

Case No. : <u>GTS20251231004-2-04</u>
Ambient Condition: <u>23</u> °C, <u>49</u> %RH
According Standard: ■Part15E
Test Date: <u>2025.12.18-2026.4.01</u> Test Engineer: <u>Evan ouyang</u>

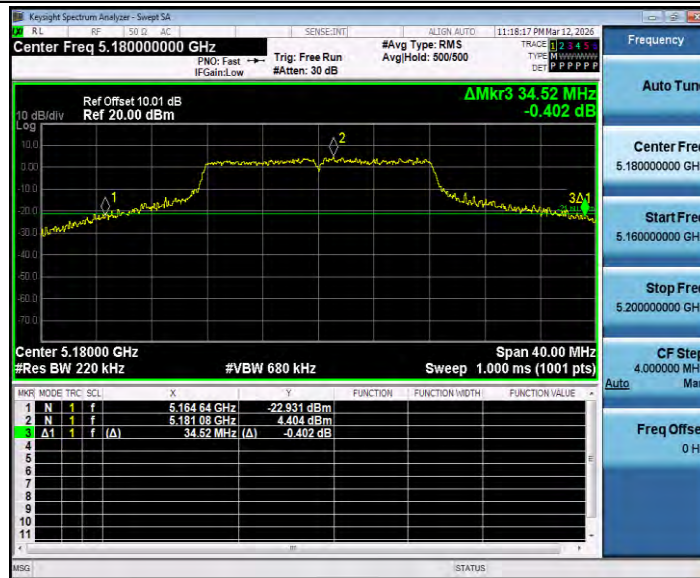
Appendix D.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	34.520	5164.640	5199.160	---	---
		5200	29.720	5185.080	5214.800	---	---
		5240	24.920	5226.920	5251.840	---	---
11N20SISO	Ant2	5180	36.040	5163.680	5199.720	---	---
		5200	31.880	5183.880	5215.760	---	---
		5240	25.640	5227.400	5253.040	---	---
11N40SISO	Ant2	5190	46.720	5168.080	5214.800	---	---
		5230	40.560	5209.840	5250.400	---	---
11AC20SISO	Ant2	5180	35.880	5163.880	5199.760	---	---
		5200	30.960	5184.560	5215.520	---	---
		5240	24.560	5227.640	5252.200	---	---
11AC40SISO	Ant2	5190	48.080	5167.840	5215.920	---	---
		5230	40.720	5209.600	5250.320	---	---
11AC80SISO	Ant2	5210	109.760	5163.280	5273.040	---	---
11AX20SISO	Ant2	5180	31.400	5166.000	5197.400	---	---
		5200	33.080	5182.360	5215.440	---	---
		5240	22.600	5228.600	5251.200	---	---
11AX40SISO	Ant2	5190	50.400	5166.880	5217.280	---	---
		5230	39.680	5210.240	5249.920	---	---
11AX80SISO	Ant2	5210	80.640	5169.840	5250.480	---	---

Test Graphs

11A_Ant2_5180



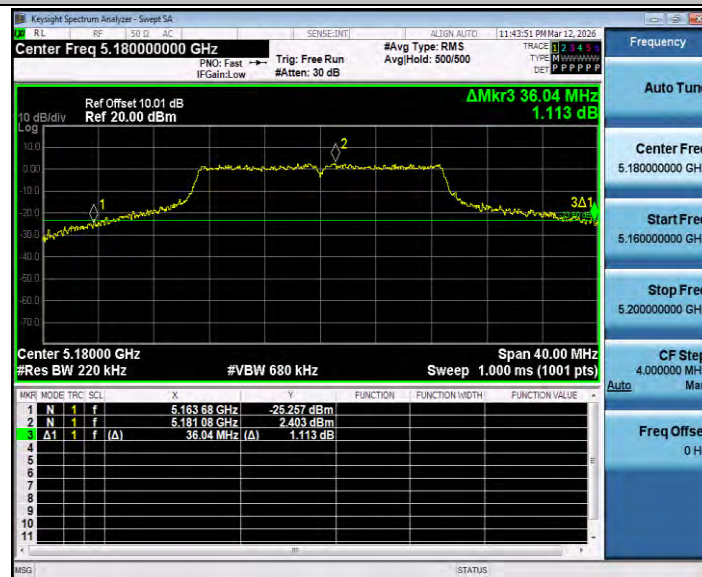
11A_Ant2_5200



11A_Ant2_5240



11N20SISO_Ant2_5180



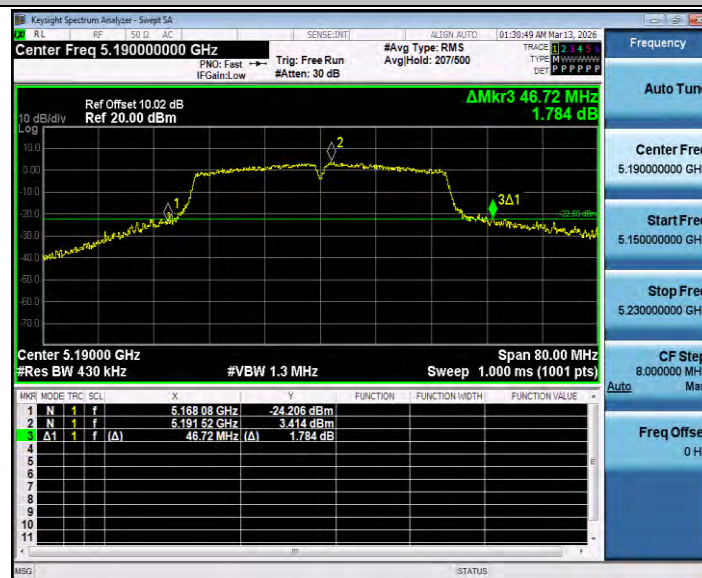
11N20SISO_Ant2_5200



11N20SISO_Ant2_5240



11N40SISO_Ant2_5190



11N40SISO_Ant2_5230



11AC20SISO_Ant2_5180



11AC20SISO_Ant2_5200



11AC20SISO_Ant2_5240



11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



11AC80SISO_Ant2_5210



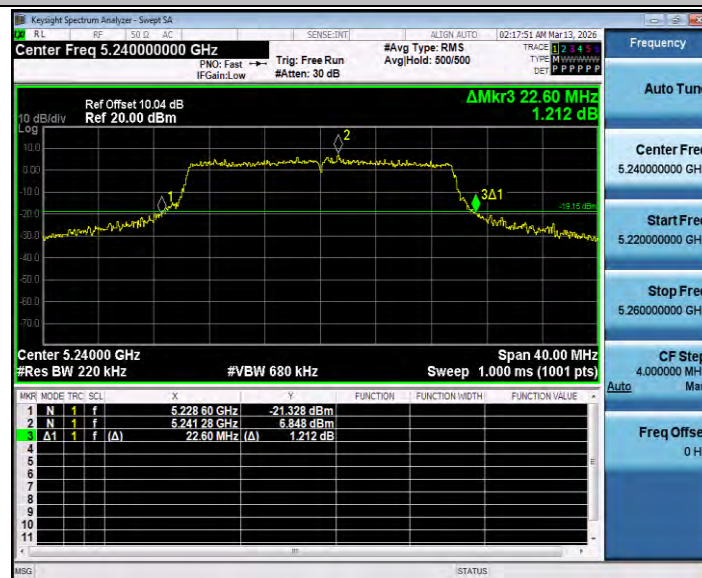
11AX20SISO_Ant2_5180



11AX20SISO_Ant2_5200



11AX20SISO_Ant2_5240



11AX40SISO_Ant2_5190



11AX40ISO_Ant2_5230



11AX80ISO_Ant2_5210

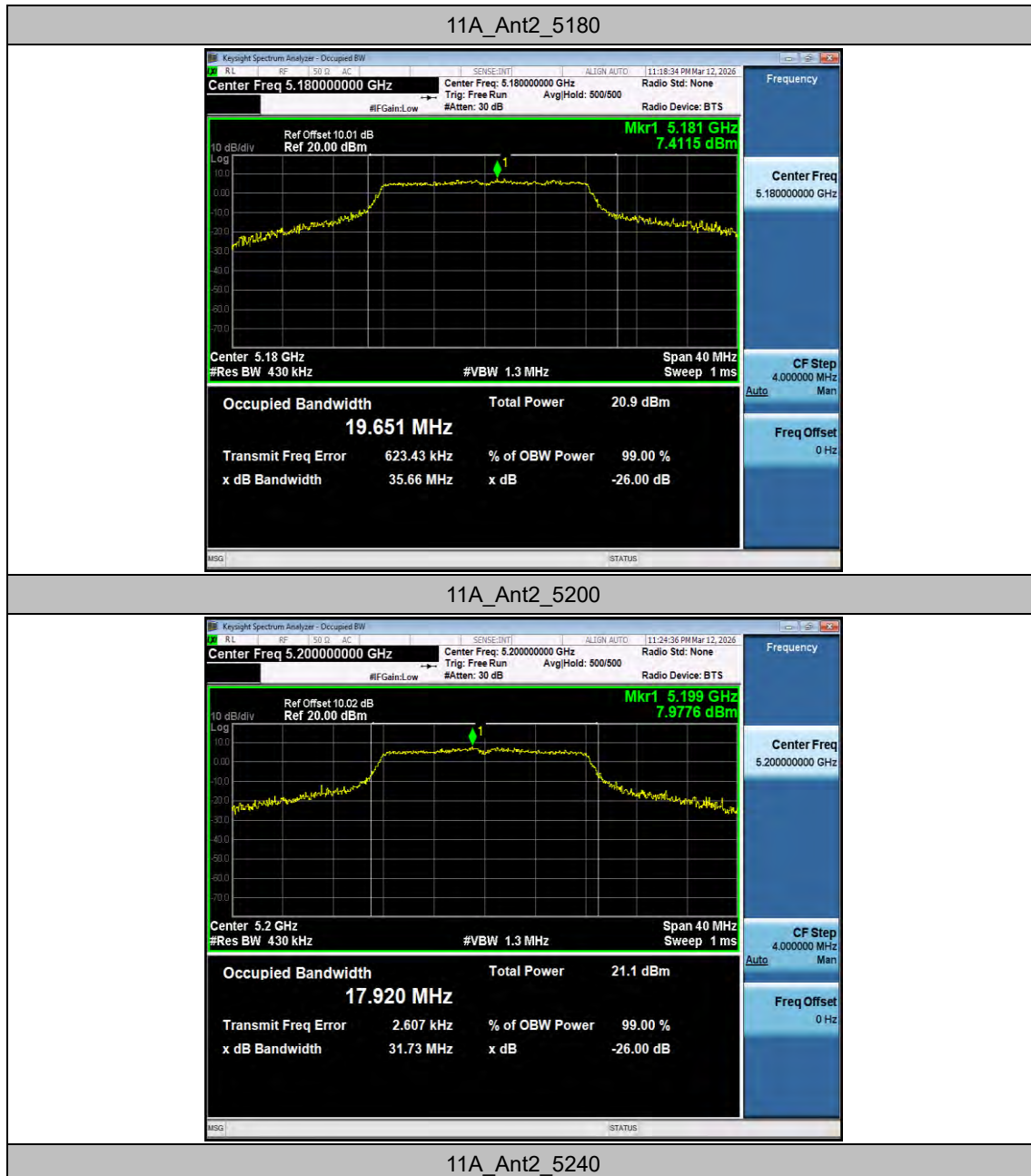


Appendix D.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	19.651	5170.7979	5190.4489	---	---
		5200	17.920	5191.0426	5208.9626	---	---
		5240	17.439	5231.3074	5248.7464	---	---
11N20SISO	Ant2	5180	20.769	5170.3591	5191.1281	---	---
		5200	19.114	5190.4760	5209.5900	---	---
		5240	18.433	5230.7915	5249.2245	---	---
11N40SISO	Ant2	5190	36.675	5171.8127	5208.4877	---	---
		5230	36.471	5211.8019	5248.2729	---	---
11AC20SISO	Ant2	5180	20.564	5170.3367	5190.9007	---	---
		5200	19.213	5190.3606	5209.5736	---	---
		5240	18.437	5230.7912	5249.2282	---	---
11AC40SISO	Ant2	5190	36.669	5171.7947	5208.4637	---	---
		5230	36.397	5211.8161	5248.2131	---	---
11AC80SISO	Ant2	5210	75.887	5172.2841	5248.1711	---	---
11AX20SISO	Ant2	5180	19.537	5170.3354	5189.8724	---	---
		5200	19.618	5190.1776	5209.7956	---	---
		5240	19.312	5230.3432	5249.6552	---	---
11AX40SISO	Ant2	5190	37.703	5171.2628	5208.9658	---	---
		5230	37.568	5211.2676	5248.8356	---	---
11AX80SISO	Ant2	5210	77.460	5171.5088	5248.9688	---	---

Test Graphs





11N20SISO_Ant2_5180



11N20SISO_Ant2_5200



11N20SISO_Ant2_5240



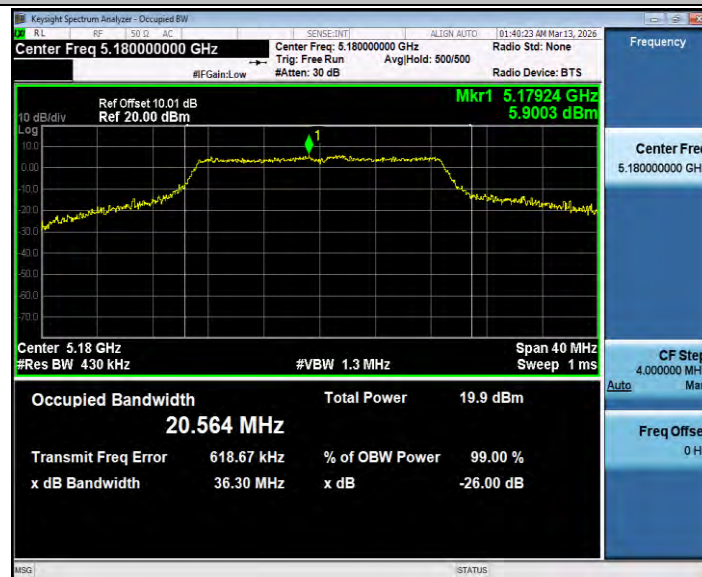
11N40SISO_Ant2_5190



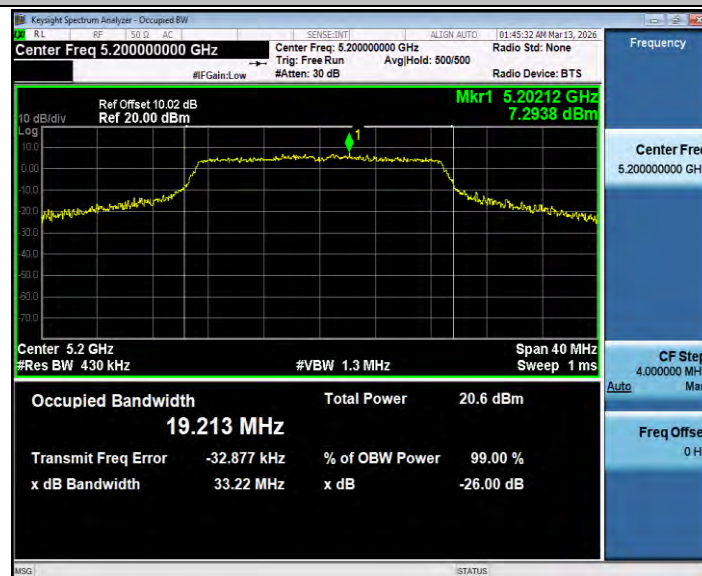
11N40SISO_Ant2_5230



11AC20SISO_Ant2_5180



11AC20SISO_Ant2_5200



11AC20SISO_Ant2_5240



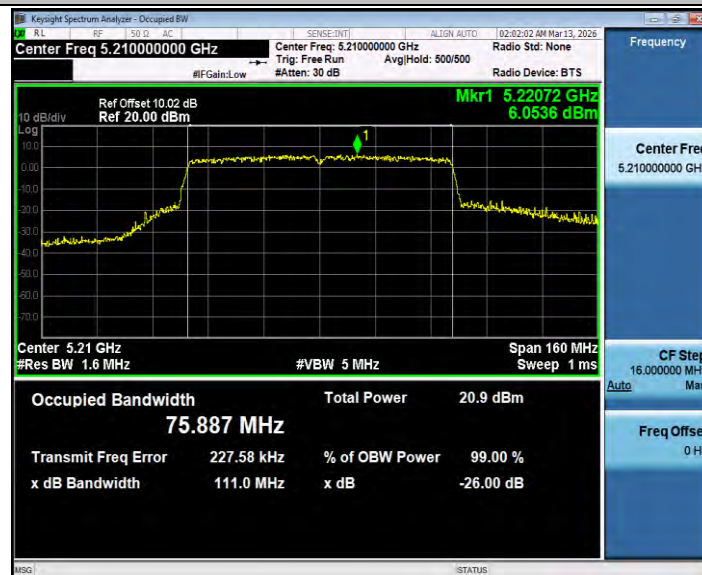
11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



11AC80SISO_Ant2_5210



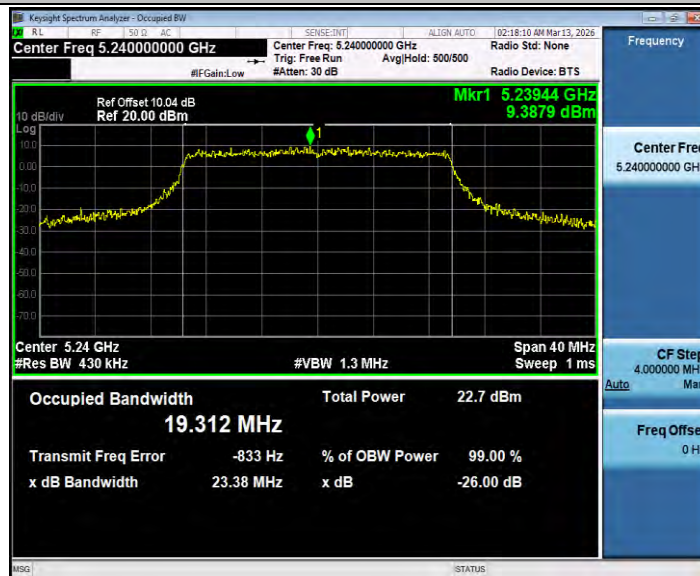
11AX20SISO_Ant2_5180



11AX20SISO_Ant2_5200



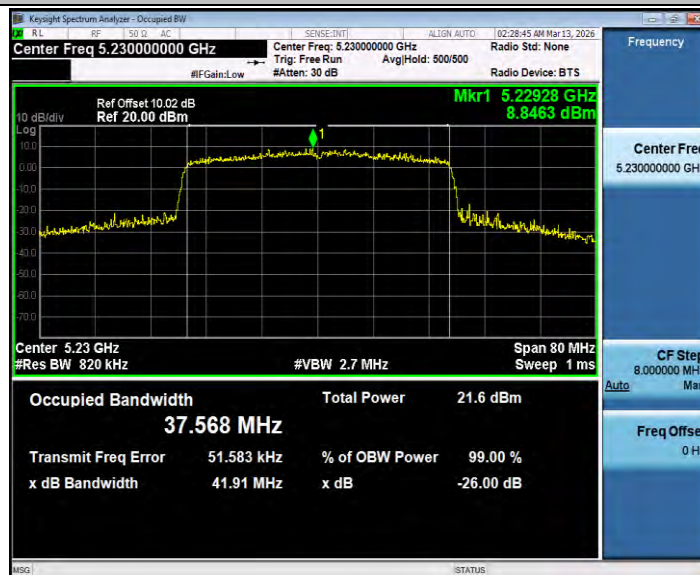
11AX20SISO_Ant2_5240



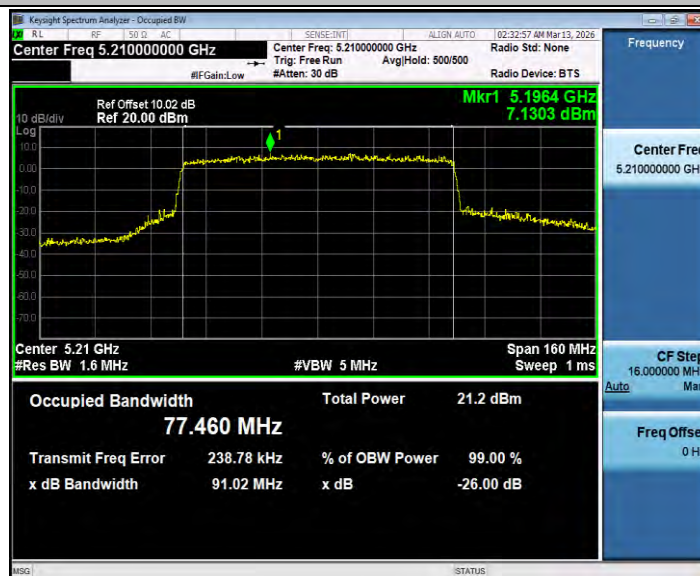
11AX40SISO_Ant2_5190



11AX40ISO_Ant2_5230



11AX80ISO_Ant2_5210

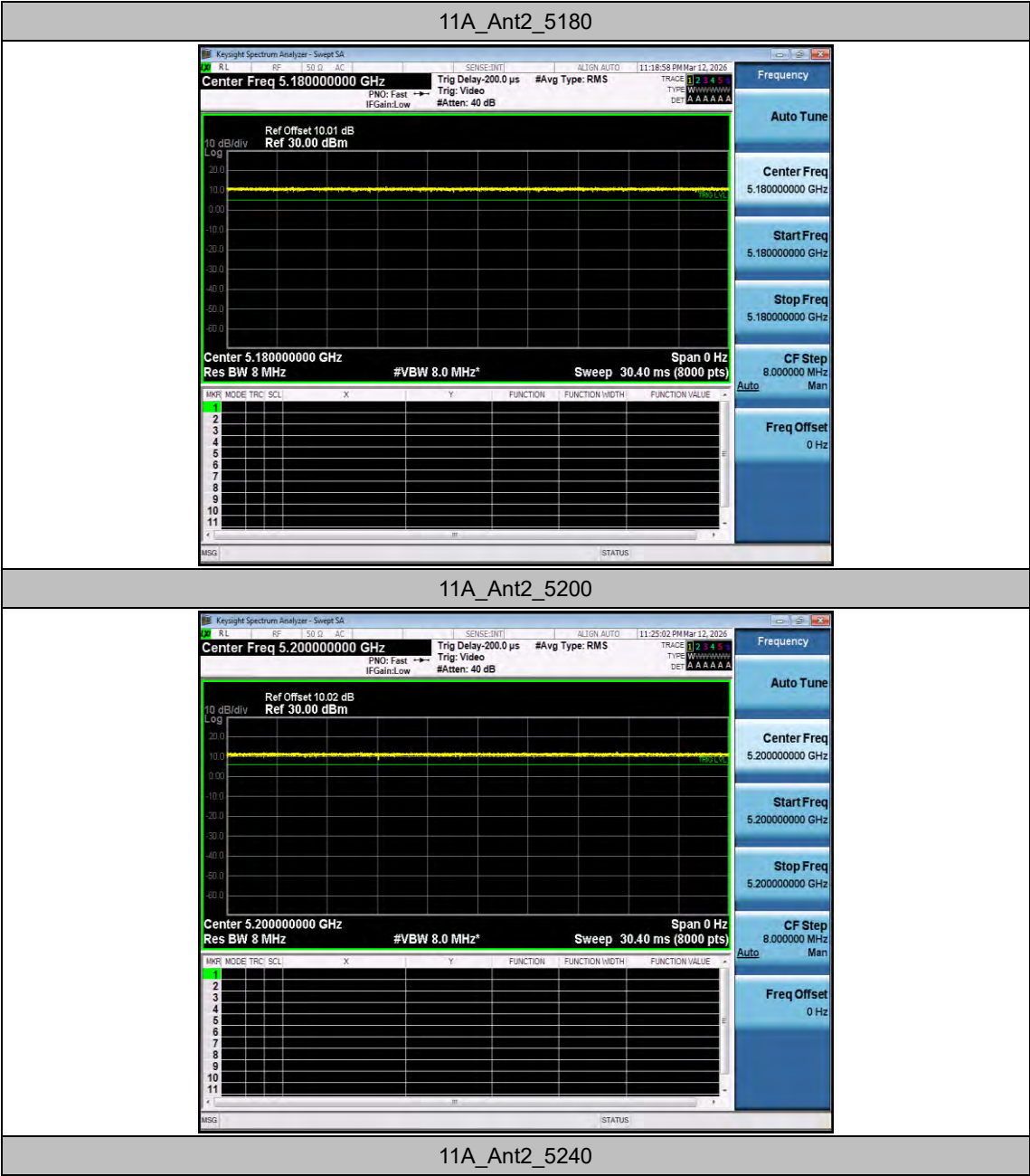


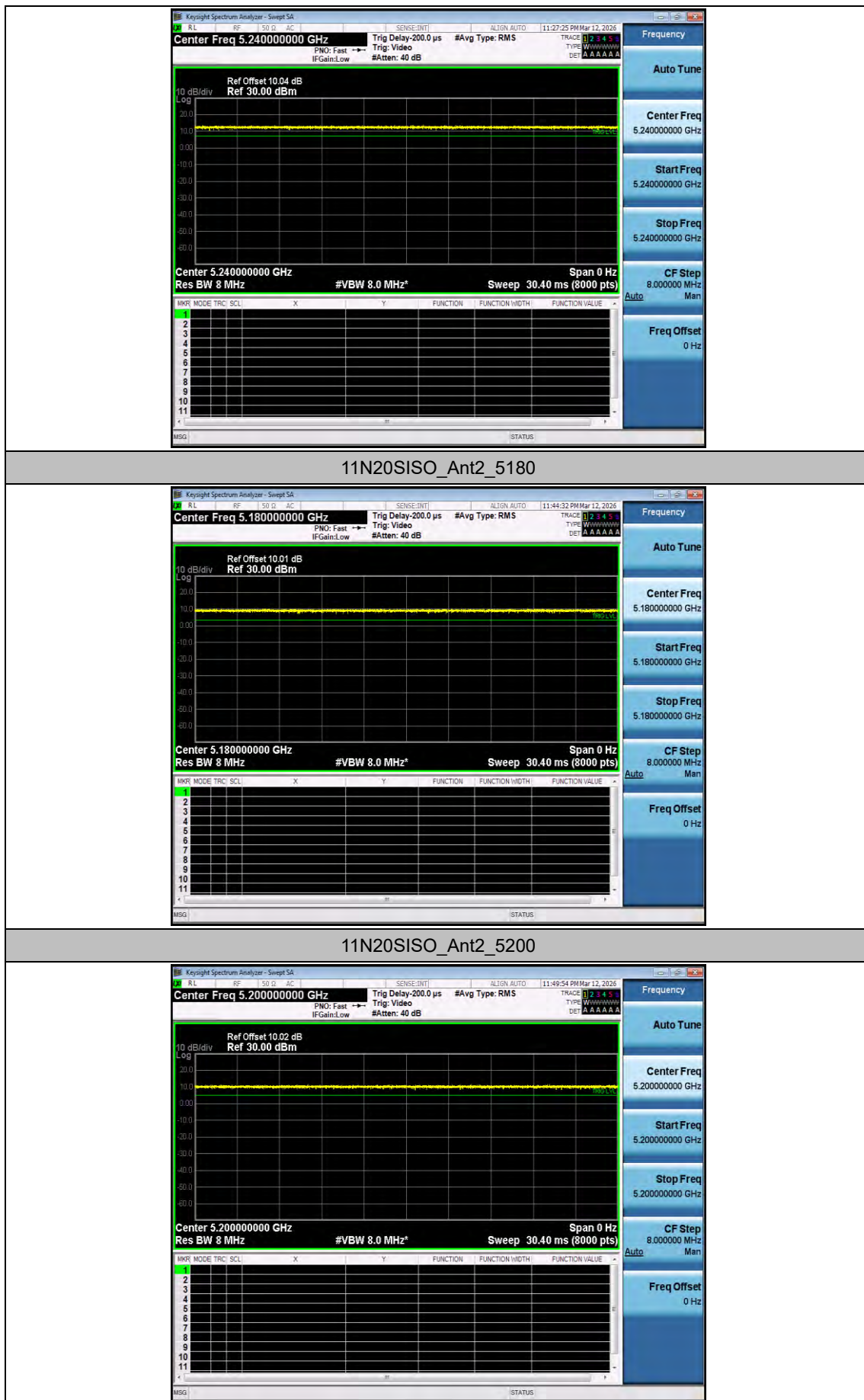
AppendixD.3: Duty Cycle

Test Result

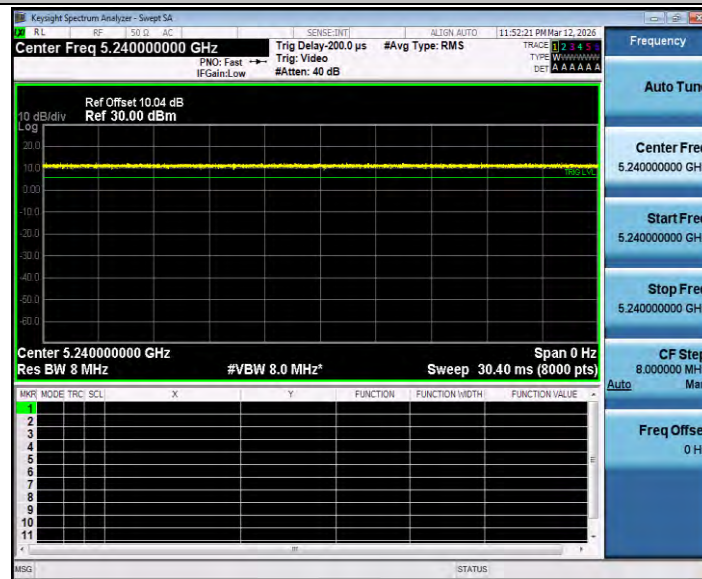
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant2	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant2	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11N40SISO	Ant2	5190	30.00	30.00	100.00	0.00	0.03
		5230	30.00	30.00	100.00	0.00	0.03
11AC20SISO	Ant2	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11AC40SISO	Ant2	5190	30.00	30.00	100.00	0.00	0.03
		5230	30.00	30.00	100.00	0.00	0.03
11AC80SISO	Ant2	5210	30.00	30.00	100.00	0.00	0.03
11AX20SISO	Ant2	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11AX40SISO	Ant2	5190	30.00	30.00	100.00	0.00	0.03
		5230	30.00	30.00	100.00	0.00	0.03
11AX80SISO	Ant2	5210	30.00	30.00	100.00	0.00	0.03

Test Graphs

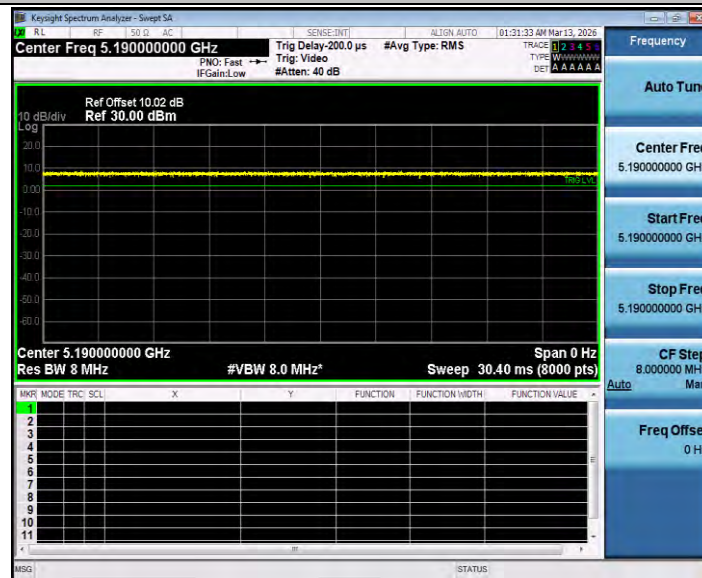




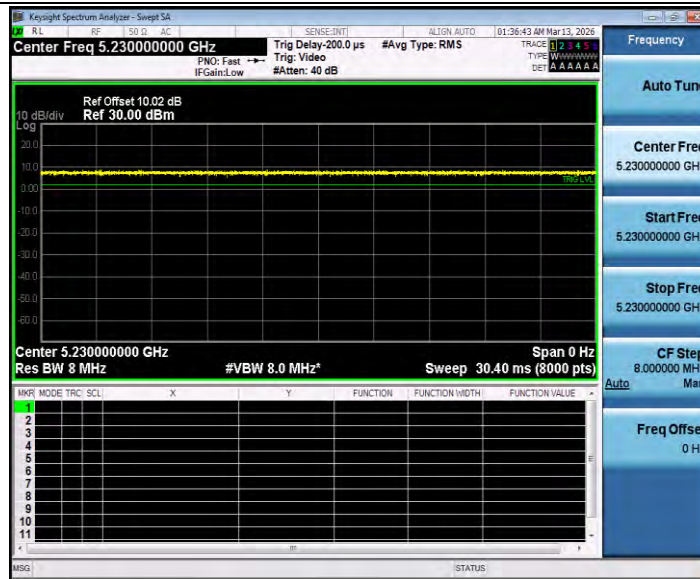
11N20SISO_Ant2_5240



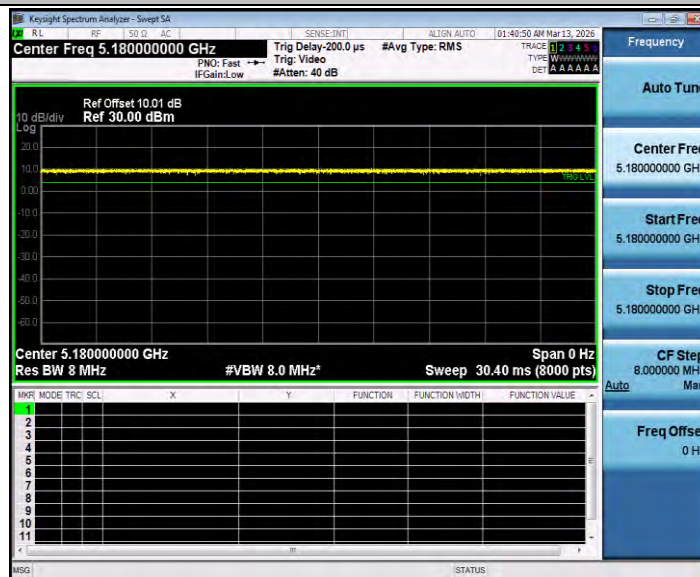
11N40SISO_Ant2_5190



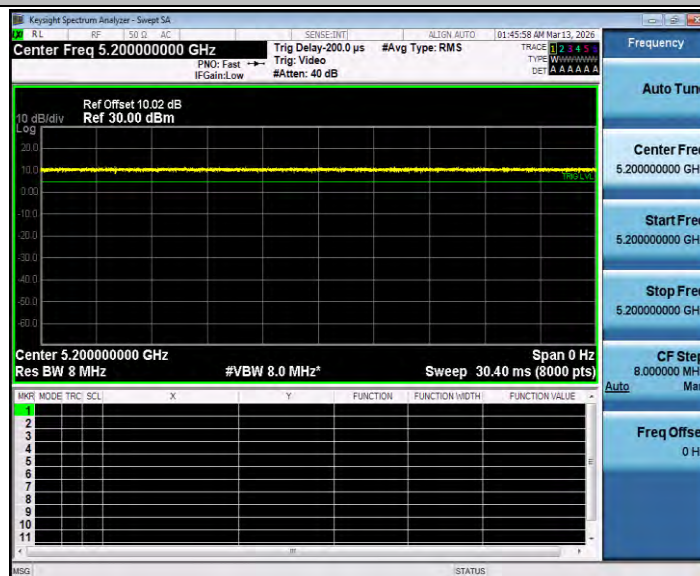
11N40SISO_Ant2_5230



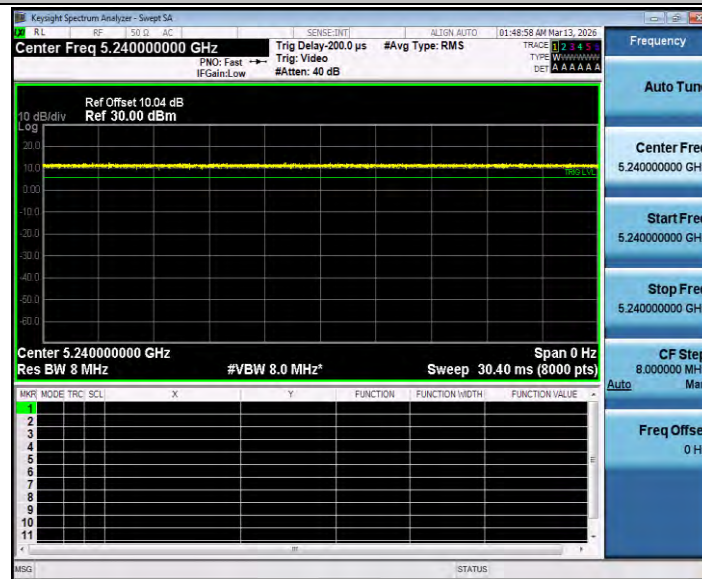
11AC20SISO_Ant2_5180



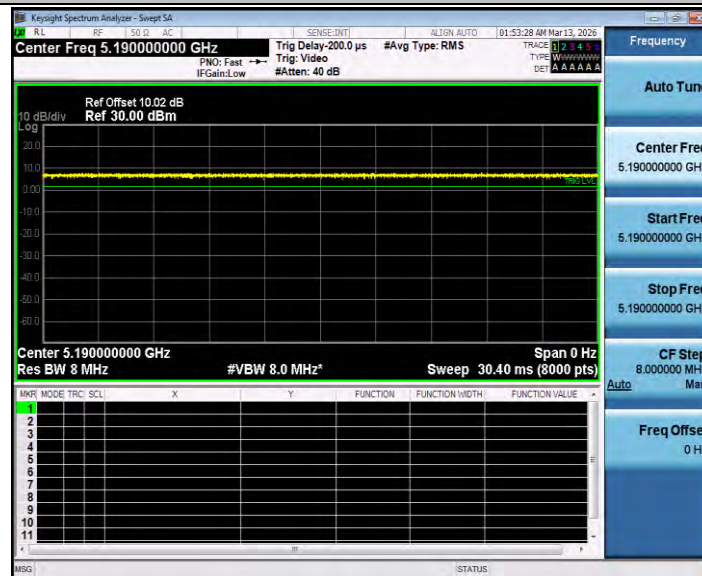
11AC20SISO_Ant2_5200



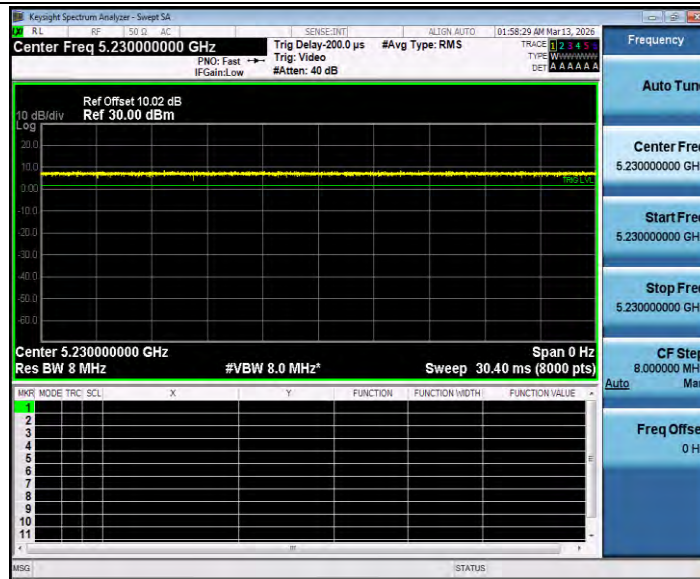
11AC20SISO_Ant2_5240



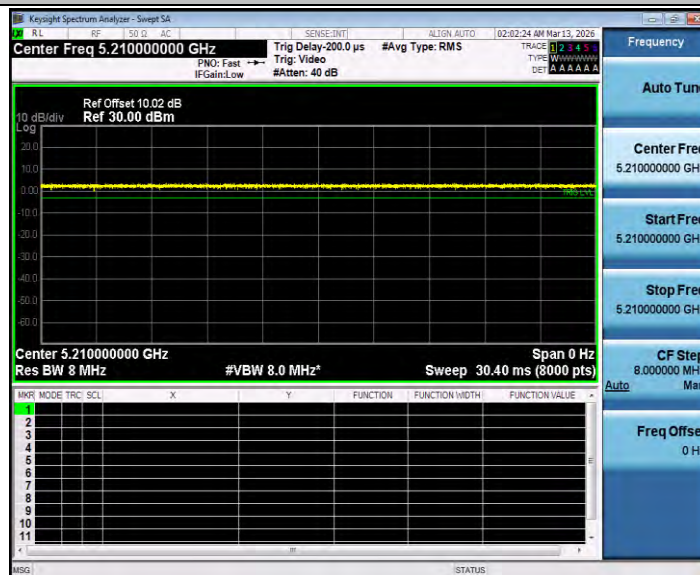
11AC40SISO_Ant2_5190



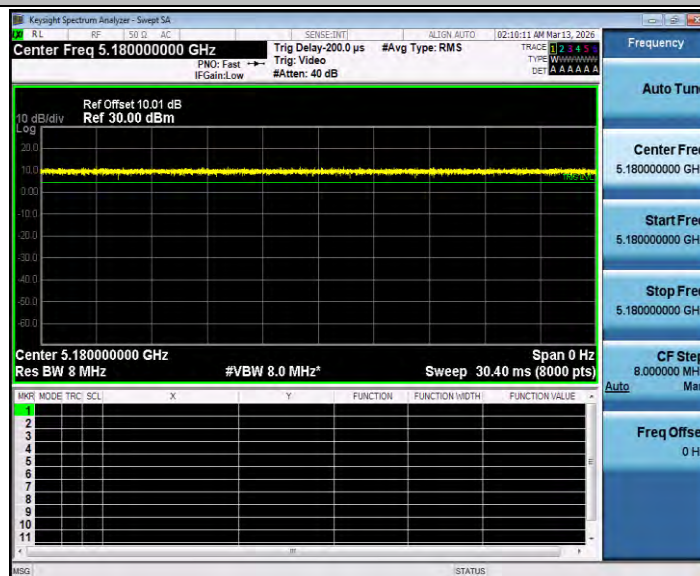
11AC40SISO_Ant2_5230



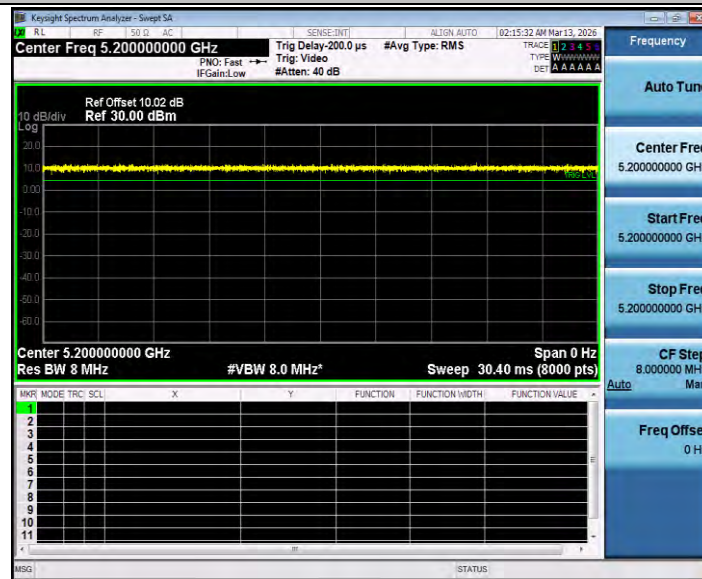
11AC80SISO_Ant2_5210



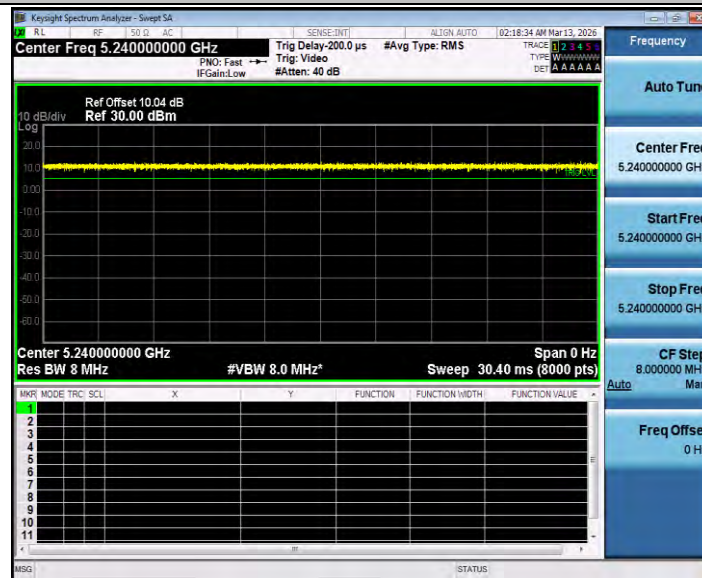
11AX20SISO_Ant2_5180



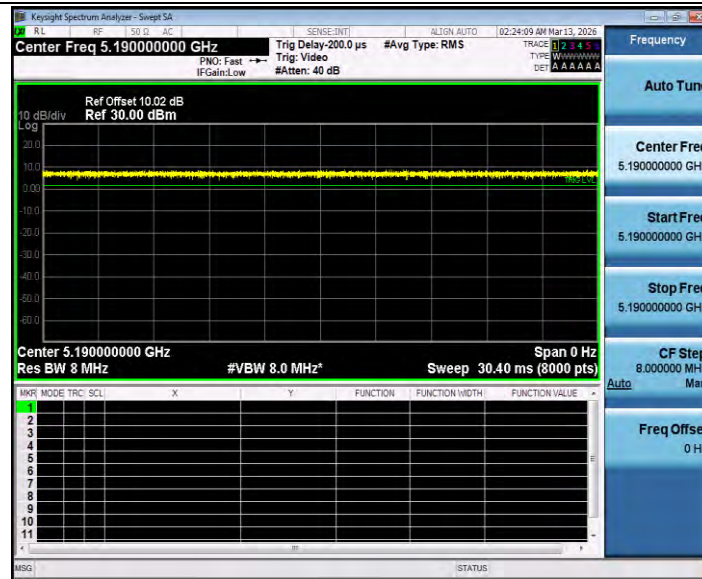
11AX20SISO_Ant2_5200



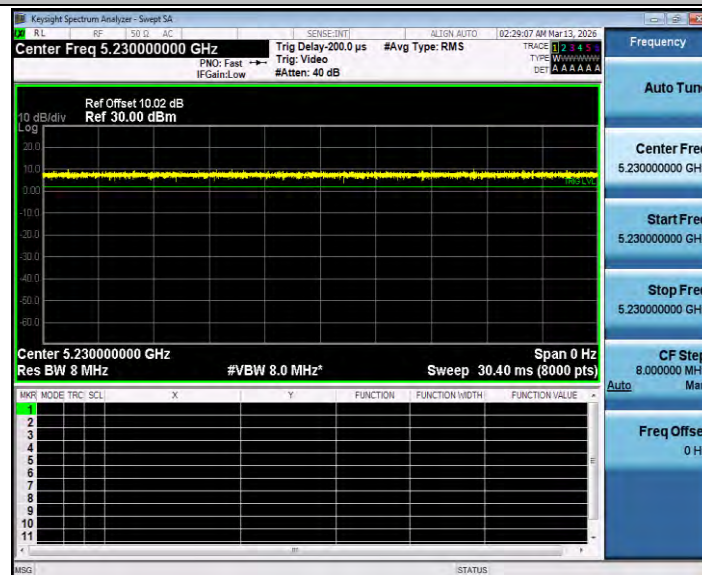
11AX20SISO_Ant2_5240



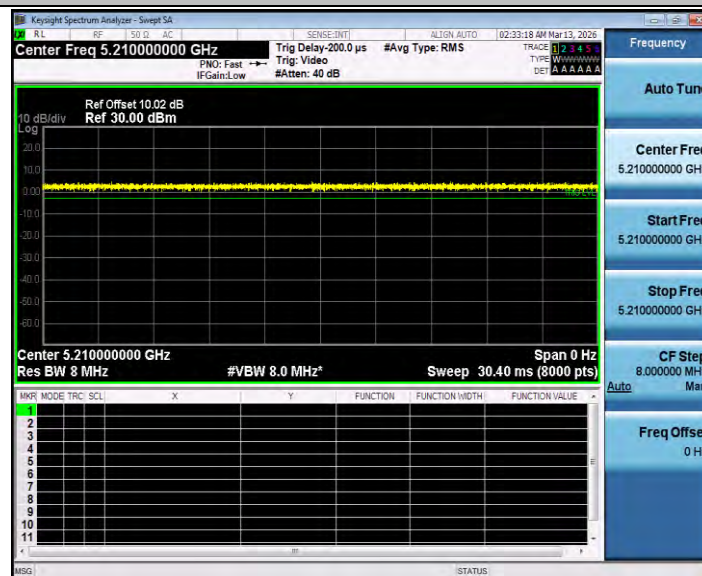
11AX40SISO_Ant2_5190



11AX40ISO_Ant2_5230



11AX80ISO_Ant2_5210



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	13.99	100.00	0.00	13.99	≤23.98	PASS
		5200	14.24	100.00	0.00	14.24	≤23.98	PASS
		5240	15.35	100.00	0.00	15.35	≤23.98	PASS
11N20SISO	Ant2	5180	12.81	100.00	0.00	12.81	≤23.98	PASS
		5200	13.46	100.00	0.00	13.46	≤23.98	PASS
		5240	14.23	100.00	0.00	14.23	≤23.98	PASS
11N40SISO	Ant2	5190	13.12	100.00	0.00	13.12	≤23.98	PASS
		5230	13.05	100.00	0.00	13.05	≤23.98	PASS
11AC20SISO	Ant2	5180	12.97	100.00	0.00	12.97	≤23.98	PASS
		5200	13.65	100.00	0.00	13.65	≤23.98	PASS
		5240	14.40	100.00	0.00	14.40	≤23.98	PASS
11AC40SISO	Ant2	5190	12.33	100.00	0.00	12.33	≤23.98	PASS
		5230	12.67	100.00	0.00	12.67	≤23.98	PASS
11AC80SISO	Ant2	5210	11.96	100.00	0.00	11.96	≤23.98	PASS
11AX20SISO	Ant2	5180	13.11	100.00	0.00	13.11	≤23.98	PASS
		5200	13.72	100.00	0.00	13.72	≤23.98	PASS
		5240	14.37	100.00	0.00	14.37	≤23.98	PASS
11AX40SISO	Ant2	5190	12.40	100.00	0.00	12.40	≤23.98	PASS
		5230	12.88	100.00	0.00	12.88	≤23.98	PASS
11AX80SISO	Ant2	5210	11.93	100.00	0.00	11.93	≤23.98	PASS

Appendix D.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5180	2.28	≤11.00	PASS
		5200	3.14	≤11.00	PASS
		5240	4.33	≤11.00	PASS
11N20SISO	Ant2	5180	1.12	≤11.00	PASS
		5200	2.16	≤11.00	PASS
		5240	3.07	≤11.00	PASS
11N40SISO	Ant2	5190	-0.35	≤11.00	PASS
		5230	-0.44	≤11.00	PASS
11AC20SISO	Ant2	5180	1.16	≤11.00	PASS
		5200	2.31	≤11.00	PASS
		5240	3.14	≤11.00	PASS
11AC40SISO	Ant2	5190	-1.12	≤11.00	PASS
		5230	-0.85	≤11.00	PASS
11AC80SISO	Ant2	5210	-5.63	≤11.00	PASS
11AX20SISO	Ant2	5180	1.30	≤11.00	PASS
		5200	1.90	≤11.00	PASS
		5240	2.67	≤11.00	PASS
11AX40SISO	Ant2	5190	-1.19	≤11.00	PASS
		5230	-0.81	≤11.00	PASS
11AX80SISO	Ant2	5210	-5.79	≤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_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



11AC80SISO_Ant2_5210



11AX20SISO_Ant2_5180



11AX20SISO_Ant2_5200



11AX20SISO_Ant2_5240



11AX40SISO_Ant2_5190



11AX40ISO_Ant2_5230



11AX80ISO_Ant2_5210

