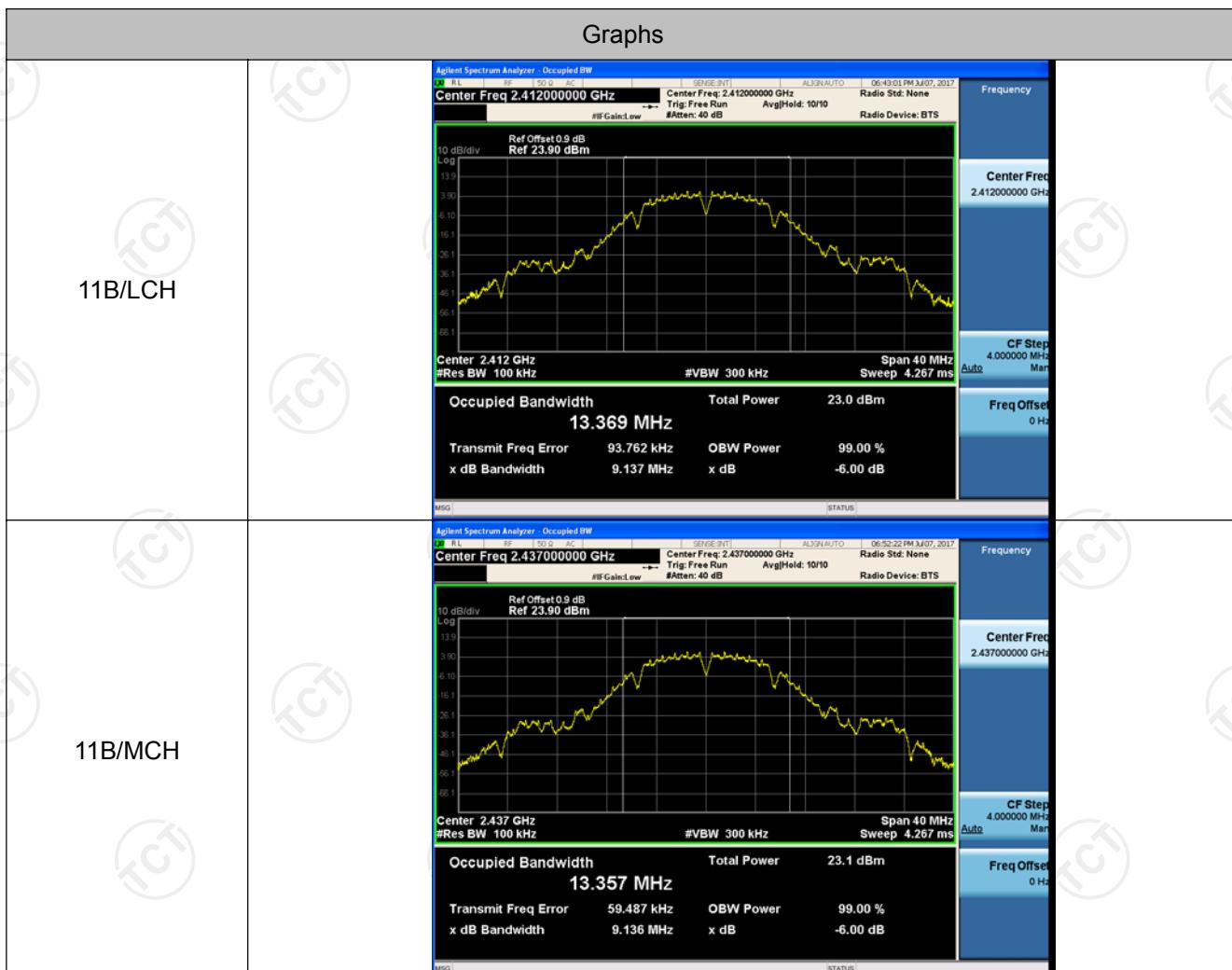


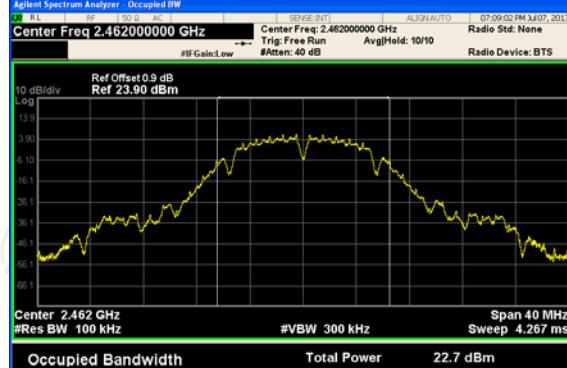
## 6dB Occupied Bandwidth

### Result Table

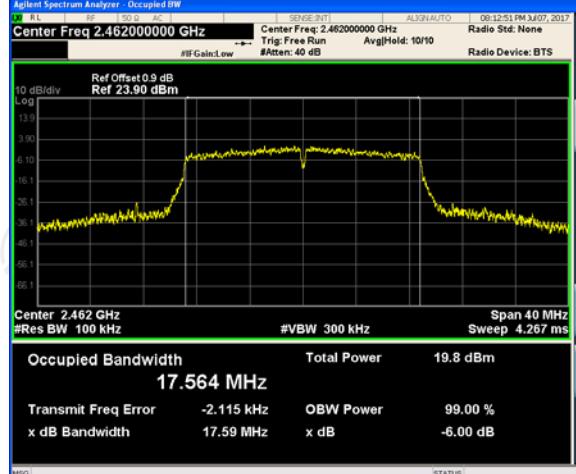
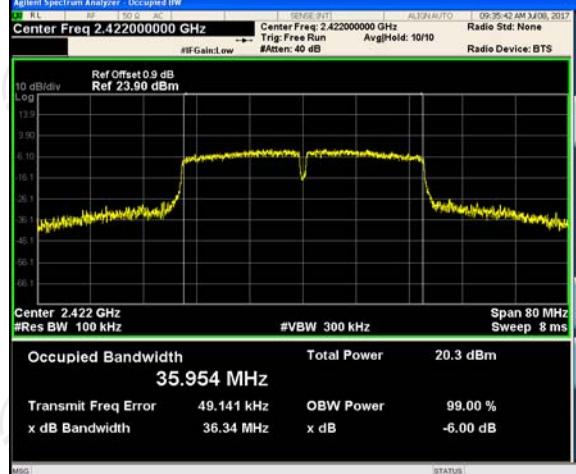
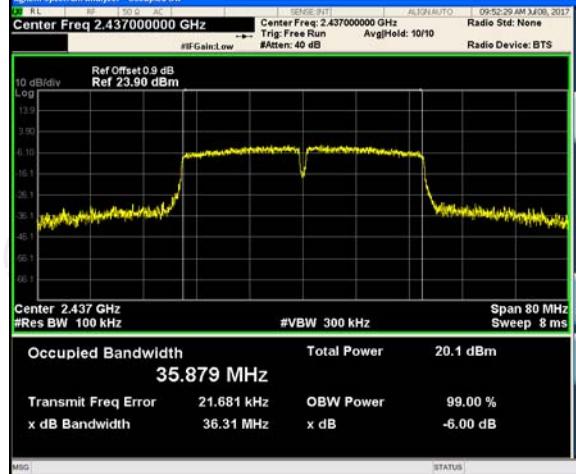
Mode	Channel	6dB Bandwidth [MHz]	99% OBW [MHz]	Verdict
11B	LCH	9.137	13.369	PASS
11B	MCH	9.136	13.357	PASS
11B	HCH	9.110	12.914	PASS
11G	LCH	16.35	16.464	PASS
11G	MCH	16.37	16.467	PASS
11G	HCH	16.35	16.395	PASS
11N20SISO	LCH	17.59	17.611	PASS
11N20SISO	MCH	17.61	17.597	PASS
11N20SISO	HCH	17.59	17.564	PASS
11N40SISO	LCH	36.34	35.954	PASS
11N40SISO	MCH	36.31	35.879	PASS
11N40SISO	HCH	36.06	35.867	PASS

### Test Graph

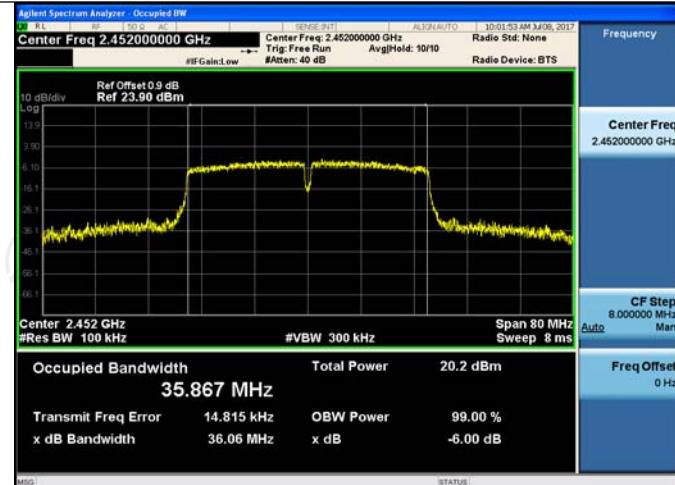


11B/HCH	 <p><b>Agilent Spectrum Analyzer - Occupied BW</b></p> <p>Center Freq: 2.462000000 GHz   SENSE:B11   ALIGN:AUTO   07-09-02 PM JU07, 2017</p> <p>Ref Offset: 0.9 dB   Ref: 23.90 dBm   Trig: Free Run   Avg Hold: 10/10   Radio Std: None</p> <p>#Att: 40 dB   Radio Device: BTS</p> <p>10 dB/div   Log   Frequency: 2.462000000 GHz   CF Step: 4.000000 MHz   Man</p> <p>Span 40 MHz   Freq Offset: 0 Hz</p> <p>Center 2.462 GHz   #Res BW: 100 kHz   #VBW: 300 kHz   Sweep: 4.267 ms</p> <p>Occupied Bandwidth: 12.914 MHz   Total Power: 22.7 dBm</p> <p>Transmit Freq Error: 29.672 kHz   OBW Power: 99.00 %</p> <p>x dB Bandwidth: 9.110 MHz   x dB: -6.00 dB</p>
11G/LCH	 <p><b>Agilent Spectrum Analyzer - Occupied BW</b></p> <p>Center Freq: 2.412000000 GHz   SENSE:B11   ALIGN:AUTO   07-19-04 PM JU07, 2017</p> <p>Ref Offset: 0.9 dB   Ref: 23.90 dBm   Trig: Free Run   Avg Hold: 10/10   Radio Std: None</p> <p>#Att: 40 dB   Radio Device: BTS</p> <p>10 dB/div   Log   Frequency: 2.412000000 GHz   CF Step: 4.000000 MHz   Man</p> <p>Span 40 MHz   Freq Offset: 0 Hz</p> <p>Center 2.412 GHz   #Res BW: 100 kHz   #VBW: 300 kHz   Sweep: 4.267 ms</p> <p>Occupied Bandwidth: 16.464 MHz   Total Power: 20.8 dBm</p> <p>Transmit Freq Error: -8.720 kHz   OBW Power: 99.00 %</p> <p>x dB Bandwidth: 16.35 MHz   x dB: -6.00 dB</p>
11G/MCH	 <p><b>Agilent Spectrum Analyzer - Occupied BW</b></p> <p>Center Freq: 2.437000000 GHz   SENSE:B11   ALIGN:AUTO   07-30-24 PM JU07, 2017</p> <p>Ref Offset: 0.9 dB   Ref: 23.90 dBm   Trig: Free Run   Avg Hold: 10/10   Radio Std: None</p> <p>#Att: 40 dB   Radio Device: BTS</p> <p>10 dB/div   Log   Frequency: 2.437000000 GHz   CF Step: 4.000000 MHz   Man</p> <p>Span 40 MHz   Freq Offset: 0 Hz</p> <p>Center 2.437 GHz   #Res BW: 100 kHz   #VBW: 300 kHz   Sweep: 4.267 ms</p> <p>Occupied Bandwidth: 16.467 MHz   Total Power: 20.9 dBm</p> <p>Transmit Freq Error: -9.379 kHz   OBW Power: 99.00 %</p> <p>x dB Bandwidth: 16.37 MHz   x dB: -6.00 dB</p>

11G/HCH	 <p><b>Agilent Spectrum Analyzer - Occupied BW</b></p> <p>Center Freq: 2.462000000 GHz   Center Freq: 2.462000000 GHz   ALIGN/AUTO   07-30-17 PM JU07, 2017</p> <p>Ref Offset 0.9 dB   Ref 23.90 dBm</p> <p>10 dB/div   Log  </p> <p>Center 2.462 GHz   #Res BW 100 kHz   #VBW 300 kHz   Span 40 MHz   Sweep 4.267 ms</p> <table border="1"> <thead> <tr> <th>Occupied Bandwidth</th> <th>Total Power</th> <th>20.1 dBm</th> </tr> </thead> <tbody> <tr> <td>16.395 MHz</td> <td></td> <td></td> </tr> <tr> <td>Transmit Freq Error</td> <td>-2.287 kHz</td> <td>OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>16.35 MHz</td> <td>x dB</td> <td>-6.00 dB</td> </tr> </tbody> </table> <p>MSG   STATUS</p>	Occupied Bandwidth	Total Power	20.1 dBm	16.395 MHz			Transmit Freq Error	-2.287 kHz	OBW Power	99.00 %	x dB Bandwidth	16.35 MHz	x dB	-6.00 dB
Occupied Bandwidth	Total Power	20.1 dBm													
16.395 MHz															
Transmit Freq Error	-2.287 kHz	OBW Power	99.00 %												
x dB Bandwidth	16.35 MHz	x dB	-6.00 dB												
11N20SISO/LCH	 <p><b>Agilent Spectrum Analyzer - Occupied BW</b></p> <p>Center Freq: 2.412000000 GHz   Center Freq: 2.412000000 GHz   ALIGN/AUTO   07-31-15 PM JU07, 2017</p> <p>Ref Offset 0.9 dB   Ref 23.90 dBm</p> <p>10 dB/div   Log  </p> <p>Center 2.412 GHz   #Res BW 100 kHz   #VBW 300 kHz   Span 40 MHz   Sweep 4.267 ms</p> <table border="1"> <thead> <tr> <th>Occupied Bandwidth</th> <th>Total Power</th> <th>20.4 dBm</th> </tr> </thead> <tbody> <tr> <td>17.611 MHz</td> <td></td> <td></td> </tr> <tr> <td>Transmit Freq Error</td> <td>9.164 kHz</td> <td>OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>17.59 MHz</td> <td>x dB</td> <td>-6.00 dB</td> </tr> </tbody> </table> <p>MSG   STATUS</p>	Occupied Bandwidth	Total Power	20.4 dBm	17.611 MHz			Transmit Freq Error	9.164 kHz	OBW Power	99.00 %	x dB Bandwidth	17.59 MHz	x dB	-6.00 dB
Occupied Bandwidth	Total Power	20.4 dBm													
17.611 MHz															
Transmit Freq Error	9.164 kHz	OBW Power	99.00 %												
x dB Bandwidth	17.59 MHz	x dB	-6.00 dB												
11N20SISO/MCH	 <p><b>Agilent Spectrum Analyzer - Occupied BW</b></p> <p>Center Freq: 2.437000000 GHz   Center Freq: 2.437000000 GHz   ALIGN/AUTO   08-01-28 PM JU07, 2017</p> <p>Ref Offset 0.9 dB   Ref 23.90 dBm</p> <p>10 dB/div   Log  </p> <p>Center 2.437 GHz   #Res BW 100 kHz   #VBW 300 kHz   Span 40 MHz   Sweep 4.267 ms</p> <table border="1"> <thead> <tr> <th>Occupied Bandwidth</th> <th>Total Power</th> <th>20.2 dBm</th> </tr> </thead> <tbody> <tr> <td>17.597 MHz</td> <td></td> <td></td> </tr> <tr> <td>Transmit Freq Error</td> <td>9.026 kHz</td> <td>OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>17.61 MHz</td> <td>x dB</td> <td>-6.00 dB</td> </tr> </tbody> </table> <p>MSG   STATUS</p>	Occupied Bandwidth	Total Power	20.2 dBm	17.597 MHz			Transmit Freq Error	9.026 kHz	OBW Power	99.00 %	x dB Bandwidth	17.61 MHz	x dB	-6.00 dB
Occupied Bandwidth	Total Power	20.2 dBm													
17.597 MHz															
Transmit Freq Error	9.026 kHz	OBW Power	99.00 %												
x dB Bandwidth	17.61 MHz	x dB	-6.00 dB												

11N20SISO/HCH	 <p><b>Agilent Spectrum Analyzer - Occupied BW</b></p> <p>Center Freq: 2.462000000 GHz   Center Freq: 2.462000000 GHz   ALIGN/AUTO   08:12:51 PM 14/07, 2017</p> <p>Ref Offset 0.9 dB   Ref 23.90 dBm</p> <p>10 dB/div   Log</p> <p>Span 40 MHz   Sweep 4.267 ms</p> <p>#Res BW: 100 kHz   #VBW: 300 kHz</p> <table border="1"> <thead> <tr> <th>Occupied Bandwidth</th> <th>Total Power</th> <th>19.8 dBm</th> </tr> </thead> <tbody> <tr> <td>17.564 MHz</td> <td></td> <td></td> </tr> </tbody> </table> <p>Transmit Freq Error: -2.115 kHz   OBW Power: 99.00 %</p> <p>x dB Bandwidth: 17.59 MHz   x dB: -6.00 dB</p>	Occupied Bandwidth	Total Power	19.8 dBm	17.564 MHz		
Occupied Bandwidth	Total Power	19.8 dBm					
17.564 MHz							
11N40SISO/LCH	 <p><b>Agilent Spectrum Analyzer - Occupied BW</b></p> <p>Center Freq: 2.422000000 GHz   Center Freq: 2.422000000 GHz   ALIGN/AUTO   09:25:42 AM 15/07, 2017</p> <p>Ref Offset 0.9 dB   Ref 23.90 dBm</p> <p>10 dB/div   Log</p> <p>Span 80 MHz   Sweep 8 ms</p> <p>#Res BW: 100 kHz   #VBW: 300 kHz</p> <table border="1"> <thead> <tr> <th>Occupied Bandwidth</th> <th>Total Power</th> <th>20.3 dBm</th> </tr> </thead> <tbody> <tr> <td>35.954 MHz</td> <td></td> <td></td> </tr> </tbody> </table> <p>Transmit Freq Error: 49.141 kHz   OBW Power: 99.00 %</p> <p>x dB Bandwidth: 36.34 MHz   x dB: -6.00 dB</p>	Occupied Bandwidth	Total Power	20.3 dBm	35.954 MHz		
Occupied Bandwidth	Total Power	20.3 dBm					
35.954 MHz							
11N40SISO/MCH	 <p><b>Agilent Spectrum Analyzer - Occupied BW</b></p> <p>Center Freq: 2.437000000 GHz   Center Freq: 2.437000000 GHz   ALIGN/AUTO   09:52:29 AM 15/07, 2017</p> <p>Ref Offset 0.9 dB   Ref 23.90 dBm</p> <p>10 dB/div   Log</p> <p>Span 80 MHz   Sweep 8 ms</p> <p>#Res BW: 100 kHz   #VBW: 300 kHz</p> <table border="1"> <thead> <tr> <th>Occupied Bandwidth</th> <th>Total Power</th> <th>20.1 dBm</th> </tr> </thead> <tbody> <tr> <td>35.879 MHz</td> <td></td> <td></td> </tr> </tbody> </table> <p>Transmit Freq Error: 21.681 kHz   OBW Power: 99.00 %</p> <p>x dB Bandwidth: 36.31 MHz   x dB: -6.00 dB</p>	Occupied Bandwidth	Total Power	20.1 dBm	35.879 MHz		
Occupied Bandwidth	Total Power	20.1 dBm					
35.879 MHz							

11N40SISO/HCH



## Band-edge for RF Conducted Emissions

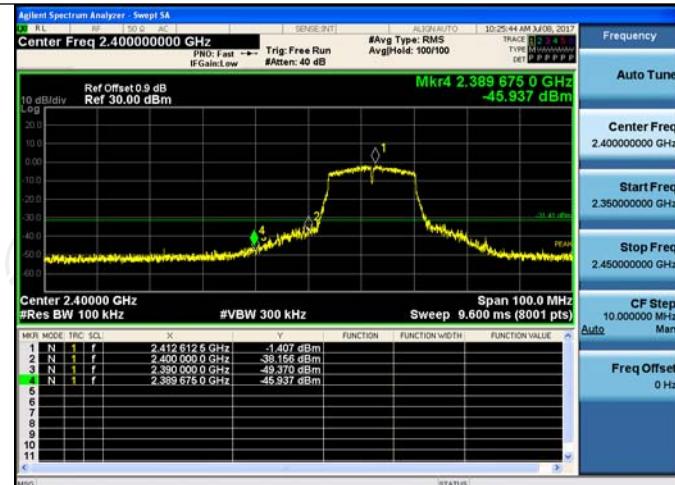
### Result Table

Mode	Channel	Carrier Power [dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	4.129	-48.731	-25.87	PASS
11B	HCH	3.535	-48.990	-26.47	PASS
11G	LCH	-1.407	-45.937	-31.41	PASS
11G	HCH	-1.387	-44.650	-31.39	PASS
11N20SISO	LCH	-2.422	-44.182	-32.42	PASS
11N20SISO	HCH	-0.330	-41.293	-30.33	PASS
11N40SISO	LCH	-6.470	-41.008	-36.47	PASS
11N40SISO	HCH	-4.326	-39.383	-34.33	PASS

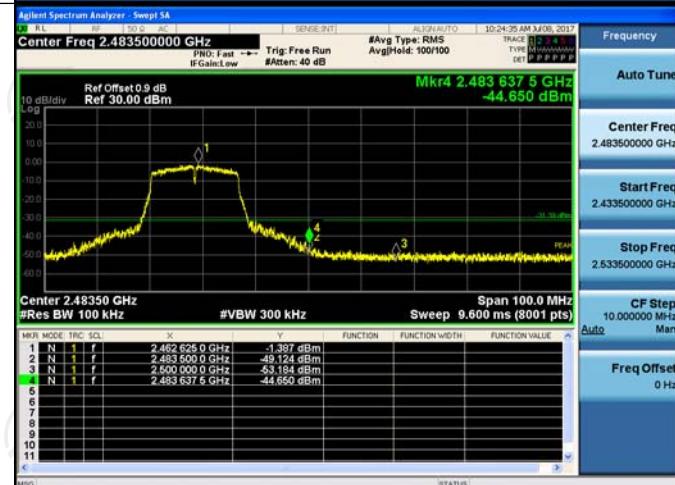
### Test Graph



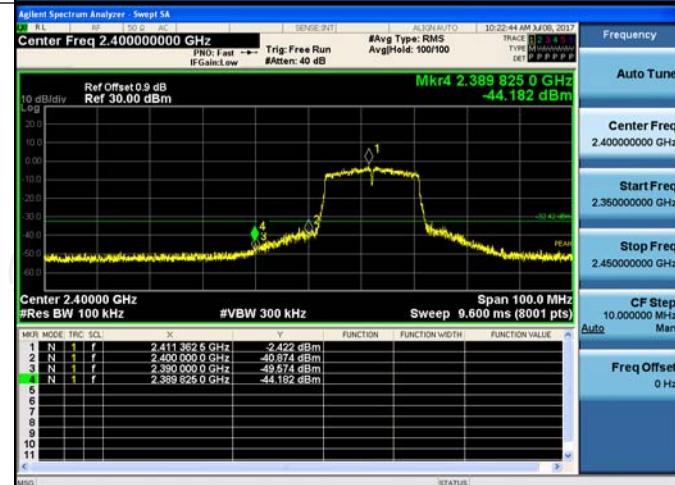
11G/LCH



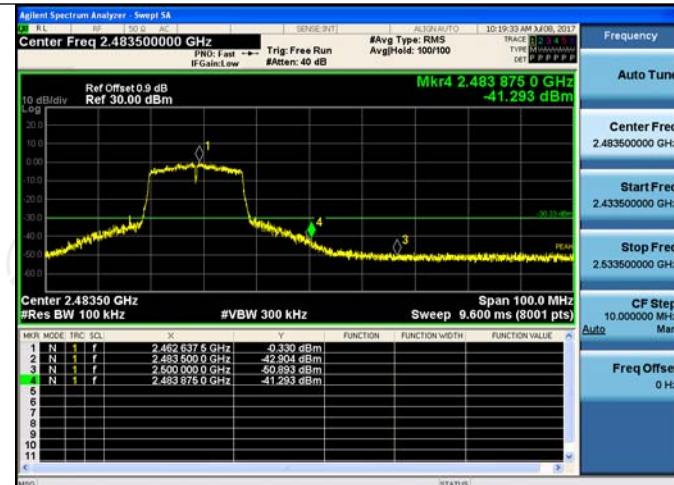
11G/HCH



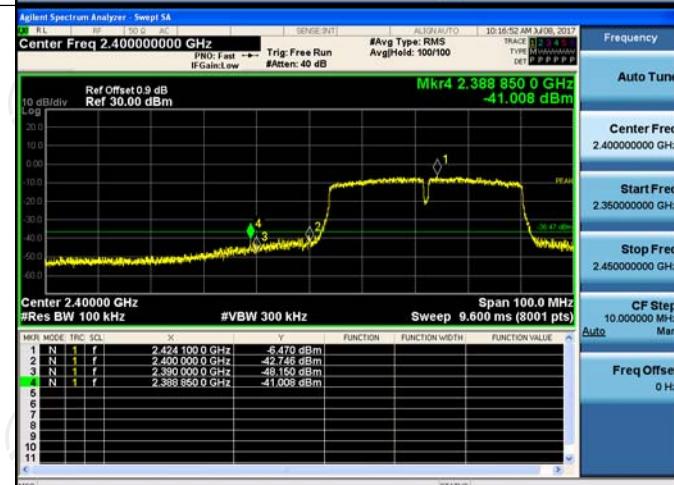
11N20SISO/LCH



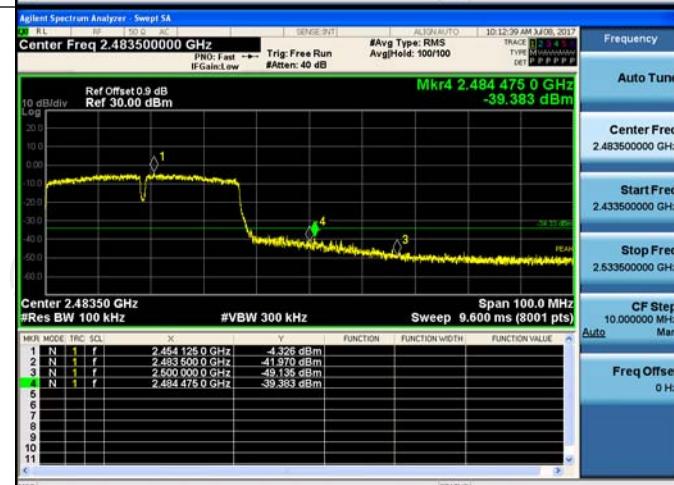
11N20SISO/HCH



11N40SISO/LCH



11N40SISO/HCH

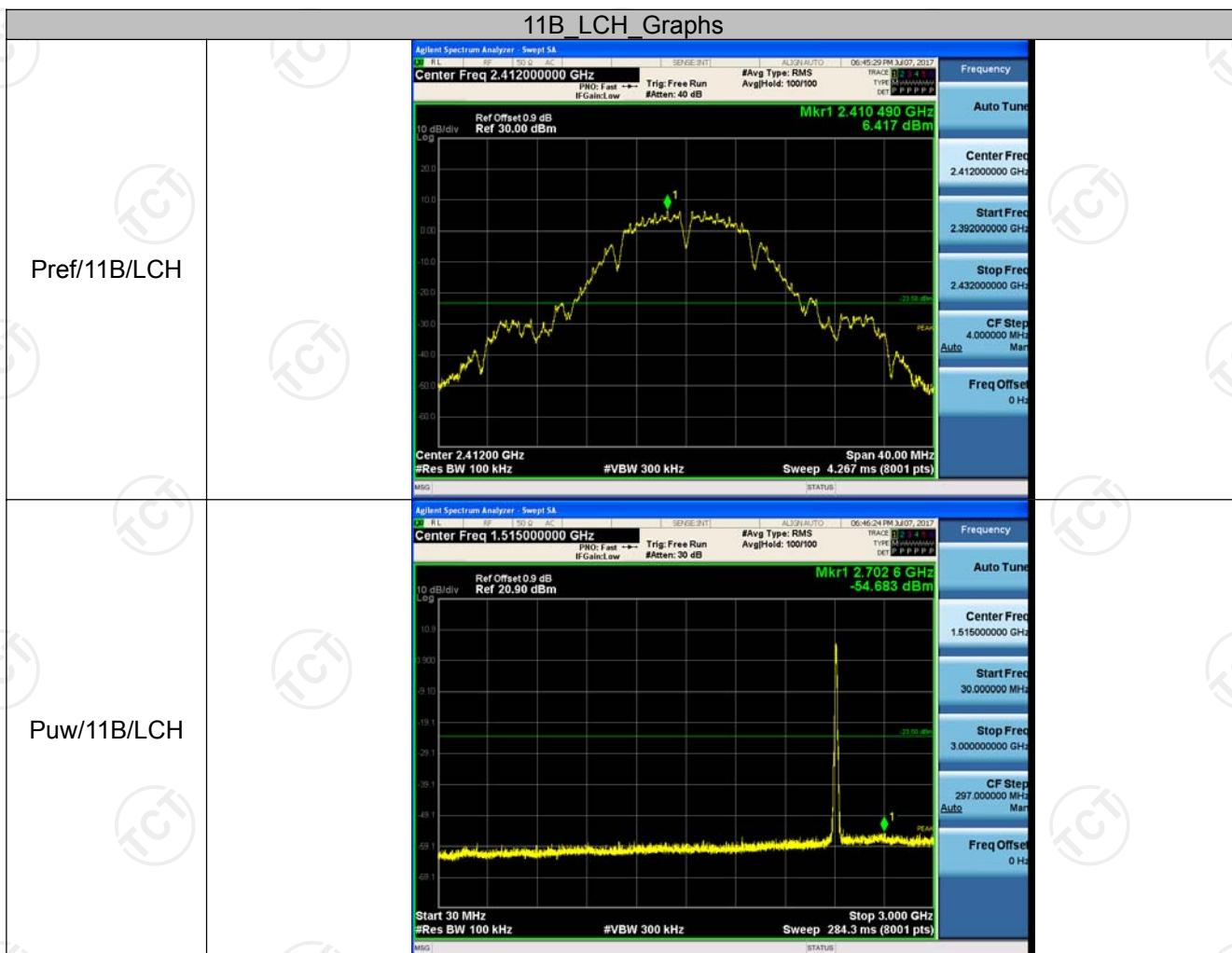


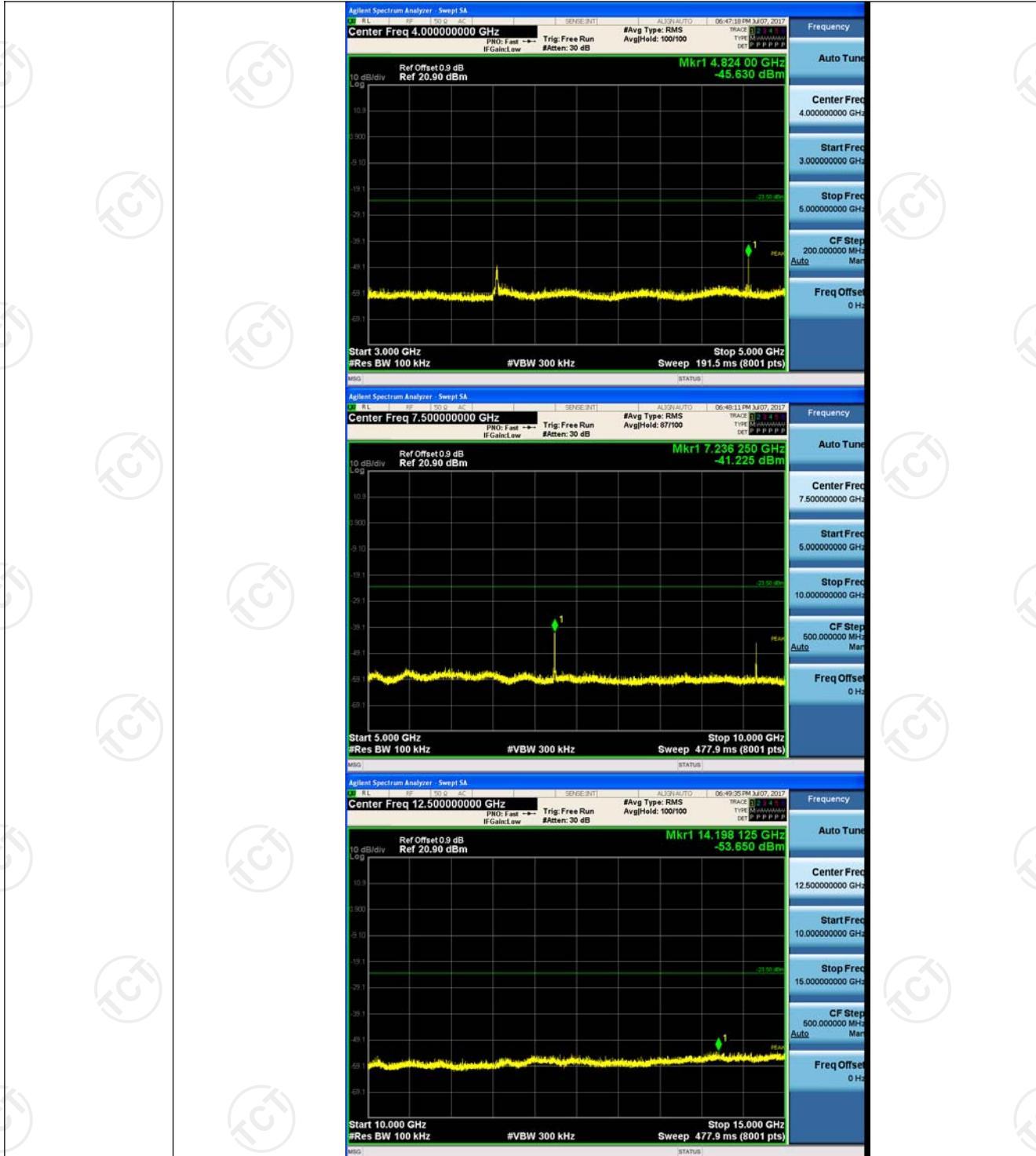
## RF Conducted Spurious Emissions

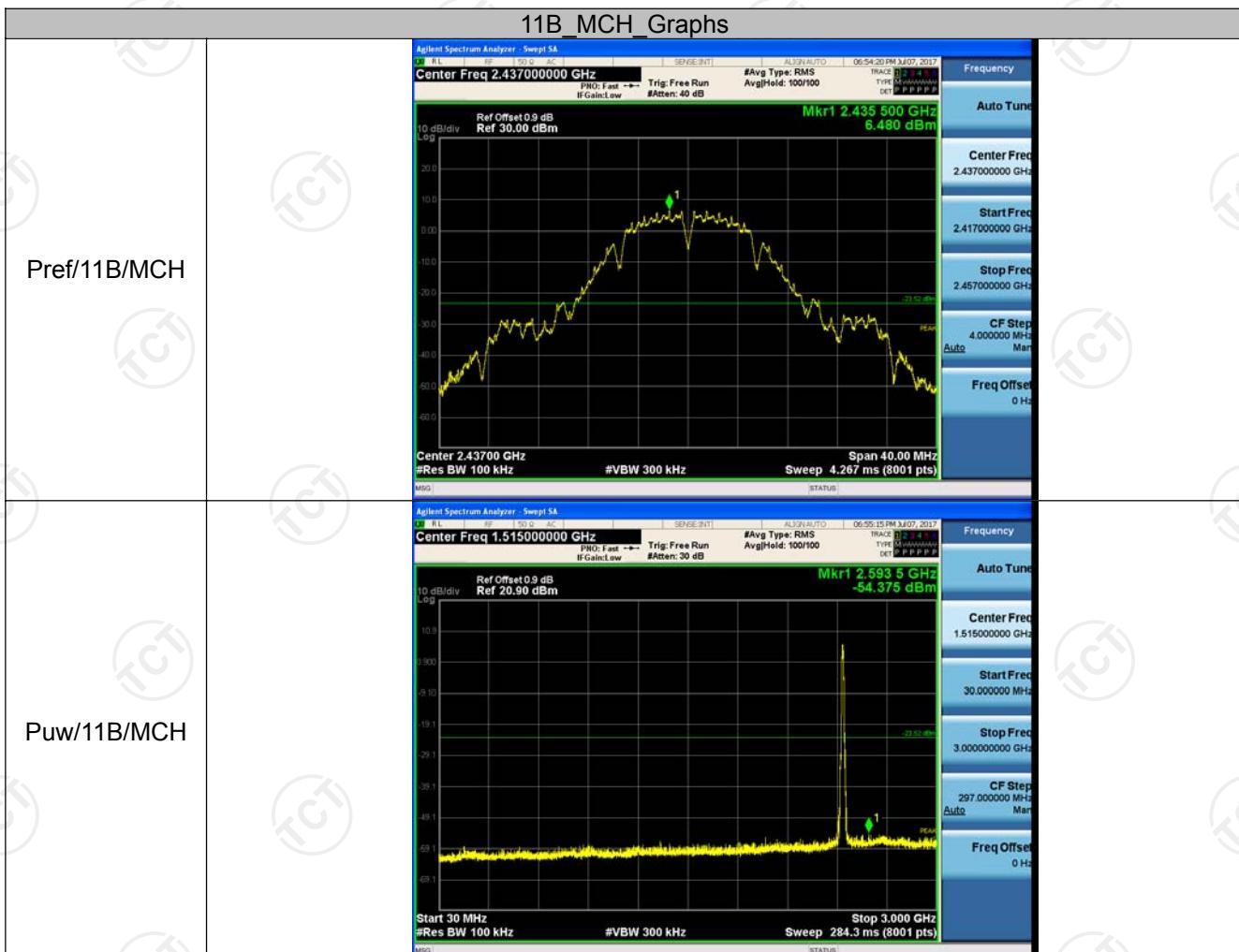
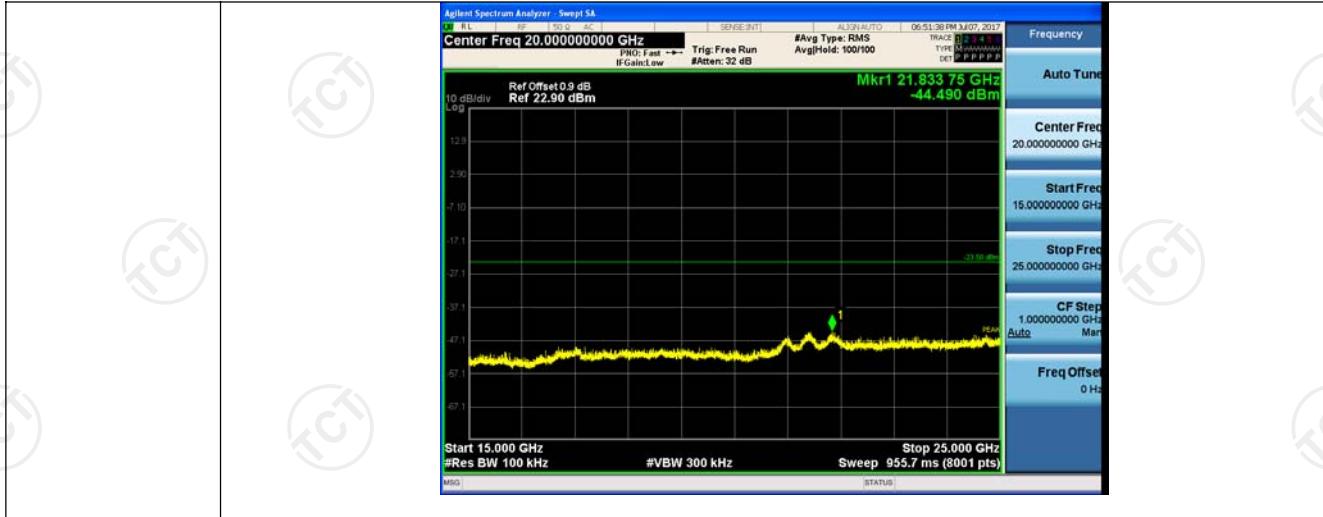
### Result Table

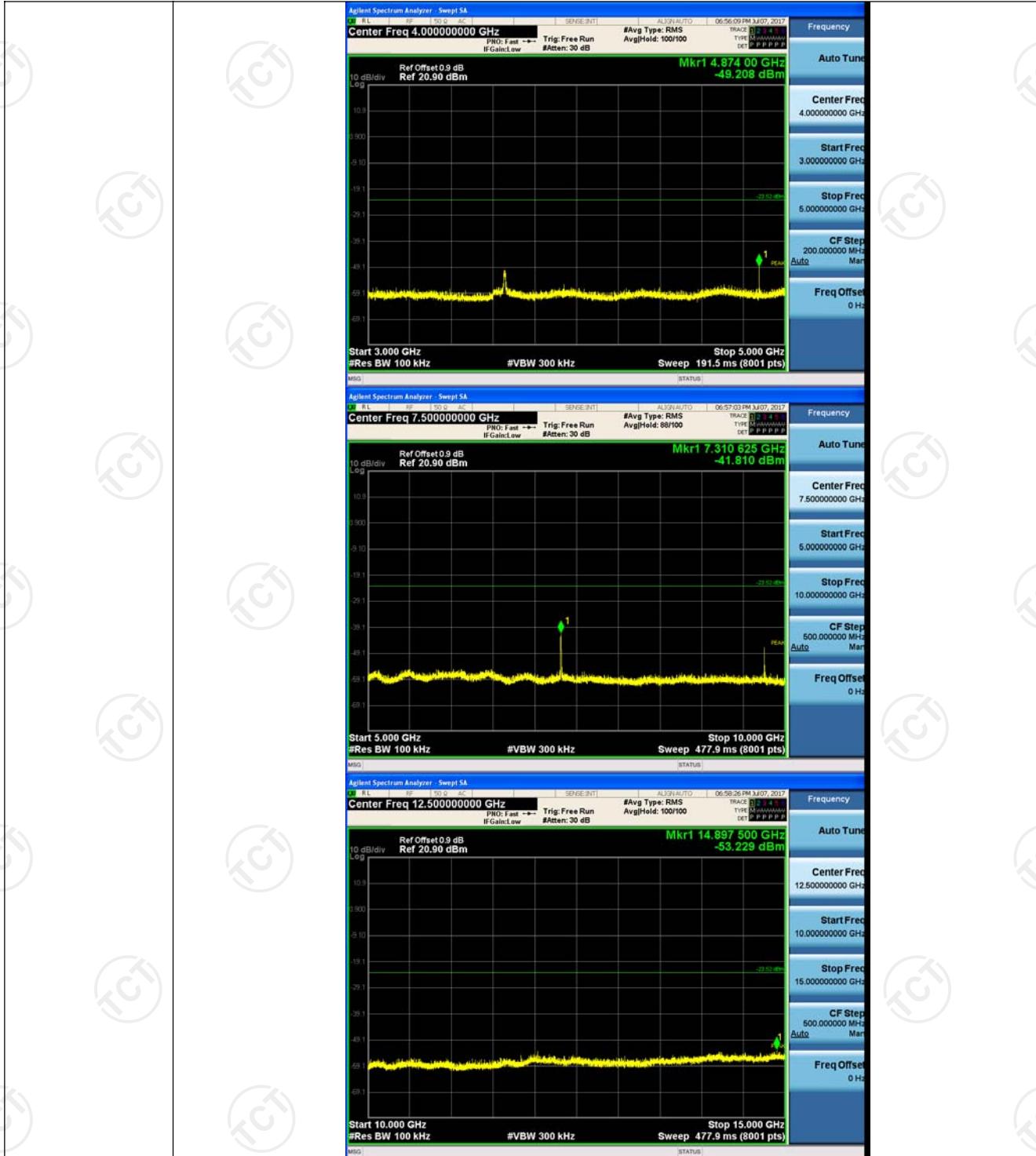
Mode	Channel	Pref [dBm]	Puw [dBm]	Verdict
11B	LCH	6.417	<Limit	PASS
11B	MCH	6.48	<Limit	PASS
11B	HCH	6.148	<Limit	PASS
11G	LCH	1.583	<Limit	PASS
11G	MCH	1.855	<Limit	PASS
11G	HCH	1.105	<Limit	PASS
11N20SISO	LCH	1.507	<Limit	PASS
11N20SISO	MCH	1.228	<Limit	PASS
11N20SISO	HCH	0.723	<Limit	PASS
11N40SISO	LCH	-2.384	<Limit	PASS
11N40SISO	MCH	-2.612	<Limit	PASS
11N40SISO	HCH	-2.5	<Limit	PASS

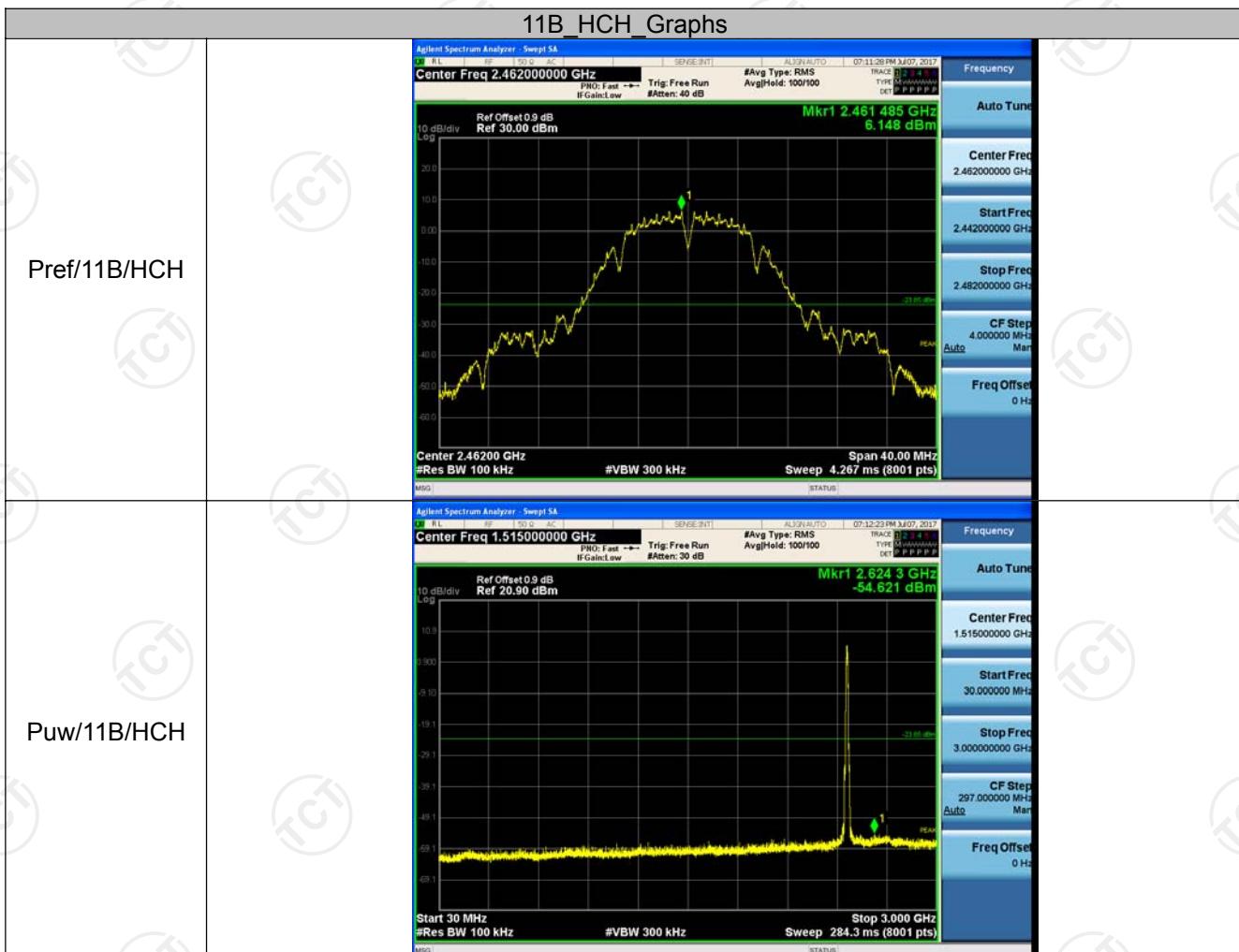
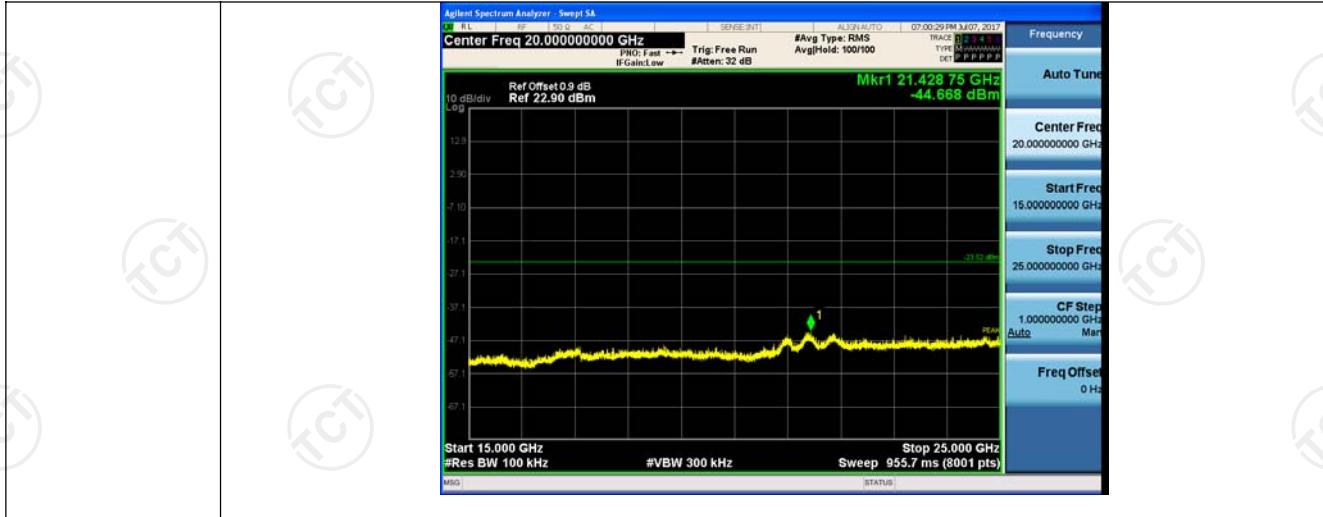
### Test Graph

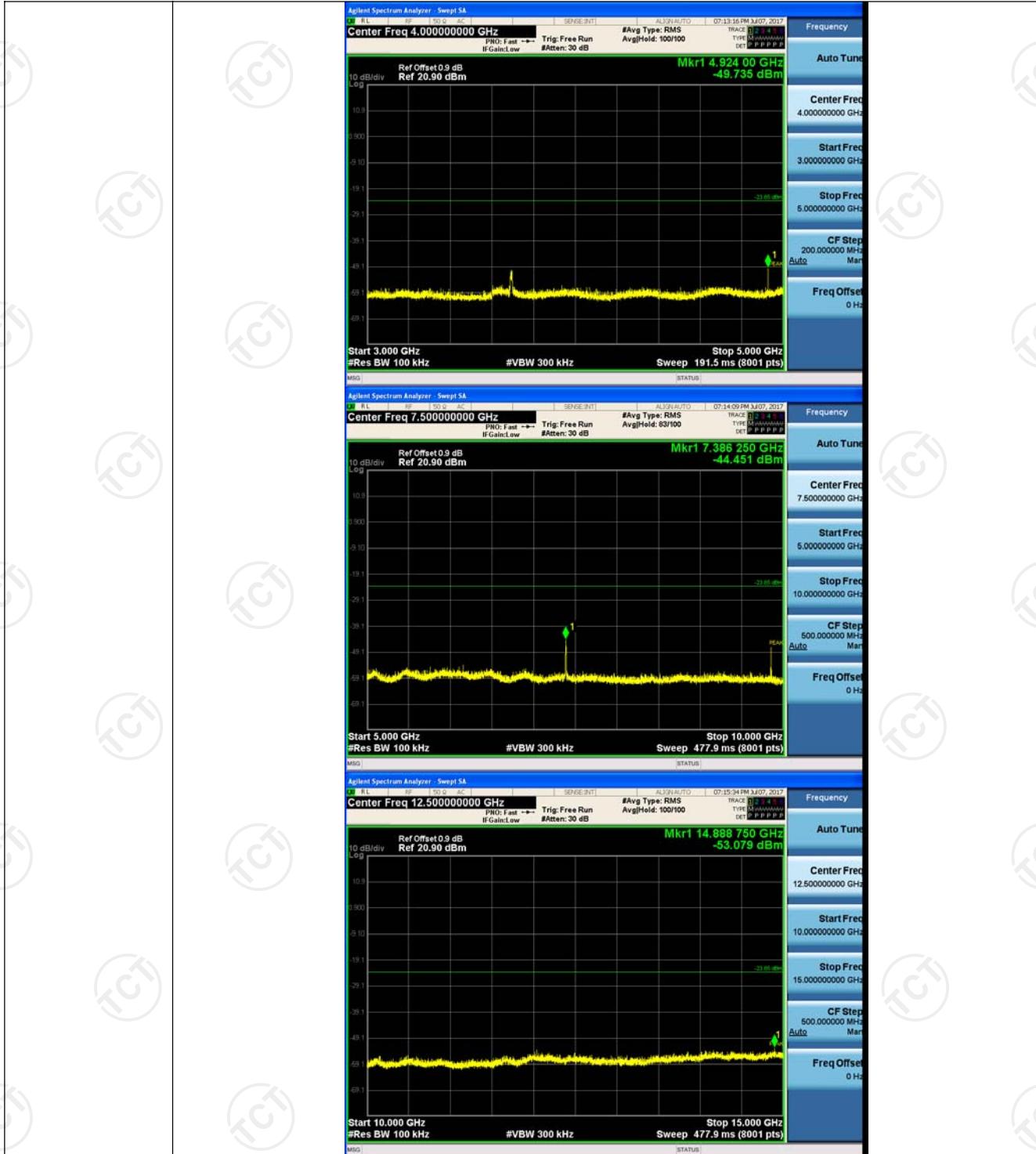


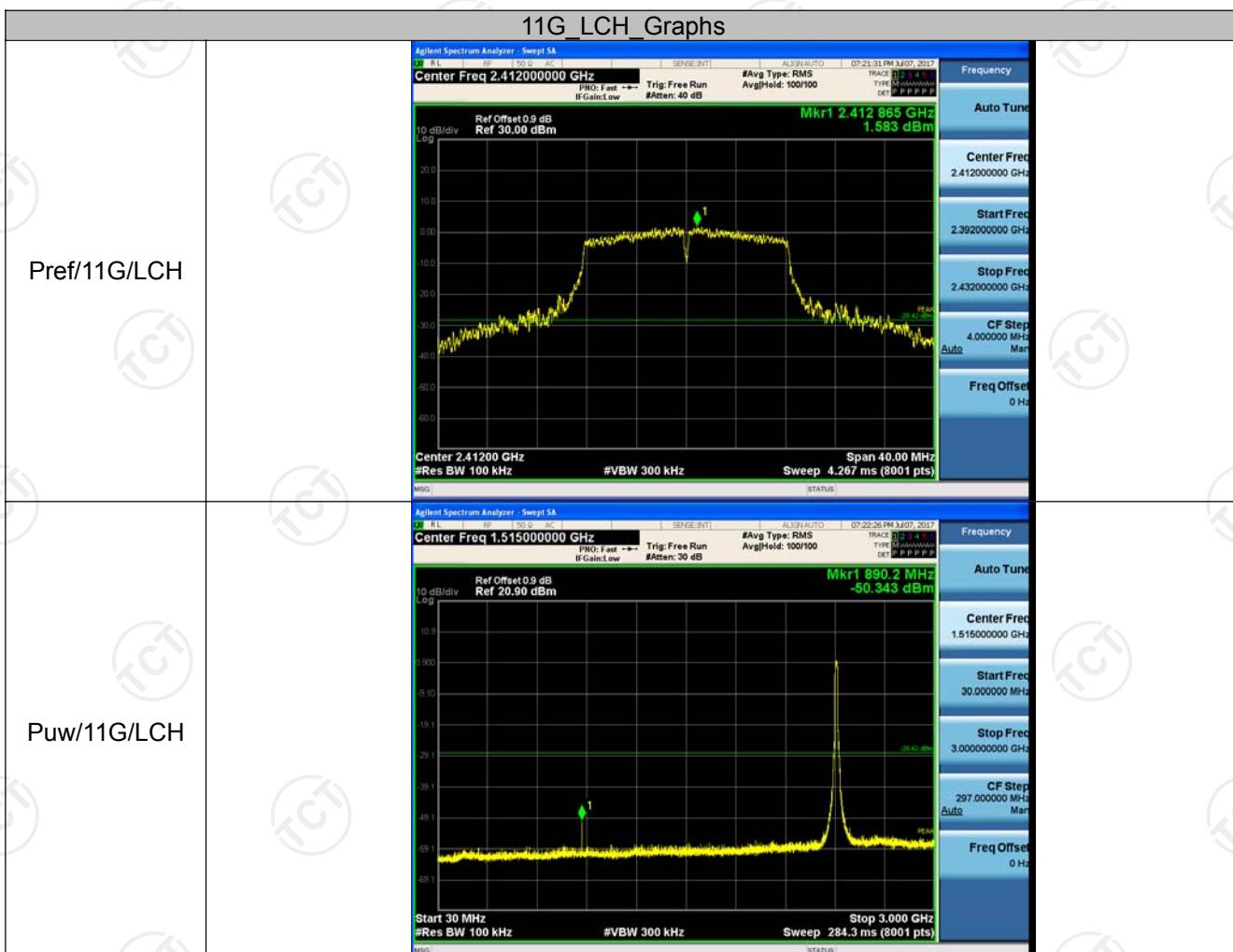
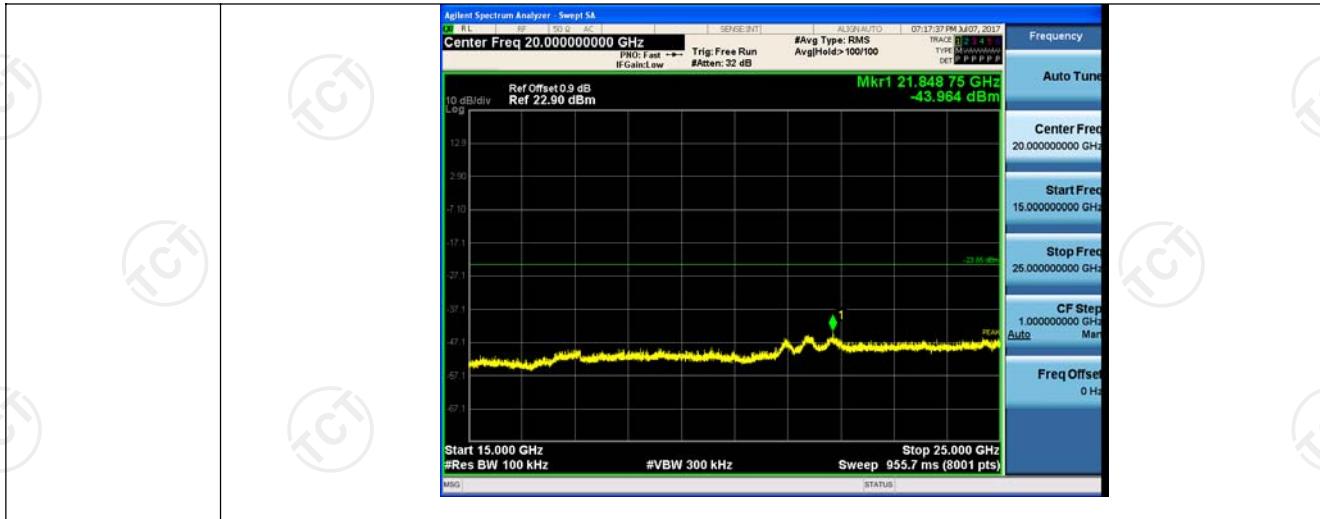


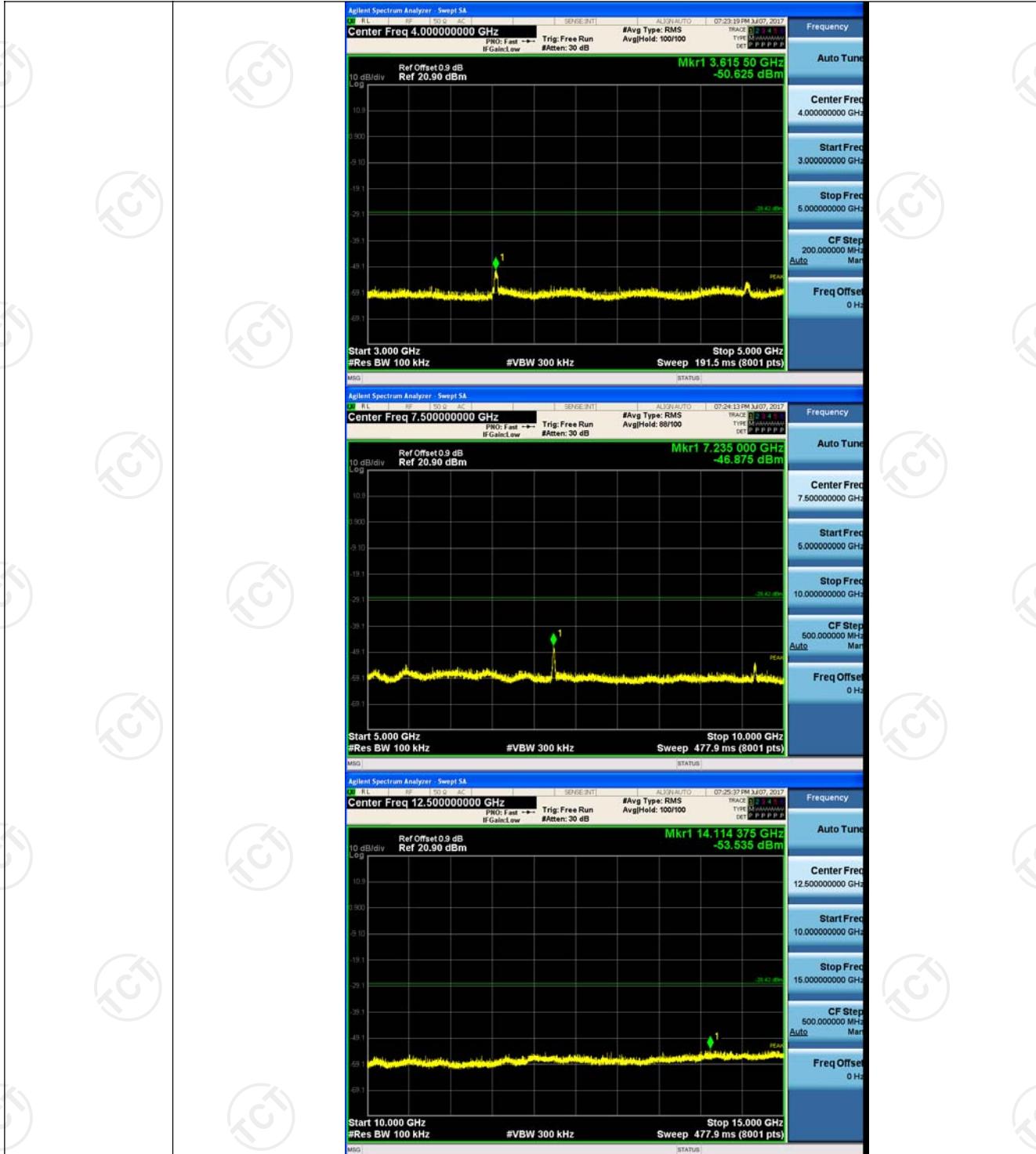


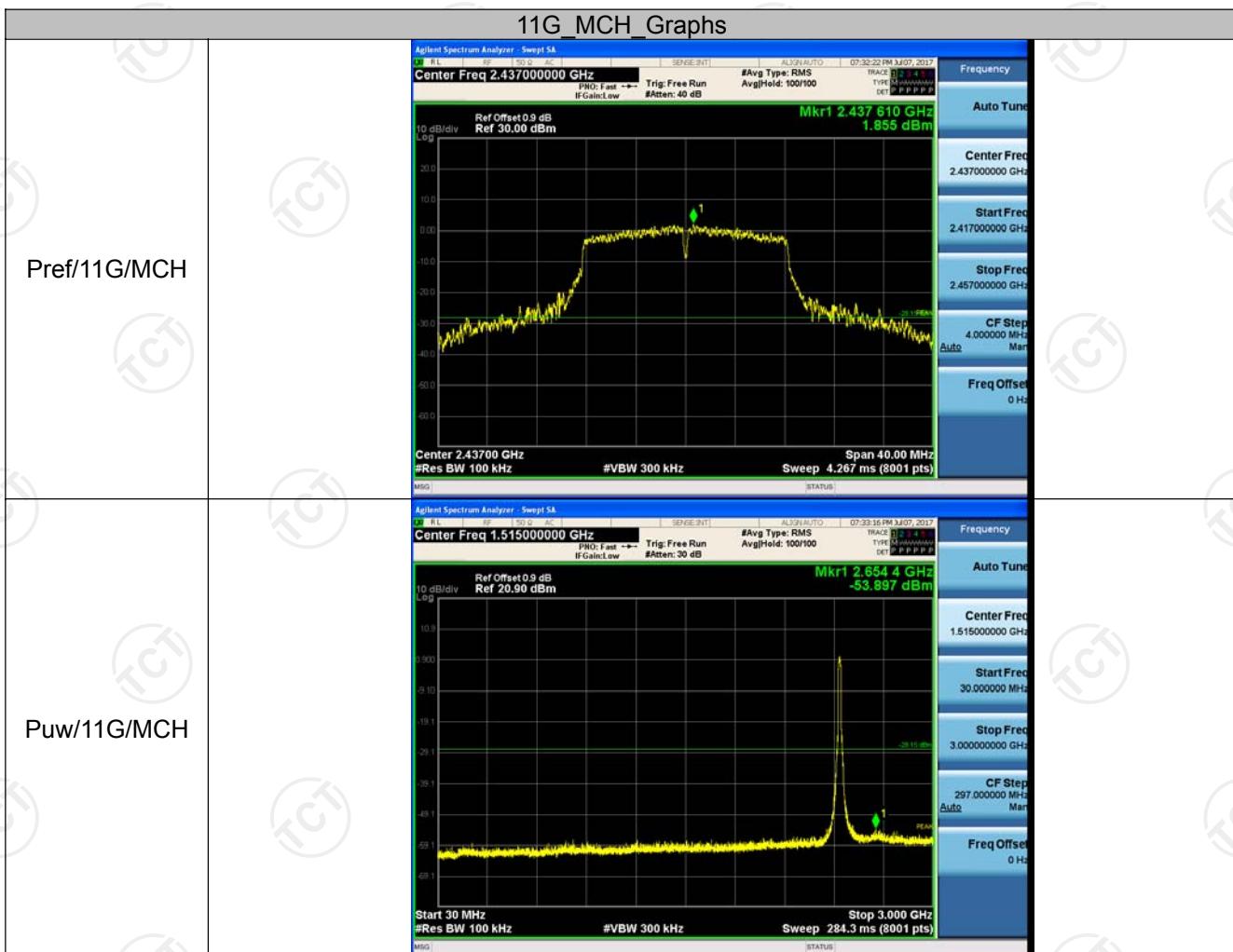
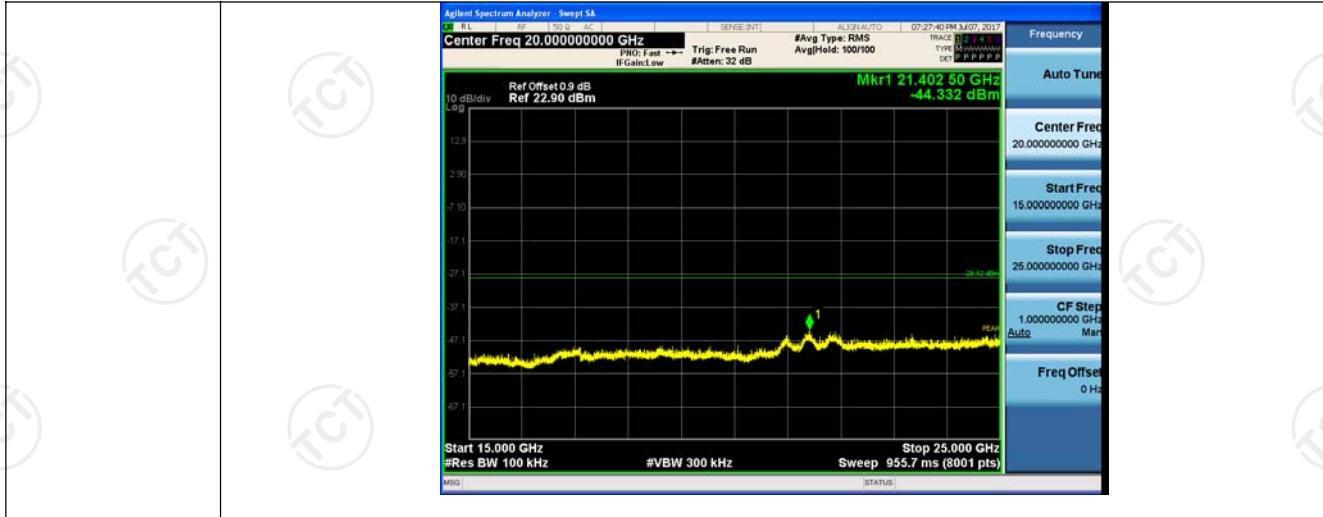


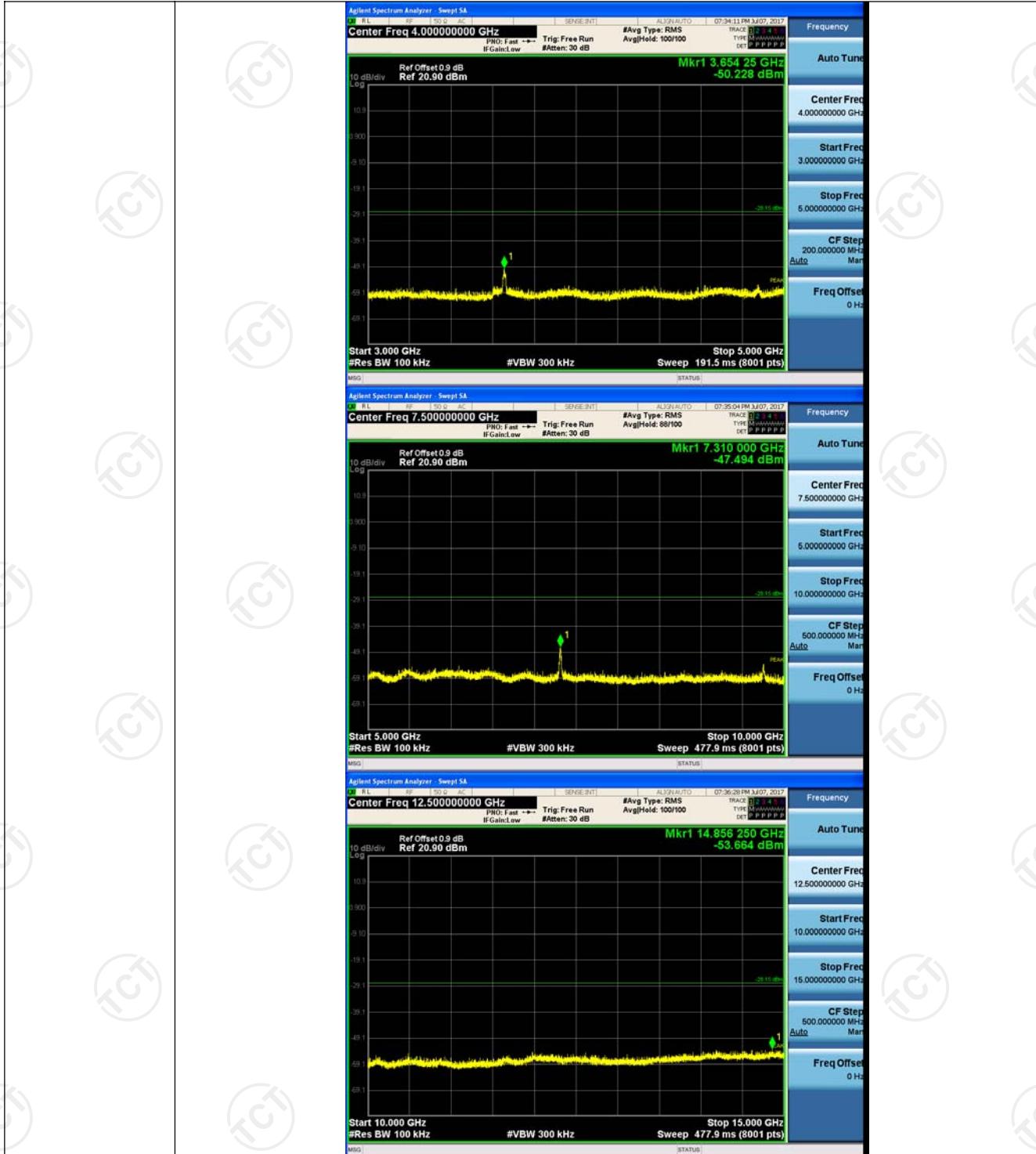


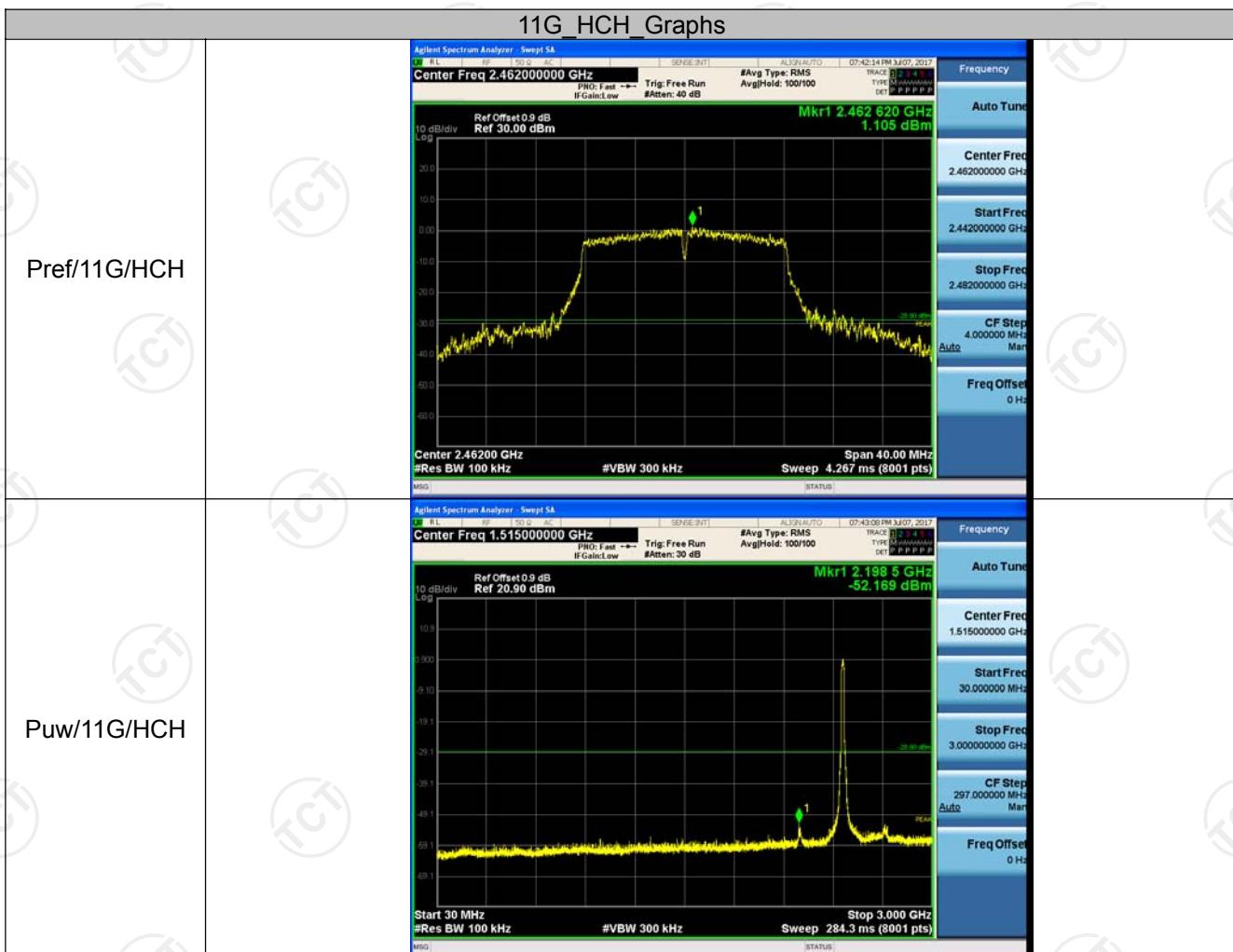
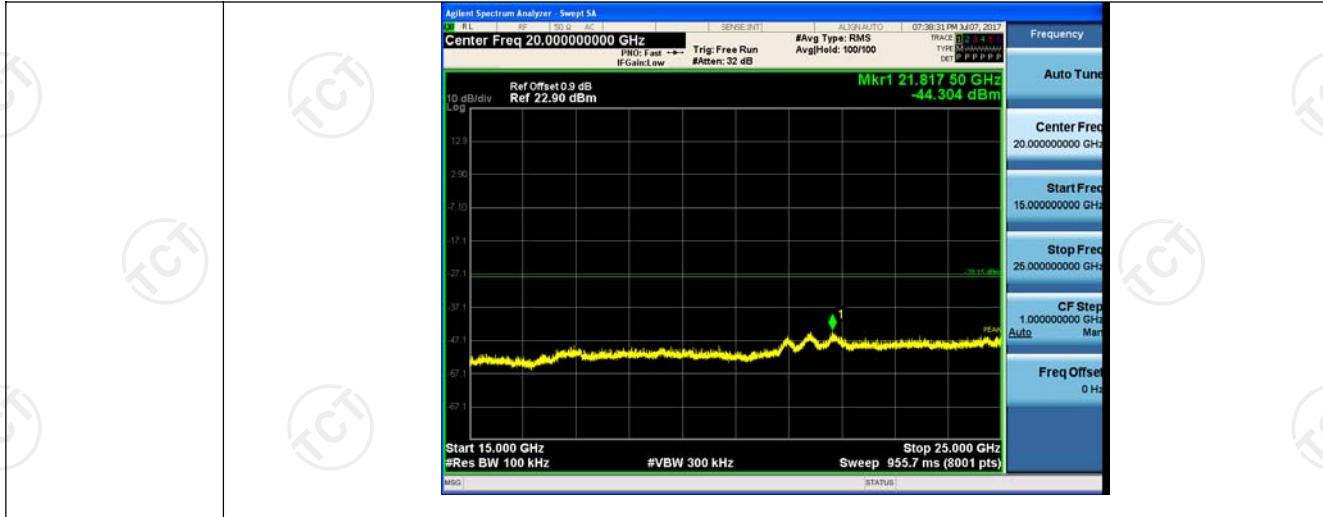


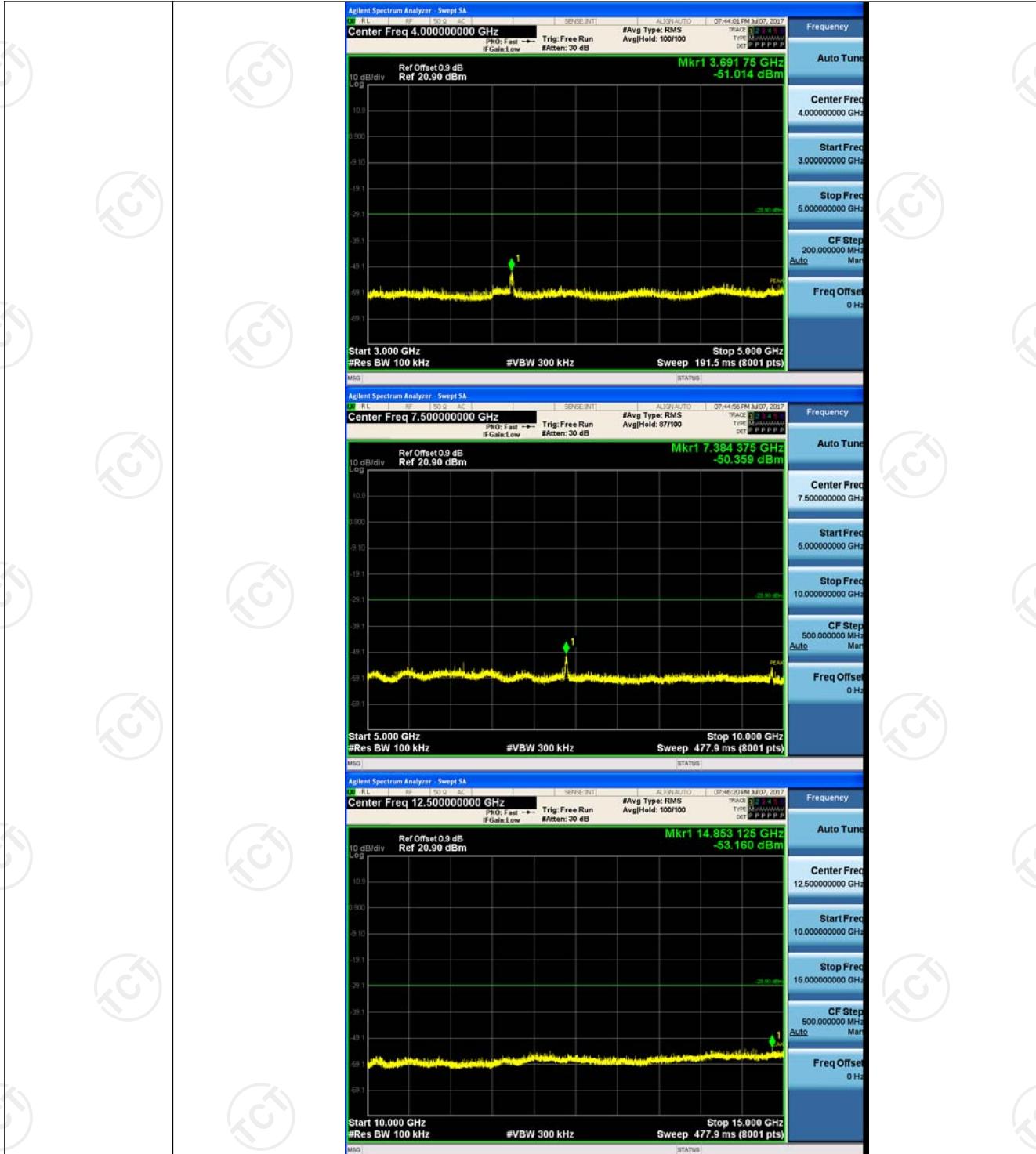


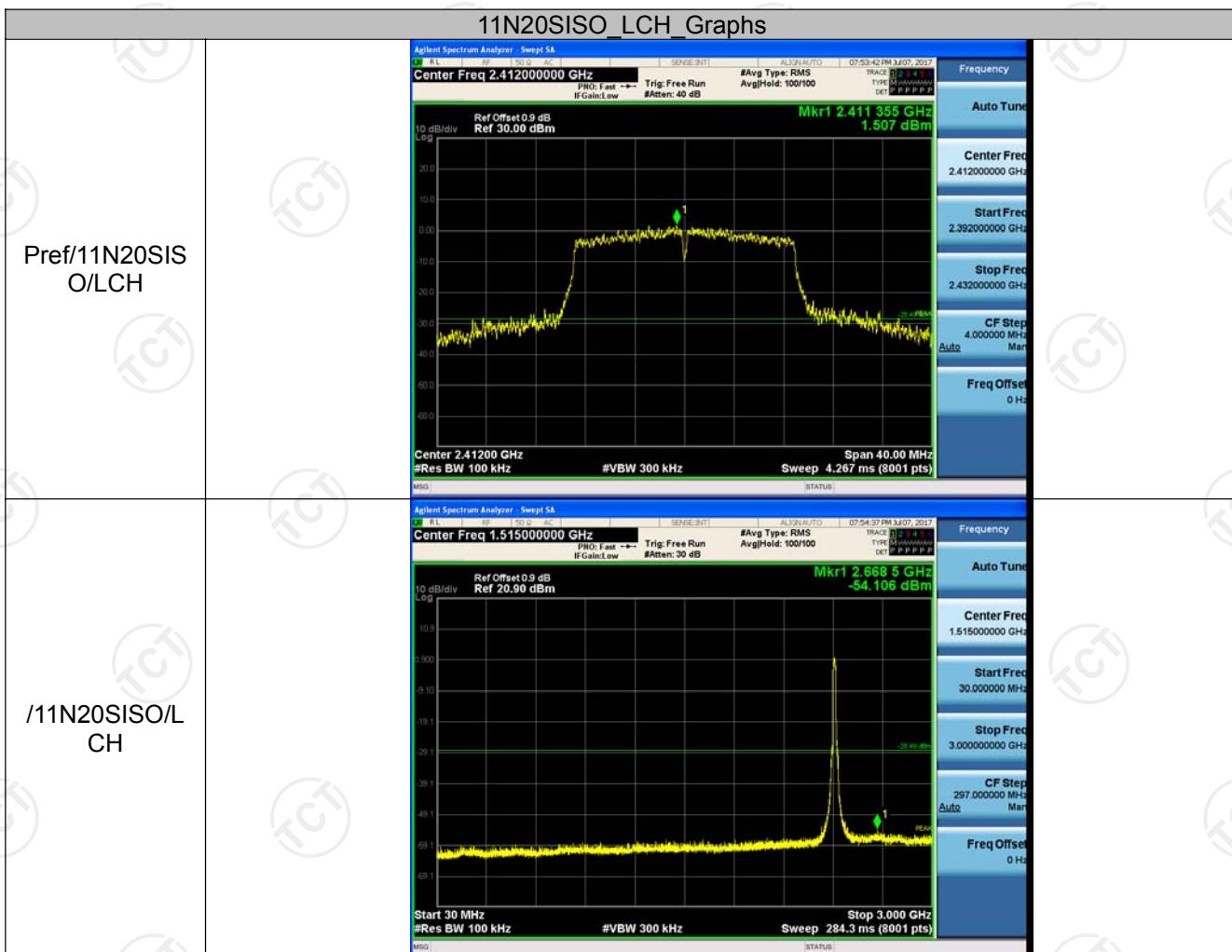
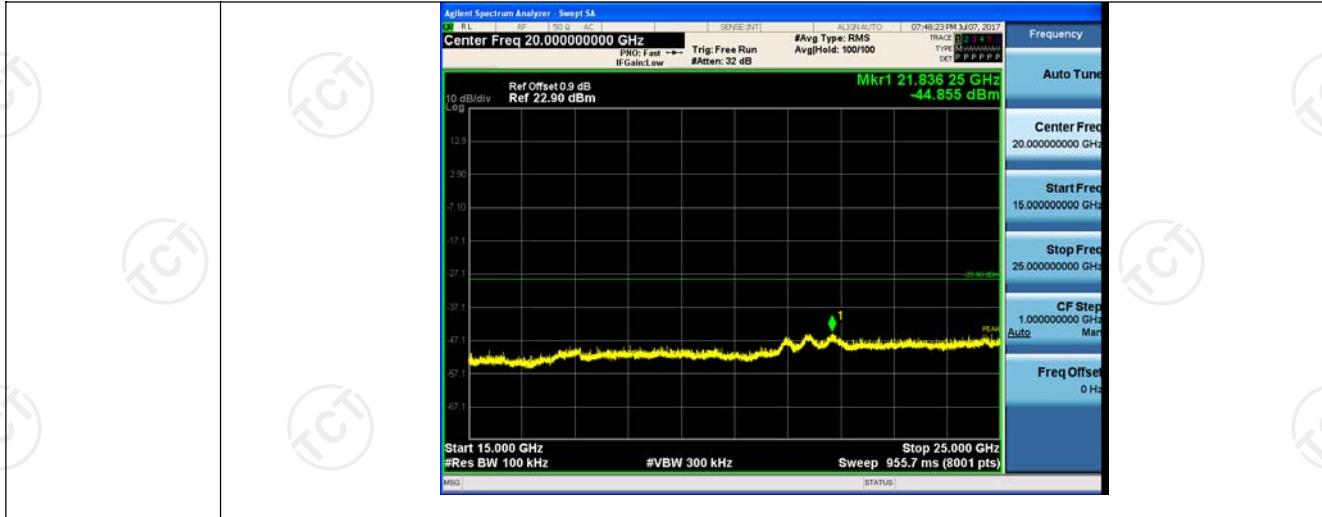


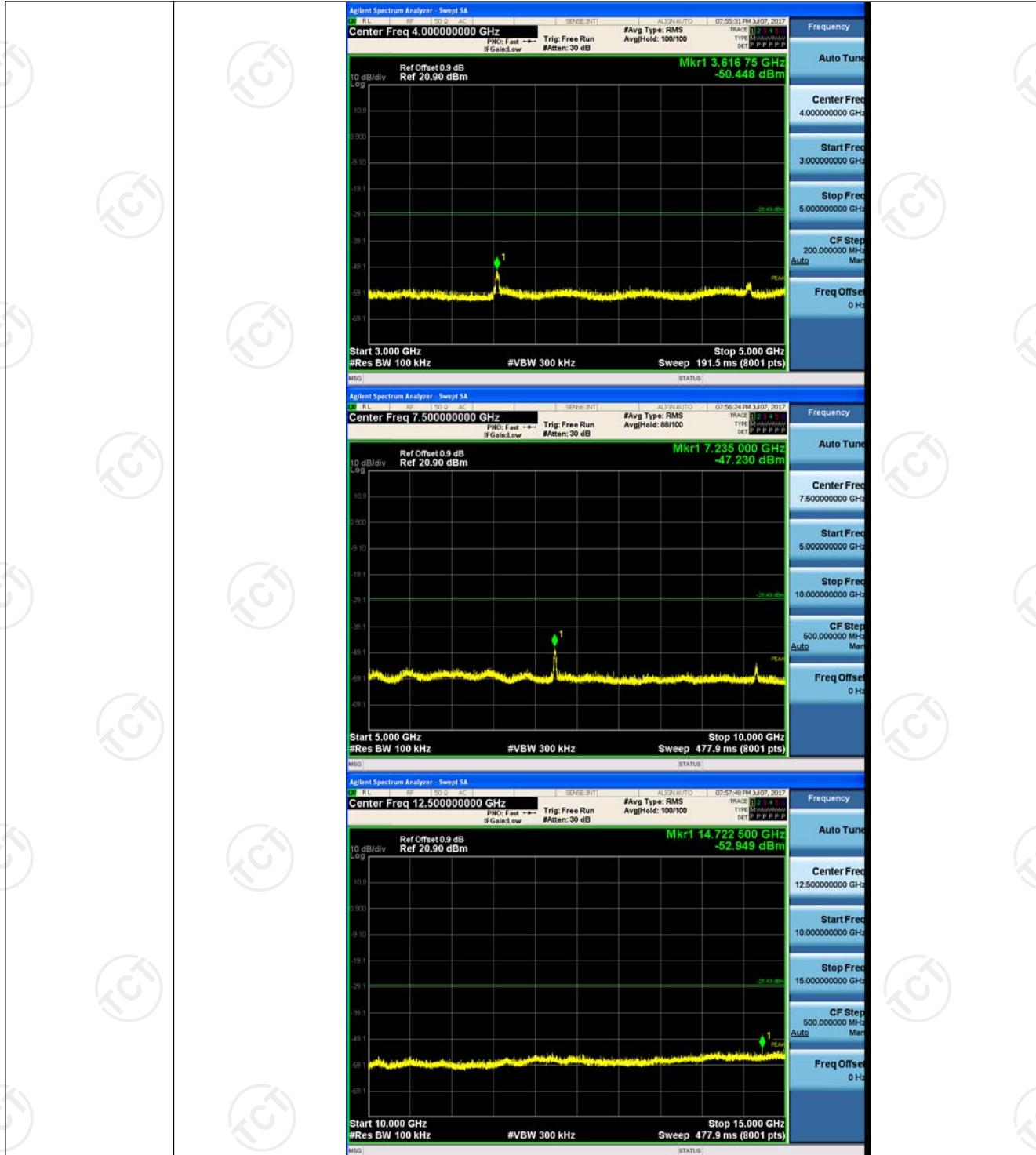


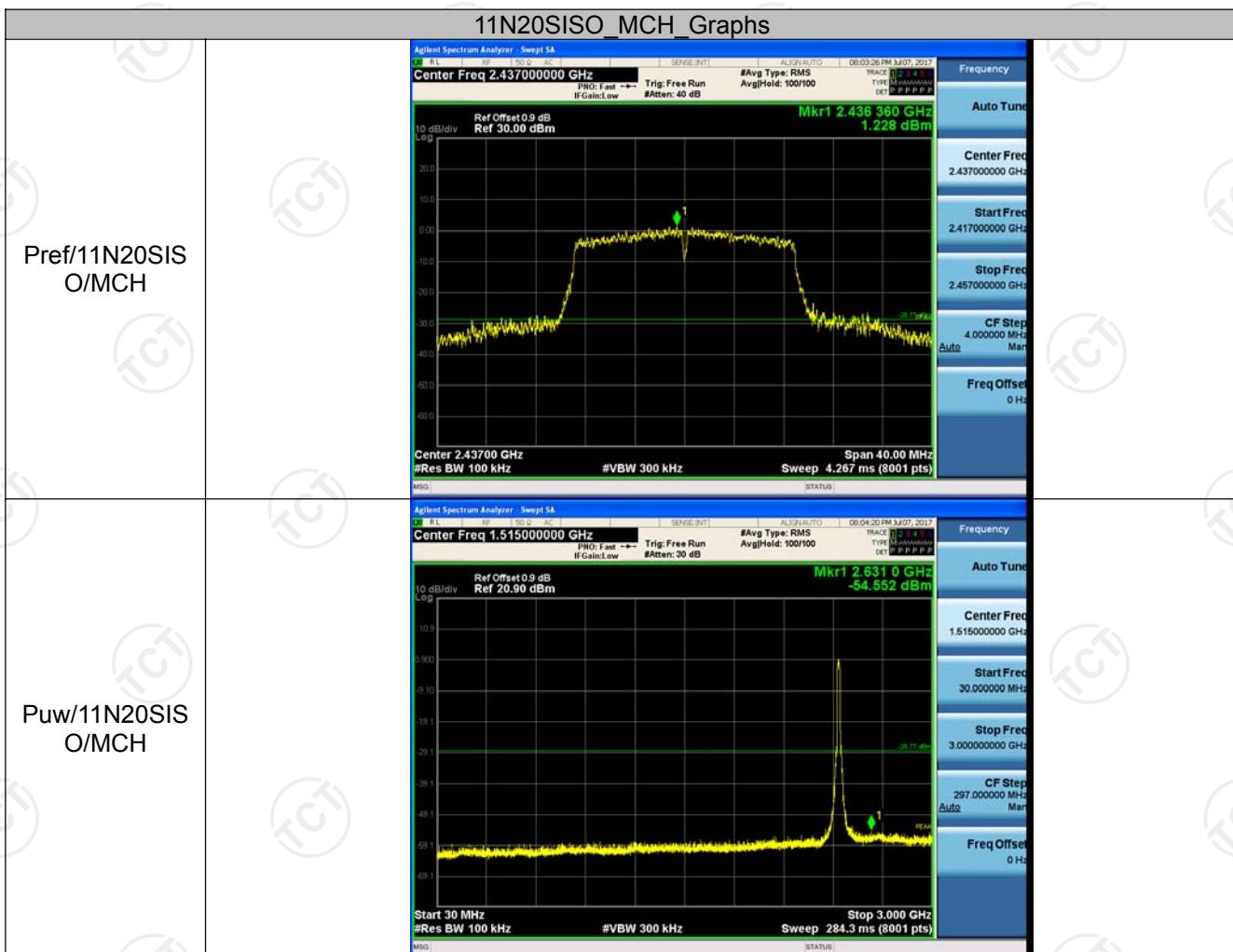
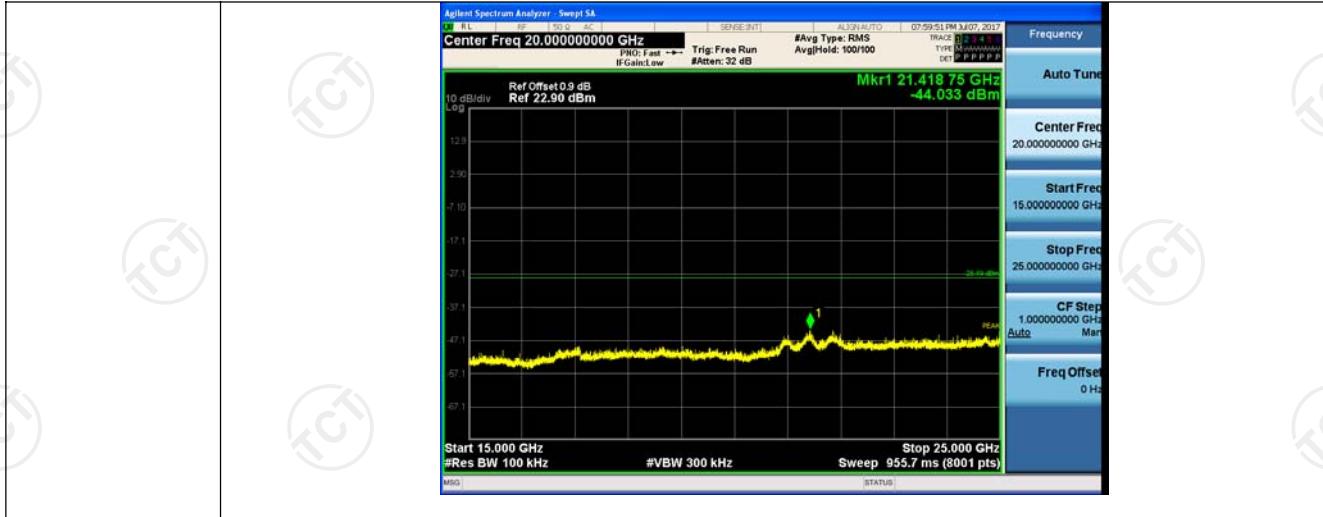


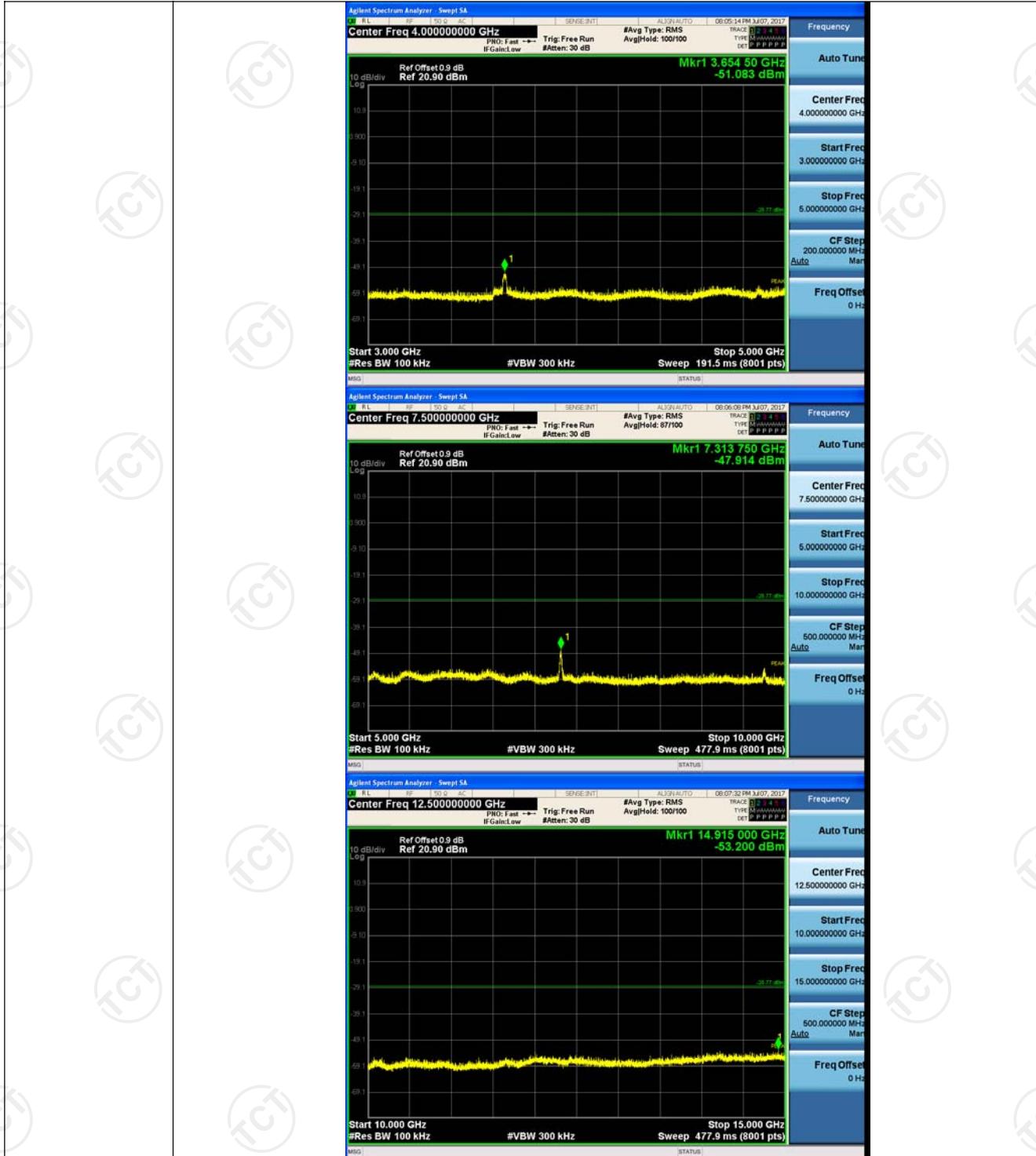


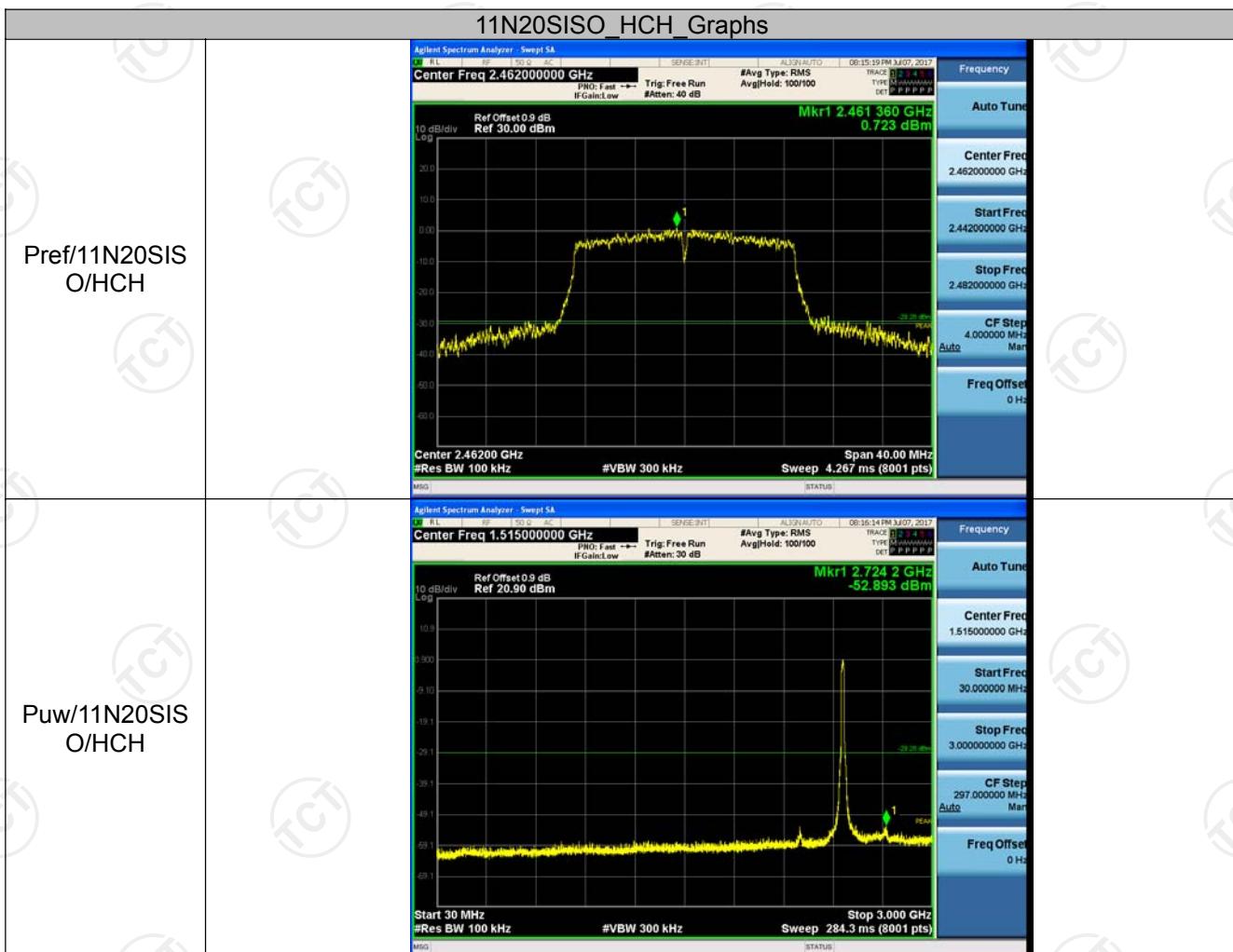
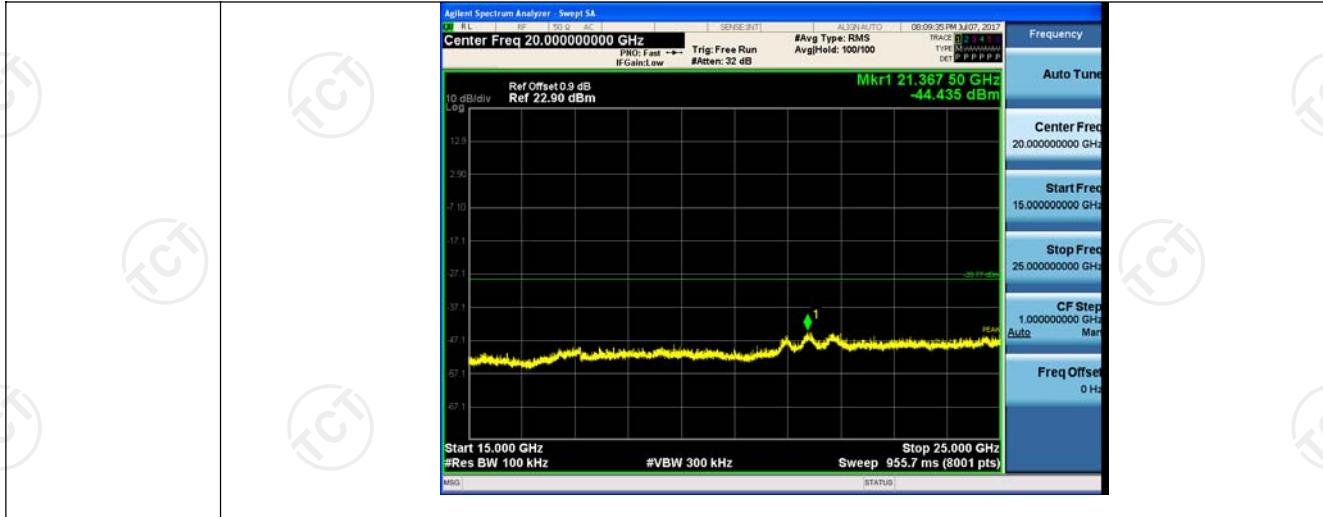


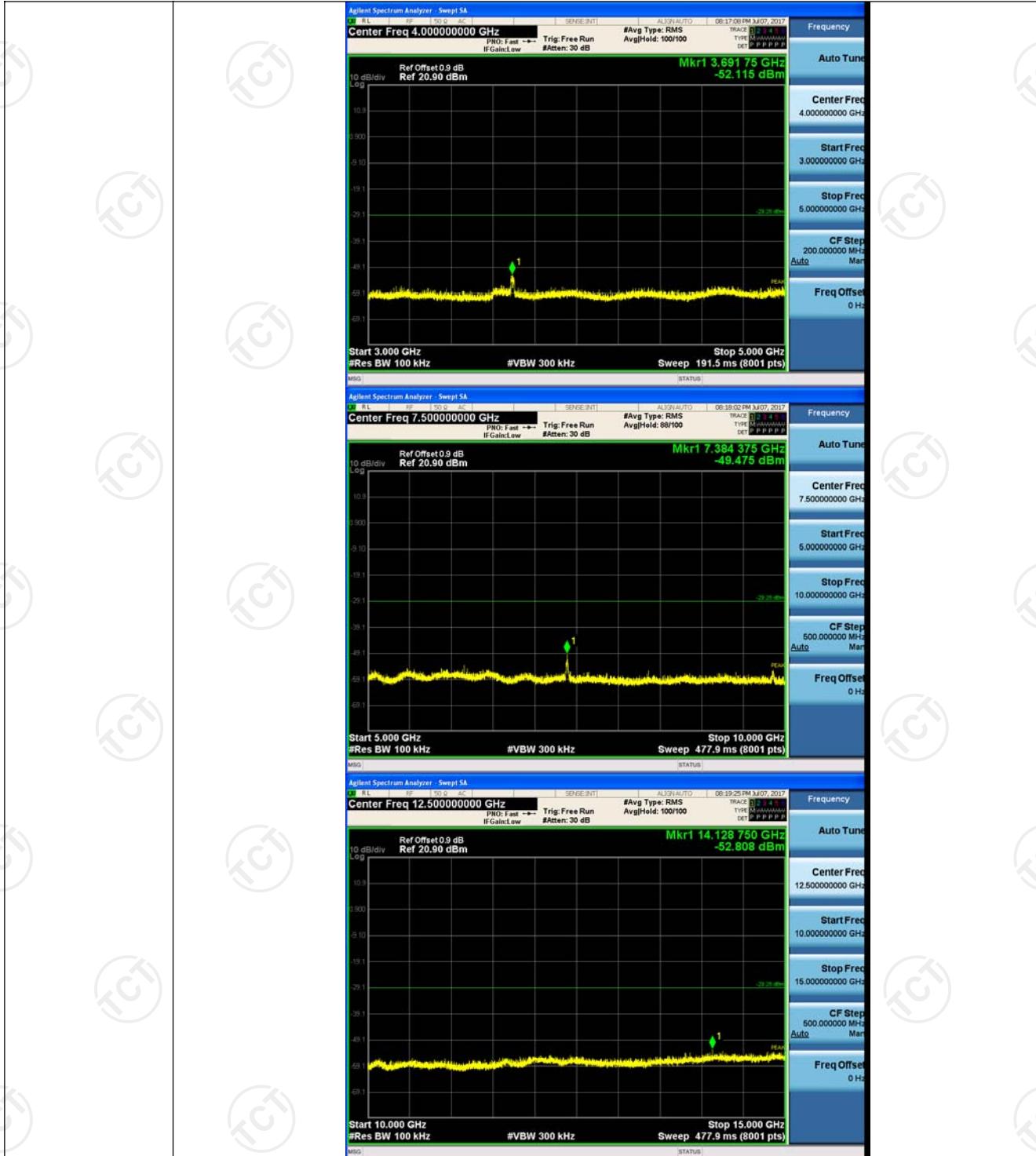


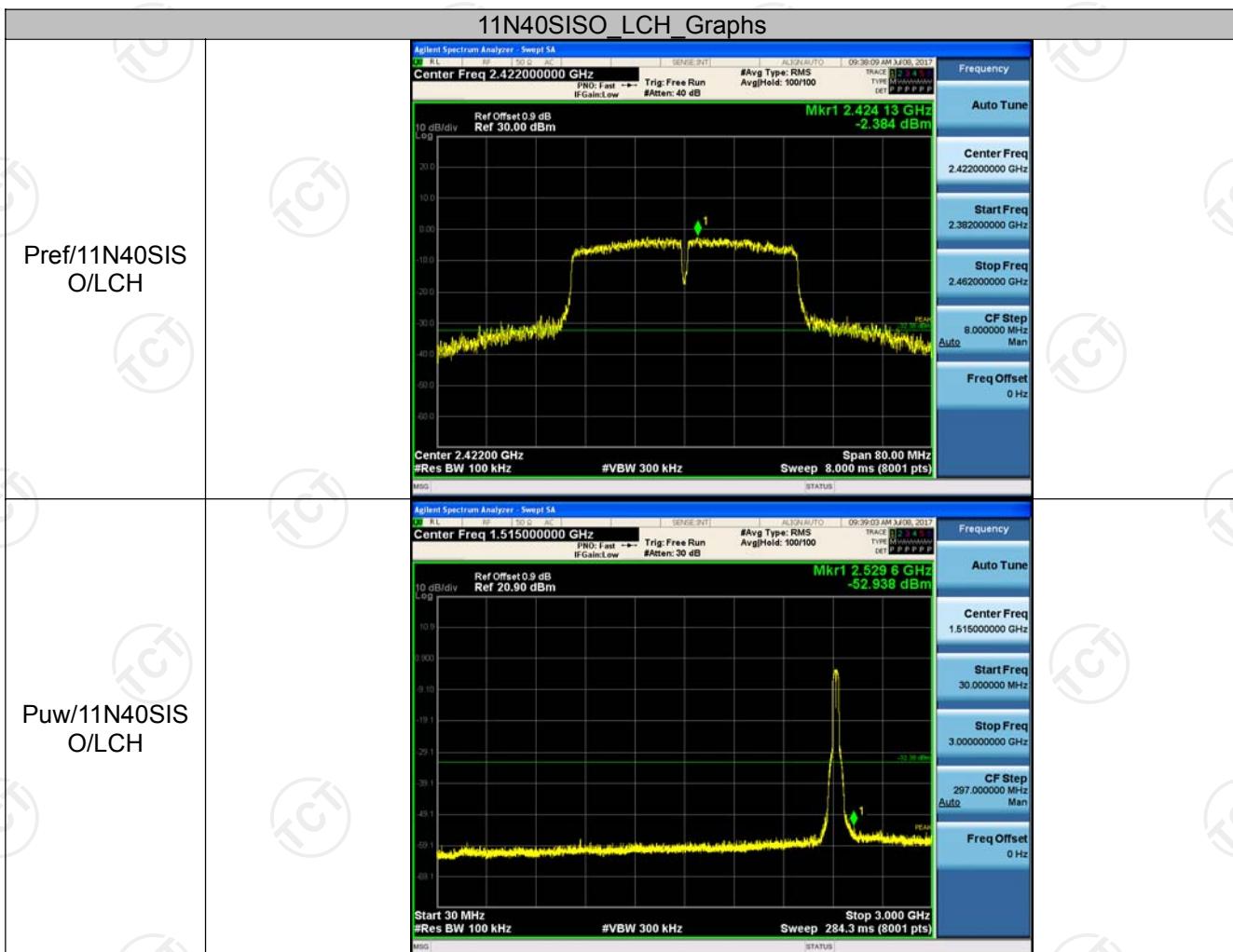
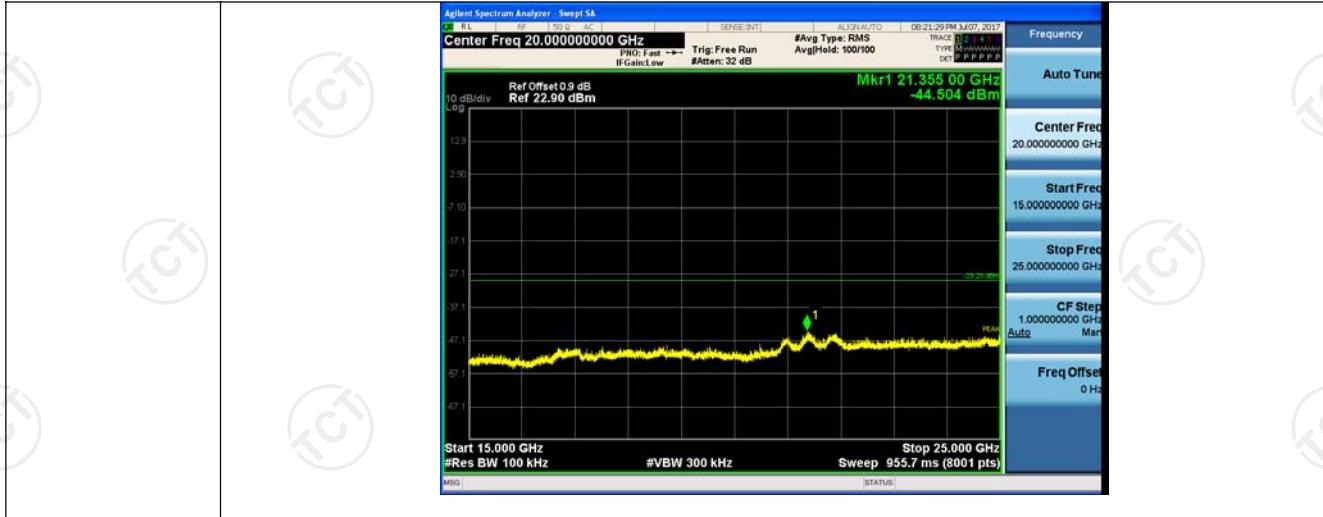


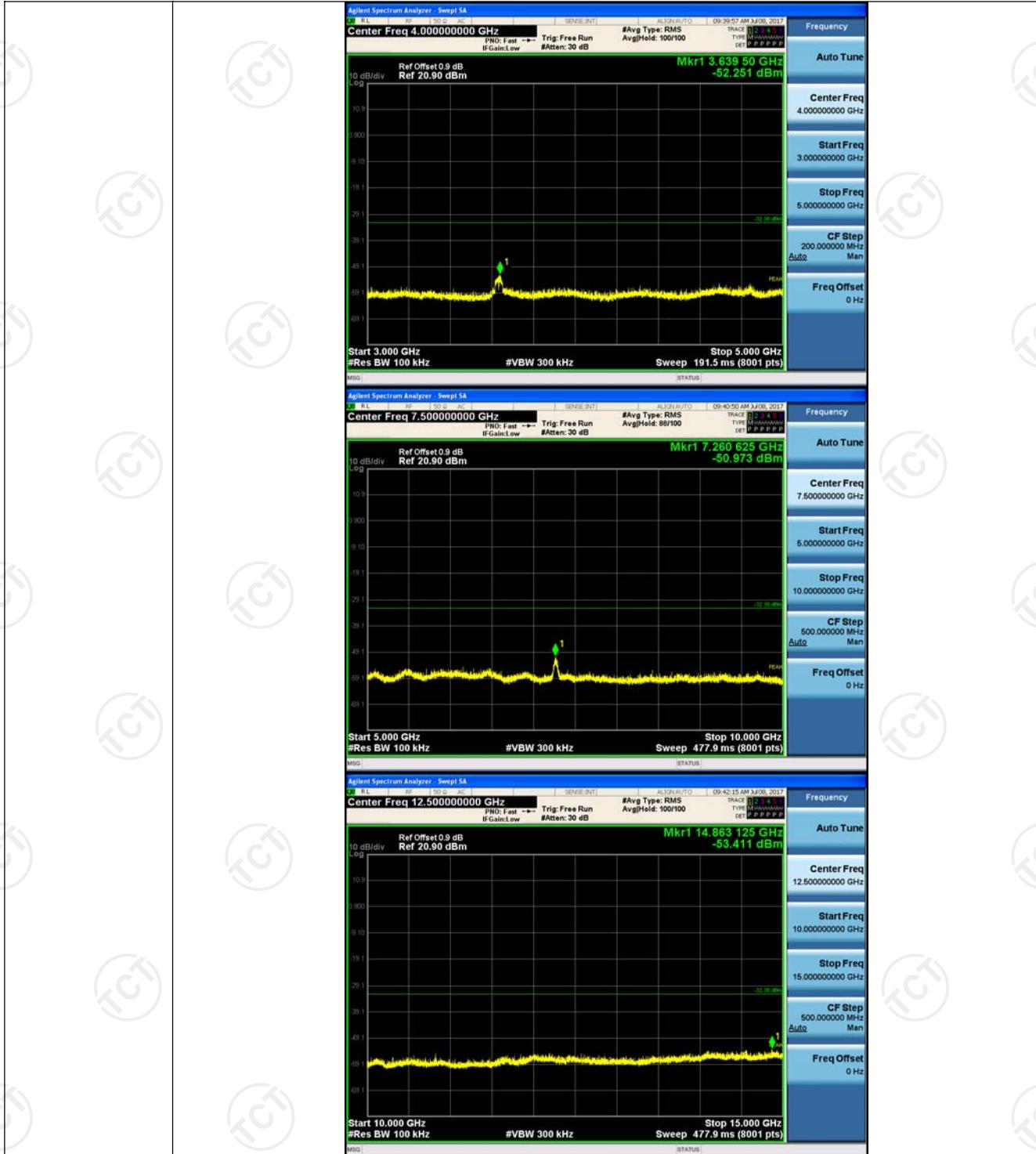


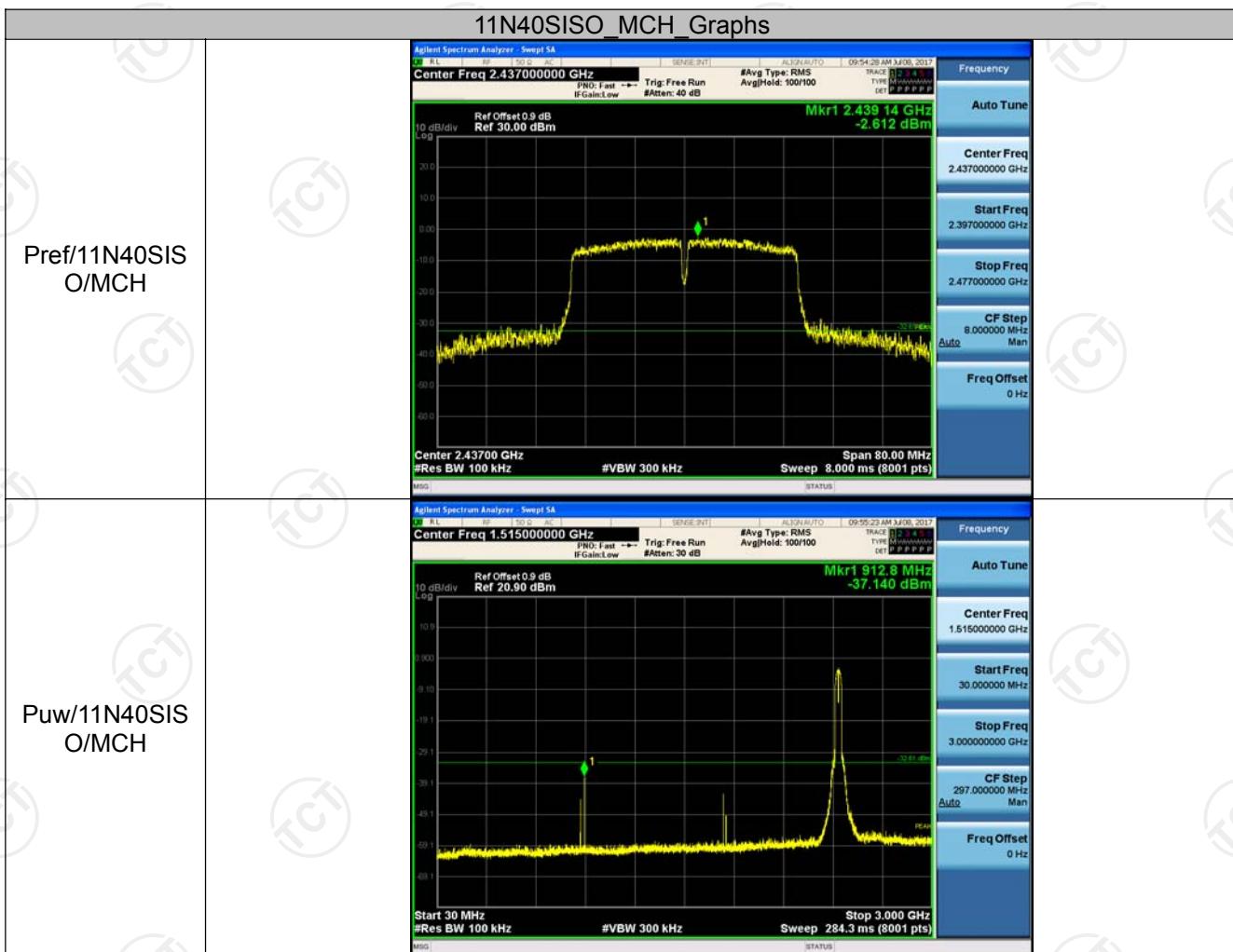
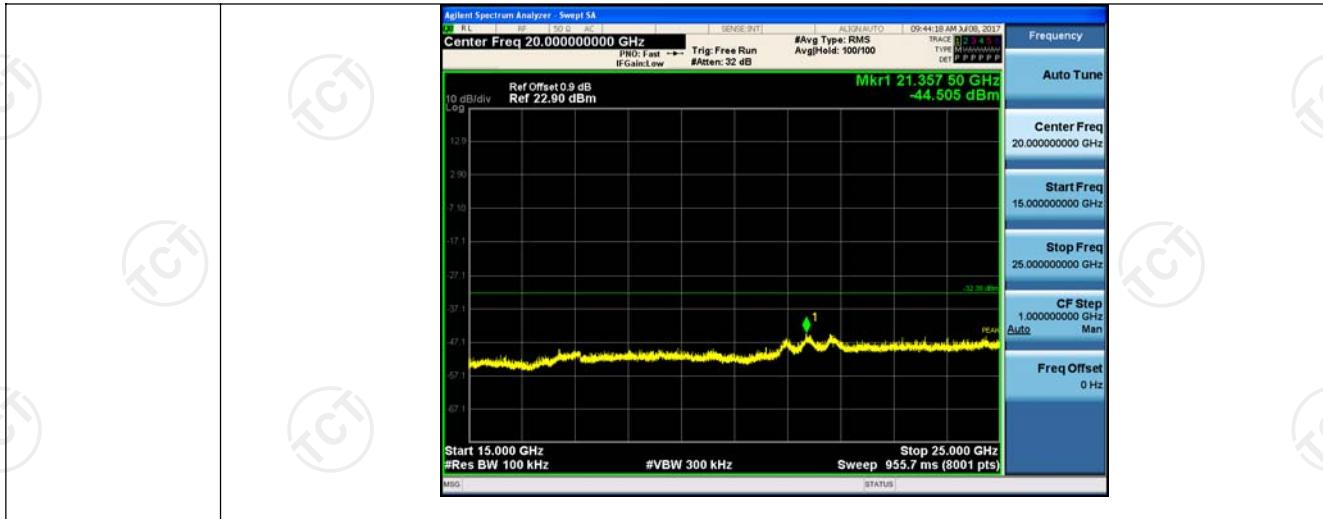


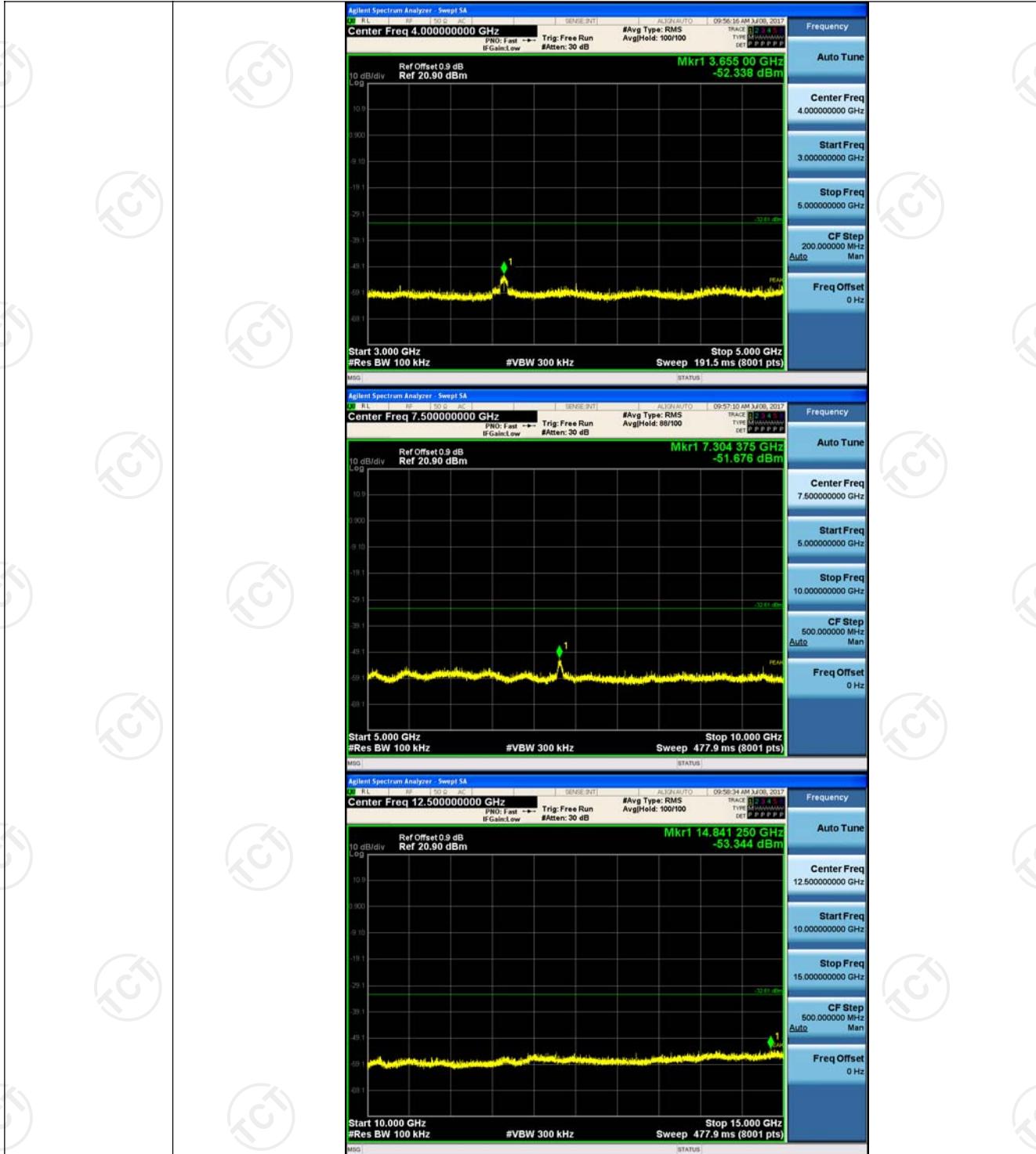


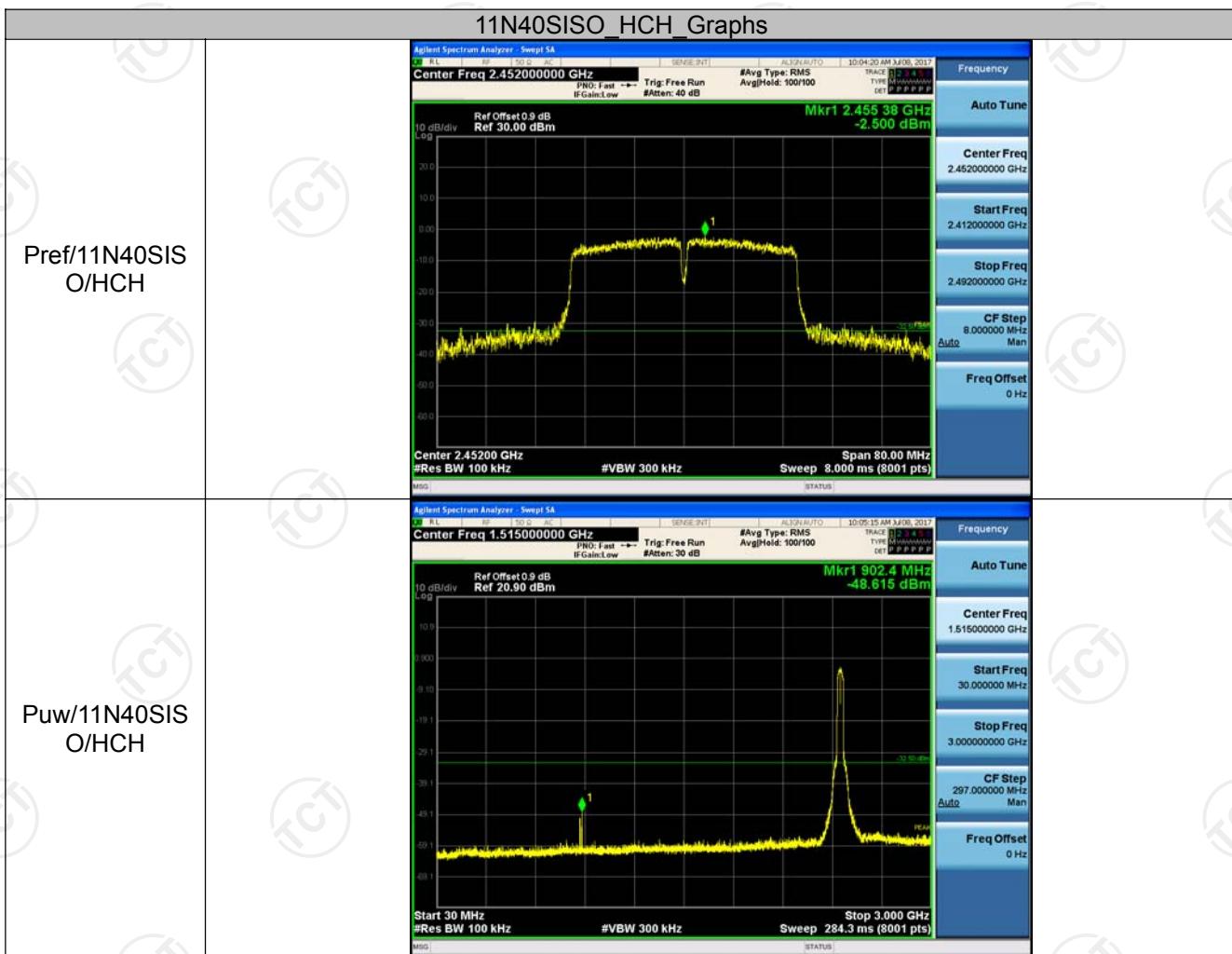
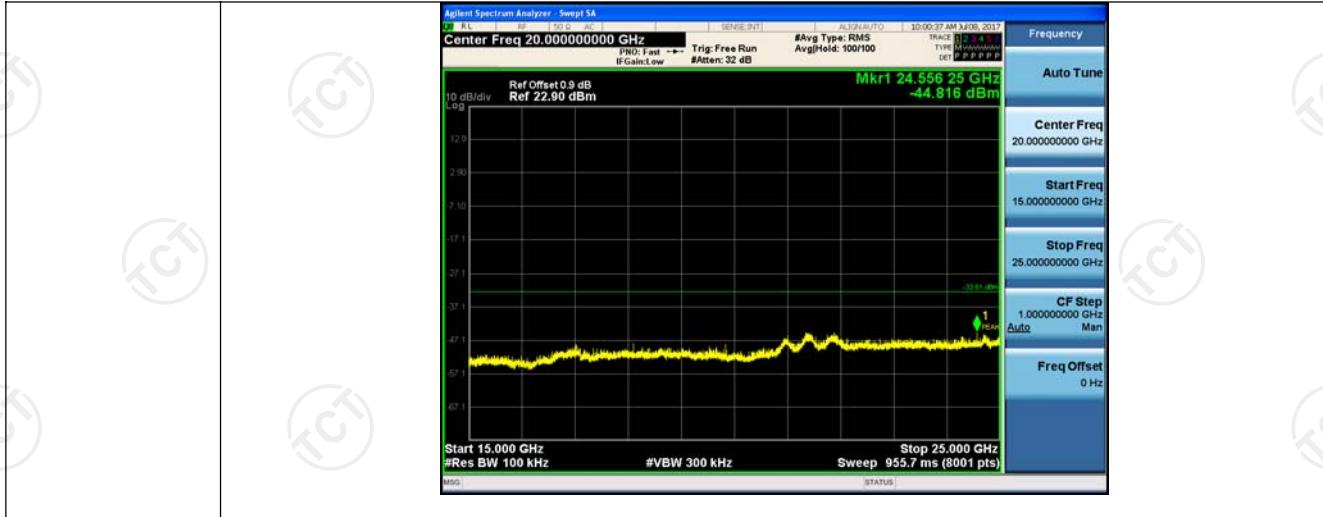


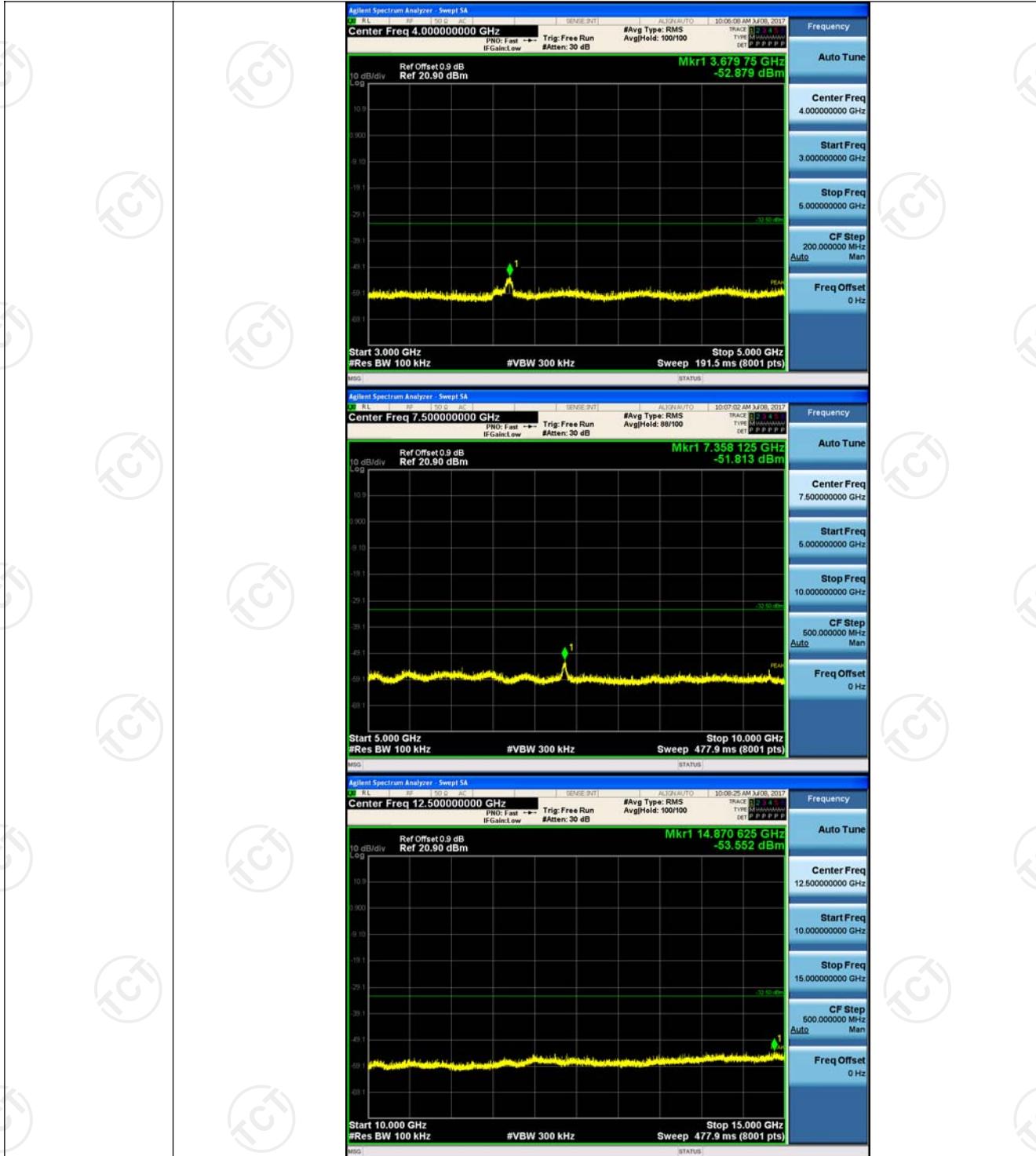


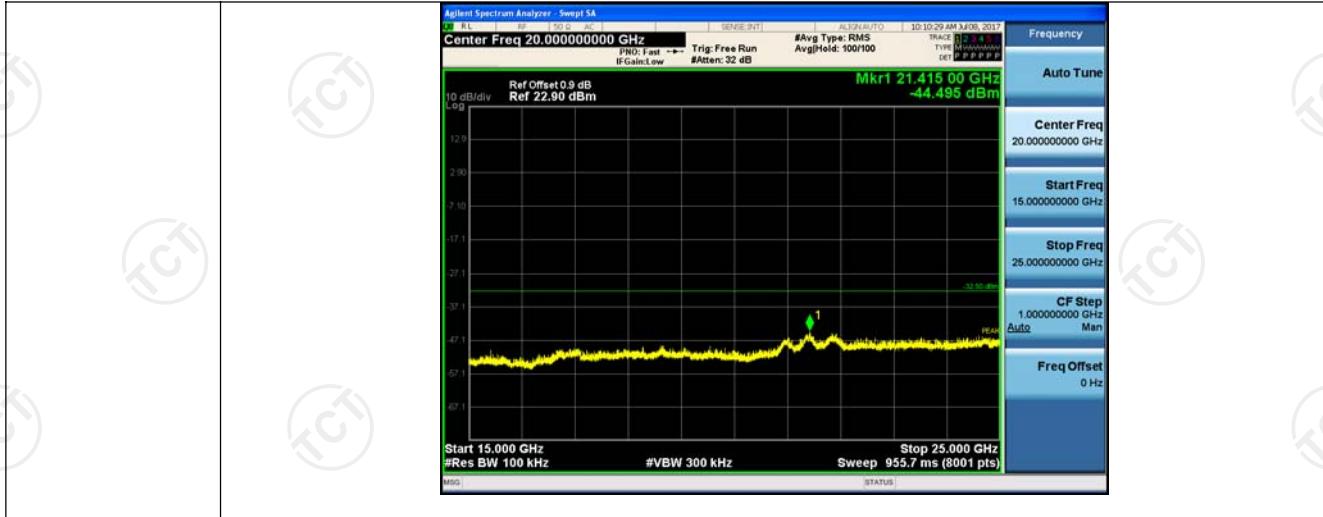










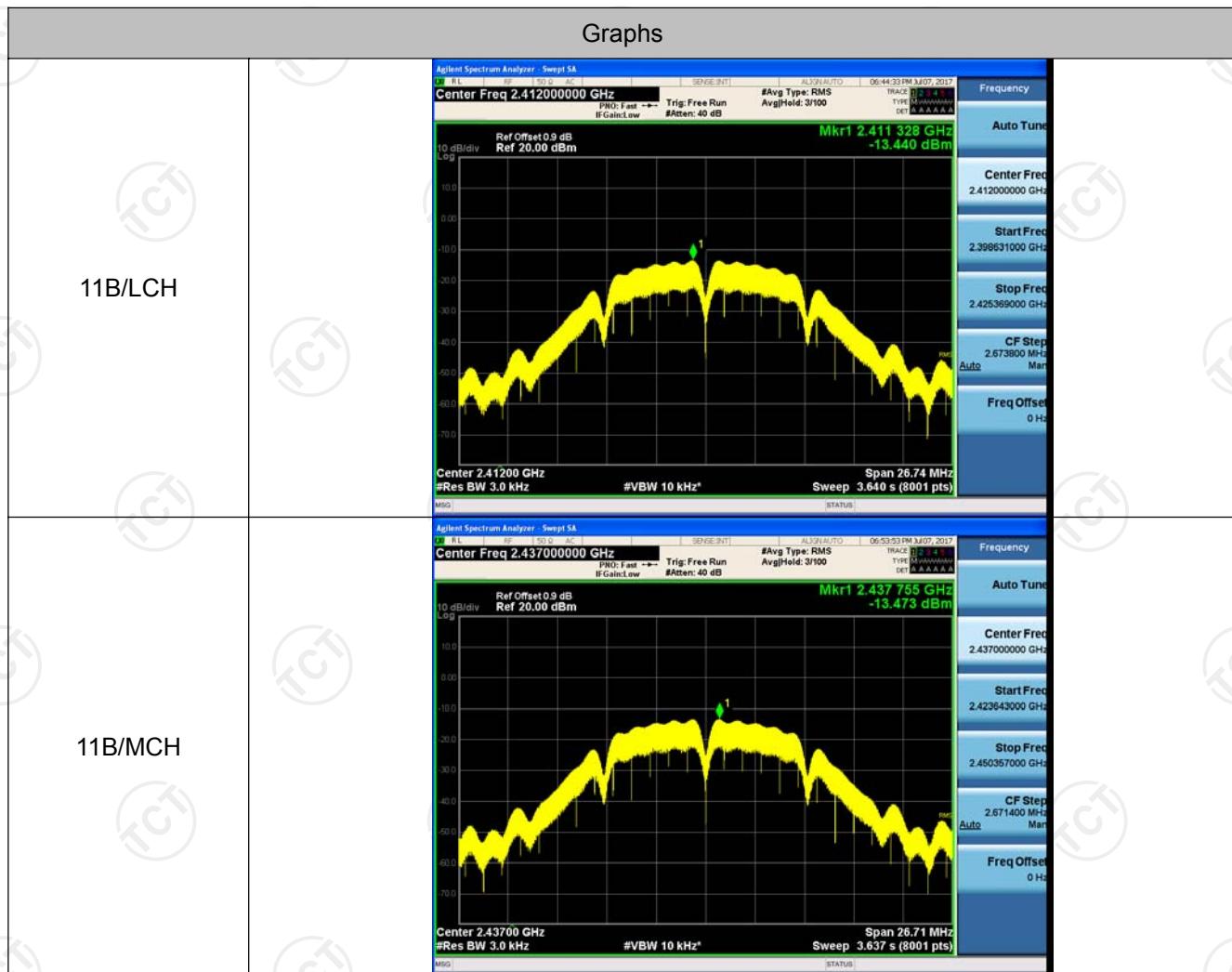


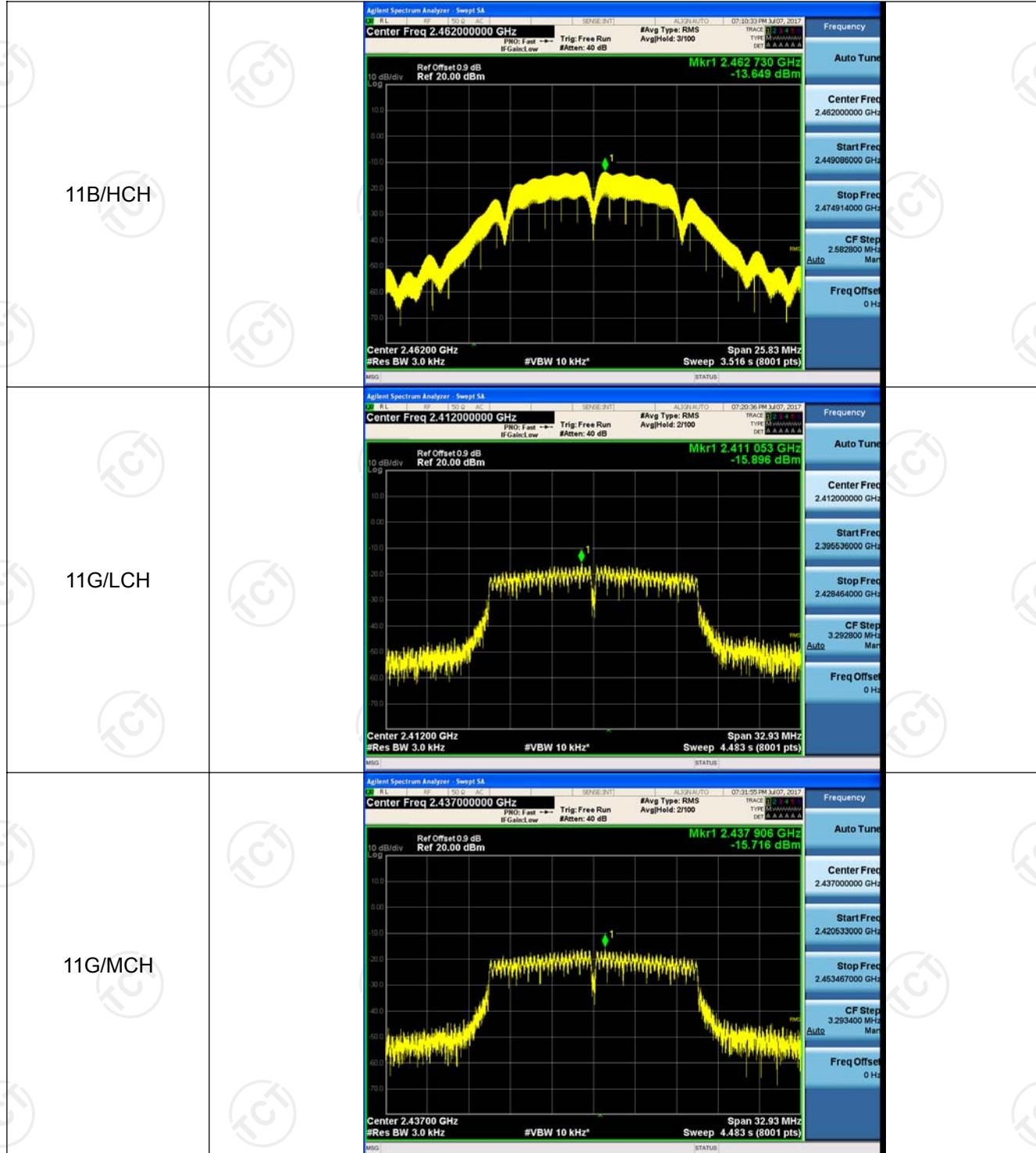
## Power Spectral Density

### Result Table

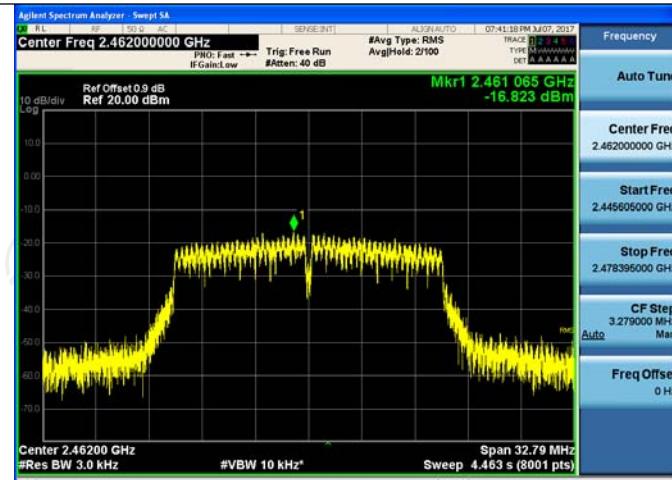
Mode	Channel	Meas.Level [dBm]	Verdict
11B	LCH	-13.440	PASS
11B	MCH	-13.473	PASS
11B	HCH	-13.649	PASS
11G	LCH	-15.896	PASS
11G	MCH	-15.716	PASS
11G	HCH	-16.823	PASS
11N20SISO	LCH	-16.520	PASS
11N20SISO	MCH	-15.359	PASS
11N20SISO	HCH	-16.866	PASS
11N40SISO	LCH	-20.073	PASS
11N40SISO	MCH	-21.439	PASS
11N40SISO	HCH	-21.706	PASS

### Test Graph

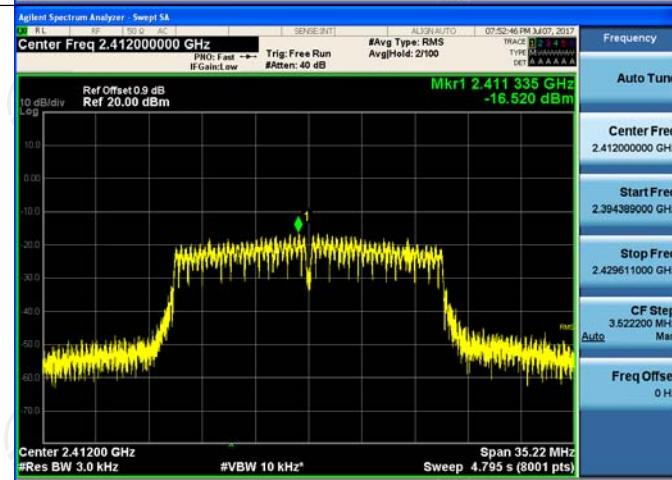




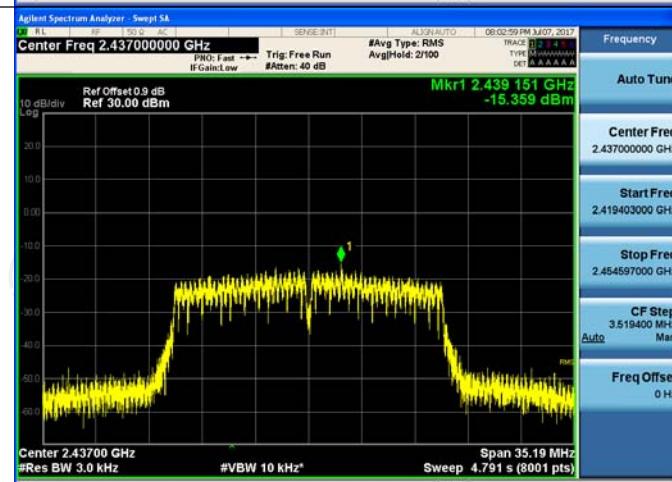
11G/HCH



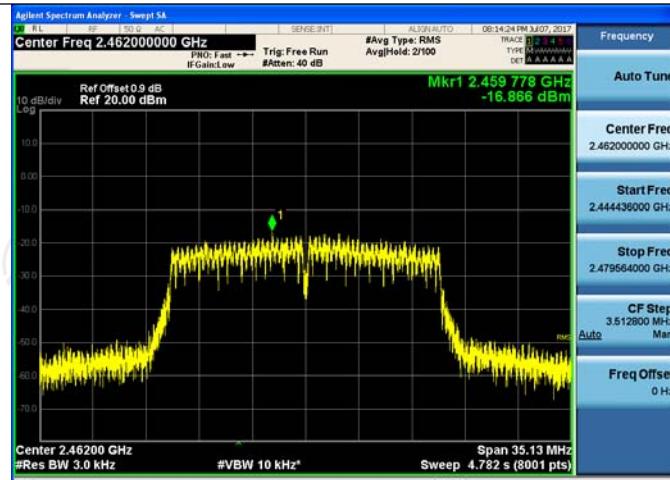
11N20SISO/LCH



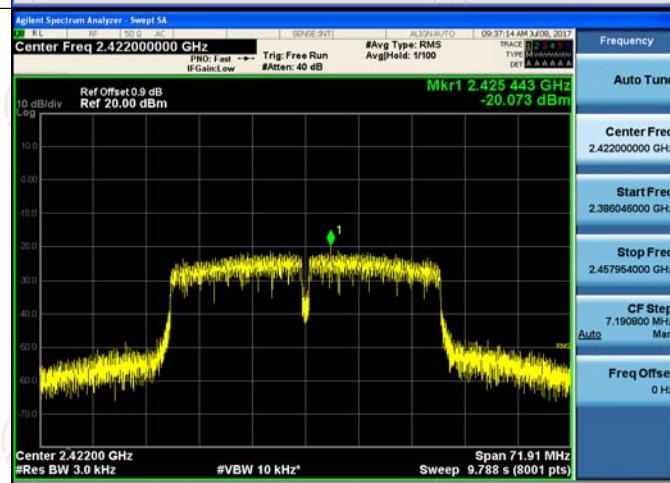
11N20SISO/MCH



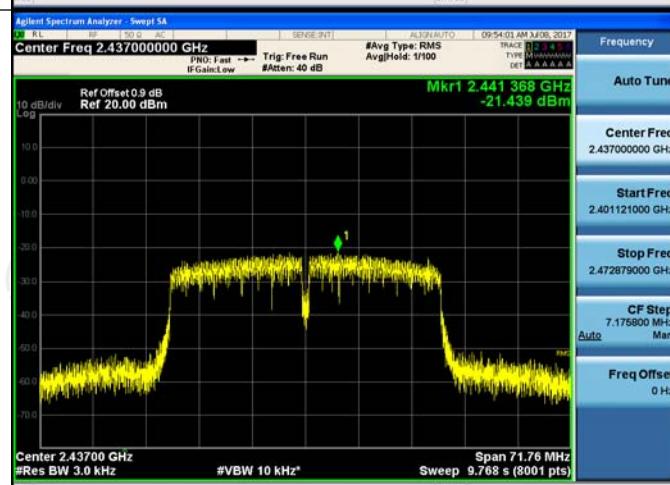
11N20SISO/HCH



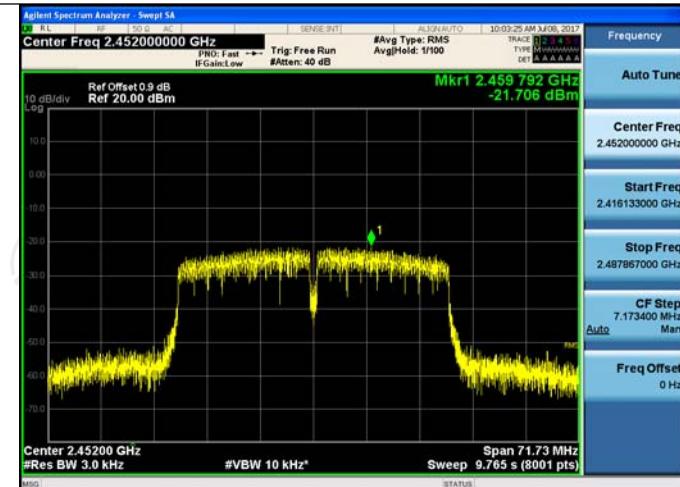
11N40SISO/LCH



11N40SISO/MCH



11N40SISO/HCH



## Appendix B: Photographs of Test Setup

Refer to test report TCT170705E025

## Appendix C: Photographs of EUT

Refer to test report TCT170705E025

\*\*\*\*\***END OF REPORT**\*\*\*\*\*