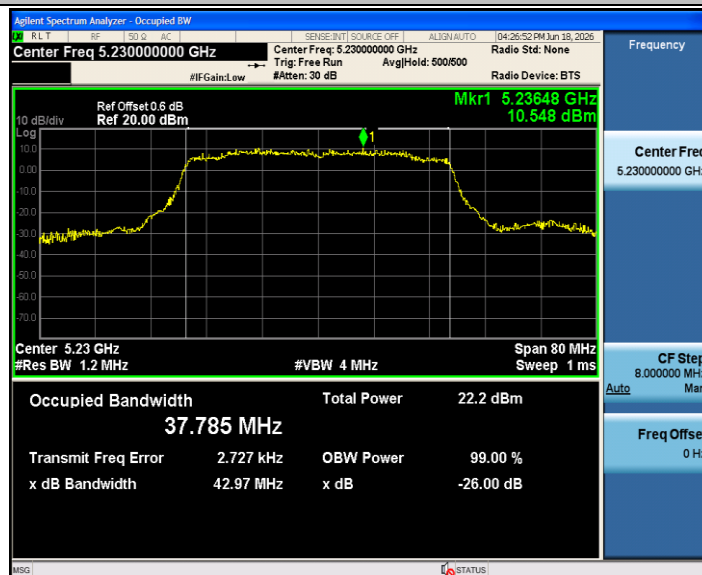
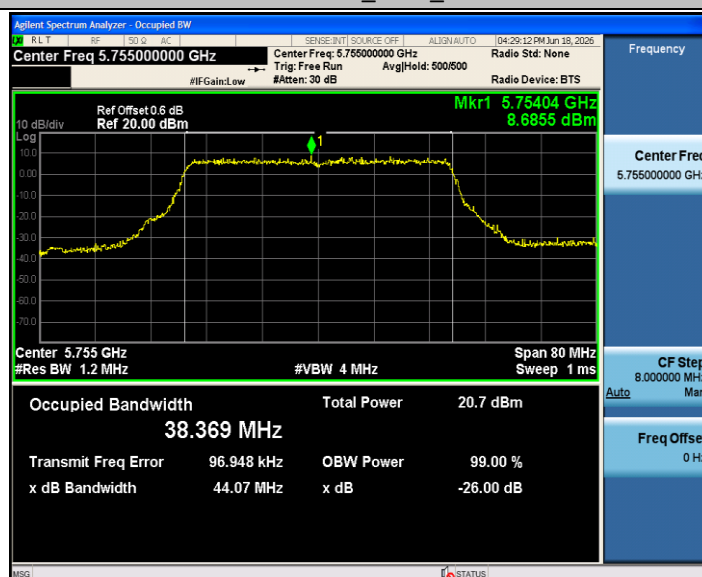




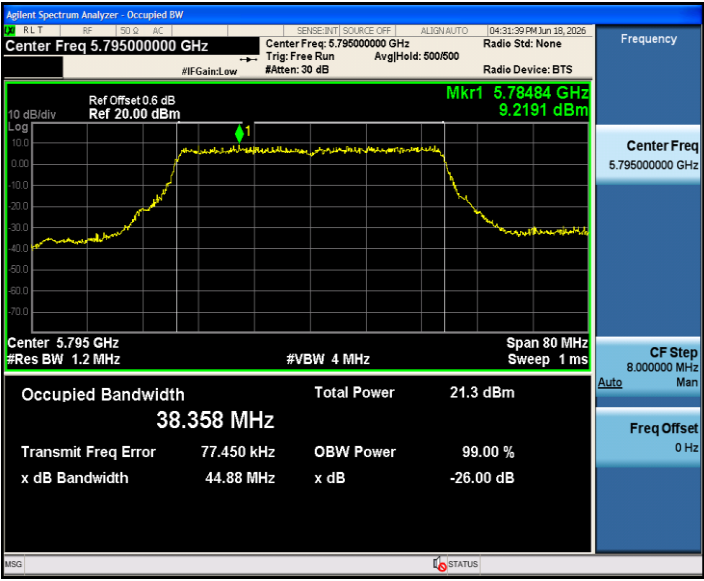
11AX40ISO_Ant1_5230



11AX40ISO_Ant1_5755



11AX40SISO_Ant1_5795

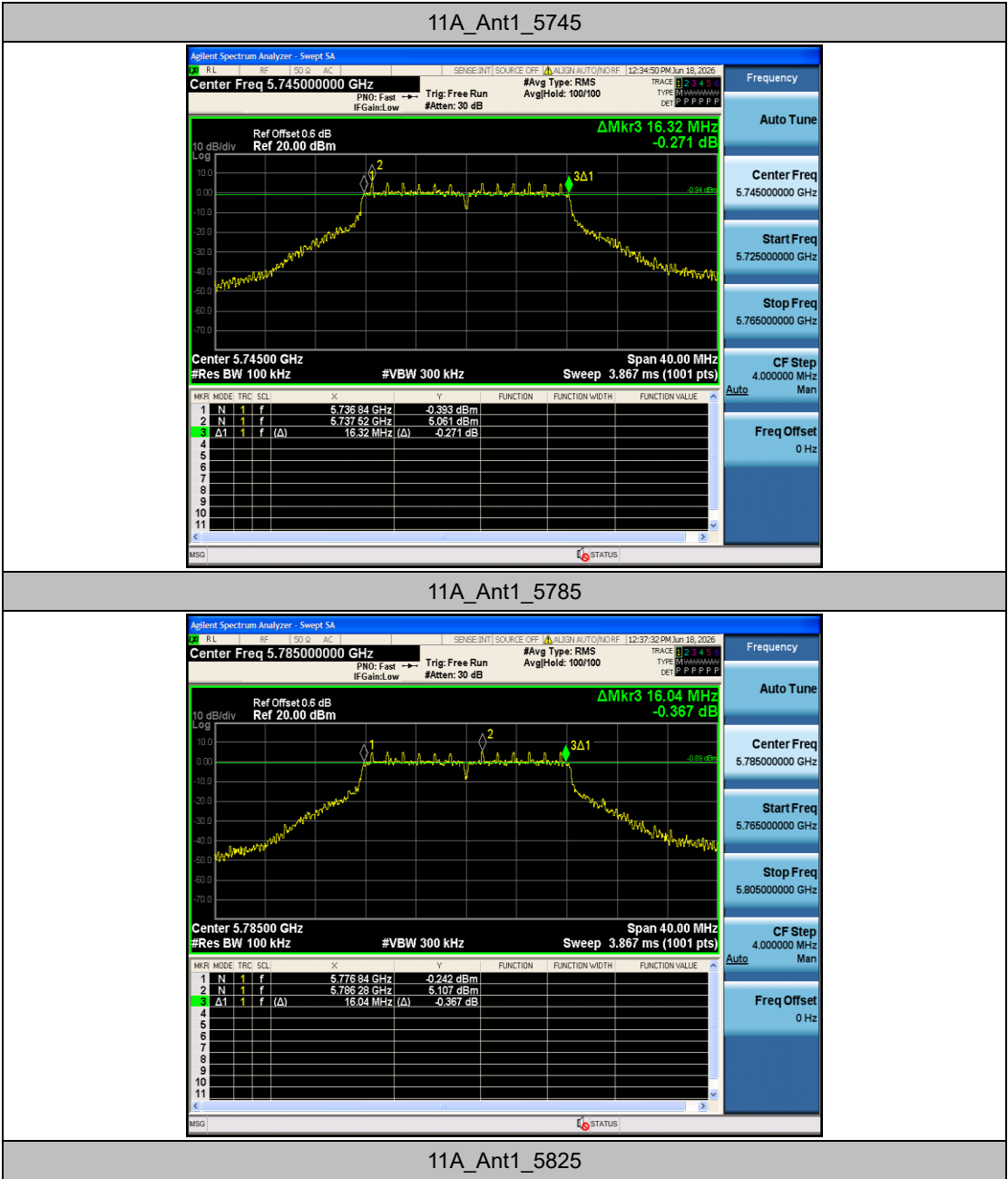


Appendix A3: Min emission bandwidth

Test Result B4

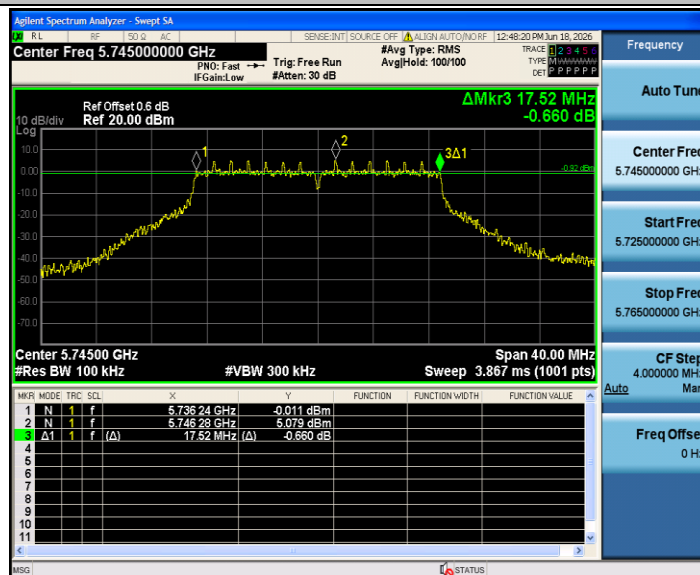
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.320	5736.840	5753.160	0.5	PASS
		5785	16.040	5776.840	5792.880	0.5	PASS
		5825	16.320	5816.840	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.520	5736.240	5753.760	0.5	PASS
		5785	17.280	5776.480	5793.760	0.5	PASS
		5825	17.560	5816.200	5833.760	0.5	PASS
11N40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	18.600	5735.640	5754.240	0.5	PASS
		5785	18.480	5775.600	5794.080	0.5	PASS
		5825	18.400	5815.600	5834.000	0.5	PASS
11AC40SISO	Ant1	5755	37.680	5736.280	5773.960	0.5	PASS
		5795	37.600	5776.280	5813.880	0.5	PASS
11AX20SISO	Ant1	5745	18.480	5735.800	5754.280	0.5	PASS
		5785	18.680	5775.680	5794.360	0.5	PASS
		5825	18.480	5815.840	5834.320	0.5	PASS
11AX40SISO	Ant1	5755	37.600	5736.280	5773.880	0.5	PASS
		5795	37.840	5776.120	5813.960	0.5	PASS

Test Graphs B4

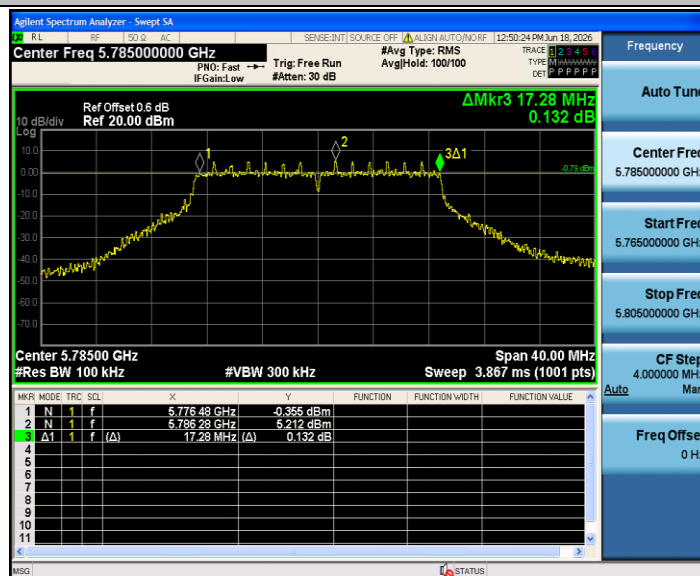




11N20SISO_Ant1_5745



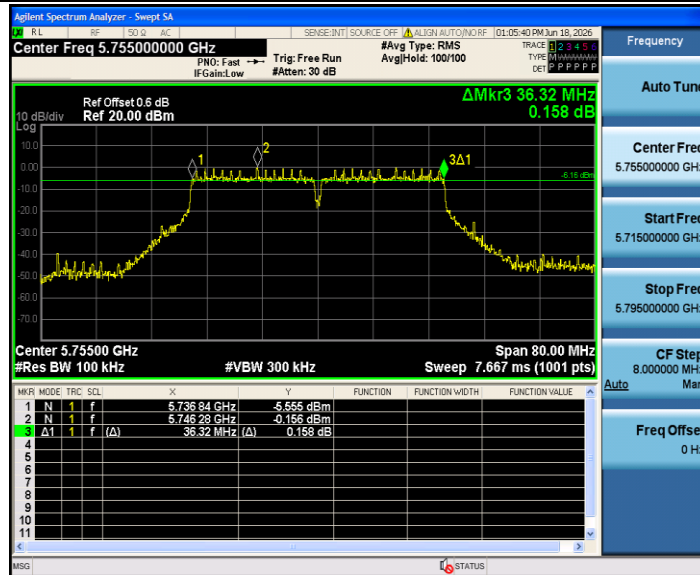
11N20SISO_Ant1_5785



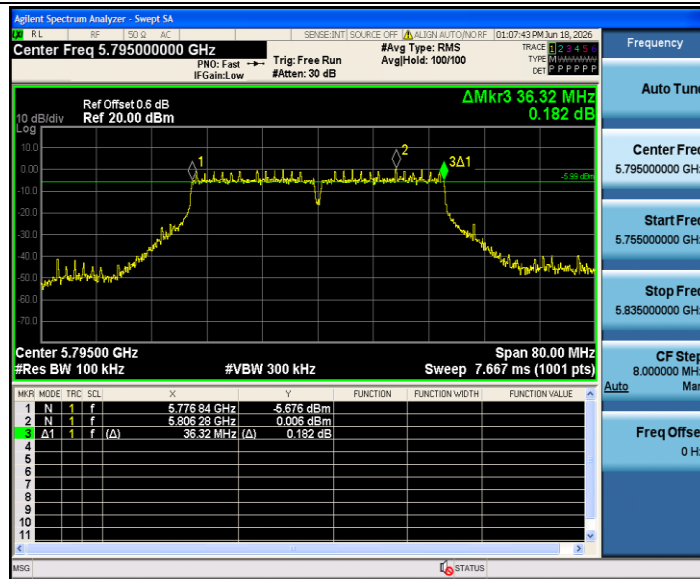
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



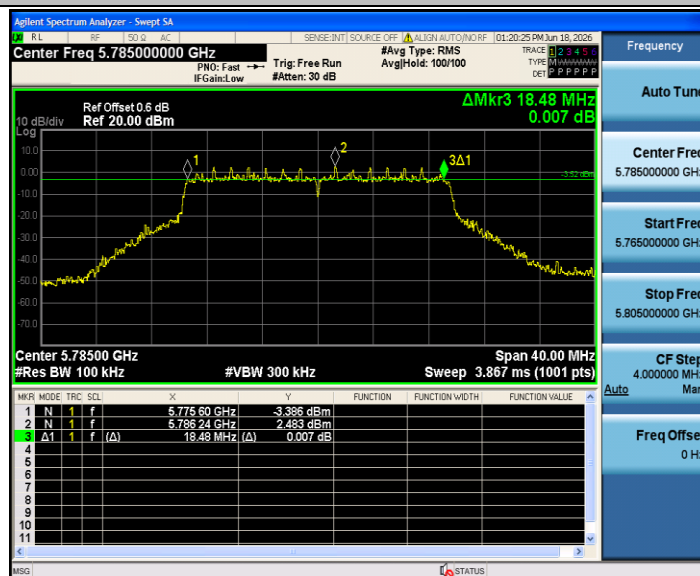
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



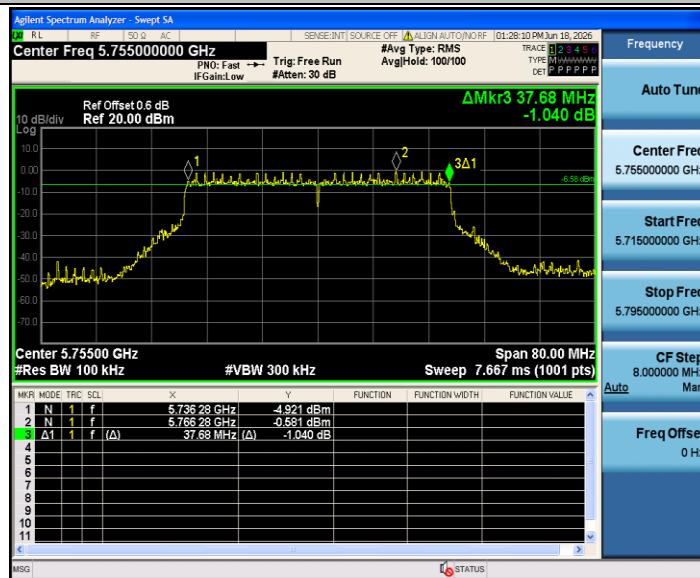
11AC20SISO_Ant1_5785



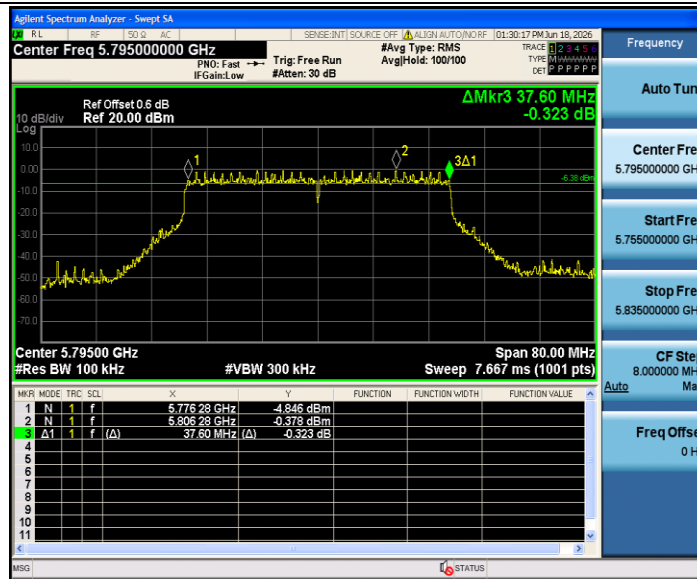
11AC20SISO_Ant1_5825



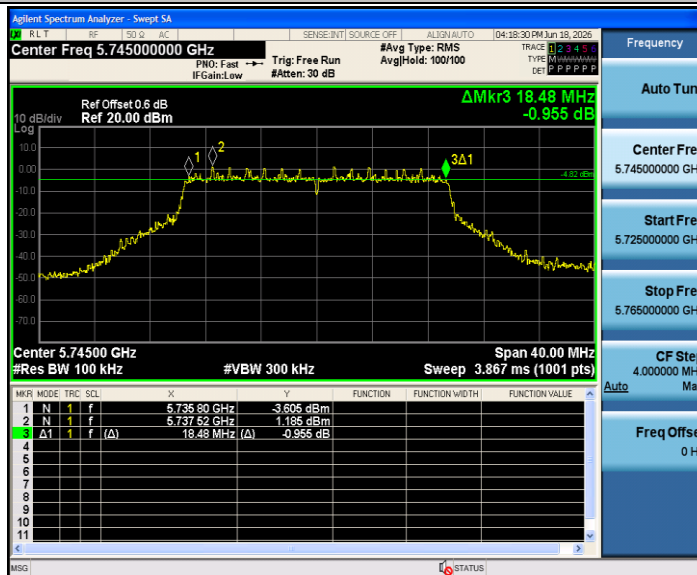
11AC40SISO_Ant1_5755



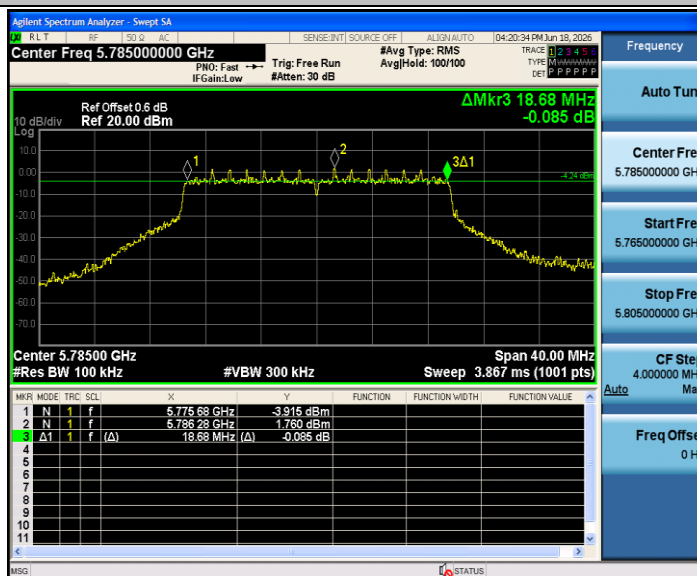
11AC40SISO_Ant1_5795



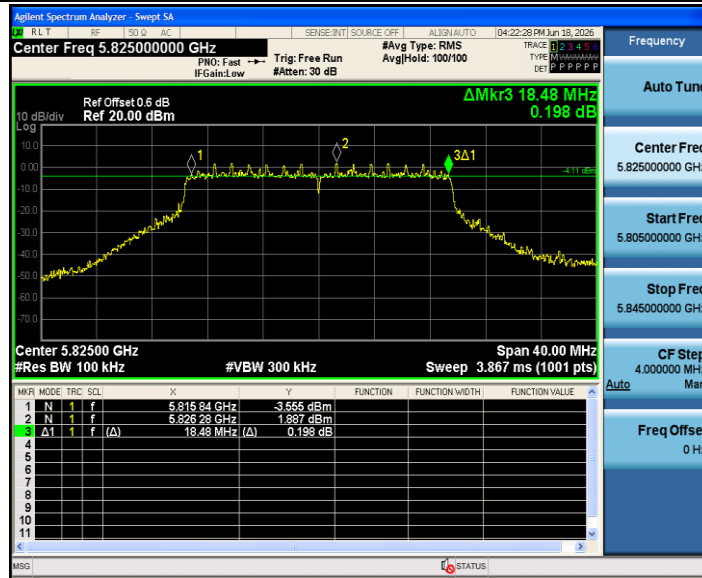
11AX20SISO_Ant1_5745



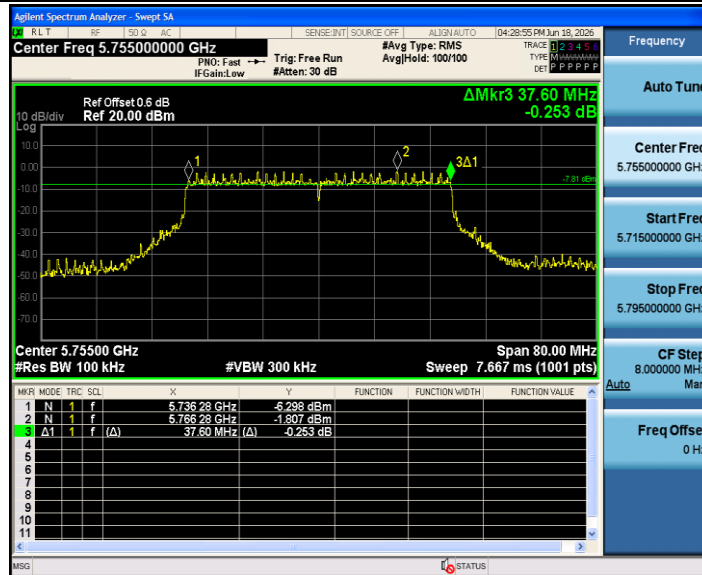
11AX20SISO_Ant1_5785



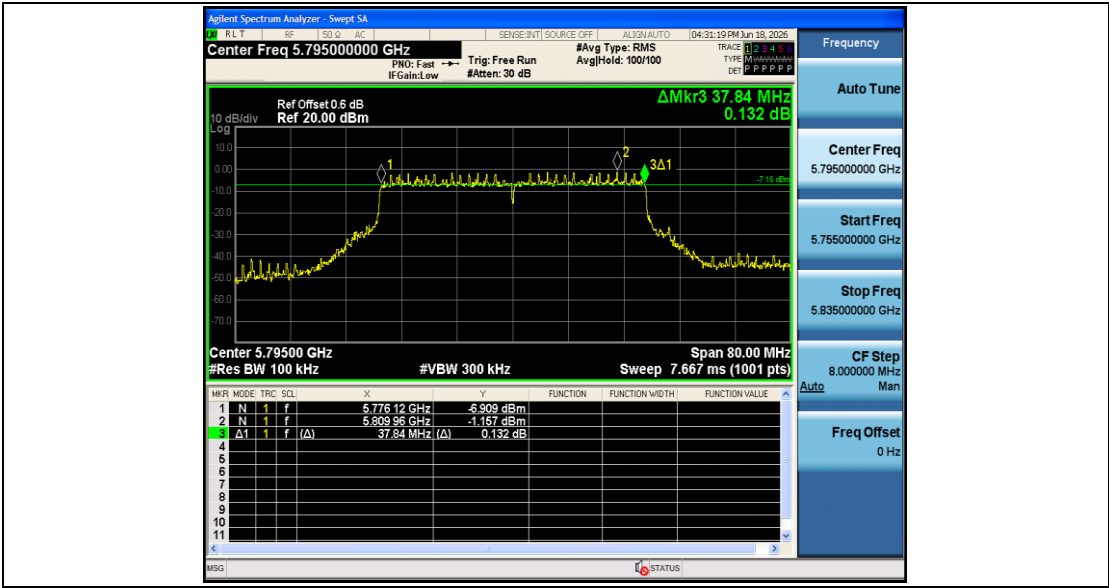
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

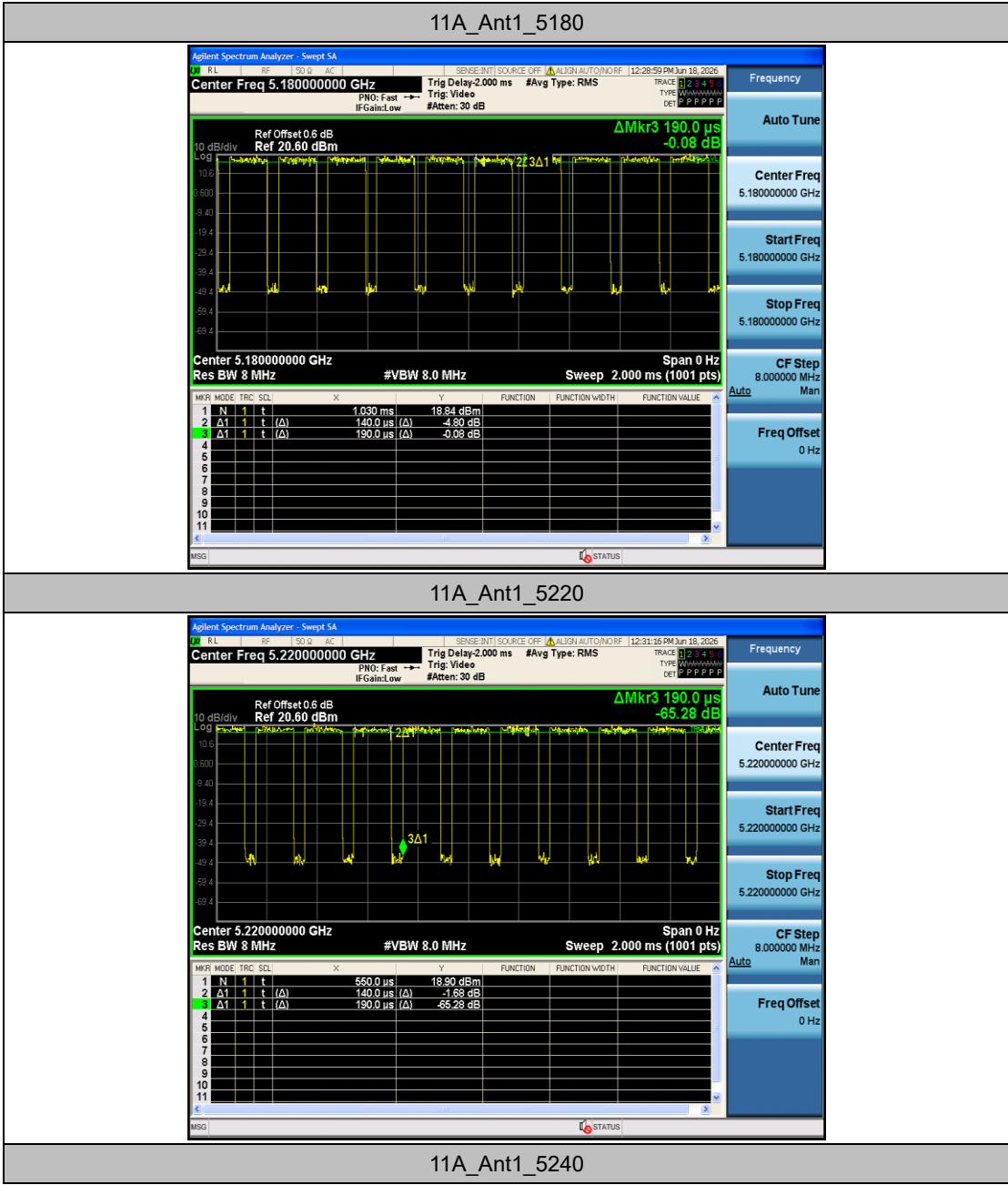


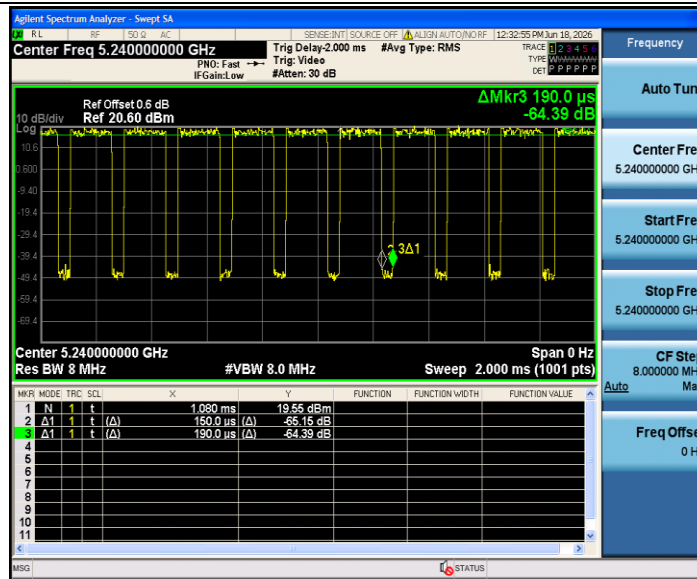
Appendix B: Duty Cycle

Test Result

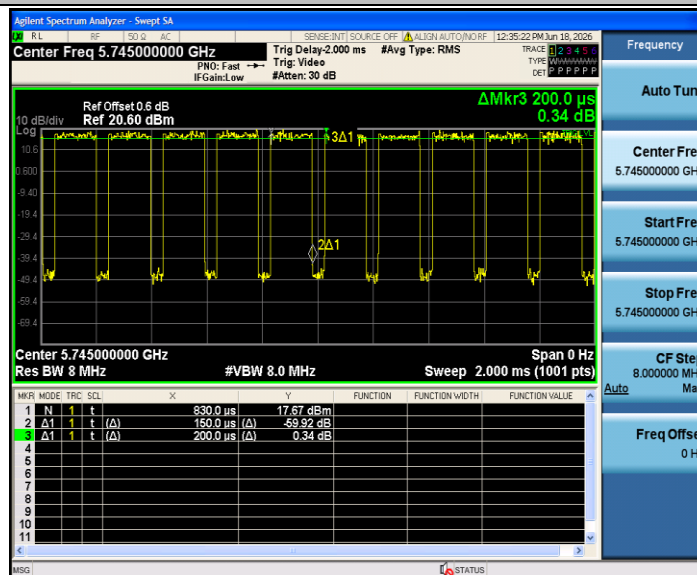
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor [dB]	Limit	Verdict
11A	Ant1	5180	0.14	0.19	73.68	1.33	---	---
		5220	0.14	0.19	73.68	1.33	---	---
		5240	0.15	0.19	78.95	1.03	---	---
		5745	0.15	0.20	75.00	1.25	---	---
		5785	0.15	0.20	75.00	1.25	---	---
		5825	0.14	0.19	73.68	1.33	---	---
11N20SISO	Ant1	5180	0.18	0.23	78.26	1.06	---	---
		5220	0.18	0.23	78.26	1.06	---	---
		5240	0.18	0.23	78.26	1.06	---	---
		5745	0.18	0.23	78.26	1.06	---	---
		5785	0.17	0.22	77.27	1.12	---	---
		5825	0.18	0.23	78.26	1.06	---	---
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	0.26	0.31	83.87	0.76	---	---
		5220	0.26	0.30	86.67	0.62	---	---
		5240	0.25	0.30	83.33	0.79	---	---
		5745	0.25	0.30	83.33	0.79	---	---
		5785	0.26	0.31	83.87	0.76	---	---
		5825	0.26	0.31	83.87	0.76	---	---
11AC40SISO	Ant1	5190	0.17	0.22	77.27	1.12	---	---
		5230	0.18	0.23	78.26	1.06	---	---
		5755	0.17	0.22	77.27	1.12	---	---
		5795	0.18	0.23	78.26	1.06	---	---
11AX20SISO	Ant1	5180	0.26	0.31	83.87	0.76	---	---
		5220	0.26	0.30	86.67	0.62	---	---
		5240	0.25	0.30	83.33	0.79	---	---
		5745	0.26	0.31	83.87	0.76	---	---
		5785	0.26	0.31	83.87	0.76	---	---
		5825	0.26	0.31	83.87	0.76	---	---
11AX40SISO	Ant1	5190	0.18	0.22	81.82	0.87	---	---
		5230	0.17	0.22	77.27	1.12	---	---
		5755	0.18	0.22	81.82	0.87	---	---
		5795	0.18	0.22	81.82	0.87	---	---

Test Graphs

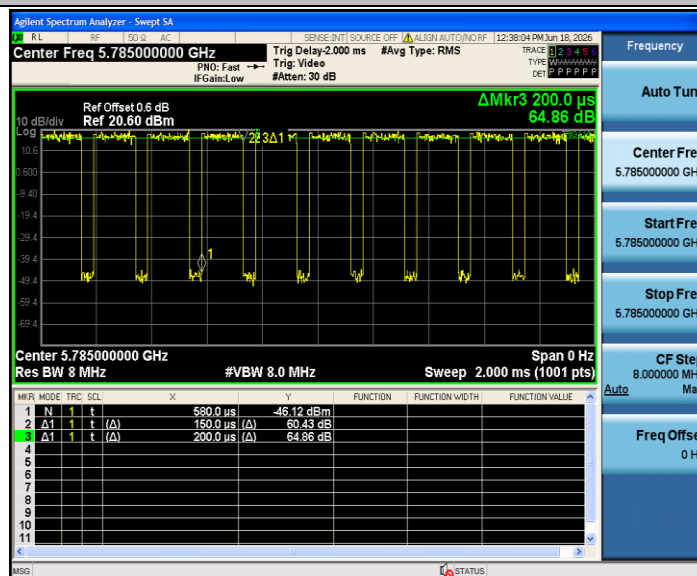




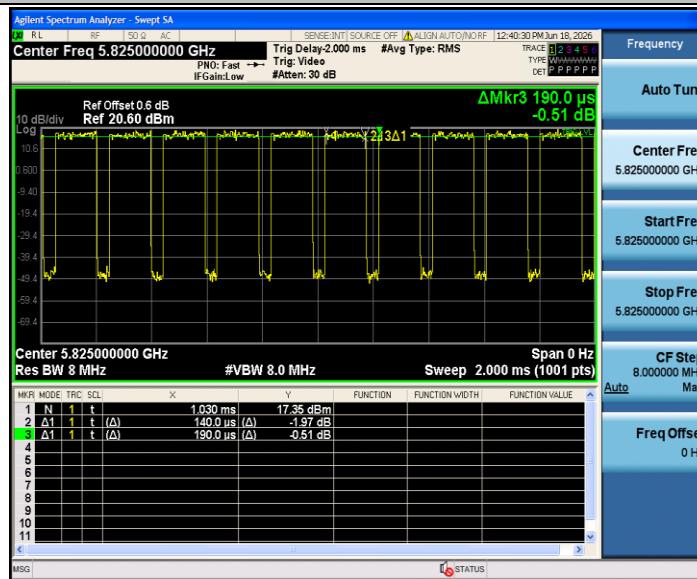
11A_Ant1_5745



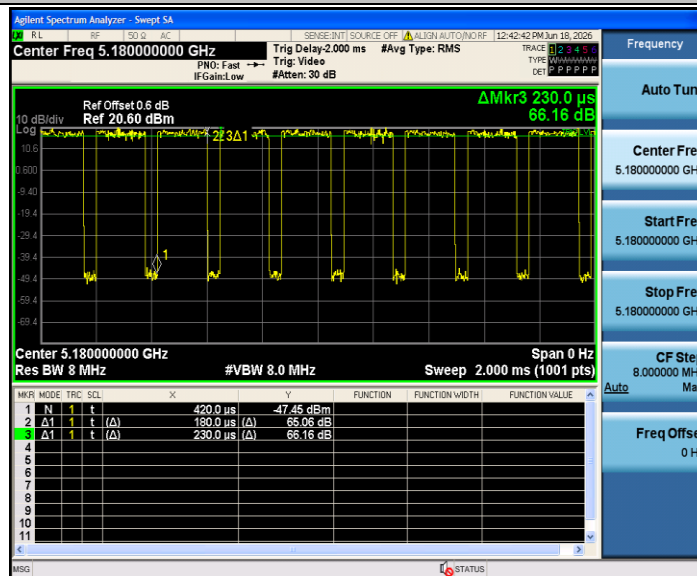
11A_Ant1_5785



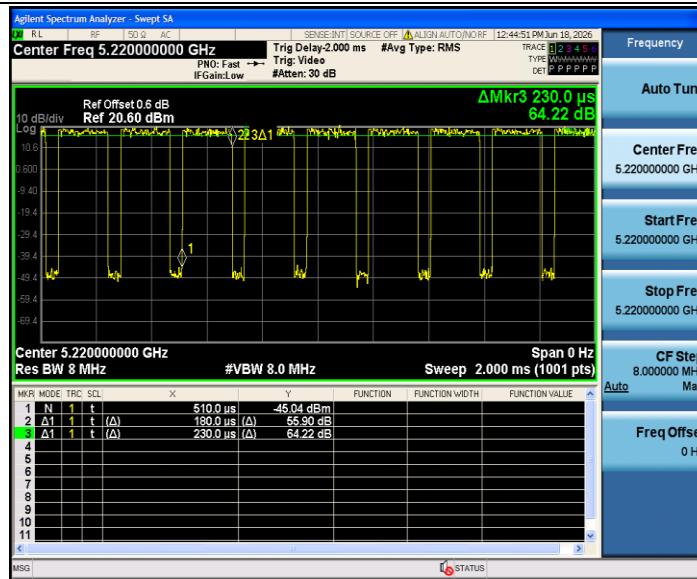
11A_Ant1_5825



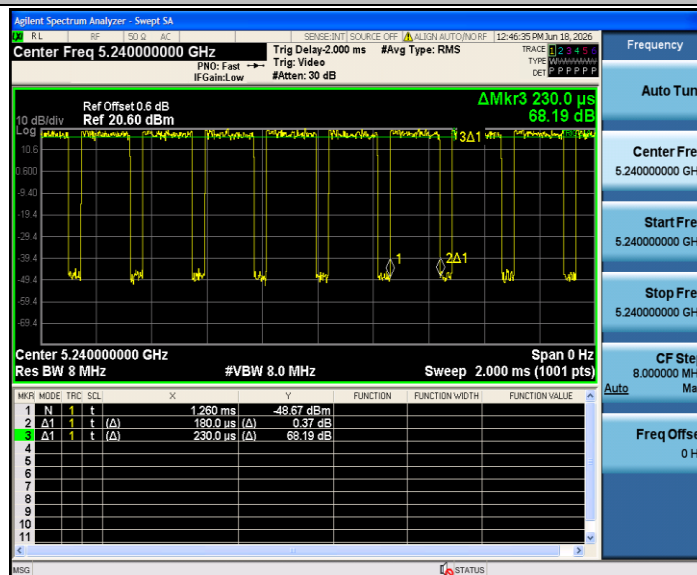
11N20SISO_Ant1_5180



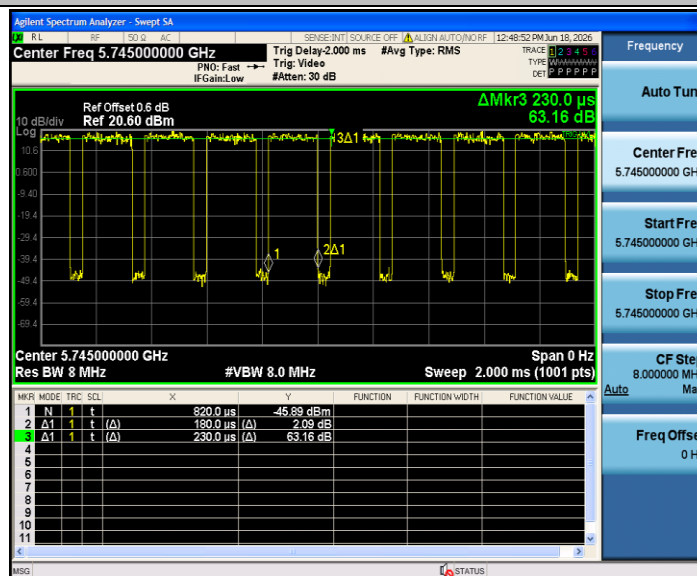
11N20SISO_Ant1_5220



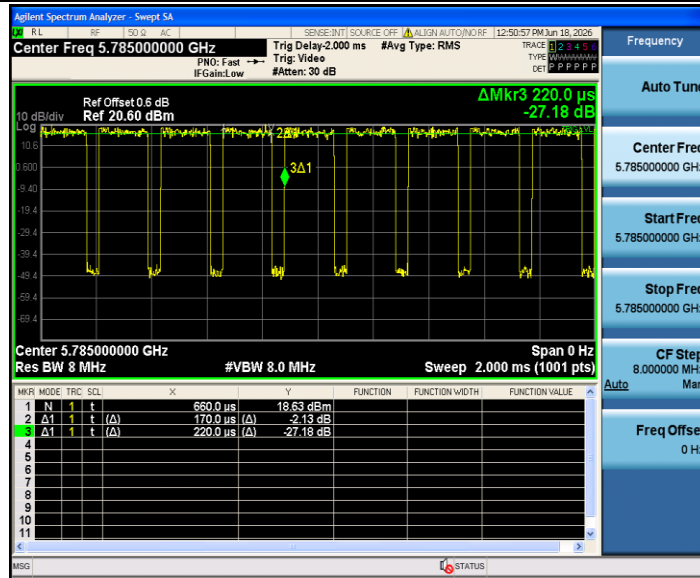
11N20SISO_Ant1_5240



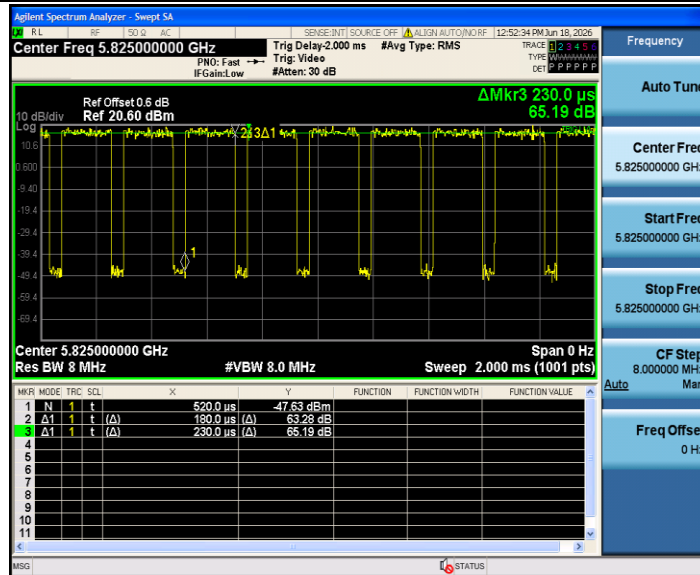
11N20SISO_Ant1_5745



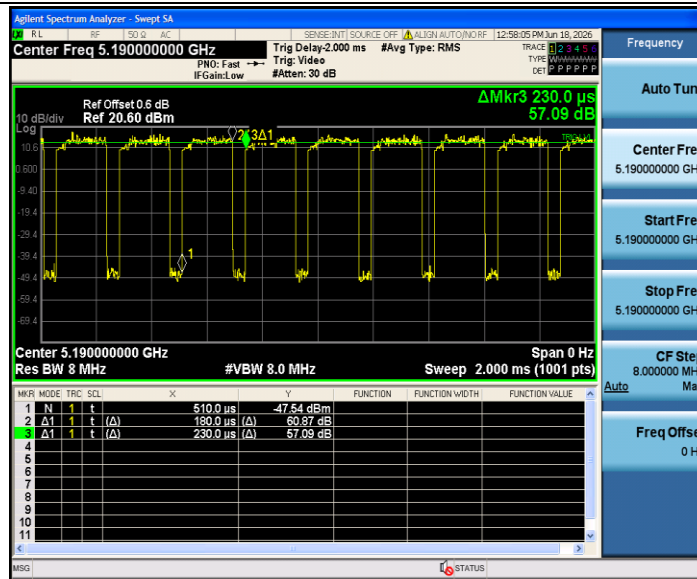
11N20SISO_Ant1_5785



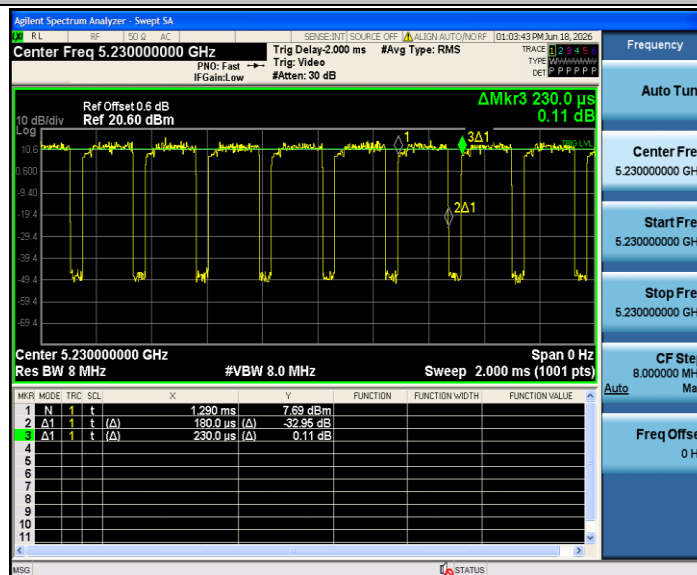
11N20SISO_Ant1_5825



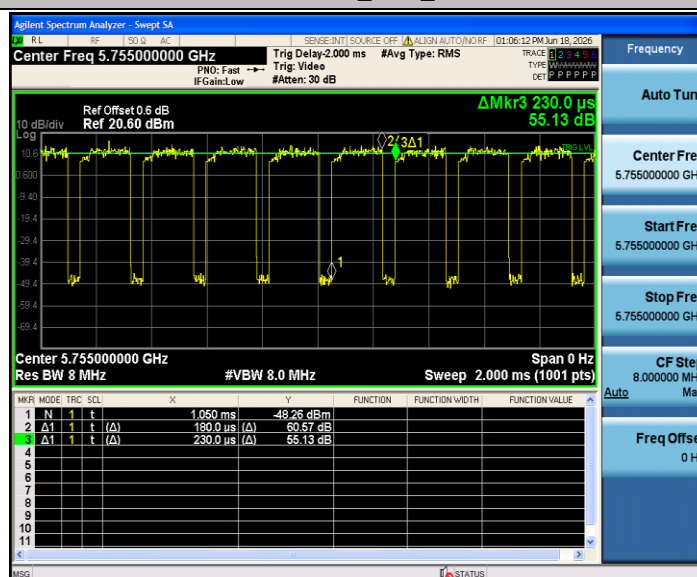
11N40SISO_Ant1_5190



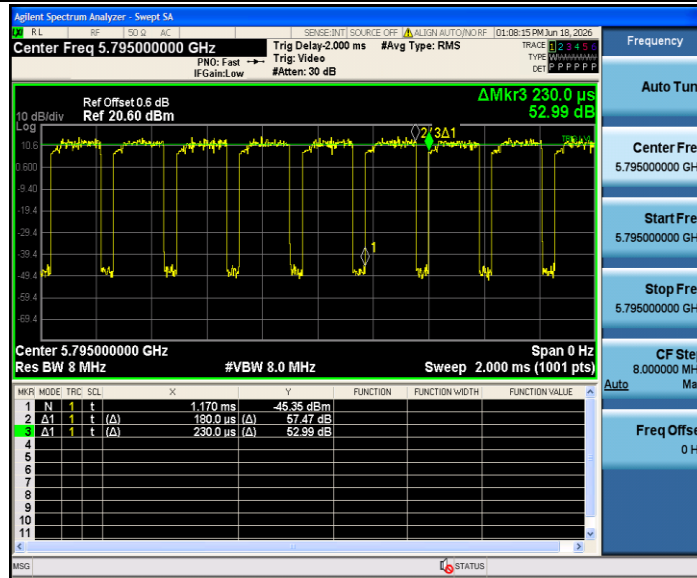
11N40SISO_Ant1_5230



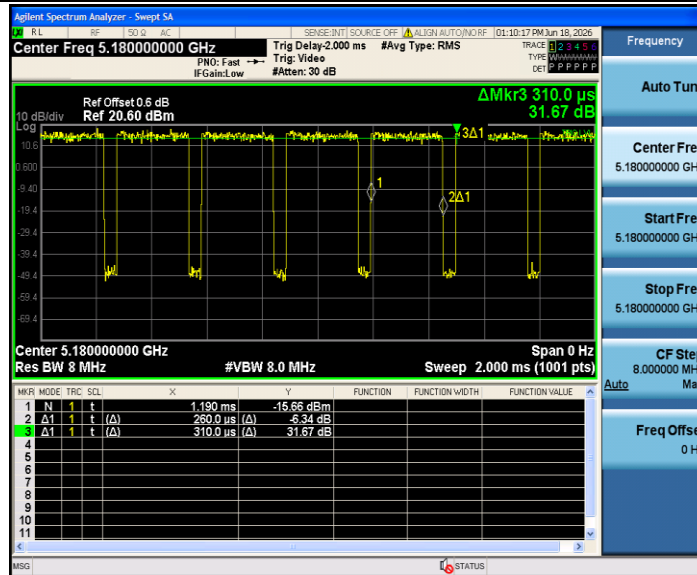
11N40SISO_Ant1_5755



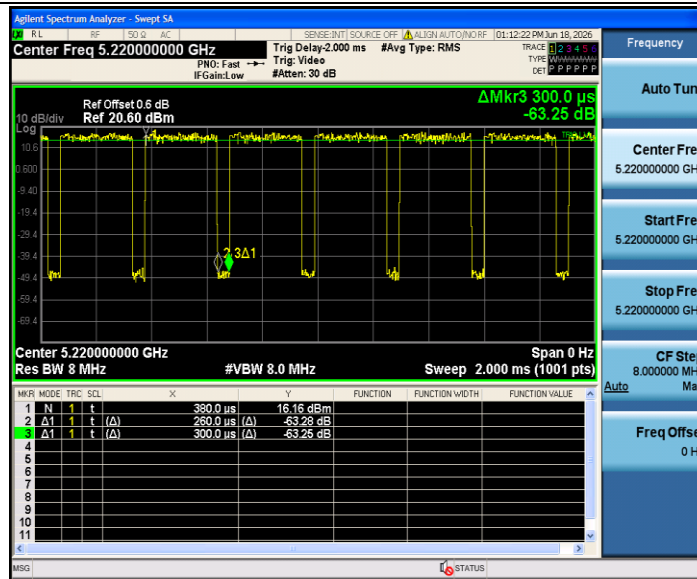
11N40SISO_Ant1_5795



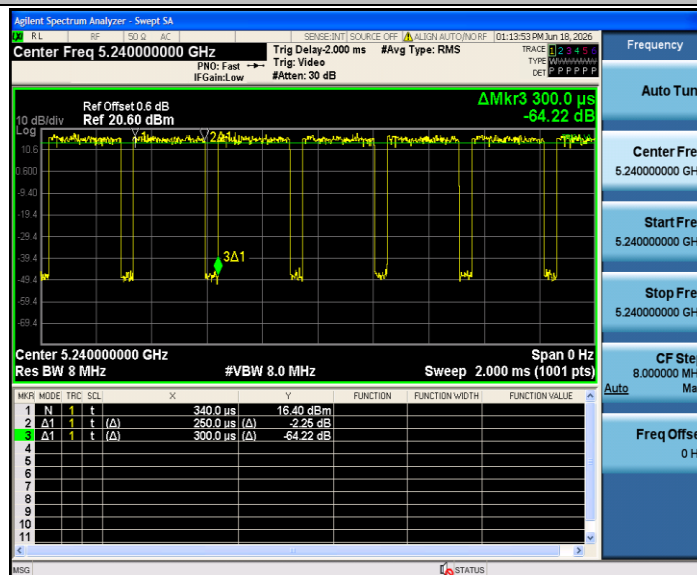
11AC20SISO_Ant1_5180



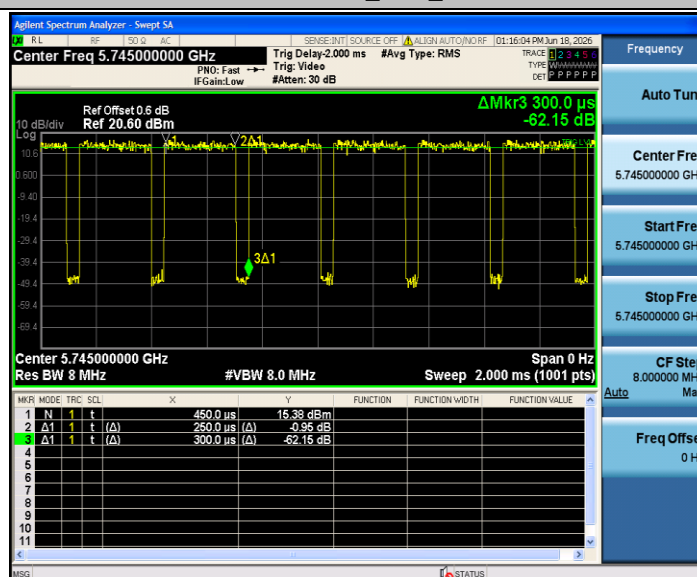
11AC20SISO_Ant1_5220



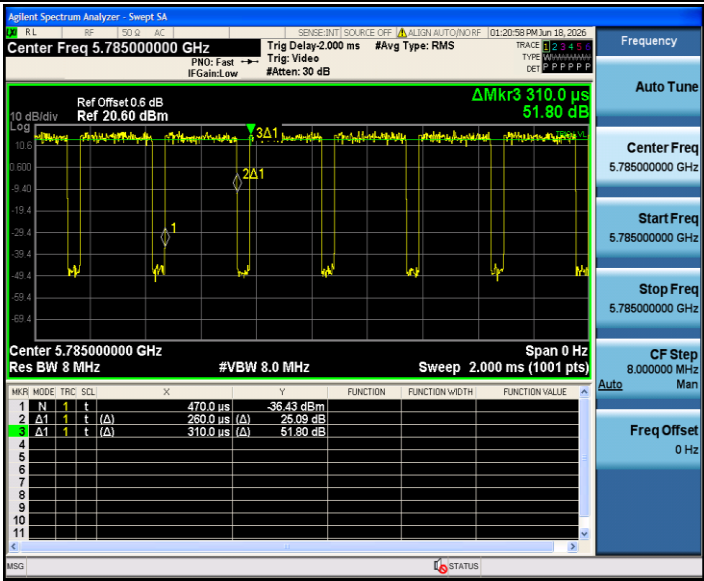
11AC20SISO_Ant1_5240



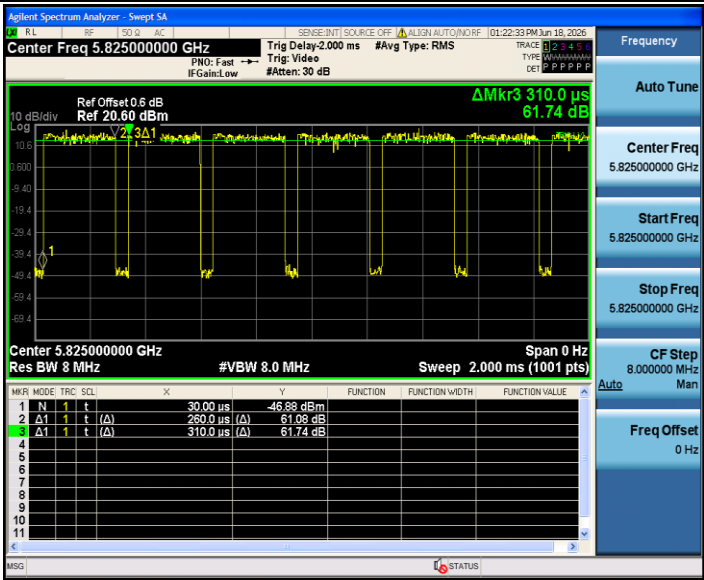
11AC20SISO_Ant1_5745



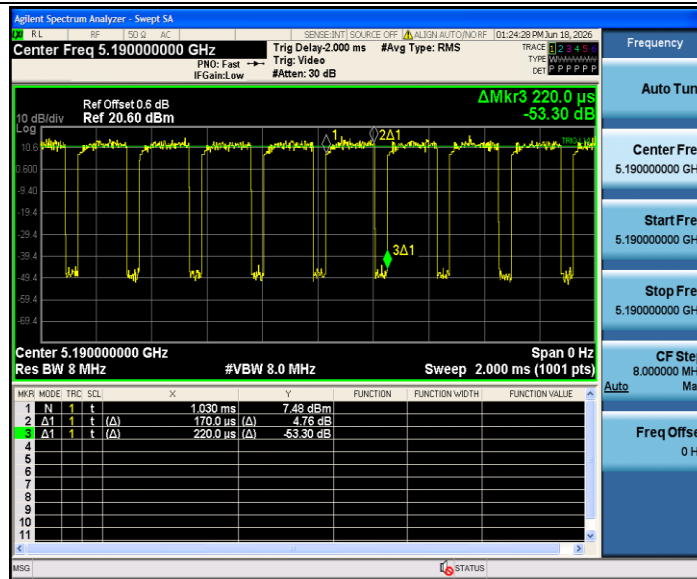
11AC20SISO_Ant1_5785



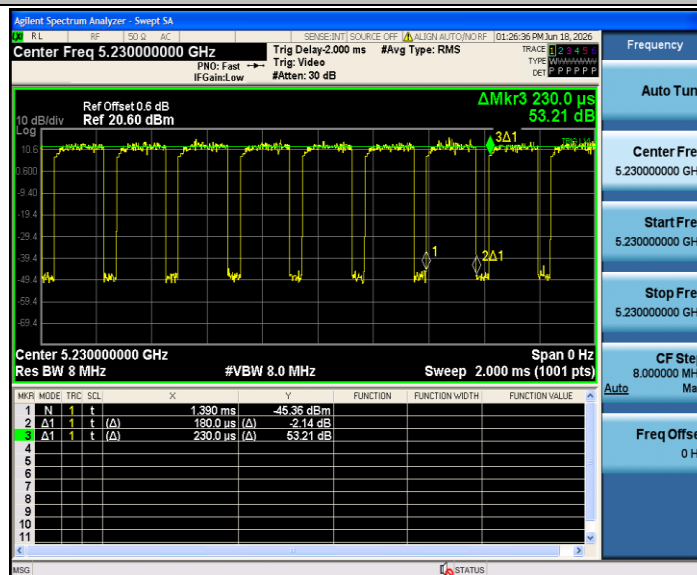
11AC20SISO_Ant1_5825



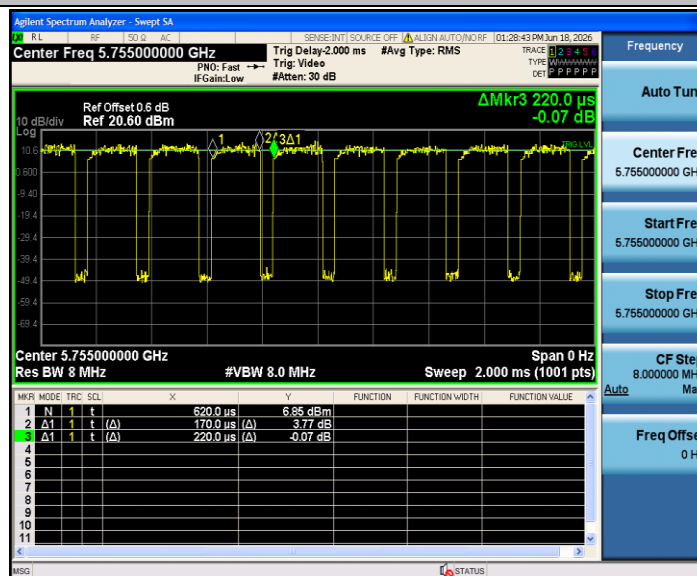
11AC40SISO_Ant1_5190



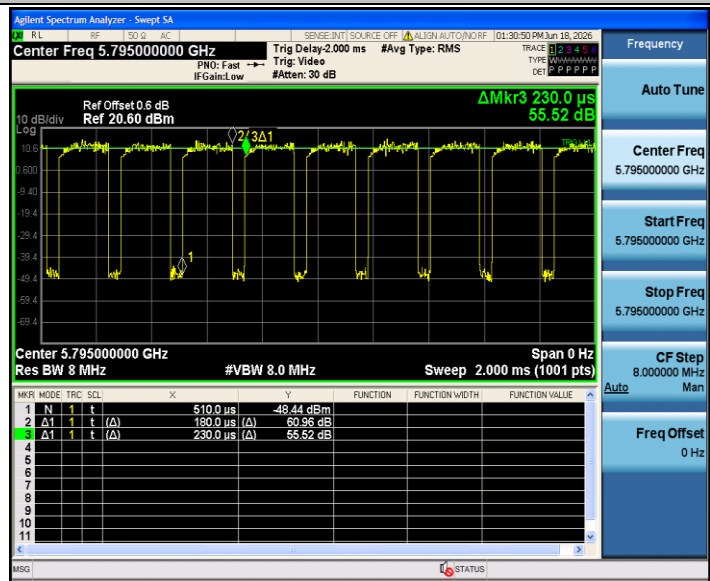
11AC40SISO_Ant1_5230



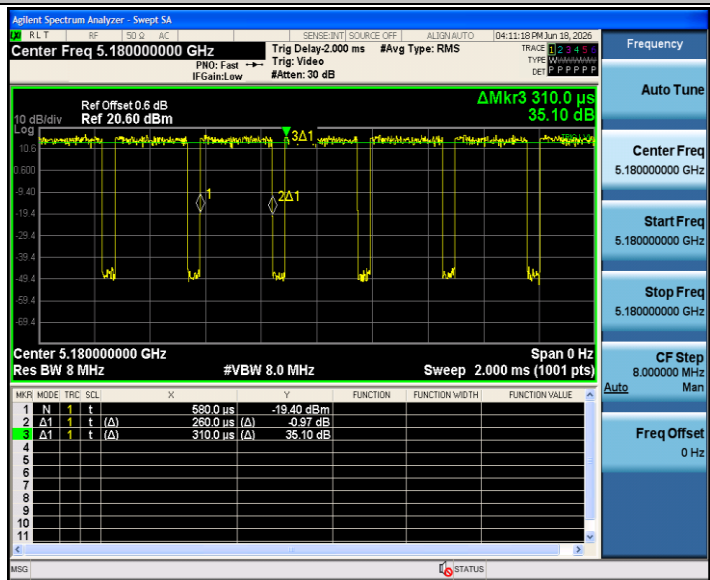
11AC40SISO_Ant1_5755



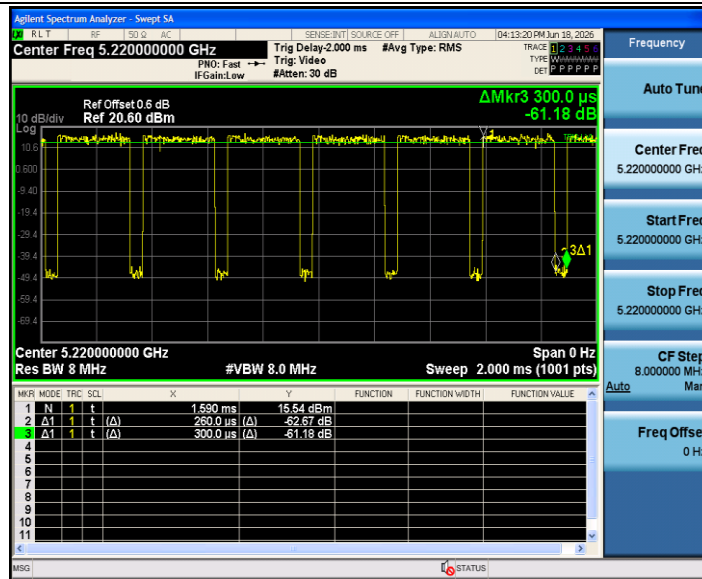
11AC40SISO_Ant1_5795



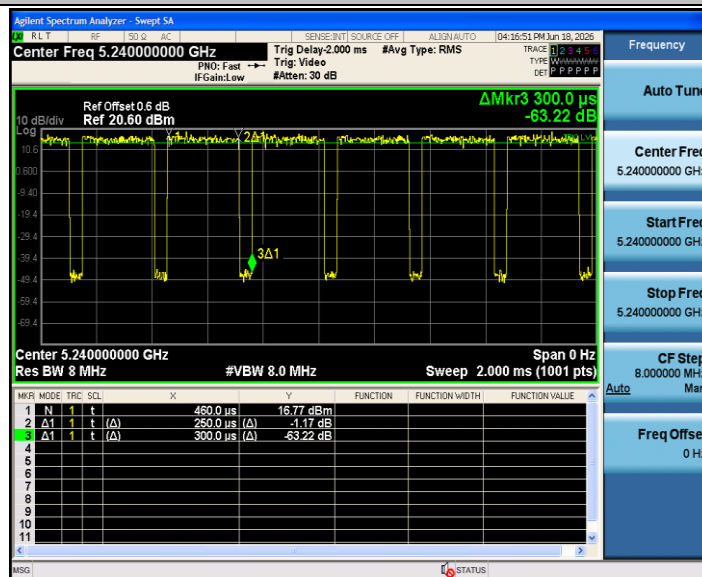
11AX20SISO_Ant1_5180



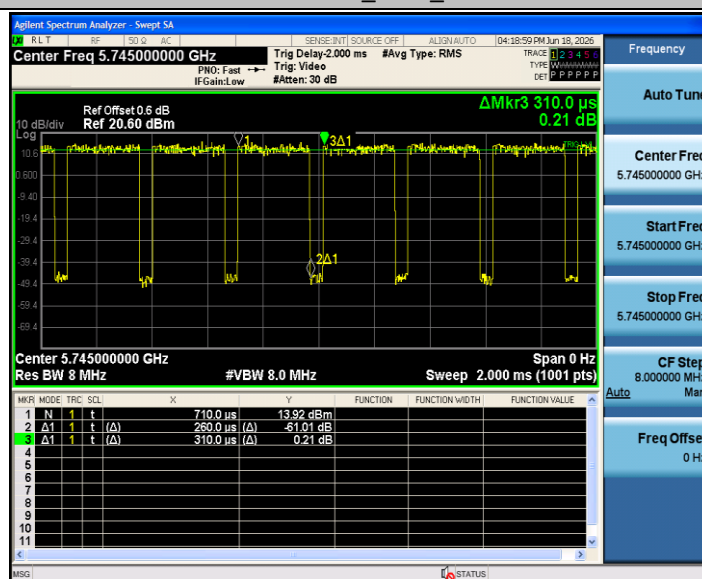
11AX20SISO_Ant1_5220



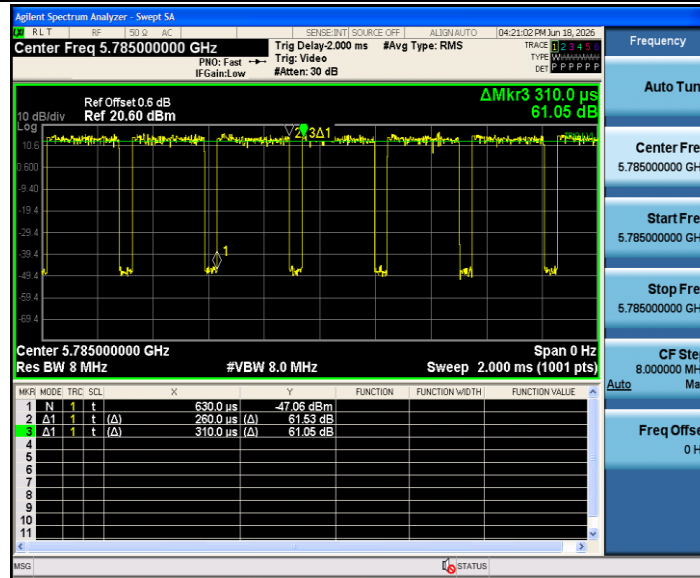
11AX20SISO_Ant1_5240



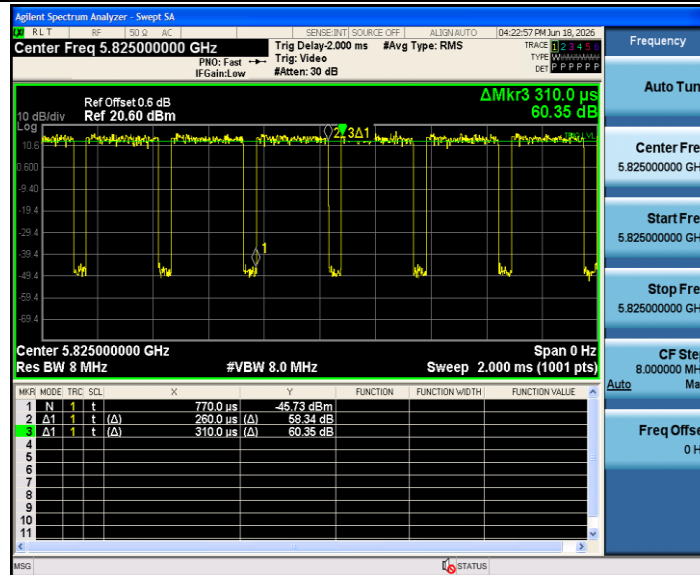
11AX20SISO_Ant1_5745



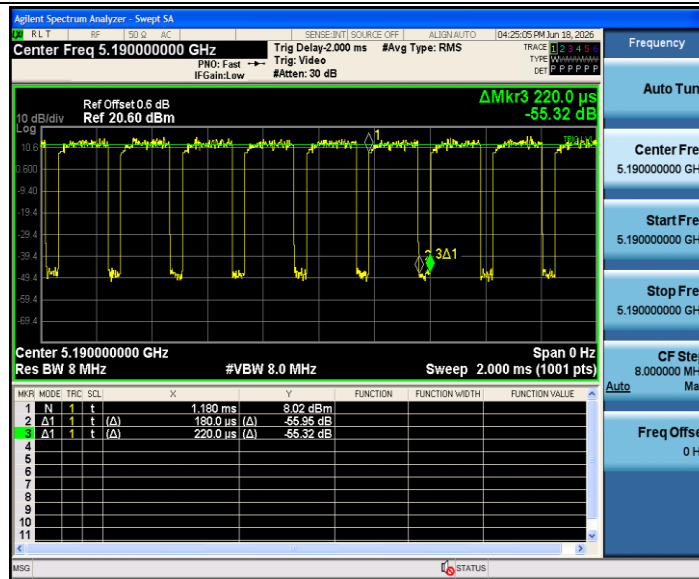
11AX20SISO_Ant1_5785



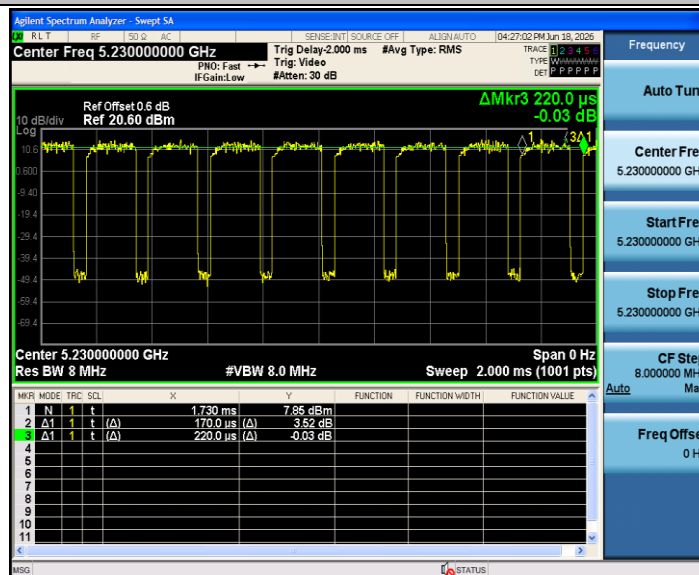
11AX20SISO_Ant1_5825



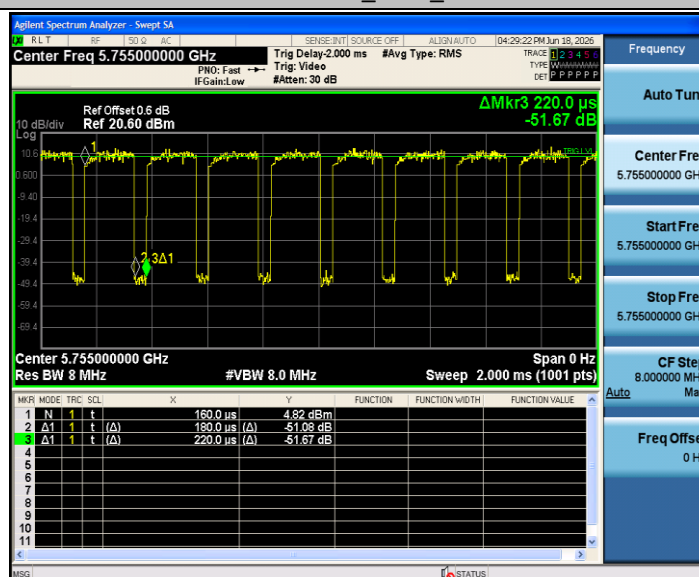
11AX40SISO_Ant1_5190



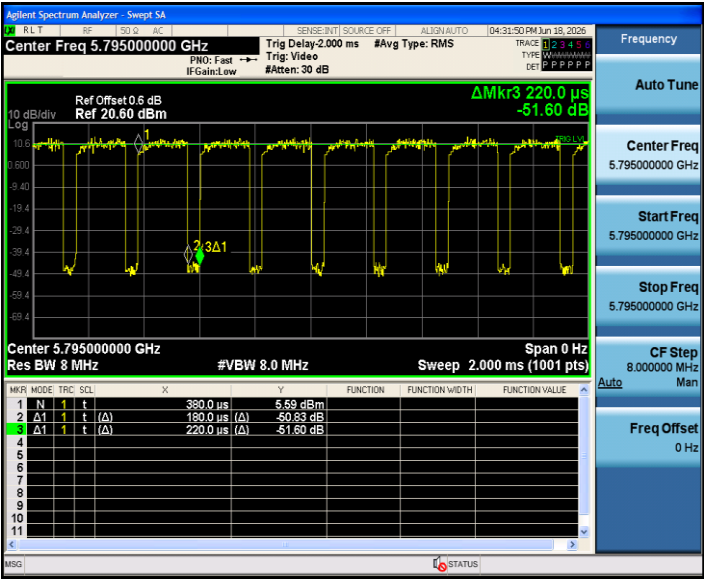
11AX40ISO_Ant1_5230



11AX40ISO_Ant1_5755



11AX40SISO_Ant1_5795



Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	14.45	73.68	1.33	15.78	≤23.98	PASS
		5220	14.82	73.68	1.33	16.15	≤23.98	PASS
		5240	14.68	78.95	1.03	15.71	≤23.98	PASS
		5745	14.45	75.00	1.25	15.70	≤30.00	PASS
		5785	14.58	75.00	1.25	15.83	≤30.00	PASS
		5825	14.28	73.68	1.33	15.61	≤30.00	PASS
11N20SISO	Ant1	5180	14.56	78.26	1.06	15.62	≤23.98	PASS
		5220	14.90	78.26	1.06	15.96	≤23.98	PASS
		5240	14.75	78.26	1.06	15.81	≤23.98	PASS
		5745	14.60	78.26	1.06	15.66	≤30.00	PASS
		5785	14.72	77.27	1.12	15.84	≤30.00	PASS
		5825	14.40	78.26	1.06	15.46	≤30.00	PASS
11N40SISO	Ant1	5190	14.21	78.26	1.06	15.27	≤23.98	PASS
		5230	12.37	78.26	1.06	13.43	≤23.98	PASS
		5755	12.56	78.26	1.06	13.62	≤30.00	PASS
		5795	12.72	78.26	1.06	13.78	≤30.00	PASS
11AC20SISO	Ant1	5180	12.44	83.87	0.76	13.20	≤23.98	PASS
		5220	12.79	86.67	0.62	13.41	≤23.98	PASS
		5240	12.70	83.33	0.79	13.49	≤23.98	PASS
		5745	12.61	83.33	0.79	13.40	≤30.00	PASS
		5785	12.72	83.87	0.76	13.48	≤30.00	PASS
		5825	12.46	83.87	0.76	13.22	≤30.00	PASS
11AC40SISO	Ant1	5190	12.22	77.27	1.12	13.34	≤23.98	PASS
		5230	12.40	78.26	1.06	13.46	≤23.98	PASS
		5755	12.25	77.27	1.12	13.37	≤30.00	PASS
		5795	12.43	78.26	1.06	13.49	≤30.00	PASS
11AX20SISO	Ant1	5180	12.21	83.87	0.76	12.97	≤23.98	PASS
		5220	11.89	86.67	0.62	12.51	≤23.98	PASS
		5240	12.70	83.33	0.79	13.49	≤23.98	PASS
		5745	11.24	83.87	0.76	12.00	≤30.00	PASS
		5785	11.75	83.87	0.76	12.51	≤30.00	PASS
		5825	12.02	83.87	0.76	12.78	≤30.00	PASS
11AX40SISO	Ant1	5190	12.88	81.82	0.87	13.75	≤23.98	PASS
		5230	12.57	77.27	1.12	13.69	≤23.98	PASS
		5755	10.93	81.82	0.87	11.80	≤30.00	PASS
		5795	11.56	81.82	0.87	12.43	≤30.00	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	RawData [dBm/MHz]	DC Factor [dBm]	RBW Factor [dBm]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	4.31	1.33	0.00	5.64	≤11.00	PASS
		5220	4.63	1.33	0.00	5.96	≤11.00	PASS
		5240	4.5	1.03	0.00	5.53	≤11.00	PASS
		5745	-1.17	1.25	2.22	2.30	≤30.00	PASS
		5785	-0.77	1.25	2.22	2.70	≤30.00	PASS
		5825	-1.05	1.33	2.22	2.50	≤30.00	PASS
11N20SISO	Ant1	5180	4.25	1.06	0.00	5.31	≤11.00	PASS
		5220	4.42	1.06	0.00	5.48	≤11.00	PASS
		5240	4.51	1.06	0.00	5.57	≤11.00	PASS
		5745	-1.33	1.06	2.22	1.95	≤30.00	PASS
		5785	-1.09	1.12	2.22	2.25	≤30.00	PASS
		5825	-0.84	1.06	2.22	2.44	≤30.00	PASS
11N40SISO	Ant1	5190	0.7	1.06	0.00	1.76	≤11.00	PASS
		5230	-1.05	1.06	0.00	0.01	≤11.00	PASS
		5755	-6.33	1.06	2.22	-3.05	≤30.00	PASS
		5795	-6.5	1.06	2.22	-3.22	≤30.00	PASS
11AC20SISO	Ant1	5180	2.03	0.76	0.00	2.79	≤11.00	PASS
		5220	2.13	0.62	0.00	2.75	≤11.00	PASS
		5240	2.41	0.79	0.00	3.20	≤11.00	PASS
		5745	-3.05	0.79	2.22	-0.04	≤30.00	PASS
		5785	-3.39	0.76	2.22	-0.41	≤30.00	PASS
		5825	-3.79	0.76	2.22	-0.81	≤30.00	PASS
11AC40SISO	Ant1	5190	-1.4	1.12	0.00	-0.28	≤11.00	PASS
		5230	-1.34	1.06	0.00	-0.28	≤11.00	PASS
		5755	-6.71	1.12	2.22	-3.37	≤30.00	PASS
		5795	-6.37	1.06	2.22	-3.09	≤30.00	PASS
11AX20SISO	Ant1	5180	1.59	0.76	0.00	2.35	≤11.00	PASS
		5220	1.44	0.62	0.00	2.06	≤11.00	PASS
		5240	2.41	0.79	0.00	3.20	≤11.00	PASS
		5745	-5.03	0.76	2.22	-2.05	≤30.00	PASS
		5785	-4.27	0.76	2.22	-1.29	≤30.00	PASS
		5825	-3.97	0.76	2.22	-0.99	≤30.00	PASS
11AX40SISO	Ant1	5190	-0.55	0.87	0.00	0.32	≤11.00	PASS
		5230	-1.21	1.12	0.00	-0.09	≤11.00	PASS
		5755	-8.13	0.87	2.22	-5.04	≤30.00	PASS
		5795	-7.41	0.87	2.22	-4.32	≤30.00	PASS

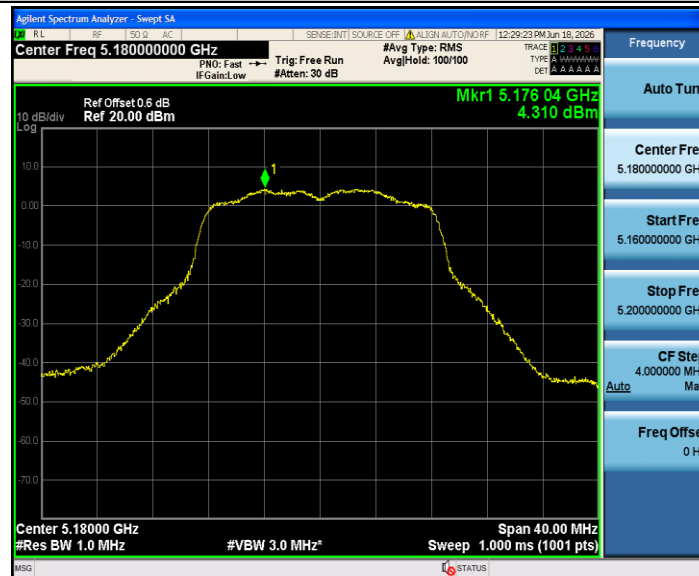
Total Power Spectral Density (dBm/MHz)= Power Spectral Density (dBm/MHz)+ Duty Factor (dB)

Remark: P.S.D(dBm/500KHz)= P.S.D(dBm/300KHz)+10 log (500 kHz/300KHz)+ Duty factor.

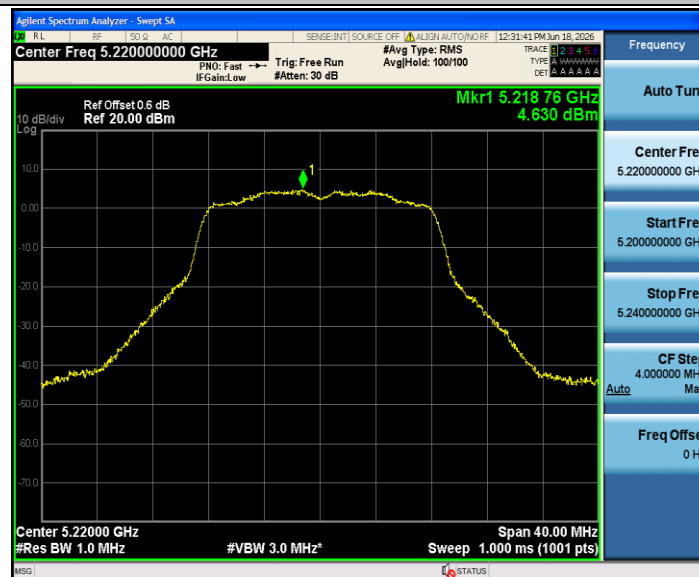
RBW factor = 10 log (500 KHz / 300 KHz) = 2.22 dB

Test Graphs

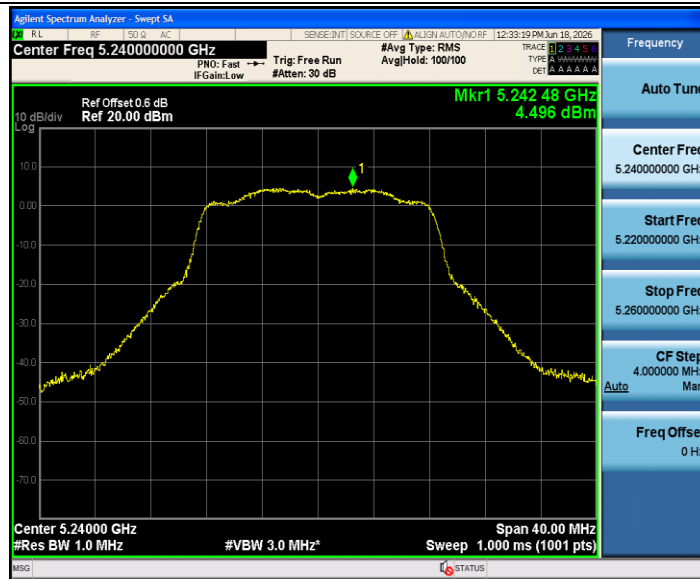
11A_Ant1_5180



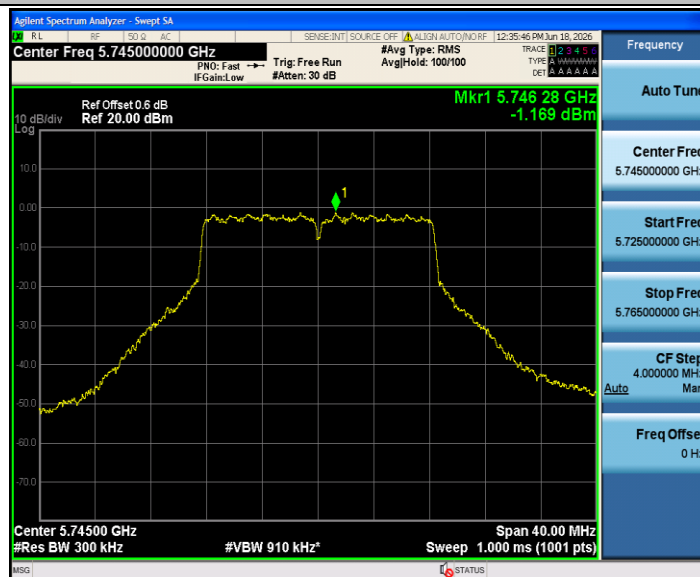
11A_Ant1_5220



11A_Ant1_5240



11A_Ant1_5745



11A_Ant1_5785

