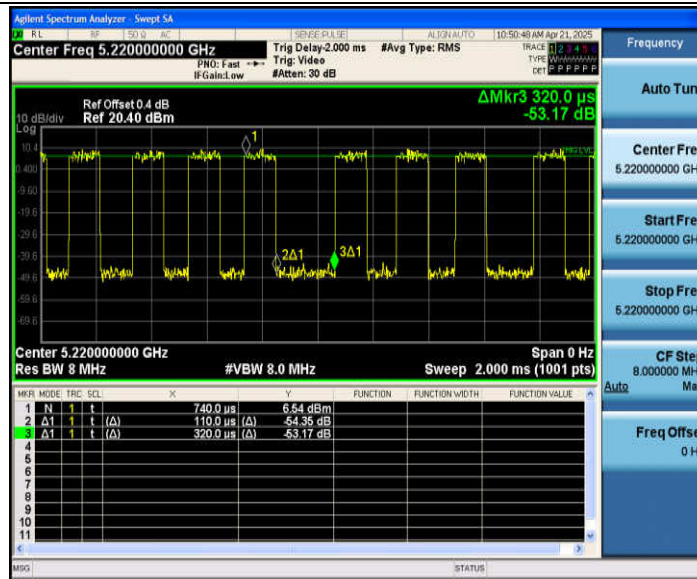
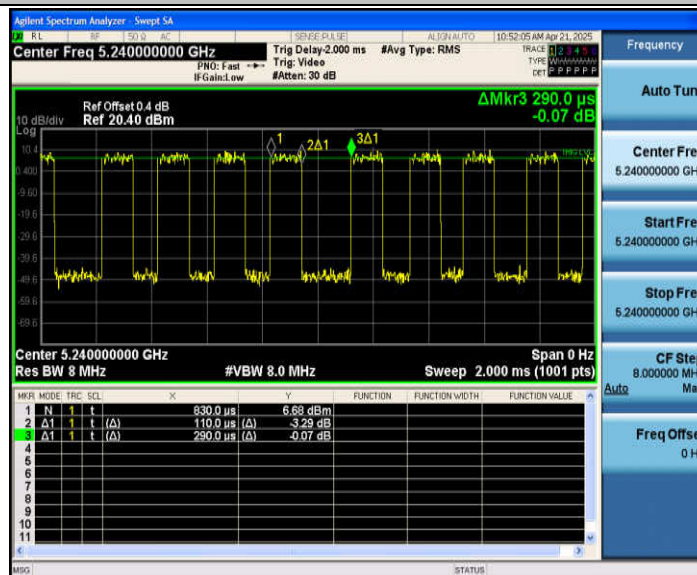
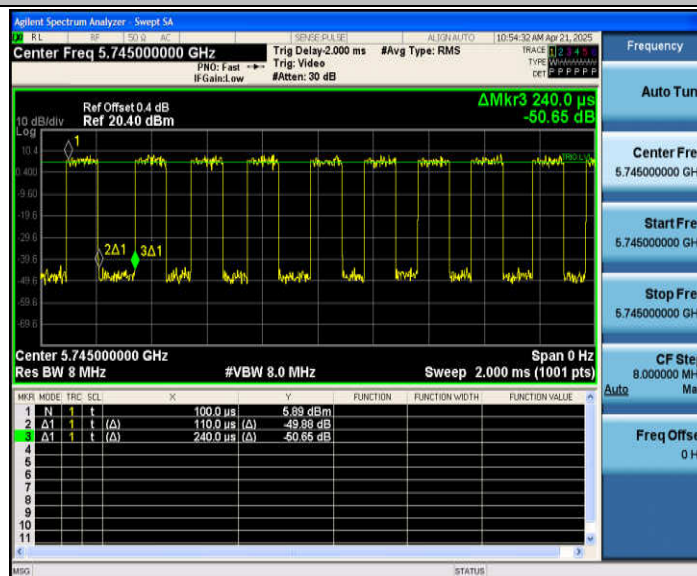




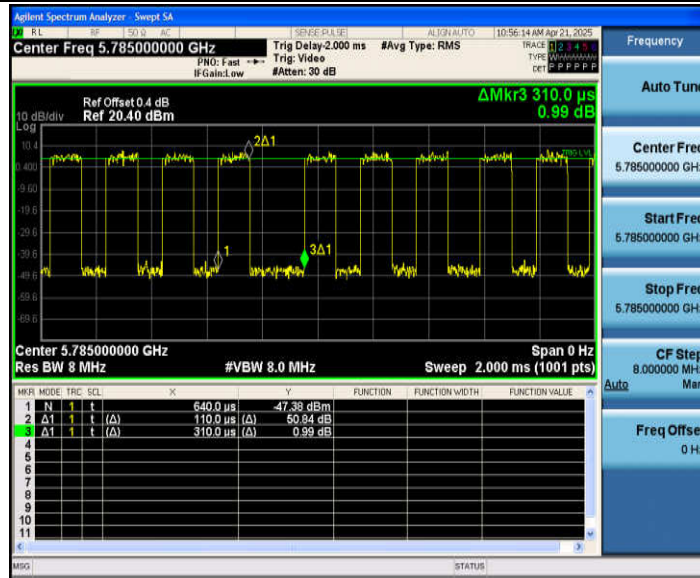
11N20SISO_Ant1_5240



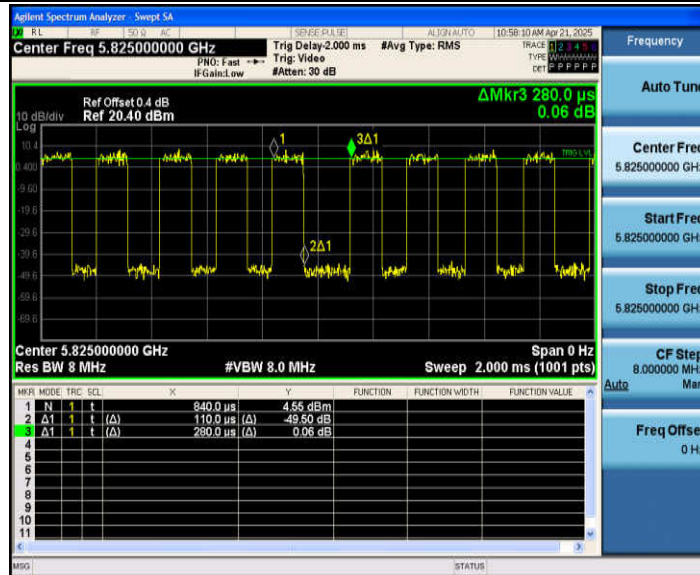
11N20SISO_Ant1_5745



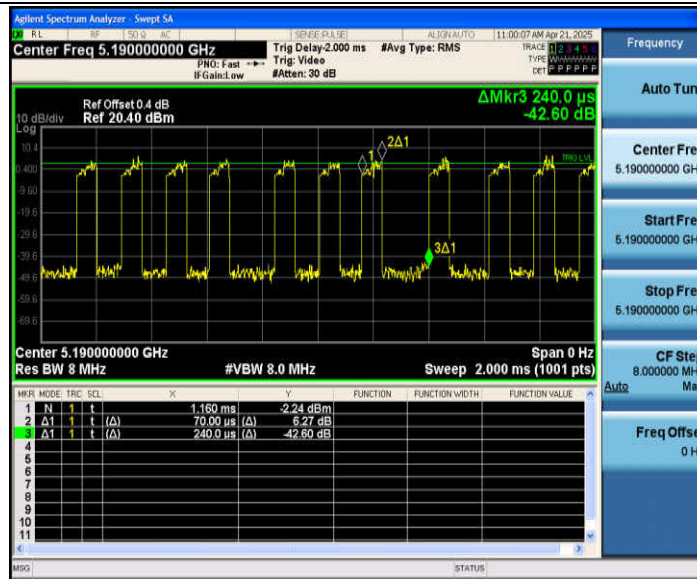
11N20SISO_Ant1_5785



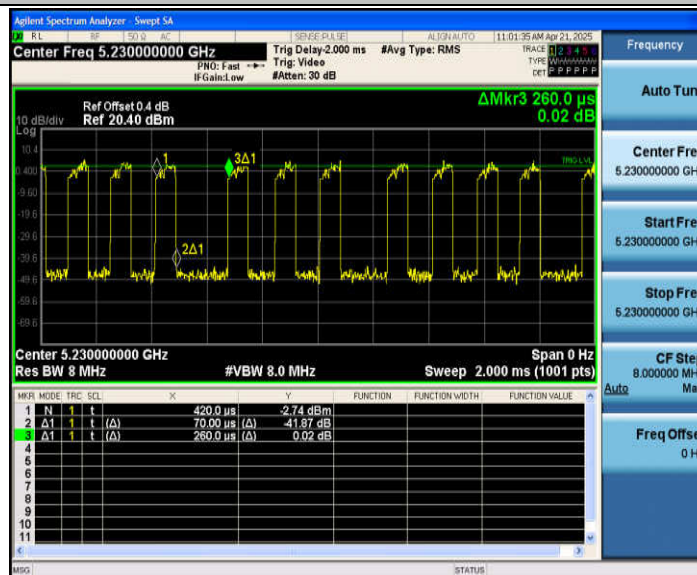
11N20SISO_Ant1_5825



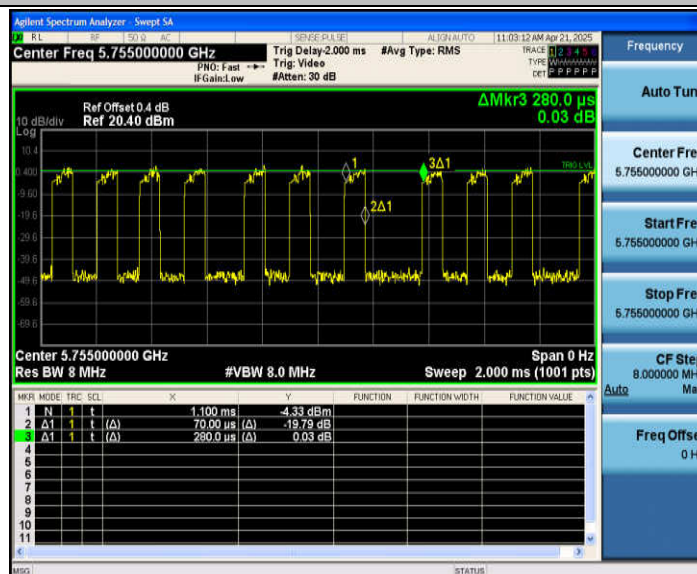
11N40SISO_Ant1_5190



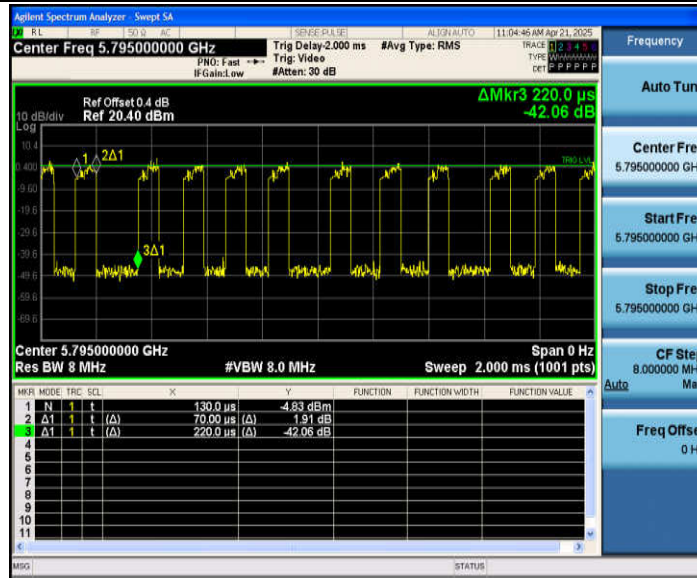
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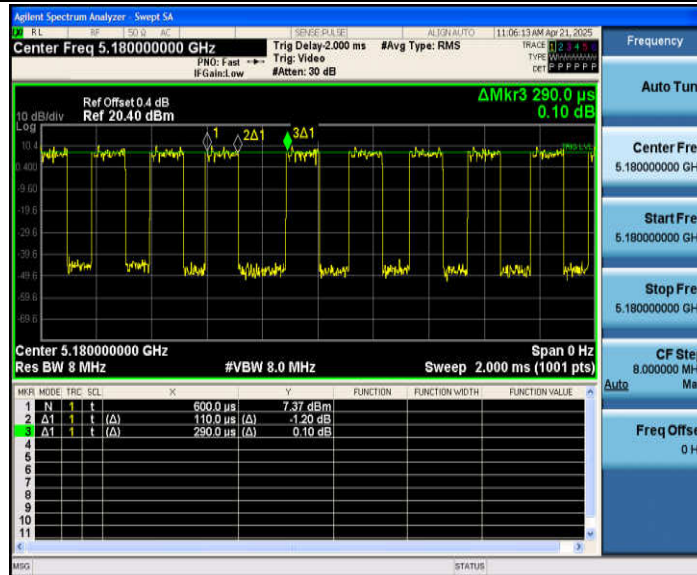
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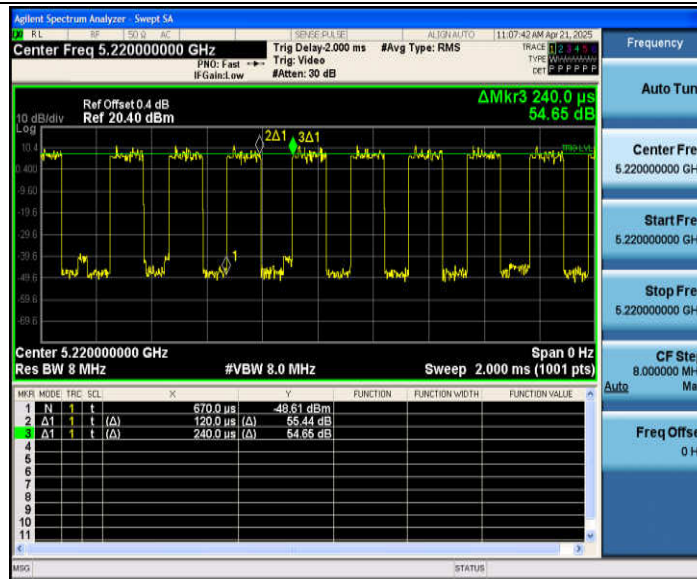
11N40SISO_Ant1_5795



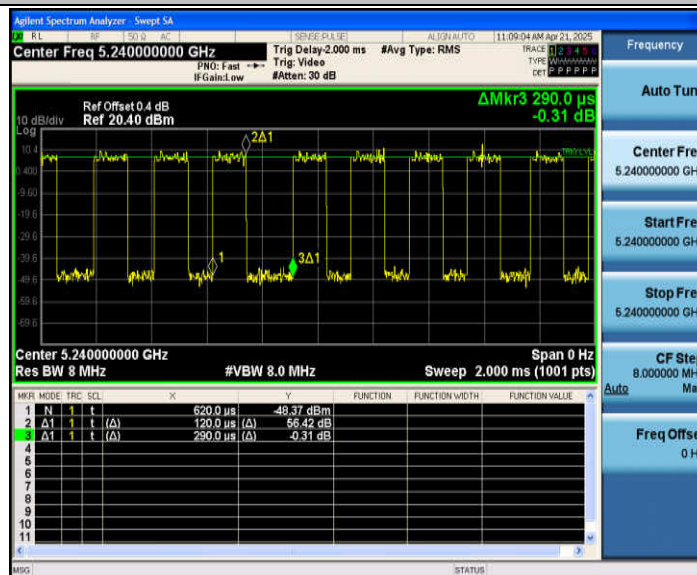
11AC20SISO_Ant1_5180



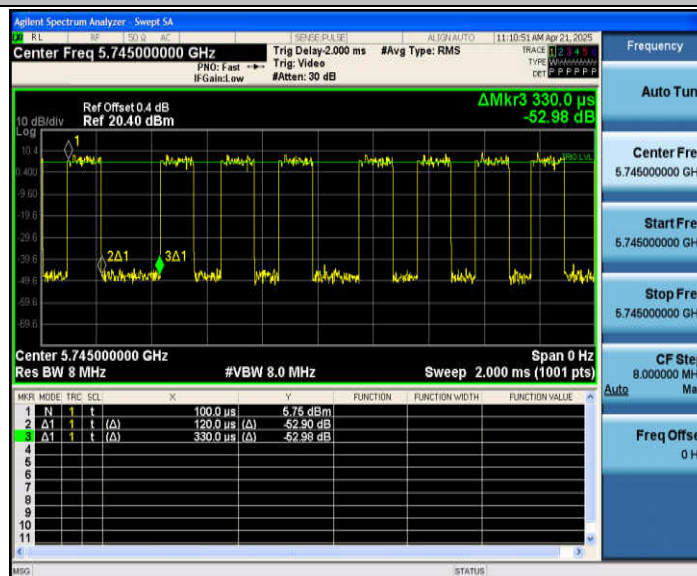
11AC20SISO_Ant1_5220



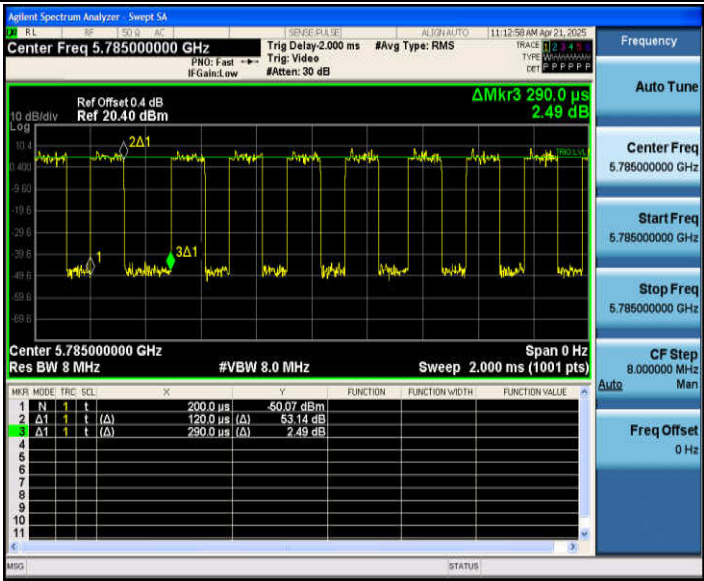
11AC20SISO_Ant1_5240



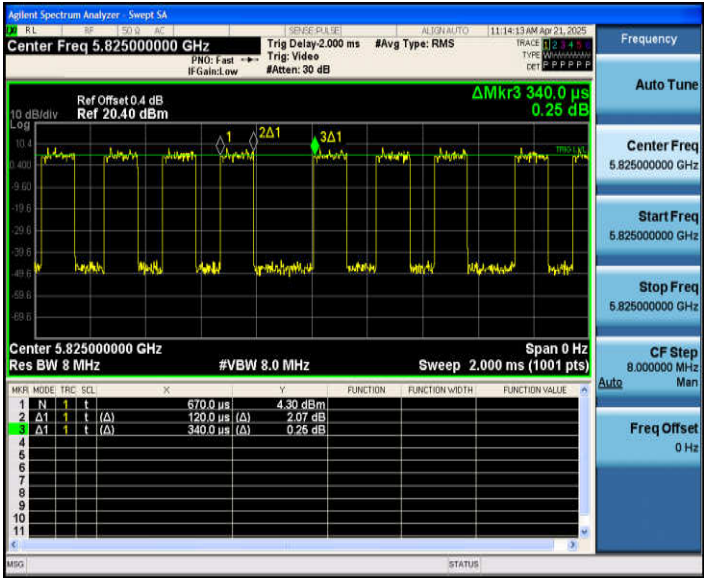
11AC20SISO_Ant1_5745



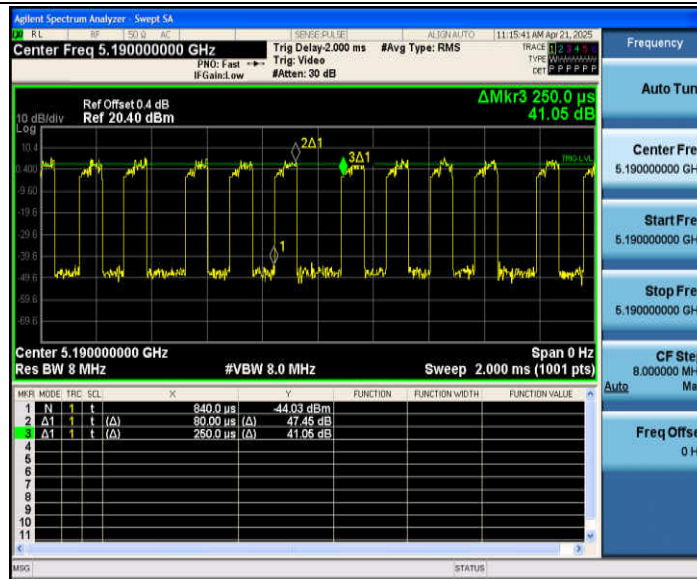
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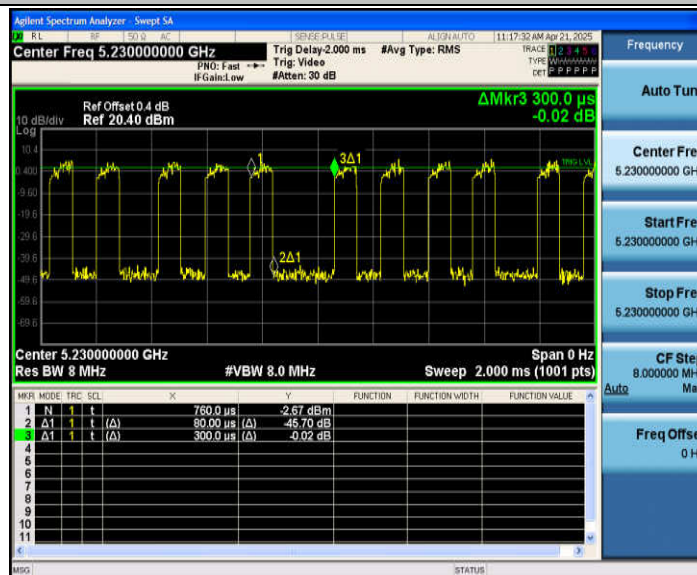
11AC20SISO_Ant1_5825



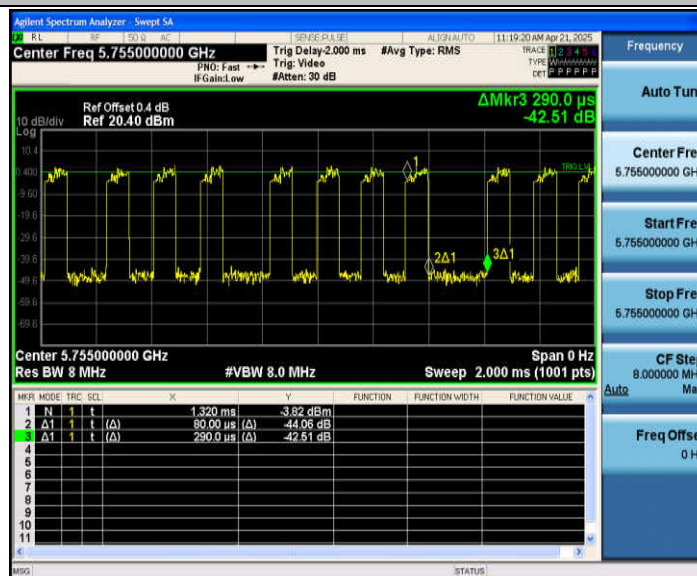
11AC40SISO_Ant1_5190



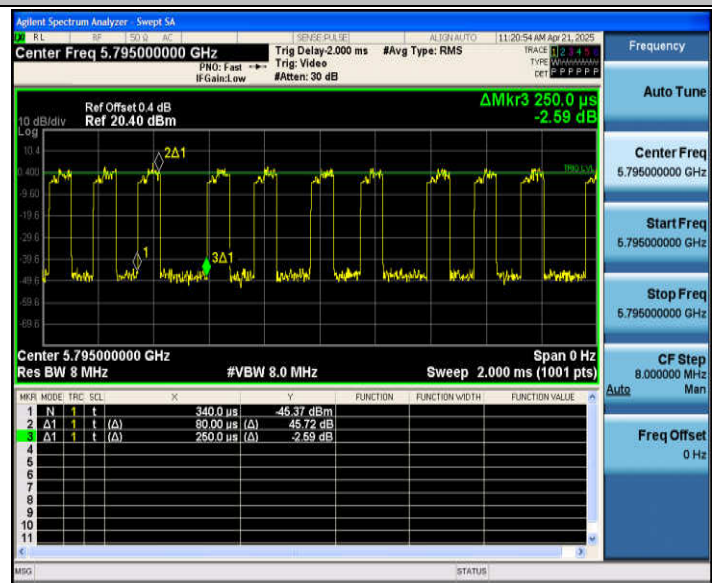
11AC40SISO_Ant1_5230



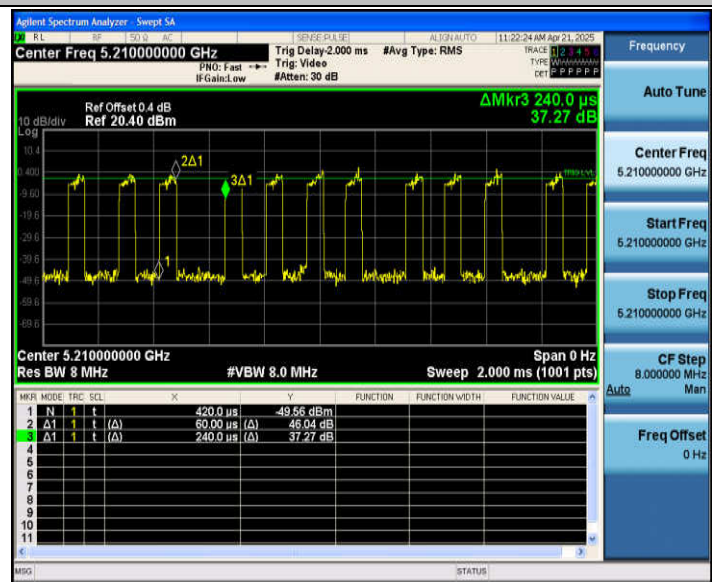
11AC40SISO_Ant1_5755



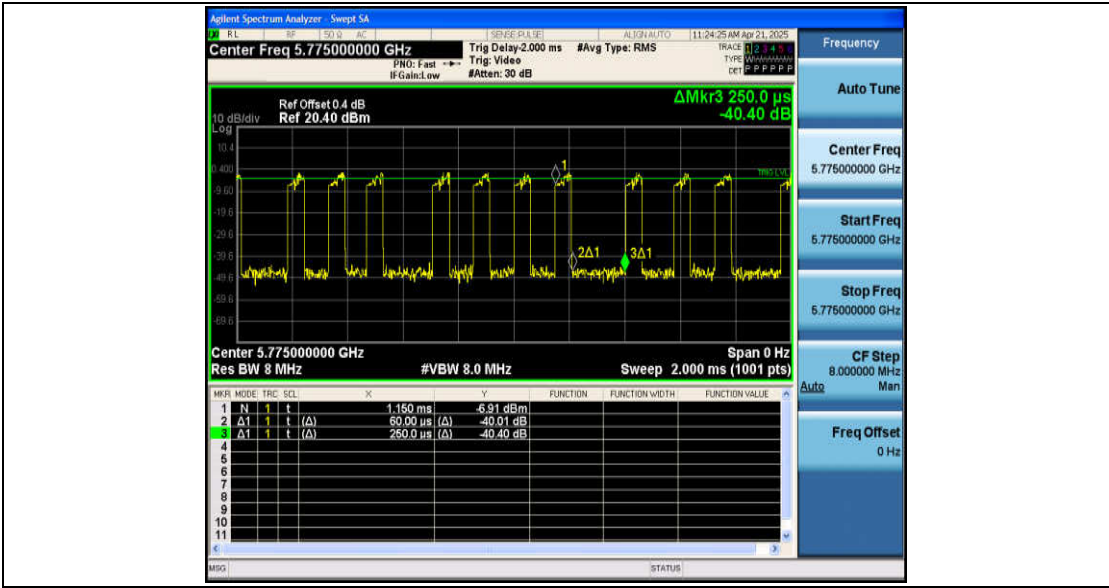
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



Appendix C: Maximum conducted output power

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	-1.15	39.29	4.06	2.91	≤23.98	PASS
		5220	-1.25	37.93	4.21	2.96	≤23.98	PASS
		5240	-1.26	39.29	4.06	2.8	≤23.98	PASS
		5745	-1.90	45.83	3.39	1.49	≤30.00	PASS
		5785	-1.10	33.33	4.77	3.67	≤30.00	PASS
		5825	-1.07	40.74	3.90	2.83	≤30.00	PASS
11N20SISO	Ant1	5180	-1.97	36.67	4.36	2.39	≤23.98	PASS
		5220	-1.95	34.38	4.64	2.69	≤23.98	PASS
		5240	-1.16	37.93	4.21	3.05	≤23.98	PASS
		5745	-1.24	45.83	3.39	2.15	≤30.00	PASS
		5785	-1.14	35.48	4.50	3.36	≤30.00	PASS
		5825	-2.01	39.29	4.06	2.05	≤30.00	PASS
11N40SISO	Ant1	5190	-1.72	29.17	5.35	3.63	≤23.98	PASS
		5230	-1.58	26.92	5.70	4.12	≤23.98	PASS
		5755	-1.87	25.00	6.02	4.15	≤30.00	PASS
		5795	-2.44	31.82	4.97	2.53	≤30.00	PASS
11AC20SISO	Ant1	5180	-1.10	37.93	4.21	3.11	≤23.98	PASS
		5220	-1.09	50.00	3.01	1.92	≤23.98	PASS
		5240	-1.18	41.38	3.83	2.65	≤23.98	PASS
		5745	-1.12	36.36	4.39	3.27	≤30.00	PASS
		5785	-1.32	41.38	3.83	2.51	≤30.00	PASS
		5825	-1.17	35.29	4.52	3.35	≤30.00	PASS
11AC40SISO	Ant1	5190	-1.52	32.00	4.95	3.43	≤23.98	PASS
		5230	-1.28	26.67	5.74	4.46	≤23.98	PASS
		5755	-1.49	27.59	5.59	4.1	≤30.00	PASS
		5795	-2.10	32.00	4.95	2.85	≤30.00	PASS
11AC80SISO	Ant1	5210	-1.65	25.00	6.02	4.37	≤23.98	PASS
		5775	-2.89	24.00	6.20	3.31	≤30.00	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz] 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	-8.568	/	4.06	-4.51	≤11.00	PASS
		5220	-8.475	/	4.21	-4.27	≤11.00	PASS
		5240	-8.813	/	4.06	-4.75	≤11.00	PASS
		5745	-14.073	2.22	3.39	-8.46	≤30.00	PASS
		5785	-15.183	2.22	4.77	-8.19	≤30.00	PASS
		5825	-14.798	2.22	3.90	-8.68	≤30.00	PASS
11N20SISO	Ant1	5180	-8.658	/	4.36	-4.30	≤11.00	PASS
		5220	-8.391	/	4.64	-3.75	≤11.00	PASS
		5240	-8.449	/	4.21	-4.24	≤11.00	PASS
		5745	-14.027	2.22	3.39	-8.42	≤30.00	PASS
		5785	-15.123	2.22	4.50	-8.40	≤30.00	PASS
		5825	-14.499	2.22	4.06	-8.22	≤30.00	PASS
11N40SISO	Ant1	5190	-14.196	/	5.35	-8.85	≤11.00	PASS
		5230	-13.849	/	5.70	-8.15	≤11.00	PASS
		5755	-18.760	2.22	6.02	-10.52	≤30.00	PASS
		5795	-19.318	2.22	4.97	-12.13	≤30.00	PASS
11AC20SISO	Ant1	5180	-8.656	/	4.21	-4.45	≤11.00	PASS

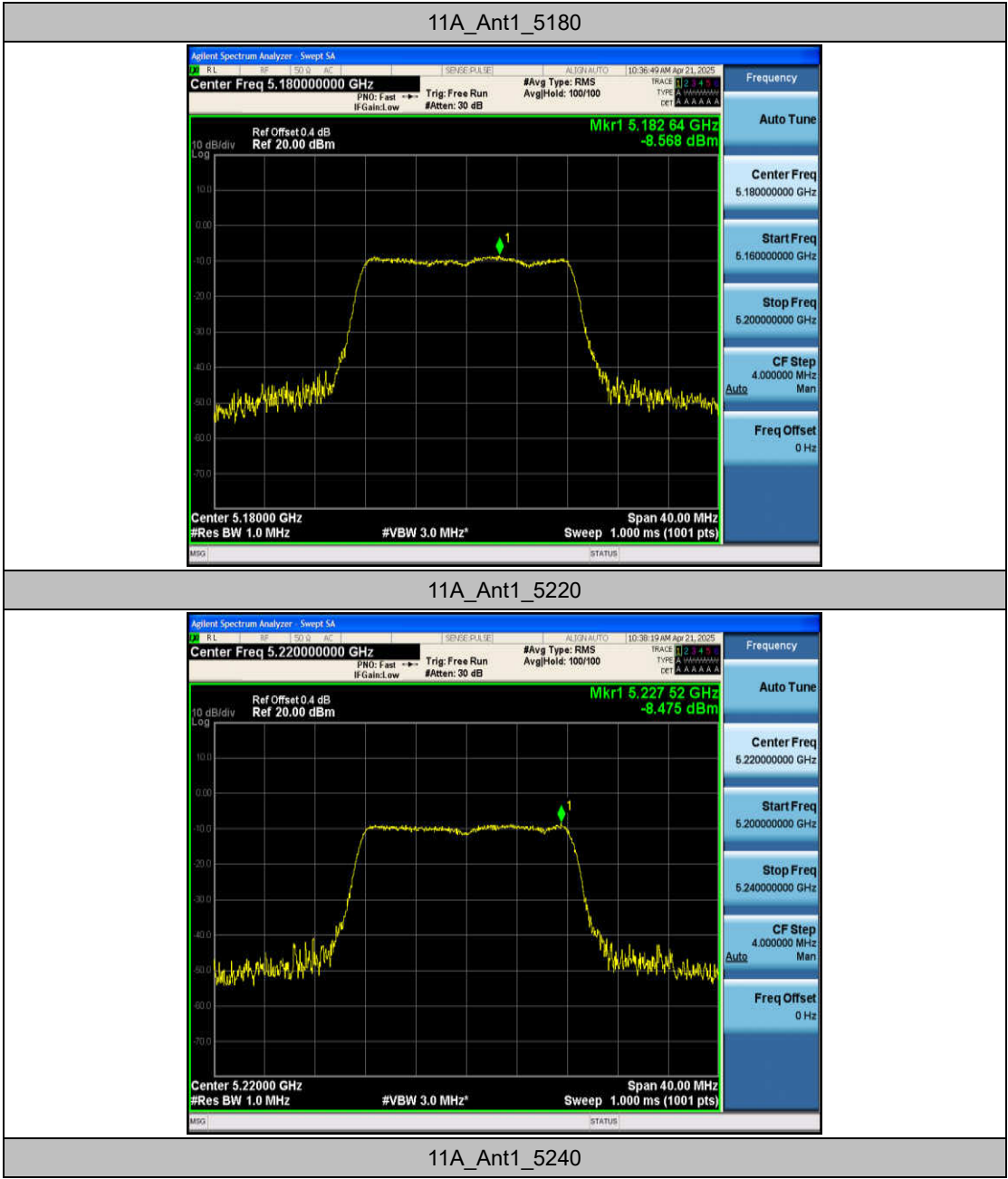
		5220	-8.854	/	3.01	-5.84	≤11.00	PASS
		5240	-7.970	/	3.83	-4.14	≤11.00	PASS
		5745	-14.484	2.22	4.39	-7.87	≤30.00	PASS
		5785	-14.948	2.22	3.83	-8.90	≤30.00	PASS
		5825	-14.861	2.22	4.52	-8.12	≤30.00	PASS
11AC40SISO	Ant1	5190	-13.745	/	4.95	-8.80	≤11.00	PASS
		5230	-13.668	/	5.74	-7.93	≤11.00	PASS
		5755	-18.765	2.22	5.59	-10.96	≤30.00	PASS
		5795	-19.266	2.22	4.95	-12.10	≤30.00	PASS
11AC80SISO	Ant1	5210	-17.791	/	6.02	-11.77	≤11.00	PASS
		5775	-22.998	2.22	6.20	-14.58	≤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 KHz /300 KHz) = 2.22 dB

Test Graphs





11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



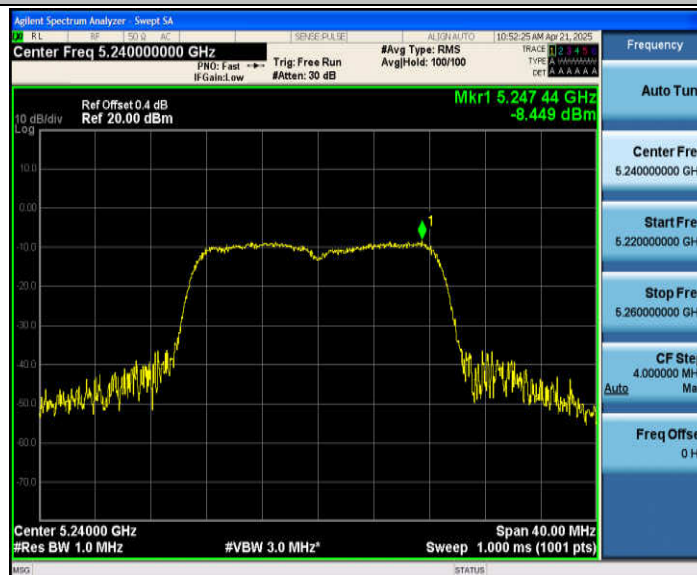
11N20SISO_Ant1_5180



11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



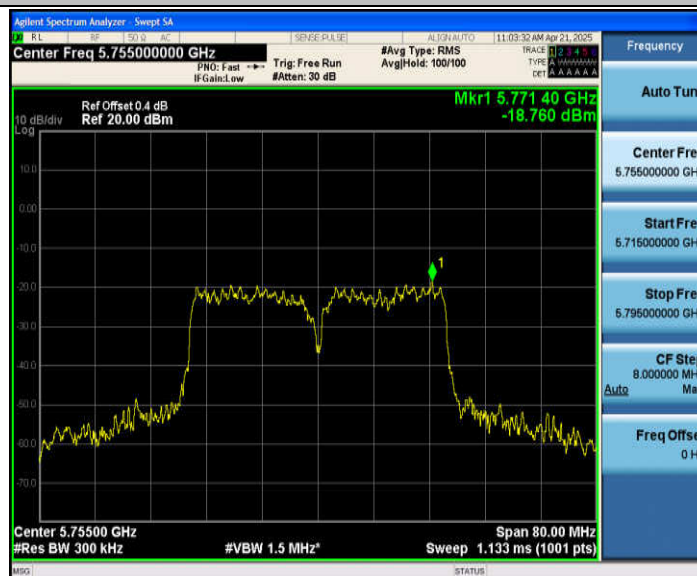
11N40SISO_Ant1_5190



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



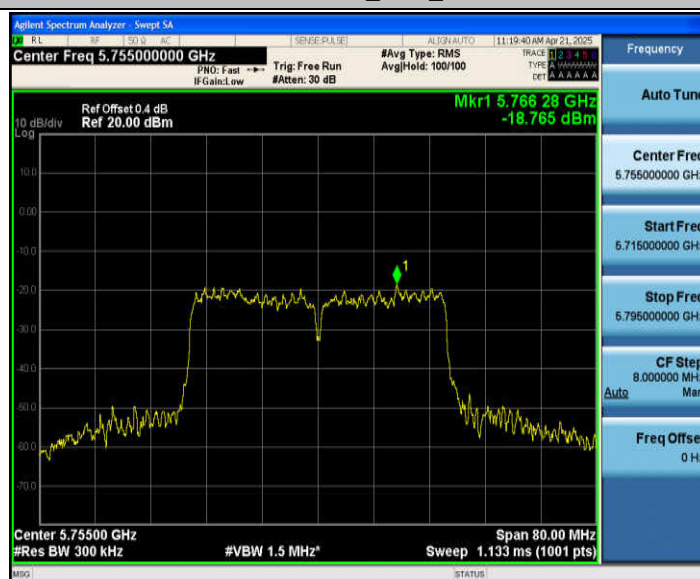
11AC40SISO_Ant1_5190



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	-40.24	≤-27	PASS
		High	5240	-50.24	≤-27	PASS
11N20SISO	Ant1	Low	5180	-40.73	≤-27	PASS
		High	5240	-50.23	≤-27	PASS
11N40SISO	Ant1	Low	5190	-40.28	≤-27	PASS
		High	5230	-49.79	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-42.28	≤-27	PASS
		High	5240	-49.75	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-43.21	≤-27	PASS
		High	5230	-49.64	≤-27	PASS
11AC80SISO	Ant1	Low	5210	-39.61	≤-27	PASS
		High	5210	-50.05	≤-27	PASS

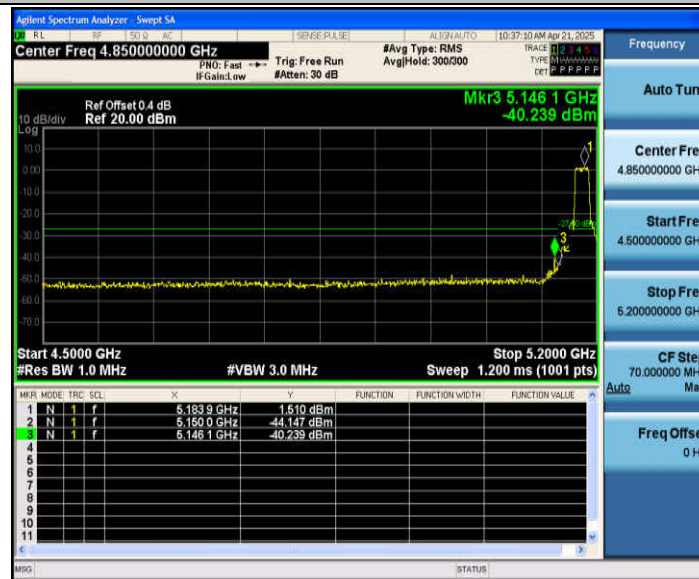
Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-52.45	≤-26.87	PASS
				5700~5720	-42.62	≤15.24	PASS
				5720~5725	-29.67	≤25.26	PASS
				5760~5650	-50.44	≤-27	PASS
		High	5825	5850~5855	-43.66	≤17.57	PASS
				5855~5875	-47.72	≤11.34	PASS
				5875~5925	-51.13	≤-26.61	PASS
				5925~5935	-49.83	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-51.42	≤-26.27	PASS
				5700~5720	-40.61	≤15.08	PASS
				5720~5725	-26.48	≤26.04	PASS
				5760~5650	-51.43	≤-27	PASS
		High	5825	5850~5855	-40.99	≤16.65	PASS
				5855~5875	-41.37	≤15.46	PASS
				5875~5925	-50.68	≤-26.91	PASS
				5925~5935	-49.62	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-52.89	≤-26.80	PASS
				5700~5720	-33.51	≤15.43	PASS
				5720~5725	-33.6	≤16.35	PASS
				5780~5650	-51.47	≤-27	PASS
		High	5795	5850~5855	-50.44	≤15.66	PASS

				5855~5875	-50.3	≤ 10.48	PASS
				5875~5925	-50.08	≤ -26.71	PASS
				5925~5935	-50.26	≤ -27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-50.41	≤ -26.36	PASS
				5700~5720	-41.46	≤ 15.34	PASS
				5720~5725	-36.77	≤ 18.18	PASS
				5760~5650	-51.22	≤ -27	PASS
		High	5825	5850~5855	-43.11	≤ 16.65	PASS
				5855~5875	-44.29	≤ 15.01	PASS
				5875~5925	-50.98	≤ -26.91	PASS
				5925~5935	-50.28	≤ -27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-51.76	≤ -26.20	PASS
				5700~5720	-34.88	≤ 15.47	PASS
				5720~5725	-34.54	≤ 16.35	PASS
				5780~5650	-50.22	≤ -27	PASS
		High	5795	5850~5855	-49.78	≤ 15.66	PASS
				5855~5875	-50.33	≤ 10.11	PASS
				5875~5925	-51.23	≤ -26.83	PASS
				5925~5935	-50.37	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-52.61	≤ -26.91	PASS
				5700~5720	-38.2	≤ 14.52	PASS
				5720~5725	-36.6	≤ 17.41	PASS
				5800~5650	-51.5	≤ -27	PASS
		High	5775	5850~5855	-46.18	≤ 19.64	PASS
				5855~5875	-48.74	≤ 10.29	PASS
				5875~5925	-49.48	≤ -25.64	PASS
				5925~5935	-50.37	≤ -27	PASS

Test Graphs B1

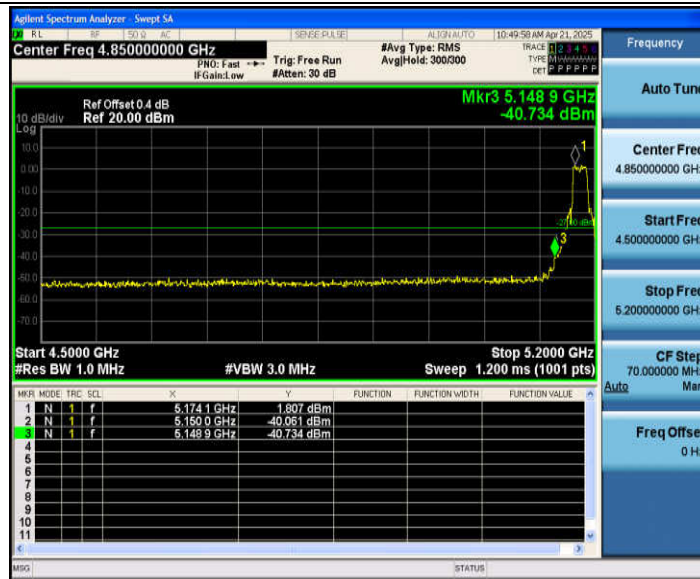
11A_Ant1_Low_5180



11A_Ant1_High_5240



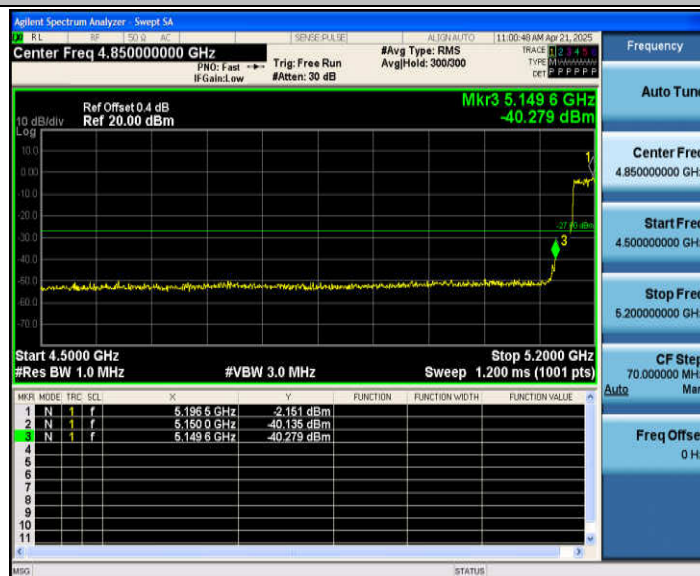
11N20SISO_Ant1_Low_5180



11N20SISO_Ant1_High_5240



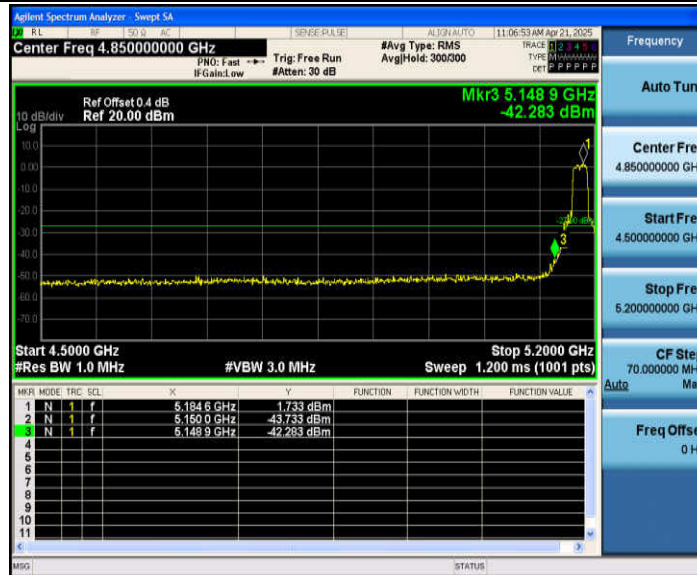
11N40SISO_Ant1_Low_5190



11N40SISO_Ant1_High_5230



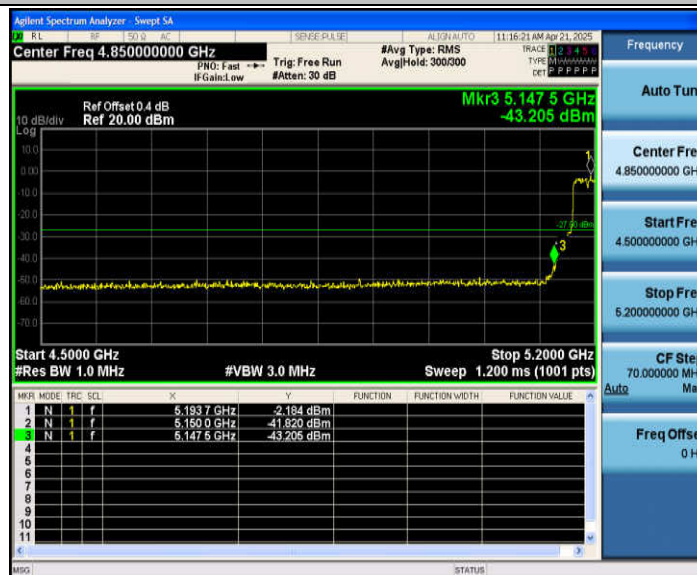
11AC20SISO_Ant1_Low_5180



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



11N20SISO_Ant1_High_5825



11N40SISO_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	3068.58	-61.56	≤-27	PASS
			5360~40000	26161.09	-51.48	≤-27	PASS
		5220	30~5140	2783.78	-62.16	≤-27	PASS
			5360~40000	26528.97	-52.34	≤-27	PASS
		5240	30~5140	2457.08	-60.29	≤-27	PASS
			5360~40000	26543.4	-51.92	≤-27	PASS
		5745	30~5650	3195.18	-62.04	≤-27	PASS
			5925~40000	26963.47	-51.97	≤-27	PASS
		5785	30~5650	3183.38	-61.09	≤-27	PASS
			5925~40000	26714.08	-52.48	≤-27	PASS
		5825	30~5650	3192.56	-61.78	≤-27	PASS
			5925~40000	25646.99	-52.02	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	3012.03	-62.09	≤-27	PASS
			5360~40000	25917.28	-52.75	≤-27	PASS
		5220	30~5140	3153.57	-61.63	≤-27	PASS
			5360~40000	26582.35	-52.66	≤-27	PASS
		5240	30~5140	3024.97	-62.6	≤-27	PASS
			5360~40000	26145.94	-52.62	≤-27	PASS
		5745	30~5650	3248.76	-62.6	≤-27	PASS
			5925~40000	25772.73	-51.77	≤-27	PASS
		5785	30~5650	3234.15	-61.98	≤-27	PASS
			5925~40000	26188.61	-51.91	≤-27	PASS
		5825	30~5650	5178.11	-59.25	≤-27	PASS
			5925~40000	26164.03	-51.53	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	3155.62	-61.57	≤-27	PASS
			5360~40000	26987.74	-51.63	≤-27	PASS
		5230	30~5140	3181.51	-61.43	≤-27	PASS
			5360~40000	26591.73	-51.72	≤-27	PASS
		5755	30~5650	3190.13	-61.23	≤-27	PASS
			5925~40000	26771.69	-51	≤-27	PASS
		5795	30~5650	3170.46	-62.18	≤-27	PASS
			5925~40000	25668.76	-52.5	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	2532.54	-62	≤-27	PASS
			5360~40000	26583.07	-52.05	≤-27	PASS
		5220	30~5140	3174.52	-61.79	≤-27	PASS
			5360~40000	26706.42	-52.34	≤-27	PASS
		5240	30~5140	3162.09	-62.45	≤-27	PASS

			5360~40000	26196.43	-52.26	≤-27	PASS
		5745	30~5650	3195.93	-62.66	≤-27	PASS
			5925~40000	26912.89	-51.45	≤-27	PASS
		5785	30~5650	3019.65	-61.89	≤-27	PASS
			5925~40000	25661.74	-52.05	≤-27	PASS
		5825	30~5650	2730.78	-61.81	≤-27	PASS
			5925~40000	25768.52	-52.18	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	3003.34	-61.09	≤-27	PASS
			5360~40000	26515.99	-52.46	≤-27	PASS
		5230	30~5140	2997.21	-61.56	≤-27	PASS
			5360~40000	26045.68	-52.31	≤-27	PASS
		5755	30~5650	3169.71	-60.86	≤-27	PASS
			5925~40000	26959.26	-52.84	≤-27	PASS
		5795	30~5650	5179.61	-58.64	≤-27	PASS
			5925~40000	26187.21	-52.58	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	2640.19	-62.56	≤-27	PASS
			5360~40000	26791.53	-52.21	≤-27	PASS
		5775	30~5650	2683.95	-61.29	≤-27	PASS
			5925~40000	26512.47	-52.44	≤-27	PASS

Test Graphs

