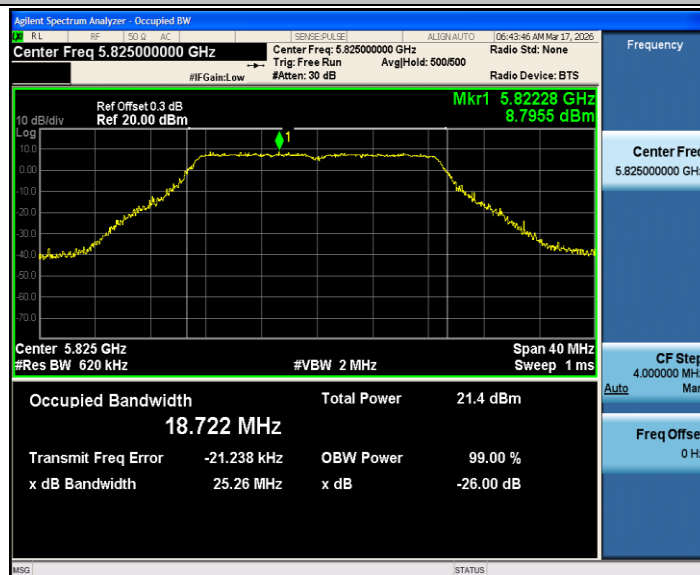




11N20SISO_Ant1_5825



Appendix A3: Min emission bandwidth

Test Result B4

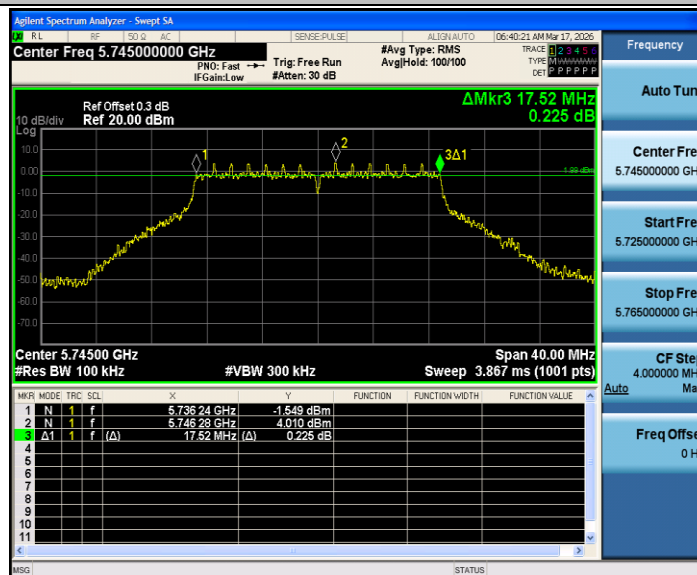
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.280	5725.040	5764.960	0.5	PASS
		5785	16.320	5776.840	5793.160	0.5	PASS
		5825	16.320	5816.840	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.520	5736.240	5753.760	0.5	PASS
		5785	17.520	5776.240	5793.760	0.5	PASS
		5825	17.520	5816.240	5833.760	0.5	PASS

Test Graphs B4





11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825

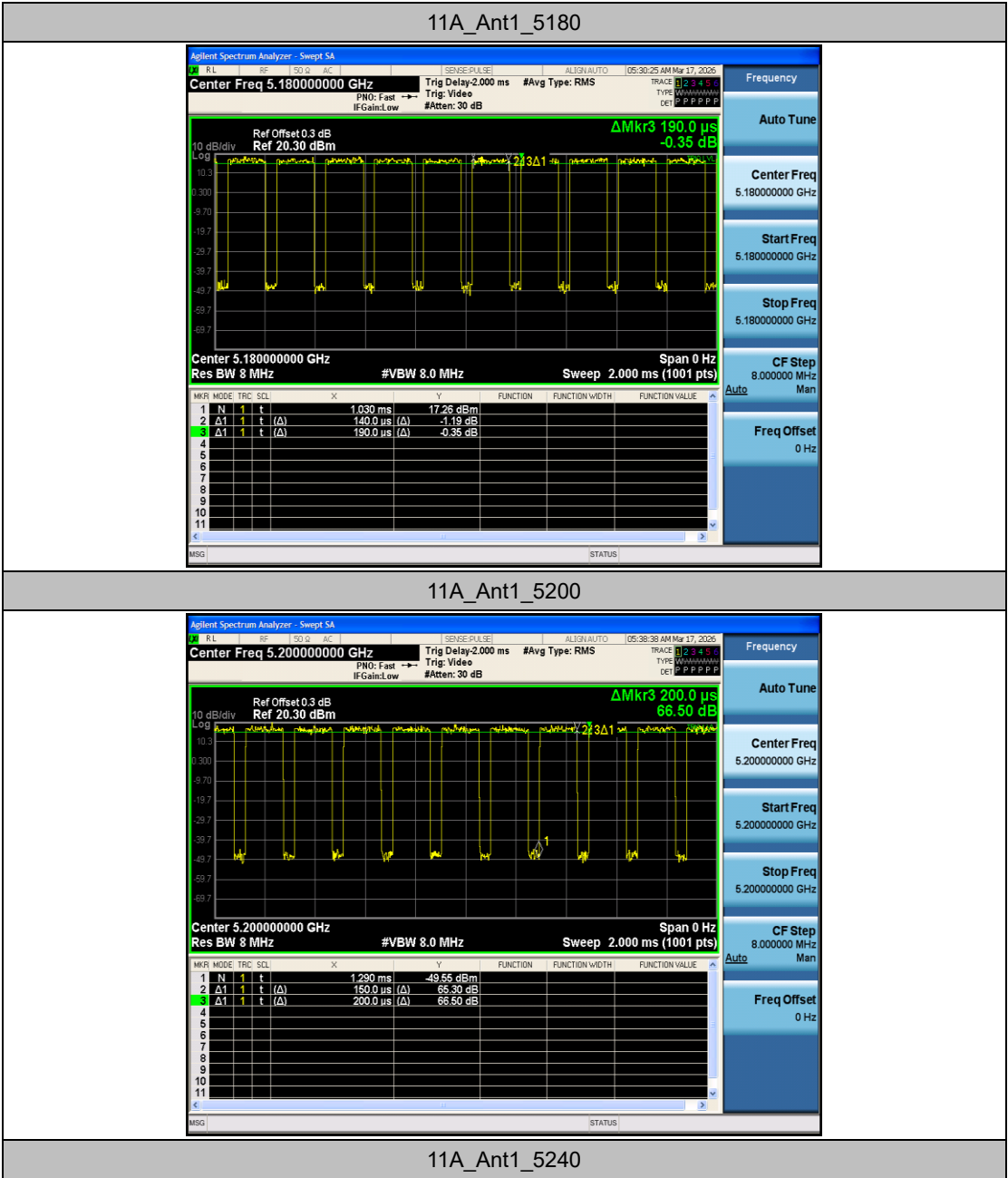


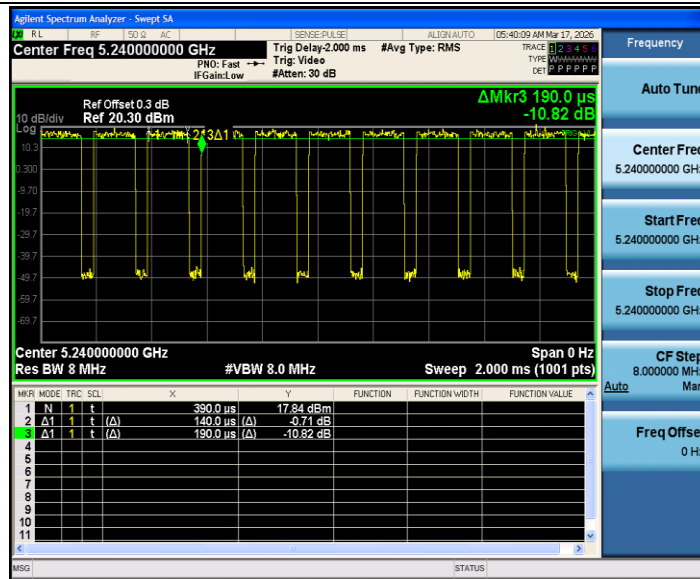
Appendix B: Duty Cycle

Test Result

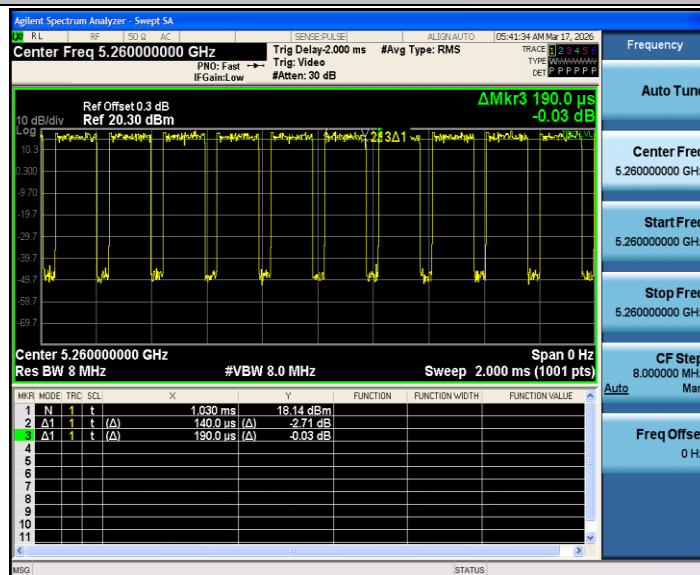
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor [dB]	Limit	Verdict
11A	Ant1	5180	0.14	0.19	73.68	1.33	---	---
		5200	0.15	0.20	75.00	1.25	---	---
		5240	0.14	0.19	73.68	1.33	---	---
		5260	0.14	0.19	73.68	1.33	---	---
		5280	0.14	0.19	73.68	1.33	---	---
		5320	0.15	0.20	75.00	1.25	---	---
		5500	0.15	0.20	75.00	1.25	---	---
		5580	0.14	0.19	73.68	1.33	---	---
		5700	0.15	0.19	78.95	1.03	---	---
		5745	0.15	0.19	78.95	1.03	---	---
		5785	0.14	0.19	73.68	1.33	---	---
		5825	0.14	0.19	73.68	1.33	---	---
11N20SISO	Ant1	5180	0.18	0.22	81.82	0.87	---	---
		5200	0.18	0.22	81.82	0.87	---	---
		5240	0.18	0.23	78.26	1.06	---	---
		5260	0.18	0.23	78.26	1.06	---	---
		5280	0.18	0.23	78.26	1.06	---	---
		5320	0.18	0.22	81.82	0.87	---	---
		5500	0.18	0.23	78.26	1.06	---	---
		5580	0.17	0.22	77.27	1.12	---	---
		5700	0.18	0.22	81.82	0.87	---	---
		5745	0.17	0.22	77.27	1.12	---	---
		5785	0.17	0.22	77.27	1.12	---	---
		5825	0.18	0.23	78.26	1.06	---	---

Test Graphs

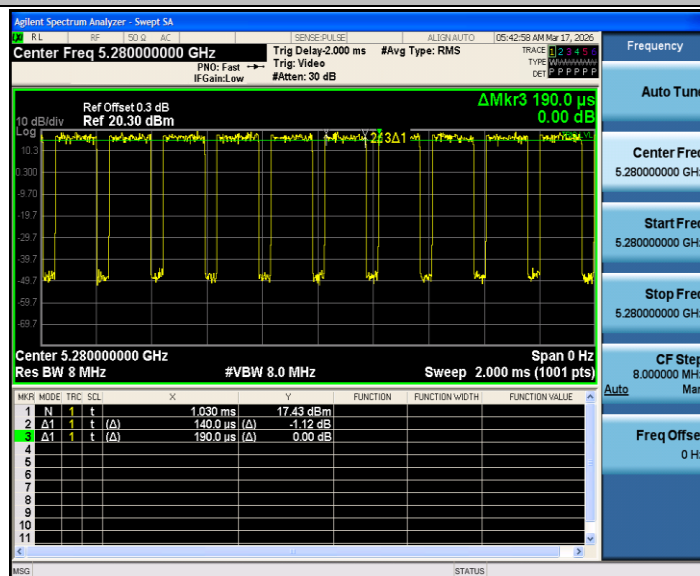




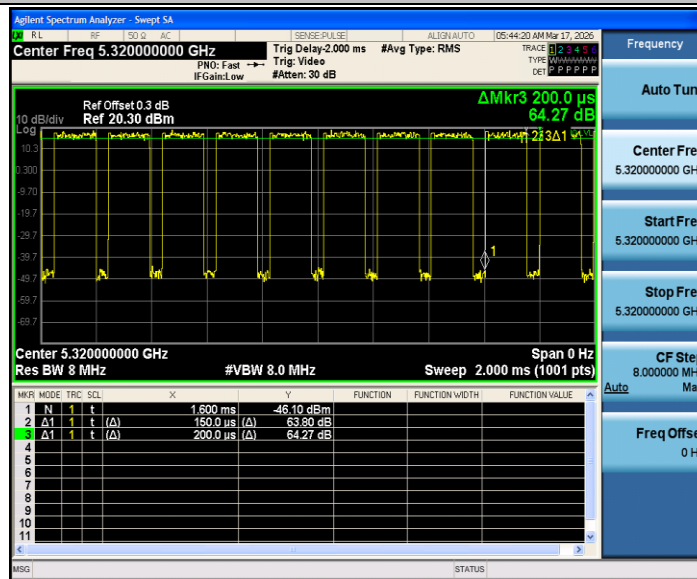
11A_Ant1_5260



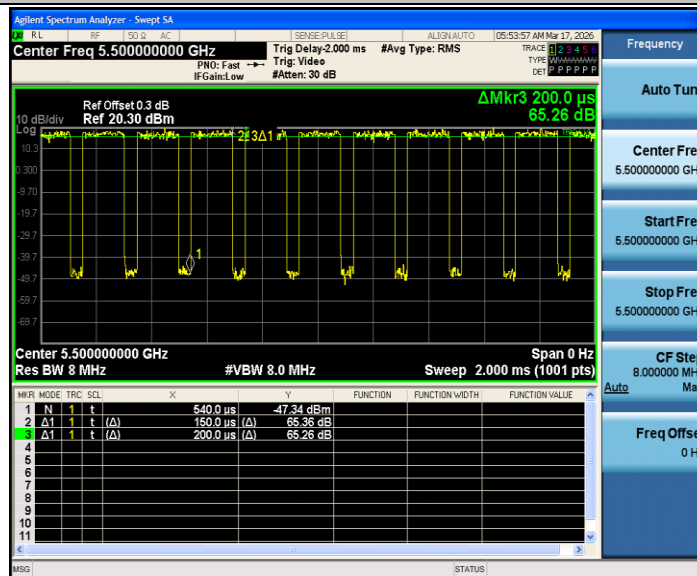
11A_Ant1_5280



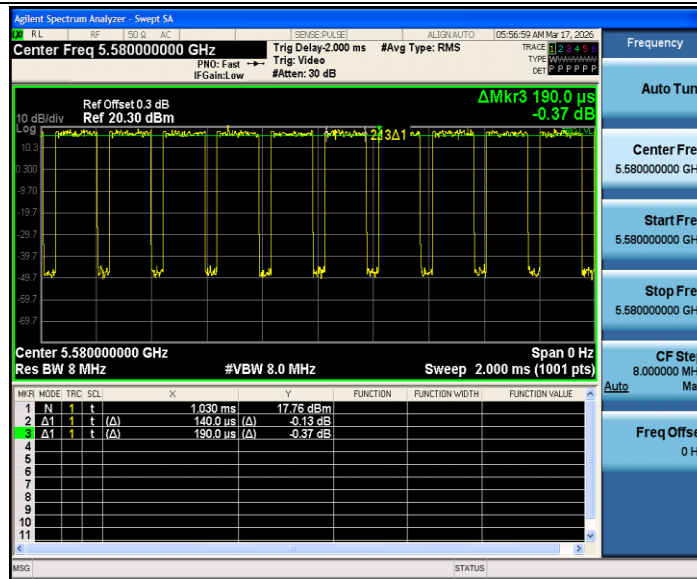
11A_Ant1_5320



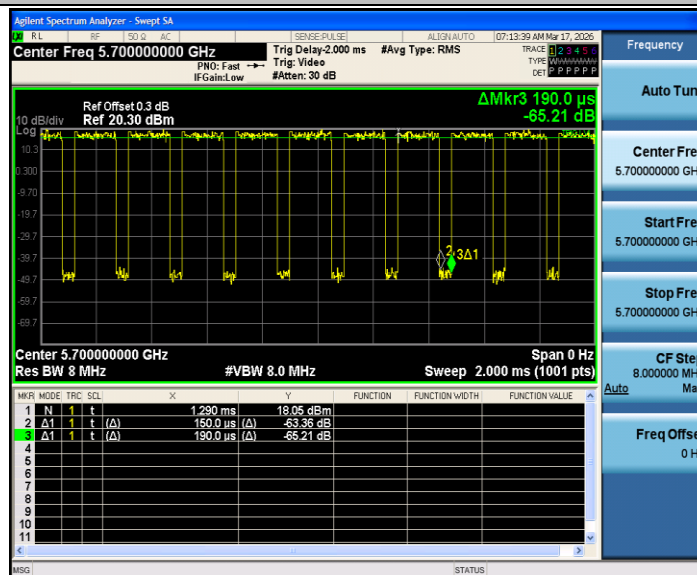
11A_Ant1_5500



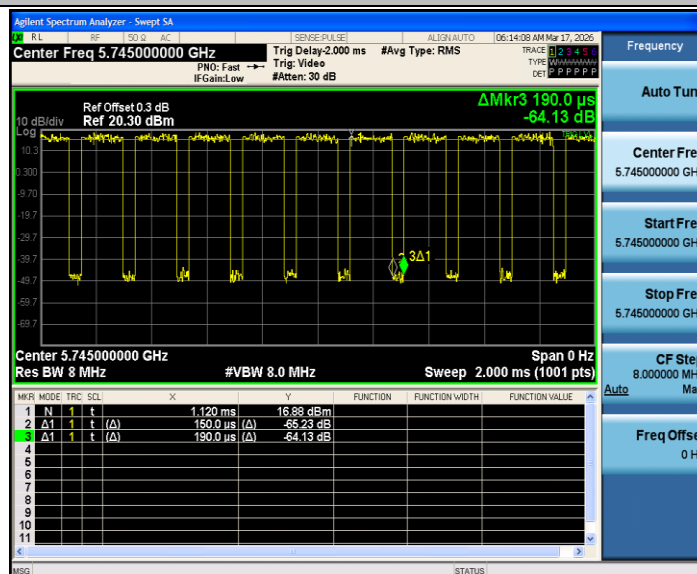
11A_Ant1_5580



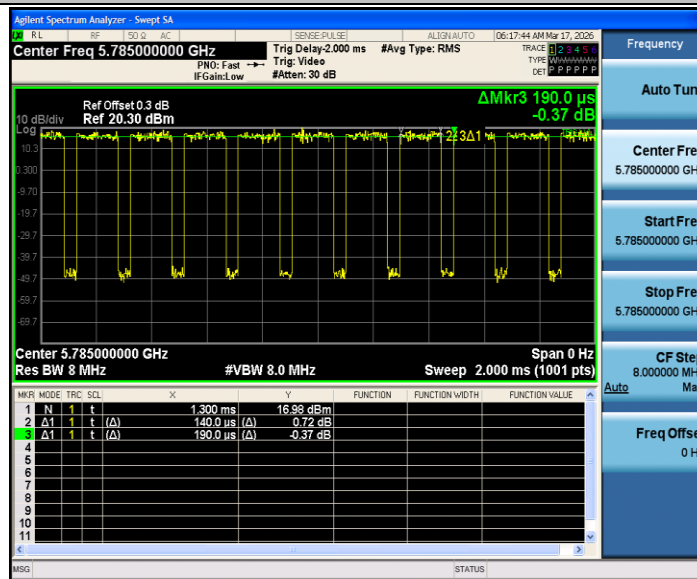
11A_Ant1_5700



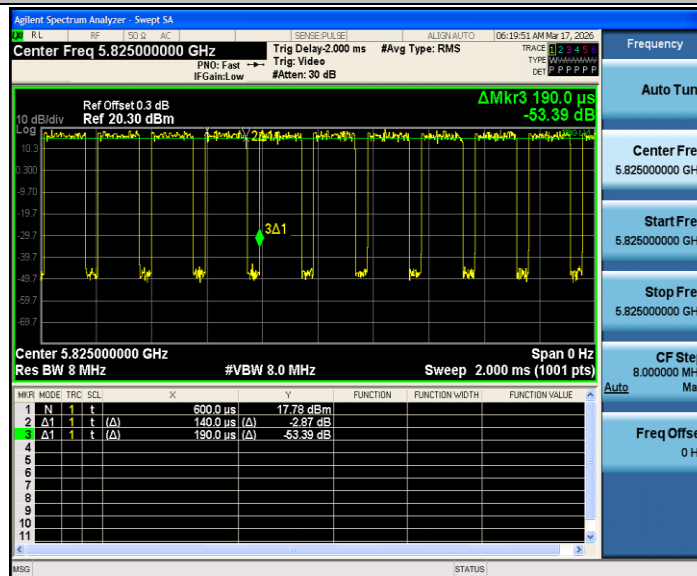
11A_Ant1_5745



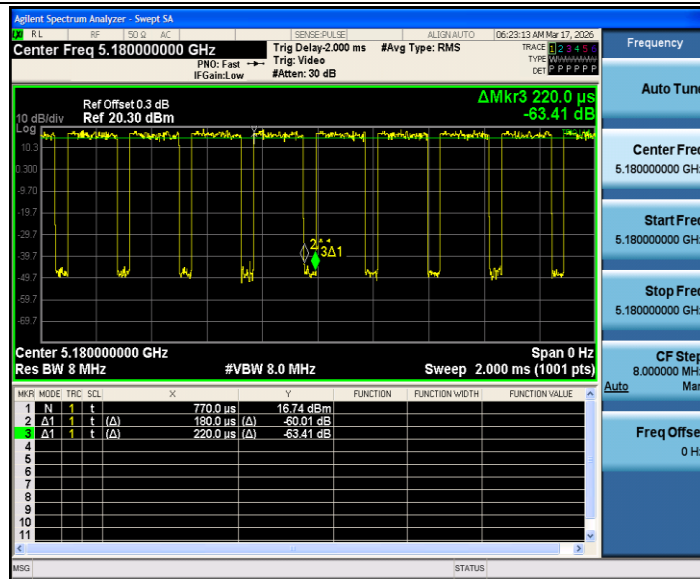
11A_Ant1_5785



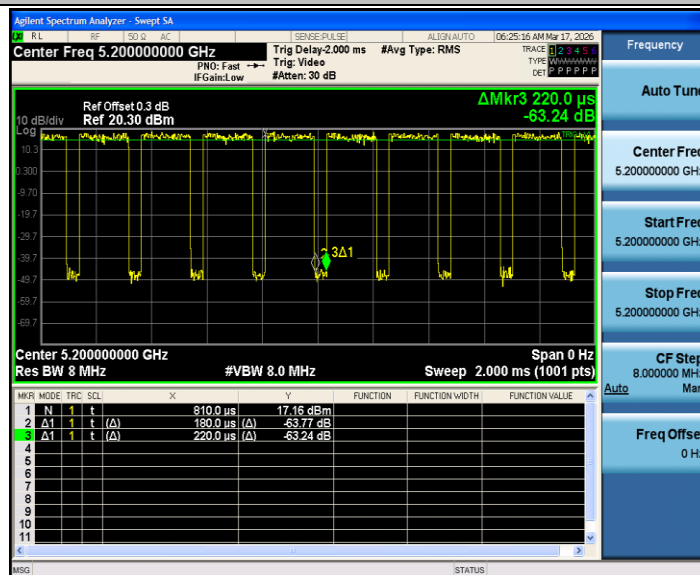
11A_Ant1_5825



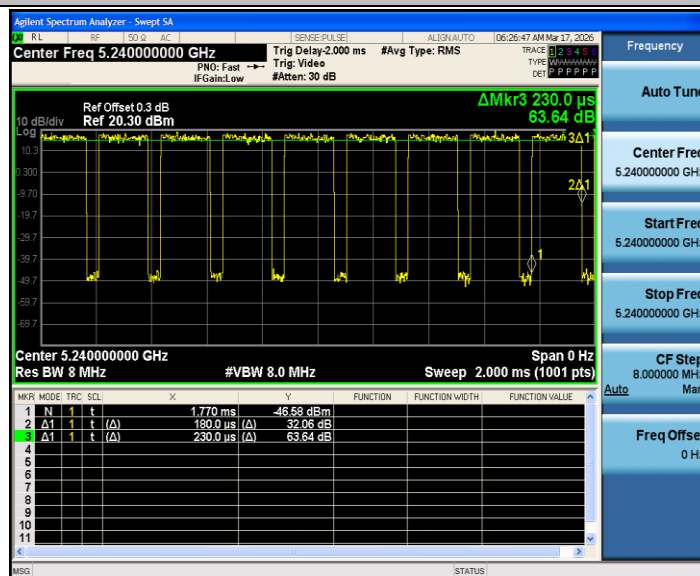
11N20SISO_Ant1_5180



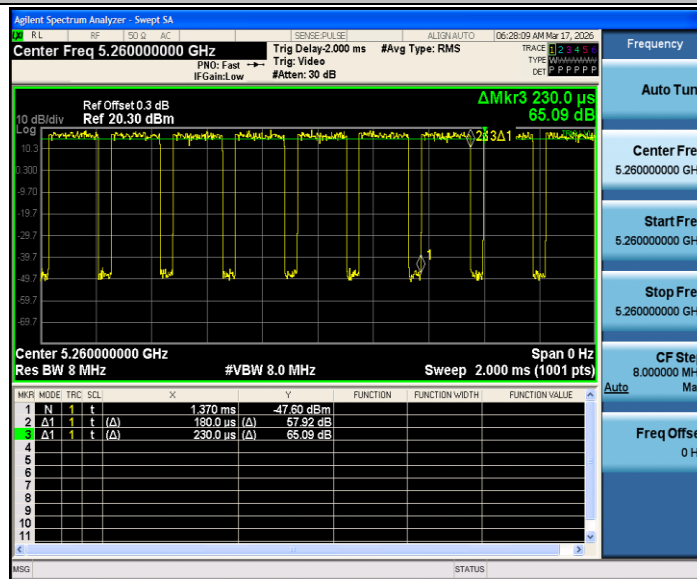
11N20SISO_Ant1_5200



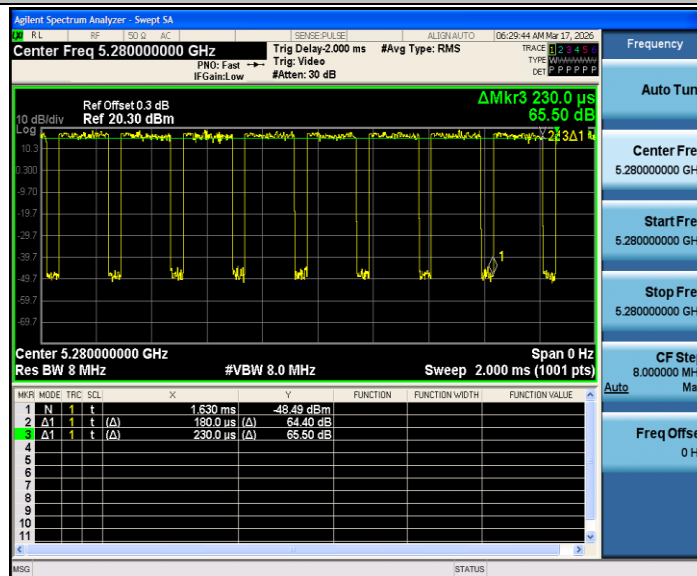
11N20SISO_Ant1_5240



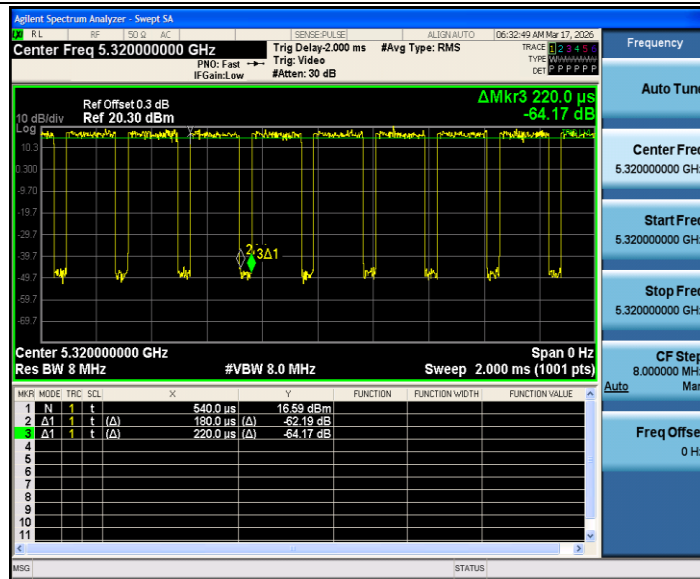
11N20SISO_Ant1_5260



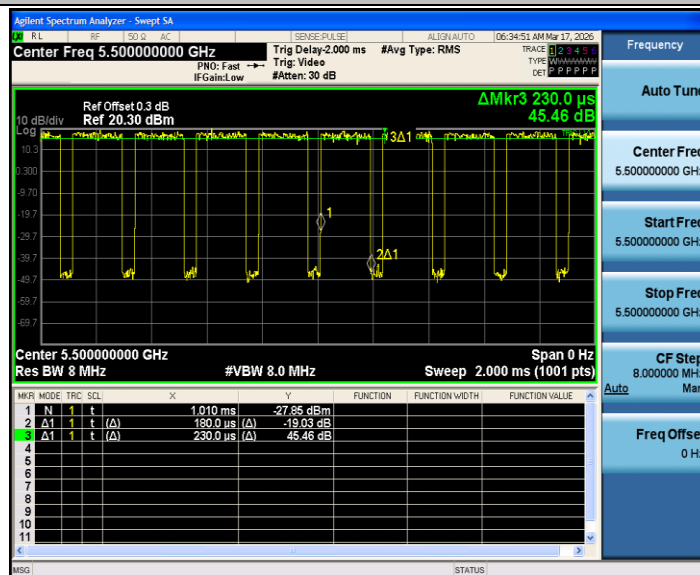
11N20SISO_Ant1_5280



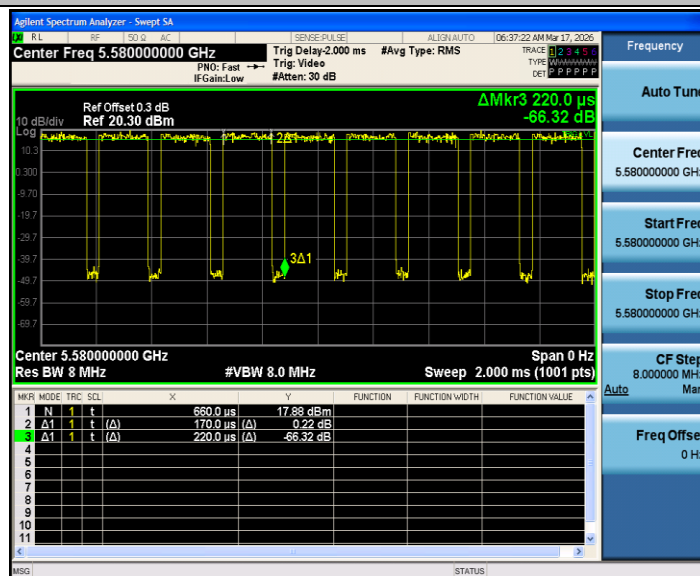
11N20SISO_Ant1_5320



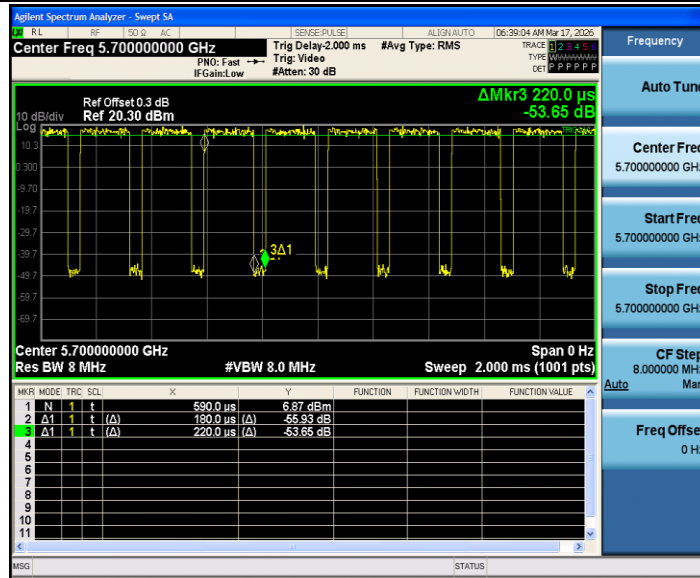
11N20SISO_Ant1_5500



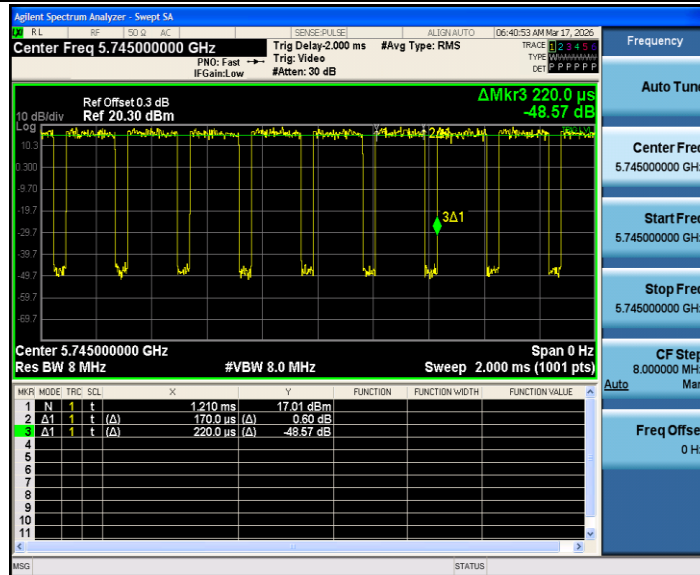
11N20SISO_Ant1_5580



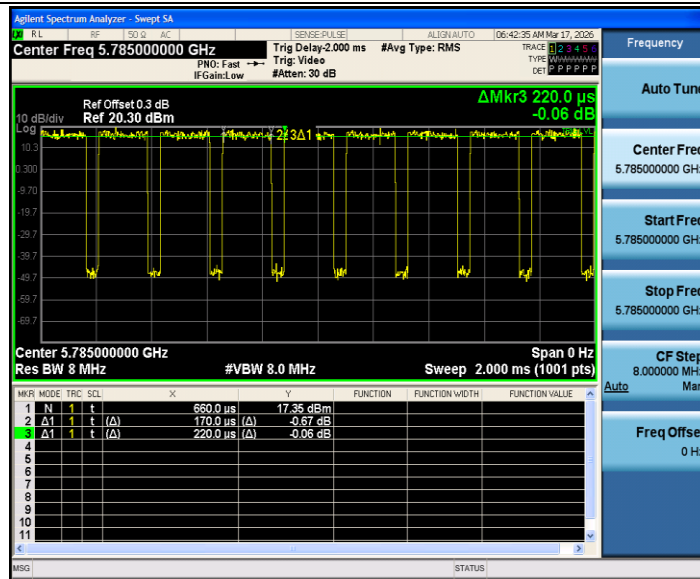
11N20SISO_Ant1_5700



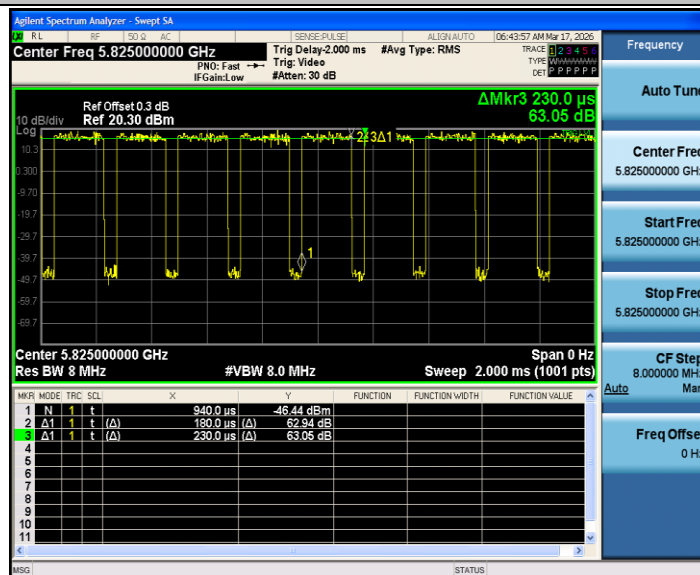
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



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	13.03	73.68	1.33	14.36	≤23.98	PASS
		5200	13.04	75.00	1.25	14.29	≤23.98	PASS
		5240	13.09	73.68	1.33	14.42	≤23.98	PASS
		5260	13.13	73.68	1.33	14.46	≤23.98	PASS
		5280	13.18	73.68	1.33	14.51	≤23.98	PASS
		5320	13.28	75.00	1.25	14.53	≤23.98	PASS
		5500	13.51	75.00	1.25	14.76	≤23.98	PASS
		5580	13.49	73.68	1.33	14.82	≤23.98	PASS
		5700	13.48	78.95	1.03	14.51	≤23.98	PASS
		5745	13.11	78.95	1.03	14.14	≤30.00	PASS
		5785	13.27	73.68	1.33	14.6	≤30.00	PASS
		5825	13.09	73.68	1.33	14.42	≤30.00	PASS
11N20SI SO	Ant1	5180	13.00	81.82	0.87	13.87	≤23.98	PASS
		5200	13.15	81.82	0.87	14.02	≤23.98	PASS
		5240	13.03	78.26	1.06	14.09	≤23.98	PASS
		5260	13.14	78.26	1.06	14.2	≤23.98	PASS
		5280	13.28	78.26	1.06	14.34	≤23.98	PASS
		5320	13.38	81.82	0.87	14.25	≤23.98	PASS
		5500	13.59	78.26	1.06	14.65	≤23.98	PASS
		5580	13.55	77.27	1.12	14.67	≤23.98	PASS
		5700	13.50	81.82	0.87	14.37	≤23.98	PASS
		5745	13.25	77.27	1.12	14.37	≤30.00	PASS
		5785	13.45	77.27	1.12	14.57	≤30.00	PASS
		5825	13.25	78.26	1.06	14.31	≤30.00	PASS

Appendix D: Maximum power spectral density

Test Result

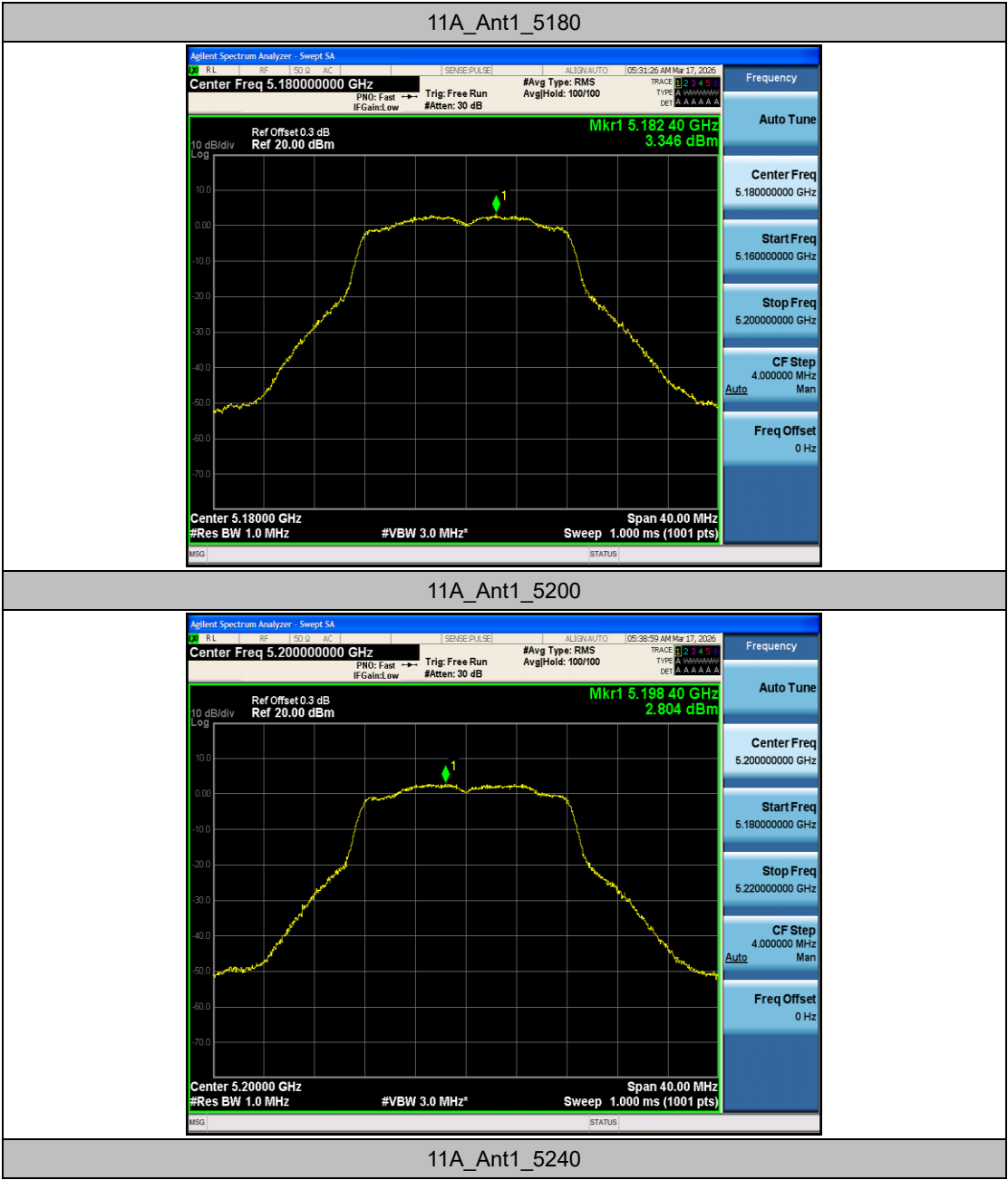
TestMode	Antenna	Freq(MHz)	RawData [dBm/MHz]	DC Factor [dBm]	RBW Factor [dBm]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	3.35	1.33	0.00	4.68	≤11.00	PASS
		5200	2.8	1.25	0.00	4.05	≤11.00	PASS
		5240	3.26	1.33	0.00	4.59	≤11.00	PASS
		5260	2.93	1.33	0.00	4.26	≤11.00	PASS
		5280	3.07	1.33	0.00	4.40	≤11.00	PASS
		5320	3.05	1.25	0.00	4.30	≤11.00	PASS
		5500	3.42	1.25	0.00	4.67	≤11.00	PASS
		5580	3.63	1.33	0.00	4.96	≤11.00	PASS
		5700	3.65	1.03	0.00	4.68	≤11.00	PASS
		5745	-2.2	1.03	2.22	1.05	≤30.00	PASS
		5785	-1.69	1.33	2.22	1.86	≤30.00	PASS
		5825	-1.69	1.33	2.22	1.86	≤30.00	PASS
11N20SISO	Ant1	5180	2.7	0.87	0.00	3.57	≤11.00	PASS
		5200	2.96	0.87	0.00	3.83	≤11.00	PASS
		5240	2.81	1.06	0.00	3.87	≤11.00	PASS
		5260	2.85	1.06	0.00	3.91	≤11.00	PASS
		5280	2.84	1.06	0.00	3.90	≤11.00	PASS
		5320	2.96	0.87	0.00	3.83	≤11.00	PASS
		5500	3.32	1.06	0.00	4.38	≤11.00	PASS
		5580	3.31	1.12	0.00	4.43	≤11.00	PASS
		5700	3.24	0.87	0.00	4.11	≤11.00	PASS
		5745	-2.16	1.12	2.22	1.18	≤30.00	PASS
		5785	-1.48	1.12	2.22	1.86	≤30.00	PASS
		5825	-2.21	1.06	2.22	1.07	≤30.00	PASS

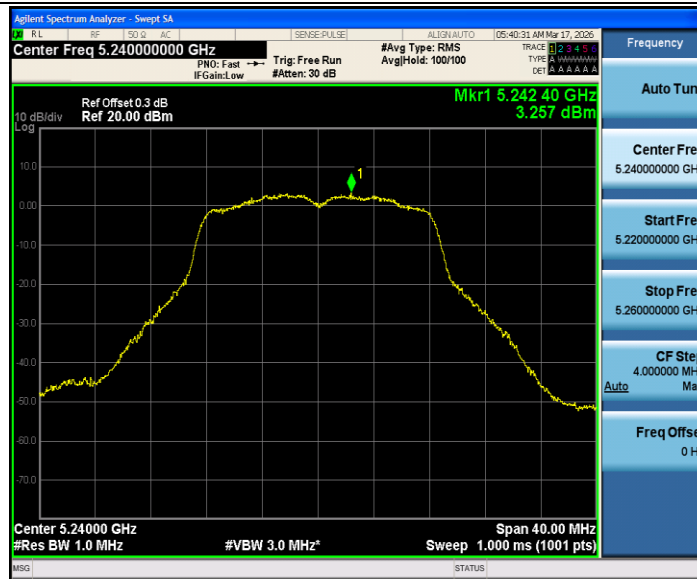
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

$P.S.D(dBm/500KHz) = P.S.D(dBm/300KHz) + 10 \log (500 \text{ kHz}/300KHz)$.

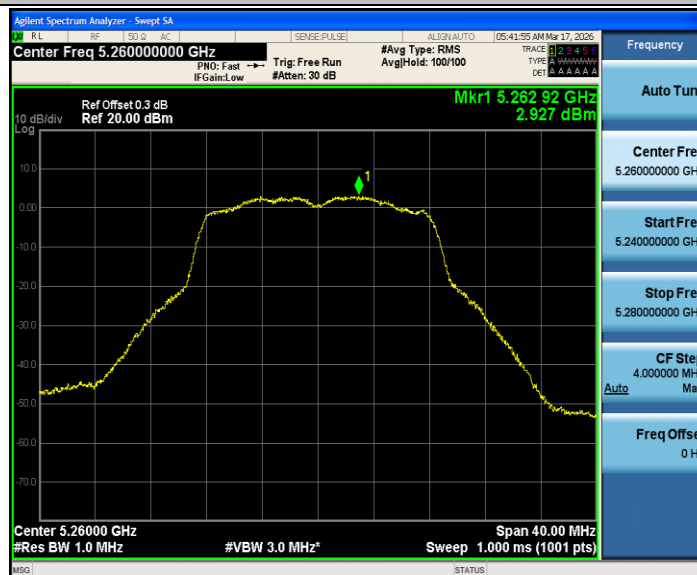
2. RBW factor= $10 \log (500 \text{ KHz} / 300 \text{ KHz}) = 2.22 \text{ dB}$ and The RBW Factor is compensated in the data graph.

Test Graphs

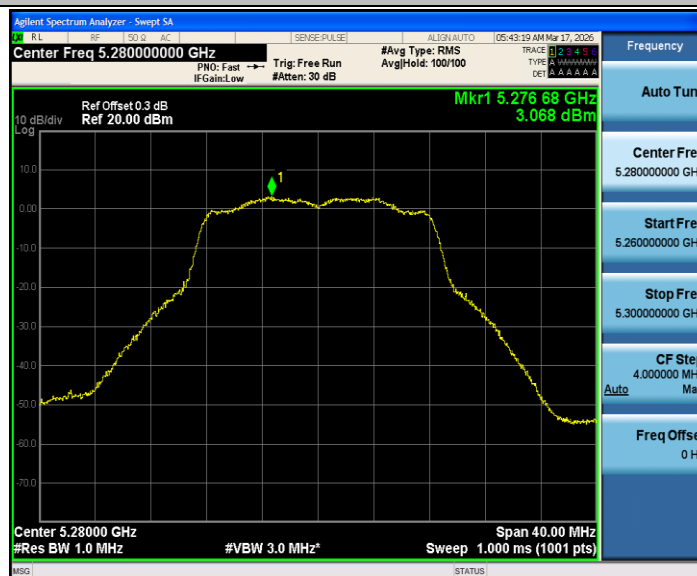




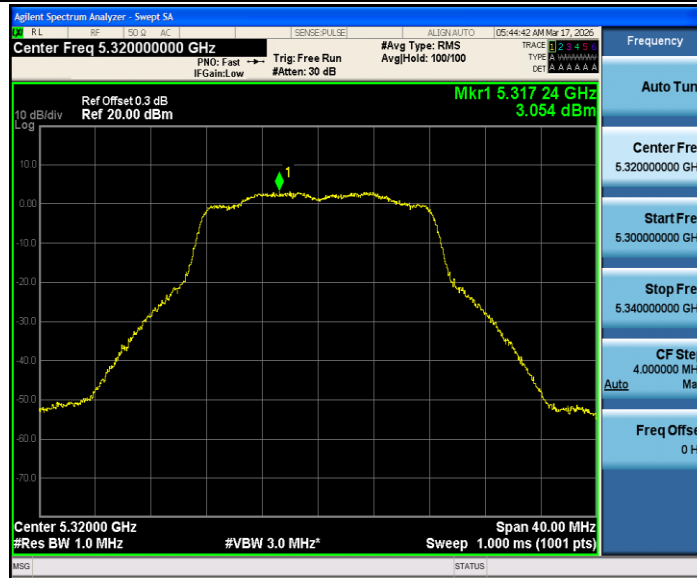
11A_Ant1_5260



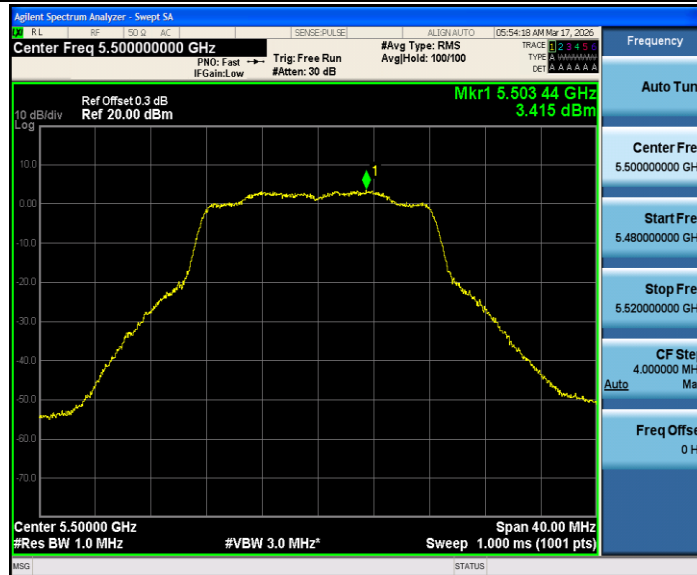
11A_Ant1_5280



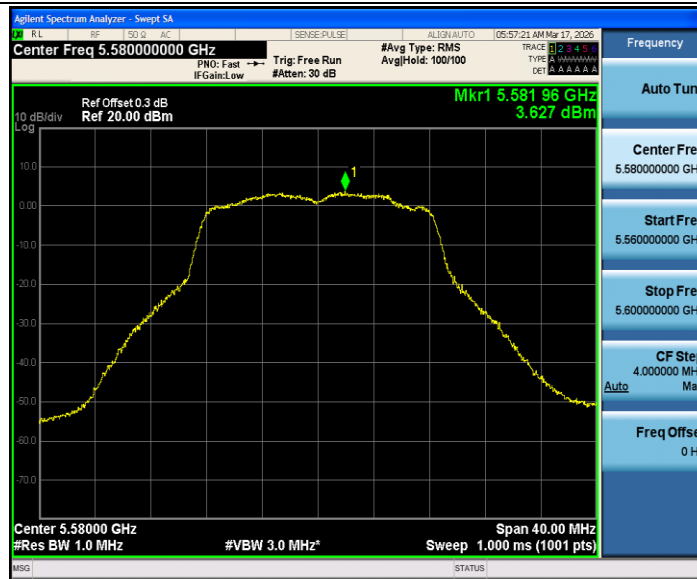
11A_Ant1_5320



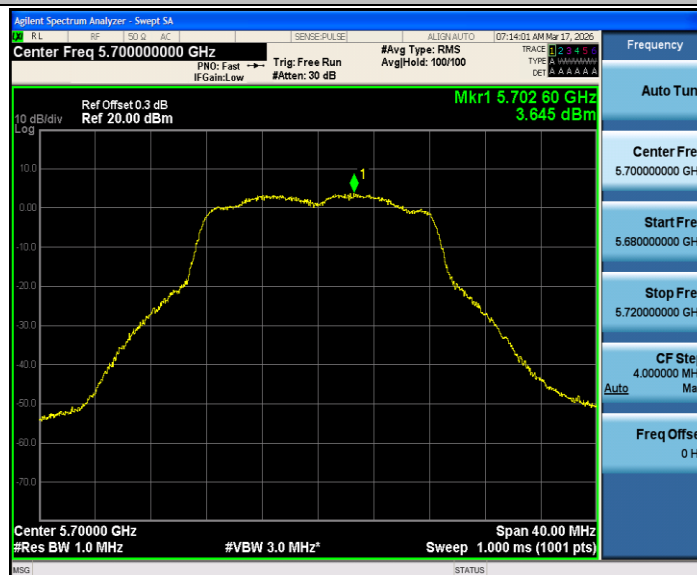
11A_Ant1_5500



11A_Ant1_5580



11A_Ant1_5700



11A_Ant1_5745

