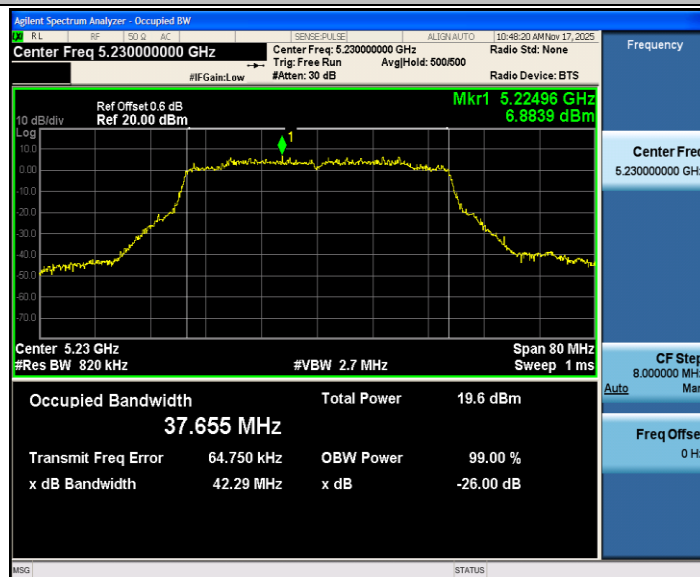
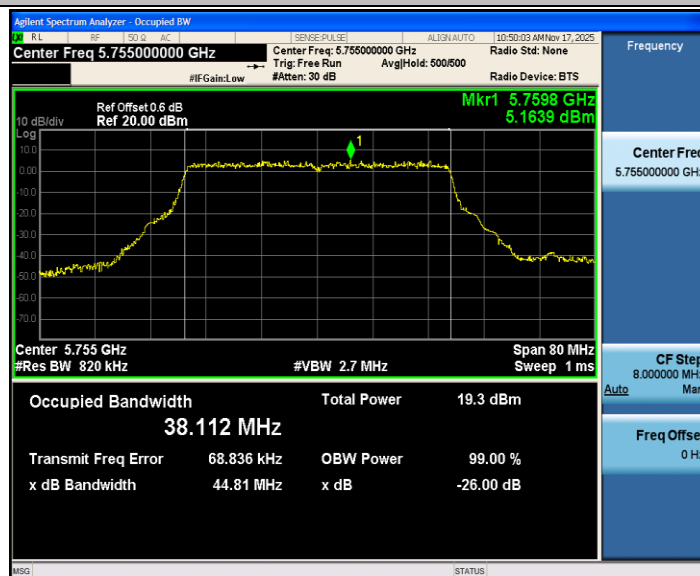




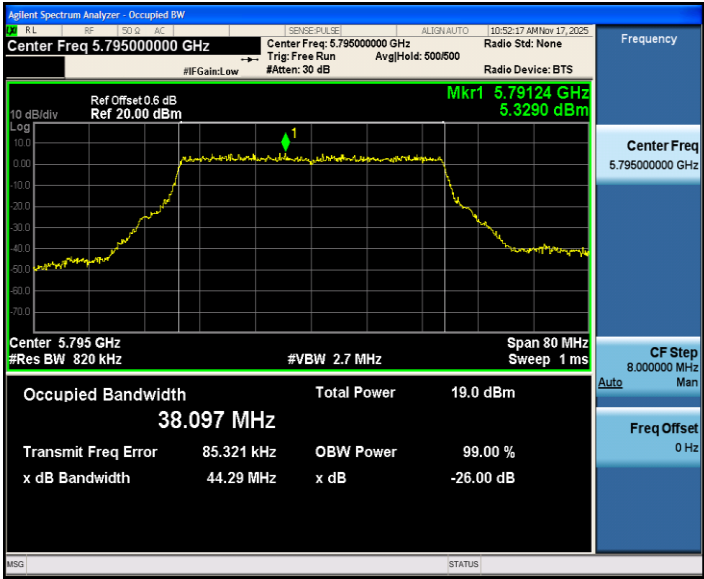
11AX40ISO_Ant1_5230



11AX40ISO_Ant1_5755



11AX40SISO_Ant1_5795

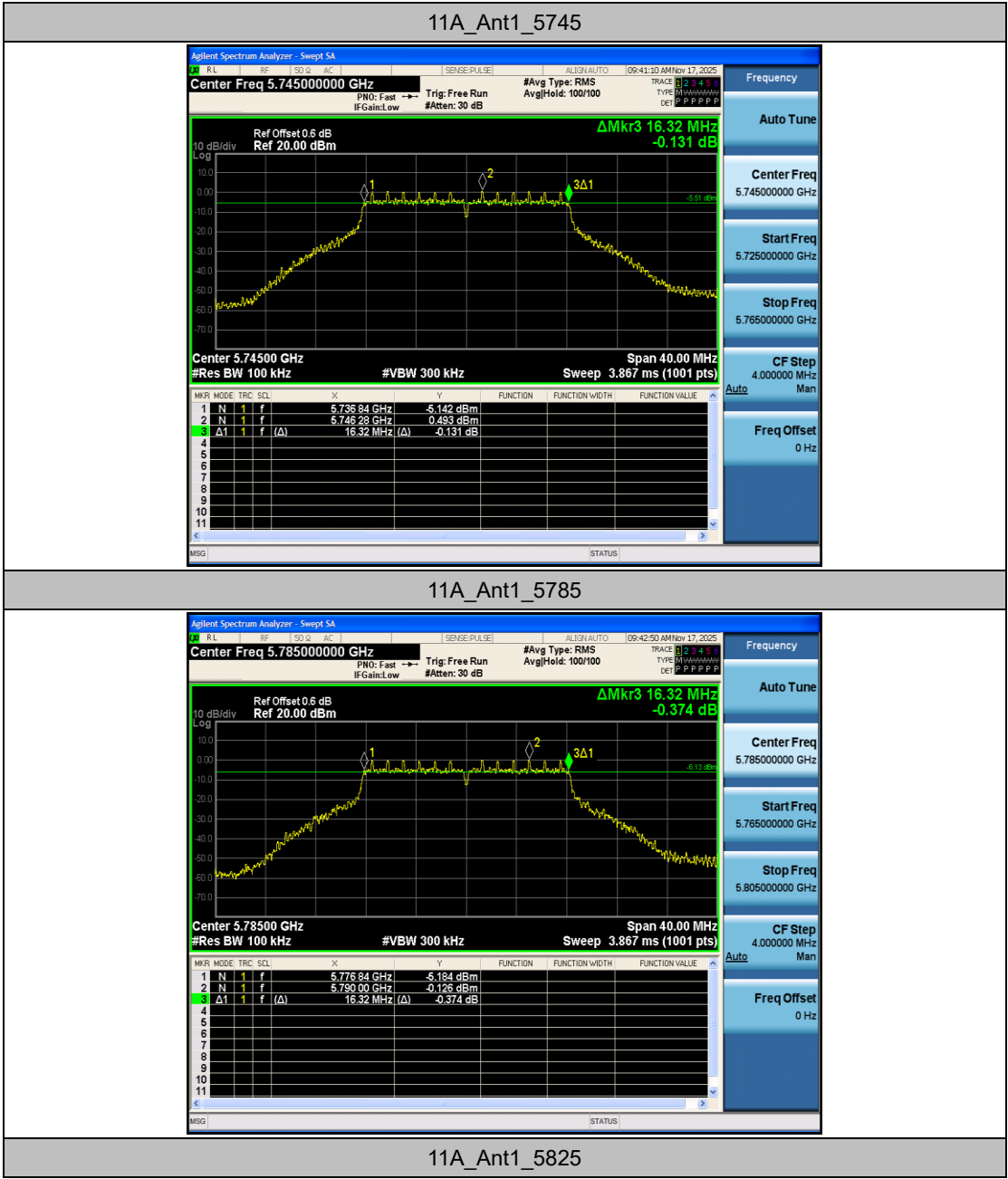


Appendix A3: Min emission bandwidth

Test Result B4

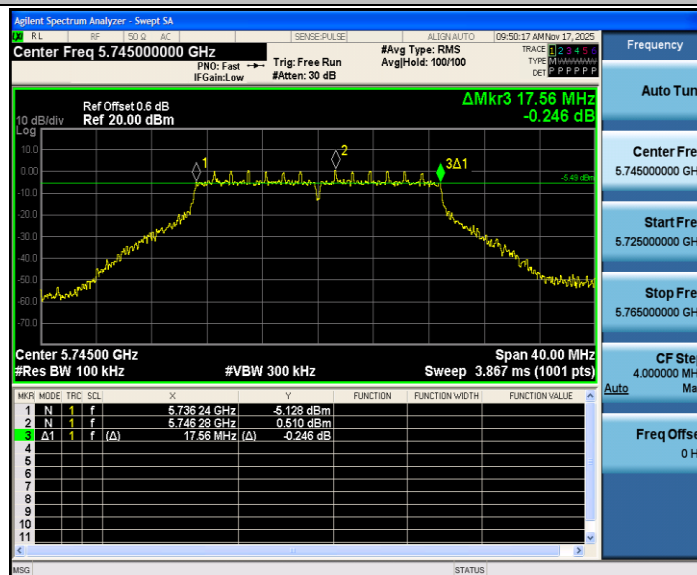
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.320	5736.840	5753.160	0.5	PASS
		5785	16.320	5776.840	5793.160	0.5	PASS
		5825	16.320	5816.840	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.560	5736.240	5753.800	0.5	PASS
		5785	17.560	5776.240	5793.800	0.5	PASS
		5825	17.520	5816.240	5833.760	0.5	PASS
11N40SISO	Ant1	5755	36.080	5736.840	5772.920	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	17.520	5736.240	5753.760	0.5	PASS
		5785	17.560	5776.200	5793.760	0.5	PASS
		5825	17.520	5816.240	5833.760	0.5	PASS
11AC40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AX20SISO	Ant1	5745	18.200	5735.800	5754.000	0.5	PASS
		5785	18.400	5775.960	5794.360	0.5	PASS
		5825	18.760	5815.680	5834.440	0.5	PASS
11AX40SISO	Ant1	5755	37.840	5736.120	5773.960	0.5	PASS
		5795	37.840	5776.040	5813.880	0.5	PASS

Test Graphs B4

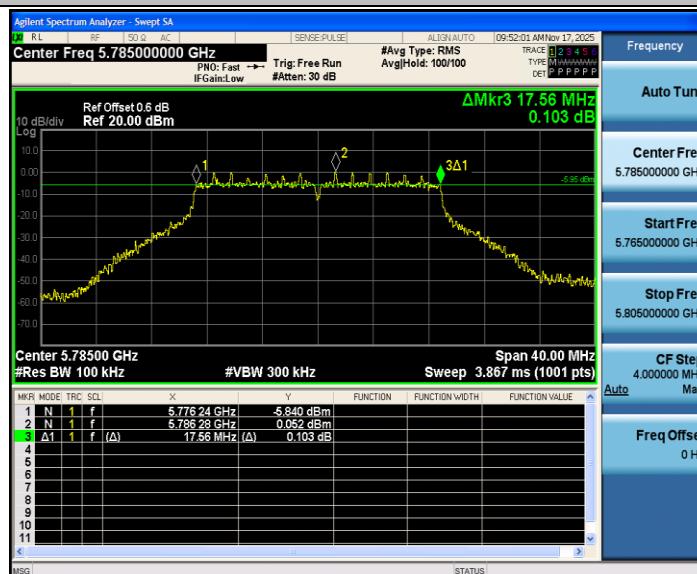




11N20SISO_Ant1_5745



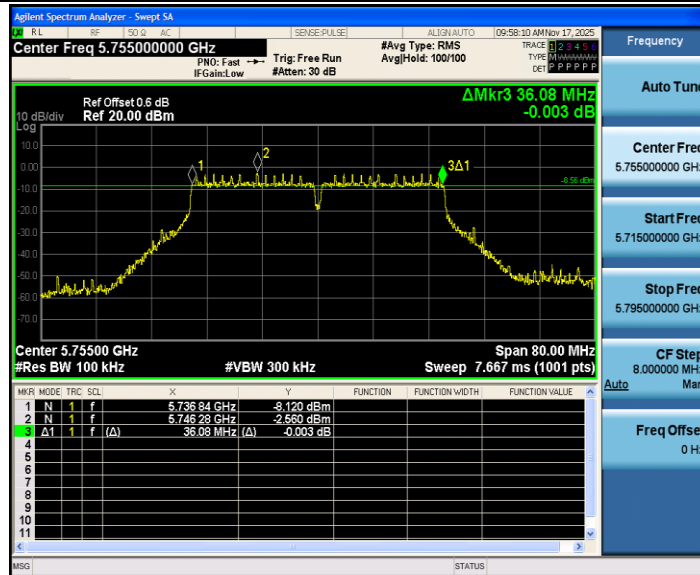
11N20SISO_Ant1_5785



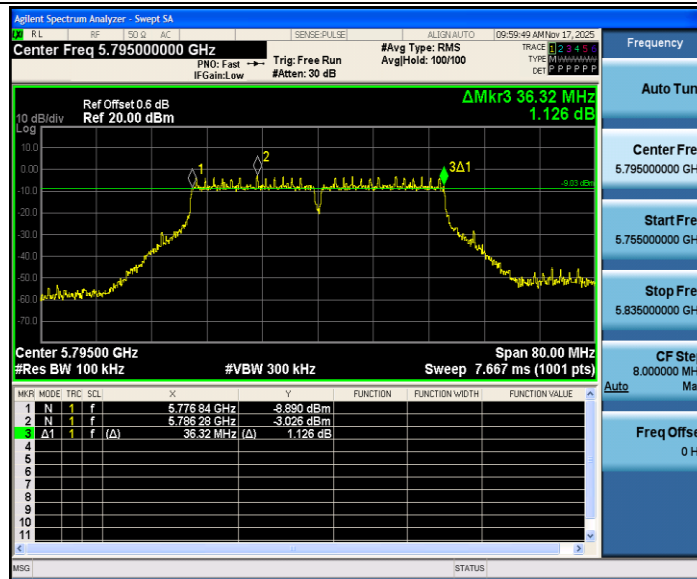
11N20SISO_Ant1_5825



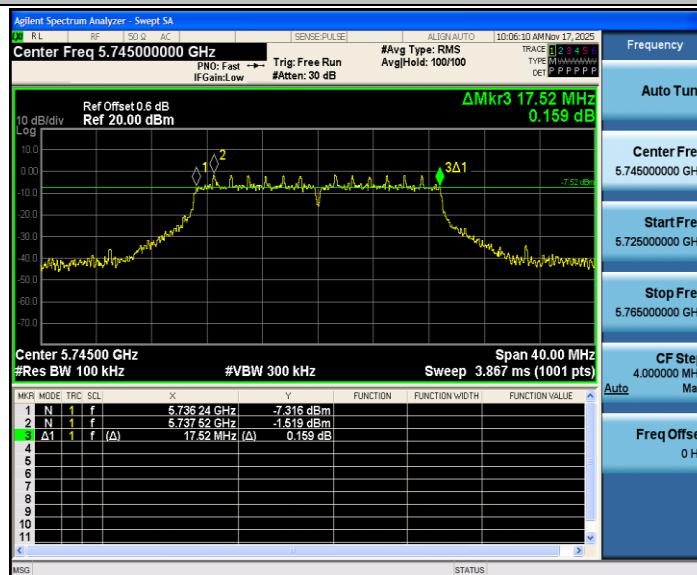
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



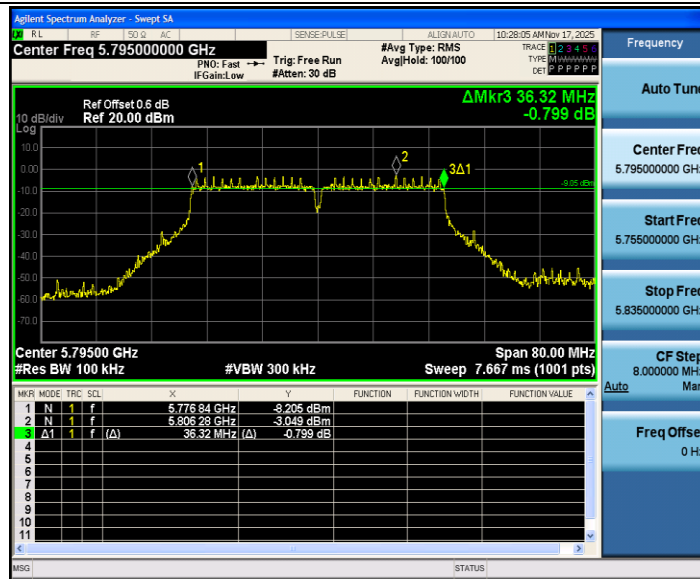
11AC20SISO_Ant1_5825



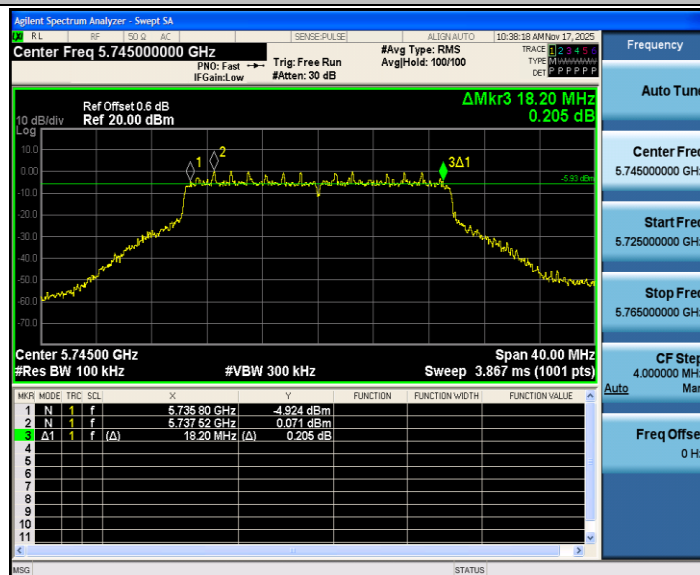
11AC40SISO_Ant1_5755



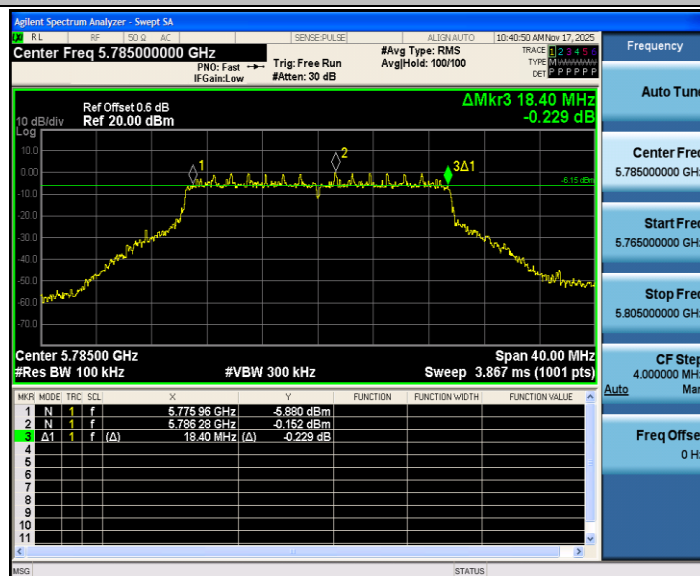
11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5745



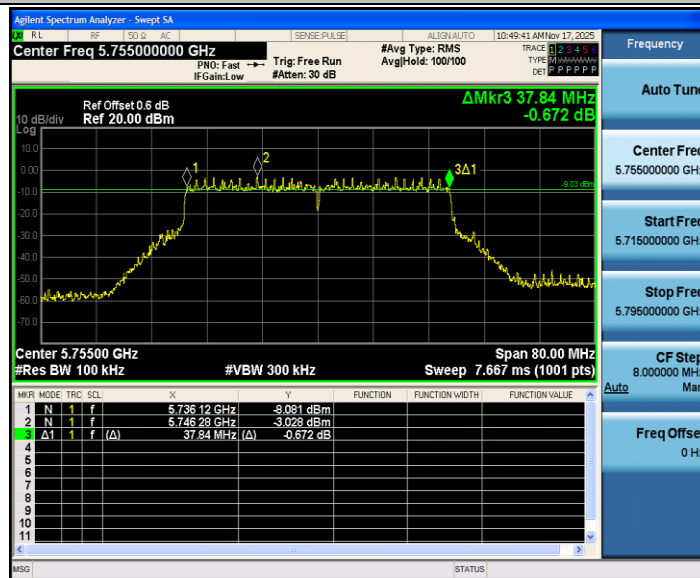
11AX20SISO_Ant1_5785



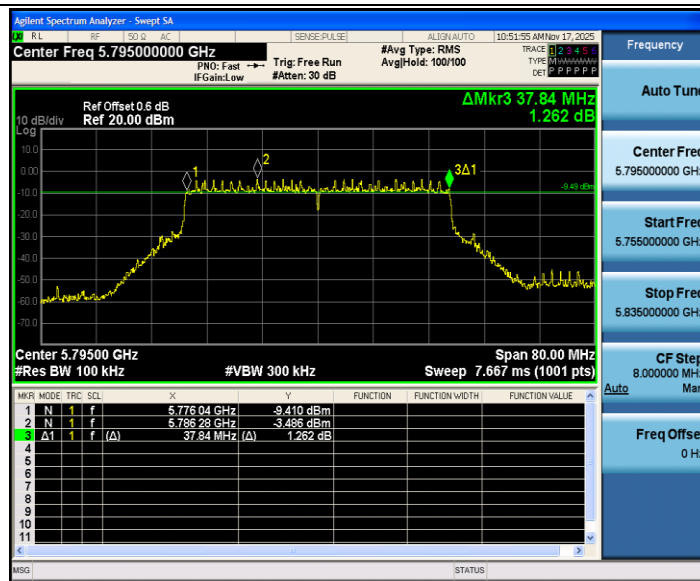
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

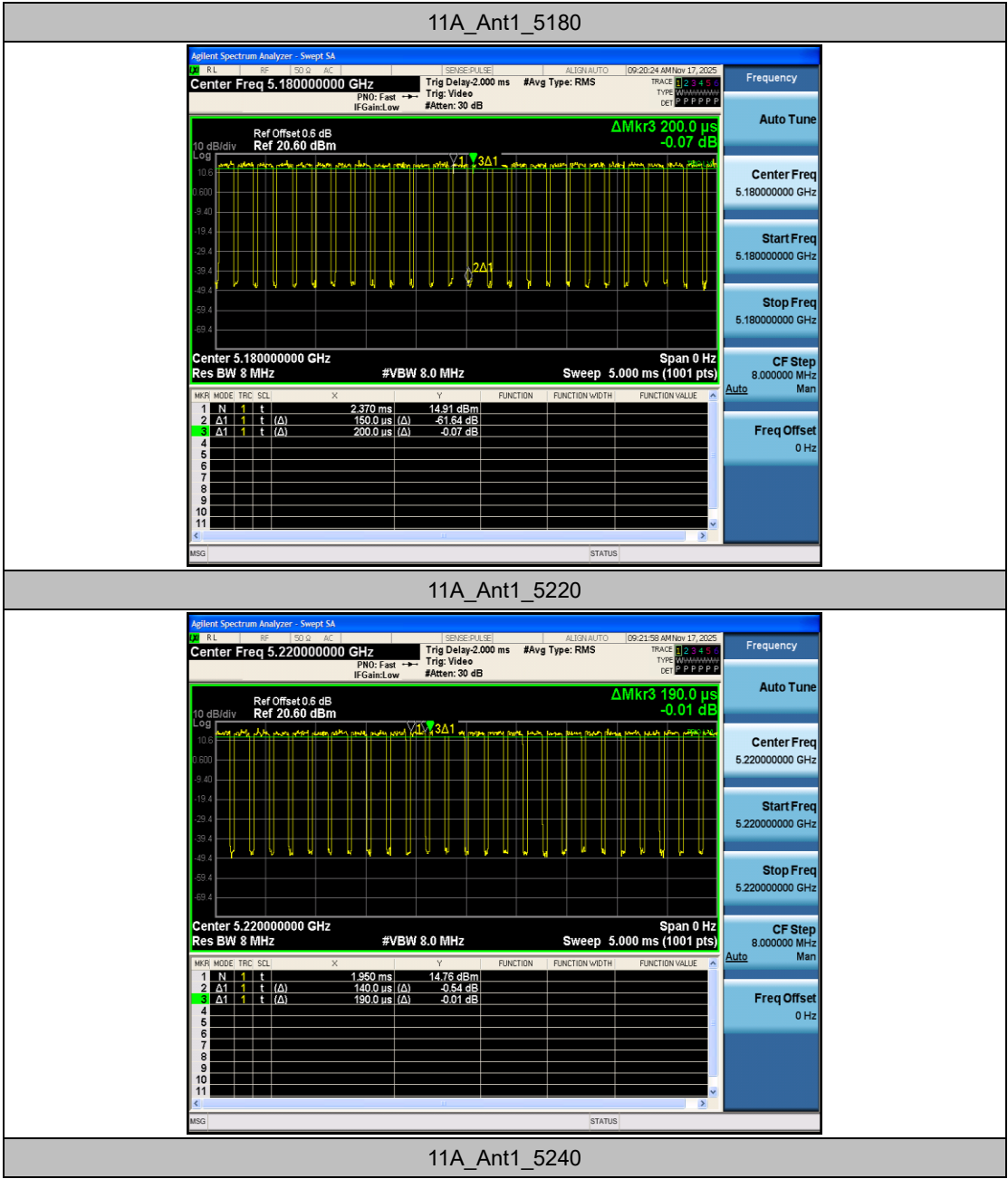


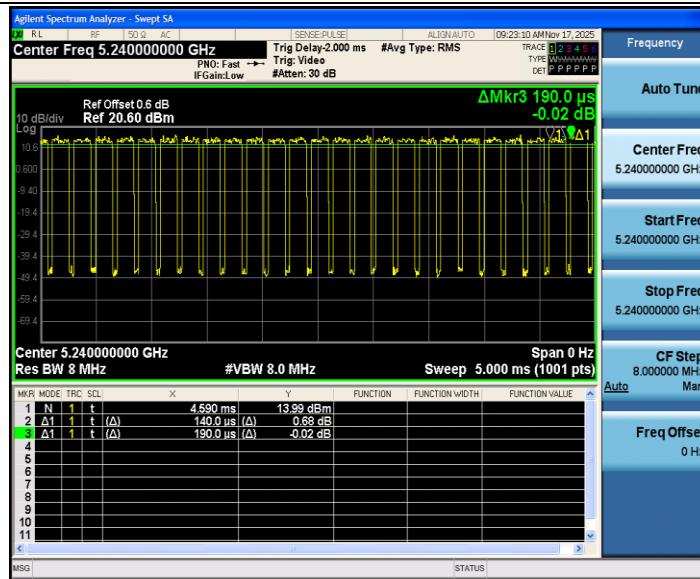
Appendix B: Duty Cycle

Test Result

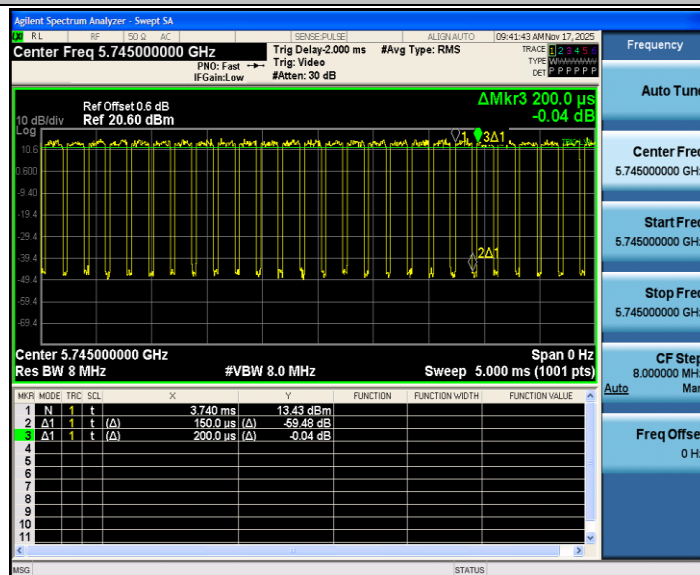
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty factor(dB)	Limit	Verdict
11A	Ant1	5180	0.15	0.20	75.00	1.25	---	---
		5220	0.14	0.19	73.68	1.33	---	---
		5240	0.14	0.19	73.68	1.33	---	---
		5745	0.15	0.20	75.00	1.25	---	---
		5785	0.15	0.20	75.00	1.25	---	---
		5825	0.14	0.19	73.68	1.33	---	---
11N20SISO	Ant1	5180	0.17	0.22	77.27	1.12	---	---
		5220	0.18	0.23	78.26	1.06	---	---
		5240	0.17	0.22	77.27	1.12	---	---
		5745	0.18	0.23	78.26	1.06	---	---
		5785	0.17	0.22	77.27	1.12	---	---
		5825	0.17	0.22	77.27	1.12	---	---
11N40SISO	Ant1	5190	0.18	0.23	78.26	1.06	---	---
		5230	0.18	0.23	78.26	1.06	---	---
		5755	0.18	0.23	78.26	1.06	---	---
		5795	0.18	0.23	78.26	1.06	---	---
11AC20SISO	Ant1	5180	0.16	0.21	76.19	1.18	---	---
		5220	0.16	0.21	76.19	1.18	---	---
		5240	0.16	0.21	76.19	1.18	---	---
		5745	0.16	0.21	76.19	1.18	---	---
		5785	0.16	0.21	76.19	1.18	---	---
		5825	0.16	0.21	76.19	1.18	---	---
11AC40SISO	Ant1	5190	0.15	0.20	75.00	1.25	---	---
		5230	0.16	0.21	76.19	1.18	---	---
		5755	0.15	0.20	75.00	1.25	---	---
		5795	0.15	0.20	75.00	1.25	---	---
11AX20SISO	Ant1	5180	0.26	0.31	83.87	0.76	---	---
		5220	0.25	0.30	83.33	0.79	---	---
		5240	0.26	0.31	83.87	0.76	---	---
		5745	0.25	0.30	83.33	0.79	---	---
		5785	0.26	0.31	83.87	0.76	---	---
		5825	0.26	0.30	86.67	0.62	---	---
11AX40SISO	Ant1	5190	0.18	0.23	78.26	1.06	---	---
		5230	0.17	0.22	77.27	1.12	---	---
		5755	0.17	0.22	77.27	1.12	---	---
		5795	0.18	0.23	78.26	1.06	---	---

Test Graphs

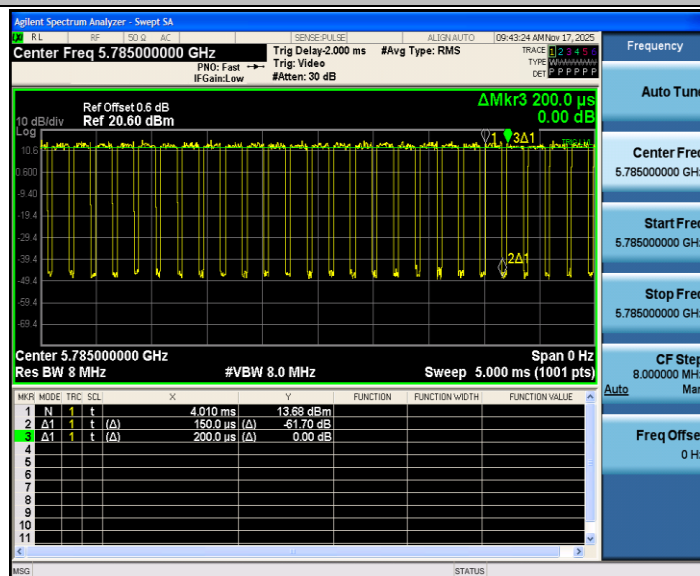




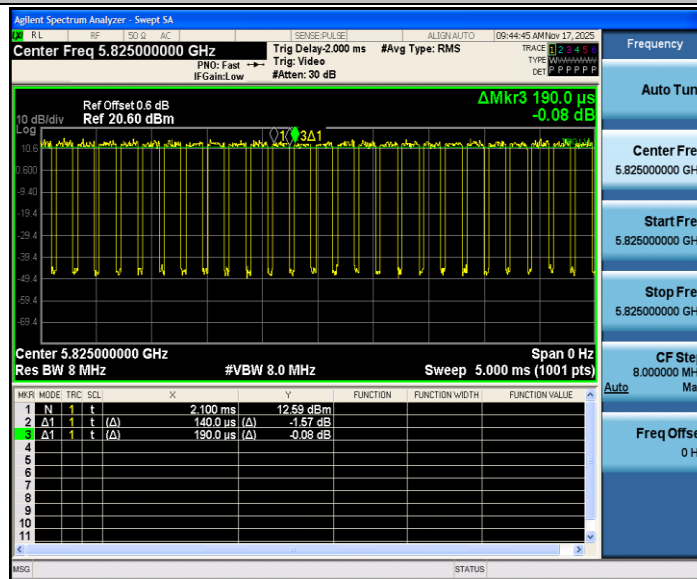
11A_Ant1_5745



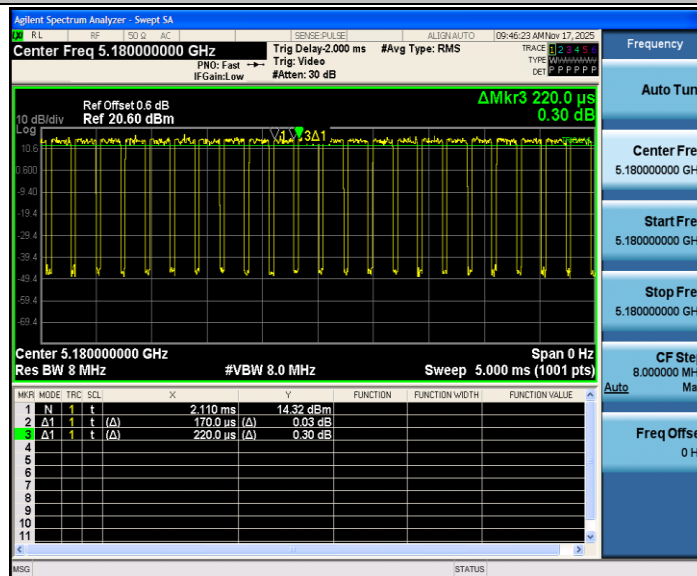
11A_Ant1_5785



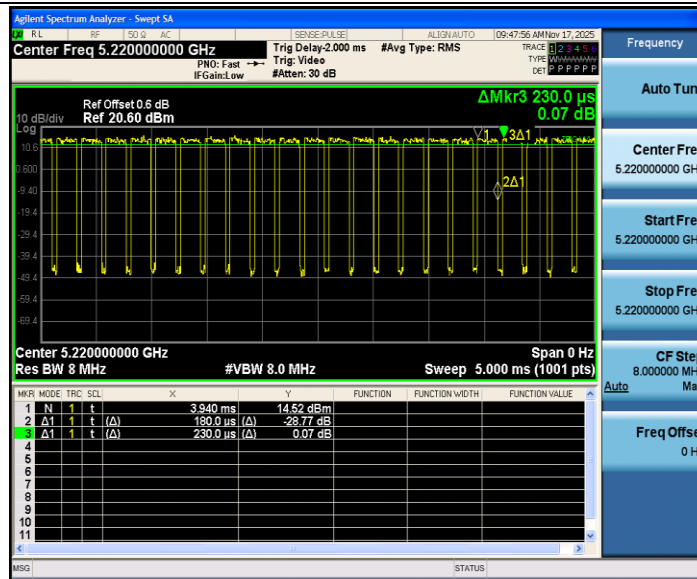
11A_Ant1_5825



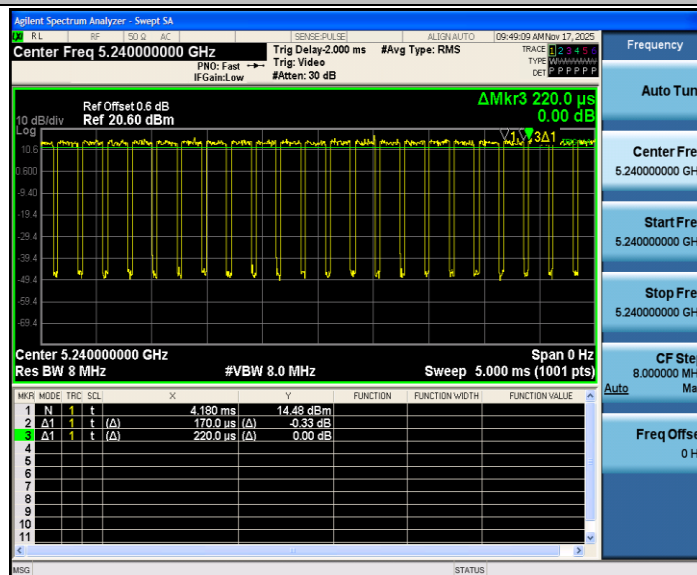
11N20SISO_Ant1_5180



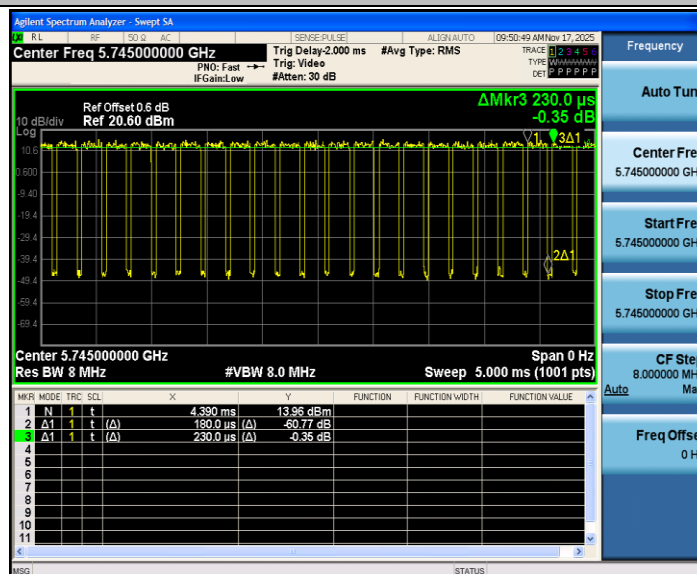
11N20SISO_Ant1_5220

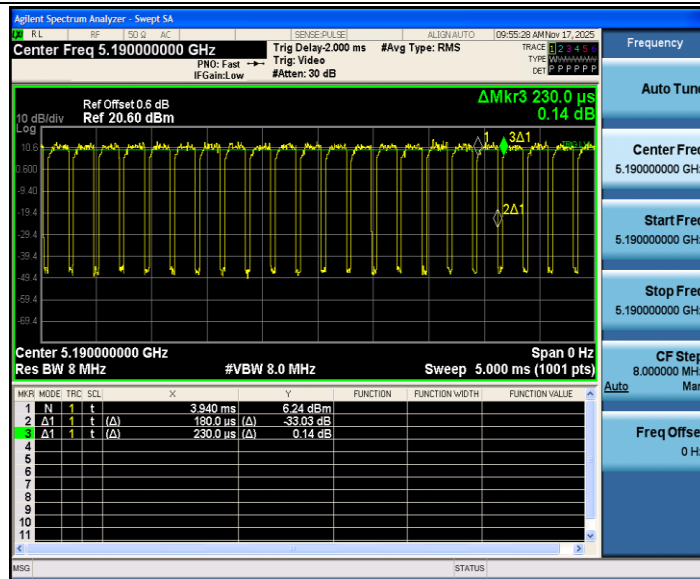


11N20SISO_Ant1_5240

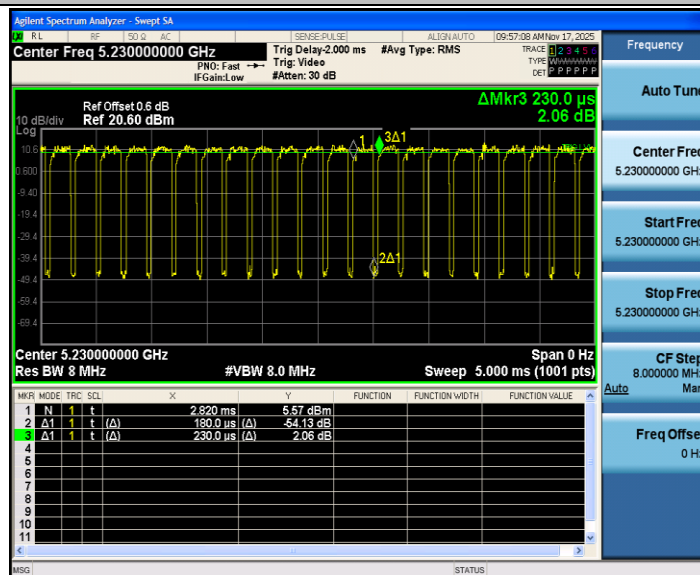


11N20SISO_Ant1_5745

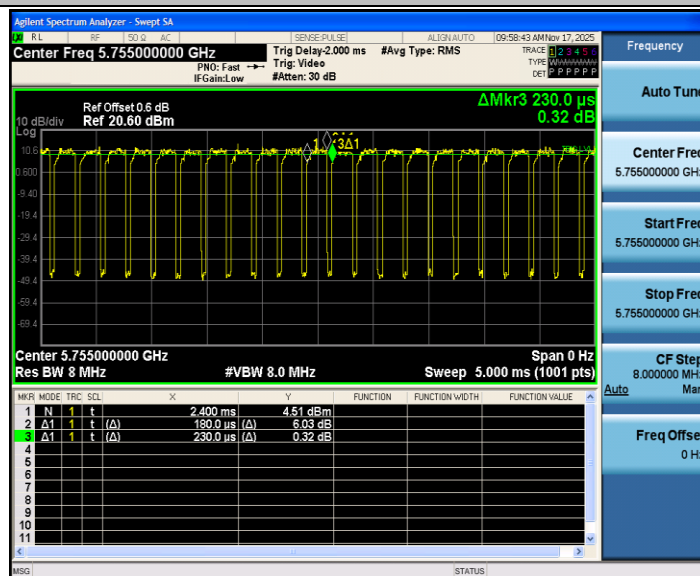




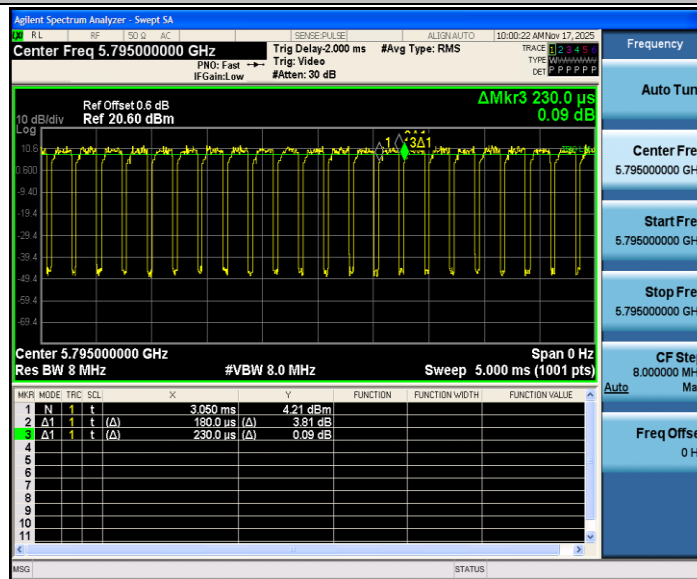
11N40SISO_Ant1_5230



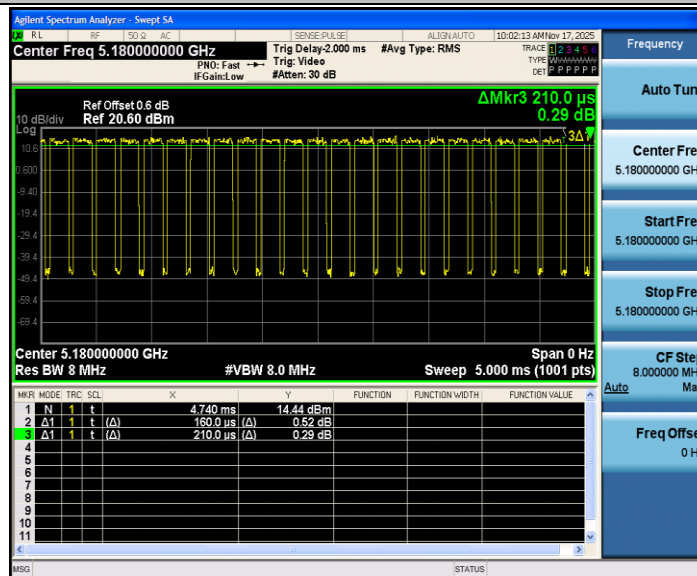
11N40SISO_Ant1_5755



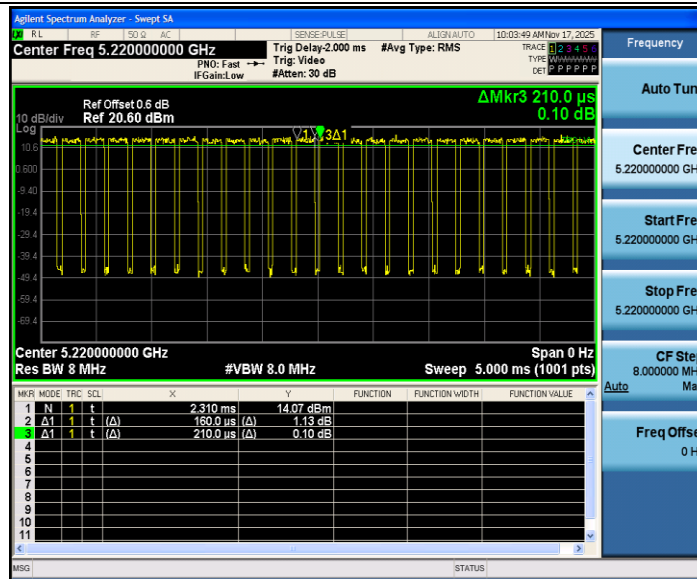
11N40SISO_Ant1_5795



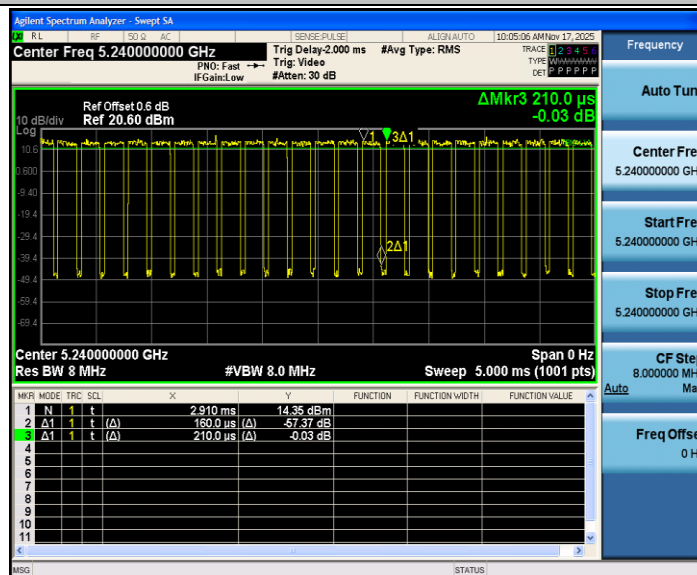
11AC20SISO_Ant1_5180



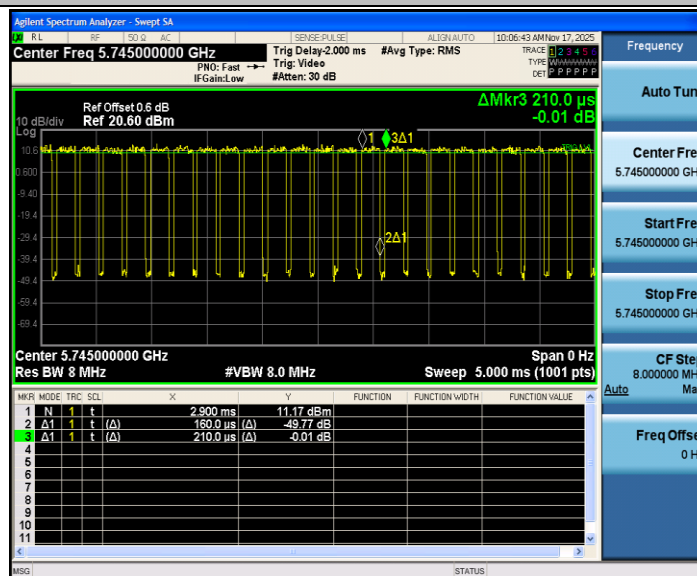
11AC20SISO_Ant1_5220



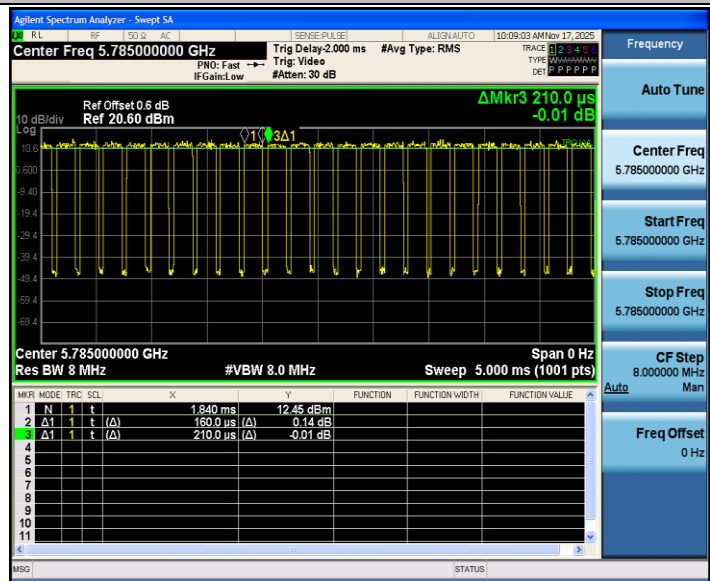
11AC20SISO_Ant1_5240



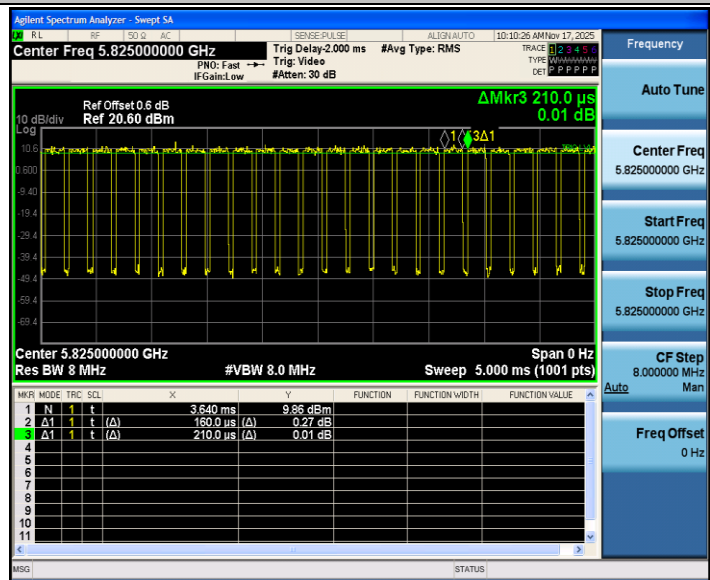
11AC20SISO_Ant1_5745



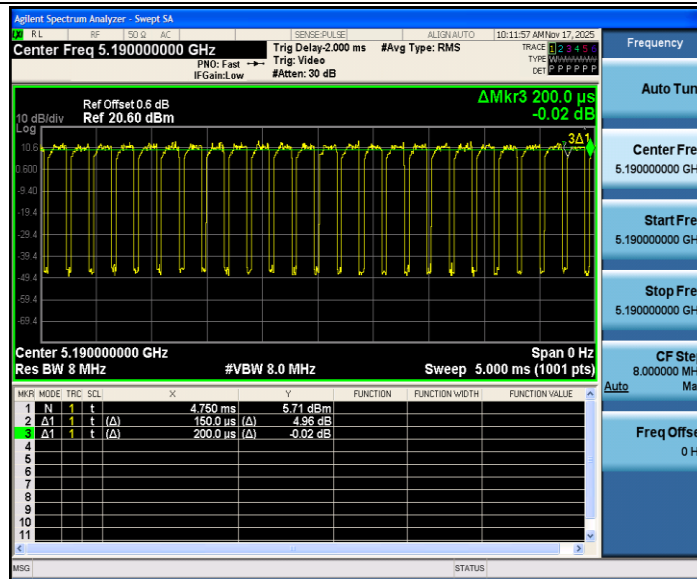
11AC20SISO_Ant1_5785



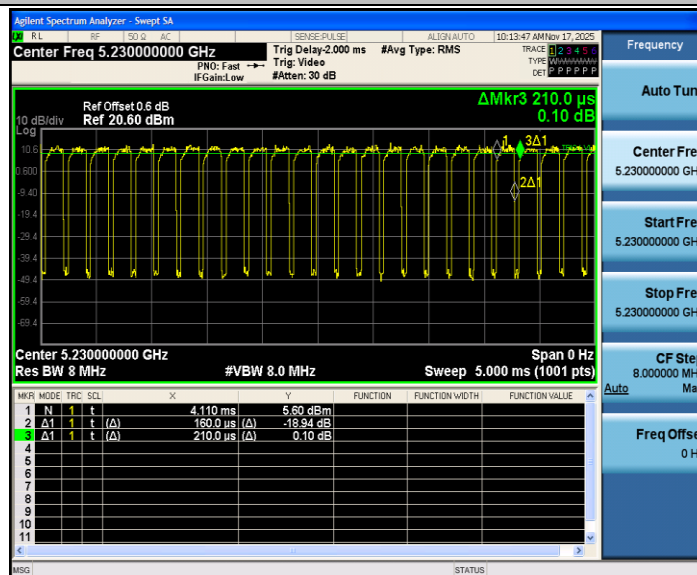
11AC20SISO_Ant1_5825



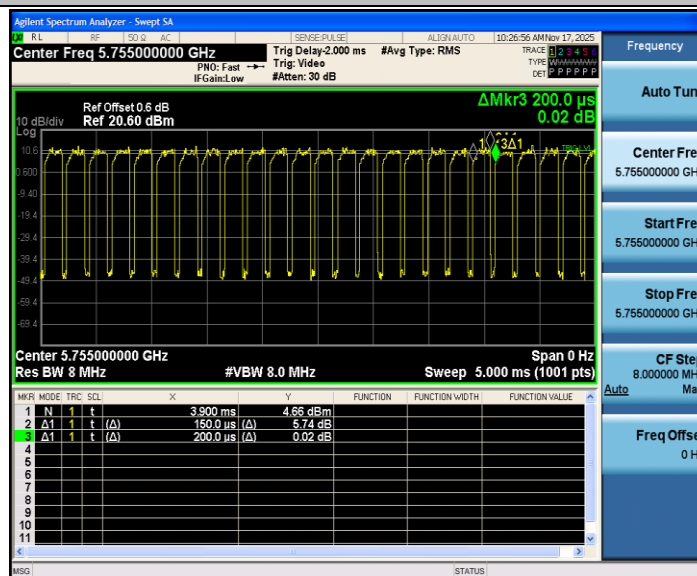
11AC40SISO_Ant1_5190



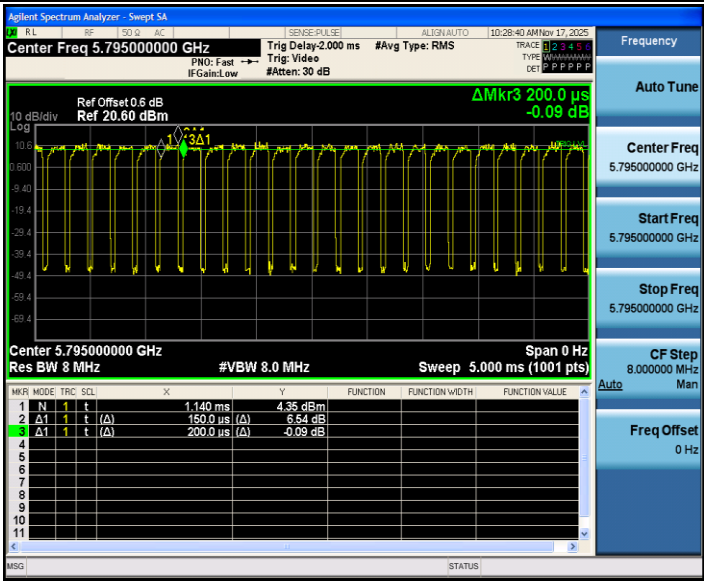
11AC40SISO_Ant1_5230



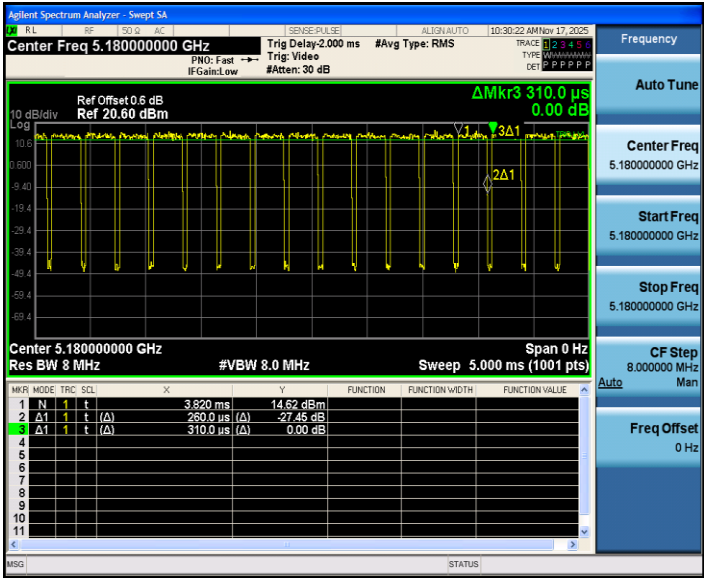
11AC40SISO_Ant1_5755



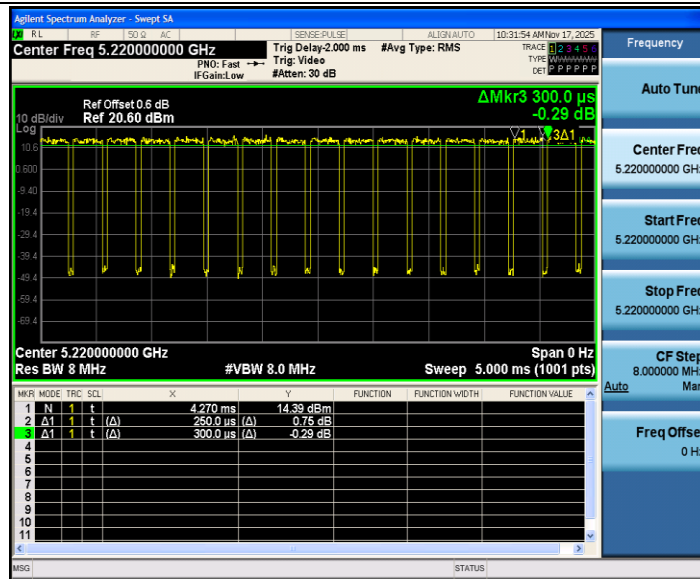
11AC40SISO_Ant1_5795



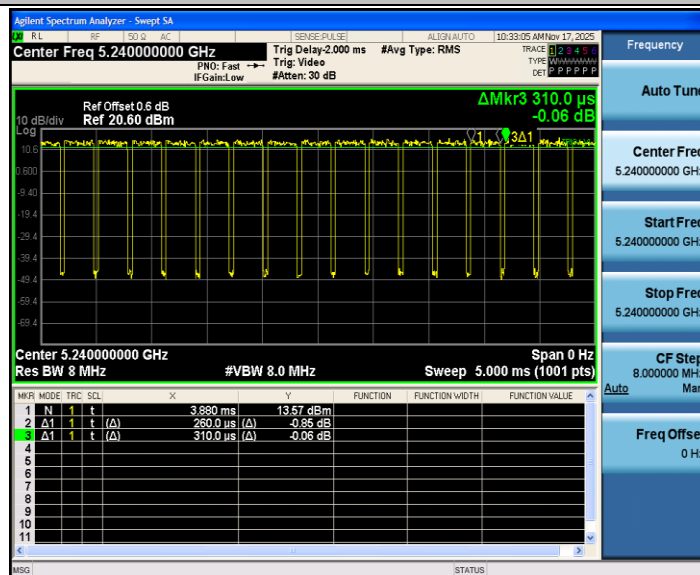
11AX20SISO_Ant1_5180



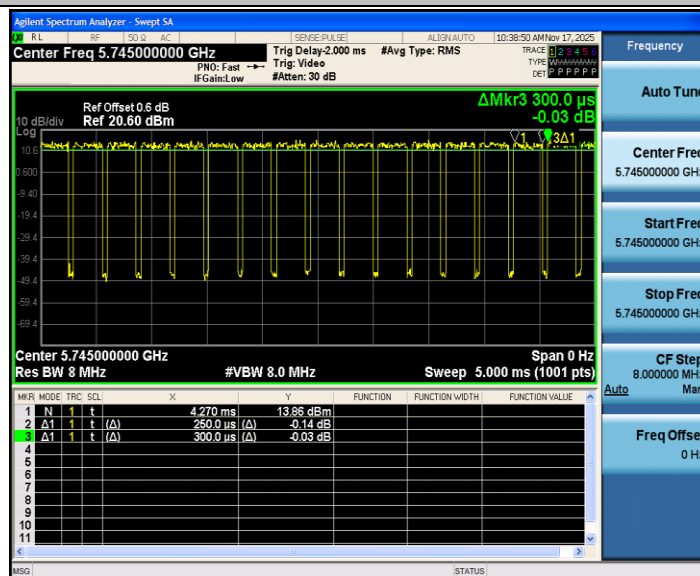
11AX20SISO_Ant1_5220



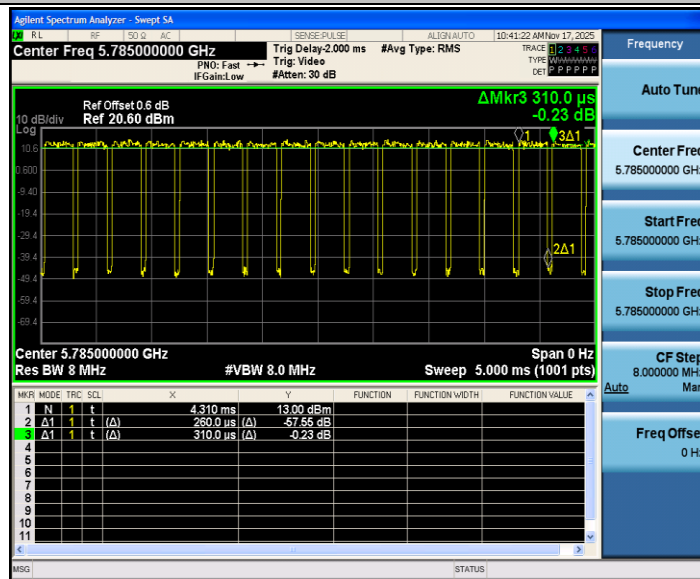
11AX20SISO_Ant1_5240



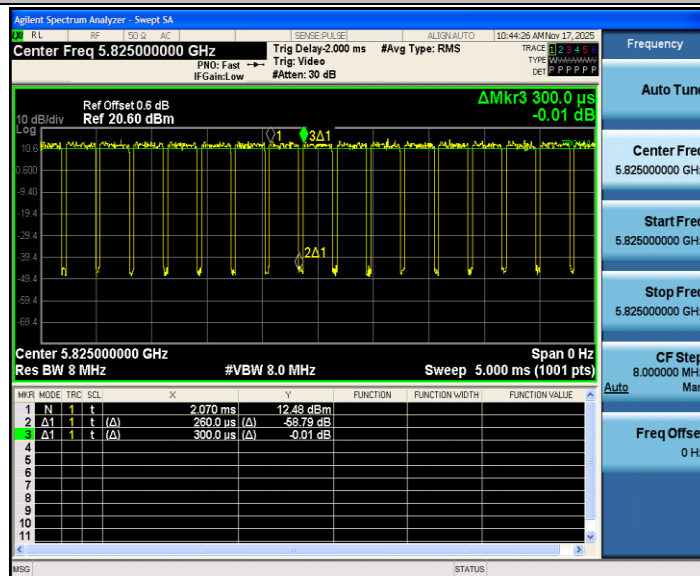
11AX20SISO_Ant1_5745



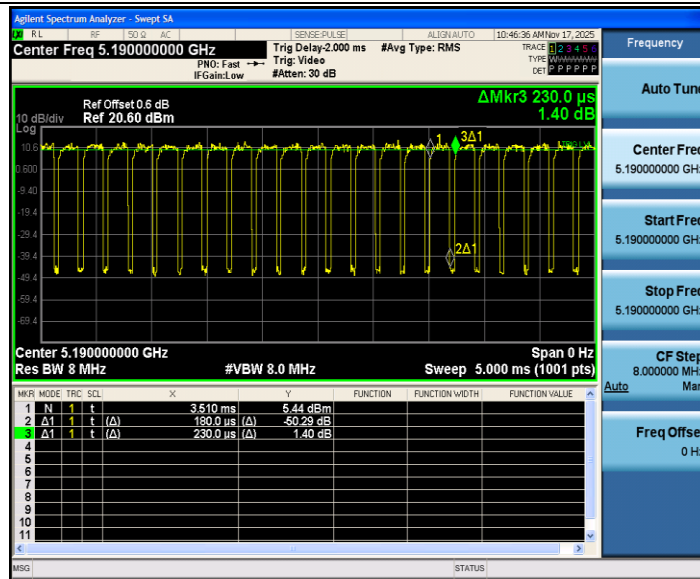
11AX20SISO_Ant1_5785



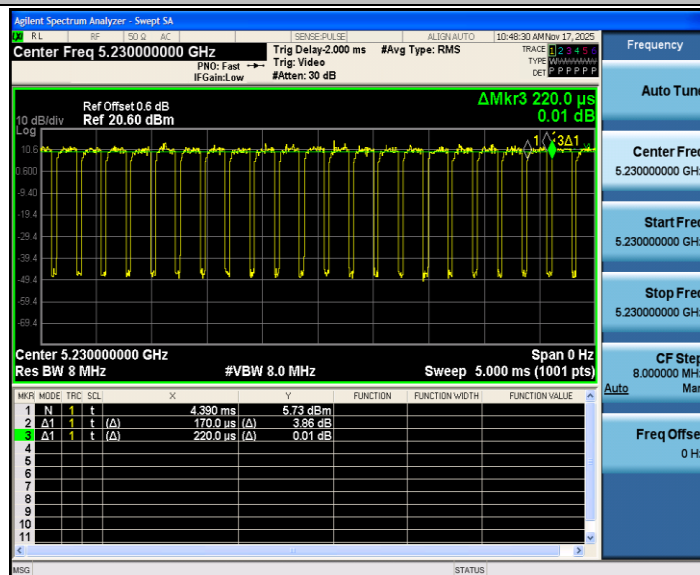
11AX20SISO_Ant1_5825



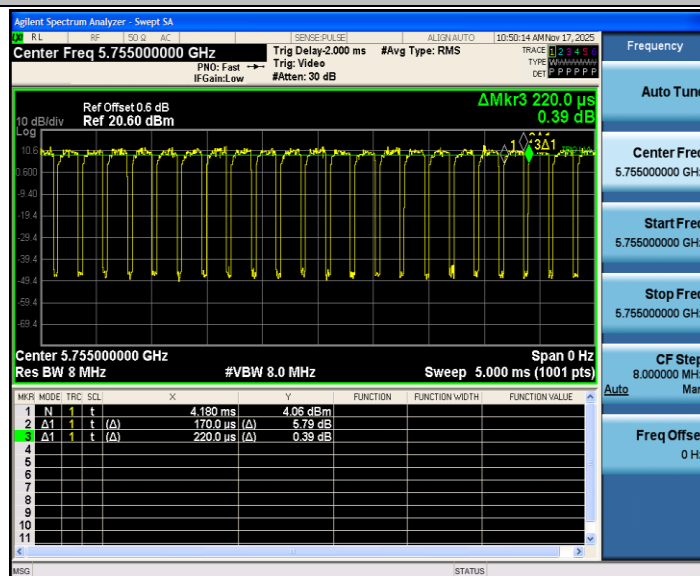
11AX40SISO_Ant1_5190



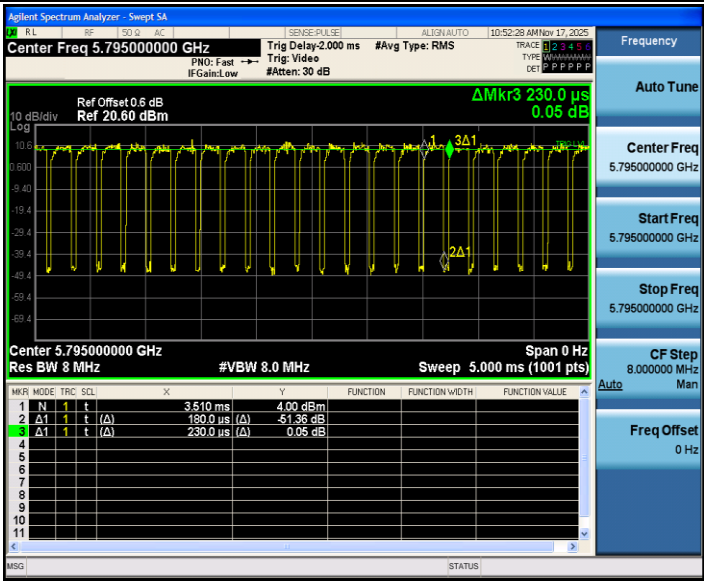
11AX40SISO_Ant1_5230



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



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	10.48	75.00	1.25	11.73	≤23.98	PASS
		5220	10.24	73.68	1.33	11.57	≤23.98	PASS
		5240	10.01	73.68	1.33	11.34	≤23.98	PASS
		5745	9.99	75.00	1.25	11.24	≤30.00	PASS
		5785	9.50	75.00	1.25	10.75	≤30.00	PASS
		5825	9.24	73.68	1.33	10.57	≤30.00	PASS
11N20SI SO	Ant1	5180	10.48	77.27	1.12	11.60	≤23.98	PASS
		5220	10.22	78.26	1.06	11.28	≤23.98	PASS
		5240	10.02	77.27	1.12	11.14	≤23.98	PASS
		5745	10.06	78.26	1.06	11.12	≤30.00	PASS
		5785	9.65	77.27	1.12	10.77	≤30.00	PASS
		5825	9.37	77.27	1.12	10.49	≤30.00	PASS
11N40SI SO	Ant1	5190	10.55	78.26	1.06	11.61	≤23.98	PASS
		5230	10.27	78.26	1.06	11.33	≤23.98	PASS
		5755	10.18	78.26	1.06	11.24	≤30.00	PASS
		5795	9.74	78.26	1.06	10.80	≤30.00	PASS
11AC20S ISO	Ant1	5180	10.40	76.19	1.18	11.58	≤23.98	PASS
		5220	10.15	76.19	1.18	11.33	≤23.98	PASS
		5240	8.77	76.19	1.18	9.95	≤23.98	PASS
		5745	7.69	76.19	1.18	8.87	≤30.00	PASS
		5785	9.20	76.19	1.18	10.38	≤30.00	PASS
		5825	6.62	76.19	1.18	7.80	≤30.00	PASS
11AC40S ISO	Ant1	5190	10.35	75.00	1.25	11.60	≤23.98	PASS
		5230	10.14	76.19	1.18	11.32	≤23.98	PASS
		5755	10.03	75.00	1.25	11.28	≤30.00	PASS
		5795	9.61	75.00	1.25	10.86	≤30.00	PASS
11AX20S ISO	Ant1	5180	10.59	83.87	0.76	11.35	≤23.98	PASS
		5220	10.35	83.33	0.79	11.14	≤23.98	PASS
		5240	10.13	83.87	0.76	10.89	≤23.98	PASS
		5745	10.24	83.33	0.79	11.03	≤30.00	PASS
		5785	9.85	83.87	0.76	10.61	≤30.00	PASS
		5825	9.52	86.67	0.62	10.14	≤30.00	PASS
11AX40S ISO	Ant1	5190	10.21	78.26	1.06	11.27	≤23.98	PASS
		5230	9.96	77.27	1.12	11.08	≤23.98	PASS
		5755	9.90	77.27	1.12	11.02	≤30.00	PASS
		5795	9.41	78.26	1.06	10.47	≤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	0.50	/	1.25	1.75	≤11.00	PASS
		5220	0.24	/	1.33	1.57	≤11.00	PASS
		5240	0.05	/	1.33	1.38	≤11.00	PASS
		5745	-5.69	2.22	1.25	-2.22	≤30.00	PASS
		5785	-5.84	2.22	1.25	-2.37	≤30.00	PASS
		5825	-5.75	2.22	1.33	-2.20	≤30.00	PASS
11N20SISO	Ant1	5180	0.16	/	1.12	1.28	≤11.00	PASS
		5220	0.00	/	1.06	1.06	≤11.00	PASS
		5240	0.08	/	1.12	1.20	≤11.00	PASS
		5745	-5.47	2.22	1.06	-2.19	≤30.00	PASS
		5785	-6.04	2.22	1.12	-2.70	≤30.00	PASS
		5825	-6.05	2.22	1.12	-2.71	≤30.00	PASS
11N40SISO	Ant1	5190	-3.31	/	1.06	-2.25	≤11.00	PASS
		5230	-3.20	/	1.06	-2.14	≤11.00	PASS
		5755	-8.74	2.22	1.06	-5.46	≤30.00	PASS
		5795	-8.92	2.22	1.06	-5.64	≤30.00	PASS

11AC20SISO	Ant1	5180	0.35	/	1.18	1.53	≤11.00	PASS
		5220	-0.01	/	1.18	1.17	≤11.00	PASS
		5240	-2.53	/	1.18	-1.35	≤11.00	PASS
		5745	-7.54	2.22	1.18	-4.14	≤30.00	PASS
		5785	-6.47	2.22	1.18	-3.07	≤30.00	PASS
		5825	-8.85	2.22	1.18	-5.45	≤30.00	PASS
11AC40SISO	Ant1	5190	-3.33	/	1.25	-2.08	≤11.00	PASS
		5230	-3.55	/	1.18	-2.37	≤11.00	PASS
		5755	-8.06	2.22	1.25	-4.59	≤30.00	PASS
		5795	-9.12	2.22	1.25	-5.65	≤30.00	PASS
11AX20SISO	Ant1	5180	0.17	/	0.76	0.93	≤11.00	PASS
		5220	0.10	/	0.79	0.89	≤11.00	PASS
		5240	-0.39	/	0.76	0.37	≤11.00	PASS
		5745	-5.73	2.22	0.79	-2.72	≤30.00	PASS
		5785	-6.20	2.22	0.76	-3.22	≤30.00	PASS
		5825	-6.67	2.22	0.62	-3.83	≤30.00	PASS
11AX40SISO	Ant1	5190	-3.12	/	1.06	-2.06	≤11.00	PASS
		5230	-3.75	/	1.12	-2.63	≤11.00	PASS
		5755	-9.24	2.22	1.12	-5.90	≤30.00	PASS
		5795	-9.36	2.22	1.06	-6.08	≤30.00	PASS

Note:

- 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
- 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. Total Power Spectral Density (dBm/MHz)= Power Spectral Density (dBm/MHz)+ Duty Factor (dB)
4. Remark: P.S.D(dBm/500KHz)= P.S.D(dBm/300KHz)+10 log (500 kHz/300KHz)+Duty factor.
5. RBW factor = 10 log (500 KHz / 300 KHz) = 2.22 dB

Test Graphs

