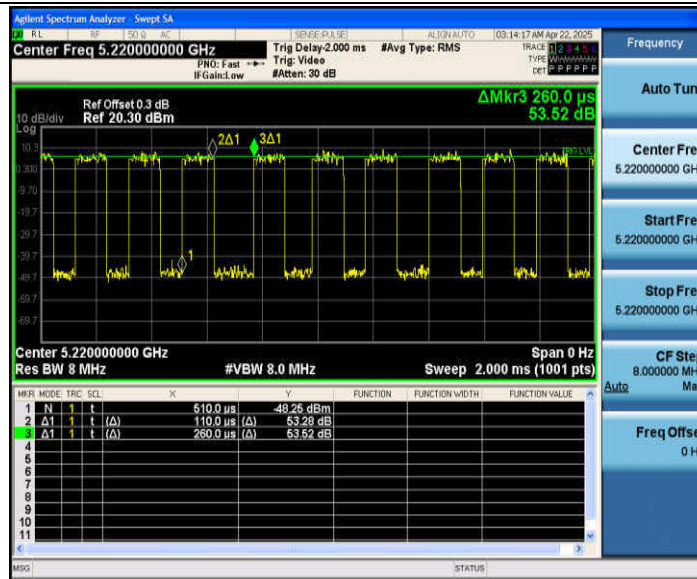
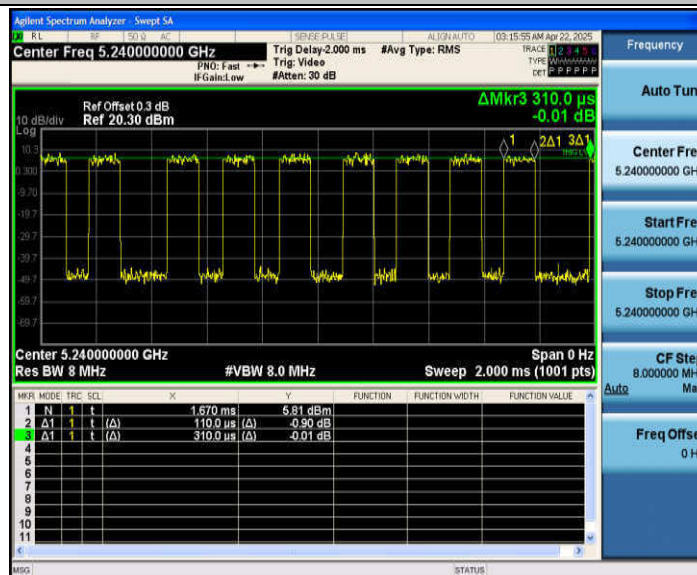
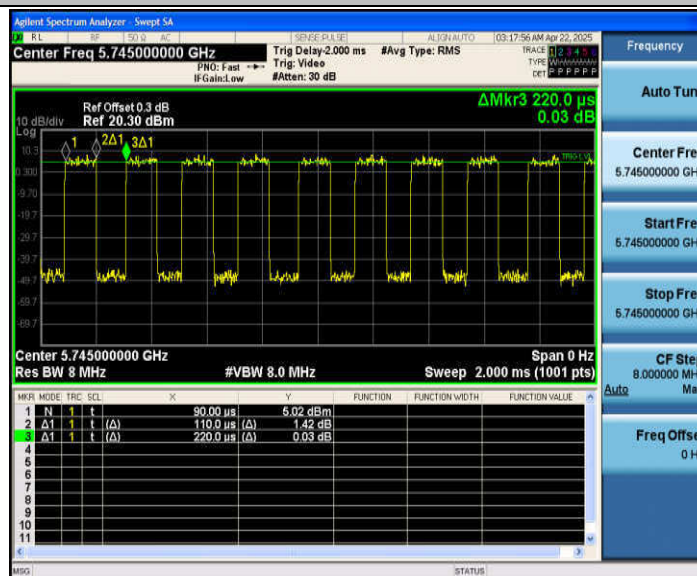




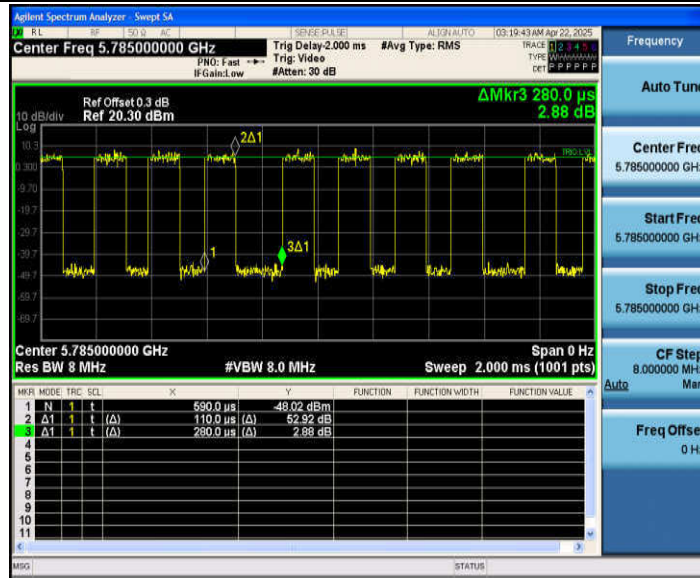
11N20SISO_Ant1_5240



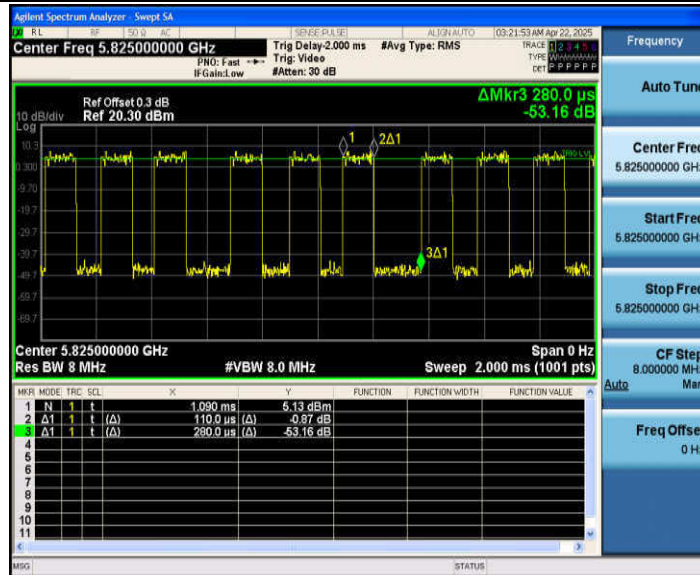
11N20SISO_Ant1_5745



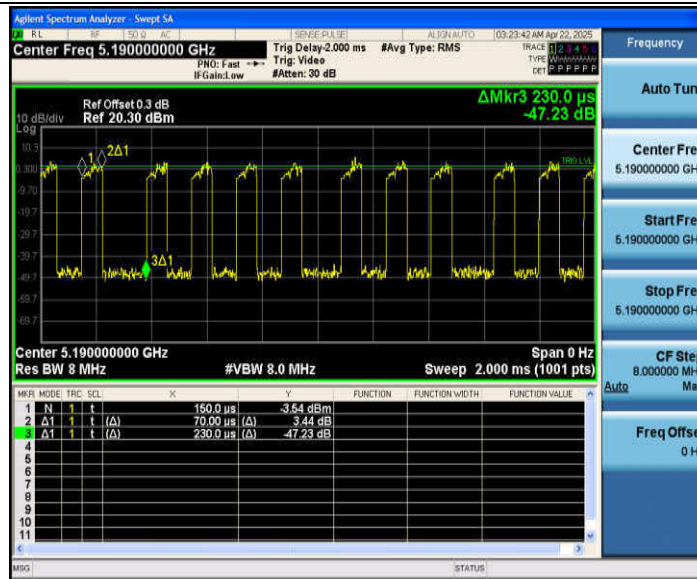
11N20SISO_Ant1_5785



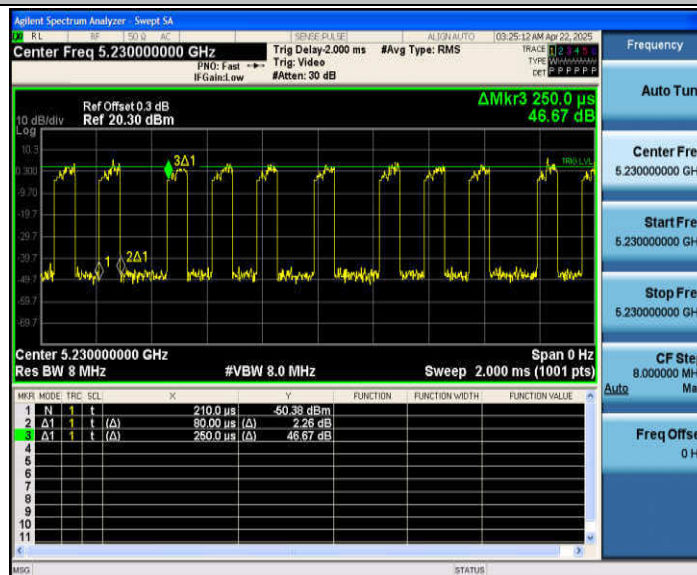
11N20SISO_Ant1_5825



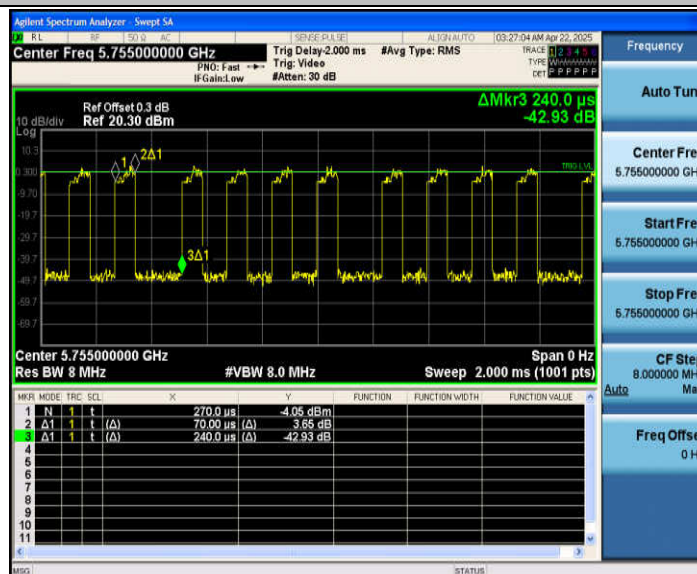
11N40SISO_Ant1_5190



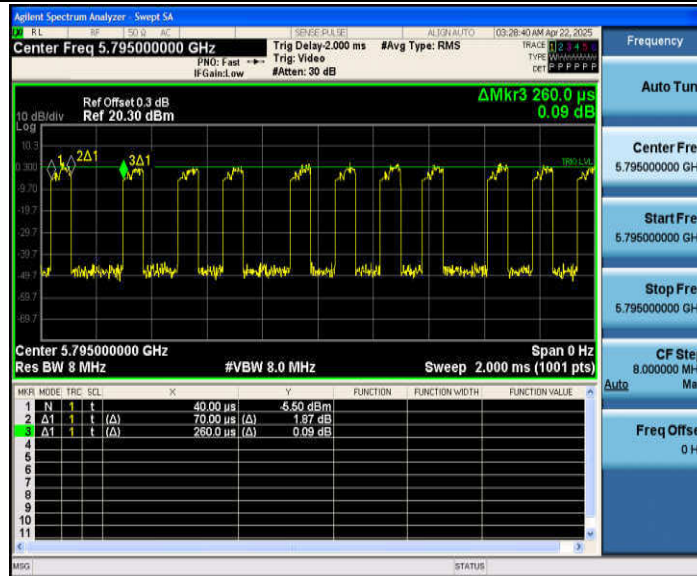
11N40SISO_Ant1_5230



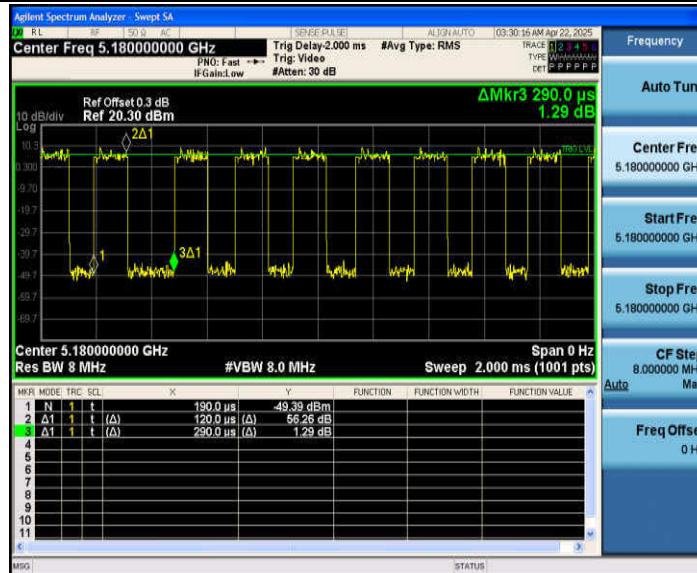
11N40SISO_Ant1_5755



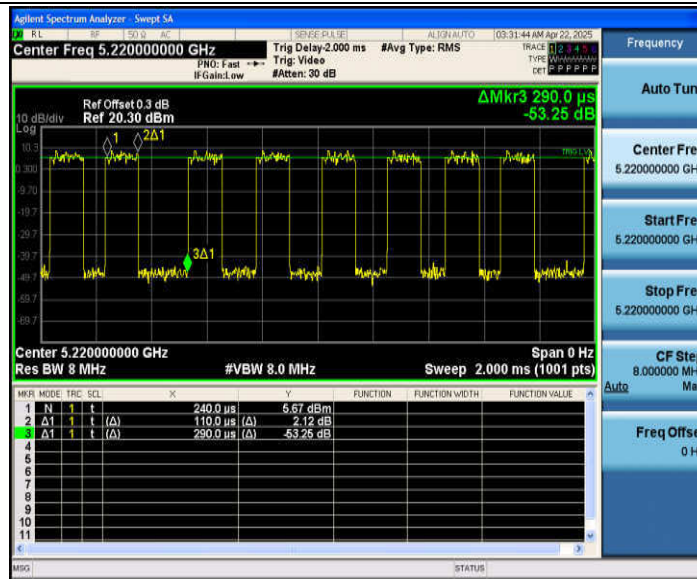
11N40SISO_Ant1_5795



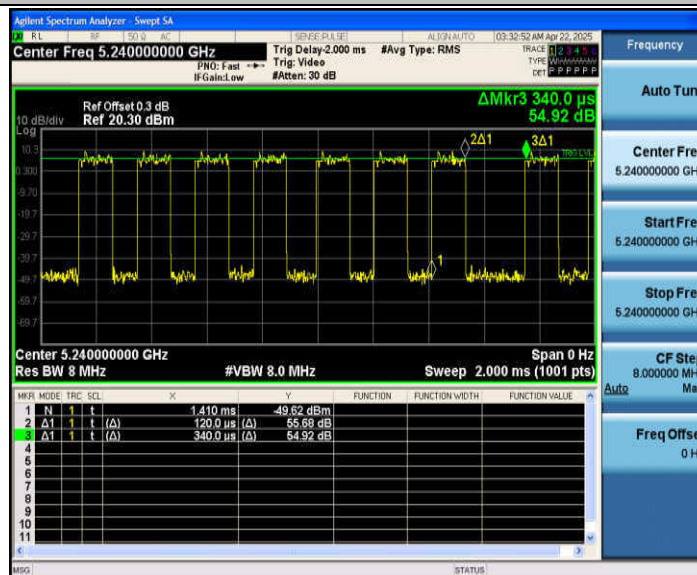
11AC20SISO_Ant1_5180



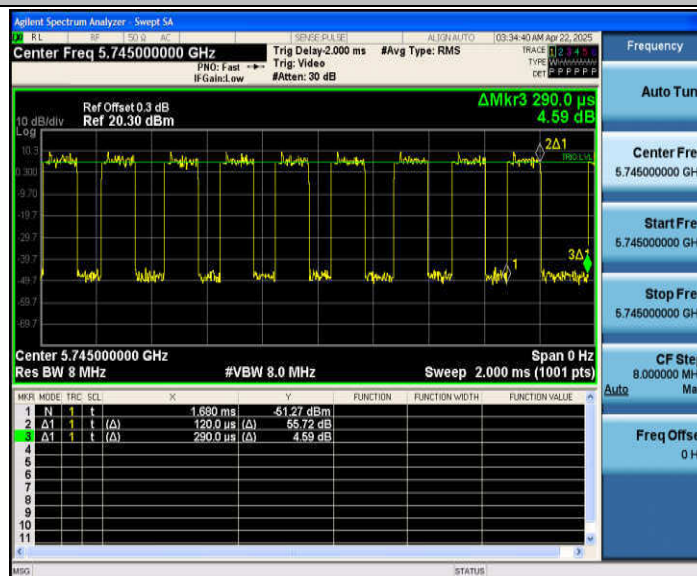
11AC20SISO_Ant1_5220



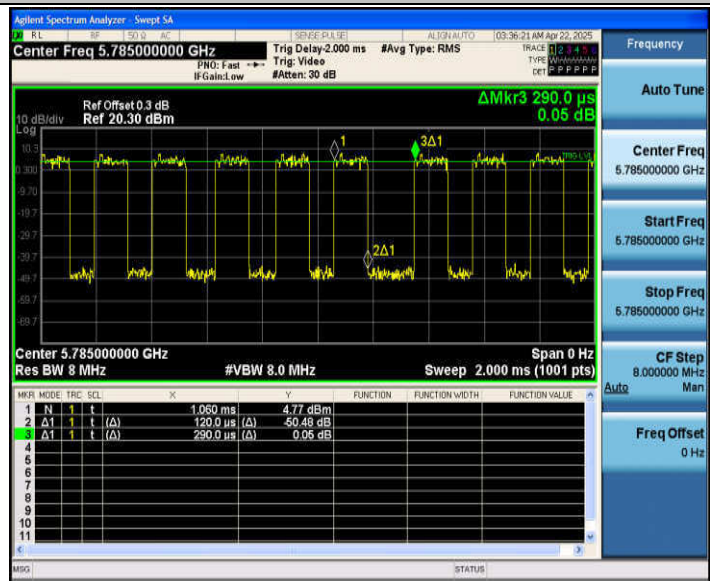
11AC20SISO_Ant1_5240



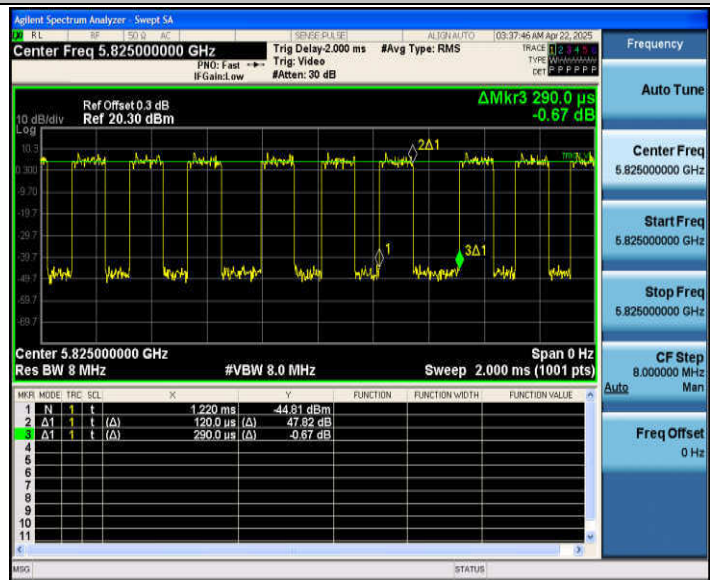
11AC20SISO_Ant1_5745



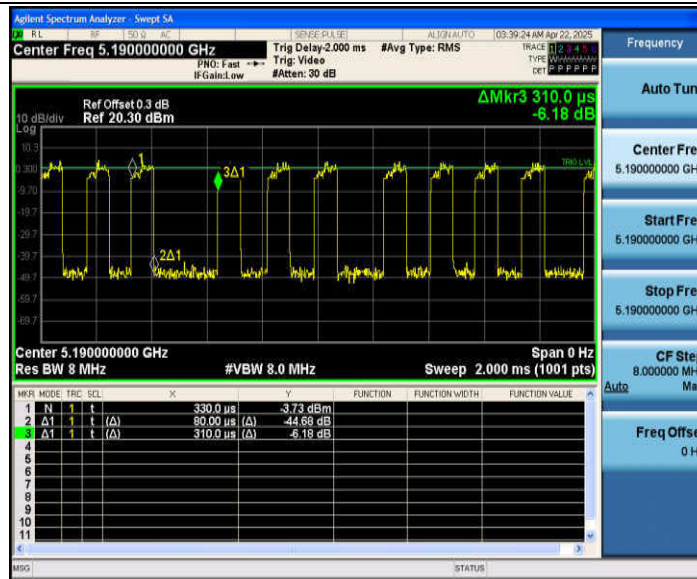
11AC20SISO_Ant1_5785



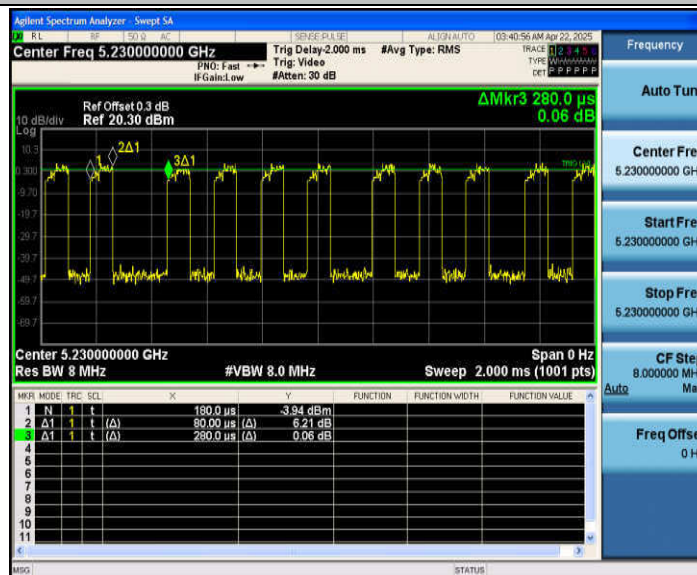
11AC20SISO_Ant1_5825



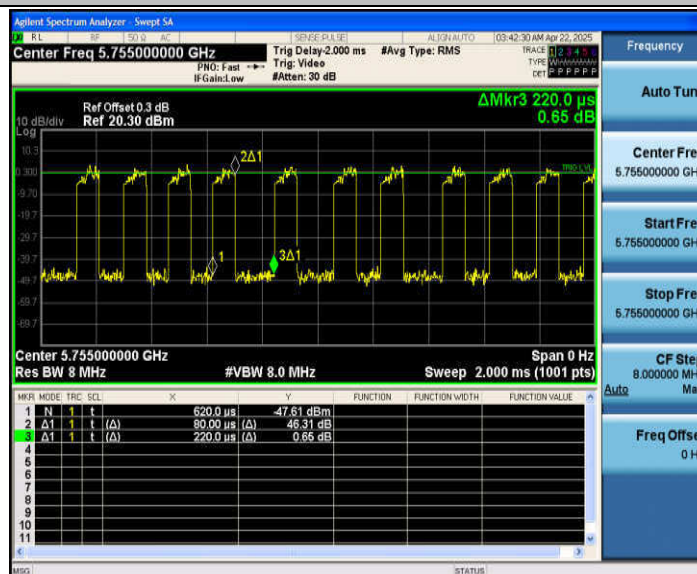
11AC40SISO_Ant1_5190



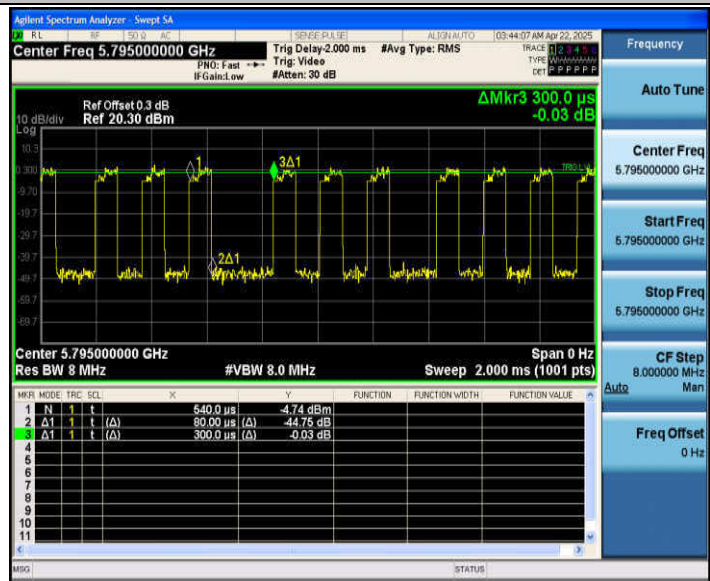
11AC40SISO_Ant1_5230



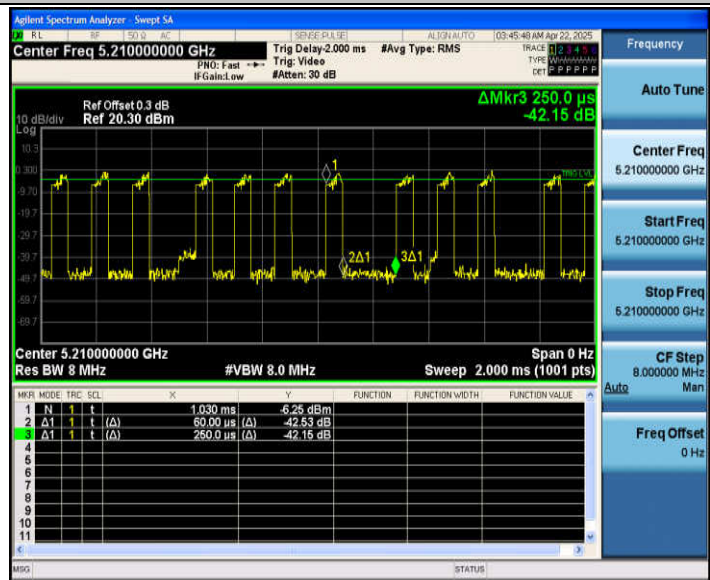
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

Appendix C: Maximum conducted output power

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	-1.76	40.00	3.98	2.22	≤23.98	PASS
		5220	-1.12	48.00	3.19	2.07	≤23.98	PASS
		5240	-1.23	37.93	4.21	2.98	≤23.98	PASS
		5745	-1.76	39.29	4.06	2.3	≤30.00	PASS
		5785	-1.06	47.83	3.20	2.14	≤30.00	PASS
		5825	-1.15	37.93	4.21	3.06	≤30.00	PASS
11N20SI SO	Ant1	5180	-1.75	40.74	3.90	2.15	≤23.98	PASS
		5220	-1.69	42.31	3.74	2.05	≤23.98	PASS
		5240	-1.22	35.48	4.50	3.28	≤23.98	PASS
		5745	-1.78	50.00	3.01	1.23	≤30.00	PASS
		5785	-1.08	39.29	4.06	2.98	≤30.00	PASS
		5825	-1.19	39.29	4.06	2.87	≤30.00	PASS
11N40SI SO	Ant1	5190	-1.90	30.43	5.17	3.27	≤23.98	PASS
		5230	-1.47	32.00	4.95	3.48	≤23.98	PASS
		5755	-2.10	29.17	5.35	3.25	≤30.00	PASS
		5795	-2.69	26.92	5.70	3.01	≤30.00	PASS
11AC20S ISO	Ant1	5180	-1.88	41.38	3.83	1.95	≤23.98	PASS
		5220	-1.15	37.93	4.21	3.06	≤23.98	PASS
		5240	-1.27	35.29	4.52	3.25	≤23.98	PASS
		5745	-1.89	41.38	3.83	1.94	≤30.00	PASS
		5785	-1.57	41.38	3.83	2.26	≤30.00	PASS
		5825	-1.61	41.38	3.83	2.22	≤30.00	PASS
11AC40S ISO	Ant1	5190	-1.72	25.81	5.88	4.16	≤23.98	PASS
		5230	-1.46	28.57	5.44	3.98	≤23.98	PASS
		5755	-1.79	36.36	4.39	2.6	≤30.00	PASS
		5795	-2.51	26.67	5.74	3.23	≤30.00	PASS
11AC80S ISO	Ant1	5210	-2.72	24.00	6.20	3.48	≤23.98	PASS
		5775	-3.05	23.08	6.37	3.32	≤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/MHz] For 5.8G	
11A	Ant1	5180	-9.722	/	3.98	-5.74	≤11.00	PASS
		5220	-9.477	/	3.19	-6.29	≤11.00	PASS
		5240	-9.506	/	4.21	-5.30	≤11.00	PASS
		5745	-14.364	2.22	4.06	-8.08	≤30.00	PASS
		5785	-15.333	2.22	3.20	-9.91	≤30.00	PASS
		5825	-15.358	2.22	4.21	-8.93	≤30.00	PASS
11N20SISO	Ant1	5180	-10.150	/	3.90	-6.25	≤11.00	PASS
		5220	-9.722	/	3.74	-5.98	≤11.00	PASS
		5240	-9.670	/	4.50	-5.17	≤11.00	PASS
		5745	-14.236	2.22	3.01	-9.01	≤30.00	PASS
		5785	-14.802	2.22	4.06	-8.52	≤30.00	PASS
		5825	-15.079	2.22	4.06	-8.80	≤30.00	PASS
11N40SISO	Ant1	5190	-15.336	/	5.17	-10.17	≤11.00	PASS
		5230	-14.583	/	4.95	-9.63	≤11.00	PASS
		5755	-18.858	2.22	5.35	-11.29	≤30.00	PASS
		5795	-19.208	2.22	5.70	-11.29	≤30.00	PASS
11AC20SISO	Ant1	5180	-9.605	/	3.83	-5.78	≤11.00	PASS

		5220	-9.578	/	4.21	-5.37	≤11.00	PASS
		5240	-9.522	/	4.52	-5.00	≤11.00	PASS
		5745	-14.621	2.22	3.83	-8.57	≤30.00	PASS
		5785	-15.017	2.22	3.83	-8.97	≤30.00	PASS
		5825	-15.278	2.22	3.83	-9.23	≤30.00	PASS
11AC40SISO	Ant1	5190	-14.371	/	5.88	-8.49	≤11.00	PASS
		5230	-14.531	/	5.44	-9.09	≤11.00	PASS
		5755	-19.038	2.22	4.39	-12.43	≤30.00	PASS
		5795	-19.646	2.22	5.74	-11.69	≤30.00	PASS
11AC80SISO	Ant1	5210	-18.473	/	6.20	-12.27	≤11.00	PASS
		5775	-23.233	2.22	6.37	-14.64	≤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_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



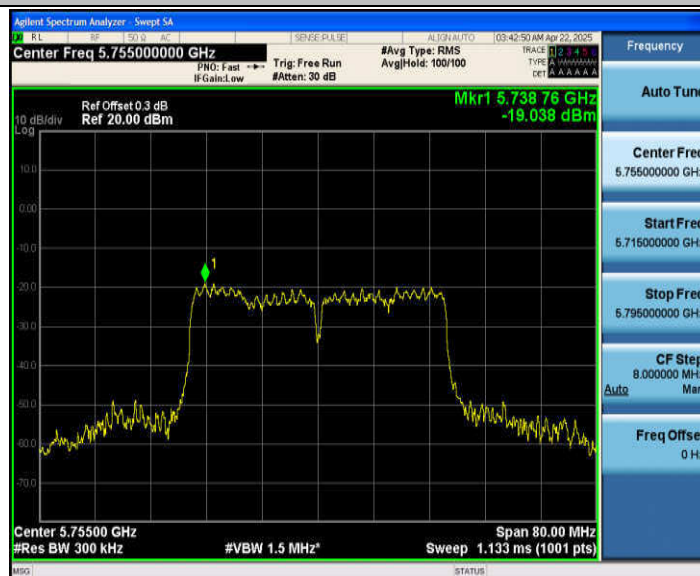
11AC40SISO_Ant1_5190



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	-45.08	≤-27	PASS
		High	5240	-50.5	≤-27	PASS
11N20SISO	Ant1	Low	5180	-43.02	≤-27	PASS
		High	5240	-48.58	≤-27	PASS
11N40SISO	Ant1	Low	5190	-38.72	≤-27	PASS
		High	5230	-48.85	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-45.31	≤-27	PASS
		High	5240	-49.93	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-43.07	≤-27	PASS
		High	5230	-50.11	≤-27	PASS
11AC80SISO	Ant1	Low	5210	-40.41	≤-27	PASS
		High	5210	-50.73	≤-27	PASS

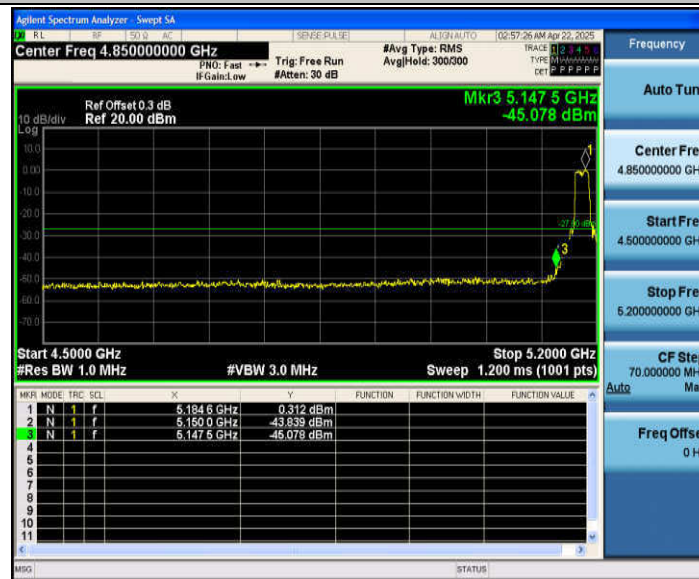
Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-51.47	≤-26.96	PASS
				5700~5720	-40.71	≤15.47	PASS
				5720~5725	-29.96	≤24.99	PASS
				5760~5650	-51.77	≤-27	PASS
		High	5825	5850~5855	-43.7	≤17.26	PASS
				5855~5875	-46.1	≤13.80	PASS
				5875~5925	-49.26	≤-25.21	PASS
				5925~5935	-50.7	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-52.05	≤-26.87	PASS
				5700~5720	-41.33	≤15.43	PASS
				5720~5725	-28.42	≤24.21	PASS
				5760~5650	-51.25	≤-27	PASS
		High	5825	5850~5855	-42.48	≤16.03	PASS
				5855~5875	-43.44	≤15.24	PASS
				5875~5925	-51.49	≤-26.91	PASS
				5925~5935	-50.13	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-52.43	≤-26.90	PASS
				5700~5720	-33.87	≤15.50	PASS
				5720~5725	-34.04	≤15.74	PASS
				5780~5650	-51.61	≤-27	PASS
		High	5795	5850~5855	-50.48	≤15.66	PASS

				5855~5875	-49.95	≤ 10.80	PASS
				5875~5925	-51.07	≤ -26.83	PASS
				5925~5935	-50.09	≤ -27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-50.57	≤ -26.45	PASS
				5700~5720	-41.92	≤ 15.56	PASS
				5720~5725	-37.4	≤ 17.39	PASS
				5760~5650	-51.31	≤ -27	PASS
		High	5825	5850~5855	-43.34	≤ 16.65	PASS
				5855~5875	-44.31	≤ 15.20	PASS
				5875~5925	-51.18	≤ -26.91	PASS
				5925~5935	-50.33	≤ -27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-52.44	≤ -26.90	PASS
				5700~5720	-35.15	≤ 15.50	PASS
				5720~5725	-33.92	≤ 16.66	PASS
				5780~5650	-51.86	≤ -27	PASS
		High	5795	5850~5855	-50.4	≤ 16.41	PASS
				5855~5875	-49.92	≤ 10.71	PASS
				5875~5925	-51.59	≤ -26.95	PASS
				5925~5935	-50.67	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-49.72	≤ -26.00	PASS
				5700~5720	-38.29	≤ 14.56	PASS
				5720~5725	-37.52	≤ 17.41	PASS
				5800~5650	-51.35	≤ -27	PASS
		High	5775	5850~5855	-50.65	≤ 15.84	PASS
				5855~5875	-50.62	≤ 10.29	PASS
				5875~5925	-50.61	≤ -26.60	PASS
				5925~5935	-50.36	≤ -27	PASS

Test Graphs B1

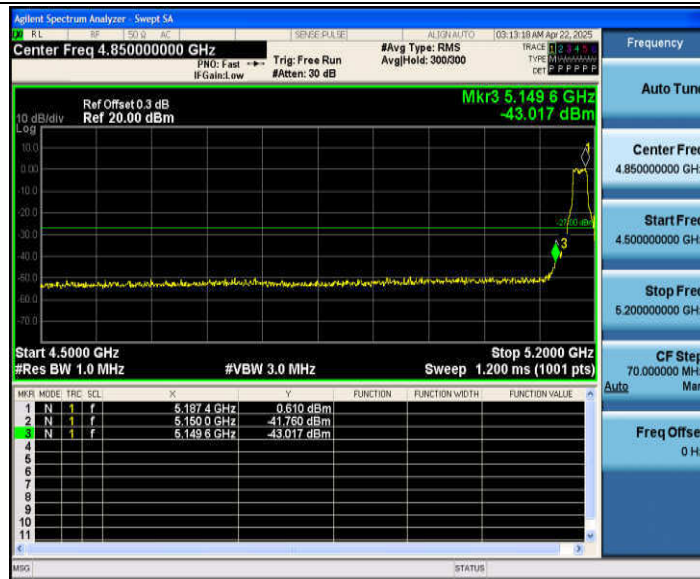
11A_Ant1_Low_5180



11A_Ant1_High_5240



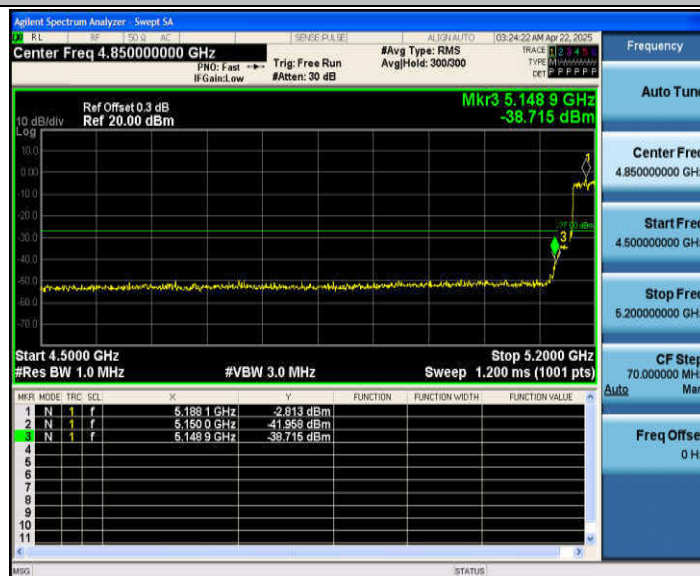
11N20SISO_Ant1_Low_5180



11N20ISO_Ant1_High_5240



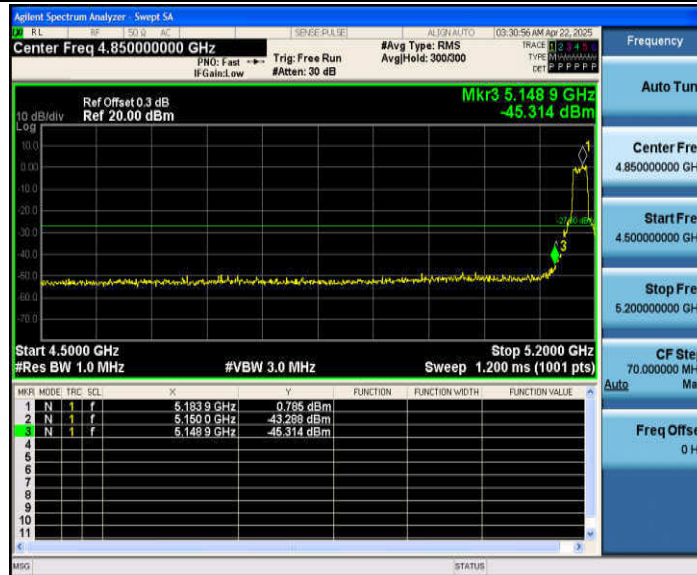
11N40ISO_Ant1_Low_5190



11N40SISO_Ant1_High_5230



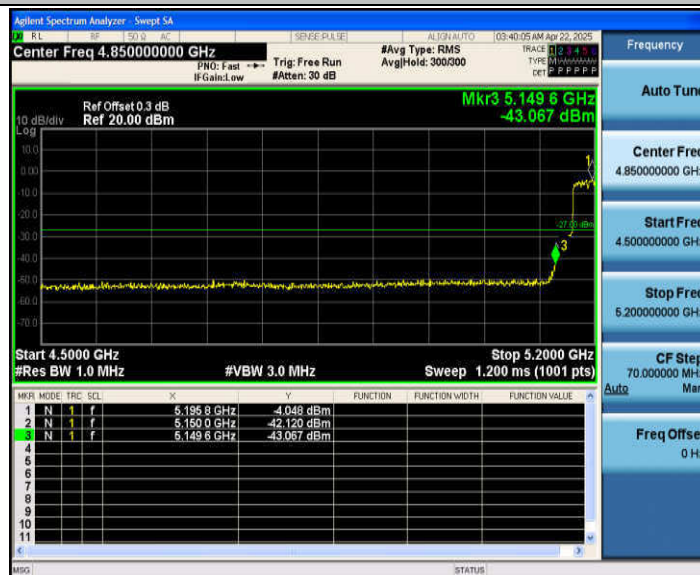
11AC20SISO_Ant1_Low_5180



11AC20SISO_Ant1_High_5240



11AC40SISO_Ant1_Low_5190



11AC40SISO_Ant1_High_5230



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

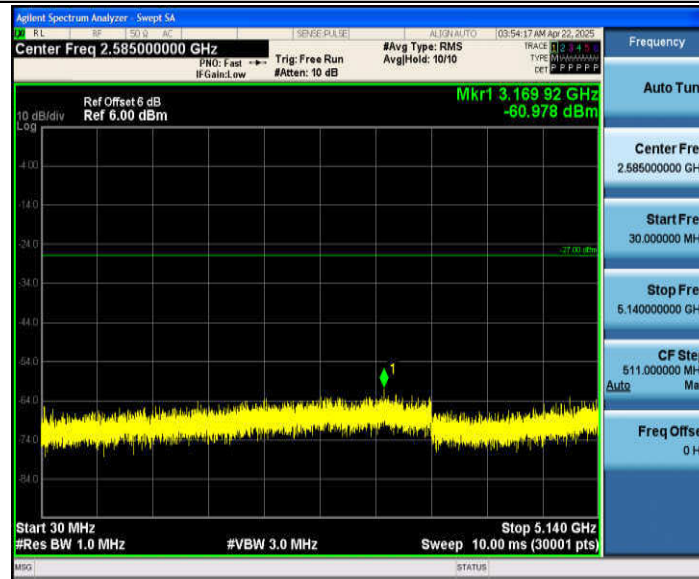
Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	3169.92	-60.98	≤-27	PASS
			5360~40000	26911.28	-51.61	≤-27	PASS
		5220	30~5140	3020.88	-61.05	≤-27	PASS
			5360~40000	25760.75	-51.52	≤-27	PASS
		5240	30~5140	2689.07	-62.17	≤-27	PASS
			5360~40000	25256.54	-52.28	≤-27	PASS
		5745	30~5650	3318.07	-61.79	≤-27	PASS
			5925~40000	26141.55	-51.93	≤-27	PASS
		5785	30~5650	2989.68	-60.45	≤-27	PASS
			5925~40000	26770.28	-52.77	≤-27	PASS
		5825	30~5650	2775.56	-61.88	≤-27	PASS
			5925~40000	25498.76	-52.15	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	3443.48	-62.37	≤-27	PASS
			5360~40000	25661.21	-52.38	≤-27	PASS
		5220	30~5140	3226.82	-61.6	≤-27	PASS
			5360~40000	26934.36	-51.01	≤-27	PASS
		5240	30~5140	3205.35	-61.35	≤-27	PASS
			5360~40000	26712.19	-52.27	≤-27	PASS
		5745	30~5650	3407.25	-62.34	≤-27	PASS
			5925~40000	26169.65	-52.32	≤-27	PASS
		5785	30~5650	2681.89	-61.77	≤-27	PASS
			5925~40000	25464.34	-52.57	≤-27	PASS
		5825	30~5650	3195.75	-61.43	≤-27	PASS
			5925~40000	26540.57	-52.95	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	3123.93	-62.33	≤-27	PASS
			5360~40000	25716.75	-52.13	≤-27	PASS
		5230	30~5140	3193.26	-61.97	≤-27	PASS
			5360~40000	25239.95	-51.6	≤-27	PASS
		5755	30~5650	5177.73	-56.96	≤-27	PASS
			5925~40000	25667.36	-50.97	≤-27	PASS
		5795	30~5650	5177.92	-54.41	≤-27	PASS
			5925~40000	25462.23	-52.83	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	2993.29	-62.19	≤-27	PASS
			5360~40000	25671.3	-52.7	≤-27	PASS
		5220	30~5140	2875.59	-61.99	≤-27	PASS
			5360~40000	26705.7	-52.37	≤-27	PASS
		5240	30~5140	2645.47	-61.01	≤-27	PASS
			5360~40000	2645.47	-61.01	≤-27	PASS

			5360~40000	26076.69	-52.33	≤-27	PASS
		5745	30~5650	3293.53	-61.28	≤-27	PASS
			5925~40000	26905.16	-52.22	≤-27	PASS
		5785	30~5650	2635.81	-61.36	≤-27	PASS
			5925~40000	26099.4	-52.19	≤-27	PASS
		5825	30~5650	3053.19	-61.31	≤-27	PASS
			5925~40000	26591.85	-51.61	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	3207.74	-62.41	≤-27	PASS
			5360~40000	26750.42	-52.43	≤-27	PASS
		5230	30~5140	3018.33	-61.5	≤-27	PASS
			5360~40000	25272.41	-52.12	≤-27	PASS
		5755	30~5650	5195.72	-61.46	≤-27	PASS
			5925~40000	26216.71	-51.88	≤-27	PASS
		5795	30~5650	5179.04	-57.15	≤-27	PASS
			5925~40000	26997.19	-51.99	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	2467.13	-60.03	≤-27	PASS
			5360~40000	26676.84	-51.8	≤-27	PASS
		5775	30~5650	2463.27	-62.46	≤-27	PASS
			5925~40000	26551.81	-52.31	≤-27	PASS

Test Graphs

11A_Ant1_5180_30~5140



11A_Ant1_5180_5360~40000



11A_Ant1_5220_30~5140