

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	18.560	5170.640	5189.200	---	---
		5200	18.560	5190.640	5209.200	---	---
		5240	21.920	5229.200	5251.120	---	---
11N20SISO	Ant1	5180	19.520	5170.280	5189.800	---	---
		5200	19.440	5190.320	5209.760	---	---
		5240	19.560	5230.240	5249.800	---	---
11N40SISO	Ant1	5190	41.360	5169.520	5210.880	---	---
		5230	41.360	5209.440	5250.800	---	---
11AC20SISO	Ant1	5180	19.560	5170.240	5189.800	---	---
		5200	19.440	5190.280	5209.720	---	---
		5240	19.600	5230.240	5249.840	---	---
11AC40SISO	Ant1	5190	41.280	5169.520	5210.800	---	---
		5230	41.040	5209.600	5250.640	---	---
11AC80SISO	Ant1	5210	81.280	5169.520	5250.800	---	---

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

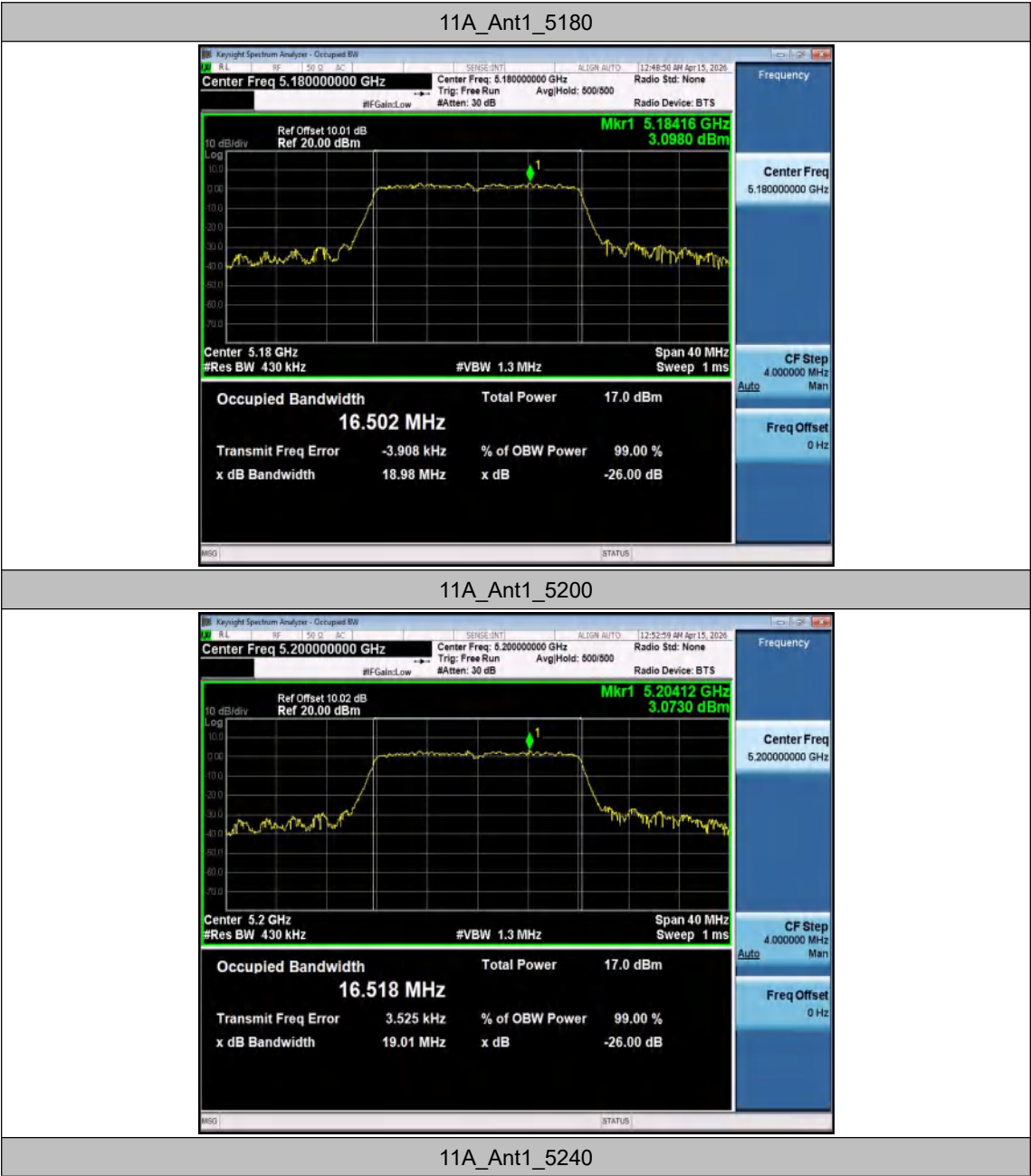


Appendix D.2: Occupied channel bandwidth

Test Result

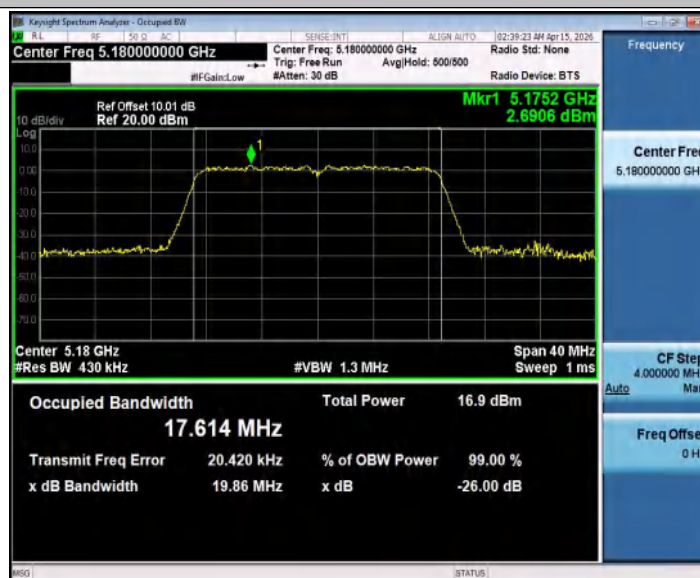
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.502	5171.7451	5188.2471	---	---
		5200	16.518	5191.7445	5208.2625	---	---
		5240	16.615	5231.6975	5248.3125	---	---
11N20SISO	Ant1	5180	17.614	5171.2134	5188.8274	---	---
		5200	17.621	5191.2072	5208.8282	---	---
		5240	17.626	5231.2038	5248.8298	---	---
11N40SISO	Ant1	5190	36.384	5171.9231	5208.3071	---	---
		5230	36.373	5211.9299	5248.3029	---	---
11AC20SISO	Ant1	5180	17.635	5171.2015	5188.8365	---	---
		5200	17.642	5191.2021	5208.8441	---	---
		5240	17.651	5231.1973	5248.8483	---	---
11AC40SISO	Ant1	5190	36.347	5171.9335	5208.2805	---	---
		5230	36.338	5211.9345	5248.2725	---	---
11AC80SISO	Ant1	5210	74.651	5172.8487	5247.4997	---	---

Test Graphs

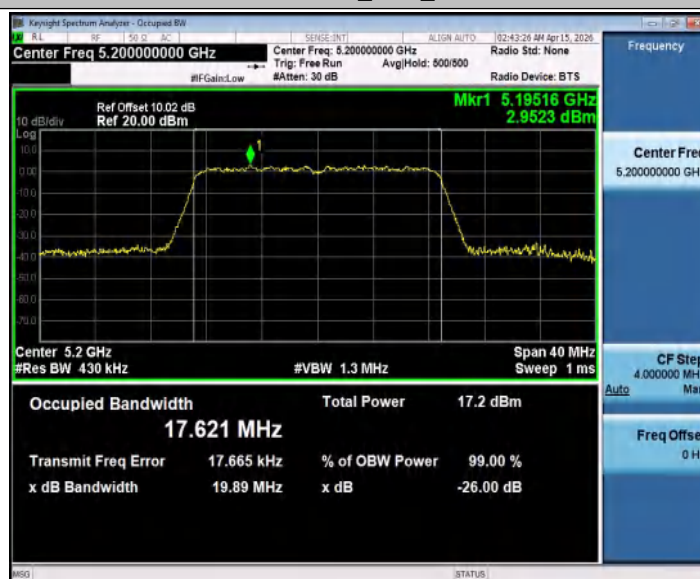




11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



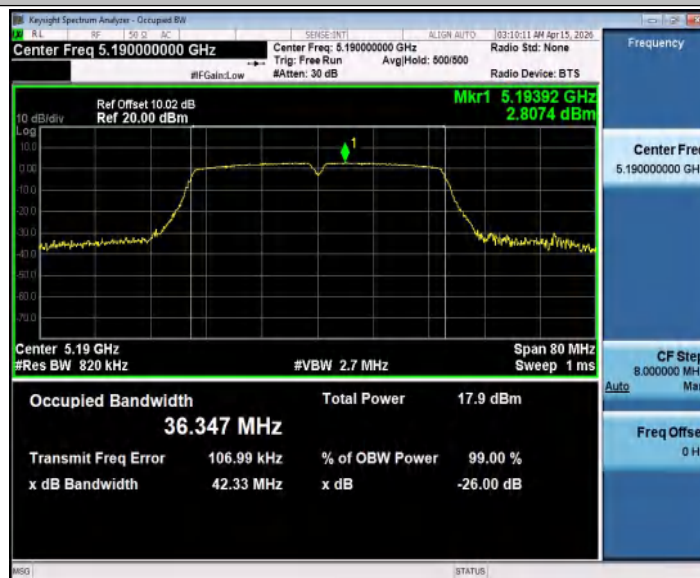
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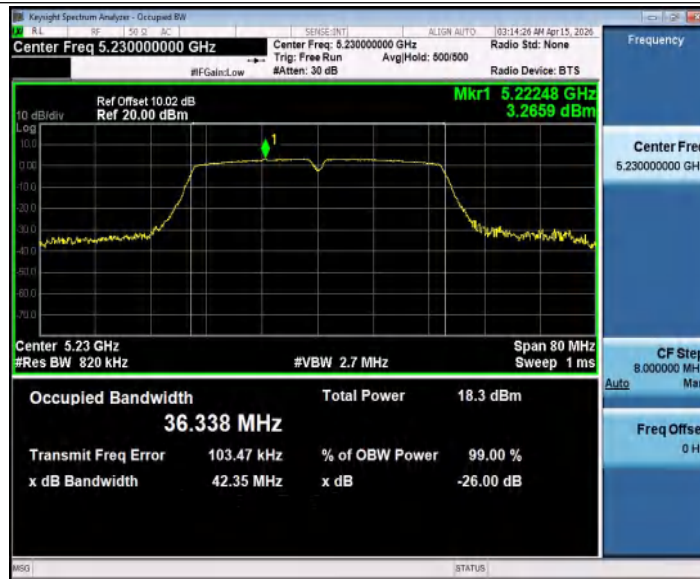
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



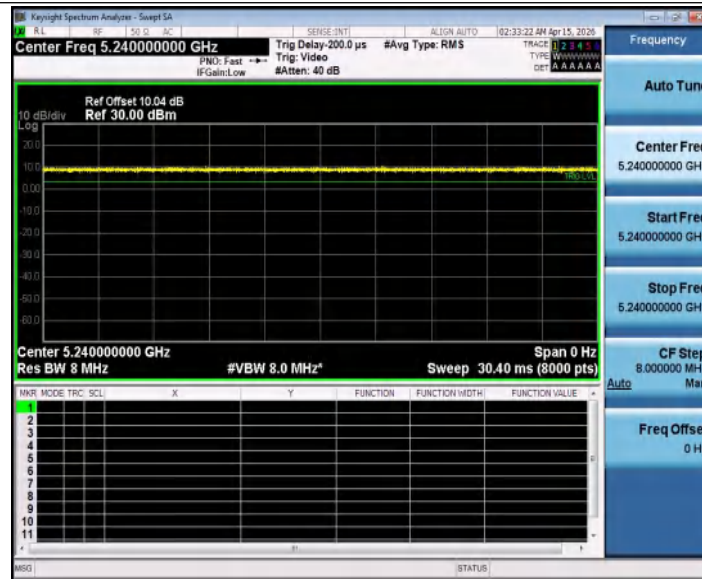
11AC80SISO_Ant1_5210



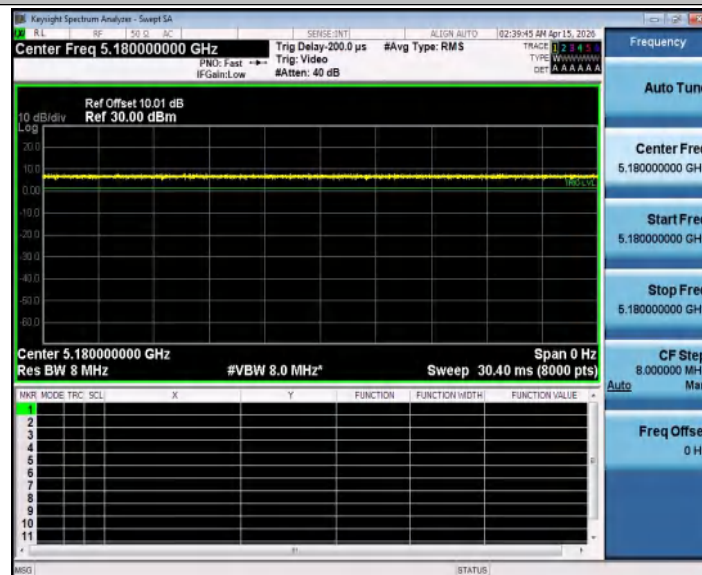
Appendix D.3: Duty Cycle

Test Result

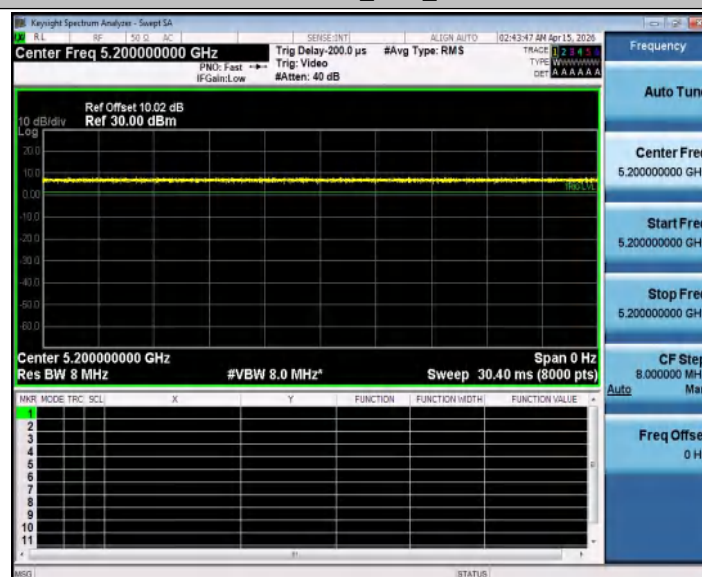
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant1	5180	30.00	30.00	100.00	0.00	0.03
		5200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



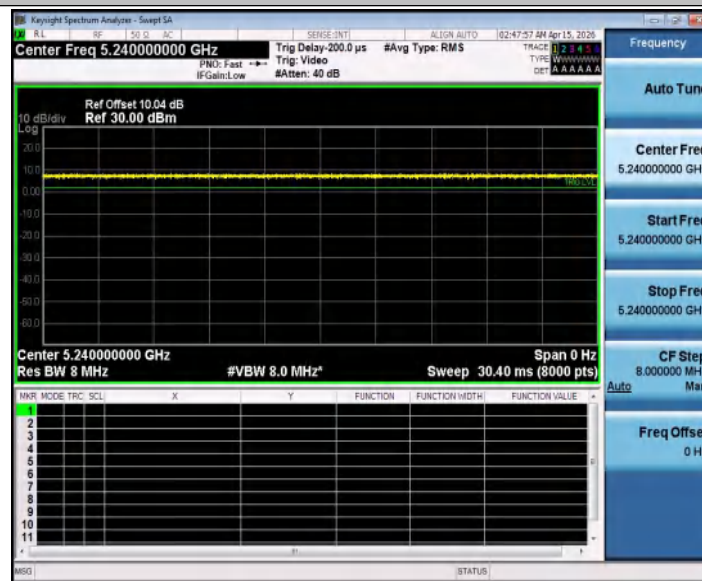
11N20SISO_Ant1_5180



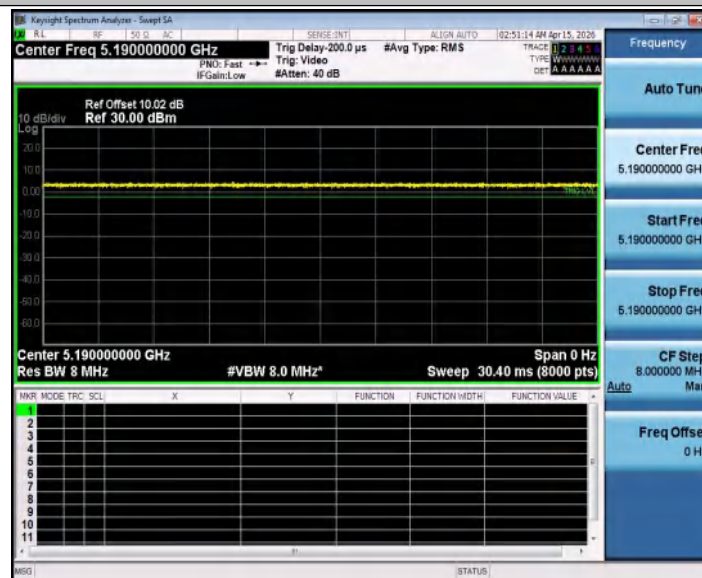
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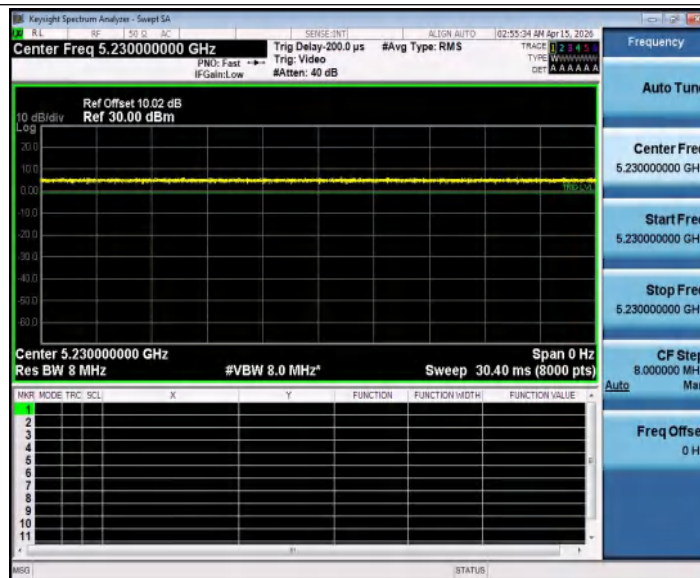
11N20SISO_Ant1_5240



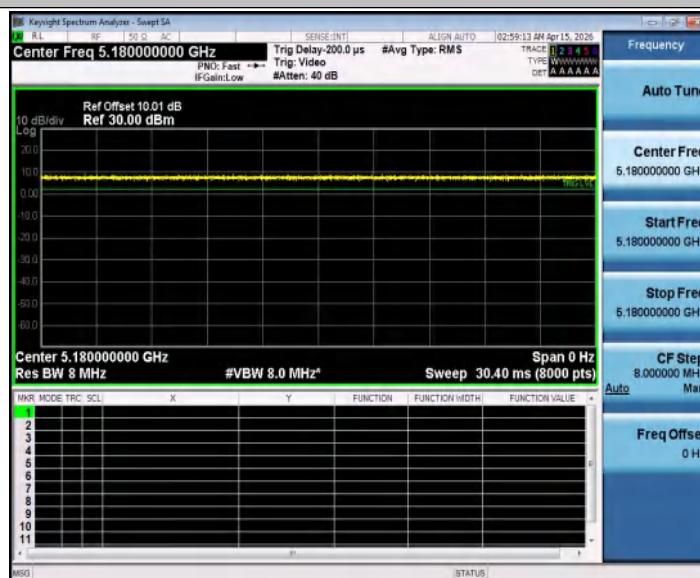
11N40SISO_Ant1_5190



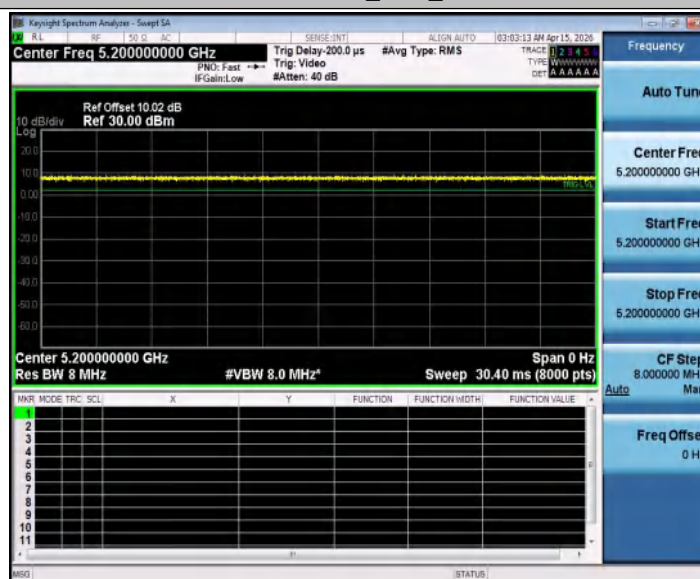
11N40SISO_Ant1_5230

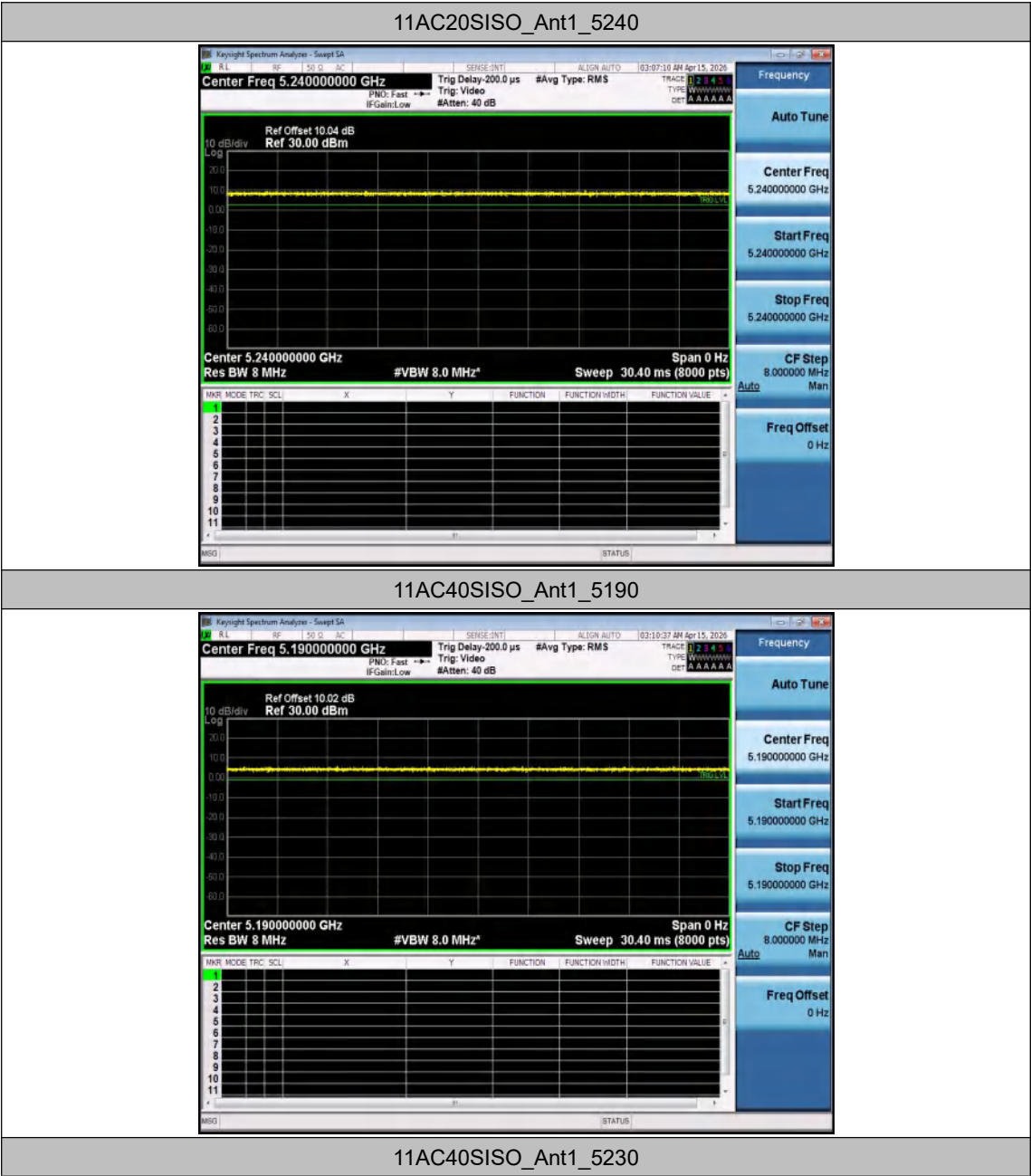


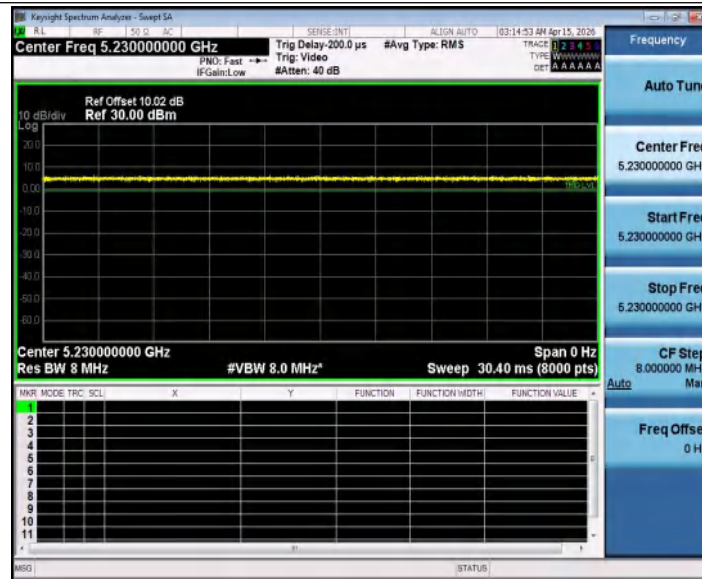
11AC20SISO_Ant1_5180



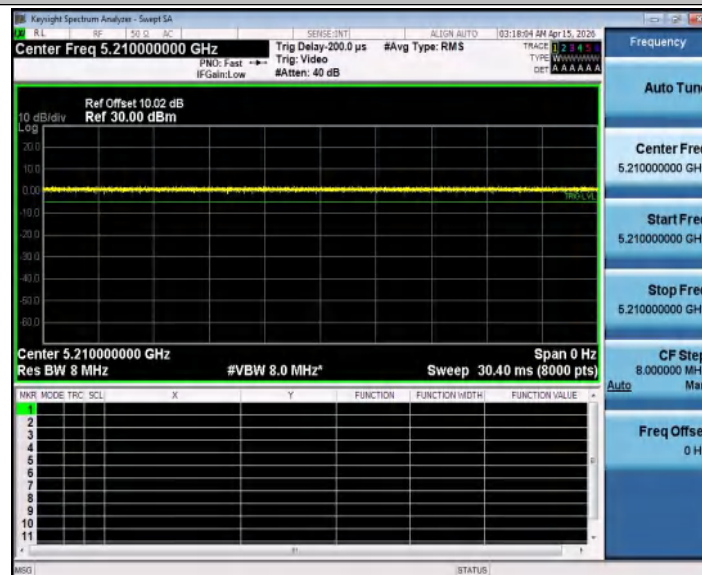
11AC20SISO_Ant1_5200







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	10.59	100.00	0.00	10.59	≤23.98	PASS
		5200	10.53	100.00	0.00	10.53	≤23.98	PASS
		5240	12.00	100.00	0.00	12.00	≤23.98	PASS
11N20SISO	Ant1	5180	10.26	100.00	0.00	10.26	≤23.98	PASS
		5200	10.45	100.00	0.00	10.45	≤23.98	PASS
		5240	10.83	100.00	0.00	10.83	≤23.98	PASS
11N40SISO	Ant1	5190	9.73	100.00	0.00	9.73	≤23.98	PASS
		5230	11.28	100.00	0.00	11.28	≤23.98	PASS
11AC20SISO	Ant1	5180	11.20	100.00	0.00	11.20	≤23.98	PASS
		5200	11.37	100.00	0.00	11.37	≤23.98	PASS
		5240	11.80	100.00	0.00	11.80	≤23.98	PASS
11AC40SISO	Ant1	5190	10.73	100.00	0.00	10.73	≤23.98	PASS
		5230	11.14	100.00	0.00	11.14	≤23.98	PASS
11AC80SISO	Ant1	5210	10.53	100.00	0.00	10.53	≤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	-1.23	≤11.00	PASS
		5200	-1.24	≤11.00	PASS
		5240	0.25	≤11.00	PASS
11N20SISO	Ant1	5180	-1.77	≤11.00	PASS
		5200	-1.54	≤11.00	PASS
		5240	-1.12	≤11.00	PASS
11N40SISO	Ant1	5190	-4.83	≤11.00	PASS
		5230	-3.19	≤11.00	PASS
11AC20SISO	Ant1	5180	-0.89	≤11.00	PASS
		5200	-0.66	≤11.00	PASS
		5240	-0.20	≤11.00	PASS
11AC40SISO	Ant1	5190	-3.74	≤11.00	PASS
		5230	-3.36	≤11.00	PASS
11AC80SISO	Ant1	5210	-6.74	≤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_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



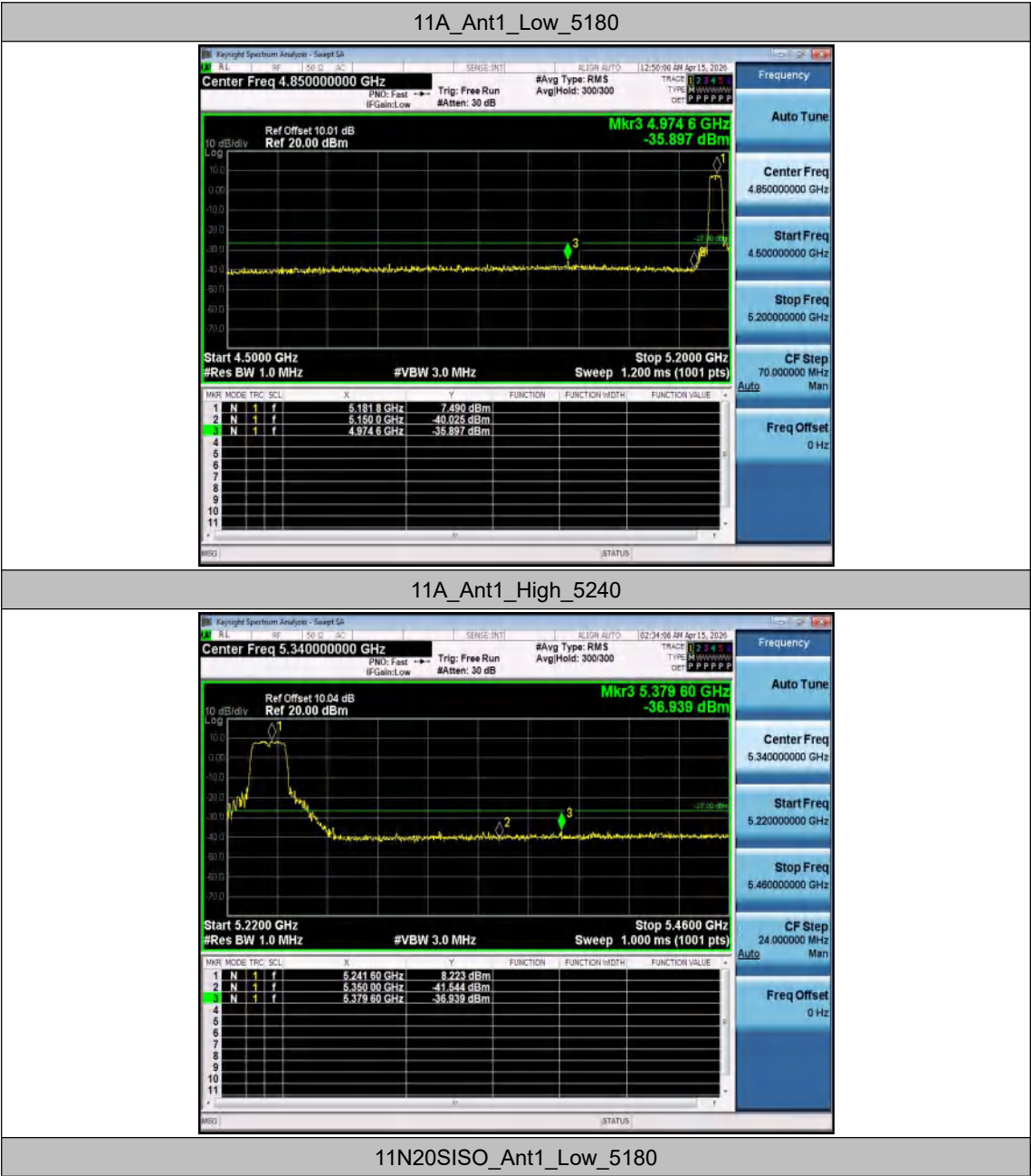
11AC80SISO_Ant1_5210

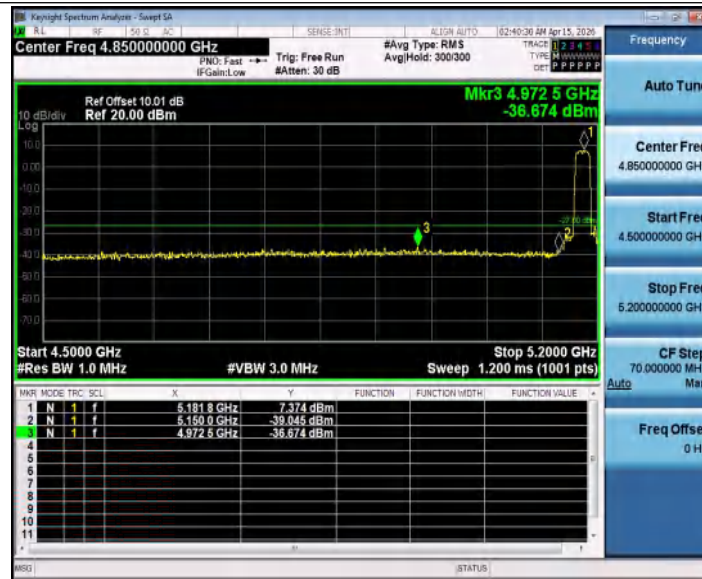


Appendix D.6: Band edge measurements

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-35.9	≤ -27	PASS
		High	5240	-36.94	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-36.67	≤ -27	PASS
		High	5240	-37.18	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-35.41	≤ -27	PASS
		High	5230	-37.05	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-36.3	≤ -27	PASS
		High	5240	-37.17	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-35.57	≤ -27	PASS
		High	5230	-37.49	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-34.05	≤ -27	PASS
		High	5210	-36.2	≤ -27	PASS

Test Graphs

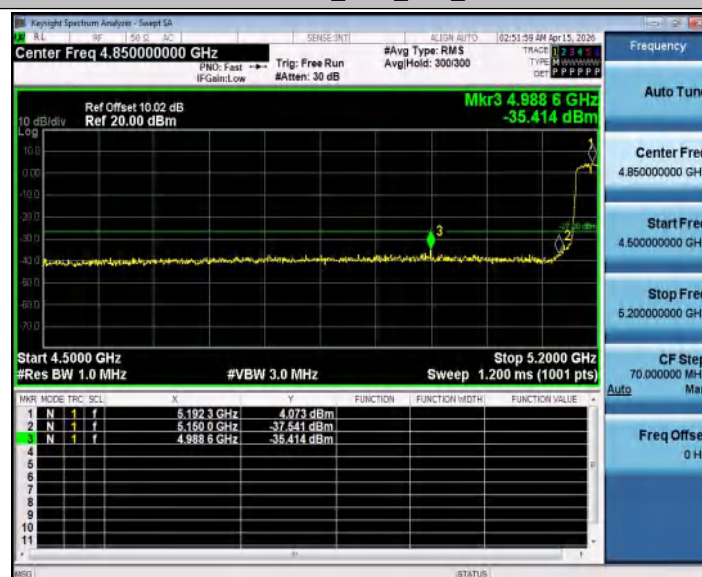




11N20SISO_Ant1_High_5240



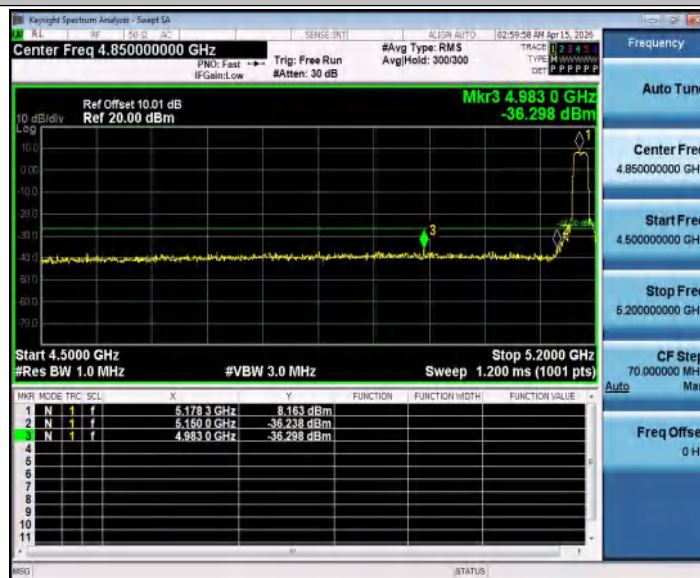
11N40SISO_Ant1_Low_5190



11N40SISO_Ant1_High_5230



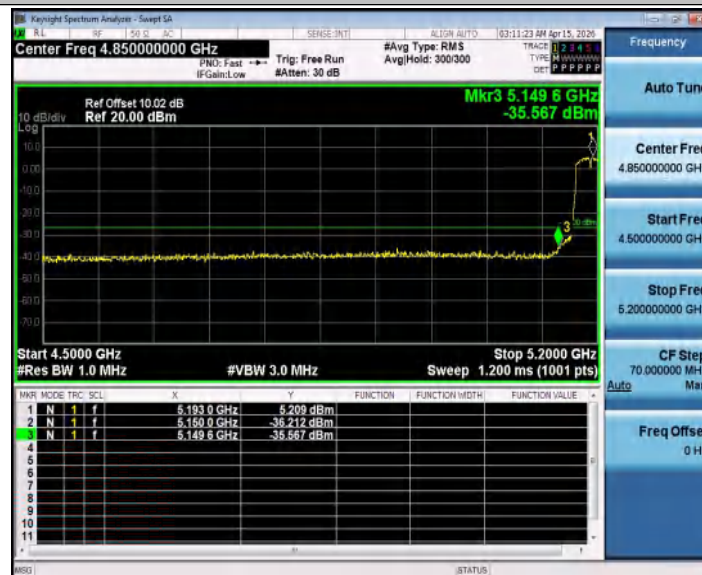
11AC20SISO_Ant1_Low_5180



11AC20SISO_Ant1_High_5240



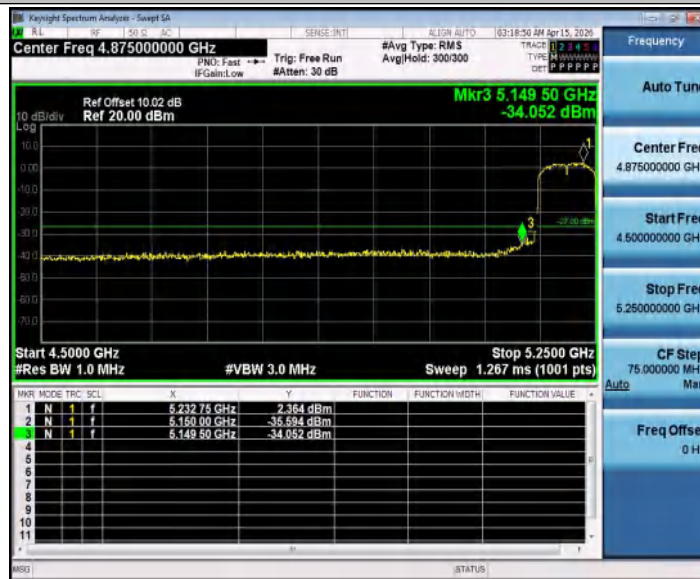
11AC40SISO_Ant1_Low_5190



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	80.25	-40.15	≤-27	PASS
			5360~27000	24216.37	-36.89	≤-27	PASS
		5200	30~5140	80.25	-40.75	≤-27	PASS
			5360~27000	24300.77	-37.08	≤-27	PASS
		5240	30~5140	120.28	-41.62	≤-27	PASS
			5360~27000	25153.39	-36.54	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	120.28	-40.97	≤-27	PASS
			5360~27000	26761.96	-36.57	≤-27	PASS
		5200	30~5140	120.28	-41.42	≤-27	PASS
			5360~27000	26106.99	-37.04	≤-27	PASS
		5240	30~5140	120.28	-41.59	≤-27	PASS
			5360~27000	24222.87	-36.88	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	31.7	-38.17	≤-27	PASS
			5360~27000	26974.03	-36.82	≤-27	PASS
		5230	30~5140	30.34	-36.85	≤-27	PASS
			5360~27000	25257.98	-37.08	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	120.62	-42.72	≤-27	PASS
			5360~27000	24264.7	-36.91	≤-27	PASS
		5200	30~5140	120.28	-42.51	≤-27	PASS
			5360~27000	26908.39	-37.21	≤-27	PASS
		5240	30~5140	120.28	-42.33	≤-27	PASS
			5360~27000	26984.13	-36.95	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	31.19	-36.24	≤-27	PASS
			5360~27000	24198.34	-37.24	≤-27	PASS
		5230	30~5140	30.51	-35.29	≤-27	PASS
			5360~27000	24138.47	-36.85	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	59.81	-30.25	≤-27	PASS
			5360~27000	24326.02	-36.56	≤-27	PASS

Test Graphs

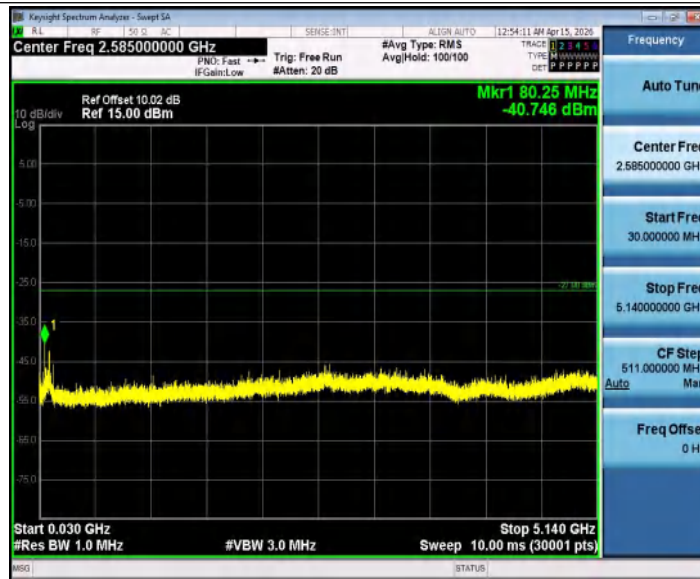
11A_Ant1_5180_30~5140



11A_Ant1_5180_5360~27000



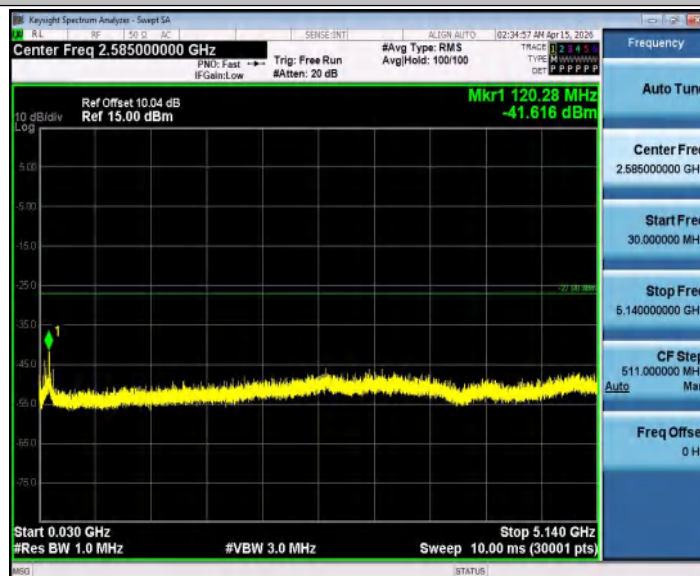
11A_Ant1_5200_30~5140



11A_Ant1_5200_5360~27000



11A_Ant1_5240_30~5140



11A_Ant1_5240_5360~27000



11N20SISO_Ant1_5180_30~5140



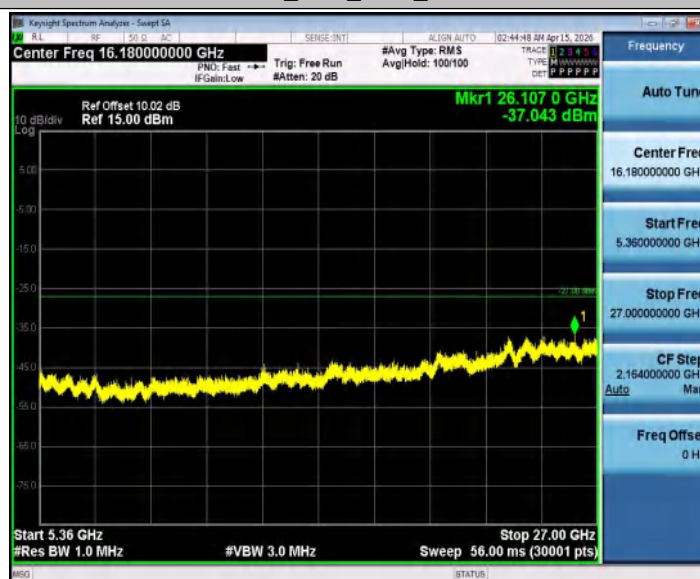
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11N20SISO_Ant1_5200_30~5140



11N20SISO_Ant1_5200_5360~27000



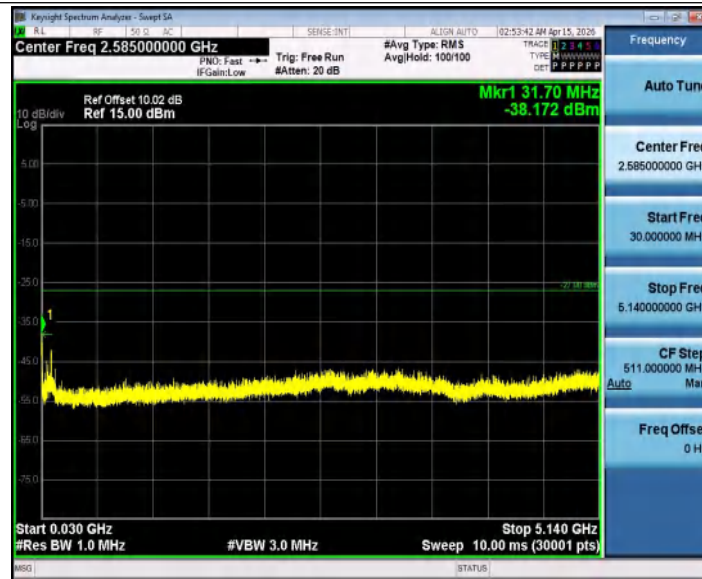
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11N20SISO_Ant1_5240_5360~27000



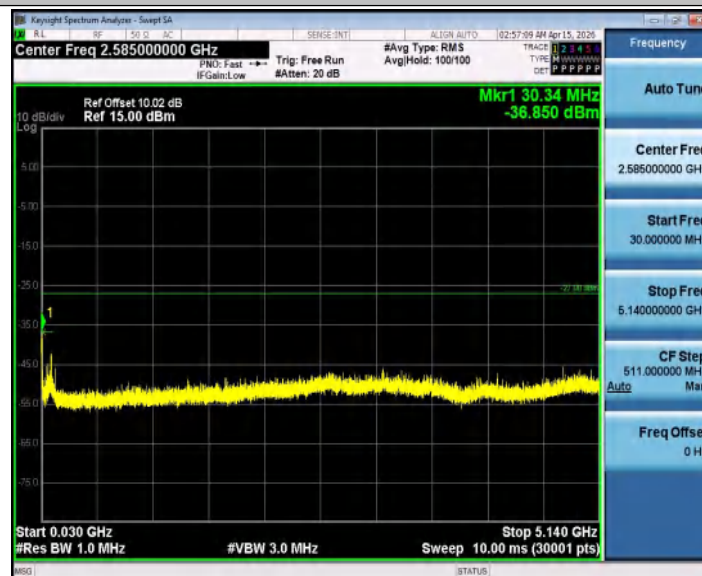
11N40SISO_Ant1_5190_30~5140



11N40SISO_Ant1_5190_5360~27000



11N40SISO_Ant1_5230_30~5140



11N40SISO_Ant1_5230_5360~27000



11AC20SISO_Ant1_5180_30~5140



11AC20SISO_Ant1_5180_5360~27000



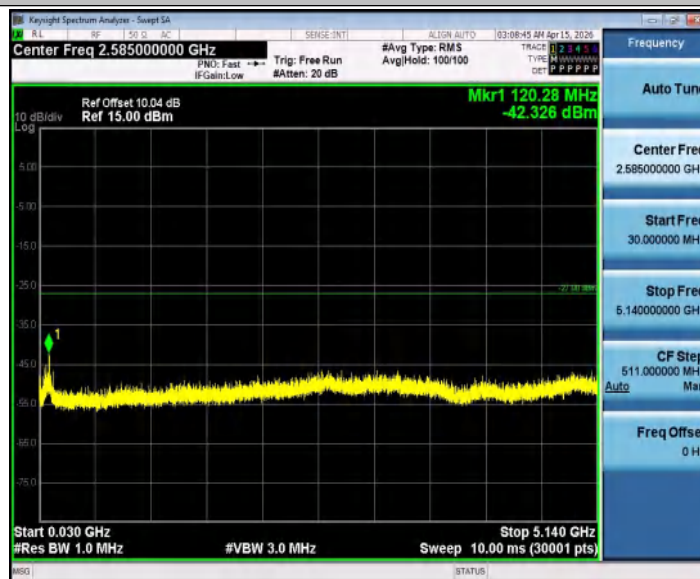
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11AC20SISO_Ant1_5200_5360~27000



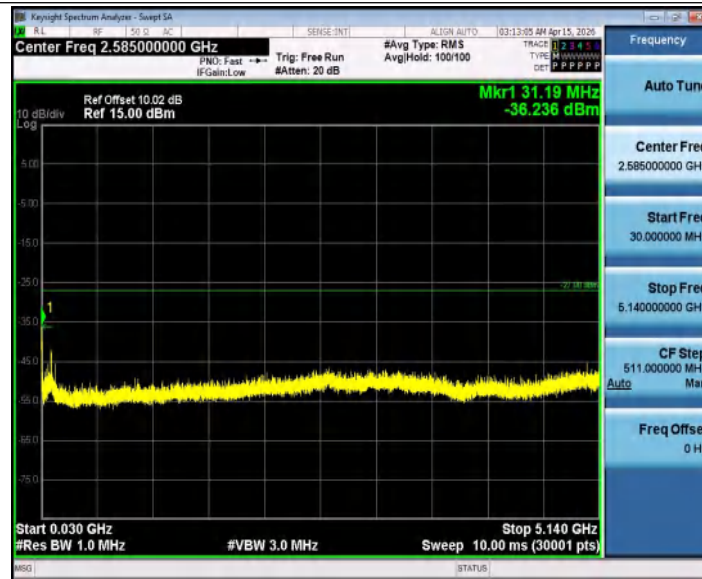
11AC20SISO_Ant1_5240_30~5140



11AC20SISO_Ant1_5240_5360~27000



11AC40SISO_Ant1_5190_30~5140



11AC40SISO_Ant1_5190_5360~27000



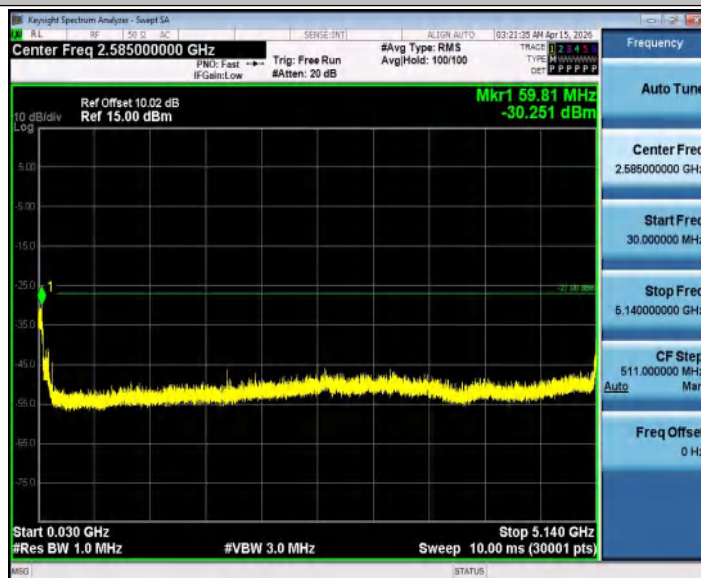
11AC40SISO_Ant1_5230_30~5140



11AC40SISO_Ant1_5230_5360~27000



11AC80SISO_Ant1_5210_30~5140



11AC80SISO_Ant1_5210_5360~27000

