

Case No. : <u>GTS20260616001-2-02</u>
Ambient Condition: <u>25</u> °C, <u>45</u> %RH
According Standard: ■Part15E
Test Date: <u>2026.6.17-2026.6.30</u> Test Engineer: <u>Evan ouyang</u>

Appendix B.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant4	5180	20.240	5169.800	5190.040	---	---
		5200	20.280	5189.720	5210.000	---	---
		5240	20.200	5229.760	5249.960	---	---
11N20SISO	Ant4	5180	20.960	5169.560	5190.520	---	---
		5200	21.240	5189.280	5210.520	---	---
		5240	21.040	5229.400	5250.440	---	---
11N40SISO	Ant4	5190	43.200	5168.400	5211.600	---	---
		5230	43.520	5208.080	5251.600	---	---
11AC20SISO	Ant4	5180	21.040	5169.480	5190.520	---	---
		5200	21.080	5189.360	5210.440	---	---
		5240	21.000	5229.320	5250.320	---	---
11AC40SISO	Ant4	5190	43.120	5168.320	5211.440	---	---
		5230	43.520	5208.160	5251.680	---	---
11AC80SISO	Ant4	5210	82.400	5169.360	5251.760	---	---

Test Graphs

11A_Ant4_5180



11A_Ant4_5200



11A_Ant4_5240



11N20SISO_Ant4_5180



11N20SISO_Ant4_5200



11N20SISO_Ant4_5240



11N40SISO_Ant4_5190



11N40SISO_Ant4_5230



11AC20SISO_Ant4_5180



11AC20SISO_Ant4_5200



11AC20SISO_Ant4_5240



11AC40SISO_Ant4_5190



11AC40SISO_Ant4_5230

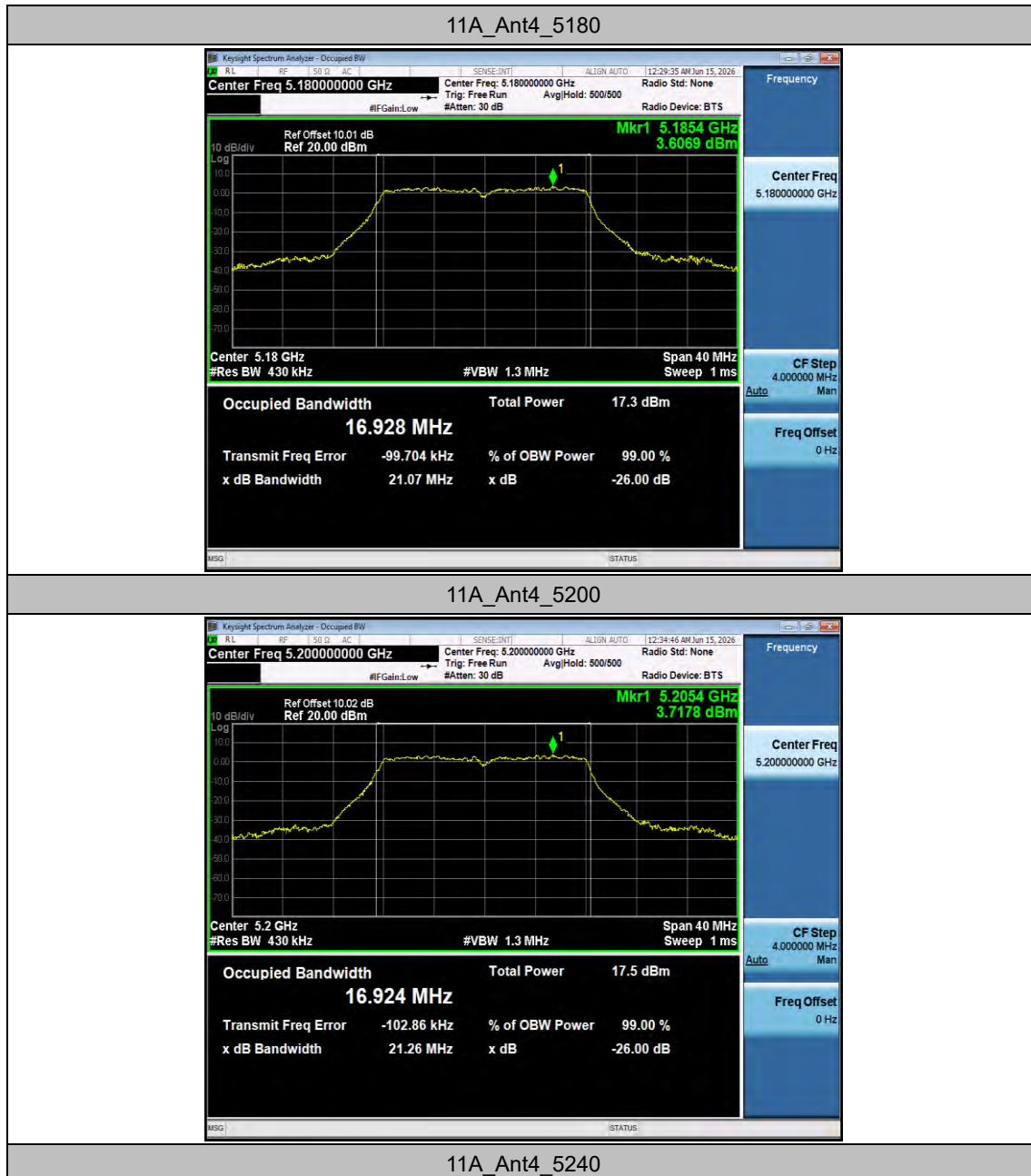


Appendix B.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant4	5180	16.928	5171.4363	5188.3643	---	---
		5200	16.924	5191.4351	5208.3591	---	---
		5240	16.938	5231.4040	5248.3420	---	---
11N20SISO	Ant4	5180	17.887	5171.0135	5188.9005	---	---
		5200	17.900	5191.0103	5208.9103	---	---
		5240	17.871	5231.0069	5248.8779	---	---
11N40SISO	Ant4	5190	37.022	5171.5869	5208.6089	---	---
		5230	37.087	5211.4661	5248.5531	---	---
11AC20SISO	Ant4	5180	17.911	5171.0249	5188.9359	---	---
		5200	17.933	5191.0028	5208.9358	---	---
		5240	17.932	5230.9690	5248.9010	---	---
11AC40SISO	Ant4	5190	37.023	5171.5822	5208.6052	---	---
		5230	37.076	5211.4787	5248.5547	---	---
11AC80SISO	Ant4	5210	75.735	5172.3431	5248.0781	---	---

Test Graphs





11N20SISO_Ant4_5180



11N20SISO_Ant4_5200



11N20SISO_Ant4_5240



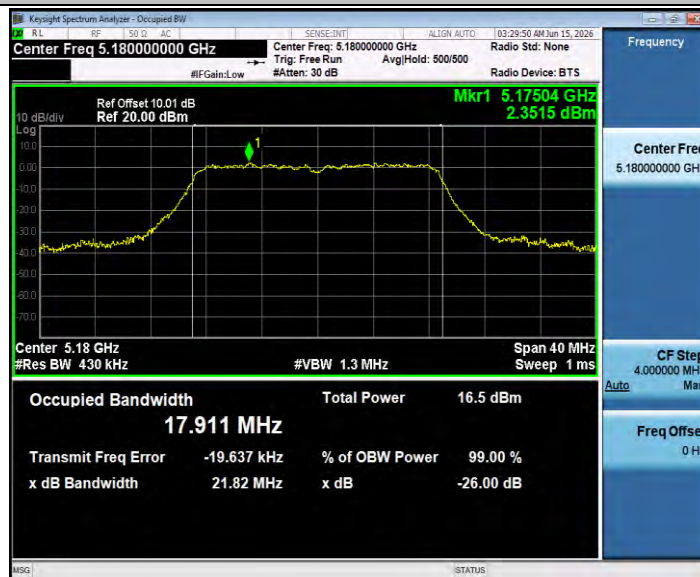
11N40SISO_Ant4_5190



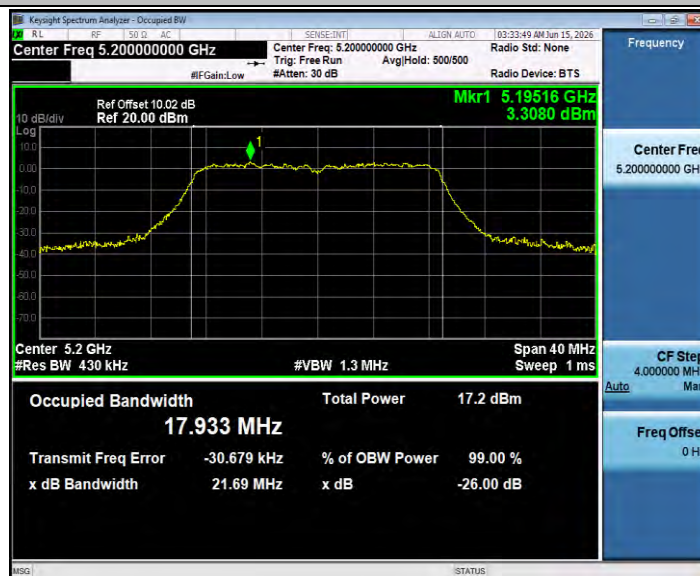
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11AC20SISO_Ant4_5180



11AC20SISO_Ant4_5200



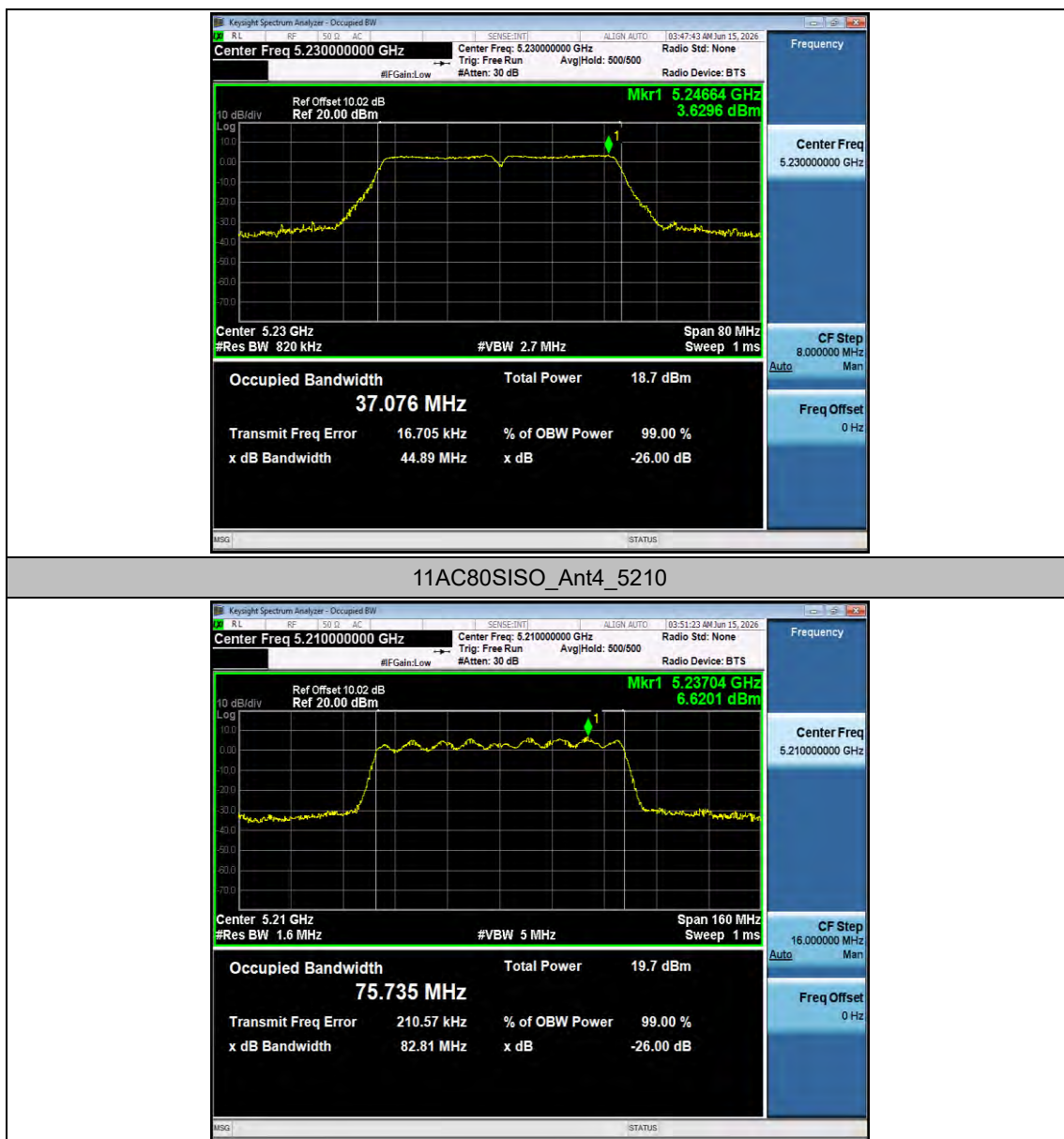
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11AC40SISO_Ant4_5190



11AC40SISO_Ant4_5230

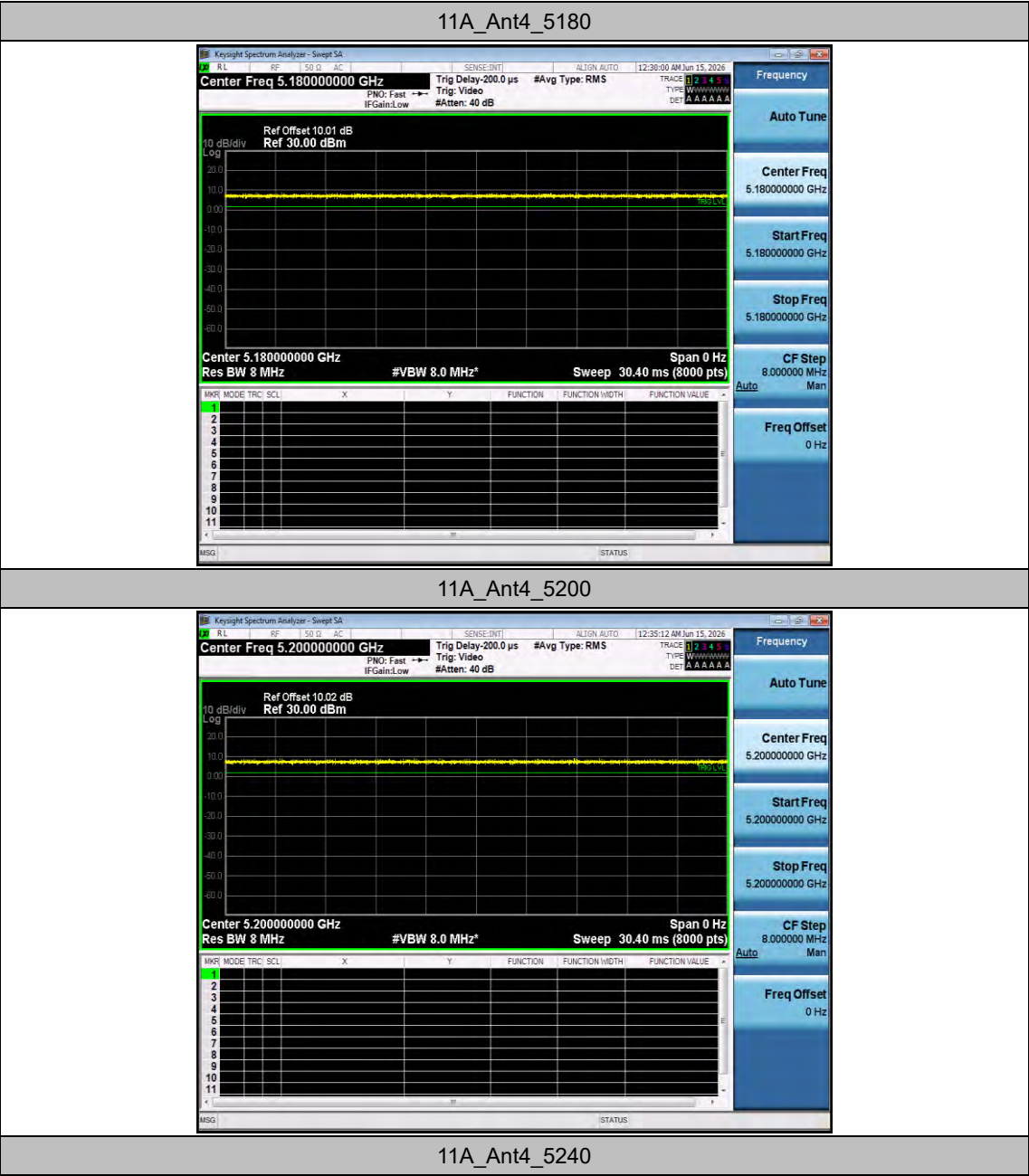


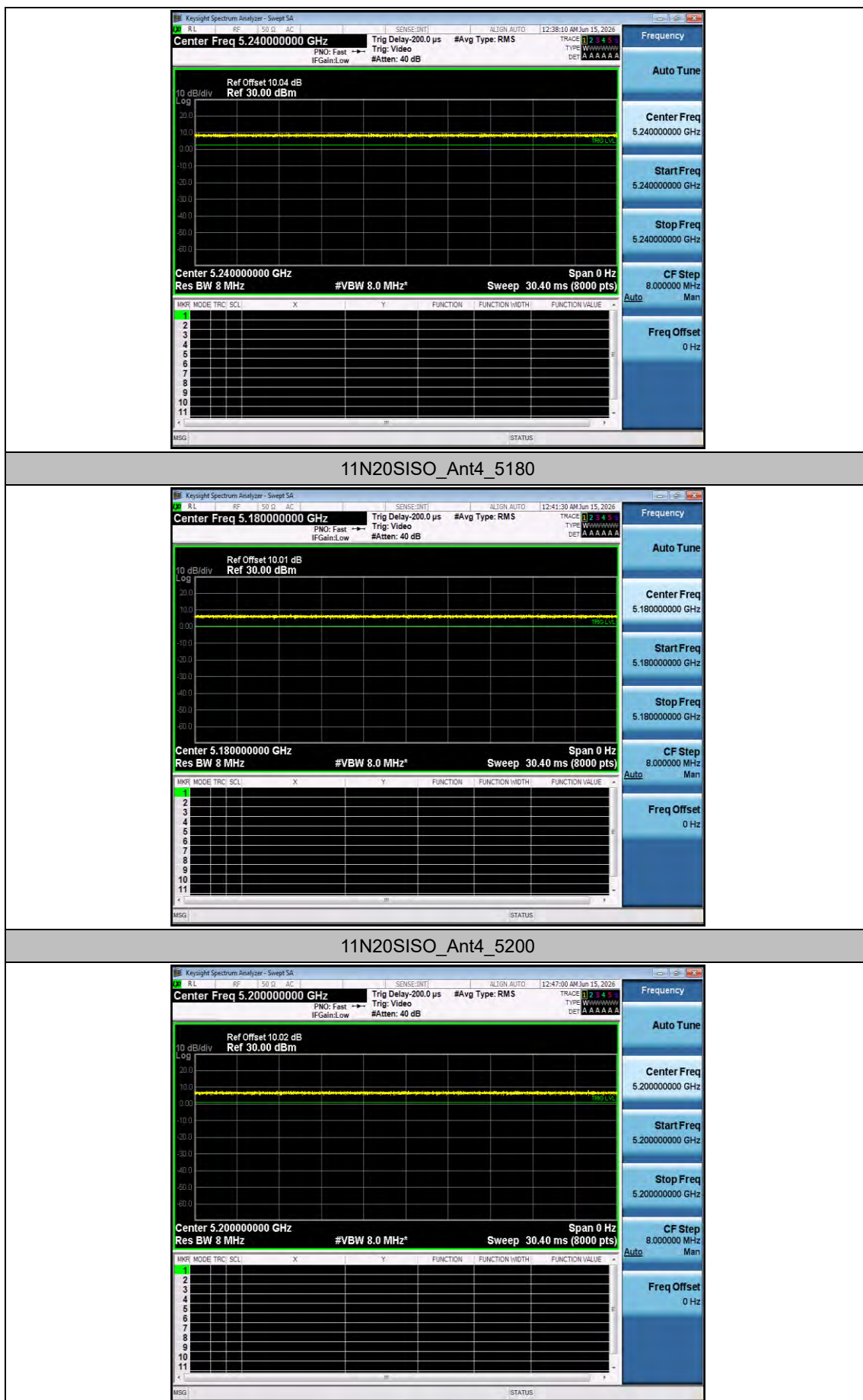
AppendixB.3: Duty Cycle

Test Result

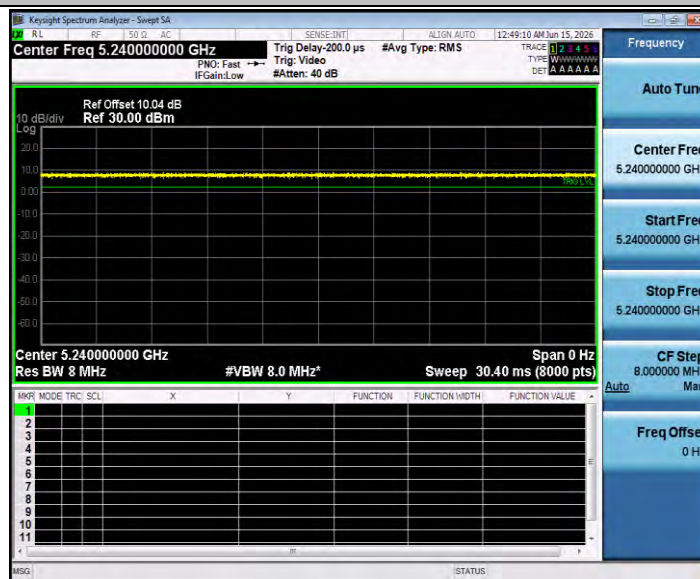
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant4	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant4	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11N40SISO	Ant4	5190	30.00	30.00	100.00	0.00	0.03
		5230	30.00	30.00	100.00	0.00	0.03
11AC20SISO	Ant4	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	Ant4	5190	30.00	30.00	100.00	0.00	0.03
		5230	30.00	30.00	100.00	0.00	0.03
11AC80SISO	Ant4	5210	30.00	30.00	100.00	0.00	0.03

Test Graphs

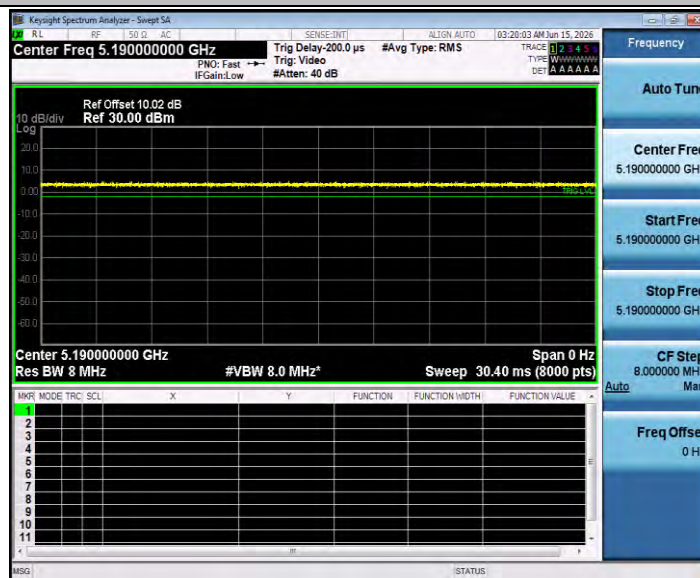




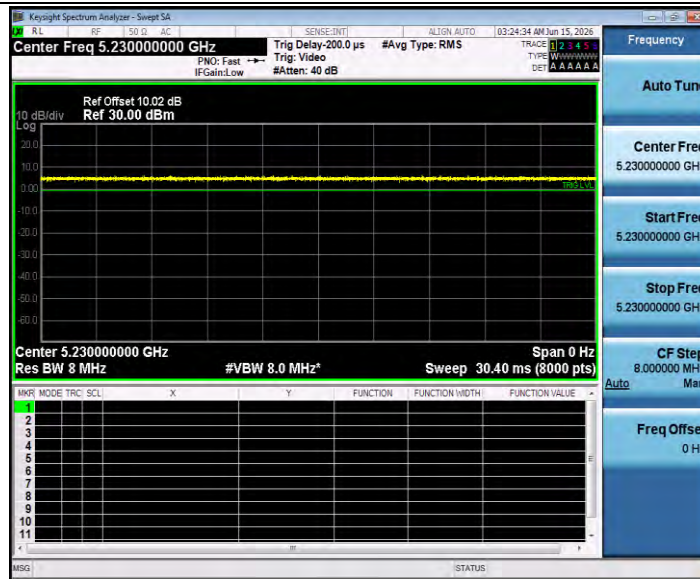
11N20SISO_Ant4_5240



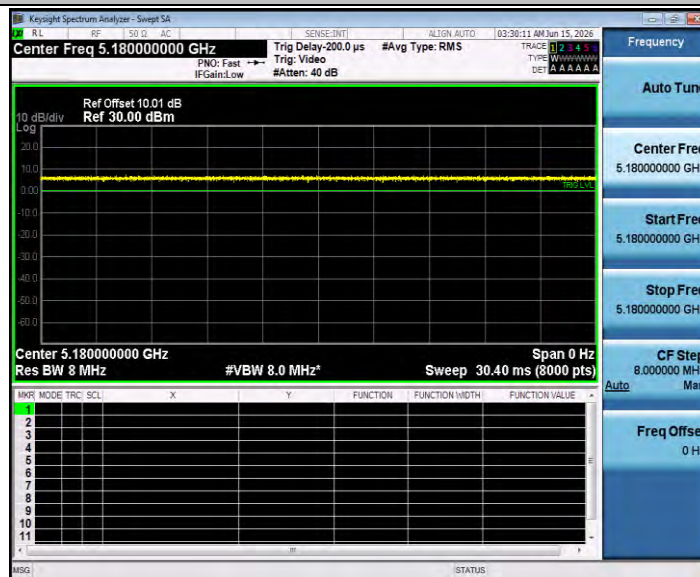
11N40SISO_Ant4_5190



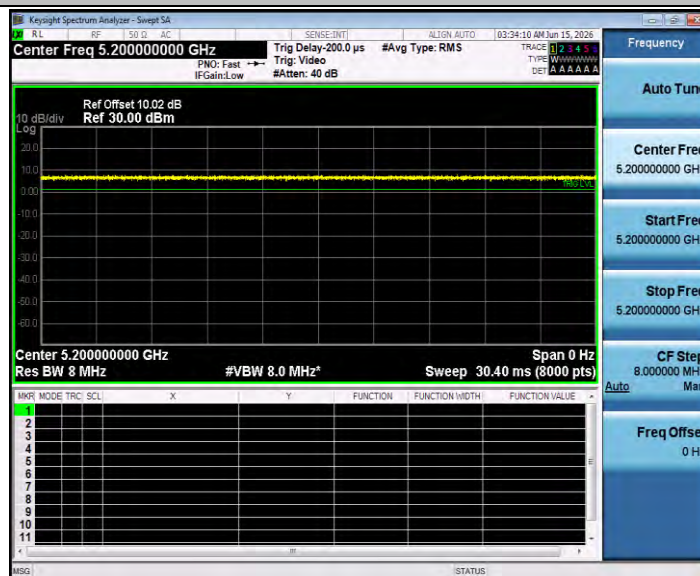
11N40SISO_Ant4_5230



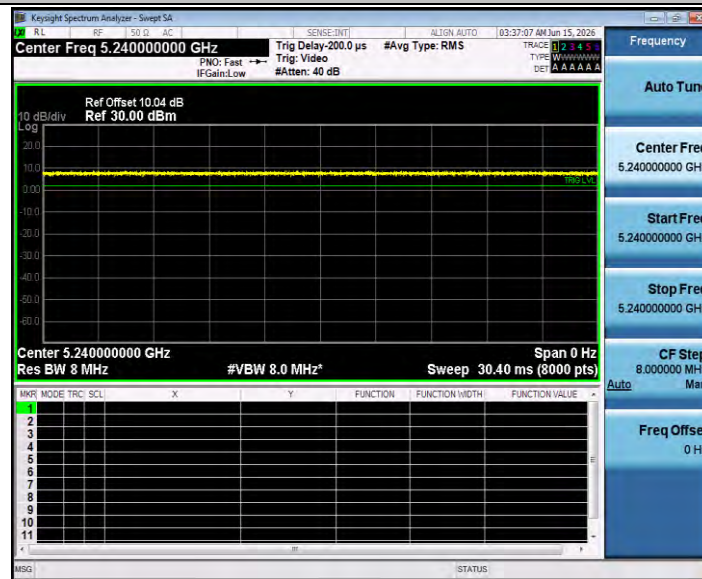
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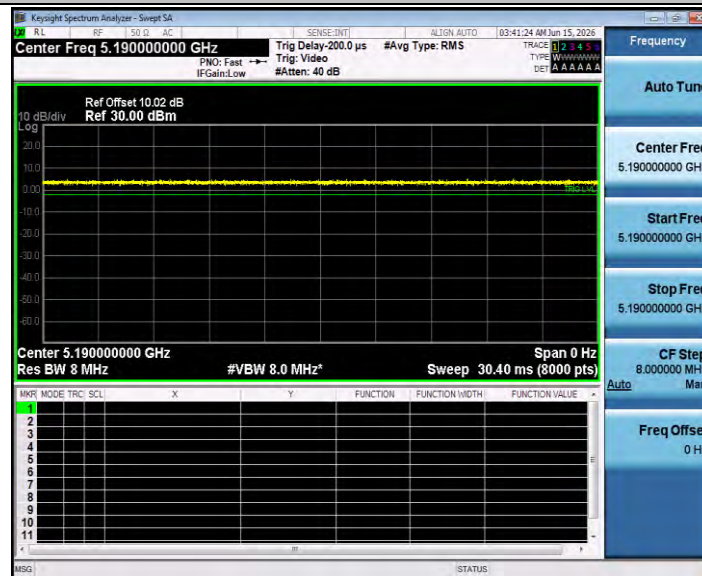
11AC20SISO_Ant4_5200



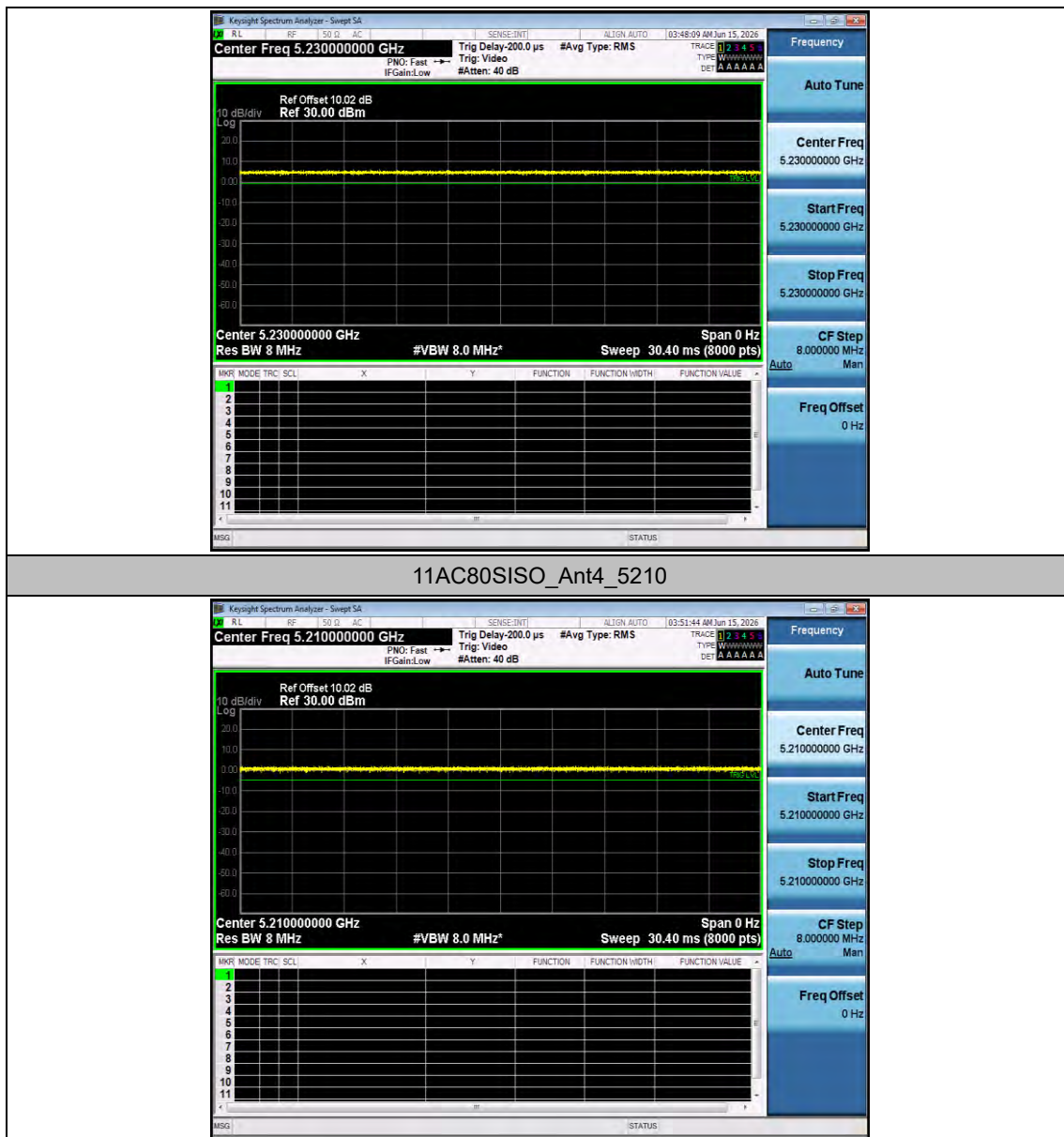
11AC20SISO_Ant4_5240



11AC40SISO_Ant4_5190



11AC40SISO_Ant4_5230



Appendix B.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	Ant4	5180	10.67	100.00	0.00	10.67	≤23.98	PASS
		5200	11.08	100.00	0.00	11.08	≤23.98	PASS
		5240	11.86	100.00	0.00	11.86	≤23.98	PASS
11N20SISO	Ant4	5180	10.08	100.00	0.00	10.08	≤23.98	PASS
		5200	10.50	100.00	0.00	10.50	≤23.98	PASS
		5240	11.55	100.00	0.00	11.55	≤23.98	PASS
11N40SISO	Ant4	5190	10.34	100.00	0.00	10.34	≤23.98	PASS
		5230	11.57	100.00	0.00	11.57	≤23.98	PASS
11AC20SISO	Ant4	5180	9.73	100.00	0.00	9.73	≤23.98	PASS
		5200	10.50	100.00	0.00	10.50	≤23.98	PASS
		5240	11.42	100.00	0.00	11.42	≤23.98	PASS
11AC40SISO	Ant4	5190	10.36	100.00	0.00	10.36	≤23.98	PASS
		5230	11.46	100.00	0.00	11.46	≤23.98	PASS
11AC80SISO	Ant4	5210	10.89	100.00	0.00	10.89	≤23.98	PASS

Appendix B.5: Maximum power spectral density

Test Result

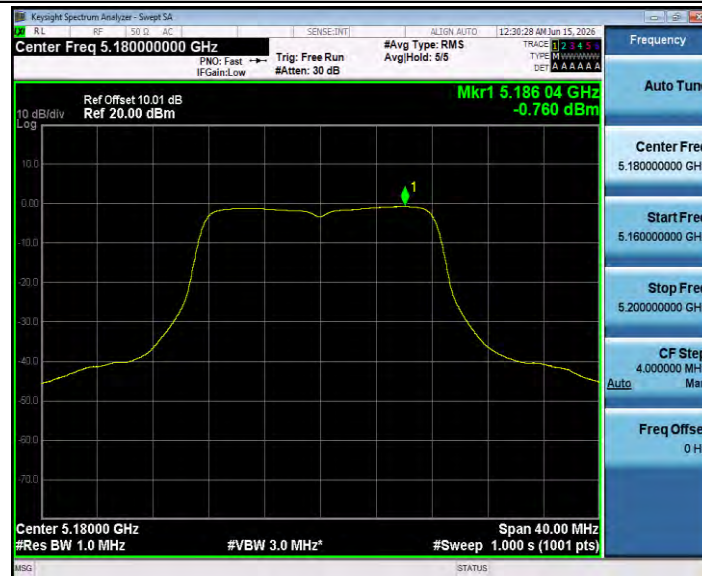
TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant4	5180	-0.76	≤11.00	PASS
		5200	-0.33	≤11.00	PASS
		5240	0.40	≤11.00	PASS
11N20SISO	Ant4	5180	-1.54	≤11.00	PASS
		5200	-1.06	≤11.00	PASS
		5240	-0.14	≤11.00	PASS
11N40SISO	Ant4	5190	-3.88	≤11.00	PASS
		5230	-3.06	≤11.00	PASS
11AC20SISO	Ant4	5180	-1.85	≤11.00	PASS
		5200	-1.07	≤11.00	PASS
		5240	-0.22	≤11.00	PASS
11AC40SISO	Ant4	5190	-3.84	≤11.00	PASS
		5230	-2.75	≤11.00	PASS
11AC80SISO	Ant4	5210	-5.28	≤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_Ant4_5180



11A_Ant4_5200



11A_Ant4_5240



11N20SISO_Ant4_5180



11N20SISO_Ant4_5200



11N20SISO_Ant4_5240



11N40SISO_Ant4_5190



11N40SISO_Ant4_5230



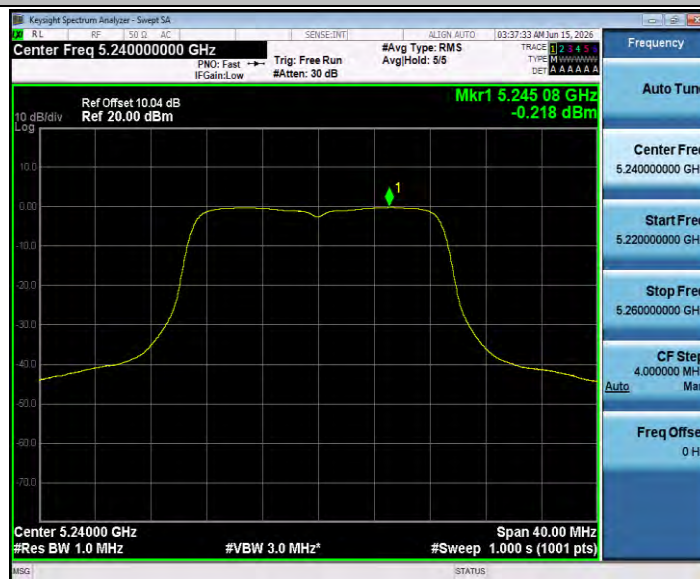
11AC20SISO_Ant4_5180



11AC20SISO_Ant4_5200



11AC20SISO_Ant4_5240



11AC40SISO_Ant4_5190



11AC40SISO_Ant4_5230



11AC80SISO_Ant4_5210

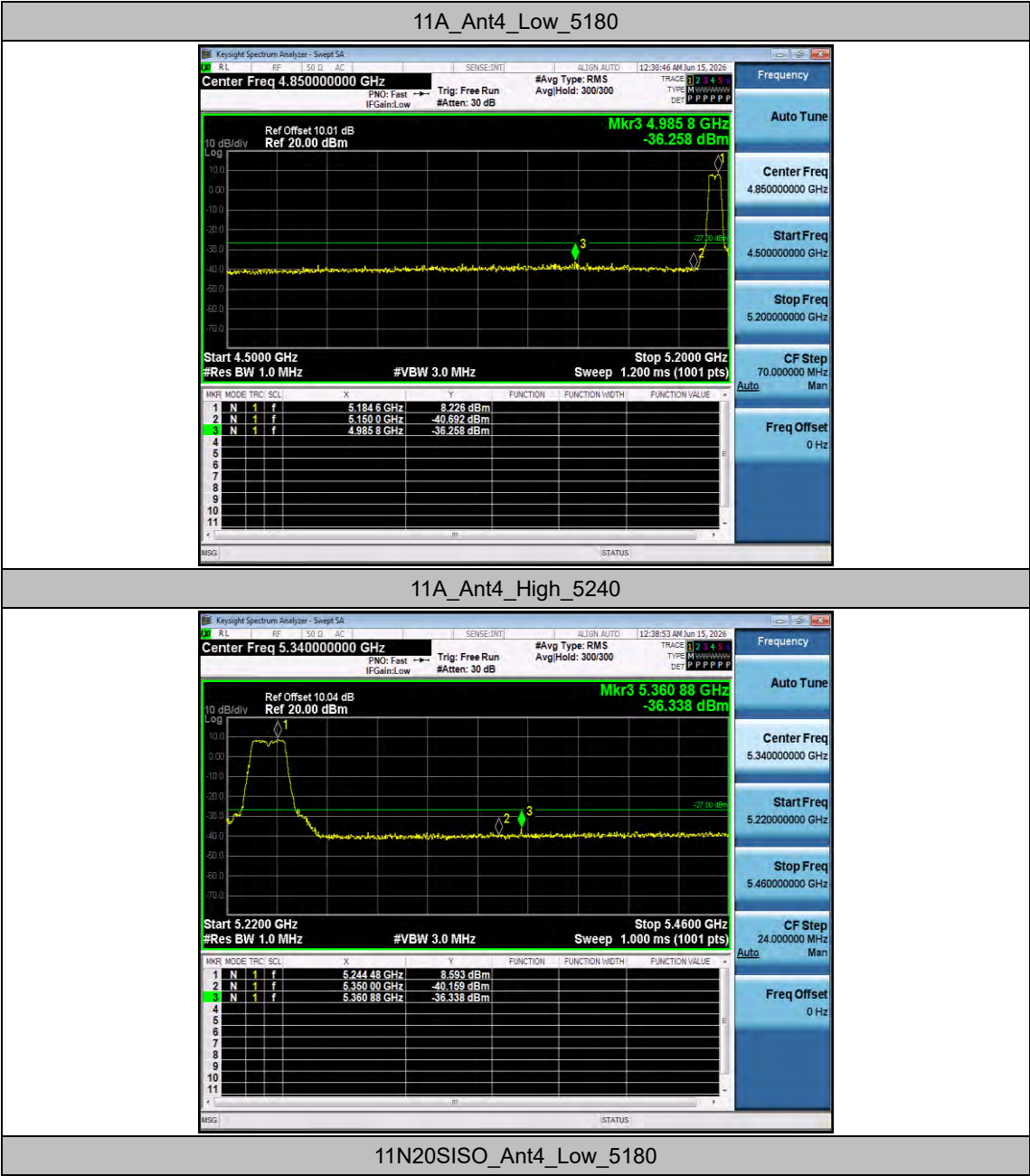


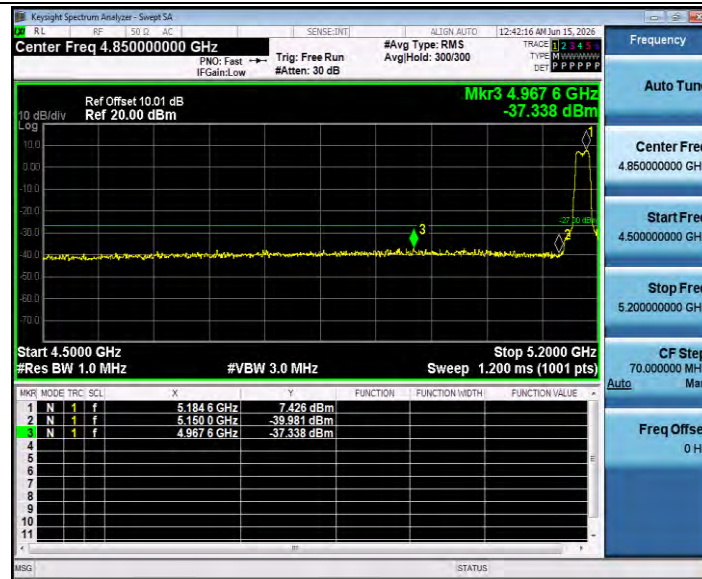
Appendix B.6:Band edge measurements

Test Result B1

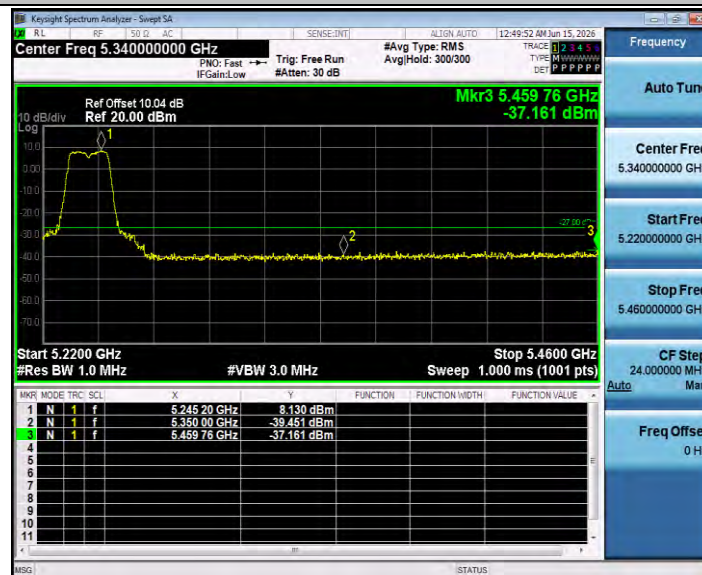
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant4	Low	5180	-36.26	≤ -27	PASS
		High	5240	-36.34	≤ -27	PASS
11N20SISO	Ant4	Low	5180	-37.34	≤ -27	PASS
		High	5240	-37.16	≤ -27	PASS
11N40SISO	Ant4	Low	5190	-33.92	≤ -27	PASS
		High	5230	-37.05	≤ -27	PASS
11AC20SISO	Ant4	Low	5180	-37.43	≤ -27	PASS
		High	5240	-37.52	≤ -27	PASS
11AC40SISO	Ant4	Low	5190	-36.09	≤ -27	PASS
		High	5230	-37.28	≤ -27	PASS
11AC80SISO	Ant4	Low	5210	-33.67	≤ -27	PASS
		High	5210	-37.24	≤ -27	PASS

Test GraphsB1

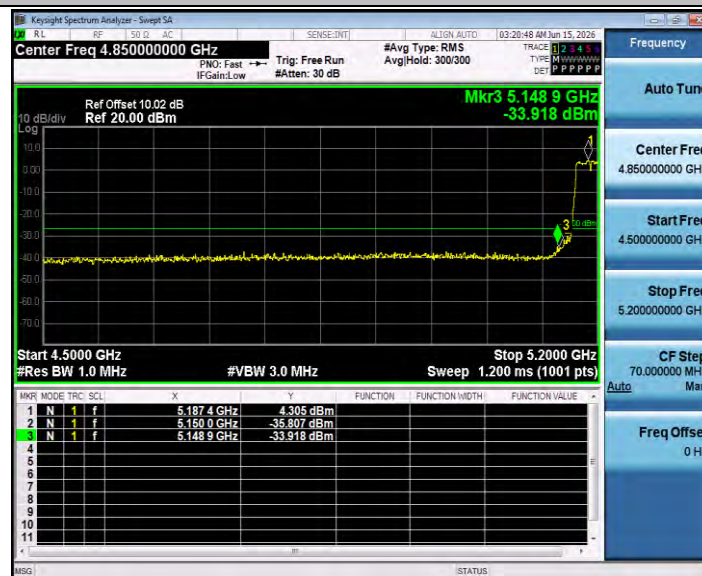




11N20SISO_Ant4_High_5240



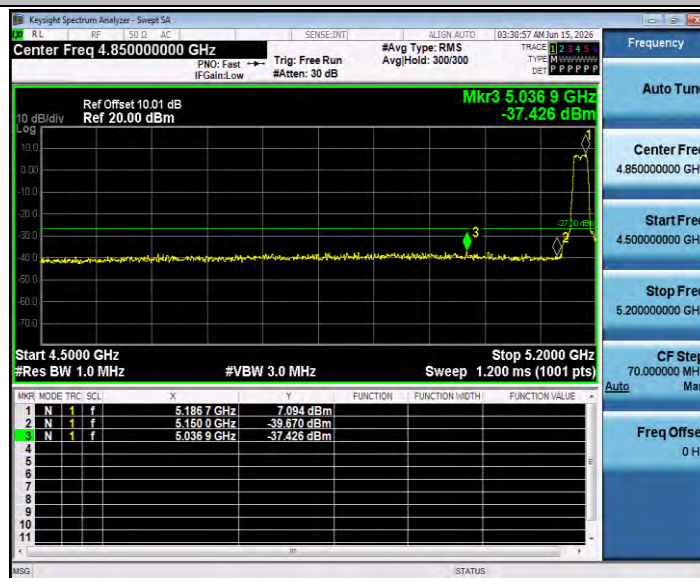
11N40SISO_Ant4_Low_5190



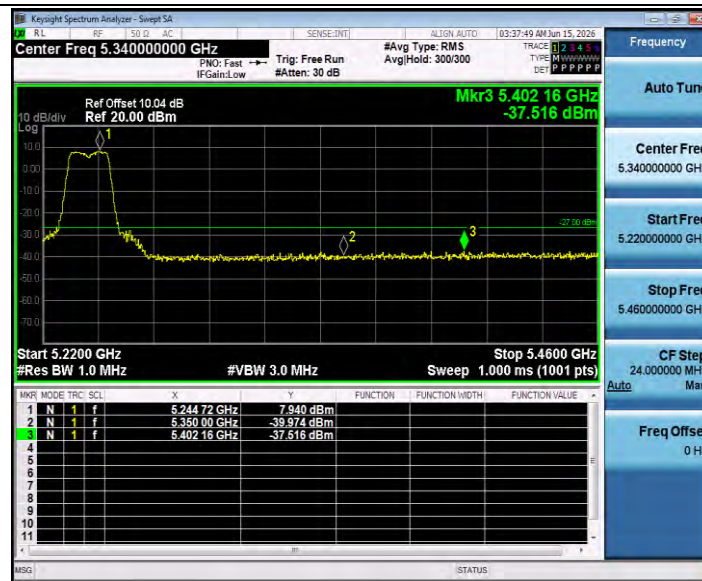
11N40SISO_Ant4_High_5230



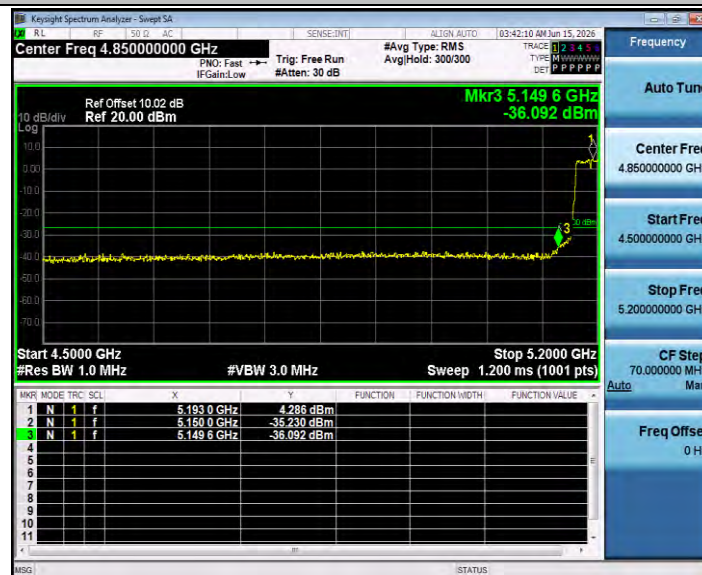
11AC20SISO_Ant4_Low_5180



11AC20SISO_Ant4_High_5240



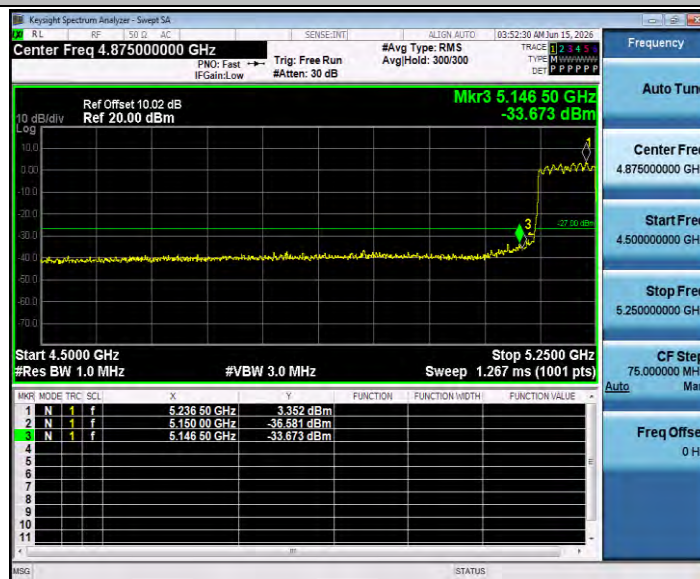
11AC40SISO_Ant4_Low_5190



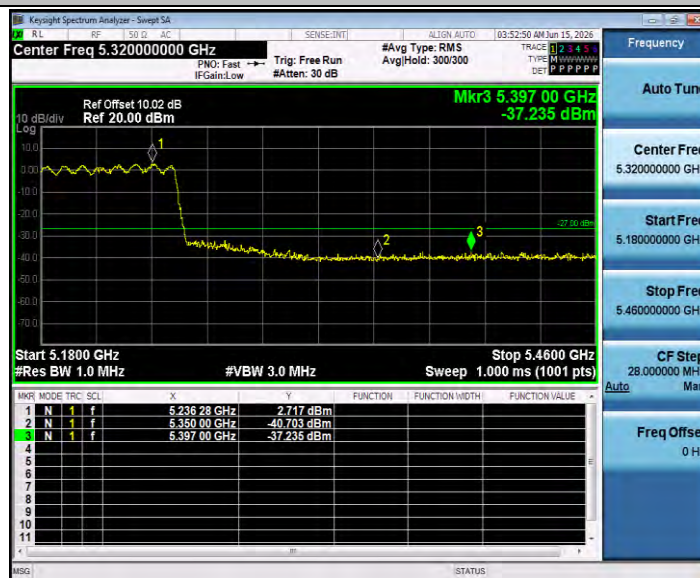
11AC40SISO_Ant4_High_5230



11AC80SISO_Ant4_Low_5210



11AC80SISO_Ant4_High_5210



Appendix B.7:Conducted Spurious Emission

Test Result

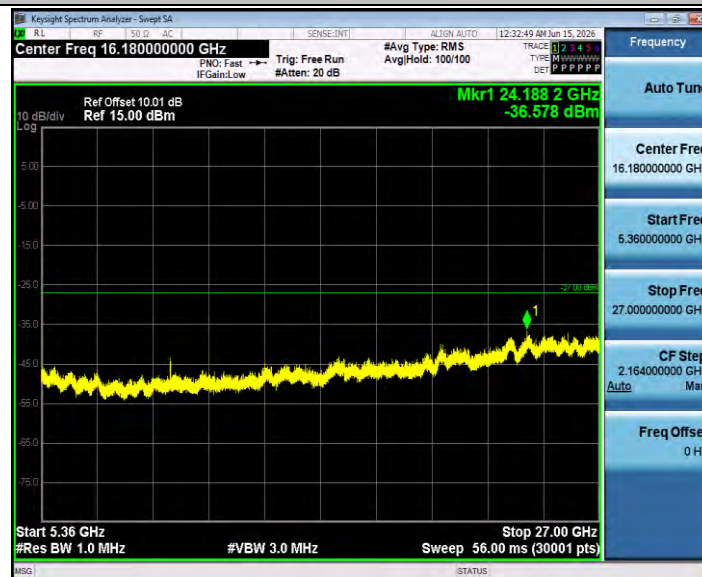
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant4	5180	30~5140	2420.63	-42.51	≤-27	PASS
			5360~27000	24188.24	-36.58	≤-27	PASS
		5200	30~5140	2421.99	-45.12	≤-27	PASS
			5360~27000	26688.38	-37.19	≤-27	PASS
		5240	30~5140	2447.2	-46.28	≤-27	PASS
			5360~27000	24282.02	-35.22	≤-27	PASS
11N20SISO	Ant4	5180	30~5140	3141.99	-45.81	≤-27	PASS
			5360~27000	24285.62	-37.18	≤-27	PASS
		5200	30~5140	2516.87	-41.97	≤-27	PASS
			5360~27000	24845.38	-36.26	≤-27	PASS
		5240	30~5140	2448.22	-44.72	≤-27	PASS
			5360~27000	25098.57	-37.26	≤-27	PASS
11N40SISO	Ant4	5190	30~5140	5139.66	-41.42	≤-27	PASS
			5360~27000	23504.42	-36.16	≤-27	PASS
		5230	30~5140	4952.12	-45.62	≤-27	PASS
			5360~27000	26932.92	-36.51	≤-27	PASS
11AC20SISO	Ant4	5180	30~5140	5025.54	-45.48	≤-27	PASS
			5360~27000	24080.04	-37.36	≤-27	PASS
		5200	30~5140	2532.88	-38.59	≤-27	PASS
			5360~27000	24861.97	-36.98	≤-27	PASS
		5240	30~5140	1756.67	-45.75	≤-27	PASS
			5360~27000	26497.23	-37.49	≤-27	PASS
11AC40SISO	Ant4	5190	30~5140	2416.2	-42.38	≤-27	PASS
			5360~27000	23572.95	-36.77	≤-27	PASS
		5230	30~5140	4943.09	-46.42	≤-27	PASS
			5360~27000	24265.43	-36.64	≤-27	PASS
11AC80SISO	Ant4	5210	30~5140	5131.31	-37.2	≤-27	PASS
			5360~27000	25257.98	-36.68	≤-27	PASS

Test Graphs

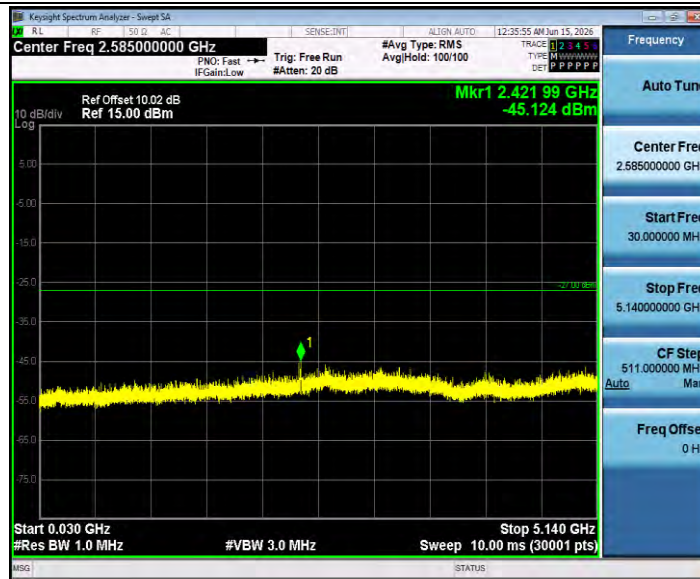
11A_Ant4_5180_30~5140



11A_Ant4_5180_5360~27000



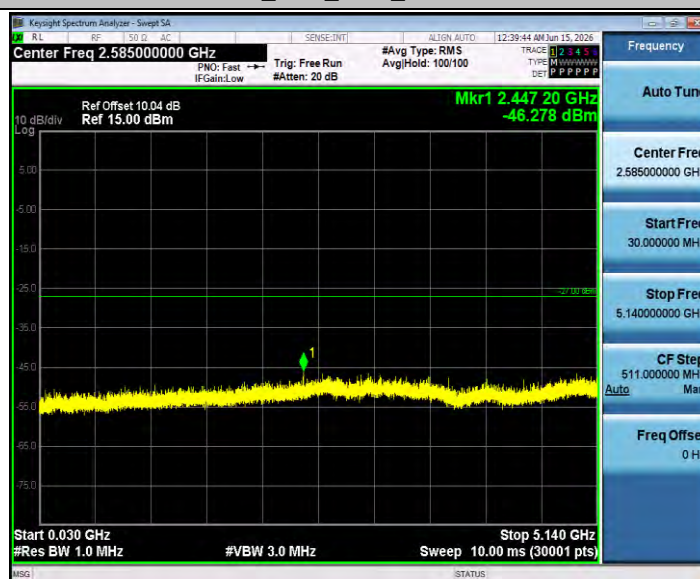
11A_Ant4_5200_30~5140



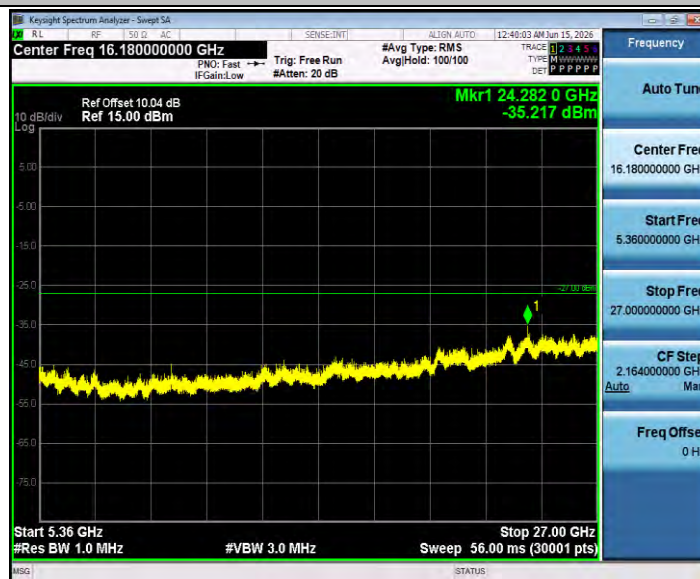
11A_Ant4_5200_5360~27000



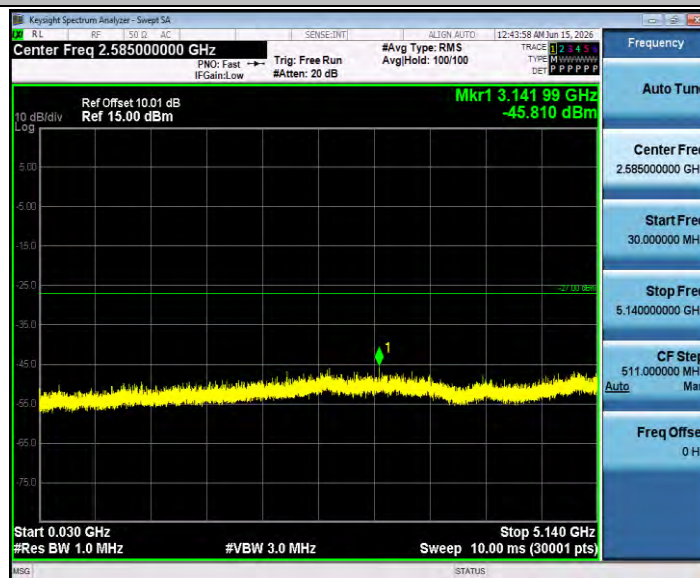
11A_Ant4_5240_30~5140



11A_Ant4_5240_5360~27000



11N20SISO_Ant4_5180_30~5140



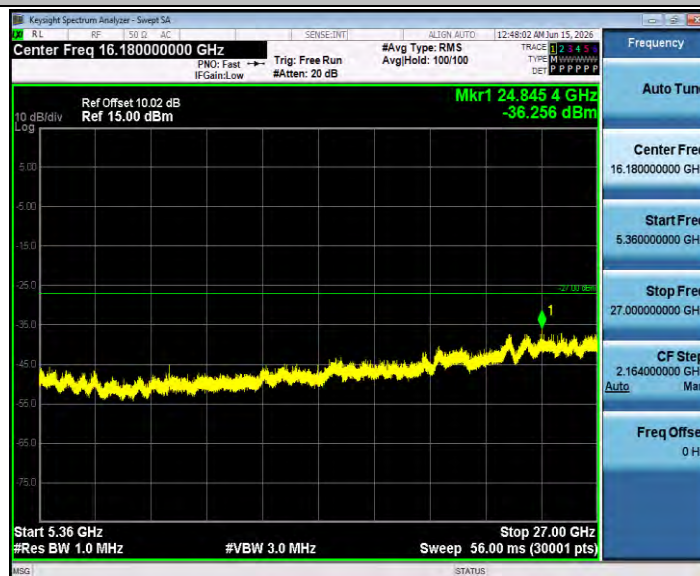
11N20SISO_Ant4_5180_5360~27000



11N20SISO_Ant4_5200_30~5140



11N20SISO_Ant4_5200_5360~27000



11N20SISO_Ant4_5240_30~5140



11N20SISO_Ant4_5240_5360~27000



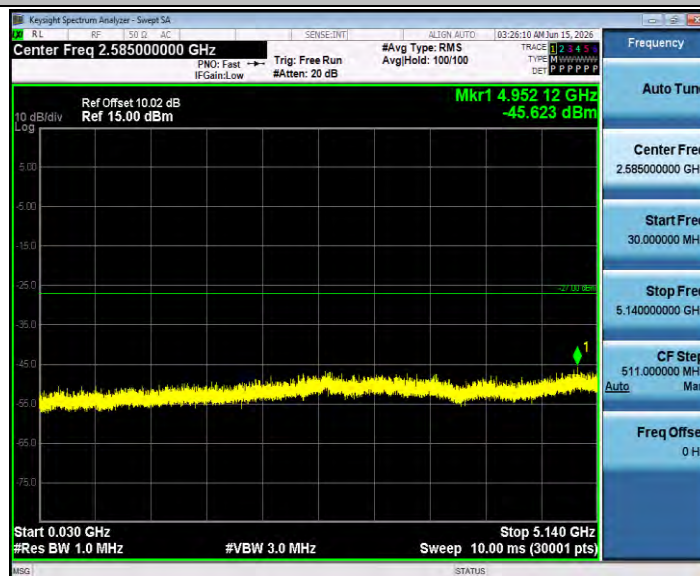
11N40SISO_Ant4_5190_30~5140



11N40SISO_Ant4_5190_5360~27000



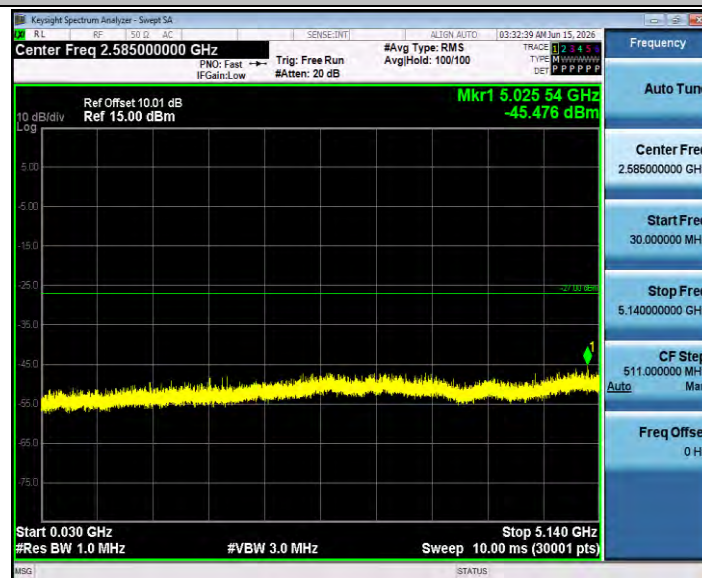
11N40SISO_Ant4_5230_30~5140



11N40SISO_Ant4_5230_5360~27000



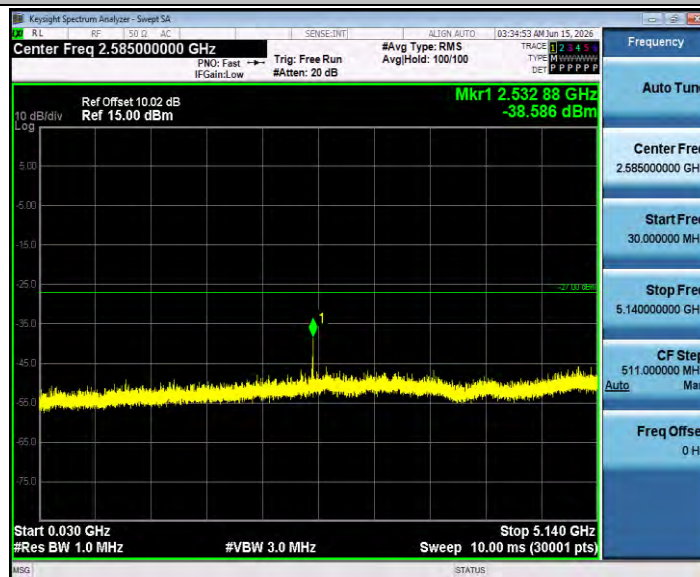
11AC20SISO_Ant4_5180_30~5140



11AC20SISO_Ant4_5180_5360~27000



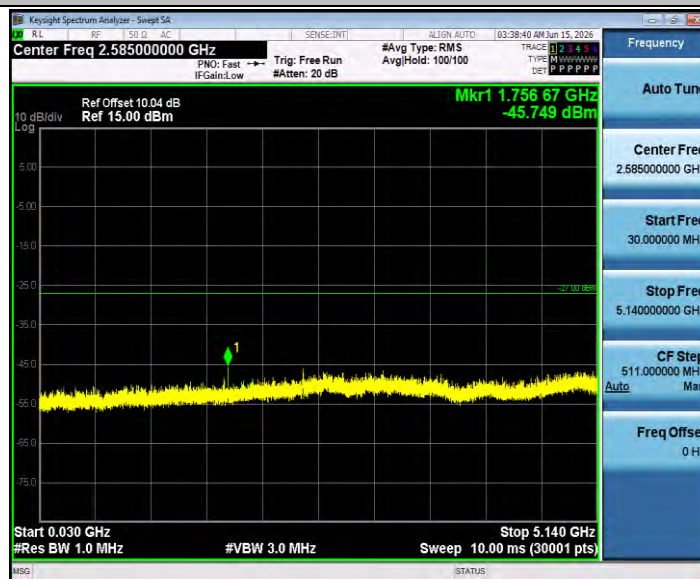
11AC20SISO_Ant4_5200_30~5140



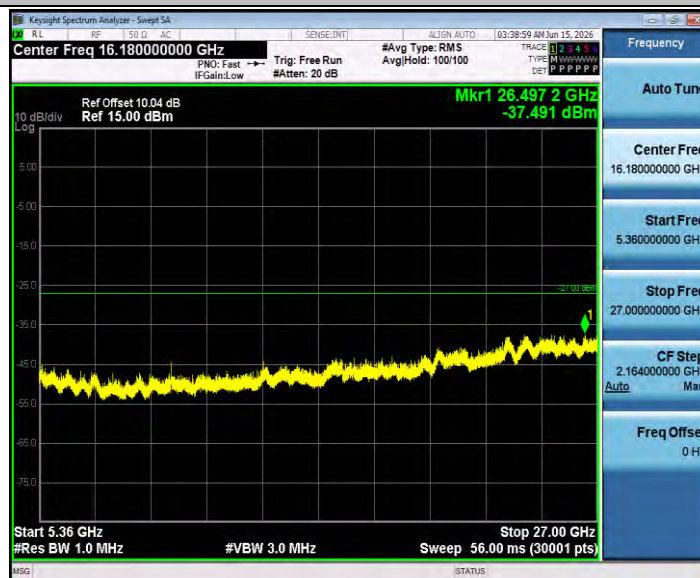
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11AC20SISO_Ant4_5240_30~5140



11AC20SISO_Ant4_5240_5360~27000



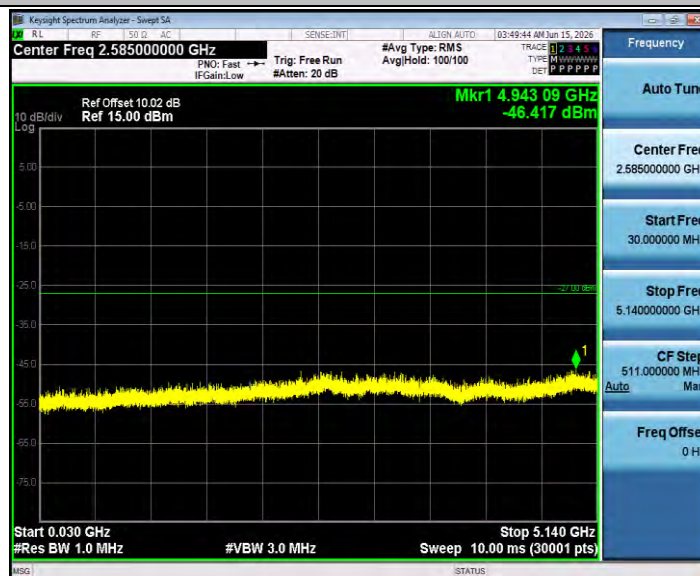
11AC40SISO_Ant4_5190_30~5140



11AC40SISO_Ant4_5190_5360~27000



11AC40SISO_Ant4_5230_30~5140



11AC40SISO_Ant4_5230_5360~27000



11AC80SISO_Ant4_5210_30~5140



11AC80SISO_Ant4_5210_5360~27000

