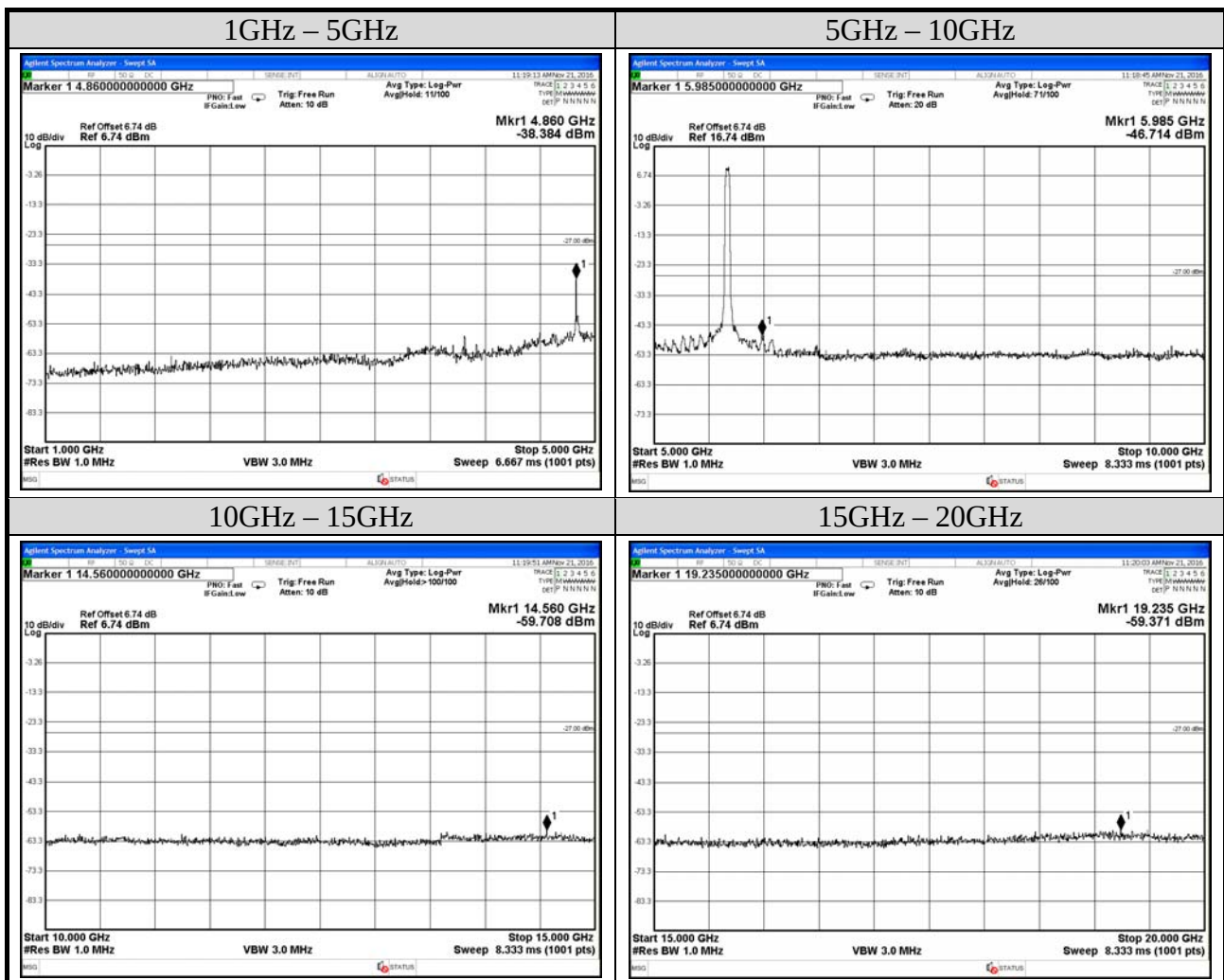


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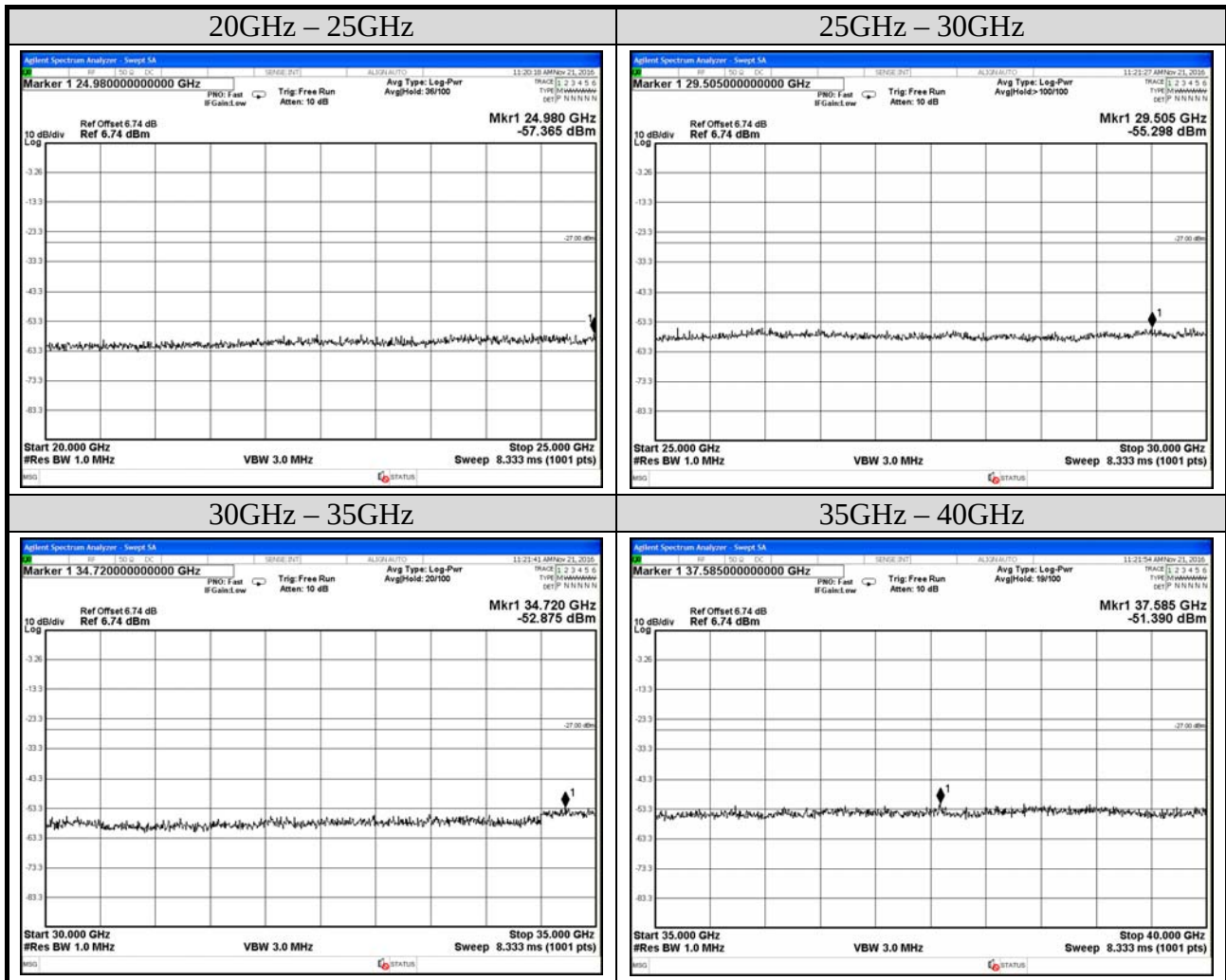
|                                                                |              |              |               |
|----------------------------------------------------------------|--------------|--------------|---------------|
| Test Date                                                      | 2016/11/21   | Temp./Hum.   | 25℃/55%       |
| Mode                                                           | 802.11n-HT40 | UNII Band    | II-2C         |
|                                                                |              | Frequency    | TX 5670MHz    |
|                                                                |              | Test Voltage | AC 120V, 60HZ |
| Simultaneous Factor 10 log(n)<br>(Note: “n” is antenna number) |              | 3            |               |



Note: The results have been included cable loss and antenna gain.

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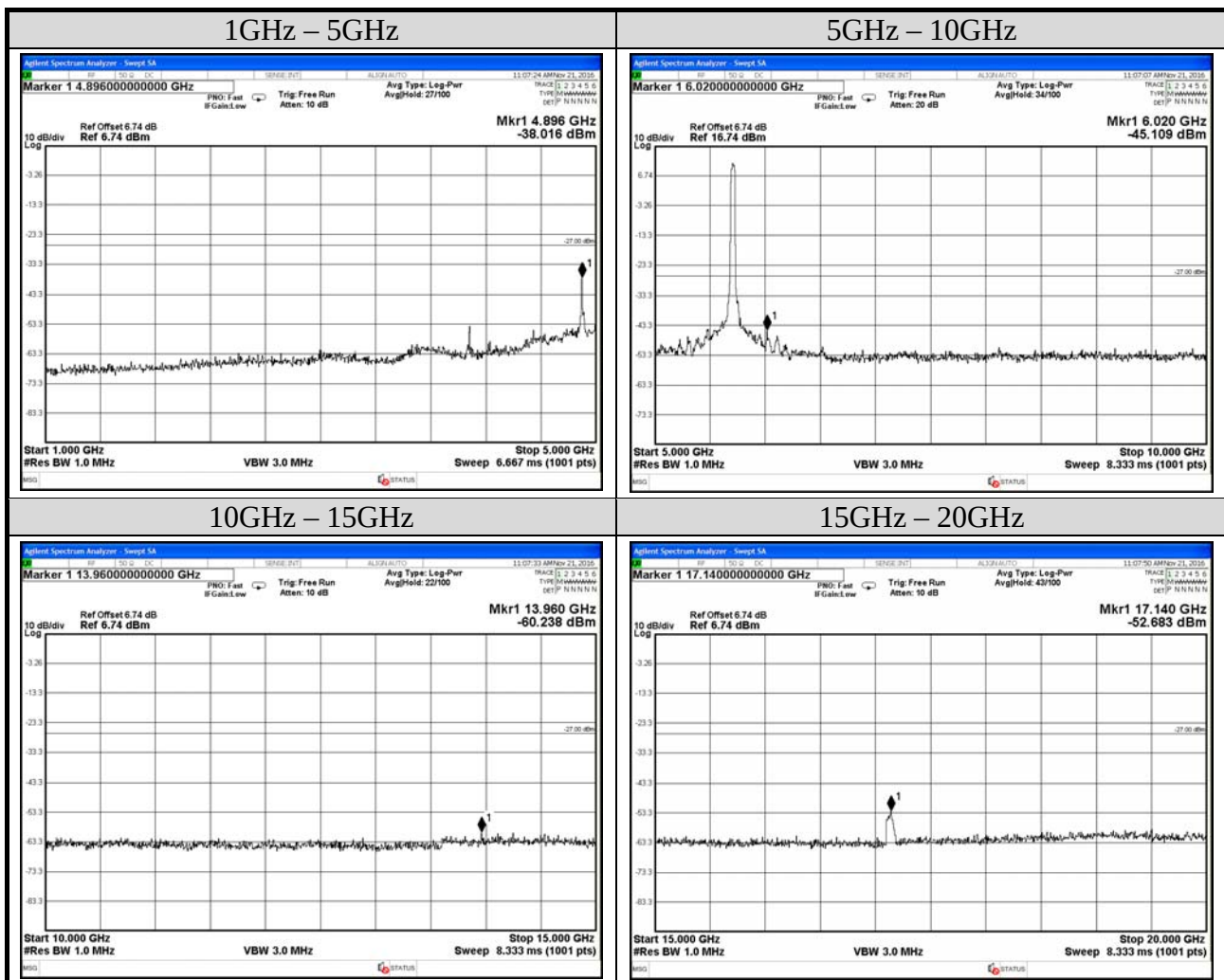


Note: The results have been included cable loss and antenna gain.

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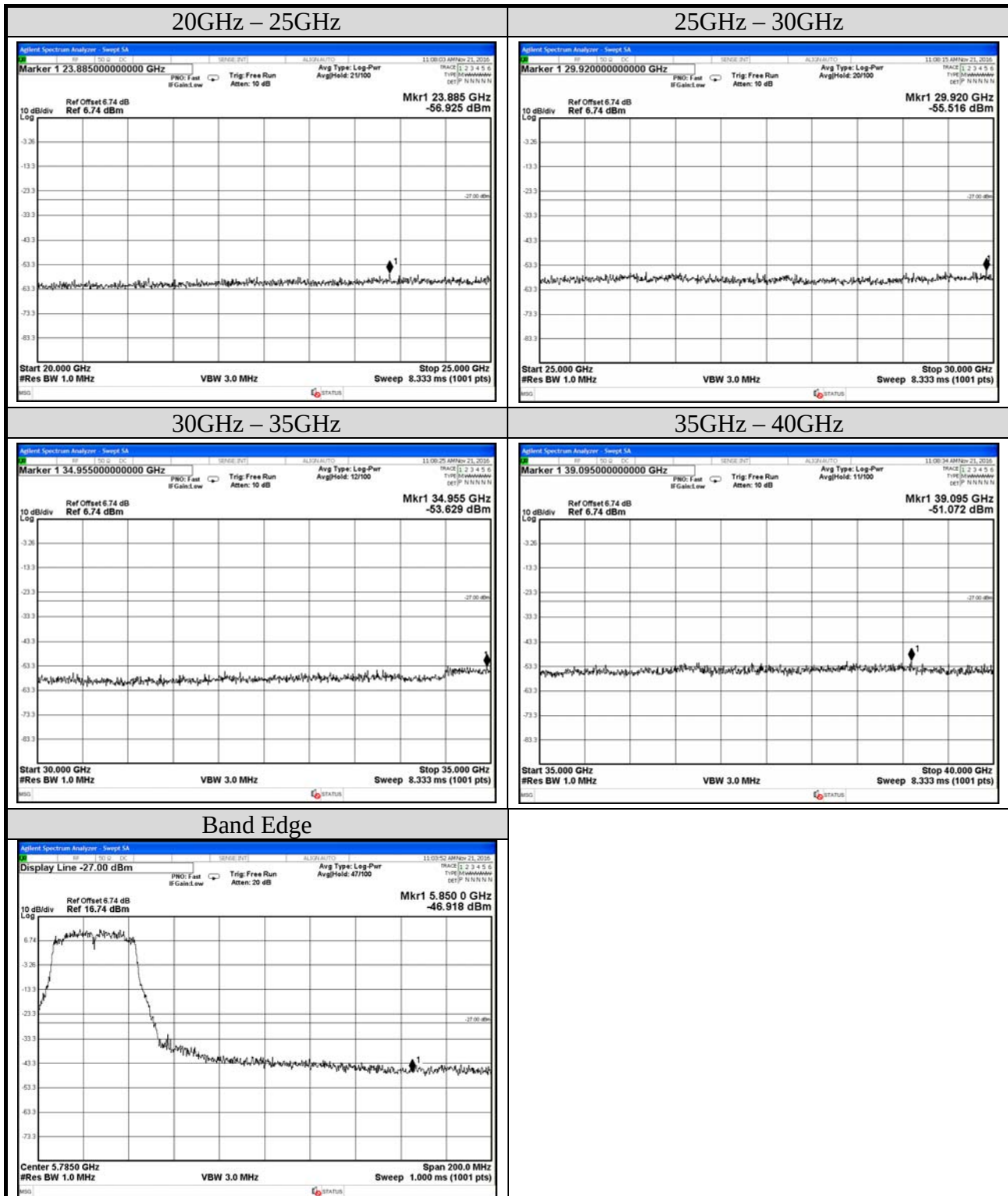
|                                                                |              |              |               |
|----------------------------------------------------------------|--------------|--------------|---------------|
| Test Date                                                      | 2016/11/21   | Temp./Hum.   | 25°C/55%      |
| Mode                                                           | 802.11n-HT40 | UNII Band    | II-2C         |
|                                                                |              | Frequency    | TX 5710MHz    |
|                                                                |              | Test Voltage | AC 120V, 60HZ |
| Simultaneous Factor 10 log(n)<br>(Note: “n” is antenna number) |              | 3            |               |



Note: The results have been included cable loss and antenna gain.

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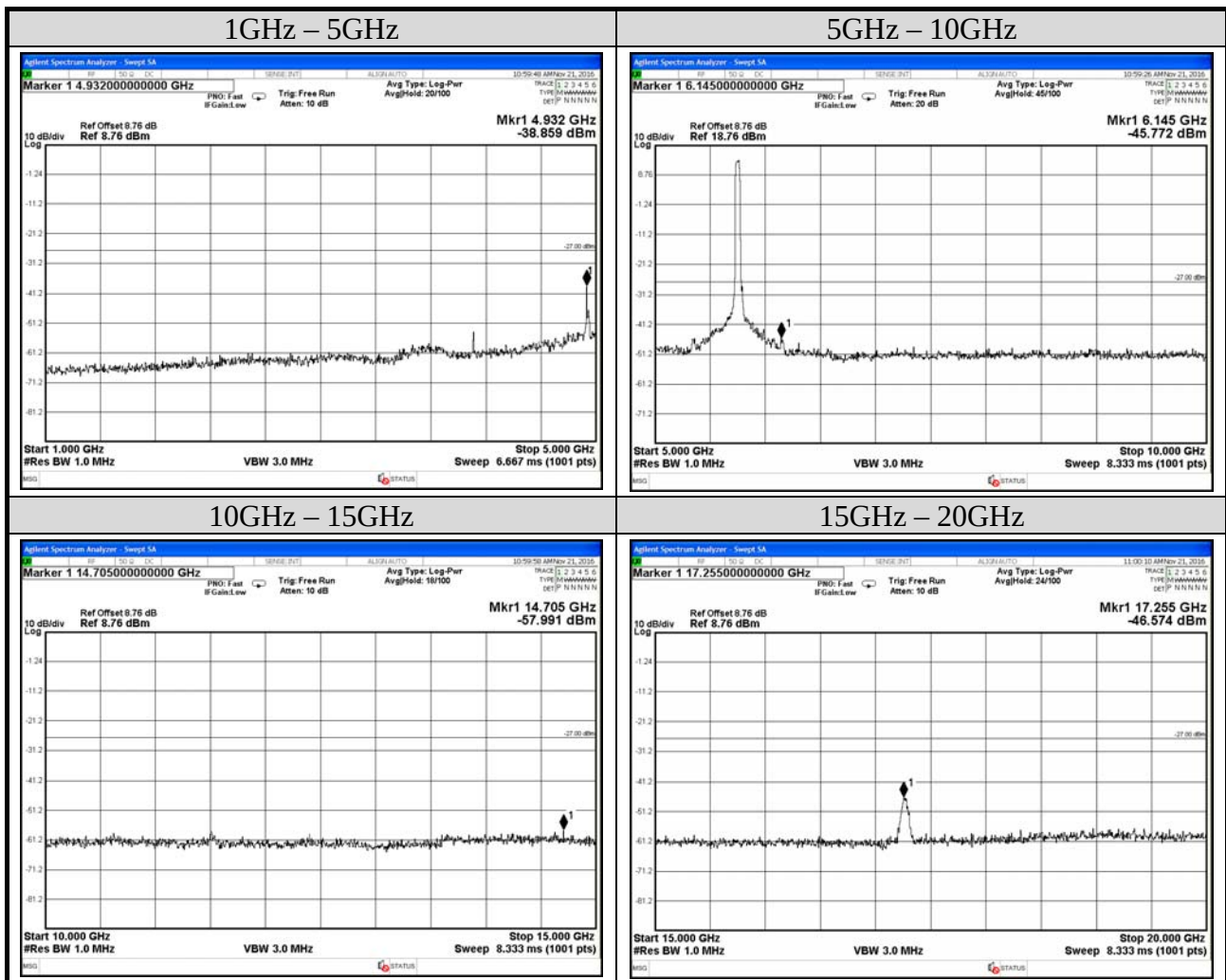


Note: The results have been included cable loss and antenna gain.

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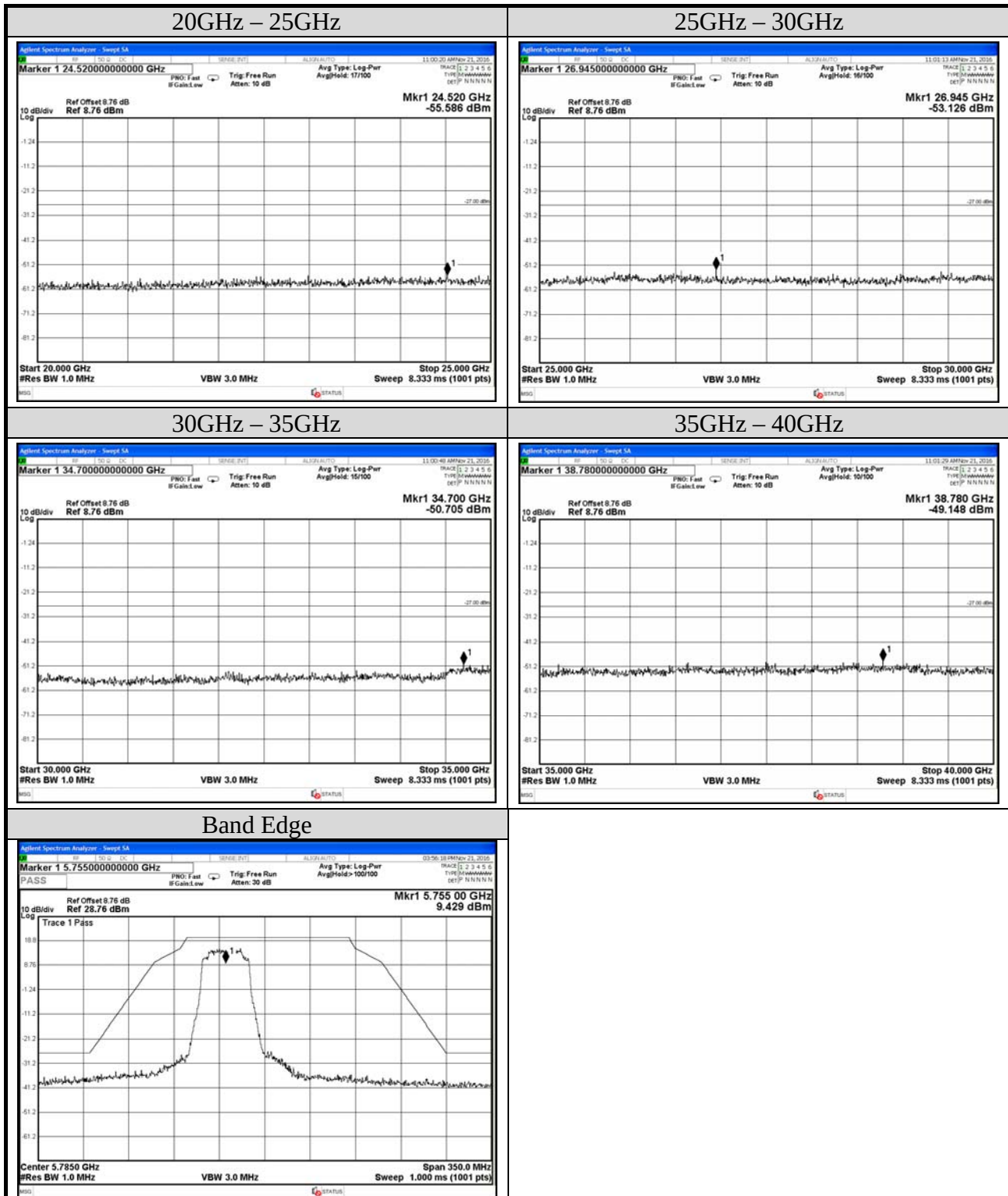
|                                                                |              |              |               |
|----------------------------------------------------------------|--------------|--------------|---------------|
| Test Date                                                      | 2016/11/21   | Temp./Hum.   | 25℃/55%       |
| Mode                                                           | 802.11n-HT40 | UNII Band    | III           |
|                                                                |              | Frequency    | TX 5755MHz    |
|                                                                |              | Test Voltage | AC 120V, 60HZ |
| Simultaneous Factor 10 log(n)<br>(Note: “n” is antenna number) |              | 3            |               |



Note: The results have been included cable loss and antenna gain.

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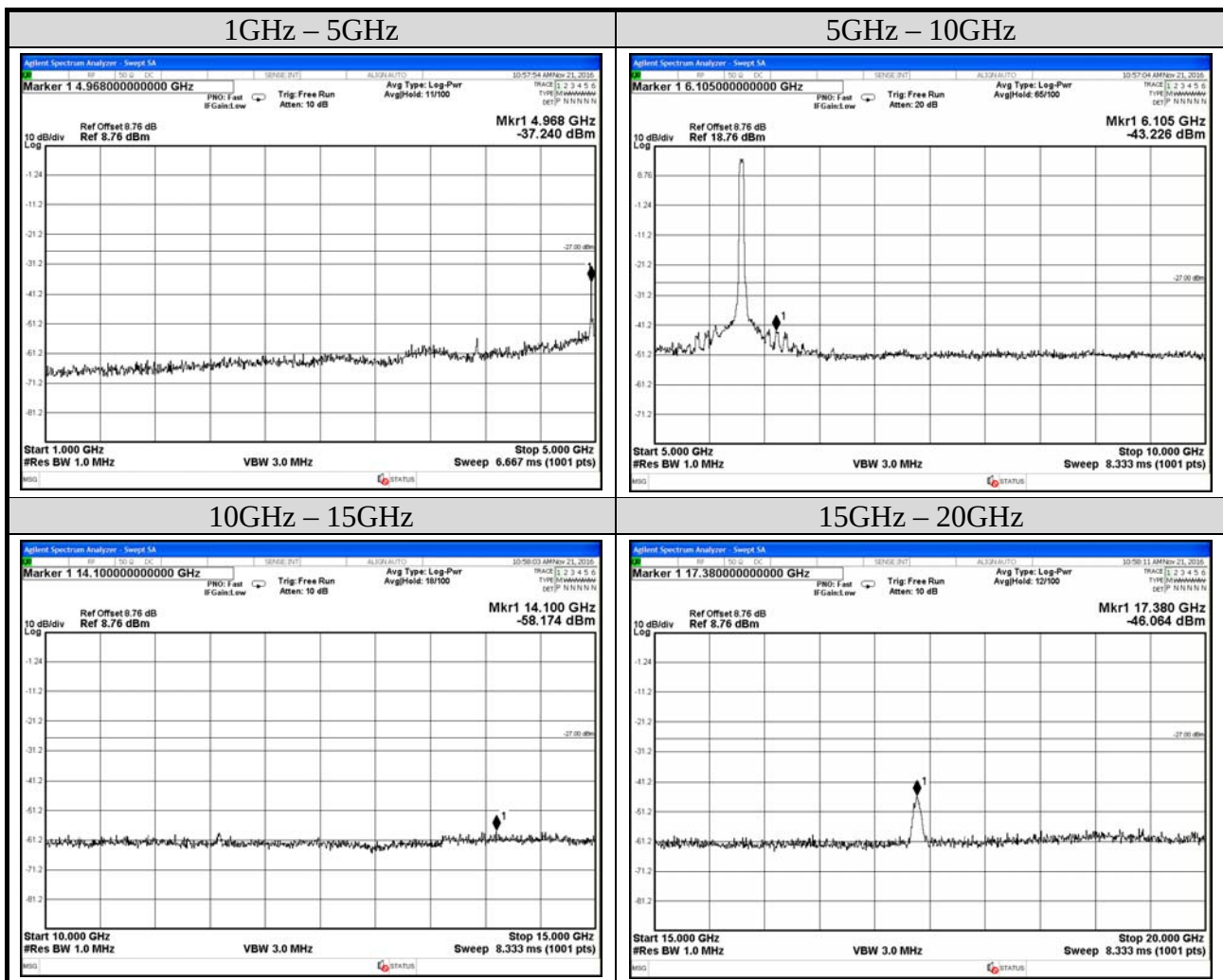


Note: The results have been included cable loss and antenna gain.

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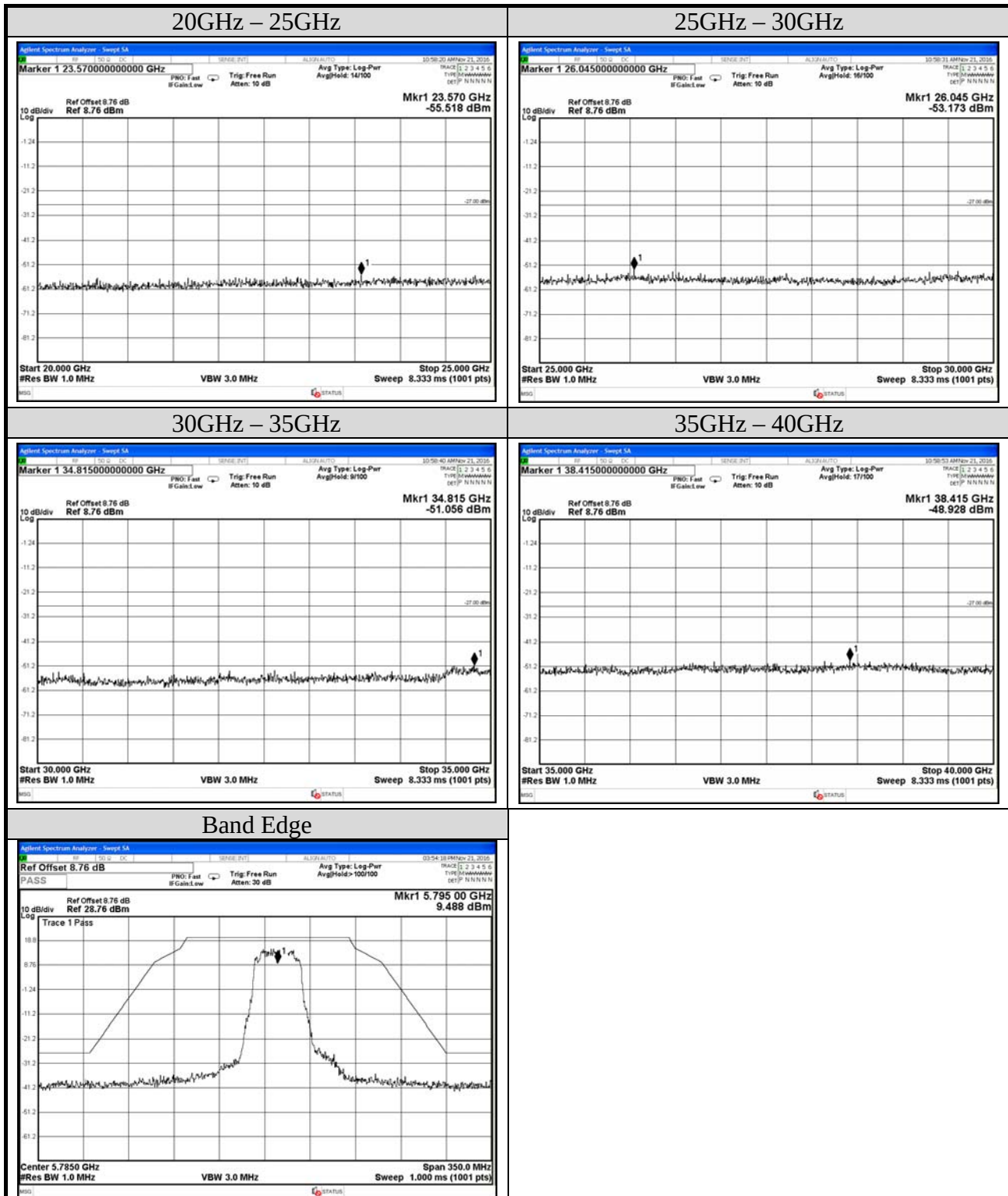
|                                                                |              |              |               |
|----------------------------------------------------------------|--------------|--------------|---------------|
| Test Date                                                      | 2016/11/21   | Temp./Hum.   | 25℃/55%       |
| Mode                                                           | 802.11n-HT40 | UNII Band    | III           |
|                                                                |              | Frequency    | TX 5795MHz    |
|                                                                |              | Test Voltage | AC 120V, 60HZ |
| Simultaneous Factor 10 log(n)<br>(Note: “n” is antenna number) |              | 3            |               |



Note: The results have been included cable loss and antenna gain.

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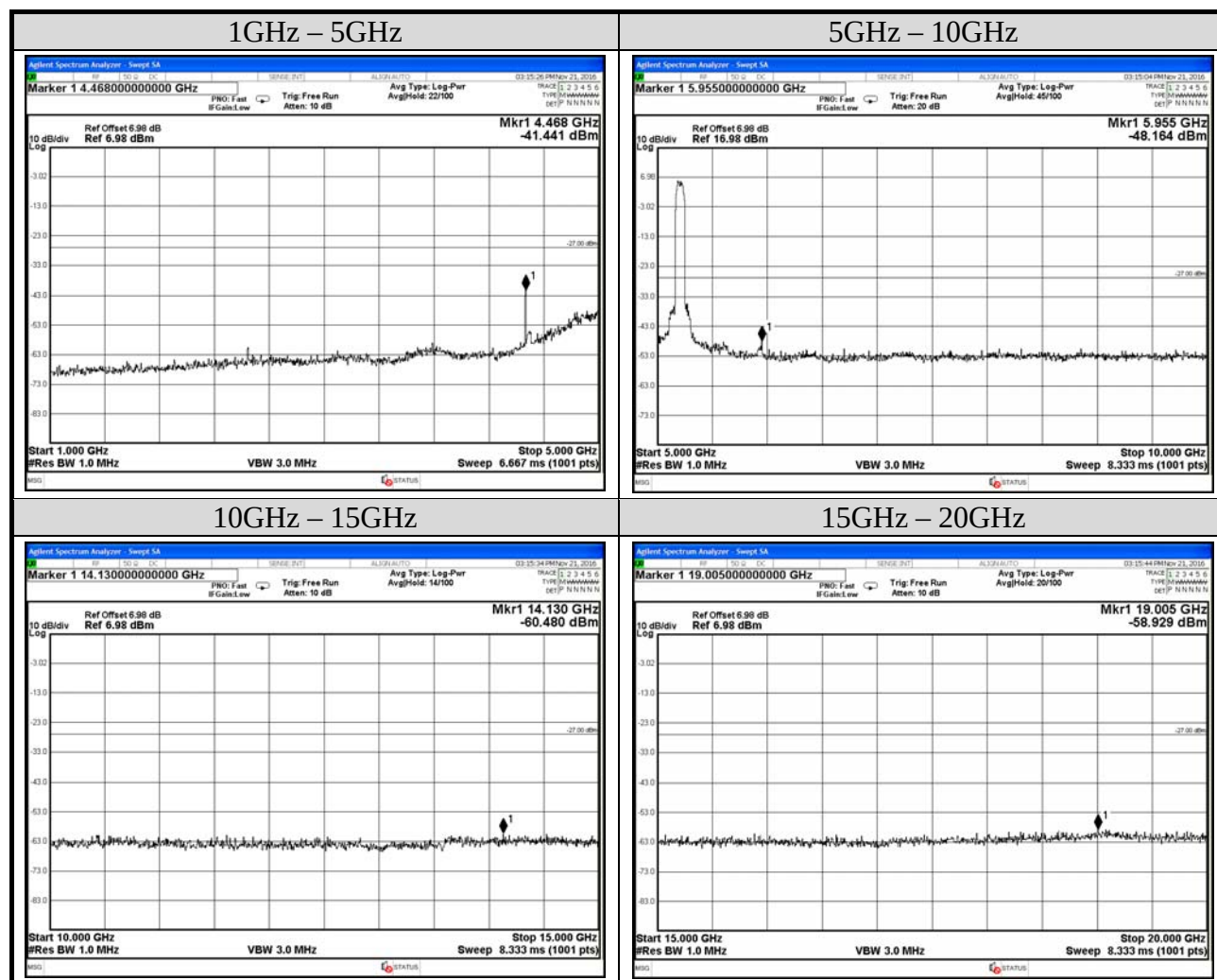


Note: The results have been included cable loss and antenna gain.

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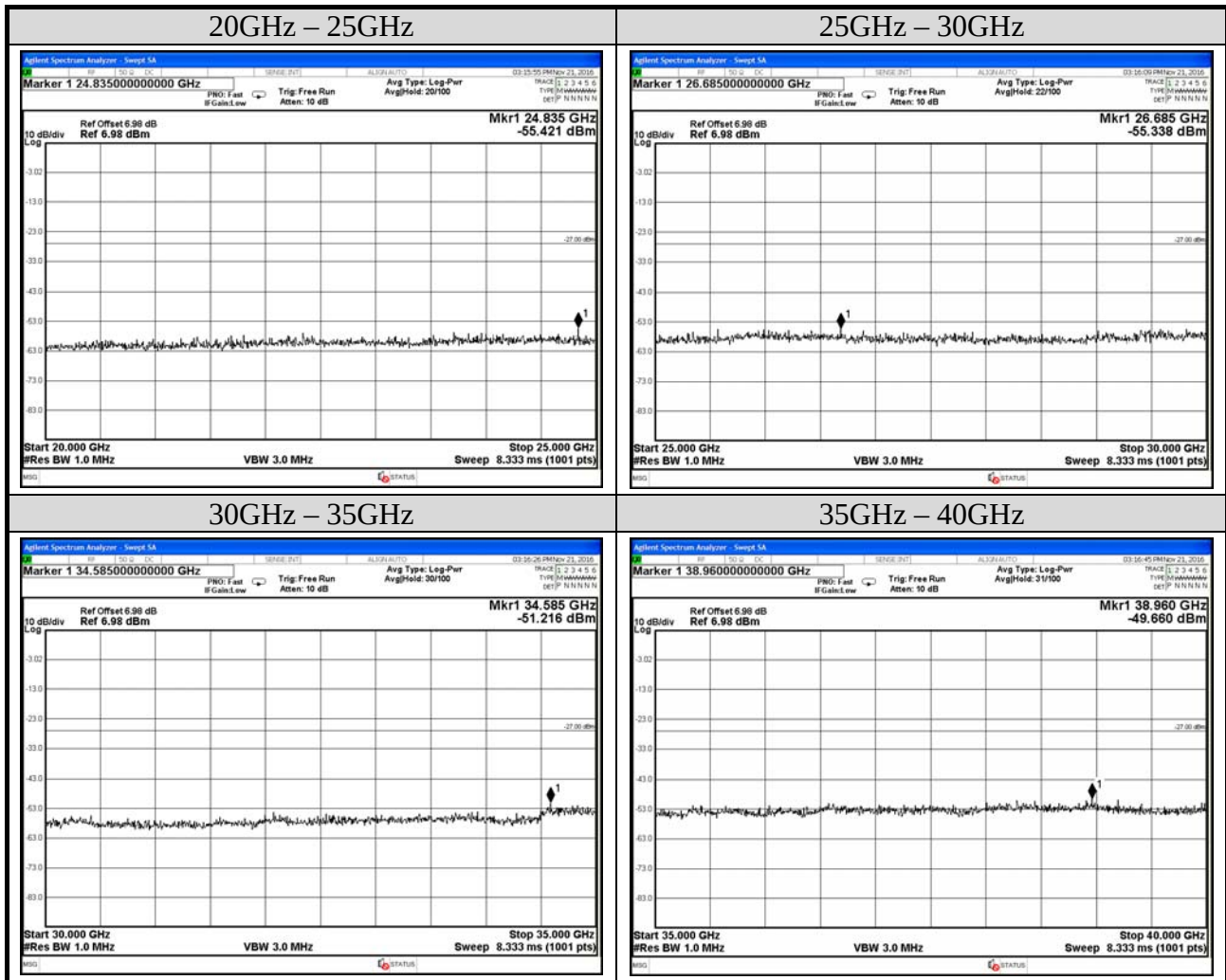
|                                                                |                |              |               |
|----------------------------------------------------------------|----------------|--------------|---------------|
| Test Date                                                      | 2016/11/21     | Temp./Hum.   | 25℃/55%       |
| Mode                                                           | 802.11ac-VHT80 | UNII Band    | I             |
|                                                                |                | Frequency    | TX 5210MHz    |
|                                                                |                | Test Voltage | AC 120V, 60HZ |
| Simultaneous Factor 10 log(n)<br>(Note: “n” is antenna number) |                | 3            |               |



Note: The results have been included cable loss and antenna gain.

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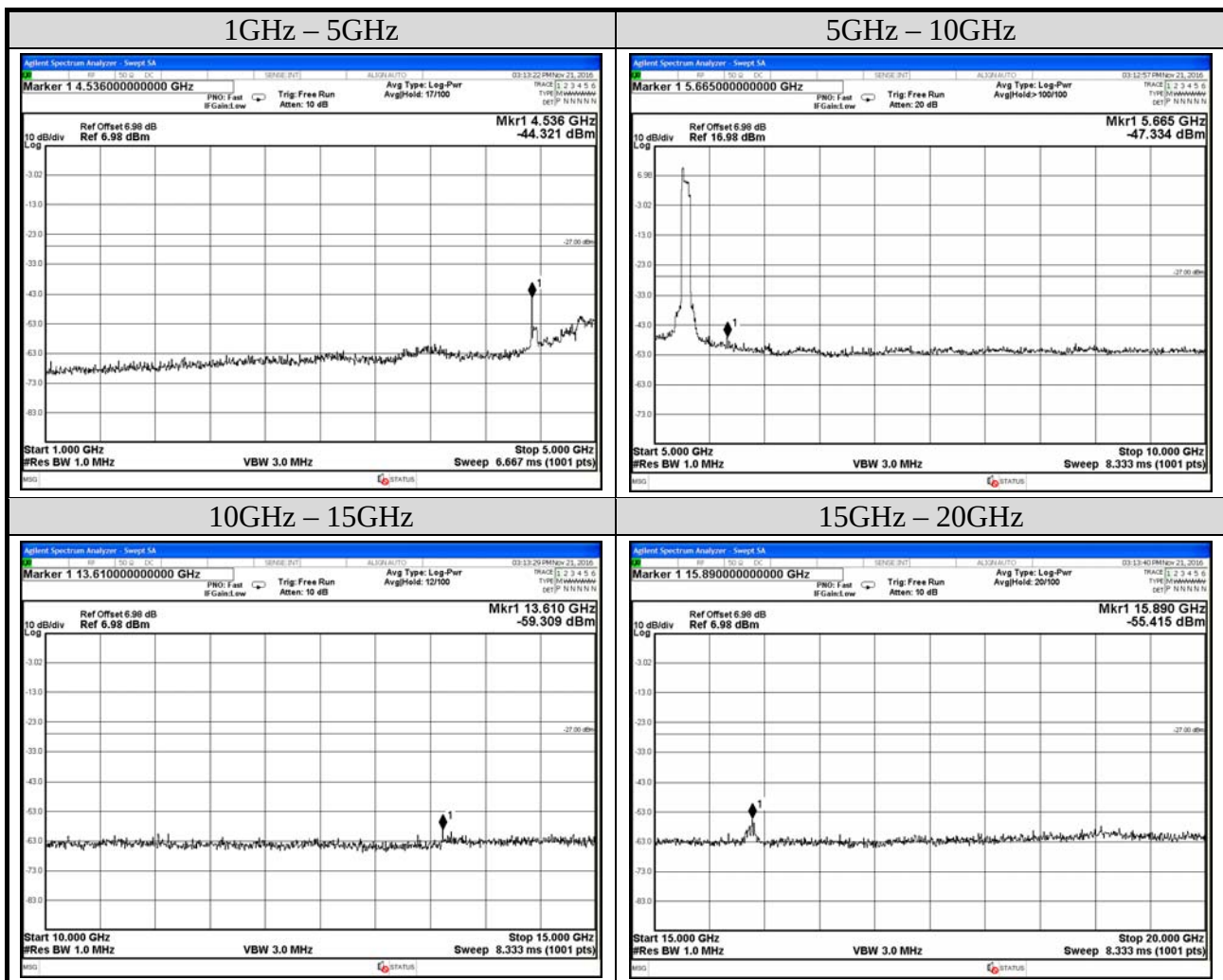


Note: The results have been included cable loss and antenna gain.

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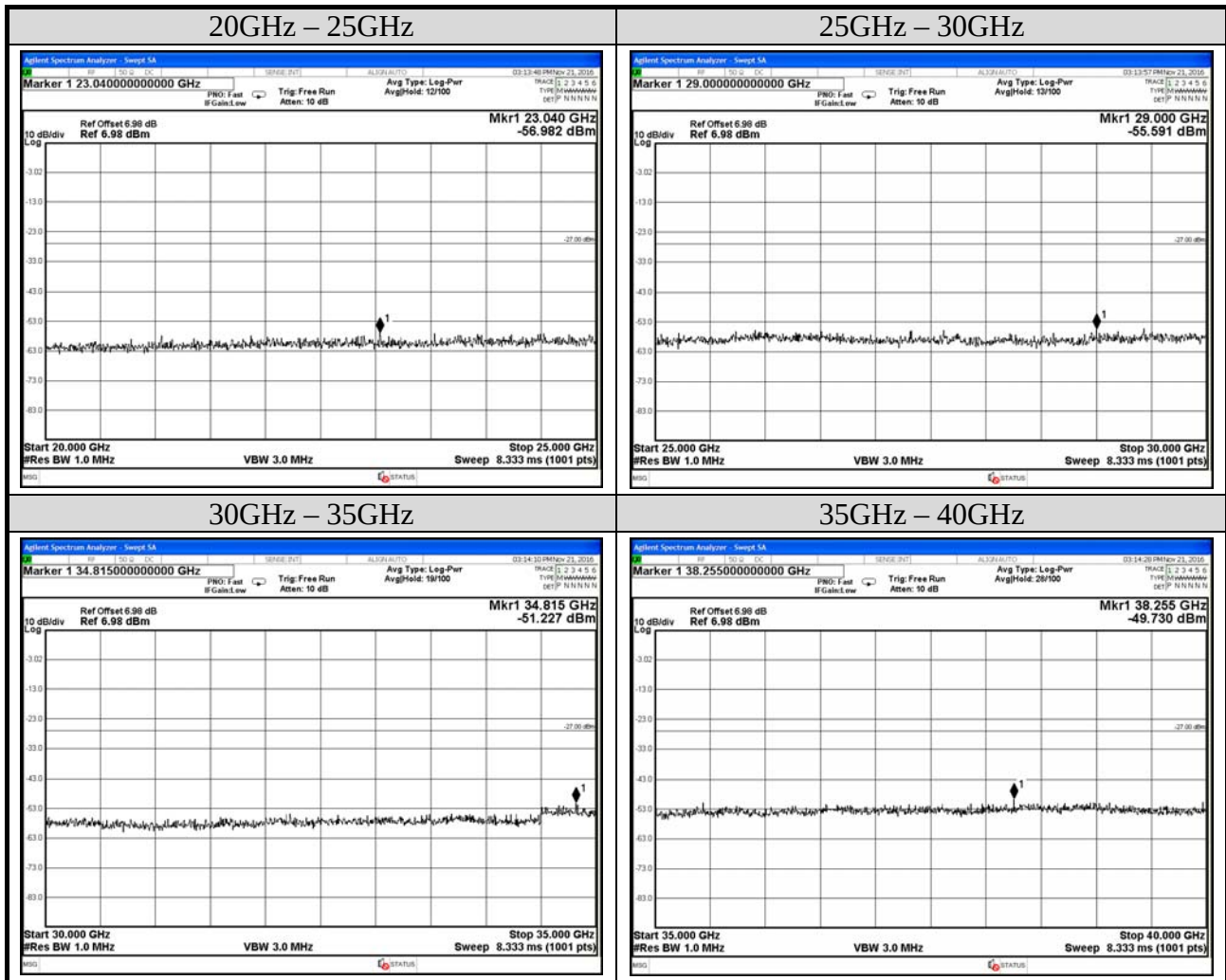
|                                                                |                |              |               |
|----------------------------------------------------------------|----------------|--------------|---------------|
| Test Date                                                      | 2016/11/21     | Temp./Hum.   | 25℃/55%       |
| Mode                                                           | 802.11ac-VHT80 | UNII Band    | II-2A         |
|                                                                |                | Frequency    | TX 5290MHz    |
|                                                                |                | Test Voltage | AC 120V, 60HZ |
| Simultaneous Factor 10 log(n)<br>(Note: “n” is antenna number) |                | 3            |               |



Note: The results have been included cable loss and antenna gain.

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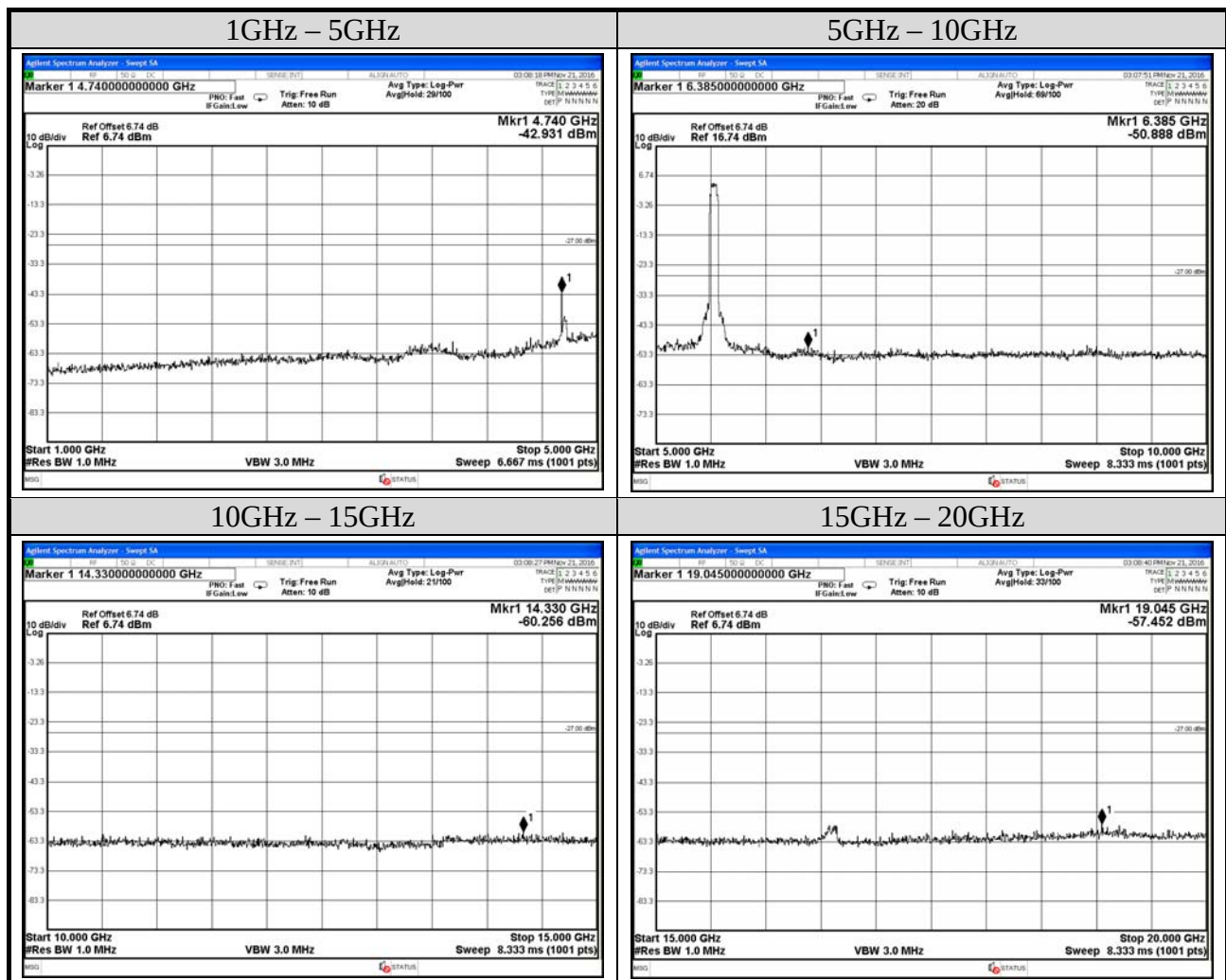


Note: The results have been included cable loss and antenna gain.

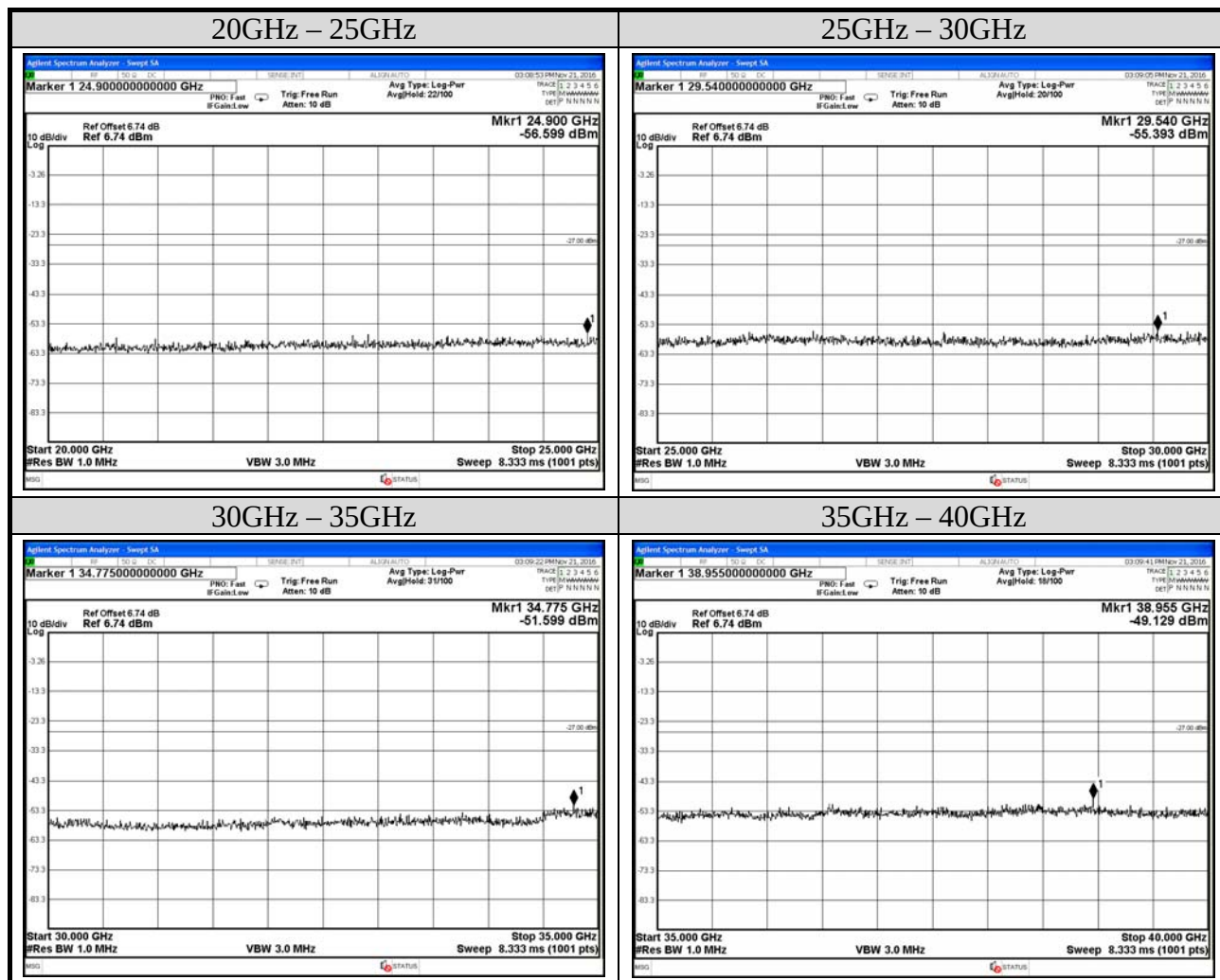
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|                                                                |                |              |               |
|----------------------------------------------------------------|----------------|--------------|---------------|
| Test Date                                                      | 2016/11/21     | Temp./Hum.   | 25℃/55%       |
| Mode                                                           | 802.11ac-VHT80 | UNII Band    | II-2C         |
|                                                                |                | Frequency    | TX 5530MHz    |
|                                                                |                | Test Voltage | AC 120V, 60HZ |
| Simultaneous Factor 10 log(n)<br>(Note: “n” is antenna number) |                | 3            |               |



Note: The results have been included cable loss and antenna gain.

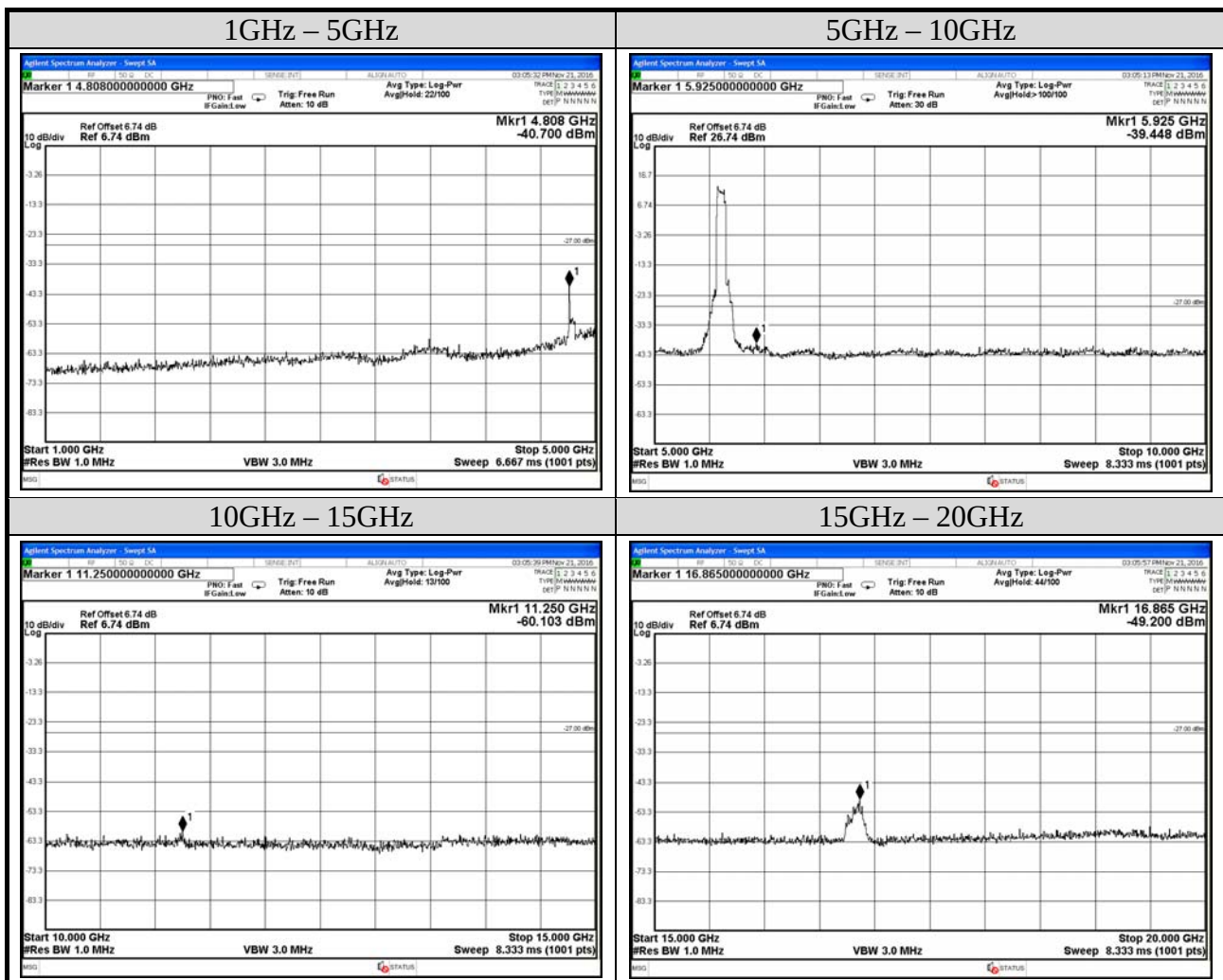


Note: The results have been included cable loss and antenna gain.

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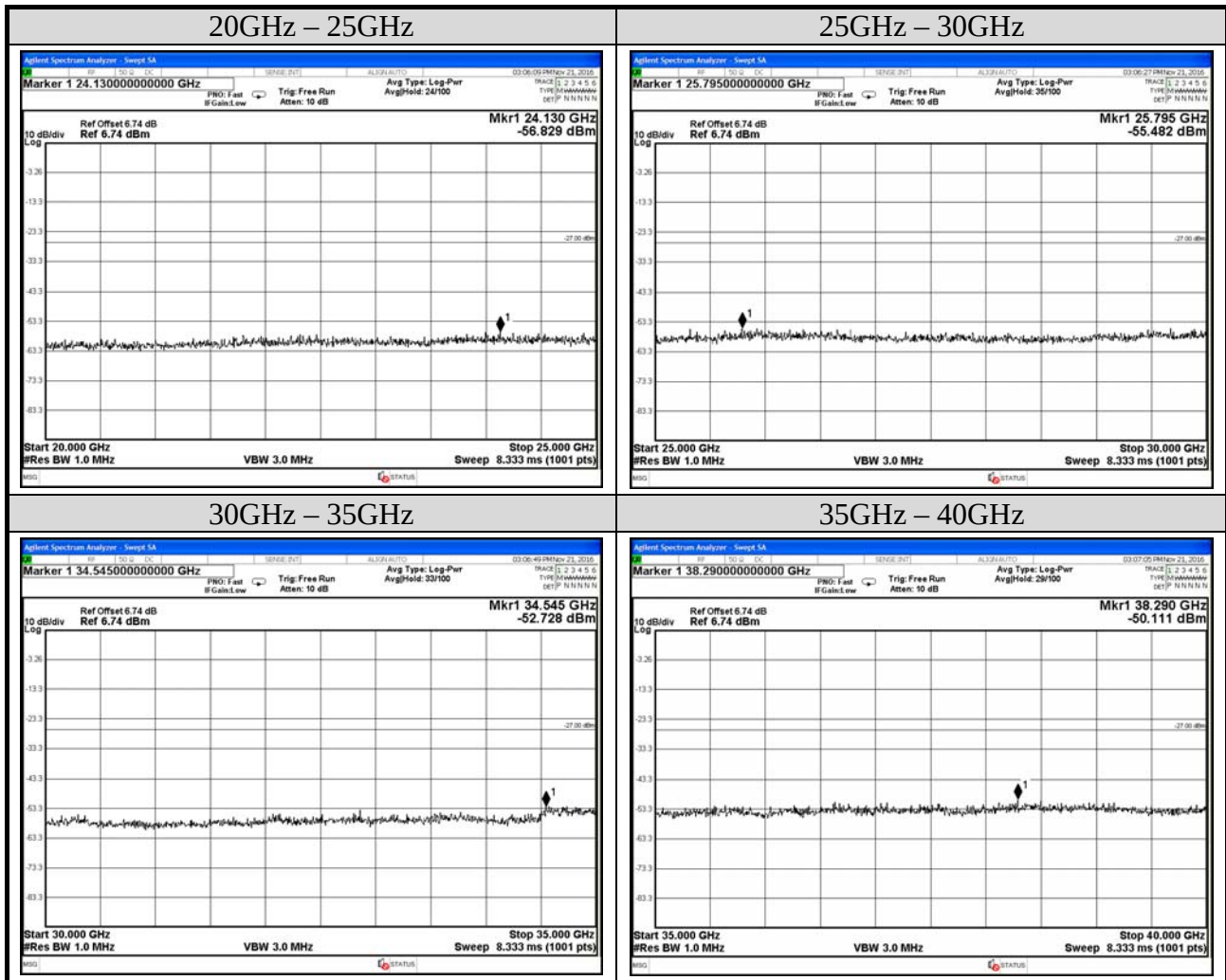
|                                                                |                |              |               |
|----------------------------------------------------------------|----------------|--------------|---------------|
| Test Date                                                      | 2016/11/21     | Temp./Hum.   | 25℃/55%       |
| Mode                                                           | 802.11ac-VHT80 | UNII Band    | II-2C         |
|                                                                |                | Frequency    | TX 5610MHz    |
|                                                                |                | Test Voltage | AC 120V, 60HZ |
| Simultaneous Factor 10 log(n)<br>(Note: “n” is antenna number) |                | 3            |               |



Note: The results have been included cable loss and antenna gain.

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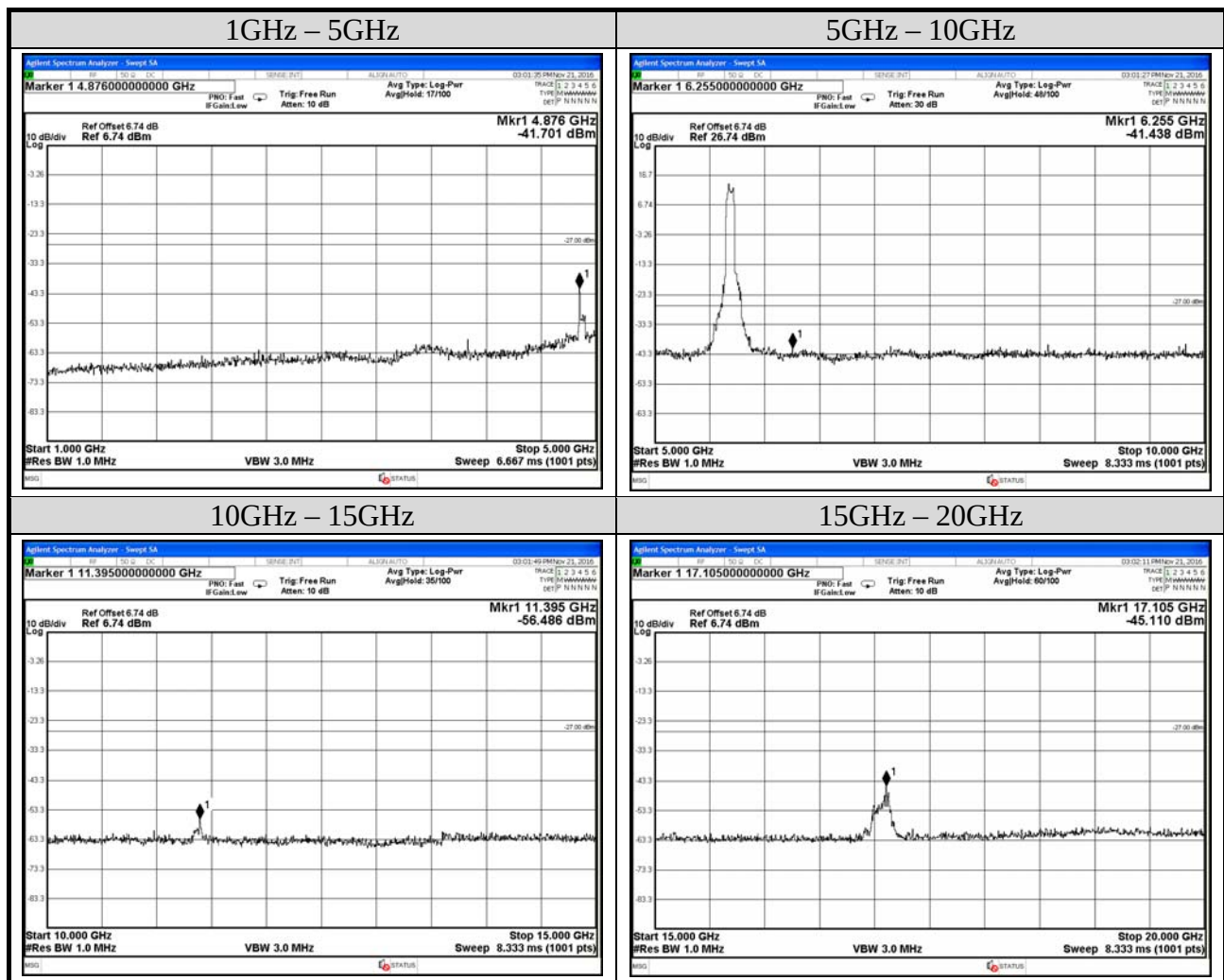


Note: The results have been included cable loss and antenna gain.

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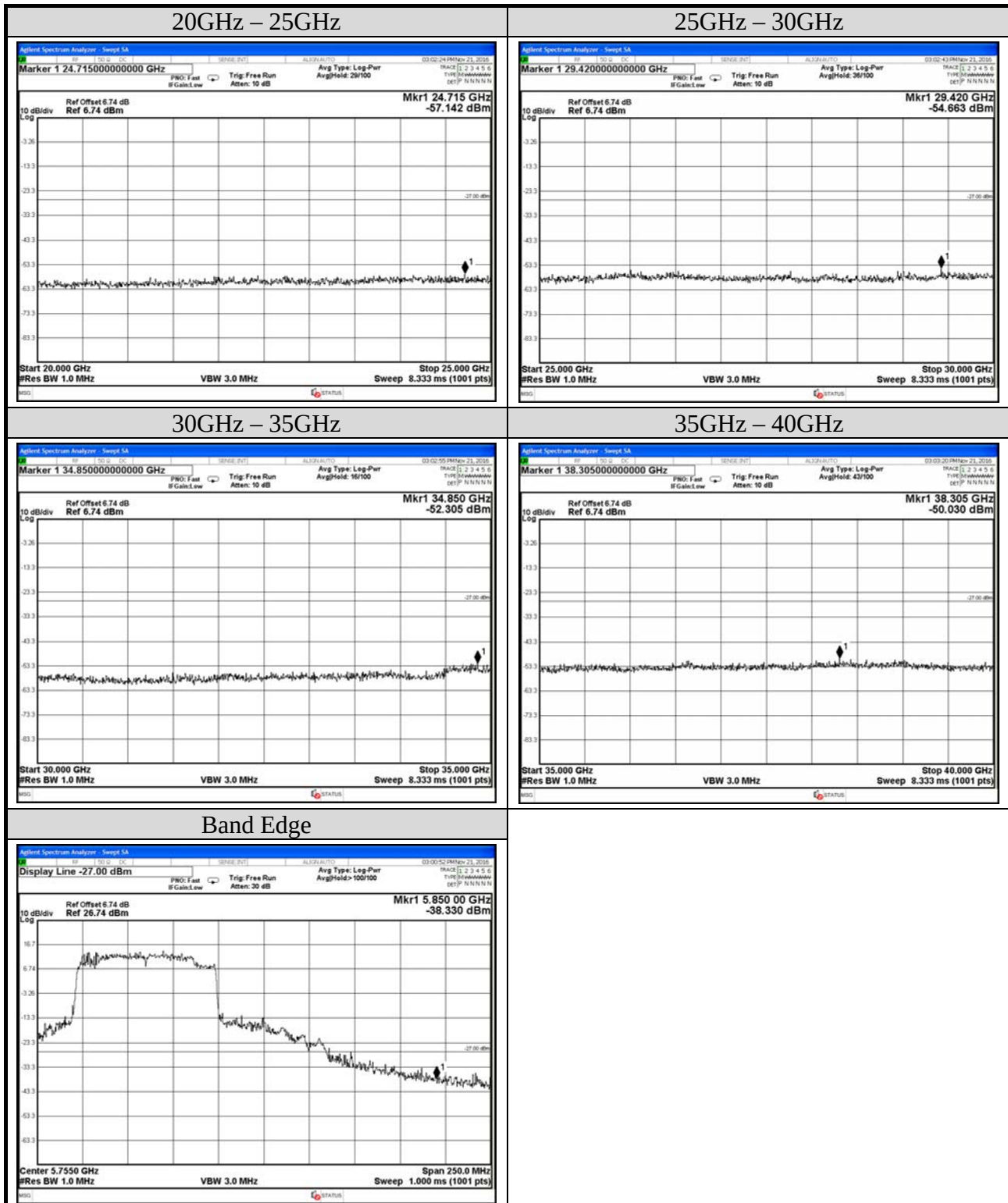
|                                                                |                |              |               |
|----------------------------------------------------------------|----------------|--------------|---------------|
| Test Date                                                      | 2016/11/21     | Temp./Hum.   | 25℃/55%       |
| Mode                                                           | 802.11ac-VHT80 | UNII Band    | II-2C         |
|                                                                |                | Frequency    | TX 5690MHz    |
|                                                                |                | Test Voltage | AC 120V, 60HZ |
| Simultaneous Factor 10 log(n)<br>(Note: “n” is antenna number) |                | 3            |               |



Note: The results have been included cable loss and antenna gain.

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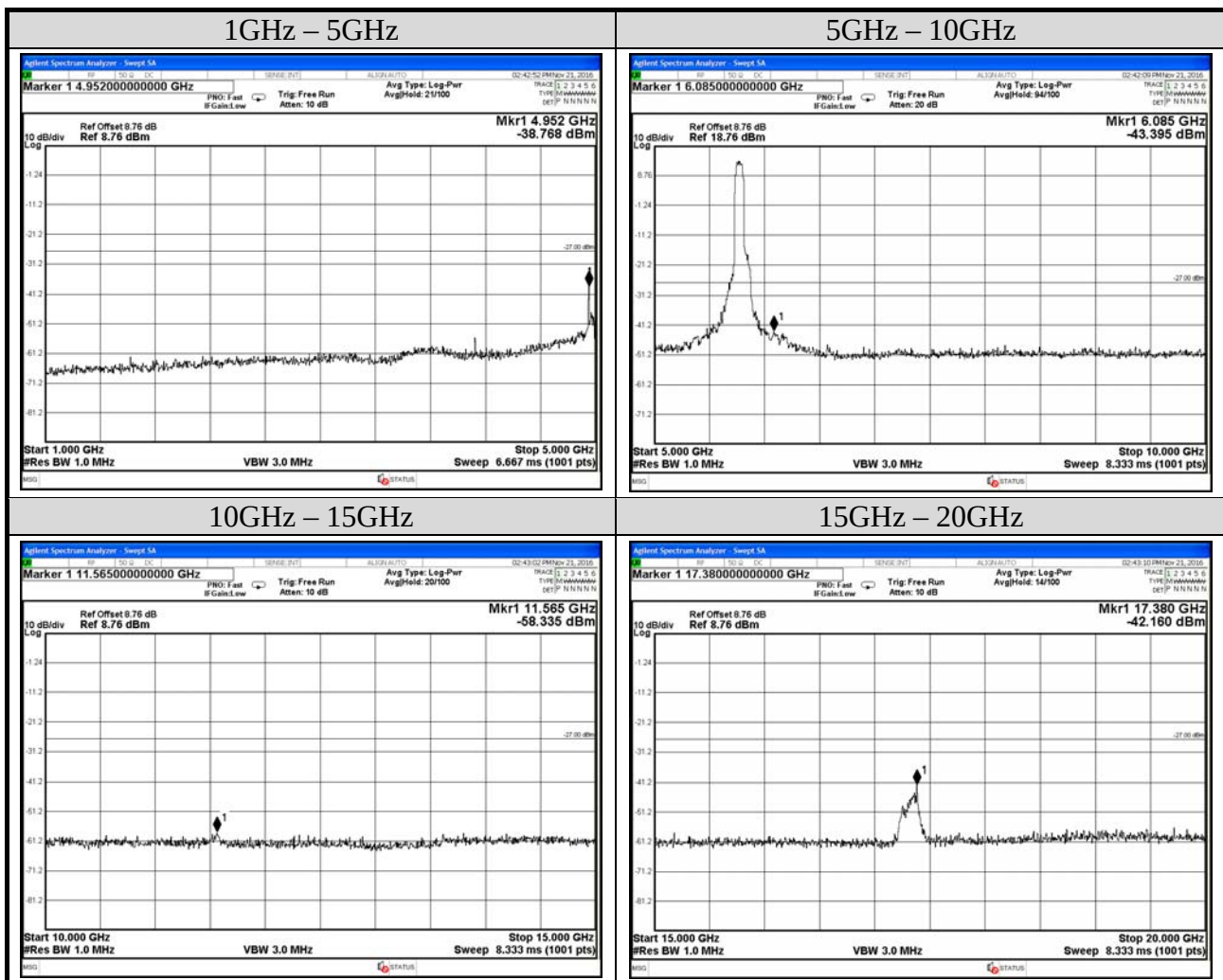


Note: The results have been included cable loss and antenna gain.

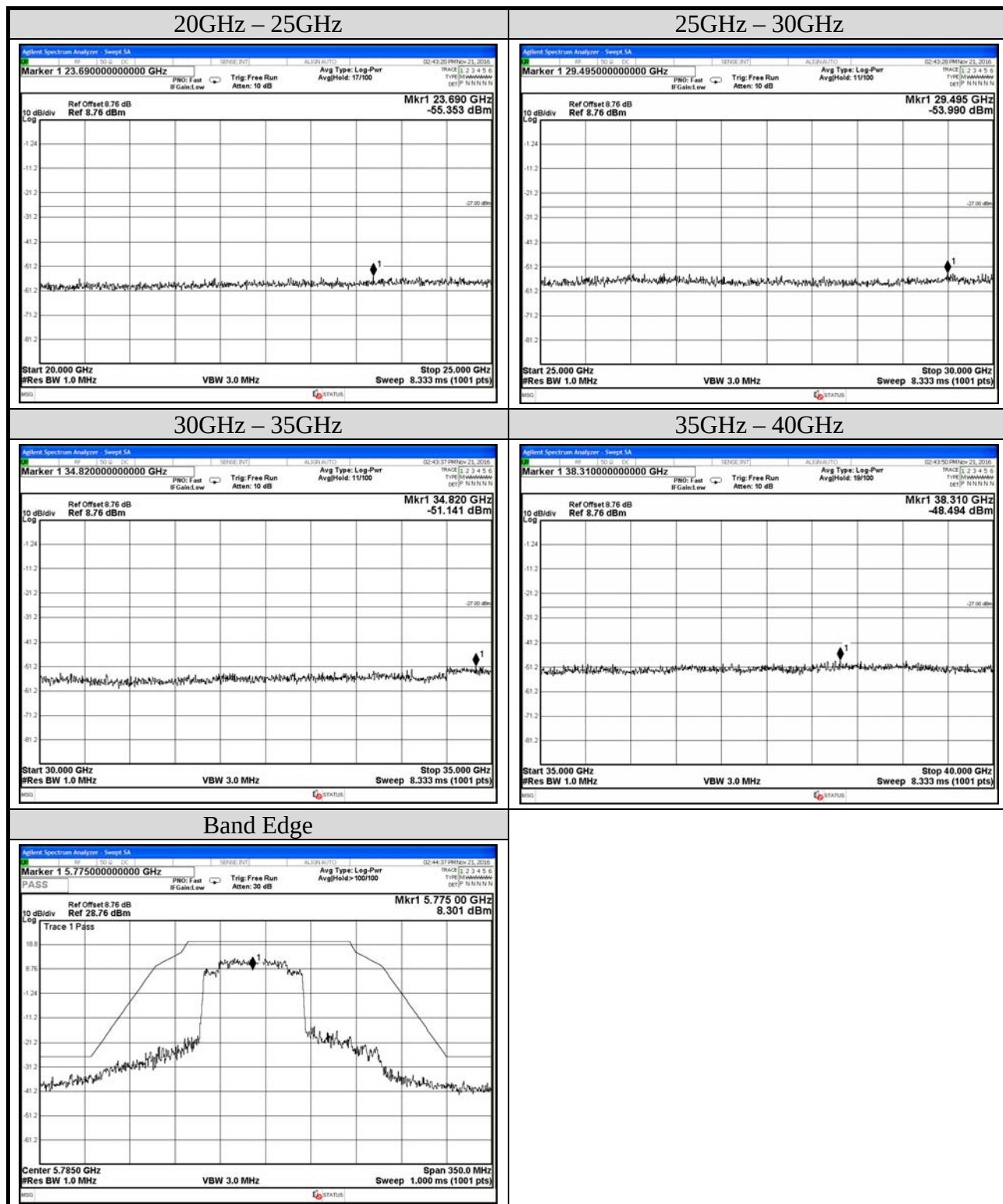
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|                                                                |                |              |               |
|----------------------------------------------------------------|----------------|--------------|---------------|
| Test Date                                                      | 2016/11/21     | Temp./Hum.   | 25℃/55%       |
| Mode                                                           | 802.11ac-VHT80 | UNII Band    | III           |
|                                                                |                | Frequency    | TX 5775MHz    |
|                                                                |                | Test Voltage | AC 120V, 60HZ |
| Simultaneous Factor 10 log(n)<br>(Note: “n” is antenna number) |                | 3            |               |



Note: The results have been included cable loss and antenna gain.



Note: The results have been included cable loss and antenna gain.

## A.4 POWER SPECTRAL DENSITY

### A.4.1 Power Spectral Density

|              |                                |            |          |
|--------------|--------------------------------|------------|----------|
| Test Date    | 2016/11/18 ~ 21                | Temp./Hum. | 25°C/55% |
| Test Voltage | AC 120V, 60Hz (via AC Adapter) |            |          |

| Modulation Type | UNII Band | Centre Frequency (MHz) | Power Spectral Density (dBm) | Limit         |
|-----------------|-----------|------------------------|------------------------------|---------------|
| 802.11a         | I         | 5180                   | 4.770                        | 11 dBm/MHz    |
|                 |           | 5200                   | 7.390                        |               |
|                 |           | 5240                   | 6.889                        |               |
|                 | II-2A     | 5260                   | 7.255                        |               |
|                 |           | 5300                   | 7.070                        |               |
|                 |           | 5320                   | 2.573                        |               |
|                 | II-2C     | 5500                   | 3.487                        |               |
|                 |           | 5600                   | 7.422                        |               |
|                 |           | 5700                   | 2.792                        |               |
|                 |           | 5720                   | 6.560                        |               |
|                 | III       | 5720                   | 3.572                        | 30dBm/500 kHz |
|                 |           | 5745                   | 4.701                        |               |
|                 |           | 5785                   | 4.602                        |               |
|                 |           | 5825                   | 3.892                        |               |

Note 1: Simultaneous Factor  $10 \log(n)$  has been included in the test result.

Note 2: BWCF 6.99dB (100kHz converted to 500kHz) has been included in the test result.

Note 3: The results have been included cable loss.

| Modulation Type | UNII Band | Centre Frequency (MHz) | Power Spectral Density (dBm) | Limit         |
|-----------------|-----------|------------------------|------------------------------|---------------|
| 802.11n-HT20    | I         | 5180                   | 1.976                        | 11 dBm/MHz    |
|                 |           | 5200                   | 4.674                        |               |
|                 |           | 5240                   | 4.709                        |               |
|                 | II-2A     | 5260                   | 4.210                        |               |
|                 |           | 5300                   | 4.176                        |               |
|                 |           | 5320                   | 1.663                        |               |
|                 | II-2C     | 5500                   | 1.131                        |               |
|                 |           | 5600                   | 3.630                        |               |
|                 |           | 5700                   | -0.415                       |               |
|                 |           | 5720                   | 3.782                        |               |
|                 | III       | 5720                   | 2.365                        | 30dBm/500 kHz |
|                 |           | 5745                   | 5.088                        |               |
|                 |           | 5785                   | 4.585                        |               |
|                 |           | 5825                   | 3.542                        |               |
| 802.11n-HT40    | I         | 5190                   | -4.162                       | 11 dBm/MHz    |
|                 |           | 5230                   | 0.263                        |               |
|                 | II-2A     | 5270                   | 0.510                        |               |
|                 |           | 5310                   | -5.670                       |               |
|                 | II-2C     | 5510                   | -6.515                       |               |
|                 |           | 5590                   | -0.040                       |               |
|                 |           | 5670                   | -1.626                       |               |
|                 |           | 5710                   | 2.558                        |               |
|                 | III       | 5710                   | -1.029                       | 30dBm/500 kHz |
|                 |           | 5755                   | 1.264                        |               |
|                 |           | 5795                   | 1.167                        |               |

Note 1: Simultaneous Factor 10 log(n) has been included in the test result.

Note 2: BWCF 6.99dB (100kHz converted to 500kHz) has been included in the test result.

| Modulation Type | UNII Band | Centre Frequency (MHz) | Power Spectral Density (dBm) | Limit         |
|-----------------|-----------|------------------------|------------------------------|---------------|
| 802.11ac-VHT80  | I         | 5210                   | -4.170                       | 11 dBm/MHz    |
|                 | II-2A     | 5290                   | -5.336                       |               |
|                 | II-2C     | 5530                   | -5.006                       |               |
|                 |           | 5610                   | 1.220                        |               |
|                 |           | 5690                   | 3.115                        |               |
|                 | III       | 5690                   | -1.729                       | 30dBm/500 kHz |
|                 |           | 5775                   | 1.108                        |               |

Note 1: Simultaneous Factor  $10 \log(n)$  has been included in the test result.

Note 2: BWCF 6.99dB (100kHz converted to 500kHz) has been included in the test result.

Note 3: The results have been included cable loss.

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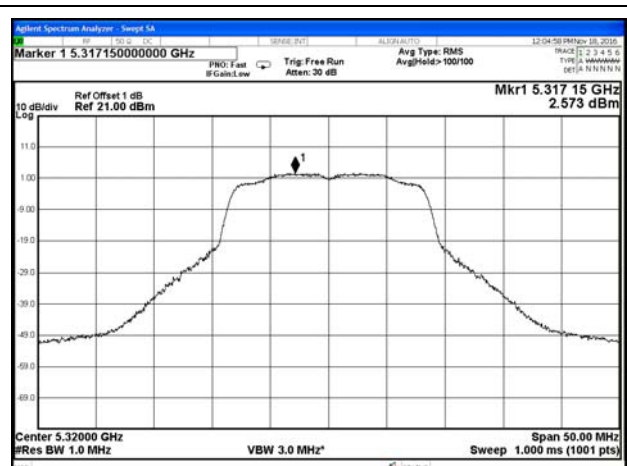
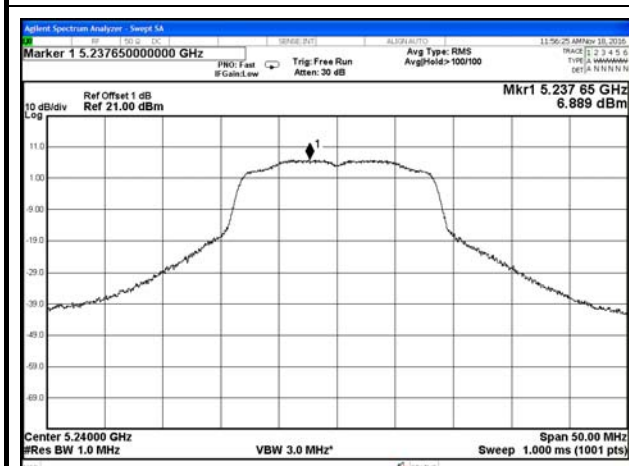
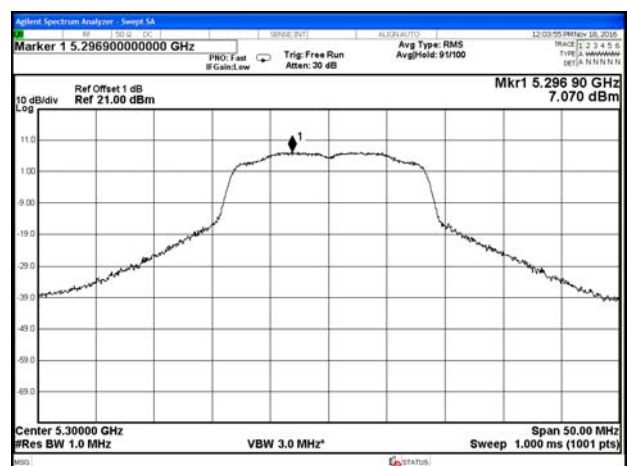
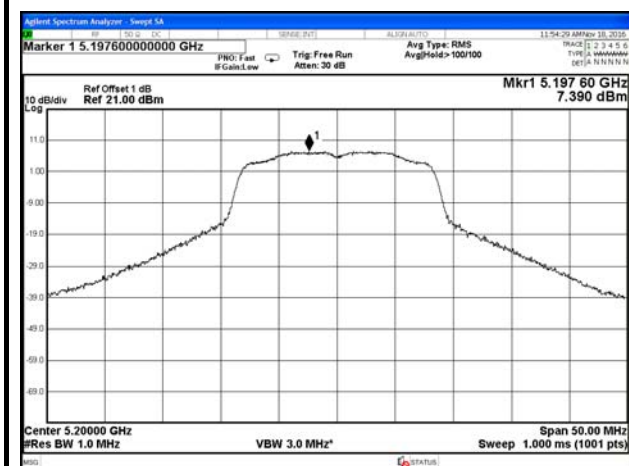
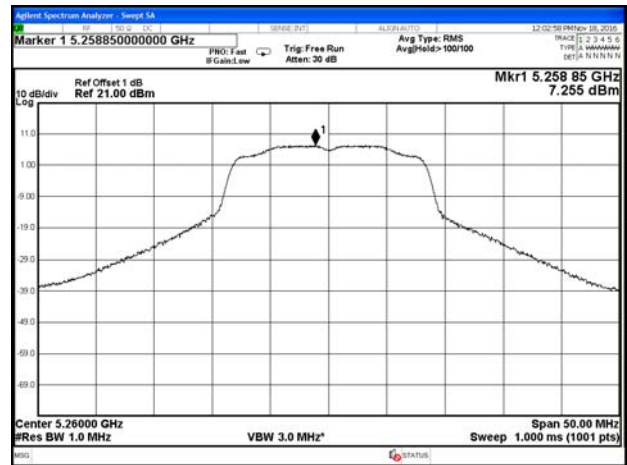
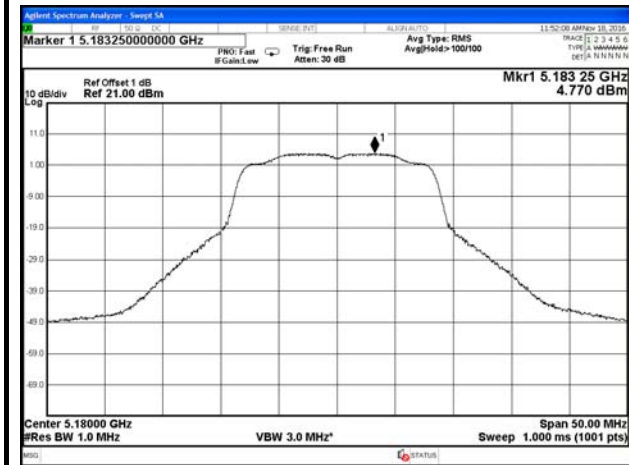
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## A.4.2 Measurement Plots

802.11a

UNII Band I

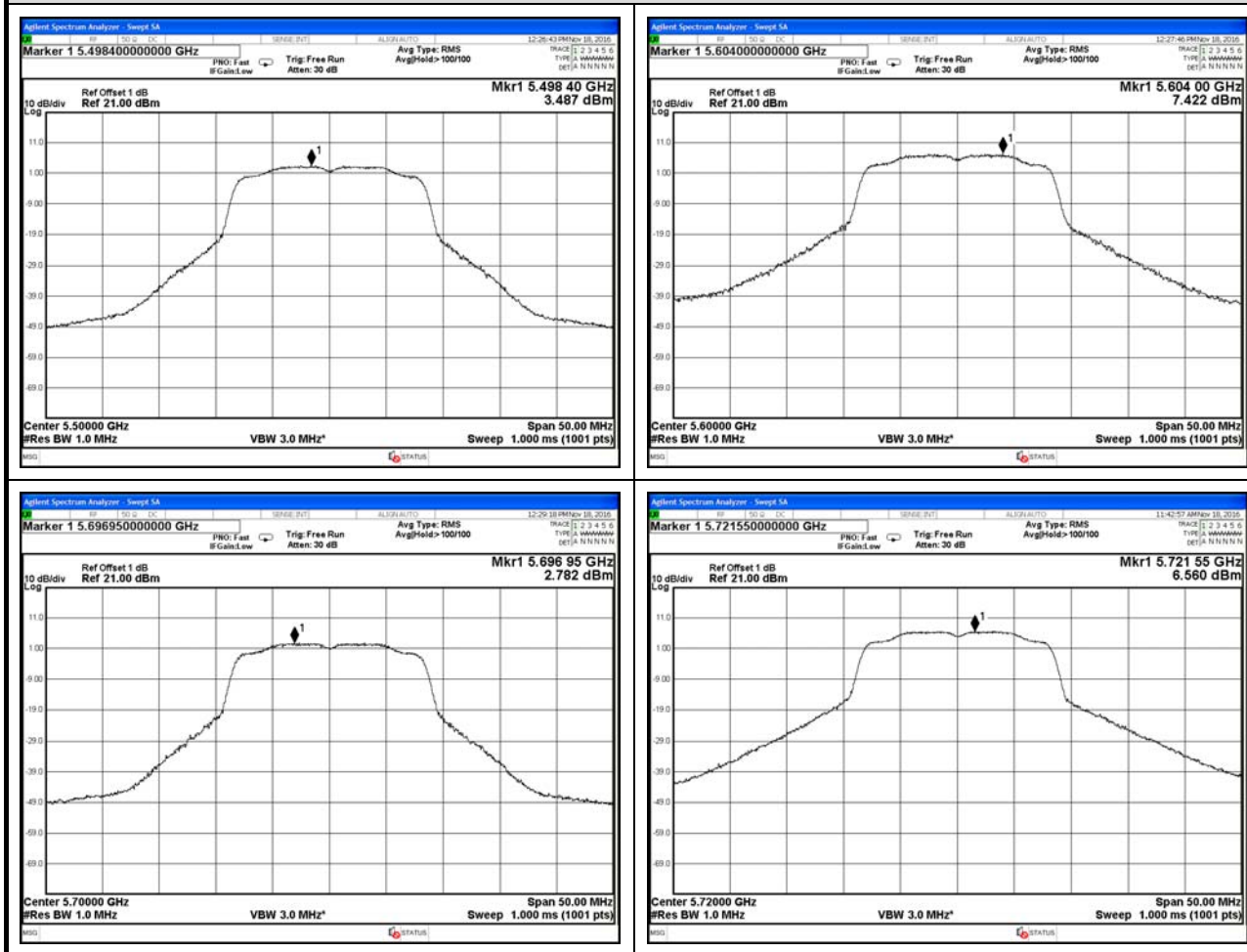
UNII Band II-2A



Note: The results have been included cable loss.

802.11a

UNII Band II-2C



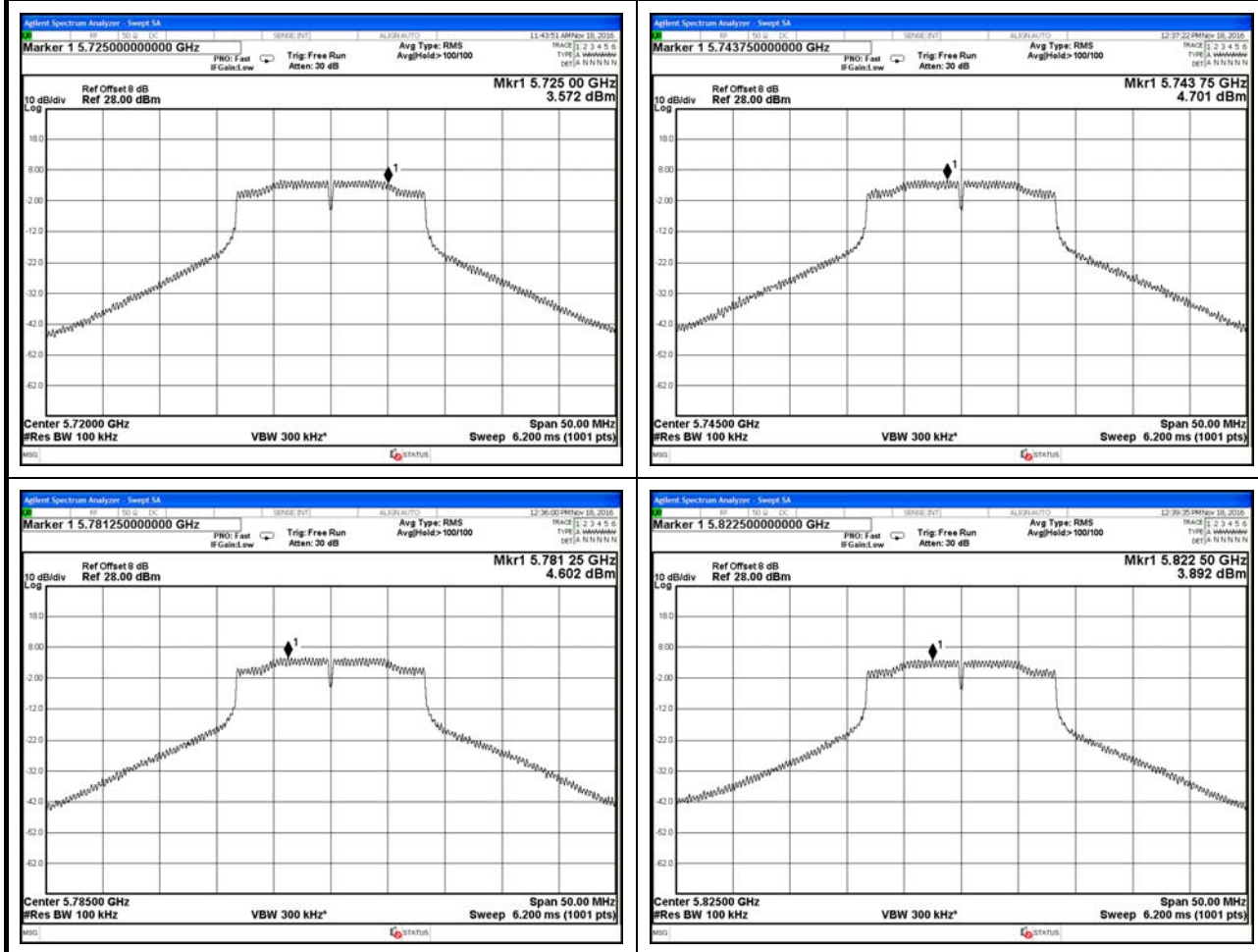
Note: The results have been included cable loss.

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802.11a

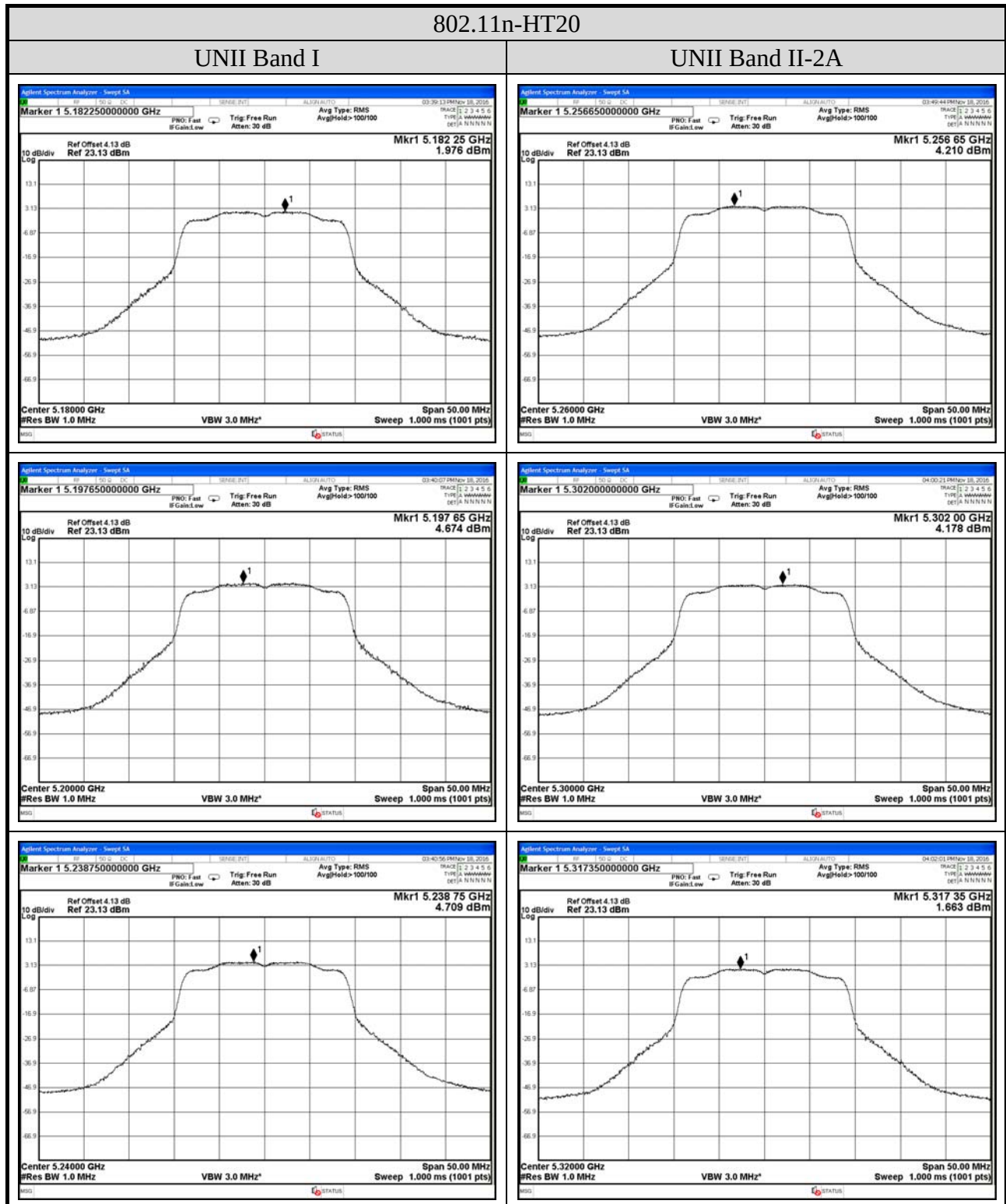
UNII Band III



Note: The results have been included cable loss.

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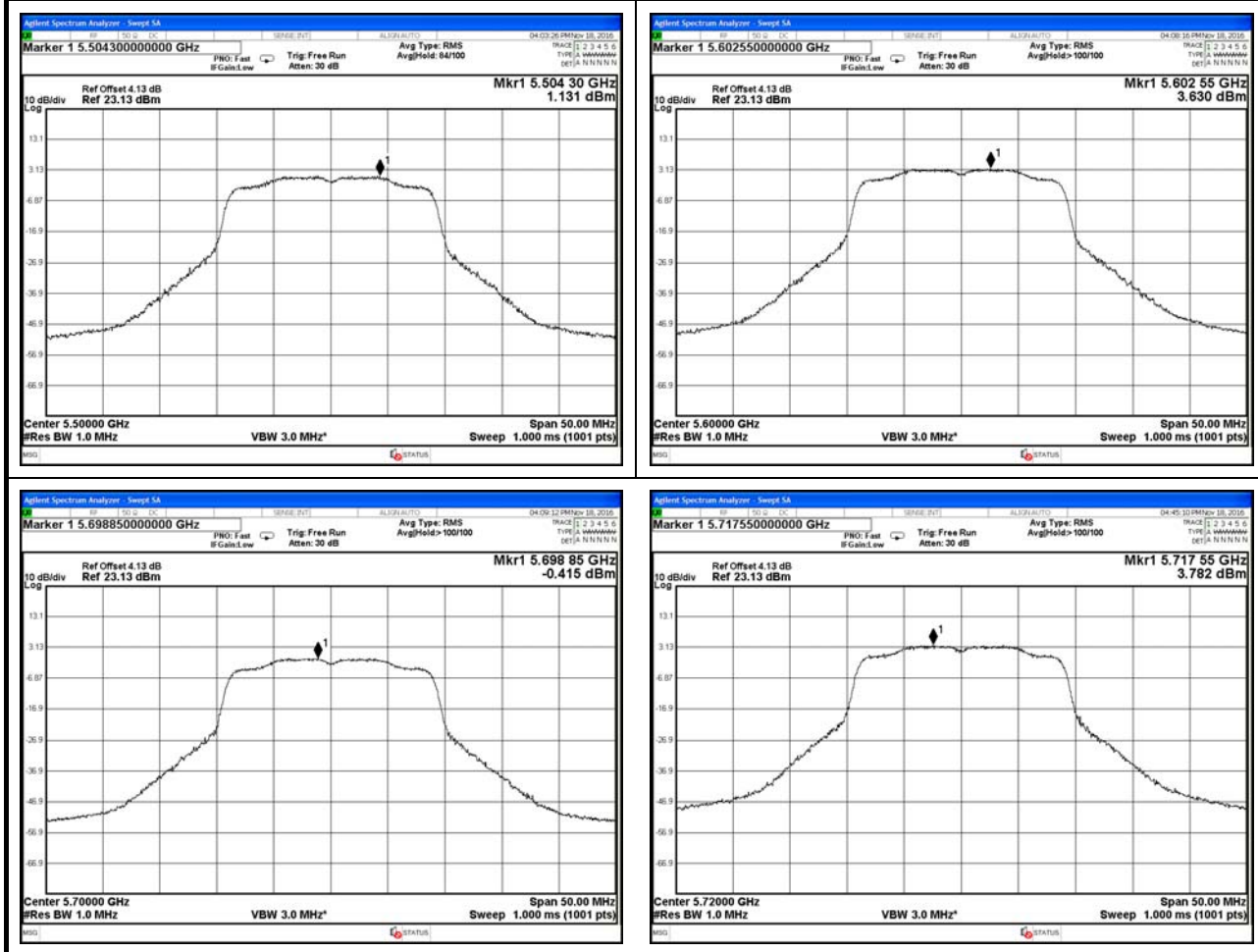
Note: The results have been included cable loss.

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## 802.11n-HT20

### UNII Band II-2C



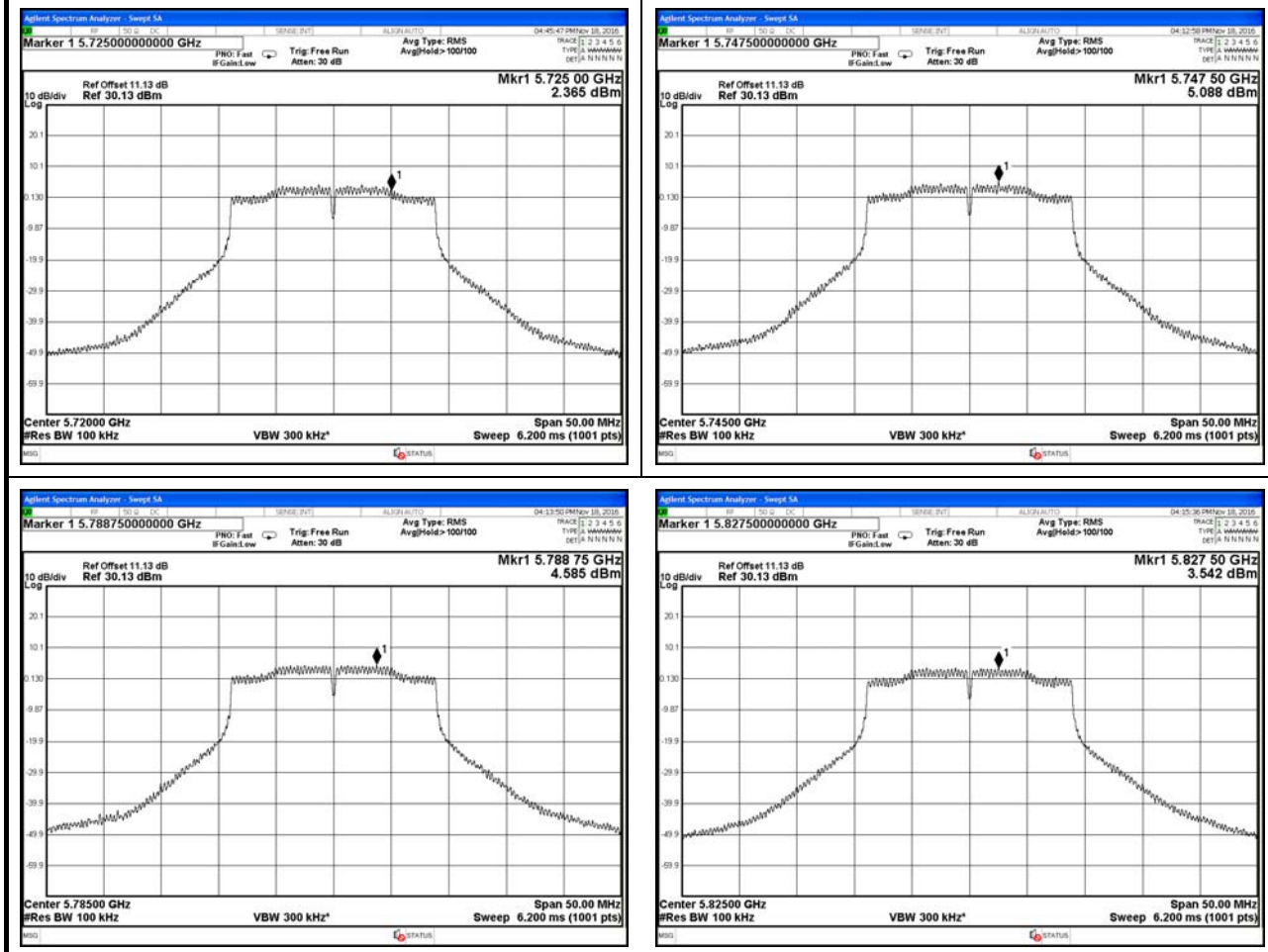
Note: The results have been included cable loss.

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## 802.11n-HT20

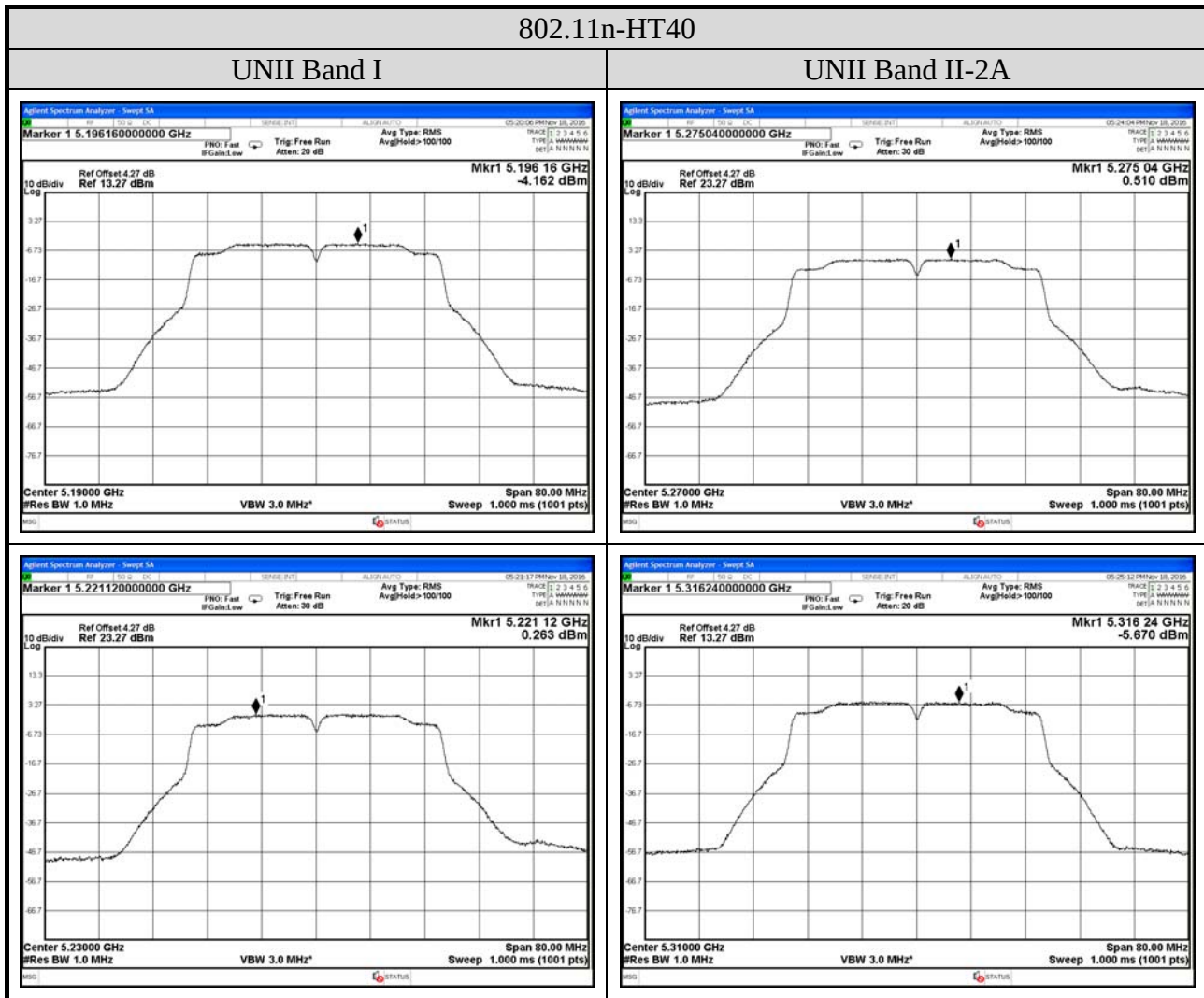
### UNII Band III



Note: The results have been included cable loss.

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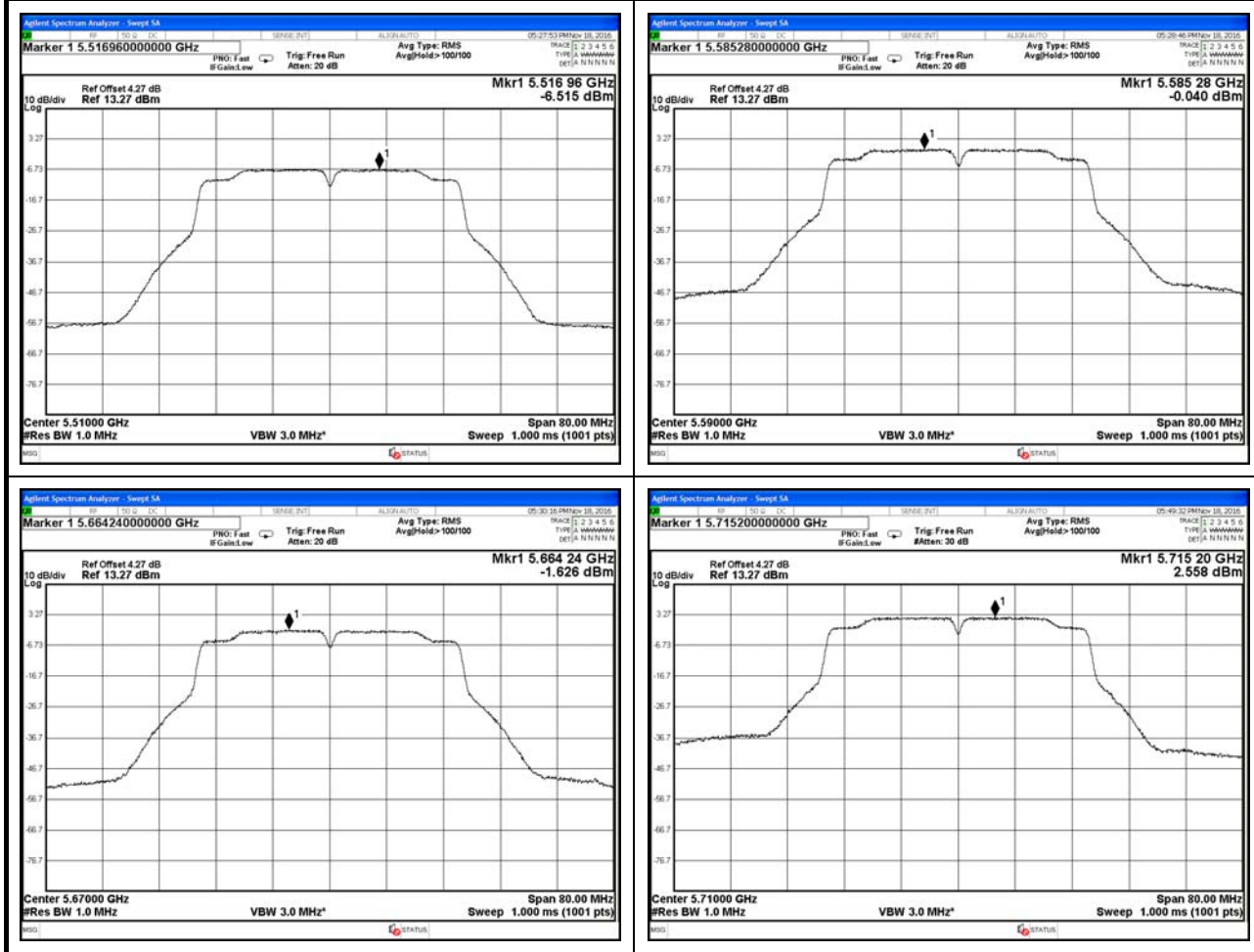
Note: The results have been included cable loss.

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## 802.11n-HT40

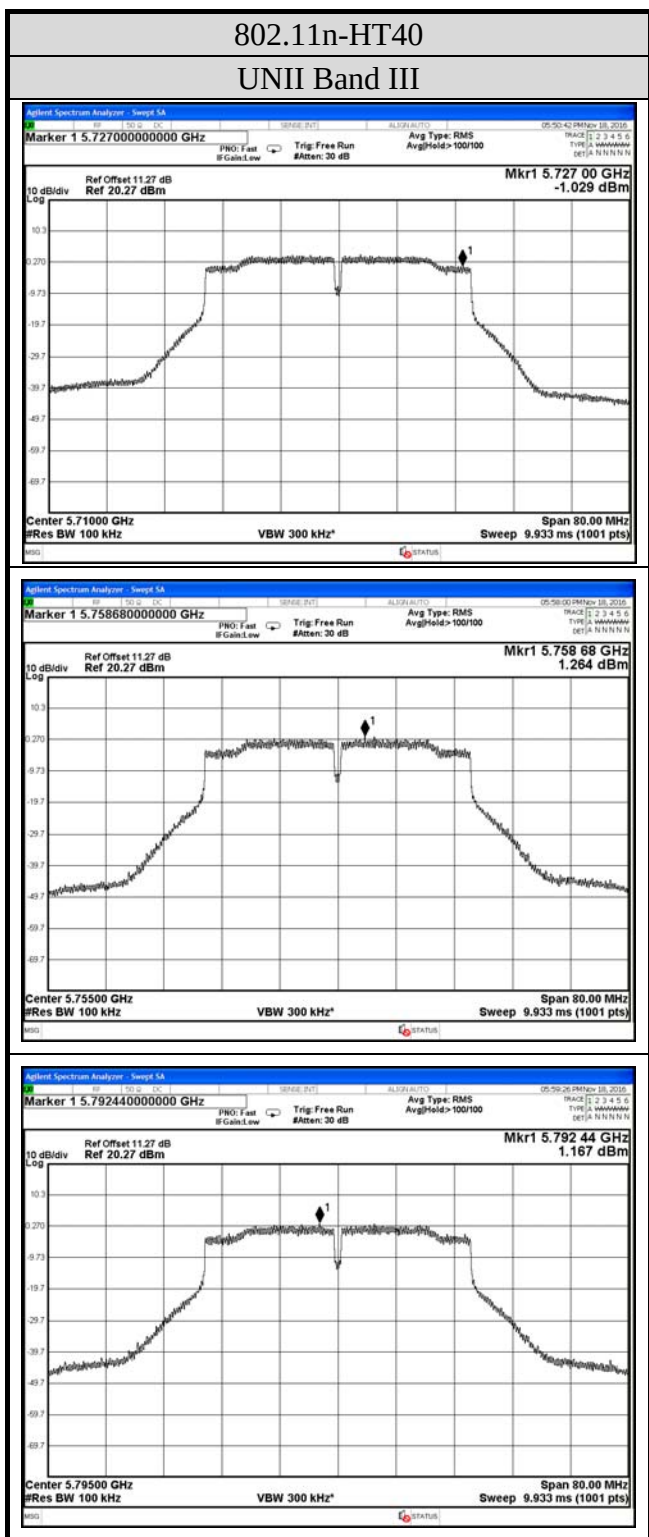
## UNII Band II-2C



Note: The results have been included cable loss.

## 802.11n-HT40

### UNII Band III



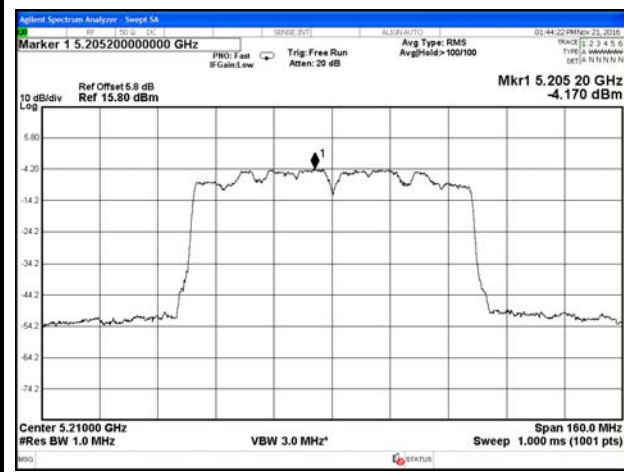
Note: The results have been included cable loss.

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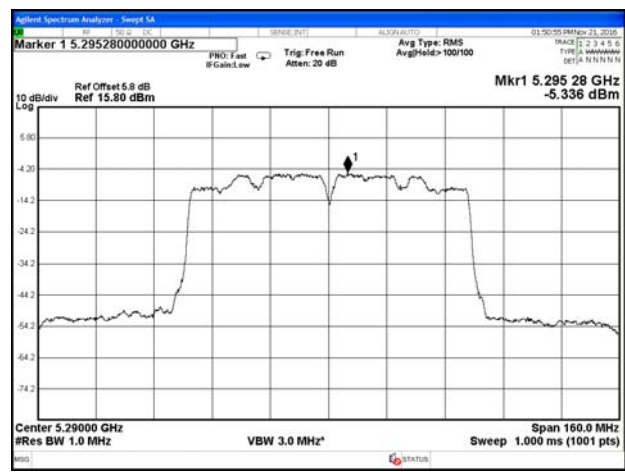
Tel: +886 2 26099301  
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## 802.11ac-VHT80

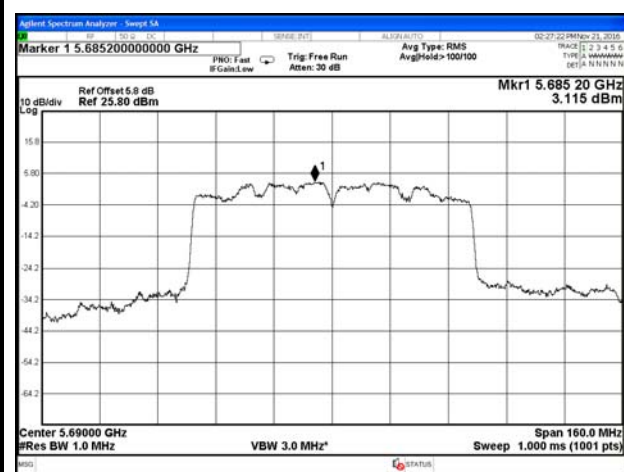
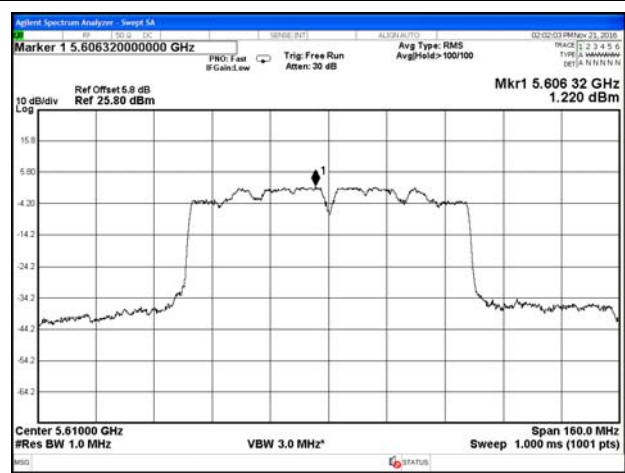
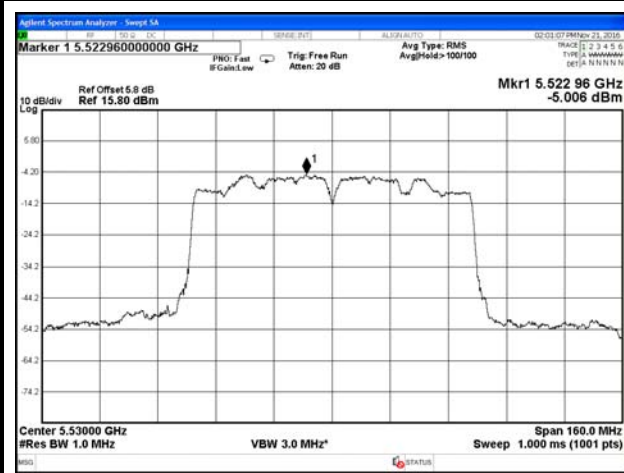
### UNII Band I



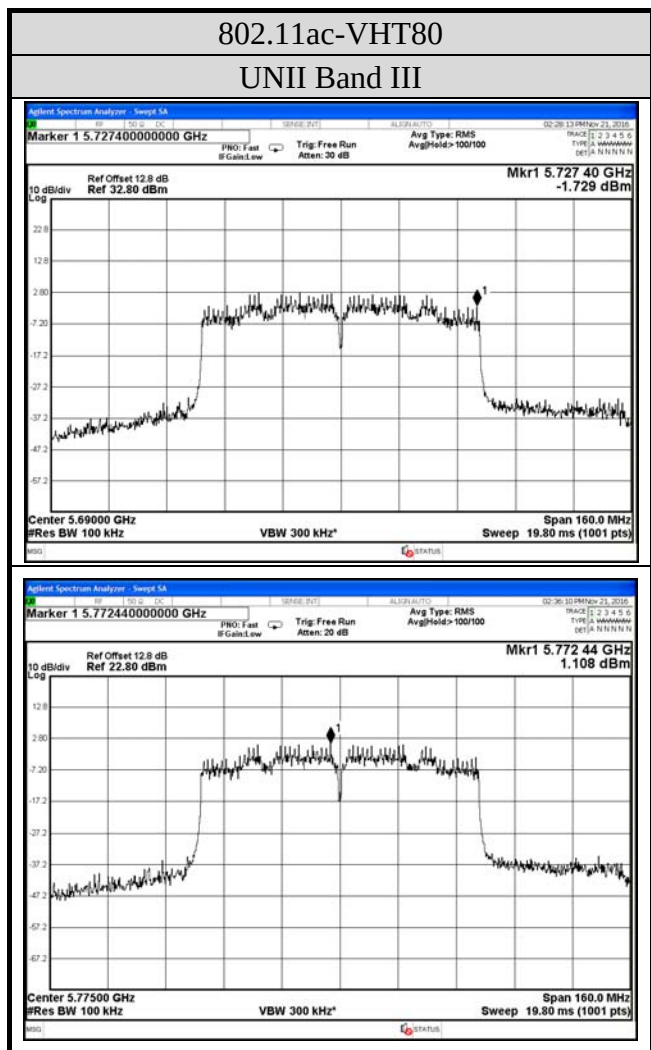
### UNII Band II-2A



## UNII Band II-2C



Note: The results have been included cable loss.



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