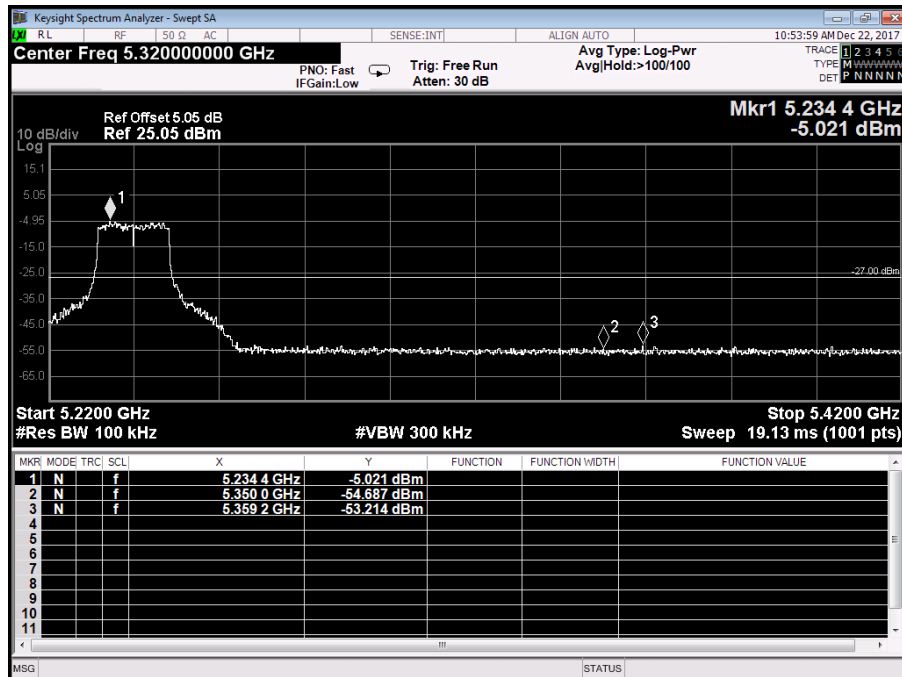
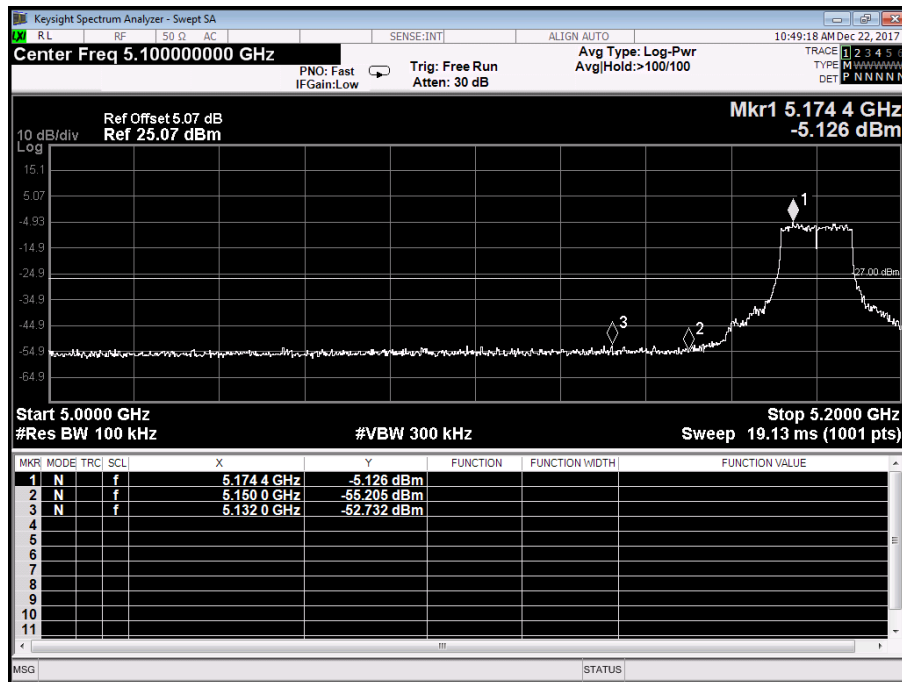
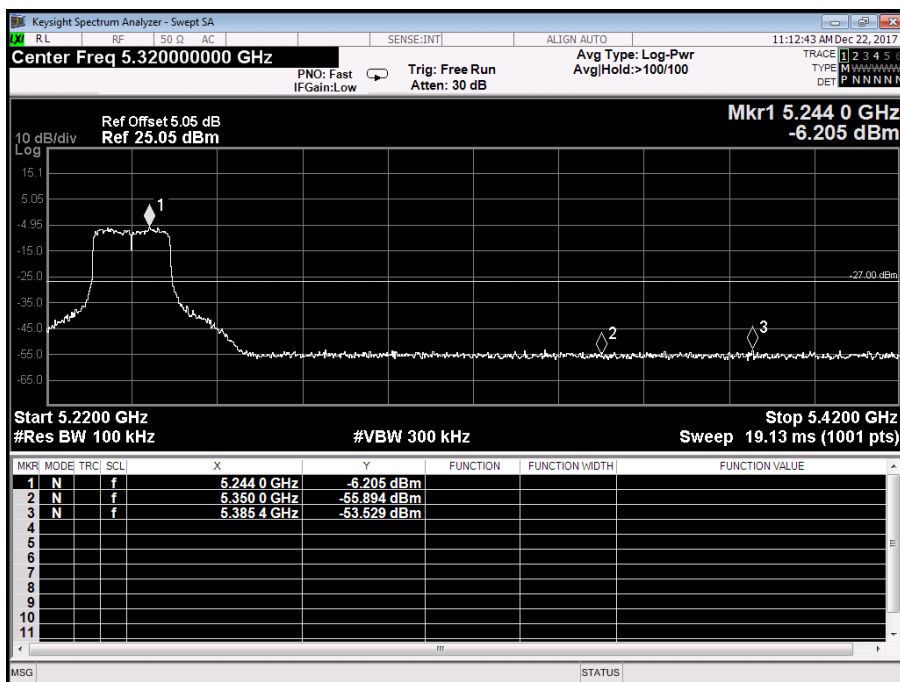
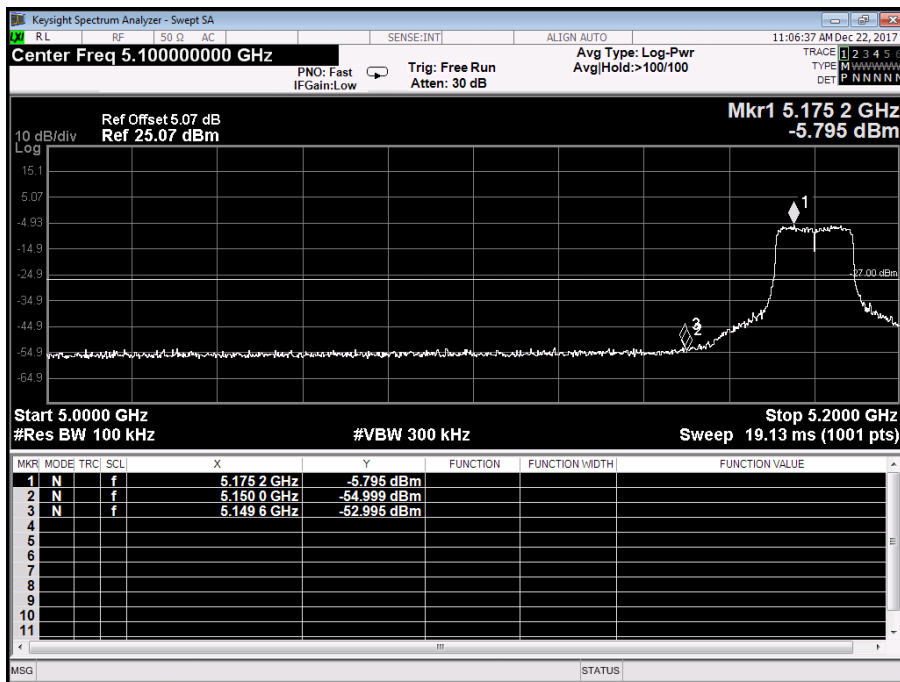


## (2) Conducted Test

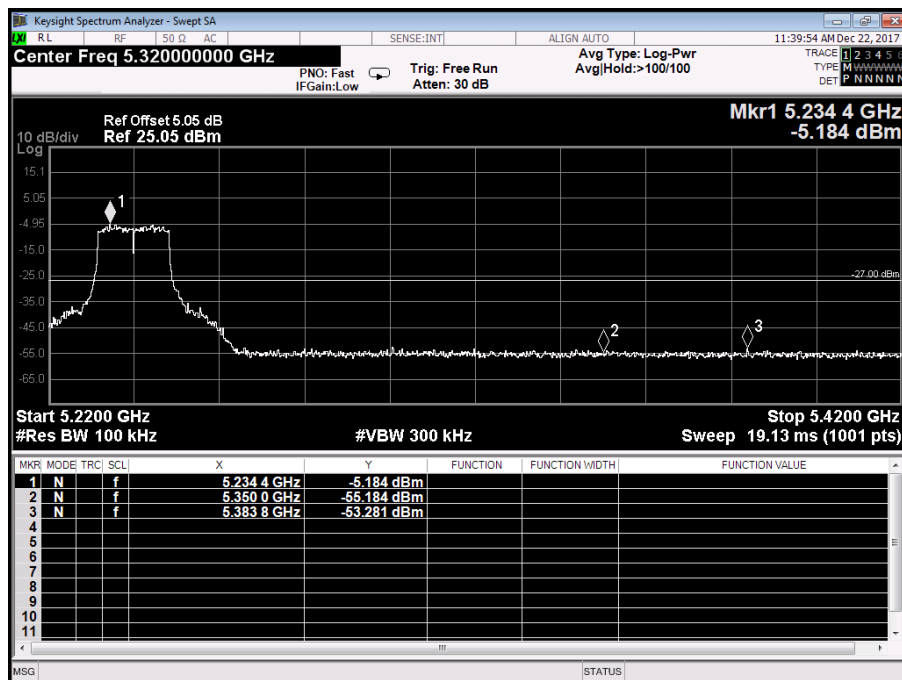
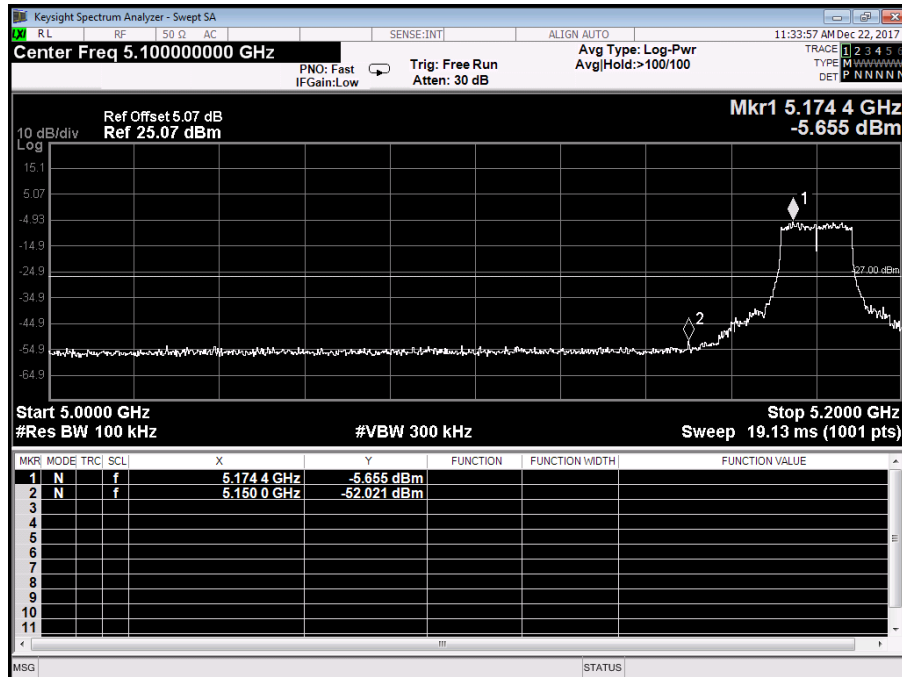
|               |                                                        |                    |     |
|---------------|--------------------------------------------------------|--------------------|-----|
| Temperature:  | 25 °C                                                  | Relative Humidity: | 55% |
| Test Voltage: | DC 3.7V                                                |                    |     |
| Test Mode:    | TX 802.11a mode(U-NII-1) 5180 /5240MHz                 |                    |     |
| Remark:       | The EUT is programed in continuously transmitting mode |                    |     |



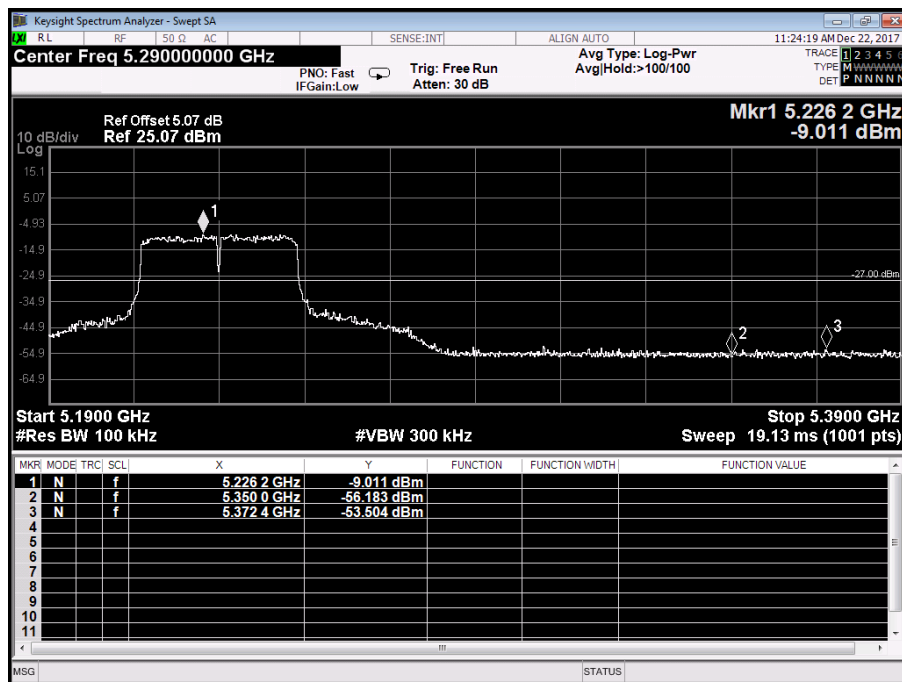
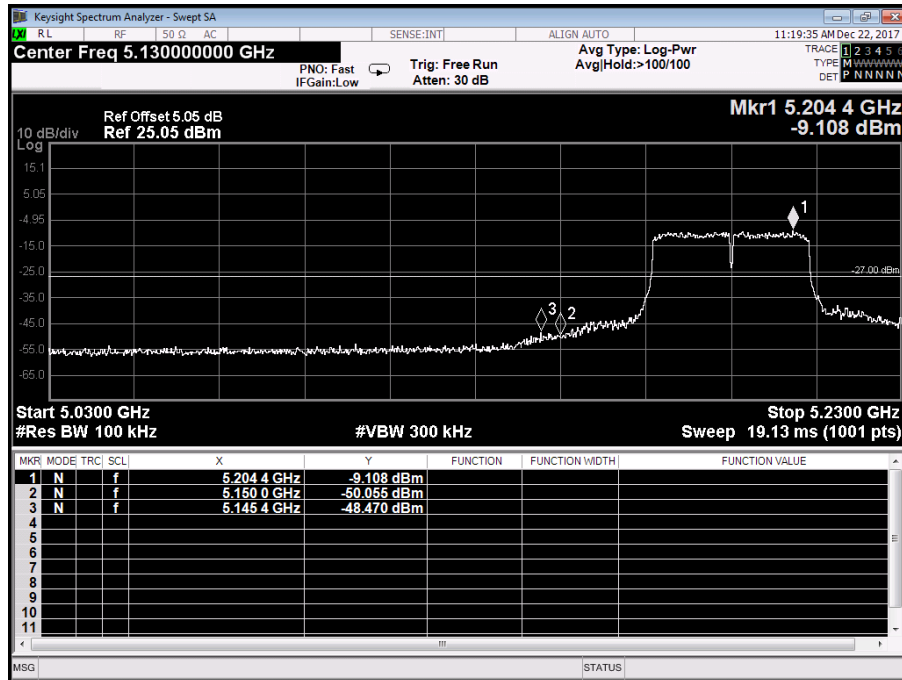
|               |                                                         |                    |     |
|---------------|---------------------------------------------------------|--------------------|-----|
| Temperature:  | 25 °C                                                   | Relative Humidity: | 55% |
| Test Voltage: | DC 3.7V                                                 |                    |     |
| Test Mode:    | TX 802.11n(20) mode(U-NII-1) 5180 /5240MHz              |                    |     |
| Remark:       | The EUT is programmed in continuously transmitting mode |                    |     |



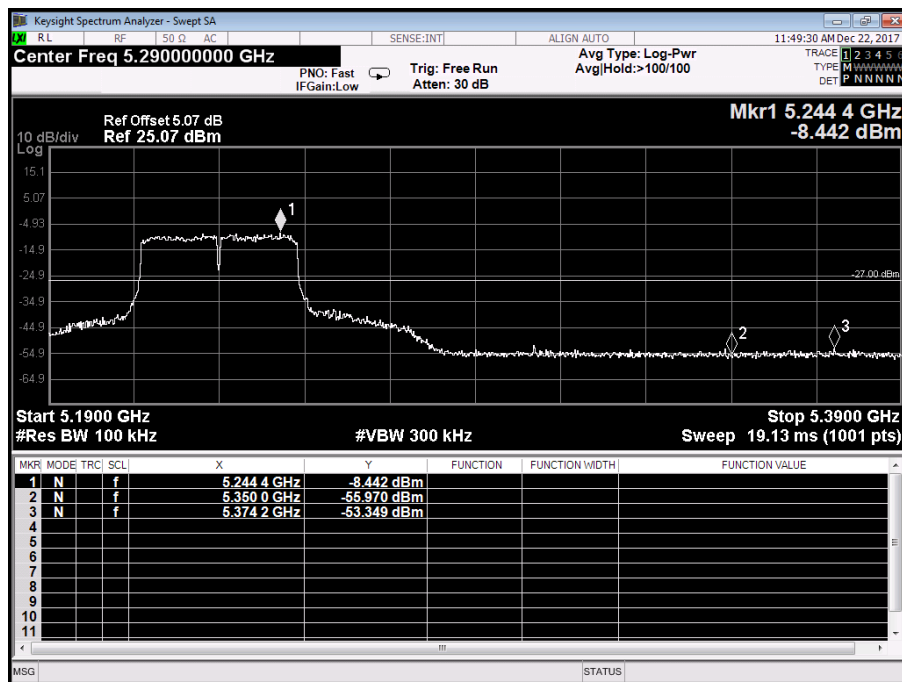
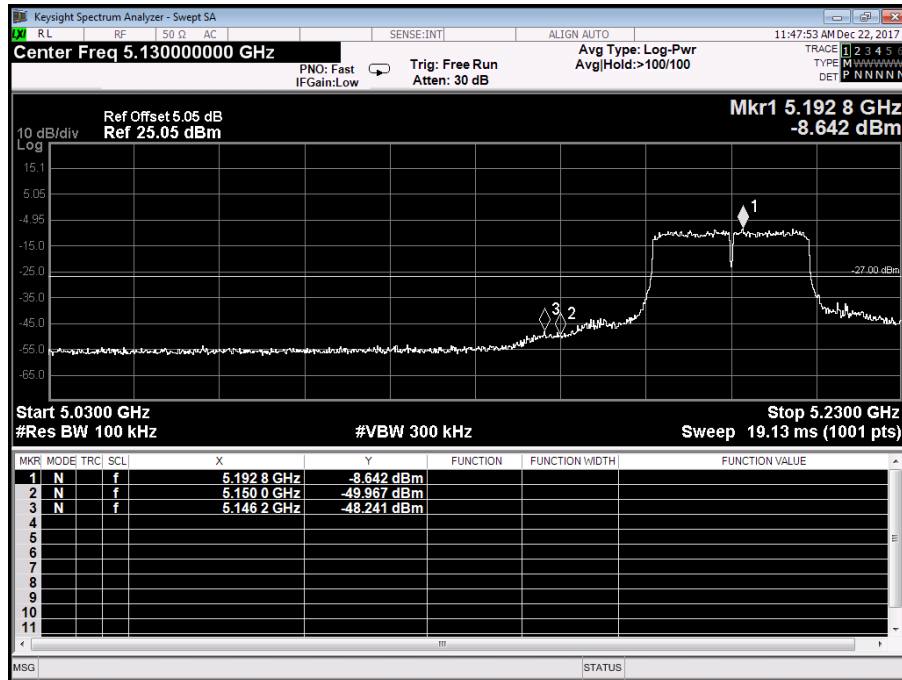
|               |                                                        |                    |     |
|---------------|--------------------------------------------------------|--------------------|-----|
| Temperature:  | 25 °C                                                  | Relative Humidity: | 55% |
| Test Voltage: | DC 3.7V                                                |                    |     |
| Test Mode:    | TX 802.11ac(20) mode(U-NII-1) 5180 / 5240MHz           |                    |     |
| Remark:       | The EUT is programed in continuously transmitting mode |                    |     |



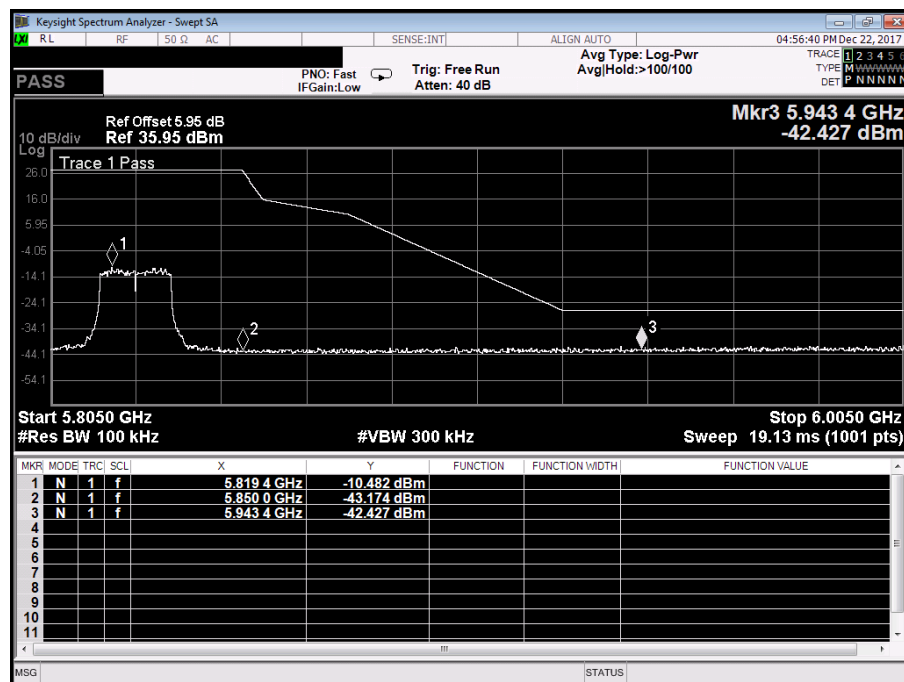
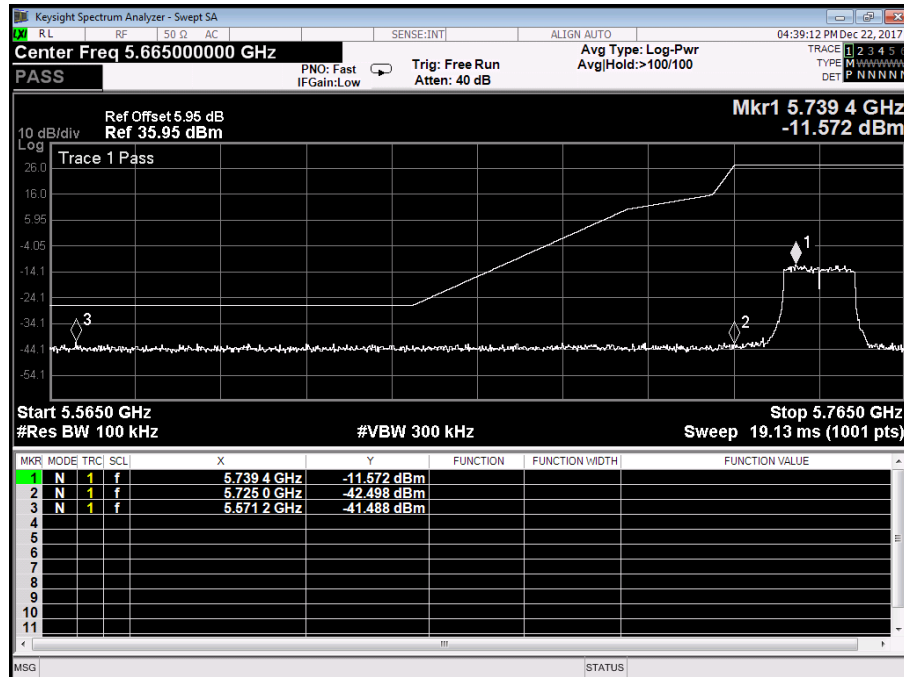
|               |                                                        |                    |     |
|---------------|--------------------------------------------------------|--------------------|-----|
| Temperature:  | 25 °C                                                  | Relative Humidity: | 55% |
| Test Voltage: | DC 3.7V                                                |                    |     |
| Test Mode:    | TX 802.11n(40) mode(U-NII-1) 5190 / 5230MHz            |                    |     |
| Remark:       | The EUT is programed in continuously transmitting mode |                    |     |



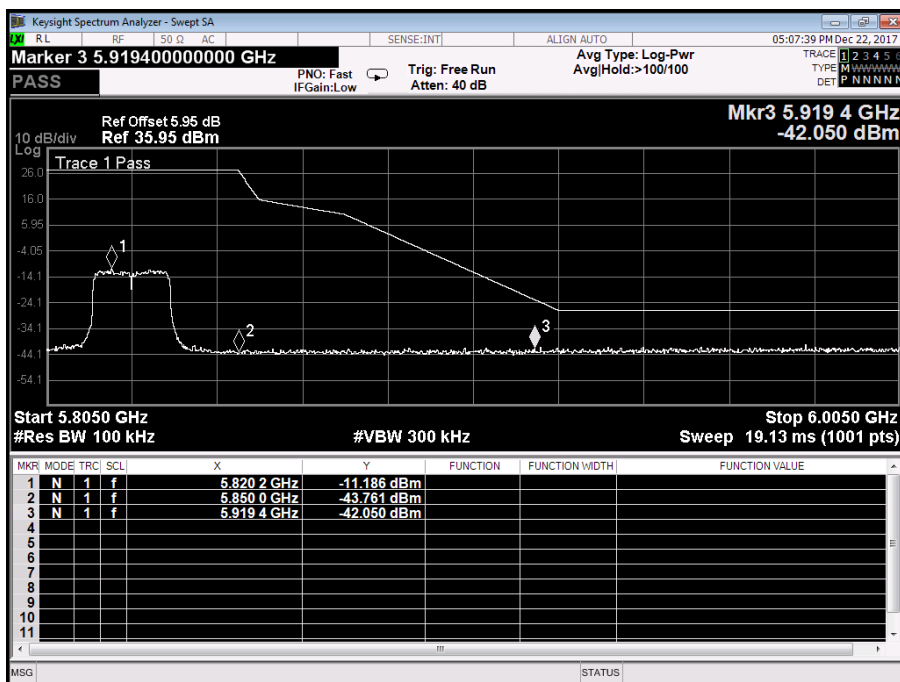
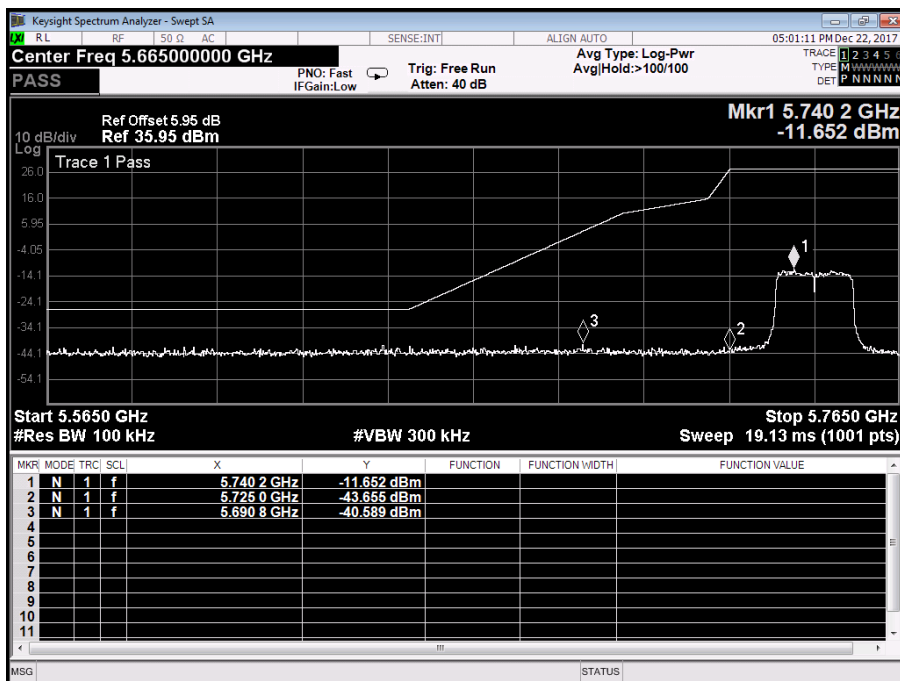
|               |                                                        |                    |     |
|---------------|--------------------------------------------------------|--------------------|-----|
| Temperature:  | 25 °C                                                  | Relative Humidity: | 55% |
| Test Voltage: | DC 3.7V                                                |                    |     |
| Test Mode:    | TX 802.11ac(40) mode(U-NII-1) 5190 / 5230MHz           |                    |     |
| Remark:       | The EUT is programed in continuously transmitting mode |                    |     |



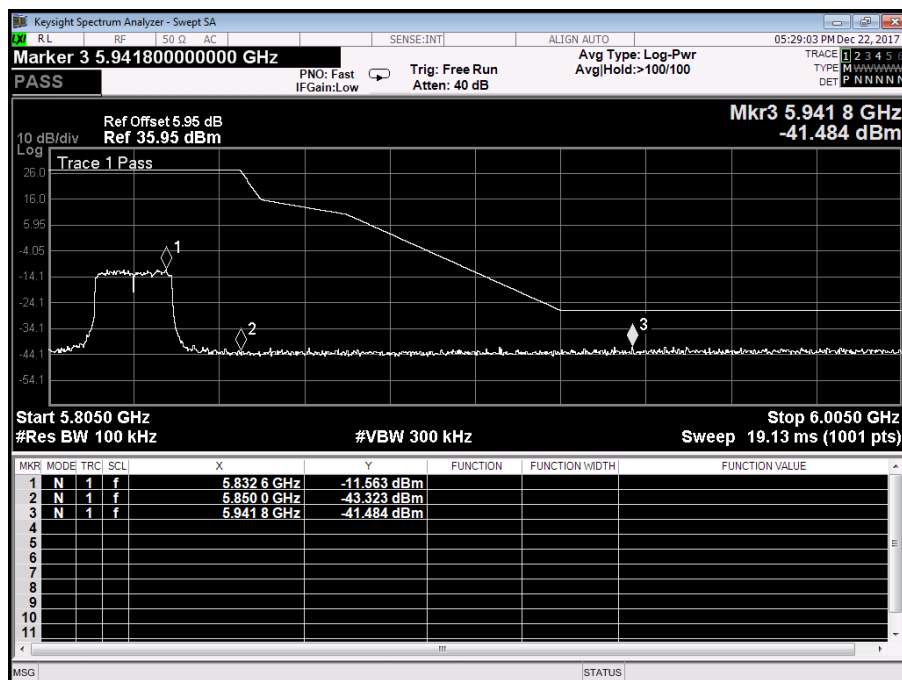
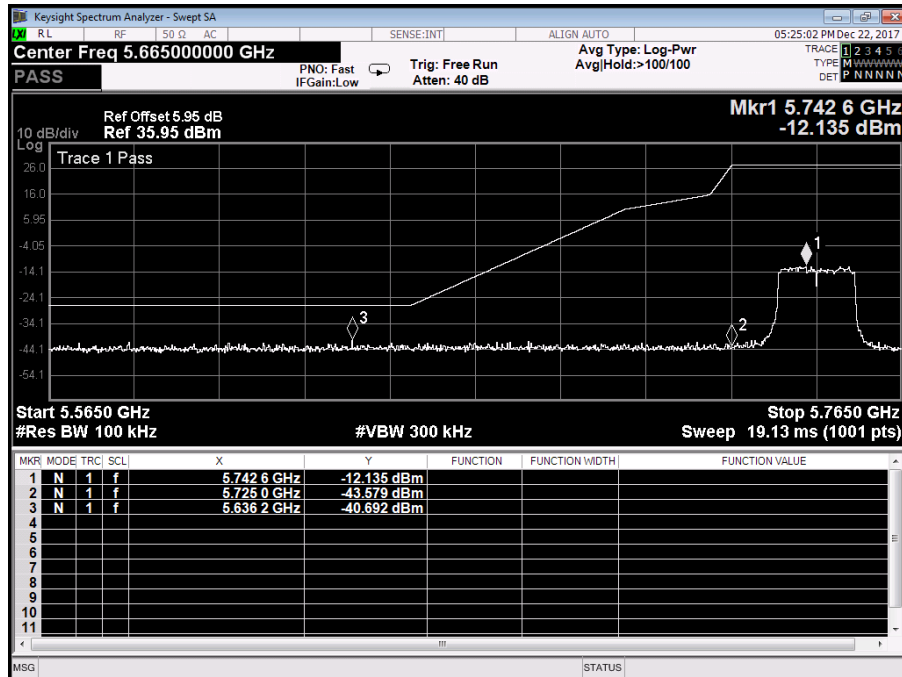
|               |                                                        |                    |     |
|---------------|--------------------------------------------------------|--------------------|-----|
| Temperature:  | 25 °C                                                  | Relative Humidity: | 55% |
| Test Voltage: | DC 3.7V                                                |                    |     |
| Test Mode:    | TX 802.11a Mode 5745MHz /5825MHz (U-NII-3)             |                    |     |
| Remark:       | The EUT is programed in continuously transmitting mode |                    |     |



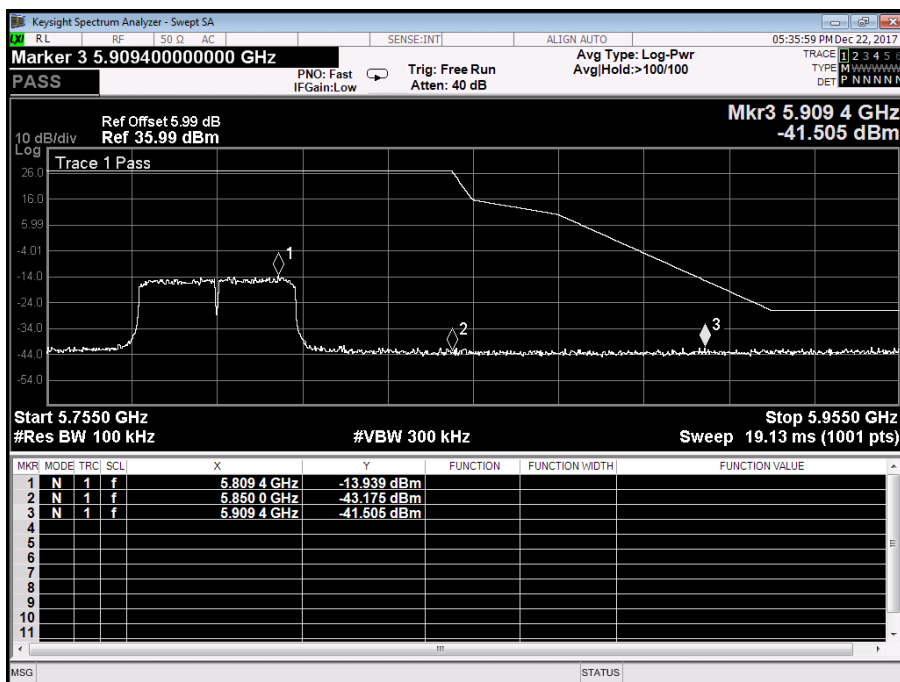
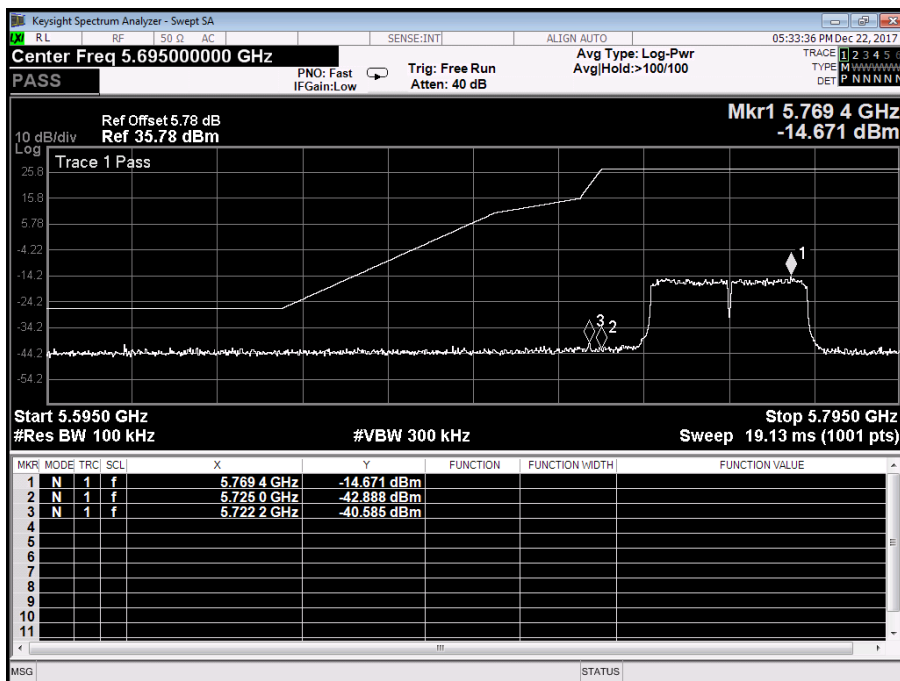
|               |                                                        |                    |     |
|---------------|--------------------------------------------------------|--------------------|-----|
| Temperature:  | 25 °C                                                  | Relative Humidity: | 55% |
| Test Voltage: | DC 3.7V                                                |                    |     |
| Test Mode:    | TX 802.11n(20) Mode 5745MHz /5825MHz (U-NII-3)         |                    |     |
| Remark:       | The EUT is programed in continuously transmitting mode |                    |     |



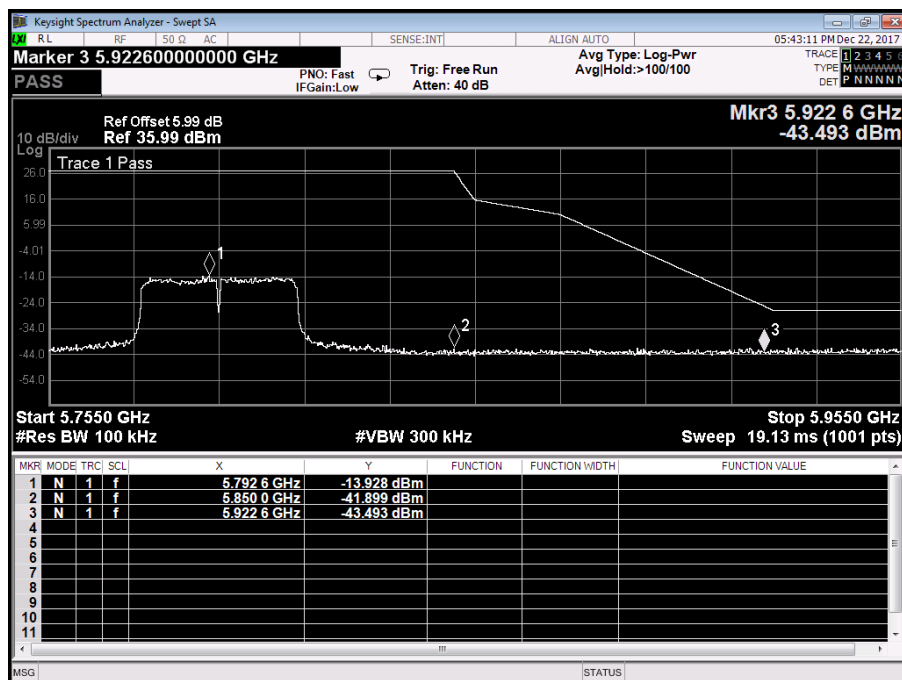
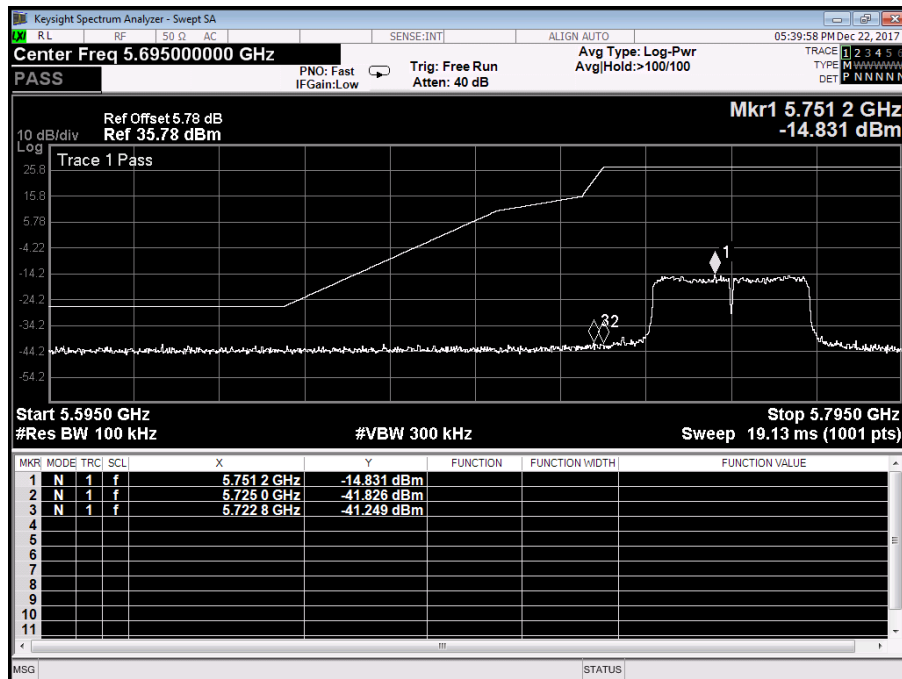
|               |                                                        |                    |     |
|---------------|--------------------------------------------------------|--------------------|-----|
| Temperature:  | 25 °C                                                  | Relative Humidity: | 55% |
| Test Voltage: | DC 3.7V                                                |                    |     |
| Test Mode:    | TX 802.11ac(20) Mode 5745MHz /5825MHz (U-NII-3)        |                    |     |
| Remark:       | The EUT is programed in continuously transmitting mode |                    |     |



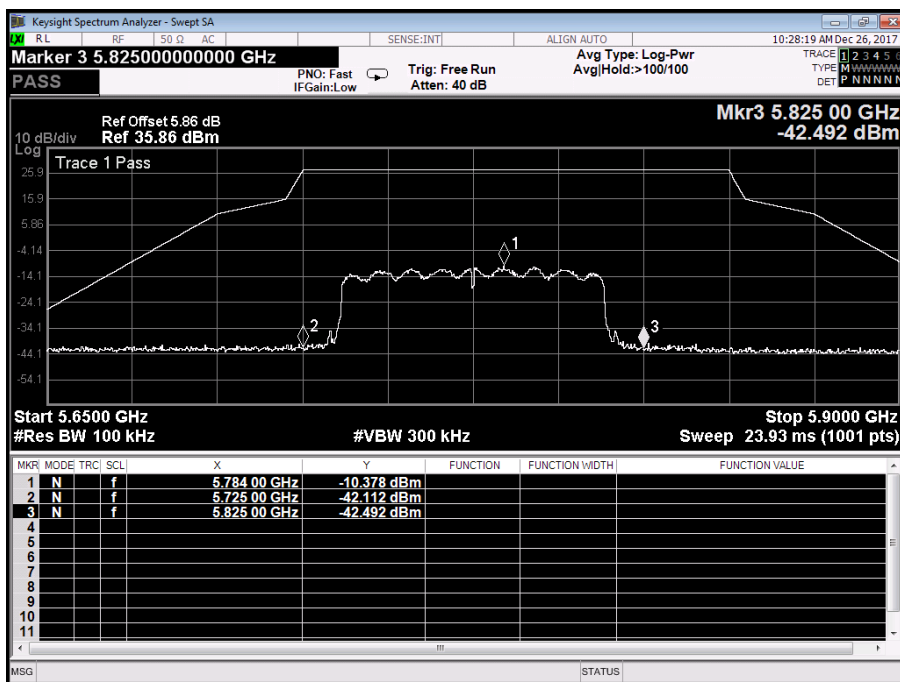
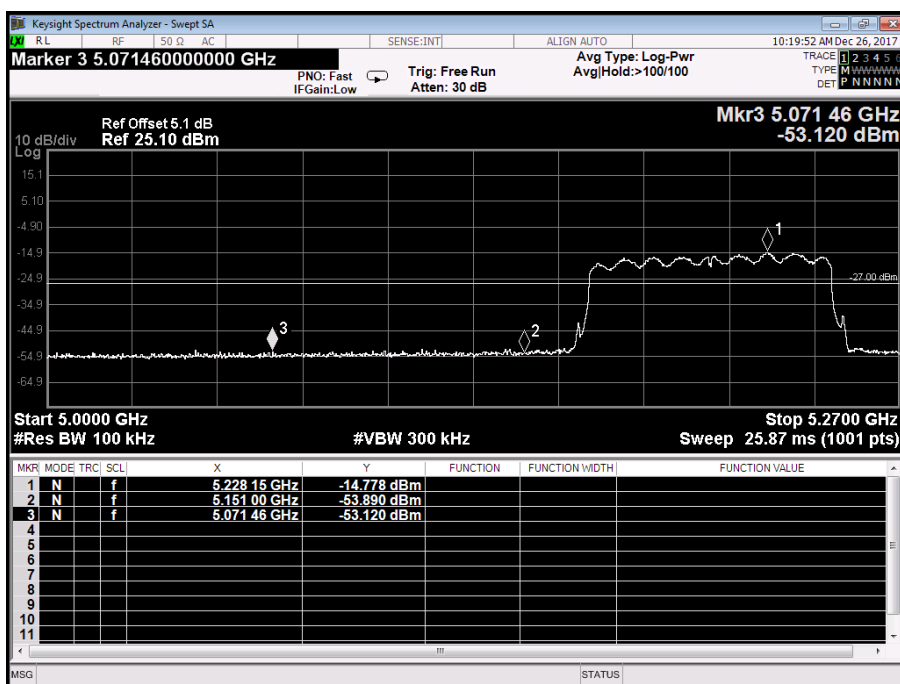
|               |                                                        |                    |     |
|---------------|--------------------------------------------------------|--------------------|-----|
| Temperature:  | 25 °C                                                  | Relative Humidity: | 55% |
| Test Voltage: | DC 3.7V                                                |                    |     |
| Test Mode:    | TX 802.11n(40) Mode 5755MHz/5795 (U-NII-3)             |                    |     |
| Remark:       | The EUT is programed in continuously transmitting mode |                    |     |



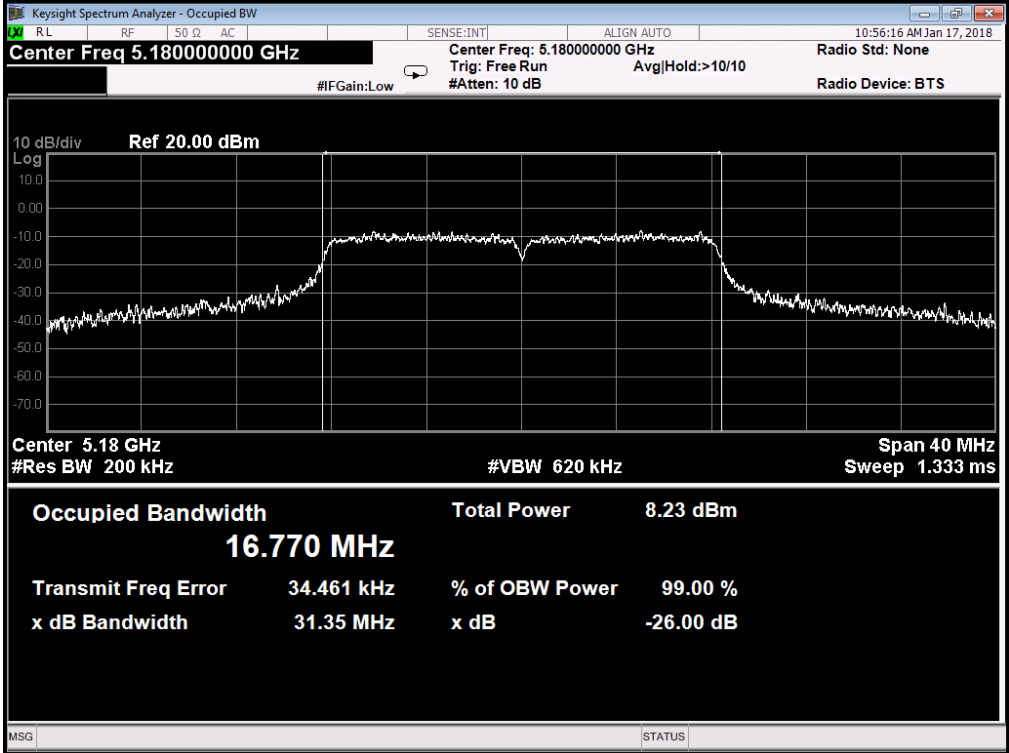
|               |                                                        |                    |     |
|---------------|--------------------------------------------------------|--------------------|-----|
| Temperature:  | 25 °C                                                  | Relative Humidity: | 55% |
| Test Voltage: | DC 3.7V                                                |                    |     |
| Test Mode:    | TX 802.11ac(40) Mode 5755MHz/5795 (U-NII-3)            |                    |     |
| Remark:       | The EUT is programed in continuously transmitting mode |                    |     |



|               |                                                                                  |                    |     |
|---------------|----------------------------------------------------------------------------------|--------------------|-----|
| Temperature:  | 25 °C                                                                            | Relative Humidity: | 55% |
| Test Voltage: | DC 3.7V                                                                          |                    |     |
| Test Mode:    | TX 802.11ac(80) Mode 5210MHz (U-NII-1)<br>TX 802.11ac(80) Mode 5775MHz (U-NII-3) |                    |     |
| Remark:       | The EUT is programed in continuously transmitting mode                           |                    |     |

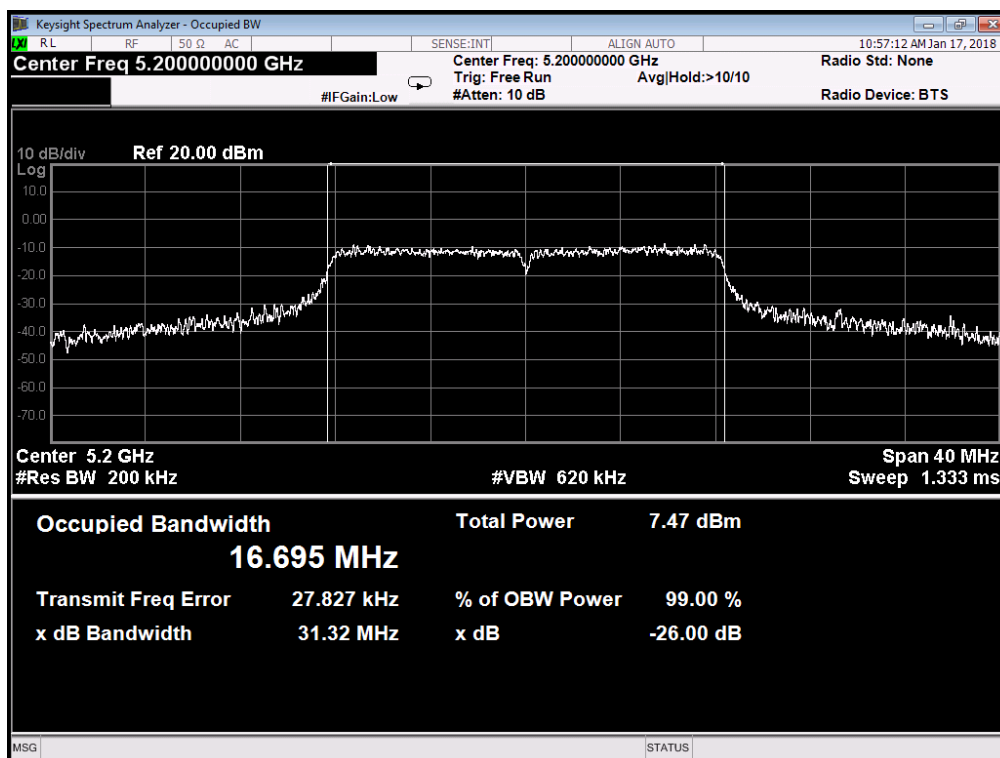


## Attachment D-- Bandwidth Test Data

| Temperature:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 25 °C                     | Relative Humidity:   | 55%                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------|---------------------|
| Test Voltage:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | DC 3.7V                   |                      |                     |
| Test Mode:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | TX 802.11a Mode (U-NII-1) |                      |                     |
| Channel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Frequency (MHz)           | 26dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5180                      | 31.35                | 16.770              |
| 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5200                      | 31.32                | 16.695              |
| 48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5240                      | 26.93                | 16.671              |
| <b>802.11a Mode</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           |                      |                     |
| <b>5180 MHz</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                           |                      |                     |
|  <p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.18000000 GHz</p> <p>Center Freq: 5.18000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: &gt;10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>#IFGain: Low</p> <p>#Atten: 10 dB</p> <p>10 dB/div</p> <p>Ref 20.00 dBm</p> <p>Center 5.18 GHz</p> <p>#Res BW 200 kHz</p> <p>#VBW 620 kHz</p> <p>Span 40 MHz</p> <p>Sweep 1.333 ms</p> <p><b>Occupied Bandwidth</b></p> <p><b>16.770 MHz</b></p> <p><b>Total Power</b> 8.23 dBm</p> <p>Transmit Freq Error 34.461 kHz</p> <p>% of OBW Power 99.00 %</p> <p>x dB Bandwidth 31.35 MHz</p> <p>x dB -26.00 dB</p> |                           |                      |                     |

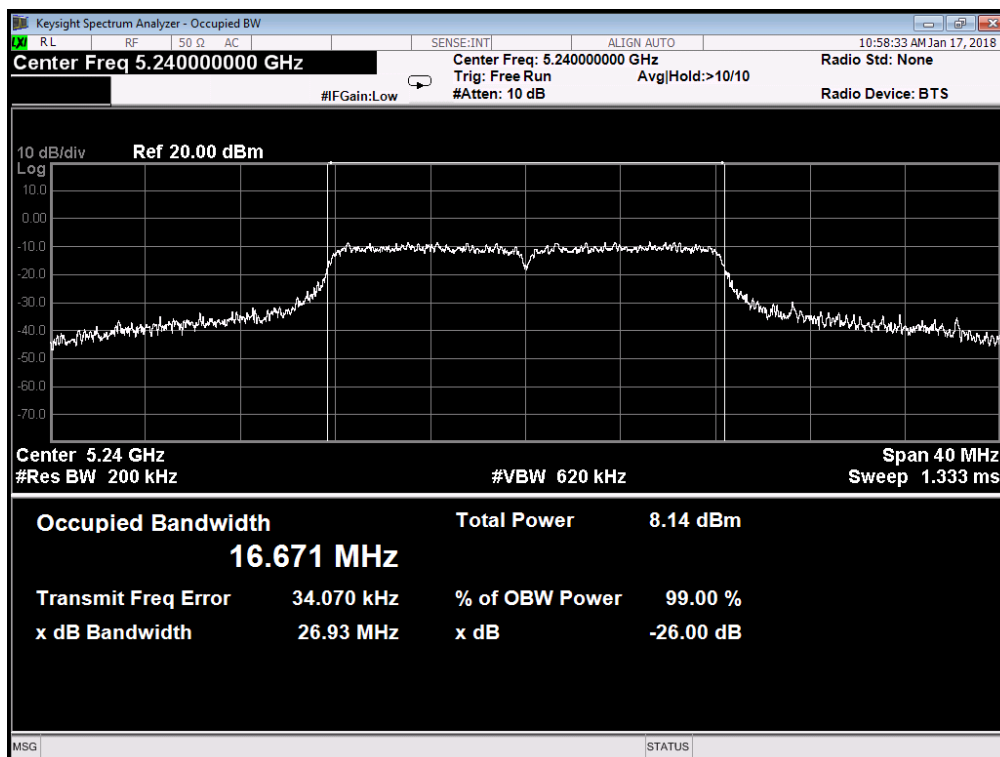
# 802.11a Mode

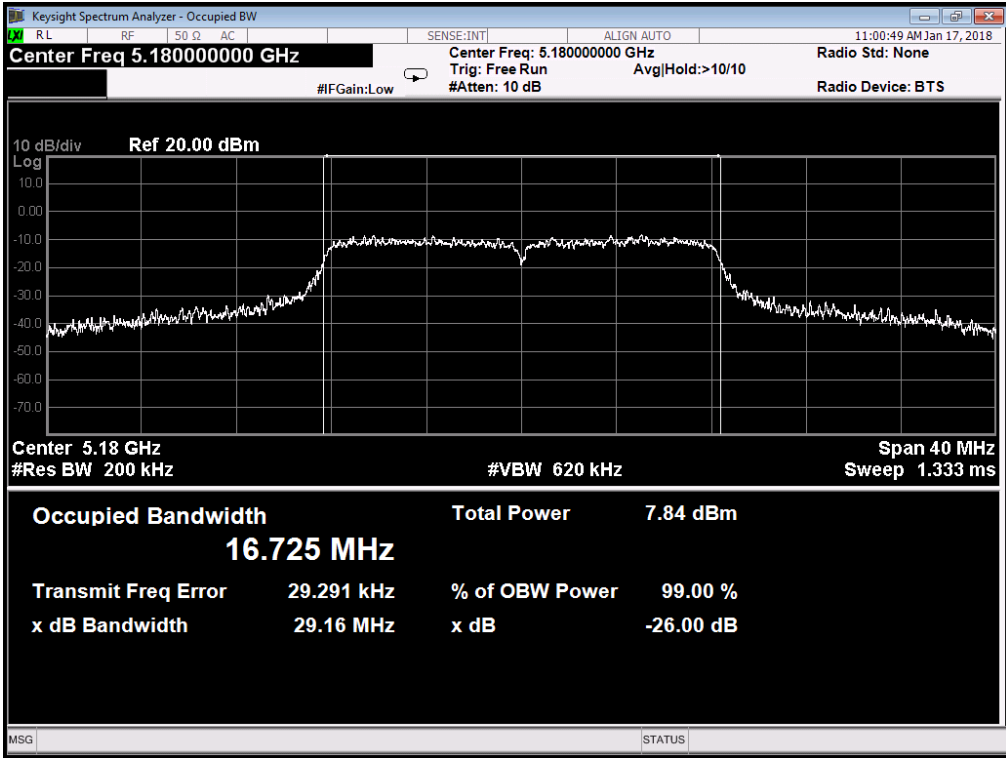
5200 MHz



# 802.11a Mode

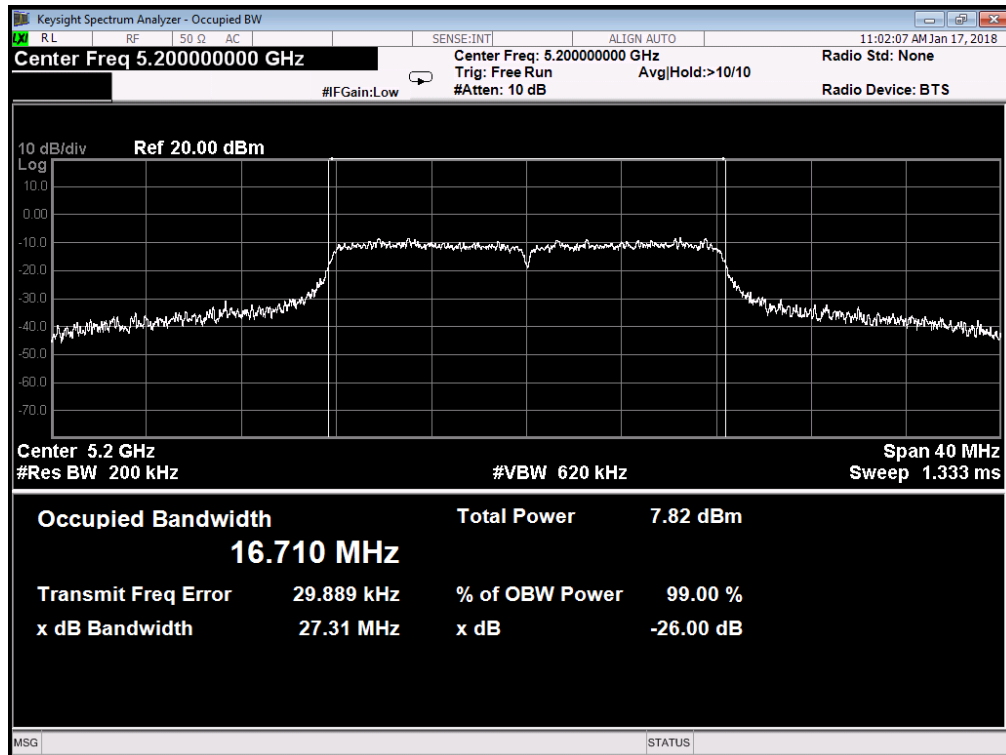
5240 MHz



| Temperature:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 25 °C                           | Relative Humidity:   | 55%                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------|---------------------|
| Test Voltage:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DC 3.7V                         |                      |                     |
| Test Mode:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | TX 802.11n(HT20) Mode (U-NII-1) |                      |                     |
| Channel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Frequency (MHz)                 | 26dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5180                            | 29.16                | 16.725              |
| 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5200                            | 27.31                | 16.710              |
| 48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5240                            | 25.44                | 16.649              |
| 802.11n(HT20) Mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                 |                      |                     |
| 5180 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                 |                      |                     |
|  <p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.18000000 GHz</p> <p>Center Freq: 5.180000000 GHz</p> <p>Trig: Free Run</p> <p>#Gain: Low</p> <p>#Atten: 10 dB</p> <p>Avg Hold: &gt;10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>10 dB/div</p> <p>Ref 20.00 dBm</p> <p>Center 5.18 GHz</p> <p>#Res BW 200 kHz</p> <p>#VBW 620 kHz</p> <p>Span 40 MHz</p> <p>Sweep 1.333 ms</p> <p>Occupied Bandwidth 16.725 MHz</p> <p>Total Power 7.84 dBm</p> <p>Transmit Freq Error 29.291 kHz</p> <p>% of OBW Power 99.00 %</p> <p>x dB Bandwidth 29.16 MHz</p> <p>x dB -26.00 dB</p> |                                 |                      |                     |

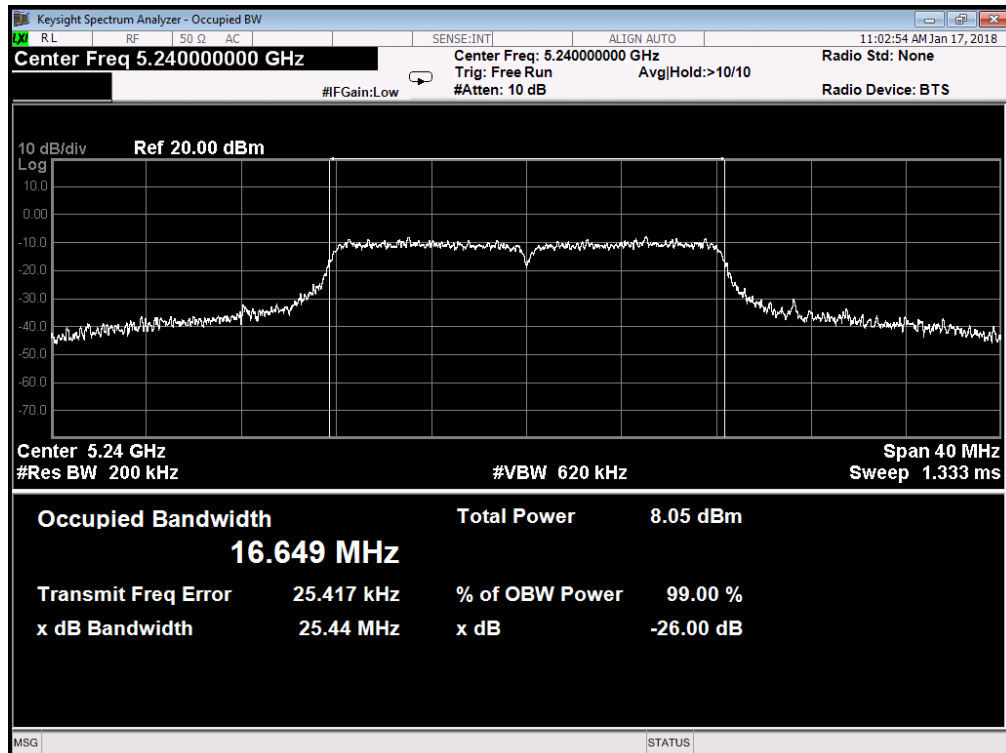
## 802.11n(HT20) Mode

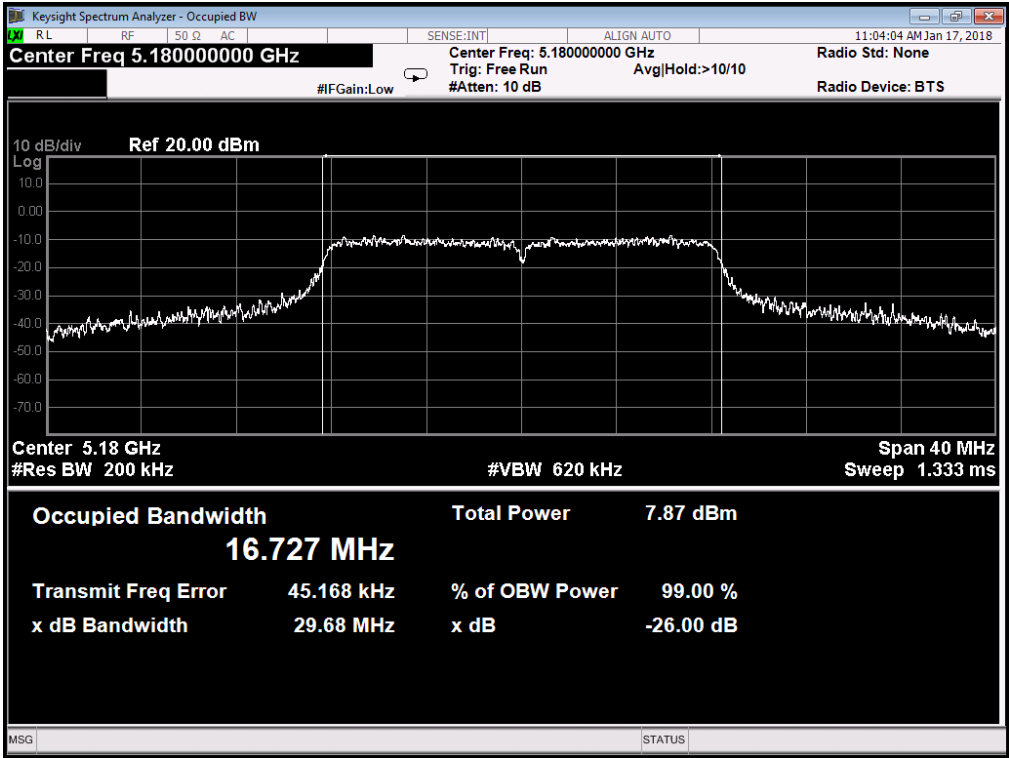
5200 MHz



## 802.11n(HT20) Mode

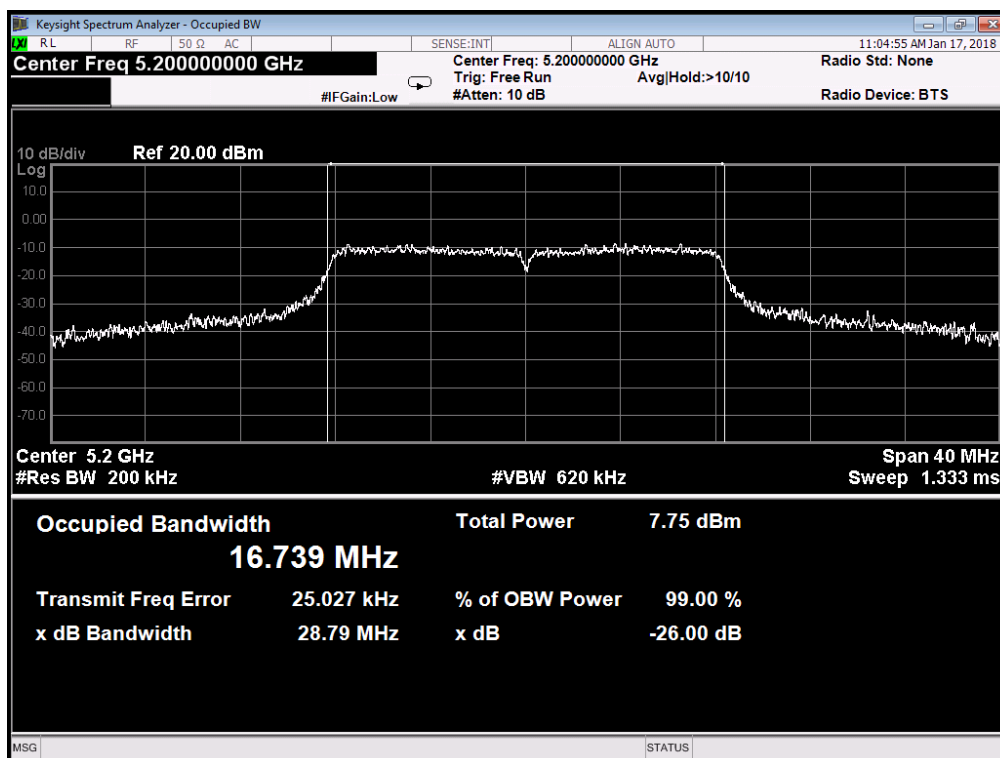
5240 MHz



| Temperature:                                                                        | 25 °C                          | Relative Humidity:   | 55%                 |
|-------------------------------------------------------------------------------------|--------------------------------|----------------------|---------------------|
| Test Voltage:                                                                       | DC 3.7V                        |                      |                     |
| Test Mode:                                                                          | TX 802.11ac(20) Mode (U-NII-1) |                      |                     |
| Channel                                                                             | Frequency (MHz)                | 26dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 36                                                                                  | 5180                           | 29.68                | 16.727              |
| 40                                                                                  | 5200                           | 28.79                | 16.739              |
| 48                                                                                  | 5240                           | 24.75                | 16.664              |
| 802.11ac(20) Mode                                                                   |                                |                      |                     |
| 5180 MHz                                                                            |                                |                      |                     |
|  |                                |                      |                     |

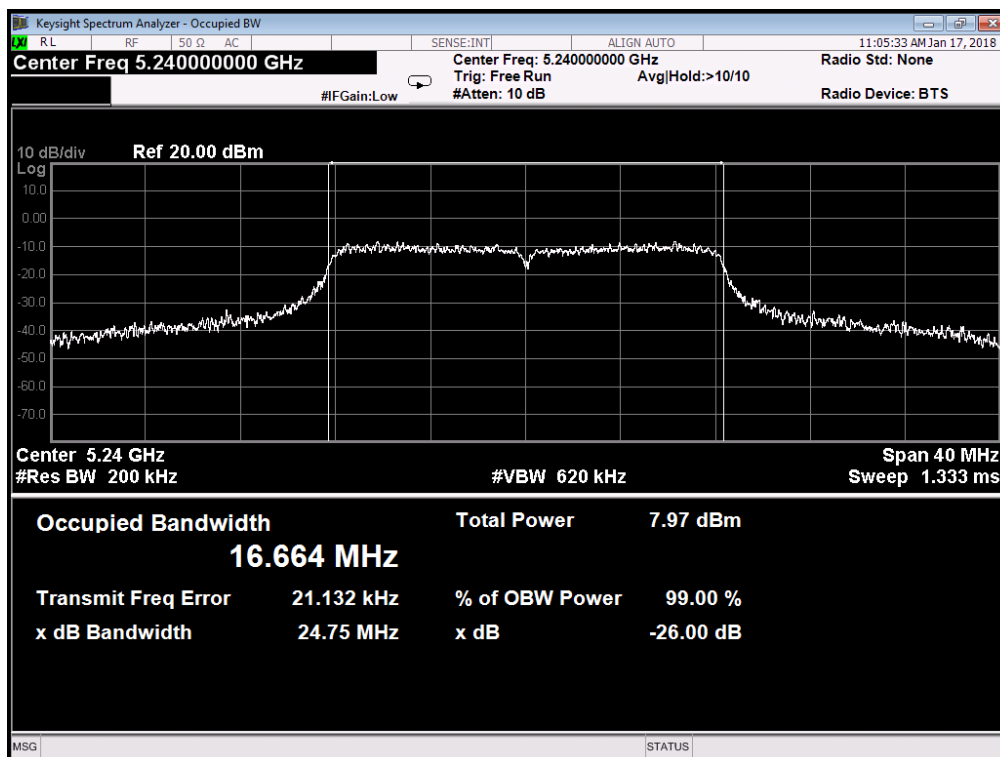
802.11ac(20) Mode

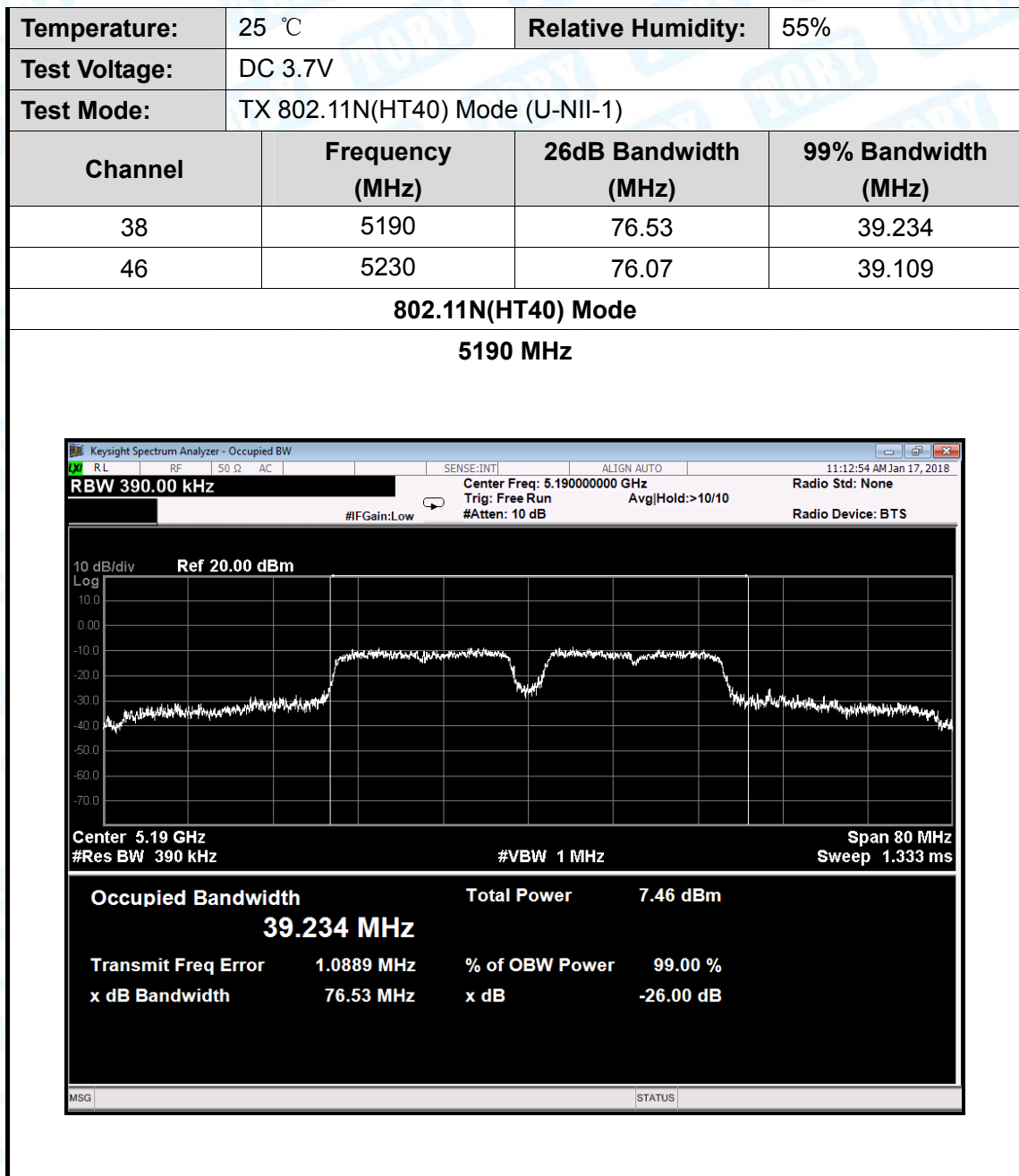
5200 MHz

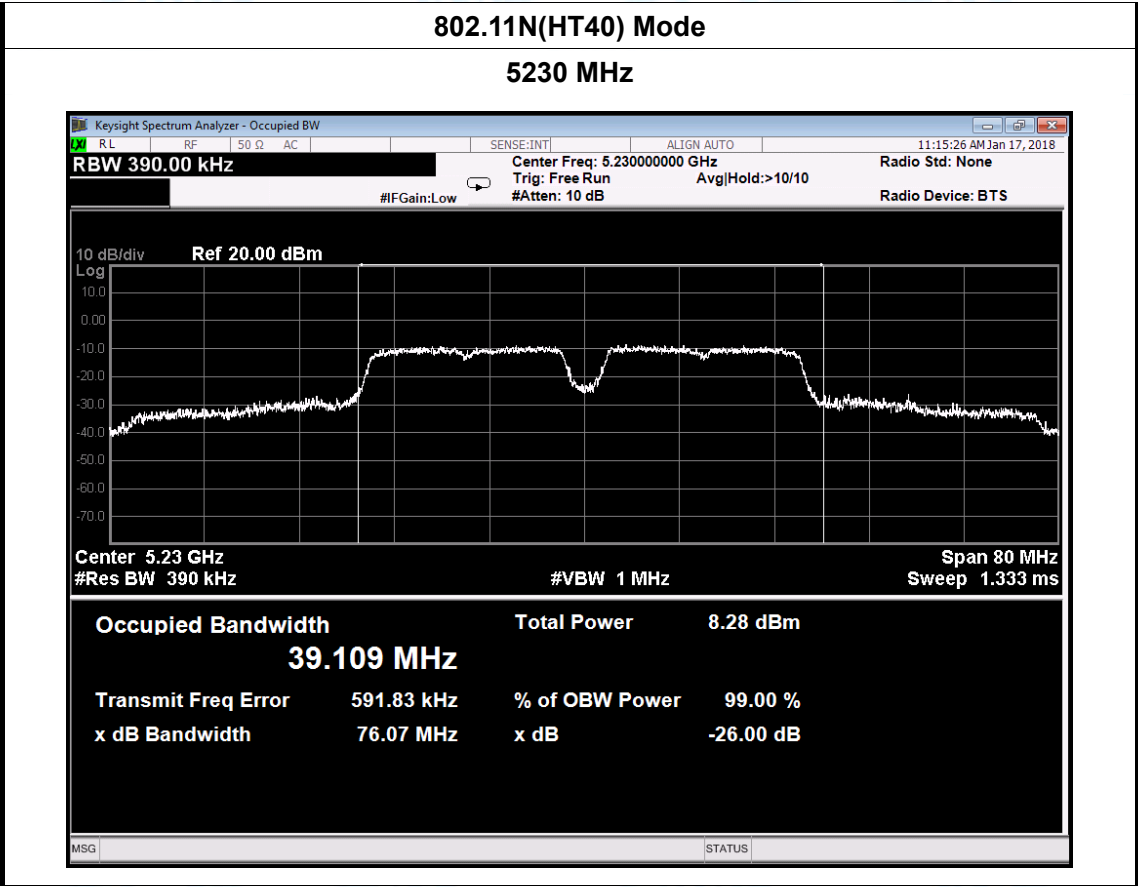


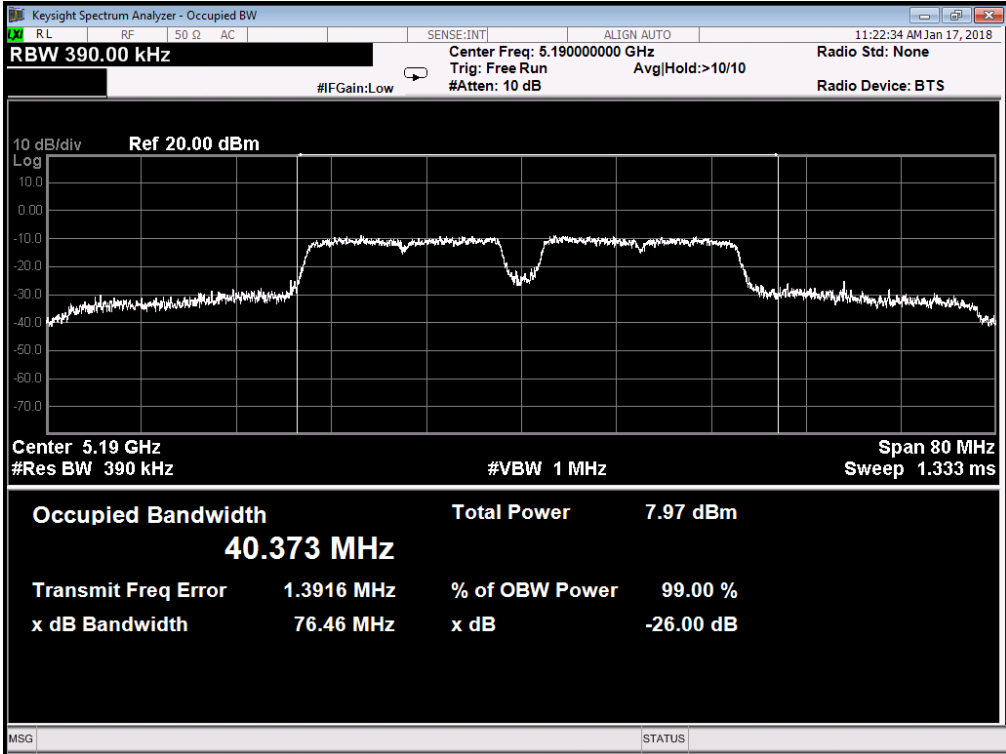
802.11ac(20) Mode

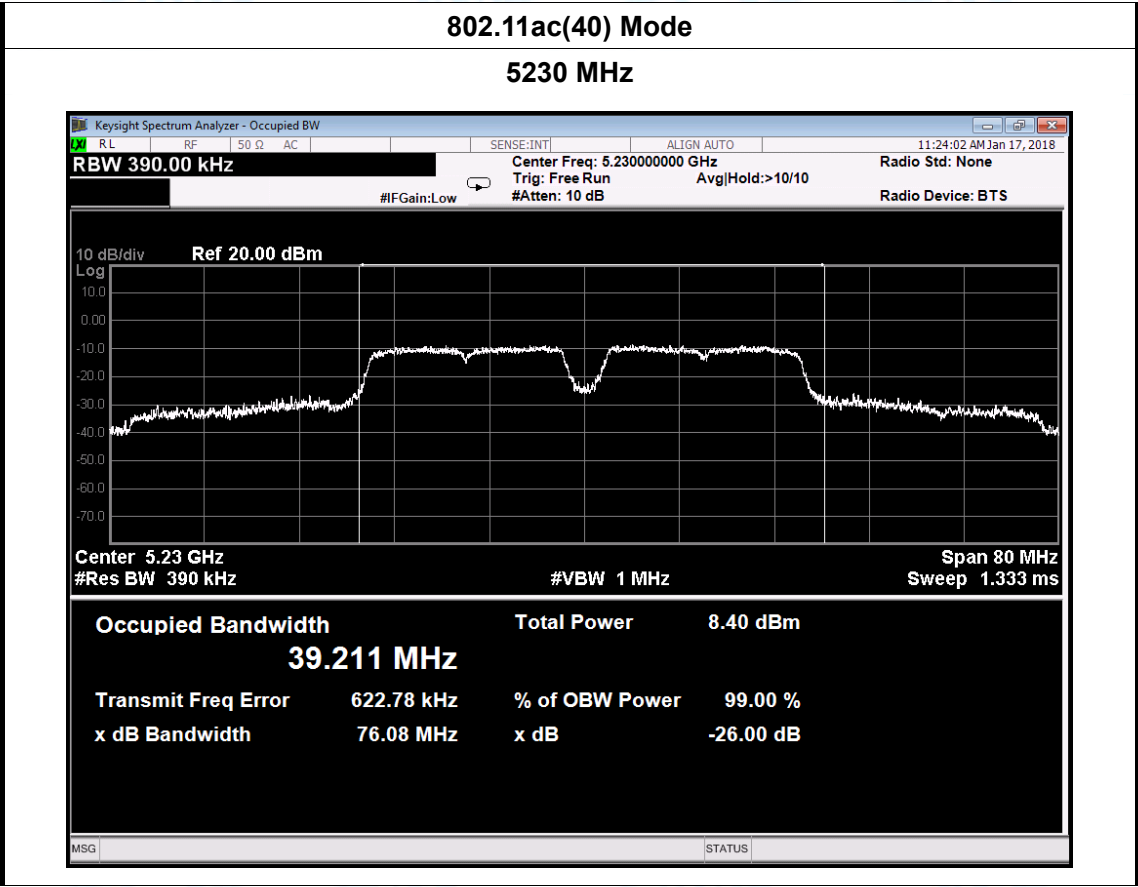
5240 MHz

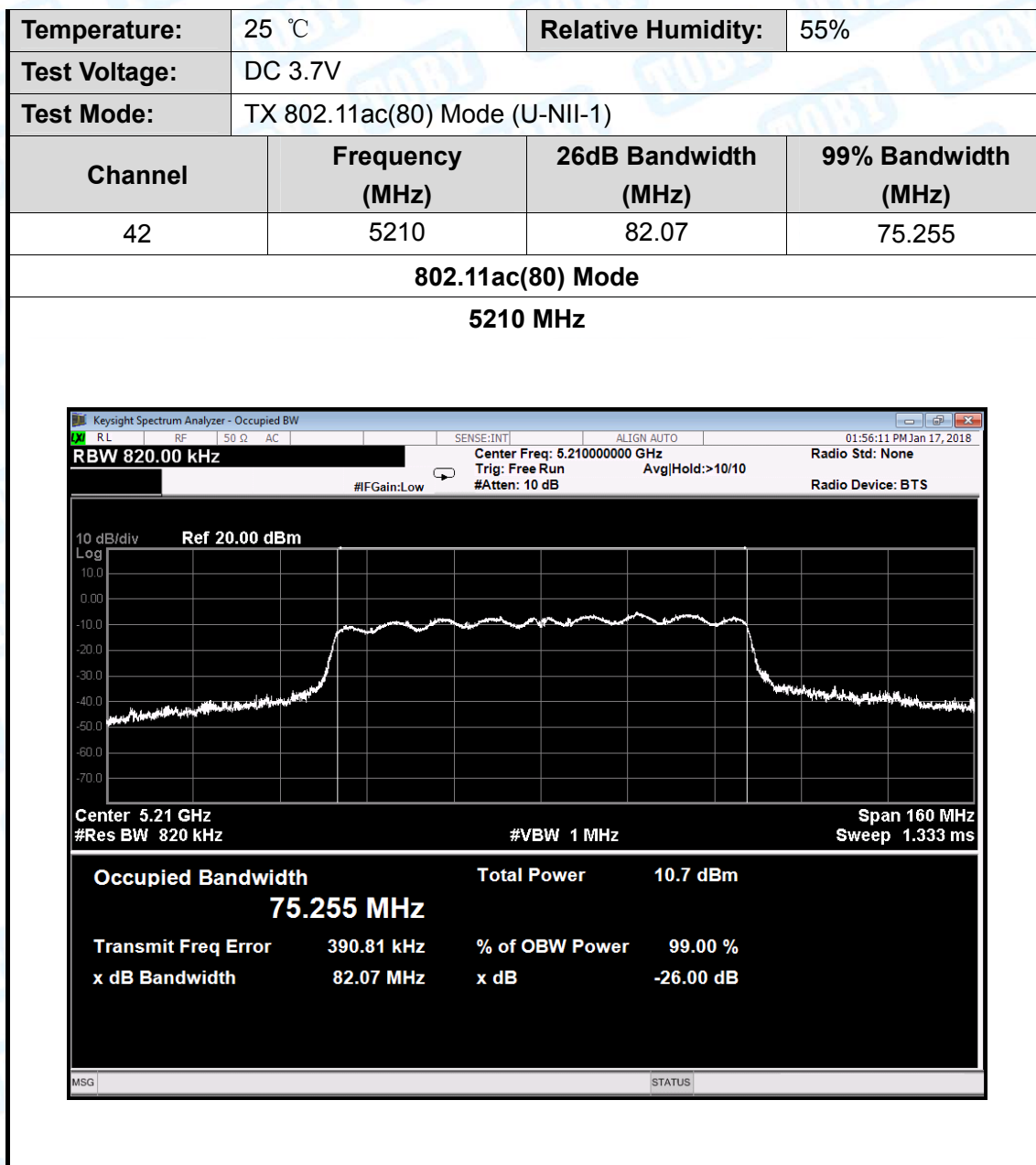


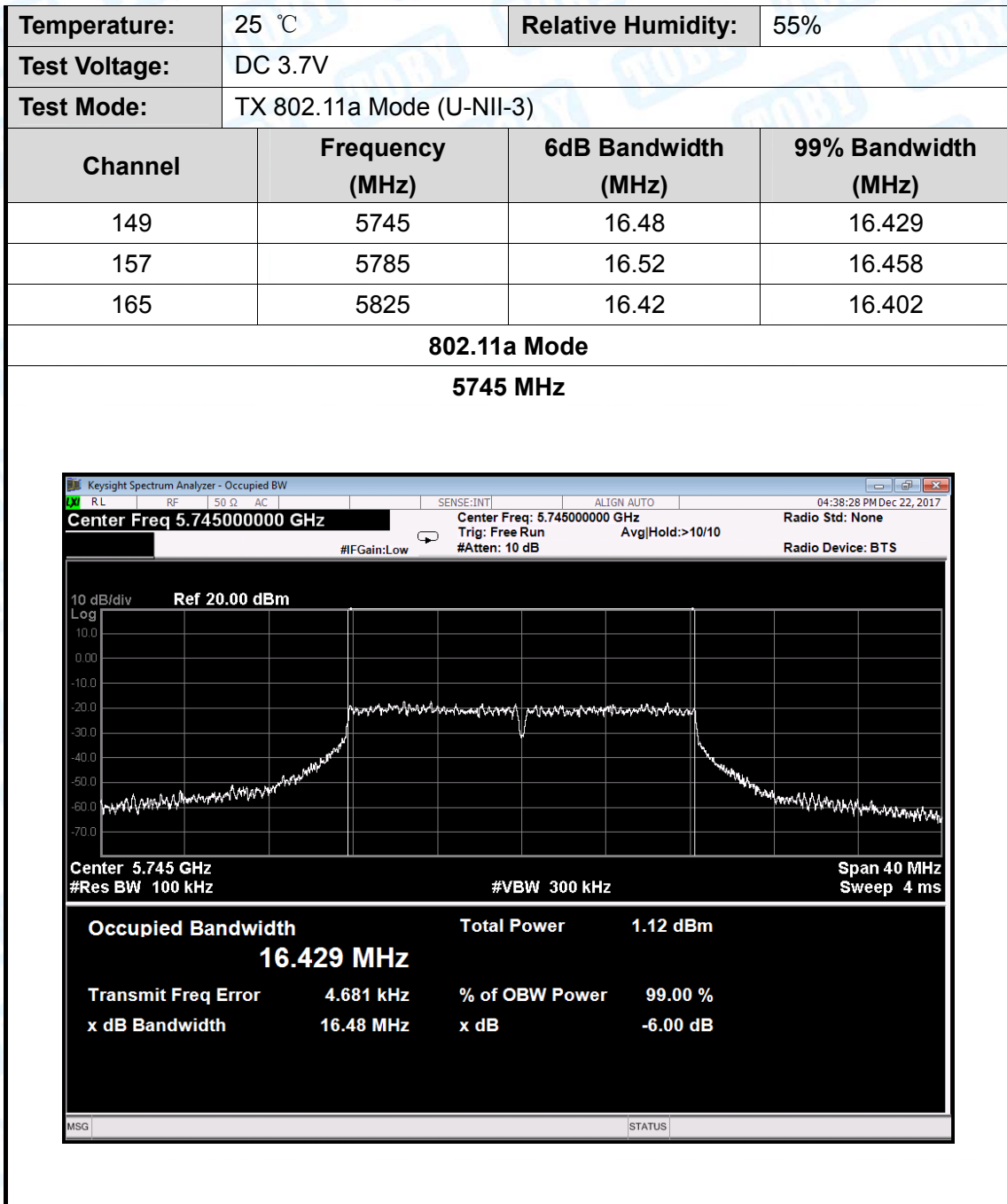




| Temperature:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 25 °C                          | Relative Humidity:   | 55%                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------|---------------------|
| Test Voltage:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | DC 3.7V                        |                      |                     |
| Test Mode:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | TX 802.11ac(40) Mode (U-NII-1) |                      |                     |
| Channel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Frequency (MHz)                | 26dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5190                           | 76.46                | 40.373              |
| 46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5230                           | 76.08                | 39.211              |
| 802.11ac(40) Mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                |                      |                     |
| 5190 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                |                      |                     |
|  <p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.190000000 GHz<br/>Trig: Free Run<br/>Avg/Hold: &gt;10/10<br/>Radio Std: None<br/>Radio Device: BTS</p> <p>Ref 20.00 dBm</p> <p>Center 5.19 GHz<br/>#Res BW 390 kHz<br/>#VBW 1 MHz<br/>Span 80 MHz<br/>Sweep 1.333 ms</p> <p>Occupied Bandwidth 40.373 MHz</p> <p>Total Power 7.97 dBm</p> <p>Transmit Freq Error 1.3916 MHz<br/>% of OBW Power 99.00 %</p> <p>x dB Bandwidth 76.46 MHz<br/>x dB -26.00 dB</p> |                                |                      |                     |

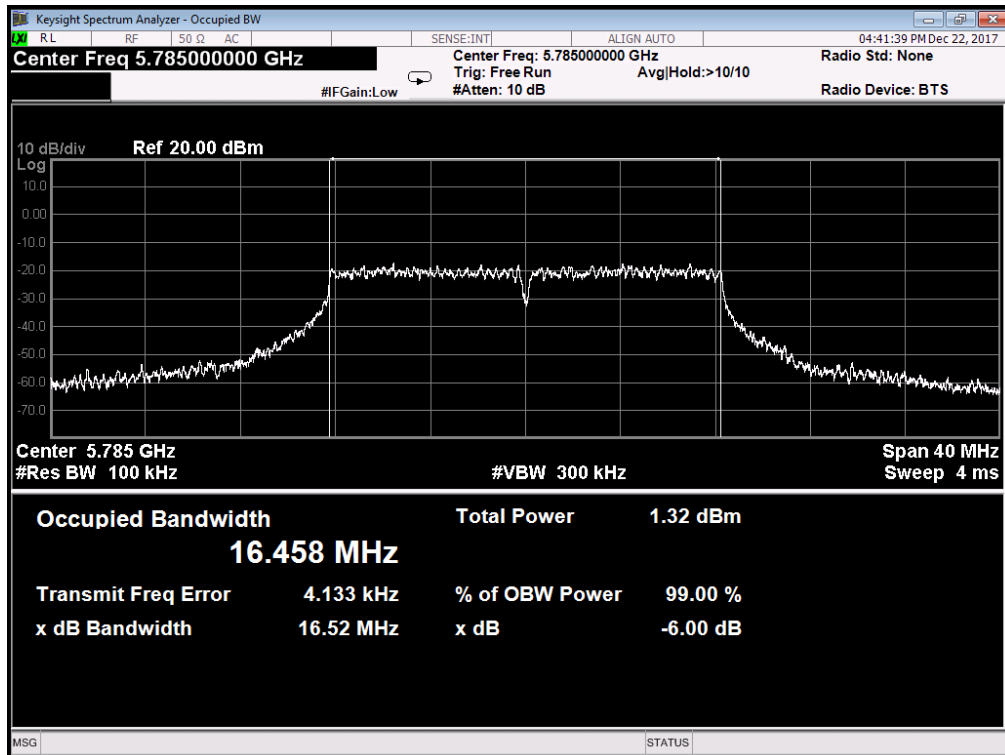






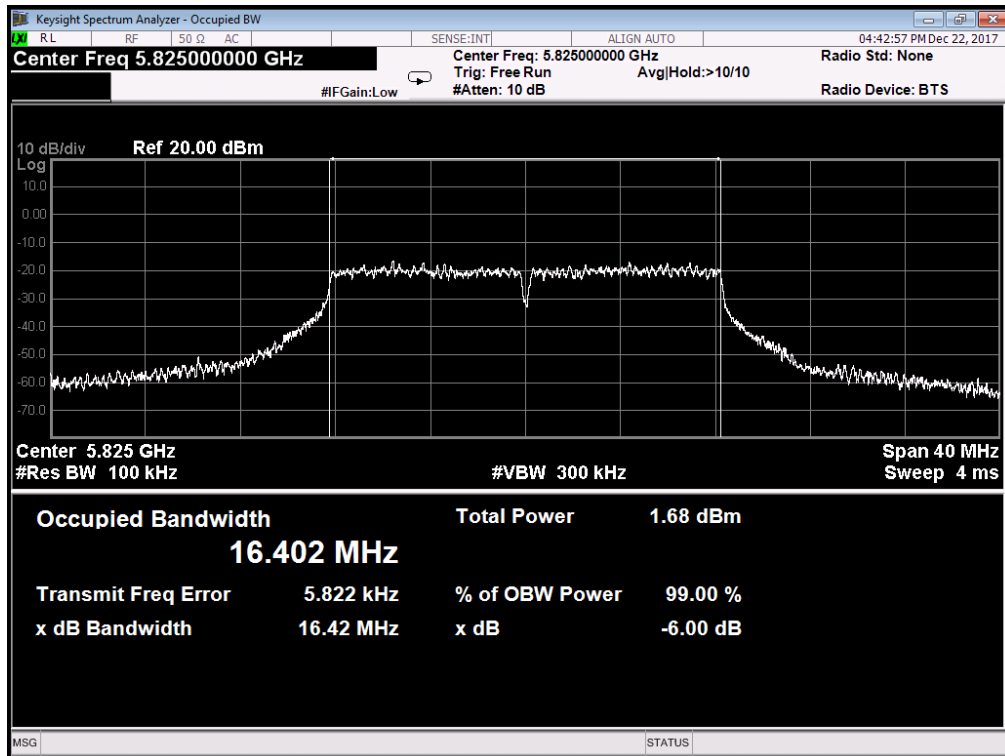
802.11a Mode

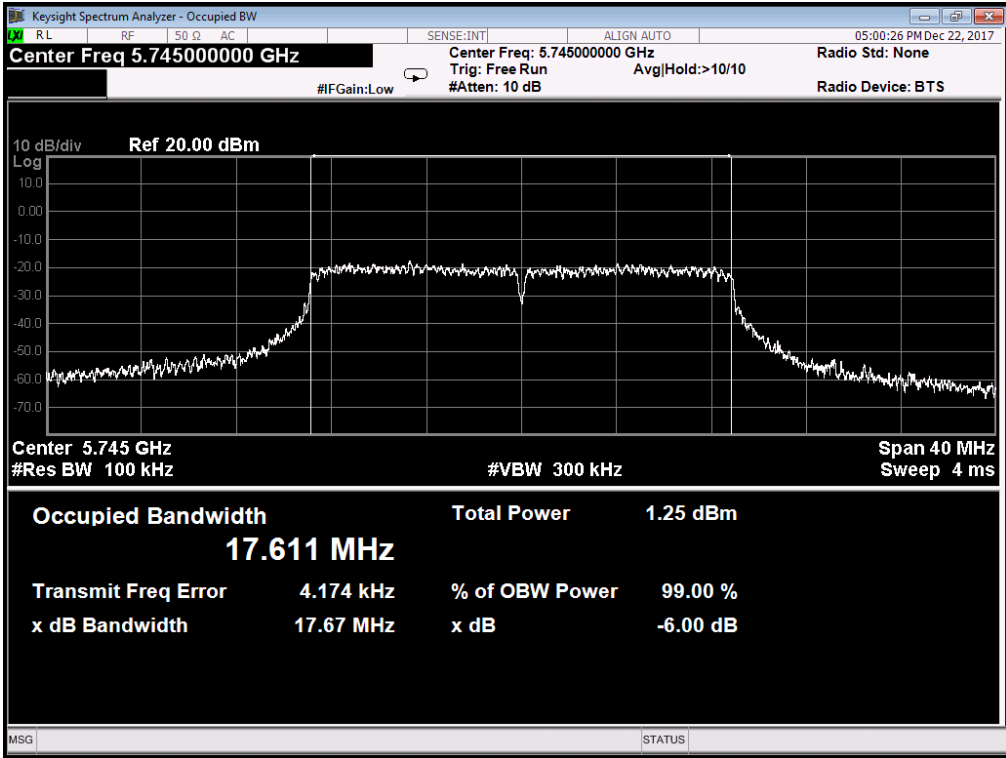
5785 MHz



802.11a Mode

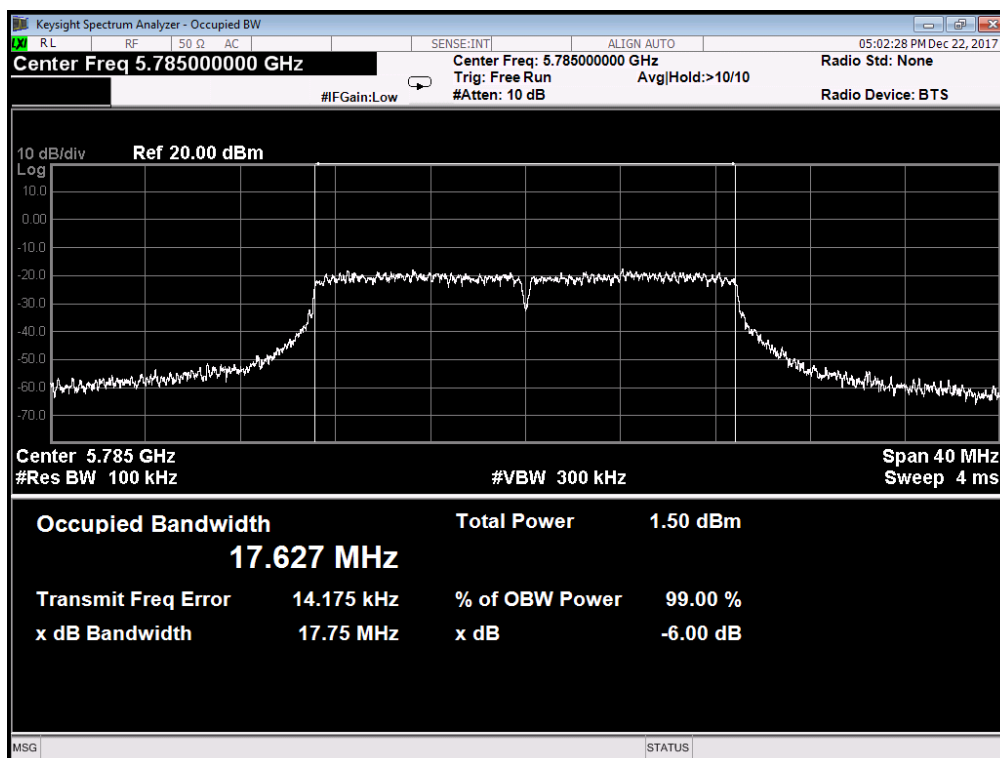
5825 MHz



| Temperature:                                                                        | 25 °C                         | Relative Humidity:  | 55%                 |
|-------------------------------------------------------------------------------------|-------------------------------|---------------------|---------------------|
| Test Voltage:                                                                       | DC 3.7V                       |                     |                     |
| Test Mode:                                                                          | TX 802.11n(20) Mode (U-NII-3) |                     |                     |
| Channel                                                                             | Frequency (MHz)               | 6dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 149                                                                                 | 5745                          | 17.67               | 17.611              |
| 157                                                                                 | 5785                          | 17.75               | 17.627              |
| 165                                                                                 | 5825                          | 17.71               | 17.606              |
| 802.11n(HT20) Mode                                                                  |                               |                     |                     |
| 5745 MHz                                                                            |                               |                     |                     |
|  |                               |                     |                     |

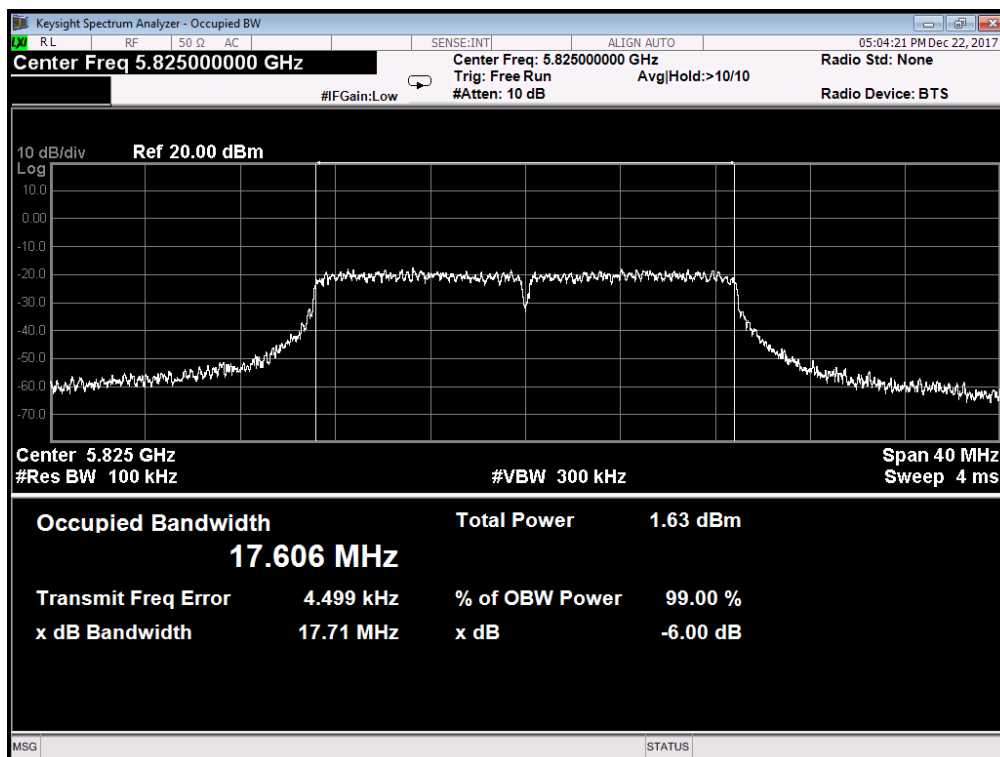
## 802.11n(HT20) Mode

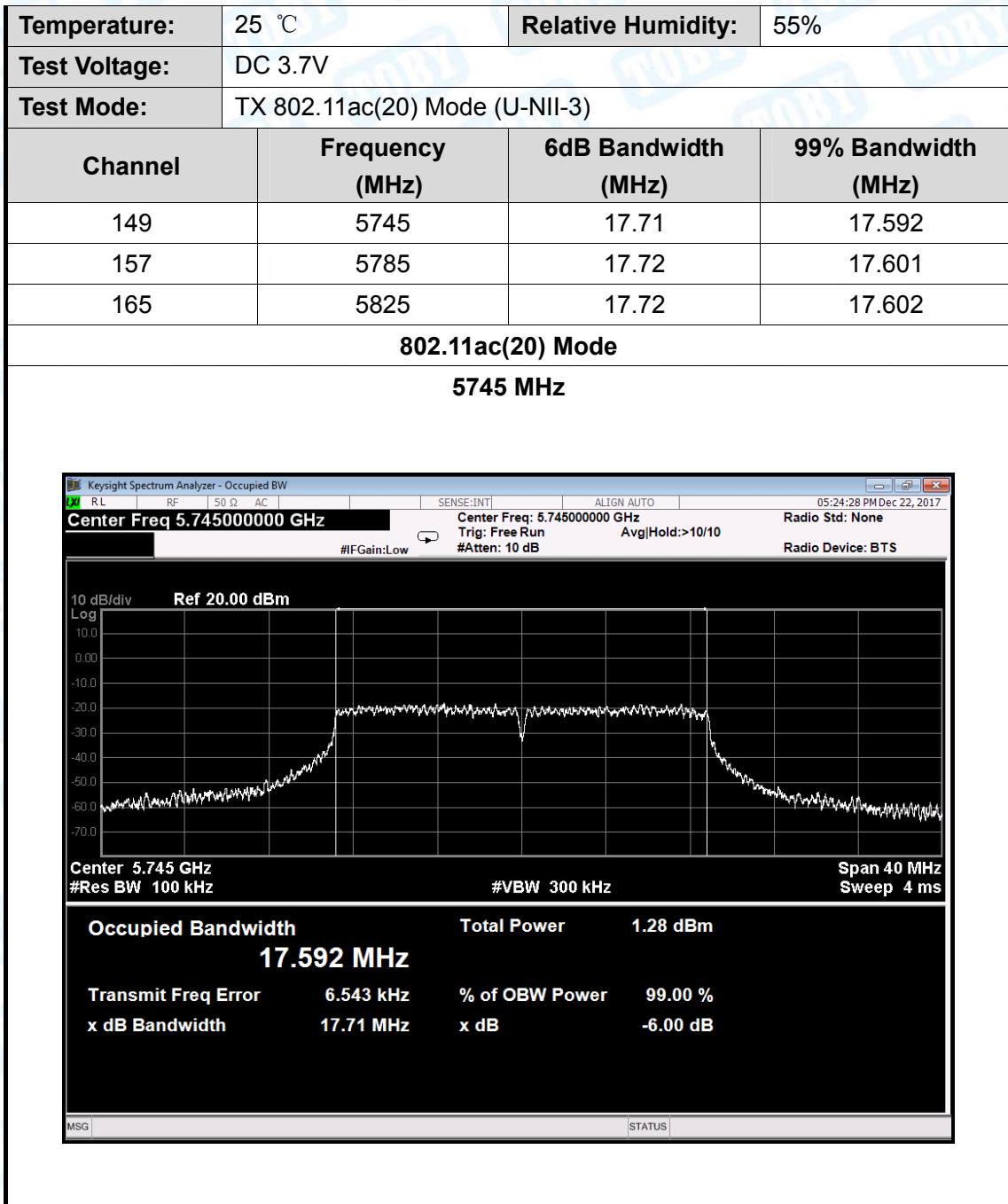
5785 MHz



## 802.11n(HT20) Mode

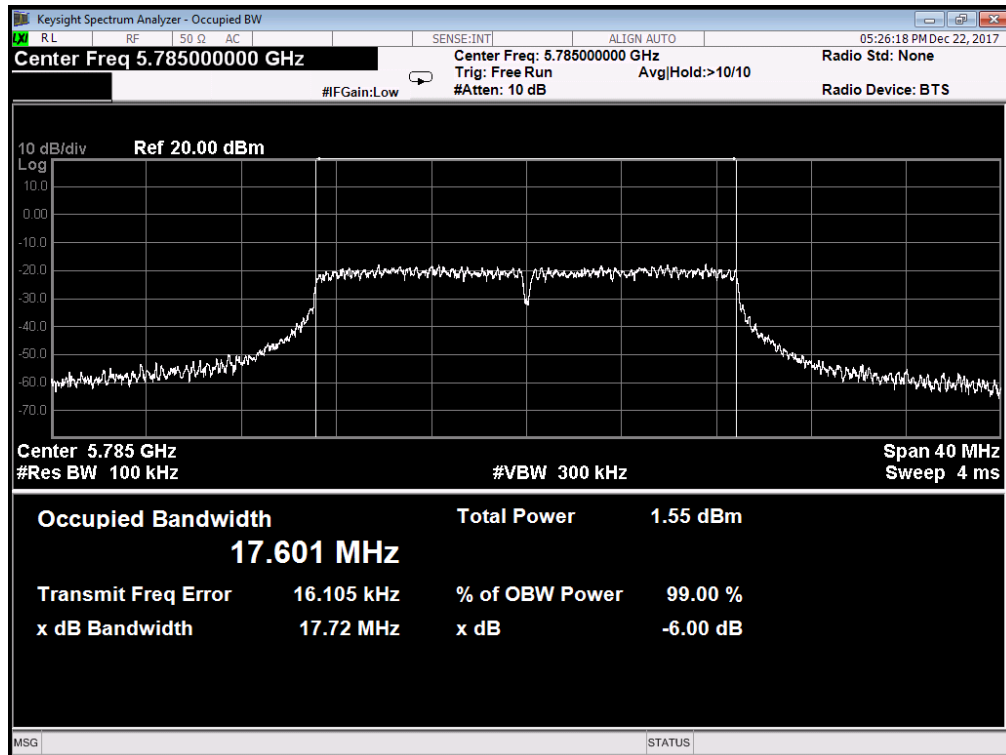
5825 MHz





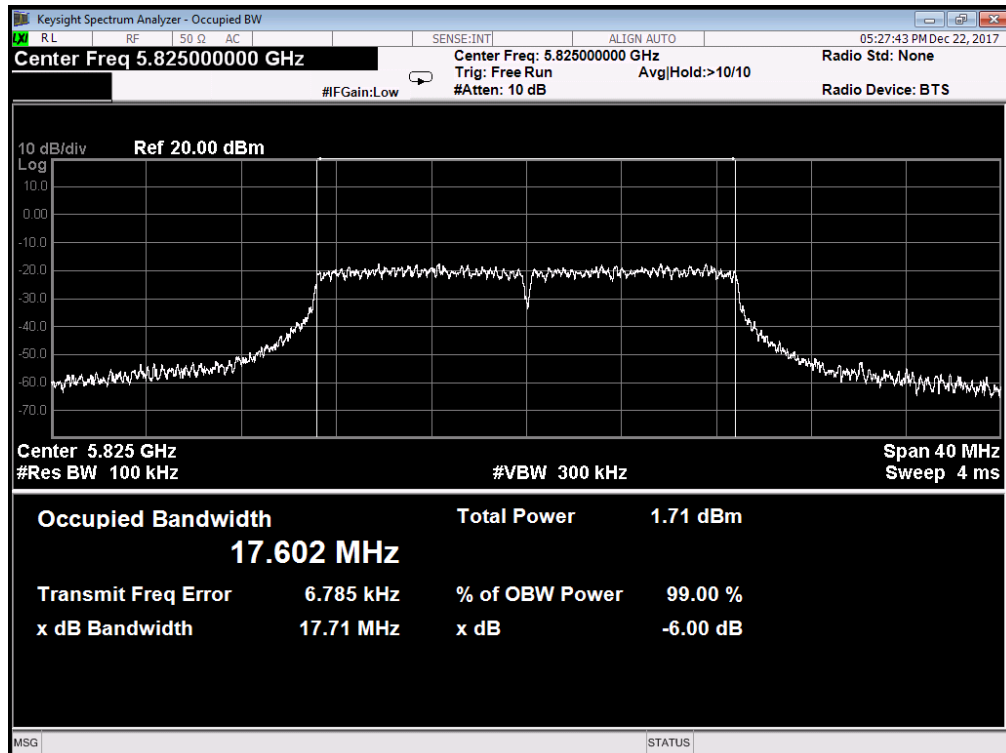
## 802.11ac(20) Mode

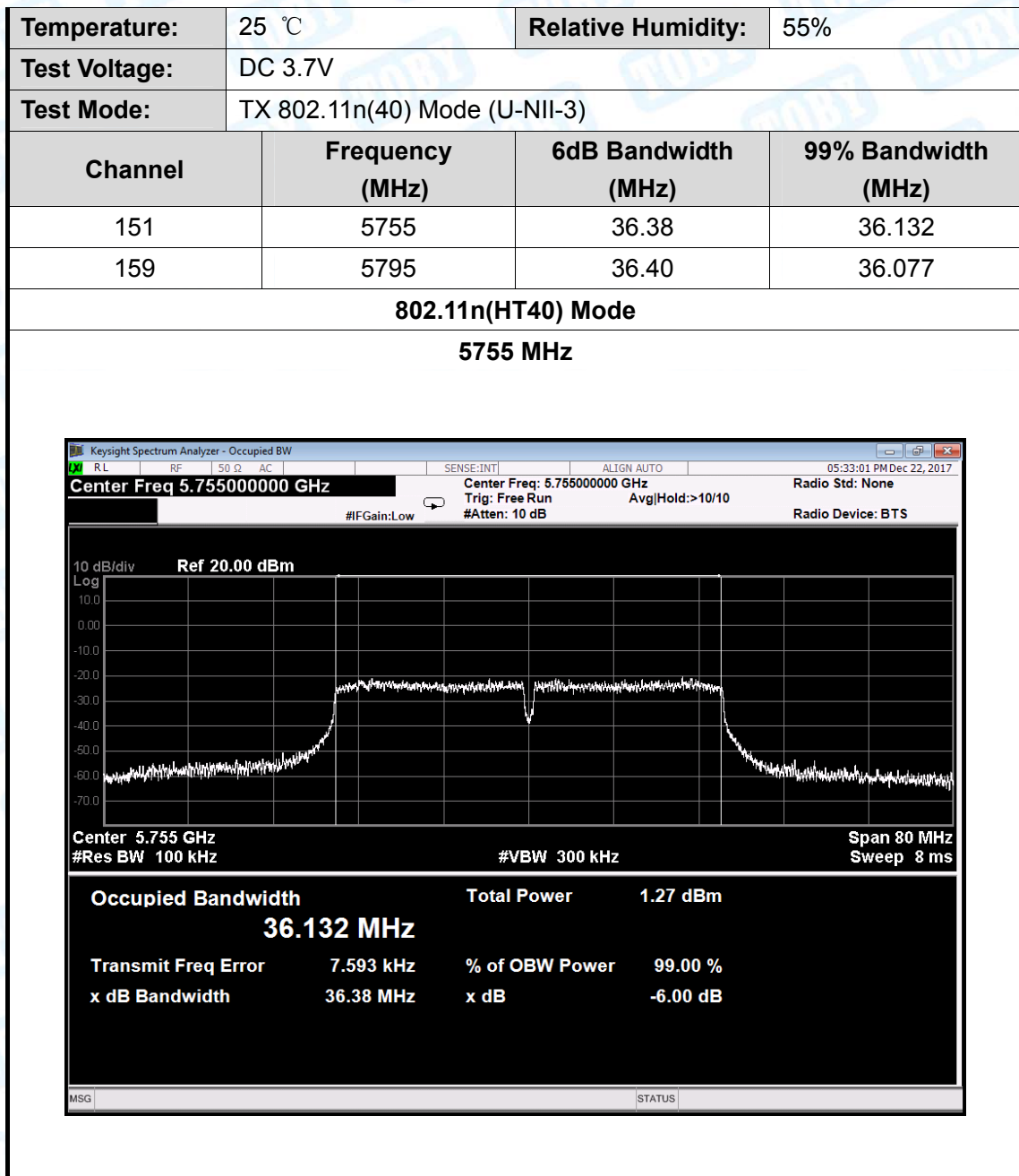
5785 MHz

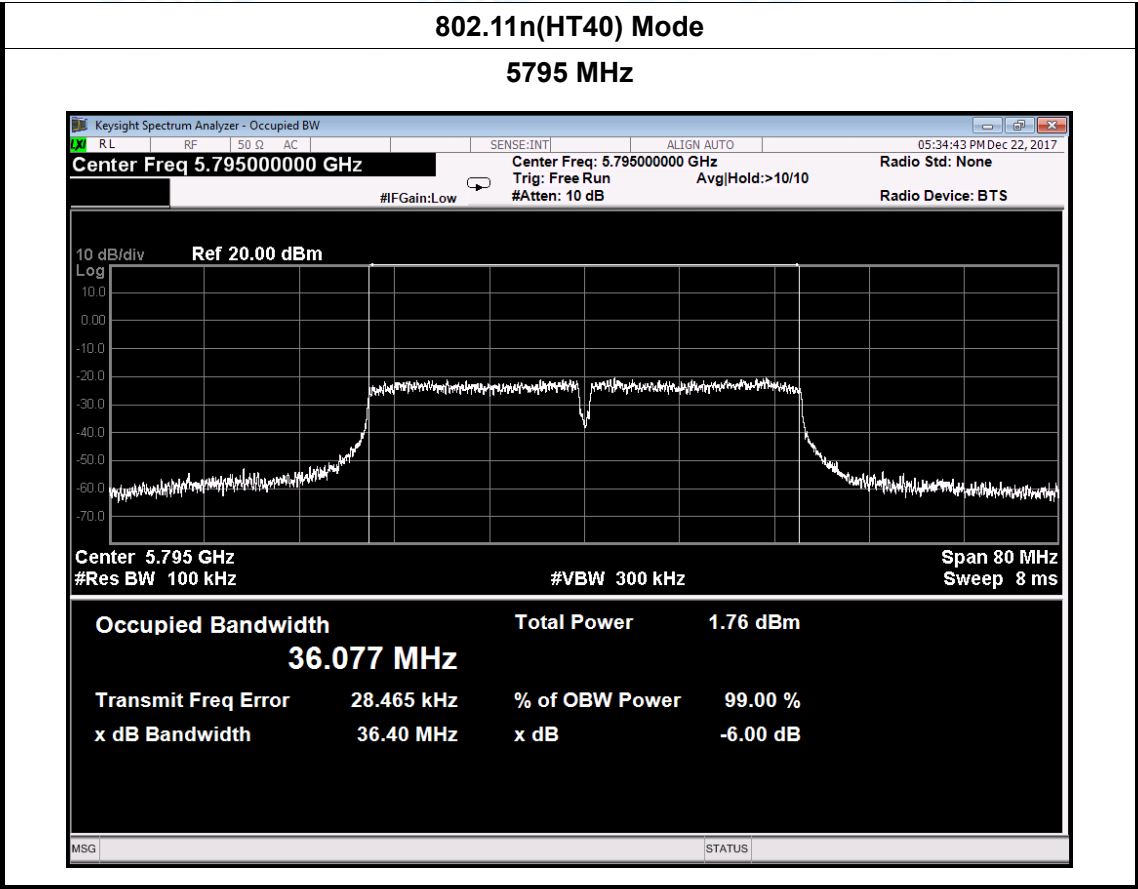


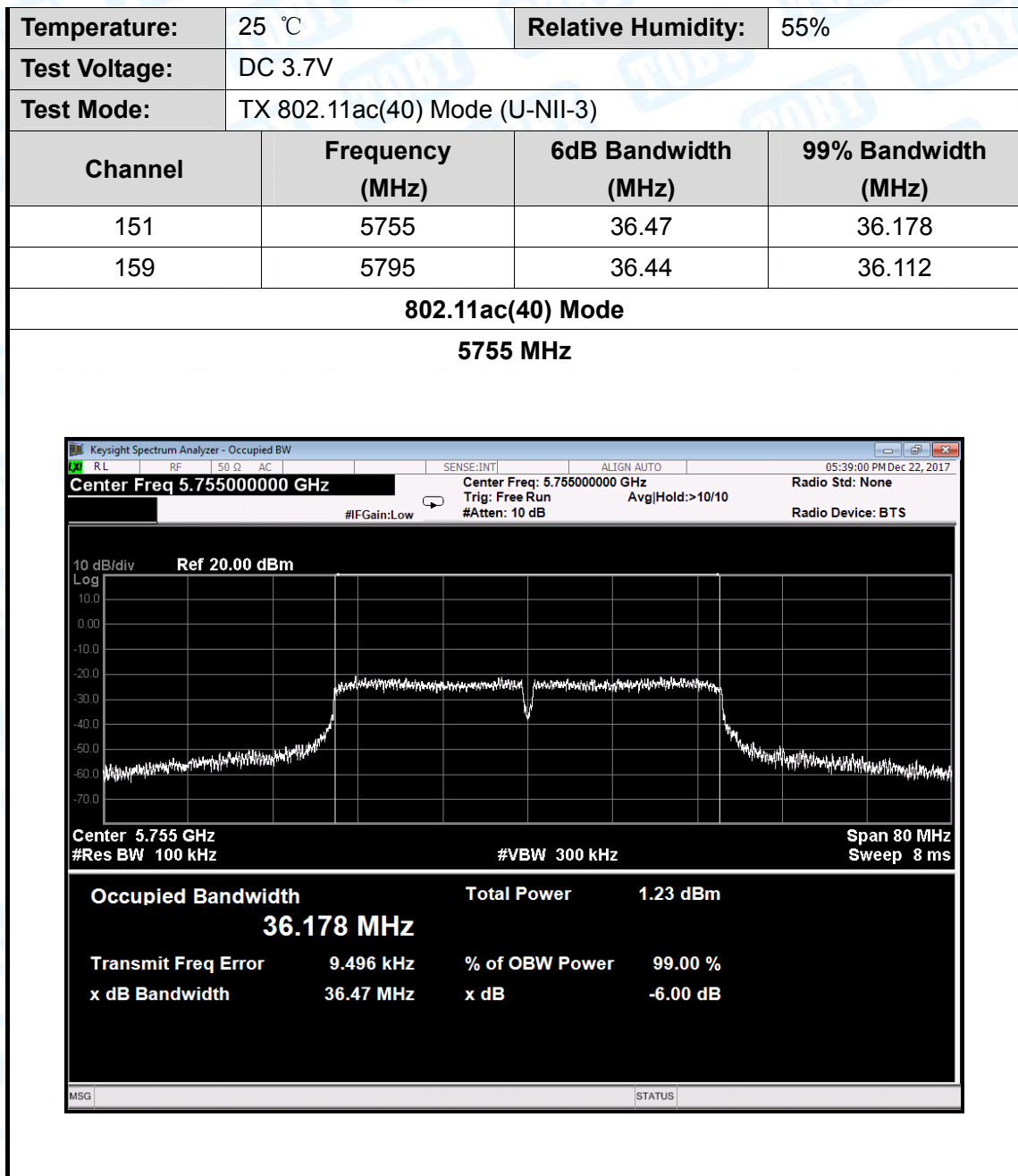
## 802.11ac(20) Mode

5825 MHz



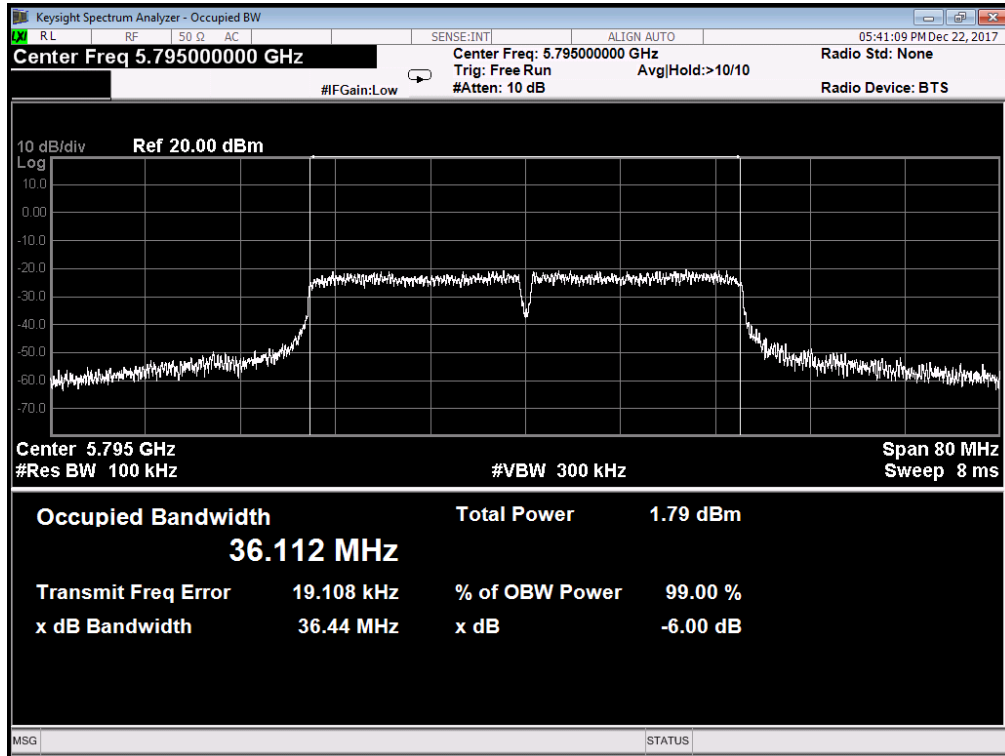


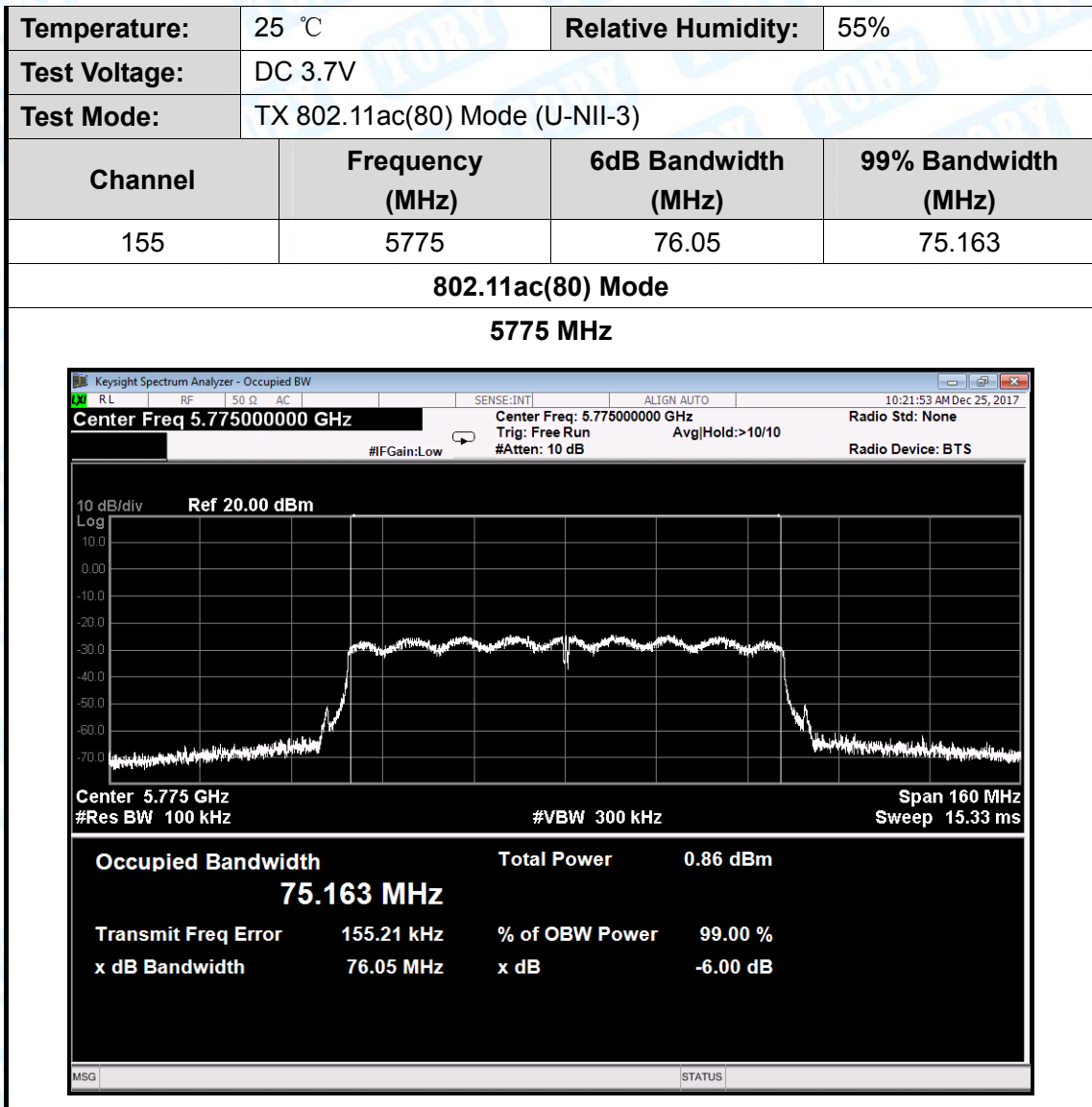




802.11ac(40) Mode

5795 MHz





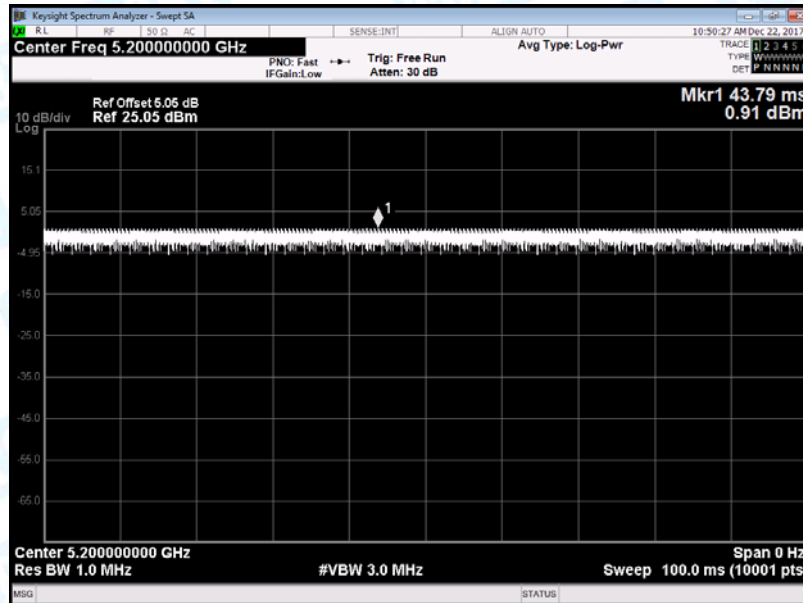
## Attachment E-- Output Power Test Data

|                                                                    |                 |                              |                    |                   |             |  |
|--------------------------------------------------------------------|-----------------|------------------------------|--------------------|-------------------|-------------|--|
| Test Conditions:                                                   |                 | Continuous transmitting Mode |                    |                   |             |  |
| Temperature:                                                       |                 | 25 °C                        | Relative Humidity: |                   | 55%         |  |
| Test Voltage:                                                      |                 | DC 3.7V                      |                    |                   |             |  |
| U-NII-1                                                            |                 |                              |                    |                   |             |  |
| Test Mode                                                          | Frequency (MHz) | Test Data                    |                    |                   | Limit (dBm) |  |
|                                                                    |                 | Conducted Power (dBm)        | Duty Factor (dB)   | Total Power (dBm) |             |  |
| 802.11a                                                            | 5180            | 12.12                        | 0                  | 12.12             | 23          |  |
|                                                                    | 5200            | 12.14                        | 0                  | 12.14             |             |  |
|                                                                    | 5240            | 12.47                        | 0                  | 12.47             |             |  |
| 802.11n (HT20)                                                     | 5180            | 12.50                        | 0                  | 12.50             |             |  |
|                                                                    | 5200            | 12.01                        | 0                  | 12.01             |             |  |
|                                                                    | 5240            | 12.24                        | 0                  | 12.24             |             |  |
| 802.11ac (HT20)                                                    | 5180            | 12.02                        | 0                  | 12.02             |             |  |
|                                                                    | 5200            | 11.92                        | 0                  | 11.92             |             |  |
|                                                                    | 5240            | 12.45                        | 0                  | 12.45             |             |  |
| 802.11n (HT40)                                                     | 5190            | 11.98                        | 0                  | 11.98             |             |  |
|                                                                    | 5230            | 12.33                        | 0                  | 12.33             |             |  |
| 802.11ac(40)                                                       | 5190            | 12.54                        | 0                  | 12.54             |             |  |
|                                                                    | 5230            | 12.59                        | 0                  | 12.59             |             |  |
| 802.11ac(80)                                                       | 5210            | 11.96                        | 0                  | 11.96             |             |  |
| Result: PASS                                                       |                 |                              |                    |                   |             |  |
| Remark:                                                            |                 |                              |                    |                   |             |  |
| $P_{out} = P_{limit} - (G_{TX} - 6) = 24 - (7 - 6) = 23\text{dBm}$ |                 |                              |                    |                   |             |  |

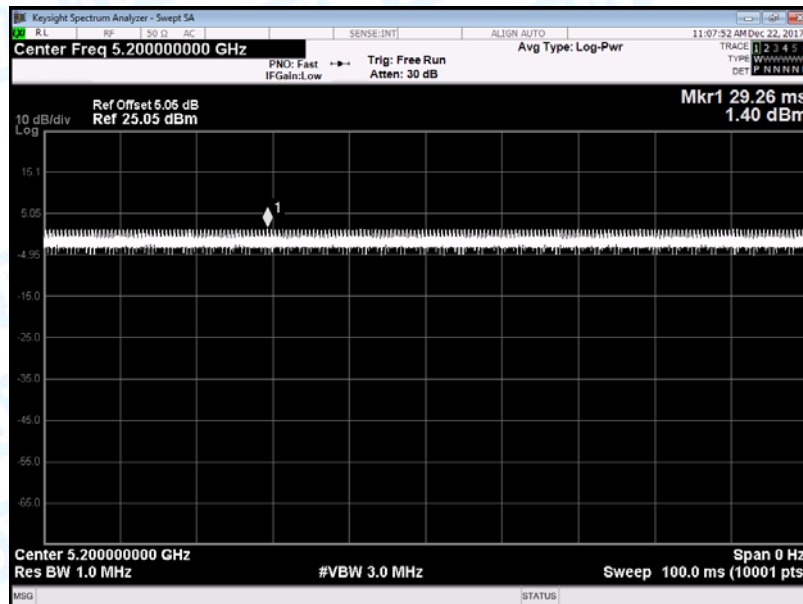
| Test Conditions:                                                           |                 | Continuous transmitting Mode |                    |                   |             |
|----------------------------------------------------------------------------|-----------------|------------------------------|--------------------|-------------------|-------------|
| Temperature:                                                               |                 | 25 °C                        | Relative Humidity: |                   | 55%         |
| Test Voltage:                                                              |                 | DC 3.7V                      |                    |                   |             |
| U-NII-3                                                                    |                 |                              |                    |                   |             |
| Test Mode                                                                  | Frequency (MHz) | Test Data                    |                    |                   | Limit (dBm) |
|                                                                            |                 | Conducted Power (dBm)        | Duty Factor (dB)   | Total Power (dBm) |             |
| 802.11a                                                                    | 5745            | 6.32                         | 0                  | 6.32              | 29          |
|                                                                            | 5785            | 6.72                         | 0                  | 6.72              |             |
|                                                                            | 5825            | 7.00                         | 0                  | 7.00              |             |
| 802.11n (HT20)                                                             | 5745            | 6.29                         | 0                  | 6.29              |             |
|                                                                            | 5785            | 6.47                         | 0                  | 6.47              |             |
|                                                                            | 5825            | 6.76                         | 0                  | 6.76              |             |
| 802.11ac (HT20)                                                            | 5745            | 6.32                         | 0                  | 6.32              |             |
|                                                                            | 5785            | 6.54                         | 0                  | 6.54              |             |
|                                                                            | 5825            | 6.78                         | 0                  | 6.78              |             |
| 802.11n (HT40)                                                             | 5755            | 6.37                         | 0                  | 6.37              |             |
|                                                                            | 5795            | 7.04                         | 0                  | 7.04              |             |
| 802.11ac(40)                                                               | 5755            | 6.28                         | 0                  | 6.28              |             |
|                                                                            | 5795            | 6.97                         | 0                  | 6.97              |             |
| 802.11ac(80)                                                               | 5775            | 6.27                         | 0                  | 6.27              |             |
| Result: PASS                                                               |                 |                              |                    |                   |             |
| Remark:                                                                    |                 |                              |                    |                   |             |
| P <sub>out</sub> =P <sub>limit</sub> -(G <sub>TX</sub> -6)]=30-(7-6)=29dBm |                 |                              |                    |                   |             |

| Test Mode                  |                 | Duty cycle |
|----------------------------|-----------------|------------|
| U-NII-1                    | 802.11 a        | >98%       |
|                            | 802.11 n(HT20)  |            |
|                            | 802.11 ac(HT20) |            |
|                            | 802.11 n(HT40)  |            |
|                            | 802.11 ac(HT40) |            |
|                            | 802.11 ac(HT80) |            |
| U-NII-3                    | 802.11 a        |            |
|                            | 802.11 n(HT20)  |            |
|                            | 802.11 ac(HT20) |            |
|                            | 802.11 n(HT40)  |            |
|                            | 802.11 ac(HT40) |            |
|                            | 802.11 ac(HT80) |            |
| Please see the next plots. |                 |            |

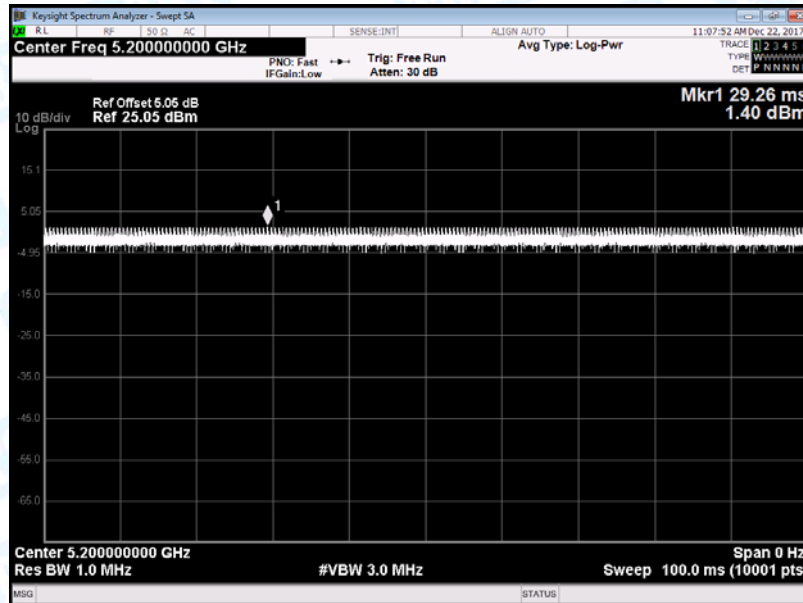
802.11 a 5200MHz U-NII-1



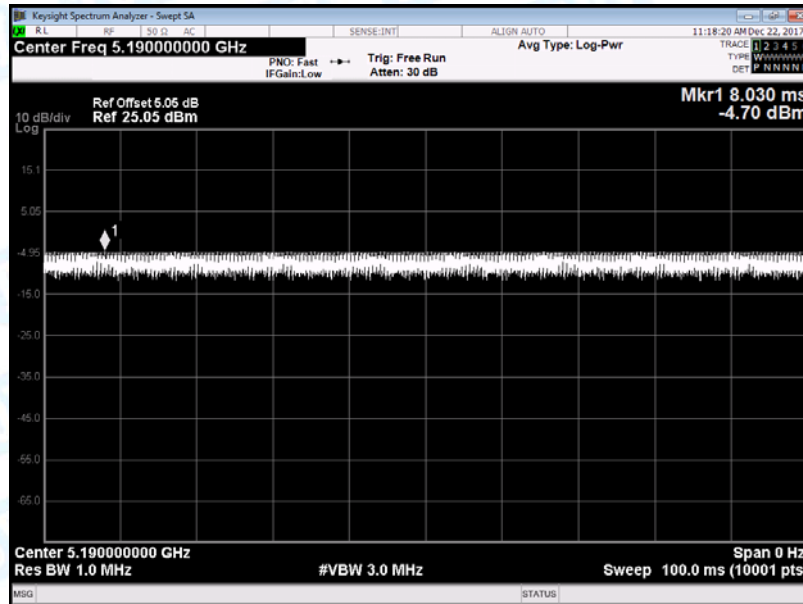
802.11 n(HT20) 5200MHz U-NII-1



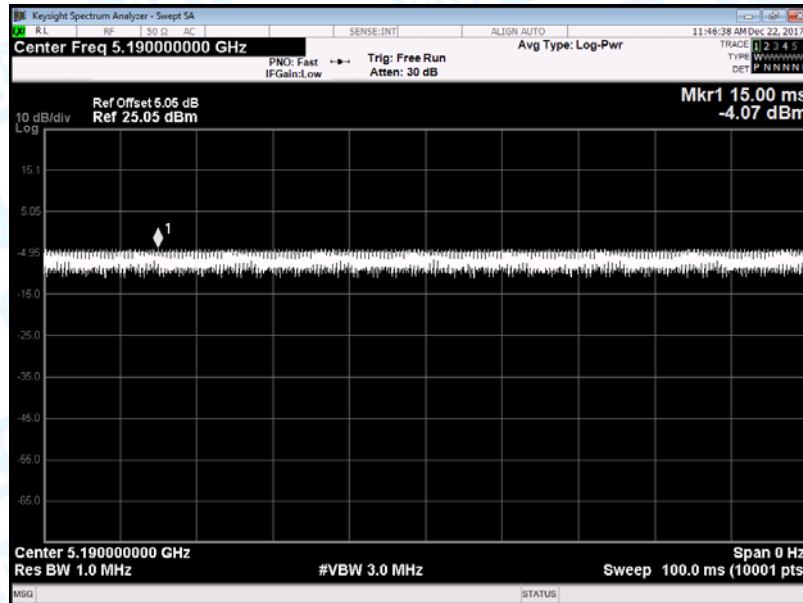
802.11 ac(HT20) 5200MHz U-NII-1



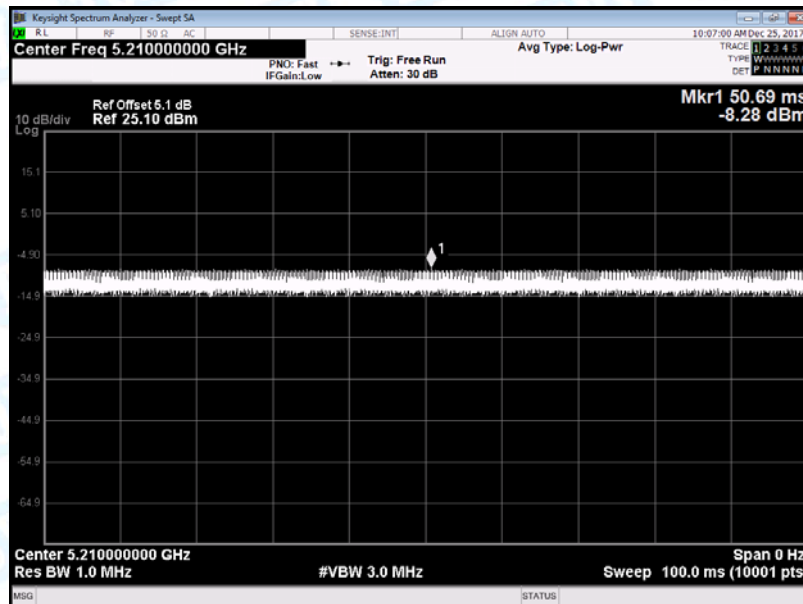
802.11 n(HT40) 5190MHz U-NII-1



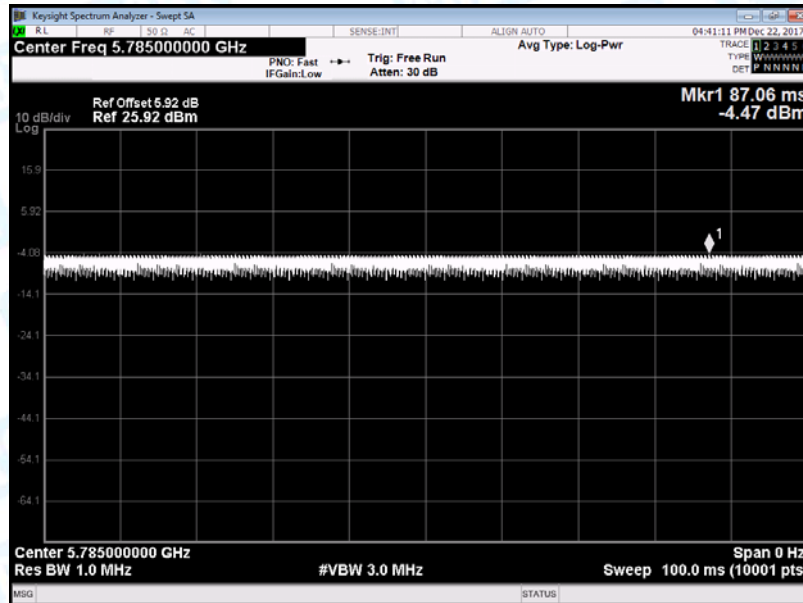
802.11 ac(HT40) 5190MHz U-NII-1



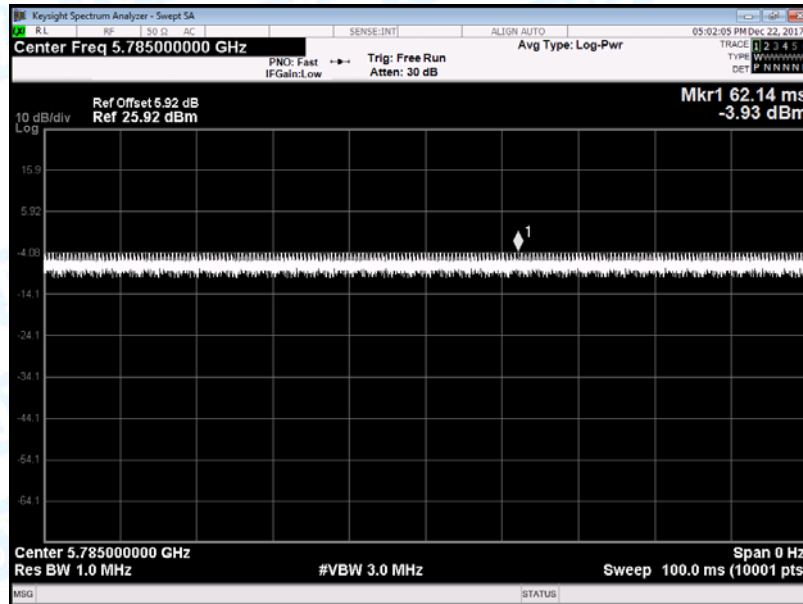
802.11 ac(HT80) 5210MHz U-NII-1



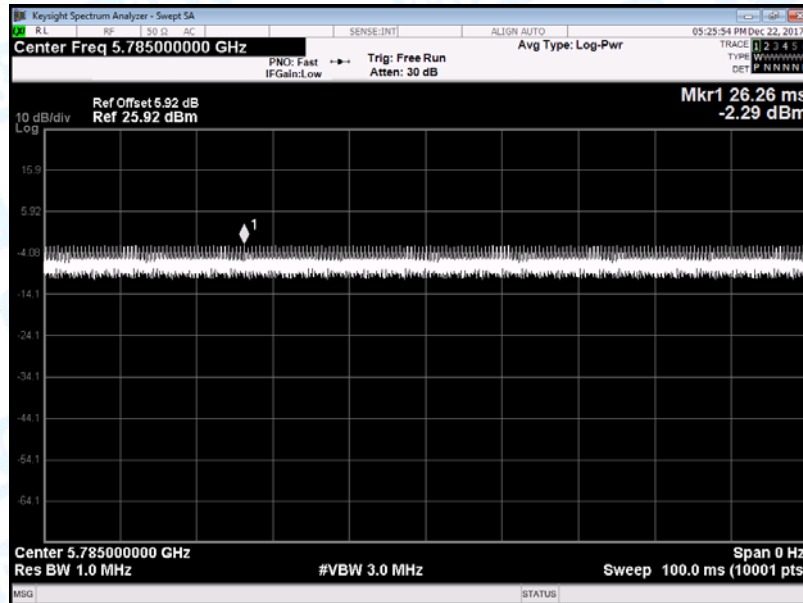
802.11 a 5785MHz U-NII-3



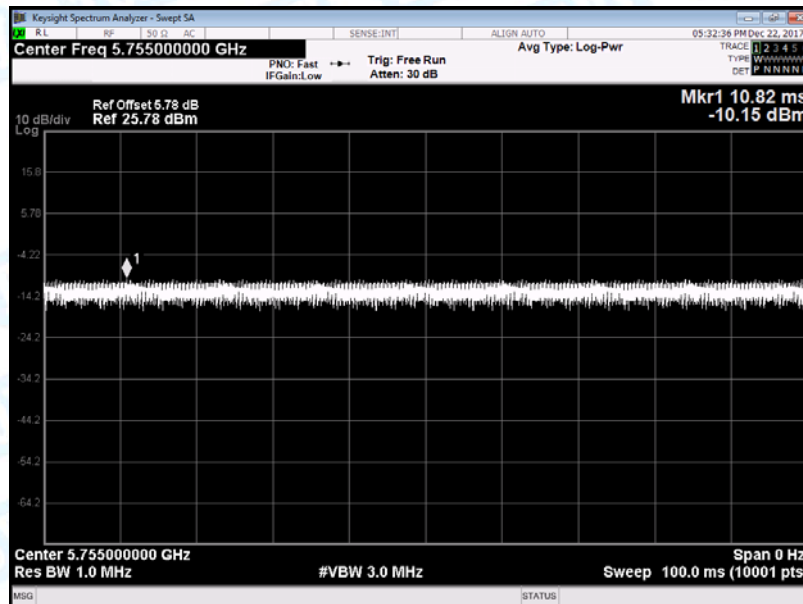
802.11 n(HT20) 5785MHz U-NII-3



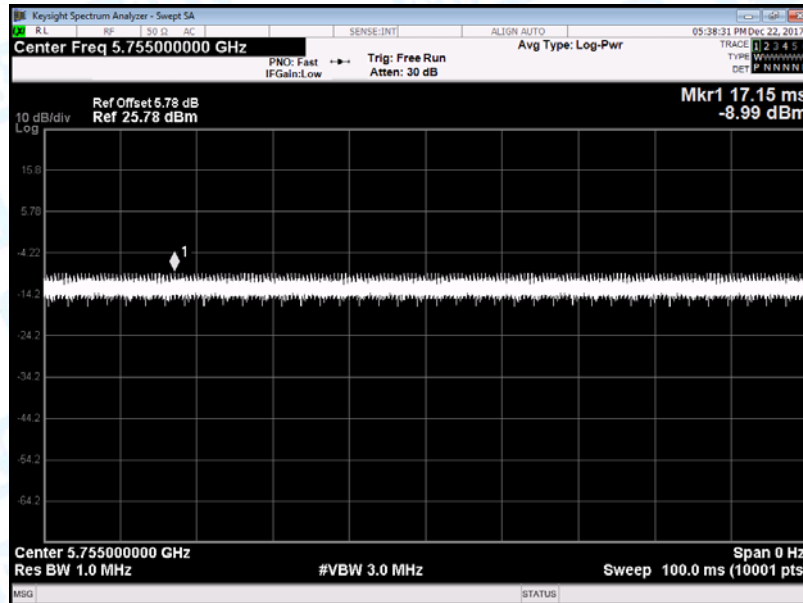
802.11 ac(HT20) 5785MHz U-NII-3



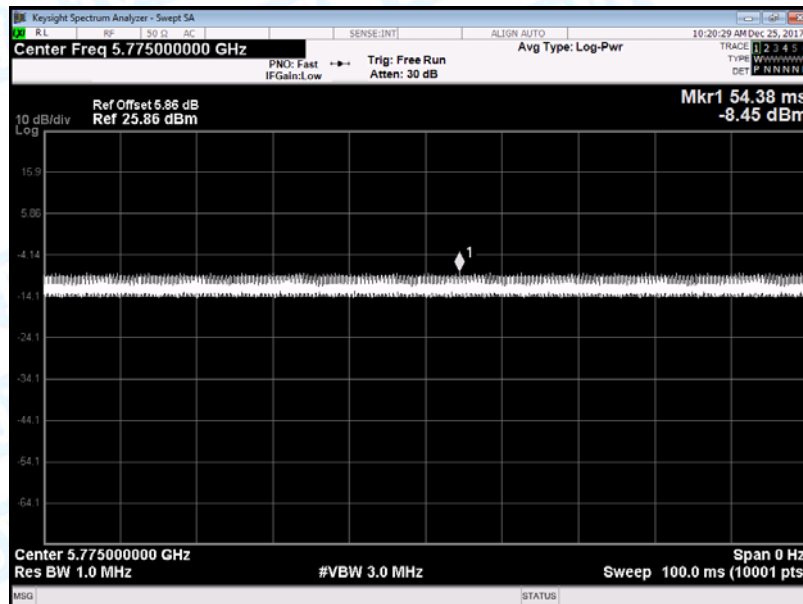
802.11 n(HT40) 5755MHz U-NII-3



802.11 ac(HT40) 5755MHz U-NII-3



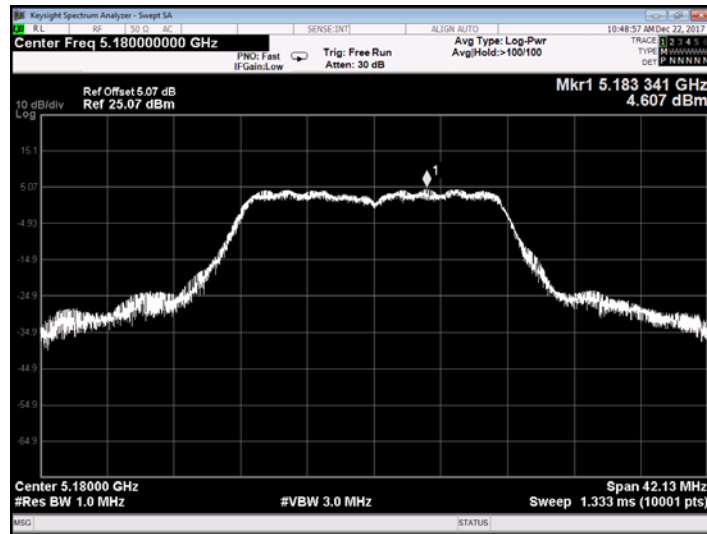
802.11 ac(HT80) 5775MHz U-NII-3



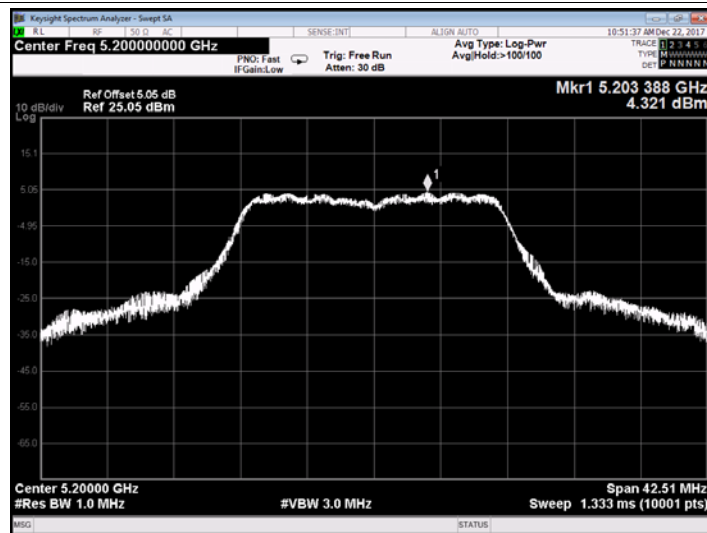
## Attachment F-- Power Spectral Density Test Data

|                                                                                |                              |                         |             |
|--------------------------------------------------------------------------------|------------------------------|-------------------------|-------------|
| Test Conditions:                                                               | Continuous transmitting Mode |                         |             |
| Temperature:                                                                   | 25 °C                        | Relative Humidity:      | 55%         |
| Test Voltage:                                                                  | DC 3.7V                      |                         |             |
| U-NII-1                                                                        |                              |                         |             |
| Test Mode                                                                      | Frequency (MHz)              | Test Data               | Limit (dBm) |
|                                                                                |                              | Power Density (dBm/MHz) |             |
| 802.11a                                                                        | 5180                         | 4.607                   | 10          |
|                                                                                | 5200                         | 4.321                   |             |
|                                                                                | 5240                         | 4.631                   |             |
| 802.11n (HT20)                                                                 | 5180                         | 4.713                   |             |
|                                                                                | 5200                         | 4.334                   |             |
|                                                                                | 5240                         | 4.518                   |             |
| 802.11ac (HT20)                                                                | 5180                         | 4.304                   |             |
|                                                                                | 5200                         | 4.062                   |             |
|                                                                                | 5240                         | 4.632                   |             |
| 802.11n (HT40)                                                                 | 5190                         | 0.623                   |             |
|                                                                                | 5230                         | 1.053                   |             |
| 802.11ac(40)                                                                   | 5190                         | 1.205                   |             |
|                                                                                | 5230                         | 1.454                   |             |
| 802.11ac(80)                                                                   | 5210                         | -6.969                  |             |
| Result: PASS                                                                   |                              |                         |             |
| Remark:                                                                        |                              |                         |             |
| PSD <sub>out</sub> =PSD <sub>limit</sub> -(G <sub>TX</sub> -6)]=11-(7-6)=10dBm |                              |                         |             |
| Test plots please refer to below pages:                                        |                              |                         |             |

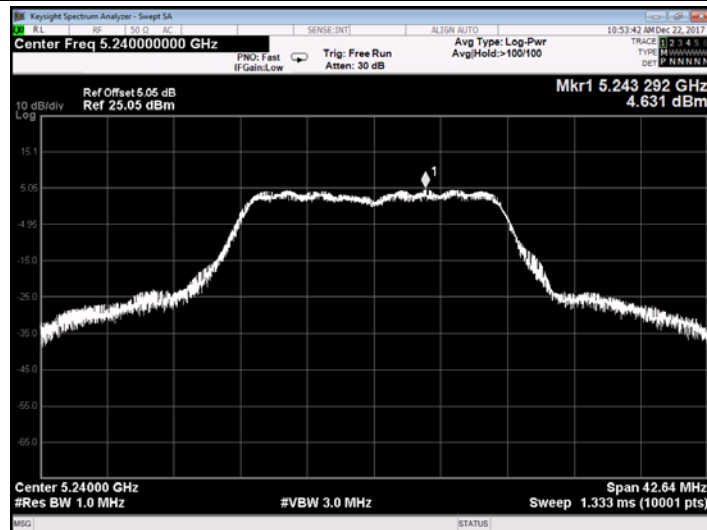
802.11 a 5180 MHz



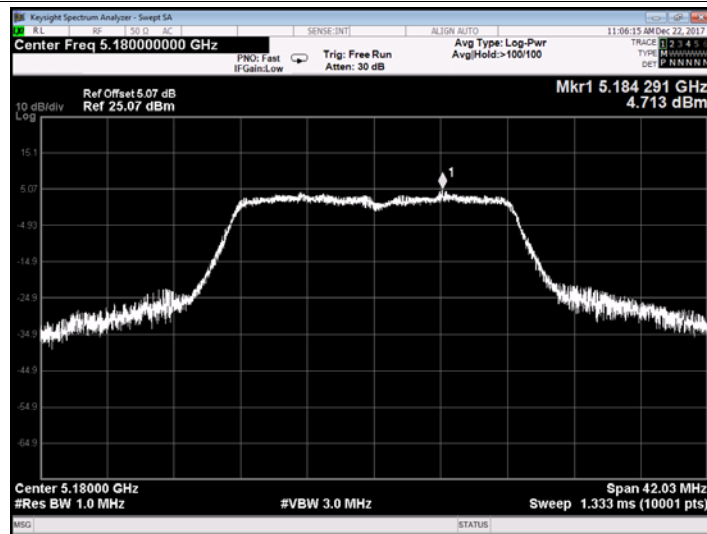
802.11 a 5200 MHz



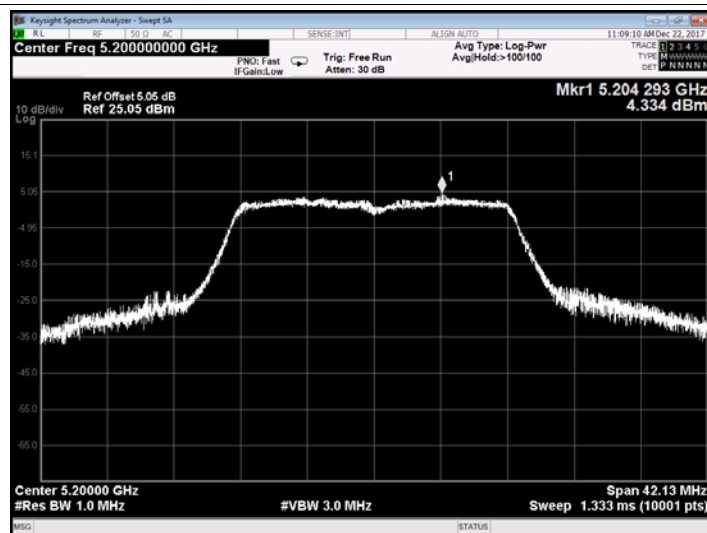
802.11 a 5240 MHz



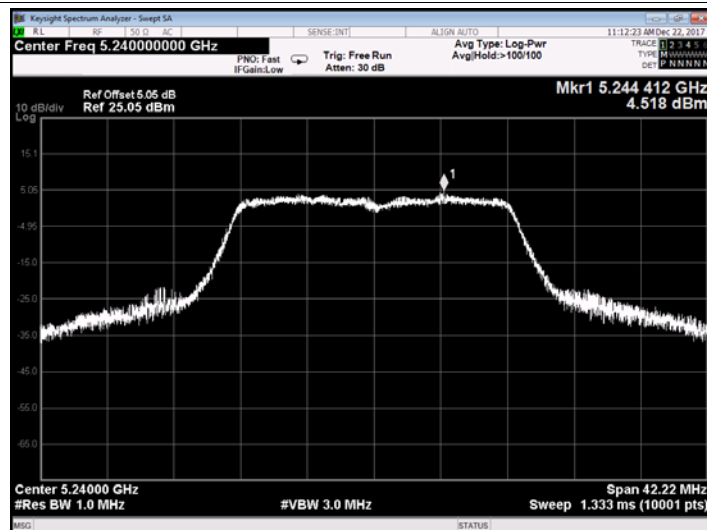
802.11 n(20) 5180 MHz



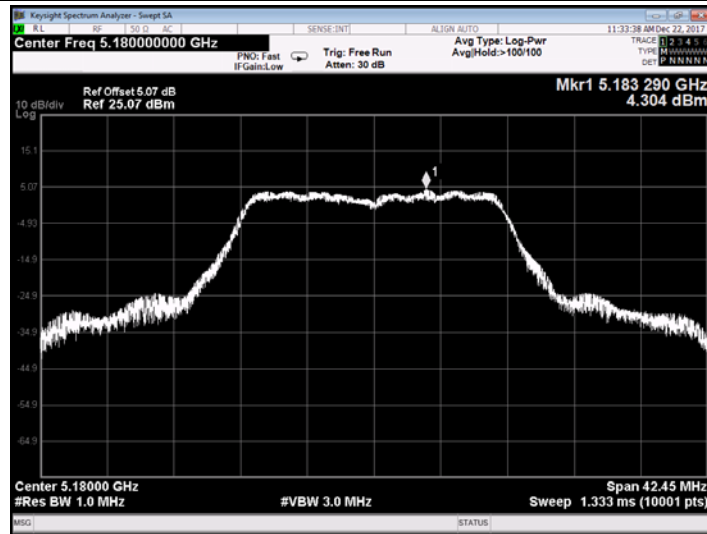
802.11 n(20) 5200 MHz



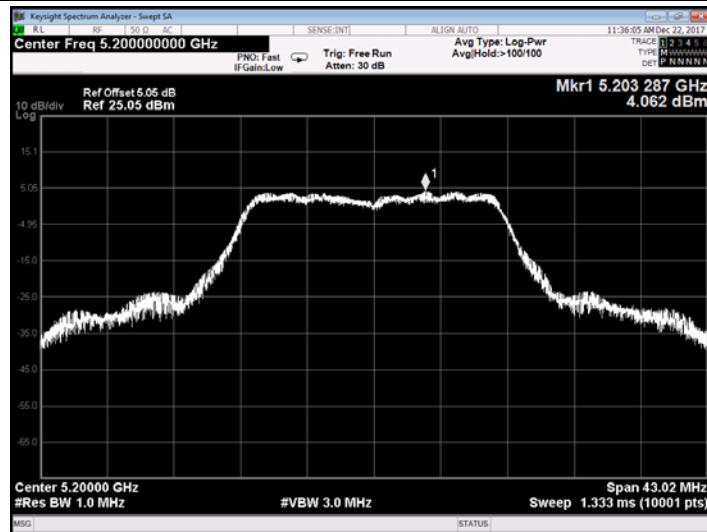
802.11 n(20) 5240 MHz



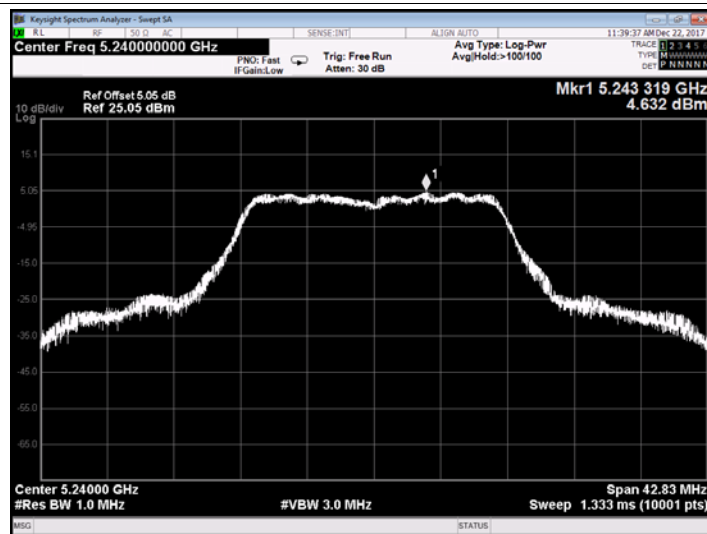
802.11 ac(20) 5180 MHz



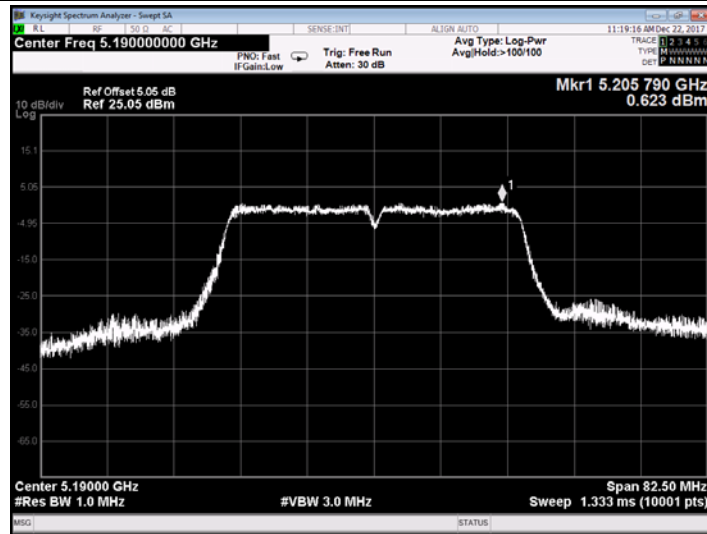
802.11 ac(20) 5200 MHz



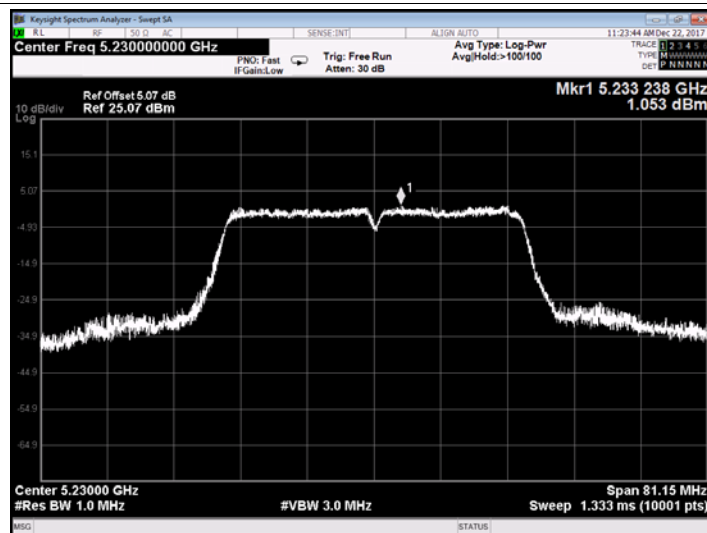
802.11 ac(20) 5240 MHz



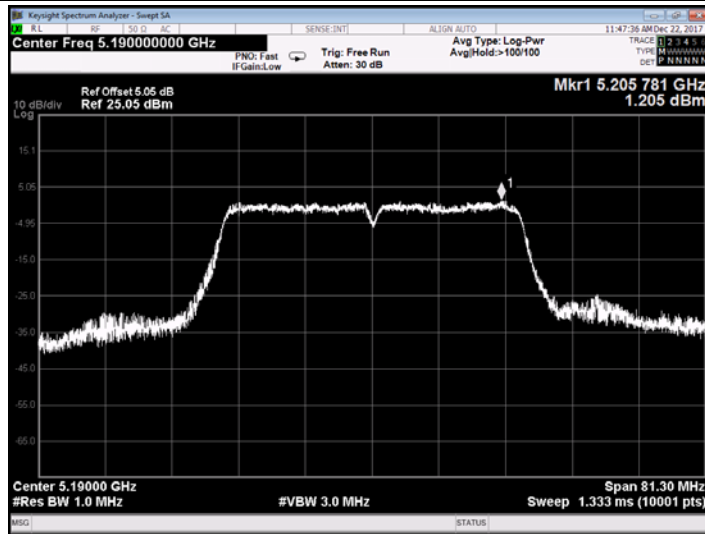
**802.11 n(40) 5190 MHz**



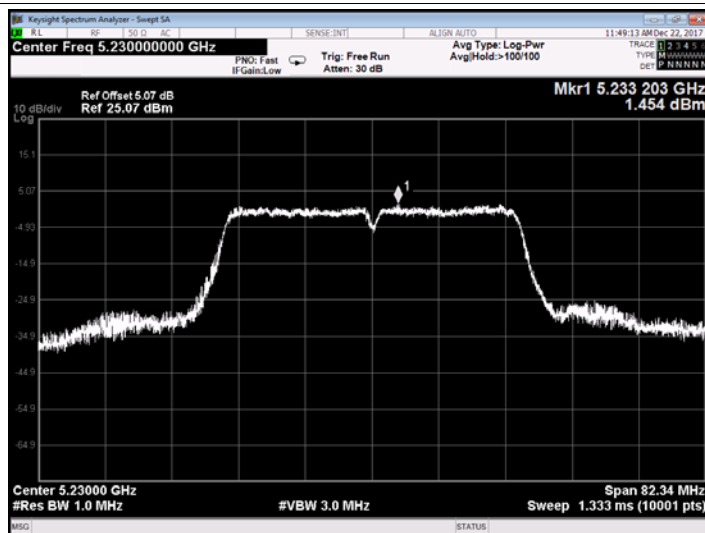
**802.11 n(40) 5230 MHz**

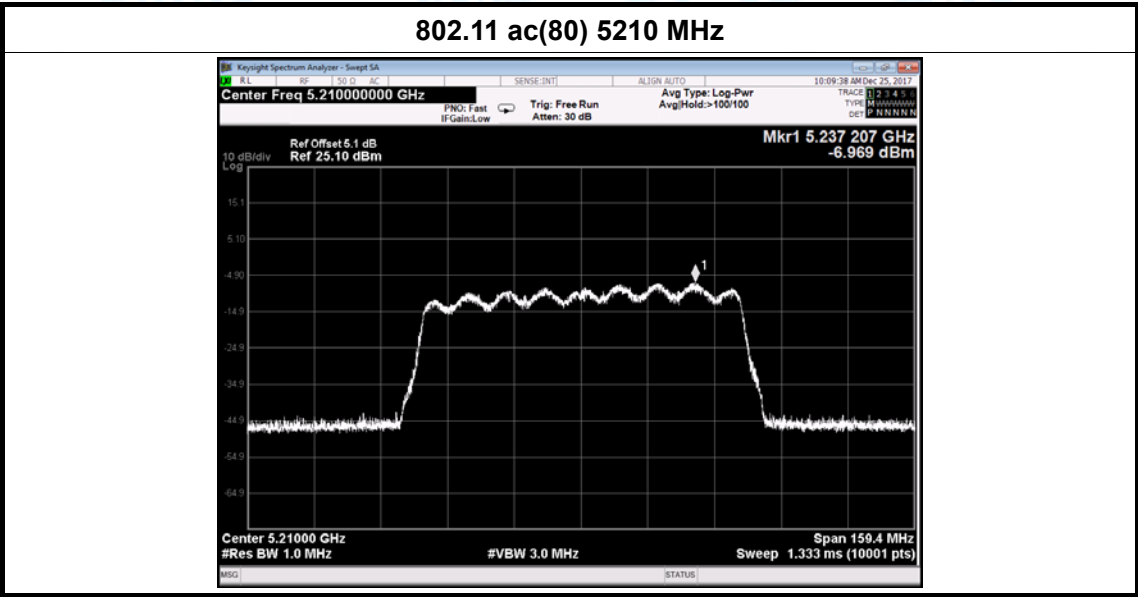


802.11 ac(40) 5190 MHz



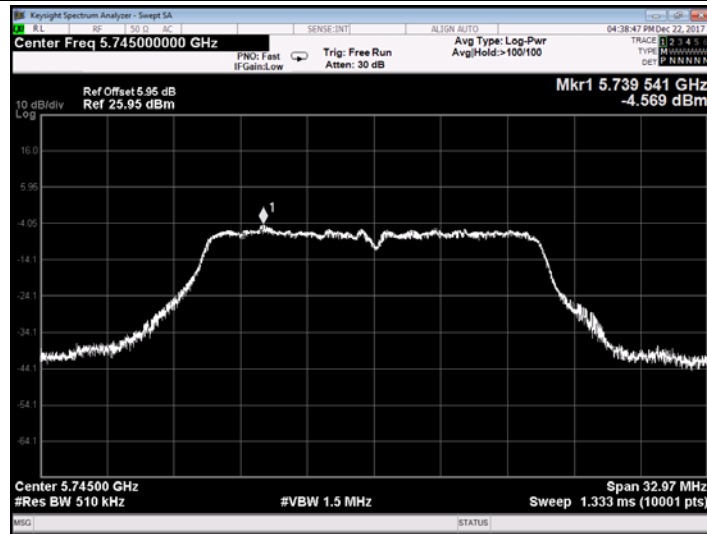
802.11 ac(40) 5230 MHz



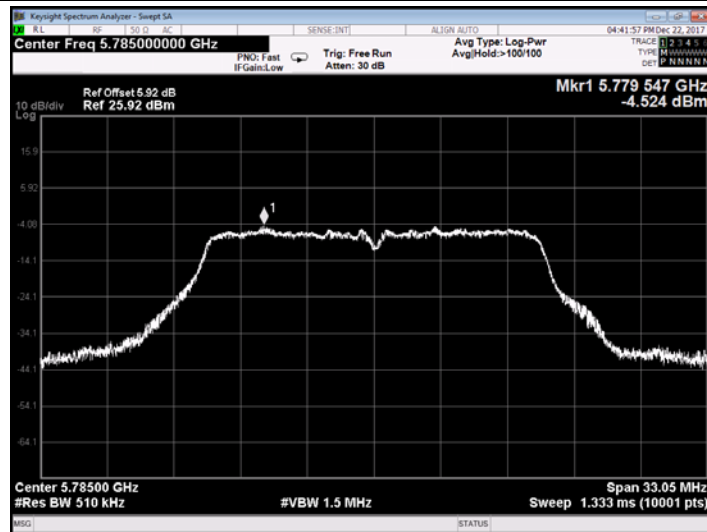


| Test Conditions:                                                               | Continuous transmitting Mode |                            |             |
|--------------------------------------------------------------------------------|------------------------------|----------------------------|-------------|
| Temperature:                                                                   | 25 °C                        | Relative Humidity:         | 55%         |
| Test Voltage:                                                                  | DC 3.7V                      |                            |             |
| U-NII-3                                                                        |                              |                            |             |
| Test Mode                                                                      | Frequency (MHz)              | Test Data                  | Limit (dBm) |
|                                                                                |                              | Power Density (dBm/510KHz) |             |
| 802.11a                                                                        | 5745                         | -4.569                     | 29          |
|                                                                                | 5785                         | -4.524                     |             |
|                                                                                | 5825                         | -4.339                     |             |
| 802.11n (HT20)                                                                 | 5745                         | -4.469                     |             |
|                                                                                | 5785                         | -4.107                     |             |
|                                                                                | 5825                         | -3.754                     |             |
| 802.11ac (HT20)                                                                | 5745                         | -5.116                     |             |
|                                                                                | 5785                         | -4.507                     |             |
|                                                                                | 5825                         | -4.745                     |             |
| 802.11n (HT40)                                                                 | 5755                         | -7.571                     |             |
|                                                                                | 5795                         | -6.964                     |             |
| 802.11ac(40)                                                                   | 5755                         | -7.625                     |             |
|                                                                                | 5795                         | -7.144                     |             |
| 802.11ac(80)                                                                   | 5775                         | -10.726                    |             |
| Result: PASS                                                                   |                              |                            |             |
| Remark:                                                                        |                              |                            |             |
| PSD <sub>out</sub> =PSD <sub>limit</sub> -(G <sub>TX</sub> -6)]=30-(7-6)=29dBm |                              |                            |             |
| Test plots please refer to below pages:                                        |                              |                            |             |

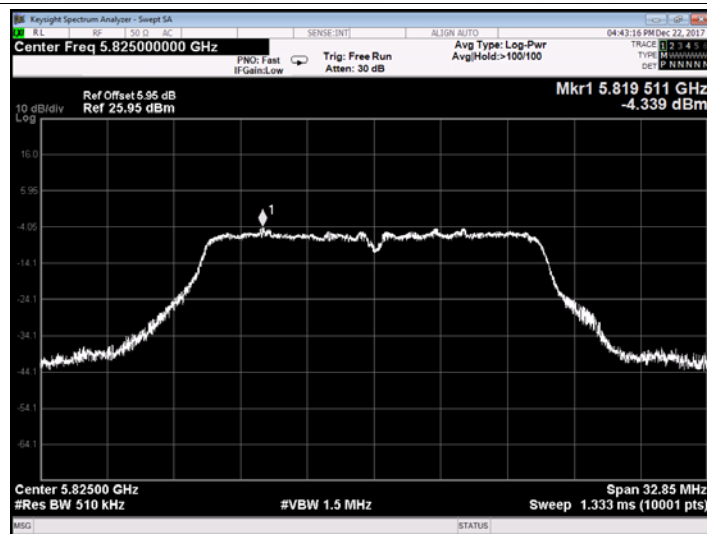
802.11 a 5745 MHz



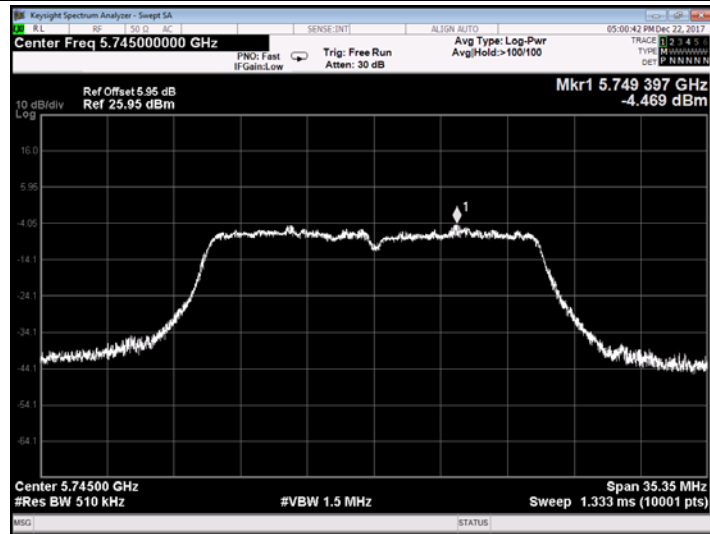
802.11 a 5785 MHz



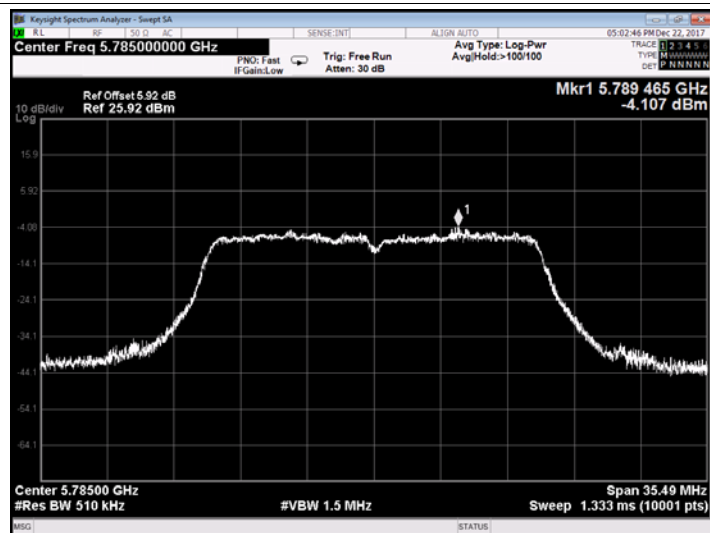
802.11 a 5825 MHz



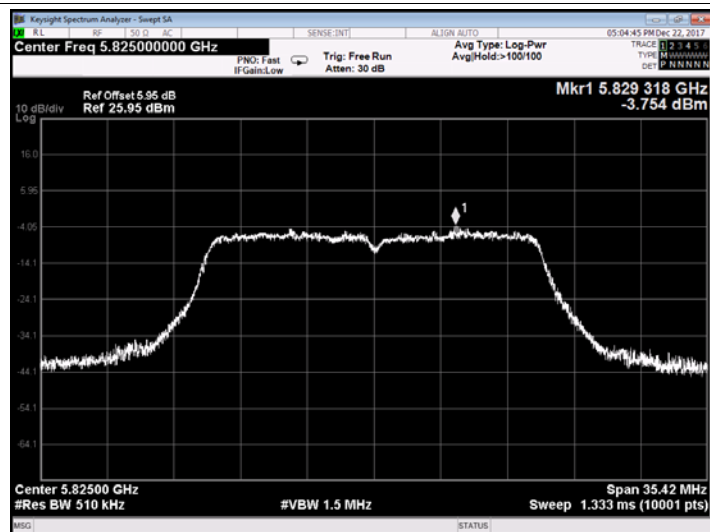
## 802.11 n(20) 5745 MHz



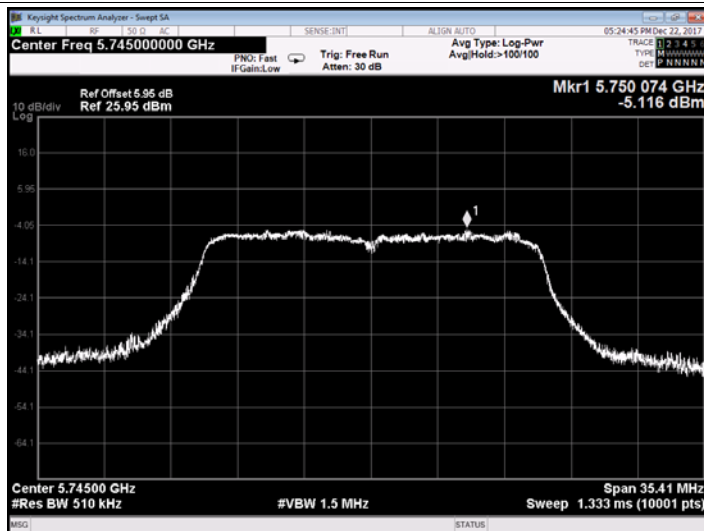
## 802.11 n(20) 5785 MHz



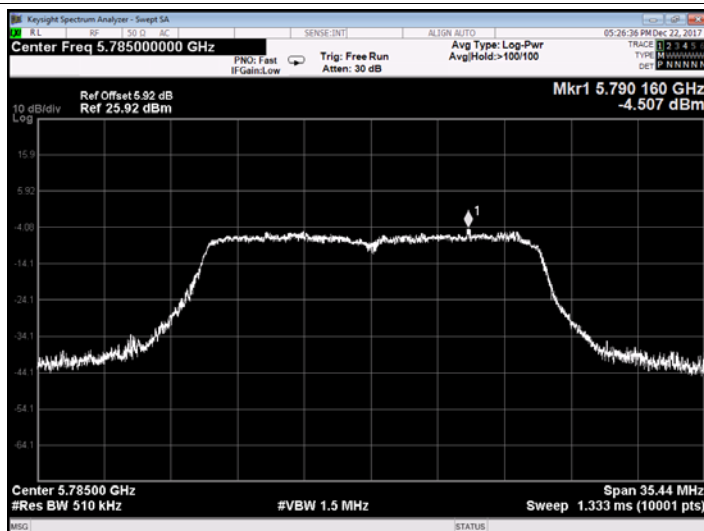
## 802.11 n(20) 5825 MHz



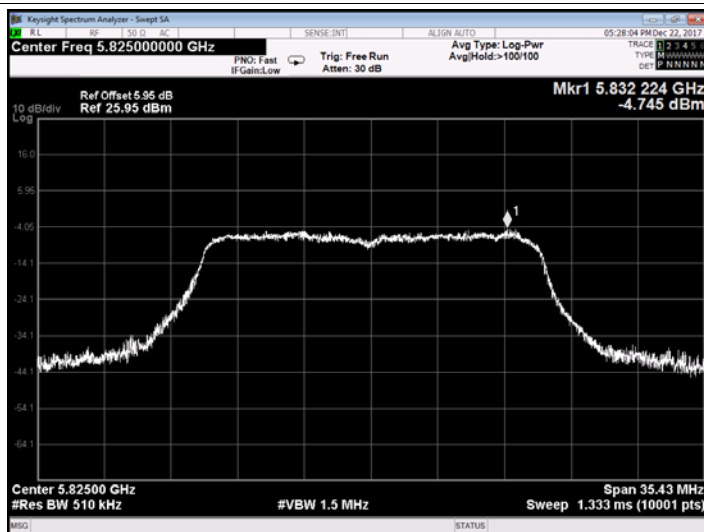
802.11 ac(20) 5745 MHz



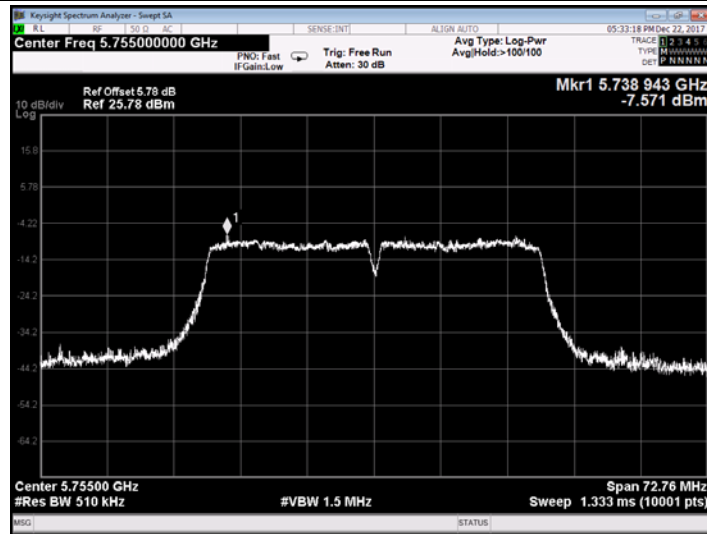
802.11 ac(20) 5785 MHz



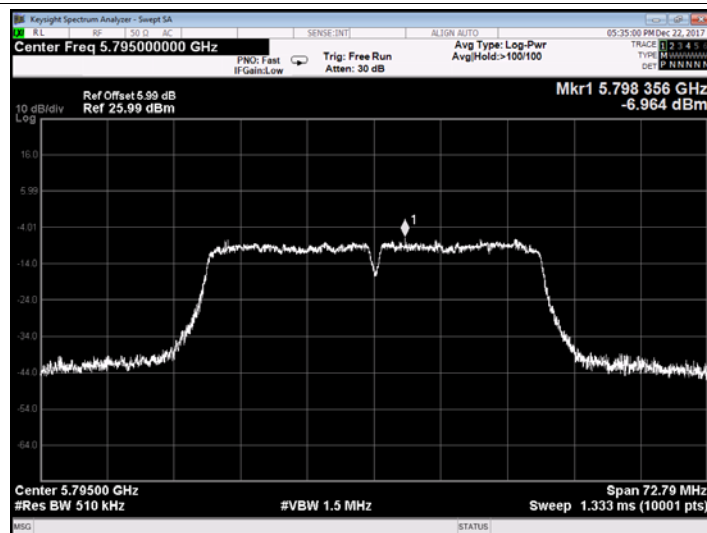
802.11 ac(20) 5825 MHz



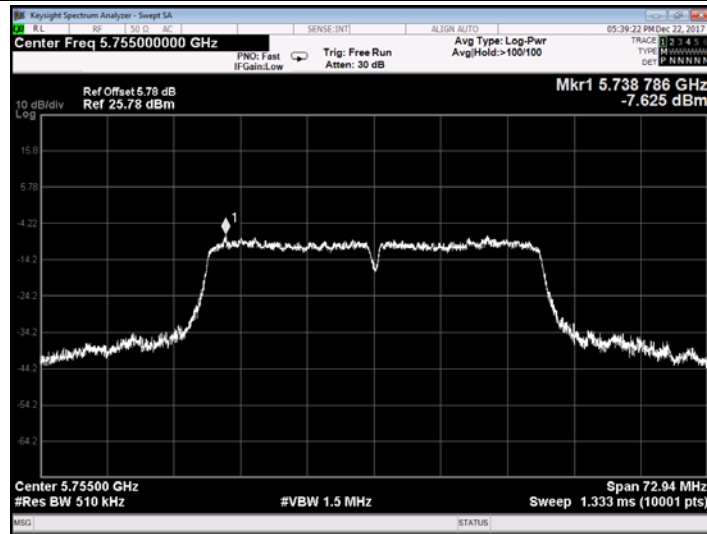
802.11 n(40) 5755 MHz



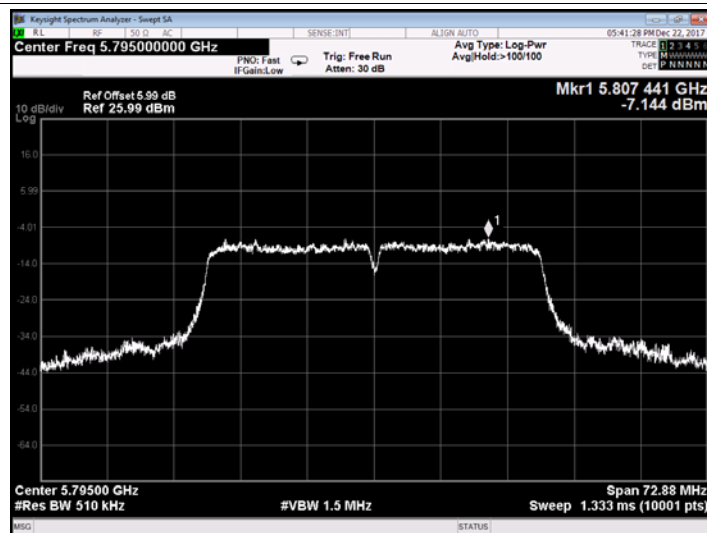
802.11 n(40) 5795 MHz

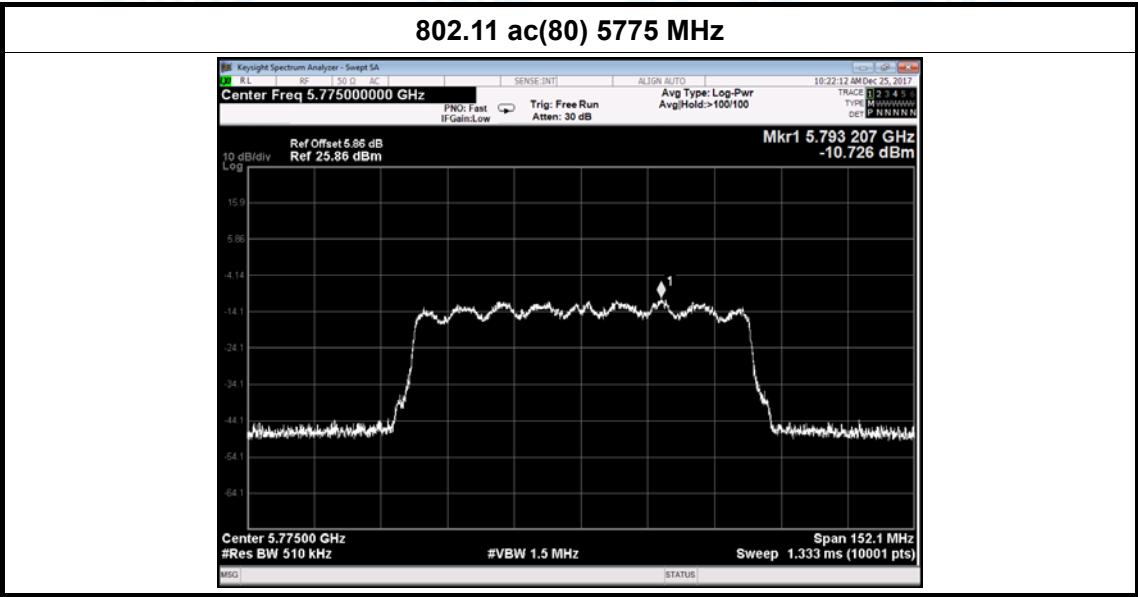


802.11 ac(40) 5755 MHz



802.11 ac(40) 5795 MHz





**Attachment G-- Frequency Stability Measurement Test Data**

| 801.11a U-NII-1: 5180 MHz           |                             |
|-------------------------------------|-----------------------------|
| Voltage vs. Frequency Stability     |                             |
| Voltage (V)                         | Measurement Frequency (MHz) |
| 3.70                                | 5179.9951                   |
| 4.20                                | 5179.9954                   |
| 3.15                                | 5179.9945                   |
| Max. Deviation (MHz)                | 0.055                       |
| Max. Deviation (ppm)                | 1.06                        |
| Temperature vs. Frequency Stability |                             |
| Temperature (°C)                    | Measurement Frequency (MHz) |
| 0                                   | 5179.9918                   |
| 10                                  | 5179.9927                   |
| 20                                  | 5179.9936                   |
| 30                                  | 5179.9941                   |
| 40                                  | 5179.9951                   |
| 50                                  | 5179.9985                   |
| Max. Deviation (MHz)                | 0.0082                      |
| Max. Deviation (ppm)                | 1.58                        |
| Limit (ppm)                         | 20                          |
| Result                              | Pass                        |

| 801.11a U-NII-3: 5745 MHz           |                             |
|-------------------------------------|-----------------------------|
| Voltage vs. Frequency Stability     |                             |
| Voltage (V)                         | Measurement Frequency (MHz) |
| 3.70                                | 5745.0054                   |
| 4.20                                | 5745.0093                   |
| 3.15                                | 5745.0097                   |
| Max. Deviation (MHz)                | 0.0097                      |
| Max. Deviation (ppm)                | 1.69                        |
| Temperature vs. Frequency Stability |                             |
| Temperature (°C)                    | Measurement Frequency (MHz) |
| 0                                   | 5745.0078                   |
| 10                                  | 5745.0051                   |
| 20                                  | 5745.0084                   |
| 30                                  | 5745.0052                   |
| 40                                  | 5745.0041                   |
| 50                                  | 5745.0058                   |
| Max. Deviation (MHz)                | 0.0084                      |
| Max. Deviation (ppm)                | 1.46                        |
| Limit (ppm)                         | 20                          |
| Result                              | Pass                        |