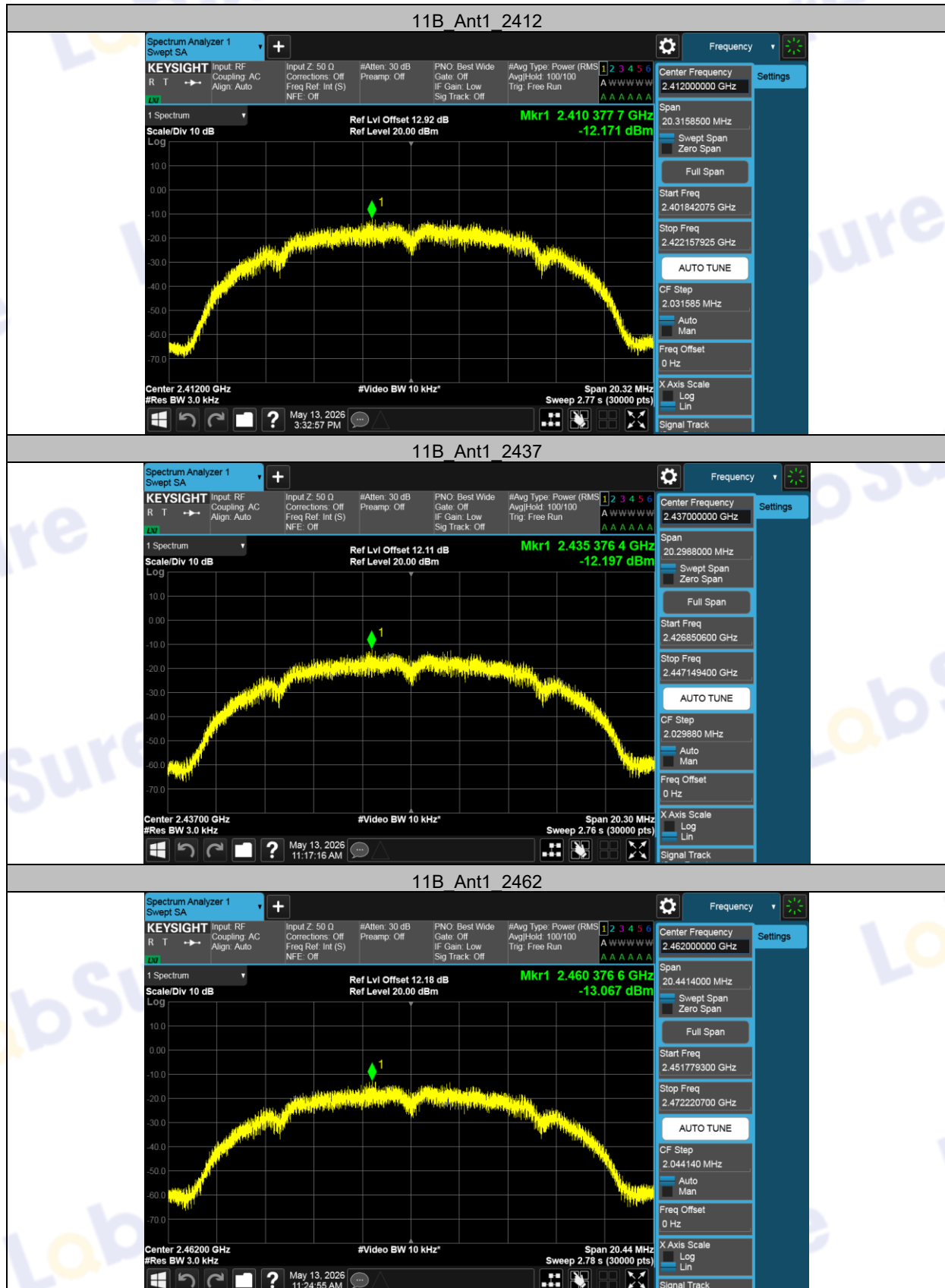
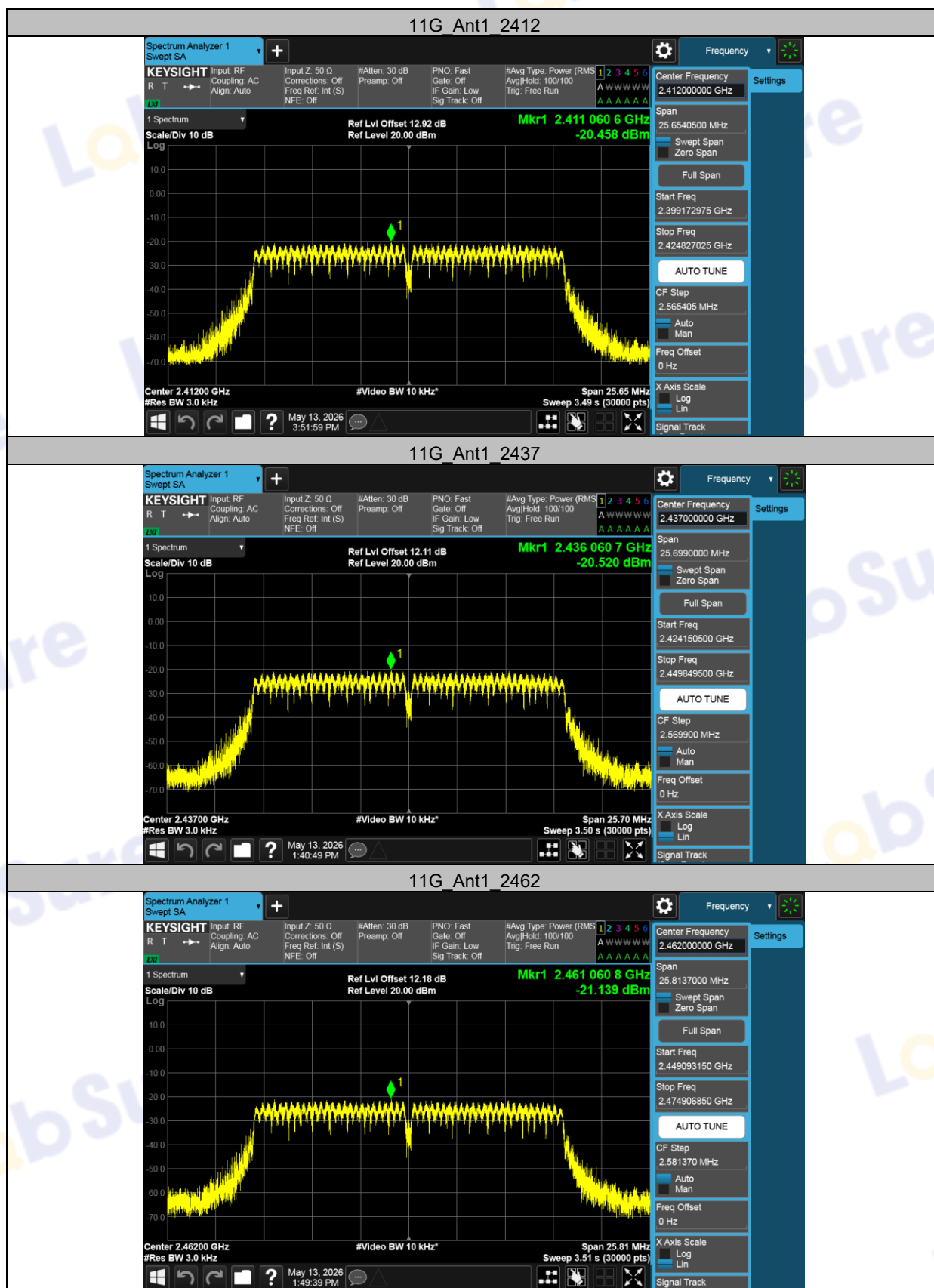
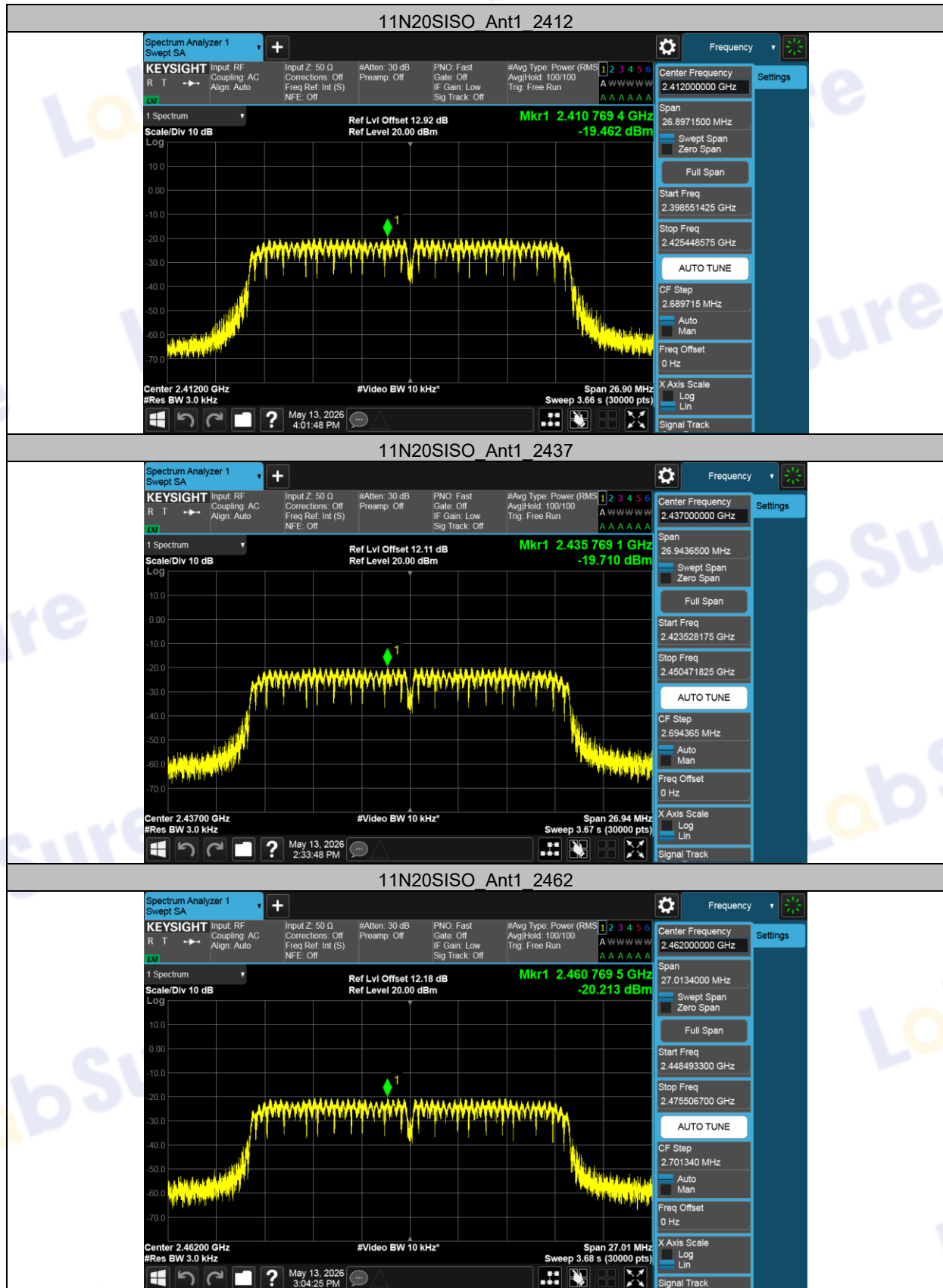
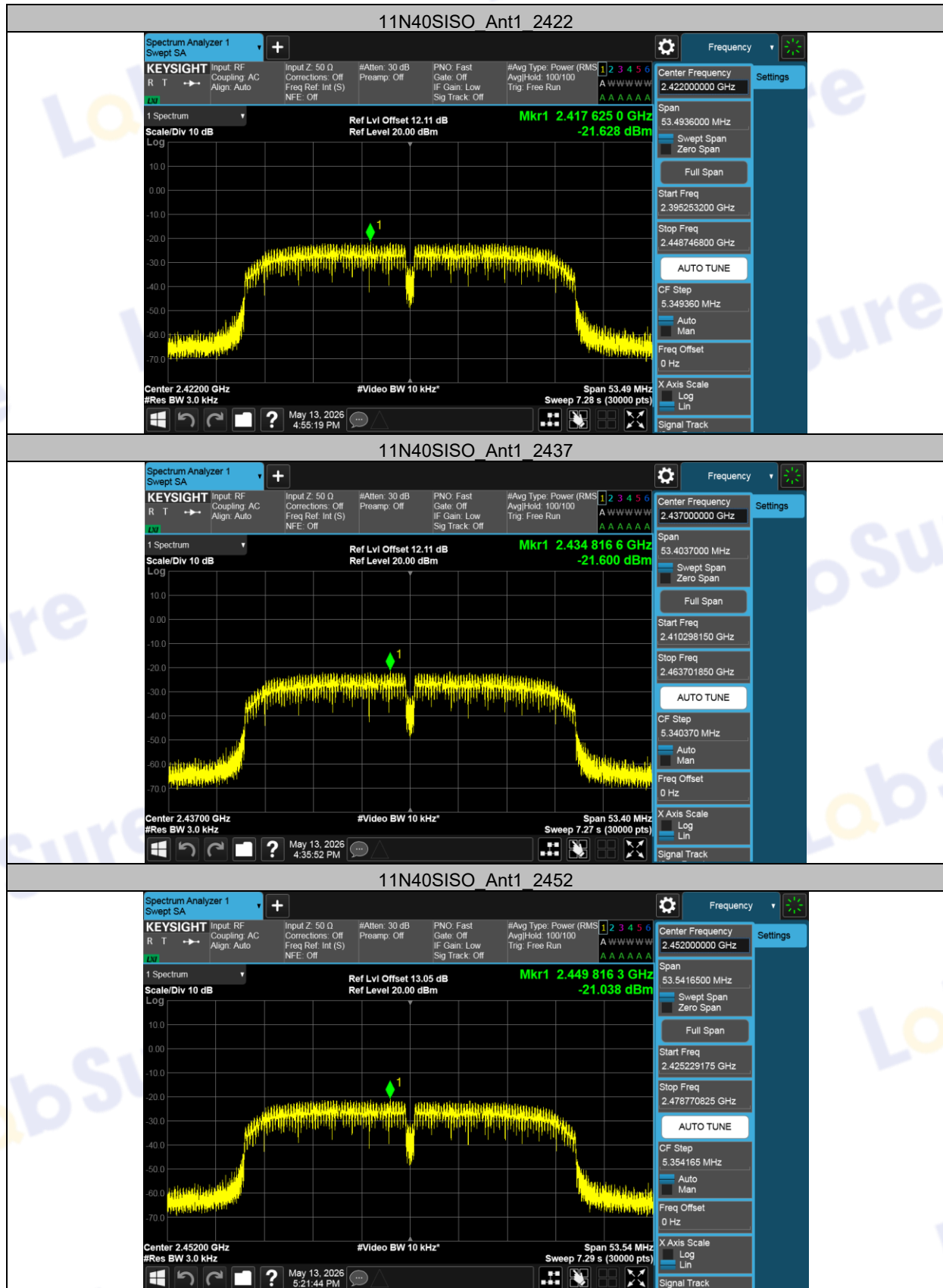


7.6. Test graphs







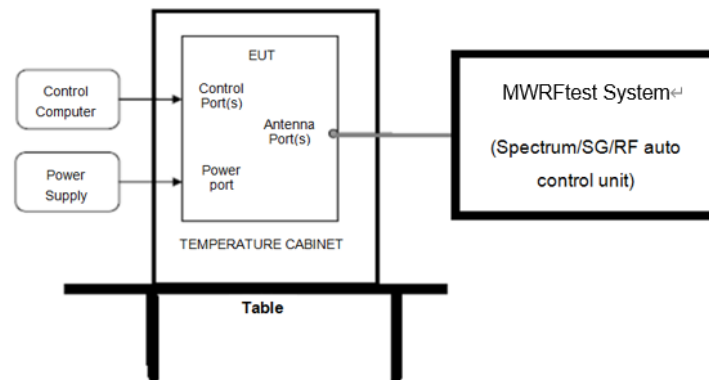


8. Conducted Band-edge And Spurious Emissions

8.1. General Information

Test date	2026-05-13	Test engineer	Jimmy Qu	
Climate condition	Ambient temperature	22.5℃	Relative humidity	59.2%
	Atmospheric pressure	101.8kPa		
Test place	EMC Room 1#			

8.2. Block diagram of test setup



8.3. Limits

FCC Part15 (15.247), Subpart C		
Section	Test Item	Limit
FCC §15.247 (d)	Conducted Band-edge and Spurious Emissions	30 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power

8.4. Test Procedure

Refer to FCC KDB 558074, connect the UUT to the spectrum analyser and use the following settings:

Center Frequency	The centre frequency of the channel under test
Detector	Peak
RBW	100K
VBW	$\geq 3 \times \text{RBW}$
Span	1.5 x DTS bandwidth
Trace	Max hold
Sweep time	Auto couple.

Use the peak marker function to determine the maximum PSD level.

Span	Set the center frequency and span to encompass frequency range to be measured
------	---

Detector	Peak
RBW	100K
VBW	$\geq 3 \times \text{RBW}$
measurement points	$\geq \text{span}/\text{RBW}$
Trace	Max hold
Sweep time	Auto couple.

Use the peak marker function to determine the maximum amplitude level.

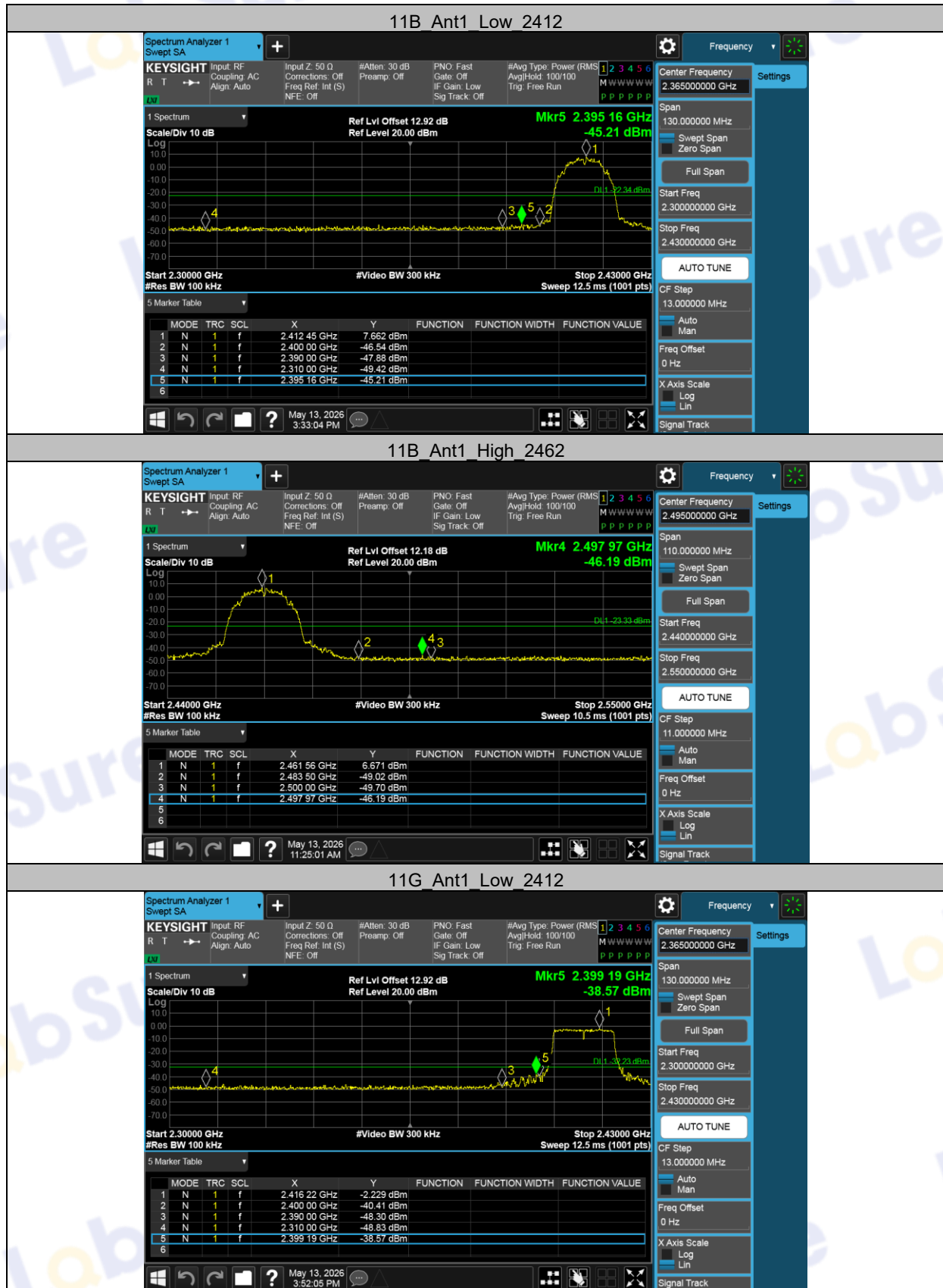
8.5. Test Results

PART I: CONDUCTED BANDEDGE

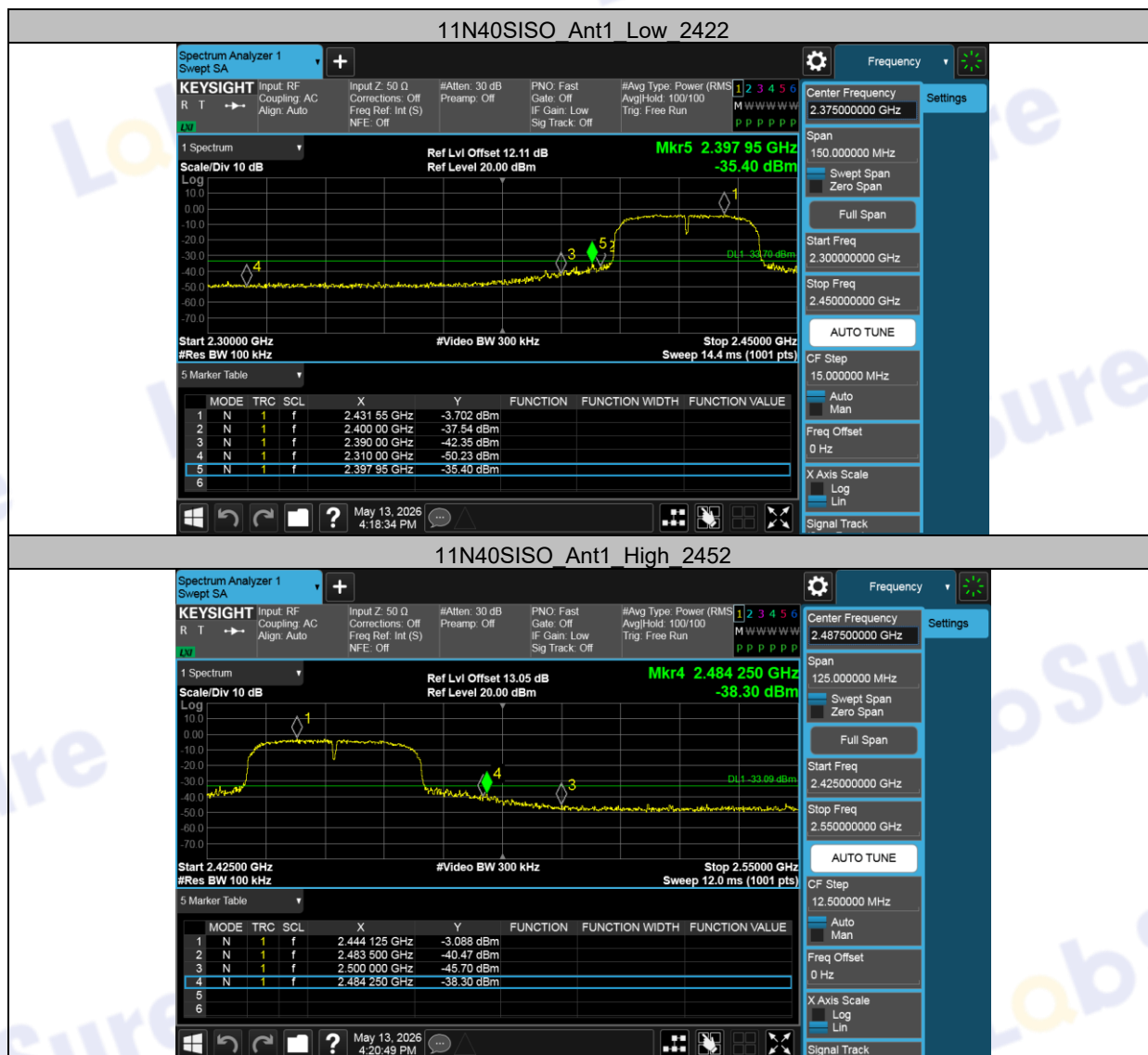
TEST RESULTS TABLE

Test Mode	Test Channel	Result[dBm]
11B	LCH	Refer to the test graphs
	HCH	Refer to the test graphs
11G	LCH	Refer to the test graphs
	HCH	Refer to the test graphs
11N HT20	LCH	Refer to the test graphs
	HCH	Refer to the test graphs
11N HT40	LCH	Refer to the test graphs
	HCH	Refer to the test graphs

Test Graph







PART II: REFERENCE LEVEL MEASUREMENT AND CONDUCTED SPURIOUS EMISSION**TEST RESULTS TABLE**

Test Mode	Test Channel	Result	Verdict
11B	LCH	Refer to the Test Graph	PASS
	HCH	Refer to the Test Graph	PASS
11G	LCH	Refer to the Test Graph	PASS
	HCH	Refer to the Test Graph	PASS
11N HT20	LCH	Refer to the Test Graph	PASS
	HCH	Refer to the Test Graph	PASS
11N HT40	LCH	Refer to the Test Graph	PASS
	HCH	Refer to the Test Graph	PASS

Test Graph

