

Remark: As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. So, only the peak measurements were shown in the report.

6.5 Conducted Out of Band Emission

6.5.1 Limits

In any 100kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power.

6.5.2 Test Procedure(KDB 558074 D01 v03r05, Section 11)

Measurement Procedure REF

- a) Set instrument center frequency to DTS channel center frequency.
- b) Set the span to \geq 1.5 times the DTS bandwidth.
- c) Set the RBW = 100 kHz.
- d) Set the VBW \geq 3 x RBW.
- e) Detector = peak.
- f) Sweep time = auto couple.
- g) Trace mode = max hold.
- h) Allow trace to fully stabilize.
- i) Use the peak marker function to determine the maximum PSD level.

Note that the channel found to contain the maximum PSD level can be used to establish the reference level.

Measurement Procedure OOB

- a) Set RBW = 100 kHz.
- b) Set VBW \geq 300 kHz.
- c) Detector = peak.
- d) Sweep = auto couple.
- e) Trace Mode = max hold.
- f) Allow trace to fully stabilize.

Use the peak marker function to determine the maximum amplitude level.

6.5.3 Test Data

The EUT complied with the FCC Part 15.247 Conducted band edge emissions requirements.

Table 10 provides the test results for Conducted band edge emissions. (All the data attached was use the worst case data rate as in table 6)

6.5.4 Areas of Concern

None.

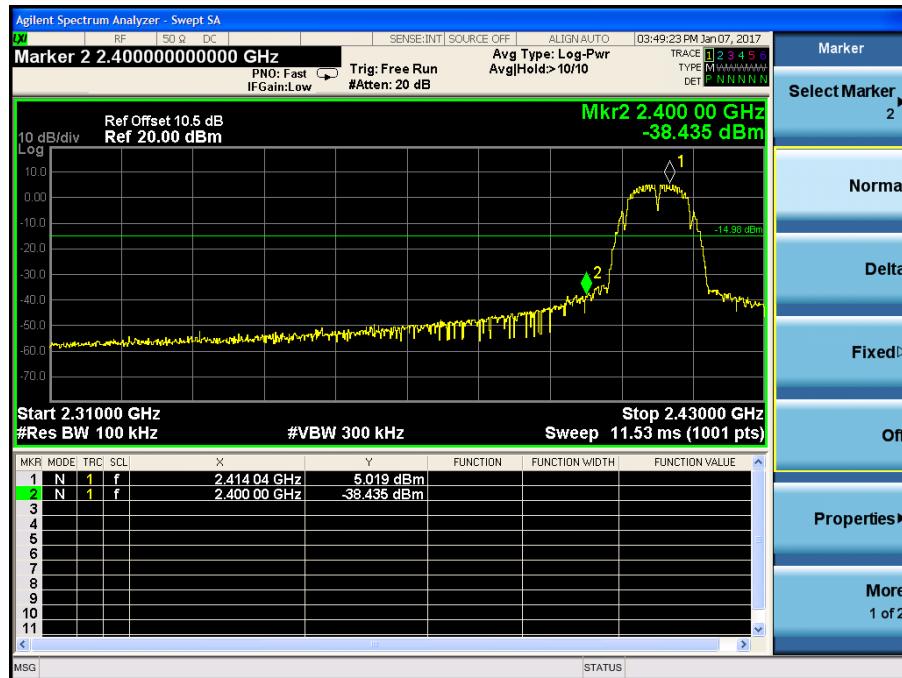
Table 10: Conducted Out of Band Emission

Chain 1-Test plot as follows

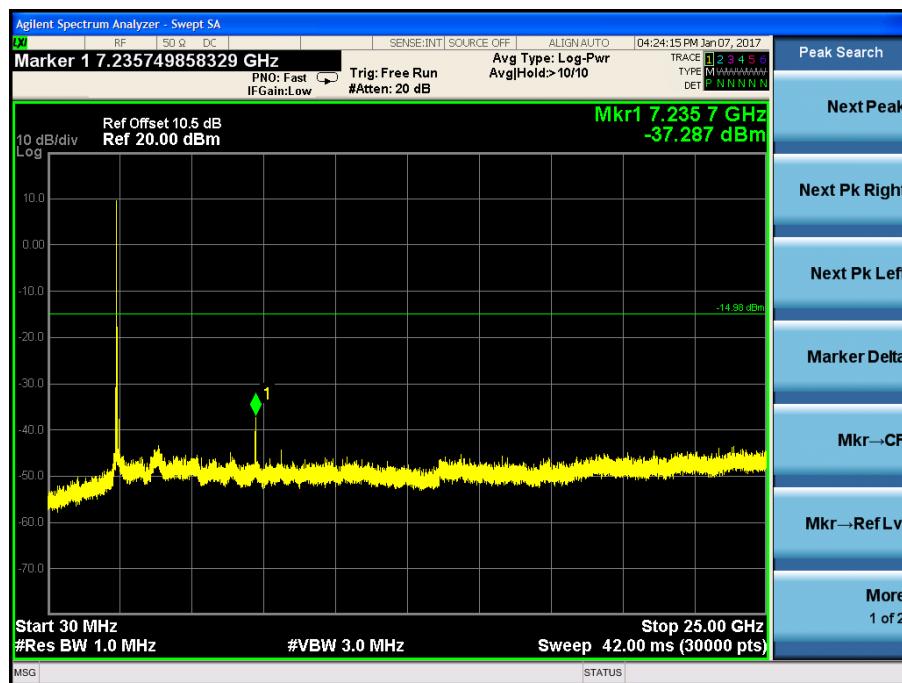
Test Mode: IEEE 802.11b TX

Test CH1: 2412MHz

In-Band Reference Level

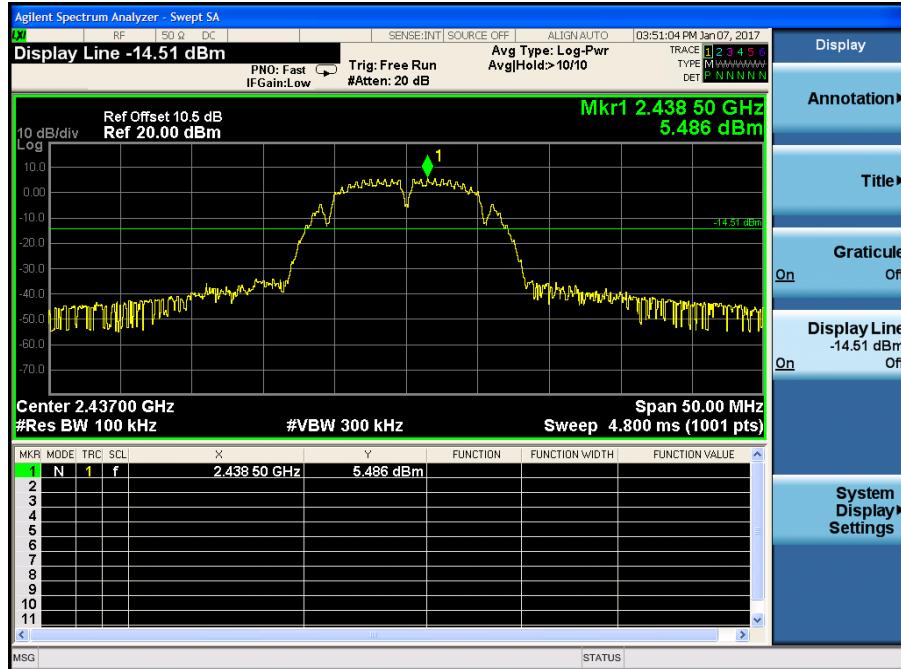


Out of Band Emission



Test CH11: 2437MHz

In-Band Reference Level



Out of Band Emission

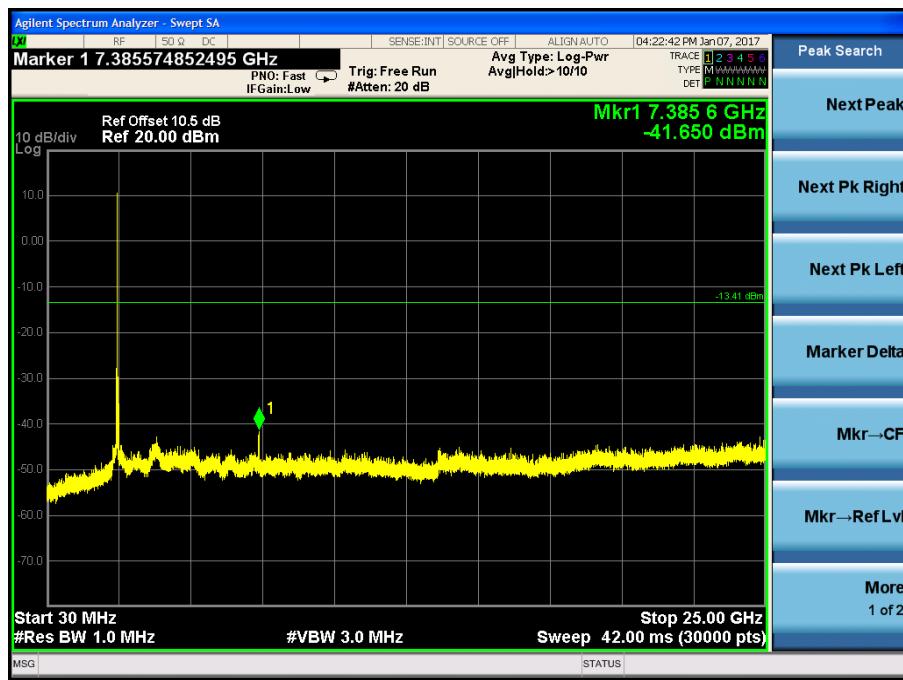


Test CH11: 2462MHz

In-Band Reference Level



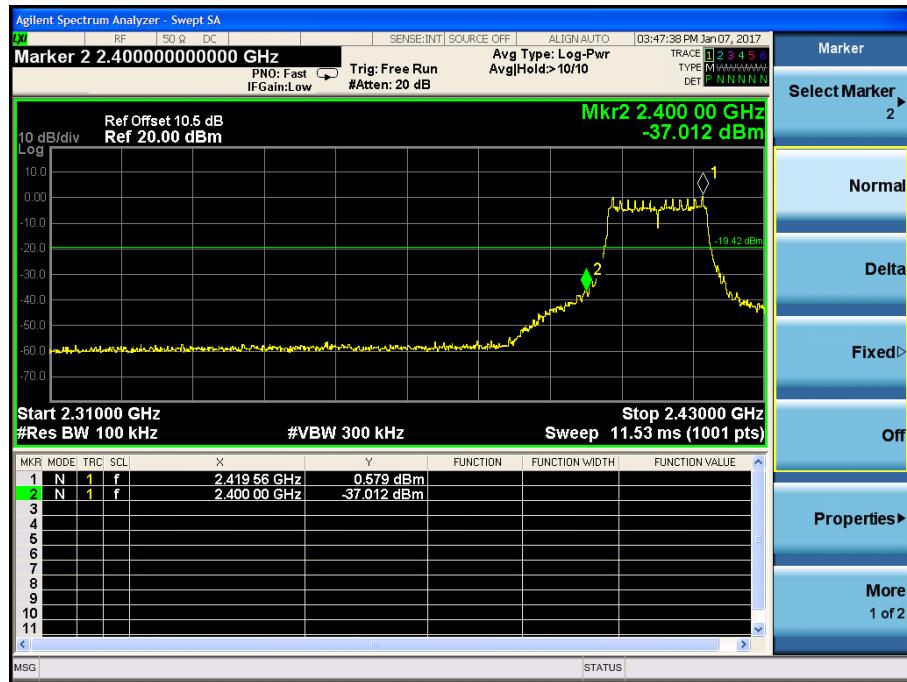
Out of Band Emission



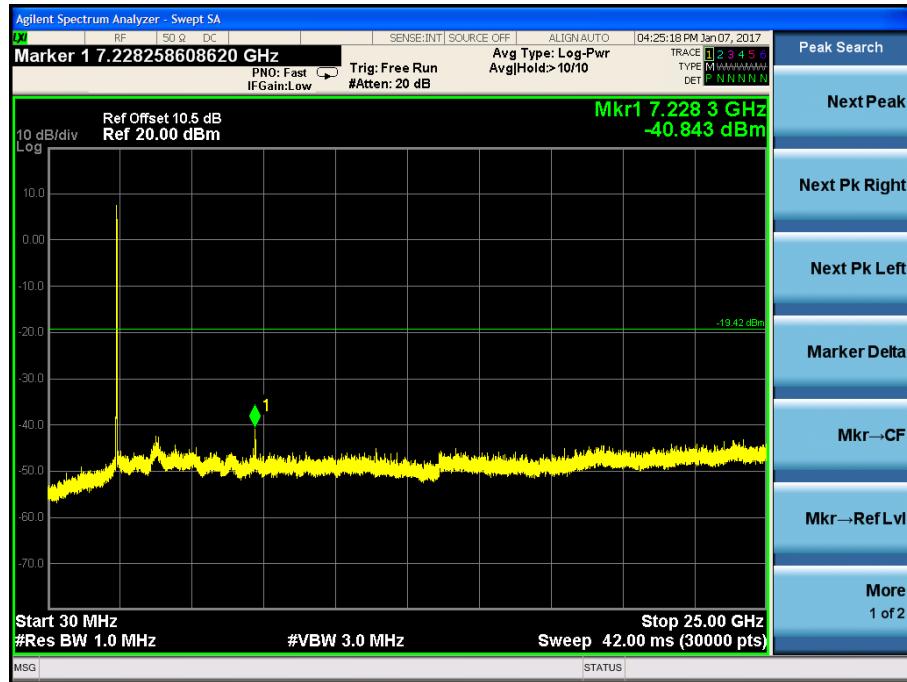
Test Mode: IEEE 802.11g TX

Test CH1: 2412MHz

In-Band Reference Level

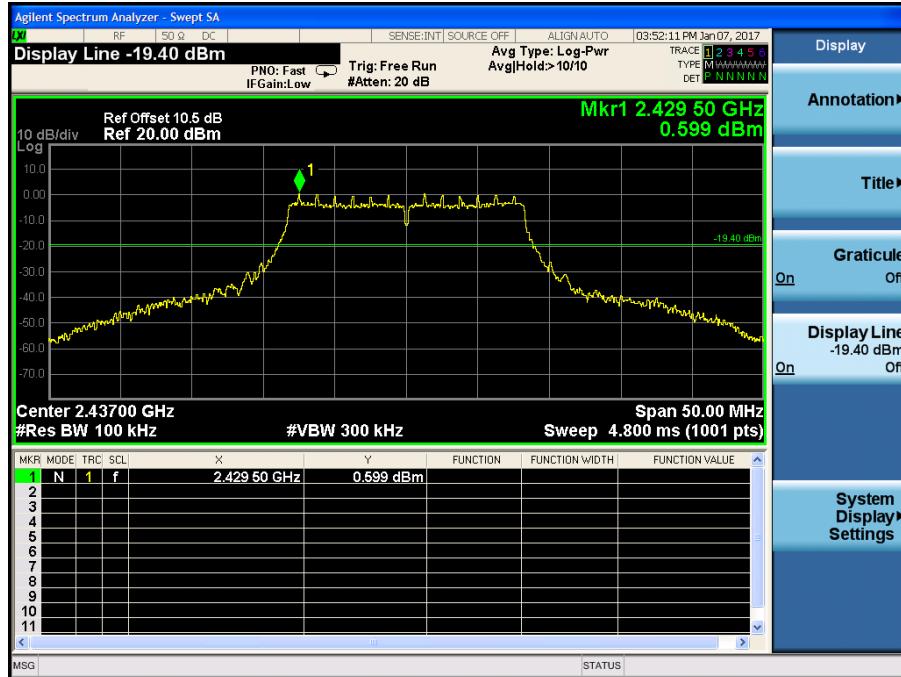


Out of Band Emission



Test CH11: 2437MHz

In-Band Reference Level



Out of Band Emission

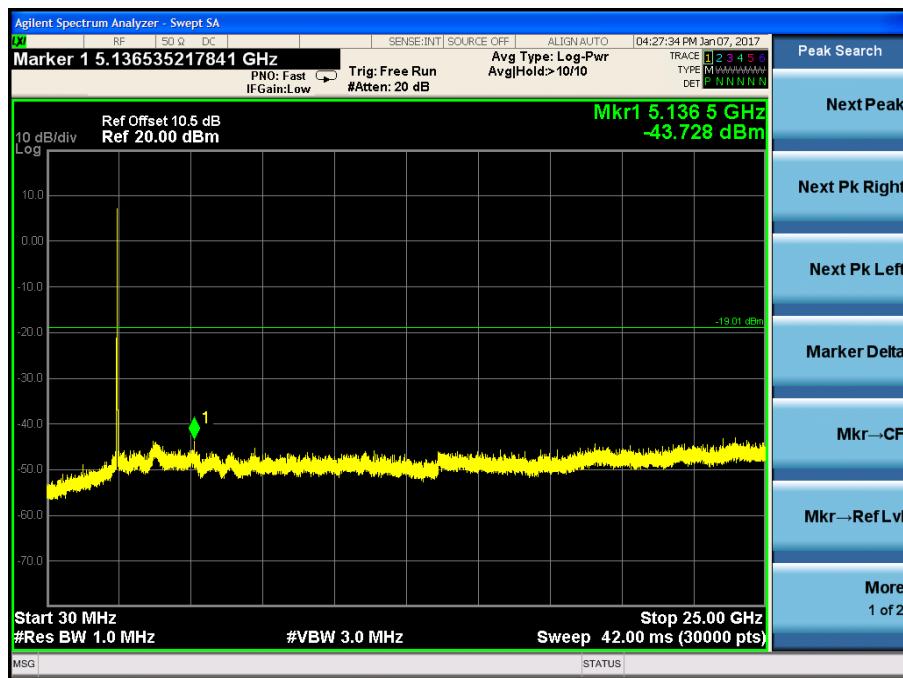


Test CH11: 2462MHz

In-Band Reference Level



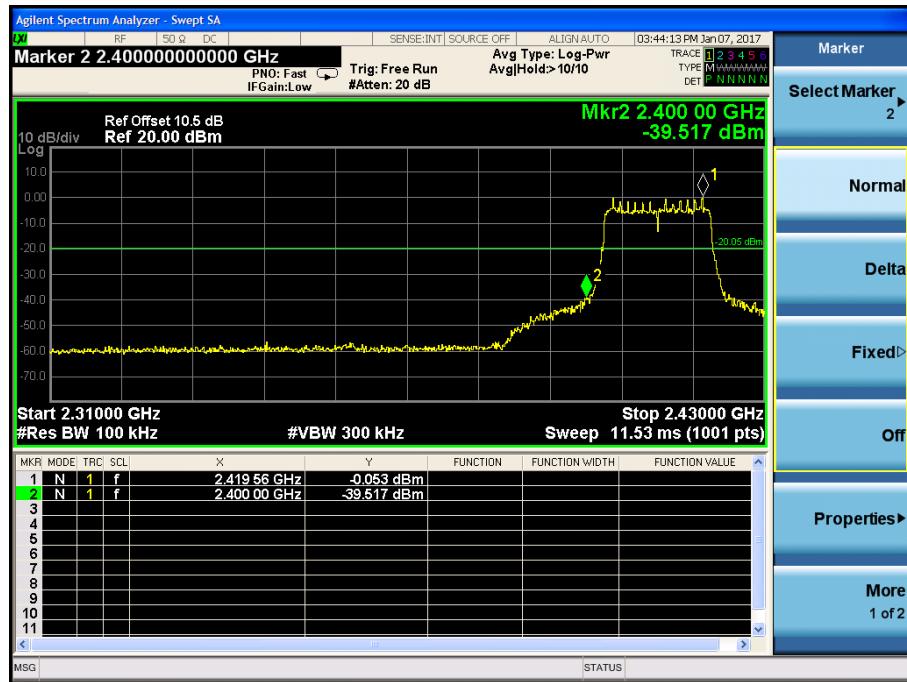
Out of Band Emission



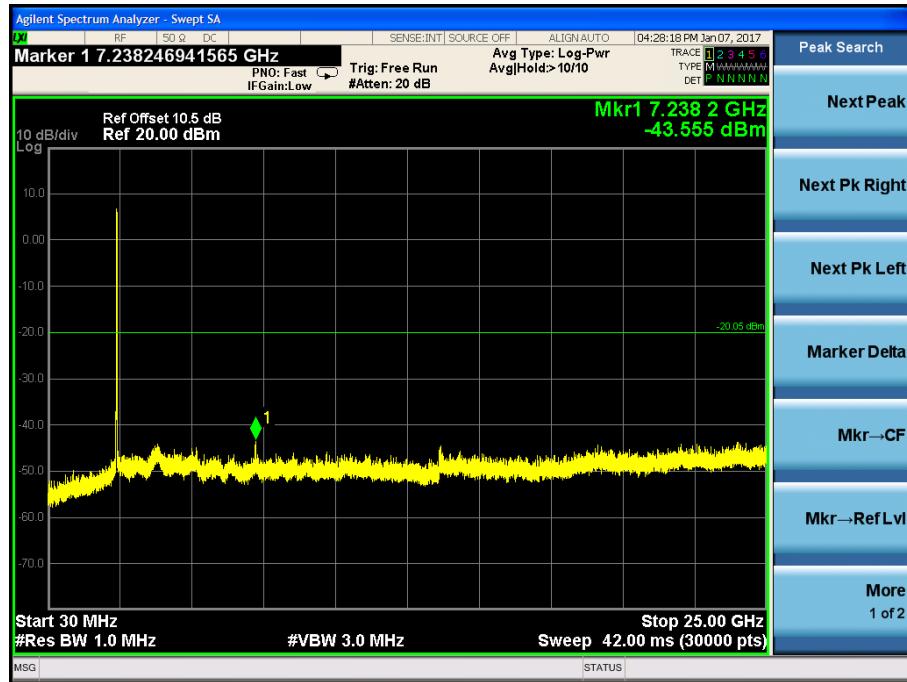
Test Mode: IEEE 802.11n (HT20) TX

Test CH1: 2412MHz

In-Band Reference Level

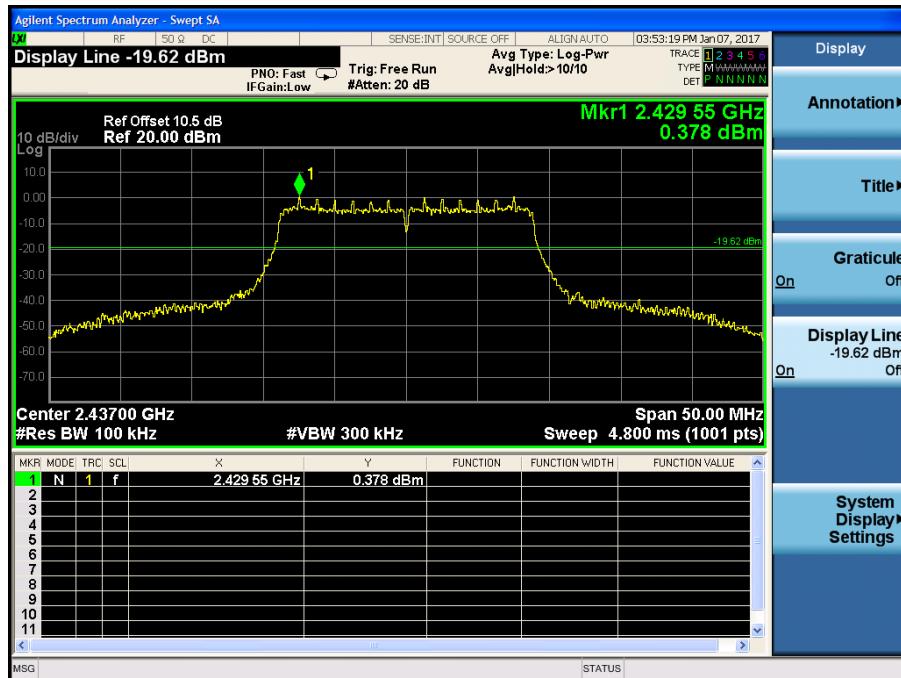


Out of Band Emission

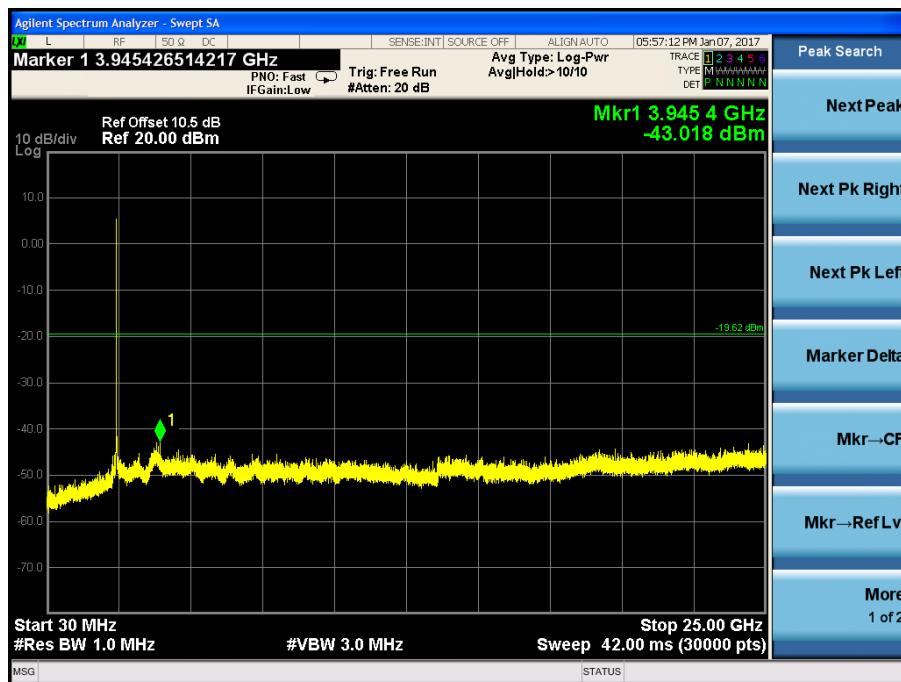


Test CH11: 2437MHz

In-Band Reference Level



Out of Band Emission

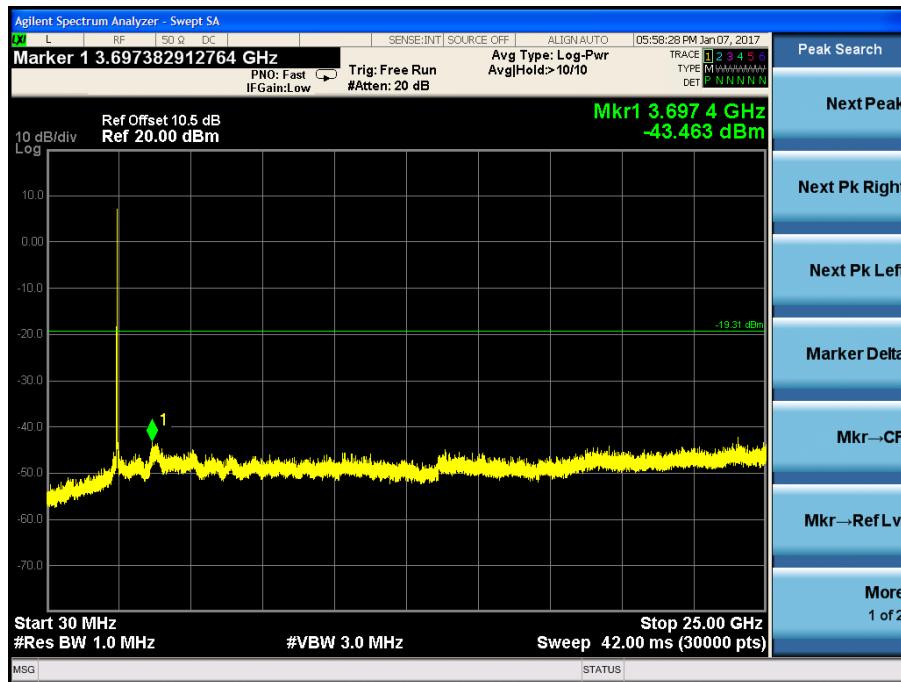


Test CH11: 2462MHz

In-Band Reference Level



Out of Band Emission



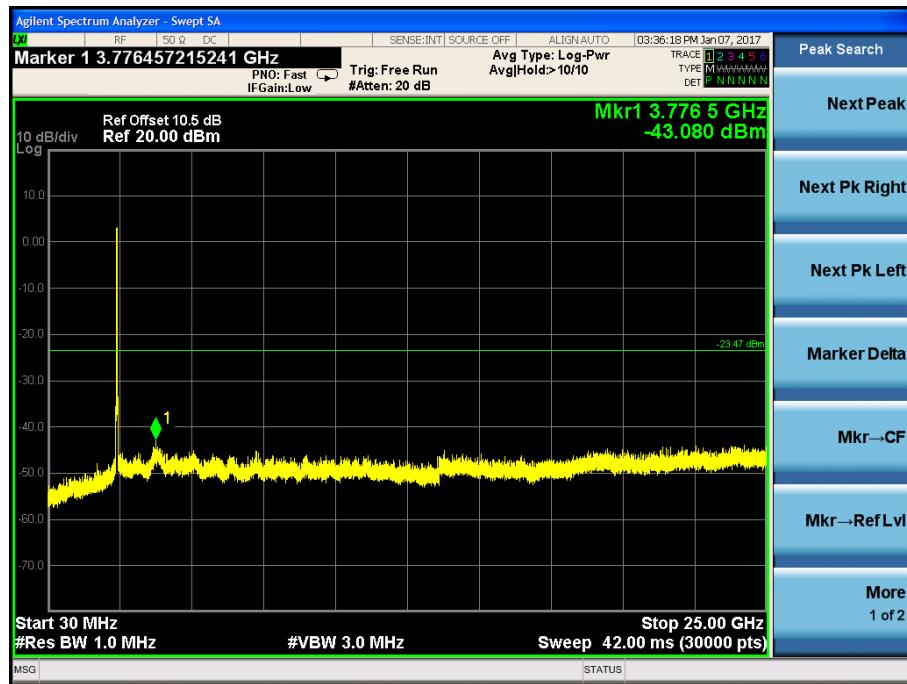
Test Mode: IEEE 802.11n (HT40) TX

Test CH3: 2422MHz

In-Band Reference Level

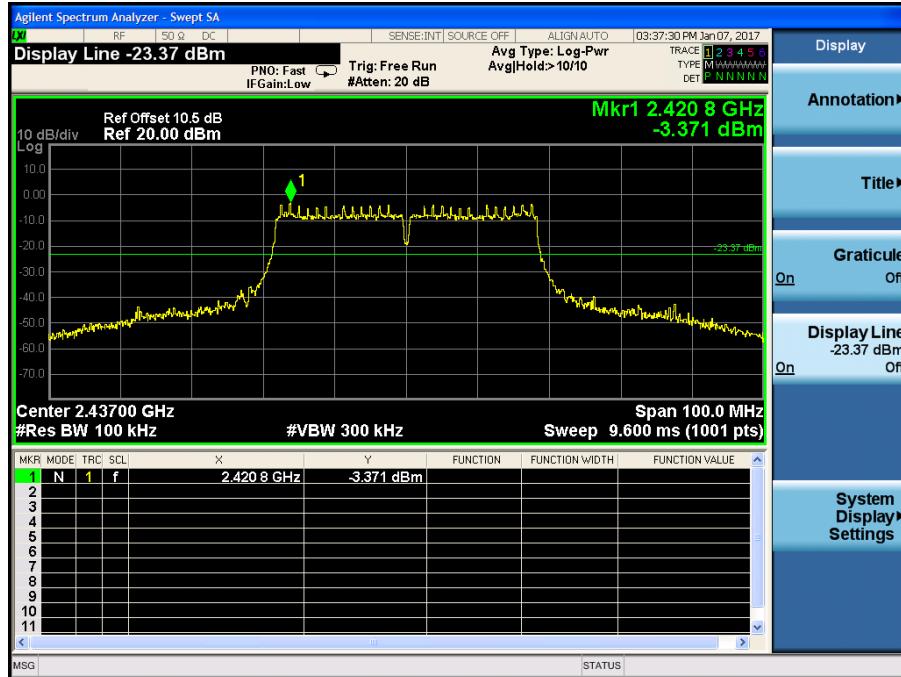


Out of Band Emission



Test CH11: 2437MHz

In-Band Reference Level



Out of Band Emission

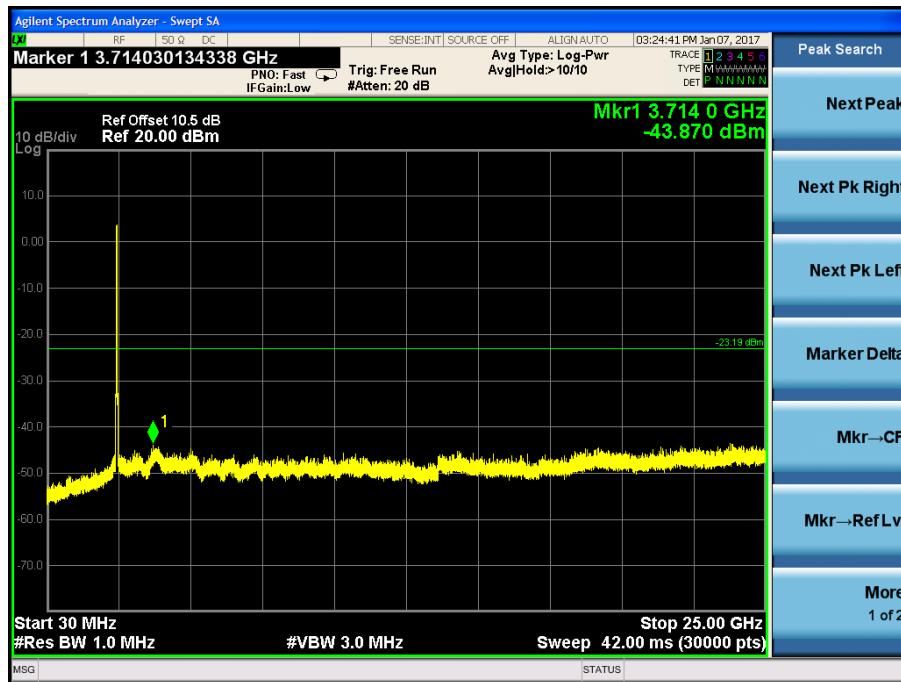


Test CH9: 2452MHz

In-Band Reference Level



Out of Band Emission

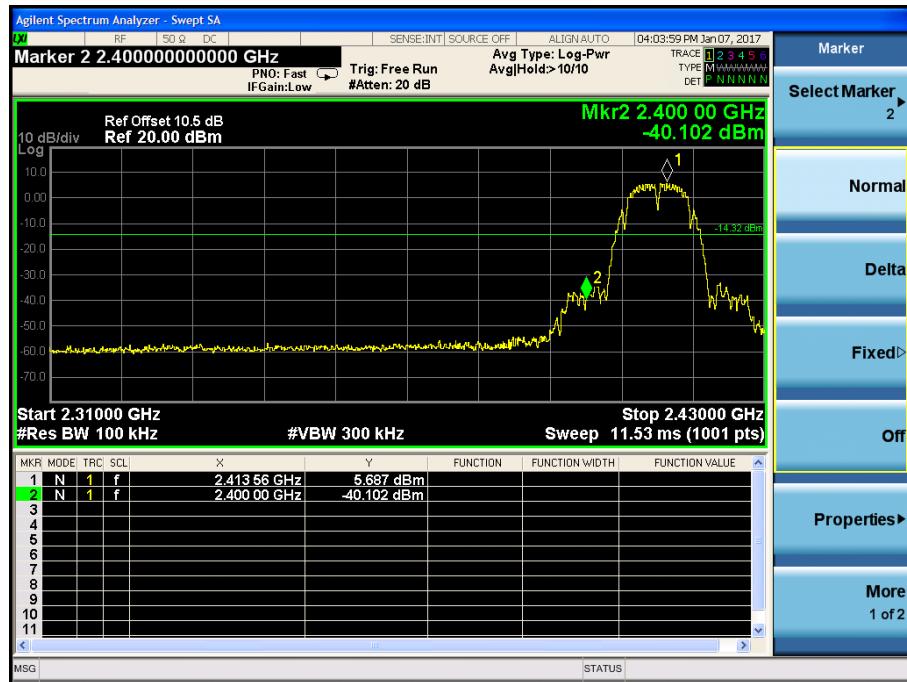


Chain 2-Test plot as follows

Test Mode: IEEE 802.11b TX

Test CH1: 2412MHz

In-Band Reference Level



Out of Band Emission



Test CH11: 2437MHz

In-Band Reference Level



Out of Band Emission



Test CH11: 2462MHz

In-Band Reference Level



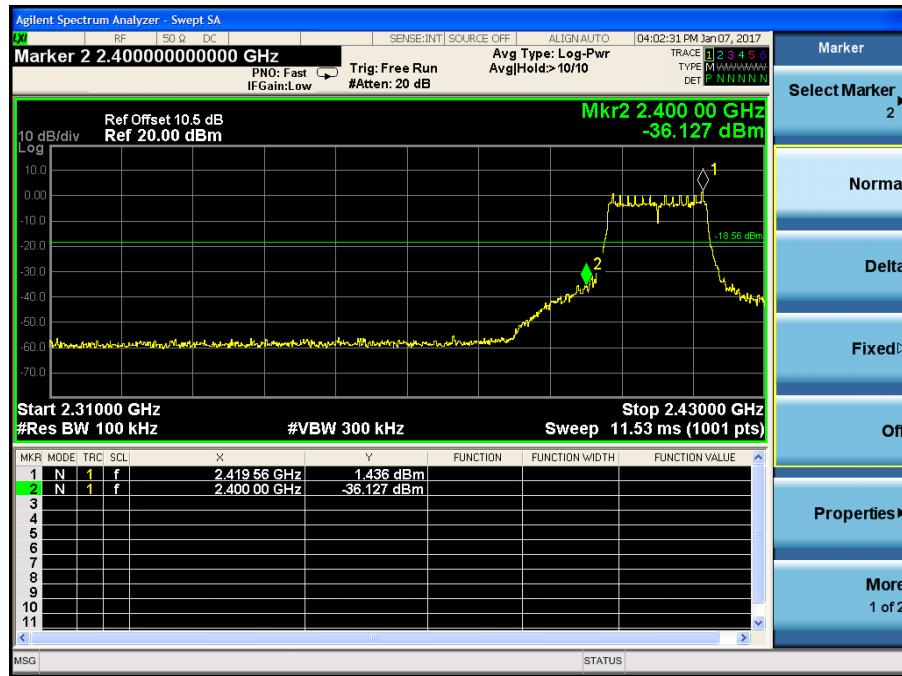
Out of Band Emission



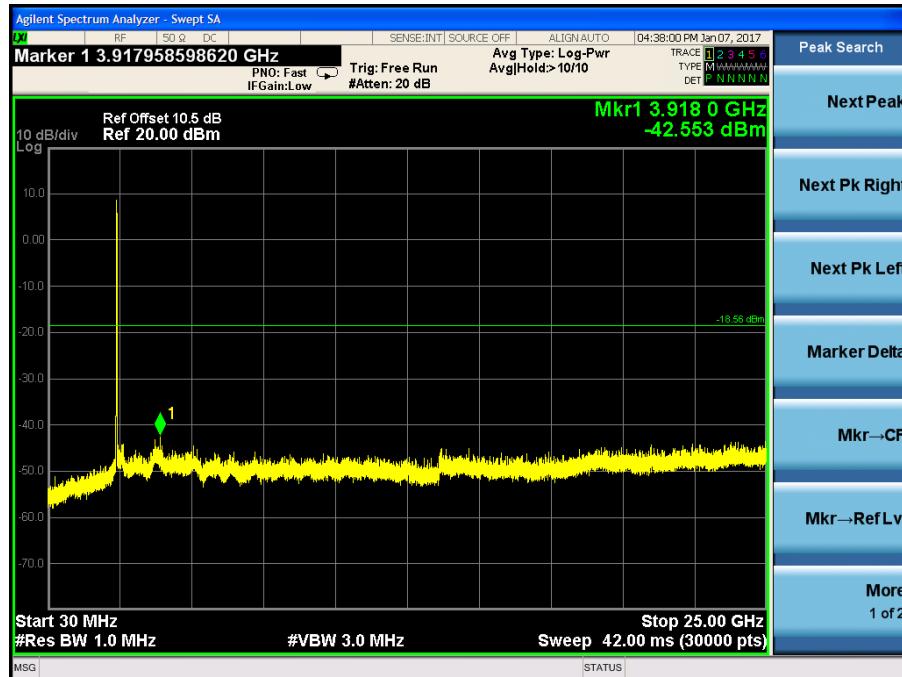
Test Mode: IEEE 802.11g TX

Test CH1: 2412MHz

In-Band Reference Level



Out of Band Emission

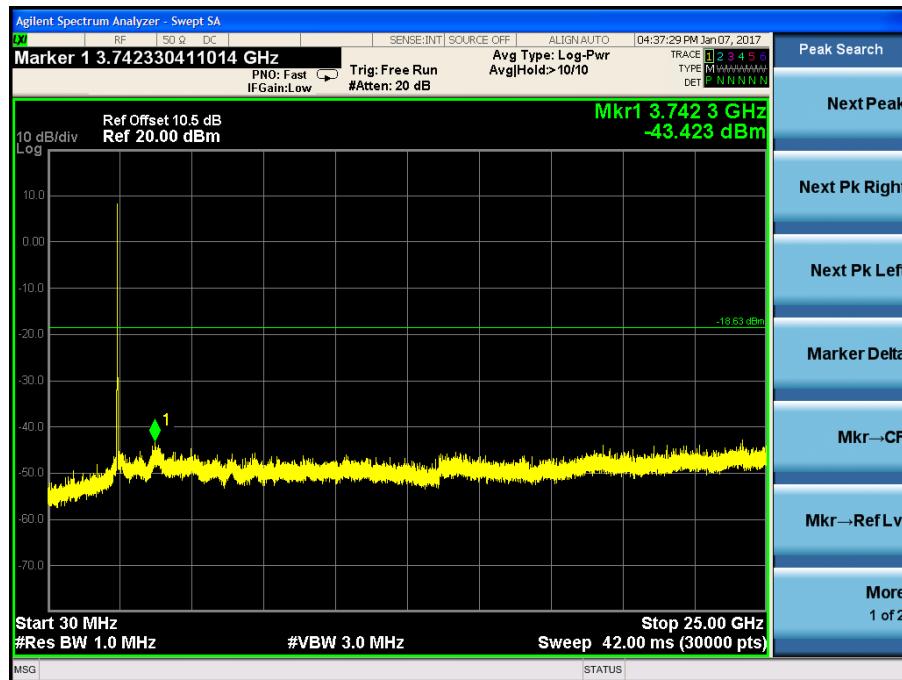


Test CH11: 2437MHz

In-Band Reference Level



Out of Band Emission

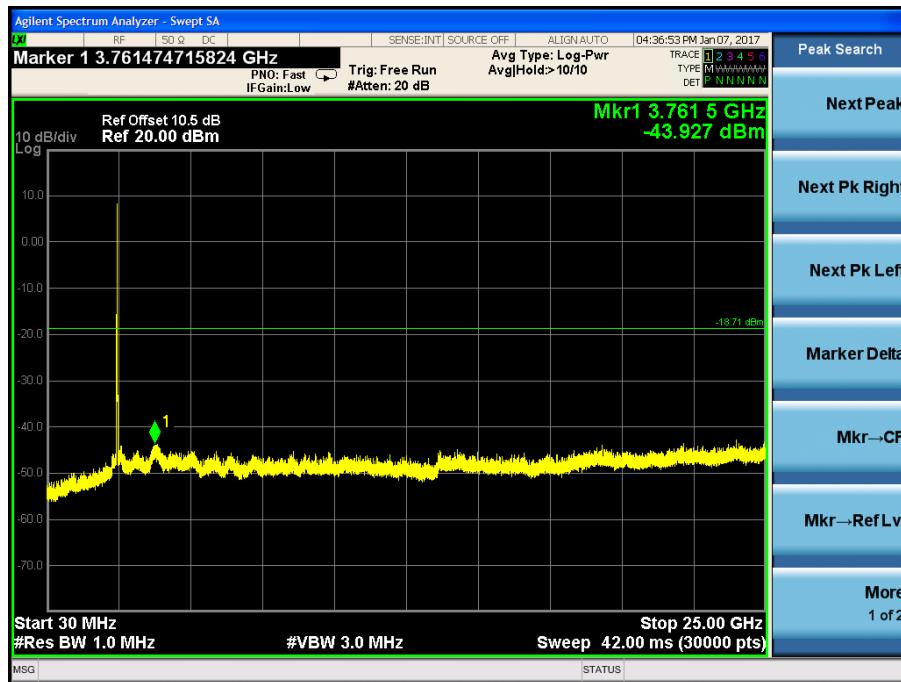


Test CH11: 2462MHz

In-Band Reference Level



Out of Band Emission



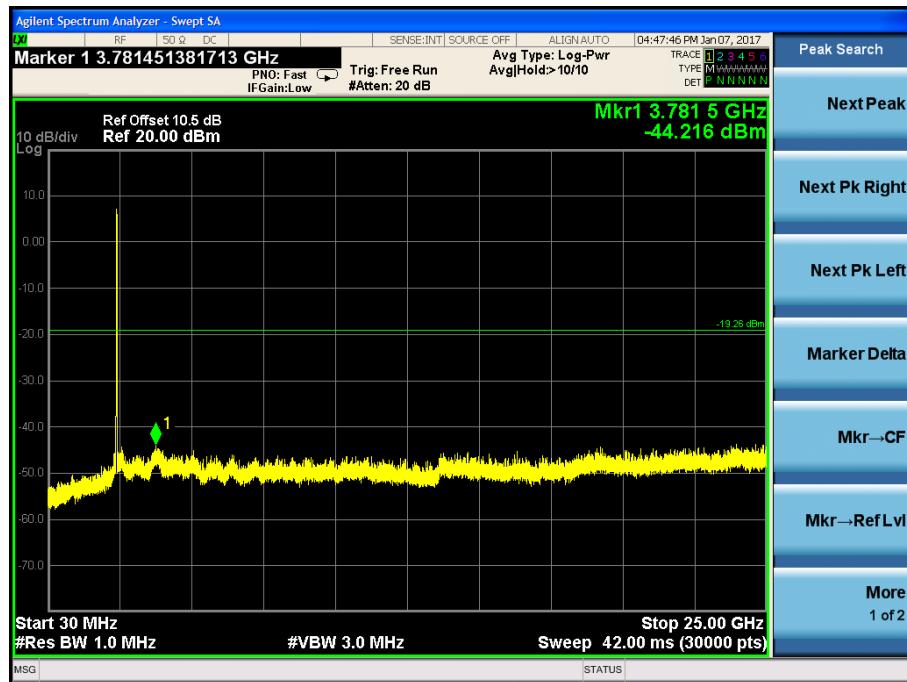
Test Mode: IEEE 802.11n (HT20) TX

Test CH1: 2412MHz

In-Band Reference Level

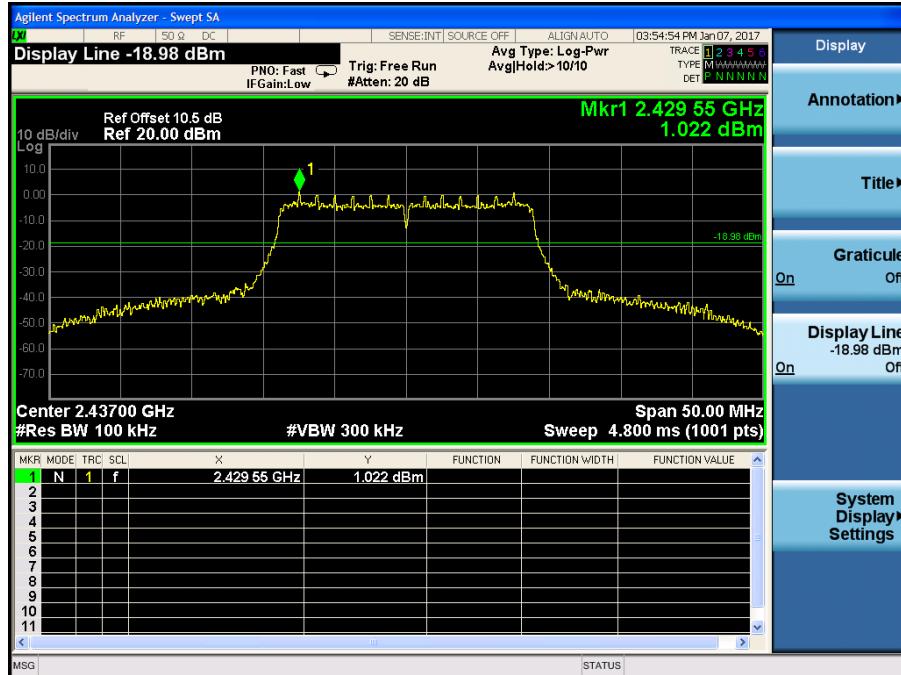


Out of Band Emission



Test CH11: 2437MHz

In-Band Reference Level



Out of Band Emission

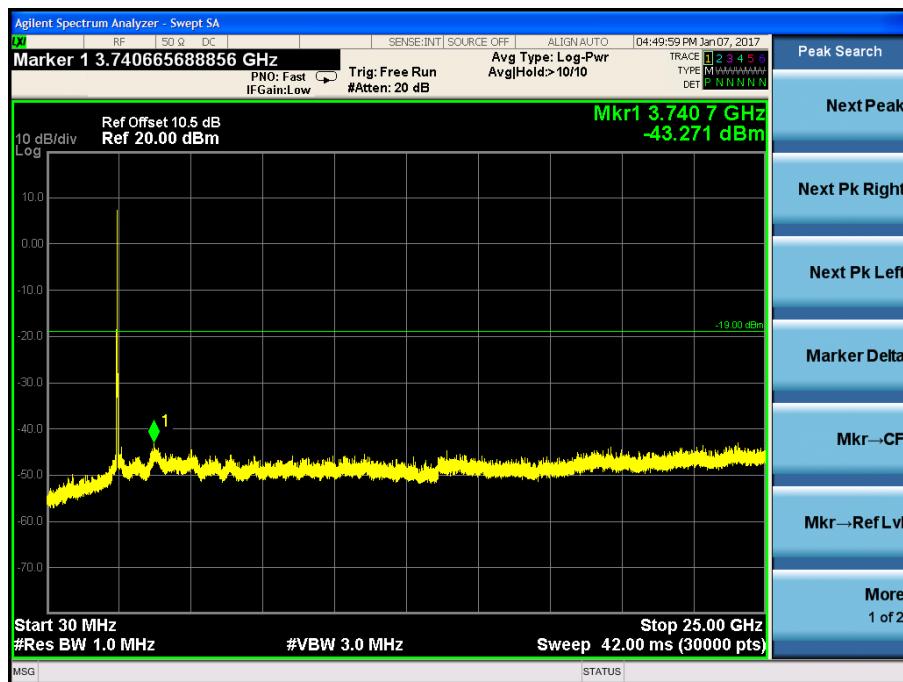


Test CH11: 2462MHz

In-Band Reference Level



Out of Band Emission



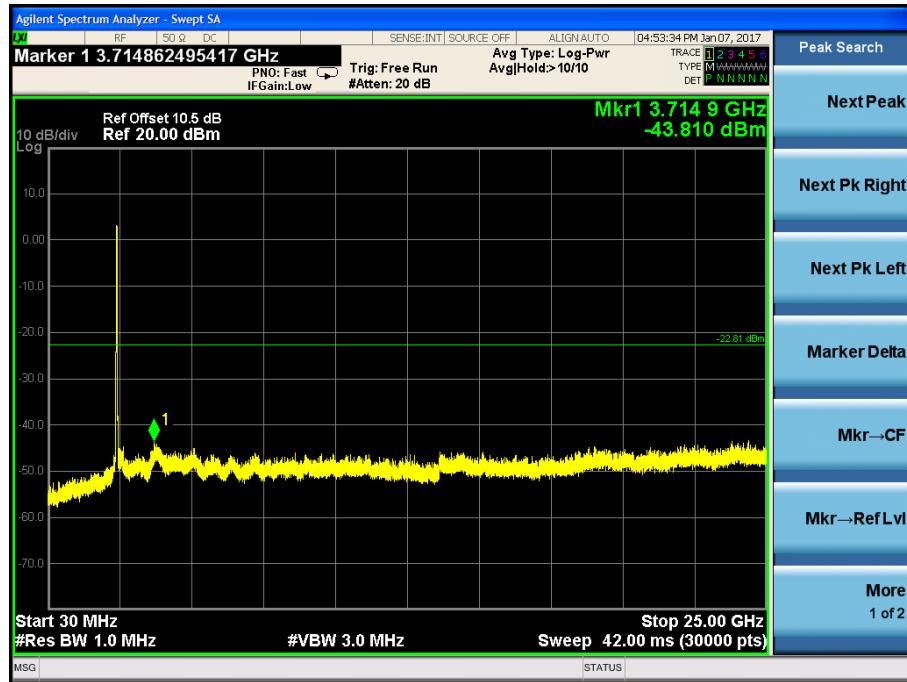
Test Mode: IEEE 802.11n (HT40) TX

Test CH3: 2422MHz

In-Band Reference Level

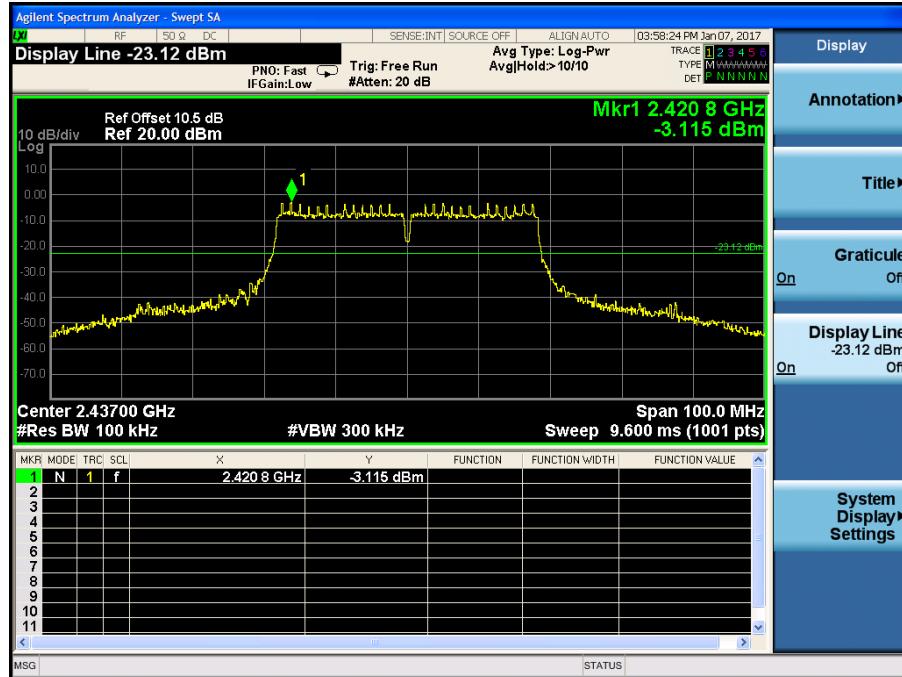


Out of Band Emission

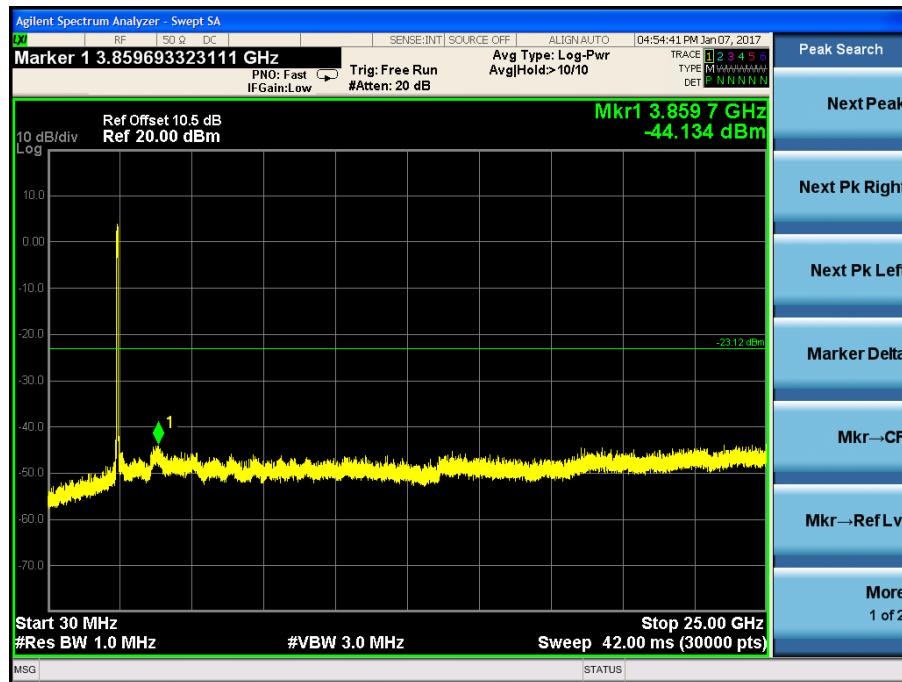


Test CH11: 2437MHz

In-Band Reference Level



Out of Band Emission

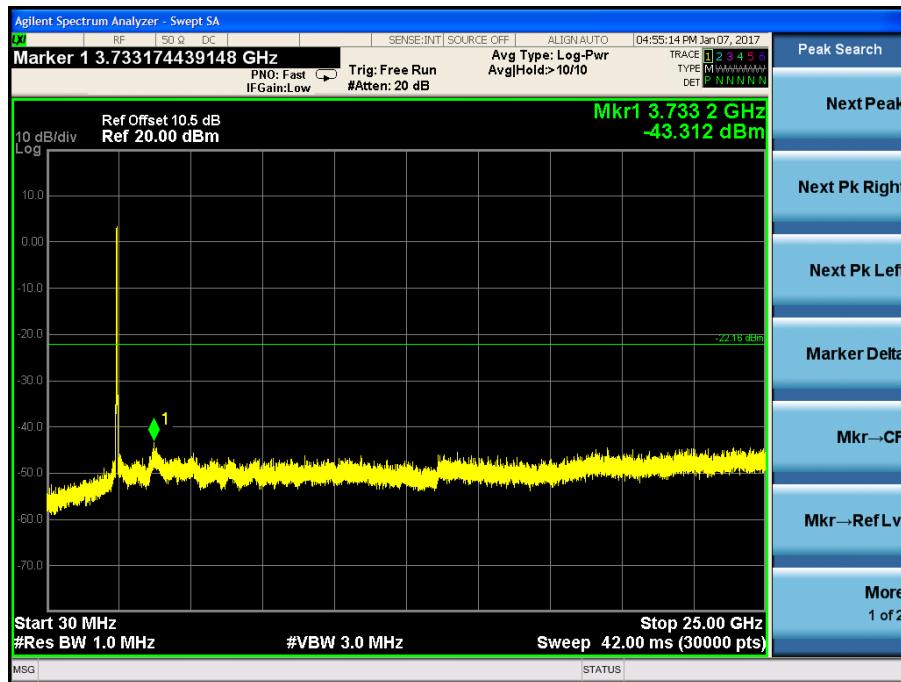


Test CH9: 2452MHz

In-Band Reference Level



Out of Band Emission



6.6 Band Edge Measurements (Radiated)

Radiated band edge measurements at 2390MHz and 2483MHz were made with the unit transmitting in the low end of the channel range and the high end closest to the restricted bands respectively. The emissions were made on the 966 Semi-Chamber. Use (resolution bandwidth (RBW) = 1 MHz, video bandwidth (VBW) = 1 MHz for peak levels and RBW = 1 MHz and VBW = 10 Hz or 1/T for average levels).

6.6.1 Limits

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a).

6.6.2 Test Procedure(KDB 558074 D01 v03r05, Section 12.1)

1. Use radiated spurious emission test procedure described in 4.5.2 clause. The transmitter output (antenna port) was connected to the test receiver.
2. Set the PK and AV limit line.
3. Record the fundamental emission and emissions out of the band edge.
4. Determine band-edge compliance as required.

6.6.3 Test Data

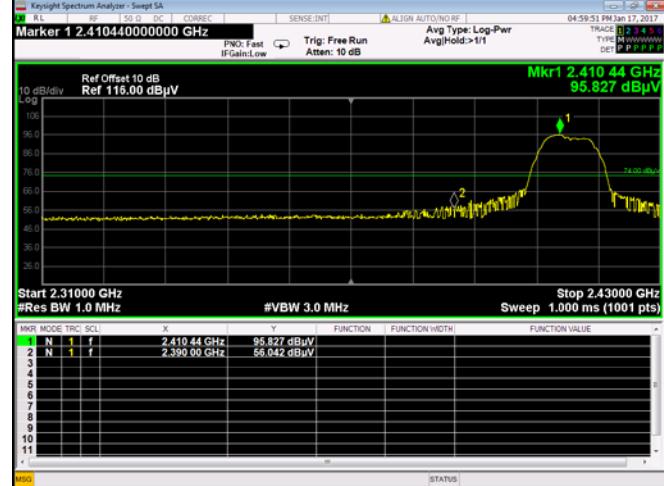
The EUT complied with the FCC Part 15.247 Radiated band edge emissions requirements.

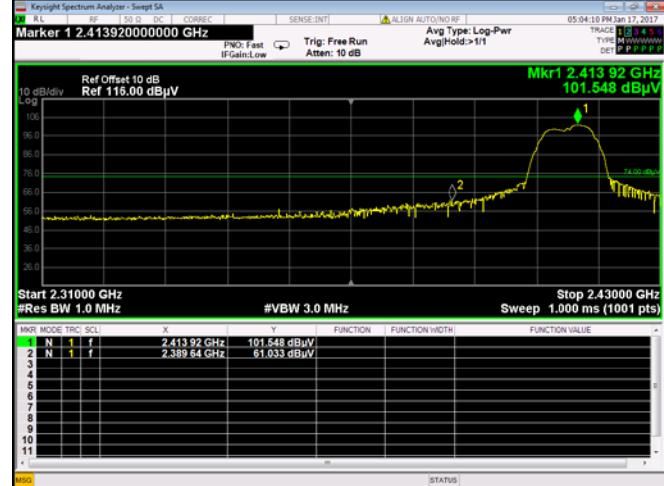
Table 11 provides the test results for Radiated band edge emissions. (All the data attached was use the worst case data rate as in table 6)

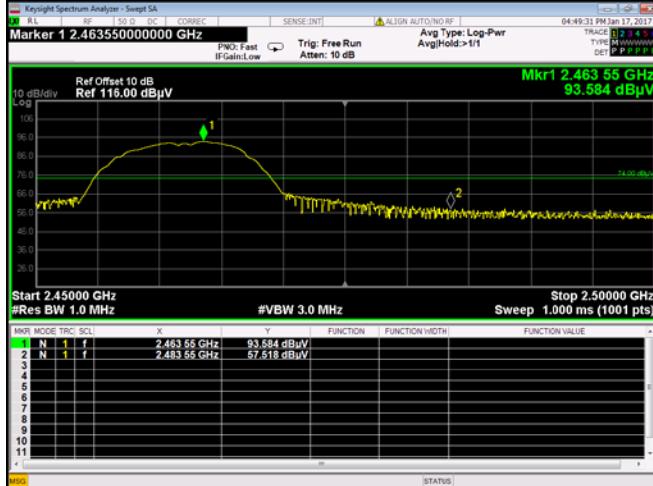
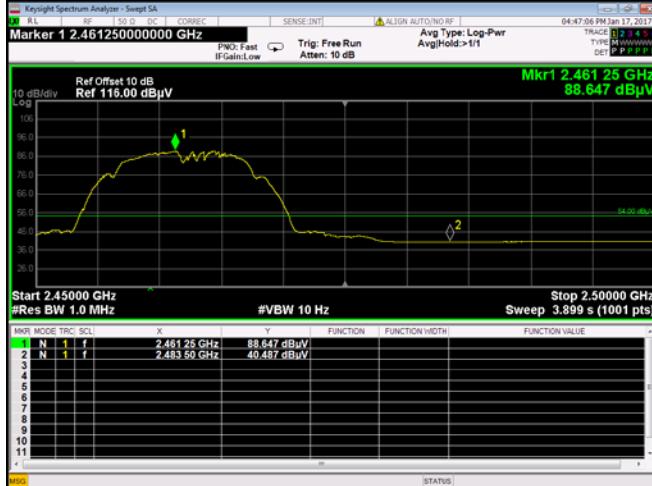
6.6.4 Areas of Concern

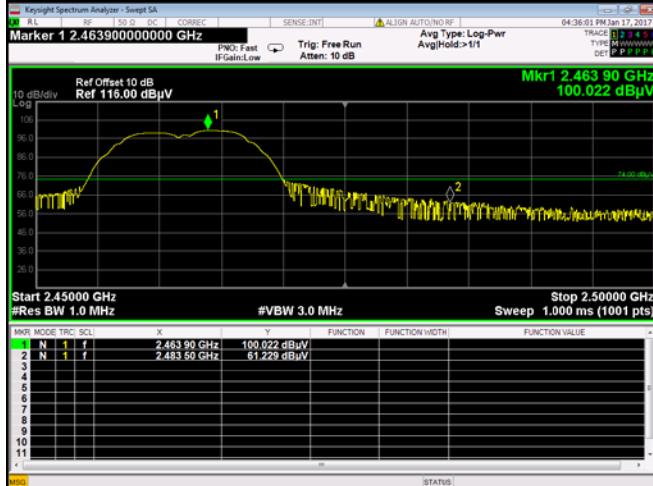
None.

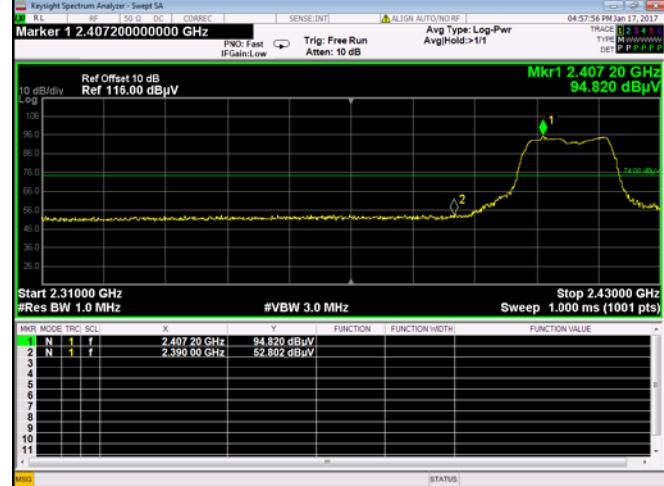
Table 11: Band Edge Measurements (Radiated)

Mode	802.11b	Ant. Polar.	Horizontal
Antenna	Chain 1+2	Channel	1
Detector: Peak		Detector: AV	
			
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)
2390	56.042	74	40.114
			54
			Pass

Mode	802.11b	Ant. Polar.	Vertical
Antenna	Chain 1+2	Channel	1
Detector: Peak		Detector: AV	
			
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)
2390	61.033	74	40.435
			54
			Pass

Mode	802.11b	Ant. Polar.	Horizontal
Antenna	Chain 1+2	Channel	11
Detector: Peak		Detector: AV	
			
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)
2483.5	57.518	74	40.487
AV Limit (dBuv/m)	Conclusion	54	Pass

Mode	802.11b	Ant. Polar.	Vertical
Antenna	Chain 1+2	Channel	11
Detector: Peak		Detector: AV	
			
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)
2483.5	61.229	74	40.728
AV Limit (dBuv/m)	Conclusion	54	Pass

Mode	802.11g	Ant. Polar.	Horizontal
Antenna	Chain 1+2	Channel	1
Detector: Peak		Detector: AV	
			
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)
2390	52.802	74	40.883
AV Limit (dBuv/m)	Conclusion	54	Pass

Mode	802.11g	Ant. Polar.	Vertical
Antenna	Chain 1+2	Channel	1
Detector: Peak		Detector: AV	
			
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)
2390	53.528	74	41.909
AV Limit (dBuv/m)	Conclusion	54	Pass

Mode	802.11g	Ant. Polar.	Horizontal		
Antenna	Chain 1+2	Channel	11		
Detector: Peak		Detector: AV			
					
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)	AV Limit (dBuv/m)	Conclusion
2483.5	54.631	74	41.967	54	Pass

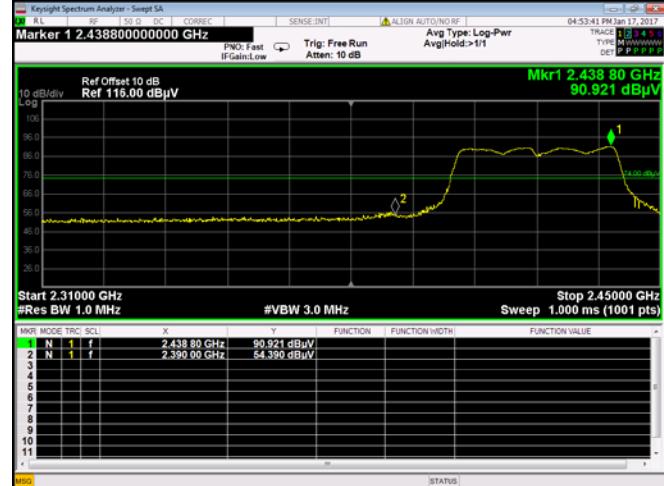
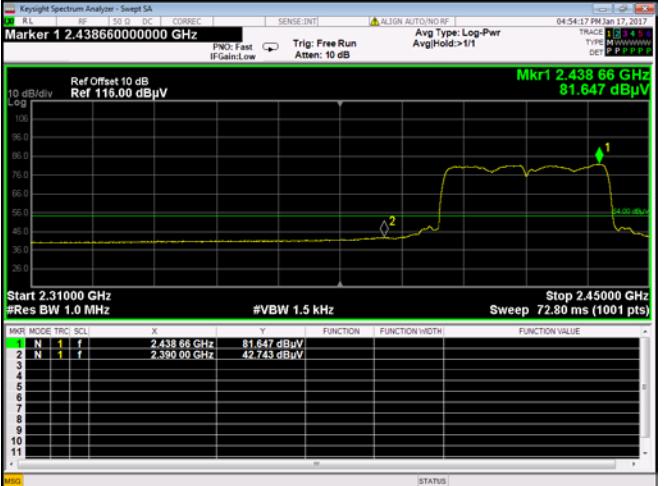
Mode	802.11g	Ant. Polar.	Vertical		
Antenna	Chain 1+2	Channel	11		
Detector: Peak		Detector: AV			
					
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)	AV Limit (dBuv/m)	Conclusion
2483.5	57.983	74	44.227	54	Pass

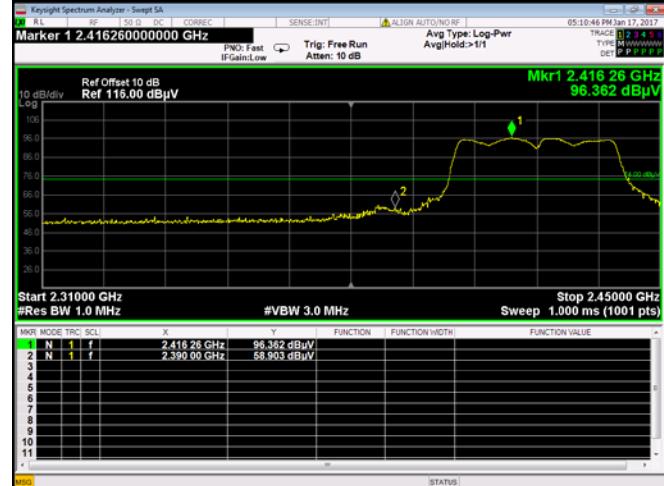
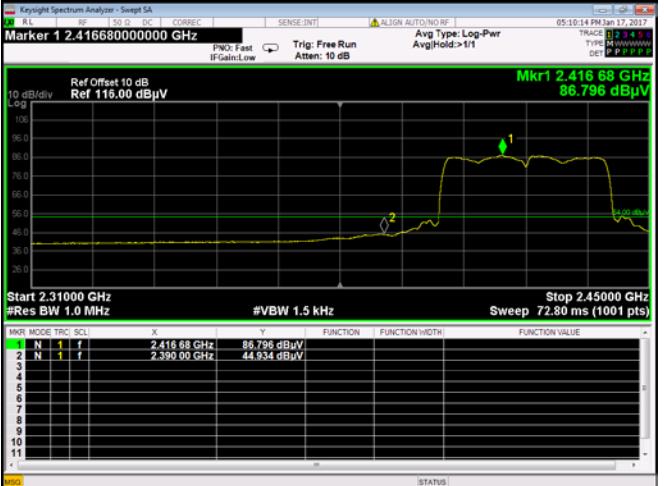
Mode	802.11n(HT20)		Ant. Polar.	Horizontal																																																																																																																																					
Antenna	Chain 1+2		Channel	1																																																																																																																																					
Detector: Peak			Detector: AV																																																																																																																																						
<p>Marker 1 2.419680000000 GHz</p> <p>Ref Offset 10 dB Ref 116.00 dBuV</p> <p>Mkr1 2.419 68 GHz 94.304 dBuV</p> <p>Start 2.31000 GHz Stop 2.43000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts)</p> <table border="1"> <tr><td>1</td><td>N</td><td>1</td><td>f</td><td>2.419 68 GHz</td><td>94.304 dBuV</td></tr> <tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.390 00 GHz</td><td>52.700 dBuV</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</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></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>11</td><td></td><td></td><td></td><td></td><td></td></tr> </table>			1			N	1	f	2.419 68 GHz	94.304 dBuV	2	N	1	f	2.390 00 GHz	52.700 dBuV	3						4						5						6						7						8						9						10						11						<p>Marker 1 2.419080000000 GHz</p> <p>Ref Offset 10 dB Ref 116.00 dBuV</p> <p>Mkr1 2.419 08 GHz 84.550 dBuV</p> <p>Start 2.31000 GHz Stop 2.43000 GHz #Res BW 1.0 MHz #VBW 750 Hz Sweep 124.8 ms (1001 pts)</p> <table border="1"> <tr><td>1</td><td>N</td><td>1</td><td>f</td><td>2.419 08 GHz</td><td>84.550 dBuV</td></tr> <tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.390 00 GHz</td><td>41.327 dBuV</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</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></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>11</td><td></td><td></td><td></td><td></td><td></td></tr> </table>			1	N	1	f	2.419 08 GHz	84.550 dBuV	2	N	1	f	2.390 00 GHz	41.327 dBuV	3						4						5						6						7						8						9						10						11			
1	N	1	f	2.419 68 GHz	94.304 dBuV																																																																																																																																				
2	N	1	f	2.390 00 GHz	52.700 dBuV																																																																																																																																				
3																																																																																																																																									
4																																																																																																																																									
5																																																																																																																																									
6																																																																																																																																									
7																																																																																																																																									
8																																																																																																																																									
9																																																																																																																																									
10																																																																																																																																									
11																																																																																																																																									
1	N	1	f	2.419 08 GHz	84.550 dBuV																																																																																																																																				
2	N	1	f	2.390 00 GHz	41.327 dBuV																																																																																																																																				
3																																																																																																																																									
4																																																																																																																																									
5																																																																																																																																									
6																																																																																																																																									
7																																																																																																																																									
8																																																																																																																																									
9																																																																																																																																									
10																																																																																																																																									
11																																																																																																																																									
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)	AV Limit (dBuv/m)	Conclusion																																																																																																																																				
2390	52.700	74	41.327	54	Pass																																																																																																																																				

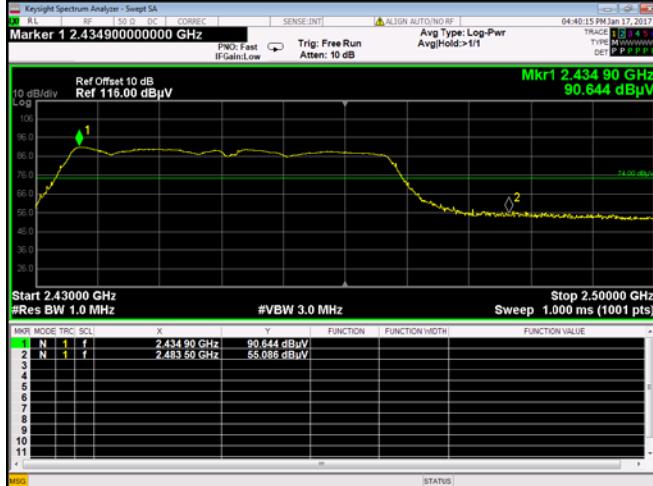
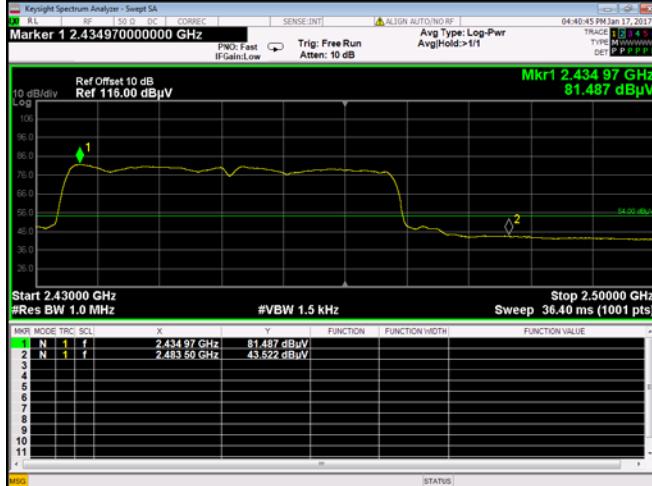
Mode	802.11n(HT20)		Ant. Polar.	Vertical																																																																																																																																					
Antenna	Chain 1+2		Channel	1																																																																																																																																					
Detector: Peak			Detector: AV																																																																																																																																						
<p>Marker 1 2.416080000000 GHz</p> <p>Ref Offset 10 dB Ref 116.00 dBuV</p> <p>Mkr1 2.416 08 GHz 99.221 dBuV</p> <p>Start 2.31000 GHz Stop 2.43000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts)</p> <table border="1"> <tr><td>1</td><td>N</td><td>1</td><td>f</td><td>2.416 08 GHz</td><td>99.221 dBuV</td></tr> <tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.390 00 GHz</td><td>54.902 dBuV</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</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></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>11</td><td></td><td></td><td></td><td></td><td></td></tr> </table>			1			N	1	f	2.416 08 GHz	99.221 dBuV	2	N	1	f	2.390 00 GHz	54.902 dBuV	3						4						5						6						7						8						9						10						11						<p>Marker 1 2.414640000000 GHz</p> <p>Ref Offset 10 dB Ref 116.00 dBuV</p> <p>Mkr1 2.414 64 GHz 89.282 dBuV</p> <p>Start 2.31000 GHz Stop 2.43000 GHz #Res BW 1.0 MHz #VBW 750 Hz Sweep 124.8 ms (1001 pts)</p> <table border="1"> <tr><td>1</td><td>N</td><td>1</td><td>f</td><td>2.414 64 GHz</td><td>89.282 dBuV</td></tr> <tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.390 00 GHz</td><td>42.488 dBuV</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</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></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>11</td><td></td><td></td><td></td><td></td><td></td></tr> </table>			1	N	1	f	2.414 64 GHz	89.282 dBuV	2	N	1	f	2.390 00 GHz	42.488 dBuV	3						4						5						6						7						8						9						10						11			
1	N	1	f	2.416 08 GHz	99.221 dBuV																																																																																																																																				
2	N	1	f	2.390 00 GHz	54.902 dBuV																																																																																																																																				
3																																																																																																																																									
4																																																																																																																																									
5																																																																																																																																									
6																																																																																																																																									
7																																																																																																																																									
8																																																																																																																																									
9																																																																																																																																									
10																																																																																																																																									
11																																																																																																																																									
1	N	1	f	2.414 64 GHz	89.282 dBuV																																																																																																																																				
2	N	1	f	2.390 00 GHz	42.488 dBuV																																																																																																																																				
3																																																																																																																																									
4																																																																																																																																									
5																																																																																																																																									
6																																																																																																																																									
7																																																																																																																																									
8																																																																																																																																									
9																																																																																																																																									
10																																																																																																																																									
11																																																																																																																																									
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)	AV Limit (dBuv/m)	Conclusion																																																																																																																																				
2390	54.902	74	42.488	54	Pass																																																																																																																																				

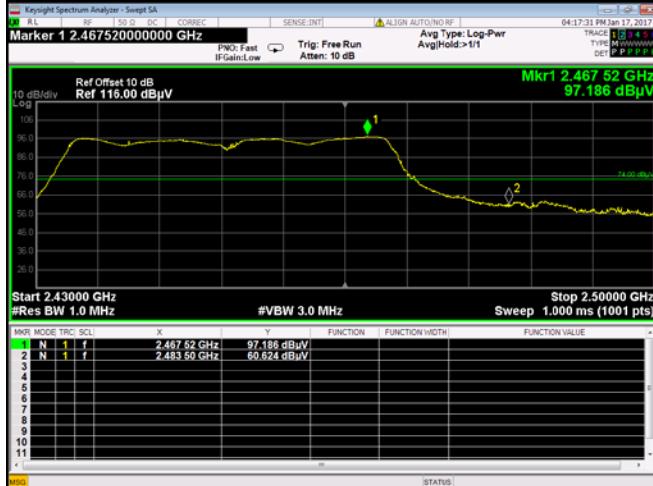
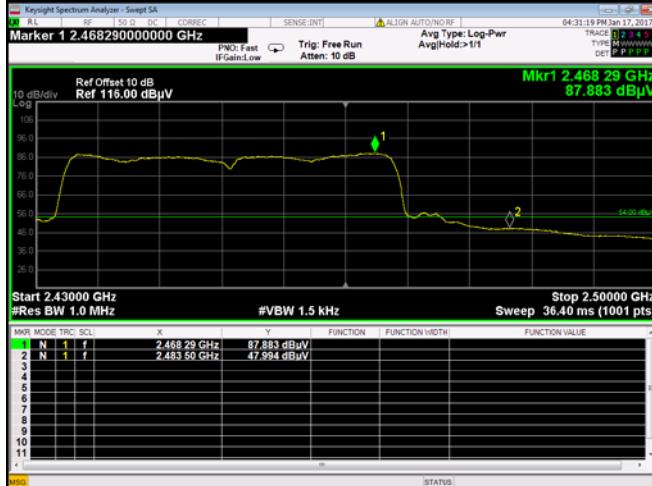
Mode	802.11n(HT20)		Ant. Polar.	Horizontal																																																																																																																																					
Antenna	Chain 1+2		Channel	11																																																																																																																																					
Detector: Peak			Detector: AV																																																																																																																																						
<p>Marker 1 2.454350000000 GHz</p> <p>Mkr1 2.454 35 GHz 93.087 dBµV</p> <p>Start 2.45000 GHz Stop 2.50000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts)</p> <table border="1"> <tr><td>1</td><td>N</td><td>1</td><td>f</td><td>2.454 35 GHz</td><td>93.087 dBµV</td></tr> <tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.483 50 GHz</td><td>64.563 dBµV</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</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></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>11</td><td></td><td></td><td></td><td></td><td></td></tr> </table>			1			N	1	f	2.454 35 GHz	93.087 dBµV	2	N	1	f	2.483 50 GHz	64.563 dBµV	3						4						5						6						7						8						9						10						11						<p>Marker 1 2.455050000000 GHz</p> <p>Mkr1 2.455 05 GHz 83.325 dBµV</p> <p>Start 2.45000 GHz Stop 2.50000 GHz #Res BW 1.0 MHz #VBW 750 Hz Sweep 52.00 ms (1001 pts)</p> <table border="1"> <tr><td>1</td><td>N</td><td>1</td><td>f</td><td>2.455 05 GHz</td><td>83.325 dBµV</td></tr> <tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.483 50 GHz</td><td>42.117 dBµV</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</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></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>11</td><td></td><td></td><td></td><td></td><td></td></tr> </table>			1	N	1	f	2.455 05 GHz	83.325 dBµV	2	N	1	f	2.483 50 GHz	42.117 dBµV	3						4						5						6						7						8						9						10						11			
1	N	1	f	2.454 35 GHz	93.087 dBµV																																																																																																																																				
2	N	1	f	2.483 50 GHz	64.563 dBµV																																																																																																																																				
3																																																																																																																																									
4																																																																																																																																									
5																																																																																																																																									
6																																																																																																																																									
7																																																																																																																																									
8																																																																																																																																									
9																																																																																																																																									
10																																																																																																																																									
11																																																																																																																																									
1	N	1	f	2.455 05 GHz	83.325 dBµV																																																																																																																																				
2	N	1	f	2.483 50 GHz	42.117 dBµV																																																																																																																																				
3																																																																																																																																									
4																																																																																																																																									
5																																																																																																																																									
6																																																																																																																																									
7																																																																																																																																									
8																																																																																																																																									
9																																																																																																																																									
10																																																																																																																																									
11																																																																																																																																									
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)	AV Limit (dBuv/m)	Conclusion																																																																																																																																				
2483.5	54.563	74	42.117	54	Pass																																																																																																																																				

Mode	802.11n(HT20)		Ant. Polar.	Vertical																																																																																																																																					
Antenna	Chain 1+2		Channel	11																																																																																																																																					
Detector: Peak			Detector: AV																																																																																																																																						
<p>Marker 1 2.468850000000 GHz</p> <p>Mkr1 2.468 85 GHz 99.894 dBµV</p> <p>Start 2.45000 GHz Stop 2.50000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts)</p> <table border="1"> <tr><td>1</td><td>N</td><td>1</td><td>f</td><td>2.468 85 GHz</td><td>99.894 dBµV</td></tr> <tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.483 50 GHz</td><td>60.723 dBµV</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</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></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>11</td><td></td><td></td><td></td><td></td><td></td></tr> </table>			1			N	1	f	2.468 85 GHz	99.894 dBµV	2	N	1	f	2.483 50 GHz	60.723 dBµV	3						4						5						6						7						8						9						10						11						<p>Marker 1 2.468650000000 GHz</p> <p>Mkr1 2.468 65 GHz 90.239 dBµV</p> <p>Start 2.45000 GHz Stop 2.50000 GHz #Res BW 1.0 MHz #VBW 750 Hz Sweep 52.00 ms (1001 pts)</p> <table border="1"> <tr><td>1</td><td>N</td><td>1</td><td>f</td><td>2.468 65 GHz</td><td>90.239 dBµV</td></tr> <tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.483 50 GHz</td><td>45.202 dBµV</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</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></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>11</td><td></td><td></td><td></td><td></td><td></td></tr> </table>			1	N	1	f	2.468 65 GHz	90.239 dBµV	2	N	1	f	2.483 50 GHz	45.202 dBµV	3						4						5						6						7						8						9						10						11			
1	N	1	f	2.468 85 GHz	99.894 dBµV																																																																																																																																				
2	N	1	f	2.483 50 GHz	60.723 dBµV																																																																																																																																				
3																																																																																																																																									
4																																																																																																																																									
5																																																																																																																																									
6																																																																																																																																									
7																																																																																																																																									
8																																																																																																																																									
9																																																																																																																																									
10																																																																																																																																									
11																																																																																																																																									
1	N	1	f	2.468 65 GHz	90.239 dBµV																																																																																																																																				
2	N	1	f	2.483 50 GHz	45.202 dBµV																																																																																																																																				
3																																																																																																																																									
4																																																																																																																																									
5																																																																																																																																									
6																																																																																																																																									
7																																																																																																																																									
8																																																																																																																																									
9																																																																																																																																									
10																																																																																																																																									
11																																																																																																																																									
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)	AV Limit (dBuv/m)	Conclusion																																																																																																																																				
2483.5	60.723	74	45.202	54	Pass																																																																																																																																				

Mode	802.11n(HT40)		Ant. Polar.	Horizontal																																																																																																																																					
Antenna	Chain 1+2		Channel	3																																																																																																																																					
Detector: Peak			Detector: AV																																																																																																																																						
 <p>Marker 1 2.438800000000 GHz Mkr1 2.438 80 GHz 90.921 dBµV</p> <p>Start 2.31000 GHz Stop 2.45000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts)</p> <table border="1"> <tr><td>1</td><td>N</td><td>1</td><td>f</td><td>2.438 80 GHz</td><td>90.921 dBµV</td></tr> <tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.390 00 GHz</td><td>54.390 dBµV</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</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></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>11</td><td></td><td></td><td></td><td></td><td></td></tr> </table>			1			N	1	f	2.438 80 GHz	90.921 dBµV	2	N	1	f	2.390 00 GHz	54.390 dBµV	3						4						5						6						7						8						9						10						11						 <p>Marker 1 2.438660000000 GHz Mkr1 2.438 66 GHz 81.647 dBµV</p> <p>Start 2.31000 GHz Stop 2.45000 GHz #Res BW 1.0 MHz #VBW 1.5 kHz Sweep 72.80 ms (1001 pts)</p> <table border="1"> <tr><td>1</td><td>N</td><td>1</td><td>f</td><td>2.438 66 GHz</td><td>81.647 dBµV</td></tr> <tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.390 00 GHz</td><td>42.743 dBµV</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</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></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>11</td><td></td><td></td><td></td><td></td><td></td></tr> </table>			1	N	1	f	2.438 66 GHz	81.647 dBµV	2	N	1	f	2.390 00 GHz	42.743 dBµV	3						4						5						6						7						8						9						10						11			
1	N	1	f	2.438 80 GHz	90.921 dBµV																																																																																																																																				
2	N	1	f	2.390 00 GHz	54.390 dBµV																																																																																																																																				
3																																																																																																																																									
4																																																																																																																																									
5																																																																																																																																									
6																																																																																																																																									
7																																																																																																																																									
8																																																																																																																																									
9																																																																																																																																									
10																																																																																																																																									
11																																																																																																																																									
1	N	1	f	2.438 66 GHz	81.647 dBµV																																																																																																																																				
2	N	1	f	2.390 00 GHz	42.743 dBµV																																																																																																																																				
3																																																																																																																																									
4																																																																																																																																									
5																																																																																																																																									
6																																																																																																																																									
7																																																																																																																																									
8																																																																																																																																									
9																																																																																																																																									
10																																																																																																																																									
11																																																																																																																																									
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)	AV Limit (dBuv/m)	Conclusion																																																																																																																																				
2390	54.390	74	42.743	54	Pass																																																																																																																																				

Mode	802.11n(HT40)		Ant. Polar.	Vertical																																																																																																																																					
Antenna	Chain 1+2		Channel	3																																																																																																																																					
Detector: Peak			Detector: AV																																																																																																																																						
 <p>Marker 1 2.416260000000 GHz Mkr1 2.416 26 GHz 96.362 dBµV</p> <p>Start 2.31000 GHz Stop 2.45000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts)</p> <table border="1"> <tr><td>1</td><td>N</td><td>1</td><td>f</td><td>2.416 26 GHz</td><td>96.362 dBµV</td></tr> <tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.390 00 GHz</td><td>58.903 dBµV</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</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></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>11</td><td></td><td></td><td></td><td></td><td></td></tr> </table>			1			N	1	f	2.416 26 GHz	96.362 dBµV	2	N	1	f	2.390 00 GHz	58.903 dBµV	3						4						5						6						7						8						9						10						11						 <p>Marker 1 2.416680000000 GHz Mkr1 2.416 68 GHz 86.796 dBµV</p> <p>Start 2.31000 GHz Stop 2.45000 GHz #Res BW 1.0 MHz #VBW 1.5 kHz Sweep 72.80 ms (1001 pts)</p> <table border="1"> <tr><td>1</td><td>N</td><td>1</td><td>f</td><td>2.416 68 GHz</td><td>86.796 dBµV</td></tr> <tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.390 00 GHz</td><td>44.934 dBµV</td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</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></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>11</td><td></td><td></td><td></td><td></td><td></td></tr> </table>			1	N	1	f	2.416 68 GHz	86.796 dBµV	2	N	1	f	2.390 00 GHz	44.934 dBµV	3						4						5						6						7						8						9						10						11			
1	N	1	f	2.416 26 GHz	96.362 dBµV																																																																																																																																				
2	N	1	f	2.390 00 GHz	58.903 dBµV																																																																																																																																				
3																																																																																																																																									
4																																																																																																																																									
5																																																																																																																																									
6																																																																																																																																									
7																																																																																																																																									
8																																																																																																																																									
9																																																																																																																																									
10																																																																																																																																									
11																																																																																																																																									
1	N	1	f	2.416 68 GHz	86.796 dBµV																																																																																																																																				
2	N	1	f	2.390 00 GHz	44.934 dBµV																																																																																																																																				
3																																																																																																																																									
4																																																																																																																																									
5																																																																																																																																									
6																																																																																																																																									
7																																																																																																																																									
8																																																																																																																																									
9																																																																																																																																									
10																																																																																																																																									
11																																																																																																																																									
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)	AV Limit (dBuv/m)	Conclusion																																																																																																																																				
2390	58.903	74	44.934	54	Pass																																																																																																																																				

Mode	802.11n(HT40)		Ant. Polar.	Horizontal					
Antenna	Chain 1+2		Channel	9					
Detector: Peak			Detector: AV						
									
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)	AV Limit (dBuv/m)	Conclusion				
2483.5	55.086	74	43.522	54	Pass				

Mode	802.11n(HT40)		Ant. Polar.	Vertical					
Antenna	Chain 1+2		Channel	9					
Detector: Peak			Detector: AV						
									
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)	AV Limit (dBuv/m)	Conclusion				
2483.5	60.624	74	47.994	54	Pass				

END of TEST REPORT