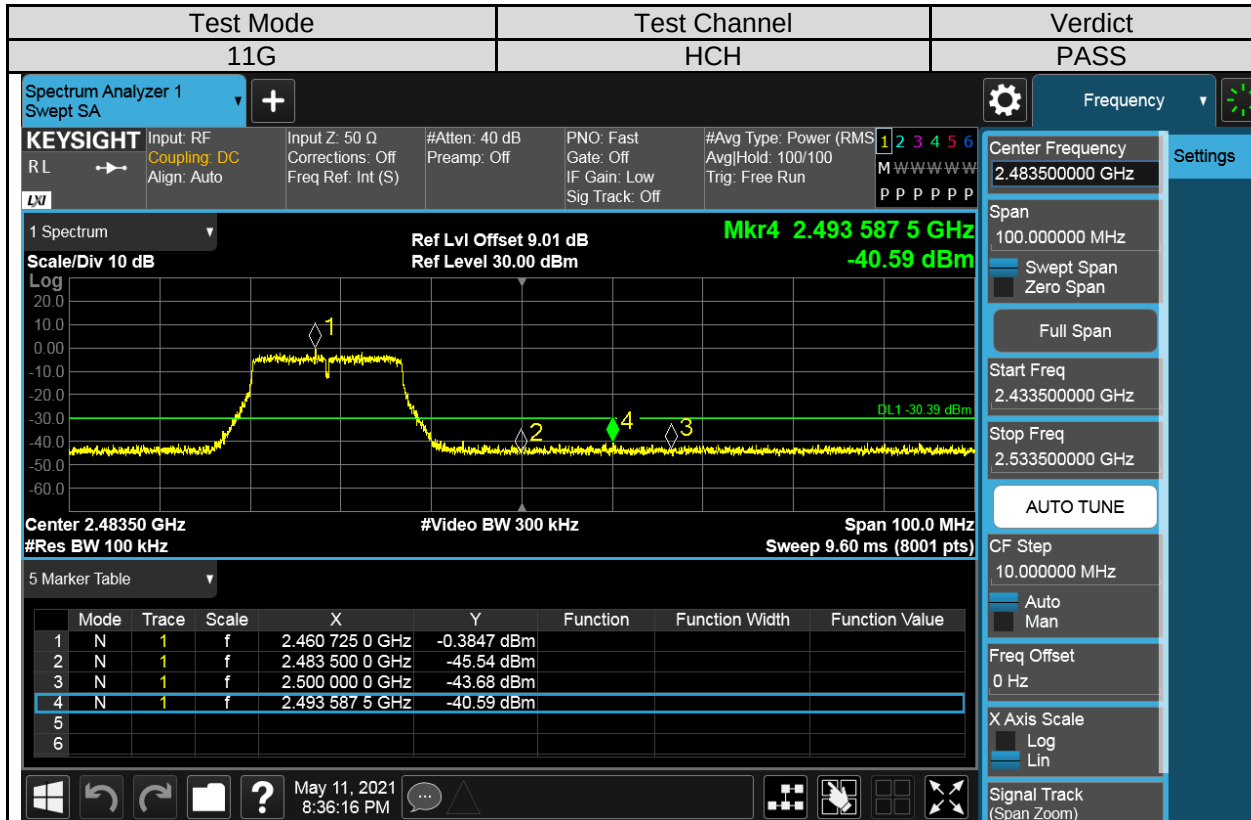
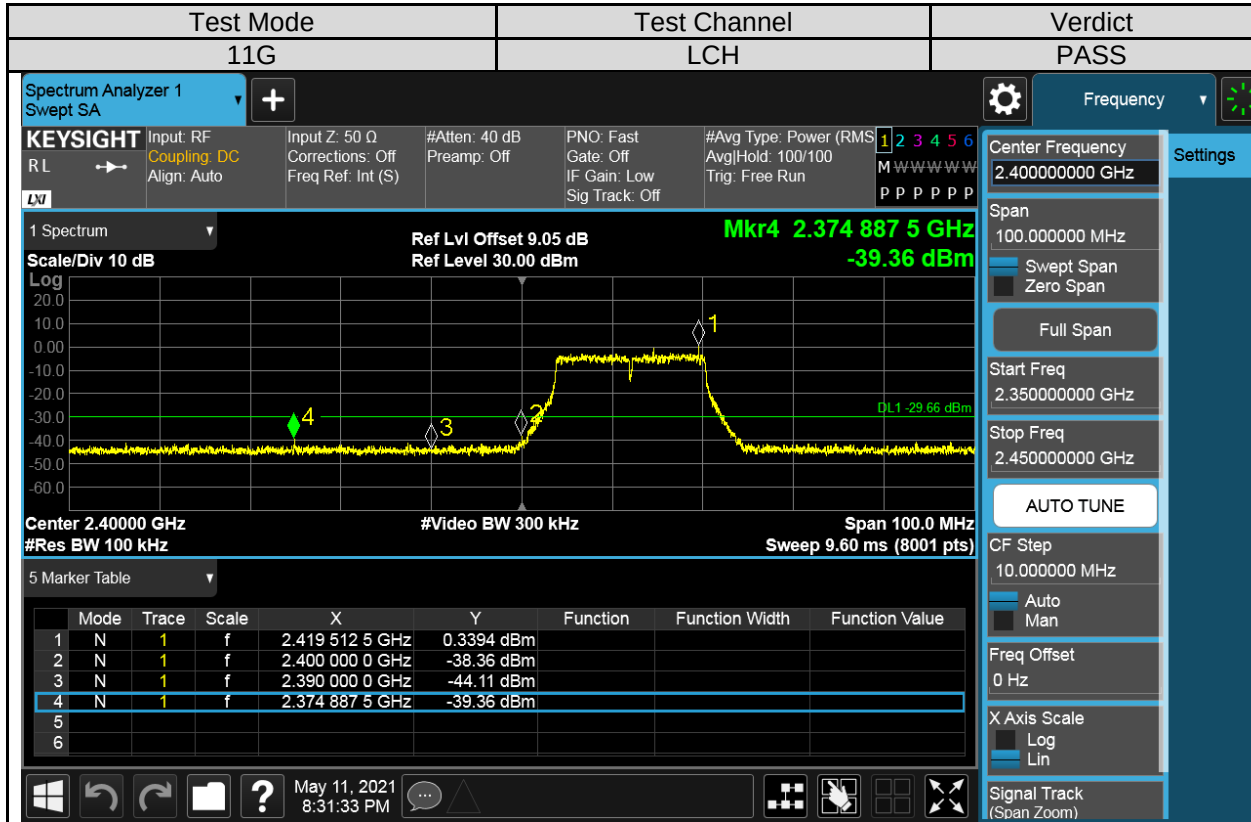
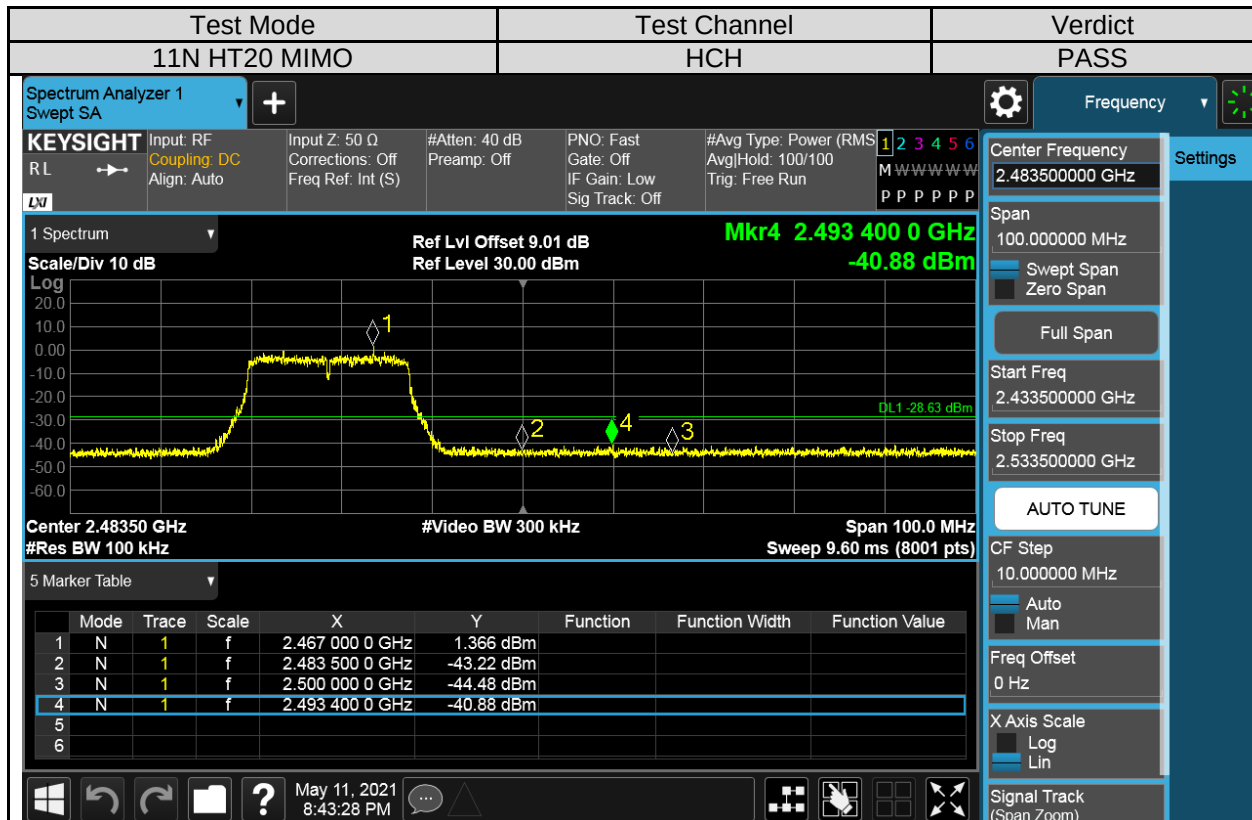
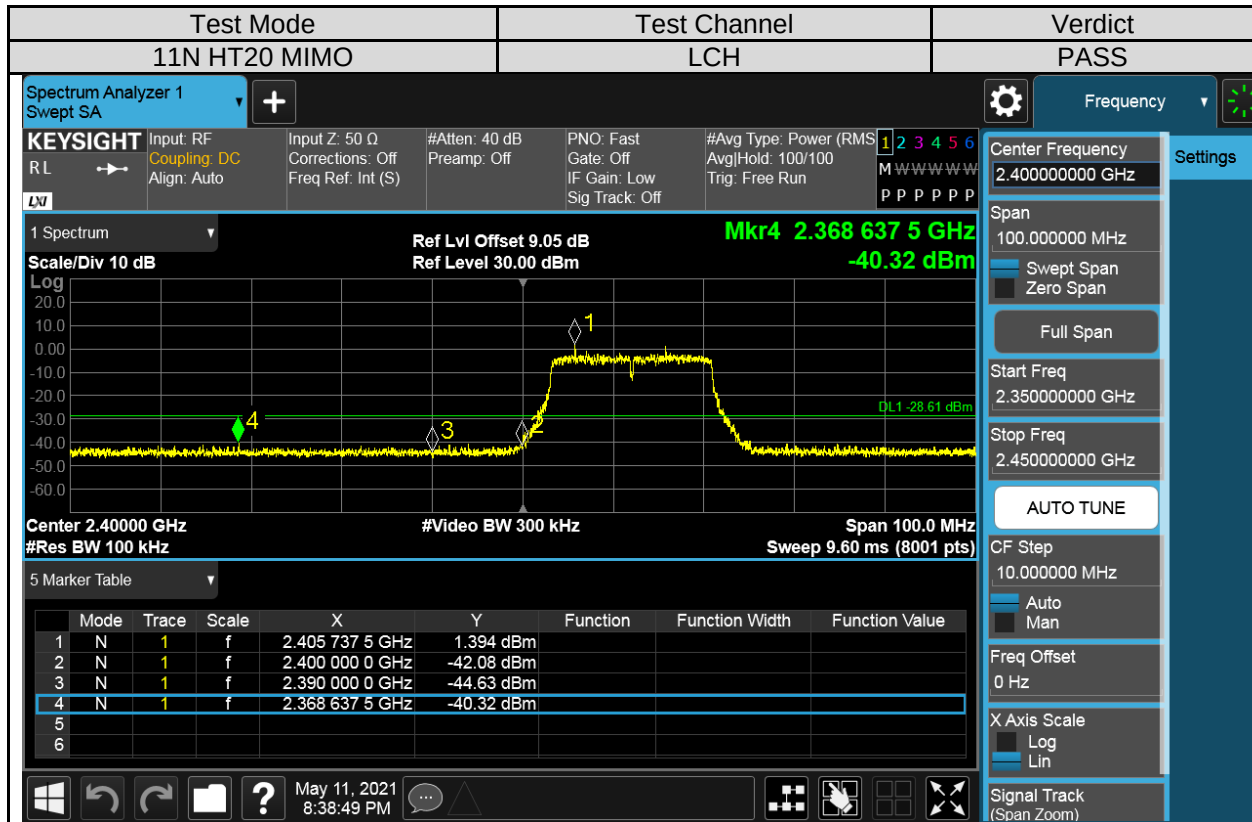
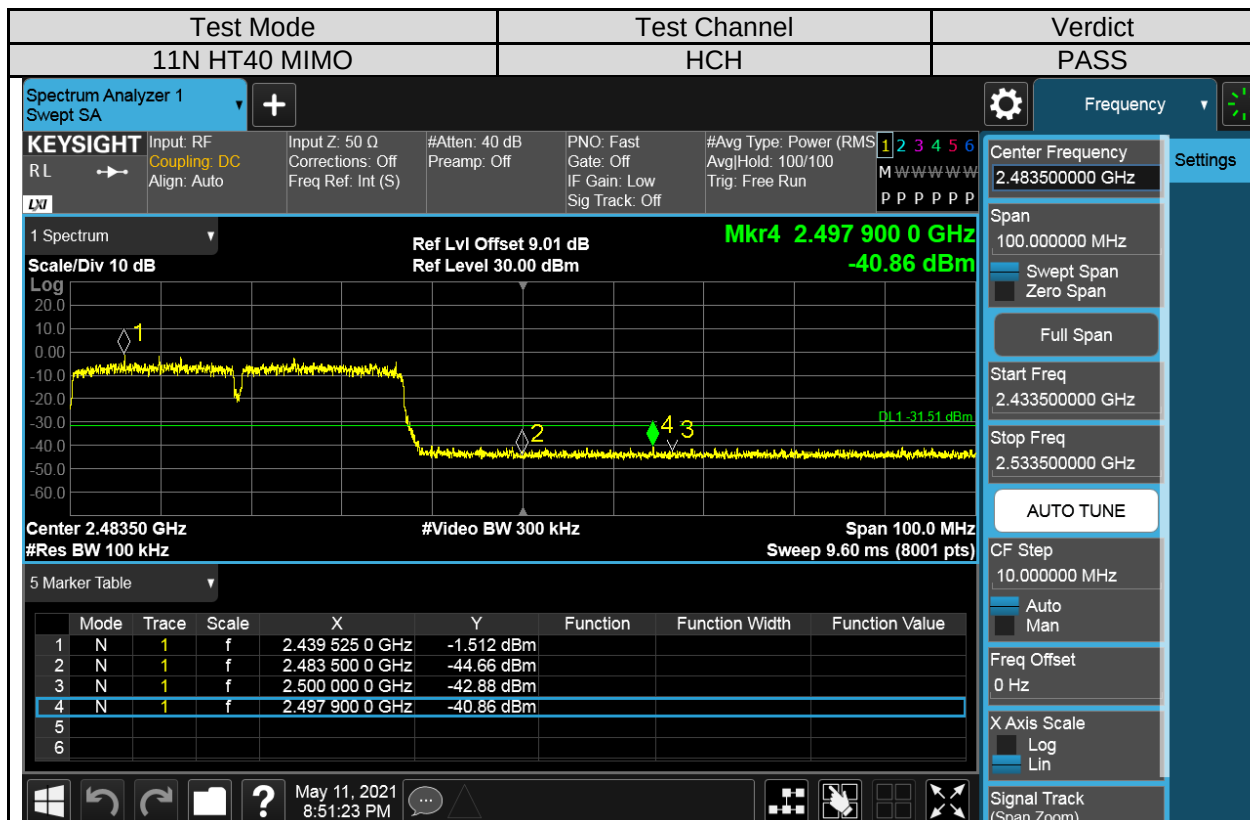
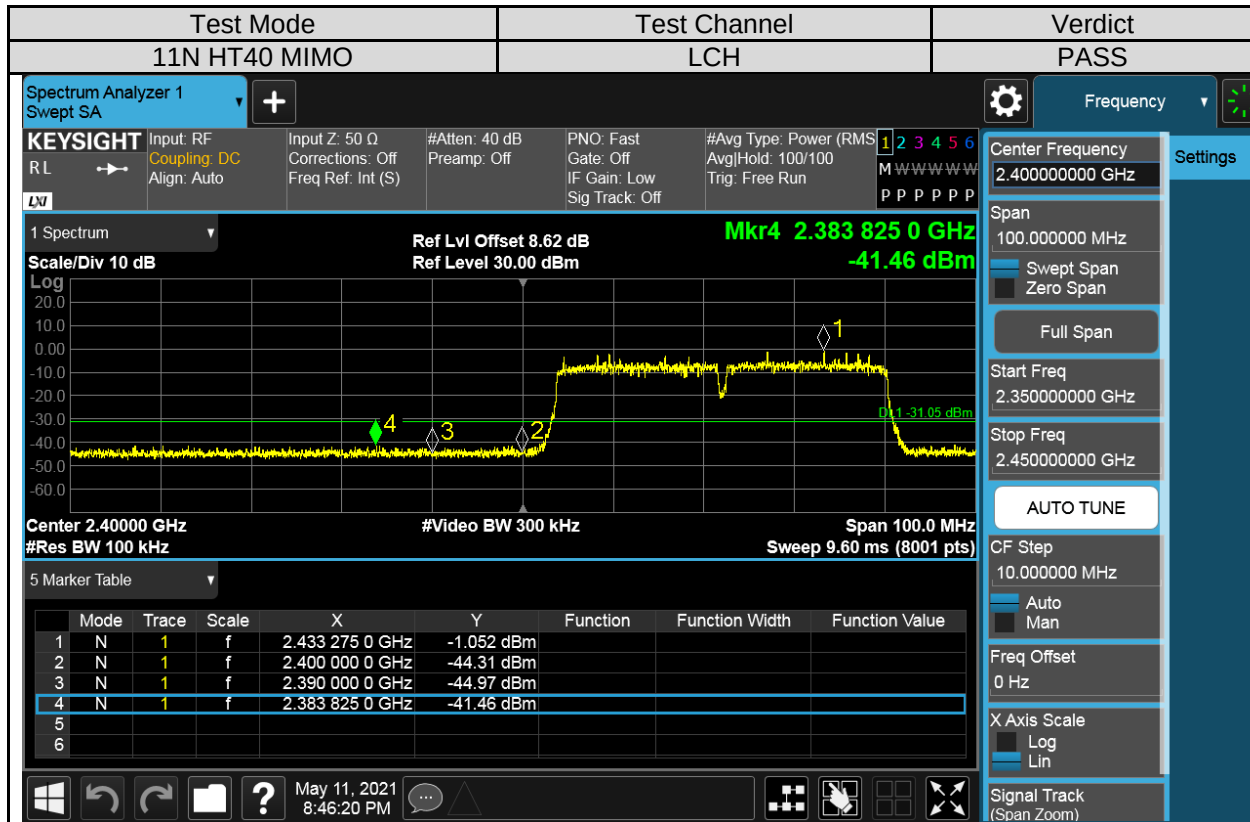








**Part II :Conducted Emission**

Test Result Table

Test Mode	Test Antenna	Channel	Pref(dBm)	Puw(dBm)	Verdict
11B SISO	Antenna 1	LCH	See the test graphs	<Limit	PASS
		MCH	See the test graphs	<Limit	PASS
		HCH	See the test graphs	<Limit	PASS
	Antenna 2	LCH	See the test graphs	<Limit	PASS
		MCH	See the test graphs	<Limit	PASS
		HCH	See the test graphs	<Limit	PASS
11G SISO	Antenna 1	LCH	See the test graphs	<Limit	PASS
		MCH	See the test graphs	<Limit	PASS
		HCH	See the test graphs	<Limit	PASS
	Antenna 2	LCH	See the test graphs	<Limit	PASS
		MCH	See the test graphs	<Limit	PASS
		HCH	See the test graphs	<Limit	PASS
11N MIMO20	Antenna 1	LCH	See the test graphs	<Limit	PASS
		MCH	See the test graphs	<Limit	PASS
		HCH	See the test graphs	<Limit	PASS
	Antenna 2	LCH	See the test graphs	<Limit	PASS
		MCH	See the test graphs	<Limit	PASS
		HCH	See the test graphs	<Limit	PASS
11N MIMO40	Antenna 1	LCH	See the test graphs	<Limit	PASS
		MCH	See the test graphs	<Limit	PASS
		HCH	See the test graphs	<Limit	PASS
	Antenna 2	LCH	See the test graphs	<Limit	PASS
		MCH	See the test graphs	<Limit	PASS
		HCH	See the test graphs	<Limit	PASS

Remark:

- 1) For this product, it has two antennas, antenna1 and antenna2, but only the 802.11N HT20 and 802.11N HT40 modes can support both the SISO and MIMO technical.
- 2) Through pre-testing all the test modes of 11N 20 and 11N40, including SISO and MIMO, but only the data if worse case is included in this test report.

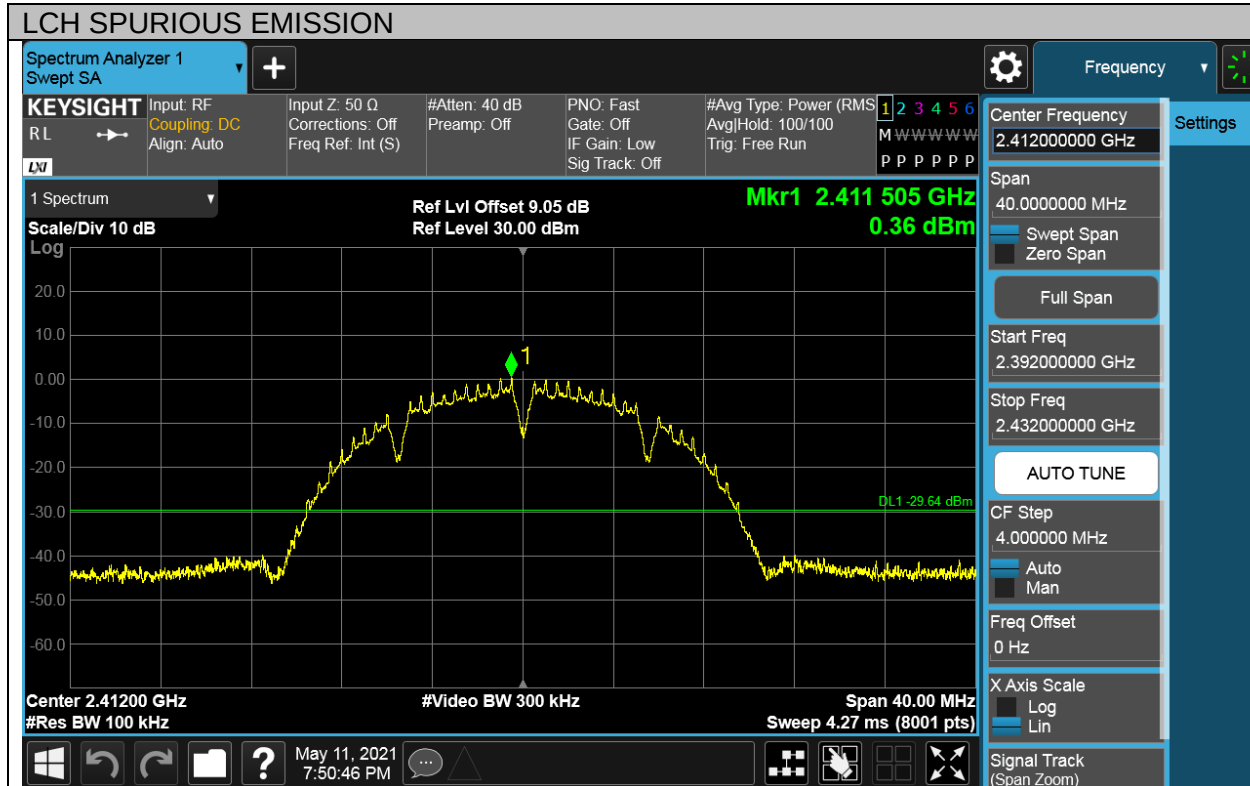


Test Plots

Antenna 1 Part:

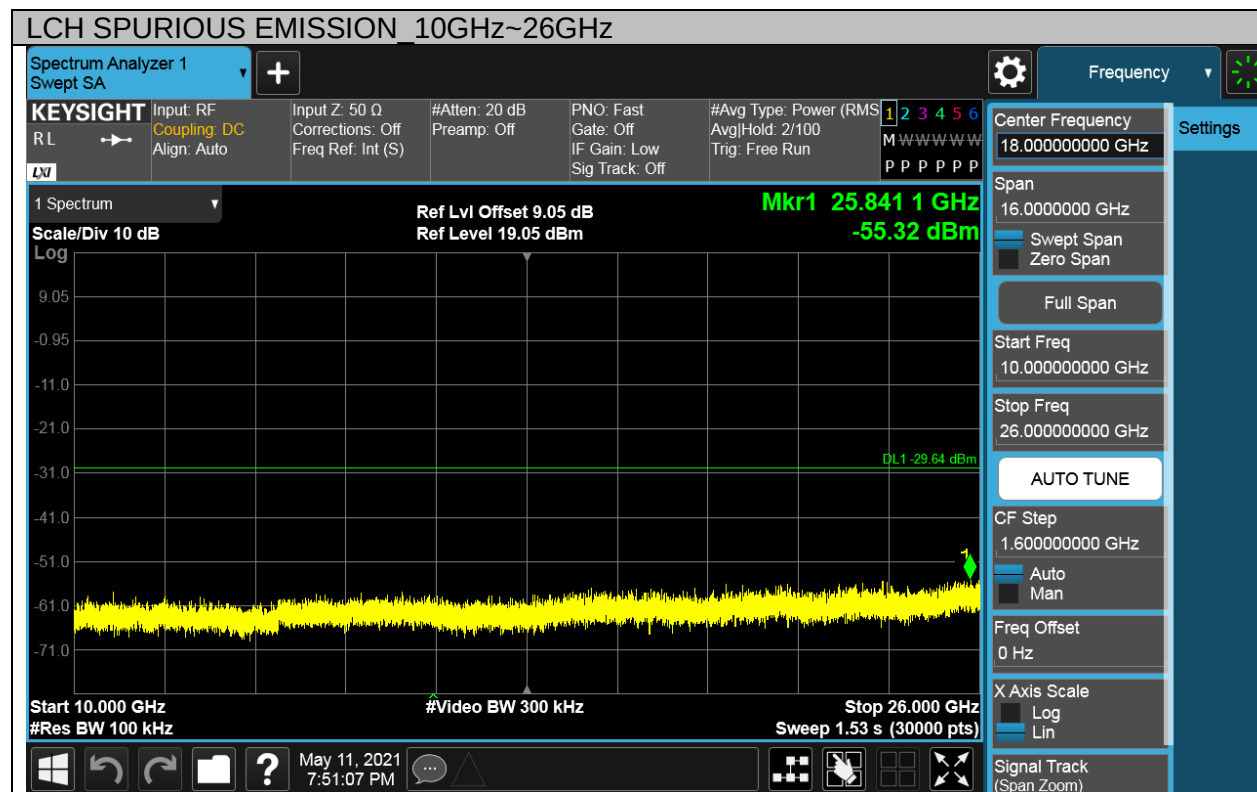
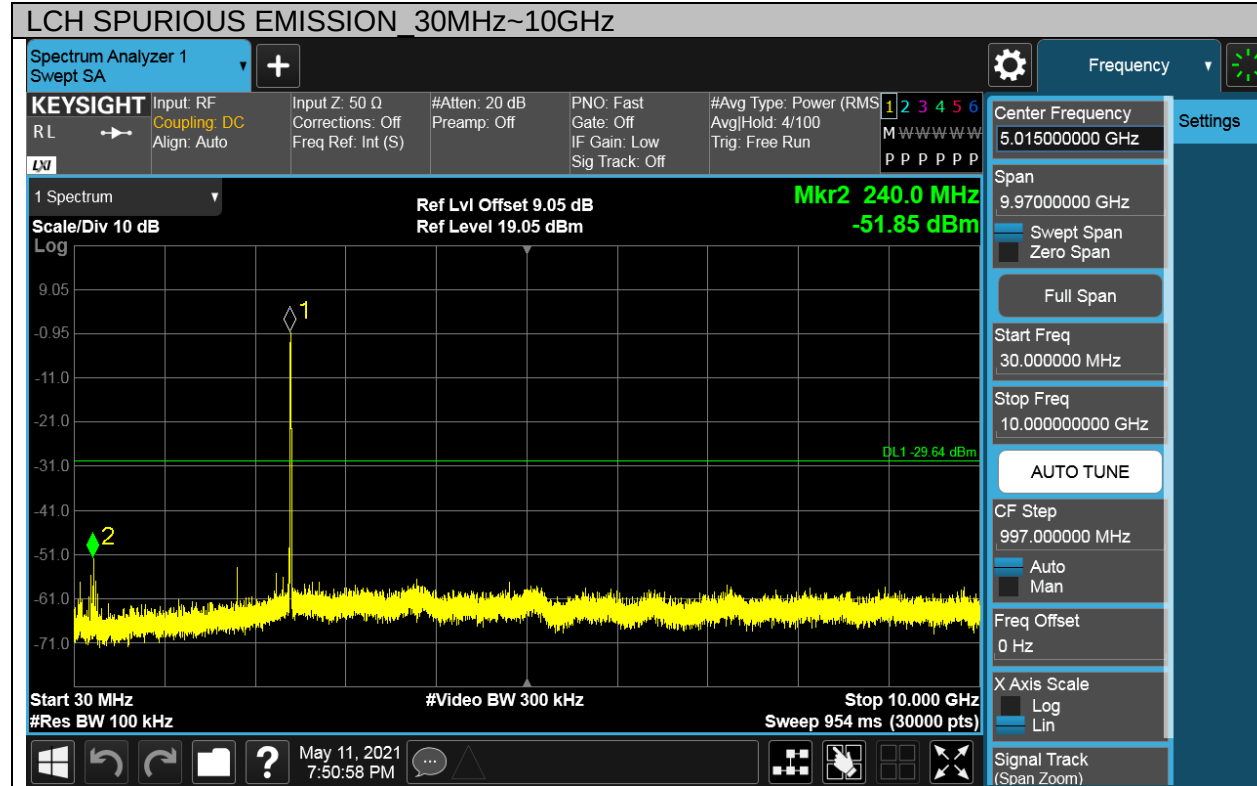
Test Mode	Channel	Verdict
11B	LCH	PASS

Pref test Plot





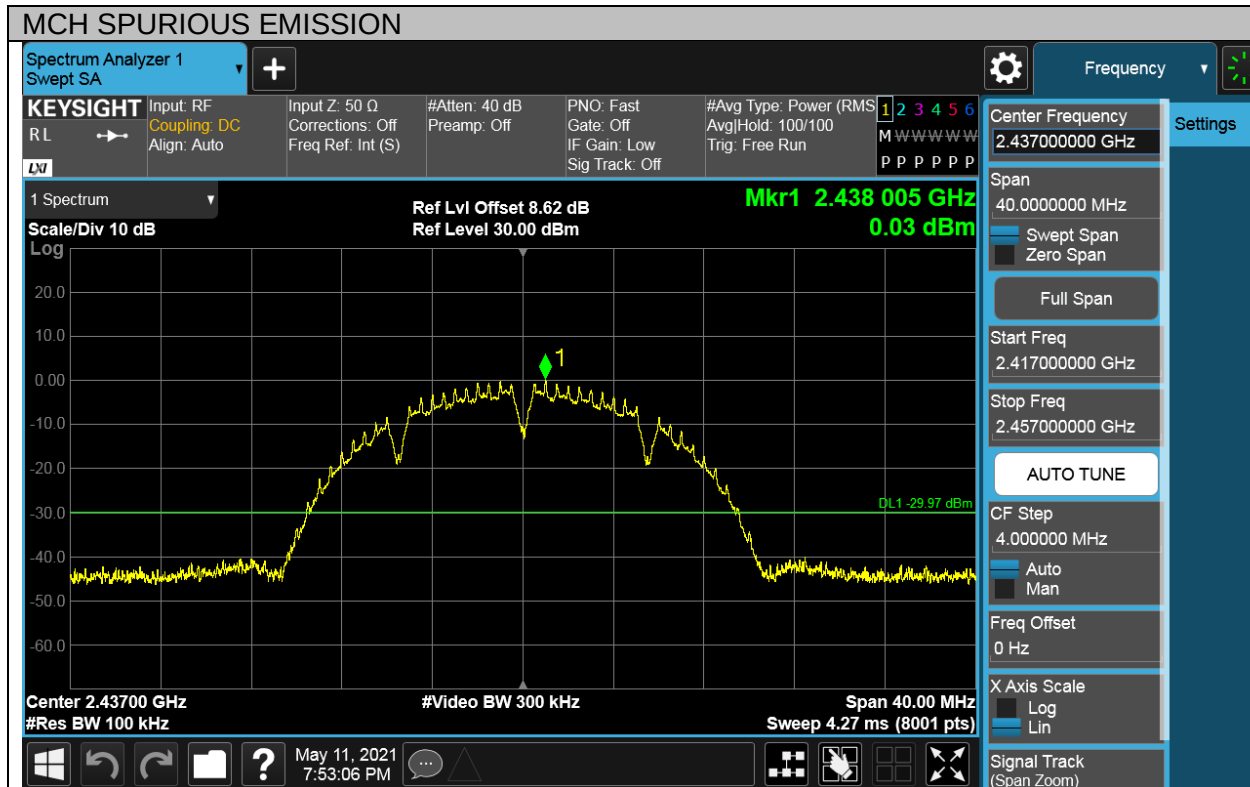
Puw test Plot





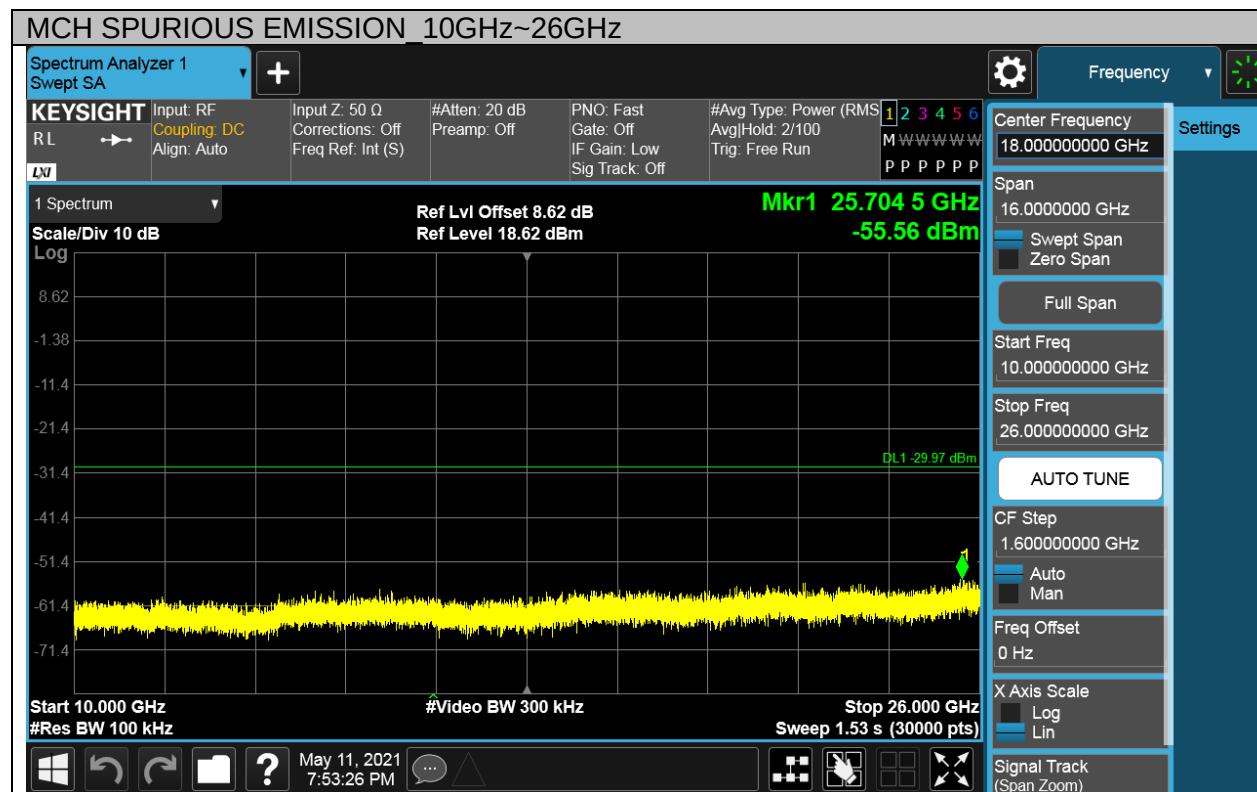
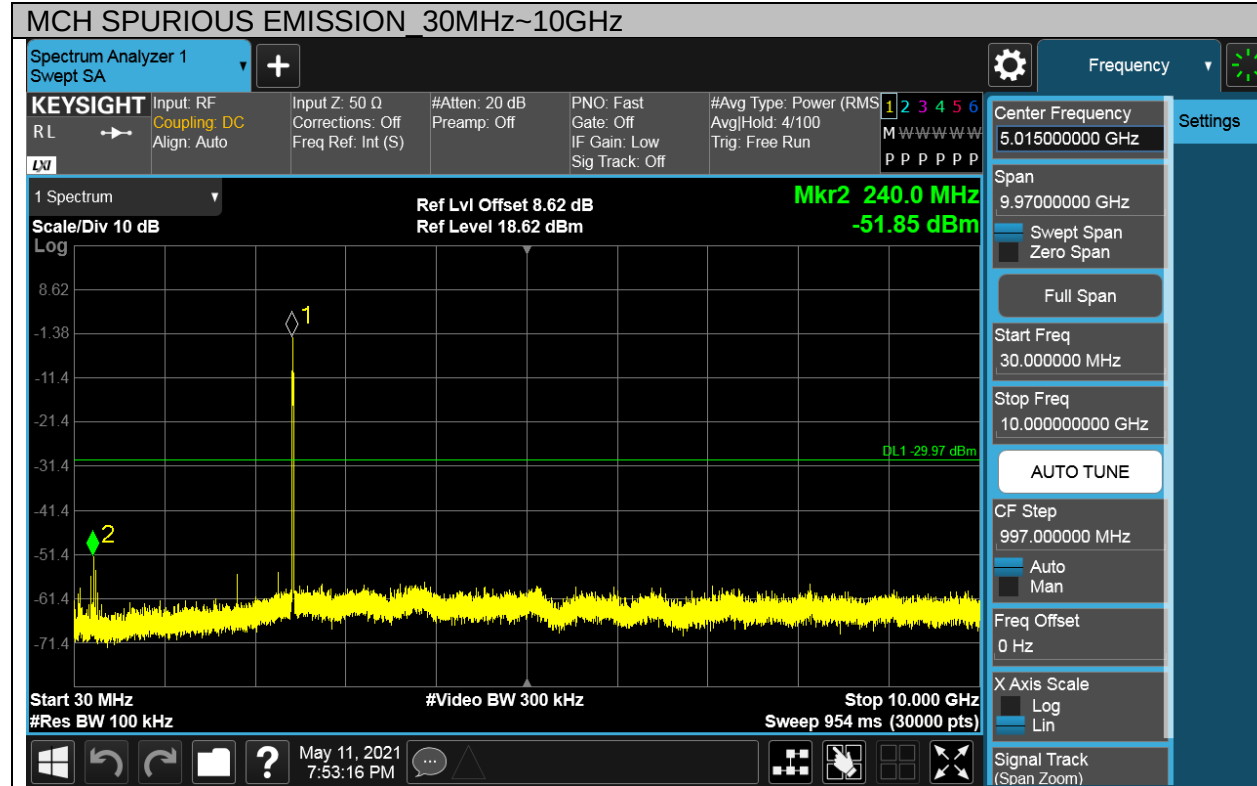
Test Mode	Channel	Verdict
11B	MCH	PASS

Pref test Plot





Puw test Plot





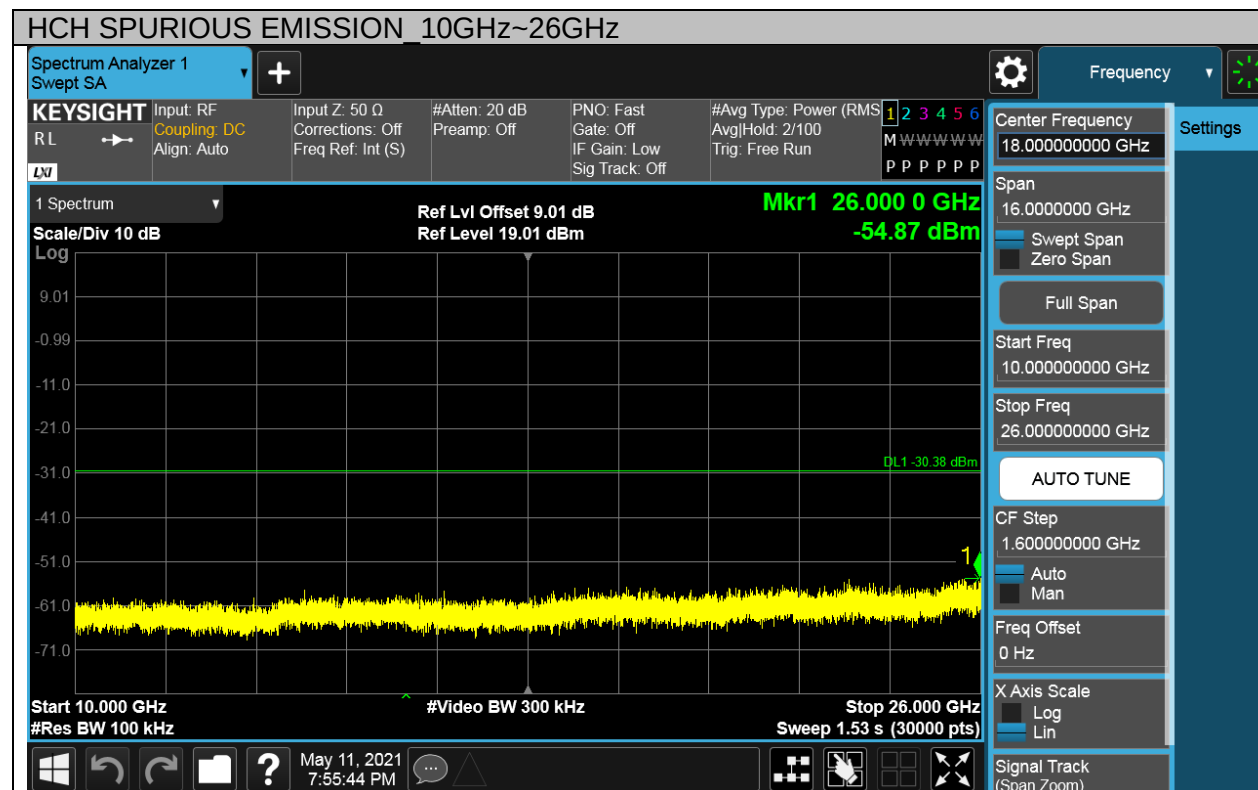
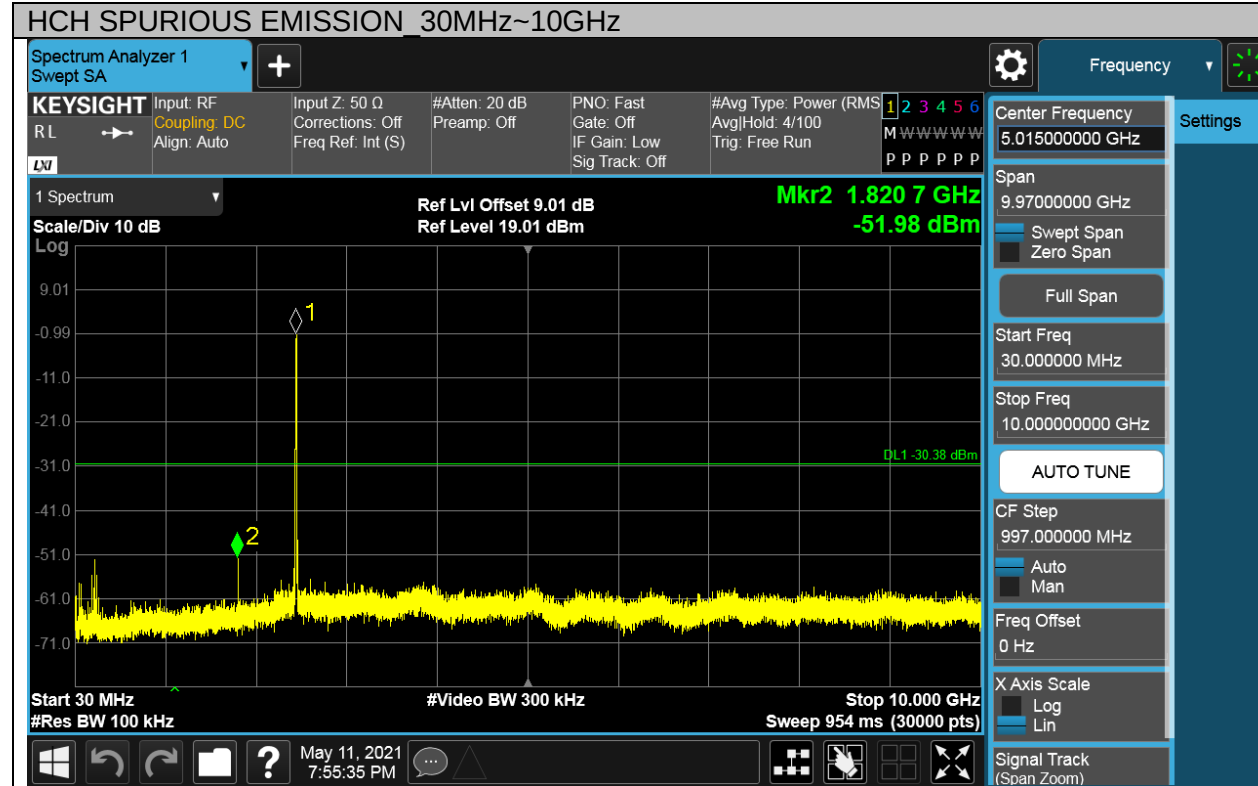
Test Mode	Channel	Verdict
11B	HCH	PASS

Pref test Plot





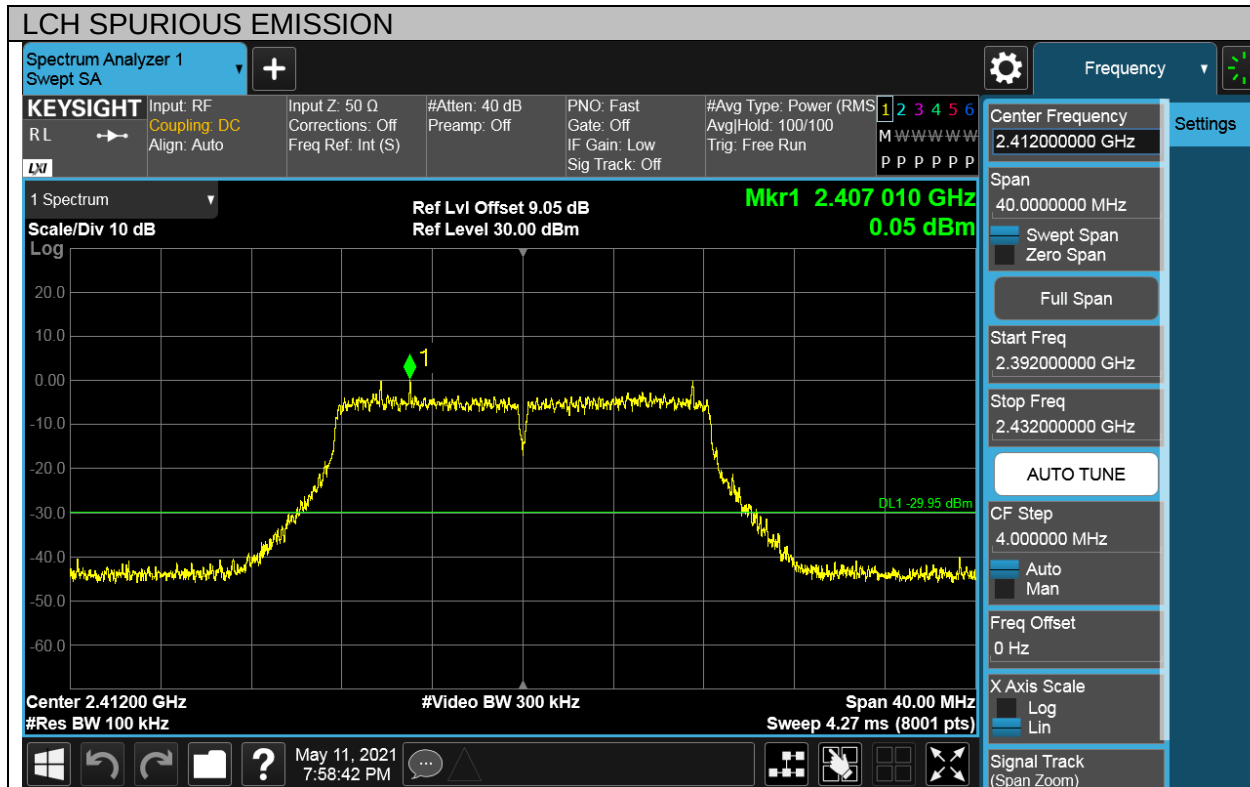
Puw test Plot





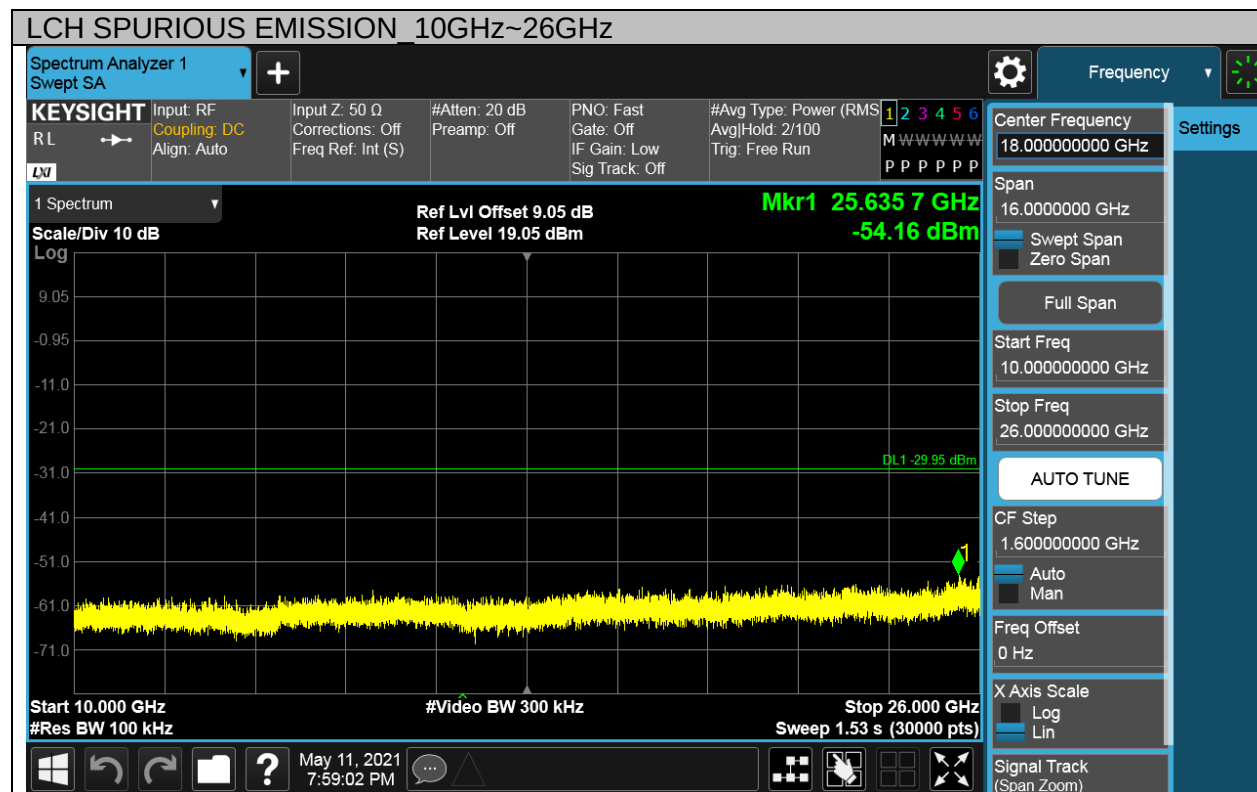
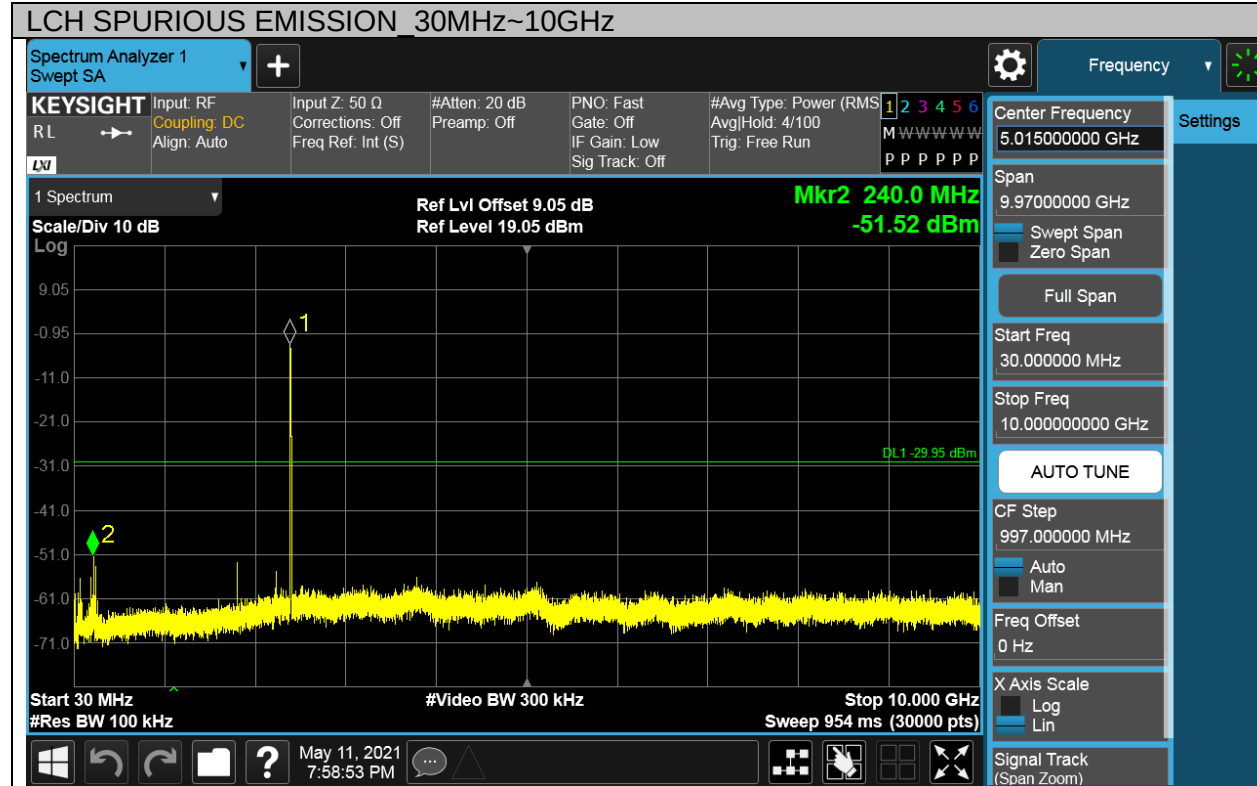
Test Mode	Channel	Verdict
11G	LCH	PASS

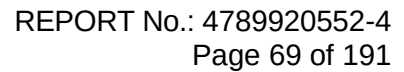
Pref test Plot





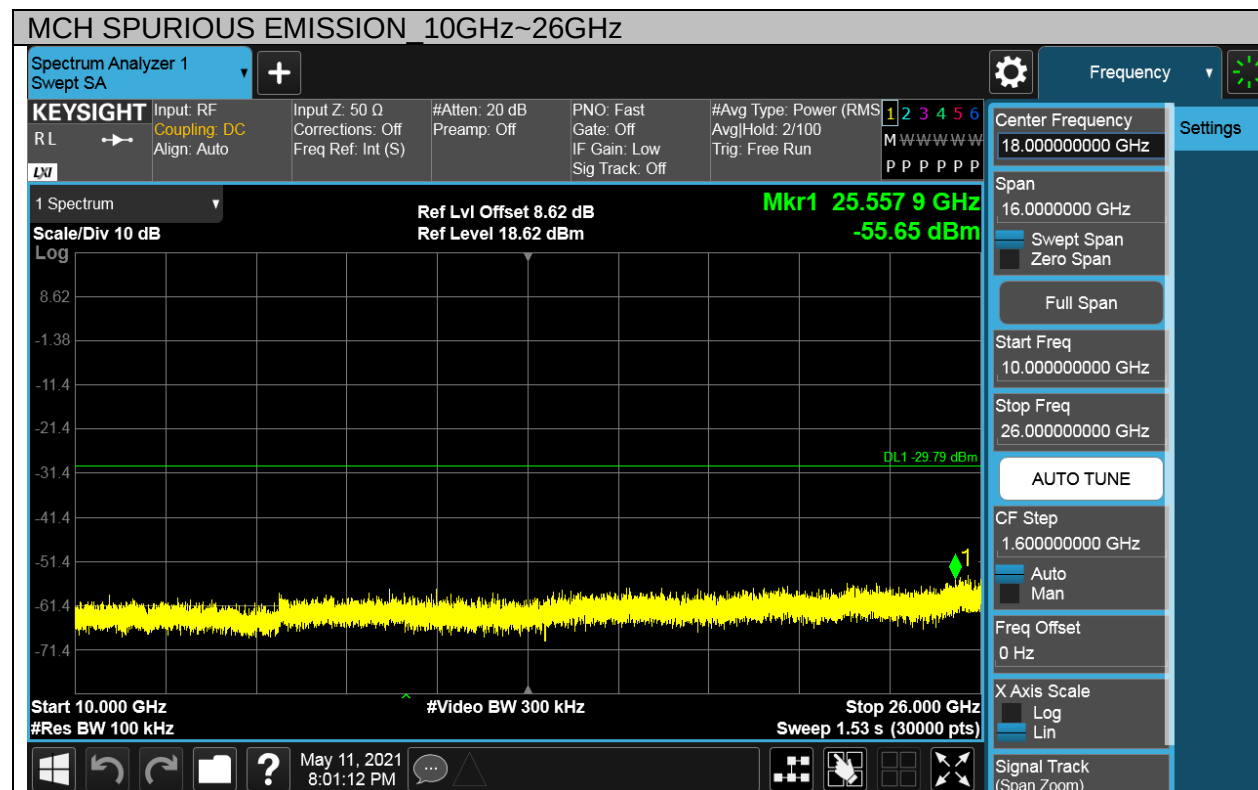
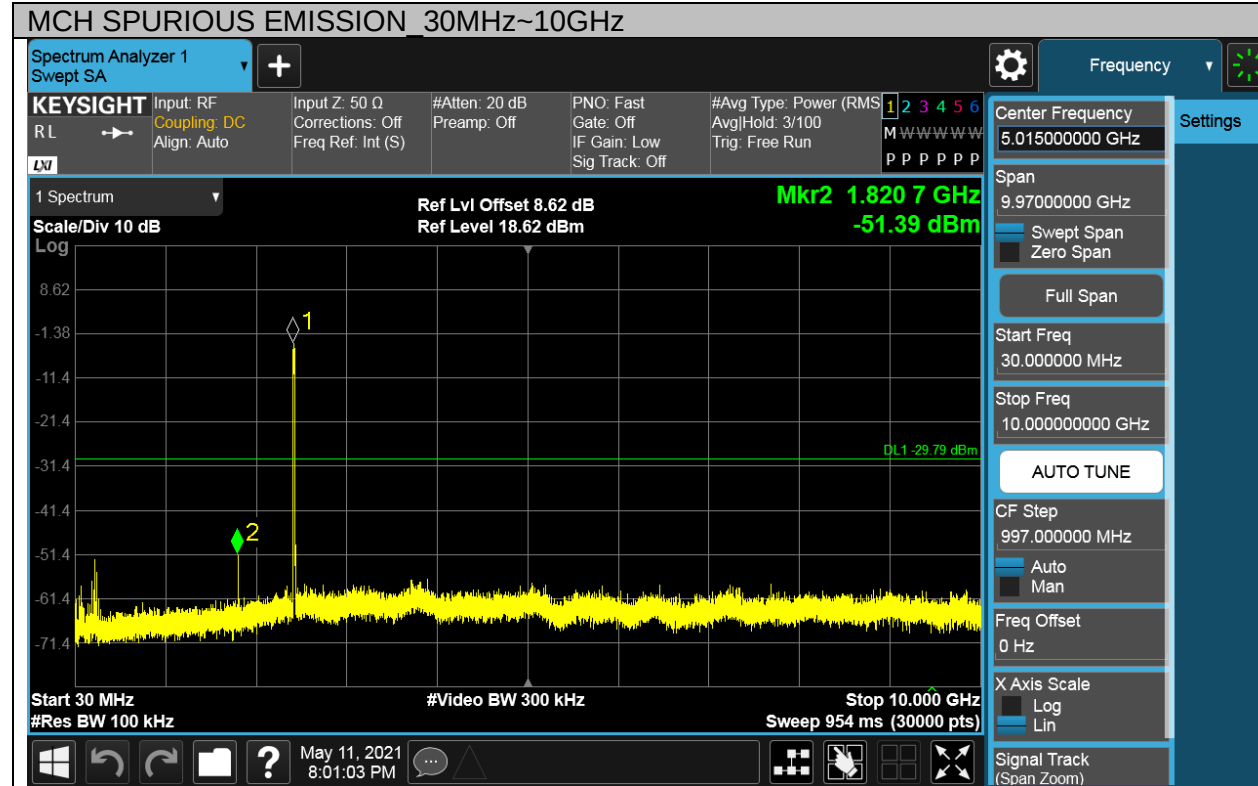
Puw test Plot







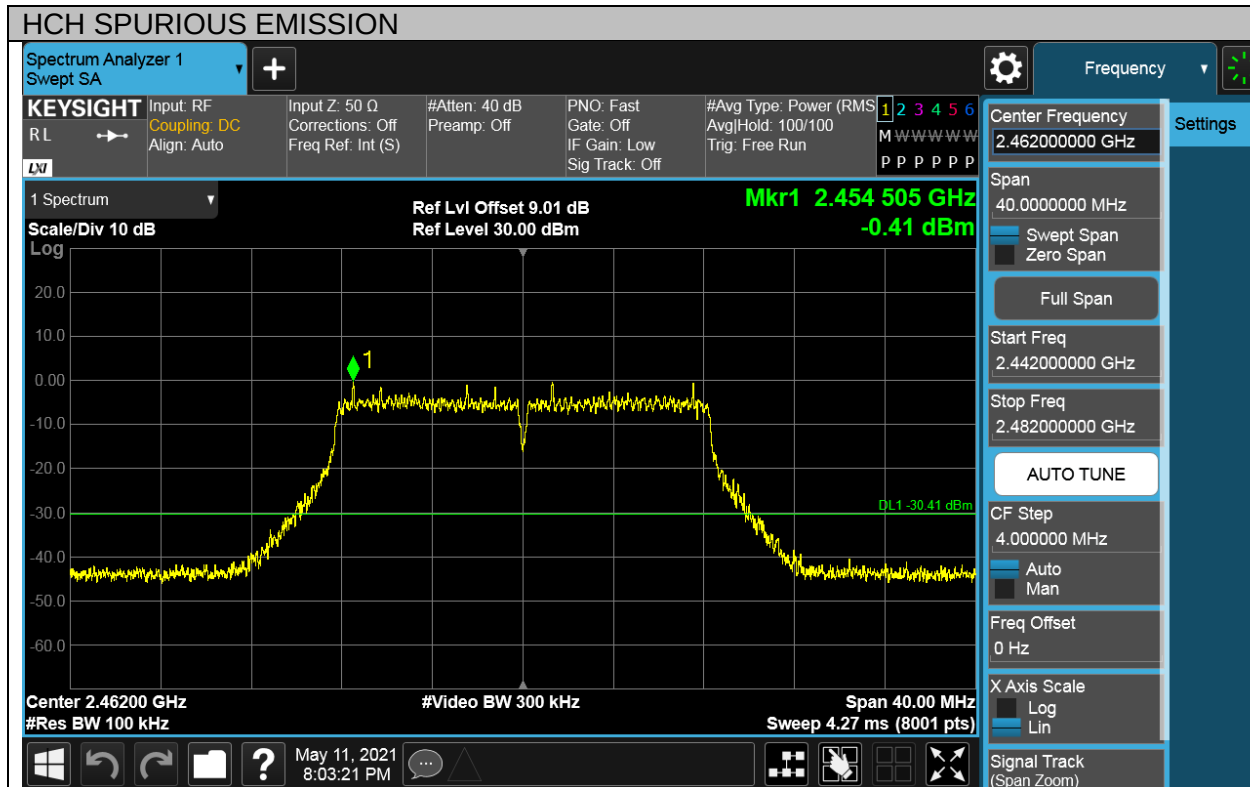
Puw test Plot





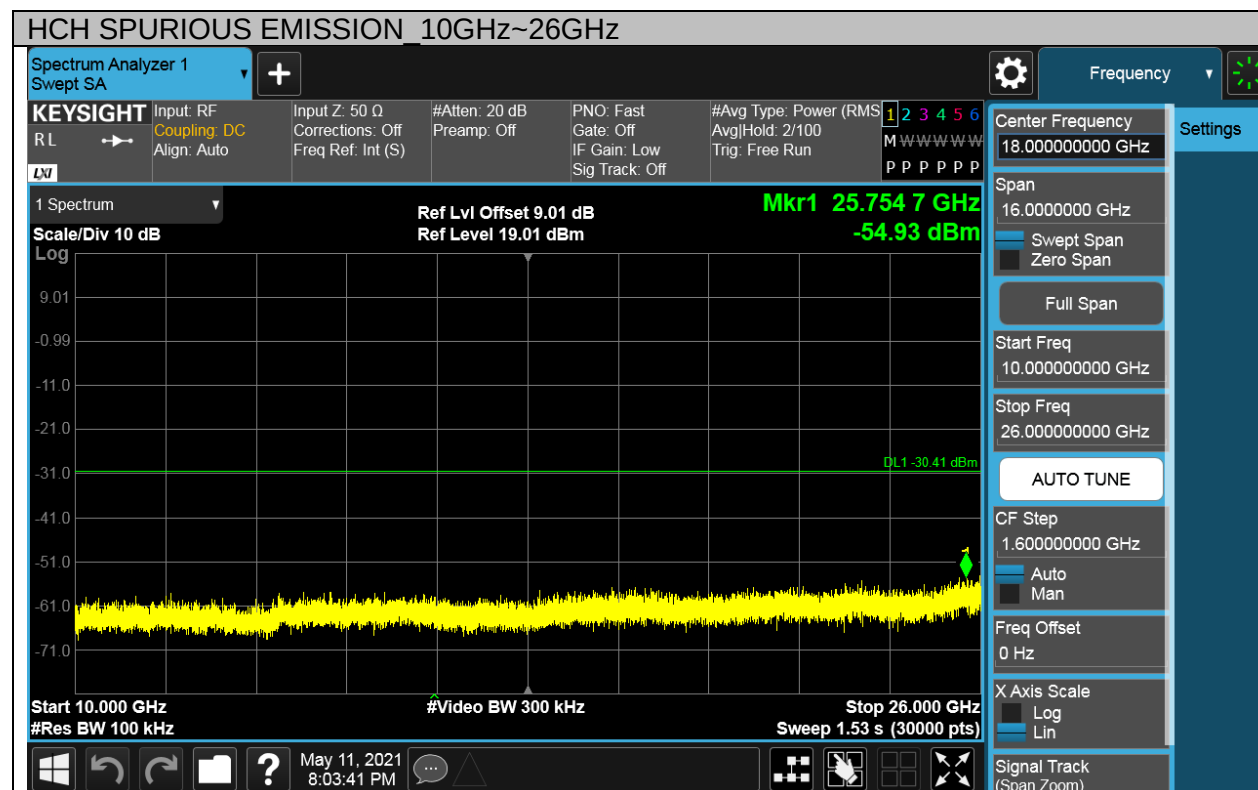
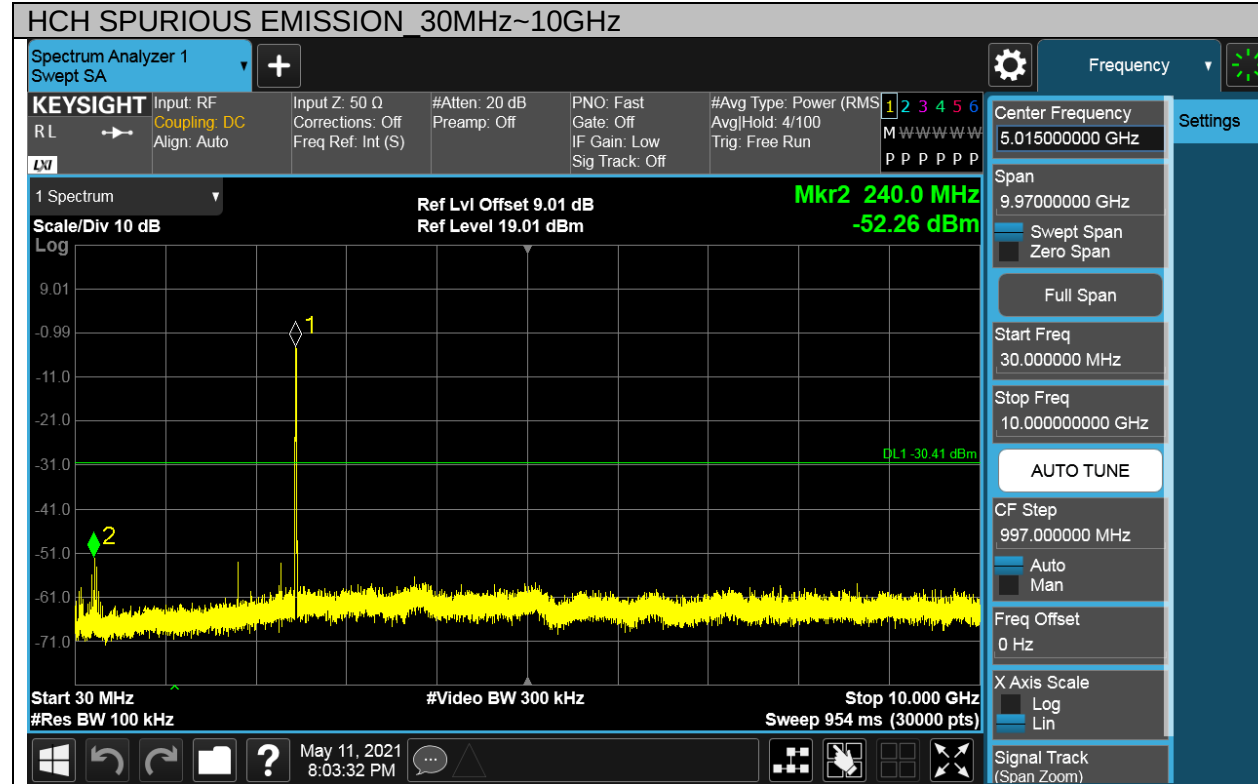
Test Mode	Channel	Verdict
11G	HCH	PASS

Pref test Plot





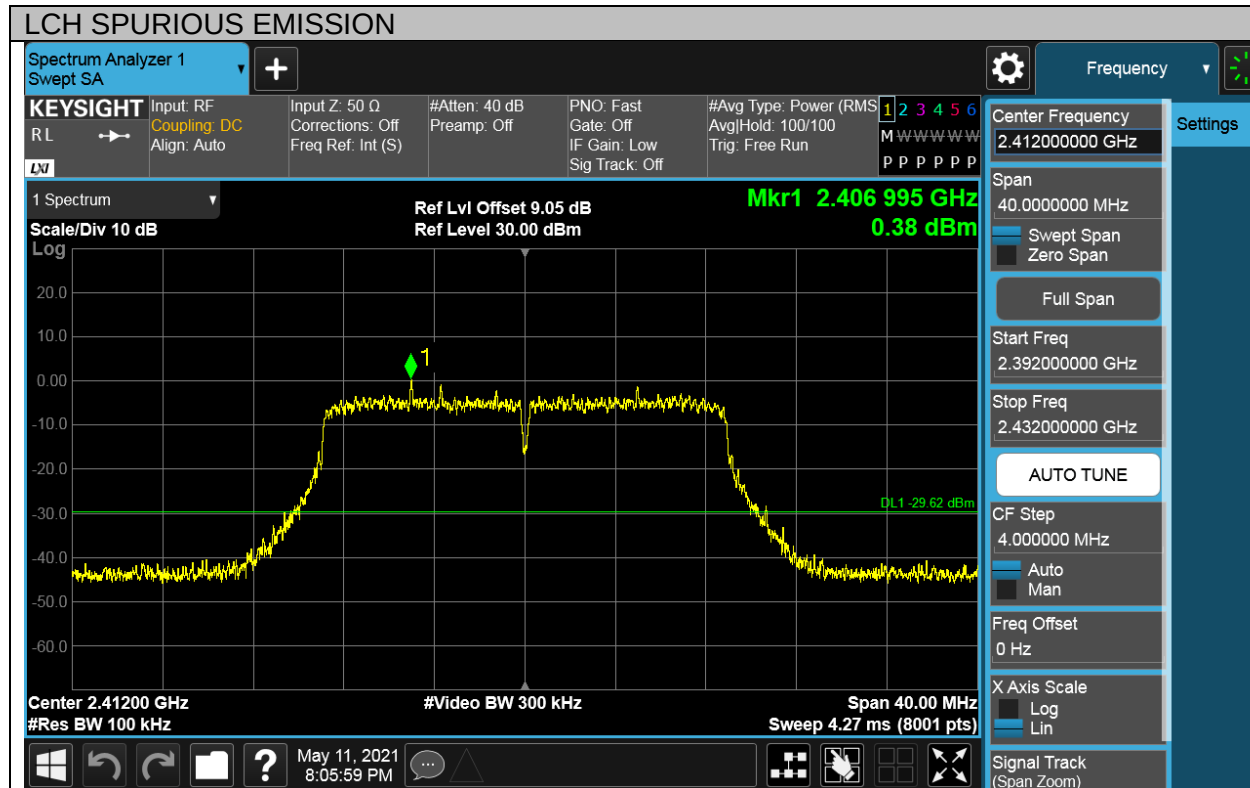
Puw test Plot





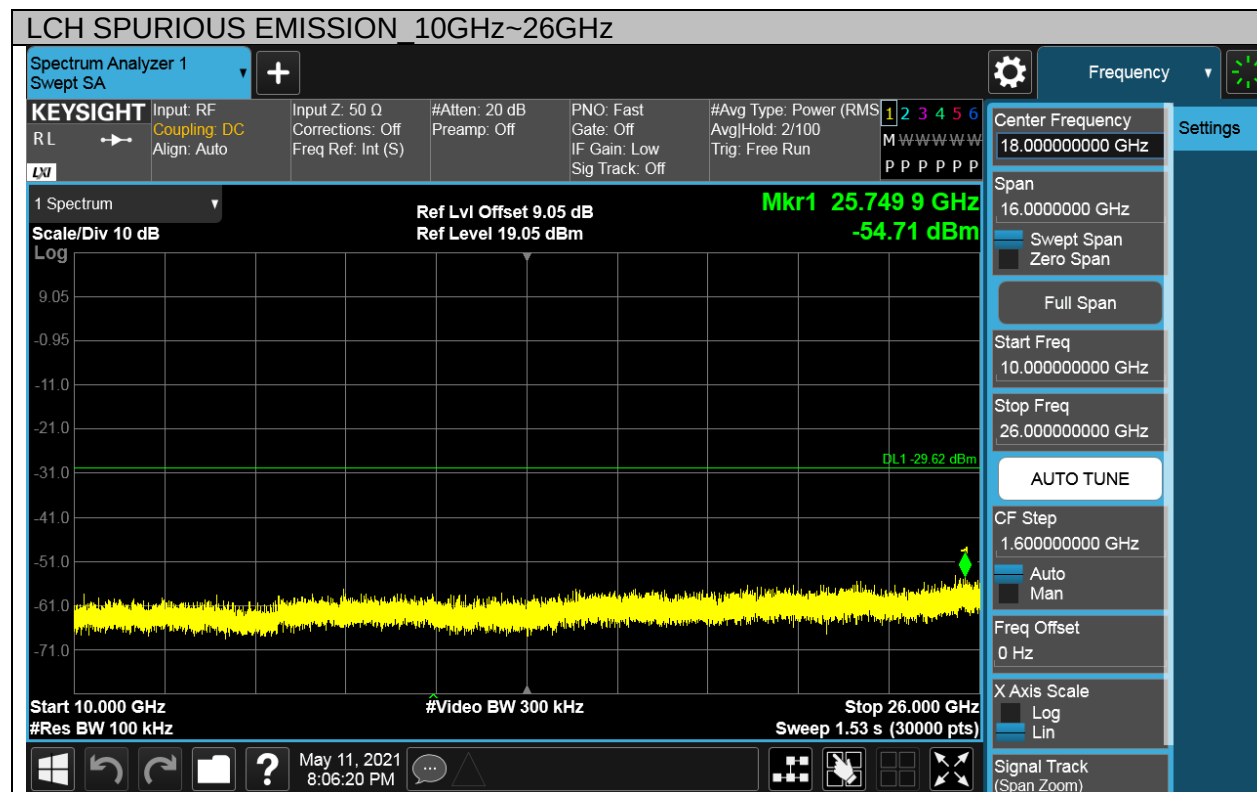
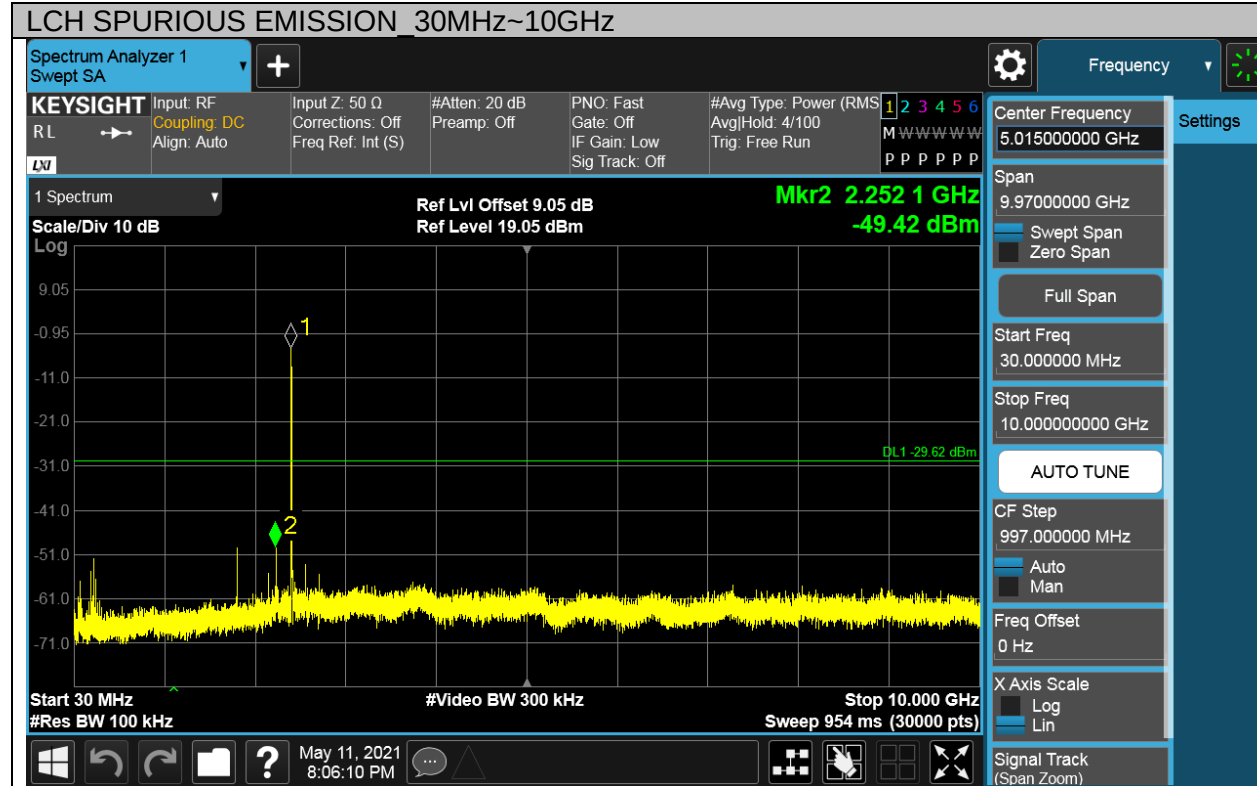
Test Mode	Channel	Verdict
11N HT20	LCH	PASS

Pref test Plot





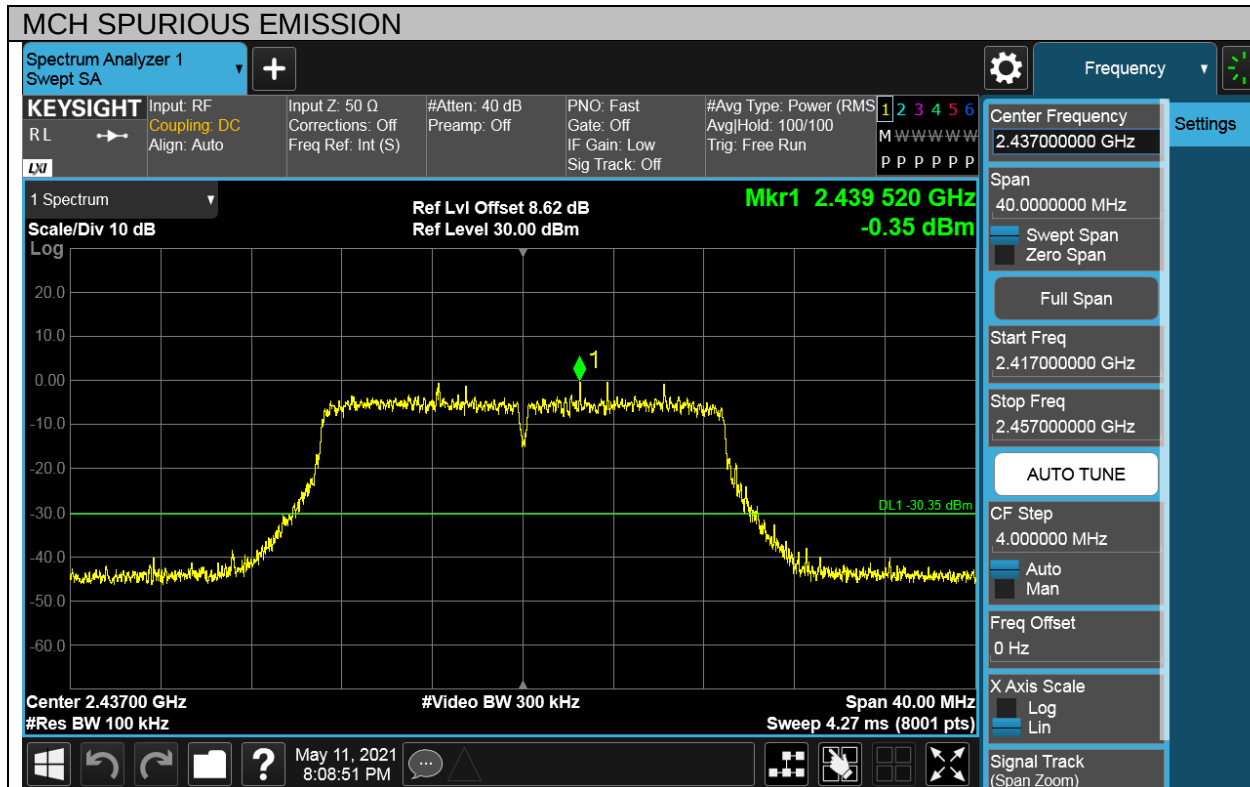
Puw test Plot





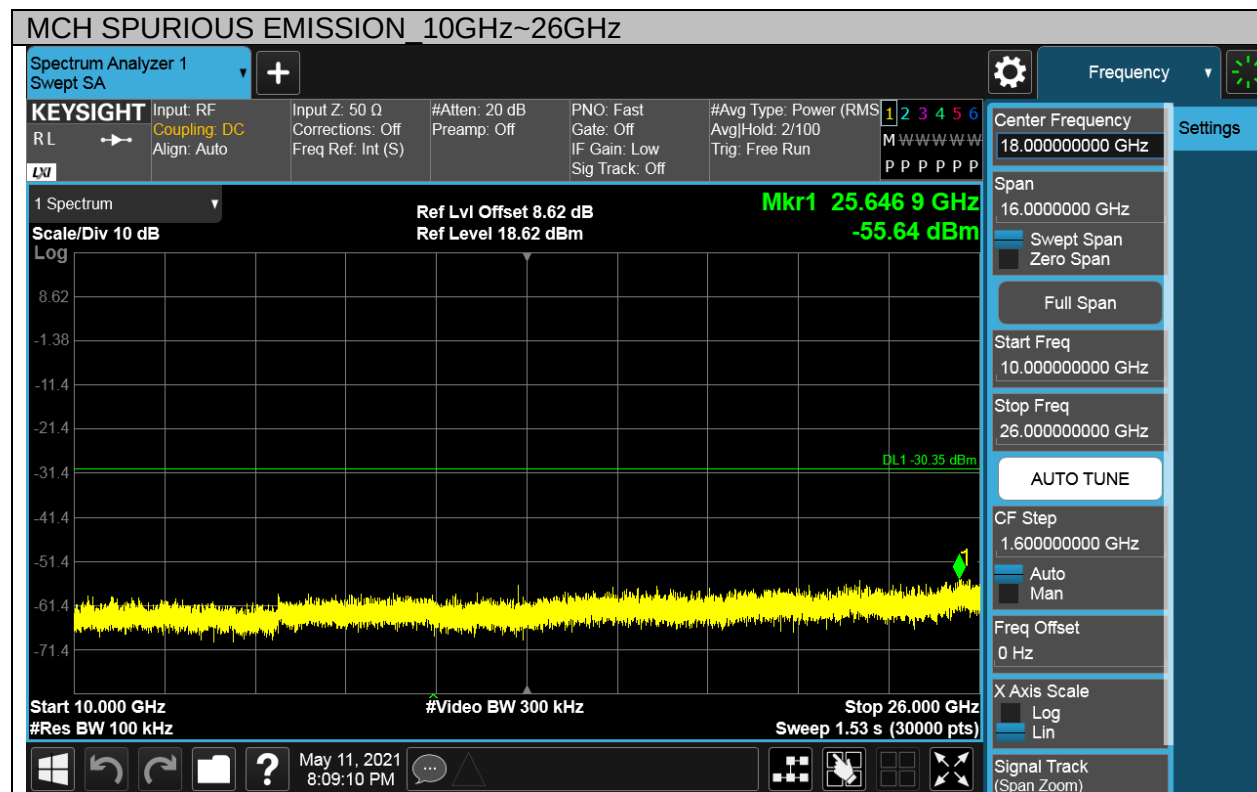
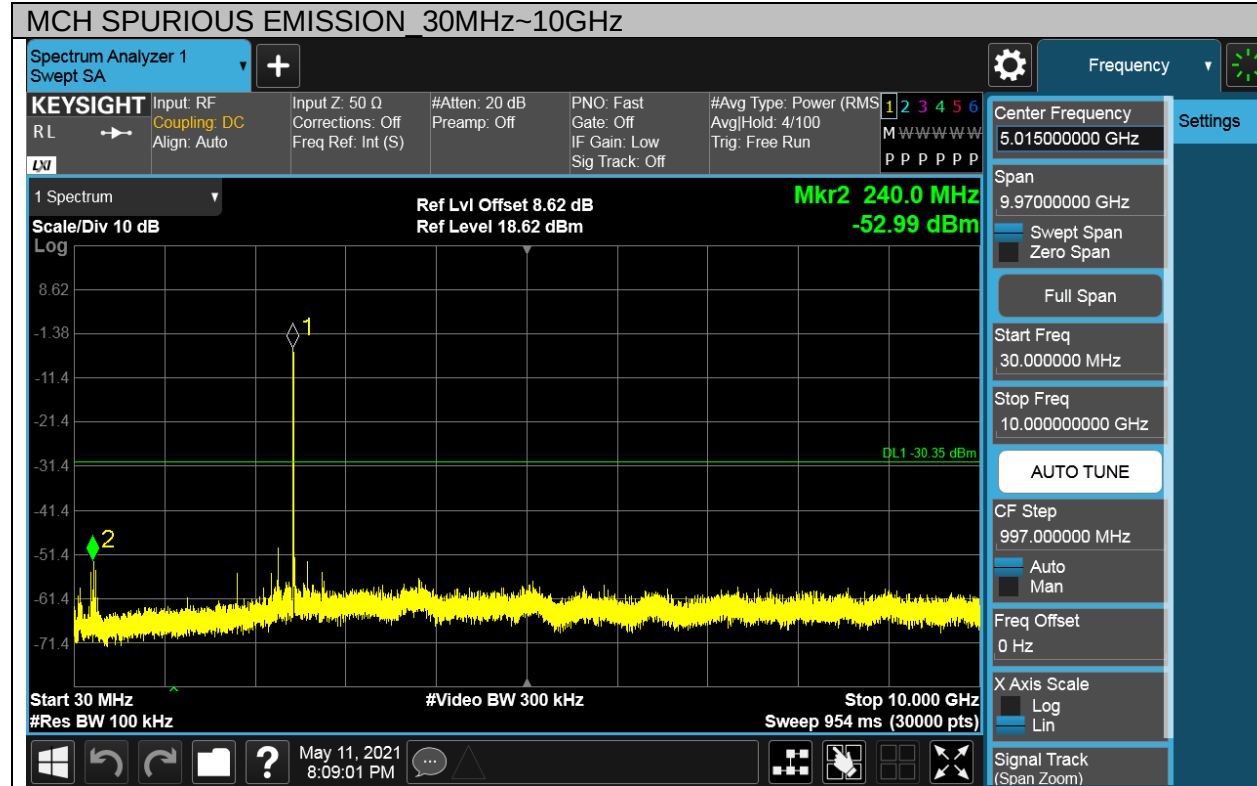
Test Mode	Channel	Verdict
11N HT20	MCH	PASS

Pref test Plot





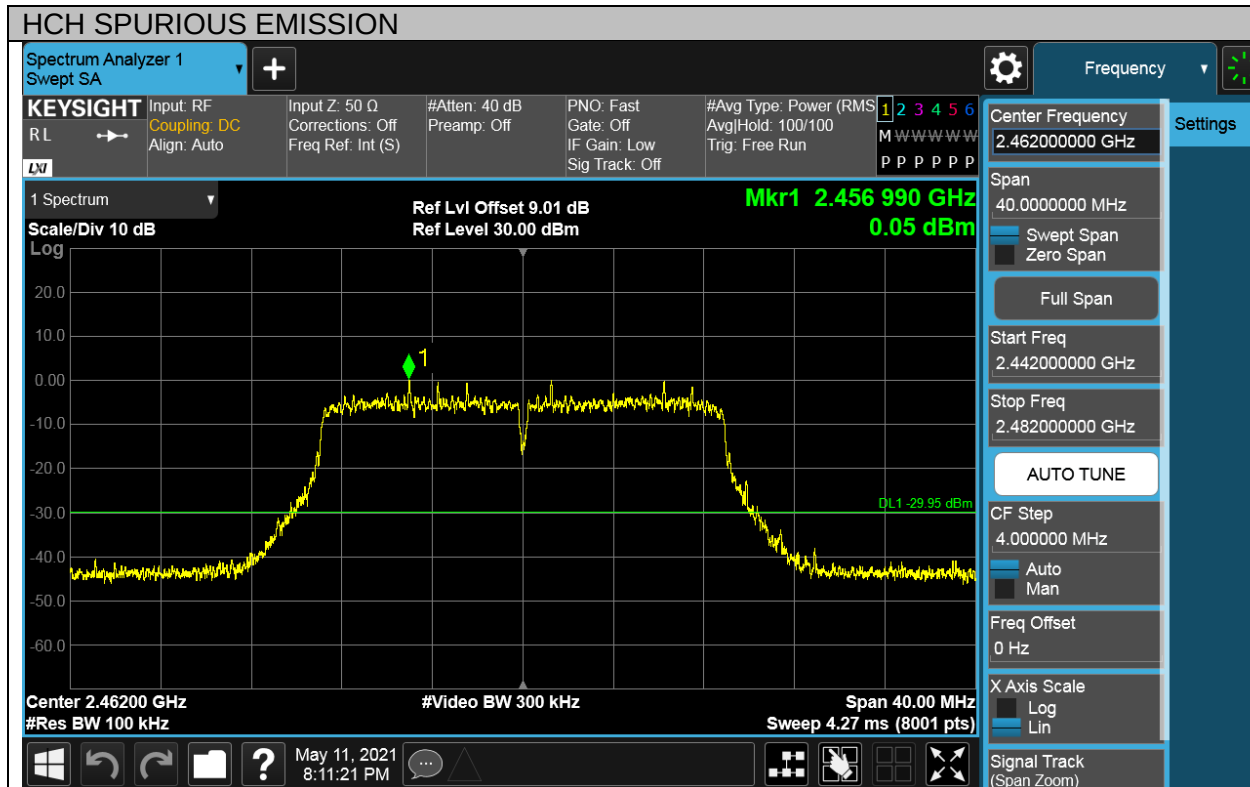
Puw test Plot





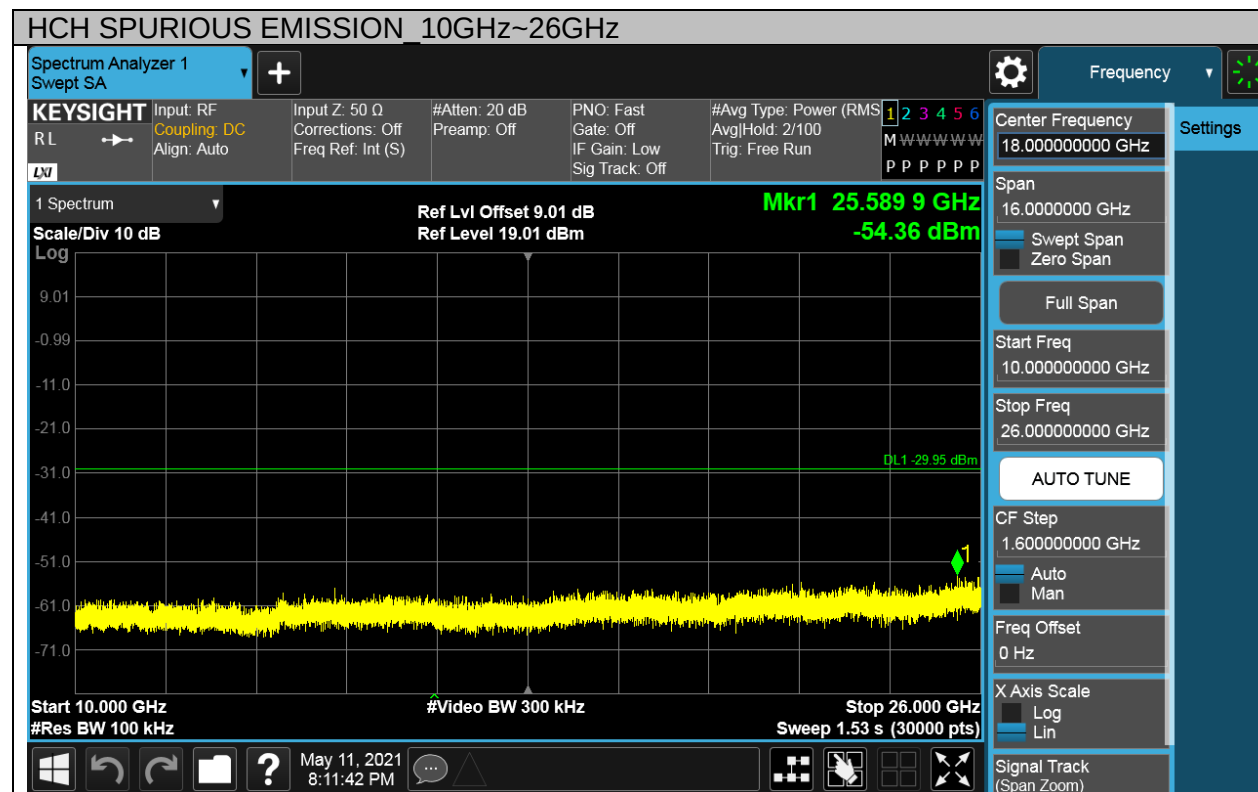
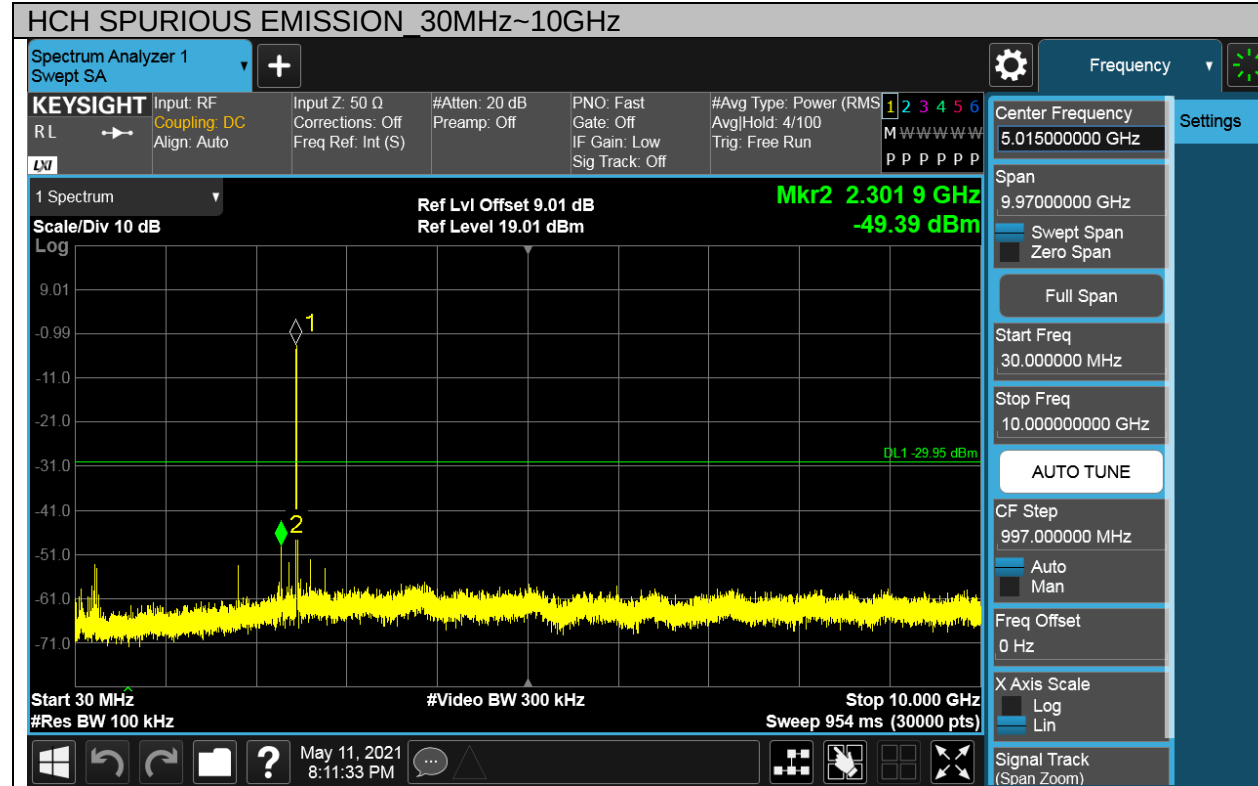
Test Mode	Channel	Verdict
11N HT20	HCH	PASS

Pref test Plot





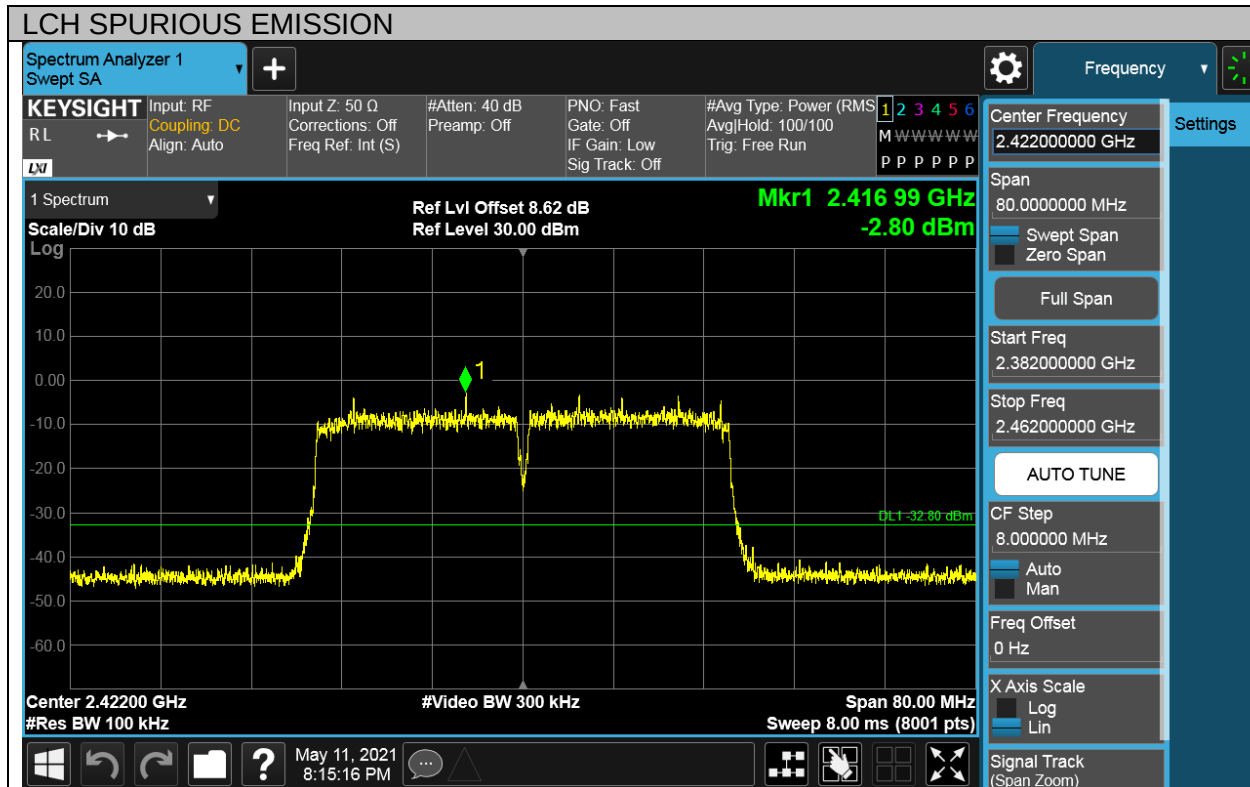
Puw test Plot





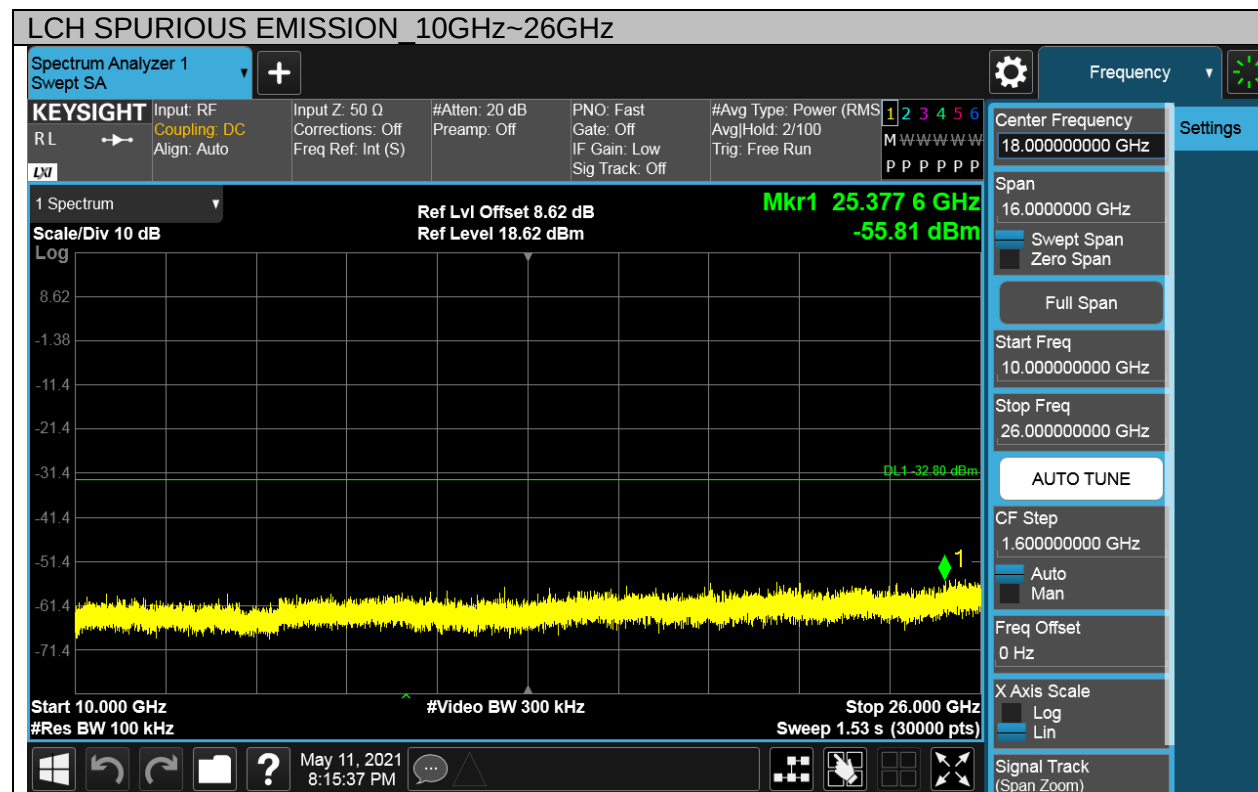
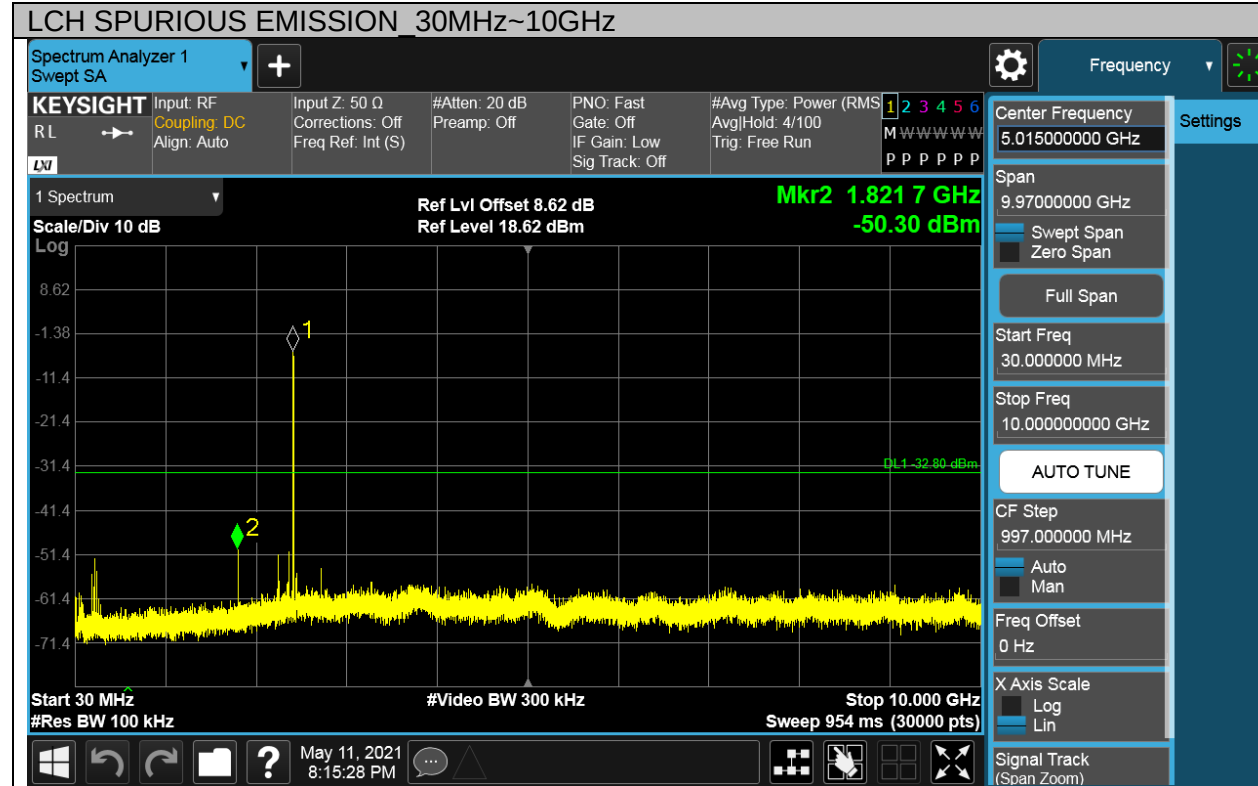
Test Mode	Channel	Verdict
11N HT40	LCH	PASS

Pref test Plot





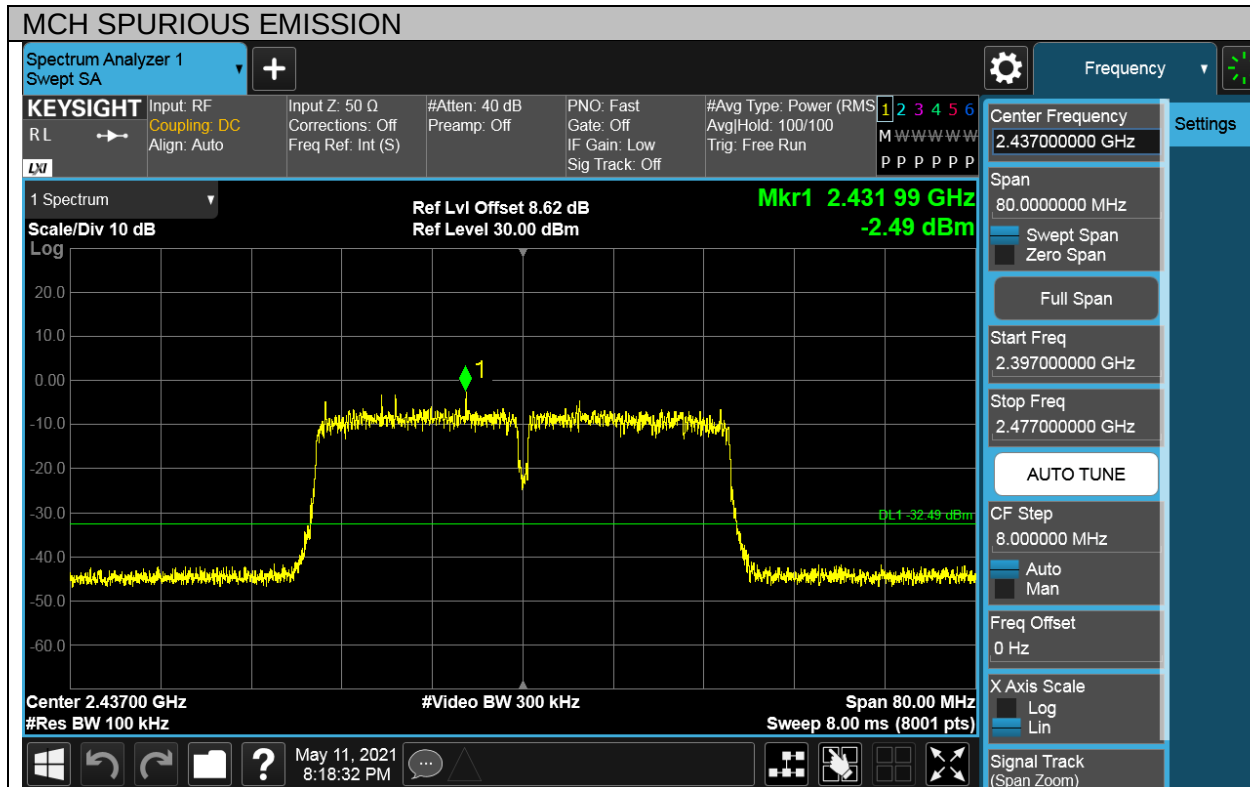
Puw test Plot





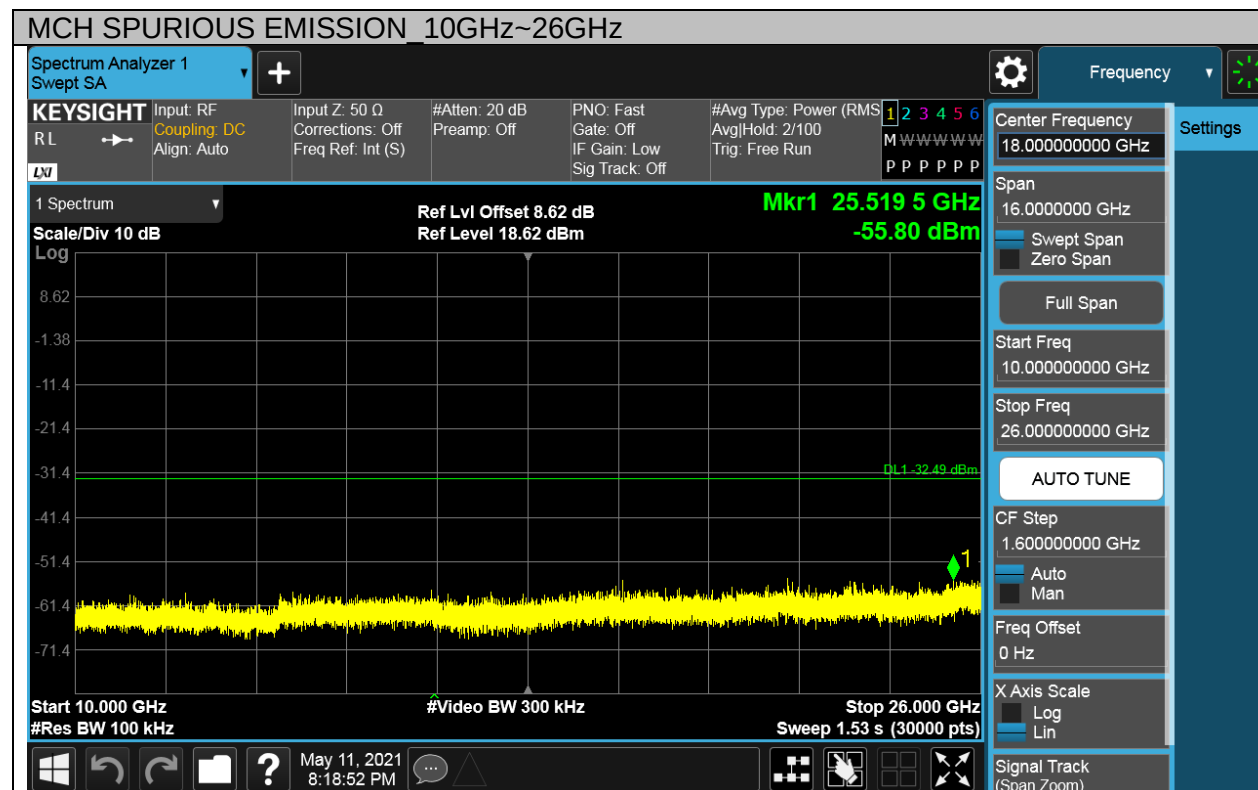
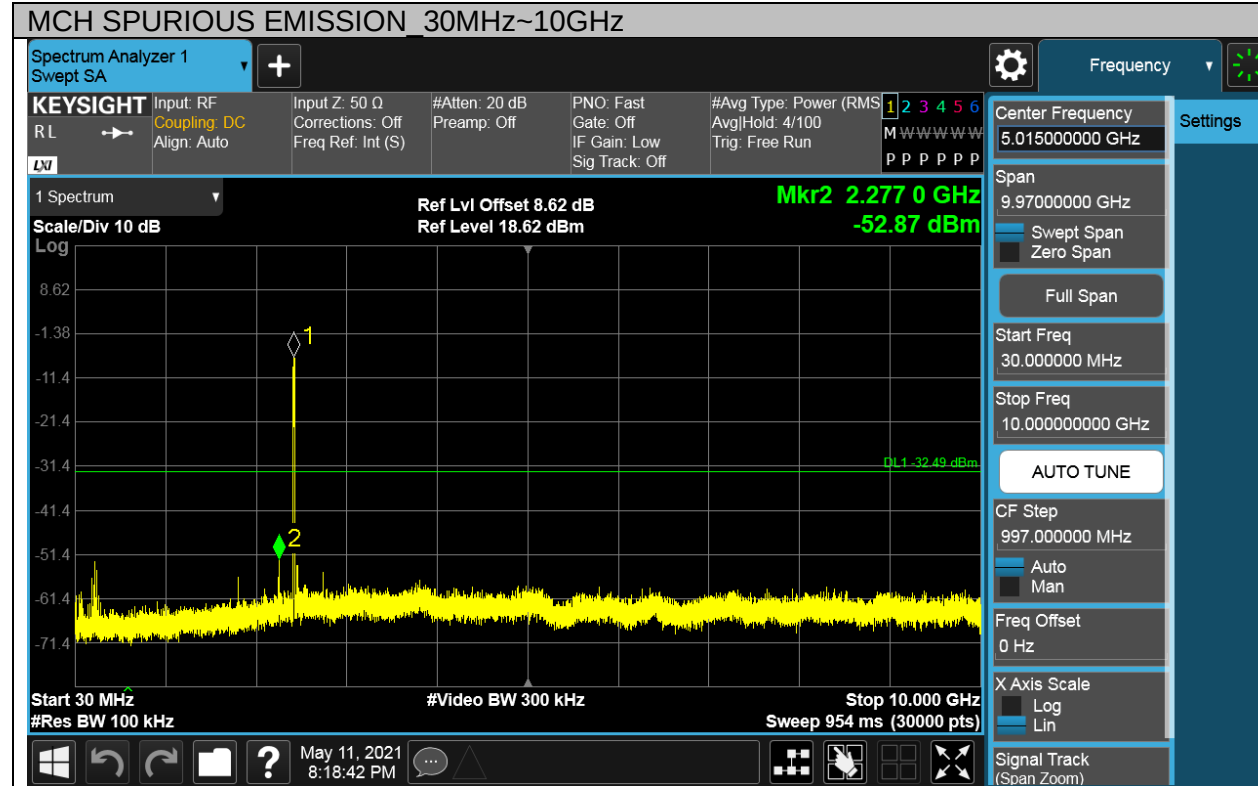
Test Mode	Channel	Verdict
11N HT40	MCH	PASS

Pref test Plot





Puw test Plot





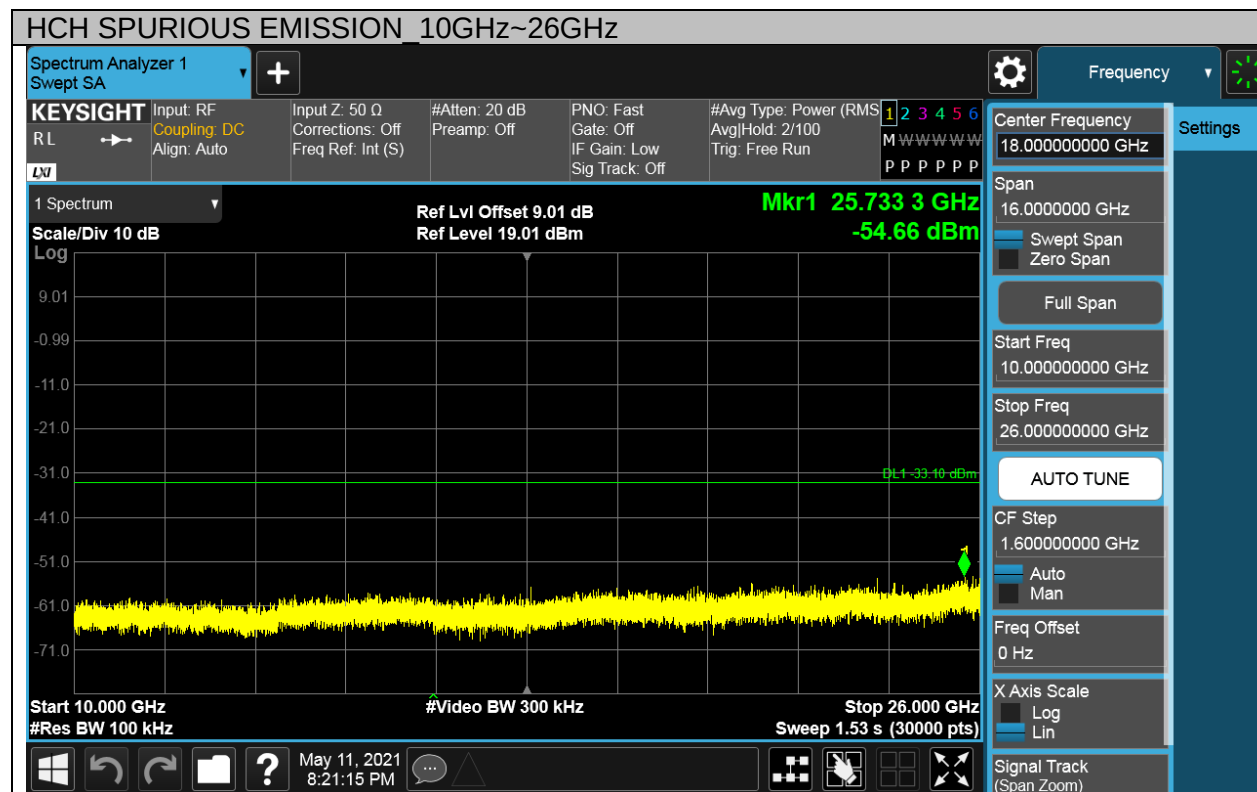
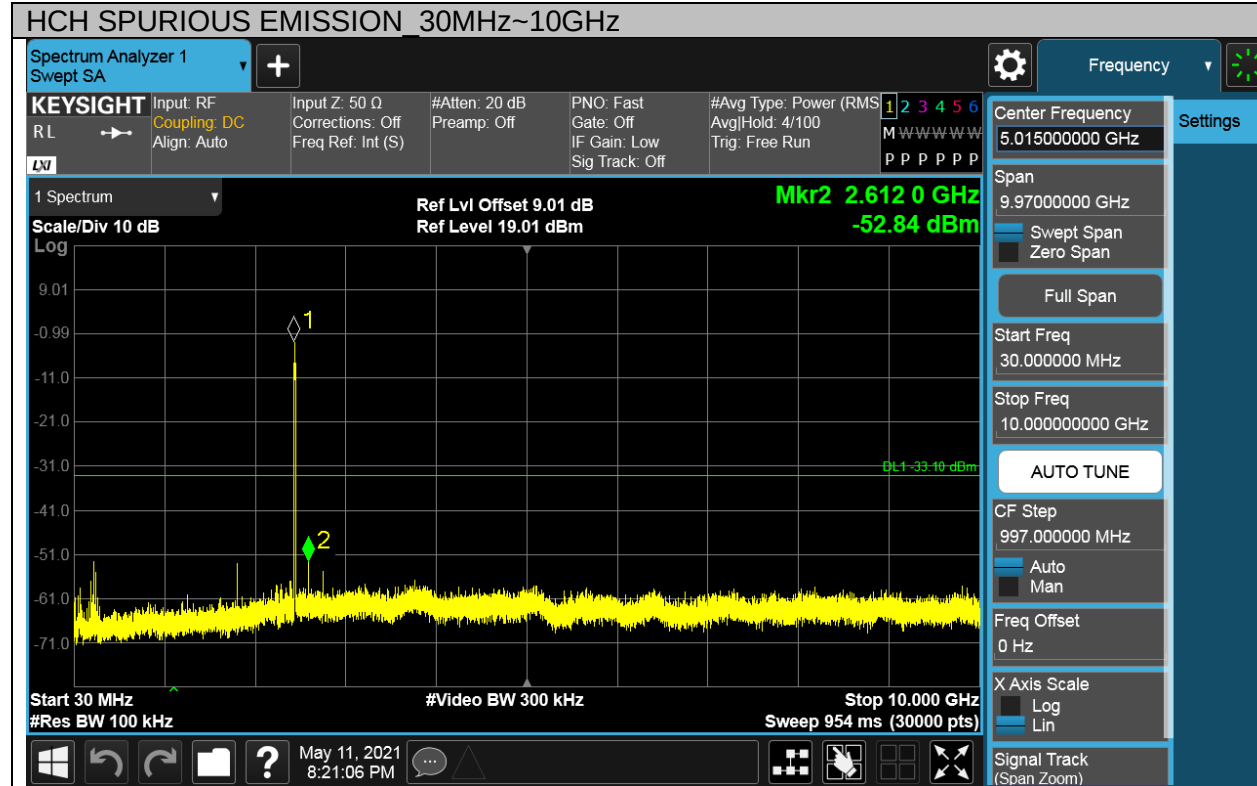
Test Mode	Channel	Verdict
11N HT40	HCH	PASS

Pref test Plot





Puw test Plot

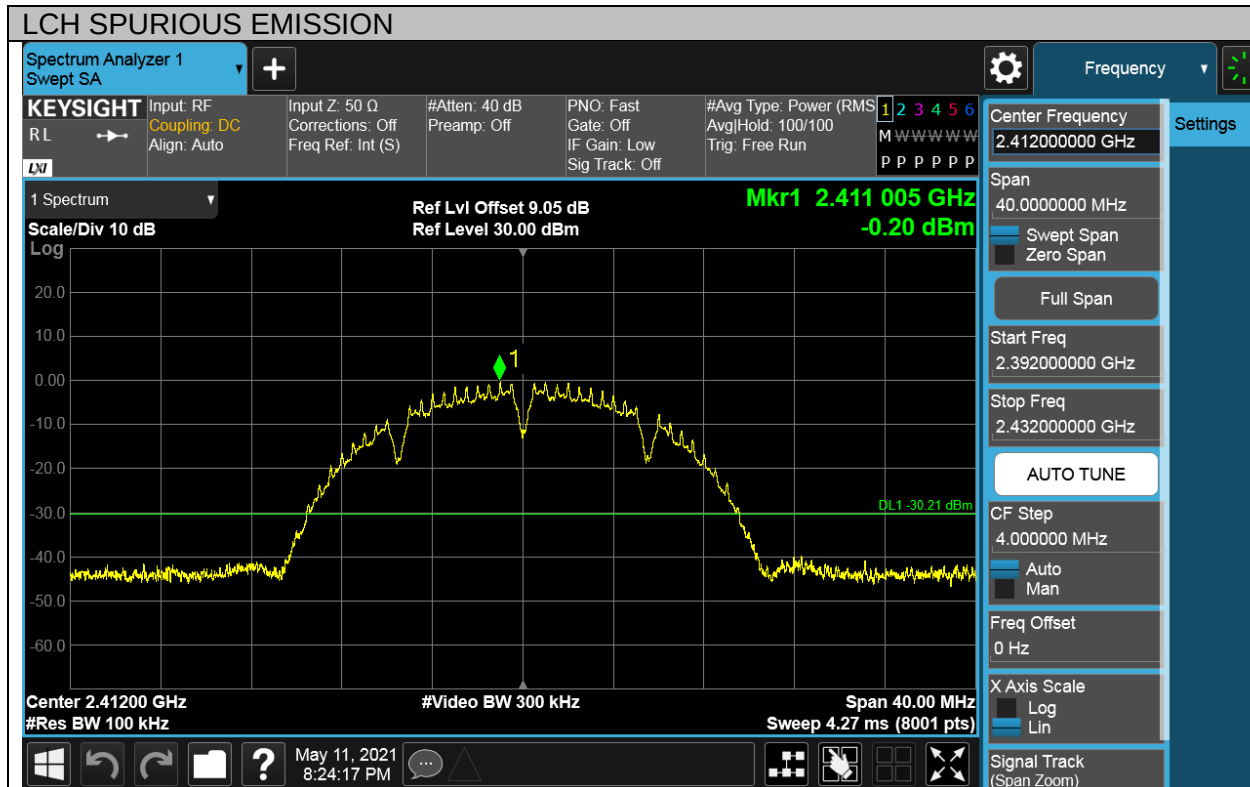




Antenna 2 Part:

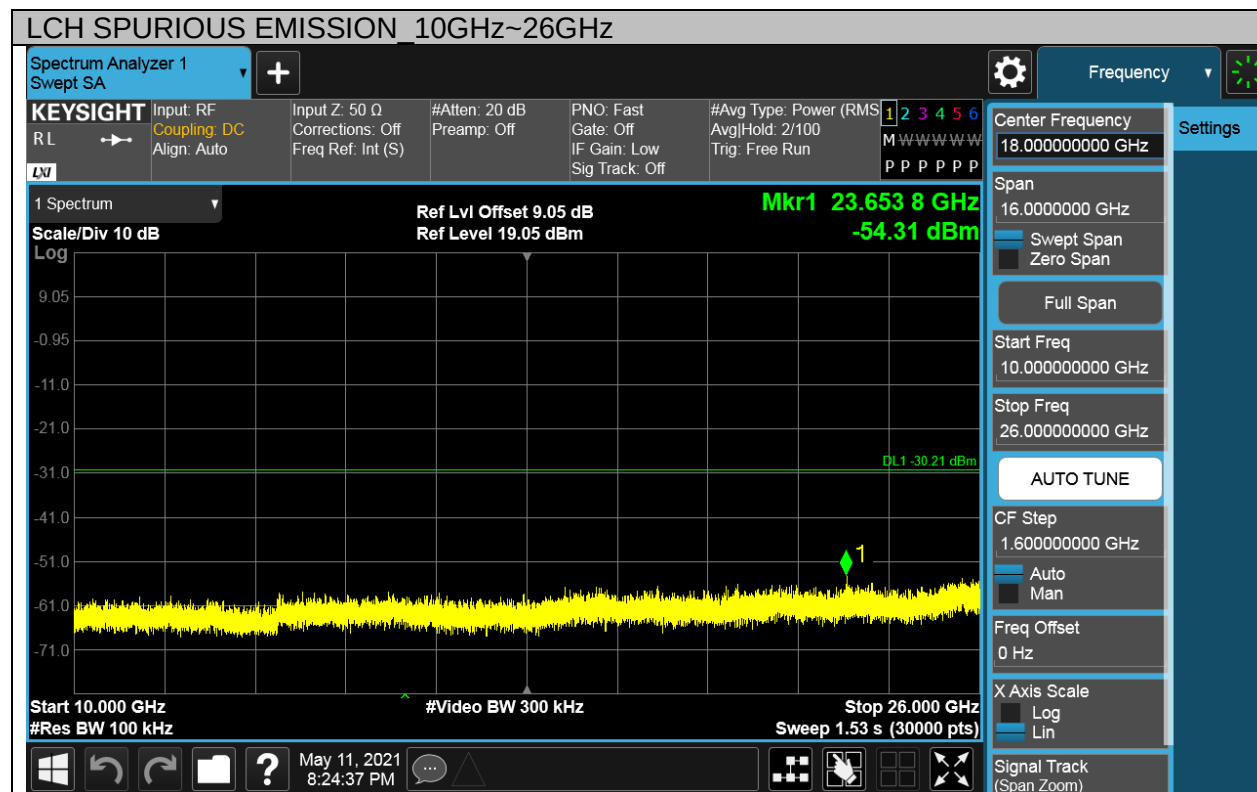
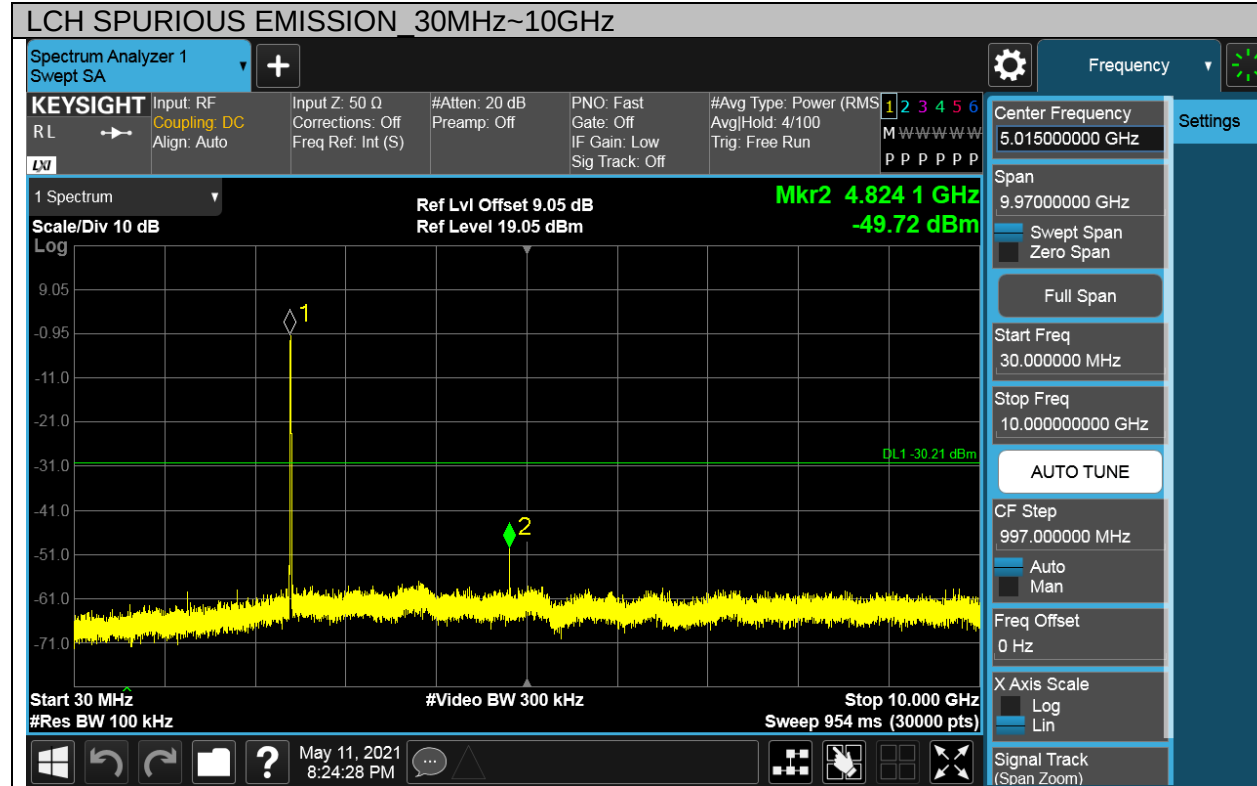
Test Mode	Channel	Verdict
11B	LCH	PASS

Pref test Plot





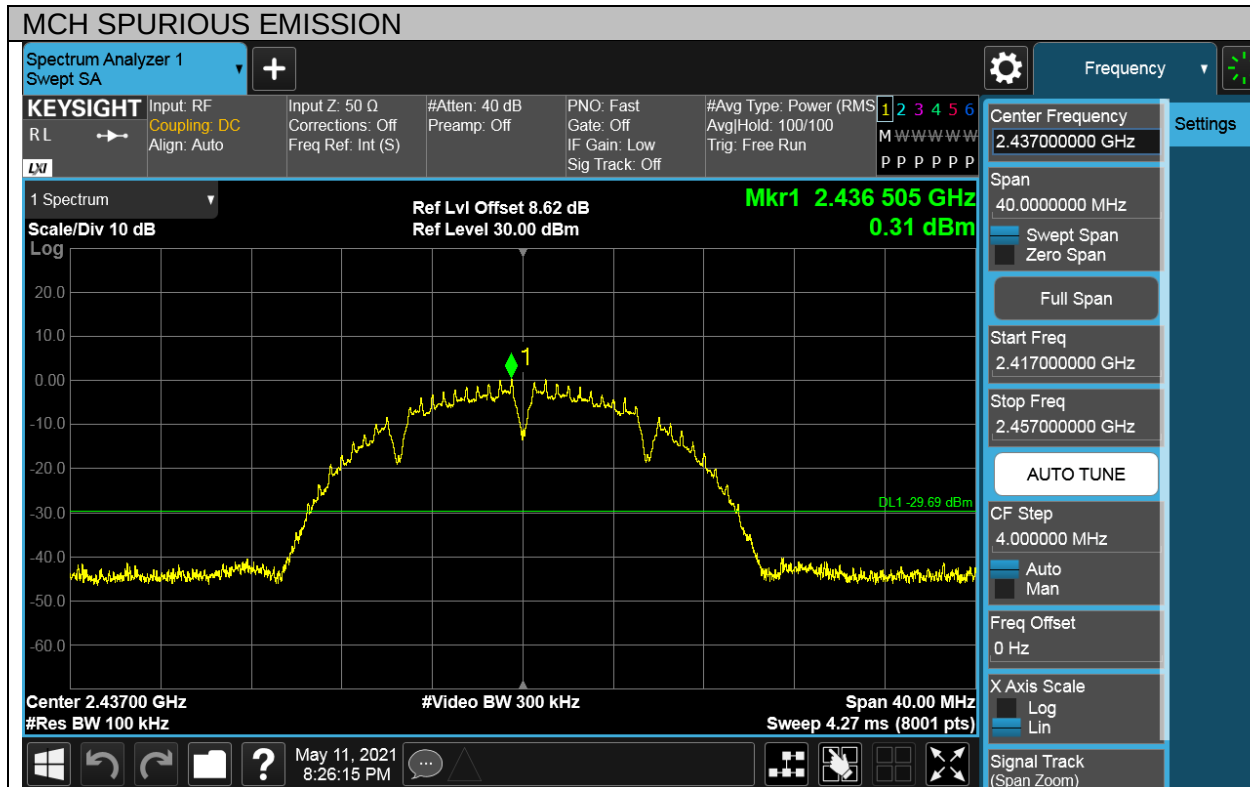
Puw test Plot





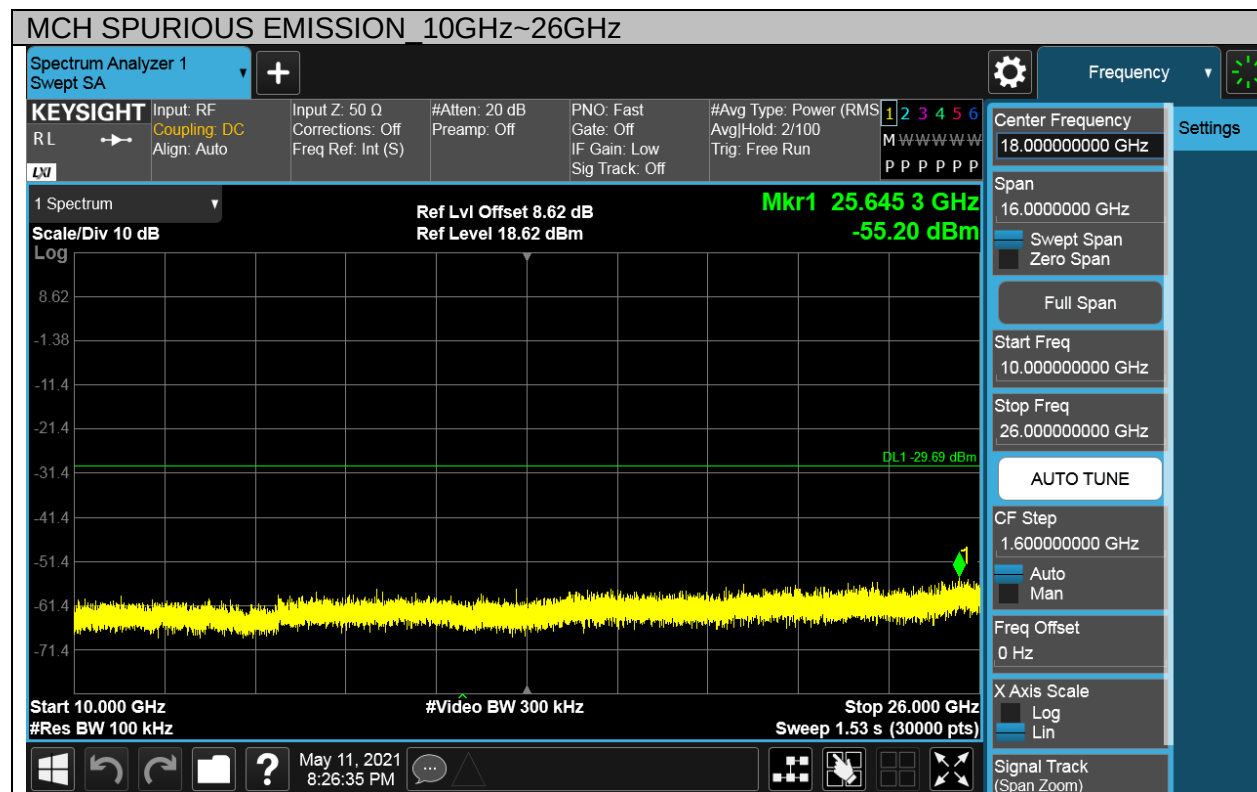
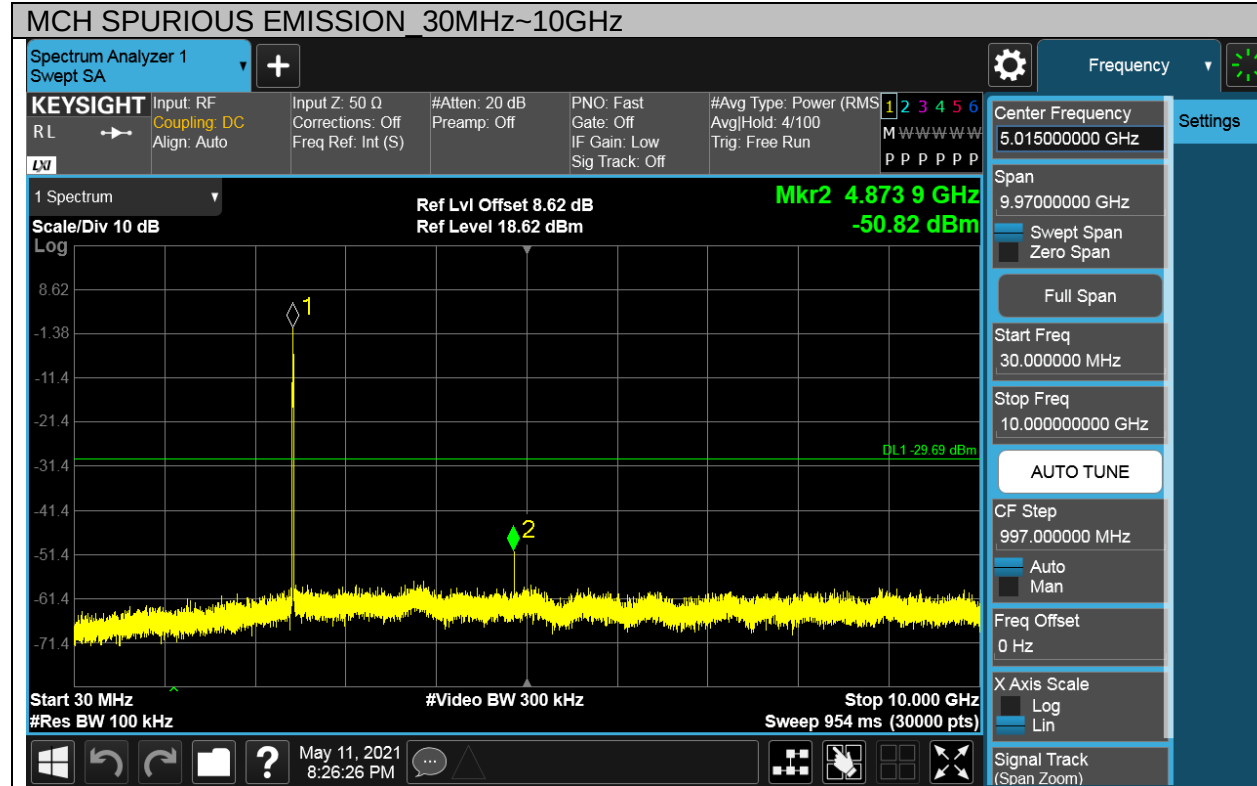
Test Mode	Channel	Verdict
11B	MCH	PASS

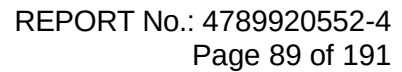
Pref test Plot





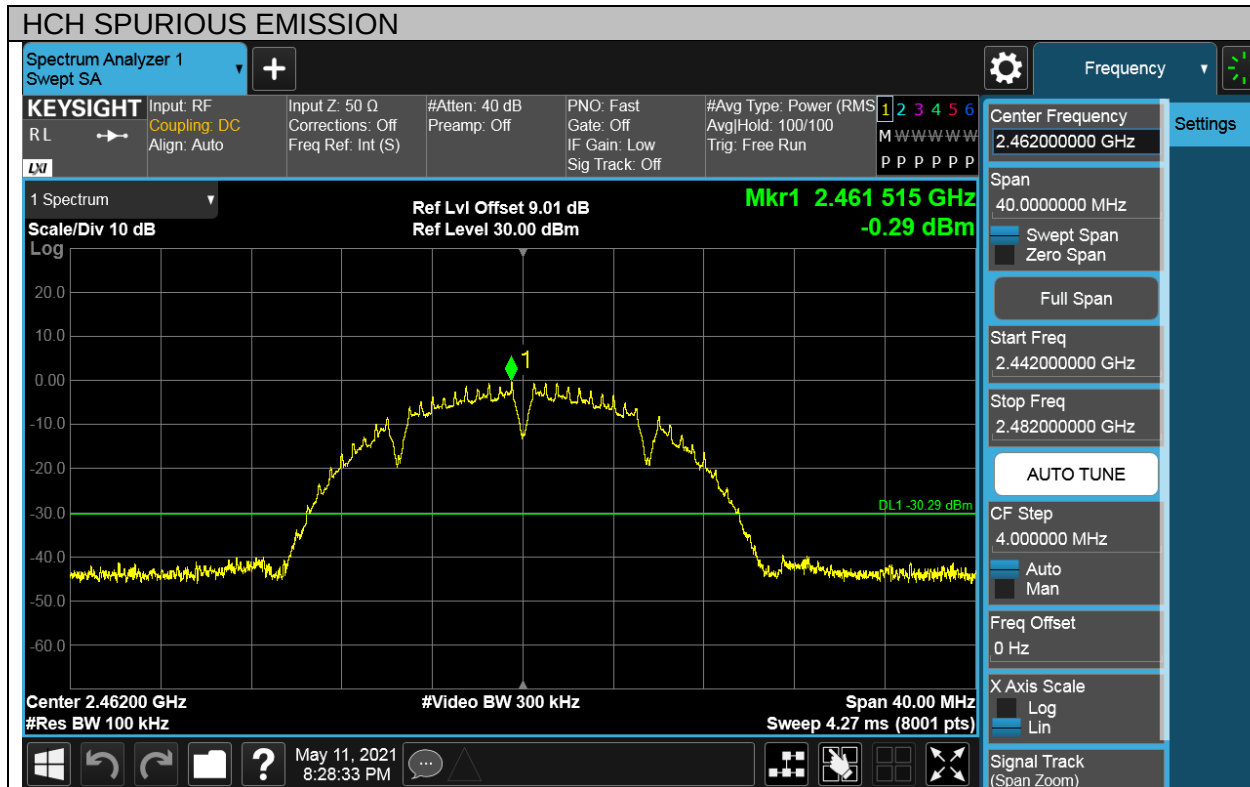
Puw test Plot





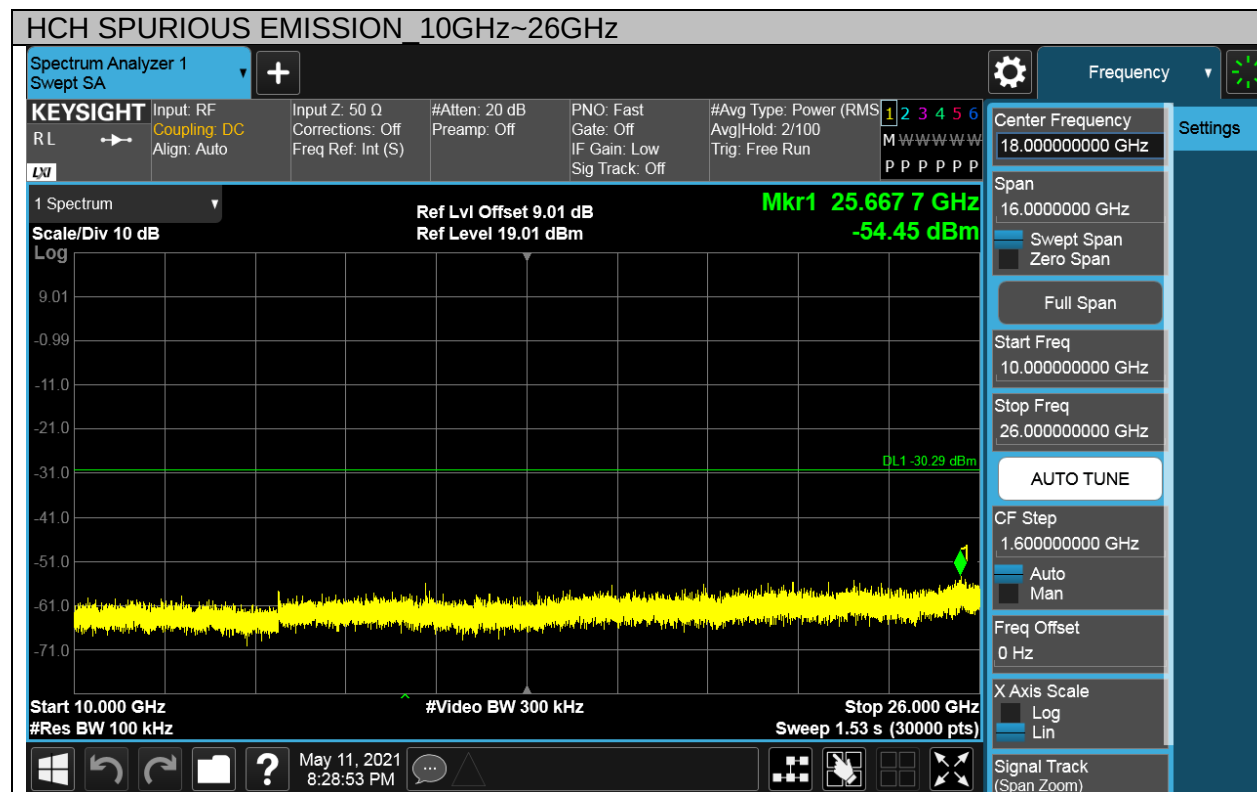
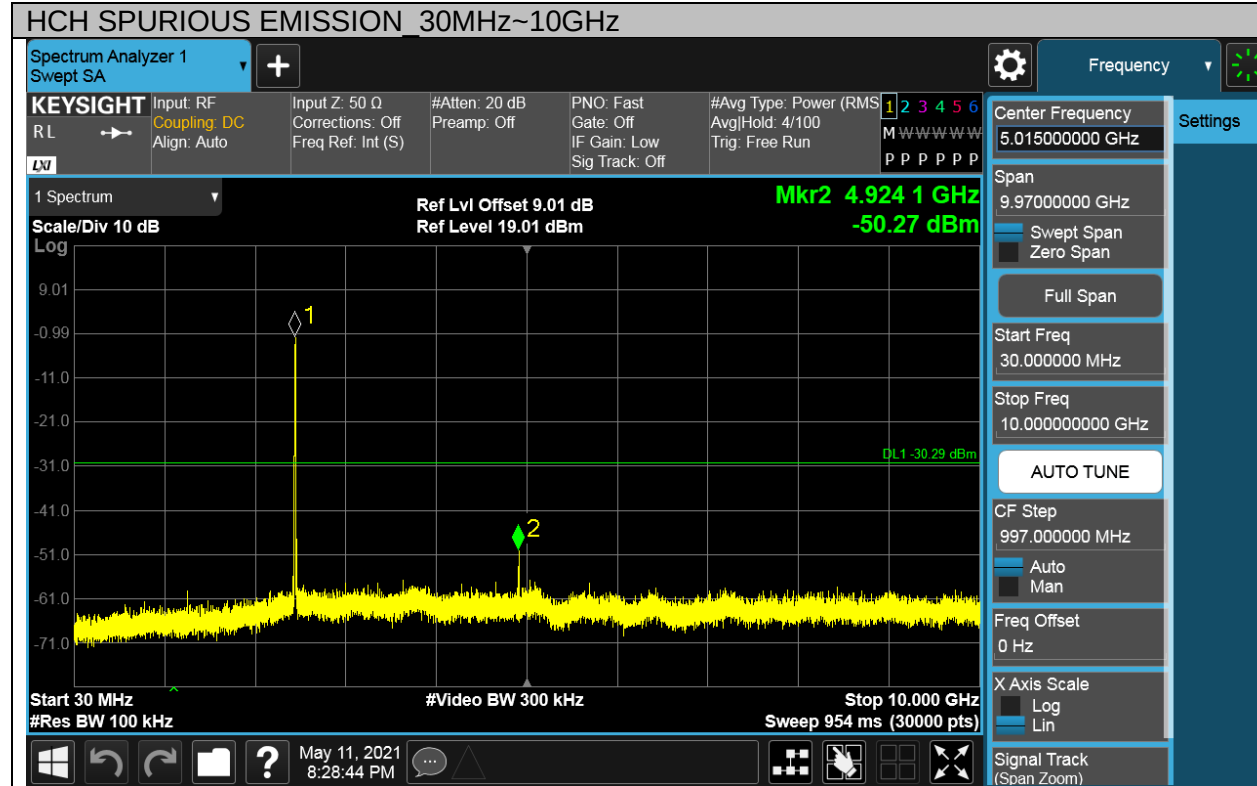
Test Mode	Channel	Verdict
11B	HCH	PASS

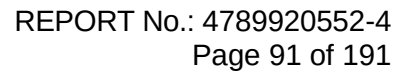
Pref test Plot





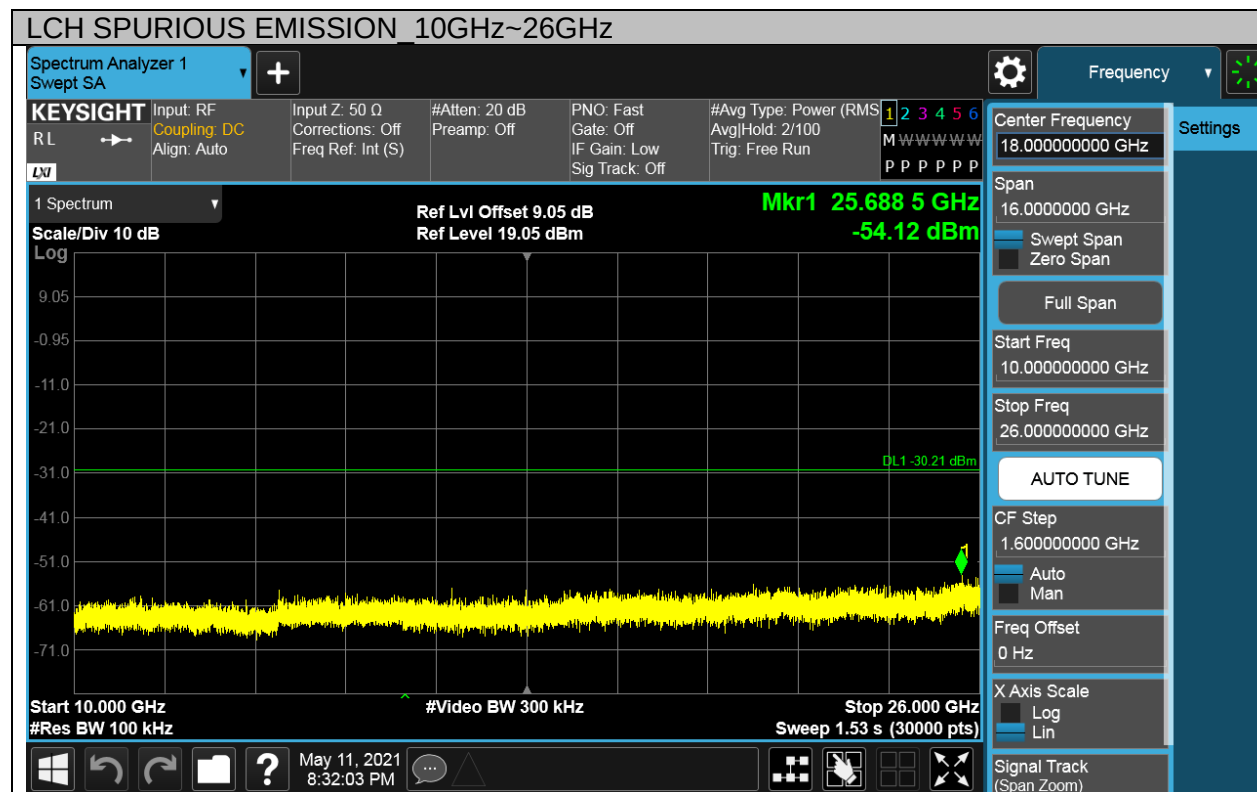
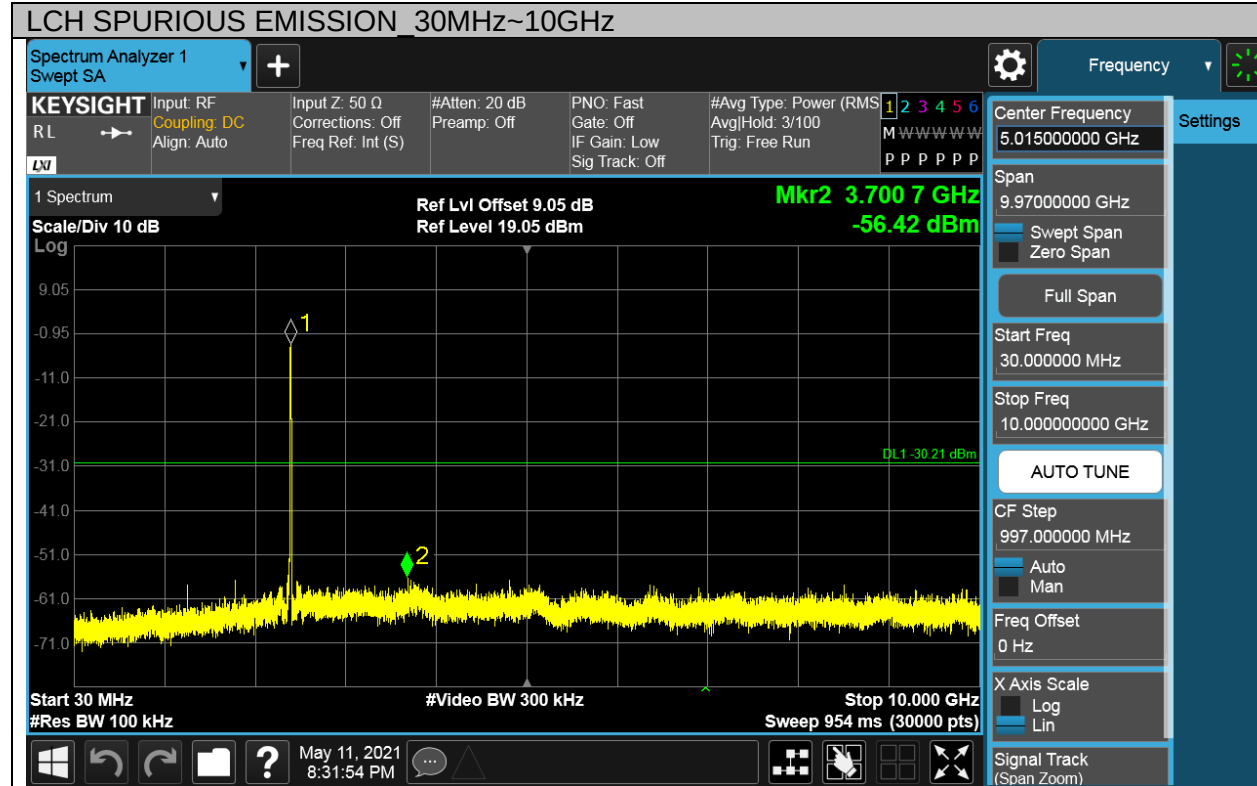
Puw test Plot





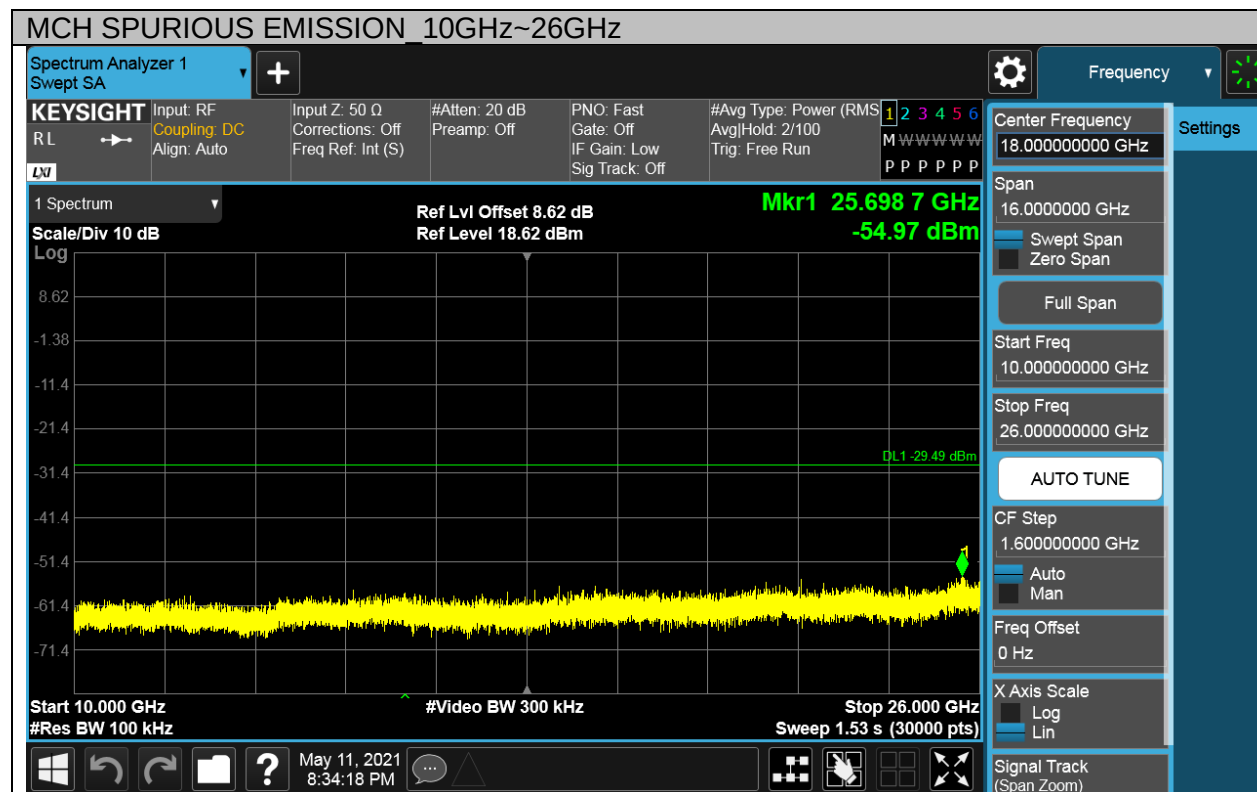
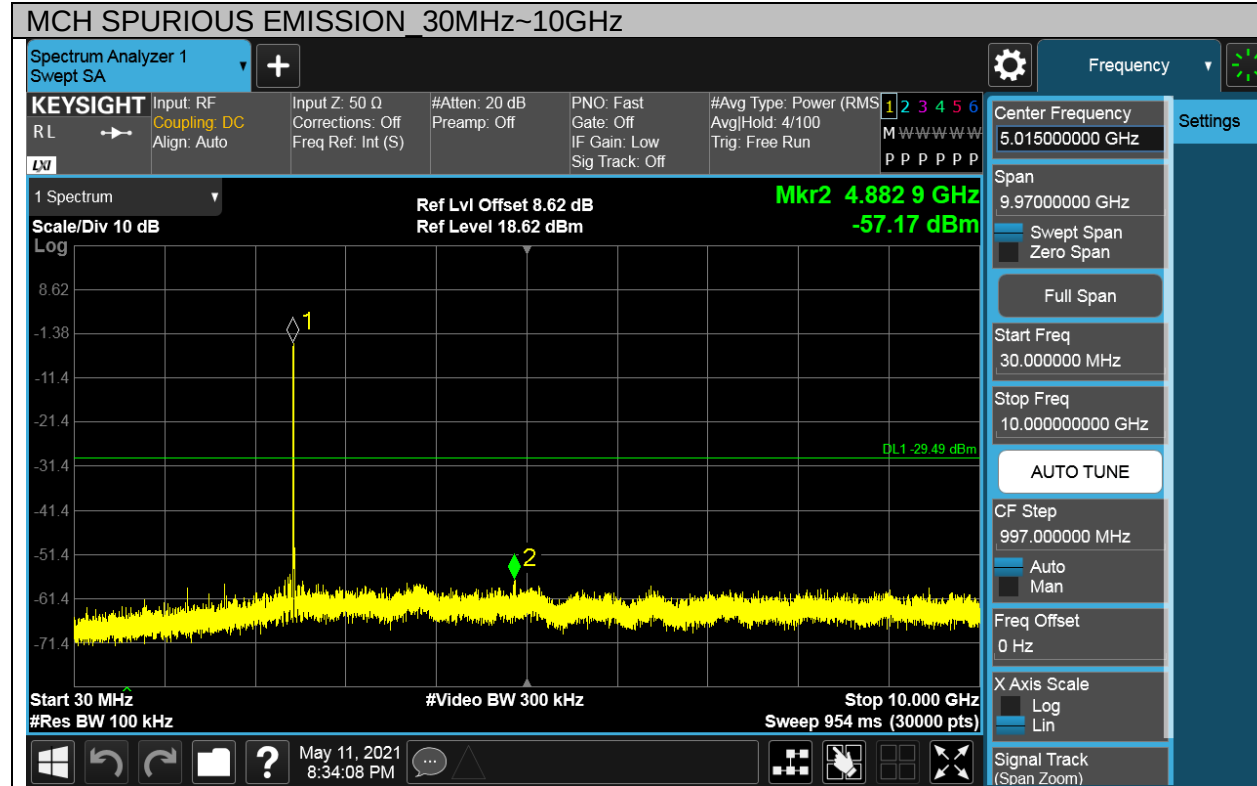


Puw test Plot





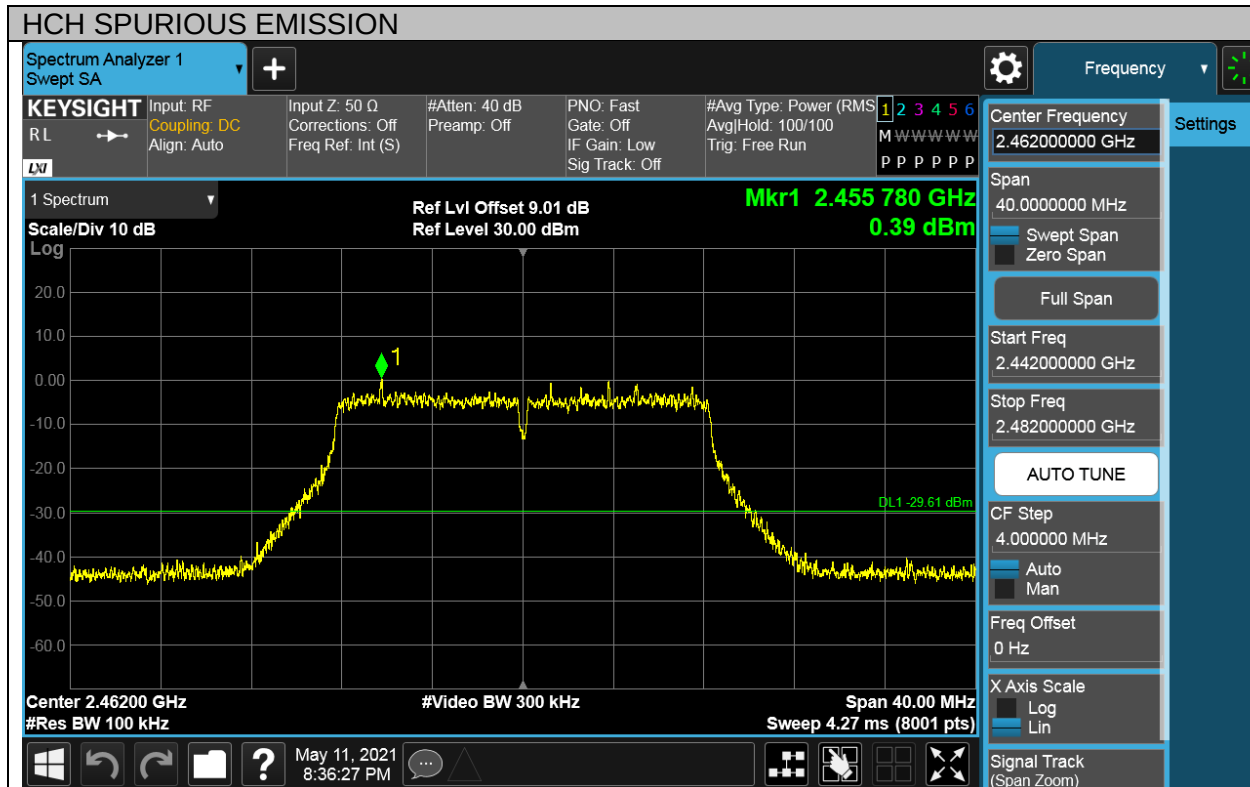
Puw test Plot





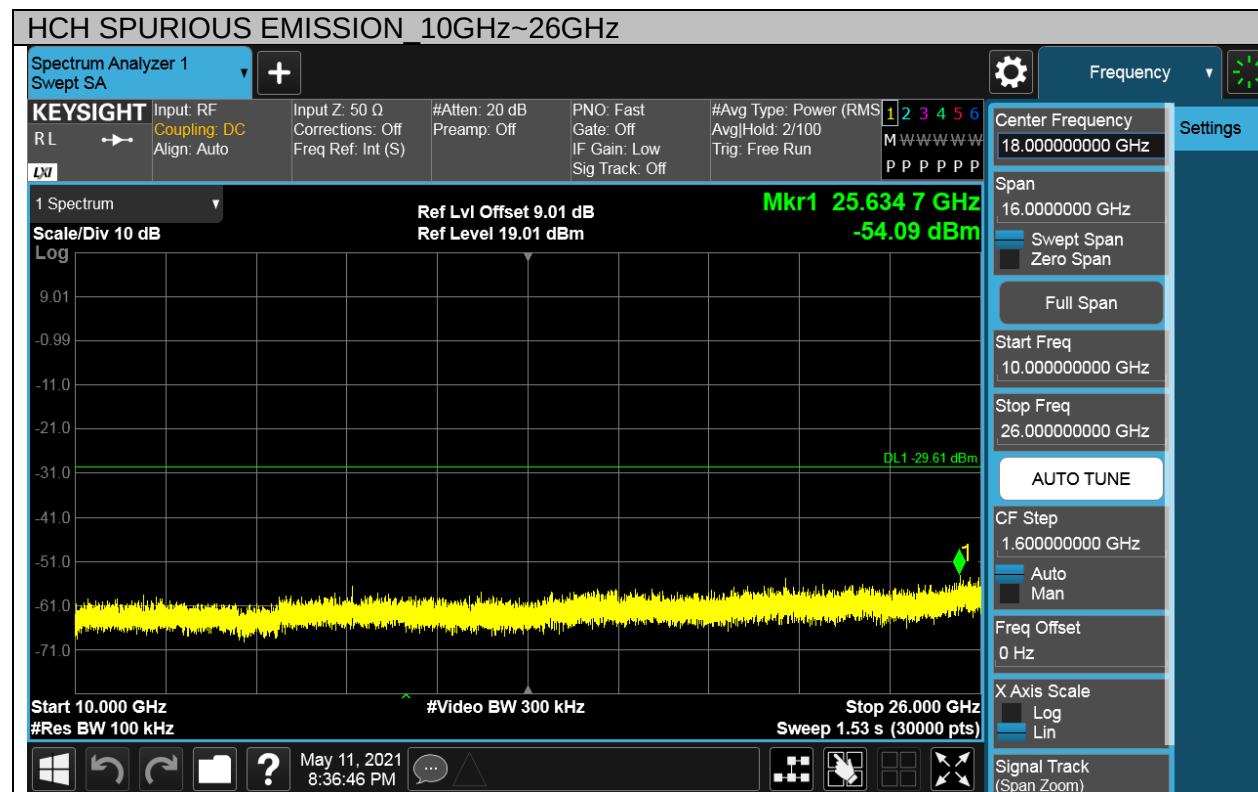
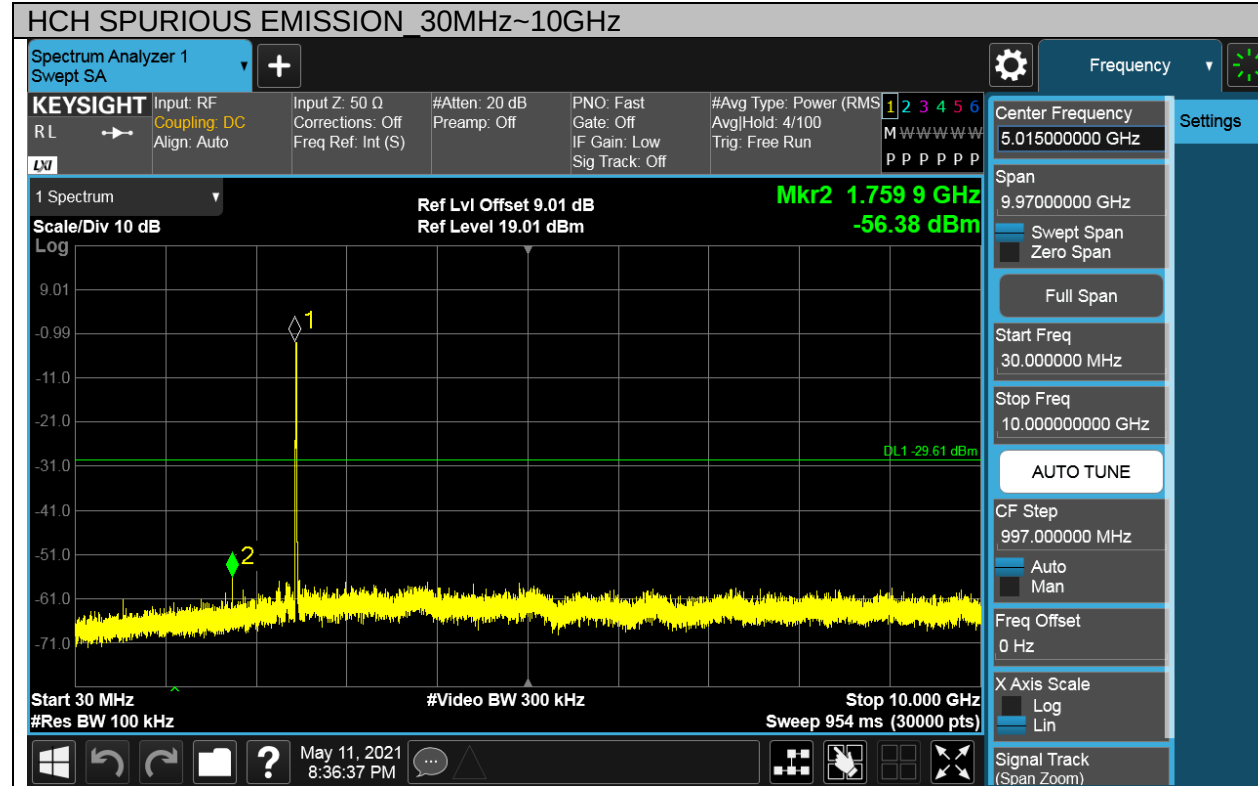
Test Mode	Channel	Verdict
11G	HCH	PASS

Pref test Plot





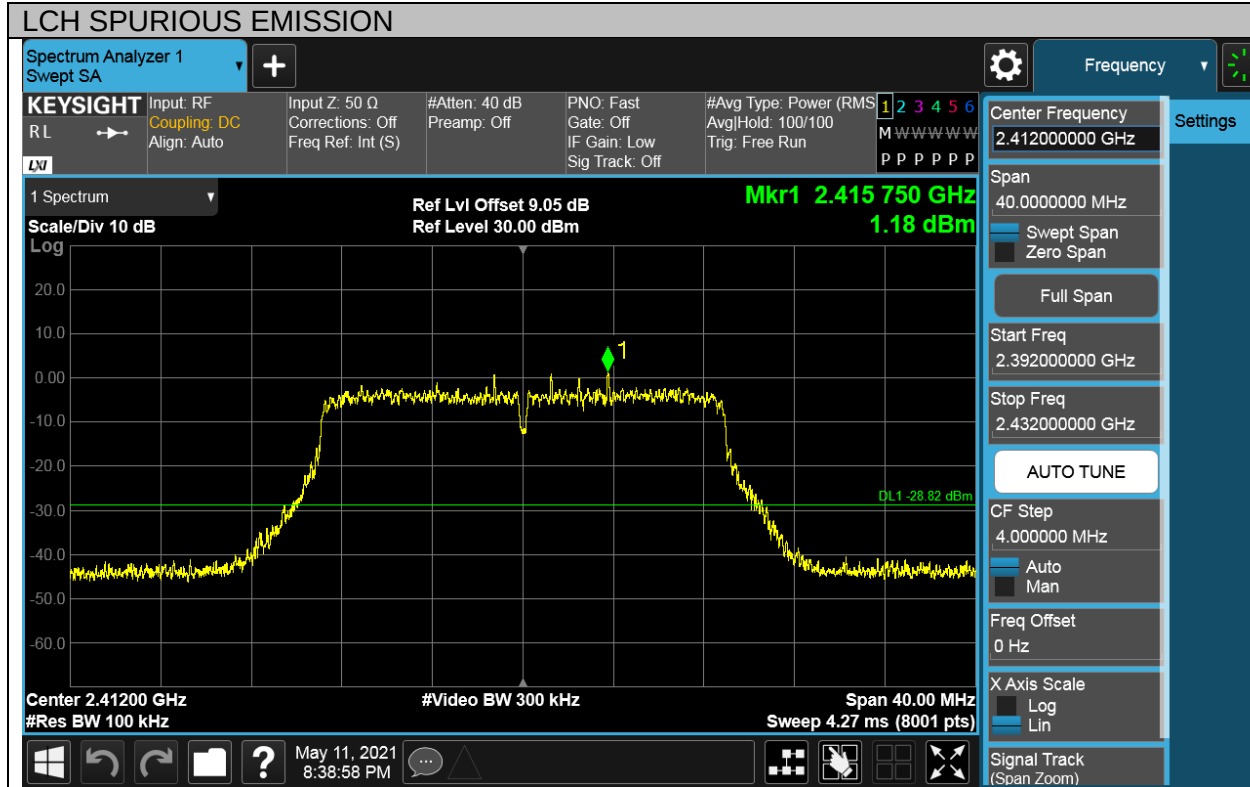
Puw test Plot





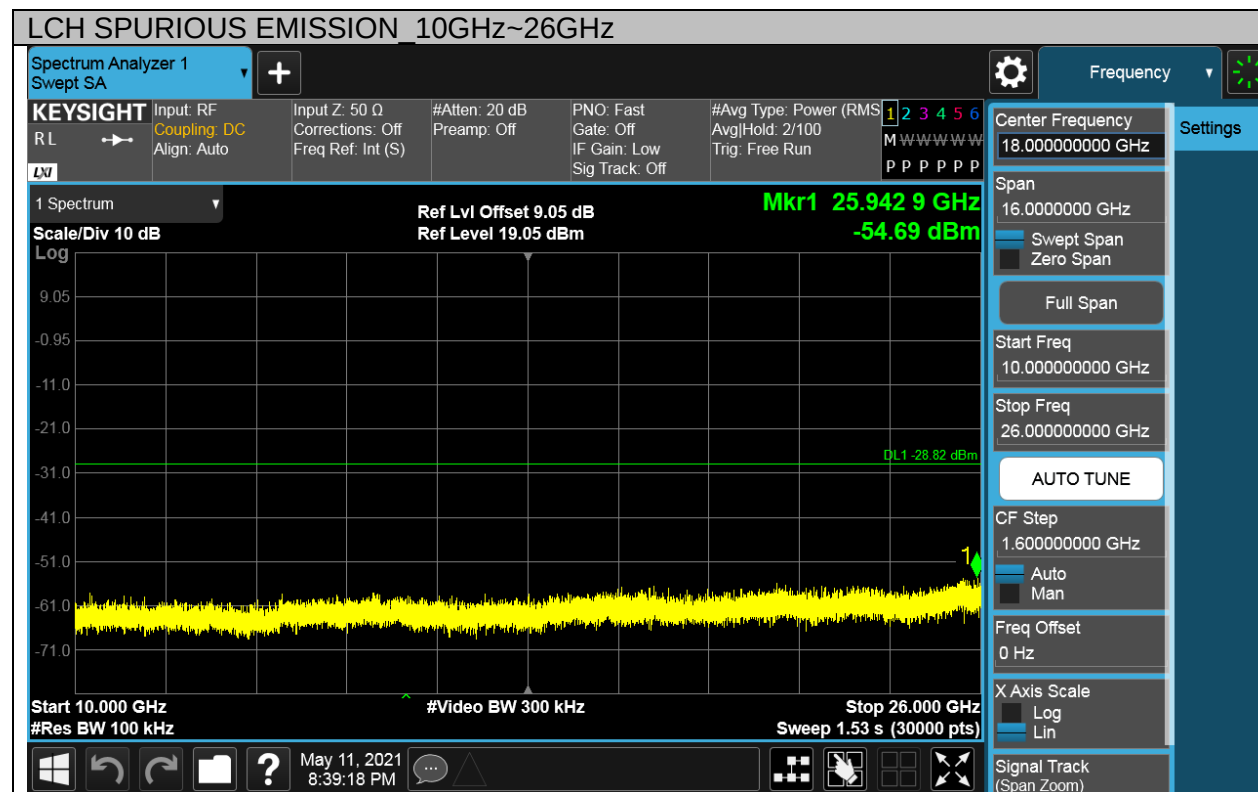
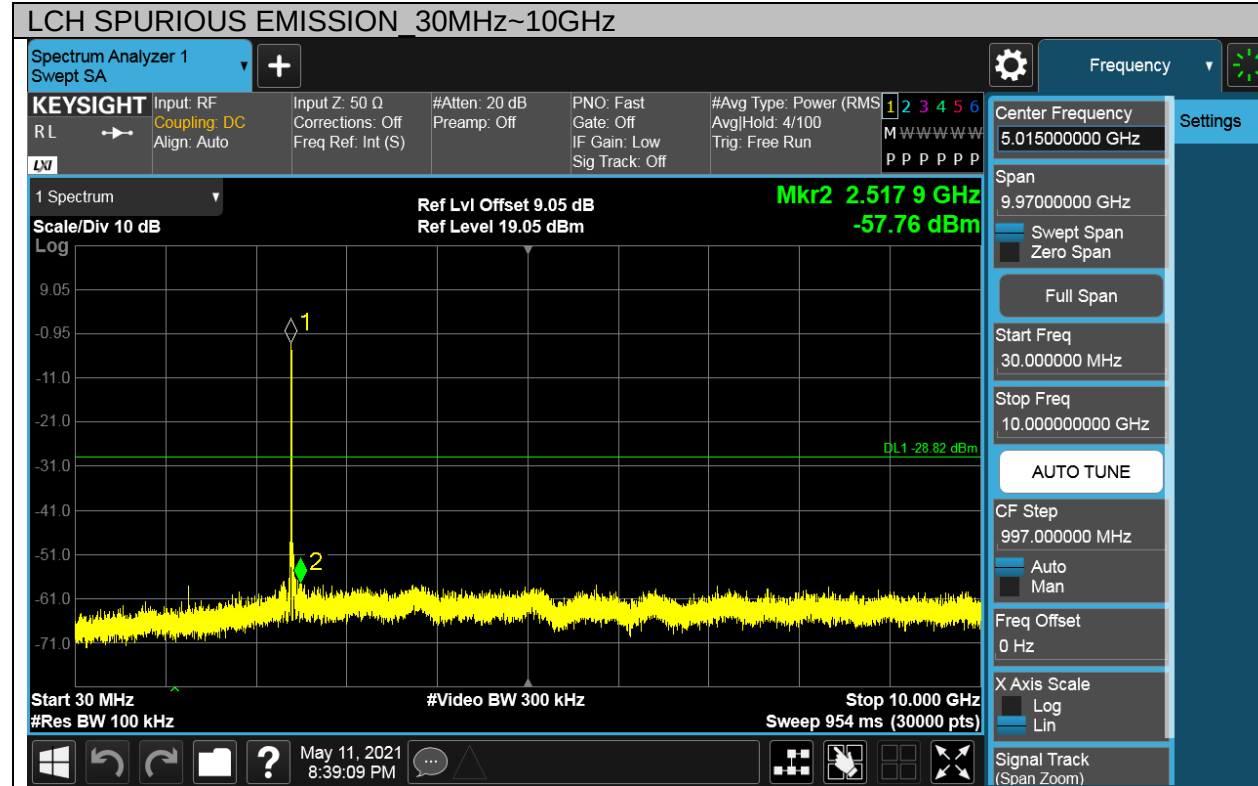
Test Mode	Channel	Verdict
11N HT20 MIMO	LCH	PASS

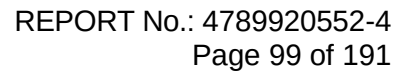
Pref test Plot





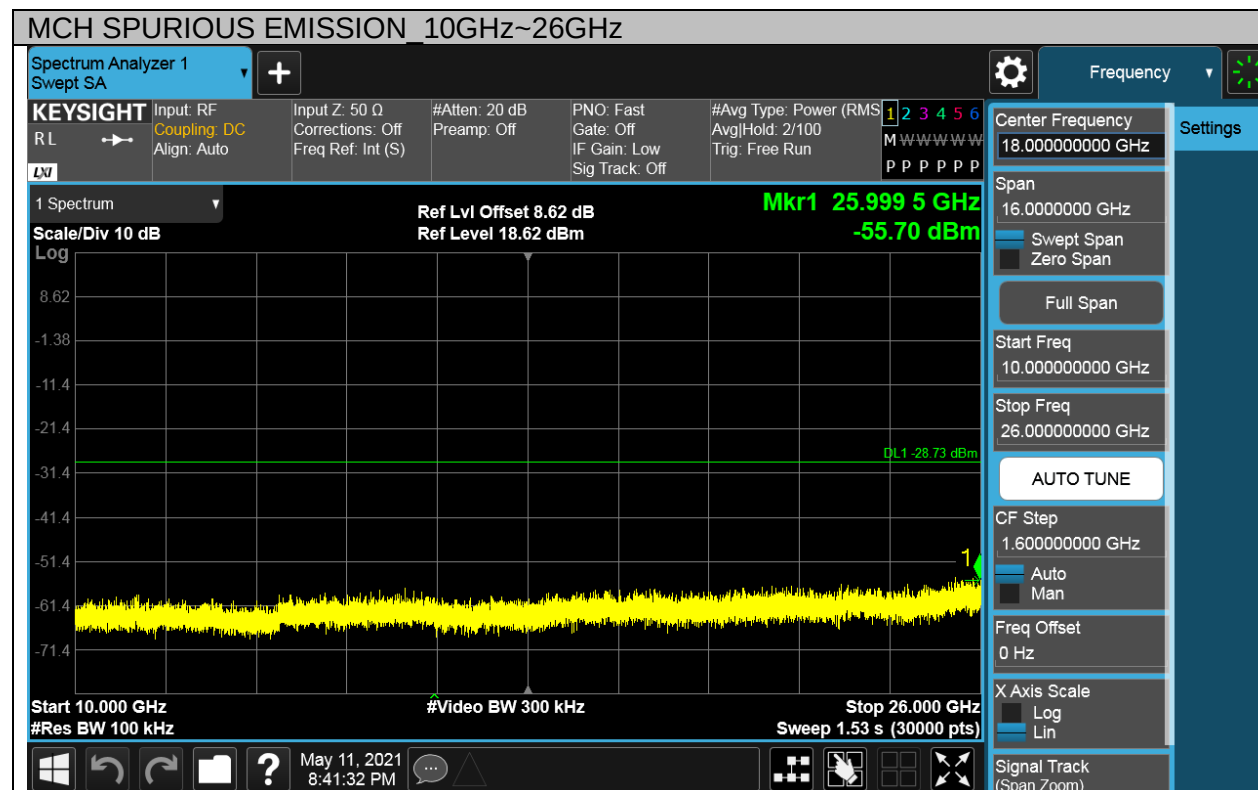
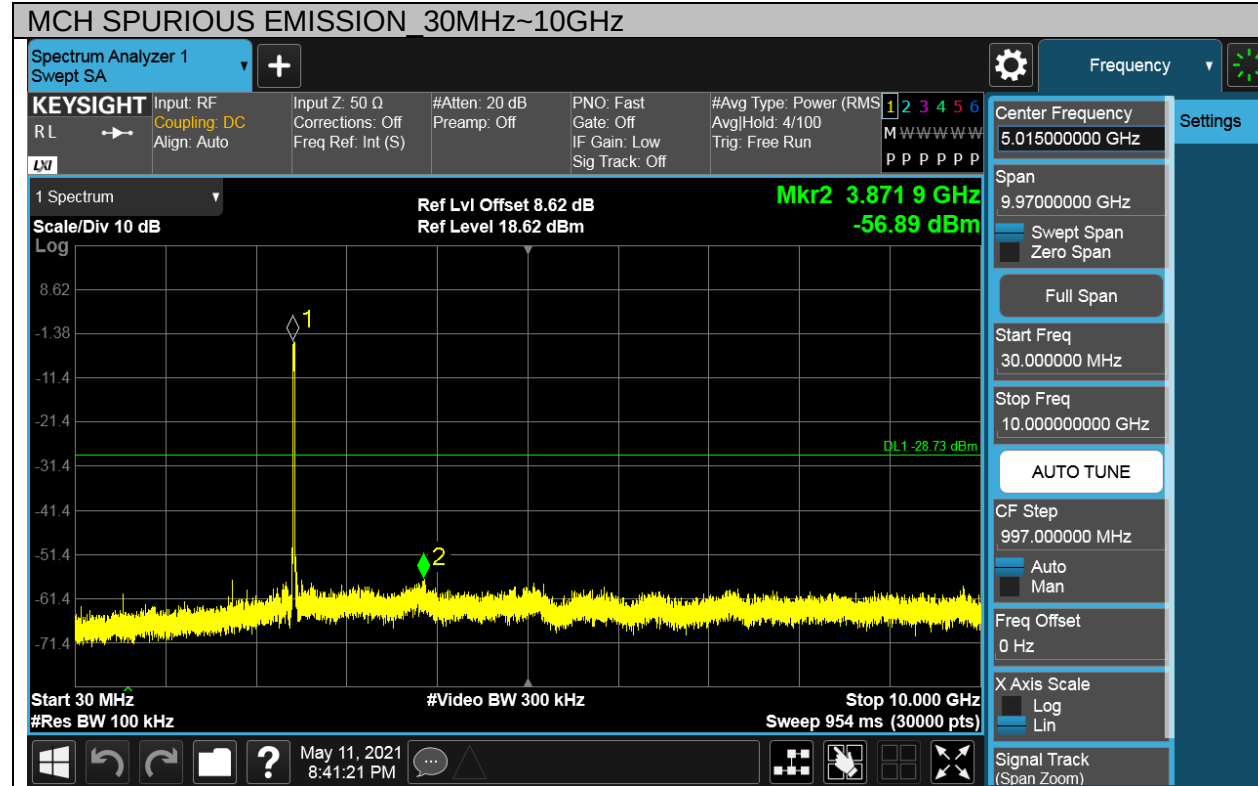
Puw test Plot







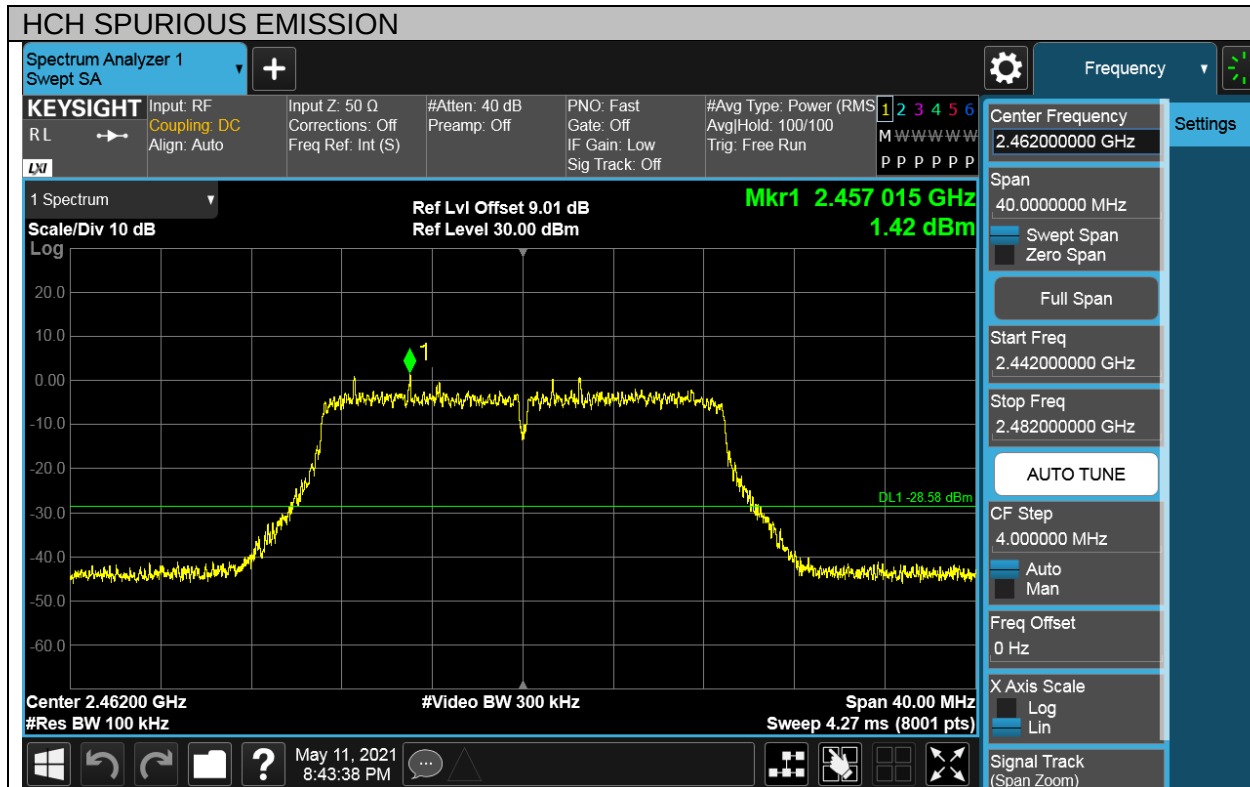
Puw test Plot

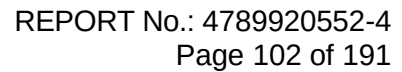




Test Mode	Channel	Verdict
11N HT20 MIMO	HCH	PASS

Pref test Plot





HIGH SPURIOUS EMISSION 30MHz~10GHz

Spectrum Analyzer 1
Swept SA

KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Atten: 20 dB Preamp: Off PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg|Hold: 4/100 Trig: Free Run

1 2 3 4 5 6
M WWWWWW
P P P P P P

Center Frequency
5.015000000 GHz

Span
9.97000000 GHz

Swept Span
Zero Span

Full Span

Start Freq
30.000000 MHz

Stop Freq
10.000000000 GHz

AUTO TUNE

CF Step
997.000000 MHz

Auto
Man

Freq Offset
0 Hz

X Axis Scale
Log
Lin

Signal Track
(Span Zoom)

1 Spectrum
Scale/Div 10 dB
Log

Ref Lvl Offset 9.01 dB
Ref Level 19.01 dBm

Mkr2 4.931 1 GHz
-55.09 dBm

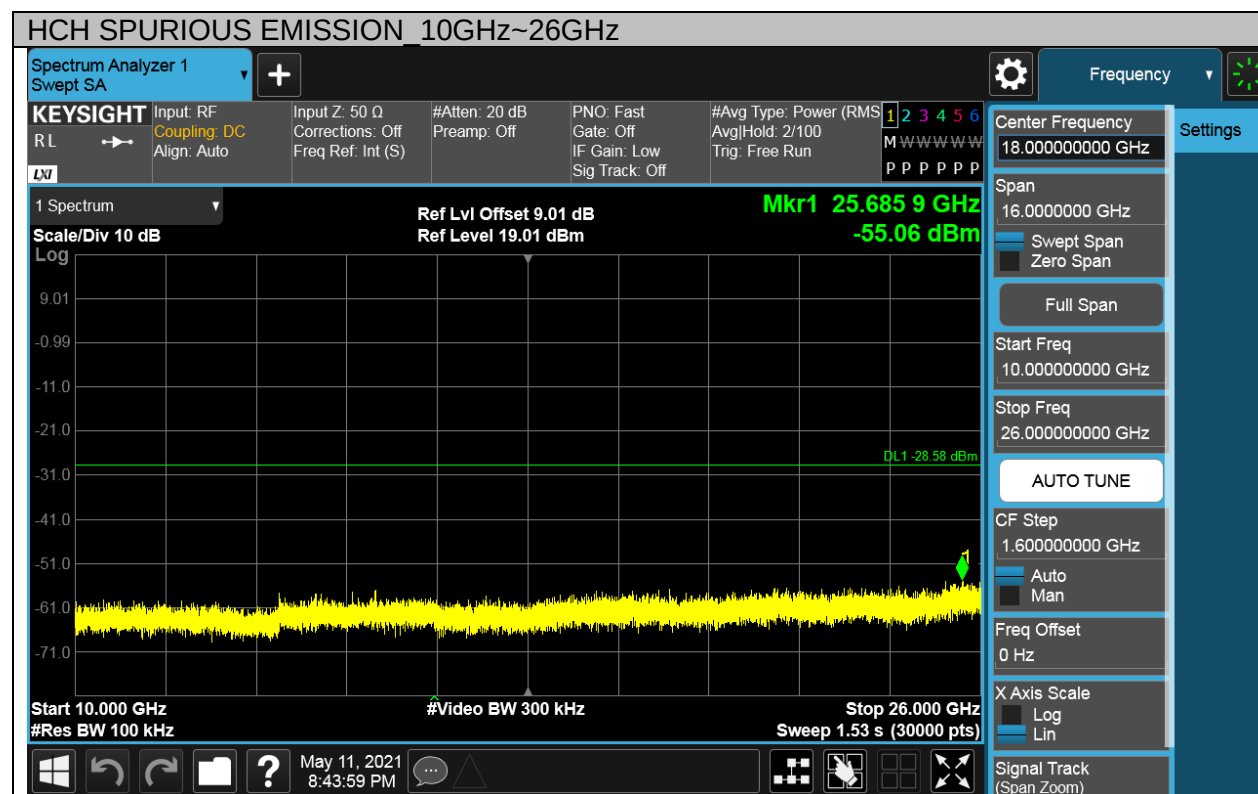
DL1 -28.58 dBm

Start 30 MHz
#Res BW 100 kHz

#Video BW 300 kHz

Stop 10.000 GHz
Sweep 954 ms (30000 pts)

May 11, 2021
8:43:49 PM





Test Mode	Channel	Verdict
11N HT40 MIMO	LCH	PASS

Pref test Plot

