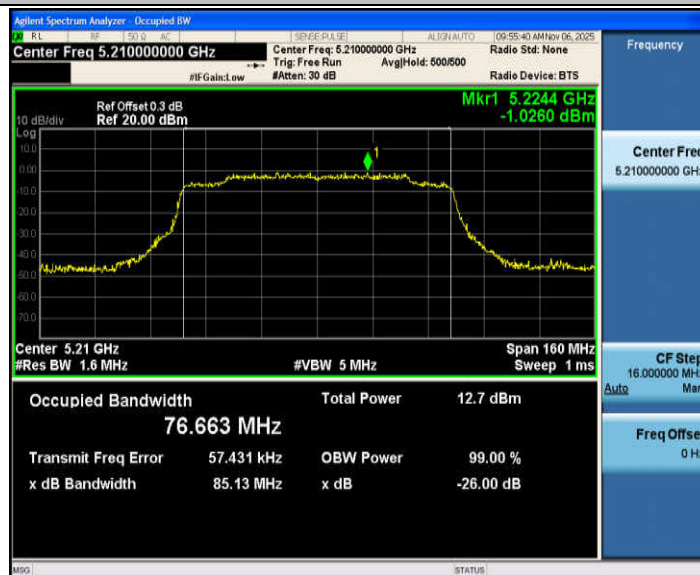
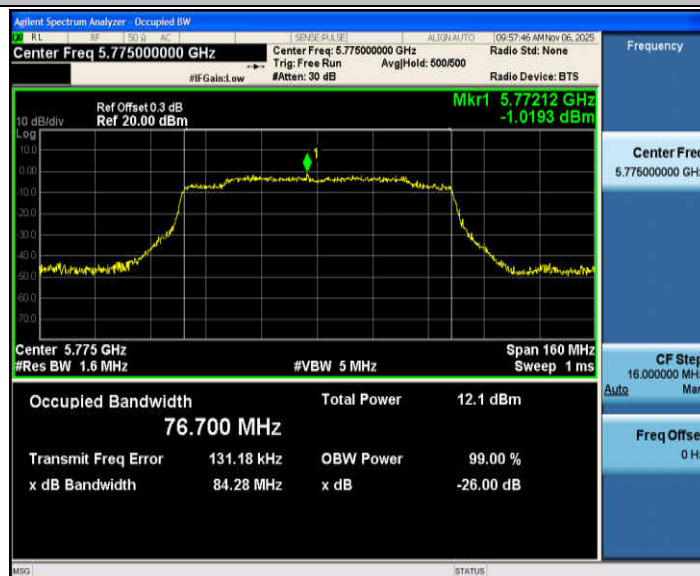




11AX80SISO_Ant1_5210



11AX80SISO_Ant1_5775



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	17.520	5736.240	5753.760	0.5	PASS
		5785	17.560	5776.240	5793.800	0.5	PASS
		5825	17.560	5816.240	5833.800	0.5	PASS
11N40SISO	Ant1	5755	36.080	5737.080	5773.160	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	17.560	5816.240	5833.800	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
11AC80SISO	Ant1	5775	75.040	5737.400	5812.440	0.5	PASS
11AX20SISO	Ant1	5745	18.200	5735.840	5754.040	0.5	PASS
		5785	18.560	5775.840	5794.400	0.5	PASS
		5825	18.360	5815.840	5834.200	0.5	PASS
11AX40SISO	Ant1	5755	37.680	5736.280	5773.960	0.5	PASS
		5795	37.600	5776.280	5813.880	0.5	PASS
11AX80SISO	Ant1	5775	75.200	5737.400	5812.600	0.5	PASS

Test Graphs B4





11N20SISO_Ant1_5745



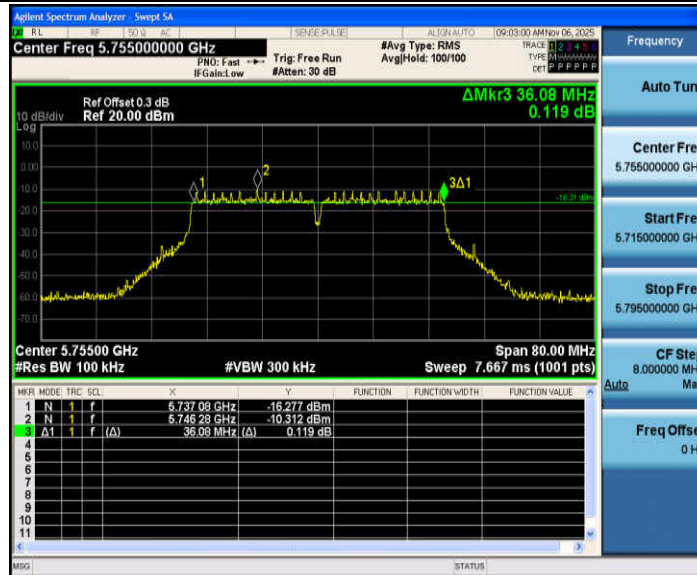
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



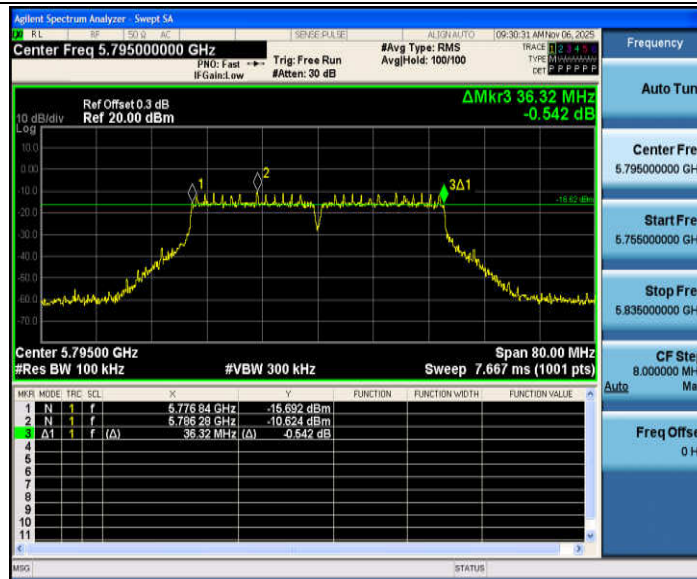
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



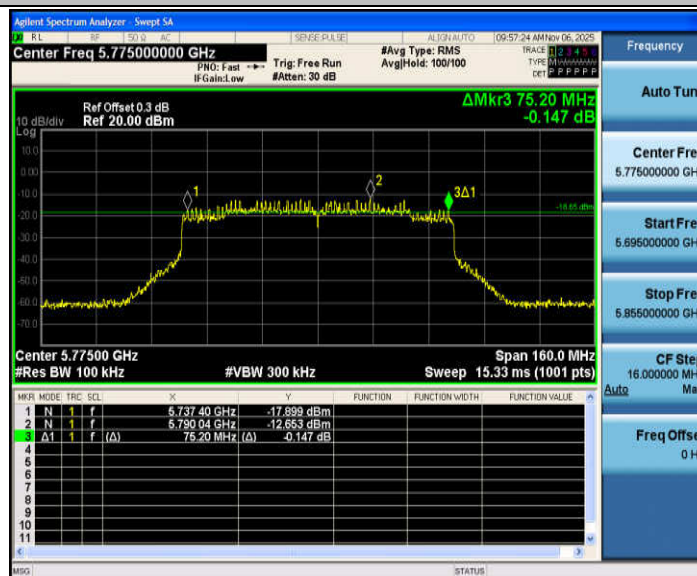
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775



Appendix B: Duty Cycle

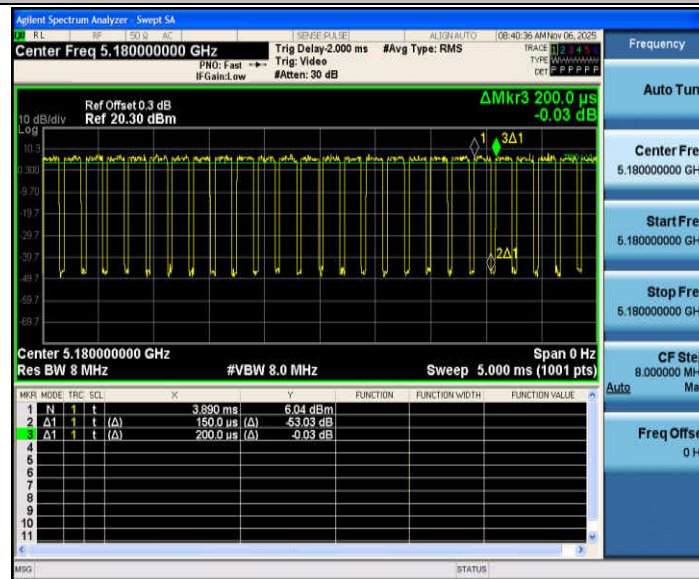
Test Result

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	0.15	0.19	78.95	1.03	---	---
		5745	0.15	0.20	75.00	1.25	---	---
		5785	0.14	0.19	73.68	1.33	---	---
		5825	0.15	0.20	75.00	1.25	---	---
11N20SISO	Ant1	5180	0.17	0.22	77.27	1.12	---	---
		5220	0.17	0.22	77.27	1.12	---	---
		5240	0.17	0.22	77.27	1.12	---	---
		5745	0.18	0.23	78.26	1.06	---	---
		5785	0.18	0.23	78.26	1.06	---	---
		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	0.16	0.21	76.19	1.18	---	---
		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	---	---
11AC80SISO	Ant1	5210	0.16	0.21	76.19	1.18	---	---
		5775	0.17	0.22	77.27	1.12	---	---
11AX20SISO	Ant1	5180	0.26	0.31	83.87	0.76	---	---
		5220	0.25	0.30	83.33	0.79	---	---
		5240	0.25	0.30	83.33	0.79	---	---
		5745	0.26	0.31	83.87	0.76	---	---
		5785	0.25	0.30	83.33	0.79	---	---
		5825	0.26	0.31	83.87	0.76	---	---
11AX40SISO	Ant1	5190	0.18	0.23	78.26	1.06	---	---
		5230	0.17	0.22	77.27	1.12	---	---

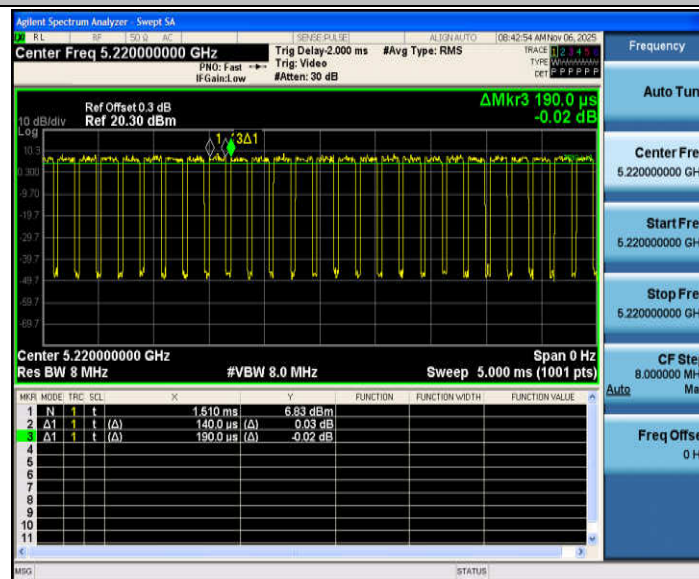
11AX80SISO	Ant1	5755	0.18	0.23	78.26	1.06	---	---
		5795	0.18	0.23	78.26	1.06	---	---
		5210	0.16	0.21	76.19	1.18	---	---
		5775	0.15	0.20	75.00	1.25	---	---

Test Graphs

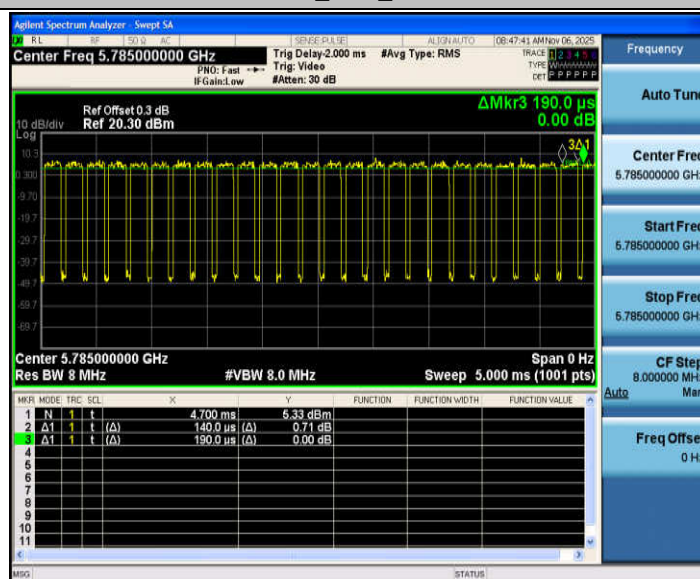
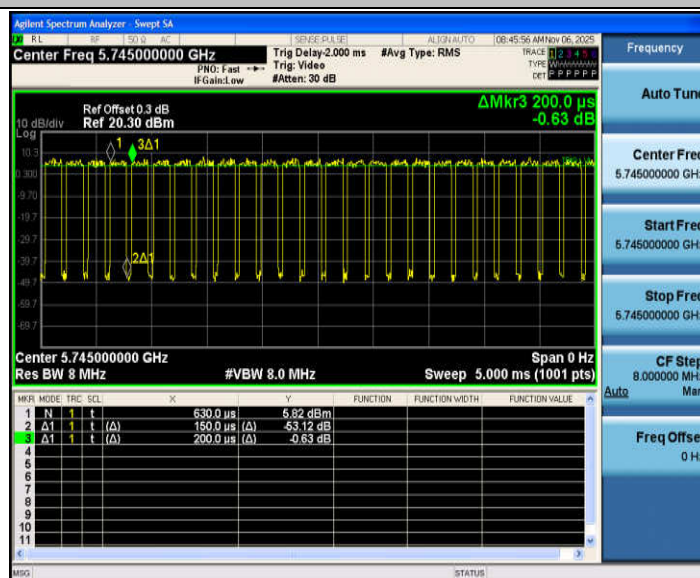
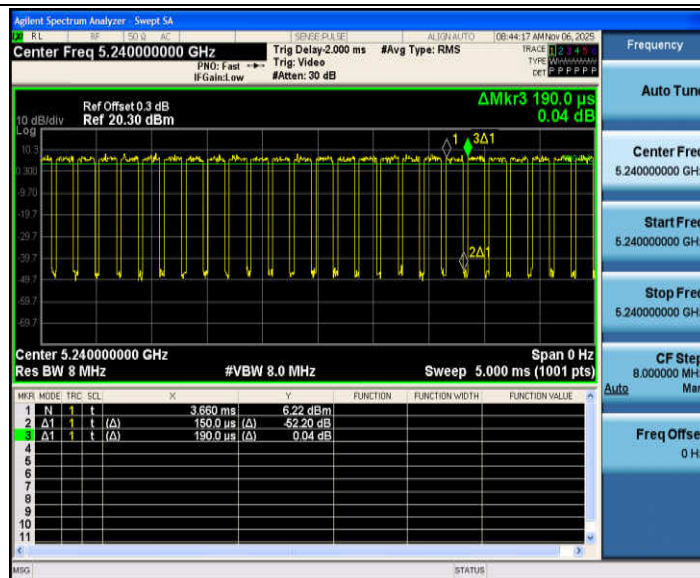
11A_Ant1_5180



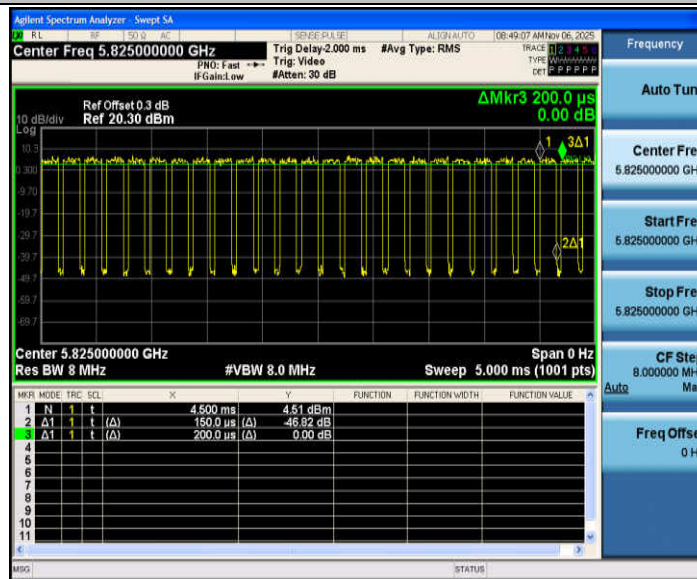
11A_Ant1_5220



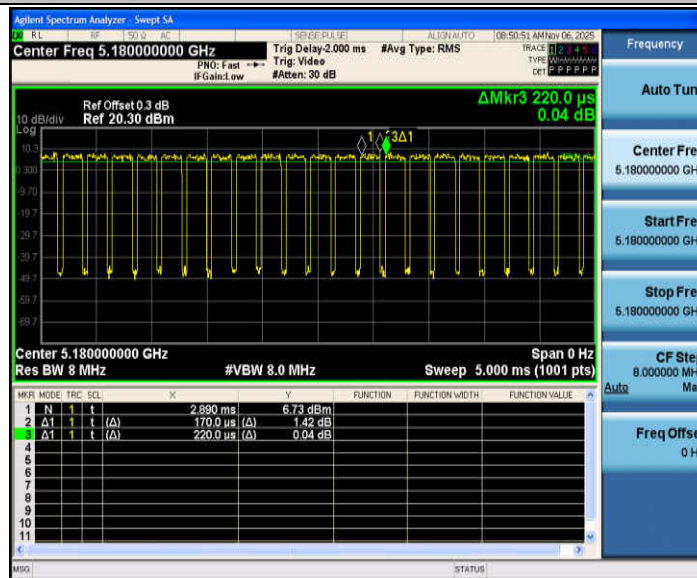
11A_Ant1_5240



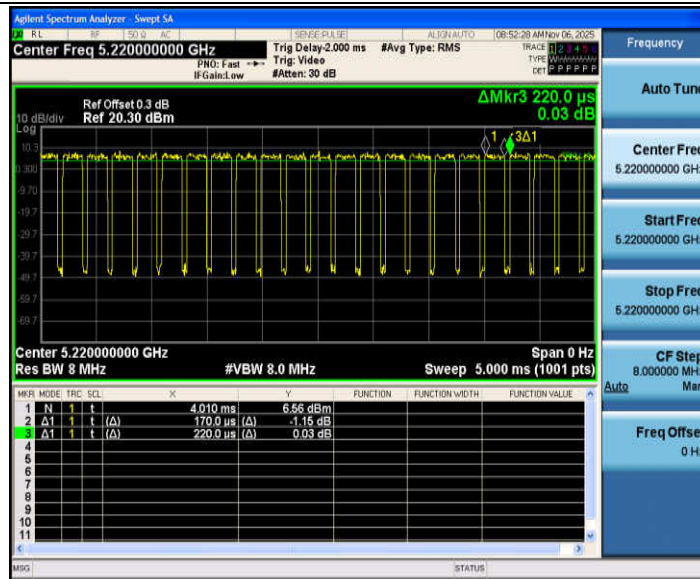
11A_Ant1_5825



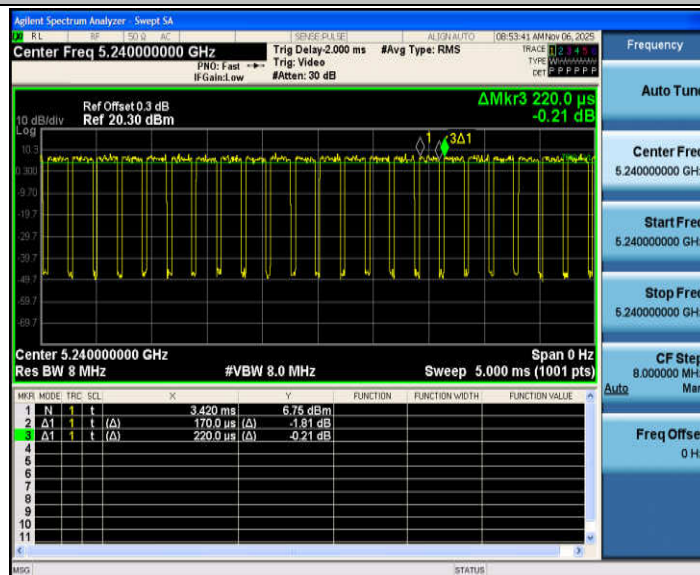
11N20SISO_Ant1_5180



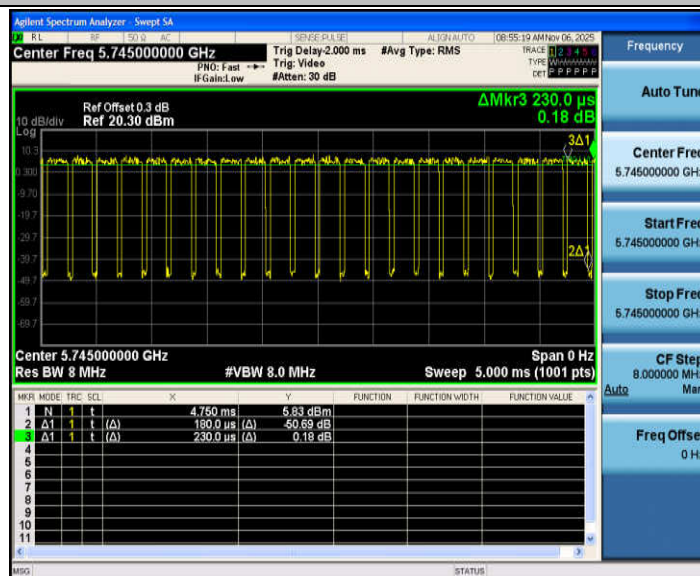
11N20SISO_Ant1_5220



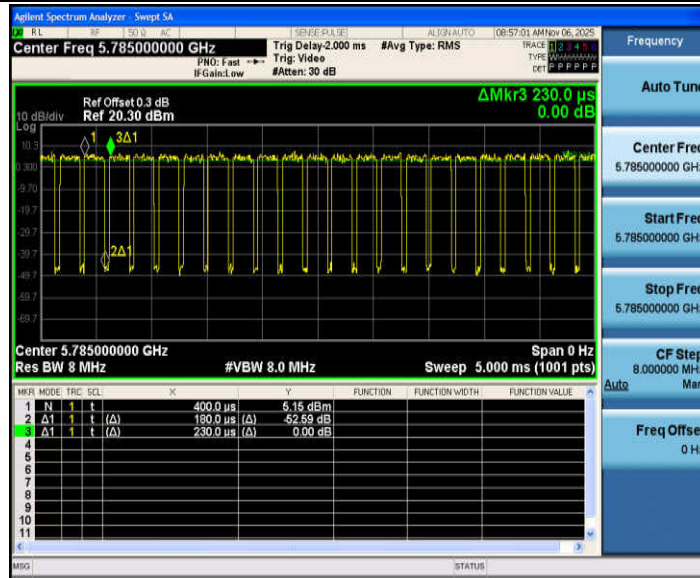
11N20SISO_Ant1_5240



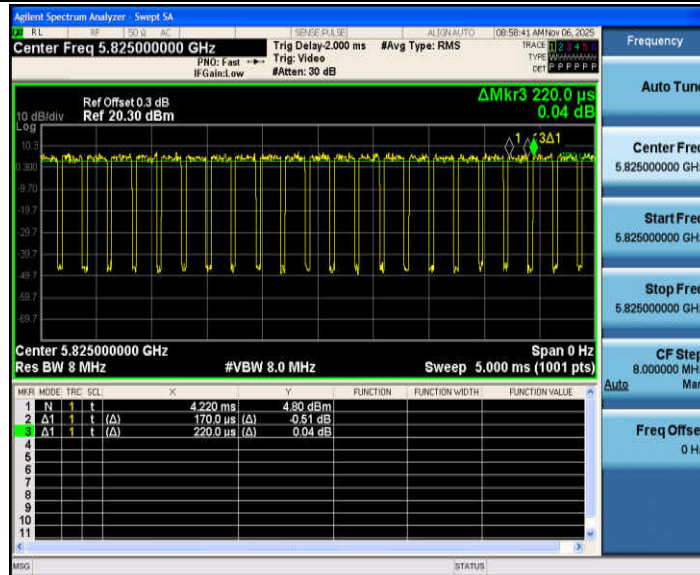
11N20SISO_Ant1_5745



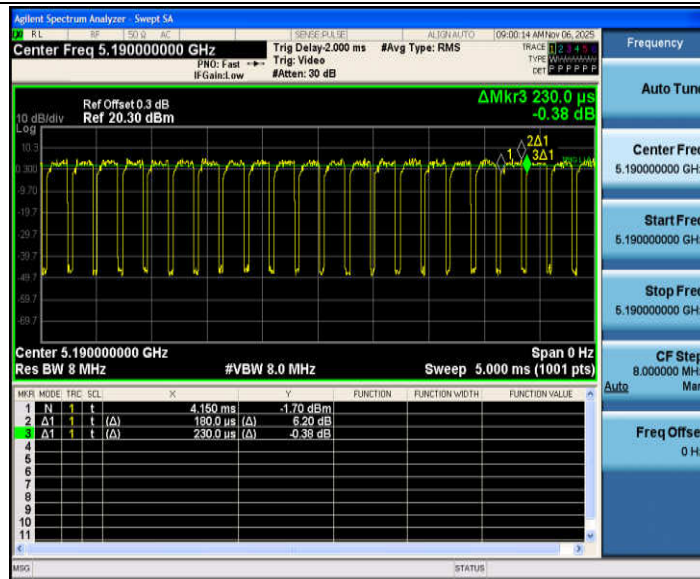
11N20SISO_Ant1_5785



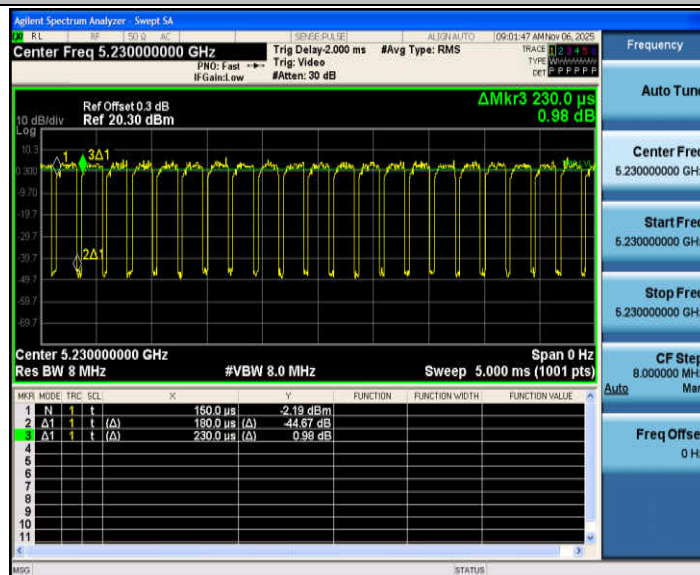
11N20SISO_Ant1_5825



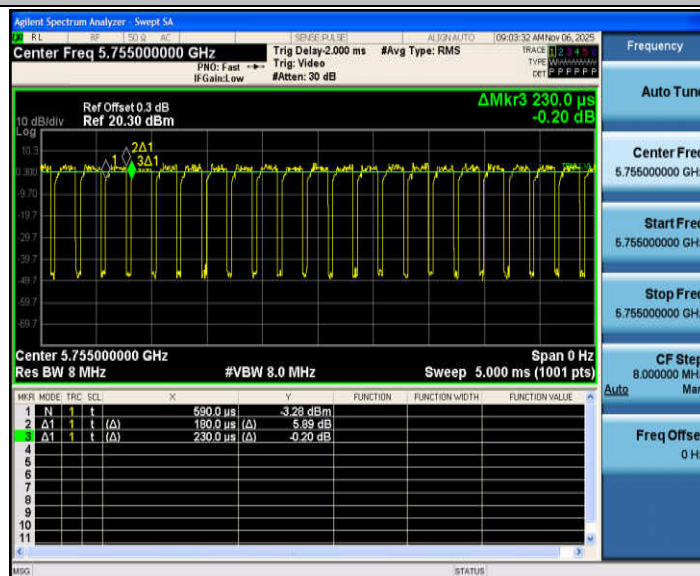
11N40SISO_Ant1_5190



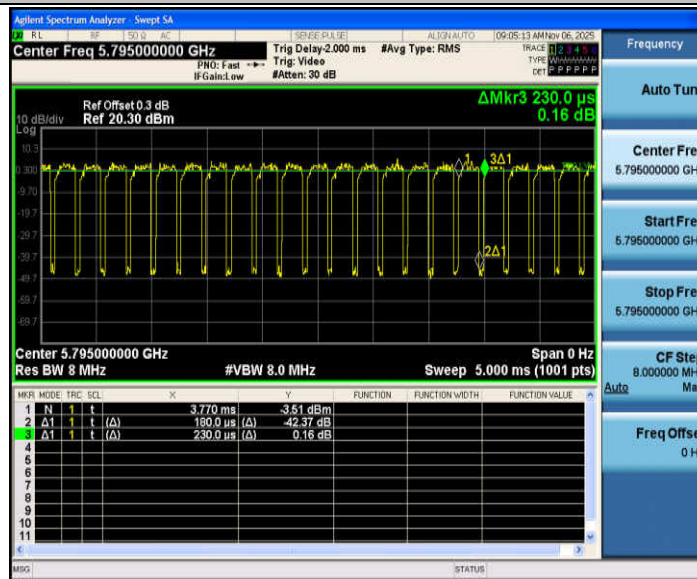
11N40SISO_Ant1_5230



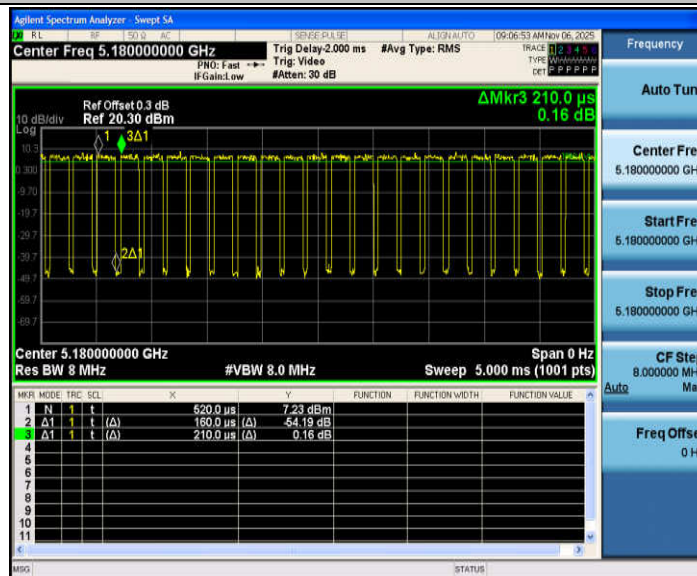
11N40SISO_Ant1_5755



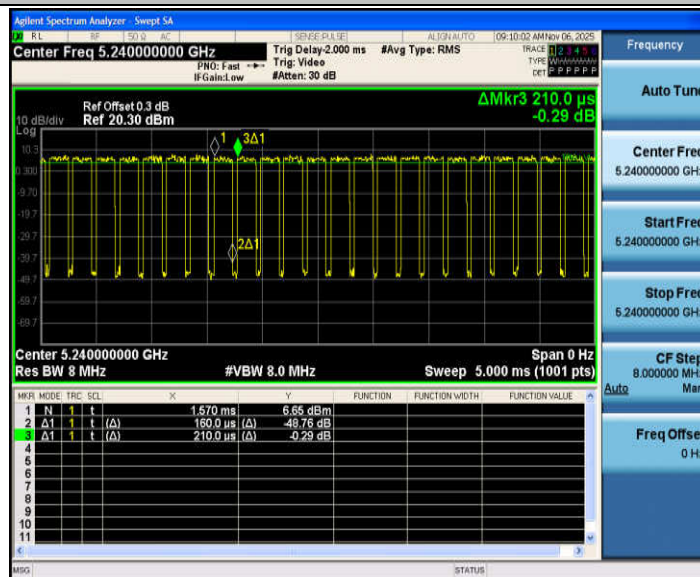
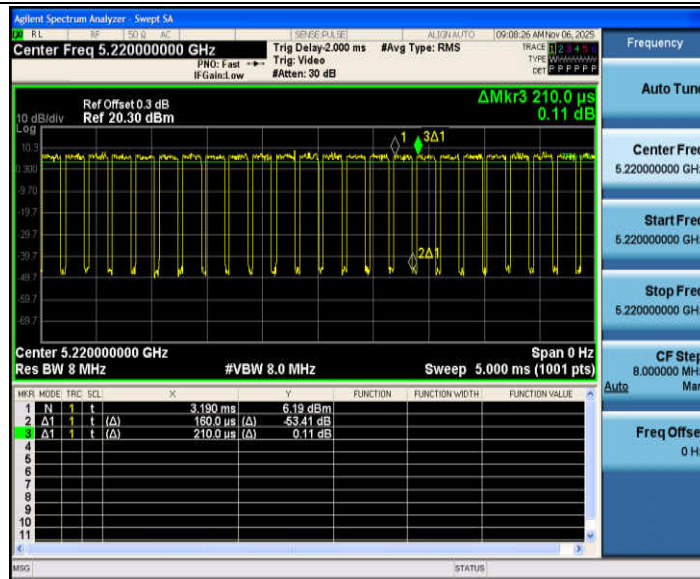
11N40SISO_Ant1_5795



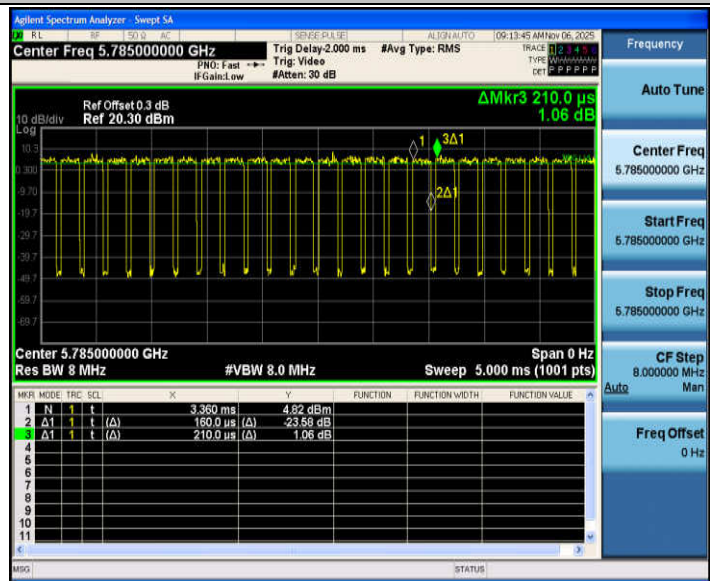
11AC20SISO_Ant1_5180



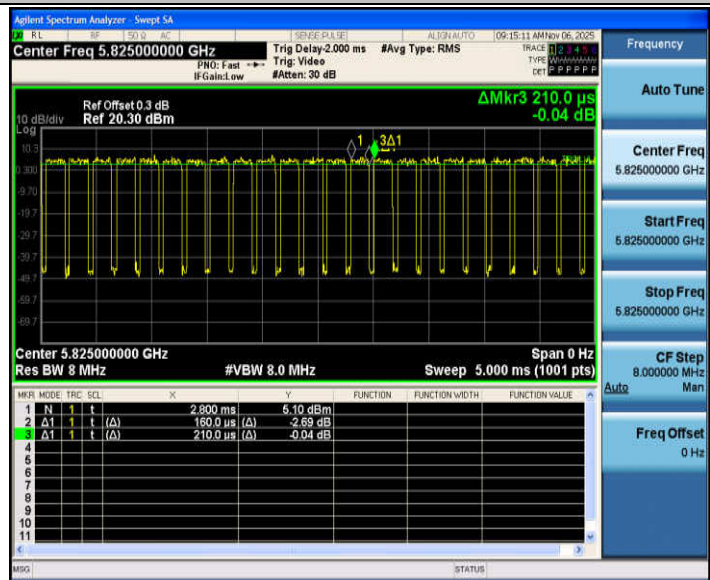
11AC20SISO_Ant1_5220



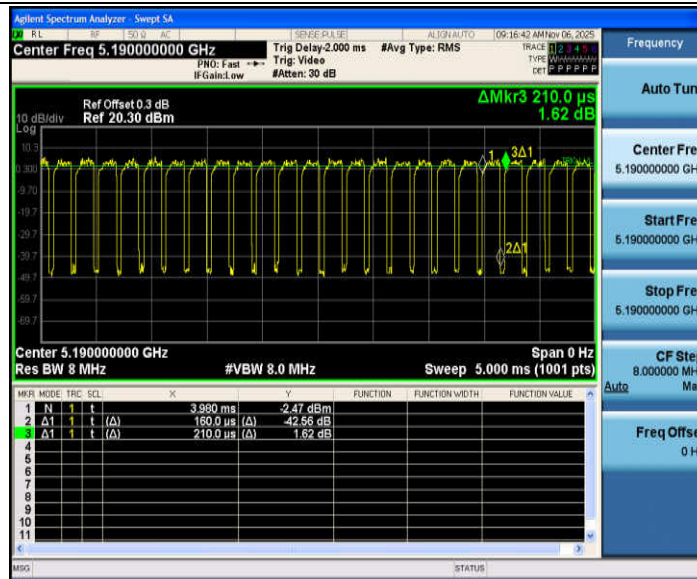
11AC20SISO_Ant1_5785



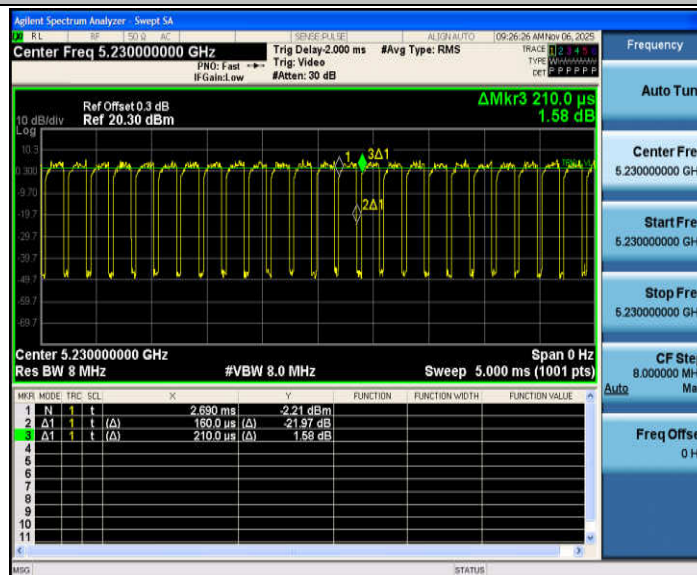
11AC20SISO_Ant1_5825



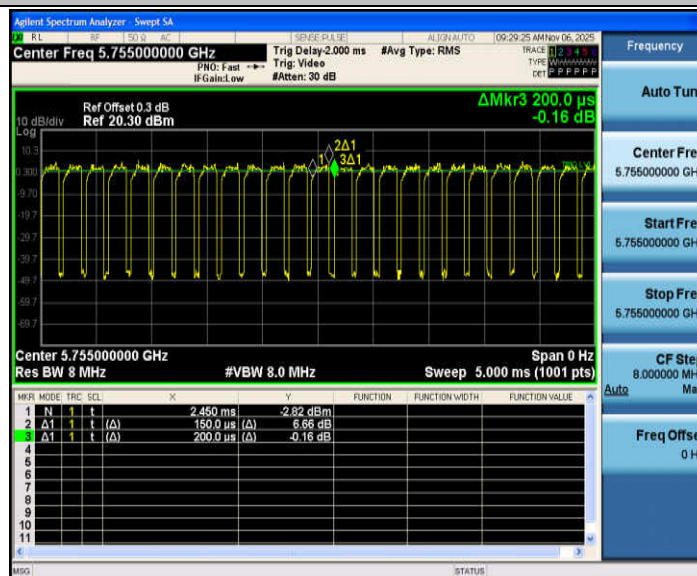
11AC40SISO_Ant1_5190



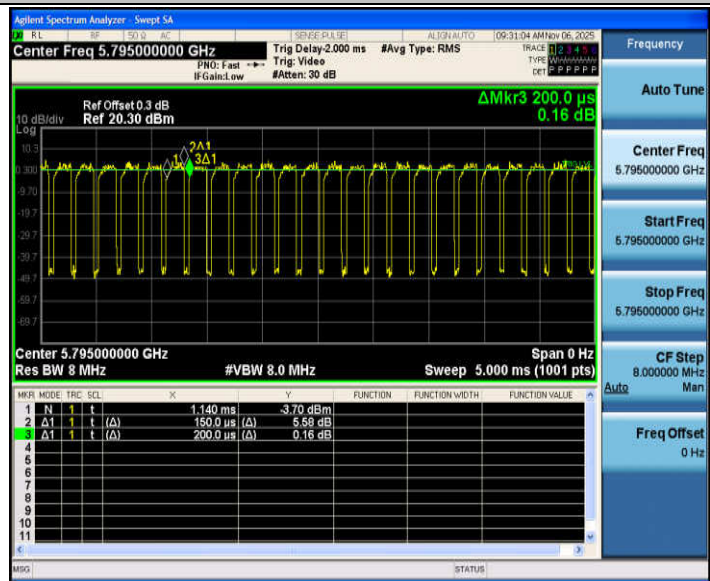
11AC40ISO_Ant1_5230



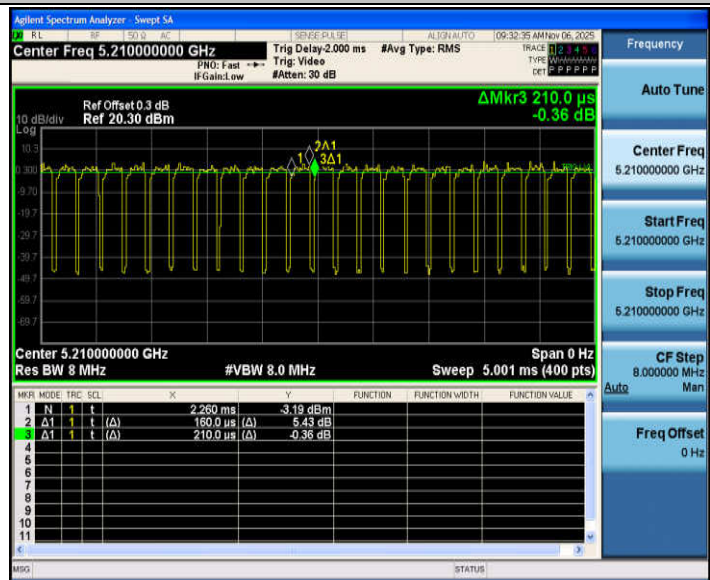
11AC40ISO_Ant1_5755



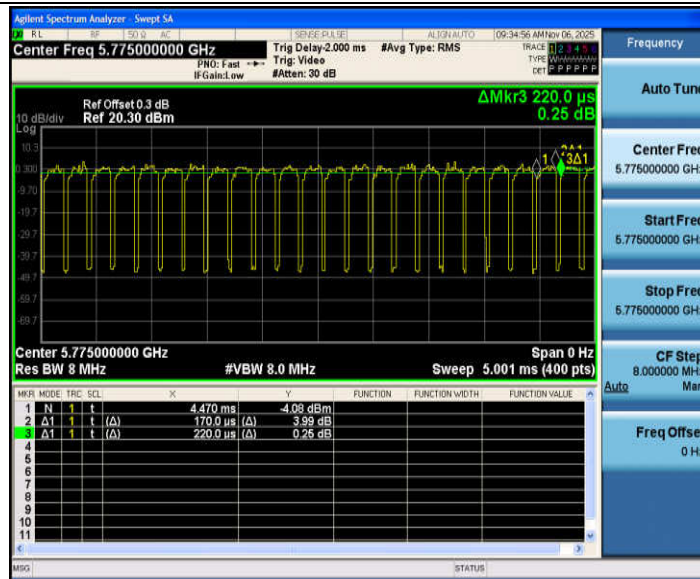
11AC40SISO_Ant1_5795



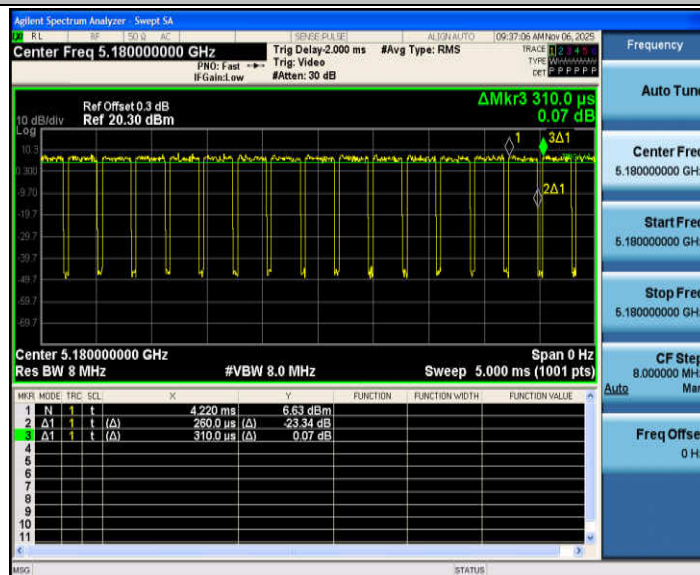
11AC80SISO_Ant1_5210



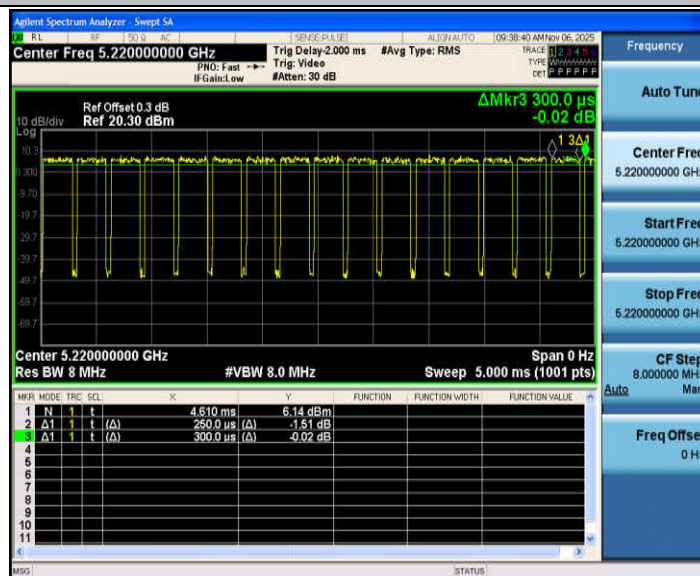
11AC80SISO_Ant1_5775



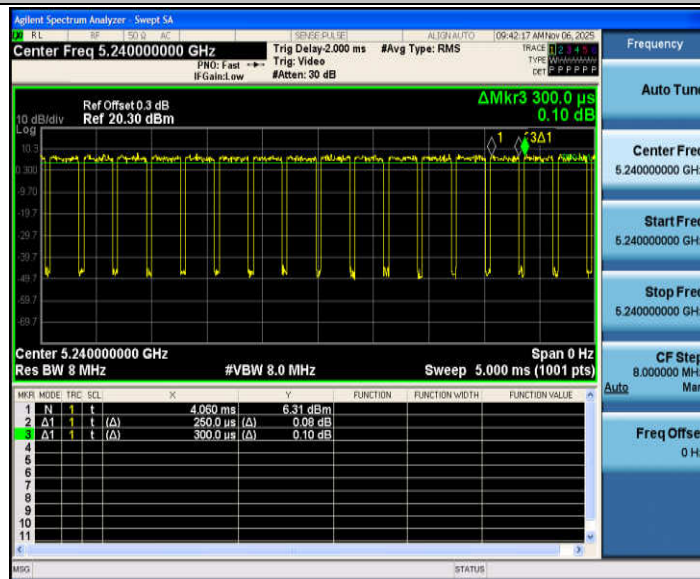
11AX20SISO_Ant1_5180



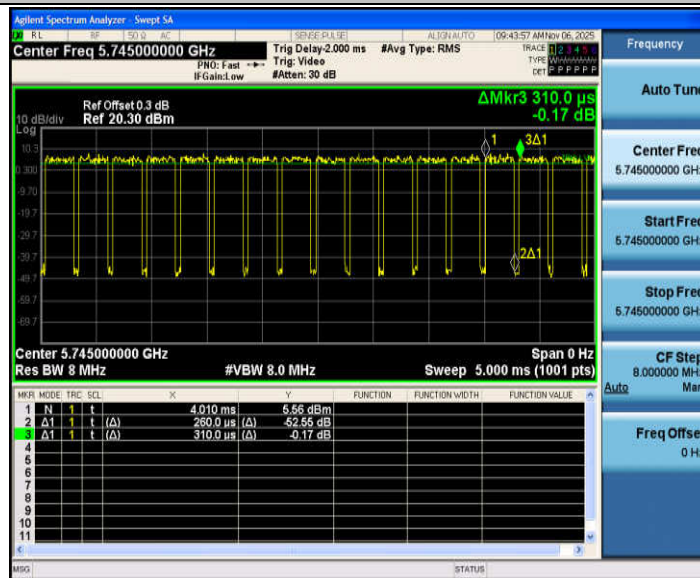
11AX20SISO_Ant1_5220



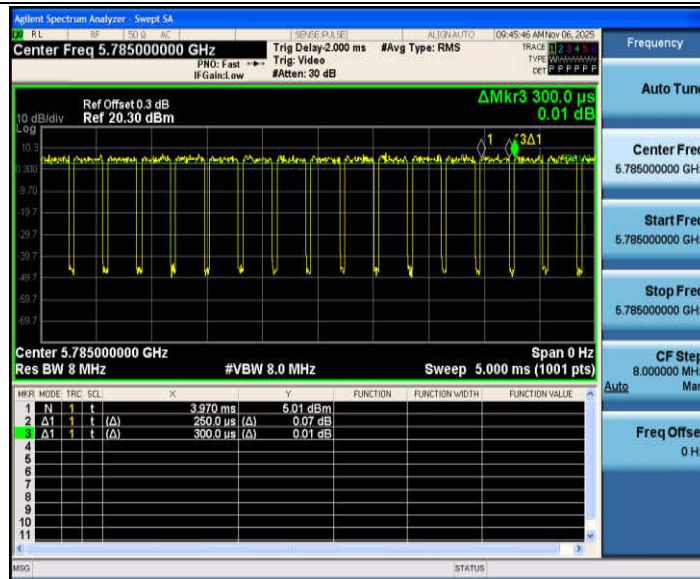
11AX20SISO_Ant1_5240



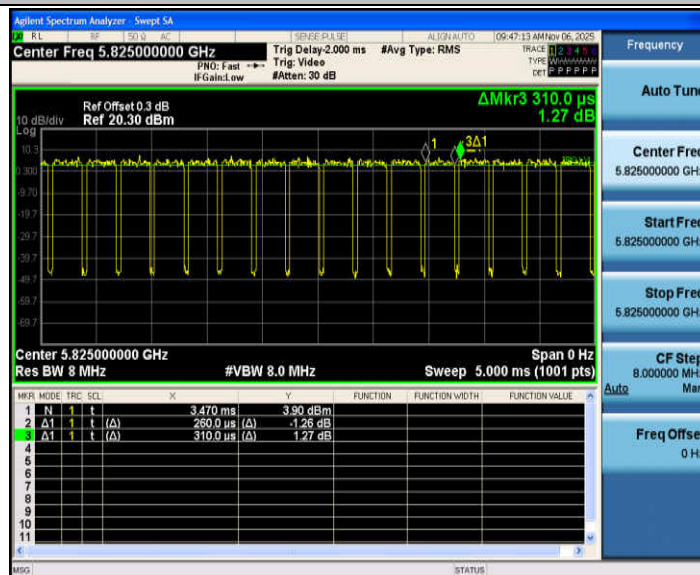
11AX20SISO_Ant1_5745



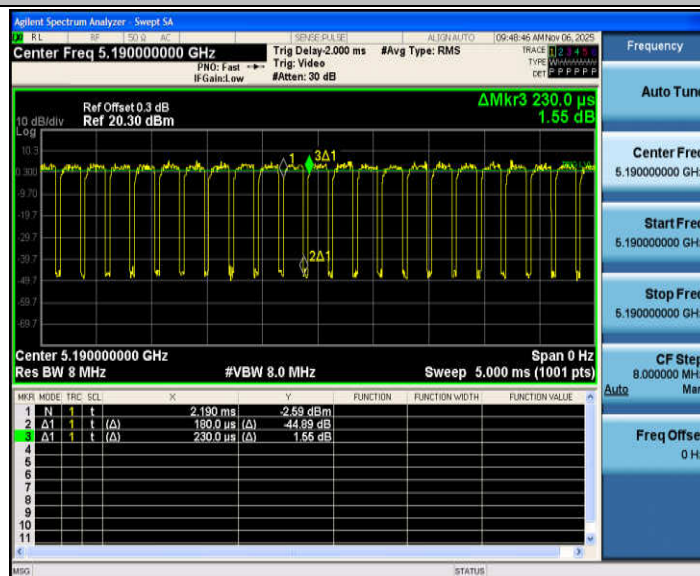
11AX20SISO_Ant1_5785



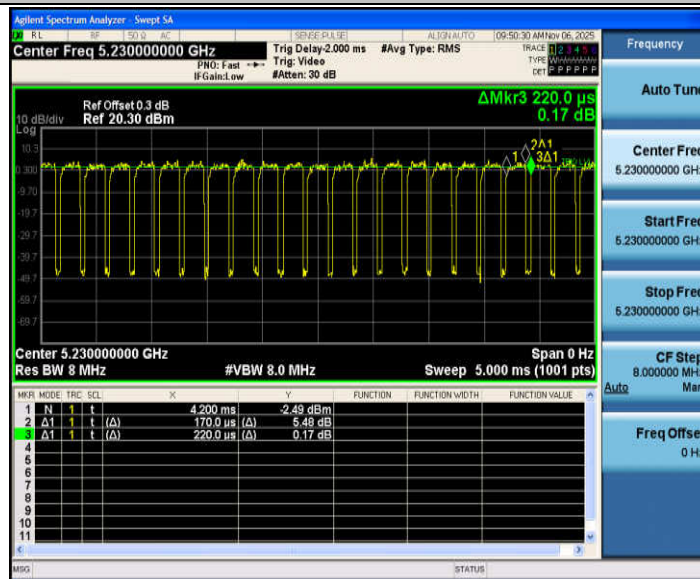
11AX20ISO_Ant1_5825



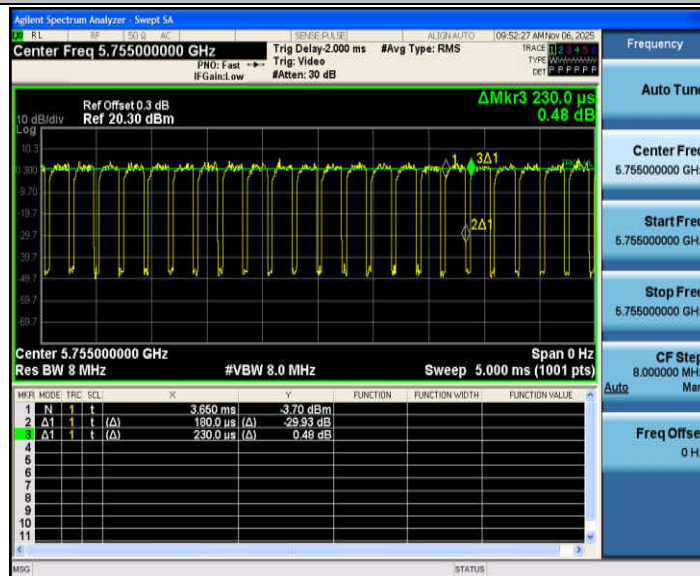
11AX40ISO_Ant1_5190



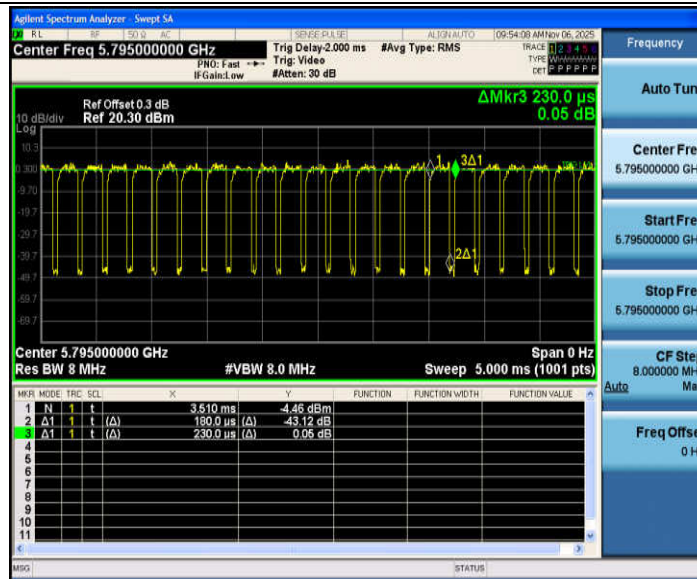
11AX40SISO_Ant1_5230



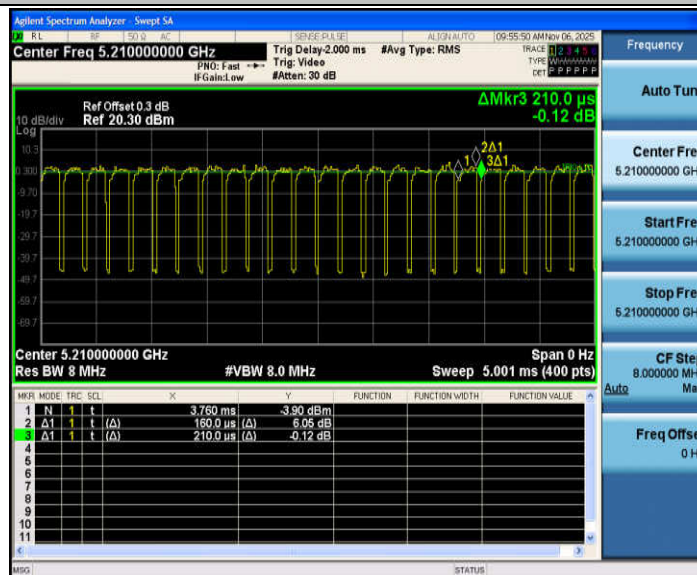
11AX40SISO_Ant1_5755



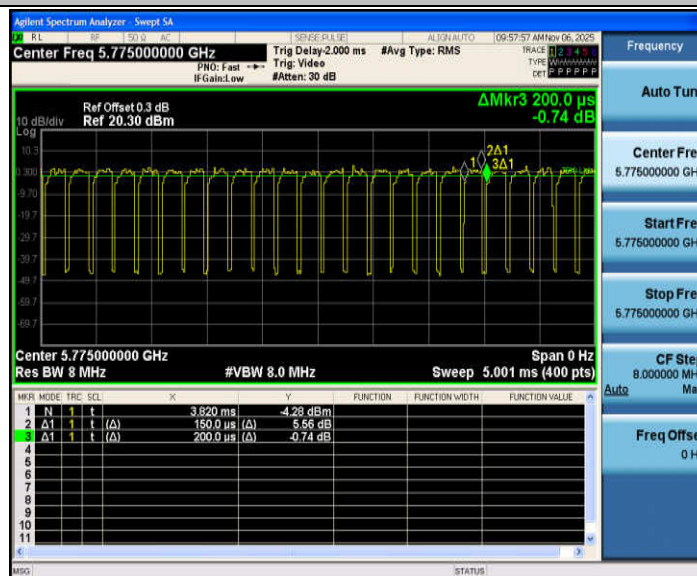
11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5210



11AX80SISO_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	2.31	75.00	1.25	3.56	≤23.98	PASS
		5220	2.23	73.68	1.33	3.56	≤23.98	PASS
		5240	2.05	78.95	1.03	3.08	≤23.98	PASS
		5745	2.13	75.00	1.25	3.38	≤30.00	PASS
		5785	1.67	73.68	1.33	3.00	≤30.00	PASS
		5825	1.18	75.00	1.25	2.43	≤30.00	PASS
11N20SI SO	Ant1	5180	2.61	77.27	1.12	3.73	≤23.98	PASS
		5220	2.36	77.27	1.12	3.48	≤23.98	PASS
		5240	2.24	77.27	1.12	3.36	≤23.98	PASS
		5745	2.41	78.26	1.06	3.47	≤30.00	PASS
		5785	1.89	78.26	1.06	2.95	≤30.00	PASS
		5825	1.56	77.27	1.12	2.68	≤30.00	PASS
11N40SI SO	Ant1	5190	2.64	78.26	1.06	3.70	≤23.98	PASS
		5230	2.52	78.26	1.06	3.58	≤23.98	PASS
		5755	2.43	78.26	1.06	3.49	≤30.00	PASS
		5795	1.91	78.26	1.06	2.97	≤30.00	PASS
11AC20S ISO	Ant1	5180	2.59	76.19	1.18	3.77	≤23.98	PASS
		5220	2.41	76.19	1.18	3.59	≤23.98	PASS
		5240	2.26	76.19	1.18	3.44	≤23.98	PASS
		5745	2.36	76.19	1.18	3.54	≤30.00	PASS
		5785	1.88	76.19	1.18	3.06	≤30.00	PASS
		5825	1.54	76.19	1.18	2.72	≤30.00	PASS
11AC40S ISO	Ant1	5190	2.57	76.19	1.18	3.75	≤23.98	PASS
		5230	2.47	76.19	1.18	3.65	≤23.98	PASS
		5755	2.34	75.00	1.25	3.59	≤30.00	PASS
		5795	1.85	75.00	1.25	3.10	≤30.00	PASS
11AC80S ISO	Ant1	5210	2.97	76.19	1.18	4.15	≤23.98	PASS
		5775	2.39	77.27	1.12	3.51	≤30.00	PASS
11AX20S ISO	Ant1	5180	2.78	83.87	0.76	3.54	≤23.98	PASS
		5220	2.50	83.33	0.79	3.29	≤23.98	PASS
		5240	2.29	83.33	0.79	3.08	≤23.98	PASS
		5745	2.43	83.87	0.76	3.19	≤30.00	PASS
		5785	2.03	83.33	0.79	2.82	≤30.00	PASS
		5825	1.65	83.87	0.76	2.41	≤30.00	PASS
11AX40S ISO	Ant1	5190	2.23	78.26	1.06	3.29	≤23.98	PASS
		5230	1.79	77.27	1.12	2.91	≤23.98	PASS

11AX80S ISO	Ant1	5755	1.76	78.26	1.06	2.82	≤30.00	PASS
		5795	0.80	78.26	1.06	1.86	≤30.00	PASS
		5210	2.72	76.19	1.18	3.90	≤23.98	PASS
		5775	2.16	75.00	1.25	3.41	≤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	-7.463	/	1.25	-6.21	≤11.00	PASS
		5220	-7.794	/	1.33	-6.46	≤11.00	PASS
		5240	-7.963	/	1.03	-6.93	≤11.00	PASS
		5745	-12.610	2.22	1.25	-9.14	≤30.00	PASS
		5785	-13.911	2.22	1.33	-10.36	≤30.00	PASS
		5825	-14.385	2.22	1.25	-10.92	≤30.00	PASS
11N20SISO	Ant1	5180	-7.716	/	1.12	-6.60	≤11.00	PASS
		5220	-7.690	/	1.12	-6.57	≤11.00	PASS
		5240	-7.985	/	1.12	-6.87	≤11.00	PASS
		5745	-12.698	2.22	1.06	-9.42	≤30.00	PASS
		5785	-13.898	2.22	1.06	-10.62	≤30.00	PASS
		5825	-14.319	2.22	1.12	-10.98	≤30.00	PASS
11N40SISO	Ant1	5190	-10.794	/	1.06	-9.73	≤11.00	PASS
		5230	-11.115	/	1.06	-10.06	≤11.00	PASS
		5755	-15.509	2.22	1.06	-12.63	≤30.00	PASS
		5795	-16.427	2.22	1.06	-13.15	≤30.00	PASS
11AC20SISO	Ant1	5180	-7.550	/	1.18	-6.37	≤11.00	PASS

		5220	-7.970	/	1.18	-6.79	≤11.00	PASS
		5240	-7.936	/	1.18	-6.76	≤11.00	PASS
		5745	-12.641	2.22	1.18	-9.24	≤30.00	PASS
		5785	-13.873	2.22	1.18	-10.47	≤30.00	PASS
		5825	-14.174	2.22	1.18	-10.77	≤30.00	PASS
11AC40SISO	Ant1	5190	-10.982	/	1.18	-9.80	≤11.00	PASS
		5230	-10.804	/	1.18	-9.62	≤11.00	PASS
		5755	-16.016	2.22	1.25	-12.55	≤30.00	PASS
		5795	-16.788	2.22	1.25	-13.32	≤30.00	PASS
11AC80SISO	Ant1	5210	-13.092	/	1.18	-11.91	≤11.00	PASS
		5775	-18.479	2.22	1.12	-15.14	≤30.00	PASS
11AX20SISO	Ant1	5180	-7.371	/	0.76	-6.61	≤11.00	PASS
		5220	-7.836	/	0.79	-7.05	≤11.00	PASS
		5240	-8.095	/	0.79	-7.31	≤11.00	PASS
		5745	-12.965	2.22	0.76	-9.99	≤30.00	PASS
		5785	-14.095	2.22	0.79	-11.09	≤30.00	PASS
		5825	-14.833	2.22	0.76	-11.85	≤30.00	PASS
11AX40SISO	Ant1	5190	-11.225	/	1.06	-10.17	≤11.00	PASS
		5230	-11.848	/	1.12	-10.73	≤11.00	PASS
		5755	-17.158	2.22	1.06	-13.88	≤30.00	PASS
		5795	-18.205	2.22	1.06	-14.93	≤30.00	PASS
11AX80SISO	Ant1	5210	-14.077	/	1.18	-12.90	≤11.00	PASS
		5775	-18.758	2.22	1.25	-15.29	≤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