

Case No. : <u>GTS20260718003-1-04</u>
Ambient Condition: <u>22</u> °C, <u>48</u> %RH
According Standard: <u>■Part15E</u>
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	Ant1	5180	20.600	5169.680	5190.280	---	---
		5200	20.440	5189.760	5210.200	---	---
		5240	20.560	5229.640	5250.200	---	---
11N20SISO	Ant1	5180	22.160	5168.760	5190.920	---	---
		5200	21.200	5189.240	5210.440	---	---
		5240	21.440	5229.320	5250.760	---	---
11N40SISO	Ant1	5190	41.760	5169.120	5210.880	---	---
		5230	41.760	5208.960	5250.720	---	---
11AC20SISO	Ant1	5180	21.400	5169.240	5190.640	---	---
		5200	21.280	5189.240	5210.520	---	---
		5240	21.200	5229.400	5250.600	---	---
11AC40SISO	Ant1	5190	42.080	5168.800	5210.880	---	---
		5230	42.000	5208.880	5250.880	---	---
11AC80SISO	Ant1	5210	82.400	5169.040	5251.440	---	---

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



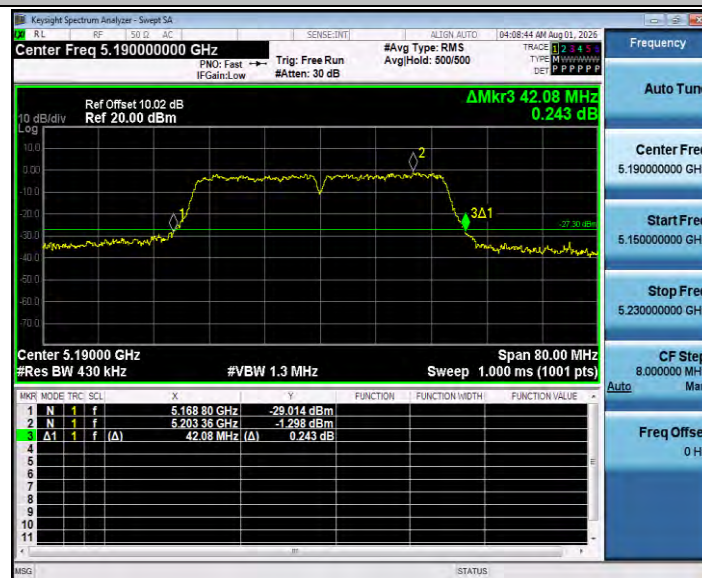
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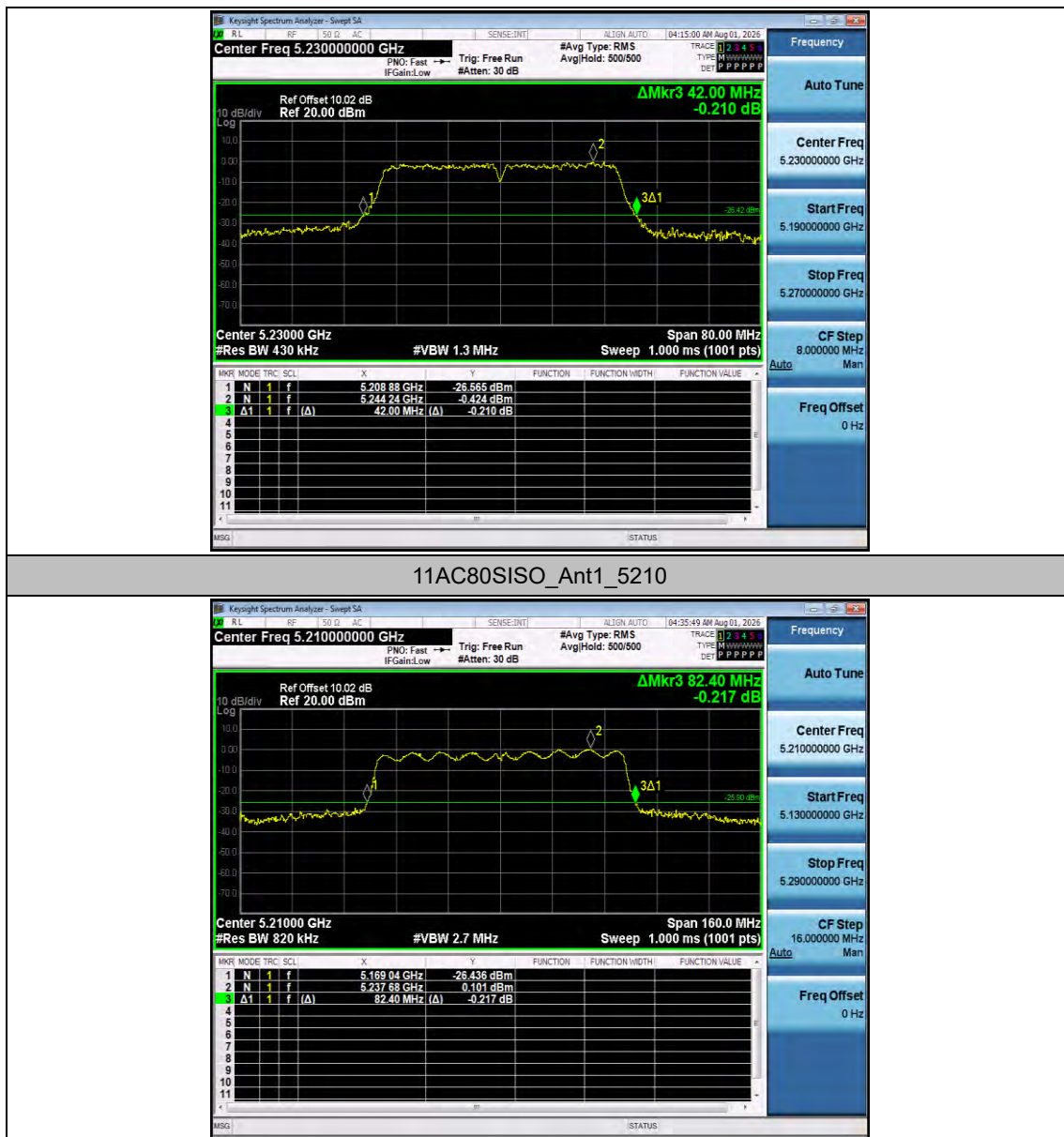
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



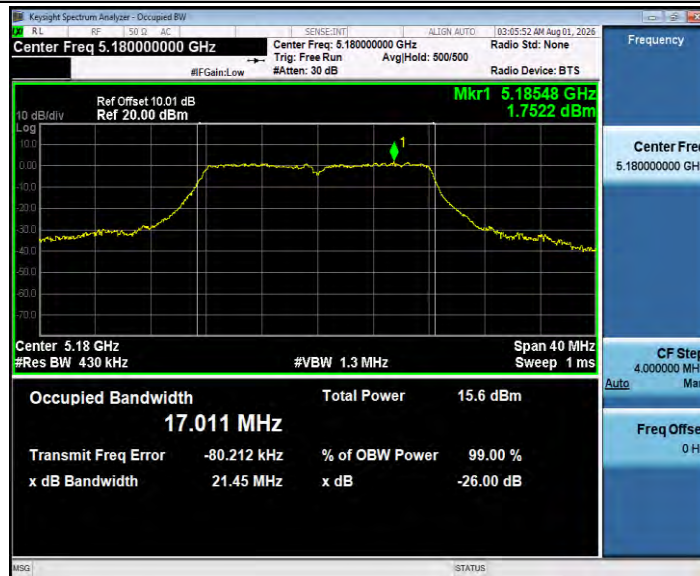
AppendixD.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.011	5171.4143	5188.4253	---	---
		5200	16.992	5191.4146	5208.4066	---	---
		5240	17.008	5231.4045	5248.4125	---	---
11N20SISO	Ant1	5180	18.029	5170.9567	5188.9857	---	---
		5200	17.920	5191.0112	5208.9312	---	---
		5240	17.986	5230.9781	5248.9641	---	---
11N40SISO	Ant1	5190	36.462	5171.8451	5208.3071	---	---
		5230	36.497	5211.7758	5248.2728	---	---
11AC20SISO	Ant1	5180	18.013	5170.9635	5188.9765	---	---
		5200	17.996	5190.9804	5208.9764	---	---
		5240	17.996	5230.9722	5248.9682	---	---
11AC40SISO	Ant1	5190	36.637	5171.7631	5208.4001	---	---
		5230	36.718	5211.6839	5248.4019	---	---
11AC80SISO	Ant1	5210	75.808	5172.3056	5248.1136	---	---

Test Graphs

11A_Ant1_5180



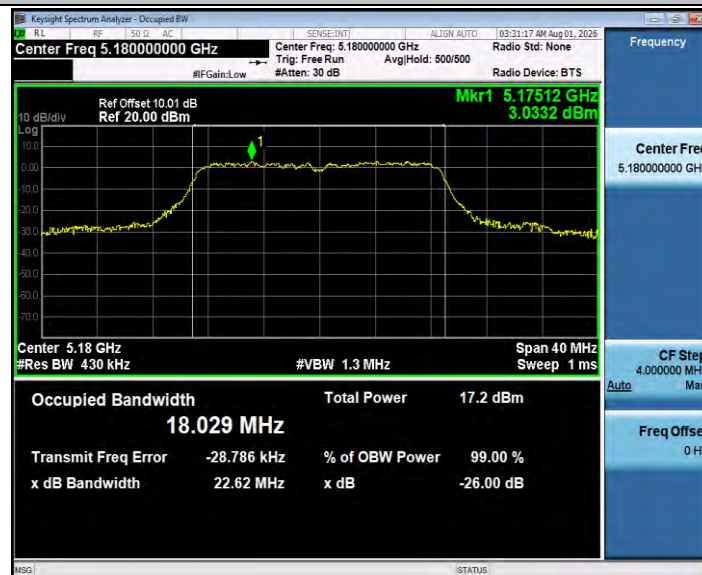
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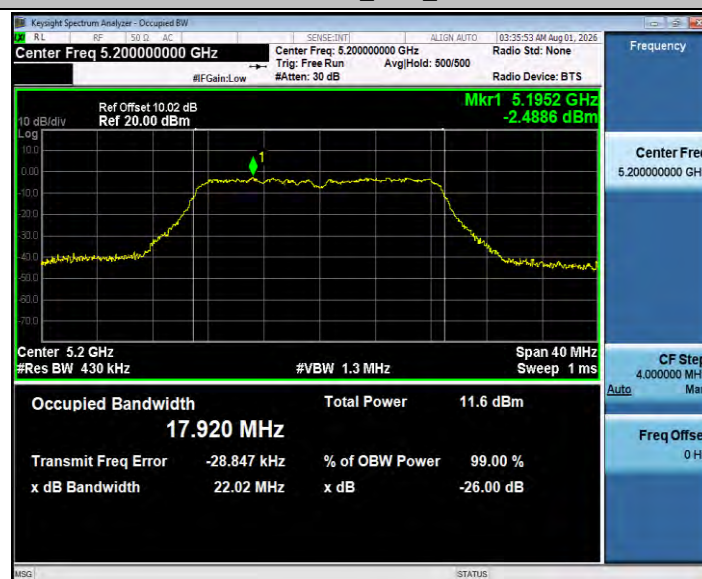
11A_Ant1_5240



11N20SISO_Ant1_5180



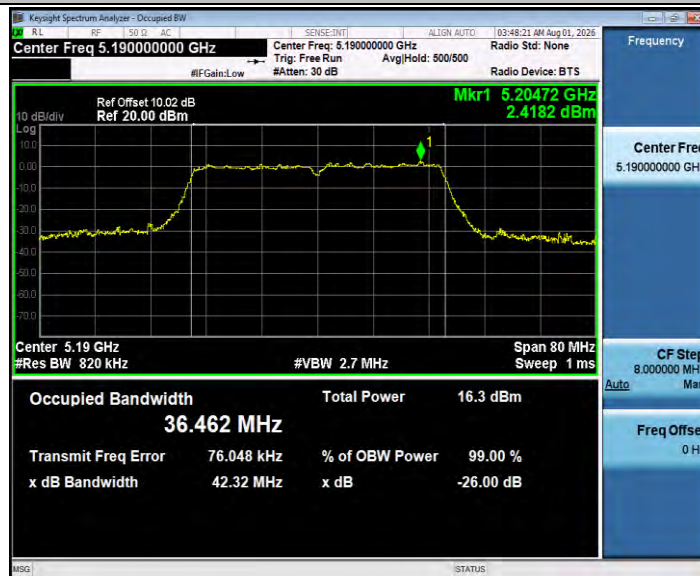
11N20SISO_Ant1_5200



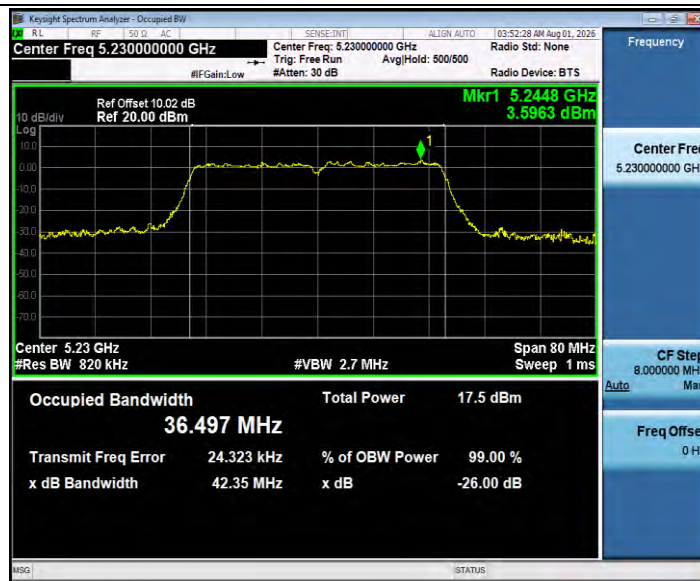
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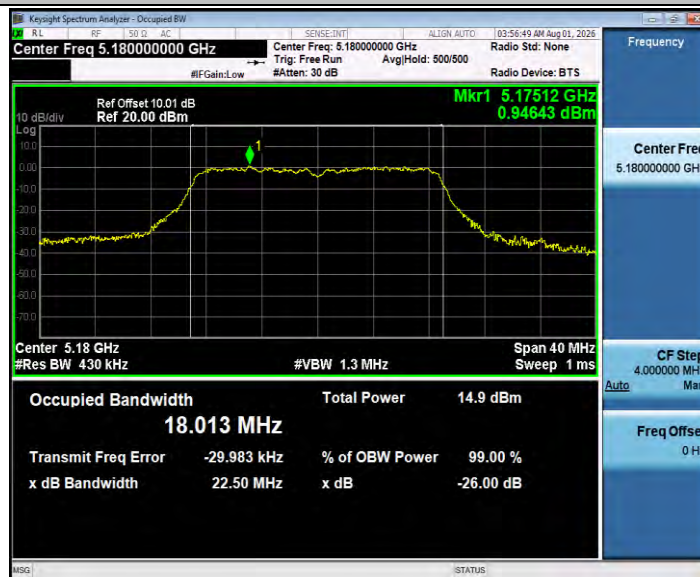
11N40SISO_Ant1_5190



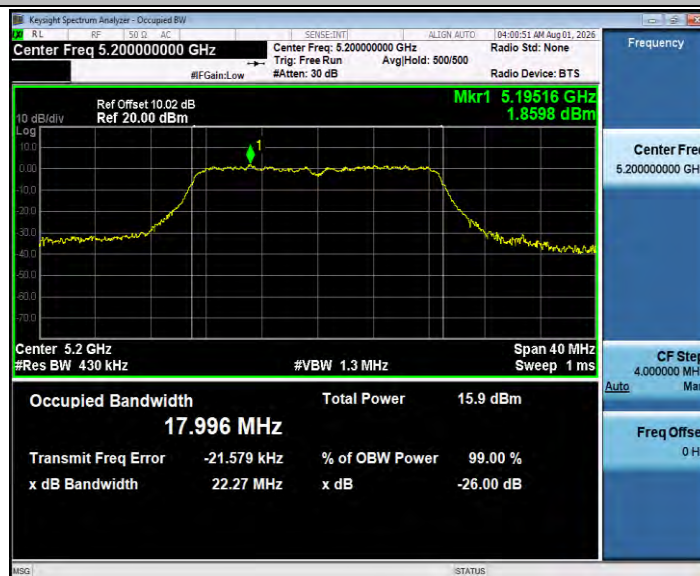
11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



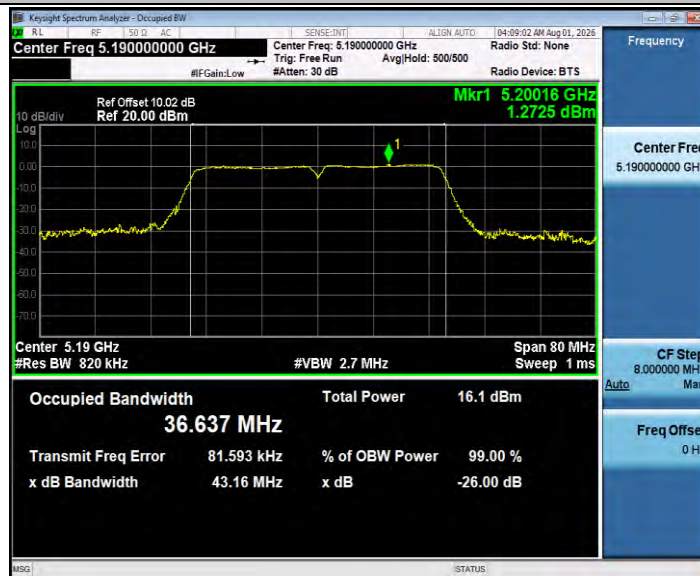
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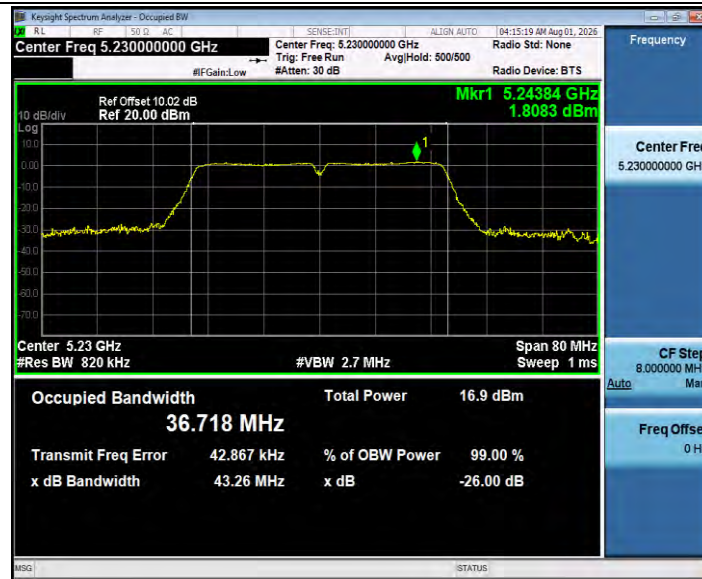
11AC20SISO_Ant1_5240



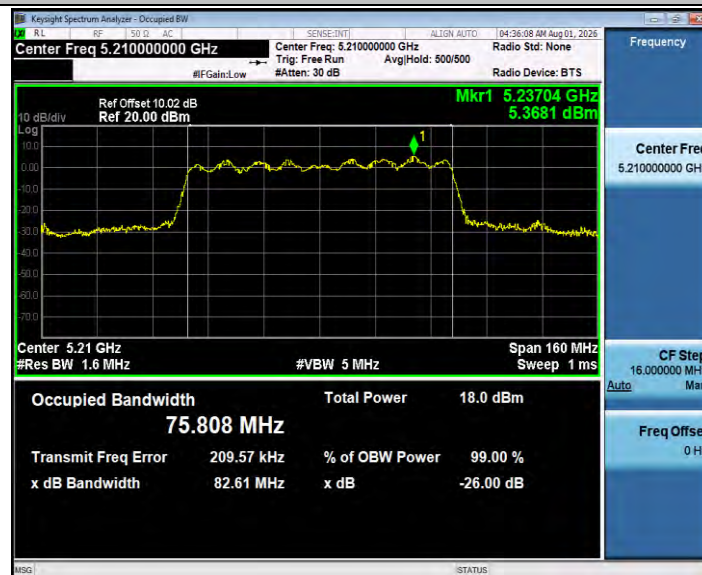
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



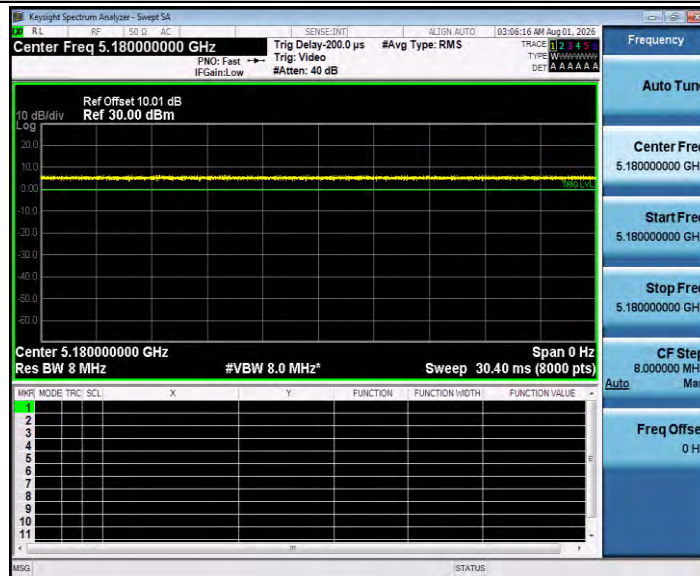
AppendixD.3: Duty Cycle

Test Result

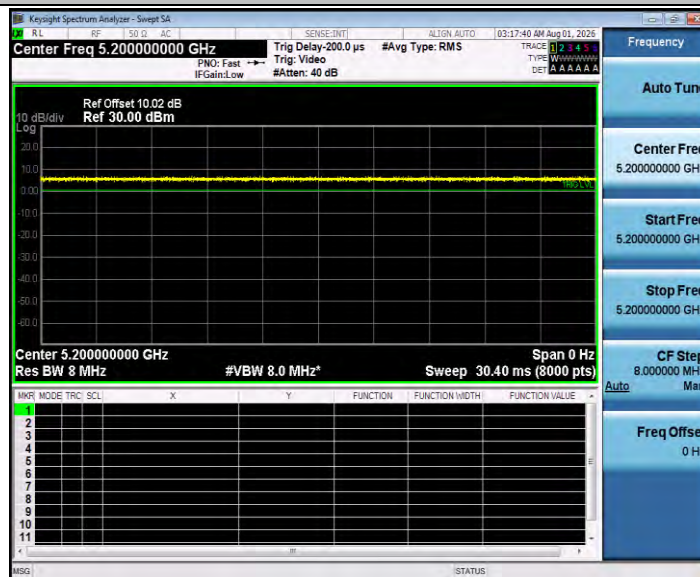
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant1	5180	30.00	30.00	100.00	0.00	0.03
		5200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

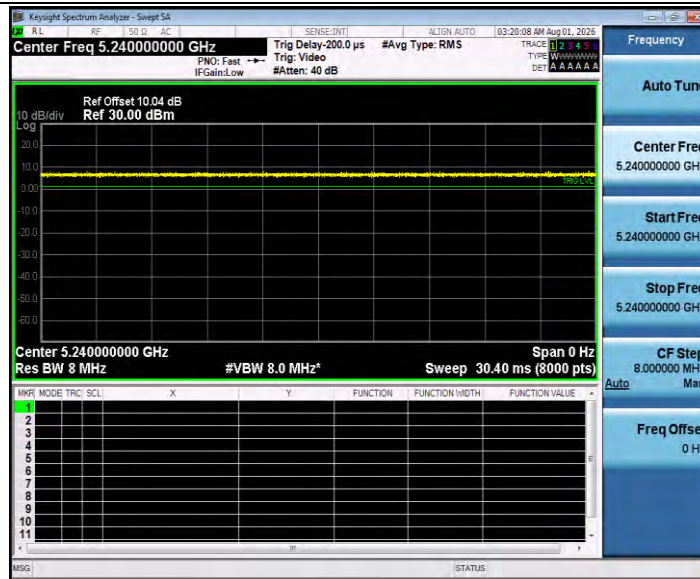
11A_Ant1_5180



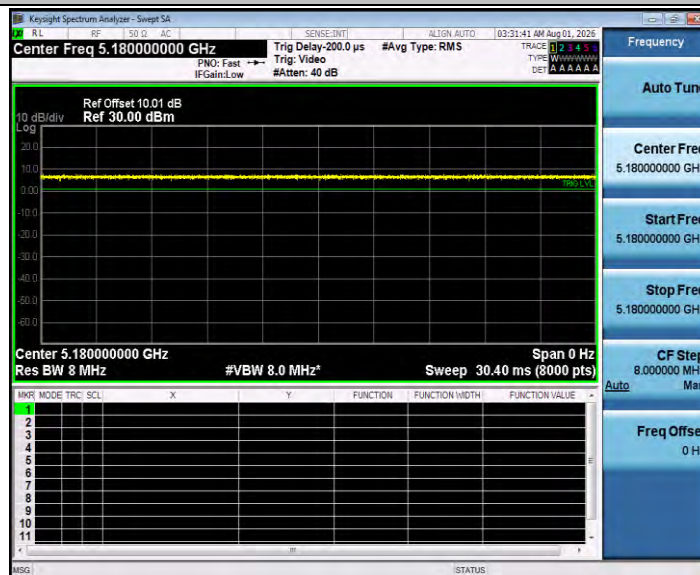
11A_Ant1_5200



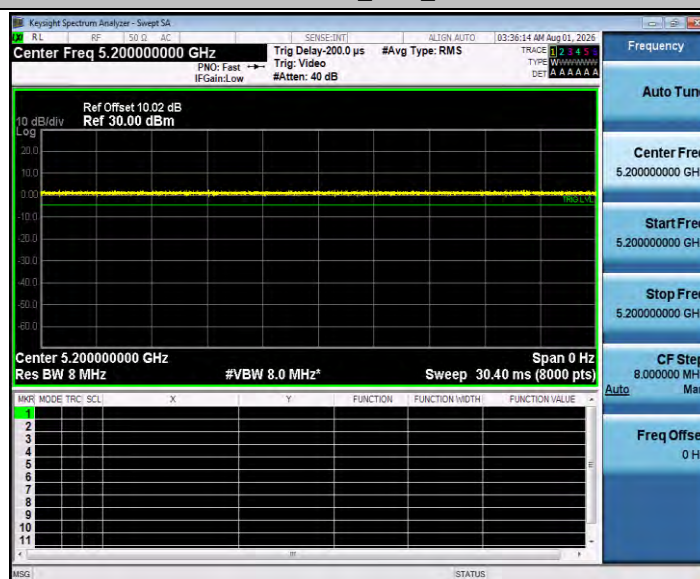
11A_Ant1_5240



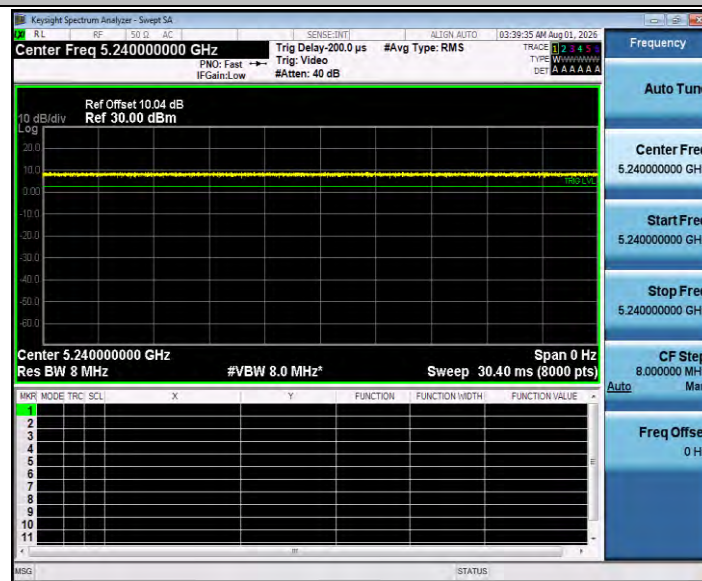
11N20SISO_Ant1_5180



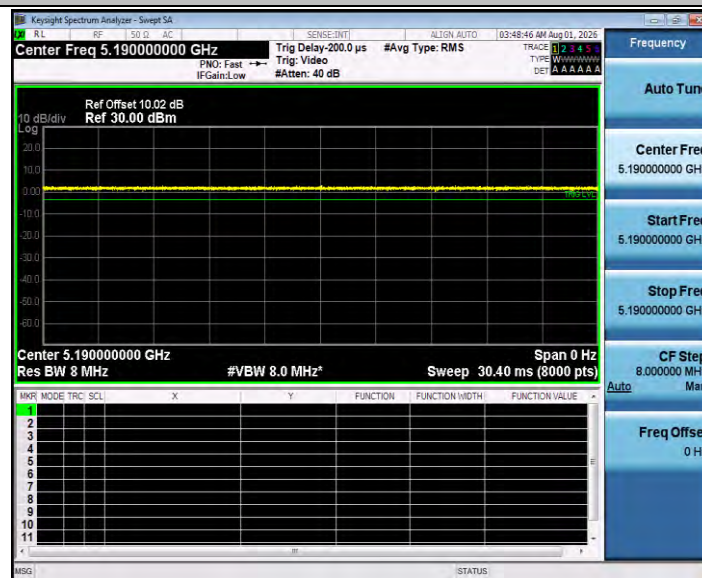
11N20SISO_Ant1_5200



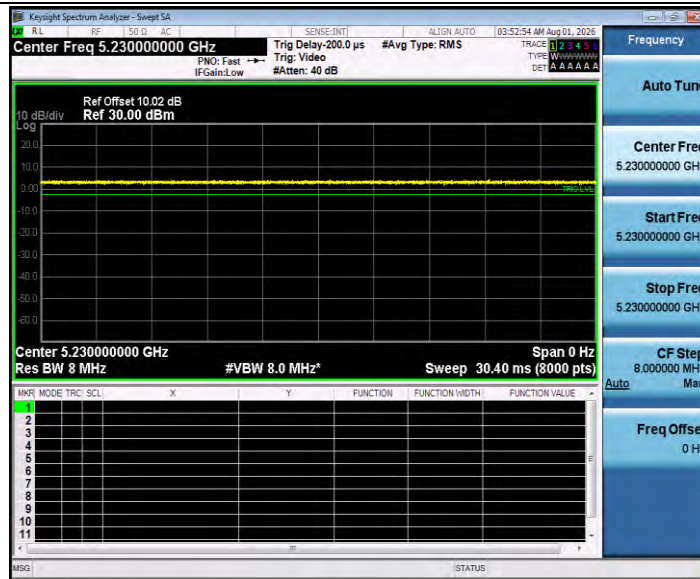
11N20SISO_Ant1_5240



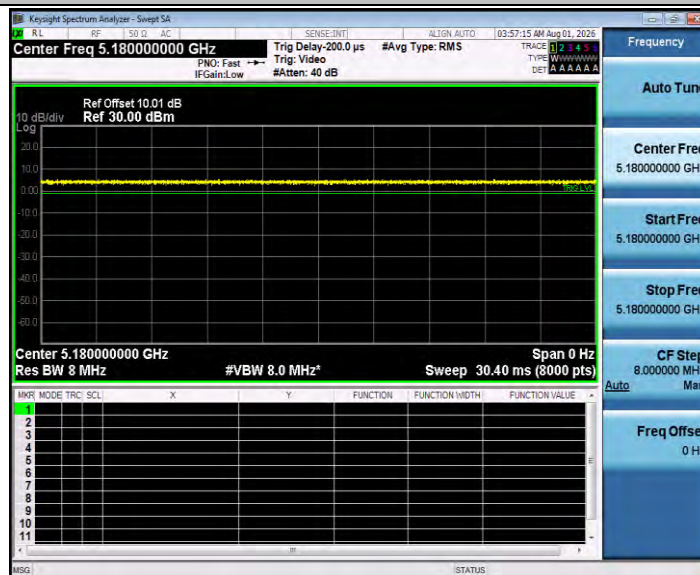
11N40SISO_Ant1_5190



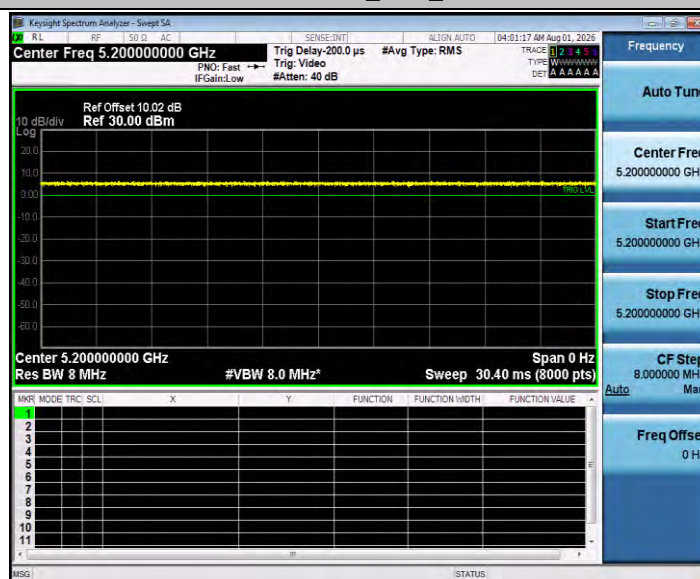
11N40SISO_Ant1_5230



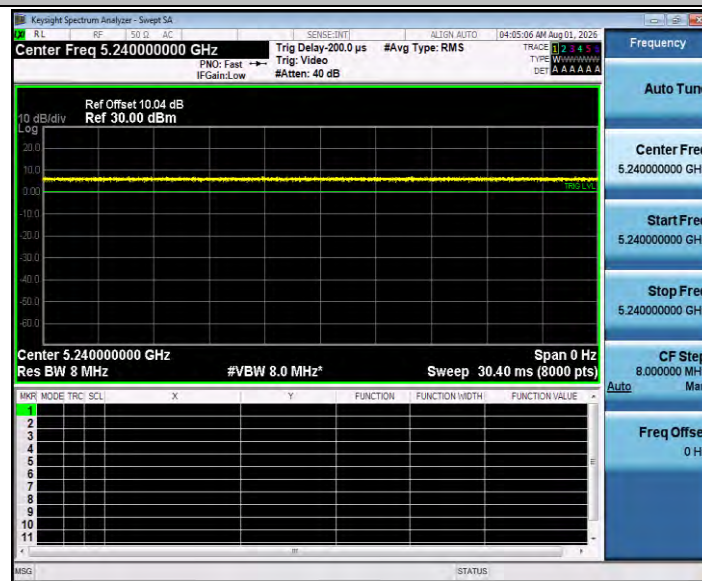
11AC20SISO_Ant1_5180



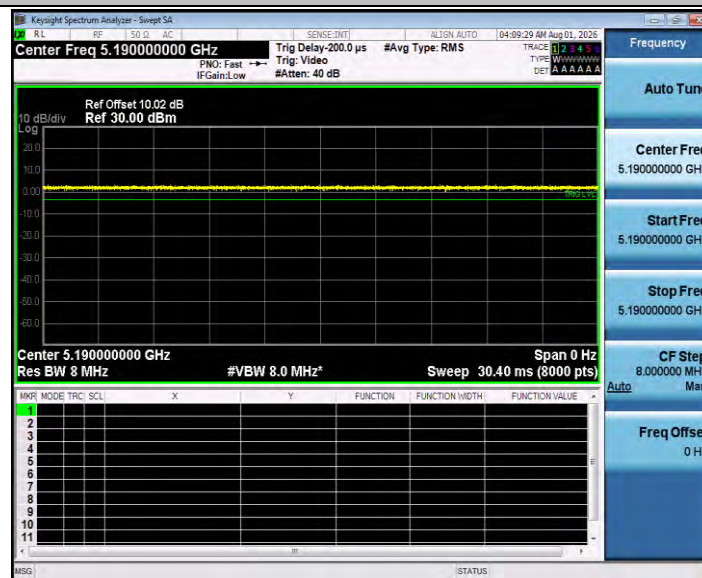
11AC20SISO_Ant1_5200



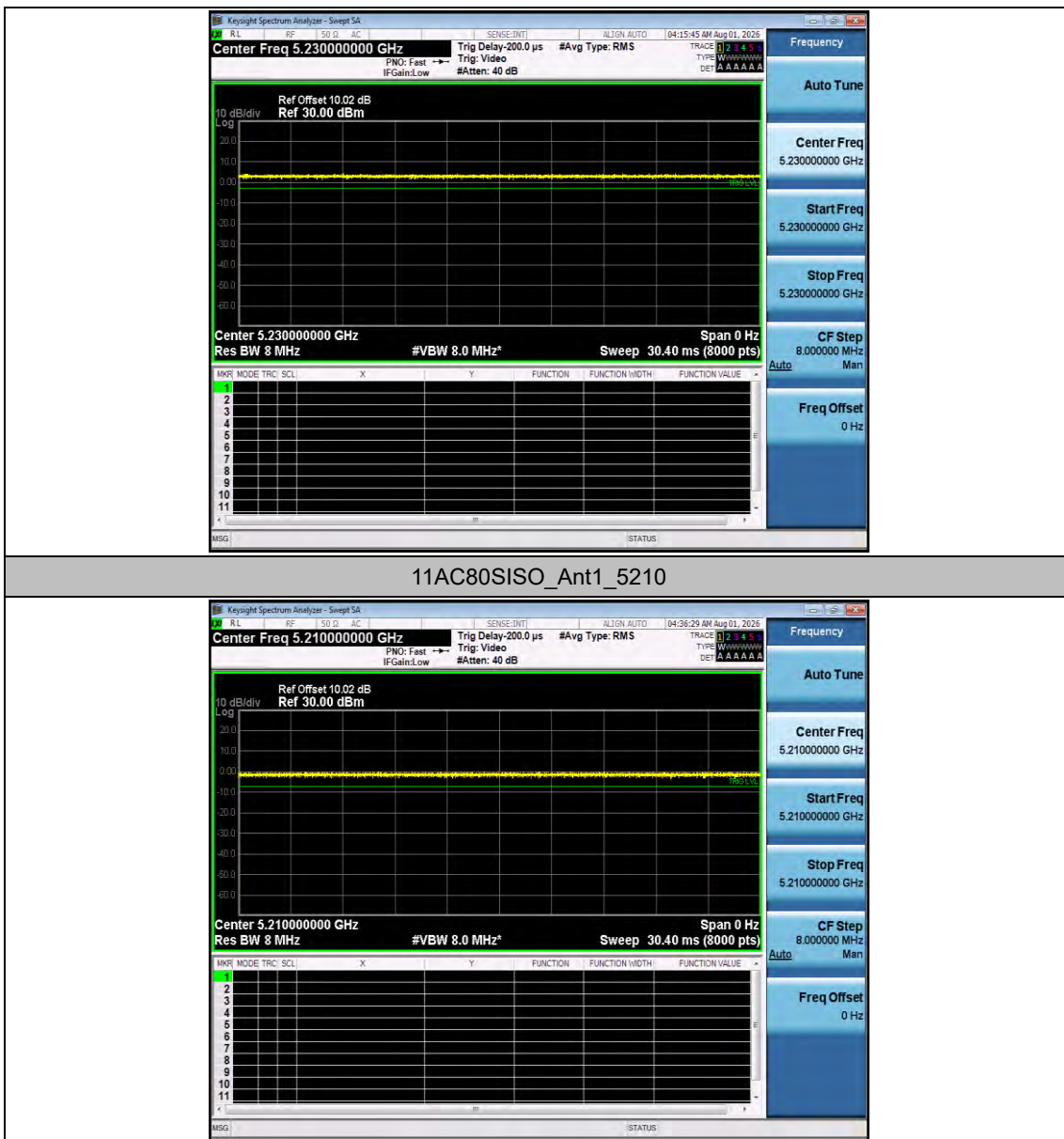
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



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	9.09	100.00	0.00	9.09	≤23.98	PASS
		5200	9.44	100.00	0.00	9.44	≤23.98	PASS
		5240	10.27	100.00	0.00	10.27	≤23.98	PASS
11N20SISO	Ant1	5180	10.55	100.00	0.00	10.55	≤23.98	PASS
		5200	10.05	100.00	0.00	10.05	≤23.98	PASS
		5240	12.01	100.00	0.00	12.01	≤23.98	PASS
11N40SISO	Ant1	5190	8.70	100.00	0.00	8.70	≤23.98	PASS
		5230	9.94	100.00	0.00	9.94	≤23.98	PASS
11AC20SISO	Ant1	5180	8.23	100.00	0.00	8.23	≤23.98	PASS
		5200	9.28	100.00	0.00	9.28	≤23.98	PASS
		5240	9.83	100.00	0.00	9.83	≤23.98	PASS
11AC40SISO	Ant1	5190	8.90	100.00	0.00	8.90	≤23.98	PASS
		5230	9.78	100.00	0.00	9.78	≤23.98	PASS
11AC80SISO	Ant1	5210	9.13	100.00	0.00	9.13	≤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	-2.45	≤11.00	PASS
		5200	-2.01	≤11.00	PASS
		5240	-1.05	≤11.00	PASS
11N20SISO	Ant1	5180	-1.16	≤11.00	PASS
		5200	-3.51	≤11.00	PASS
		5240	0.41	≤11.00	PASS
11N40SISO	Ant1	5190	-5.57	≤11.00	PASS
		5230	-4.52	≤11.00	PASS
11AC20SISO	Ant1	5180	-3.40	≤11.00	PASS
		5200	-2.38	≤11.00	PASS
		5240	-1.70	≤11.00	PASS
11AC40SISO	Ant1	5190	-5.38	≤11.00	PASS
		5230	-4.68	≤11.00	PASS
11AC80SISO	Ant1	5210	-6.86	≤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 Factoriscompensatedinthegraph.

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

