Appendix D.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq (MHz)	Channel Powert [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant0	5180	15.62	98.39	0.07	15.69	≤23.98	PASS
		5200	13.51	98.21	0.08	13.59	≤23.98	PASS
		5240	12.52	98.38	0.07	12.59	≤23.98	PASS
11N20SISO	Ant0	5180	13.05	98.35	0.07	13.12	≤23.98	PASS
		5200	13.42	98.17	0.08	13.50	≤23.98	PASS
		5240	12.80	98.35	0.07	12.87	≤23.98	PASS
11N40SISO	Ant0	5190	13.17	70.15	1.54	14.71	≤23.98	PASS
		5230	12.83	69.63	1.57	14.40	≤23.98	PASS
11AC20SISO	Ant0	5180	14.31	98.35	0.07	14.38	≤23.98	PASS
		5200	14.44	98.35	0.07	14.51	≤23.98	PASS
		5240	13.83	98.35	0.07	13.90	≤23.98	PASS
11AC40SISO	Ant0	5190	13.65	98.29	0.07	13.72	≤23.98	PASS
		5230	13.53	98.10	0.08	13.61	≤23.98	PASS
11AC80SISO	Ant0	5210	10.15	98.35	0.07	10.22	≤23.98	PASS
11AX20SISO	Ant0	5180	11.35	98.10	0.08	11.43	≤23.98	PASS
		5200	11.47	97.89	0.09	11.56	≤23.98	PASS
		5240	10.97	97.89	0.09	11.06	≤23.98	PASS
11AX40SISO	Ant0	5190	12.03	98.09	0.08	12.11	≤23.98	PASS
		5230	11.83	97.89	0.09	11.92	≤23.98	PASS
11AX80SISO	Ant0	5210	12.33	98.00	0.09	12.42	≤23.98	PASS

Appendix D.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5180	4.48	≤11.00	PASS
		5200	2.23	≤11.00	PASS
		5240	1.35	≤11.00	PASS
11N20SISO	Ant0	5180	1.49	≤11.00	PASS
		5200	1.90	≤11.00	PASS
		5240	1.28	≤11.00	PASS
11N40SISO	Ant0	5190	1.90	≤11.00	PASS
		5230	1.76	≤11.00	PASS
11AC20SISO	Ant0	5180	3.05	≤11.00	PASS
		5200	3.14	≤11.00	PASS
		5240	2.67	≤11.00	PASS
11AC40SISO	Ant0	5190	-0.12	≤11.00	PASS
		5230	-0.18	≤11.00	PASS
11AC80SISO	Ant0	5210	-6.05	≤11.00	PASS
11AX20SISO	Ant0	5180	-0.69	≤11.00	PASS
		5200	-0.38	≤11.00	PASS
		5240	-0.88	≤11.00	PASS
11AX40SISO	Ant0	5190	-2.46	≤11.00	PASS
		5230	-2.85	≤11.00	PASS
11AX80SISO	Ant0	5210	-4.54	≤11.00	PASS

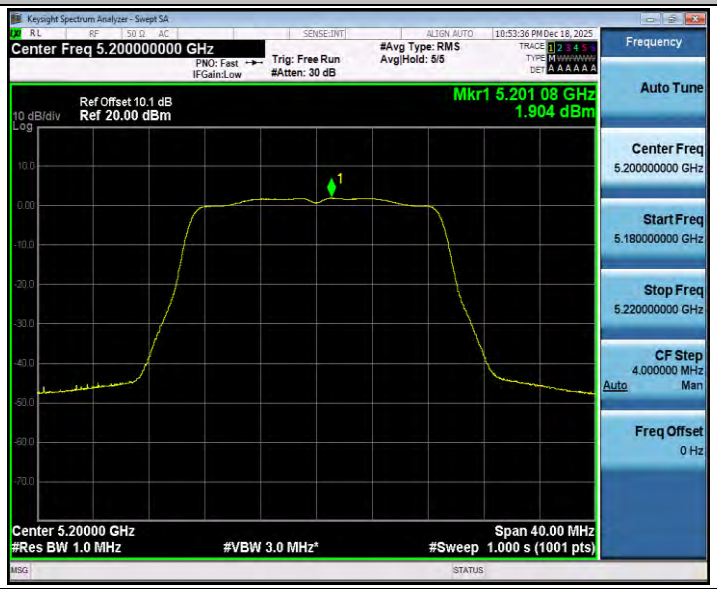
Note：1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factorand RBW Factoriscompensatedinthegraph.

Test Graphs

11A_Ant0_5180
11A_Ant0_5200
11A_Ant0_5240

11N20SISO_Ant0_5180

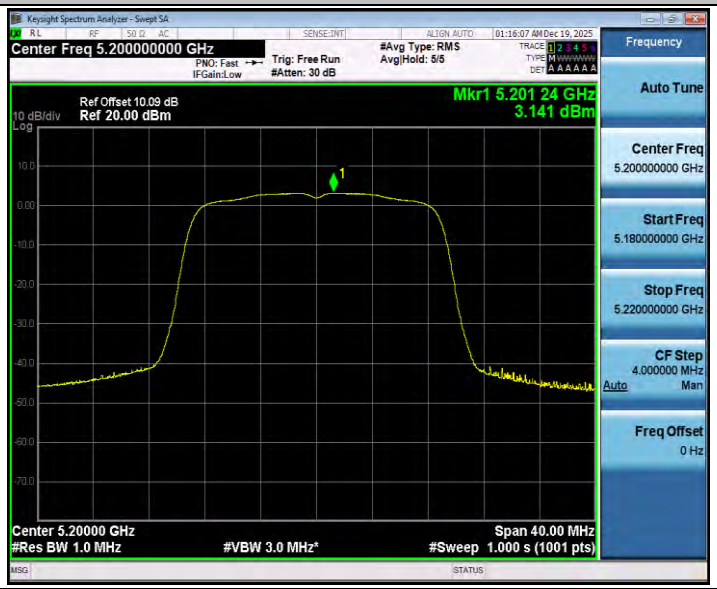
11N20SISO_Ant0_5200



11N20SISO_Ant0_5240
11N40SISO_Ant0_5190
11N40SISO_Ant0_5230

11AC20SISO_Ant0_5180

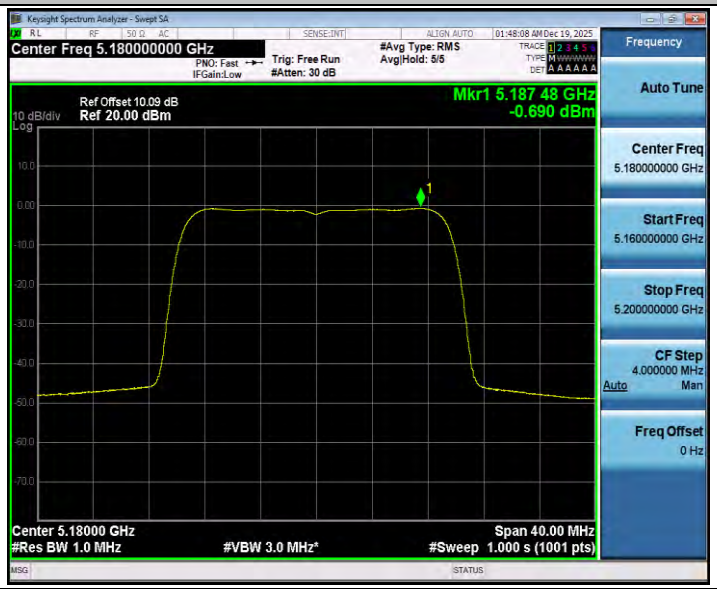
11AC20SISO_Ant0_5200

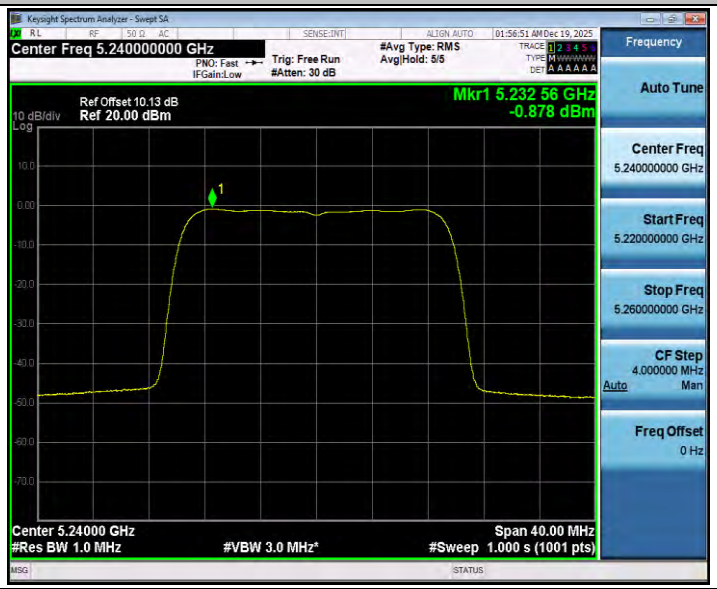


11AC20SISO_Ant0_5240
11AC40SISO_Ant0_5190
11AC40SISO_Ant0_5230

11AC80SISO_Ant0_5210

11AX20SISO_Ant0_5180



11AX20SISO_Ant0_5200
11AX20SISO_Ant0_5240

11AX40SISO_Ant0_5190

11AX40SISO_Ant0_5230

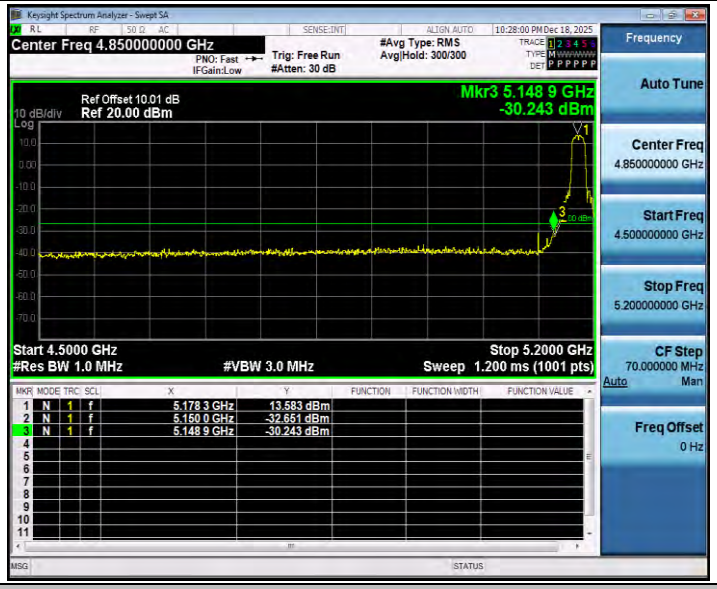
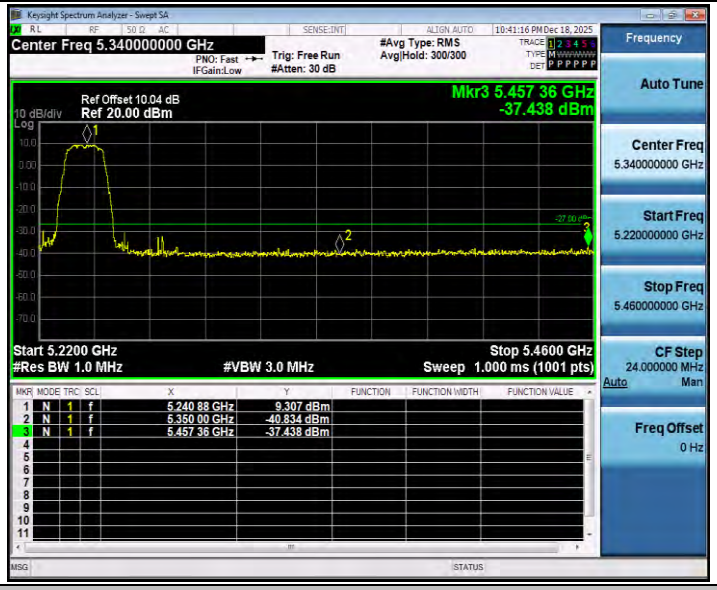
11AX80SISO_Ant0_5210

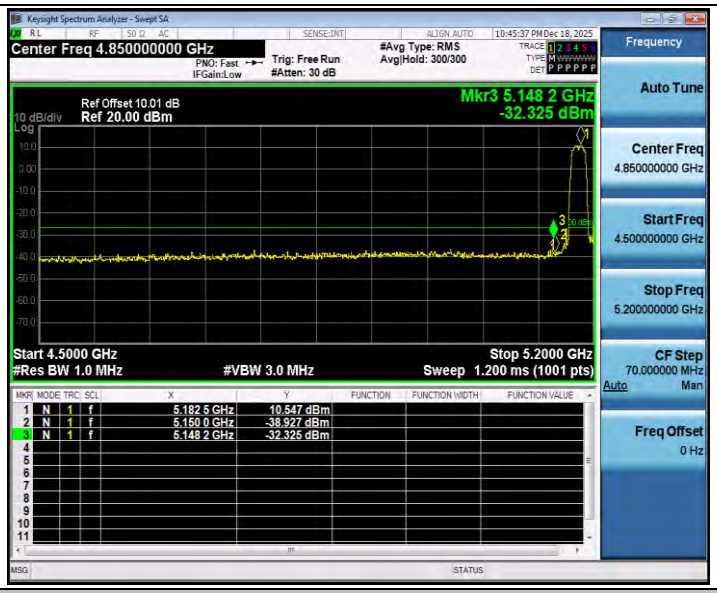
Appendix D.6:Band edge measurements

Test Result B1

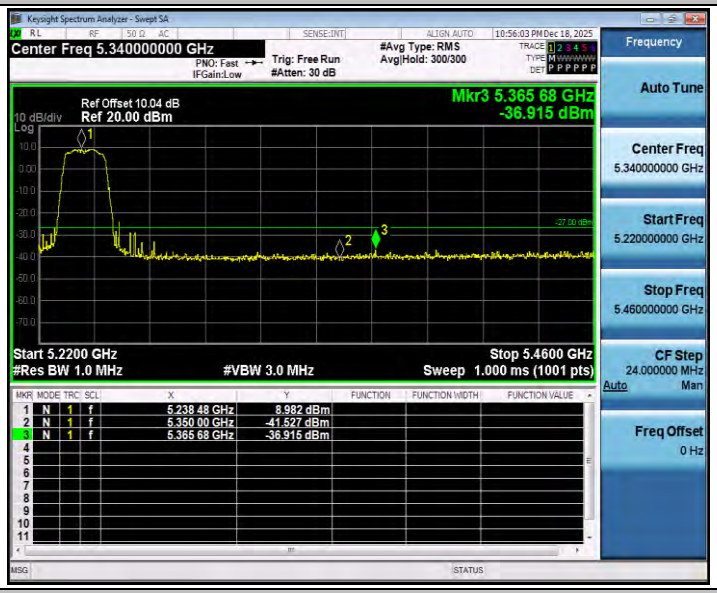
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant0	Low	5180	-30.24	≤-27	PASS
		High	5240	-37.44	≤-27	PASS
11N20SISO	Ant0	Low	5180	-32.33	≤-27	PASS
		High	5240	-36.92	≤-27	PASS
11N40SISO	Ant0	Low	5190	-34.5	≤-27	PASS
		High	5230	-36.69	≤-27	PASS
11AC20SISO	Ant0	Low	5180	-36.73	≤-27	PASS
		High	5240	-37.44	≤-27	PASS
11AC40SISO	Ant0	Low	5190	-35.02	≤-27	PASS
		High	5230	-37.71	≤-27	PASS
11AC80SISO	Ant0	Low	5210	-34.07	≤-27	PASS
		High	5210	-37.49	≤-27	PASS
11AX20SISO	Ant0	Low	5180	-37.07	≤-27	PASS
		High	5240	-37.71	≤-27	PASS
11AX40SISO	Ant0	Low	5190	-34.42	≤-27	PASS
		High	5230	-37.2	≤-27	PASS
11AX80SISO	Ant0	Low	5210	-32.55	≤-27	PASS
		High	5210	-36.75	≤-27	PASS

Test GraphsB1

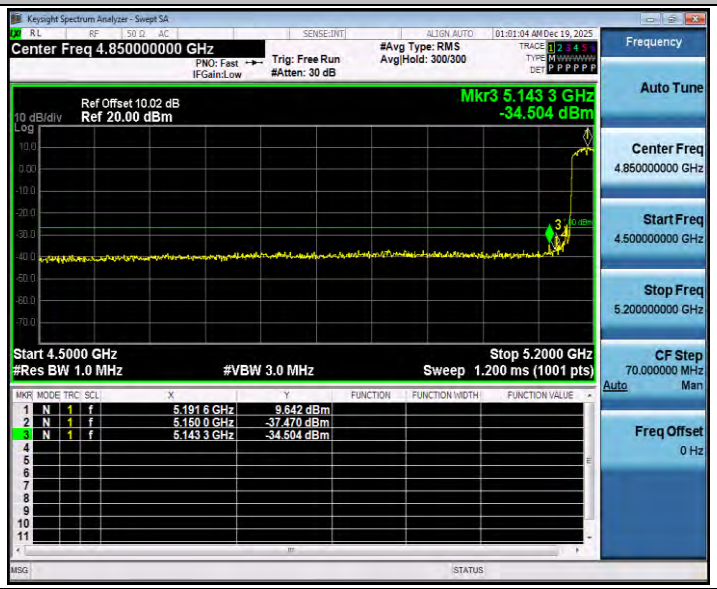
11A_Ant0_Low_5180

11A_Ant0_High_5240

11N20SISO_Ant0_Low_5180

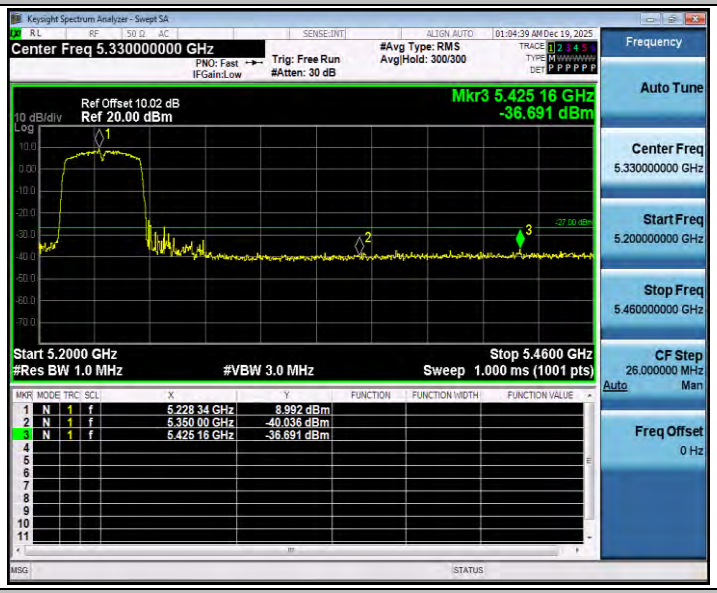
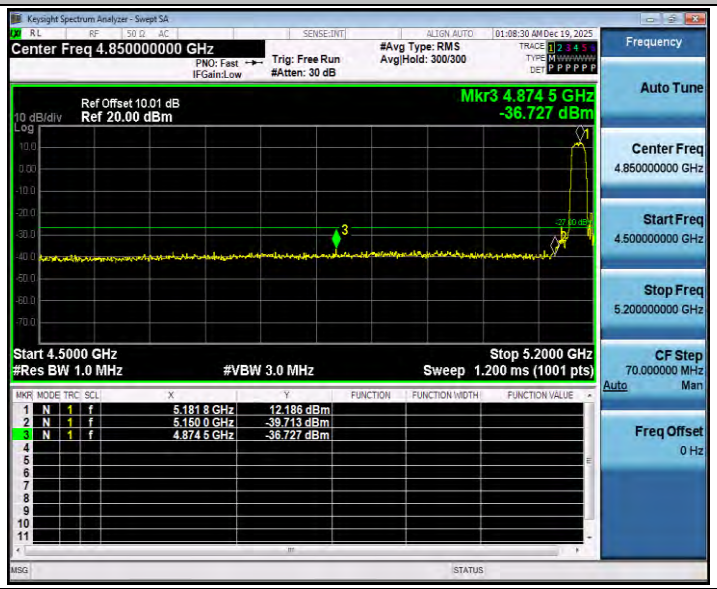


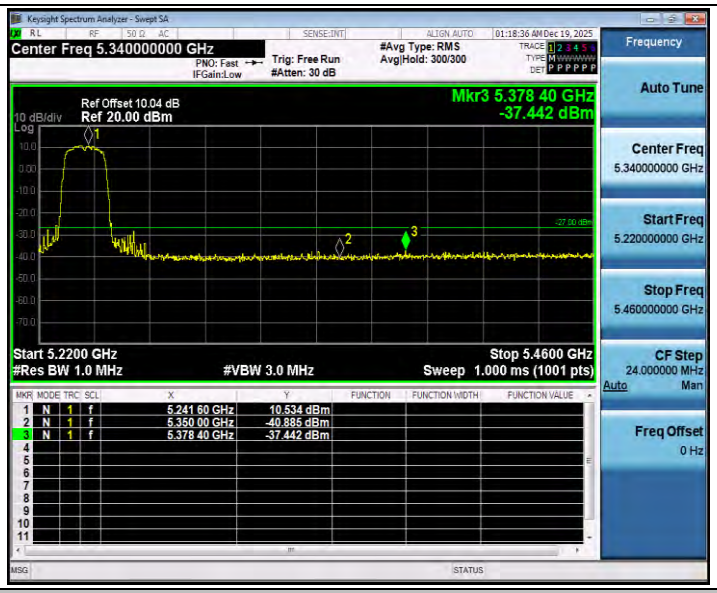
11N20SISO_Ant0_High_5240



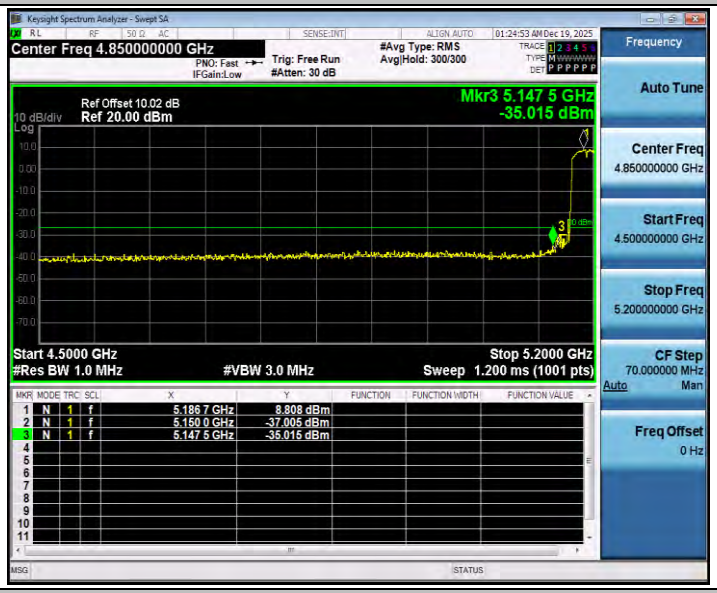
11N40SISO_Ant0_Low_5190



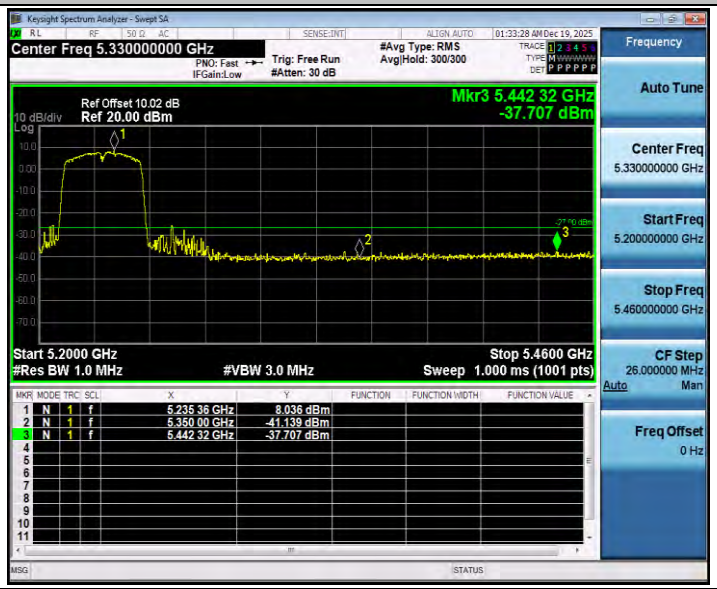
11N40SISO_Ant0_High_5230

11AC20SISO_Ant0_Low_5180

11AC20SISO_Ant0_High_5240

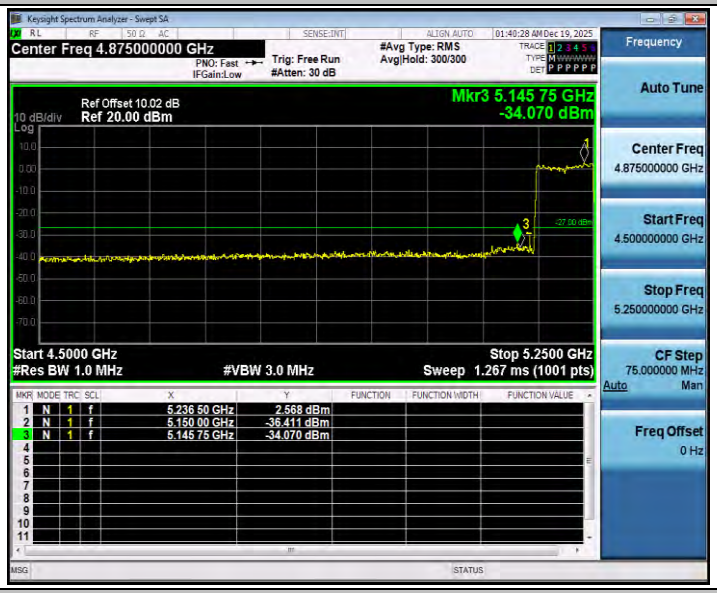
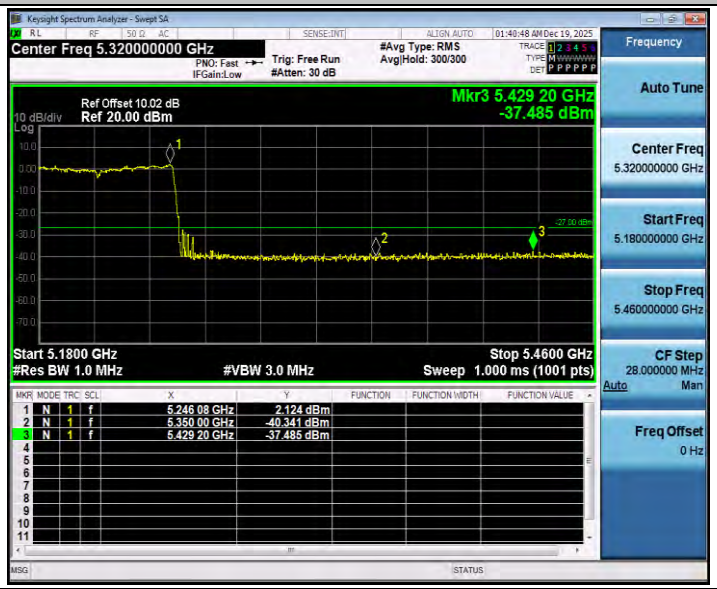


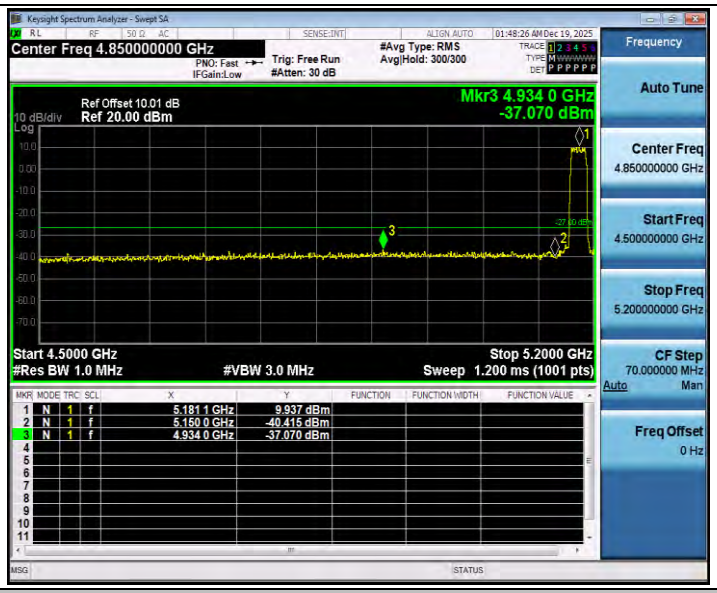
11AC40SISO_Ant0_Low_5190



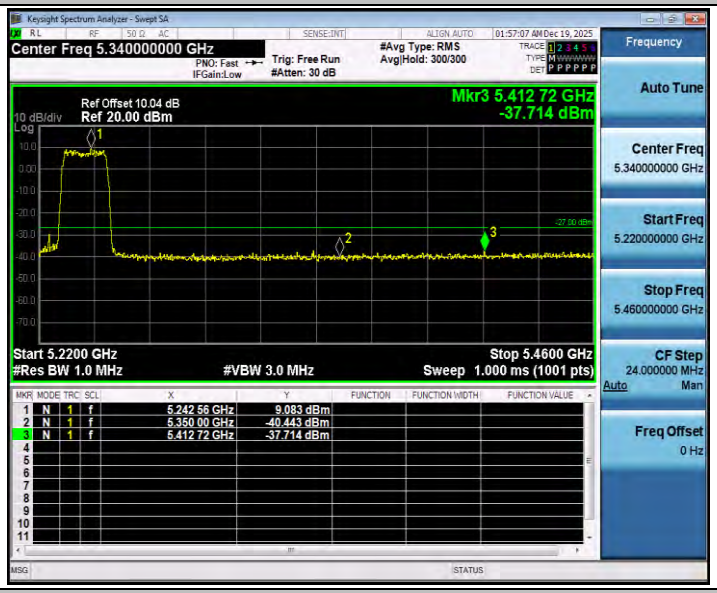
11AC40SISO_Ant0_High_5230



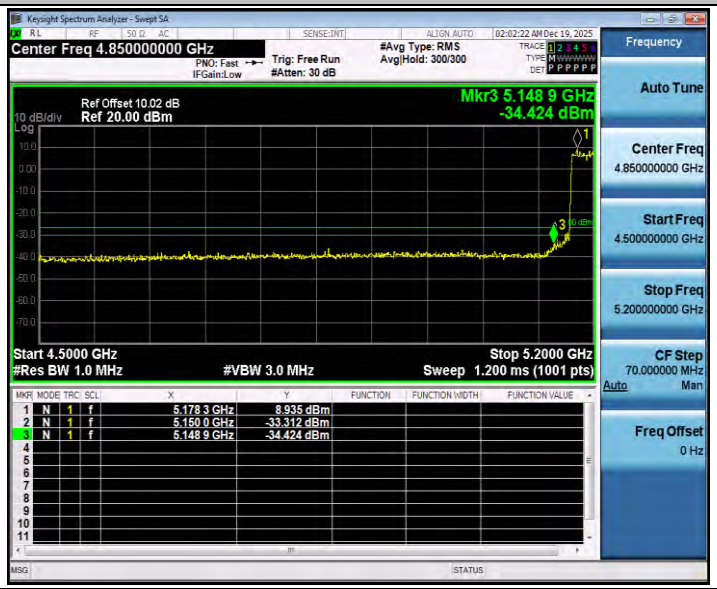
11AC80SISO_Ant0_Low_5210

11AC80SISO_Ant0_High_5210

11AX20SISO_Ant0_Low_5180

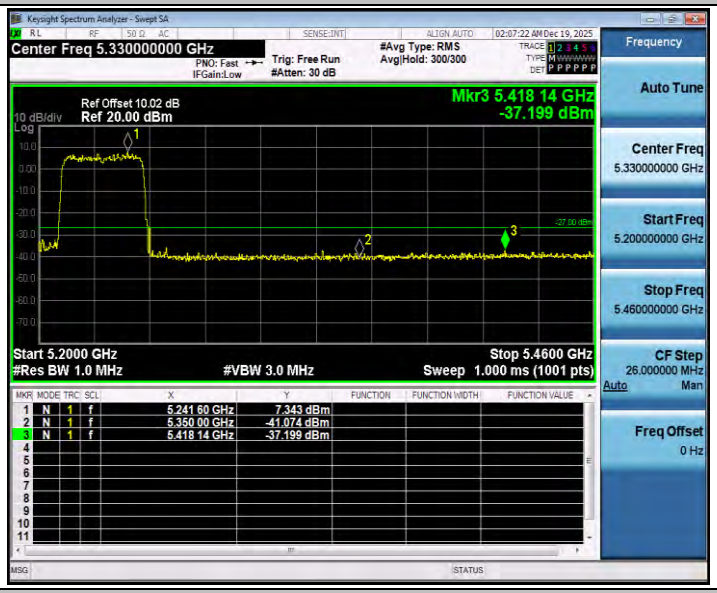
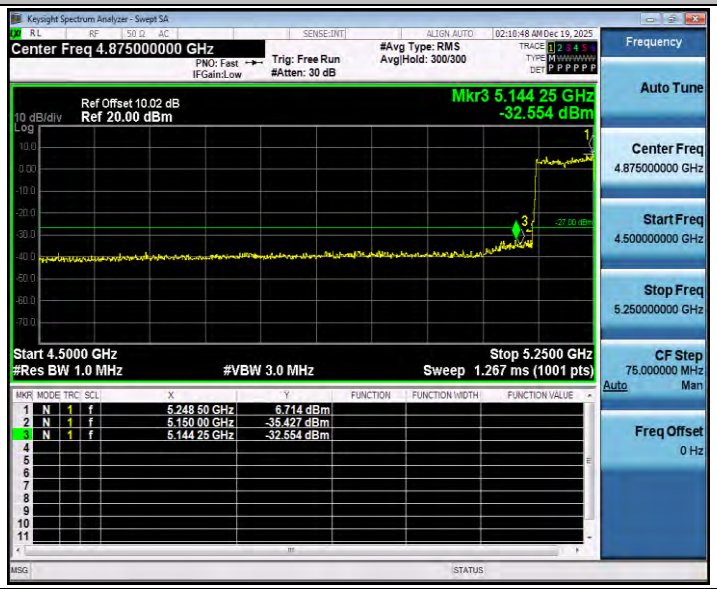


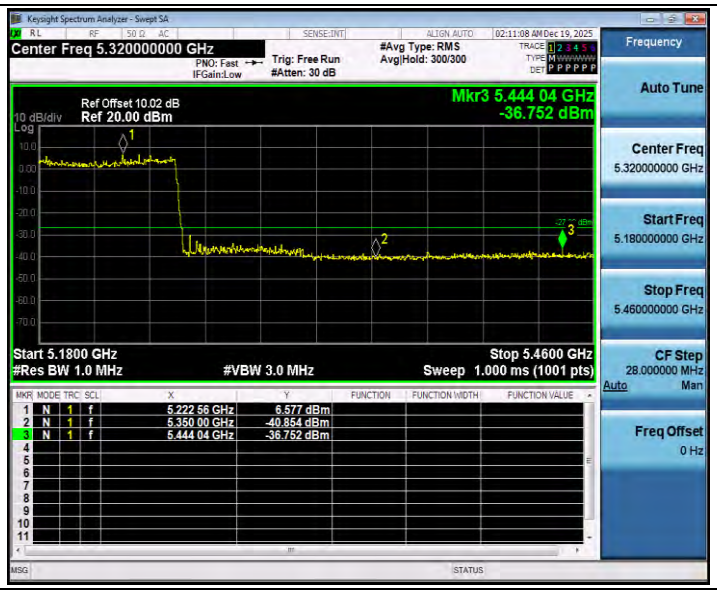
11AX20SISO_Ant0_High_5240



11AX40SISO_Ant0_Low_5190



11AX40SISO_Ant0_High_5230

11AX80SISO_Ant0_Low_5210

11AX80SISO_Ant0_High_5210


Keysight Spectrum Analyzer - Swept SA
Center Freq 5.320000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 300/300
02:11:08 AM Dec 19, 2025
Ref Offset 10.02 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr3 5.444 04 GHz
-36.752 dBm
Start 5.1800 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 5.4600 GHz
Sweep 1.000 ms (1001 pts)
1 N 1 f 5.222 56 GHz 6.577 dBm
2 N 1 f 5.350 00 GHz -40.854 dBm
3 N 1 f 5.444 04 GHz -36.752 dBm
Frequency
Auto Tune
Center Freq
5.320000000 GHz
Start Freq
5.180000000 GHz
Stop Freq
5.460000000 GHz
CF Step
28.000000 MHz
Auto
Man
Freq Offset
0 Hz

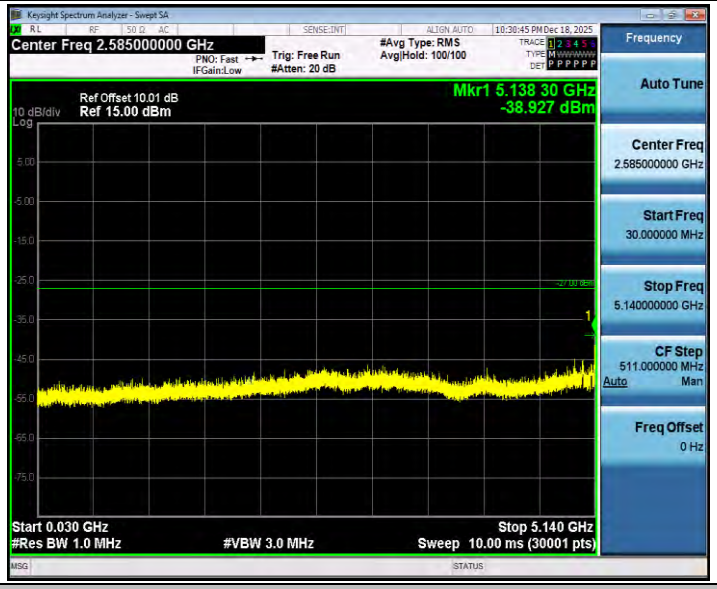
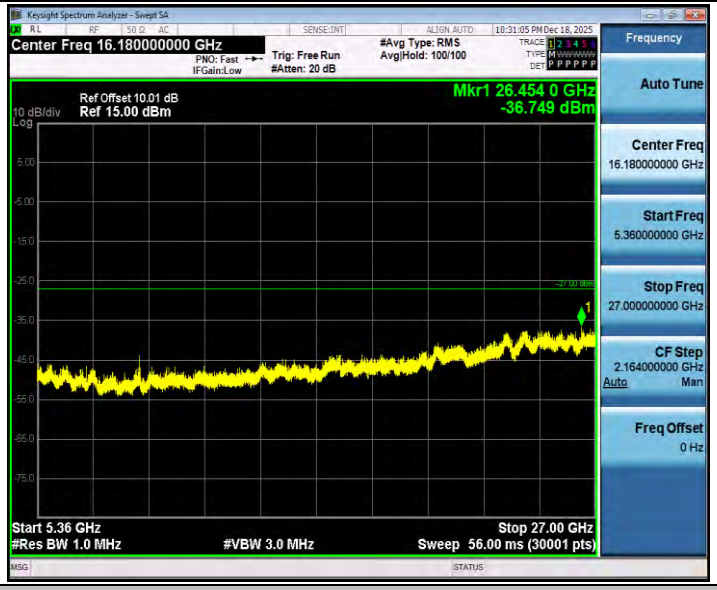
Appendix D.7:Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant0	5180	30~5140	5138.3	-38.93	≤-27	PASS
			5360~27000	26453.95	-36.75	≤-27	PASS
		5200	30~5140	4725.75	-43.76	≤-27	PASS
			5360~27000	24875.67	-37.16	≤-27	PASS
		5240	30~5140	4766.29	-44.24	≤-27	PASS
			5360~27000	24214.93	-36.13	≤-27	PASS
11N20SISO	Ant0	5180	30~5140	5131.31	-43.94	≤-27	PASS
			5360~27000	26528.97	-37.28	≤-27	PASS
		5200	30~5140	4727.45	-43.8	≤-27	PASS
			5360~27000	26776.39	-37.05	≤-27	PASS
		5240	30~5140	2530.32	-40.34	≤-27	PASS
			5360~27000	23606.13	-36.89	≤-27	PASS
11N40SISO	Ant0	5190	30~5140	5138.47	-41.08	≤-27	PASS
			5360~27000	26088.96	-36.27	≤-27	PASS
		5230	30~5140	3198.88	-46.24	≤-27	PASS
			5360~27000	26513.82	-37.15	≤-27	PASS
11AC20SISO	Ant0	5180	30~5140	3149.83	-46.04	≤-27	PASS
			5360~27000	23551.31	-36.38	≤-27	PASS
		5200	30~5140	3094.3	-46.03	≤-27	PASS
			5360~27000	25319.29	-36.92	≤-27	PASS
		5240	30~5140	5078.34	-46.55	≤-27	PASS
			5360~27000	24871.35	-37	≤-27	PASS
11AC40SISO	Ant0	5190	30~5140	5134.89	-41.99	≤-27	PASS
			5360~27000	26570.09	-36.92	≤-27	PASS
		5230	30~5140	2529.47	-45.05	≤-27	PASS
			5360~27000	26492.9	-36.71	≤-27	PASS
11AC80SISO	Ant0	5210	30~5140	5129.61	-37.08	≤-27	PASS
			5360~27000	24258.93	-36.78	≤-27	PASS
11AX20SISO	Ant0	5180	30~5140	5108.49	-43.41	≤-27	PASS
			5360~27000	24176.7	-37.09	≤-27	PASS
		5200	30~5140	4728.13	-43.37	≤-27	PASS
			5360~27000	23609.73	-37.09	≤-27	PASS
		5240	30~5140	4769.18	-41.42	≤-27	PASS
			5360~27000	26113.48	-37.32	≤-27	PASS
11AX40SISO	Ant0	5190	30~5140	5139.32	-41.65	≤-27	PASS
			5360~27000	24300.77	-37.04	≤-27	PASS

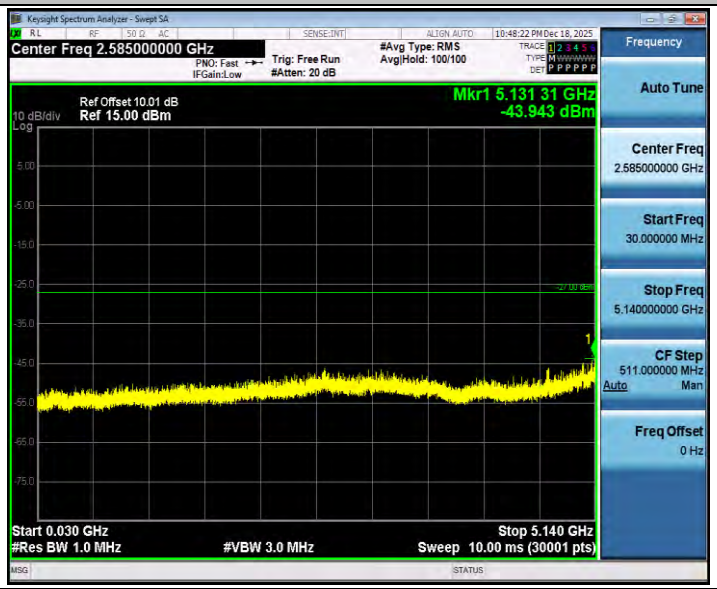
		5230	30~5140	2460.83	-44.42	≤-27	PASS
			5360~27000	24799.21	-35.23	≤-27	PASS
11AX80SISO	Ant0	5210	30~5140	5122.97	-36.56	≤-27	PASS
			5360~27000	24201.23	-36.83	≤-27	PASS

Test Graphs

11A_Ant0_5180_30~5140

11A_Ant0_5180_5360~27000

11A_Ant0_5200_30~5140

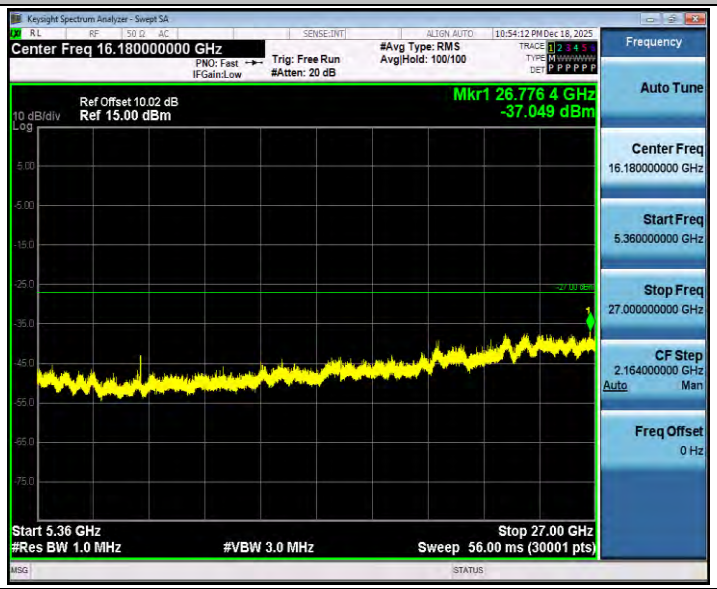
11A_Ant0_5200_5360~27000

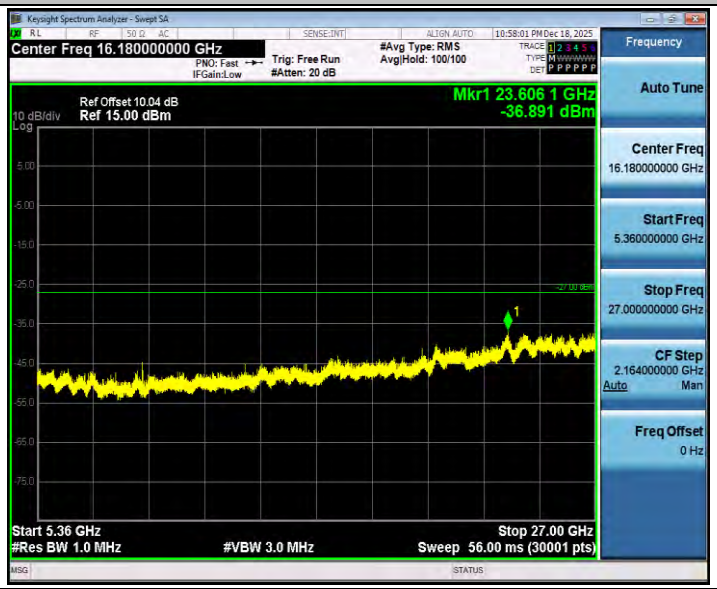
11A_Ant0_5240_30~5140

11A_Ant0_5240_5360~27000
11N20SISO_Ant0_5180_30~5140

11N20SISO_Ant0_5180_5360~27000

11N20SISO_Ant0_5200_30~5140

11N20SISO_Ant0_5200_5360~27000



11N20SISO_Ant0_5240_30~5140
11N20SISO_Ant0_5240_5360~27000

11N40SISO_Ant0_5190_30~5140

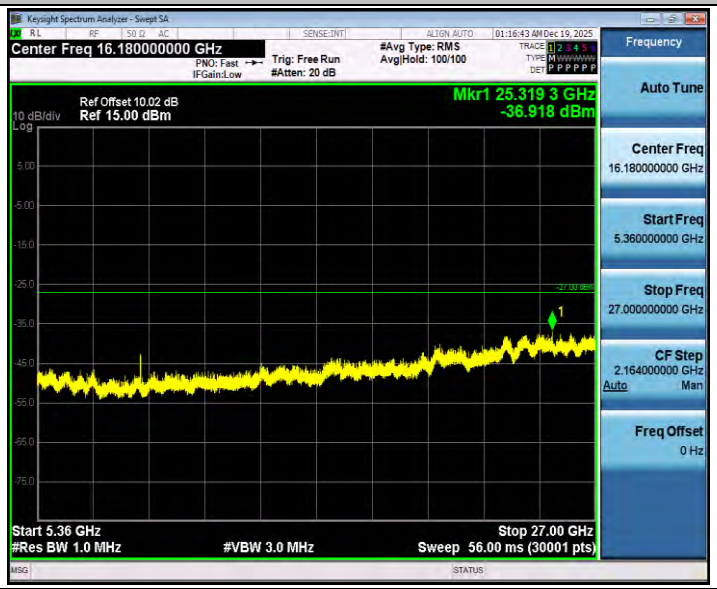
11N40SISO_Ant0_5190_5360~27000

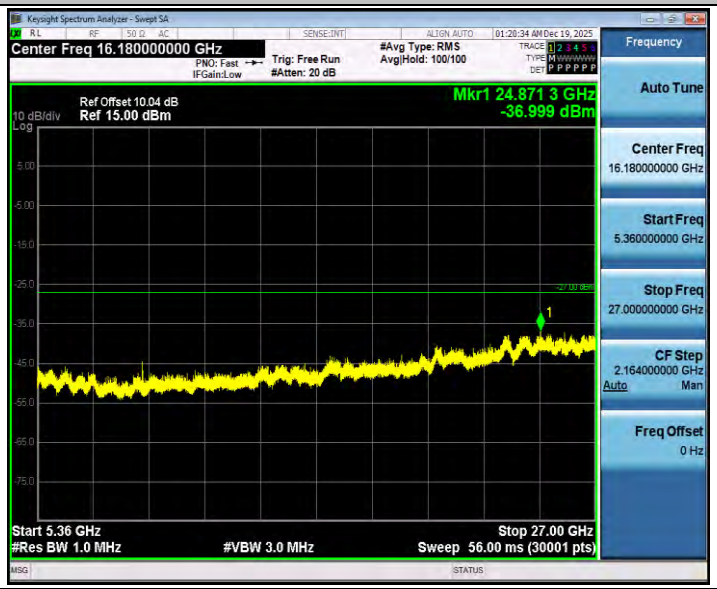
11N40SISO_Ant0_5230_30~5140

11N40SISO_Ant0_5230_5360~27000
11AC20SISO_Ant0_5180_30~5140
11AC20SISO_Ant0_5180_5360~27000

11AC20SISO_Ant0_5200_30~5140

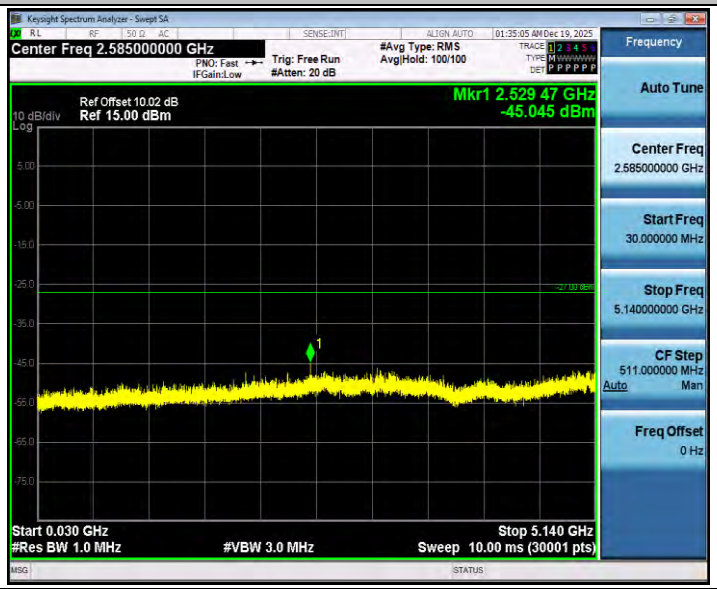
11AC20SISO_Ant0_5200_5360~27000



11AC20SISO_Ant0_5240_30~5140
11AC20SISO_Ant0_5240_5360~27000

11AC40SISO_Ant0_5190_30~5140

11AC40SISO_Ant0_5190_5360~27000

11AC40SISO_Ant0_5230_30~5140



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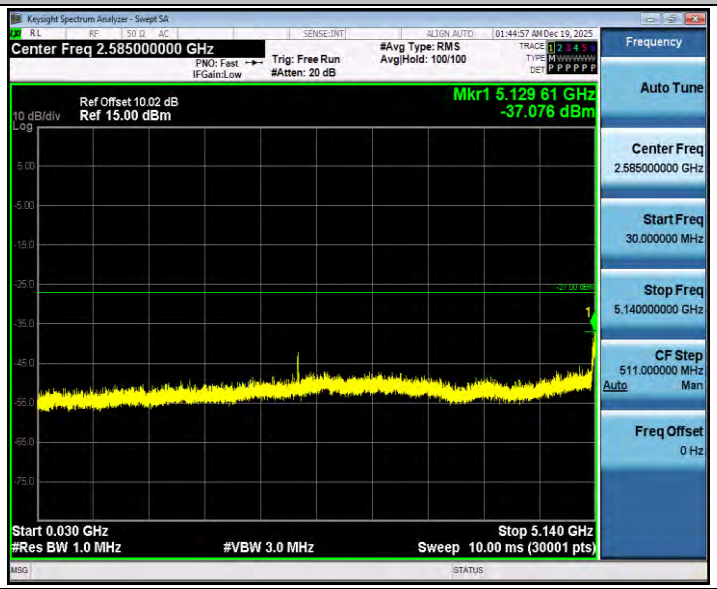
11AC80SISO_Ant0_5210_30~5140

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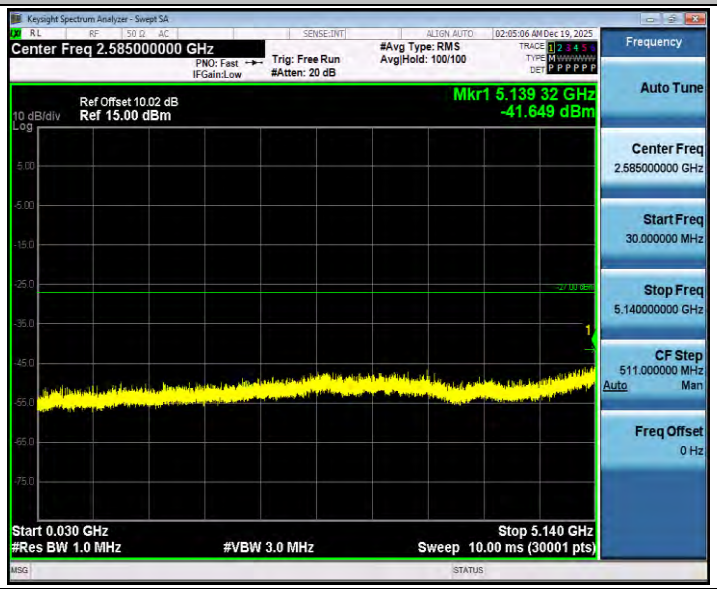
11AX20SISO_Ant0_5180_30~5140

11AX20SISO_Ant0_5180_5360~27000

11AX20SISO_Ant0_5200_30~5140
11AX20SISO_Ant0_5200_5360~27000
11AX20SISO_Ant0_5240_30~5140

11AX20SISO_Ant0_5240_5360~27000

11AX40SISO_Ant0_5190_30~5140



11AX40SISO_Ant0_5190_5360~27000
11AX40SISO_Ant0_5230_30~5140
11AX40SISO_Ant0_5230_5360~27000

11AX80SISO_Ant0_5210_30~5140

11AX80SISO_Ant0_5210_5360~27000