

Case No. : <u>GTS20250310021-1-14</u>	
Ambient Condition: <u>21</u> °C, <u>52</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.5.22</u>	Test Engineer: <u>Evan ouyang</u>

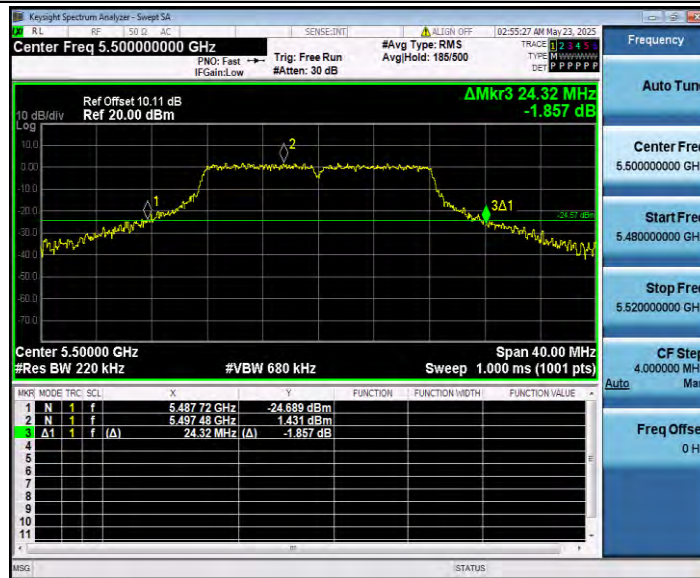
Appendix F.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	24.320	5487.720	5512.040	---	---
		5580	25.560	5566.760	5592.320	---	---
		5700	25.640	5686.520	5712.160	---	---
11N20SISO	Ant1	5500	27.280	5486.160	5513.440	---	---
		5580	26.200	5566.640	5592.840	---	---
		5700	27.560	5686.120	5713.680	---	---
11N40SISO	Ant1	5510	48.080	5485.920	5534.000	---	---
		5590	46.320	5566.800	5613.120	---	---
		5670	46.880	5647.040	5693.920	---	---
11AC20SISO	Ant1	5500	26.240	5486.760	5513.000	---	---
		5580	25.480	5567.000	5592.480	---	---
		5700	27.000	5686.800	5713.800	---	---
11AC40SISO	Ant1	5510	47.040	5487.040	5534.080	---	---
		5590	46.320	5566.720	5613.040	---	---
		5670	46.960	5646.160	5693.120	---	---
11AC80SISO	Ant1	5530	101.440	5475.120	5576.560	---	---
		5610	105.120	5554.640	5659.760	---	---
11AX20SISO	Ant1	5500	26.040	5486.920	5512.960	---	---
		5580	25.600	5567.160	5592.760	---	---
		5700	27.960	5686.280	5714.240	---	---
11AX40SISO	Ant1	5510	44.800	5487.520	5532.320	---	---
		5590	45.600	5567.040	5612.640	---	---
		5670	45.360	5647.520	5692.880	---	---
11AX80SISO	Ant1	5530	88.640	5486.000	5574.640	---	---
		5610	86.880	5566.800	5653.680	---	---

Test Graphs

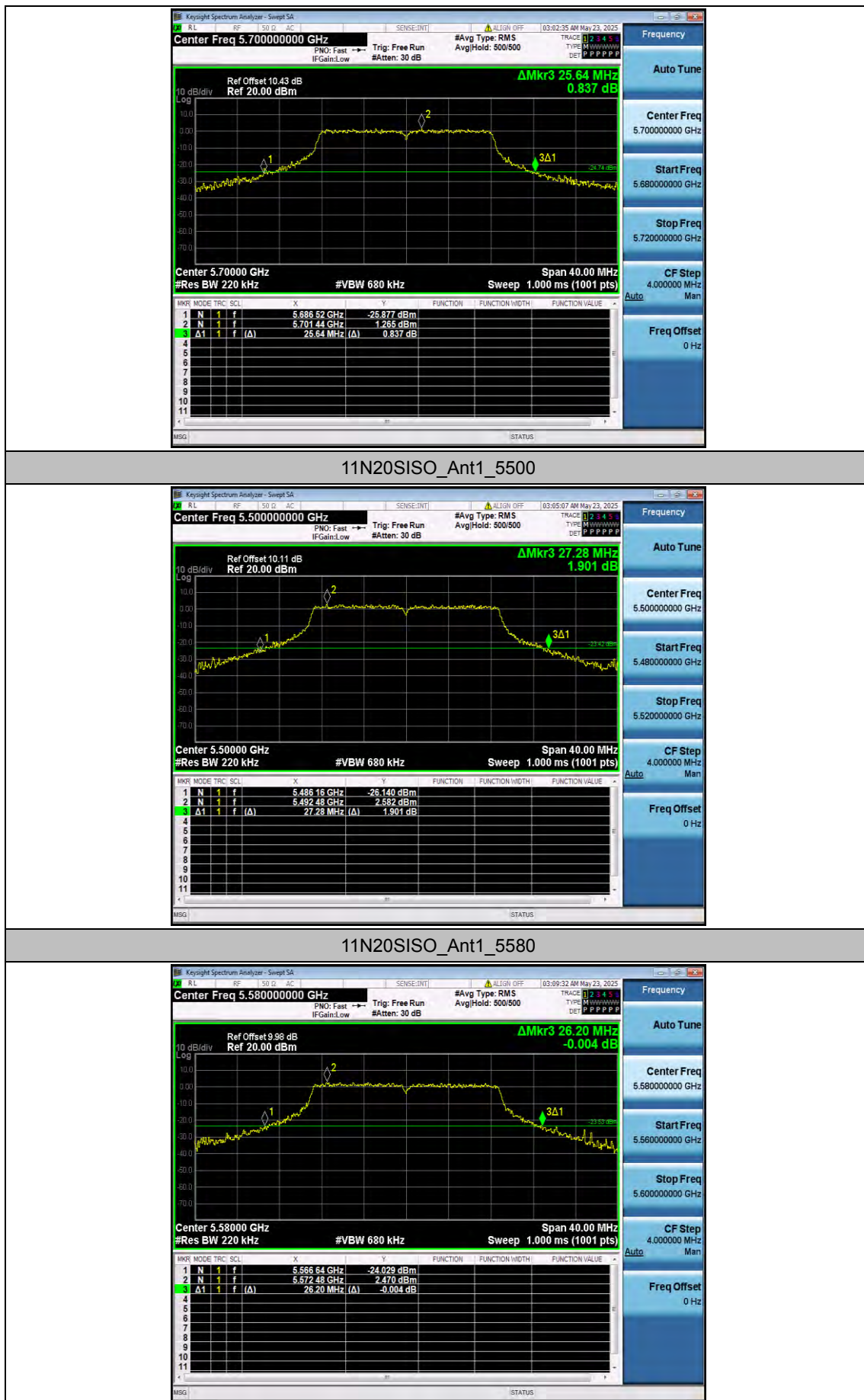
11A_Ant1_5500



11A_Ant1_5580



11A_Ant1_5700



11N20SISO_Ant1_5700



11N40SISO_Ant1_5510



11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700



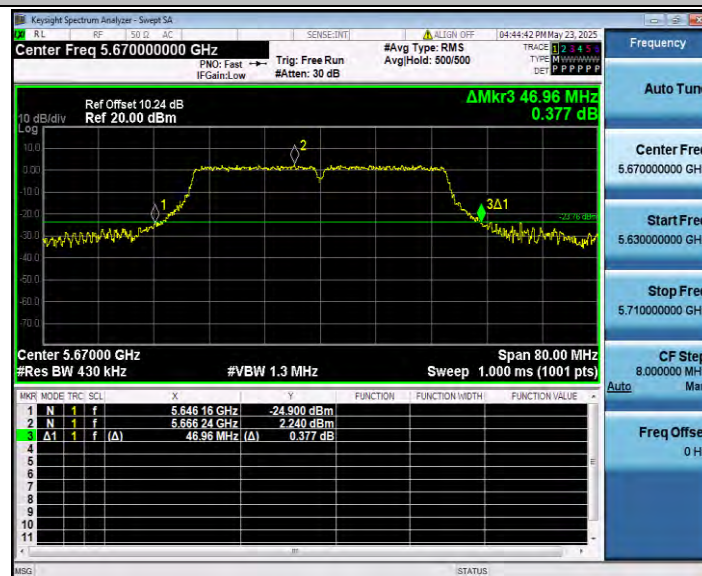
11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



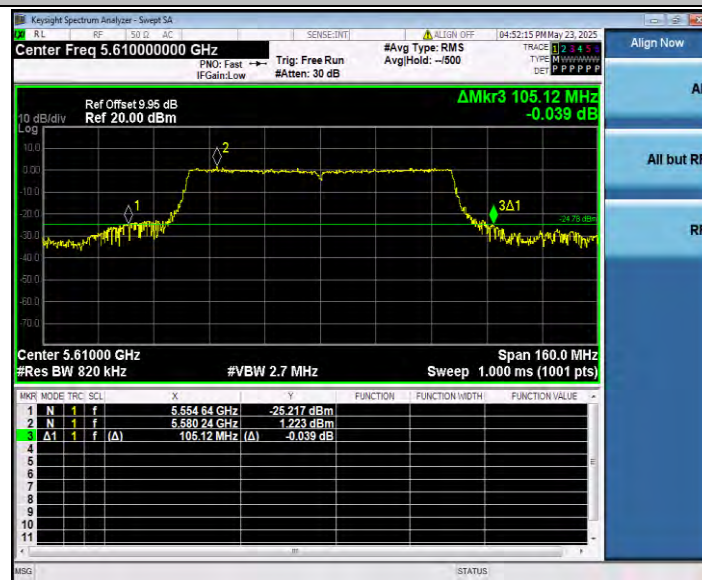
11AC40SISO_Ant1_5670



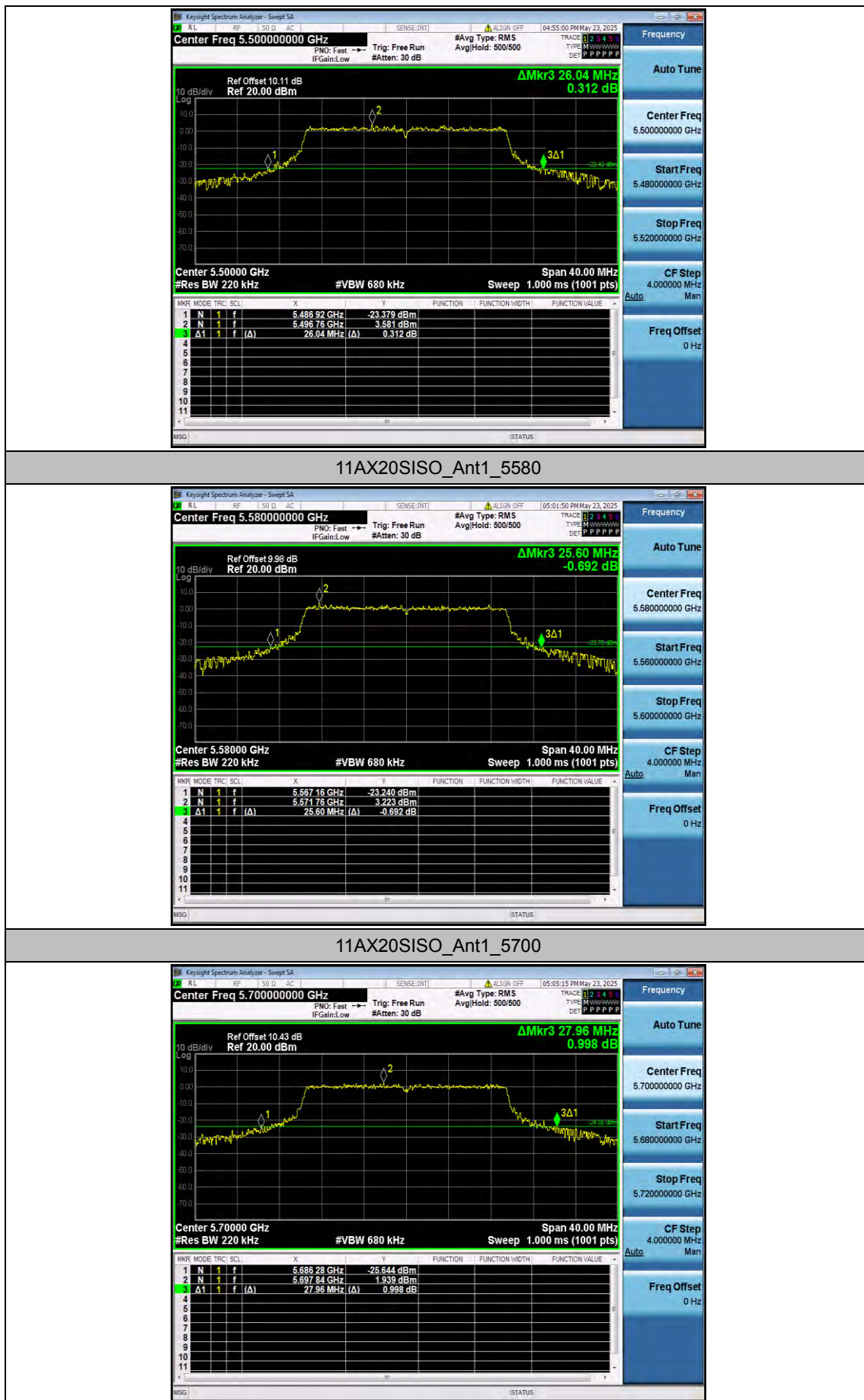
11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



11AX20SISO_Ant1_5500



11AX40SISO_Ant1_5510



11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



11AX80SISO_Ant1_5610



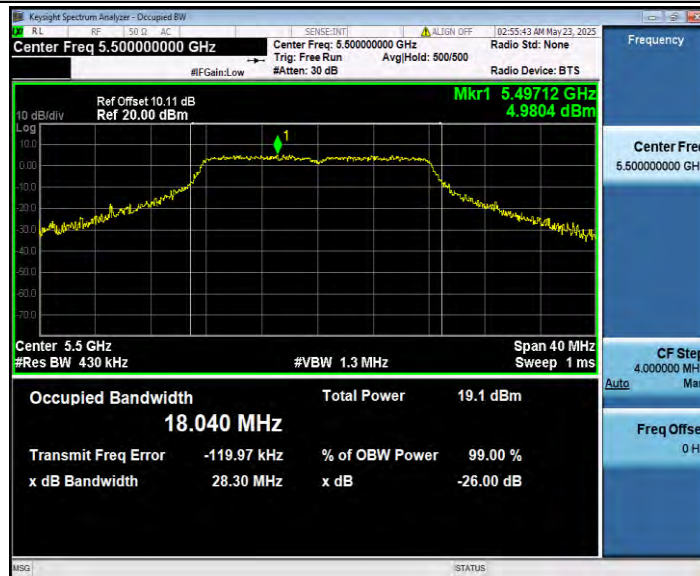
Appendix F.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	18.040	5490.8600	5508.9000	---	---
		5580	17.989	5570.8102	5588.7992	---	---
		5700	18.113	5690.7941	5708.9071	---	---
11N20SISO	Ant1	5500	19.056	5490.4110	5509.4670	---	---
		5580	18.971	5570.4091	5589.3801	---	---
		5700	19.086	5690.4007	5709.4867	---	---
11N40SISO	Ant1	5510	37.678	5491.1225	5528.8005	---	---
		5590	37.560	5571.0683	5608.6283	---	---
		5670	37.473	5651.2566	5688.7296	---	---
11AC20SISO	Ant1	5500	19.020	5490.4185	5509.4385	---	---
		5580	18.970	5570.3979	5589.3679	---	---
		5700	19.014	5690.4352	5709.4492	---	---
11AC40SISO	Ant1	5510	37.692	5491.0771	5528.7691	---	---
		5590	37.743	5570.9858	5608.7288	---	---
		5670	37.510	5651.2086	5688.7186	---	---
11AC80SISO	Ant1	5530	77.568	5491.2511	5568.8191	---	---
		5610	77.460	5571.2828	5648.7428	---	---
11AX20SISO	Ant1	5500	19.764	5490.0626	5509.8266	---	---
		5580	19.649	5570.1099	5589.7589	---	---
		5700	19.667	5690.1641	5709.8311	---	---
11AX40SISO	Ant1	5510	38.781	5490.5813	5529.3623	---	---
		5590	38.604	5570.6616	5609.2656	---	---
		5670	38.493	5650.7305	5689.2235	---	---
11AX80SISO	Ant1	5530	78.191	5490.8727	5569.0637	---	---
		5610	78.345	5570.9344	5649.2794	---	---

Test Graphs

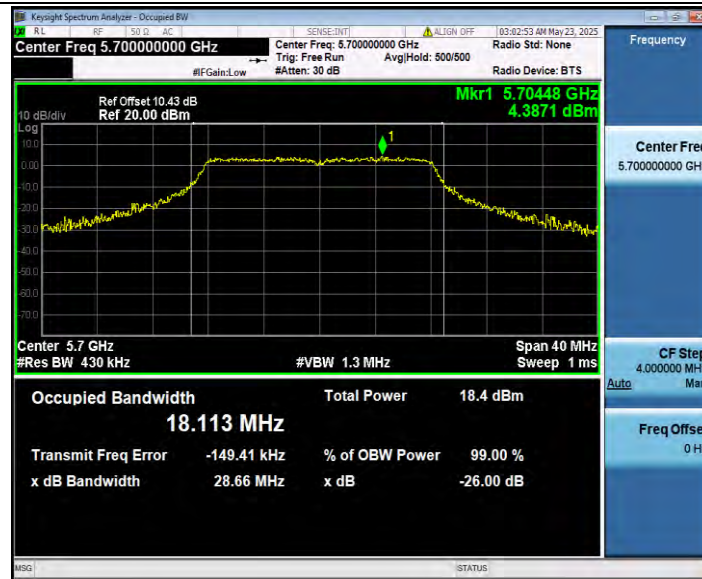
11A_Ant1_5500



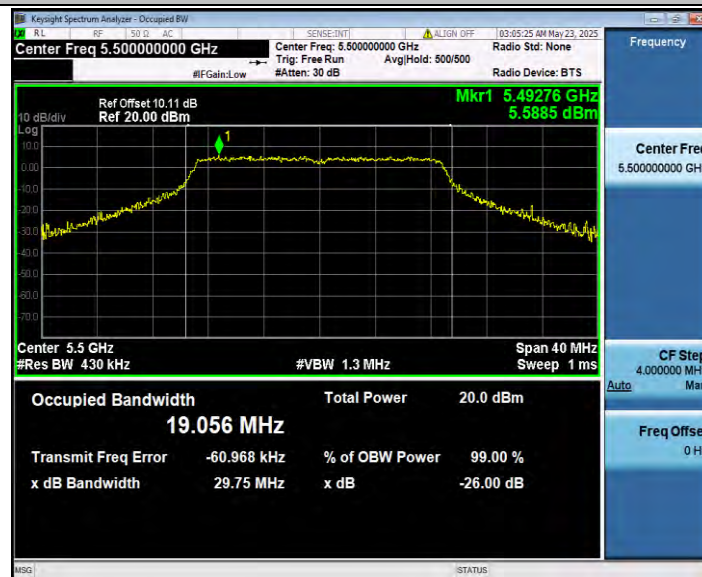
11A_Ant1_5580



11A_Ant1_5700



11N20SISO_Ant1_5500



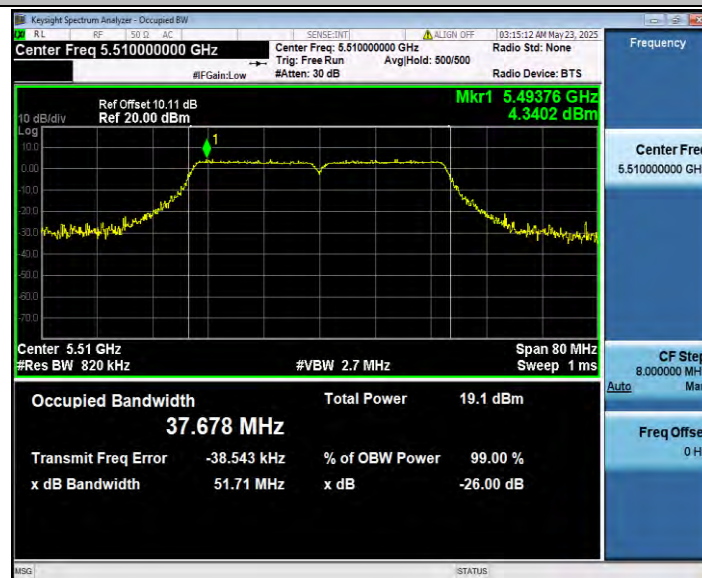
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11N20SISO_Ant1_5700



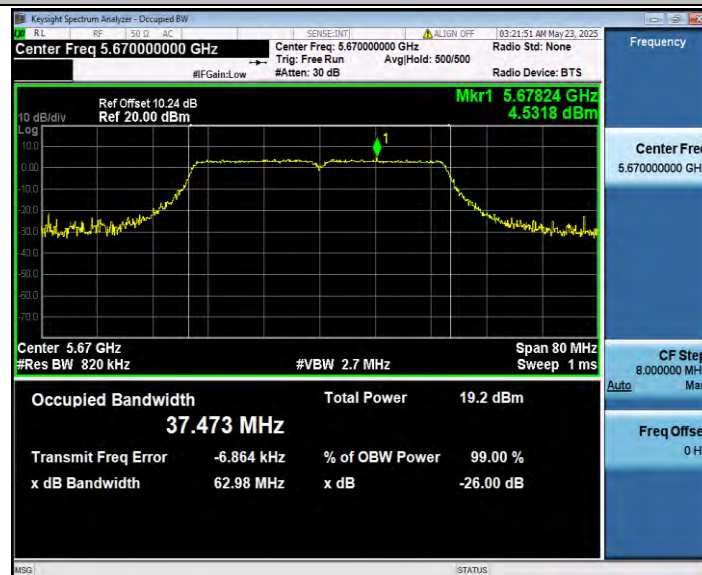
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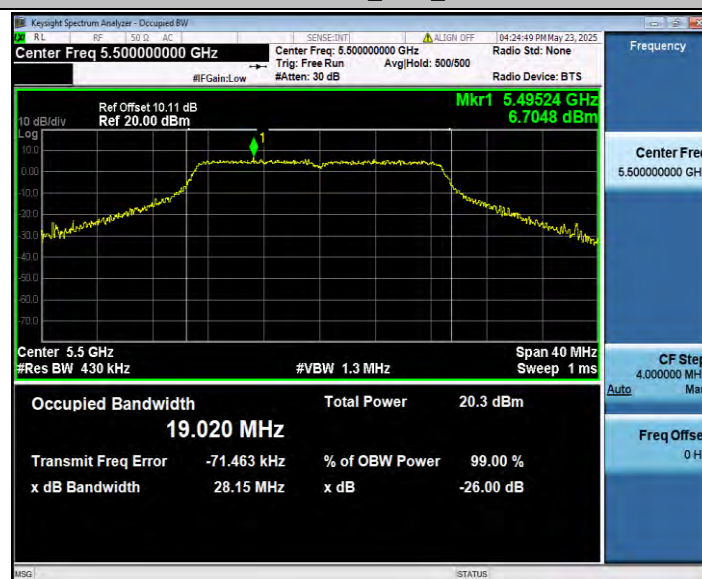
11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



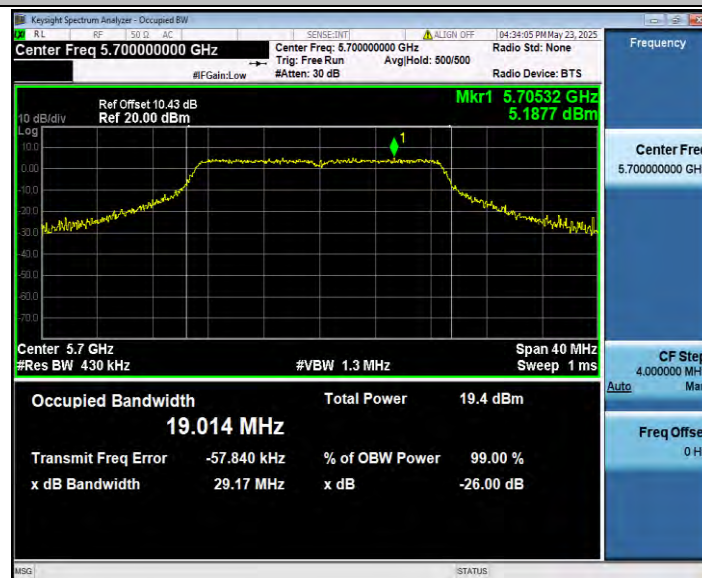
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11AC20SISO_Ant1_5580



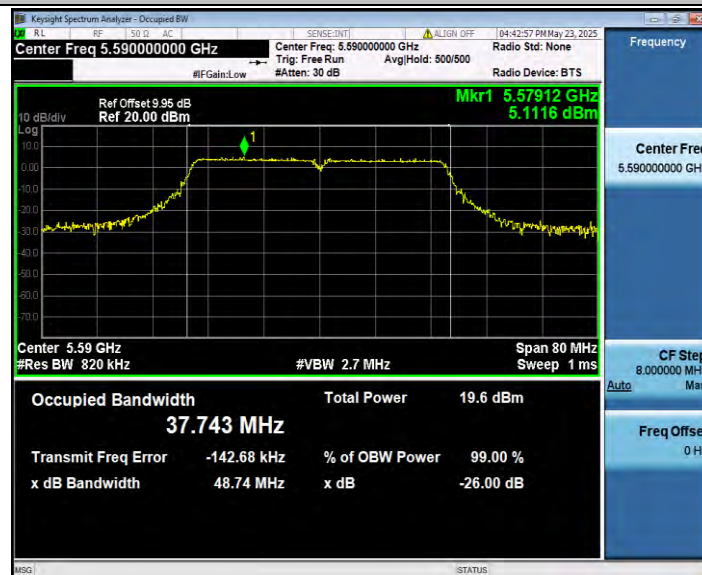
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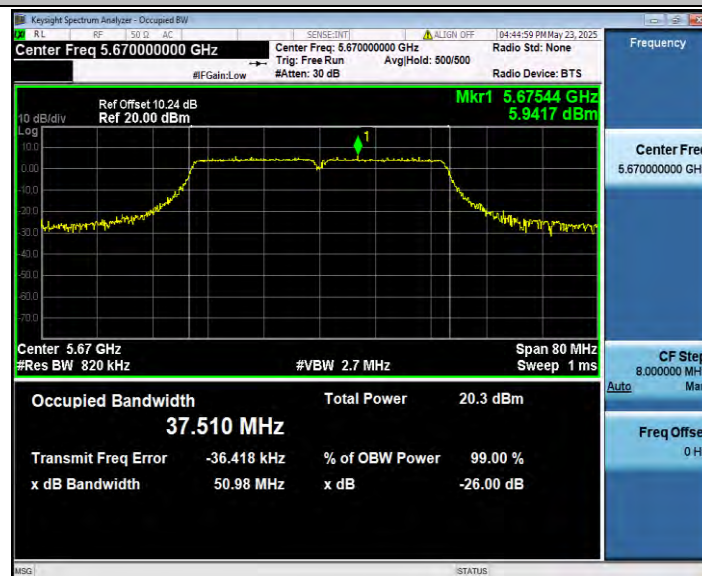
11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



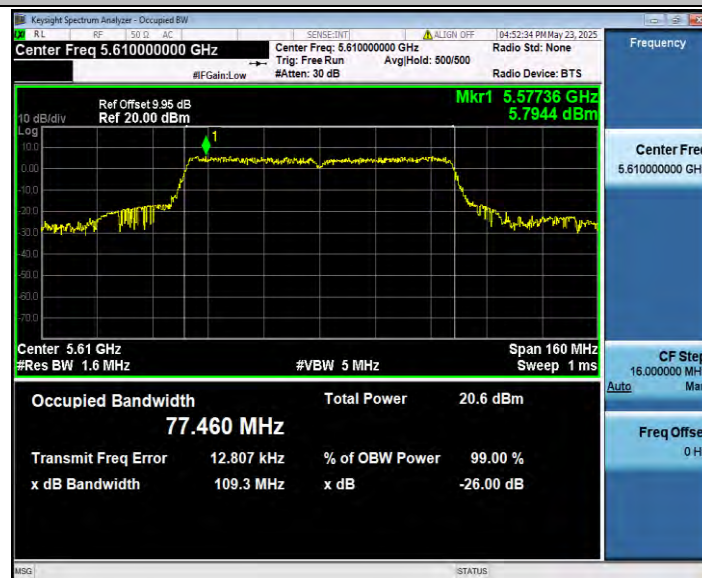
11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



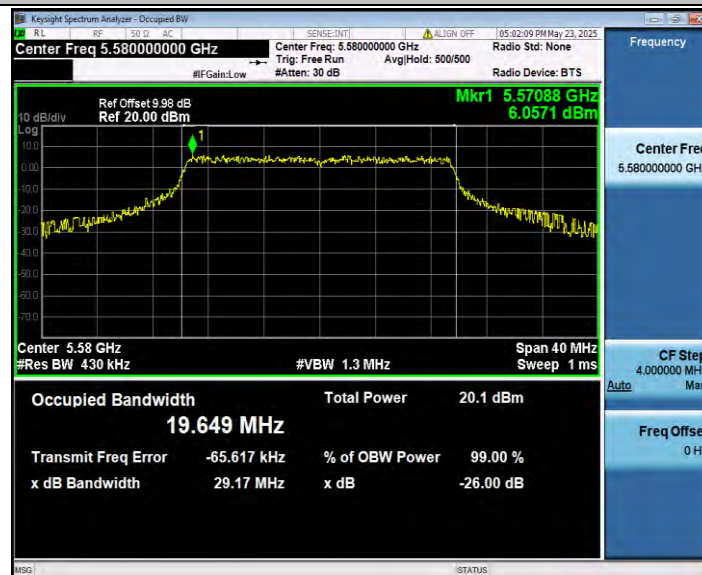
11AC80SISO_Ant1_5610



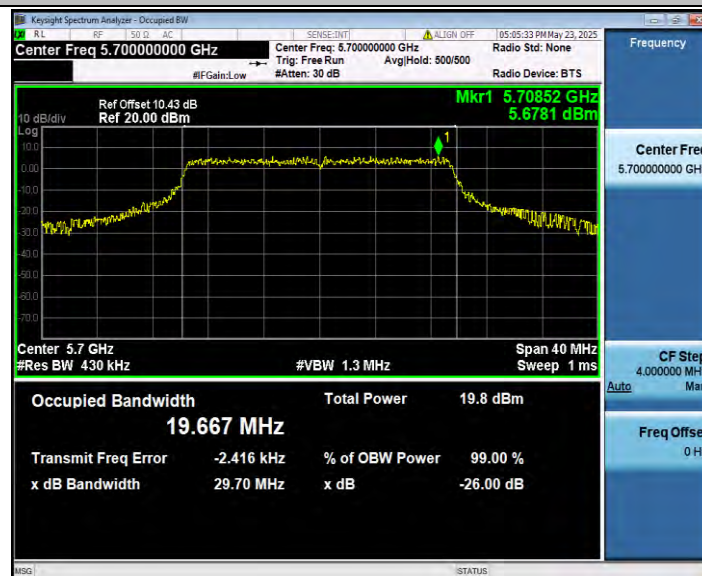
11AX20SISO_Ant1_5500



11AX20ISO_Ant1_5580



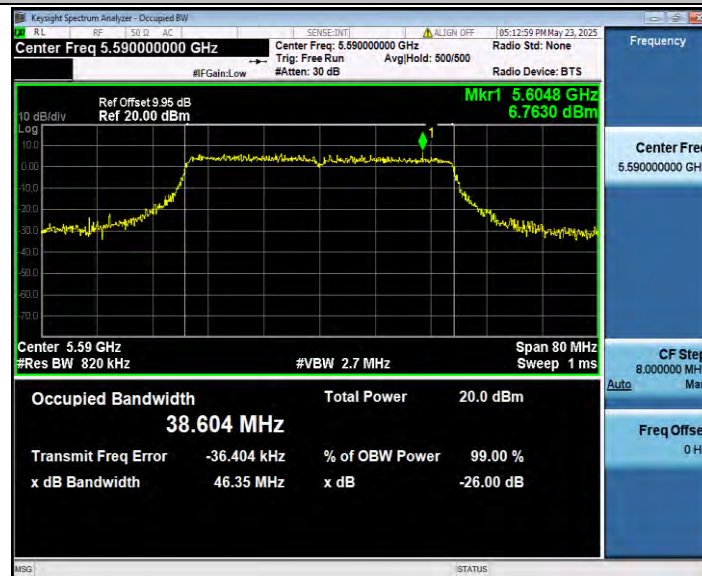
11AX20ISO_Ant1_5700



11AX40SISO_Ant1_5510



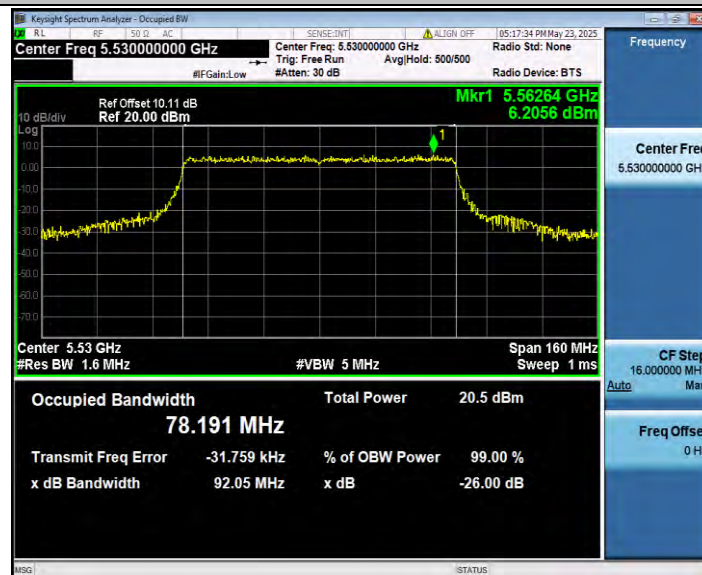
11AX40SISO_Ant1_5590



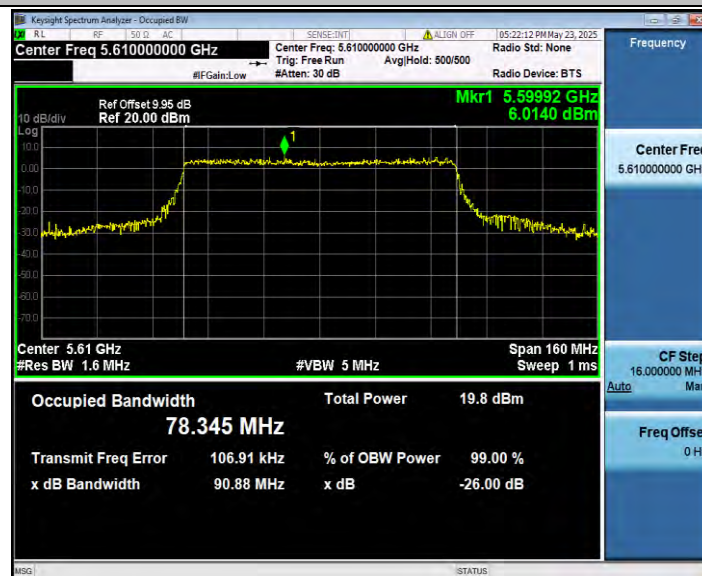
11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



11AX80SISO_Ant1_5610



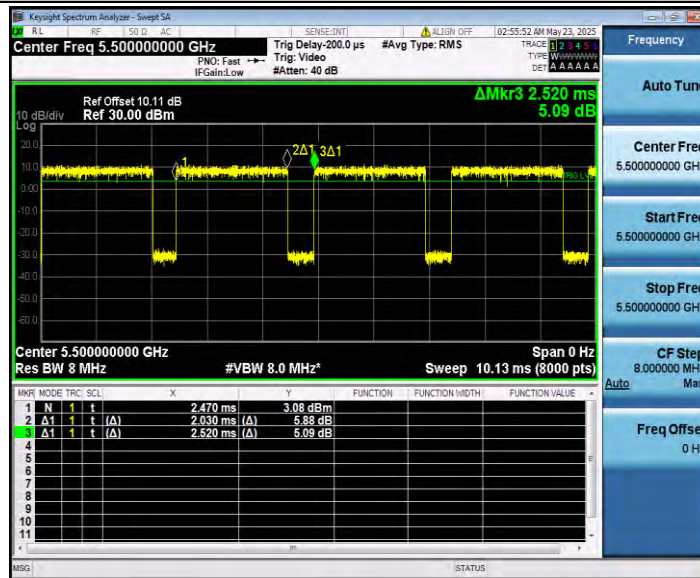
Appendix F.3: Duty Cycle

Test Result

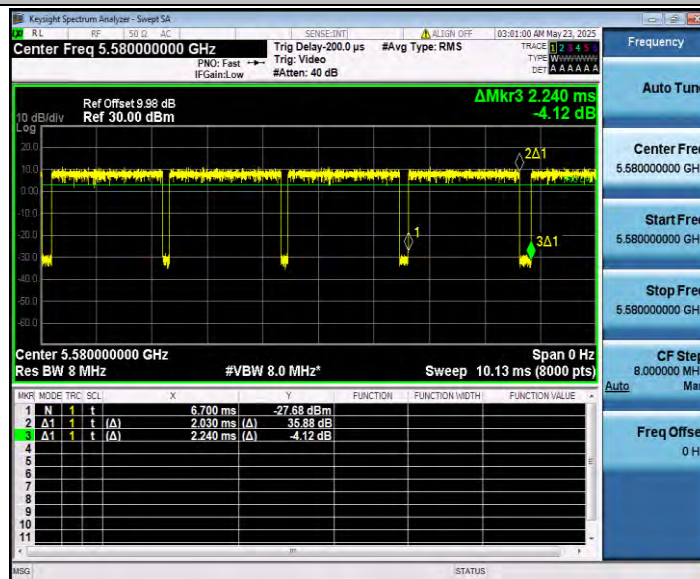
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5500	2.03	2.52	80.56	0.94	0.49
		5580	2.03	2.24	90.63	0.43	0.49
		5700	2.04	2.27	89.87	0.46	0.49
11N20SISO	Ant1	5500	1.89	2.39	79.08	1.02	0.53
		5580	1.89	2.32	81.47	0.89	0.53
		5700	1.89	2.11	89.57	0.48	0.53
11N40SISO	Ant1	5510	0.93	1.15	80.87	0.92	1.08
		5590	0.93	1.15	80.87	0.92	1.08
		5670	0.94	1.15	81.74	0.88	1.06
11AC20SISO	Ant1	5500	1.90	2.37	80.17	0.96	0.53
		5580	1.90	2.13	89.20	0.50	0.53
		5700	1.90	2.07	91.79	0.37	0.53
11AC40SISO	Ant1	5510	0.93	1.15	80.87	0.92	1.08
		5590	0.94	1.15	81.74	0.88	1.06
		5670	0.94	1.43	65.73	1.82	1.06
11AC80SISO	Ant1	5530	0.46	0.94	48.94	3.10	2.17
		5610	0.46	0.68	67.65	1.70	2.17
11AX20SISO	Ant1	5500	1.46	1.70	85.88	0.66	0.68
		5580	1.46	1.69	86.39	0.64	0.68
		5700	1.46	1.68	86.90	0.61	0.68
11AX40SISO	Ant1	5510	0.76	0.93	81.72	0.88	1.32
		5590	0.76	1.22	62.30	2.06	1.32
		5670	0.77	0.94	81.91	0.87	1.30
11AX80SISO	Ant1	5530	0.39	0.63	61.90	2.08	2.56
		5610	0.39	0.62	62.90	2.01	2.56

Test Graphs

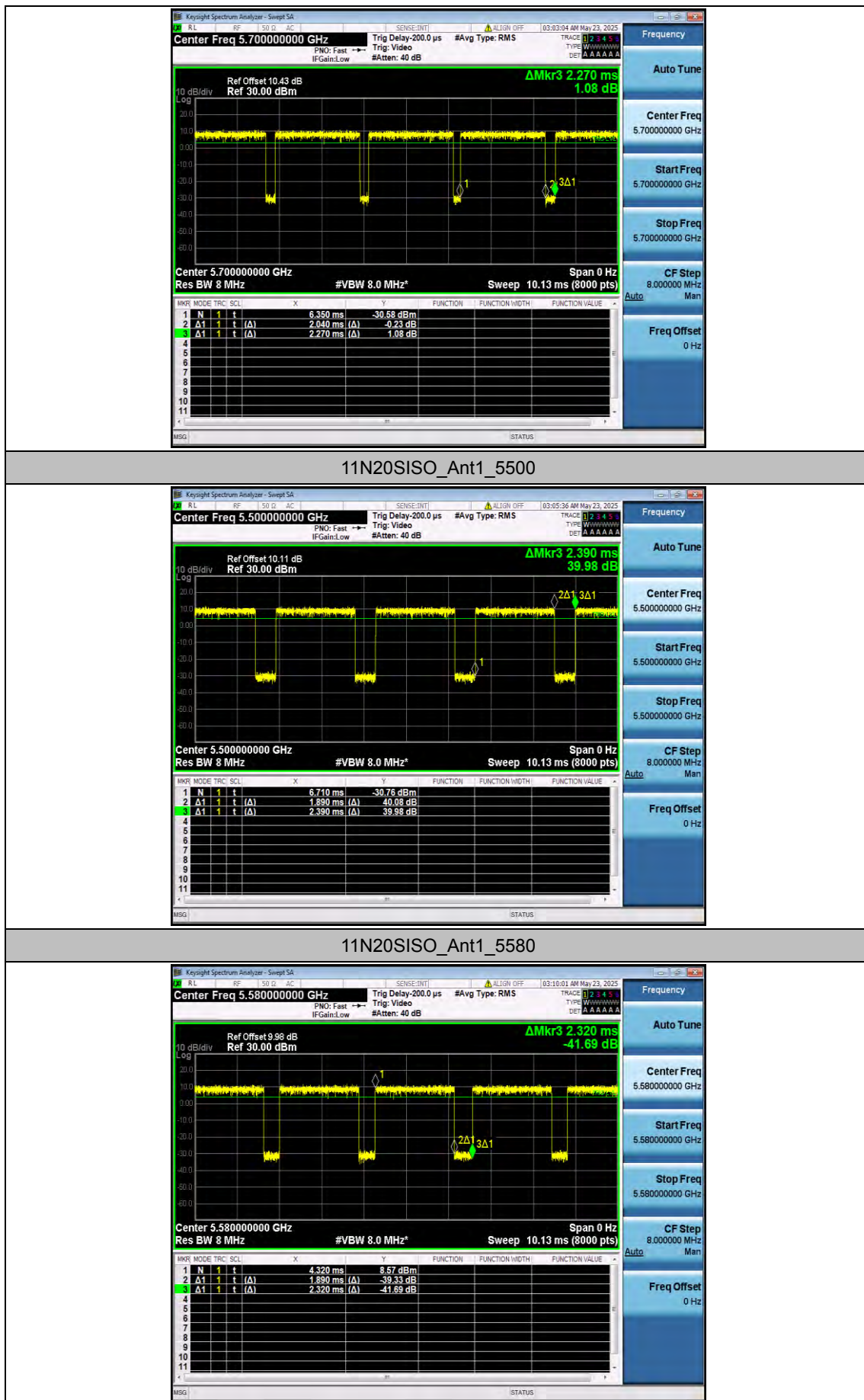
11A_Ant1_5500



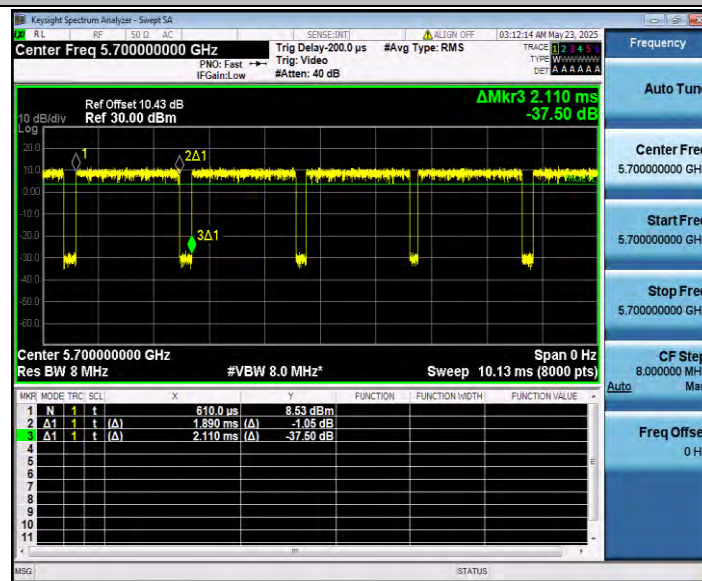
11A_Ant1_5580



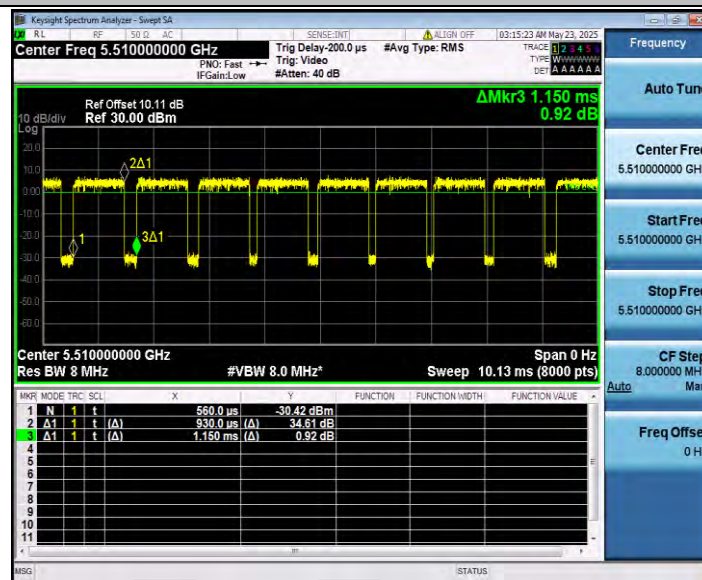
11A_Ant1_5700



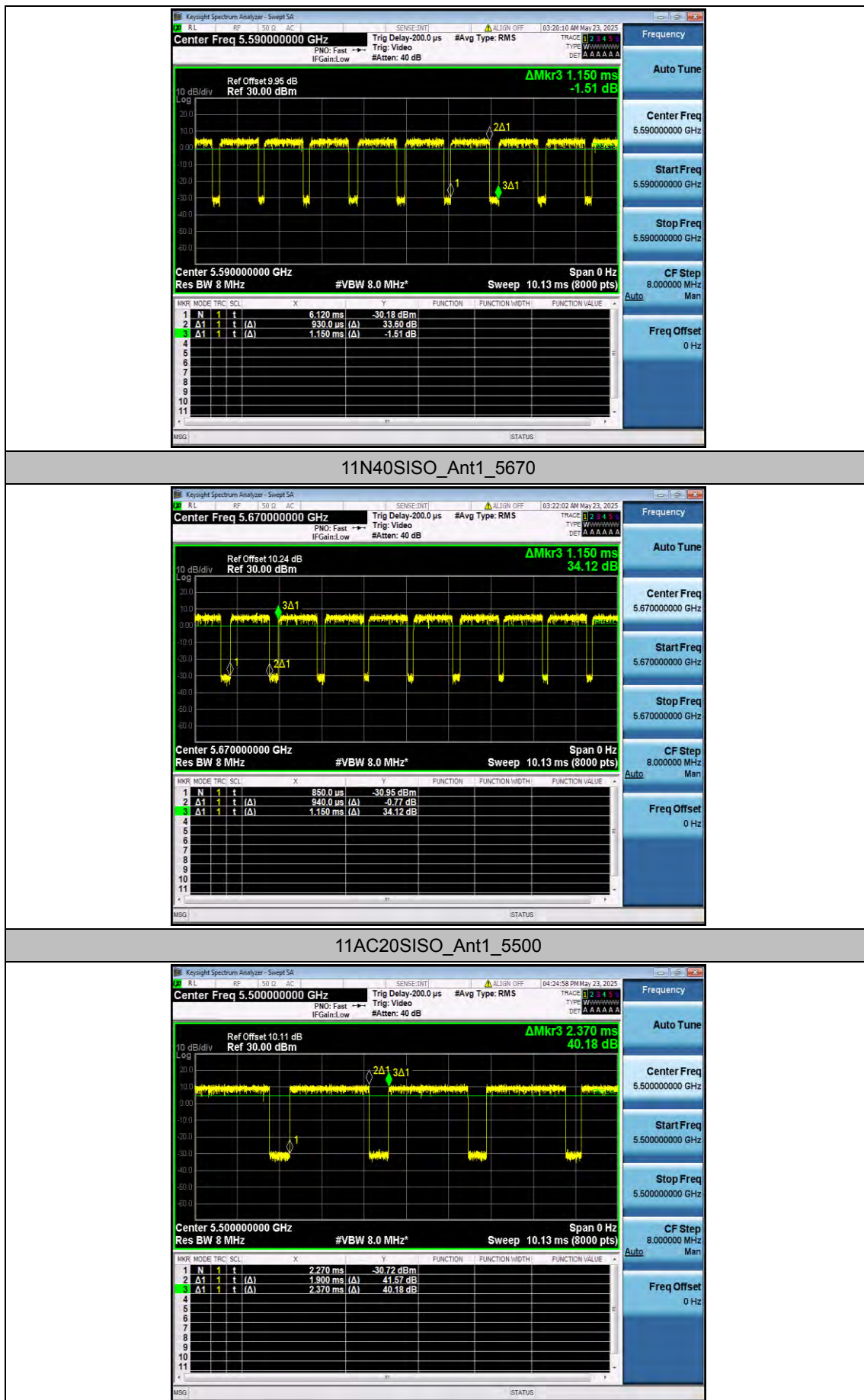
11N20SISO_Ant1_5700

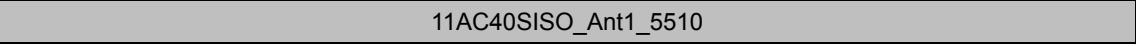
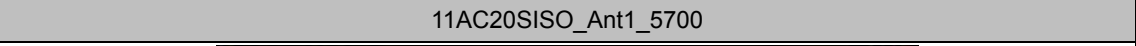


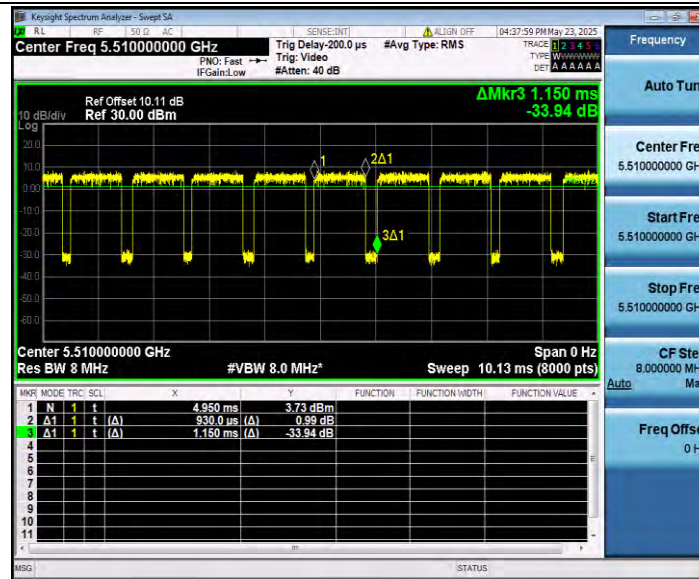
11N40SISO_Ant1_5510



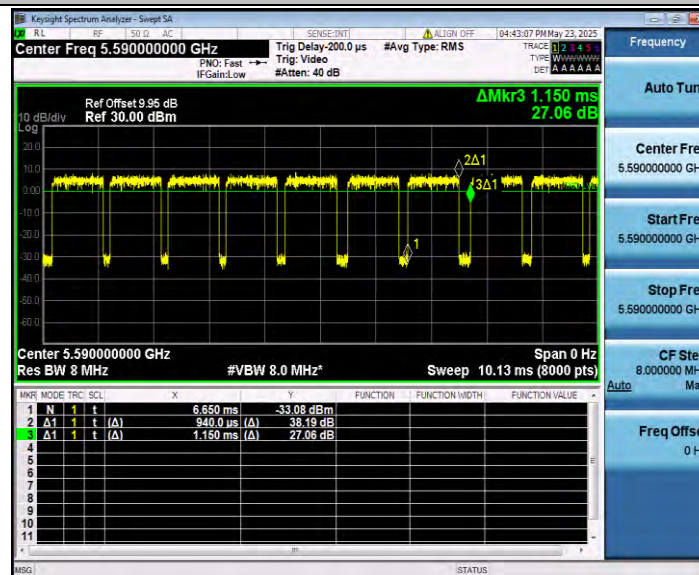
11N40SISO_Ant1_5590



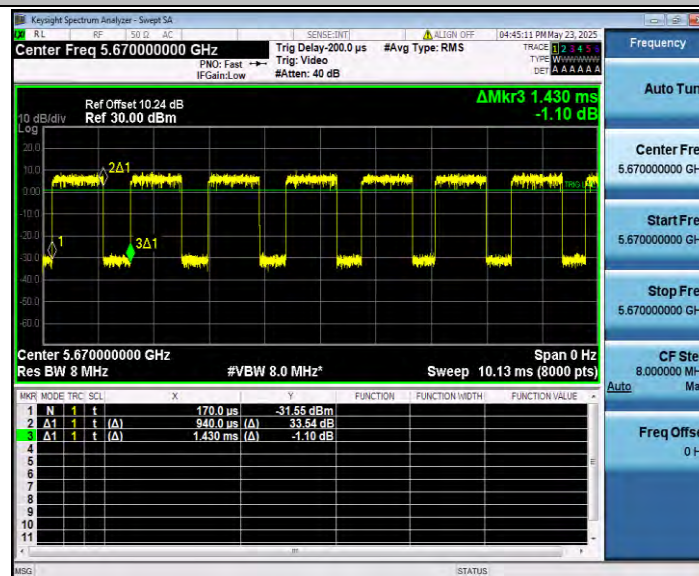




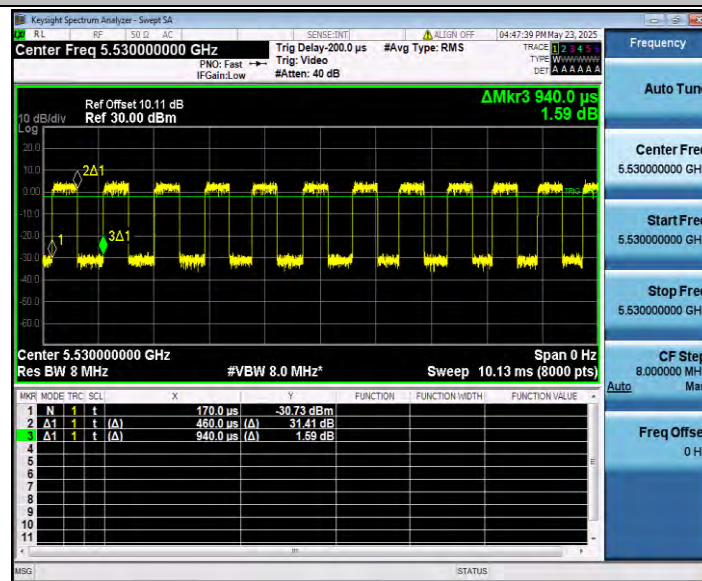
11AC40SISO_Ant1_5590



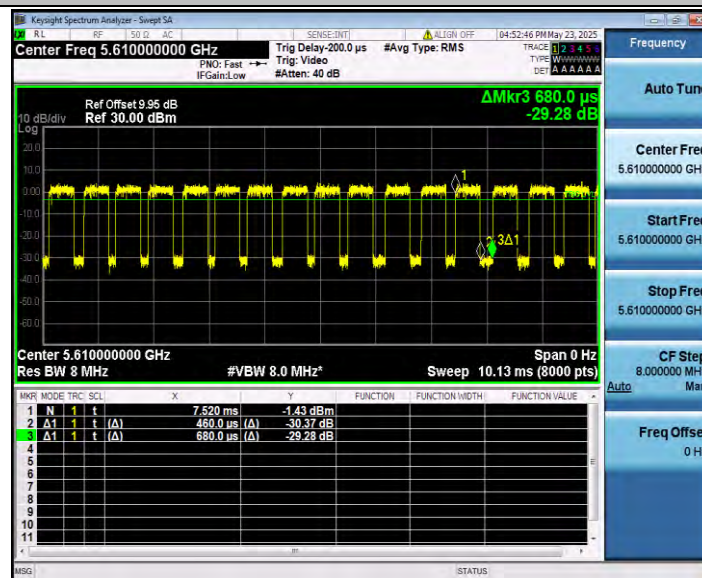
11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530

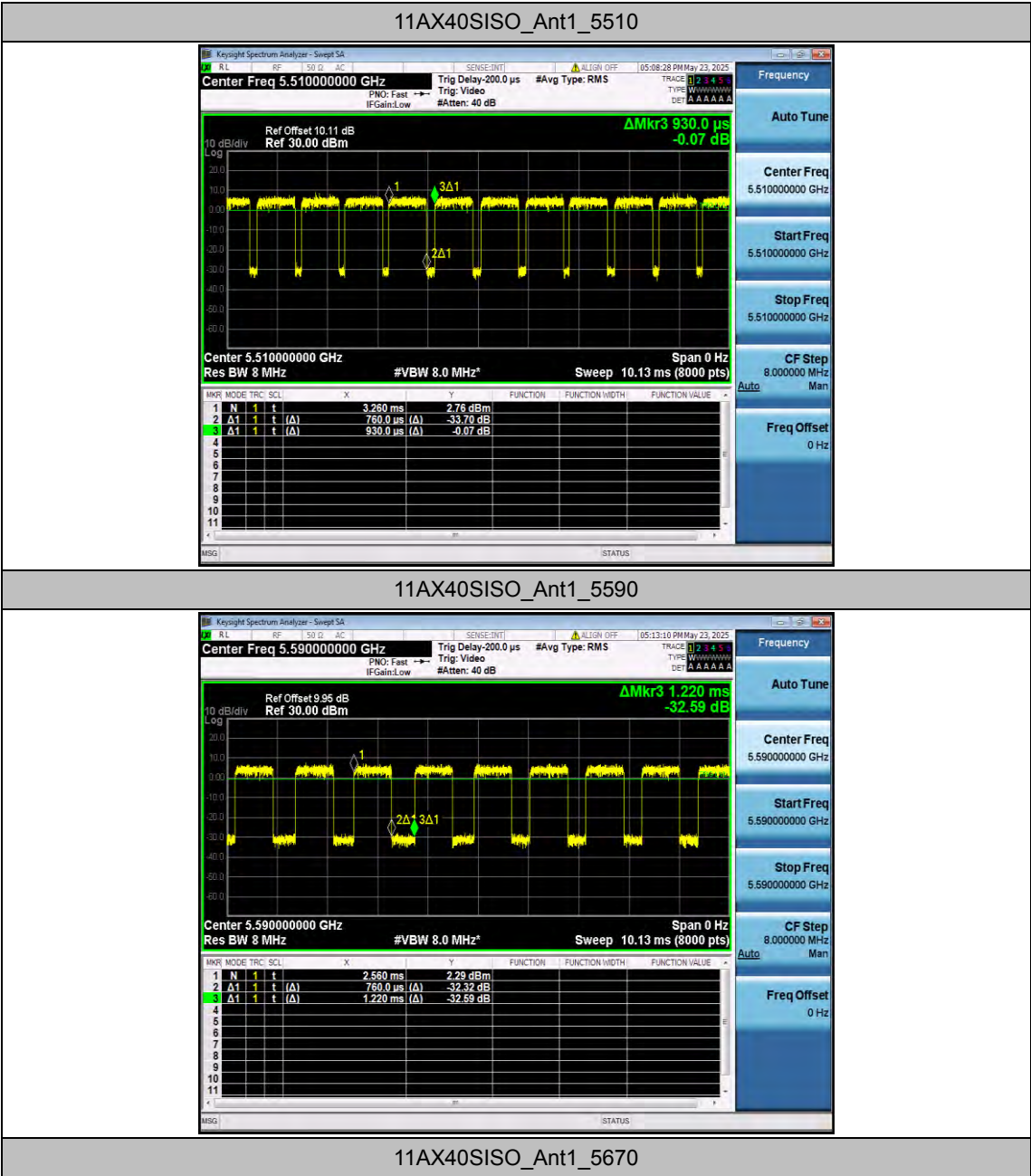


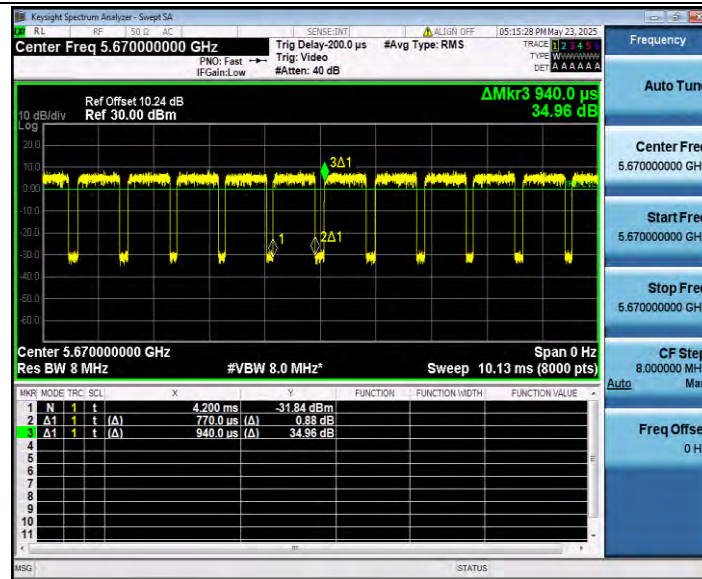
11AC80SISO_Ant1_5610



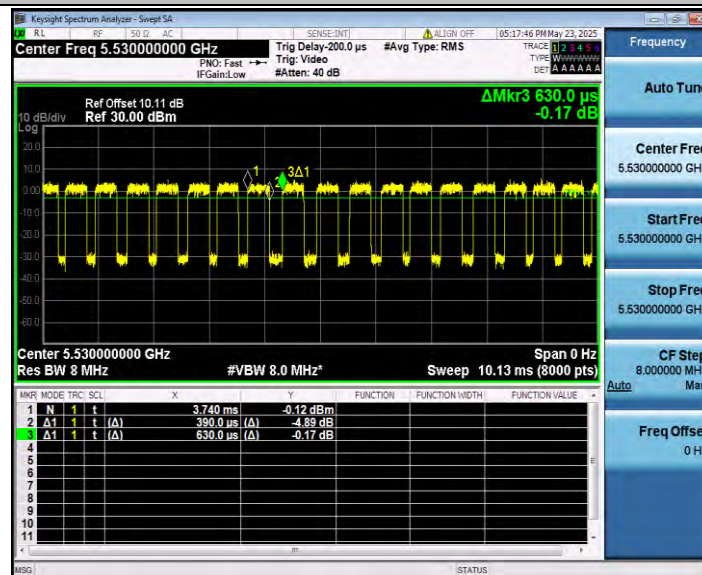
11AX20SISO_Ant1_5500



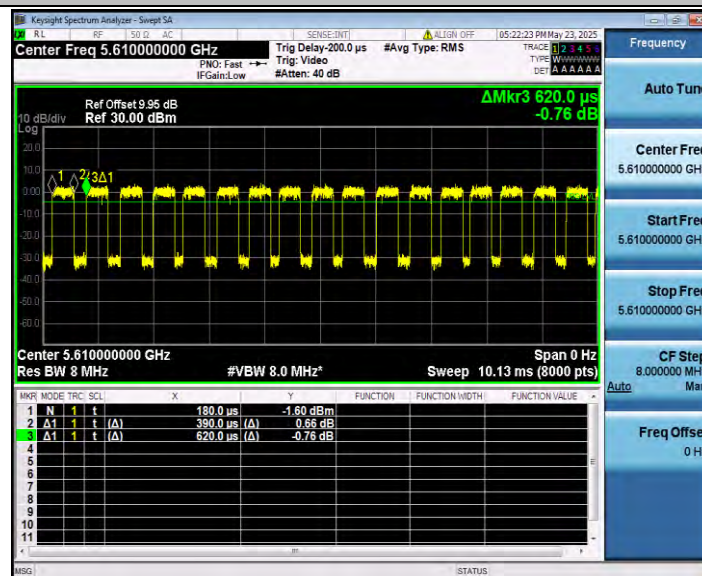




11AX80SISO_Ant1_5530



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	11.45	80.56	0.94	12.39	≤23.98	PASS
		5580	11.43	90.63	0.43	11.86	≤23.98	PASS
		5700	11.24	89.87	0.46	11.70	≤23.98	PASS
11N20SISO	Ant1	5500	12.76	79.08	1.02	13.78	≤23.98	PASS
		5580	11.94	81.47	0.89	12.83	≤23.98	PASS
		5700	12.16	89.57	0.48	12.64	≤23.98	PASS
11N40SISO	Ant1	5510	10.25	80.87	0.92	11.17	≤23.98	PASS
		5590	10.49	80.87	0.92	11.41	≤23.98	PASS
		5670	10.76	81.74	0.88	11.64	≤23.98	PASS
11AC20SISO	Ant1	5500	12.76	80.17	0.96	13.72	≤23.98	PASS
		5580	12.63	89.20	0.50	13.13	≤23.98	PASS
		5700	12.25	91.79	0.37	12.62	≤23.98	PASS
11AC40SISO	Ant1	5510	11.53	80.87	0.92	12.45	≤23.98	PASS
		5590	11.51	81.74	0.88	12.39	≤23.98	PASS
		5670	12.02	65.73	1.82	13.84	≤23.98	PASS
11AC80SISO	Ant1	5530	11.08	48.94	3.10	14.18	≤23.98	PASS
		5610	10.40	67.65	1.70	12.10	≤23.98	PASS
11AX20SISO	Ant1	5500	11.75	85.88	0.66	12.41	≤23.98	PASS
		5580	11.22	86.39	0.64	11.86	≤23.98	PASS
		5700	10.95	86.90	0.61	11.56	≤23.98	PASS
11AX40SISO	Ant1	5510	10.96	81.72	0.88	11.84	≤23.98	PASS
		5590	10.39	62.30	2.06	12.45	≤23.98	PASS
		5670	11.10	81.91	0.87	11.97	≤23.98	PASS
11AX80SISO	Ant1	5530	8.72	61.90	2.08	10.80	≤23.98	PASS
		5610	7.78	62.90	2.01	9.79	≤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	1.18	≤11.00	PASS
		5580	0.33	≤11.00	PASS
		5700	0.07	≤11.00	PASS
11N20SISO	Ant1	5500	1.84	≤11.00	PASS
		5580	1.55	≤11.00	PASS
		5700	0.76	≤11.00	PASS
11N40SISO	Ant1	5510	-2.65	≤11.00	PASS
		5590	-2.80	≤11.00	PASS
		5670	-2.64	≤11.00	PASS
11AC20SISO	Ant1	5500	1.98	≤11.00	PASS
		5580	1.29	≤11.00	PASS
		5700	0.72	≤11.00	PASS
11AC40SISO	Ant1	5510	-1.45	≤11.00	PASS
		5590	-1.75	≤11.00	PASS
		5670	-0.55	≤11.00	PASS
11AC80SISO	Ant1	5530	-2.76	≤11.00	PASS
		5610	-4.69	≤11.00	PASS
11AX20SISO	Ant1	5500	0.36	≤11.00	PASS
		5580	-0.07	≤11.00	PASS
		5700	-0.47	≤11.00	PASS
11AX40SISO	Ant1	5510	-3.13	≤11.00	PASS
		5590	-2.57	≤11.00	PASS
		5670	-3.14	≤11.00	PASS
11AX80SISO	Ant1	5530	-5.41	≤11.00	PASS
		5610	-6.94	≤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 Factor and RBW Factor is compensated in the graph.

Test Graphs

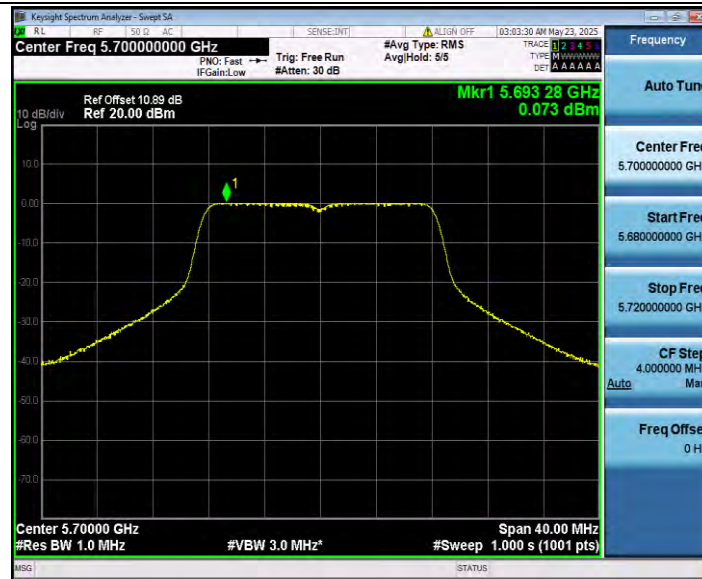
11A_Ant1_5500



11A_Ant1_5580



11A_Ant1_5700



11N20SISO_Ant1_5500



11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



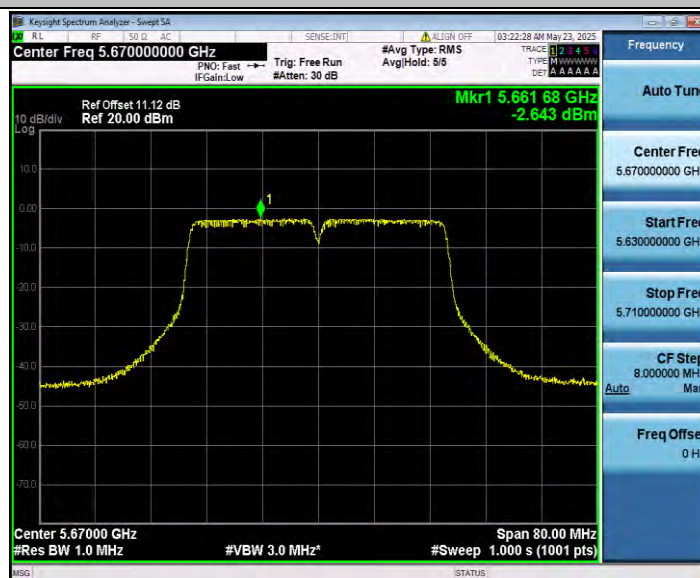
11N40SISO_Ant1_5510



11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510



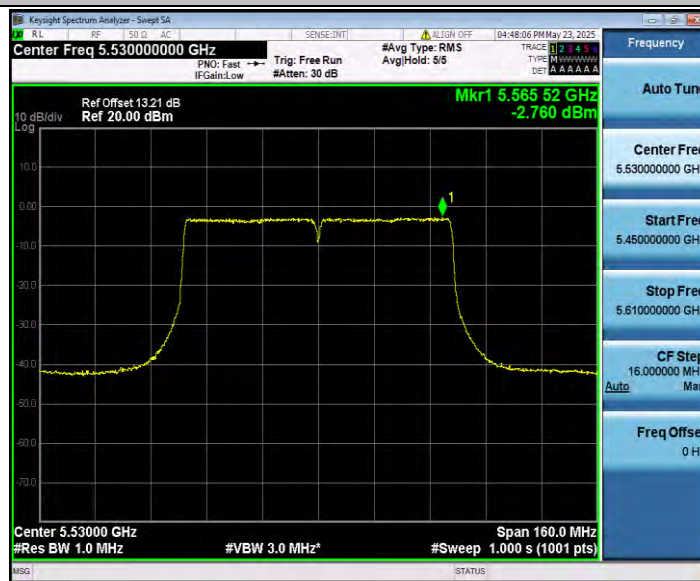
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11AC40SISO_Ant1_5670



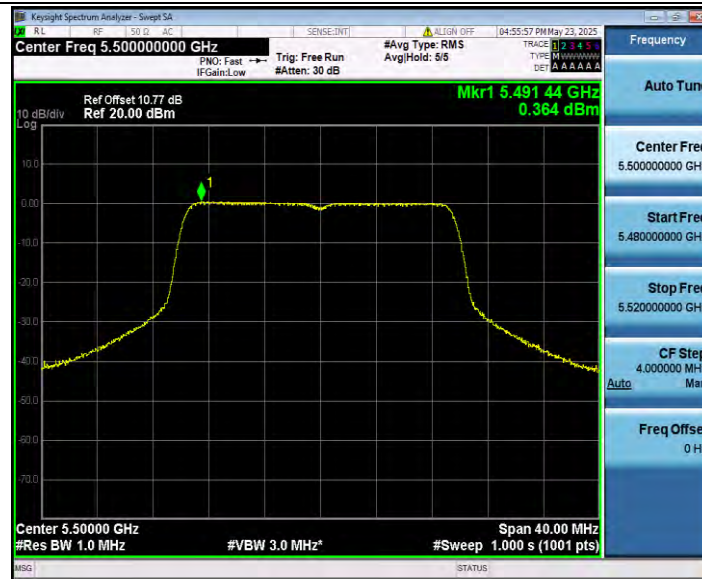
11AC80SISO_Ant1_5530



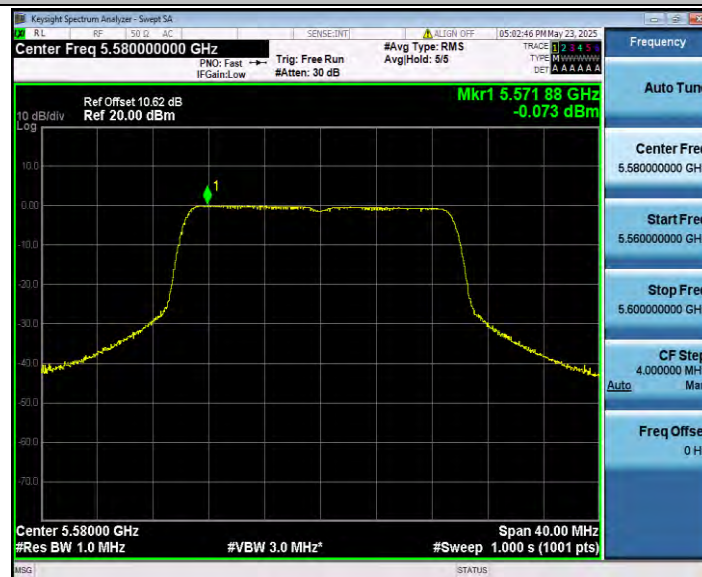
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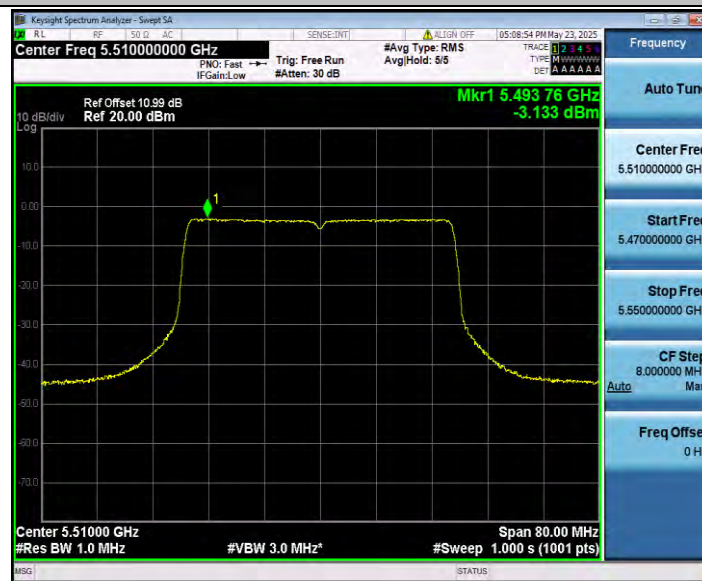
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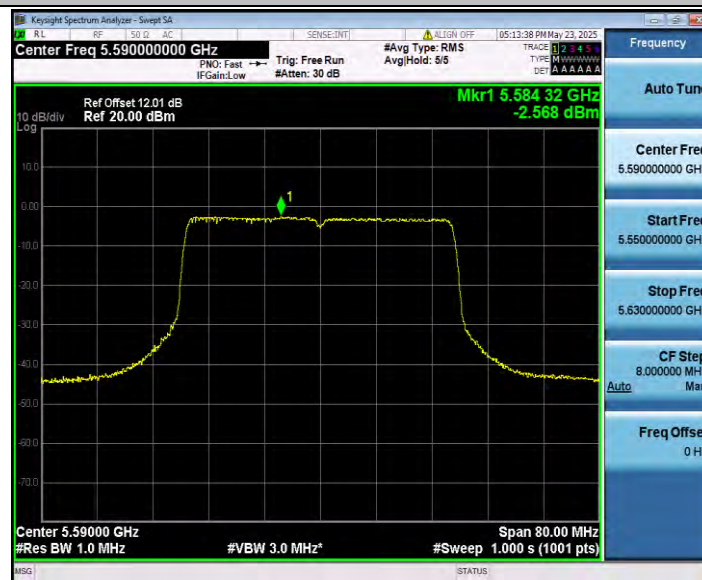
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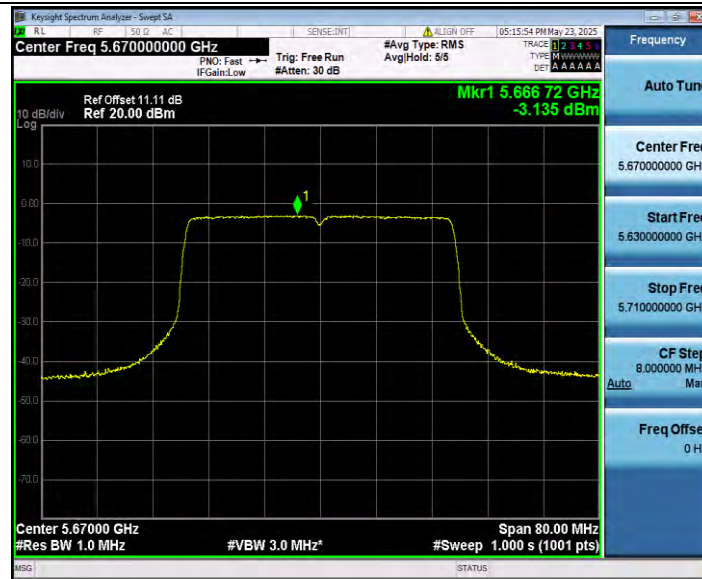
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11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



11AX80SISO_Ant1_5610

