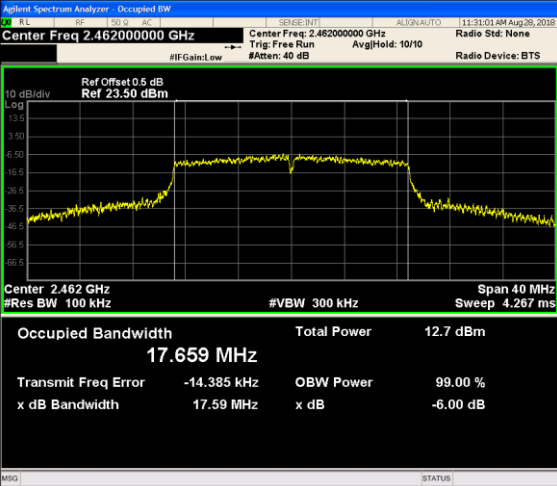
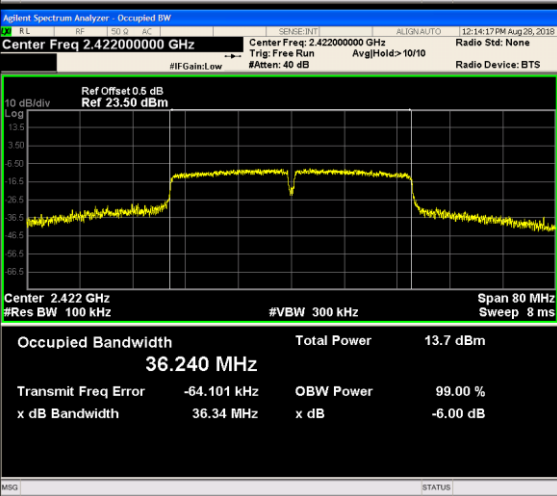
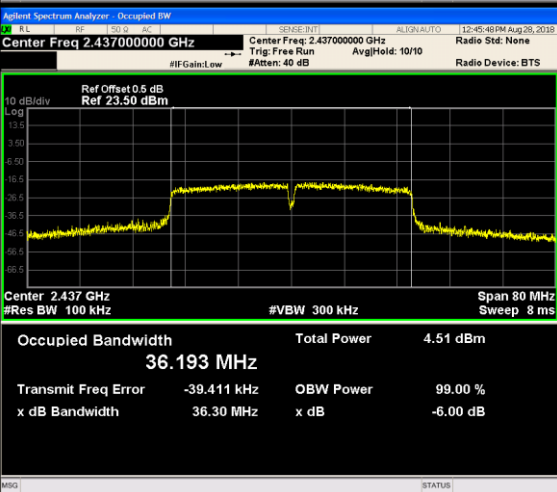
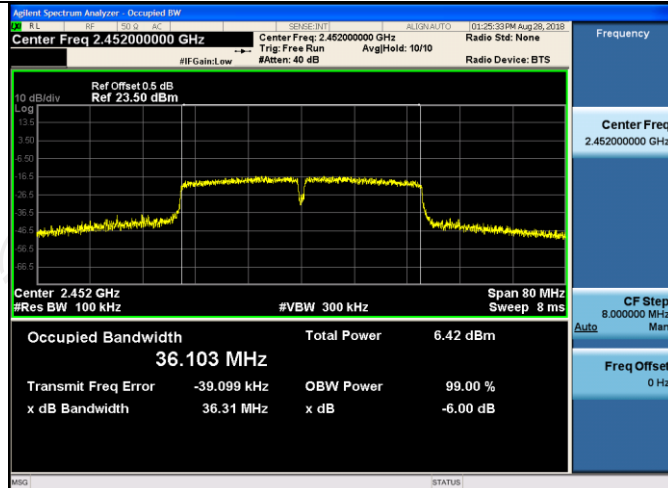


11N20SISO/HCH	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.462000000 GHz Center Freq: 2.462000000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 0.5 dB Ref 23.50 dBm Center 2.462 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 4.267 ms Occupied Bandwidth 17.659 MHz Total Power 12.7 dBm Transmit Freq Error -14.385 kHz OBW Power 99.00 % x dB Bandwidth 17.59 MHz x dB -6.00 dB Frequency Center Freq 2.462000000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
11N40SISO/LCH	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.422000000 GHz Center Freq: 2.422000000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 0.5 dB Ref 23.50 dBm Center 2.422 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 8 ms Occupied Bandwidth 36.240 MHz Total Power 13.7 dBm Transmit Freq Error -64.101 kHz OBW Power 99.00 % x dB Bandwidth 36.34 MHz x dB -6.00 dB Frequency Center Freq 2.422000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz
11N40SISO/MCH	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.437000000 GHz Center Freq: 2.437000000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 0.5 dB Ref 23.50 dBm Center 2.437 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 8 ms Occupied Bandwidth 36.193 MHz Total Power 4.51 dBm Transmit Freq Error -39.411 kHz OBW Power 99.00 % x dB Bandwidth 36.30 MHz x dB -6.00 dB Frequency Center Freq 2.437000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz

11N40SISO/HCH



Band-edge for RF Conducted Emissions

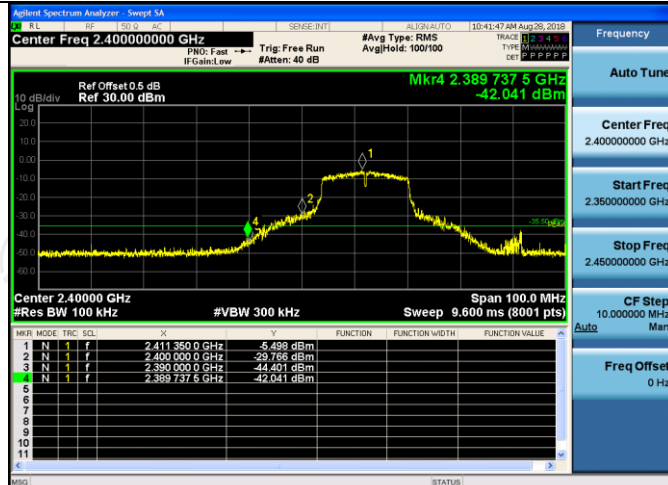
Result Table

Mode	Channel	Carrier Power [dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	-1.933	-48.056	-31.93	PASS
11B	HCH	-1.803	-46.610	-31.8	PASS
11G	LCH	-5.498	-42.041	-35.5	PASS
11G	HCH	-5.314	-45.961	-35.31	PASS
11N20SISO	LCH	-5.881	-39.355	-35.88	PASS
11N20SISO	HCH	-5.400	-43.200	-35.4	PASS
11N40SISO	LCH	-9.356	-41.383	-39.36	PASS
11N40SISO	HCH	-8.975	-39.841	-38.98	PASS

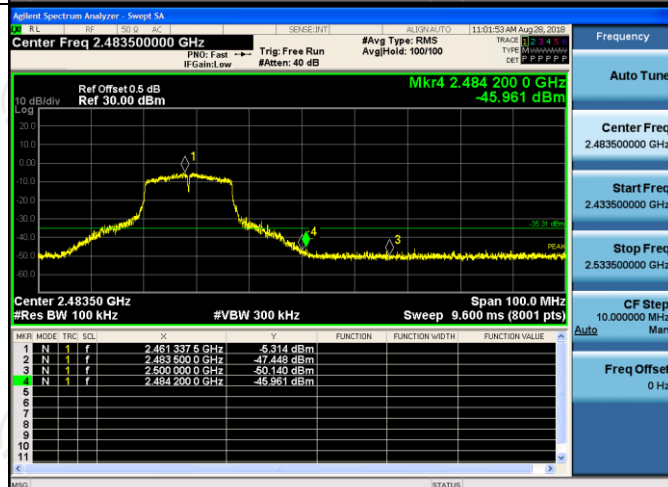
Test Graph



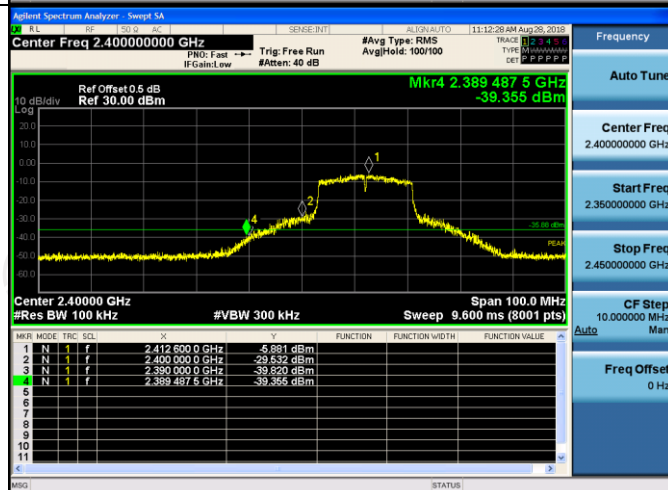
11G/LCH



11G/HCH



11N20SISO/LCH



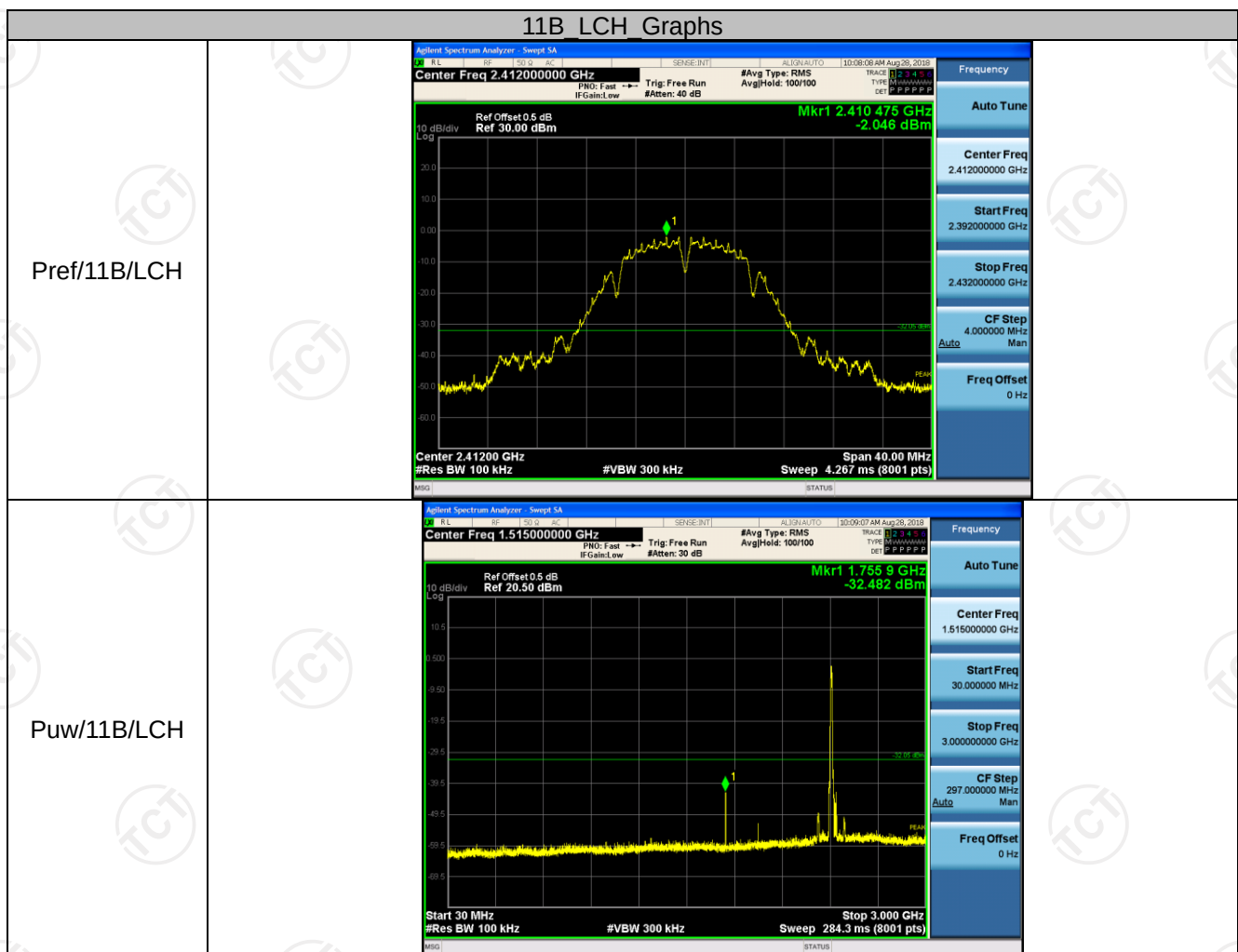
11N20SISO/HCH	Agilent Spectrum Analyzer - Sweep SA Center Freq 2.483500000 GHz Ref Offset 0.5 dB Ref 30.00 dBm Mkr4 2.484 500 0 GHz -43.200 dBm Center 2.48350 GHz #Res BW 100 kHz #VBW 300 kHz Span 100.0 MHz Sweep 9.600 ms (8001 pts) <table><thead><tr><th>MKR</th><th>MODE</th><th>TRIG</th><th>SCL</th><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>2.462 612 5 GHz</td><td>-5.400 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.483 500 0 GHz</td><td>-44.569 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>2.490 000 0 GHz</td><td>-47.285 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td>N</td><td>1</td><td>f</td><td>2.494 500 0 GHz</td><td>-43.200 dBm</td><td></td><td></td><td></td></tr></tbody></table> Frequency Auto Tune Center Freq 2.483500000 GHz Start Freq 2.433500000 GHz Stop Freq 2.533500000 GHz CF Step 10.000000 MHz Freq Offset 0 Hz	MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	2.462 612 5 GHz	-5.400 dBm				2	N	1	f	2.483 500 0 GHz	-44.569 dBm				3	N	1	f	2.490 000 0 GHz	-47.285 dBm				4	N	1	f	2.494 500 0 GHz	-43.200 dBm			
MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																																						
1	N	1	f	2.462 612 5 GHz	-5.400 dBm																																									
2	N	1	f	2.483 500 0 GHz	-44.569 dBm																																									
3	N	1	f	2.490 000 0 GHz	-47.285 dBm																																									
4	N	1	f	2.494 500 0 GHz	-43.200 dBm																																									
11N40SISO/LCH	Agilent Spectrum Analyzer - Sweep SA Center Freq 2.400000000 GHz Ref Offset 0.5 dB Ref 30.00 dBm Mkr4 2.389 450 0 GHz -41.383 dBm Center 2.40000 GHz #Res BW 100 kHz #VBW 300 kHz Span 100.0 MHz Sweep 9.600 ms (8001 pts) <table><thead><tr><th>MKR</th><th>MODE</th><th>TRIG</th><th>SCL</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>2.426 762 5 GHz</td><td>-9.356 dBm</td><td></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>-34.510 dBm</td><td></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>-36.362 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td>N</td><td>1</td><td>f</td><td>2.389 450 0 GHz</td><td>-41.383 dBm</td><td></td><td></td><td></td></tr></tbody></table> Frequency Auto Tune Center Freq 2.400000000 GHz Start Freq 2.360000000 GHz Stop Freq 2.450000000 GHz CF Step 10.000000 MHz Freq Offset 0 Hz	MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	2.426 762 5 GHz	-9.356 dBm				2	N	1	f	2.400 000 0 GHz	-34.510 dBm				3	N	1	f	2.390 000 0 GHz	-36.362 dBm				4	N	1	f	2.389 450 0 GHz	-41.383 dBm			
MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																																						
1	N	1	f	2.426 762 5 GHz	-9.356 dBm																																									
2	N	1	f	2.400 000 0 GHz	-34.510 dBm																																									
3	N	1	f	2.390 000 0 GHz	-36.362 dBm																																									
4	N	1	f	2.389 450 0 GHz	-41.383 dBm																																									
11N40SISO/HCH	Agilent Spectrum Analyzer - Sweep SA Center Freq 2.483500000 GHz Ref Offset 0.5 dB Ref 30.00 dBm Mkr4 2.483 575 0 GHz -39.841 dBm Center 2.48350 GHz #Res BW 100 kHz #VBW 300 kHz Span 100.0 MHz Sweep 9.600 ms (8001 pts) <table><thead><tr><th>MKR</th><th>MODE</th><th>TRIG</th><th>SCL</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>2.454 775 0 GHz</td><td>-8.975 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.483 500 0 GHz</td><td>-38.868 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>2.500 000 0 GHz</td><td>-48.245 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td>N</td><td>1</td><td>f</td><td>2.483 575 0 GHz</td><td>-39.841 dBm</td><td></td><td></td><td></td></tr></tbody></table> Frequency Auto Tune Center Freq 2.483500000 GHz Start Freq 2.433500000 GHz Stop Freq 2.533500000 GHz CF Step 10.000000 MHz Freq Offset 0 Hz	MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	2.454 775 0 GHz	-8.975 dBm				2	N	1	f	2.483 500 0 GHz	-38.868 dBm				3	N	1	f	2.500 000 0 GHz	-48.245 dBm				4	N	1	f	2.483 575 0 GHz	-39.841 dBm			
MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																																						
1	N	1	f	2.454 775 0 GHz	-8.975 dBm																																									
2	N	1	f	2.483 500 0 GHz	-38.868 dBm																																									
3	N	1	f	2.500 000 0 GHz	-48.245 dBm																																									
4	N	1	f	2.483 575 0 GHz	-39.841 dBm																																									

RF Conducted Spurious Emissions

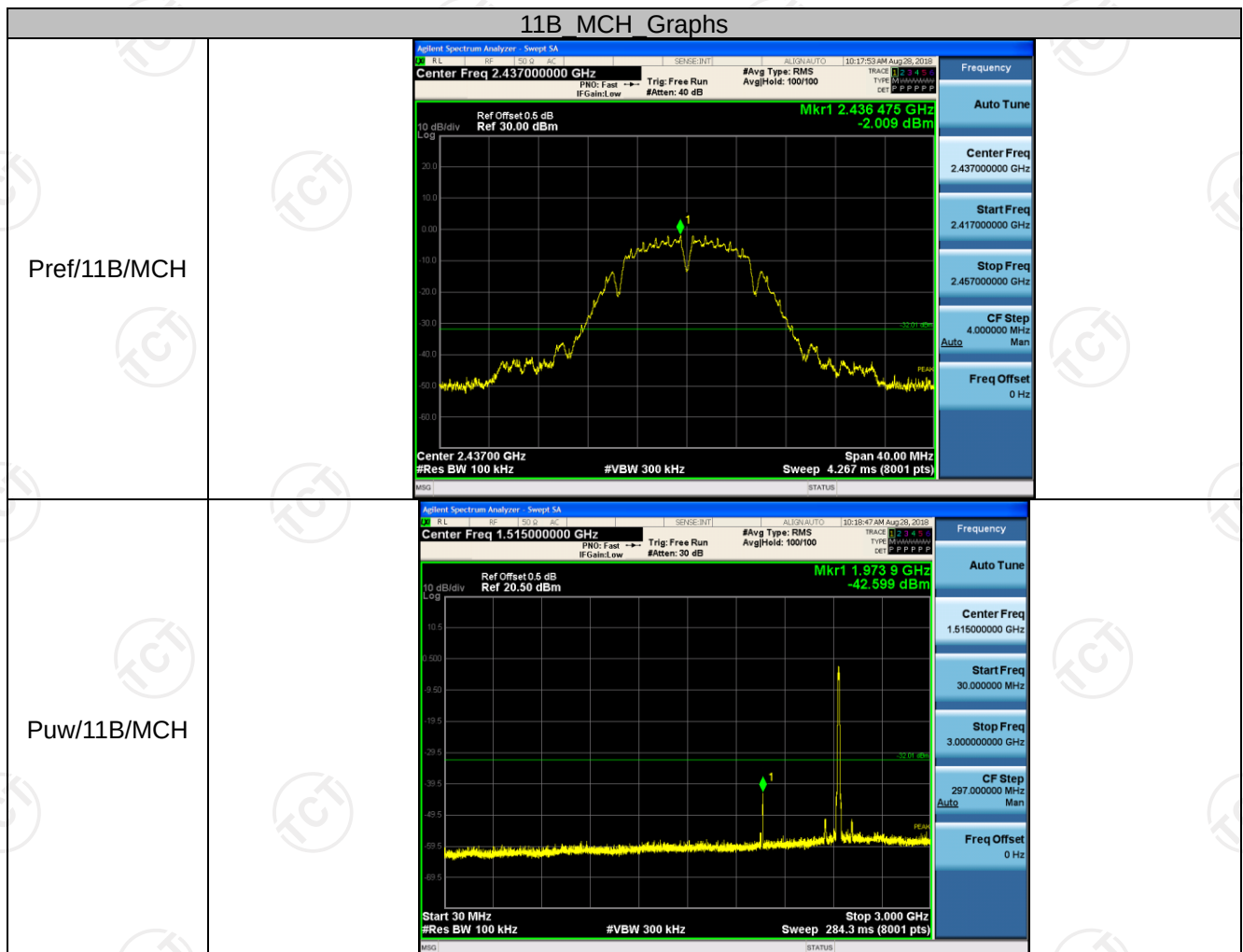
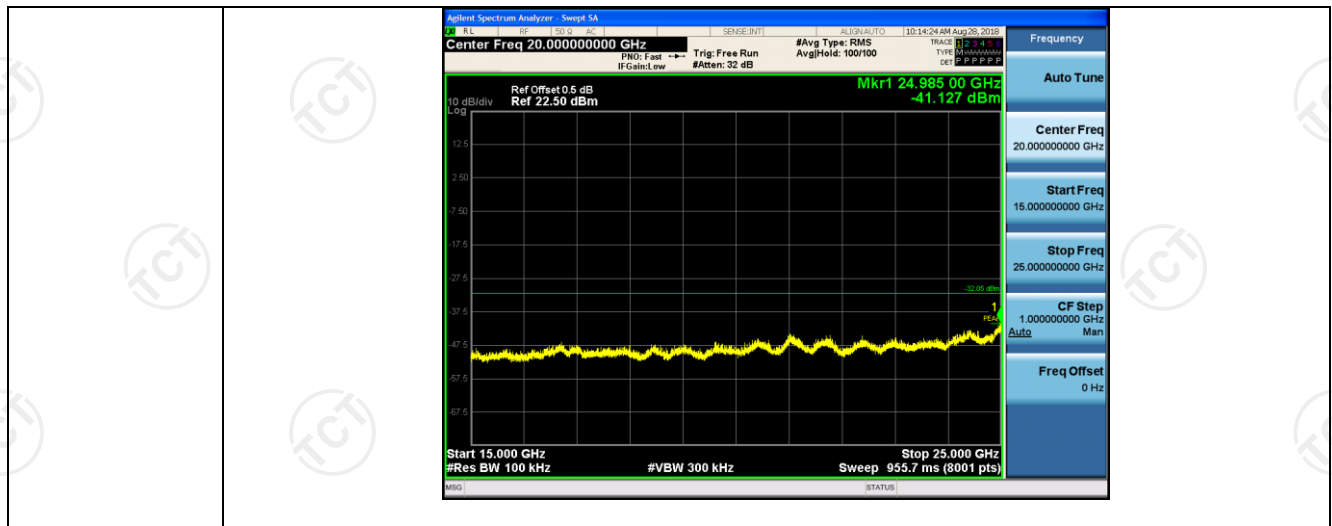
Result Table

Mode	Channel	Pref [dBm]	Puw [dBm]	Verdict
11B	LCH	-2.046	<Limit	PASS
11B	MCH	-2.009	<Limit	PASS
11B	HCH	-1.894	<Limit	PASS
11G	LCH	-5.776	<Limit	PASS
11G	MCH	-5.442	<Limit	PASS
11G	HCH	-5.259	<Limit	PASS
11N20SISO	LCH	-5.559	<Limit	PASS
11N20SISO	MCH	-5.839	<Limit	PASS
11N20SISO	HCH	-5.224	<Limit	PASS
11N40SISO	LCH	-9.3	<Limit	PASS
11N40SISO	MCH	-8.988	<Limit	PASS
11N40SISO	HCH	-9.157	<Limit	PASS

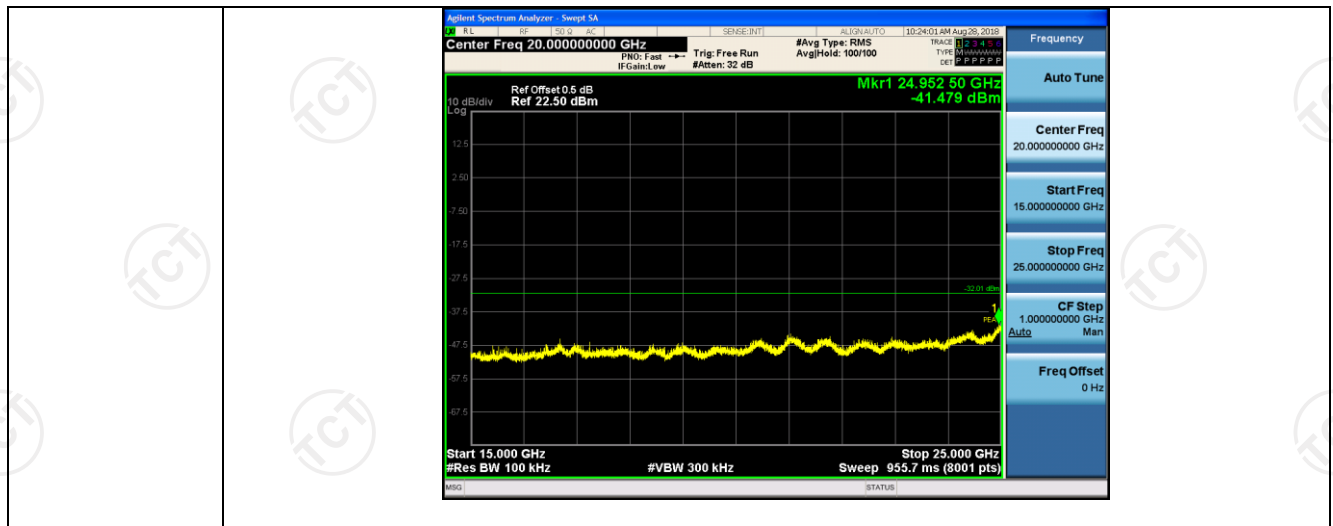
Test Graph



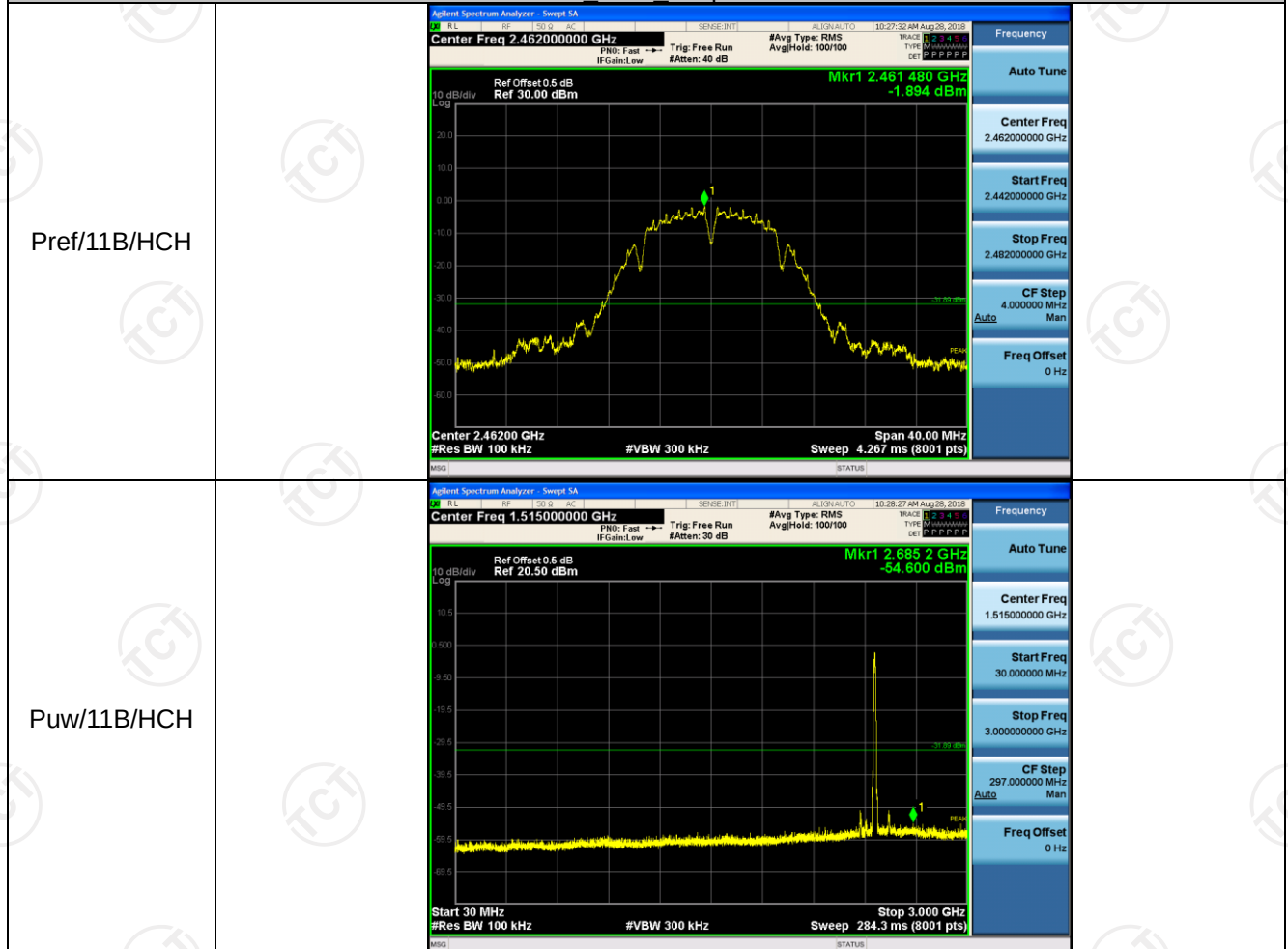




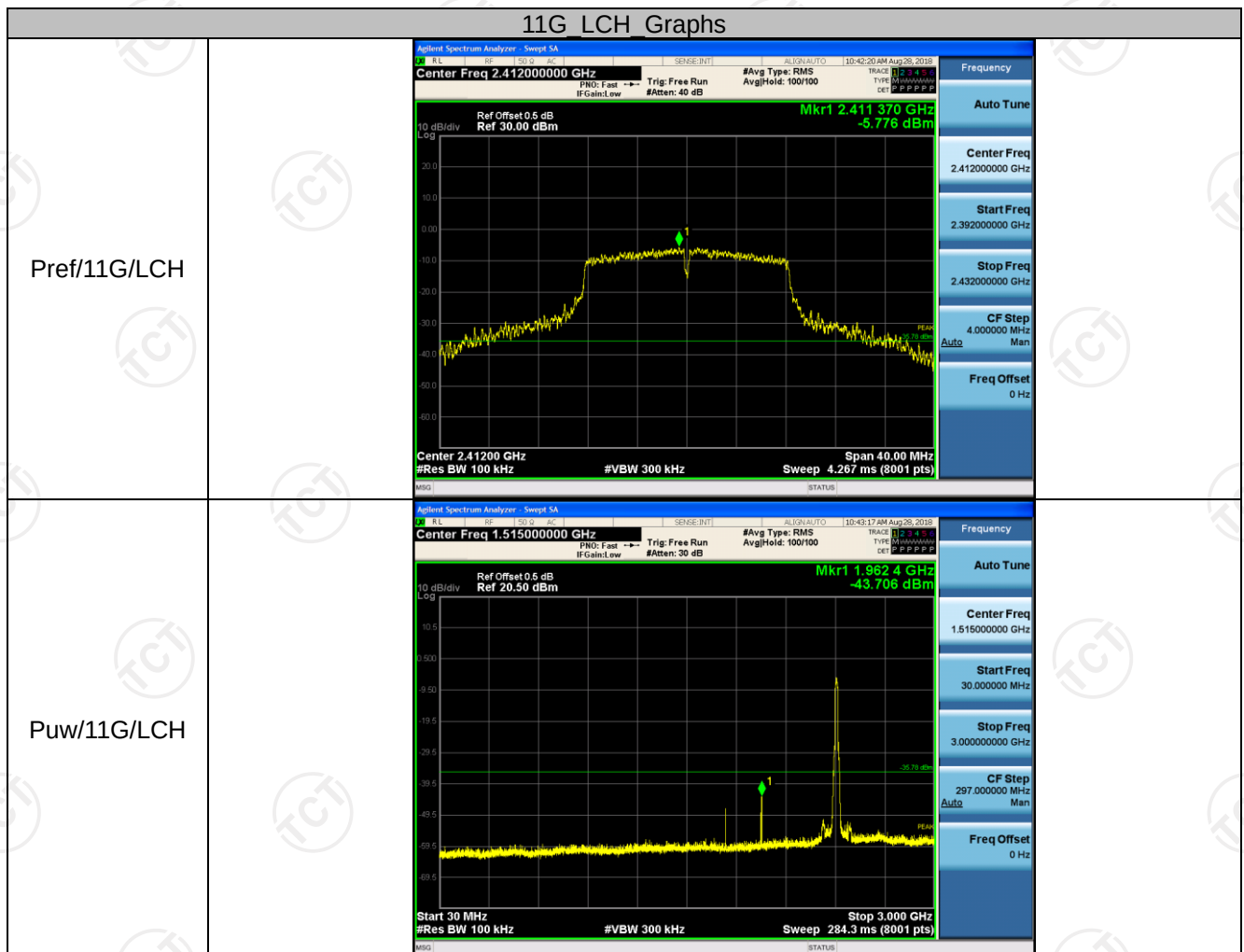
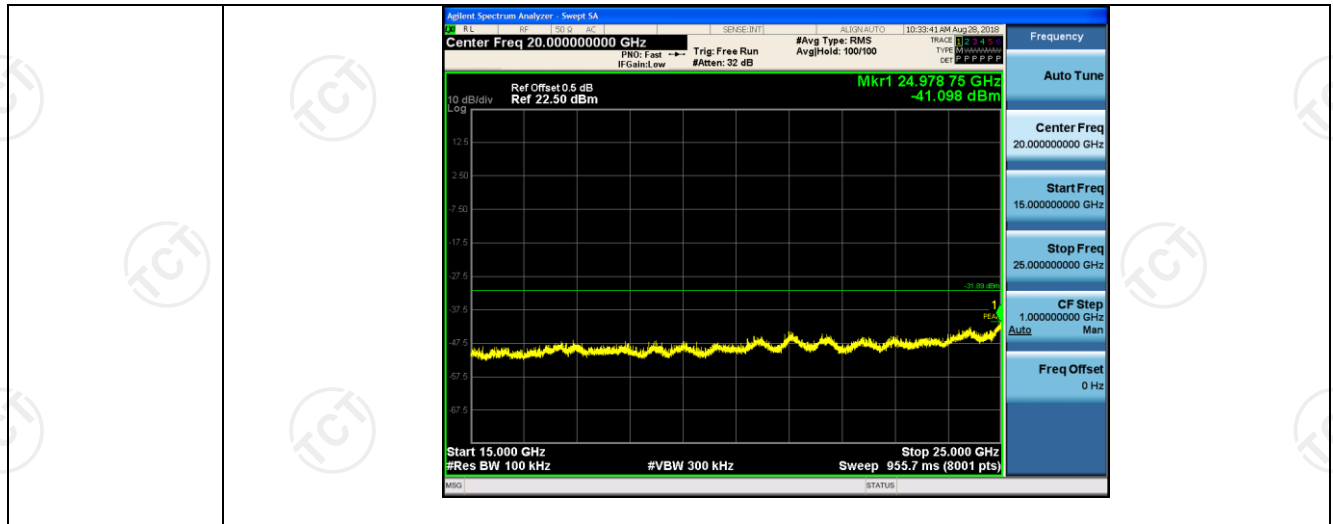




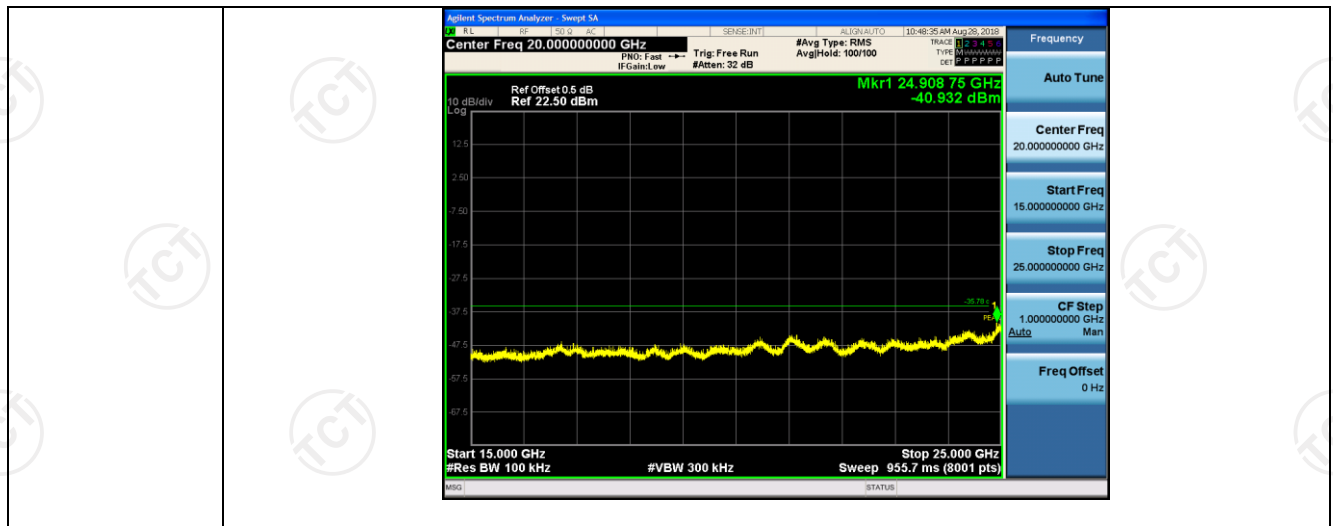
11B HCH Graphs



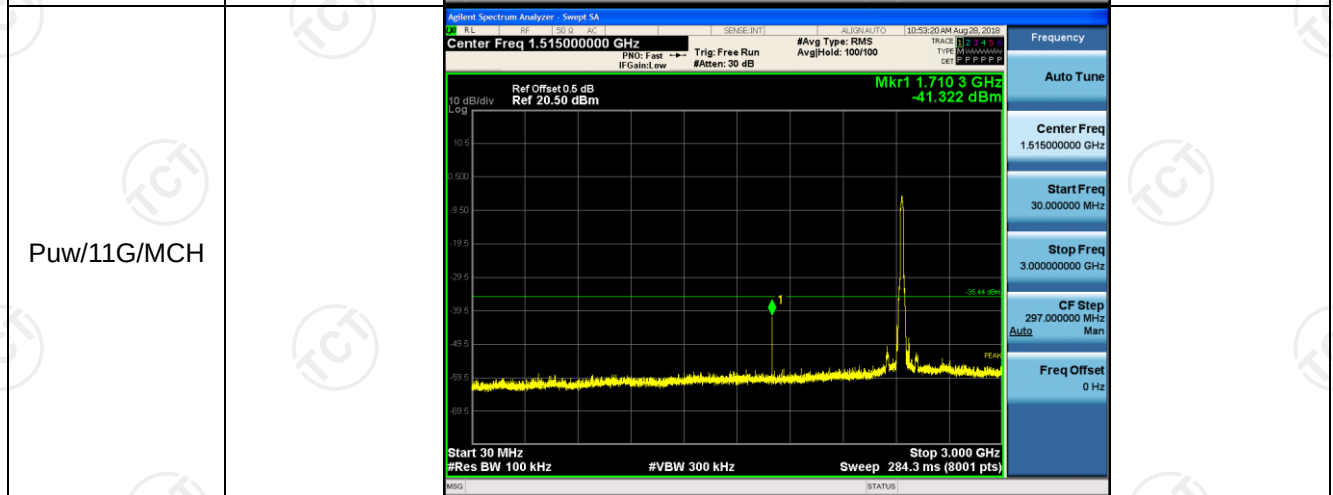
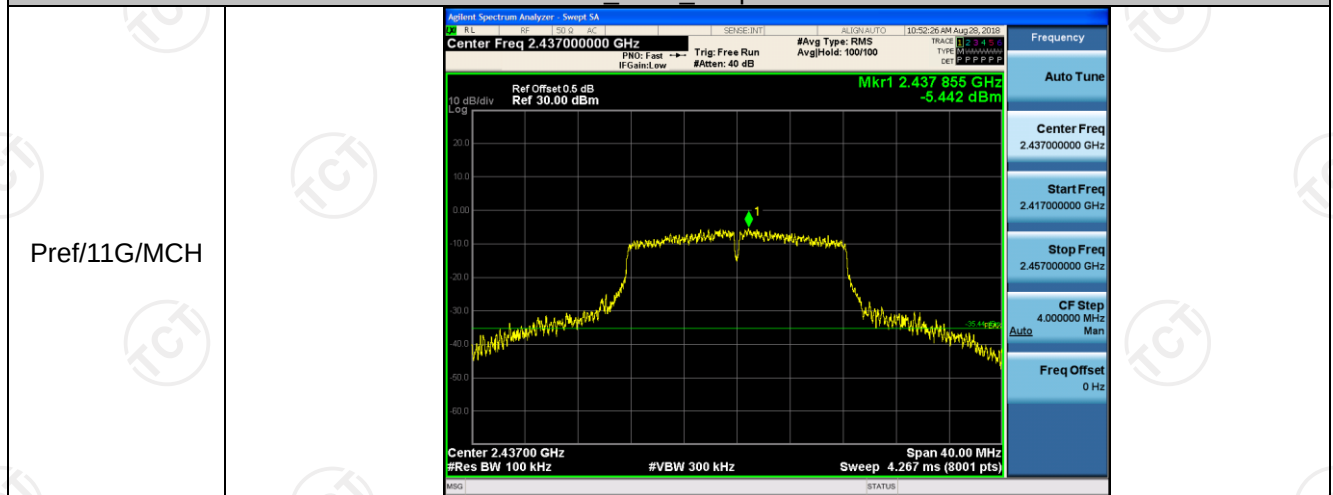




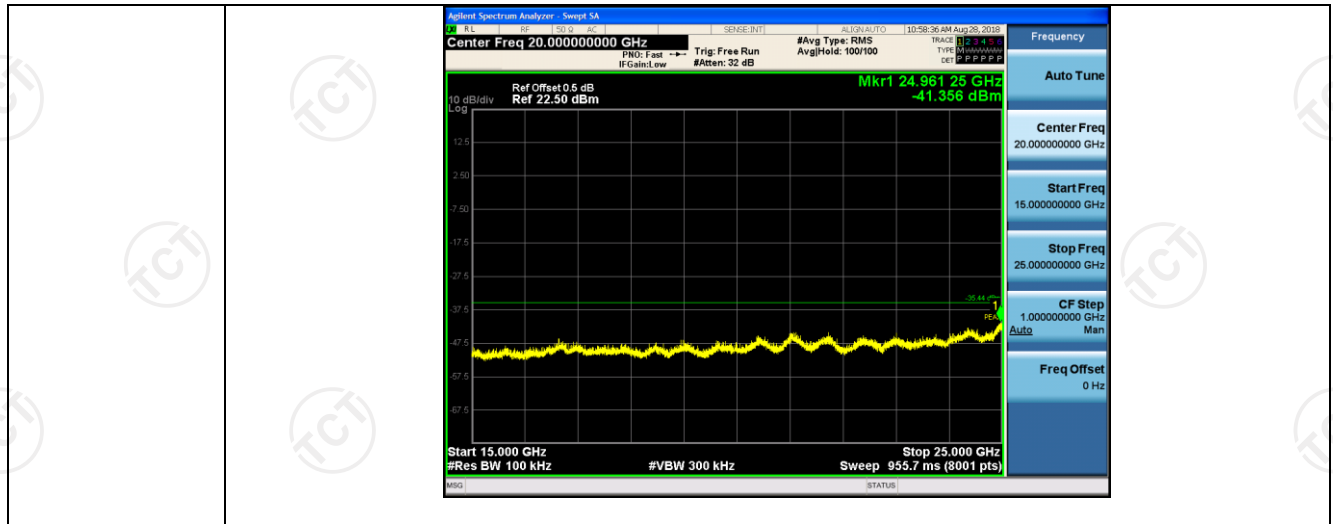




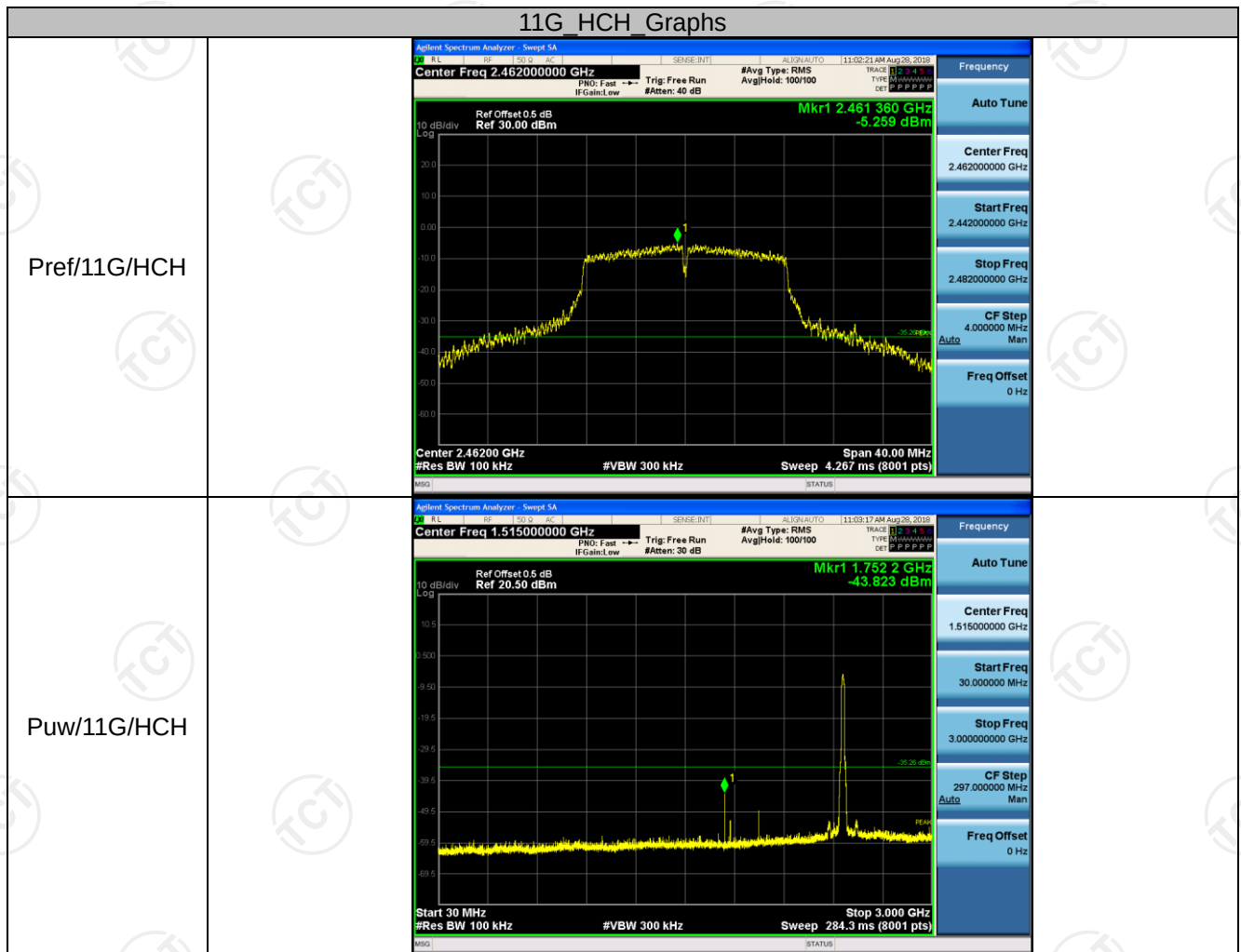
11G MCH Graphs



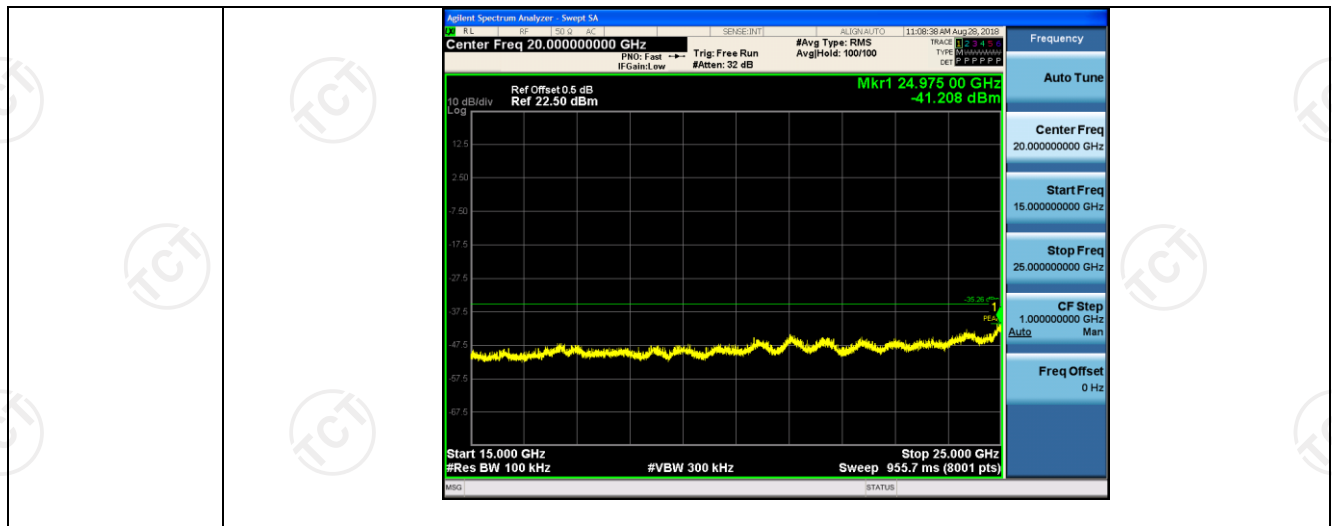




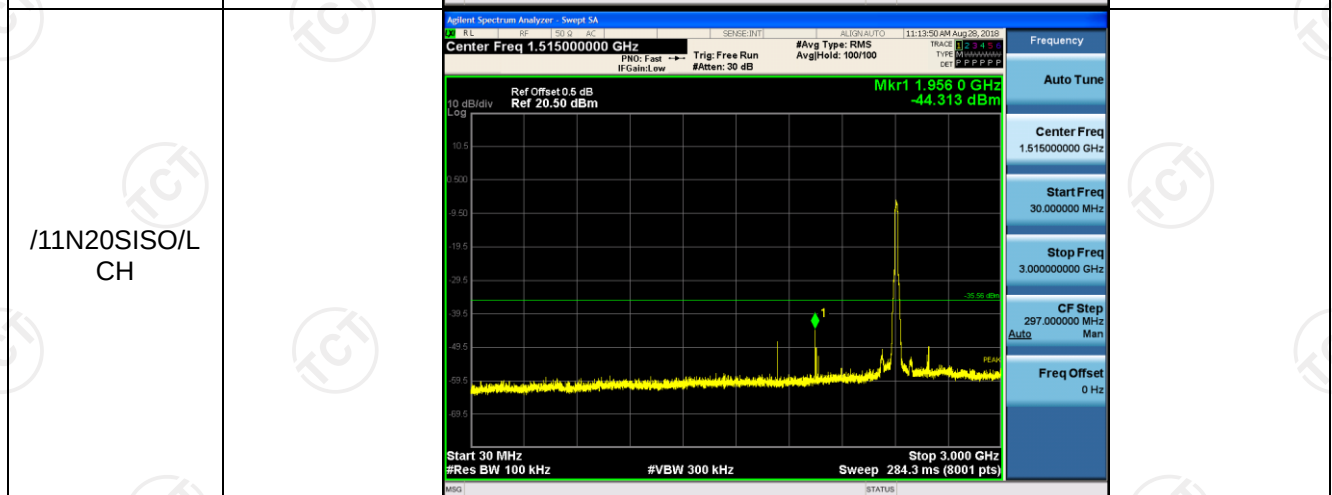
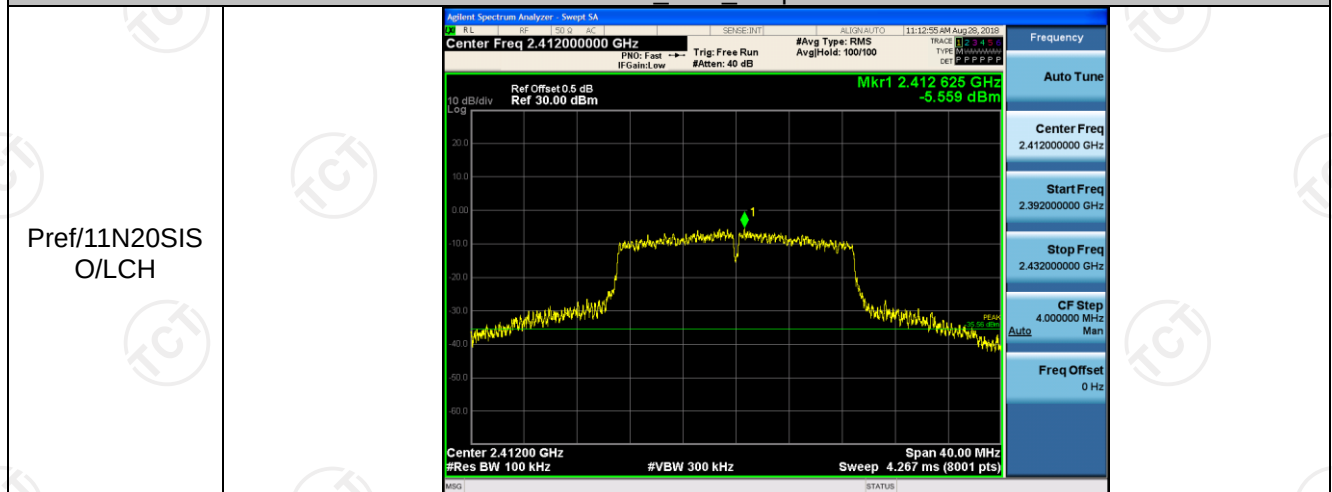
11G_HCH_Graphs



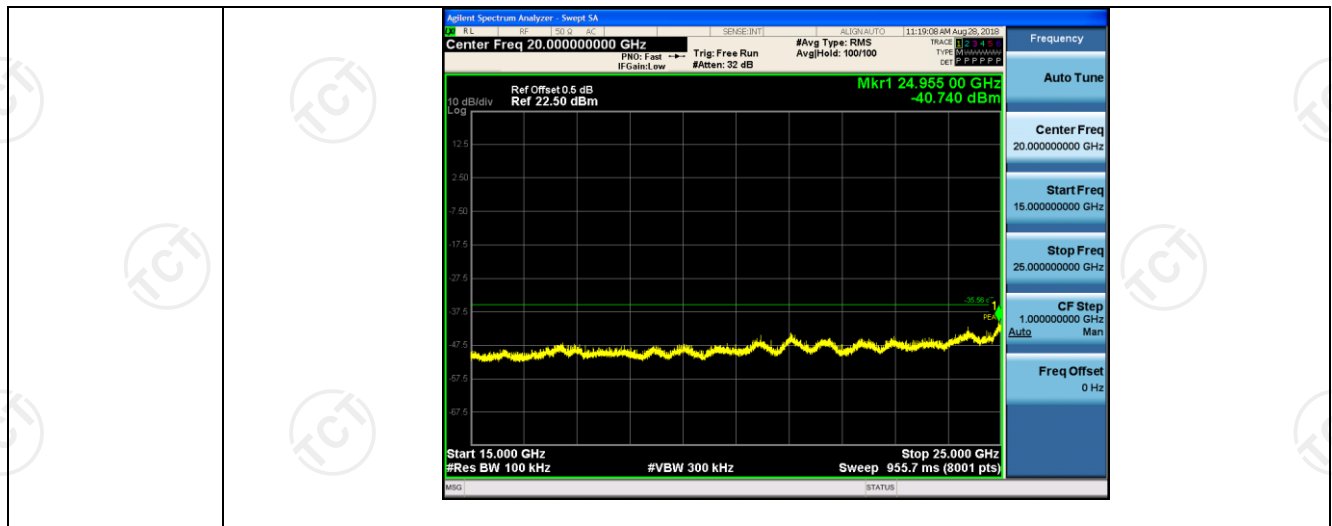




11N20SISO_LCH_Graphs

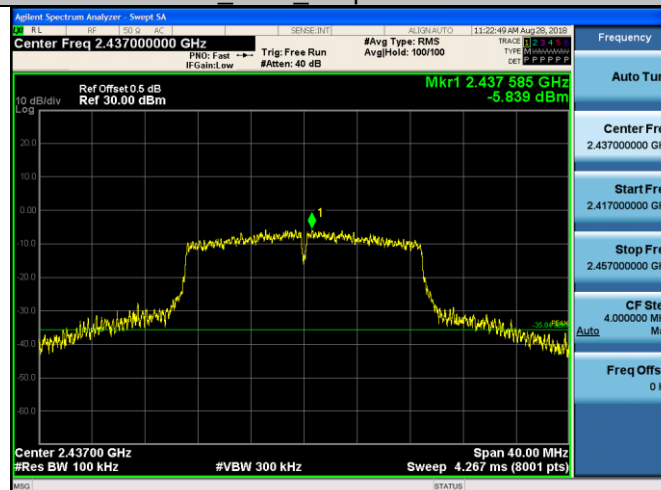






11N20SISO MCH_Graphs

Pref/11N20SIS
O/MCH



Puw/11N20SIS
O/MCH

