

Case No. : <u>GTS20250225018-5-08</u>	
Ambient Condition: <u>21</u> °C, <u>53</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.5.14</u>	Test Engineer: <u>Evan ouyang</u>

Appendix D.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	22.920	5488.160	5511.080	---	---
		5580	22.360	5568.600	5590.960	---	---
		5700	22.720	5688.400	5711.120	---	---
11N20SISO	Ant1	5500	23.120	5488.400	5511.520	---	---
		5580	22.520	5568.440	5590.960	---	---
		5700	22.680	5688.400	5711.080	---	---
11N40SISO	Ant1	5510	42.640	5488.880	5531.520	---	---
		5590	43.520	5568.000	5611.520	---	---
		5670	42.720	5648.800	5691.520	---	---
11AC20SISO	Ant1	5500	23.120	5488.320	5511.440	---	---
		5580	22.960	5568.600	5591.560	---	---
		5700	22.560	5688.640	5711.200	---	---
11AC40SISO	Ant1	5510	42.720	5488.800	5531.520	---	---
		5590	42.880	5568.400	5611.280	---	---
		5670	43.120	5648.480	5691.600	---	---
11AC80SISO	Ant1	5530	85.120	5487.760	5572.880	---	---
		5610	85.920	5567.120	5653.040	---	---
11AX20SISO	Ant1	5500	22.280	5488.800	5511.080	---	---
		5580	22.760	5568.280	5591.040	---	---
		5700	23.040	5688.480	5711.520	---	---
11AX40SISO	Ant1	5510	41.840	5489.440	5531.280	---	---
		5590	41.920	5569.040	5610.960	---	---
		5670	42.000	5648.720	5690.720	---	---
11AX80SISO	Ant1	5530	82.720	5488.720	5571.440	---	---
		5610	83.680	5568.080	5651.760	---	---

Test Graphs





11N20SISO_Ant1_5700



11N40SISO_Ant1_5510



11N40SISO_Ant1_5590



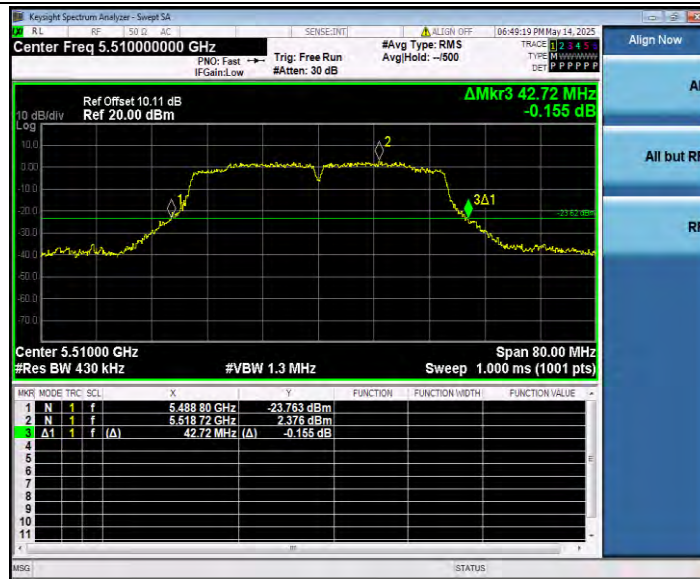
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11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



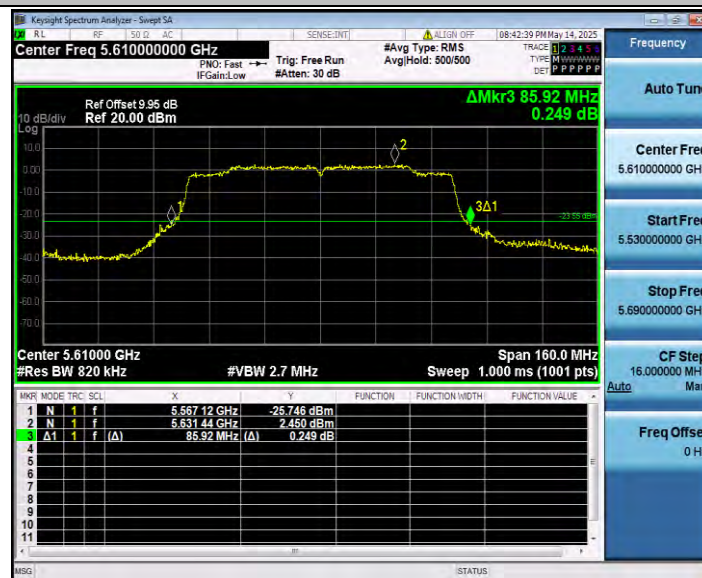
11AC40SISO_Ant1_5670



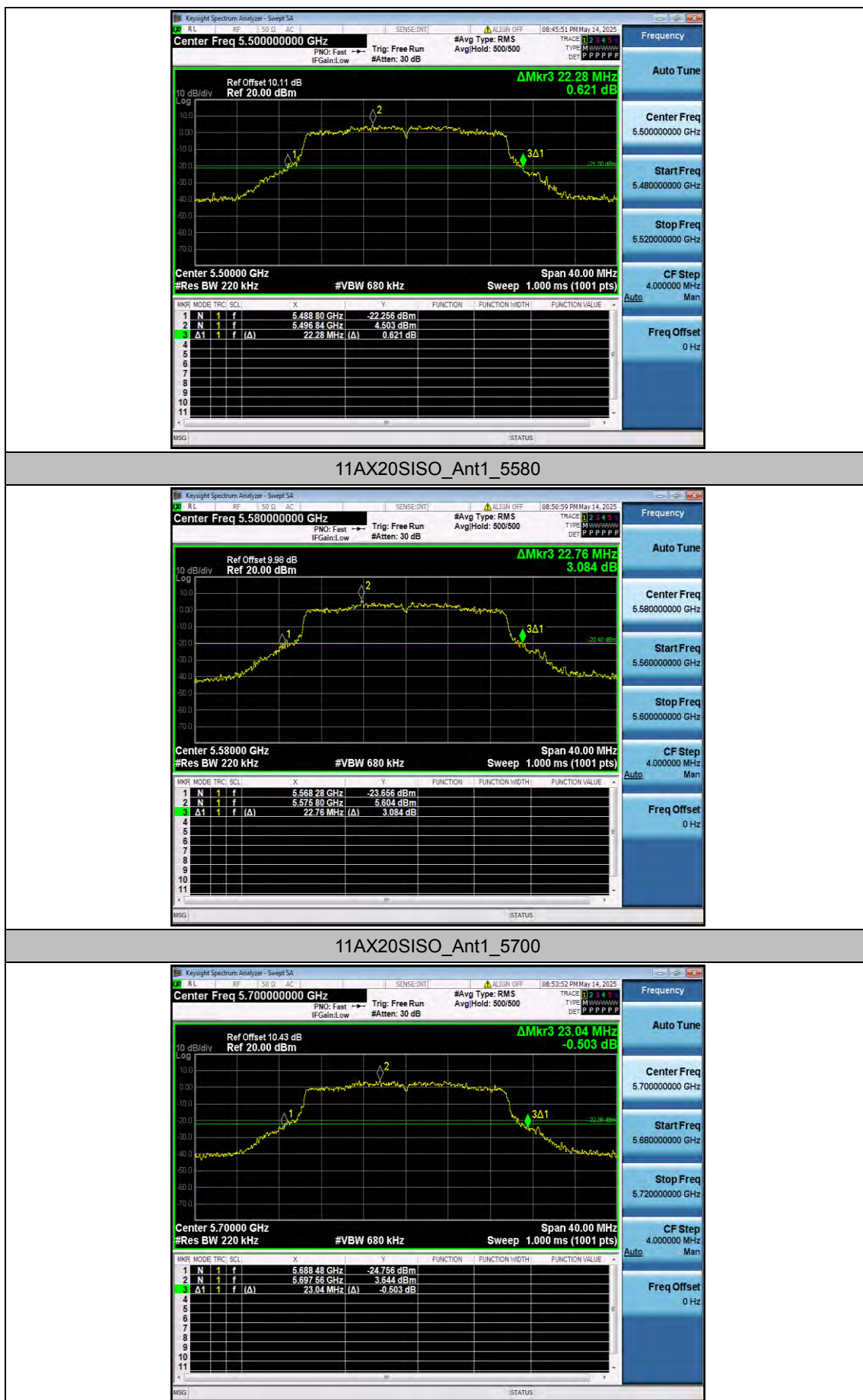
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11AC80SISO_Ant1_5610



11AX20SISO_Ant1_5500



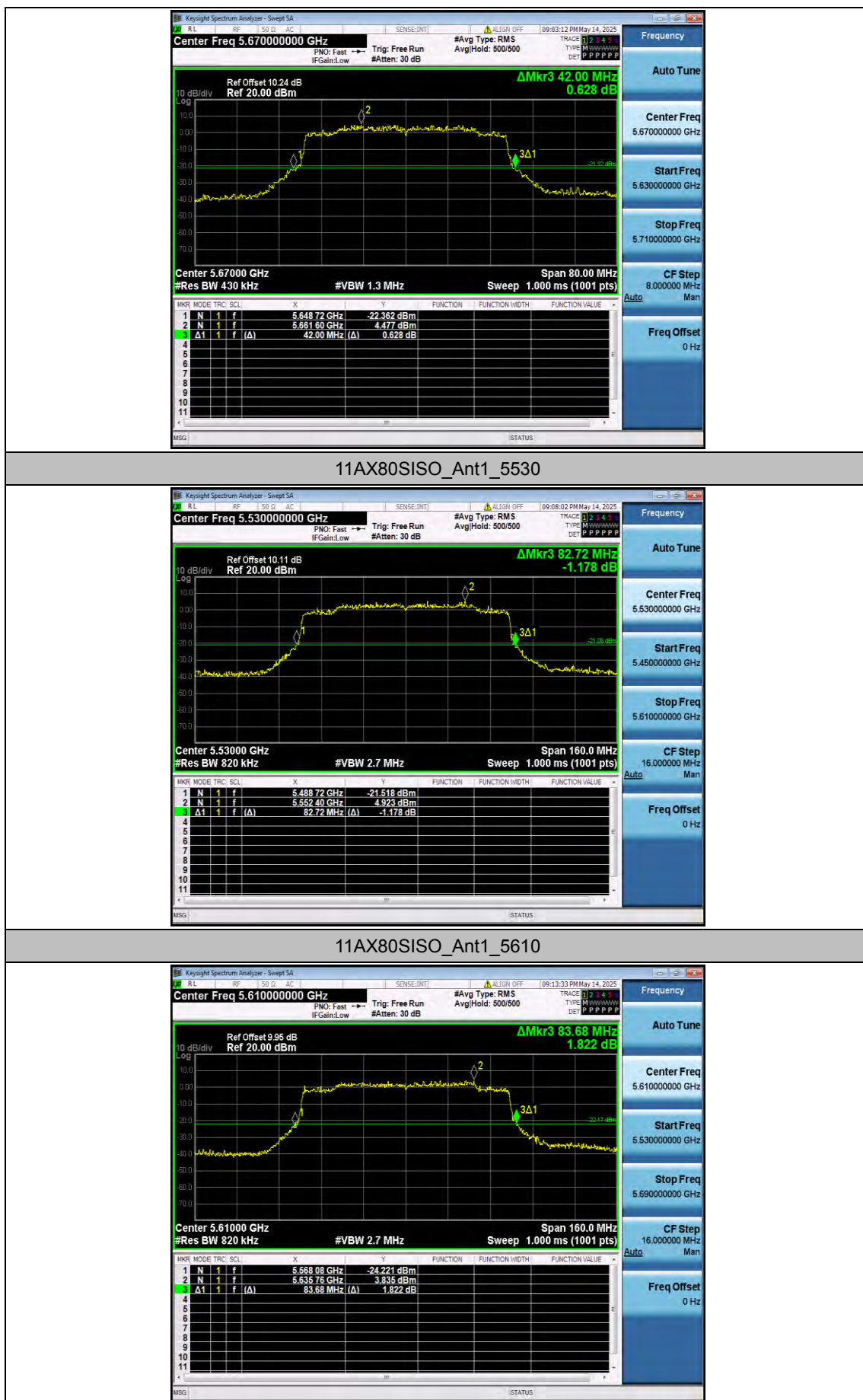
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11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670

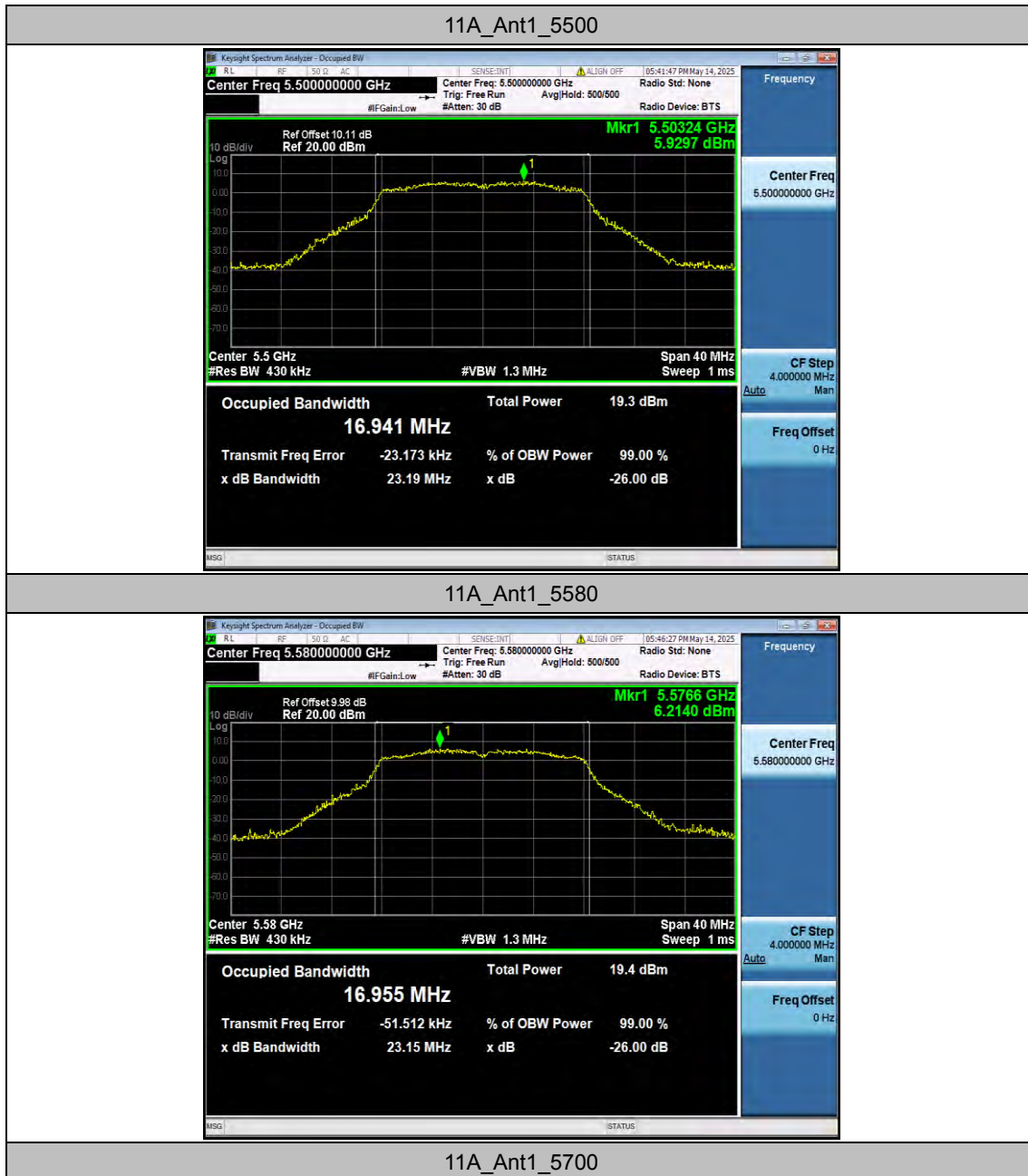


Appendix D.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	16.941	5491.5063	5508.4473	---	---
		5580	16.955	5571.4710	5588.4260	---	---
		5700	16.953	5691.5096	5708.4626	---	---
11N20SISO	Ant1	5500	17.979	5490.9927	5508.9717	---	---
		5580	18.057	5570.9453	5589.0023	---	---
		5700	18.016	5690.9706	5708.9866	---	---
11N40SISO	Ant1	5510	36.273	5491.9590	5528.2320	---	---
		5590	36.240	5571.9106	5608.1506	---	---
		5670	36.170	5651.9213	5688.0913	---	---
11AC20SISO	Ant1	5500	18.016	5490.9967	5509.0127	---	---
		5580	17.975	5570.9747	5588.9497	---	---
		5700	17.972	5691.0239	5708.9959	---	---
11AC40SISO	Ant1	5510	36.246	5491.9505	5528.1965	---	---
		5590	36.216	5571.8859	5608.1019	---	---
		5670	36.085	5651.9752	5688.0602	---	---
11AC80SISO	Ant1	5530	75.302	5492.4492	5567.7512	---	---
		5610	75.455	5572.4061	5647.8611	---	---
11AX20SISO	Ant1	5500	18.951	5490.5222	5509.4732	---	---
		5580	18.956	5570.4965	5589.4525	---	---
		5700	18.971	5690.5109	5709.4819	---	---
11AX40SISO	Ant1	5510	37.679	5491.2585	5528.9375	---	---
		5590	37.654	5571.1365	5608.7905	---	---
		5670	37.535	5651.1898	5688.7248	---	---
11AX80SISO	Ant1	5530	76.709	5491.7407	5568.4497	---	---
		5610	76.963	5571.5626	5648.5256	---	---

Test Graphs

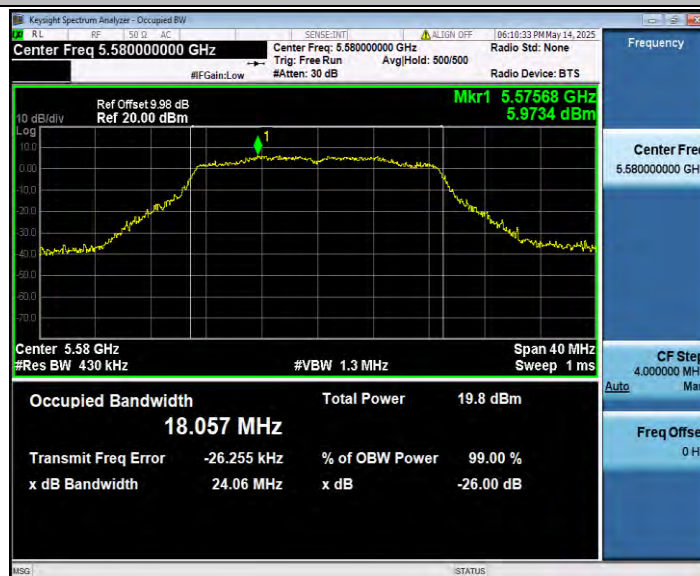




11N20SISO_Ant1_5500



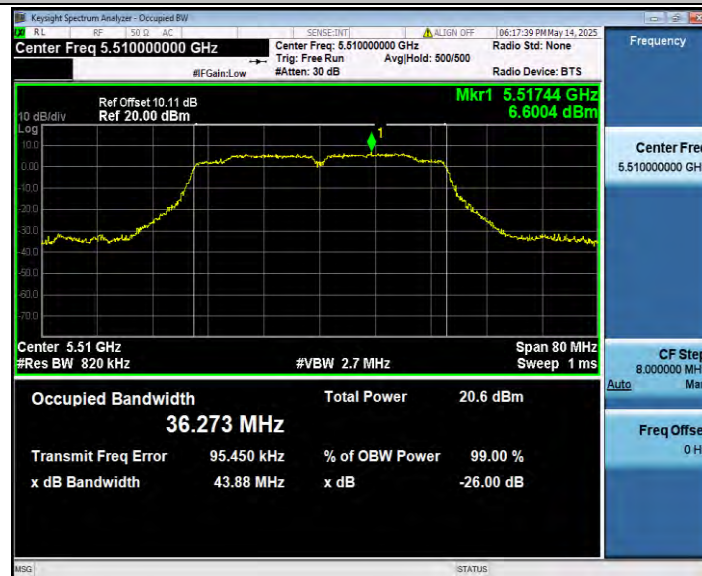
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11N20SISO_Ant1_5700



11N40SISO_Ant1_5510



11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700



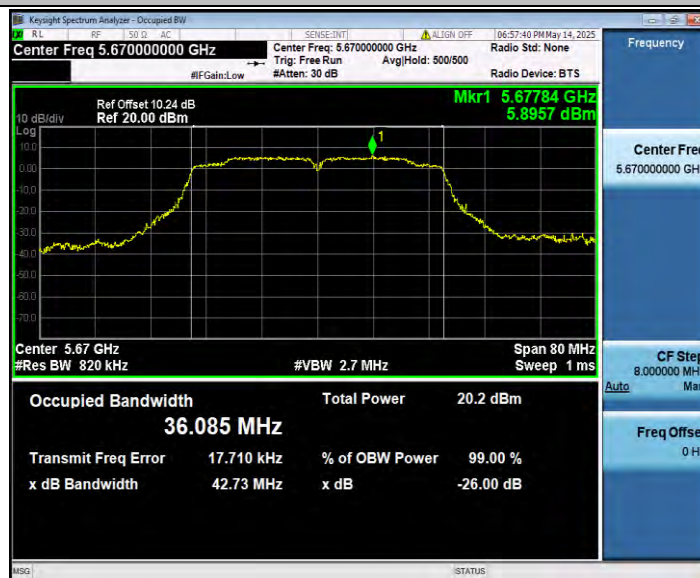
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11AC40SISO_Ant1_5590



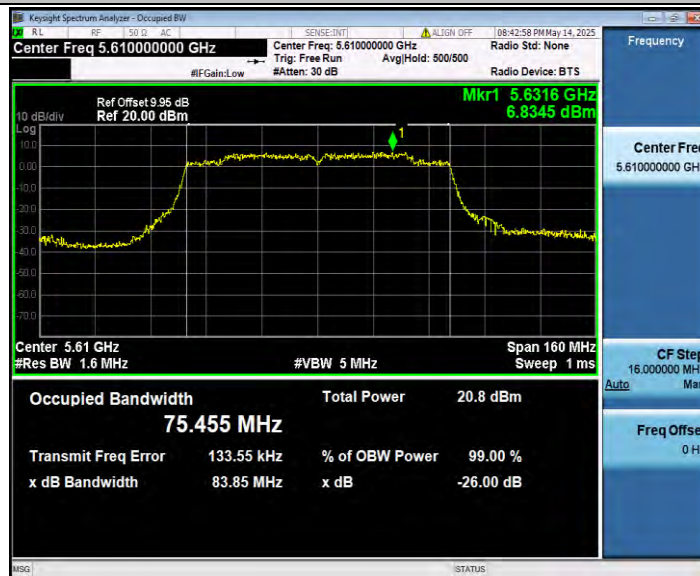
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11AC80SISO_Ant1_5530



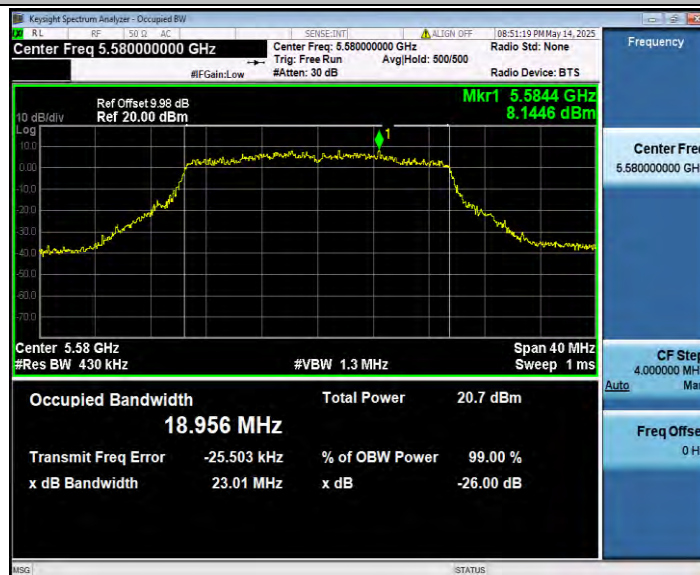
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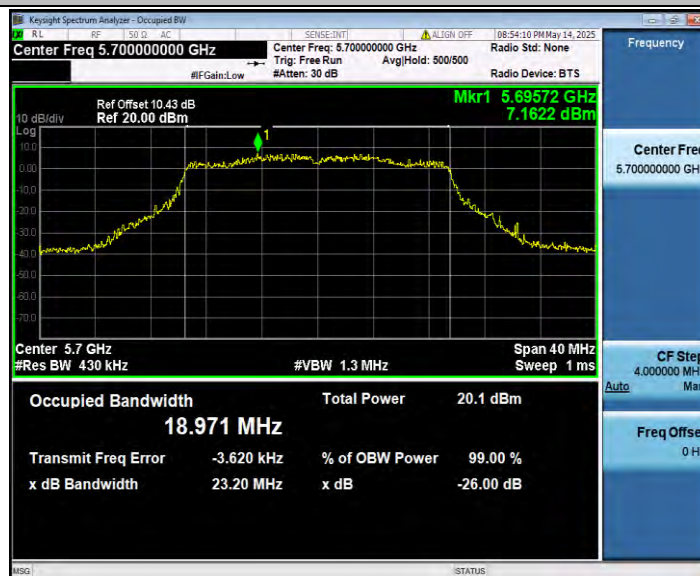
11AX20SISO_Ant1_5500



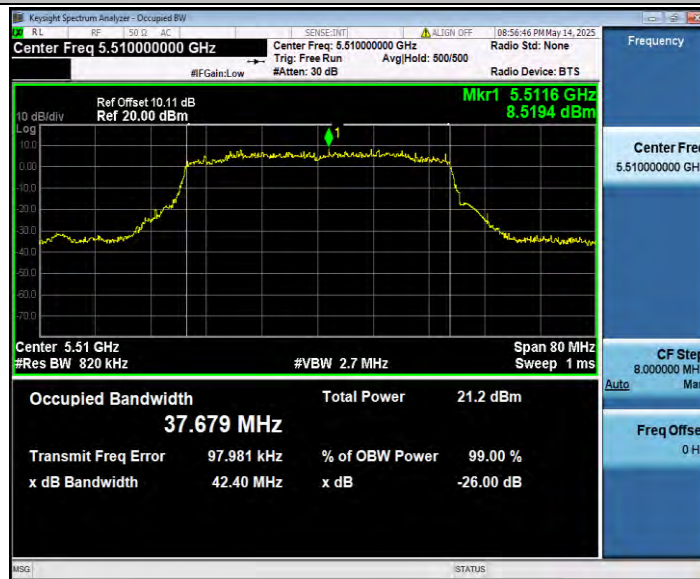
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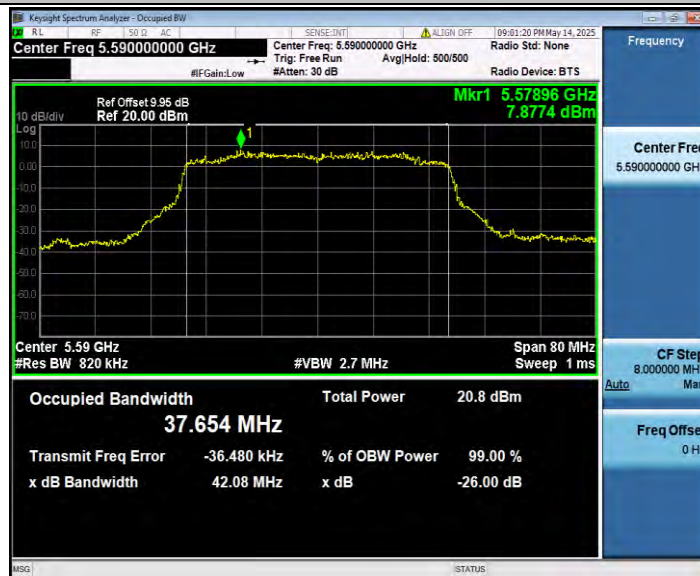
11AX20SISO_Ant1_5700



11AX40SISO_Ant1_5510



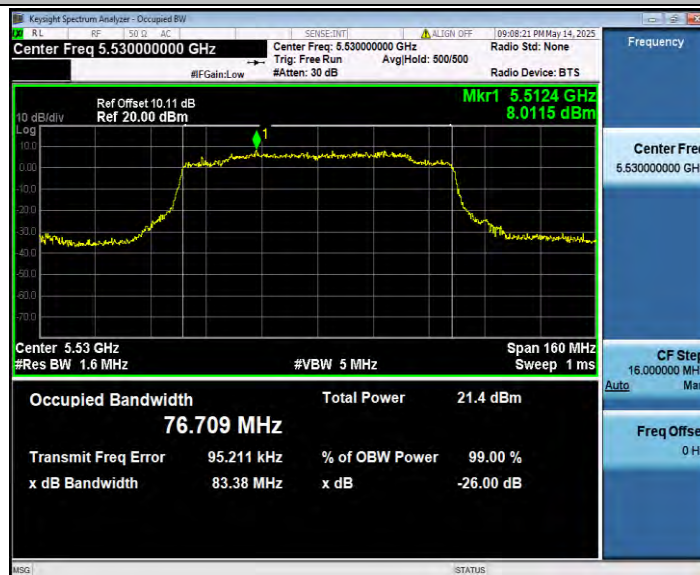
11AX40SISO_Ant1_5590



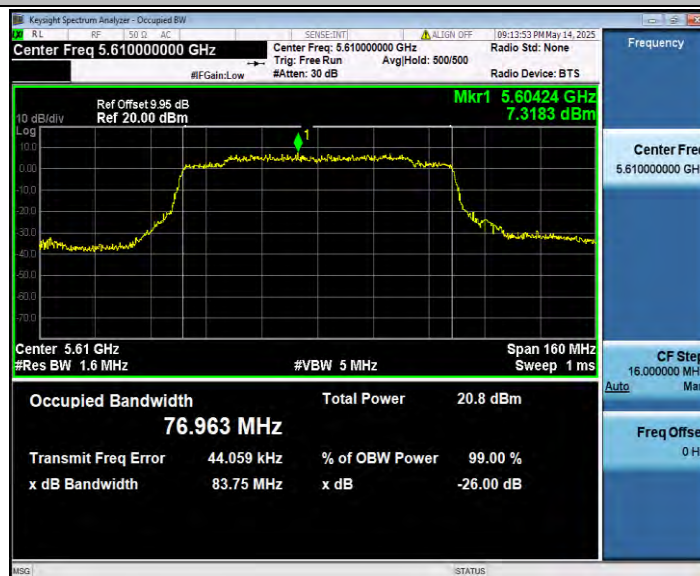
11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



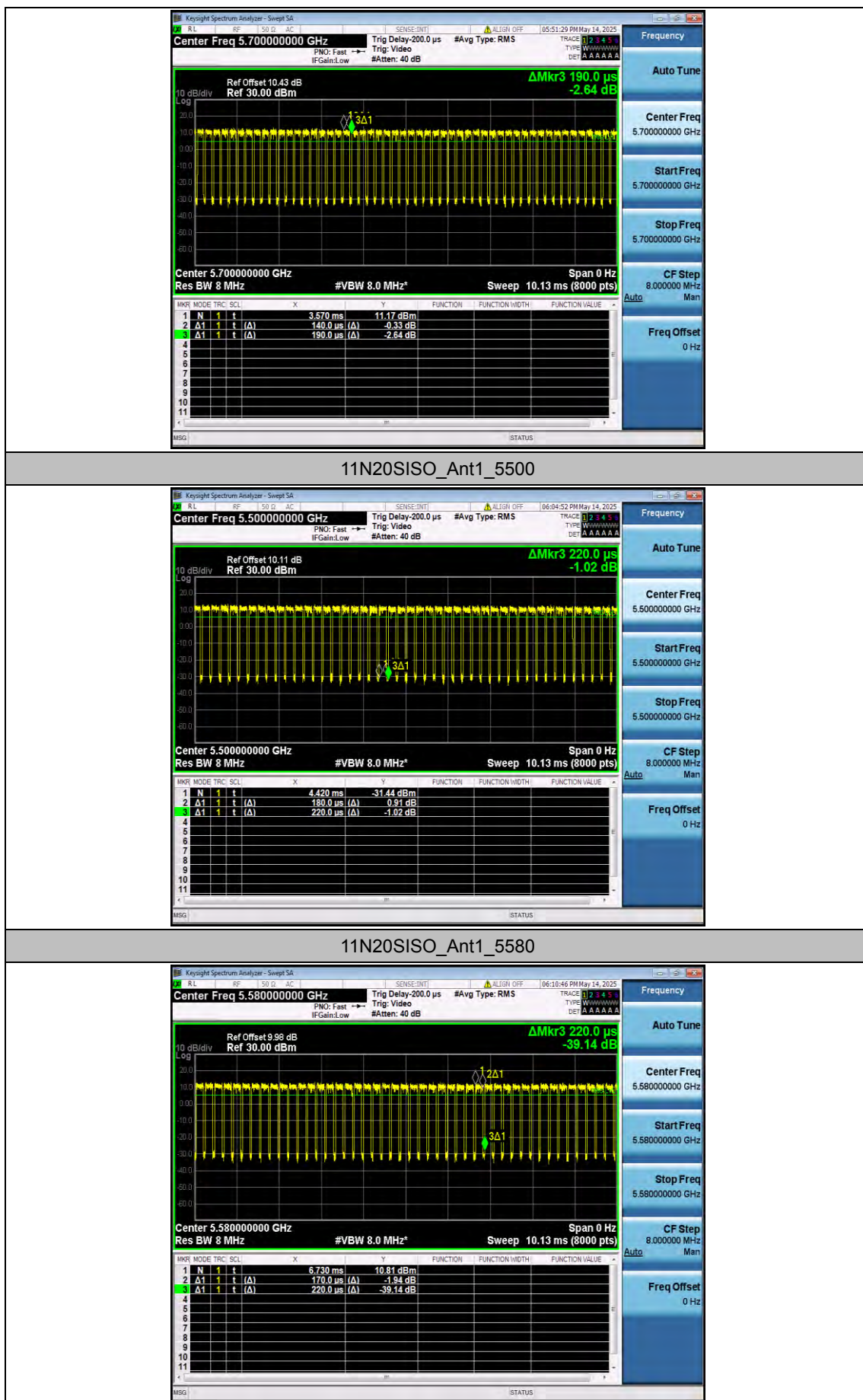
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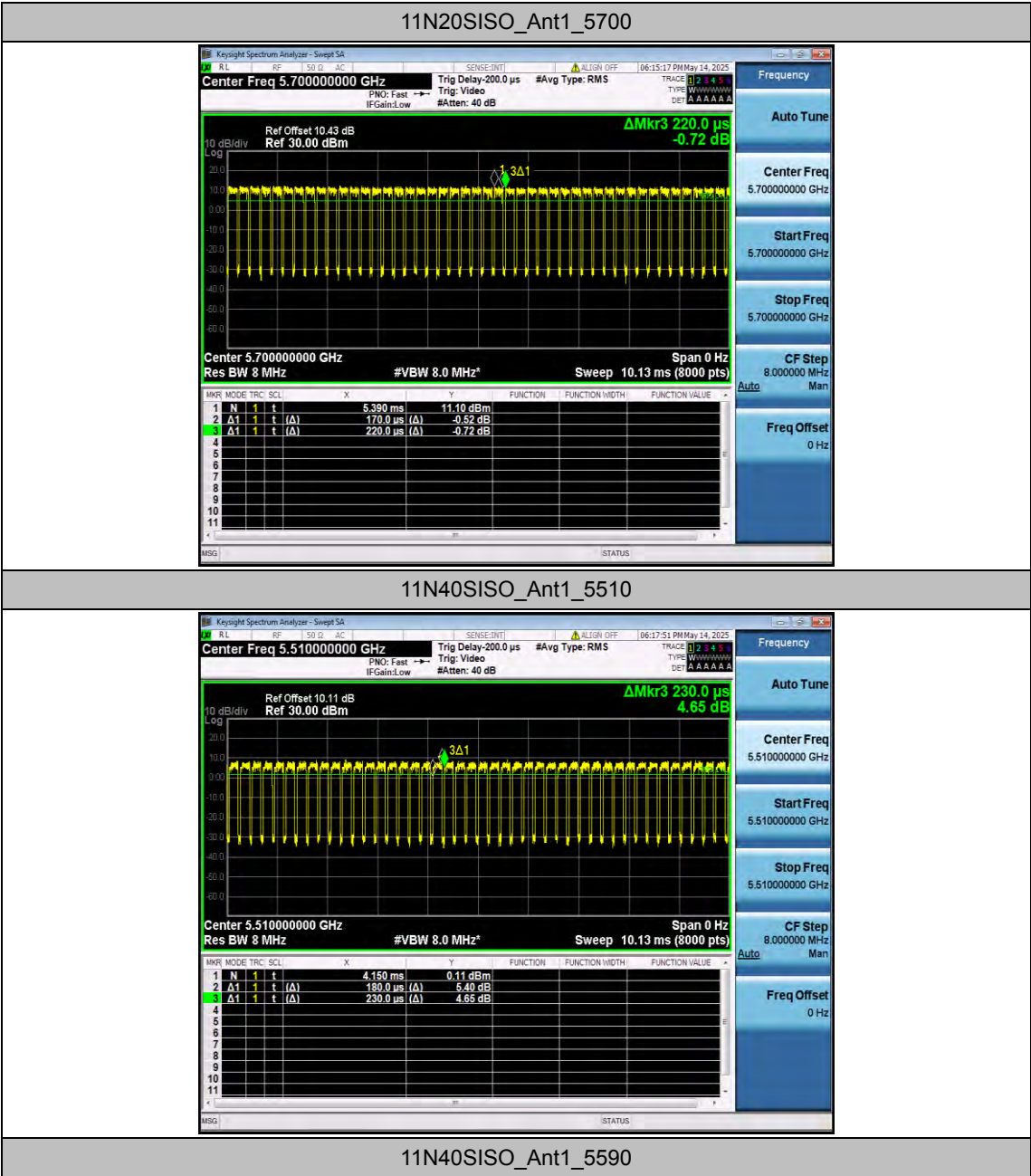


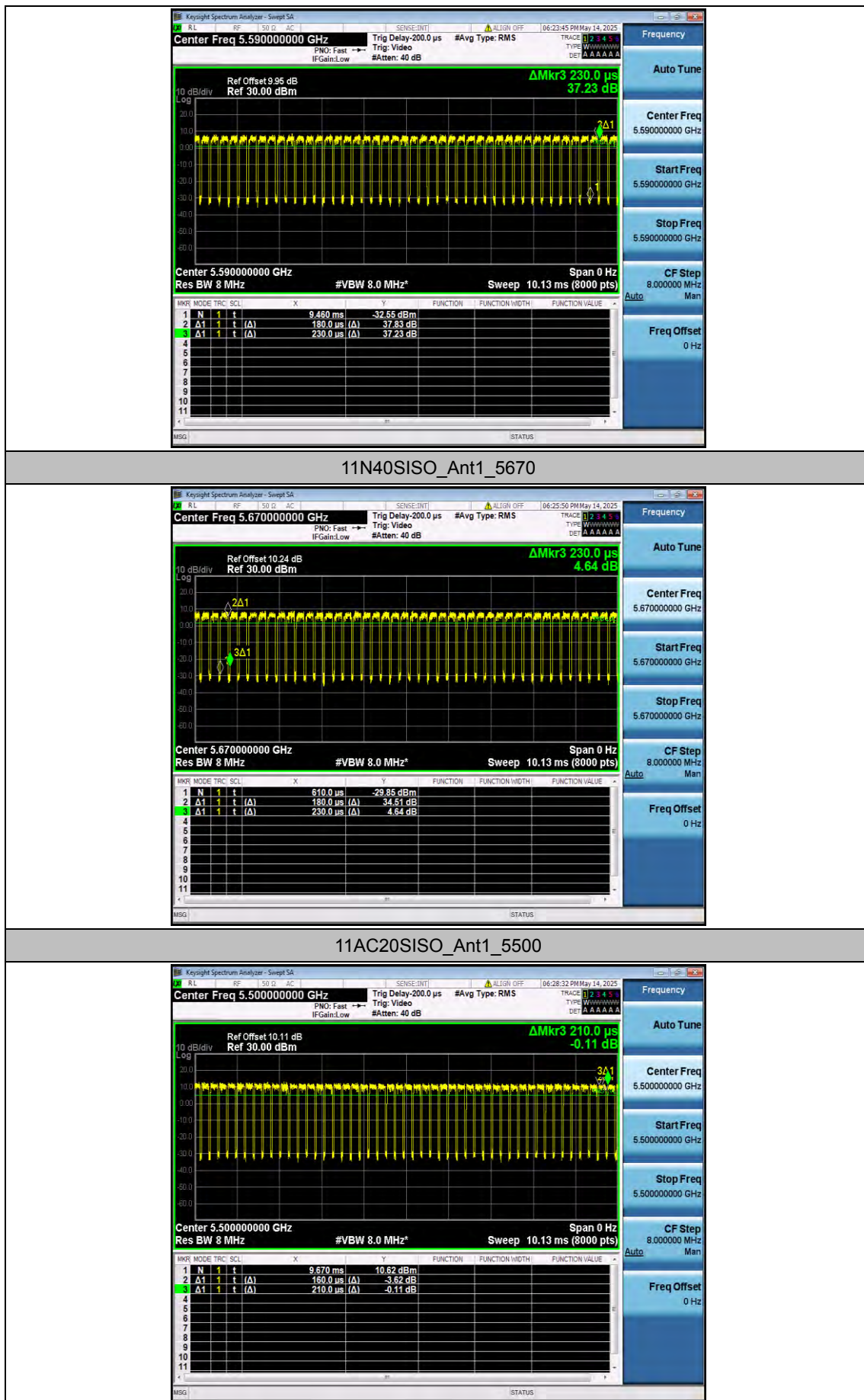
Appendix D.3: Duty Cycle

Test Result

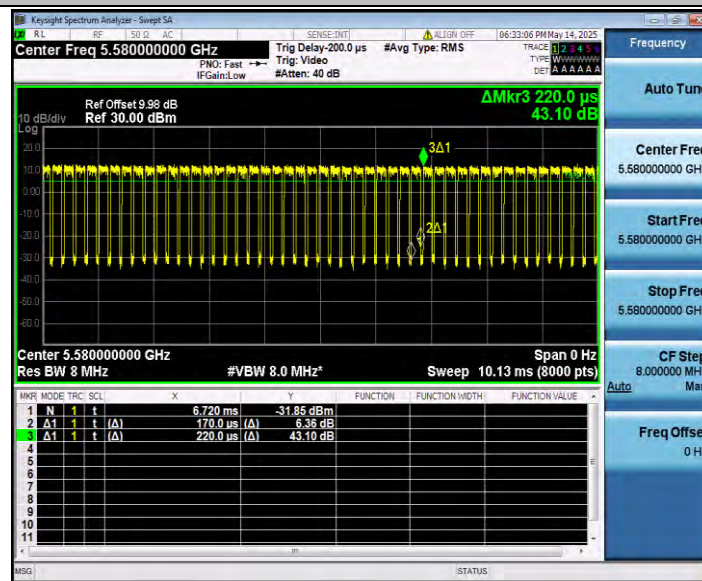
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5500	0.15	0.20	75.00	1.25	6.67
		5580	0.15	0.20	75.00	1.25	6.67
		5700	0.14	0.19	73.68	1.33	7.14
11N20SISO	Ant1	5500	0.18	0.22	81.82	0.87	5.56
		5580	0.17	0.22	77.27	1.12	5.88
		5700	0.17	0.22	77.27	1.12	5.88
11N40SISO	Ant1	5510	0.18	0.23	78.26	1.06	5.56
		5590	0.18	0.23	78.26	1.06	5.56
		5670	0.18	0.23	78.26	1.06	5.56
11AC20SISO	Ant1	5500	0.16	0.21	76.19	1.18	6.25
		5580	0.17	0.22	77.27	1.12	5.88
		5700	0.16	0.21	76.19	1.18	6.25
11AC40SISO	Ant1	5510	0.15	0.20	75.00	1.25	6.67
		5590	0.16	0.20	80.00	0.97	6.25
		5670	0.16	0.21	76.19	1.18	6.25
11AC80SISO	Ant1	5530	0.16	0.21	76.19	1.18	6.25
		5610	0.16	0.21	76.19	1.18	6.25
11AX20SISO	Ant1	5500	0.18	0.22	81.82	0.87	5.56
		5580	0.18	0.22	81.82	0.87	5.56
		5700	0.17	0.22	77.27	1.12	5.88
11AX40SISO	Ant1	5510	0.17	0.22	77.27	1.12	5.88
		5590	0.17	0.22	77.27	1.12	5.88
		5670	0.17	0.22	77.27	1.12	5.88
11AX80SISO	Ant1	5530	0.18	0.23	78.26	1.06	5.56
		5610	0.18	0.22	81.82	0.87	5.56



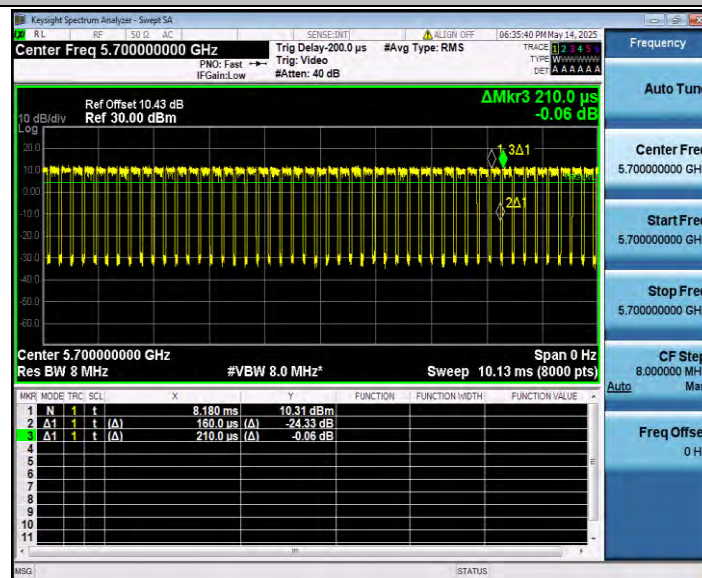




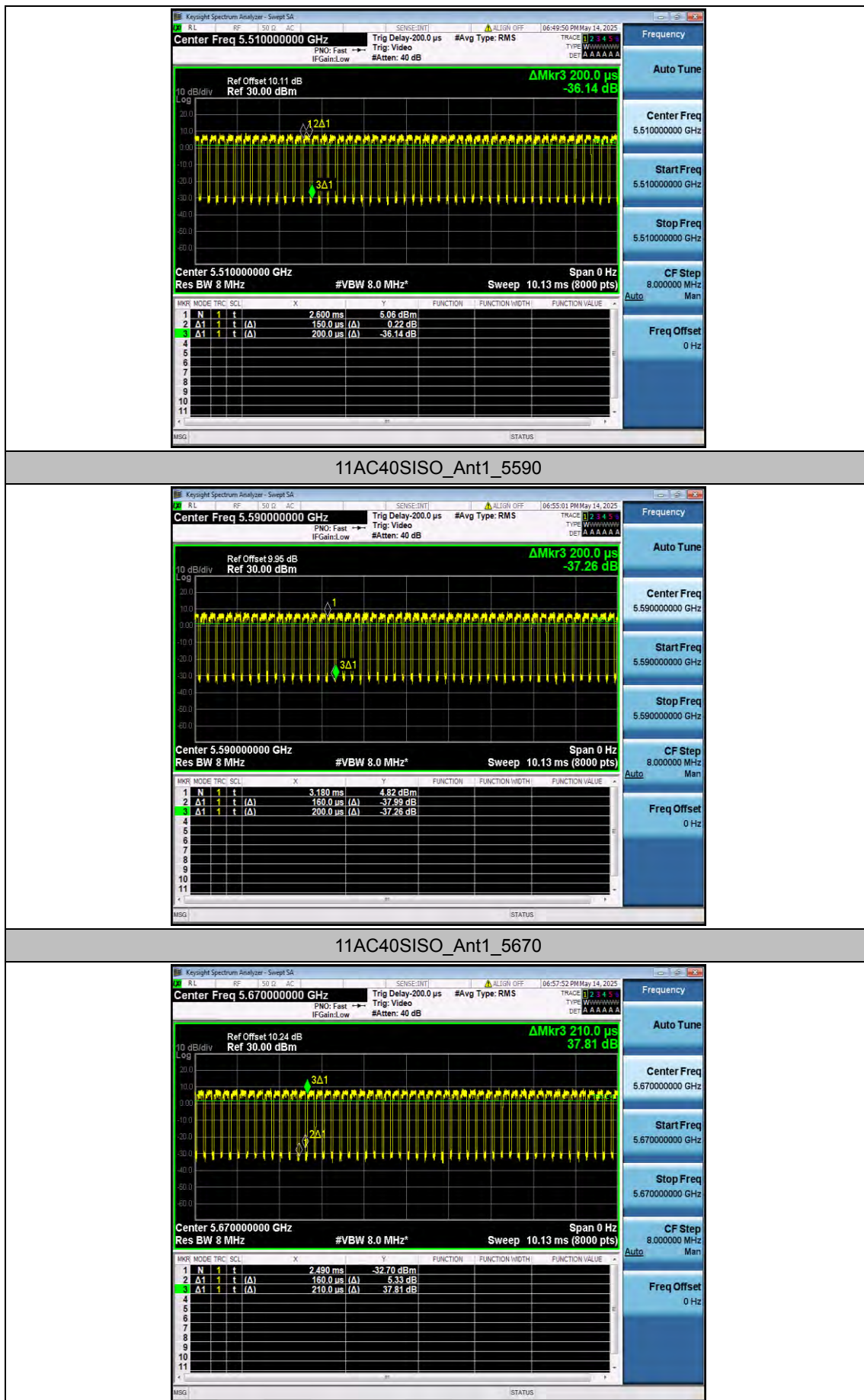
11AC20SISO_Ant1_5580



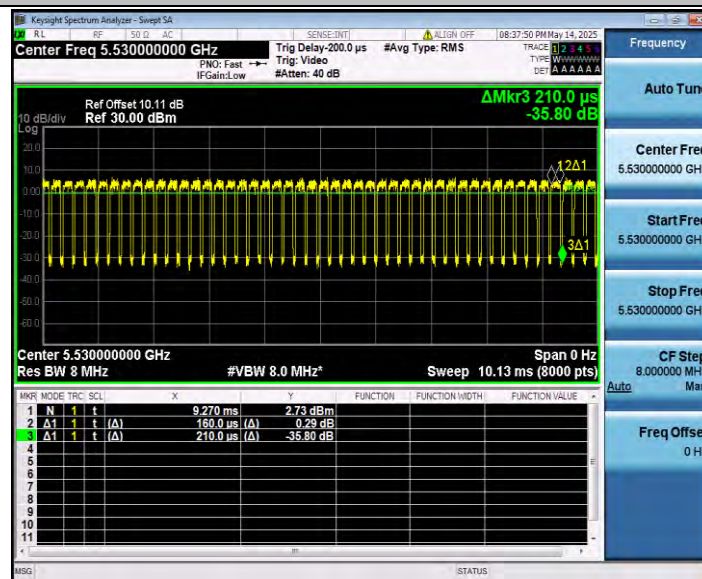
11AC20SISO_Ant1_5700



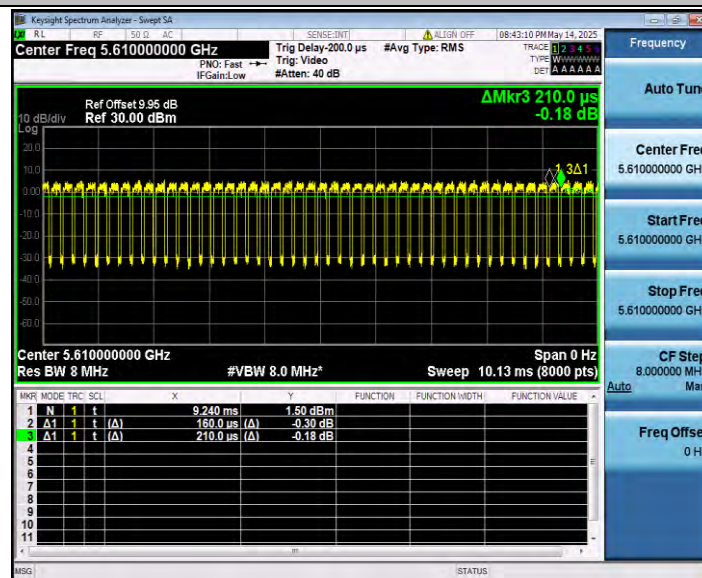
11AC40SISO_Ant1_5510



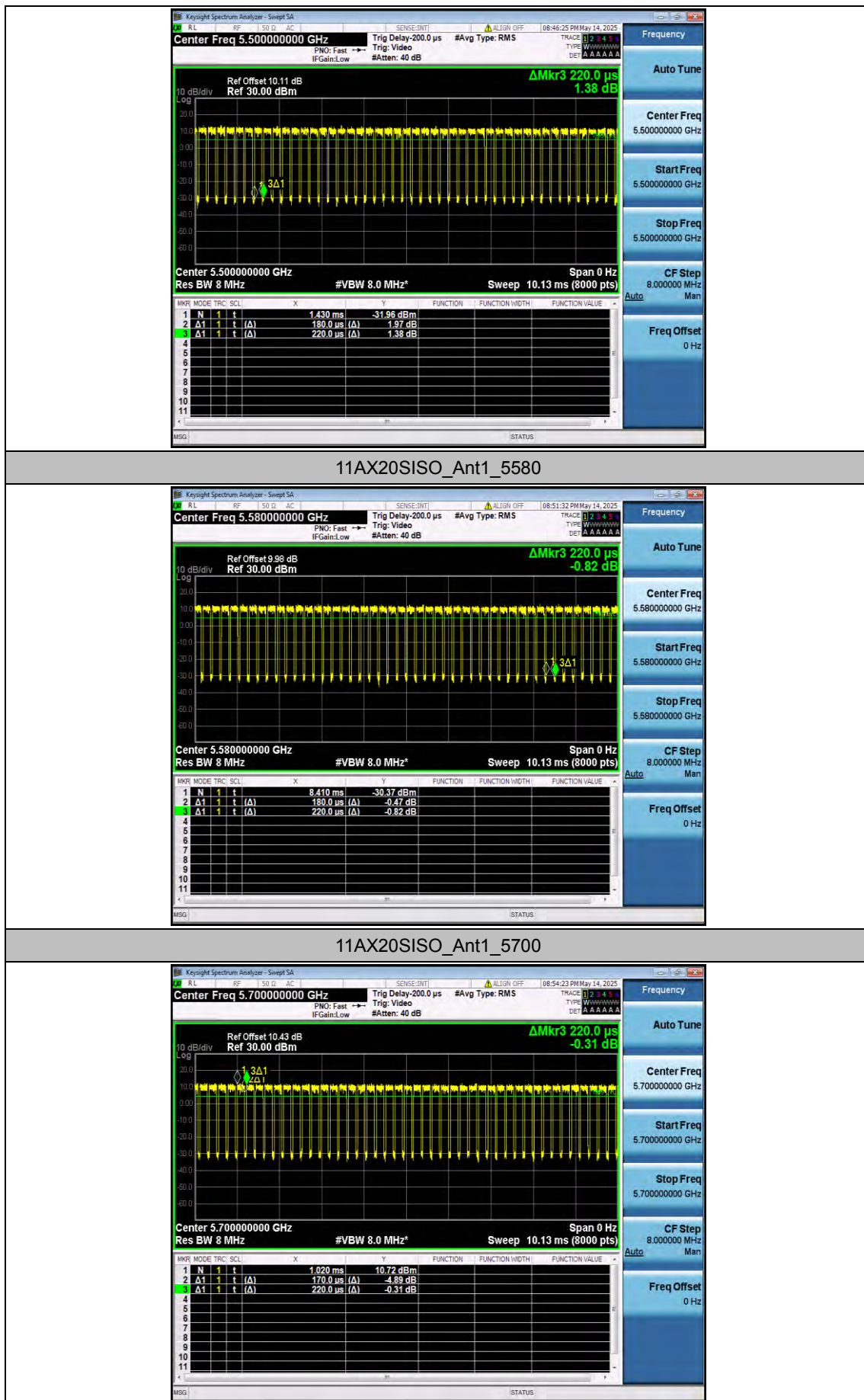
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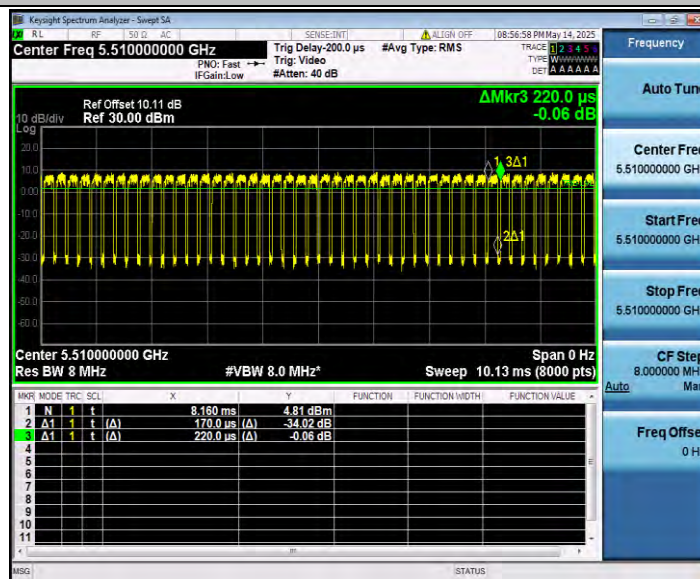
11AC80SISO_Ant1_5610



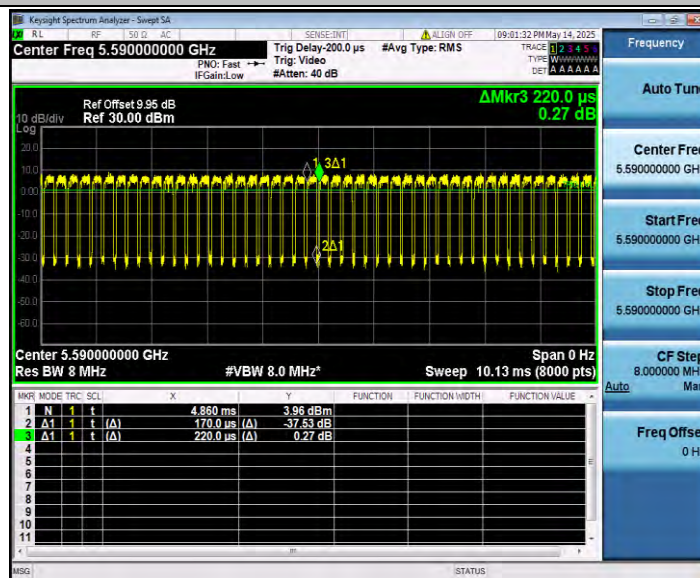
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11AX40SISO_Ant1_5510



11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670

