

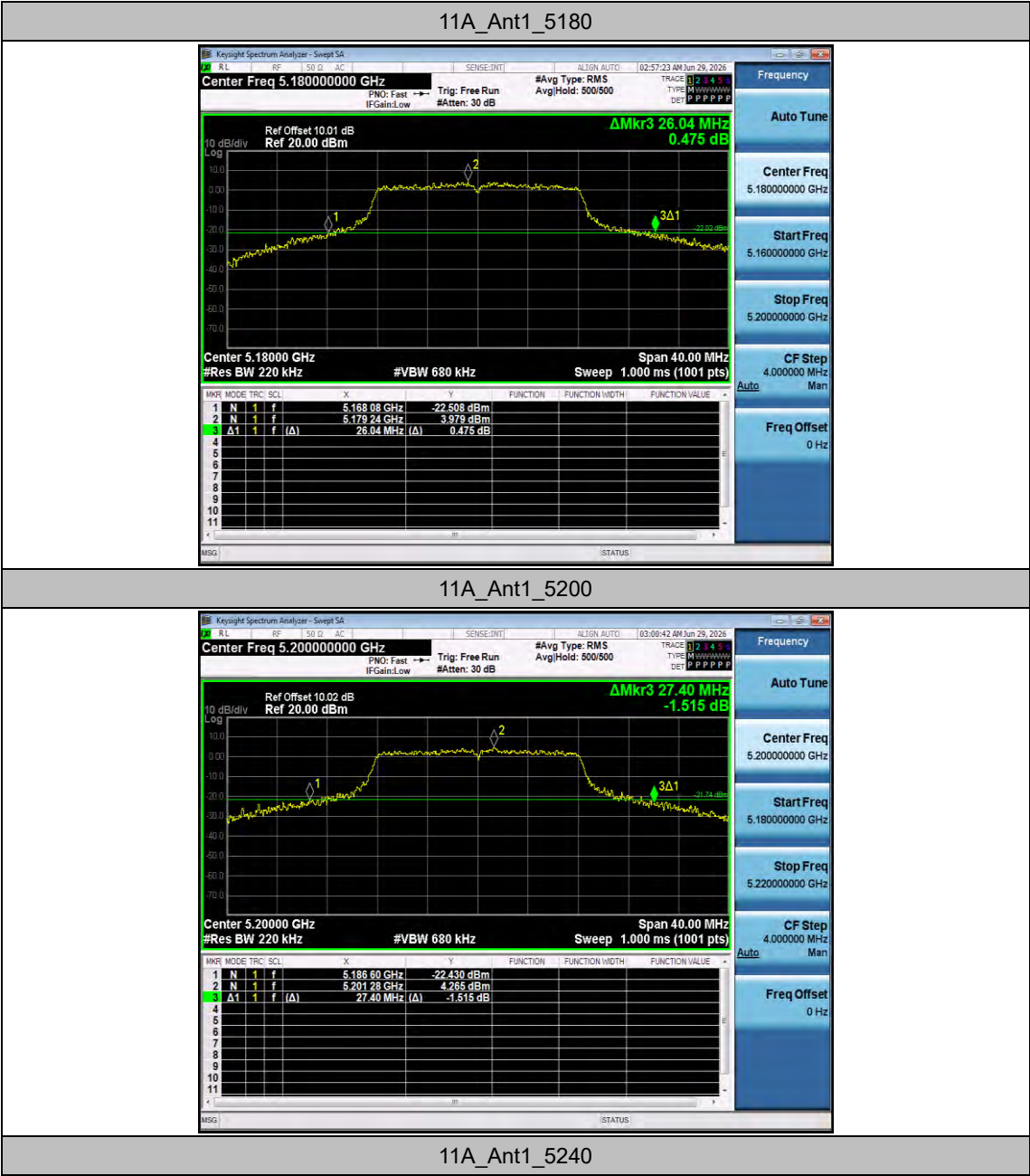
Case No. : <u>GTS20260604026-1-04</u>
Ambient Condition: <u>24</u> °C, <u>56</u> %RH
According Standard: ■Part15E
Test Date: <u>2026.6.25-2026.7.22</u> Test Engineer: <u>Evan ouyang</u>

AppendixD.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	26.040	5168.080	5194.120	---	---
		5200	27.400	5186.600	5214.000	---	---
		5240	20.160	5229.920	5250.080	---	---
11N20SISO	Ant1	5180	28.400	5166.680	5195.080	---	---
		5200	27.400	5186.800	5214.200	---	---
		5240	20.400	5229.840	5250.240	---	---
11N40SISO	Ant1	5190	47.360	5166.640	5214.000	---	---
		5230	40.560	5209.840	5250.400	---	---
11AC20SISO	Ant1	5180	26.800	5167.600	5194.400	---	---
		5200	26.480	5187.280	5213.760	---	---
		5240	20.520	5229.800	5250.320	---	---
11AC40SISO	Ant1	5190	53.920	5165.440	5219.360	---	---
		5230	40.720	5209.920	5250.640	---	---
11AX20SISO	Ant1	5180	24.840	5168.440	5193.280	---	---
		5200	28.640	5186.360	5215.000	---	---
		5240	19.960	5230.040	5250.000	---	---
11AX40SISO	Ant1	5190	46.720	5170.000	5216.720	---	---
		5230	39.600	5210.240	5249.840	---	---

Test Graphs



11A_Ant1_5200

Frequency

Auto Tune

Center Freq
5.20000000 GHzStart Freq
5.180000000 GHzStop Freq
5.220000000 GHzCF Step
4.000000 MHz
Auto ManFreq Offset
0 Hz

11A_Ant1_5240



11N20SISO_Ant1_5180



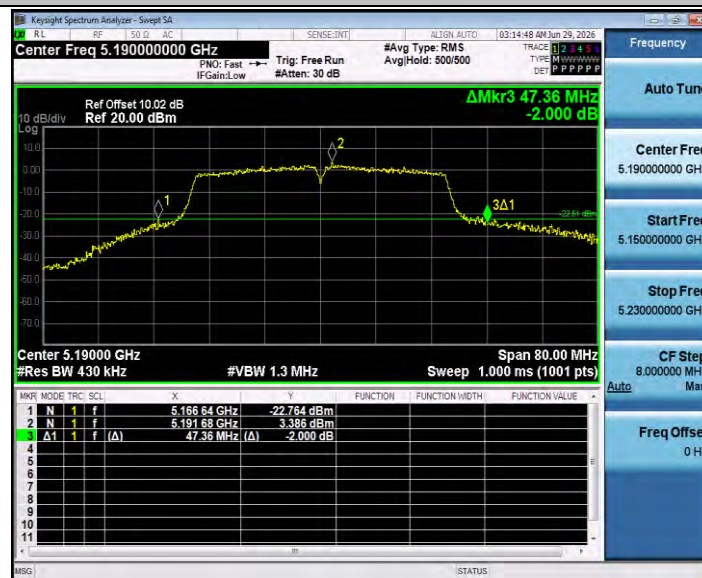
11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



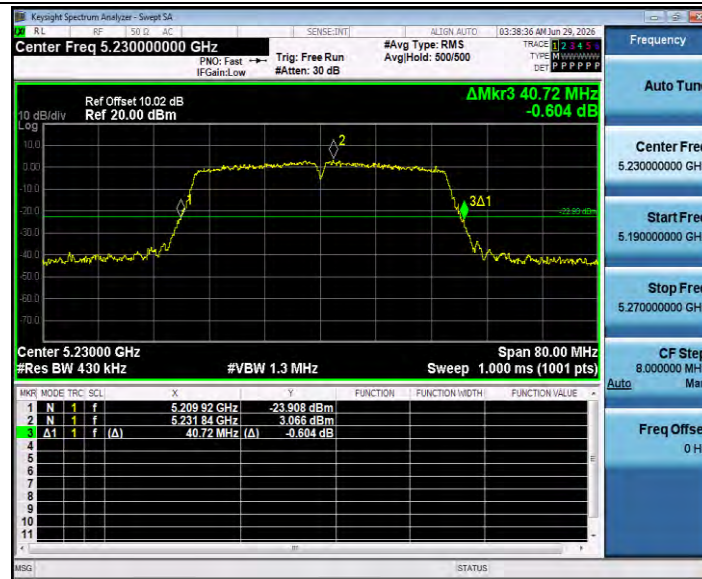
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



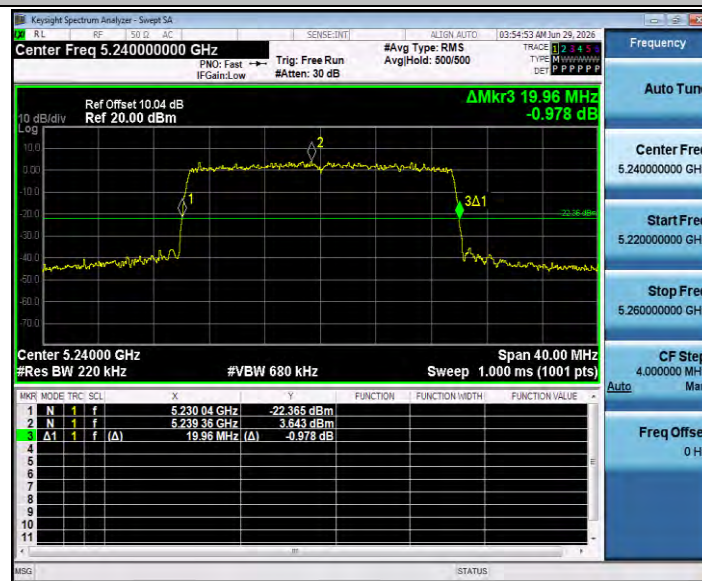
11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230

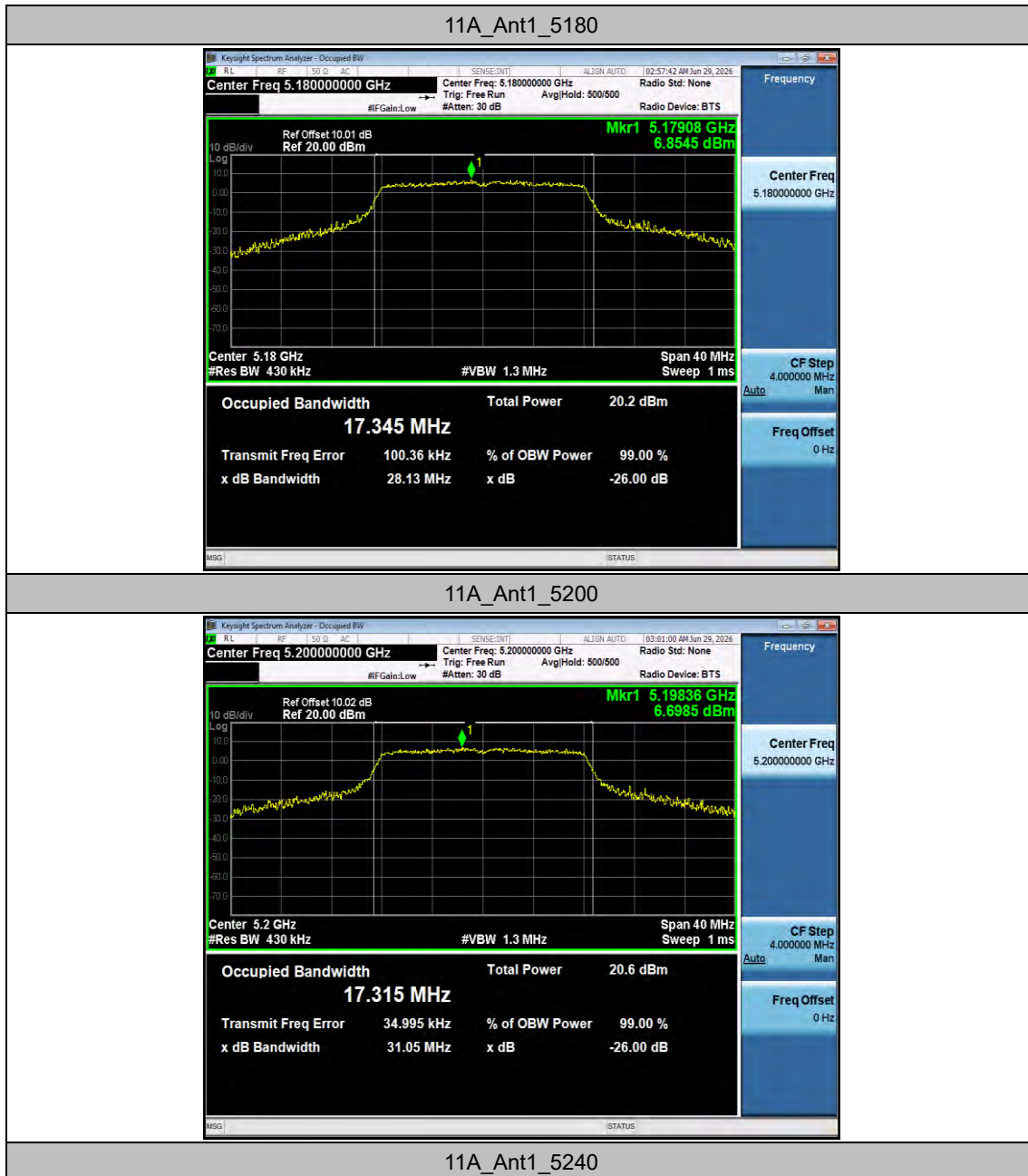


AppendixD.2: Occupied channel bandwidth

Test Result

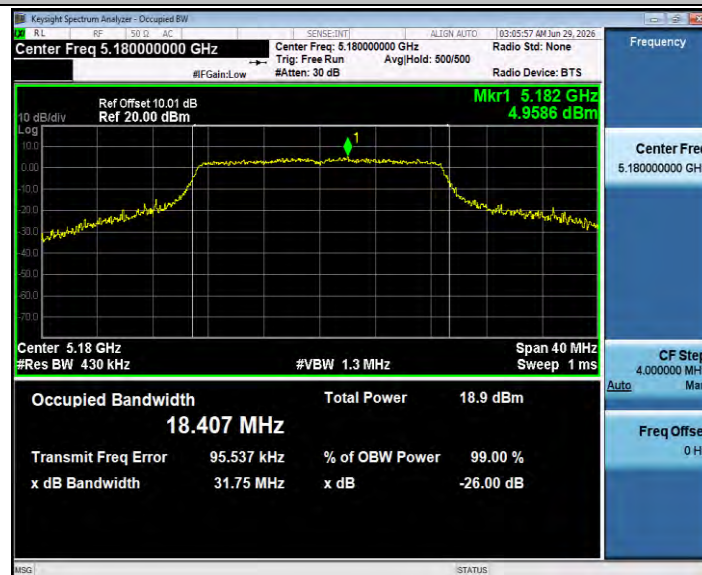
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.345	5171.4279	5188.7729	---	---
		5200	17.315	5191.3775	5208.6925	---	---
		5240	17.075	5231.4842	5248.5592	---	---
11N20SISO	Ant1	5180	18.407	5170.8920	5189.2990	---	---
		5200	18.437	5190.8219	5209.2589	---	---
		5240	18.049	5230.9956	5249.0446	---	---
11N40SISO	Ant1	5190	36.701	5171.7932	5208.4942	---	---
		5230	36.325	5211.8934	5248.2184	---	---
11AC20SISO	Ant1	5180	18.402	5170.9062	5189.3082	---	---
		5200	18.452	5190.8153	5209.2673	---	---
		5240	18.034	5230.9964	5249.0304	---	---
11AC40SISO	Ant1	5190	36.810	5171.7998	5208.6098	---	---
		5230	36.340	5211.8490	5248.1890	---	---
11AX20SISO	Ant1	5180	19.247	5170.4375	5189.6845	---	---
		5200	19.267	5190.3844	5209.6514	---	---
		5240	18.900	5230.5650	5249.4650	---	---
11AX40SISO	Ant1	5190	37.772	5171.2398	5209.0118	---	---
		5230	37.738	5211.1610	5248.8990	---	---

Test Graphs

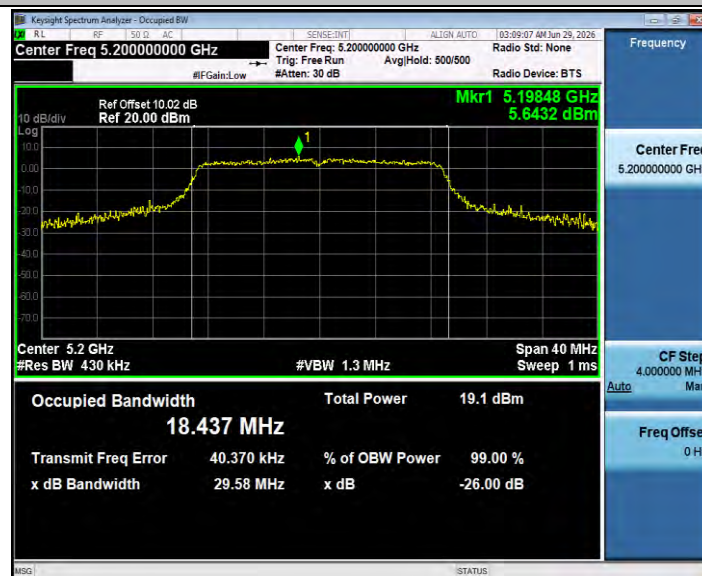




11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



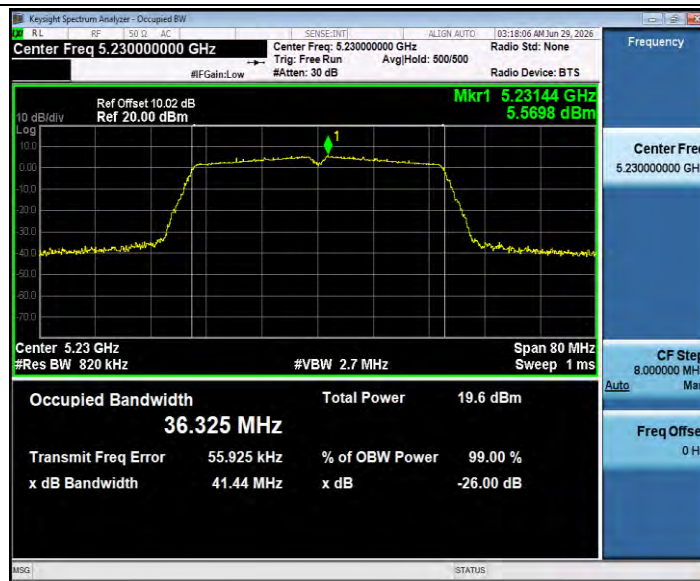
11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



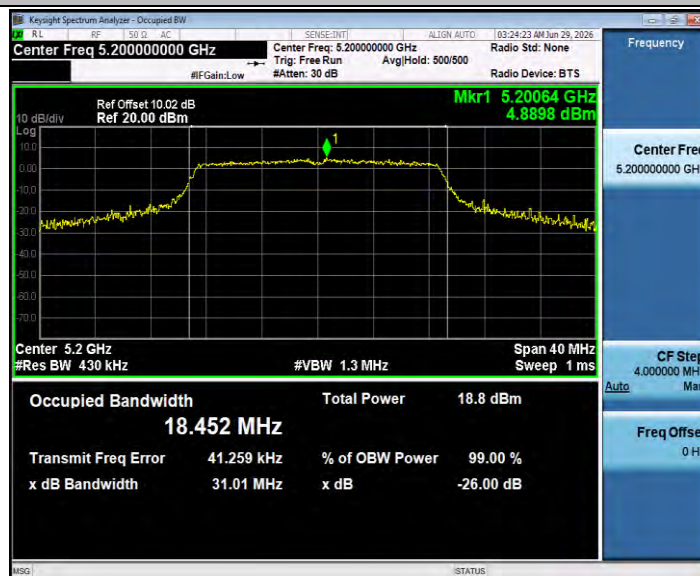
11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



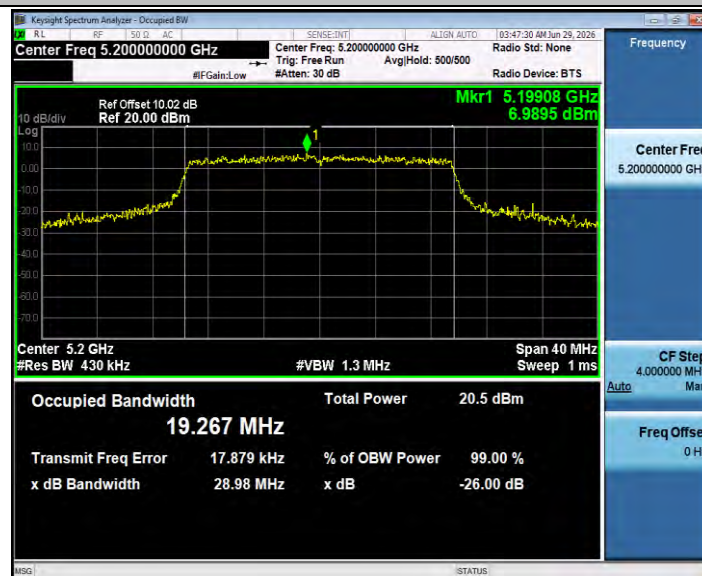
11AC40SISO_Ant1_5230



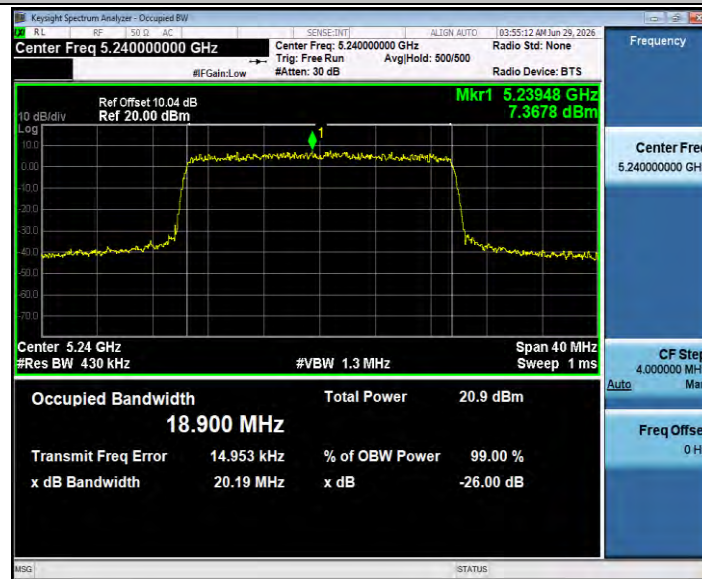
11AX20SISO_Ant1_5180



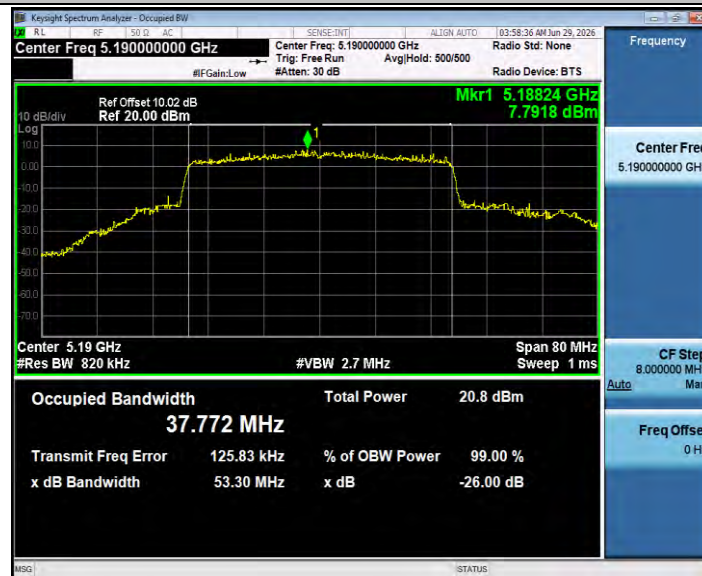
11AX20SISO_Ant1_5200



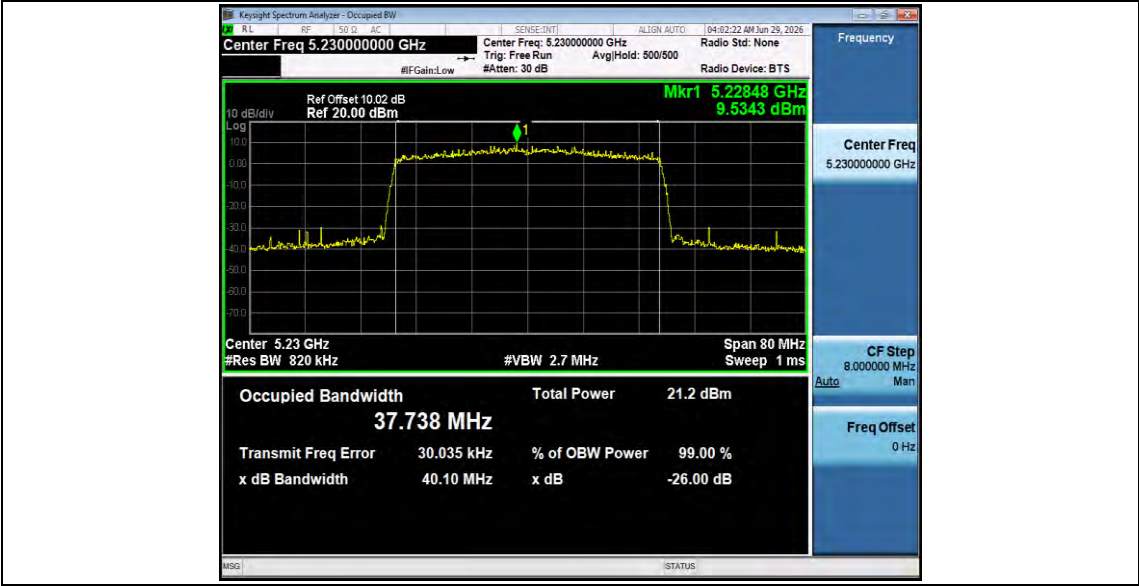
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230

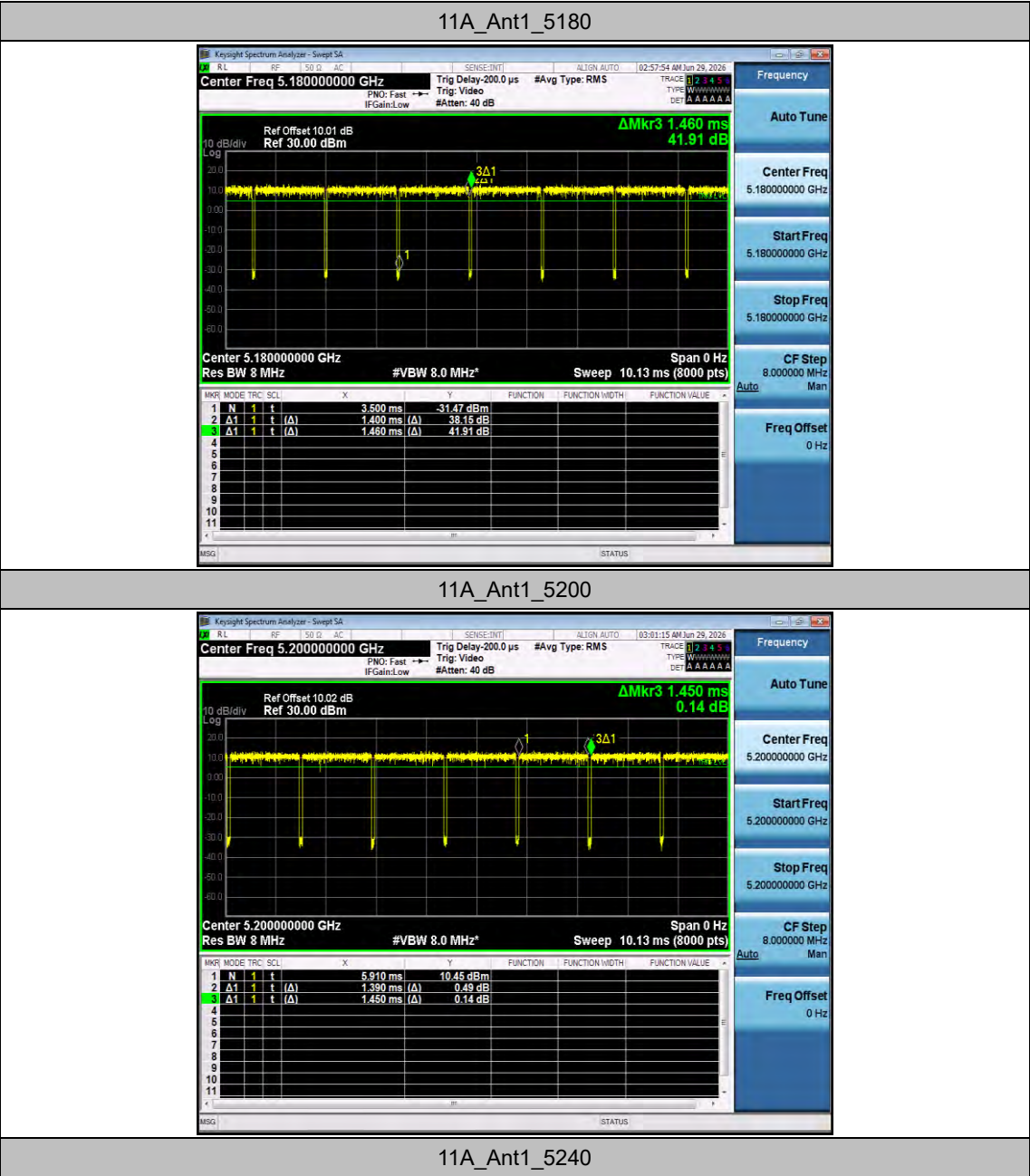


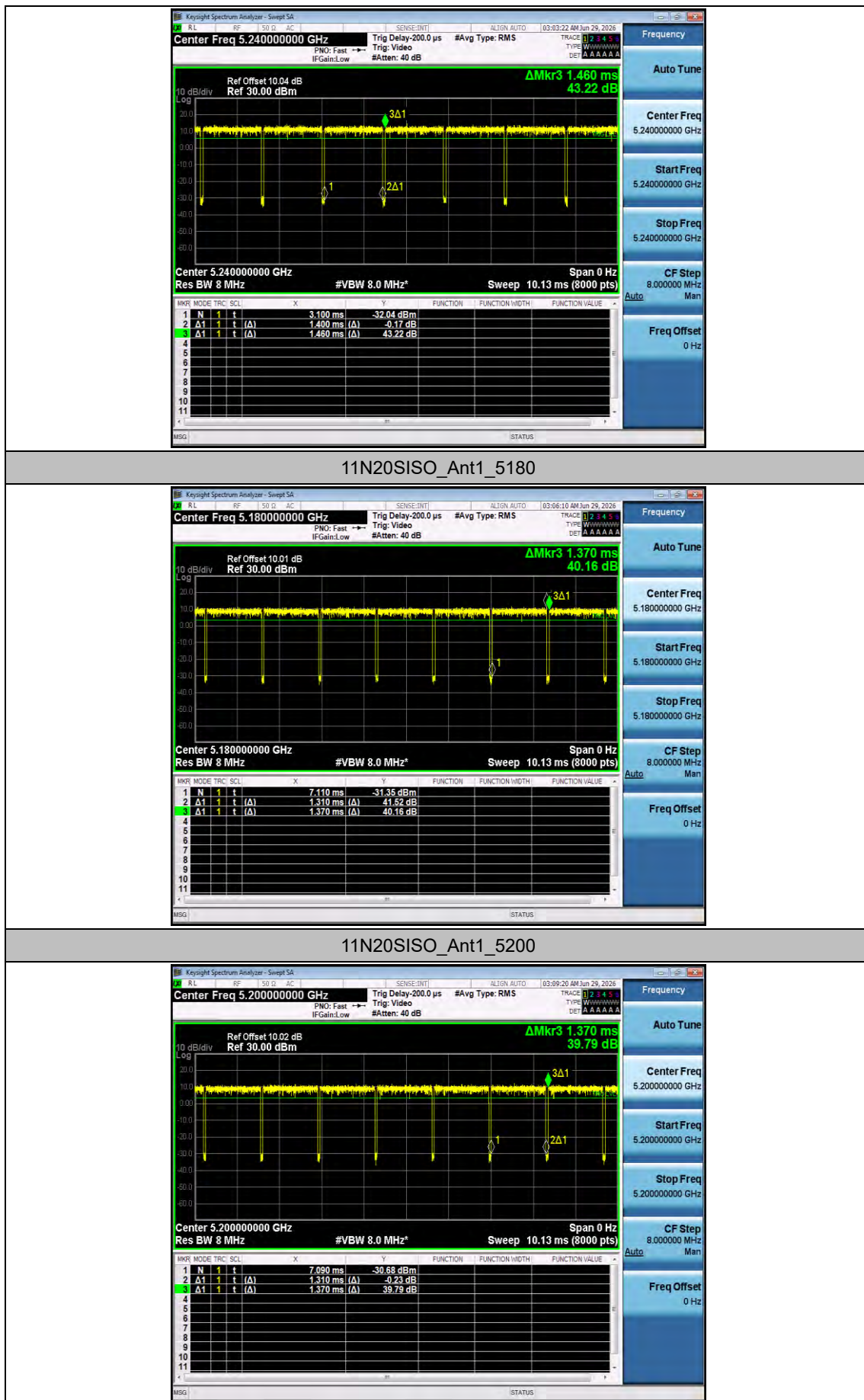
AppendixD.3: Duty Cycle

Test Result

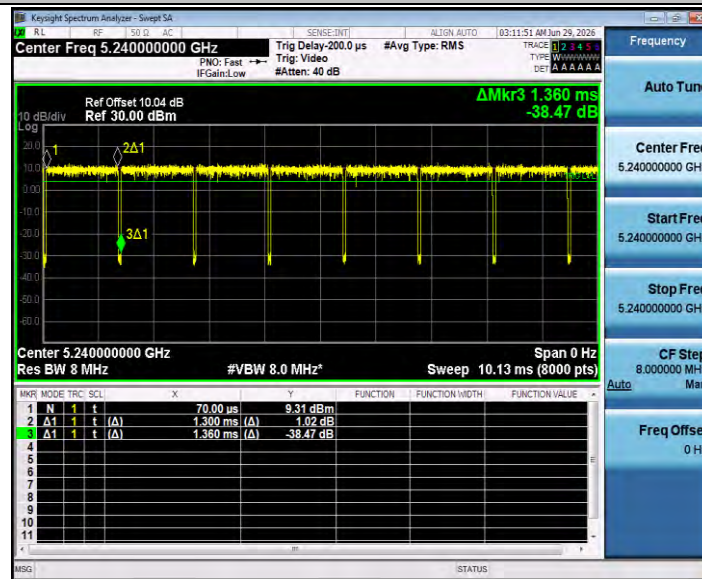
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	1.40	1.46	95.89	0.18	0.71
		5200	1.39	1.45	95.86	0.18	0.72
		5240	1.40	1.46	95.89	0.18	0.71
11N20SISO	Ant1	5180	1.31	1.37	95.62	0.19	0.76
		5200	1.31	1.37	95.62	0.19	0.76
		5240	1.30	1.36	95.59	0.20	0.77
11N40SISO	Ant1	5190	0.65	0.71	91.55	0.38	1.54
		5230	0.65	0.71	91.55	0.38	1.54
11AC20SISO	Ant1	5180	0.47	0.53	88.68	0.52	2.13
		5200	0.48	0.53	90.57	0.43	2.08
		5240	0.48	0.54	88.89	0.51	2.08
11AC40SISO	Ant1	5190	0.26	0.31	83.87	0.76	3.85
		5230	0.26	0.32	81.25	0.90	3.85
11AX20SISO	Ant1	5180	0.43	0.48	89.58	0.48	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	Ant1	5190	0.43	0.49	87.76	0.57	2.33
		5230	0.43	0.48	89.58	0.48	2.33

Test Graphs

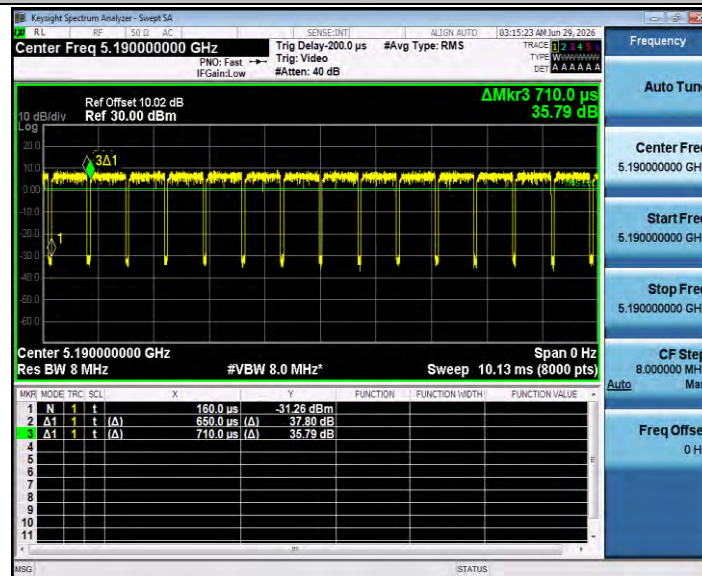




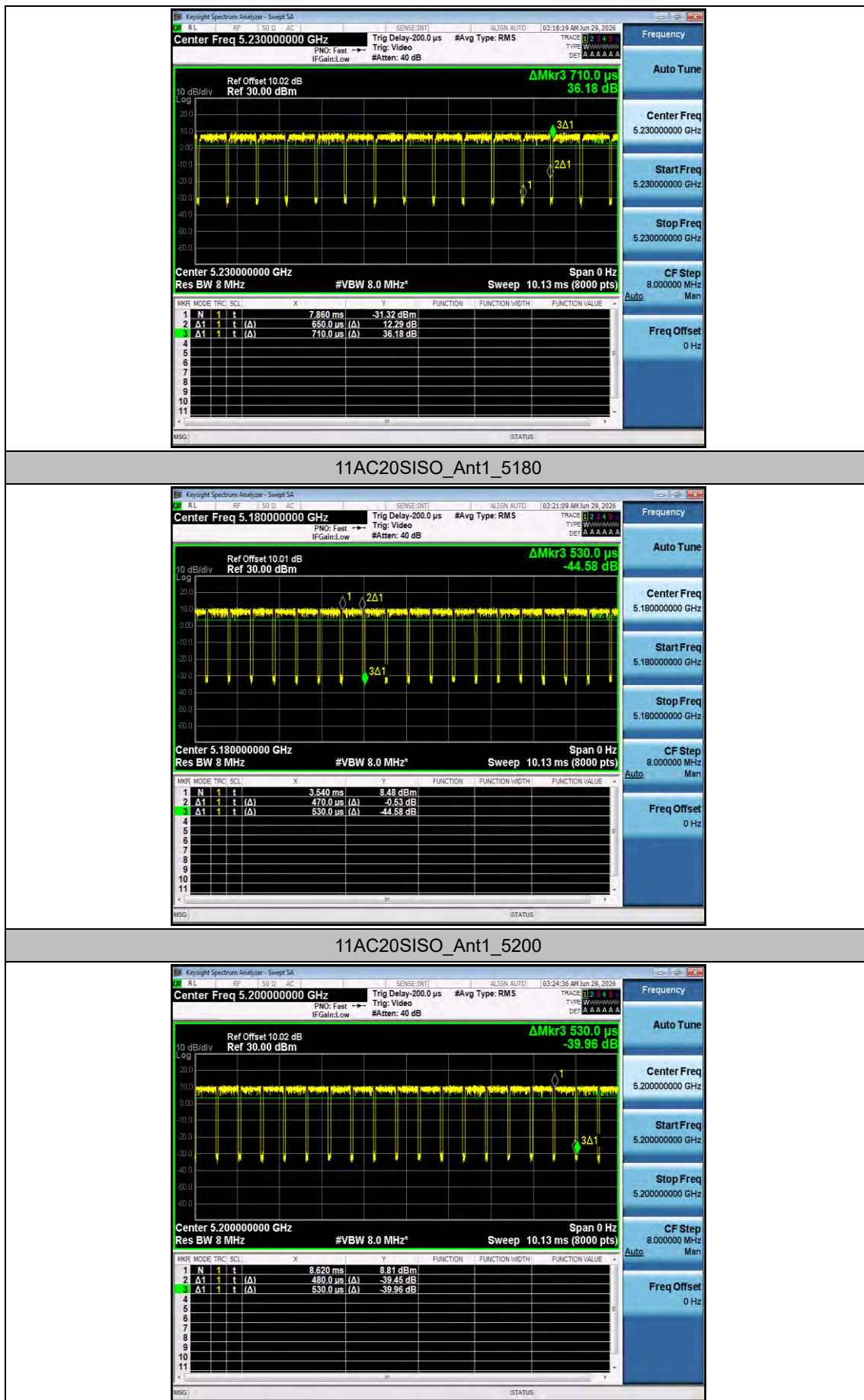
11N20SISO_Ant1_5240



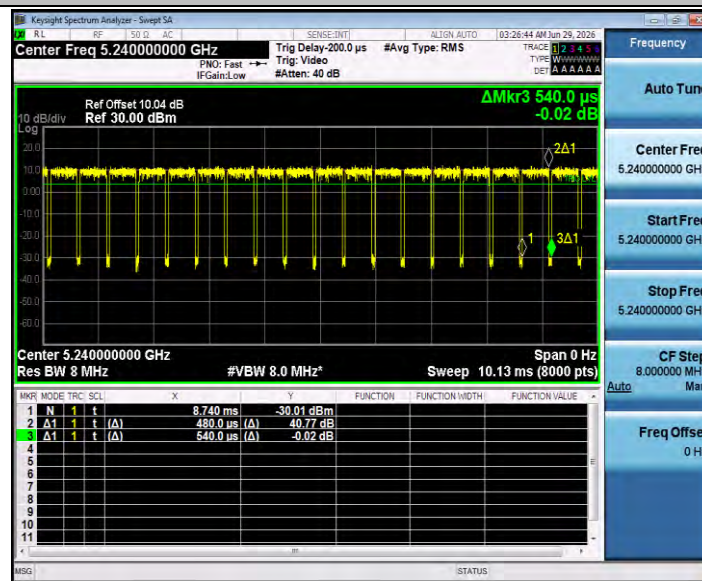
11N40SISO_Ant1_5190



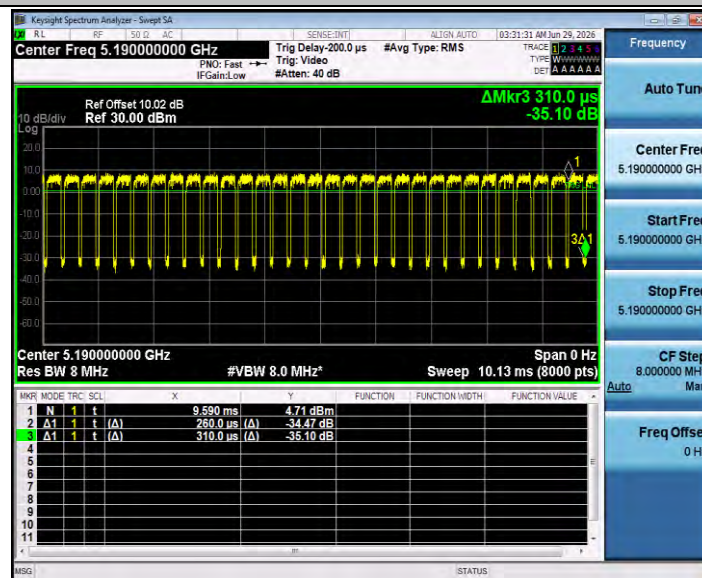
11N40SISO_Ant1_5230



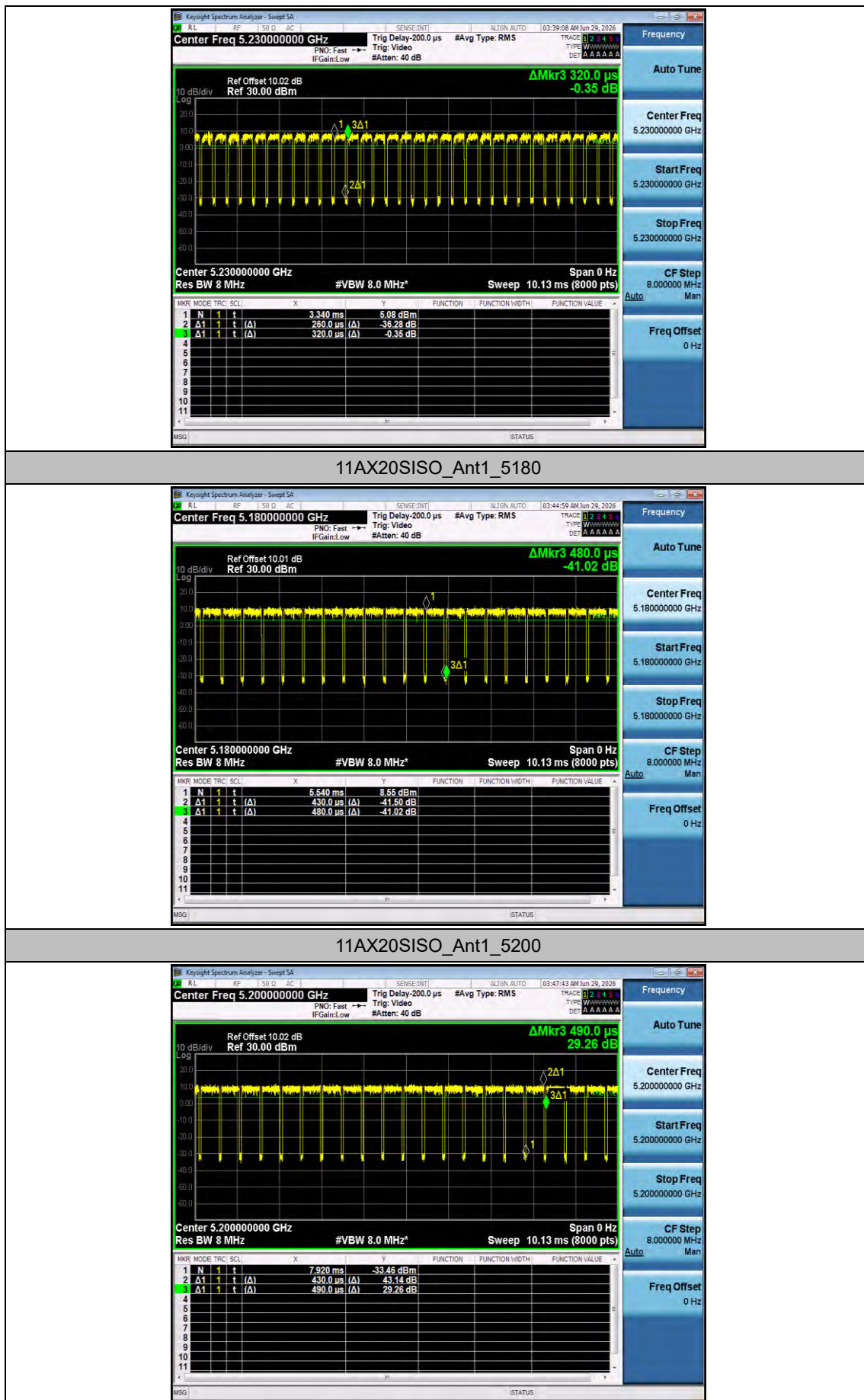
11AC20SISO_Ant1_5240

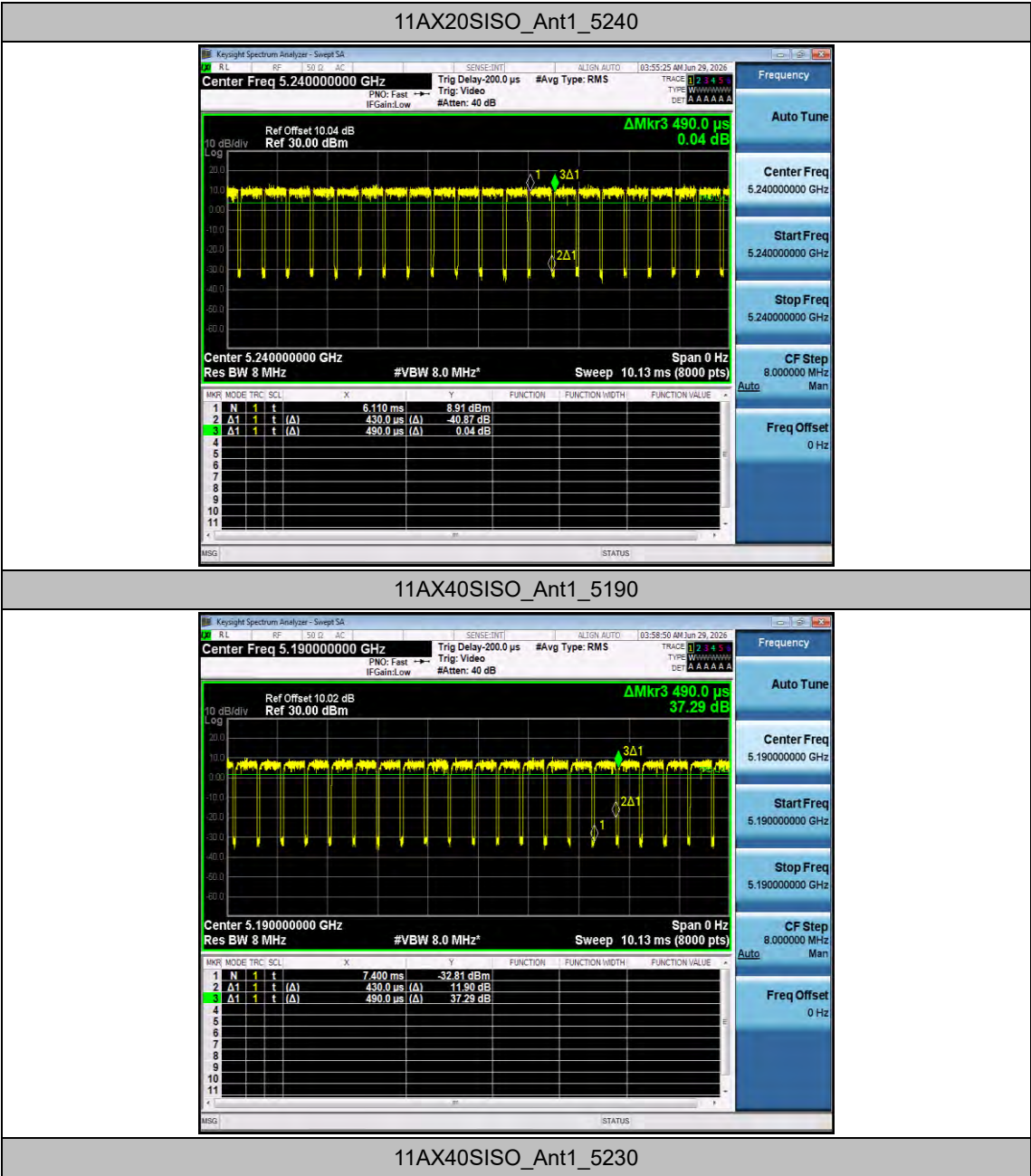


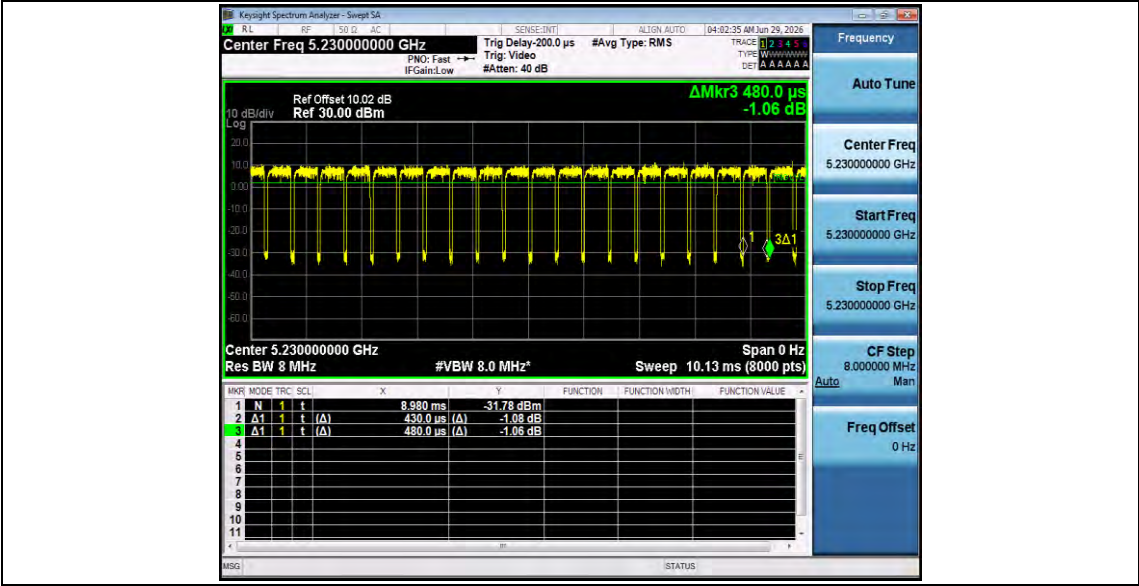
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230







AppendixD.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	Ant1	5180	13.22	95.89	0.18	13.40	≤23.98	PASS
		5200	13.64	95.86	0.18	13.82	≤23.98	PASS
		5240	13.96	95.89	0.18	14.14	≤23.98	PASS
11N20SISO	Ant1	5180	11.88	95.62	0.19	12.07	≤23.98	PASS
		5200	12.13	95.62	0.19	12.32	≤23.98	PASS
		5240	12.31	95.59	0.20	12.51	≤23.98	PASS
11N40SISO	Ant1	5190	11.66	91.55	0.38	12.04	≤23.98	PASS
		5230	11.98	91.55	0.38	12.36	≤23.98	PASS
11AC20SISO	Ant1	5180	11.41	88.68	0.52	11.93	≤23.98	PASS
		5200	11.62	90.57	0.43	12.05	≤23.98	PASS
		5240	12.04	88.89	0.51	12.55	≤23.98	PASS
11AC40SISO	Ant1	5190	11.04	83.87	0.76	11.80	≤23.98	PASS
		5230	11.66	81.25	0.90	12.56	≤23.98	PASS
11AX20SISO	Ant1	5180	11.64	89.58	0.48	12.12	≤23.98	PASS
		5200	11.96	87.76	0.57	12.53	≤23.98	PASS
		5240	12.24	87.76	0.57	12.81	≤23.98	PASS
11AX40SISO	Ant1	5190	11.85	87.76	0.57	12.42	≤23.98	PASS
		5230	12.18	89.58	0.48	12.66	≤23.98	PASS

AppendixD.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	2.41	≤11.00	PASS
		5200	2.79	≤11.00	PASS
		5240	2.99	≤11.00	PASS
11N20SISO	Ant1	5180	0.73	≤11.00	PASS
		5200	1.13	≤11.00	PASS
		5240	1.19	≤11.00	PASS
11N40SISO	Ant1	5190	-1.57	≤11.00	PASS
		5230	-1.14	≤11.00	PASS
11AC20SISO	Ant1	5180	0.63	≤11.00	PASS
		5200	0.83	≤11.00	PASS
		5240	1.20	≤11.00	PASS
11AC40SISO	Ant1	5190	-1.76	≤11.00	PASS
		5230	-1.08	≤11.00	PASS
11AX20SISO	Ant1	5180	0.30	≤11.00	PASS
		5200	0.75	≤11.00	PASS
		5240	1.09	≤11.00	PASS
11AX40SISO	Ant1	5190	-1.45	≤11.00	PASS
		5230	-1.21	≤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 Factoriscompensatedinthe graph.

Test Graphs

11A_Ant1_5180



11A_Ant1_5200



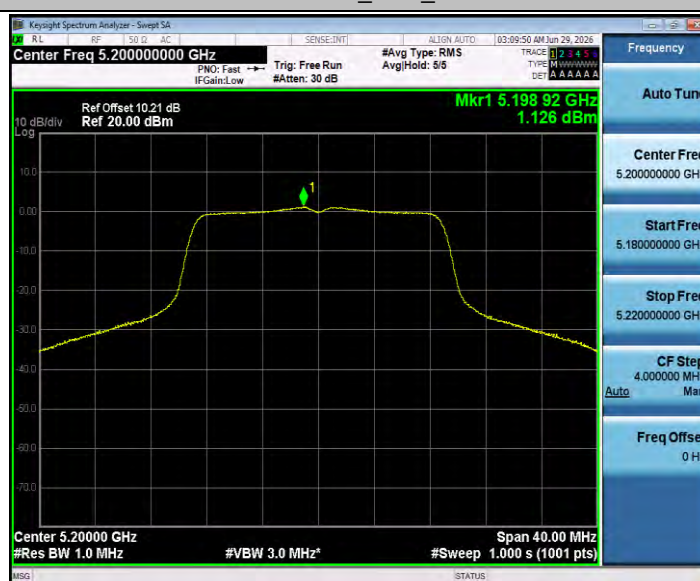
11A_Ant1_5240



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230

