

Case No. : <u>GTS20260616001-3-02</u>
Ambient Condition: <u>23</u> °C, <u>60</u> %RH
According Standard: ■Part15E
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	19.960	5170.000	5189.960	---	---
		5200	20.040	5189.840	5209.880	---	---
		5240	20.000	5229.920	5249.920	---	---
11N20SISO	Ant3	5180	20.400	5169.720	5190.120	---	---
		5200	20.400	5189.880	5210.280	---	---
		5240	20.200	5229.880	5250.080	---	---
11N40SISO	Ant3	5190	40.160	5169.920	5210.080	---	---
		5230	40.160	5209.840	5250.000	---	---
11AC20SISO	Ant3	5180	20.360	5169.760	5190.120	---	---
		5200	20.440	5189.760	5210.200	---	---
		5240	20.400	5229.720	5250.120	---	---
11AC40SISO	Ant3	5190	40.080	5170.000	5210.080	---	---
		5230	40.560	5209.680	5250.240	---	---
11AC80SISO	Ant3	5210	79.840	5170.320	5250.160	---	---
11AX20SISO	Ant3	5180	22.880	5169.080	5191.960	---	---
		5200	23.960	5188.280	5212.240	---	---
		5240	20.000	5230.000	5250.000	---	---
11AX40SISO	Ant3	5190	39.520	5170.240	5209.760	---	---
		5230	39.680	5210.160	5249.840	---	---
11AX80SISO	Ant3	5210	80.160	5169.840	5250.000	---	---

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



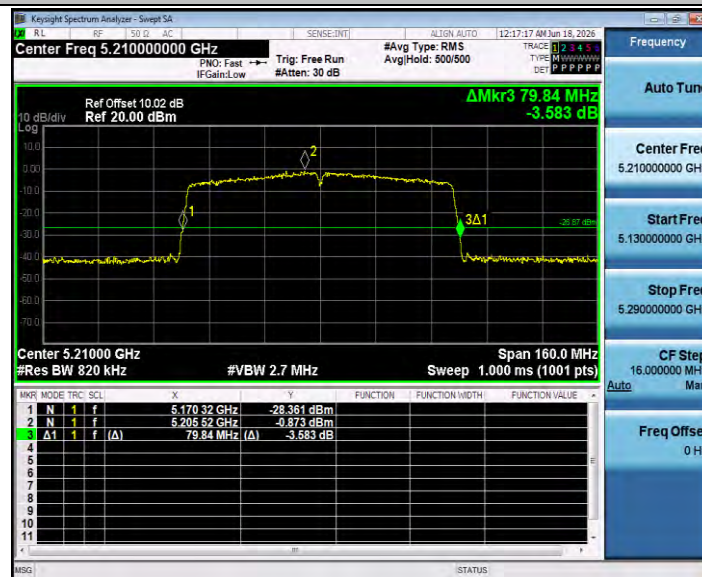
11AC20SISO_Ant3_5200







11AC80SISO_Ant3_5210



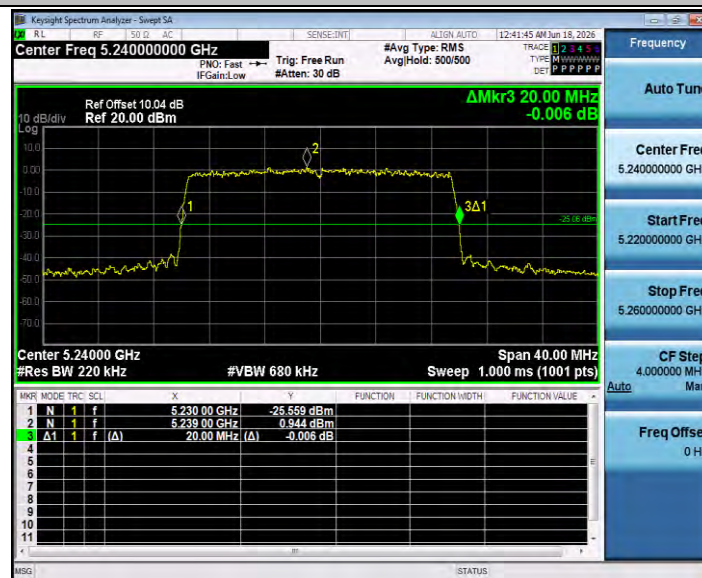
11AX20SISO_Ant3_5180



11AX20SISO_Ant3_5200



11AX20SISO_Ant3_5240



11AX40SISO_Ant3_5190



11AX40SISO_Ant3_5230



11AX80SISO_Ant3_5210

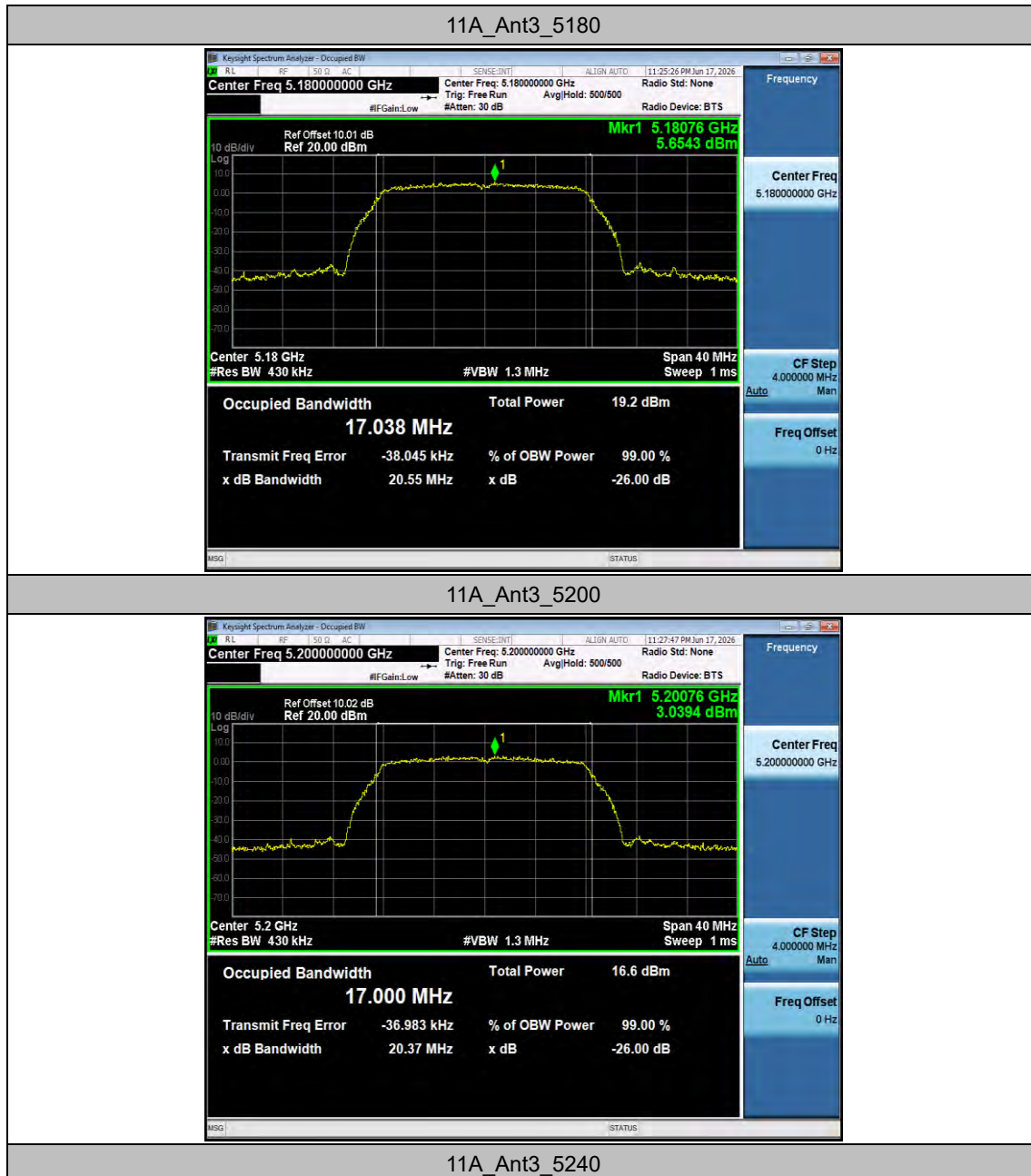


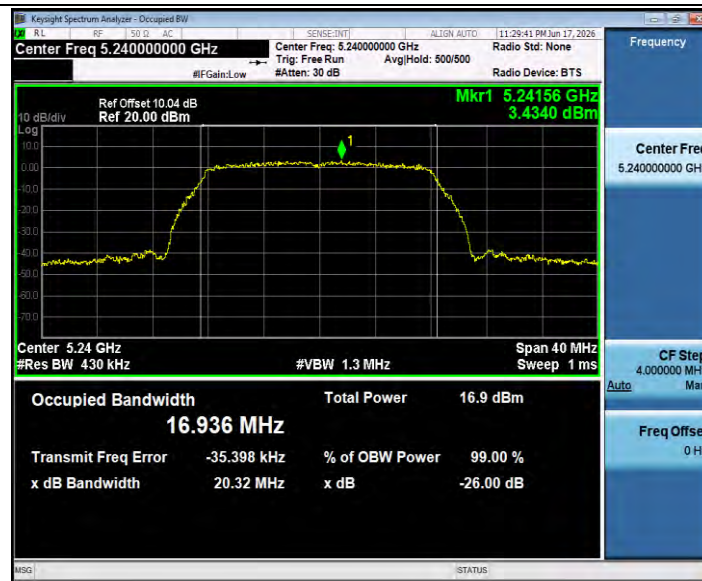
Appendix B.2: Occupied channel bandwidth

Test Result

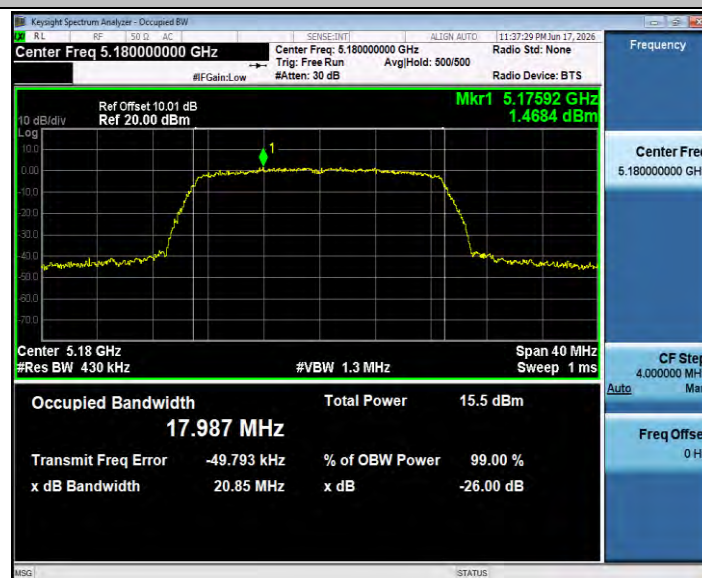
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant3	5180	17.038	5171.4430	5188.4810	---	---
		5200	17.000	5191.4630	5208.4630	---	---
		5240	16.936	5231.4966	5248.4326	---	---
11N20SISO	Ant3	5180	17.987	5170.9567	5188.9437	---	---
		5200	17.920	5191.0004	5208.9204	---	---
		5240	17.919	5231.0194	5248.9384	---	---
11N40SISO	Ant3	5190	36.062	5172.0082	5208.0702	---	---
		5230	36.094	5211.9079	5248.0019	---	---
11AC20SISO	Ant3	5180	18.005	5171.0083	5189.0133	---	---
		5200	17.938	5190.9794	5208.9174	---	---
		5240	17.889	5231.0433	5248.9323	---	---
11AC40SISO	Ant3	5190	36.051	5171.9682	5208.0192	---	---
		5230	36.019	5211.9523	5247.9713	---	---
11AC80SISO	Ant3	5210	75.059	5172.4853	5247.5443	---	---
11AX20SISO	Ant3	5180	19.292	5170.3526	5189.6446	---	---
		5200	19.293	5190.3536	5209.6466	---	---
		5240	18.896	5230.5149	5249.4109	---	---
11AX40SISO	Ant3	5190	37.488	5171.2621	5208.7501	---	---
		5230	37.542	5211.2027	5248.7447	---	---
11AX80SISO	Ant3	5210	76.565	5171.6820	5248.2470	---	---

Test Graphs

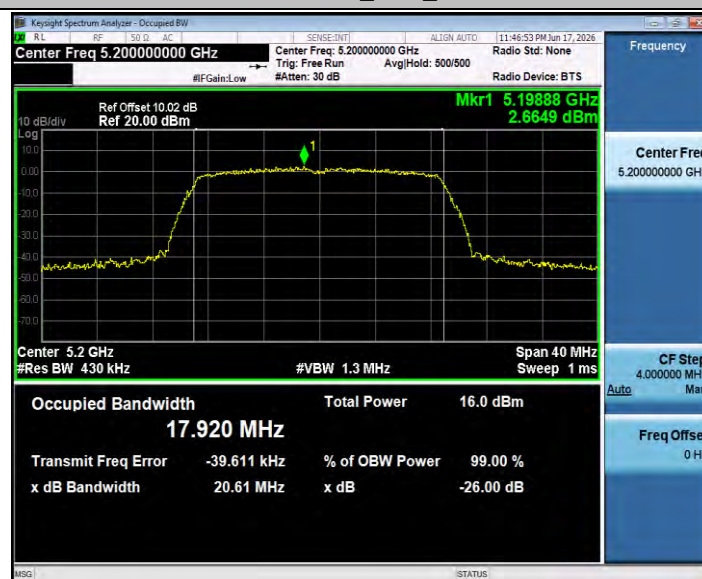




11N20SISO_Ant3_5180



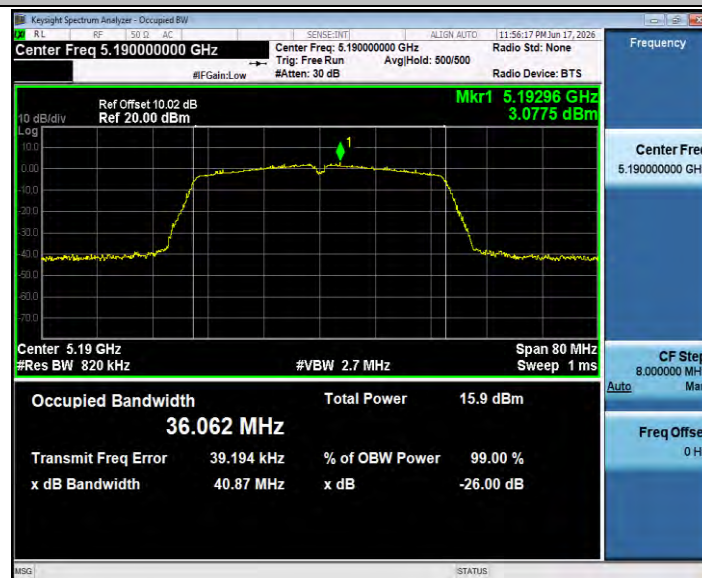
11N20SISO_Ant3_5200



11N20SISO_Ant3_5240



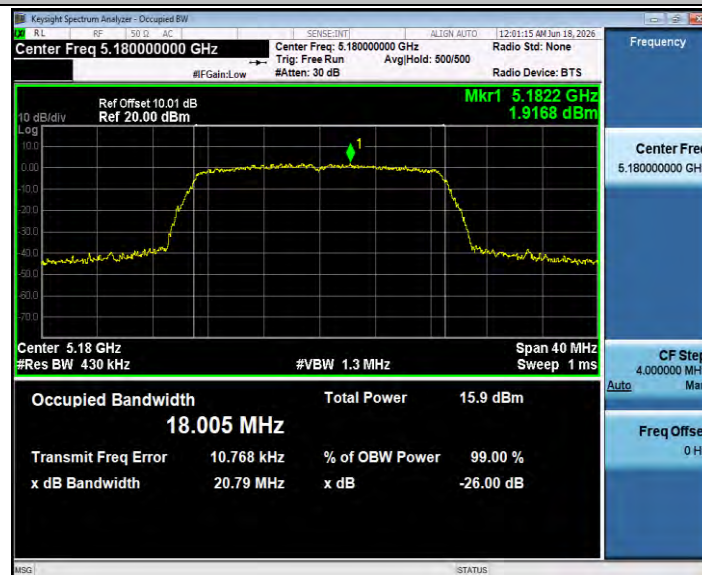
11N40SISO_Ant3_5190



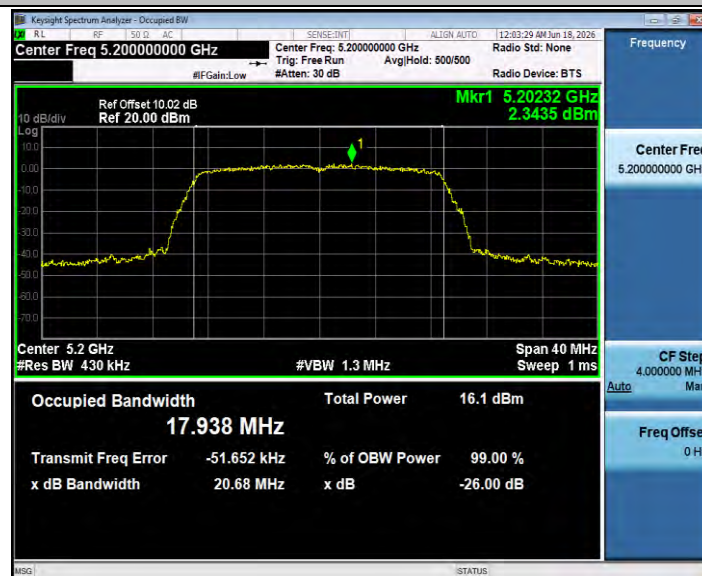
11N40SISO_Ant3_5230



11AC20SISO_Ant3_5180



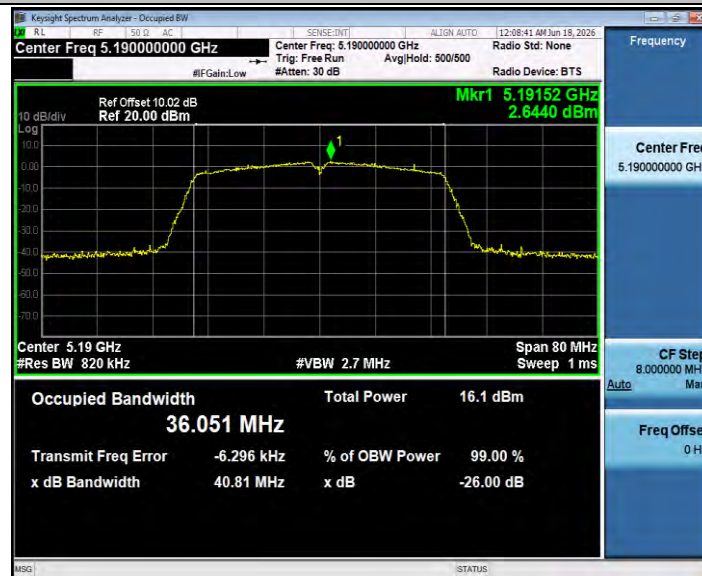
11AC20SISO_Ant3_5200



11AC20SISO_Ant3_5240



11AC40SISO_Ant3_5190



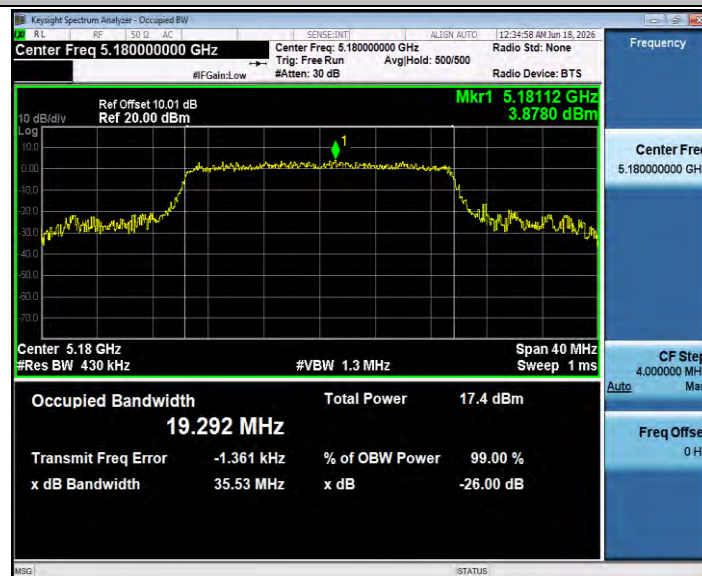
11AC40SISO_Ant3_5230



11AC80SISO_Ant3_5210



11AX20SISO_Ant3_5180



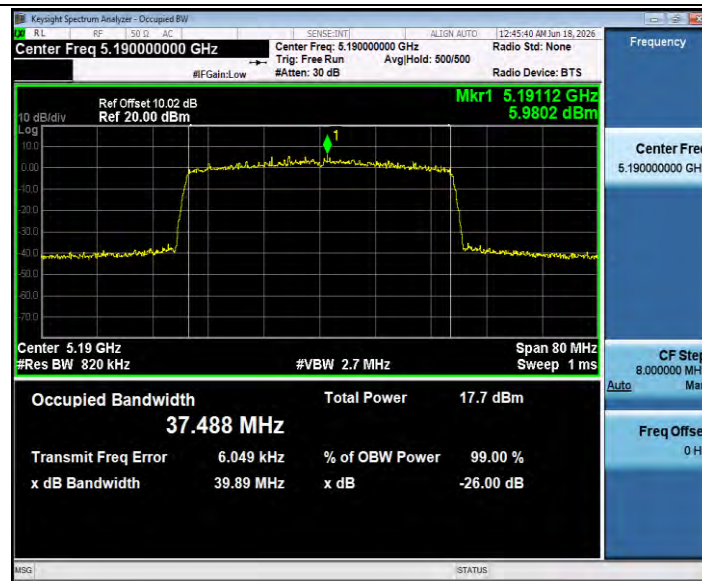
11AX20SISO_Ant3_5200



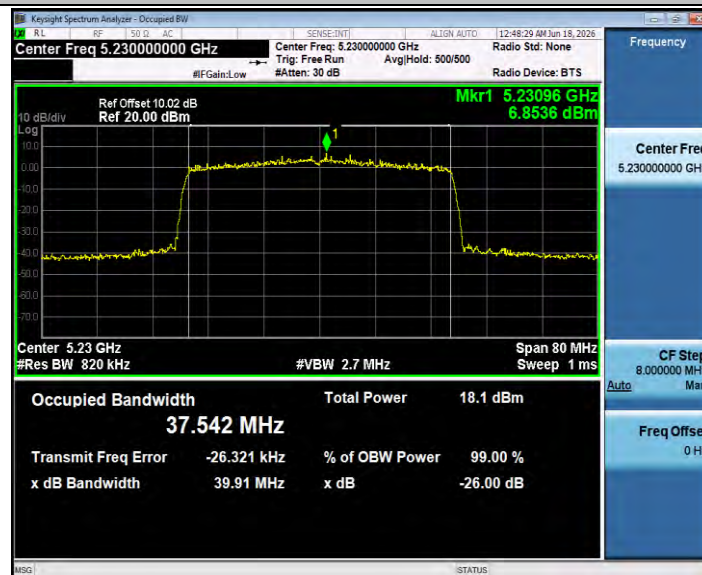
11AX20SISO_Ant3_5240



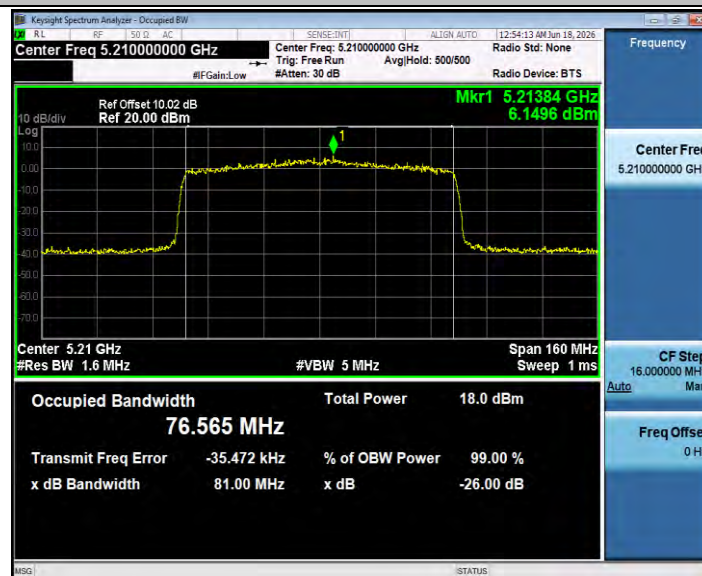
11AX40SISO_Ant3_5190



11AX40SISO_Ant3_5230



11AX80SISO_Ant3_5210

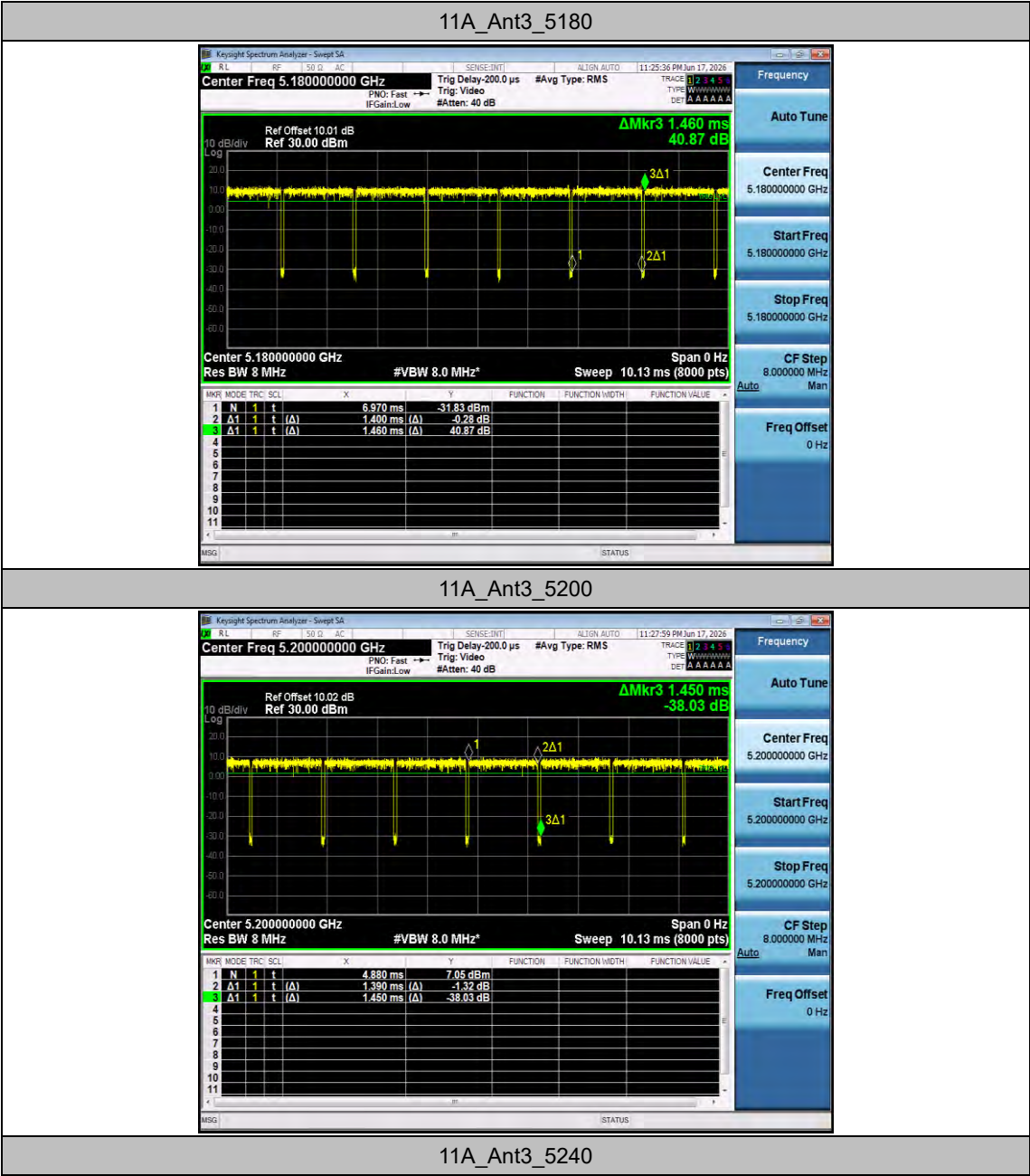


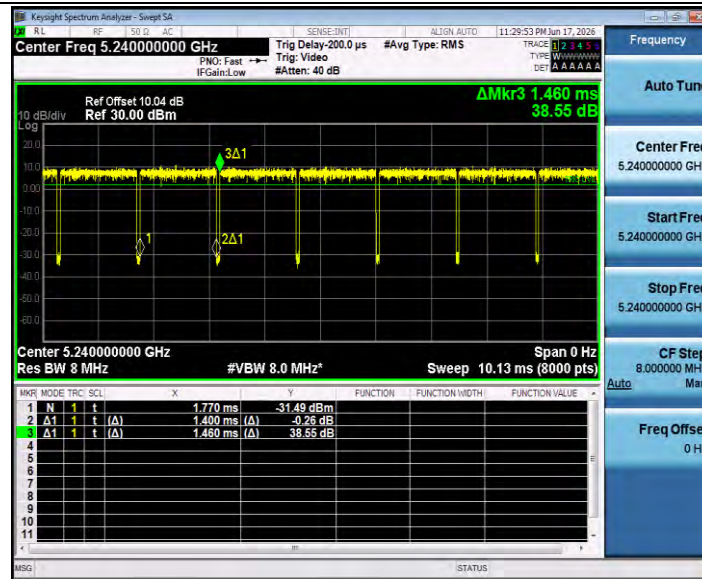
AppendixB.3: Duty Cycle

Test Result

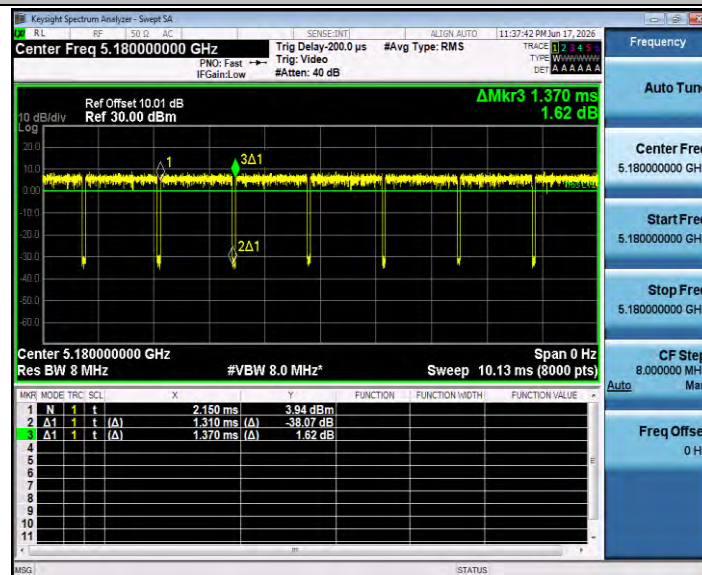
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant3	5180	1.40	1.46	95.89	0.18	0.71
		5200	1.39	1.45	95.86	0.18	0.72
		5240	1.40	1.46	95.89	0.18	0.71
11N20SISO	Ant3	5180	1.31	1.37	95.62	0.19	0.76
		5200	1.31	1.37	95.62	0.19	0.76
		5240	1.30	1.36	95.59	0.20	0.77
11N40SISO	Ant3	5190	0.65	0.71	91.55	0.38	1.54
		5230	0.64	0.70	91.43	0.39	1.56
11AC20SISO	Ant3	5180	0.68	0.74	91.89	0.37	1.47
		5200	0.69	0.75	92.00	0.36	1.45
		5240	0.68	0.74	91.89	0.37	1.47
11AC40SISO	Ant3	5190	0.35	0.41	85.37	0.69	2.86
		5230	0.35	0.41	85.37	0.69	2.86
11AC80SISO	Ant3	5210	0.19	0.72	26.39	5.79	5.26
11AX20SISO	Ant3	5180	0.54	0.60	90.00	0.46	1.85
		5200	0.54	0.60	90.00	0.46	1.85
		5240	0.43	0.49	87.76	0.57	2.33
11AX40SISO	Ant3	5190	0.30	0.36	83.33	0.79	3.33
		5230	0.30	0.35	85.71	0.67	3.33
11AX80SISO	Ant3	5210	0.17	0.56	30.36	5.18	5.88

Test Graphs

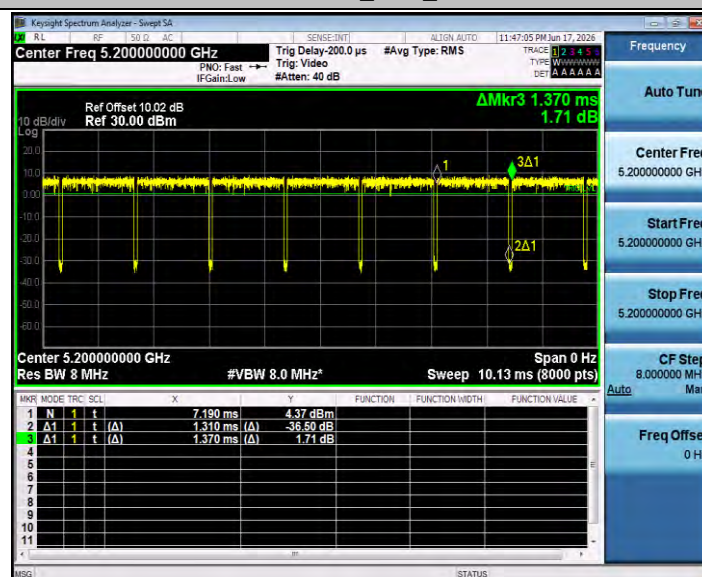




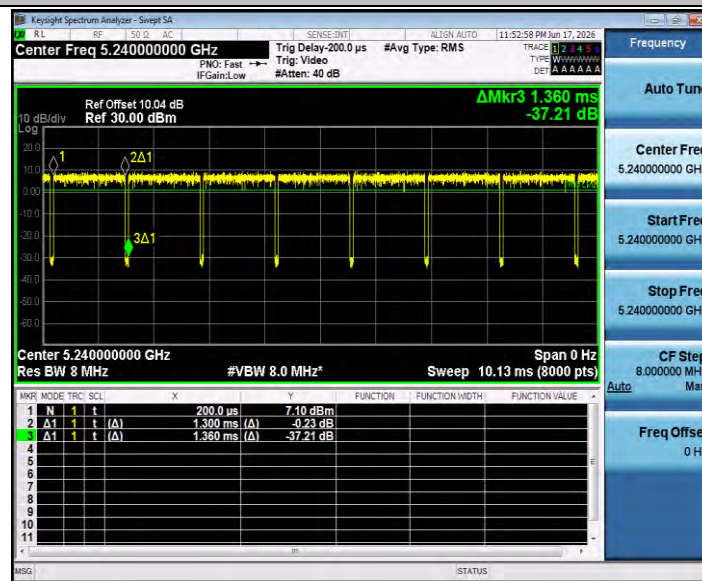
11N20SISO_Ant3_5180



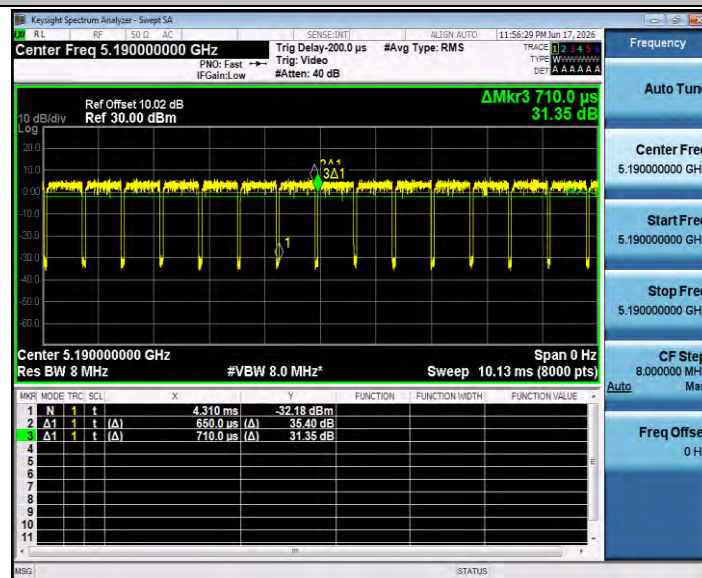
11N20SISO_Ant3_5200



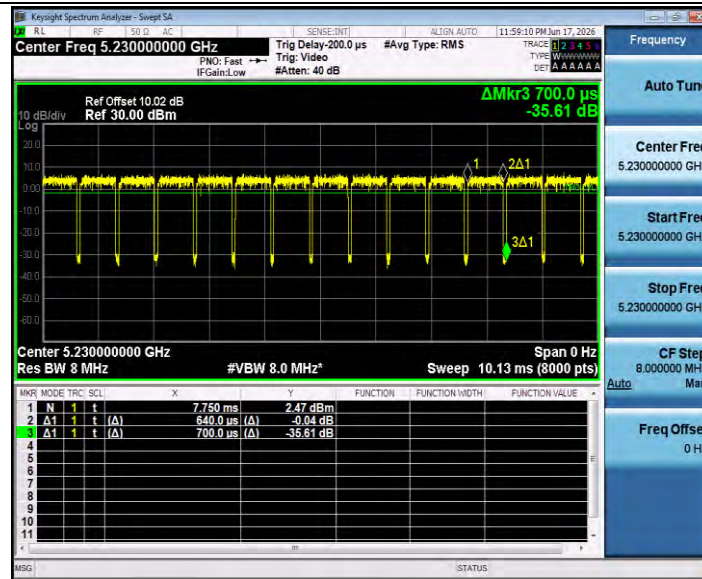
11N20SISO_Ant3_5240



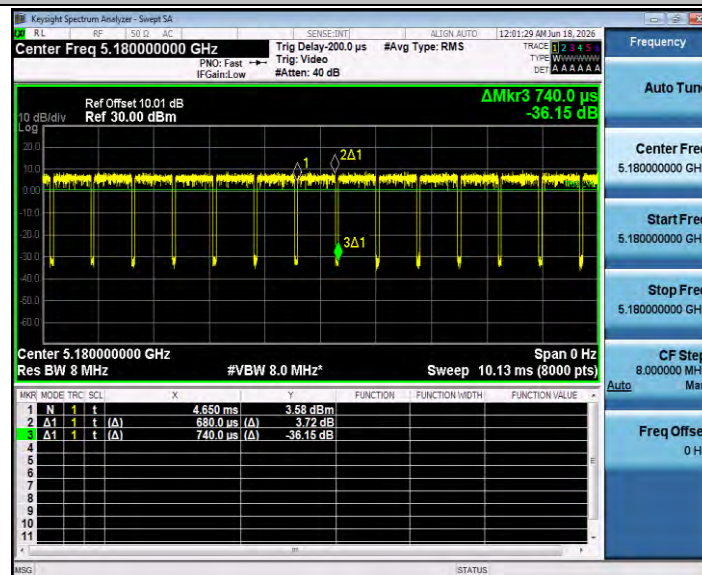
11N40SISO_Ant3_5190



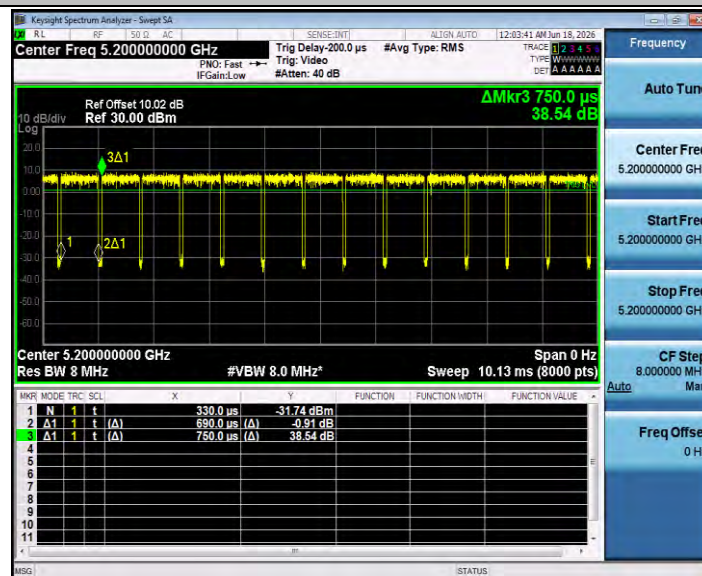
11N40SISO_Ant3_5230



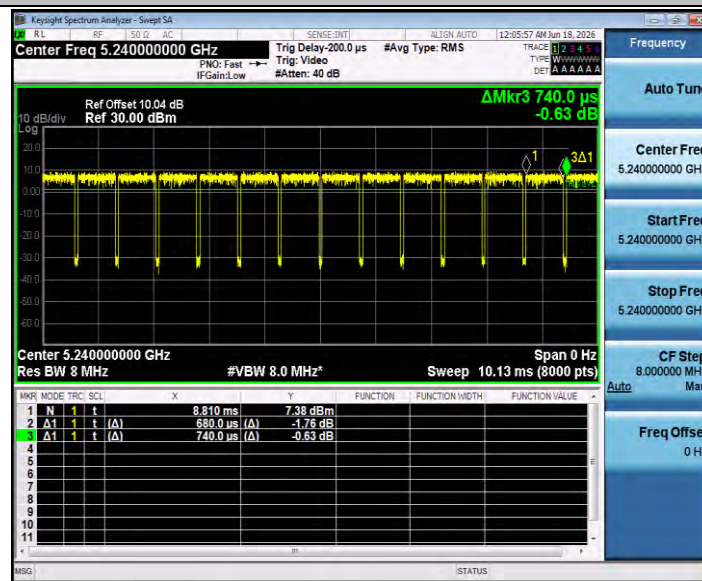
11AC20SISO_Ant3_5180



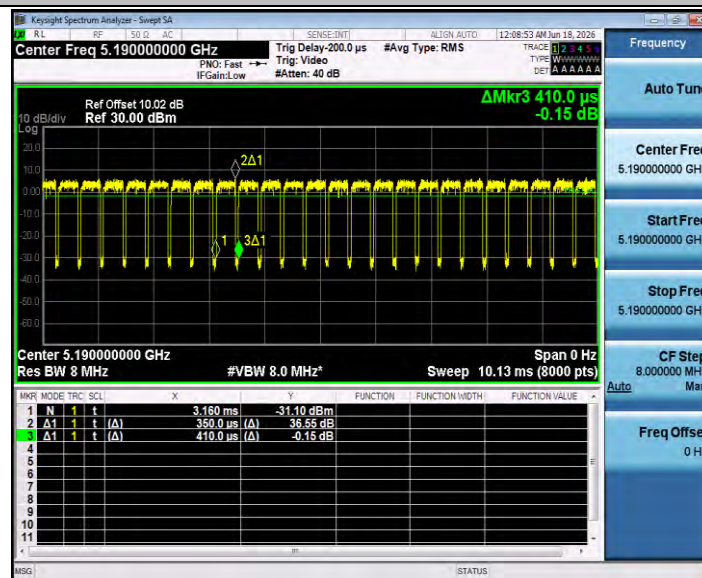
11AC20SISO_Ant3_5200



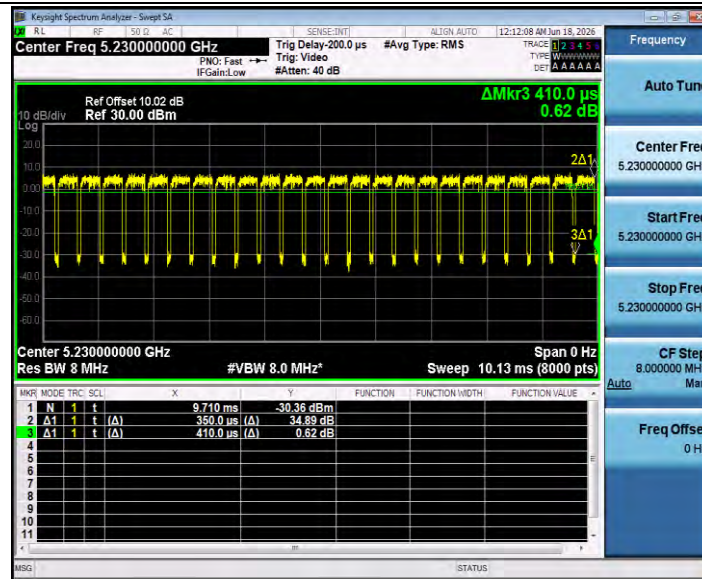
11AC20SISO_Ant3_5240



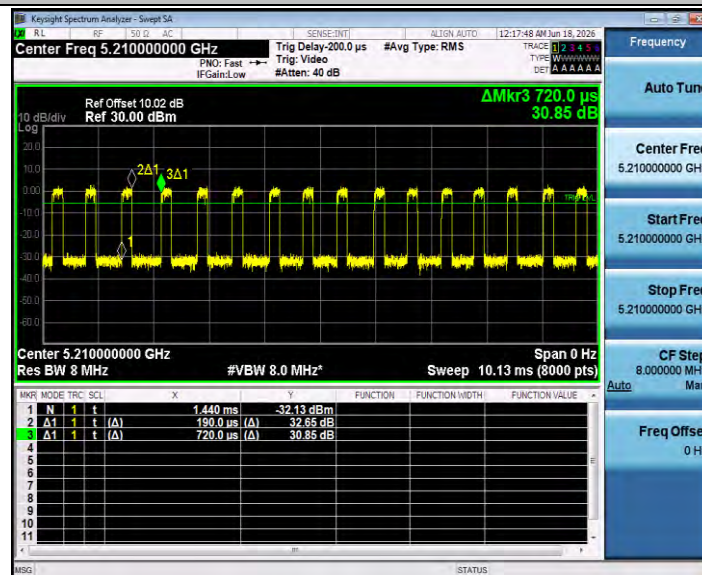
11AC40SISO_Ant3_5190



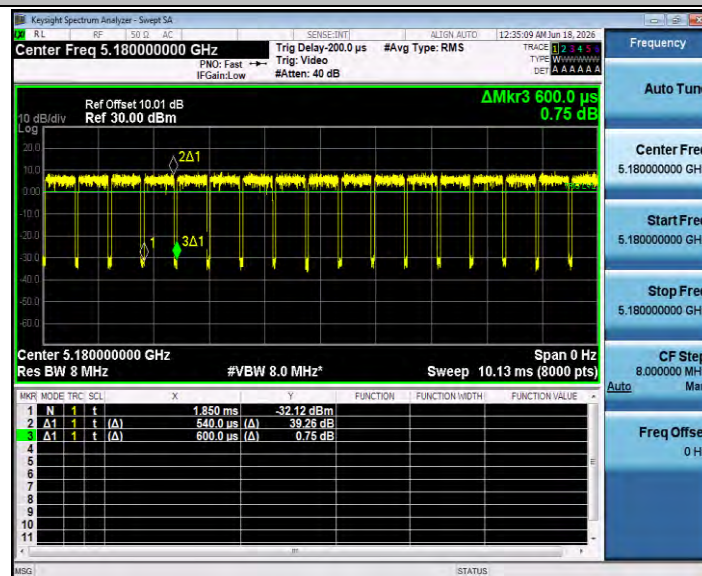
11AC40SISO_Ant3_5230



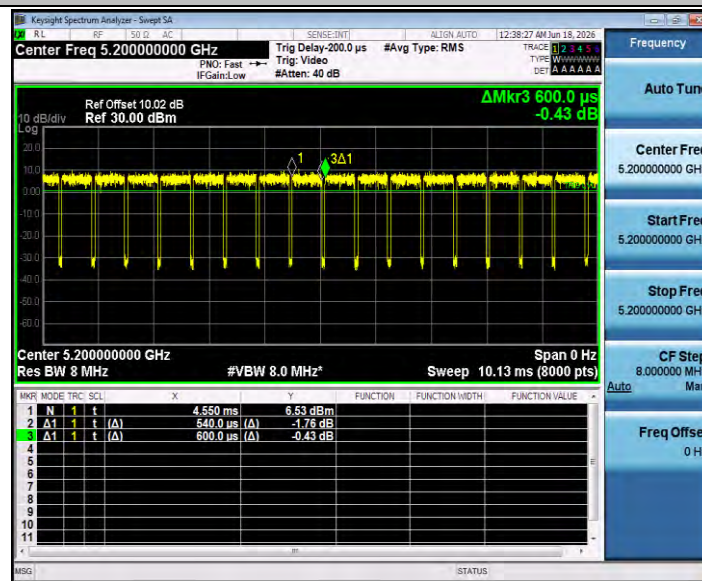
11AC80SISO_Ant3_5210



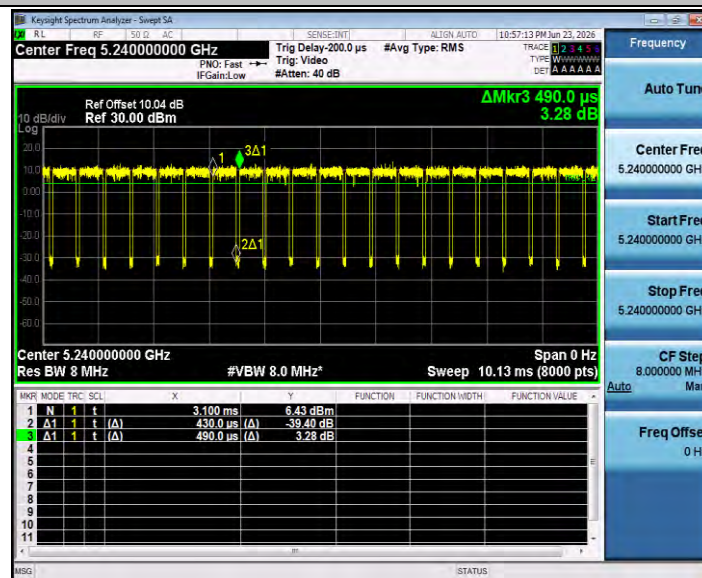
11AX20SISO_Ant3_5180



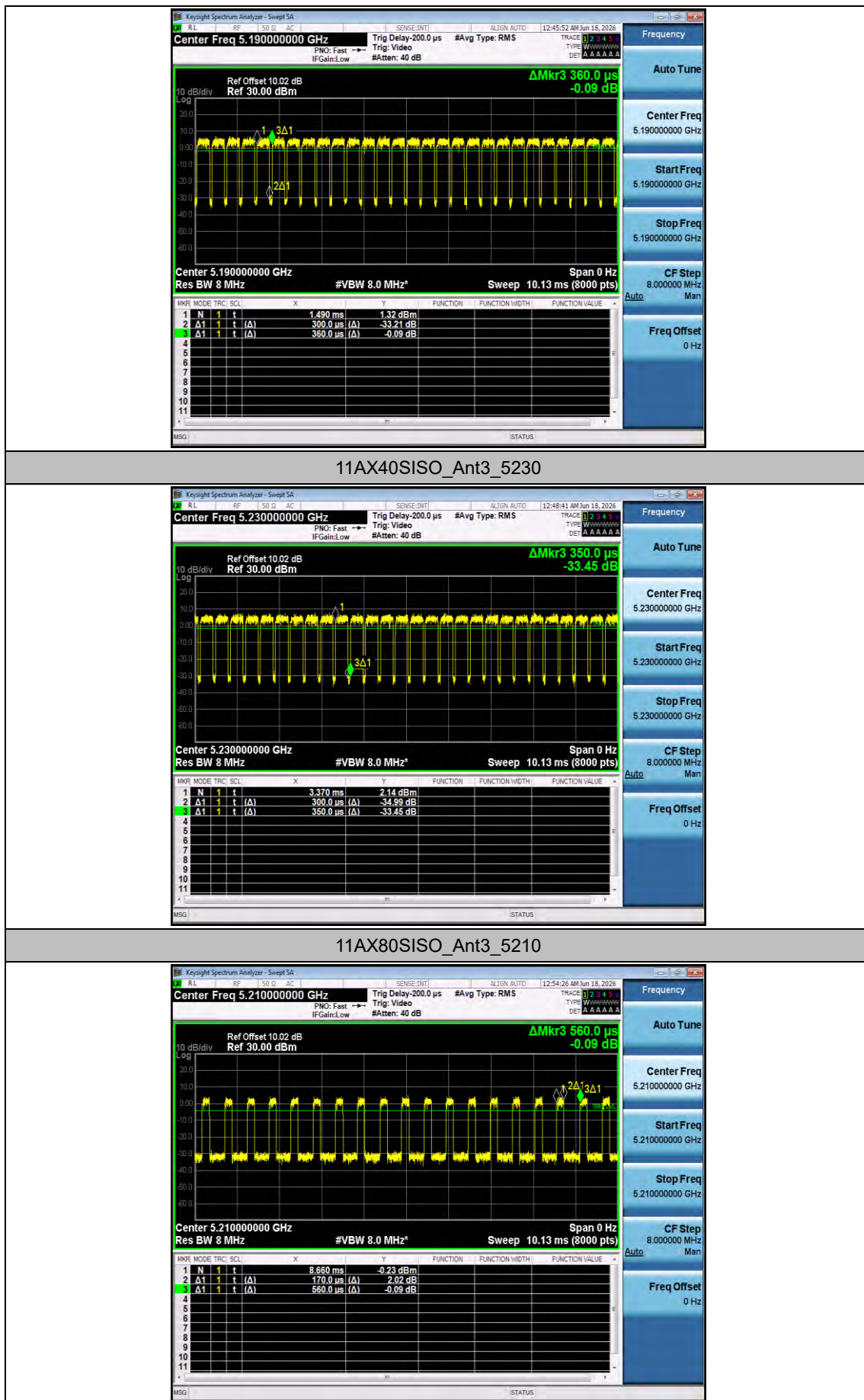
11AX20SISO_Ant3_5200



11AX20SISO_Ant3_5240



11AX40SISO_Ant3_5190



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	12.21	95.89	0.18	12.39	≤23.98	PASS
		5200	9.67	95.86	0.18	9.85	≤23.98	PASS
		5240	9.96	95.89	0.18	10.14	≤23.98	PASS
11N20SISO	Ant3	5180	8.60	95.62	0.19	8.79	≤23.98	PASS
		5200	9.04	95.62	0.19	9.23	≤23.98	PASS
		5240	9.35	95.59	0.20	9.55	≤23.98	PASS
11N40SISO	Ant3	5190	8.24	91.55	0.38	8.62	≤23.98	PASS
		5230	8.86	91.43	0.39	9.25	≤23.98	PASS
11AC20SISO	Ant3	5180	8.68	91.89	0.37	9.05	≤23.98	PASS
		5200	9.02	92.00	0.36	9.38	≤23.98	PASS
		5240	9.38	91.89	0.37	9.75	≤23.98	PASS
11AC40SISO	Ant3	5190	8.04	85.37	0.69	8.73	≤23.98	PASS
		5230	8.81	85.37	0.69	9.50	≤23.98	PASS
11AC80SISO	Ant3	5210	3.38	26.39	5.79	9.17	≤23.98	PASS
11AX20SISO	Ant3	5180	8.92	90.00	0.46	9.38	≤23.98	PASS
		5200	9.24	90.00	0.46	9.70	≤23.98	PASS
		5240	9.78	90.00	0.46	10.24	≤23.98	PASS
11AX40SISO	Ant3	5190	8.33	83.33	0.79	9.12	≤23.98	PASS
		5230	8.78	85.71	0.67	9.45	≤23.98	PASS
11AX80SISO	Ant3	5210	4.68	30.36	5.18	9.86	≤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	1.49	≤11.00	PASS
		5200	-1.02	≤11.00	PASS
		5240	-0.61	≤11.00	PASS
11N20SISO	Ant3	5180	-2.31	≤11.00	PASS
		5200	-1.85	≤11.00	PASS
		5240	-1.42	≤11.00	PASS
11N40SISO	Ant3	5190	-4.50	≤11.00	PASS
		5230	-3.85	≤11.00	PASS
11AC20SISO	Ant3	5180	-2.05	≤11.00	PASS
		5200	-1.79	≤11.00	PASS
		5240	-1.36	≤11.00	PASS
11AC40SISO	Ant3	5190	-4.30	≤11.00	PASS
		5230	-3.53	≤11.00	PASS
11AC80SISO	Ant3	5210	-6.46	≤11.00	PASS
11AX20SISO	Ant3	5180	-2.28	≤11.00	PASS
		5200	-1.84	≤11.00	PASS
		5240	-1.30	≤11.00	PASS
11AX40SISO	Ant3	5190	-4.31	≤11.00	PASS
		5230	-4.10	≤11.00	PASS
11AX80SISO	Ant3	5210	-6.13	≤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 Factor and RBW Factor is compensated in the graph.

Test Graphs

11A_Ant3_5180



11A_Ant3_5200



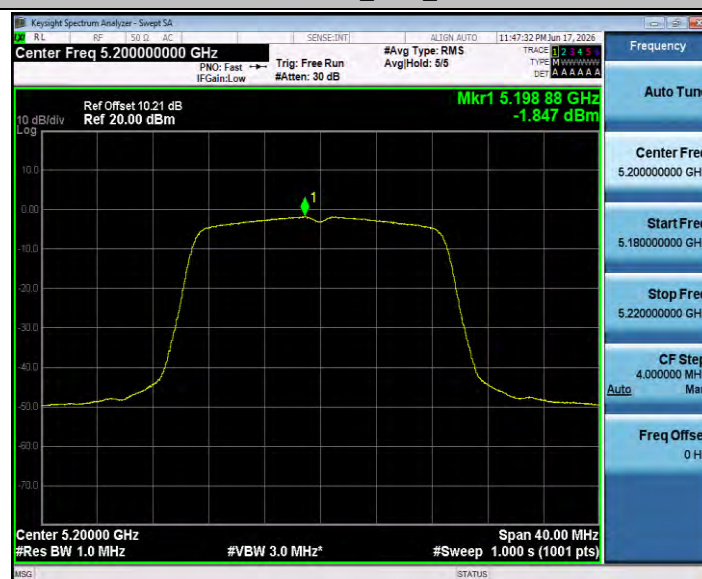
11A_Ant3_5240



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

