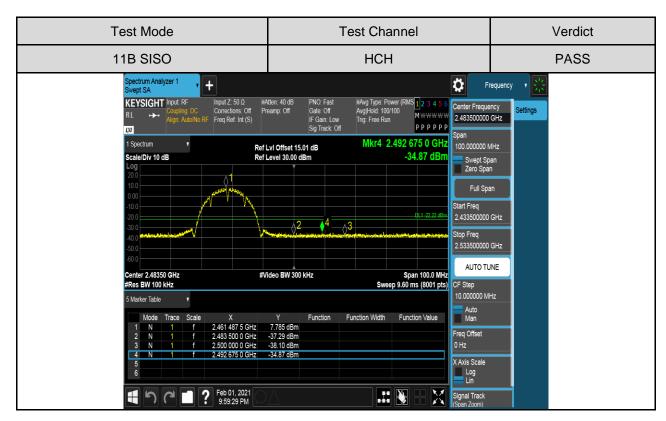


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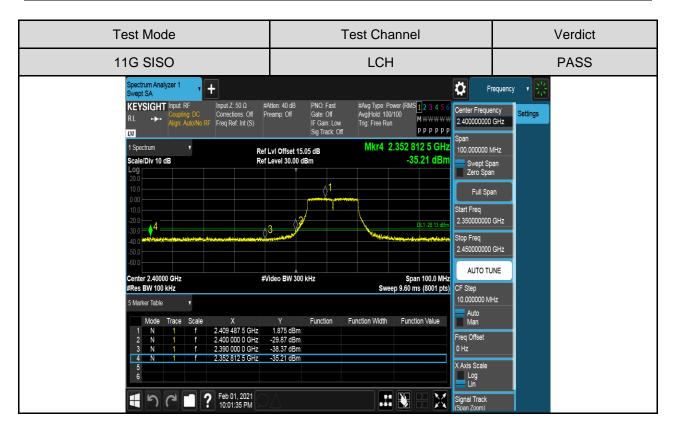
TEST GRAPHS

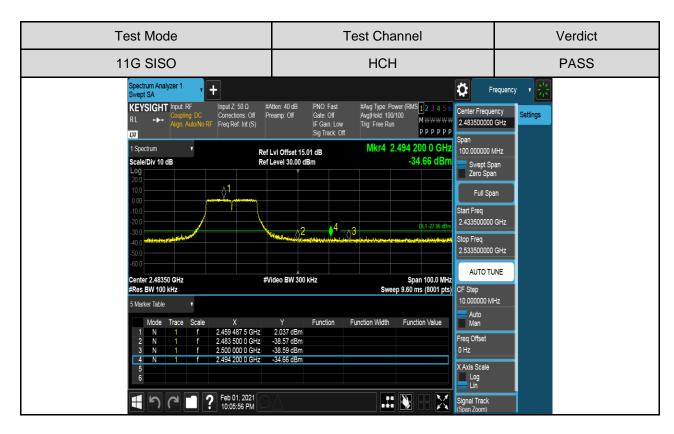






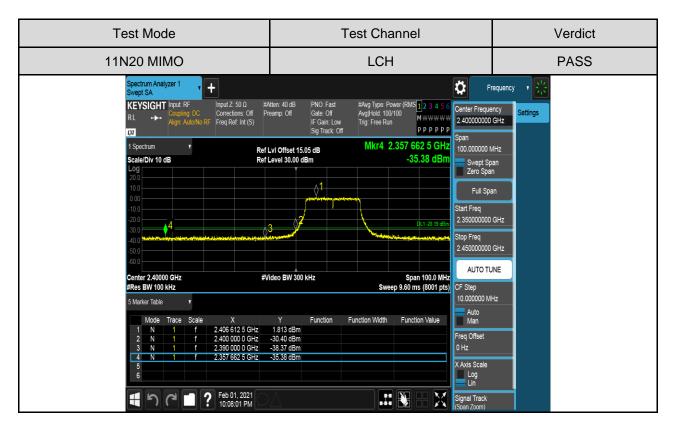


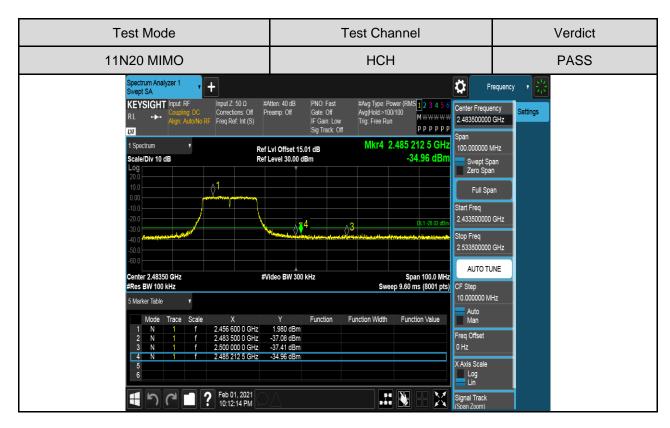






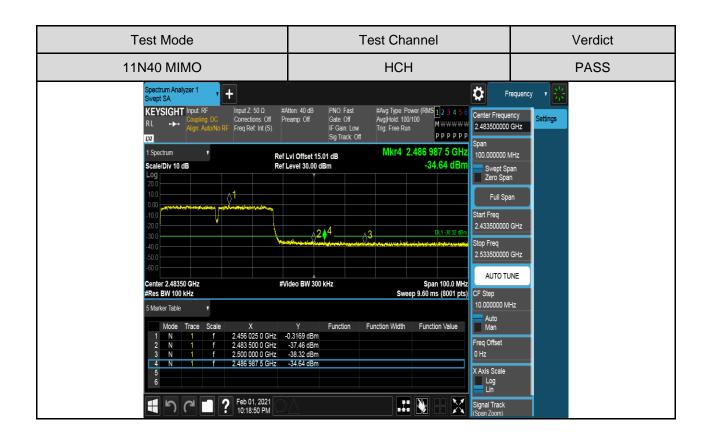
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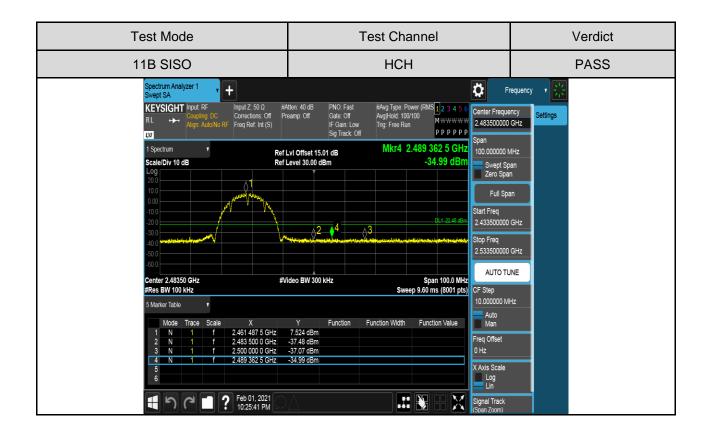


Test Channel Test Mode Verdict LCH **PASS** 11N40 MIMO pectrum Analyzer 1 wept SA Ö Frequency KEYSIGHT Input RF M₩₩₩₩ 2.400000000 GHz PPPPPP Mkr4 2.356 137 5 GHz Ref Lvl Offset 14.62 dB Ref Level 30.00 dBm 100.000000 MHz -35.33 dB Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 2.350000000 GHz Stop Freq 2.450000000 GHz AUTO TUNE #Video BW 300 kHz Span 100.0 MH Res BW 100 kHz Sweep 9.60 ms (8001 pts) 10.000000 MHz Auto Man Function Function Width Function Value -0.5270 dBm -36.43 dBm -36.99 dBm Freq Offset 2.400 000 0 GHz 2.390 000 0 GHz X Axis Scale Log Lin Peb 01, 2021 10:14:32 PM # 🐉 Signal Track (Span Zoom)



(U)

Antenna 2: Test Mode Test Channel Verdict 11B SISO LCH **PASS** pectrum Analyzer 1 wept SA Ö Frequency Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Atten: 40 dB Preamp: Off KEYSIGHT Input RF Settings 2.400000000 GHz PPPPPP L)XI Mkr4 2.364 087 5 GHz 1 Spectrum Ref Lvl Offset 15.05 dB 100.000000 MHz -34.89 dBi Scale/Div 10 dB Swept Span Zero Span 2.350000000 GHz Stop Freq 2.450000000 GHz AUTO TUNE #Video BW 300 kHz Span 100.0 MHz enter 2.40000 GHz Res BW 100 kHz Sweep 9.60 ms (8001 pts) 10.000000 MHz Auto Man Function Function Width Function Value 8.021 dBm -31.57 dBm -38.30 dBm req Offset 2.400 000 0 GHz 2.390 000 0 GHz X Axis Scale Log Lin Peb 01, 2021 10:21:27 PM # 👫





Test Channel Test Mode Verdict LCH **PASS** 11G SISO pectrum Analyzer 1 wept SA Ö Frequency KEYSIGHT Input RF M₩₩₩₩ 2.400000000 GHz PPPPPP Mkr4 2.355 137 5 GHz Ref Lvl Offset 15.05 dB Ref Level 30.00 dBm 100.000000 MHz -34.98 dB Scale/Div 10 dB Full Span Start Freq 2.350000000 GHz Stop Freq 2.450000000 GHz AUTO TUNE enter 2.40000 GHz #Video BW 300 kHz Span 100.0 MH Res BW 100 kHz Sweep 9.60 ms (8001 pts) Auto Man Function Function Width Function Value 2.328 dBm -31.60 dBm -37.22 dBm Freq Offset 2.400 000 0 GHz 2.390 000 0 GHz X Axis Scale Log Lin Feb 01, 2021 10:27:47 PM # 🐉

Signal Track (Span Zoom)





Res BW 100 kHz

5 6

Test Channel Test Mode Verdict LCH **PASS** 11N20 MIMO pectrum Analyzer 1 wept SA Ö Frequency KEYSIGHT Input RF M₩₩₩₩ 2.400000000 GHz PPPPPP Mkr4 2.377 750 0 GH: Ref Lvl Offset 15.05 dB Ref Level 30.00 dBm 100.000000 MHz -35.33 dB Scale/Div 10 dB Full Span Start Freq 2.350000000 GHz Stop Freq 2.450000000 GHz AUTO TUNE enter 2.40000 GHz #Video BW 300 kHz Span 100.0 MH

Sweep 9.60 ms (8001 pts)

Function Function Width Function Value

🐉

2.946 dBm -28.93 dBm -39.16 dBm

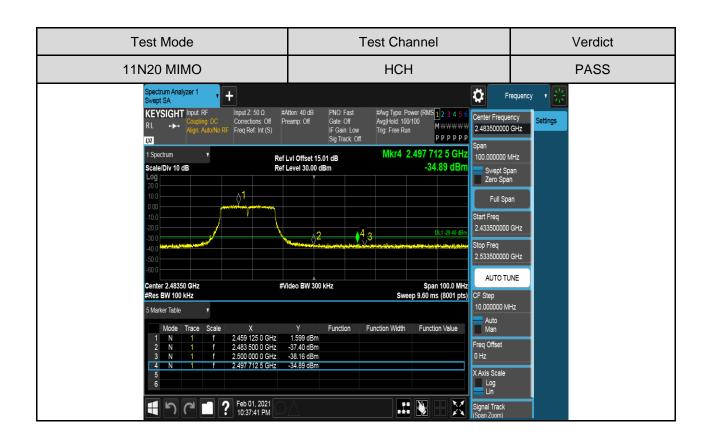
2.400 000 0 GHz

Peb 01, 2021 10:33:38 PM Auto Man

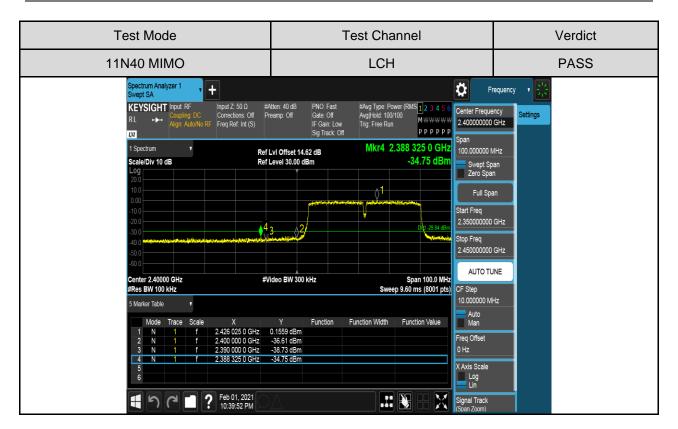
Freq Offset

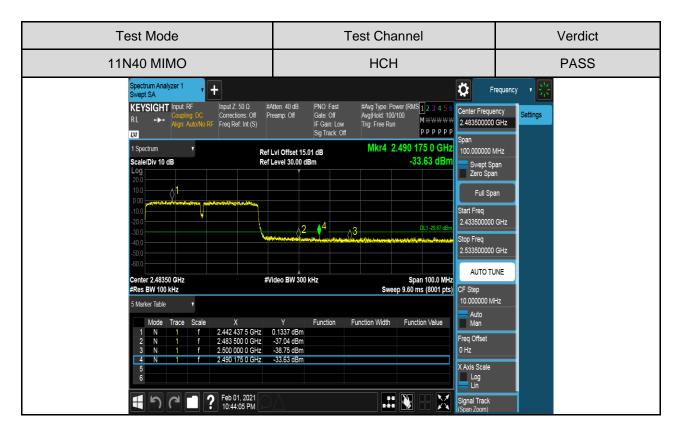
X Axis Scale Log Lin

Signal Track (Span Zoom)









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Part II :Conducted Emission

Test Result Table

Test Mode	Test Antenna	Channel	Pref(dBm)	Puw(dBm)	Verdict
	Antenna 1	LCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
		MCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
11B SISO		HCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
1.2 0.00		LCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
	Antenna 2	MCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
		HCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
		LCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
	Antenna 1	MCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
11G SISO		HCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
110 0.00		LCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
	Antenna 2	MCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
		HCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
		LCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
	Antenna 1	MCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
11N MIMO20		HCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
1114 14111111020		LCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
	Antenna 2	MCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
		HCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
		LCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
11N MIMO40	Antenna 1	MCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
		HCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
1114 10111010-40		LCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
An	Antenna 2	MCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
		HCH	See the test graphs	<limit< td=""><td>PASS</td></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.



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TEST GRAPHS

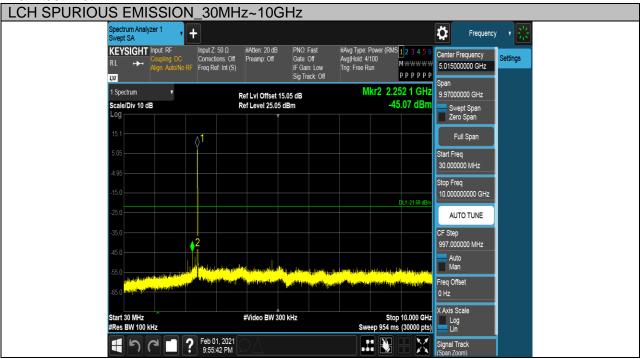
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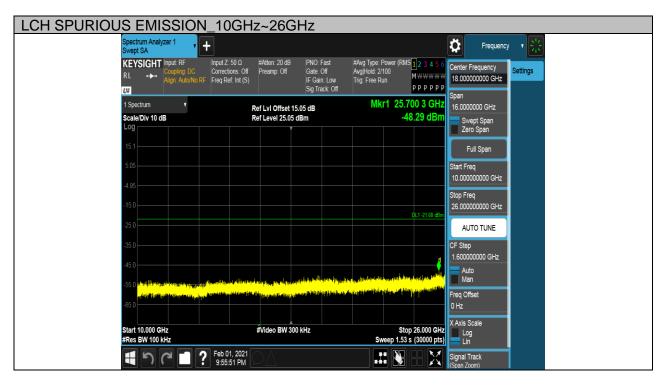
Test Mode	Channel	Verdict
11B	LCH	PASS





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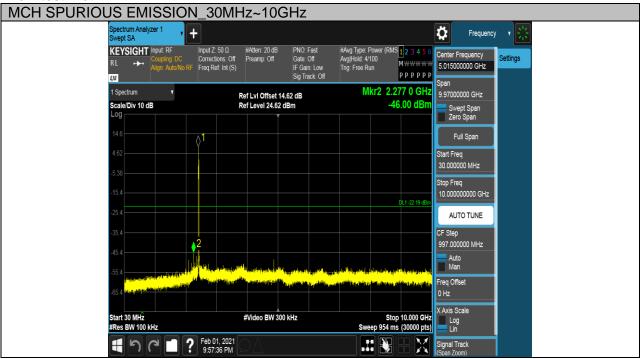
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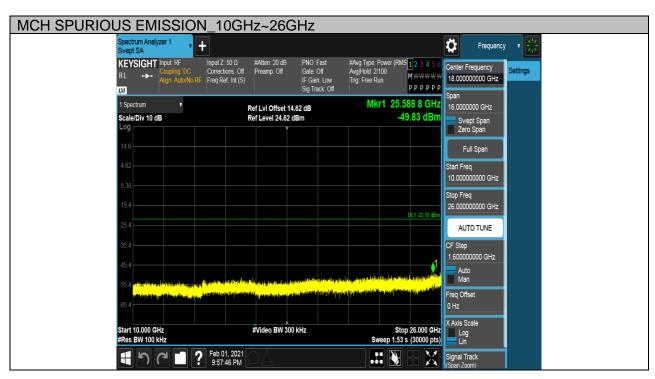
Test Mode	Channel	Verdict
11B	MCH	PASS





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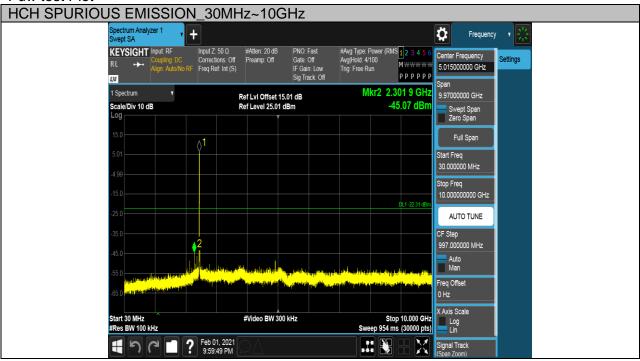
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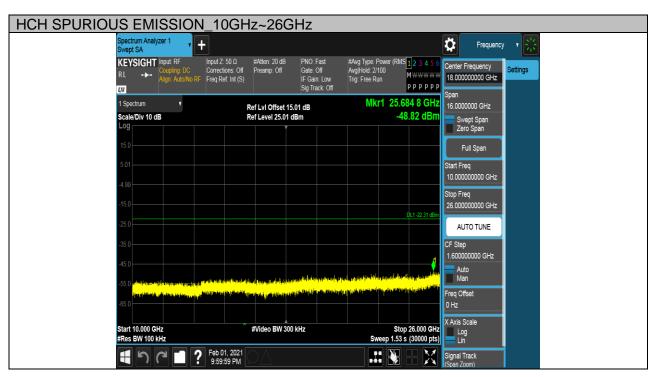
Test Mode	Channel	Verdict
11B	HCH	PASS





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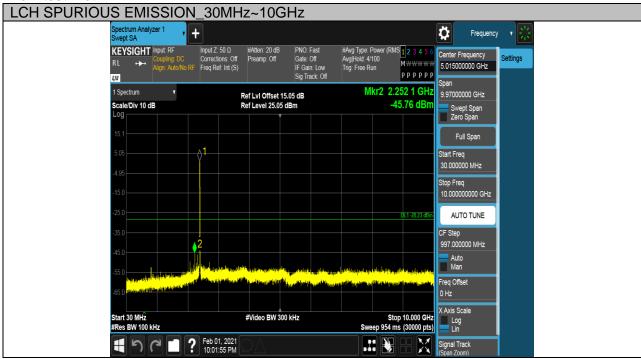
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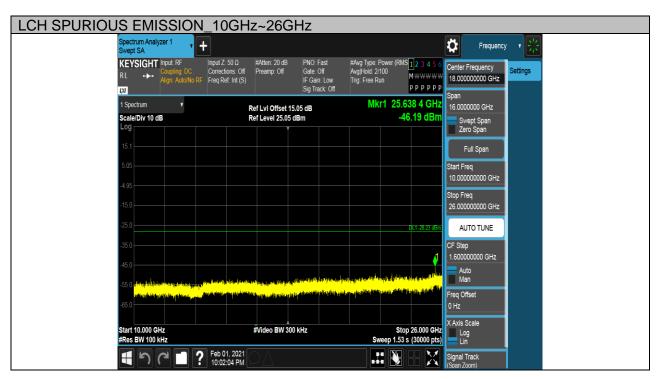
Test Mode	Channel	Verdict
11G	LCH	PASS





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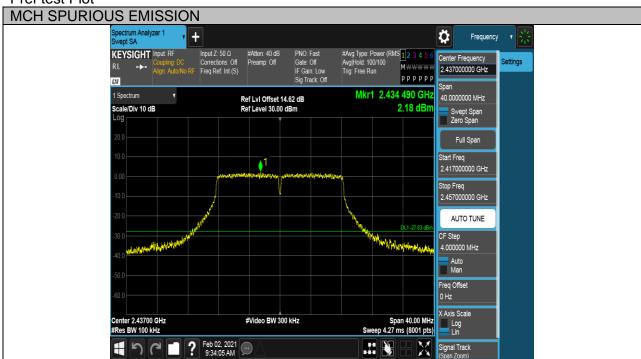






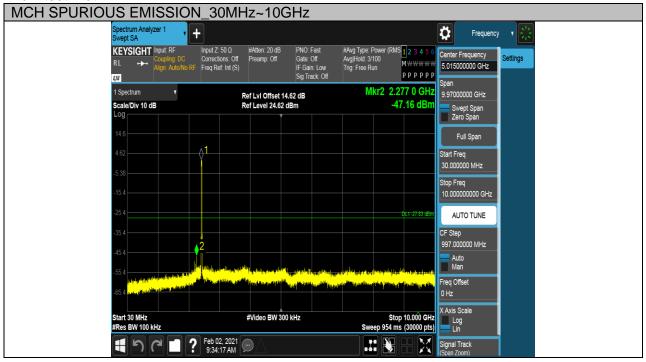
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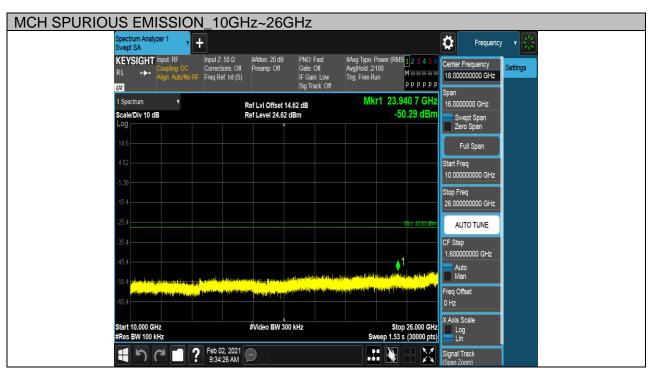
Test Mode	Channel	Verdict
11G	MCH	PASS





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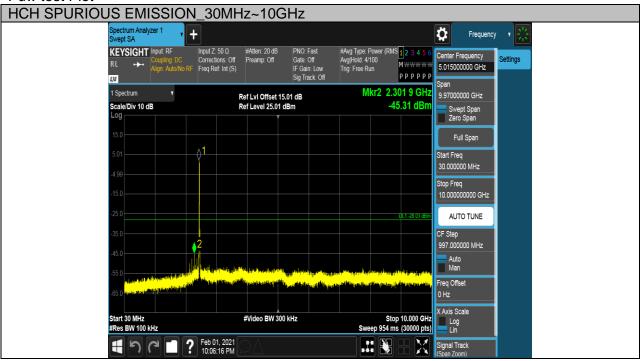
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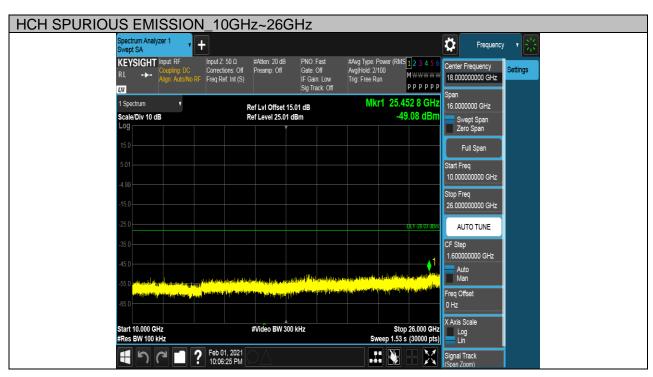
Test Mode	Channel	Verdict
11G	HCH	PASS





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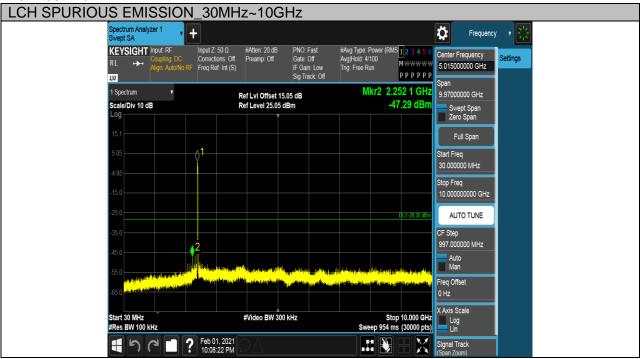
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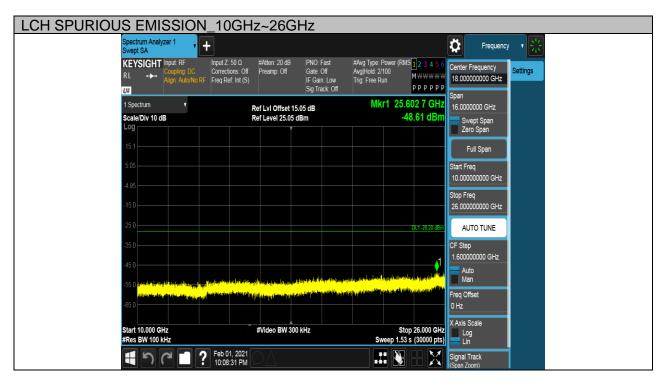
Test Mode	Channel	Verdict
11N20 MIMO	LCH	PASS





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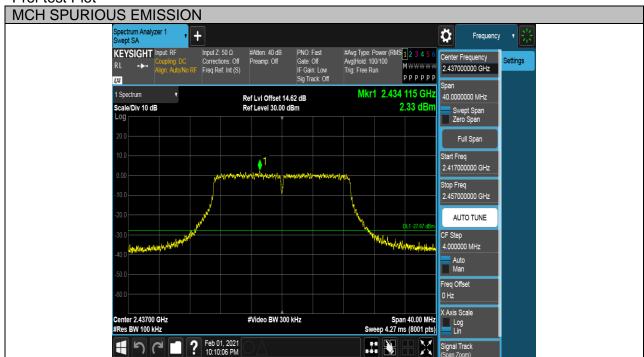






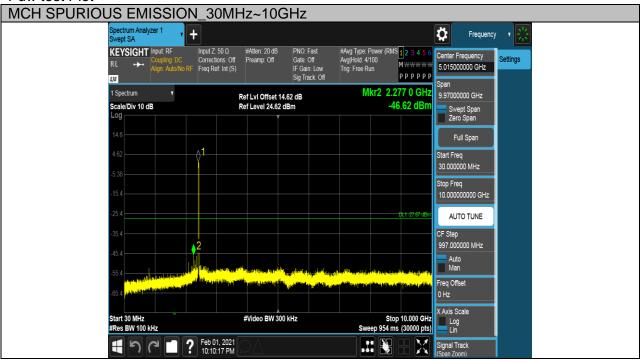
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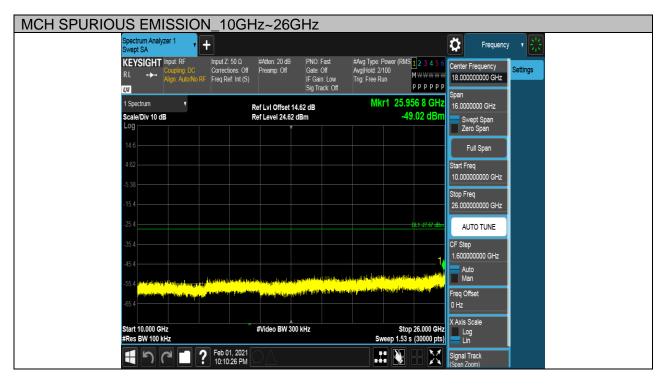
Test Mode	Channel	Verdict
11N20 MIMO	MCH	PASS





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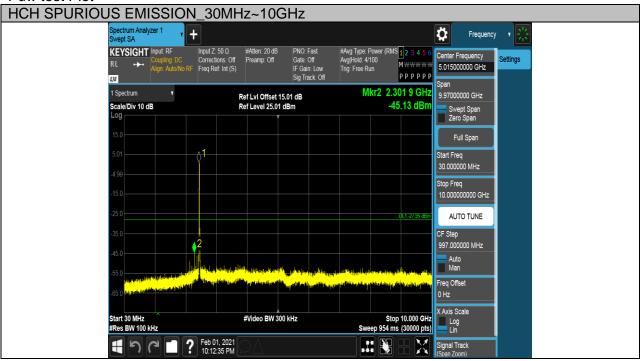
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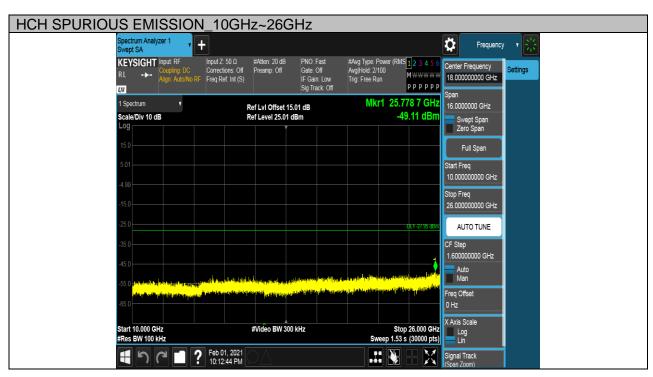
Test Mode	Channel	Verdict
11N20 MIMO	HCH	PASS





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Test Mode	Channel	Verdict
11N40 MIMO	LCH	PASS





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