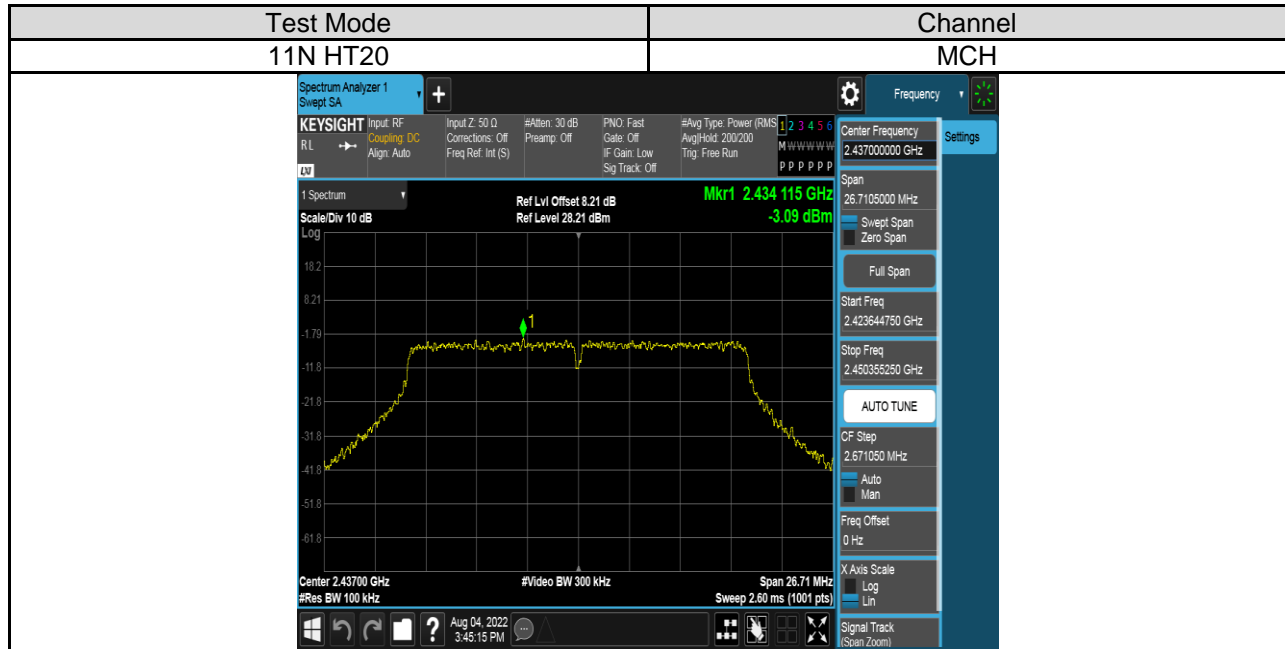
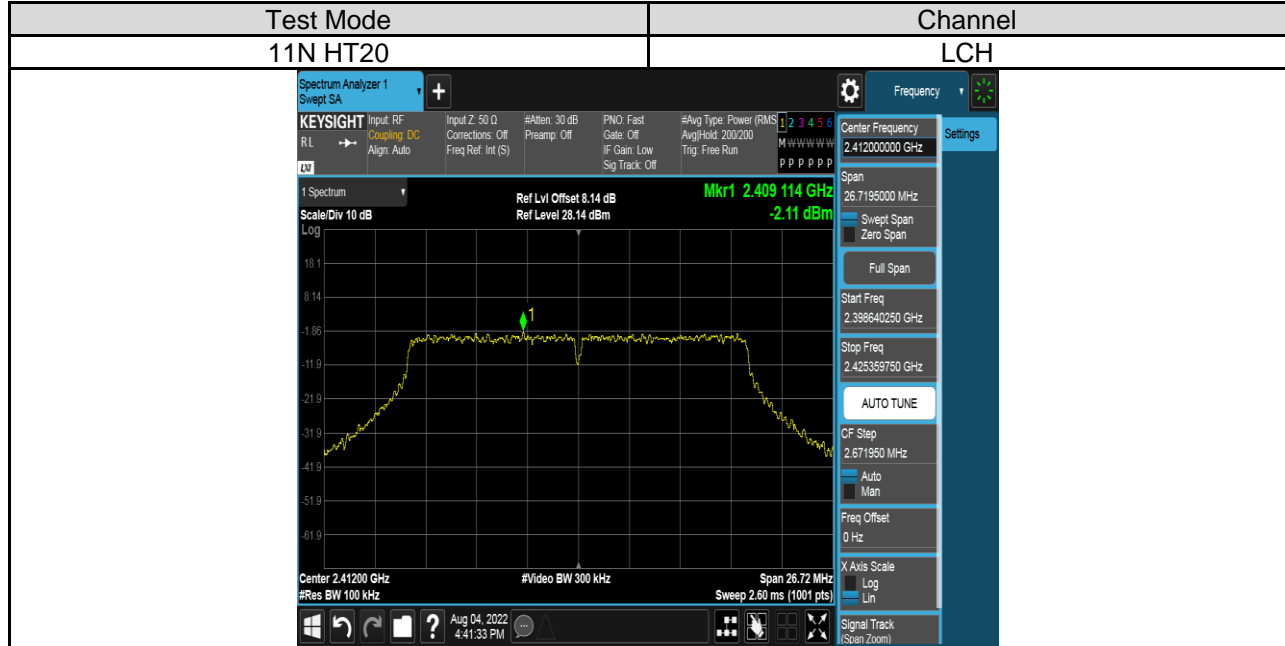
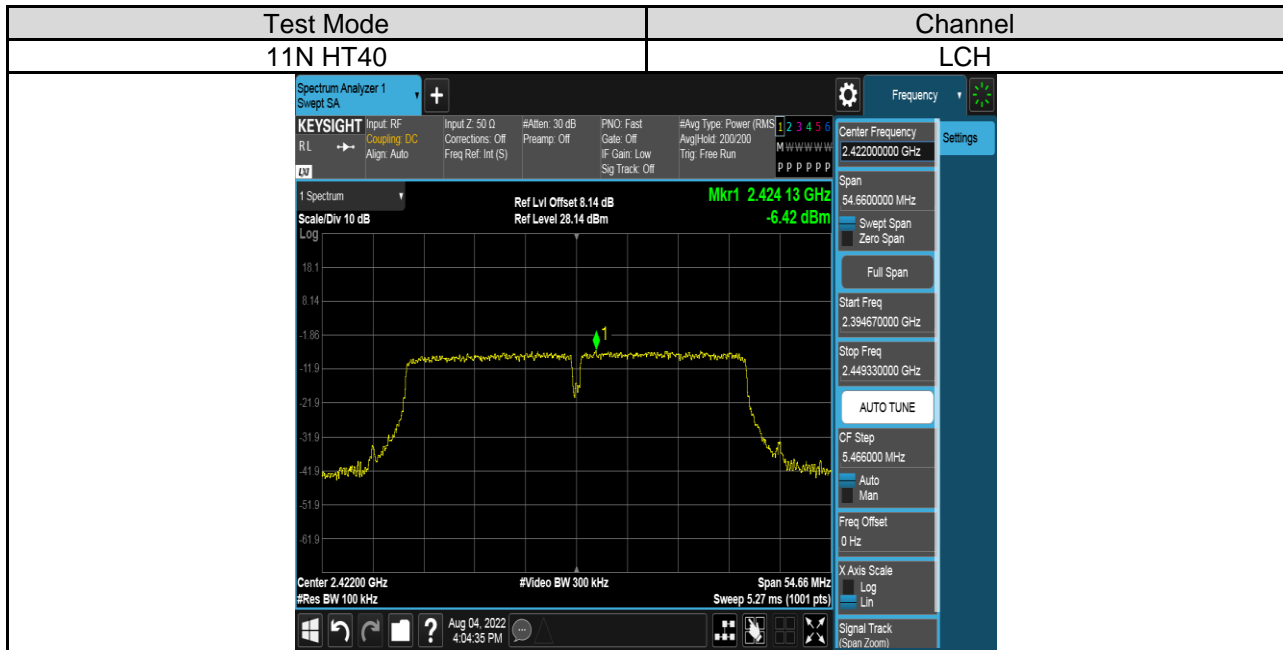
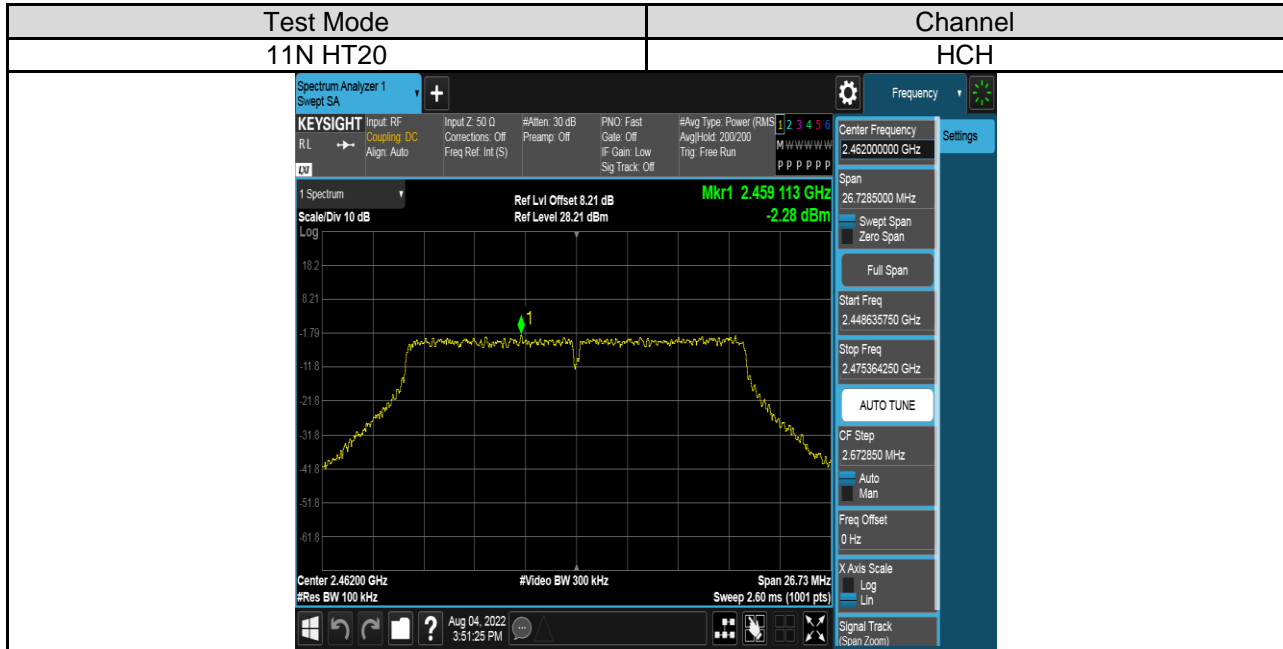
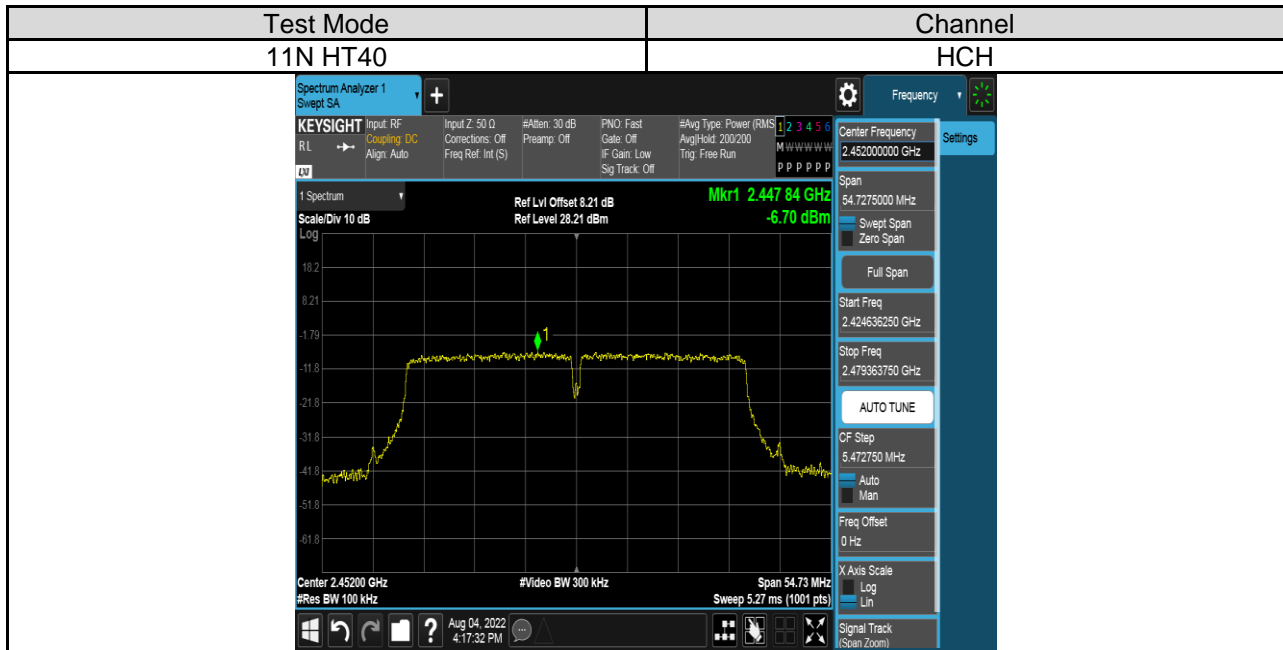




**Antenna 2:**









**PART 2: CONDUCTED BANEDGE**

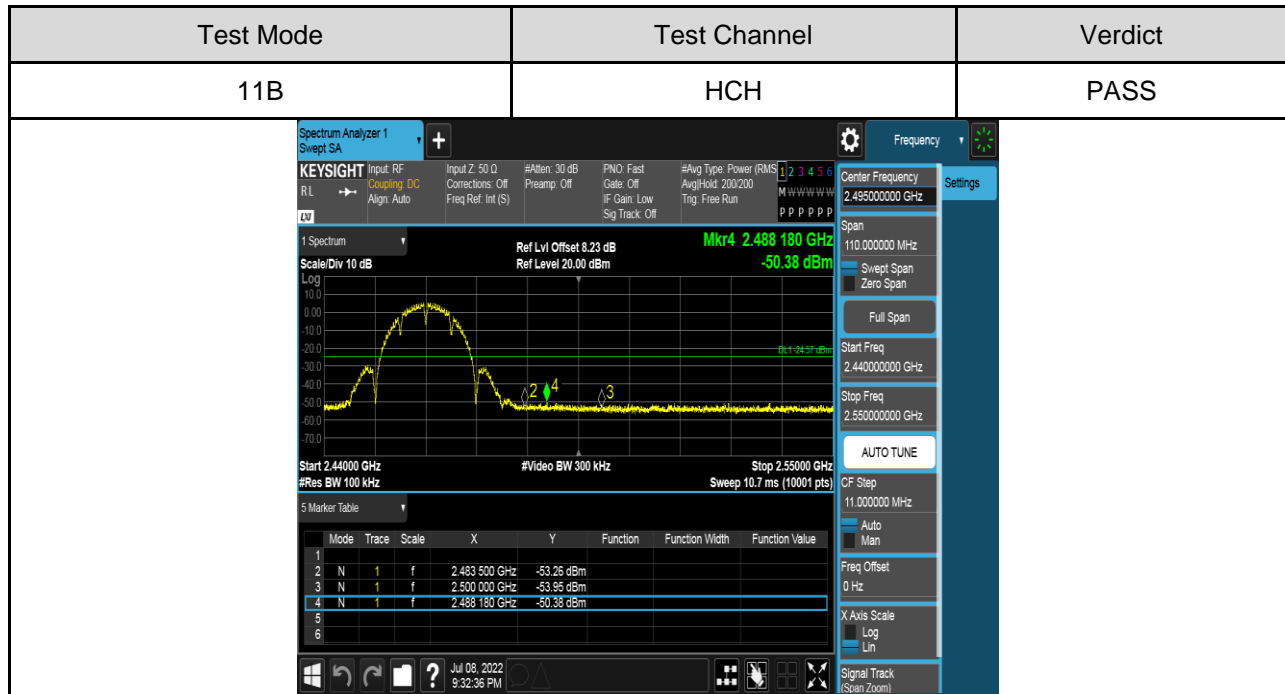
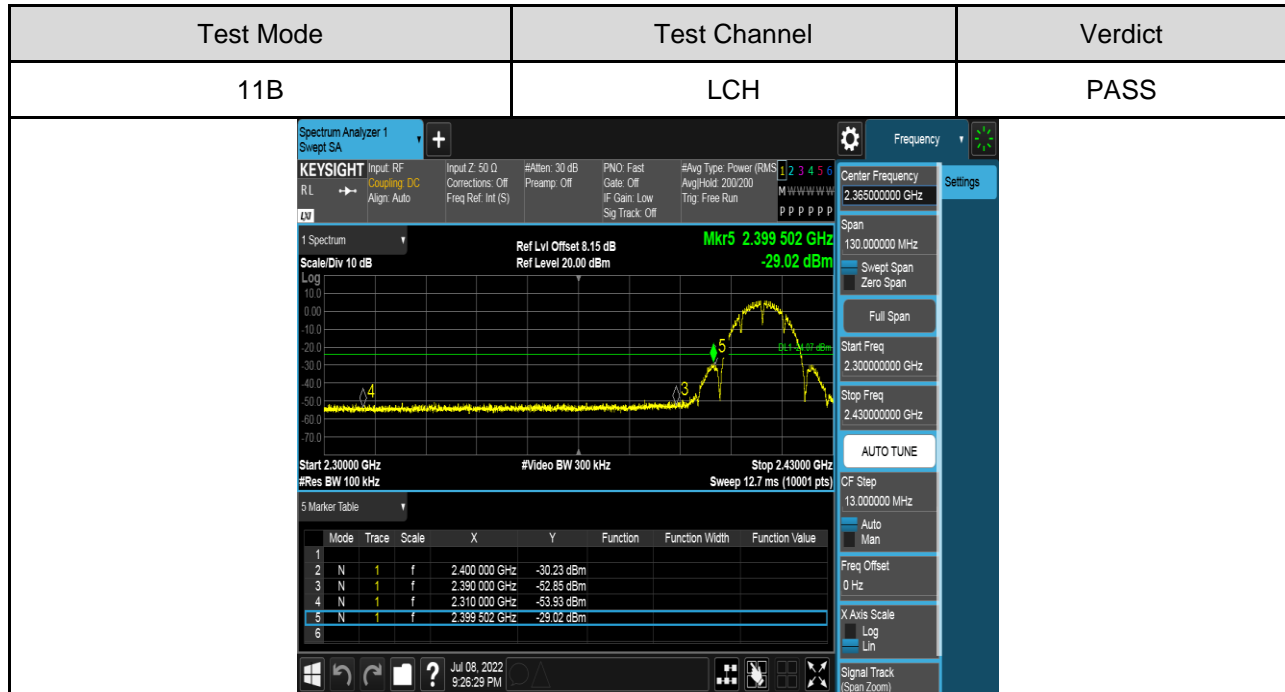
**TEST RESULTS TABLE**

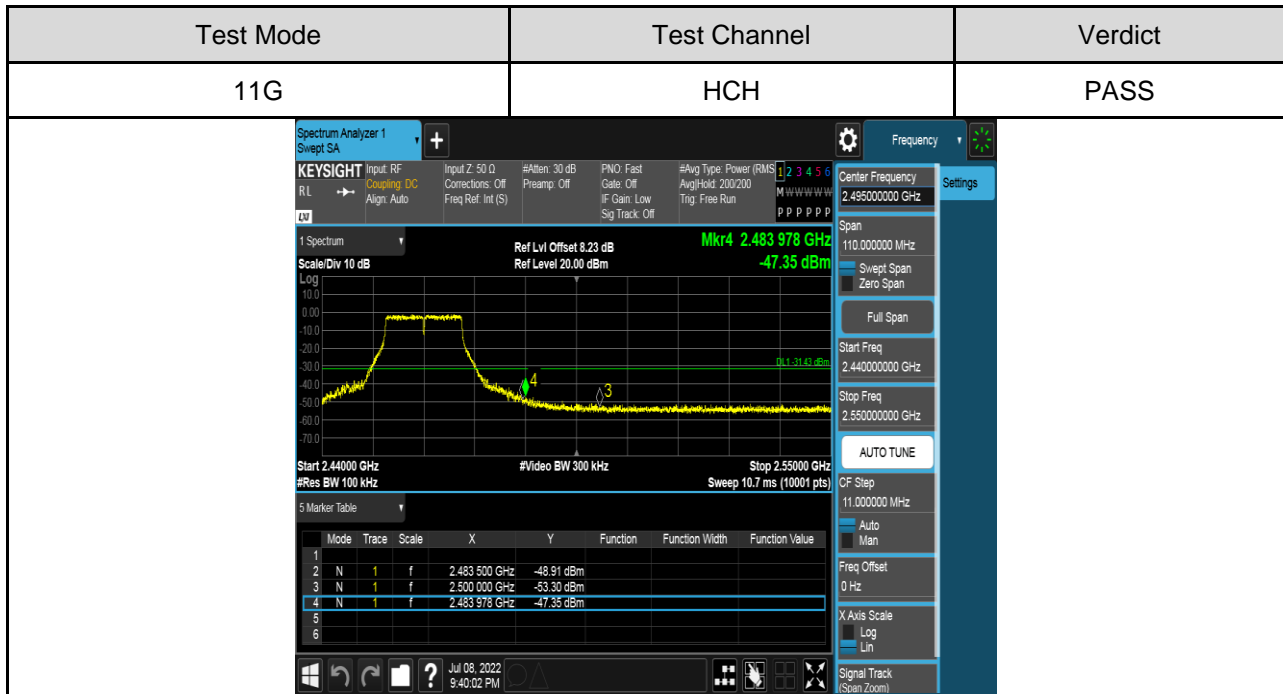
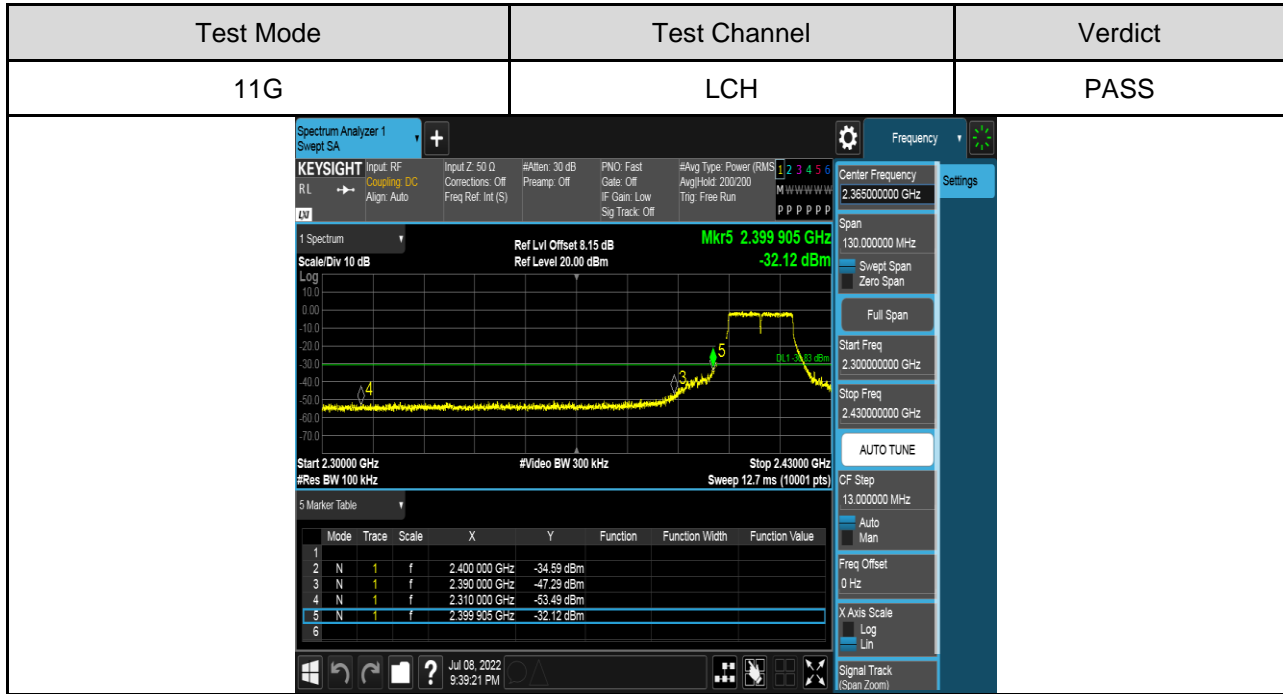
Test Mode	Test Channel	Result	Verdict
11B	LCH	Refer to the Test Graph	Pass
	HCH	Refer to the Test Graph	Pass
11G	LCH	Refer to the Test Graph	Pass
	HCH	Refer to the Test Graph	Pass
11N HT20	LCH	Refer to the Test Graph	Pass
	HCH	Refer to the Test Graph	Pass
11N HT40	LCH	Refer to the Test Graph	Pass
	HCH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

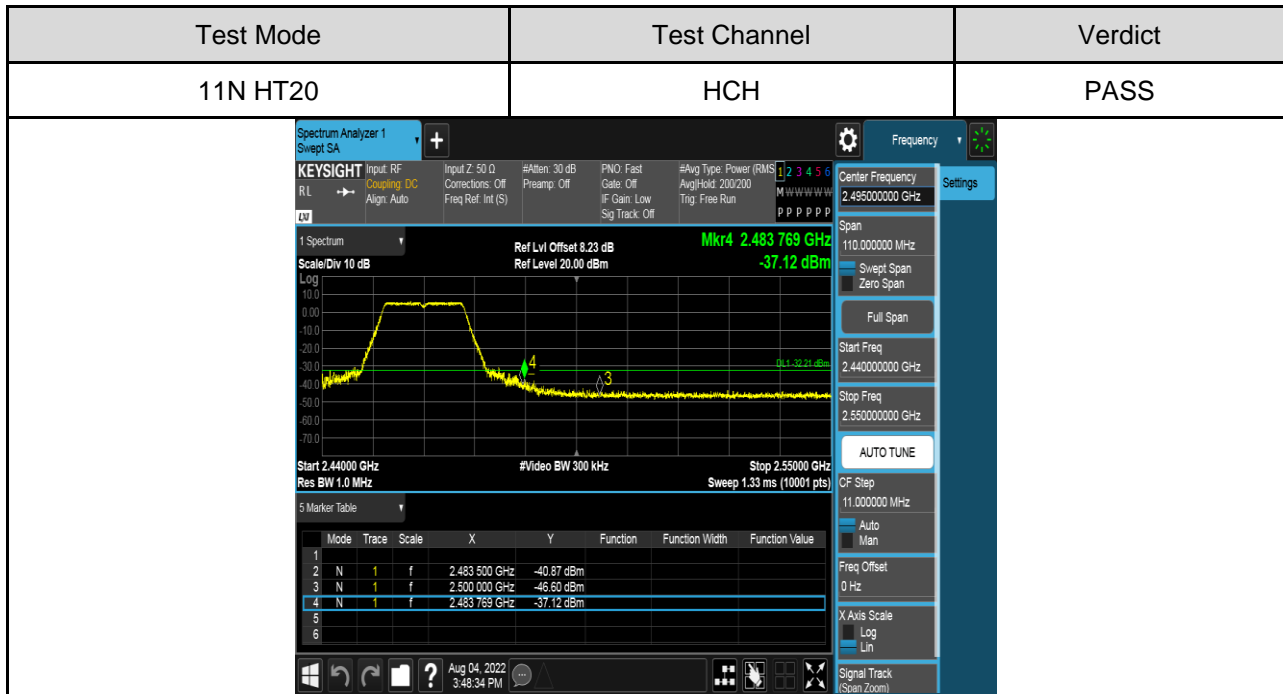
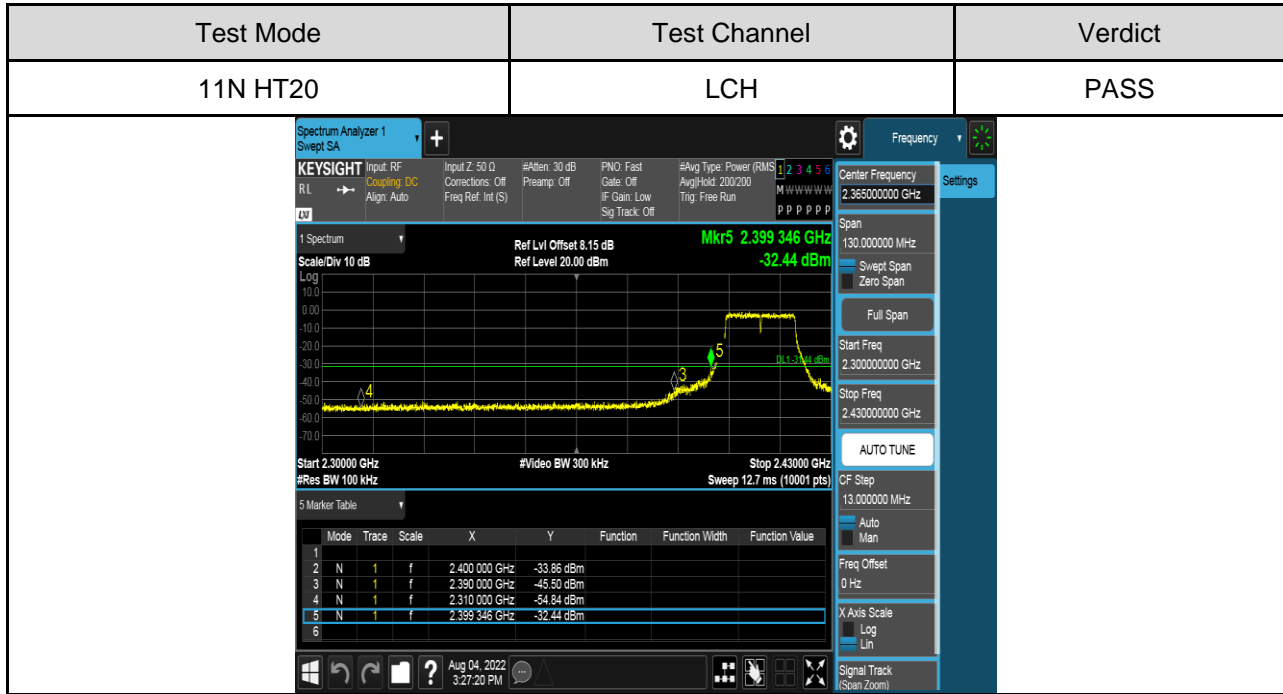


**TEST GRAPHS**

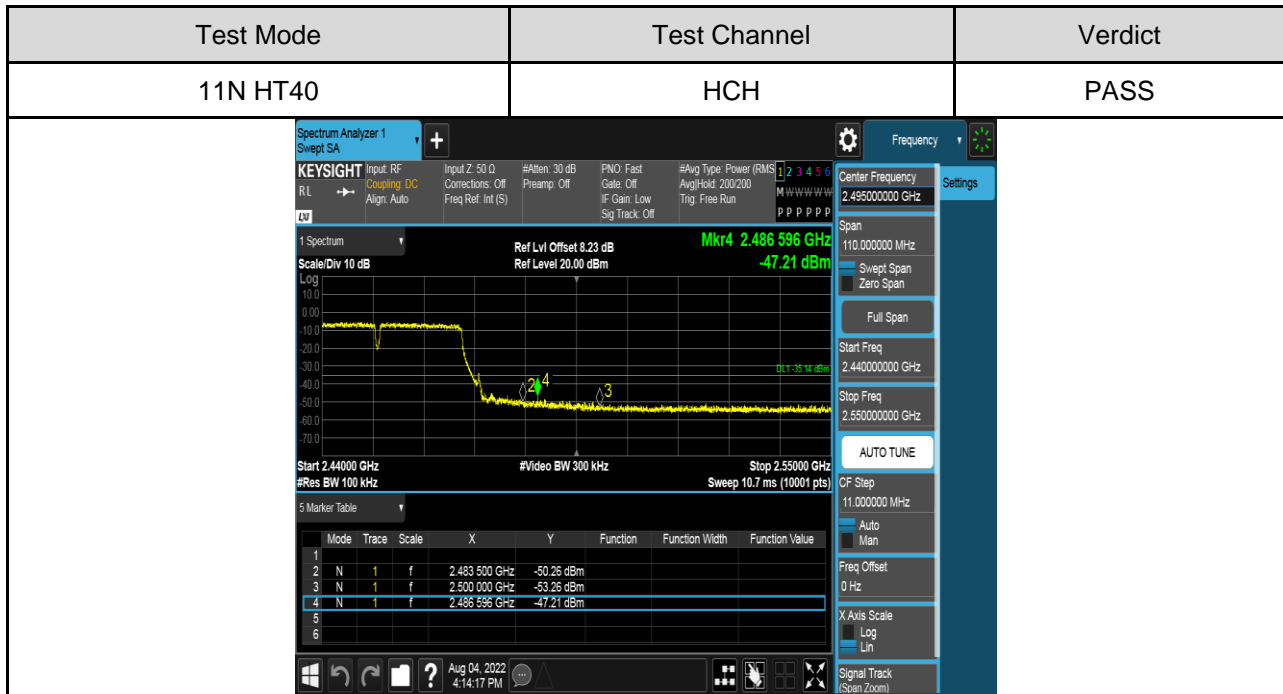
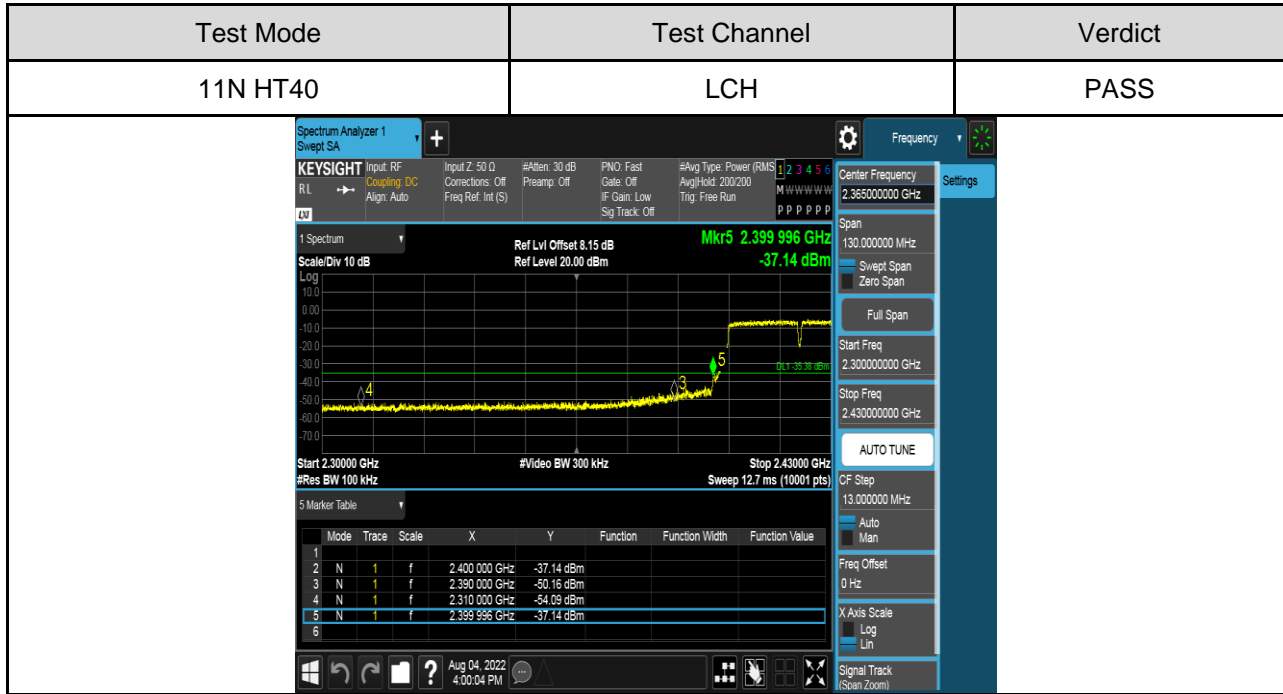
**Antenna 1:**





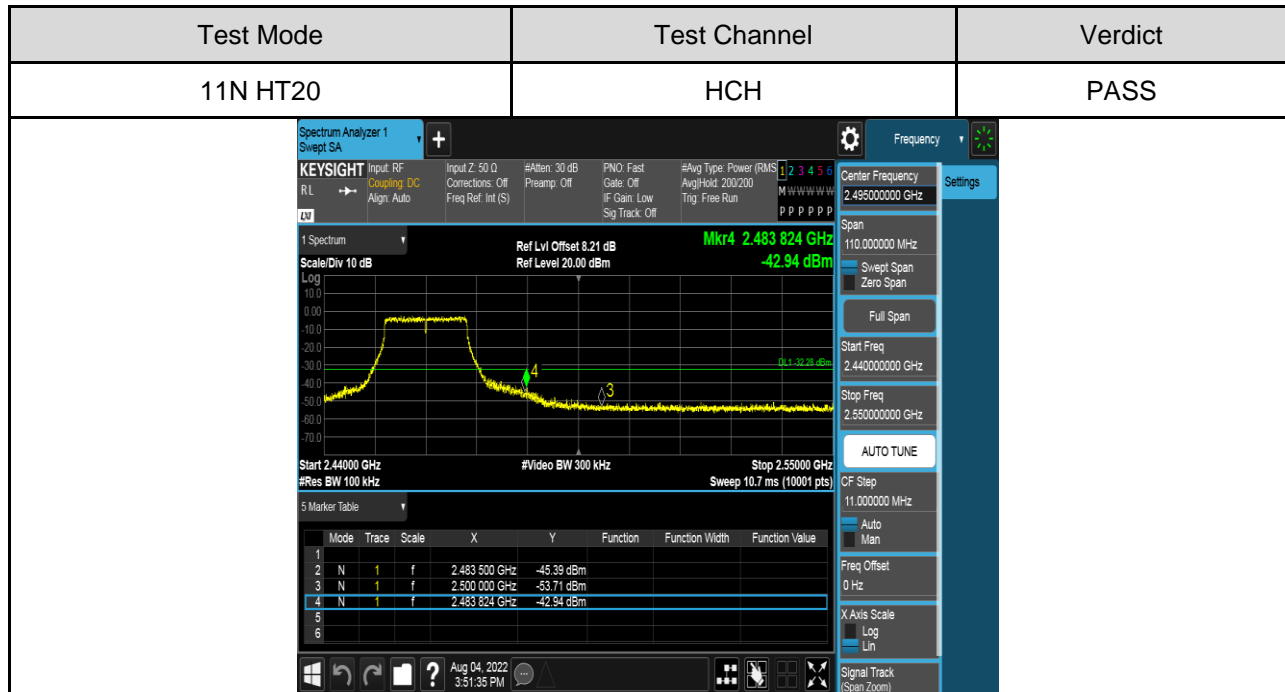
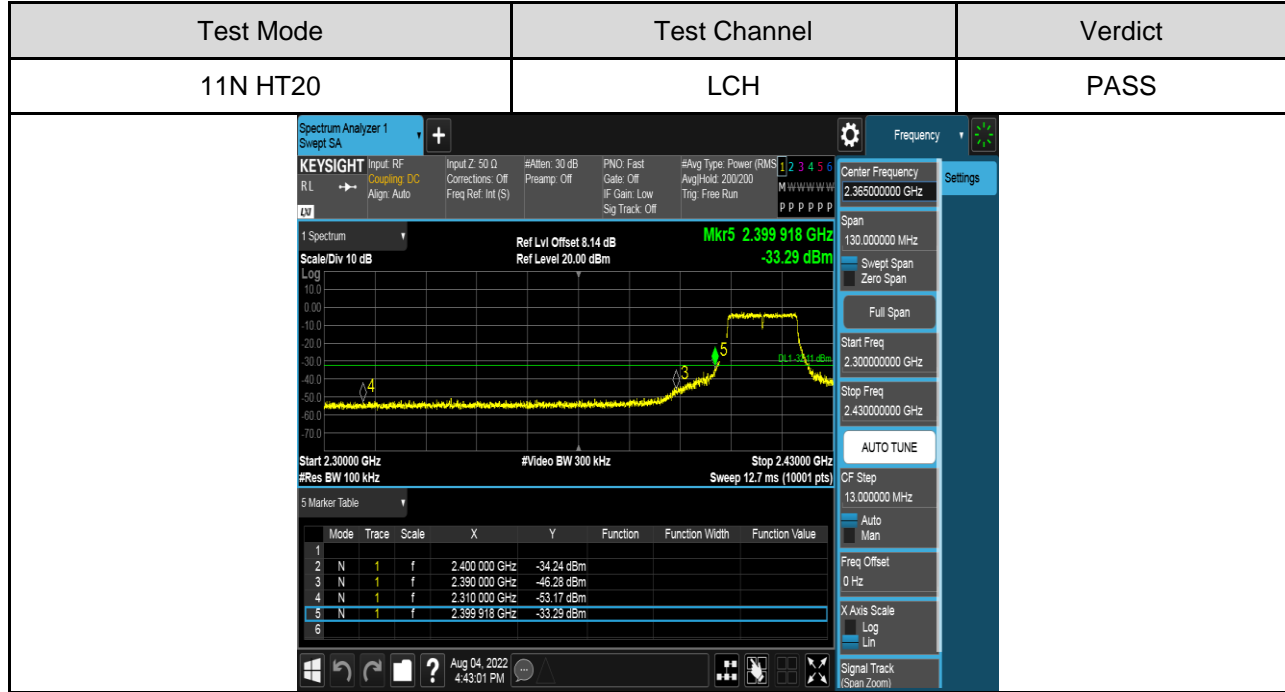


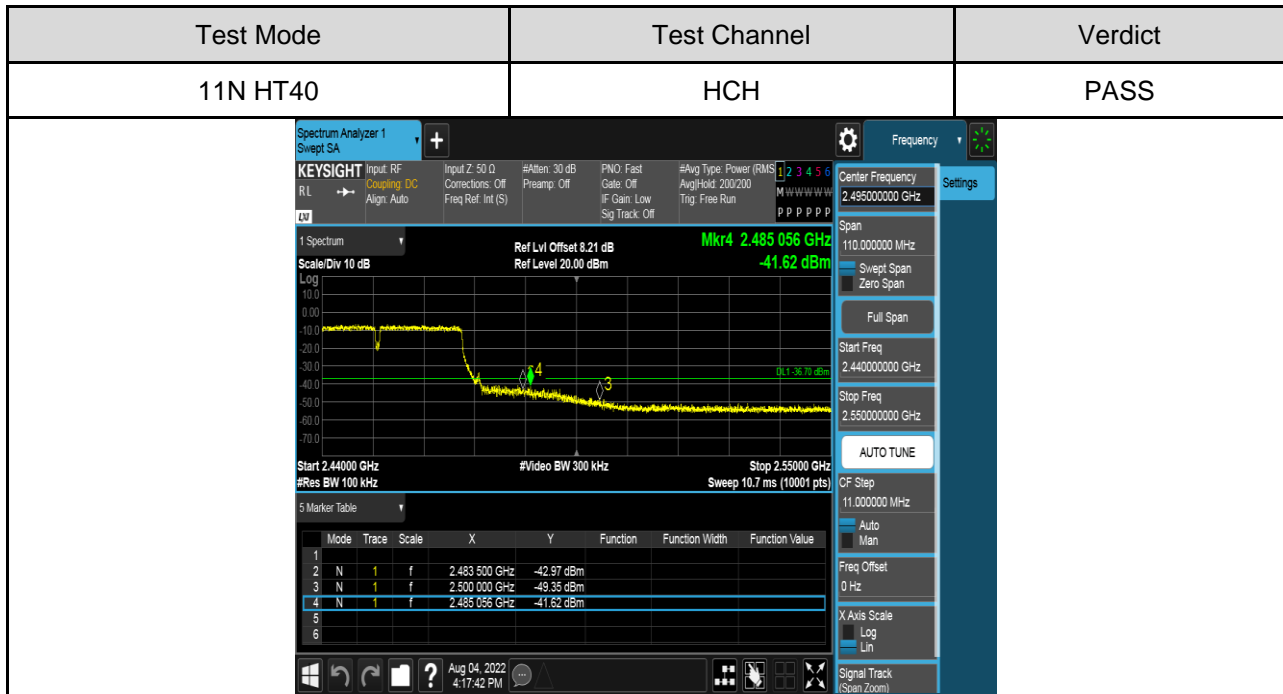






**Antenna 2:**







**PART 3: CONDUCTED SPURIOUS EMISSION**

**TEST RESULTS TABLE**

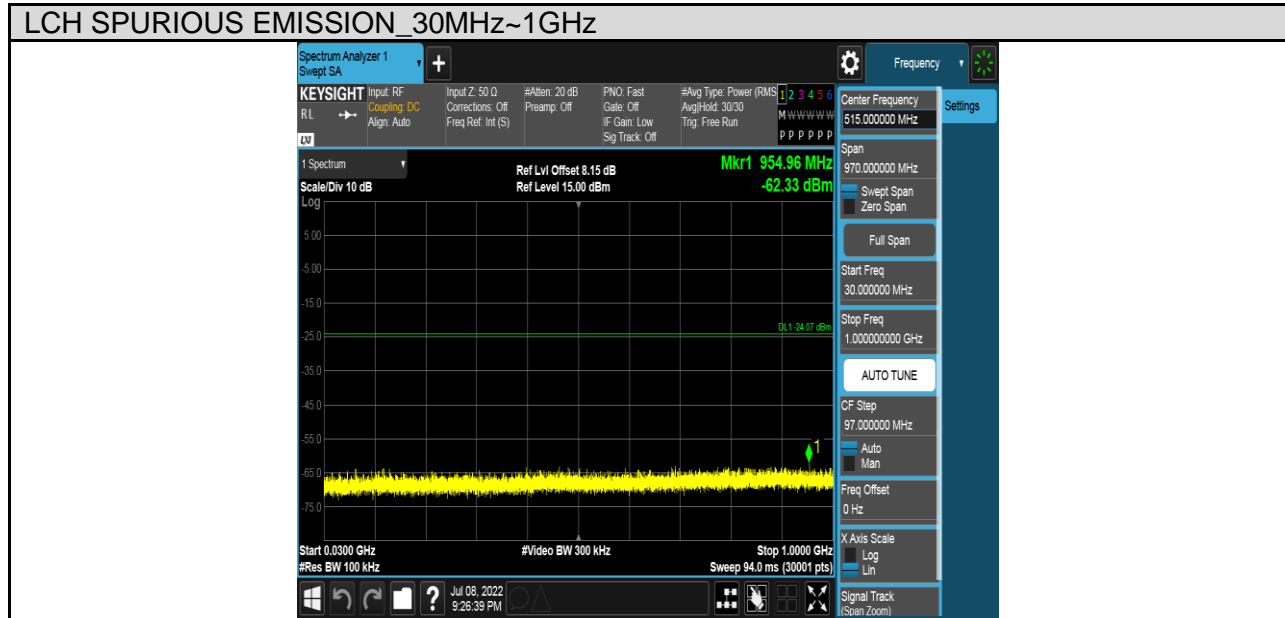
Test Mode	Test Channel	Result	Verdict
11B	LCH	Refer to the Test Graph	Pass
	MCH	Refer to the Test Graph	Pass
	HCH	Refer to the Test Graph	Pass
11G	LCH	Refer to the Test Graph	Pass
	MCH	Refer to the Test Graph	Pass
	HCH	Refer to the Test Graph	Pass
11N HT20	LCH	Refer to the Test Graph	Pass
	MCH	Refer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



**TEST GRAPHS**

**Antenna 1:**

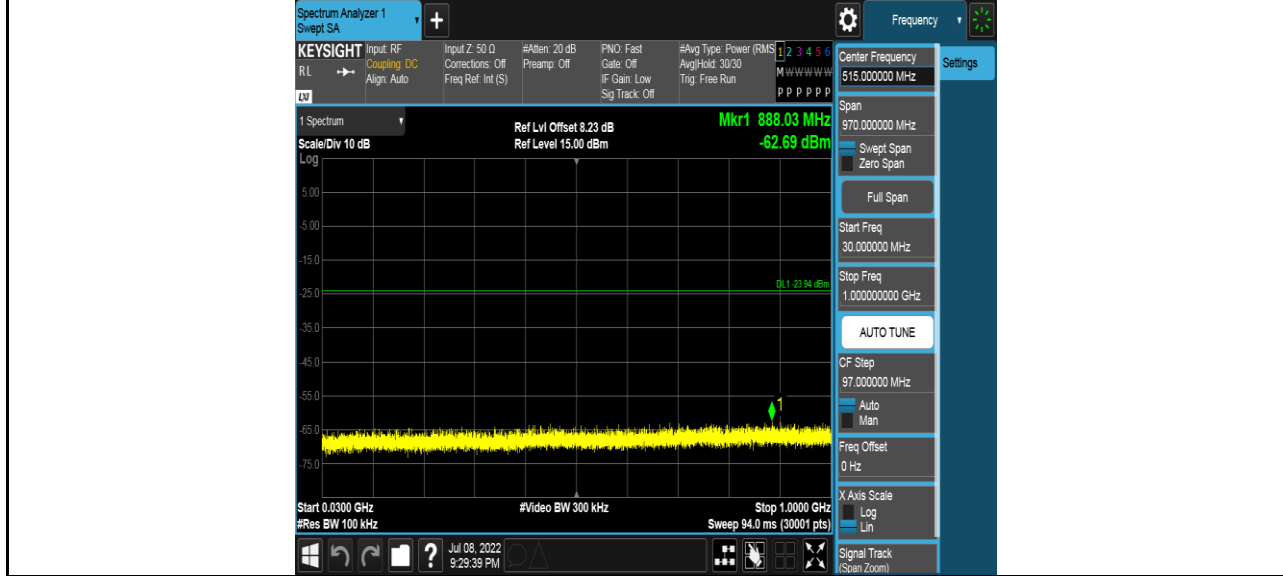
Test Mode	Channel	Verdict
11B	LCH	PASS



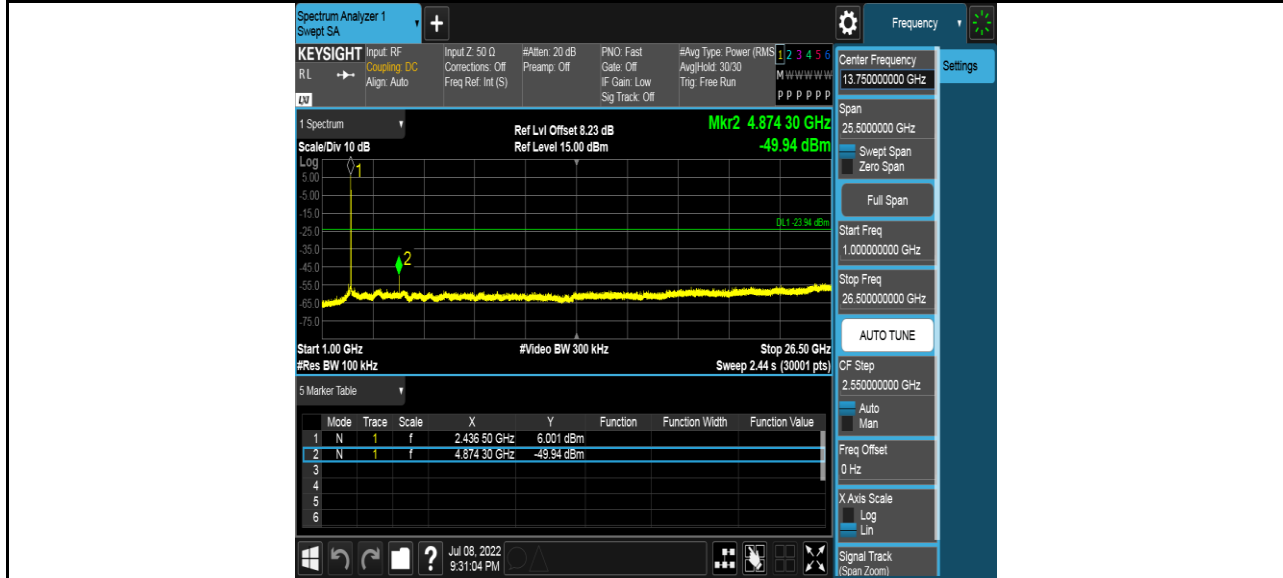


Test Mode	Channel	Verdict
11B	MCH	PASS

**MCH SPURIOUS EMISSION\_30MHz~1GHz**

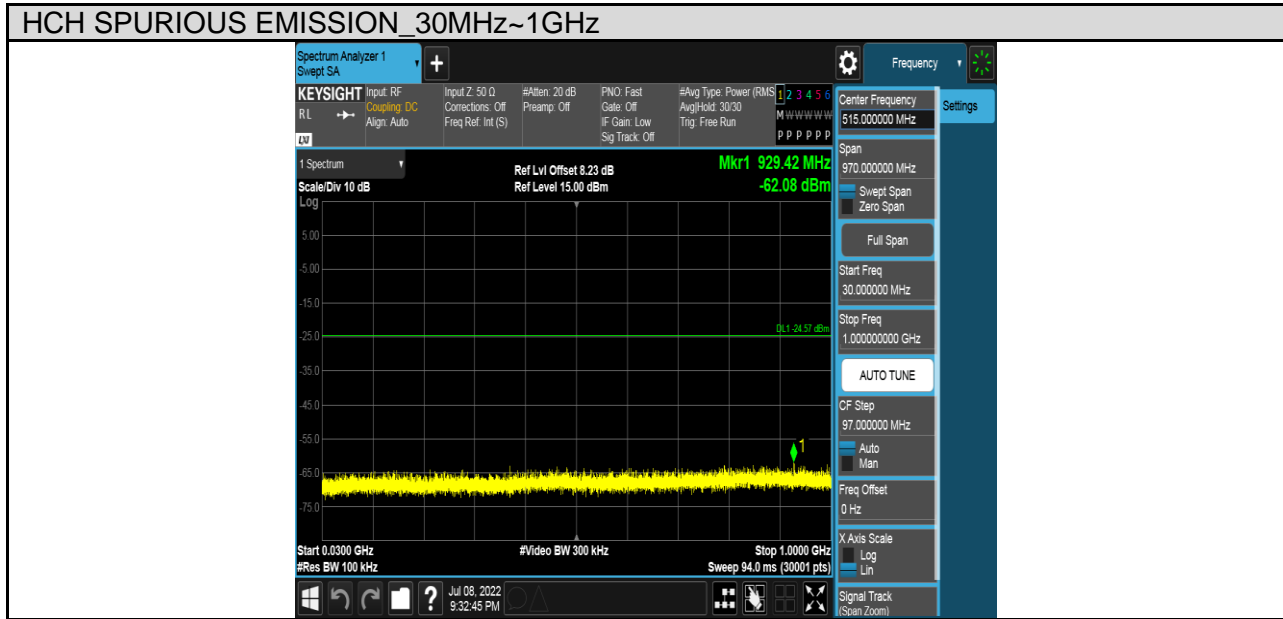


**MCH SPURIOUS EMISSION\_1GHz~26.5GHz**



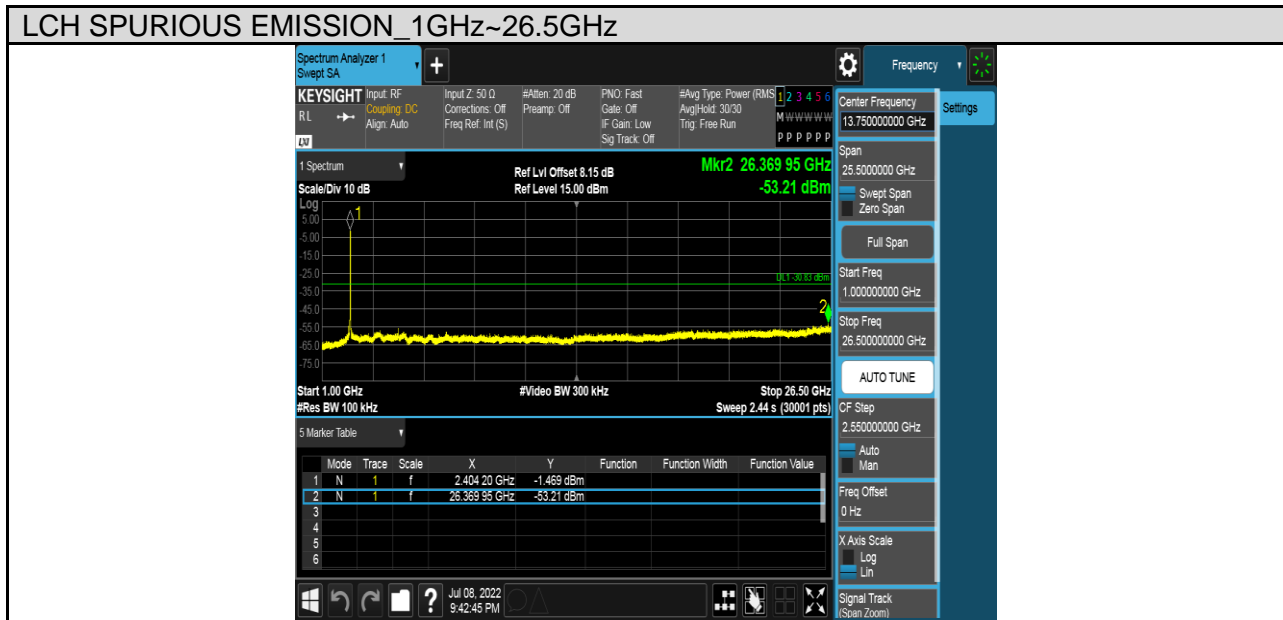
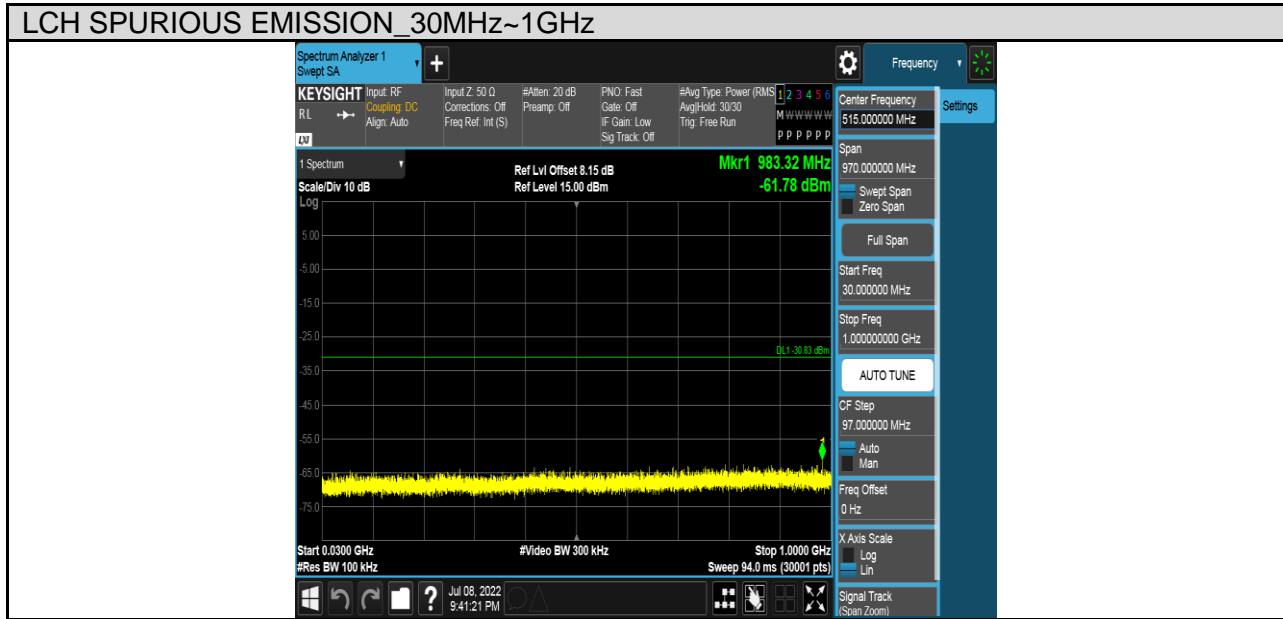


Test Mode	Channel	Verdict
11B	HCH	PASS





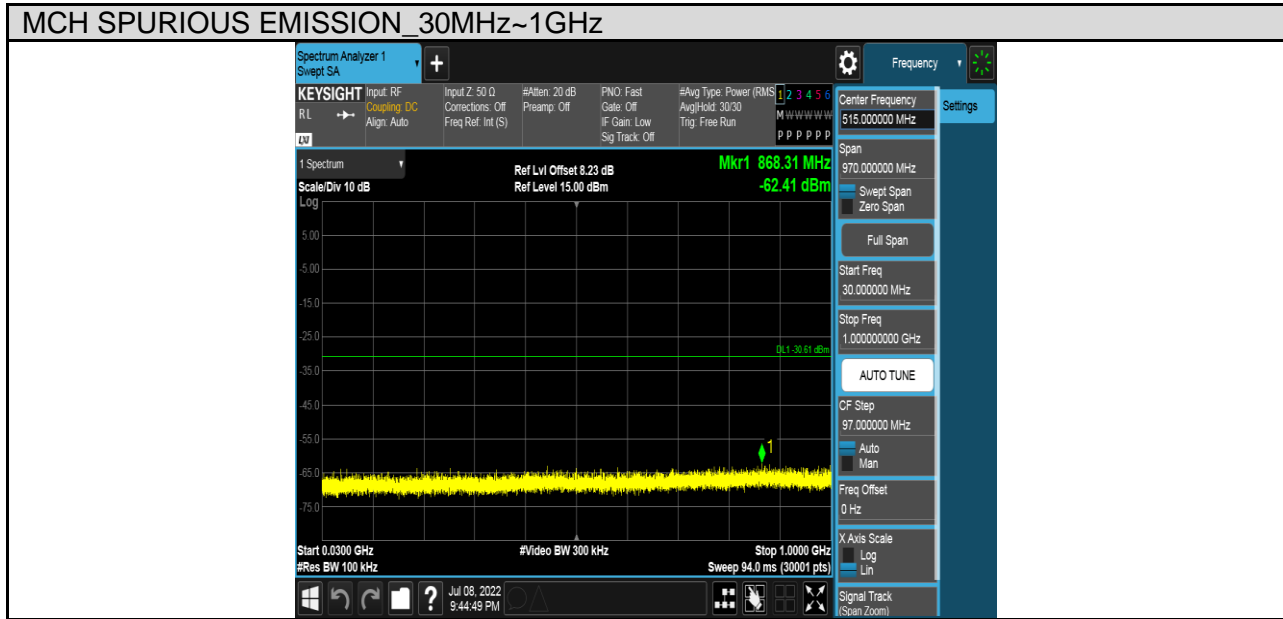
Test Mode	Channel	Verdict
11G	LCH	PASS





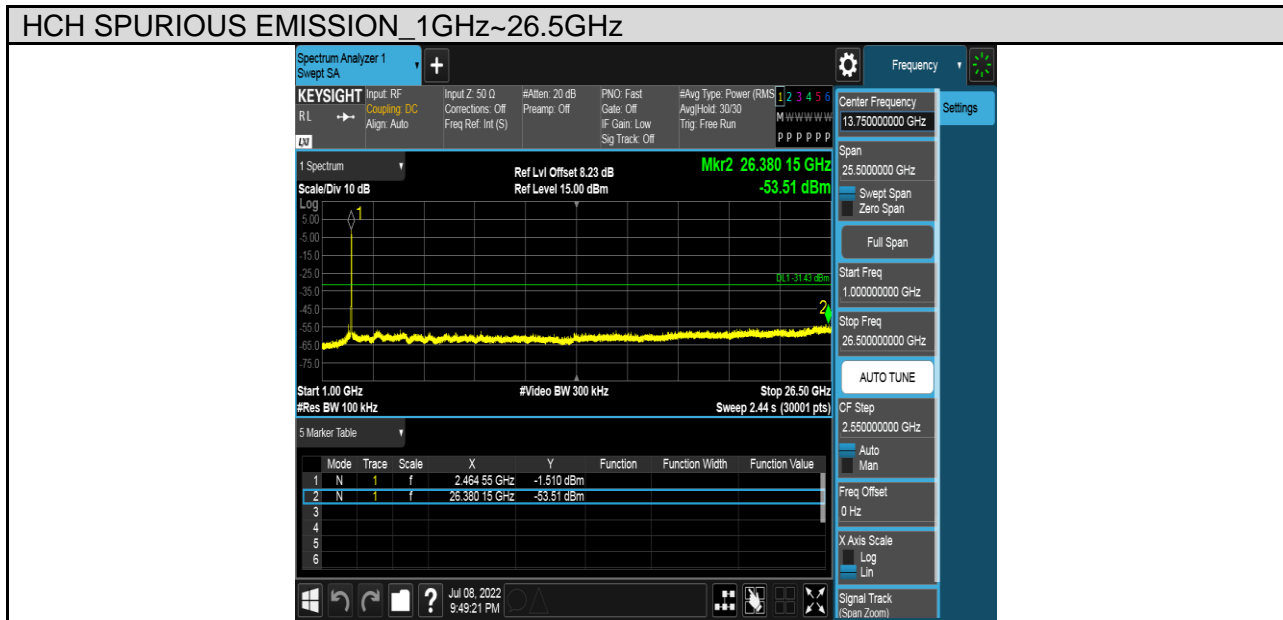
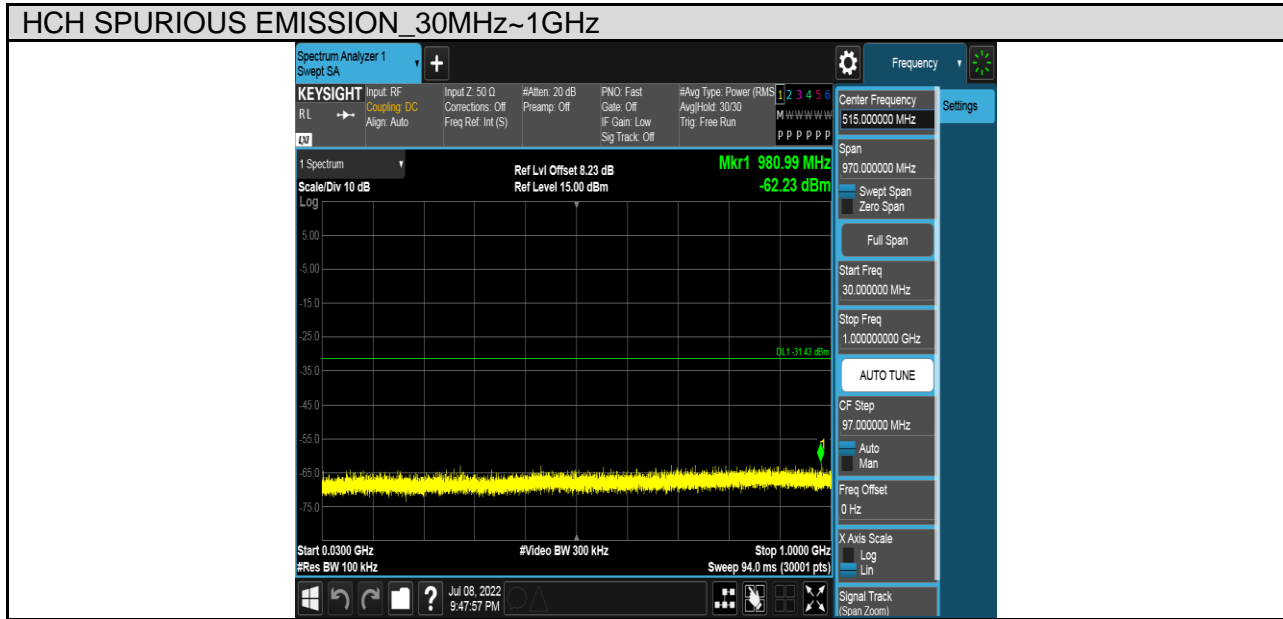


Test Mode	Channel	Verdict
11G	MCH	PASS





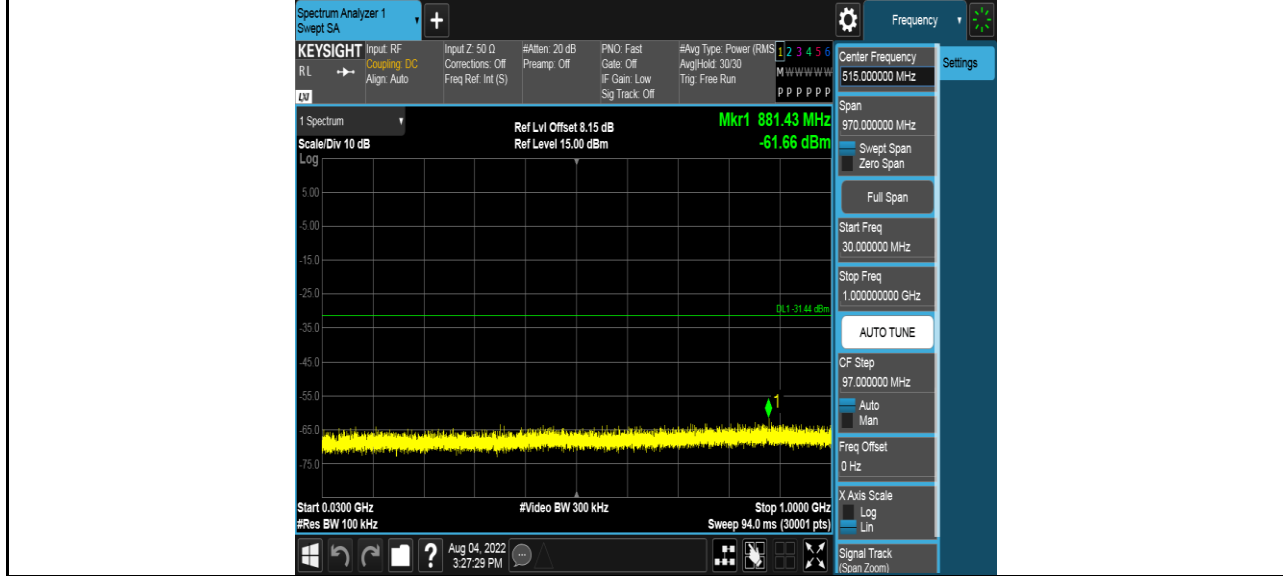
Test Mode	Channel	Verdict
11G	HCH	PASS



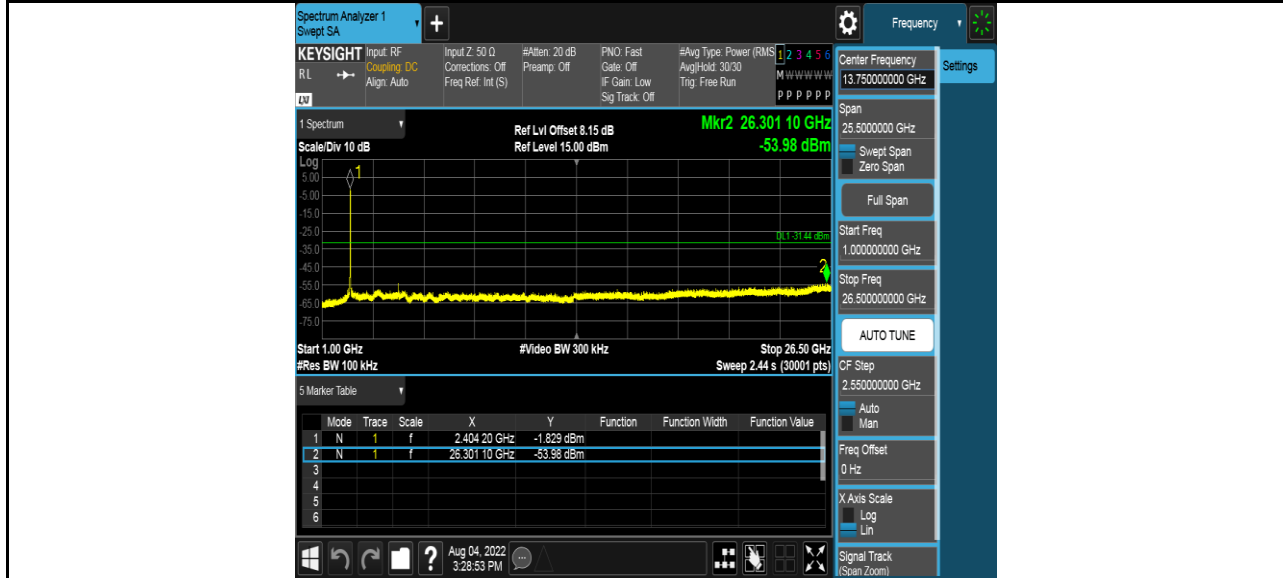


Test Mode	Channel	Verdict
11N HT20	LCH	PASS

LCH SPURIOUS EMISSION\_30MHz~1GHz

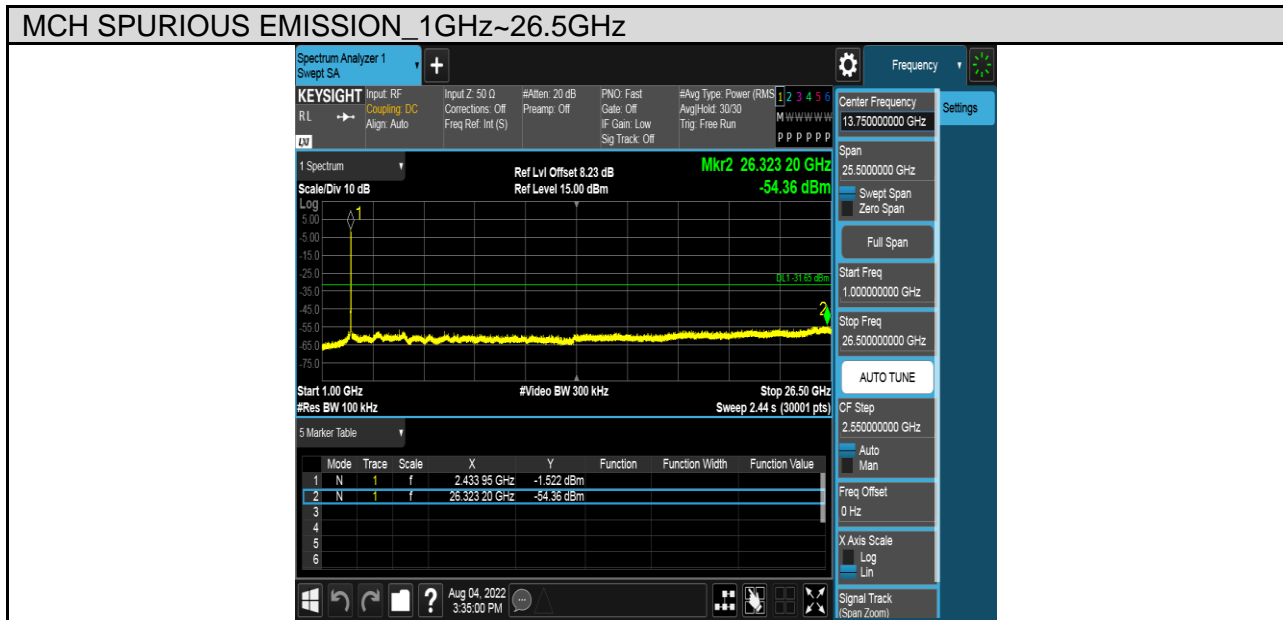
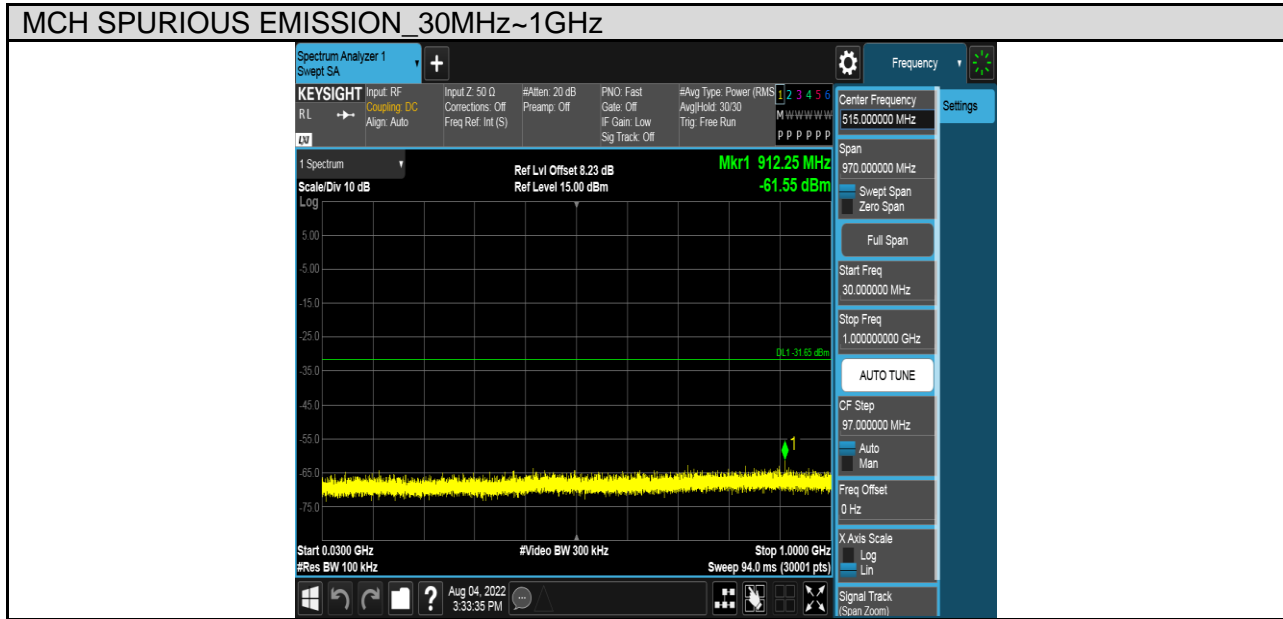


LCH SPURIOUS EMISSION\_1GHz~26.5GHz



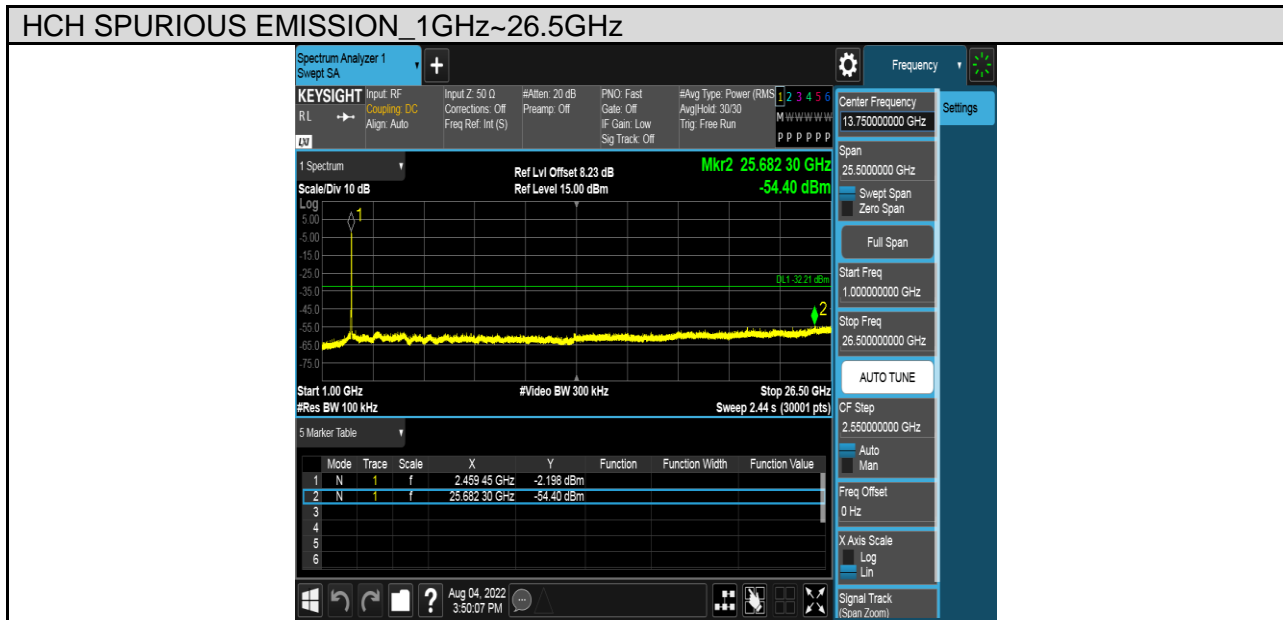
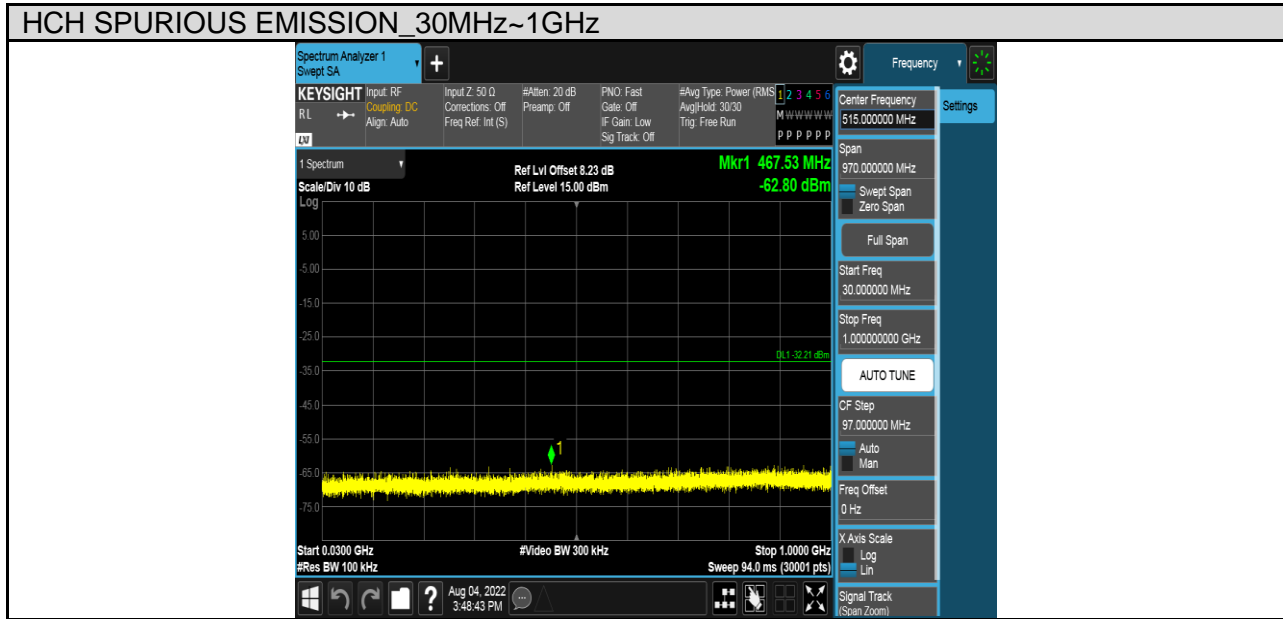


Test Mode	Channel	Verdict
11N HT20	MCH	PASS



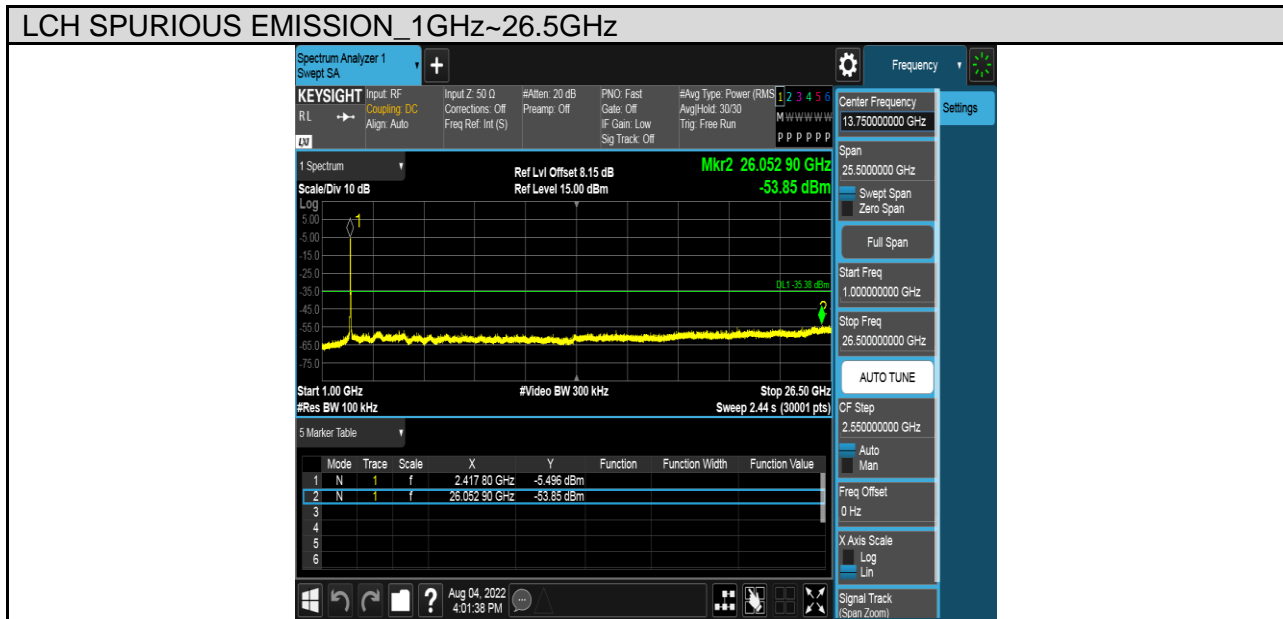
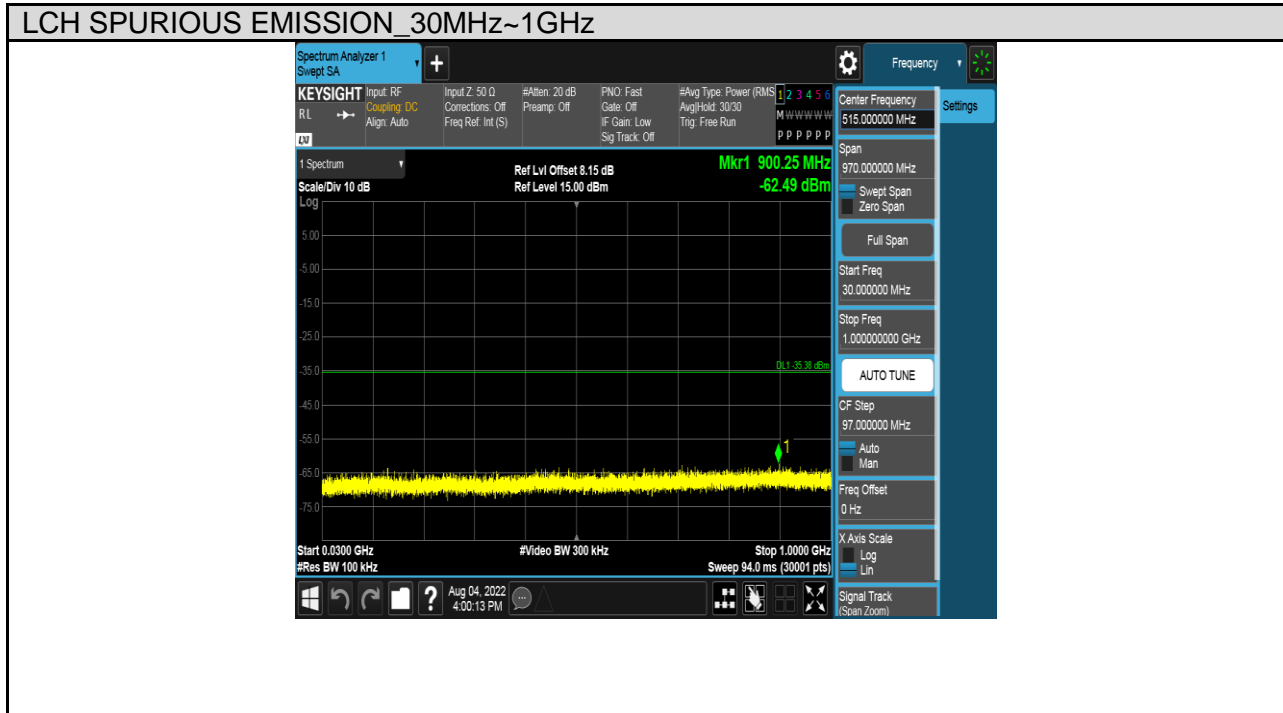


Test Mode	Channel	Verdict
11N HT20	HCH	PASS



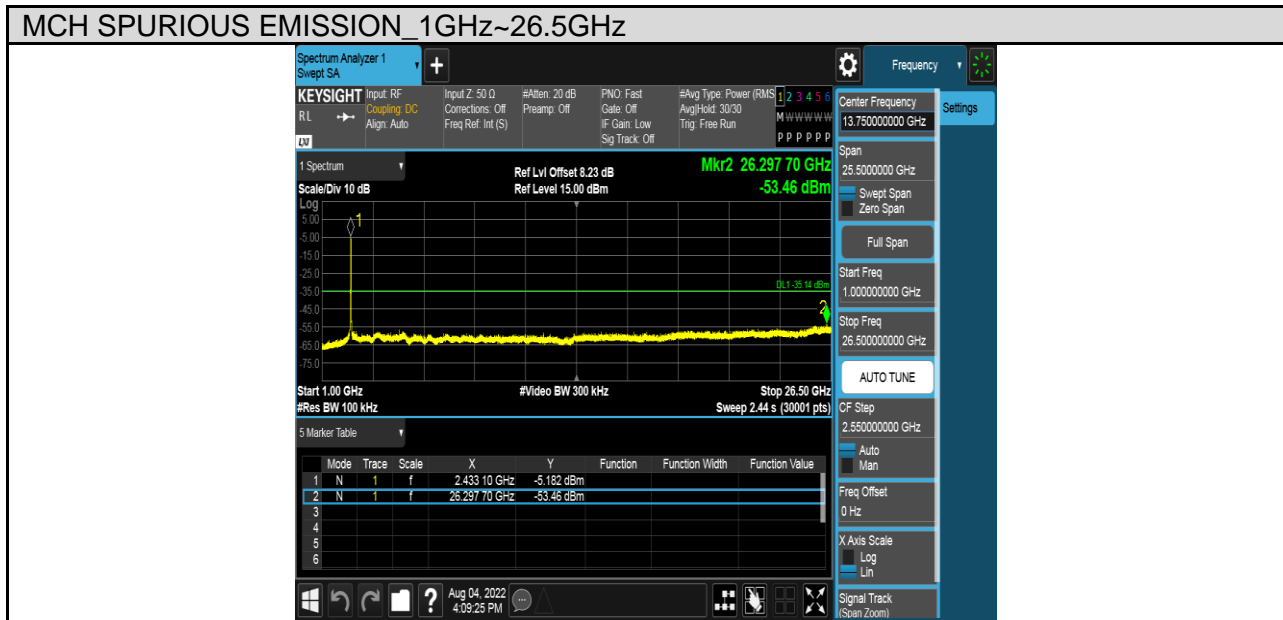
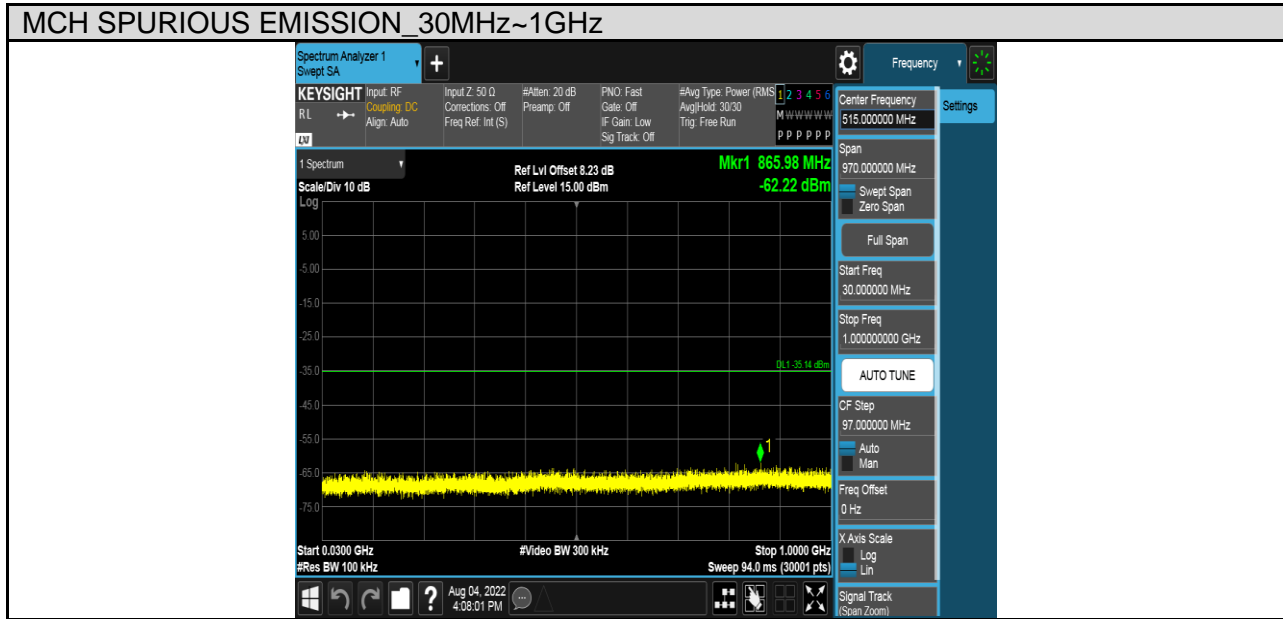


Test Mode	Channel	Verdict
11N HT40	LCH	PASS



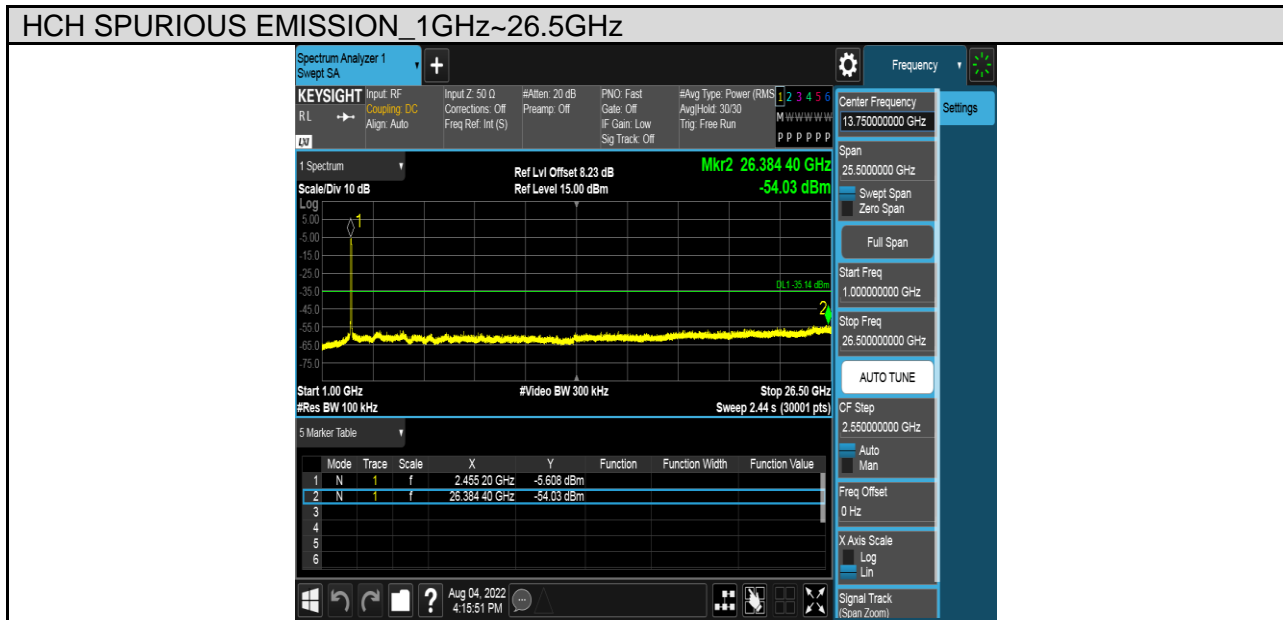
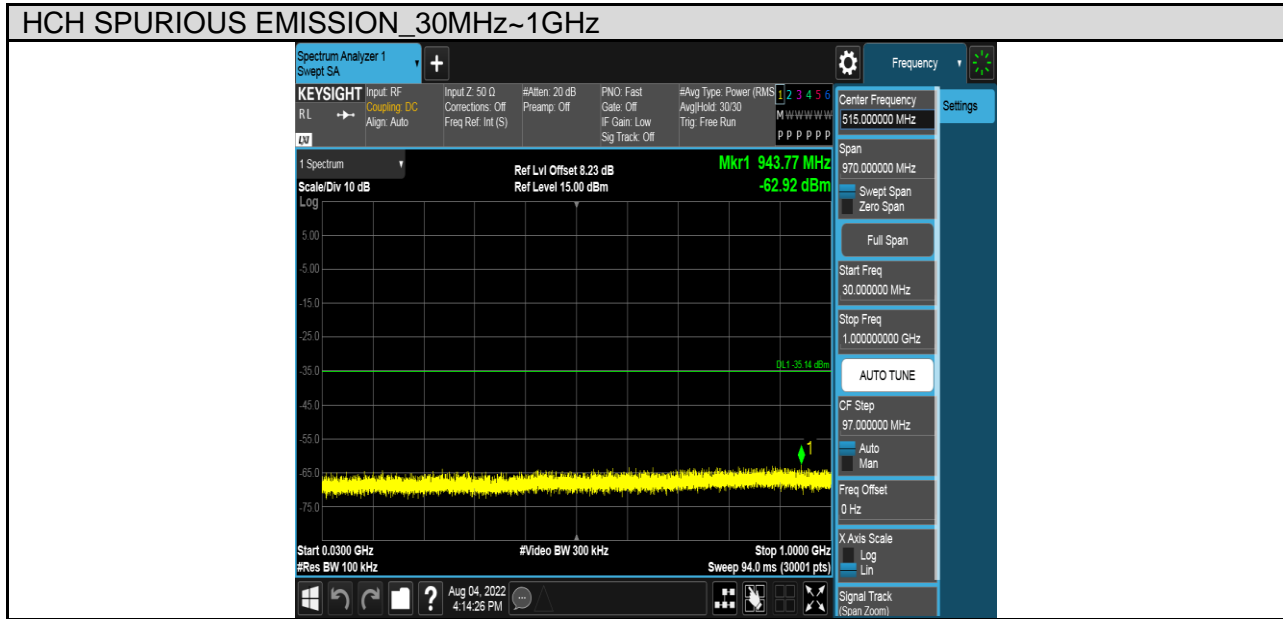


Test Mode	Channel	Verdict
11N HT40	MCH	PASS





Test Mode	Channel	Verdict
11N HT40	HCH	PASS

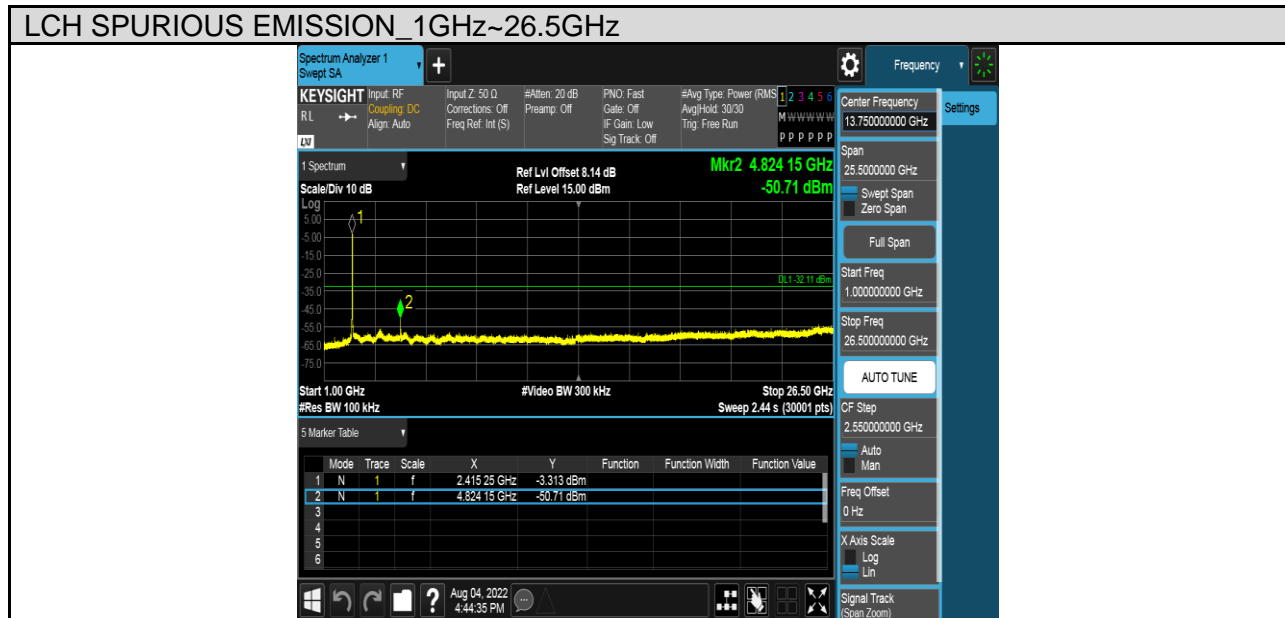
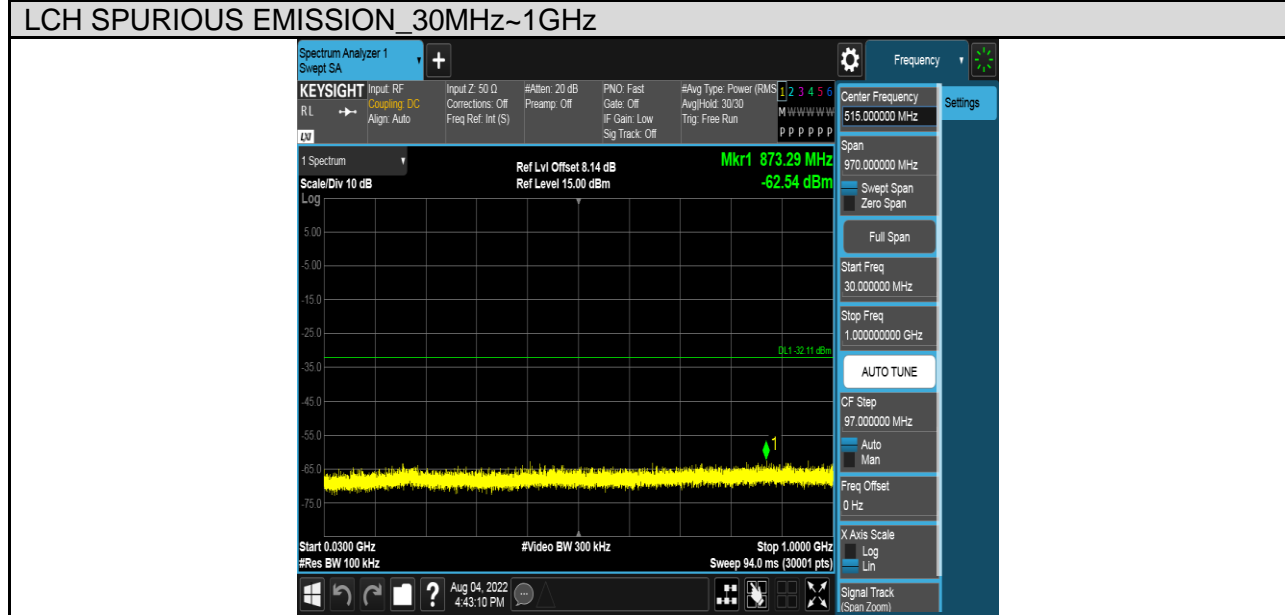






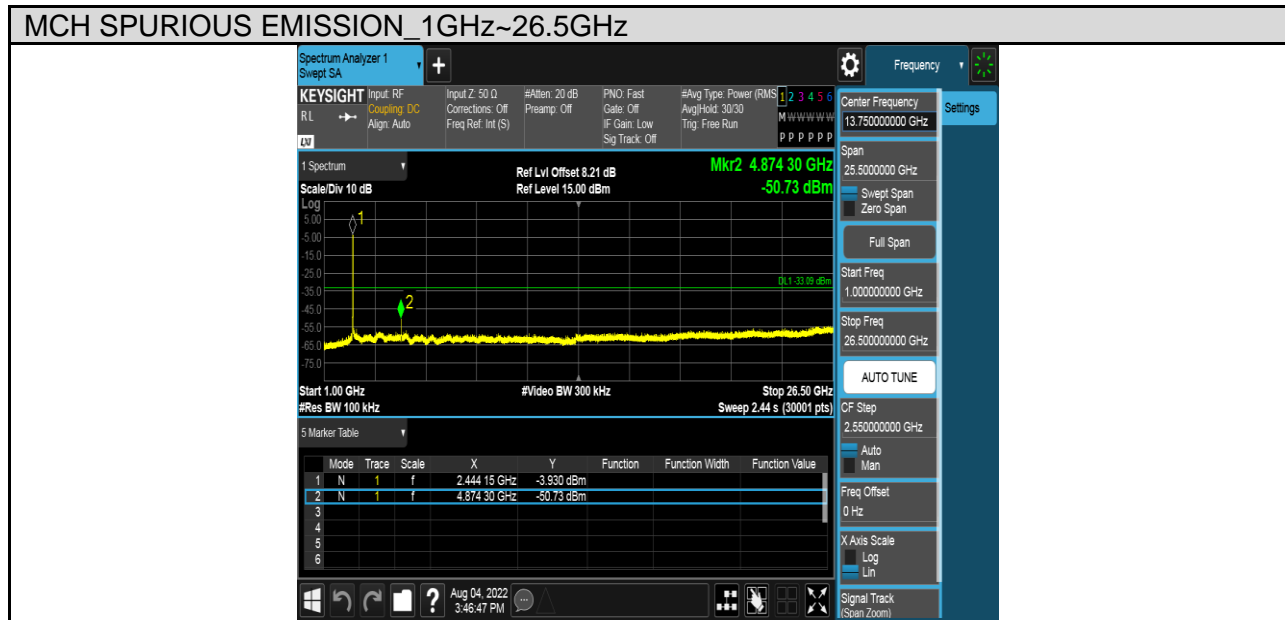
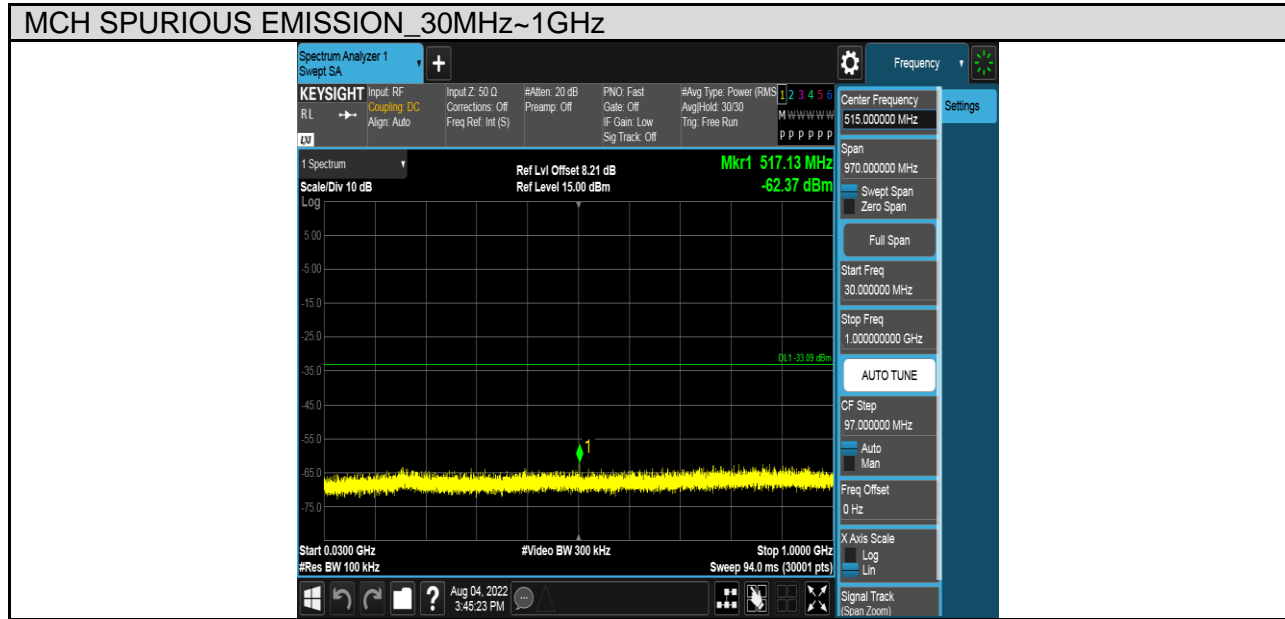
**Antenna 2:**

Test Mode	Channel	Verdict
11N HT20	LCH	PASS



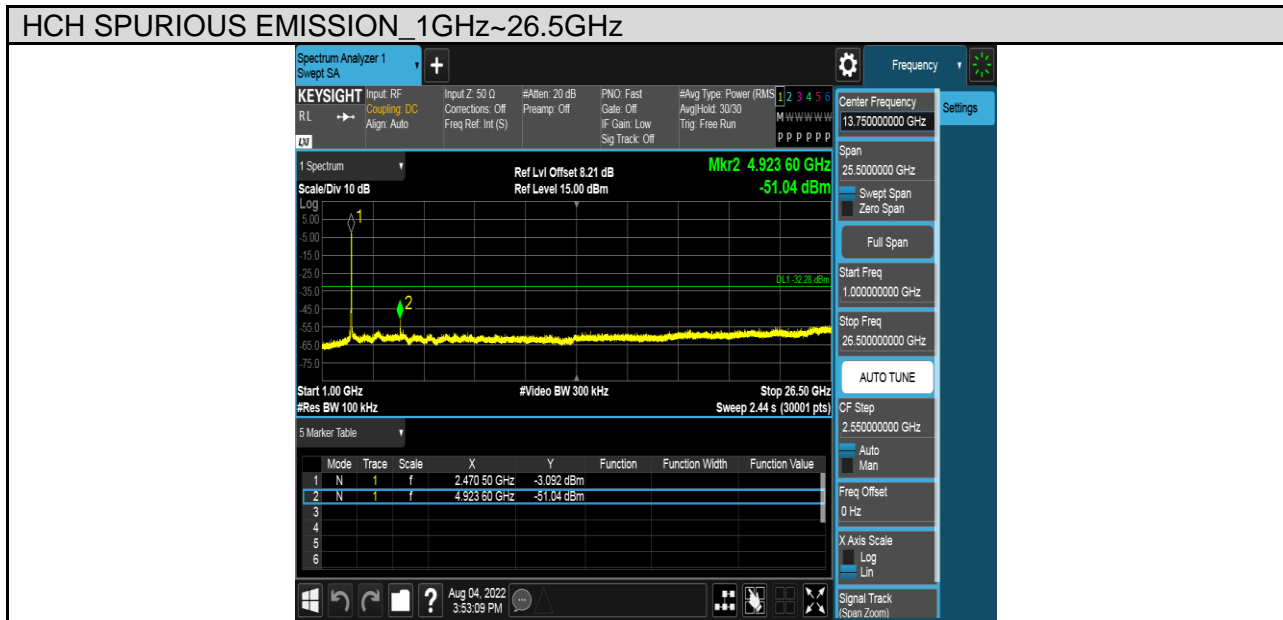
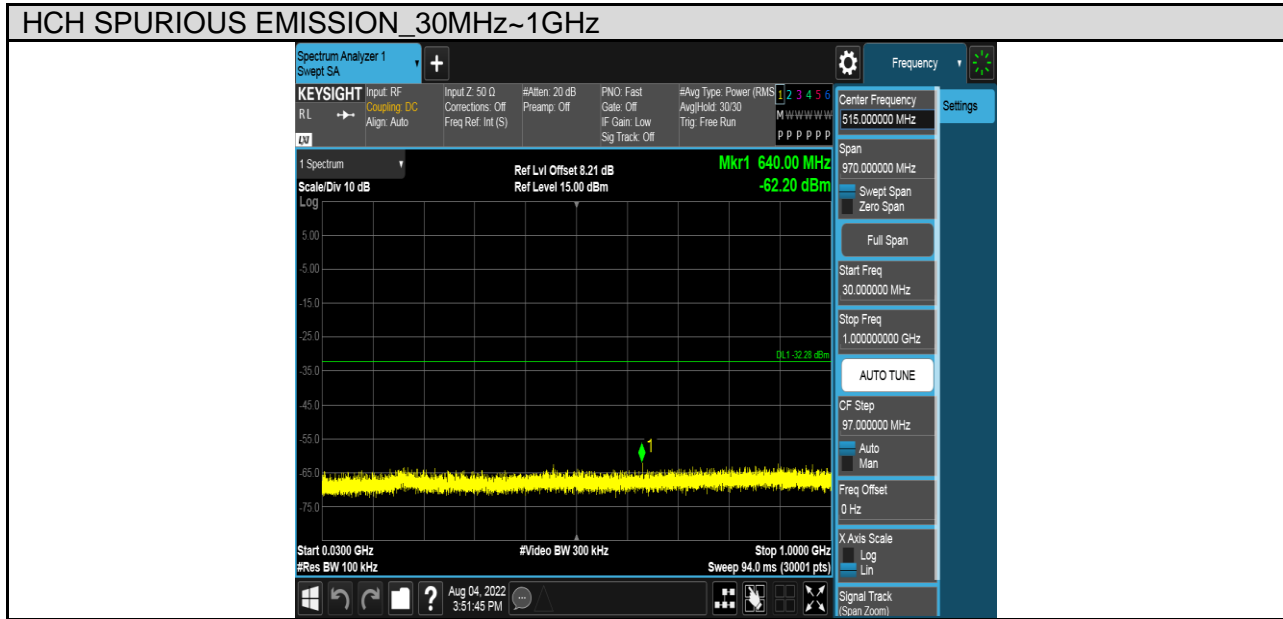


Test Mode	Channel	Verdict
11N HT20	MCH	PASS



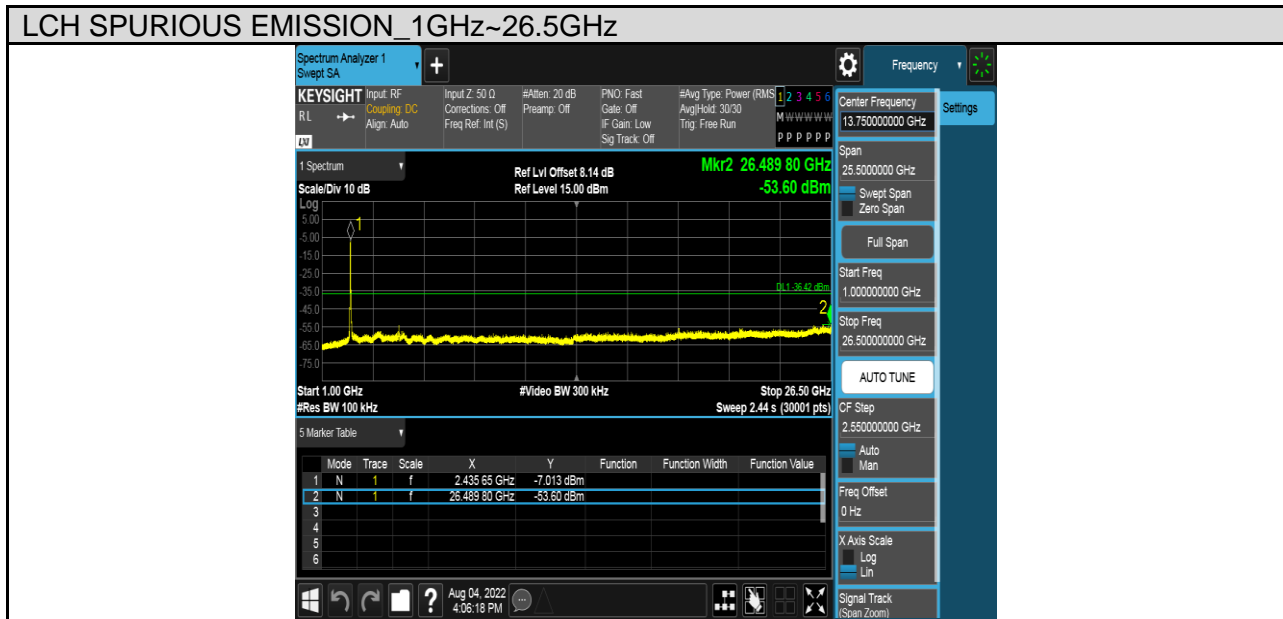
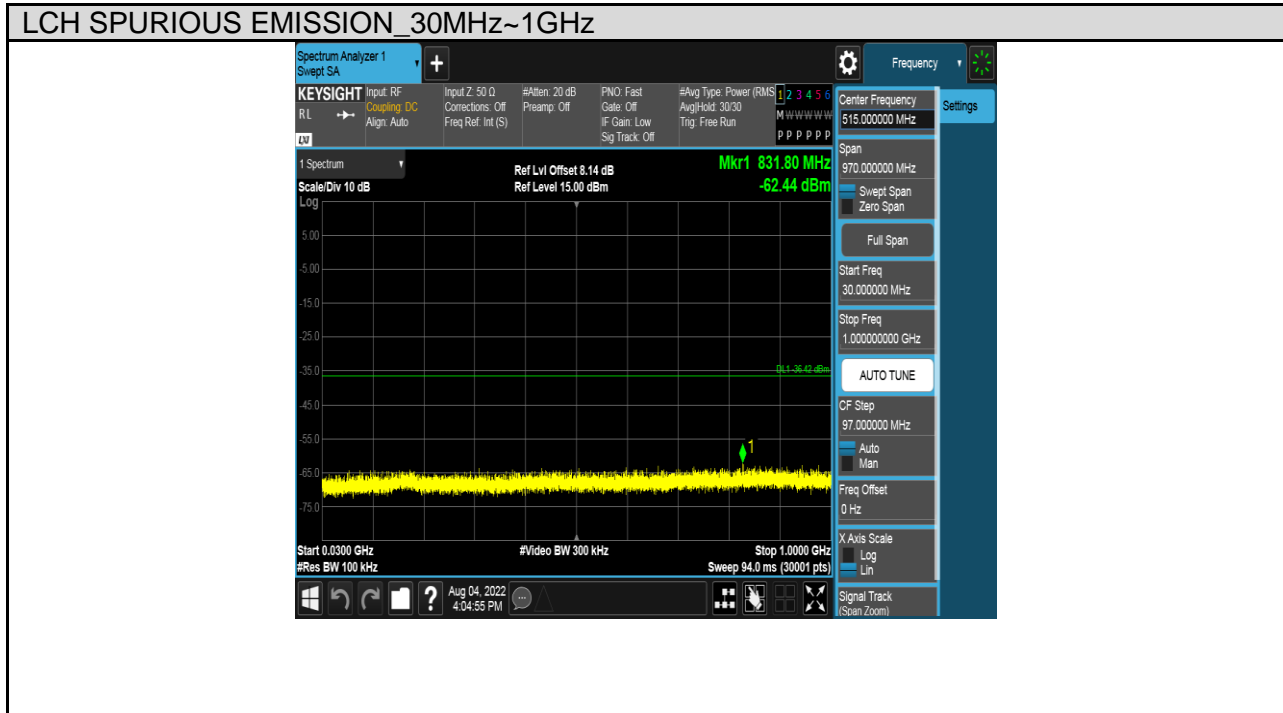


Test Mode	Channel	Verdict
11N HT20	HCH	PASS



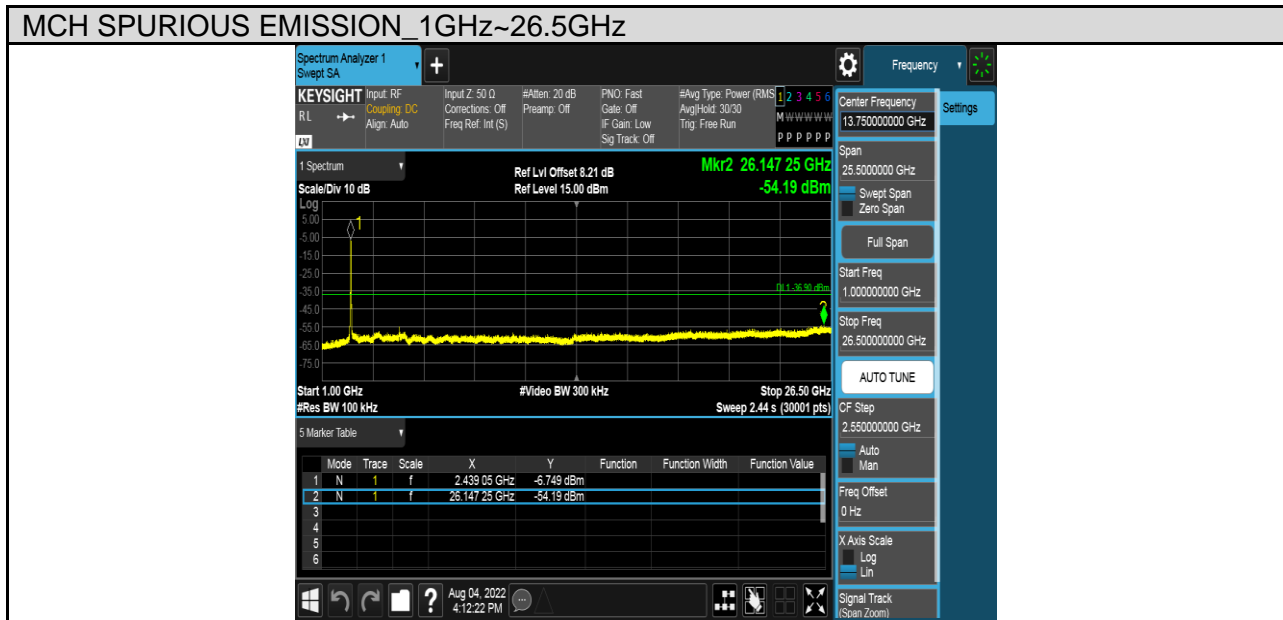
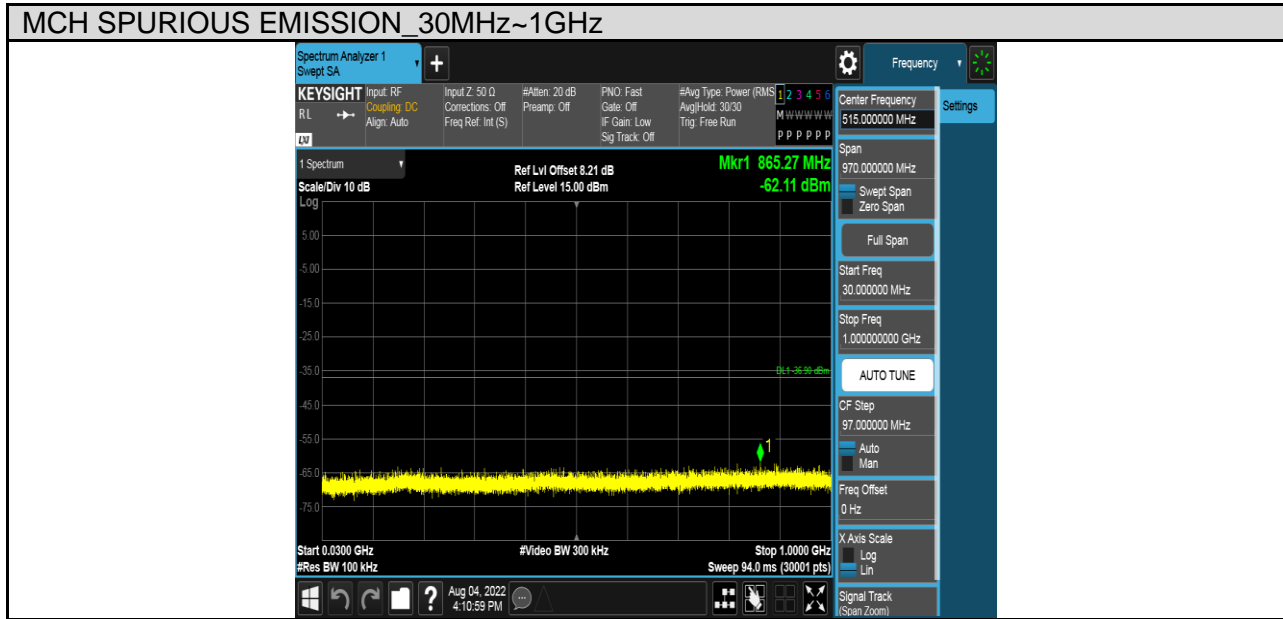


Test Mode	Channel	Verdict
11N HT40	LCH	PASS





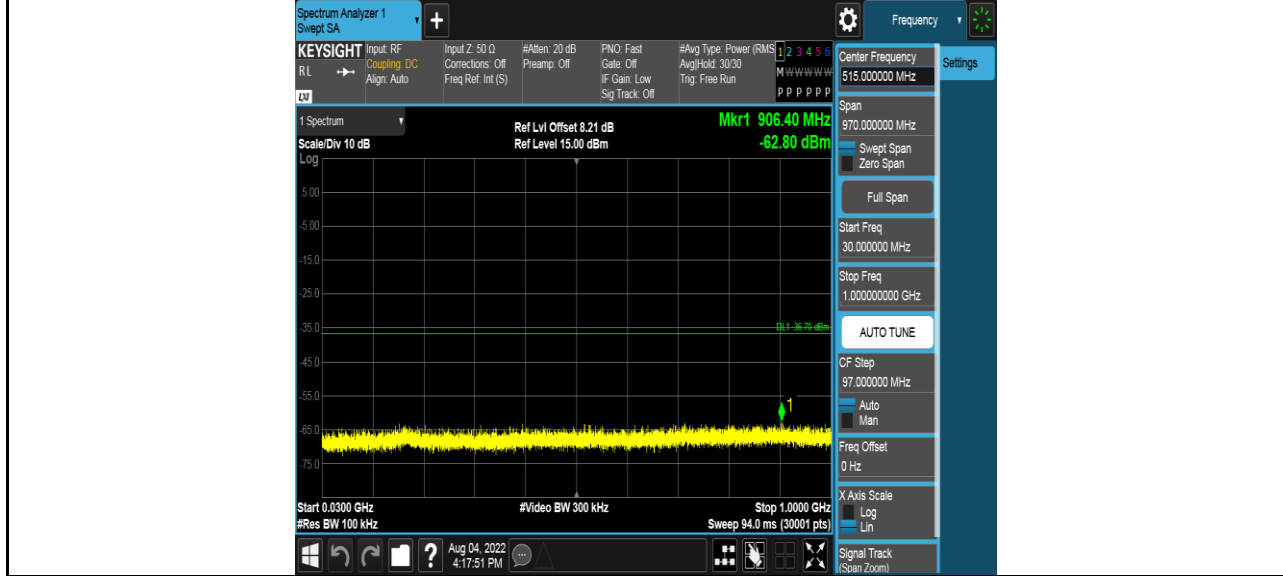
Test Mode	Channel	Verdict
11N HT40	MCH	PASS



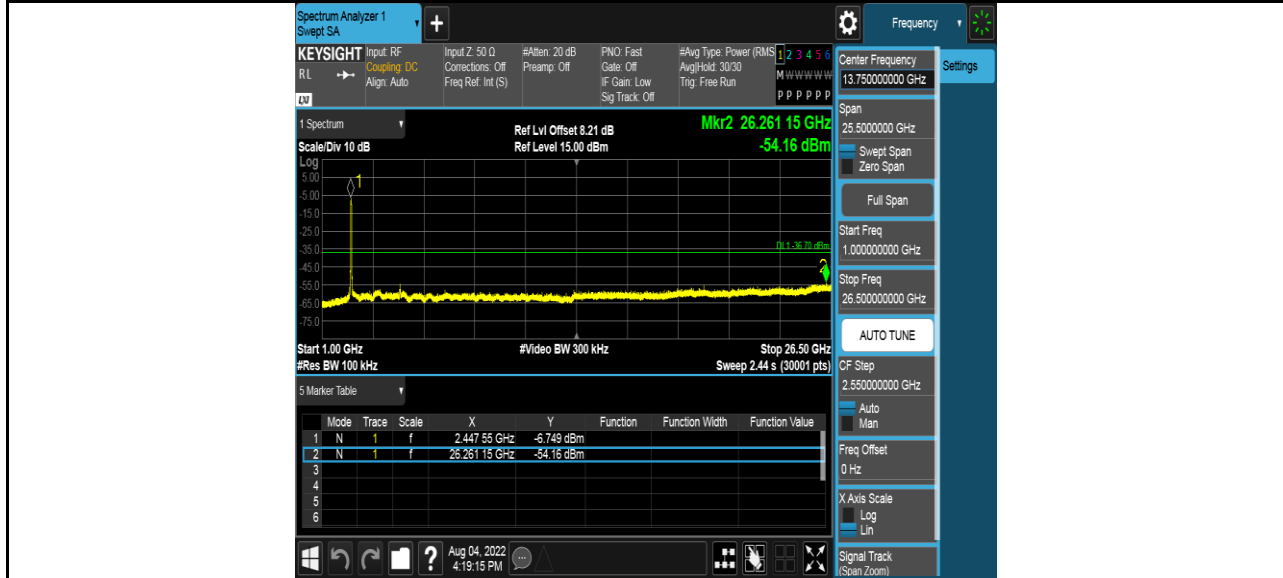


Test Mode	Channel	Verdict
11N HT40	HCH	PASS

HCH SPURIOUS EMISSION\_30MHz~1GHz



HCH SPURIOUS EMISSION\_1GHz~26.5GHz





## 8. RADIATED TEST RESULTS

### 8.1. LIMITS AND PROCEDURE

#### LIMITS

Please refer to FCC §15.205 and §15.209

Please refer to FCC KDB 558074

Radiation Disturbance Test Limit for FCC (Class B) (9kHz-1GHz)

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
960~1000	500	3

Note: 1) At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

(2) At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). This paragraph (f) shall not apply to Access BPL devices operating below 30 MHz.



Radiation Disturbance Test Limit for FCC (Above 1G)

Frequency (MHz)	dB(uV/m) (at 3 meters)	
	Peak	Average
Above 1000	74	54

Restricted bands of operation

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
<sup>1</sup> 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	( <sup>2</sup> )
13.36-13.41			

Note: <sup>1</sup>Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.  
<sup>2</sup>Above 38.6c