

Case No. : <u>GTS20260718003-1-04</u>
Ambient Condition: <u>23</u> °C, <u>53</u> %RH
According Standard: ■Part15E
Test Date: <u>2026.7.24-2026.8.12</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	Ant2	5180	20.320	5169.720	5190.040	---	---
		5200	20.440	5189.680	5210.120	---	---
		5240	20.840	5229.600	5250.440	---	---
11N20SISO	Ant2	5180	21.320	5169.400	5190.720	---	---
		5200	21.480	5189.280	5210.760	---	---
		5240	21.680	5229.080	5250.760	---	---
11N40SISO	Ant2	5190	41.920	5168.880	5210.800	---	---
		5230	42.080	5208.800	5250.880	---	---
11AC20SISO	Ant2	5180	21.320	5169.400	5190.720	---	---
		5200	21.560	5189.200	5210.760	---	---
		5240	21.640	5229.080	5250.720	---	---
11AC40SISO	Ant2	5190	41.360	5169.360	5210.720	---	---
		5230	41.920	5208.800	5250.720	---	---
11AC80SISO	Ant2	5210	82.880	5169.360	5252.240	---	---

Test Graphs

11A_Ant2_5180



11A_Ant2_5200



11A_Ant2_5240



11N20SISO_Ant2_5180



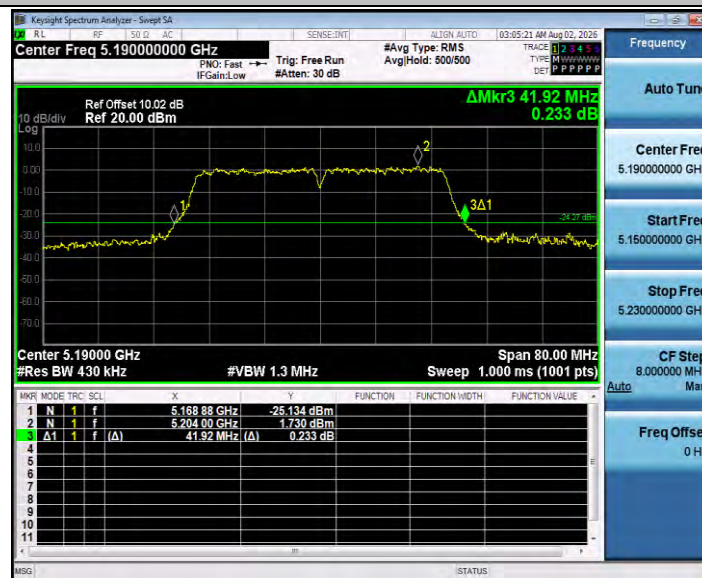
11N20SISO_Ant2_5200



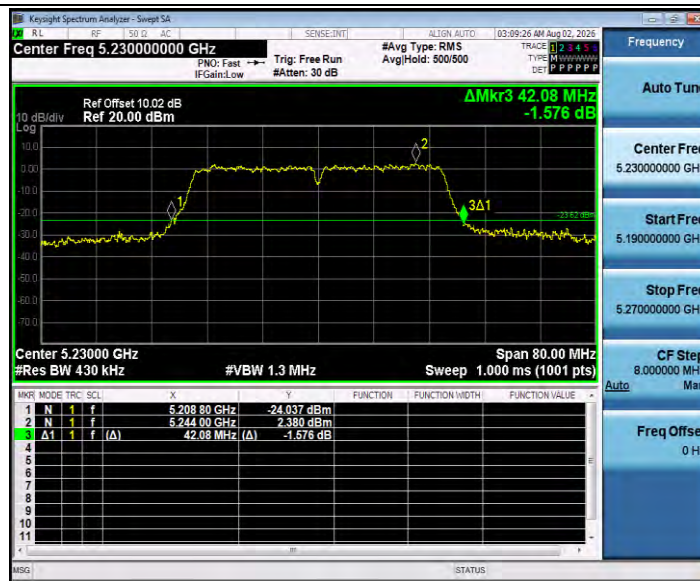
11N20SISO_Ant2_5240



11N40SISO_Ant2_5190



11N40SISO_Ant2_5230



11AC20SISO_Ant2_5180



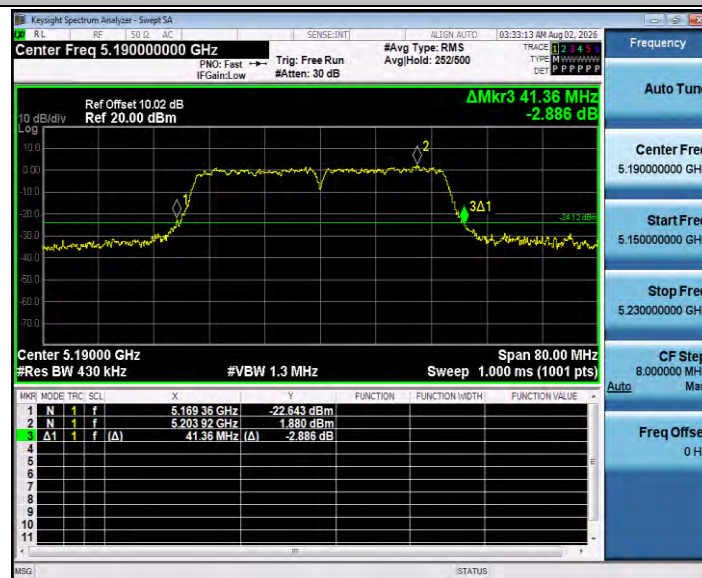
11AC20SISO_Ant2_5200



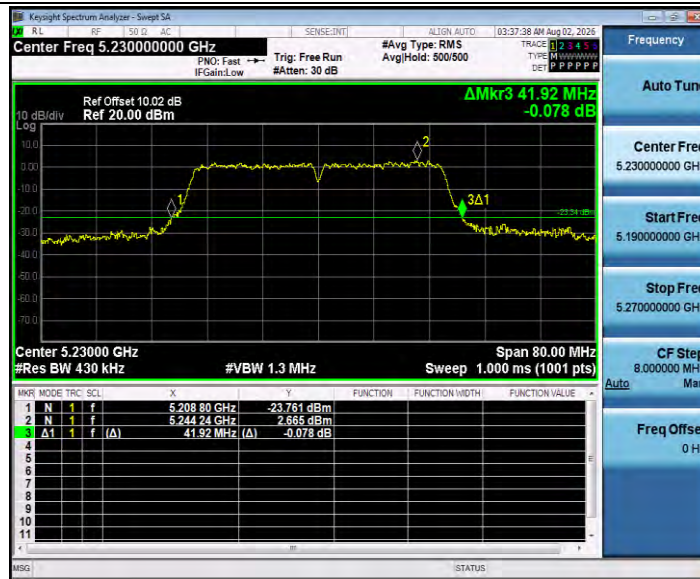
11AC20SISO_Ant2_5240



11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



11AC80SISO_Ant2_5210



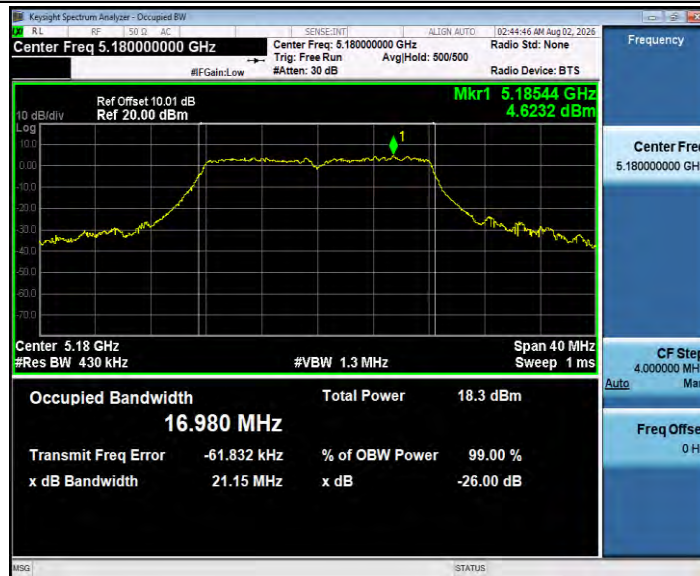
AppendixD.2: Occupied channel bandwidth

Test Result

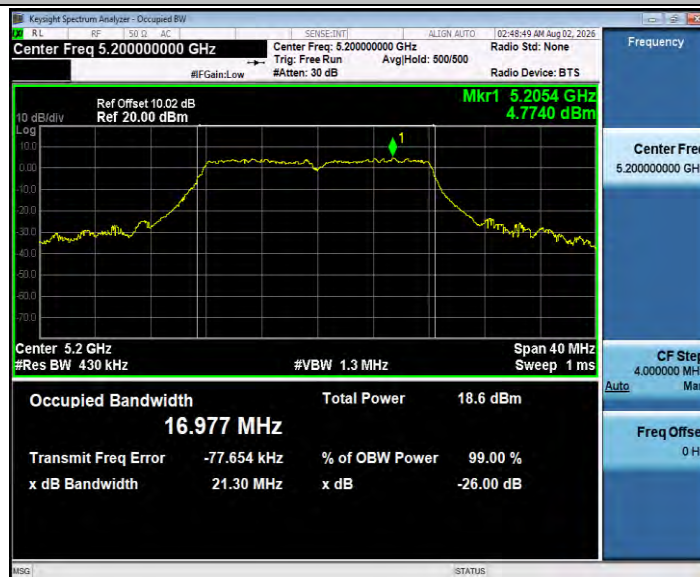
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	16.980	5171.4482	5188.4282	---	---
		5200	16.977	5191.4339	5208.4109	---	---
		5240	17.029	5231.4010	5248.4300	---	---
11N20SISO	Ant2	5180	17.915	5171.0494	5188.9644	---	---
		5200	17.946	5190.9909	5208.9369	---	---
		5240	17.965	5230.9911	5248.9561	---	---
11N40SISO	Ant2	5190	36.592	5171.8207	5208.4127	---	---
		5230	36.691	5211.7612	5248.4522	---	---
11AC20SISO	Ant2	5180	17.967	5171.0152	5188.9822	---	---
		5200	17.972	5190.9800	5208.9520	---	---
		5240	17.970	5230.9960	5248.9660	---	---
11AC40SISO	Ant2	5190	36.613	5171.7841	5208.3971	---	---
		5230	36.692	5211.7325	5248.4245	---	---
11AC80SISO	Ant2	5210	75.742	5172.4129	5248.1549	---	---

Test Graphs

11A_Ant2_5180



11A_Ant2_5200



11A_Ant2_5240



11N20SISO_Ant2_5180



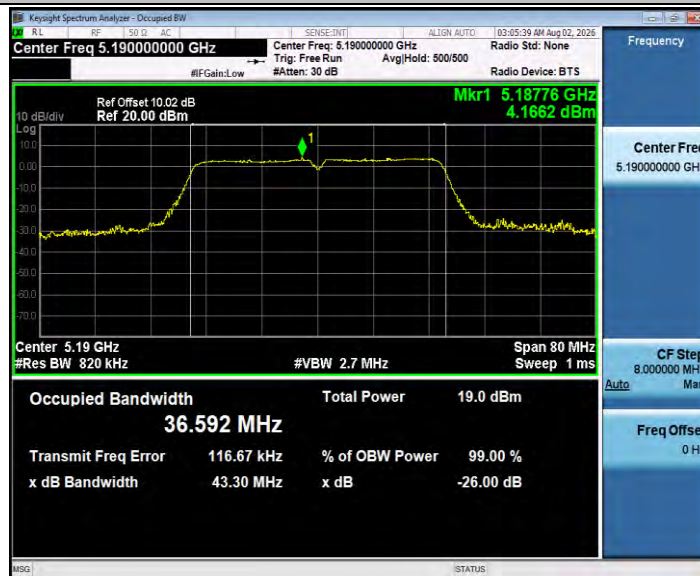
11N20SISO_Ant2_5200



11N20SISO_Ant2_5240



11N40SISO_Ant2_5190



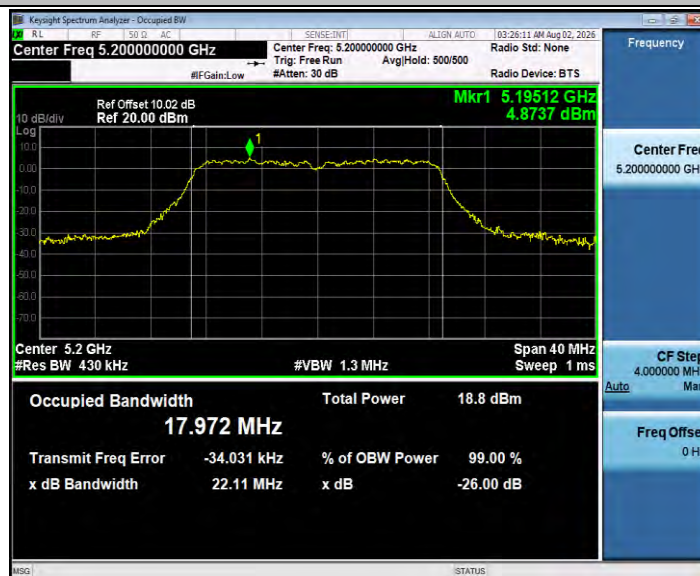
11N40SISO_Ant2_5230



11AC20SISO_Ant2_5180



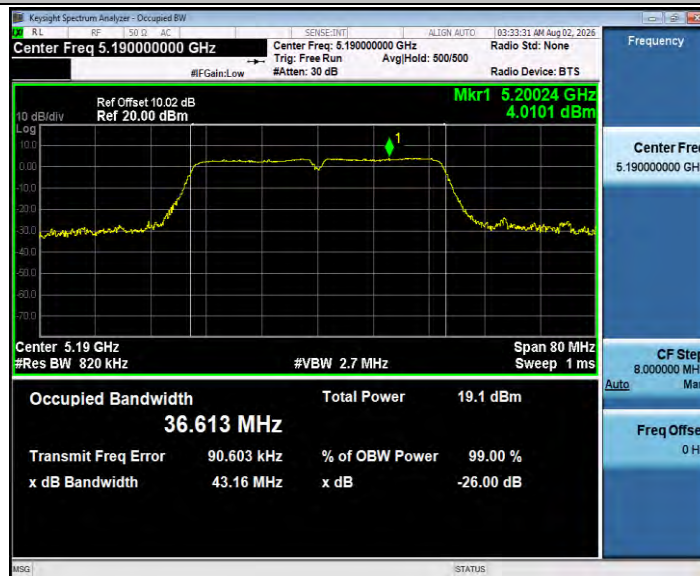
11AC20SISO_Ant2_5200



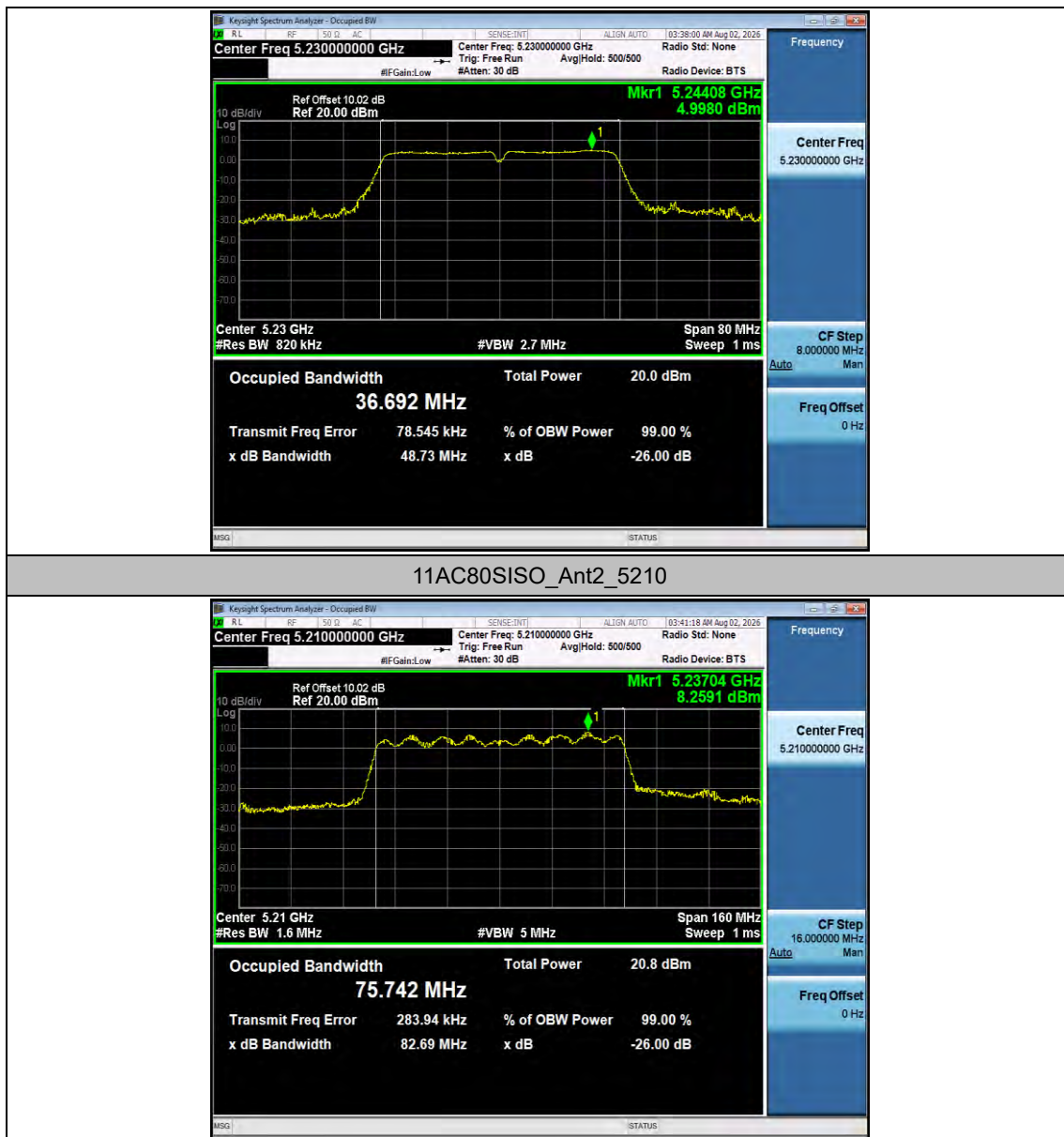
11AC20SISO_Ant2_5240



11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



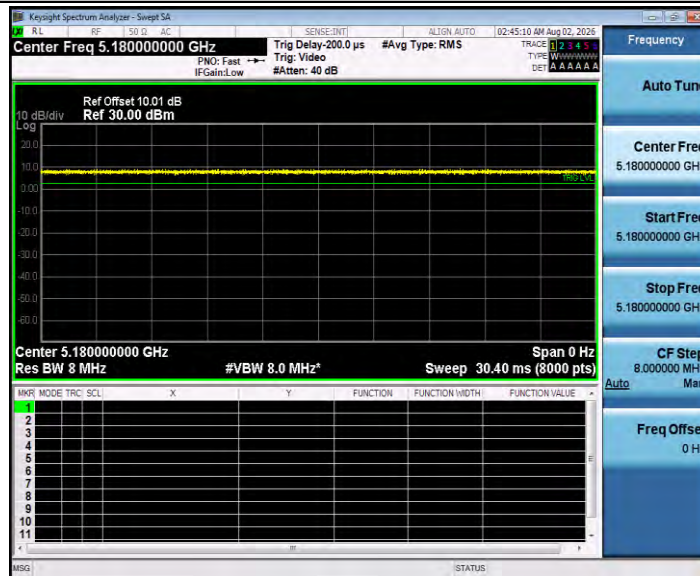
AppendixD.3: Duty Cycle

Test Result

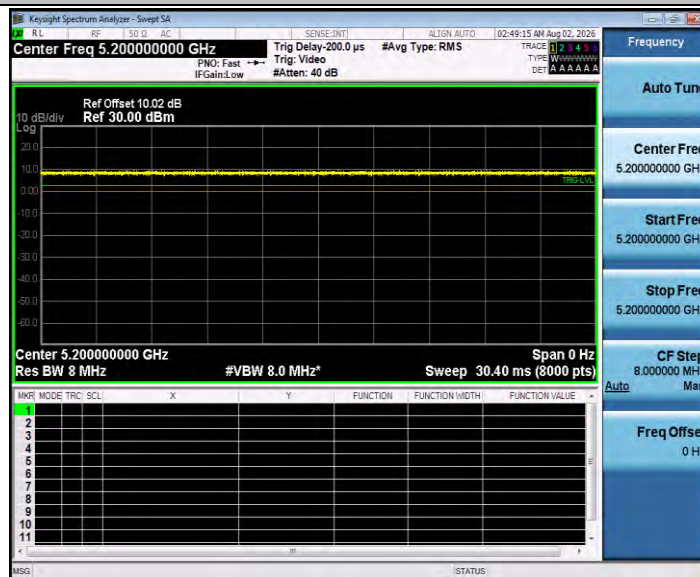
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant2	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant2	5180	30.00	30.00	100.00	0.00	0.03
		5200	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

Test Graphs

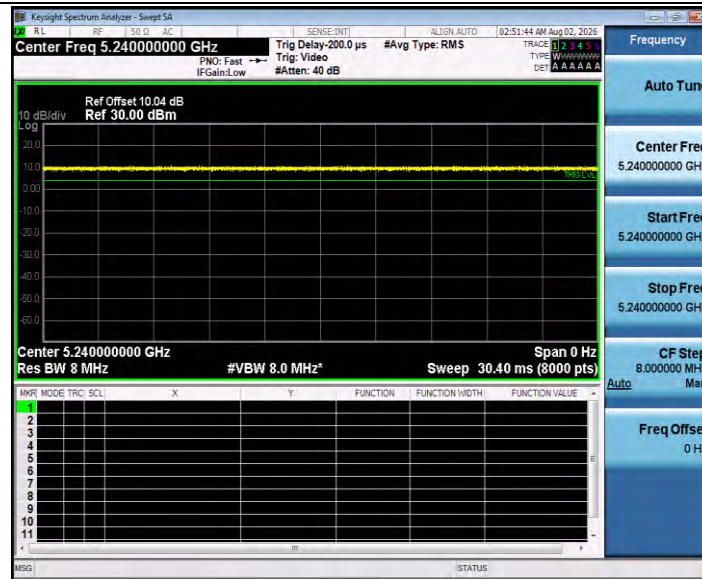
11A_Ant2_5180



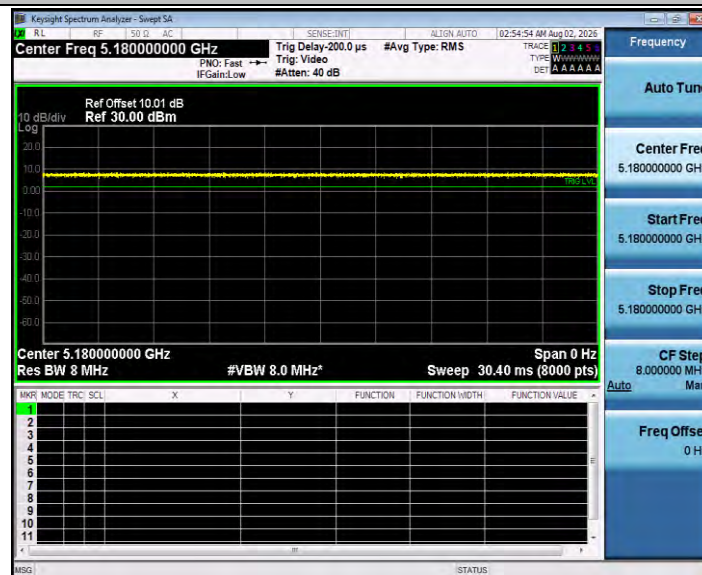
11A_Ant2_5200



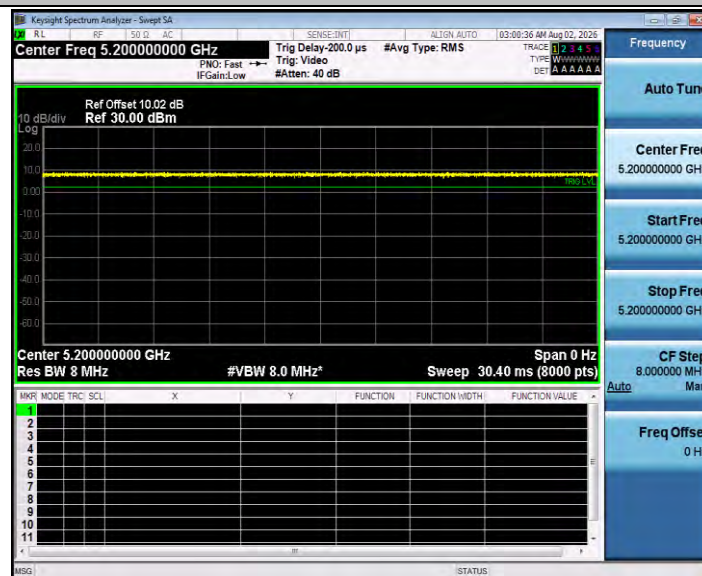
11A_Ant2_5240



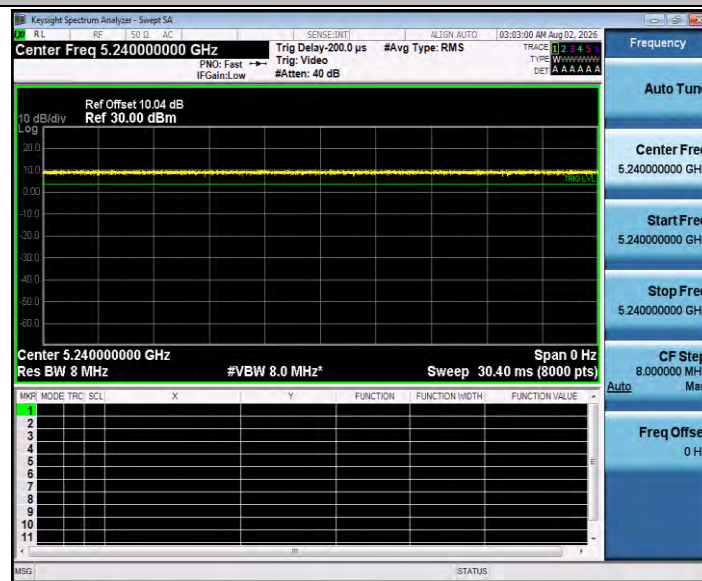
11N20SISO_Ant2_5180



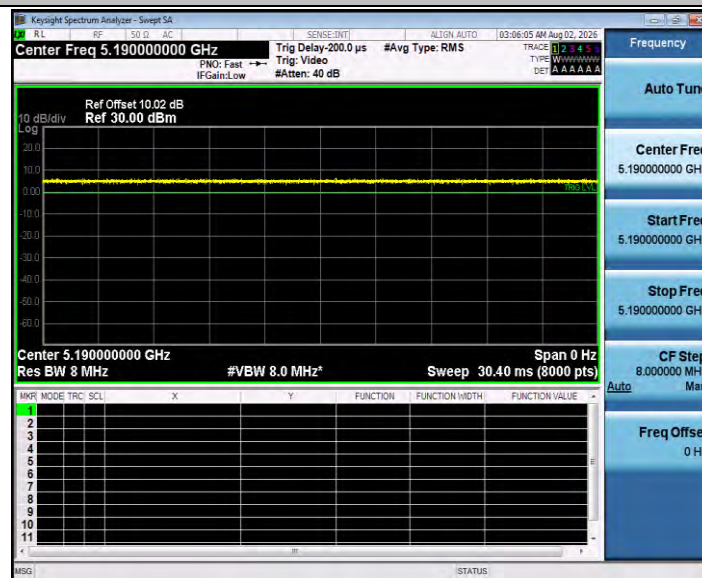
11N20SISO_Ant2_5200



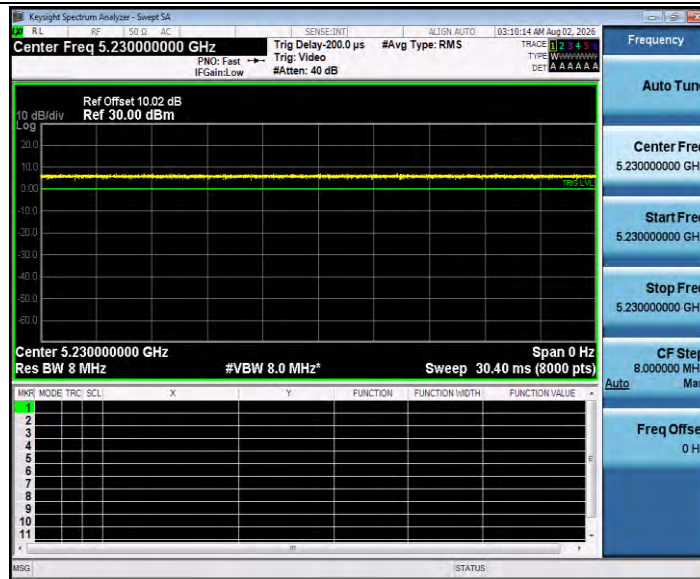
11N20SISO_Ant2_5240



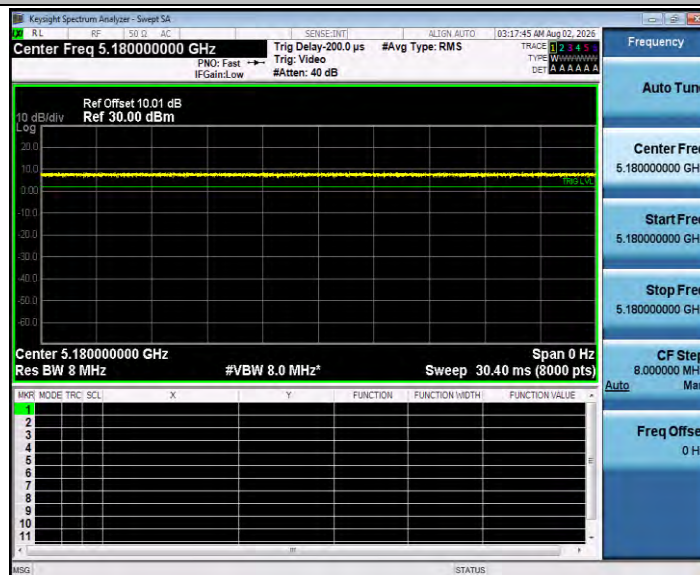
11N40SISO_Ant2_5190



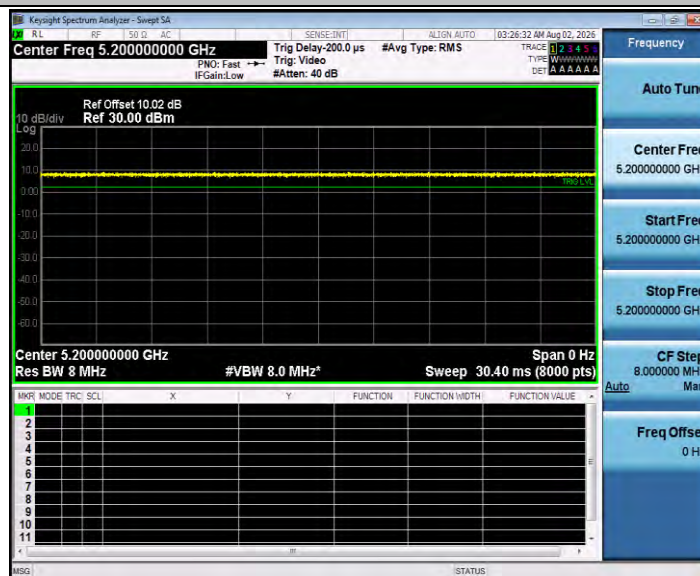
11N40SISO_Ant2_5230



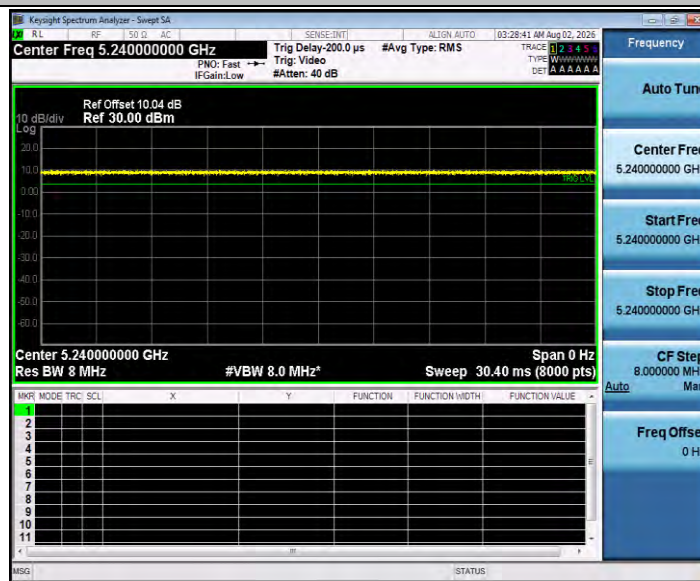
11AC20SISO_Ant2_5180



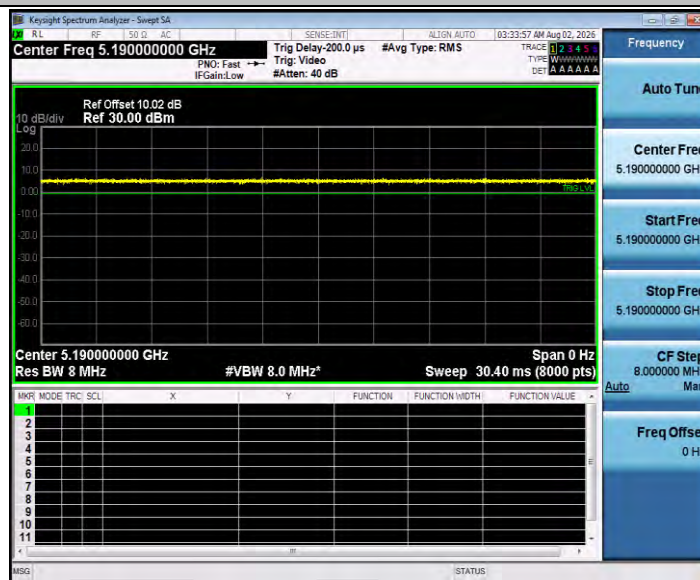
11AC20SISO_Ant2_5200



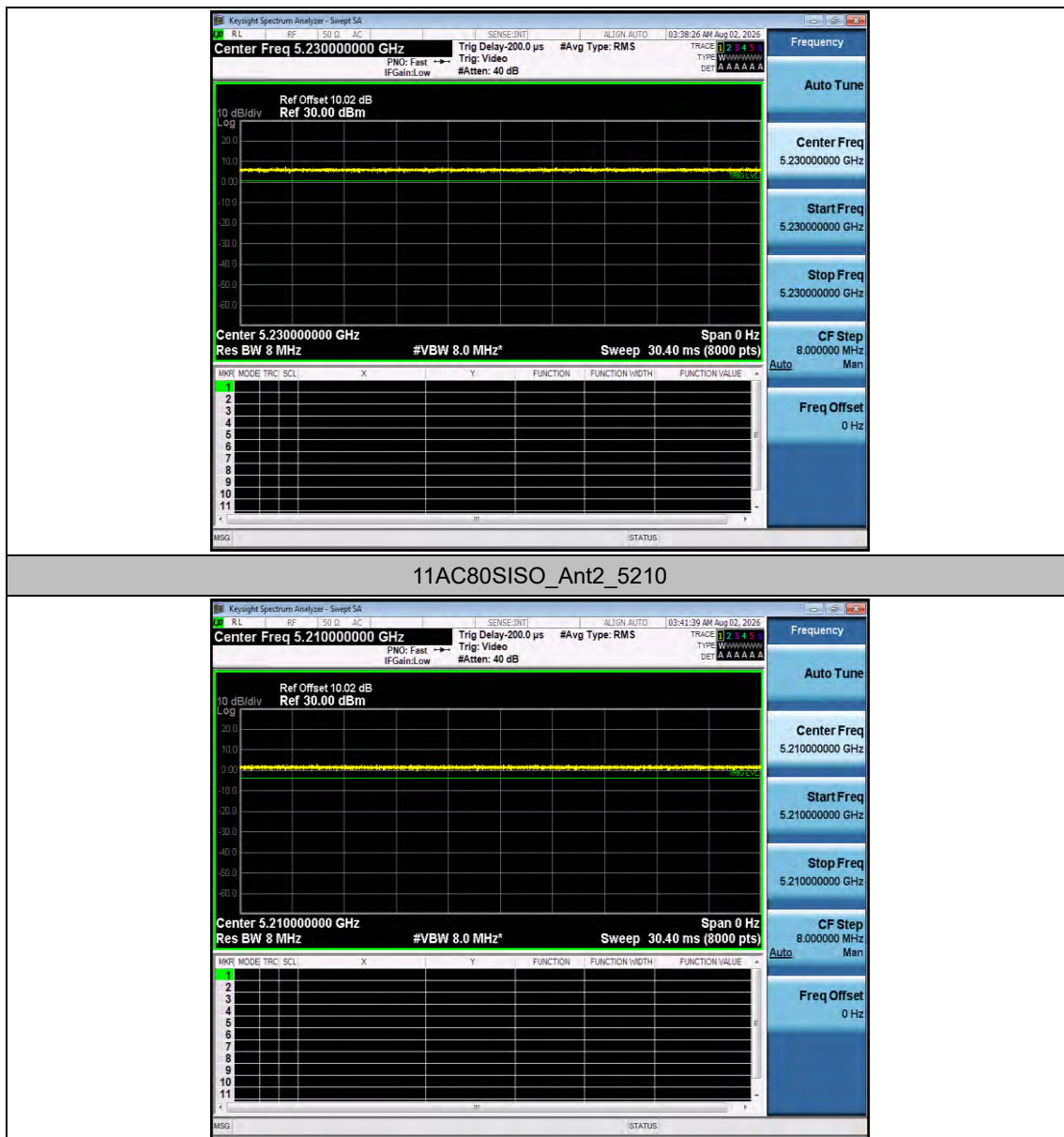
11AC20SISO_Ant2_5240



11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



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	Ant2	5180	11.79	100.00	0.00	11.79	≤23.98	PASS
		5200	12.15	100.00	0.00	12.15	≤23.98	PASS
		5240	12.98	100.00	0.00	12.98	≤23.98	PASS
11N20SISO	Ant2	5180	11.42	100.00	0.00	11.42	≤23.98	PASS
		5200	11.99	100.00	0.00	11.99	≤23.98	PASS
		5240	12.87	100.00	0.00	12.87	≤23.98	PASS
11N40SISO	Ant2	5190	11.77	100.00	0.00	11.77	≤23.98	PASS
		5230	12.66	100.00	0.00	12.66	≤23.98	PASS
11AC20SISO	Ant2	5180	11.74	100.00	0.00	11.74	≤23.98	PASS
		5200	12.16	100.00	0.00	12.16	≤23.98	PASS
		5240	13.09	100.00	0.00	13.09	≤23.98	PASS
11AC40SISO	Ant2	5190	11.97	100.00	0.00	11.97	≤23.98	PASS
		5230	12.88	100.00	0.00	12.88	≤23.98	PASS
11AC80SISO	Ant2	5210	12.02	100.00	0.00	12.02	≤23.98	PASS

AppendixD.5: Maximum power spectral density

Test Result

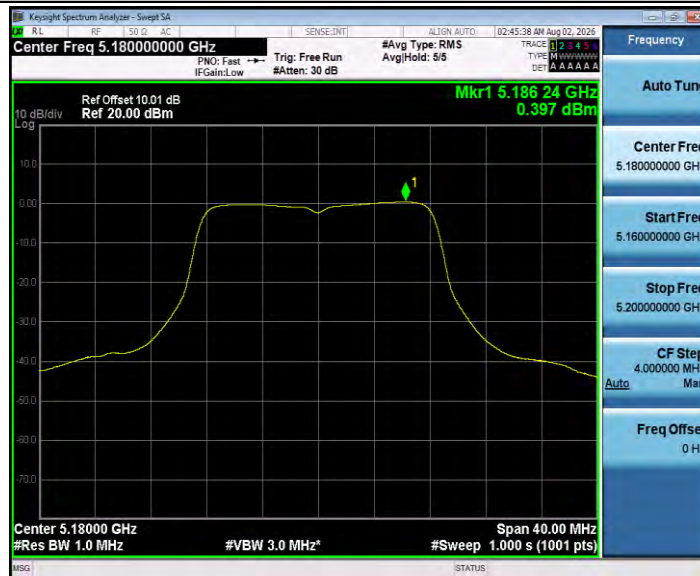
TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5180	0.40	≤11.00	PASS
		5200	0.66	≤11.00	PASS
		5240	1.61	≤11.00	PASS
11N20SISO	Ant2	5180	-0.17	≤11.00	PASS
		5200	0.31	≤11.00	PASS
		5240	1.27	≤11.00	PASS
11N40SISO	Ant2	5190	-2.65	≤11.00	PASS
		5230	-1.76	≤11.00	PASS
11AC20SISO	Ant2	5180	0.08	≤11.00	PASS
		5200	0.37	≤11.00	PASS
		5240	1.33	≤11.00	PASS
11AC40SISO	Ant2	5190	-2.48	≤11.00	PASS
		5230	-1.57	≤11.00	PASS
11AC80SISO	Ant2	5210	-3.77	≤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



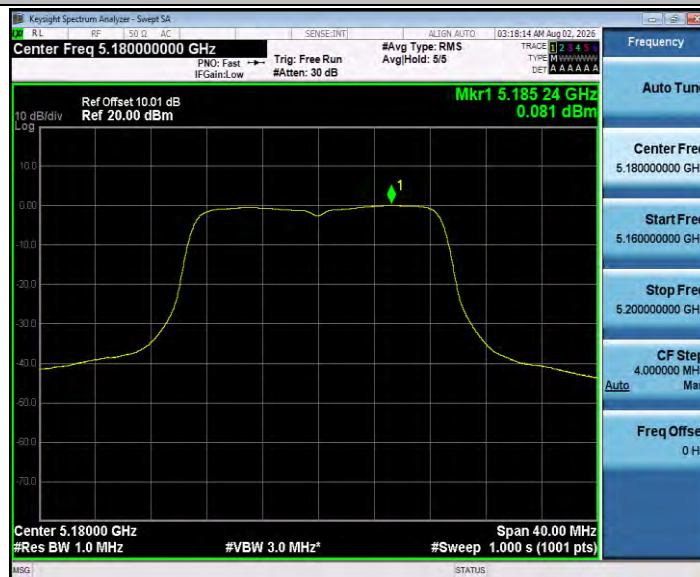
11N40SISO_Ant2_5190



11N40SISO_Ant2_5230



11AC20SISO_Ant2_5180



11AC20SISO_Ant2_5200



11AC20SISO_Ant2_5240



11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230

