

Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	5138.81	-52.3	≤-27	PASS
			5360~40000	25563.1	-44.94	≤-27	PASS
		5200	30~5140	2436.13	-41.94	≤-27	PASS
			5360~40000	25938.92	-44.79	≤-27	PASS
		5240	30~5140	893.42	-40.01	≤-27	PASS
			5360~40000	26113.48	-45.3	≤-27	PASS
		5745	30~5650	2480.88	-49.68	≤-27	PASS
			5925~40000	25402.52	-45.62	≤-27	PASS
		5785	30~5650	2481.07	-51.9	≤-27	PASS
			5925~40000	25562.69	-45.56	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	1729.25	-47.45	≤-27	PASS
			5360~40000	25622.97	-44.6	≤-27	PASS
		5200	30~5140	1717.83	-42.95	≤-27	PASS
			5360~40000	25607.83	-45.79	≤-27	PASS
		5240	30~5140	2525.89	-44.49	≤-27	PASS
			5360~40000	25534.97	-45.22	≤-27	PASS
		5745	30~5650	911.22	-29.18	≤-27	PASS
			5925~40000	25497.35	-44.42	≤-27	PASS
		5785	30~5650	890.23	-47.96	≤-27	PASS
			5925~40000	25502.27	-45.15	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5137.1	-38.14	≤-27	PASS
			5360~40000	25566.71	-45.39	≤-27	PASS
		5230	30~5140	2525.38	-47.71	≤-27	PASS
			5360~40000	26236.11	-45.11	≤-27	PASS
		5755	30~5650	2426.74	-44.12	≤-27	PASS
			5925~40000	25991.91	-45.59	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	2426.08	-50.25	≤-27	PASS
			5360~40000	24766.75	-44.93	≤-27	PASS
		5200	30~5140	2521.81	-45.54	≤-27	PASS
			5360~40000	25524.15	-45.59	≤-27	PASS

		5240	30~5140	2402.23	-46.01	≤ -27	PASS
			5360~40000	25964.17	-44.64	≤ -27	PASS
		5745	30~5650	1717.5	-36.76	≤ -27	PASS
			5925~40000	25527.56	-45.55	≤ -27	PASS
		5785	30~5650	893.42	-46.02	≤ -27	PASS
			5925~40000	25536.69	-45.35	≤ -27	PASS
		5825	30~5650	2435.36	-36.44	≤ -27	PASS
			5925~40000	25488.22	-44.99	≤ -27	PASS
11AC40SISO	Ant1	5190	30~5140	1711.53	-38.61	≤ -27	PASS
			5360~40000	25595.56	-45.13	≤ -27	PASS
		5230	30~5140	2437.15	-45.37	≤ -27	PASS
			5360~40000	25478.71	-45.53	≤ -27	PASS
		5755	30~5650	2480.69	-38.35	≤ -27	PASS
			5925~40000	25527.56	-45.49	≤ -27	PASS
		5795	30~5650	2480.88	-47.53	≤ -27	PASS
			5925~40000	25521.94	-45.79	≤ -27	PASS
11AC80SISO	Ant1	5210	30~5140	5135.57	-29.87	≤ -27	PASS
			5360~40000	25582.58	-44.83	≤ -27	PASS
		5775	30~5650	2438.73	-38.21	≤ -27	PASS
			5925~40000	5925	-37.98	≤ -27	PASS

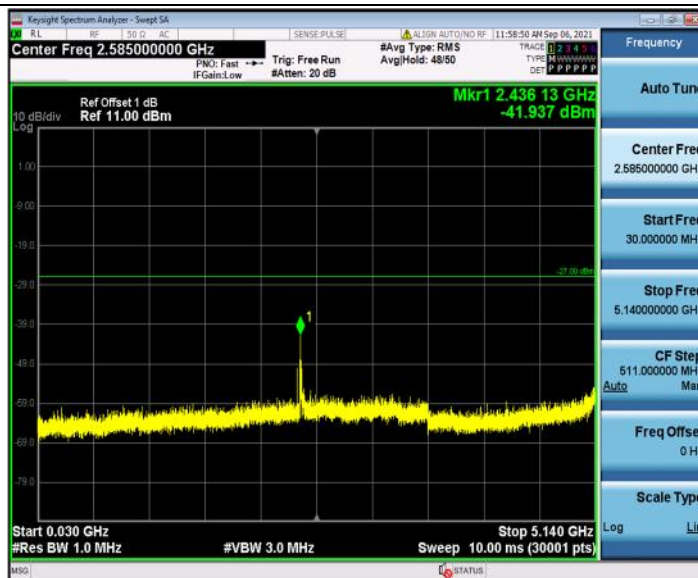
Test Graphs



11A_Ant1_5180_30~5140



11A_Ant1_5180_5360~40000



11A_Ant1_5200_30~5140



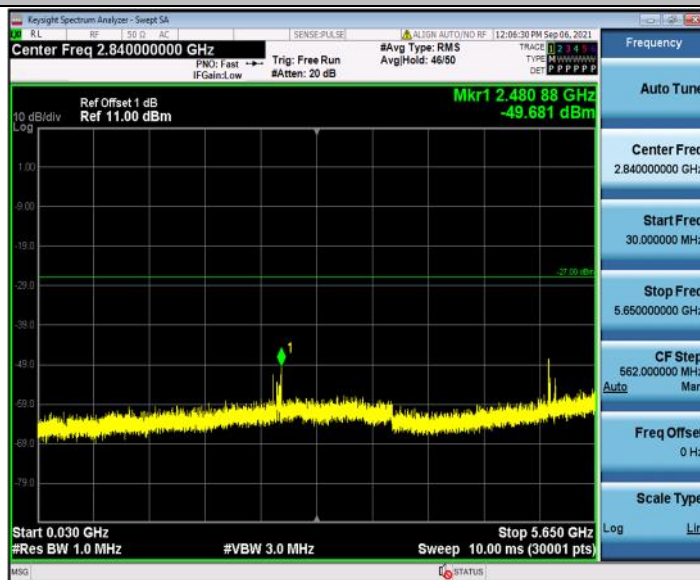
11A_Ant1_5200_5360~40000



11A_Ant1_5240_30~5140



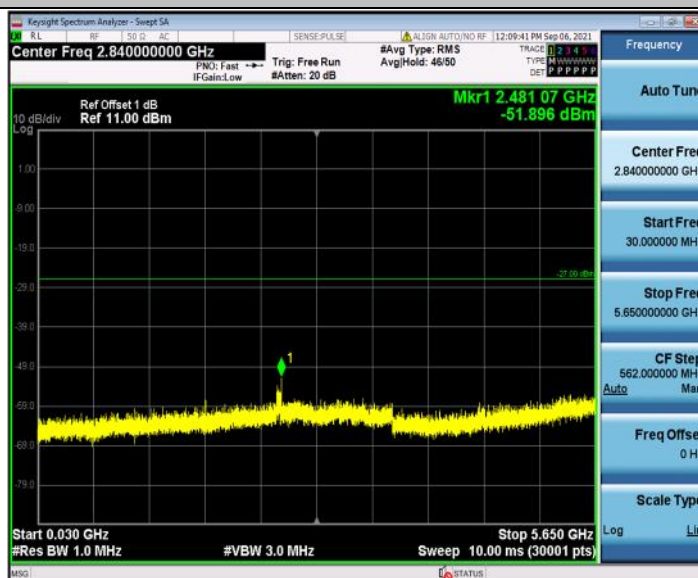
11A_Ant1_5240_5360~40000



11A_Ant1_5745_30~5650



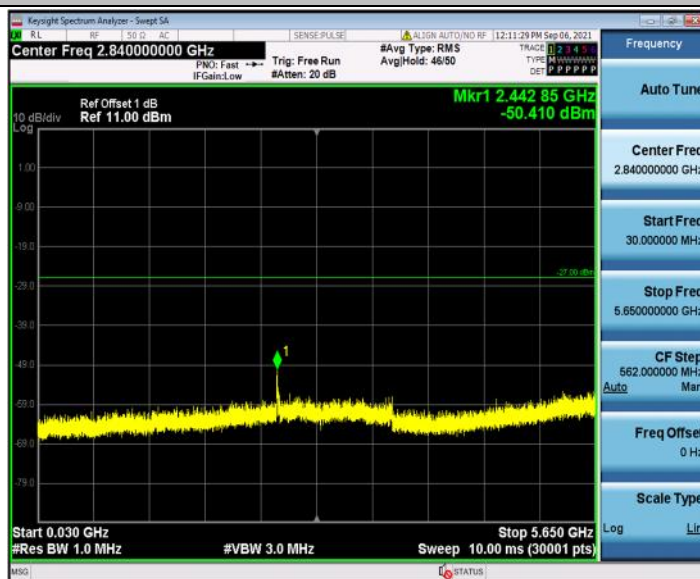
11A_Ant1_5745_5925~40000



11A_Ant1_5785_30~5650



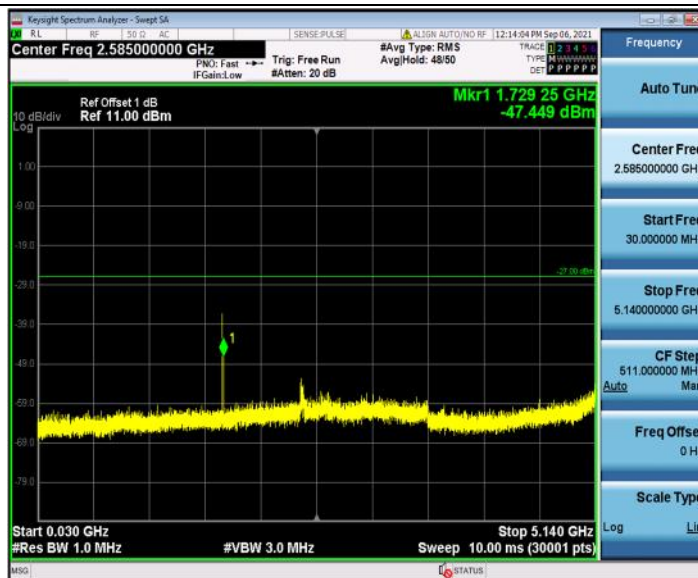
11A_Ant1_5785_5925~40000



11A_Ant1_5825_30~5650



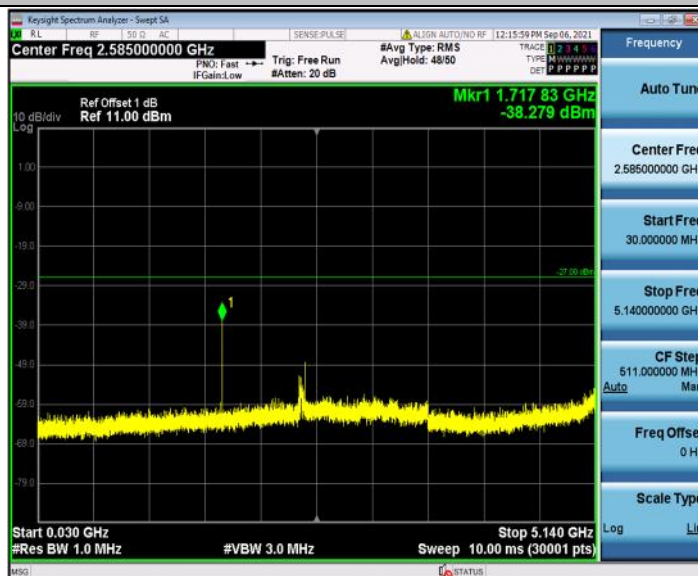
11A_Ant1_5825_5925~40000



11N20SISO_Ant1_5180_30~5140



11N20SISO_Ant1_5180_5360~40000



11N20SISO_Ant1_5200_30~5140



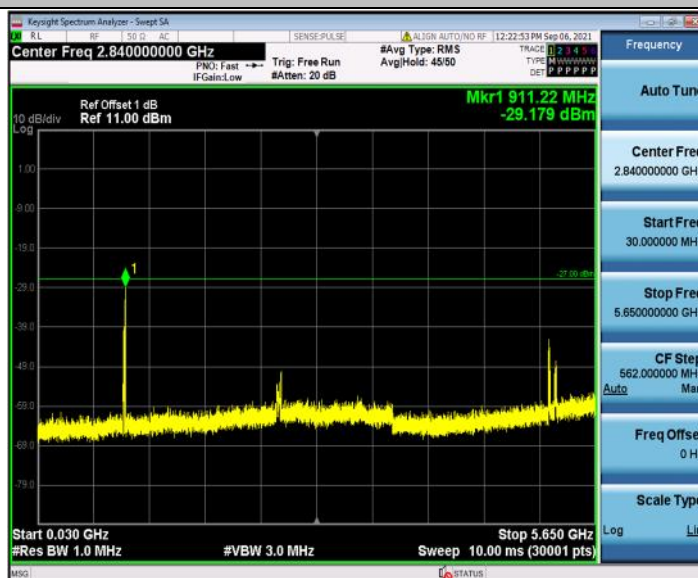
11N20SISO_Ant1_5200_5360~40000



11N20SISO_Ant1_5240_30~5140



11N20SISO_Ant1_5240_5360-40000



11N20SISO_Ant1_5745_30-5650



11N20SISO_Ant1_5745_5925~40000



11N20SISO_Ant1_5785_30~5650



11N20SISO_Ant1_5785_5925~40000



11N20SISO_Ant1_5825_30~5650



11N20SISO_Ant1_5825_5925~40000



11N40SISO_Ant1_5190_30~5140



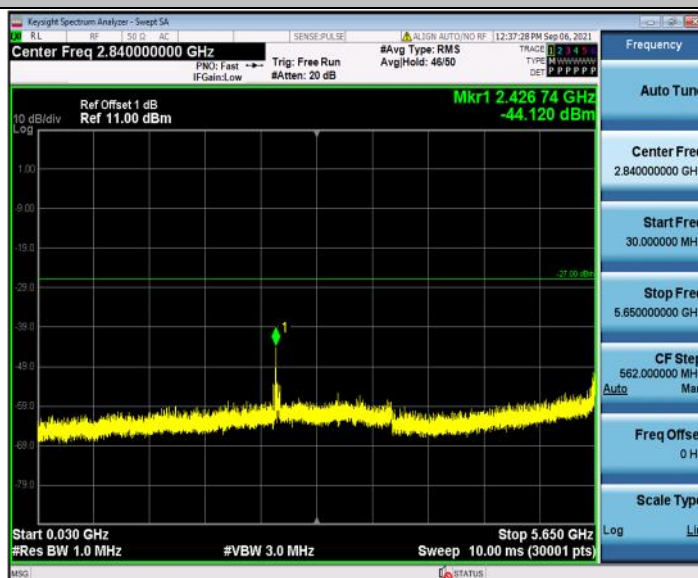
11N40SISO_Ant1_5190_5360~40000



11N40SISO_Ant1_5230_30~5140



11N40SISO_Ant1_5230_5360-40000



11N40SISO_Ant1_5755_30-5650



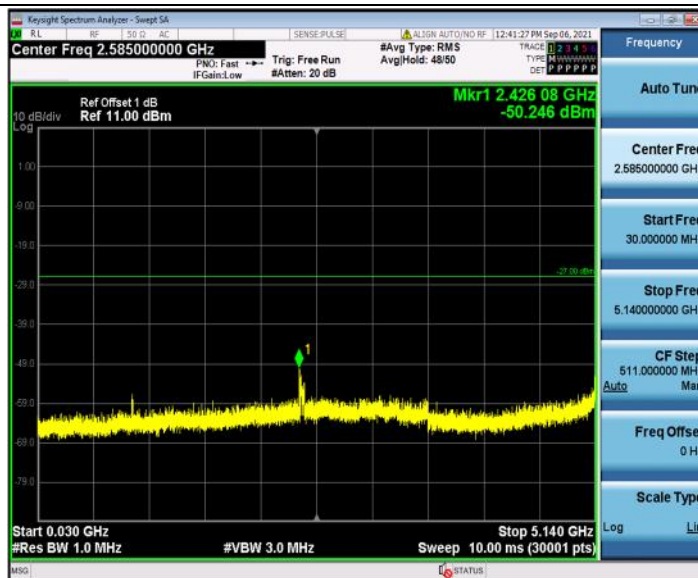
11N40SISO_Ant1_5755_5925~40000



11N40SISO_Ant1_5795_30~5650



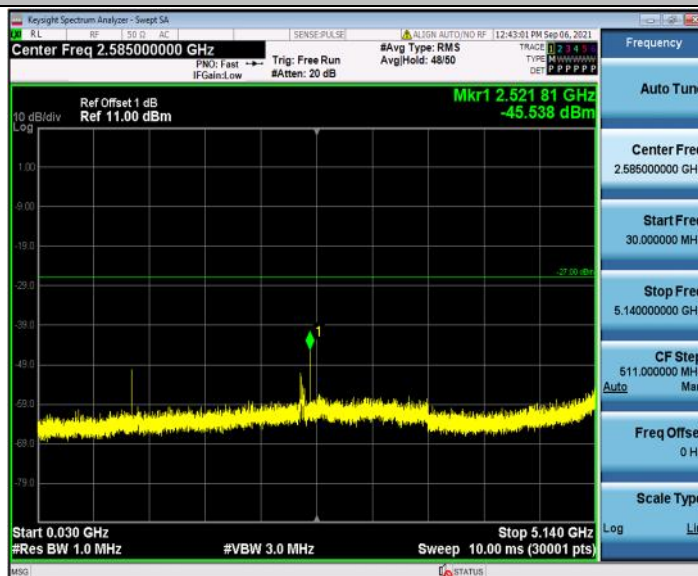
11N40SISO_Ant1_5795_5925~40000



11AC20SISO_Ant1_5180_30~5140



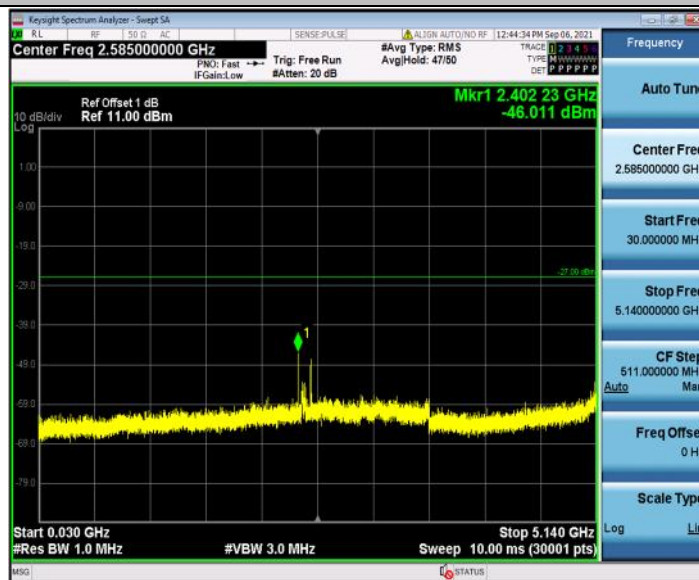
11AC20SISO_Ant1_5180_5360~40000



11AC20SISO_Ant1_5200_30~5140



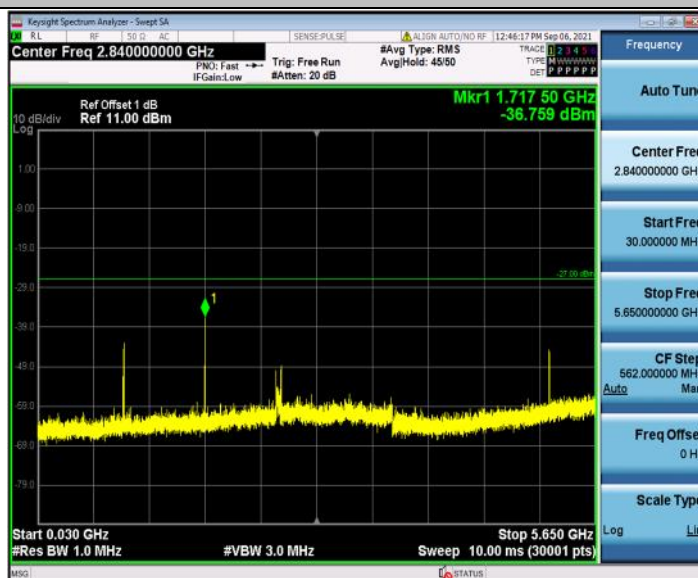
11AC20SISO_Ant1_5200_5360~40000



11AC20SISO_Ant1_5240_30~5140



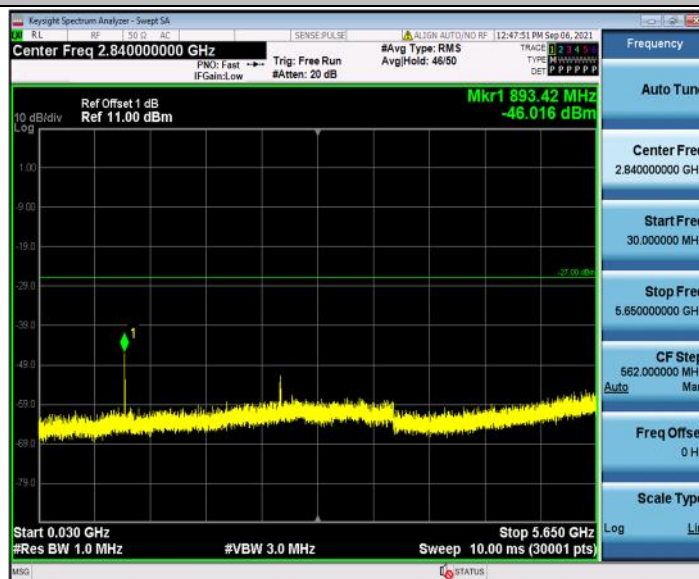
11AC20SISO_Ant1_5240_5360~40000



11AC20SISO_Ant1_5745_30~5650



11AC20SISO_Ant1_5745_5925~40000



11AC20SISO_Ant1_5785_30~5650



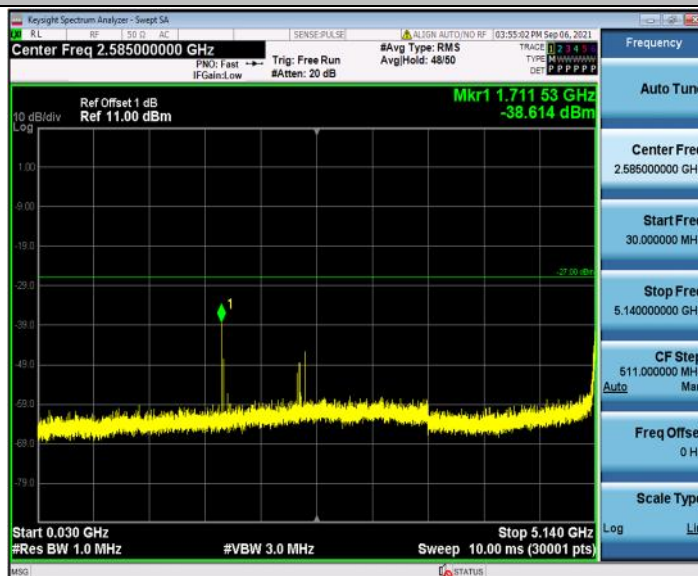
11AC20SISO_Ant1_5785_5925~40000



11AC20SISO_Ant1_5825_30~5650



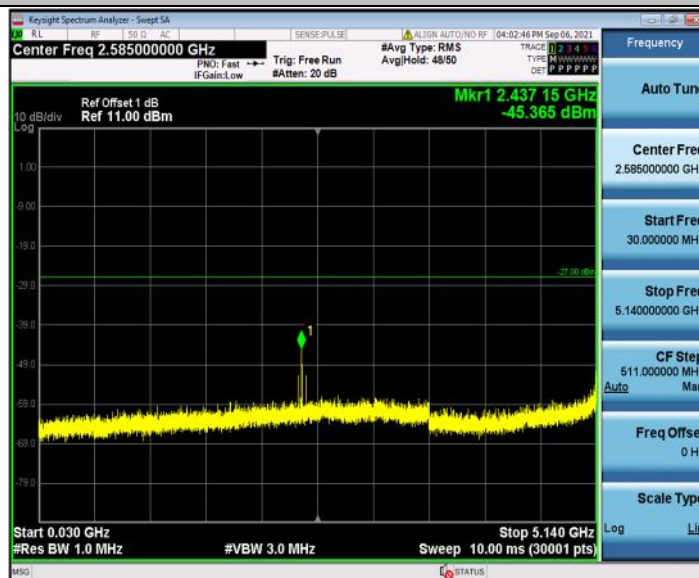
11AC20SISO_Ant1_5825_5925~40000



11AC40SISO_Ant1_5190_30~5140



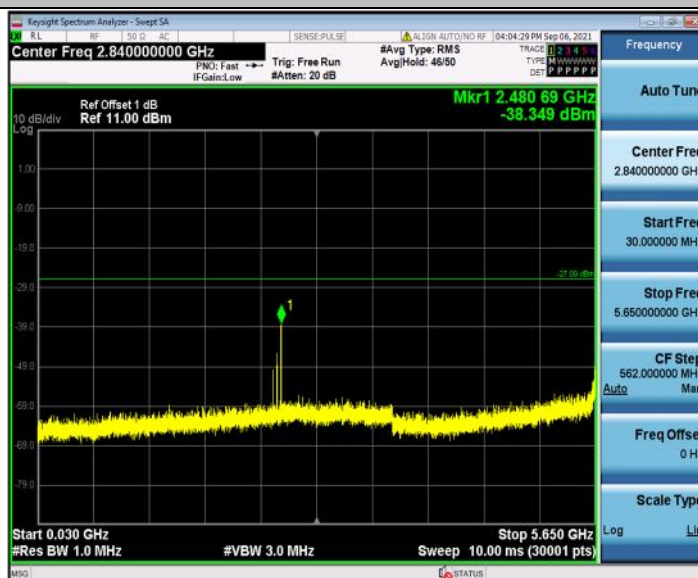
11AC40SISO_Ant1_5190_5360~40000



11AC40SISO_Ant1_5230_30~5140



11AC40SISO_Ant1_5230_5360~40000



11AC40SISO_Ant1_5755_30~5650



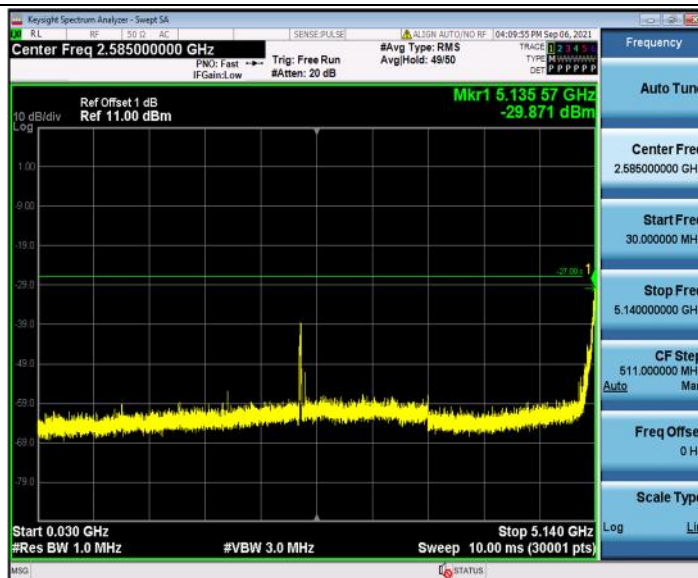
11AC40SISO_Ant1_5755_5925~40000



11AC40SISO_Ant1_5795_30~5650



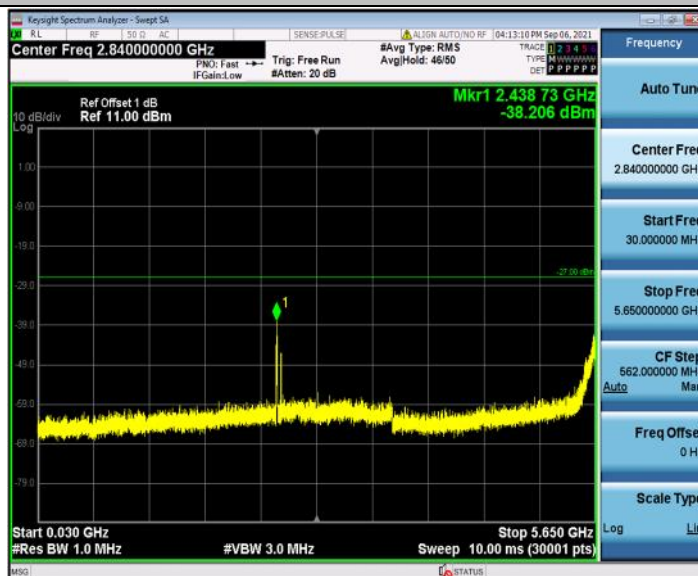
11AC40SISO_Ant1_5795_5925~40000



11AC80SISO_Ant1_5210_30~5140



11AC80SISO_Ant1_5210_5360~40000



11AC80SISO_Ant1_5775_30~5650



11AC80SISO_Ant1_5775_5925~40000

Appendix G: Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-20400	-3.938224	within the band of operation	PASS
			LV	NT	-19800	-3.822394		PASS
			HV	NT	-18600	-3.590734		PASS
		5240	NV	NT	-21300	-4.064885		PASS
			LV	NT	-16200	-3.091603		PASS
			HV	NT	-15900	-3.034351		PASS
		5745	NV	NT	-21000	-3.655352		PASS
			LV	NT	-17400	-3.028721		PASS
			HV	NT	-17700	-3.08094		PASS
		5825	NV	NT	-21900	-3.759657		PASS
			LV	NT	-20400	-3.502146		PASS
			HV	NT	-20700	-3.553648		PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-18600	-3.590734	within the band of operation	PASS
			NV	-20	-19200	-3.706564		PASS
			NV	-10	-18300	-3.532819		PASS
			NV	0	-17700	-3.416988		PASS
			NV	10	-17400	-3.359073		PASS
			NV	20	-17700	-3.416988		PASS
			NV	30	-17400	-3.359073		PASS
			NV	40	-16800	-3.243243		PASS
			NV	50	-17400	-3.359073		PASS
		5240	NV	-30	-15600	-2.977099		PASS
			NV	-20	-15600	-2.977099		PASS
			NV	-10	-14400	-2.748092		PASS
			NV	0	-15300	-2.919847		PASS
			NV	10	-14100	-2.690840		PASS
			NV	20	-14400	-2.748092		PASS
			NV	30	-14700	-2.805344		PASS
			NV	40	-14400	-2.748092		PASS
			NV	50	-13500	-2.576336		PASS
		5745	NV	-30	-17400	-3.028721		PASS
			NV	-20	-17700	-3.08094		PASS

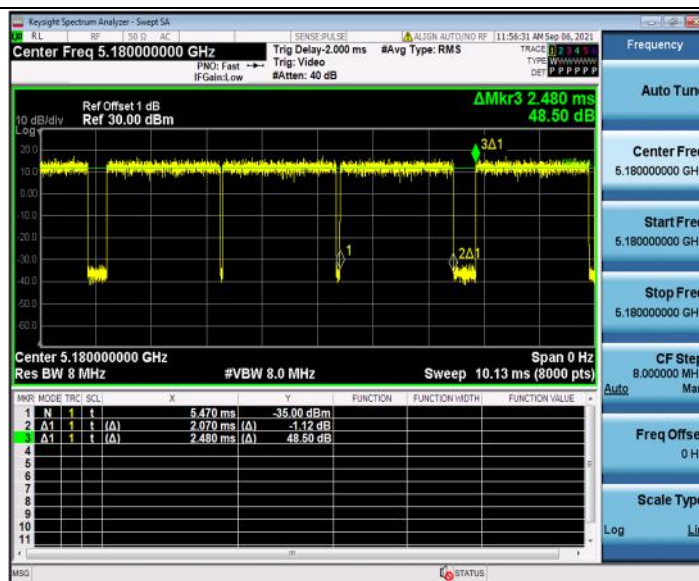
			NV	-10	-18900	-3.289817		PASS
			NV	0	-18600	-3.237598		PASS
			NV	10	-18300	-3.185379		PASS
			NV	20	-17400	-3.028721		PASS
			NV	30	-17400	-3.028721		PASS
			NV	40	-18300	-3.185379		PASS
			NV	50	-18300	-3.185379		PASS
		5825	NV	-30	-20700	-3.553648		PASS
			NV	-20	-20400	-3.502146		PASS
			NV	-10	-20400	-3.502146		PASS
			NV	0	-20700	-3.553648		PASS
			NV	10	-21600	-3.708155		PASS
			NV	20	-23700	-4.068670		PASS
			NV	30	-22500	-3.862661		PASS
			NV	40	-22200	-3.811159		PASS
			NV	50	-21900	-3.759657		PASS

Appendix H: Duty Cycle

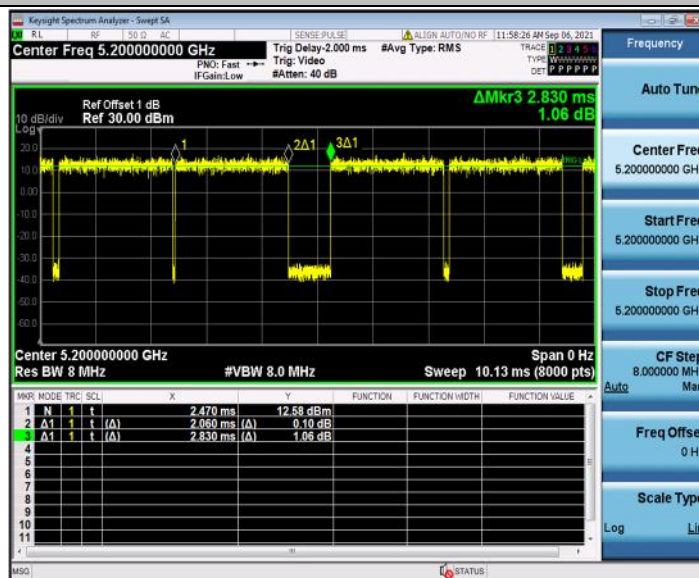
Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	2.07	2.48	83.47	---	PASS
		5200	2.06	2.83	72.79	---	PASS
		5240	2.07	2.21	93.67	---	PASS
		5745	2.06	2.20	93.64	---	PASS
		5785	2.07	2.23	92.83	---	PASS
		5825	2.06	2.24	91.96	---	PASS
11N20SISO	Ant1	5180	1.92	2.15	89.30	---	PASS
		5200	1.92	2.59	74.13	---	PASS
		5240	1.92	2.67	71.91	---	PASS
		5745	1.92	2.09	91.87	---	PASS
		5785	1.92	2.07	92.75	---	PASS
		5825	1.92	2.09	91.87	---	PASS
11N40SISO	Ant1	5190	0.94	1.64	57.32	---	PASS
		5230	0.94	1.11	84.68	---	PASS
		5755	0.94	1.10	85.45	---	PASS
		5795	0.95	1.11	85.59	---	PASS
11AC20SISO	Ant1	5180	1.94	2.10	92.38	---	PASS
		5200	1.93	2.09	92.34	---	PASS
		5240	1.93	2.10	91.90	---	PASS
		5745	1.93	2.10	91.90	---	PASS
		5785	1.93	2.10	91.90	---	PASS
		5825	1.94	2.10	92.38	---	PASS
11AC40SISO	Ant1	5190	0.95	1.12	84.82	---	PASS
		5230	0.96	1.22	78.69	---	PASS
		5755	0.95	1.12	84.82	---	PASS
		5795	0.95	1.11	85.59	---	PASS
11AC80SISO	Ant1	5210	0.46	0.94	48.94	---	PASS
		5775	0.46	0.62	74.19	---	PASS

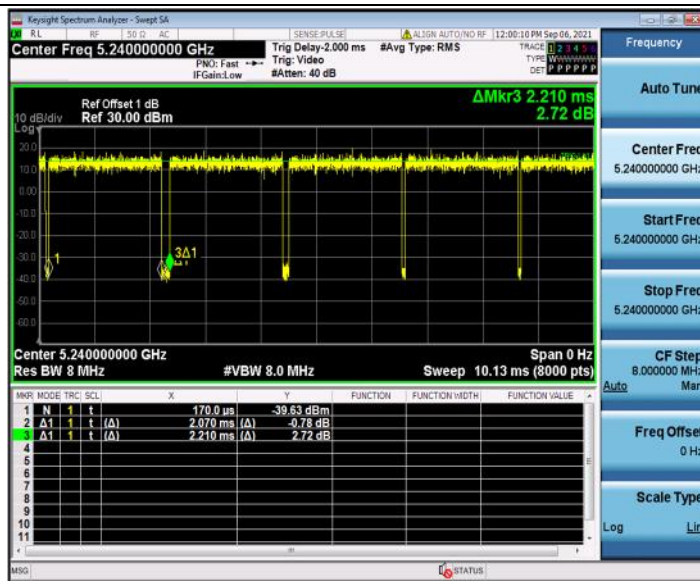
Test Graphs



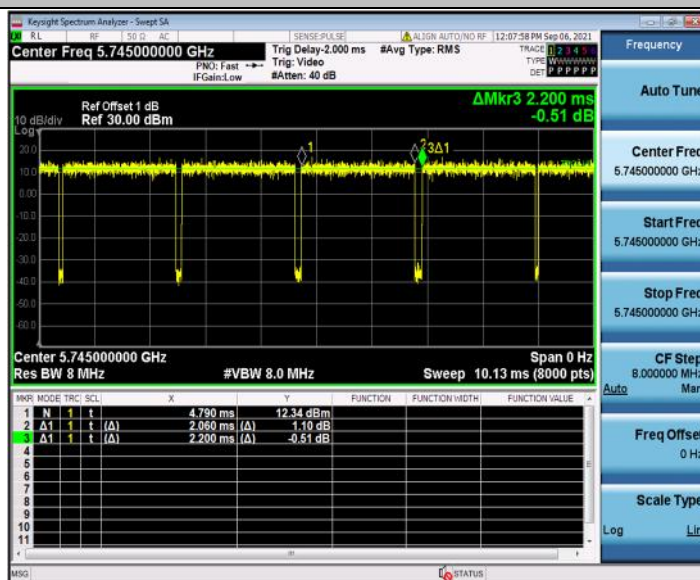
11A_Ant1_5180



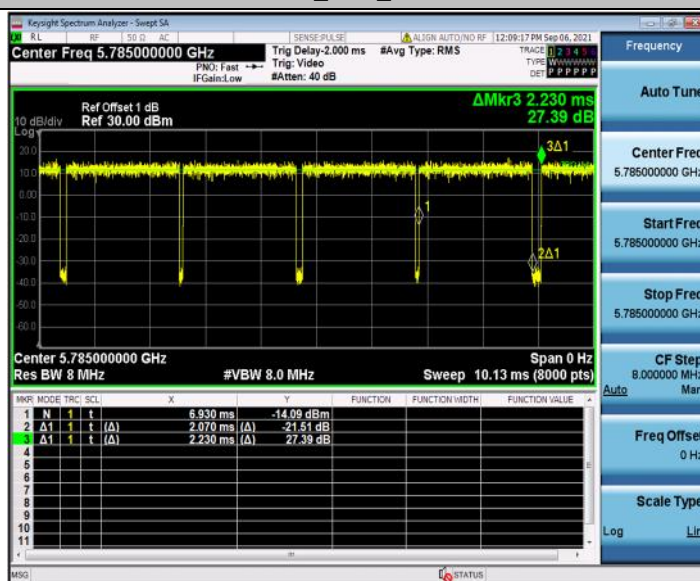
11A_Ant1_5200



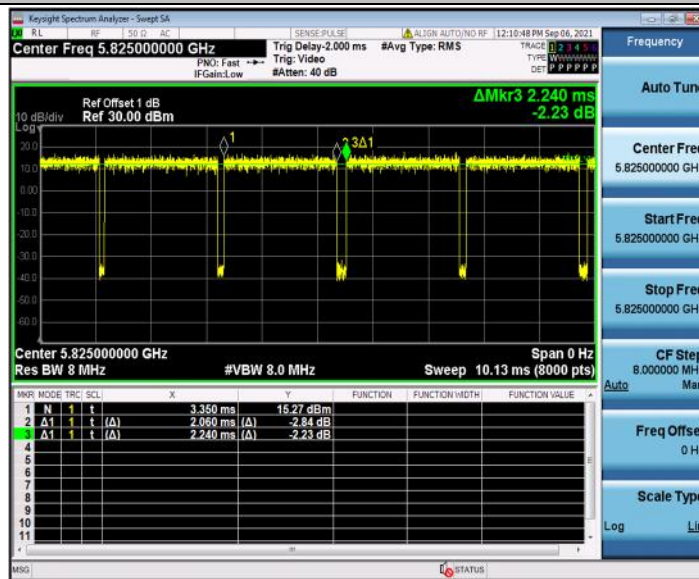
11A_Ant1_5240



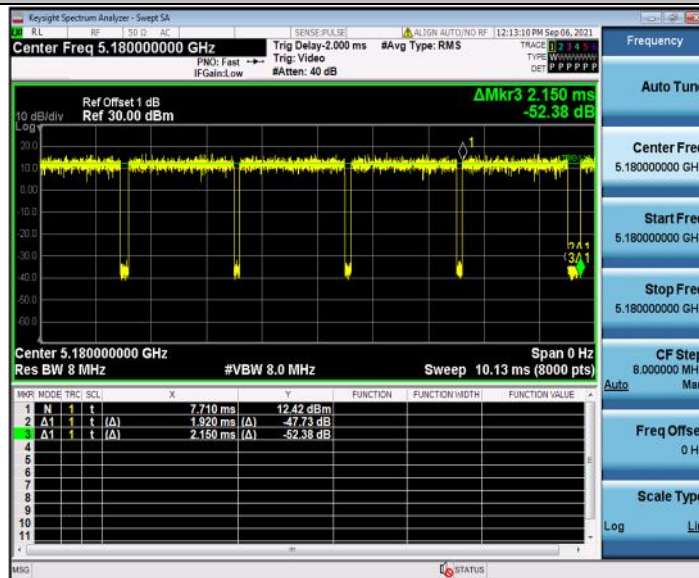
11A_Ant1_5745



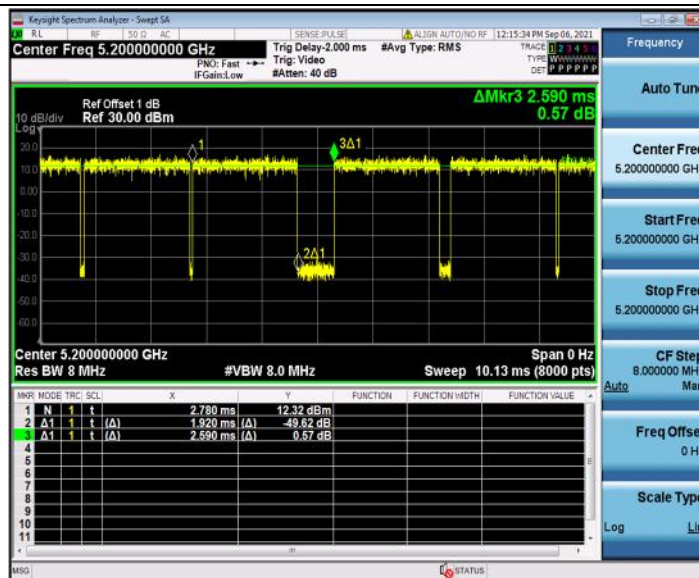
11A_Ant1_5785



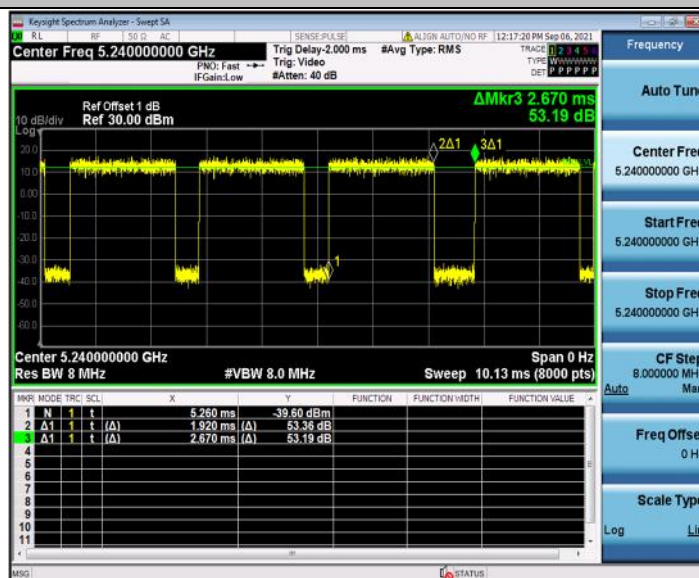
11A_Ant1_5825



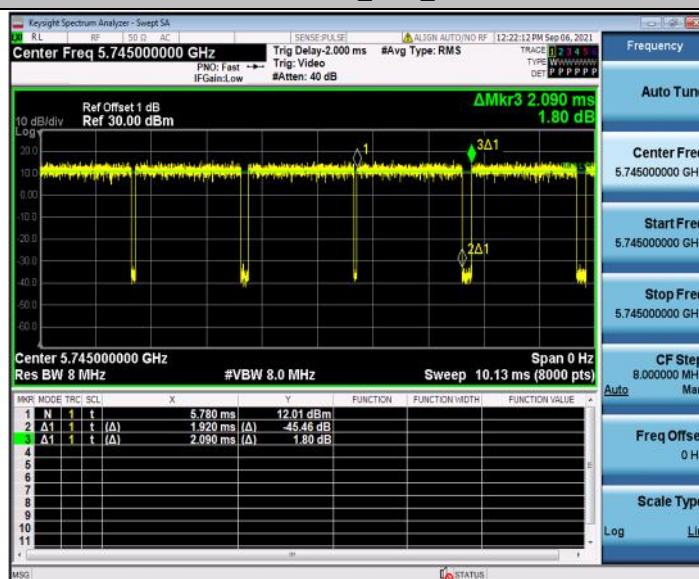
11N20SISO_Ant1_5180



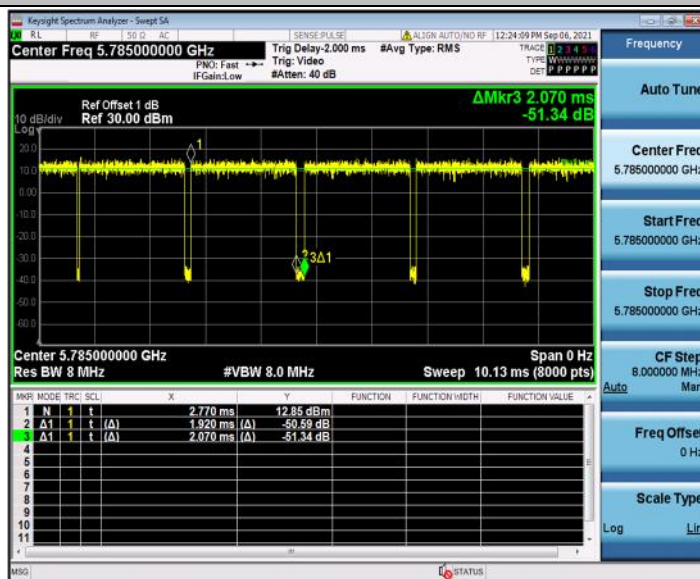
11N20SISO_Ant1_5200



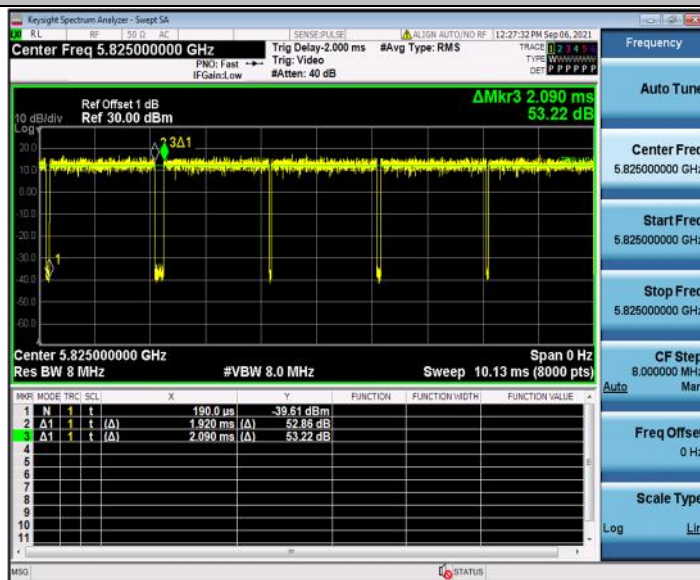
11N20SISO_Ant1_5240



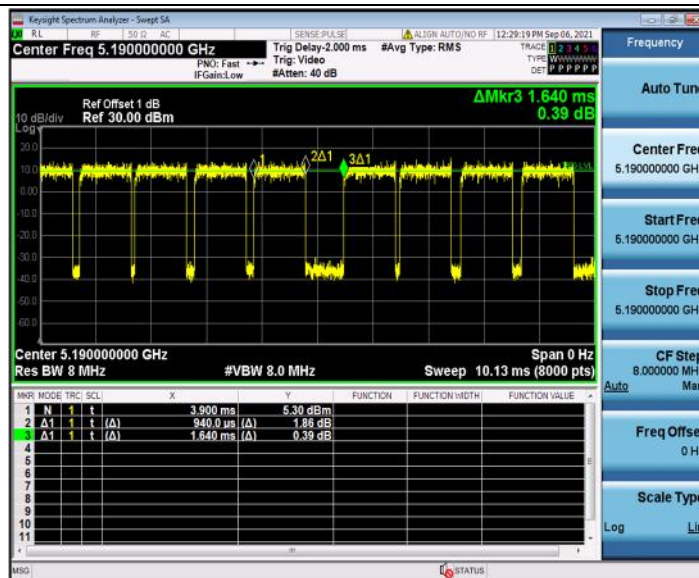
11N20SISO_Ant1_5745



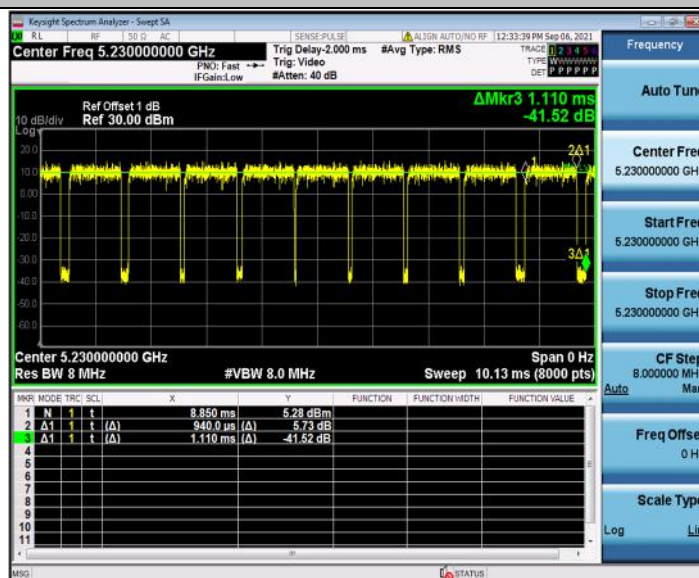
11N20SISO_Ant1_5785



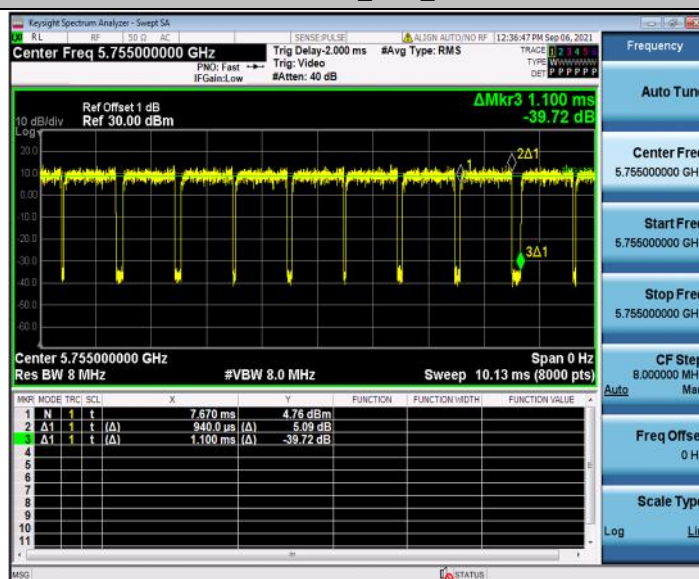
11N20SISO_Ant1_5825



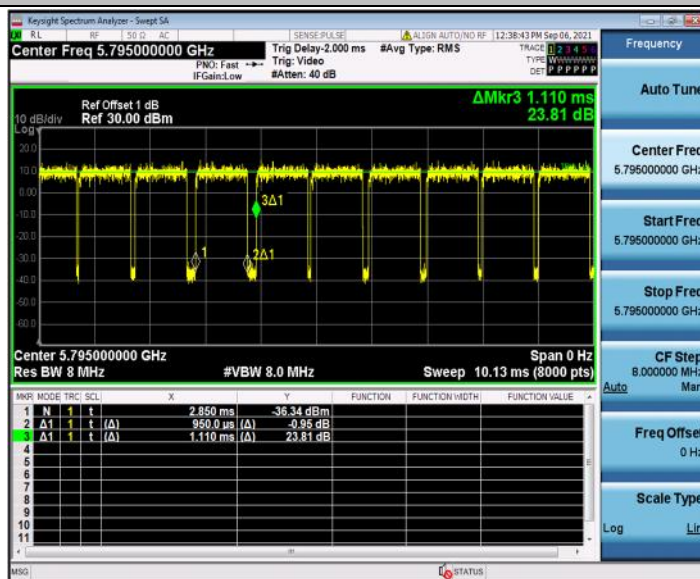
11N40SISO_Ant1_5190



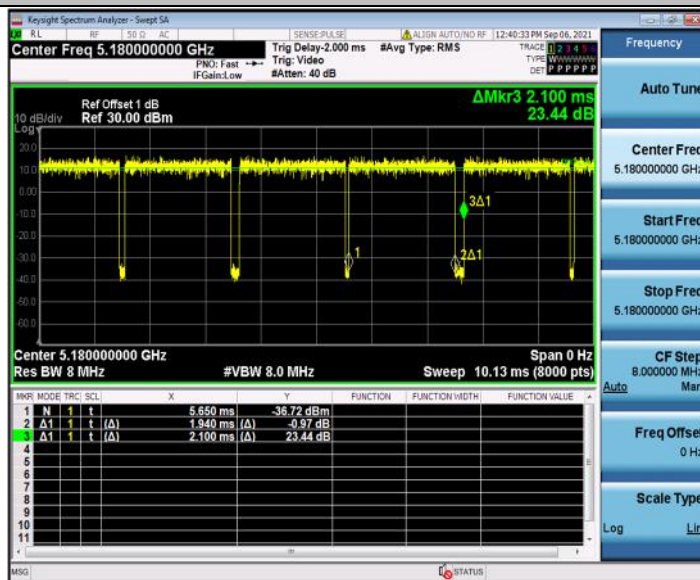
11N40SISO_Ant1_5230



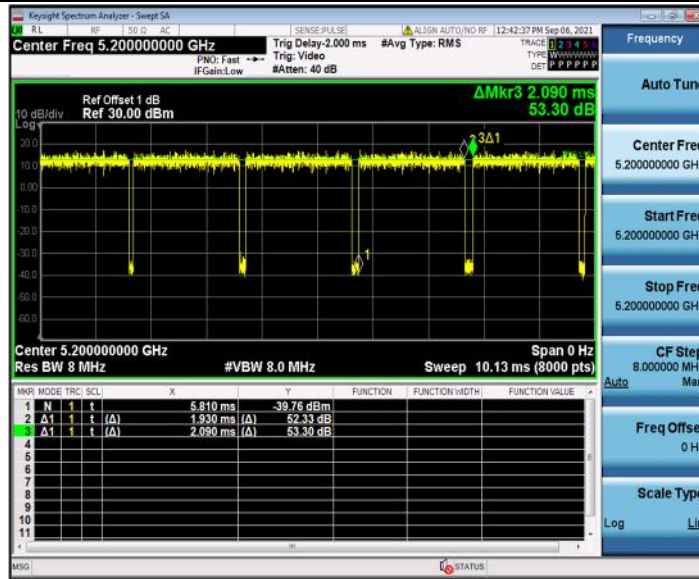
11N40SISO_Ant1_5755



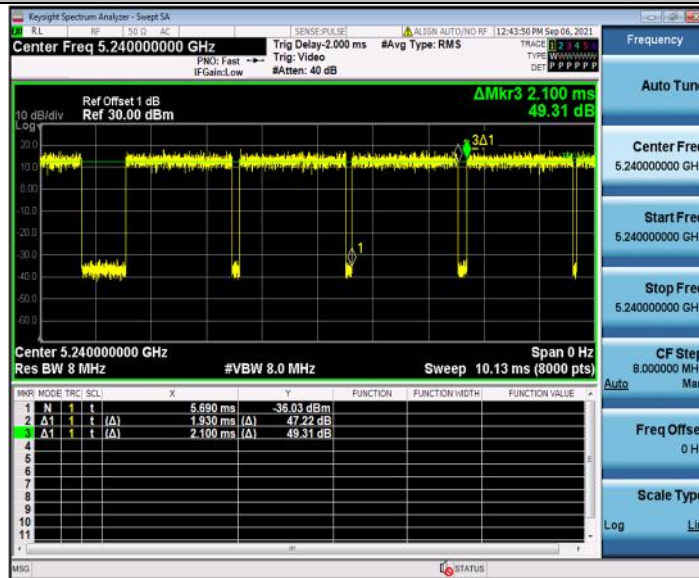
11N40SISO_Ant1_5795



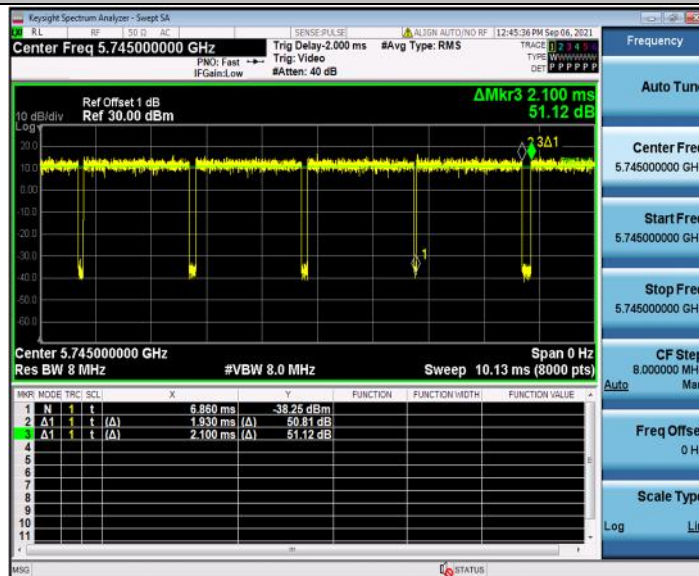
11AC20SISO_Ant1_5180



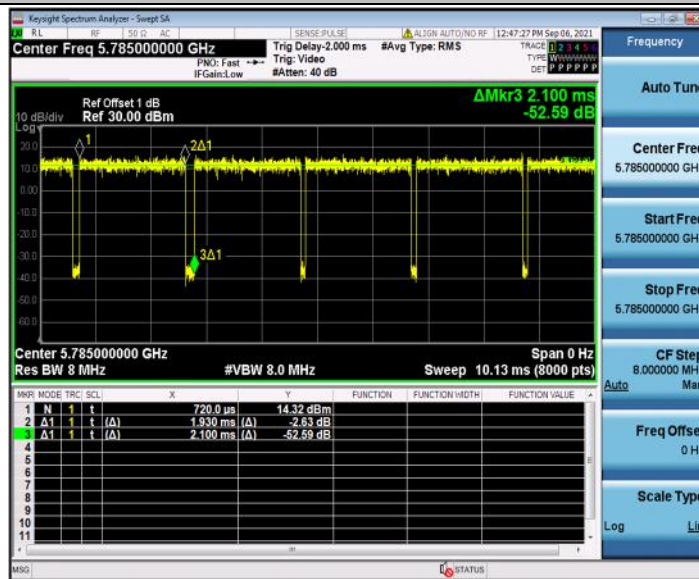
11AC20SISO_Ant1_5200



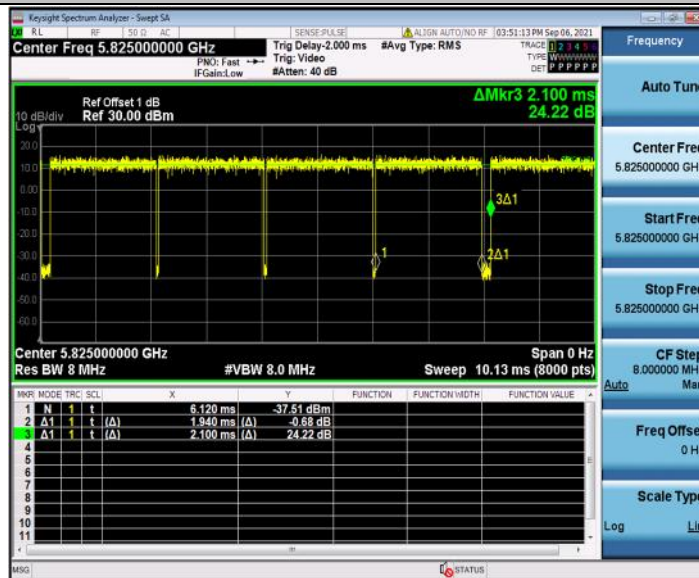
11AC20SISO_Ant1_5240



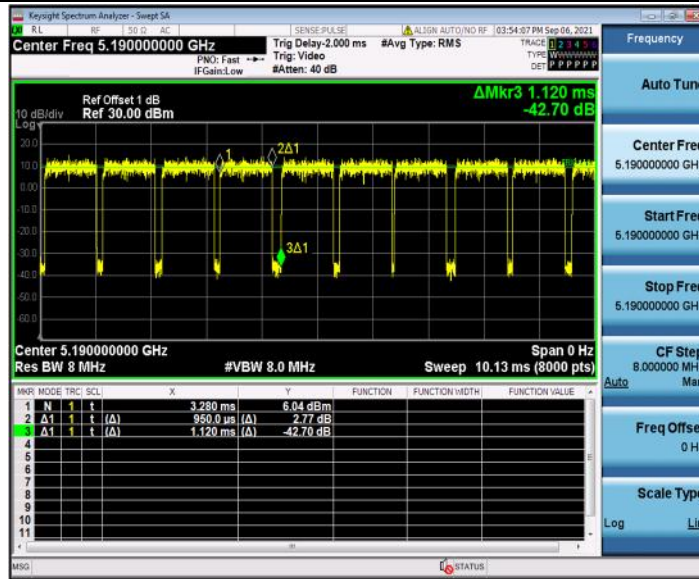
11AC20SISO_Ant1_5745



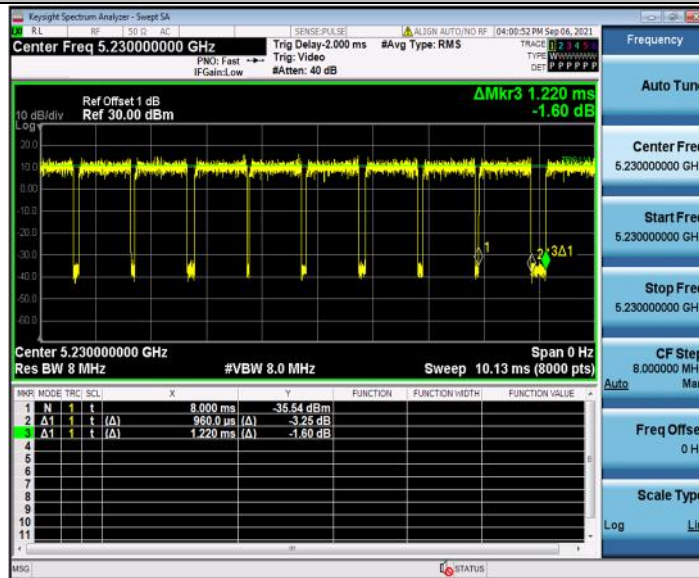
11AC20SISO_Ant1_5785



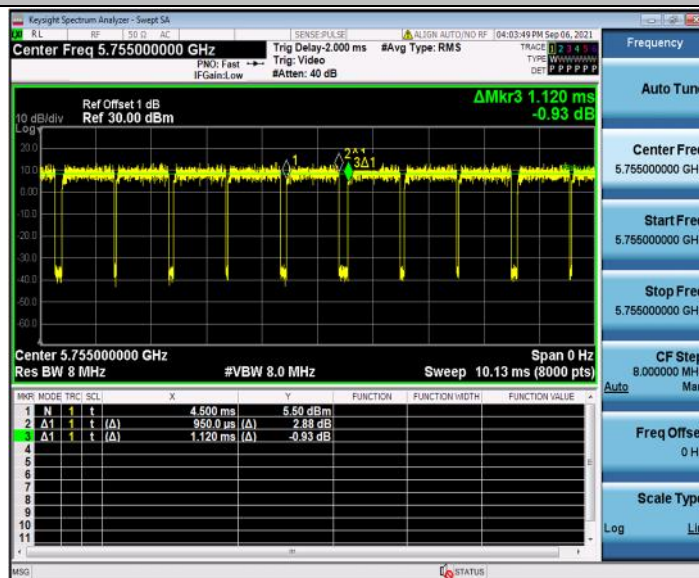
11AC20SISO_Ant1_5825



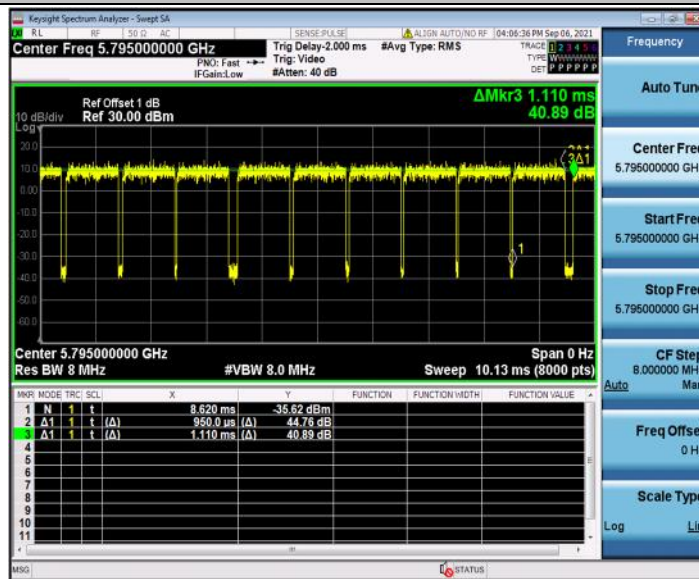
11AC40SISO_Ant1_5190



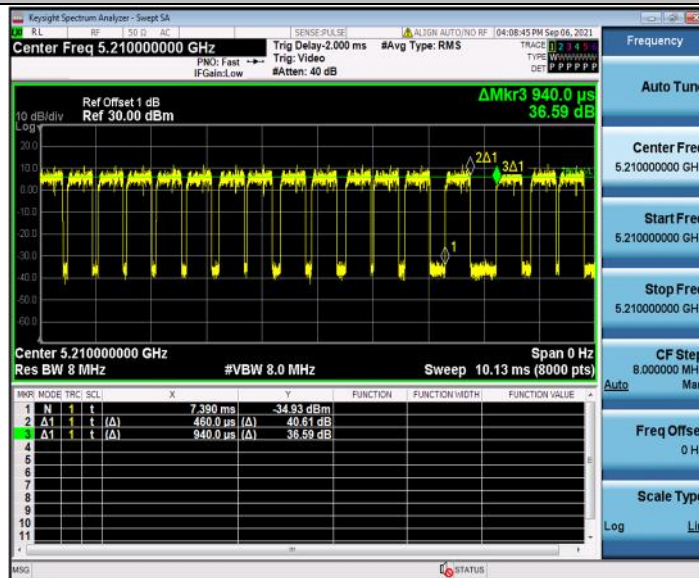
11AC40SISO_Ant1_5230



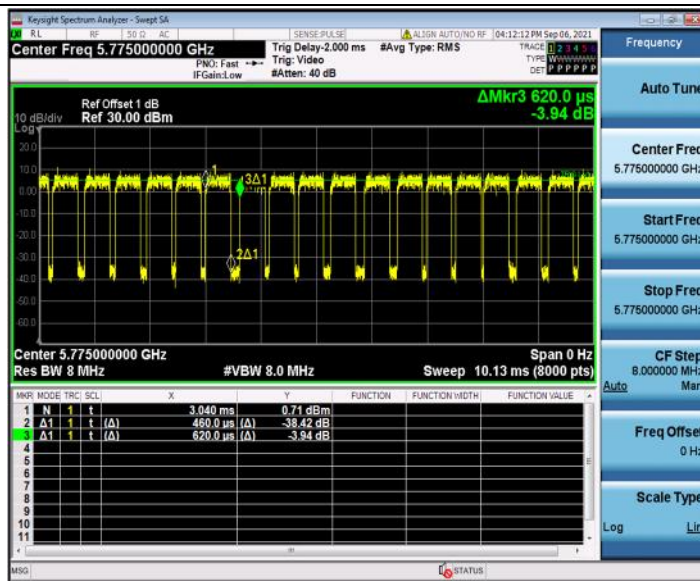
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

***** End of Report *****