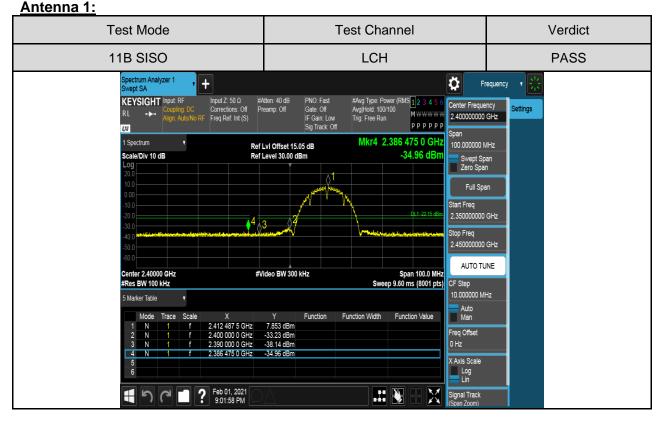
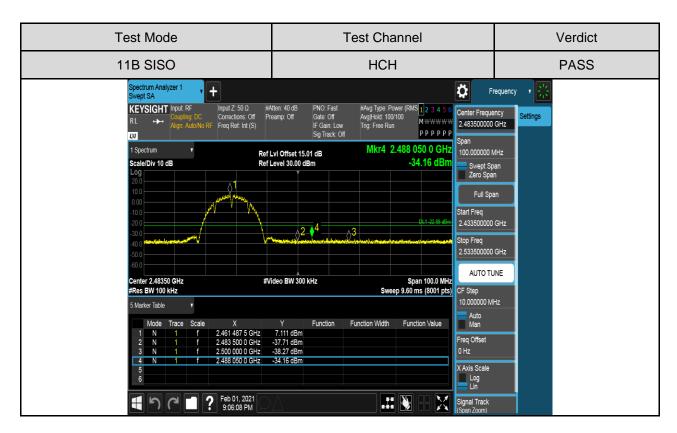
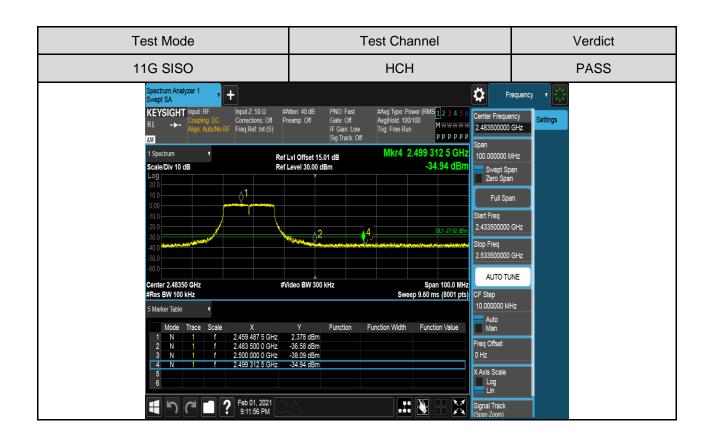
TEST GRAPHS





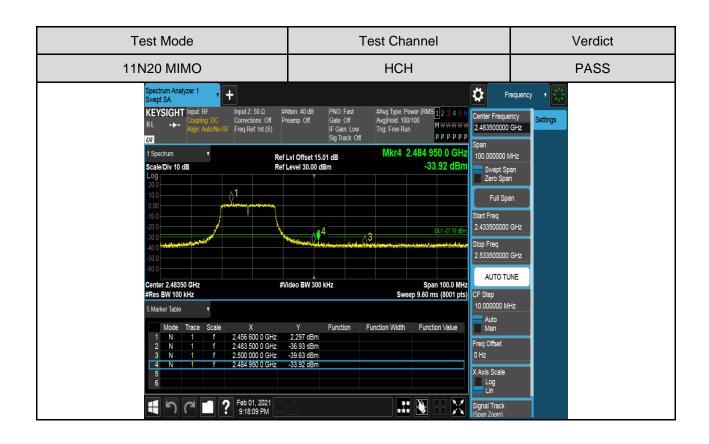


Test Channel Test Mode Verdict LCH **PASS** 11G SISO Spectrum Analyzer 1 Swept SA Ö Frequency KEYSIGHT Input RF Center Frequency Corrections: Off Freq Ref: Int (S) Settings 2.400000000 GHz PPPPPP Mkr4 2.358 225 0 GH Ref LvI Offset 15.05 dB Ref Level 30.00 dBm 100.000000 MHz -35.75 dBr Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 2.350000000 GHz Stop Freq 2.450000000 GHz AUTO TUNE Span 100.0 MHz #Video BW 300 kHz Res BW 100 kHz Sweep 9.60 ms (8001 pts) Auto Man Function Function Width Function Value 2.334 dBm -30.64 dBm -37.71 dBm Freq Offset X Axis Scale Log Lin Peb 01, 2021 9:08:21 PM Signal Track (Span Zoom)





Test Channel Test Mode Verdict LCH **PASS** 11N20 MIMO Spectrum Analyzer 1 Swept SA Ö Frequency KEYSIGHT Input RF Center Frequency Corrections: Off Freq Ref: Int (S) Settings 2.400000000 GHz PPPPPP Mkr4 2.379 125 0 GHz Ref LvI Offset 15.05 dB Ref Level 30.00 dBm 100.000000 MHz -34.58 dBr Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 2.350000000 GHz Stop Freq 2.450000000 GHz AUTO TUNE Span 100.0 MHz Sweep 9.60 ms (8001 pts) #Video BW 300 kHz Res BW 100 kHz Auto Man Function Function Width Function Value 2.214 dBm -30.23 dBm -38.25 dBm Freq Offset X Axis Scale Log Lin Peb 01, 2021 9:14:01 PM Signal Track (Span Zoom)

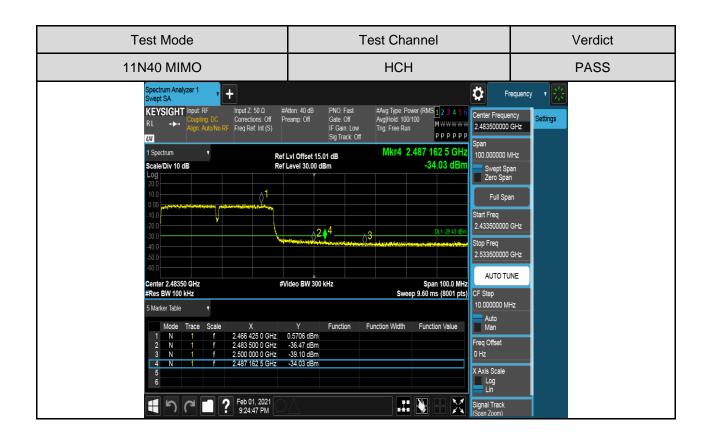




Test Channel Test Mode Verdict LCH **PASS** 11N40 MIMO Spectrum Analyzer 1 Swept SA Ö Frequency KEYSIGHT Input RF Center Frequency Corrections: Off Freq Ref: Int (S) Settings 2.400000000 GHz PPPPPP Mkr4 2.386 212 5 GHz Ref LvI Offset 14.62 dB Ref Level 30.00 dBm 100.000000 MHz -34.81 dBr Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 2.350000000 GHz Stop Freq 2.450000000 GHz AUTO TUNE Span 100.0 MHz Sweep 9.60 ms (8001 pts) enter 2.40000 GHz #Video BW 300 kHz Res BW 100 kHz Auto Man Function Function Width Function Value 2.431 025 0 GHz 2.400 000 0 GHz 2.390 000 0 GHz 0.1928 dBm -37.87 dBm -35.90 dBm Freq Offset X Axis Scale Log Lin

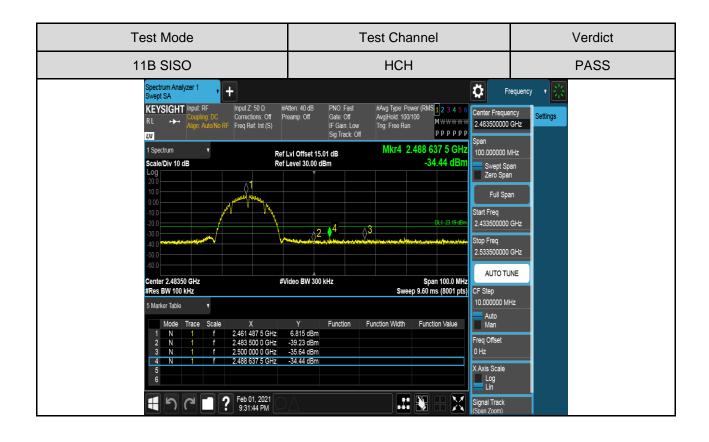
Signal Track (Span Zoom)

Peb 01, 2021 9:20:20 PM



(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 PNO: Fast Gate: Off IF Gain: Low #Avg Type: Power (RMS 1 2 3 4 5 Avg|Hold: 100/100 Trig: Free Run KEYSIGHT Input RF Settings 2.400000000 GHz PPPPPP LXI 1 Spectrum Mkr4 2.369 550 0 GHz Ref Lvl Offset 15.05 dB 100.000000 MHz -34.53 dBr Swept Span Zero Span 2.350000000 GHz top Freq 2.450000000 GHz AUTO TUNE Center 2.40000 GHz #Video BW 300 kHz Span 100.0 MHz Sweep 9.60 ms (8001 pts) Res BW 100 kHz 10.000000 MHz Auto Man Function Function Width Function Value 7.957 dBm -31.87 dBm Freq Offset X Axis Scale Log Lin ? Feb 01, 2021 9:27:23 PM # 1



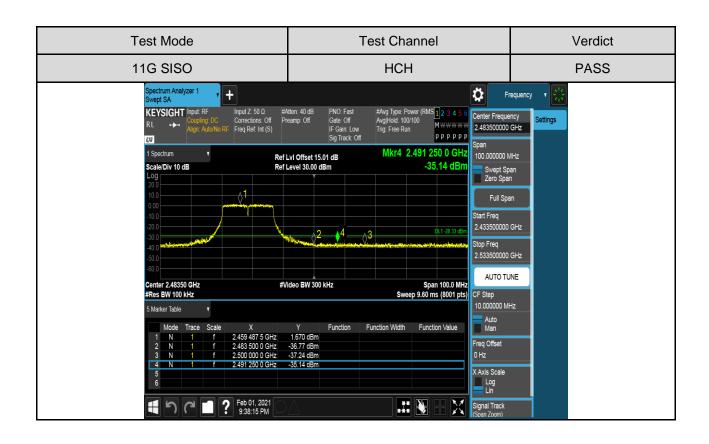
Log Lin

Signal Track (Span Zoom)



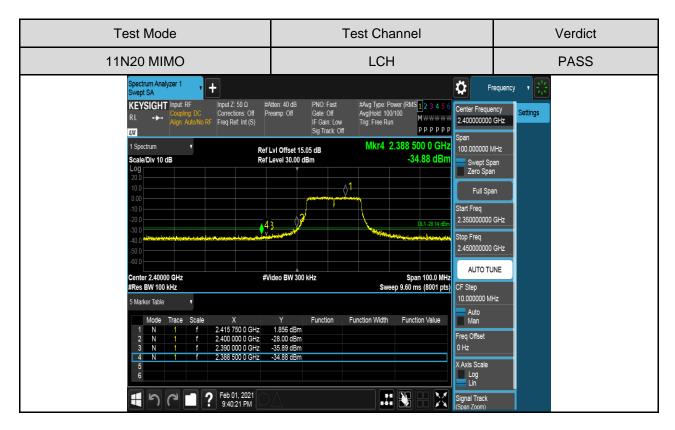
Test Channel Test Mode Verdict LCH **PASS** 11G SISO Spectrum Analyzer 1 Swept SA Ö Frequency KEYSIGHT Input RF Center Frequency Corrections: Off Freq Ref: Int (S) Settings 2.400000000 GHz PPPPPP Mkr4 2.386 237 5 GHz Ref LvI Offset 15.05 dB Ref Level 30.00 dBm 100.000000 MHz -34.84 dBr Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 2.350000000 GHz Stop Freq 2.450000000 GHz AUTO TUNE Span 100.0 MHz Sweep 9.60 ms (8001 pts) enter 2.40000 GHz #Video BW 300 kHz Res BW 100 kHz Auto Man Function Function Width Function Value 2.254 dBm -31.45 dBm -37.67 dBm Freq Offset X Axis Scale

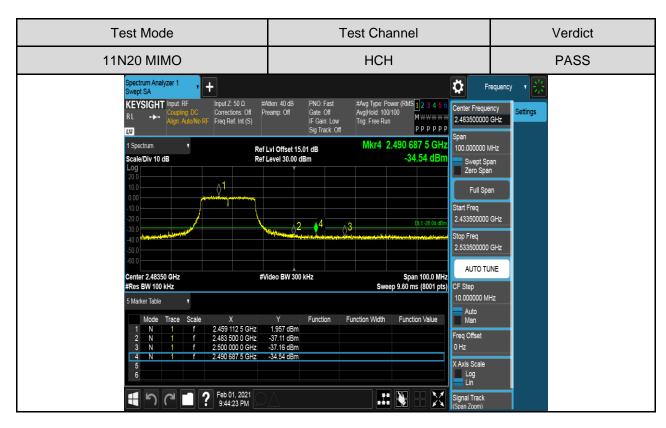
> ? Feb 01, 2021 9:33:59 PM





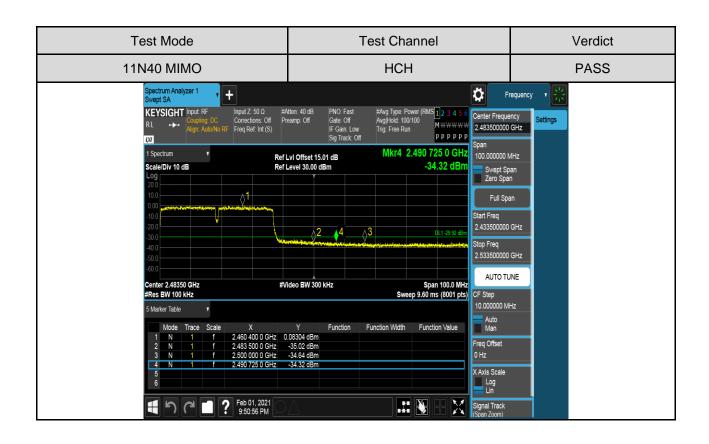
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Test Channel Test Mode Verdict LCH **PASS** 11N40 MIMO Spectrum Analyzer 1 Swept SA Ö Frequency KEYSIGHT Input RF Input Z: 50 Ω Center Frequency Corrections: Off Freq Ref: Int (S) Settings 2.400000000 GHz PPPPPP Mkr4 2.386 012 5 GHz Ref LvI Offset 14.62 dB Ref Level 30.00 dBm 100.000000 MHz -35.03 dBr Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 2.350000000 GHz Stop Freq 2.450000000 GHz AUTO TUNE Span 100.0 MHz Sweep 9.60 ms (8001 pts) enter 2.40000 GHz #Video BW 300 kHz Res BW 100 kHz Auto Man Function Function Width Function Value 0.5057 dBm -35.46 dBm -36.91 dBm Freq Offset X Axis Scale Log Lin Peb 01, 2021 9:46:42 PM 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
		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
11B SISO		HCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
112 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
1100.00		LCH	See the test graphs	<limit< td=""><td>nit PASS</td></limit<>	nit 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	1N MIMO20	HCH	See the test graphs	<limit< td=""><td>PASS</td></limit<>	PASS
1114 1/111/10/20		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 rowspan="2">PASS PASS PASS PASS PASS PASS PASS PASS</td></limit<>	PASS PASS PASS PASS PASS PASS PASS PASS
11N MIMO40		HCH	See the test graphs	<limit< td=""></limit<>	
1114 1011101340		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

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

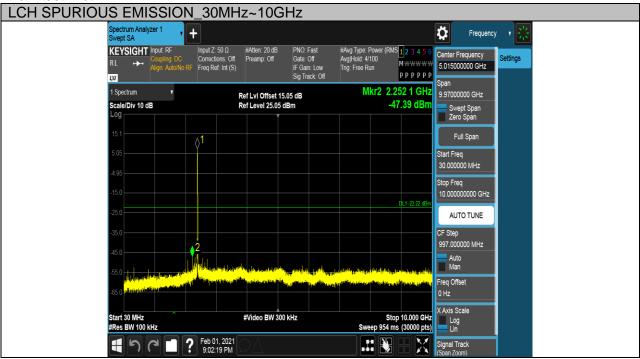
Antenna 1:

Test Mode	Channel	Verdict
11B	LCH	PASS





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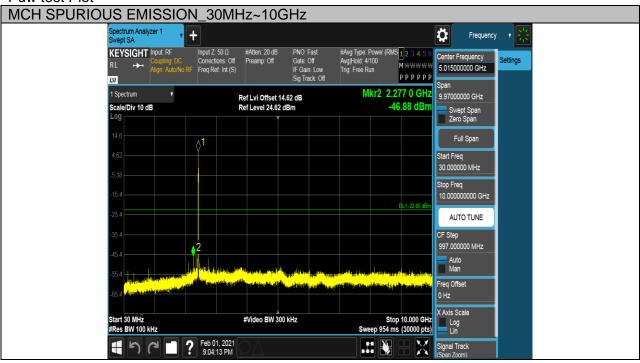
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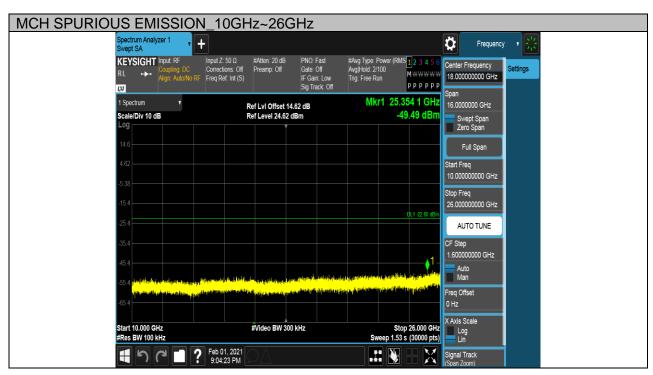
Test Mode	Channel	Verdict
11B	MCH	PASS





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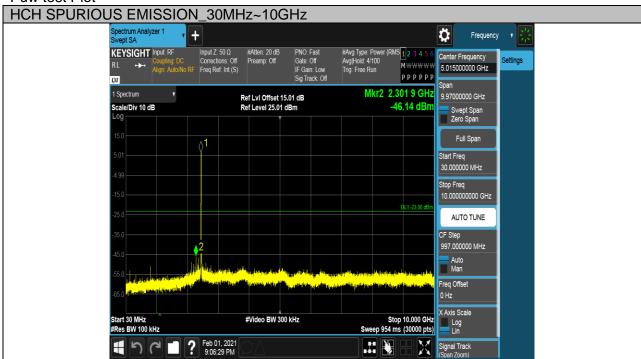
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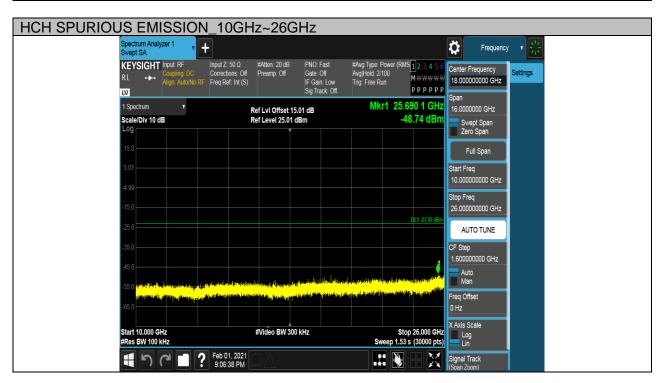
Test Mode	Channel	Verdict
11B	HCH	PASS





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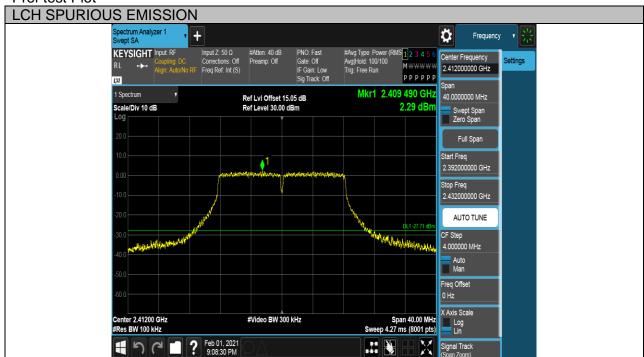






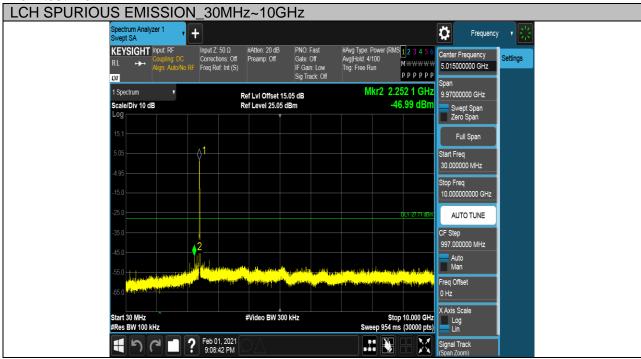
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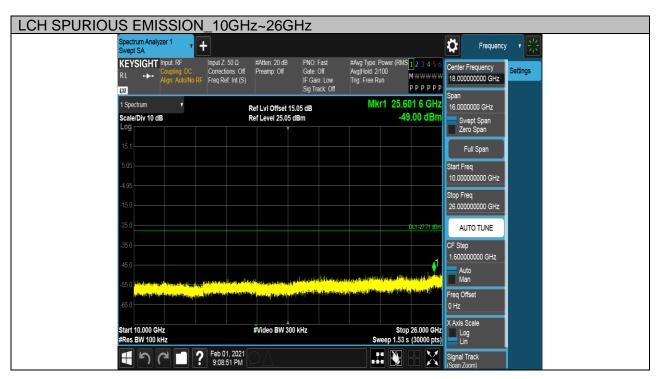
Test Mode	Channel	Verdict
11G	LCH	PASS





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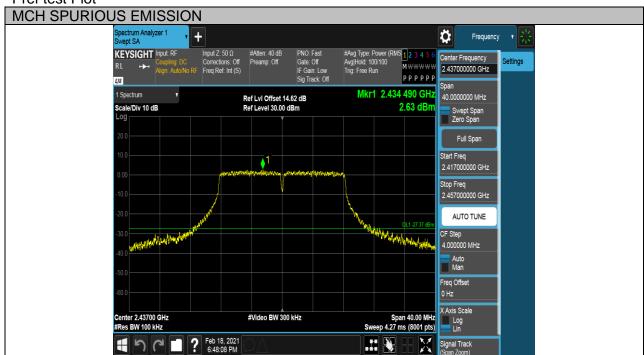






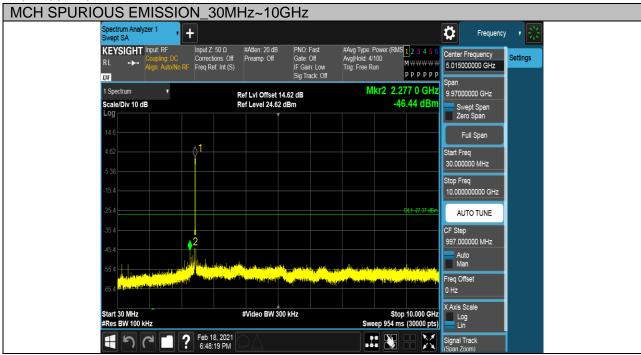
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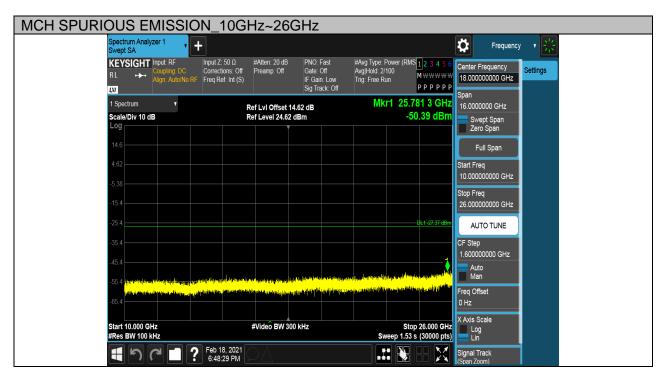
Test Mode	Channel	Verdict
11G	MCH	PASS





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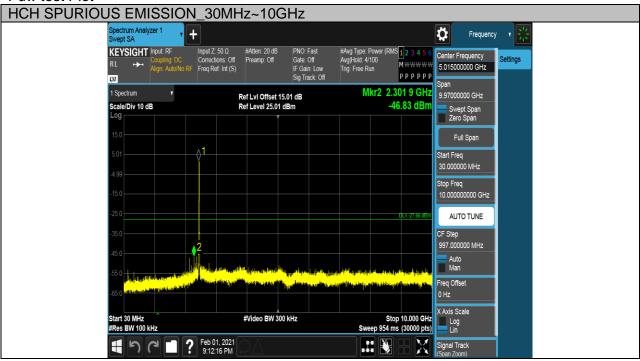
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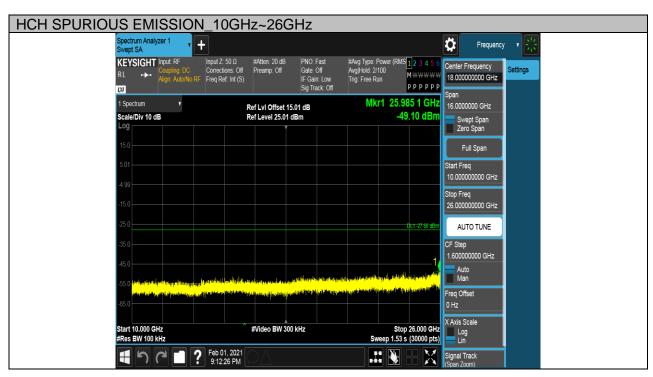
Test Mode	Channel	Verdict
11G	HCH	PASS





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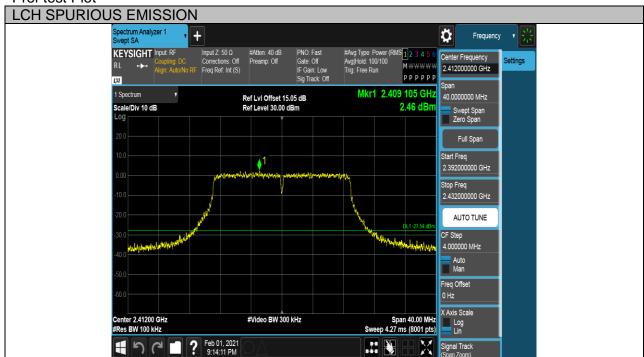






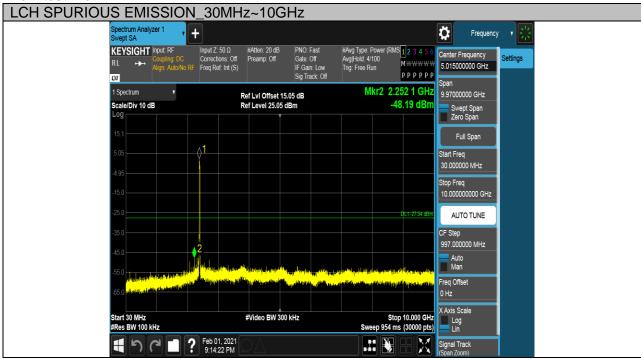
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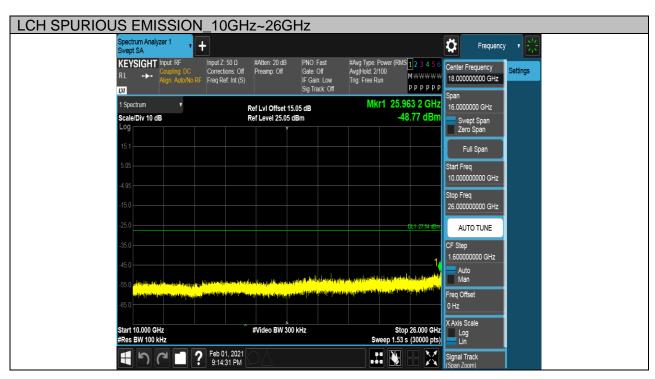
Test Mode	Channel	Verdict
11N20 MIMO	LCH	PASS





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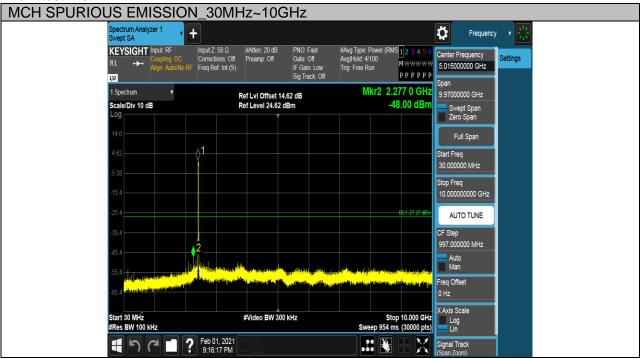
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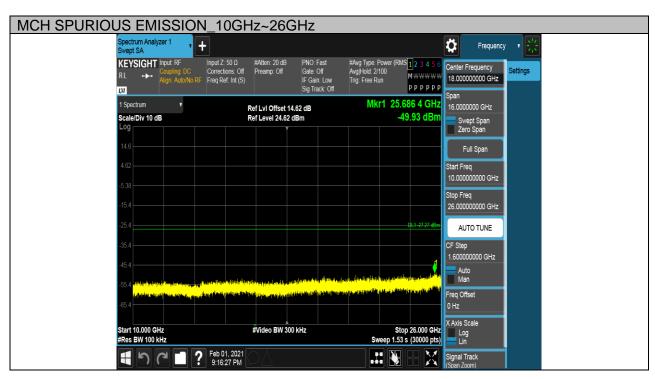
Test Mode	Channel	Verdict
11N20 MIMO	MCH	PASS





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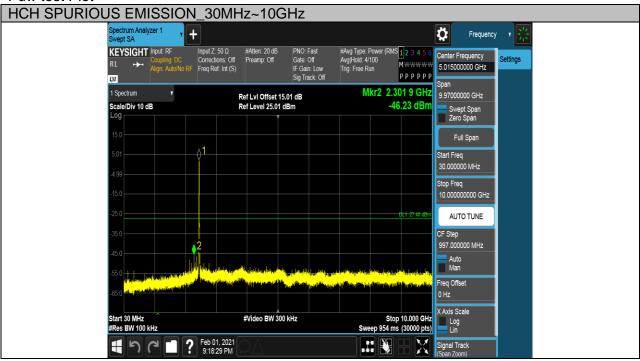
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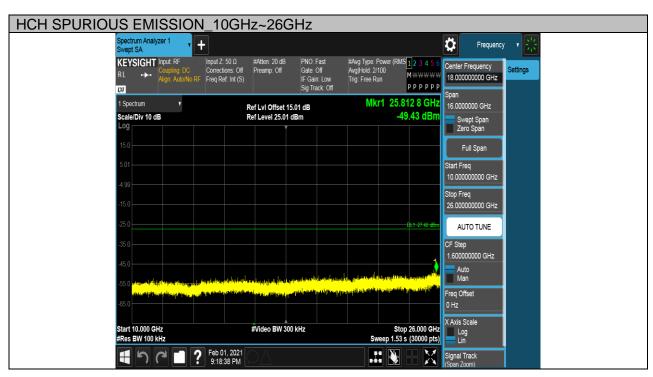
Test Mode	Channel	Verdict
11N20 MIMO	HCH	PASS





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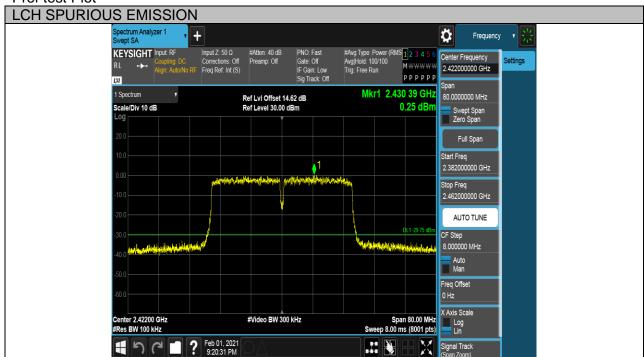






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Test Mode	Channel	Verdict
11N40 MIMO	LCH	PASS





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