

Case No. : <u>GTS20231018011-1-88</u>	
Ambient Condition: <u>21</u> °C, <u>47</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2024.1.25</u>	Test Engineer: <u>Evan ouyang</u>

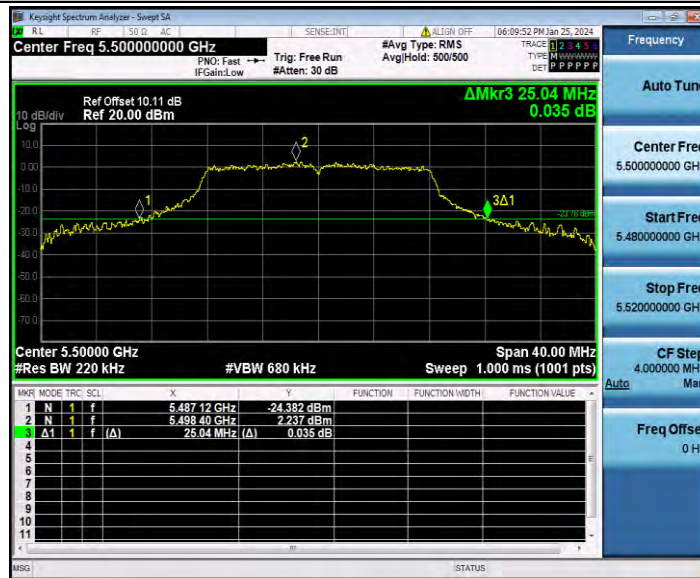
Appendix F.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	25.040	5487.120	5512.160	---	---
		5600	24.920	5587.320	5612.240	---	---
		5700	25.360	5686.640	5712.000	---	---
11N20SISO	Ant1	5500	25.040	5487.360	5512.400	---	---
		5600	24.960	5587.440	5612.400	---	---
		5700	25.280	5686.640	5711.920	---	---
11N40SISO	Ant1	5510	39.840	5490.160	5530.000	---	---
		5590	40.000	5570.080	5610.080	---	---
		5670	39.920	5650.160	5690.080	---	---
11AC20SISO	Ant1	5500	26.120	5486.680	5512.800	---	---
		5600	25.640	5587.200	5612.840	---	---
		5700	26.200	5686.680	5712.880	---	---
11AC40SISO	Ant1	5510	39.920	5490.000	5529.920	---	---
		5590	40.000	5570.160	5610.160	---	---
		5670	39.760	5650.080	5689.840	---	---
11AC80SISO	Ant1	5530	80.000	5490.000	5570.000	---	---
		5610	80.320	5570.000	5650.320	---	---
11AX20SISO	Ant1	5500	28.840	5482.920	5511.760	---	---
		5600	24.440	5587.400	5611.840	---	---
		5700	21.920	5689.120	5711.040	---	---
11AX40SISO	Ant1	5510	39.680	5490.080	5529.760	---	---
		5590	39.600	5570.240	5609.840	---	---
		5670	39.680	5650.160	5689.840	---	---
11AX80SISO	Ant1	5530	80.640	5489.840	5570.480	---	---
		5610	80.480	5569.840	5650.320	---	---

Test Graphs

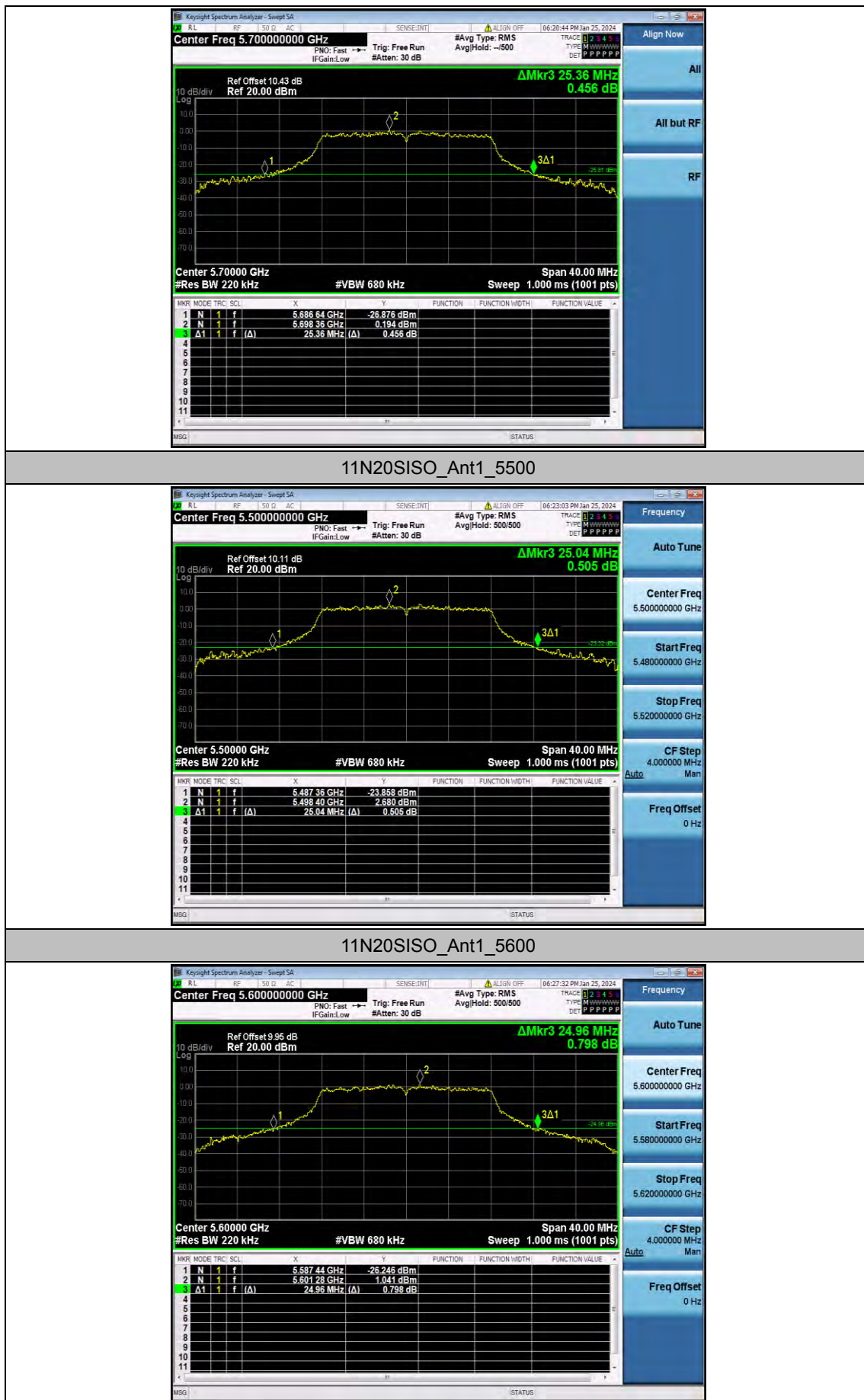
11A_Ant1_5500



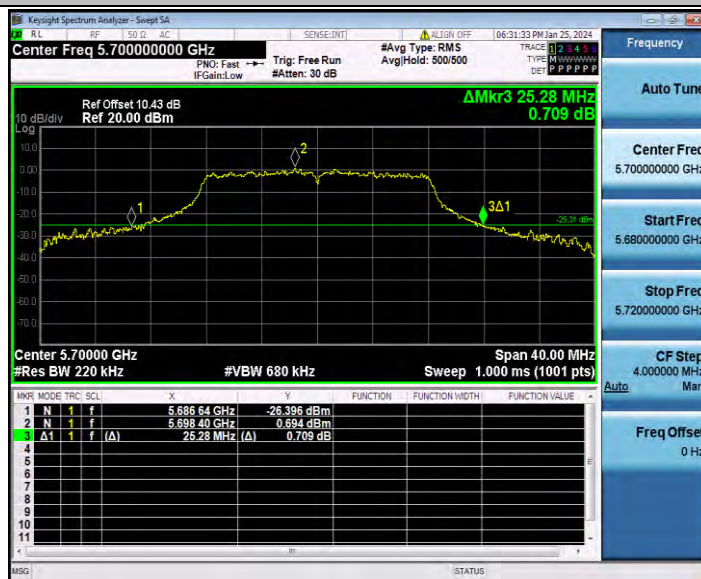
11A_Ant1_5600



11A_Ant1_5700



11N20SISO_Ant1_5700



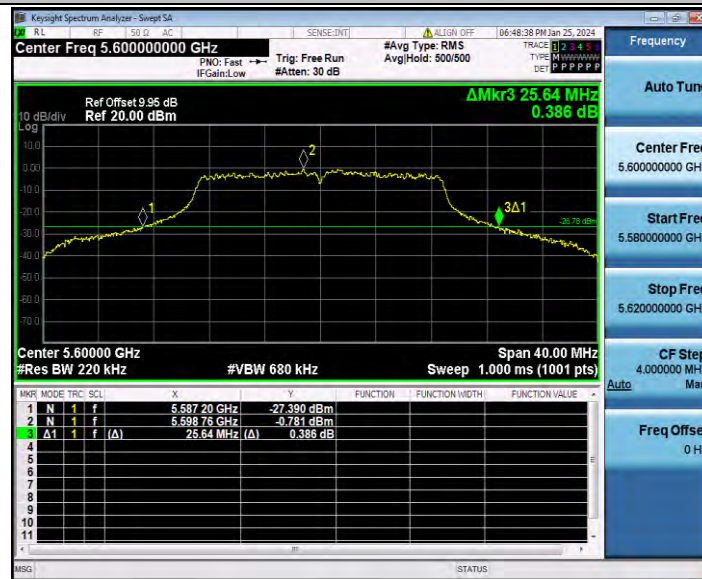
11N40SISO_Ant1_5510



11N40SISO_Ant1_5590



11AC20SISO_Ant1_5600



11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510



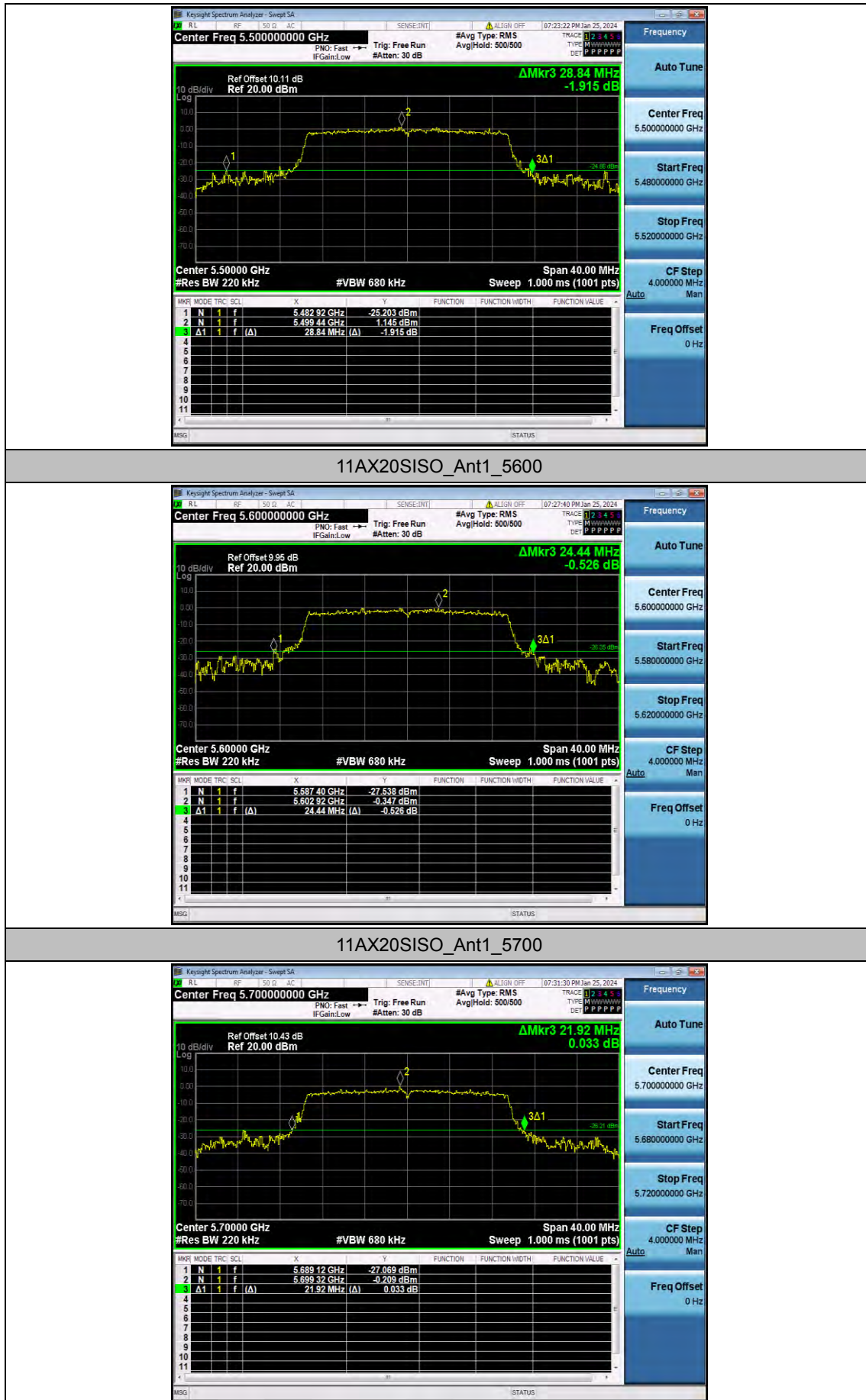
11AC80SISO_Ant1_5530



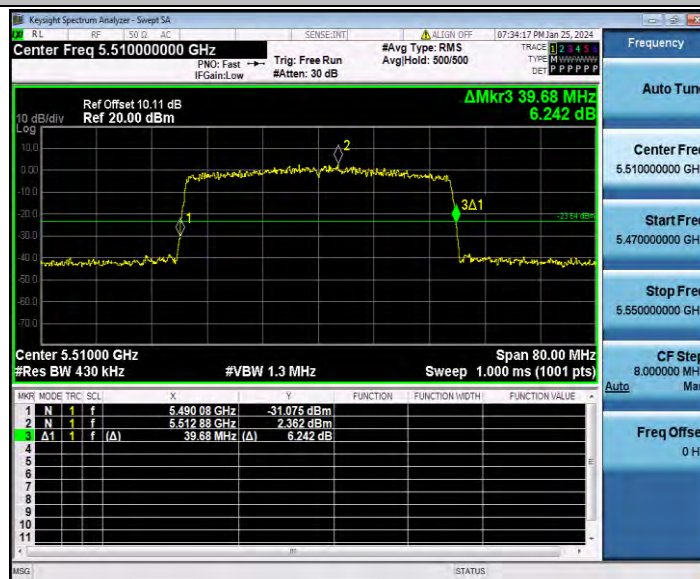
11AC80SISO_Ant1_5610



11AX20SISO_Ant1_5500



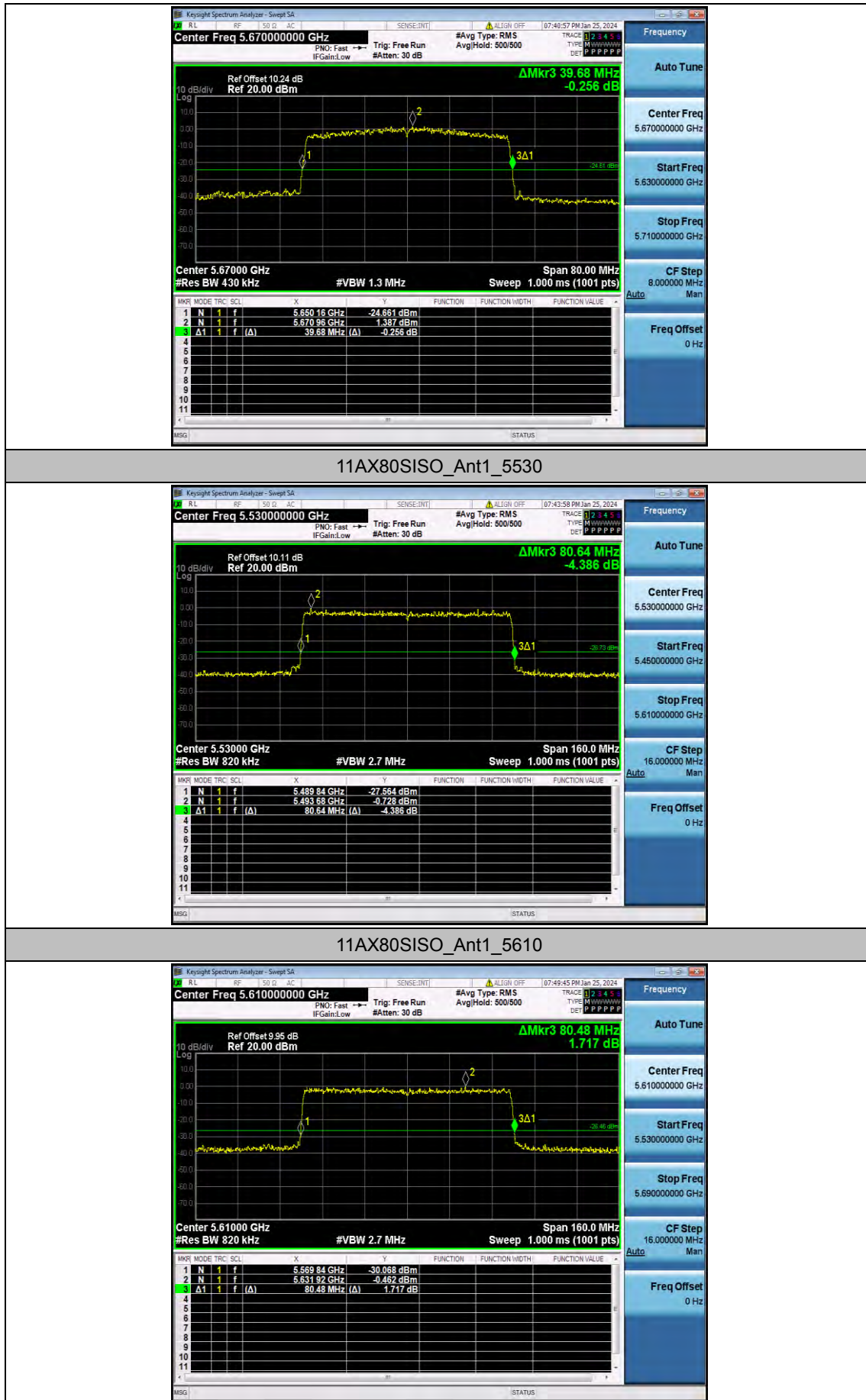
11AX40SISO_Ant1_5510



11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670

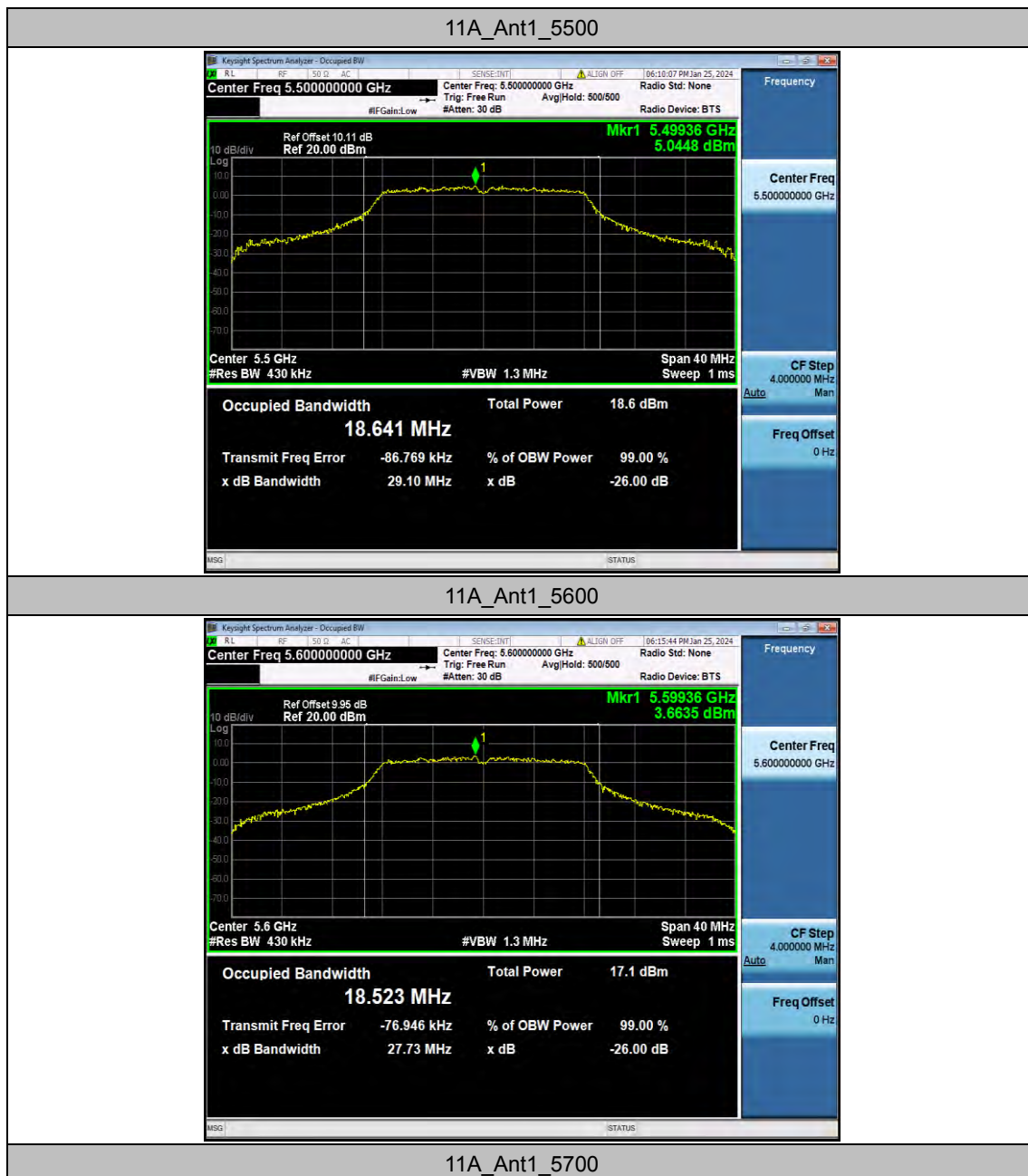


Appendix F.2: Occupied channel bandwidth

Test Result

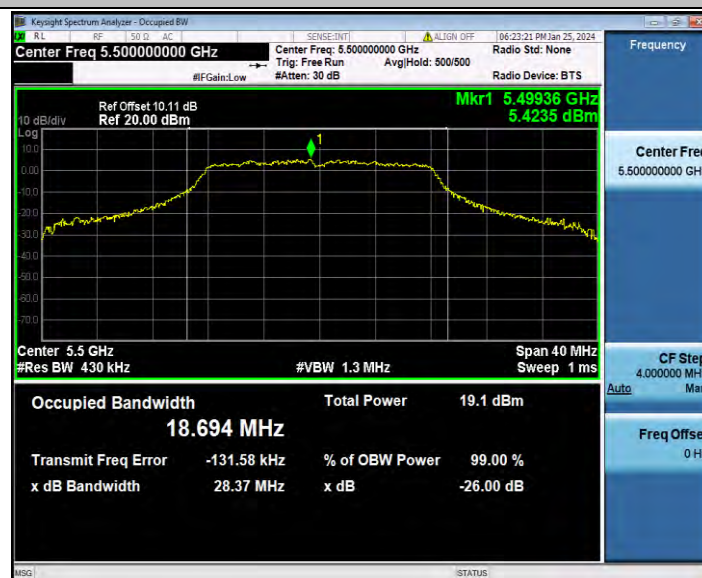
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	18.641	5490.5927	5509.2337	---	---
		5600	18.523	5590.6616	5609.1846	---	---
		5700	18.656	5690.4986	5709.1546	---	---
11N20SISO	Ant1	5500	18.694	5490.5214	5509.2154	---	---
		5600	18.551	5590.6407	5609.1917	---	---
		5700	18.636	5690.4805	5709.1165	---	---
11N40SISO	Ant1	5510	35.957	5492.0557	5528.0127	---	---
		5590	35.870	5572.0830	5607.9530	---	---
		5670	35.858	5652.0914	5687.9494	---	---
11AC20SISO	Ant1	5500	19.180	5490.3685	5509.5485	---	---
		5600	19.112	5590.3930	5609.5050	---	---
		5700	19.150	5690.3032	5709.4532	---	---
11AC40SISO	Ant1	5510	35.909	5492.0711	5527.9801	---	---
		5590	35.907	5572.0741	5607.9811	---	---
		5670	35.808	5652.1001	5687.9081	---	---
11AC80SISO	Ant1	5530	75.337	5492.2600	5567.5970	---	---
		5610	75.229	5572.4524	5647.6814	---	---
11AX20SISO	Ant1	5500	19.249	5490.3731	5509.6221	---	---
		5600	19.165	5590.4316	5609.5966	---	---
		5700	19.228	5690.3733	5709.6013	---	---
11AX40SISO	Ant1	5510	37.441	5491.2932	5528.7342	---	---
		5590	37.557	5571.2400	5608.7970	---	---
		5670	37.596	5651.2081	5688.8041	---	---
11AX80SISO	Ant1	5530	77.720	5491.1200	5568.8400	---	---
		5610	77.825	5571.1119	5648.9369	---	---

Test Graphs





11N20SISO_Ant1_5500



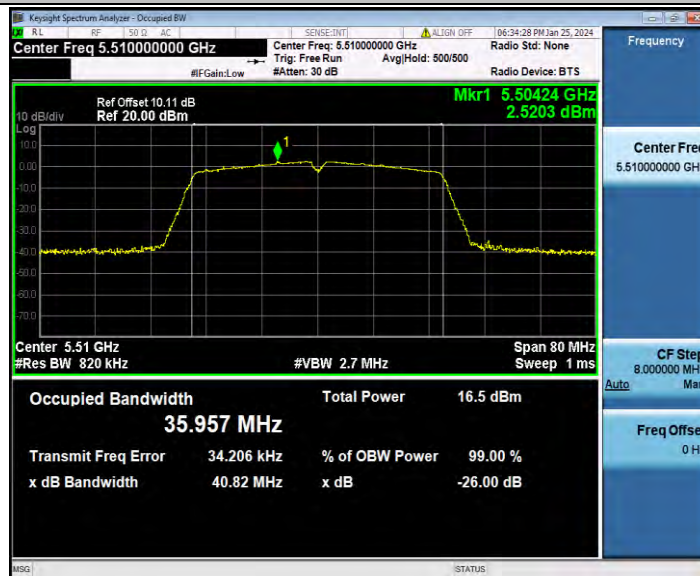
11N20SISO_Ant1_5600



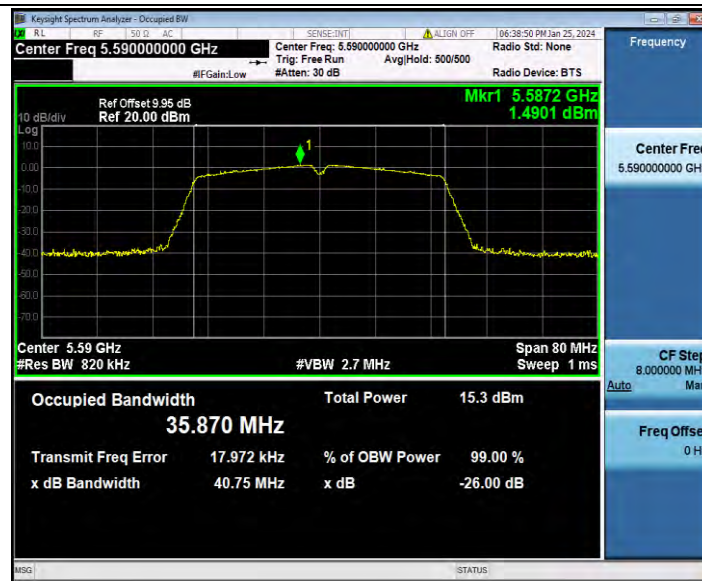
11N20SISO_Ant1_5700



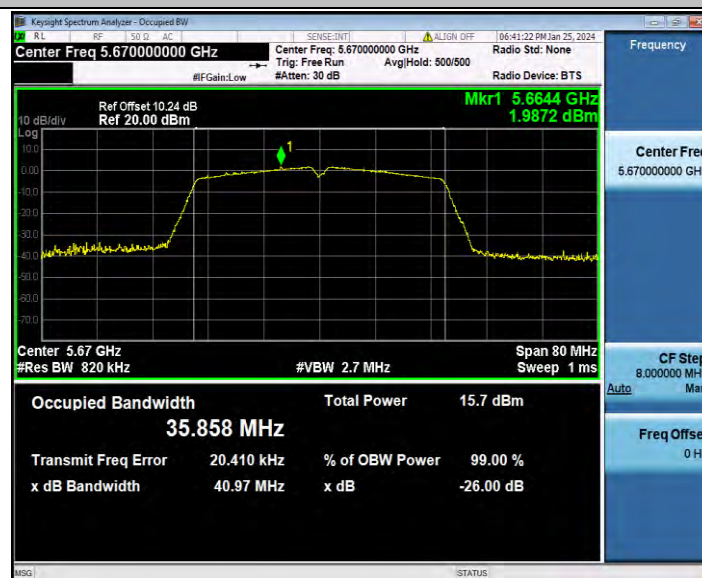
11N40SISO_Ant1_5510



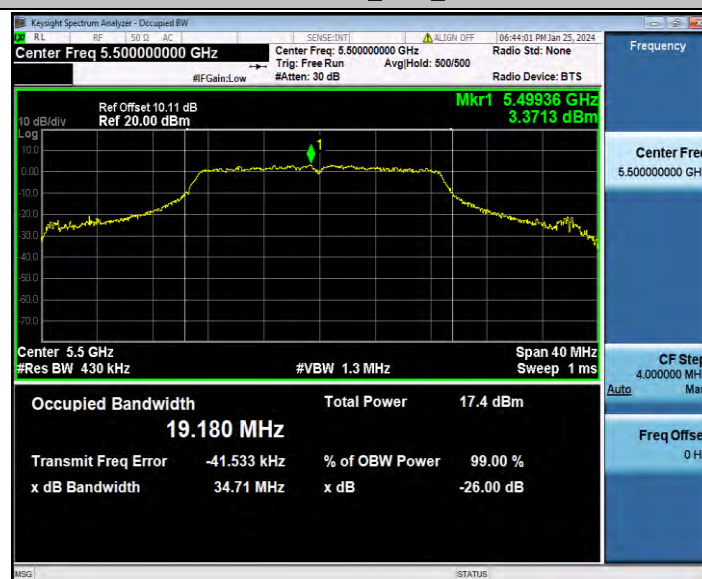
11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



11AC20SISO_Ant1_5500



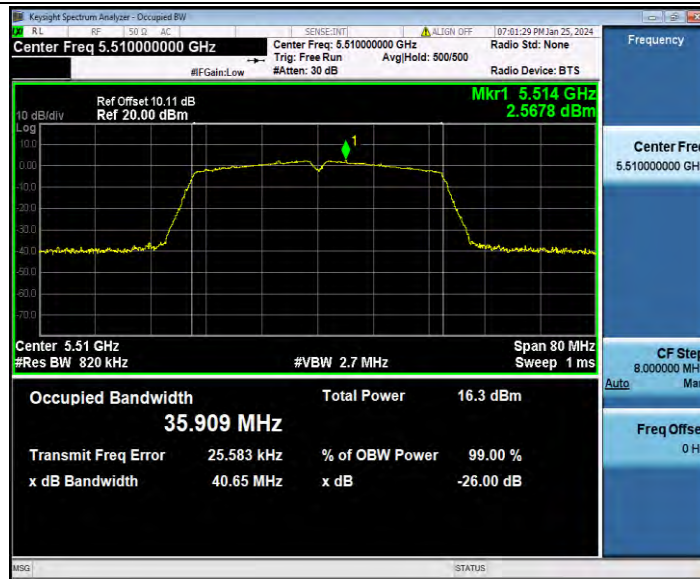
11AC20SISO_Ant1_5600



11AC20SISO_Ant1_5700



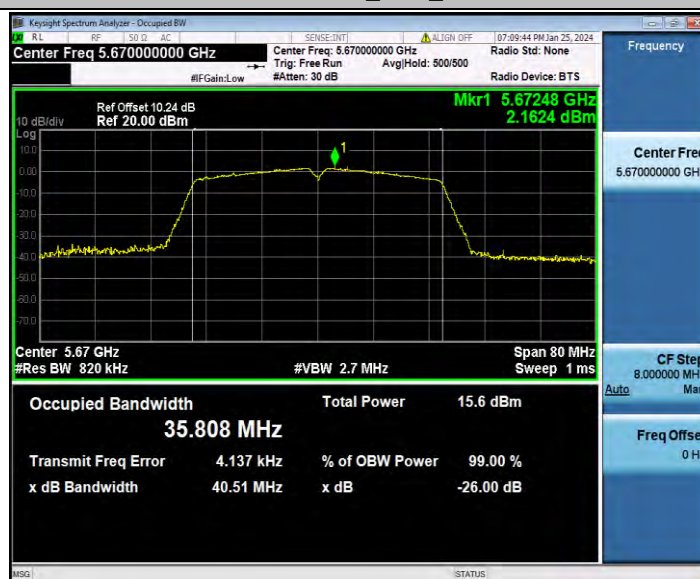
11AC40SISO_Ant1_5510



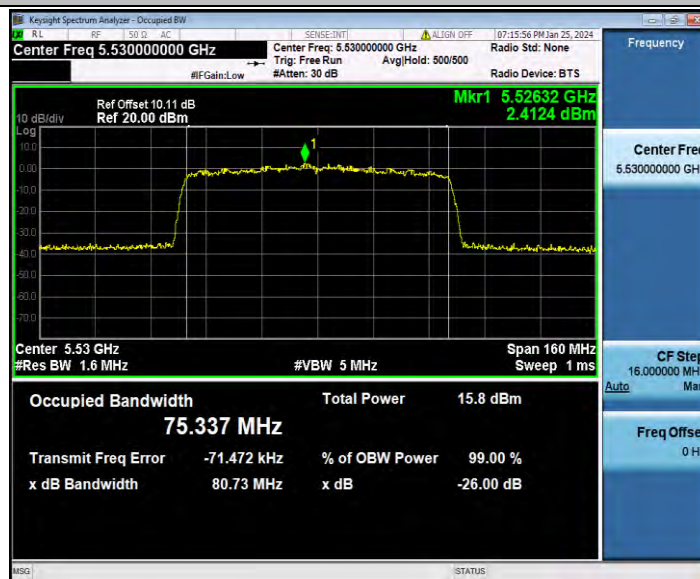
11AC40SISO_Ant1_5590



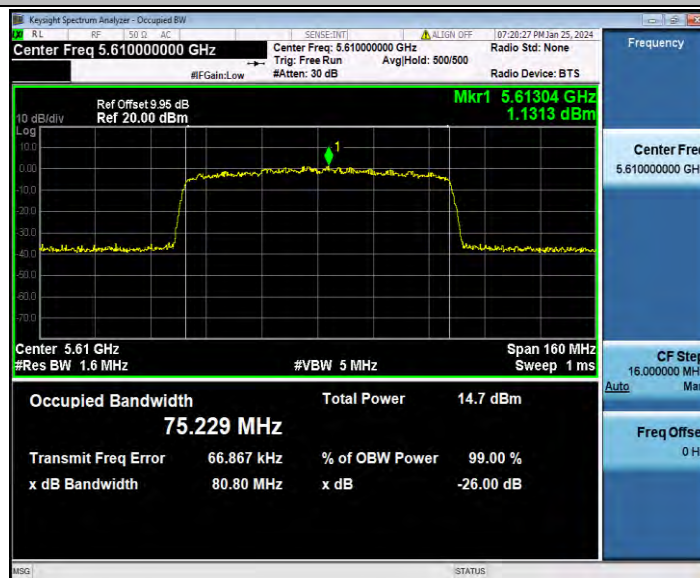
11AC40SISO_Ant1_5670



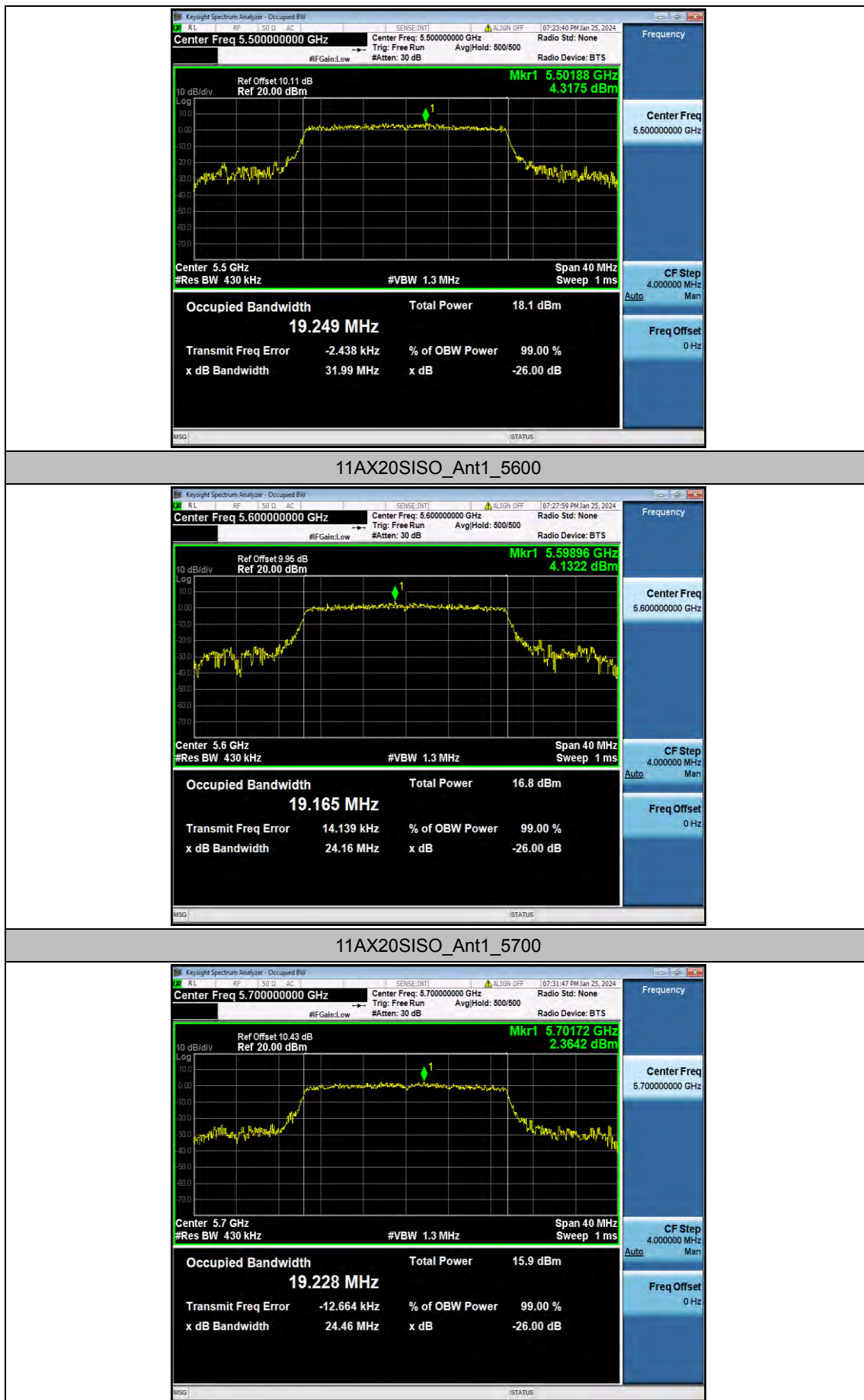
11AC80SISO_Ant1_5530



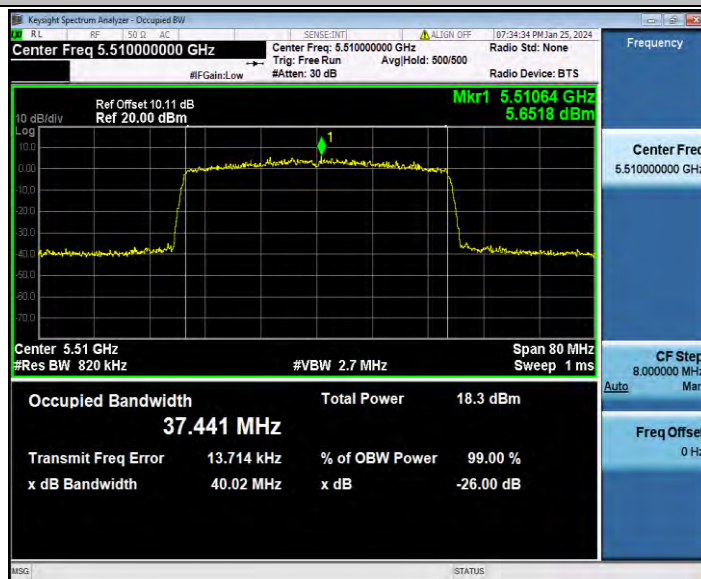
11AC80SISO_Ant1_5610



11AX20SISO_Ant1_5500



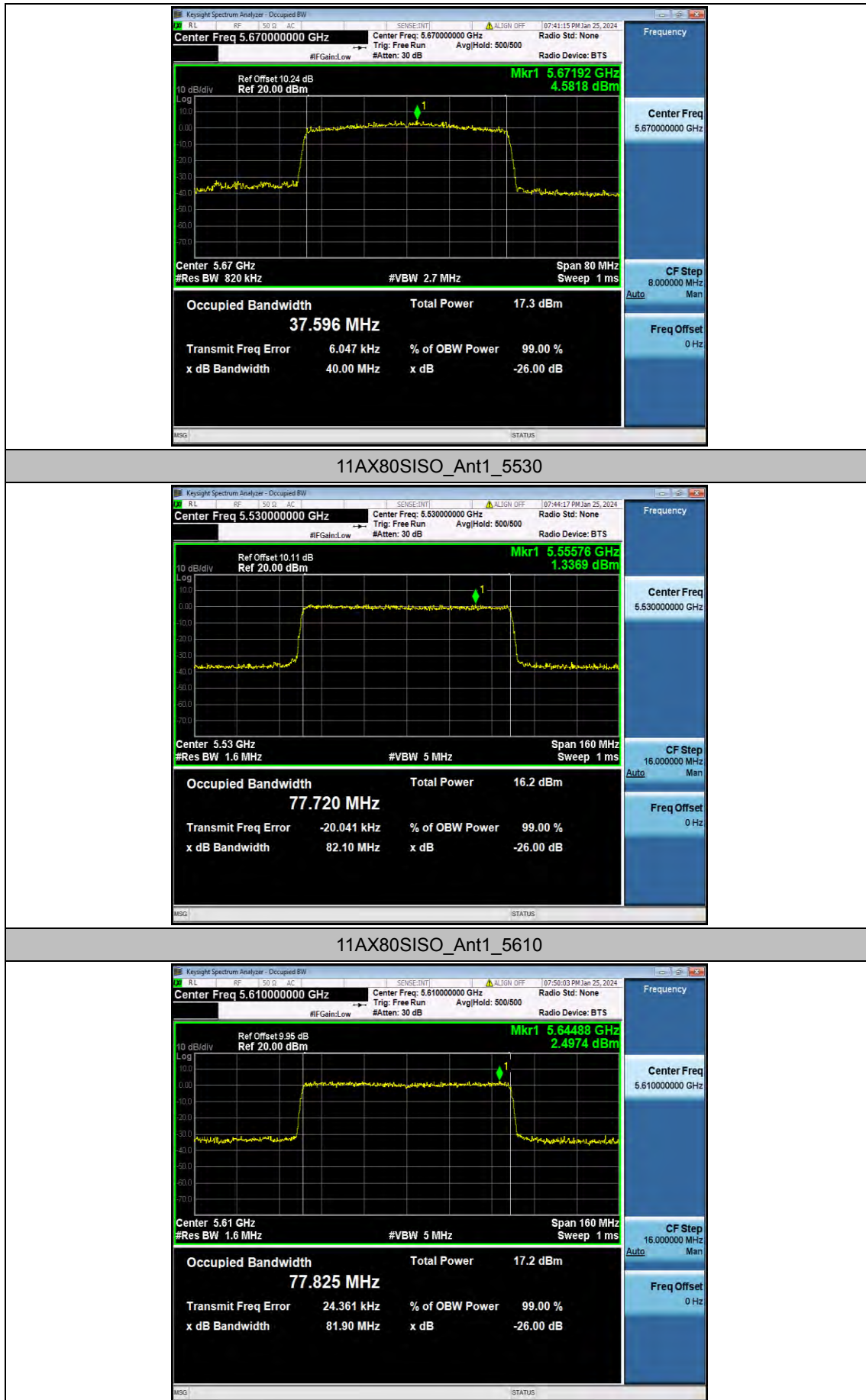
11AX40SISO_Ant1_5510



11AX40SISO_Ant1_5590



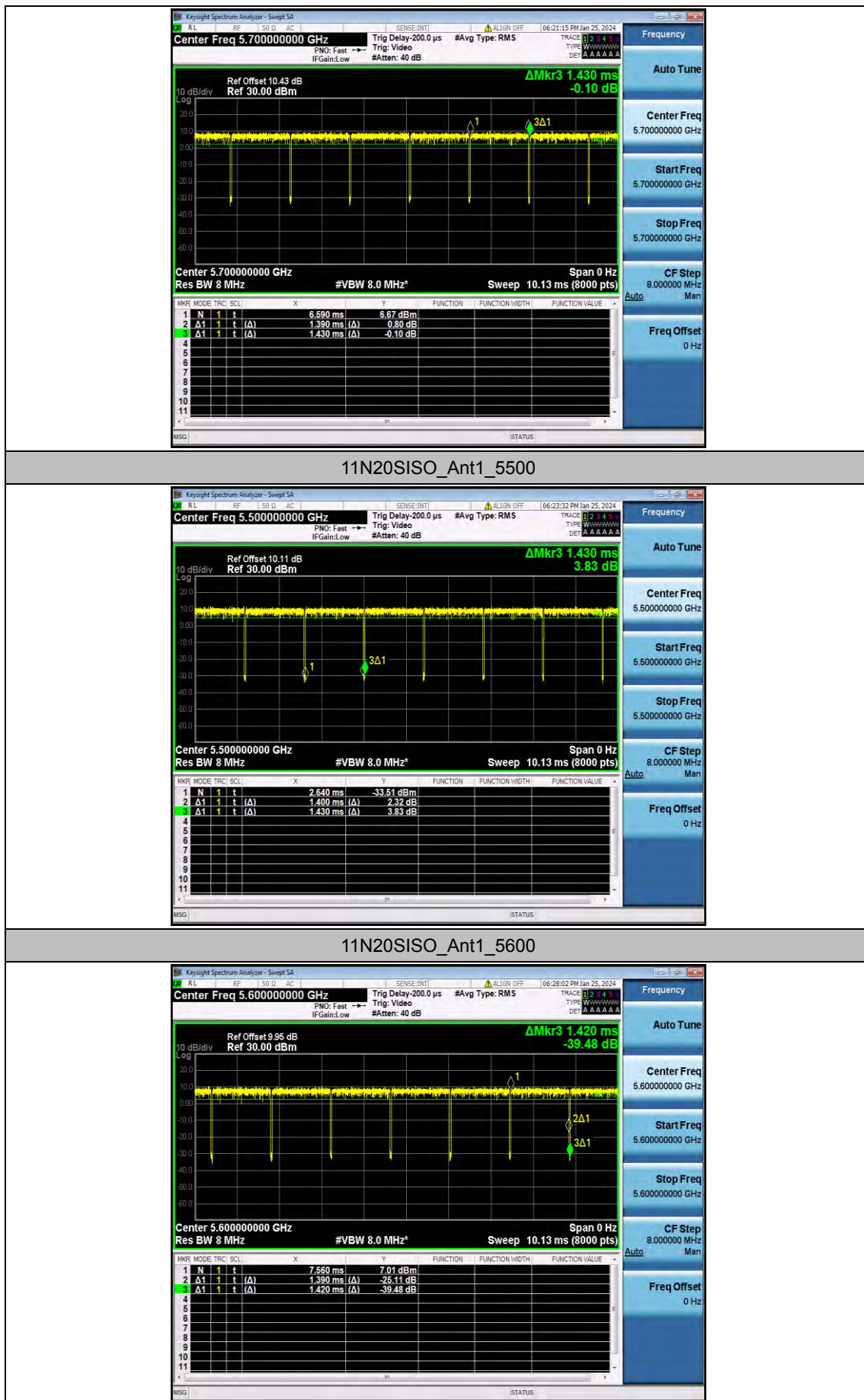
11AX40SISO_Ant1_5670



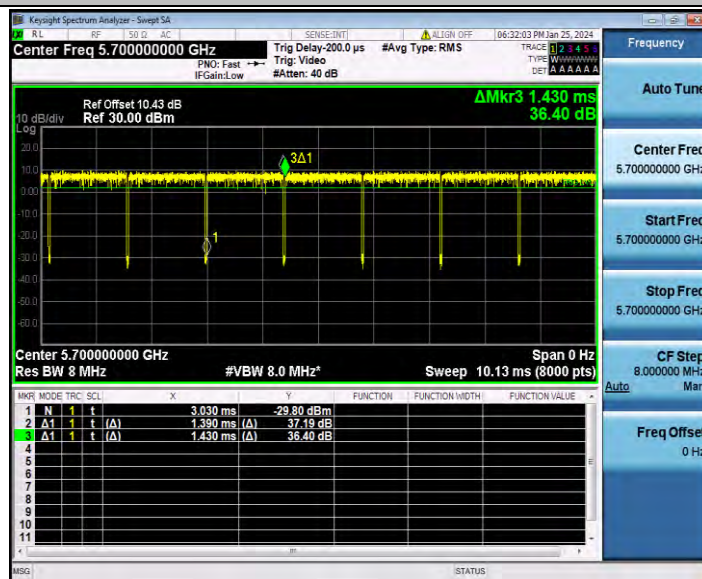
Appendix F.3: Duty Cycle

Test Result

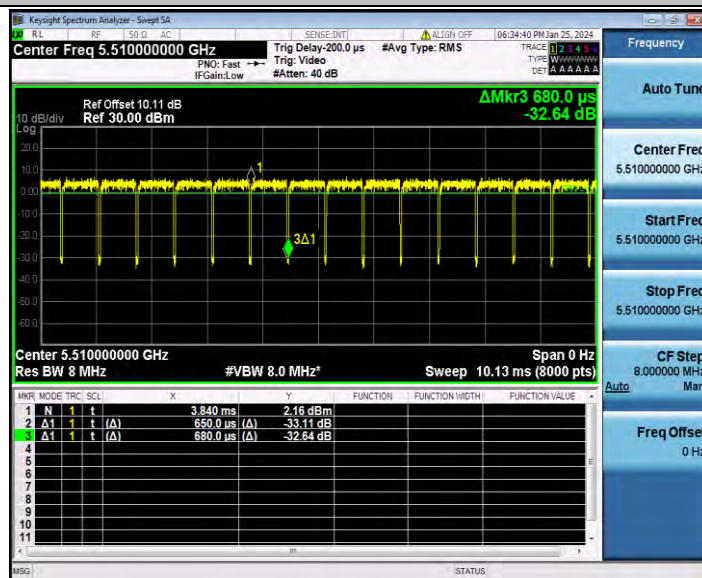
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5500	1.39	1.43	97.20	0.12	0.72
		5600	1.39	1.43	97.20	0.12	0.72
		5700	1.39	1.43	97.20	0.12	0.72
11N20SISO	Ant1	5500	1.40	1.43	97.90	0.09	0.71
		5600	1.39	1.42	97.89	0.09	0.72
		5700	1.39	1.43	97.20	0.12	0.72
11N40SISO	Ant1	5510	0.65	0.68	95.59	0.20	1.54
		5590	0.65	0.68	95.59	0.20	1.54
		5670	0.65	0.69	94.20	0.26	1.54
11AC20SISO	Ant1	5500	1.31	1.35	97.04	0.13	0.76
		5600	1.31	1.35	97.04	0.13	0.76
		5700	1.31	1.35	97.04	0.13	0.76
11AC40SISO	Ant1	5510	0.65	0.69	94.20	0.26	1.54
		5590	0.66	0.69	95.65	0.19	1.52
		5670	0.66	0.69	95.65	0.19	1.52
11AC80SISO	Ant1	5530	0.32	0.36	88.89	0.51	3.13
		5610	0.32	0.36	88.89	0.51	3.13
11AX20SISO	Ant1	5500	1.01	1.05	96.19	0.17	0.99
		5600	1.01	1.05	96.19	0.17	0.99
		5700	1.01	1.04	97.12	0.13	0.99
11AX40SISO	Ant1	5510	0.53	0.57	92.98	0.32	1.89
		5590	0.54	0.57	94.74	0.23	1.85
		5670	0.53	0.57	92.98	0.32	1.89
11AX80SISO	Ant1	5530	2.55	5.07	50.30	2.98	0.39
		5610	2.56	5.07	50.49	2.97	0.39



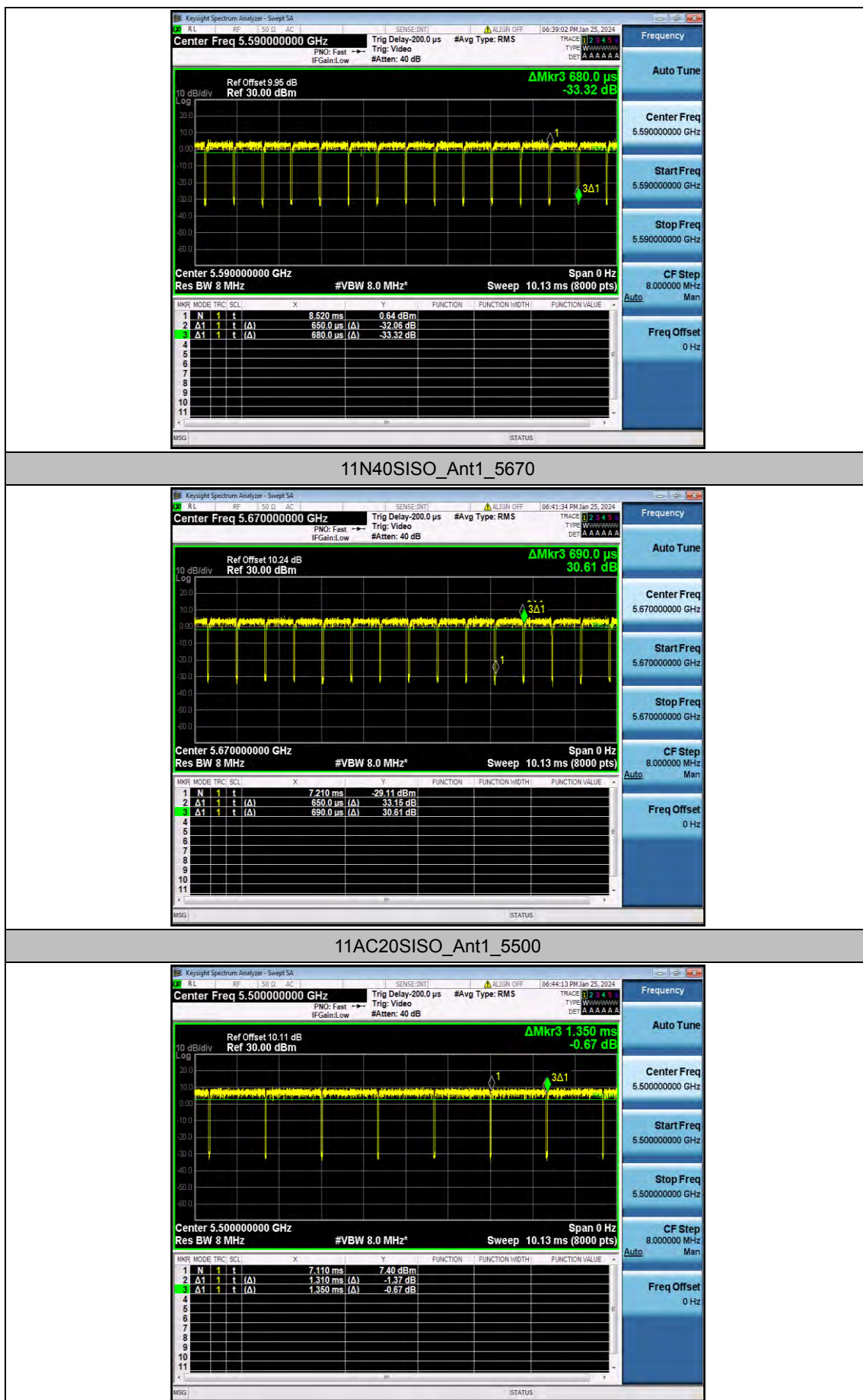
11N20SISO_Ant1_5700



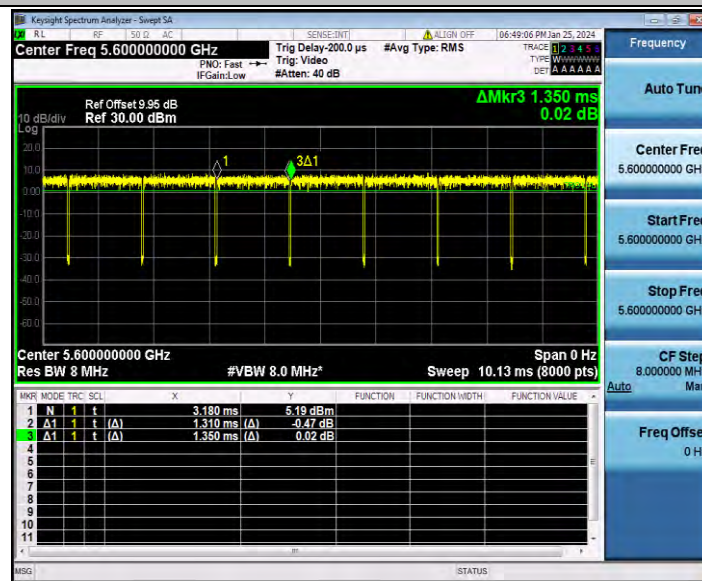
11N40SISO_Ant1_5510



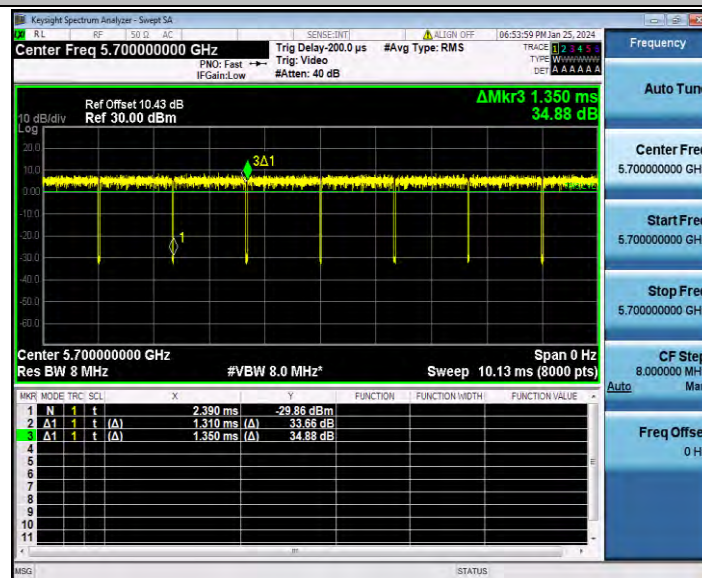
11N40SISO_Ant1_5590



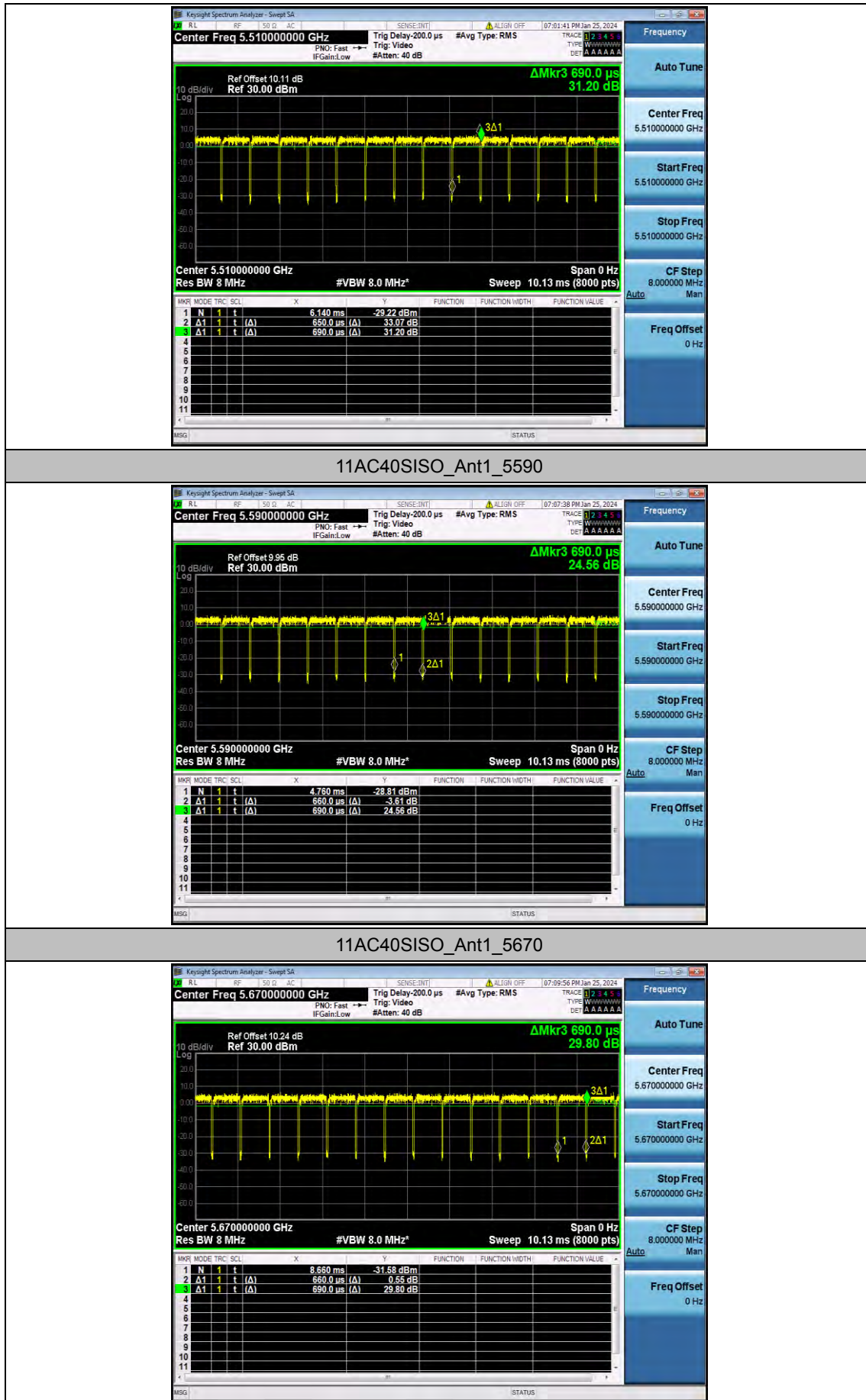
11AC20SISO_Ant1_5600



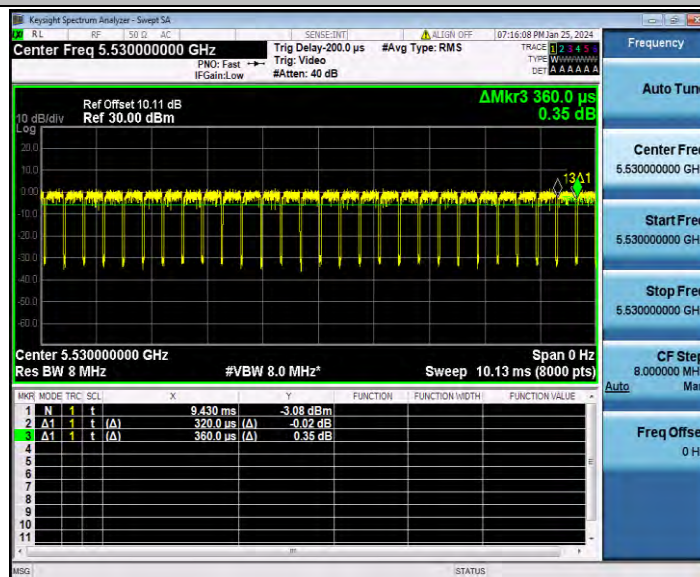
11AC20SISO_Ant1_5700



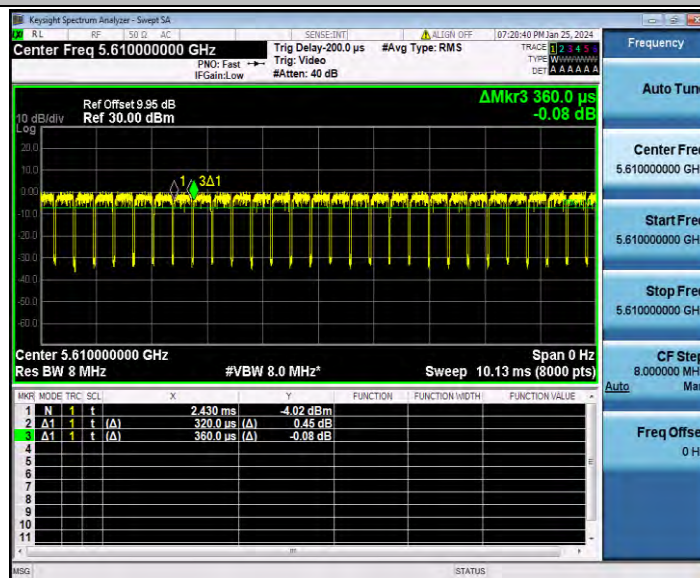
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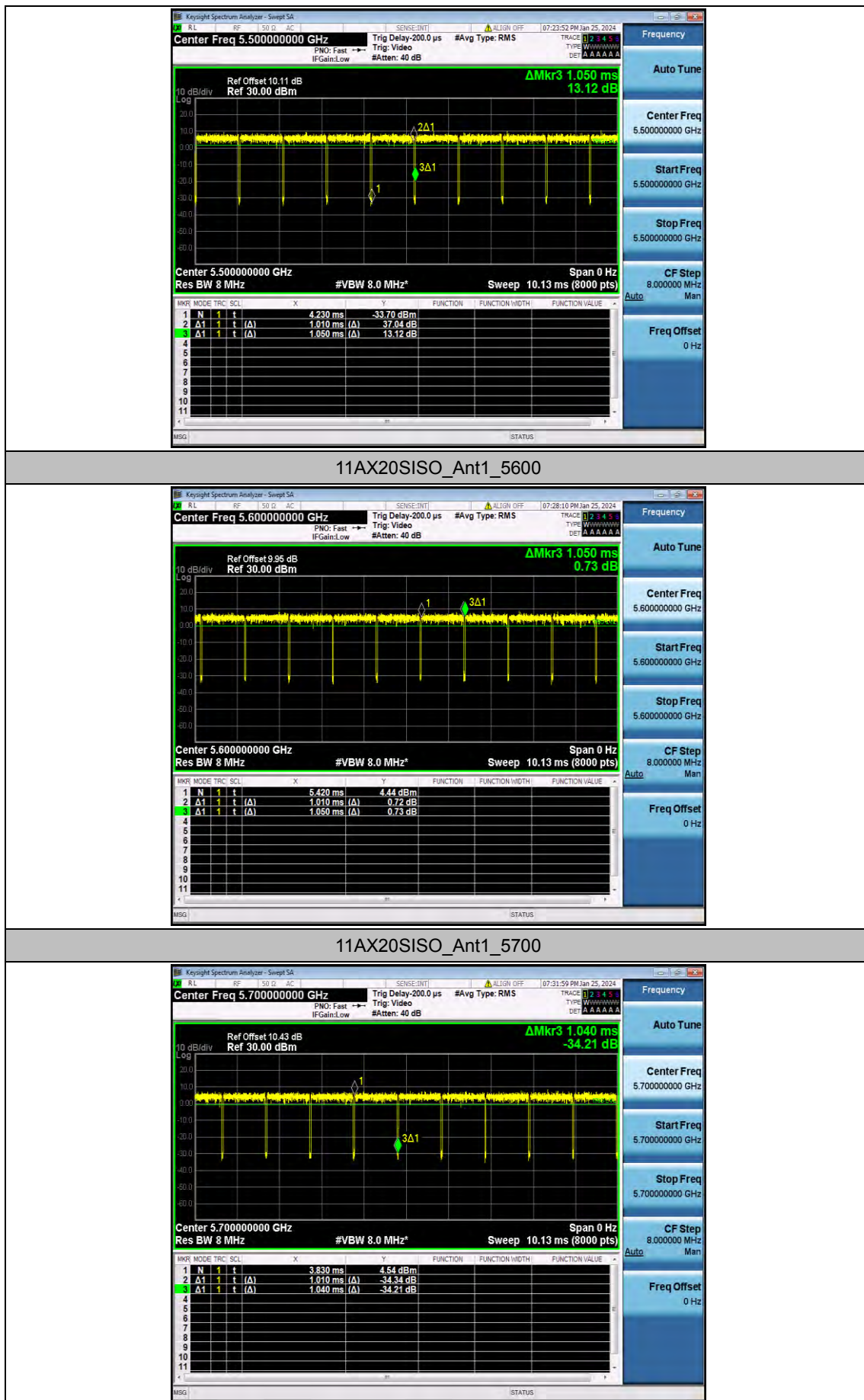
11AC80SISO_Ant1_5530



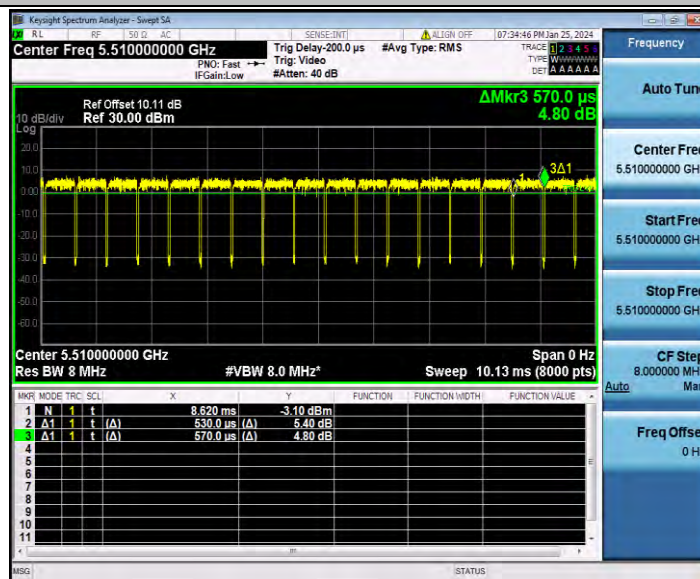
11AC80SISO_Ant1_5610



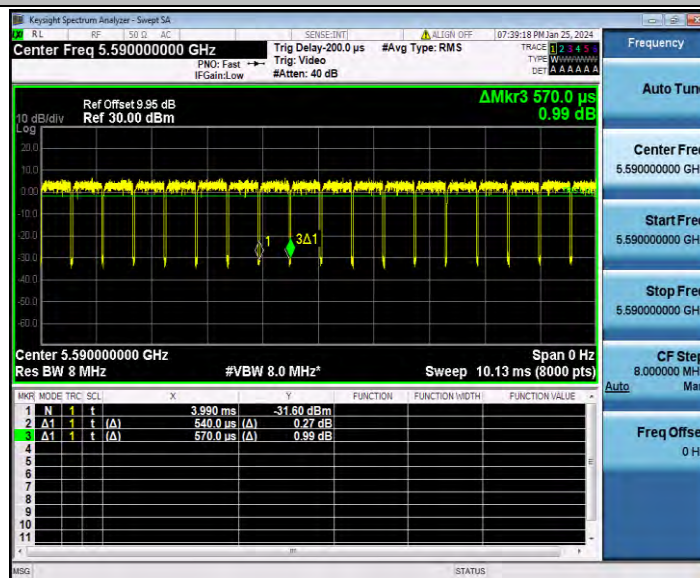
11AX20SISO_Ant1_5500



11AX40SISO_Ant1_5510



11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670

