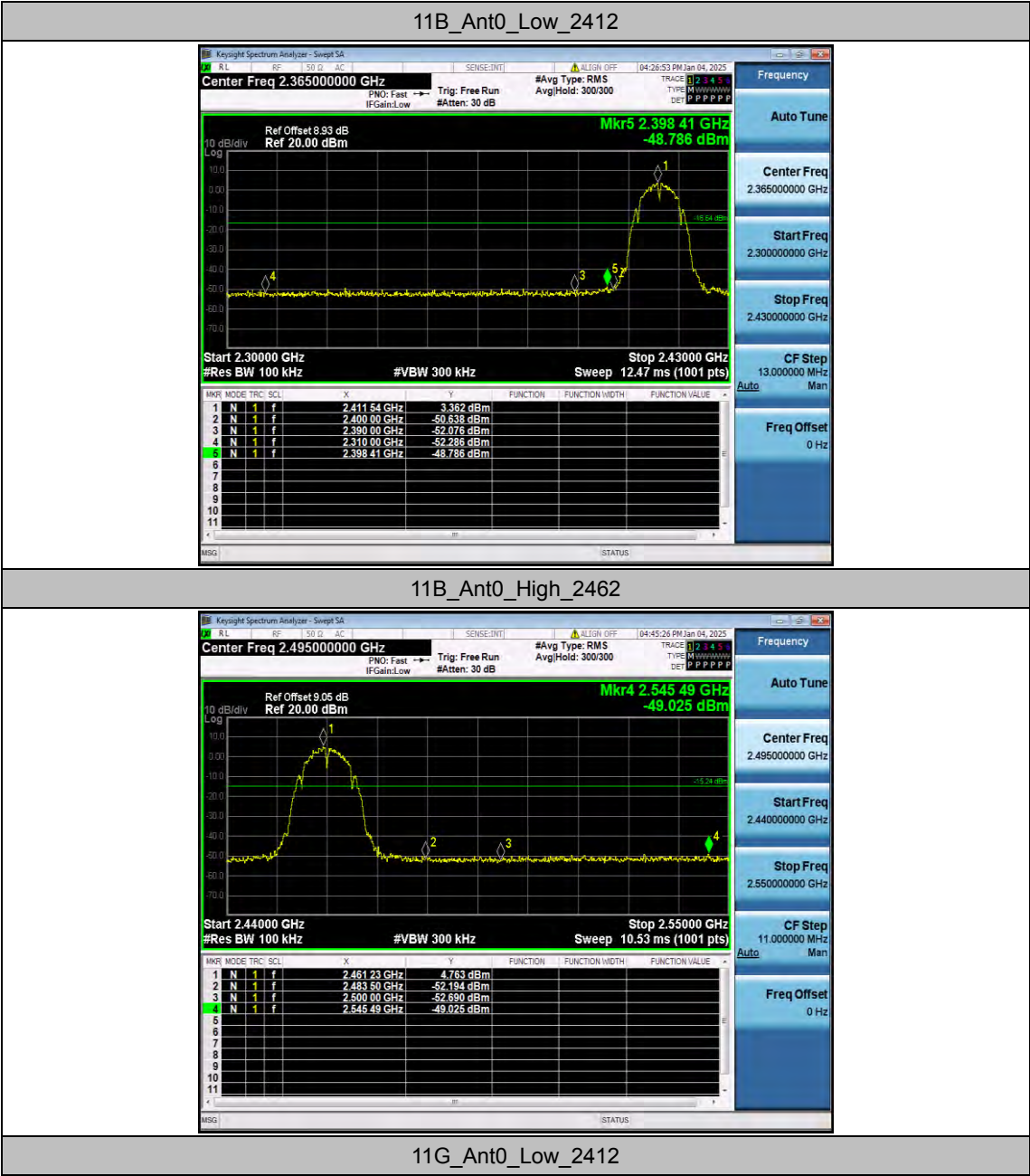


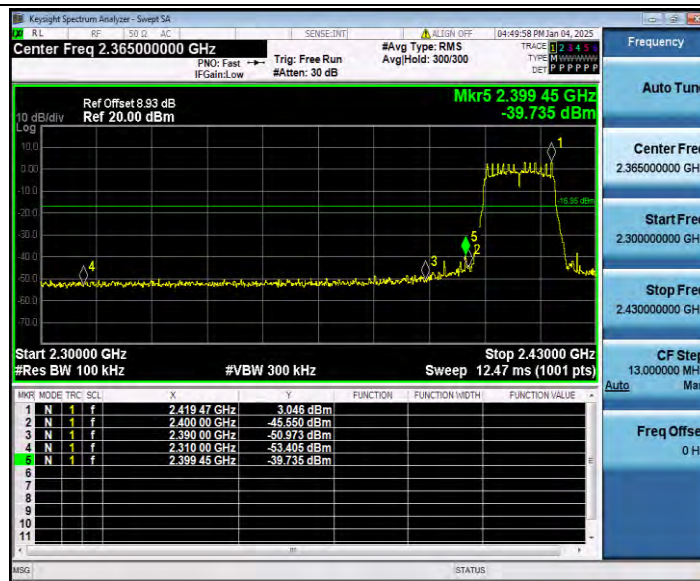
Appendix C.5: Band edge measurements

Test Result

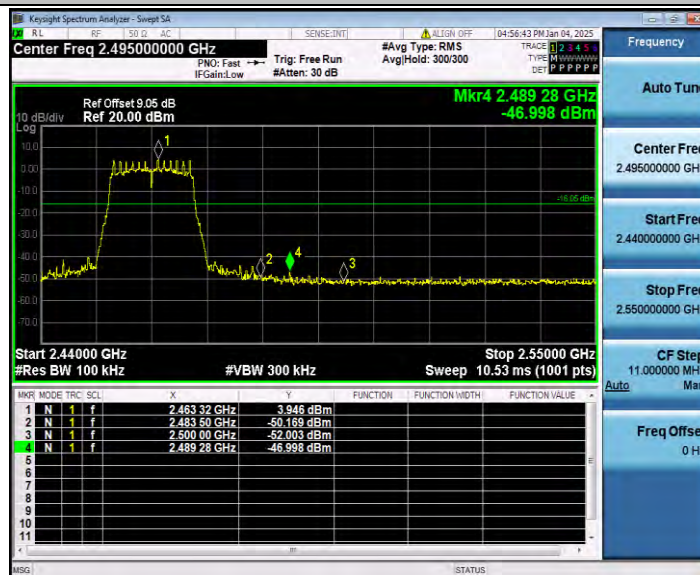
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant0	Low	2412	3.36	-48.79	≤ -16.64	PASS
		High	2462	4.76	-49.03	≤ -15.24	PASS
11G	Ant0	Low	2412	3.05	-39.74	≤ -16.95	PASS
		High	2462	3.95	-47	≤ -16.05	PASS
11N20SISO	Ant0	Low	2412	2.99	-41.28	≤ -17.01	PASS
		High	2462	3.84	-47.86	≤ -16.16	PASS
11N40SISO	Ant0	Low	2422	0.01	-38.17	≤ -19.99	PASS
		High	2452	0.68	-44.93	≤ -19.32	PASS
11AX20SISO	Ant0	Low	2412	2.67	-41.58	≤ -17.33	PASS
		High	2462	3.52	-48.04	≤ -16.48	PASS
11AX40SISO	Ant0	Low	2422	-0.31	-39.39	≤ -20.31	PASS
		High	2452	0.34	-46.02	≤ -19.67	PASS

Test Graphs

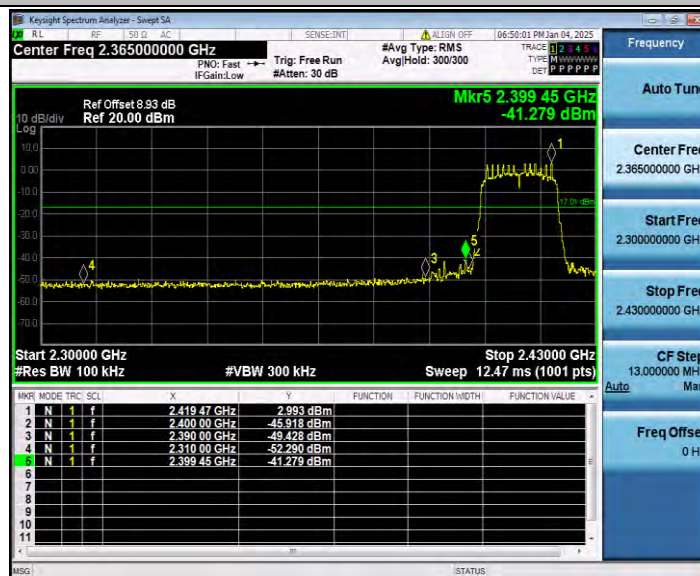




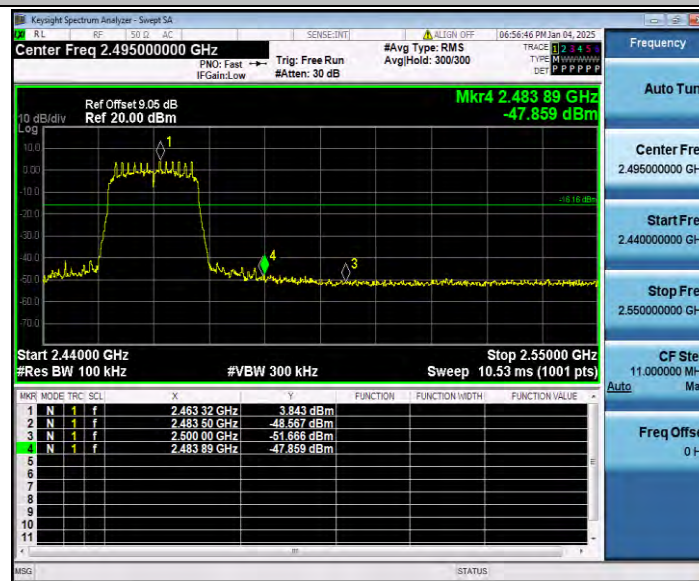
11G_Ant0_High_2462



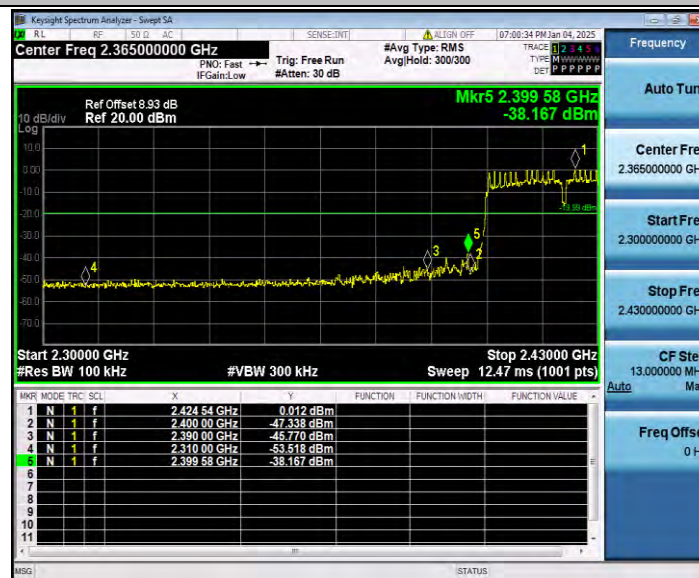
11N20SISO_Ant0_Low_2412



11N20SISO_Ant0_High_2462



11N40SISO_Ant0_Low_2422



11N40SISO_Ant0_High_2452

Keysight Spectrum Analyzer - Swept SA

Center Freq 2.365000000 GHz

Ref Offset 8.93 dB
Ref 20.00 dBm

Mkr5 2.399 58 GHz
-41.582 dBm

Start 2.30000 GHz
#Res BW 100 kHz

Stop 2.43000 GHz
#VBW 300 kHz
Sweep 12.47 ms (1001 pts)

MNR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.419 47 GHz	2.673 dBm			
2	N	1	f	2.400 00 GHz	-46.453 dBm			
3	N	1	f	2.390 00 GHz	-49.286 dBm			
4	N	1	f	2.310 00 GHz	-52.905 dBm			
5	N	1	f	2.399 58 GHz	-41.582 dBm			

Frequency

Auto Tune

Center Freq
2.365000000 GHz

Start Freq
2.300000000 GHz

Stop Freq
2.430000000 GHz

CF Step
13.000000 MHz

Auto

Man

Frequency Offset
0 Hz

Keysight Spectrum Analyzer - Sweep SA

Center Freq 2.495000000 GHz

Ref Offset 9.05 dB
Ref 20.00 dBm

Mkr4 2.48829 GHz
-48.038 dBm

Start 2.44000 GHz
#Res BW 100 kHz

Stop 2.55000 GHz
#VBW 300 kHz
Sweep 10.53 ms (1001 pts)

MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.46332 GHz	3.517 dBm			
2	N	1	f	2.48350 GHz	-51.499 dBm			
3	N	1	f	2.50000 GHz	-51.523 dBm			
4	N	1	f	2.48829 GHz	-48.038 dBm			

Frequency

Auto Tune

Center Freq
2.495000000 GHz

Start Freq
2.440000000 GHz

Stop Freq
2.550000000 GHz

CF Step
11.00000 MHz

Auto

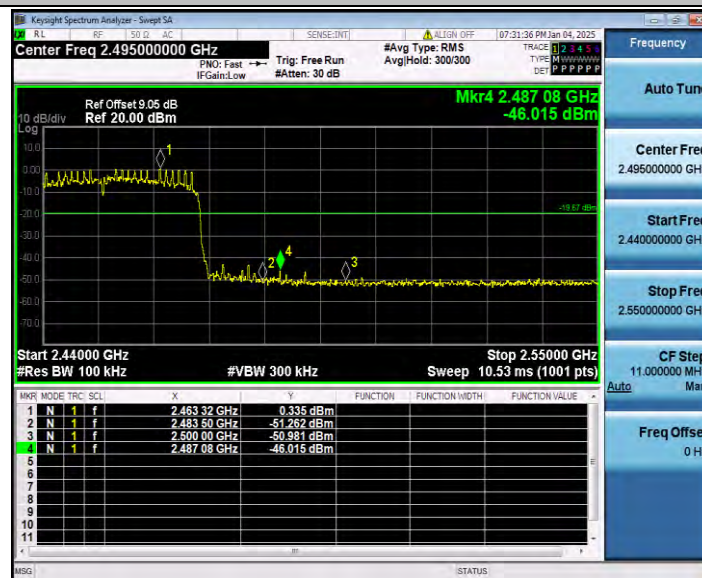
Man

Freq Offset
0 Hz

11AX40SISO_Ant0_Low_2422



11AX40SISO_Ant0_High_2452



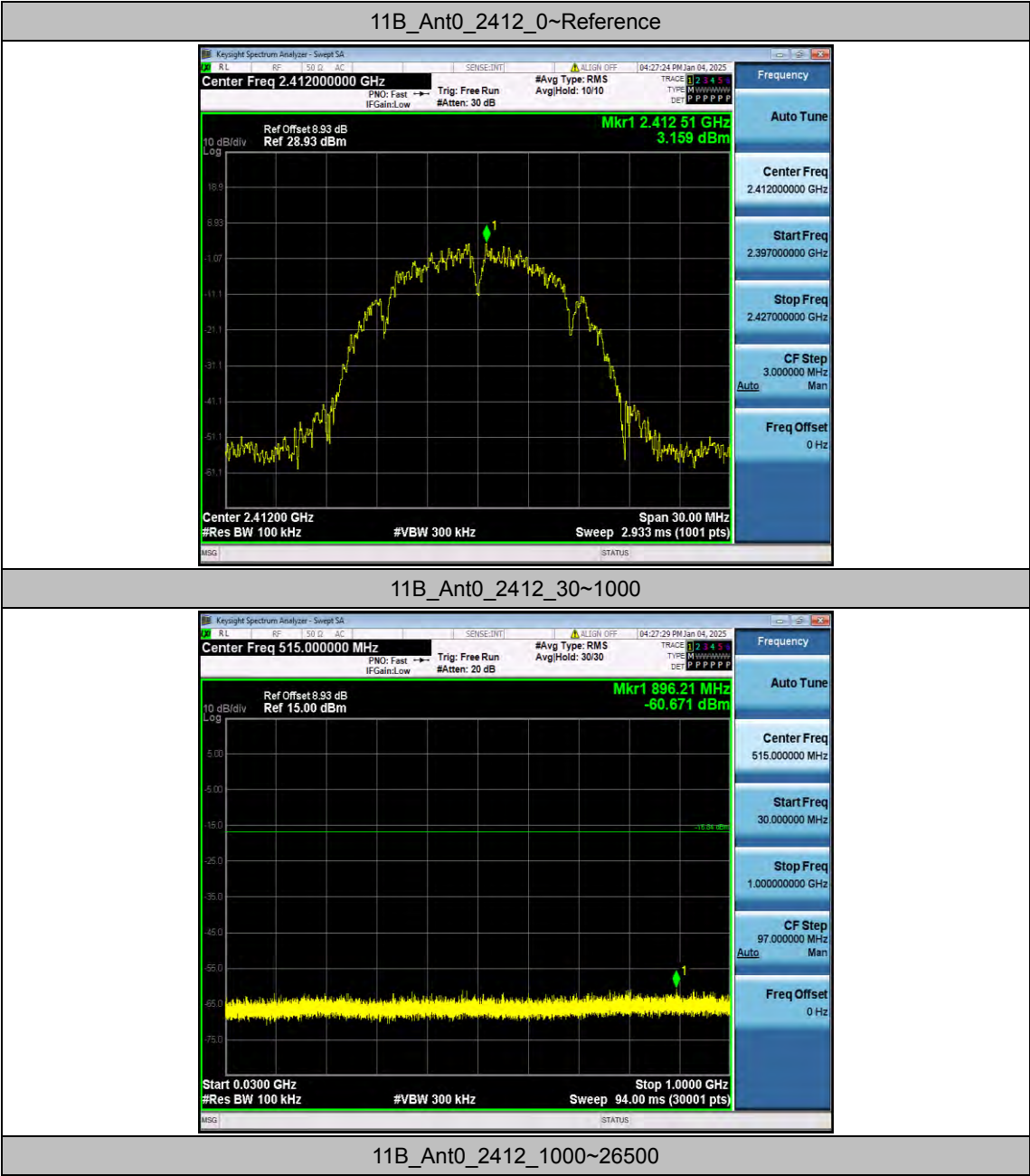
Appendix C.6: Conducted Spurious Emission

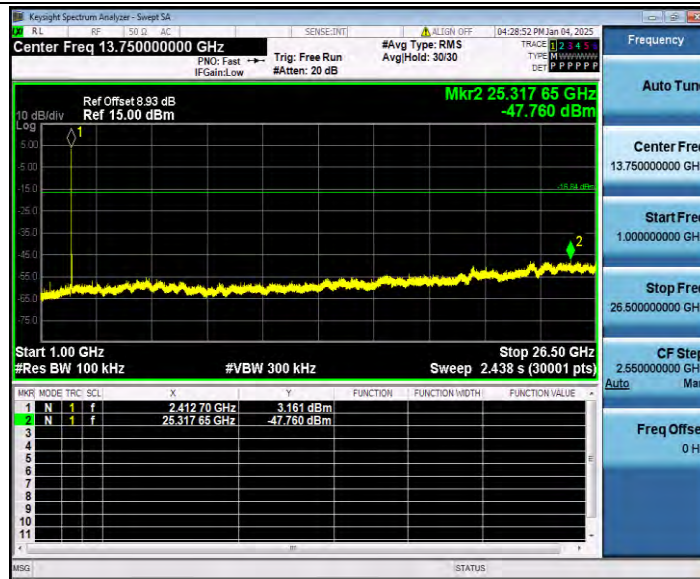
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant0	2412	Reference	3.16	3.16	---	PASS
			30~1000	3.16	-60.67	≤ -16.84	PASS
			1000~26500	3.16	-47.76	≤ -16.84	PASS
		2437	Reference	2.48	2.48	---	PASS
			30~1000	2.48	-60.02	≤ -17.52	PASS
			1000~26500	2.48	-47.41	≤ -17.52	PASS
		2462	Reference	4.04	4.04	---	PASS
			30~1000	4.04	-60.23	≤ -15.96	PASS
			1000~26500	4.04	-47.4	≤ -15.96	PASS
11G	Ant0	2412	Reference	2.67	2.67	---	PASS
			30~1000	2.67	-59.91	≤ -17.33	PASS
			1000~26500	2.67	-47.65	≤ -17.33	PASS
		2437	Reference	2.73	2.73	---	PASS
			30~1000	2.73	-60.7	≤ -17.27	PASS
			1000~26500	2.73	-47.39	≤ -17.27	PASS
		2462	Reference	3.37	3.37	---	PASS
			30~1000	3.37	-60.63	≤ -16.63	PASS
			1000~26500	3.37	-47.78	≤ -16.63	PASS
11N20SISO	Ant0	2412	Reference	2.93	2.93	---	PASS
			30~1000	2.93	-60.76	≤ -17.07	PASS
			1000~26500	2.93	-46.58	≤ -17.07	PASS
		2437	Reference	3.04	3.04	---	PASS
			30~1000	3.04	-60.18	≤ -16.96	PASS
			1000~26500	3.04	-48.12	≤ -16.96	PASS
		2462	Reference	3.40	3.40	---	PASS
			30~1000	3.40	-60.58	≤ -16.6	PASS
			1000~26500	3.40	-47.76	≤ -16.6	PASS
11N40SISO	Ant0	2422	Reference	0.06	0.06	---	PASS
			30~1000	0.06	-60.36	≤ -19.94	PASS
			1000~26500	0.06	-47.61	≤ -19.94	PASS
		2437	Reference	0.45	0.45	---	PASS
			30~1000	0.45	-60.71	≤ -19.55	PASS
			1000~26500	0.45	-47.44	≤ -19.55	PASS
		2452	Reference	0.45	0.45	---	PASS
			30~1000	0.45	-60.33	≤ -19.55	PASS
			1000~26500	0.45	-48.05	≤ -19.55	PASS

11AX20SISO	Ant0	2412	Reference	1.75	1.75	---	PASS
			30~1000	1.75	-60.69	≤ -18.25	PASS
			1000~26500	1.75	-48.26	≤ -18.25	PASS
		2437	Reference	2.76	2.76	---	PASS
			30~1000	2.76	-59.96	≤ -17.24	PASS
			1000~26500	2.76	-48.11	≤ -17.24	PASS
		2462	Reference	3.50	3.50	---	PASS
			30~1000	3.50	-60.38	≤ -16.5	PASS
			1000~26500	3.50	-47.19	≤ -16.5	PASS
11AX40SISO	Ant0	2422	Reference	-0.34	-0.34	---	PASS
			30~1000	-0.34	-59.67	≤ -20.34	PASS
			1000~26500	-0.34	-48.17	≤ -20.34	PASS
		2437	Reference	-0.34	-0.34	---	PASS
			30~1000	-0.34	-60.39	≤ -20.34	PASS
			1000~26500	-0.34	-46.86	≤ -20.34	PASS
		2452	Reference	-0.07	-0.07	---	PASS
			30~1000	-0.07	-60.72	≤ -20.07	PASS
			1000~26500	-0.07	-47.24	≤ -20.07	PASS

Test Graphs

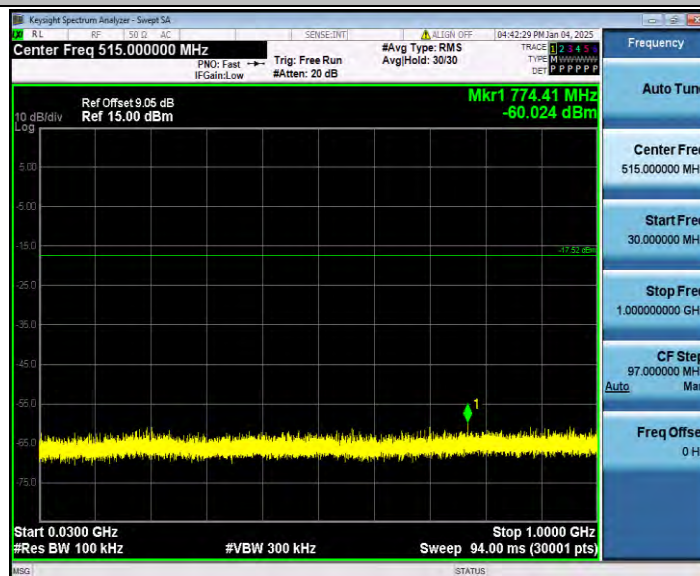




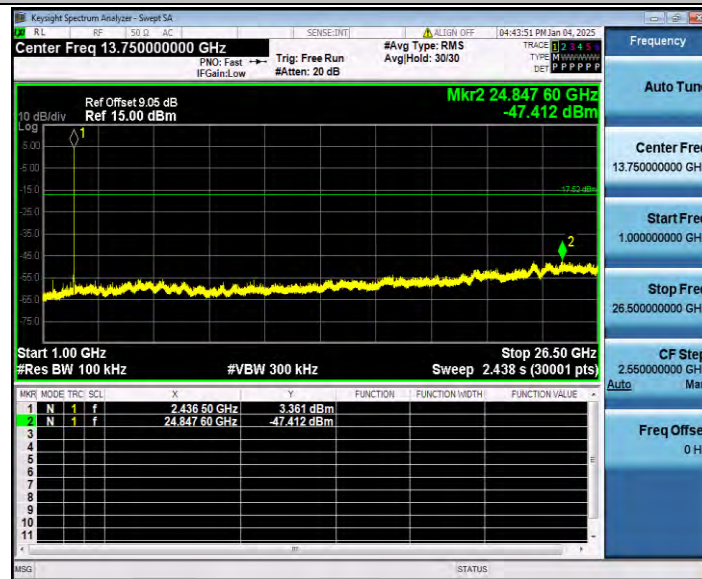
11B_Ant0_2437_0~Reference



11B_Ant0_2437_30~1000



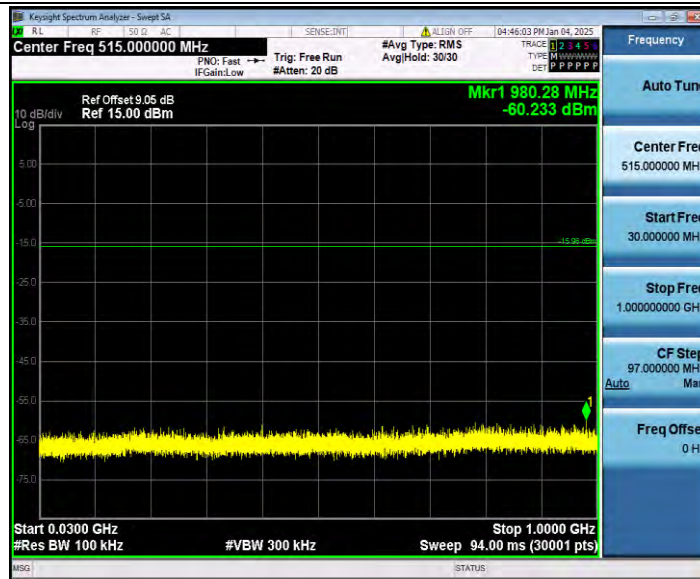
11B_Ant0_2437_1000~26500



11B_Ant0_2462_0~Reference



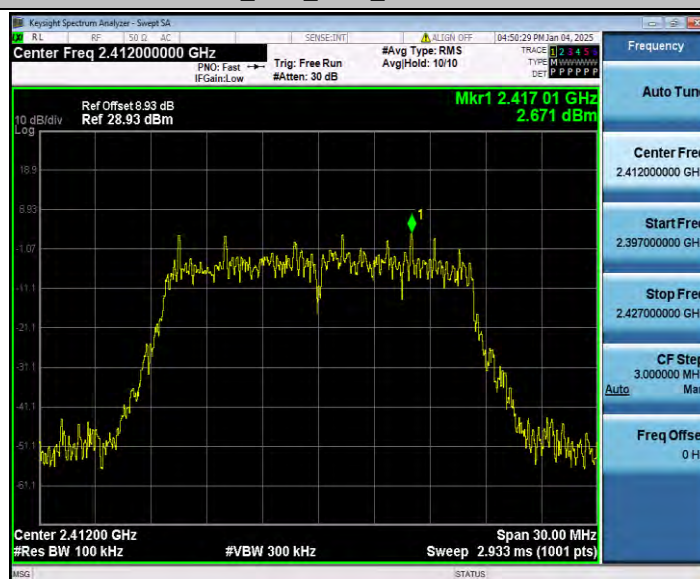
11B_Ant0_2462_30~1000



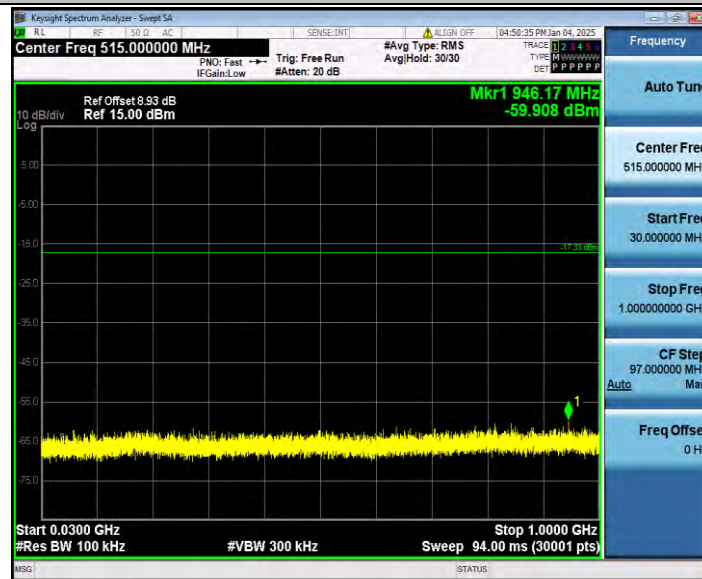
11B_Ant0_2462_1000~26500



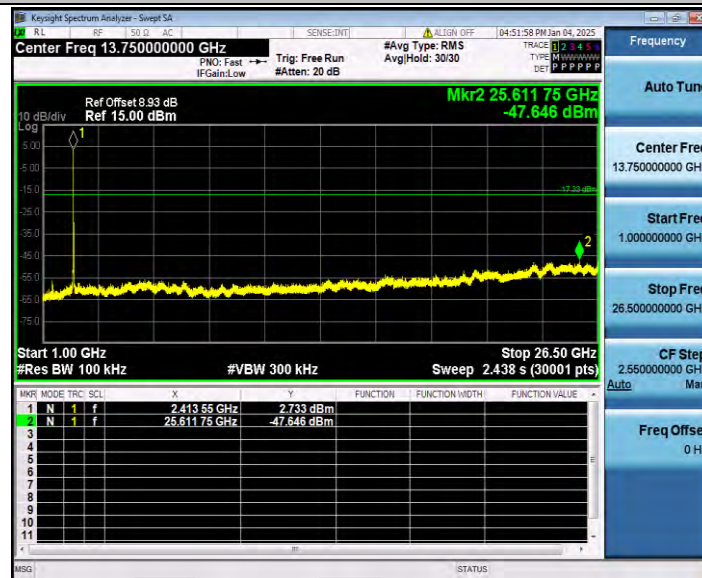
11G_Ant0_2412_0~Reference



11G_Ant0_2412_30~1000



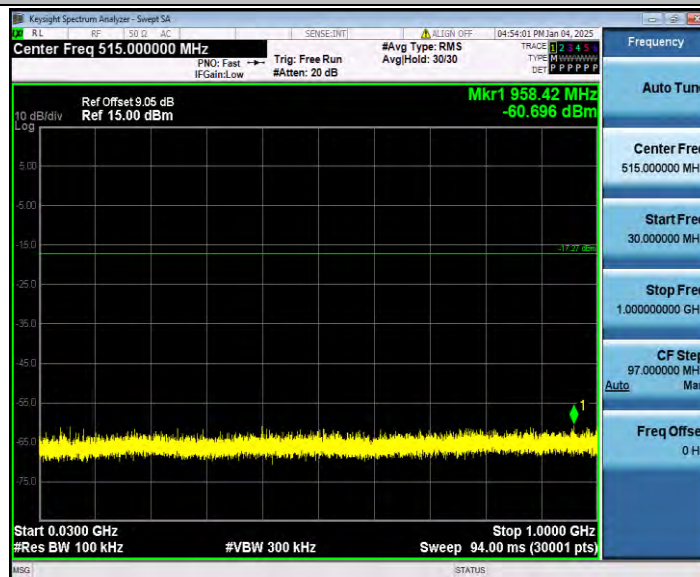
11G_Ant0_2412_1000~26500



11G_Ant0_2437_0~Reference



11G_Ant0_2437_30~1000



11G_Ant0_2437_1000~26500



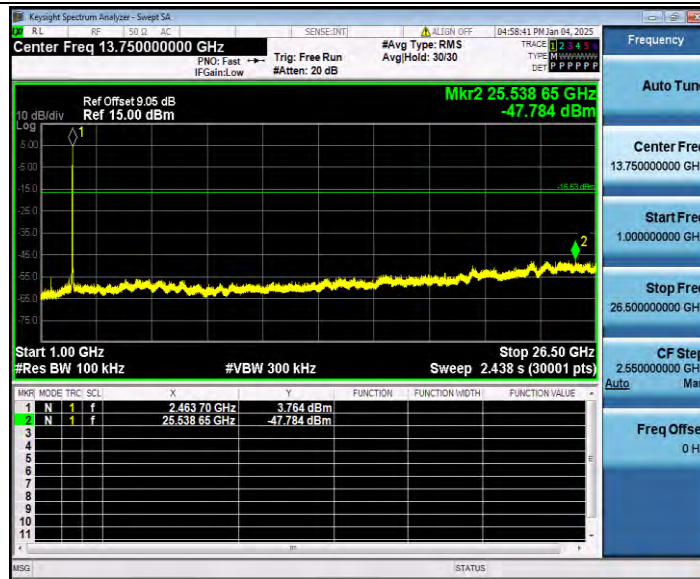
11G_Ant0_2462_0~Reference



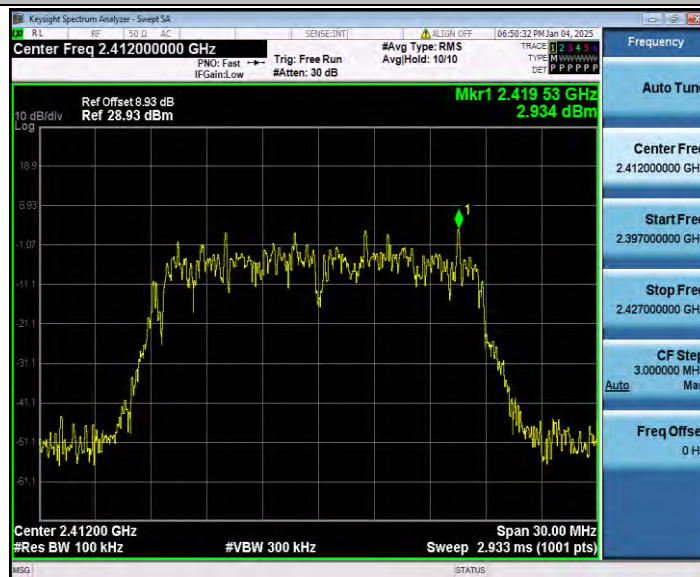
11G_Ant0_2462_30~1000



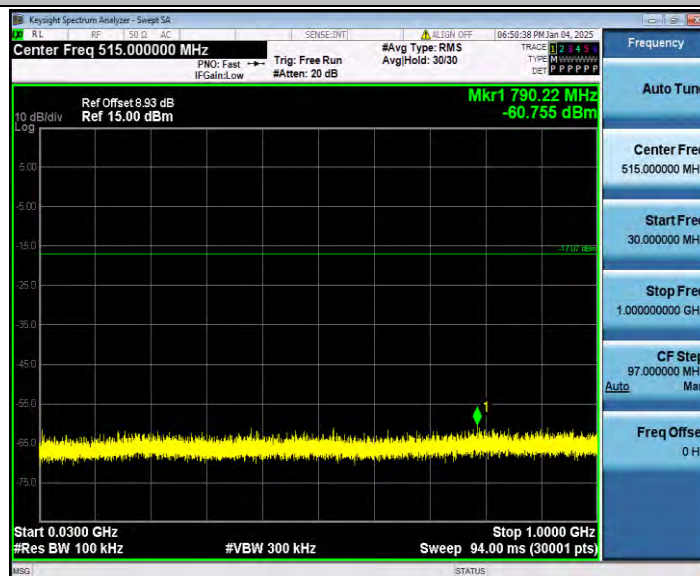
11G_Ant0_2462_1000~26500



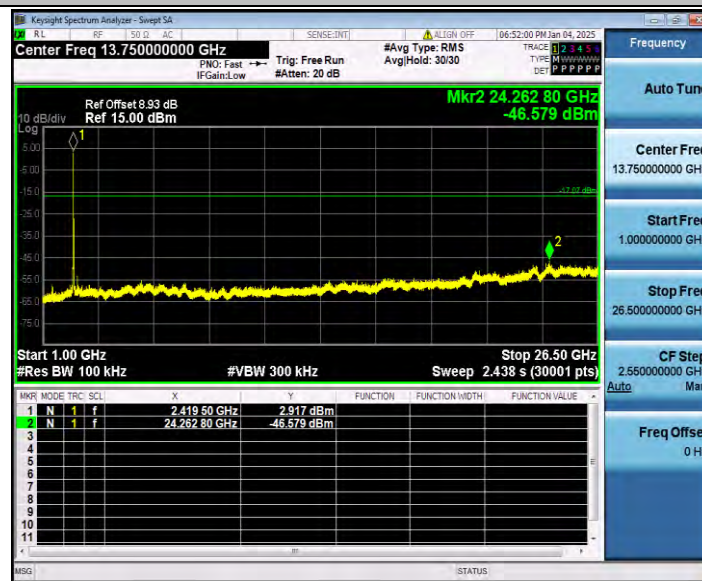
11N20SISO_Ant0_2412_0~Reference



11N20SISO_Ant0_2412_30~1000



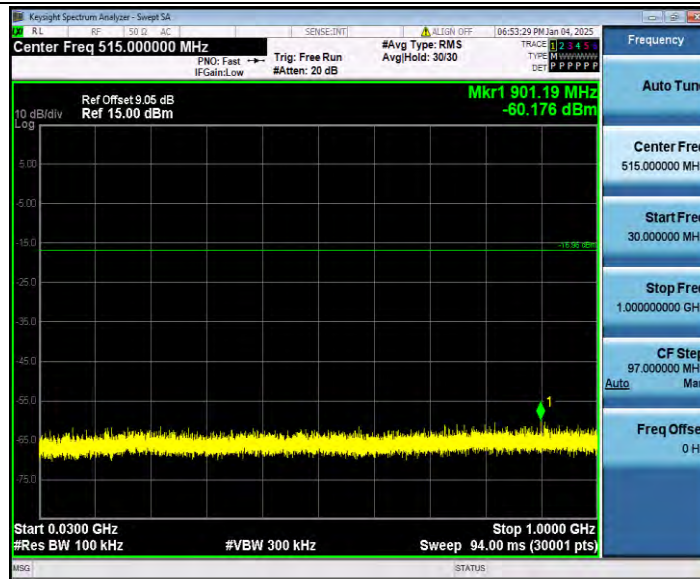
11N20SISO_Ant0_2412_1000~26500



11N20SISO_Ant0_2437_0~Reference



11N20SISO_Ant0_2437_30~1000

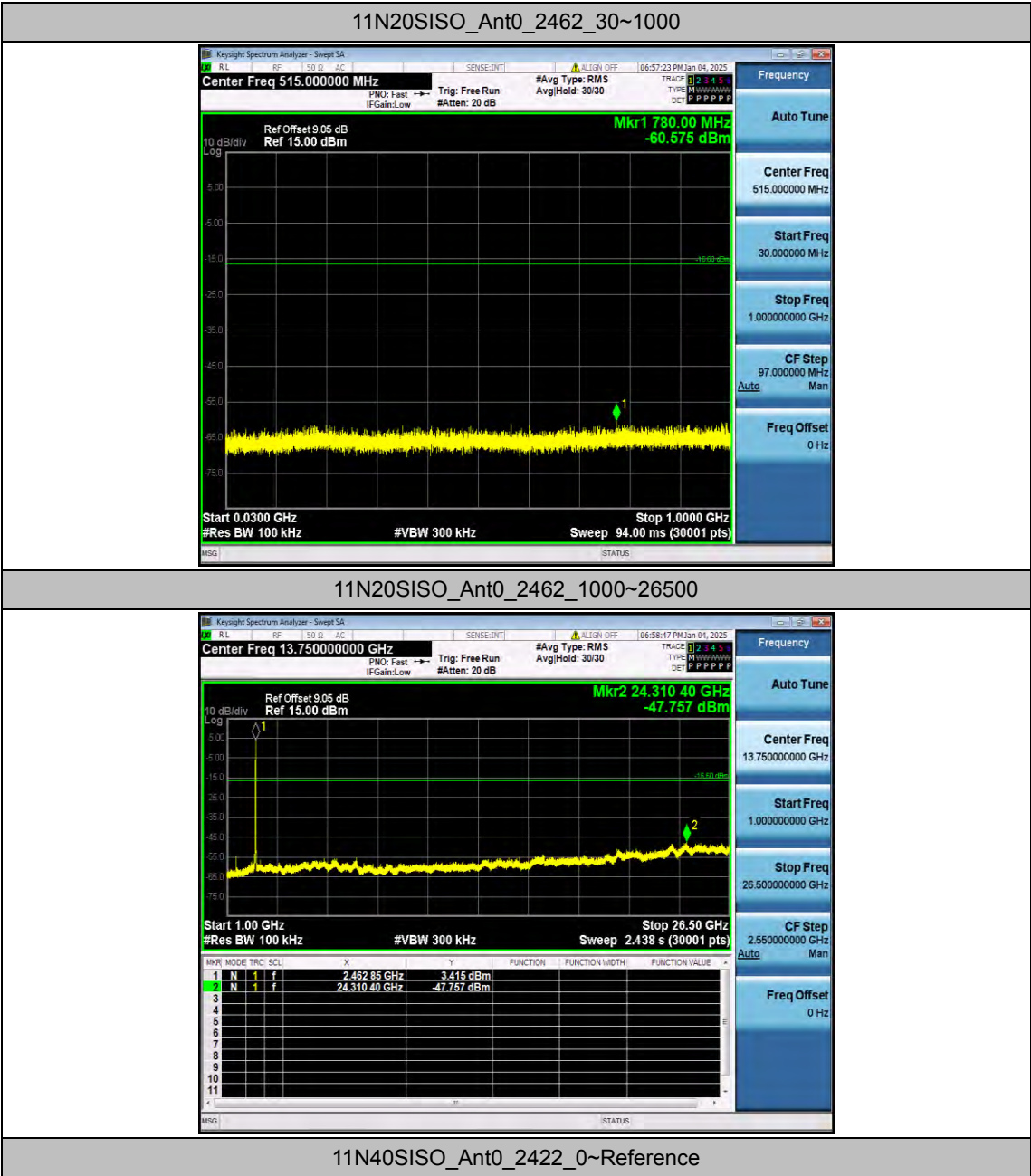


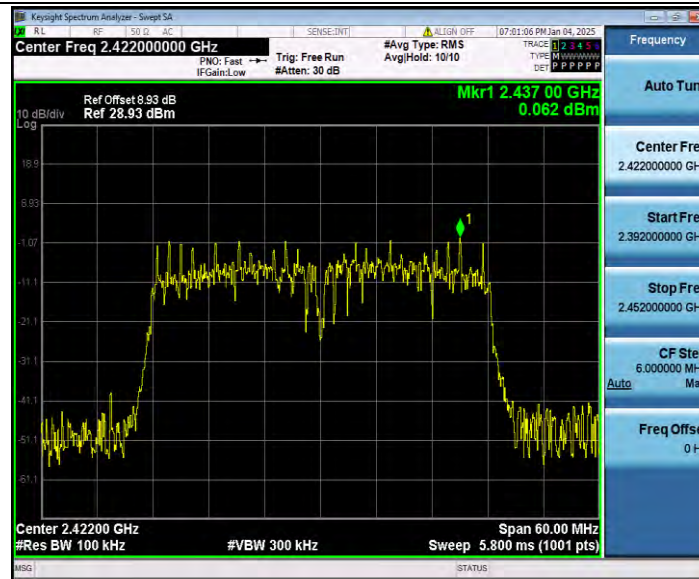
11N20SISO_Ant0_2437_1000~26500



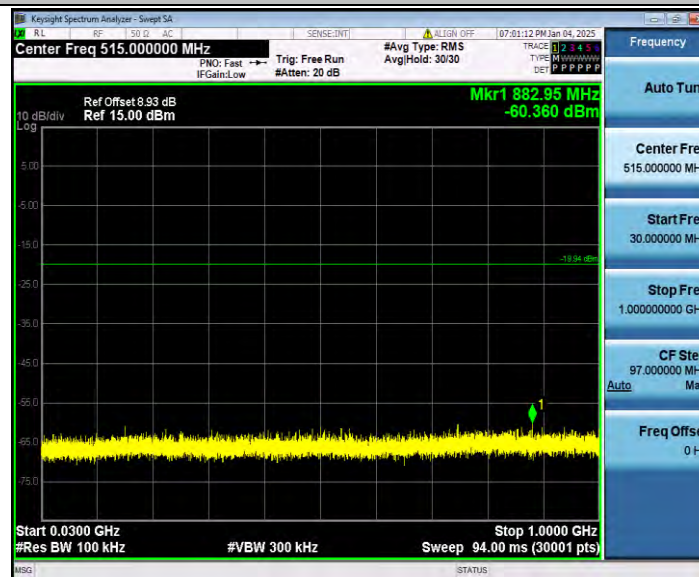
11N20SISO_Ant0_2462_0~Reference



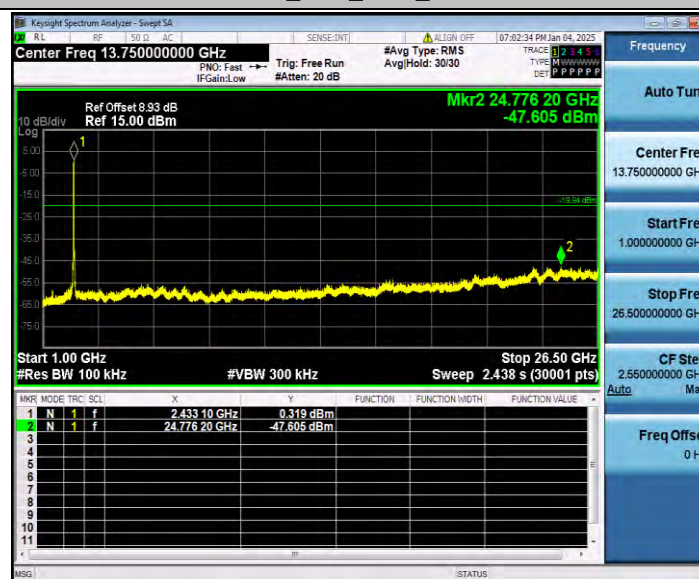




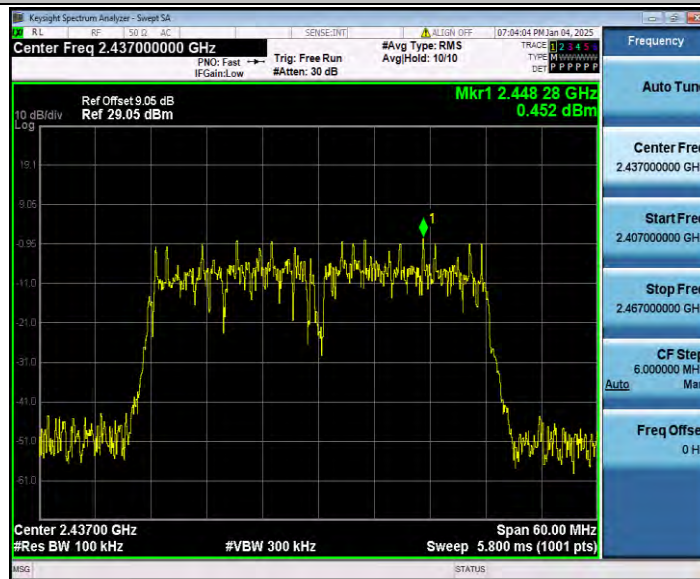
11N40SISO_Ant0_2422_30~1000



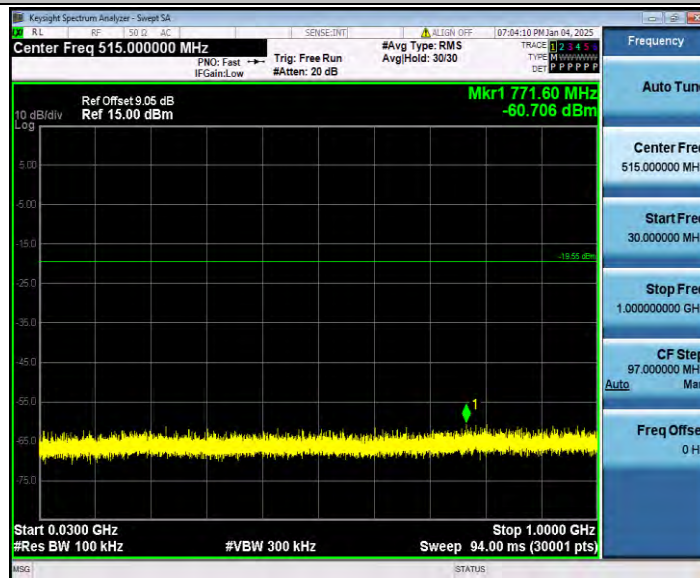
11N40SISO_Ant0_2422_1000~26500



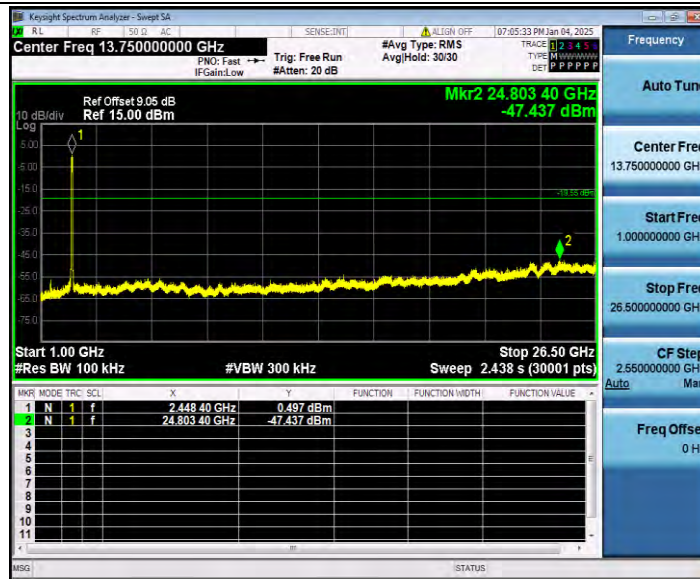
11N40SISO_Ant0_2437_0~Reference



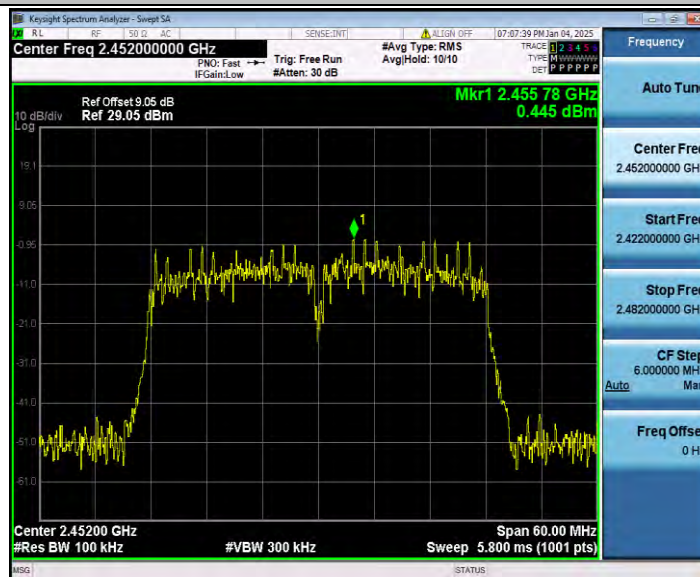
11N40SISO_Ant0_2437_30~1000



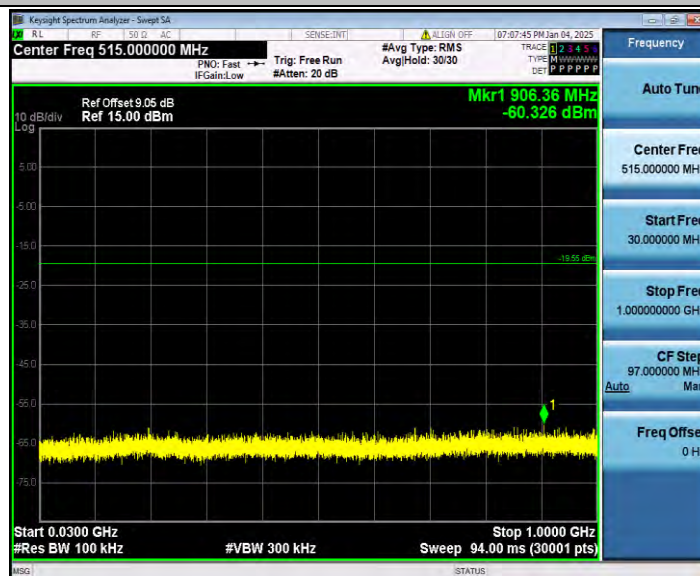
11N40SISO_Ant0_2437_1000~26500



11N40SISO_Ant0_2452_0~Reference



11N40SISO_Ant0_2452_30~1000



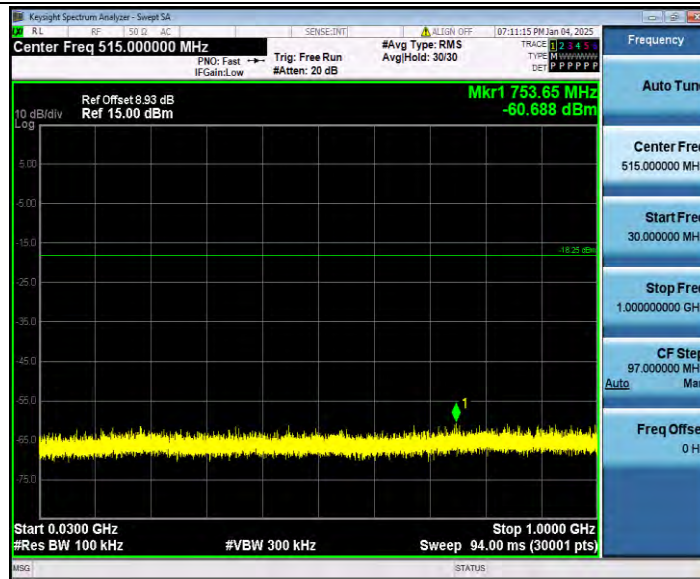
11N40SISO_Ant0_2452_1000~26500



11AX20SISO_Ant0_2412_0~Reference



11AX20SISO_Ant0_2412_30~1000

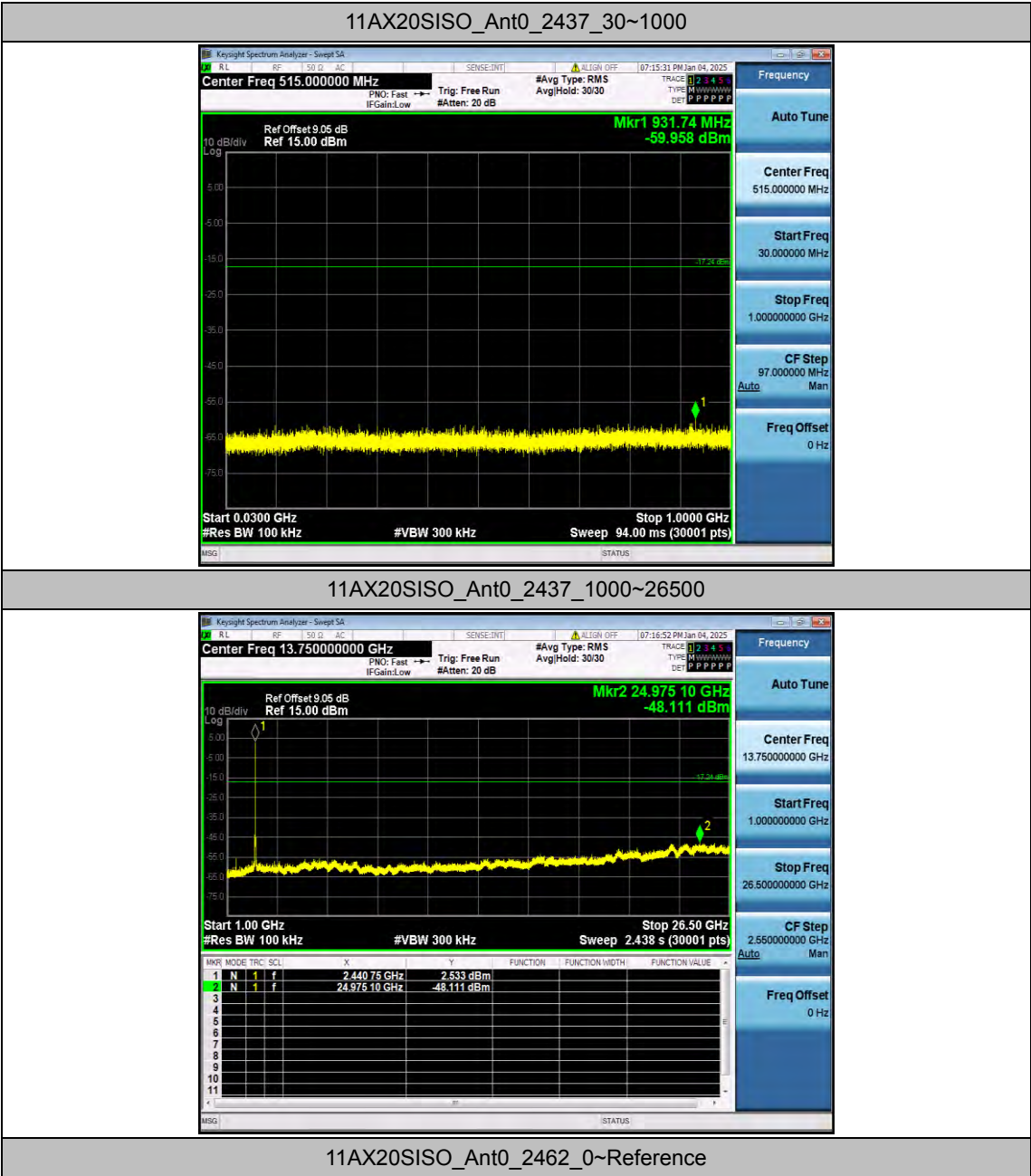


11AX20SISO_Ant0_2412_1000~26500



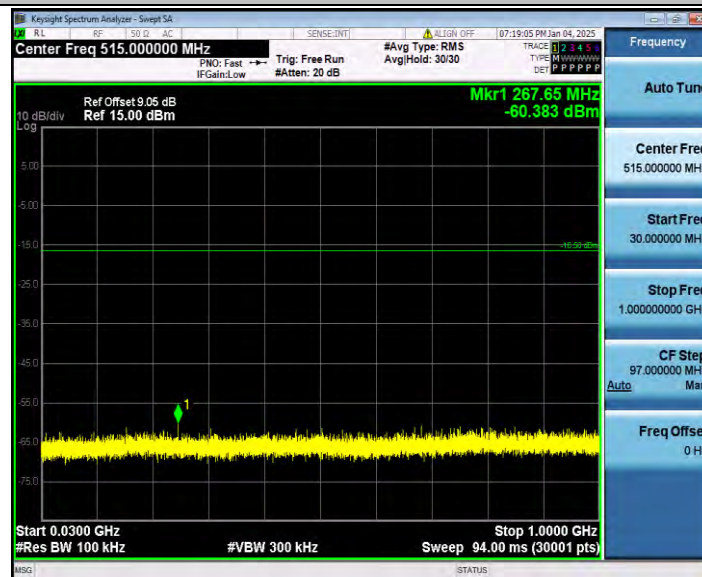
11AX20SISO_Ant0_2437_0~Reference







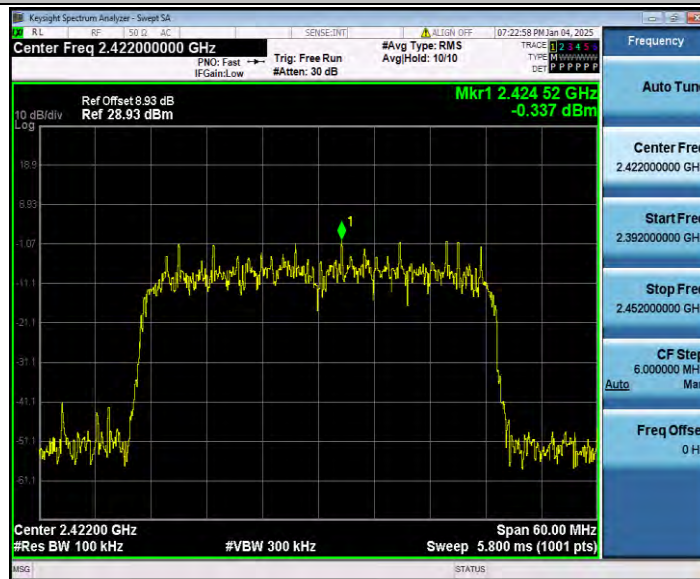
11AX20SISO_Ant0_2462_30~1000



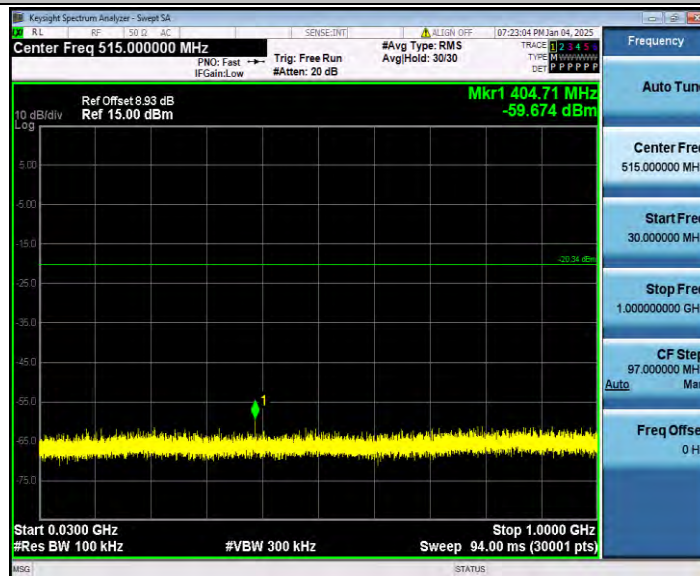
11AX20SISO_Ant0_2462_1000~26500



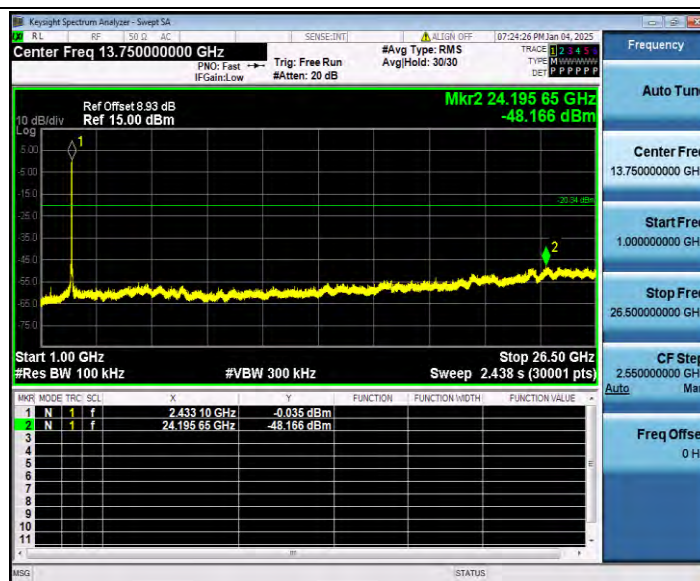
11AX40SISO_Ant0_2422_0~Reference



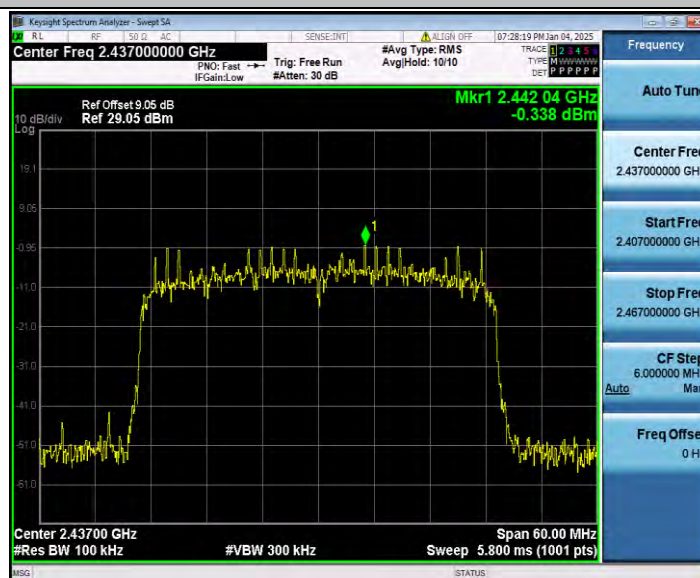
11AX40SISO_Ant0_2422_30~1000



11AX40SISO_Ant0_2422_1000~26500



11AX40SISO_Ant0_2437_0~Reference



11AX40SISO_Ant0_2437_30~1000

