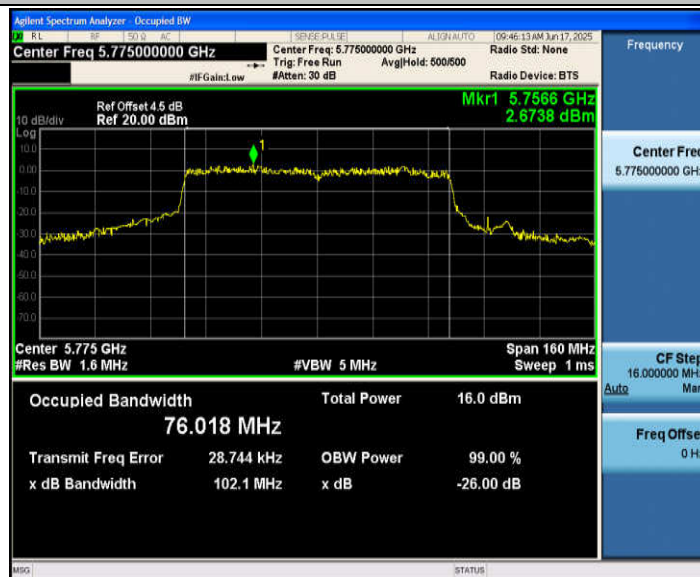




11AX80ISO_Ant1_5775



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	16.280	5816.880	5833.160	0.5	PASS
11N20SISO	Ant1	5745	16.920	5736.400	5753.320	0.5	PASS
		5785	16.760	5776.480	5793.240	0.5	PASS
		5825	17.080	5816.400	5833.480	0.5	PASS
11N40SISO	Ant1	5755	35.280	5737.240	5772.520	0.5	PASS
		5795	35.200	5777.400	5812.600	0.5	PASS
11AC20SISO	Ant1	5745	16.760	5736.480	5753.240	0.5	PASS
		5785	16.960	5776.400	5793.360	0.5	PASS
		5825	16.840	5816.400	5833.240	0.5	PASS
11AC40SISO	Ant1	5755	35.360	5737.240	5772.600	0.5	PASS
		5795	35.360	5777.240	5812.600	0.5	PASS
11AC80SISO	Ant1	5775	75.360	5737.240	5812.600	0.5	PASS
11AX20SISO	Ant1	5745	16.960	5736.400	5753.360	0.5	PASS
		5785	16.800	5776.520	5793.320	0.5	PASS
		5825	16.880	5816.760	5833.640	0.5	PASS
11AX40SISO	Ant1	5755	35.360	5737.240	5772.600	0.5	PASS
		5795	35.200	5777.400	5812.600	0.5	PASS
11AX80SISO	Ant1	5775	75.200	5737.400	5812.600	0.5	PASS

Test Graphs B4

11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5745



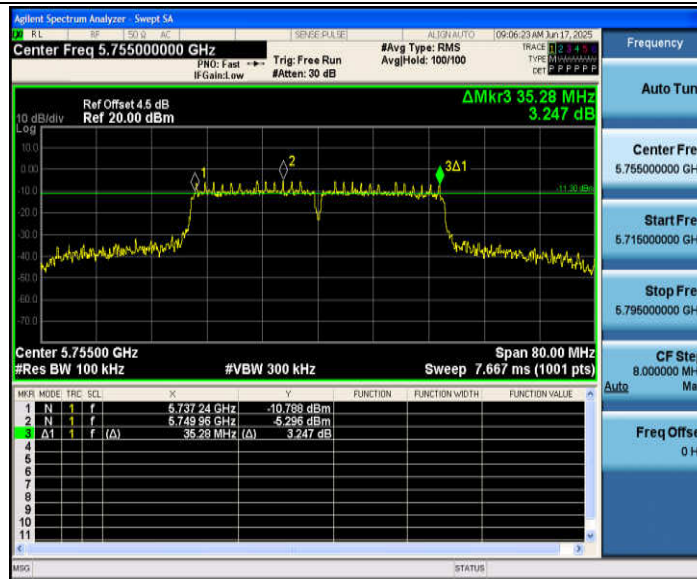
11N20SISO_Ant1_5785



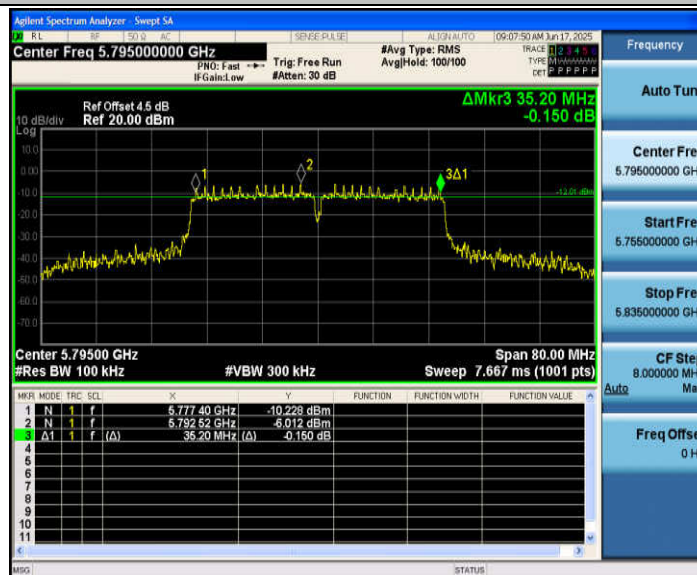
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



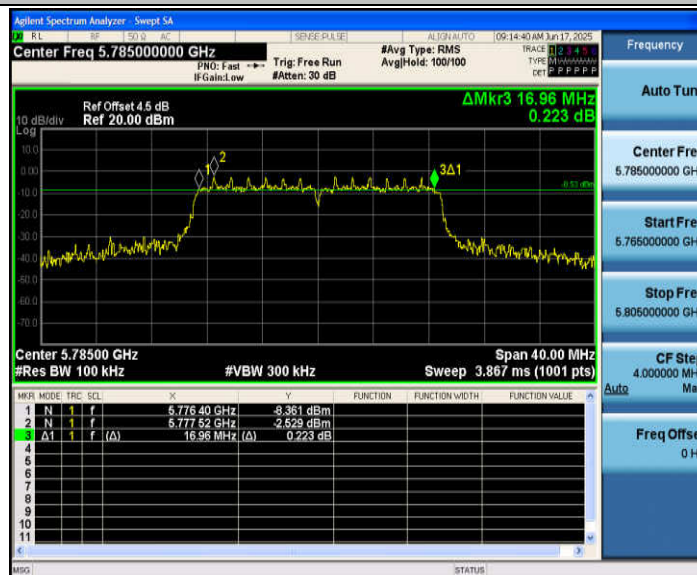
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



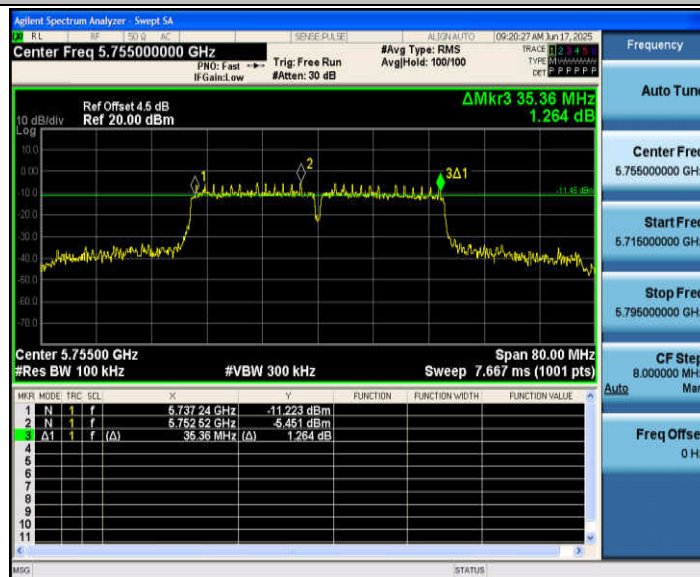
11AC20SISO_Ant1_5785



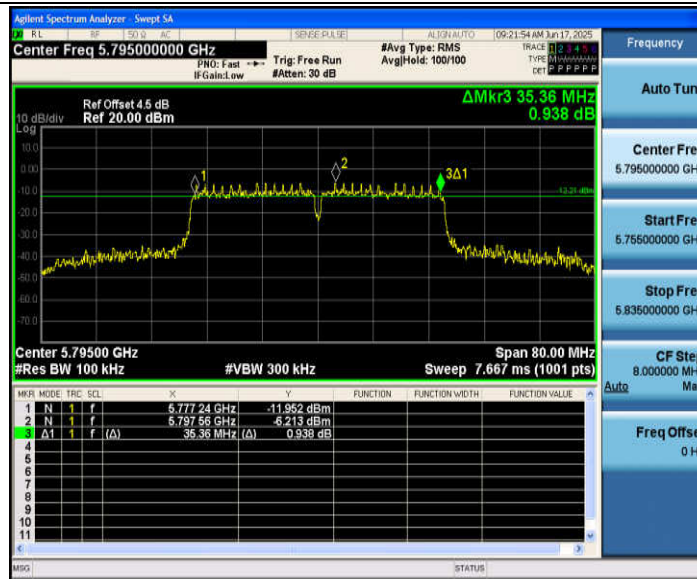
11AC20SISO_Ant1_5825



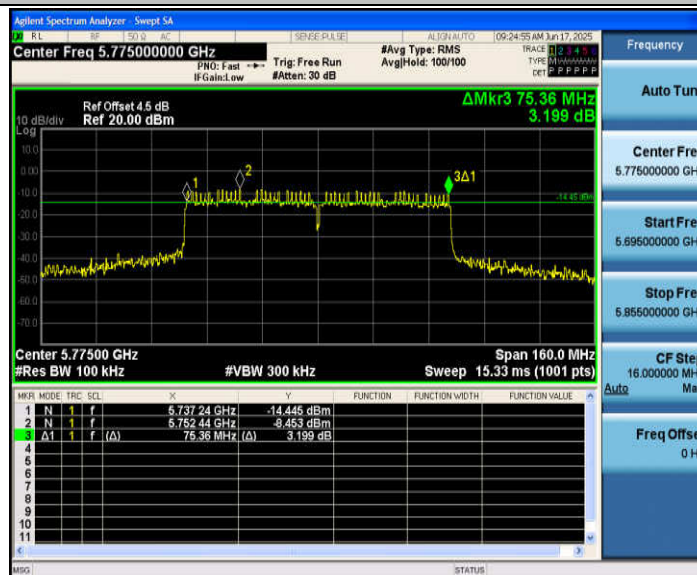
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



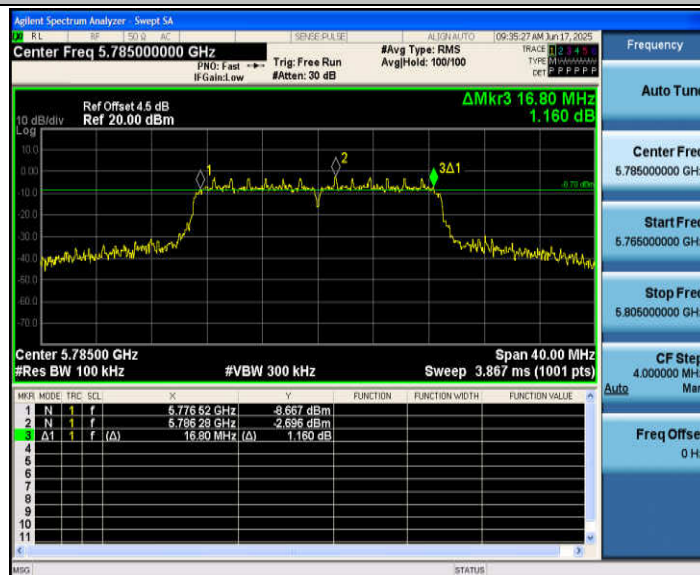
11AC80ISO_Ant1_5775



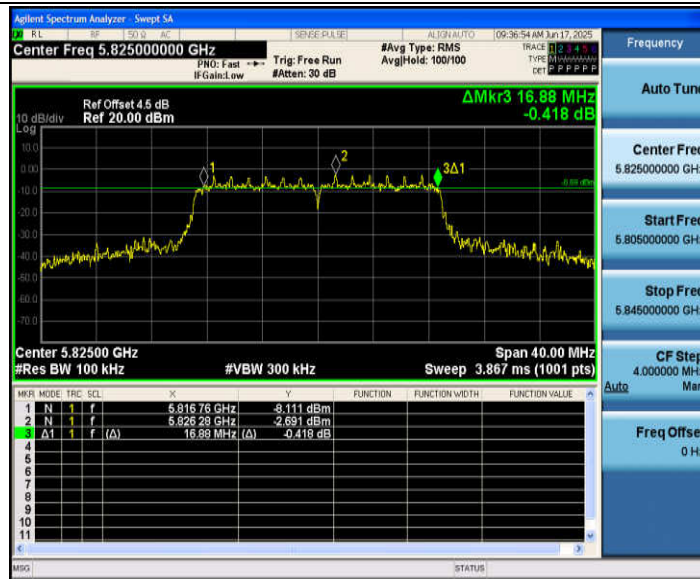
11AX20ISO_Ant1_5745



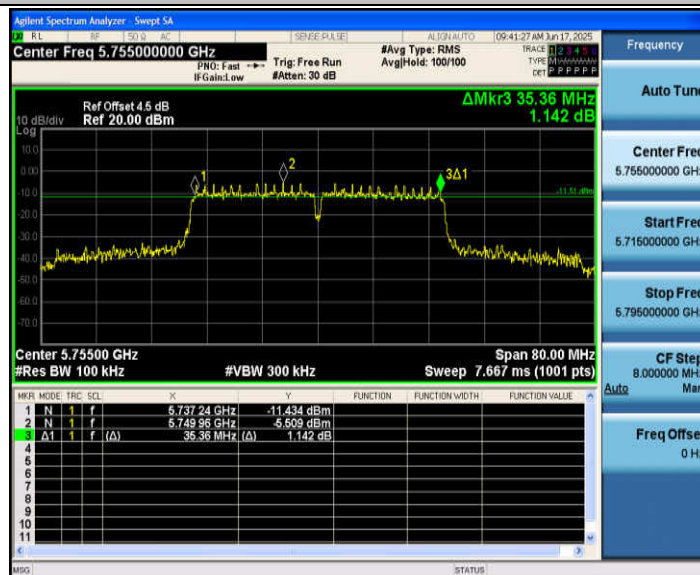
11AX20ISO_Ant1_5785



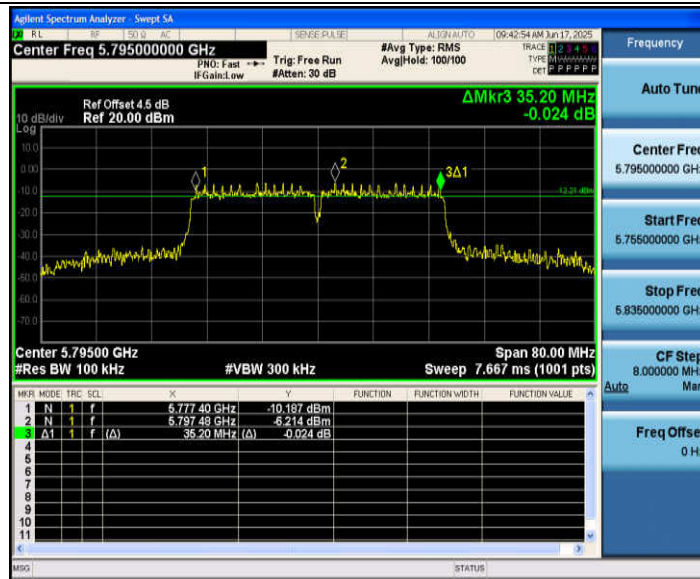
11AX20ISO_Ant1_5825



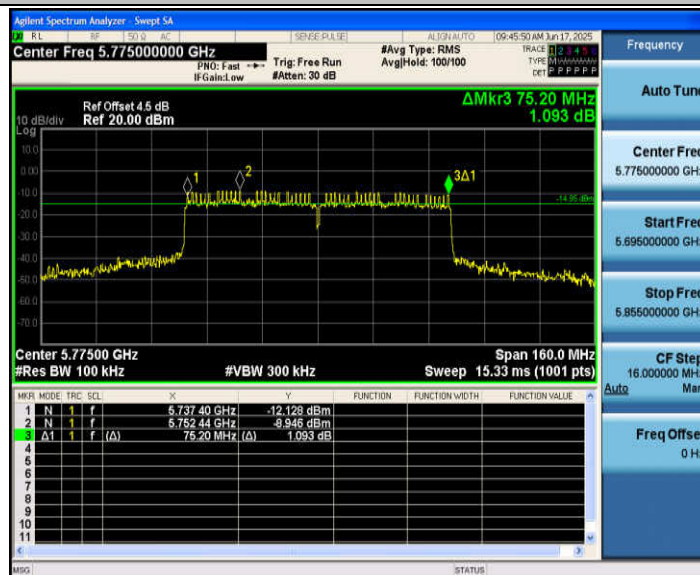
11AX40ISO_Ant1_5755



11AX40ISO_Ant1_5795



11AX80ISO_Ant1_5775



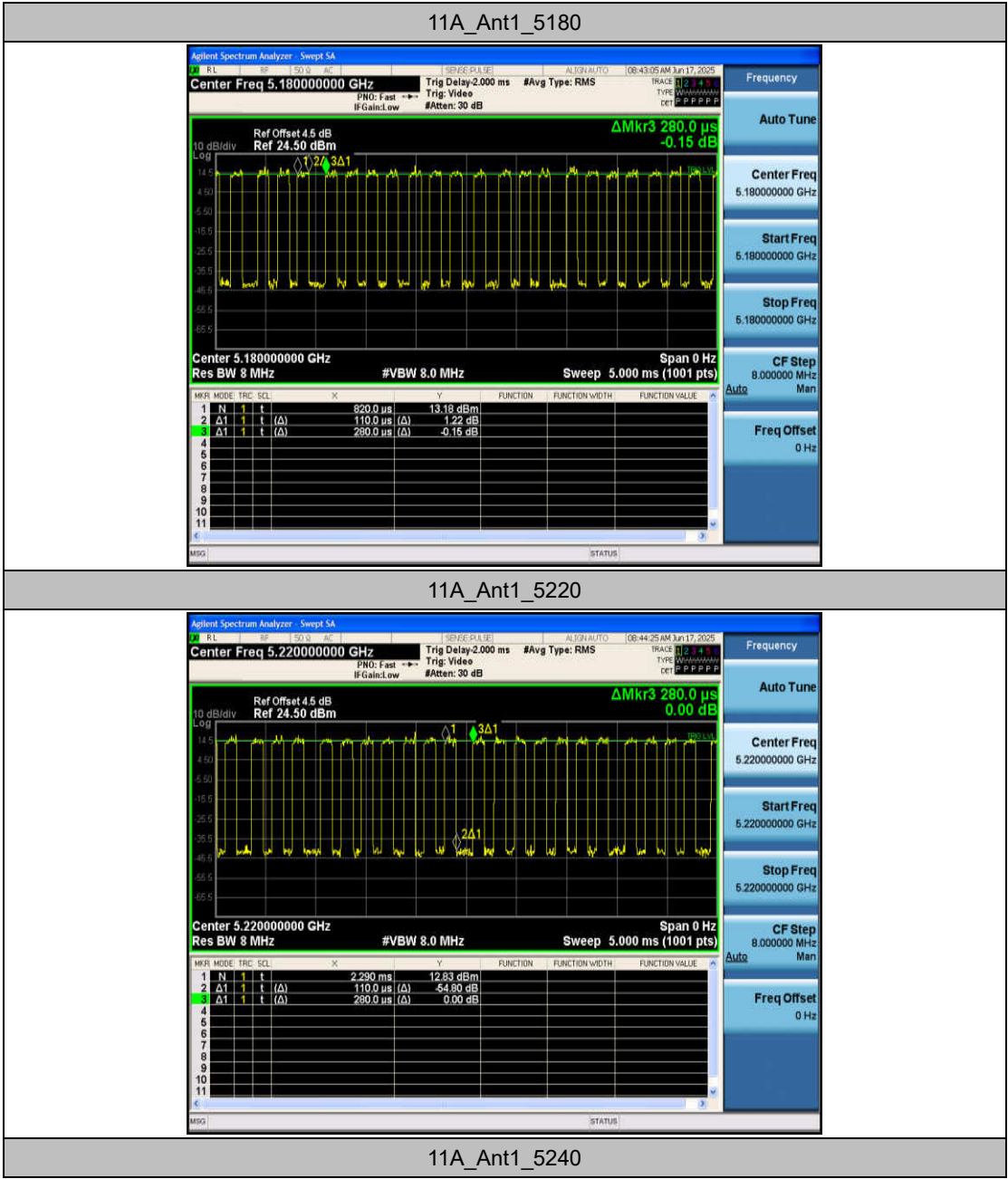
Appendix B: Duty Cycle

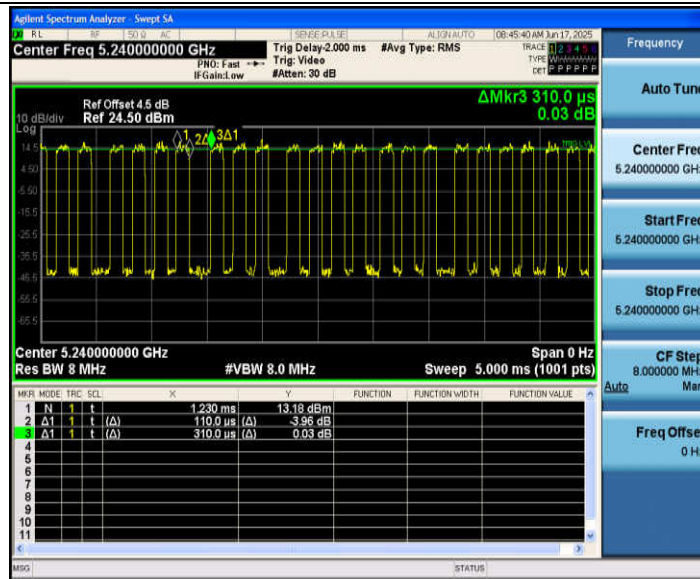
Test Result

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty factor(dB)	Limit	Verdict
11A	Ant1	5180	0.11	0.28	39.29	4.06	---	---
		5220	0.11	0.28	39.29	4.06	---	---
		5240	0.11	0.31	35.48	4.50	---	---
		5745	0.11	0.28	39.29	4.06	---	---
		5785	0.11	0.33	33.33	4.77	---	---
		5825	0.11	0.32	34.38	4.64	---	---
11N20SISO	Ant1	5180	0.11	0.28	39.29	4.06	---	---
		5220	0.11	0.34	32.35	4.90	---	---
		5240	0.11	0.32	34.38	4.64	---	---
		5745	0.11	0.30	36.67	4.36	---	---
		5785	0.11	0.30	36.67	4.36	---	---
		5825	0.11	0.33	33.33	4.77	---	---
11N40SISO	Ant1	5190	0.07	0.29	24.14	6.17	---	---
		5230	0.07	0.24	29.17	5.35	---	---
		5755	0.07	0.25	28.00	5.53	---	---
		5795	0.07	0.26	26.92	5.70	---	---
11AC20SISO	Ant1	5180	0.12	0.29	41.38	3.83	---	---
		5220	0.12	0.29	41.38	3.83	---	---
		5240	0.12	0.29	41.38	3.83	---	---
		5745	0.12	0.29	41.38	3.83	---	---
		5785	0.12	0.31	38.71	4.12	---	---
		5825	0.12	0.31	38.71	4.12	---	---
11AC40SISO	Ant1	5190	0.08	0.27	29.63	5.28	---	---
		5230	0.08	0.25	32.00	4.95	---	---
		5755	0.08	0.30	26.67	5.74	---	---
		5795	0.08	0.30	26.67	5.74	---	---
11AC80SISO	Ant1	5210	0.05	0.23	21.74	6.63	---	---
		5775	0.05	0.23	21.74	6.63	---	---
11AX20SISO	Ant1	5180	0.12	0.30	40.00	3.98	---	---
		5220	0.12	0.30	40.00	3.98	---	---
		5240	0.12	0.30	40.00	3.98	---	---
		5745	0.12	0.30	40.00	3.98	---	---
		5785	0.12	0.31	38.71	4.12	---	---
		5825	0.12	0.30	40.00	3.98	---	---
11AX40SISO	Ant1	5190	0.08	0.28	28.57	5.44	---	---
		5230	0.07	0.26	26.92	5.70	---	---

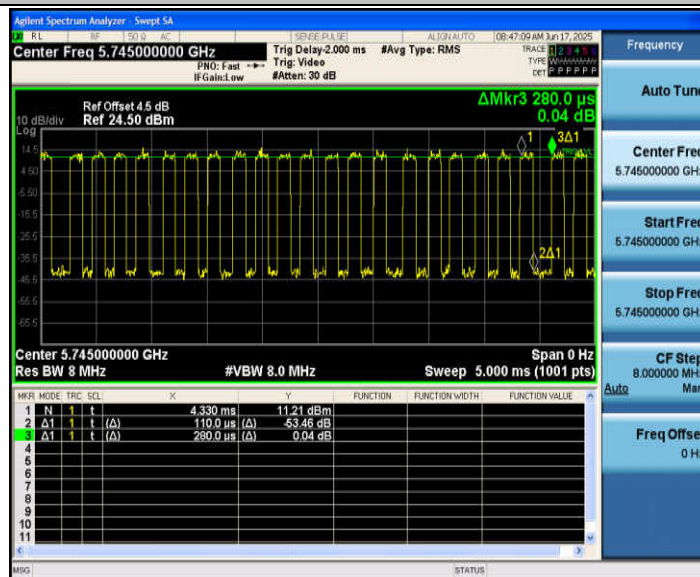
11AX80SISO	Ant1	5755	0.08	0.25	32.00	4.95	---	---
		5795	0.08	0.29	27.59	5.59	---	---
		5210	0.04	0.26	15.38	8.13	---	---
		5775	0.05	0.22	22.73	6.43	---	---

Test Graphs

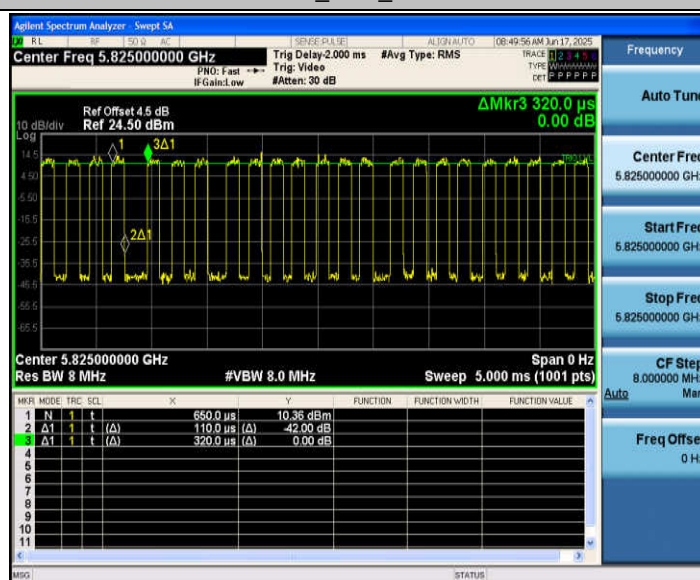
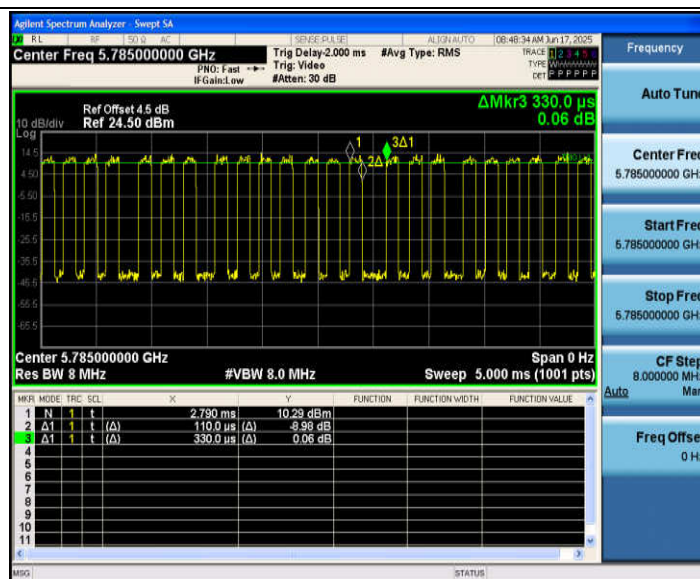


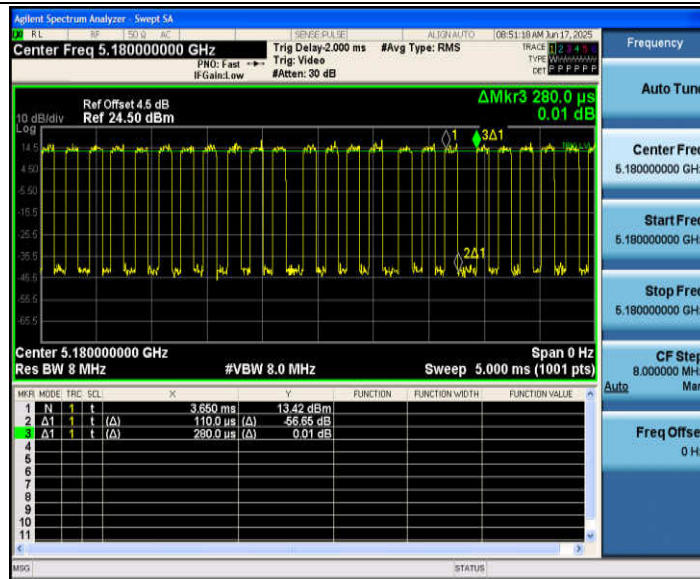


11A_Ant1_5745

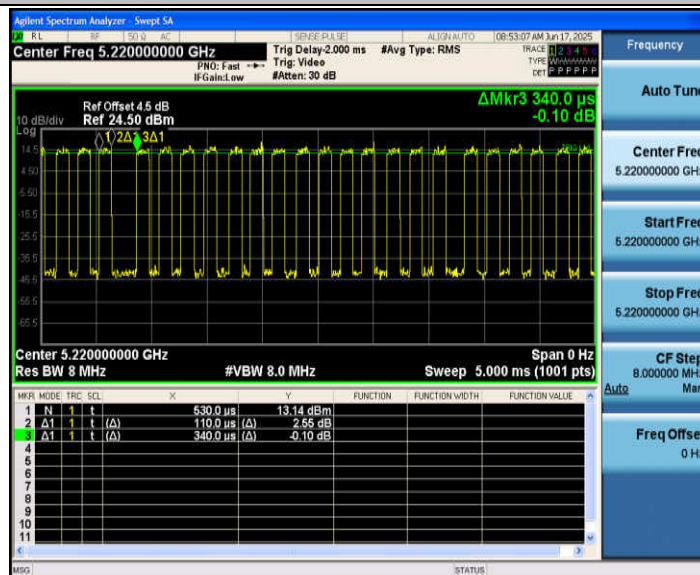


11A_Ant1_5785

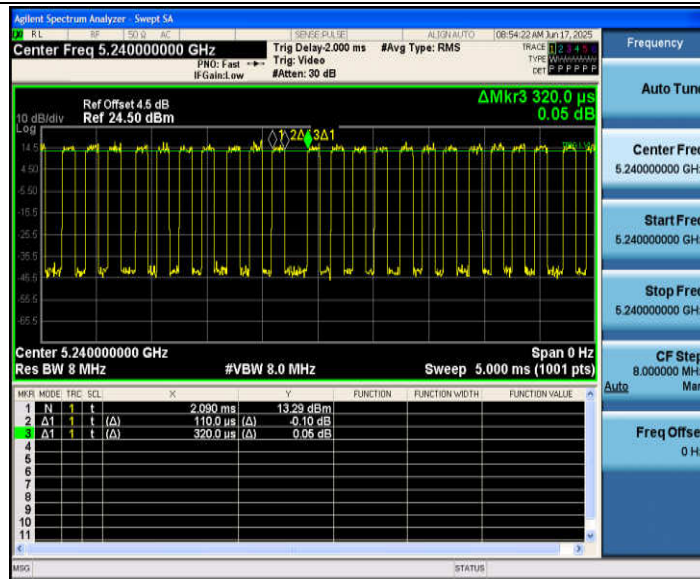




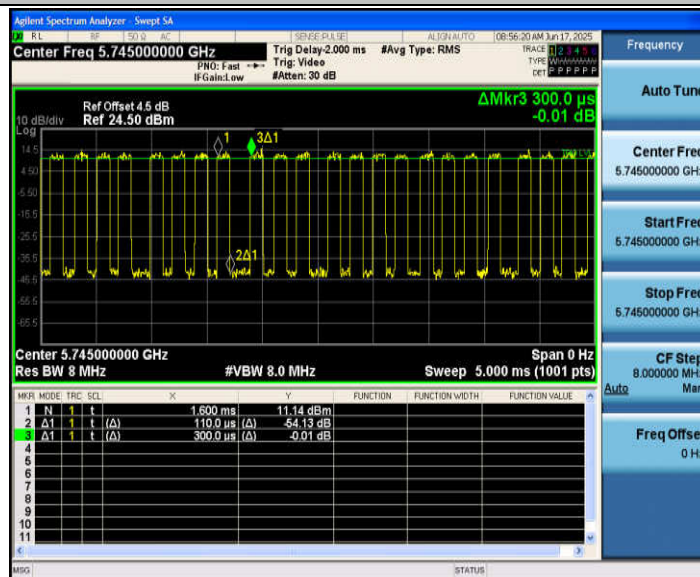
11N20SISO_Ant1_5220



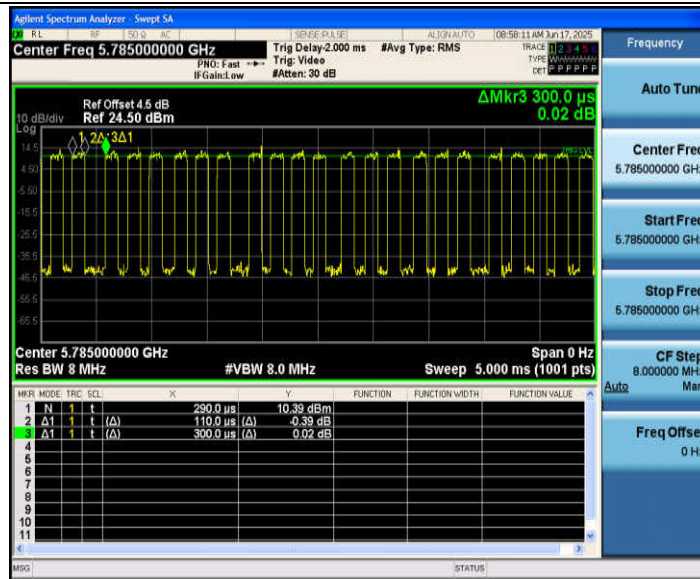
11N20SISO_Ant1_5240



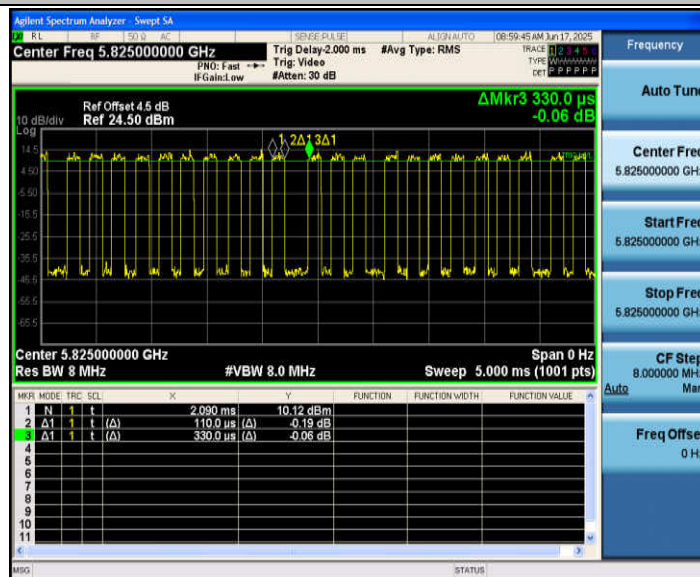
11N20SISO_Ant1_5745



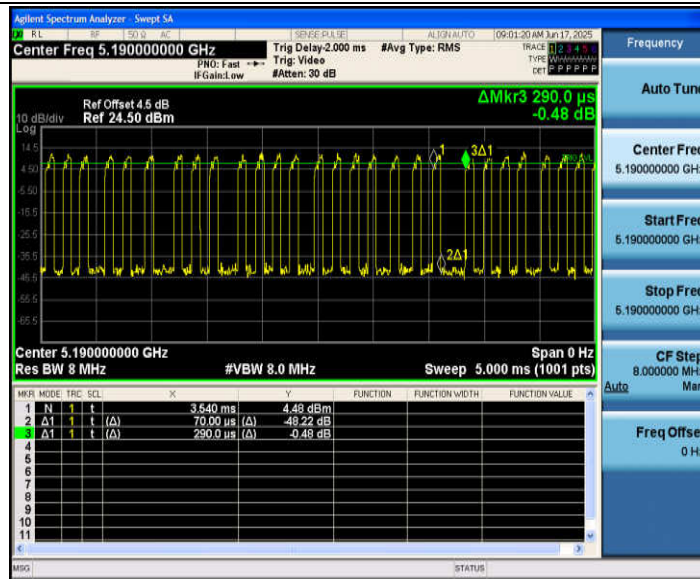
11N20SISO_Ant1_5785



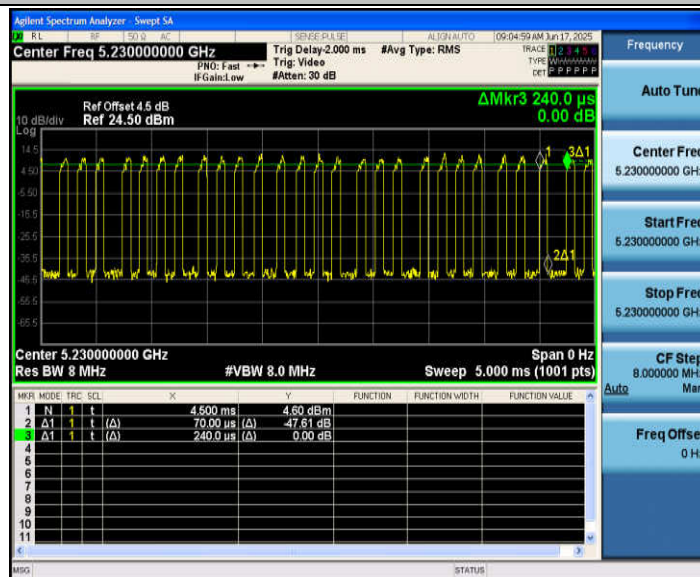
11N20SISO_Ant1_5825



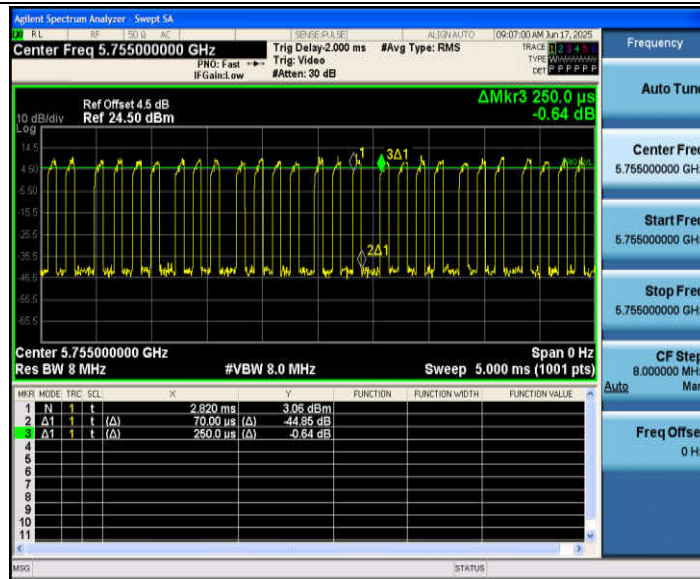
11N40SISO_Ant1_5190



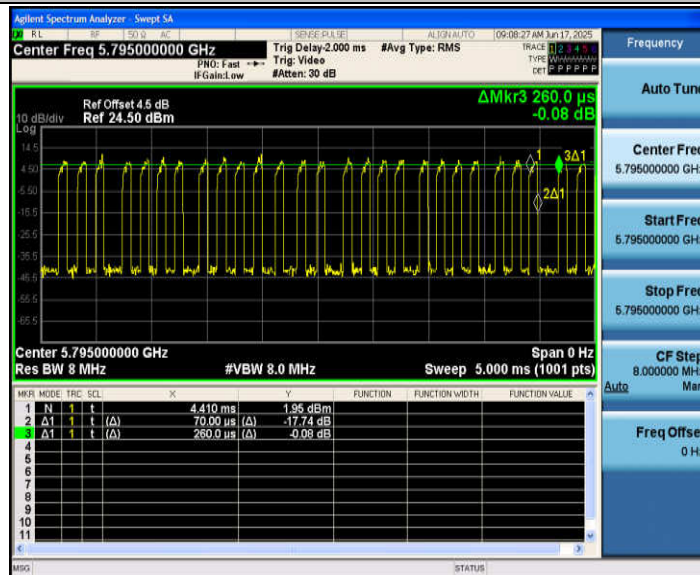
11N40SISO_Ant1_5230



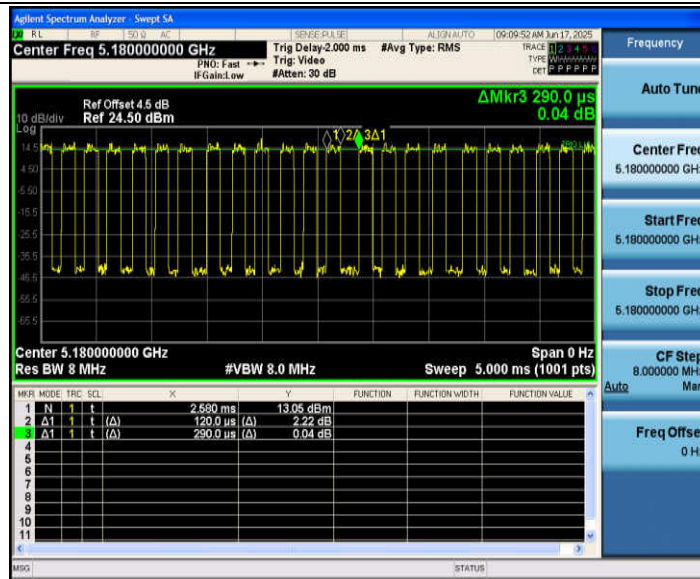
11N40SISO_Ant1_5755



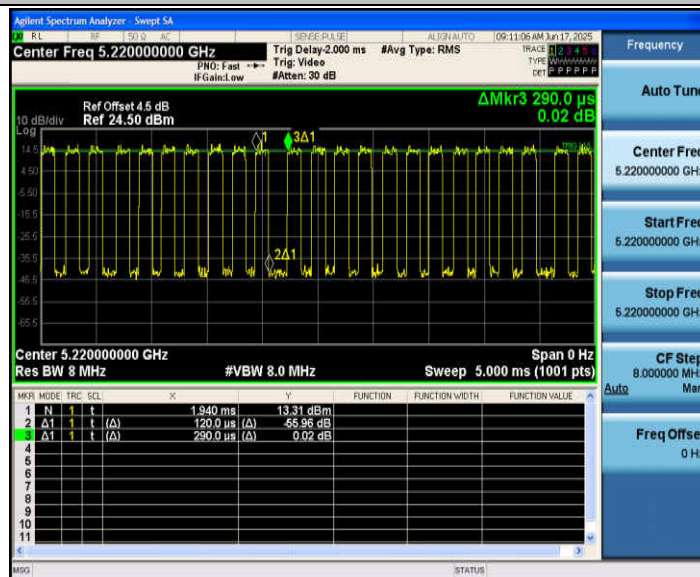
11N40SISO_Ant1_5795



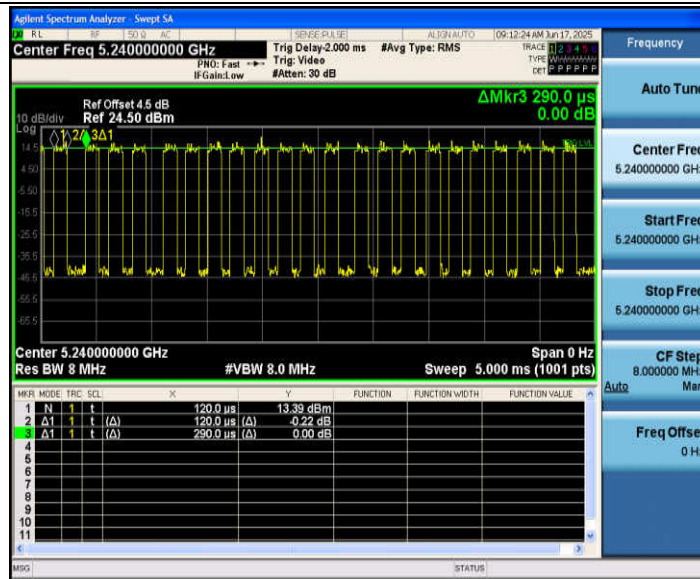
11AC20SISO_Ant1_5180



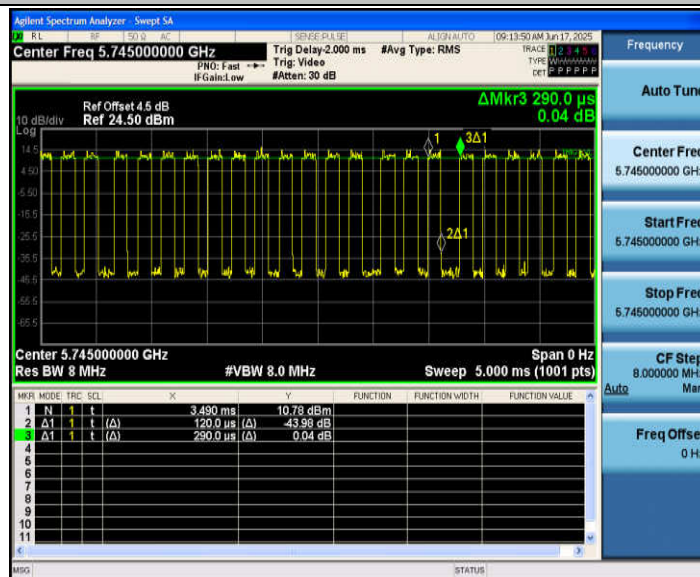
11AC20SISO_Ant1_5220



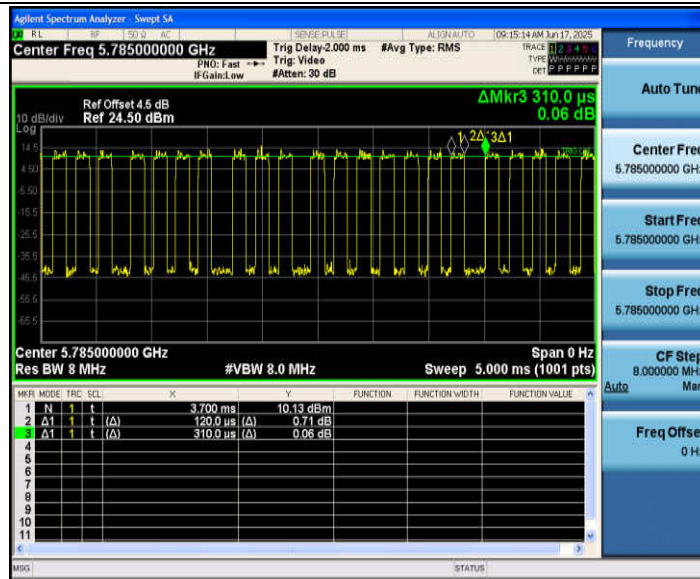
11AC20SISO_Ant1_5240



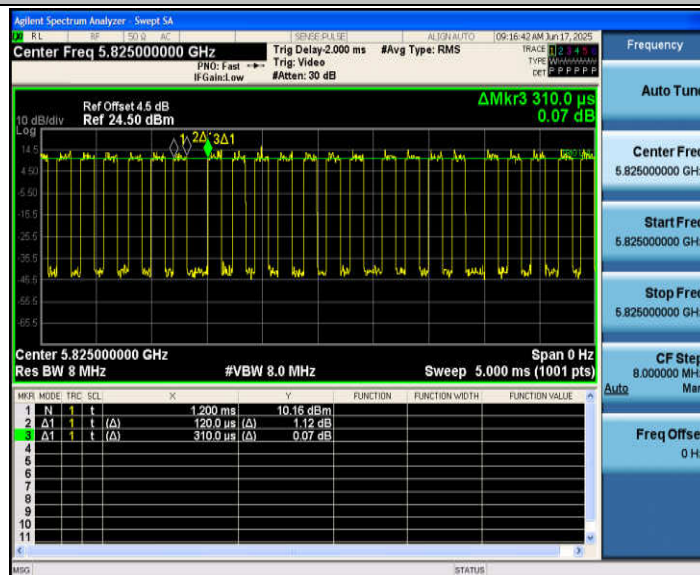
11AC20SISO_Ant1_5745



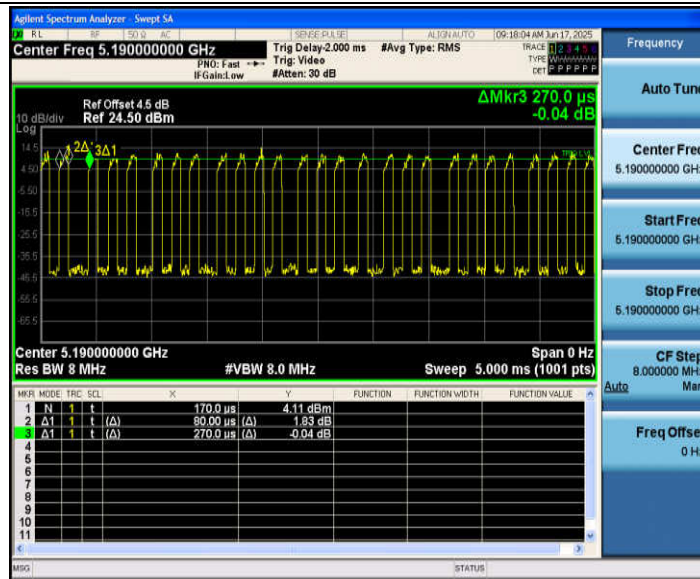
11AC20SISO_Ant1_5785



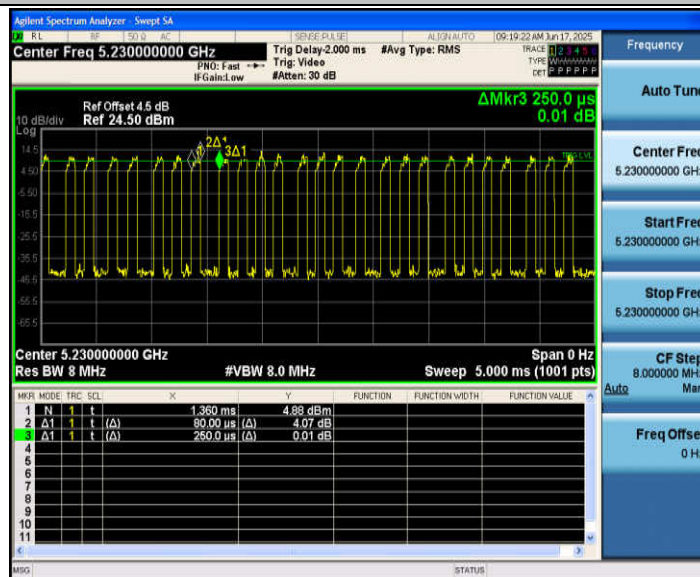
11AC20SISO_Ant1_5825



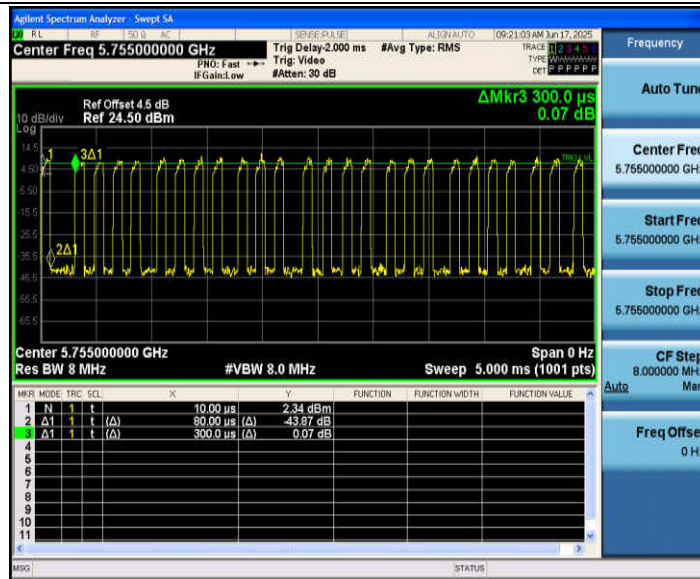
11AC40SISO_Ant1_5190



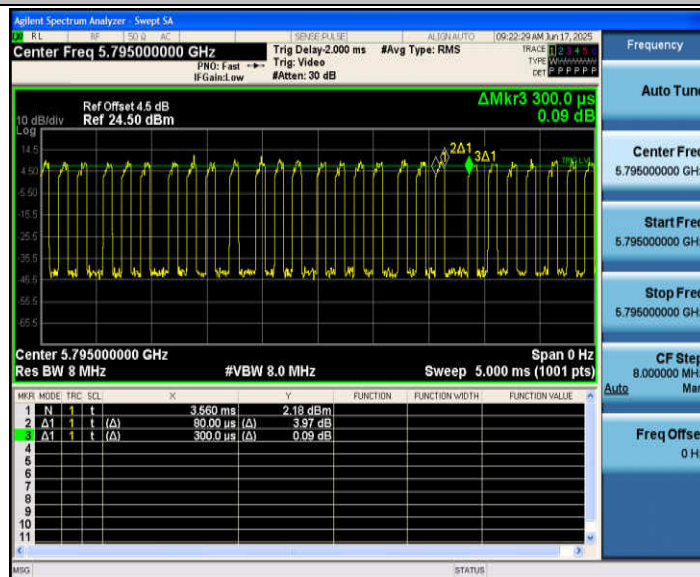
11AC40SISO_Ant1_5230



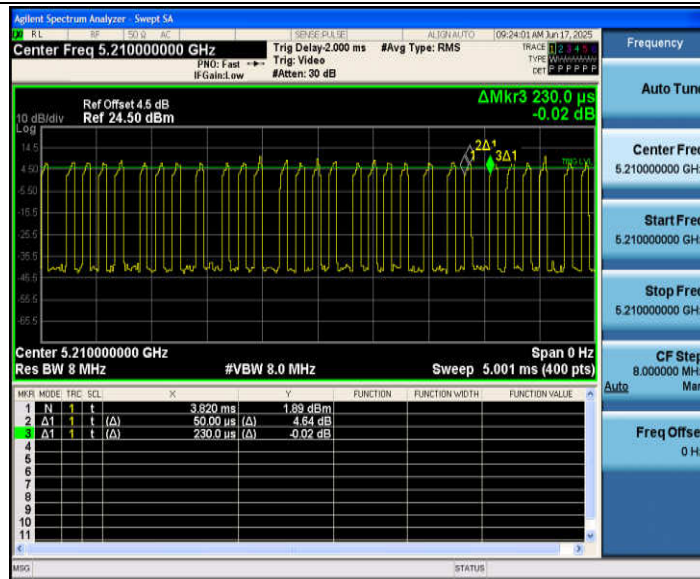
11AC40SISO_Ant1_5755



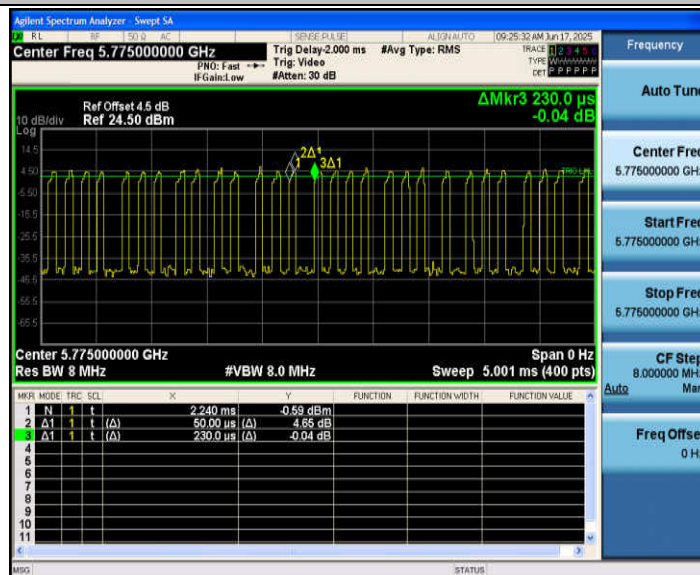
11AC40SISO_Ant1_5795



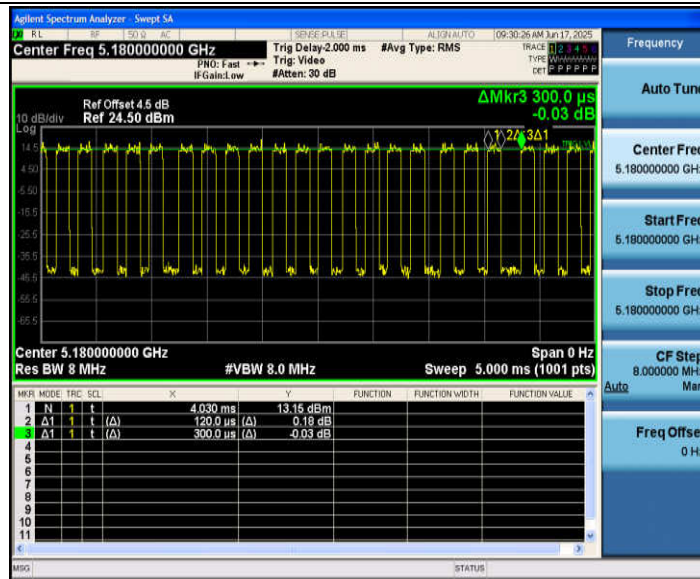
11AC80SISO_Ant1_5210



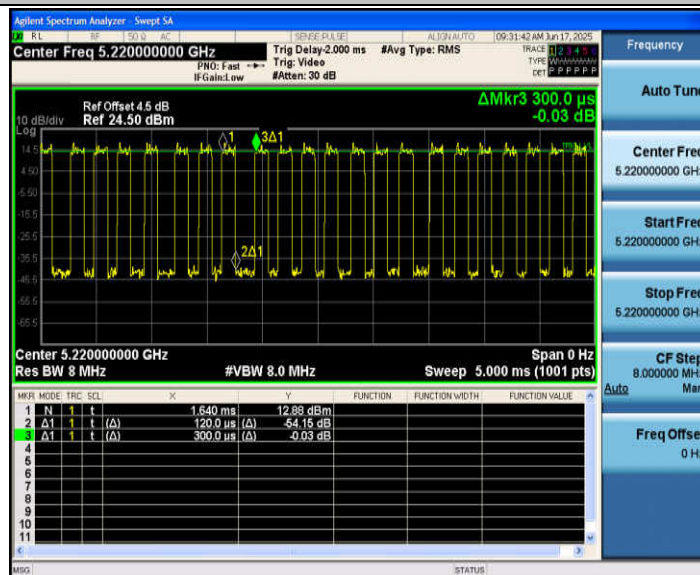
11AC80SISO_Ant1_5775



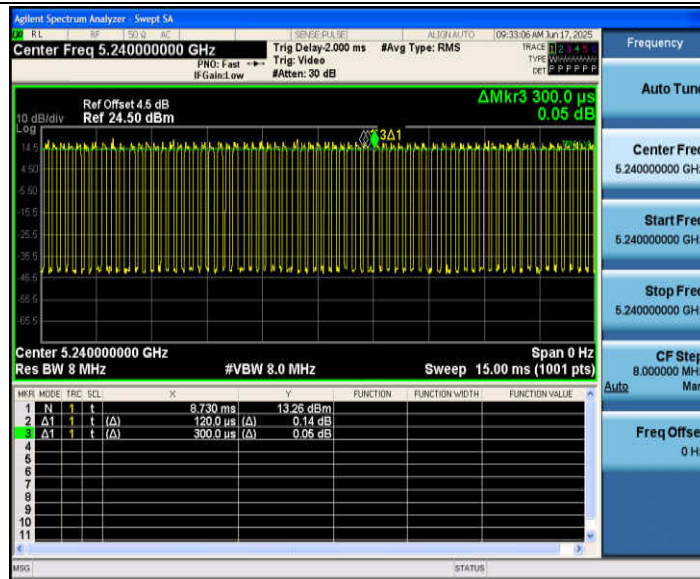
11AX20SISO_Ant1_5180



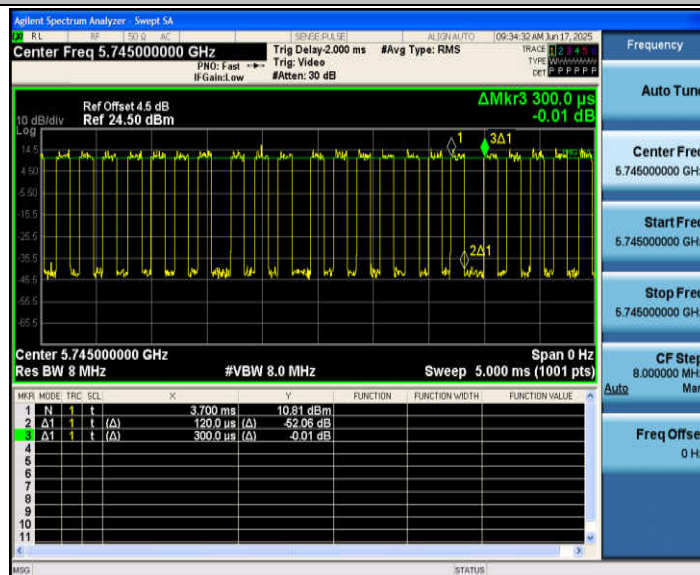
11AX20SISO_Ant1_5220



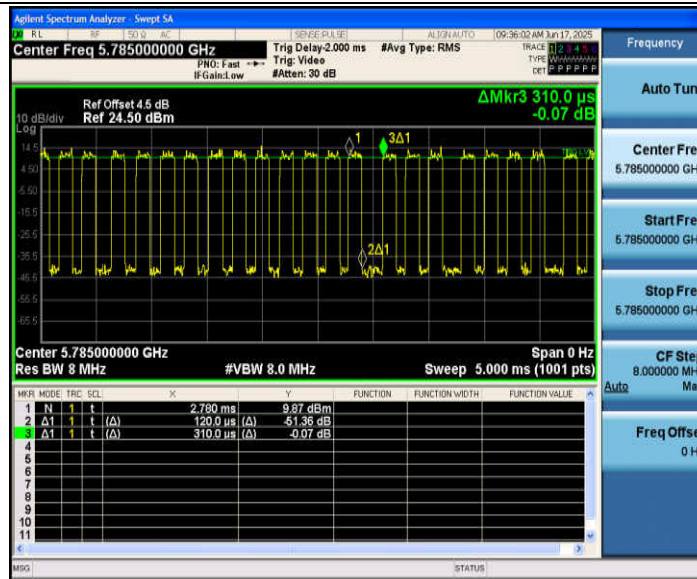
11AX20SISO_Ant1_5240



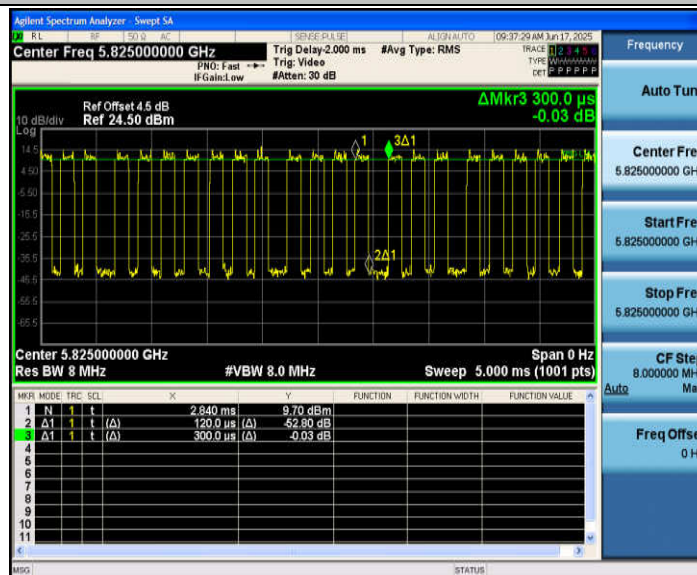
11AX20ISO_Ant1_5745



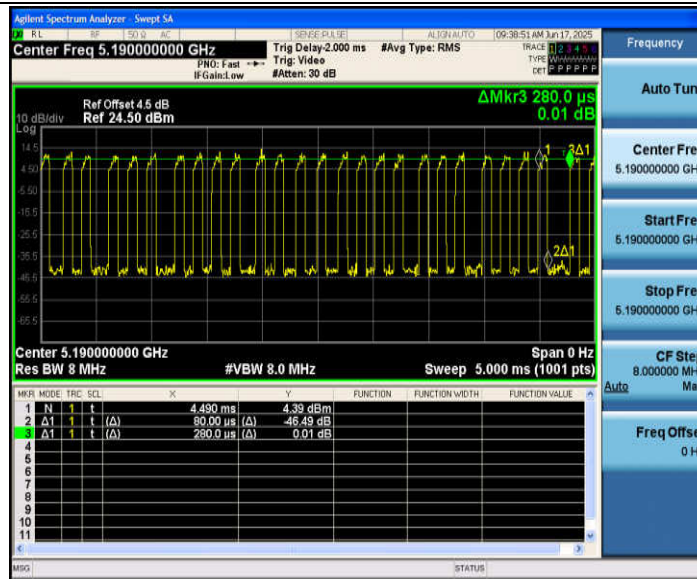
11AX20ISO_Ant1_5785



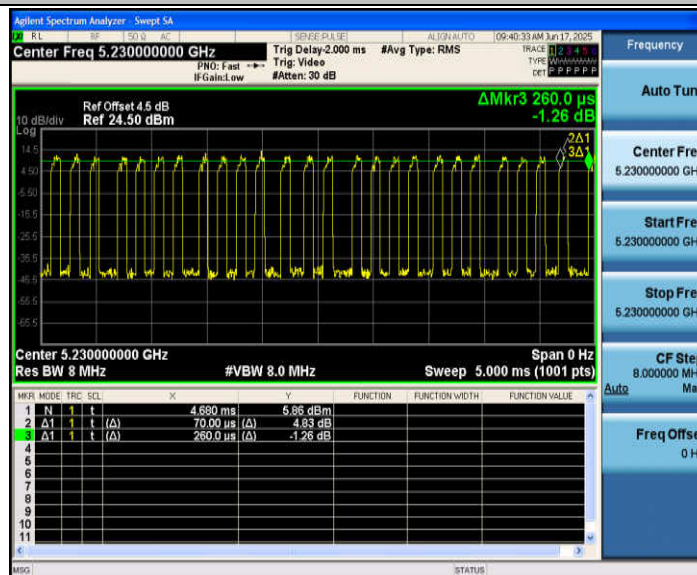
11AX20ISO_Ant1_5825



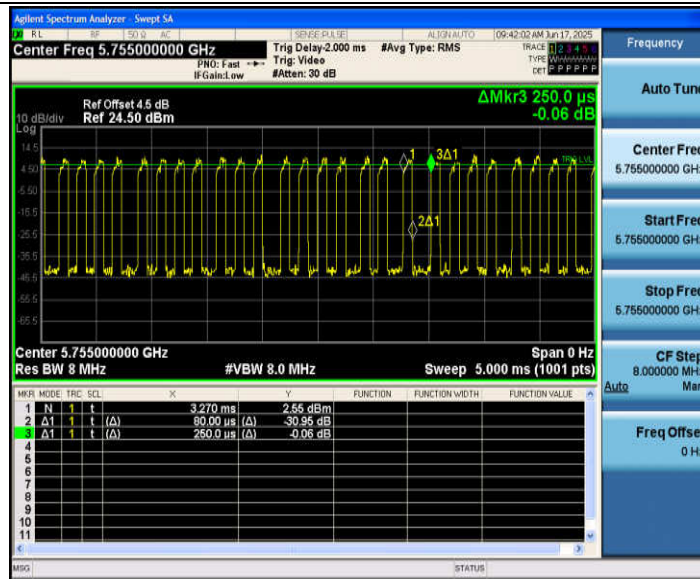
11AX40ISO_Ant1_5190



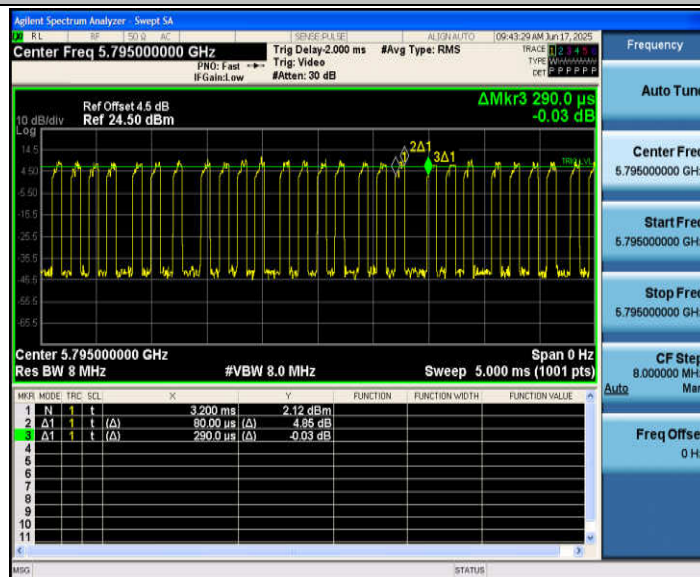
11AX40SISO_Ant1_5230



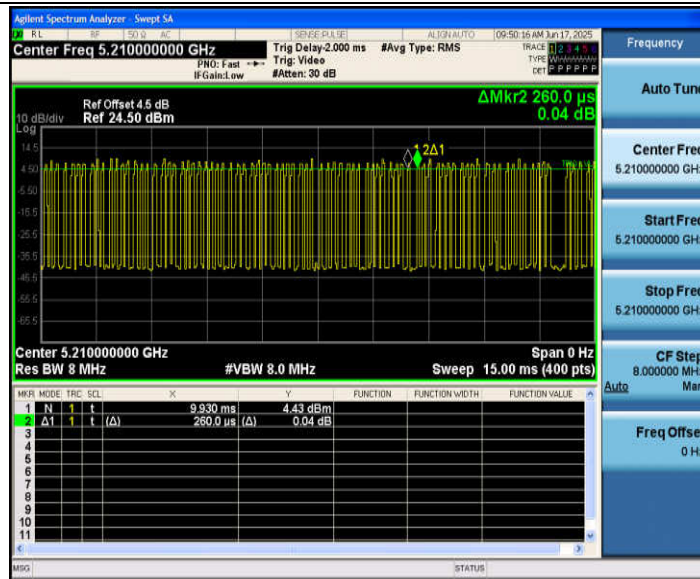
11AX40SISO_Ant1_5755



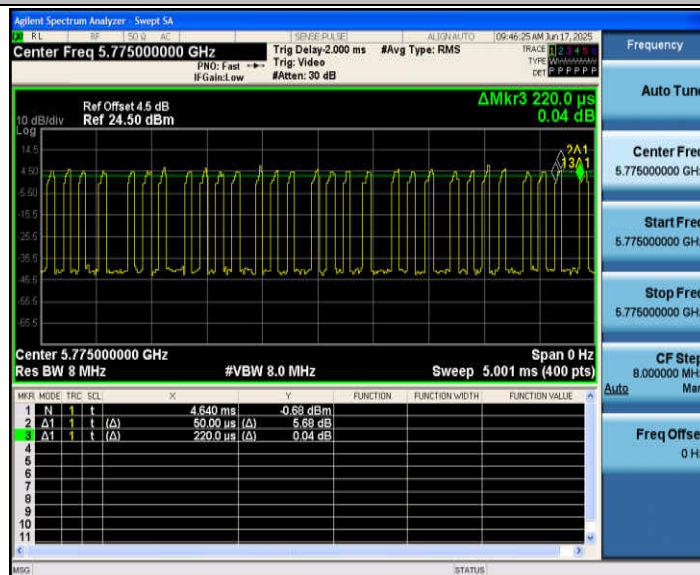
11AX40ISO_Ant1_5795



11AX80ISO_Ant1_5210



11AX80SISO_Ant1_5775



Appendix C: Maximum conducted output power

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	8.61	4.06	12.67	≤23.98	PASS
		5220	8.63	4.06	12.69	≤23.98	PASS
		5240	8.69	4.50	13.19	≤23.98	PASS
		5745	6.25	4.06	10.31	≤30.00	PASS
		5785	5.49	4.77	10.26	≤30.00	PASS
		5825	5.54	4.64	10.18	≤30.00	PASS
11N20SISO	Ant1	5180	8.51	4.06	12.57	≤23.98	PASS
		5220	8.56	4.90	13.46	≤23.98	PASS
		5240	8.71	4.64	13.35	≤23.98	PASS
		5745	6.24	4.36	10.60	≤30.00	PASS
		5785	5.50	4.36	9.86	≤30.00	PASS
		5825	5.49	4.77	10.26	≤30.00	PASS
11N40SISO	Ant1	5190	6.81	6.17	12.98	≤23.98	PASS
		5230	6.86	5.35	12.21	≤23.98	PASS
		5755	4.35	5.53	9.88	≤30.00	PASS
		5795	3.97	5.70	9.67	≤30.00	PASS
11AC20SISO	Ant1	5180	8.65	3.83	12.48	≤23.98	PASS
		5220	8.69	3.83	12.52	≤23.98	PASS
		5240	8.86	3.83	12.69	≤23.98	PASS
		5745	6.45	3.83	10.28	≤30.00	PASS
		5785	5.71	4.12	9.83	≤30.00	PASS
		5825	5.73	4.12	9.85	≤30.00	PASS
11AC40SISO	Ant1	5190	6.97	5.28	12.25	≤23.98	PASS
		5230	7.20	4.95	12.15	≤23.98	PASS
		5755	4.63	5.74	10.37	≤30.00	PASS
		5795	4.13	5.74	9.87	≤30.00	PASS
11AC80SISO	Ant1	5210	5.69	6.63	12.32	≤23.98	PASS
		5775	3.53	6.63	10.16	≤30.00	PASS
11AX20SISO	Ant1	5180	8.78	3.98	12.76	≤23.98	PASS
		5220	8.76	3.98	12.74	≤23.98	PASS
		5240	8.84	3.98	12.82	≤23.98	PASS
		5745	6.30	3.98	10.28	≤30.00	PASS
		5785	5.65	4.12	9.77	≤30.00	PASS
		5825	5.64	3.98	9.62	≤30.00	PASS
11AX40SISO	Ant1	5190	7.00	5.44	12.44	≤23.98	PASS
		5230	7.16	5.70	12.86	≤23.98	PASS
		5755	4.55	4.95	9.50	≤30.00	PASS

		5795	4.04	5.59	9.63	≤30.00	PASS
11AX80SISO	Ant1	5210	5.65	8.13	13.78	≤23.98	PASS
		5775	3.54	6.43	9.97	≤30.00	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Duty factor (dB)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-1.997	4.06	2.06	≤11.00	PASS
		5220	-1.754	4.06	2.31	≤11.00	PASS
		5240	-1.825	4.50	2.67	≤11.00	PASS
11N20SISO	Ant1	5180	-2.342	4.06	1.72	≤11.00	PASS
		5220	-2.255	4.90	2.64	≤11.00	PASS
		5240	-2.248	4.64	2.39	≤11.00	PASS
11N40SISO	Ant1	5190	-6.601	6.17	-0.43	≤11.00	PASS
		5230	-6.993	5.35	-1.64	≤11.00	PASS
11AC20SISO	Ant1	5180	-2.023	3.83	1.81	≤11.00	PASS
		5220	-2.290	3.83	1.54	≤11.00	PASS
		5240	-2.163	3.83	1.67	≤11.00	PASS
11AC40SISO	Ant1	5190	-6.332	5.28	-1.05	≤11.00	PASS
		5230	-5.899	4.95	-0.95	≤11.00	PASS
11AC80SISO	Ant1	5210	-10.254	6.63	-3.62	≤11.00	PASS
11AX20SISO	Ant1	5180	-2.056	3.98	1.92	≤11.00	PASS
		5220	-1.966	3.98	2.01	≤11.00	PASS
		5240	-2.120	3.98	1.86	≤11.00	PASS
11AX40SISO	Ant1	5190	-6.228	5.44	-0.79	≤11.00	PASS
		5230	-5.928	5.70	-0.23	≤11.00	PASS
11AX80SISO	Ant1	5210	-11.114	8.13	-2.98	≤11.00	PASS

TestMode	Antenna	Freq(MHz)	Result [dBm/300KHz]	RBW Factor (dB)	Duty factor (dB)	Result [dBm/500kHz]	Limit[dBm/500kHz]	Verdict
11A	Ant1	5745	-9.156	2.22	4.06	-2.88	≤30.00	PASS
		5785	-9.403	2.22	4.77	-2.41	≤30.00	PASS
		5825	-9.491	2.22	4.64	-2.63	≤30.00	PASS
11N20SISO	Ant1	5745	-8.142	2.22	4.36	-1.56	≤30.00	PASS
		5785	-9.581	2.22	4.36	-3.0	≤30.00	PASS
		5825	-9.732	2.22	4.77	-2.74	≤30.00	PASS
11N40SISO	Ant1	5755	-13.116	2.22	5.53	-5.37	≤30.00	PASS
		5795	-12.918	2.22	5.7	-5.0	≤30.00	PASS
11AC20SISO	Ant1	5745	-8.55	2.22	3.83	-2.5	≤30.00	PASS
		5785	-9.487	2.22	4.12	-3.15	≤30.00	PASS
		5825	-9.375	2.22	4.12	-3.04	≤30.00	PASS
11AC40SISO	Ant1	5755	-12.642	2.22	5.74	-4.68	≤30.00	PASS
		5795	-13.168	2.22	5.74	-5.21	≤30.00	PASS
11AC80SISO	Ant1	5775	-16.529	2.22	6.63	-7.68	≤30.00	PASS
11AX20SISO	Ant1	5745	-8.743	2.22	3.98	-2.54	≤30.00	PASS
		5785	-9.796	2.22	4.12	-3.46	≤30.00	PASS
		5825	-9.305	2.22	3.98	-3.11	≤30.00	PASS
11AX40SISO	Ant1	5755	-12.577	2.22	4.95	-5.41	≤30.00	PASS
		5795	-13.782	2.22	5.59	-5.97	≤30.00	PASS
11AX80SISO	Ant1	5775	-16.678	2.22	6.43	-8.03	≤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)+duty cycle.

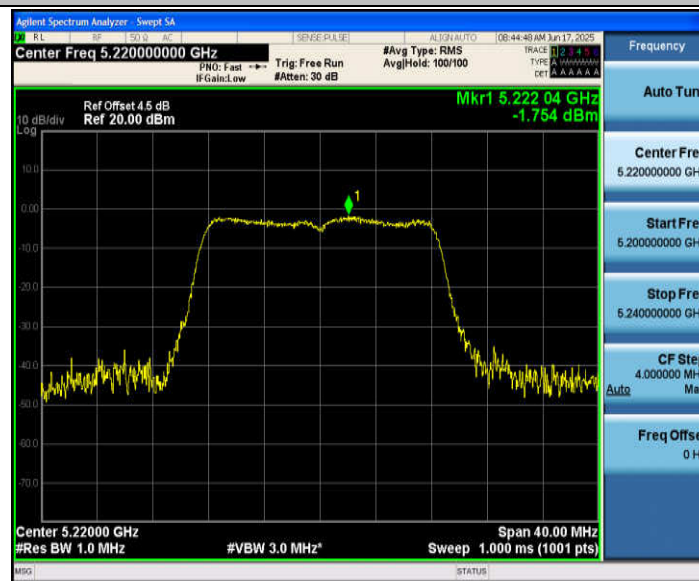
2. RBW factor= 10 log (500 KHz /300 KHz) = 2.22 dB

Test Graphs

11A_Ant1_5180



11A_Ant1_5220



11A_Ant1_5240



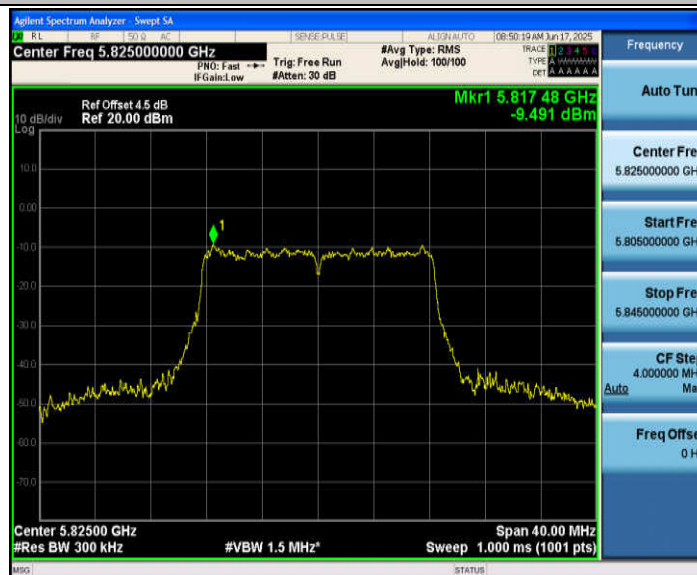
11A_Ant1_5745



11A_Ant1_5785



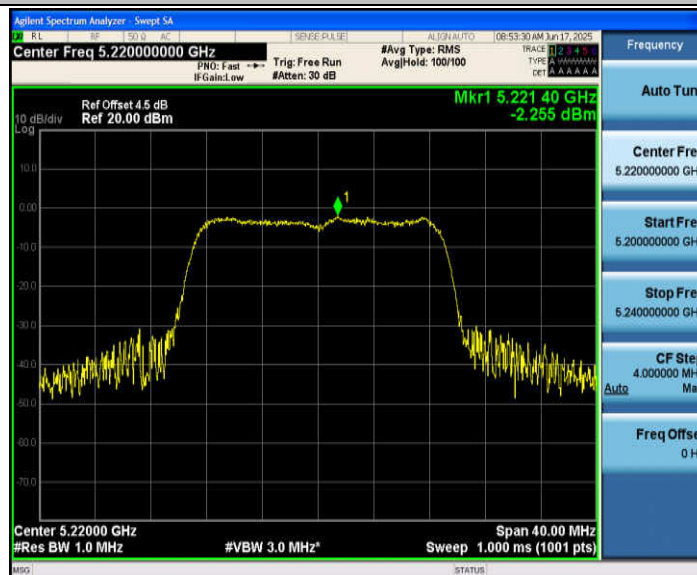
11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5220



11N20SISO_Ant1_5240