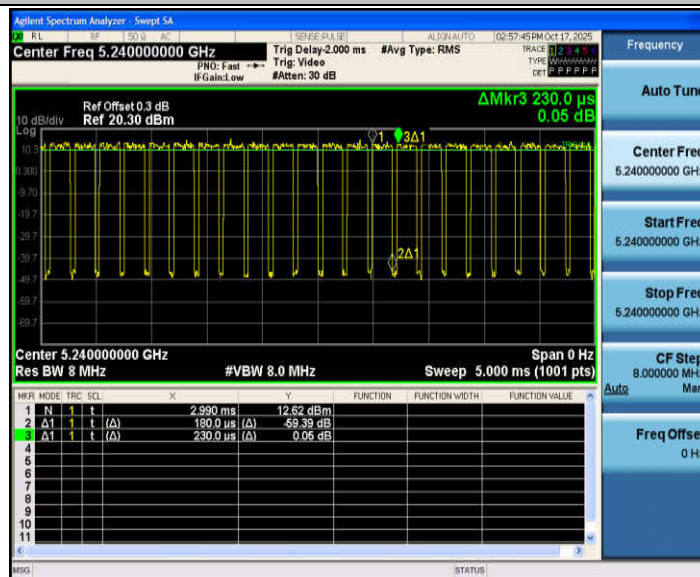
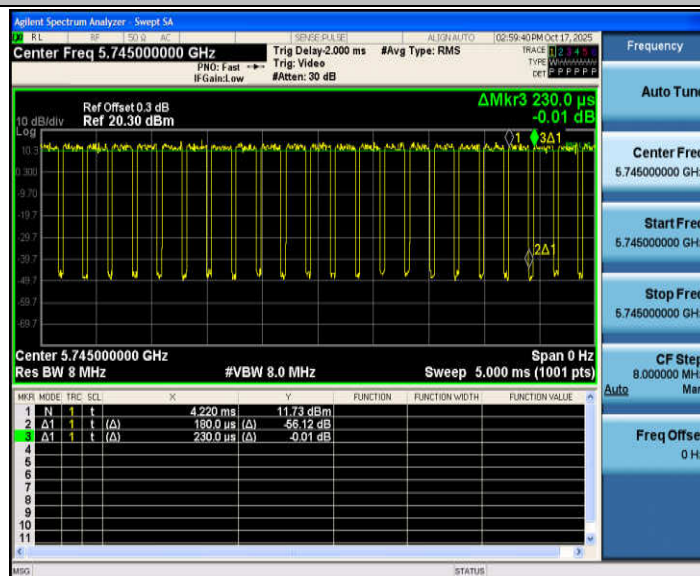




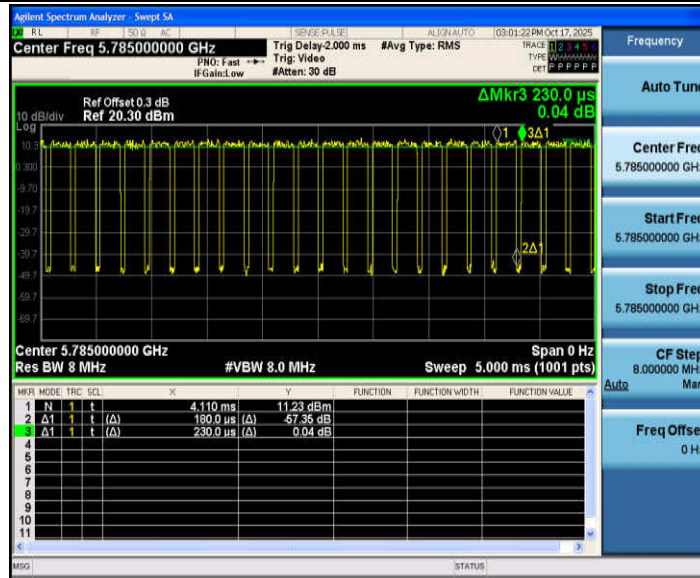
11N20SISO_Ant1_5240



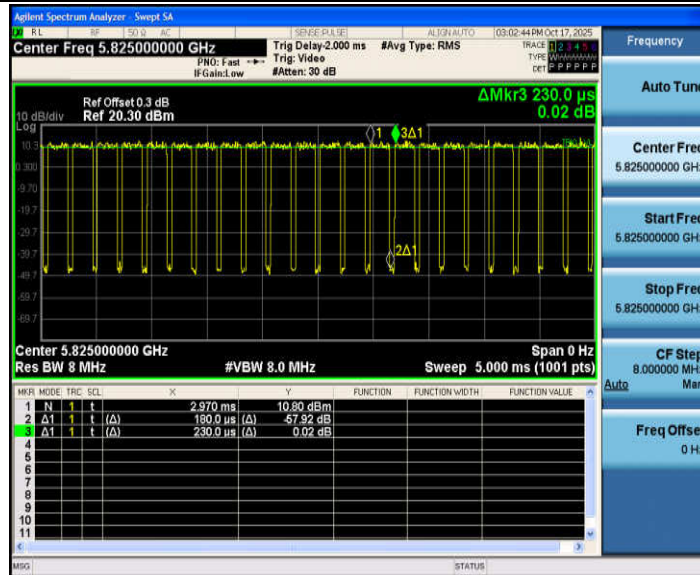
11N20SISO_Ant1_5745



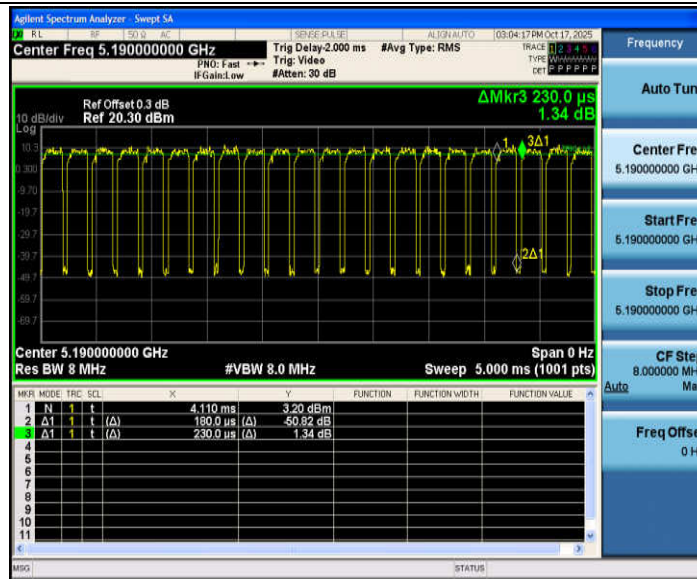
11N20SISO_Ant1_5785



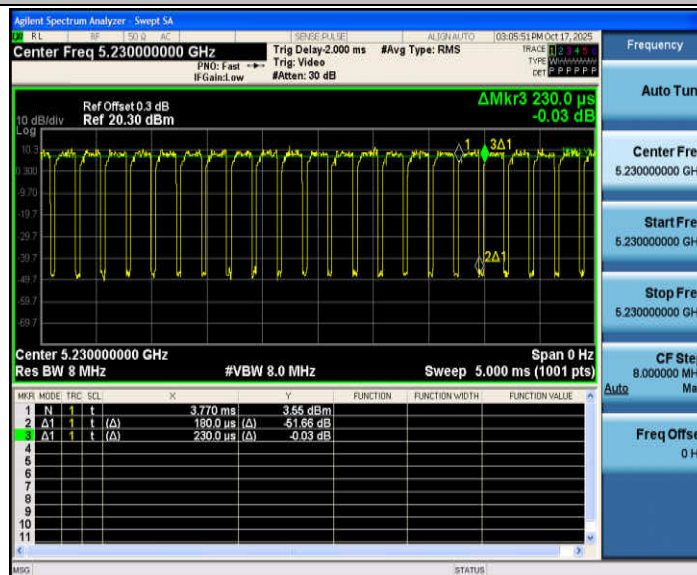
11N20SISO_Ant1_5825



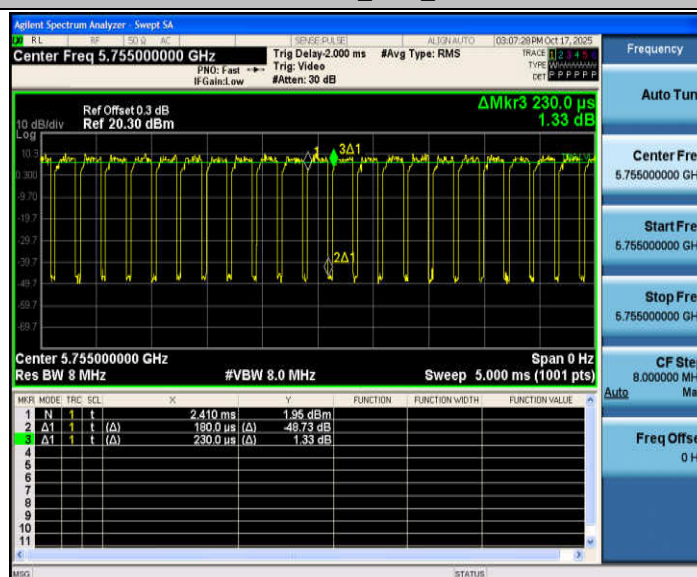
11N40SISO_Ant1_5190



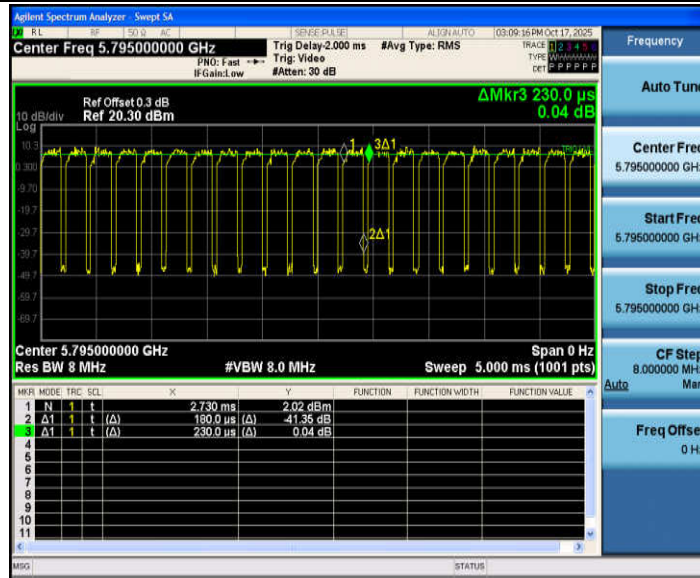
11N40SISO_Ant1_5230



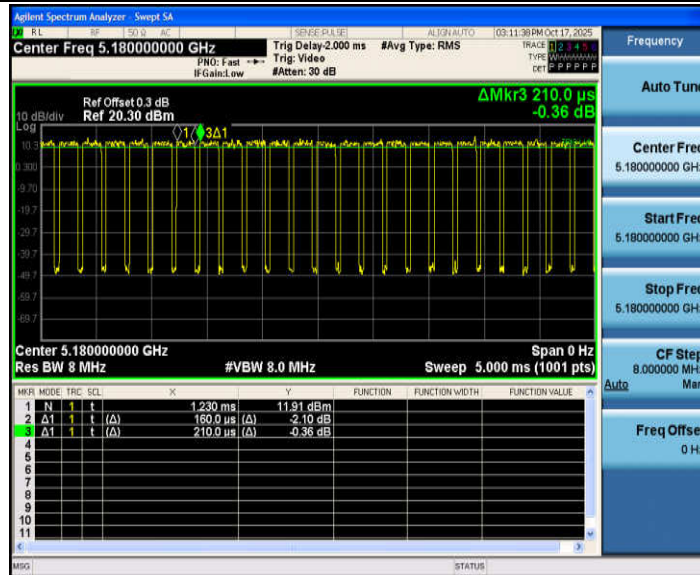
11N40SISO_Ant1_5755



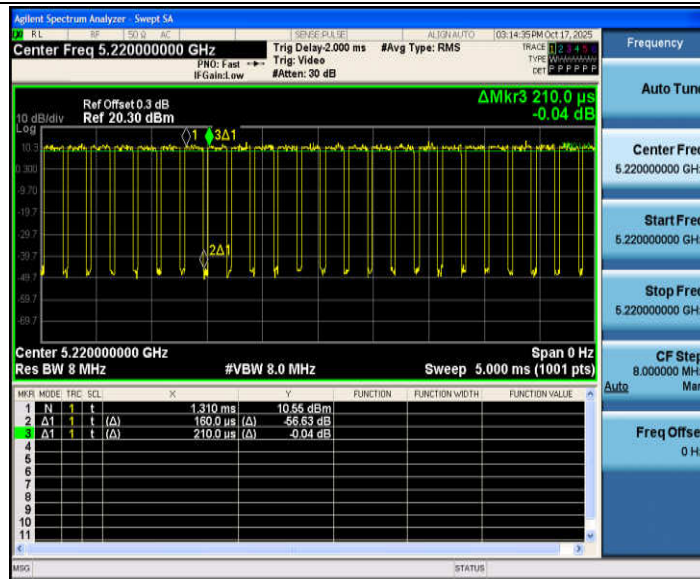
11N40SISO_Ant1_5795



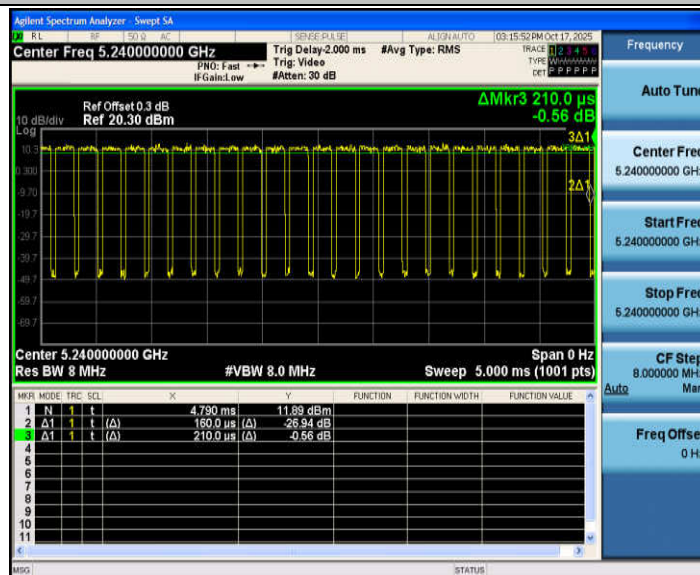
11AC20SISO_Ant1_5180



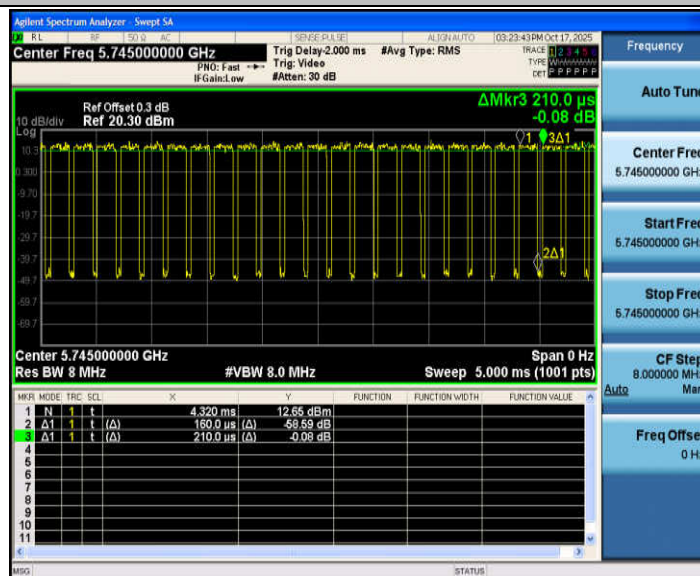
11AC20SISO_Ant1_5220



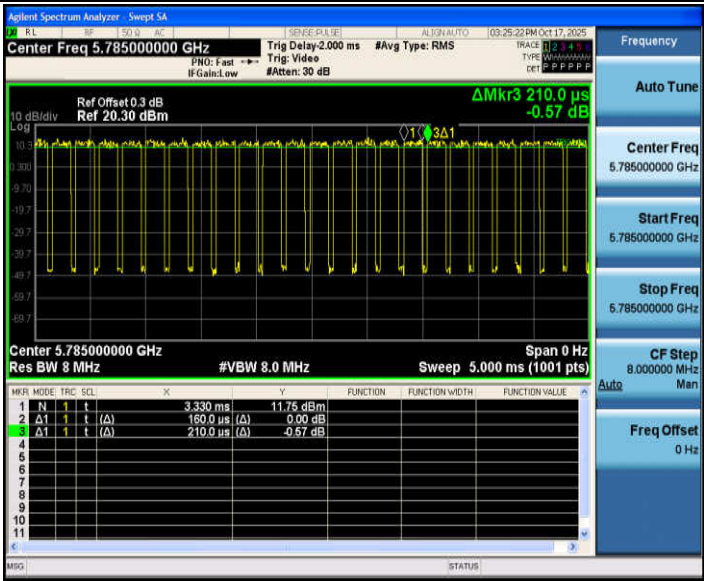
11AC20SISO_Ant1_5240



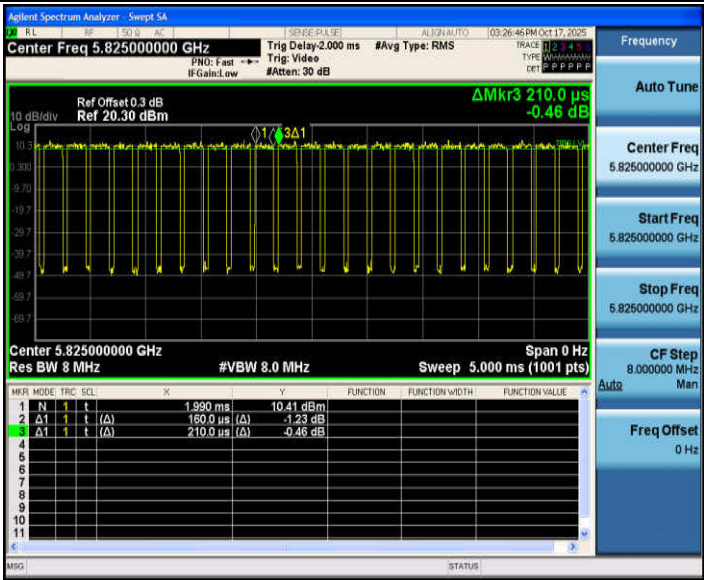
11AC20SISO_Ant1_5745



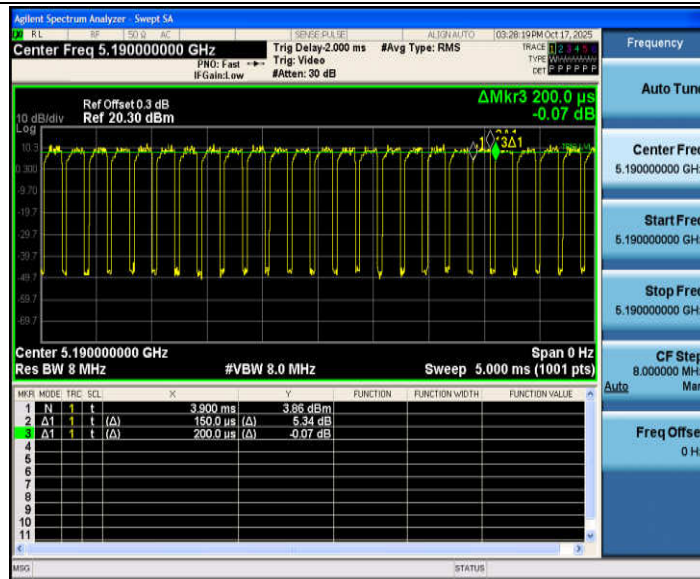
11AC20SISO_Ant1_5785



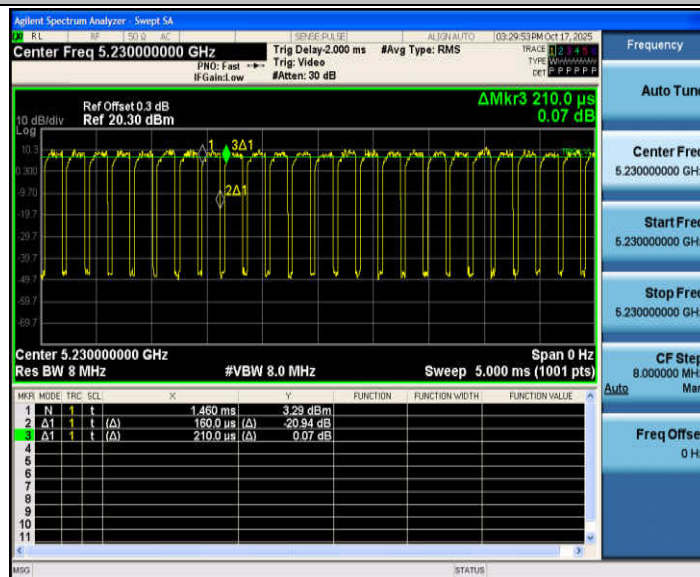
11AC20SISO_Ant1_5825



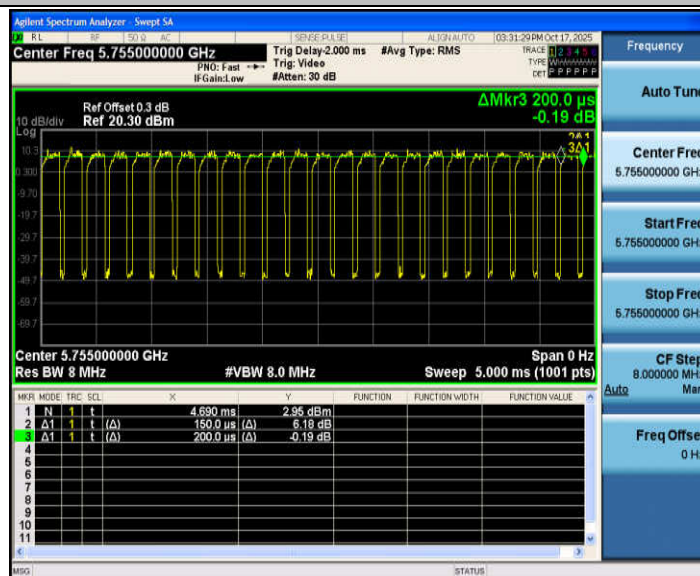
11AC40SISO_Ant1_5190



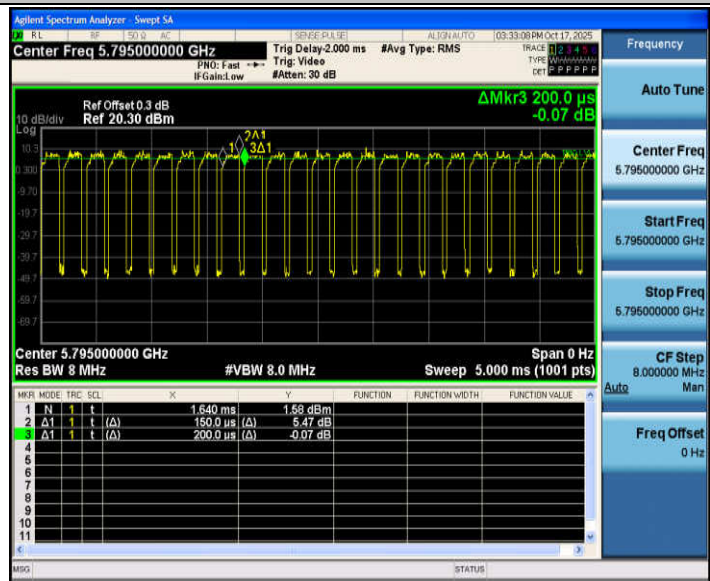
11AC40ISO_Ant1_5230



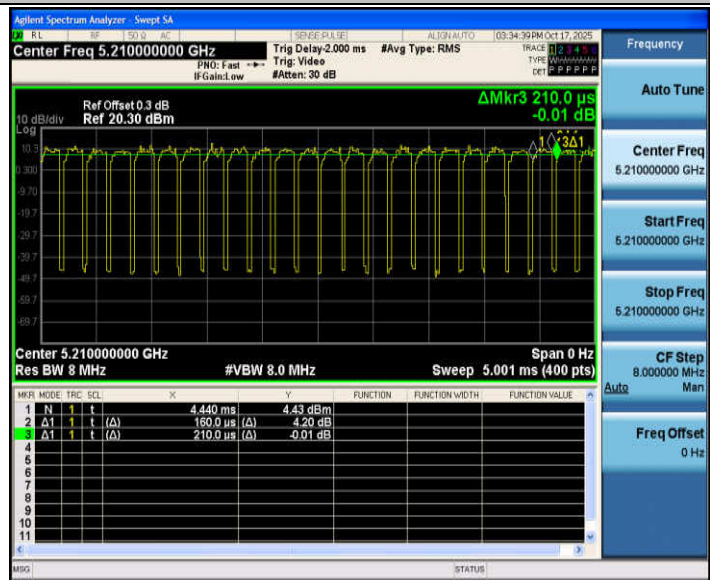
11AC40ISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



Appendix C: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	10.45	73.68	1.33	11.78	≤23.98	PASS
		5220	10.18	75.00	1.25	11.43	≤23.98	PASS
		5240	10.15	73.68	1.33	11.48	≤23.98	PASS
		5745	9.88	75.00	1.25	11.13	≤30.00	PASS
		5785	9.36	73.68	1.33	10.69	≤30.00	PASS
		5825	9.07	73.68	1.33	10.40	≤30.00	PASS
11N20SISO	Ant1	5180	10.67	78.26	1.06	11.73	≤23.98	PASS
		5220	10.19	77.27	1.12	11.31	≤23.98	PASS
		5240	8.24	78.26	1.06	9.30	≤23.98	PASS
		5745	8.64	78.26	1.06	9.70	≤30.00	PASS
		5785	7.94	78.26	1.06	9.00	≤30.00	PASS
		5825	7.26	78.26	1.06	8.32	≤30.00	PASS
11N40SISO	Ant1	5190	8.11	78.26	1.06	9.17	≤23.98	PASS
		5230	7.72	78.26	1.06	8.78	≤23.98	PASS
		5755	7.82	78.26	1.06	8.88	≤30.00	PASS
		5795	7.20	78.26	1.06	8.26	≤30.00	PASS
11AC20SISO	Ant1	5180	7.34	76.19	1.18	8.52	≤23.98	PASS
		5220	6.64	76.19	1.18	7.82	≤23.98	PASS
		5240	7.00	76.19	1.18	8.18	≤23.98	PASS
		5745	8.90	76.19	1.18	10.08	≤30.00	PASS
		5785	8.12	76.19	1.18	9.30	≤30.00	PASS
		5825	7.01	76.19	1.18	8.19	≤30.00	PASS
11AC40SISO	Ant1	5190	8.54	75.00	1.25	9.79	≤23.98	PASS
		5230	7.81	76.19	1.18	8.99	≤23.98	PASS
		5755	8.28	75.00	1.25	9.53	≤30.00	PASS
		5795	7.15	75.00	1.25	8.40	≤30.00	PASS
11AC80SISO	Ant1	5210	11.29	76.19	1.18	12.47	≤23.98	PASS
		5775	10.61	76.19	1.18	11.79	≤30.00	PASS

Appendix D: Maximum power spectral density

Test Result

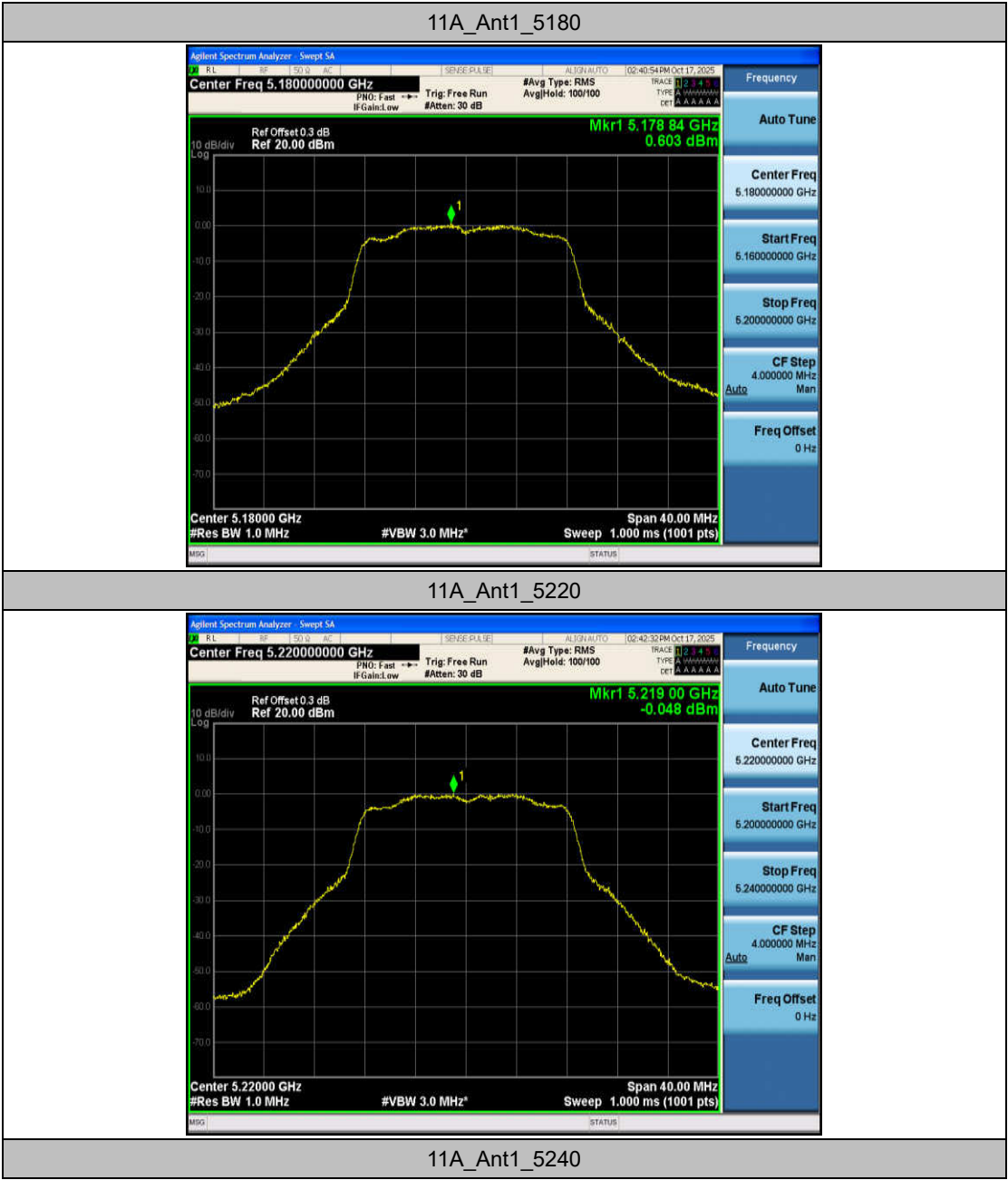
TestMode	Antenna	Freq(MHz)	Result [dBm/1MHz] For 5.2G	RBW Factor (dB)	Duty factor (dB)	Result [dBm/MHz] For 5.2G	Limit[dBm/MHz] For 5.2G	Verdict
			Result [dBm/300KHz] For 5.8G			Result [dBm/500kHz] For 5.8G	Limit[dBm/500kHz] For 5.8G	
11A	Ant1	5180	0.603	/	1.33	1.93	≤11.00	PASS
		5220	-0.048	/	1.25	1.20	≤11.00	PASS
		5240	-0.075	/	1.33	1.25	≤11.00	PASS
		5745	-5.713	2.22	1.25	-2.24	≤30.00	PASS
		5785	-5.951	2.22	1.33	-2.40	≤30.00	PASS
		5825	-6.256	2.22	1.33	-2.71	≤30.00	PASS
11N20SISO	Ant1	5180	0.295	/	1.06	1.36	≤11.00	PASS
		5220	-0.106	/	1.12	1.01	≤11.00	PASS
		5240	-2.066	/	1.06	-1.01	≤11.00	PASS
		5745	-7.287	2.22	1.06	-4.01	≤30.00	PASS
		5785	-7.855	2.22	1.06	-4.58	≤30.00	PASS
		5825	-8.647	2.22	1.06	-5.37	≤30.00	PASS
11N40SISO	Ant1	5190	-5.667	/	1.06	-4.61	≤11.00	PASS
		5230	-6.184	/	1.06	-5.12	≤11.00	PASS
		5755	-11.012	2.22	1.06	-7.73	≤30.00	PASS
		5795	-11.213	2.22	1.06	-7.93	≤30.00	PASS
11AC20SISO	Ant1	5180	-2.944	/	1.18	-1.76	≤11.00	PASS
		5220	-3.499	/	1.18	-2.32	≤11.00	PASS
		5240	-3.246	/	1.18	-2.07	≤11.00	PASS
		5745	-6.882	2.22	1.18	-3.48	≤30.00	PASS
		5785	-7.462	2.22	1.18	-4.06	≤30.00	PASS
		5825	-8.423	2.22	1.18	-5.02	≤30.00	PASS
11AC40SISO	Ant1	5190	-5.171	/	1.25	-3.92	≤11.00	PASS
		5230	-6.020	/	1.18	-4.84	≤11.00	PASS
		5755	-10.259	2.22	1.25	-6.79	≤30.00	PASS
		5795	-11.711	2.22	1.25	-8.24	≤30.00	PASS
11AC80SISO	Ant1	5210	-5.337	/	1.18	-4.16	≤11.00	PASS
		5775	-10.761	2.22	1.18	-7.36	≤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

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



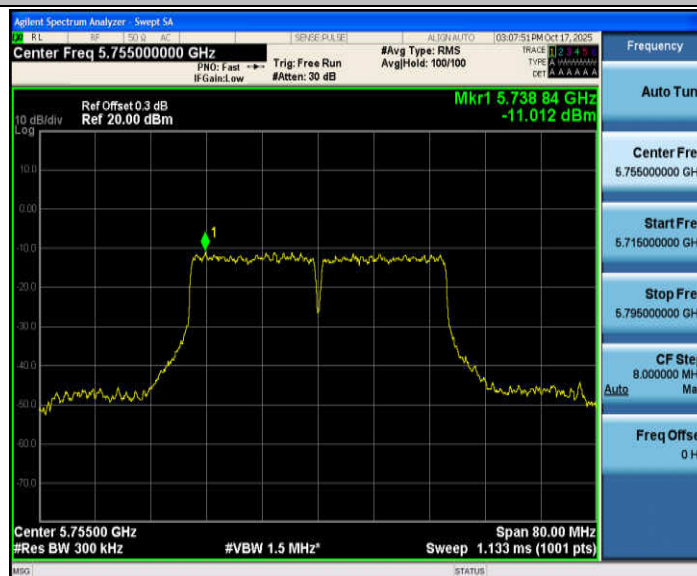
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



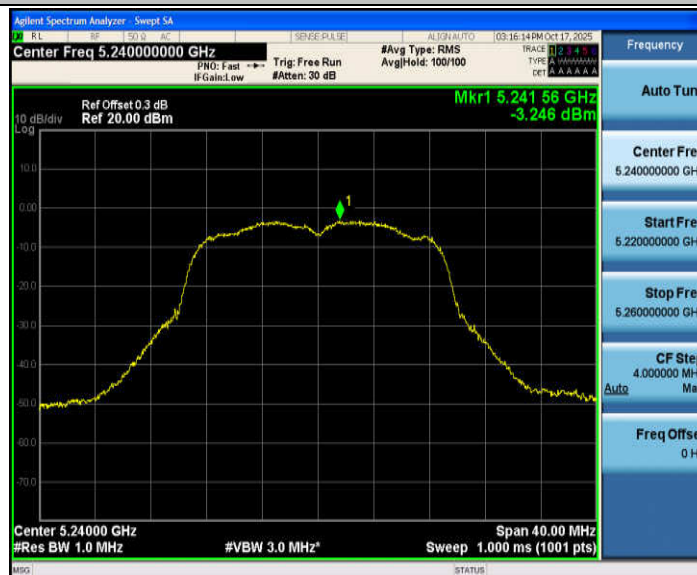
11AC20SISO_Ant1_5180



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 E: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-42.96	≤-27	PASS
		High	5240	-47.87	≤-27	PASS
11N20SISO	Ant1	Low	5180	-42.57	≤-27	PASS
		High	5240	-47.97	≤-27	PASS
11N40SISO	Ant1	Low	5190	-46.22	≤-27	PASS
		High	5230	-49.29	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-44.65	≤-27	PASS
		High	5240	-48.76	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-42.27	≤-27	PASS
		High	5230	-48.9	≤-27	PASS
11AC80SISO	Ant1	Low	5210	-40.48	≤-27	PASS
		High	5210	-46.05	≤-27	PASS

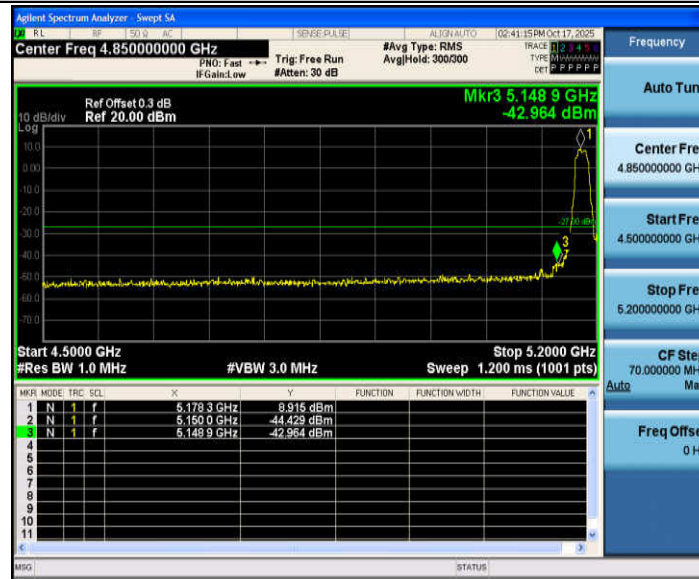
Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-50.88	≤-26.96	PASS
				5700~5720	-42.61	≤13.73	PASS
				5720~5725	-45.08	≤15.82	PASS
				5760~5650	-50.05	≤-27	PASS
		High	5825	5850~5855	-42.06	≤15.73	PASS
				5855~5875	-47	≤10.29	PASS
				5875~5925	-49.65	≤-26.41	PASS
				5925~5935	-48.84	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-50.72	≤-26.96	PASS
				5700~5720	-43.23	≤15.56	PASS
				5720~5725	-40.88	≤18.18	PASS
				5760~5650	-50.41	≤-27	PASS
		High	5825	5850~5855	-45.21	≤17.57	PASS
				5855~5875	-47.21	≤10.21	PASS
				5875~5925	-49.82	≤-26.51	PASS
				5925~5935	-49.69	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-50.77	≤-26.90	PASS
				5700~5720	-31.49	≤14.48	PASS
				5720~5725	-31.33	≤16.35	PASS
				5780~5650	-48.97	≤-27	PASS
		High	5795	5850~5855	-48.49	≤15.66	PASS

				5855~5875	-49.67	≤ 10.62	PASS
				5875~5925	-51.02	≤ -26.83	PASS
				5925~5935	-48.87	≤ -27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-50.67	≤ -26.96	PASS
				5700~5720	-40.67	≤ 15.50	PASS
				5720~5725	-35.83	≤ 18.70	PASS
				5760~5650	-49.77	≤ -27	PASS
		High	5825	5850~5855	-38.69	≤ 18.80	PASS
				5855~5875	-40.12	≤ 15.58	PASS
				5875~5925	-49.96	≤ -26.01	PASS
				5925~5935	-50.07	≤ -27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-51.33	≤ -26.90	PASS
				5700~5720	-30.89	≤ 15.35	PASS
				5720~5725	-32.23	≤ 15.74	PASS
				5780~5650	-50.94	≤ -27	PASS
		High	5795	5850~5855	-42.62	≤ 19.80	PASS
				5855~5875	-48.52	≤ 11.13	PASS
				5875~5925	-51.12	≤ -26.71	PASS
				5925~5935	-49.2	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-47.7	≤ -26.34	PASS
				5700~5720	-36.56	≤ 15.26	PASS
				5720~5725	-36.87	≤ 15.65	PASS
				5800~5650	-48.02	≤ -27	PASS
		High	5775	5850~5855	-39.26	≤ 15.84	PASS
				5855~5875	-40.35	≤ 11.49	PASS
				5875~5925	-48.86	≤ -26.46	PASS
				5925~5935	-48.12	≤ -27	PASS

Test Graphs B1

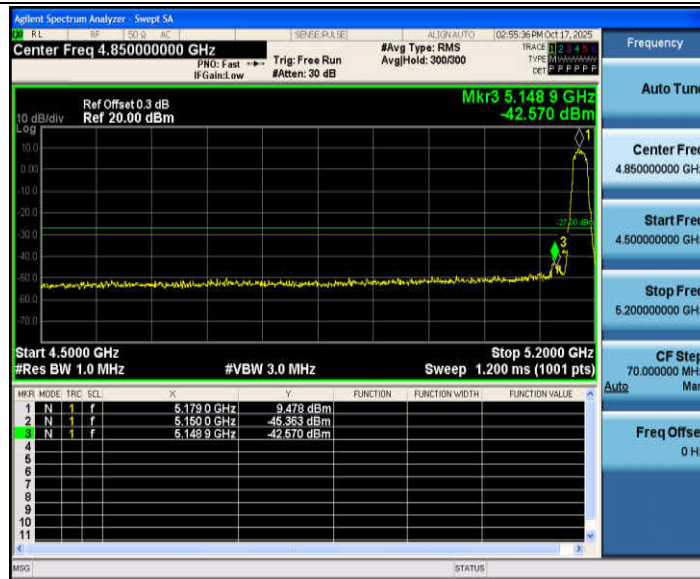
11A_Ant1_Low_5180



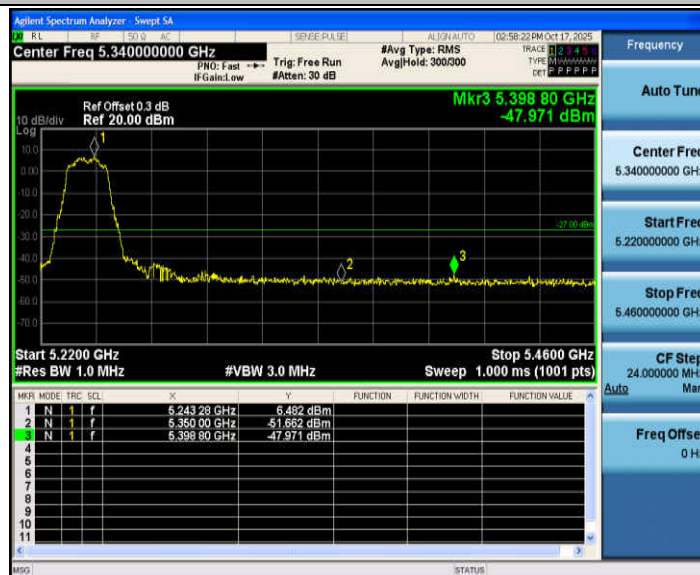
11A_Ant1_High_5240



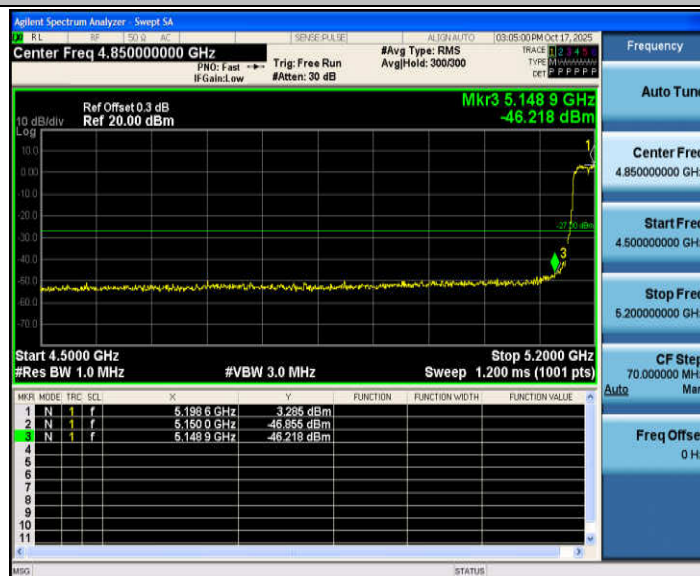
11N20SISO_Ant1_Low_5180



11N20SISO_Ant1_High_5240



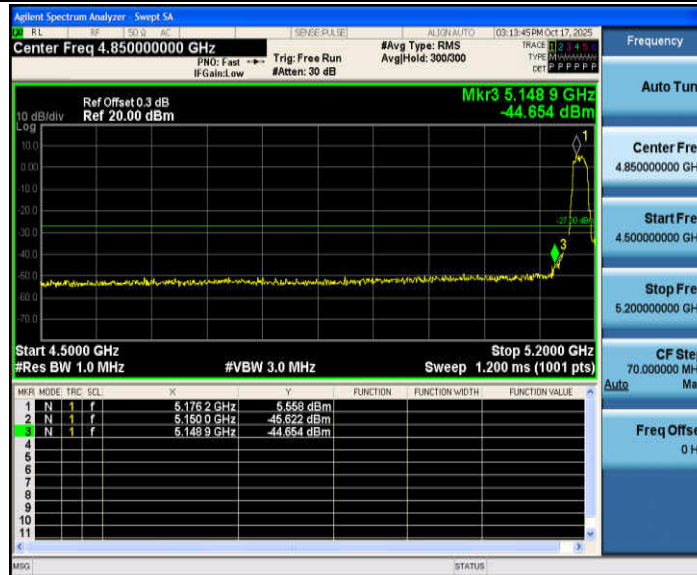
11N40SISO_Ant1_Low_5190



11N40SISO_Ant1_High_5230



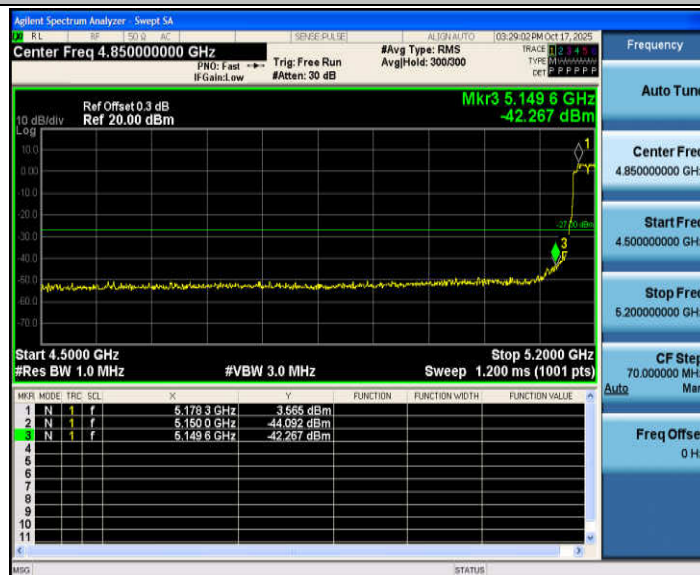
11AC20SISO_Ant1_Low_5180



11AC20SISO_Ant1_High_5240



11AC40SISO_Ant1_Low_5190



11AC40SISO_Ant1_High_5230



11AC80SISO_Ant1_Low_5210



11AC80SISO_Ant1_High_5210



Test Graphs B4

11A_Ant1_Low_5745



11A_Ant1_High_5825



11N20SISO_Ant1_Low_5745



11N20ISO_Ant1_High_5825



11N40ISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795



11AC80SISO_Ant1_Low_5775



11AC80SISO_Ant1_High_5775



Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	2986.31	-65.35	≤-27	PASS
			5360~40000	25560.94	-56.09	≤-27	PASS
		5220	30~5140	2415.18	-65.71	≤-27	PASS
			5360~40000	26587.4	-55.9	≤-27	PASS
		5240	30~5140	2671.7	-65.74	≤-27	PASS
			5360~40000	26565.04	-56.15	≤-27	PASS
		5745	30~5650	2036.71	-65.42	≤-27	PASS
			5925~40000	24491.37	-55.98	≤-27	PASS
		5785	30~5650	3292.6	-65.81	≤-27	PASS
			5925~40000	26669.83	-55.98	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	3015.94	-64.7	≤-27	PASS
			5360~40000	26876.65	-56.39	≤-27	PASS
		5220	30~5140	2632.86	-65.93	≤-27	PASS
			5360~40000	26725.89	-56.37	≤-27	PASS
		5240	30~5140	3029.57	-65.95	≤-27	PASS
			5360~40000	26197.16	-55.98	≤-27	PASS
		5745	30~5650	2987.24	-66.38	≤-27	PASS
			5925~40000	25696.86	-55.48	≤-27	PASS
		5785	30~5650	2678.71	-66.35	≤-27	PASS
			5925~40000	26642.43	-56.45	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	3008.62	-65.24	≤-27	PASS
			5360~40000	26953.11	-56.5	≤-27	PASS
		5230	30~5140	3151.7	-64.64	≤-27	PASS
			5360~40000	26220.24	-56.16	≤-27	PASS
		5755	30~5650	3174.02	-65.9	≤-27	PASS
			5925~40000	26641.02	-56.34	≤-27	PASS
		5795	30~5650	3412.3	-65.65	≤-27	PASS
			5925~40000	26616.44	-55.81	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	3157.83	-66.43	≤-27	PASS
			5360~40000	26667.47	-56.47	≤-27	PASS
		5220	30~5140	3150	-65.25	≤-27	PASS
			5360~40000	25668.42	-55.72	≤-27	PASS
		5240	30~5140	2450.27	-65.53	≤-27	PASS

			5360~40000	26278.67	-56.4	≤-27	PASS
		5745	30~5650	2579.98	-66.14	≤-27	PASS
			5925~40000	26393.04	-56.42	≤-27	PASS
		5785	30~5650	2632.81	-65.47	≤-27	PASS
			5925~40000	26682.47	-56.42	≤-27	PASS
		5825	30~5650	3123.25	-65.57	≤-27	PASS
			5925~40000	26822.27	-55.83	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	3143.86	-65.64	≤-27	PASS
			5360~40000	26578.02	-56.13	≤-27	PASS
		5230	30~5140	3130.24	-65.96	≤-27	PASS
			5360~40000	26821.83	-56.07	≤-27	PASS
		5755	30~5650	3112.01	-66.25	≤-27	PASS
			5925~40000	26086.05	-55.94	≤-27	PASS
		5795	30~5650	2855.74	-66.23	≤-27	PASS
			5925~40000	26164.73	-55.69	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	3108.43	-65.2	≤-27	PASS
			5360~40000	25766.52	-56.36	≤-27	PASS
		5775	30~5650	2632.06	-65.48	≤-27	PASS
			5925~40000	26491.39	-55.26	≤-27	PASS

Test Graphs

