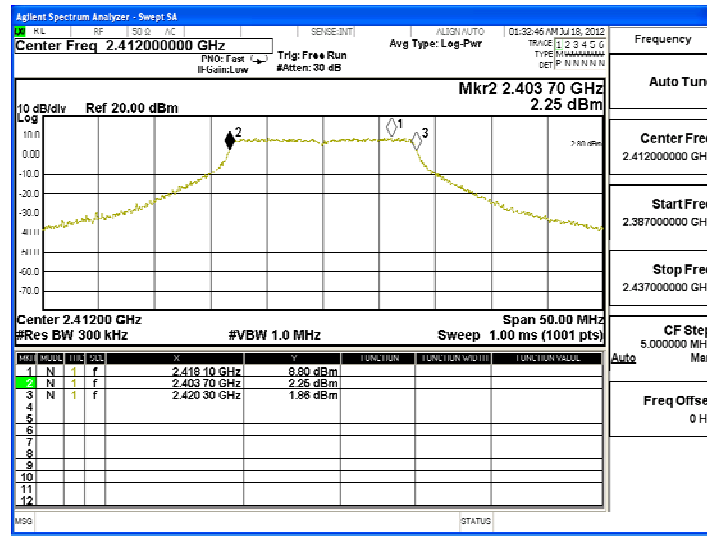


Product : Router  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 4: Transmit - 802.11n-20BW\_14.4Mbps(2.4G Band) (2412MHz)

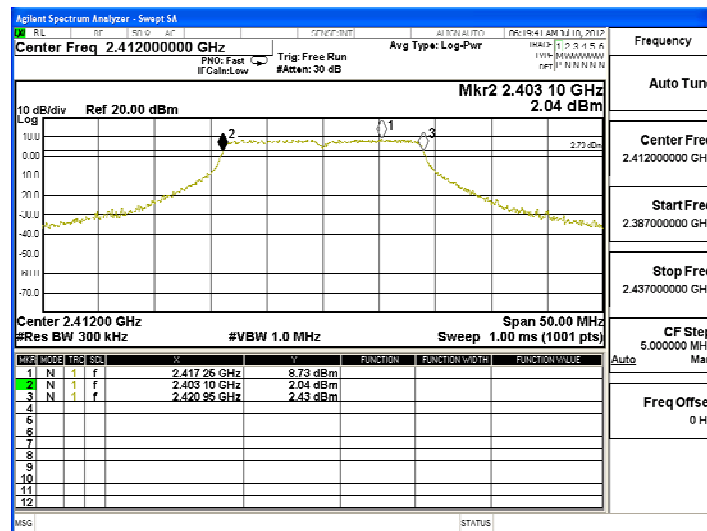
| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 1           | 2412.00         | 16600                   | >500                 | Pass   |

Figure Channel 1: (Chain A)



| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 1           | 2412.00         | 17850                   | >500                 | Pass   |

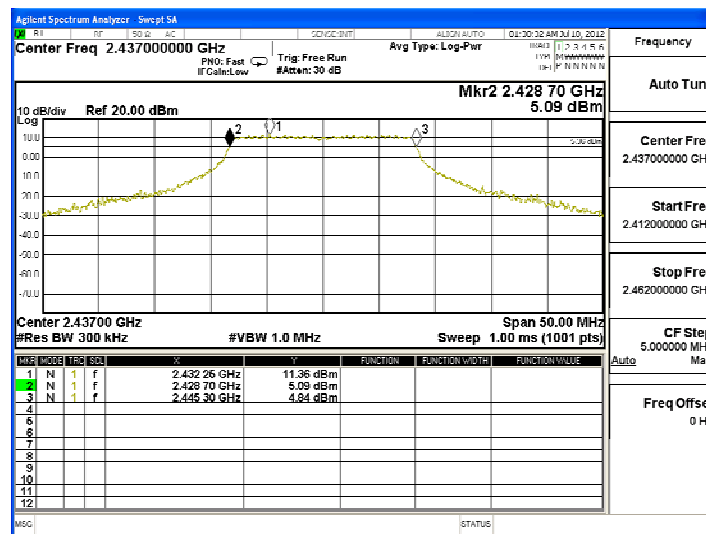
Figure Channel 1: (Chain B)



Product : Router  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 4: Transmit - 802.11n-20BW\_14.4Mbps(2.4G Band) (2437MHz)

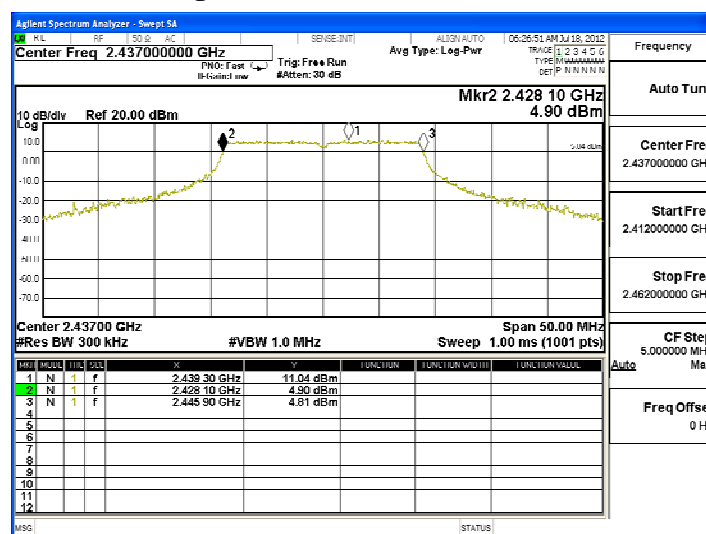
| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 6           | 2437.00         | 19600                   | >500                 | Pass   |

Figure Channel 6: (Chain A)



| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 6           | 2437.00         | 17800                   | >500                 | Pass   |

Figure Channel 6: (Chain B)



| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 11          | 2462.00         | 16500                   | >500                 | Pass   |

Agilent Spectrum Analyzer - Sweep 5A

Center Freq 2.46200000 GHz

RF 100.00 MHz

Span 50.00 MHz

Res BW 300 kHz

#BW 1.0 MHz

Sweep 1.00 ms (1001 pts)

Trig: Free Run

ATTN: 30 dB

Auto Type: Log-Pwr

02:50:08 AM Jul 18, 2012

Trace 1: 2.5 4.5 6

Type: N/A

Det: P N N N N N

Frequency

Auto Tune

Center Freq 2.46200000 GHz

Start Freq 2.43700000 GHz

Stop Freq 2.48700000 GHz

CF Step 5.000000 MHz

Auto Man

Freq Offset 0 Hz

10 dB/div Ref 20.00 dBm

Log

Mkr2 2.453 75 GHz

0.06 dBm

Center 2.46200 GHz

#Res BW 300 kHz

#BW 1.0 MHz

Span 50.00 MHz

| Min | Max | F1 | F2 | F           | P        | T | T | T | T |
|-----|-----|----|----|-------------|----------|---|---|---|---|
| 1   | N   | 1  | F  | 2.45735 GHz | 6.72 dBm |   |   |   |   |
| 2   | N   | 1  | F  | 2.45375 GHz | 0.06 dBm |   |   |   |   |
| 3   | N   | 1  | F  | 2.47025 GHz | 0.47 dBm |   |   |   |   |
| 4   |     |    |    |             |          |   |   |   |   |
| 5   |     |    |    |             |          |   |   |   |   |
| 6   |     |    |    |             |          |   |   |   |   |
| 7   |     |    |    |             |          |   |   |   |   |
| 8   |     |    |    |             |          |   |   |   |   |
| 9   |     |    |    |             |          |   |   |   |   |
| 10  |     |    |    |             |          |   |   |   |   |
| 11  |     |    |    |             |          |   |   |   |   |
| 12  |     |    |    |             |          |   |   |   |   |

MSO: Alignment Completed

STATUS

| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 11          | 2462.00         | 17850                   | >500                 | Pass   |

Agilent Spectrum Analyzer - Sweep SA

Center Freq 2.462000000 GHz

Span 50.00 MHz

Ref 20.00 dBm

Marker 2.462000000 GHz -1.22 dBm

Frequency

Auto Tune

Center Freq 2.462000000 GHz

Start Freq 2.437000000 GHz

Stop Freq 2.487000000 GHz

CF Step 5.0000000 MHz

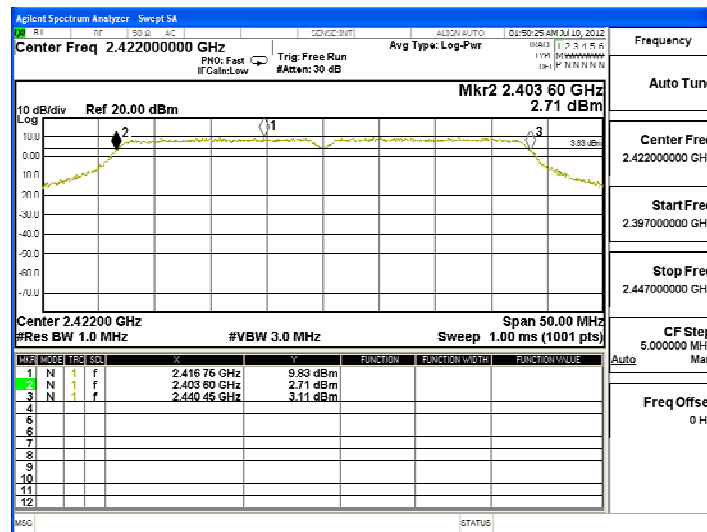
Auto

Freq Offset 0 Hz

Product : Router  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 5: Transmit - 802.11n-40BW\_30Mbps(2.4G Band) (2422MHz)

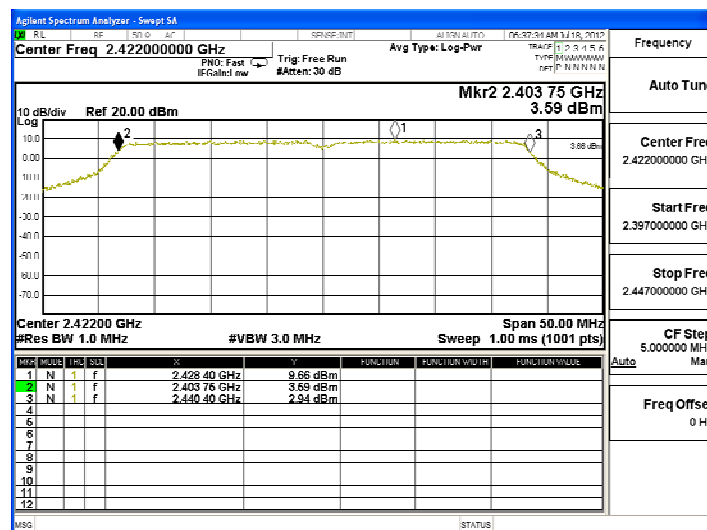
| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 1           | 2422.00         | 36850                   | >500                 | Pass   |

Figure Channel 1: (Chain A)



| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 1           | 2422.00         | 36650                   | >500                 | Pass   |

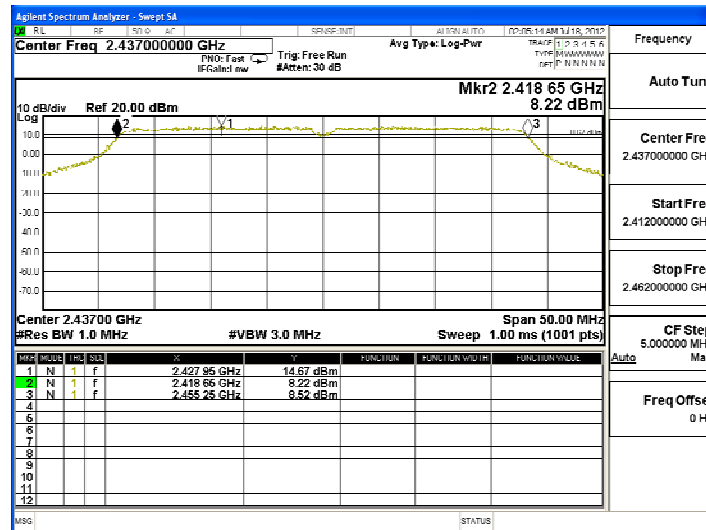
Figure Channel 1: (Chain B)



Product : Router  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 5: Transmit - 802.11n-40BW\_30Mbps(2.4G Band) (2437MHz)

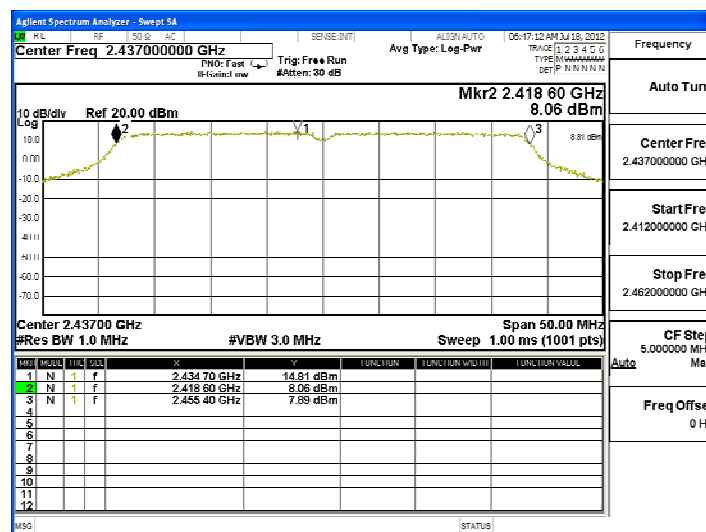
| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 4           | 2437.00         | 36600                   | >500                 | Pass   |

Figure Channel 4: (Chain A)



| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 4           | 2437.00         | 36800                   | >500                 | Pass   |

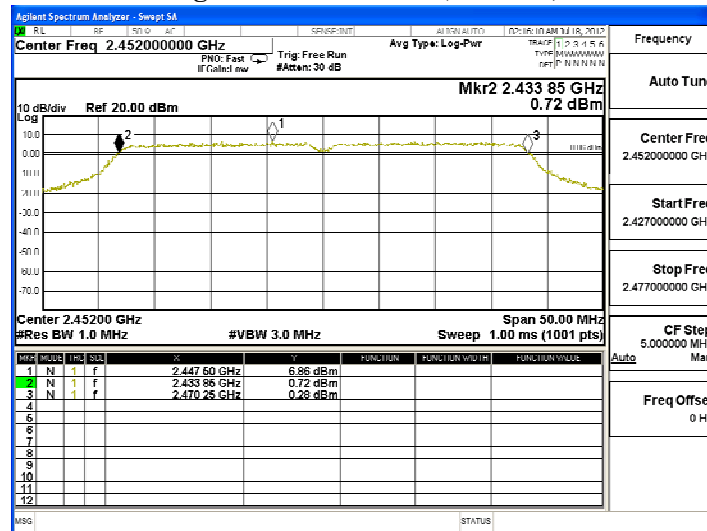
Figure Channel 4: (Chain B)



Product : Router  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 5: Transmit - 802.11n-40BW\_30Mbps(2.4G Band) (2452MHz)

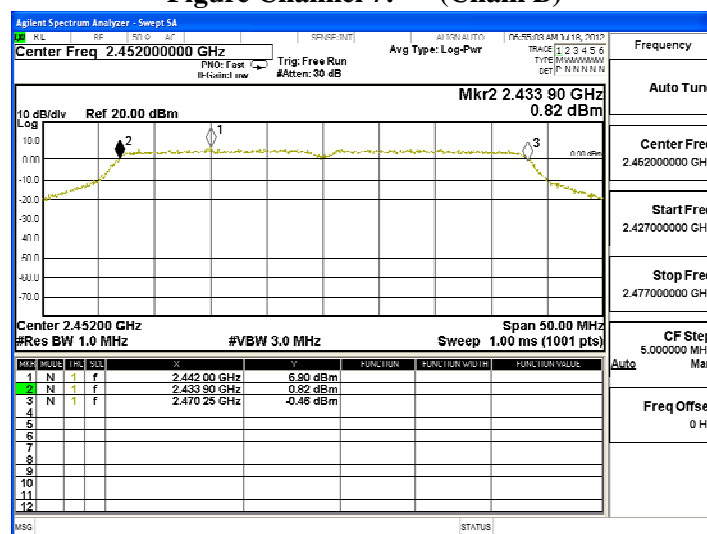
| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 7           | 2452.00         | 36400                   | >500                 | Pass   |

Figure Channel 7: (Chain A)



| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 7           | 2452.00         | 36350                   | >500                 | Pass   |

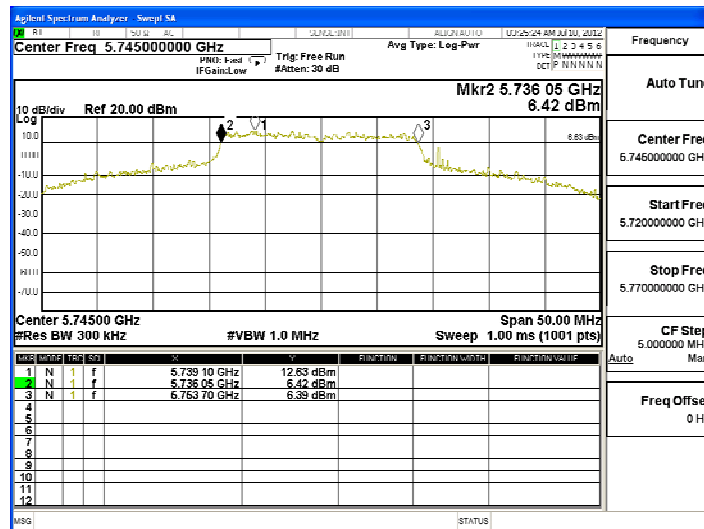
Figure Channel 7: (Chain B)



Product : Router  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 6: Transmit - 802.11n-20BW\_14.4Mbps(5G Band) (5745MHz)

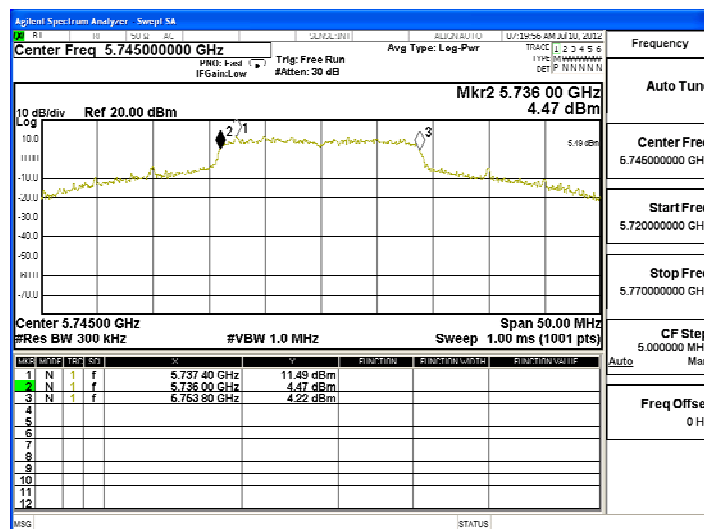
| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 149         | 5745.00         | 17650                   | >500                 | Pass   |

Figure Channel 149: (Chain A)



| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 149         | 5745.00         | 17800                   | >500                 | Pass   |

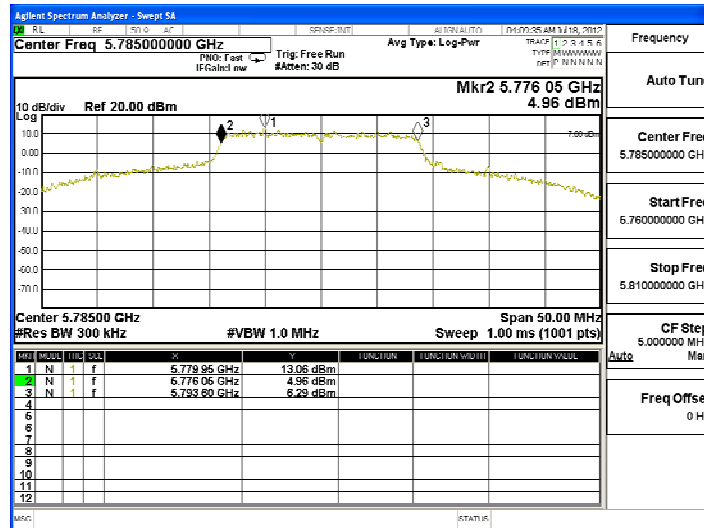
Figure Channel 149: (Chain B)



Product : Router  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 6: Transmit - 802.11n-20BW\_14.4Mbps(5G Band) (5785MHz)

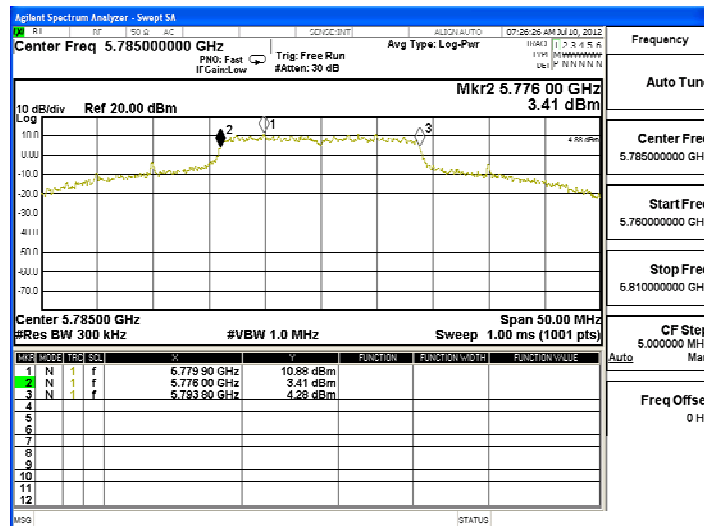
| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 157         | 5785.00         | 17550                   | >500                 | Pass   |

Figure Channel 157: (Chain A)



| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 157         | 5785.00         | 17800                   | >500                 | Pass   |

Figure Channel 157: (Chain B)

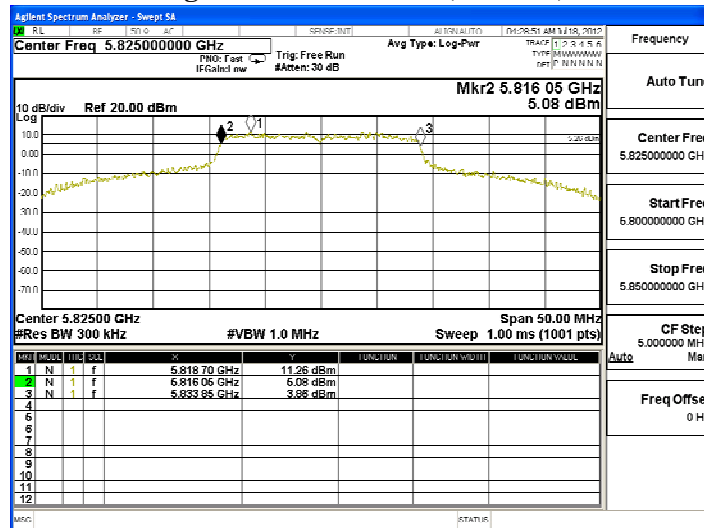




Product : Router  
 Test Item : Occupied Bandwidth Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 6: Transmit - 802.11n-20BW\_14.4Mbps(5G Band) (5825MHz)

| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 165         | 5825.00         | 17800                   | >500                 | Pass   |

Figure Channel 165: (Chain A)



| Channel No. | Frequency (MHz) | Measurement Level (kHz) | Required Limit (kHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 165         | 5825.00         | 17750                   | >500                 | Pass   |

Figure Channel 165: (Chain B)

