

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	Ant3	5180	20.280	5169.800	5190.080	---	---
		5200	20.360	5189.720	5210.080	---	---
		5240	20.440	5229.600	5250.040	---	---
11N20SISO	Ant3	5180	21.000	5169.520	5190.520	---	---
		5200	21.120	5189.360	5210.480	---	---
		5240	21.320	5229.160	5250.480	---	---
11N40SISO	Ant3	5190	43.120	5168.400	5211.520	---	---
		5230	43.680	5207.920	5251.600	---	---
11AC20SISO	Ant3	5180	21.000	5169.440	5190.440	---	---
		5200	21.120	5189.400	5210.520	---	---
		5240	21.200	5229.280	5250.480	---	---
11AC40SISO	Ant3	5190	43.120	5168.400	5211.520	---	---
		5230	43.360	5208.160	5251.520	---	---
11AC80SISO	Ant3	5210	82.560	5169.200	5251.760	---	---

Test Graphs

11A_Ant3_5180



11A_Ant3_5200



11A_Ant3_5240



11N20SISO_Ant3_5180



11N20SISO_Ant3_5200



11N20SISO_Ant3_5240



11N40SISO_Ant3_5190



11N40SISO_Ant3_5230



11AC20SISO_Ant3_5180



11AC20SISO_Ant3_5200



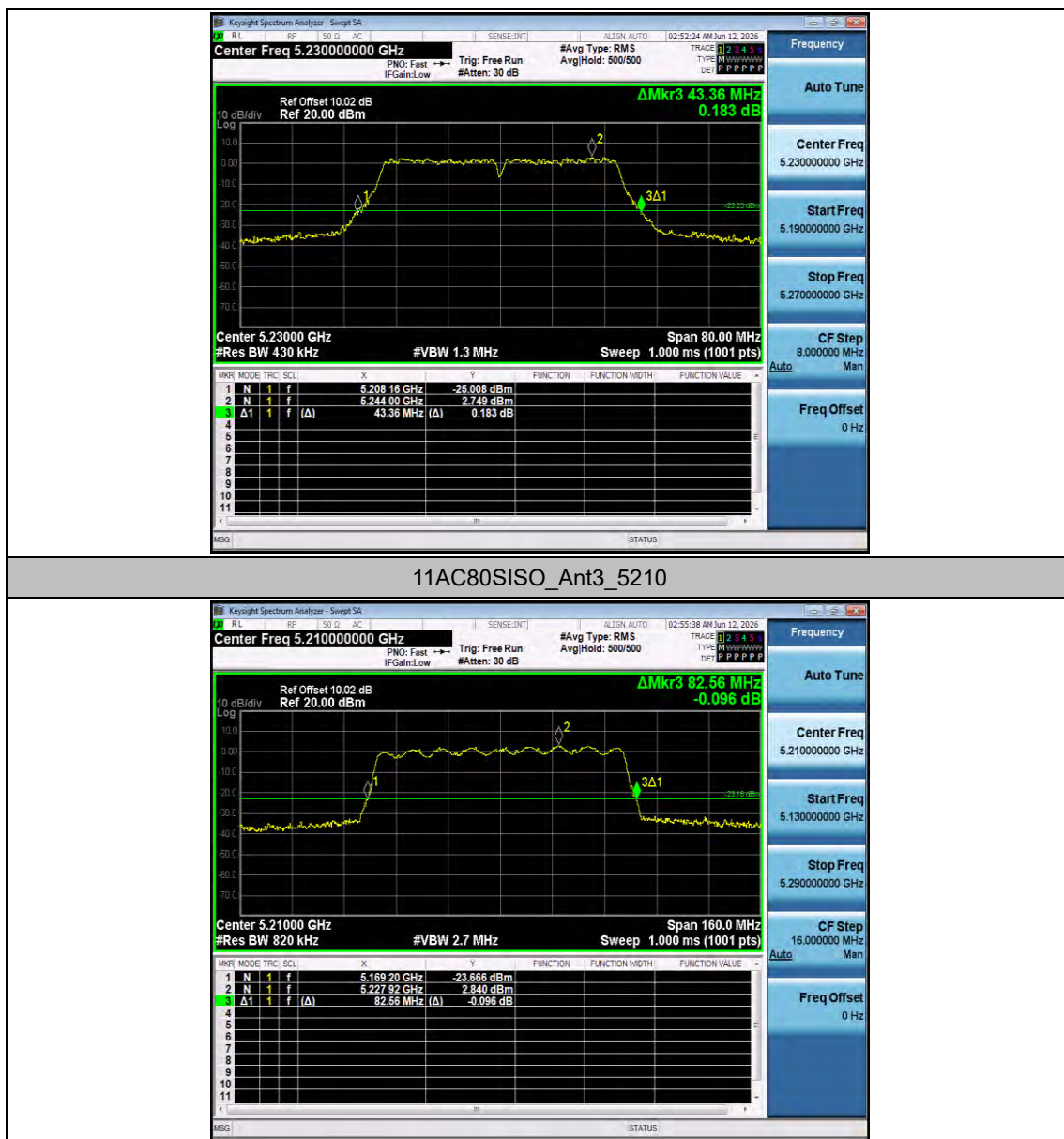
11AC20SISO Ant3 5240



11AC40SISO Ant3 5190



11AC40SISO Ant3 5230

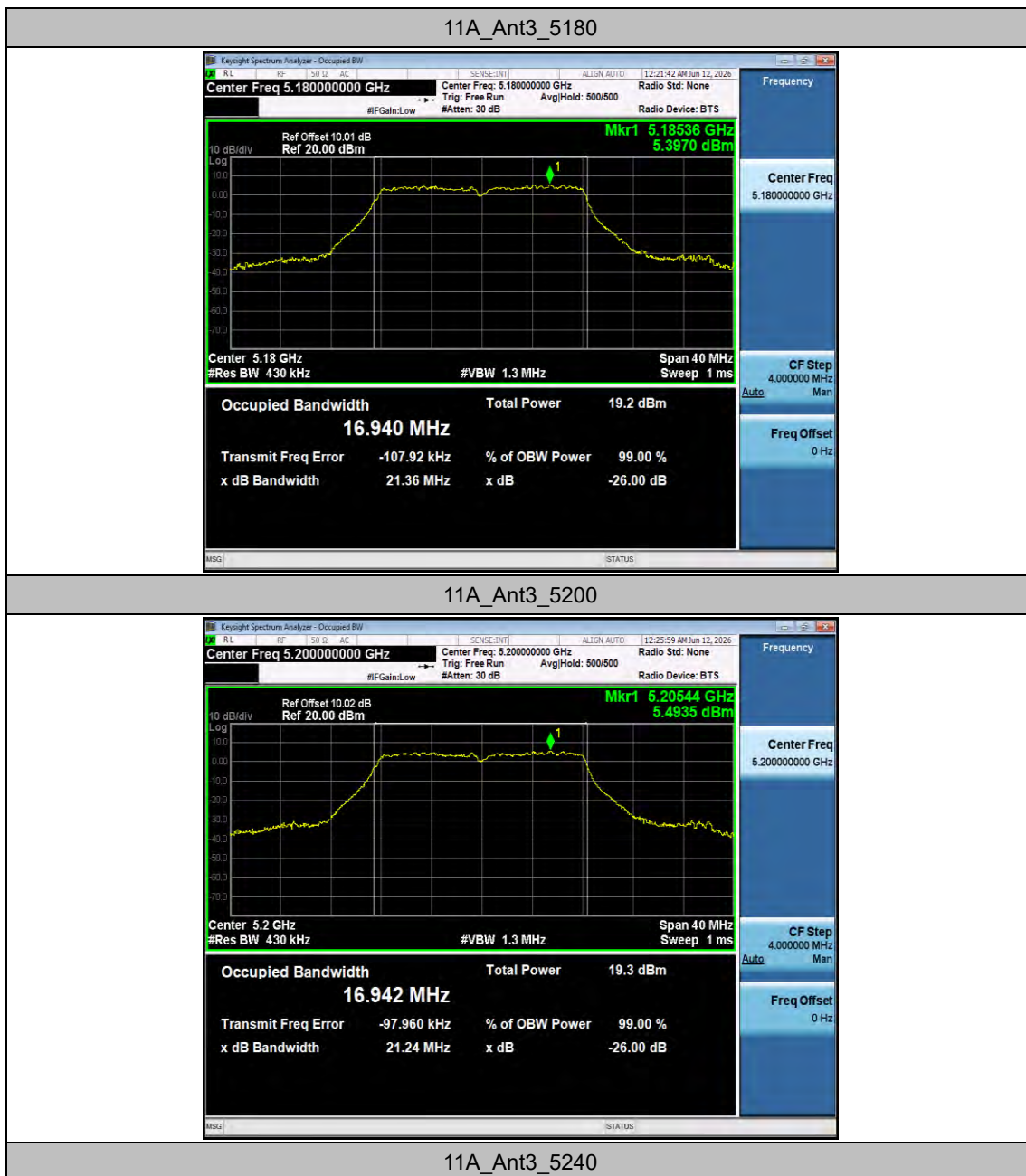


Appendix B.2: Occupied channel bandwidth

Test Result

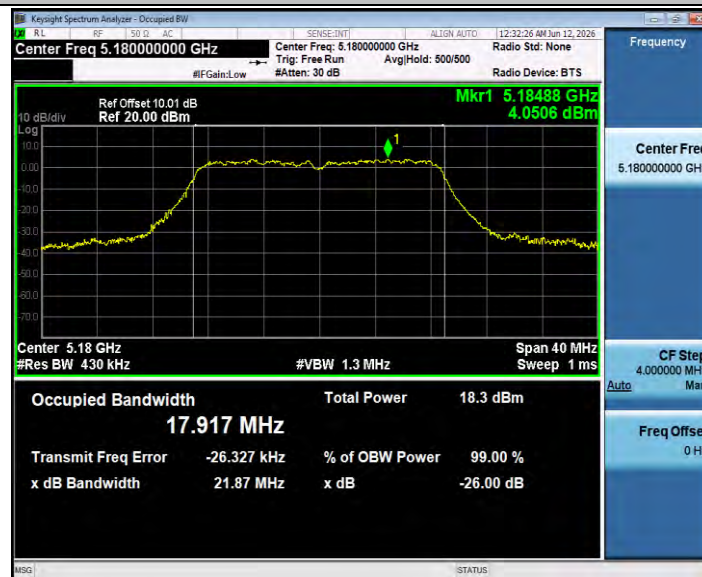
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant3	5180	16.940	5171.4221	5188.3621	---	---
		5200	16.942	5191.4310	5208.3730	---	---
		5240	16.953	5231.4000	5248.3530	---	---
11N20SISO	Ant3	5180	17.917	5171.0152	5188.9322	---	---
		5200	17.904	5191.0222	5208.9262	---	---
		5240	17.919	5230.9778	5248.8968	---	---
11N40SISO	Ant3	5190	37.078	5171.5937	5208.6717	---	---
		5230	37.123	5211.4372	5248.5602	---	---
11AC20SISO	Ant3	5180	17.932	5171.0181	5188.9501	---	---
		5200	17.959	5190.9950	5208.9540	---	---
		5240	17.954	5230.9685	5248.9225	---	---
11AC40SISO	Ant3	5190	37.053	5171.5939	5208.6469	---	---
		5230	37.116	5211.4414	5248.5574	---	---
11AC80SISO	Ant3	5210	75.710	5172.3623	5248.0723	---	---

Test Graphs





11N20SISO_Ant3_5180



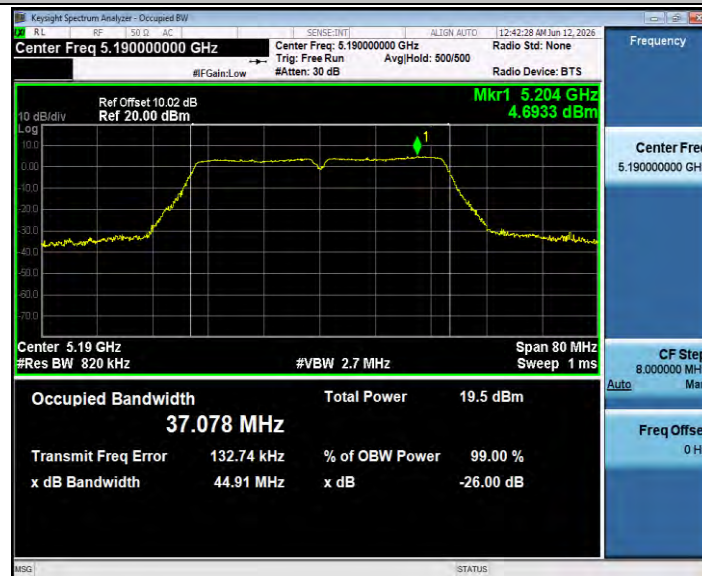
11N20SISO_Ant3_5200



11N20SISO_Ant3_5240



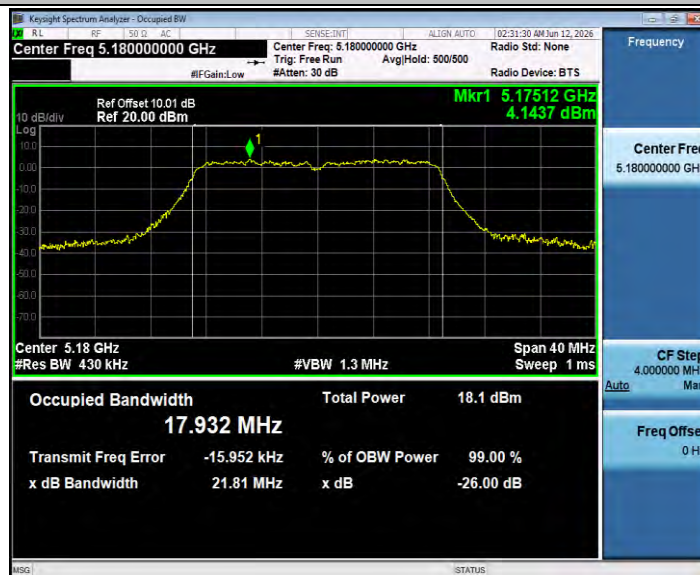
11N40SISO_Ant3_5190



11N40SISO_Ant3_5230



11AC20SISO_Ant3_5180



11AC20SISO_Ant3_5200



11AC20SISO_Ant3_5240



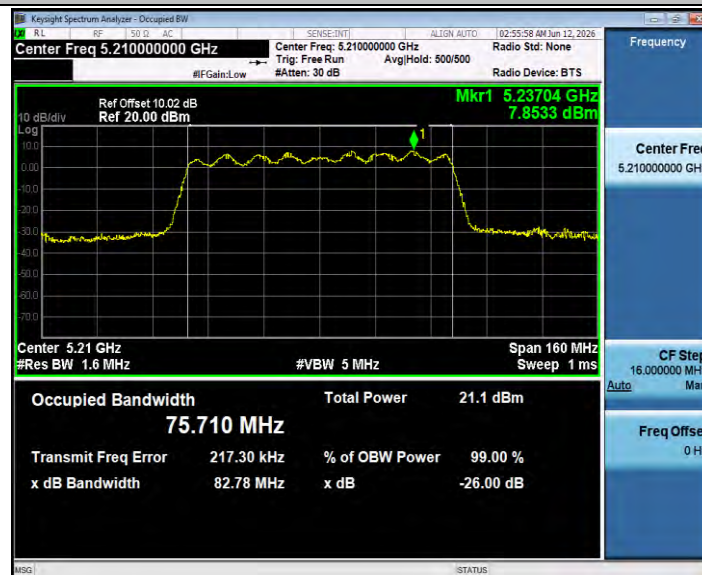
11AC40SISO_Ant3_5190



11AC40SISO_Ant3_5230



11AC80SISO_Ant3_5210



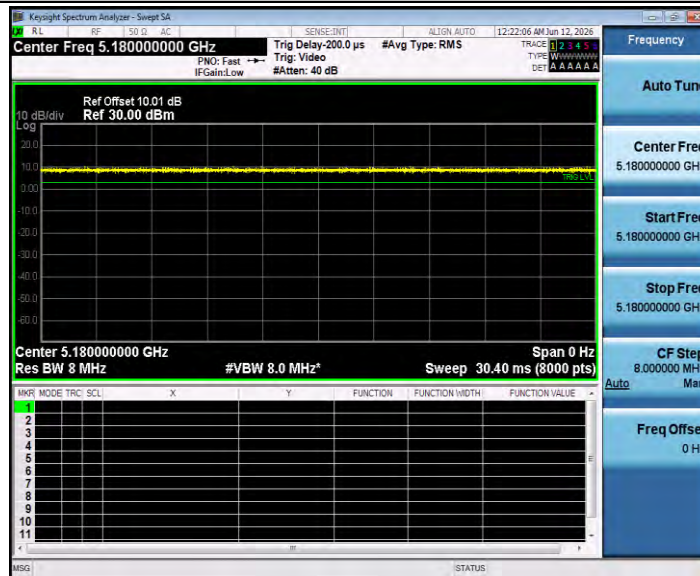
AppendixB.3: Duty Cycle

Test Result

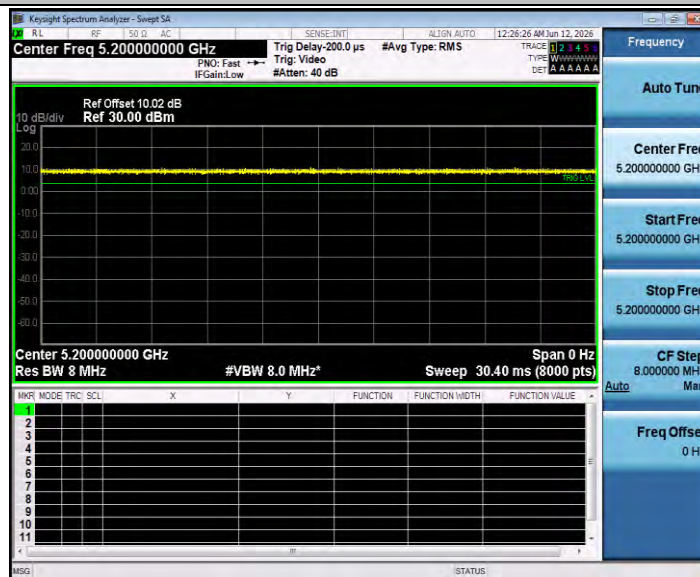
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant3	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant3	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11N40SISO	Ant3	5190	30.00	30.00	100.00	0.00	0.03
		5230	30.00	30.00	100.00	0.00	0.03
11AC20SISO	Ant3	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	Ant3	5190	30.00	30.00	100.00	0.00	0.03
		5230	30.00	30.00	100.00	0.00	0.03
11AC80SISO	Ant3	5210	30.00	30.00	100.00	0.00	0.03

Test Graphs

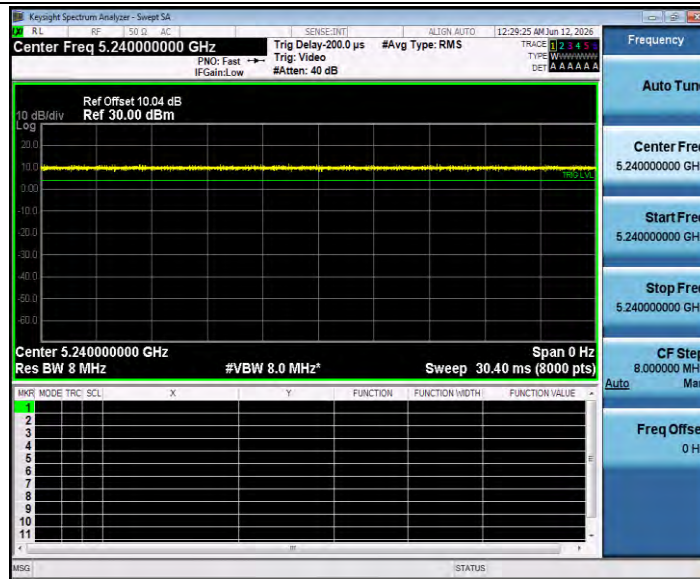
11A_Ant3_5180



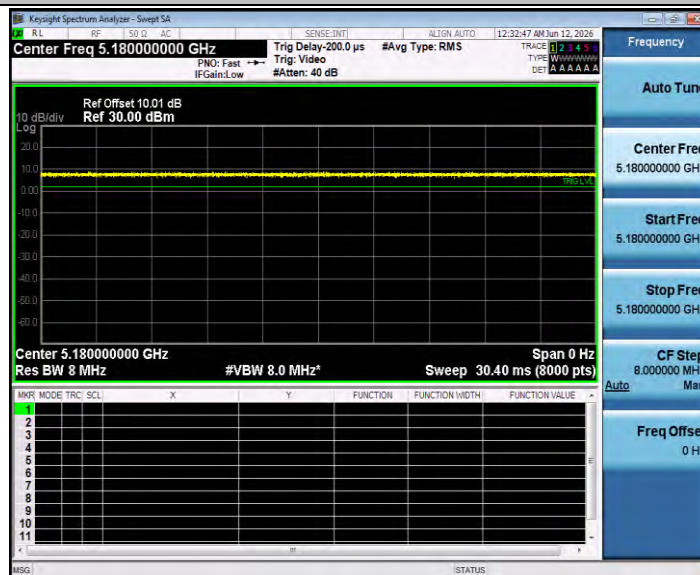
11A_Ant3_5200



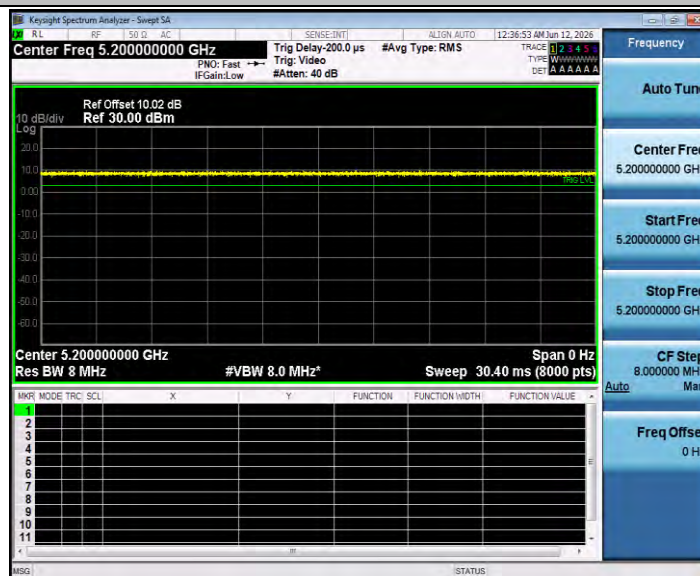
11A_Ant3_5240



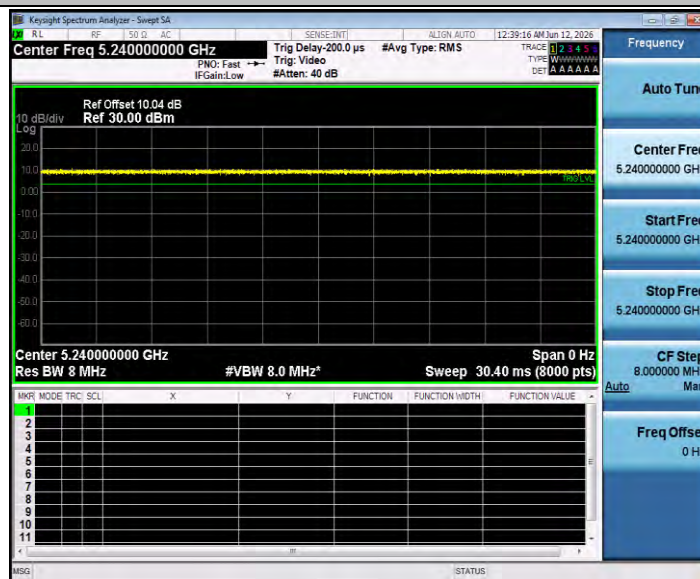
11N20SISO_Ant3_5180



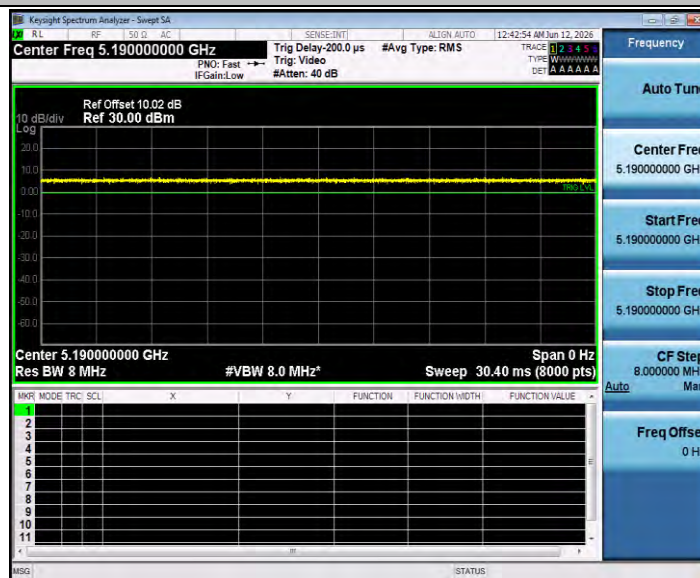
11N20SISO_Ant3_5200



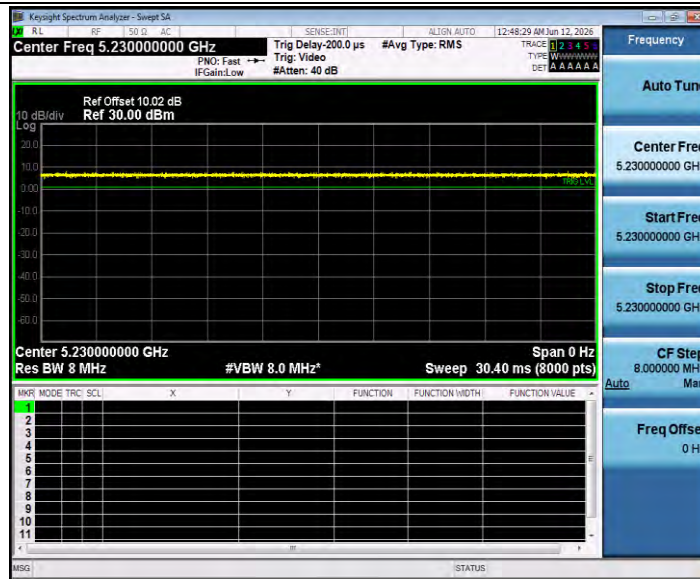
11N20SISO_Ant3_5240



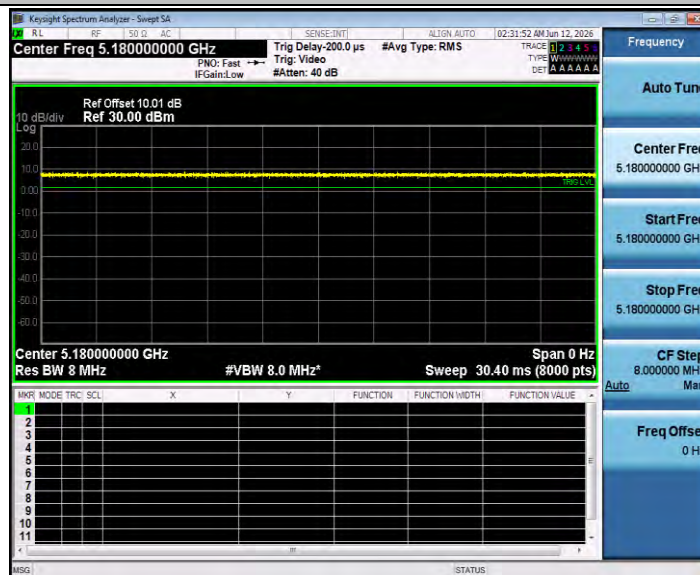
11N40SISO_Ant3_5190



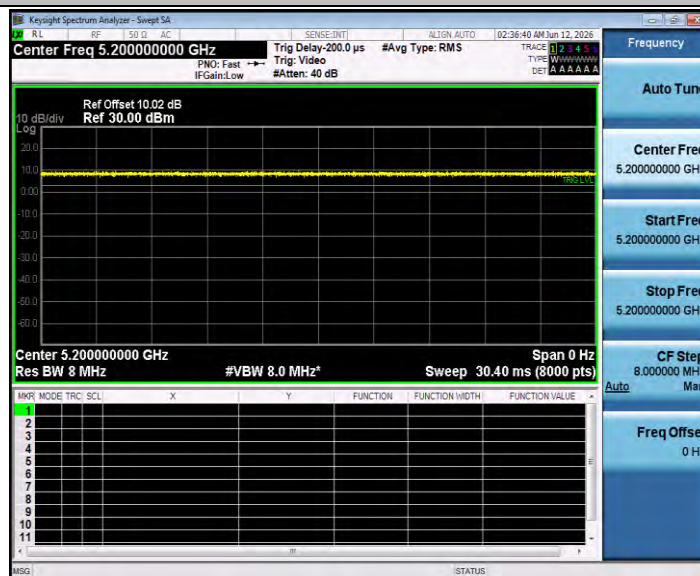
11N40SISO_Ant3_5230



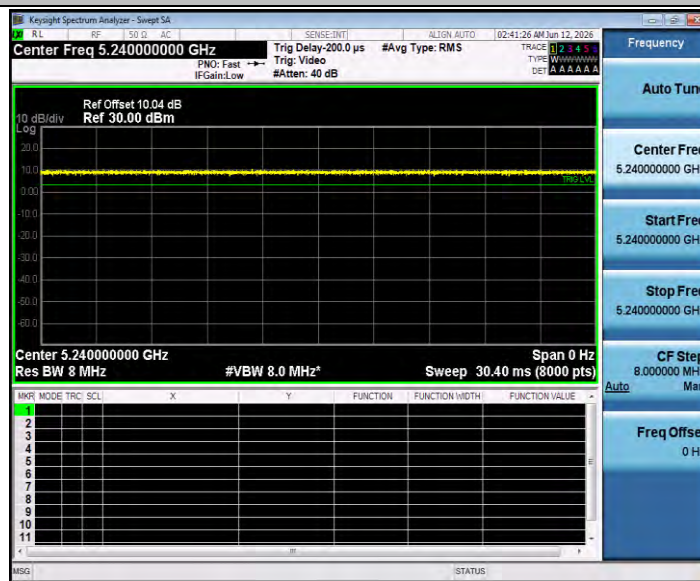
11AC20SISO_Ant3_5180



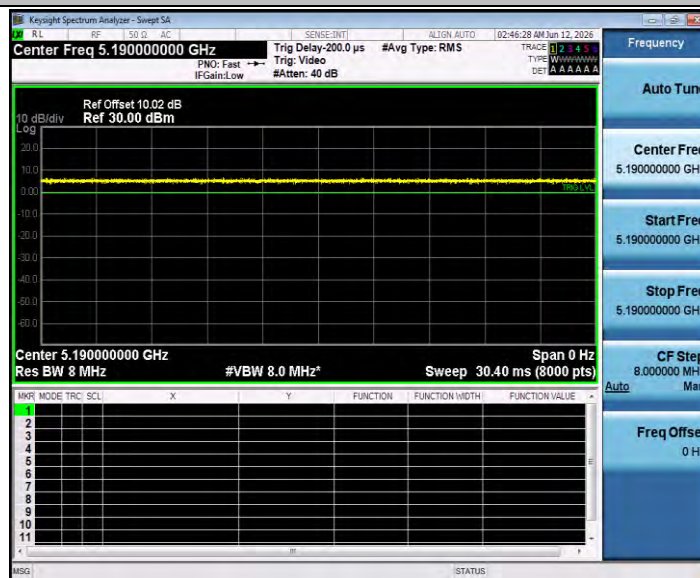
11AC20SISO_Ant3_5200



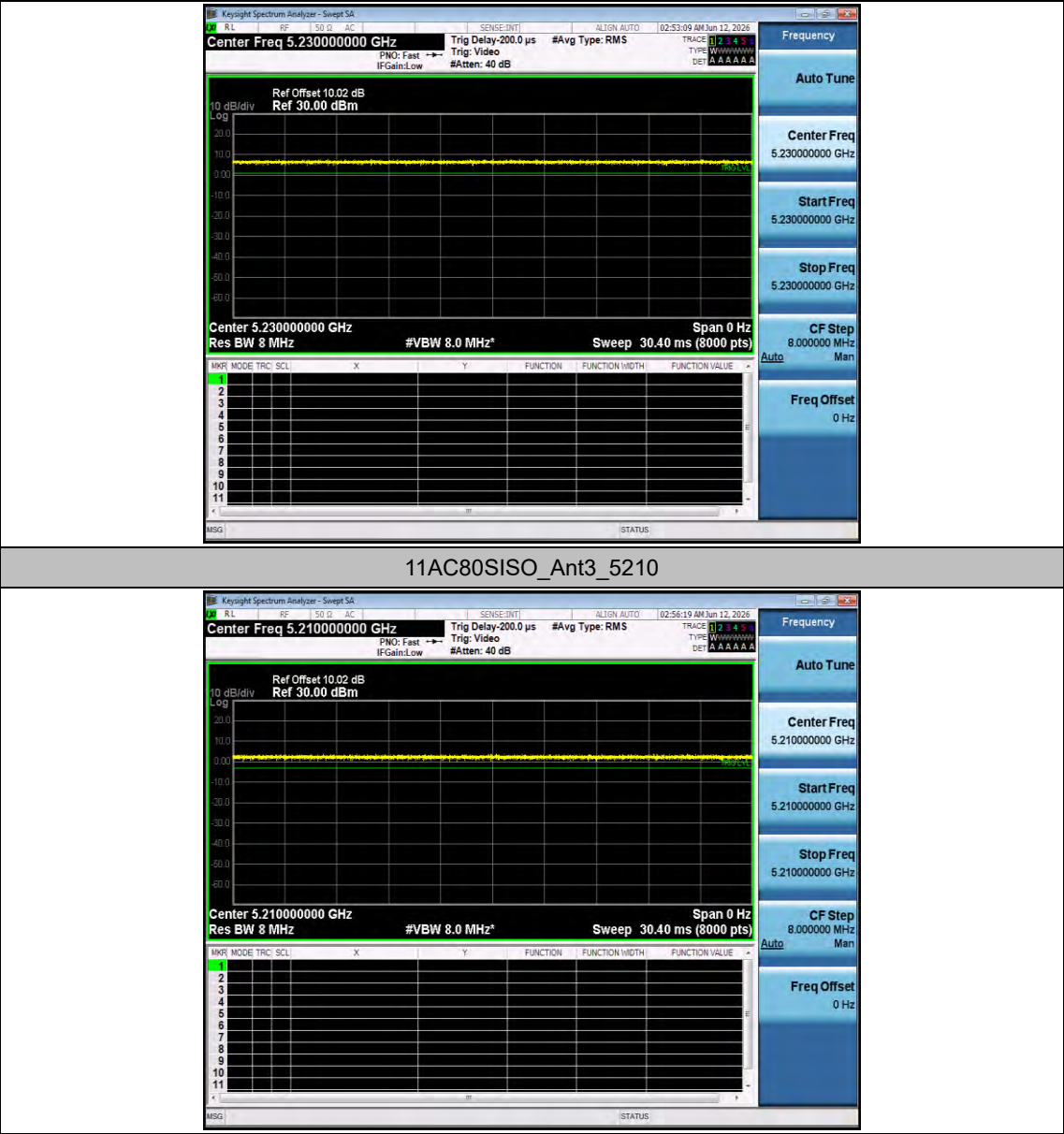
11AC20SISO_Ant3_5240



11AC40SISO_Ant3_5190



11AC40SISO_Ant3_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	Ant3	5180	12.37	100.00	0.00	12.37	≤23.98	PASS
		5200	12.78	100.00	0.00	12.78	≤23.98	PASS
		5240	13.27	100.00	0.00	13.27	≤23.98	PASS
11N20SISO	Ant3	5180	11.59	100.00	0.00	11.59	≤23.98	PASS
		5200	12.48	100.00	0.00	12.48	≤23.98	PASS
		5240	13.11	100.00	0.00	13.11	≤23.98	PASS
11N40SISO	Ant3	5190	12.24	100.00	0.00	12.24	≤23.98	PASS
		5230	13.27	100.00	0.00	13.27	≤23.98	PASS
11AC20SISO	Ant3	5180	11.46	100.00	0.00	11.46	≤23.98	PASS
		5200	12.27	100.00	0.00	12.27	≤23.98	PASS
		5240	12.82	100.00	0.00	12.82	≤23.98	PASS
11AC40SISO	Ant3	5190	12.15	100.00	0.00	12.15	≤23.98	PASS
		5230	13.23	100.00	0.00	13.23	≤23.98	PASS
11AC80SISO	Ant3	5210	12.24	100.00	0.00	12.24	≤23.98	PASS

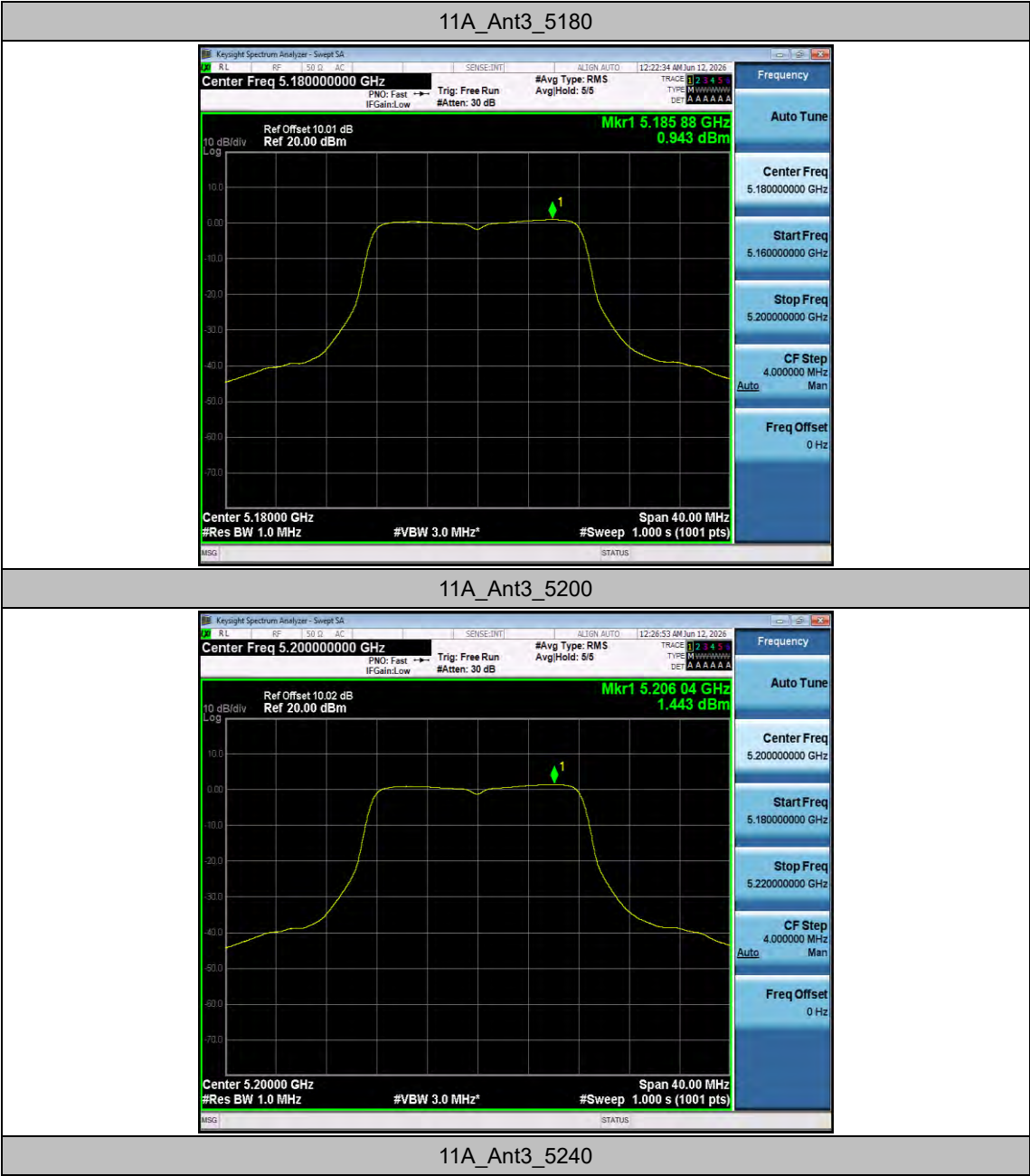
Appendix B.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant3	5180	0.94	≤11.00	PASS
		5200	1.44	≤11.00	PASS
		5240	1.83	≤11.00	PASS
11N20SISO	Ant3	5180	-0.04	≤11.00	PASS
		5200	0.88	≤11.00	PASS
		5240	1.42	≤11.00	PASS
11N40SISO	Ant3	5190	-1.92	≤11.00	PASS
		5230	-1.40	≤11.00	PASS
11AC20SISO	Ant3	5180	-0.14	≤11.00	PASS
		5200	0.71	≤11.00	PASS
		5240	1.17	≤11.00	PASS
11AC40SISO	Ant3	5190	-2.04	≤11.00	PASS
		5230	-1.50	≤11.00	PASS
11AC80SISO	Ant3	5210	-3.84	≤11.00	PASS

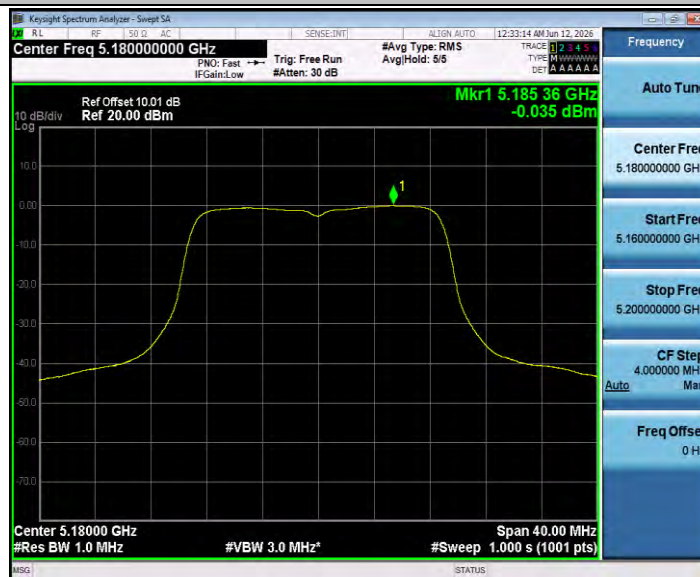
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

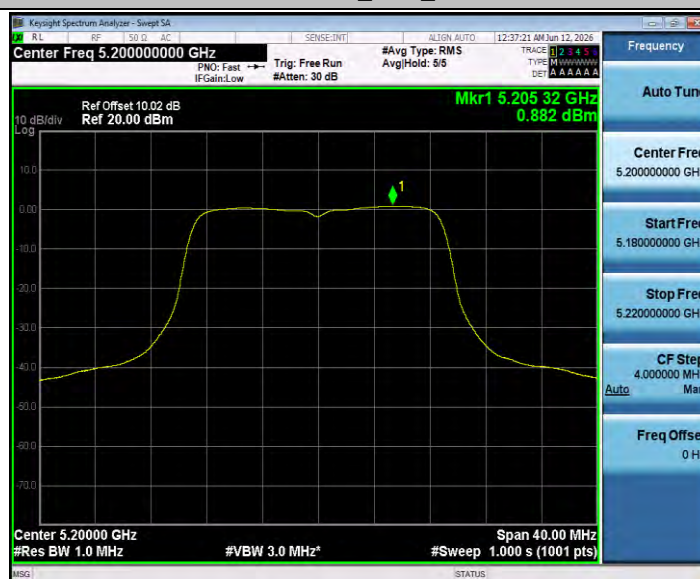




11N20SISO_Ant3_5180



11N20SISO_Ant3_5200



11N20SISO_Ant3_5240



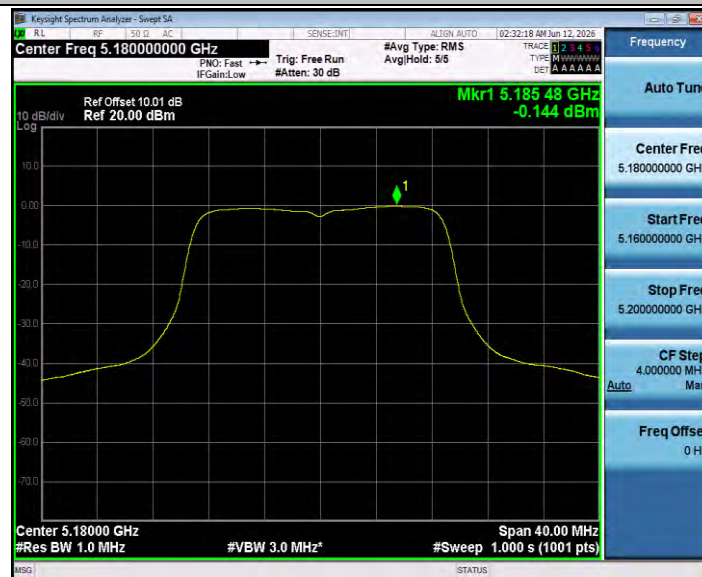
11N40SISO_Ant3_5190



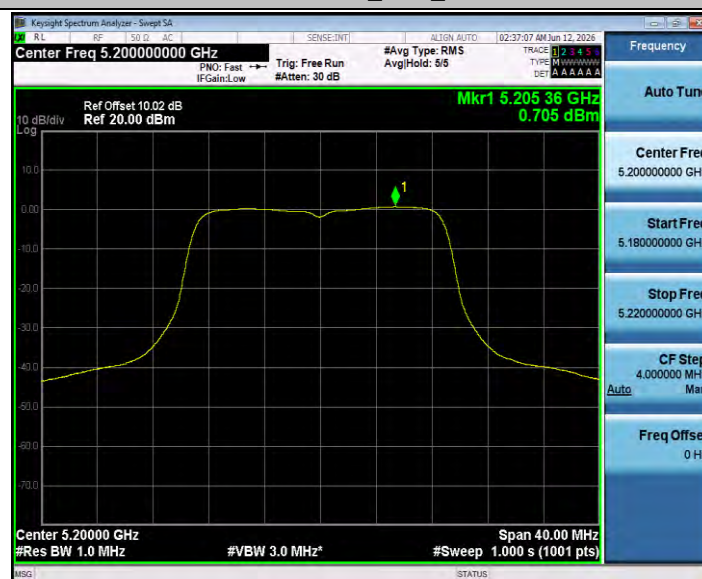
11N40SISO_Ant3_5230



11AC20SISO_Ant3_5180



11AC20SISO_Ant3_5200



11AC20SISO_Ant3_5240



11AC40SISO_Ant3_5190



11AC40SISO_Ant3_5230



11AC80SISO_Ant3_5210



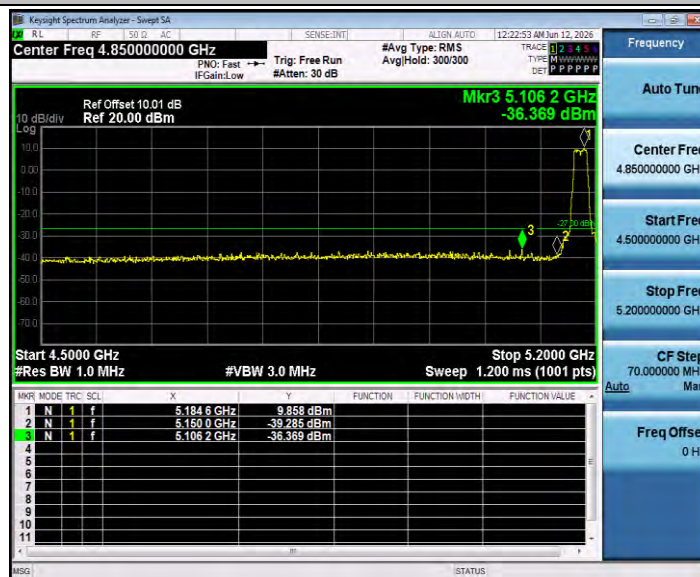
Appendix B.6:Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant3	Low	5180	-36.37	≤-27	PASS
		High	5240	-37.26	≤-27	PASS
11N20SISO	Ant3	Low	5180	-36.57	≤-27	PASS
		High	5240	-36.83	≤-27	PASS
11N40SISO	Ant3	Low	5190	-35.61	≤-27	PASS
		High	5230	-37.47	≤-27	PASS
11AC20SISO	Ant3	Low	5180	-36.58	≤-27	PASS
		High	5240	-36.86	≤-27	PASS
11AC40SISO	Ant3	Low	5190	-34.38	≤-27	PASS
		High	5230	-37.3	≤-27	PASS
11AC80SISO	Ant3	Low	5210	-34.1	≤-27	PASS
		High	5210	-37.41	≤-27	PASS

Test GraphsB1

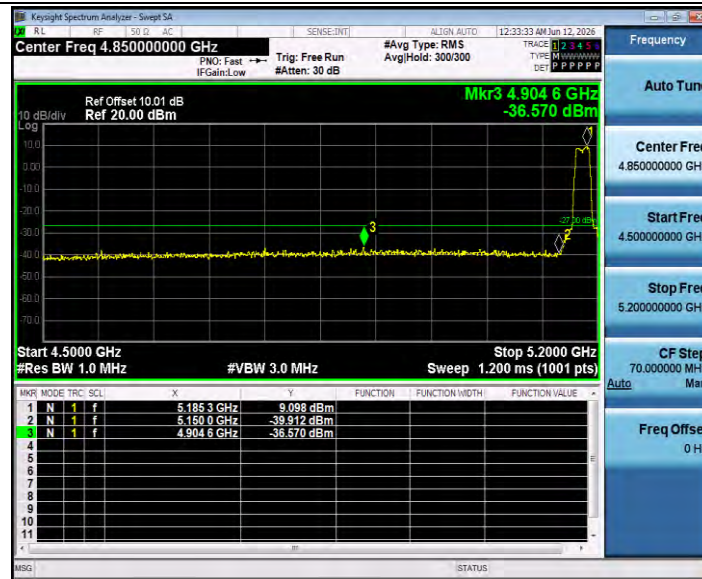
11A_Ant3_Low_5180



11A_Ant3_High_5240



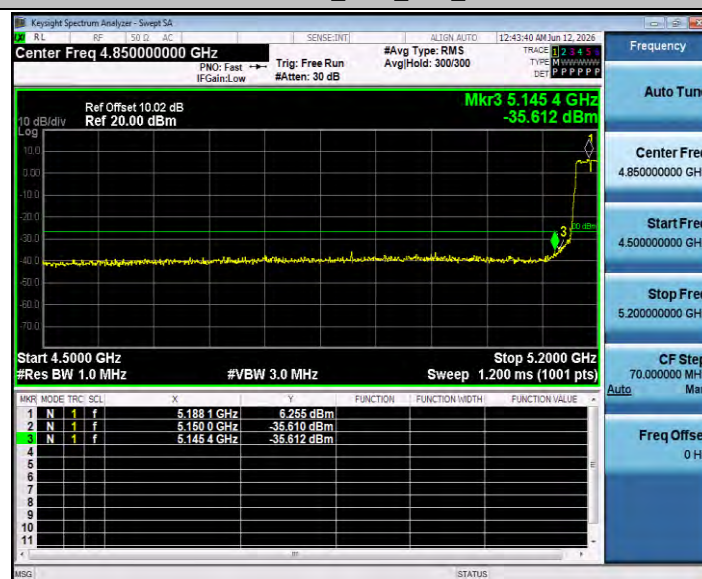
11N20SISO_Ant3_Low_5180



11N20SISO_Ant3_High_5240



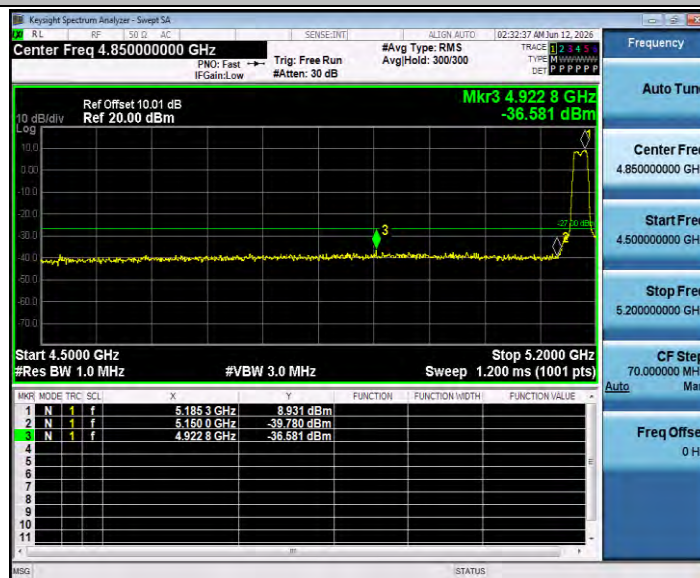
11N40SISO_Ant3_Low_5190



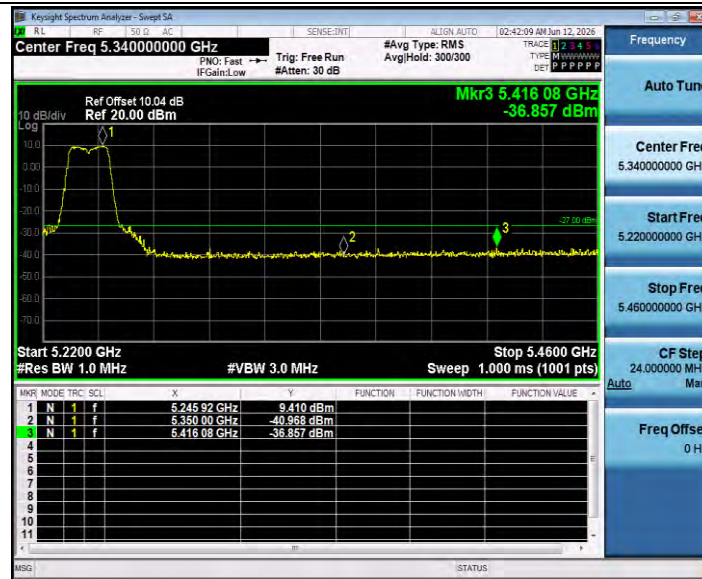
11N40SISO_Ant3_High_5230



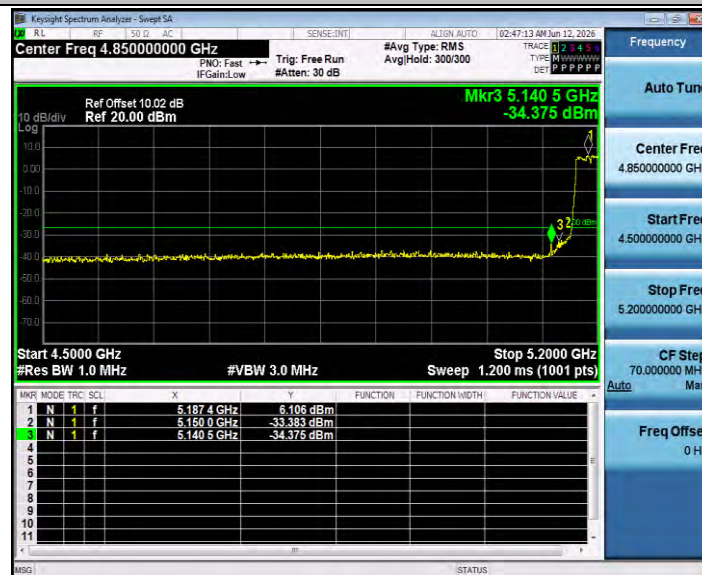
11AC20SISO_Ant3_Low_5180



11AC20SISO_Ant3_High_5240



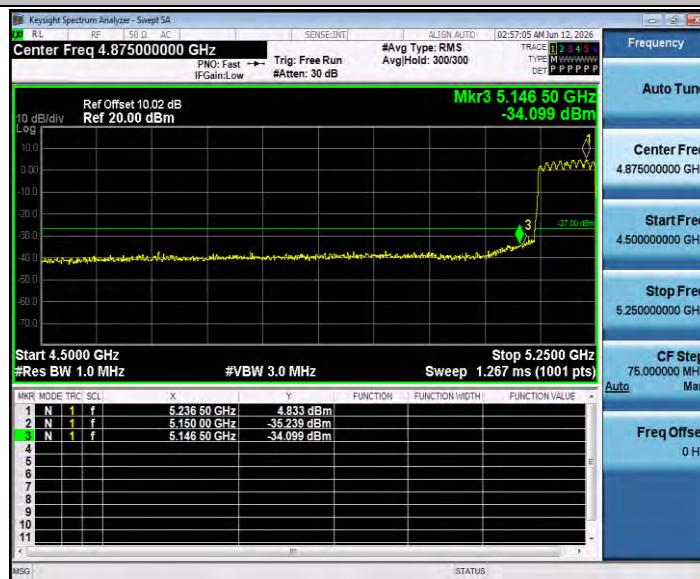
11AC40SISO_Ant3_Low_5190



11AC40SISO_Ant3_High_5230



11AC80SISO_Ant3_Low_5210



11AC80SISO_Ant3_High_5210



Appendix B.7:Conducted Spurious Emission

Test Result

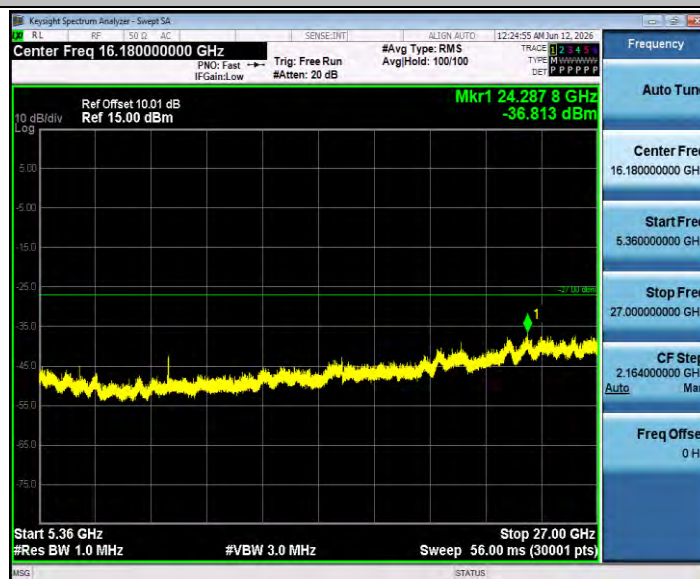
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant3	5180	30~5140	2421.31	-43.81	≤-27	PASS
			5360~27000	24287.79	-36.81	≤-27	PASS
		5200	30~5140	2420.8	-42.84	≤-27	PASS
			5360~27000	26610.48	-36.71	≤-27	PASS
		5240	30~5140	2422.33	-45	≤-27	PASS
			5360~27000	26043.51	-36.09	≤-27	PASS
11N20SISO	Ant3	5180	30~5140	2403.94	-37.82	≤-27	PASS
			5360~27000	24246.67	-37.52	≤-27	PASS
		5200	30~5140	2461	-45.23	≤-27	PASS
			5360~27000	26035.58	-37.11	≤-27	PASS
		5240	30~5140	2463.04	-36.85	≤-27	PASS
			5360~27000	24279.85	-36.77	≤-27	PASS
11N40SISO	Ant3	5190	30~5140	2465.43	-37.87	≤-27	PASS
			5360~27000	23471.24	-36.85	≤-27	PASS
		5230	30~5140	2418.58	-44.63	≤-27	PASS
			5360~27000	23541.93	-36.47	≤-27	PASS
11AC20SISO	Ant3	5180	30~5140	2538.67	-46.38	≤-27	PASS
			5360~27000	24319.53	-37.21	≤-27	PASS
		5200	30~5140	2416.03	-40.19	≤-27	PASS
			5360~27000	24284.9	-37.44	≤-27	PASS
		5240	30~5140	1955.11	-43.82	≤-27	PASS
			5360~27000	26948.79	-37.04	≤-27	PASS
11AC40SISO	Ant3	5190	30~5140	5139.49	-39.8	≤-27	PASS
			5360~27000	26865.83	-37.29	≤-27	PASS
		5230	30~5140	2458.78	-45.93	≤-27	PASS
			5360~27000	24158.67	-37.21	≤-27	PASS
11AC80SISO	Ant3	5210	30~5140	5131.31	-35.7	≤-27	PASS
			5360~27000	24807.87	-36.76	≤-27	PASS

Test Graphs

11A_Ant3_5180_30~5140



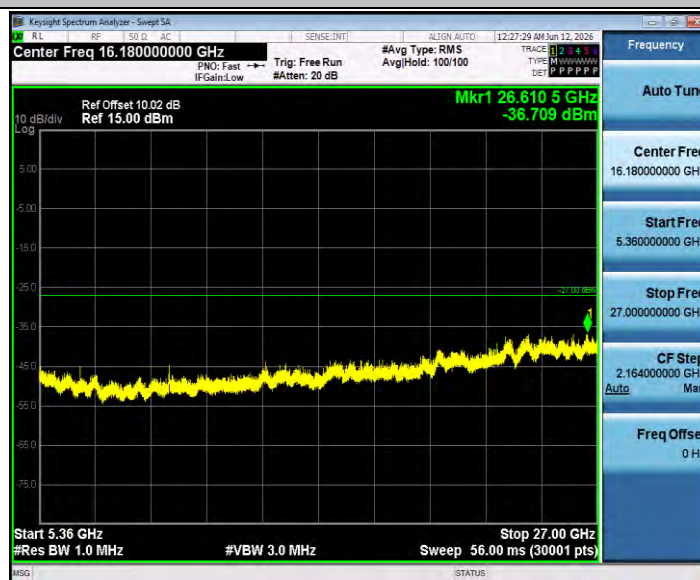
11A_Ant3_5180_5360~27000



11A_Ant3_5200_30~5140



11A_Ant3_5200_5360~27000



11A_Ant3_5240_30~5140



11A_Ant3_5240_5360~27000



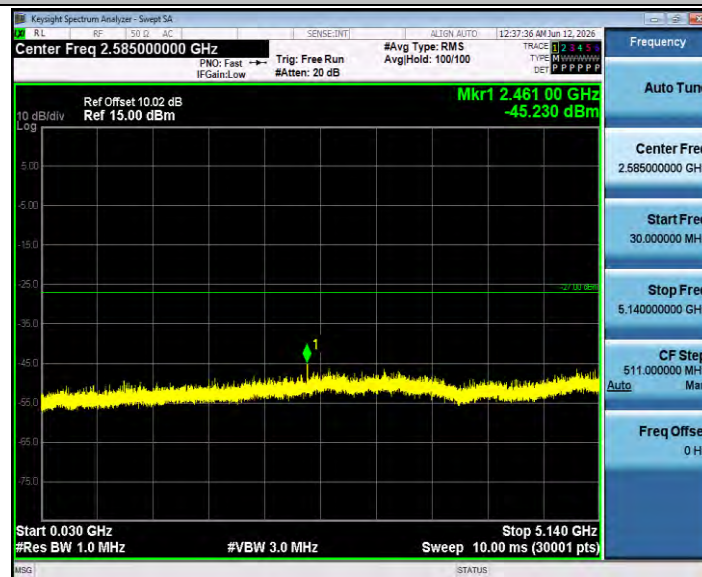
11N20SISO_Ant3_5180_30~5140



11N20SISO_Ant3_5180_5360~27000



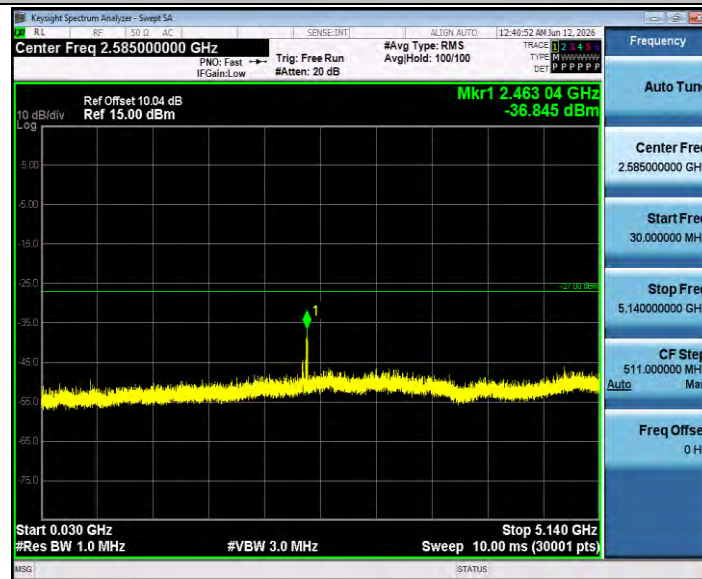
11N20SISO_Ant3_5200_30~5140



11N20SISO_Ant3_5200_5360~27000



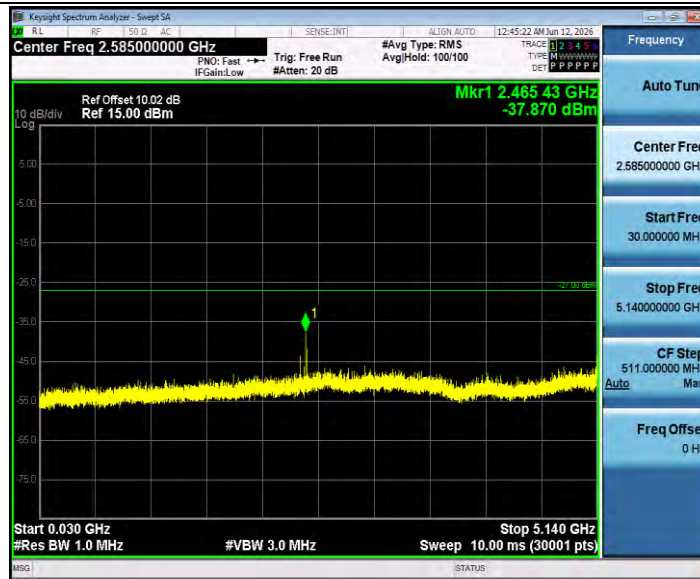
11N20SISO_Ant3_5240_30~5140



11N20SISO_Ant3_5240_5360~27000



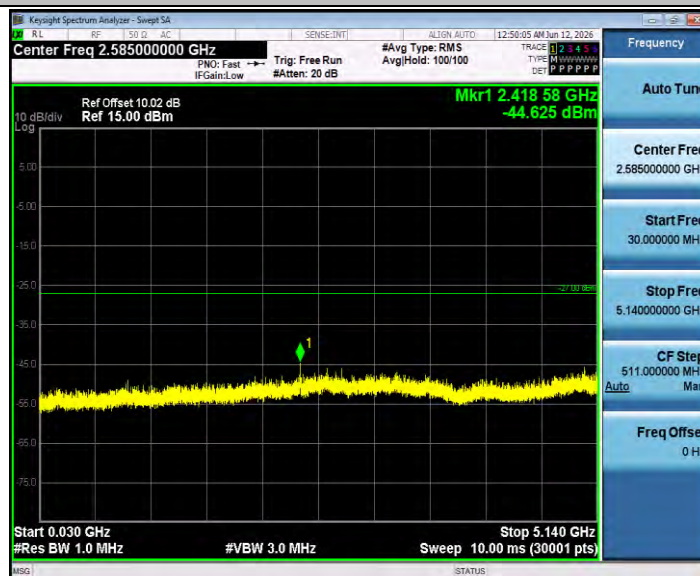
11N40SISO_Ant3_5190_30~5140



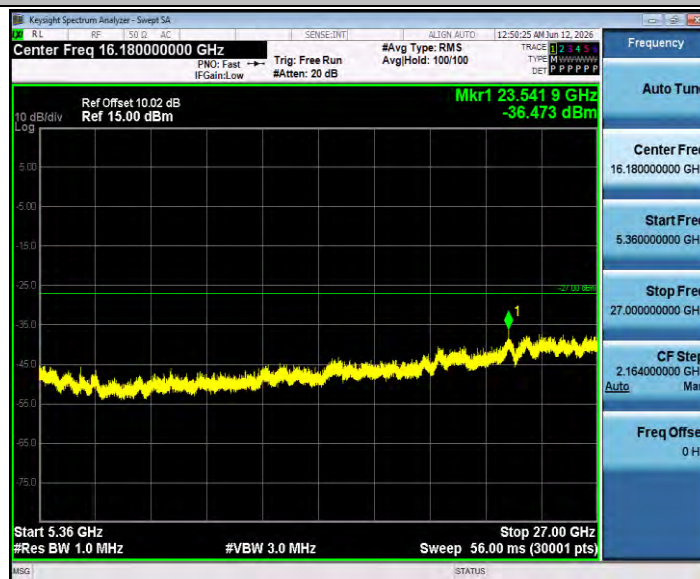
11N40SISO_Ant3_5190_5360~27000



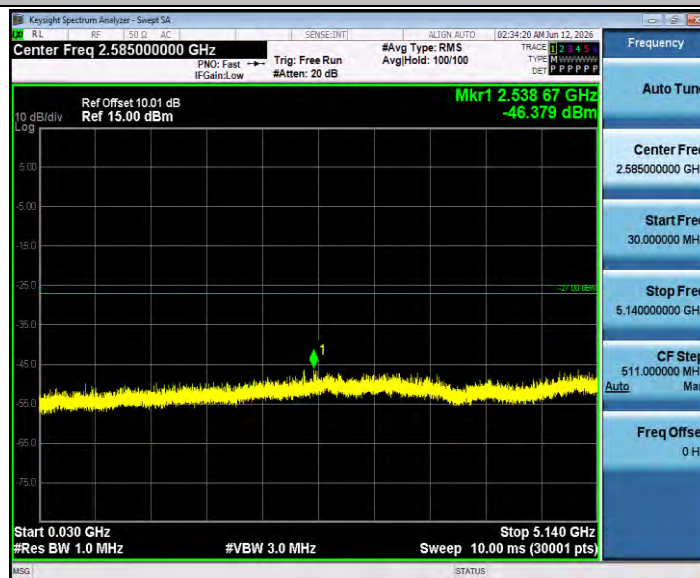
11N40SISO_Ant3_5230_30~5140



11N40SISO_Ant3_5230_5360~27000



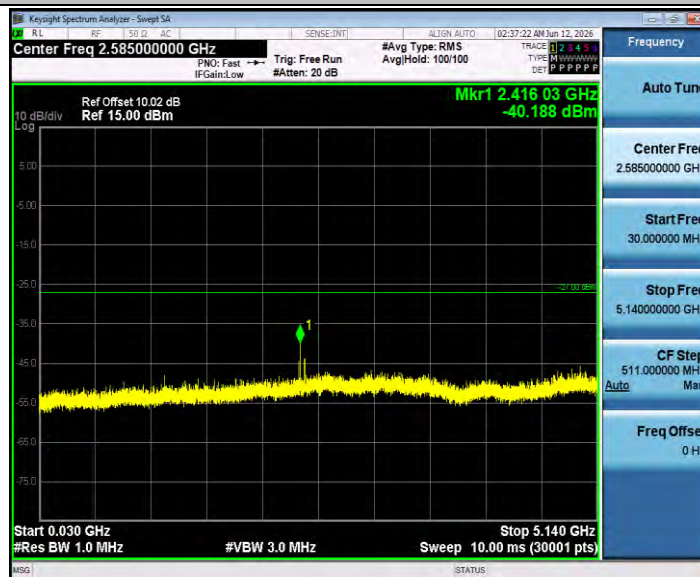
11AC20SISO_Ant3_5180_30~5140



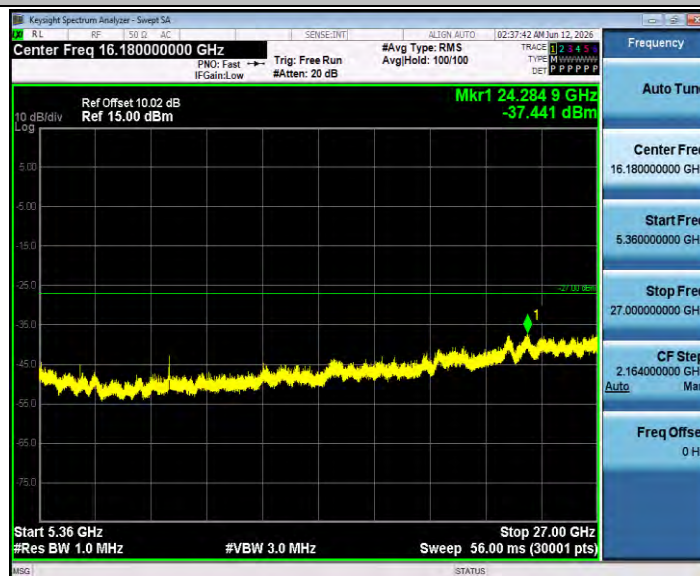
11AC20SISO_Ant3_5180_5360~27000



11AC20SISO_Ant3_5200_30~5140



11AC20SISO_Ant3_5200_5360~27000



11AC20SISO_Ant3_5240_30~5140



11AC20SISO_Ant3_5240_5360~27000



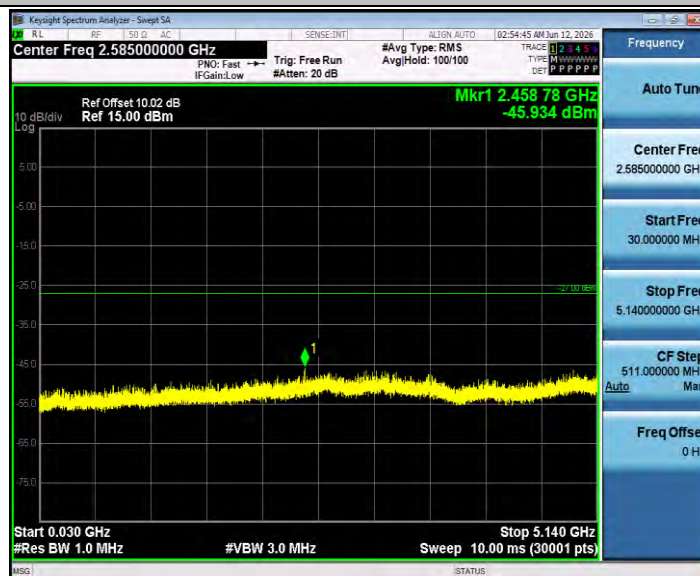
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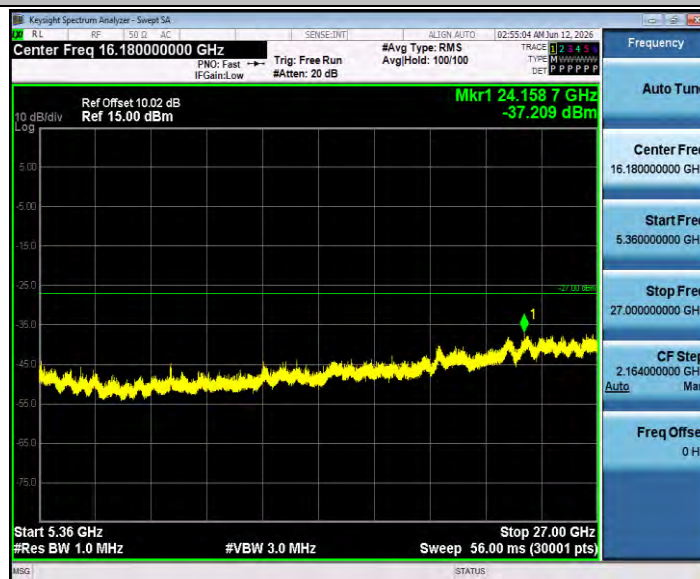
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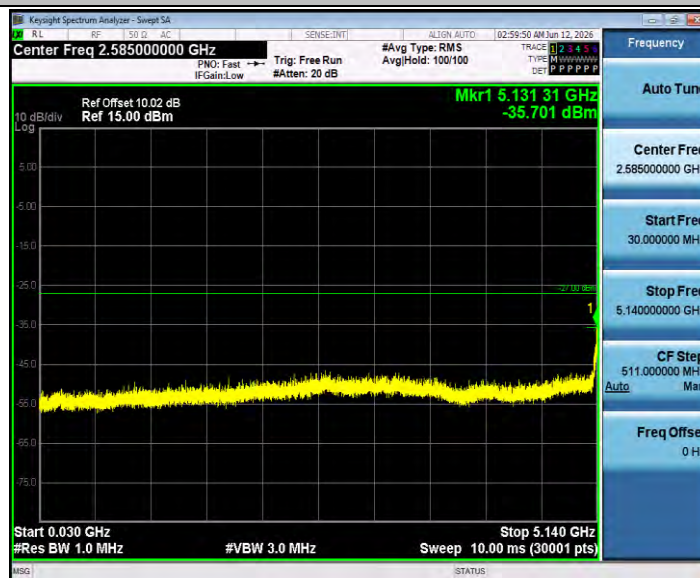
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11AC40SISO_Ant3_5230_5360~27000



11AC80SISO_Ant3_5210_30~5140



11AC80SISO_Ant3_5210_5360~27000

