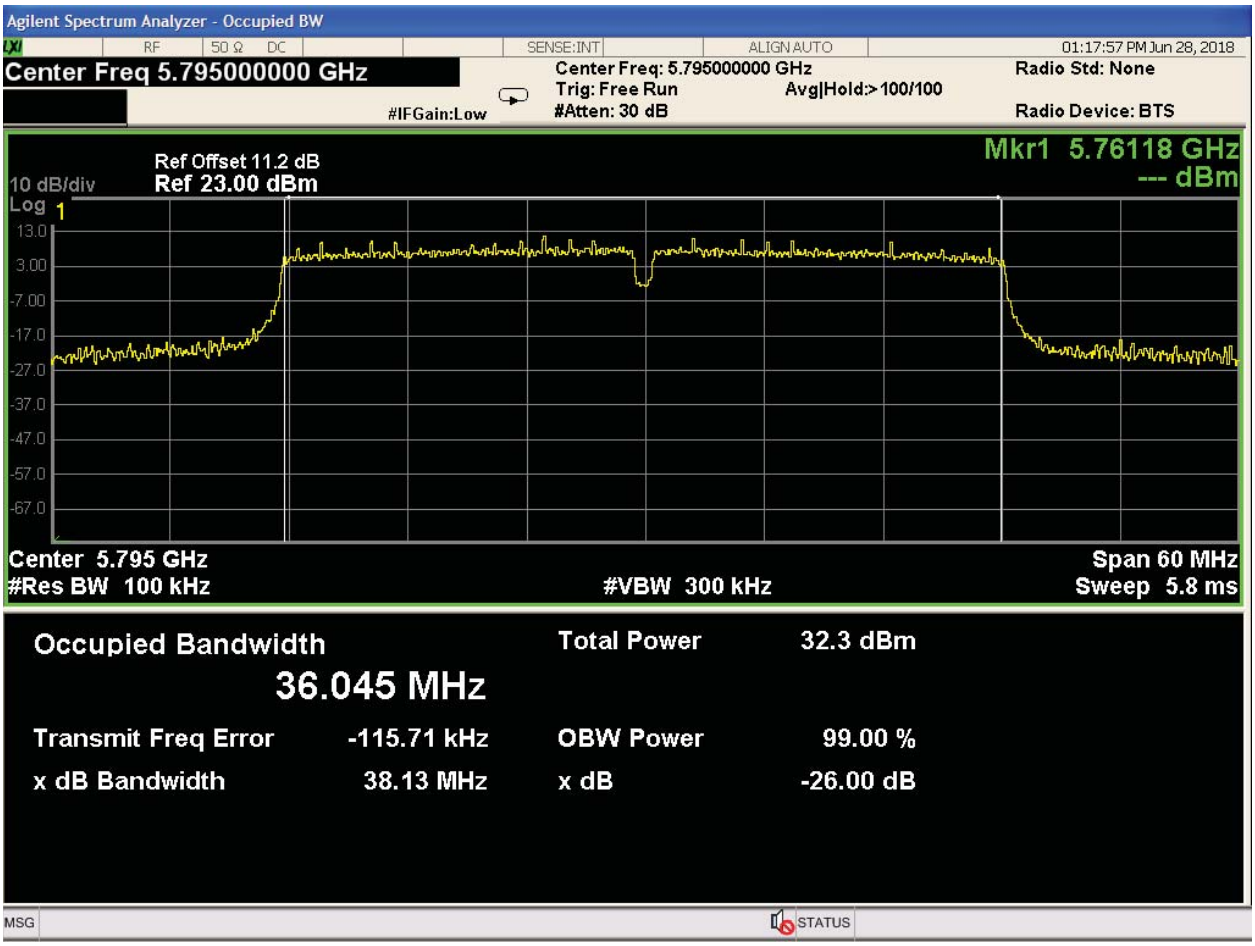
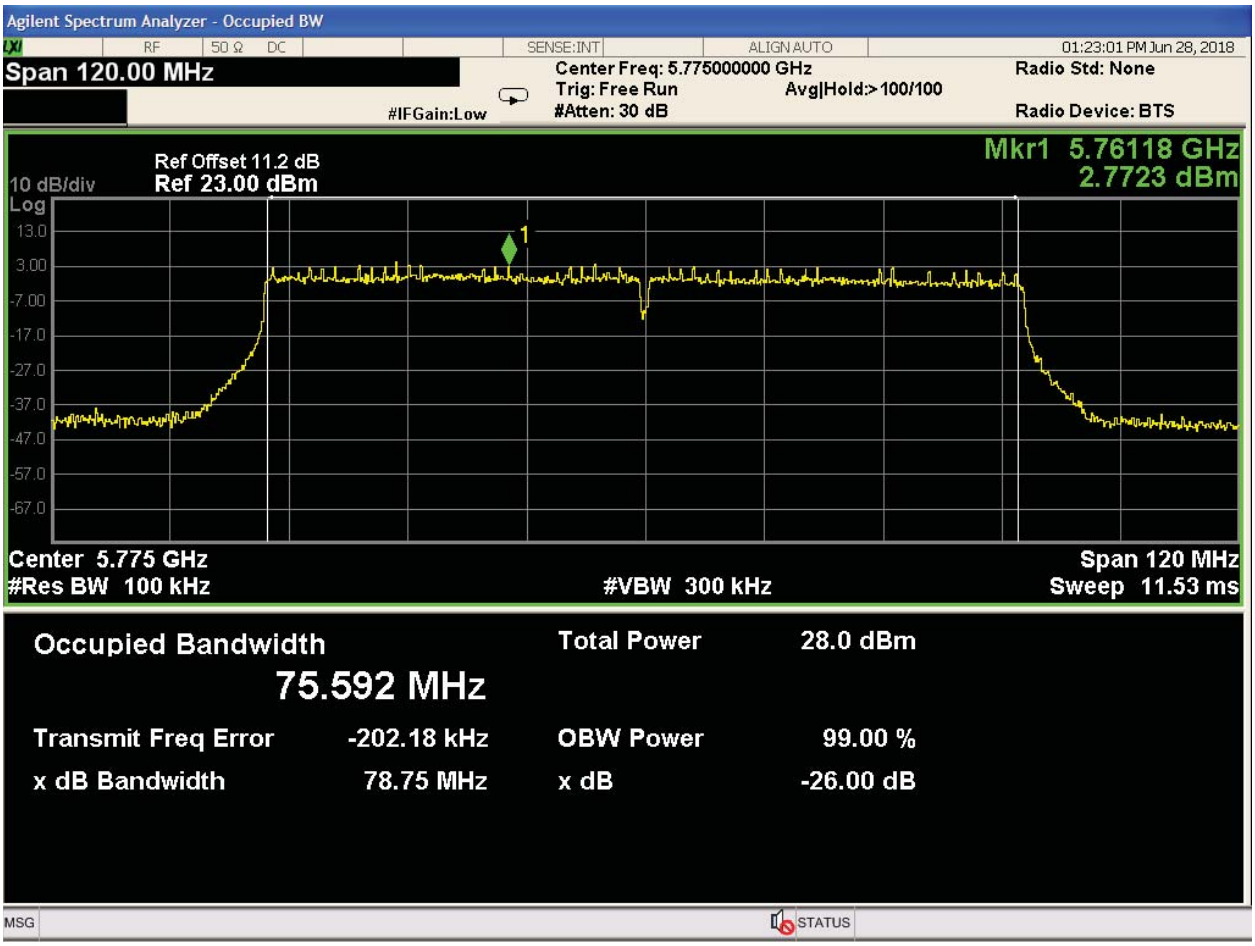
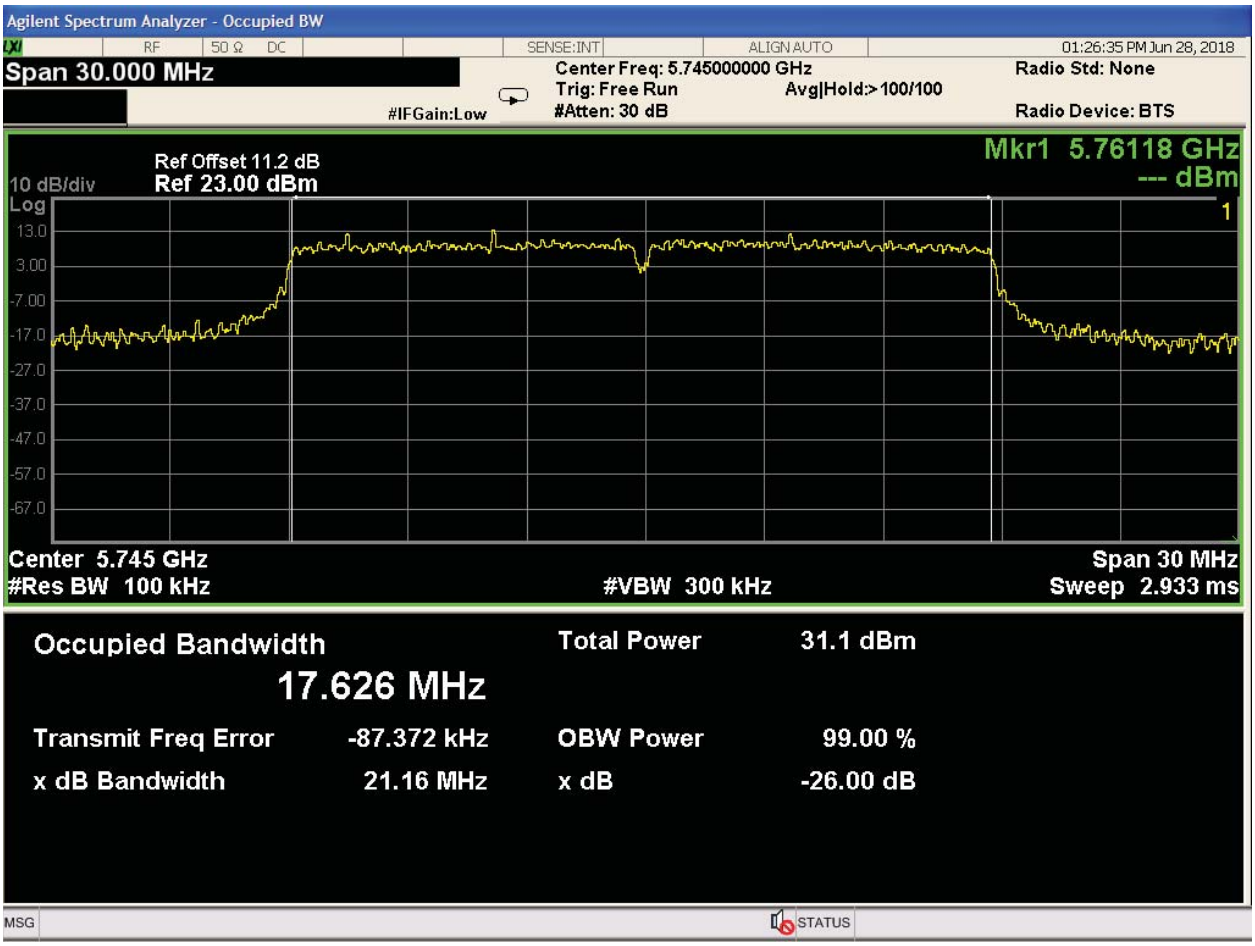


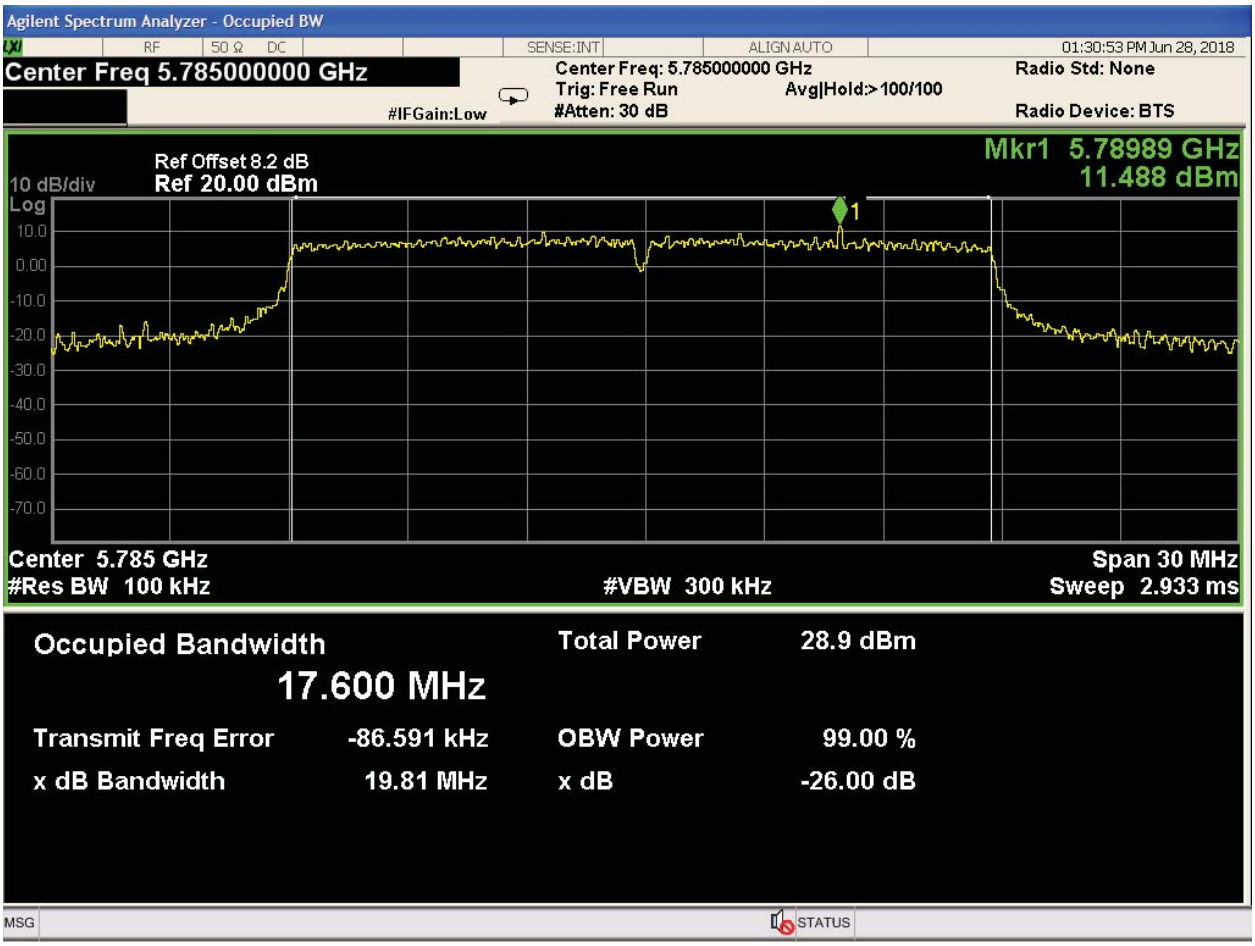

Bandwidth channel 159 HT40



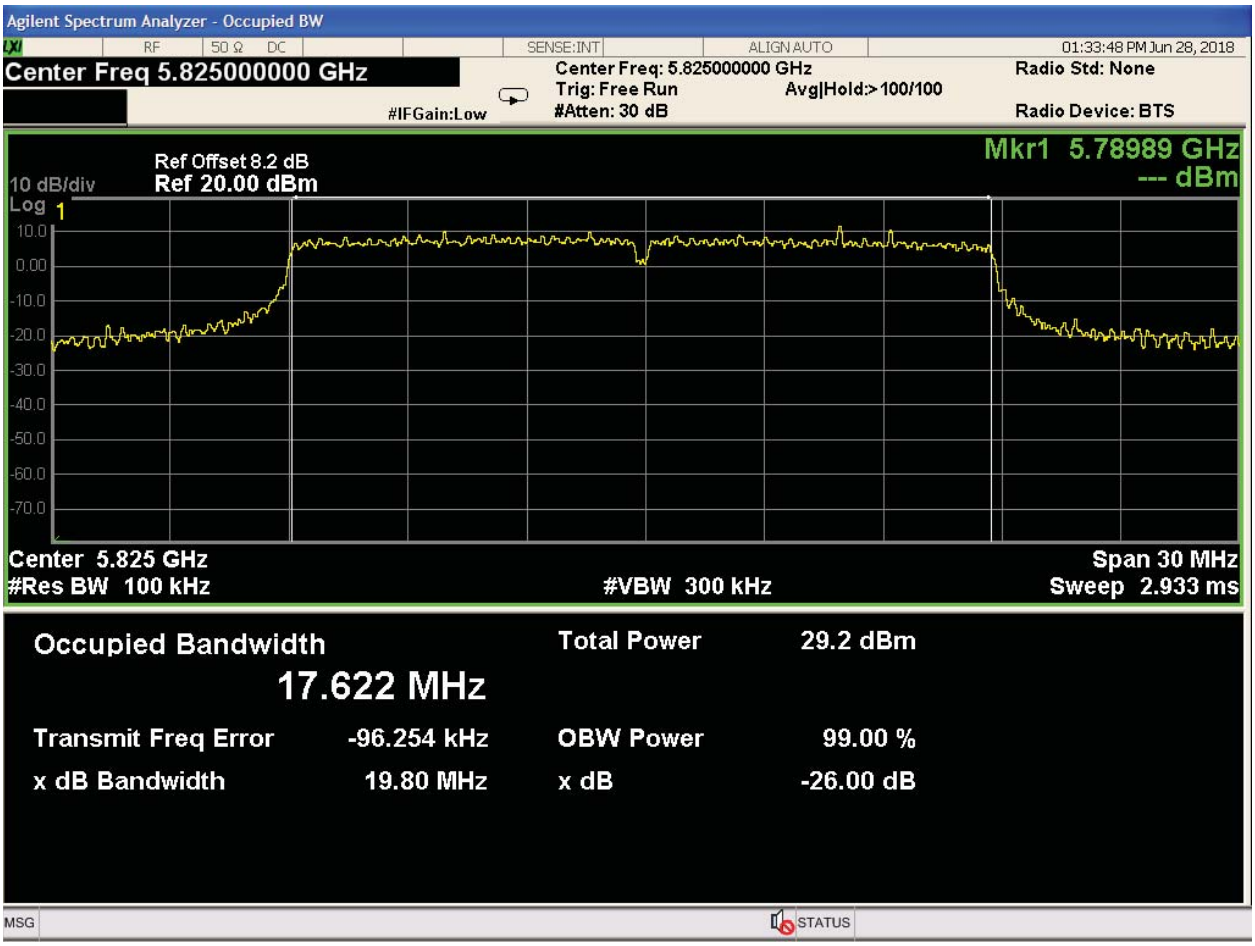

Bandwidth channel 155 VHT80



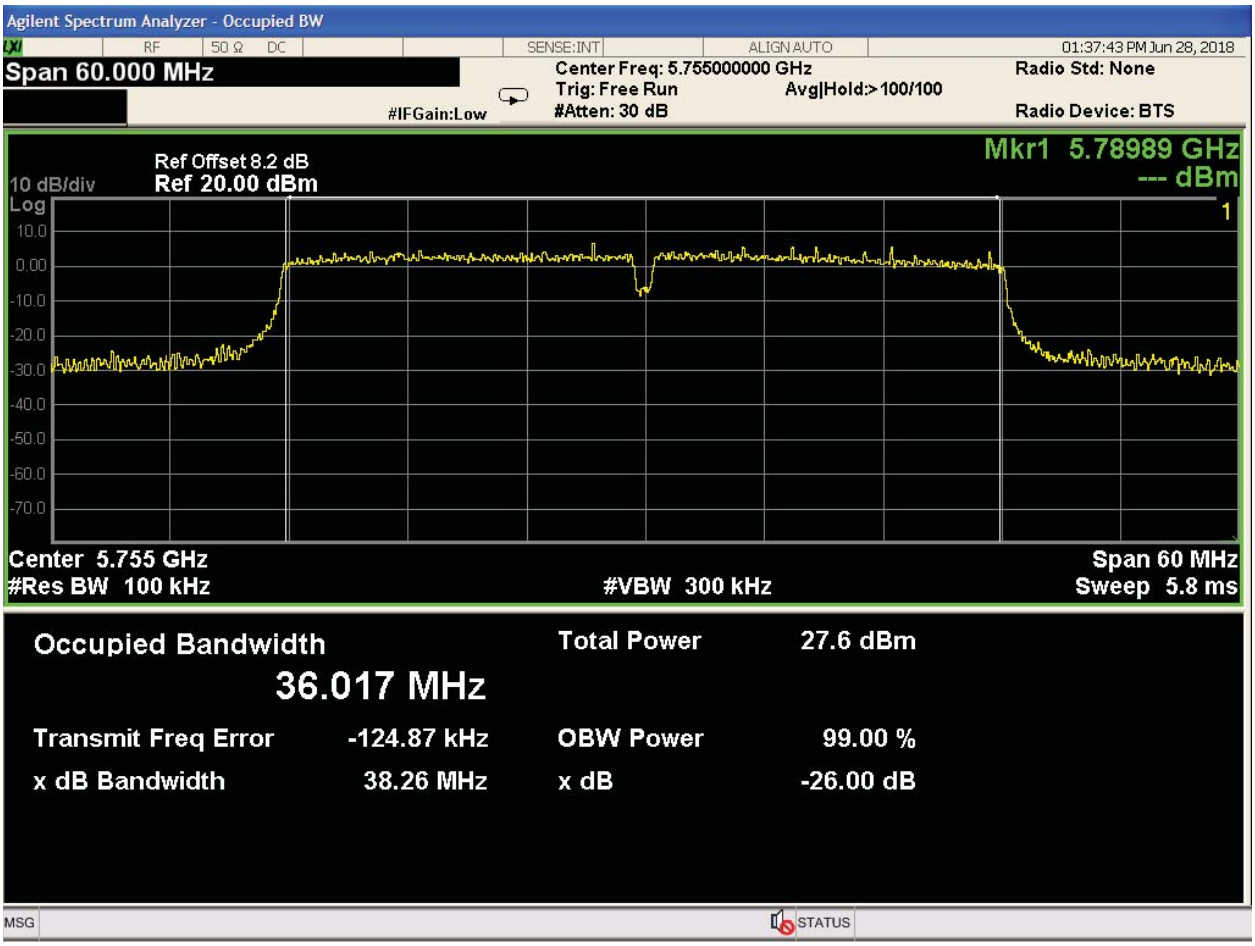

Bandwidth channel 149 VHT20



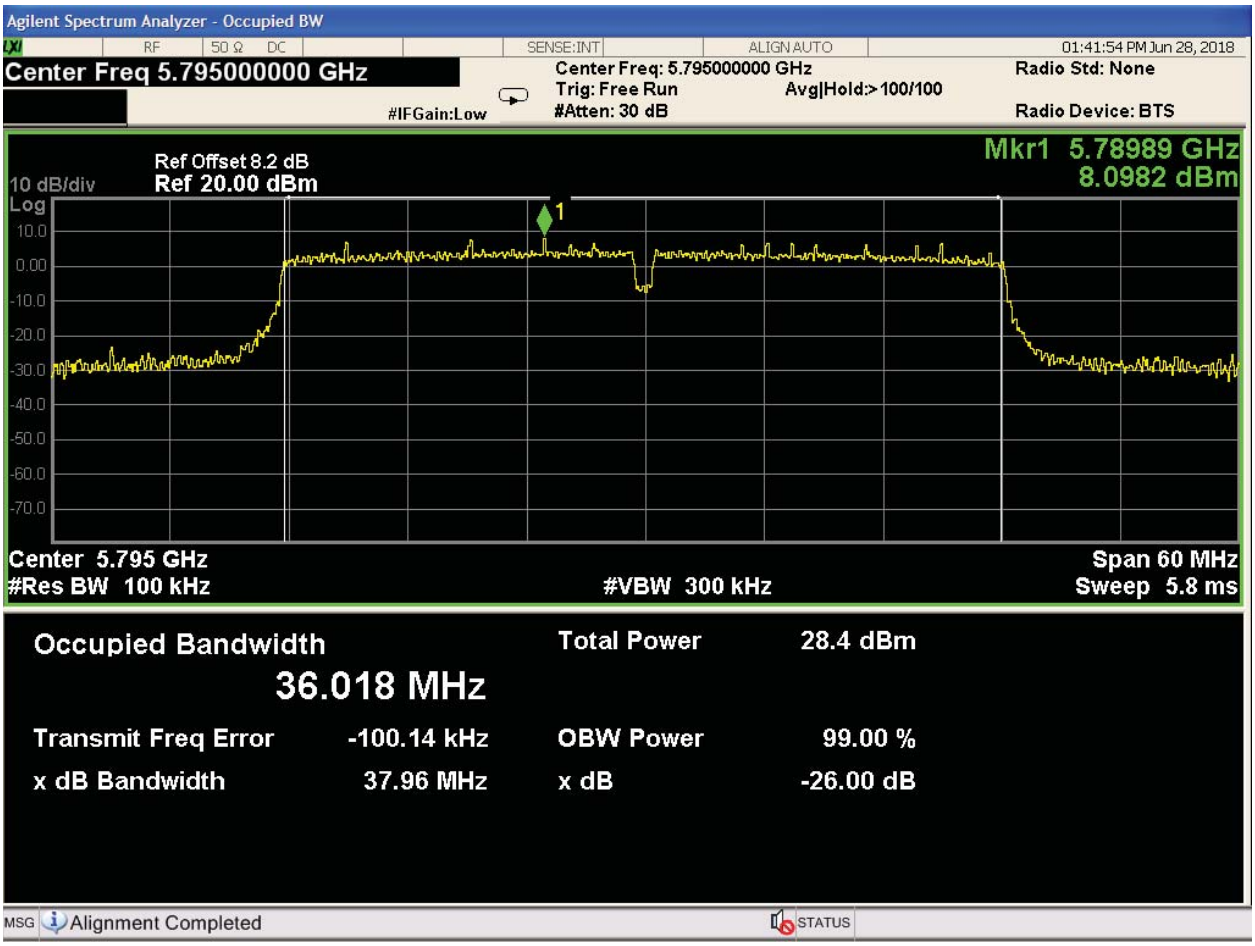

Bandwidth channel 157 VHT20



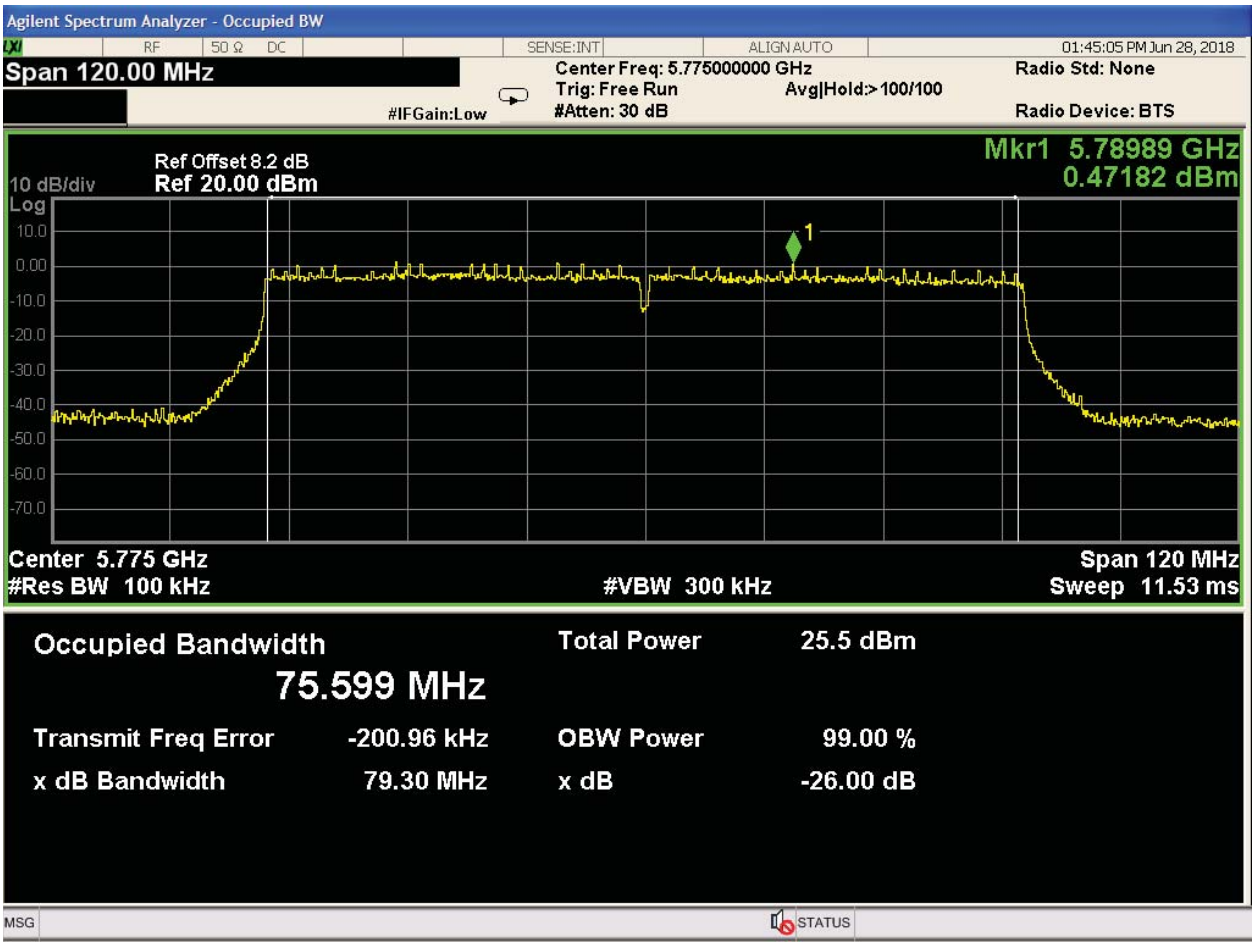

Bandwidth channel 165 VHT20




Bandwidth channel 151 VHT40




Bandwidth channel 159 VHT40




Bandwidth channel 155 VHT80 w/BF

## 6.4 Occupied Bandwidth

Test Method

The ANSI C63.10-2013 Section 6.9.3 and 12.4.1 Conducted method was used to measure the 99% and the 26 db bandwidth using the OBW measurement function of the spectrum analyzer. The preliminary investigation was performed at different data rate to determine the highest power output for each mode. The system was powered on and port 1 connected to the Spectrum analyzer. A diag program called QRCT was used to set the AP in continuous Tx mode and also to set the channel, channel power and data rate. This test was conducted on 3 channels for each of the throughput modes. The analyzer was configured as follows.

Cable loss and duty cycle correction were entered as an offset

RBW= 1 to 5% of the OBW

VBW= 3 x OBW

Span= Adjusted to ~1.5x26db BW

SWT= auto

Detector = peak

The 99% bandwidth function of the analyzer was adjusted to the settings above and was used to report also the 26 db bandwidth.

| | |
|---|---|
| **Test Conditions:** Conducted Measurement (SA), Normal Temperature | **Date**: 6/27/2018 |
| **Antenna Type:** | Stamped metal dipole |
| **Duty cycle correction: see sect. 5** | Data Rate: 6mbps, MCS0 |
| **Ambient Temp.: 23º C** | Relative Humidity: 38 %RH |

### 6.4.1 99% and 26db Bandwidth results

| 99% Occupied bandwidth UNII-1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mode | Channel 36 | Channel 44 | Channel 48 | Channel 38 | Channel 46 | Channel 42 | |
| nonHT | 16.34 | 16.36 | 16.36 | n/a | n/a | n/a | |
| HT40 | n/a | n/a | n/a | 36.07 | 36.87 | n/a | |
| VHT20 BF | 17.60 | 17.59 | 17.59 | n/a | n/a | n/a | |
| VHT40 BF | n/a | n/a | n/a | 36.96 | 35.83 | n/a | |
| VHT80 | n/a | n/a | n/a | n/a | n/a | 75.52 | |
| VHT80 BF | n/a | n/a | n/a | n/a | n/a | 75.51 | |

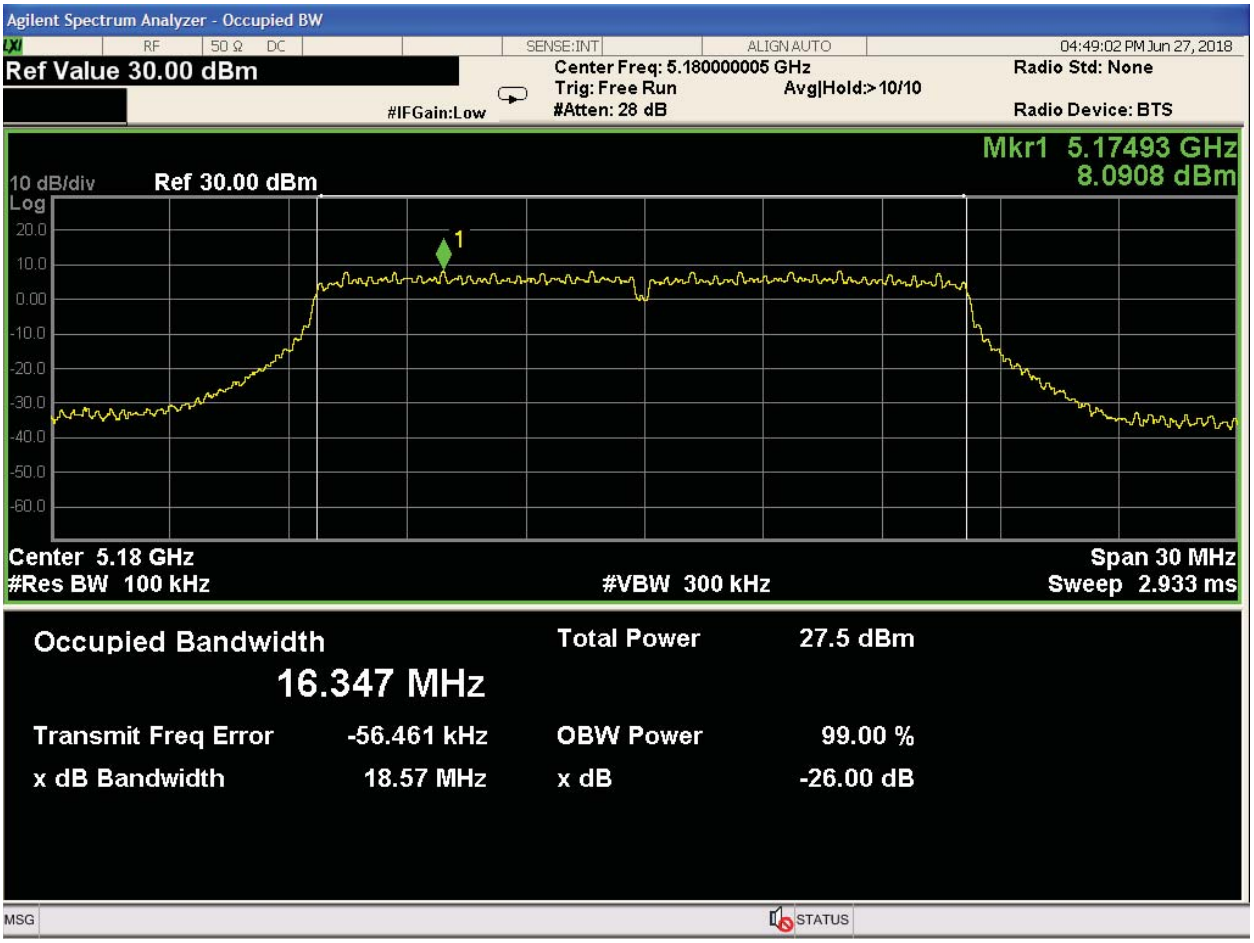
| 99% Occupied bandwidth UNII-3 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mode | Channel 149 | Channel 157 | Channel 165 | Channel 151 | Channel 159 | Channel 155 | |
| nonHT | 16.43 | 16.40 | 16.40 | n/a | n/a | n/a | |
| HT40 | n/a | n/a | n/a | 36.05 | 36.04 | n/a | |
| VHT20 BF | 17.62 | 17.60 | 17.62 | n/a | n/a | n/a | |
| VHT40 BF | n/a | n/a | n/a | 36.01 | 36.01 | n/a | |
| VHT80 | n/a | n/a | n/a | n/a | n/a | 75.59 | |
| VHT80BF | n/a | n/a | n/a | n/a | n/a | 75.59 | |

| 26 db Occupied bandwidth UNII-1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mode | Channel 36 | Channel 44 | Channel 48 | Channel 38 | Channel 46 | Channel 42 | |
| nonHT | 18.57 | 18.65 | 18.41 | n/a | n/a | n/a | |
| HT40 | n/a | n/a | n/a | 38.17 | 37.91 | n/a | |
| VHT20 BF | 19.89 | 19.35 | 19.37 | n/a | n/a | n/a | |
| VHT40 BF | n/a | n/a | n/a | 37.91 | 38.13 | n/a | |
| VHT80 | n/a | n/a | n/a | n/a | n/a | 79.13 | |
| VHT80 BF | n/a | n/a | n/a | n/a | n/a | 79.34 | |

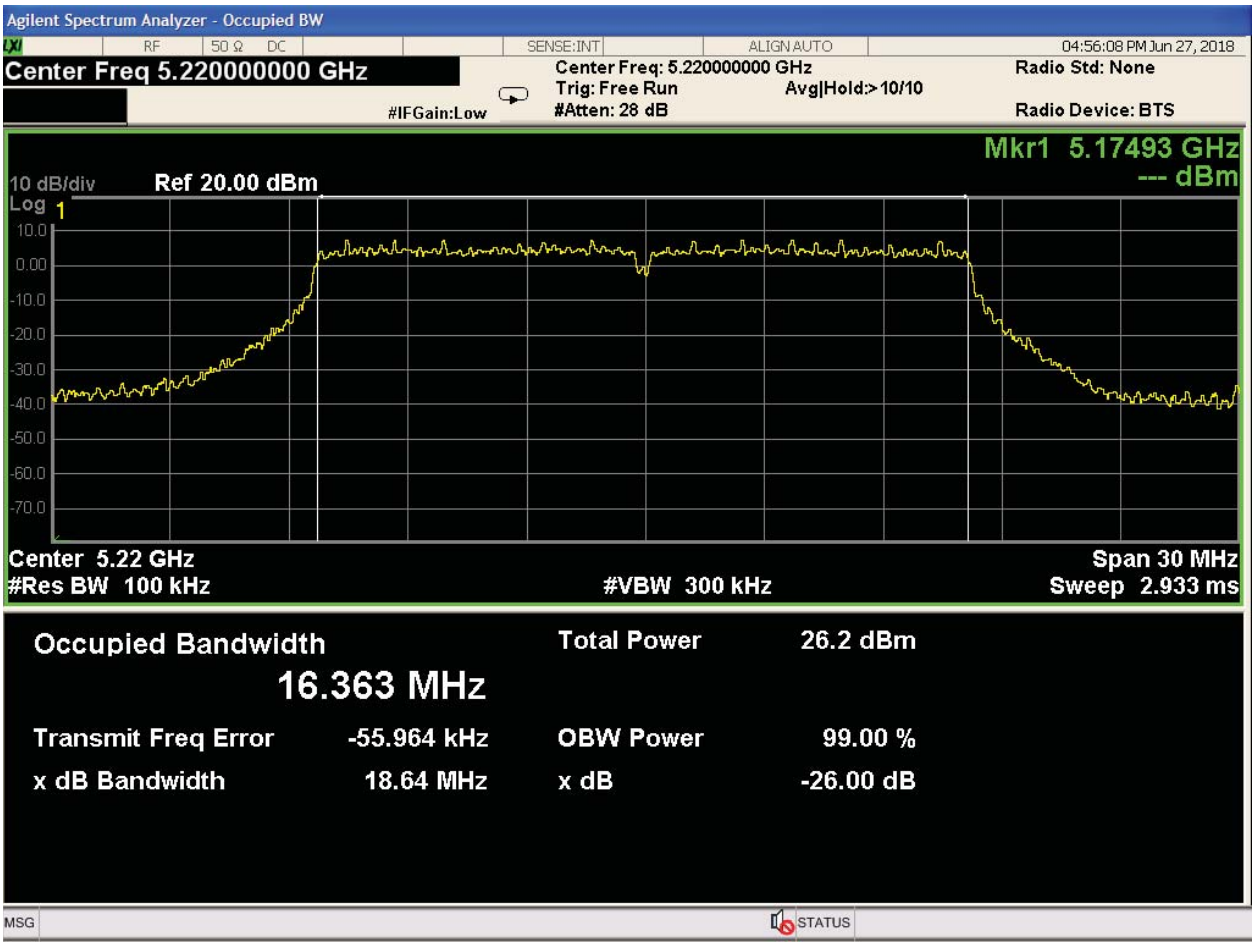
| 26 db Occupied bandwidth UNII-3 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mode | Channel 149 | Channel 157 | Channel 165 | Channel 151 | Channel 159 | Channel 155 | |
| nonHT | 23.77 | 20.05 | 21.93 | n/a | n/a | n/a | |
| HT40 | n/a | n/a | n/a | 38.23 | 38.13 | n/a | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| VHT20 BF | 21.16 | 19.81 | 19.80 | n/a | n/a | n/a | |
| VHT40 BF | n/a | n/a | n/a | 38.26 | 37.96 | n/a | |
| VHT80 | n/a | n/a | n/a | n/a | n/a | 78.75 | |
| VHT80BF | n/a | n/a | n/a | n/a | n/a | 75.59 | |

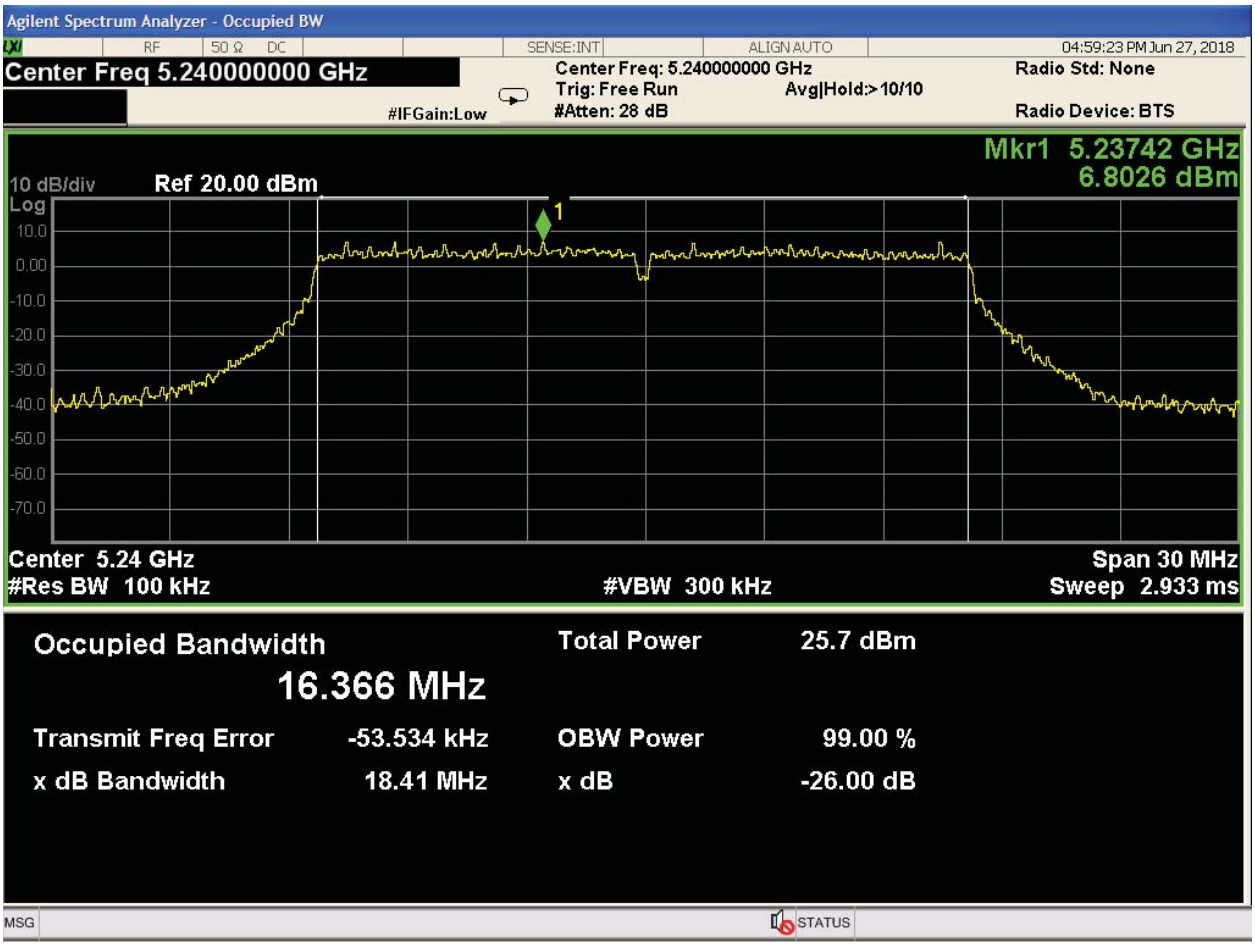
Occupied Bandwidth UNII-1



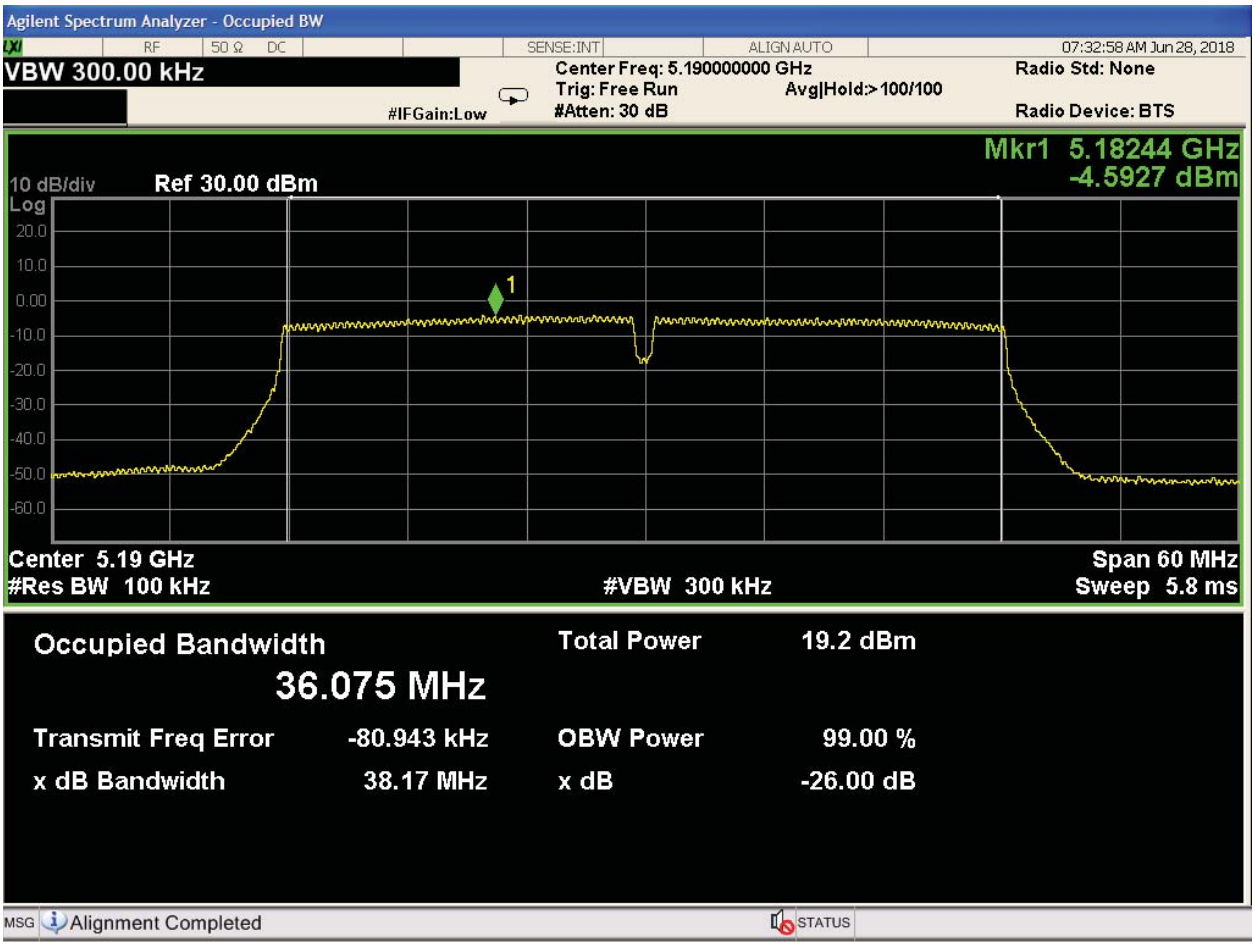

Bandwidth channel 36 nonHT



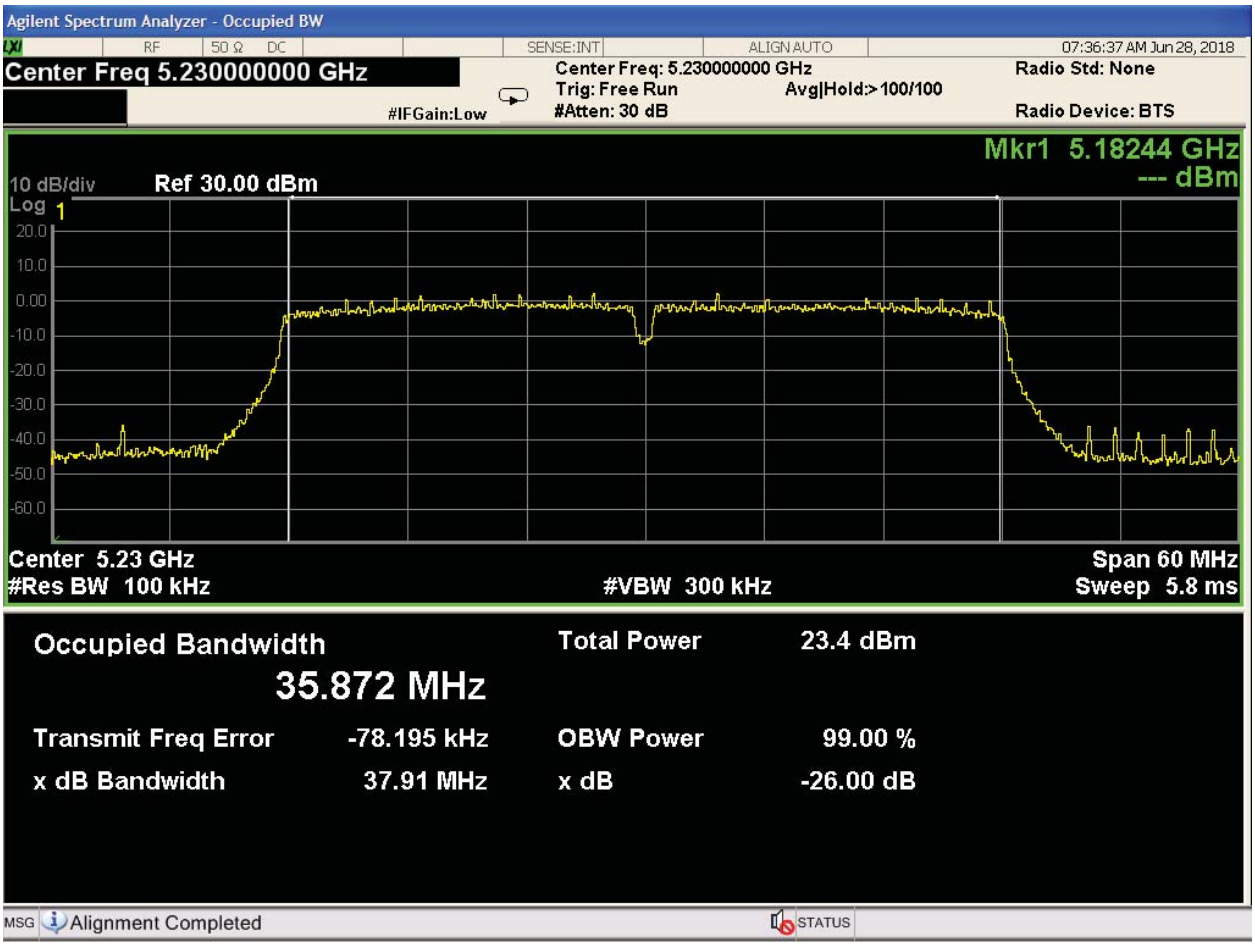

Bandwidth channel 44 nonHT



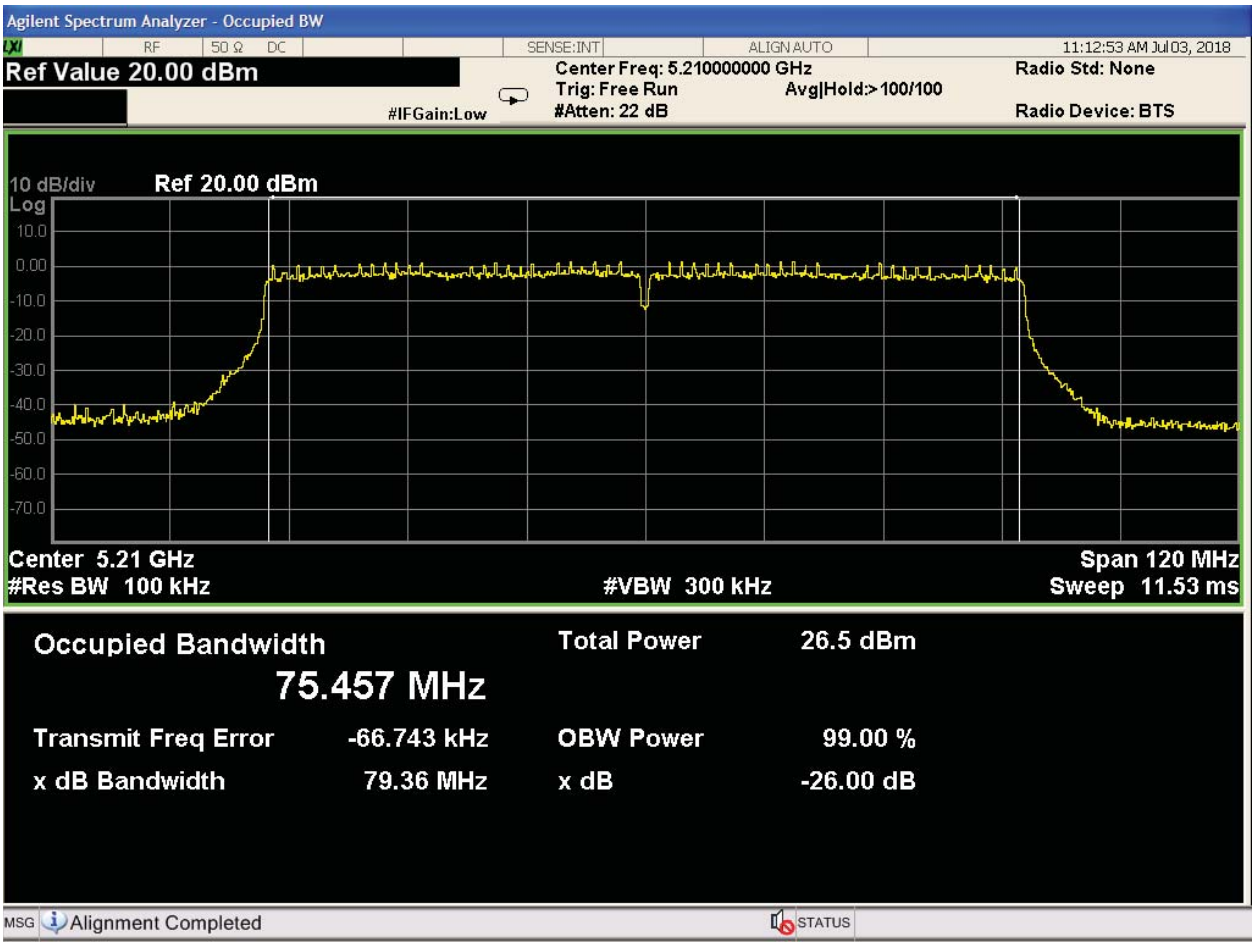

Bandwidth channel 48 nonHT



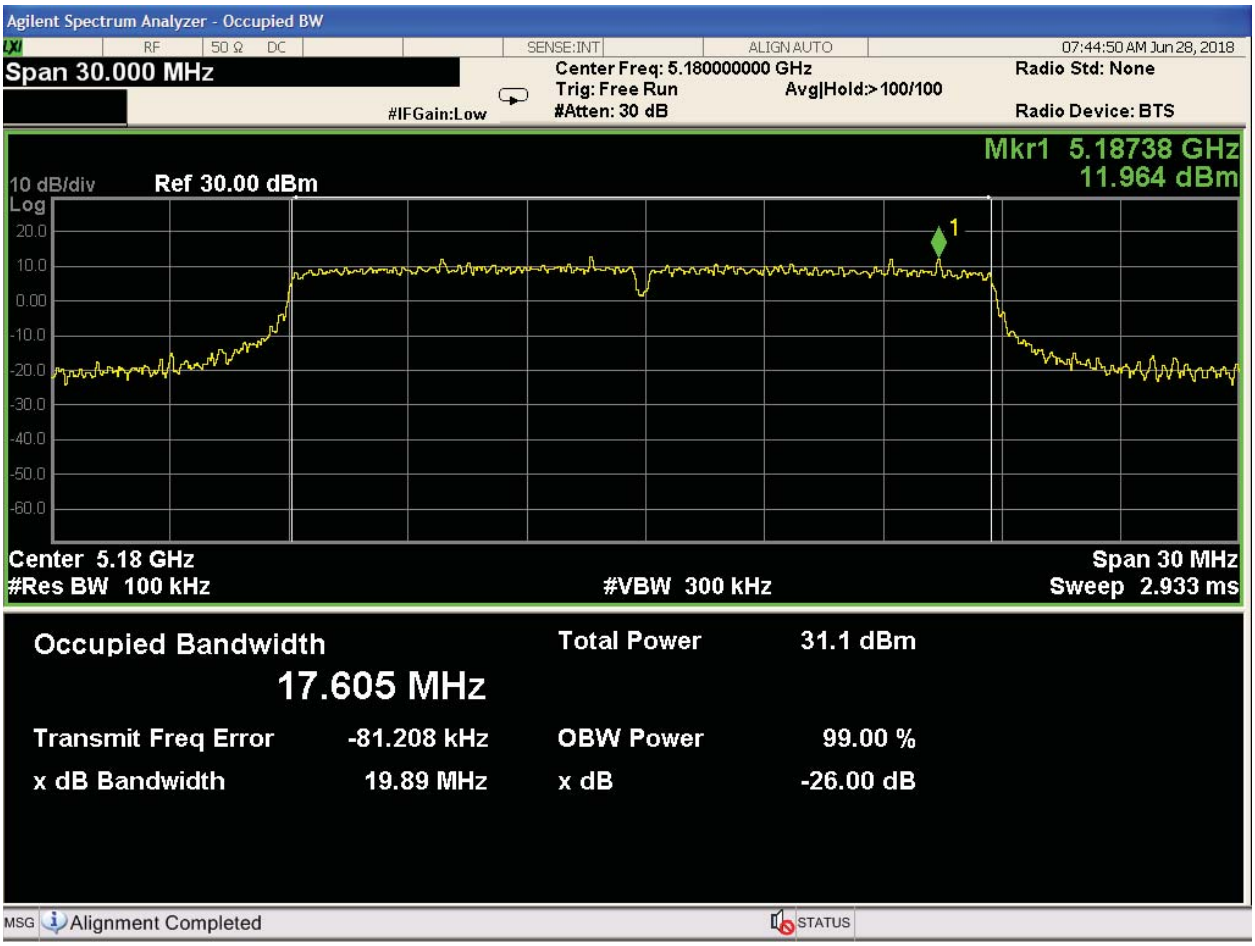

Bandwidth channel 38 HT40



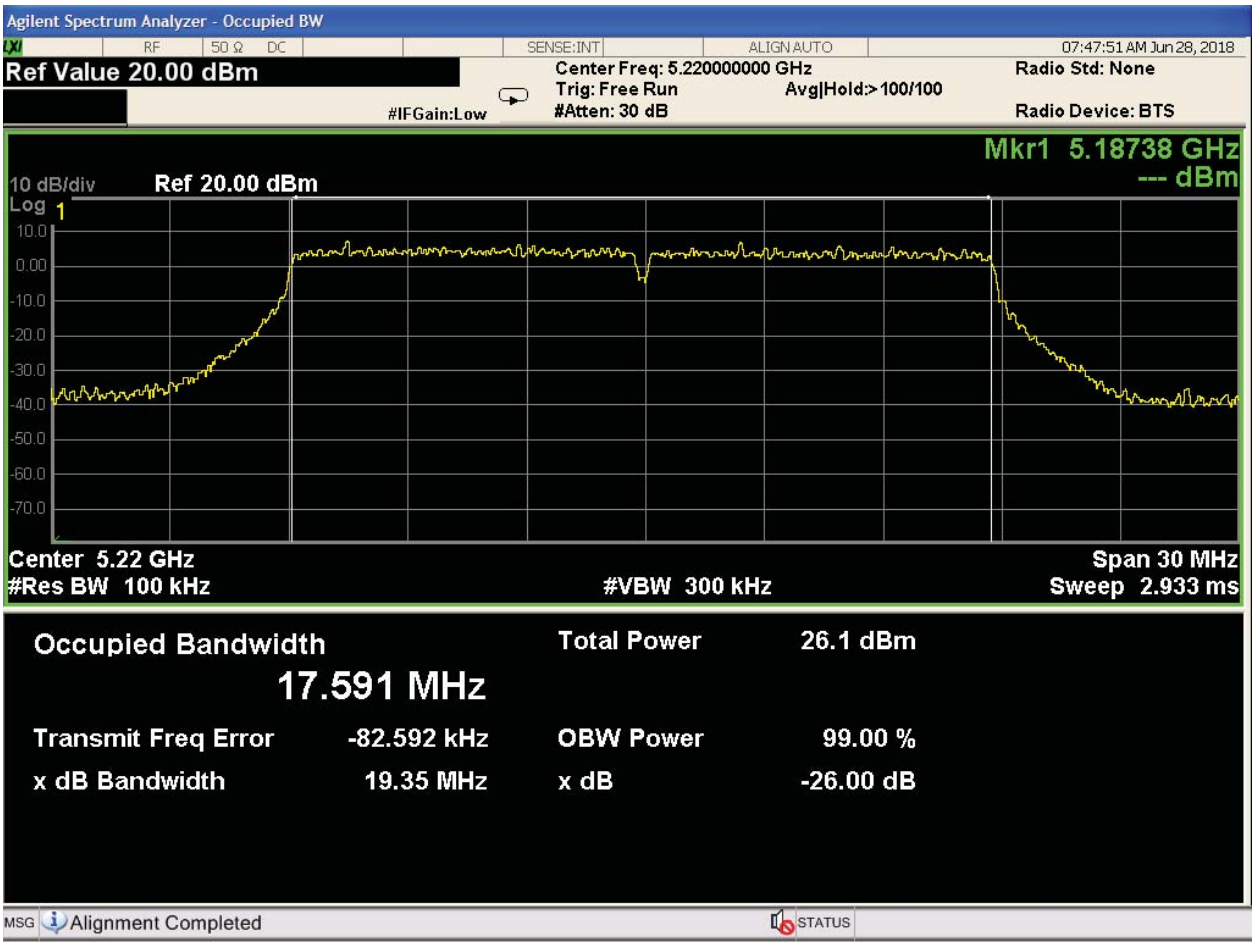

Bandwidth channel 46 HT40



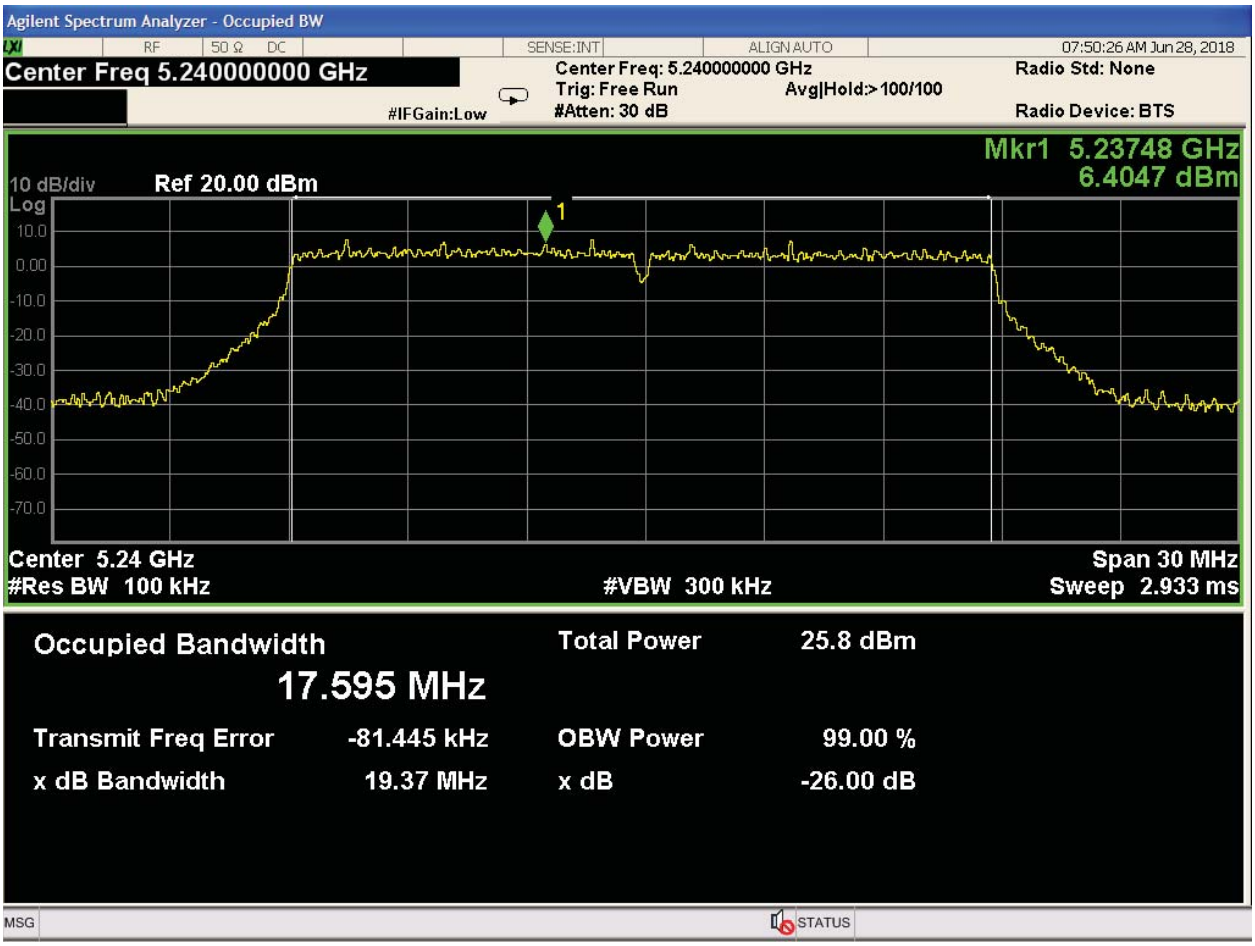

Bandwidth channel 42 VHT80



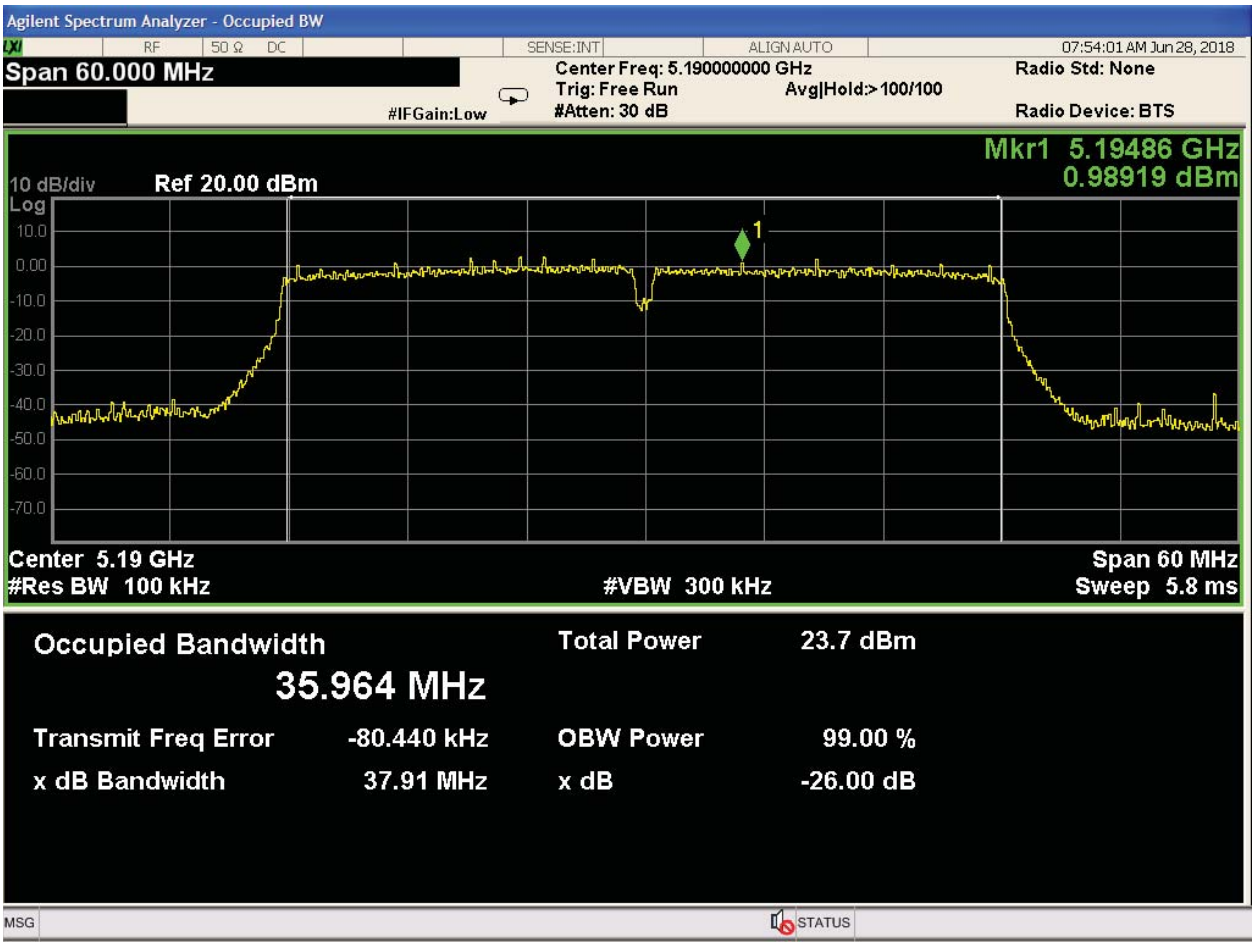

Bandwidth channel 36 VHT20



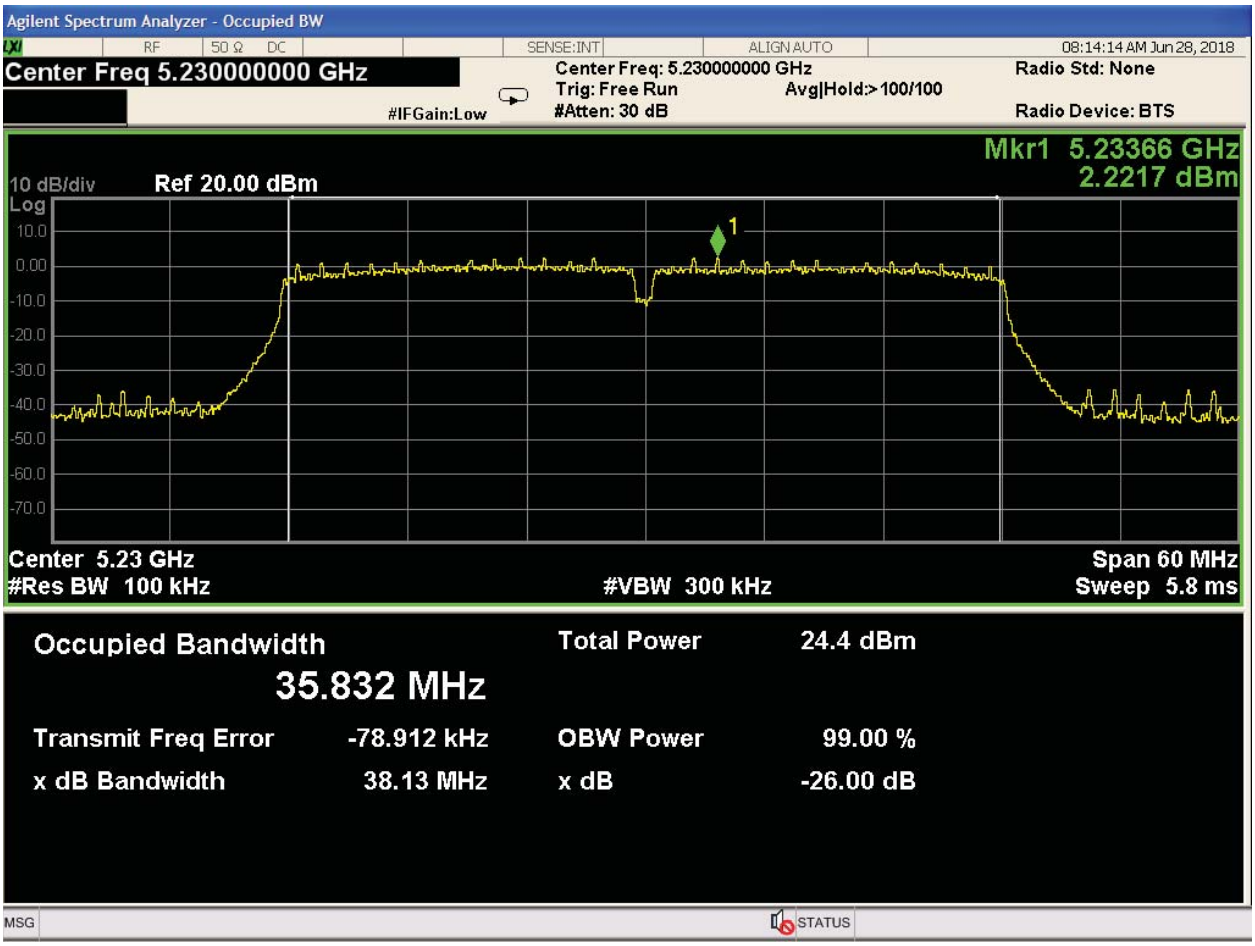

Bandwidth channel 44 VHT20



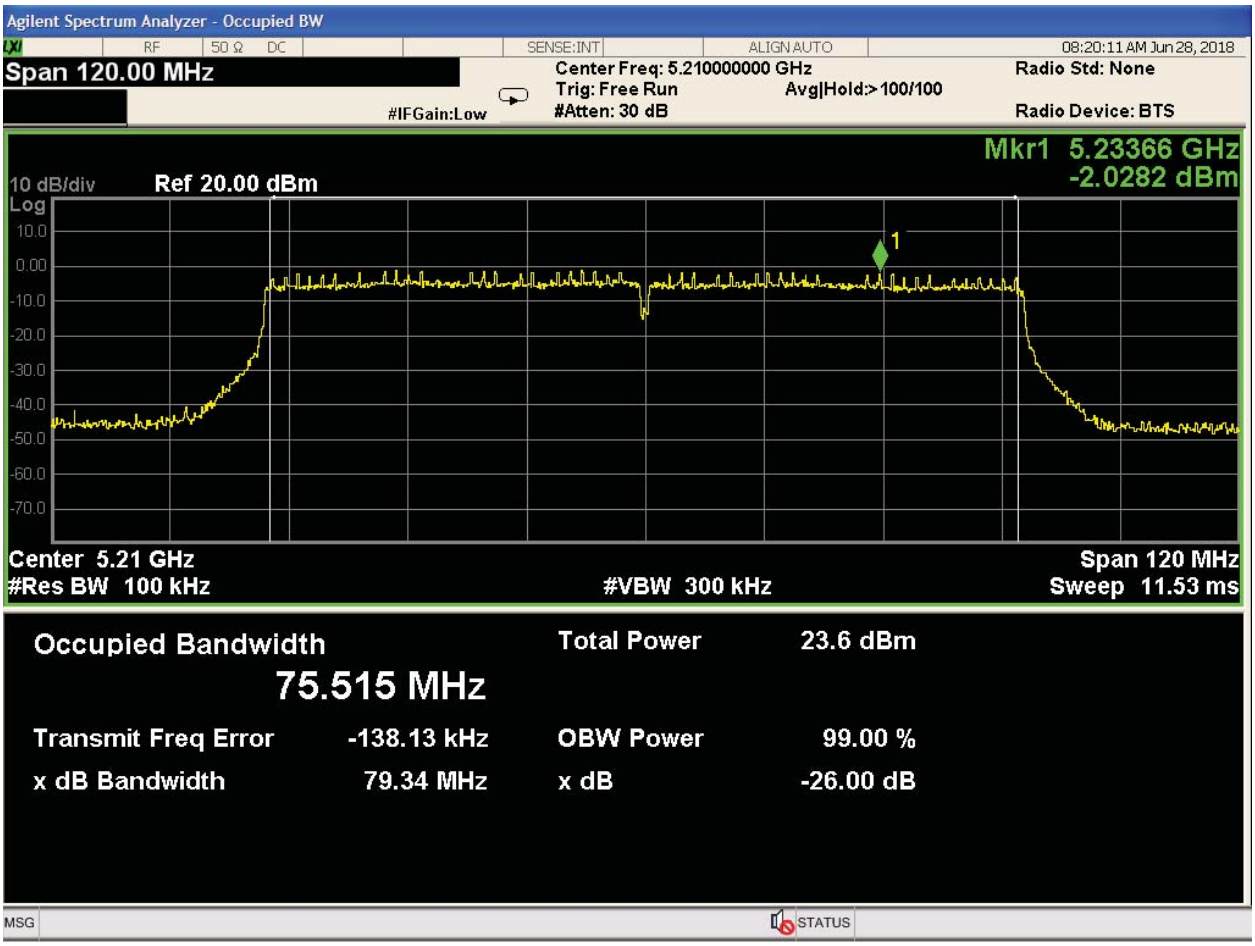

Bandwidth channel 48 VHT20




Bandwidth channel 38 VHT40

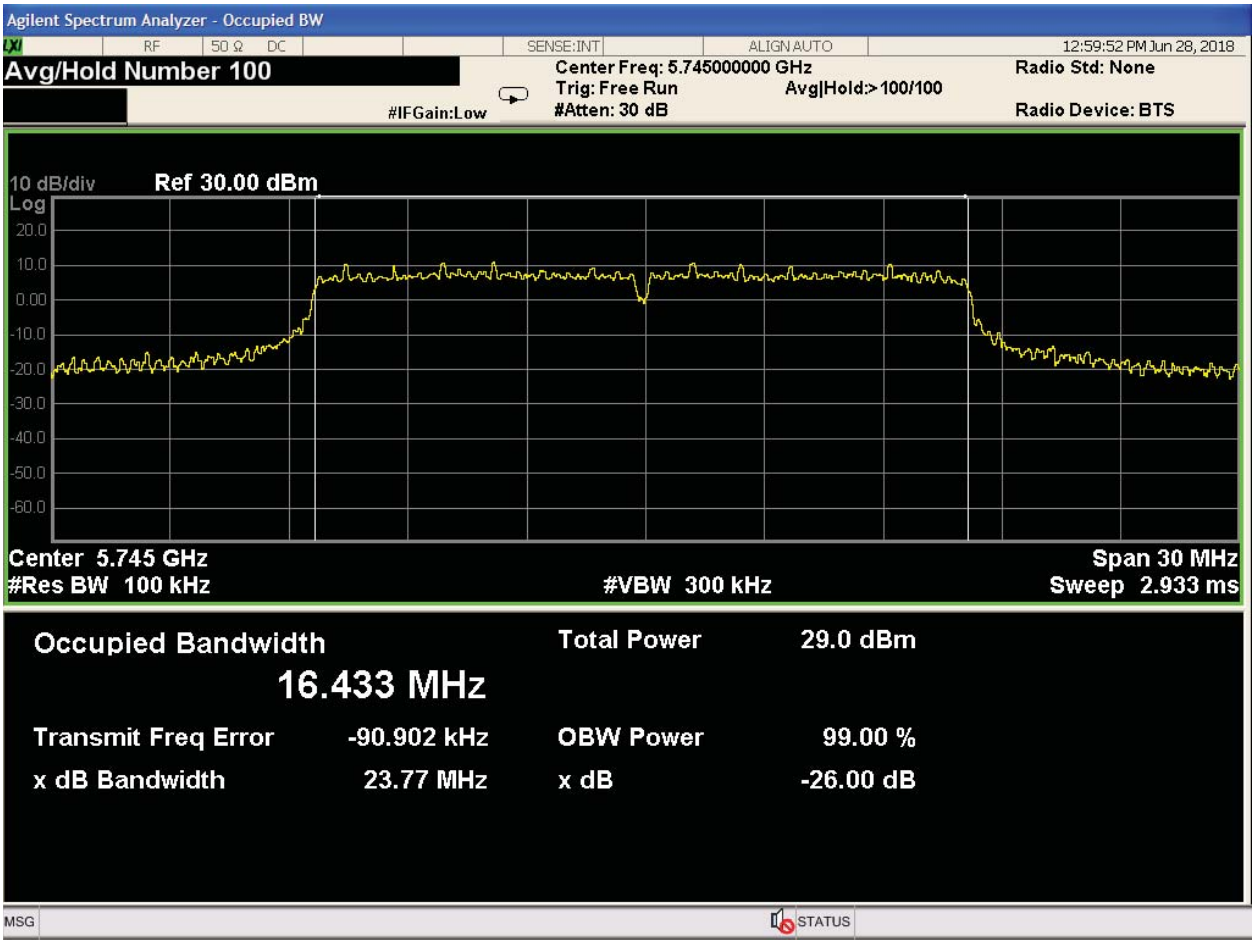



Bandwidth channel 46 VHT40

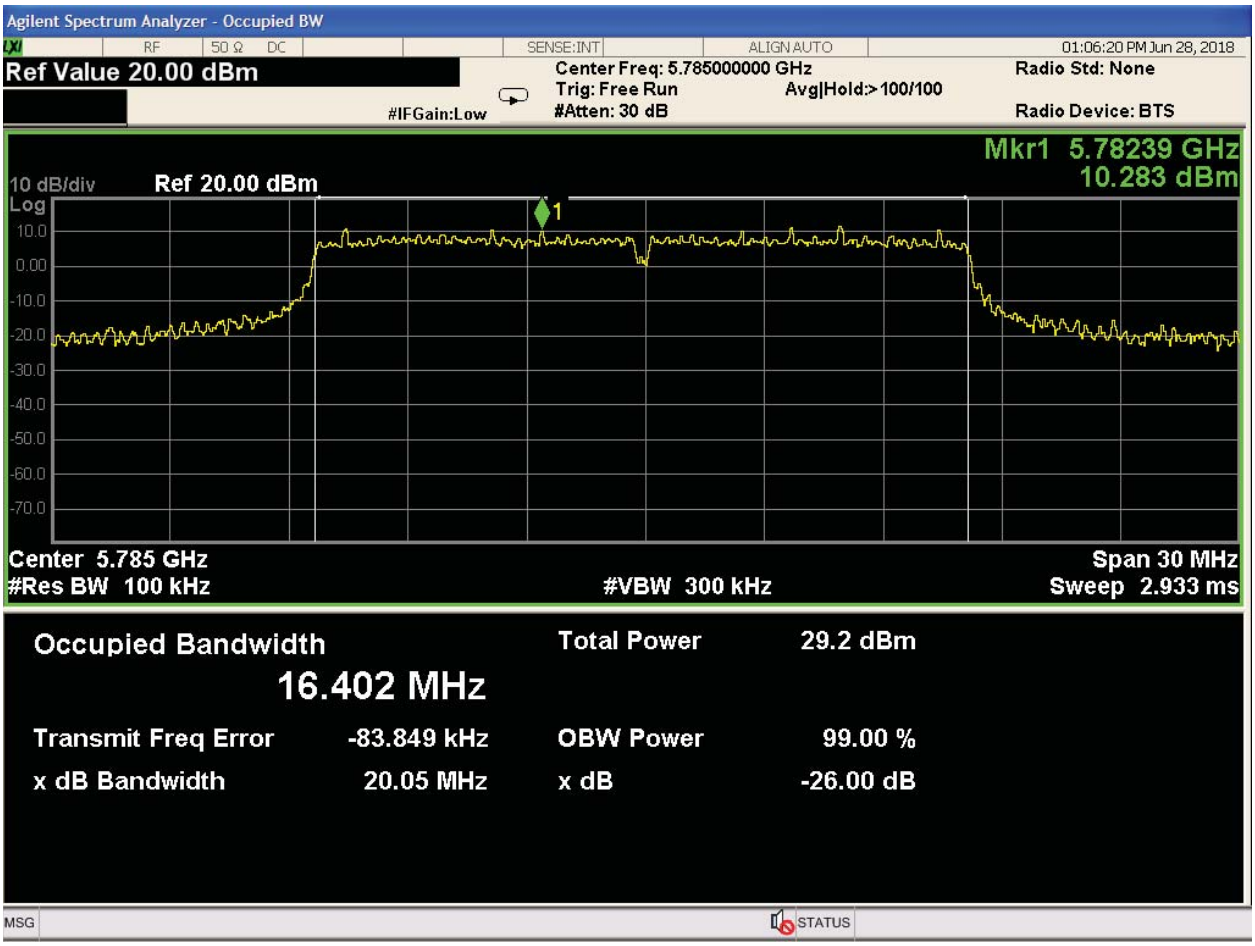



Bandwidth channel 42 VHT80 w/BF

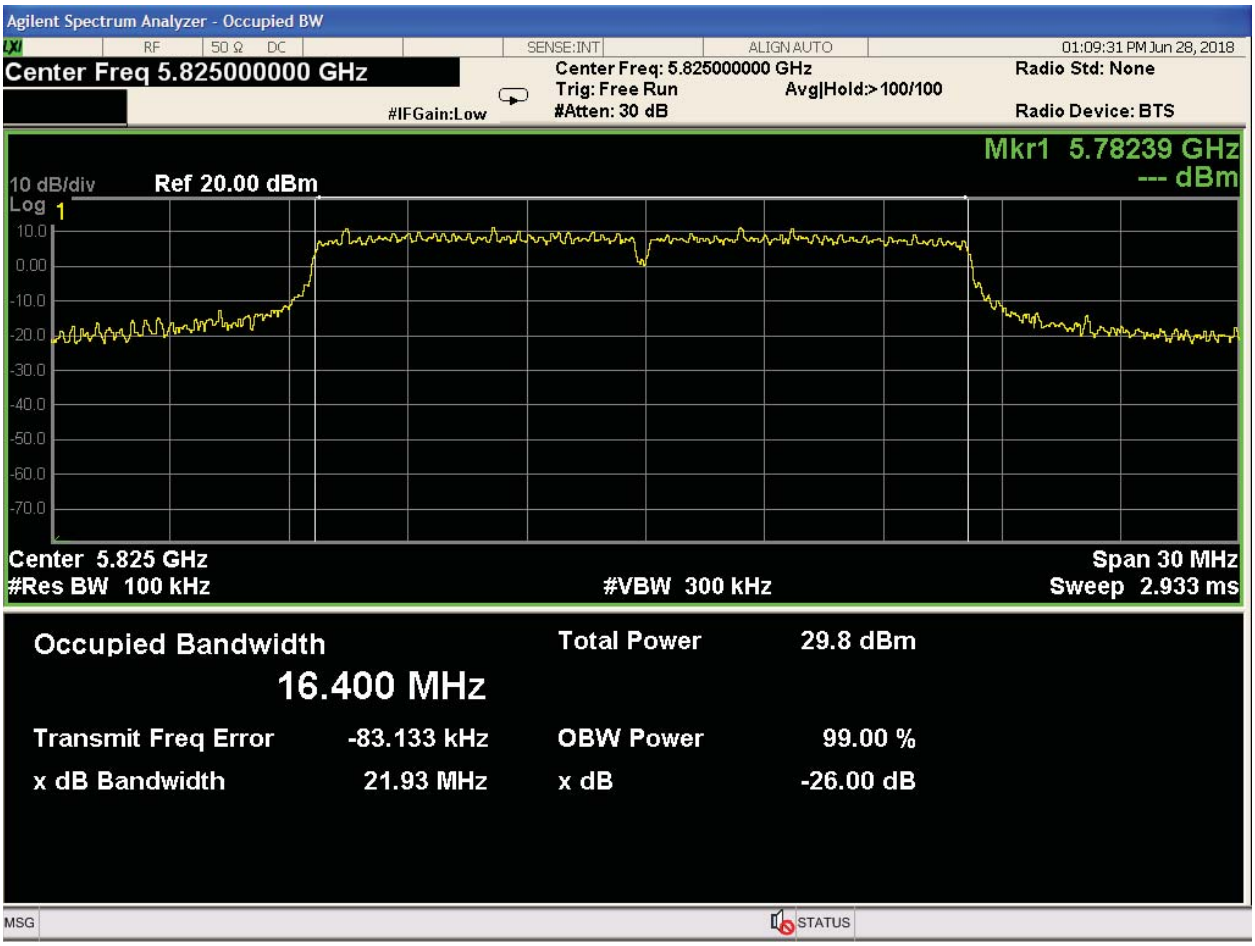
Occupied Bandwidth UNII-3



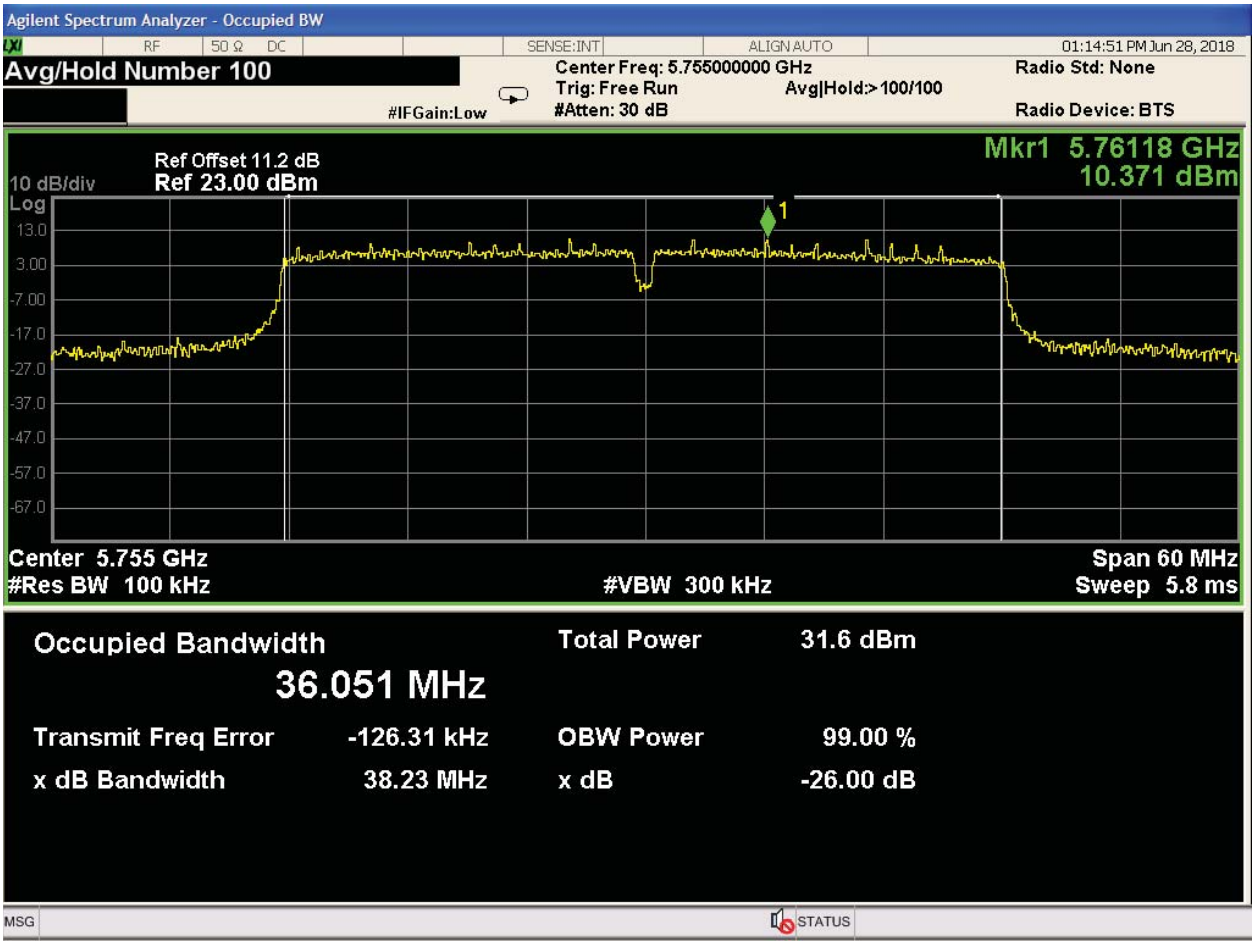

Bandwidth channel 149 nonHT



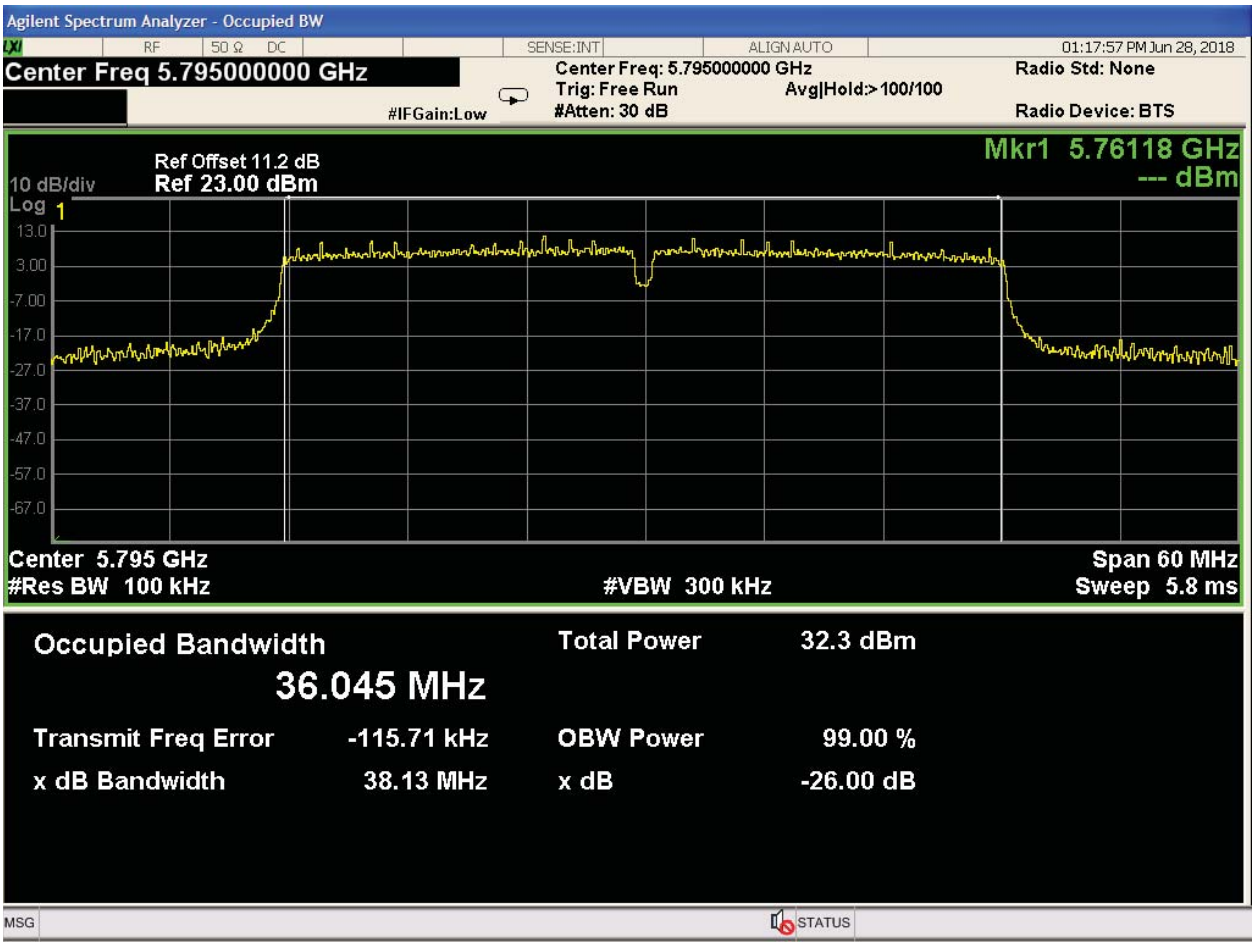

Bandwidth channel 157 nonHT



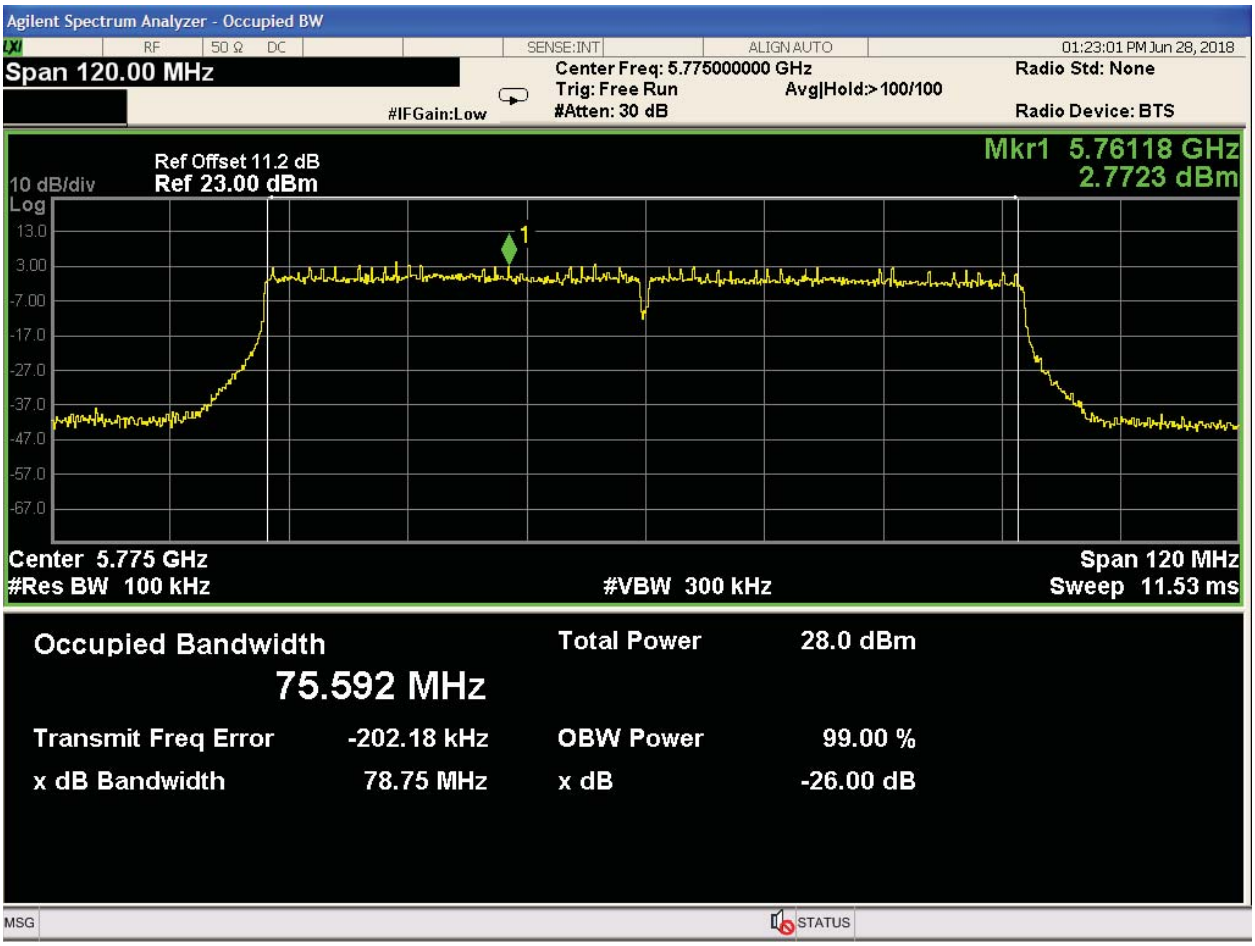

Bandwidth channel 165 nonHT



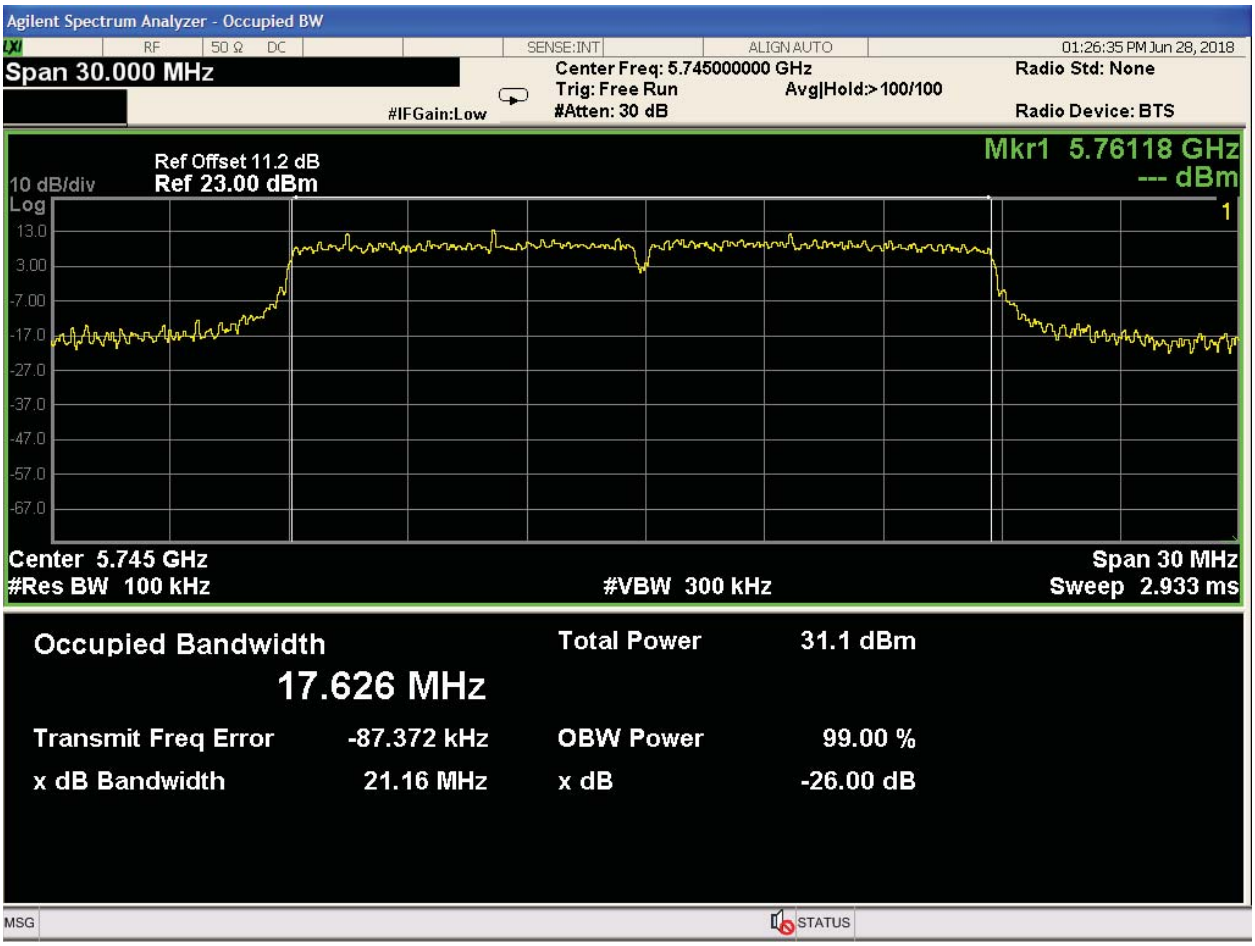

Bandwidth channel 151 HT40



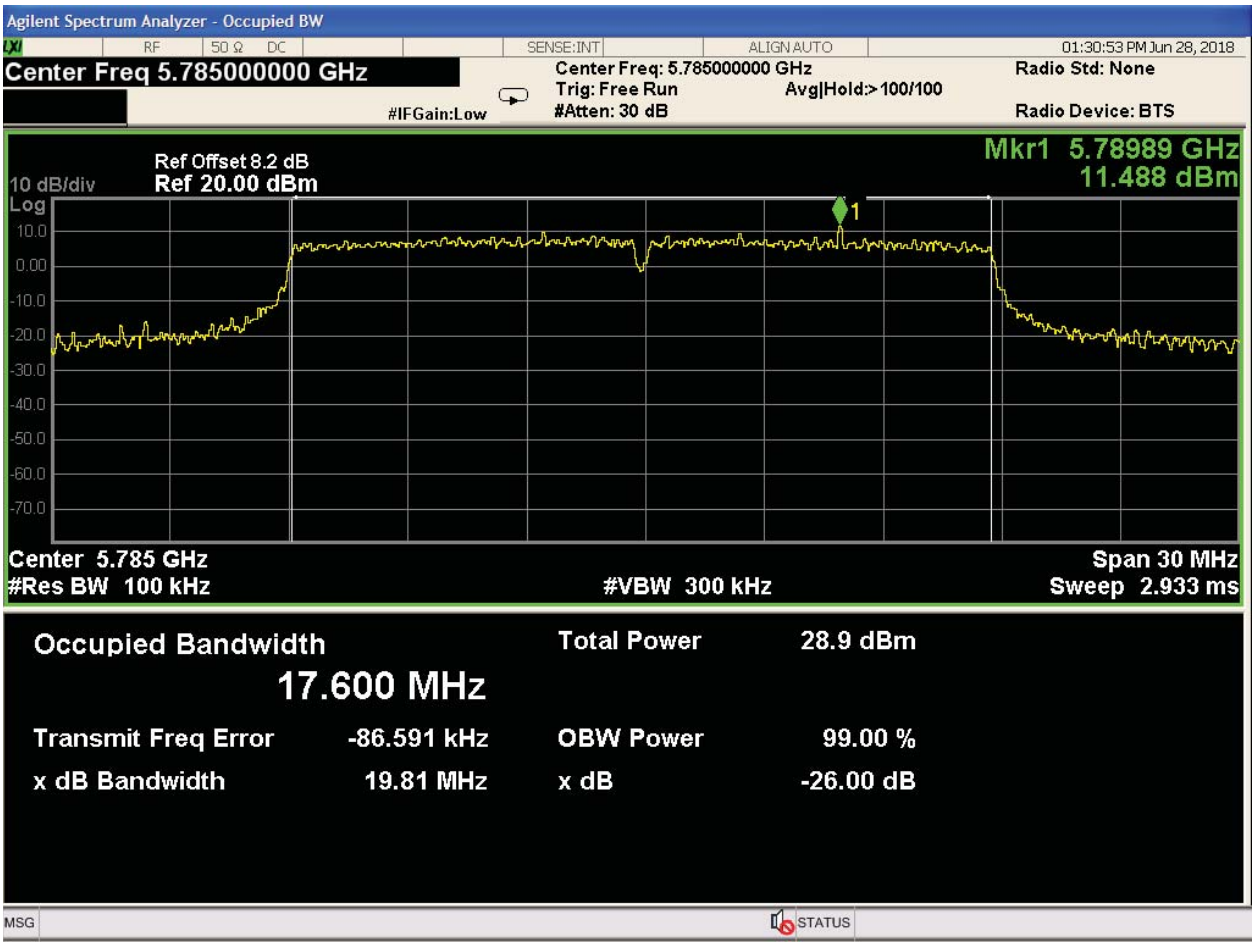

Bandwidth channel 159 HT40



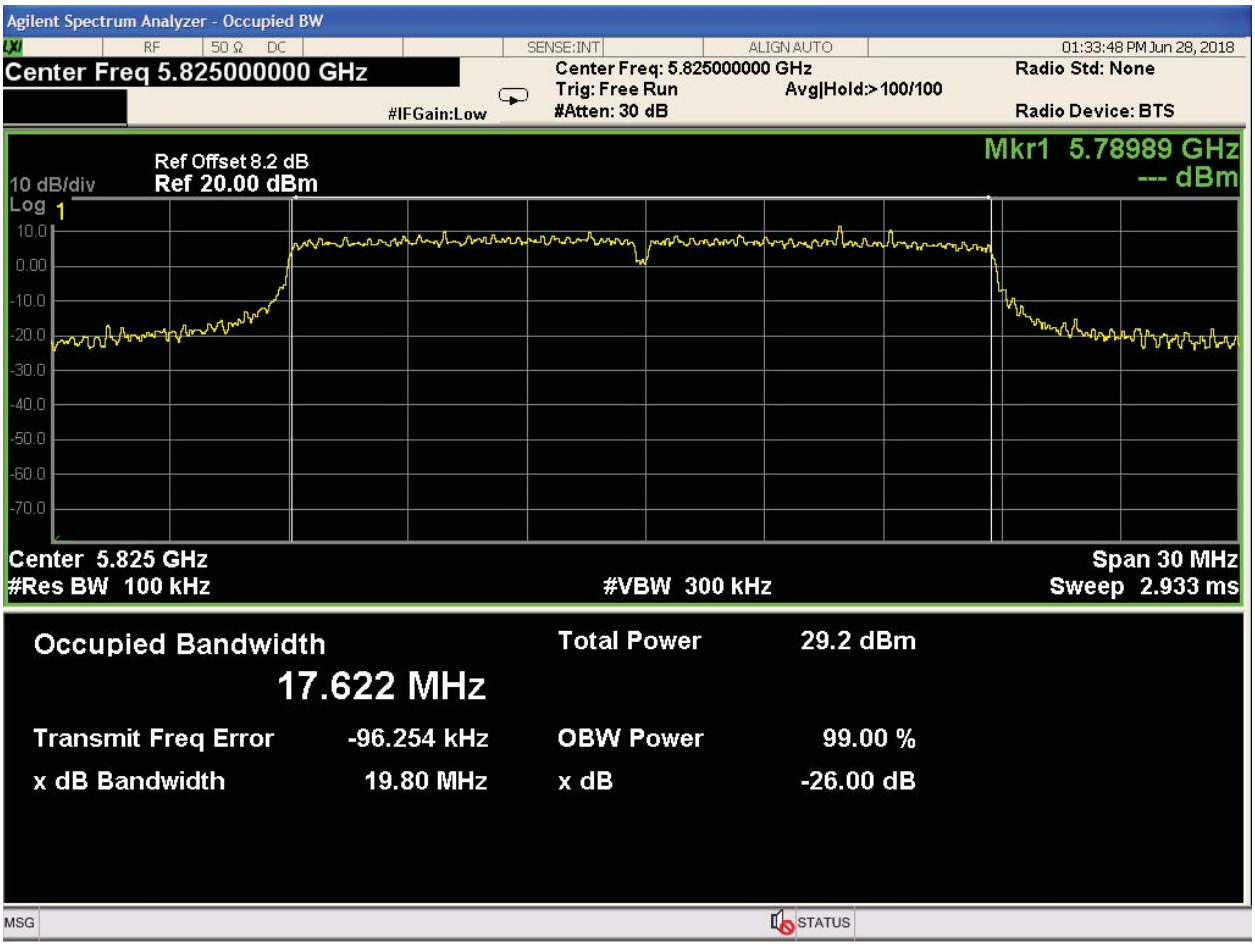

Bandwidth channel 155 VHT80



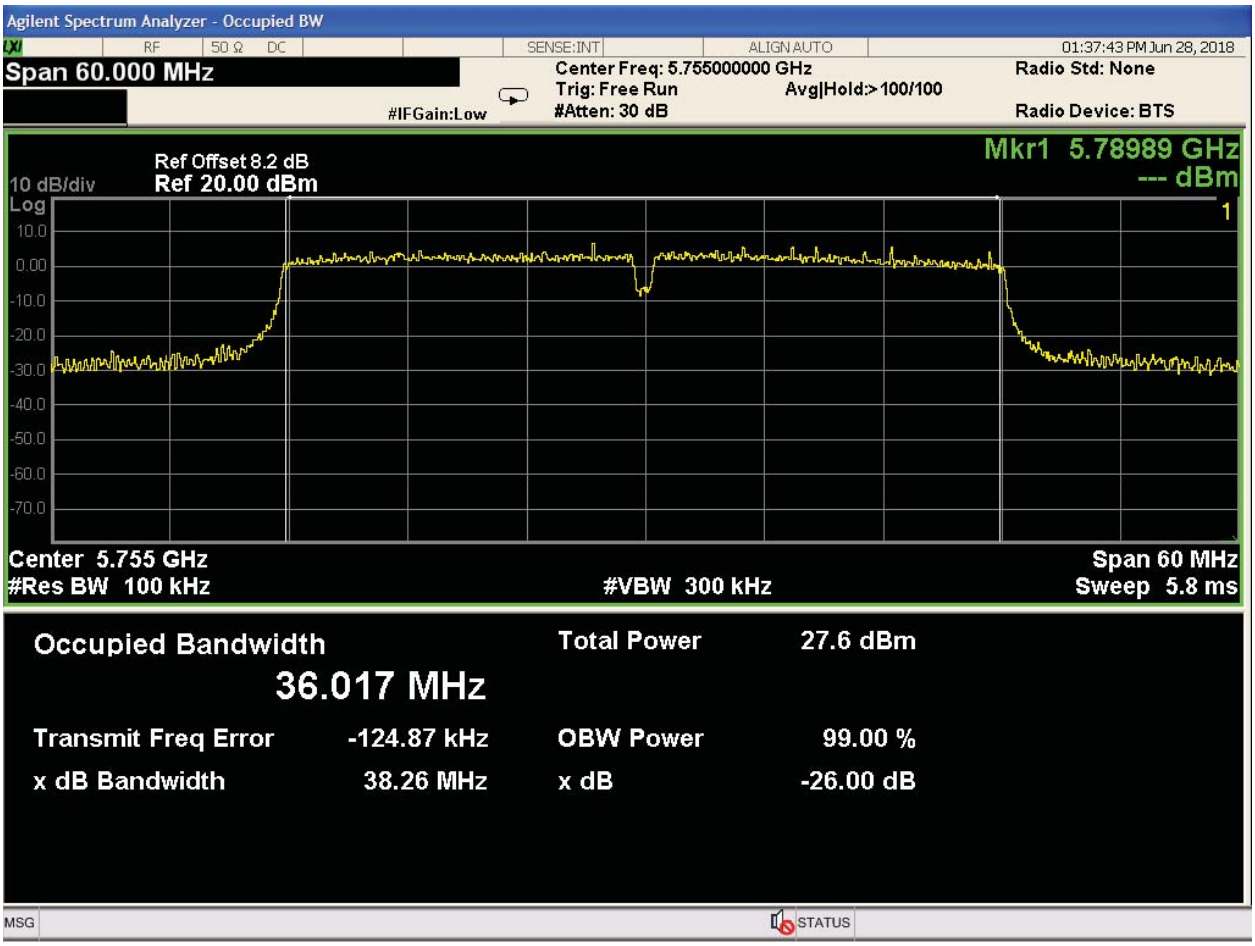

Bandwidth channel 149 VHT20



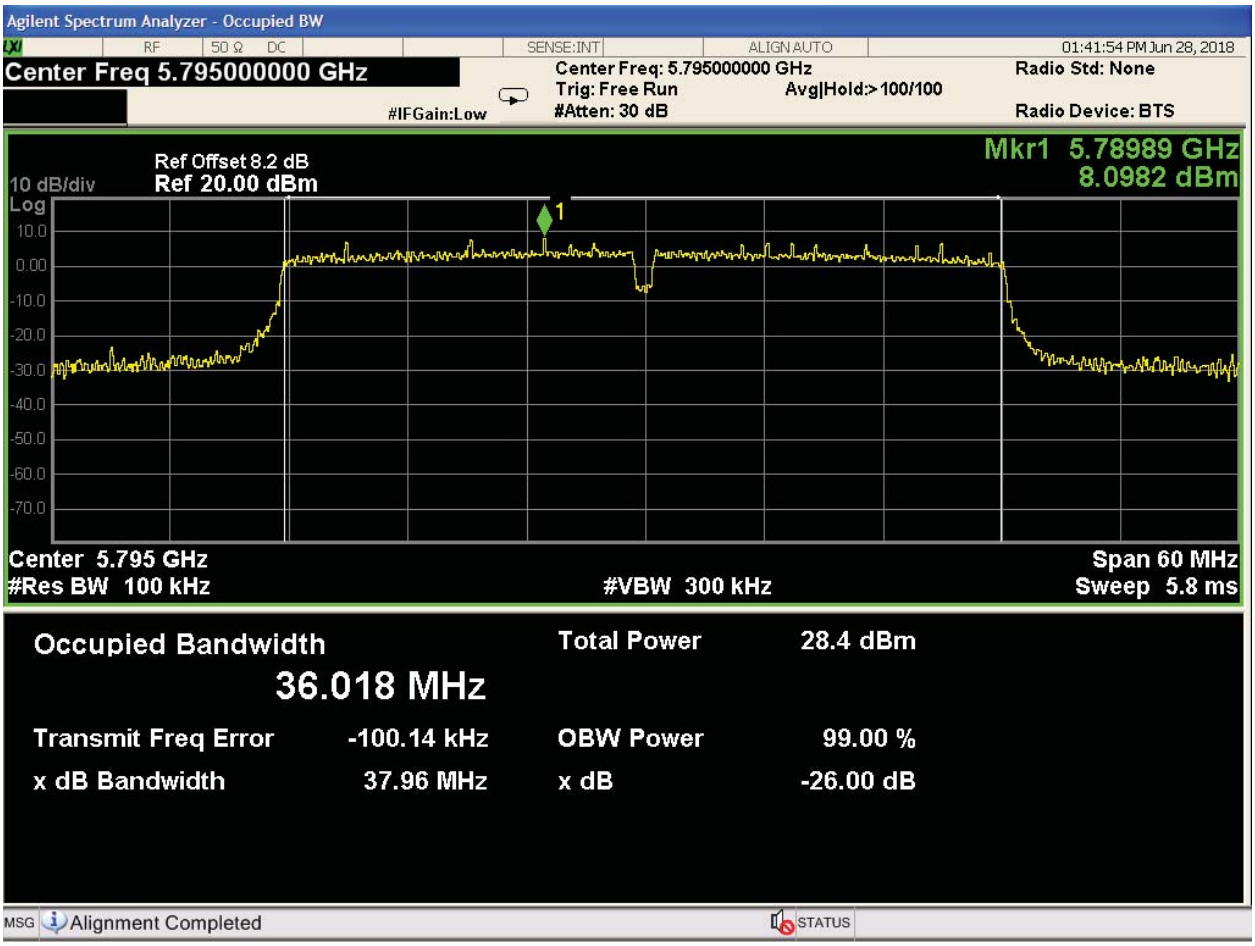

Bandwidth channel 157 VHT20



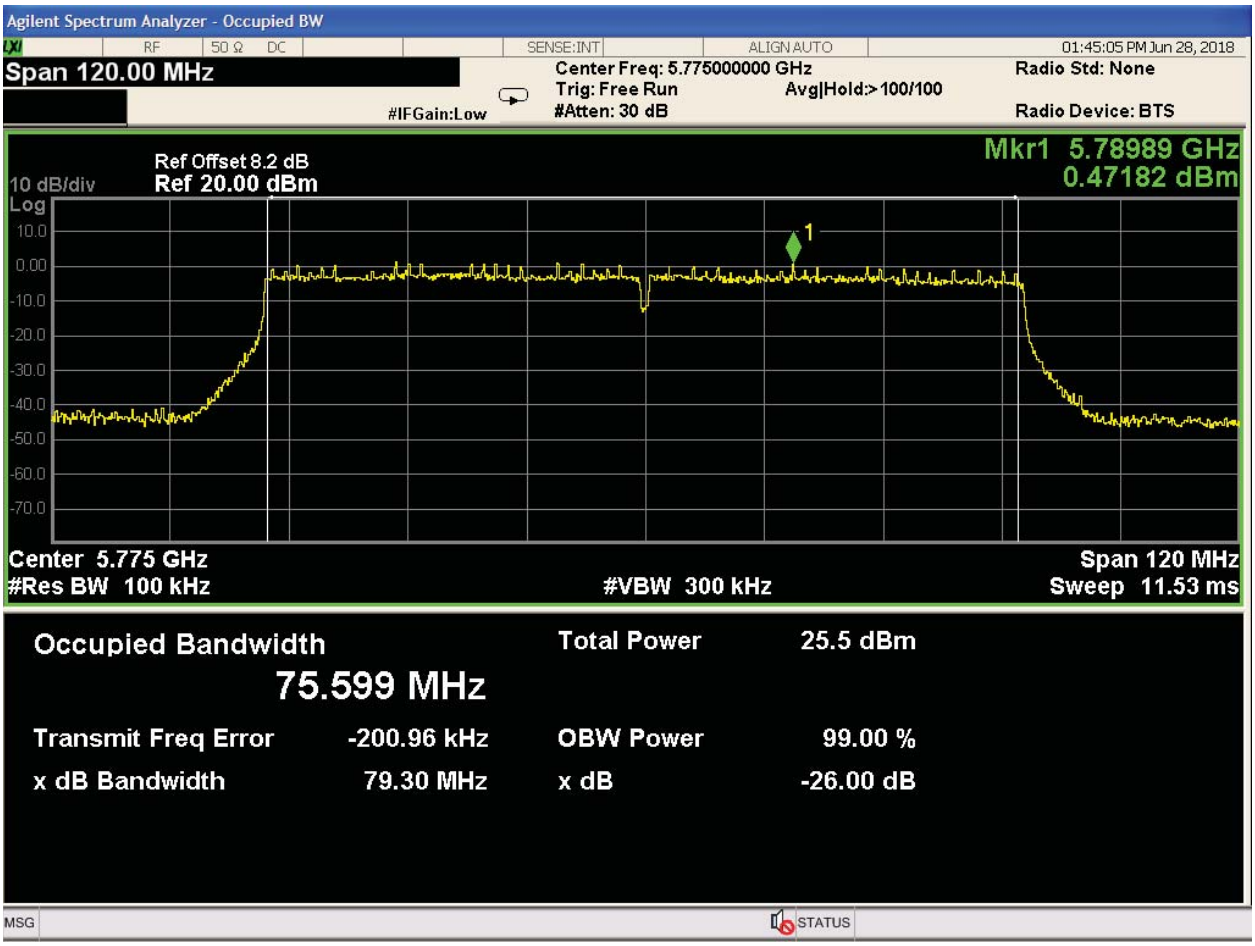

Bandwidth channel 165 VHT20




Bandwidth channel 151 VHT40




Bandwidth channel 159 VHT40




Bandwidth channel 155 VHT80 w/BF

## 6.5 Restricted Bands Radiated emissions in the UNII bands

Test Method

The ANSI C63.10-2013 Section 12.3.2.4 and 12.5 and RSS247. The preliminary investigation was performed at different data rate to determine the highest power output for each mode. Adiag program called QRCT was used to set the AP in continuous Tx mode and also to set the channel, channel power and data rate. This test was conducted on 3 channels for each of the throughput modes. The analyzer was configured as follows.

Cable loss and duty cycle correction were entered as an offset

RBW= 120 kHz< 1 GHz.< 1 MHz

VBW= 3 x RBW

Span= Per the band under test

SWT= auto

Detector = Per the measurement being made

| | |
|---|---|
| **Test Conditions:** Conducted Measurement (SA), Normal Temperature | **Date**: 4/12-6/18 2018 |
| **Antenna Type:** | |
| **Duty cycle correction: see sect. 5** | Data Rate: 6mbps, MCS0 |
| **Ambient Temp.: 23º C** | Relative Humidity: 38 %RH |

# 9KHz-30MHz



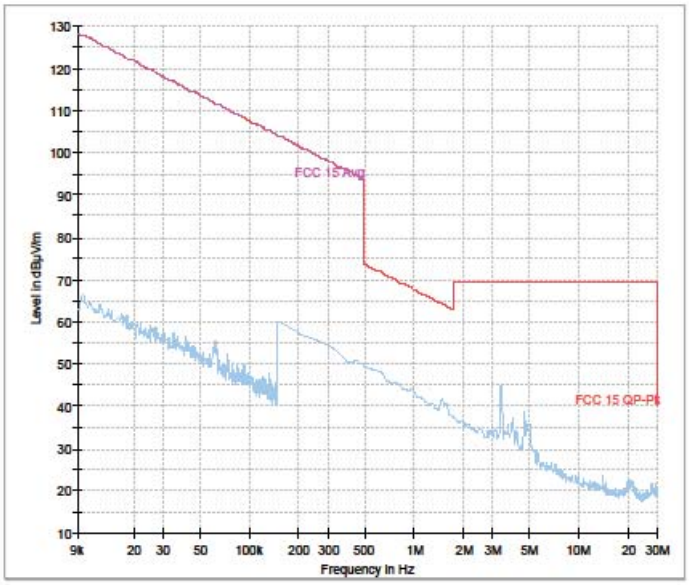
## 9KHz-30MHz_Ch_36_NoHT_2x2_(Tx-20.5dBm)_CDD

**Final_Result**

| Frequency (MHz) | Quasi Peak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | — | | — | — |

(continuation of the "Final_Result" table from column 16 ...)

| Frequency (MHz) | Comment |
|---|---|
| — | |

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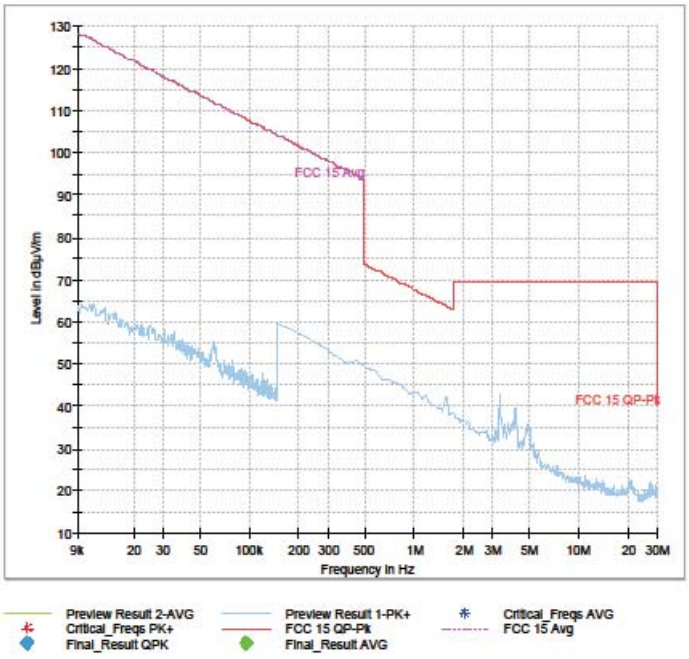
# 9KHz-30MHz_Ch_44_NoHT_2x2_(Tx-20.5dBm)_CDD

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | — | | — | — |

(continuation of the "Final_Result" table from column 16 ...)

| Frequency (MHz) | Comment |
|---|---|
| — | |

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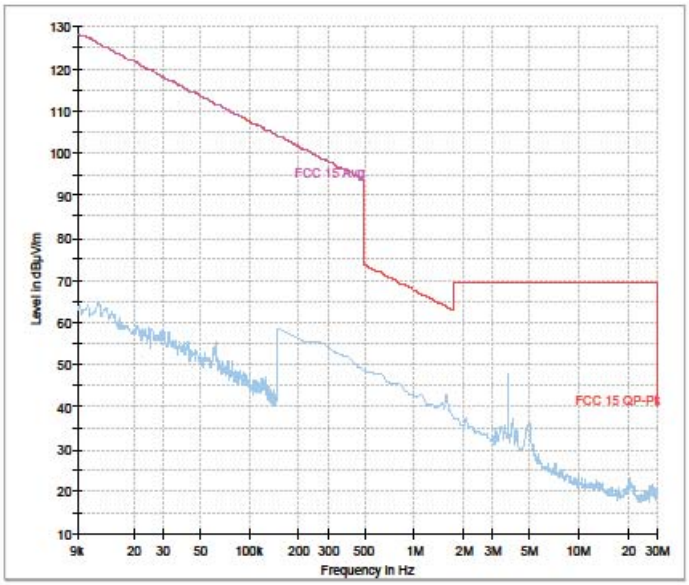
# 9KHz-30MHz_Ch_48_NoHT_2x2_(Tx-20.5dBm)_CDD

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | — | | — | — |

(continuation of the "Final_Result" table from column 16 ...)

| Frequency (MHz) | Comment |
|---|---|
| — | |

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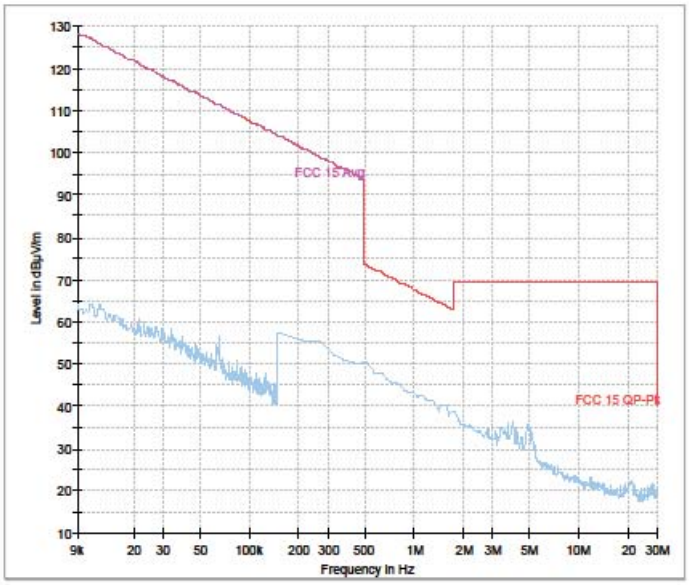
# 9KHz-30MHz_Ch_149_NoHT_2x2_(Tx-25dBm)_CDD

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | — | | — | — |

(continuation of the "Final_Result" table from column 16 ...)

| Frequency (MHz) | Comment |
|---|---|
| — | |

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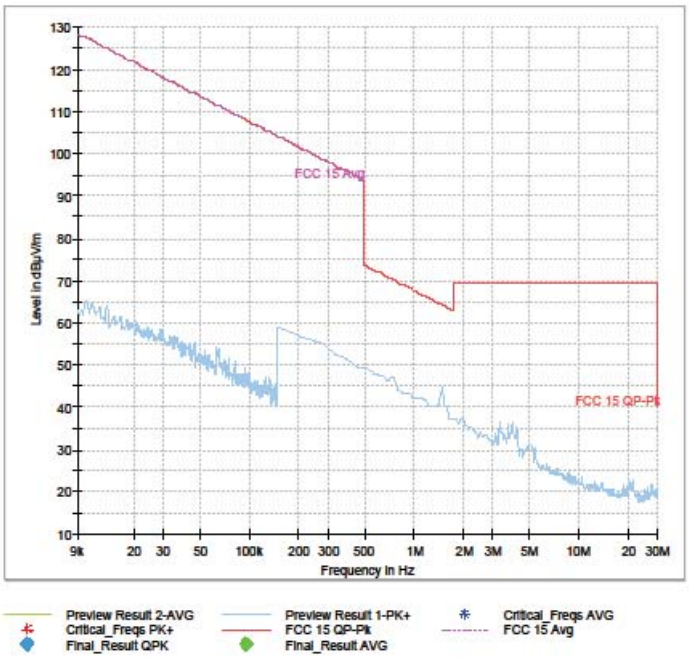
# 9KHz-30MHz_Ch_157_NoHT_2x2_(Tx-25dBm)_CDD

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | — | | — | — |

(continuation of the "Final_Result" table from column 16 ...)

| Frequency (MHz) | Comment |
|---|---|
| — | |

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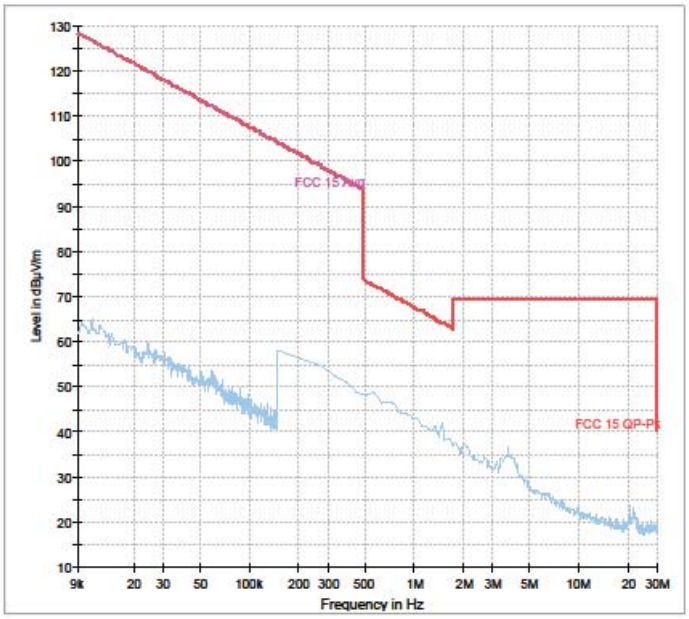
# 9KHz-30MHz_Ch_36_VHT20_2x2_(Tx-18dBm)_BF

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | — | | — | — |

(continuation of the "Final_Result" table from column 16 ...)

| Frequency (MHz) | Comment |
|---|---|
| — | |

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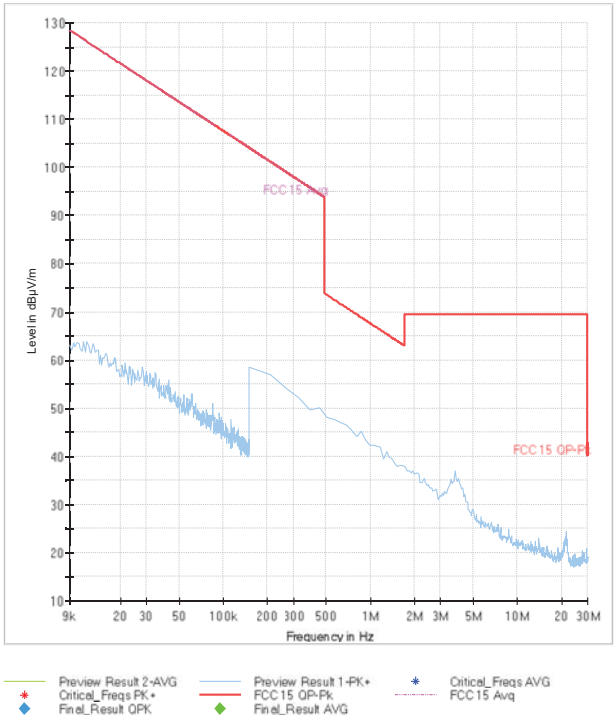
## 9KHz-30MHz_Ch_36_VHT40_2x2_(Tx-17dBm)_BF

### Final_Result

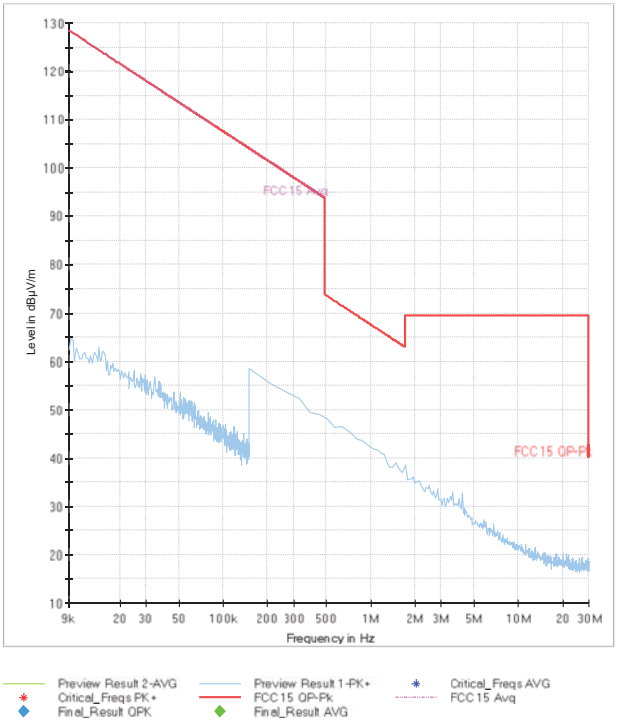
| Frequency (MHz) | Quasi Peak (dBµV /m) | Average (dBµV /m) | Limit (dBµV /m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | |




## 9KHz-30MHz_Ch_42_VHT80_2x2_(Tx-17dBm)_BF

### Final_Result

| Frequency (MHz) | Quasi Peak (dBµV /m) | Average (dBµV /m) | Limit (dBµV /m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | |



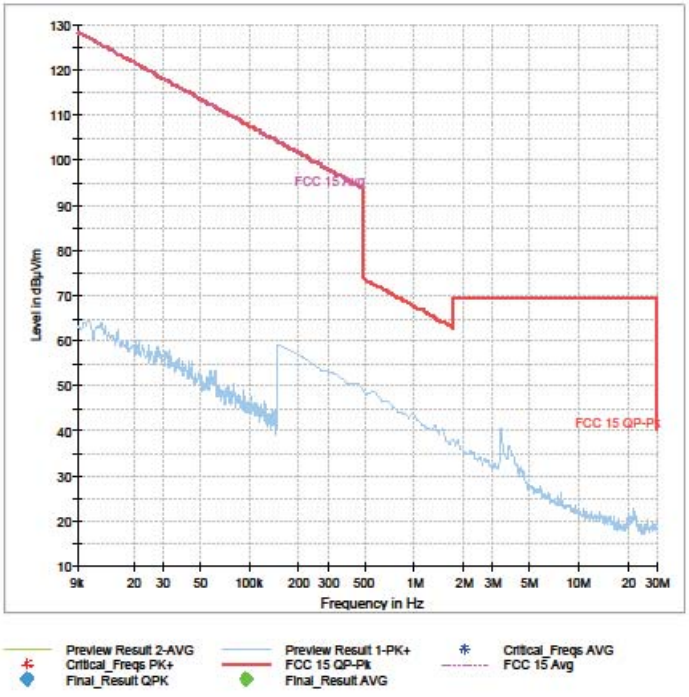
# 9KHz-30MHz_Ch_44_VHT20_2x2_(Tx-18dBm)_BF

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | — | | — | — |

(continuation of the "Final_Result" table from column 16 ...)

| Frequency (MHz) | Comment |
|---|---|
| — | |

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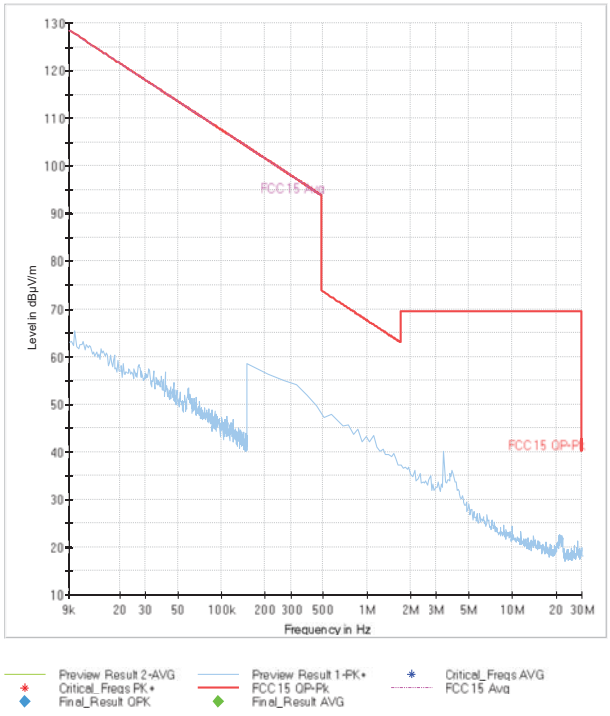
# 9KHz-30MHz_Ch_38_VHT40_2x2_(Tx-17dBm)_BF

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV /m) | Average (dBµV /m) | Limit (dBµV /m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | |



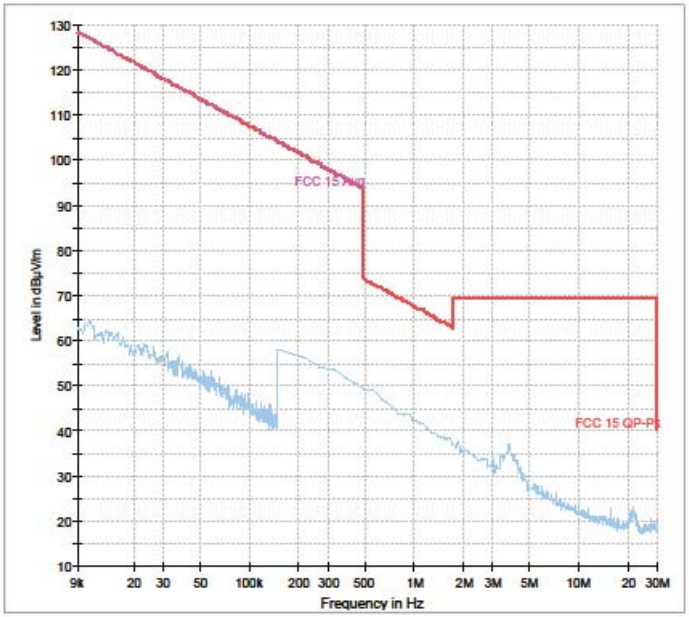
# 9KHz-30MHz_Ch_48_VHT20_2x2_(Tx-18dBm)_BF

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | — | | — | — |

(continuation of the "Final_Result" table from column 16 ...)

| Frequency (MHz) | Comment |
|---|---|
| — | |

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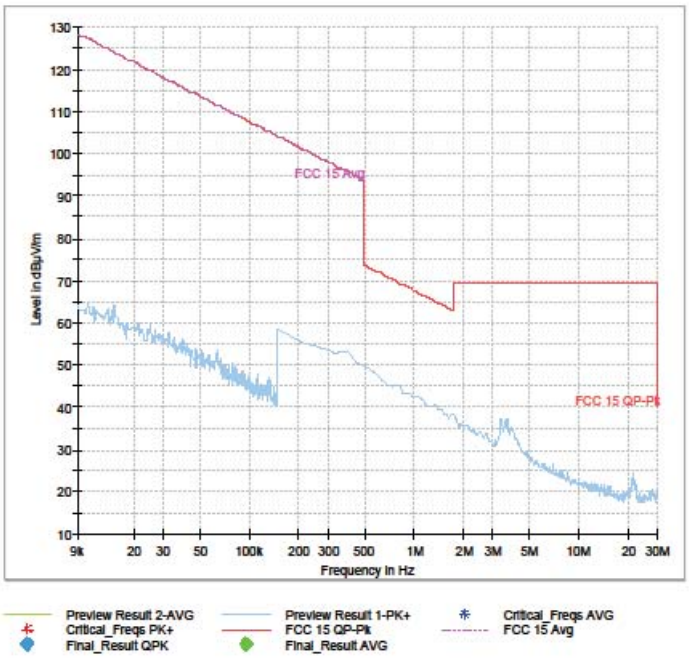
# 9KHz-30MHz_Ch_149_VHT20_2x2_(Tx-25dBm)_BF

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | — | | — | — |

(continuation of the "Final_Result" table from column 16 ...)

| Frequency (MHz) | Comment |
|---|---|
| — | |

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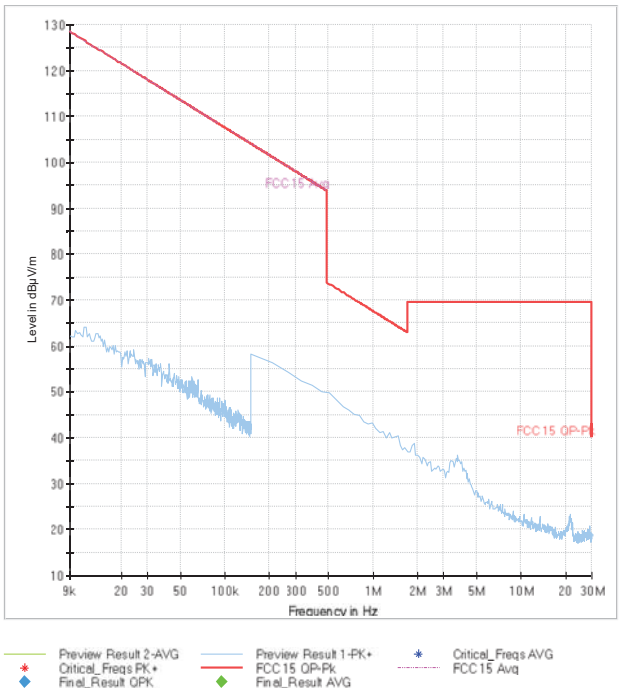
## 9KHz-30MHz_Ch_38_VHT40_2x2_(Tx-24dBm)_BF

### Final_Result

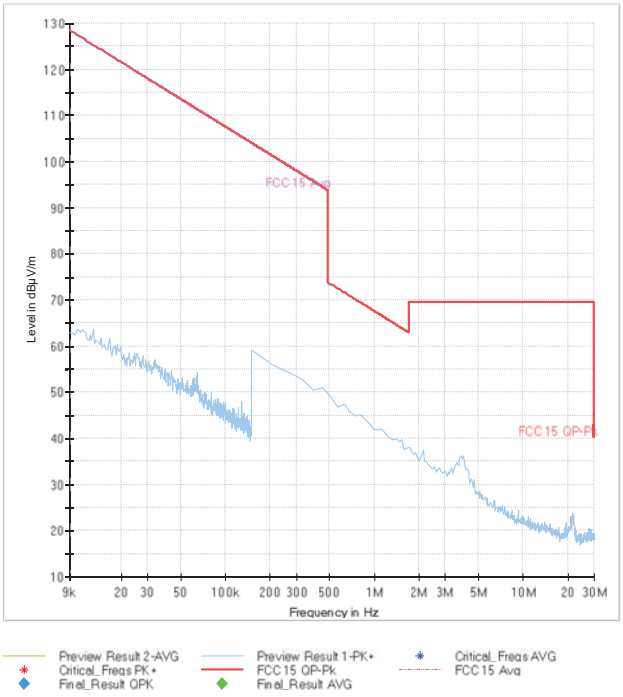
| Frequency (MHz) | Quasi Peak (dBµV /m) | Average (dBµV /m) | Limit (dBµV /m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | |




## 9KHz-30MHz_Ch_155_VHT80_2x2_(Tx-24dBm)_BF

### Final_Result

| Frequency (MHz) | Quasi Peak (dBµV /m) | Average (dBµV /m) | Limit (dBµV /m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | |



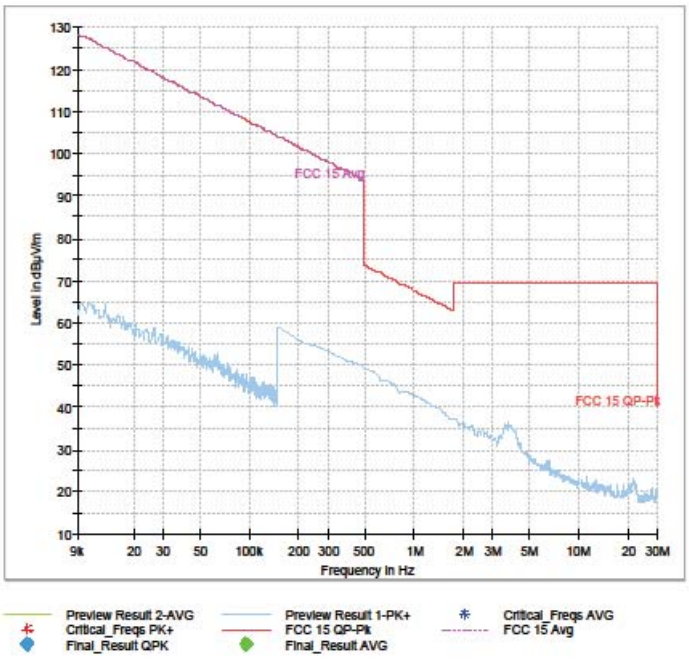
# 9KHz-30MHz_Ch_157_VHT20_2x2_(Tx-25dBm)_BF

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | — | | — | — |

(continuation of the "Final_Result" table from column 16 ...)

| Frequency (MHz) | Comment |
|---|---|
| — | |

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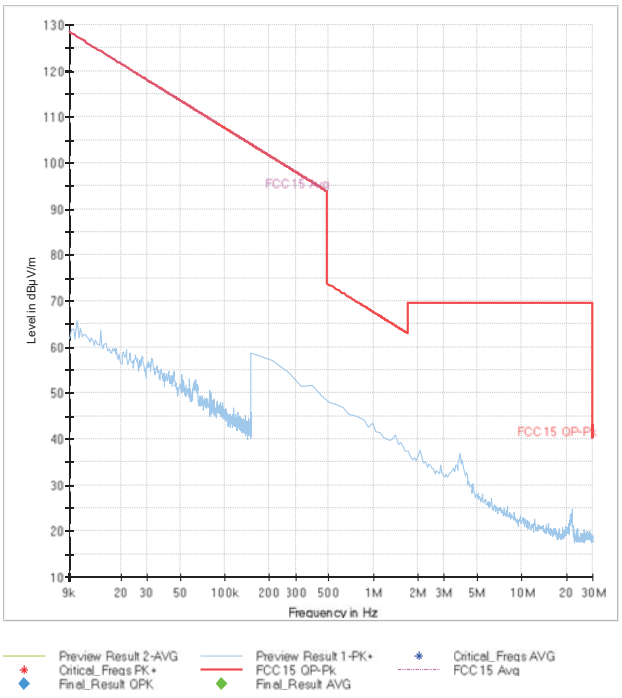
# 9KHz-30MHz_Ch_159_VHT40_2x2_(Tx-24dBm)_BF

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV /m) | Average (dBµV /m) | Limit (dBµV /m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | |



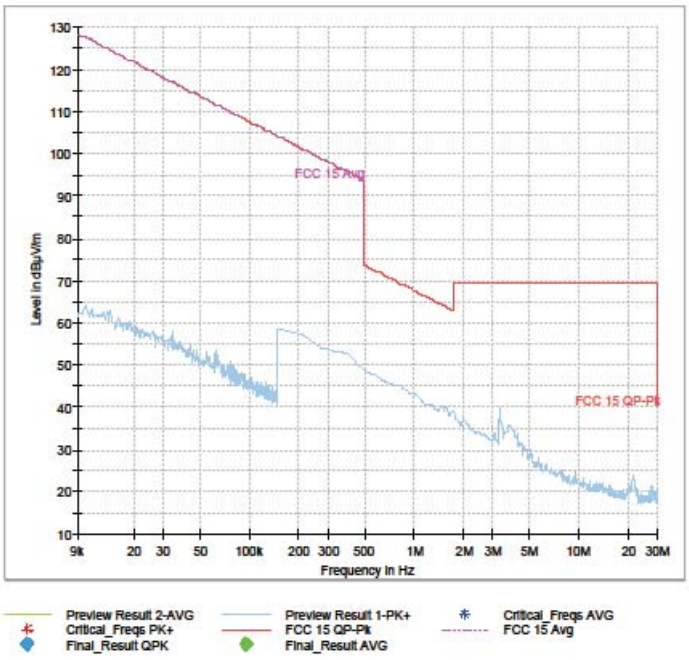
# 9KHz-30MHz_Ch_165_VHT20_2x2_(Tx-25dBm)_BF

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | — | | — | — |

(continuation of the "Final_Result" table from column 16 ...)

| Frequency (MHz) | Comment |
|---|---|
| — | |

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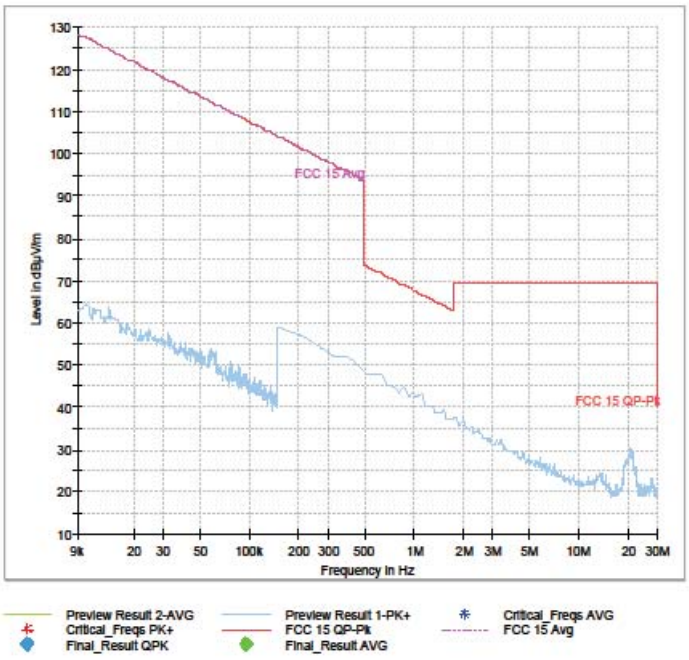
# 9KHz-30MHz_Ch_38_HT40_2x2_(Tx-17dBm)_CDD

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | — | | — | — |

(continuation of the "Final_Result" table from column 16 ...)

| Frequency (MHz) | Comment |
|---|---|
| — | |

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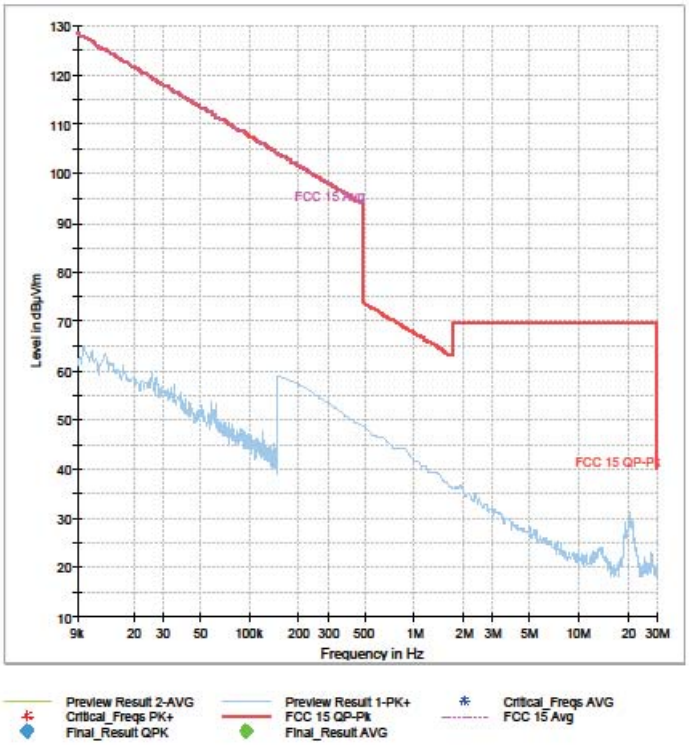
# 9KHz-30MHz_Ch_42_VHT80_2x2_(Tx-16.5dBm)_CDD

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | — | | — | — |

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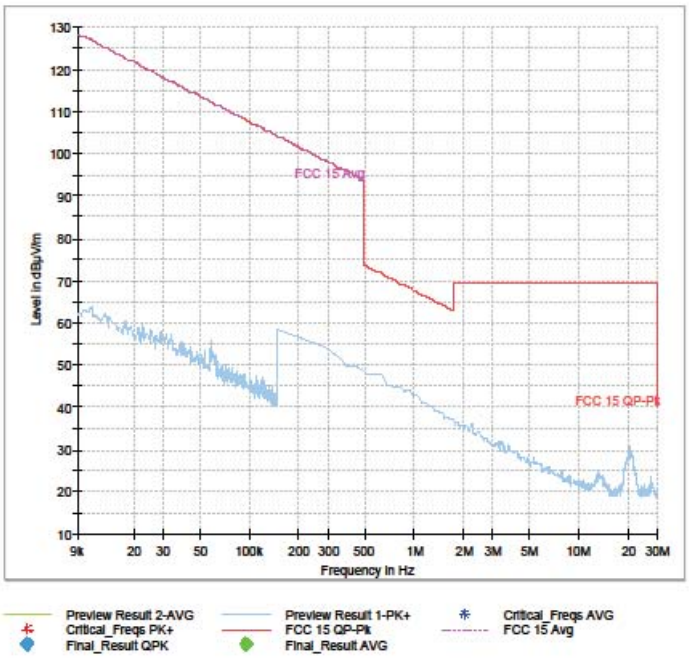
# 9KHz-30MHz_Ch_46_HT40_2x2_(Tx-17dBm)_CDD

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | — | | — | — |

(continuation of the "Final_Result" table from column 16 ...)

| Frequency (MHz) | Comment |
|---|---|
| — | |

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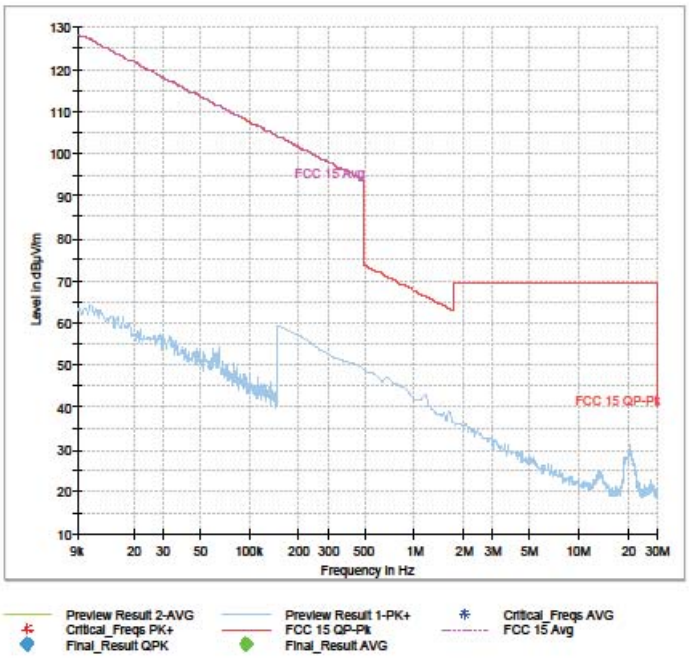
# 9KHz-30MHz_Ch_151_HT40_2x2_(Tx-24.5dBm)_CDD

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | — | | — | — |

(continuation of the "Final_Result" table from column 16 ...)

| Frequency (MHz) | Comment |
|---|---|
| — | |

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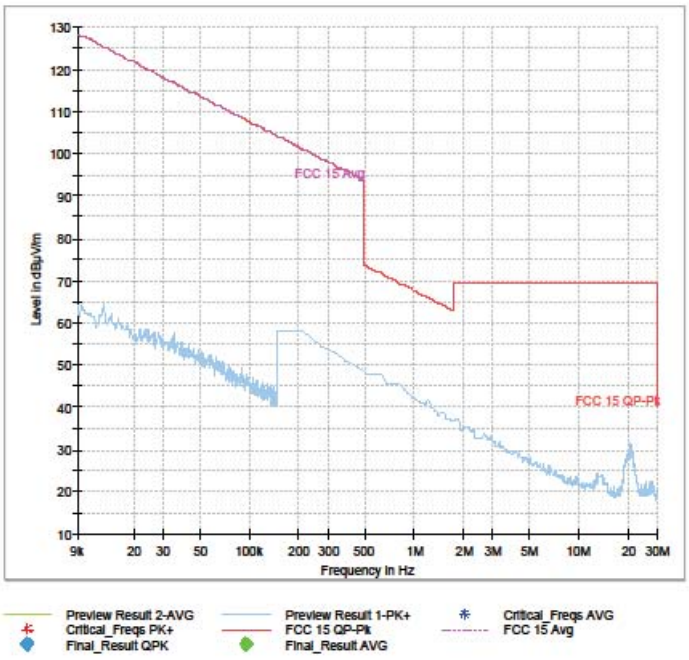
# 9KHz-30MHz_Ch_155_VHT80_2x2_(Tx-20.5dBm)_CDD

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | — | | — | — |

(continuation of the "Final_Result" table from column 16 ...)

| Frequency (MHz) | Comment |
|---|---|
| — | |

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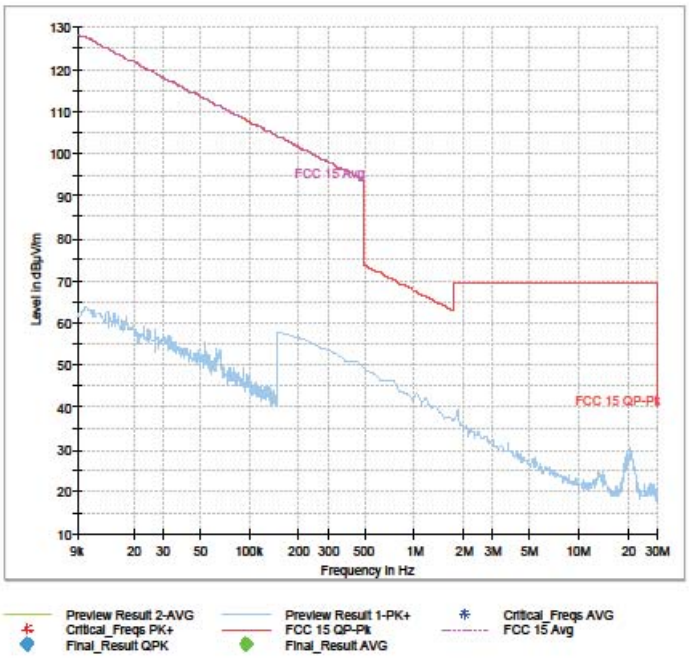
# 9KHz-30MHz_Ch_159_HT40_2x2_(Tx-24.5dBm)_CDD

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | — | | — | — |

(continuation of the "Final_Result" table from column 16 ...)

| Frequency (MHz) | Comment |
|---|---|
| — | |

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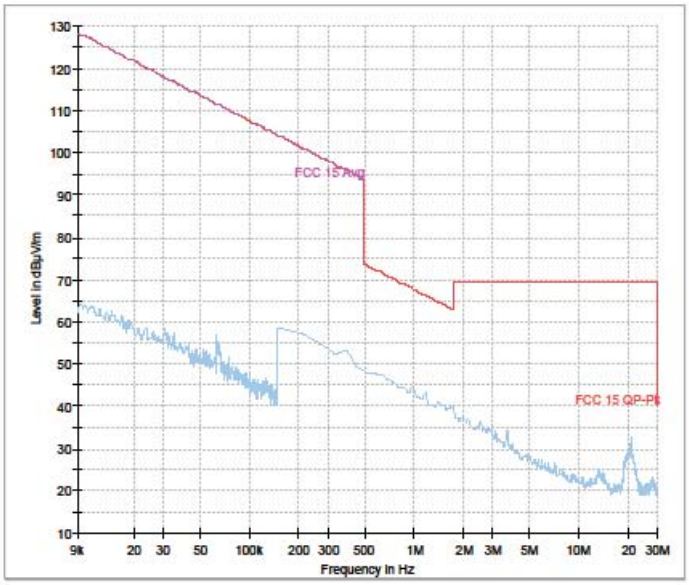
## 9KHz-30MHz_Ch_165_NoHT_2x2_(Tx-25dBm)_CDD

### Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | — | | — | — |

(continuation of the "Final_Result" table from column 16 ...)

| Frequency (MHz) | Comment |
|---|---|
| — | |

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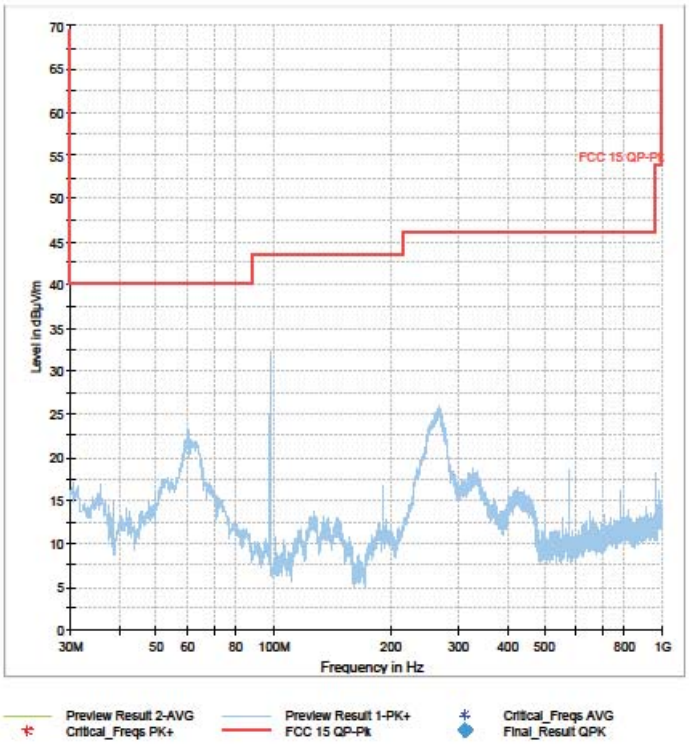
# 30MHz-1GHz

# 30MHz-1GHz_Ch_36_NoHT_2x2_(Tx-20.5dBm)_CDD

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) | Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | | — | — | |

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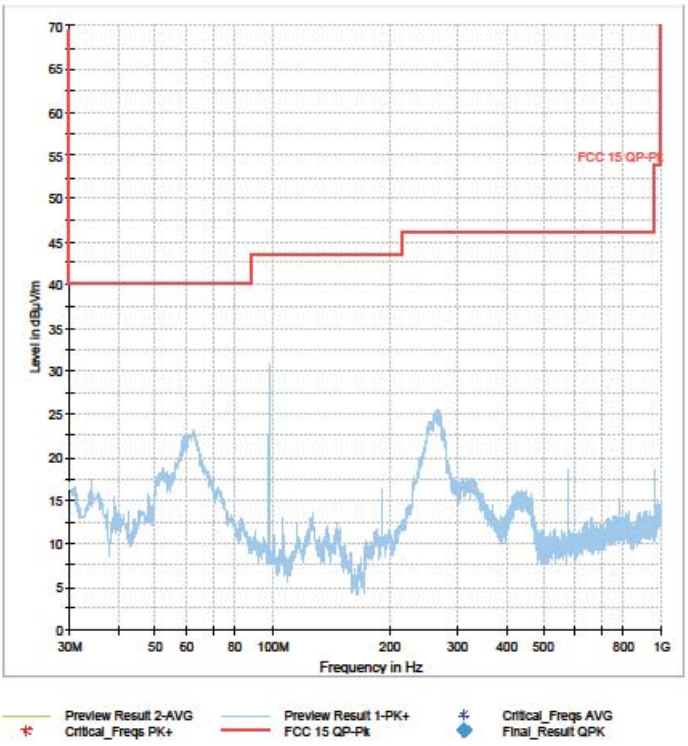
# 30MHz-1GHz_Ch_38_HT40_2x2_(Tx-17dBm)_CDD

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) | Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | | — | — | |

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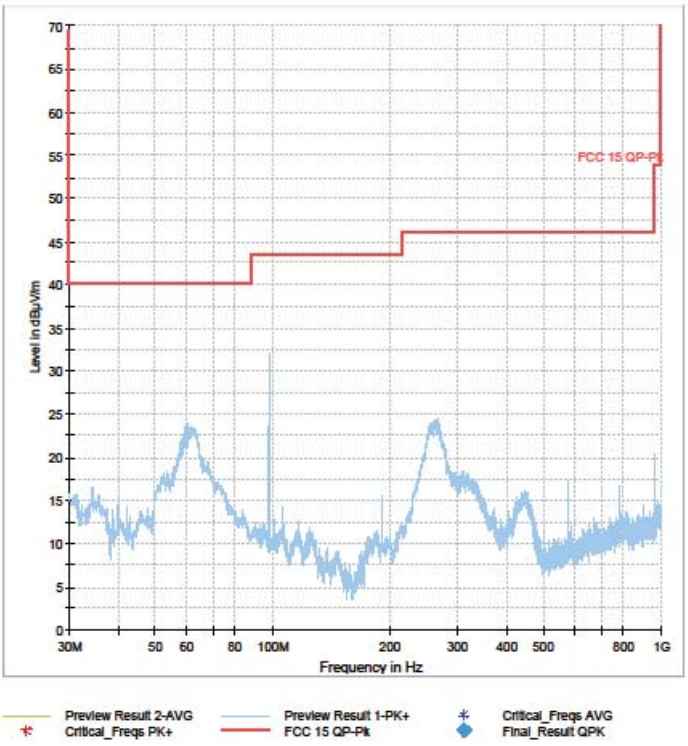
1 / 1

# 30MHz-1GHz_Ch_42_VHT80_2x2_(Tx-16.5dBm)_CDD

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) | Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | | — | — | |

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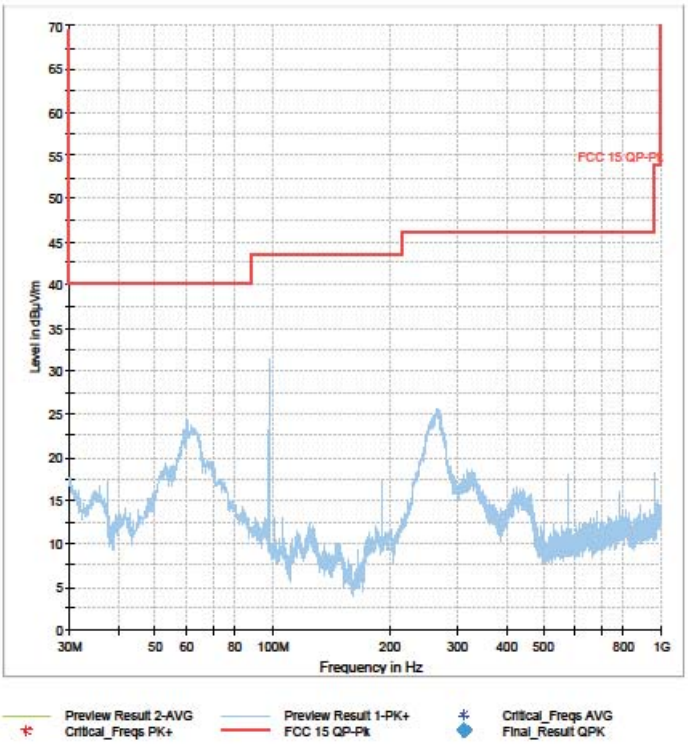
# 30MHz-1GHz_Ch_44_NoHT_2x2_(Tx-20.5dBm)_CDD

**Final_Result**

| Frequency (MHz) | Quasi Peak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) | Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | | — | — | |

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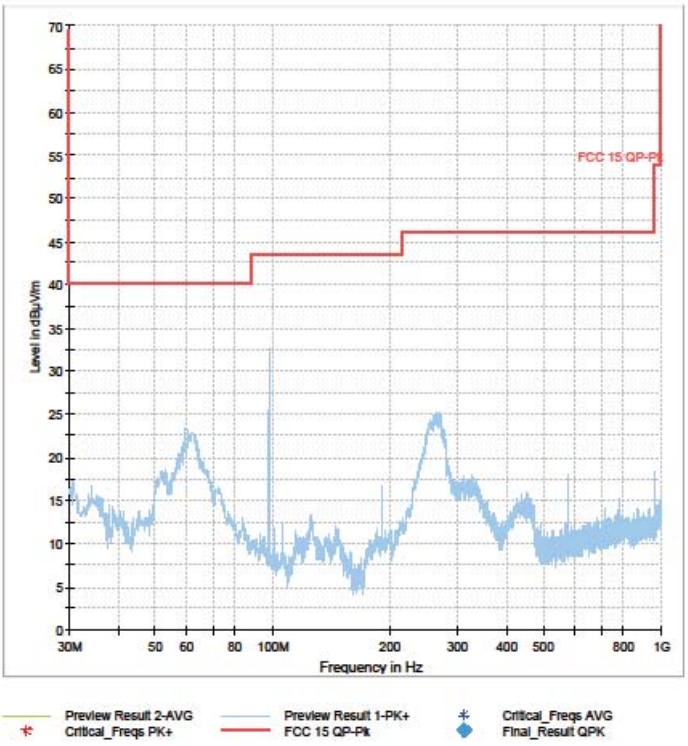
# 30MHz-1GHz_Ch_46_HT40_2x2_(Tx-17dBm)_CDD

**Final_Result**

| Frequency (MHz) | Quasi Peak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) | Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | | — | — | |

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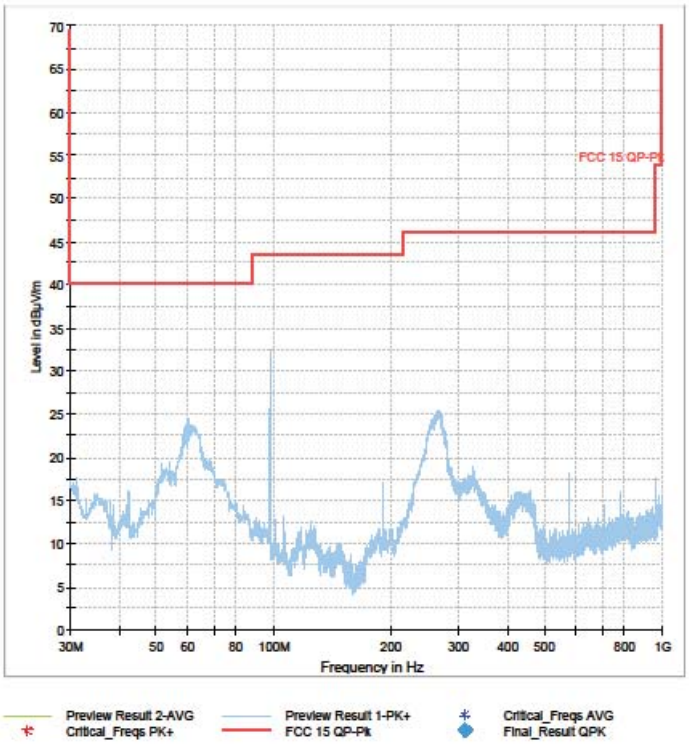
# 30MHz-1GHz_Ch_48_NoHT_2x2_(Tx-20.5dBm)_CDD

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) | Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | | — | — | |

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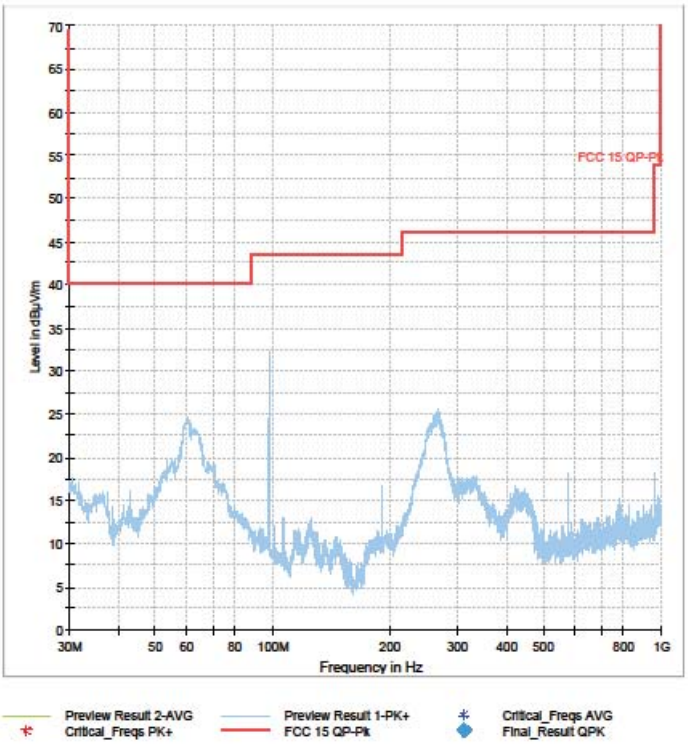
# 30MHz-1GHz_Ch_149_NoHT_2x2_(Tx-25dBm)_CDD

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) | Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | | — | — | |

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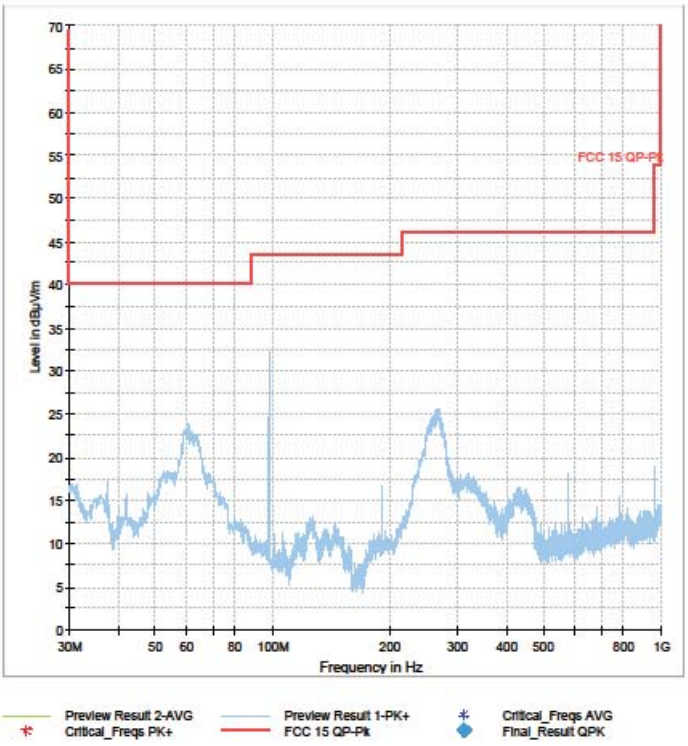
# 30MHz-1GHz_Ch_151_HT40_2x2_(Tx-24.5dBm)_CDD

**Final_Result**

| Frequency (MHz) | Quasi Peak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) | Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | | — | — | |

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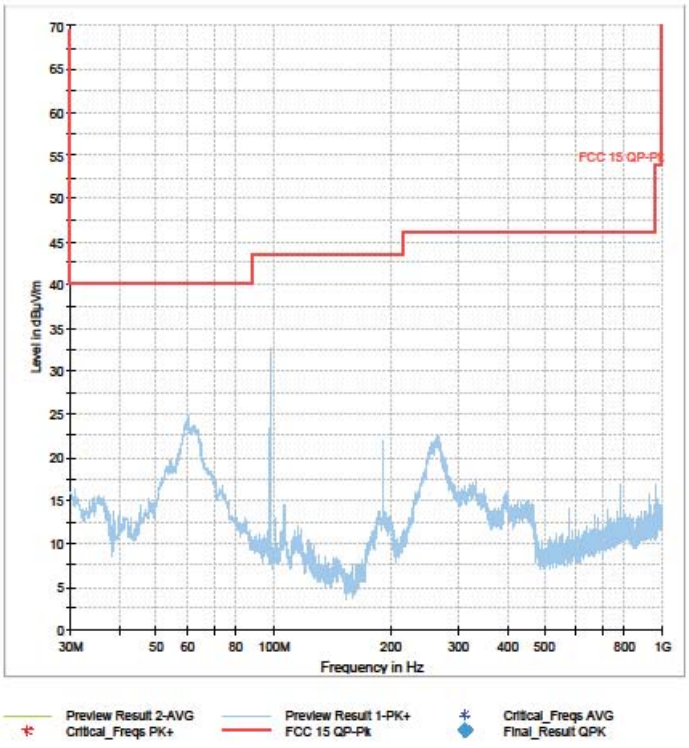
# 30MHz-1GHz_Ch_155_VHT80_2x2_(Tx-20.5dBm)_CDD

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) | Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | | — | — | |

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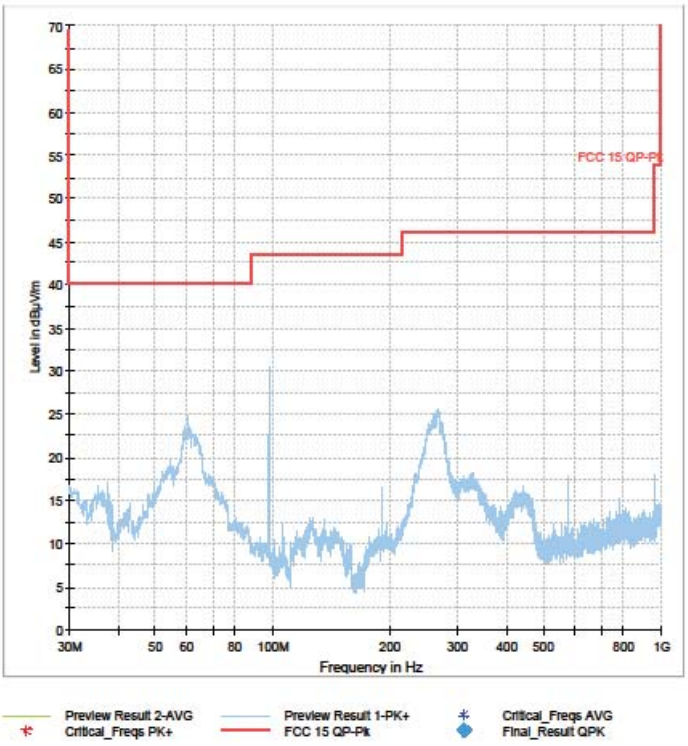
# 30MHz-1GHz_Ch_157_NoHT_2x2_(Tx-25dBm)_CDD

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) | Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | | — | — | |

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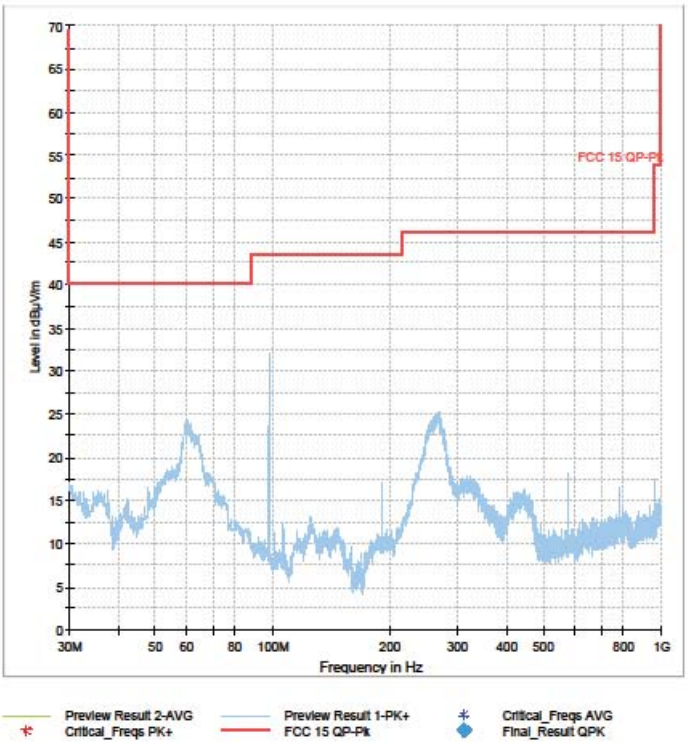
# 30MHz-1GHz_Ch_159_HT40_2x2_(Tx-24.5dBm)_CDD

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) | Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | | — | — | |

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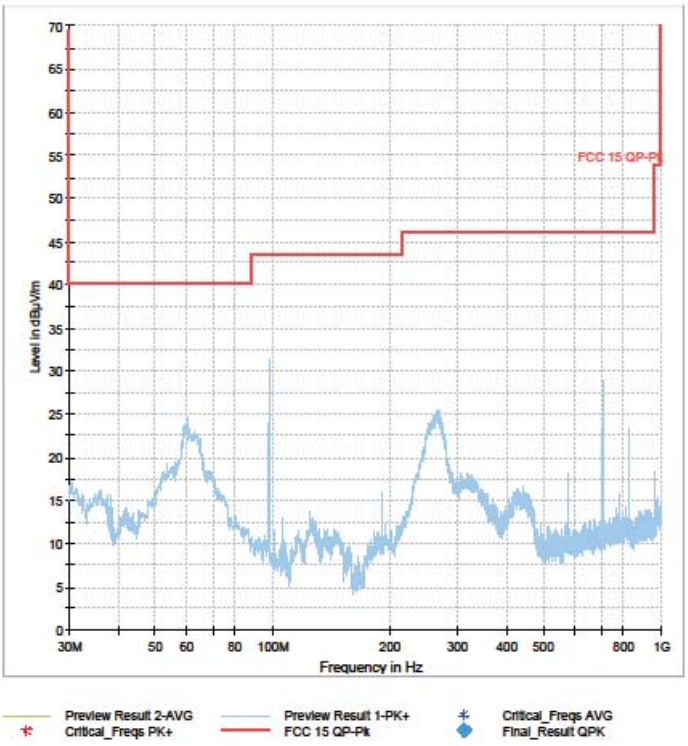
# 30MHz-1GHz_Ch_165_NoHT_2x2_(Tx-25dBm)_CDD

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) | Comment |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | | — | — | |

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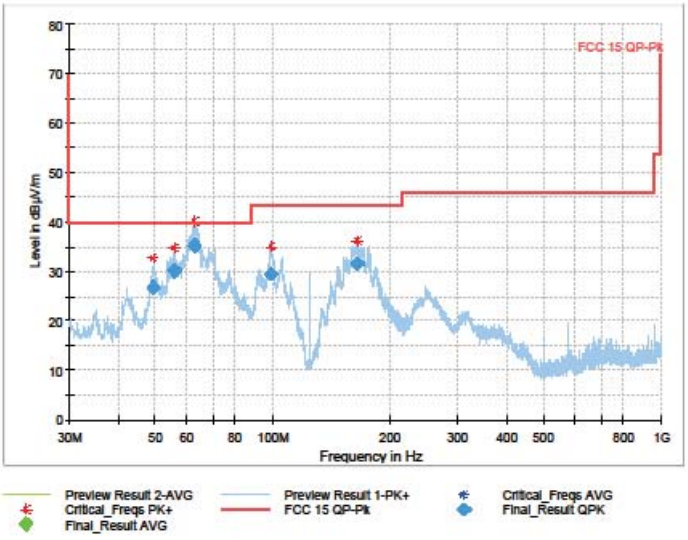
# 30MHz-1GHz_Ch_36_VHT20_2x2_(Tx-18dBm)_BF_Mode1

## Final_Result

| Frequency (MHz) | Quasi Peak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| 49.320000 | 26.82 | — | 40.00 | 13.18 | 2.0 | 100.000 | 103.8 | V | 8.0 | -23.3 |
| 55.960000 | 30.11 | — | 40.00 | 9.89 | 2.0 | 100.000 | 108.1 | V | 319.0 | -24.3 |
| 63.240000 | 35.38 | — | 40.00 | 4.62 | 2.0 | 100.000 | 103.9 | V | 125.0 | -23.9 |
| 99.320000 | 29.52 | — | 43.52 | 14.00 | 2.0 | 100.000 | 120.0 | V | 106.0 | -21.4 |
| 165.400000 | 31.64 | — | 43.51 | 11.87 | 2.0 | 100.000 | 105.3 | V | 48.0 | -19.7 |

(continuation of the "Final_Result" table from column 16 ...)

| Frequency (MHz) | Comment |
|---|---|
| 49.320000 | |
| 55.960000 | |
| 63.240000 | |
| 99.320000 | |
| 165.400000 | |

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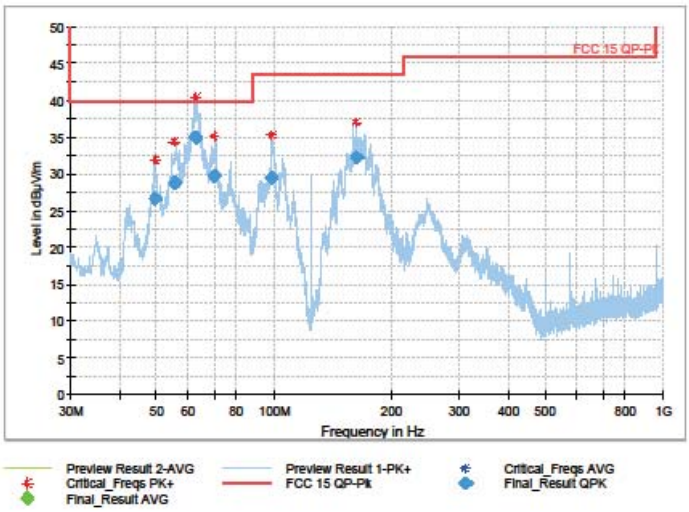
## 30MHz-1GHz_Ch_36_VHT20_2x2_(Tx-18dBm)_BF_Mode2

**Final_Result**

| Frequency (MHz) | Quasi Peak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| 49.560000 | 26.67 | — | 40.00 | 13.33 | 2.0 | 100.000 | 104.3 | V | 12.0 | -23.4 |
| 55.400000 | 28.80 | — | 40.00 | 11.20 | 2.0 | 100.000 | 108.3 | V | 318.0 | -24.3 |
| 63.320000 | 34.97 | — | 40.00 | 5.03 | 2.0 | 100.000 | 108.0 | V | 123.0 | -23.9 |
| 70.200000 | 23.78 | — | 40.00 | 10.22 | 2.0 | 100.000 | 110.0 | V | 105.0 | -23.6 |
| 98.440000 | 29.47 | — | 43.52 | 14.05 | 2.0 | 100.000 | 124.2 | V | 116.0 | -21.6 |
| 163.480000 | 32.15 | — | 43.51 | 11.36 | 2.0 | 100.000 | 103.9 | V | 48.0 | -19.6 |

(continuation of the "Final_Result" table from column 16 ...)

| Frequency (MHz) | Comment |
|---|---|
| 49.560000 | |
| 55.400000 | |
| 63.320000 | |
| 70.200000 | |
| 98.440000 | |
| 163.480000 | |

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# Mode 2- Ethernet plugged in and no traffic

1 / 1

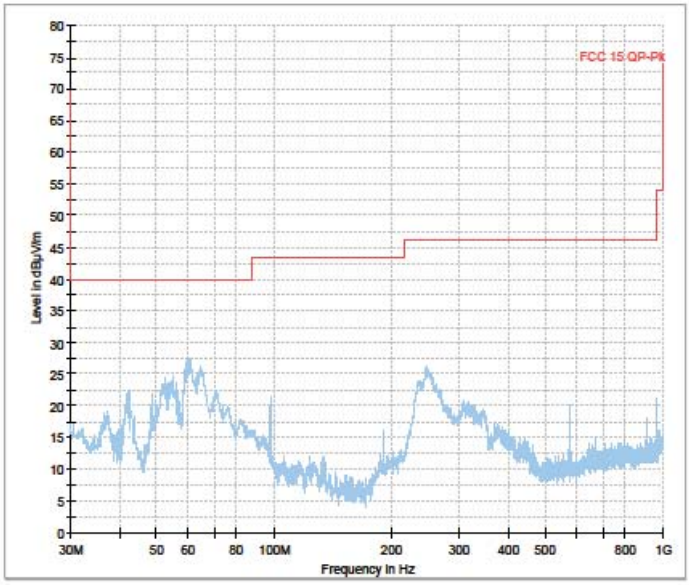
## 30MHz-1GHz_Ch_36_VHT20_2x2_(Tx-18dBm)_BF_Mode3

**Final_Result**

| Frequency (MHz) | Quasi Peak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | — | | — | — |

(continuation of the "Final_Result" table from column 16 ...)

| Frequency (MHz) | Comment |
|---|---|
| — | |

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# Mode3-No ethernet and no traffic

# 1-6GHz



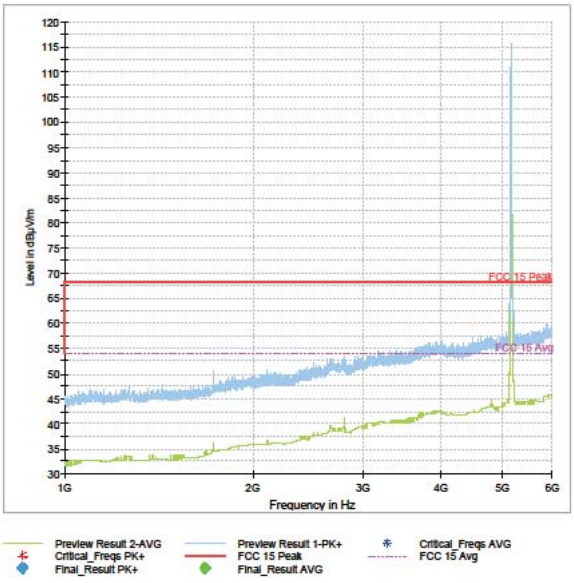
## 1-6GHz_Ch_36_NoHT_2x2_(Tx-20.5dBm)_CDD

**Final_Result**

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | — | — | | — | — |

(continuation of the "Final_Result" table from column 16 ...)

| Frequency (MHz) | Comment |
|---|---|
| — | |

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