

Case No. : <u>GTS20250825004-12-05</u>
Ambient Condition: <u>22</u> °C, <u>48</u> %RH
According Standard: ■Part15E
Test Date: <u>2025.12.20-2026.1.22</u> Test Engineer: <u>Evan ouyang</u>

Appendix F.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	25.680	5486.960	5512.640	---	---
		5580	25.280	5567.080	5592.360	---	---
		5700	25.160	5687.400	5712.560	---	---
11N20SISO	Ant1	5500	27.600	5487.040	5514.640	---	---
		5580	27.040	5566.240	5593.280	---	---
		5700	26.480	5686.880	5713.360	---	---
11N40SISO	Ant1	5510	46.240	5486.960	5533.200	---	---
		5590	47.520	5566.960	5614.480	---	---
		5670	46.480	5646.720	5693.200	---	---
11AC20SISO	Ant1	5500	27.040	5486.640	5513.680	---	---
		5580	26.280	5566.880	5593.160	---	---
		5700	26.160	5686.920	5713.080	---	---
11AC40SISO	Ant1	5510	46.960	5486.880	5533.840	---	---
		5590	46.800	5566.960	5613.760	---	---
		5670	46.480	5647.280	5693.760	---	---
11AC80SISO	Ant1	5530	88.320	5486.800	5575.120	---	---
		5610	89.440	5566.320	5655.760	---	---
11AX20SISO	Ant1	5500	24.520	5487.720	5512.240	---	---
		5580	25.800	5567.320	5593.120	---	---
		5700	24.200	5687.920	5712.120	---	---
11AX40SISO	Ant1	5510	44.720	5487.760	5532.480	---	---
		5590	45.520	5567.840	5613.360	---	---
		5670	45.600	5647.280	5692.880	---	---
11AX80SISO	Ant1	5530	86.720	5487.280	5574.000	---	---
		5610	85.760	5567.600	5653.360	---	---

Test Graphs

11A_Ant1_5500



11A_Ant1_5580



11A_Ant1_5700



11N20SISO_Ant1_5500



11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



11N40SISO_Ant1_5510



11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580



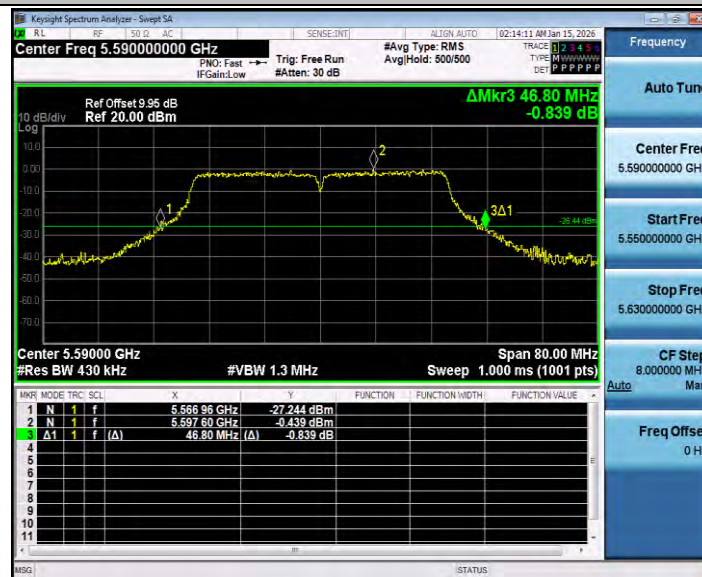
11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



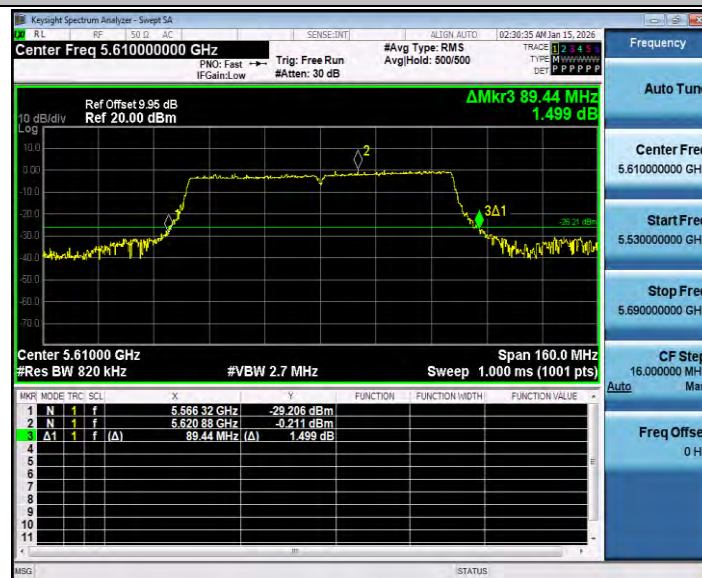
11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



11AX20SISO_Ant1_5500



11AX20SISO_Ant1_5580



11AX20SISO_Ant1_5700



11AX40SISO_Ant1_5510



11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670



11AX80ISO_Ant1_5530



11AX80ISO_Ant1_5610

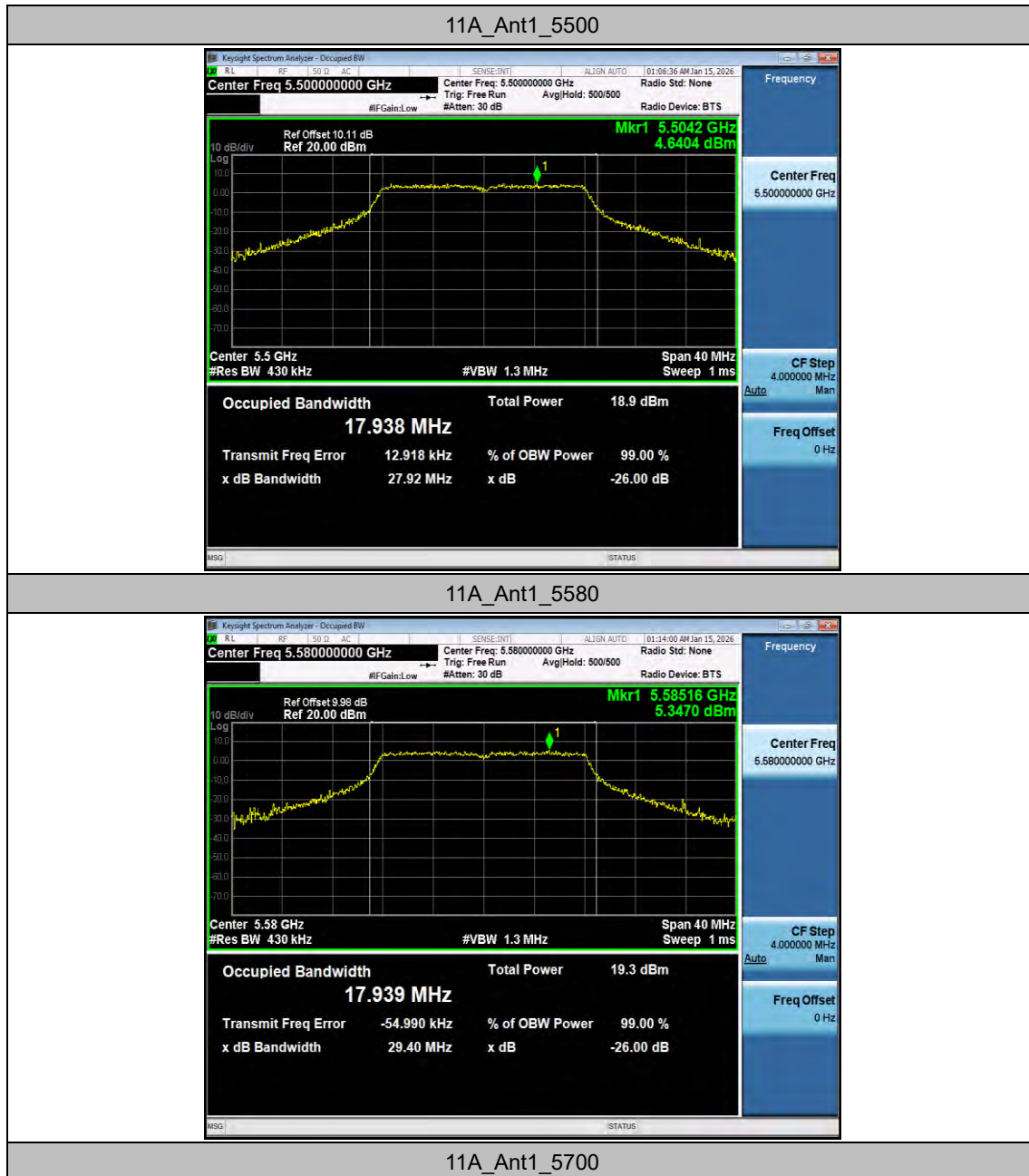


Appendix F.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	17.938	5491.0439	5508.9819	---	---
		5580	17.939	5570.9755	5588.9145	---	---
		5700	17.904	5690.9339	5708.8379	---	---
11N20SISO	Ant1	5500	19.032	5490.5219	5509.5539	---	---
		5580	19.024	5570.4285	5589.4525	---	---
		5700	19.072	5690.3729	5709.4449	---	---
11N40SISO	Ant1	5510	37.591	5491.3684	5528.9594	---	---
		5590	37.683	5571.2158	5608.8988	---	---
		5670	37.580	5651.2160	5688.7960	---	---
11AC20SISO	Ant1	5500	19.123	5490.5353	5509.6583	---	---
		5580	19.013	5570.4640	5589.4770	---	---
		5700	19.002	5690.4282	5709.4302	---	---
11AC40SISO	Ant1	5510	37.507	5491.3765	5528.8835	---	---
		5590	37.685	5571.2344	5608.9194	---	---
		5670	37.463	5651.2997	5688.7627	---	---
11AC80SISO	Ant1	5530	76.700	5491.9022	5568.6022	---	---
		5610	77.048	5571.8318	5648.8798	---	---
11AX20SISO	Ant1	5500	19.727	5490.1871	5509.9141	---	---
		5580	19.689	5570.1419	5589.8309	---	---
		5700	19.651	5690.1729	5709.8239	---	---
11AX40SISO	Ant1	5510	38.660	5490.7374	5529.3974	---	---
		5590	38.649	5570.7472	5609.3962	---	---
		5670	38.608	5650.7584	5689.3664	---	---
11AX80SISO	Ant1	5530	78.124	5491.1225	5569.2465	---	---
		5610	78.546	5571.1224	5649.6684	---	---

Test Graphs

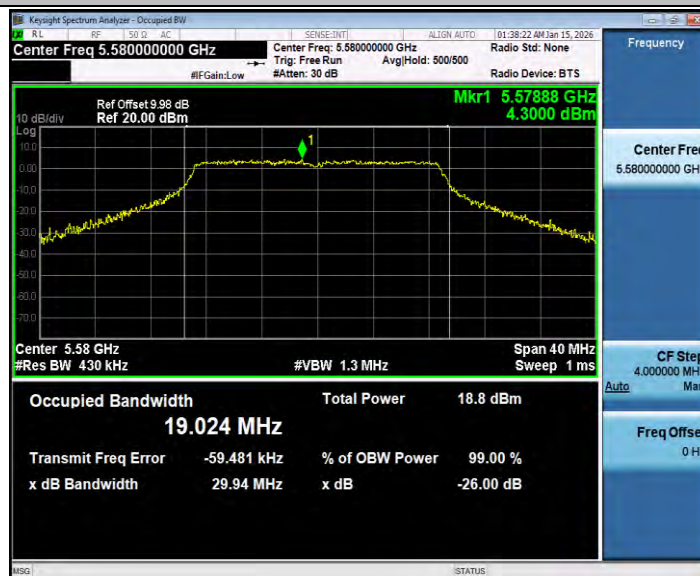




11N20SISO_Ant1_5500



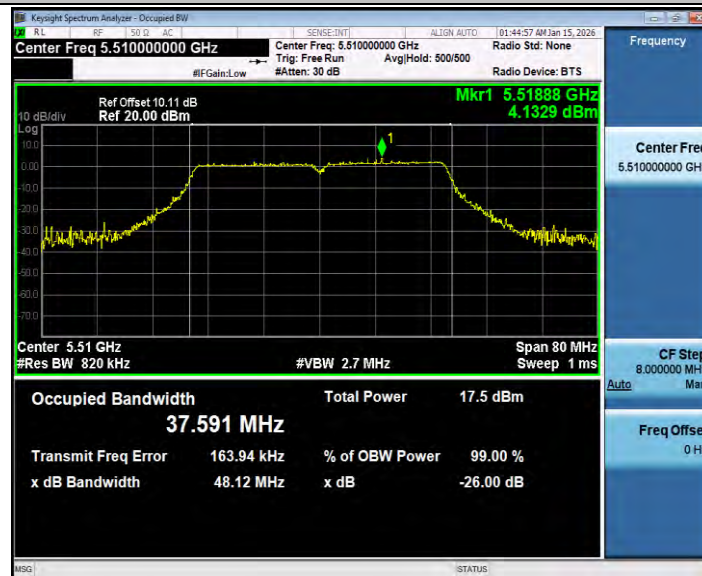
11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



11N40SISO_Ant1_5510



11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



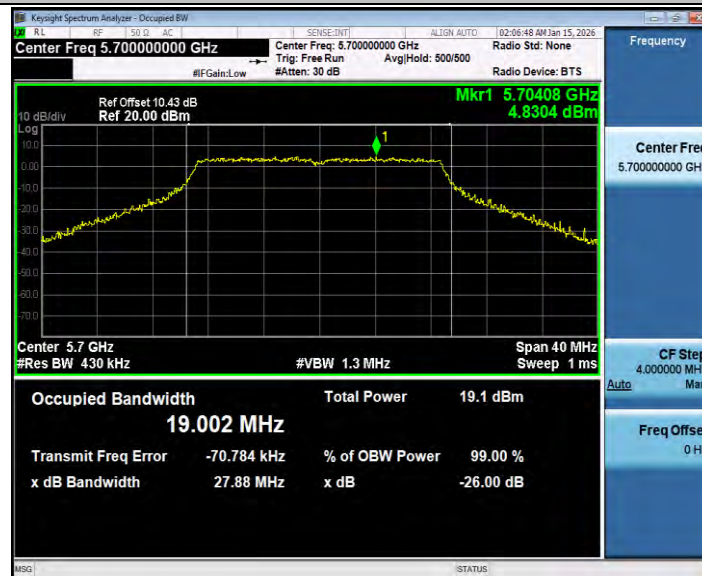
11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



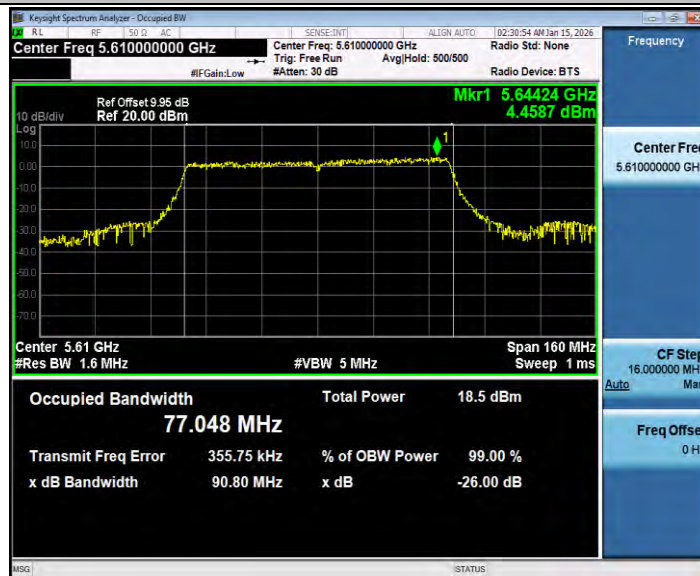
11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



11AX20SISO_Ant1_5500



11AX20SISO_Ant1_5580



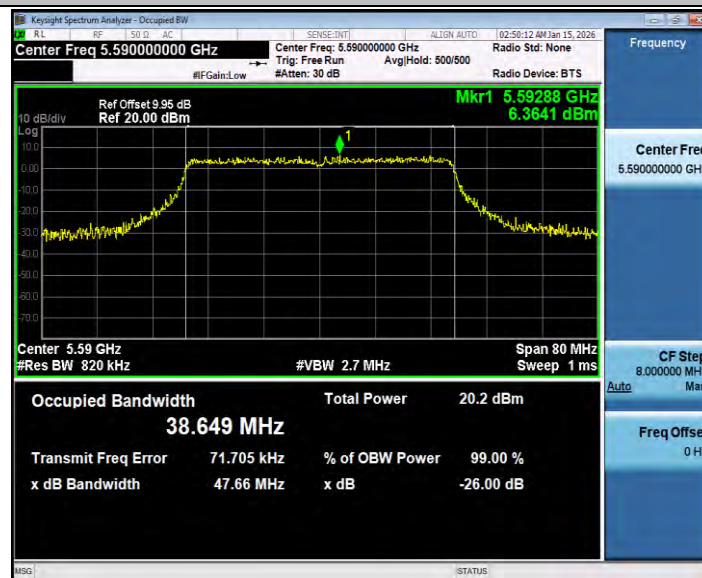
11AX20SISO_Ant1_5700



11AX40SISO_Ant1_5510



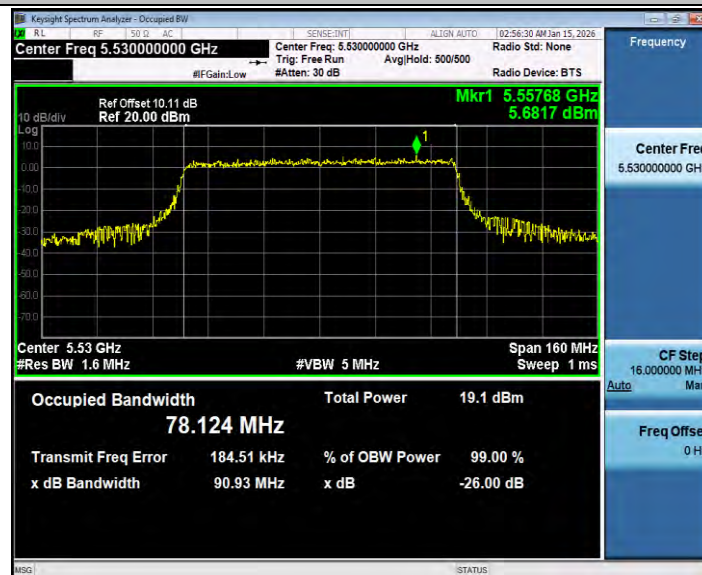
11AX40SISO_Ant1_5590



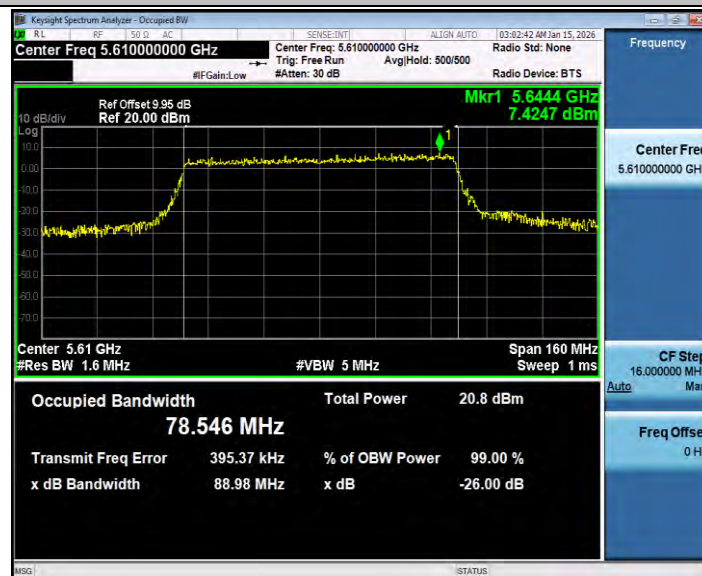
11AX40SISO_Ant1_5670



11AX80ISO_Ant1_5530



11AX80ISO_Ant1_5610

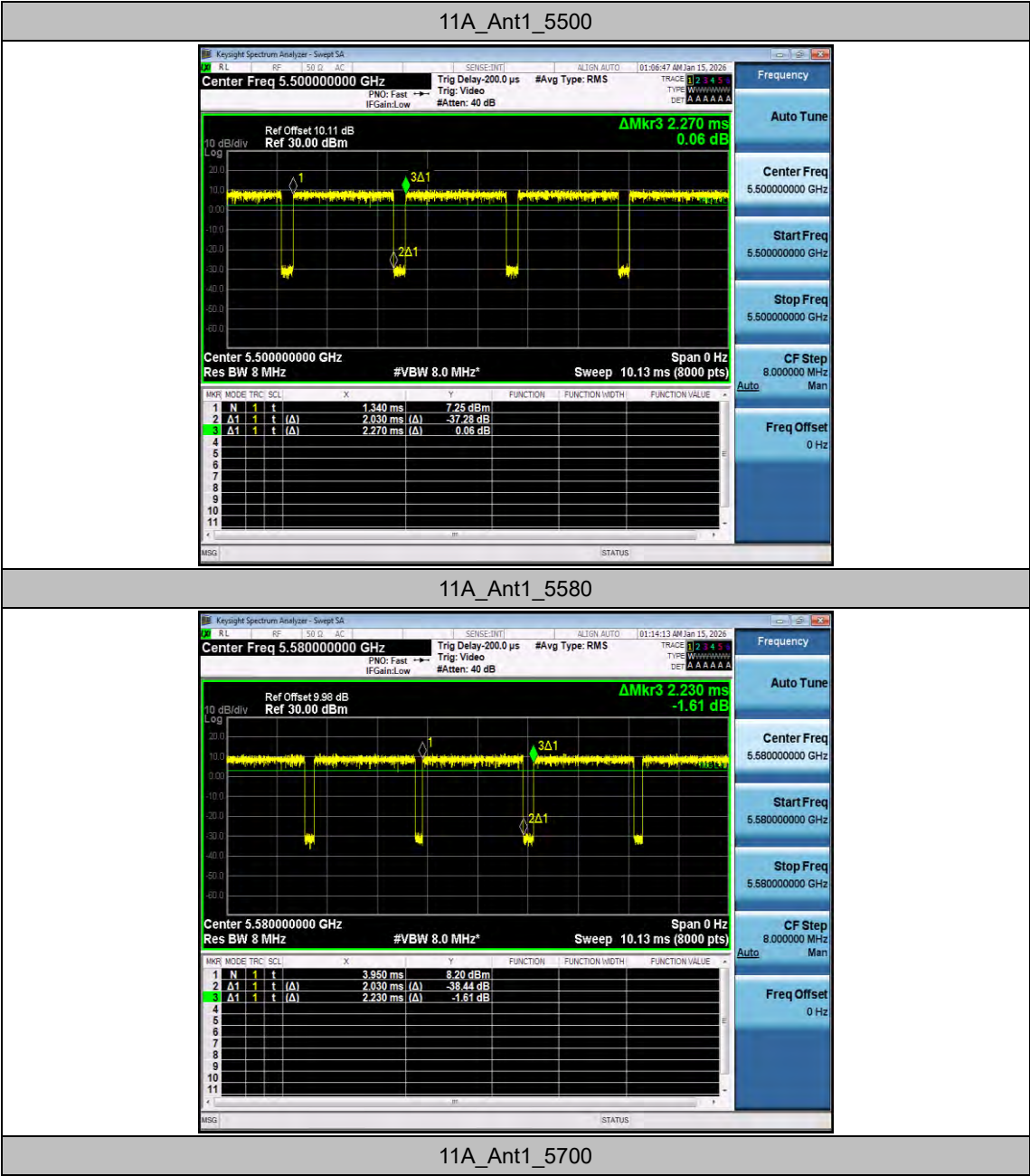


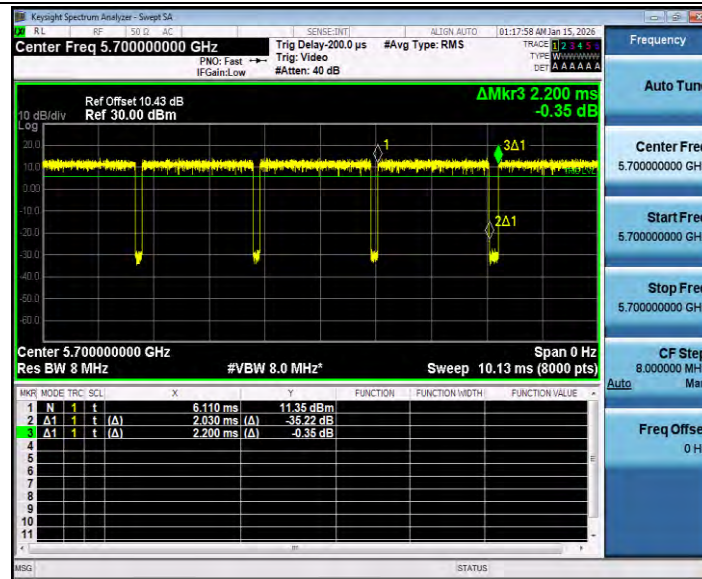
AppendixF.3: Duty Cycle

Test Result

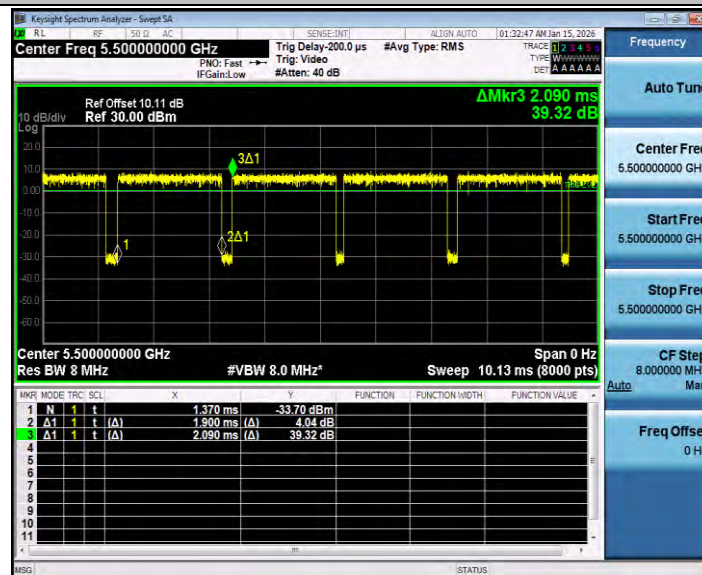
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5500	2.03	2.27	89.43	0.49	0.49
		5580	2.03	2.23	91.03	0.41	0.49
		5700	2.03	2.20	92.27	0.35	0.49
11N20SISO	Ant1	5500	1.90	2.09	90.91	0.41	0.53
		5580	1.89	2.06	91.75	0.37	0.53
		5700	1.89	2.11	89.57	0.48	0.53
11N40SISO	Ant1	5510	0.93	1.16	80.17	0.96	1.08
		5590	0.93	1.14	81.58	0.88	1.08
		5670	0.93	1.42	65.49	1.84	1.08
11AC20SISO	Ant1	5500	1.90	2.07	91.79	0.37	0.53
		5580	1.90	2.06	92.23	0.35	0.53
		5700	1.90	2.07	91.79	0.37	0.53
11AC40SISO	Ant1	5510	0.94	1.16	81.03	0.91	1.06
		5590	0.94	1.11	84.68	0.72	1.06
		5670	0.93	1.42	65.49	1.84	1.08
11AC80SISO	Ant1	5530	0.45	0.68	66.18	1.79	2.22
		5610	0.45	0.95	47.37	3.24	2.22
11AX20SISO	Ant1	5500	1.46	1.70	85.88	0.66	0.68
		5580	1.46	1.67	87.43	0.58	0.68
		5700	1.47	1.68	87.50	0.58	0.68
11AX40SISO	Ant1	5510	0.76	0.98	77.55	1.10	1.32
		5590	0.76	1.00	76.00	1.19	1.32
		5670	0.76	1.00	76.00	1.19	1.32
11AX80SISO	Ant1	5530	0.39	0.62	62.90	2.01	2.56
		5610	0.40	0.57	70.18	1.54	2.50

Test Graphs

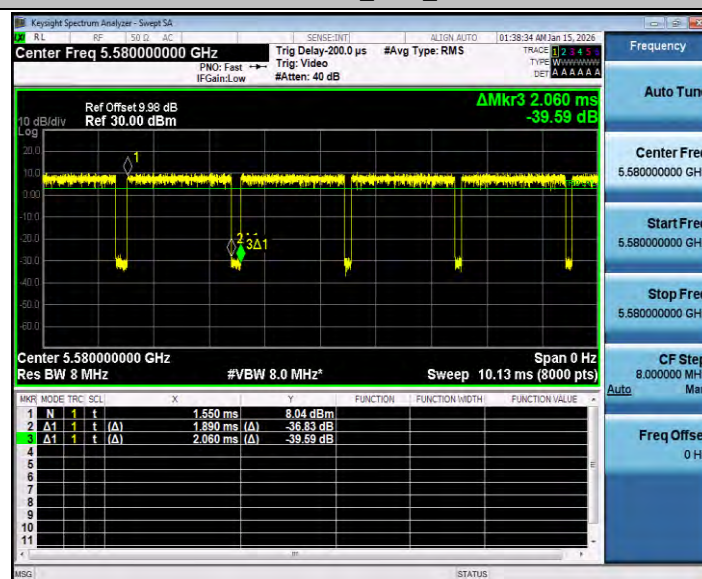




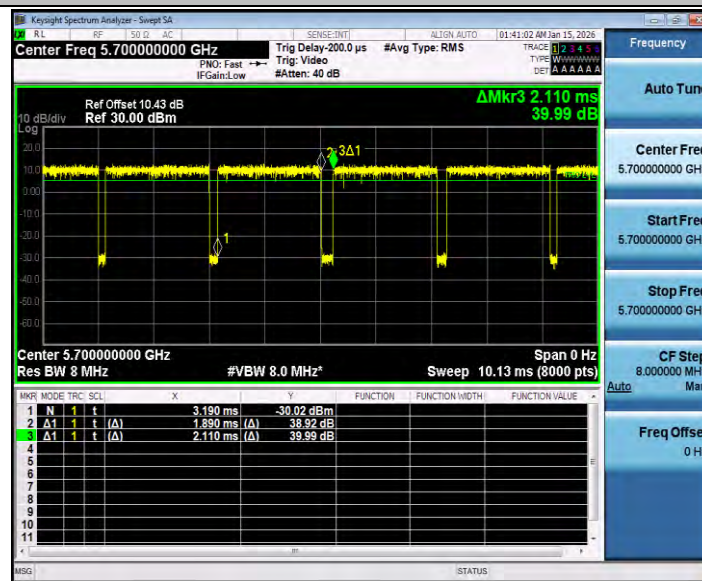
11N20SISO_Ant1_5500



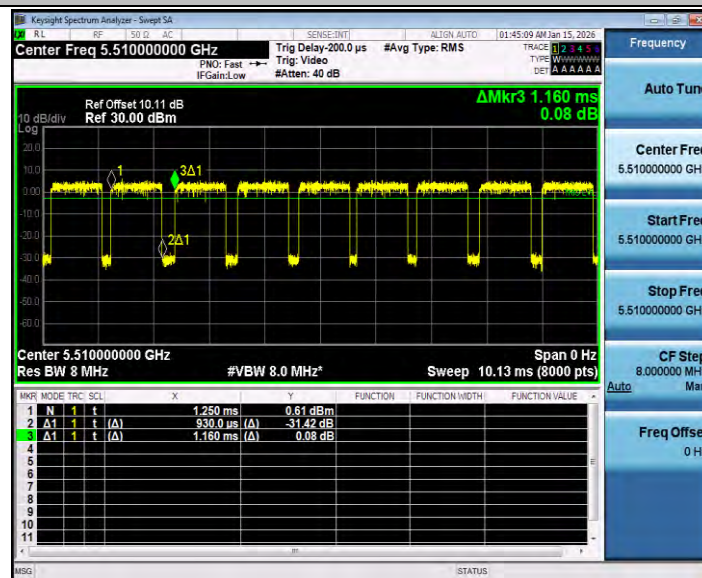
11N20SISO_Ant1_5580



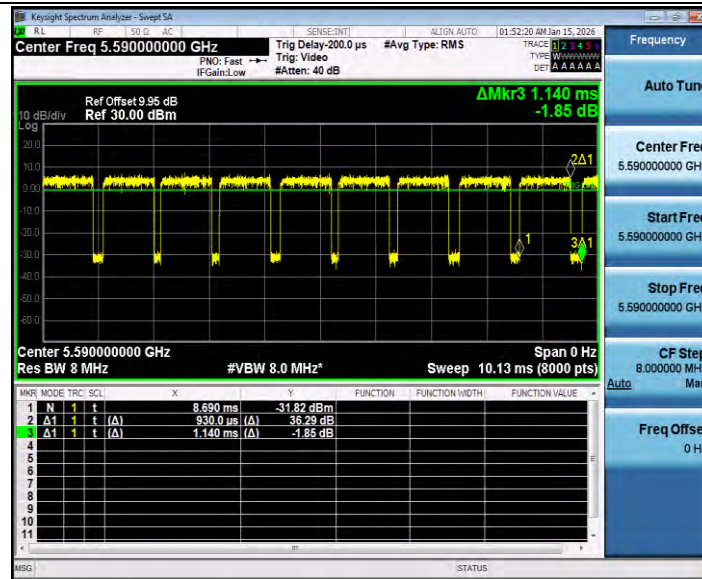
11N20SISO_Ant1_5700



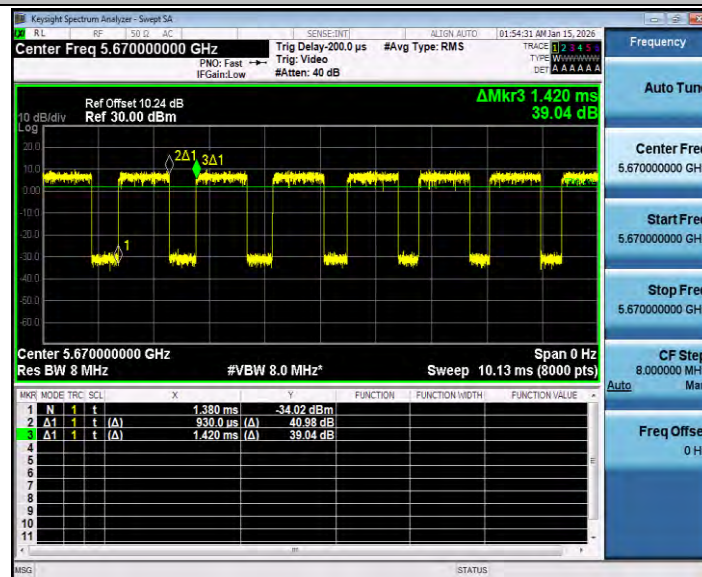
11N40SISO_Ant1_5510



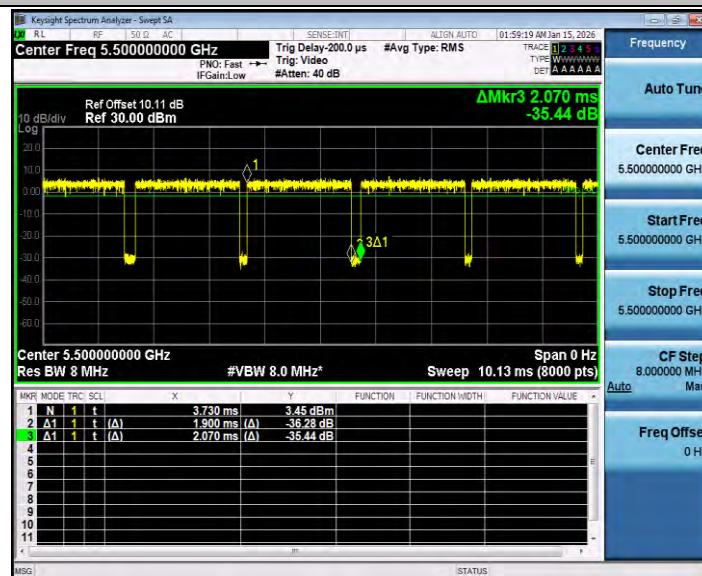
11N40SISO_Ant1_5590



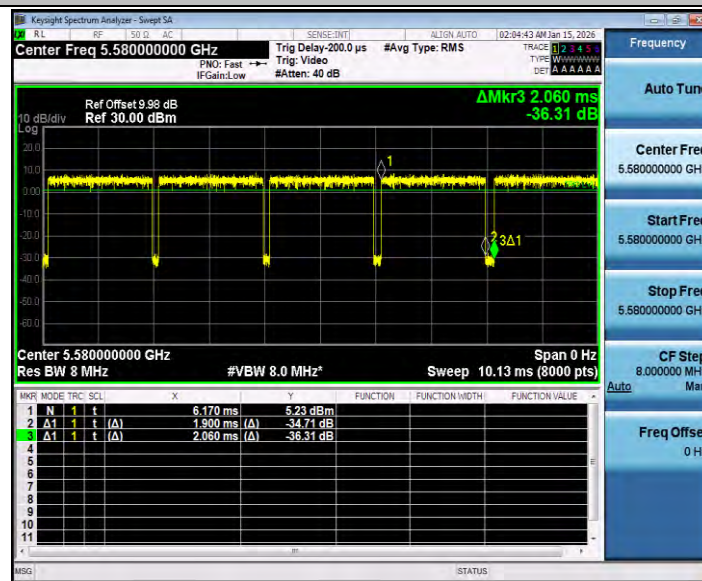
11N40SISO_Ant1_5670



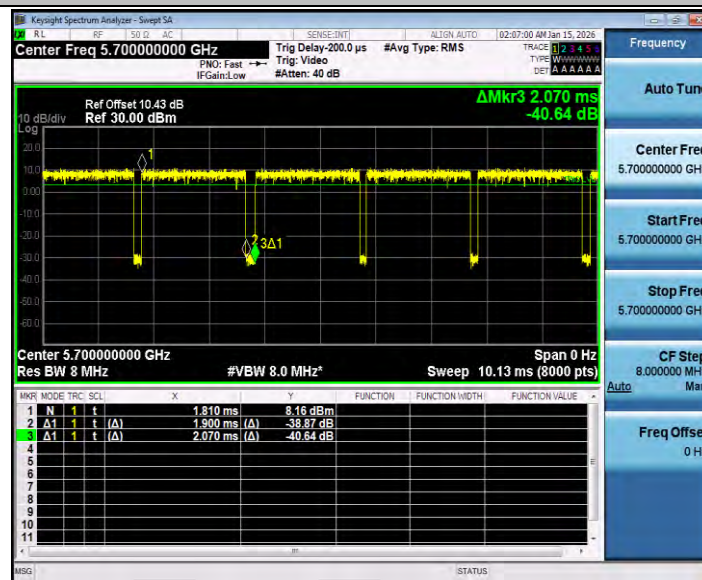
11AC20SISO_Ant1_5500



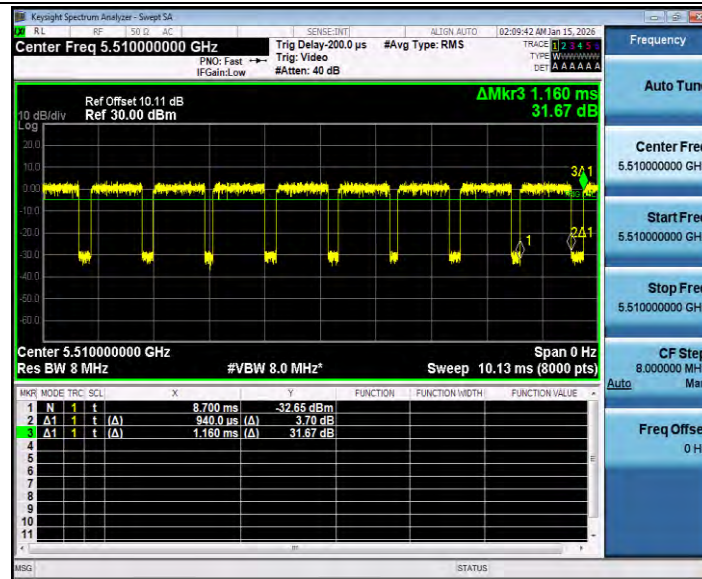
11AC20SISO_Ant1_5580



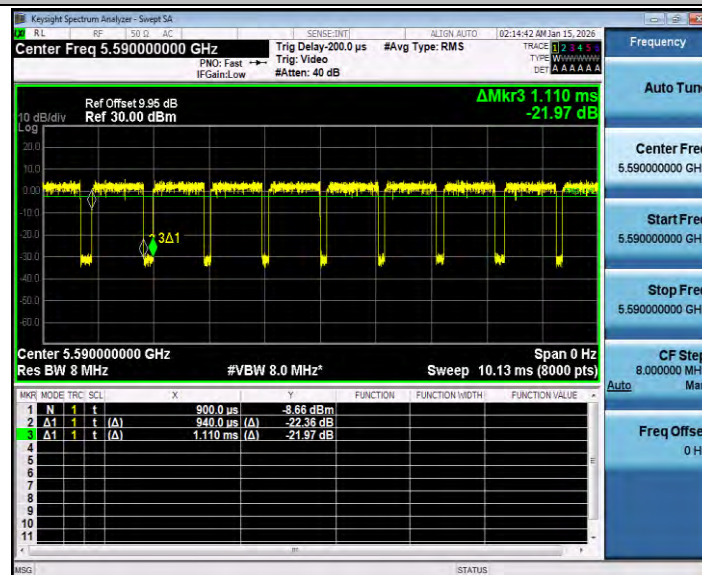
11AC20SISO_Ant1_5700



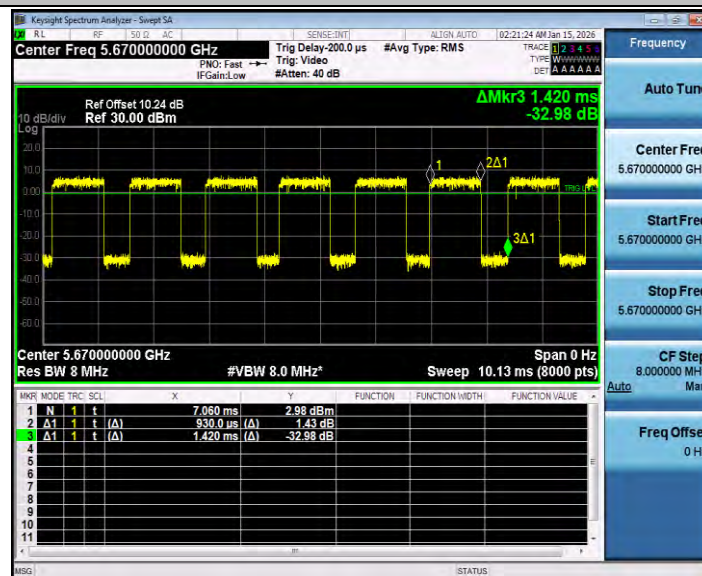
11AC40SISO_Ant1_5510

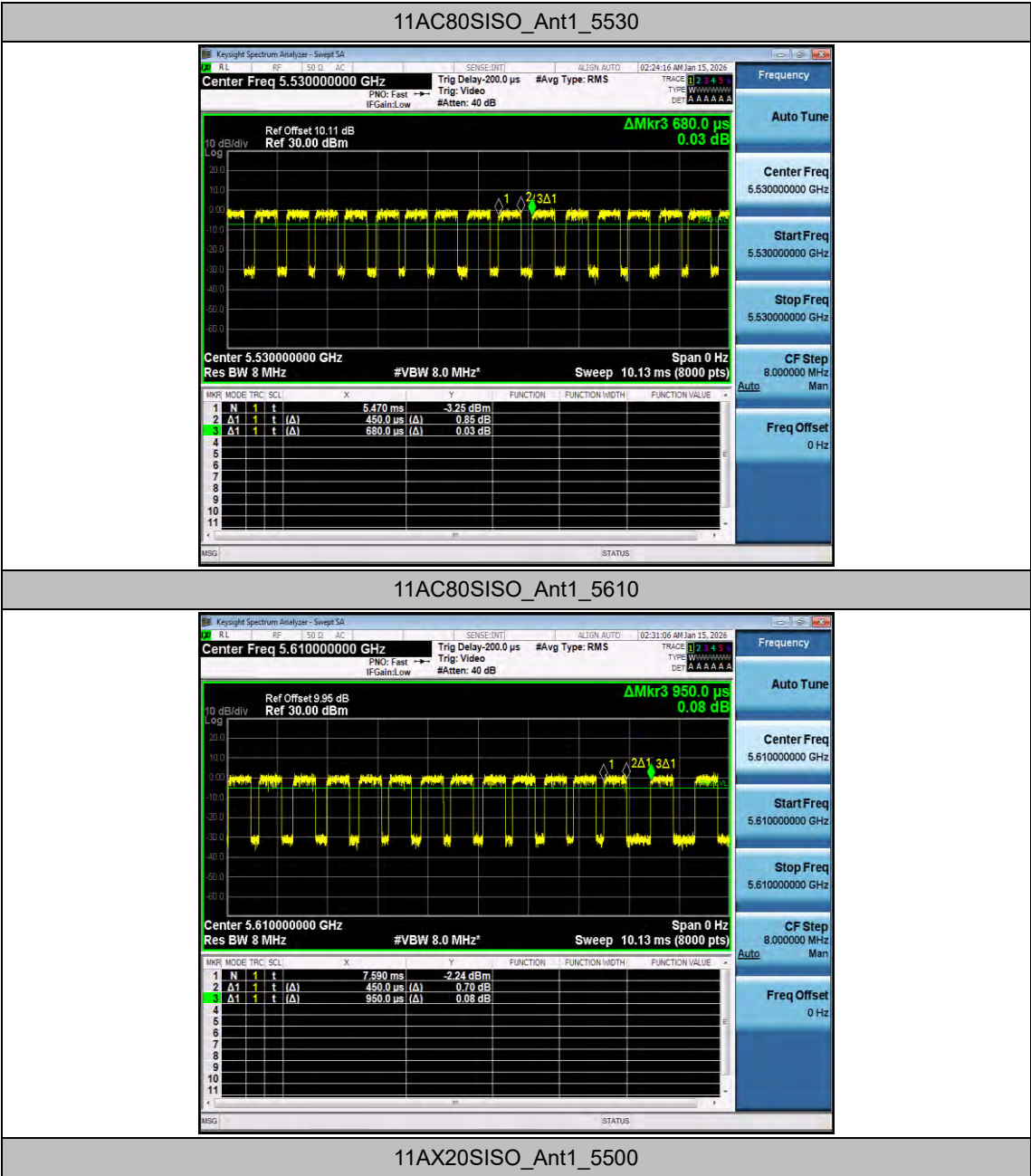


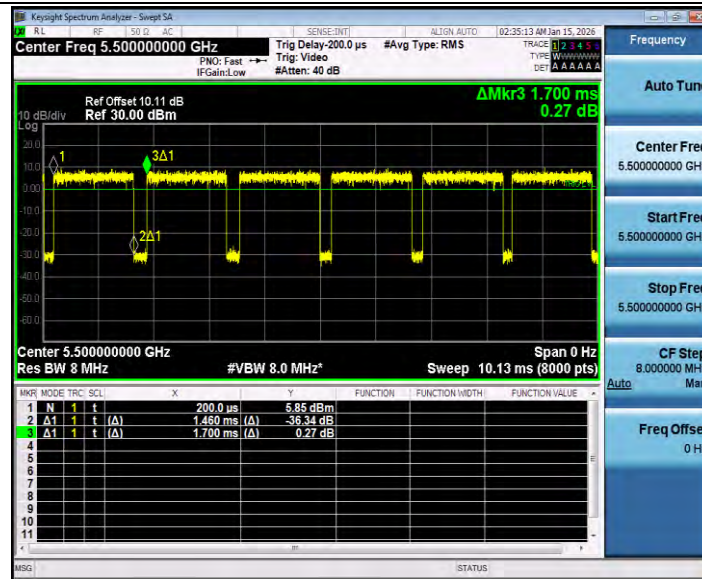
11AC40SISO_Ant1_5590



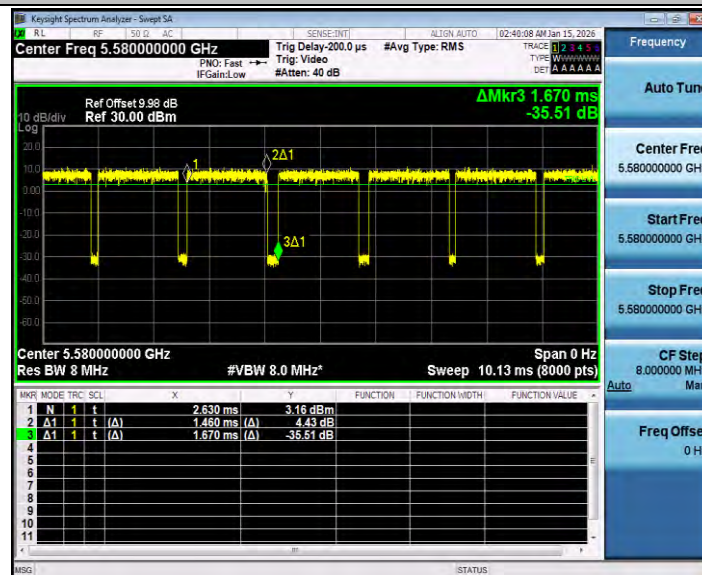
11AC40SISO_Ant1_5670



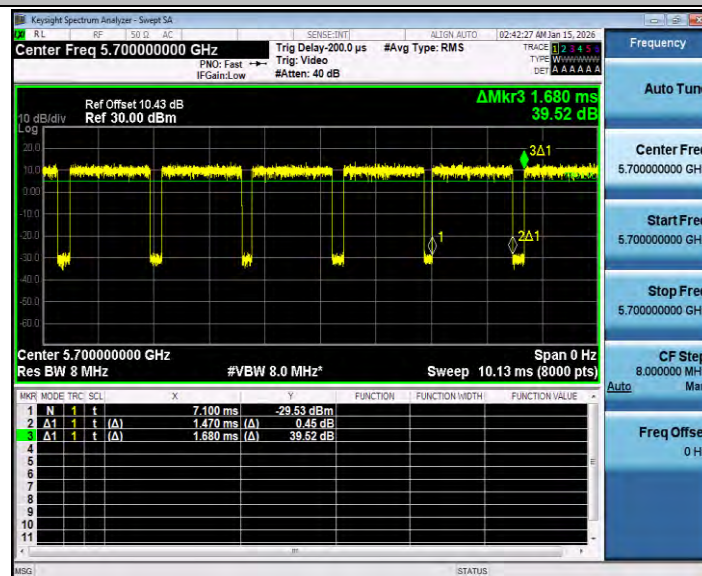


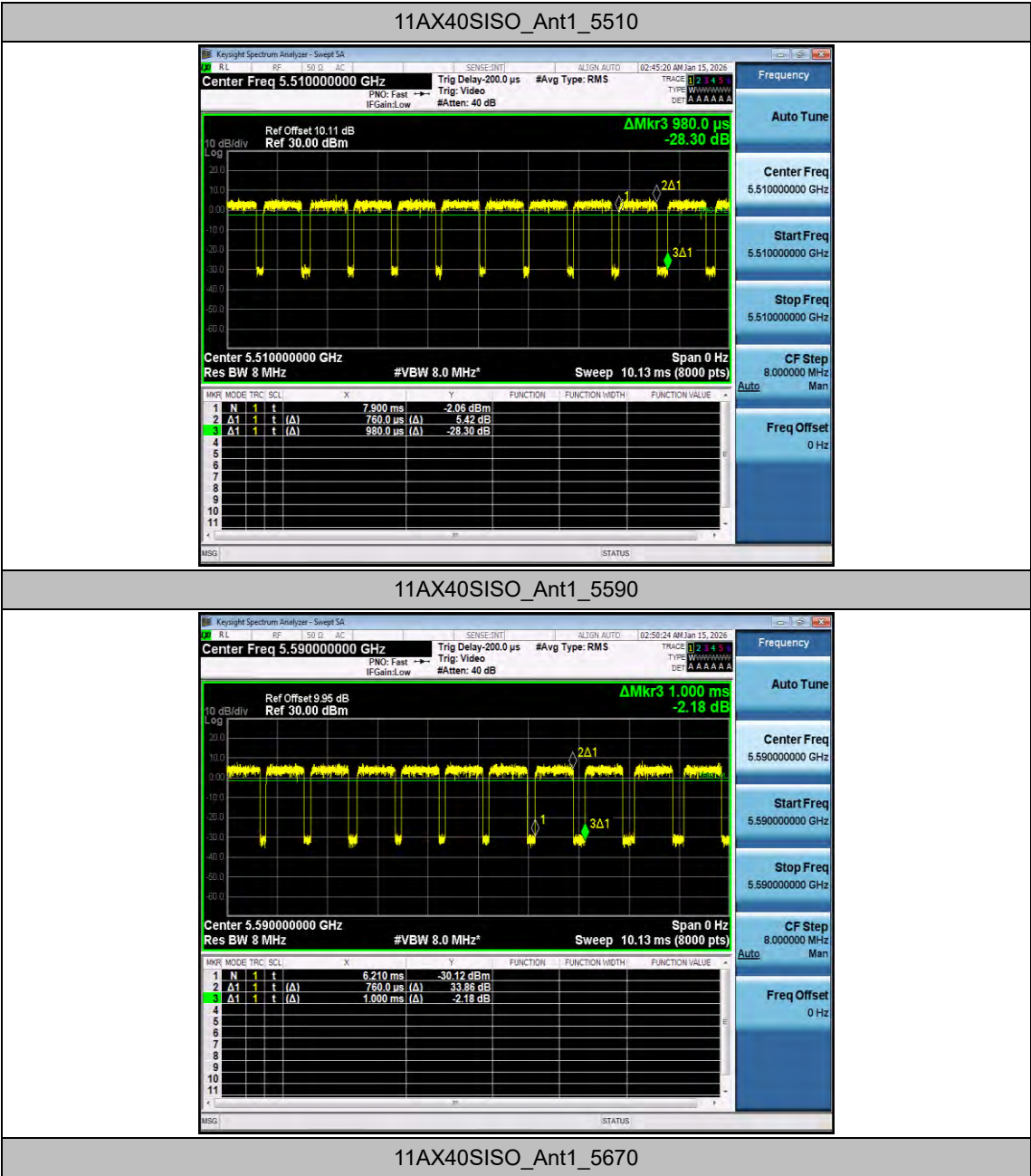


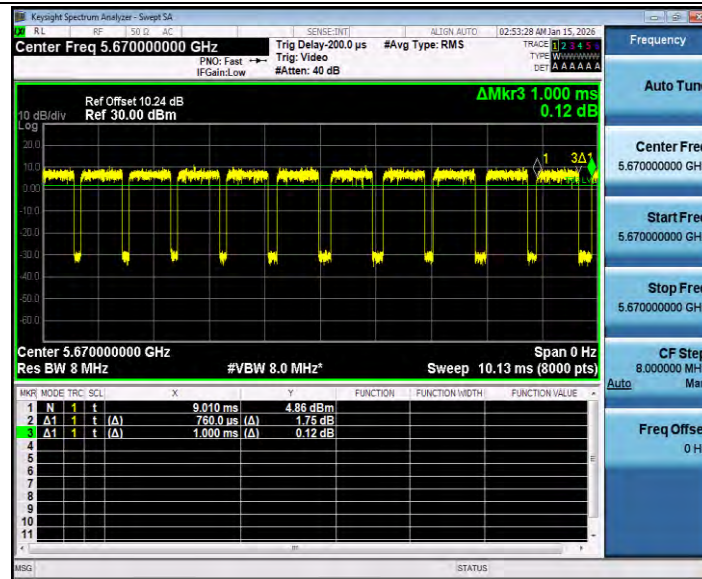
11AX20SISO_Ant1_5580



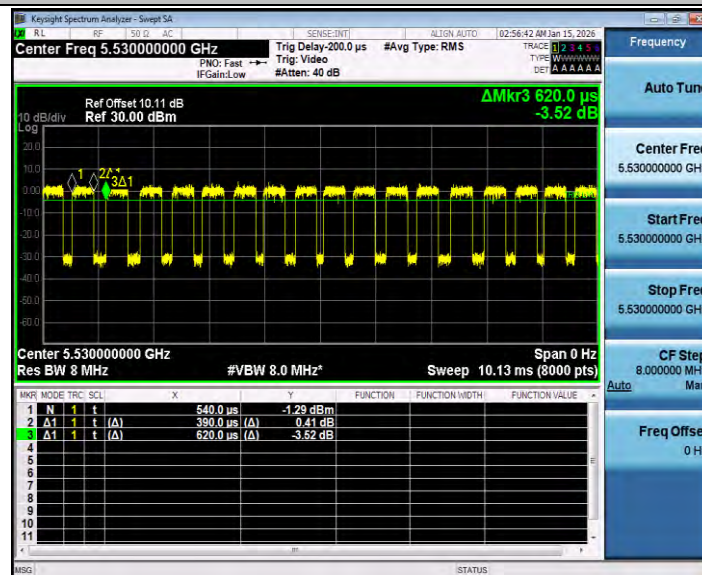
11AX20SISO_Ant1_5700



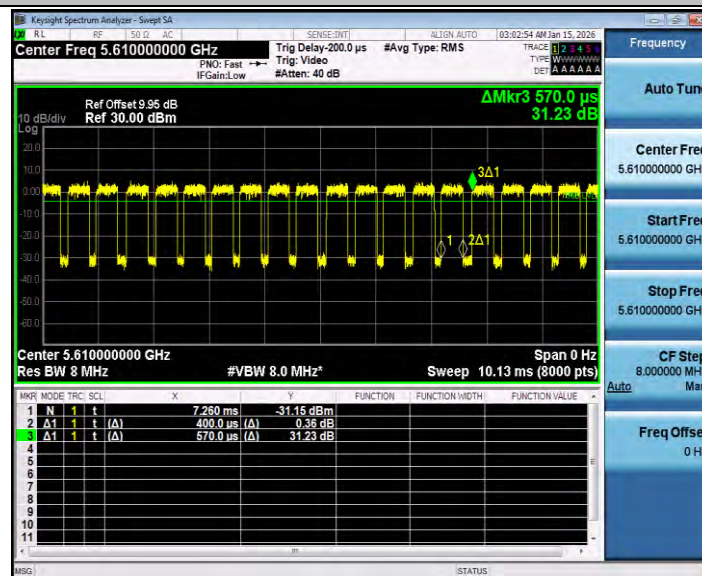




11AX80SISO_Ant1_5530



11AX80SISO_Ant1_5610



Appendix F.4: 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	5500	11.59	89.43	0.49	12.08	≤23.98	PASS
		5580	12.08	91.03	0.41	12.49	≤23.98	PASS
		5700	14.77	92.27	0.35	15.12	≤23.98	PASS
11N20SISO	Ant1	5500	10.08	90.91	0.41	10.49	≤23.98	PASS
		5580	11.57	91.75	0.37	11.94	≤23.98	PASS
		5700	13.87	89.57	0.48	14.35	≤23.98	PASS
11N40SISO	Ant1	5510	9.28	80.17	0.96	10.24	≤23.98	PASS
		5590	10.50	81.58	0.88	11.38	≤23.98	PASS
		5670	13.12	65.49	1.84	14.96	≤23.98	PASS
11AC20SISO	Ant1	5500	7.75	91.79	0.37	8.12	≤23.98	PASS
		5580	9.55	92.23	0.35	9.90	≤23.98	PASS
		5700	12.01	91.79	0.37	12.38	≤23.98	PASS
11AC40SISO	Ant1	5510	7.46	81.03	0.91	8.37	≤23.98	PASS
		5590	8.96	84.68	0.72	9.68	≤23.98	PASS
		5670	11.06	65.49	1.84	12.90	≤23.98	PASS
11AC80SISO	Ant1	5530	5.48	66.18	1.79	7.27	≤23.98	PASS
		5610	8.06	47.37	3.24	11.30	≤23.98	PASS
11AX20SISO	Ant1	5500	9.99	85.88	0.66	10.65	≤23.98	PASS
		5580	11.67	87.43	0.58	12.25	≤23.98	PASS
		5700	13.85	87.50	0.58	14.43	≤23.98	PASS
11AX40SISO	Ant1	5510	8.99	77.55	1.10	10.09	≤23.98	PASS
		5590	10.64	76.00	1.19	11.83	≤23.98	PASS
		5670	11.66	76.00	1.19	12.85	≤23.98	PASS
11AX80SISO	Ant1	5530	7.06	62.90	2.01	9.07	≤23.98	PASS
		5610	10.34	70.18	1.54	11.88	≤23.98	PASS

Appendix F.5: Maximum power spectral density

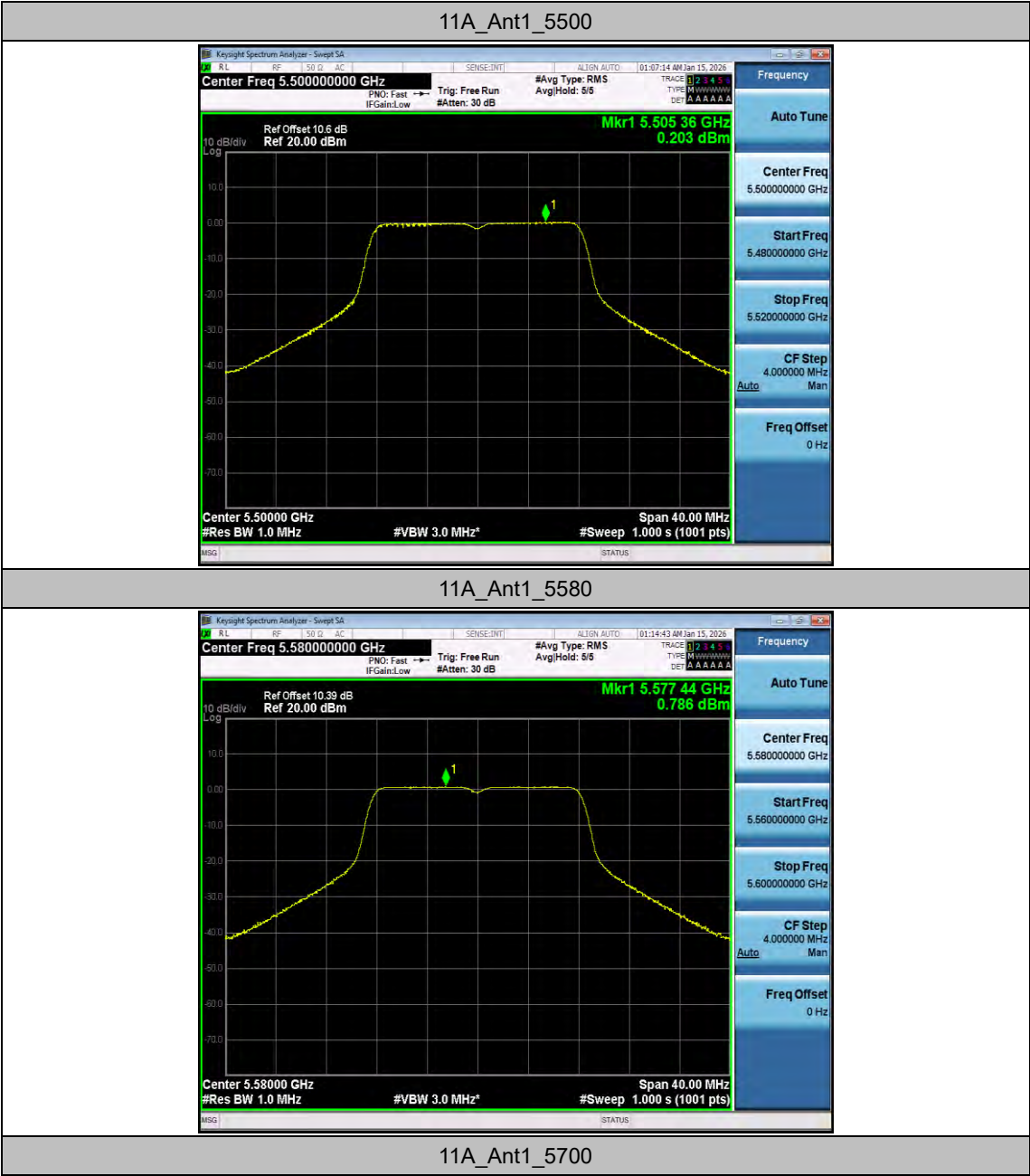
Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5500	0.20	≤11.00	PASS
		5580	0.79	≤11.00	PASS
		5700	3.39	≤11.00	PASS
11N20SISO	Ant1	5500	-1.53	≤11.00	PASS
		5580	-0.22	≤11.00	PASS
		5700	2.22	≤11.00	PASS
11N40SISO	Ant1	5510	-3.68	≤11.00	PASS
		5590	-2.72	≤11.00	PASS
		5670	0.24	≤11.00	PASS
11AC20SISO	Ant1	5500	-3.88	≤11.00	PASS
		5580	-2.27	≤11.00	PASS
		5700	0.19	≤11.00	PASS
11AC40SISO	Ant1	5510	-5.61	≤11.00	PASS
		5590	-4.67	≤11.00	PASS
		5670	-1.73	≤11.00	PASS
11AC80SISO	Ant1	5530	-9.11	≤11.00	PASS
		5610	-4.55	≤11.00	PASS
11AX20SISO	Ant1	5500	-1.68	≤11.00	PASS
		5580	-0.20	≤11.00	PASS
		5700	2.01	≤11.00	PASS
11AX40SISO	Ant1	5510	-3.86	≤11.00	PASS
		5590	-2.84	≤11.00	PASS
		5670	-0.91	≤11.00	PASS
11AX80SISO	Ant1	5530	-6.42	≤11.00	PASS
		5610	-4.89	≤11.00	PASS

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

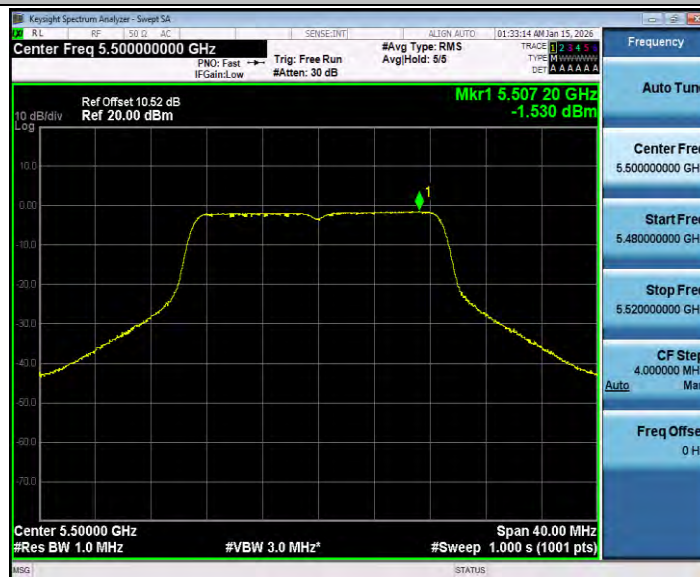
2.The Duty Cycle Factorand RBW Factoriscompensatedinthe graph.

Test Graphs





11N20SISO_Ant1_5500



11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



11N40SISO_Ant1_5510



11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



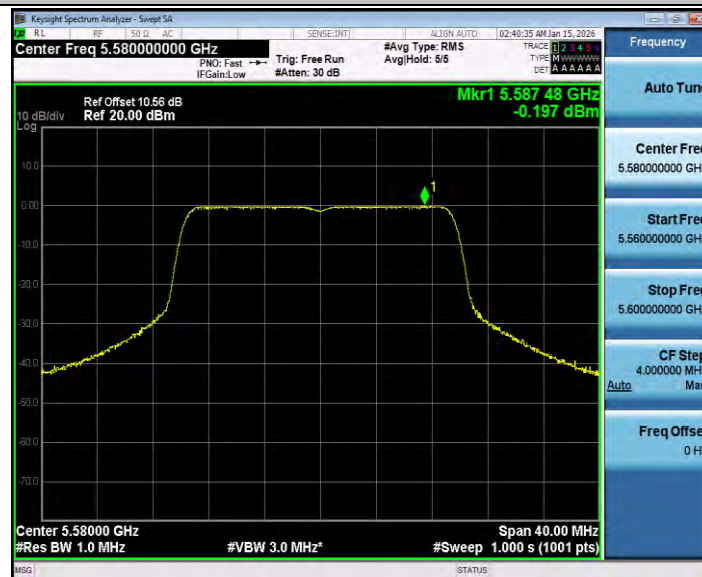
11AC80SISO_Ant1_5610



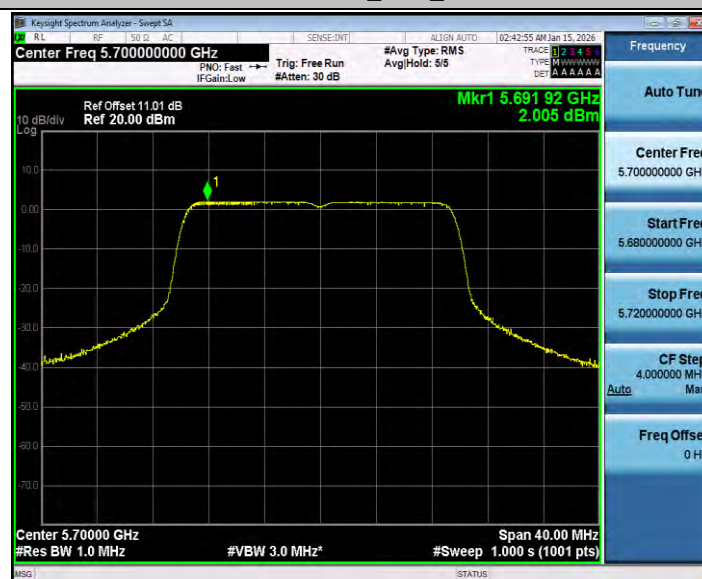
11AX20SISO_Ant1_5500



11AX20SISO_Ant1_5580



11AX20SISO_Ant1_5700



11AX40SISO_Ant1_5510



11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670



11AX80ISO_Ant1_5530



11AX80ISO_Ant1_5610

