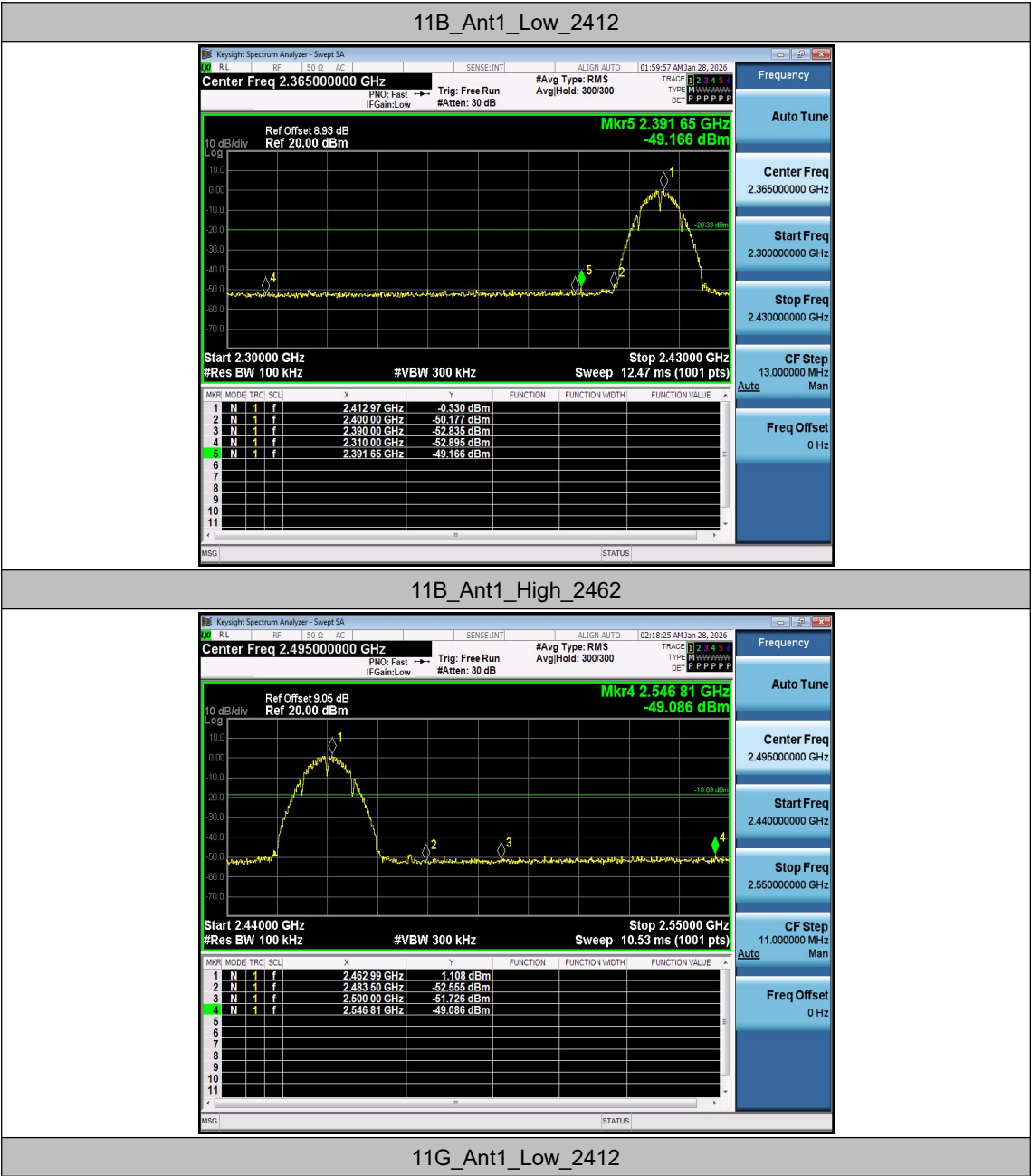


Appendix A.5: Band edge measurements

Test Result

TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-0.33	-49.17	≤-20.33	PASS
		High	2462	1.11	-49.09	≤-18.89	PASS
11G	Ant1	Low	2412	-3.04	-43.29	≤-23.04	PASS
		High	2462	-4.71	-46.94	≤-24.71	PASS
11N20SISO	Ant1	Low	2412	-3.21	-42.76	≤-23.21	PASS
		High	2462	-1.55	-49.77	≤-21.55	PASS
11N40SISO	Ant1	Low	2422	-5.86	-47.78	≤-25.86	PASS
		High	2452	-5.76	-49.25	≤-25.76	PASS

Test Graphs



11B_Ant1_High_2462

Keysight Spectrum Analyzer - Sweep SA

RF: 150.0 AC

SENSE:INT

ALIGN: AUTO

02:18:25 AM Jan 28, 2026

Center Freq 2.495000000 GHz

PN0: Fast IF Gain: Low

Trig: Free Run #Atten: 30 dB

#Avg Type: RMS Avg/Hold: 300/300

TRACE 1 2 3 4 5

TYPE M M M M M M M M M M

DET P P P P P P P P P P

Ref Offset 9.05 dB

Ref 20.00 dBm

Mkr4 2.546 81 GHz

-49.086 dBm

-19.89 dBm

10 dB/div

0.00

-10.00

-20.00

-30.00

-40.00

-50.00

-60.00

-70.00

Start 2.44000 GHz

#Res BW 100 kHz

#VBW 300 kHz

Stop 2.55000 GHz

Sweep 10.53 ms (1001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION (WIDTH)	FUNCTION VALUE
1	N	1	f	2.462 99 GHz	1.108 dBm			
2	N	1	f	2.483 50 GHz	-52.555 dBm			
3	N	1	f	2.500 00 GHz	-51.726 dBm			
4	N	1	f	2.546 81 GHz	-49.086 dBm			
5								
6								
7								
8								
9								
10								
11								

MSG

STATUS

Frequency

Auto Tune

Center Freq 2.495000000 GHz

Start Freq 2.440000000 GHz

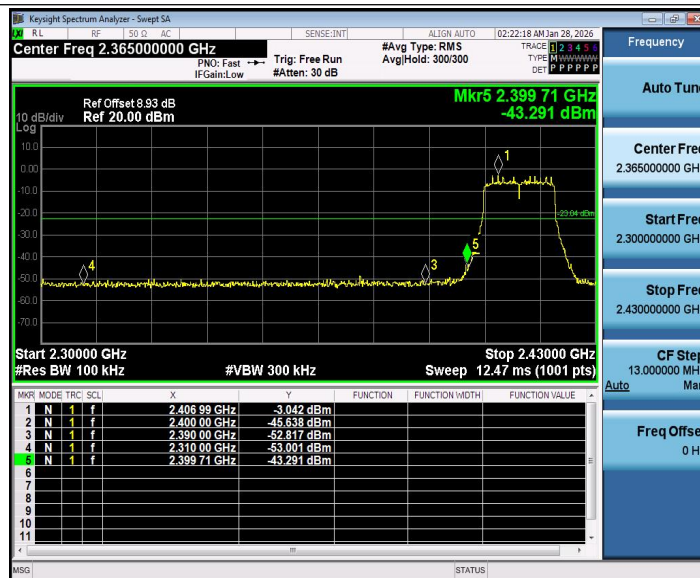
Stop Freq 2.550000000 GHz

CF Step 11.000000 MHz

Auto Man

Freq Offset 0 Hz

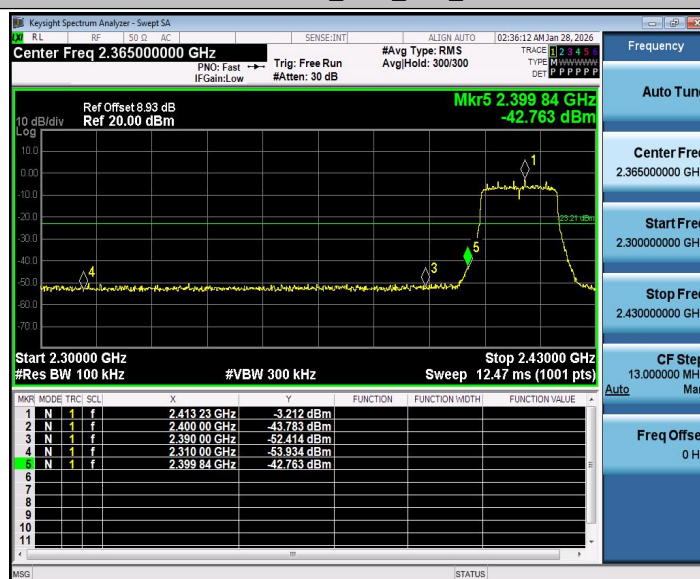
11G_Ant1_Low_2412



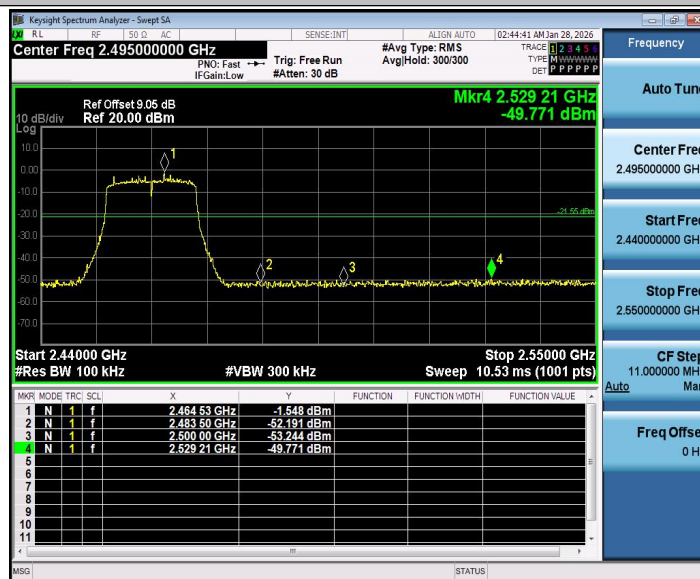
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



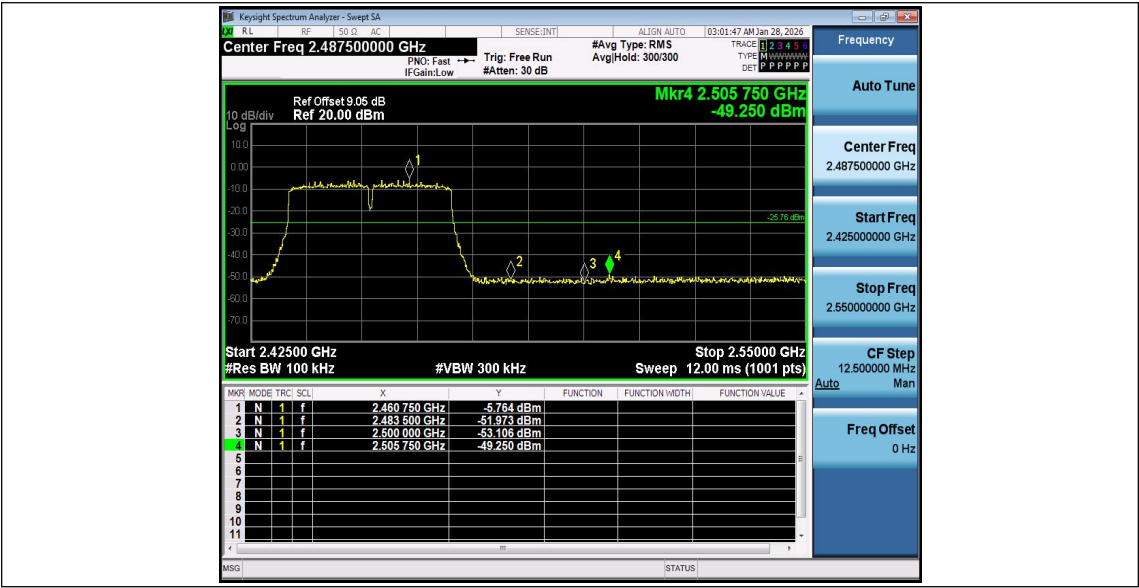
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



Appendix A.6: Conducted Spurious Emission

Test Result

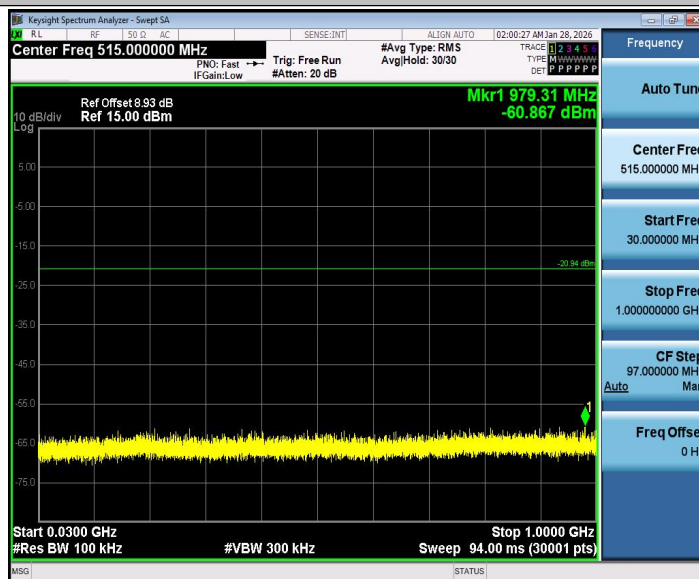
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	-0.94	-0.94	---	PASS
			30~1000	-0.94	-60.87	≤-20.94	PASS
			1000~26500	-0.94	-47.25	≤-20.94	PASS
		2437	Reference	-0.53	-0.53	---	PASS
			30~1000	-0.53	-60.35	≤-20.53	PASS
			1000~26500	-0.53	-47.07	≤-20.53	PASS
		2462	Reference	0.64	0.64	---	PASS
			30~1000	0.64	-59.87	≤-19.36	PASS
			1000~26500	0.64	-47.67	≤-19.36	PASS
11G	Ant1	2412	Reference	-4.08	-4.08	---	PASS
			30~1000	-4.08	-60.13	≤-24.08	PASS
			1000~26500	-4.08	-47.37	≤-24.08	PASS
		2437	Reference	-5.52	-5.52	---	PASS
			30~1000	-5.52	-60.56	≤-25.52	PASS
			1000~26500	-5.52	-47.15	≤-25.52	PASS
		2462	Reference	-4.97	-4.97	---	PASS
			30~1000	-4.97	-61.11	≤-24.97	PASS
			1000~26500	-4.97	-47.27	≤-24.97	PASS
11N20SISO	Ant1	2412	Reference	-6.16	-6.16	---	PASS
			30~1000	-6.16	-60.36	≤-26.16	PASS
			1000~26500	-6.16	-47.5	≤-26.16	PASS
		2437	Reference	-5.66	-5.66	---	PASS
			30~1000	-5.66	-59.74	≤-25.66	PASS
			1000~26500	-5.66	-47.74	≤-25.66	PASS
		2462	Reference	-5.16	-5.16	---	PASS
			30~1000	-5.16	-60.41	≤-25.16	PASS
			1000~26500	-5.16	-47.35	≤-25.16	PASS
11N40SISO	Ant1	2422	Reference	-8.96	-8.96	---	PASS
			30~1000	-8.96	-60.75	≤-28.96	PASS
			1000~26500	-8.96	-47.6	≤-28.96	PASS
		2437	Reference	-6.10	-6.10	---	PASS
			30~1000	-6.10	-60.32	≤-26.1	PASS
			1000~26500	-6.10	-47.76	≤-26.1	PASS
		2452	Reference	-7.94	-7.94	---	PASS
			30~1000	-7.94	-60.58	≤-27.94	PASS
			1000~26500	-7.94	-47.92	≤-27.94	PASS

Test Graphs

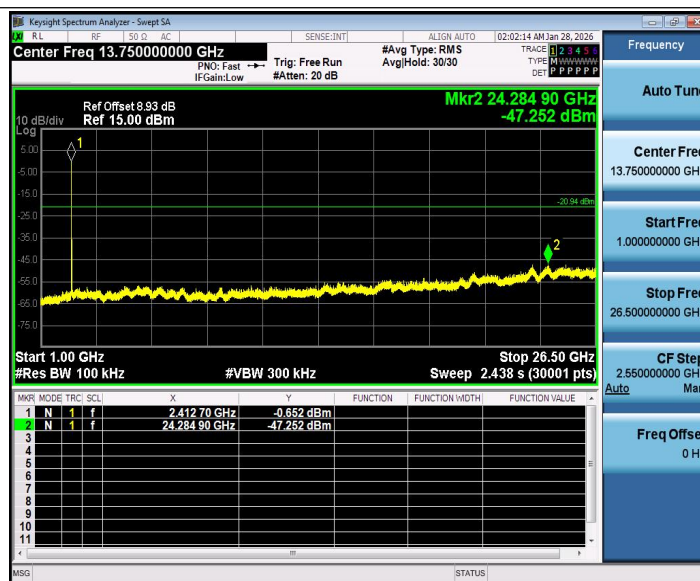
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



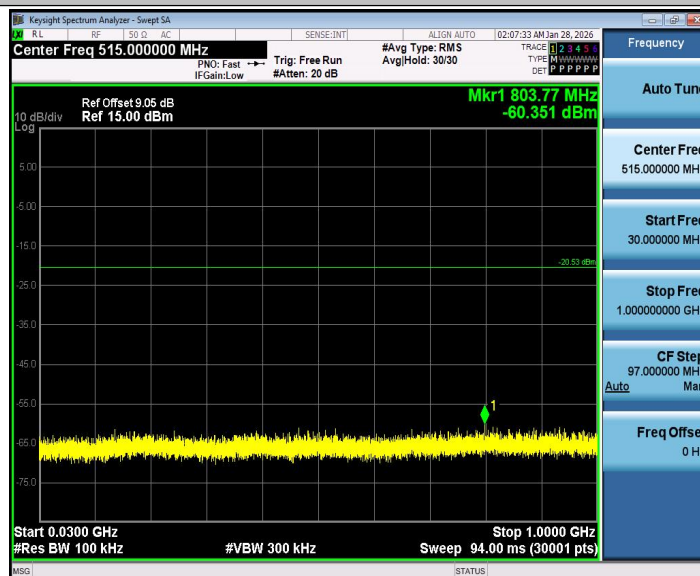
11B_Ant1_2412_1000~26500

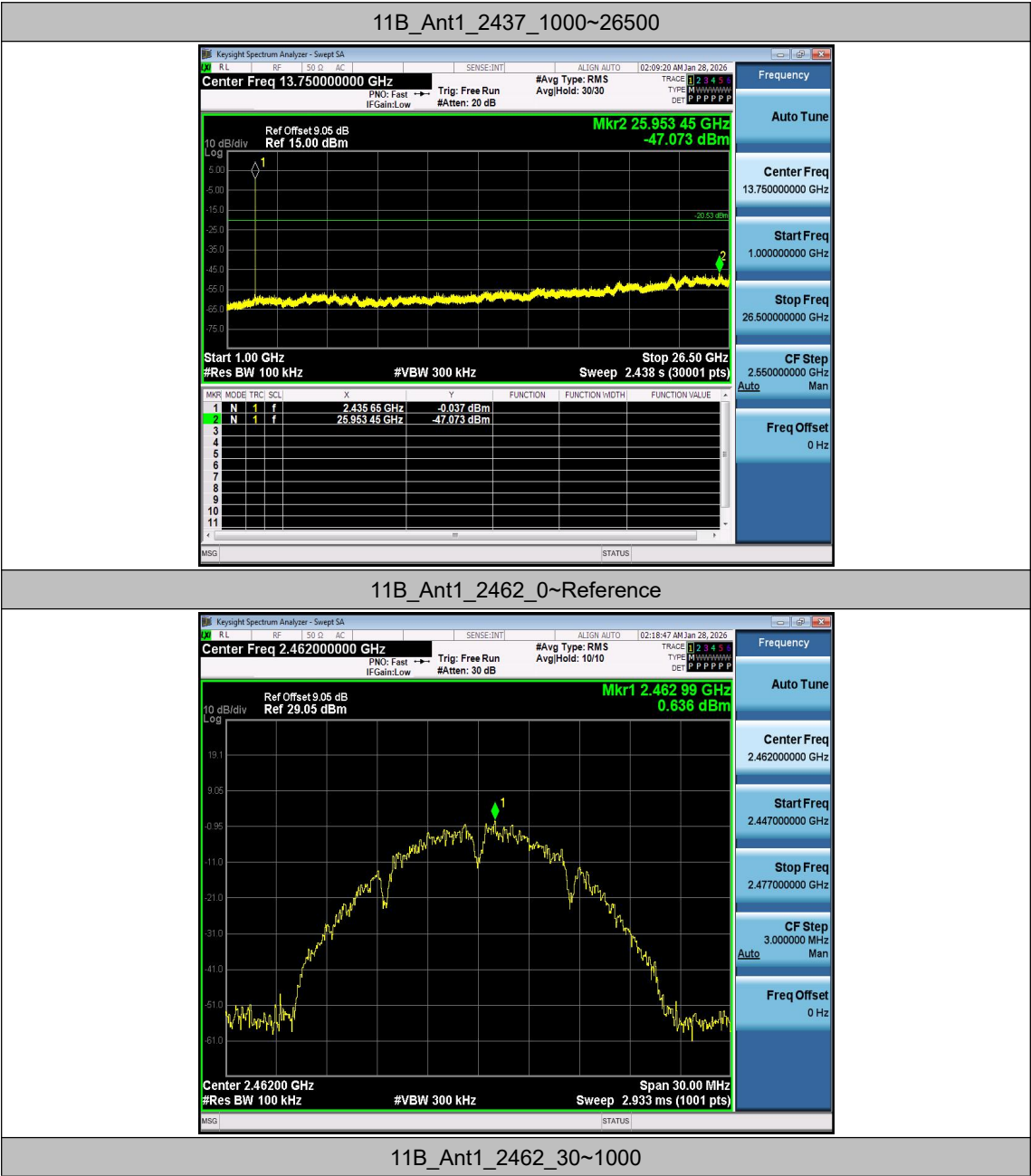


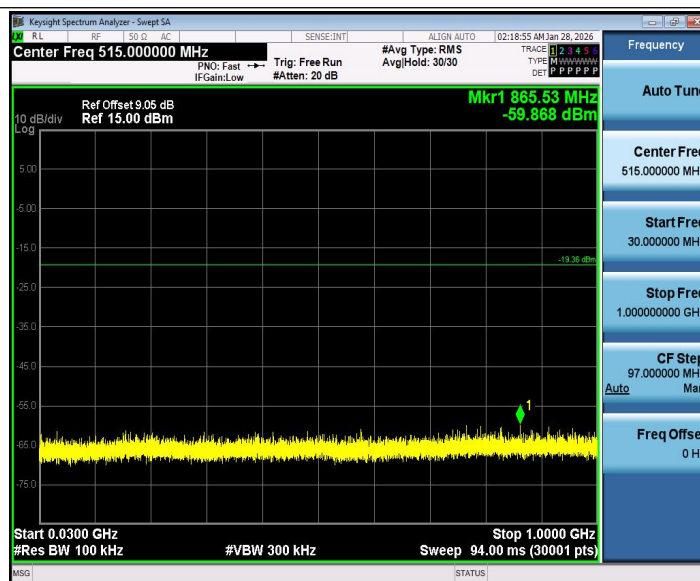
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000





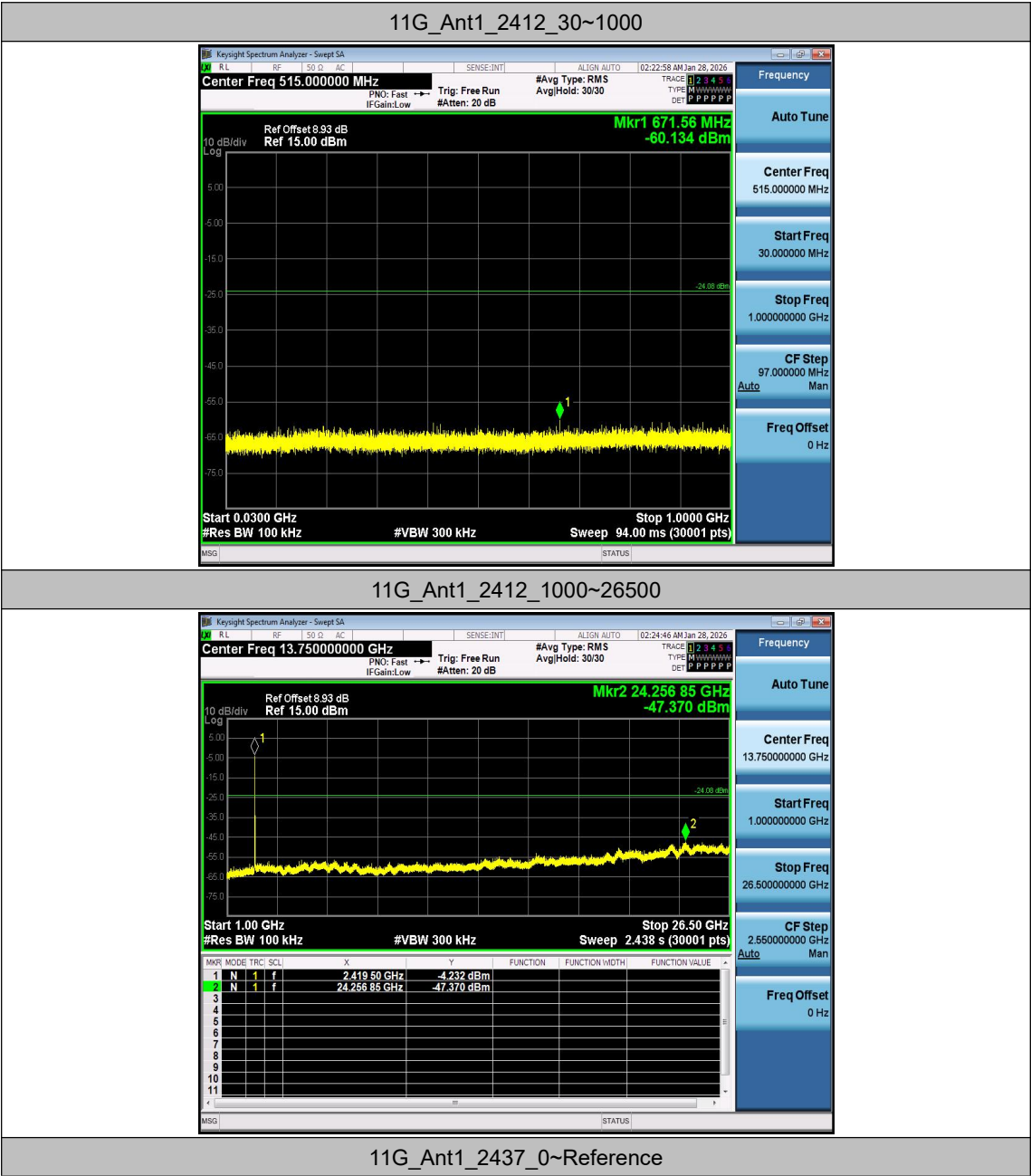


11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference







11G_Ant1_2437_30~1000



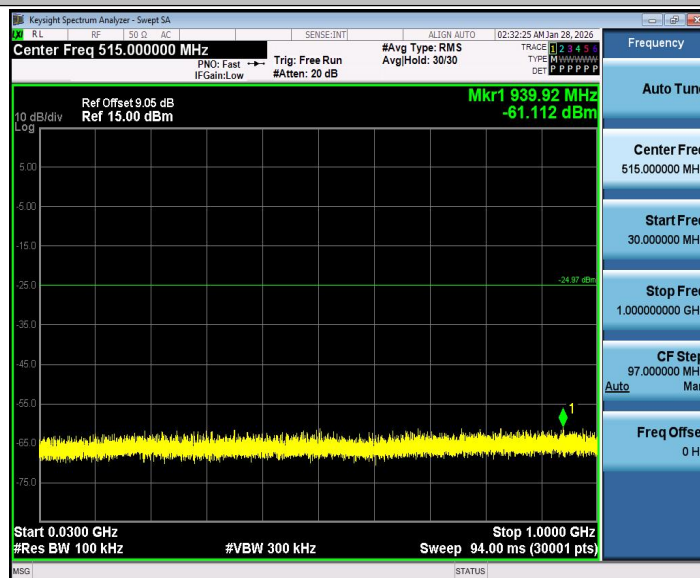
11G_Ant1_2437_1000~26500



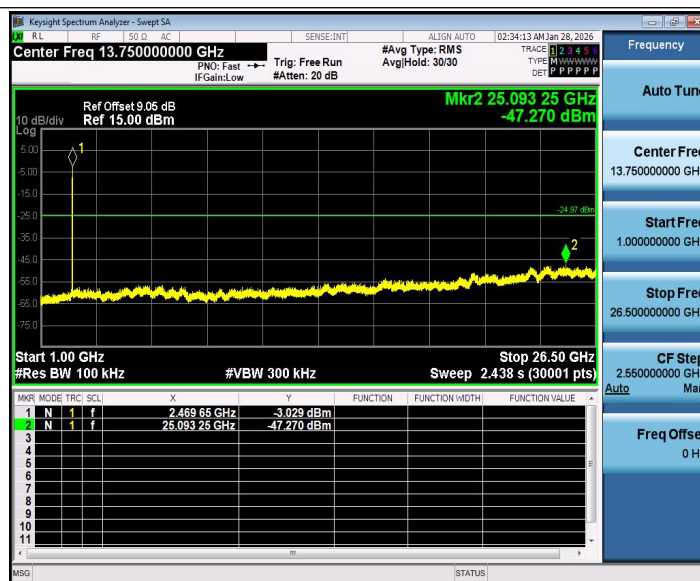
11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



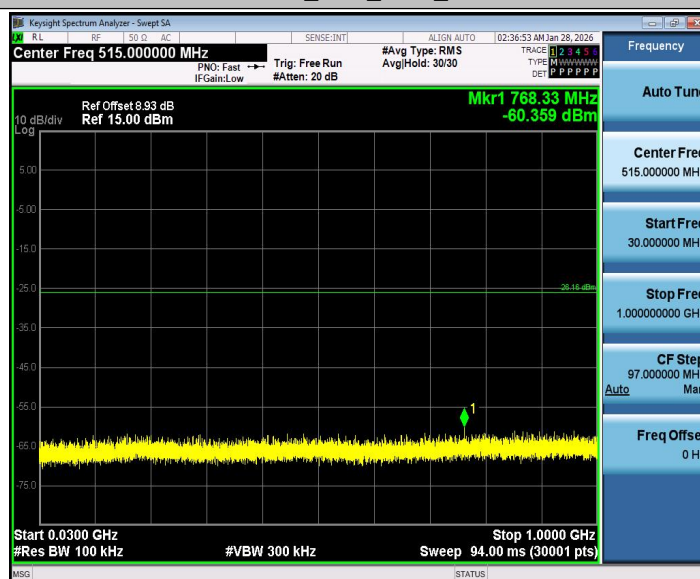
11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



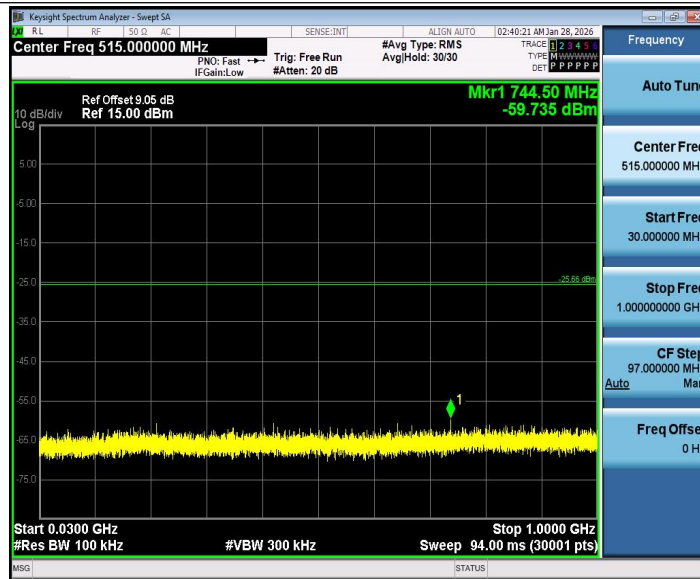
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000

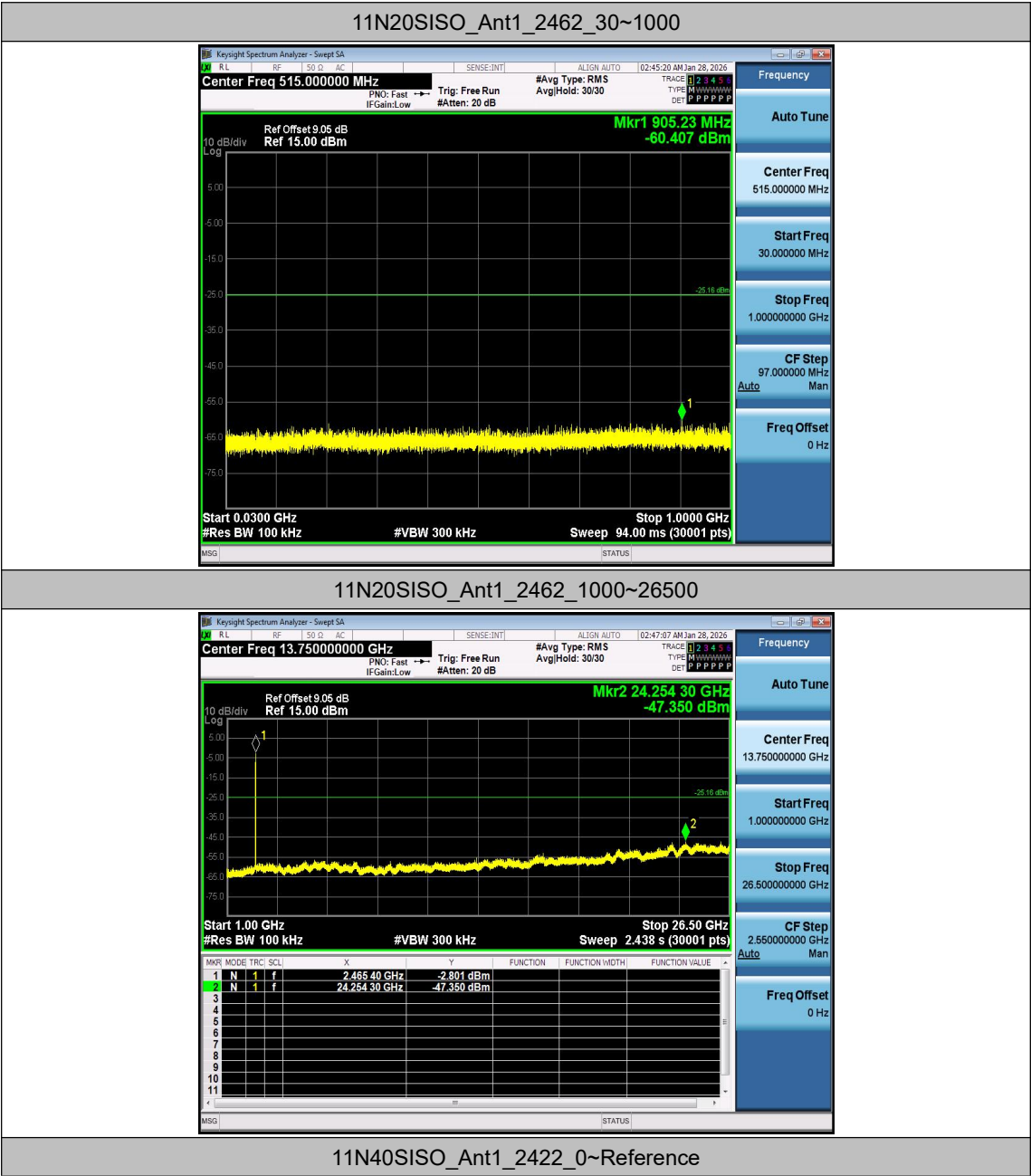


11N20SISO_Ant1_2437_1000~26500



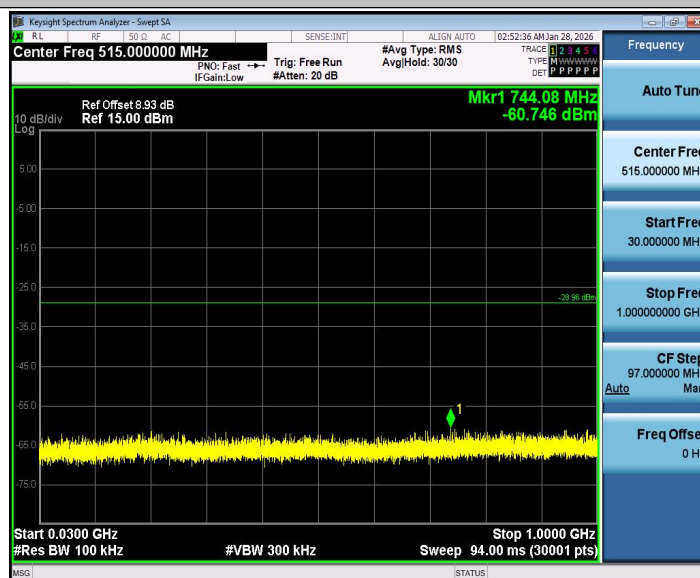
11N20SISO_Ant1_2462_0~Reference







11N40SISO_Ant1_2422_30~1000



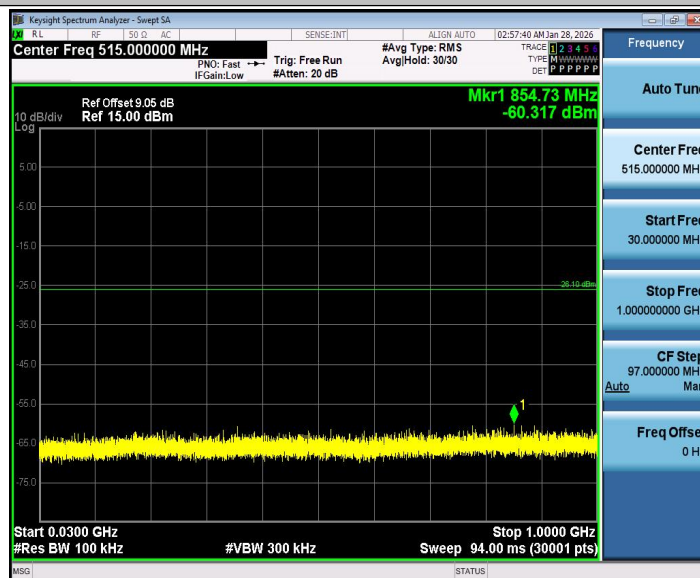
11N40SISO_Ant1_2422_1000~26500



11N40SISO_Ant1_2437_0~Reference



11N40SISO_Ant1_2437_30~1000



11N40SISO_Ant1_2437_1000~26500