

Case No. : <u>GTS20250225018-5-08</u>	
Ambient Condition: <u>23</u> °C, <u>51</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.5.12</u>	Test Engineer: <u>Evan ouyang</u>

Appendix B.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5180	22.960	5168.560	5191.520	---	---
		5200	22.680	5188.560	5211.240	---	---
		5240	22.400	5228.880	5251.280	---	---
11N20SISO	Ant0	5180	23.280	5168.520	5191.800	---	---
		5200	22.720	5188.760	5211.480	---	---
		5240	23.600	5228.160	5251.760	---	---
11N40SISO	Ant0	5190	42.960	5168.480	5211.440	---	---
		5230	42.880	5208.800	5251.680	---	---
11AC20SISO	Ant0	5180	23.080	5168.320	5191.400	---	---
		5200	23.200	5188.640	5211.840	---	---
		5240	23.320	5228.240	5251.560	---	---
11AC40SISO	Ant0	5190	43.680	5168.400	5212.080	---	---
		5230	42.960	5208.480	5251.440	---	---
11AC80SISO	Ant0	5210	83.840	5169.040	5252.880	---	---
11AX20SISO	Ant0	5180	22.400	5168.840	5191.240	---	---
		5200	22.000	5188.920	5210.920	---	---
		5240	22.320	5228.800	5251.120	---	---
11AX40SISO	Ant0	5190	40.880	5169.760	5210.640	---	---
		5230	41.520	5209.520	5251.040	---	---
11AX80SISO	Ant0	5210	81.600	5169.520	5251.120	---	---

Test Graphs



11A_Ant0_5200

11A_Ant0_5240



11N20SISO_Ant0_5240



11N40SISO_Ant0_5190



11N40SISO_Ant0_5230



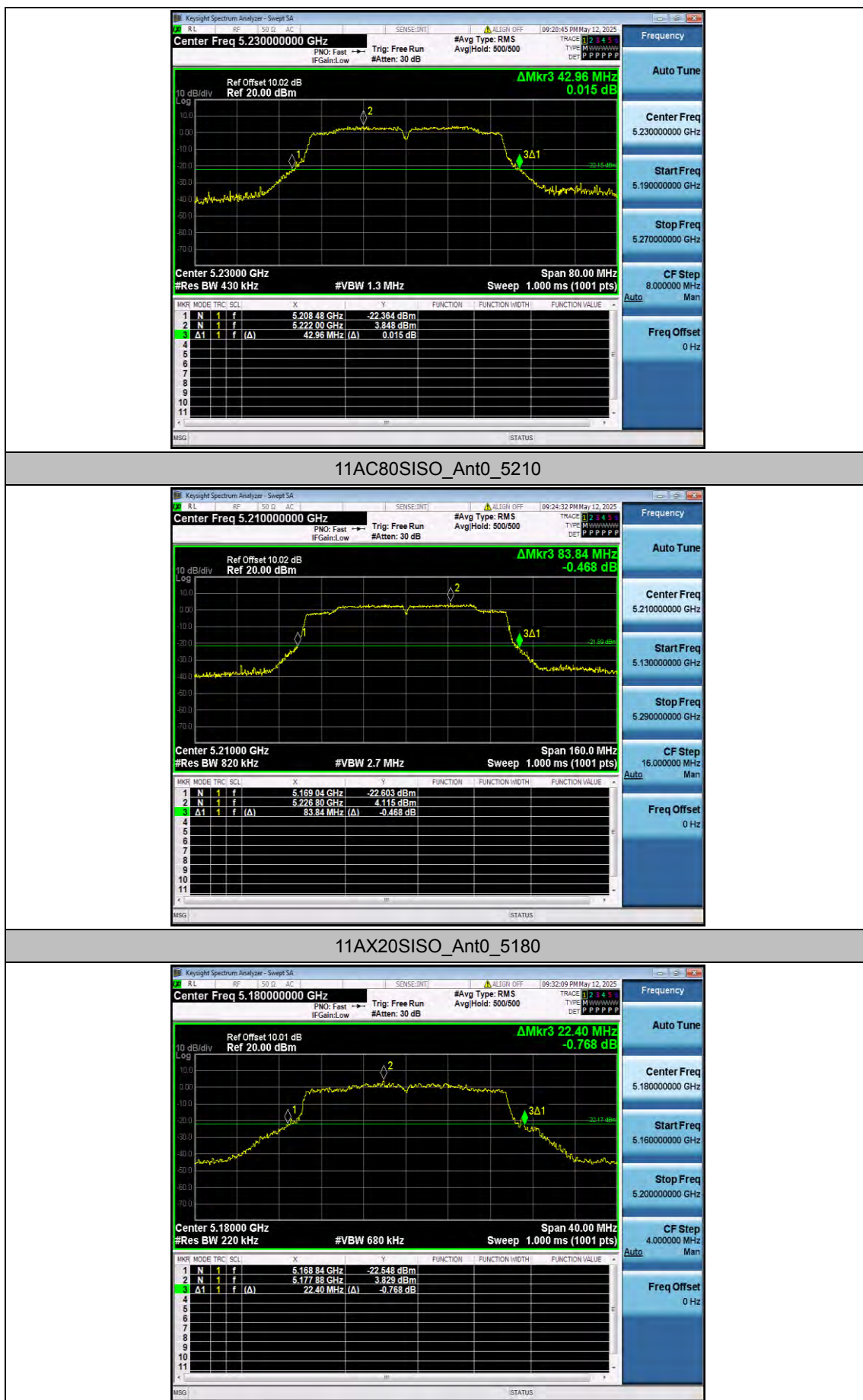
11AC20SISO_Ant0_5240

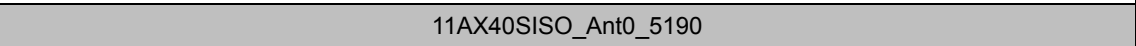
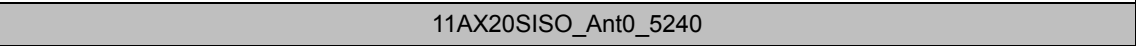


11AC40SISO_Ant0_5190



11AC40SISO_Ant0_5230



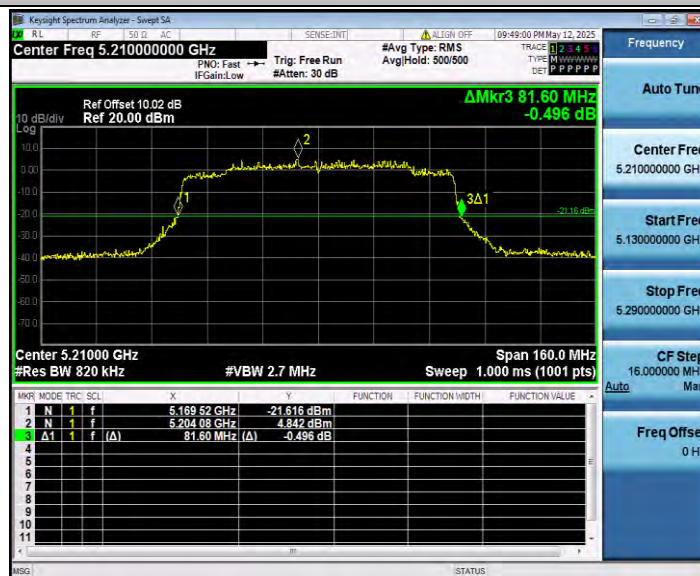




11AX40SISO_Ant0_5230



11AX80SISO_Ant0_5210



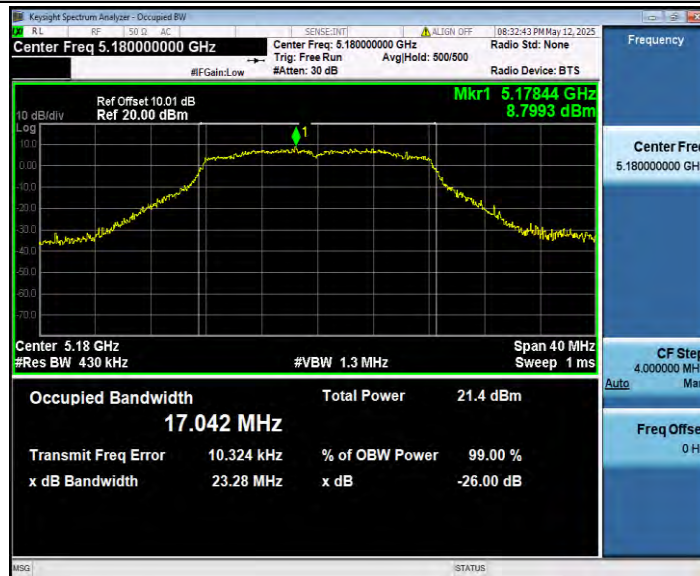
Appendix B.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5180	17.042	5171.4893	5188.5313	---	---
		5200	16.992	5191.5246	5208.5166	---	---
		5240	17.022	5231.5111	5248.5331	---	---
11N20SISO	Ant0	5180	18.036	5170.9908	5189.0268	---	---
		5200	18.042	5191.0185	5209.0605	---	---
		5240	18.023	5230.9893	5249.0123	---	---
11N40SISO	Ant0	5190	36.229	5171.9801	5208.2091	---	---
		5230	36.290	5211.9281	5248.2181	---	---
11AC20SISO	Ant0	5180	18.072	5171.0181	5189.0901	---	---
		5200	17.987	5190.9898	5208.9768	---	---
		5240	17.965	5231.0327	5248.9977	---	---
11AC40SISO	Ant0	5190	36.238	5171.9571	5208.1951	---	---
		5230	36.203	5211.9623	5248.1653	---	---
11AC80SISO	Ant0	5210	75.110	5172.6399	5247.7499	---	---
11AX20SISO	Ant0	5180	18.938	5170.5130	5189.4510	---	---
		5200	18.920	5190.5516	5209.4716	---	---
		5240	18.941	5230.5417	5249.4827	---	---
11AX40SISO	Ant0	5190	37.582	5171.2683	5208.8503	---	---
		5230	37.646	5211.2307	5248.8767	---	---
11AX80SISO	Ant0	5210	76.709	5171.8791	5248.5881	---	---

Test Graphs

11A_Ant0_5180



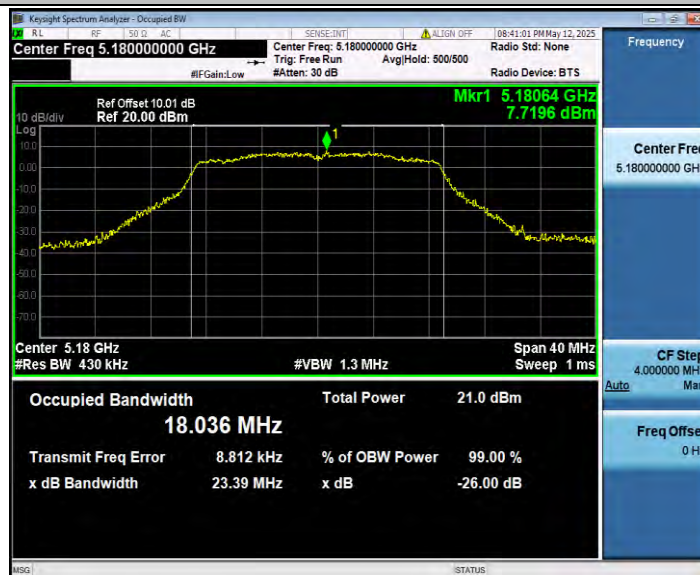
11A_Ant0_5200



11A_Ant0_5240



11N20SISO_Ant0_5180



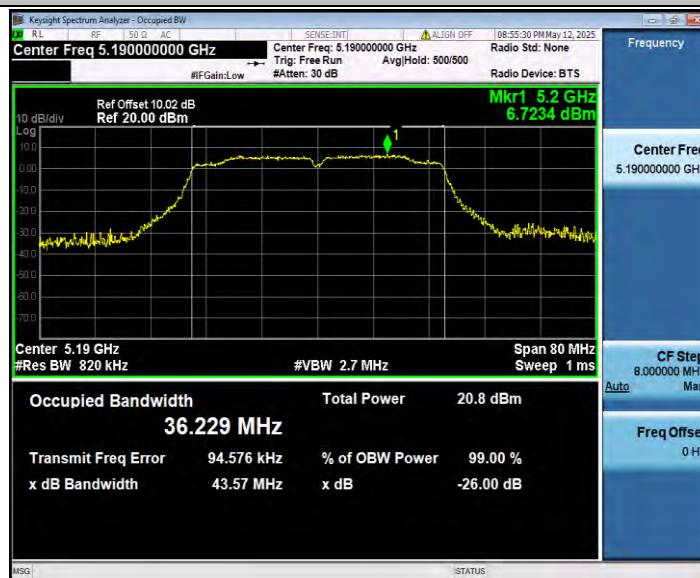
11N20SISO_Ant0_5200



11N20SISO_Ant0_5240



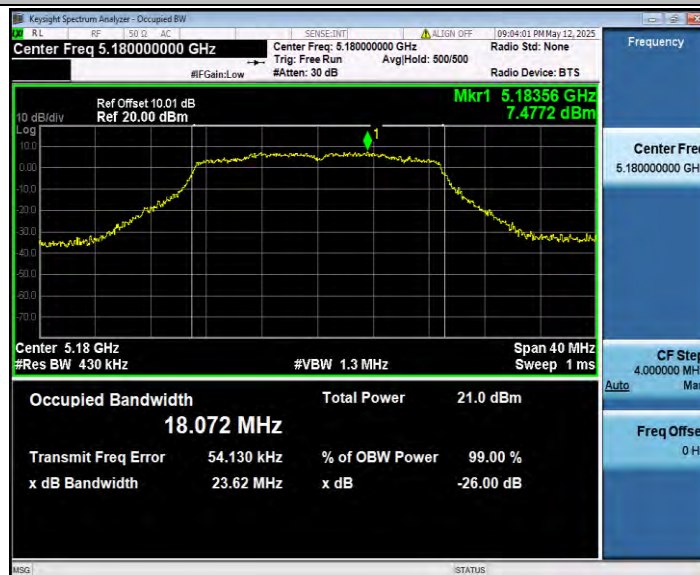
11N40SISO_Ant0_5190



11N40SISO_Ant0_5230



11AC20SISO_Ant0_5180



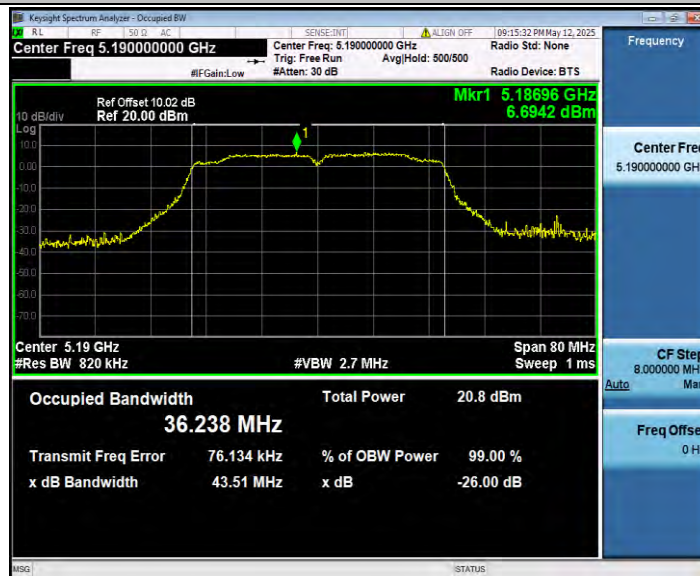
11AC20SISO_Ant0_5200



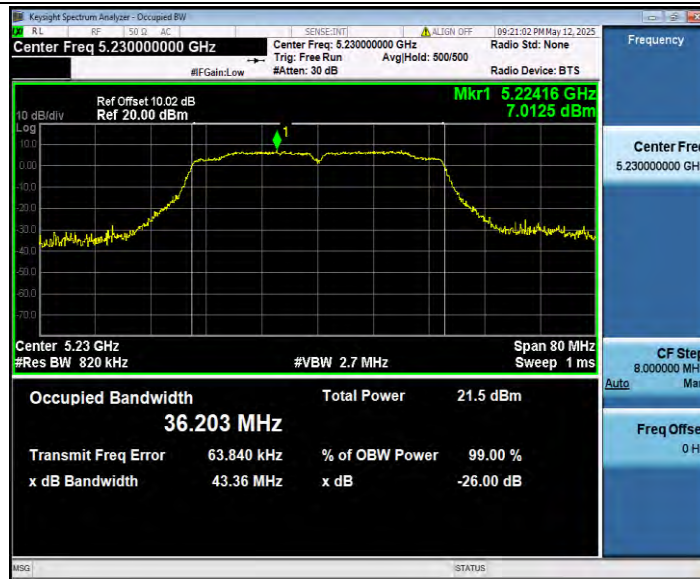
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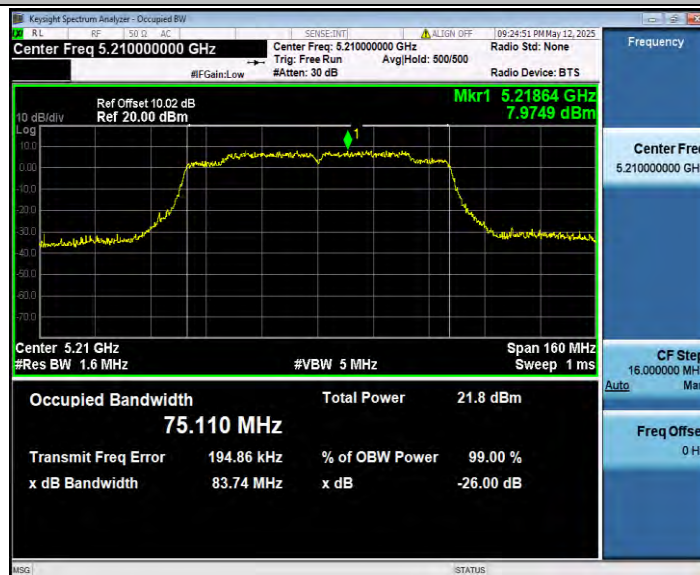
11AC40SISO_Ant0_5190



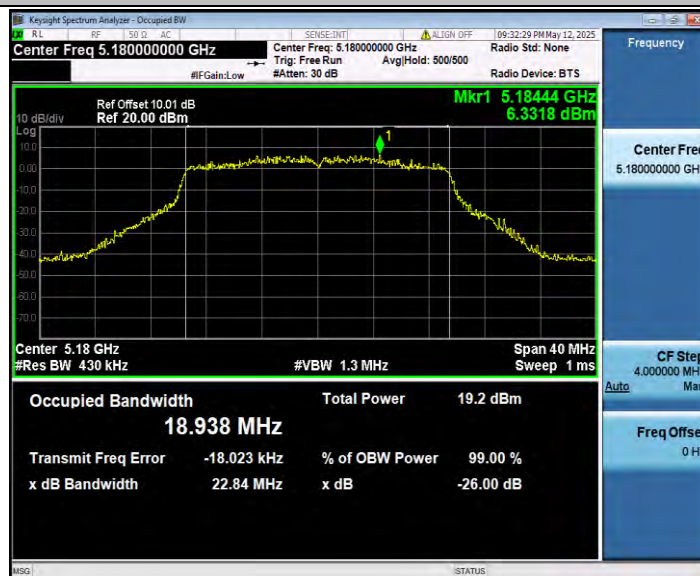
11AC40SISO_Ant0_5230

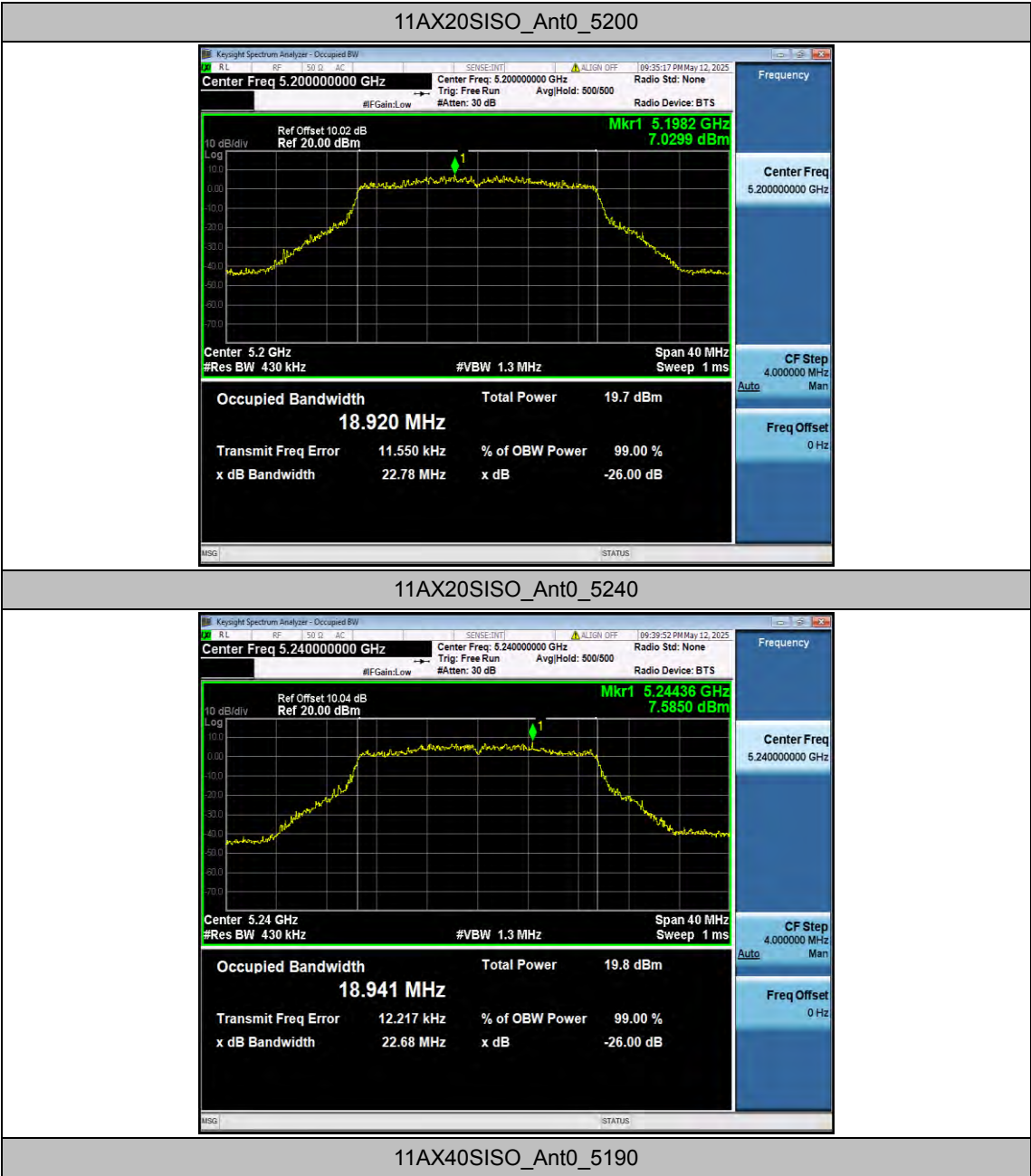


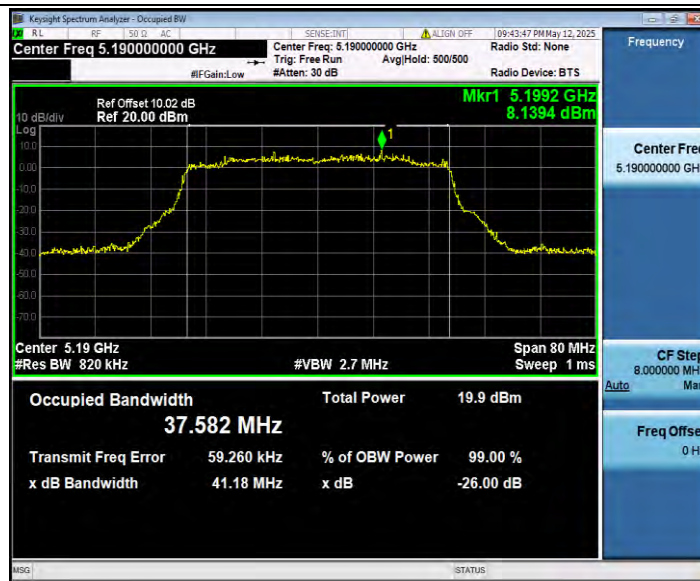
11AC80SISO_Ant0_5210



11AX20SISO_Ant0_5180



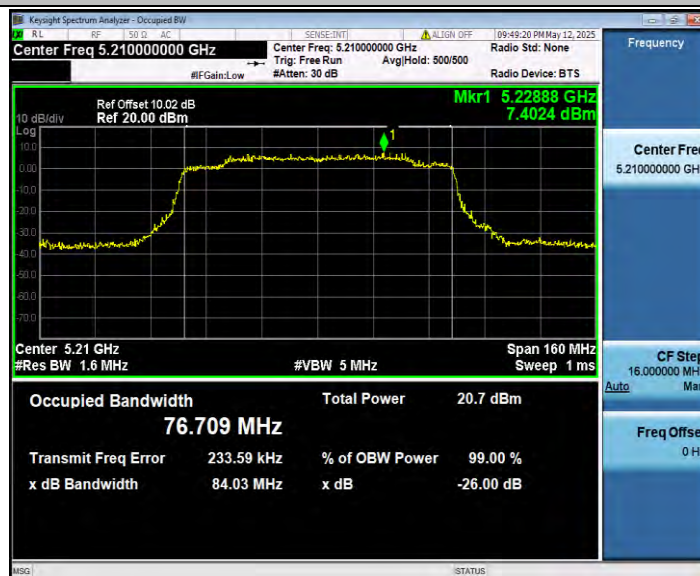




11AX40SISO_Ant0_5230



11AX80SISO_Ant0_5210

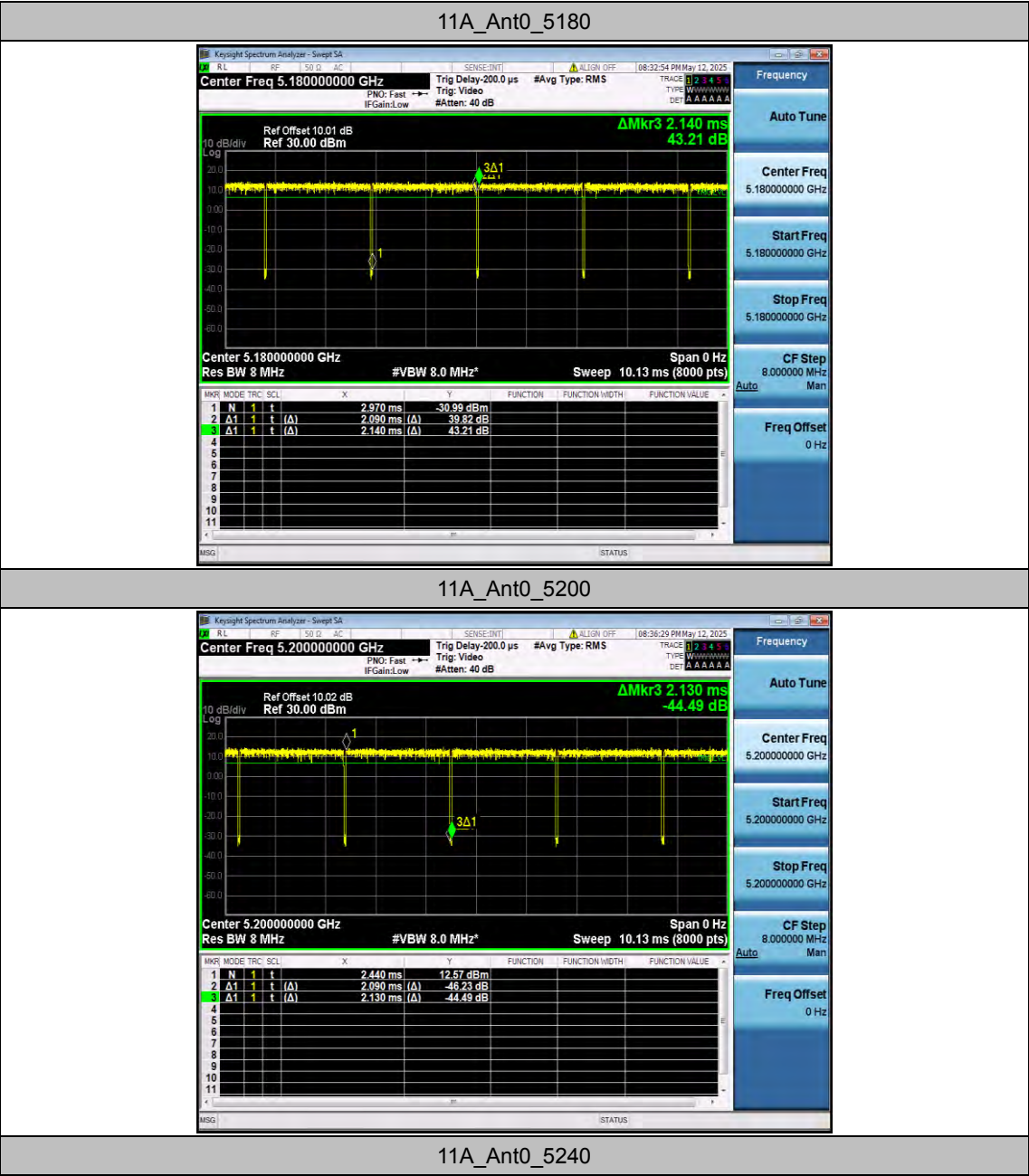


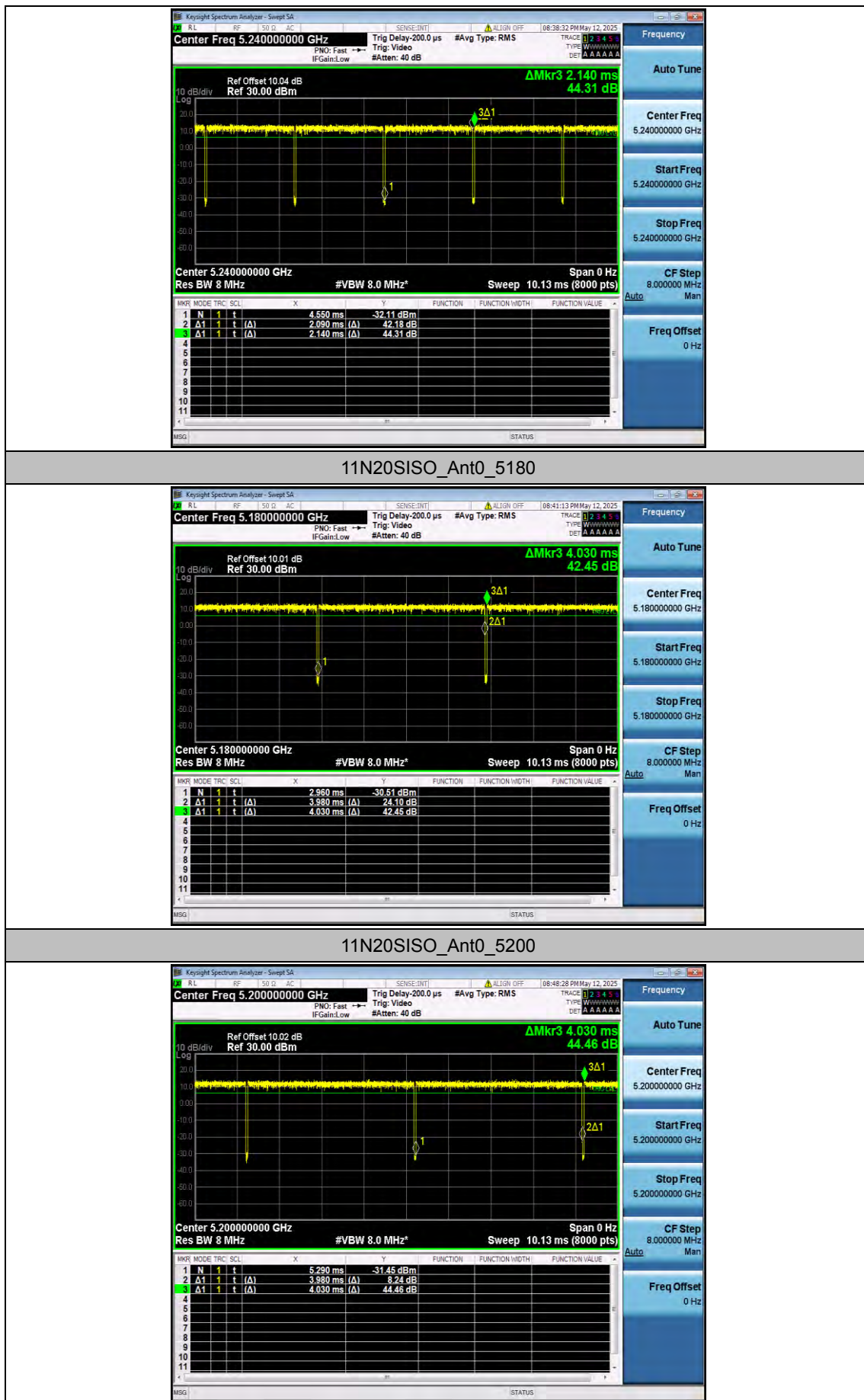
Appendix B.3: Duty Cycle

Test Result

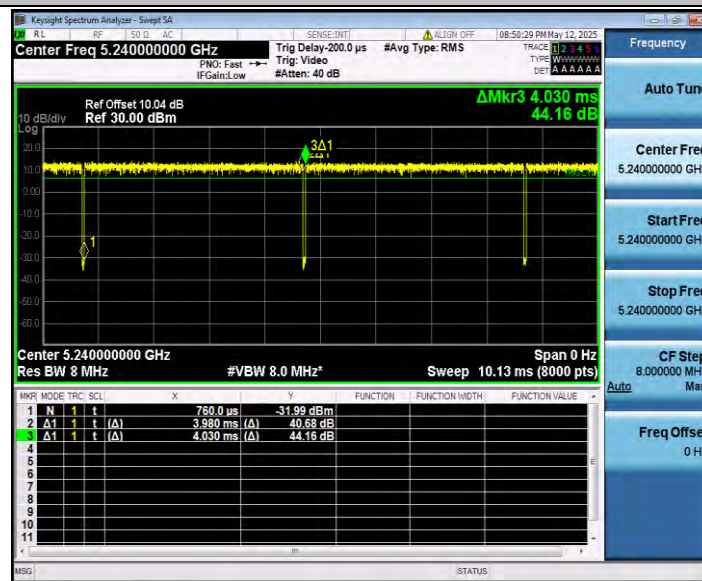
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant0	5180	2.09	2.14	97.66	0.10	0.48
		5200	2.09	2.13	98.12	0.08	0.48
		5240	2.09	2.14	97.66	0.10	0.48
11N20SISO	Ant0	5180	3.98	4.03	98.76	0.05	0.25
		5200	3.98	4.03	98.76	0.05	0.25
		5240	3.98	4.03	98.76	0.05	0.25
11N40SISO	Ant0	5190	3.97	4.02	98.76	0.05	0.25
		5230	3.98	4.02	99.00	0.04	0.25
11AC20SISO	Ant0	5180	3.95	3.99	99.00	0.04	0.25
		5200	3.95	4.00	98.75	0.05	0.25
		5240	3.94	3.99	98.75	0.05	0.25
11AC40SISO	Ant0	5190	3.96	4.00	99.00	0.04	0.25
		5230	3.96	4.01	98.75	0.05	0.25
11AC80SISO	Ant0	5210	3.97	4.02	98.76	0.05	0.25
11AX20SISO	Ant0	5180	0.18	0.23	78.26	1.06	5.56
		5200	0.17	0.22	77.27	1.12	5.88
		5240	0.17	0.22	77.27	1.12	5.88
11AX40SISO	Ant0	5190	0.17	0.22	77.27	1.12	5.88
		5230	0.17	0.22	77.27	1.12	5.88
11AX80SISO	Ant0	5210	0.17	0.23	73.91	1.31	5.88

Test Graphs

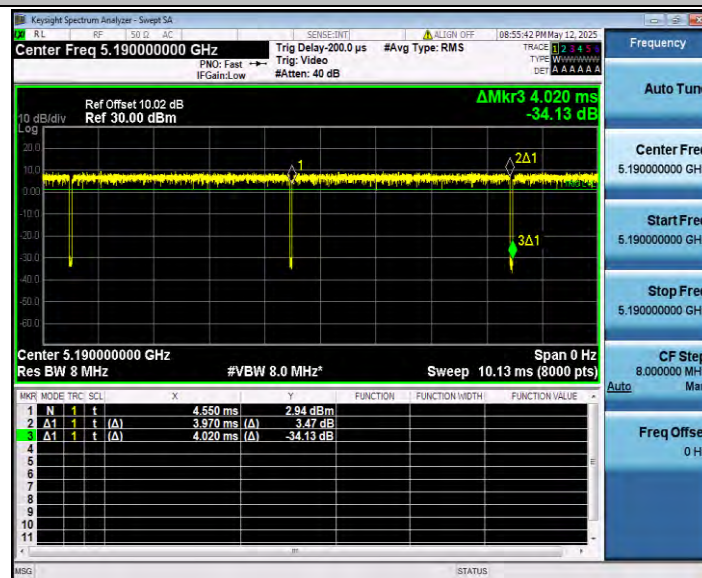




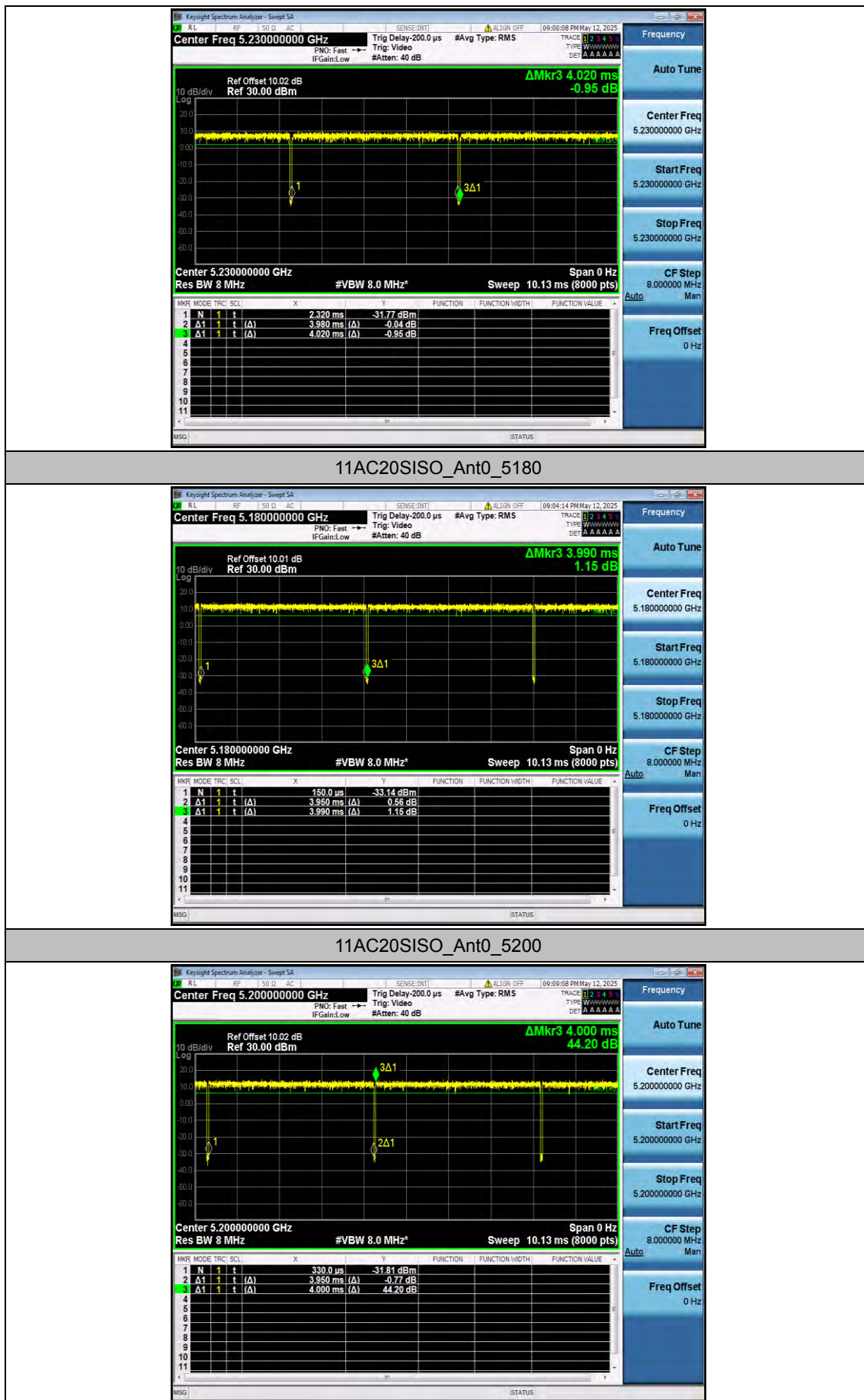
11N20SISO_Ant0_5240

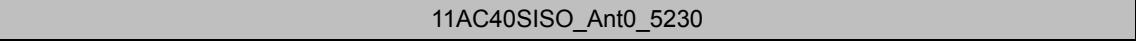
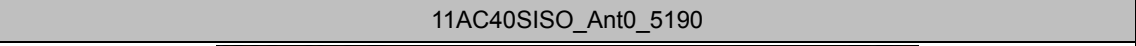


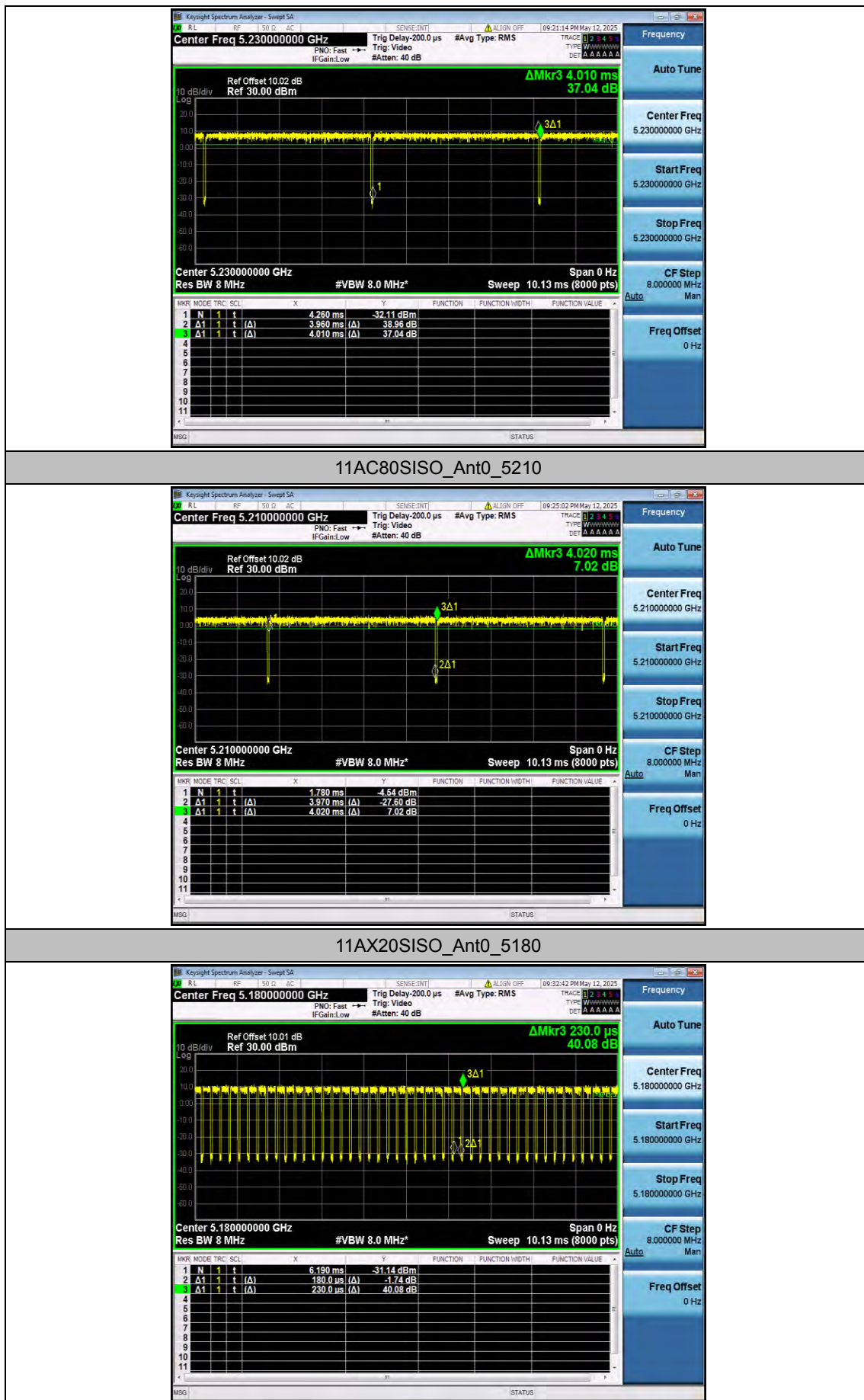
11N40SISO_Ant0_5190



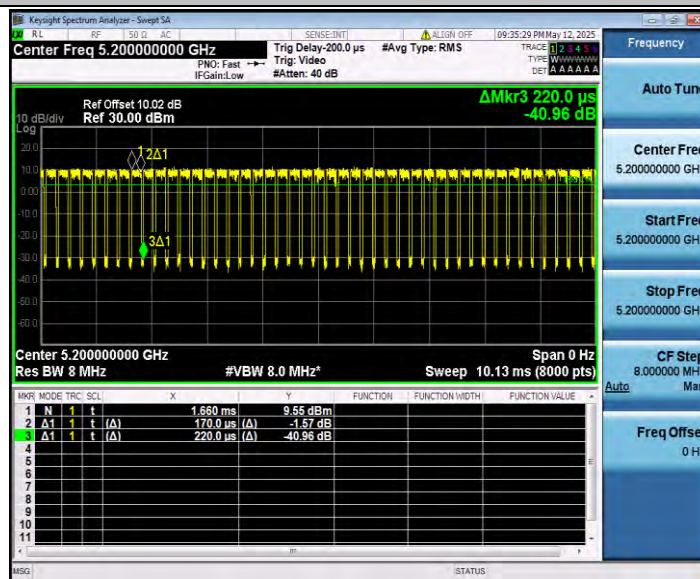
11N40SISO_Ant0_5230



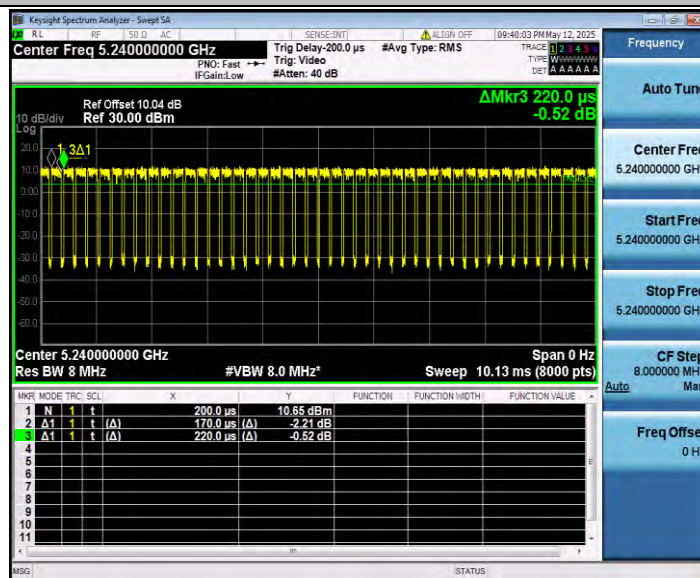




11AX20SISO_Ant0_5200



11AX20SISO_Ant0_5240



11AX40SISO_Ant0_5190

