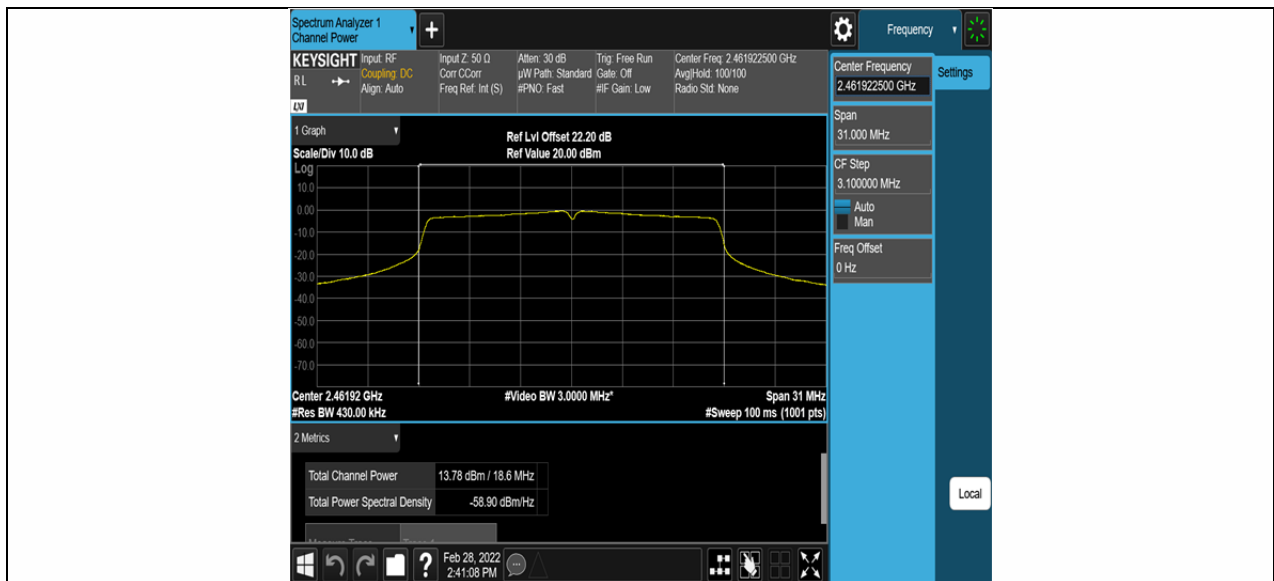
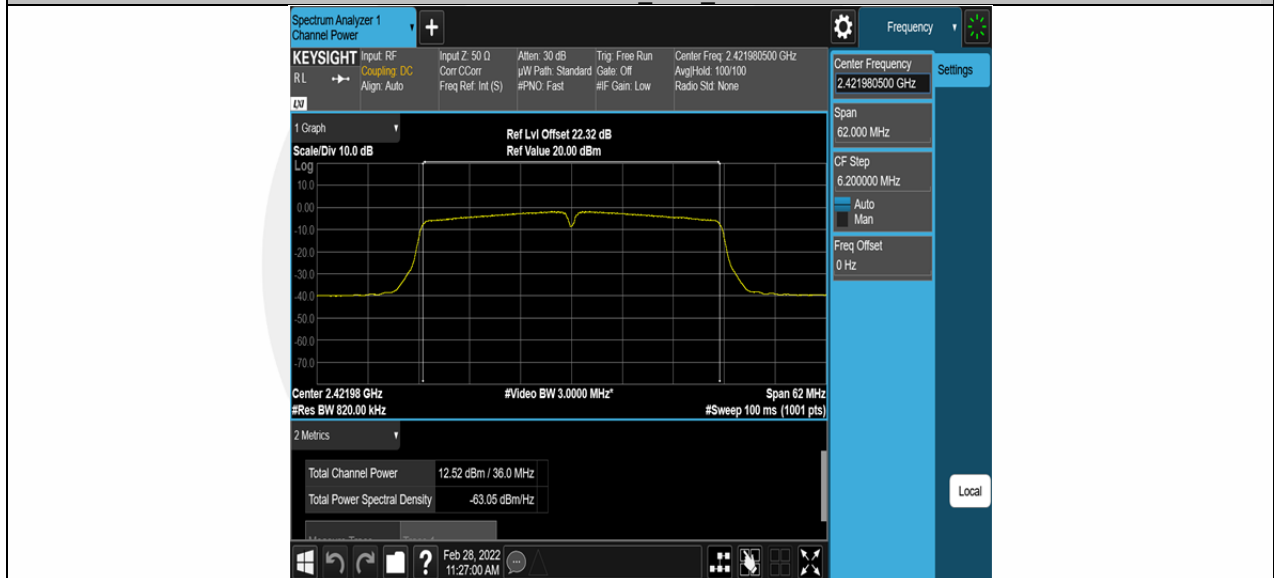
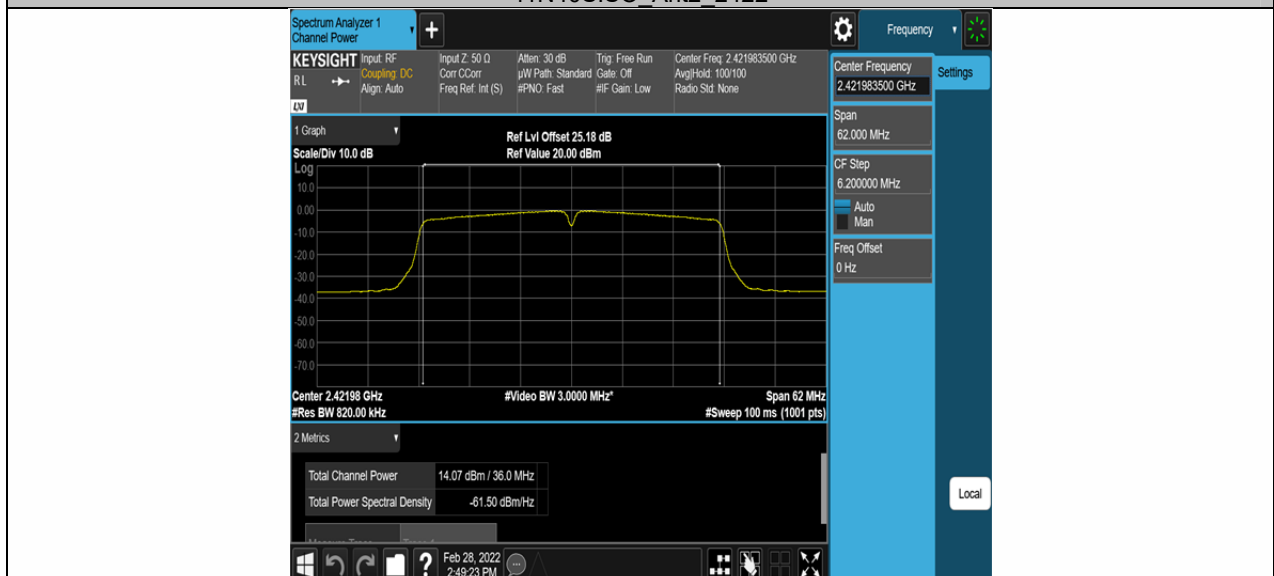


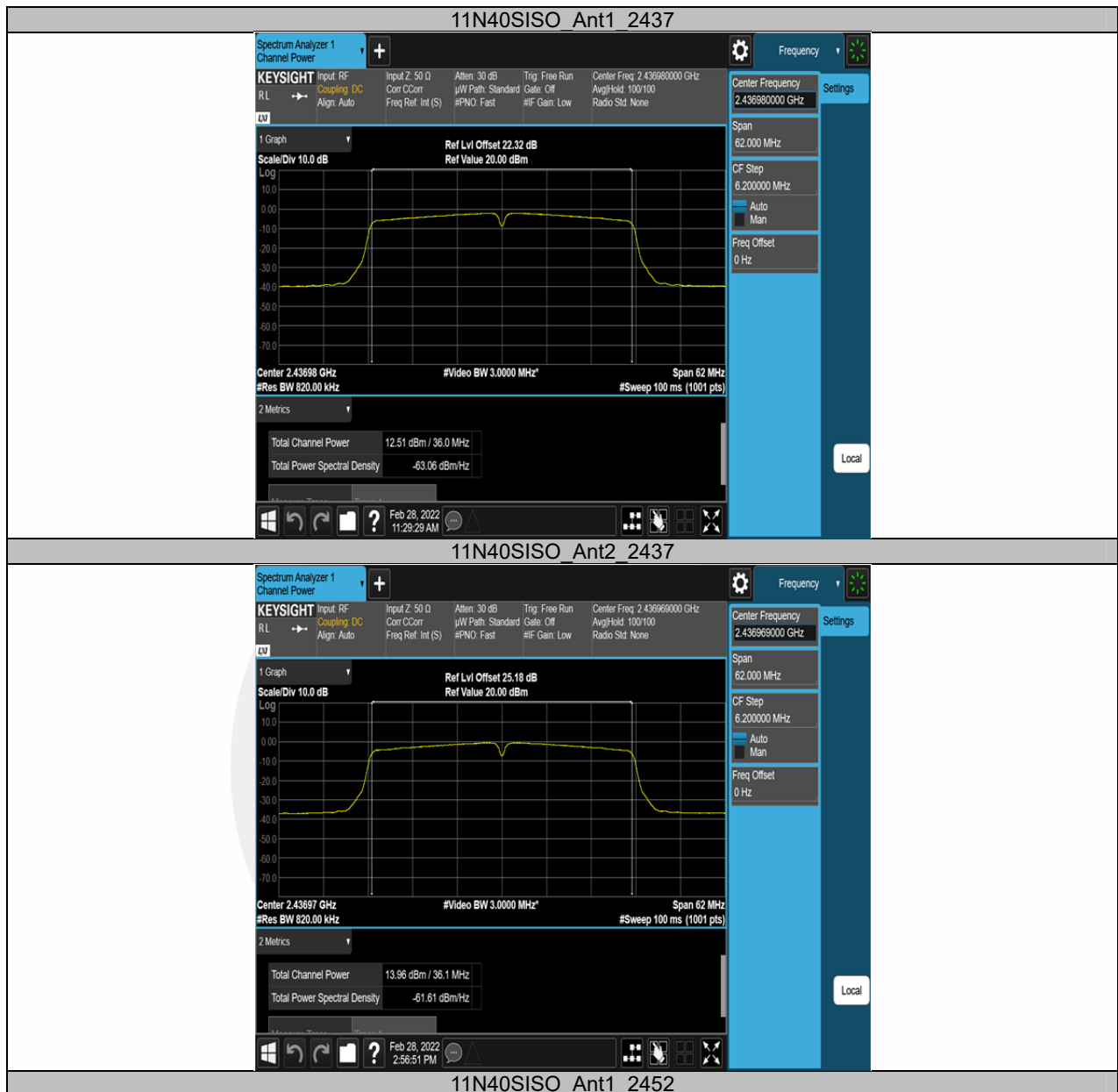


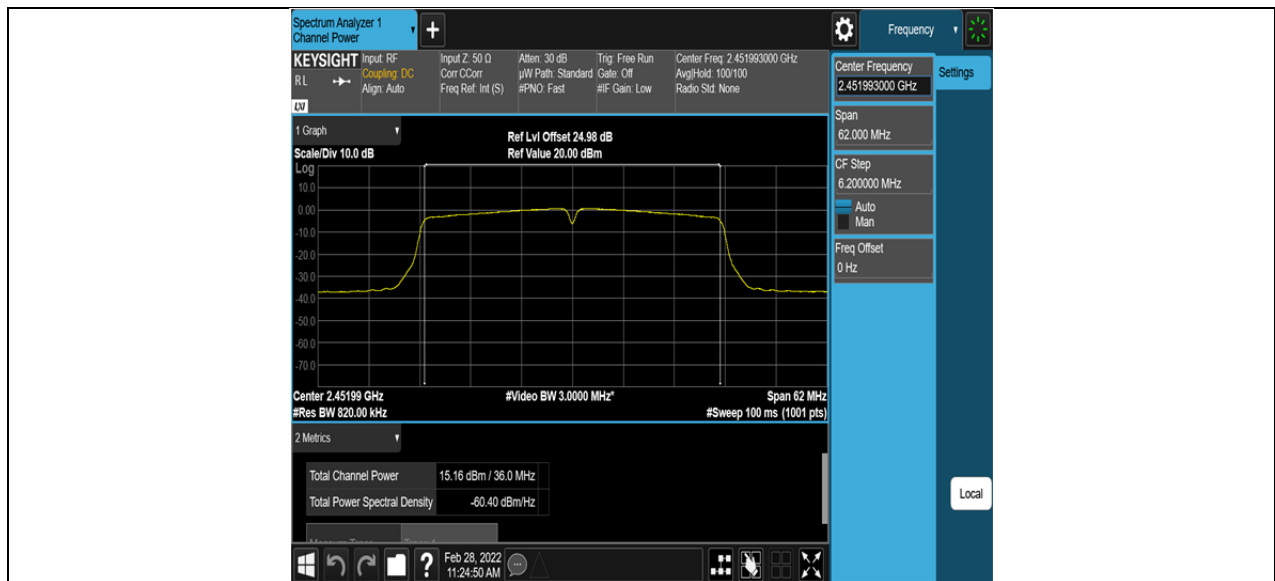
11N40SISO_Ant1_2422



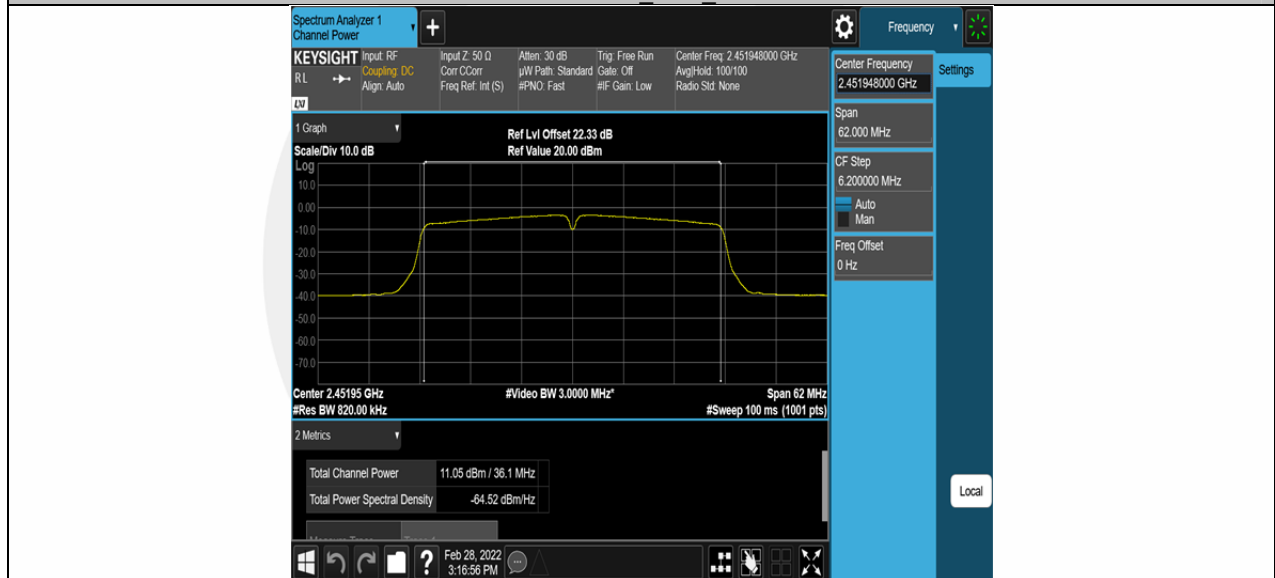
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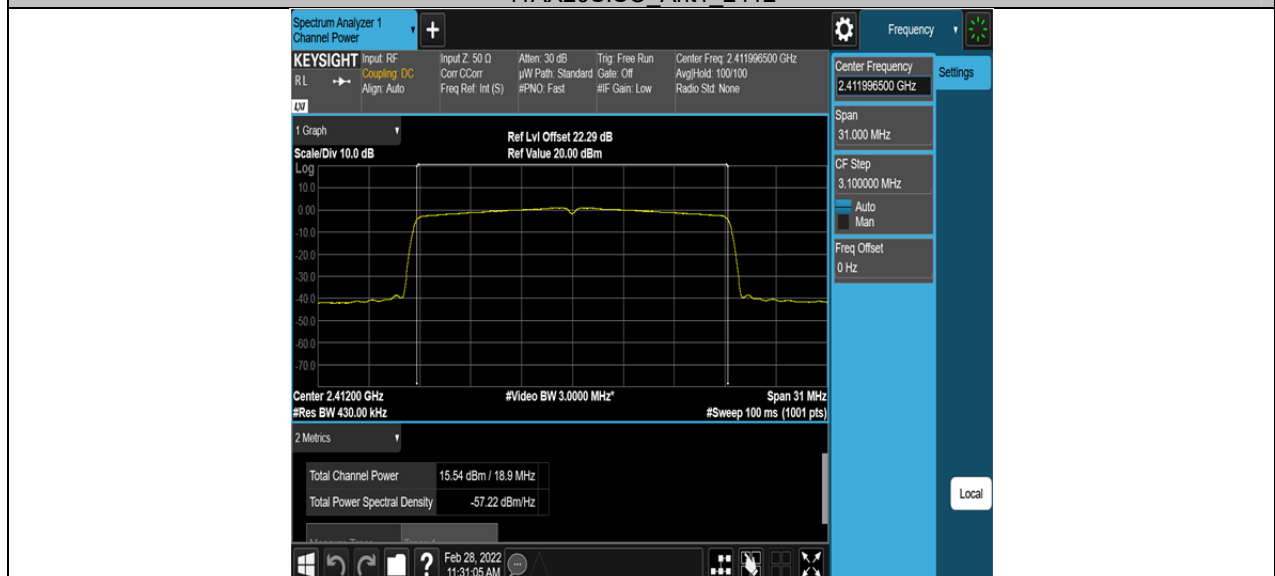


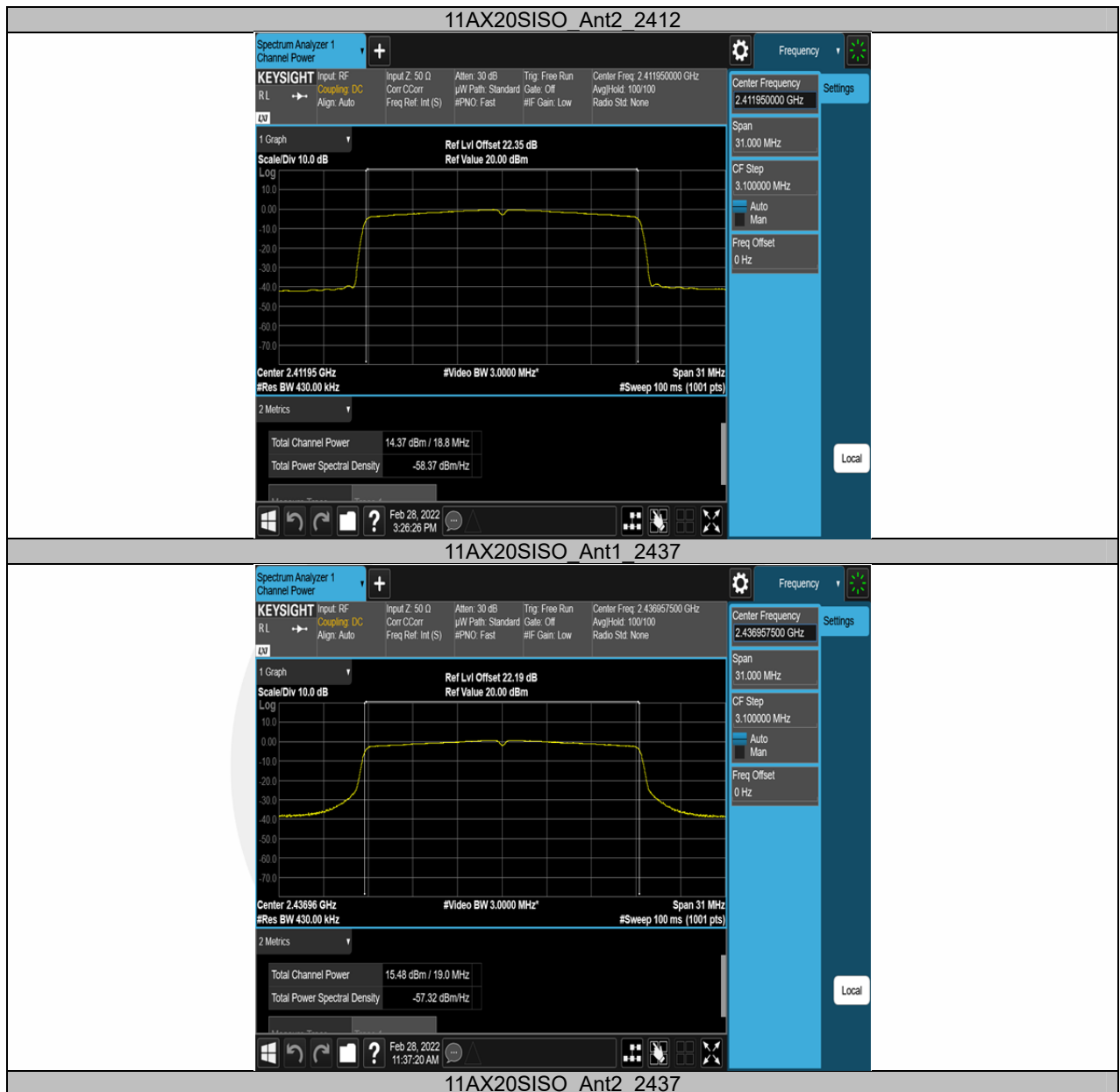


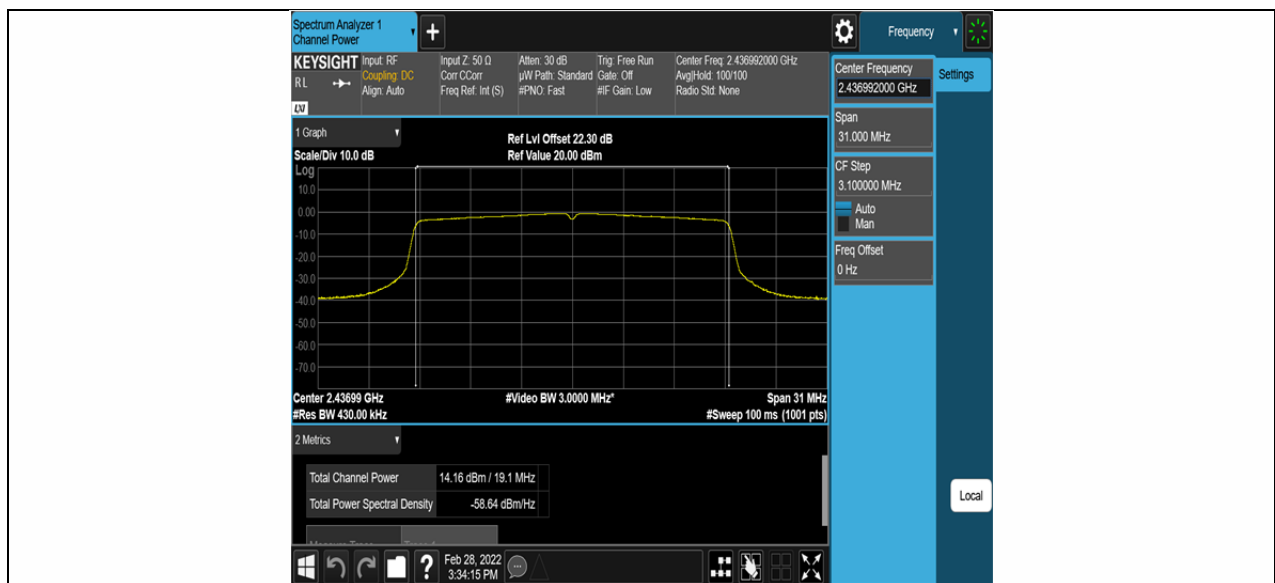
11N40SISO_Ant2_2452



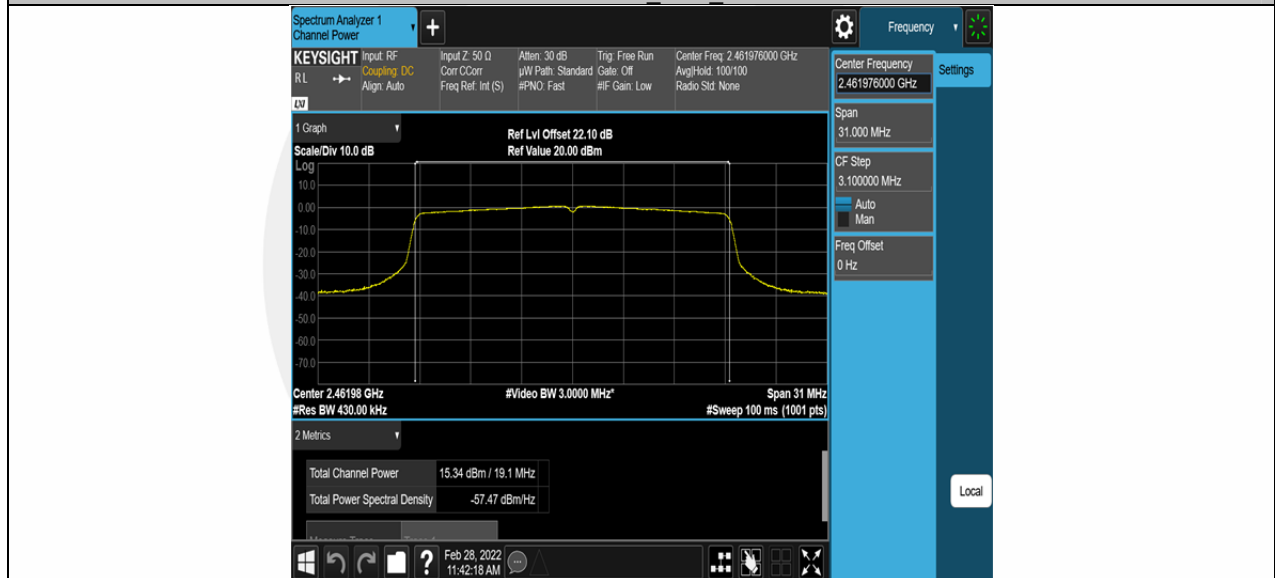
11AX20SISO_Ant1_2412



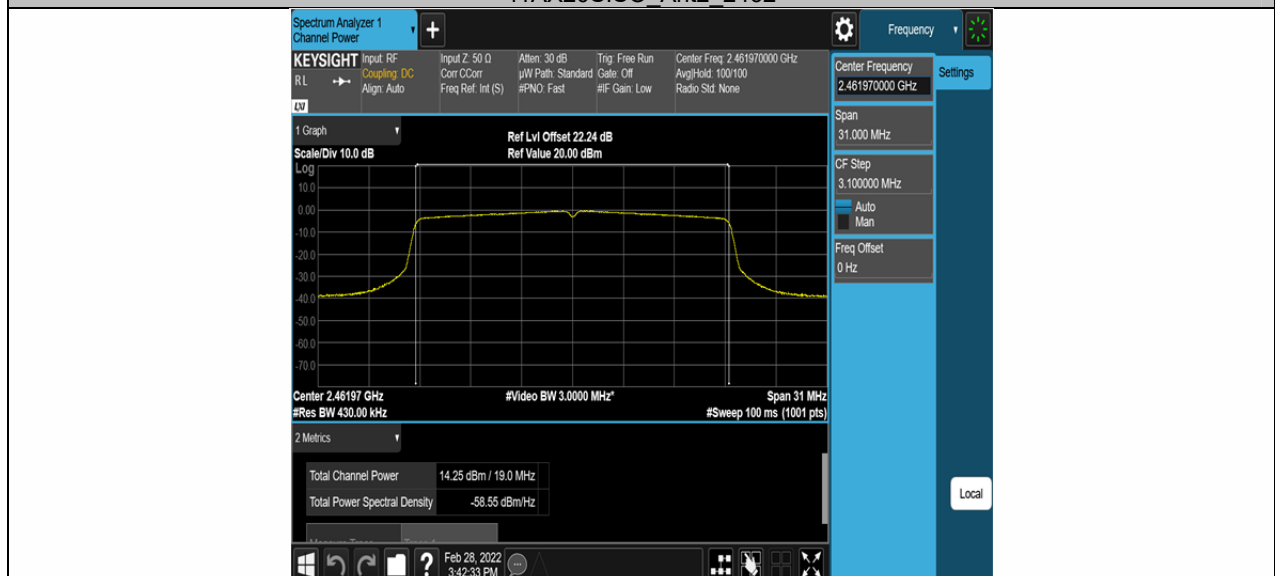


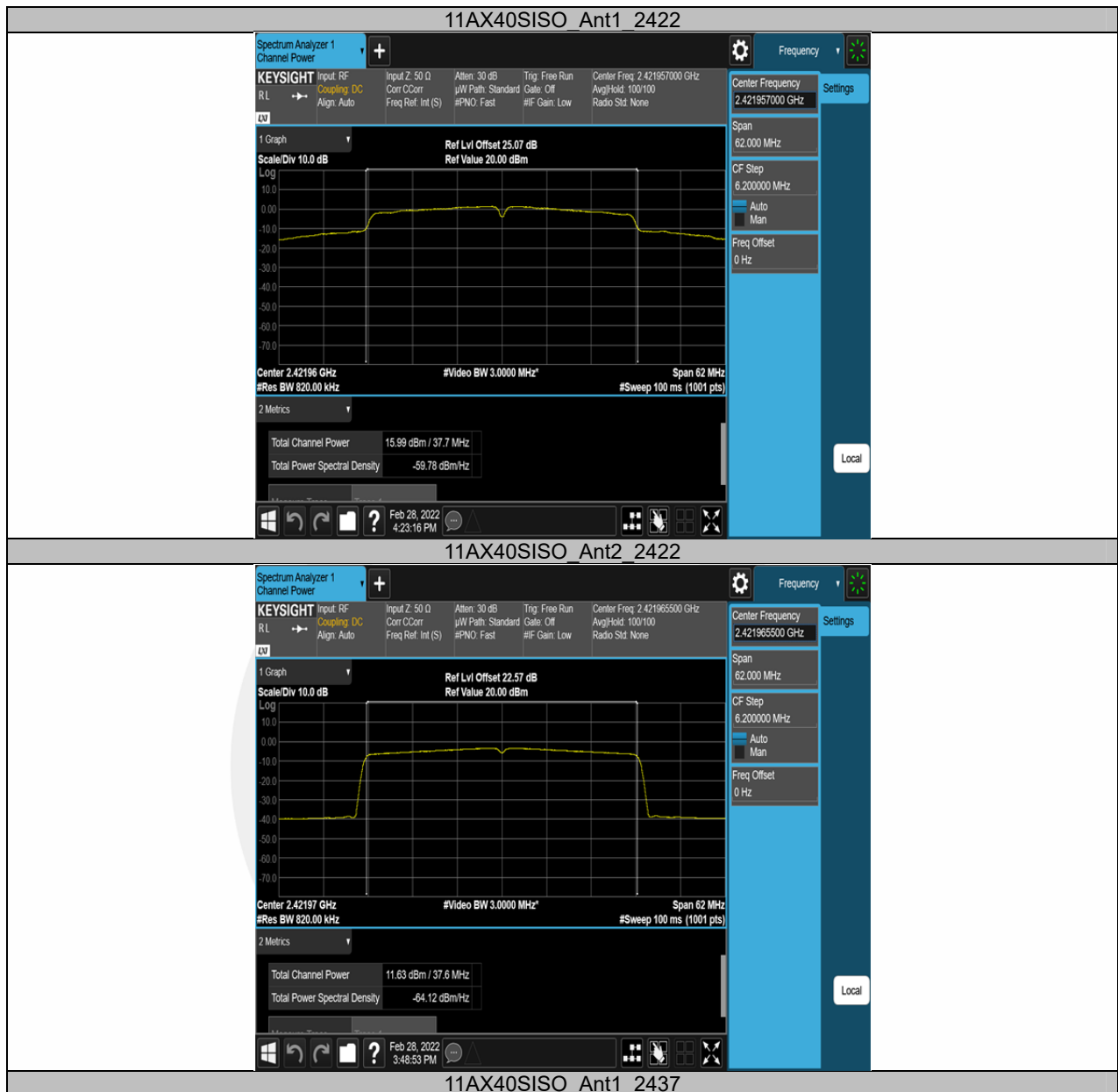


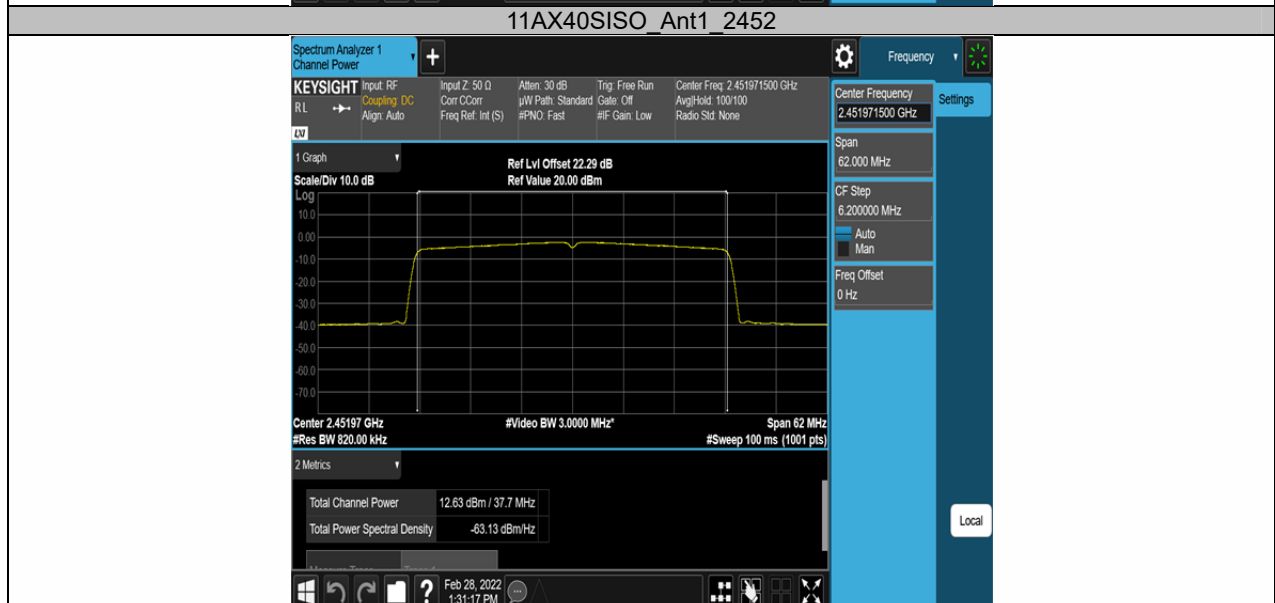
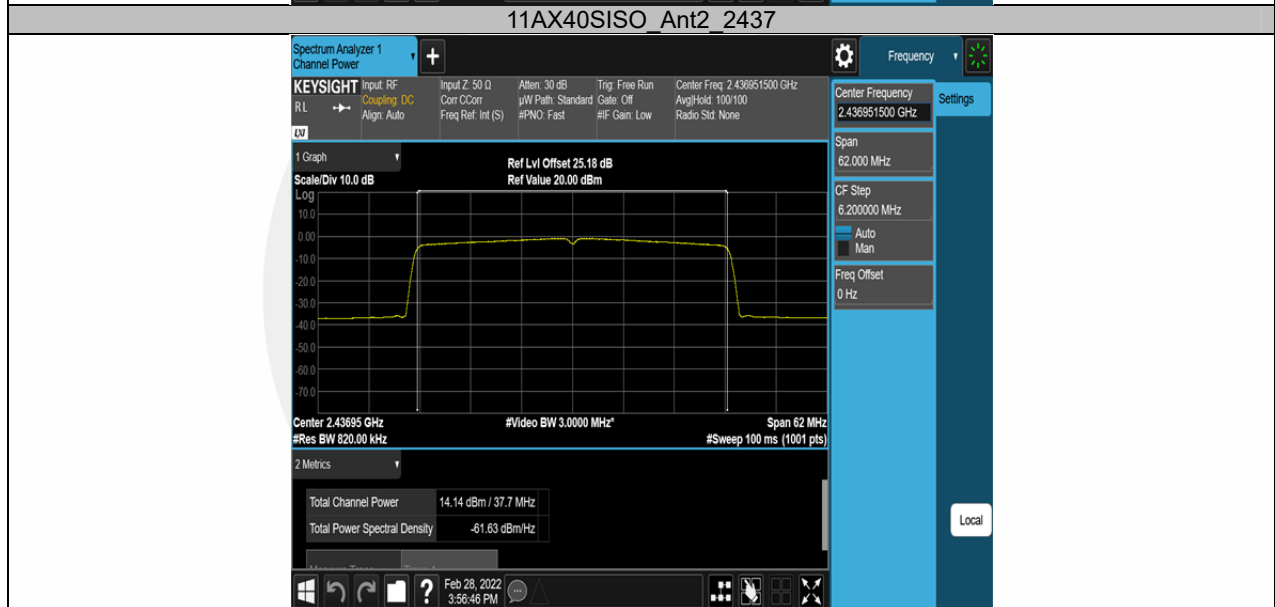
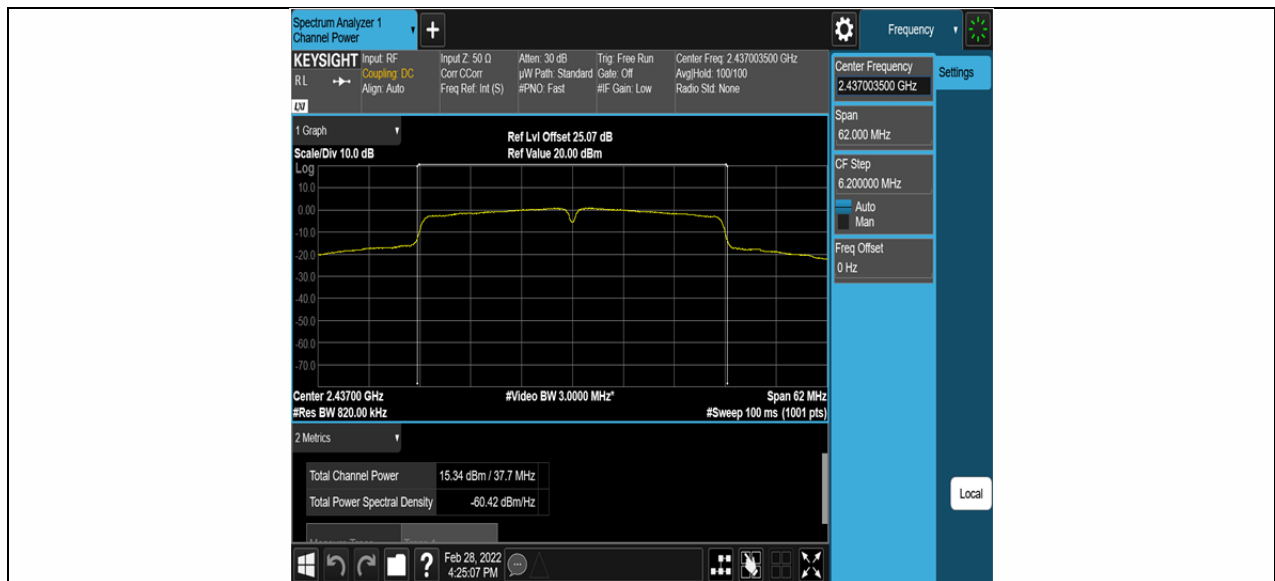
11AX20SISO_Ant1_2462

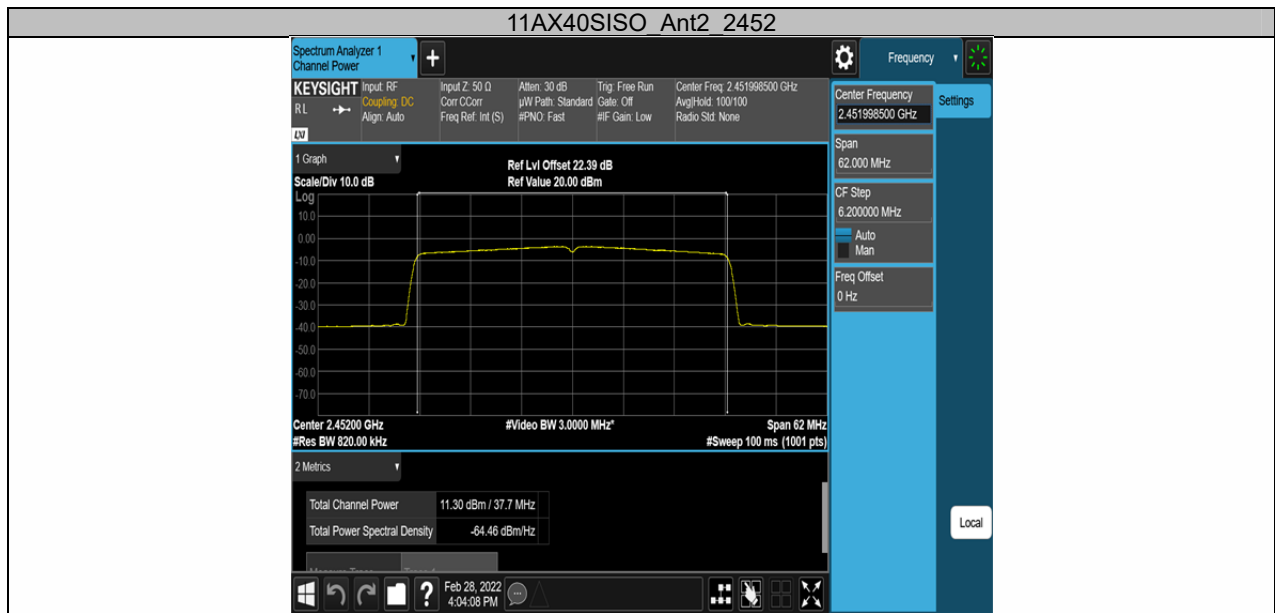


11AX20SISO_Ant2_2462









8.4 MAXIMUM POWER SPECTRAL DENSITY

8.4.1 Applicable Standard

According to FCC Part15.247(e) and KDB 558074 D01 15.247 Meas Guidance v05r02
According to RSS-247 5.2(b) and RSS-Gen 6.12

8.4.2 Conformance Limit

The transmitter power spectral density conducted from the transmitter to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of section 5.4(d), (i.e. the power spectral density shall be determined using the same method as is used to determine the conducted output power).

8.4.3 Test Configuration

Test according to clause 6.1 radio frequency test setup

8.4.4 Test Procedure

This procedure shall be used if maximum peak conducted output power was used to demonstrate compliance

The transmitter output (antenna port) was connected to the spectrum analyzer

Set analyzer center frequency to DTS channel center frequency.

Set the span to 1.5 times the DTS bandwidth.

Set the RBW to: 3 kHz

Set the VBW to: 10 kHz.

Set Detector = peak.

Set Sweep time = auto couple.

Set Trace mode = max hold.

Allow trace to fully stabilize.

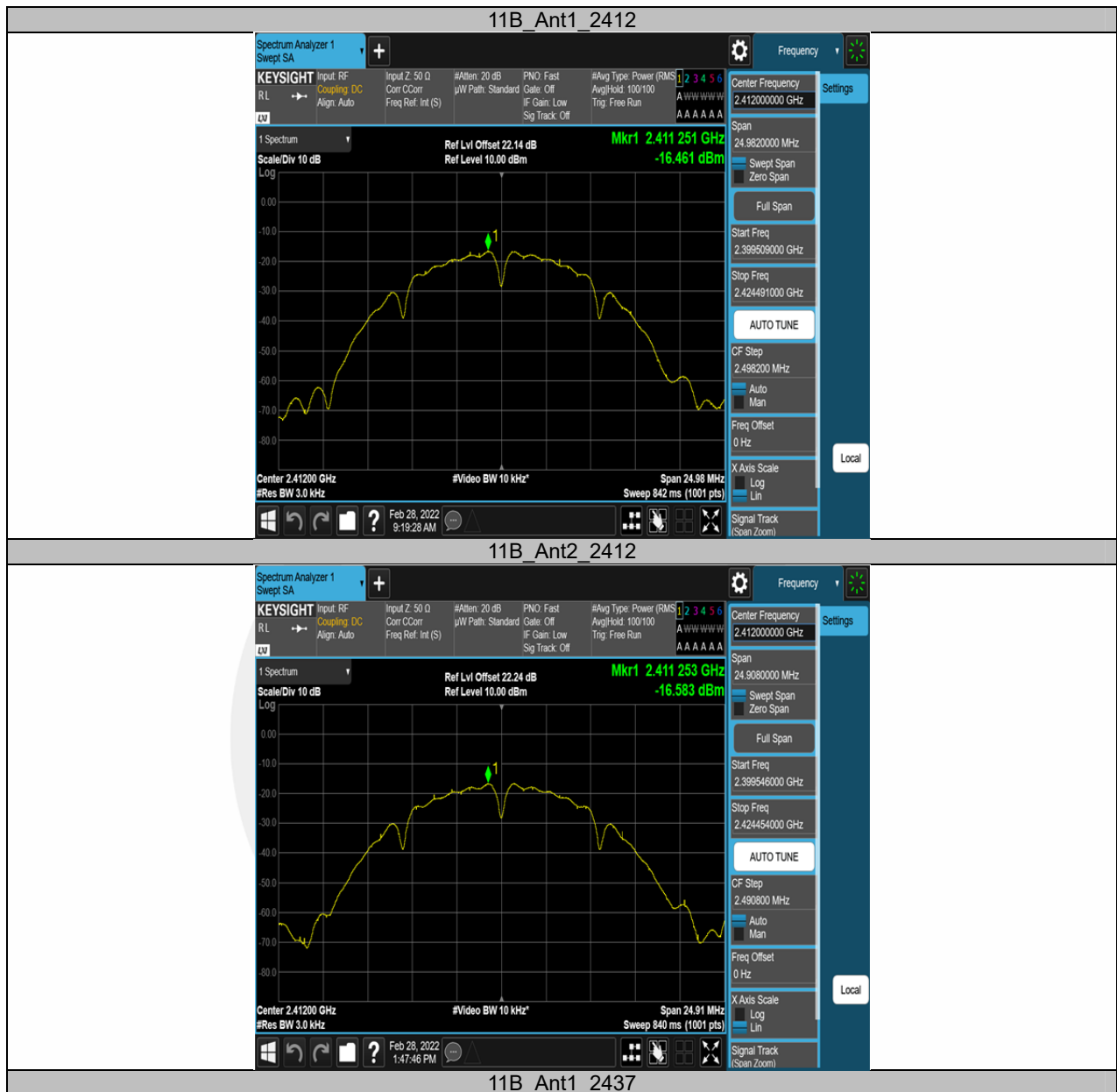
Use the peak marker function to determine the maximum amplitude level within the RBW.

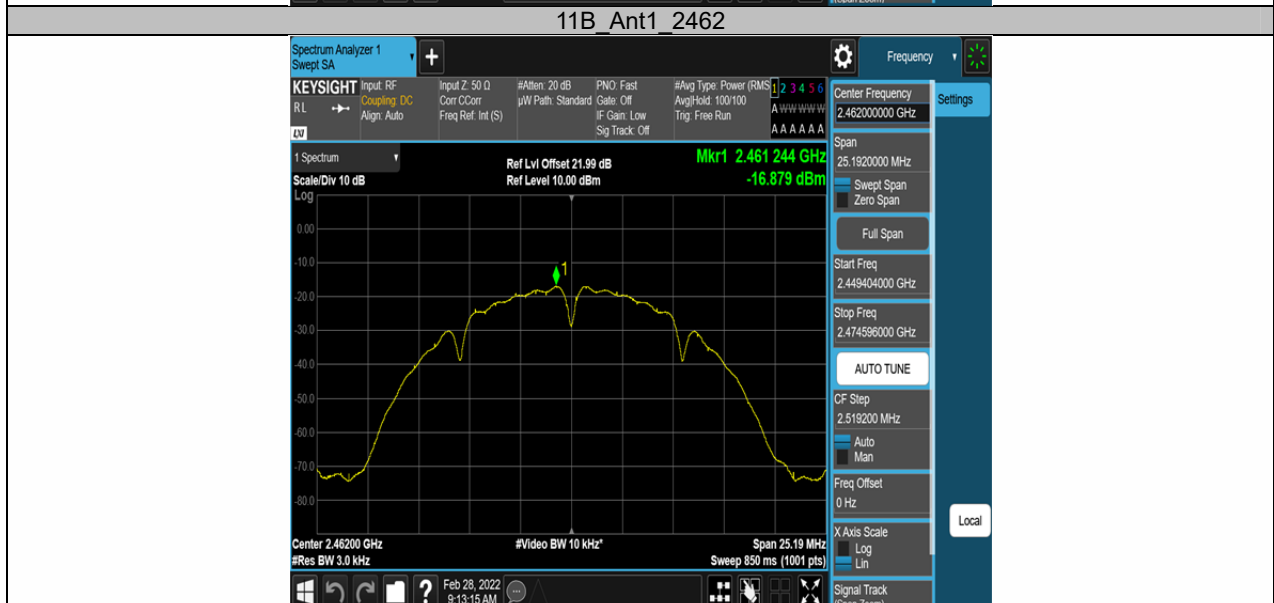
8.4.5 Test Results

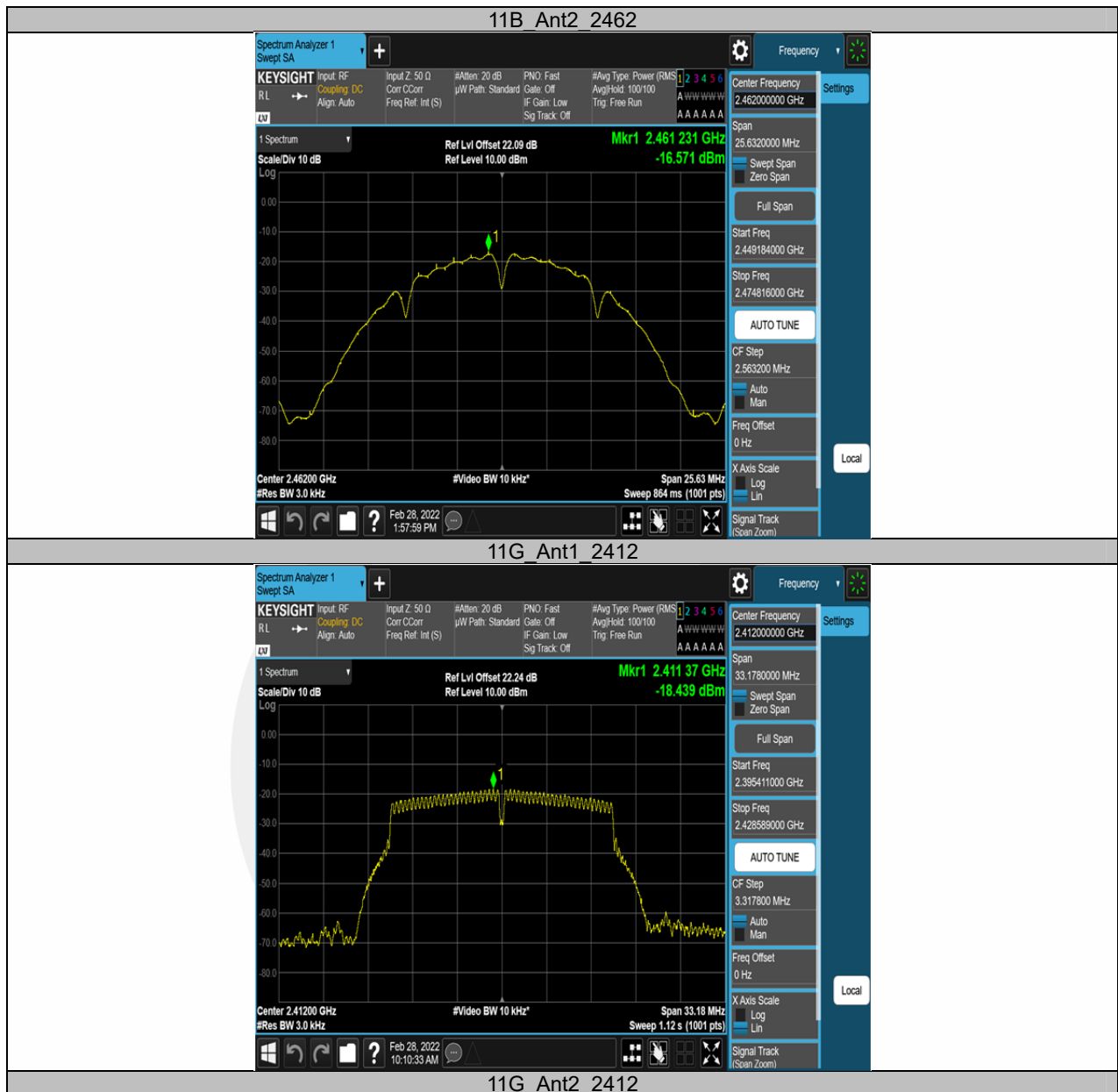
Temperature:	25 °C
Relative Humidity:	45%
ATM Pressure:	1011 mbar

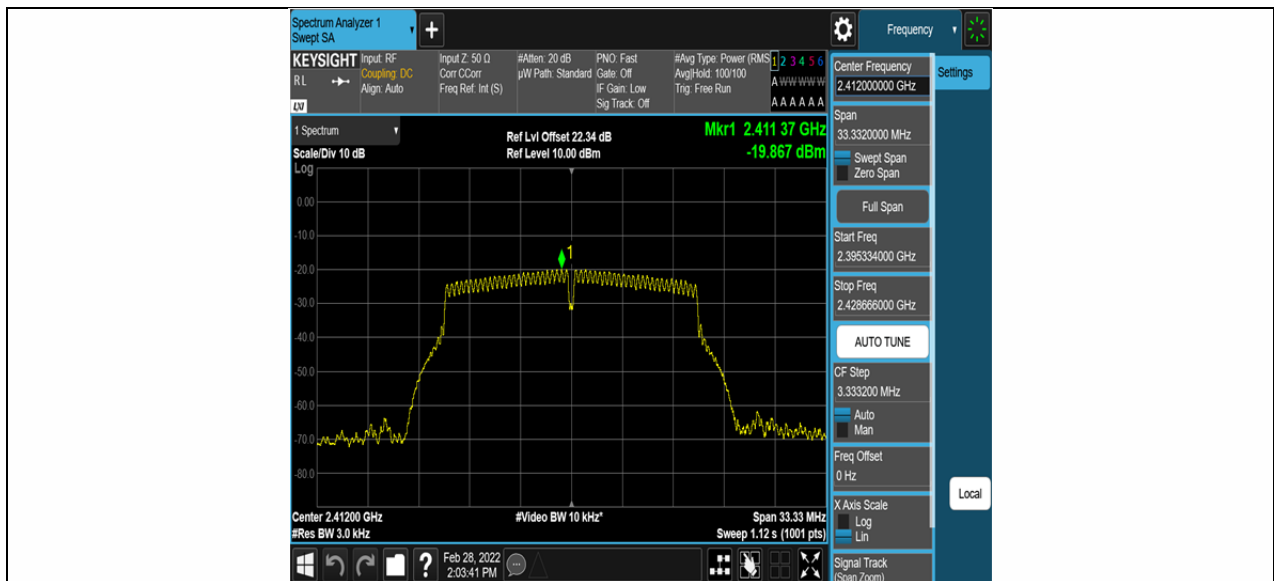
Note: N/A

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-16.46	≤8.00	PASS
	Ant2	2412	-16.58	≤8.00	PASS
	Ant1	2437	-17.04	≤8.00	PASS
	Ant2	2437	-17.16	≤8.00	PASS
	Ant1	2462	-16.88	≤8.00	PASS
	Ant2	2462	-16.57	≤8.00	PASS
11G	Ant1	2412	-18.44	≤8.00	PASS
	Ant2	2412	-19.87	≤8.00	PASS
	Ant1	2437	-18.73	≤8.00	PASS
	Ant2	2437	-20.12	≤8.00	PASS
	Ant1	2462	-18.83	≤8.00	PASS
	Ant2	2462	-20.44	≤8.00	PASS
11N20SISO	Ant1	2412	-18.89	≤8.00	PASS
	Ant2	2412	-20.02	≤8.00	PASS
	Ant1	2437	-18.87	≤8.00	PASS
	Ant2	2437	-19.99	≤8.00	PASS
	Ant1	2462	-19.02	≤8.00	PASS
	Ant2	2462	-20.29	≤8.00	PASS
11N40SISO	Ant1	2422	-21.52	≤8.00	PASS
	Ant2	2422	-22.99	≤8.00	PASS
	Ant1	2437	-21.58	≤8.00	PASS
	Ant2	2437	-22.99	≤8.00	PASS
	Ant1	2452	-18.95	≤8.00	PASS
	Ant2	2452	-26.14	≤8.00	PASS
11AX20SISO	Ant1	2412	-20.02	≤8.00	PASS
	Ant2	2412	-21.20	≤8.00	PASS
	Ant1	2437	-20.46	≤8.00	PASS
	Ant2	2437	-21.47	≤8.00	PASS
	Ant1	2462	-20.33	≤8.00	PASS
	Ant2	2462	-21.48	≤8.00	PASS
11AX40SISO	Ant1	2422	-20.30	≤8.00	PASS
	Ant2	2422	-27.28	≤8.00	PASS
	Ant1	2437	-23.28	≤8.00	PASS
	Ant2	2437	-24.39	≤8.00	PASS
	Ant1	2452	-26.11	≤8.00	PASS
	Ant2	2452	-27.47	≤8.00	PASS
11N20MIMO		2422	-10.44	≤8.00	PASS
		2437	-10.41	≤8.00	PASS
		2452	-10.63	≤8.00	PASS
11N40MIMO		2422	-13.21	≤8.00	PASS
		2437	-13.25	≤8.00	PASS
		2452	-12.22	≤8.00	PASS
11AX20MIMO		2422	-11.59	≤8.00	PASS
		2437	-11.96	≤8.00	PASS
		2452	-11.89	≤8.00	PASS
11AX40MIMO		2422	-13.54	≤8.00	PASS
		2437	-14.82	≤8.00	PASS
		2452	-17.76	≤8.00	PASS

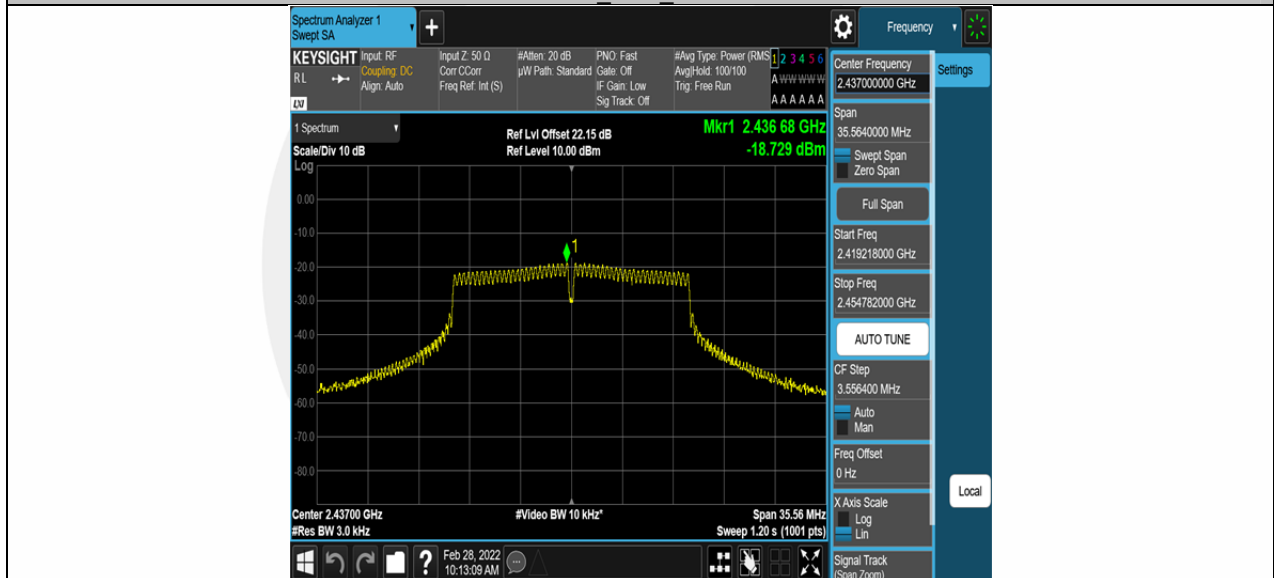




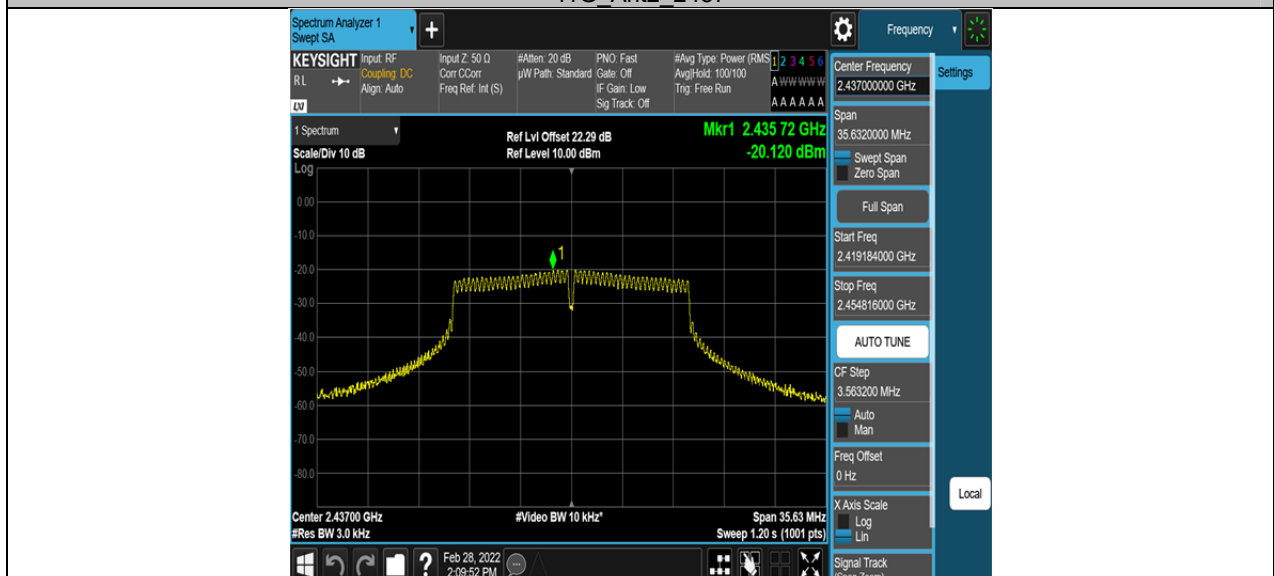


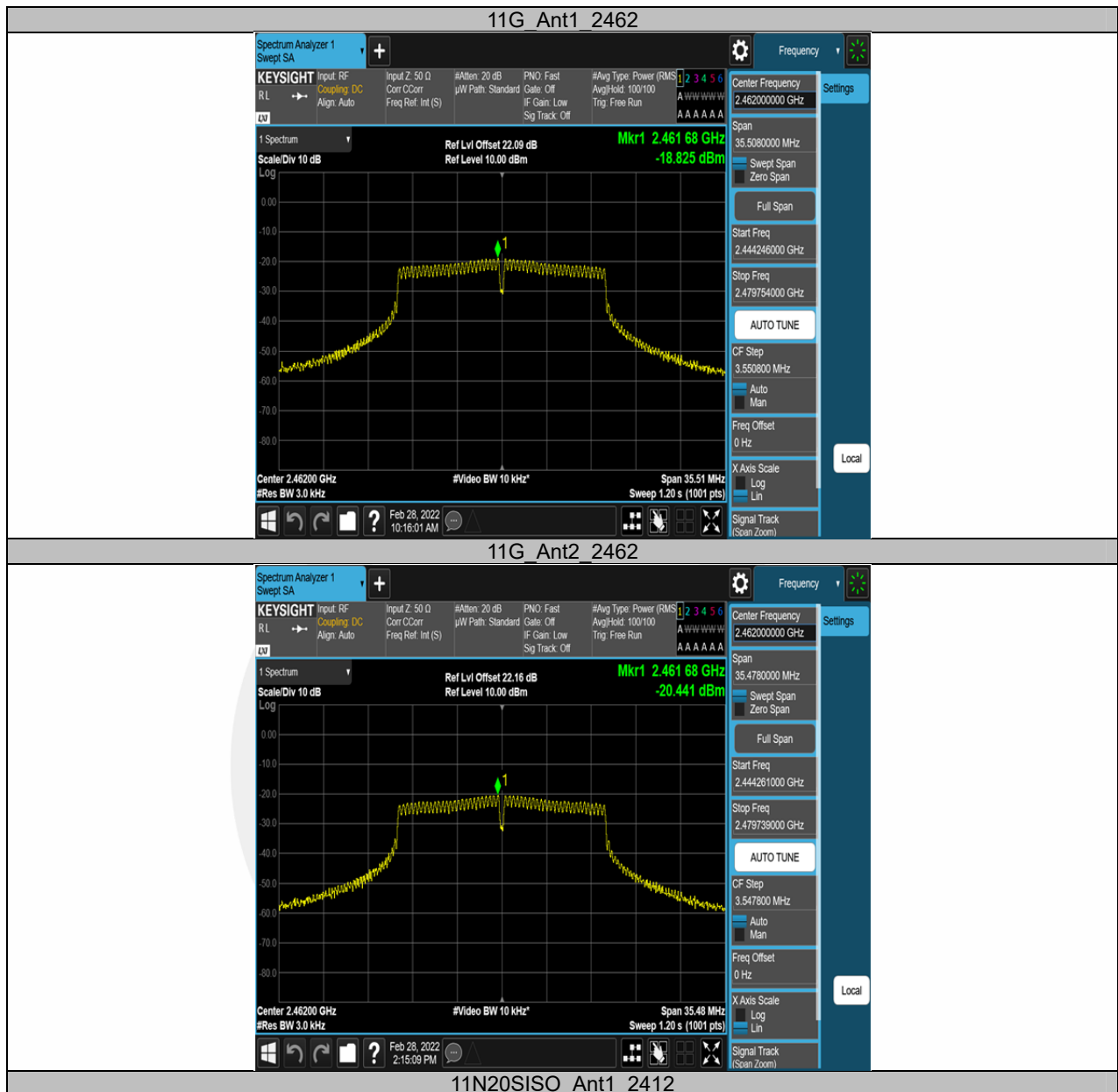


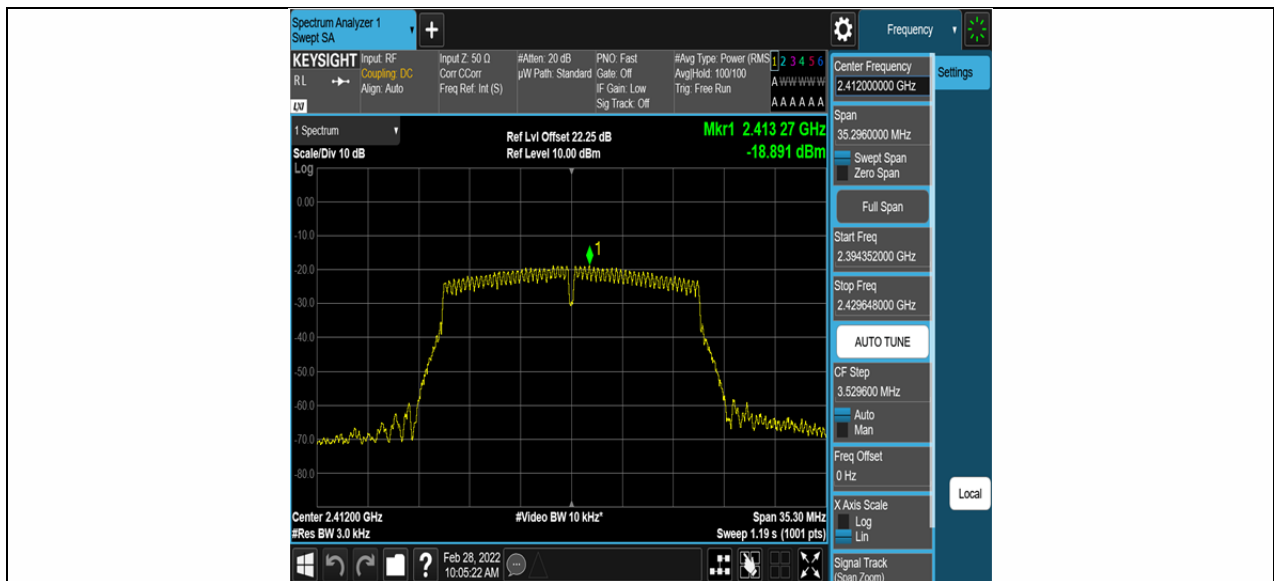
11G_Ant1_2437



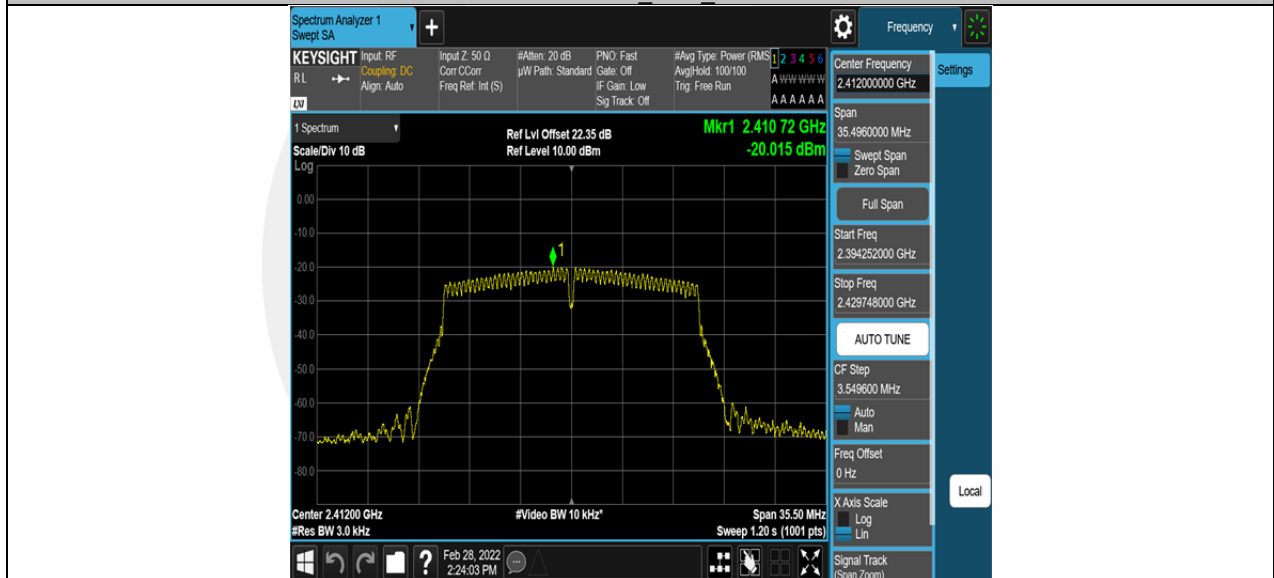
11G_Ant2_2437



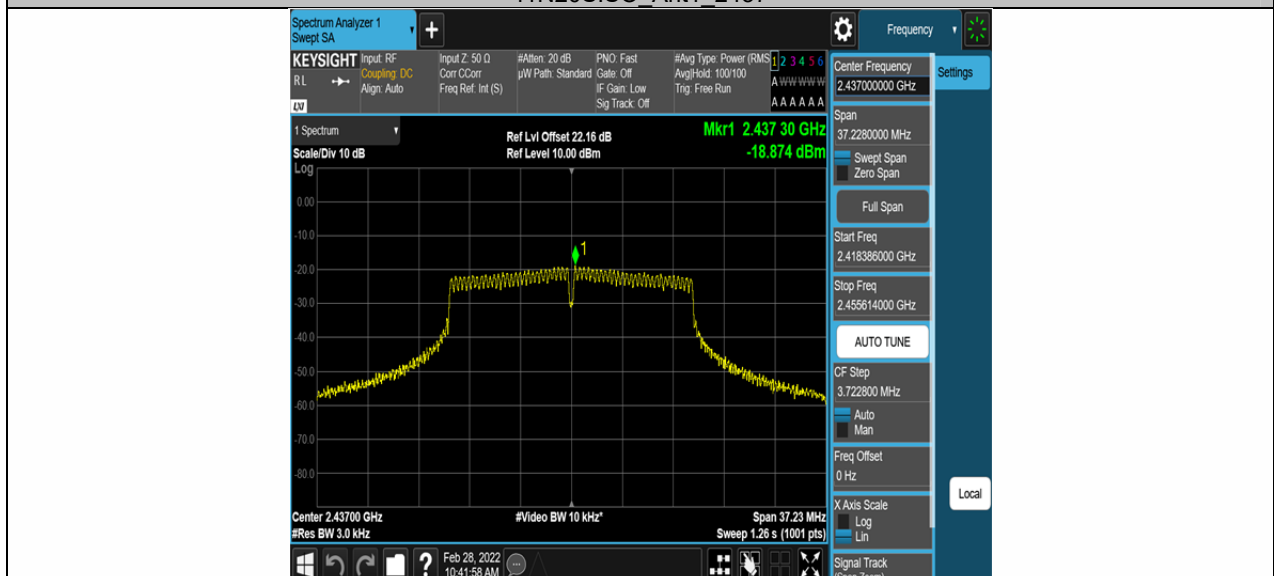


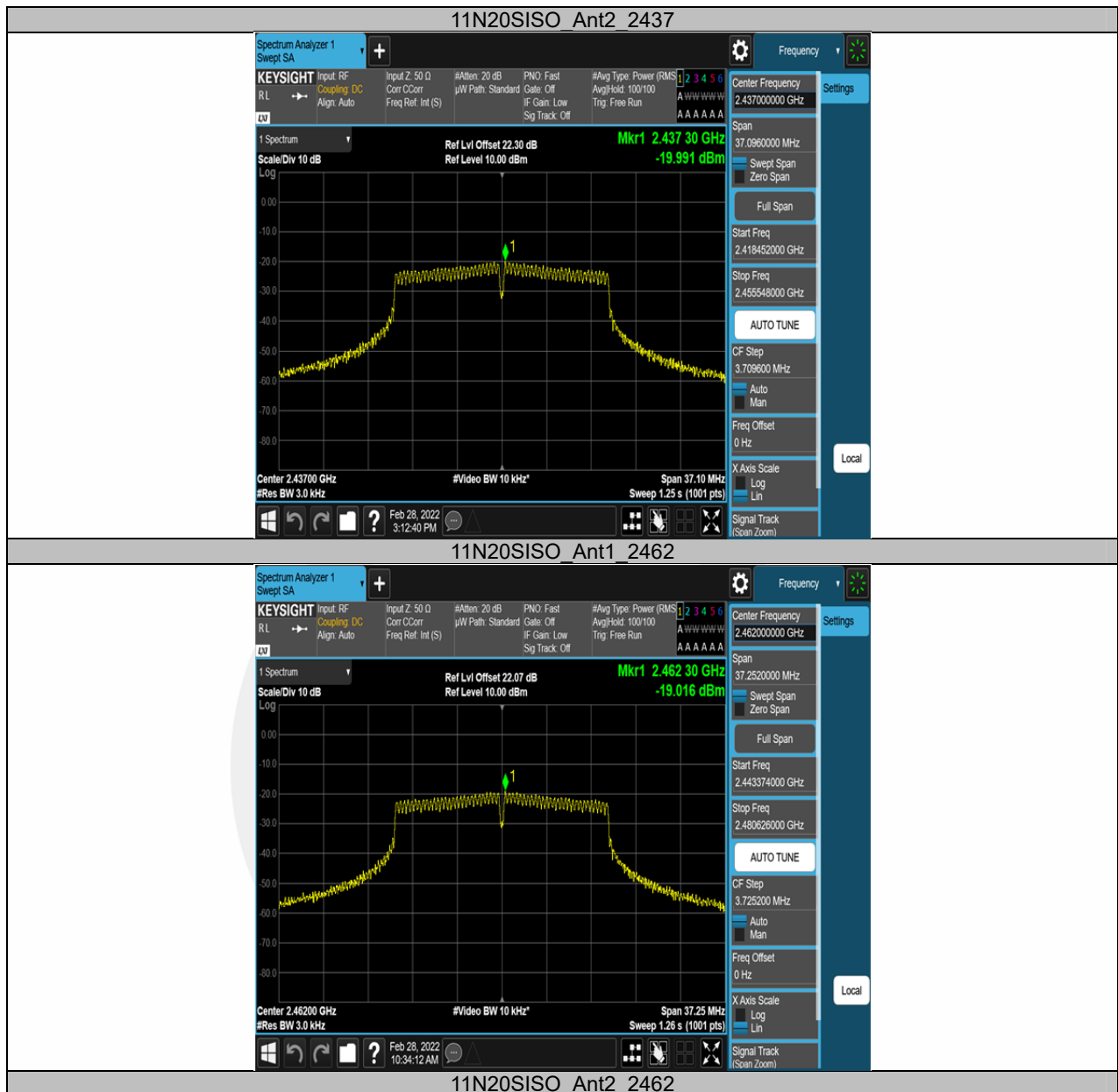


11N20SISO_Ant2_2412

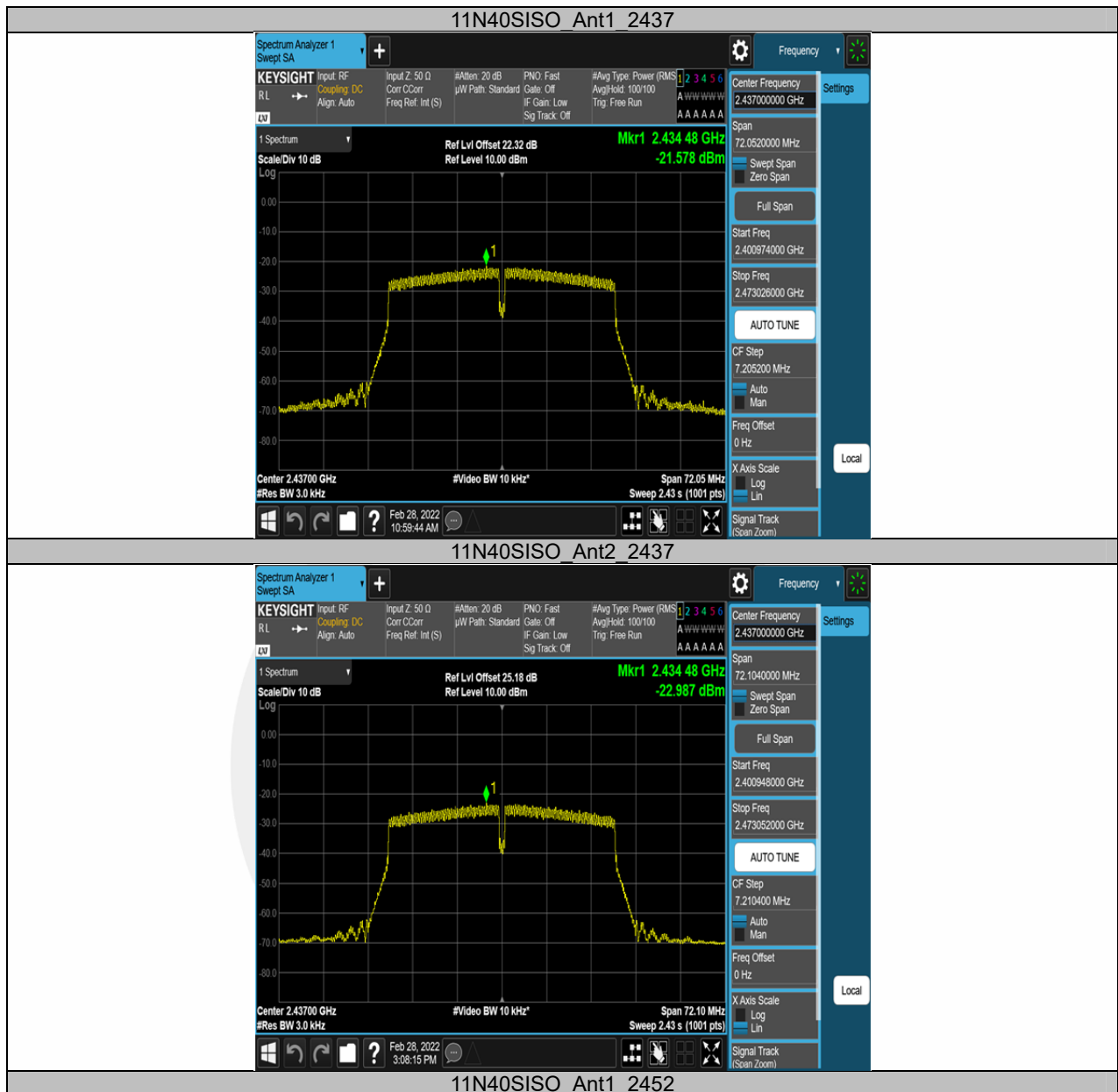


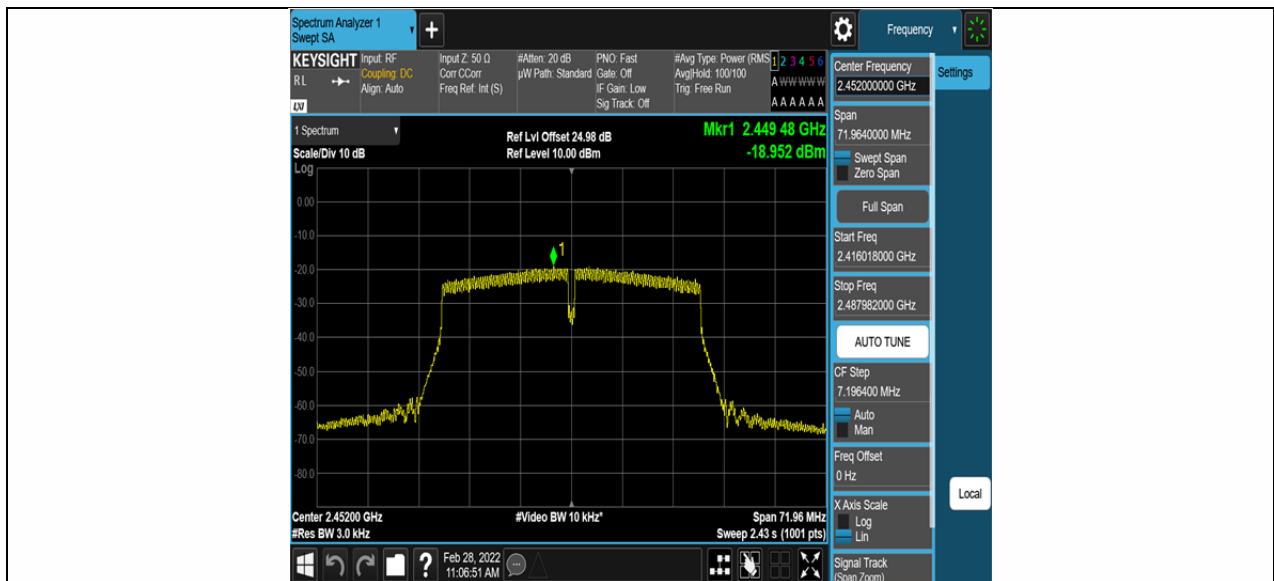
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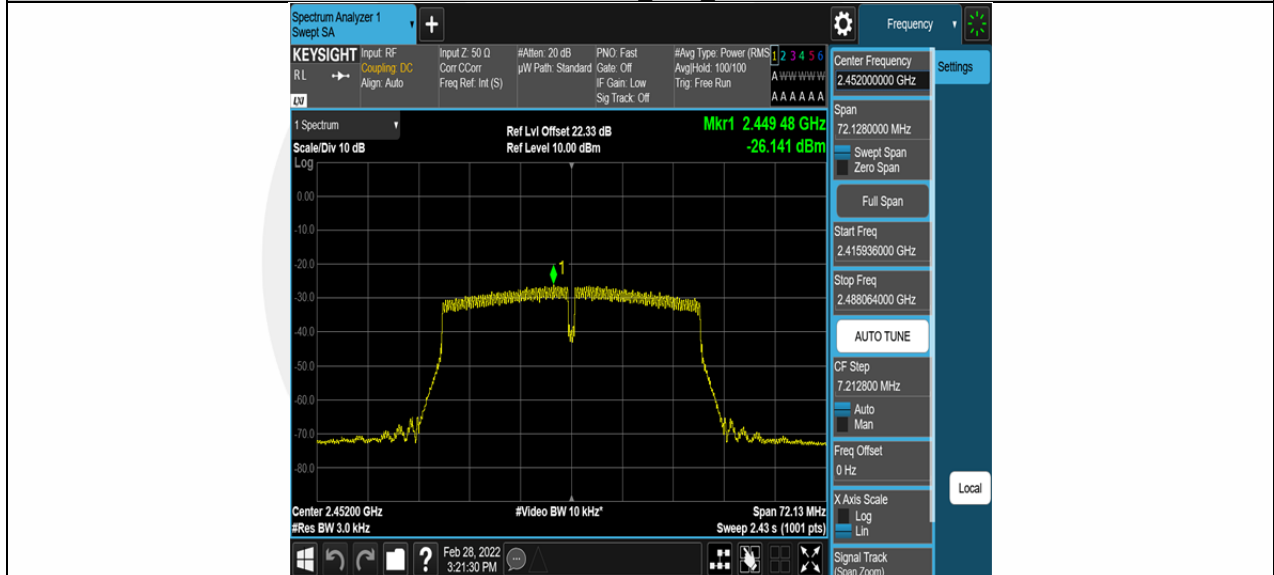




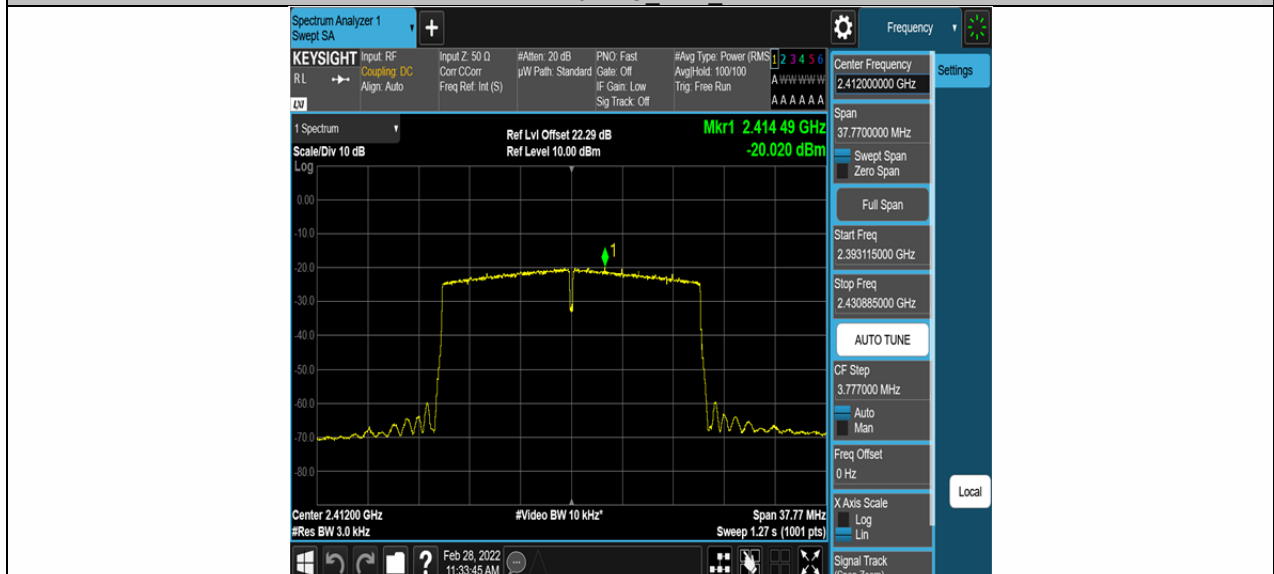


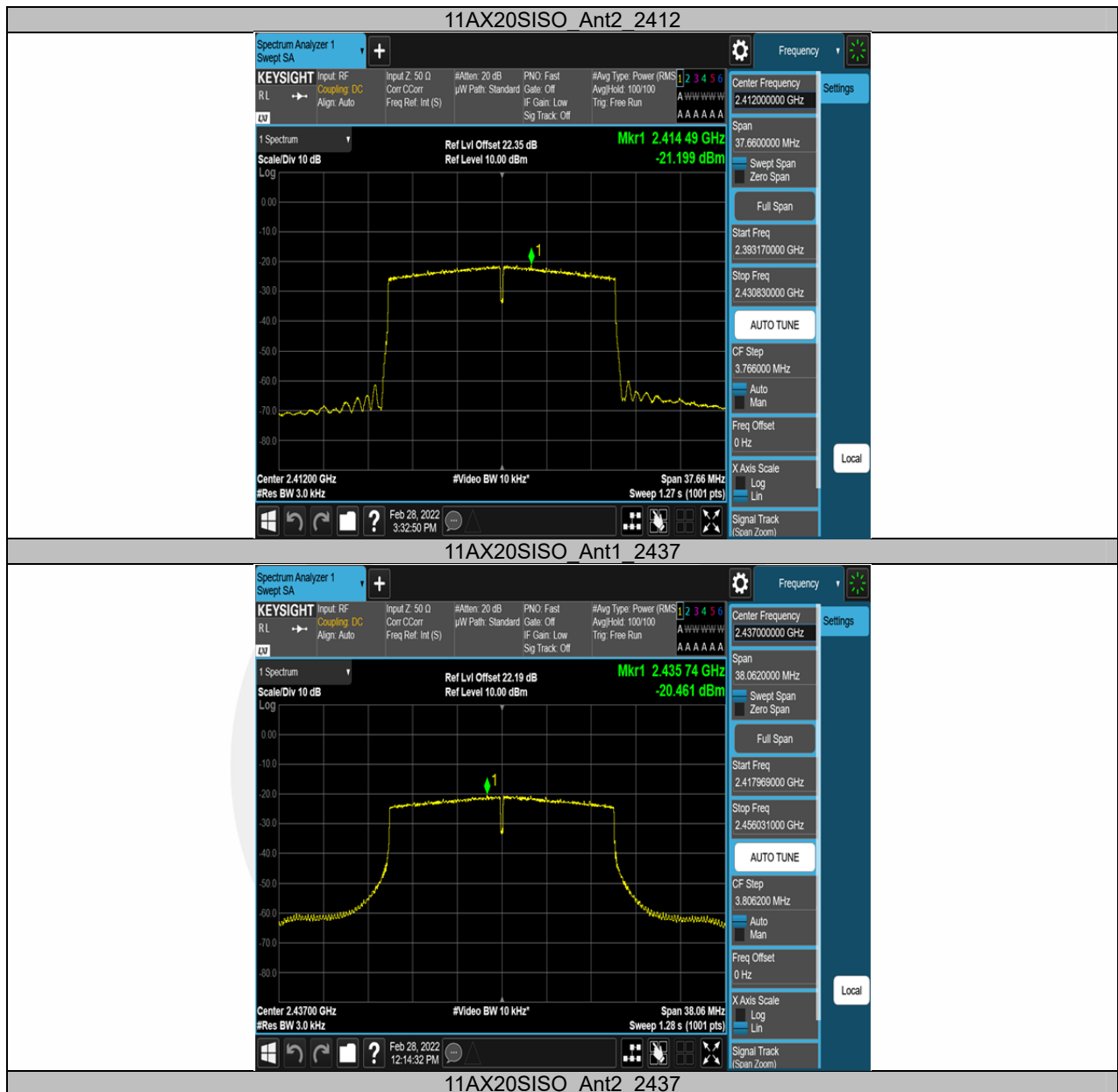


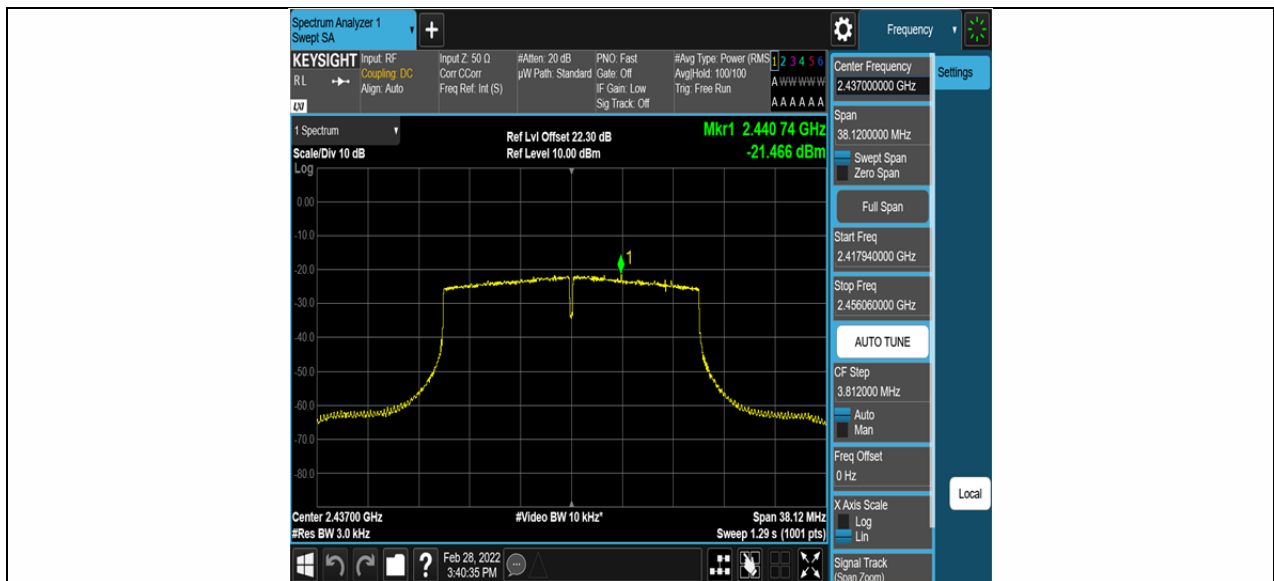
11N40SISO_Ant2_2452



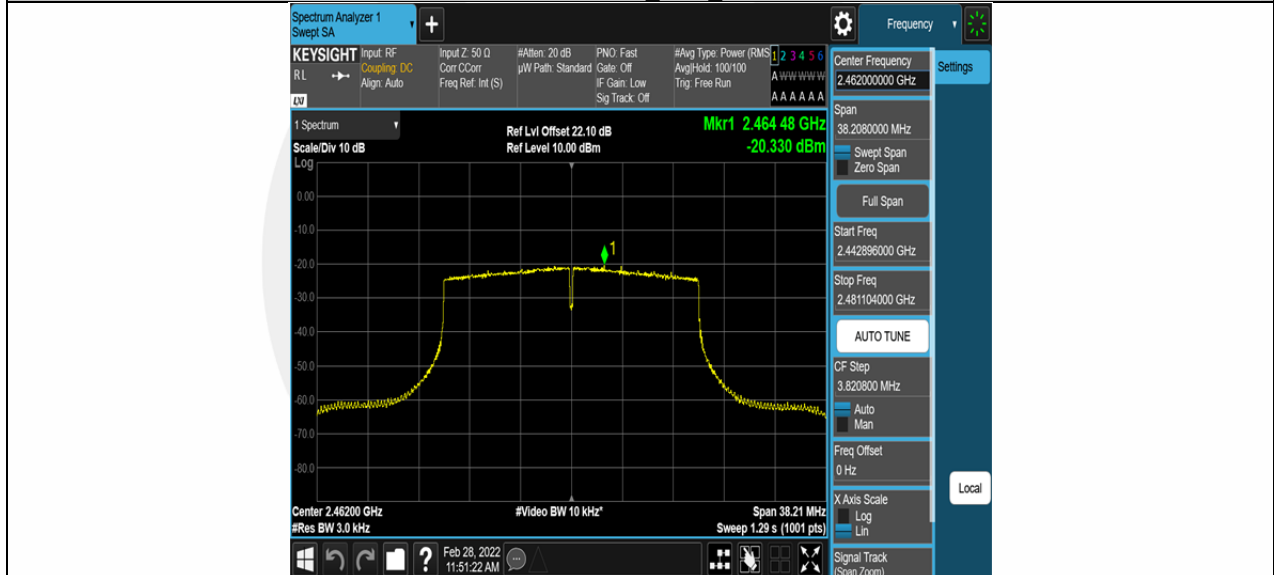
11AX20SISO_Ant1_2412







11AX20SISO_Ant1_2462



11AX20SISO_Ant2_2462

