

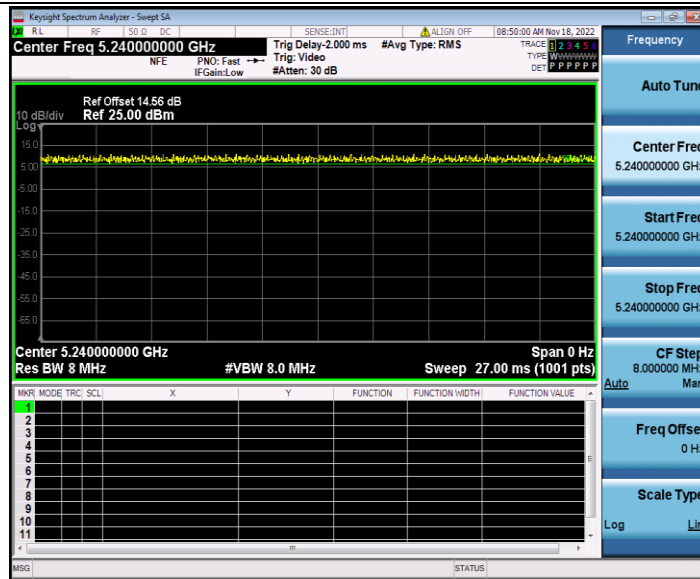
Appendix A: Duty Cycle

Test Result

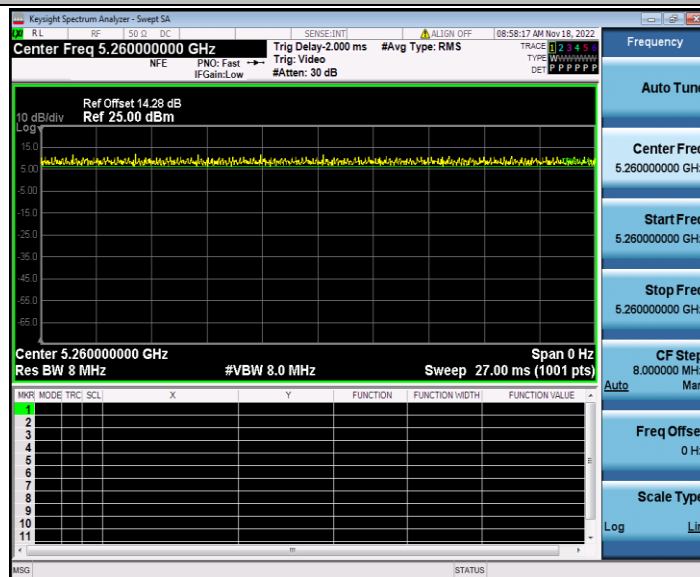
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	27.00	27.00	100.00
		5200	27.00	27.00	100.00
		5240	27.00	27.00	100.00
		5260	27.00	27.00	100.00
		5280	27.00	27.00	100.00
		5320	27.00	27.00	100.00
		5500	27.00	27.00	100.00
		5580	27.00	27.00	100.00
		5700	27.00	27.00	100.00
		5745	27.00	27.00	100.00
		5785	27.00	27.00	100.00
		5825	27.00	27.00	100.00
11N20SISO	Ant1	5180	27.00	27.00	100.00
		5200	27.00	27.00	100.00
		5240	27.00	27.00	100.00
		5260	27.00	27.00	100.00
		5280	27.00	27.00	100.00
		5320	27.00	27.00	100.00
		5500	27.00	27.00	100.00
		5580	27.00	27.00	100.00
		5700	27.00	27.00	100.00
		5745	27.00	27.00	100.00
		5785	27.00	27.00	100.00
		5825	27.00	27.00	100.00
11N40SISO	Ant1	5190	27.00	27.00	100.00
		5230	27.00	27.00	100.00
		5270	27.00	27.00	100.00
		5310	27.00	27.00	100.00
		5510	27.00	27.00	100.00
		5550	27.00	27.00	100.00
		5670	27.00	27.00	100.00
		5755	27.00	27.00	100.00
		5795	27.00	27.00	100.00

[illegible]

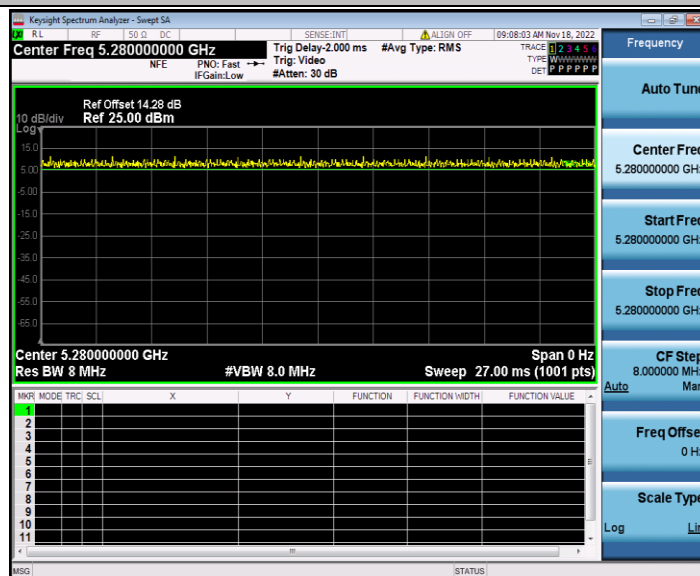
11A_Ant1_5240



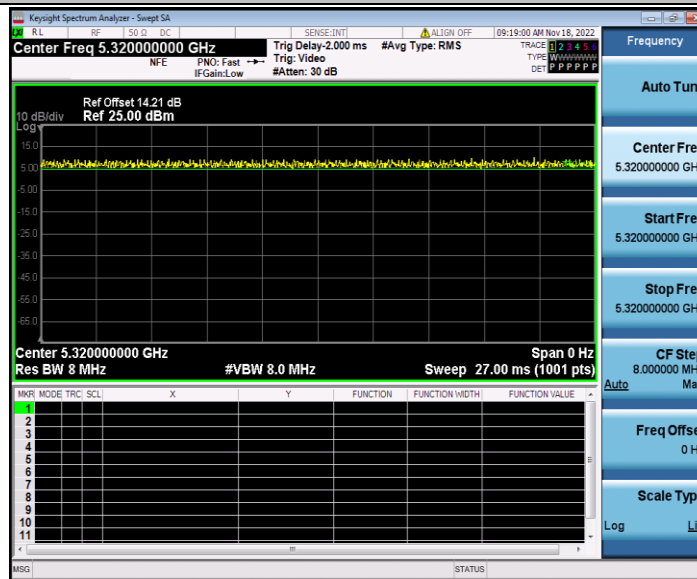
11A_Ant1_5260



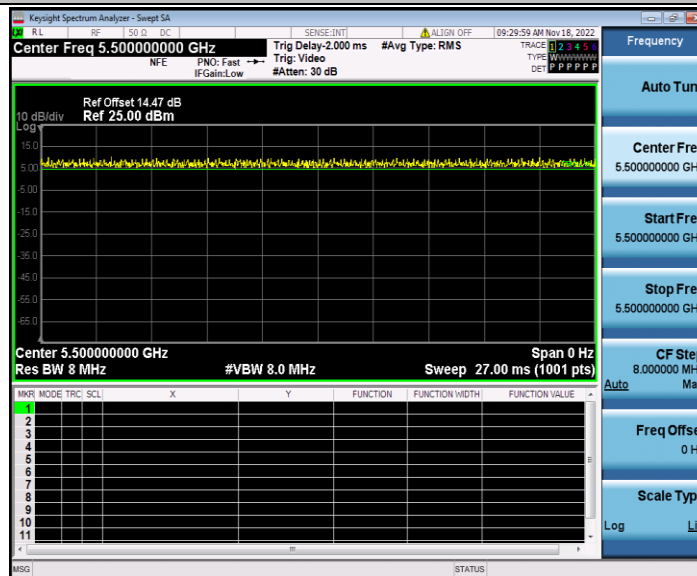
11A_Ant1_5280



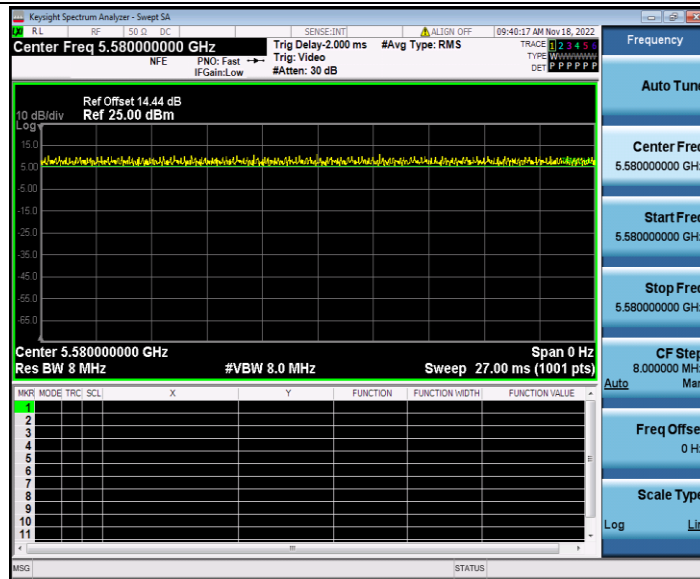
11A_Ant1_5320



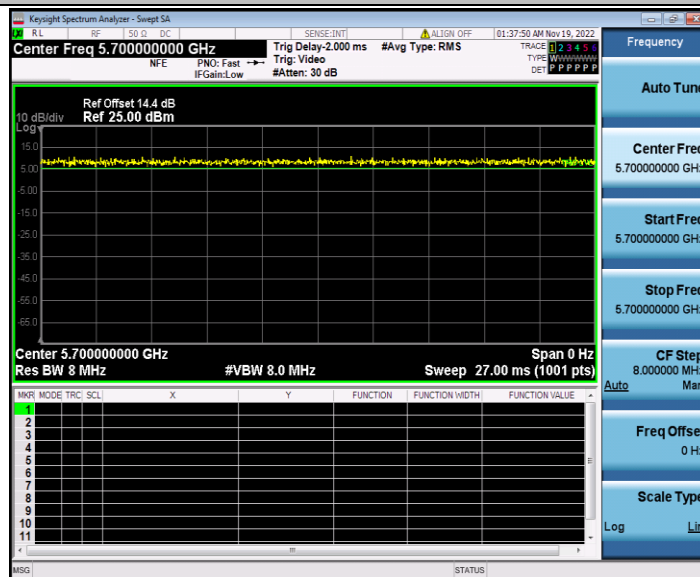
11A_Ant1_5500



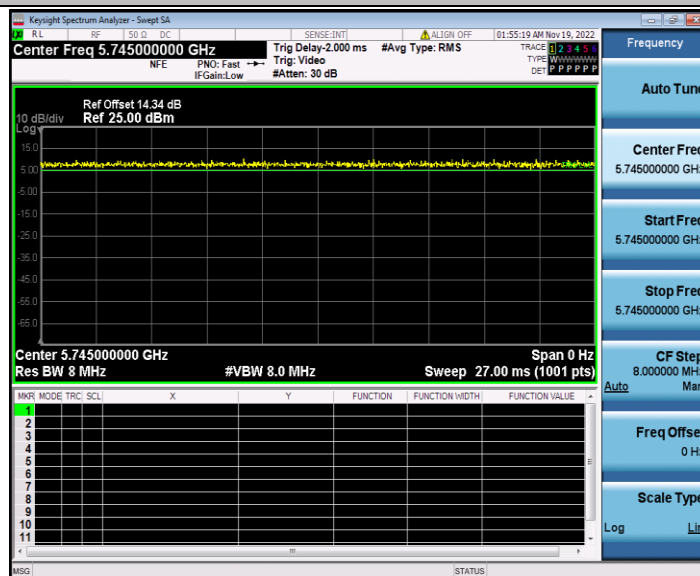
11A_Ant1_5580



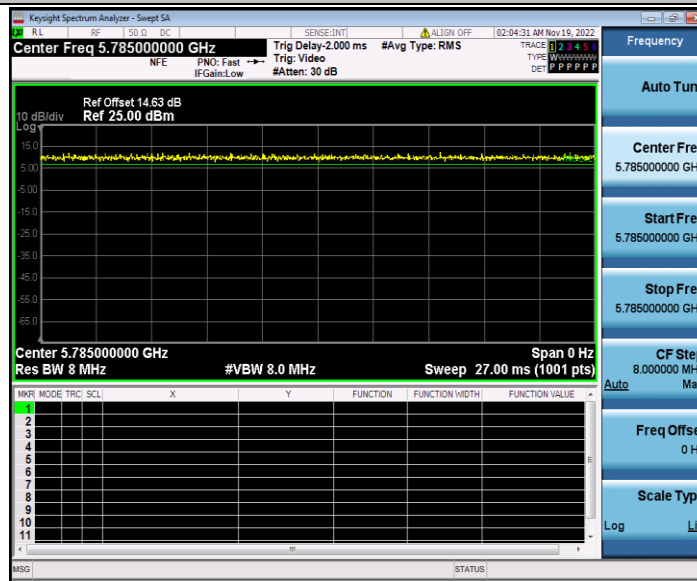
11A_Ant1_5700



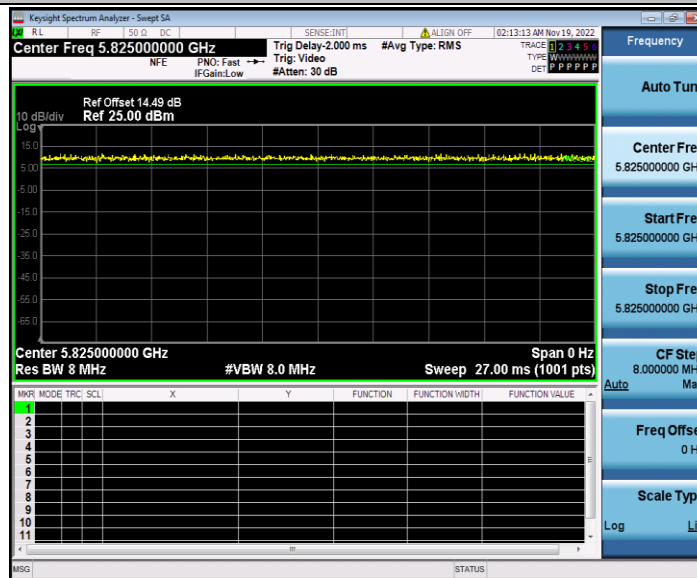
11A_Ant1_5745



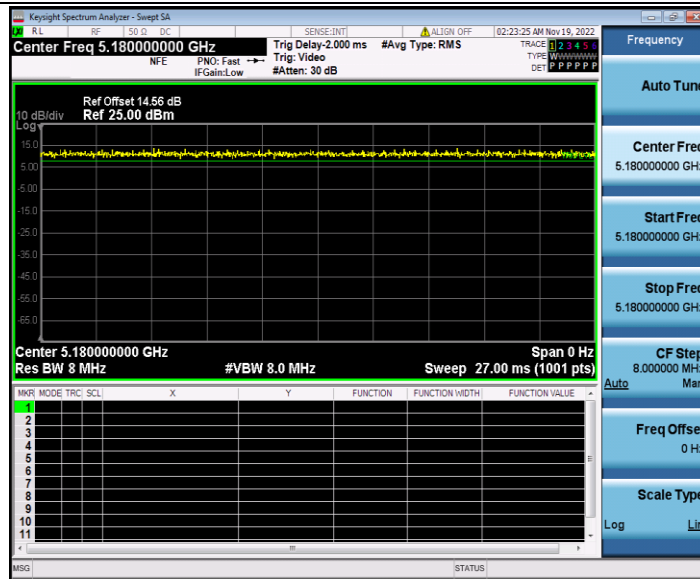
11A_Ant1_5785



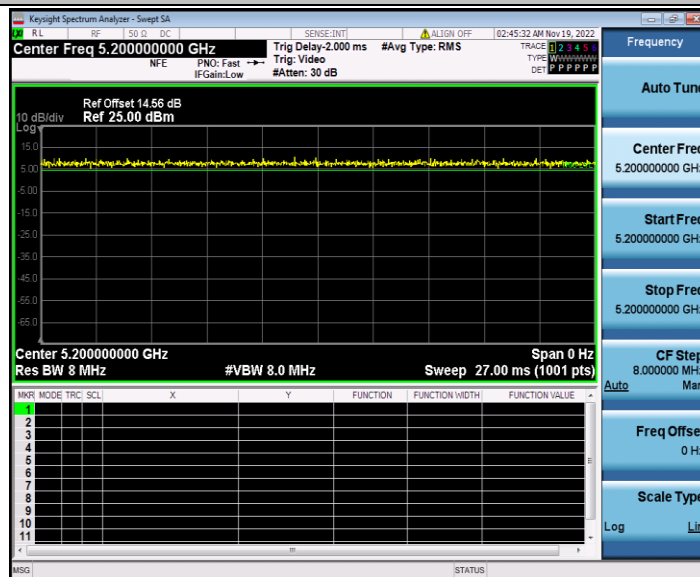
11A_Ant1_5825



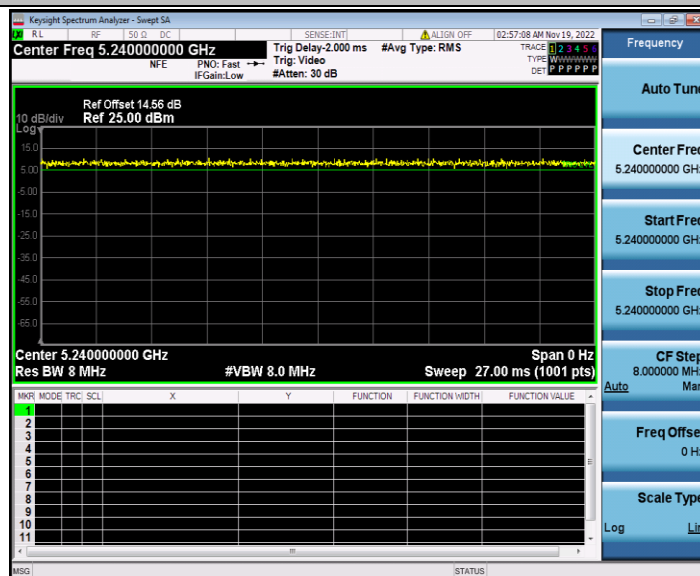
11N20SISO_Ant1_5180



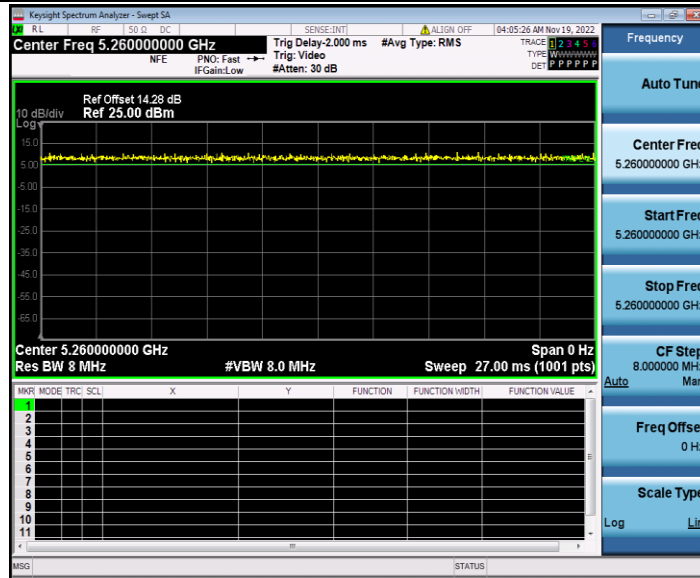
11N20SISO_Ant1_5200



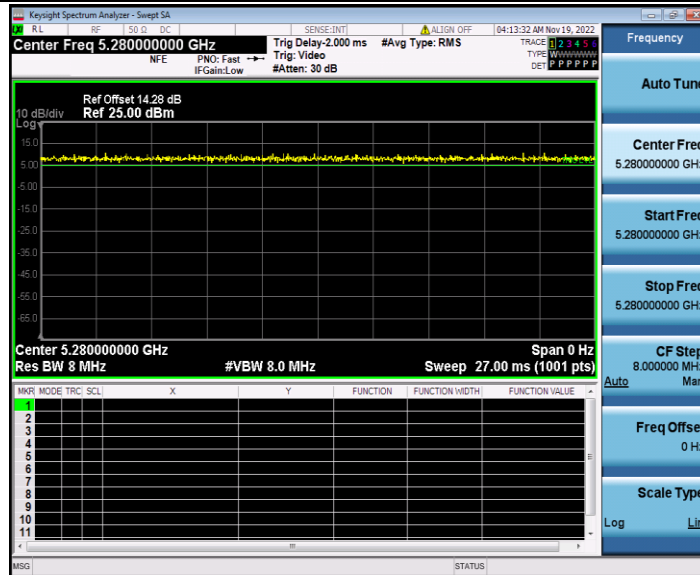
11N20SISO_Ant1_5240



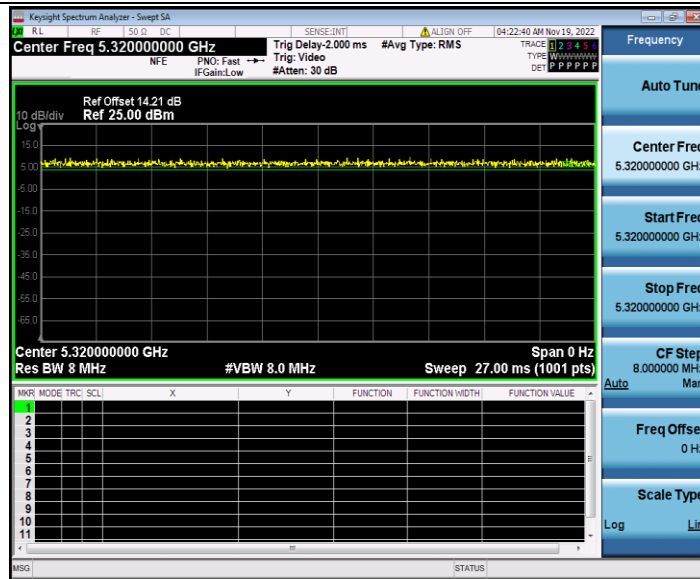
11N20SISO_Ant1_5260



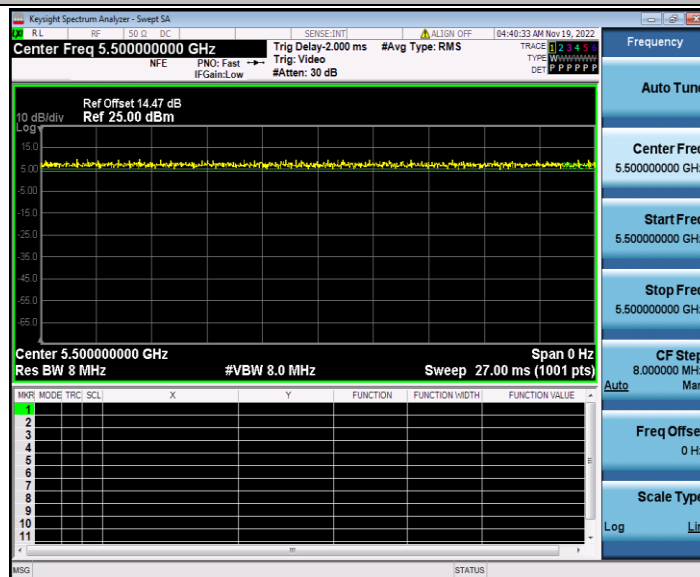
11N20SISO_Ant1_5280



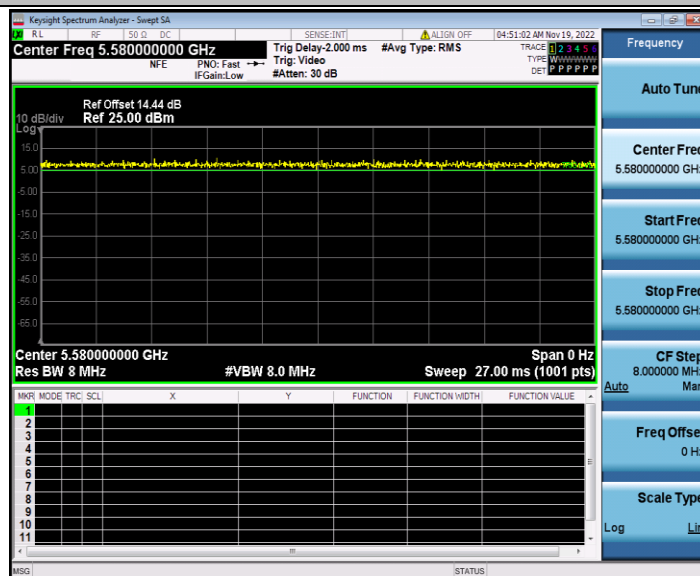
11N20SISO_Ant1_5320



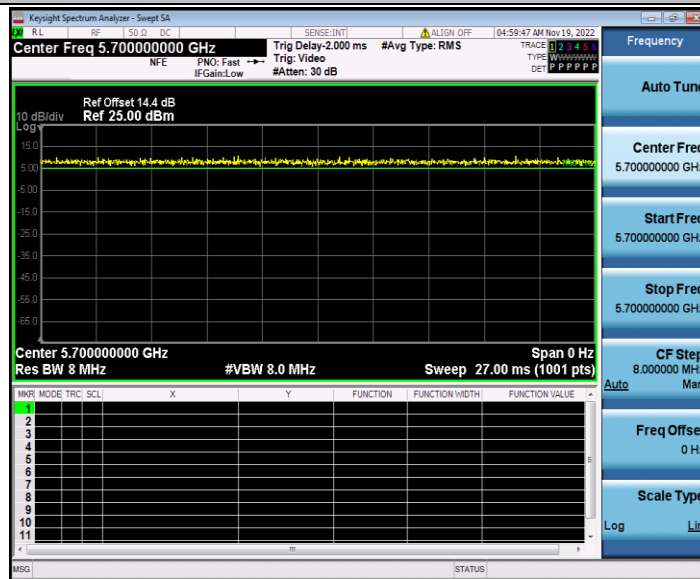
11N20SISO_Ant1_5500



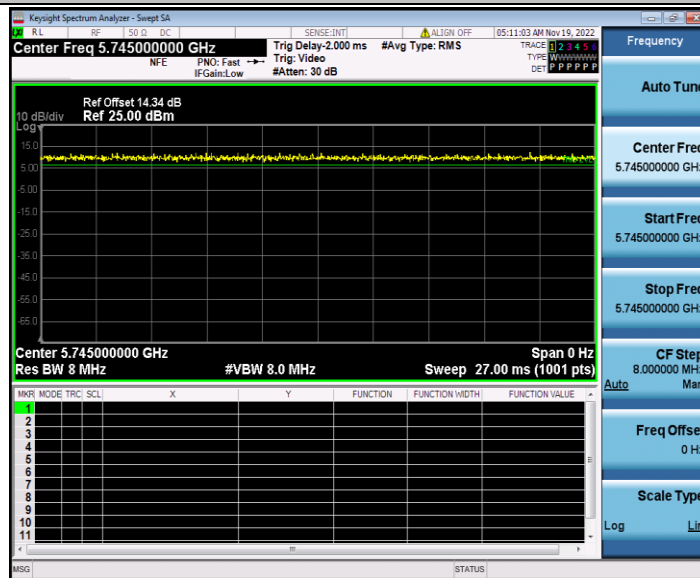
11N20SISO_Ant1_5580



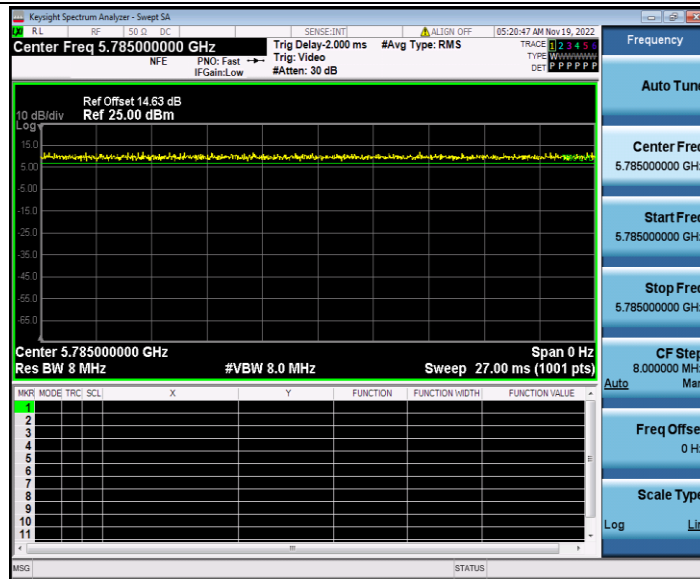
11N20SISO_Ant1_5700



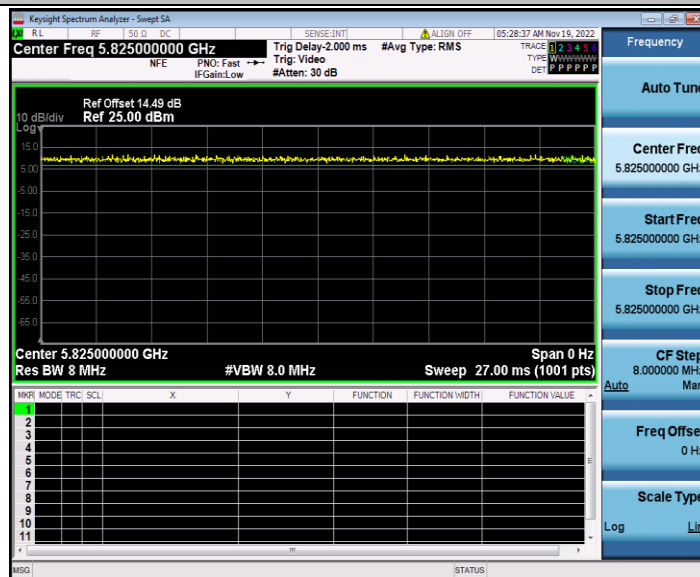
11N20SISO_Ant1_5745



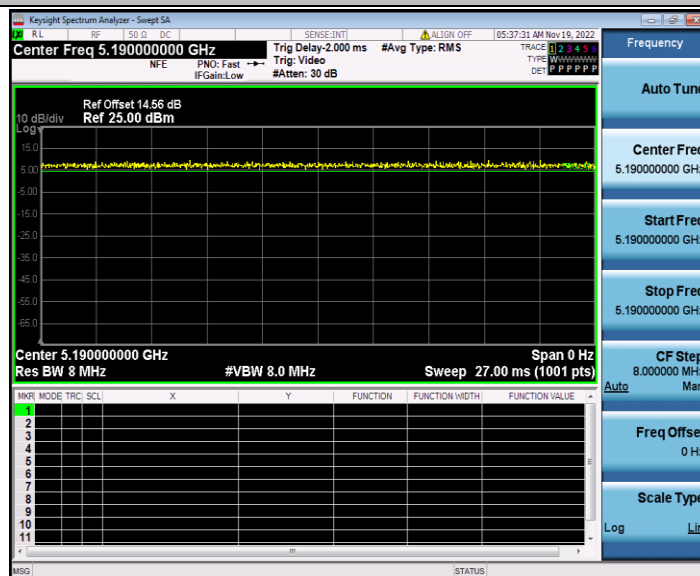
11N20SISO_Ant1_5785



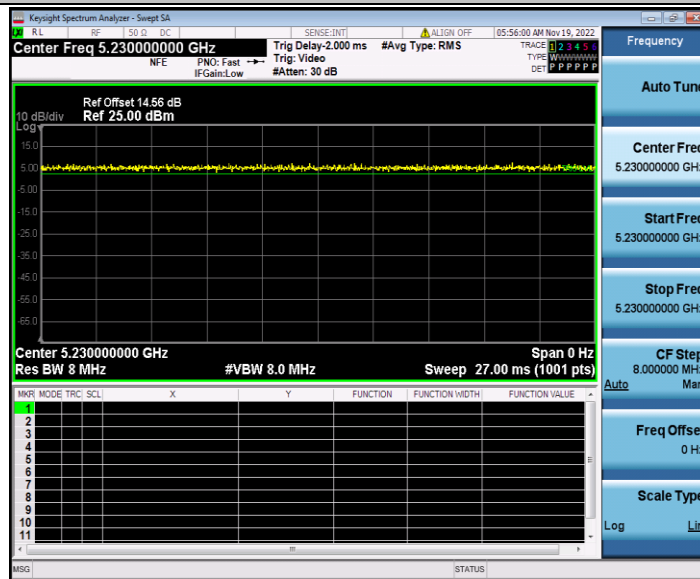
11N20SISO_Ant1_5825



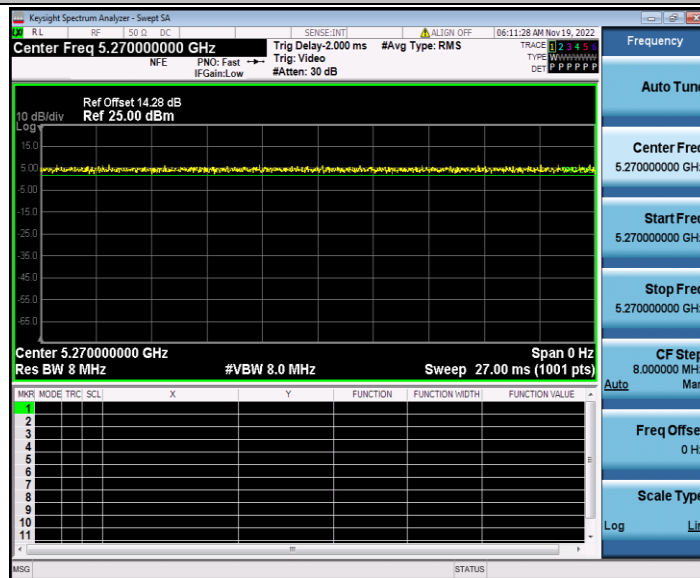
11N40SISO_Ant1_5190



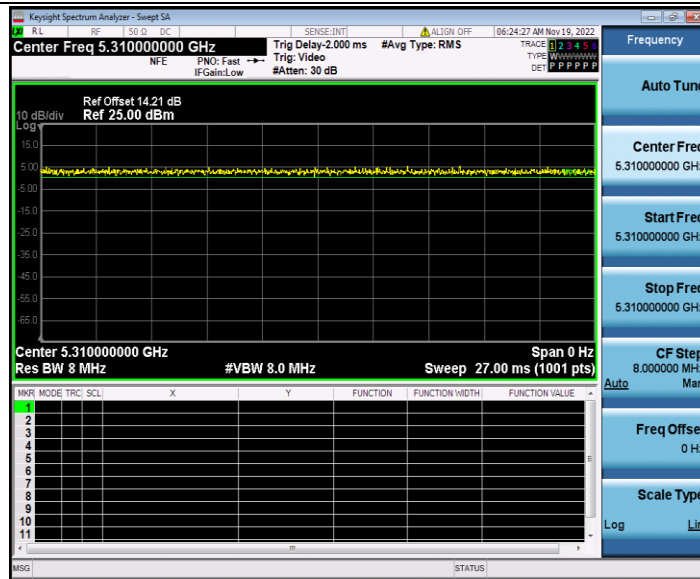
11N40SISO_Ant1_5230



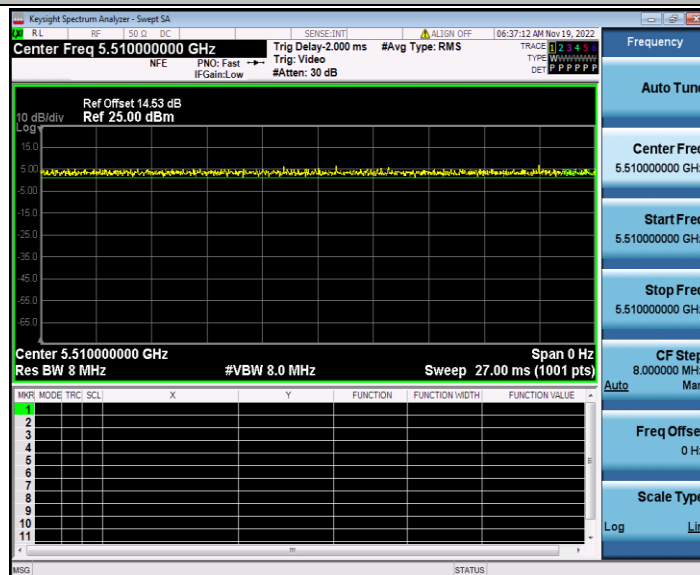
11N40SISO_Ant1_5270



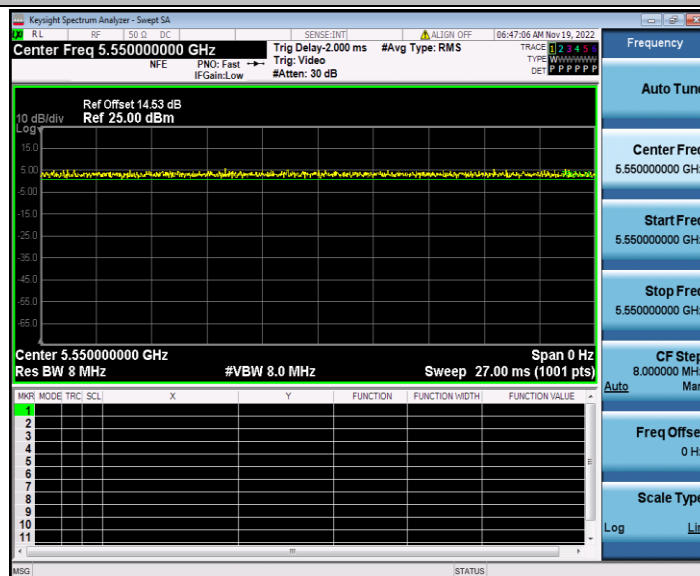
11N40SISO_Ant1_5310



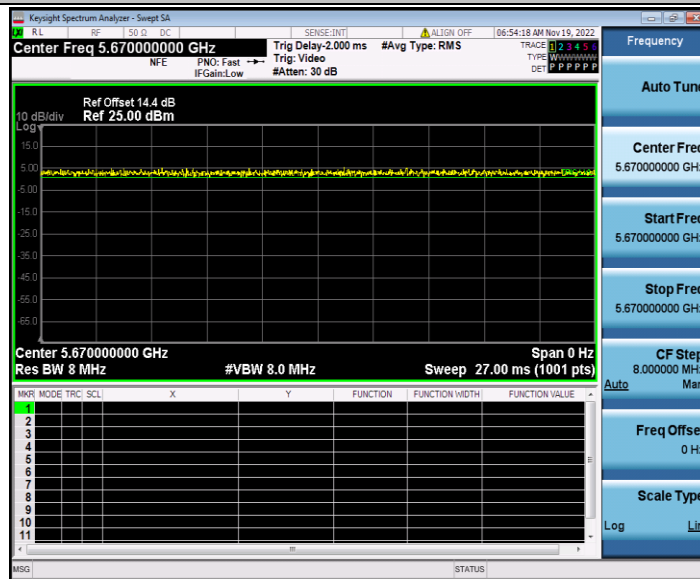
11N40SISO_Ant1_5510



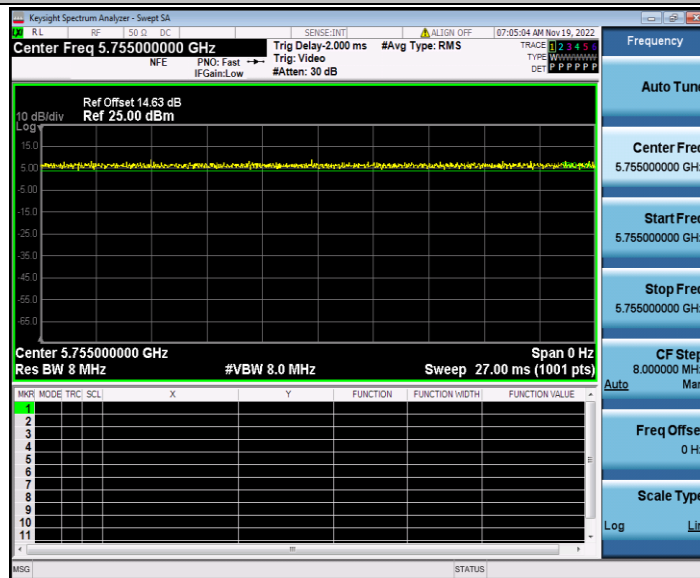
11N40SISO_Ant1_5550



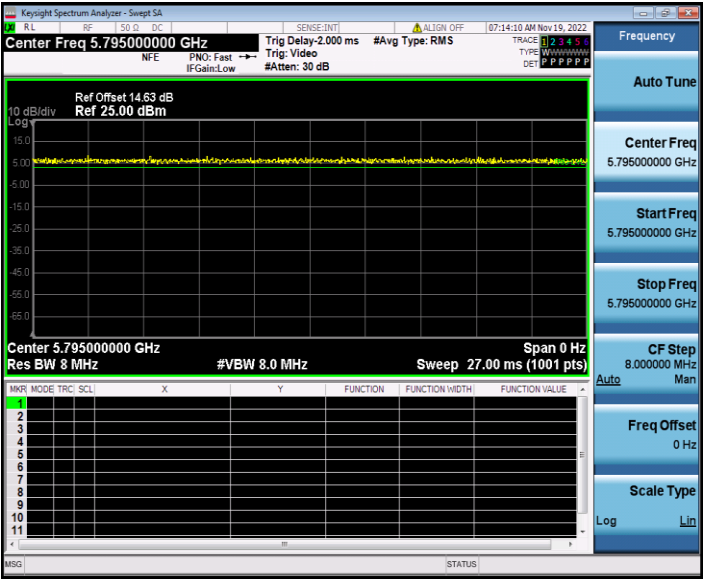
11N40SISO_Ant1_5670



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



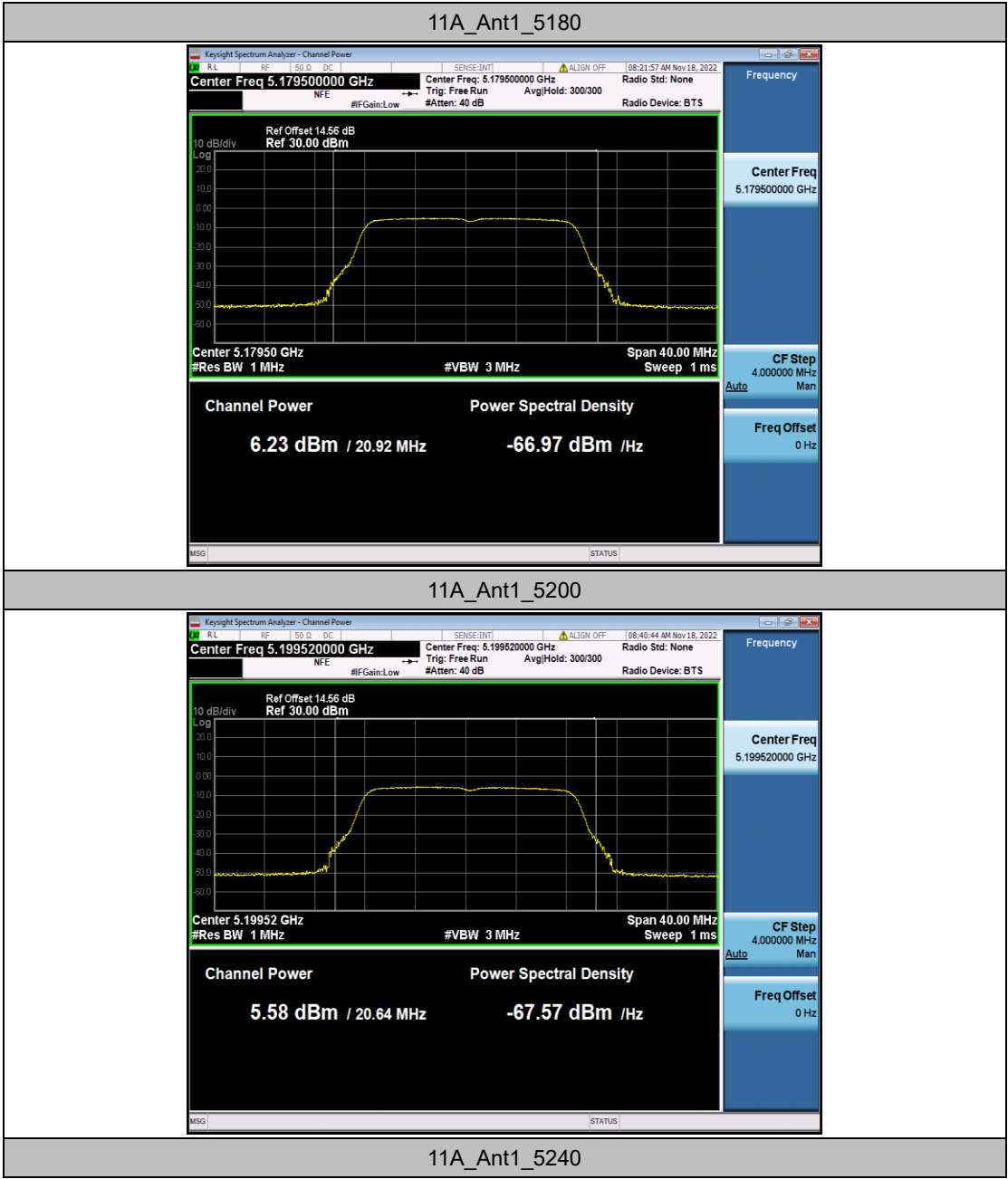
Appendix A: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A	Ant1	5180	6.23	0.00	6.23	≤23.98	2.97	9.20	≤22.00	PASS
		5200	5.58	0.00	5.58	≤23.98	2.97	8.55	≤22.00	PASS
		5240	3.85	0.00	3.85	≤23.98	2.97	6.82	≤22.00	PASS
		5260	3.55	0.00	3.55	≤23.98	2.97	6.52	≤23.00	PASS
		5280	3.11	0.00	3.11	≤23.98	2.97	6.08	≤23.00	PASS
		5320	1.95	0.00	1.95	≤23.98	2.97	4.92	≤23.00	PASS
		5500	2.12	0.00	2.12	≤23.98	2.97	5.09	≤23.00	PASS
		5580	2.45	0.00	2.45	≤23.98	2.97	5.42	≤23.00	PASS
		5700	2.91	0.00	2.91	≤23.98	2.97	5.88	≤23.00	PASS
		5745	4.96	0.00	4.96	≤30.00	2.97	7.93	≤30.00	PASS
		5785	5.17	0.00	5.17	≤30.00	2.97	8.14	≤30.00	PASS
		5825	5.15	0.00	5.15	≤30.00	2.97	8.12	≤30.00	PASS
11N20SI SO	Ant1	5180	6.13	0.00	6.13	≤23.98	2.97	9.10	≤22.00	PASS
		5200	5.18	0.00	5.18	≤23.98	2.97	8.15	≤22.00	PASS
		5240	3.28	0.00	3.28	≤23.98	2.97	6.25	≤22.00	PASS
		5260	3.33	0.00	3.33	≤23.98	2.97	6.30	≤23.00	PASS
		5280	3.08	0.00	3.08	≤23.98	2.97	6.05	≤23.00	PASS
		5320	1.77	0.00	1.77	≤23.98	2.97	4.74	≤23.00	PASS
		5500	1.99	0.00	1.99	≤23.98	2.97	4.96	≤23.00	PASS
		5580	2.27	0.00	2.27	≤23.98	2.97	5.24	≤23.00	PASS
		5700	2.43	0.00	2.43	≤23.98	2.97	5.40	≤23.00	PASS
		5745	4.71	0.00	4.71	≤30.00	2.97	7.68	≤30.00	PASS
		5785	4.92	0.00	4.92	≤30.00	2.97	7.89	≤30.00	PASS
		5825	4.95	0.00	4.95	≤30.00	2.97	7.92	≤30.00	PASS
11N40SI SO	Ant1	5190	5.87	0.00	5.87	≤23.98	2.97	8.84	≤23.00	PASS
		5230	3.76	0.00	3.76	≤23.98	2.97	6.73	≤23.00	PASS
		5270	2.85	0.00	2.85	≤23.98	2.97	5.82	≤23.00	PASS
		5310	1.76	0.00	1.76	≤23.98	2.97	4.73	≤24.00	PASS
		5510	1.95	0.00	1.95	≤23.98	2.97	4.92	≤24.00	PASS
		5550	1.73	0.00	1.73	≤23.98	2.97	4.70	≤24.00	PASS
		5670	1.52	0.00	1.52	≤23.98	2.97	4.49	≤26.99	PASS
		5755	4.98	0.00	4.98	≤30.00	2.97	7.95	≤30.00	PASS
		5795	4.98	0.00	4.98	≤30.00	2.97	7.95	≤30.00	PASS

Note: The Duty Cycle Factor is compensated in the graph.

Test Graphs Channel Power



11A_Ant1_5200

Keysight Spectrum Analyzer - Channel Power

Center Freq 5.199520000 GHz

Center Freq: 5.199520000 GHz

Trig: Free Run

Avg/Hold: 300/300

Radio Std: None

Radio Device: BTS

Ref Offset 14.56 dB

Ref 30.00 dBm

10 dB/div

Log

Center 5.19952 GHz

#Res BW 1 MHz

#VBW 3 MHz

Span 40.00 MHz

Sweep 1 ms

Channel Power

Power Spectral Density

5.58 dBm / 20.64 MHz

-67.57 dBm /Hz

MSG

STATUS

Frequency

Center Freq

5.199520000 GHz

CF Step

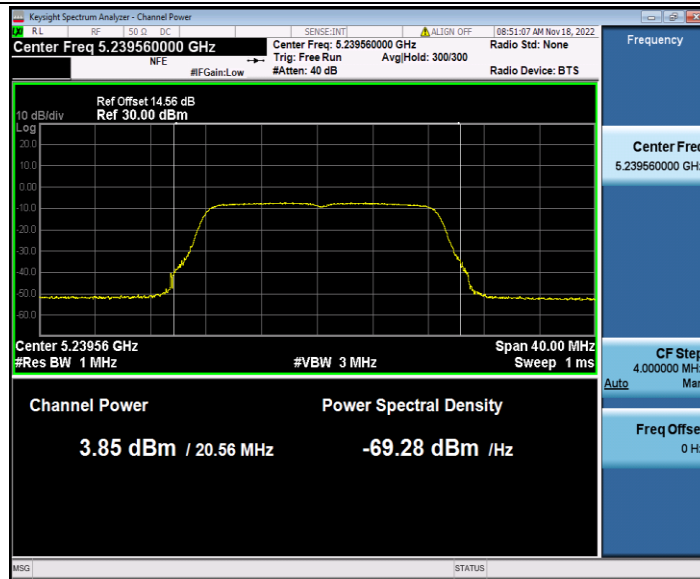
4.000000 MHz

Man

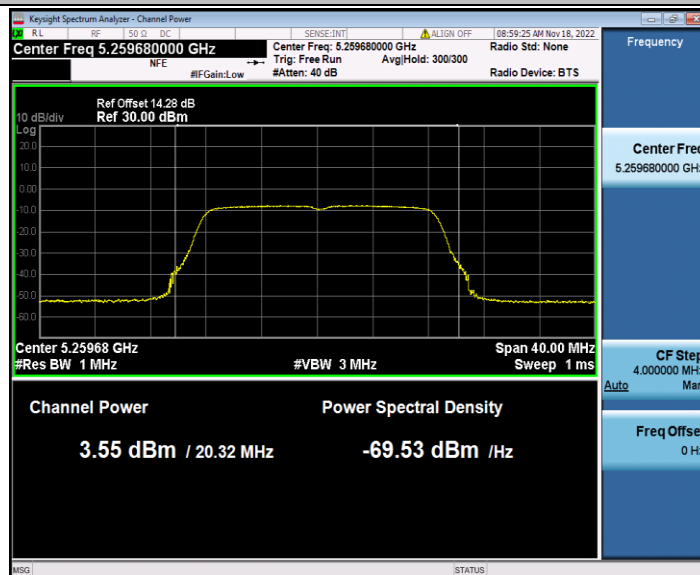
Freq Offset

0 Hz

11A_Ant1_5240



11A_Ant1_5260



11A_Ant1_5280

