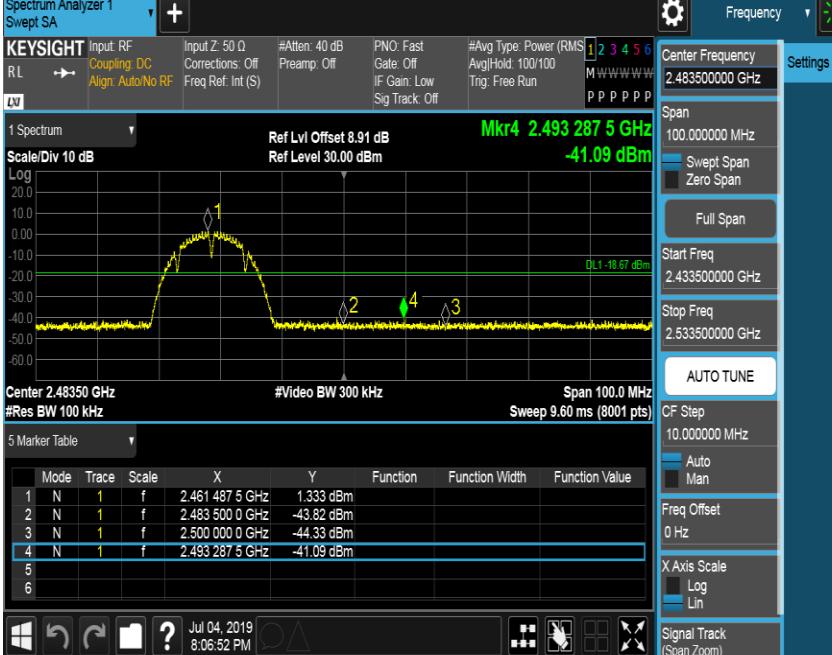


TEST GRAPHS

Antenna 1:

Test Mode	Test Channel	Verdict																																																						
11B SISO	LCH	PASS																																																						
 <p>Spectrum Analyzer 1 Swept SA</p> <p>KEYSIGHT Input: RF Input Z: 50 Ω #Atten: 40 dB PNO: Fast RL → Coupling: DC Corrections: Off Preamp: Off Gate: Off Align: Auto/No RF Freq Ref: Int (S) IF Gain: Low Avg/Hold: 100/100 Sig Track: Off Trig: Free Run</p> <p>1 Spectrum Ref Lvl Offset 8.95 dB Ref Level 30.00 dBm Mkr4 2.375 200 0 GHz -40.99 dBm</p> <p>Scale/Div 10 dB #Video BW 300 kHz Span 100.0 MHz Sweep 9.60 ms (8001 pts)</p> <p>Center 2.4000 GHz #Res BW 100 kHz</p> <p>5 Marker Table</p> <table border="1"> <thead> <tr> <th>Mode</th> <th>Trace</th> <th>Scale</th> <th>X</th> <th>Y</th> <th>Function</th> <th>Function Width</th> <th>Function Value</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N</td> <td>1</td> <td>f</td> <td>2.412 512 5 GHz</td> <td>1.610 dBm</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>N</td> <td>1</td> <td>f</td> <td>2.400 000 0 GHz</td> <td>-44.58 dBm</td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>N</td> <td>1</td> <td>f</td> <td>2.390 000 0 GHz</td> <td>-43.27 dBm</td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>N</td> <td>1</td> <td>f</td> <td>2.375 200 0 GHz</td> <td>-40.99 dBm</td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Jul 04, 2019 8:02:33 PM</p>	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value	1	N	1	f	2.412 512 5 GHz	1.610 dBm			2	N	1	f	2.400 000 0 GHz	-44.58 dBm			3	N	1	f	2.390 000 0 GHz	-43.27 dBm			4	N	1	f	2.375 200 0 GHz	-40.99 dBm			5								6							
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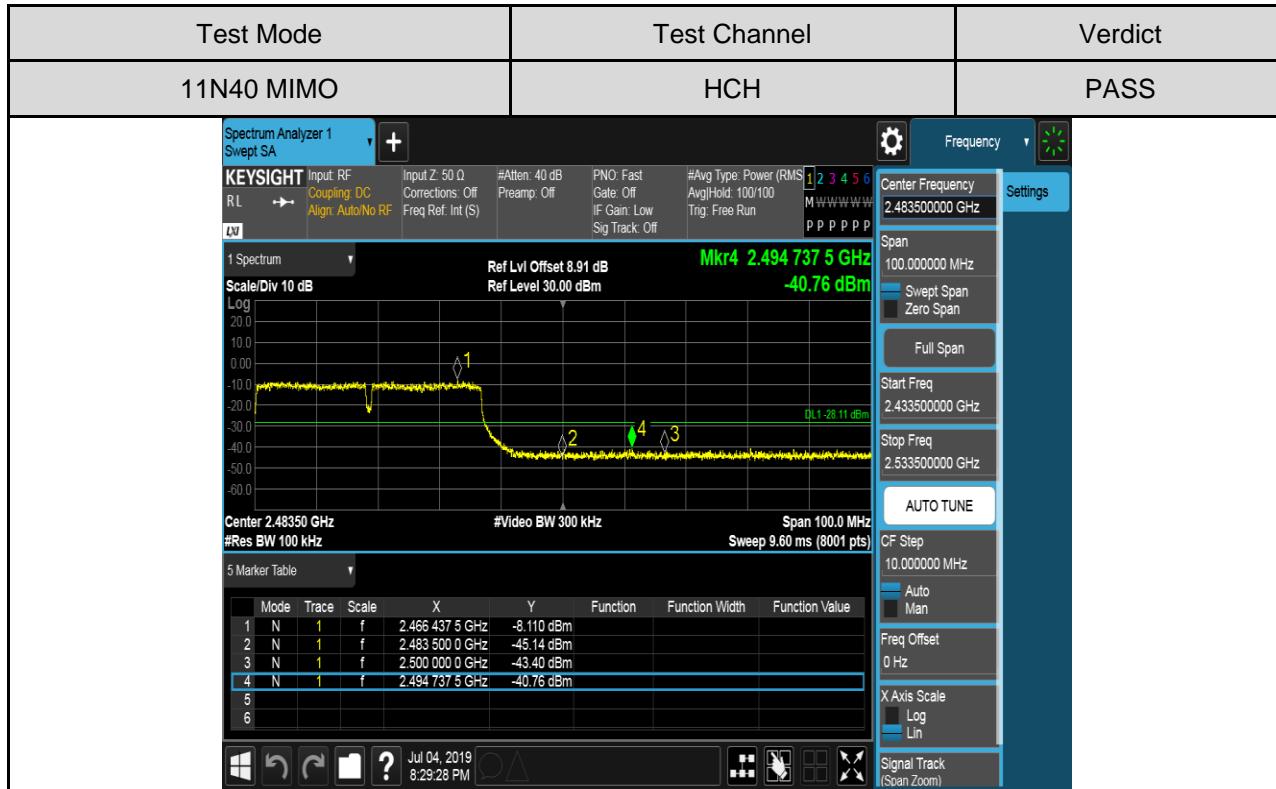
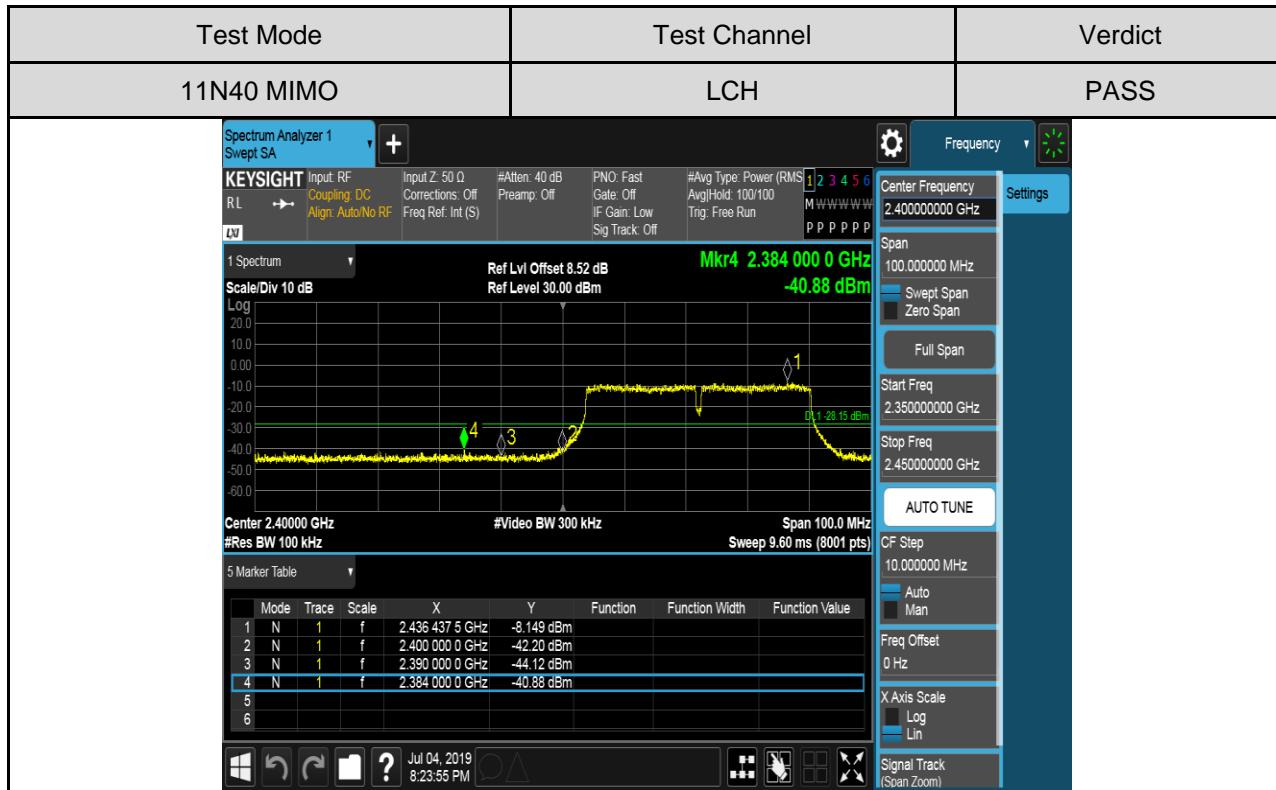
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Test Mode	Test Channel	Verdict
11G SISO	LCH	PASS
		

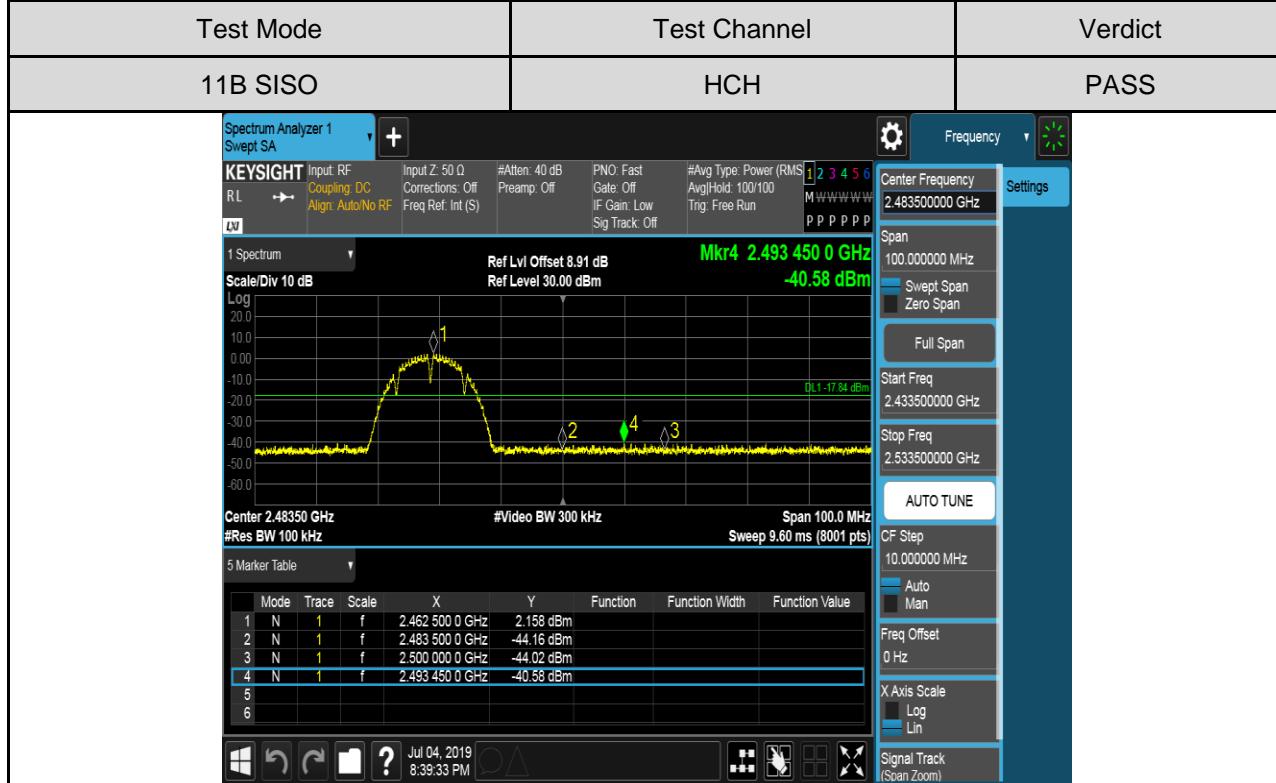
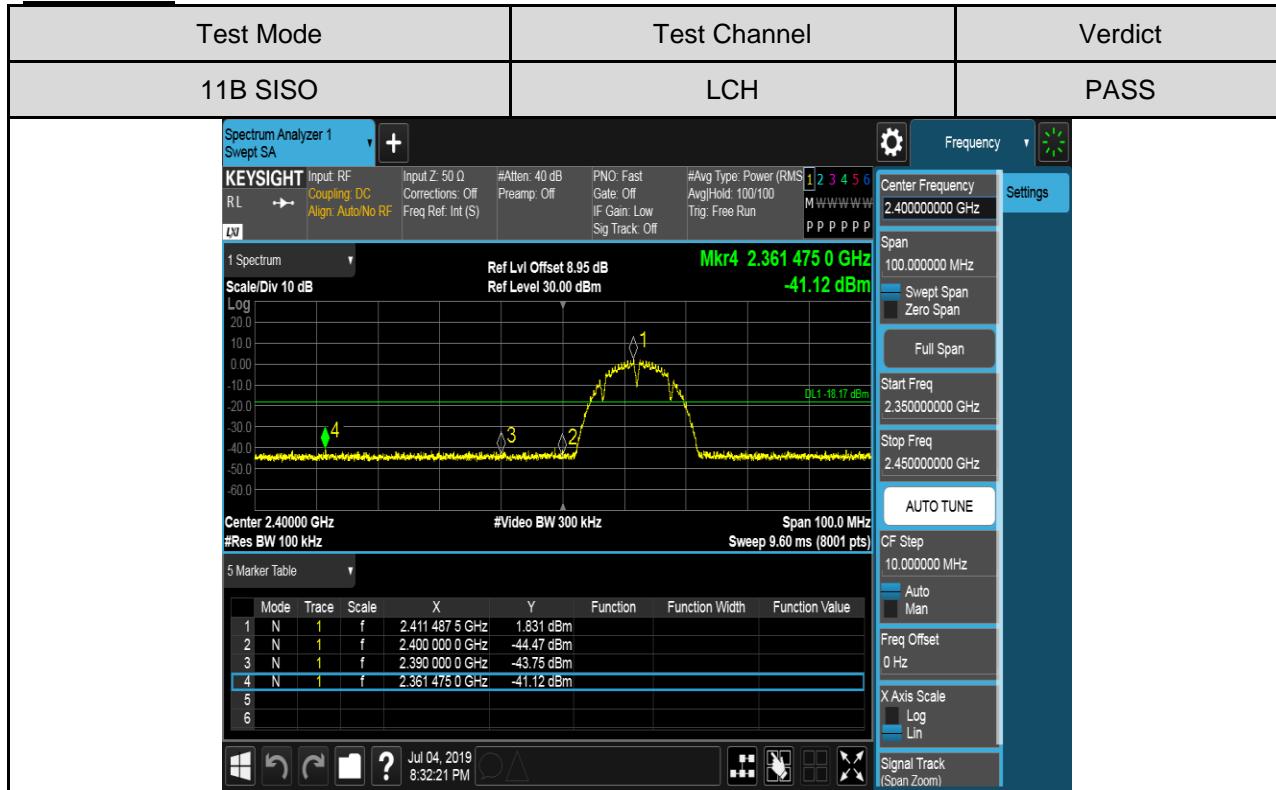
Test Mode		Test Channel		Verdict
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Test Mode	Test Channel	Verdict																																																								
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Antenna 2:

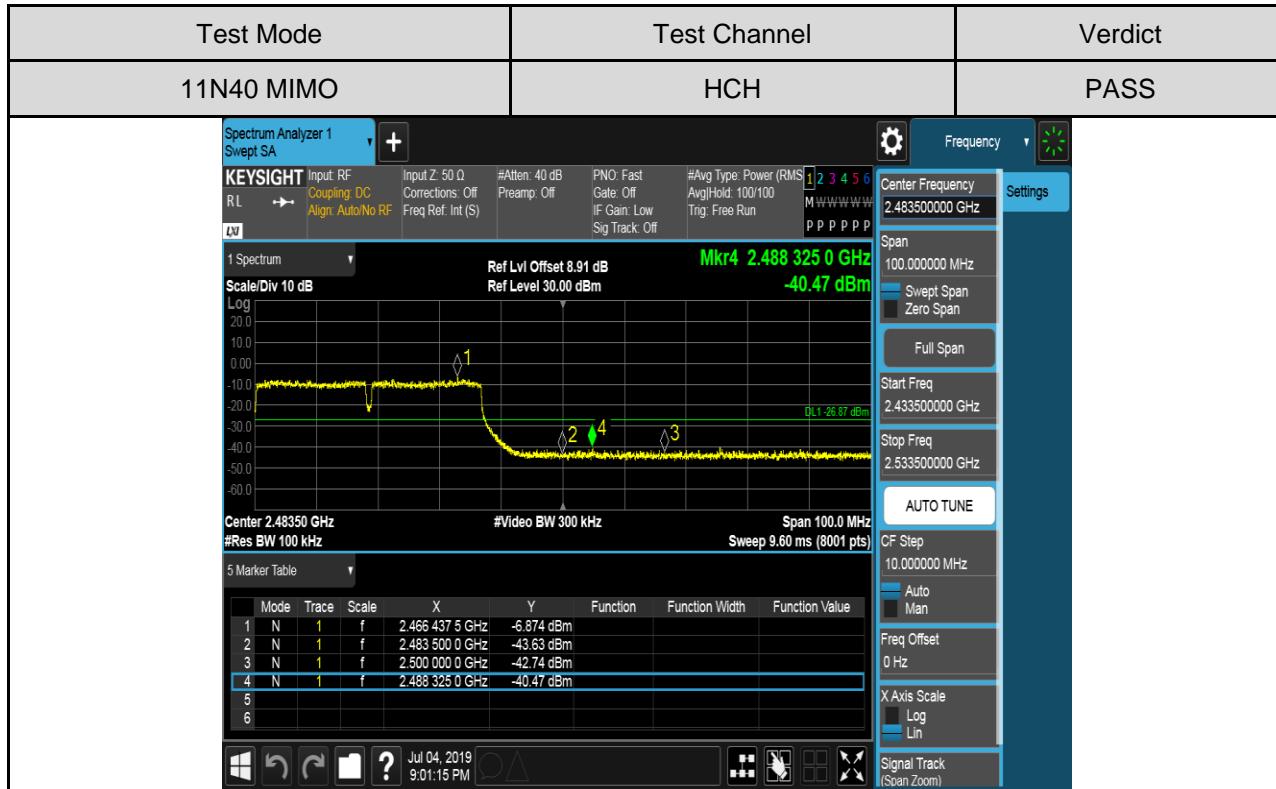
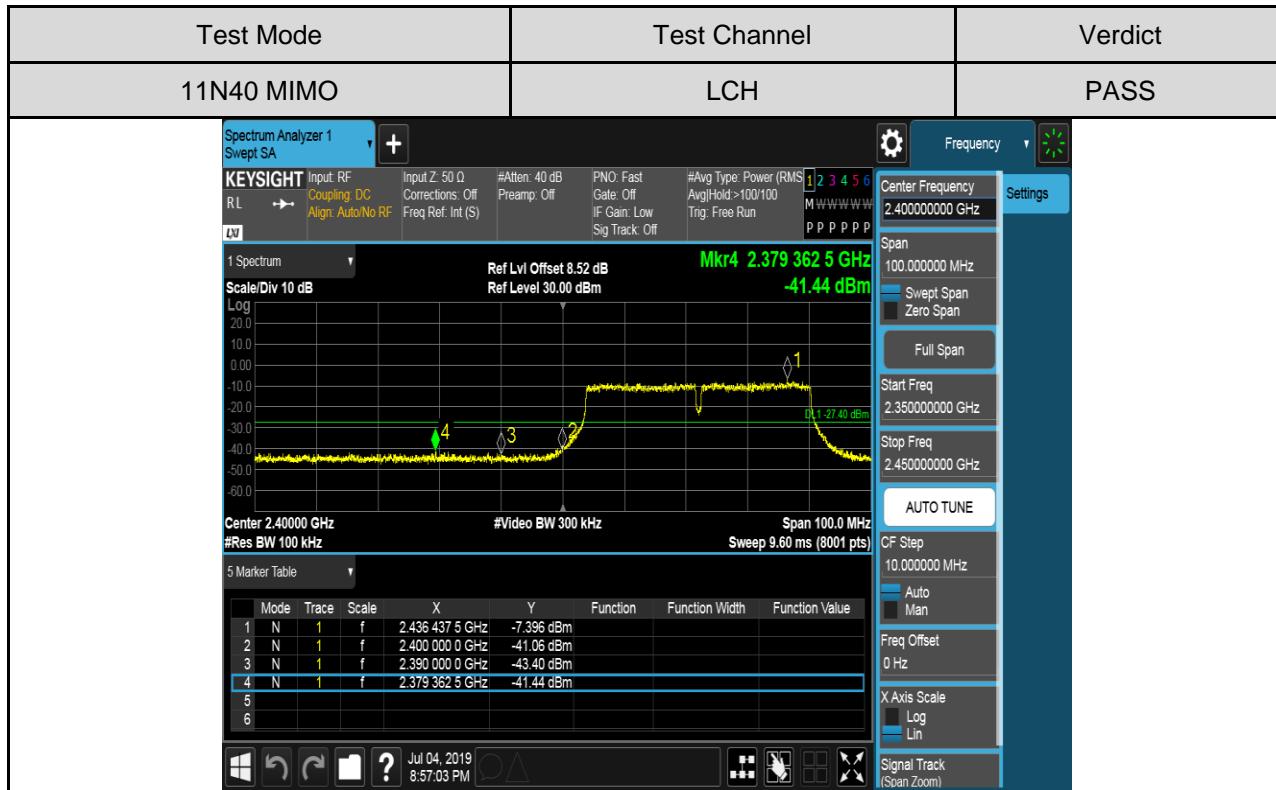


Test Mode	Test Channel	Verdict
11G SISO	LCH	PASS
		

Test Mode		Test Channel		Verdict
11G SISO		HCH		PASS

Test Mode	Test Channel	Verdict																																																								
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Part II :Conducted Emission

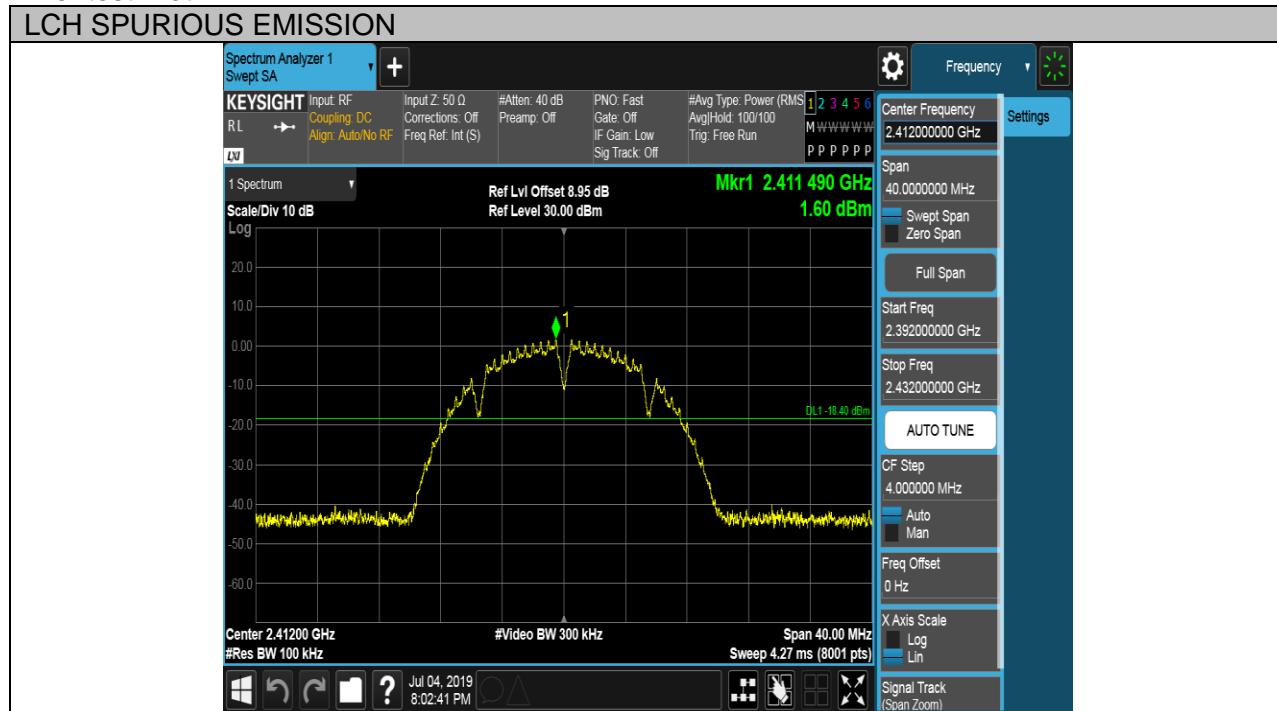
Test Result Table

Test Mode	Test Antenna	Channel	Pref(dBm)	Puw(dBm)	Verdict
11B SISO	Antenna 1	LCH	1.60	<Limit	PASS
		MCH	1.35	<Limit	PASS
		HCH	1.23	<Limit	PASS
	Antenna 2	LCH	1.77	<Limit	PASS
		MCH	1.82	<Limit	PASS
		HCH	2.07	<Limit	PASS
11G SISO	Antenna 1	LCH	-6.27	<Limit	PASS
		MCH	-6.56	<Limit	PASS
		HCH	-6.51	<Limit	PASS
	Antenna 2	LCH	-5.88	<Limit	PASS
		MCH	-5.96	<Limit	PASS
		HCH	-5.37	<Limit	PASS
11N MIMO20	Antenna 1	LCH	-6.10	<Limit	PASS
		MCH	-6.19	<Limit	PASS
		HCH	-6.44	<Limit	PASS
	Antenna 2	LCH	-5.56	<Limit	PASS
		MCH	-5.69	<Limit	PASS
		HCH	-5.40	<Limit	PASS
11N MIMO40	Antenna 1	LCH	-8.06	<Limit	PASS
		MCH	-8.30	<Limit	PASS
		HCH	-8.52	<Limit	PASS
	Antenna 2	LCH	-7.22	<Limit	PASS
		MCH	-7.50	<Limit	PASS
		HCH	-7.31	<Limit	PASS

Remark: 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.

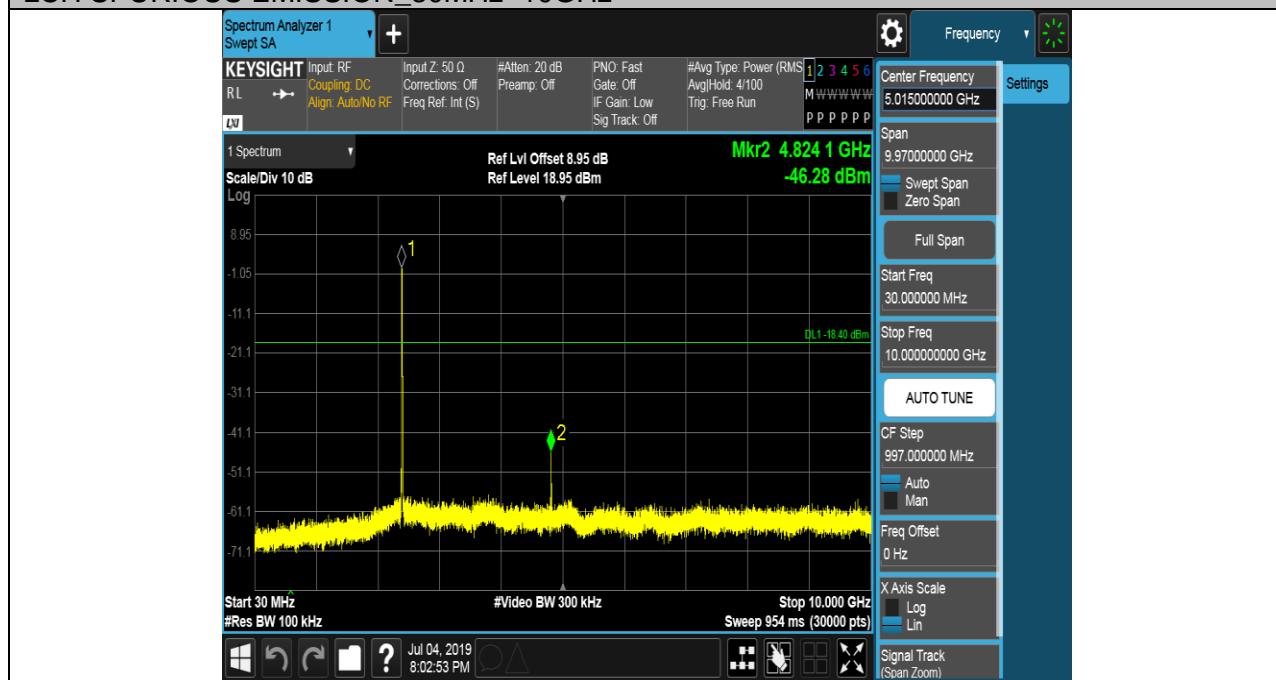
Test Plots
Antenna 1:

Test Mode	Channel	Verdict
11B	LCH	PASS

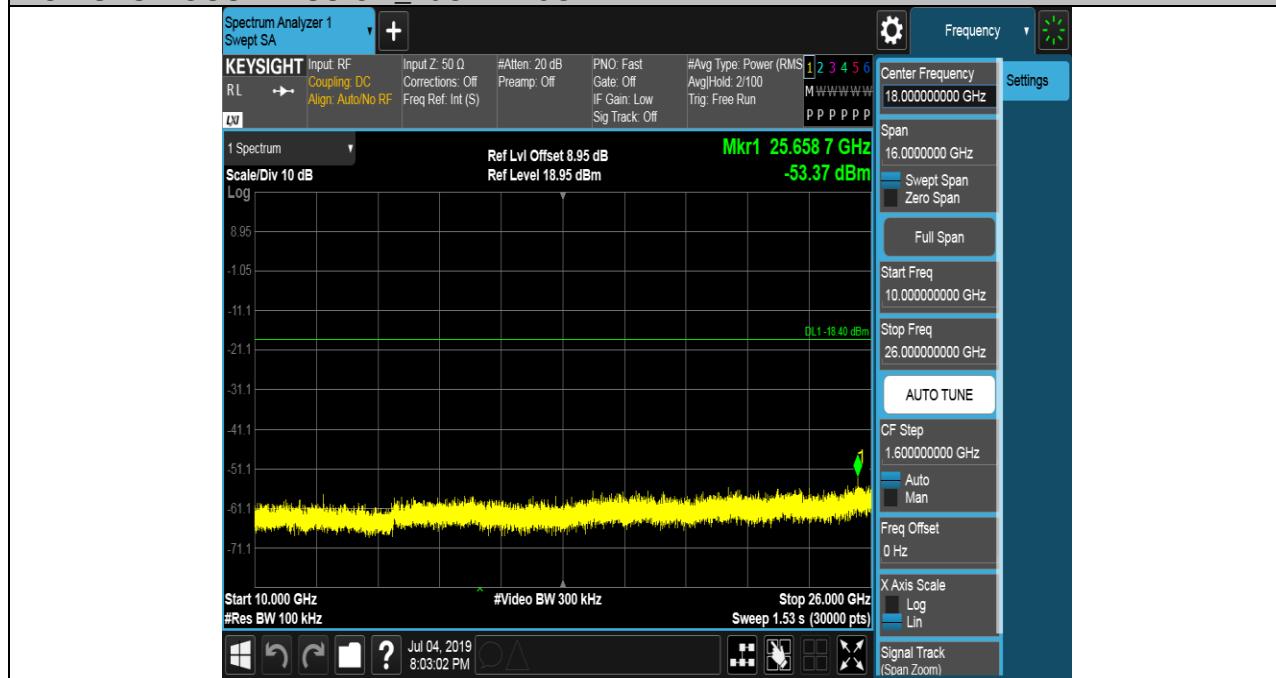
Pref test Plot


Puw test Plot

LCH SPURIOUS EMISSION_30MHz~10GHz

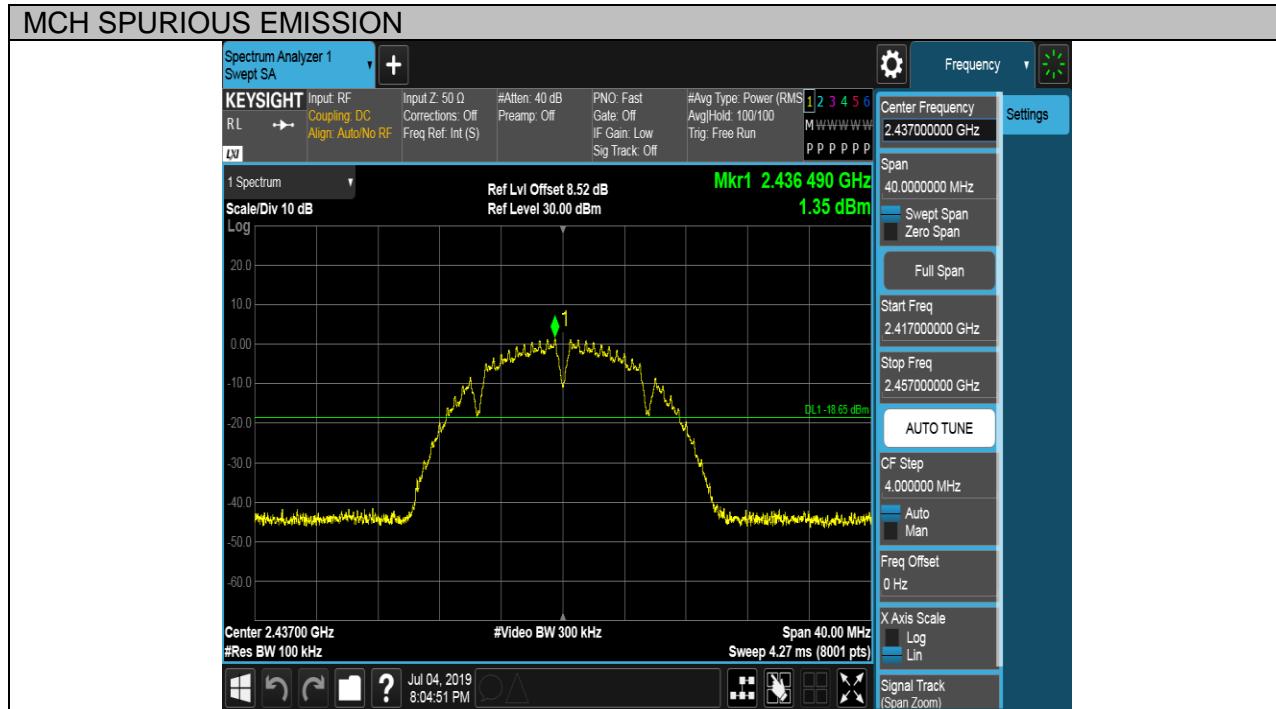


LCH SPURIOUS EMISSION_10GHz~26GHz

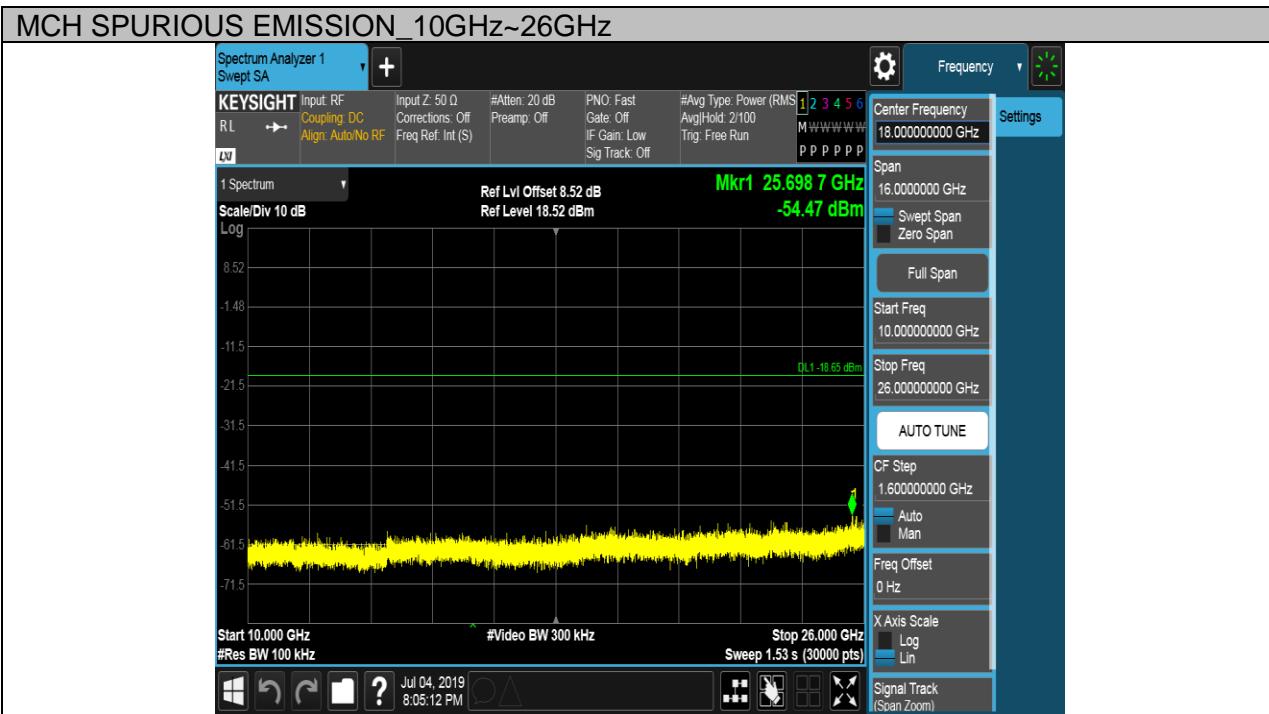
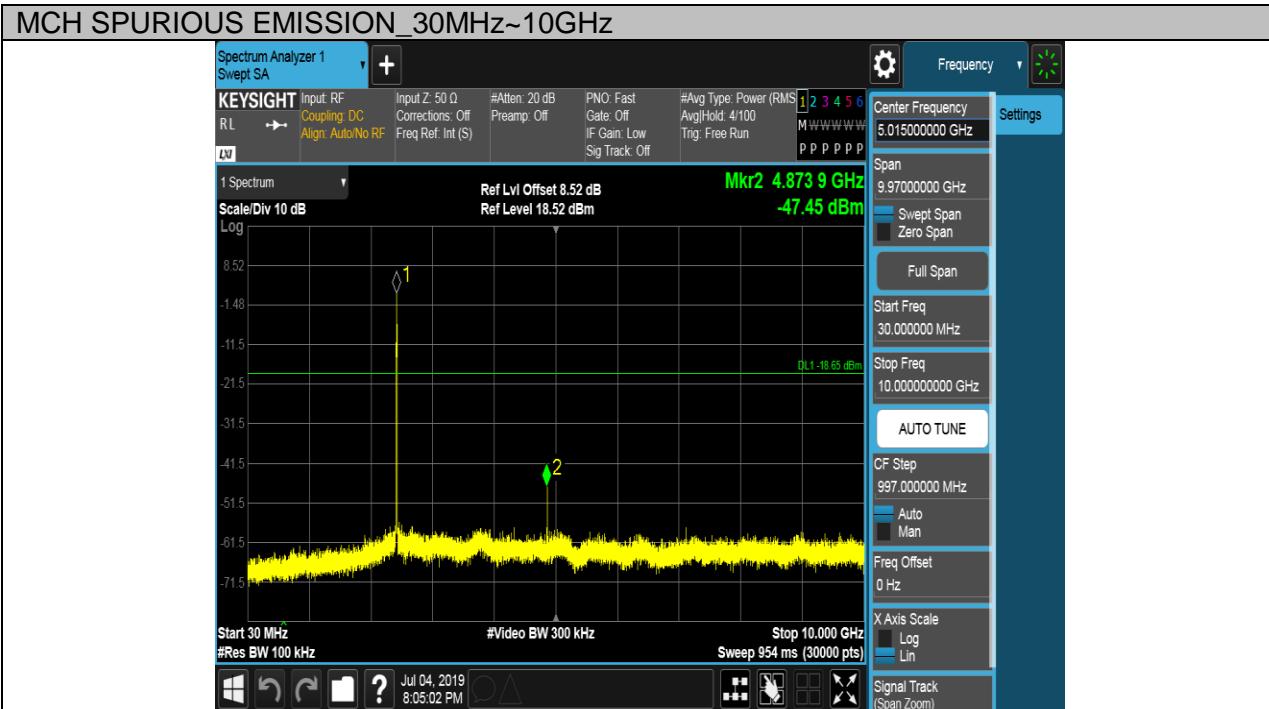


Test Mode	Channel	Verdict
11B	MCH	PASS

Pref test Plot

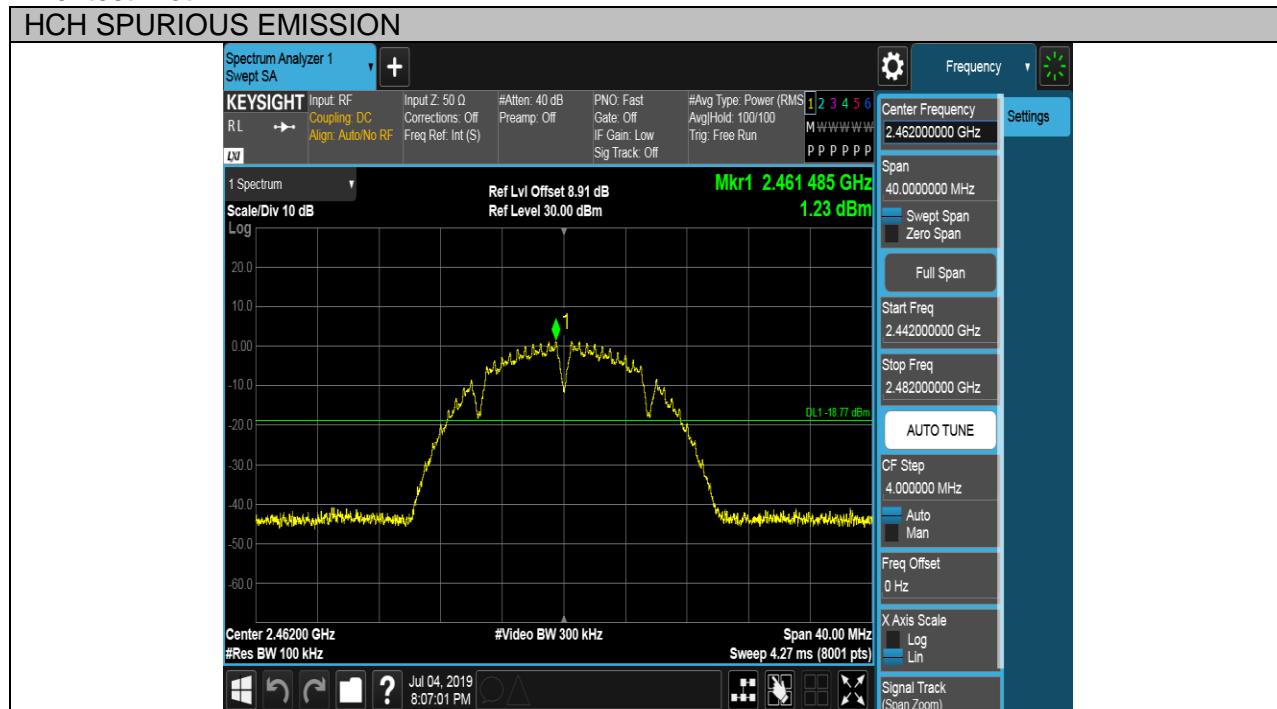


Puw test Plot

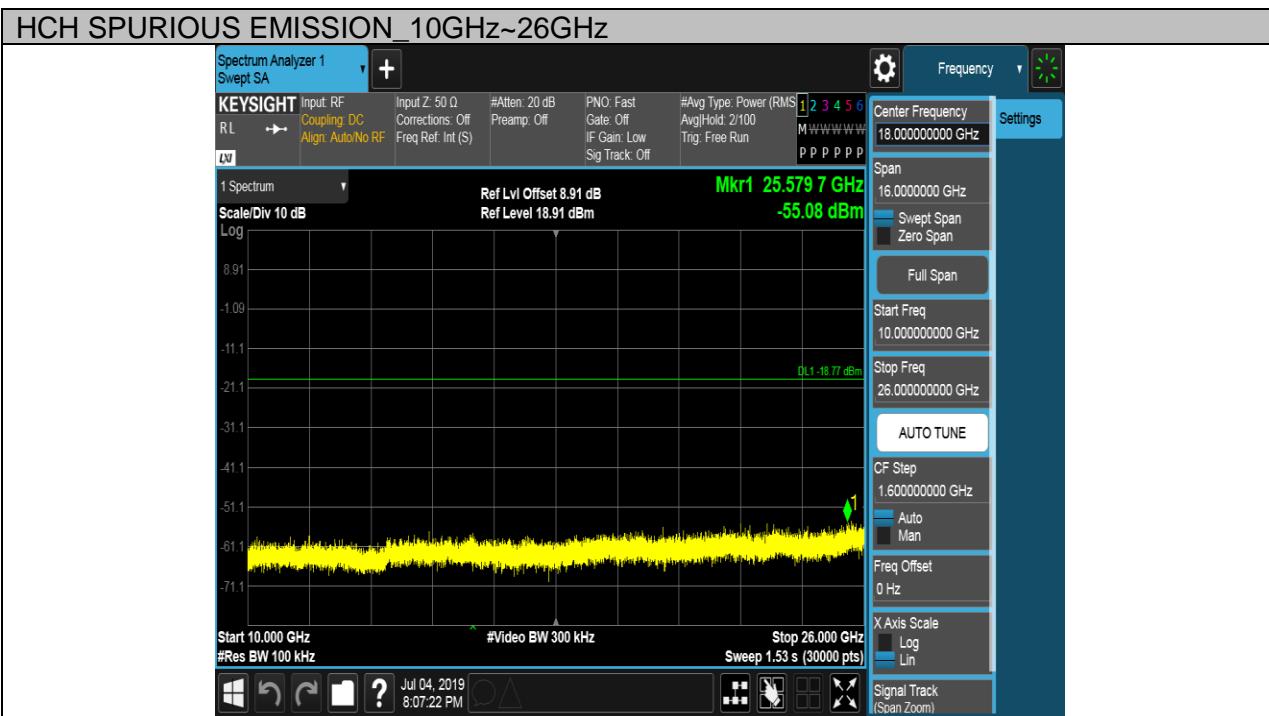
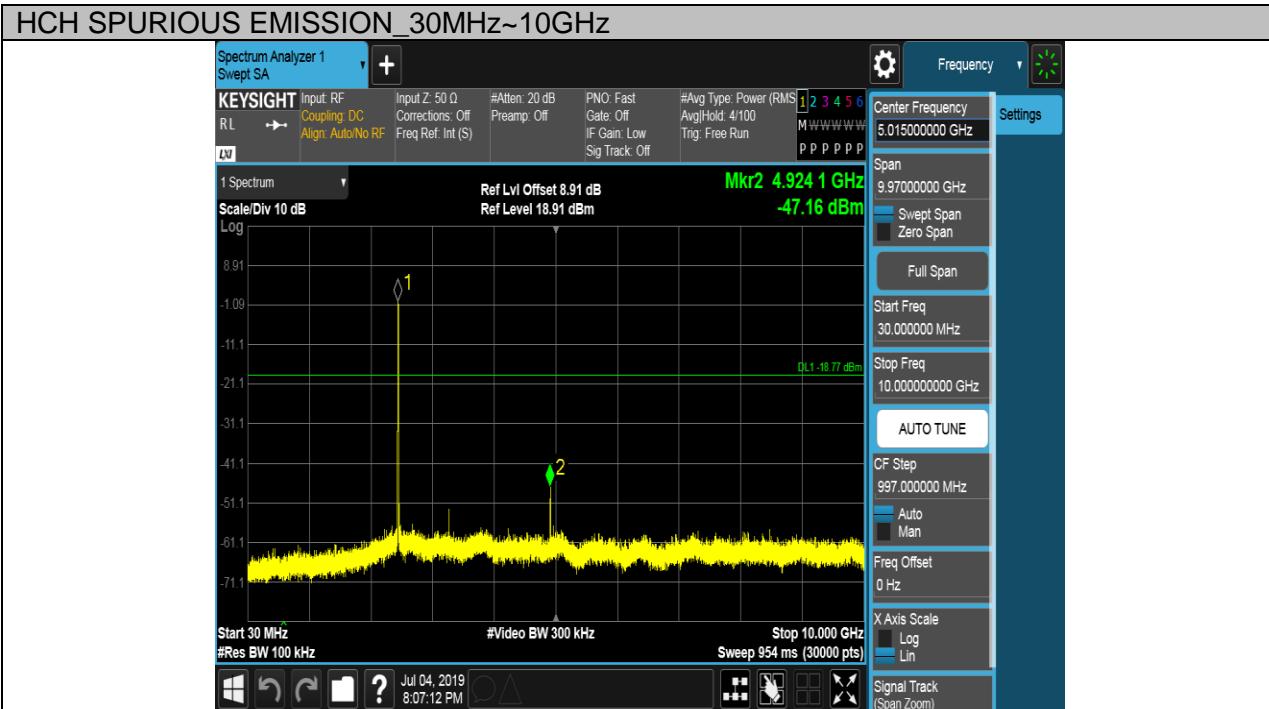


Test Mode	Channel	Verdict
11B	HCH	PASS

Pref test Plot



Puw test Plot

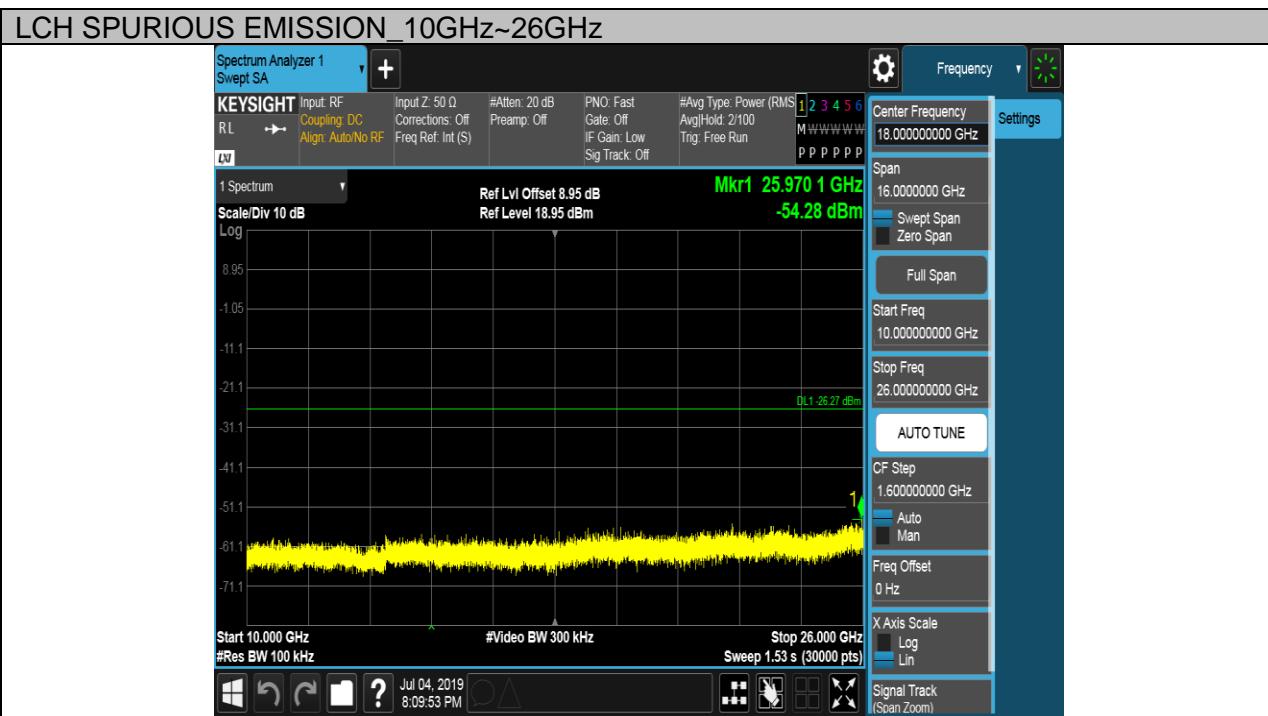
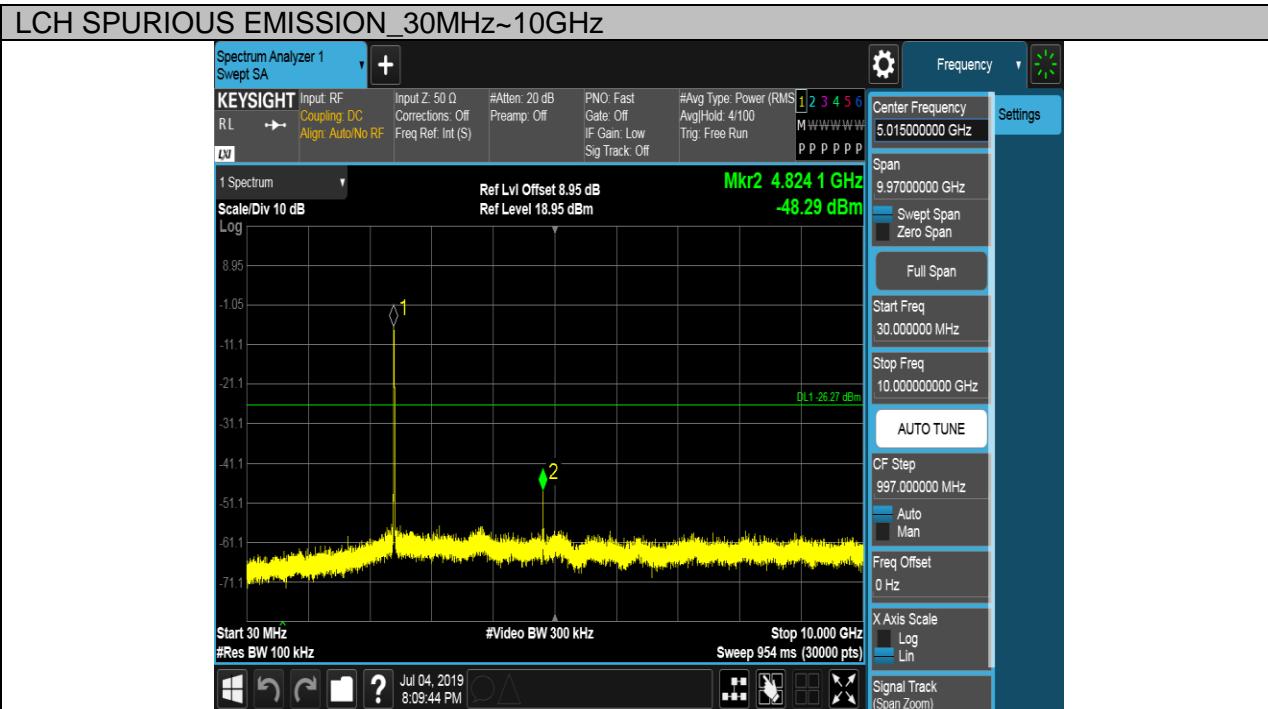


Test Mode	Channel	Verdict
11G	LCH	PASS

Pref test Plot



Puw test Plot

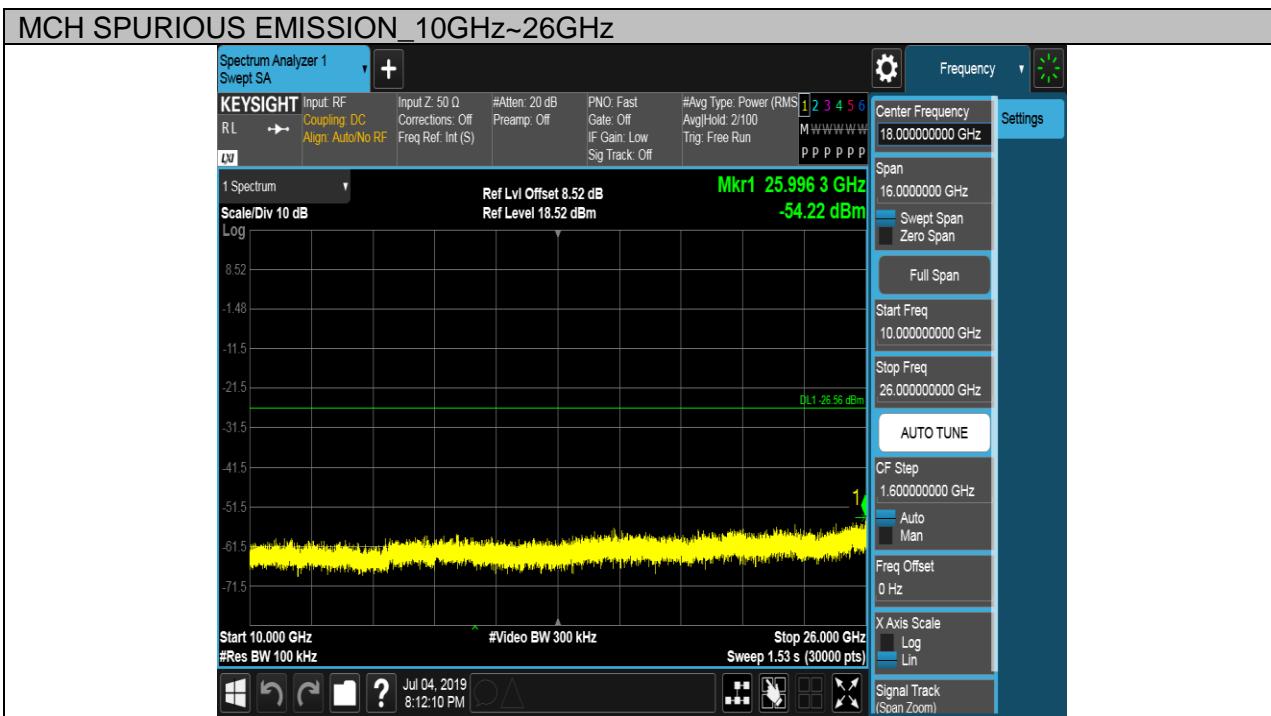
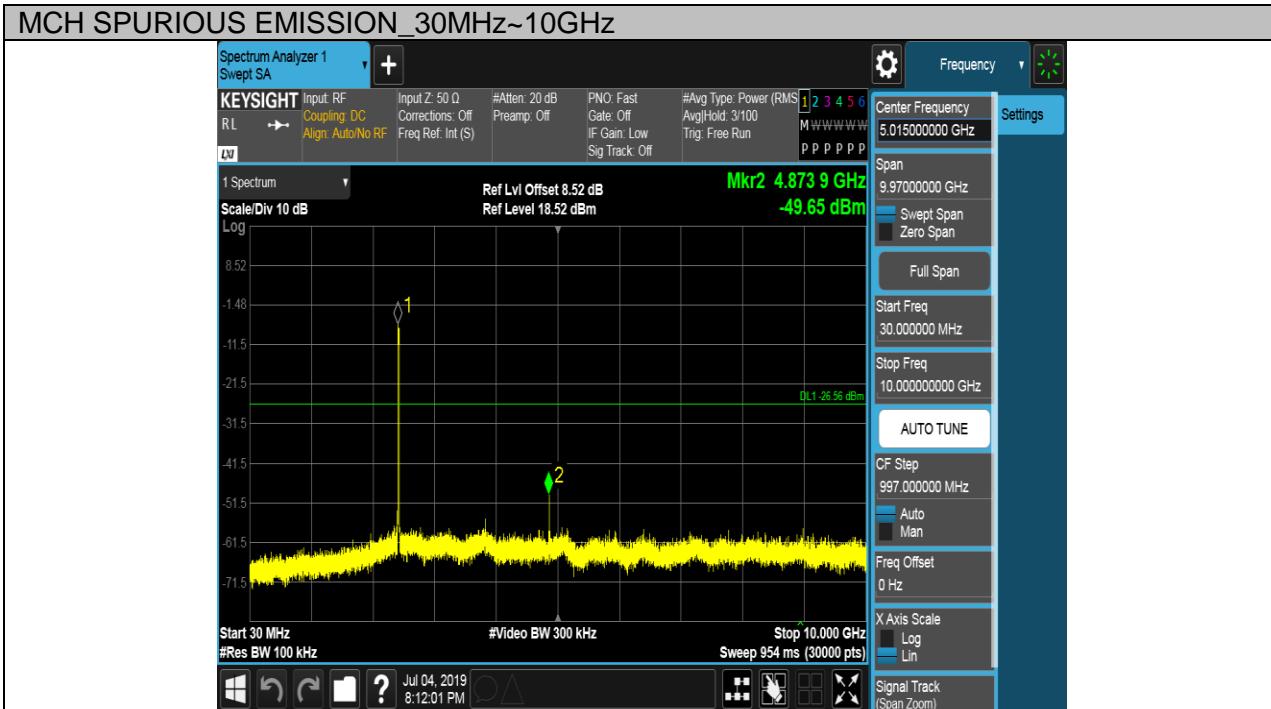


Test Mode	Channel	Verdict
11G	MCH	PASS

Pref test Plot



Puw test Plot



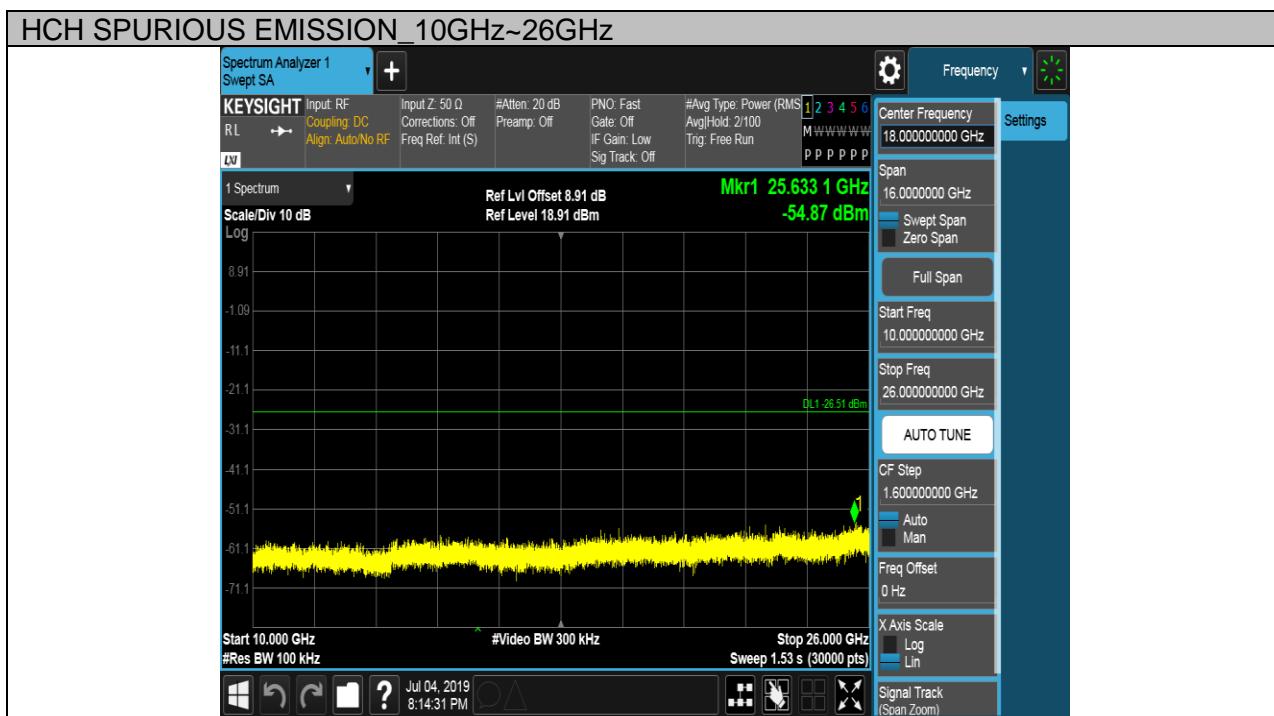
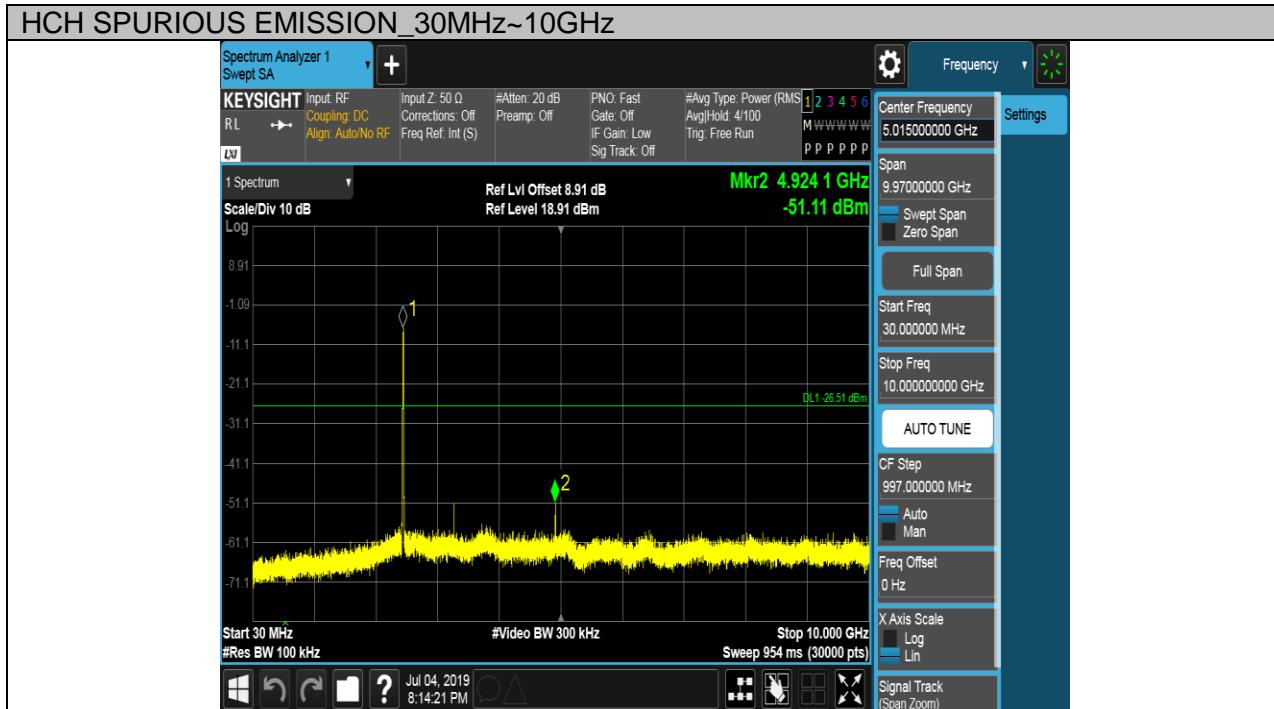
Test Mode	Channel	Verdict
11G	HCH	PASS

Pref test Plot



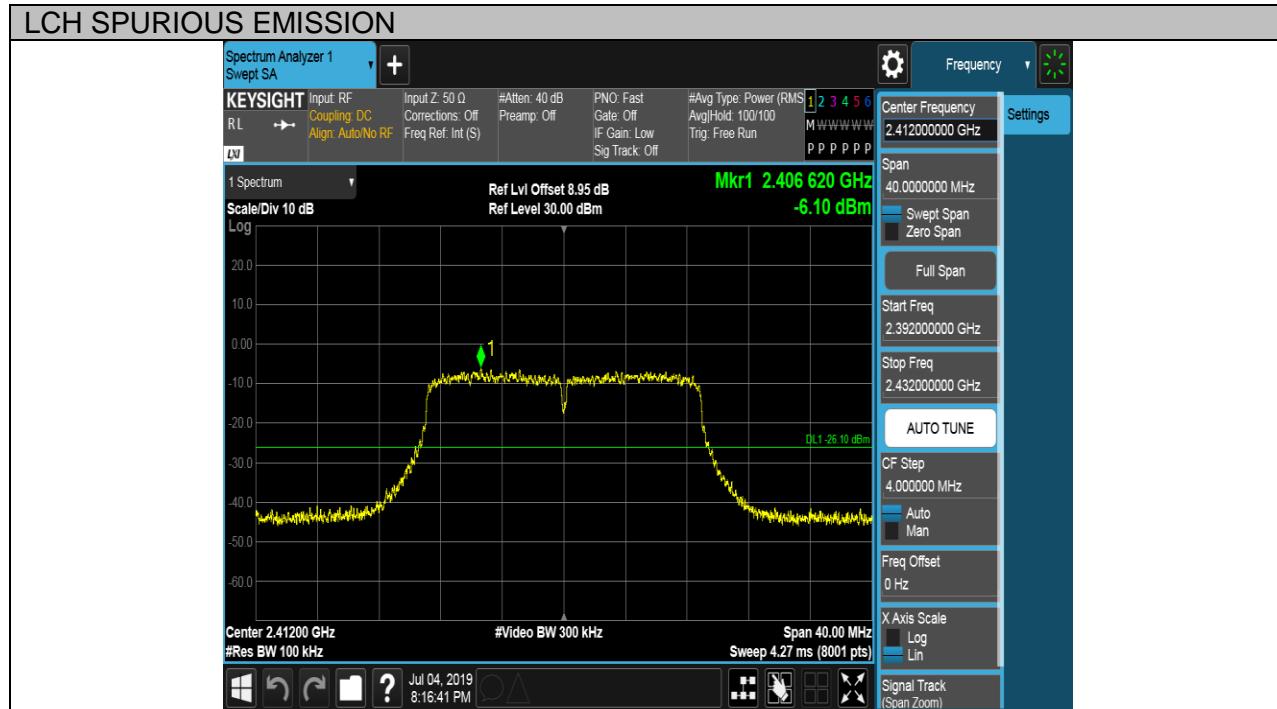


Puw test Plot

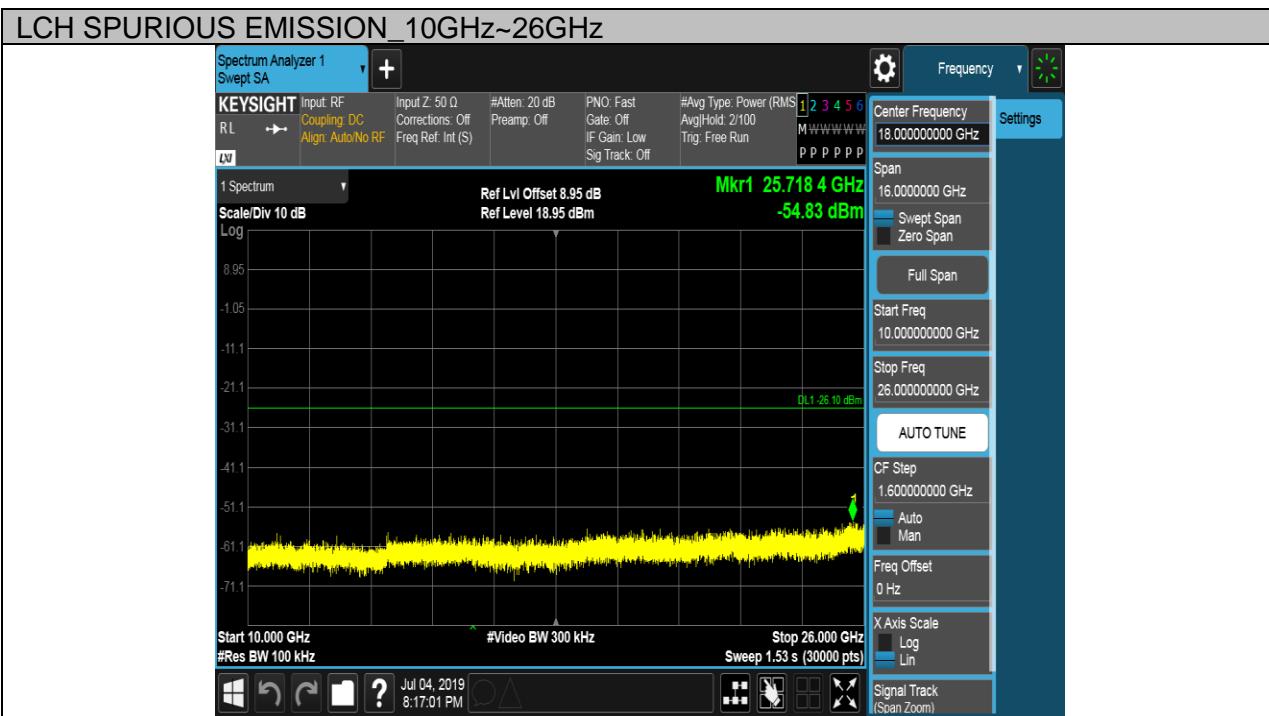
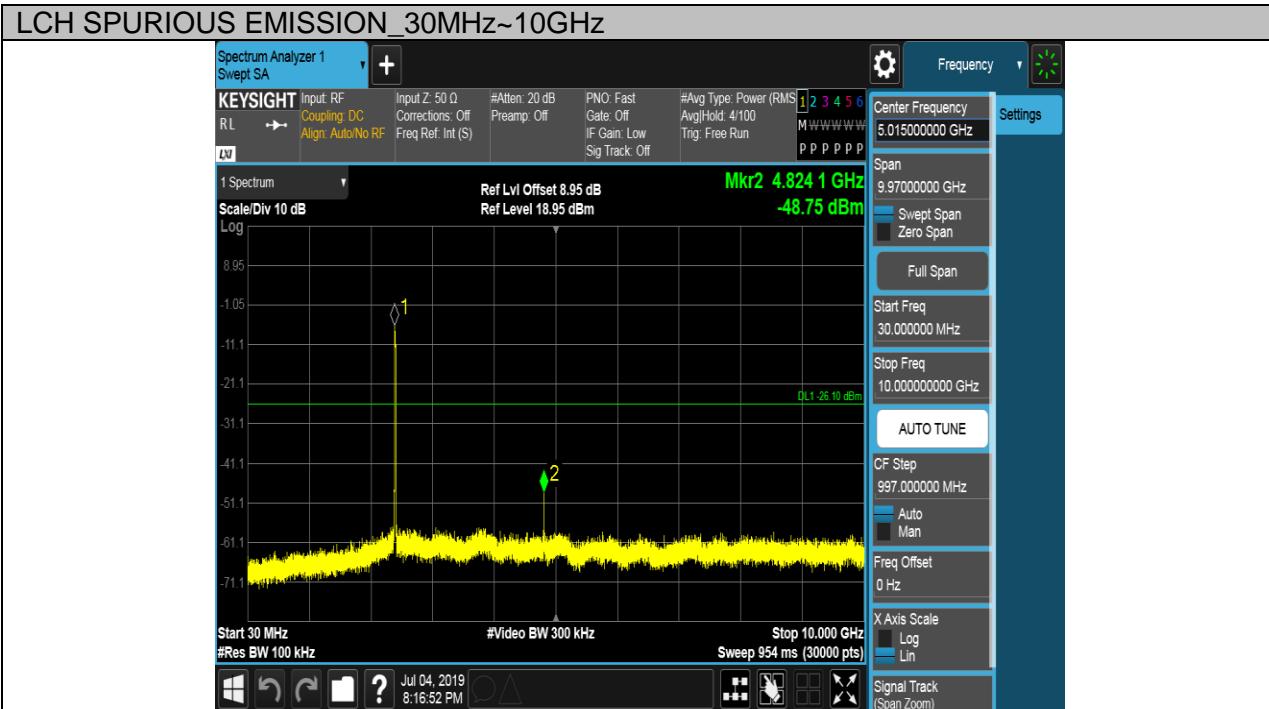


Test Mode	Channel	Verdict
11N20 MIMO	LCH	PASS

Pref test Plot

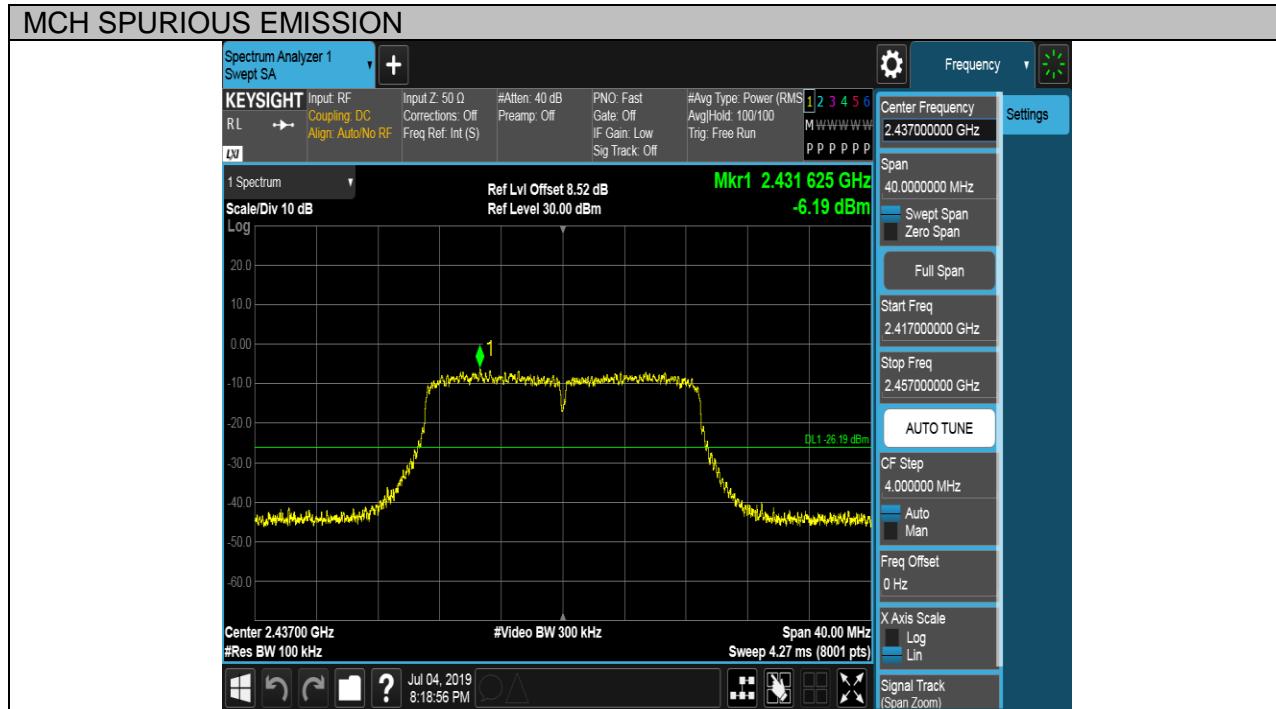


Puw test Plot

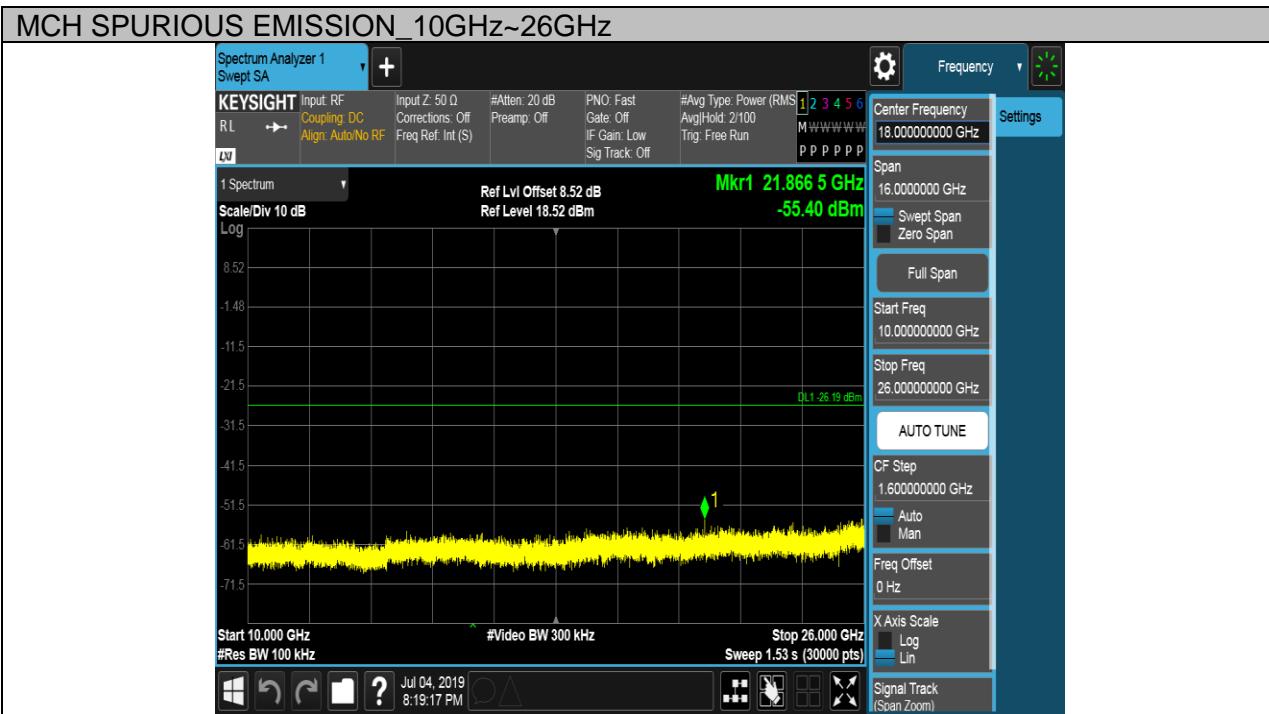
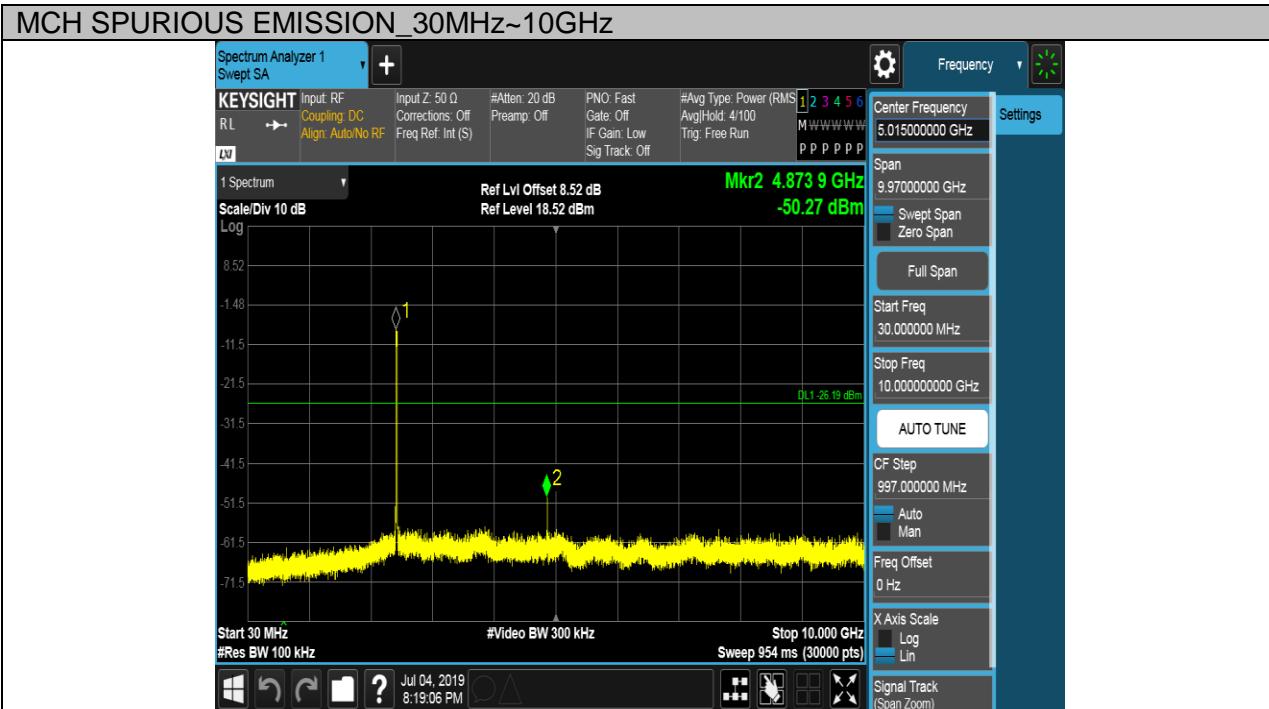


Test Mode	Channel	Verdict
11N20 MIMO	MCH	PASS

Pref test Plot

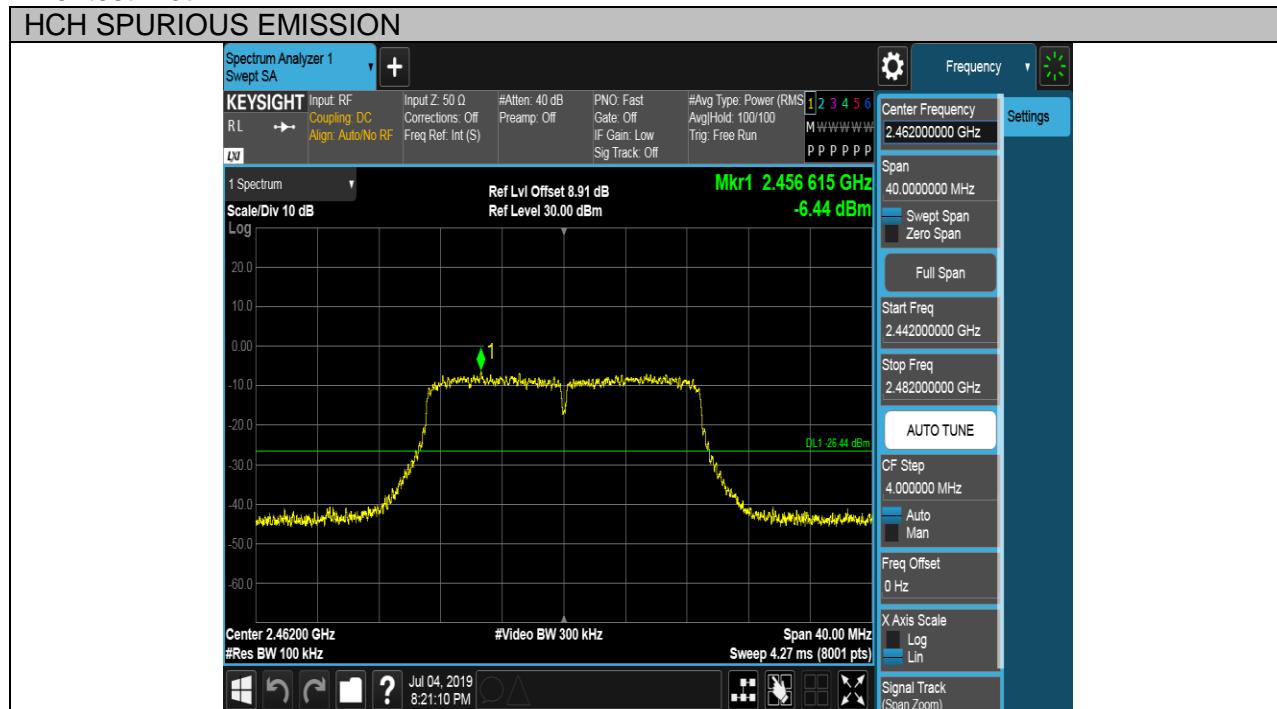


Puw test Plot

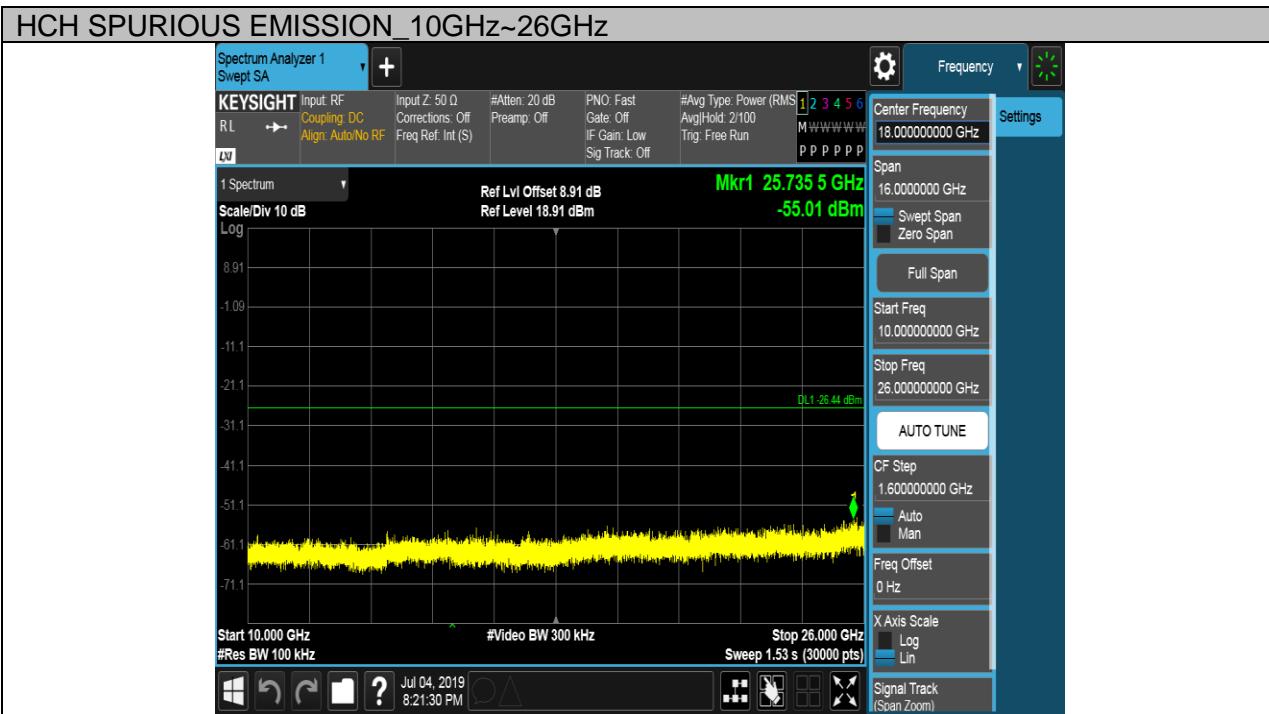
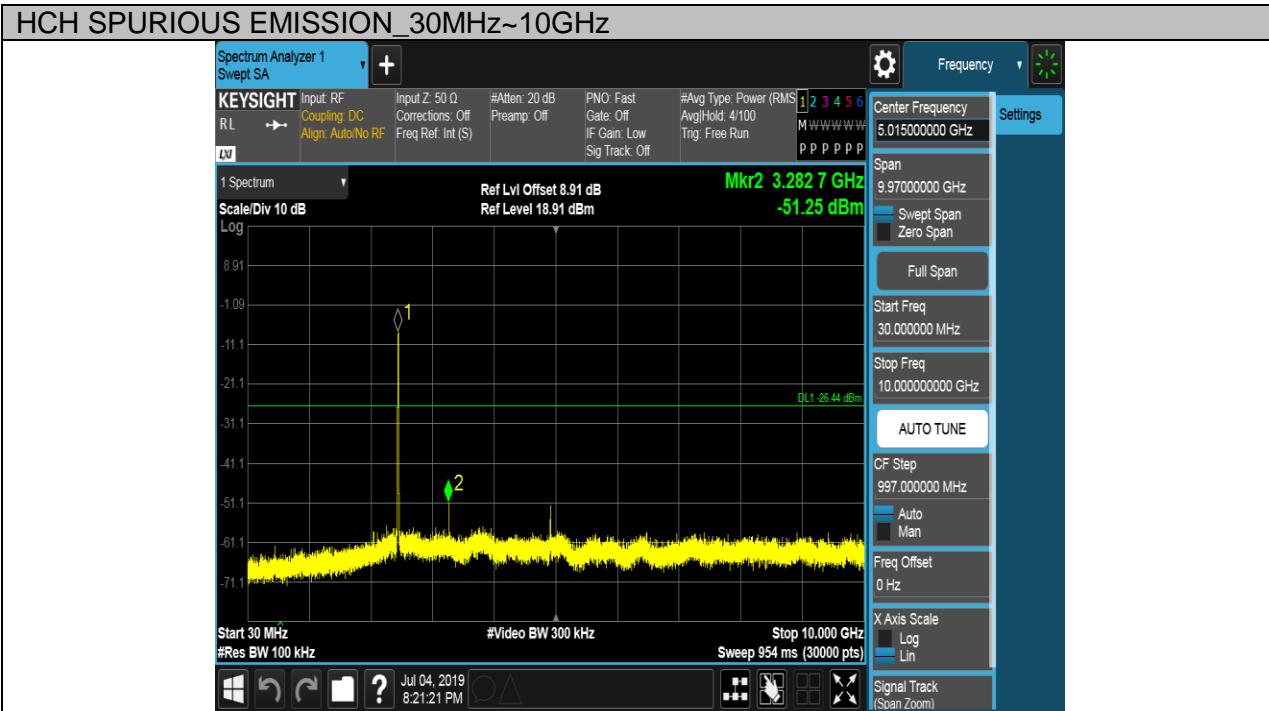


Test Mode	Channel	Verdict
11N20 MIMO	HCH	PASS

Pref test Plot

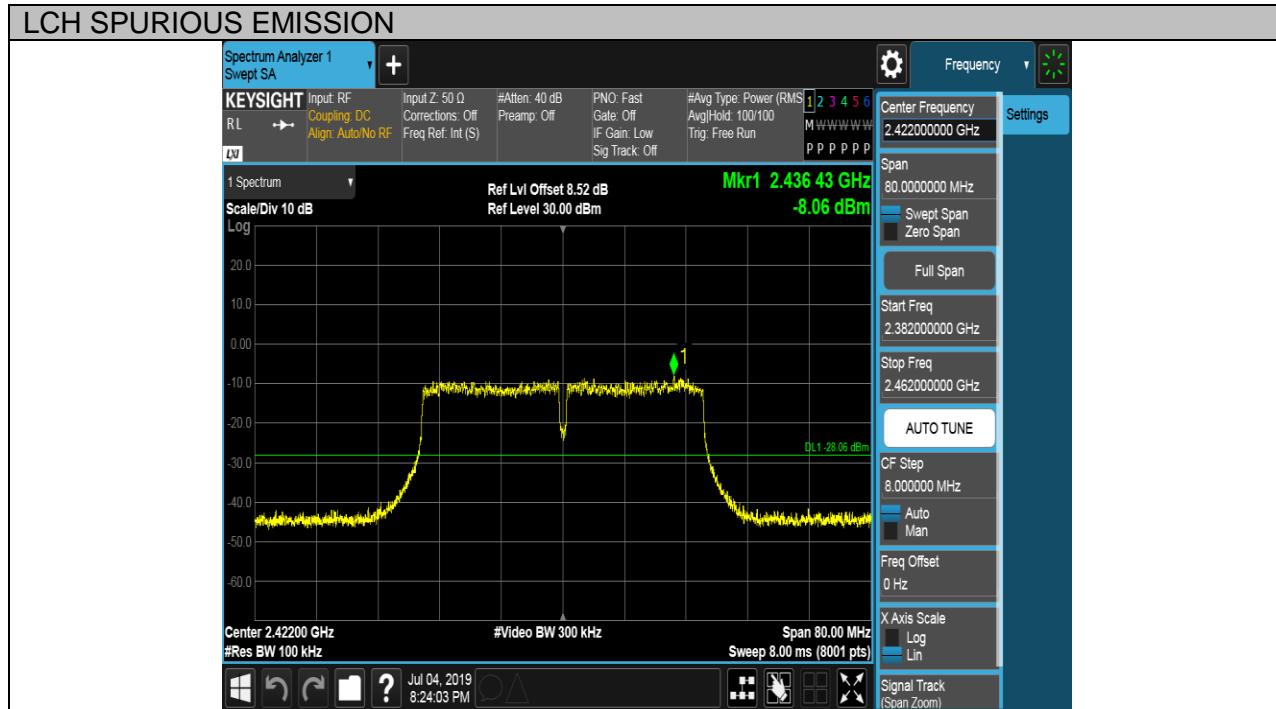


Puw test Plot



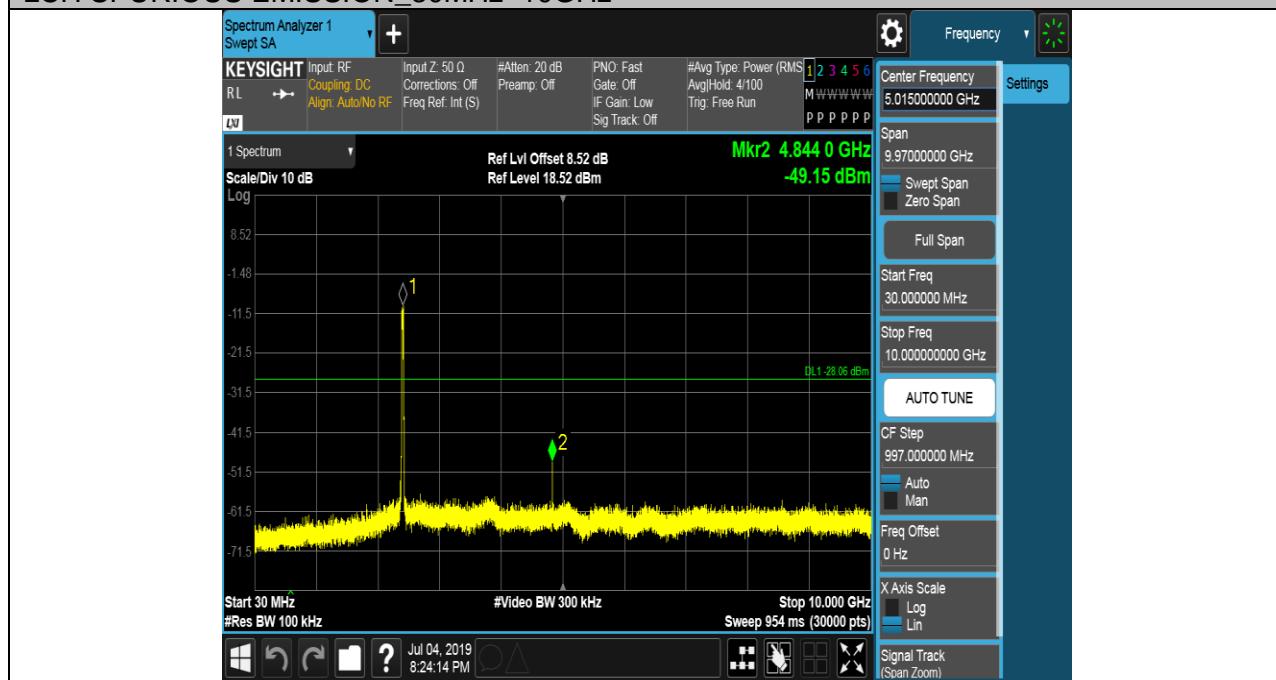
Test Mode	Channel	Verdict
11N40 MIMO	LCH	PASS

Pref test Plot



Puw test Plot

LCH SPURIOUS EMISSION_30MHz~10GHz



LCH SPURIOUS EMISSION_10GHz~26GHz

