

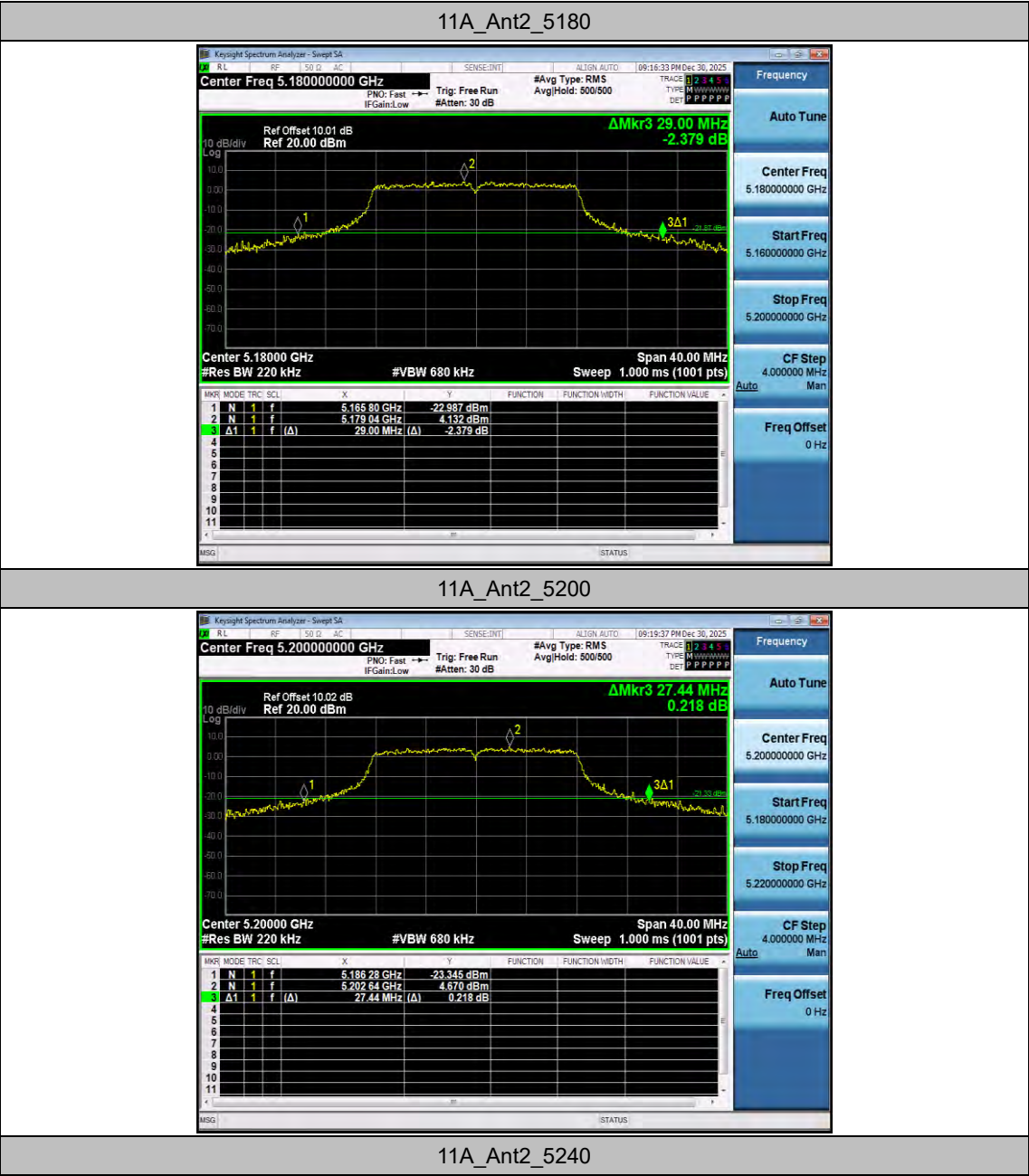
Case No. : <u>GTS20251206005-5-11</u>
Ambient Condition: <u>22</u> °C, <u>49</u> %RH
According Standard: ■Part15E
Test Date: <u>2025.12.15-2026.1.12</u> Test Engineer: <u>Evan ouyang</u>

Appendix D.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	29.000	5165.800	5194.800	---	---
		5200	27.440	5186.280	5213.720	---	---
		5240	28.760	5226.280	5255.040	---	---
11N20SISO	Ant2	5180	28.120	5167.080	5195.200	---	---
		5200	29.640	5185.960	5215.600	---	---
		5240	30.040	5225.200	5255.240	---	---
11N40SISO	Ant2	5190	56.240	5167.360	5223.600	---	---
		5230	56.000	5204.000	5260.000	---	---
11AC20SISO	Ant2	5180	26.440	5167.080	5193.520	---	---
		5200	27.720	5186.720	5214.440	---	---
		5240	34.800	5223.800	5258.600	---	---
11AC40SISO	Ant2	5190	53.120	5166.560	5219.680	---	---
		5230	56.960	5202.720	5259.680	---	---
11AX20SISO	Ant2	5180	26.200	5167.240	5193.440	---	---
		5200	24.680	5187.680	5212.360	---	---
		5240	28.560	5225.480	5254.040	---	---
11AX40SISO	Ant2	5190	46.560	5167.280	5213.840	---	---
		5230	55.040	5206.320	5261.360	---	---

Test Graphs



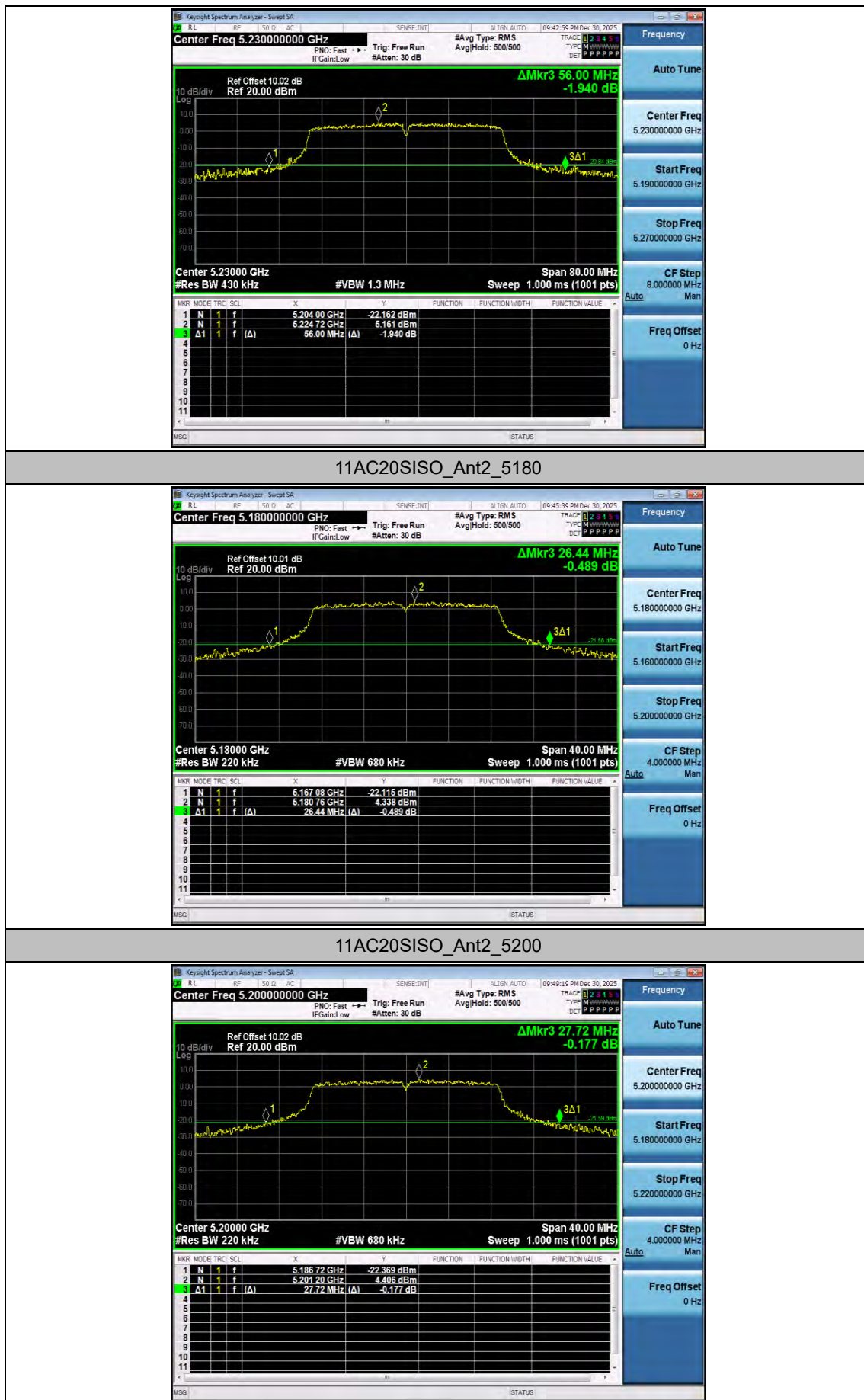


11N20SISO_Ant2_5180



11N20SISO_Ant2_5200





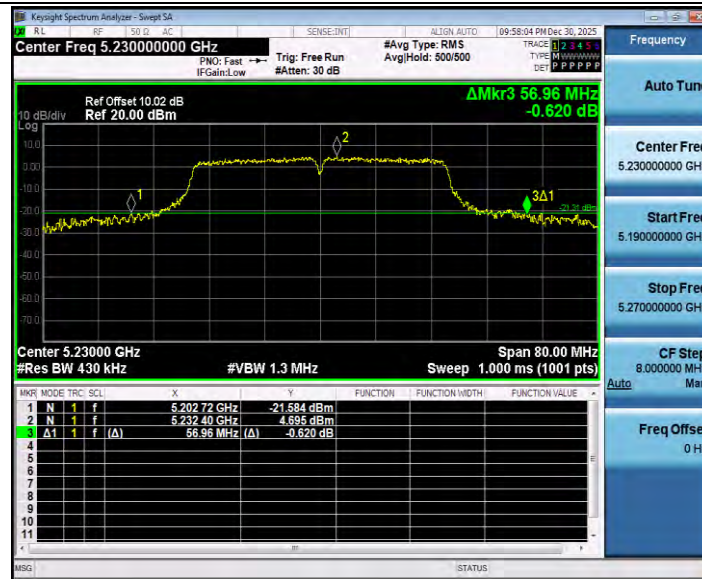
11AC20SISO_Ant2_5240



11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



11AX20SISO_Ant2_5180



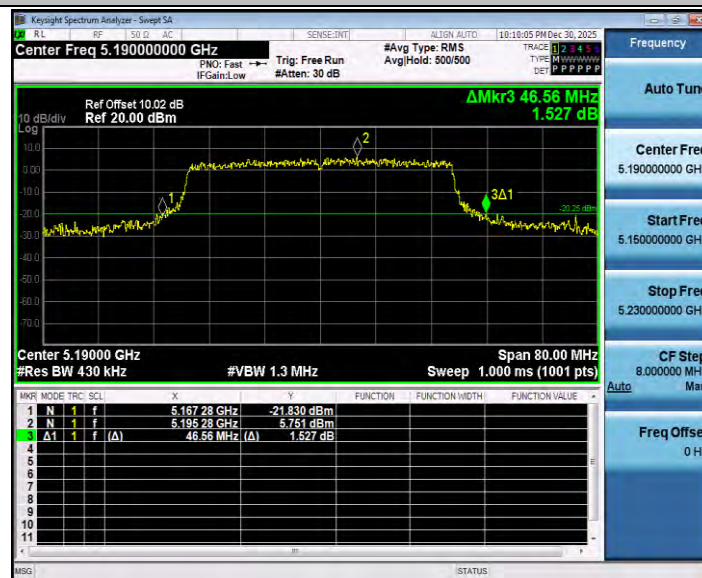
11AX20SISO_Ant2_5200



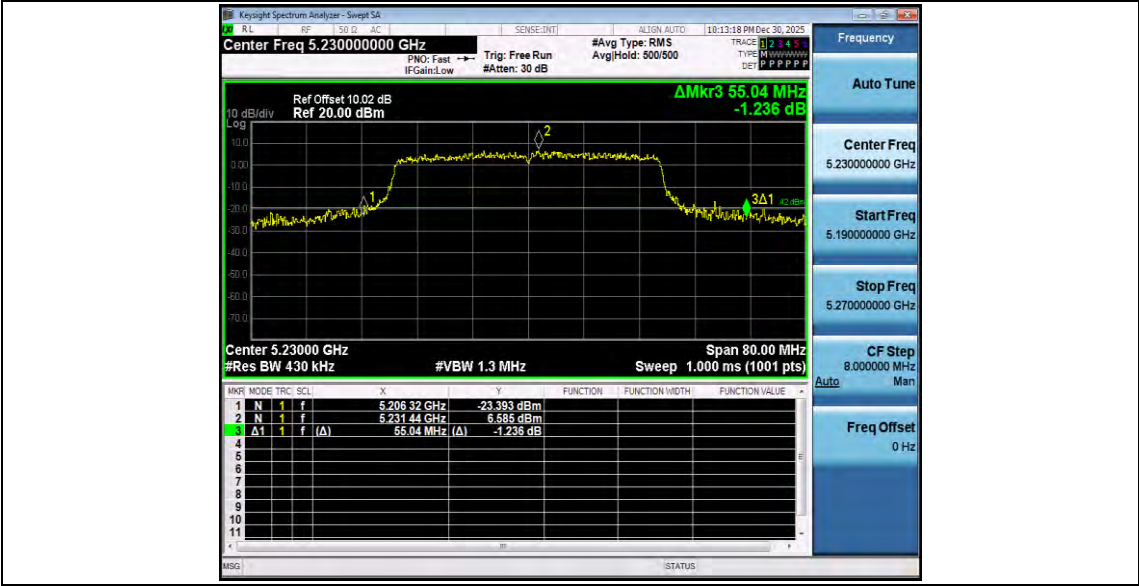
11AX20SISO_Ant2_5240



11AX40SISO_Ant2_5190



11AX40SISO_Ant2_5230

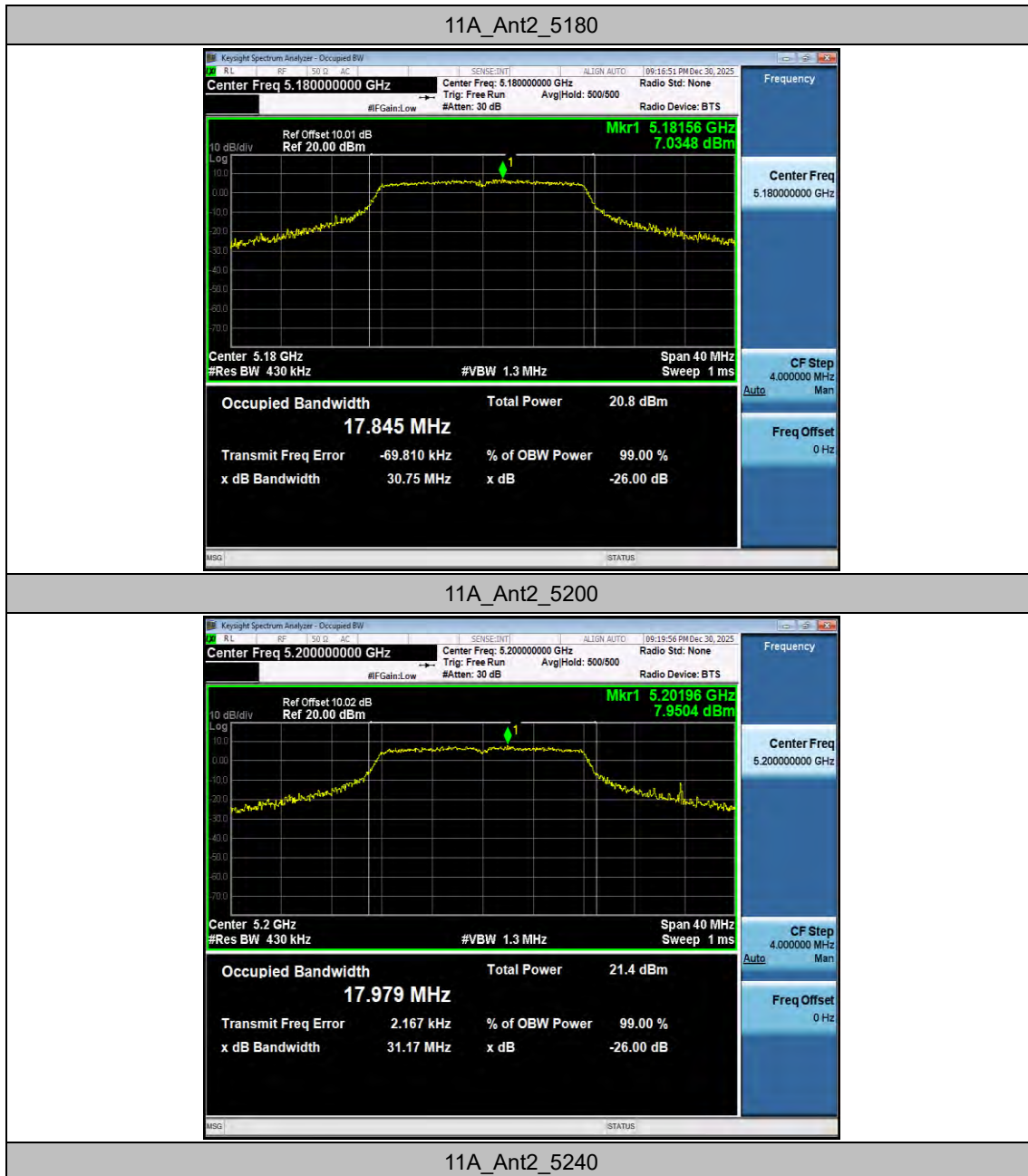


Appendix D.2: Occupied channel bandwidth

Test Result

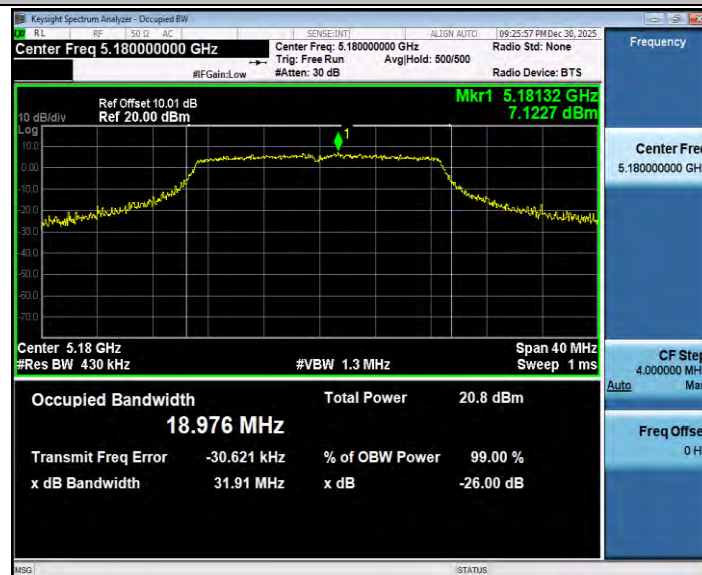
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	17.845	5171.0077	5188.8527	---	---
		5200	17.979	5191.0127	5208.9917	---	---
		5240	18.014	5230.9675	5248.9815	---	---
11N20SISO	Ant2	5180	18.976	5170.4814	5189.4574	---	---
		5200	18.916	5190.5391	5209.4551	---	---
		5240	19.065	5230.4671	5249.5321	---	---
11N40SISO	Ant2	5190	37.452	5171.3914	5208.8434	---	---
		5230	37.560	5211.2282	5248.7882	---	---
11AC20SISO	Ant2	5180	18.870	5170.6059	5189.4759	---	---
		5200	18.906	5190.5656	5209.4716	---	---
		5240	18.945	5230.5477	5249.4927	---	---
11AC40SISO	Ant2	5190	37.620	5171.3107	5208.9307	---	---
		5230	37.614	5211.2749	5248.8889	---	---
11AX20SISO	Ant2	5180	19.520	5170.2353	5189.7553	---	---
		5200	19.655	5190.1489	5209.8039	---	---
		5240	19.566	5230.2216	5249.7876	---	---
11AX40SISO	Ant2	5190	38.520	5170.7425	5209.2625	---	---
		5230	38.475	5210.8269	5249.3019	---	---

Test Graphs





11N20SISO_Ant2_5180



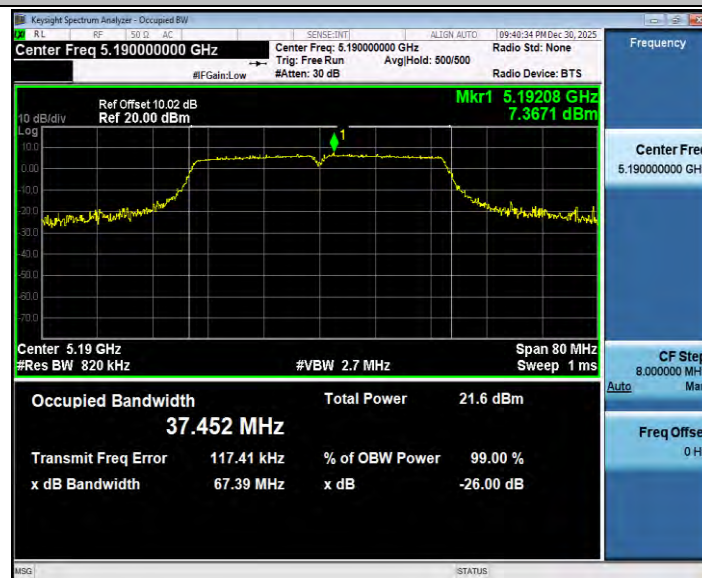
11N20SISO_Ant2_5200



11N20SISO_Ant2_5240



11N40SISO_Ant2_5190



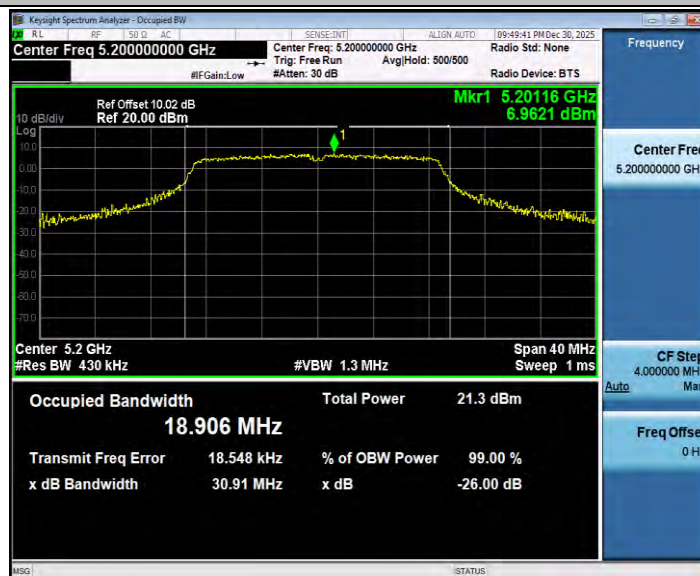
11N40SISO_Ant2_5230



11AC20SISO_Ant2_5180



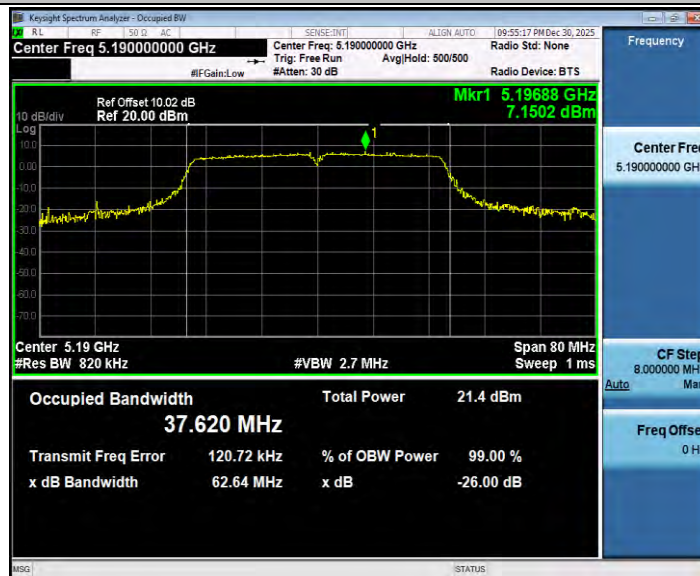
11AC20SISO_Ant2_5200



11AC20SISO_Ant2_5240



11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



11AX20SISO_Ant2_5180



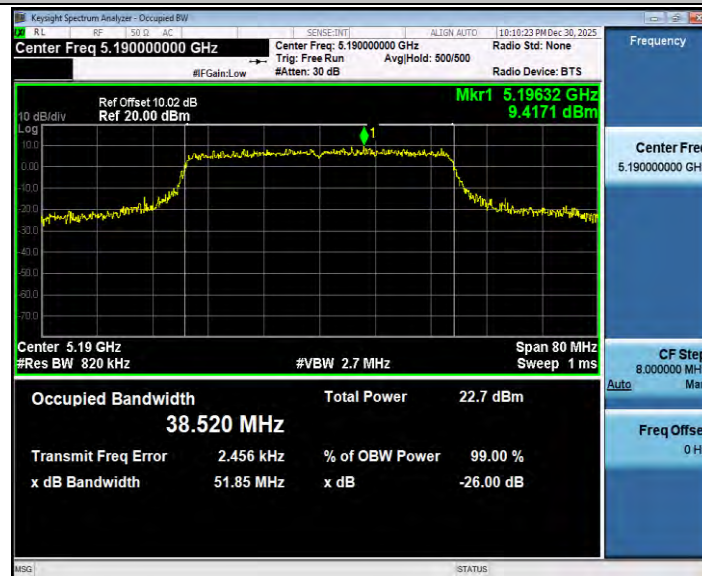
11AX20SISO_Ant2_5200



11AX20SISO_Ant2_5240



11AX40SISO_Ant2_5190



11AX40SISO_Ant2_5230

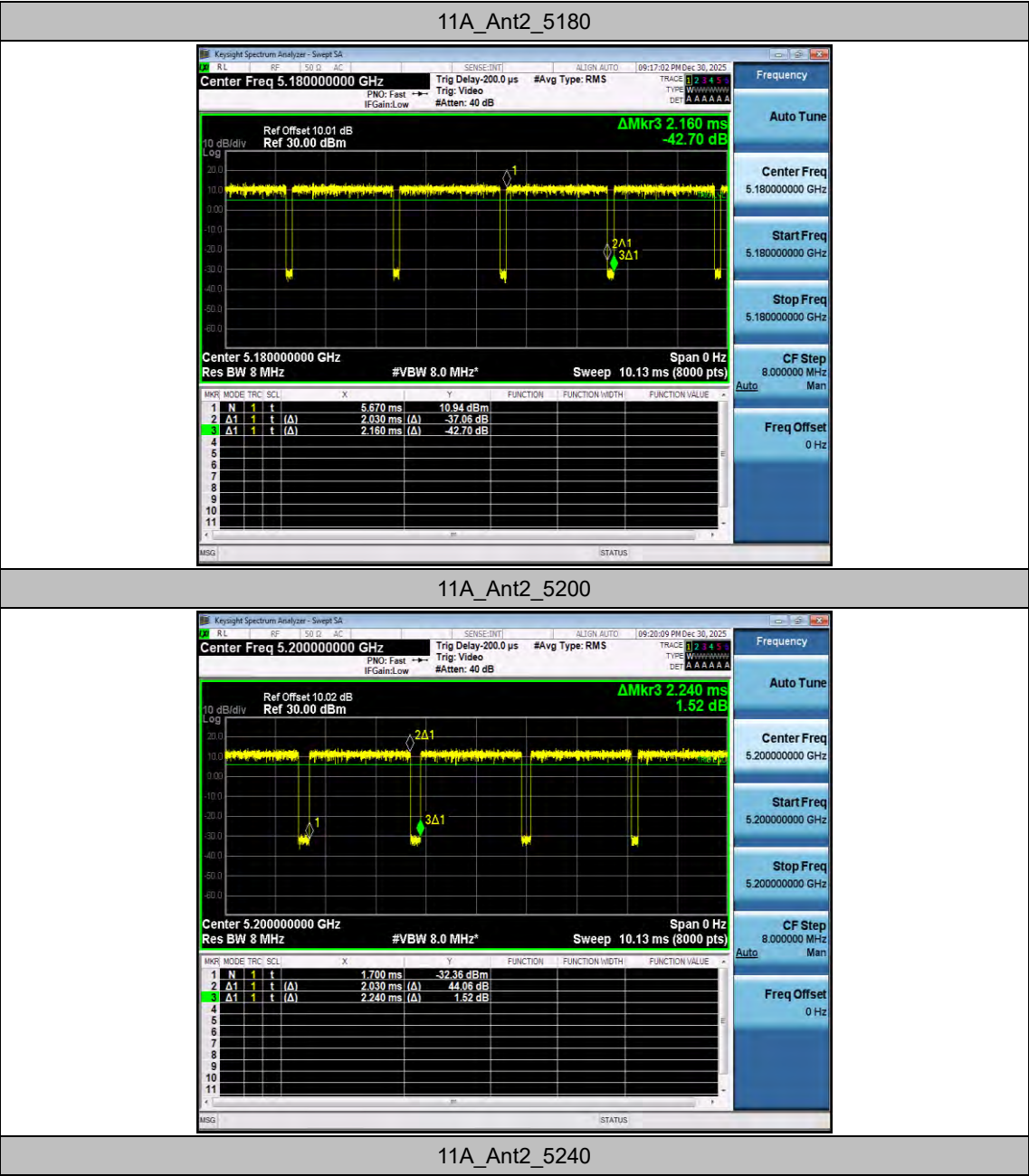


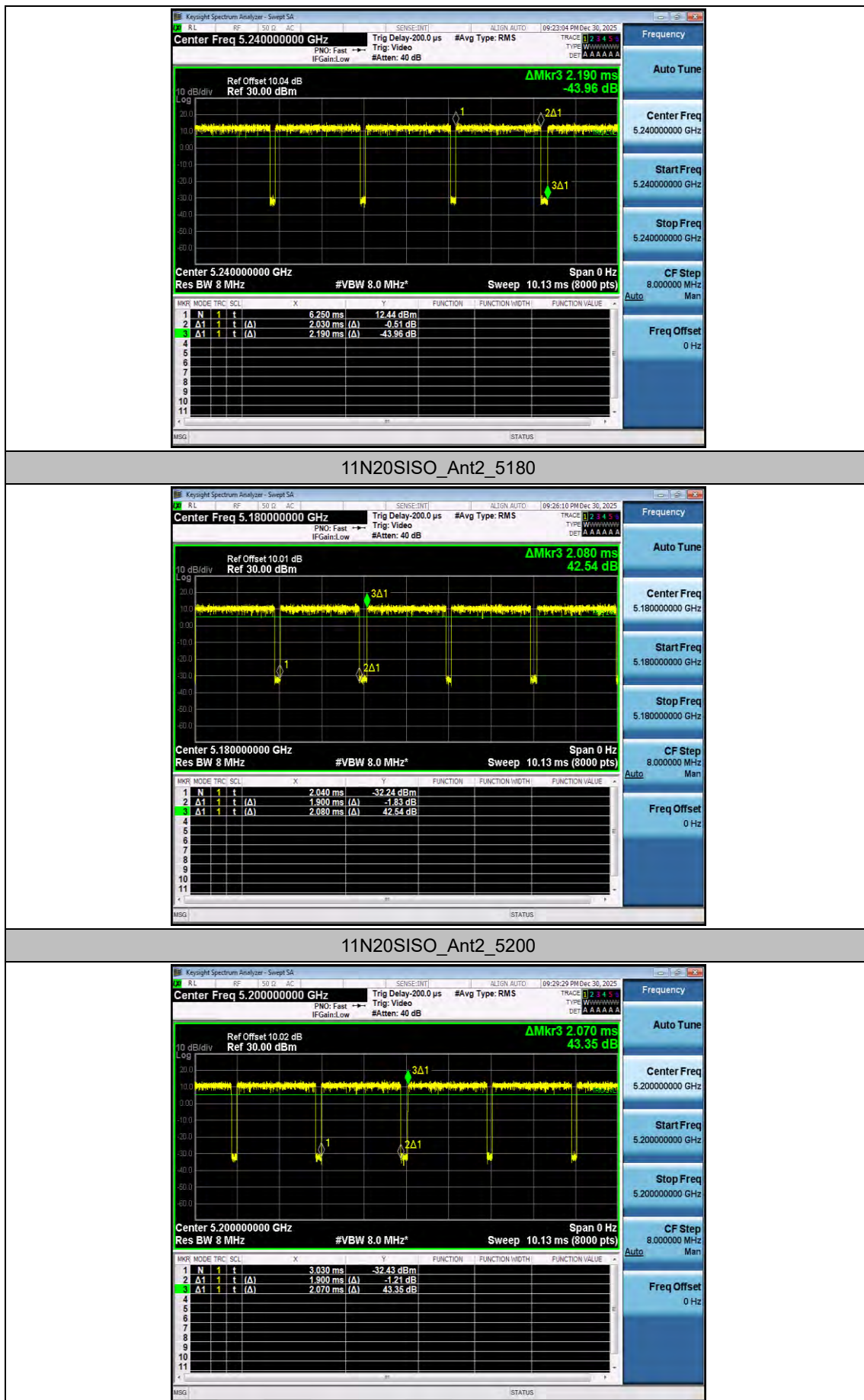
AppendixD.3: Duty Cycle

Test Result

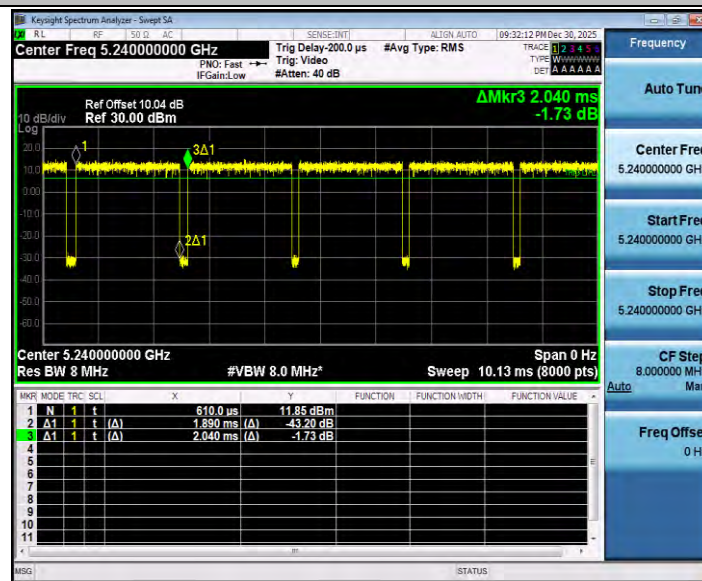
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant2	5180	2.03	2.16	93.98	0.27	0.49
		5200	2.03	2.24	90.63	0.43	0.49
		5240	2.03	2.19	92.69	0.33	0.49
11N20SISO	Ant2	5180	1.90	2.08	91.35	0.39	0.53
		5200	1.90	2.07	91.79	0.37	0.53
		5240	1.89	2.04	92.65	0.33	0.53
11N40SISO	Ant2	5190	0.93	1.12	83.04	0.81	1.08
		5230	0.93	1.12	83.04	0.81	1.08
11AC20SISO	Ant2	5180	1.90	2.05	92.68	0.33	0.53
		5200	1.90	2.11	90.05	0.46	0.53
		5240	1.90	2.11	90.05	0.46	0.53
11AC40SISO	Ant2	5190	0.93	1.24	75.00	1.25	1.08
		5230	0.94	1.10	85.45	0.68	1.06
11AX20SISO	Ant2	5180	1.46	1.59	91.82	0.37	0.68
		5200	1.46	1.63	89.57	0.48	0.68
		5240	1.46	1.69	86.39	0.64	0.68
11AX40SISO	Ant2	5190	0.76	0.93	81.72	0.88	1.32
		5230	0.76	0.93	81.72	0.88	1.32

Test Graphs

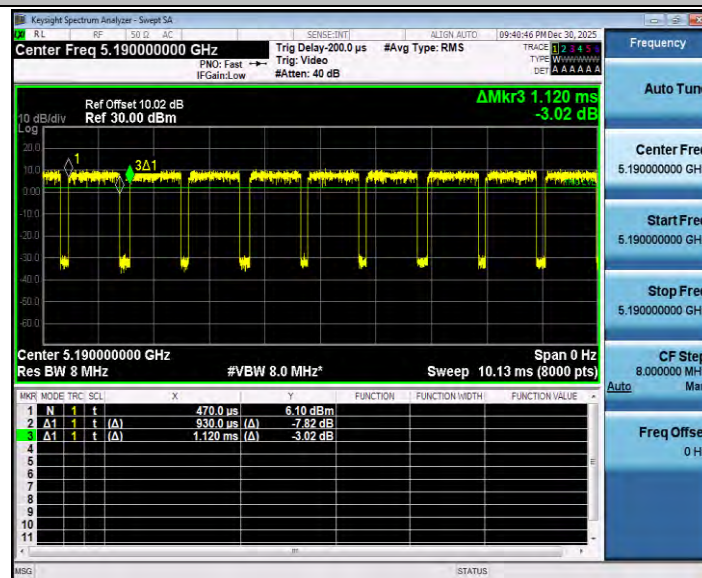




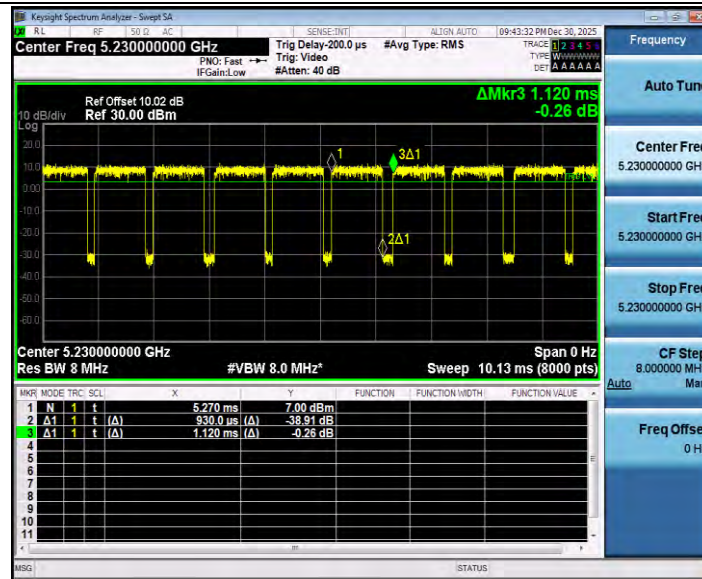
11N20SISO_Ant2_5240



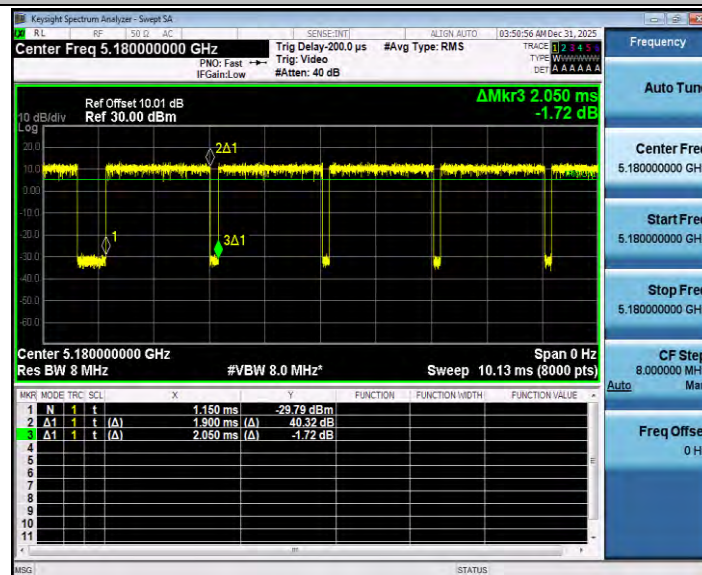
11N40SISO_Ant2_5190



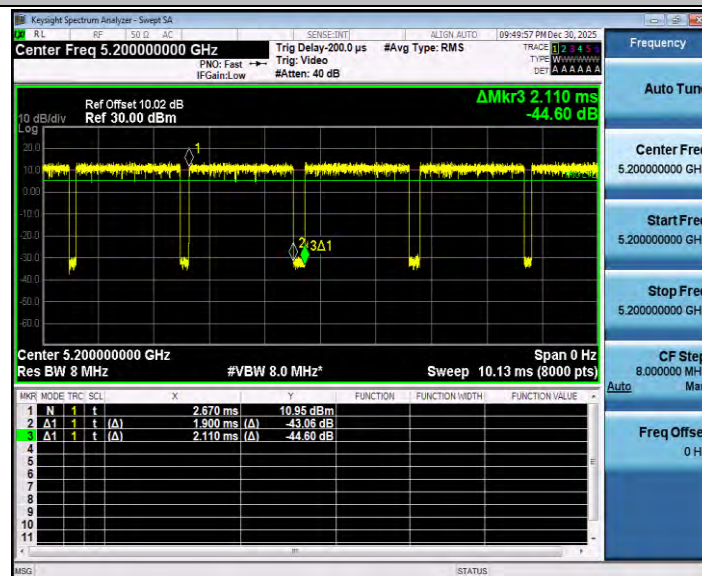
11N40SISO_Ant2_5230



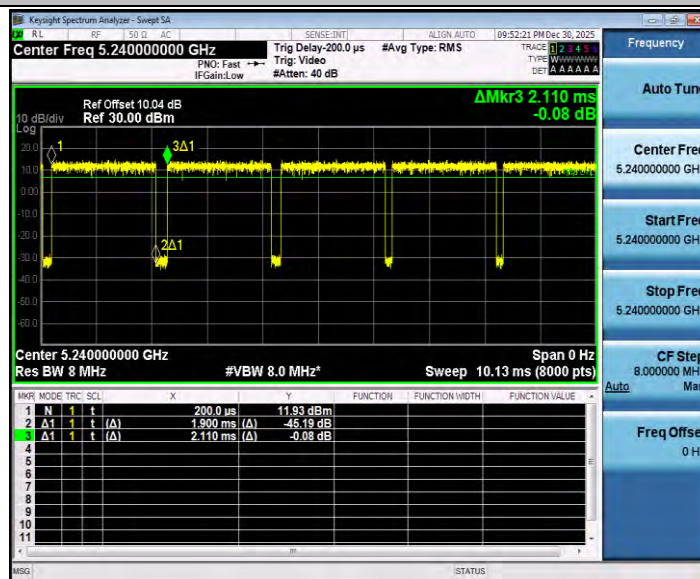
11AC20SISO_Ant2_5180



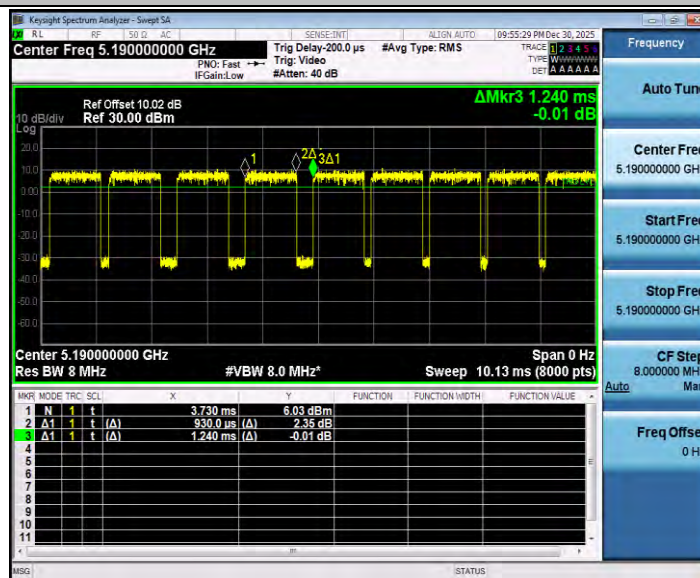
11AC20SISO_Ant2_5200



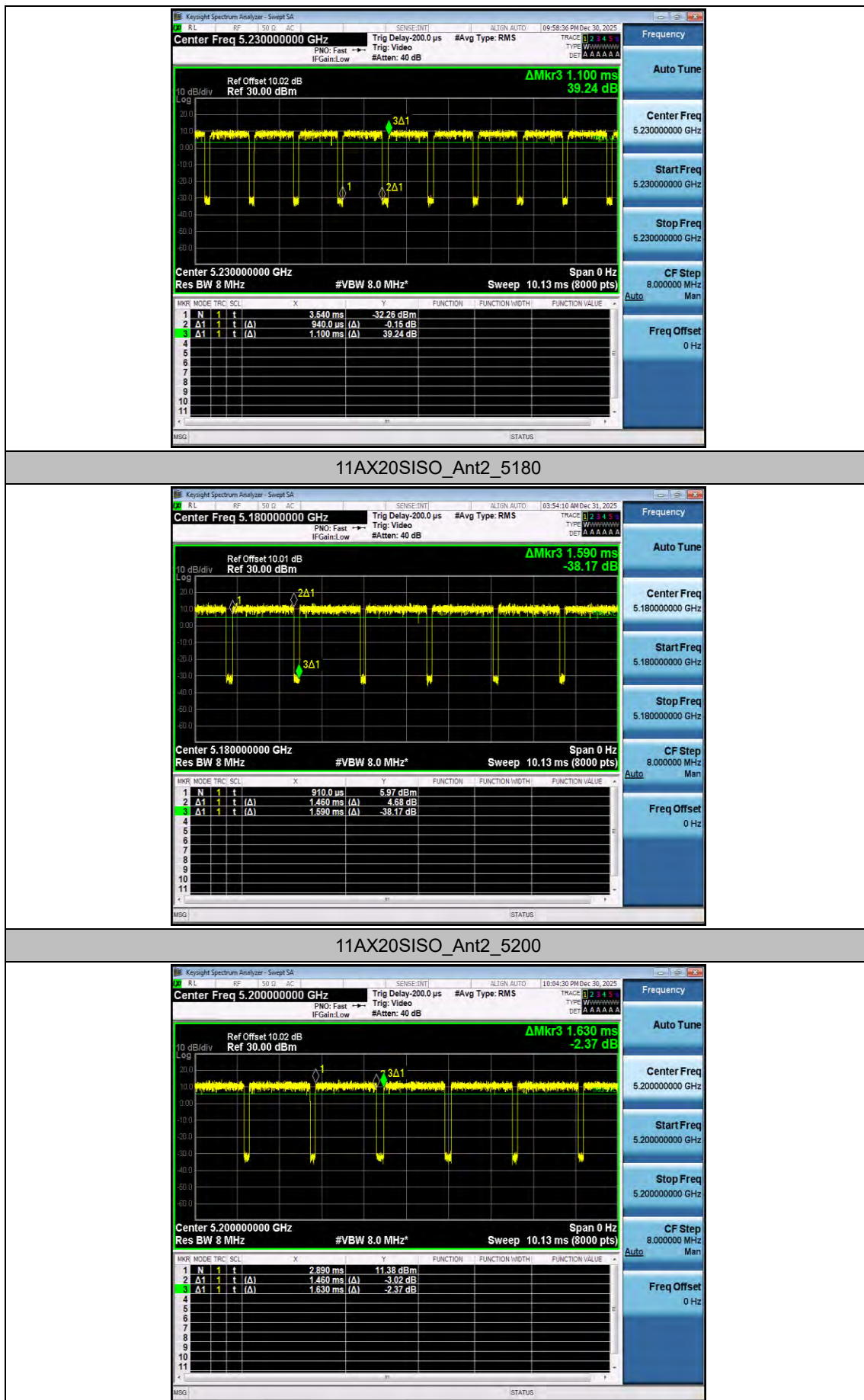
11AC20SISO_Ant2_5240

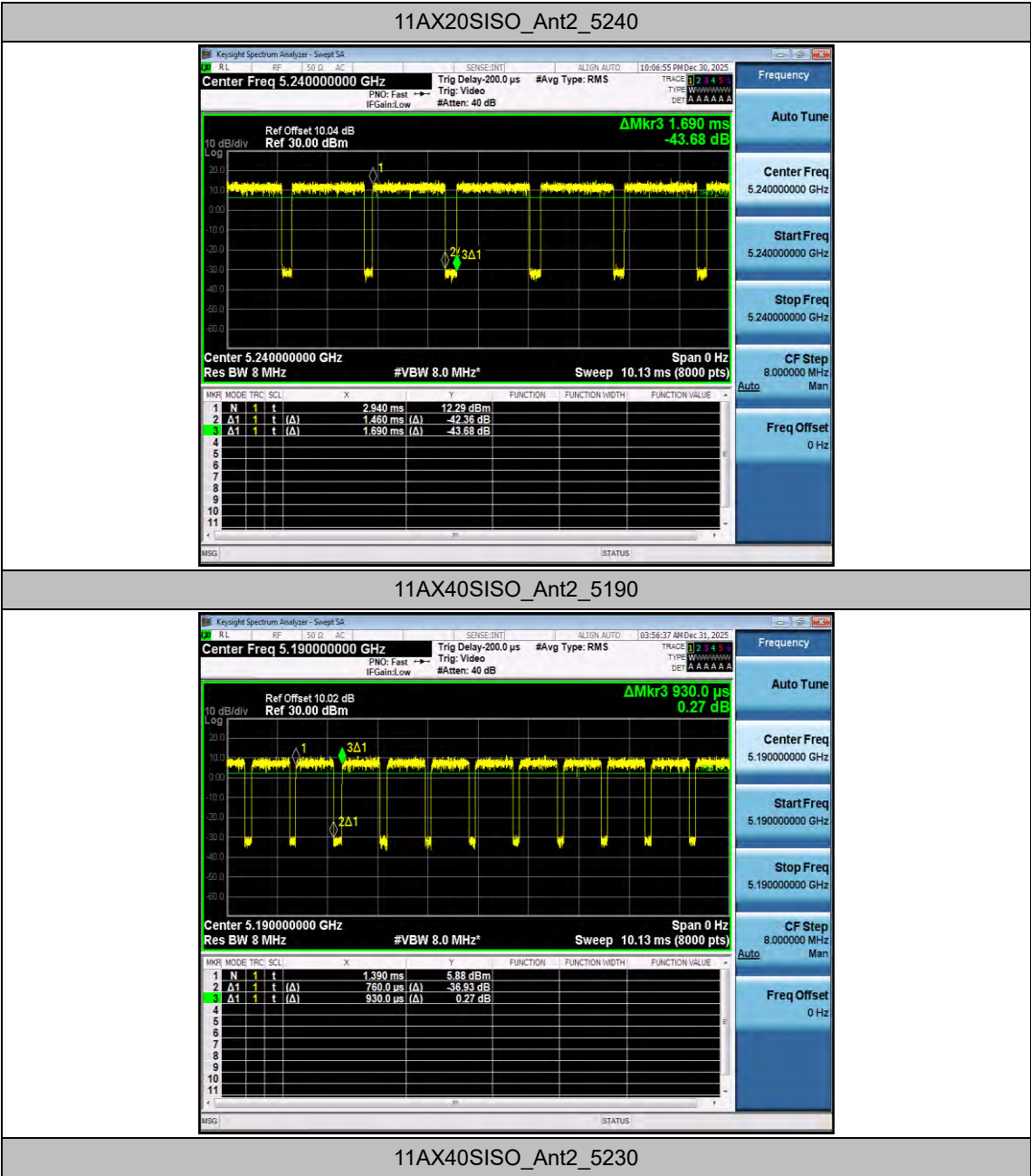


11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230





Appendix D.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	Ant2	5180	13.73	93.98	0.27	14.00	≤23.98	PASS
		5200	14.25	90.63	0.43	14.68	≤23.98	PASS
		5240	14.85	92.69	0.33	15.18	≤23.98	PASS
11N20SISO	Ant2	5180	13.61	91.35	0.39	14.00	≤23.98	PASS
		5200	14.17	91.79	0.37	14.54	≤23.98	PASS
		5240	14.77	92.65	0.33	15.10	≤23.98	PASS
11N40SISO	Ant2	5190	13.73	83.04	0.81	14.54	≤23.98	PASS
		5230	14.60	83.04	0.81	15.41	≤23.98	PASS
11AC20SISO	Ant2	5180	13.67	76.31	1.17	14.84	≤23.98	PASS
		5200	14.12	90.05	0.46	14.58	≤23.98	PASS
		5240	14.88	90.05	0.46	15.34	≤23.98	PASS
11AC40SISO	Ant2	5190	13.17	75.00	1.25	14.42	≤23.98	PASS
		5230	14.34	85.45	0.68	15.02	≤23.98	PASS
11AX20SISO	Ant2	5180	13.49	73.74	1.32	14.81	≤23.98	PASS
		5200	14.00	89.57	0.48	14.48	≤23.98	PASS
		5240	14.64	86.39	0.64	15.28	≤23.98	PASS
11AX40SISO	Ant2	5190	13.23	66.09	1.80	15.03	≤23.98	PASS
		5230	14.01	81.72	0.88	14.89	≤23.98	PASS

Note:

1. The Duty Cycle Factor is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the data.

Appendix D.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5180	2.76	≤11.00	PASS
		5200	3.54	≤11.00	PASS
		5240	4.14	≤11.00	PASS
11N20SISO	Ant2	5180	2.53	≤11.00	PASS
		5200	3.14	≤11.00	PASS
		5240	3.88	≤11.00	PASS
11N40SISO	Ant2	5190	0.24	≤11.00	PASS
		5230	1.10	≤11.00	PASS
11AC20SISO	Ant2	5180	3.37	≤11.00	PASS
		5200	3.24	≤11.00	PASS
		5240	4.11	≤11.00	PASS
11AC40SISO	Ant2	5190	0.47	≤11.00	PASS
		5230	0.81	≤11.00	PASS
11AX20SISO	Ant2	5180	3.22	≤11.00	PASS
		5200	2.88	≤11.00	PASS
		5240	3.88	≤11.00	PASS
11AX40SISO	Ant2	5190	0.50	≤11.00	PASS
		5230	0.51	≤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 Factorand RBW Factoriscompensatedinthegraph.

Test Graphs

11A_Ant2_5180



11A_Ant2_5200



11A_Ant2_5240



11N20SISO_Ant2_5180



11N20SISO_Ant2_5200



11N20SISO_Ant2_5240



11N40SISO_Ant2_5190



11N40SISO_Ant2_5230



11AC20SISO_Ant2_5180



11AC20SISO_Ant2_5200



11AC20SISO_Ant2_5240



11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



11AX20SISO_Ant2_5180



11AX20SISO_Ant2_5200



11AX20SISO_Ant2_5240



11AX40SISO_Ant2_5190



11AX40SISO_Ant2_5230

