

Case No. : <u>CTA24071502304</u>	
Ambient Condition: <u>23</u> °C, <u>54</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2024.8.4</u>	Test Engineer: <u>Lushan Kong</u>

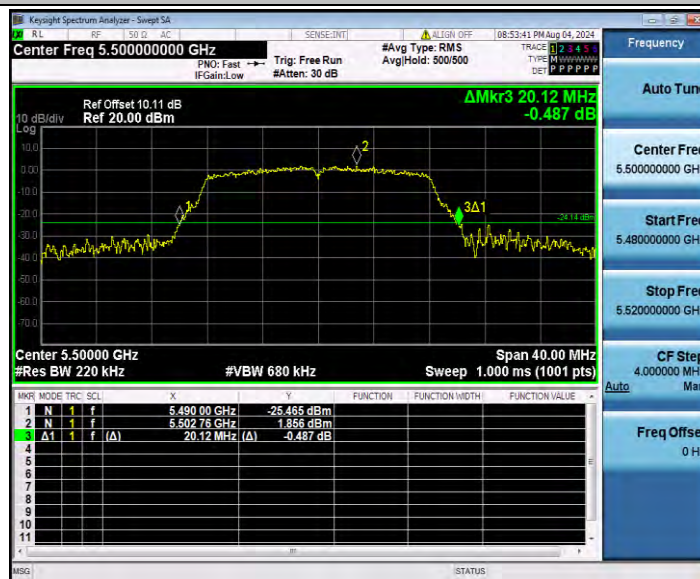
Appendix F.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	20.120	5490.000	5510.120	---	---
		5580	20.560	5569.920	5590.480	---	---
		5700	20.160	5689.800	5709.960	---	---
11N20SISO	Ant1	5500	20.040	5489.960	5510.000	---	---
		5580	22.960	5568.400	5591.360	---	---
		5700	21.760	5688.320	5710.080	---	---
11N40SISO	Ant1	5510	54.960	5489.200	5544.160	---	---
		5590	54.080	5557.360	5611.440	---	---
		5670	50.400	5641.040	5691.440	---	---
11AC20SISO	Ant1	5500	21.920	5489.840	5511.760	---	---
		5580	20.200	5569.880	5590.080	---	---
		5700	21.240	5689.120	5710.360	---	---
11AC40SISO	Ant1	5510	40.800	5489.680	5530.480	---	---
		5590	40.400	5569.680	5610.080	---	---
		5670	46.400	5644.080	5690.480	---	---
11AC80SISO	Ant1	5530	80.800	5490.000	5570.800	---	---
		5610	82.880	5567.280	5650.160	---	---

Test Graphs

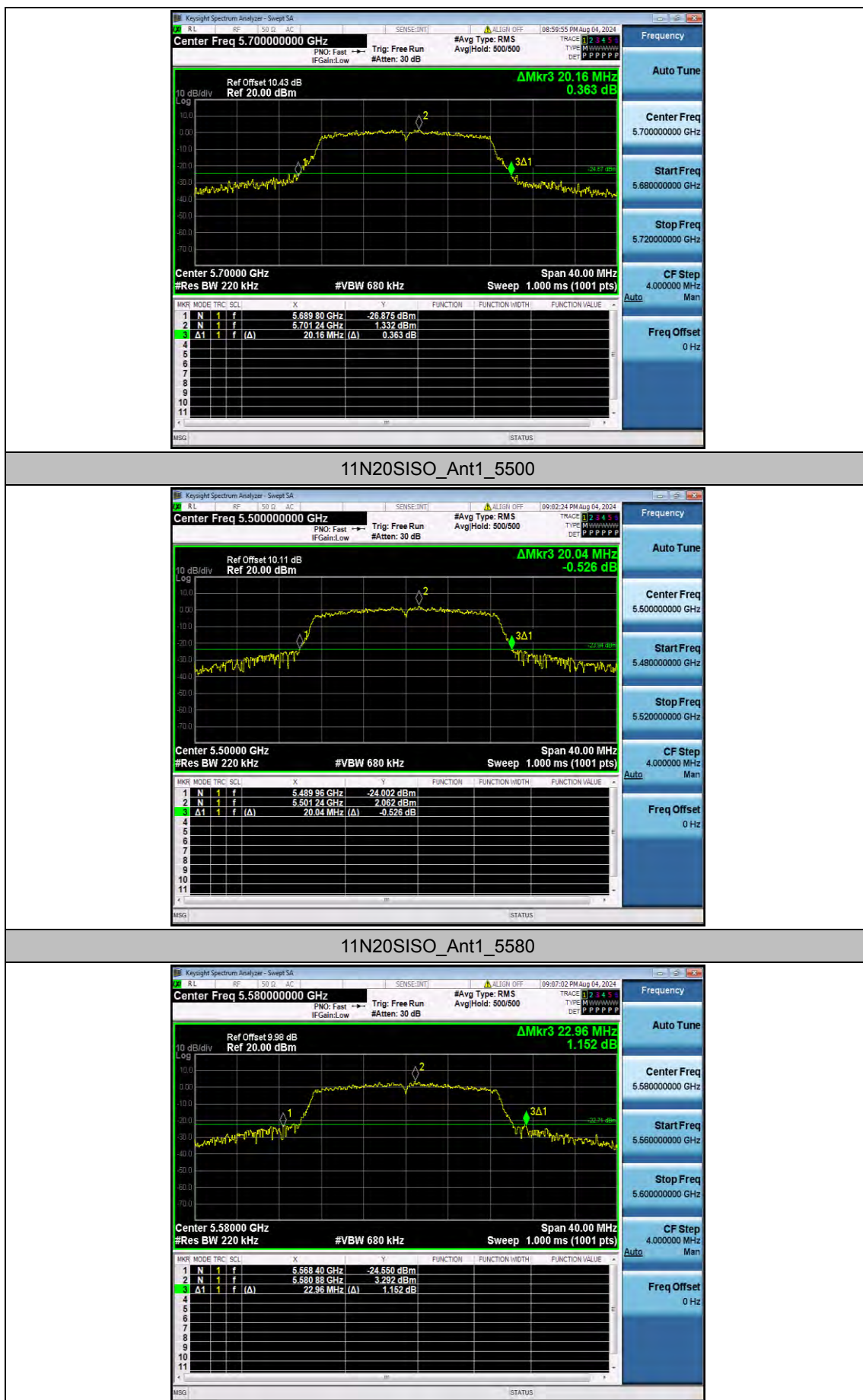
11A_Ant1_5500



11A_Ant1_5580



11A_Ant1_5700



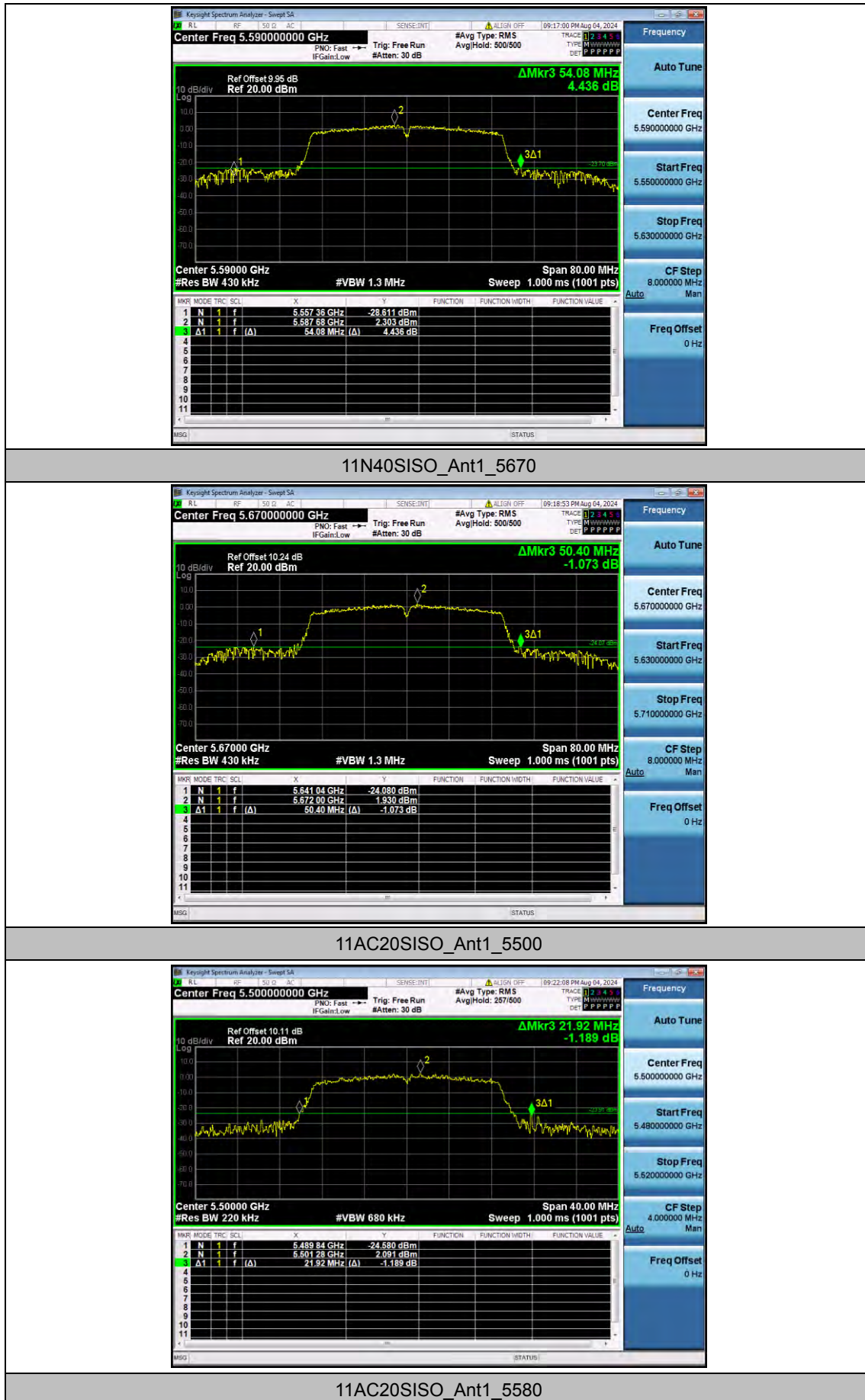
11N20SISO_Ant1_5700

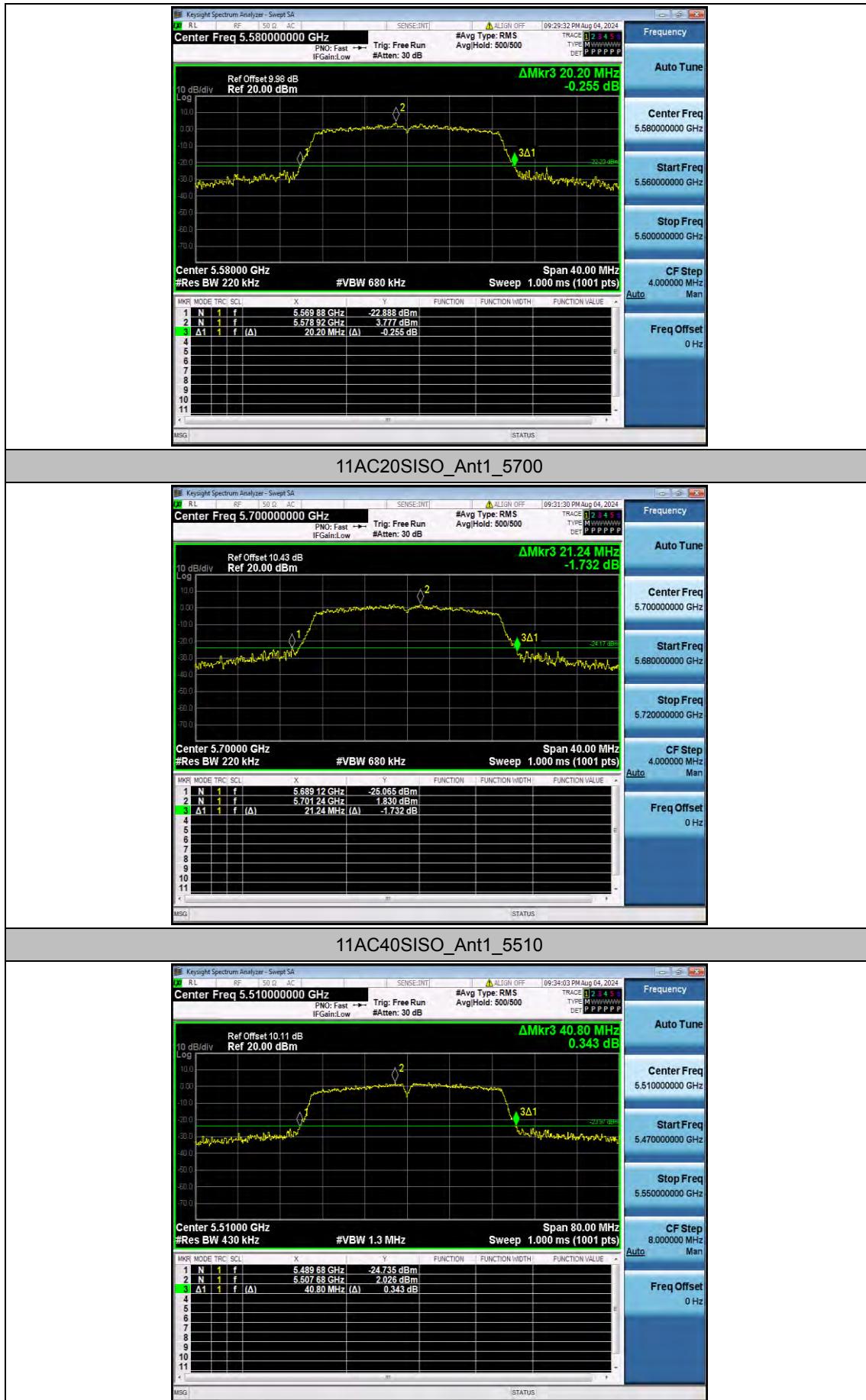


11N40SISO_Ant1_5510



11N40SISO_Ant1_5590





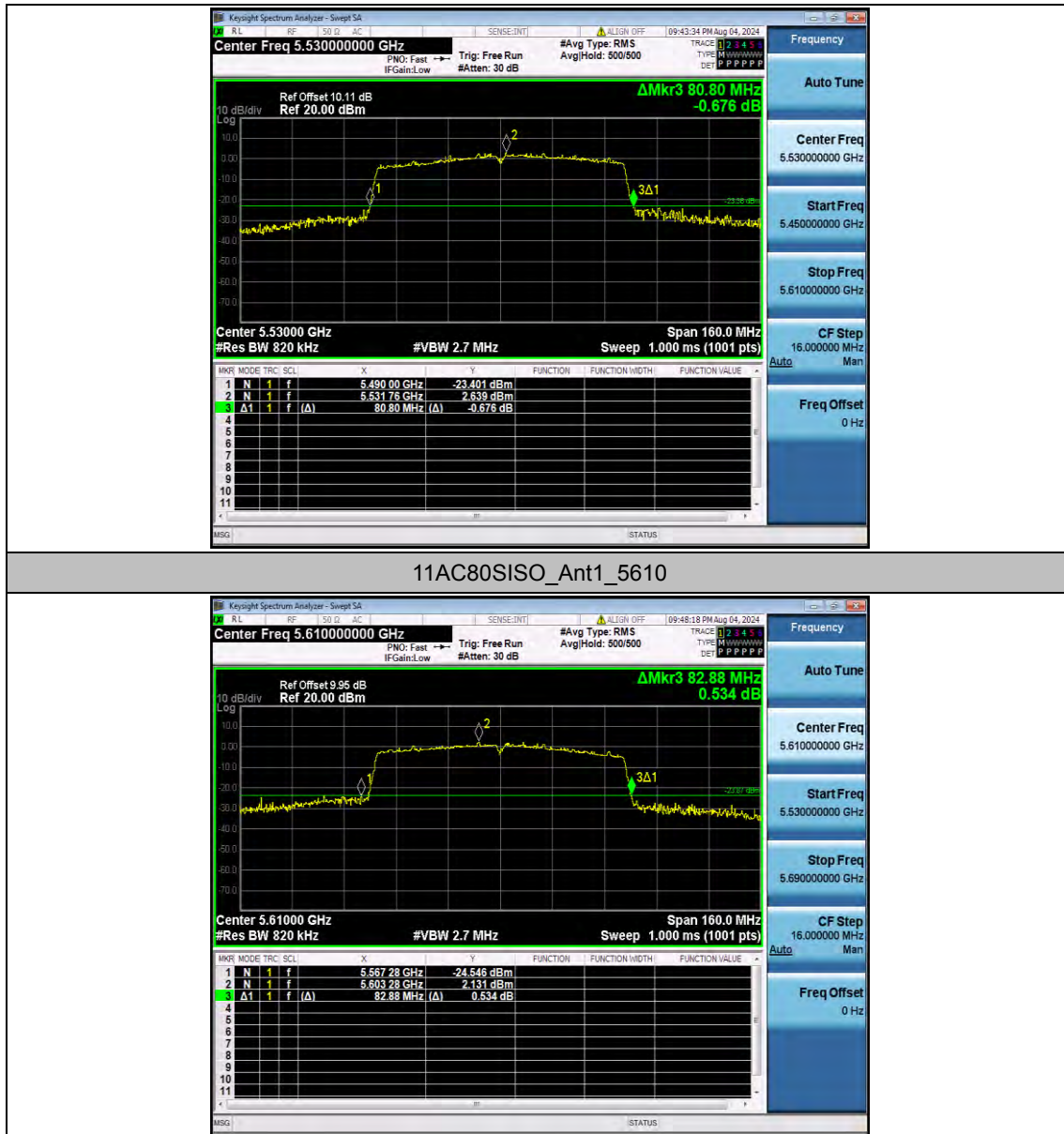
11AC40SISO_Ant1_5590



11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530

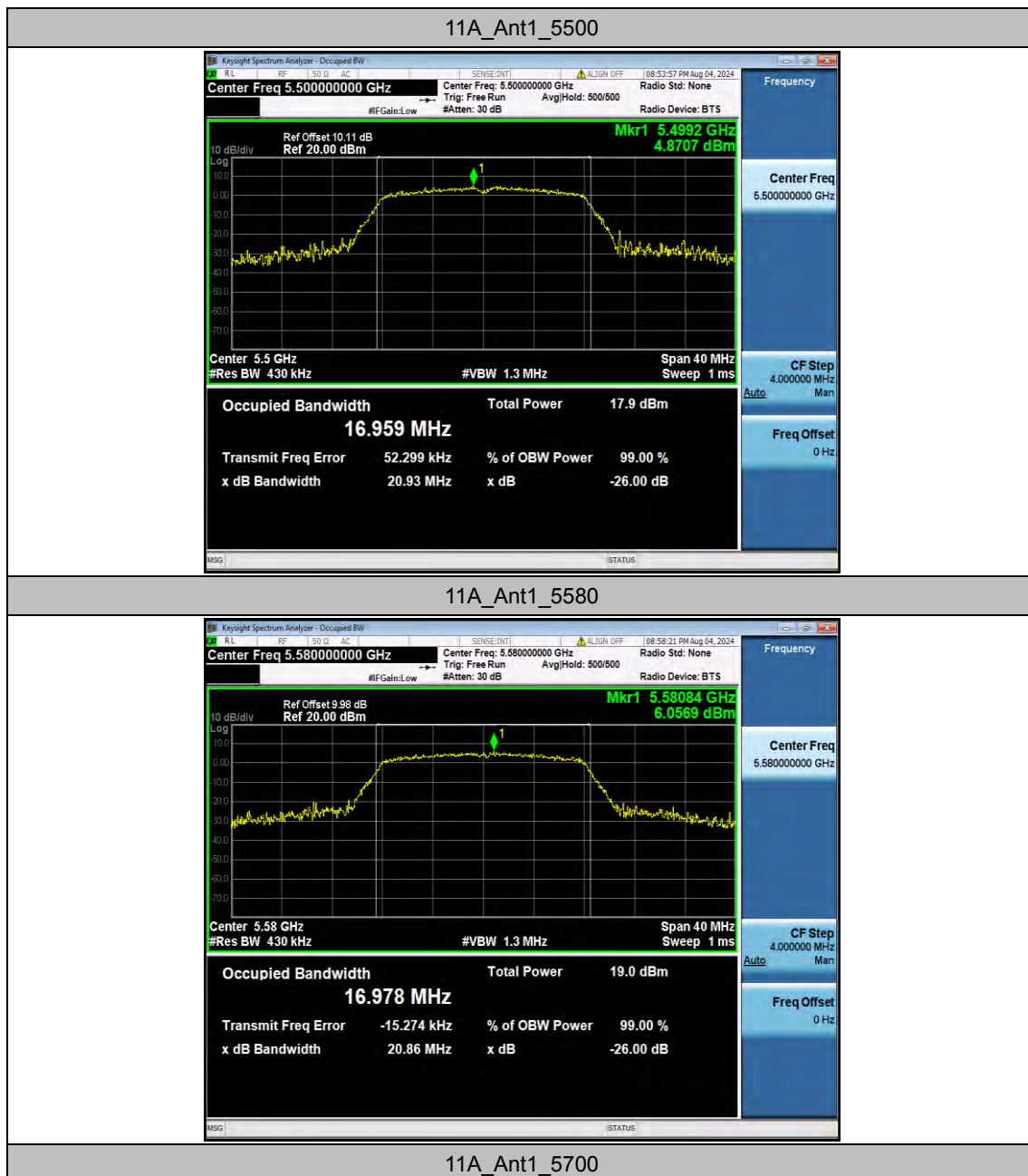


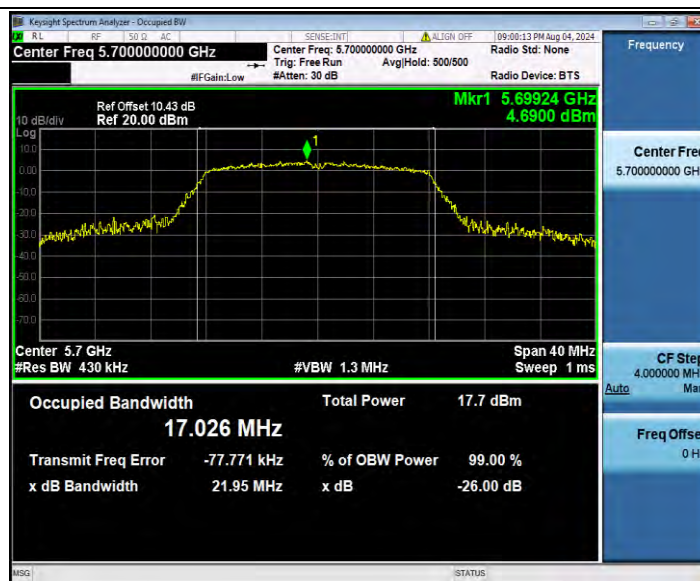
Appendix F.2: Occupied channel bandwidth

Test Result

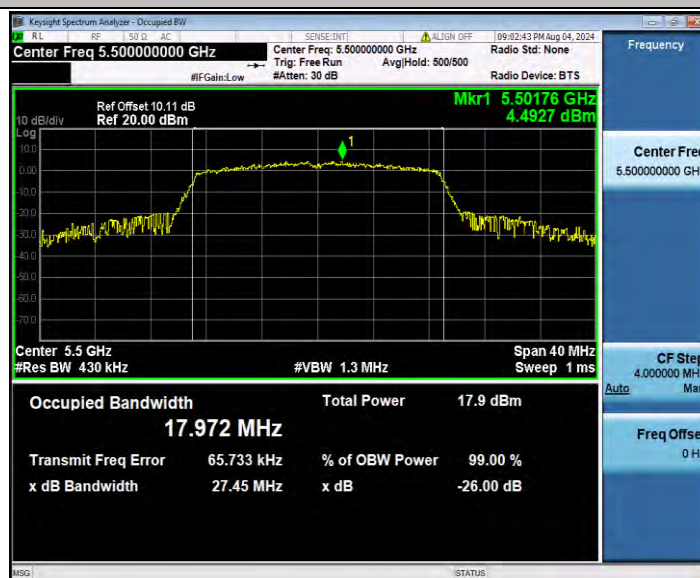
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	16.959	5491.5728	5508.5318	---	---
		5580	16.978	5571.4957	5588.4737	---	---
		5700	17.026	5691.4092	5708.4352	---	---
11N20SISO	Ant1	5500	17.972	5491.0797	5509.0517	---	---
		5580	18.109	5570.9186	5589.0276	---	---
		5700	18.032	5690.9140	5708.9460	---	---
11N40SISO	Ant1	5510	36.665	5491.8507	5528.5157	---	---
		5590	36.556	5571.6758	5608.2318	---	---
		5670	36.735	5651.5943	5688.3293	---	---
11AC20SISO	Ant1	5500	17.928	5491.0569	5508.9849	---	---
		5580	17.984	5570.9911	5588.9751	---	---
		5700	17.917	5690.9984	5708.9154	---	---
11AC40SISO	Ant1	5510	36.452	5491.9528	5528.4048	---	---
		5590	36.407	5571.7530	5608.1600	---	---
		5670	36.402	5651.7608	5688.1628	---	---
11AC80SISO	Ant1	5530	75.179	5492.7596	5567.9386	---	---
		5610	75.404	5572.0422	5647.4462	---	---

Test Graphs

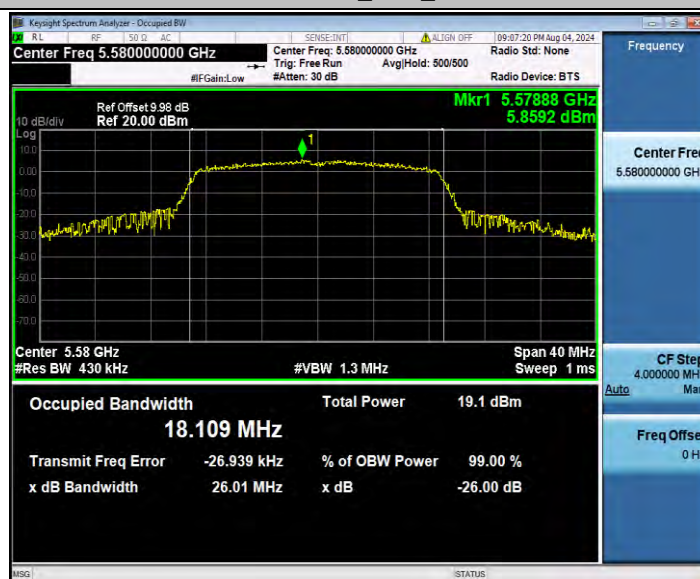




11N20SISO_Ant1_5500



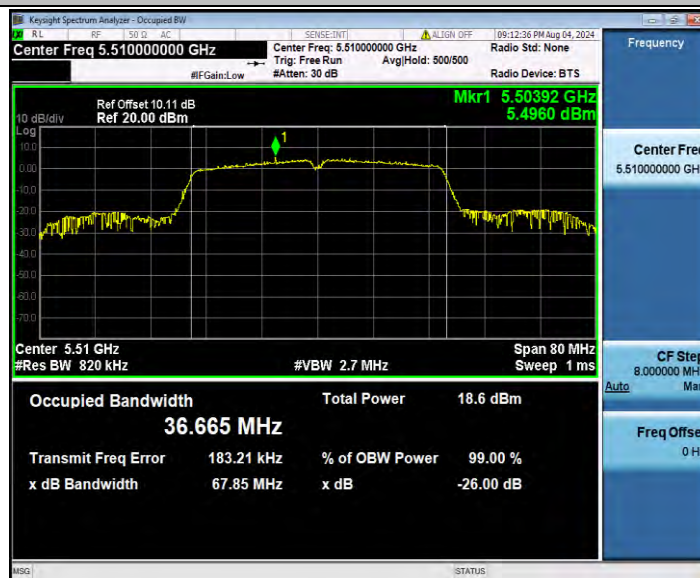
11N20SISO_Ant1_5580



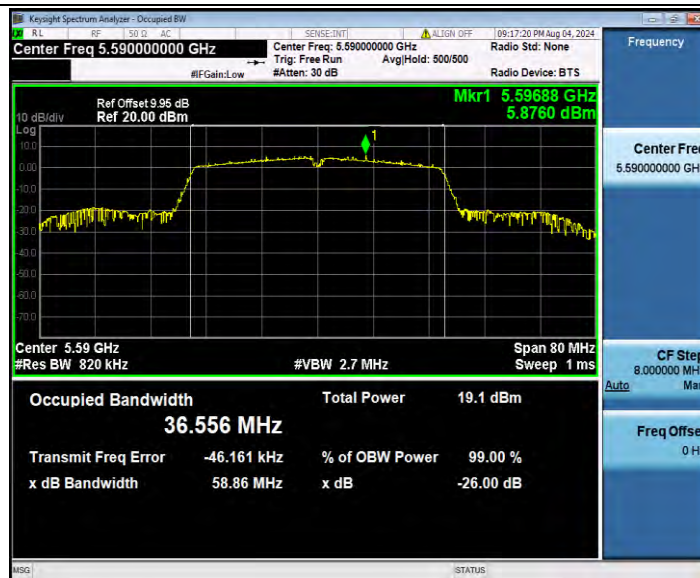
11N20SISO_Ant1_5700



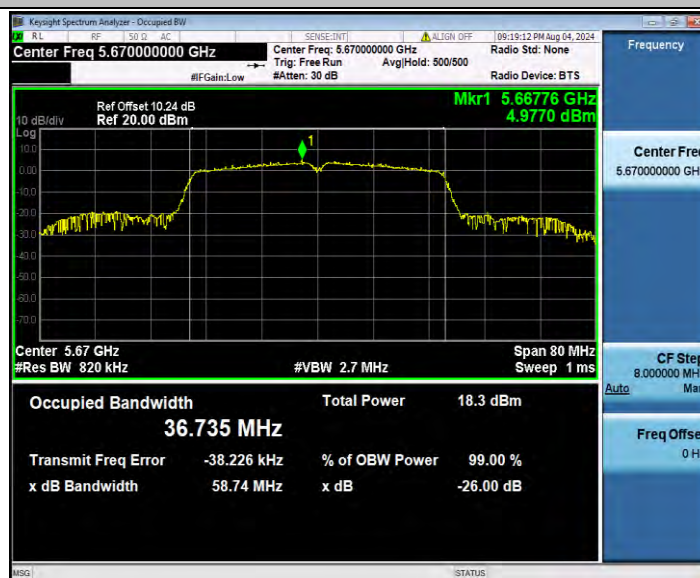
11N40SISO_Ant1_5510



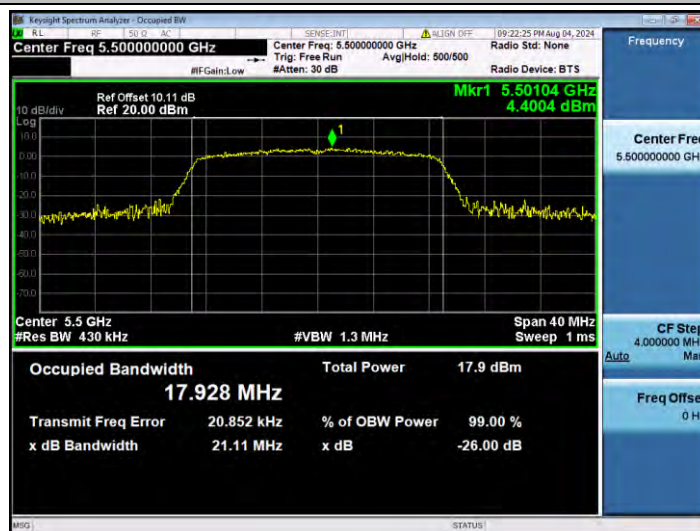
11N40SISO_Ant1_5590



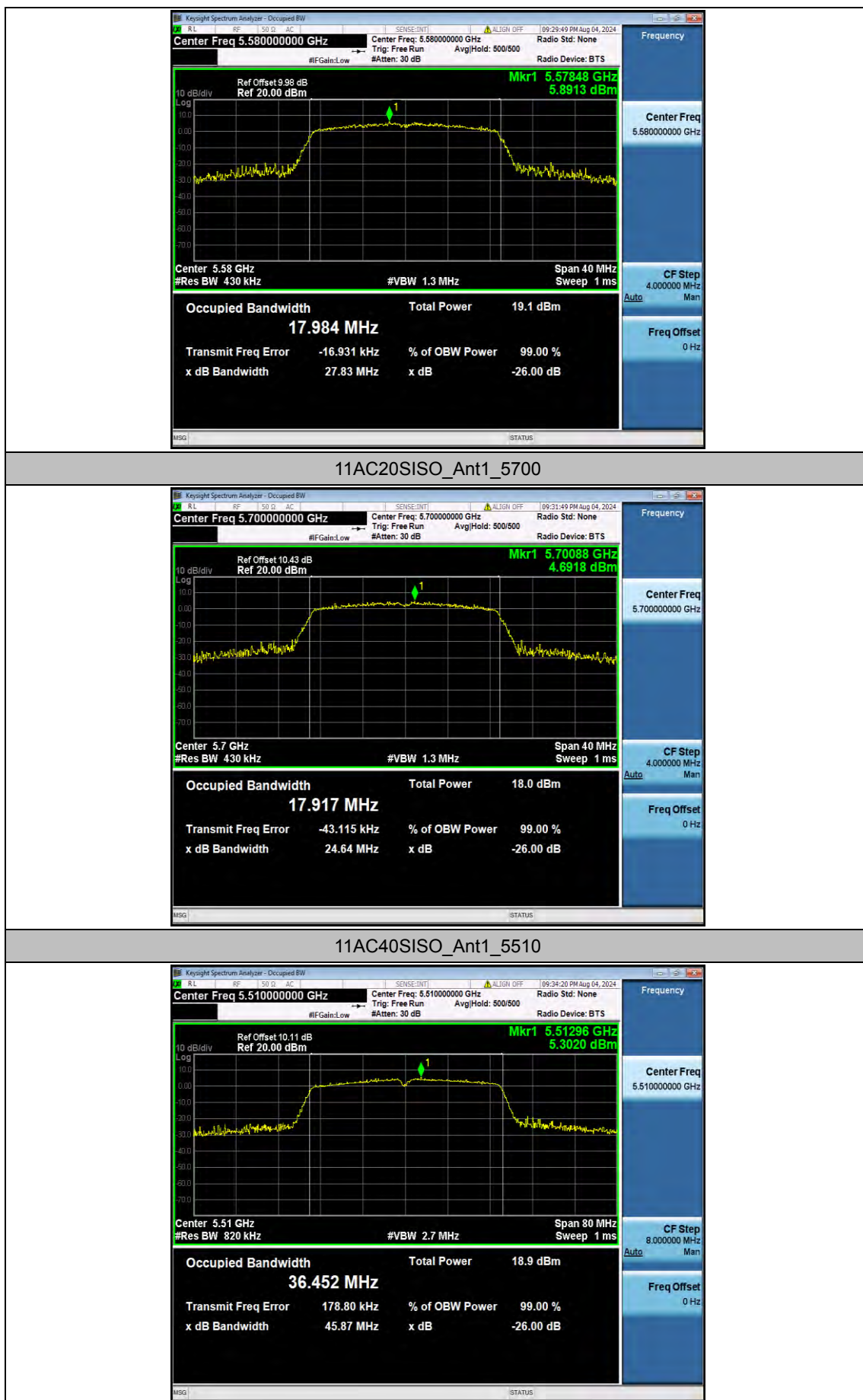
11N40SISO_Ant1_5670



11AC20SISO_Ant1_5500



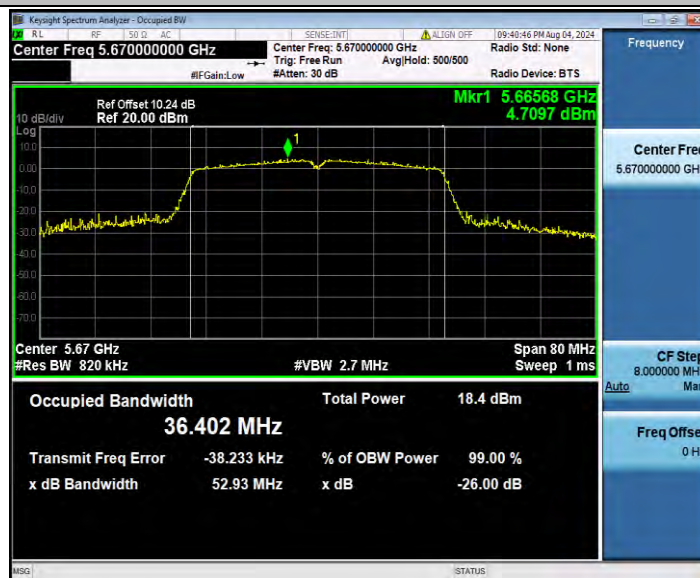
11AC20SISO_Ant1_5580



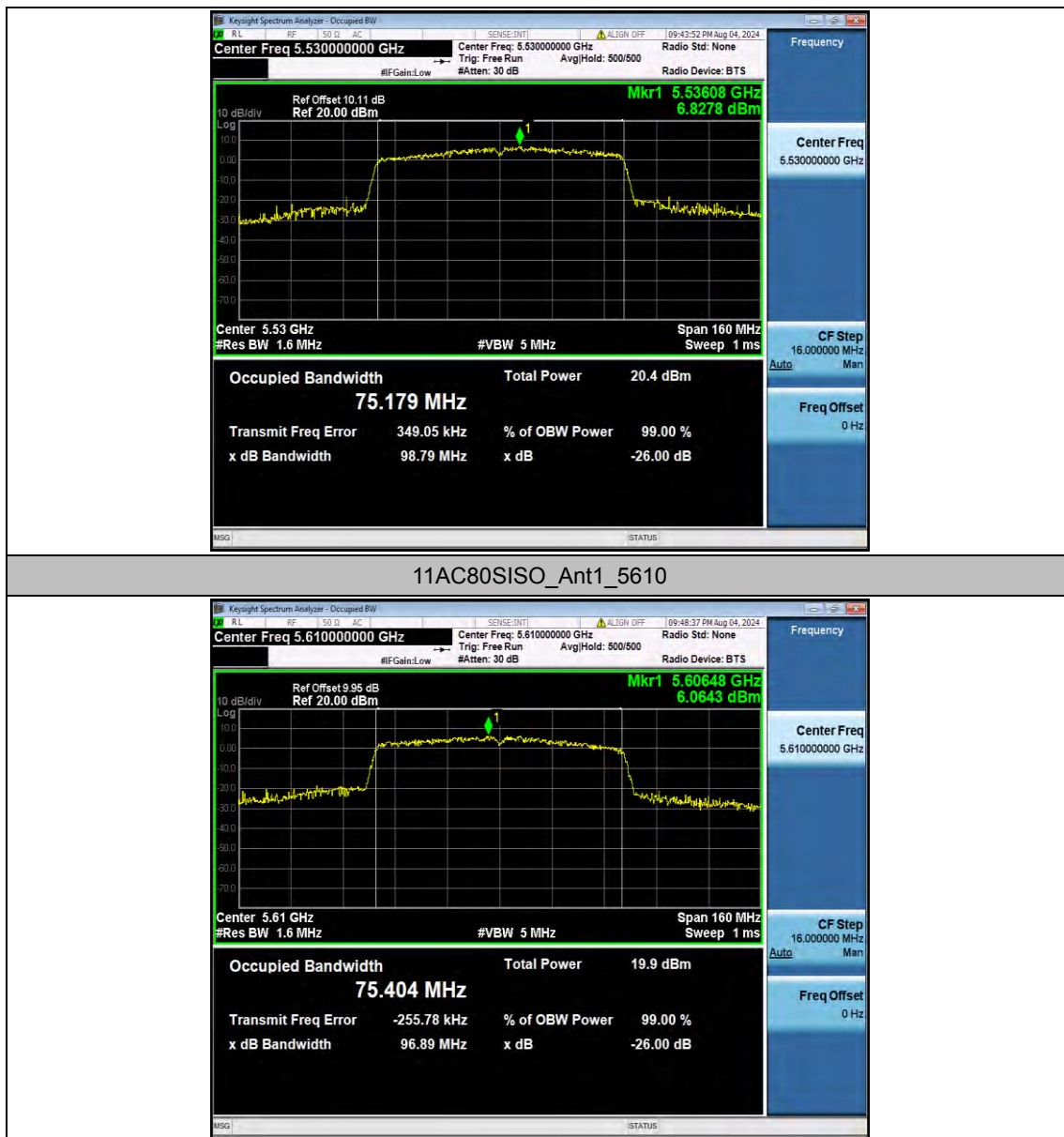
11AC40SISO_Ant1_5590



11AC40SISO_Ant1_5670



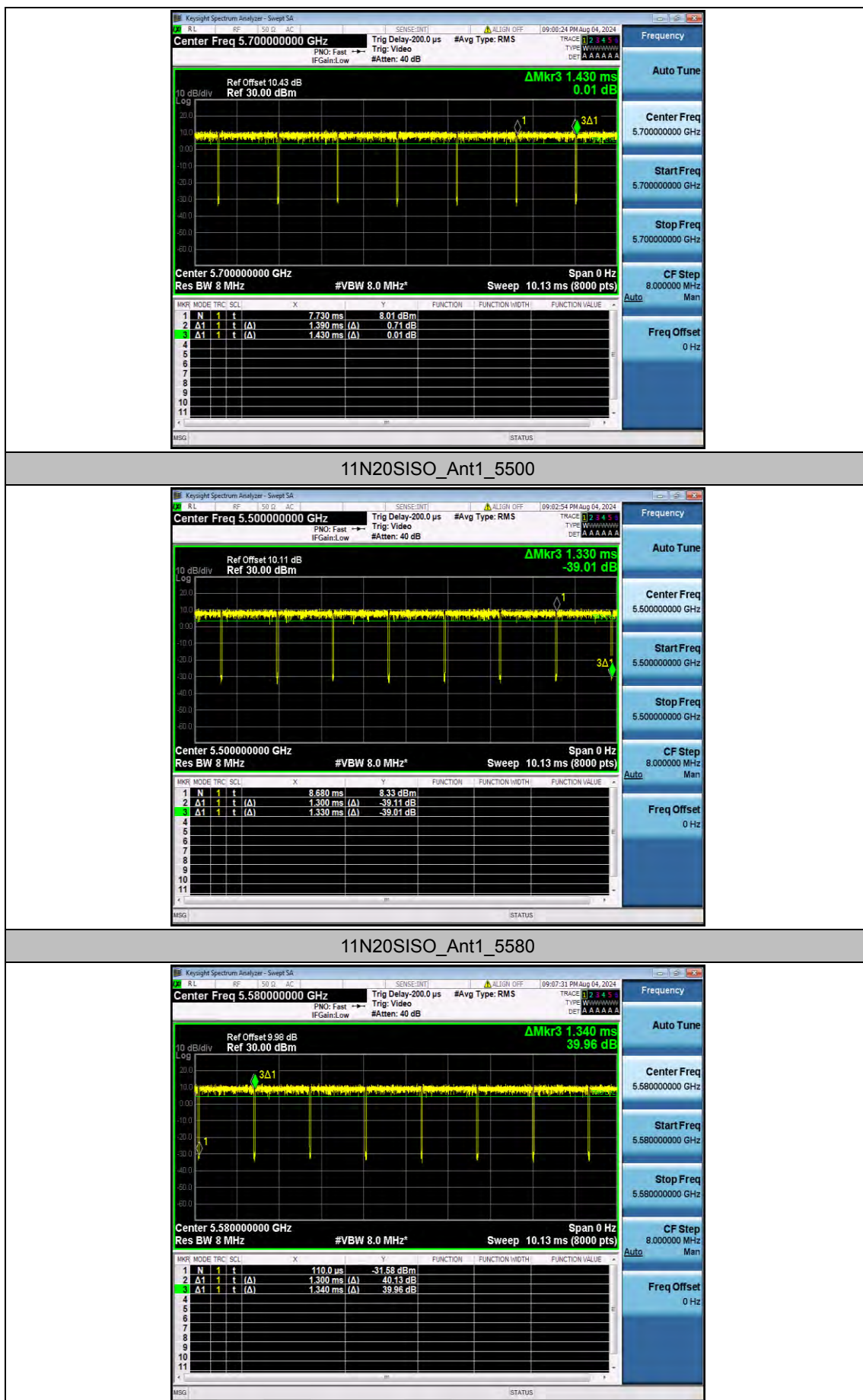
11AC80SISO_Ant1_5530



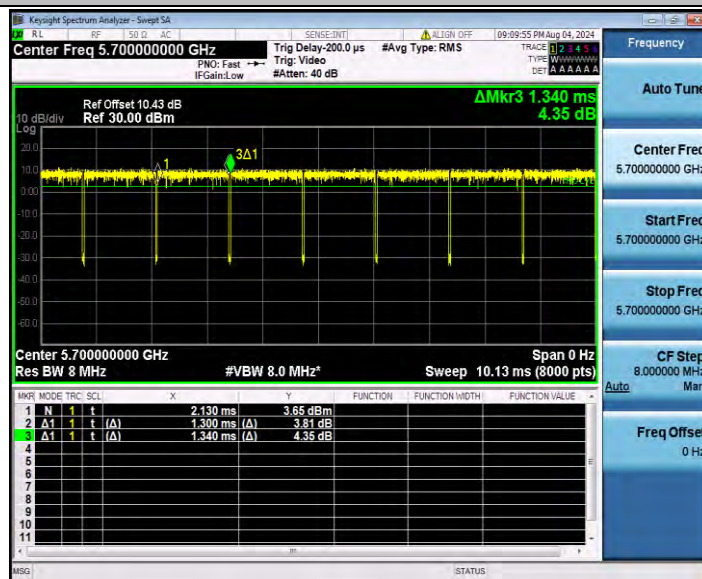
Appendix F.3: Duty Cycle

Test Result

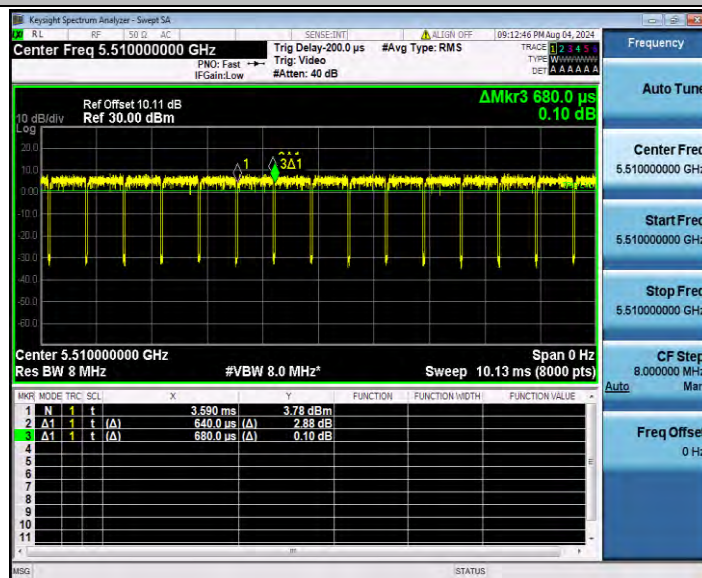
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5500	1.39	1.42	97.89	0.09	0.72
		5580	1.39	1.43	97.20	0.12	0.72
		5700	1.39	1.43	97.20	0.12	0.72
11N20SISO	Ant1	5500	1.30	1.33	97.74	0.10	0.77
		5580	1.30	1.34	97.01	0.13	0.77
		5700	1.30	1.34	97.01	0.13	0.77
11N40SISO	Ant1	5510	0.64	0.68	94.12	0.26	1.56
		5590	0.65	0.68	95.59	0.20	1.54
		5670	0.65	0.68	95.59	0.20	1.54
11AC20SISO	Ant1	5500	1.31	1.35	97.04	0.13	0.76
		5580	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	0.68	95.59	0.20	1.54
		5590	0.65	0.69	94.20	0.26	1.54
		5670	0.66	0.69	95.65	0.19	1.52
11AC80SISO	Ant1	5530	0.33	0.36	91.67	0.38	3.03
		5610	0.32	0.35	91.43	0.39	3.13



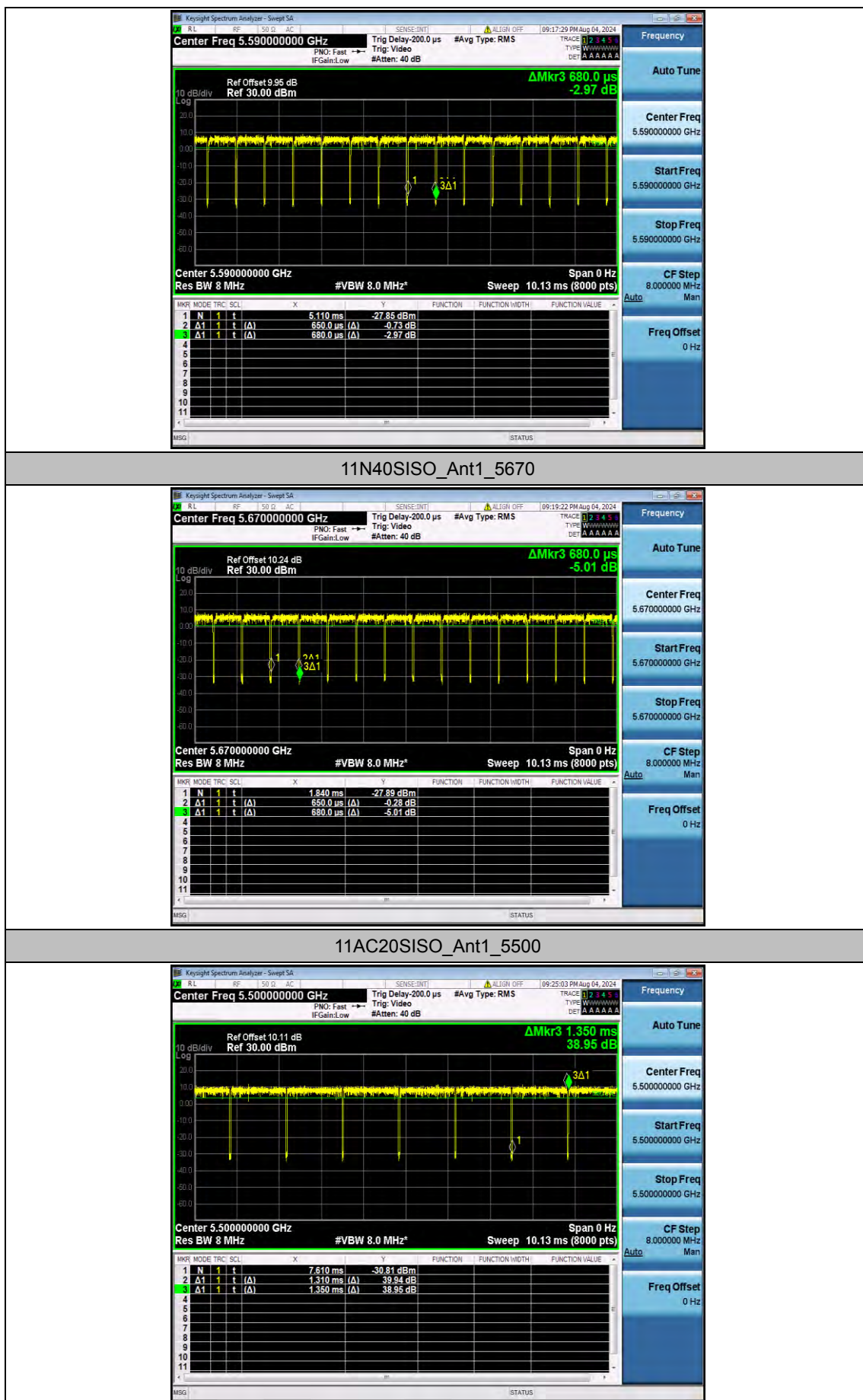
11N20SISO_Ant1_5700



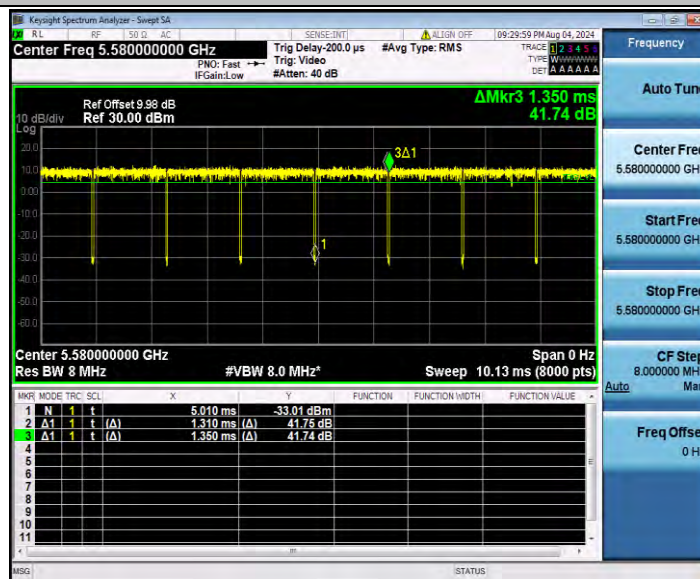
11N40SISO_Ant1_5510



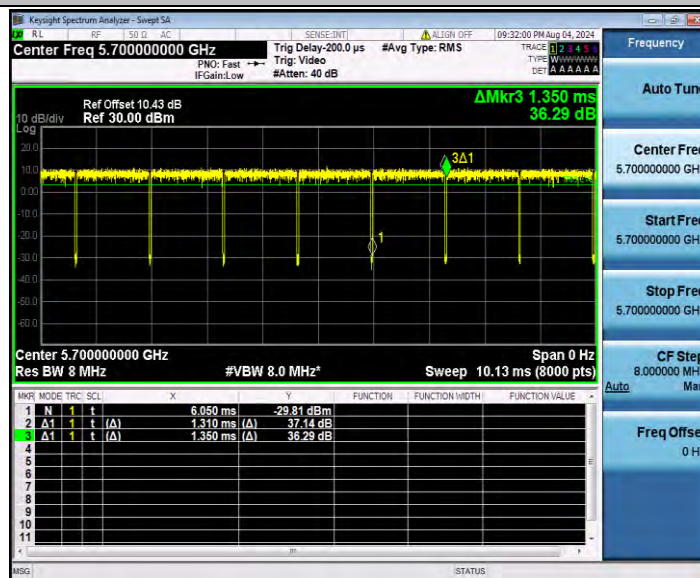
11N40SISO_Ant1_5590



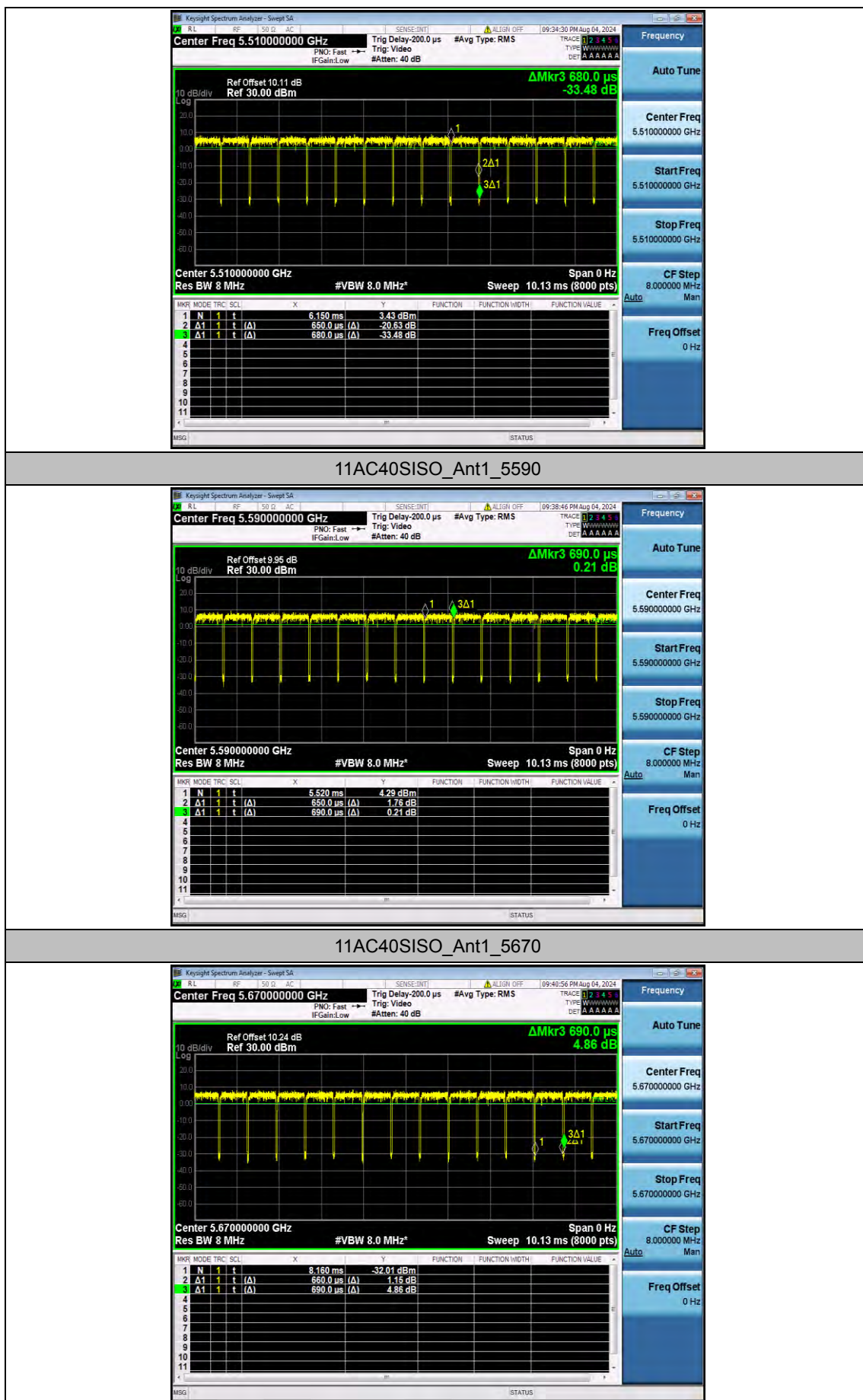
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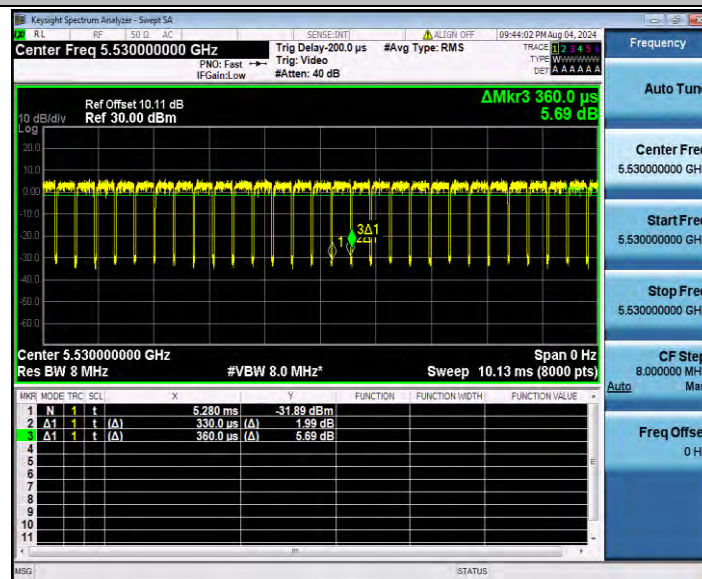
11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610

