

Case No. : <u>GTS20260616001-4-02</u>
Ambient Condition: <u>23</u> °C, <u>56</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.6.17-2026.7.1</u> Test Engineer: <u>Evan ouyang</u>

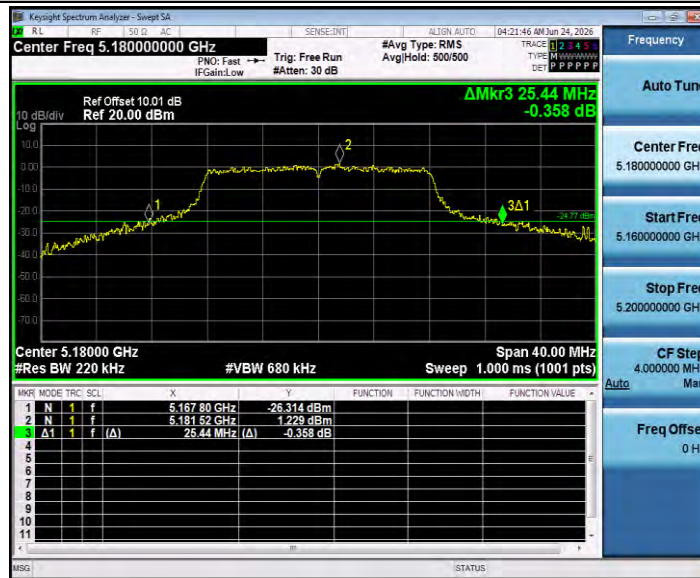
Appendix B.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant3	5180	25.440	5167.800	5193.240	---	---
		5200	28.080	5186.600	5214.680	---	---
		5240	19.960	5230.040	5250.000	---	---
11N20SISO	Ant3	5180	28.400	5166.960	5195.360	---	---
		5200	26.520	5186.440	5212.960	---	---
		5240	20.520	5229.760	5250.280	---	---
11N40SISO	Ant3	5190	50.480	5167.520	5218.000	---	---
		5230	40.640	5209.920	5250.560	---	---
11AC20SISO	Ant3	5180	27.600	5166.880	5194.480	---	---
		5200	28.120	5185.760	5213.880	---	---
		5240	20.560	5229.760	5250.320	---	---
11AC40SISO	Ant3	5190	53.360	5165.920	5219.280	---	---
		5230	40.640	5209.680	5250.320	---	---
11AC80SISO	Ant3	5210	104.320	5167.440	5271.760	---	---
11AX20SISO	Ant3	5180	24.640	5168.560	5193.200	---	---
		5200	27.000	5186.640	5213.640	---	---
		5240	20.040	5230.000	5250.040	---	---
11AX40SISO	Ant3	5190	47.680	5169.040	5216.720	---	---
		5230	39.600	5210.160	5249.760	---	---
11AX80SISO	Ant3	5210	87.520	5168.240	5255.760	---	---

Test Graphs

11A_Ant3_5180



11A_Ant3_5200



11A_Ant3_5240



11N20SISO_Ant3_5180



11N20SISO_Ant3_5200



11N20SISO_Ant3_5240



11N40SISO_Ant3_5190



11N40SISO_Ant3_5230



11AC20SISO_Ant3_5180



11AC20SISO_Ant3_5200



11AC20SISO_Ant3_5240



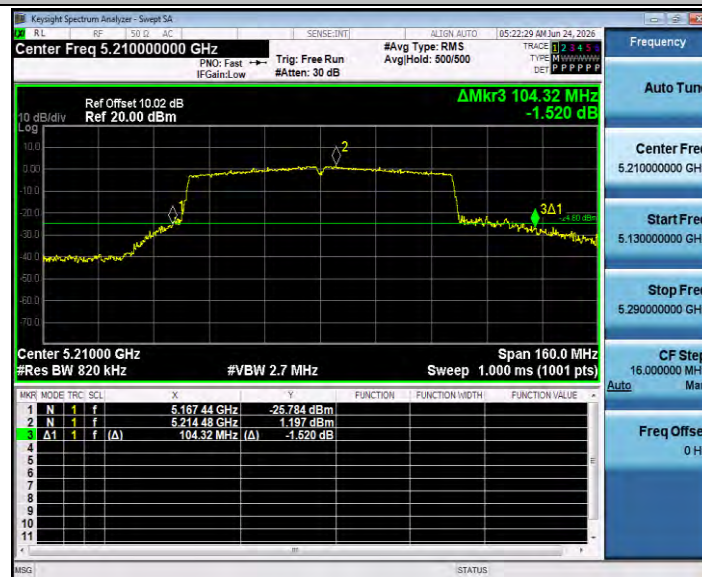
11AC40SISO_Ant3_5190



11AC40SISO_Ant3_5230



11AC80SISO_Ant3_5210



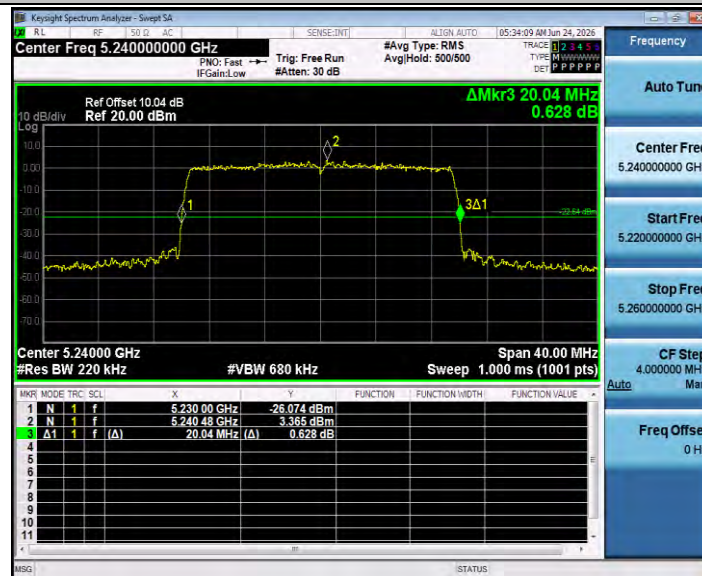
11AX20SISO_Ant3_5180



11AX20SISO_Ant3_5200



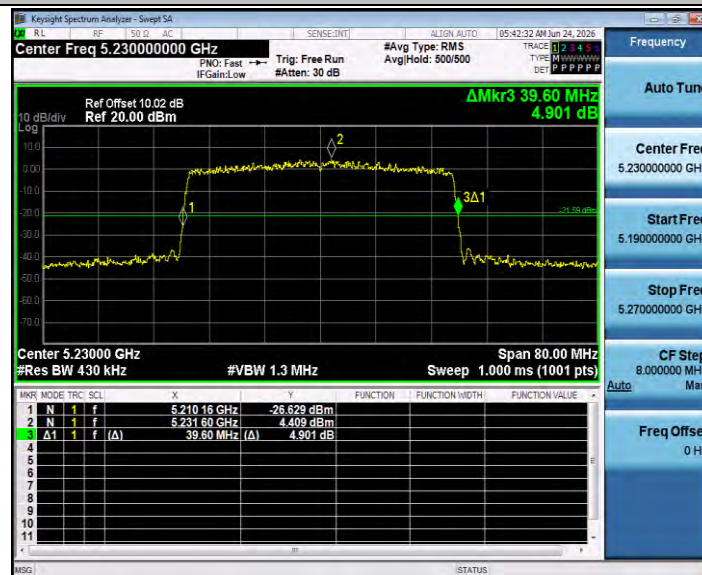
11AX20SISO_Ant3_5240



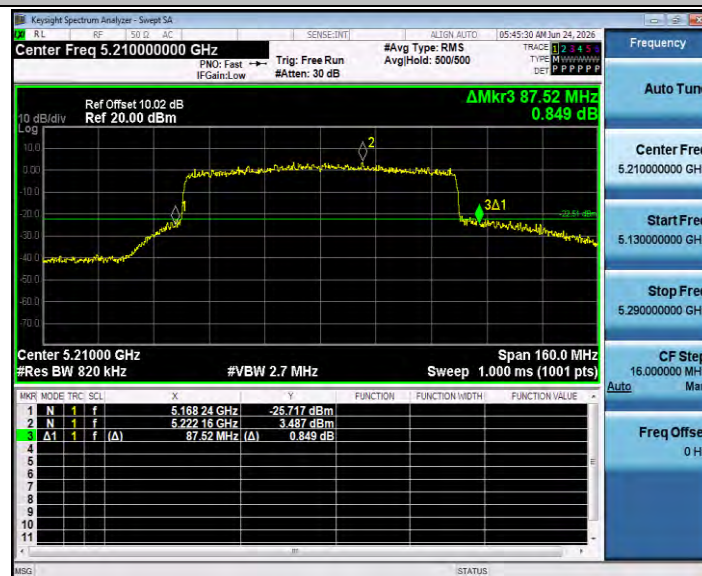
11AX40SISO_Ant3_5190



11AX40ISO_Ant3_5230



11AX80ISO_Ant3_5210

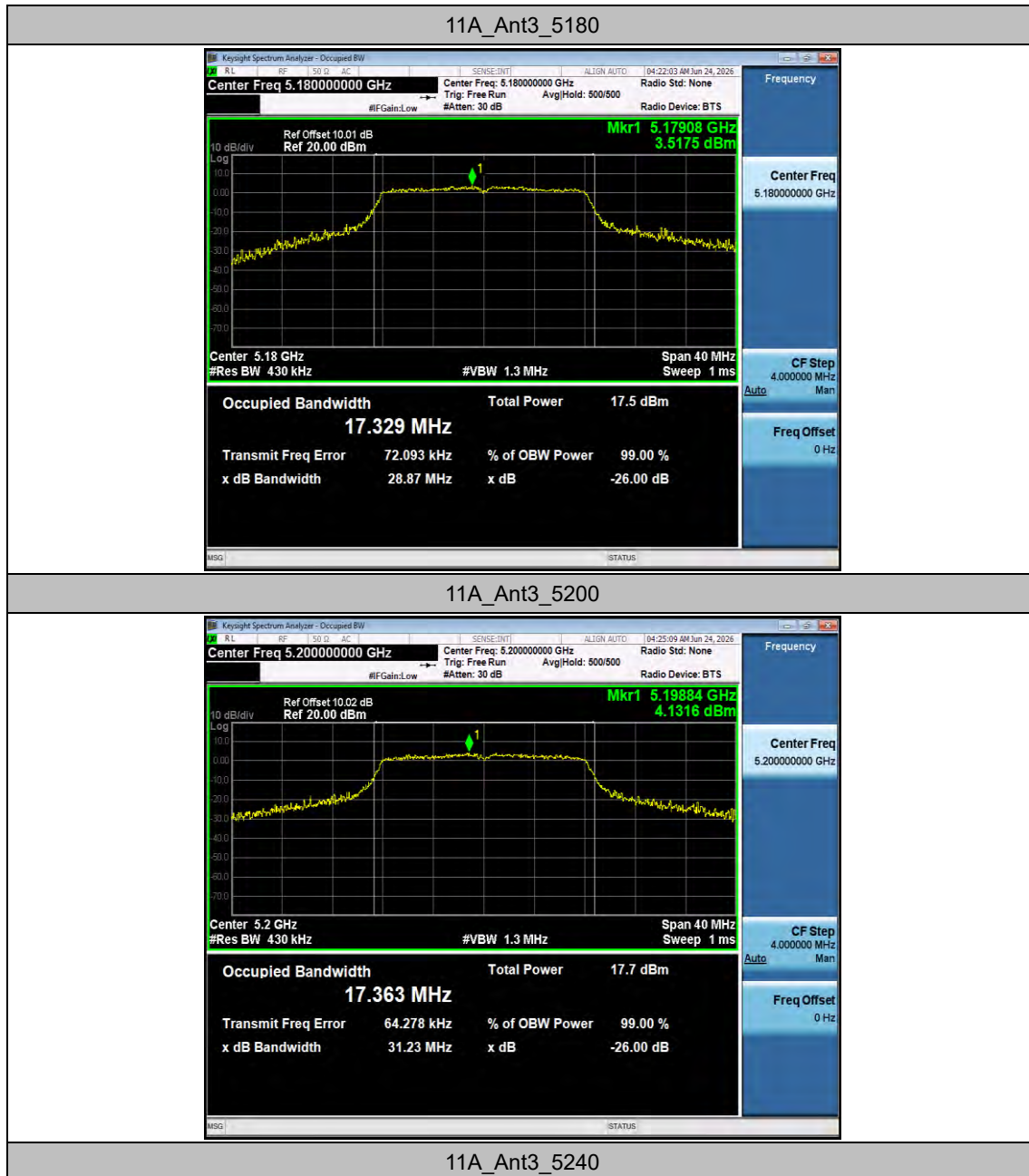


Appendix B.2: Occupied channel bandwidth

Test Result

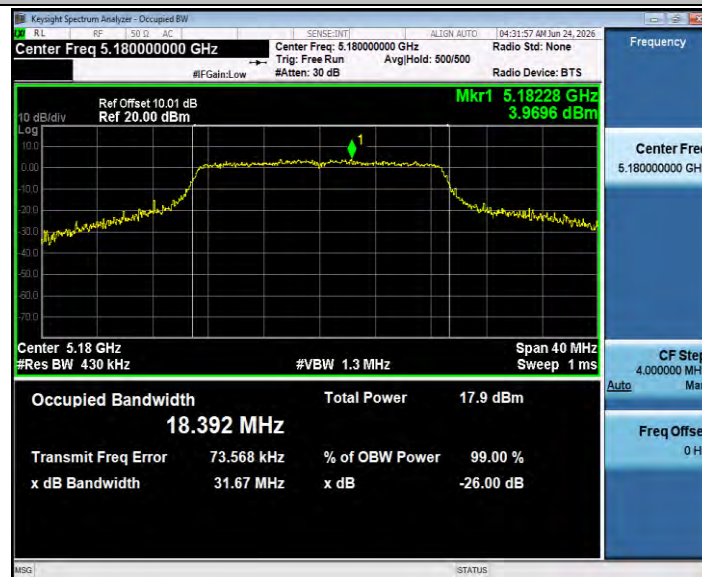
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant3	5180	17.329	5171.4076	5188.7366	---	---
		5200	17.363	5191.3828	5208.7458	---	---
		5240	17.116	5231.4797	5248.5957	---	---
11N20SISO	Ant3	5180	18.392	5170.8776	5189.2696	---	---
		5200	18.461	5190.8269	5209.2879	---	---
		5240	18.012	5231.0076	5249.0196	---	---
11N40SISO	Ant3	5190	36.766	5171.7819	5208.5479	---	---
		5230	36.373	5211.8827	5248.2557	---	---
11AC20SISO	Ant3	5180	18.437	5170.8653	5189.3023	---	---
		5200	18.370	5190.8432	5209.2132	---	---
		5240	18.110	5230.9598	5249.0698	---	---
11AC40SISO	Ant3	5190	36.796	5171.8085	5208.6045	---	---
		5230	36.422	5211.7861	5248.2081	---	---
11AC80SISO	Ant3	5210	75.486	5172.4337	5247.9197	---	---
11AX20SISO	Ant3	5180	19.271	5170.4150	5189.6860	---	---
		5200	19.277	5190.4021	5209.6791	---	---
		5240	18.921	5230.5529	5249.4739	---	---
11AX40SISO	Ant3	5190	37.807	5171.2466	5209.0536	---	---
		5230	37.605	5211.2202	5248.8252	---	---
11AX80SISO	Ant3	5210	77.317	5171.5348	5248.8518	---	---

Test Graphs





11N20SISO_Ant3_5180



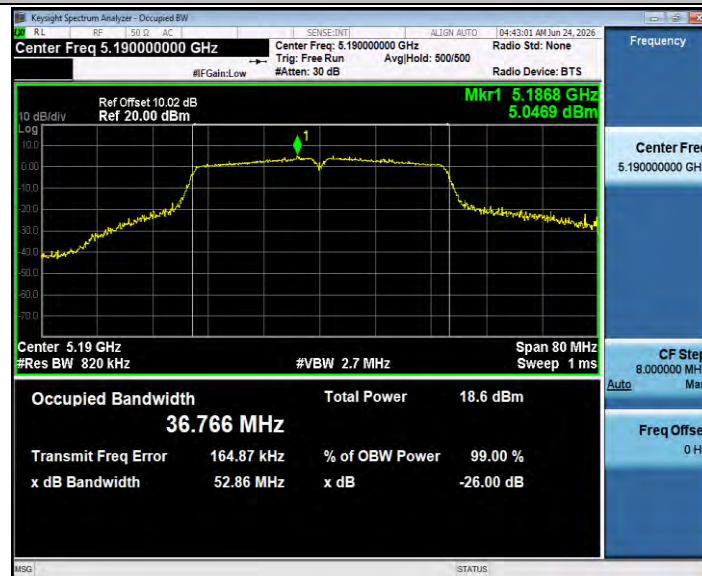
11N20SISO_Ant3_5200



11N20SISO_Ant3_5240



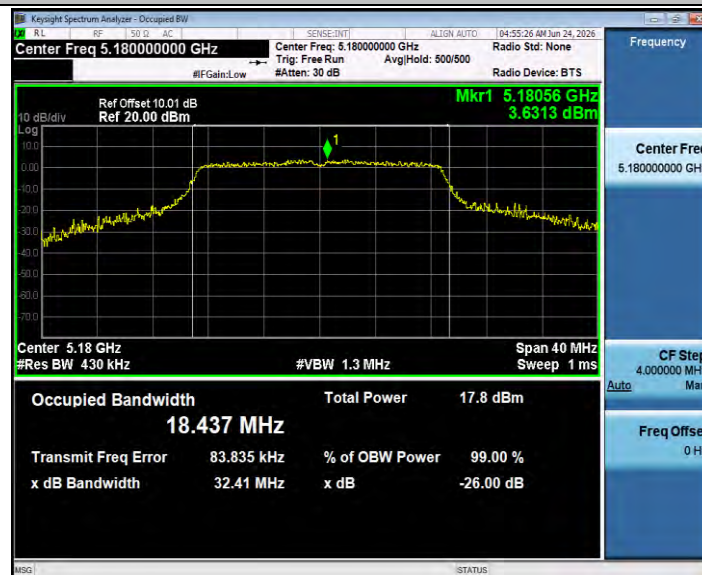
11N40SISO_Ant3_5190



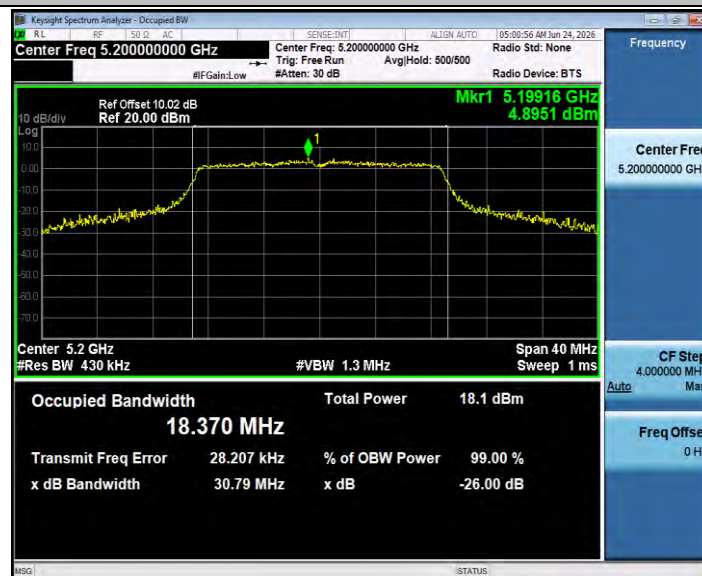
11N40SISO_Ant3_5230



11AC20SISO_Ant3_5180



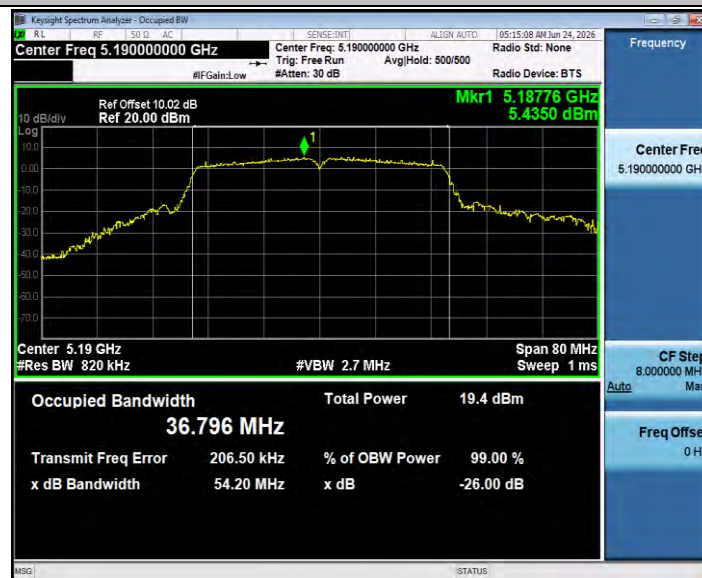
11AC20SISO_Ant3_5200



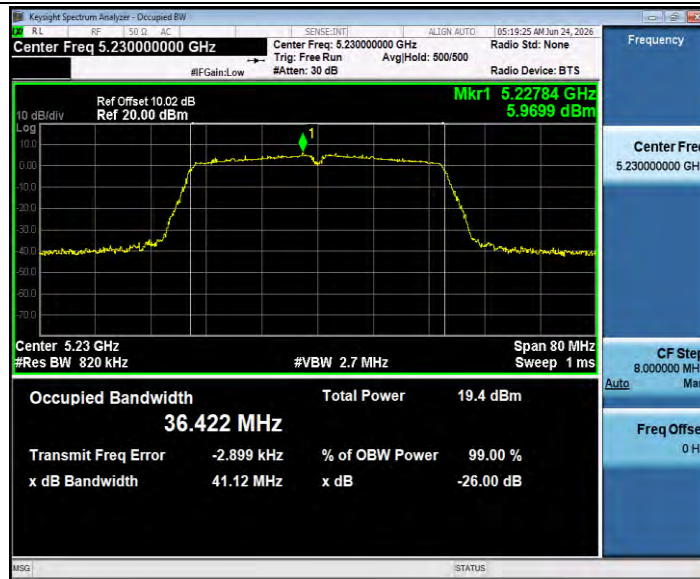
11AC20SISO_Ant3_5240



11AC40SISO_Ant3_5190



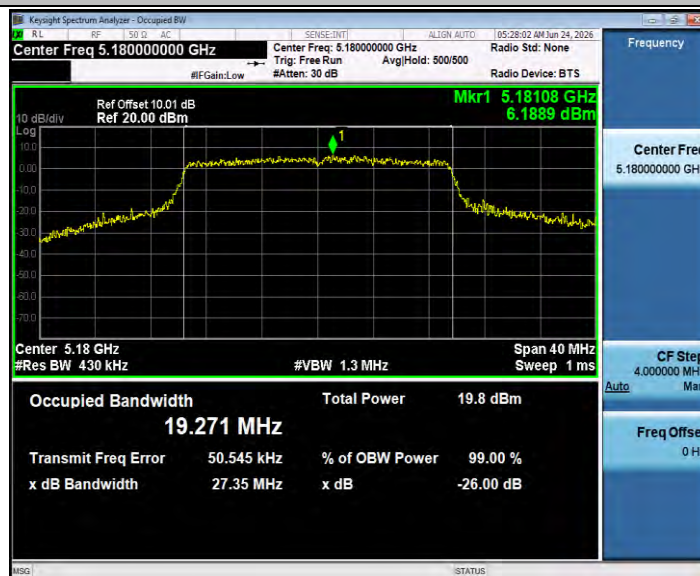
11AC40SISO_Ant3_5230

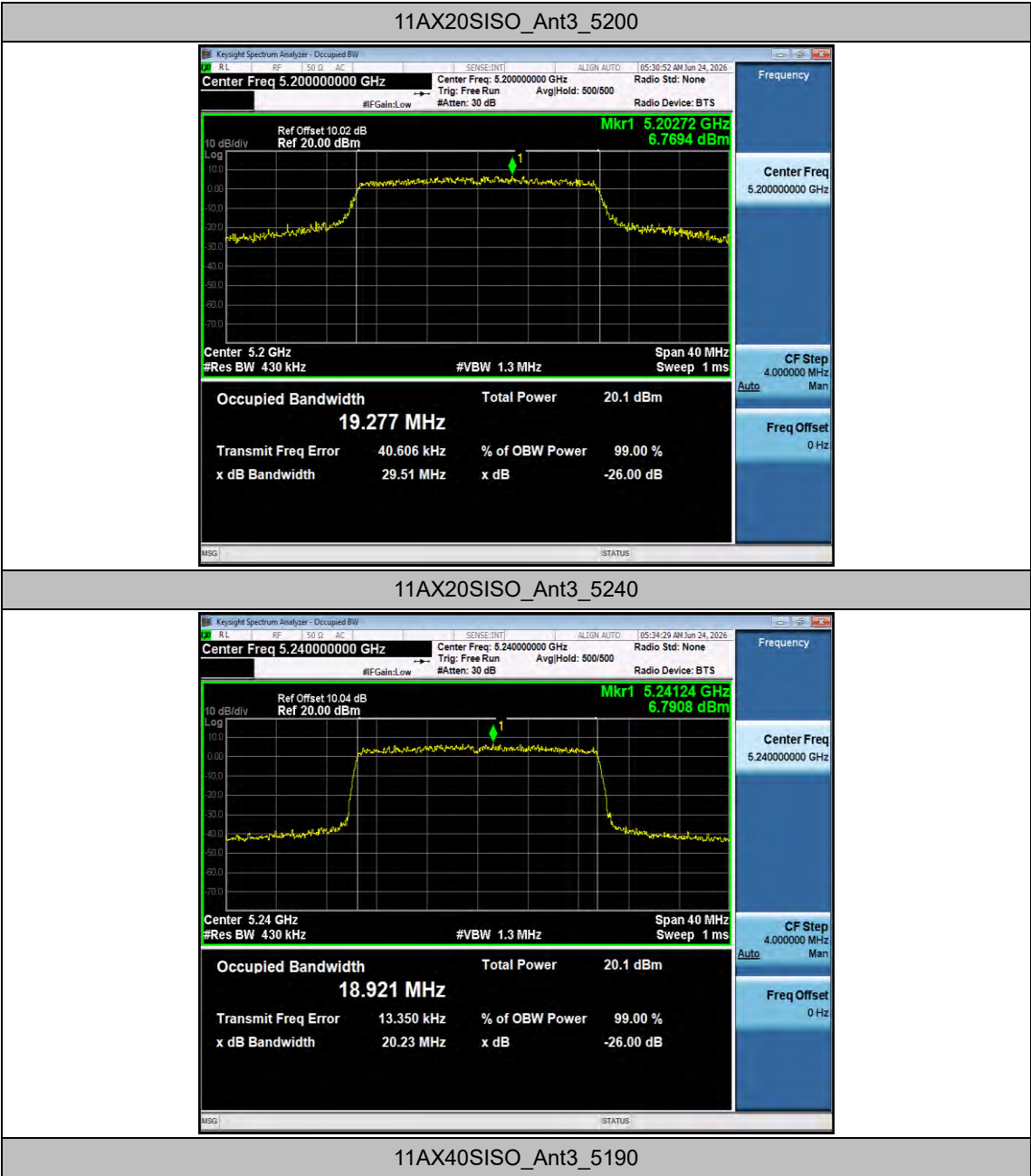


11AC80SISO_Ant3_5210



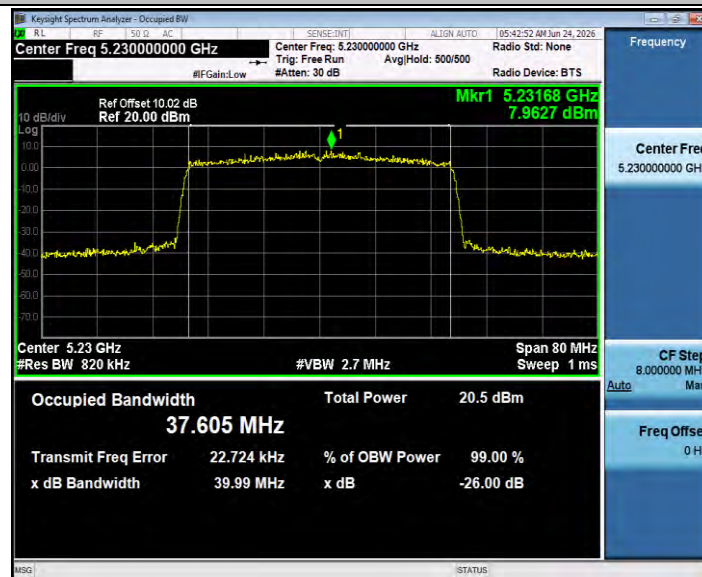
11AX20SISO_Ant3_5180







11AX40SISO_Ant3_5230



11AX80SISO_Ant3_5210

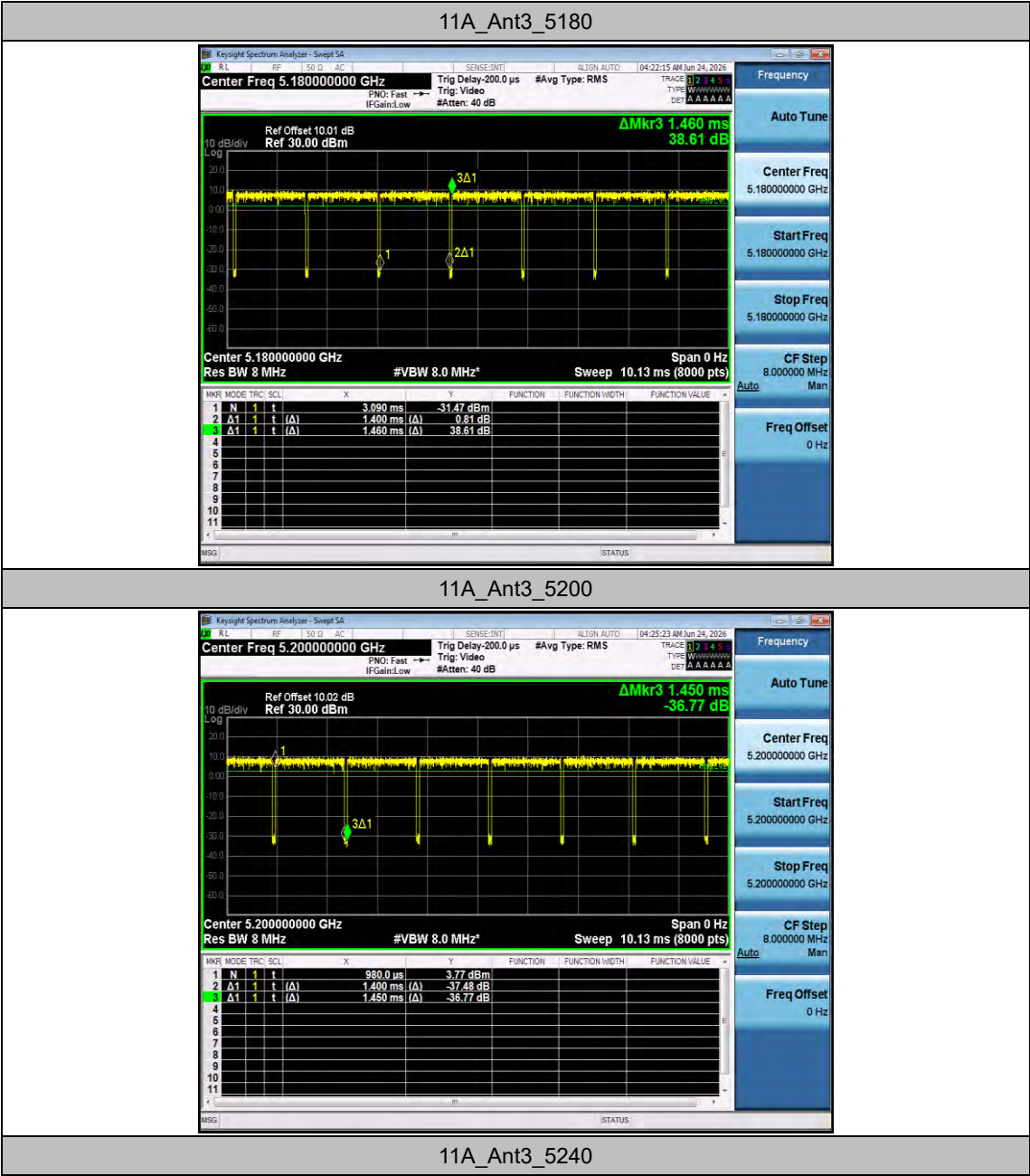


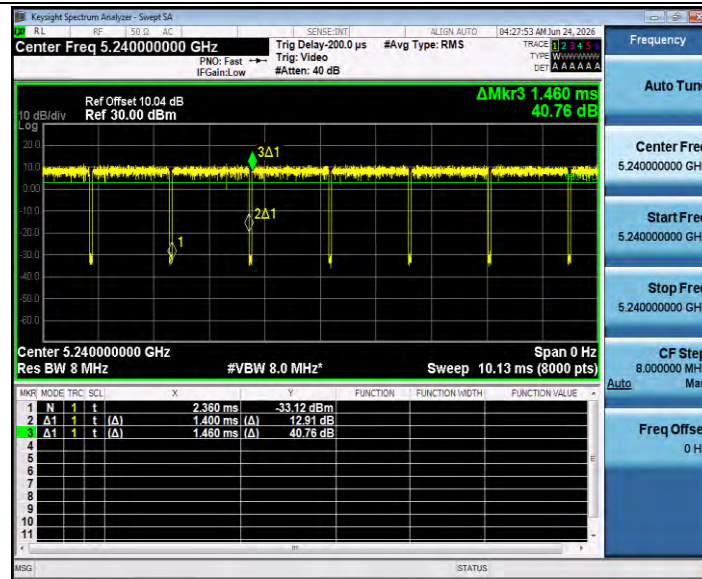
AppendixB.3: Duty Cycle

Test Result

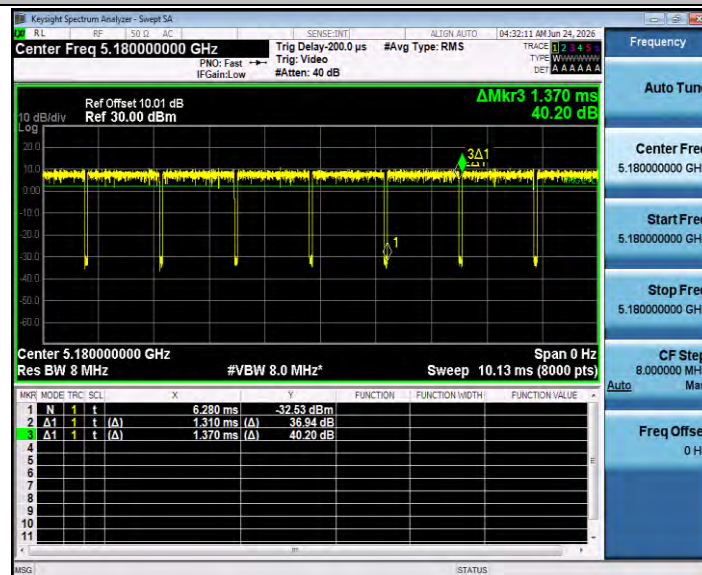
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant3	5180	1.40	1.46	95.89	0.18	0.71
		5200	1.40	1.45	96.55	0.15	0.71
		5240	1.40	1.46	95.89	0.18	0.71
11N20SISO	Ant3	5180	1.31	1.37	95.62	0.19	0.76
		5200	1.31	1.37	95.62	0.19	0.76
		5240	1.31	1.36	96.32	0.16	0.76
11N40SISO	Ant3	5190	0.64	0.70	91.43	0.39	1.56
		5230	0.65	0.70	92.86	0.32	1.54
11AC20SISO	Ant3	5180	0.48	0.54	88.89	0.51	2.08
		5200	0.48	0.53	90.57	0.43	2.08
		5240	0.48	0.53	90.57	0.43	2.08
11AC40SISO	Ant3	5190	0.26	0.32	81.25	0.90	3.85
		5230	0.26	0.32	81.25	0.90	3.85
11AC80SISO	Ant3	5210	0.15	0.21	71.43	1.46	6.67
11AX20SISO	Ant3	5180	0.43	0.49	87.76	0.57	2.33
		5200	0.43	0.49	87.76	0.57	2.33
		5240	0.43	0.49	87.76	0.57	2.33
11AX40SISO	Ant3	5190	0.43	0.48	89.58	0.48	2.33
		5230	0.42	0.48	87.50	0.58	2.38
11AX80SISO	Ant3	5210	0.41	0.47	87.23	0.59	2.44

Test Graphs

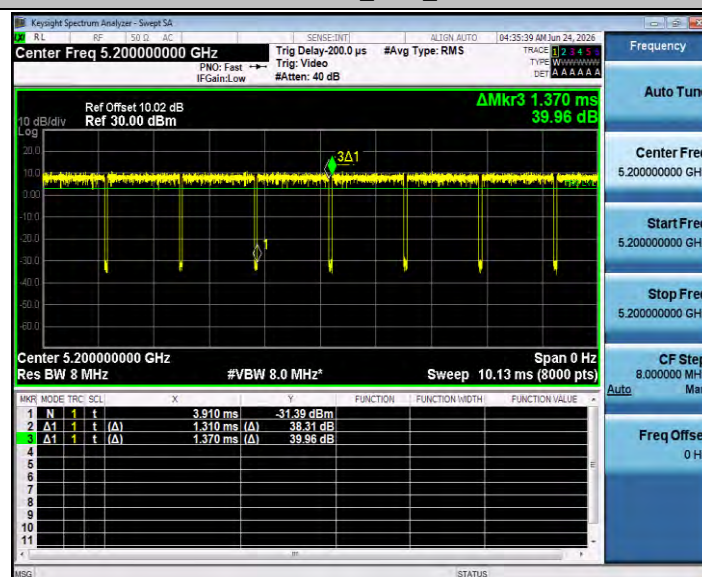




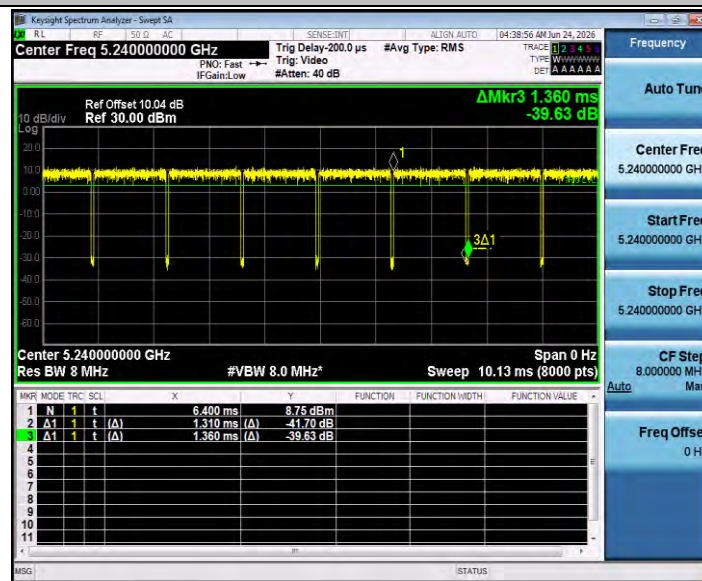
11N20SISO_Ant3_5180



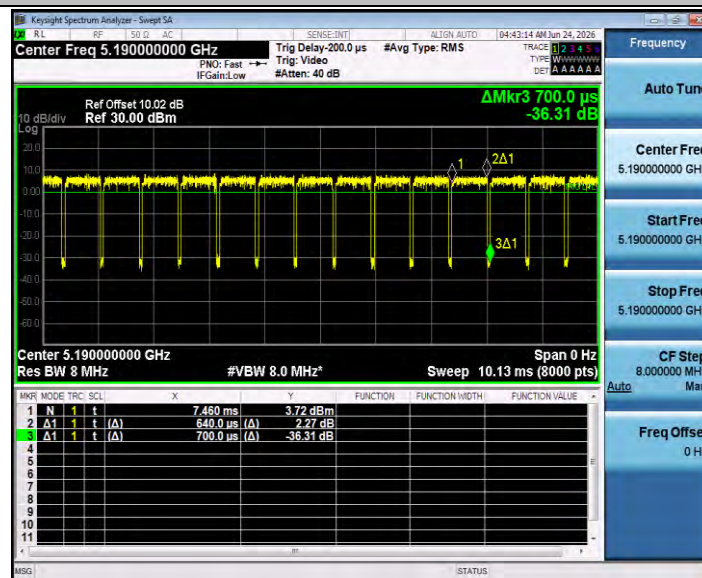
11N20SISO_Ant3_5200



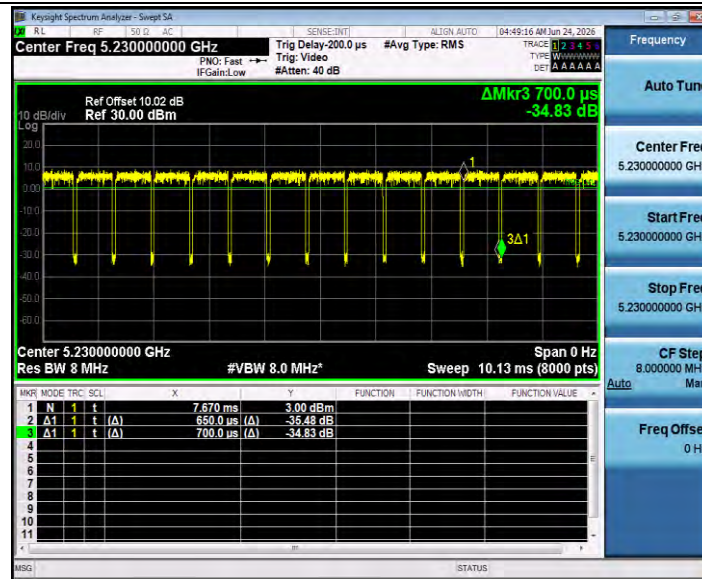
11N20SISO_Ant3_5240



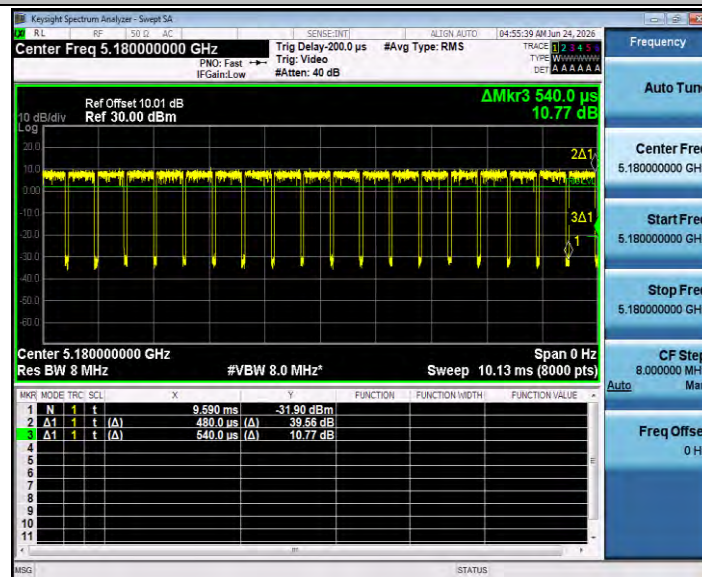
11N40SISO_Ant3_5190



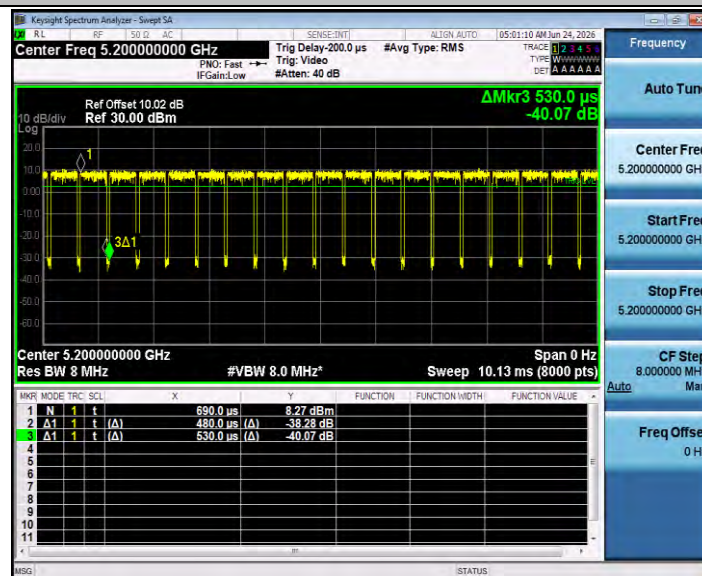
11N40SISO_Ant3_5230



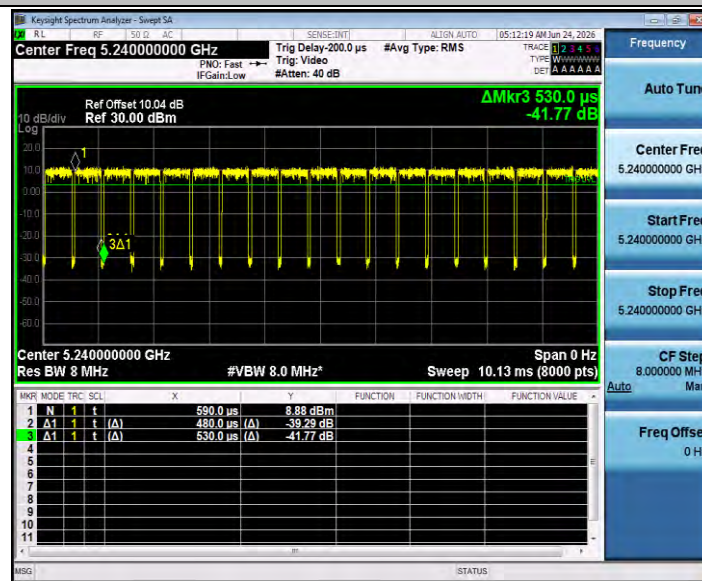
11AC20SISO_Ant3_5180



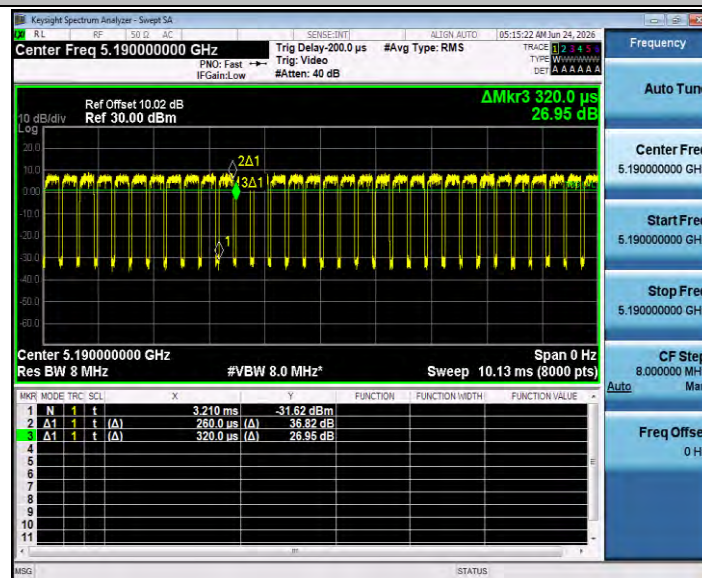
11AC20SISO_Ant3_5200



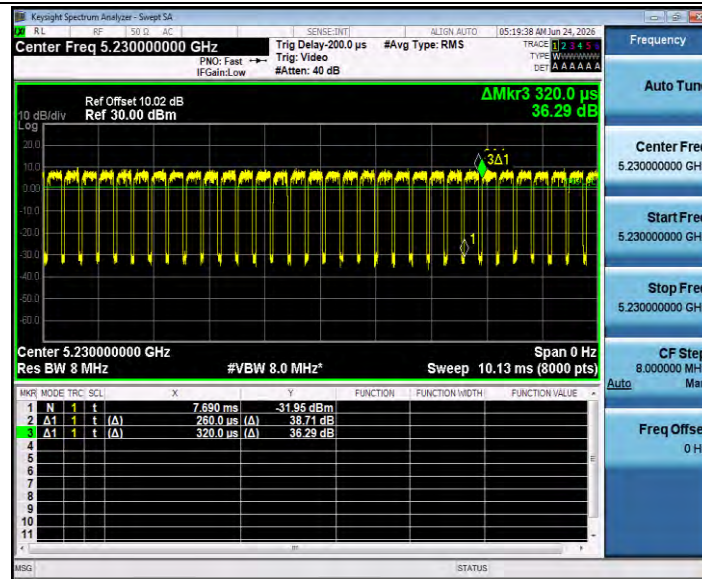
11AC20SISO_Ant3_5240



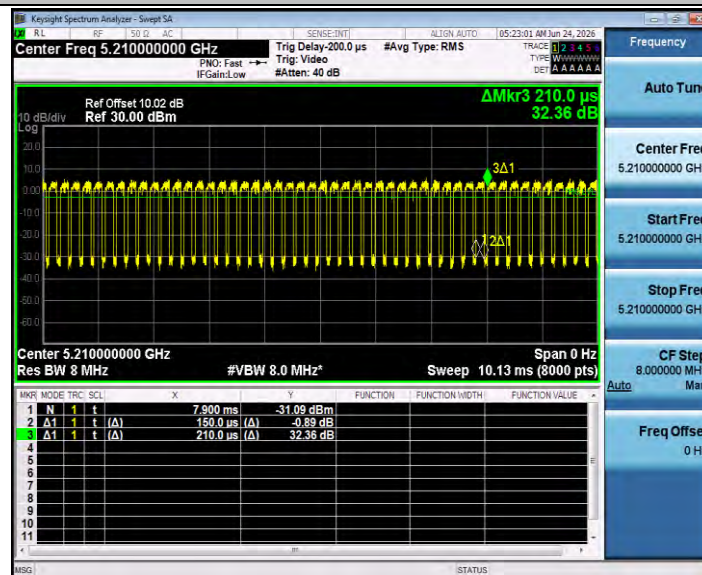
11AC40SISO_Ant3_5190



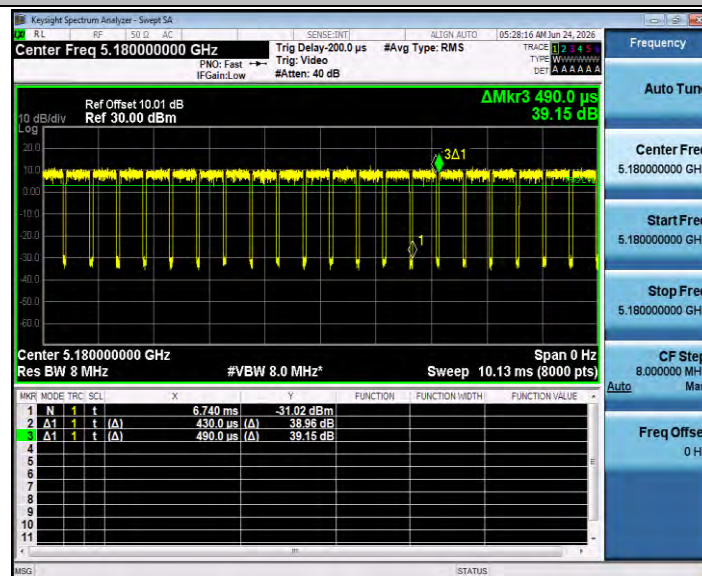
11AC40SISO_Ant3_5230



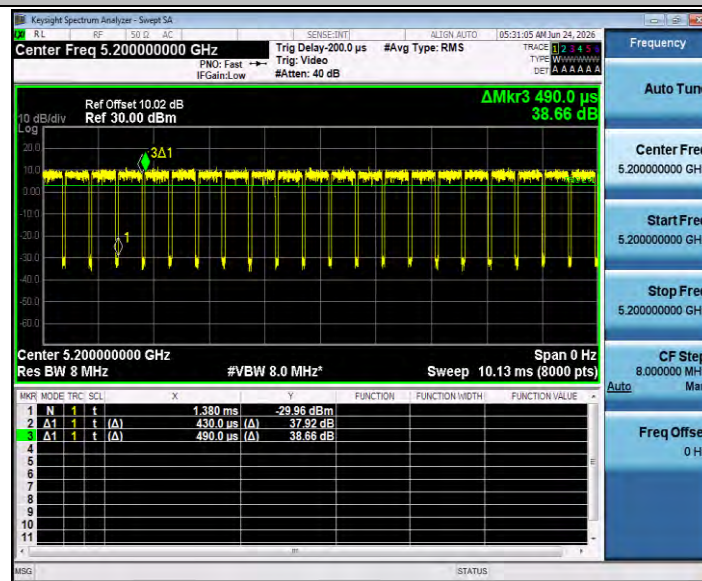
11AC80SISO_Ant3_5210



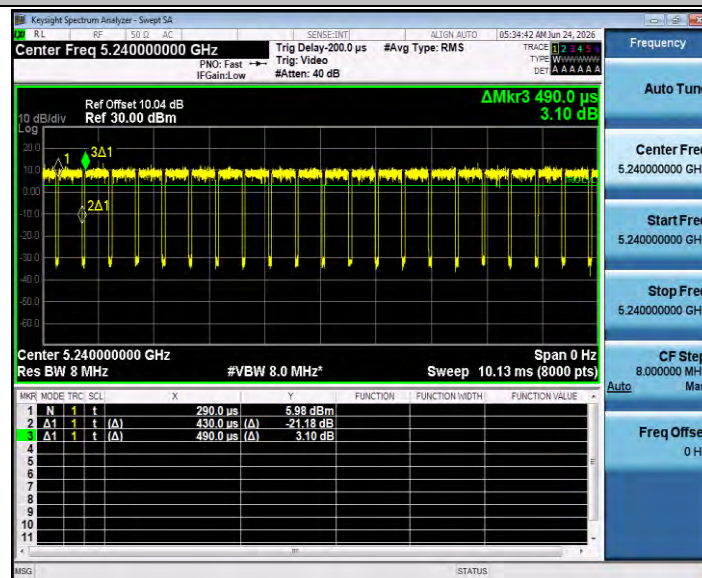
11AX20SISO_Ant3_5180



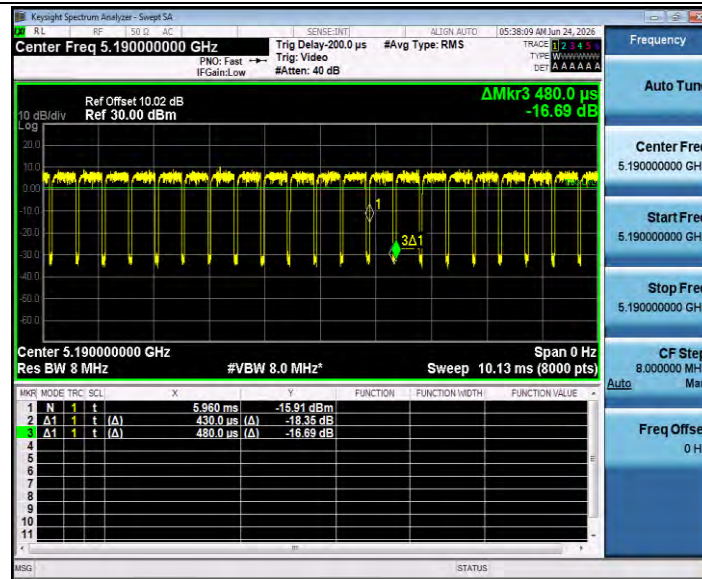
11AX20SISO_Ant3_5200



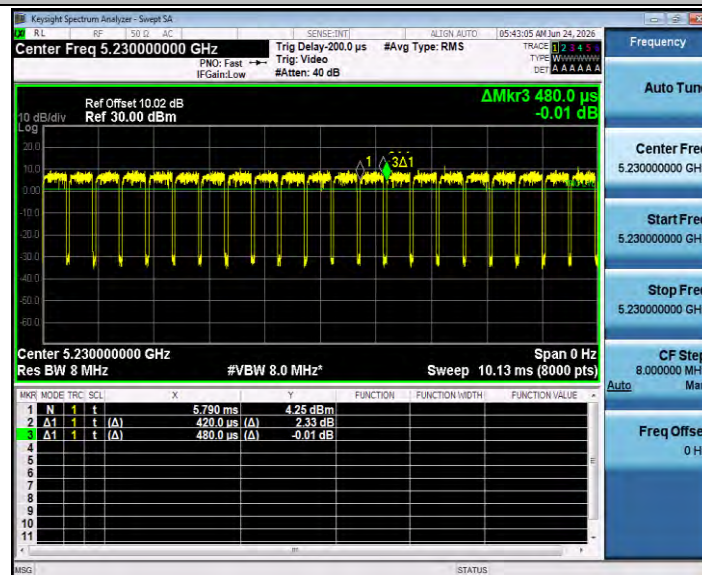
11AX20SISO_Ant3_5240



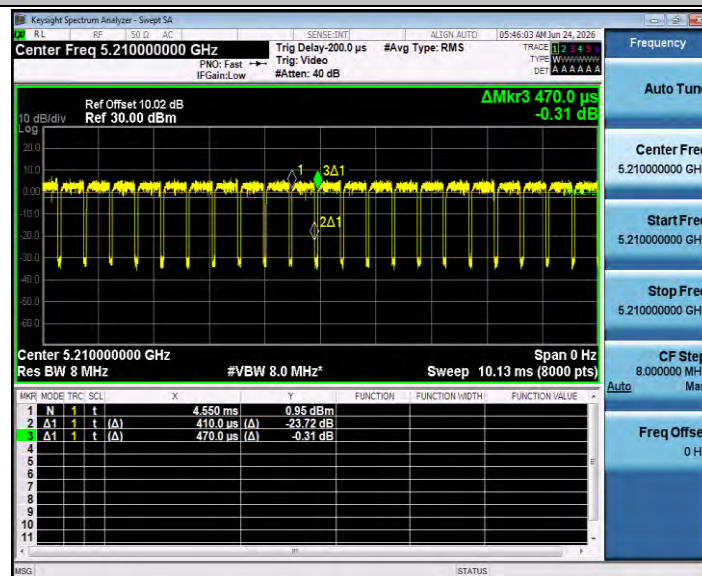
11AX40SISO_Ant3_5190



11AX40ISO_Ant3_5230



11AX80ISO_Ant3_5210



Appendix B.4: Maximum conducted output power

Test Result

Test Mode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant3	5180	10.50	95.89	0.18	10.68	≤23.98	PASS
		5200	10.74	96.55	0.15	10.89	≤23.98	PASS
		5240	11.23	95.89	0.18	11.41	≤23.98	PASS
11N20SISO	Ant3	5180	10.87	95.62	0.19	11.06	≤23.98	PASS
		5200	11.24	95.62	0.19	11.43	≤23.98	PASS
		5240	11.61	96.32	0.16	11.77	≤23.98	PASS
11N40SISO	Ant3	5190	10.81	91.43	0.39	11.20	≤23.98	PASS
		5230	11.24	92.86	0.32	11.56	≤23.98	PASS
11AC20SISO	Ant3	5180	10.52	88.89	0.51	11.03	≤23.98	PASS
		5200	10.85	90.57	0.43	11.28	≤23.98	PASS
		5240	12.06	90.57	0.43	12.49	≤23.98	PASS
11AC40SISO	Ant3	5190	10.92	81.25	0.90	11.82	≤23.98	PASS
		5230	11.23	81.25	0.90	12.13	≤23.98	PASS
11AC80SISO	Ant3	5210	9.85	71.43	1.46	11.31	≤23.98	PASS
11AX20SISO	Ant3	5180	11.23	87.76	0.57	11.80	≤23.98	PASS
		5200	10.99	87.76	0.57	11.56	≤23.98	PASS
		5240	11.45	87.76	0.57	12.02	≤23.98	PASS
11AX40SISO	Ant3	5190	10.77	89.58	0.48	11.25	≤23.98	PASS
		5230	11.40	87.50	0.58	11.98	≤23.98	PASS
11AX80SISO	Ant3	5210	10.52	87.23	0.59	11.11	≤23.98	PASS

Appendix B.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant3	5180	-0.41	≤11.00	PASS
		5200	-0.16	≤11.00	PASS
		5240	0.17	≤11.00	PASS
11N20SISO	Ant3	5180	-0.27	≤11.00	PASS
		5200	0.11	≤11.00	PASS
		5240	0.42	≤11.00	PASS
11N40SISO	Ant3	5190	-2.32	≤11.00	PASS
		5230	-1.95	≤11.00	PASS
11AC20SISO	Ant3	5180	-0.19	≤11.00	PASS
		5200	0.07	≤11.00	PASS
		5240	1.02	≤11.00	PASS
11AC40SISO	Ant3	5190	-1.80	≤11.00	PASS
		5230	-1.44	≤11.00	PASS
11AC80SISO	Ant3	5210	-5.09	≤11.00	PASS
11AX20SISO	Ant3	5180	0.13	≤11.00	PASS
		5200	-0.14	≤11.00	PASS
		5240	0.35	≤11.00	PASS
11AX40SISO	Ant3	5190	-2.56	≤11.00	PASS
		5230	-1.79	≤11.00	PASS
11AX80SISO	Ant3	5210	-5.53	≤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_Ant3_5180



11A_Ant3_5200



11A_Ant3_5240



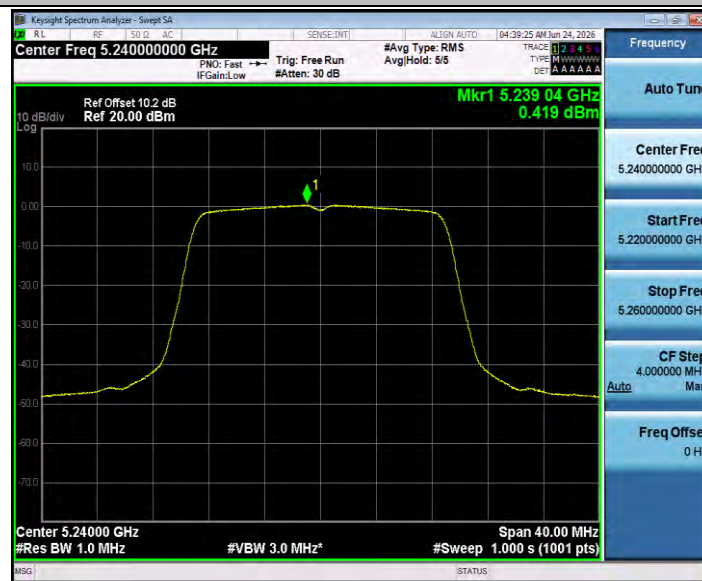
11N20SISO_Ant3_5180



11N20SISO_Ant3_5200



11N20SISO_Ant3_5240



11N40SISO_Ant3_5190



11N40SISO_Ant3_5230



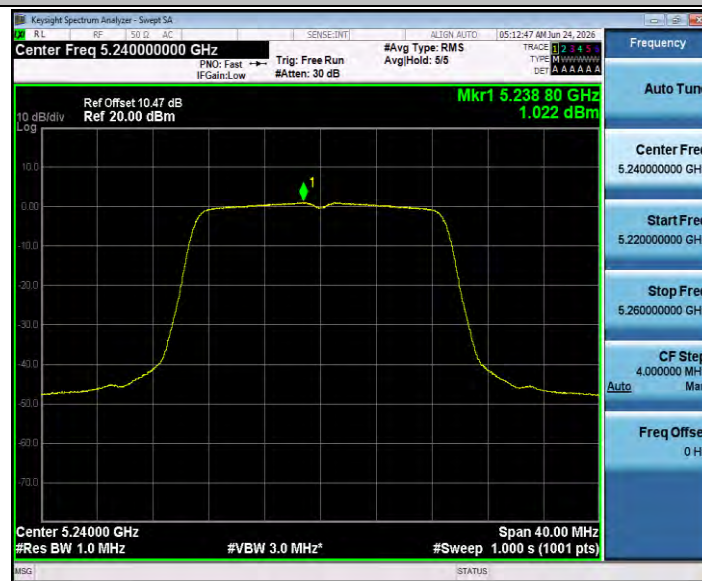
11AC20SISO_Ant3_5180



11AC20SISO_Ant3_5200



11AC20SISO_Ant3_5240



11AC40SISO_Ant3_5190



11AC40SISO_Ant3_5230



11AC80SISO_Ant3_5210



11AX20SISO_Ant3_5180



11AX20SISO_Ant3_5200



11AX20SISO_Ant3_5240



11AX40SISO_Ant3_5190



11AX40ISO_Ant3_5230



11AX80ISO_Ant3_5210

