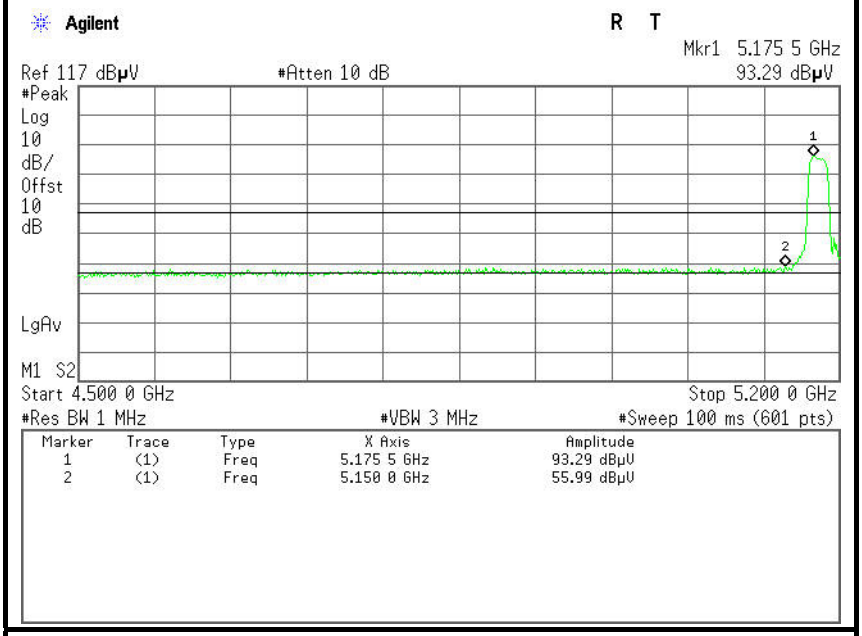
**IEEE 802.11a mode / 5180 MHz mode**

**Band Edges (CH Low)**

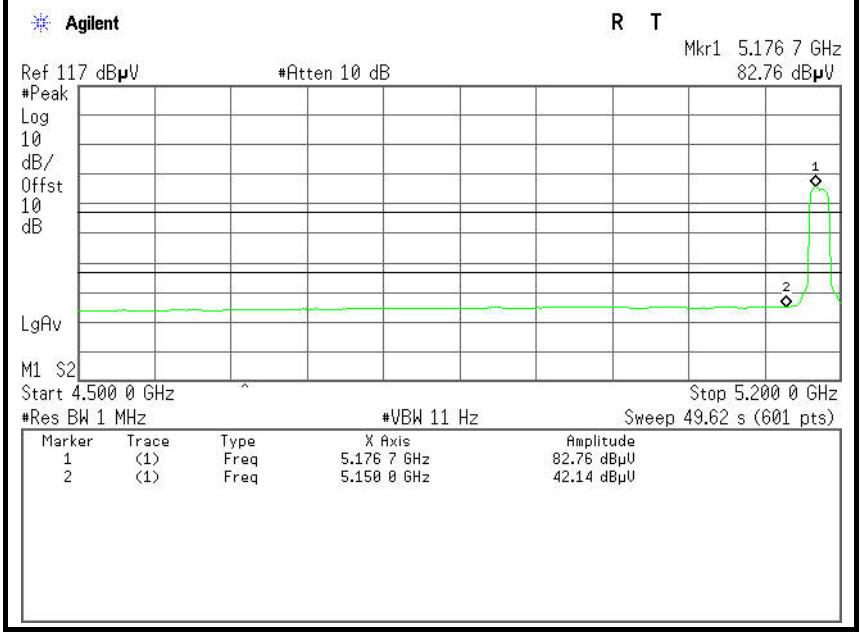
**Detector mode: Peak** **Polarity: Vertical**

Antenna 1




**Detector mode: Average** **Polarity: Vertical**

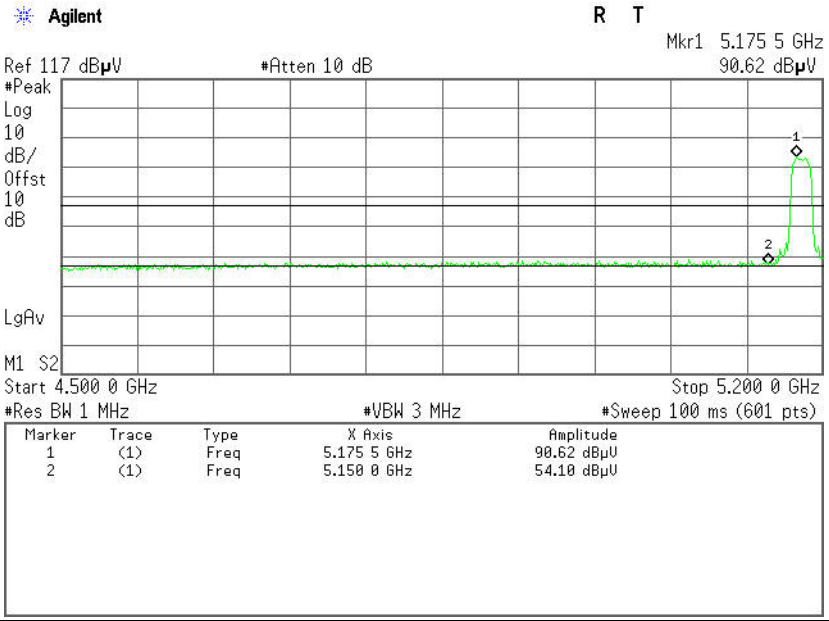
Antenna 1




| No. | Frequency (MHz) | Reading (dBuV) | Corrected (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector | Antenna Pole |
|---|---|---|---|---|---|---|---|---|
| 1 | 5150.0000 | 49.39 | -6.60 | 55.99 | 74.00 | -18.01 | Peak | Vertical |
| 2 | 5150.0000 | 35.54 | -6.60 | 42.14 | 54.00 | -11.86 | Average | Vertical |

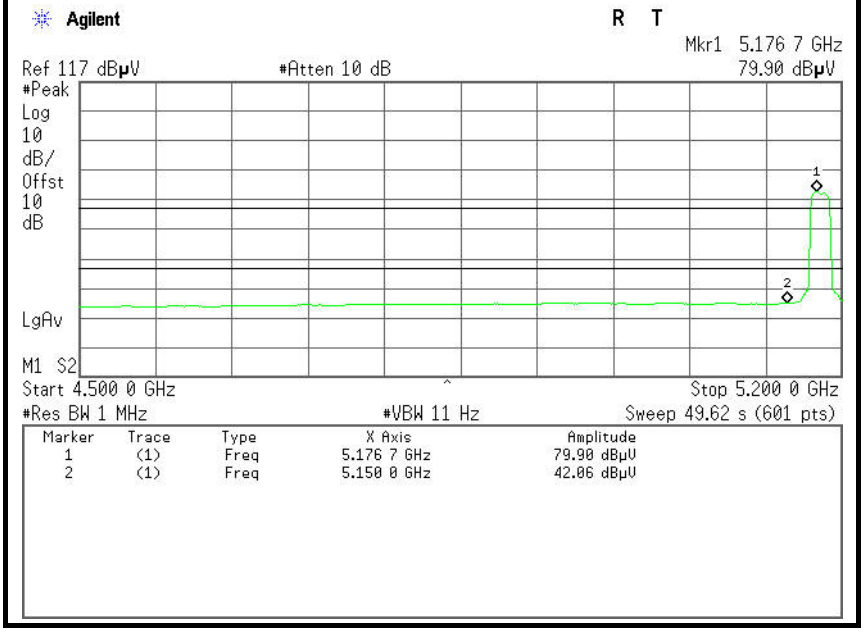
**Detector mode: Peak** **Polarity: Horizontal**

Antenna 1




**Detector mode: Average** **Polarity: Horizontal**

Antenna 1



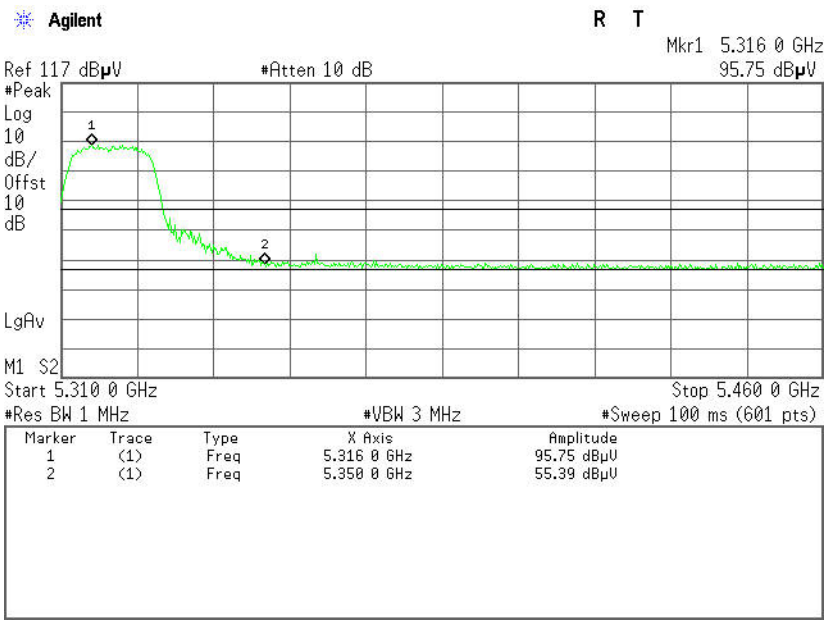

| No. | Frequency (MHz) | Reading (dBuV) | Corrected (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector | Antenna Pole |
|---|---|---|---|---|---|---|---|---|
| 1 | 5150.0000 | 47.50 | -6.60 | 54.10 | 74.00 | -19.90 | Peak | Horizontal |
| 2 | 5150.0000 | 35.46 | -6.60 | 42.06 | 54.00 | -11.94 | Average | Horizontal |

**IEEE 802.11a mode / 5320 MHz**

**Band Edges (CH High)**

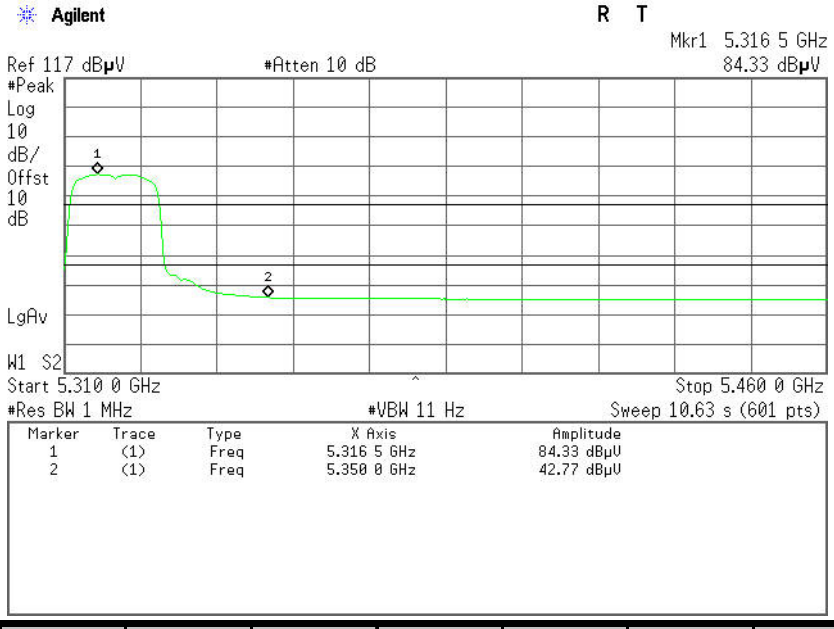
**Detector mode: Peak** **Polarity: Vertical**

Antenna 1




**Detector mode: Average** **Polarity: Vertical**

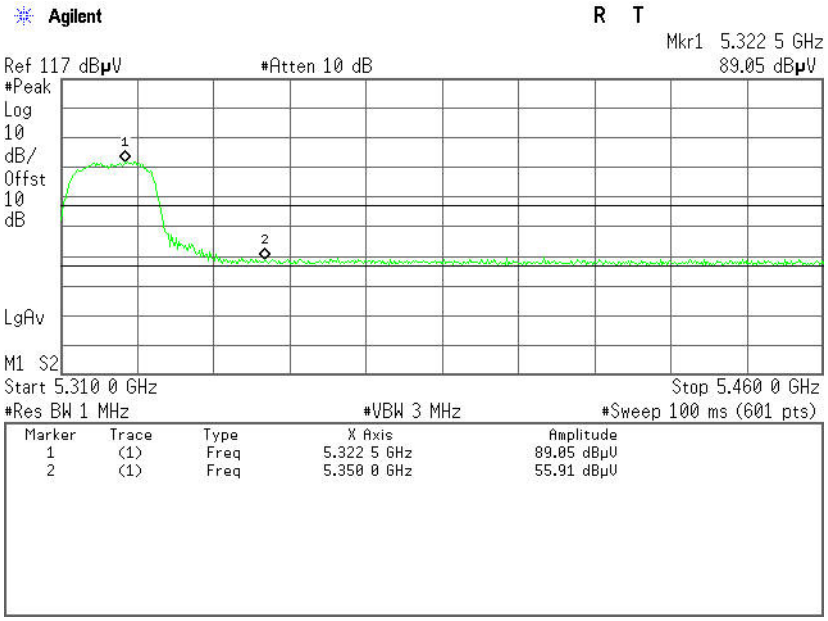
Antenna 1




| No. | Frequency (MHz) | Reading (dBuV) | Corrected (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector | Antenna Pole |
|---|---|---|---|---|---|---|---|---|
| 1 | 5350.0000 | 49.15 | -6.24 | 55.39 | 74.00 | -18.61 | Peak | Vertical |
| 2 | 5350.0000 | 36.53 | -6.24 | 42.77 | 54.00 | -11.23 | Average | Vertical |

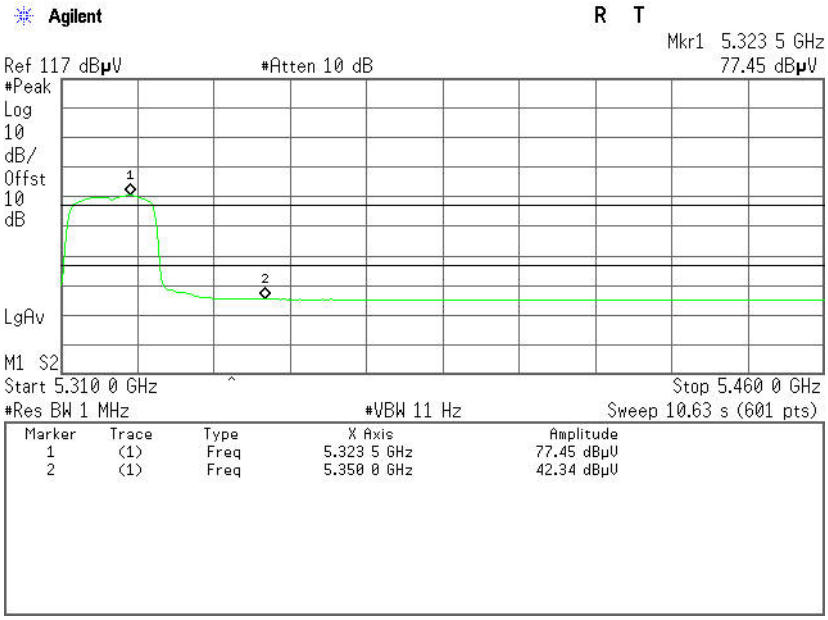
**Detector mode: Peak** **Polarity: Horizontal**

Antenna 1




**Detector mode: Average** **Polarity: Horizontal**

Antenna 1

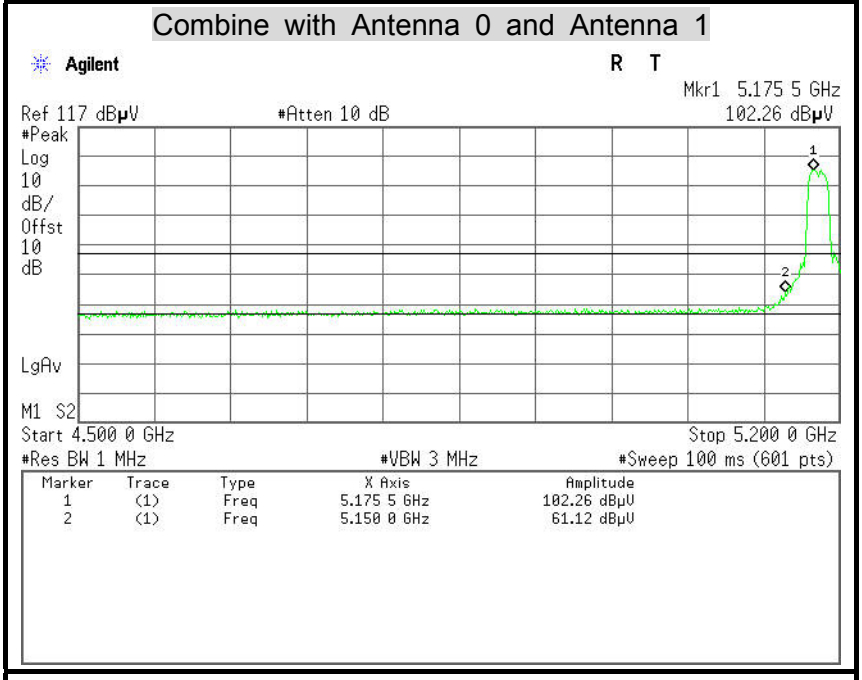



| No. | Frequency (MHz) | Reading (dBuV) | Corrected (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector | Antenna Pole |
|---|---|---|---|---|---|---|---|---|
| 1 | 5350.0000 | 52.81 | -6.24 | 59.05 | 74.00 | -14.95 | Peak | Horizontal |
| 2 | 5350.0000 | 36.10 | -6.24 | 42.34 | 54.00 | -11.66 | Average | Horizontal |

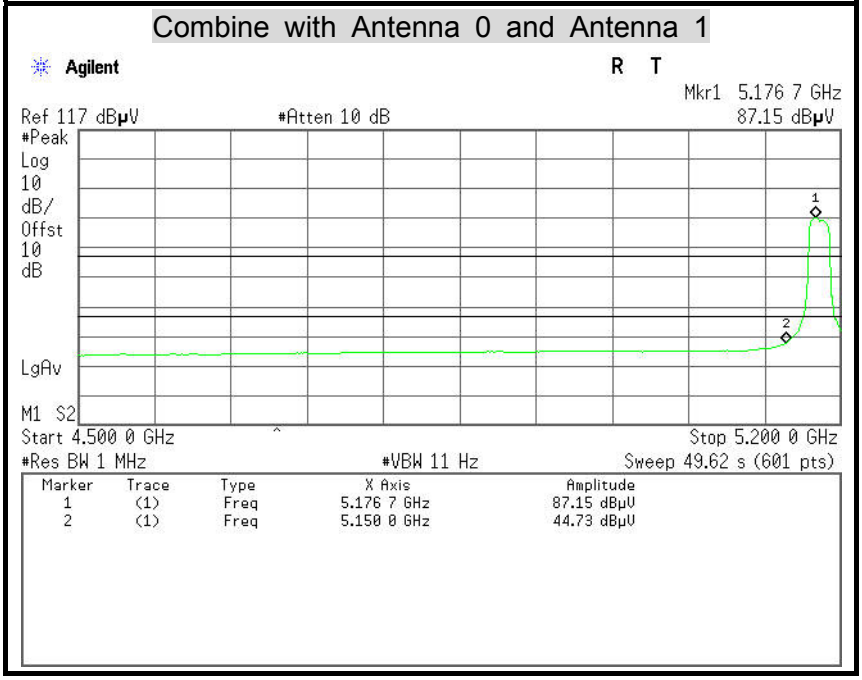
**IEEE 802.11n HT 20 MHz mode / 5180 MHz**

**Band Edges (CH Low)**

**Detector mode: Peak** **Polarity: Vertical**



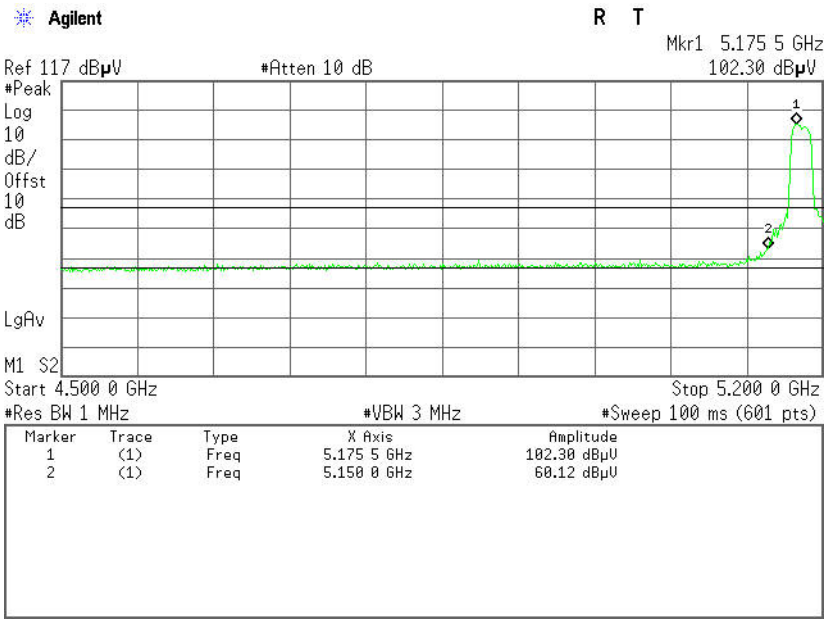

**Detector mode: Average** **Polarity: Vertical**




| No. | Frequency (MHz) | Reading (dBuV) | Corrected (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector | Antenna Pole |
|---|---|---|---|---|---|---|---|---|
| 1 | 5150.0000 | 54.52 | -6.60 | 61.12 | 74.00 | -12.88 | Peak | Vertical |
| 2 | 5150.0000 | 38.13 | -6.60 | 44.73 | 54.00 | -9.27 | Average | Vertical |

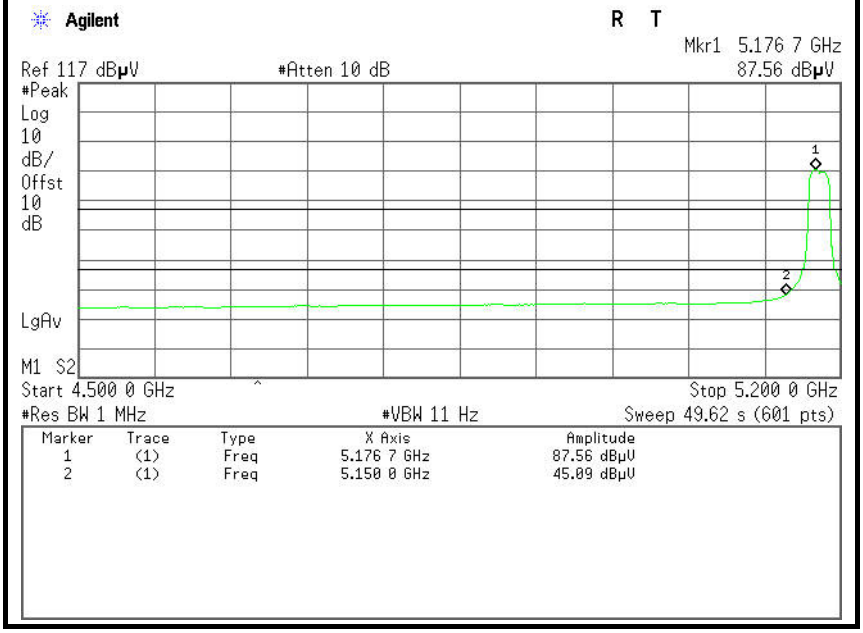
**Detector mode: Peak** **Polarity: Horizontal**

Combine with Antenna 0 and Antenna 1




**Detector mode: Average** **Polarity: Horizontal**

Combine with Antenna 0 and Antenna 1

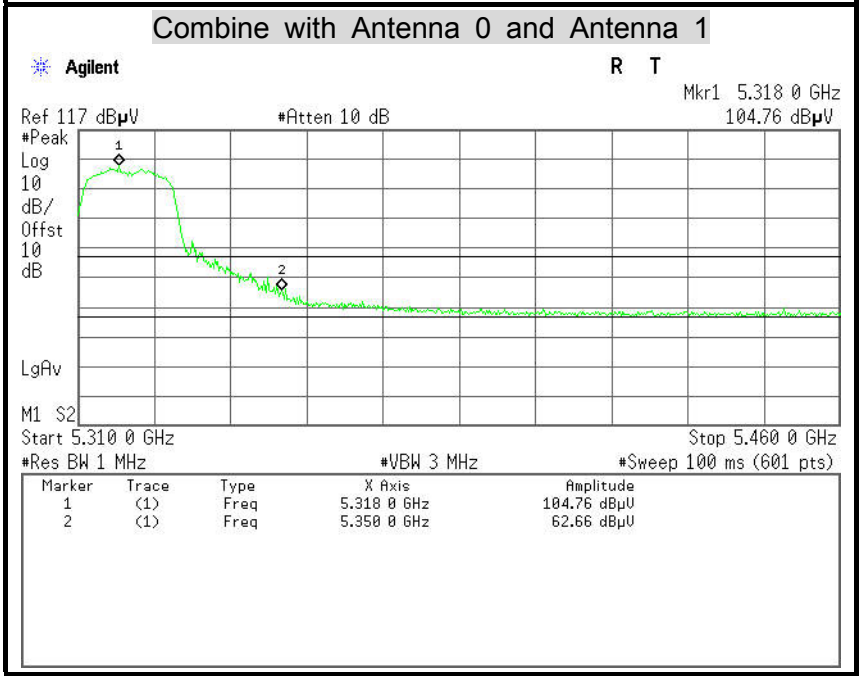



| No. | Frequency (MHz) | Reading (dBuV) | Corrected (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector | Antenna Pole |
|---|---|---|---|---|---|---|---|---|
| 1 | 5150.0000 | 53.52 | -6.60 | 60.12 | 74.00 | -13.88 | Peak | Horizontal |
| 2 | 5150.0000 | 38.49 | -6.60 | 45.09 | 54.00 | -8.91 | Average | Horizontal |

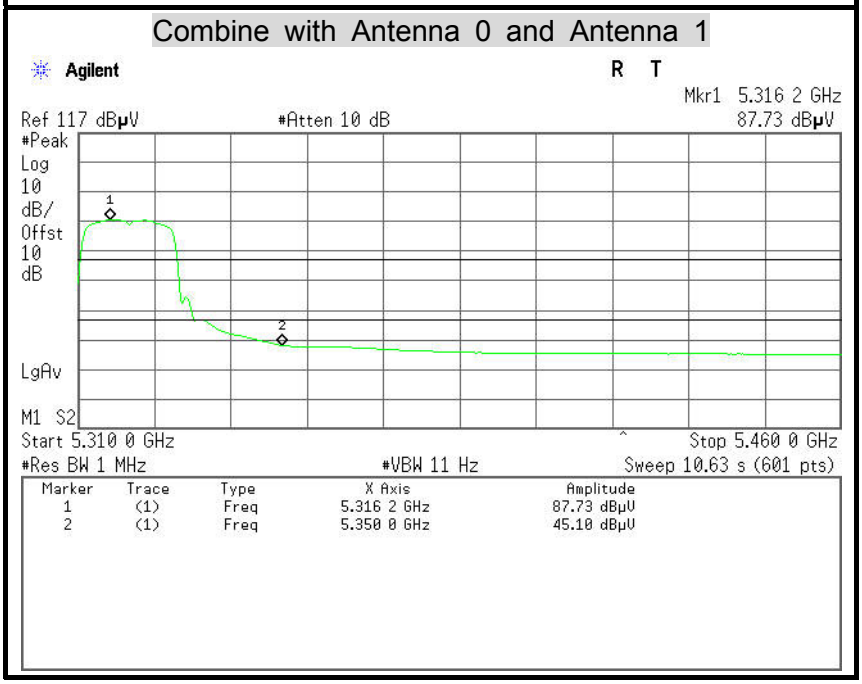
**IEEE 802.11n HT 20 MHz mode / 5320 MHz**

**Band Edges (CH High)**

**Detector mode: Peak** **Polarity: Vertical**



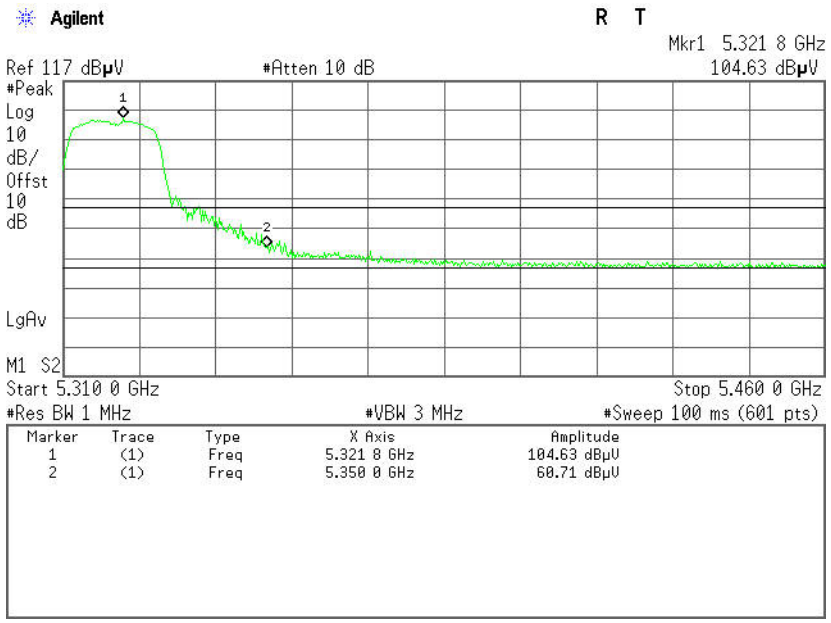

**Detector mode: Average** **Polarity: Vertical**




| No. | Frequency (MHz) | Reading (dBuV) | Corrected (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector | Antenna Pole |
|---|---|---|---|---|---|---|---|---|
| 1 | 5350.0000 | 56.42 | -6.24 | 62.66 | 74.00 | -11.34 | Peak | Vertical |
| 2 | 5350.0000 | 38.86 | -6.24 | 45.10 | 54.00 | -8.90 | Average | Vertical |

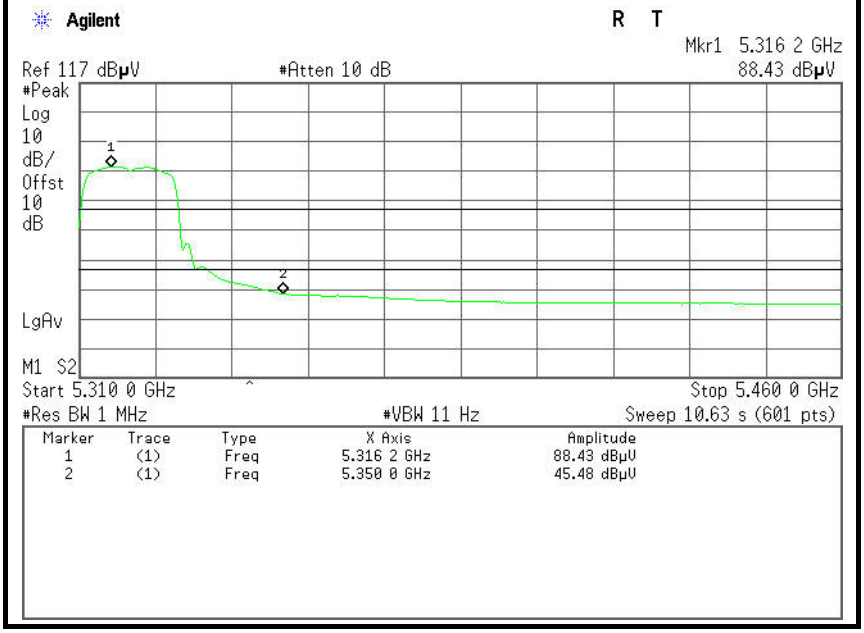
**Detector mode: Peak** **Polarity: Horizontal**

Combine with Antenna 0 and Antenna 1




**Detector mode: Average** **Polarity: Horizontal**

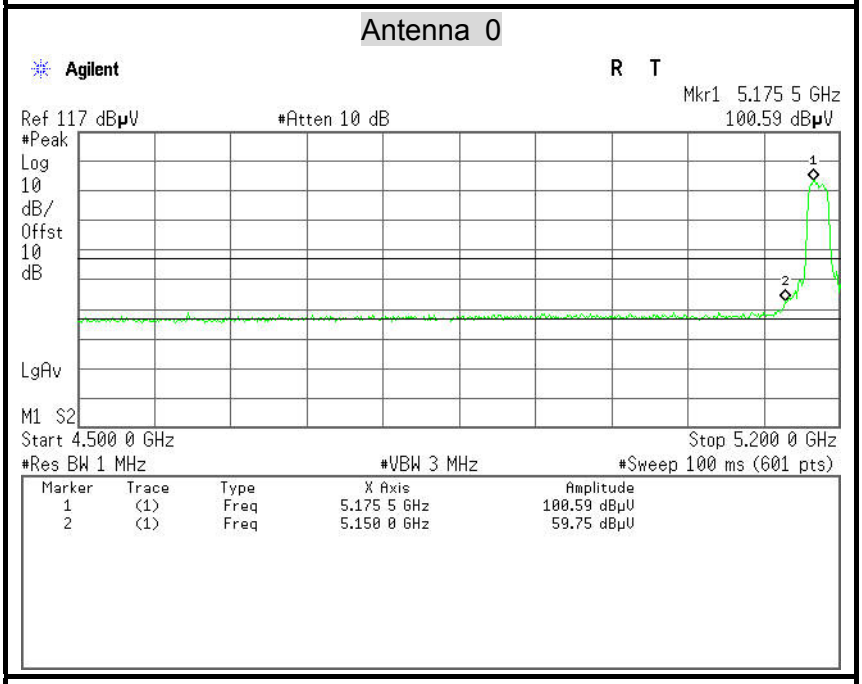
Combine with Antenna 0 and Antenna 1



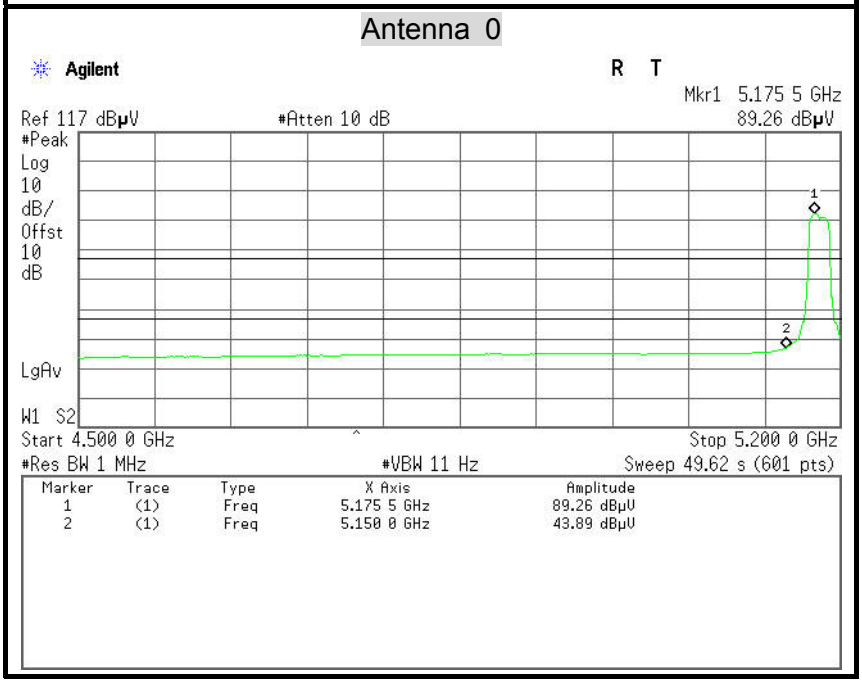

| No. | Frequency (MHz) | Reading (dBuV) | Corrected (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector | Antenna Pole |
|---|---|---|---|---|---|---|---|---|
| 1 | 5350.0000 | 54.47 | -6.24 | 60.71 | 74.00 | -13.29 | Peak | Horizontal |
| 2 | 5350.0000 | 39.24 | -6.24 | 45.48 | 54.00 | -8.52 | Average | Horizontal |

**IEEE 802.11n HT 20 MHz SISO mode / 5180 MHz mode**
**Band Edges (CH Low)**

**Detector mode: Peak** **Polarity: Vertical**



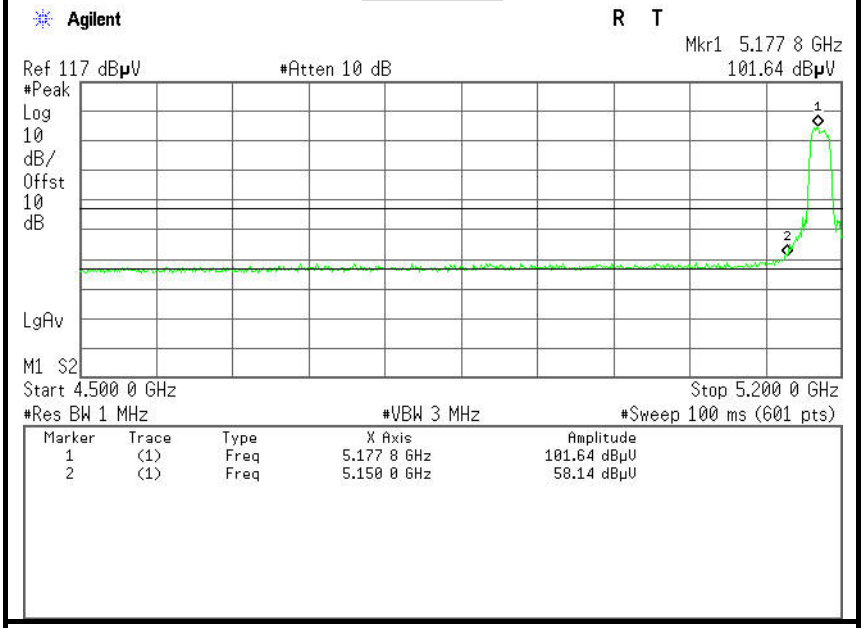

**Detector mode: Average** **Polarity: Vertical**




| No. | Frequency (MHz) | Reading (dBuV) | Corrected (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector | Antenna Pole |
|---|---|---|---|---|---|---|---|---|
| 1 | 5150.0000 | 53.15 | -6.60 | 59.75 | 74.00 | -14.25 | Peak | Vertical |
| 2 | 5150.0000 | 37.29 | -6.60 | 43.89 | 54.00 | -10.11 | Average | Vertical |

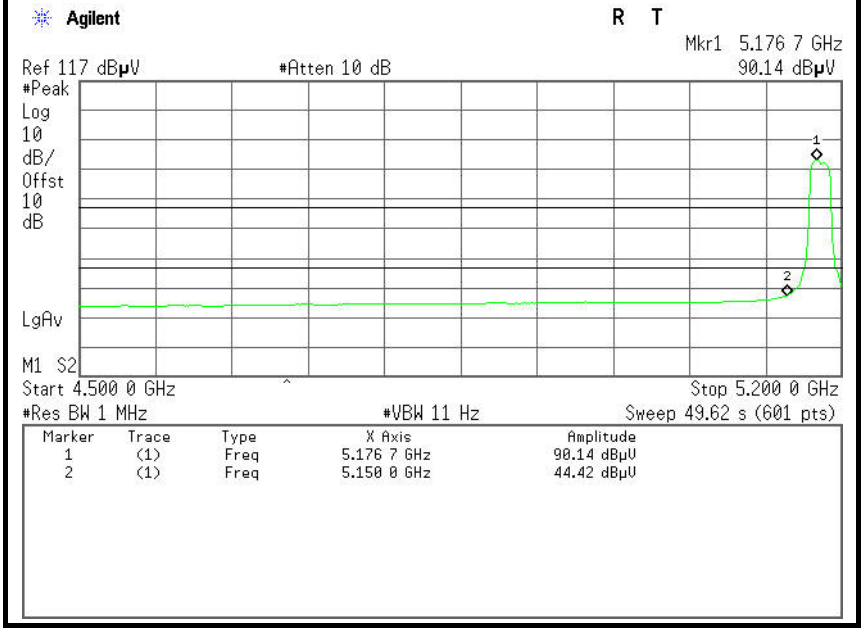
**Detector mode: Peak** **Polarity: Horizontal**

Antenna 0




**Detector mode: Average** **Polarity: Horizontal**

Antenna 0

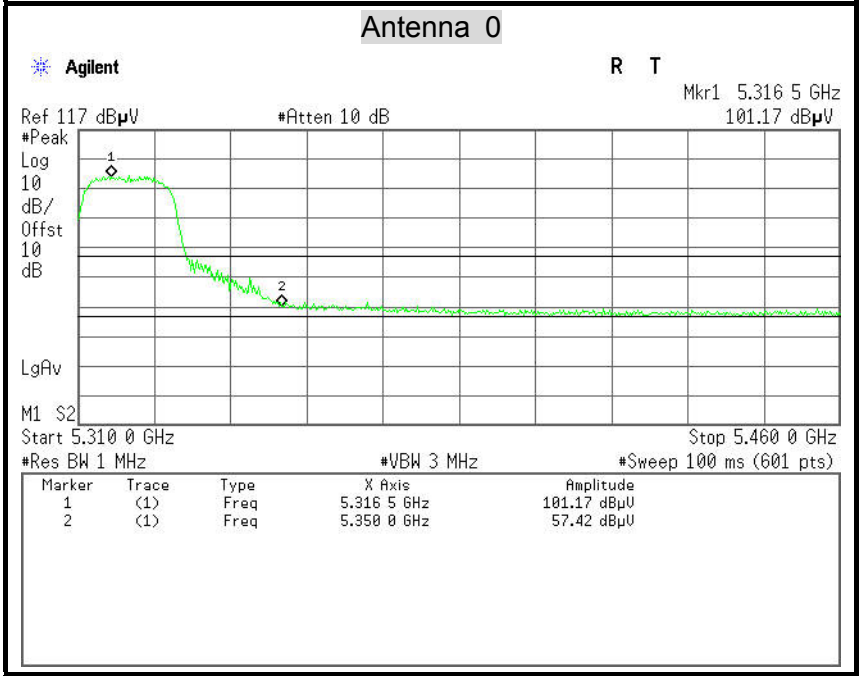



| No. | Frequency (MHz) | Reading (dBuV) | Corrected (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector | Antenna Pole |
|---|---|---|---|---|---|---|---|---|
| 1 | 5150.0000 | 51.54 | -6.60 | 58.14 | 74.00 | -15.86 | Peak | Horizontal |
| 2 | 5150.0000 | 37.82 | -6.60 | 44.42 | 54.00 | -9.58 | Average | Horizontal |

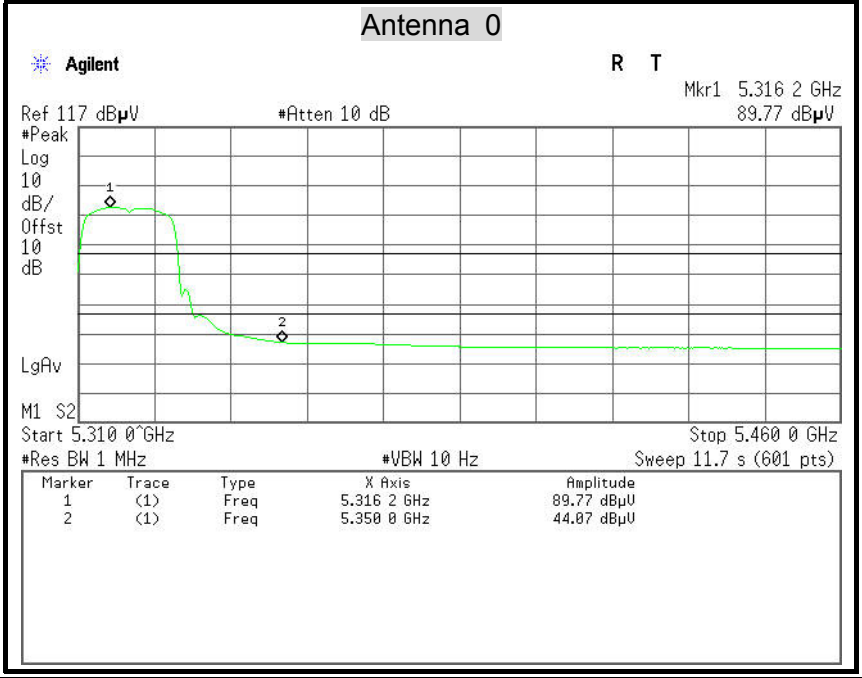
**IEEE 802.11n HT 20 MHz SISO mode / 5320 MHz mode**

**Band Edges (CH High)**

**Detector mode: Peak** **Polarity: Vertical**



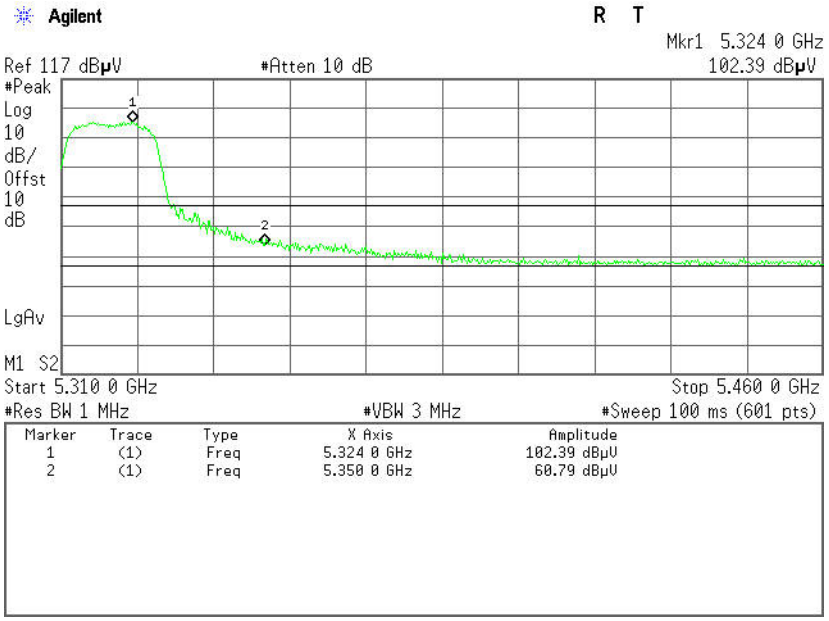

**Detector mode: Average** **Polarity: Vertical**




| No. | Frequency (MHz) | Reading (dBuV) | Corrected (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector | Antenna Pole |
|---|---|---|---|---|---|---|---|---|
| 1 | 5350.0000 | 51.18 | -6.24 | 57.42 | 74.00 | -16.58 | Peak | Vertical |
| 2 | 5350.0000 | 37.83 | -6.24 | 44.07 | 54.00 | -9.93 | Average | Vertical |

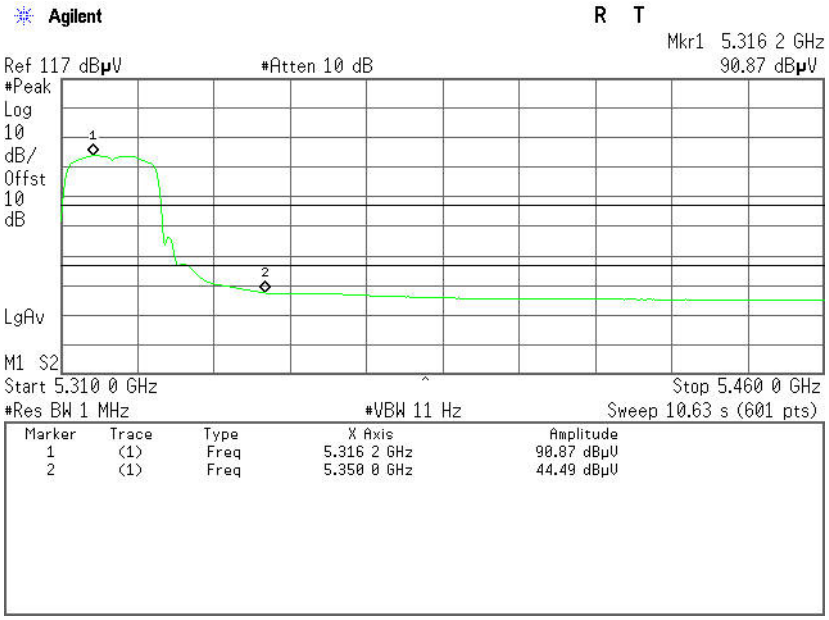
**Detector mode: Peak** **Polarity: Horizontal**

Antenna 0




**Detector mode: Average** **Polarity: Horizontal**

Antenna 0

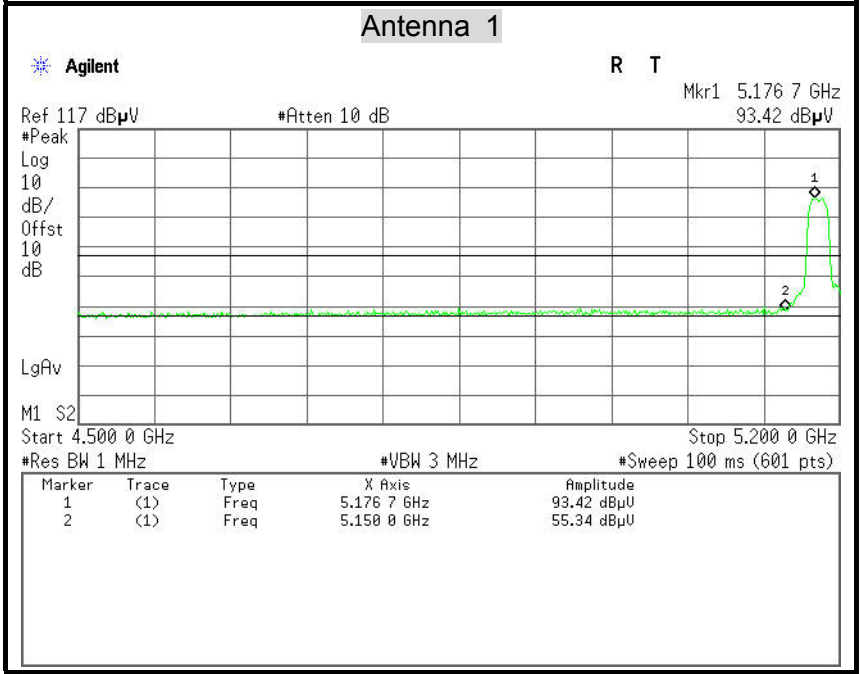



| No. | Frequency (MHz) | Reading (dBuV) | Corrected (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector | Antenna Pole |
|---|---|---|---|---|---|---|---|---|
| 1 | 5350.0000 | 54.55 | -6.24 | 60.79 | 74.00 | -13.21 | Peak | Horizontal |
| 2 | 5350.0000 | 38.25 | -6.24 | 44.49 | 54.00 | -9.51 | Average | Horizontal |

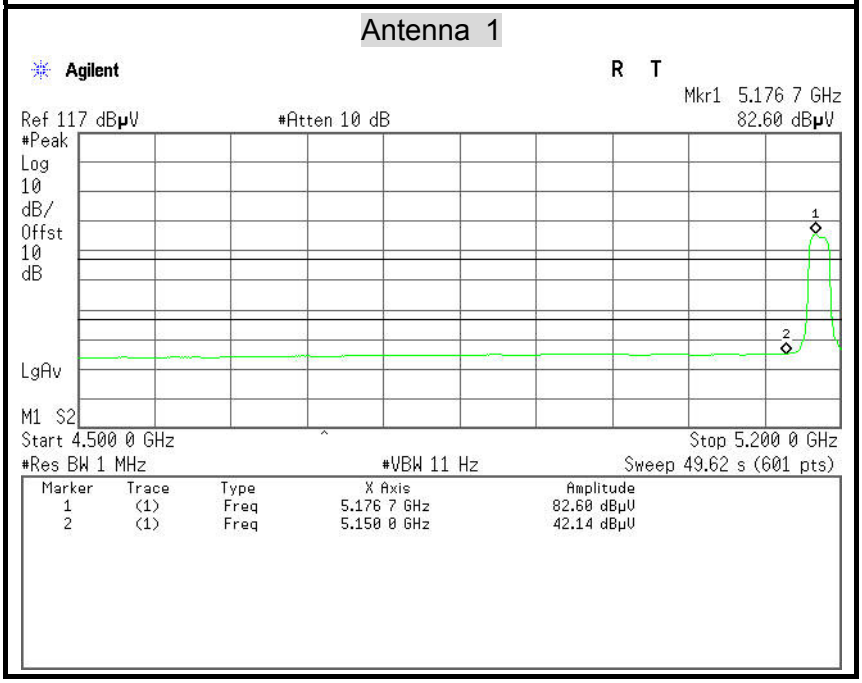
**IEEE 802.11n HT 20 MHz SISO mode / 5180 MHz mode**

**Band Edges (CH Low)**

**Detector mode: Peak** **Polarity: Vertical**



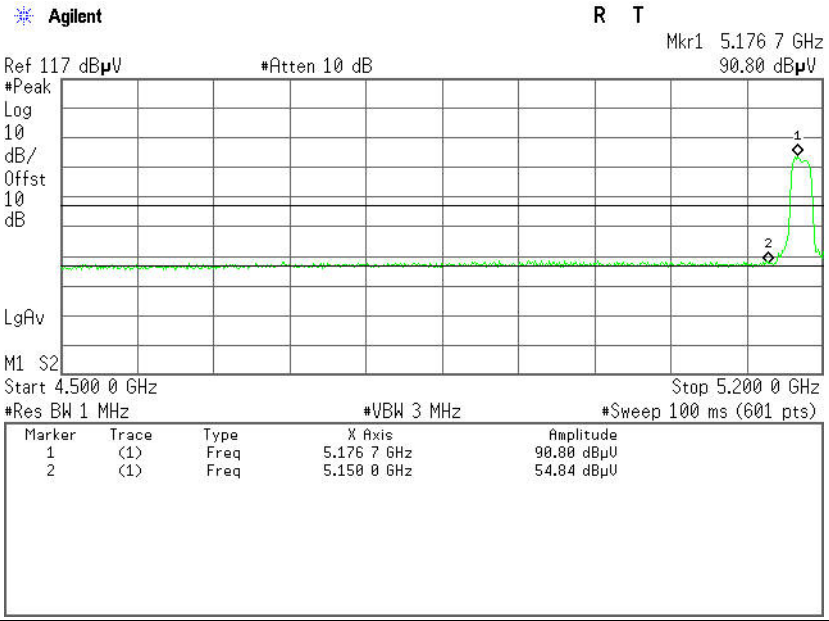

**Detector mode: Average** **Polarity: Vertical**




| No. | Frequency (MHz) | Reading (dBuV) | Corrected (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector | Antenna Pole |
|---|---|---|---|---|---|---|---|---|
| 1 | 5150.0000 | 48.74 | -6.60 | 55.34 | 74.00 | -18.66 | Peak | Vertical |
| 2 | 5150.0000 | 35.54 | -6.60 | 42.14 | 54.00 | -11.86 | Average | Vertical |

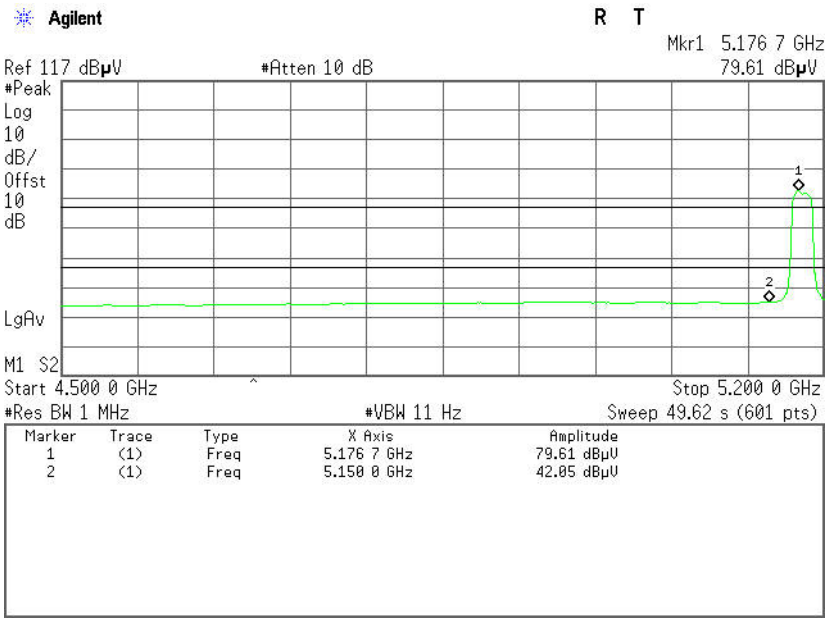
**Detector mode: Peak** **Polarity: Horizontal**

Antenna 1




**Detector mode: Average** **Polarity: Horizontal**

Antenna 1



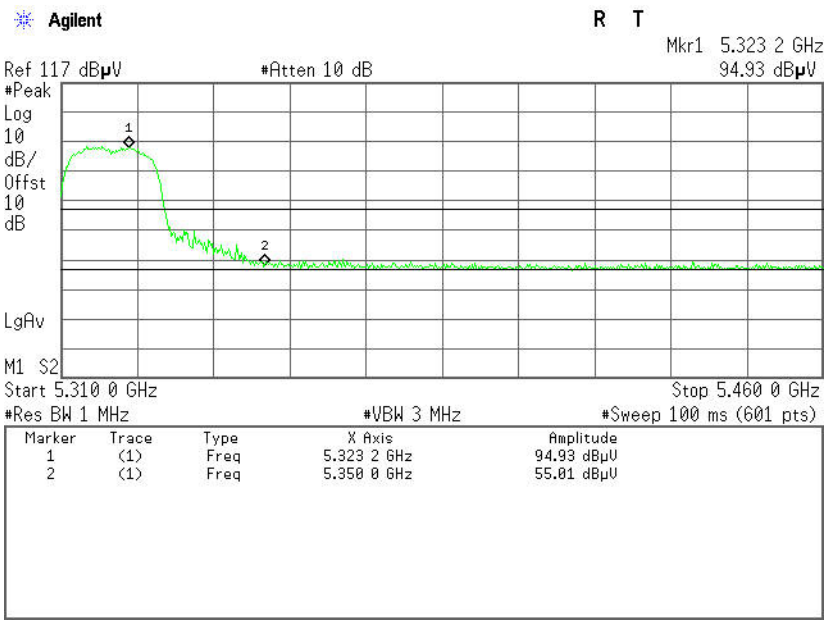

| No. | Frequency (MHz) | Reading (dBuV) | Corrected (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector | Antenna Pole |
|---|---|---|---|---|---|---|---|---|
| 1 | 5150.0000 | 48.24 | -6.60 | 54.84 | 74.00 | -19.16 | Peak | Horizontal |
| 2 | 5150.0000 | 35.45 | -6.60 | 42.05 | 54.00 | -11.95 | Average | Horizontal |

**IEEE 802.11n HT 20 MHz SISO mode / 5320 MHz**

**Band Edges (CH High)**

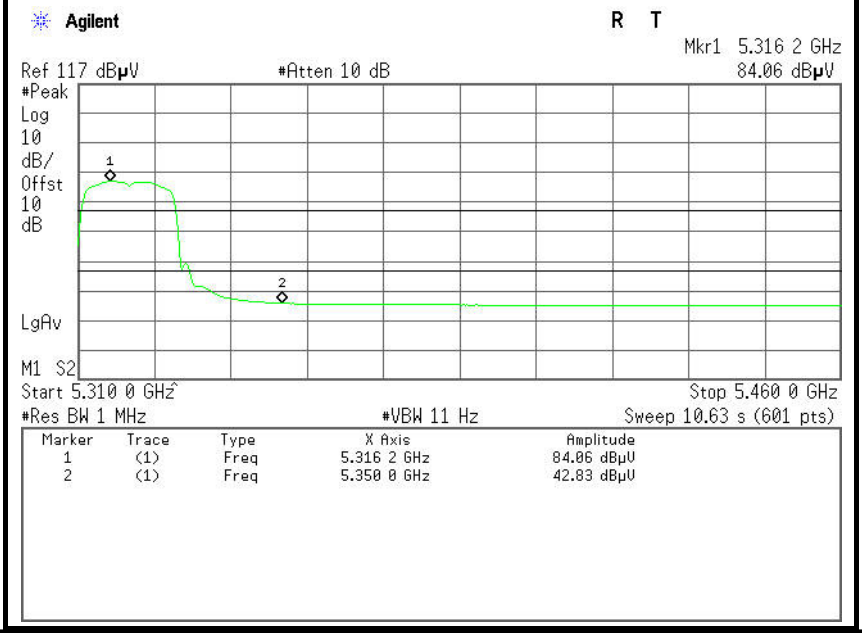
**Detector mode: Peak** **Polarity: Vertical**

Antenna 1




**Detector mode: Average** **Polarity: Vertical**

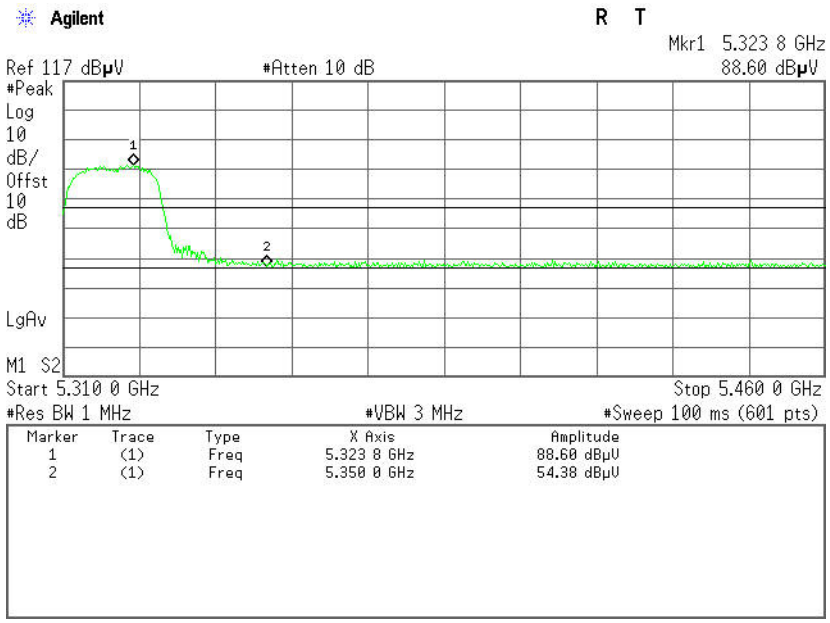
Antenna 1




| No. | Frequency (MHz) | Reading (dBuV) | Corrected (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector | Antenna Pole |
|---|---|---|---|---|---|---|---|---|
| 1 | 5350.0000 | 48.77 | -6.24 | 55.01 | 74.00 | -18.99 | Peak | Vertical |
| 2 | 5350.0000 | 36.59 | -6.24 | 42.83 | 54.00 | -11.17 | Average | Vertical |

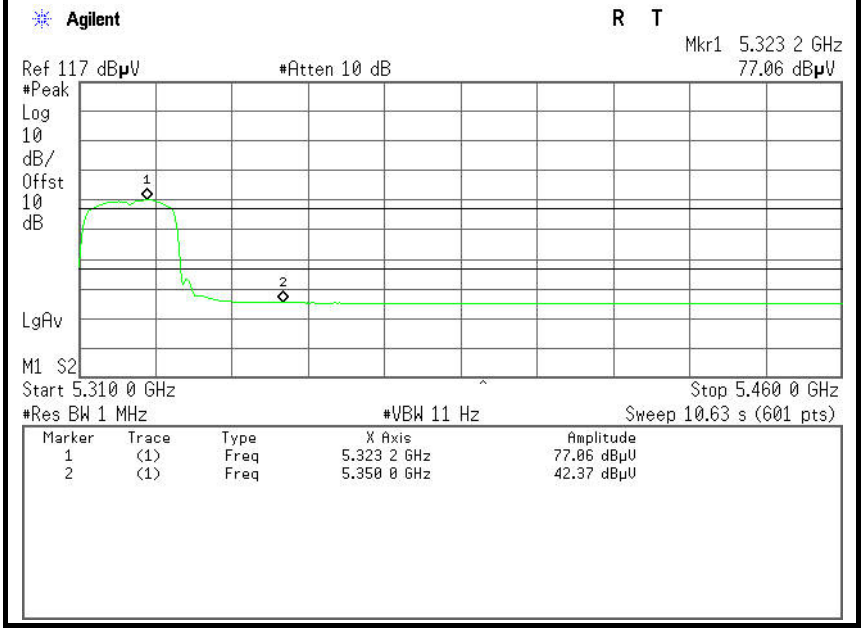
**Detector mode: Peak** **Polarity: Horizontal**

Antenna 1




**Detector mode: Average** **Polarity: Horizontal**

Antenna 1




| No. | Frequency (MHz) | Reading (dBuV) | Corrected (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Detector | Antenna Pole |
|---|---|---|---|---|---|---|---|---|
| 1 | 5350.0000 | 48.14 | -6.24 | 54.38 | 74.00 | -19.62 | Peak | Horizontal |
| 2 | 5350.0000 | 36.13 | -6.24 | 42.37 | 54.00 | -11.63 | Average | Horizontal |

# 7.5 PEAK POWER SPECTAL DENSITY

## 7.5.1 LIMIT

**According to §15.407(a)**

(1) For the band 5.15-5.25 GHz, the peak power spectral density shall not exceed 4dBm in any 1MHz band.

(2) For the band 5.25-5.35 GHz, the peak power spectral density shall not exceed 11dBm in any 1MHz band.

(3) For the band 5.725–5.825 GHz, the peak power spectral density shall not exceed 17 dBm in any 1MHz band.

**According to RSS-210 §A9.2,**

(1) For the band 5150-5250 MHz, the e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.

(2) For the band 5250-5350 MHz and 5470-5725 MHz, the power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

(3) For the band 5725-5825 MHz, the power spectral density shall not exceed 17 dBm in any 1.0 MHz band.

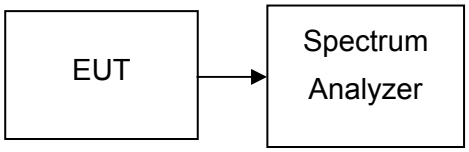
*If transmitting antennas of directional gain greater than 6dBi are used, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.*

## 7.5.2 MEASUREMENT EQUIPMENT USED

| Name of Equipment | Manufacturer | Model | Serial Number | Last Calibration | Due Calibration |
|---|---|---|---|---|---|
| Spectrum Analyzer | Agilent | E4446A | US44300399 | 03/01/2014 | 03/01/2015 |

***Remark:*** *Each piece of equipment is scheduled for calibration once a year.*

## 7.5.3 TEST CONFIGURATION




## 7.5.4 TEST PROCEDURE

1. Place the EUT on the table and set it in transmitting mode.
   Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
2. Set the spectrum analyzer as RBW = 1MHz, VBW = 3MHz, Span = Sweep= AUTO
3. Record the max. reading.
4. Repeat the above procedure until the measurements for all frequencies are completed

## 7.5.5 TEST RESULTS

## Test Data

**Test mode: IEEE 802.11a mode / 5180 ~ 5240MHz**

| Channel | Frequency (MHz) | PPSD (dBm) | | Limit (dBm) | Margin | | Result |
|---|---|---|---|---|---|---|---|
| | | Antenna 0 | Antenna 1 | | Antenna 0 | Antenna 1 | |
| Low | 5180 | -2.867 | -3.186 | 4 | -6.867 | -7.186 | PASS |
| Mid | 5220 | -2.183 | -0.916 | | -6.183 | -4.916 | PASS |
| High | 5240 | -2.796 | -1.226 | | -6.796 | -5.226 | PASS |

**Test mode: IEEE 802.11a mode / 5260 ~ 5320MHz**

| Channel | Frequency (MHz) | PPSD (dBm) | | Limit (dBm) | Margin | | Result |
|---|---|---|---|---|---|---|---|
| | | Antenna 0 | Antenna 1 | | Antenna 0 | Antenna 1 | |
| Low | 5260 | -1.262 | -3.187 | 11 | -12.262 | -14.187 | PASS |
| Mid | 5280 | -3.153 | -1.851 | | -14.153 | -12.851 | PASS |
| High | 5320 | -2.278 | -2.227 | | -13.278 | -13.227 | PASS |

**Test mode: IEEE 802.11a mode / 5500 ~ 5700MHz**

| Channel | Frequency (MHz) | PPSD (dBm) | | Limit (dBm) | Margin | | Result |
|---|---|---|---|---|---|---|---|
| | | Antenna 0 | Antenna 1 | | Antenna 0 | Antenna 1 | |
| Low | 5500 | -1.885 | -1.313 | 11 | -12.885 | -12.313 | PASS |
| Mid | 5580 | -1.651 | -0.992 | | -12.651 | -11.992 | PASS |
| High | 5700 | -3.370 | -2.736 | | -14.370 | -13.736 | PASS |

**Test mode: IEEE 802.11a mode / 5745 ~ 5805MHz**

| Channel | Frequency (MHz) | PPSD (dBm) | | Limit (dBm) | Margin | | Result |
|---|---|---|---|---|---|---|---|
| | | Antenna 0 | Antenna 1 | | Antenna 0 | Antenna 1 | |
| Low | 5745 | -3.982 | -2.537 | 17 | -20.982 | -19.537 | PASS |
| Mid | 5785 | -3.097 | -1.963 | | -20.097 | -18.963 | PASS |
| High | 5805 | -4.141 | -4.604 | | -21.141 | -21.604 | PASS |

**Test mode: IEEE 802.11n HT 20 MHz mode / 5180 ~ 5240MHz**

| Channel | Frequency (MHz) | PPSD (dBm) | | Total (dBm) | Limit (dBm) | Margin | Result |
|---|---|---|---|---|---|---|---|
| | | Antenna 0 | Antenna 1 | | | | |
| Low | 5180 | -3.201 | -2.878 | -0.026 | 4 | -4.026 | PASS |
| Mid | 5220 | -2.151 | -2.729 | 0.580 | | -3.420 | PASS |
| High | 5240 | -2.195 | -2.585 | 0.625 | | -3.375 | PASS |

**Test mode: IEEE 802.11n HT 20 MHz mode / 5260 ~ 5320MHz**

| Channel | Frequency (MHz) | PPSD (dBm) | | Total (dBm) | Limit (dBm) | Margin | Result |
|---|---|---|---|---|---|---|---|
| | | Antenna 0 | Antenna 1 | | | | |
| Low | 5260 | -3.585 | -1.018 | 0.896 | 11 | -10.104 | PASS |
| Mid | 5280 | -2.085 | -0.768 | 1.634 | | -9.366 | PASS |
| High | 5320 | -2.732 | -3.278 | 0.014 | | -10.986 | PASS |

**Test mode: IEEE 802.11n HT 20 MHz mode / 5500 ~ 5700MHz**

| Channel | Frequency (MHz) | PPSD (dBm) | | Total (dBm) | Limit (dBm) | Margin | Result |
|---|---|---|---|---|---|---|---|
| | | Antenna 0 | Antenna 1 | | | | |
| Low | 5500 | -2.398 | -1.528 | 1.069 | 11 | -9.931 | PASS |
| Mid | 5580 | -1.683 | -1.335 | 1.505 | | -9.495 | PASS |
| High | 5700 | -5.069 | -2.943 | -0.867 | | -11.867 | PASS |

**Test mode: IEEE 802.11n HT 20 MHz mode / 5745 ~ 5805MHz**

| Channel | Frequency (MHz) | PPSD (dBm) | | Total (dBm) | Limit (dBm) | Margin | Result |
|---|---|---|---|---|---|---|---|
| | | Antenna 0 | Antenna 1 | | | | |
| Low | 5745 | -4.503 | -3.222 | -0.805 | 17 | -17.805 | PASS |
| Mid | 5785 | -4.414 | -3.676 | -1.019 | | -18.019 | PASS |
| High | 5805 | -3.803 | -3.512 | -0.645 | | -17.645 | PASS |

**Test mode: IEEE 802.11n HT 20 MHz SISO mode / 5180 ~ 5240MHz**

| Channel | Frequency (MHz) | PPSD (dBm) | | Limit (dBm) | Margin | | Result |
|---|---|---|---|---|---|---|---|
| | | Antenna 0 | Antenna 1 | | Antenna 0 | Antenna 1 | |
| Low | 5180 | -3.924 | -7.347 | 4 | -7.924 | -11.347 | PASS |
| Mid | 5220 | 5.159 | -3.652 | | 1.159 | -7.652 | PASS |
| High | 5240 | -5.837 | -5.173 | | -9.837 | -9.173 | PASS |

**Test mode: IEEE 802.11n HT 20 MHz SISO mode / 5260 ~ 5320MHz**

| Channel | Frequency (MHz) | PPSD (dBm) | | Limit (dBm) | Margin | | Result |
|---|---|---|---|---|---|---|---|
| | | Antenna 0 | Antenna 1 | | Antenna 0 | Antenna 1 | |
| Low | 5260 | -2.753 | -6.935 | 11 | -13.753 | -17.935 | PASS |
| Mid | 5280 | -3.303 | -5.546 | | -14.303 | -16.546 | PASS |
| High | 5320 | -5.058 | -6.715 | | -16.058 | -17.715 | PASS |

**Test mode: IEEE 802.11n HT 20 MHz SISO mode / 5500 ~ 5700MHz**

| Channel | Frequency (MHz) | PPSD (dBm) | | Limit (dBm) | Margin | | Result |
|---|---|---|---|---|---|---|---|
| | | Antenna 0 | Antenna 1 | | Antenna 0 | Antenna 1 | |
| Low | 5500 | -3.067 | -4.759 | 11 | -14.067 | -15.759 | PASS |
| Mid | 5580 | -3.269 | -7.119 | | -14.269 | -18.119 | PASS |
| High | 5700 | -5.034 | -6.203 | | -16.034 | -17.203 | PASS |

**Test mode: IEEE 802.11n HT 20 MHz SISO mode / 5745 ~ 5805MHz**

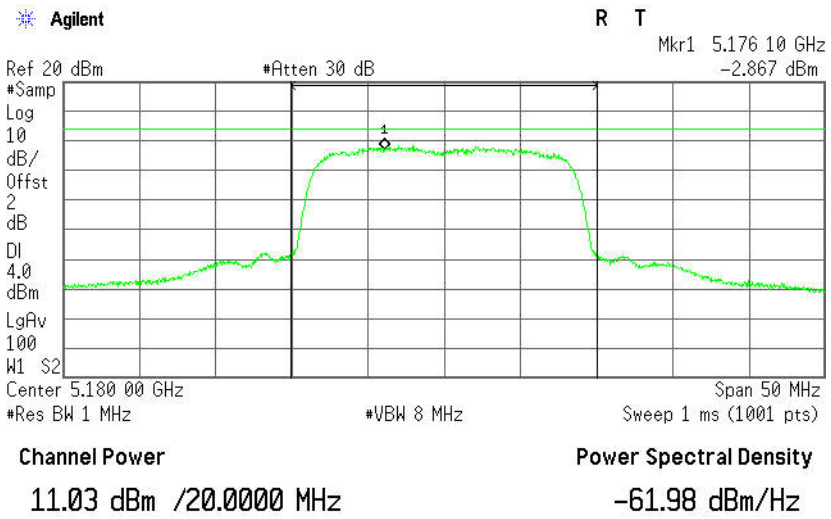
| Channel | Frequency (MHz) | PPSD (dBm) | | Limit (dBm) | Margin | | Result |
|---|---|---|---|---|---|---|---|
| | | Antenna 0 | Antenna 1 | | Antenna 0 | Antenna 1 | |
| Low | 5745 | -8.793 | -6.727 | 17 | -25.793 | -23.727 | PASS |
| Mid | 5785 | -6.301 | -5.007 | | -23.301 | -22.007 | PASS |
| High | 5805 | 8.999 | -7.322 | | -8.001 | -24.322 | PASS |

## Test Plot

**IEEE 802.11a mode / 5180 ~ 5240MHz**

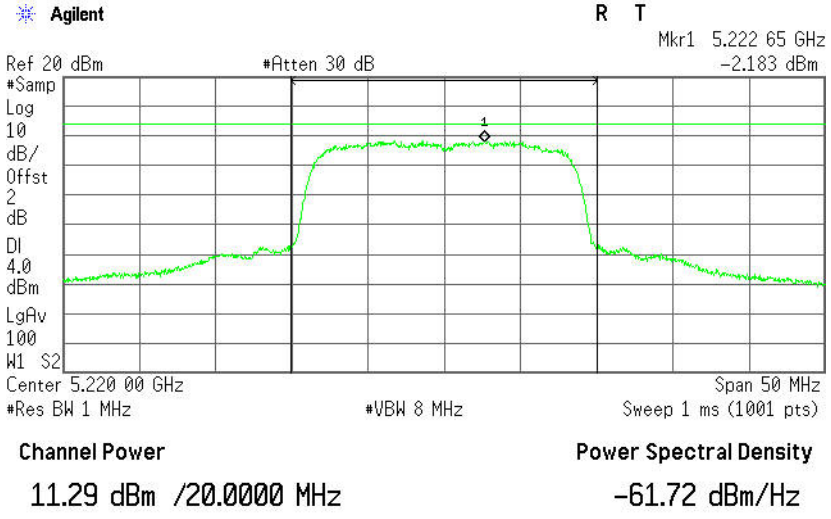
**PPSD (CH Low)**

Antenna 0



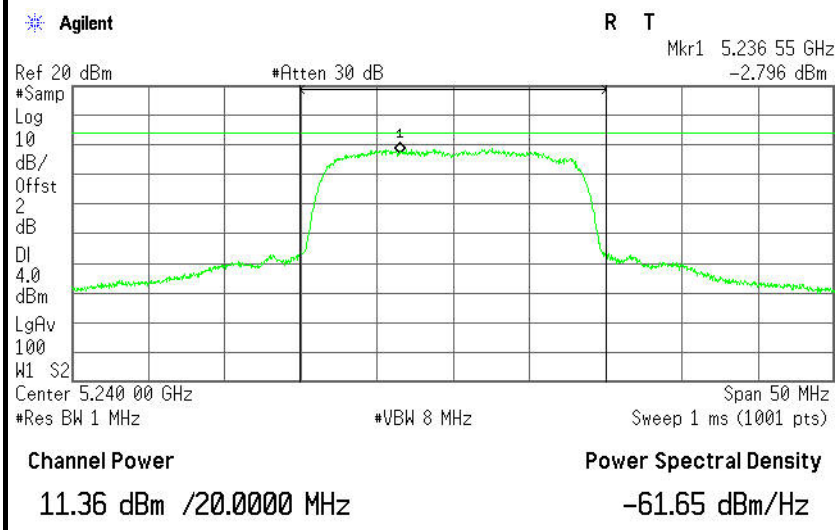

**PPSD (CH Mid)**

Antenna 0



**PPSD (CH High)**

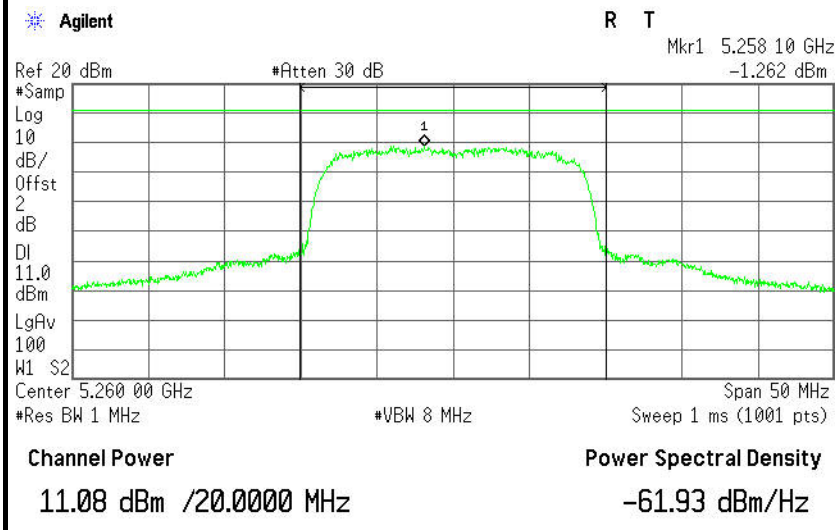
Antenna 0




**IEEE 802.11a mode / 5260 ~ 5320MHz**

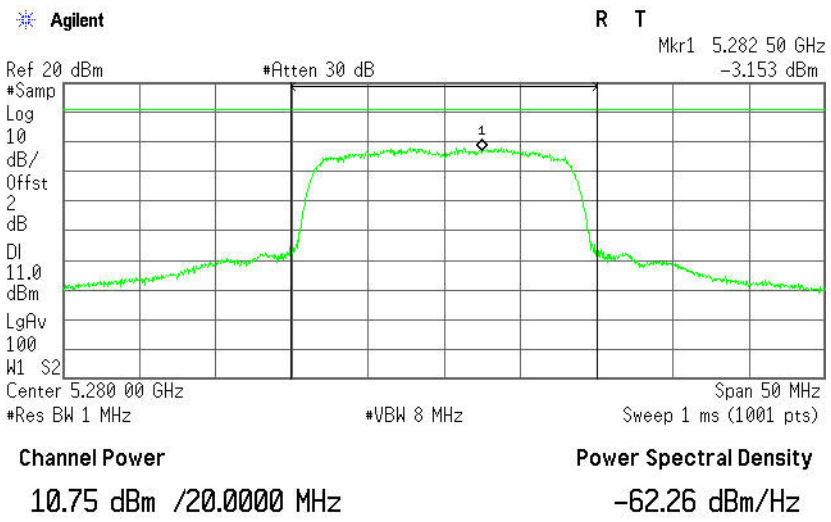
**PPSD (CH Low)**

Antenna 0



**PPSD (CH Mid)**

Antenna 0




**Channel Power**

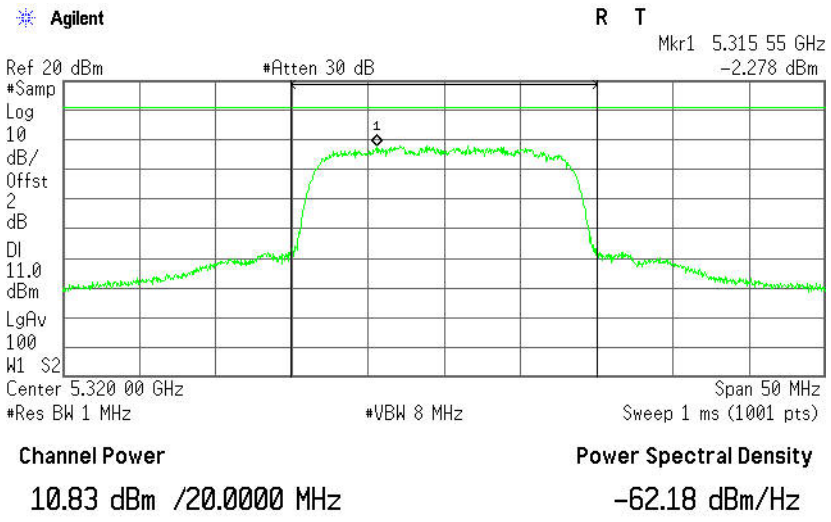
10.75 dBm /20.0000 MHz

**Power Spectral Density**

-62.26 dBm/Hz

**PPSD (CH High)**

Antenna 0




**Channel Power**

10.83 dBm /20.0000 MHz

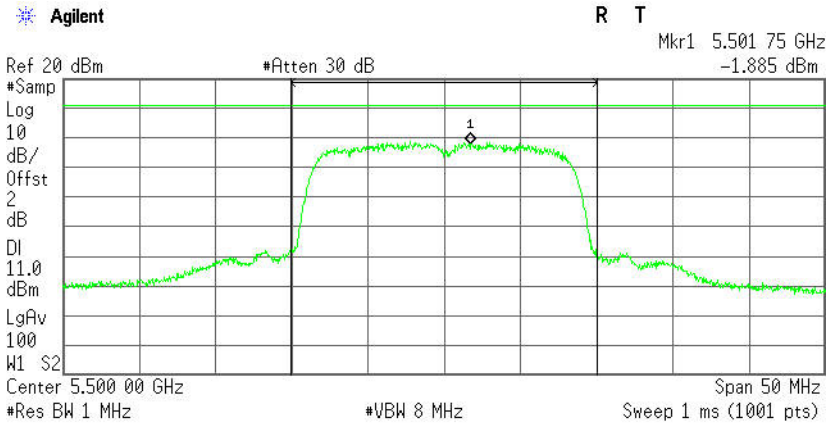
**Power Spectral Density**

-62.18 dBm/Hz

**IEEE 802.11a mode / 5500 ~ 5700MHz**

**PPSD (CH Low)**

Antenna 0




**Channel Power**

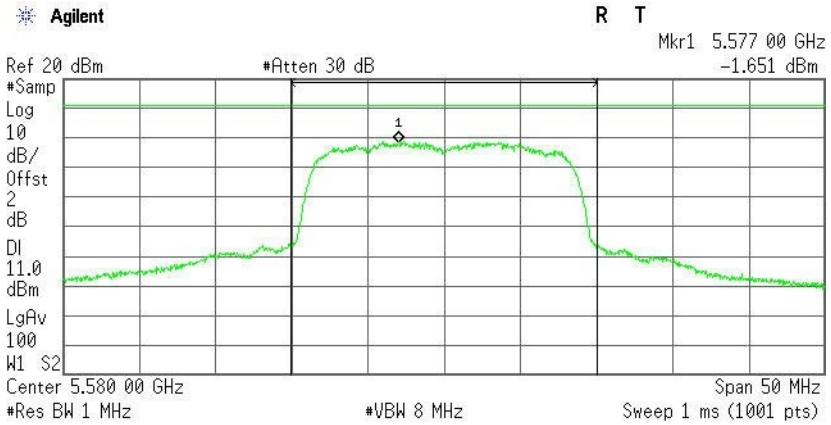
11.14 dBm /20.0000 MHz

**Power Spectral Density**

-61.87 dBm/Hz

**PPSD (CH Mid)**

Antenna 0




**Channel Power**

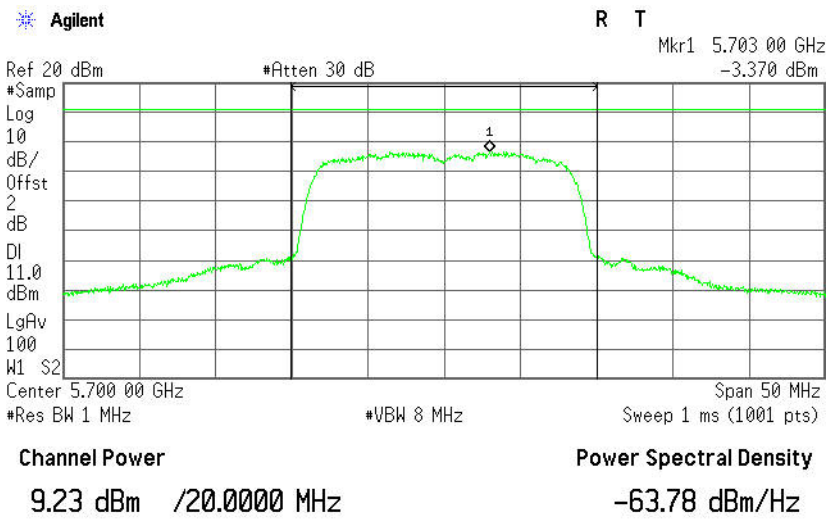
11.20 dBm /20.0000 MHz

**Power Spectral Density**

-61.81 dBm/Hz

**PPSD (CH High)**

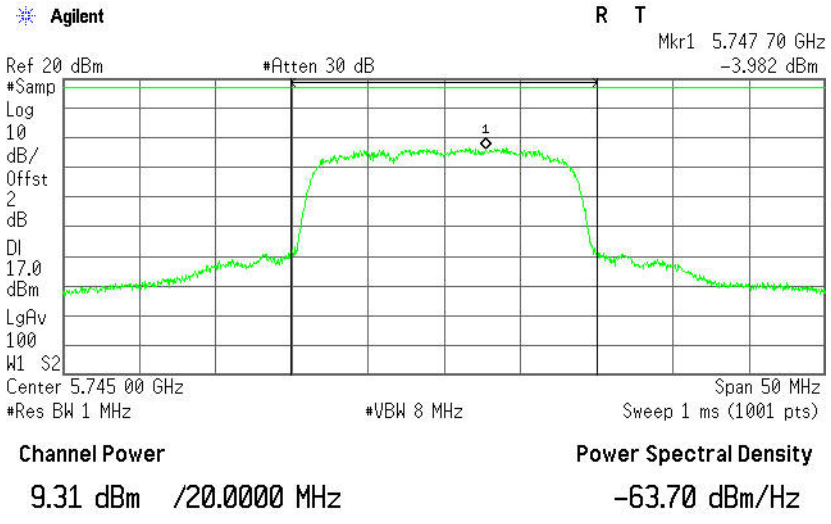
Antenna 0




**IEEE 802.11a mode / 5745 ~ 5805MHz**

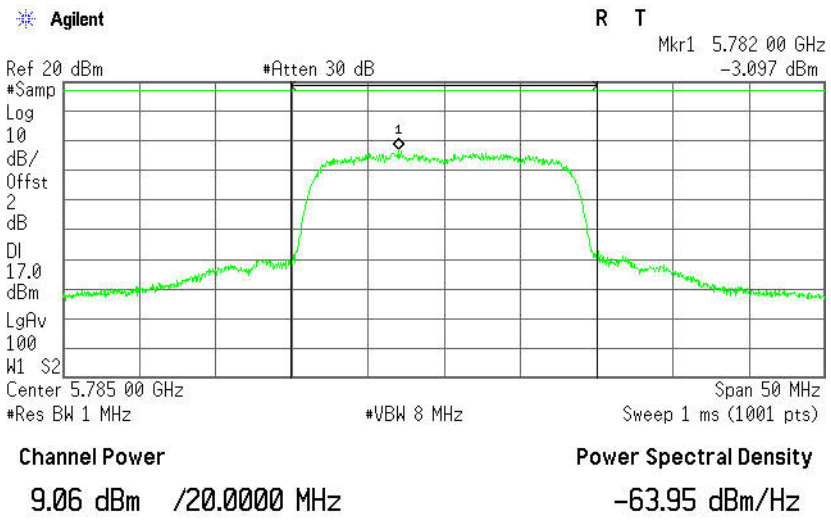
**PPSD (CH Low)**

Antenna 0



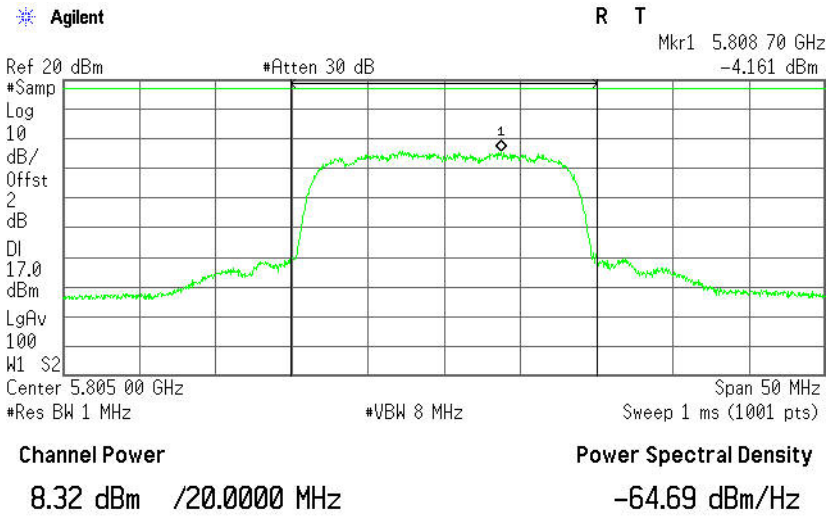
**PPSD (CH Mid)**

Antenna 0




**PPSD (CH High)**

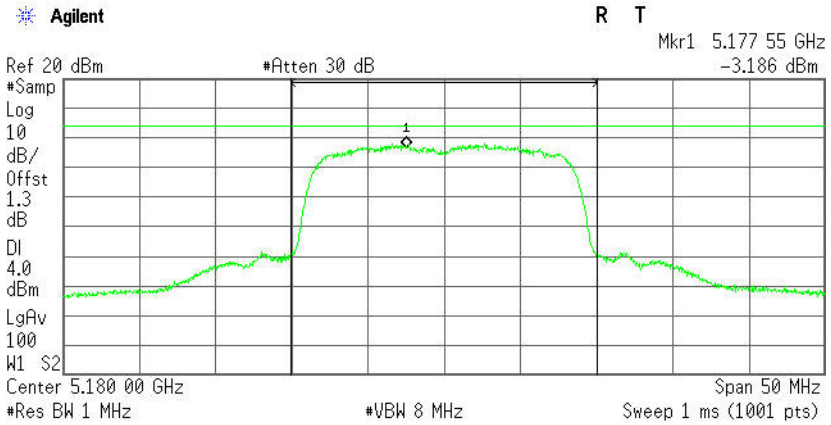
Antenna 0



**IEEE 802.11a mode / 5180 ~ 5240MHz**

**PPSD (CH Low)**

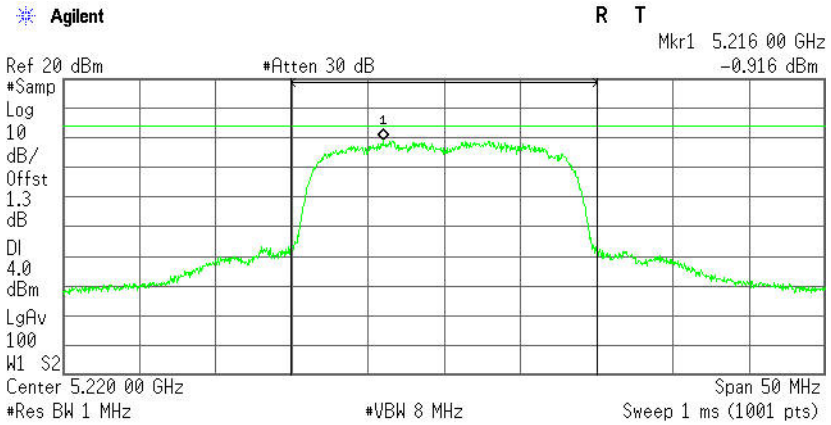
Antenna 1




| Channel Power | Power Spectral Density |
|---|---|
| 10.53 dBm /20.0000 MHz | -62.48 dBm/Hz |

**PPSD (CH Mid)**

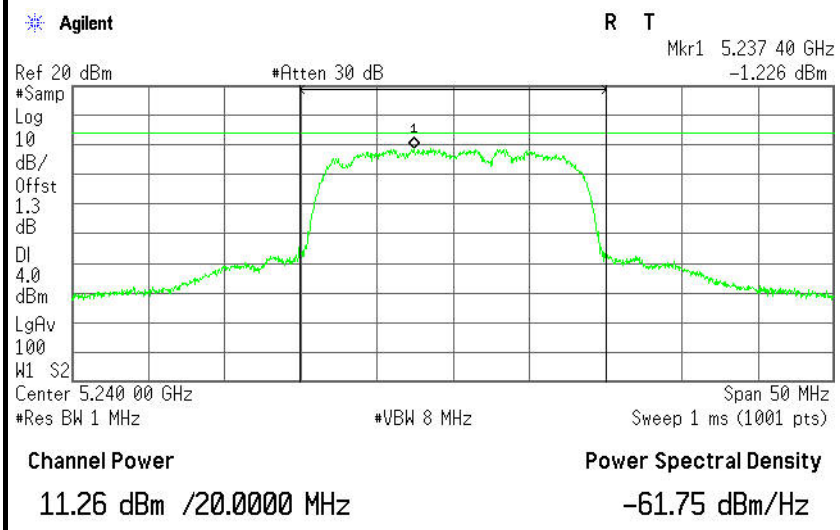
Antenna 1




| Channel Power | Power Spectral Density |
|---|---|
| 11.42 dBm /20.0000 MHz | -61.59 dBm/Hz |

**PPSD (CH High)**

Antenna 1




**Channel Power**

11.26 dBm /20.0000 MHz

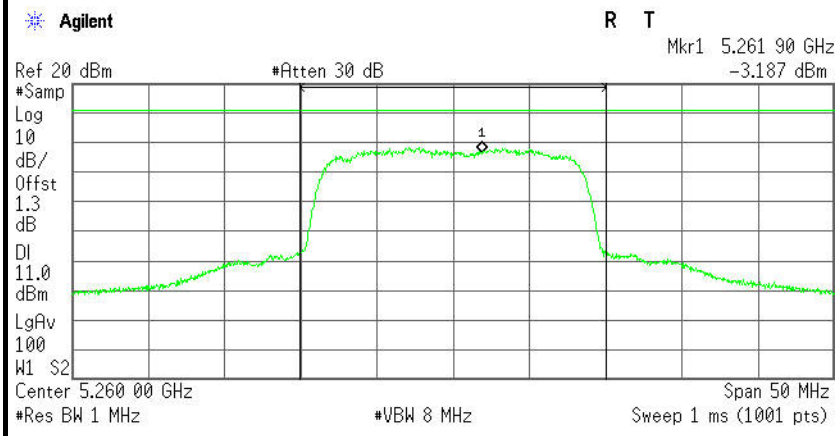
**Power Spectral Density**

-61.75 dBm/Hz

**IEEE 802.11a mode / 5260 ~ 5320MHz**

**PPSD (CH Low)**

Antenna 1




**Channel Power**

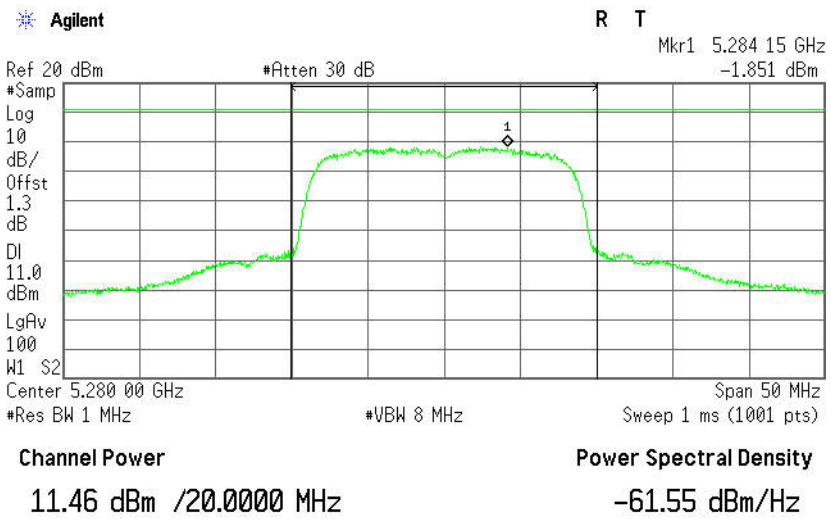
10.95 dBm /20.0000 MHz

**Power Spectral Density**

-62.06 dBm/Hz

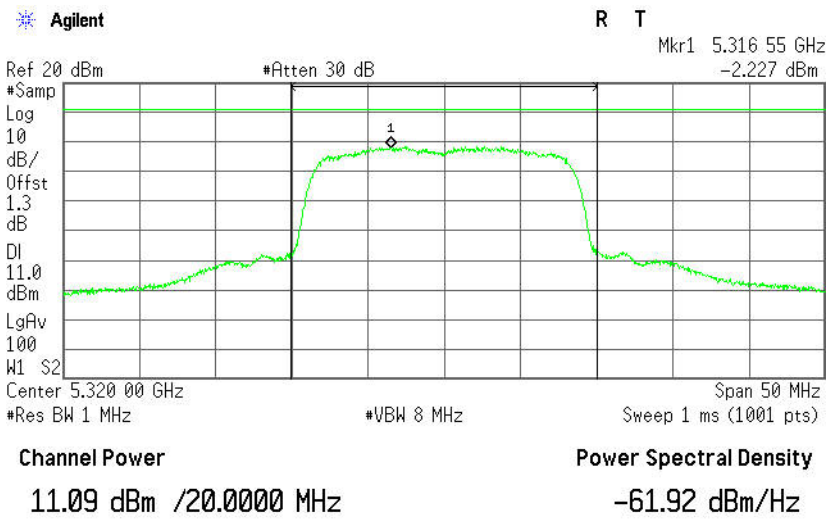
**PPSD (CH Mid)**

Antenna 1




**PPSD (CH High)**

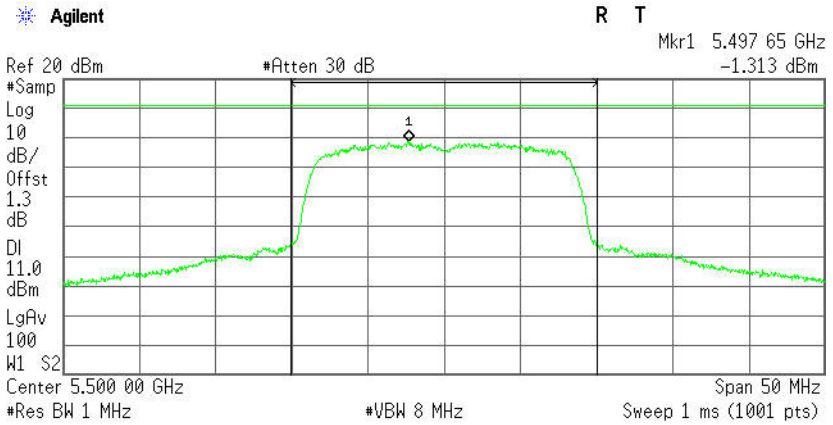
Antenna 1



**IEEE 802.11a mode / 5500 ~ 5700MHz**

**PPSD (CH Low)**

Antenna 1




**Channel Power**

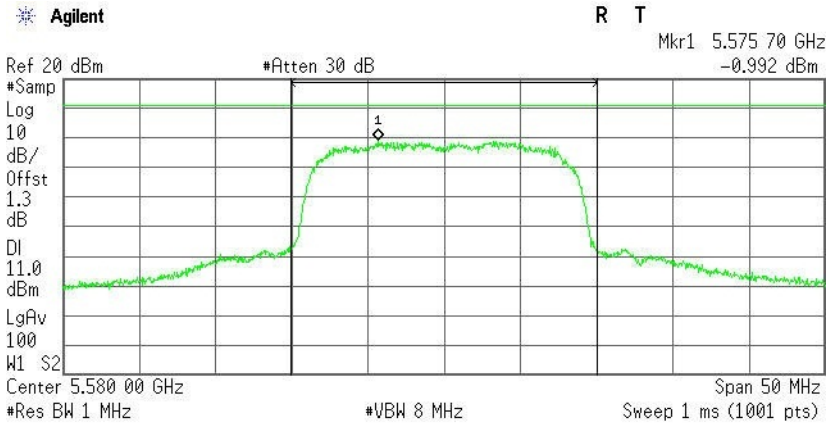
11.55 dBm /20.0000 MHz

**Power Spectral Density**

-61.46 dBm/Hz

**PPSD (CH Mid)**

Antenna 1




**Channel Power**

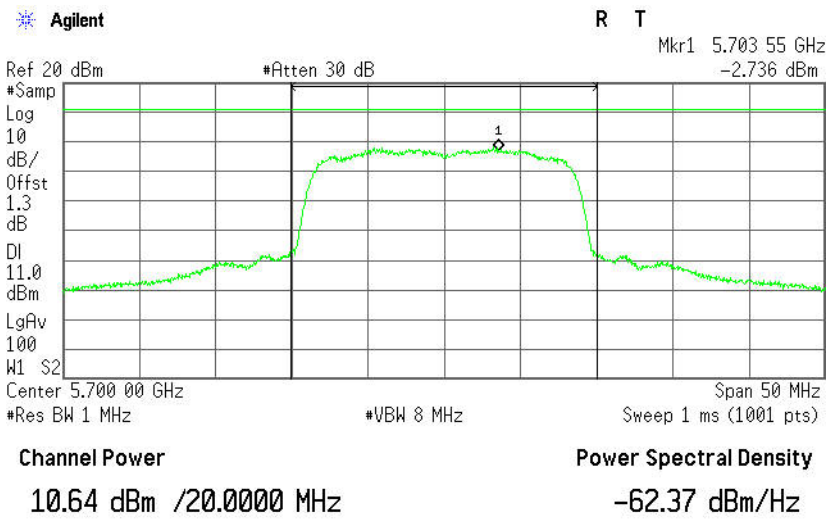
11.61 dBm /20.0000 MHz

**Power Spectral Density**

-61.40 dBm/Hz

**PPSD (CH High)**

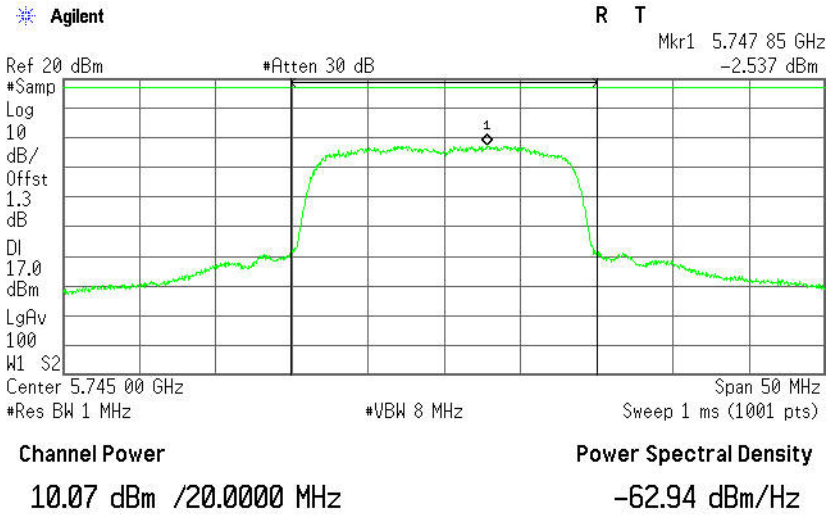
Antenna 1




**IEEE 802.11a mode / 5745 ~ 5805MHz**

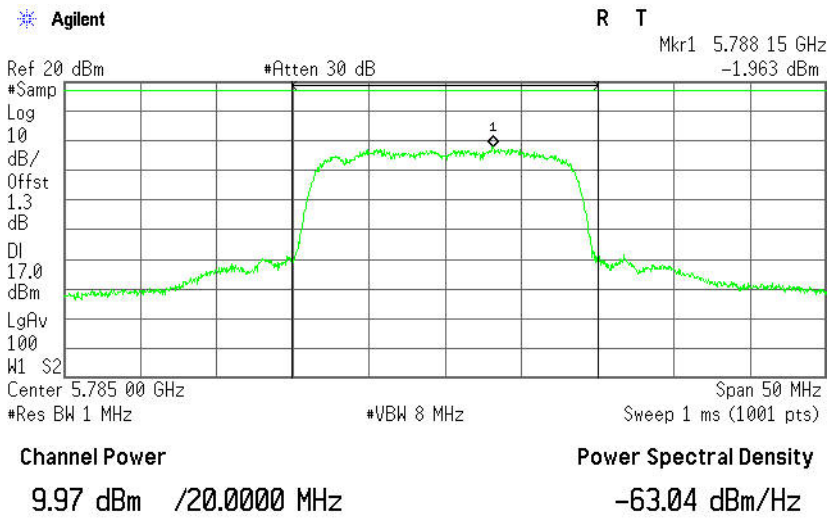
**PPSD (CH Low)**

Antenna 1



**PPSD (CH Mid)**

Antenna 1




**Channel Power**

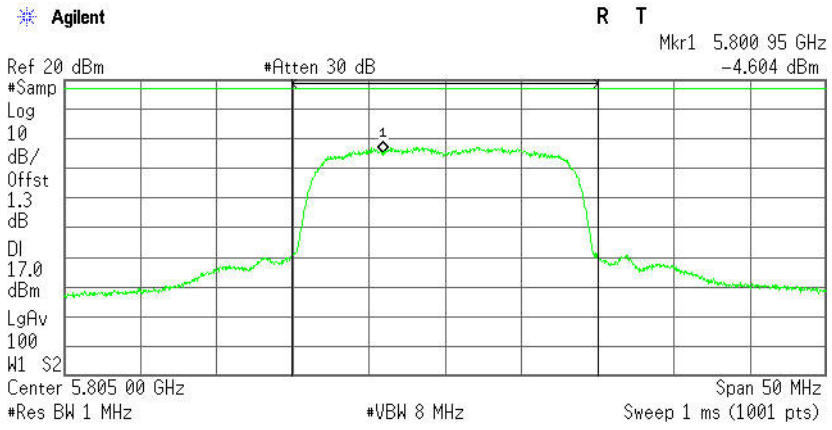
9.97 dBm /20.0000 MHz

**Power Spectral Density**

-63.04 dBm/Hz

**PPSD (CH High)**

Antenna 1




**Channel Power**

10.02 dBm /20.0000 MHz

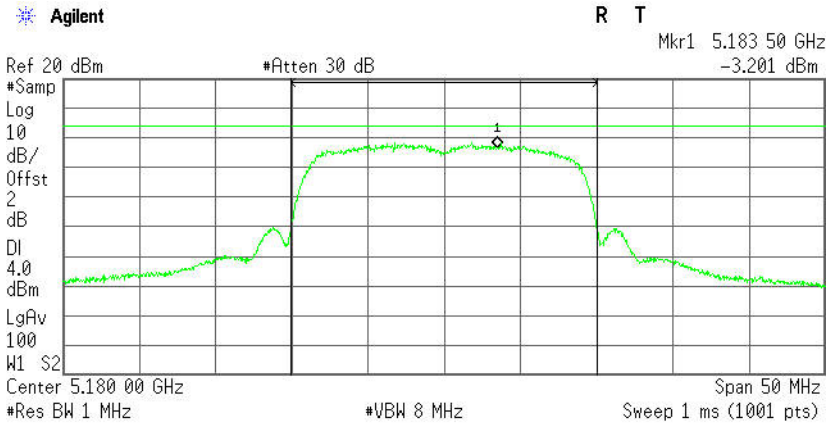
**Power Spectral Density**

-62.99 dBm/Hz

**IEEE 802.11n HT 20 MHz mode / 5180 ~ 5240MHz**

**PPSD (CH Low)**

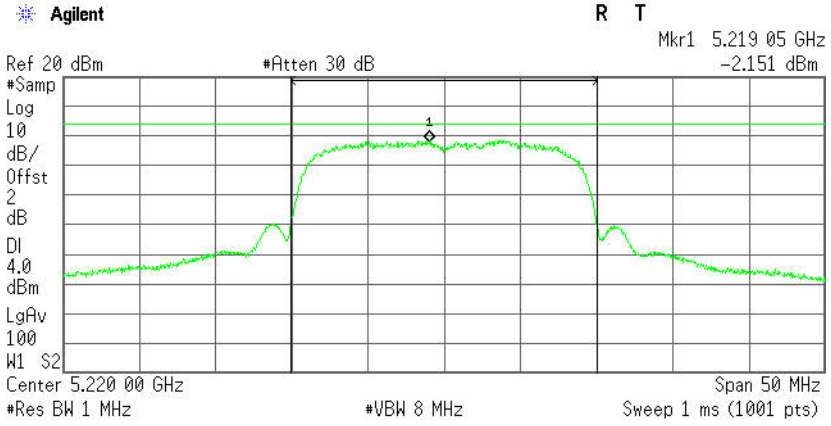
Antenna 0




| Channel Power | Power Spectral Density |
|---|---|
| 11.38 dBm /20.0000 MHz | -61.63 dBm/Hz |

**PPSD (CH Mid)**

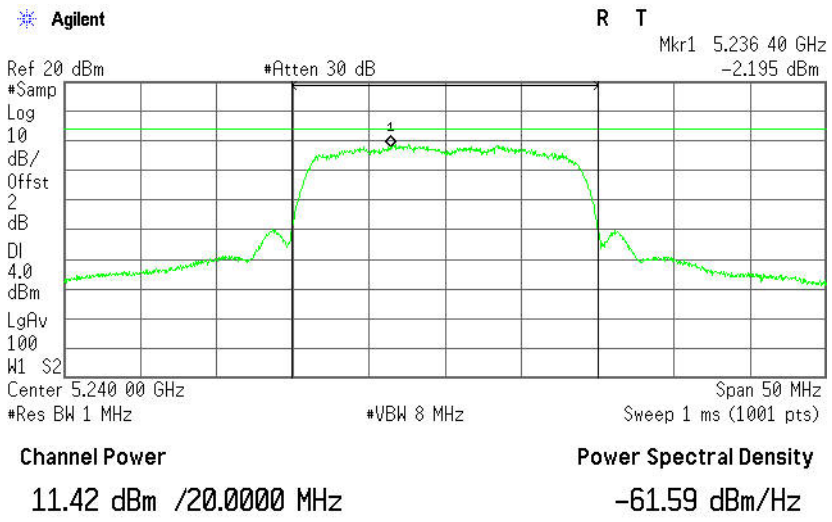
Antenna 0




| Channel Power | Power Spectral Density |
|---|---|
| 12.19 dBm /20.0000 MHz | -60.82 dBm/Hz |

**PPSD (CH High)**

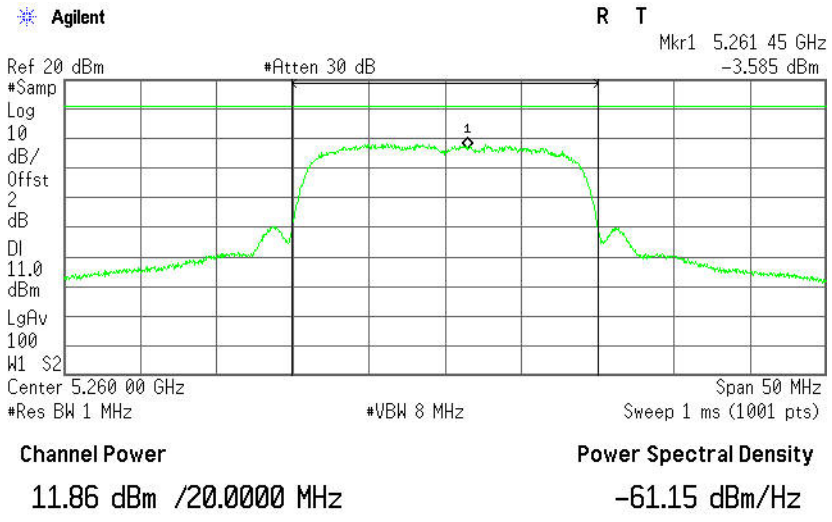
Antenna 0




**IEEE 802.11n HT 20 MHz mode / 5260 ~ 5320MHz**

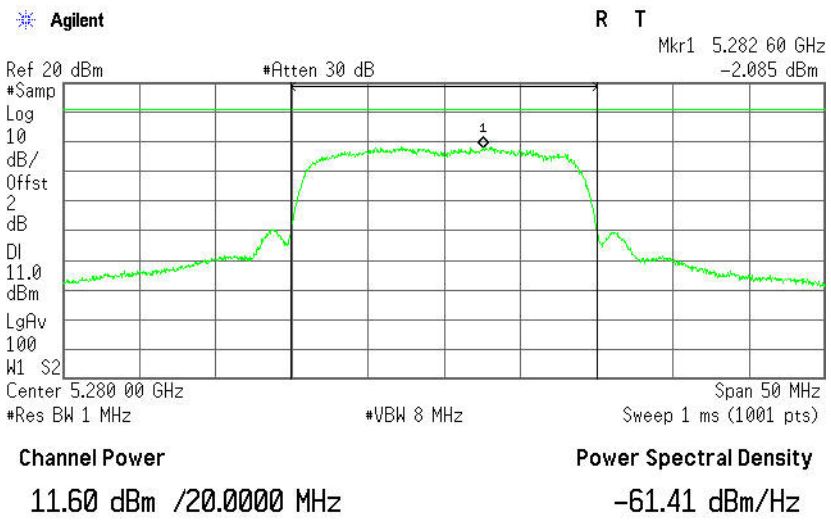
**PPSD (CH Low)**

Antenna 0



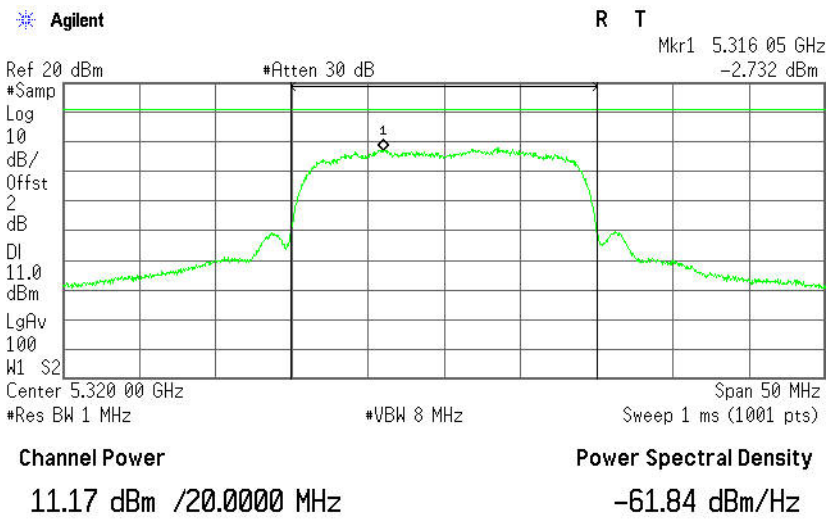
**PPSD (CH Mid)**

Antenna 0




**PPSD (CH High)**

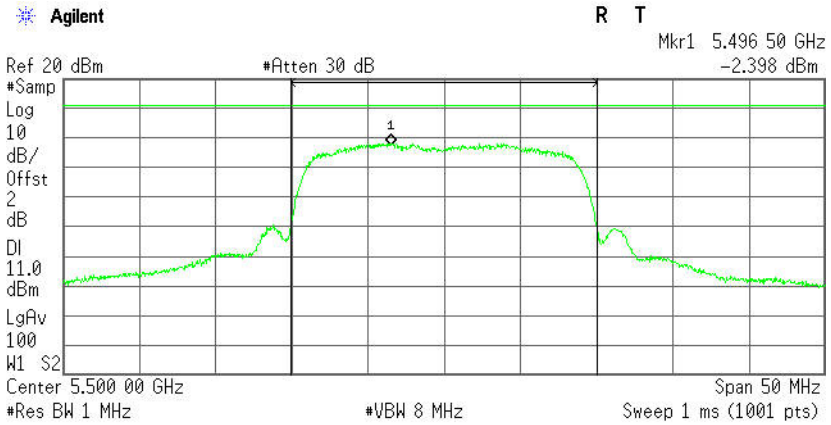
Antenna 0



**IEEE 802.11n HT 20 MHz mode / 5500 ~ 5700MHz**

**PPSD (CH Low)**

Antenna 0




**Channel Power**

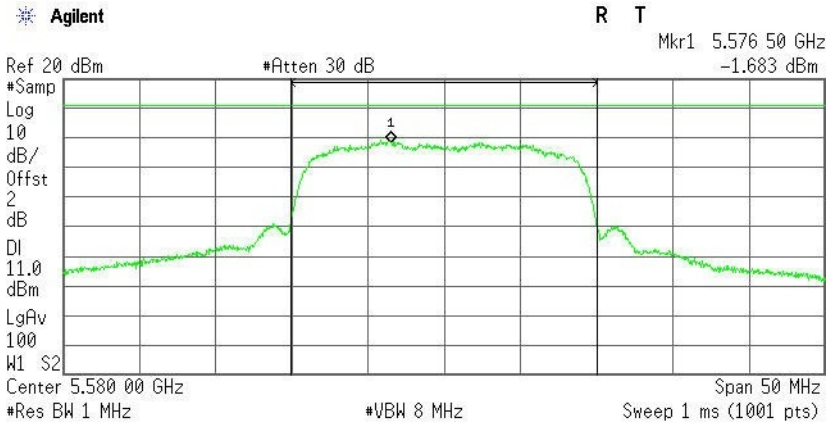
11.98 dBm /20.0000 MHz

**Power Spectral Density**

-61.03 dBm/Hz

**PPSD (CH Mid)**

Antenna 0




**Channel Power**

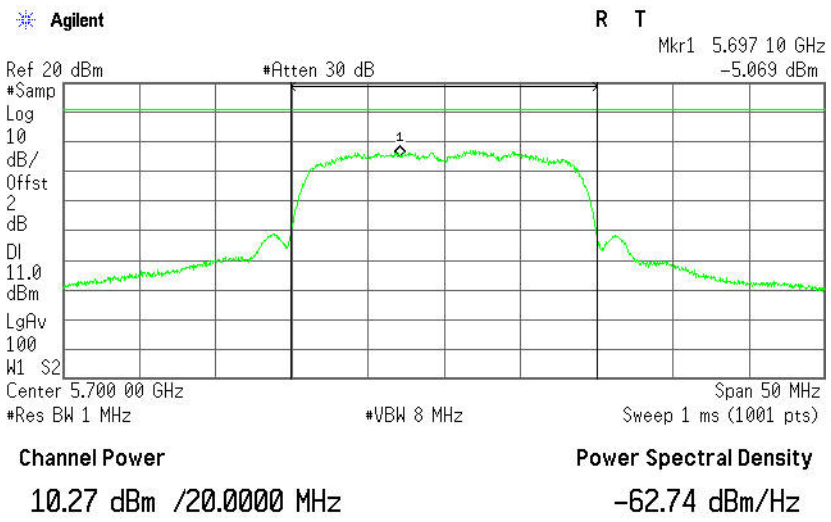
11.80 dBm /20.0000 MHz

**Power Spectral Density**

-61.21 dBm/Hz

**PPSD (CH High)**

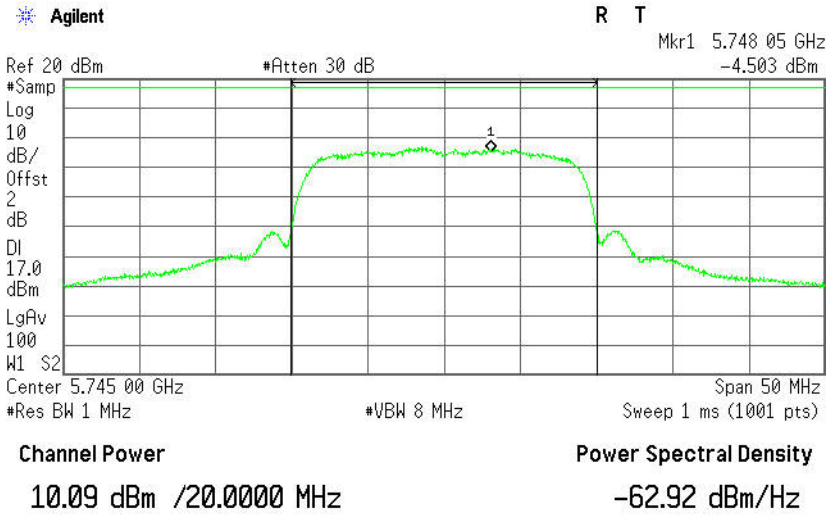
Antenna 0




**IEEE 802.11n HT 20 MHz mode / 5745 ~ 5805MHz**

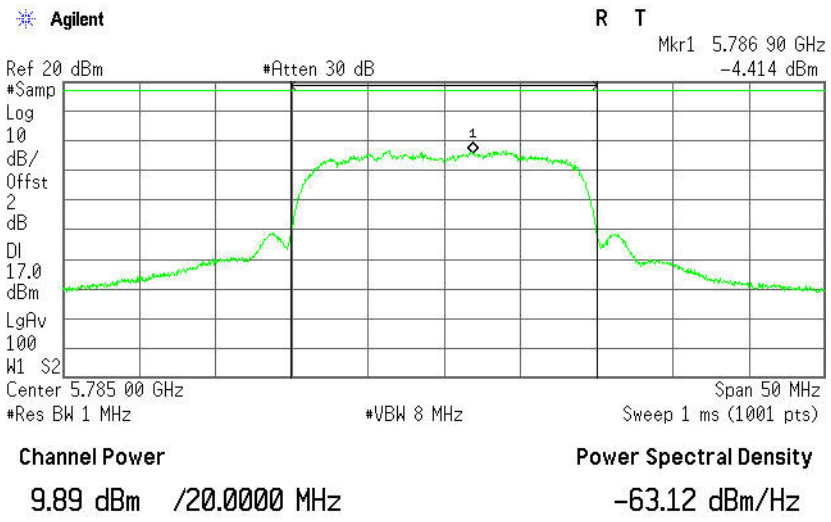
**PPSD (CH Low)**

Antenna 0



**PPSD (CH Mid)**

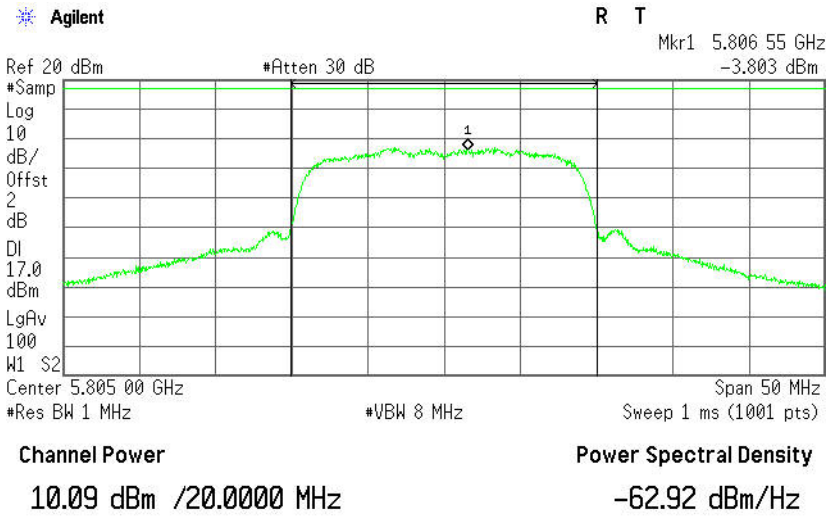
Antenna 0




| Channel Power | Power Spectral Density |
|---|---|
| 9.89 dBm /20.0000 MHz | -63.12 dBm/Hz |

**PPSD (CH High)**

Antenna 0

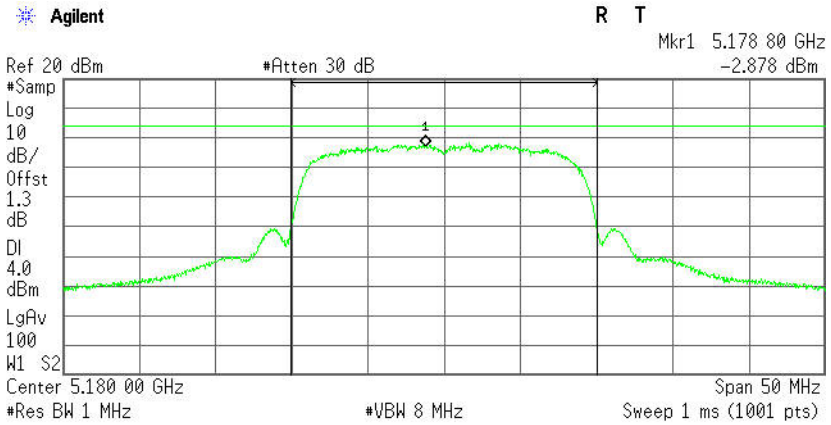



| Channel Power | Power Spectral Density |
|---|---|
| 10.09 dBm /20.0000 MHz | -62.92 dBm/Hz |

**IEEE 802.11n HT 20 MHz mode / 5180 ~ 5240MHz**

**PPSD (CH Low)**

Antenna 1




**Channel Power**

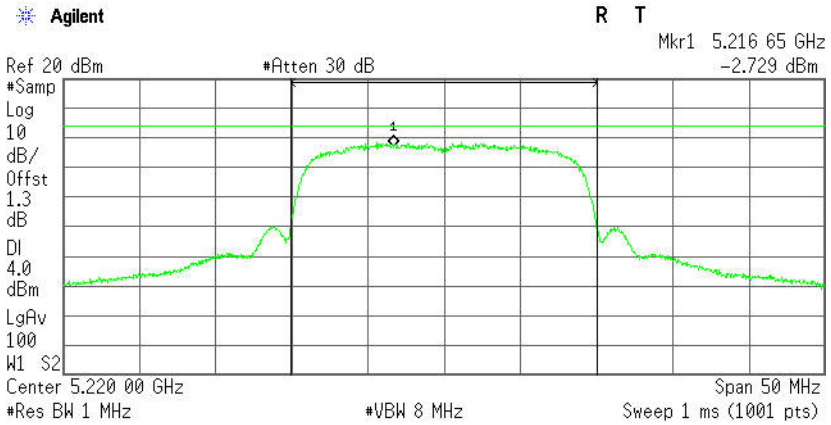
11.53 dBm /20.0000 MHz

**Power Spectral Density**

-61.48 dBm/Hz

**PPSD (CH Mid)**

Antenna 1




**Channel Power**

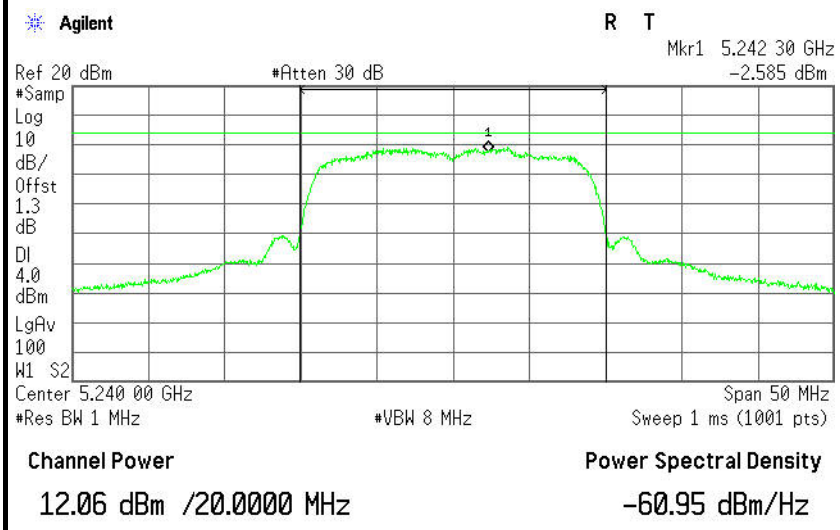
11.92 dBm /20.0000 MHz

**Power Spectral Density**

-61.09 dBm/Hz

**PPSD (CH High)**

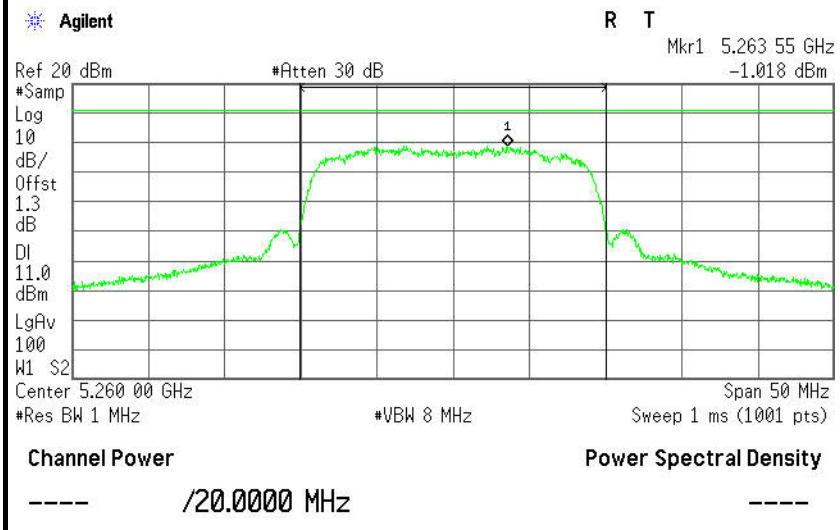
Antenna 1




**IEEE 802.11n HT 20 MHz mode / 5260 ~ 5320MHz**

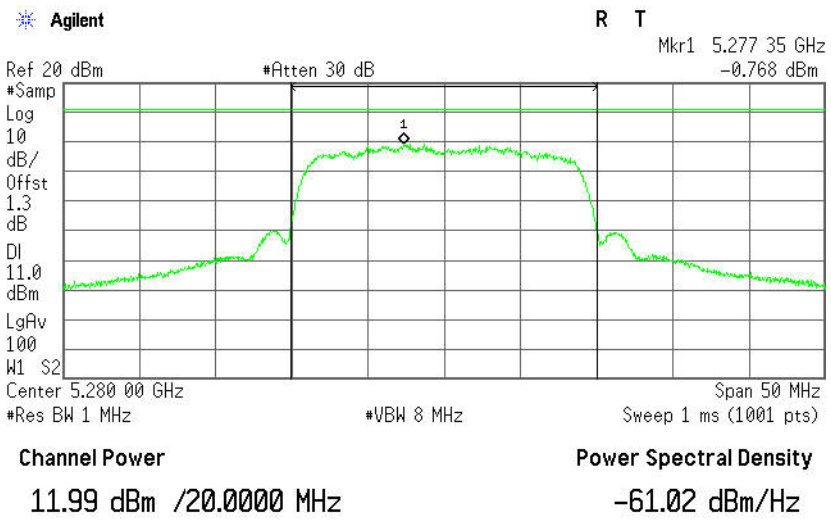
**PPSD (CH Low)**

Antenna 1



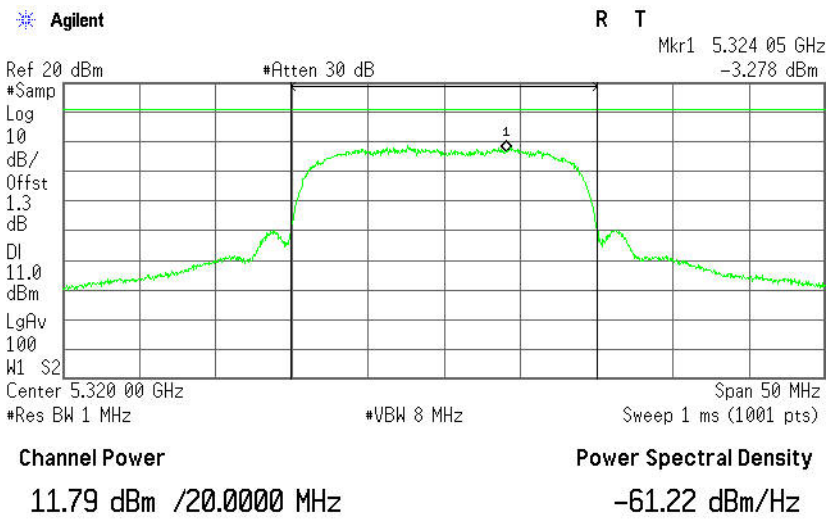
**PPSD (CH Mid)**

Antenna 1




**PPSD (CH High)**

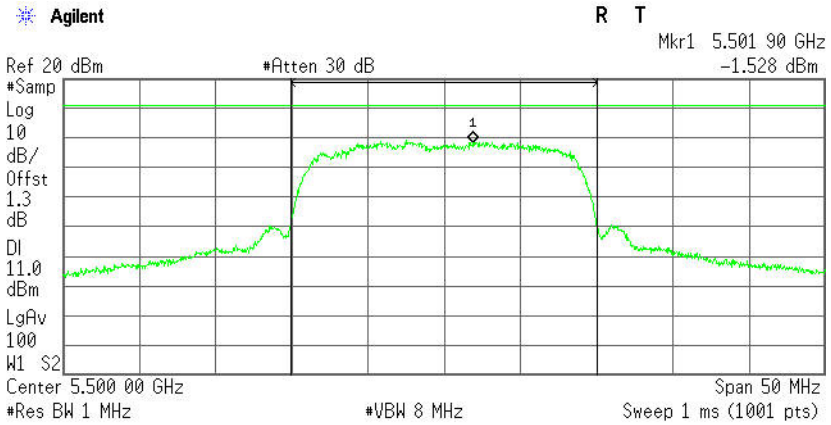
Antenna 1



**IEEE 802.11n HT 20 MHz mode / 5500 ~ 5700MHz**

**PPSD (CH Low)**

Antenna 1




**Channel Power**

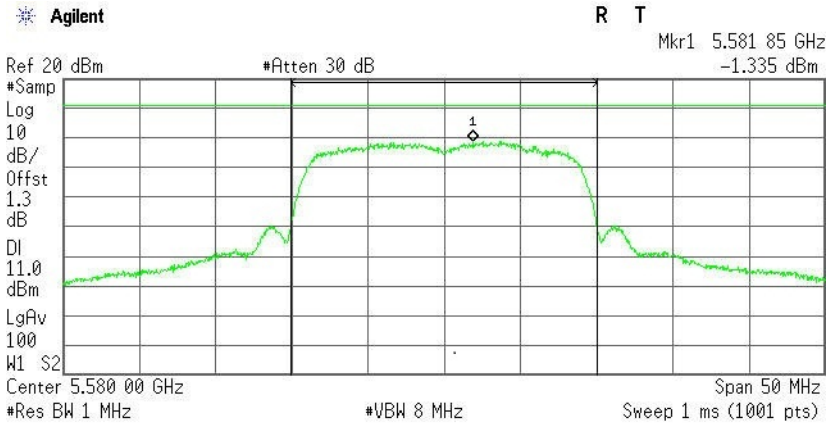
12.13 dBm /20.0000 MHz

**Power Spectral Density**

-60.88 dBm/Hz

**PPSD (CH Mid)**

Antenna 1




**Channel Power**

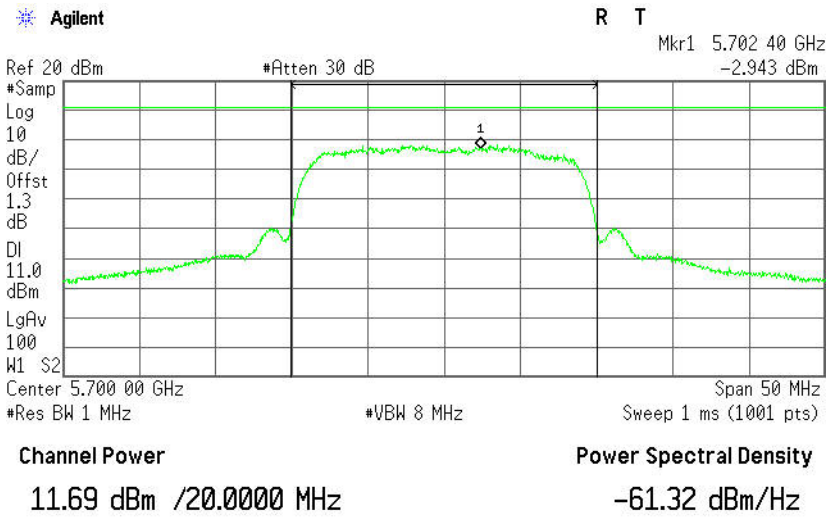
12.34 dBm /20.0000 MHz

**Power Spectral Density**

-60.67 dBm/Hz

**PPSD (CH High)**

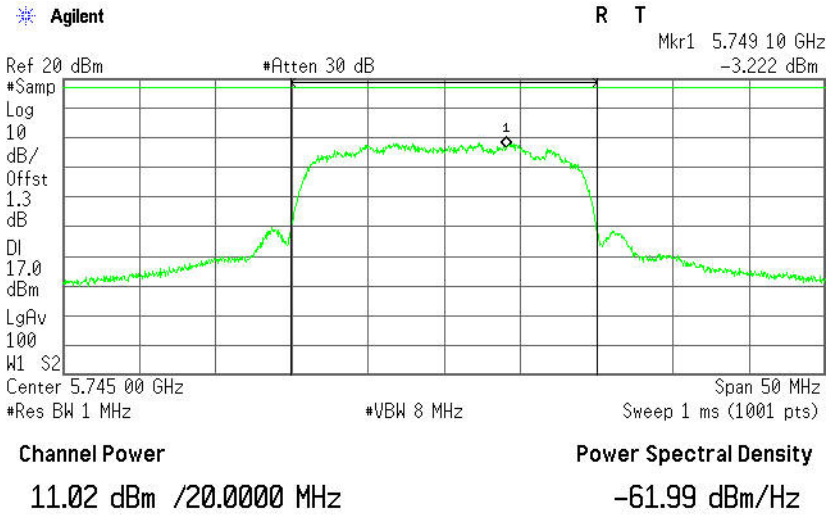
Antenna 1




**IEEE 802.11n HT 20 MHz mode / 5745 ~ 5805MHz**

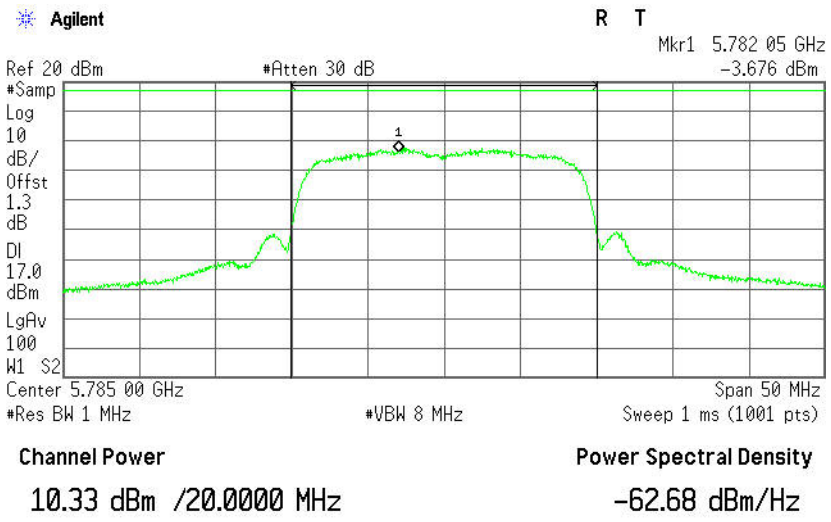
**PPSD (CH Low)**

Antenna 1



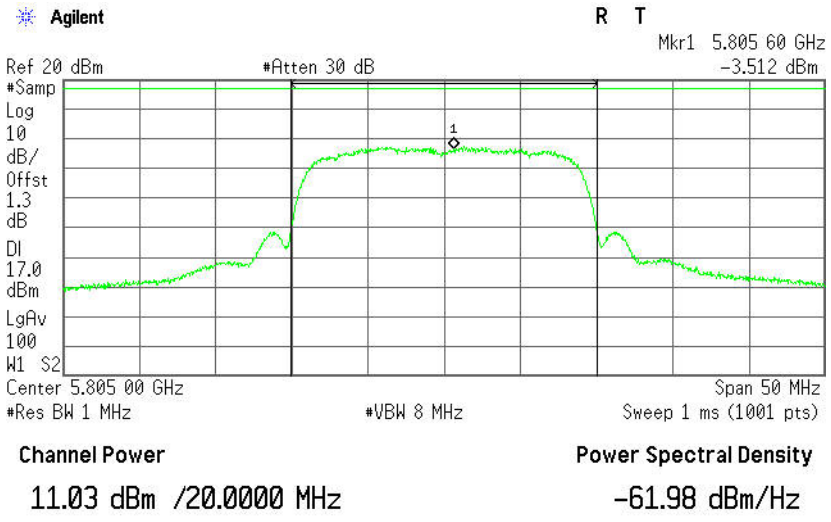
**PPSD (CH Mid)**

Antenna 1




**PPSD (CH High)**

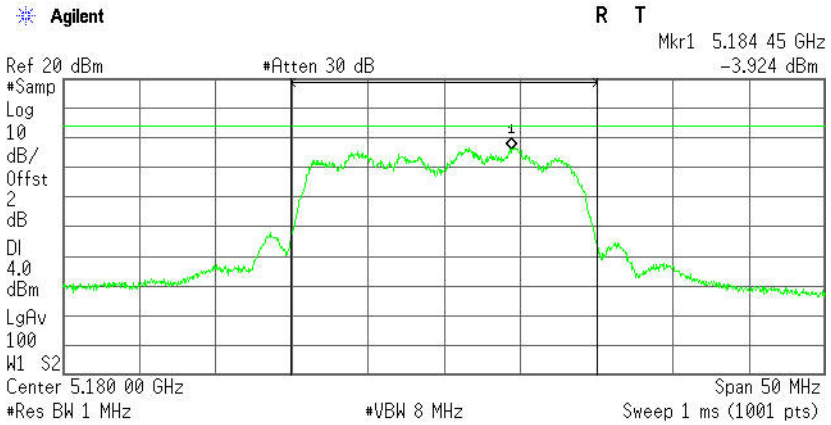
Antenna 1



**IEEE 802.11n HT 20 MHz SISO mode / 5180 ~ 5240MHz**

**PPSD (CH Low)**

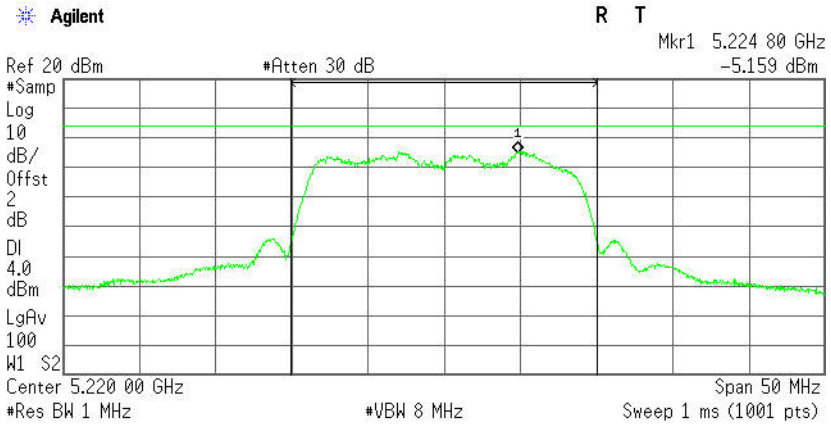
Antenna 0




| Channel Power | Power Spectral Density |
|---|---|
| 10.04 dBm /20.0000 MHz | -62.97 dBm/Hz |

**PPSD (CH Mid)**

Antenna 0




| Channel Power | Power Spectral Density |
|---|---|
| 10.06 dBm /20.0000 MHz | -62.95 dBm/Hz |