

Case No. : <u>GTS20260225003-4-12</u>	
Ambient Condition: <u>25</u> °C, <u>52</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2026.4.14</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	Ant1	5180	18.480	5170.720	5189.200	---	---
		5200	21.040	5189.520	5210.560	---	---
		5240	23.240	5227.400	5250.640	---	---
11N20SISO	Ant1	5180	19.480	5170.280	5189.760	---	---
		5200	19.520	5190.280	5209.800	---	---
		5240	19.520	5230.320	5249.840	---	---
11N40SISO	Ant1	5190	41.280	5169.600	5210.880	---	---
		5230	41.200	5209.440	5250.640	---	---
11AC20SISO	Ant1	5180	19.640	5170.240	5189.880	---	---
		5200	19.560	5190.200	5209.760	---	---
		5240	19.560	5230.240	5249.800	---	---
11AC40SISO	Ant1	5190	41.440	5169.280	5210.720	---	---
		5230	41.200	5209.600	5250.800	---	---
11AC80SISO	Ant1	5210	81.120	5169.520	5250.640	---	---

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



11AC80SISO_Ant1_5210



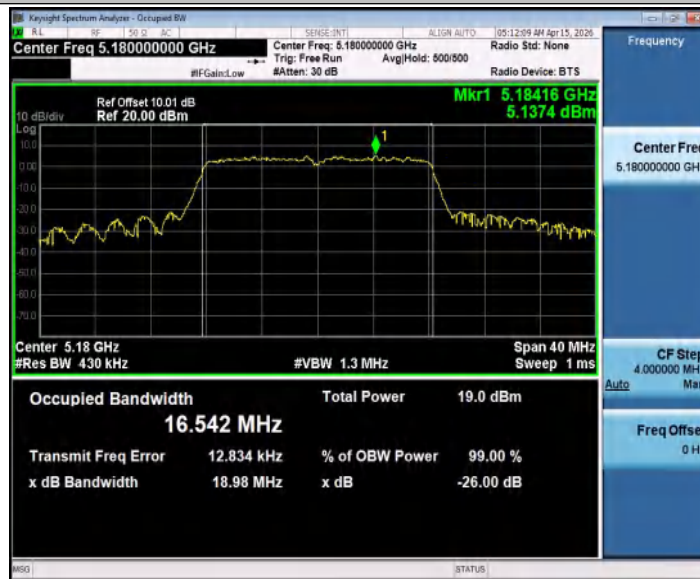
Appendix D.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.542	5171.7418	5188.2838	---	---
		5200	16.573	5191.7244	5208.2974	---	---
		5240	16.615	5231.6832	5248.2982	---	---
11N20SISO	Ant1	5180	17.622	5171.2112	5188.8332	---	---
		5200	17.640	5191.2036	5208.8436	---	---
		5240	17.643	5231.1889	5248.8319	---	---
11N40SISO	Ant1	5190	36.293	5171.9890	5208.2820	---	---
		5230	36.359	5211.9145	5248.2735	---	---
11AC20SISO	Ant1	5180	17.636	5171.2060	5188.8420	---	---
		5200	17.643	5191.1998	5208.8428	---	---
		5240	17.650	5231.1894	5248.8394	---	---
11AC40SISO	Ant1	5190	36.301	5171.9793	5208.2803	---	---
		5230	36.321	5211.9259	5248.2469	---	---
11AC80SISO	Ant1	5210	74.422	5172.9613	5247.3833	---	---

Test Graphs

11A_Ant1_5180



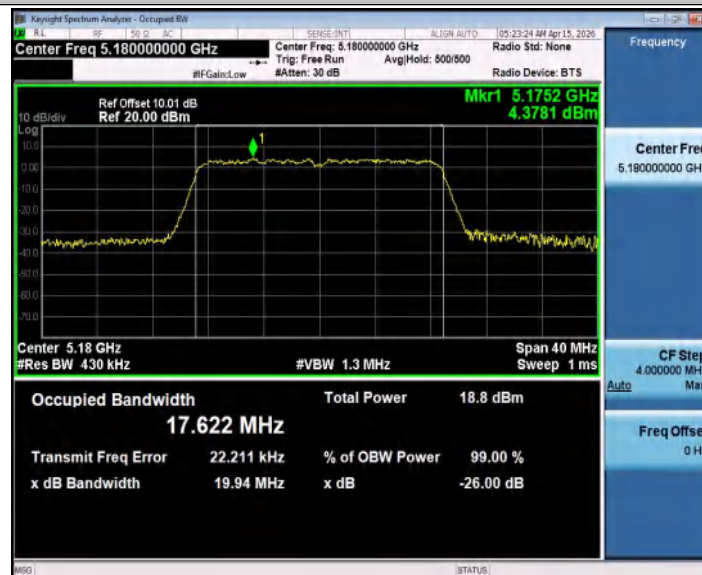
11A_Ant1_5200



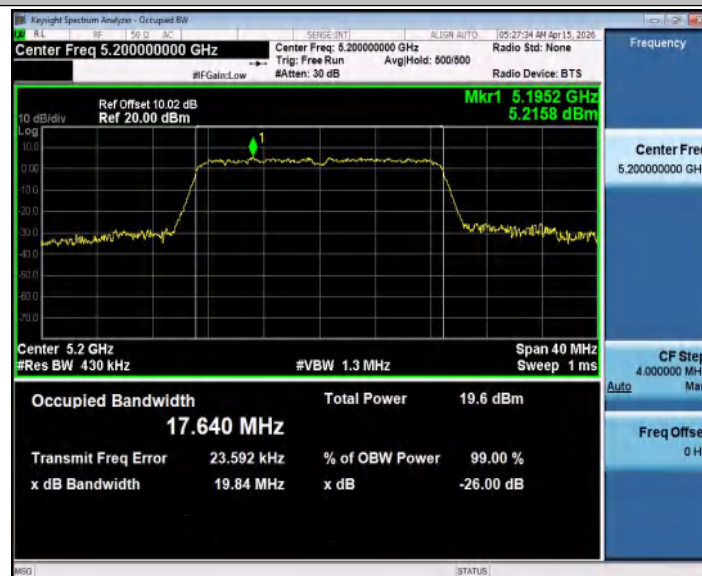
11A_Ant1_5240



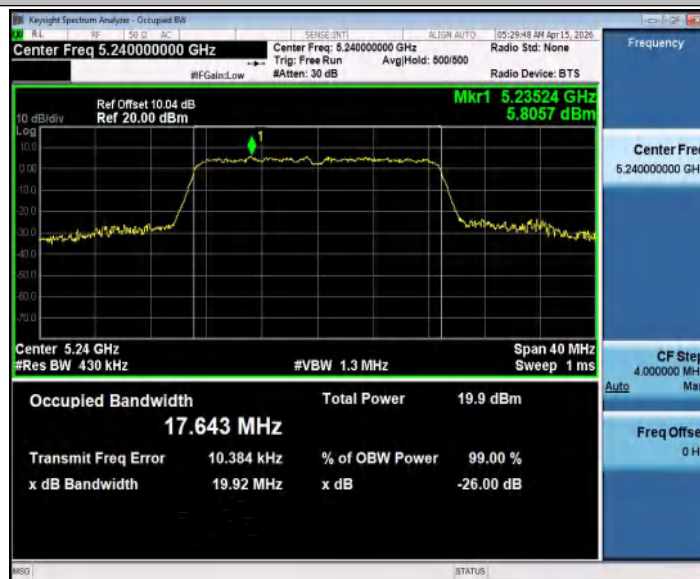
11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



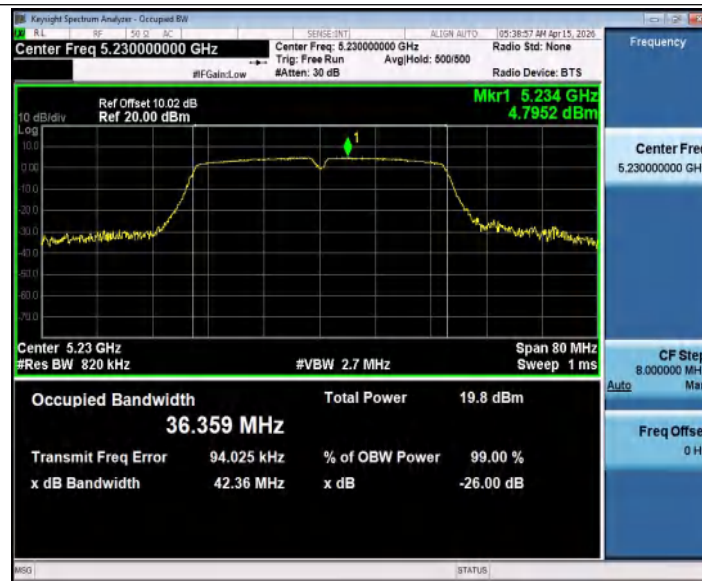
11N20SISO_Ant1_5240



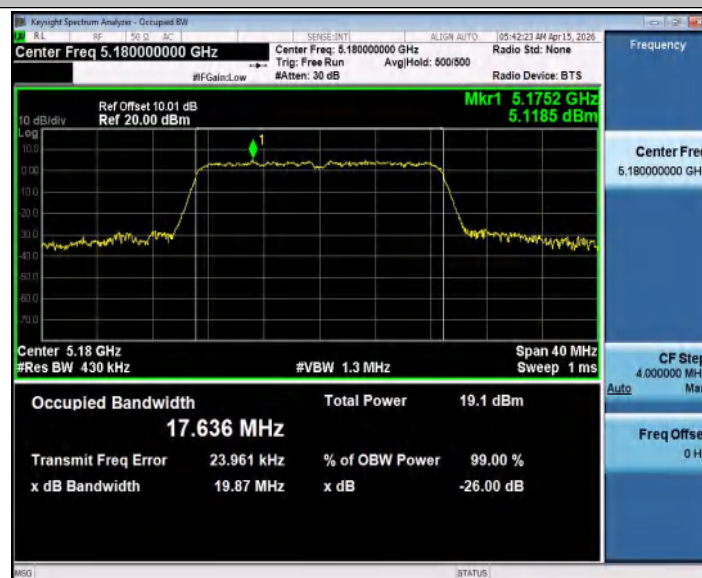
11N40SISO_Ant1_5190



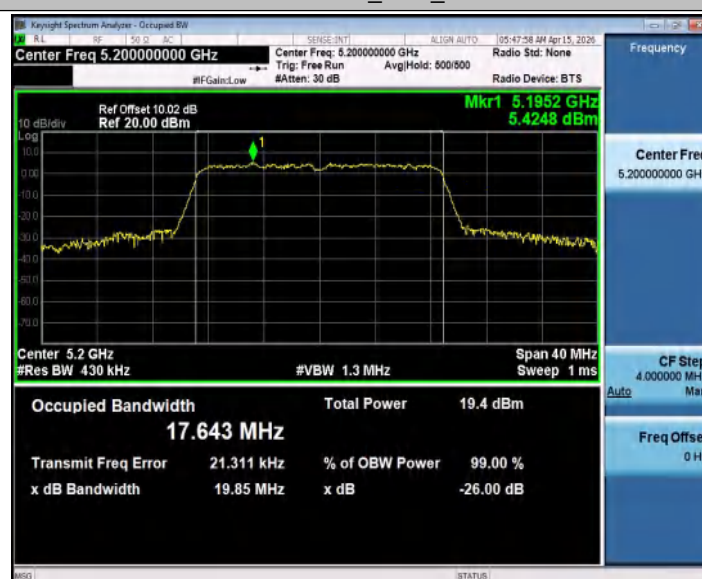
11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



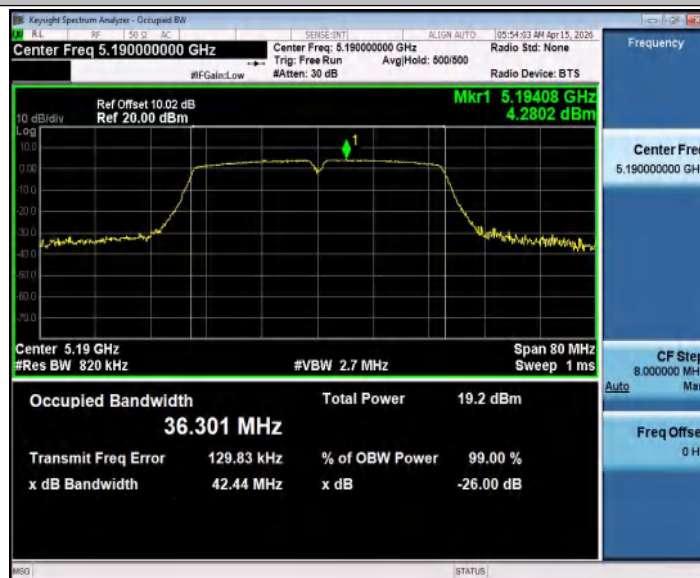
11AC20SISO_Ant1_5200



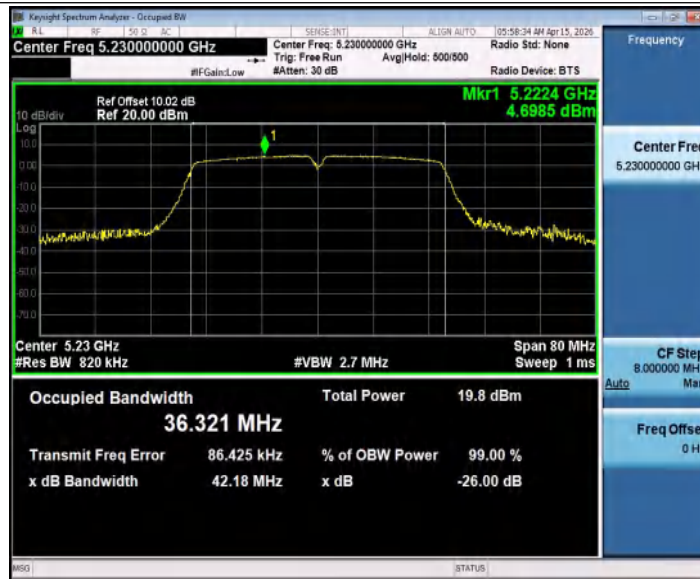
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210

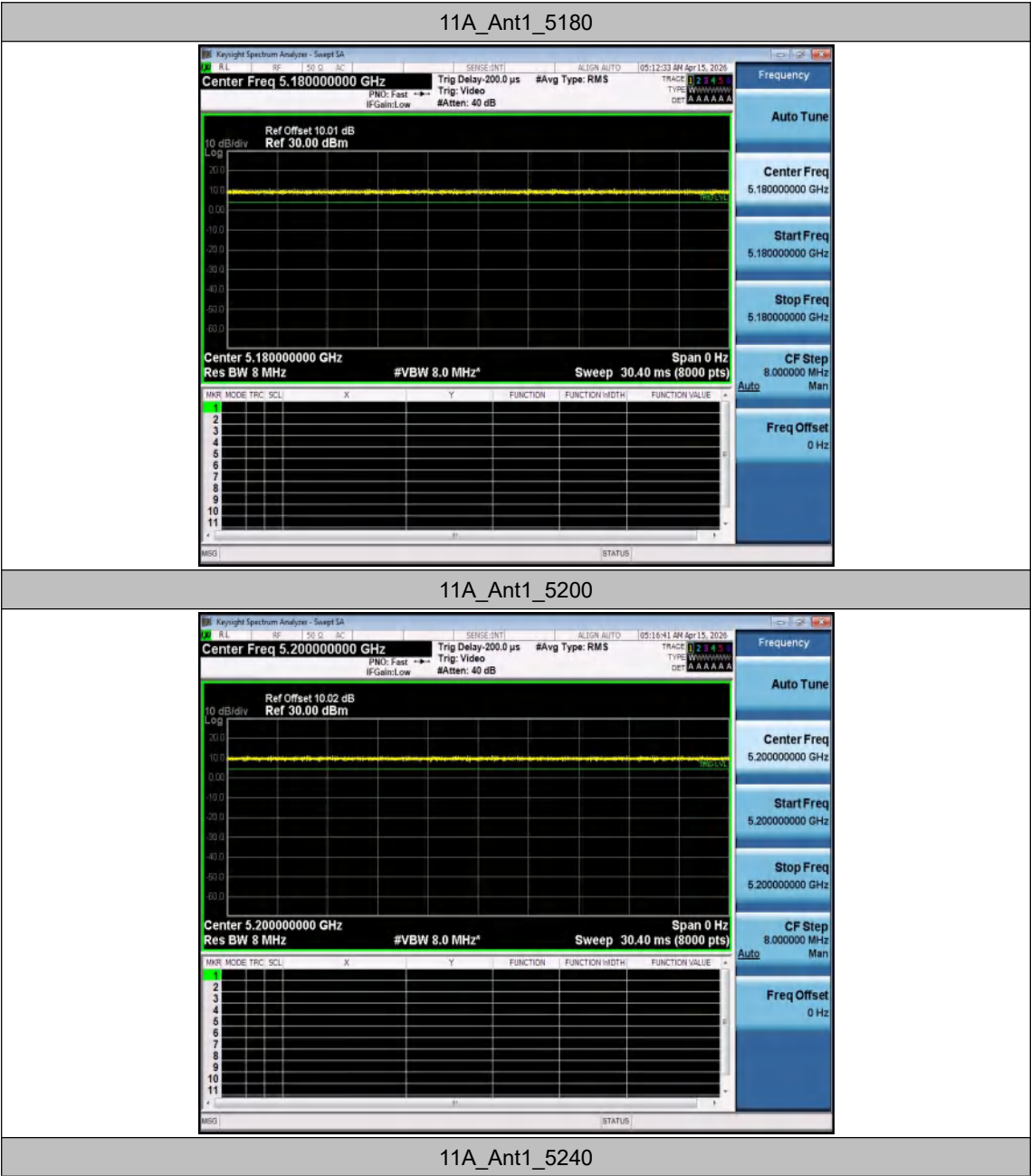


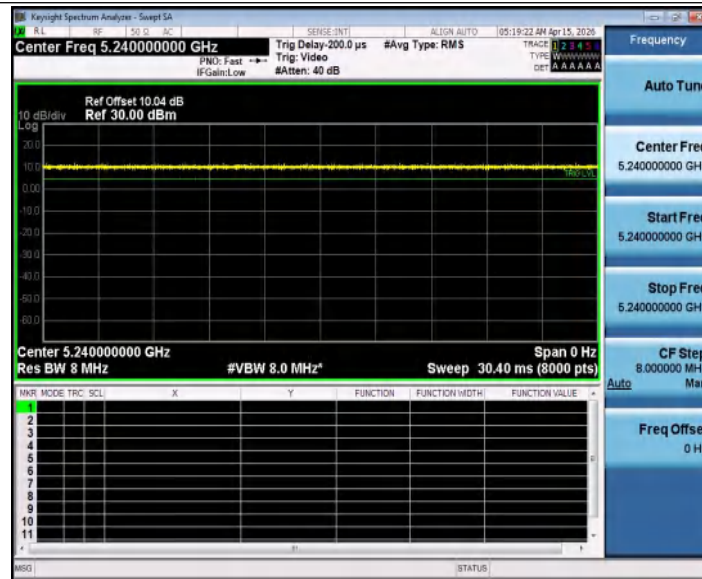
Appendix D.3: Duty Cycle

Test Result

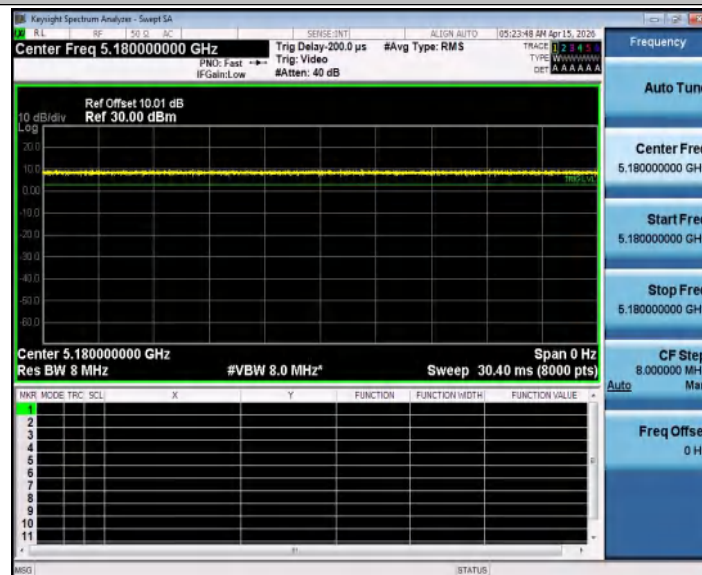
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant1	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11N40SISO	Ant1	5190	30.00	30.00	100.00	0.00	0.03
		5230	30.00	30.00	100.00	0.00	0.03
11AC20SISO	Ant1	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	Ant1	5190	30.00	30.00	100.00	0.00	0.03
		5230	30.00	30.00	100.00	0.00	0.03
11AC80SISO	Ant1	5210	30.00	30.00	100.00	0.00	0.03

Test Graphs

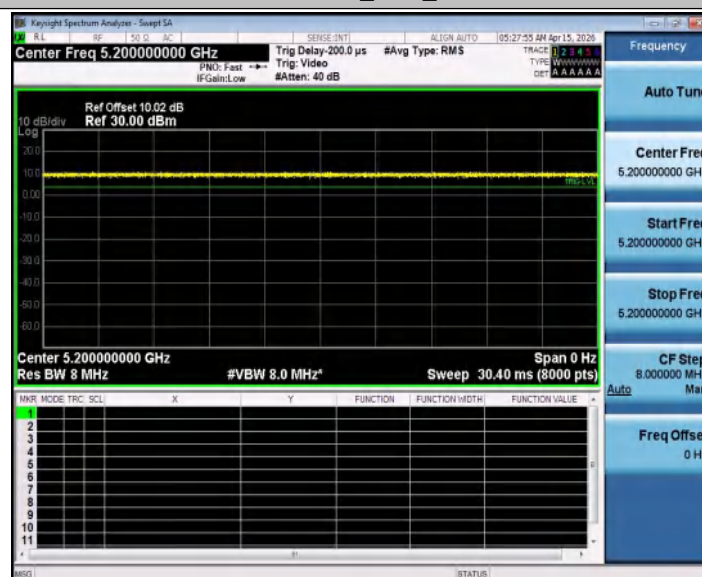




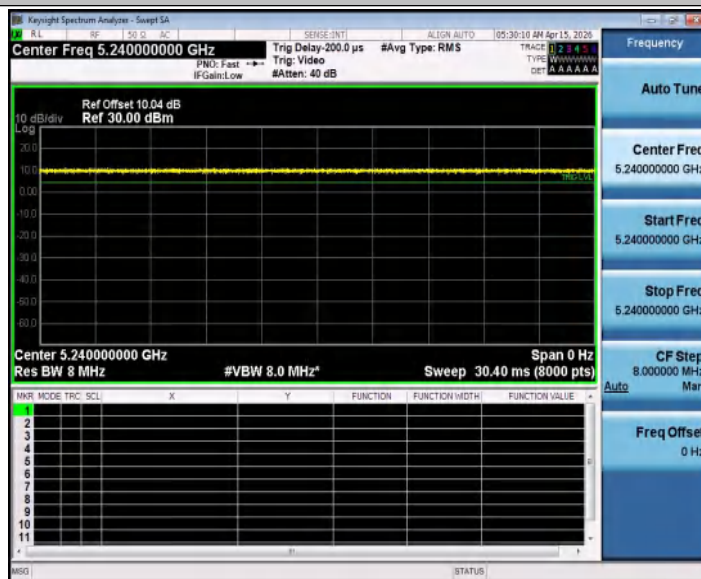
11N20SISO_Ant1_5180



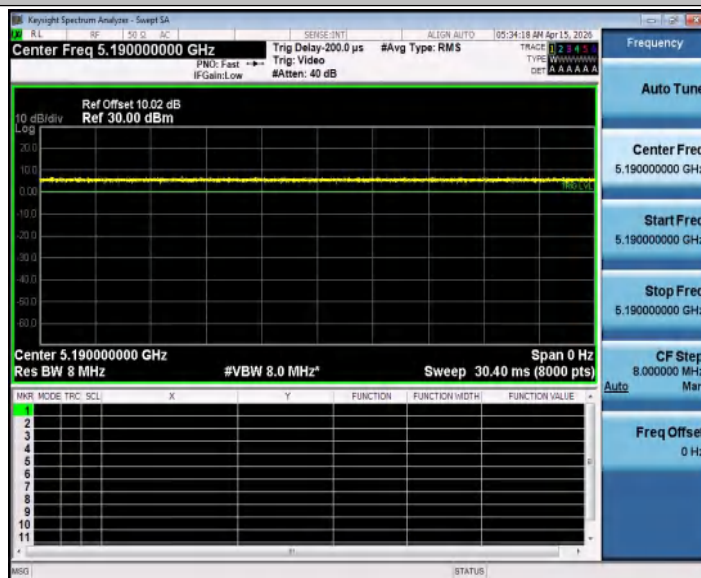
11N20SISO_Ant1_5200



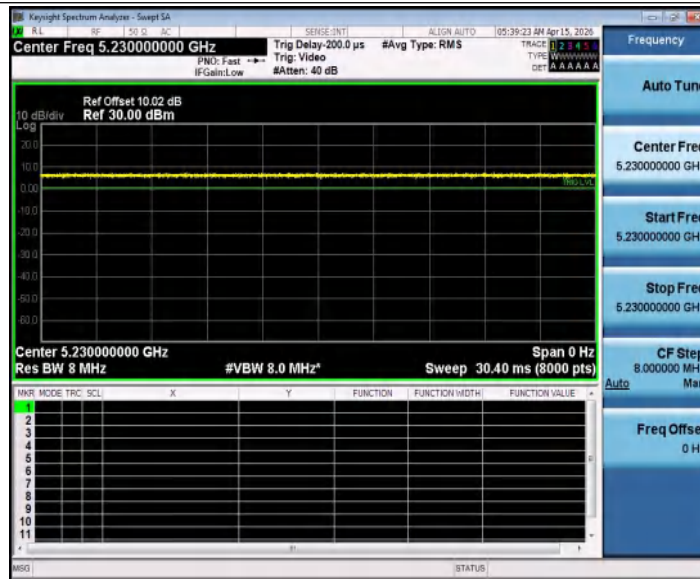
11N20SISO_Ant1_5240



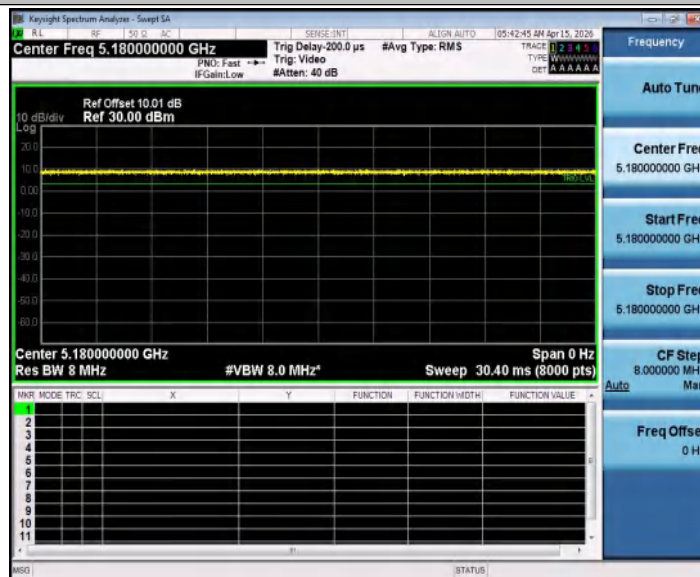
11N40SISO_Ant1_5190



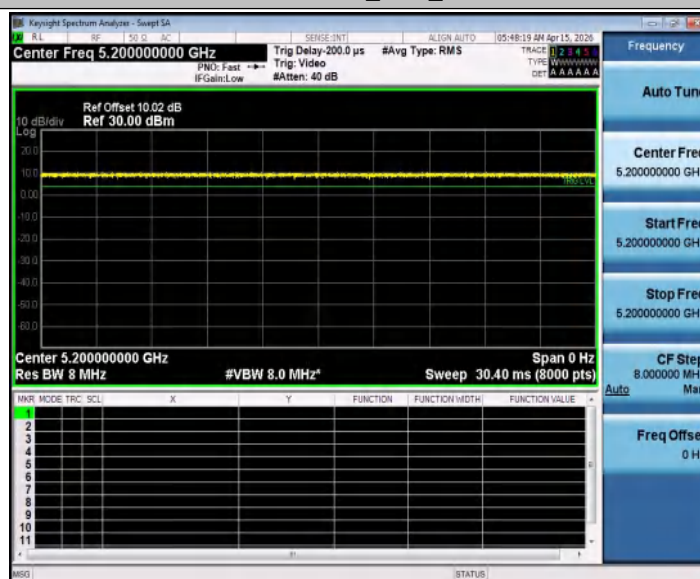
11N40SISO_Ant1_5230



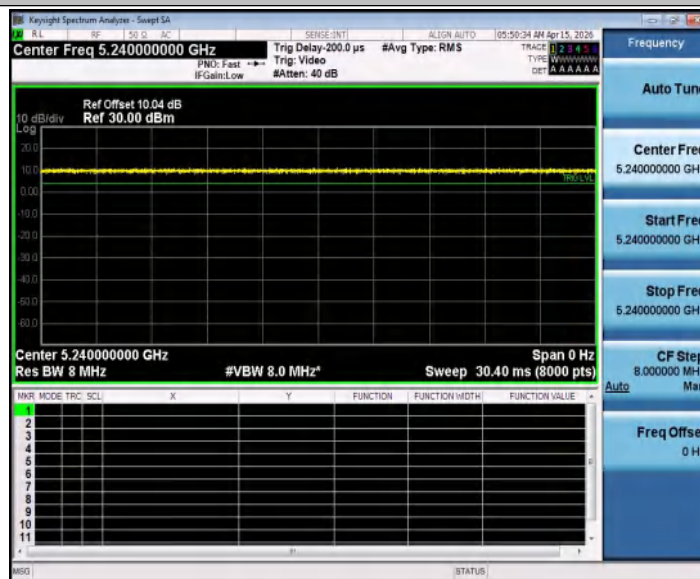
11AC20SISO_Ant1_5180



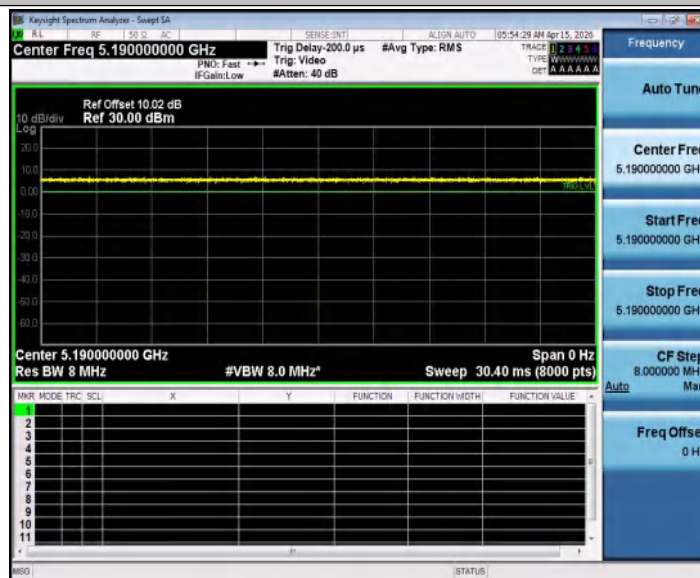
11AC20SISO_Ant1_5200



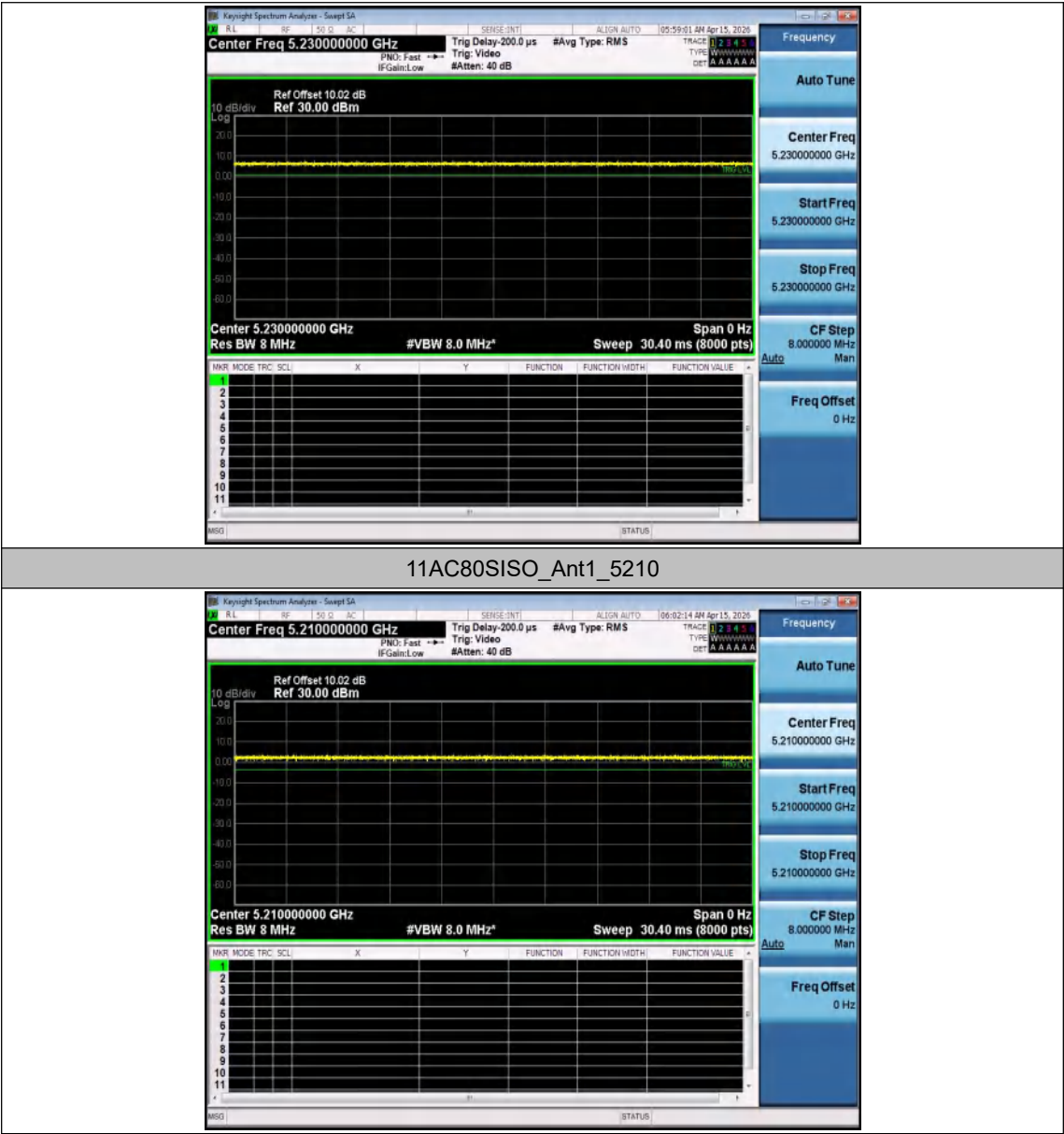
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_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	Ant1	5180	12.49	100.00	0.00	12.49	≤23.98	PASS
		5200	13.00	100.00	0.00	13.00	≤23.98	PASS
		5240	13.36	100.00	0.00	13.36	≤23.98	PASS
11N20SISO	Ant1	5180	12.15	100.00	0.00	12.15	≤23.98	PASS
		5200	12.90	100.00	0.00	12.90	≤23.98	PASS
		5240	13.31	100.00	0.00	13.31	≤23.98	PASS
11N40SISO	Ant1	5190	12.05	100.00	0.00	12.05	≤23.98	PASS
		5230	12.66	100.00	0.00	12.66	≤23.98	PASS
11AC20SISO	Ant1	5180	12.43	100.00	0.00	12.43	≤23.98	PASS
		5200	12.81	100.00	0.00	12.81	≤23.98	PASS
		5240	13.28	100.00	0.00	13.28	≤23.98	PASS
11AC40SISO	Ant1	5190	12.08	100.00	0.00	12.08	≤23.98	PASS
		5230	12.65	100.00	0.00	12.65	≤23.98	PASS
11AC80SISO	Ant1	5210	11.90	100.00	0.00	11.90	≤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

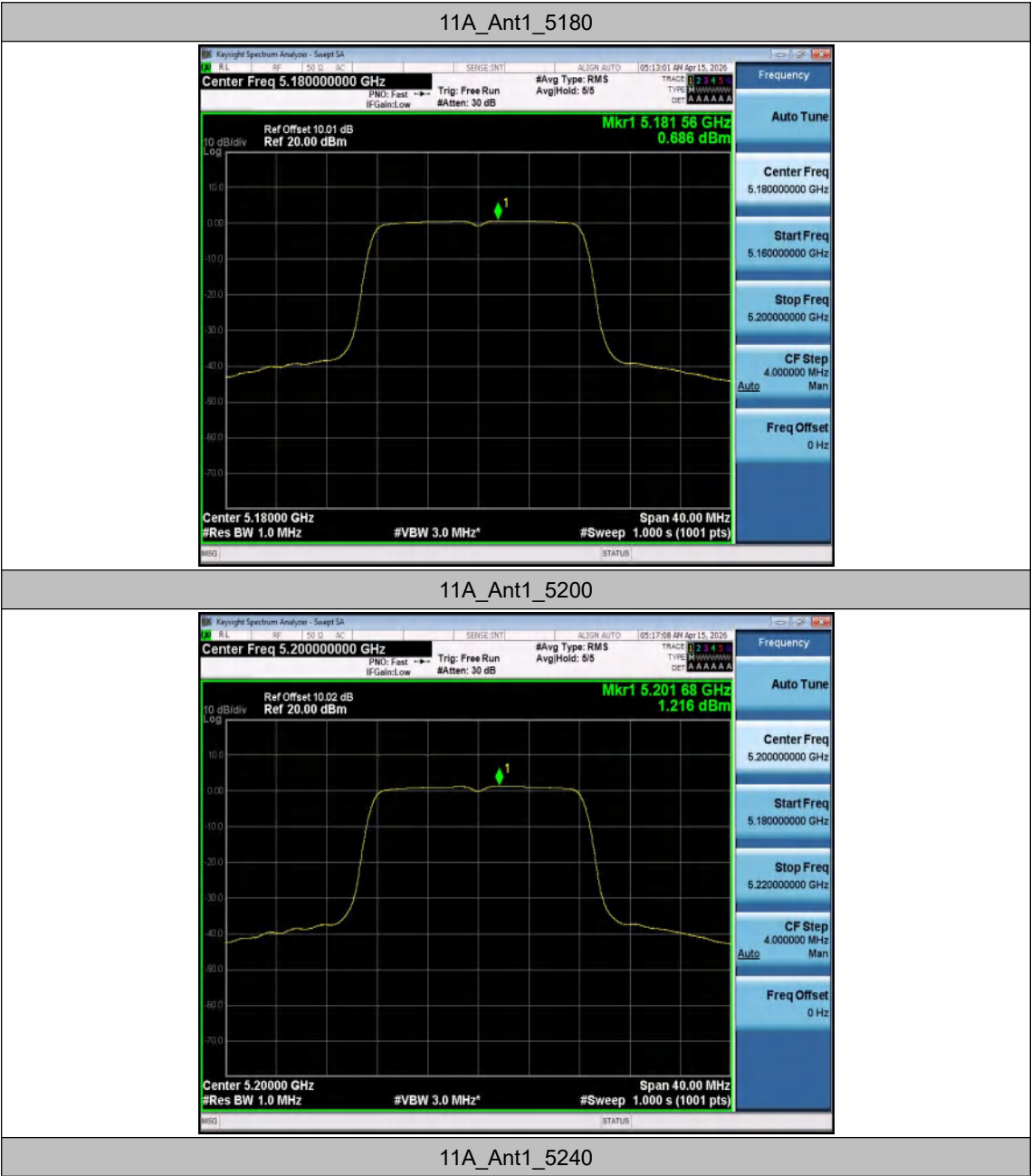
Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	0.69	≤11.00	PASS
		5200	1.22	≤11.00	PASS
		5240	1.63	≤11.00	PASS
11N20SISO	Ant1	5180	0.09	≤11.00	PASS
		5200	0.86	≤11.00	PASS
		5240	1.25	≤11.00	PASS
11N40SISO	Ant1	5190	-2.41	≤11.00	PASS
		5230	-1.79	≤11.00	PASS
11AC20SISO	Ant1	5180	0.30	≤11.00	PASS
		5200	0.74	≤11.00	PASS
		5240	1.26	≤11.00	PASS
11AC40SISO	Ant1	5190	-2.38	≤11.00	PASS
		5230	-1.81	≤11.00	PASS
11AC80SISO	Ant1	5210	-5.27	≤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





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



11AC80SISO_Ant1_5210



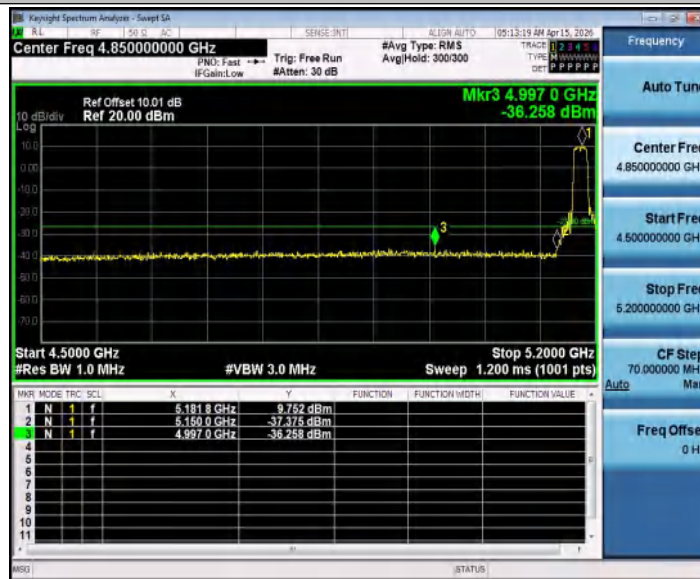
Appendix D.6: Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-36.26	≤ -27	PASS
		High	5240	-37.46	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-37.42	≤ -27	PASS
		High	5240	-36.79	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-34.09	≤ -27	PASS
		High	5230	-36.48	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-36.82	≤ -27	PASS
		High	5240	-37.01	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-34.63	≤ -27	PASS
		High	5230	-36.82	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-33.9	≤ -27	PASS
		High	5210	-37.14	≤ -27	PASS

Test Graphs

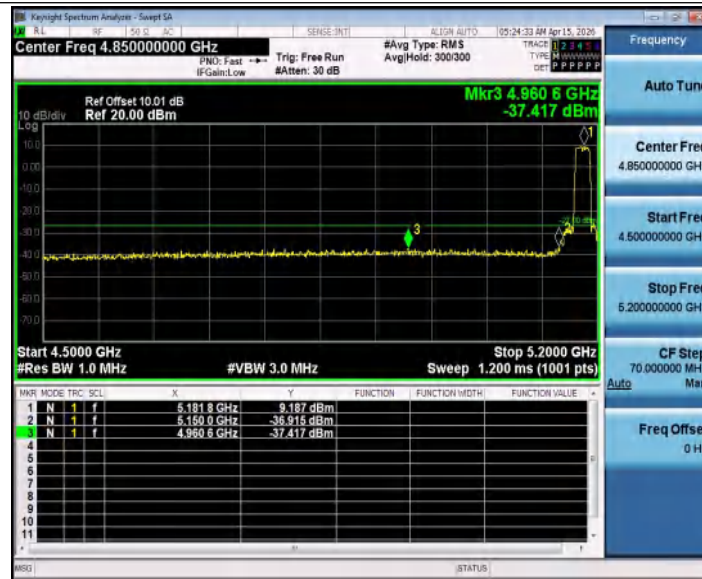
11A_Ant1_Low_5180



11A_Ant1_High_5240



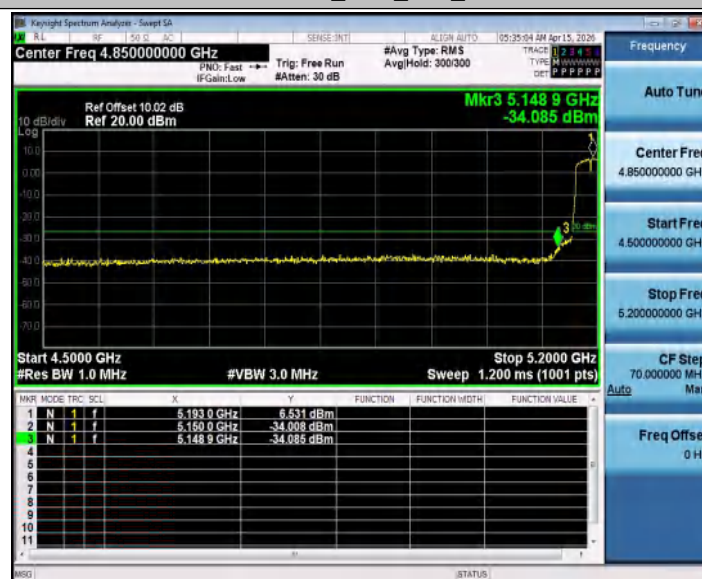
11N20SISO_Ant1_Low_5180



11N20SISO_Ant1_High_5240



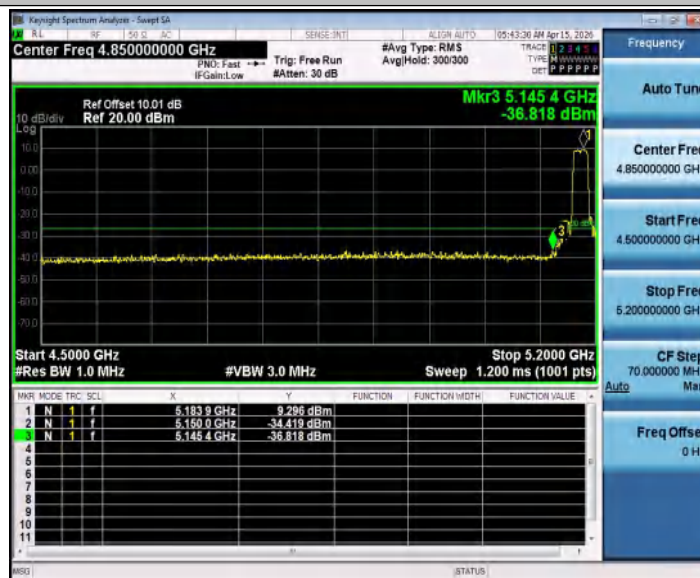
11N40SISO_Ant1_Low_5190



11N40SISO_Ant1_High_5230



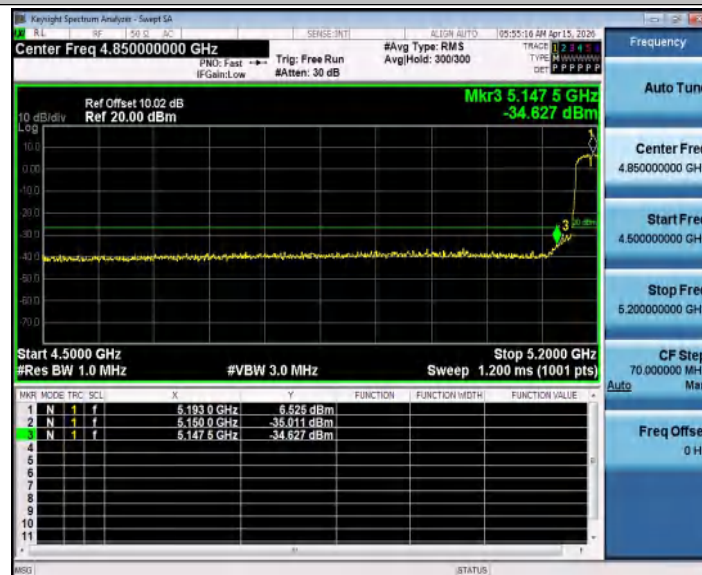
11AC20SISO_Ant1_Low_5180



11AC20SISO_Ant1_High_5240



11AC40SISO_Ant1_Low_5190



11AC40SISO_Ant1_High_5230



11AC80SISO_Ant1_Low_5210



11AC80SISO_Ant1_High_5210



Appendix D.7: Conducted Spurious Emission

Test Result

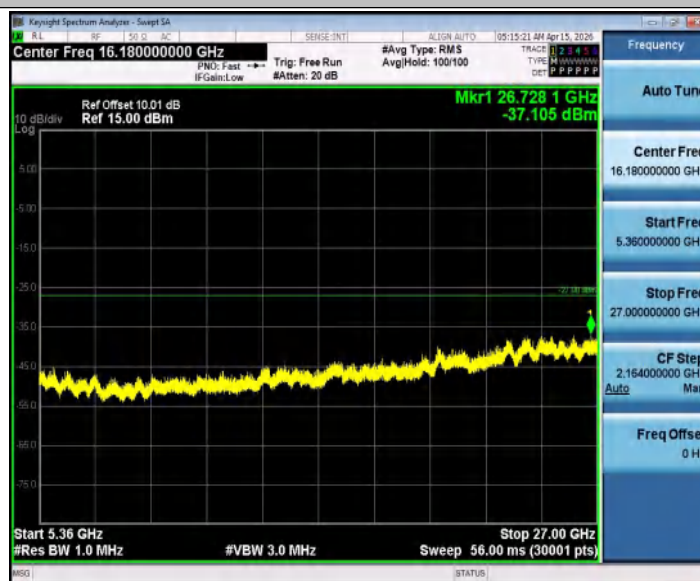
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	120.28	-41.74	≤-27	PASS
			5360~27000	26728.06	-37.11	≤-27	PASS
		5200	30~5140	120.28	-42.06	≤-27	PASS
			5360~27000	24980.27	-37.11	≤-27	PASS
		5240	30~5140	120.28	-42.32	≤-27	PASS
			5360~27000	24246.67	-36.84	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	120.11	-42.19	≤-27	PASS
			5360~27000	24988.2	-37.21	≤-27	PASS
		5200	30~5140	2436.13	-40.34	≤-27	PASS
			5360~27000	23540.49	-37.13	≤-27	PASS
		5240	30~5140	2436.98	-40.78	≤-27	PASS
			5360~27000	24768.92	-36.74	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	30	-34.55	≤-27	PASS
			5360~27000	26056.5	-37.36	≤-27	PASS
		5230	30~5140	30.68	-32.85	≤-27	PASS
			5360~27000	24876.39	-36.34	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	120.11	-41.81	≤-27	PASS
			5360~27000	26521.76	-37.07	≤-27	PASS
		5200	30~5140	2436.13	-41.73	≤-27	PASS
			5360~27000	25638.84	-36.77	≤-27	PASS
		5240	30~5140	120.11	-42.58	≤-27	PASS
			5360~27000	24242.34	-36.65	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	31.19	-34.82	≤-27	PASS
			5360~27000	24286.34	-36.75	≤-27	PASS
		5230	30~5140	30.68	-33.59	≤-27	PASS
			5360~27000	24269.75	-37.1	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	43.63	-27.66	≤-27	PASS
			5360~27000	23538.32	-37.1	≤-27	PASS

Test Graphs

11A_Ant1_5180_30~5140



11A_Ant1_5180_5360~27000



11A_Ant1_5200_30~5140

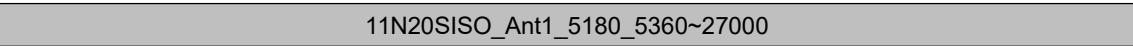
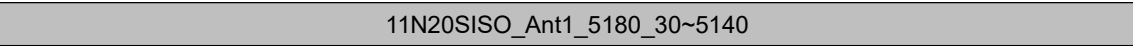


11A_Ant1_5200_5360~27000



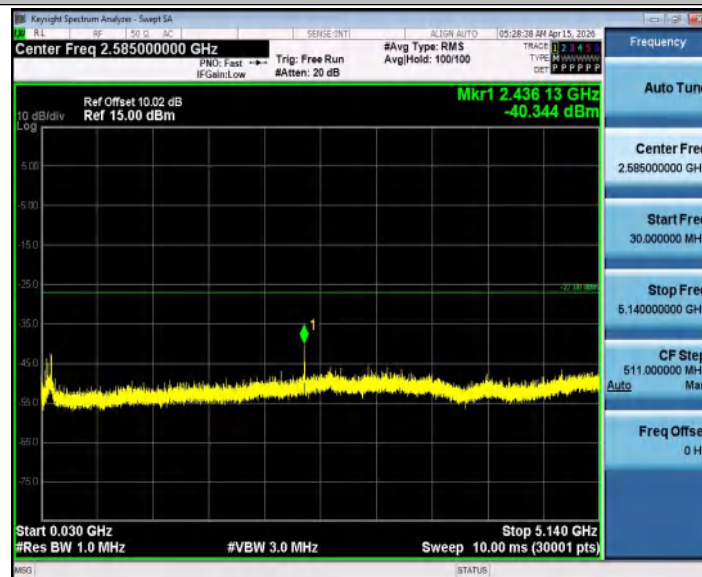
11A_Ant1_5240_30~5140







11N20SISO_Ant1_5200_30~5140



11N20SISO_Ant1_5200_5360~27000



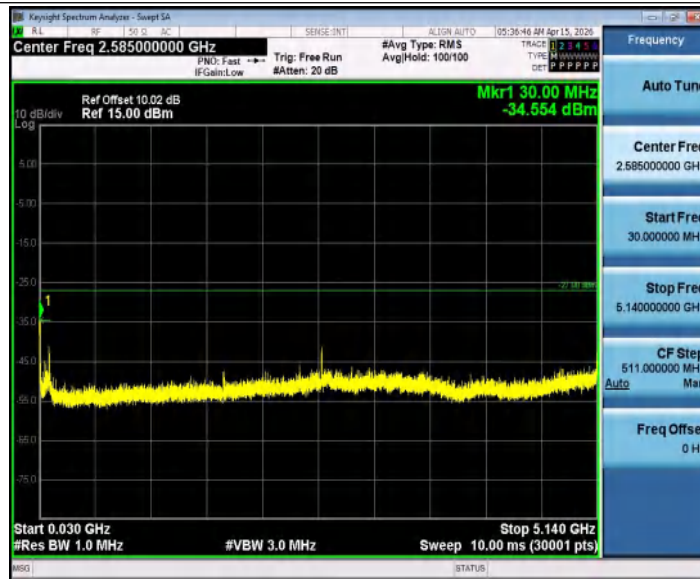
11N20SISO_Ant1_5240_30~5140



11N20SISO_Ant1_5240_5360~27000



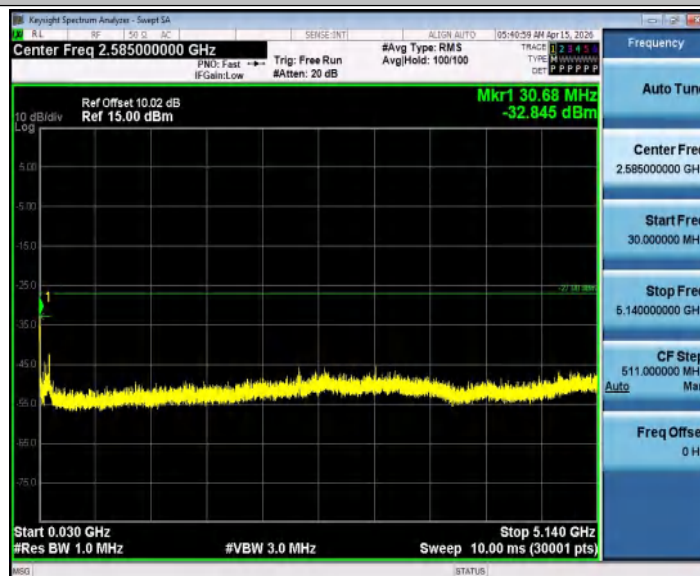
11N40SISO_Ant1_5190_30~5140



11N40SISO_Ant1_5190_5360~27000

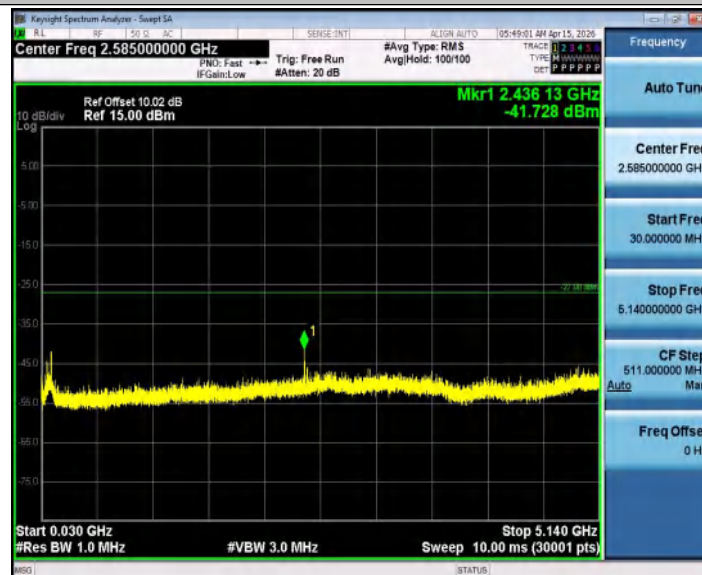


11N40SISO_Ant1_5230_30~5140





11AC20SISO_Ant1_5200_30~5140



11AC20SISO_Ant1_5200_5360~27000



11AC20SISO_Ant1_5240_30~5140



11AC20SISO_Ant1_5240_5360~27000



11AC40SISO_Ant1_5190_30~5140



11AC40SISO_Ant1_5190_5360~27000



11AC40SISO_Ant1_5230_30~5140



11AC40SISO_Ant1_5230_5360~27000



11AC80SISO_Ant1_5210_30~5140



11AC80SISO_Ant1_5210_5360~27000

