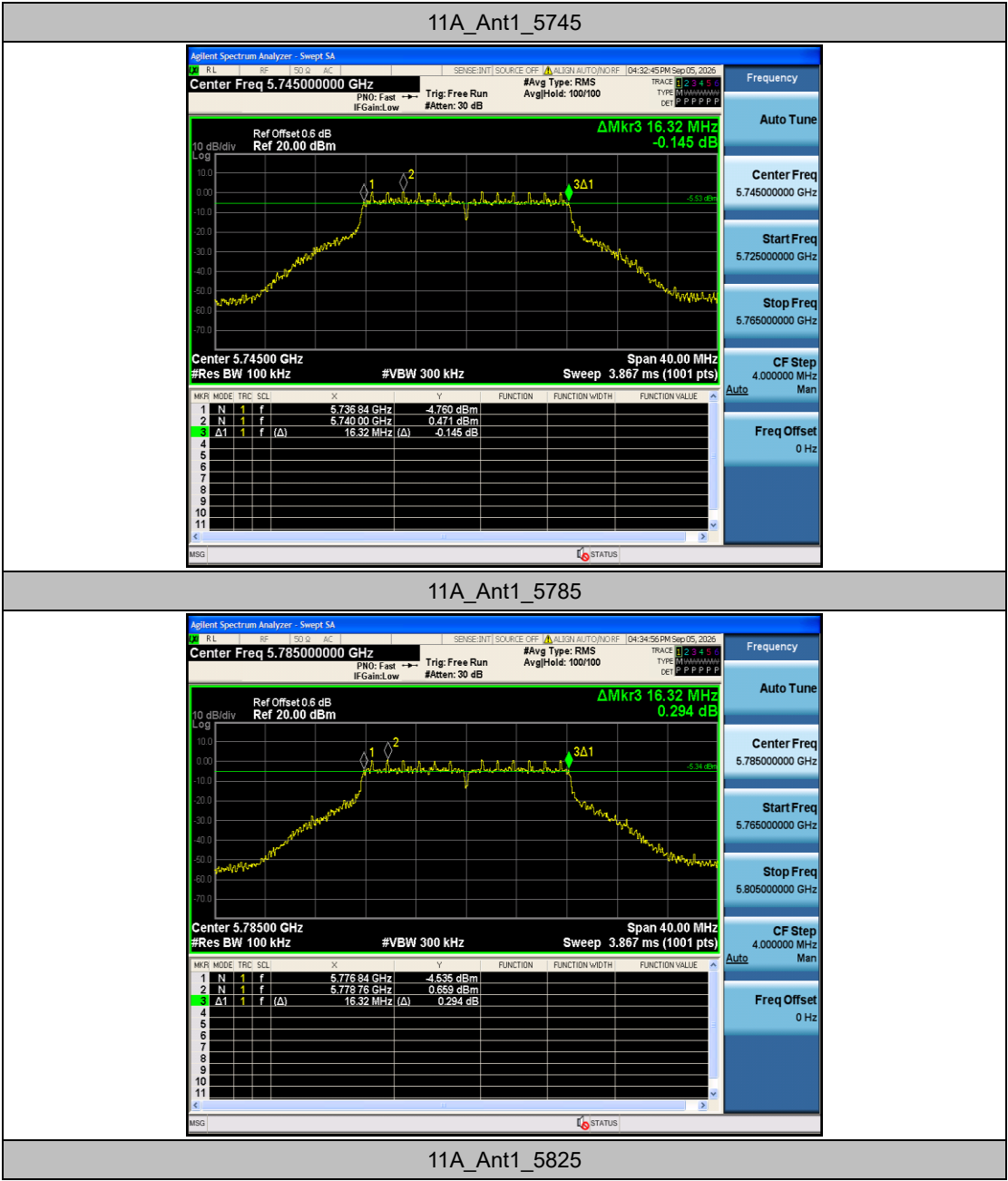


Test Graphs B4

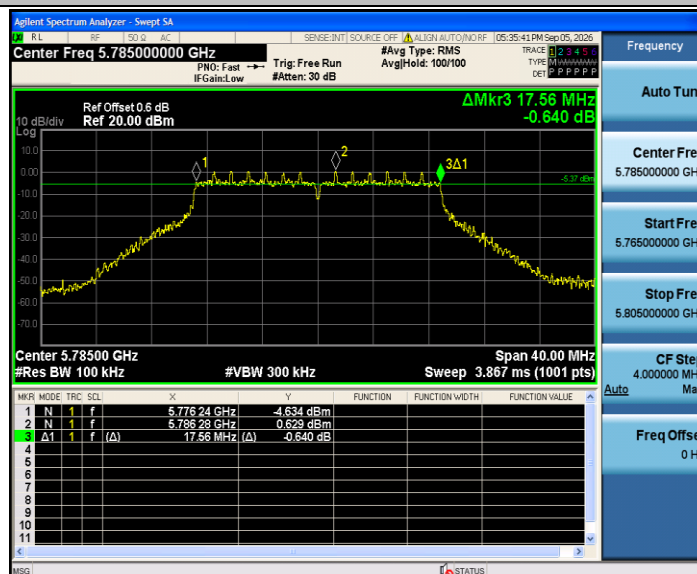




11N20SISO_Ant1_5745



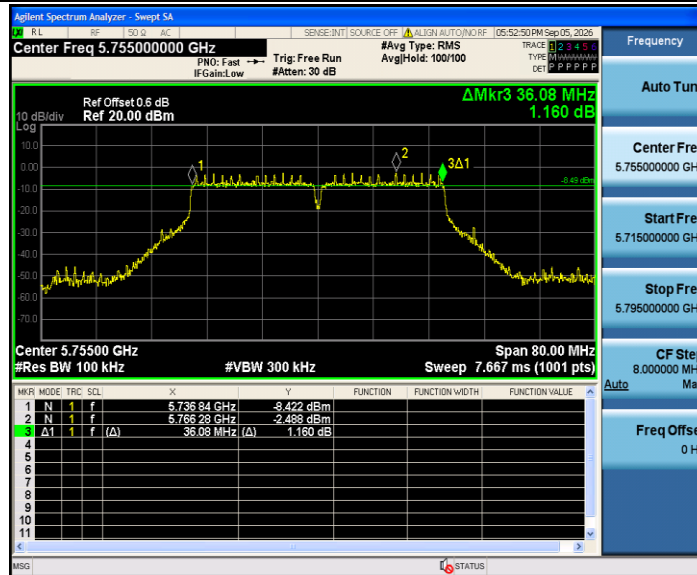
11N20SISO_Ant1_5785



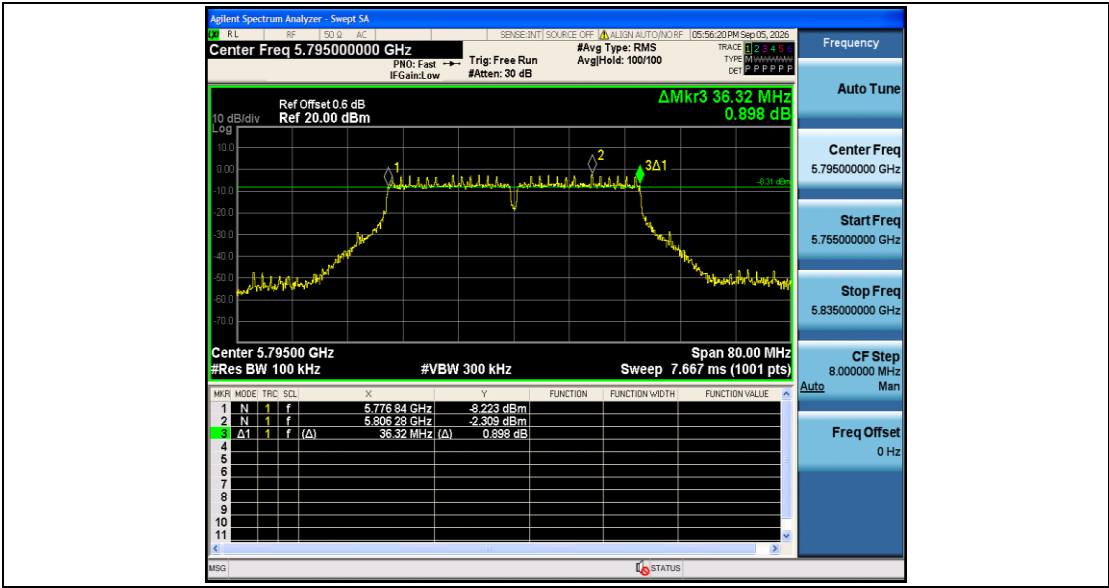
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_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	0.15	0.20	75.00	1.25	---	---
		5200	0.14	0.19	73.68	1.33	---	---
		5240	0.15	0.19	78.95	1.03	---	---
		5260	0.15	0.19	78.95	1.03	---	---
		5280	0.15	0.20	75.00	1.25	---	---
		5320	0.15	0.19	78.95	1.03	---	---
		5500	0.15	0.19	78.95	1.03	---	---
		5580	0.15	0.19	78.95	1.03	---	---
		5700	0.15	0.20	75.00	1.25	---	---
		5745	0.14	0.19	73.68	1.33	---	---
		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	---	---
		5200	0.18	0.23	78.26	1.06	---	---
		5240	0.18	0.22	81.82	0.87	---	---
		5260	0.18	0.23	78.26	1.06	---	---
		5280	0.18	0.23	78.26	1.06	---	---
		5320	0.18	0.23	78.26	1.06	---	---
		5500	0.18	0.23	78.26	1.06	---	---
		5580	0.18	0.23	78.26	1.06	---	---
		5700	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	0.18	0.23	78.26	1.06	---	---
11N40SISO	Ant1	5190	0.18	0.22	81.82	0.87	---	---
		5230	0.18	0.23	78.26	1.06	---	---
		5270	0.18	0.23	78.26	1.06	---	---
		5310	0.18	0.22	81.82	0.87	---	---
		5510	0.18	0.23	78.26	1.06	---	---
		5550	0.18	0.23	78.26	1.06	---	---
		5670	0.18	0.22	81.82	0.87	---	---
		5755	0.18	0.23	78.26	1.06	---	---
		5795	0.18	0.23	78.26	1.06	---	---

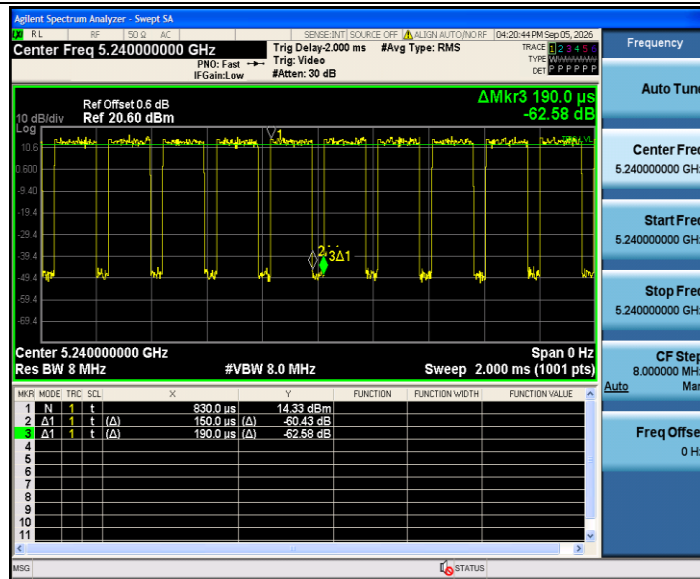
The figure consists of two screenshots of an Agilent Spectrum Analyzer interface, showing signal analysis for two different antennas.

Top Screenshot: 11A_Ant1_5180

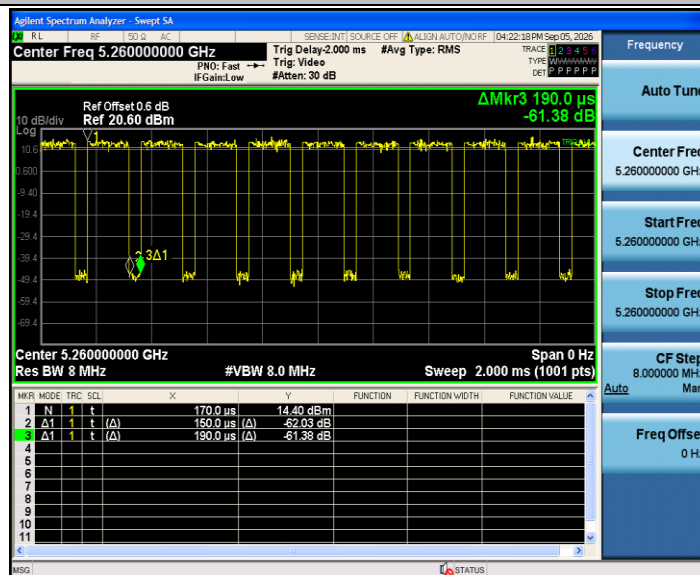
- Center Freq:** 5.180000000 GHz
- Ref Offset:** 0.6 dB
- Ref:** 20.60 dBm
- Trig Delay:** 2.000 ms
- Trig:** Video
- #Avg Type:** RMS
- Span:** 0 Hz
- Res BW:** 8 MHz
- #VBW:** 8.0 MHz
- Sweep:** 2.000 ms (1001 pts)
- Measurements:**
 - ΔMkr3: 200.0 μs
 - 61.97 dB
 - 2.3Δ1

Bottom Screenshot: 11A_Ant1_5200

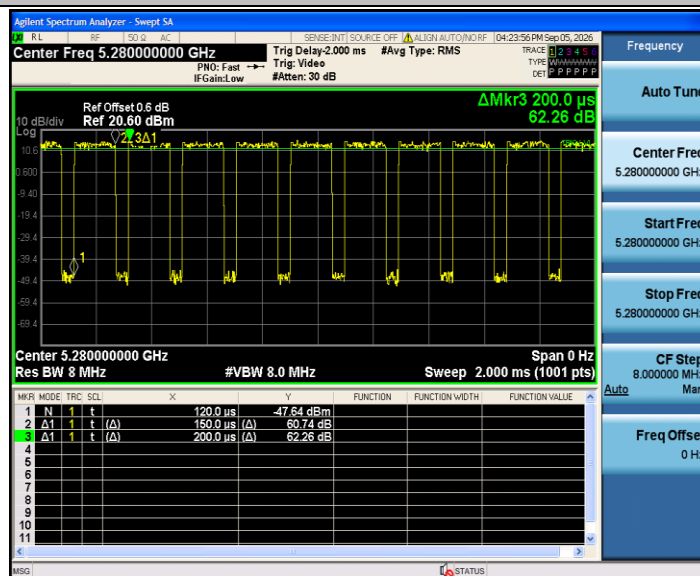
- Center Freq:** 5.200000000 GHz
- Ref Offset:** 0.6 dB
- Ref:** 20.60 dBm
- Trig Delay:** 2.000 ms
- Trig:** Video
- #Avg Type:** RMS
- Span:** 0 Hz
- Res BW:** 8 MHz
- #VBW:** 8.0 MHz
- Sweep:** 2.000 ms (1001 pts)
- Measurements:**
 - ΔMkr3: 190.0 μs
 - 0.29 dB
 - 2.3Δ1



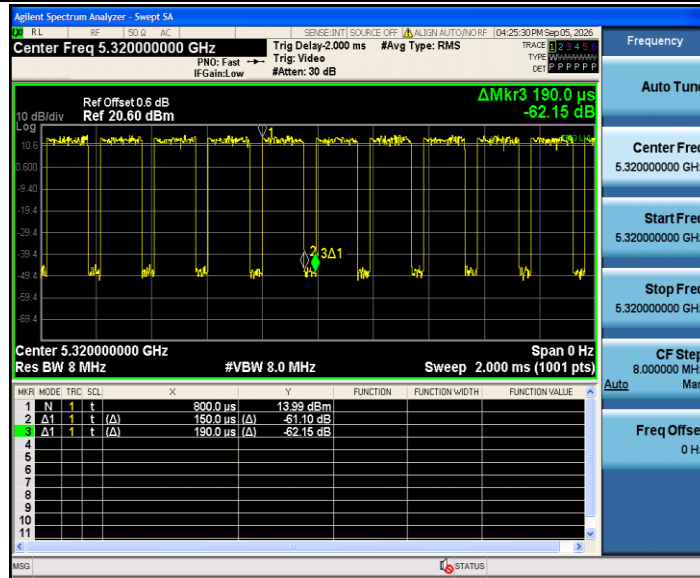
11A_Ant1_5260



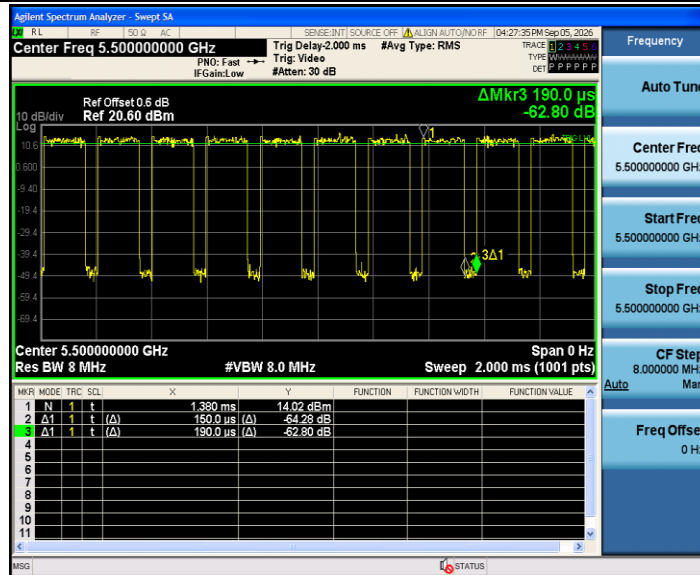
11A_Ant1_5280



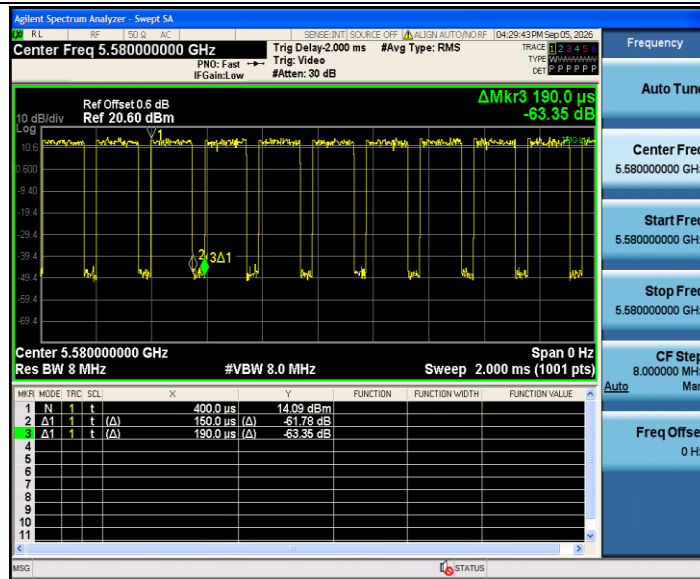
11A_Ant1_5320



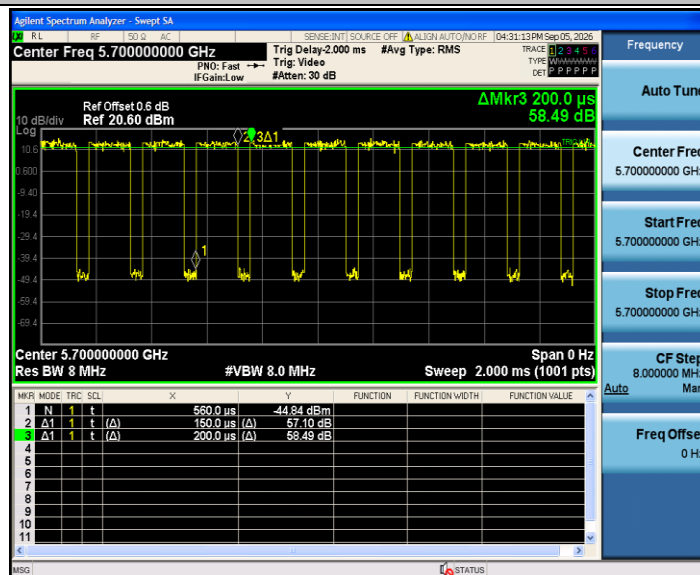
11A_Ant1_5500



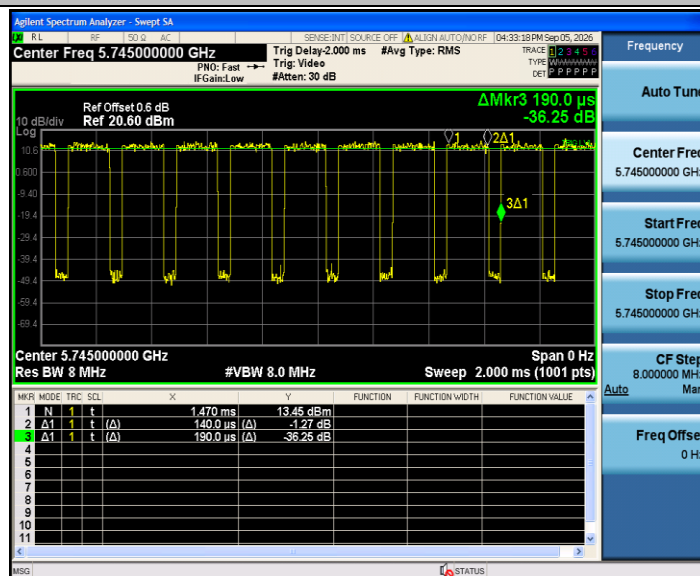
11A_Ant1_5580



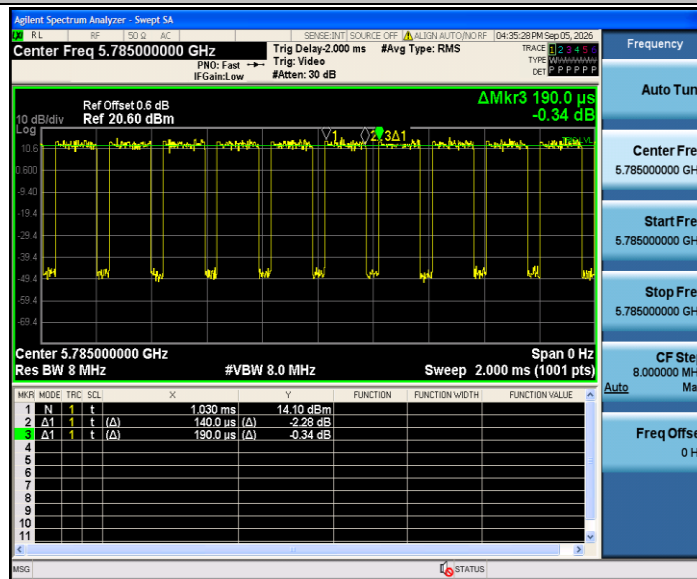
11A_Ant1_5700



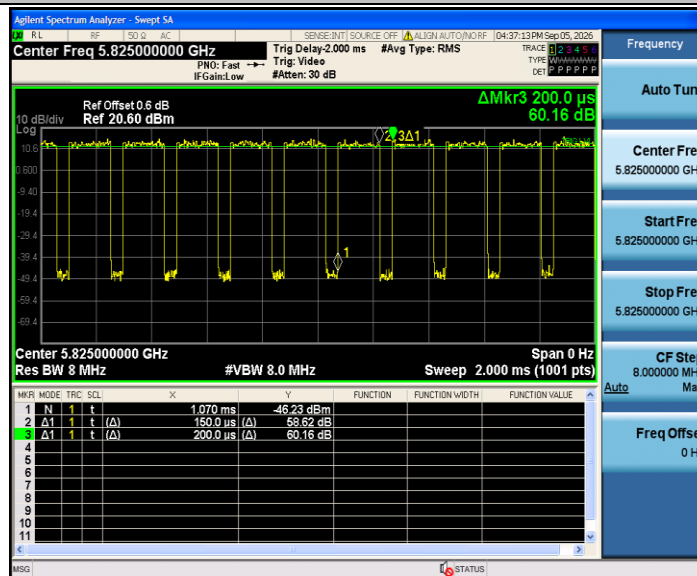
11A_Ant1_5745



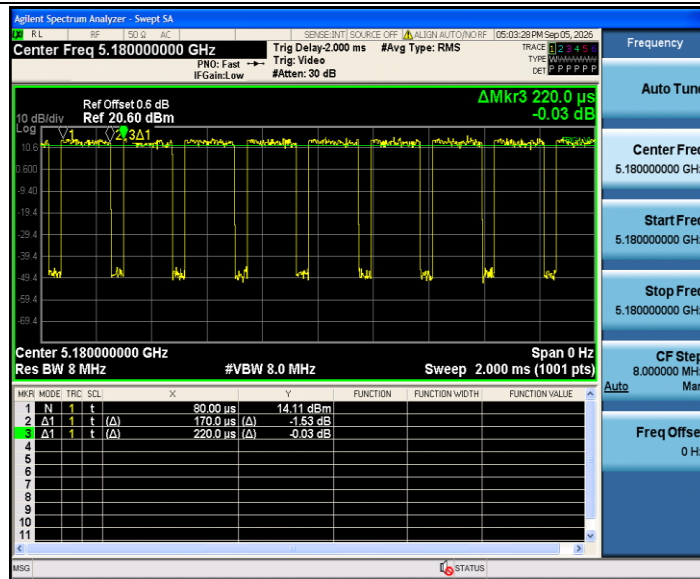
11A_Ant1_5785



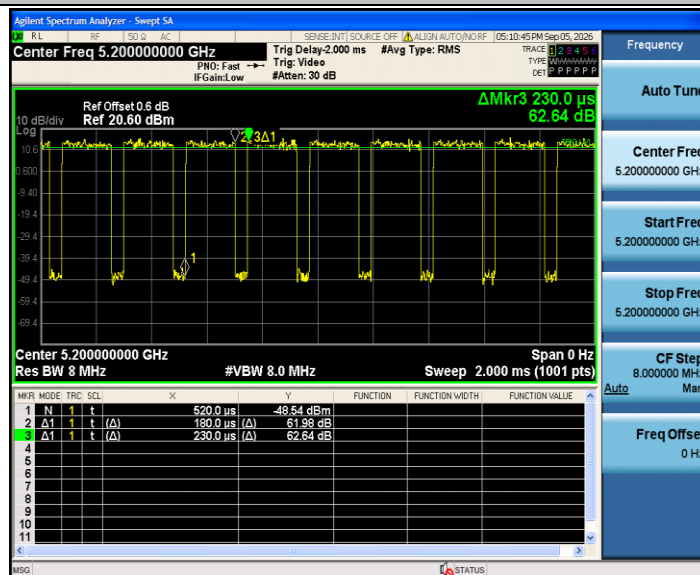
11A_Ant1_5825



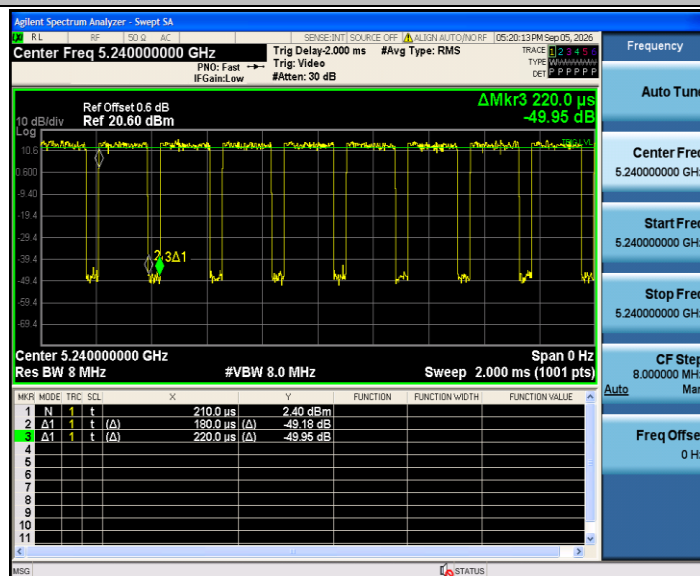
11N20SISO_Ant1_5180



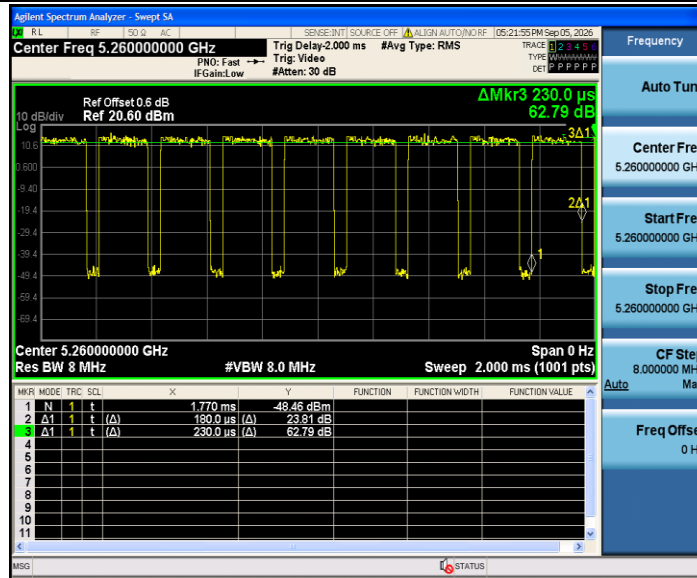
11N20SISO_Ant1_5200



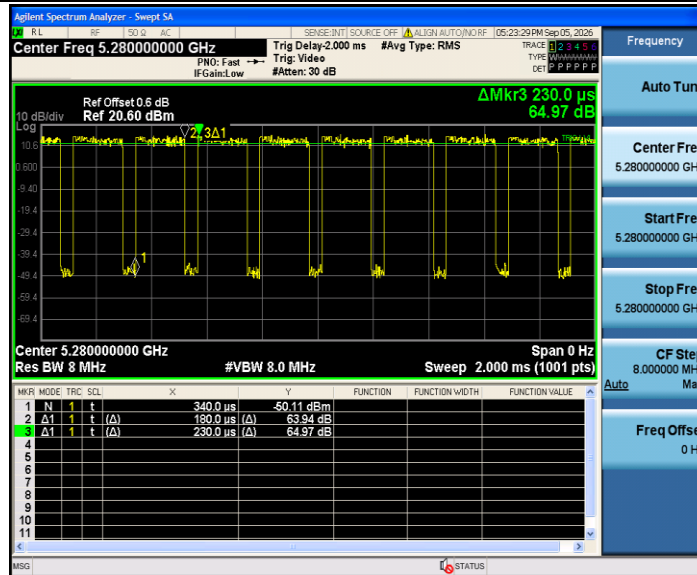
11N20SISO_Ant1_5240



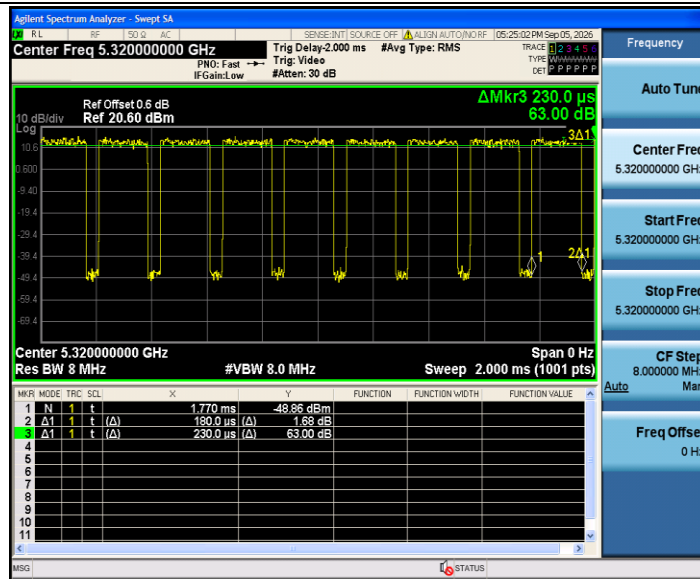
11N20SISO_Ant1_5260



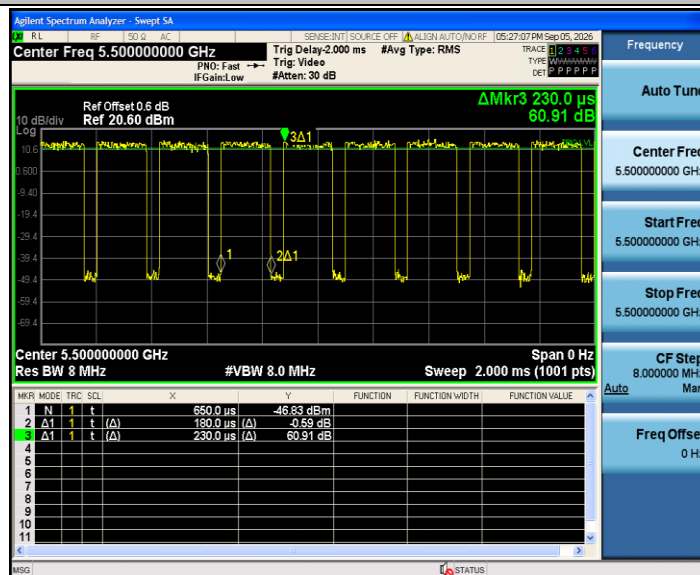
11N20SISO_Ant1_5280



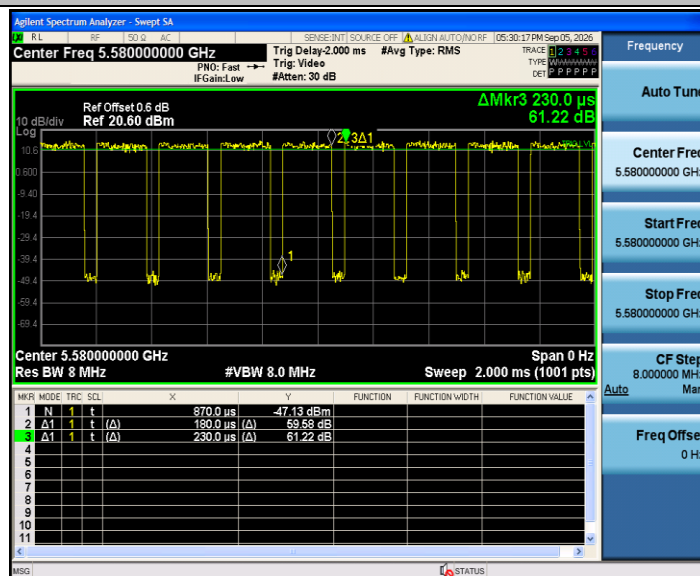
11N20SISO_Ant1_5320



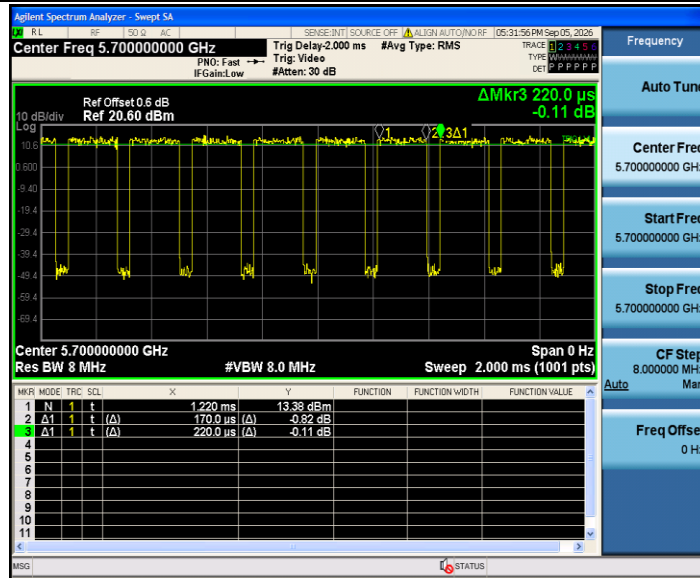
11N20SISO_Ant1_5500



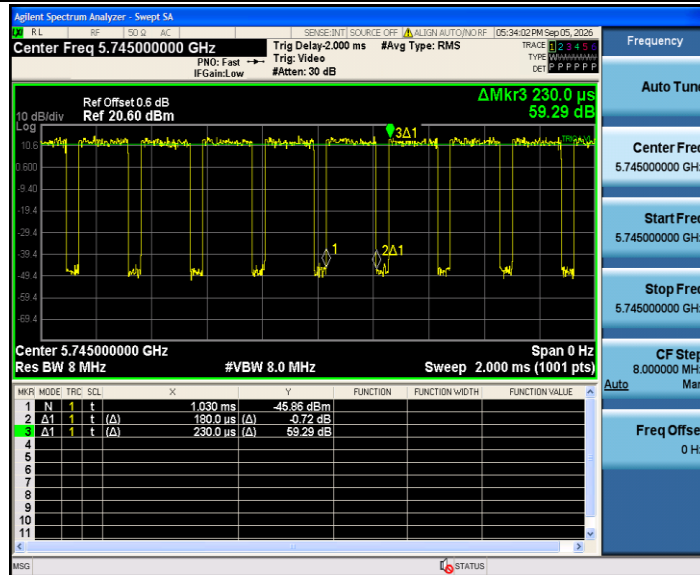
11N20SISO_Ant1_5580



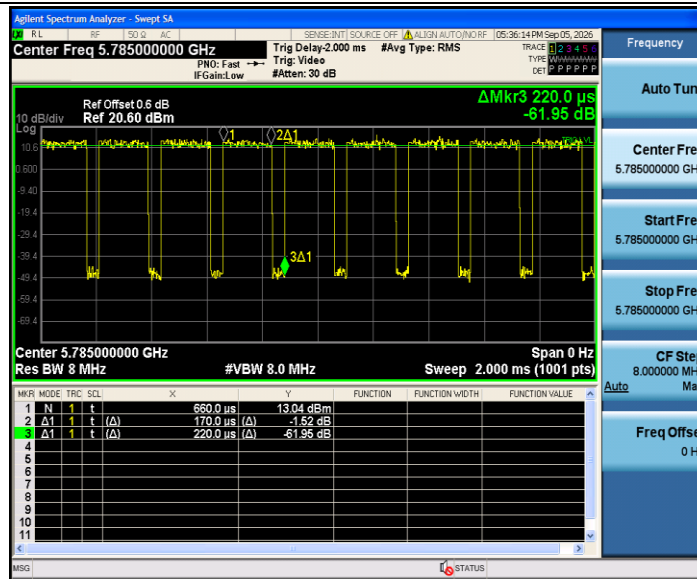
11N20SISO_Ant1_5700



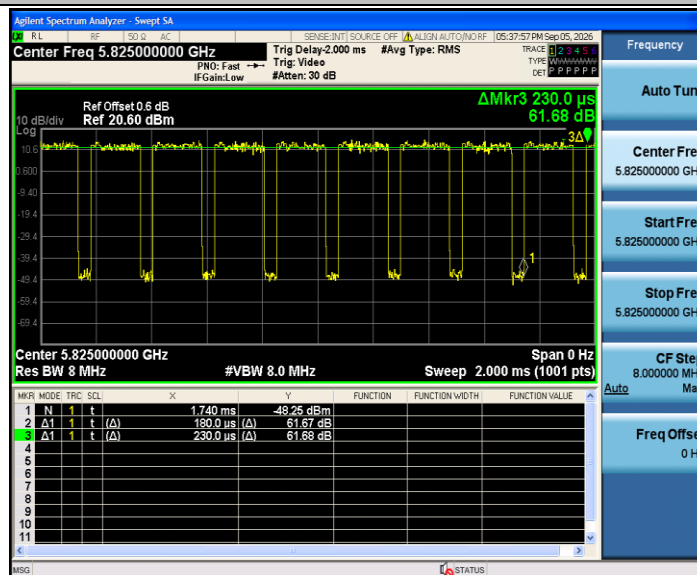
11N20SISO_Ant1_5745



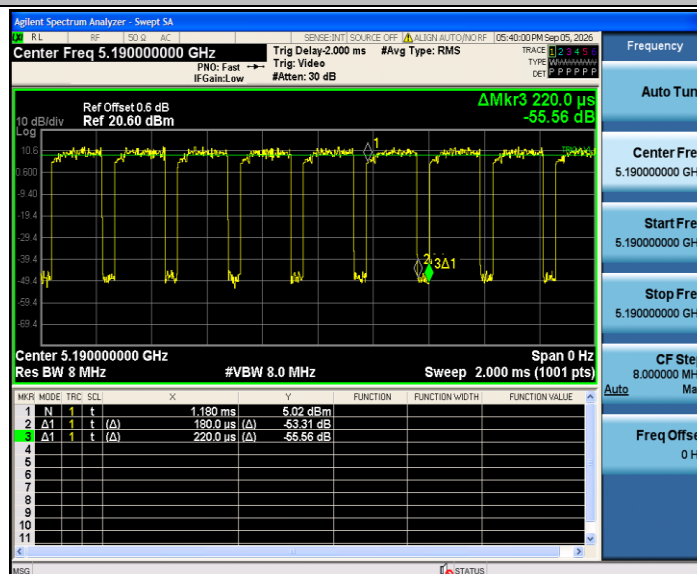
11N20SISO_Ant1_5785

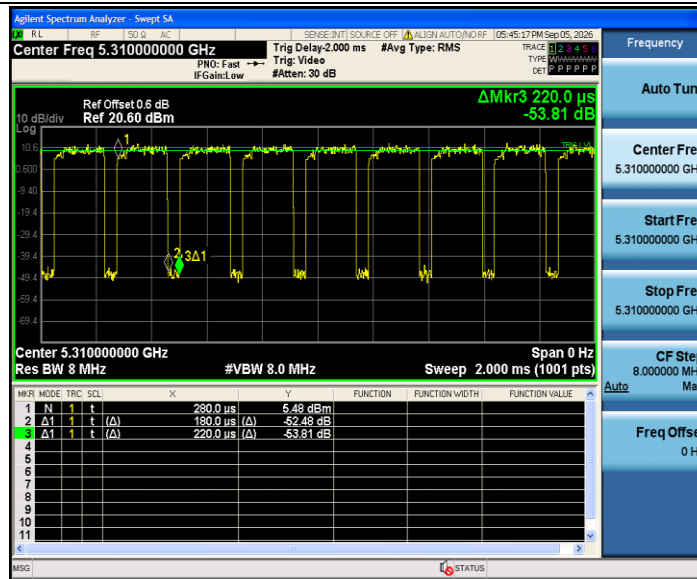


11N20SISO_Ant1_5825

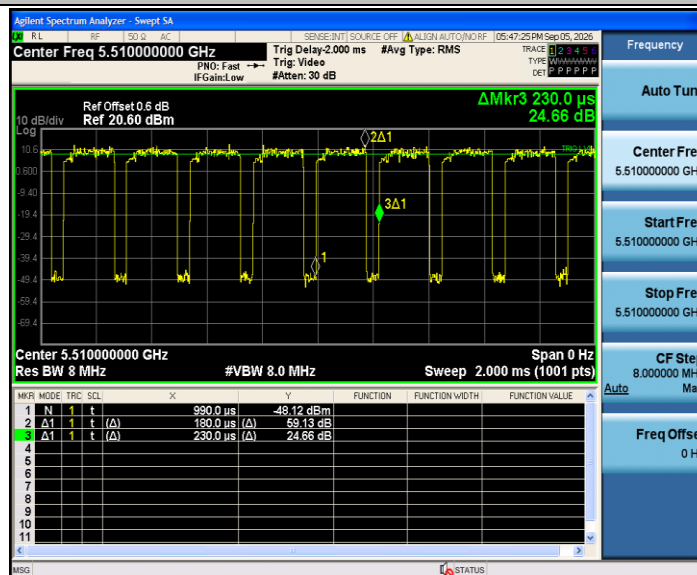


11N40SISO_Ant1_5190

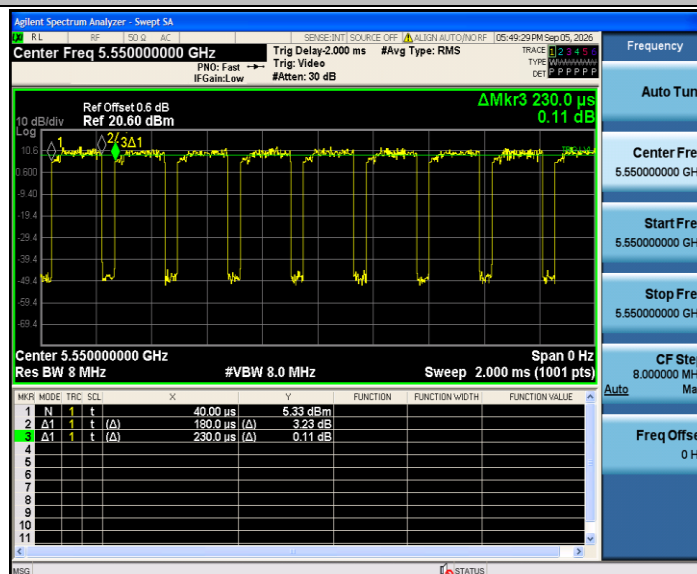




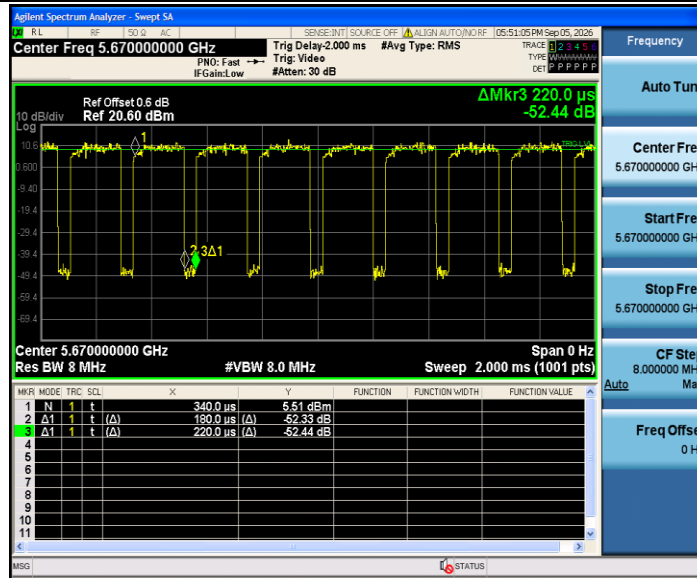
11N40SISO_Ant1_5510



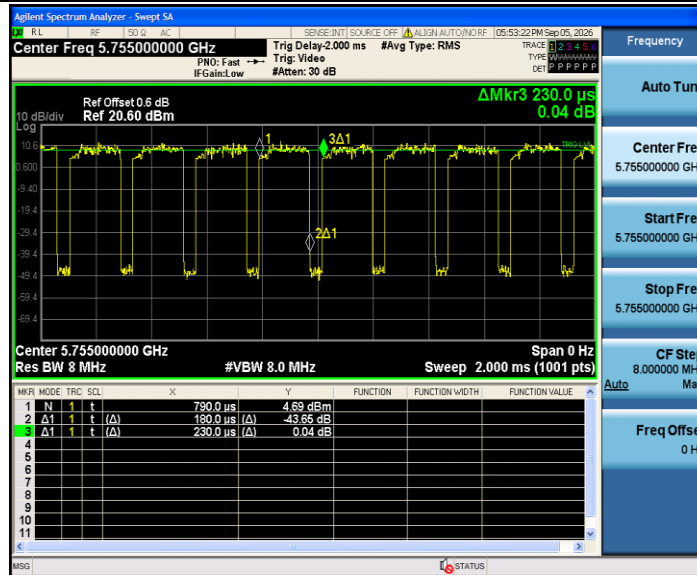
11N40SISO_Ant1_5550



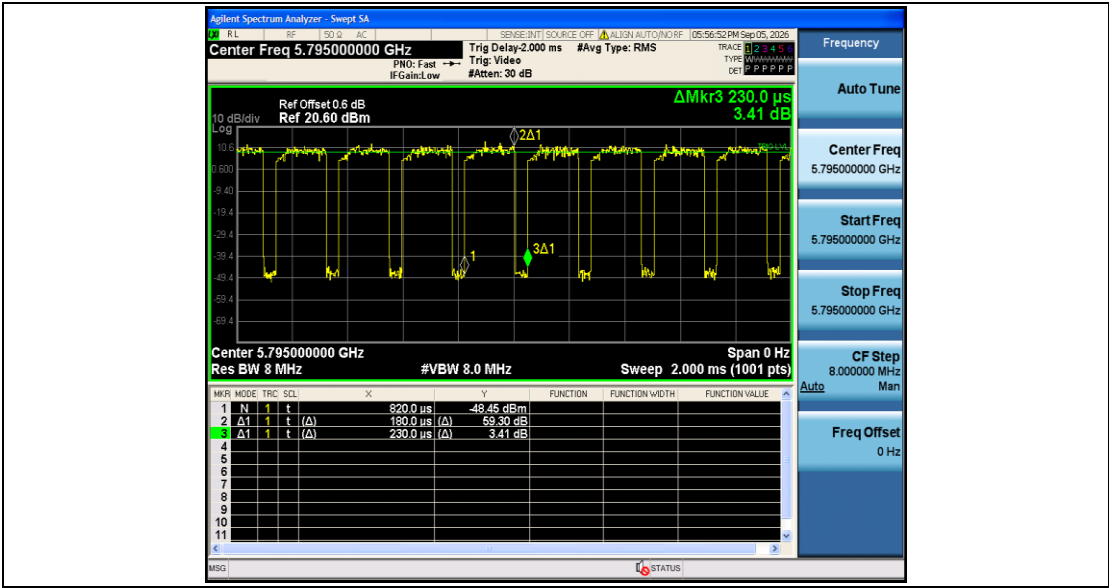
11N40SISO_Ant1_5670



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Freq(MHz)	Conducted I Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	10.09	75.00	1.25	11.34	≤23.98	PASS
		5200	10.16	73.68	1.33	11.49	≤23.98	PASS
		5240	9.96	78.95	1.03	10.99	≤23.98	PASS
		5260	9.92	78.95	1.03	10.95	≤23.98	PASS
		5280	9.95	75.00	1.25	11.2	≤23.98	PASS
		5320	9.98	78.95	1.03	11.01	≤23.98	PASS
		5500	9.78	78.95	1.03	10.81	≤23.98	PASS
		5580	9.82	78.95	1.03	10.85	≤23.98	PASS
		5700	9.84	75.00	1.25	11.09	≤23.98	PASS
		5745	9.98	73.68	1.33	11.31	≤30.00	PASS
		5785	10.24	73.68	1.33	11.57	≤30.00	PASS
		5825	9.99	75.00	1.25	11.24	≤30.00	PASS
11N20SISO	Ant1	5180	10.03	77.27	1.12	11.15	≤23.98	PASS
		5200	10.04	78.26	1.06	11.1	≤23.98	PASS
		5240	10.09	81.82	0.87	10.96	≤23.98	PASS
		5260	10.18	78.26	1.06	11.24	≤23.98	PASS
		5280	10.08	78.26	1.06	11.14	≤23.98	PASS
		5320	10.06	78.26	1.06	11.12	≤23.98	PASS
		5500	9.78	78.26	1.06	10.84	≤23.98	PASS
		5580	9.82	78.26	1.06	10.88	≤23.98	PASS
		5700	9.8	77.27	1.12	10.92	≤23.98	PASS
		5745	10.04	78.26	1.06	11.1	≤30.00	PASS
		5785	10.29	77.27	1.12	11.41	≤30.00	PASS
		5825	10.11	78.26	1.06	11.17	≤30.00	PASS
11N40SISO	Ant1	5190	10.02	81.82	0.87	10.89	≤23.98	PASS
		5230	10.24	78.26	1.06	11.3	≤23.98	PASS
		5270	10.02	78.26	1.06	11.08	≤23.98	PASS
		5310	10.14	81.82	0.87	11.01	≤23.98	PASS
		5510	9.86	78.26	1.06	10.92	≤23.98	PASS
		5550	9.96	78.26	1.06	11.02	≤23.98	PASS
		5670	10.07	81.82	0.87	10.94	≤23.98	PASS
		5755	10.14	78.26	1.06	11.2	≤30.00	PASS
		5795	10.34	78.26	1.06	11.4	≤30.00	PASS

Appendix D: Maximum power spectral density

Test Result

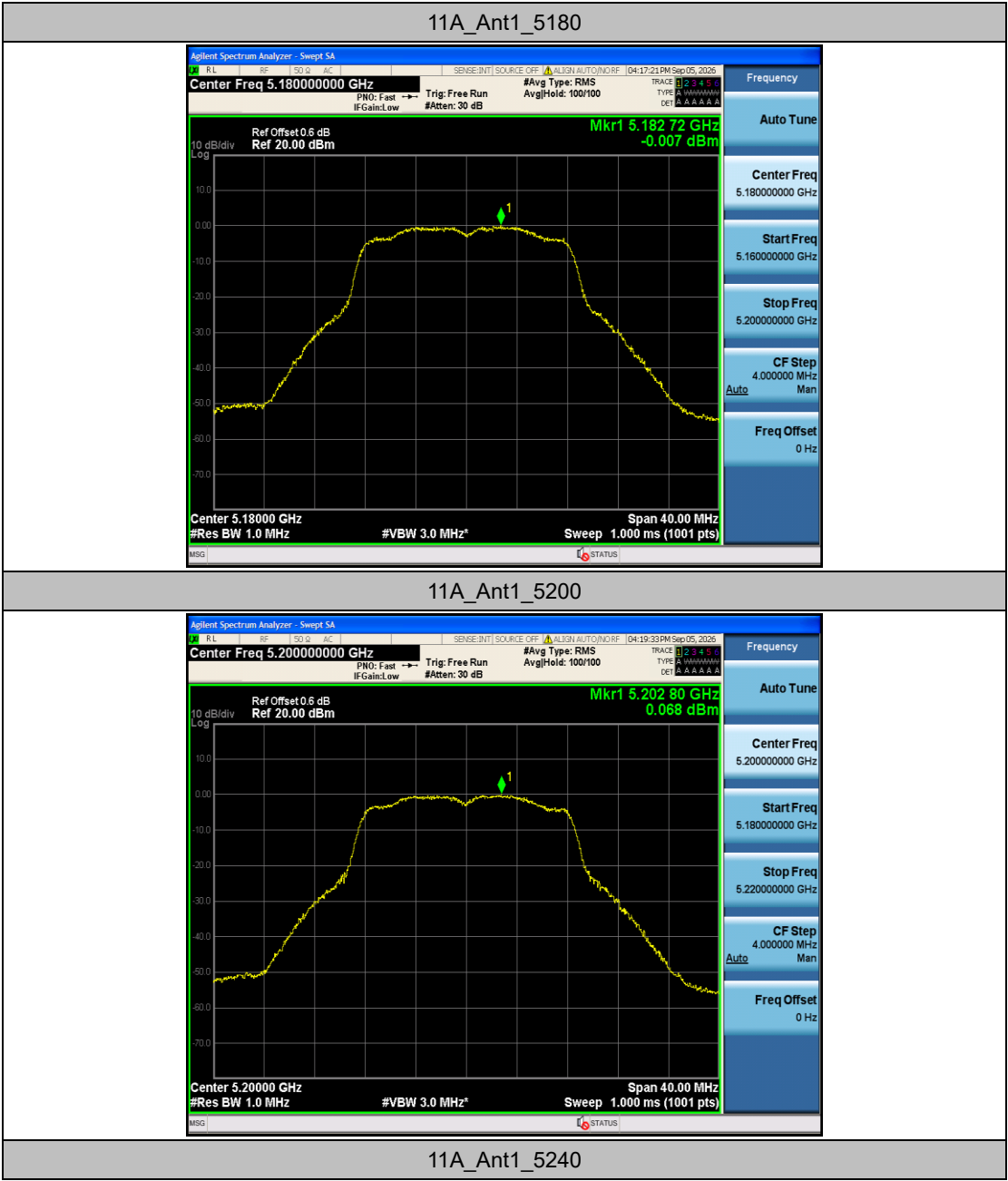
TestMode	Antenna	Freq(MHz)	RawData [dBm/MHz]	DC Factor [dBm]	RBW Factor [dBm]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	-0.01	1.25	0.00	1.24	≤11.00	PASS
		5200	0.07	1.33	0.00	1.40	≤11.00	PASS
		5240	-0.23	1.03	0.00	0.80	≤11.00	PASS
		5260	-0.13	1.03	0.00	0.90	≤11.00	PASS
		5280	-0.05	1.25	0.00	1.20	≤11.00	PASS
		5320	-0.21	1.03	0.00	0.82	≤11.00	PASS
		5500	-0.34	1.03	0.00	0.69	≤11.00	PASS
		5580	0.03	1.03	0.00	1.06	≤11.00	PASS
		5700	0.17	1.25	0.00	1.42	≤11.00	PASS
		5745	-5.56	1.33	2.22	-2.01	≤30.00	PASS
		5785	-5.53	1.33	2.22	-1.98	≤30.00	PASS
		5825	-5.6	1.25	2.22	-2.13	≤30.00	PASS
11N20SISO	Ant1	5180	-0.36	1.12	0.00	0.76	≤11.00	PASS
		5200	-0.27	1.06	0.00	0.79	≤11.00	PASS
		5240	-0.36	0.87	0.00	0.51	≤11.00	PASS
		5260	0.07	1.06	0.00	1.13	≤11.00	PASS
		5280	-0.08	1.06	0.00	0.98	≤11.00	PASS
		5320	-0.27	1.06	0.00	0.79	≤11.00	PASS
		5500	-0.3	1.06	0.00	0.76	≤11.00	PASS
		5580	-0.54	1.06	0.00	0.52	≤11.00	PASS
		5700	-0.46	1.12	0.00	0.66	≤11.00	PASS
		5745	-5.7	1.06	2.22	-2.42	≤30.00	PASS
		5785	-5.03	1.12	2.22	-1.69	≤30.00	PASS
		5825	-5.29	1.06	2.22	-2.01	≤30.00	PASS
11N40SISO	Ant1	5190	-3.52	0.87	0.00	-2.65	≤11.00	PASS
		5230	-3.58	1.06	0.00	-2.52	≤11.00	PASS
		5270	-3.33	1.06	0.00	-2.27	≤11.00	PASS
		5310	-3.65	0.87	0.00	-2.78	≤11.00	PASS
		5510	-3.82	1.06	0.00	-2.76	≤11.00	PASS
		5550	-3.71	1.06	0.00	-2.65	≤11.00	PASS
		5670	-3.42	0.87	0.00	-2.55	≤11.00	PASS
		5755	-8.56	1.06	2.22	-5.28	≤30.00	PASS
		5795	-8.79	1.06	2.22	-5.51	≤30.00	PASS

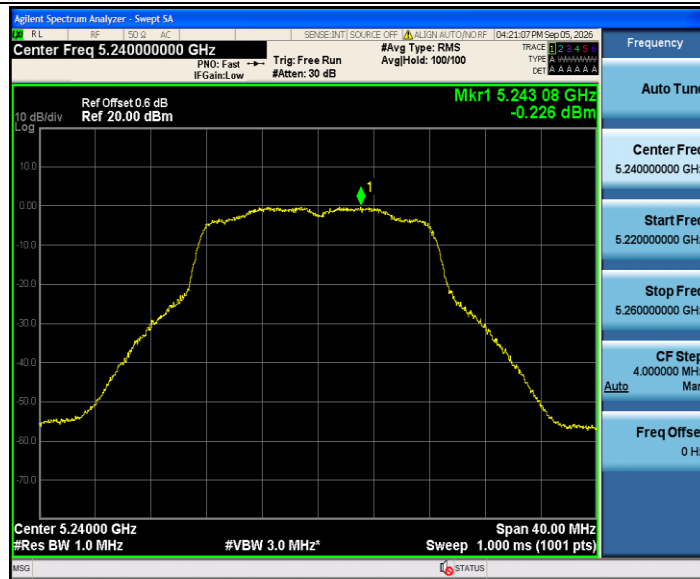
Note:1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

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

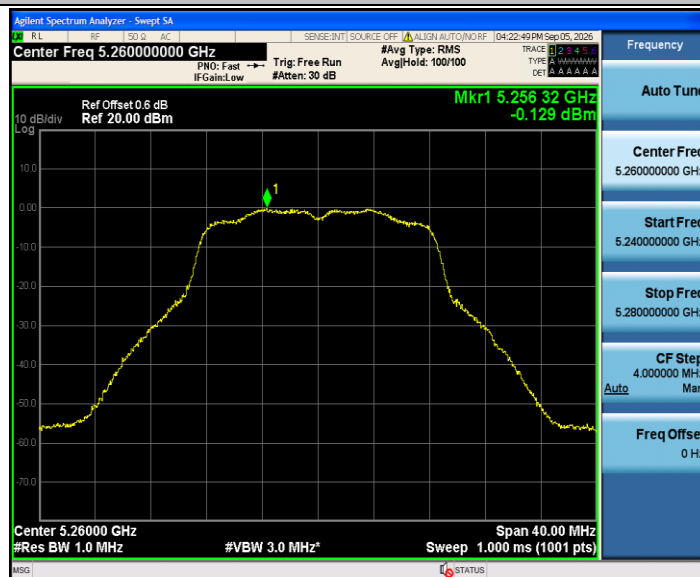
2. RBW factor= 10 log (500 KHz /300 KHz) = 2.22 dB

Test Graphs

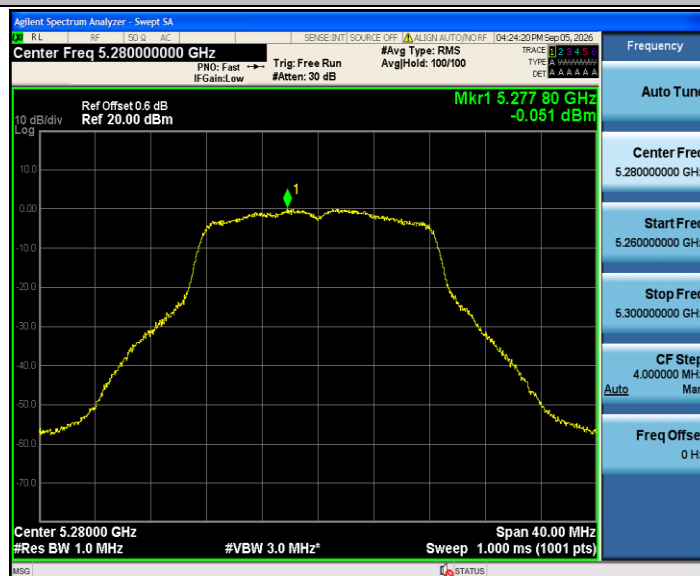




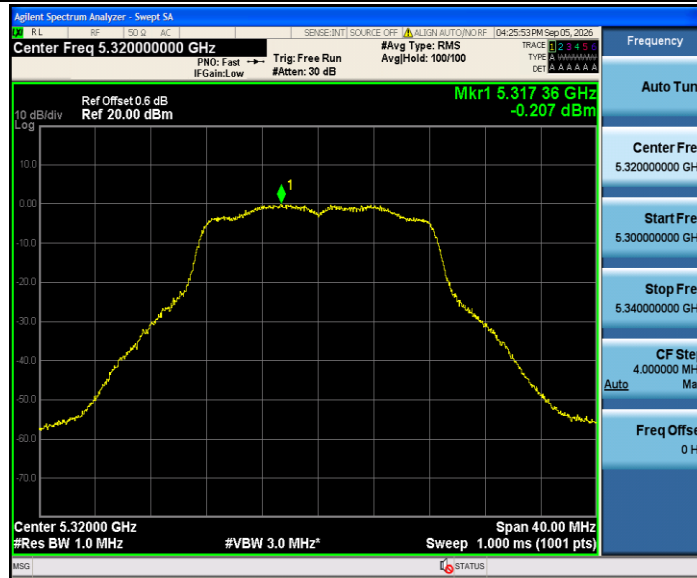
11A_Ant1_5260



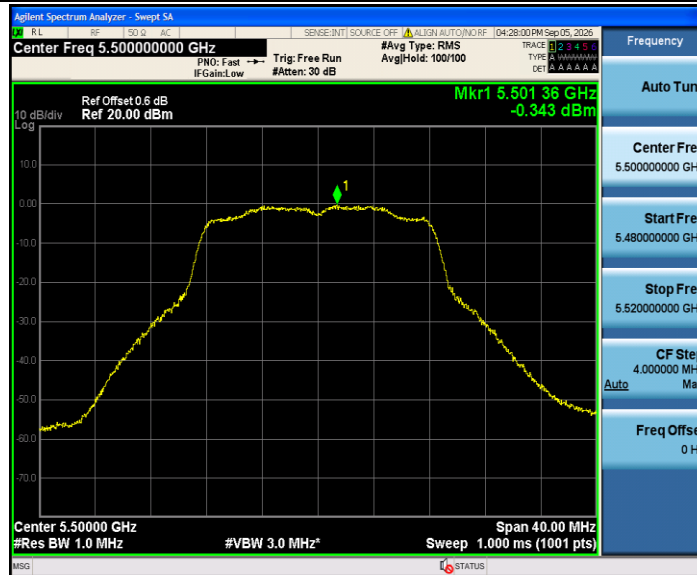
11A_Ant1_5280



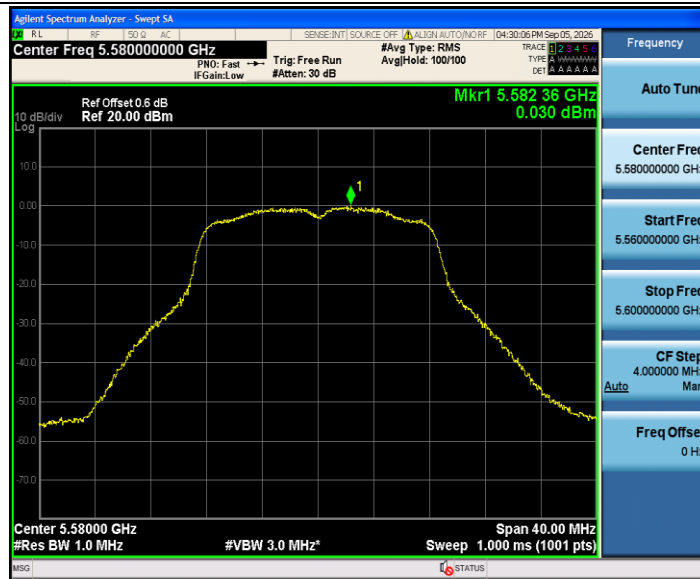
11A_Ant1_5320



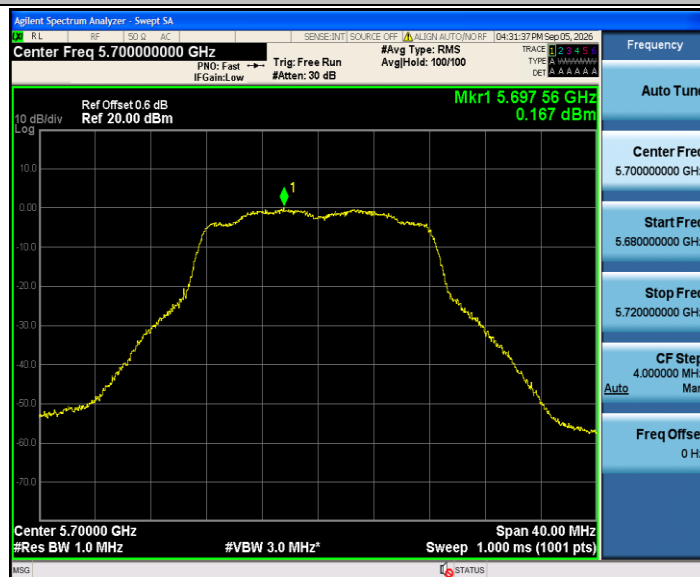
11A_Ant1_5500



11A_Ant1_5580



11A_Ant1_5700



11A_Ant1_5745



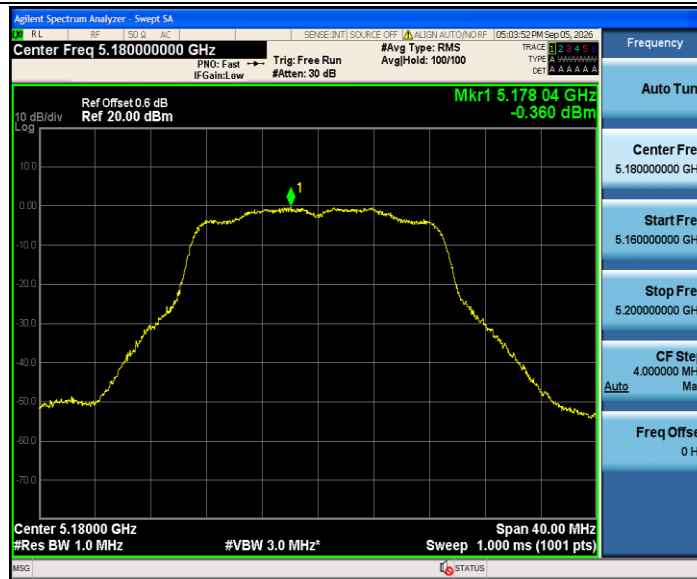
11A_Ant1_5785



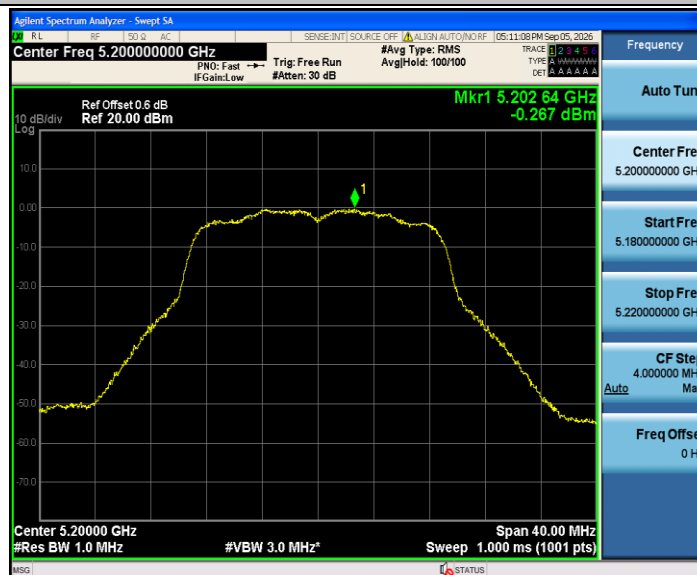
11A_Ant1_5825



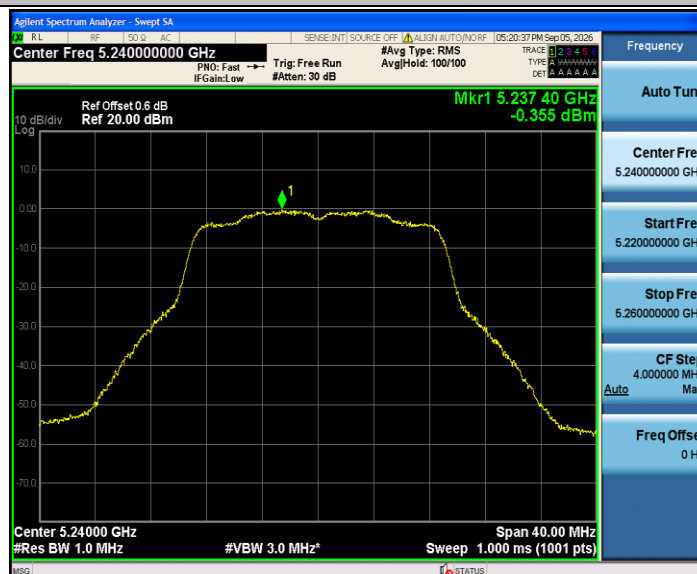
11N20SISO_Ant1_5180



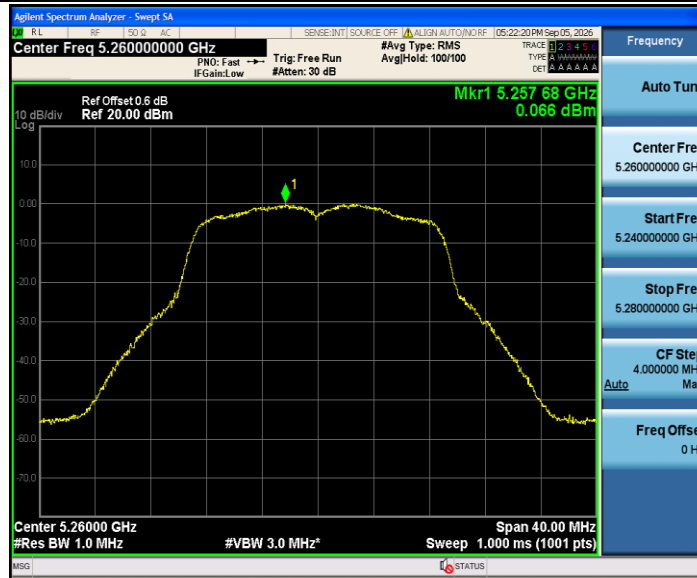
11N20SISO_Ant1_5200



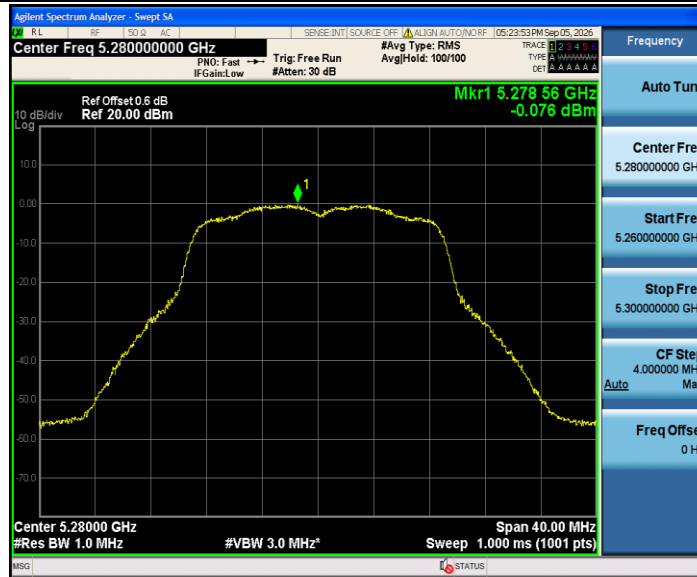
11N20SISO_Ant1_5240



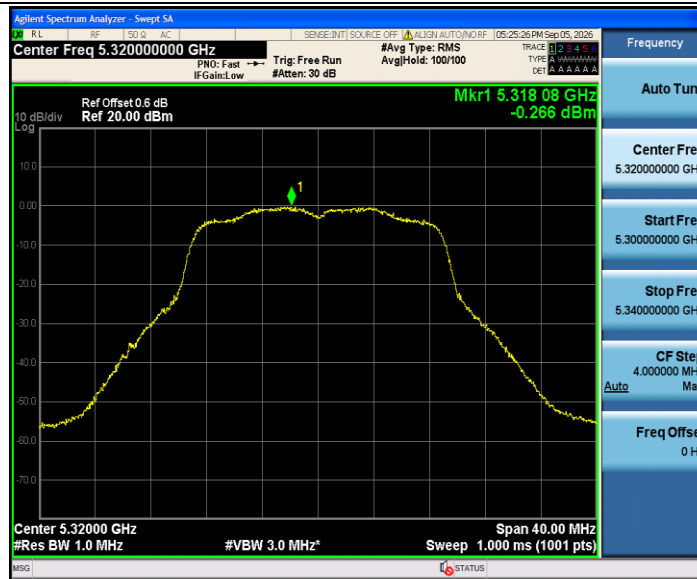
11N20SISO_Ant1_5260



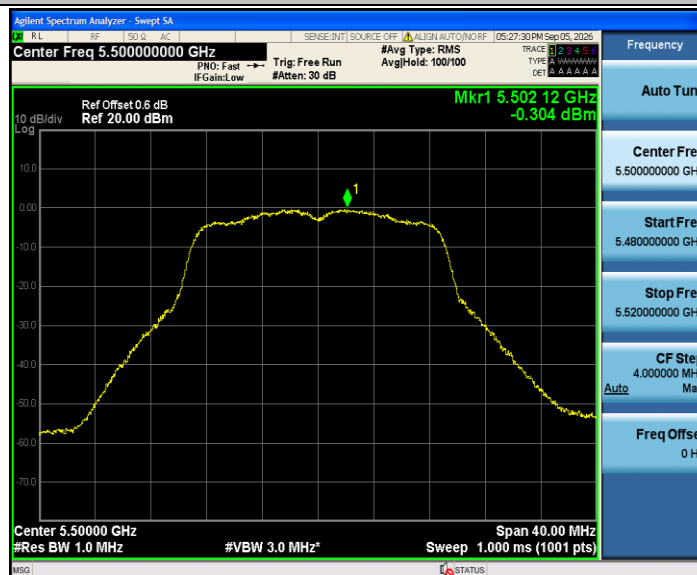
11N20SISO_Ant1_5280



11N20SISO_Ant1_5320



11N20SISO_Ant1_5500



11N20SISO_Ant1_5580

