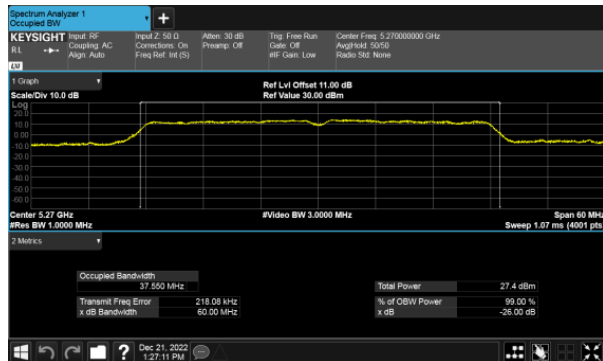
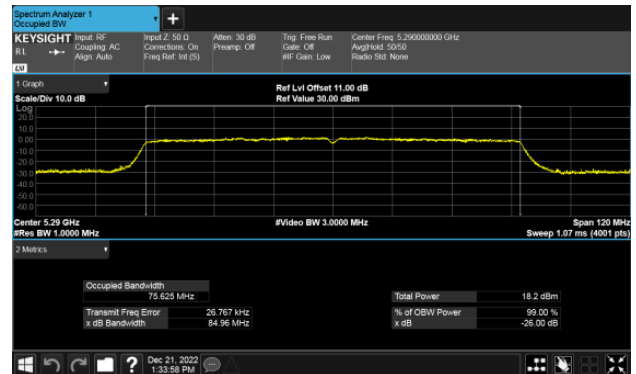


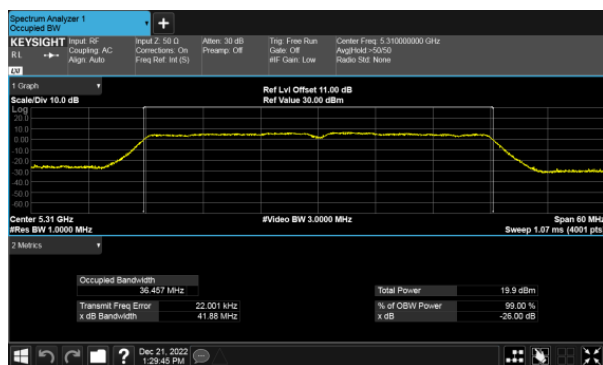


ANT B

99% Bandwidth Band 2

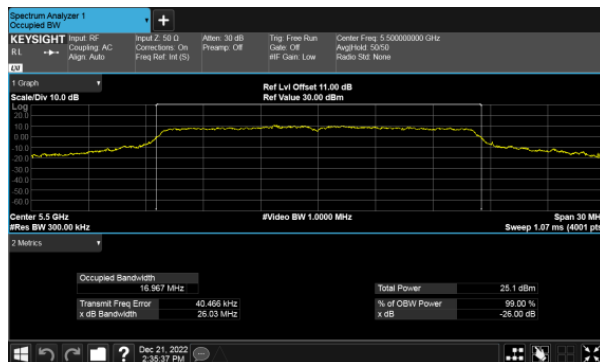
Modulation Type: 802.11ac VHT40 (13.5Mbps)  
CH54Modulation Type: 802.11ac VHT80 (29.3Mbps)  
CH58

CH62

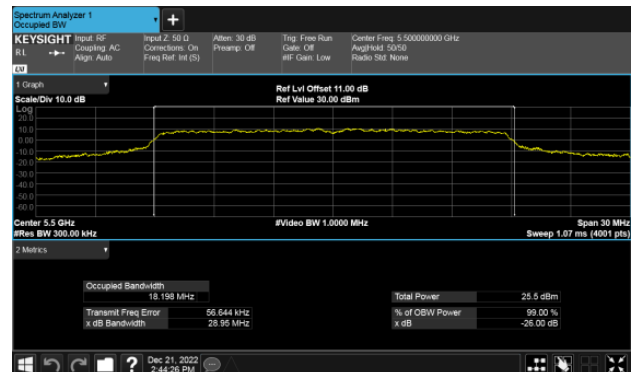




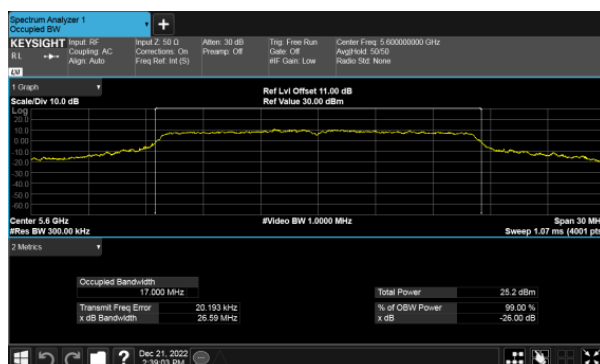
ANT A  
99% Bandwidth Band 3  
Modulation Type: 802.11a (6Mbps)  
CH100



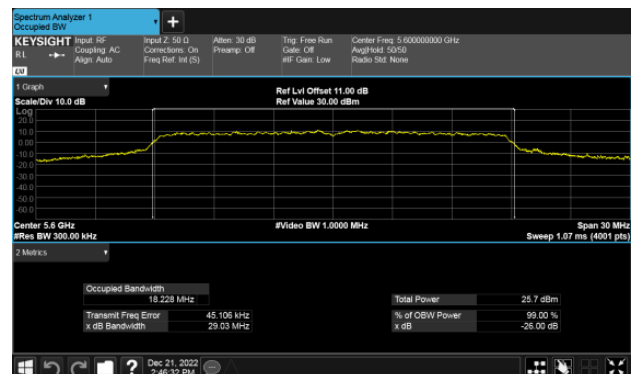
802.11ac VHT20 (6.5Mbps)  
CH100



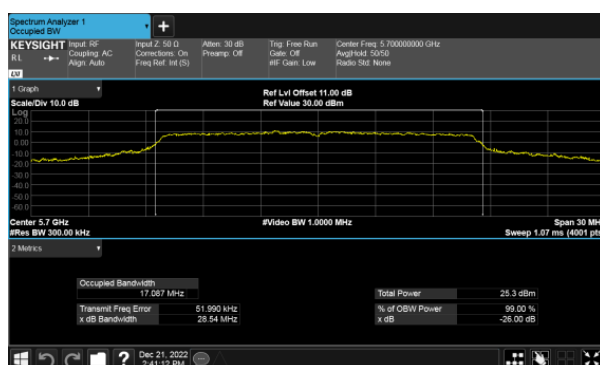
CH120



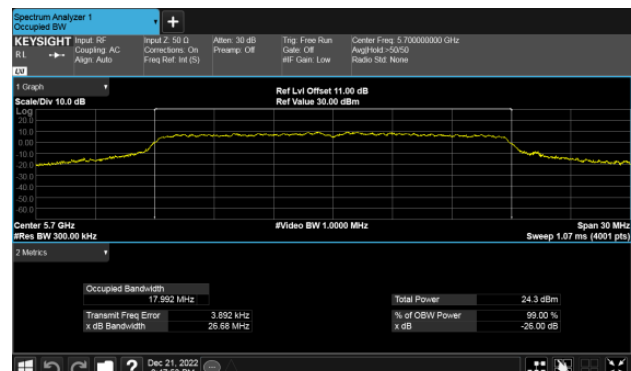
CH120



CH140



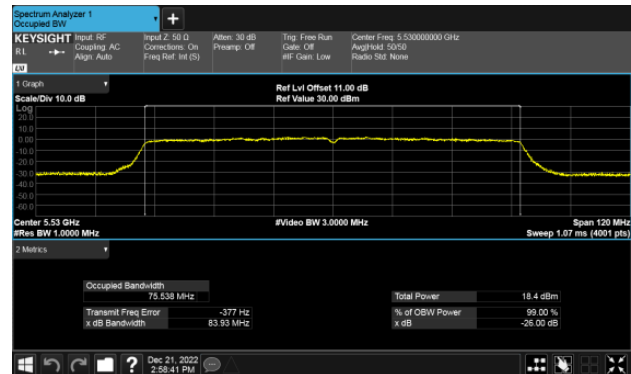
CH140



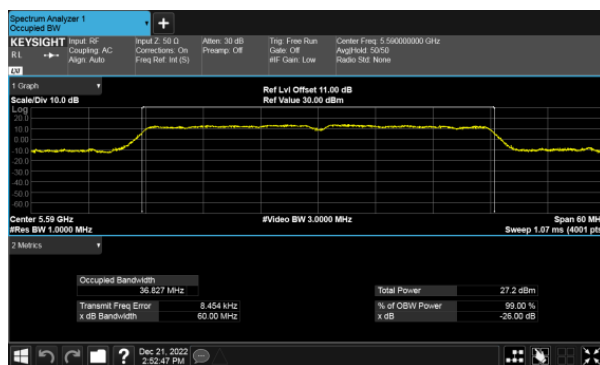


ANT A

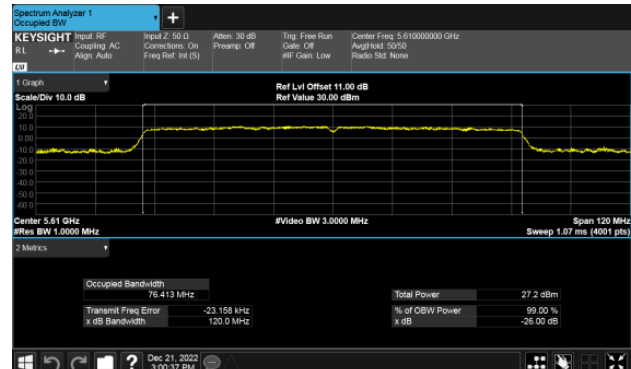
99% Bandwidth Band 3

Modulation Type: 802.11ac VHT40 (13.5Mbps)  
CH102Modulation Type: 802.11ac VHT80 (29.3Mbps)  
CH106

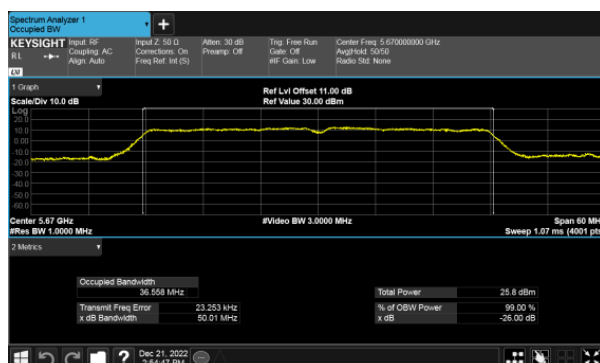
CH118



CH122

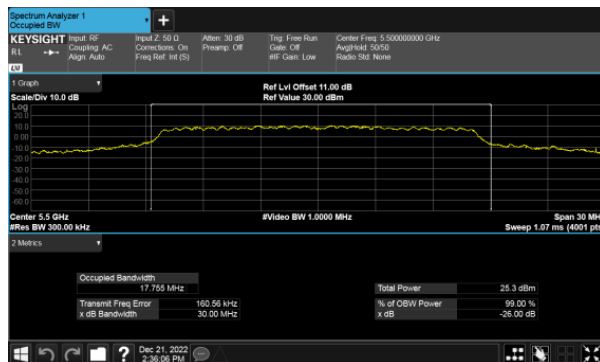


CH134

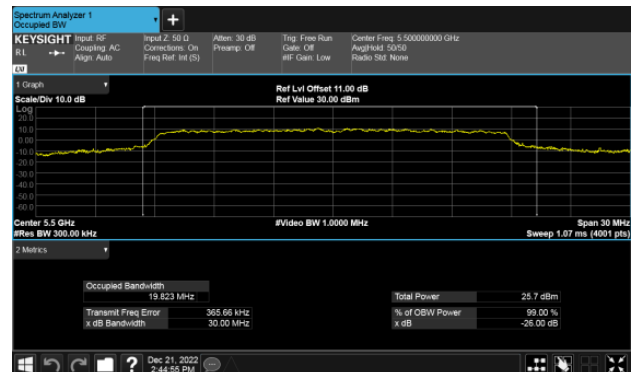




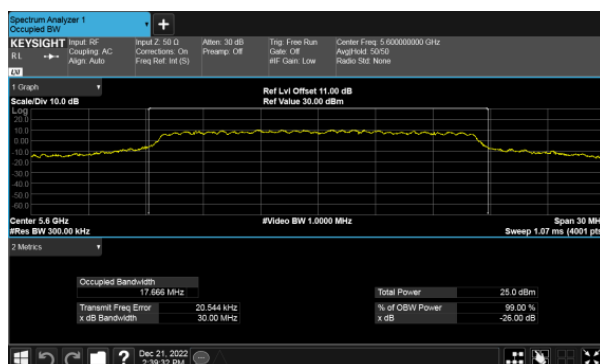
ANT B  
99% Bandwidth Band 3  
Modulation Type: 802.11a (6Mbps)  
CH100



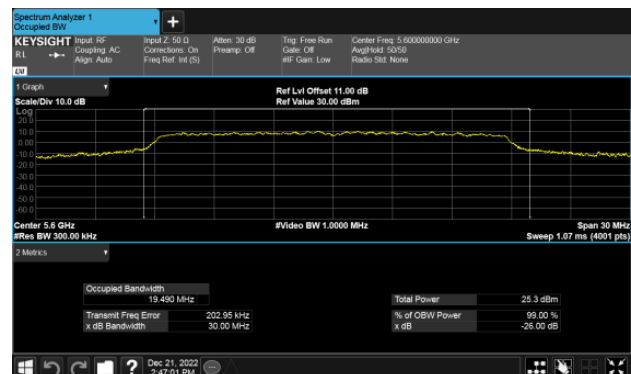
802.11ac VHT20 (6.5Mbps)  
CH100



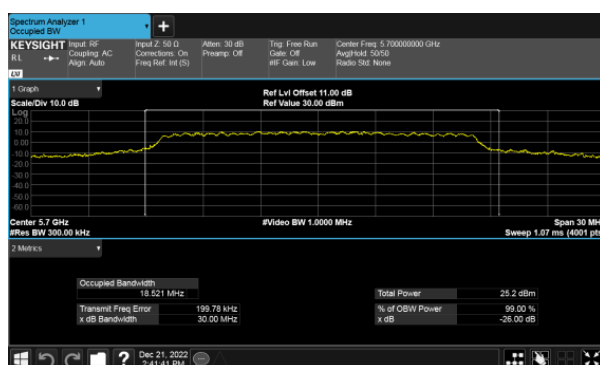
CH120



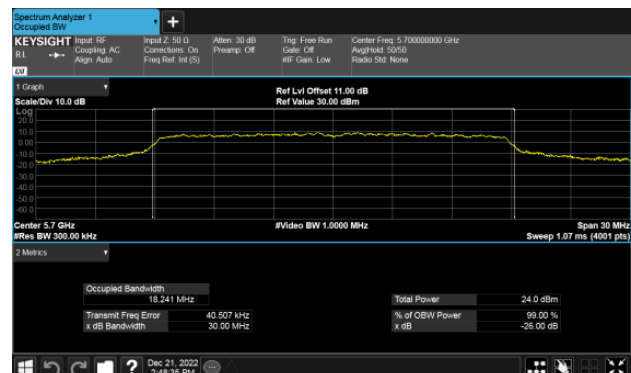
CH120



CH140



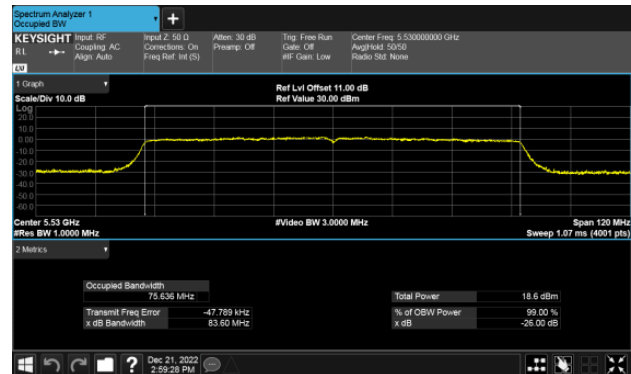
CH140



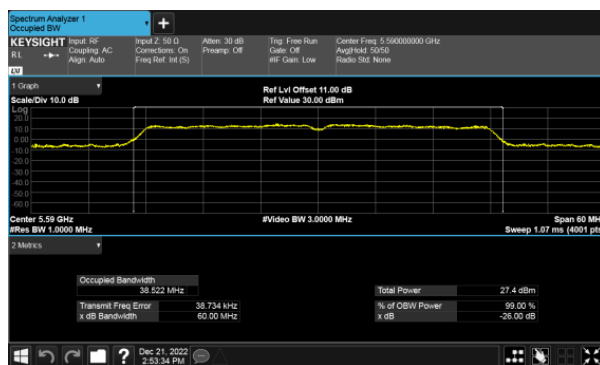


ANT B

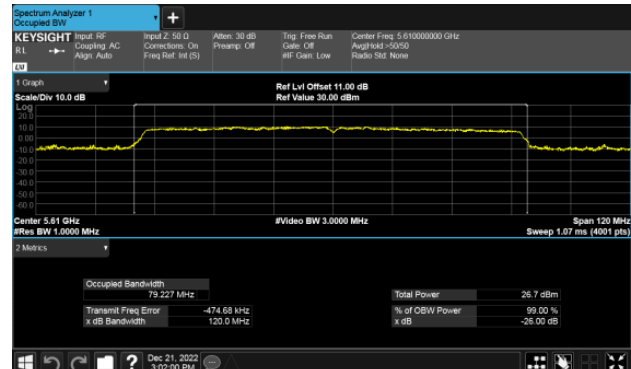
99% Bandwidth Band 3

Modulation Type: 802.11ac VHT40 (13.5Mbps)  
CH102Modulation Type: 802.11ac VHT80 (29.3Mbps)  
CH106

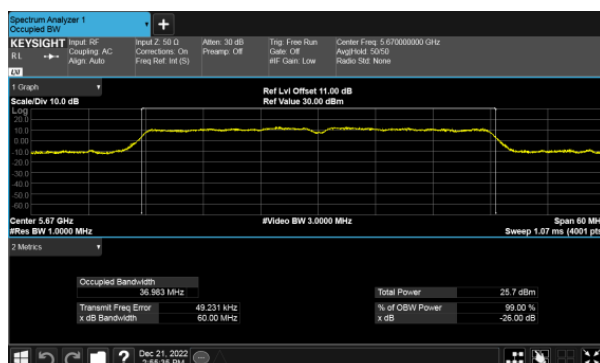
CH118



CH122



CH134

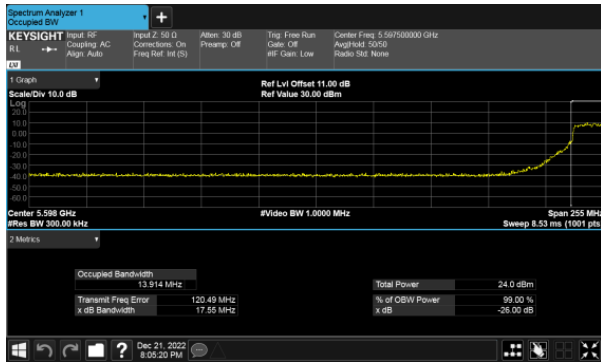




99% Bandwidth ANT A

Within 5470-5725MHz Band, Straddle Channel

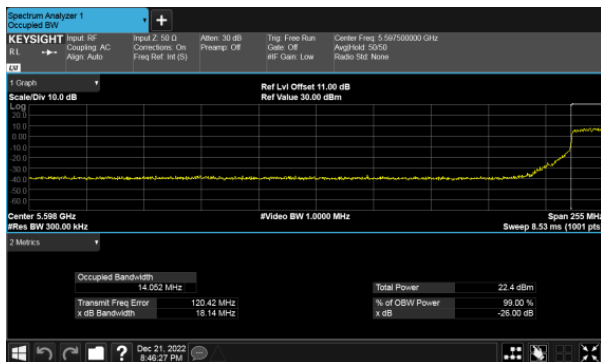
Modulation Type: 802.11a (6Mbps)  
CH144



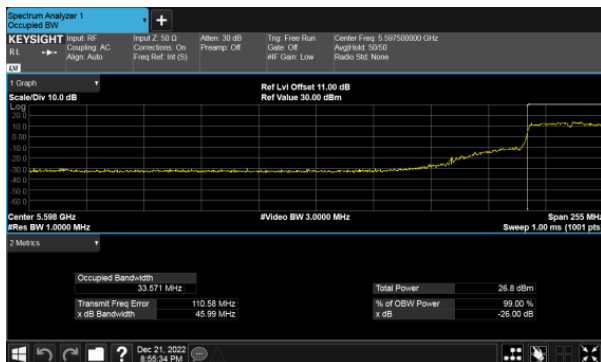
802.11ac VHT80 (29.3Mbps)  
CH138



802.11ac VHT20 (6.5Mbps)  
CH144



02.11ac VHT40 (29.3Mbps)  
CH142

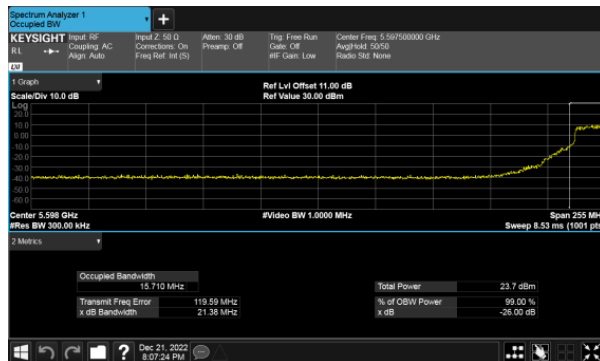




99% Bandwidth ANT B

Within 5470-5725MHz Band, Straddle Channel

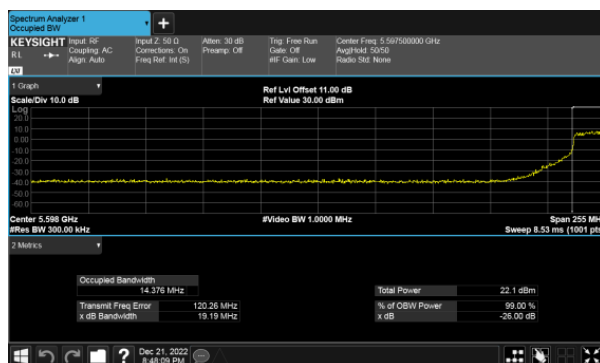
Modulation Type: 802.11a (6Mbps)  
CH144



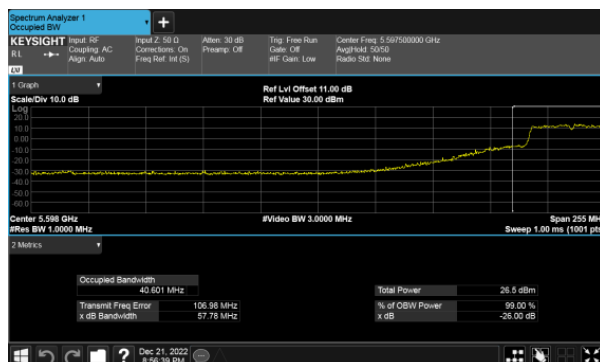
802.11ac VHT80 (29.3Mbps)  
CH138



802.11ac VHT20 (6.5Mbps)  
CH144



02.11ac VHT40 (29.3Mbps)  
CH142





## 10. Average Power

### 10.1. Test Limit

#### Output Power:

| Frequency Band                      |                                    | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | 5.15~5.25GHz                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                     | Operating Mode                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <input type="checkbox"/>            | Outdoor access point               | The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm) provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30degrees as measured from the horizon must not exceed 125 mW (21 dBm).                       |
| <input type="checkbox"/>            | Indoor access point                | The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm) provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.                                                                                                                                                 |
| <input type="checkbox"/>            | Fixed point-to-point access points | The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm). Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. |
| <input checked="" type="checkbox"/> | client devices                     | The maximum conducted output power over the frequency band of operation shall not exceed 250 mW (24dBm) provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.                                                                                                                                              |



| Frequency Band                      |                 | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | 5.25-5.35 GHz   | The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW (24dBm) or 11 dBm 10 log B, where B is the 26 dB emission bandwidth in megahertz. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.                                                                                                                       |
| <input checked="" type="checkbox"/> | 5.470-5.725 GHz |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <input checked="" type="checkbox"/> | 5.725~5.85 GHz  | The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm). If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. |

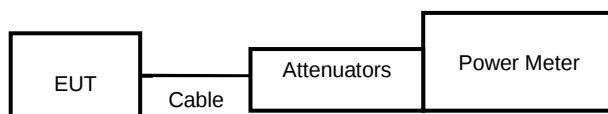
## 10.2.Test Procedure

According to the methods defined in ANSI C63.10-2013 Section 12.3

The transmitter output is connected to a power meter.

The cable assembly insertion loss of 11 dB (including 10 dB pad and 1 dB cable) was entered as an offset in the power meter to allow for direct reading of power.

## 10.3.Test Setup Layout





## 10.4. Test Result and Data

In the 5.2G Band

| Modulation Type | Data Rate | Setting | Channel | Frequency (MHz) | Measured value of each antenna port (dBm) |       | Total power (dBm) | Total power (mW) | FCC Limit (dBm) |
|-----------------|-----------|---------|---------|-----------------|-------------------------------------------|-------|-------------------|------------------|-----------------|
|                 |           |         |         |                 | ANT A                                     | ANT B |                   |                  |                 |
| 11a             | 6 Mbps    | 15.5    | 36      | 5180            | 15.82                                     | 15.66 | 18.75             | 75.007           | 24.00           |
| 11a             | 6 Mbps    | 16      | 40      | 5200            | 16.08                                     | 16.15 | 19.13             | 81.761           | 24.00           |
| 11a             | 6 Mbps    | 16      | 48      | 5240            | 15.77                                     | 15.98 | 18.89             | 77.385           | 24.00           |
| 11ac VHT20      | NSS1-MCS0 | 16      | 36      | 5180            | 16.05                                     | 16.34 | 19.21             | 83.324           | 24.00           |
| 11ac VHT20      | NSS1-MCS0 | 16      | 40      | 5200            | 16.15                                     | 16.25 | 19.21             | 83.379           | 24.00           |
| 11ac VHT20      | NSS1-MCS0 | 16      | 48      | 5240            | 15.81                                     | 15.86 | 18.85             | 76.654           | 24.00           |
| 11ac VHT40      | NSS1-MCS0 | 11      | 38      | 5190            | 10.92                                     | 10.63 | 13.79             | 23.921           | 24.00           |
| 11ac VHT40      | NSS1-MCS0 | 16      | 46      | 5230            | 15.52                                     | 15.63 | 18.59             | 72.205           | 24.00           |
| 11ac VHT80      | NSS1-MCS0 | 10.5    | 42      | 5210            | 10.03                                     | 10.23 | 13.14             | 20.613           | 24.00           |

In the 5.3G Band

| Modulation Type | Data Rate | Setting | Channel | Frequency (MHz) | Measured value of each antenna port (dBm) |       | Total power (dBm) | Total power (mW) | FCC Limit (dBm) |
|-----------------|-----------|---------|---------|-----------------|-------------------------------------------|-------|-------------------|------------------|-----------------|
|                 |           |         |         |                 | ANT A                                     | ANT B |                   |                  |                 |
| 11a             | 6 Mbps    | 16.5    | 52      | 5260            | 16.49                                     | 16.34 | 19.43             | 87.618           | 24.00           |
| 11a             | 6 Mbps    | 16.5    | 60      | 5300            | 16.59                                     | 16.39 | 19.50             | 89.155           | 24.00           |
| 11a             | 6 Mbps    | 17      | 64      | 5320            | 17.29                                     | 16.43 | 19.89             | 97.534           | 24.00           |
| 11ac VHT20      | NSS1-MCS0 | 17      | 52      | 5260            | 16.97                                     | 16.57 | 19.78             | 95.168           | 24.00           |
| 11ac VHT20      | NSS1-MCS0 | 17      | 60      | 5300            | 17.08                                     | 16.79 | 19.95             | 98.803           | 24.00           |
| 11ac VHT20      | NSS1-MCS0 | 17      | 64      | 5320            | 16.55                                     | 17.11 | 19.85             | 96.590           | 24.00           |
| 11ac VHT40      | NSS1-MCS0 | 16.5    | 54      | 5270            | 16.16                                     | 16.04 | 19.11             | 81.484           | 24.00           |
| 11ac VHT40      | NSS1-MCS0 | 12      | 62      | 5310            | 10.52                                     | 11.06 | 13.81             | 24.036           | 24.00           |
| 11ac VHT80      | NSS1-MCS0 | 9.5     | 58      | 5290            | 9.42                                      | 8.77  | 12.12             | 16.283           | 24.00           |



## In the 5.5G Band

| Modulation Type | Data Rate | Setting | Channel | Frequency (MHz) | Measured value of each antenna port (dBm) |       | Total power (dBm) | Total power (mW) | FCC Limit (dBm) |
|-----------------|-----------|---------|---------|-----------------|-------------------------------------------|-------|-------------------|------------------|-----------------|
|                 |           |         |         |                 | ANT A                                     | ANT B |                   |                  |                 |
| 11a             | 6 Mbps    | 17.5    | 100     | 5500            | 17.71                                     | 17.31 | 20.52             | 112.847          | 24.00           |
| 11a             | 6 Mbps    | 17.5    | 120     | 5600            | 17.55                                     | 17.01 | 20.30             | 107.120          | 24.00           |
| 11a             | 6 Mbps    | 17      | 140     | 5700            | 16.89                                     | 16.95 | 19.93             | 98.410           | 24.00           |
| 11ac VHT20      | NSS1-MCS0 | 18      | 100     | 5500            | 18.12                                     | 17.91 | 21.03             | 126.665          | 24.00           |
| 11ac VHT20      | NSS1-MCS0 | 17.5    | 120     | 5600            | 18.02                                     | 17.44 | 20.75             | 118.850          | 24.00           |
| 11ac VHT20      | NSS1-MCS0 | 17      | 140     | 5700            | 16.35                                     | 16.21 | 19.29             | 84.935           | 24.00           |
| 11ac VHT40      | NSS1-MCS0 | 12.5    | 102     | 5510            | 12.80                                     | 11.92 | 15.39             | 34.614           | 24.00           |
| 11ac VHT40      | NSS1-MCS0 | 16.5    | 118     | 5590            | 16.05                                     | 17.45 | 19.82             | 95.862           | 24.00           |
| 11ac VHT40      | NSS1-MCS0 | 16.5    | 134     | 5670            | 15.23                                     | 15.29 | 18.27             | 67.149           | 24.00           |
| 11ac VHT80      | NSS1-MCS0 | 10.5    | 106     | 5530            | 9.71                                      | 9.81  | 12.77             | 18.926           | 24.00           |
| 11ac VHT80      | NSS1-MCS0 | 16.5    | 122     | 5610            | 16.27                                     | 16.48 | 19.39             | 86.827           | 24.00           |

## In the 5.8G Band

| Modulation Type | Data Rate | Setting | Channel | Frequency (MHz) | Measured value of each antenna port (dBm) |       | Total power (dBm) | Total power (mW) | FCC Limit (dBm) |
|-----------------|-----------|---------|---------|-----------------|-------------------------------------------|-------|-------------------|------------------|-----------------|
|                 |           |         |         |                 | ANT A                                     | ANT B |                   |                  |                 |
| 11a             | 6 Mbps    | 16.5    | 149     | 5745            | 15.55                                     | 15.65 | 18.61             | 72.620           | 30.00           |
| 11a             | 6 Mbps    | 16      | 157     | 5785            | 15.00                                     | 15.22 | 18.12             | 64.889           | 30.00           |
| 11a             | 6 Mbps    | 15.5    | 165     | 5825            | 14.73                                     | 14.84 | 17.80             | 60.196           | 30.00           |
| 11ac VHT20      | NSS1-MCS0 | 16.5    | 149     | 5745            | 15.82                                     | 16.10 | 18.97             | 78.932           | 30.00           |
| 11ac VHT20      | NSS1-MCS0 | 16      | 157     | 5785            | 15.21                                     | 15.87 | 18.56             | 71.826           | 30.00           |
| 11ac VHT20      | NSS1-MCS0 | 15.5    | 165     | 5825            | 14.76                                     | 14.87 | 17.83             | 60.613           | 30.00           |
| 11ac VHT40      | NSS1-MCS0 | 15.5    | 151     | 5755            | 14.64                                     | 14.42 | 17.54             | 56.777           | 30.00           |
| 11ac VHT40      | NSS1-MCS0 | 15      | 159     | 5795            | 13.94                                     | 14.35 | 17.16             | 52.001           | 30.00           |
| 11ac VHT80      | NSS1-MCS0 | 15.5    | 155     | 5775            | 14.66                                     | 14.57 | 17.63             | 57.883           | 30.00           |



| Modulation Type              | Data Rate | Setting | Channel | Frequency (MHz) | Avg Power Output (dBm) |       | Total Power |
|------------------------------|-----------|---------|---------|-----------------|------------------------|-------|-------------|
|                              |           |         |         |                 | ANT A                  | ANT B | (dBm)       |
| Meter power (for full power) |           |         |         |                 |                        |       |             |
| 11a                          | 6 Mbps    | 17      | Ch144   | 5720MHz         | 16.41                  | 16.32 | 19.38       |
| 11ac VHT20                   | NSS1-MCS0 | 17      | Ch144   | 5720MHz         | 16.52                  | 16.33 | 19.44       |
| 11ac VHT40                   | NSS1-MCS0 | 16      | Ch142   | 5710MHz         | 14.98                  | 15.01 | 18.01       |
| 11ac VHT80                   | NSS1-MCS0 | 16.5    | Ch138   | 5690MHz         | 15.88                  | 15.85 | 18.88       |

Note: Average power is for reference only.

| FCC Maximum Conducted Output Power (Within 5470-5725MHz band)<br>RF Output Power(dBm) |                 |           |                 |                                                              |       |
|---------------------------------------------------------------------------------------|-----------------|-----------|-----------------|--------------------------------------------------------------|-------|
| Setting                                                                               | Modulation Type | Data Rate | Frequency (MHz) | W/O Duty Factor<br>Measured value of each antenna port (dBm) |       |
|                                                                                       |                 |           |                 | ANT A                                                        | ANT B |
| 17                                                                                    | 11a             | 6M        | 5720            | 14.35                                                        | 14.30 |
| 17                                                                                    | 11ac VHT20      | NSS1-MCS0 | 5720            | 18.84                                                        | 18.62 |
| 16                                                                                    | 11ac VHT40      | NSS1-MCS0 | 5710            | 14.59                                                        | 14.78 |
| 16.5                                                                                  | 11ac VHT80      | NSS1-MCS0 | 5690            | 14.92                                                        | 15.10 |

| Setting | Modulation Type | W/O duty factor Total power (dBm) | Duty Factor (dB) | With duty factor Total power (mW) | With duty factor Total power (dBm) | FCC Limit (dBm) |
|---------|-----------------|-----------------------------------|------------------|-----------------------------------|------------------------------------|-----------------|
| 17      | 11a             | 17.34                             | 0.00             | 54.142                            | 17.34                              | 23.99           |
| 17      | 11ac VHT20      | 21.74                             | 0.00             | 149.338                           | 21.74                              | 23.51           |
| 16      | 11ac VHT40      | 17.70                             | 0.14             | 60.762                            | 17.84                              | 24.00           |
| 16.5    | 11ac VHT80      | 18.02                             | 0.31             | 68.096                            | 18.33                              | 24.00           |



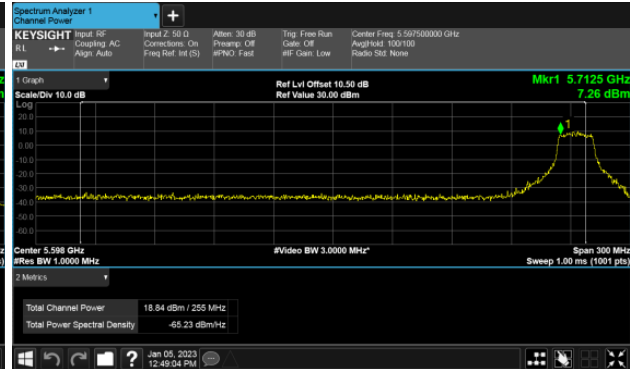
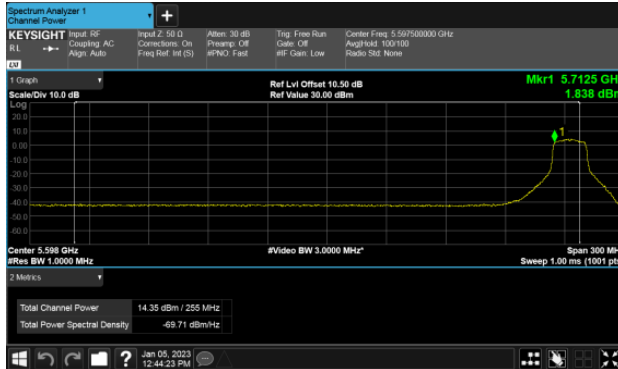
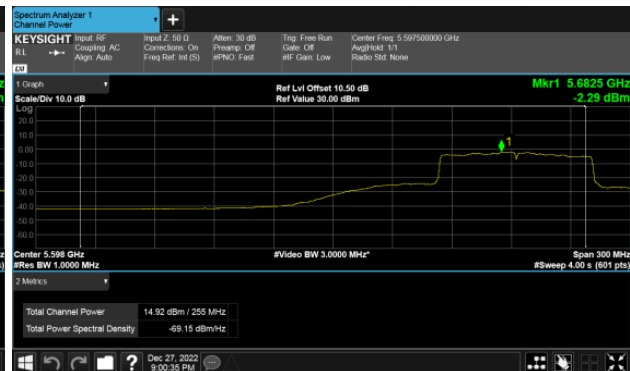
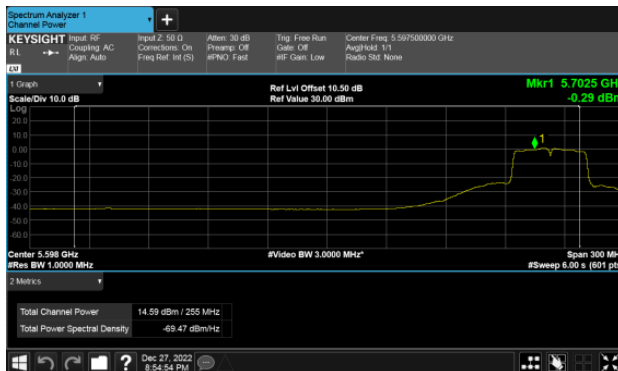
| FCC Maximum Conducted Output Power (Extends across 5725MHz band)<br>RF Output Power(dBm) |                 |           |                 |                                                              |       |
|------------------------------------------------------------------------------------------|-----------------|-----------|-----------------|--------------------------------------------------------------|-------|
| Channel                                                                                  | Modulation Type | Data Rate | Frequency (MHz) | W/O Duty Factor<br>Measured value of each antenna port (dBm) |       |
|                                                                                          |                 |           |                 | ANT A                                                        | ANT B |
| 144                                                                                      | 11a             | 6M        | 5720            | 7.31                                                         | 7.33  |
| 144                                                                                      | 11ac VHT20      | NSS1-MCS0 | 5720            | 11.86                                                        | 12.43 |
| 142                                                                                      | 11ac VHT40      | NSS1-MCS0 | 5710            | 3.37                                                         | 3.54  |
| 138                                                                                      | 11ac VHT80      | NSS1-MCS0 | 5690            | 0.18                                                         | 0.46  |

| Channel | Modulation Type | W/O duty factor Total power (dBm) | Duty Factor (dB) | With duty factor Total power (mW) | With duty factor Total power (dBm) | FCC Limit (dBm) |
|---------|-----------------|-----------------------------------|------------------|-----------------------------------|------------------------------------|-----------------|
| 144     | 11a             | 10.33                             | 0.00             | 10.790                            | 10.33                              | 30.00           |
| 144     | 11ac VHT20      | 15.16                             | 0.00             | 32.845                            | 15.16                              | 30.00           |
| 142     | 11ac VHT40      | 6.47                              | 0.14             | 4.577                             | 6.61                               | 30.00           |
| 138     | 11ac VHT80      | 3.33                              | 0.31             | 2.313                             | 3.64                               | 30.00           |



## ANT A

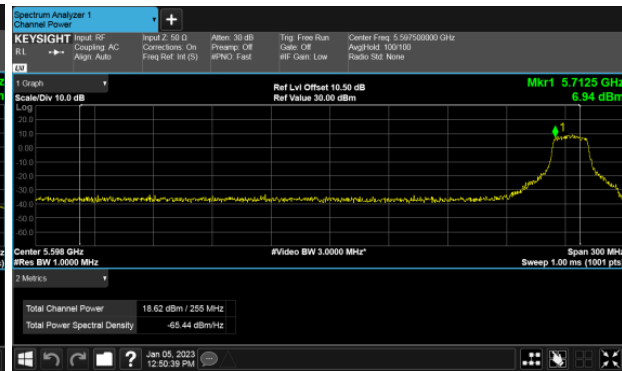
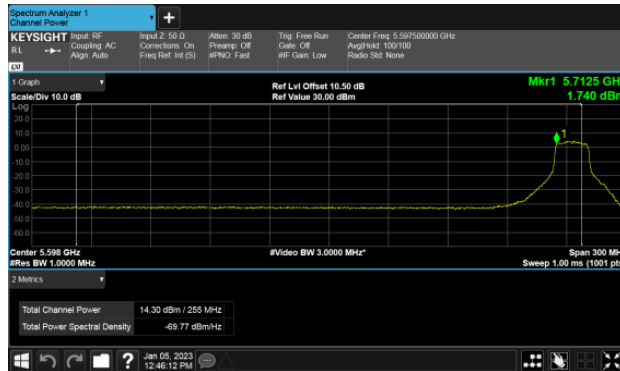
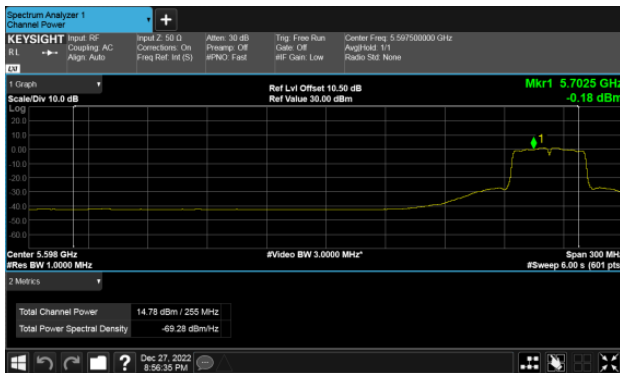
Within 5470-5725MHz Band, Straddle Channel

Modulation Type: 802.11a (6Mbps)  
CH144802.11ac VHT20 (6.5Mbps)  
CH144Modulation Type: 802.11ac VHT40 (13.5Mbps)  
CH142Modulation Type: 802.11ac VHT80 (29.3Mbps)  
CH138



## ANT B

Within 5470-5725MHz Band, Straddle Channel

Modulation Type: 802.11a (6Mbps)  
CH144802.11ac VHT20 (6.5Mbps)  
CH144Modulation Type: 802.11ac VHT40 (13.5Mbps)  
CH142Modulation Type: 802.11ac VHT80 (29.3Mbps)  
CH138



## ANT A

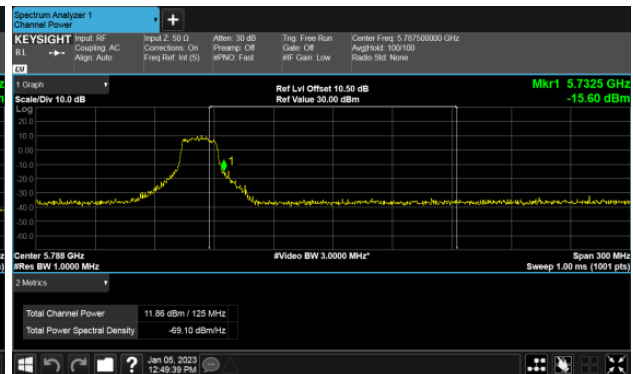
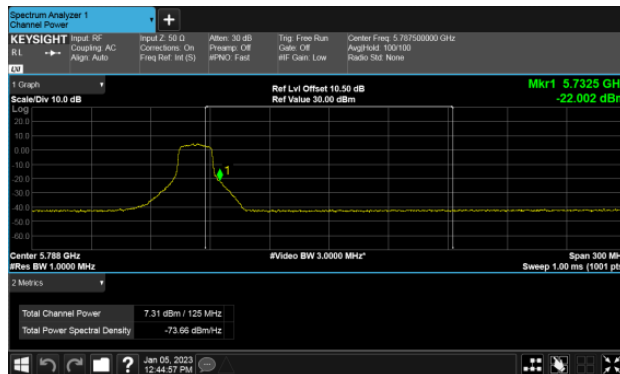
Extends across 5725MHz band, Straddle Channel

Modulation Type: 802.11a (6Mbps)

CH144

802.11ac VHT20 (6.5Mbps)

CH144

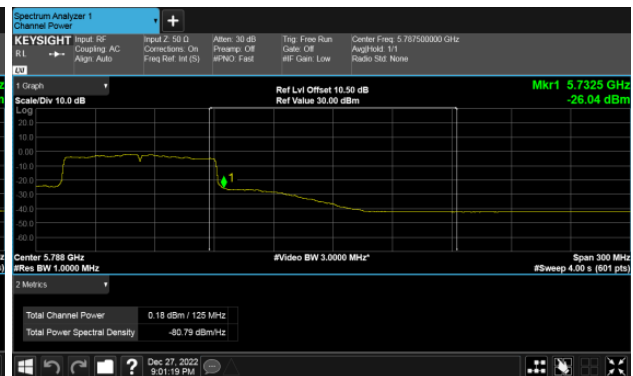
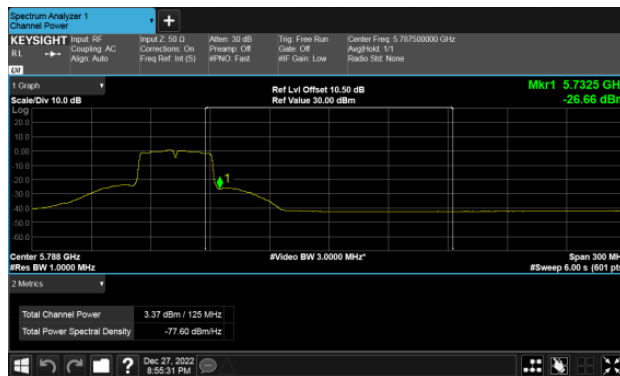


Modulation Type: 802.11ac VHT40 (13.5Mbps)

CH142

Modulation Type: 802.11ac VHT80 (29.3Mbps)

CH138





## ANT B

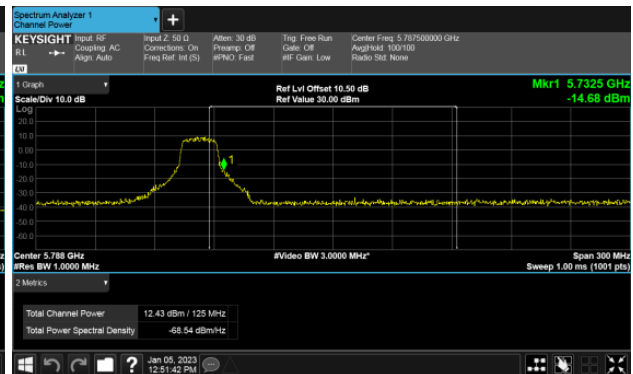
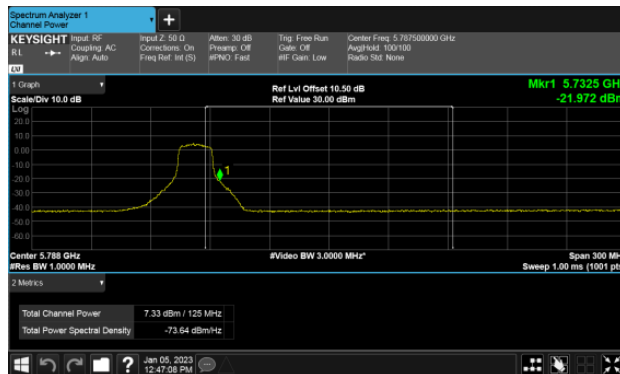
Extends across 5725MHz band, Straddle Channel

Modulation Type: 802.11a (6Mbps)

CH144

802.11ac VHT20 (6.5Mbps)

CH144

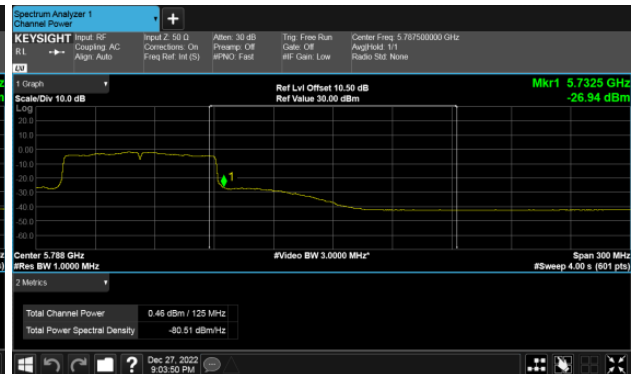


Modulation Type: 802.11ac VHT40 (13.5Mbps)

CH142

Modulation Type: 802.11ac VHT80 (29.3Mbps)

CH138





## 11. Power Spectral Density

### 11.1. Test Limit

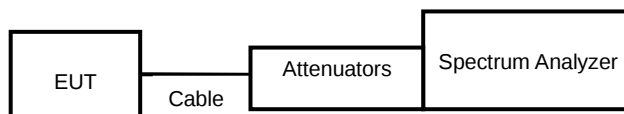
PSD:

| Frequency Band                      |                                    | Limit         |
|-------------------------------------|------------------------------------|---------------|
| <input checked="" type="checkbox"/> | 5.15~5.25GHz                       |               |
|                                     | Operating Mode                     |               |
| <input type="checkbox"/>            | Outdoor access point               | 17 dBm/MHz    |
| <input type="checkbox"/>            | Indoor access point                | 17 dBm/MHz    |
| <input type="checkbox"/>            | Fixed point-to-point access points | 17 dBm/MHz    |
| <input checked="" type="checkbox"/> | Mobile and portable client devices | 11 dBm/MHz    |
| <input checked="" type="checkbox"/> | 5.725~5.85 GHz                     | 11 dBm/MHz    |
| <input checked="" type="checkbox"/> | 5.470-5.725 GHz                    | 11 dBm/MHz    |
| <input checked="" type="checkbox"/> | 5.725~5.85 GHz                     | 30 dBm/500kHz |

### 11.2. Test Procedure

Reference to KDB789033 D02 General UNII Test Procedures New Rules v02r01

### 11.3. Test Setup Layout





## 11.4. Test Result and Data

### In the 5.2G Band

| Modulation Type | Channel | Freq. (MHz) | Meas PSD (dBm/MHz) |       | Sum chain (dBm) | Duty Cycle CF(dB) | Total Corr'd PSD (dBm/MHz) | PSD Limit (dBm/MHz) |
|-----------------|---------|-------------|--------------------|-------|-----------------|-------------------|----------------------------|---------------------|
|                 |         |             | ANT A              | ANT B |                 |                   |                            |                     |
| 802.11a         | 36      | 5180        | 4.42               | 4.33  | 7.39            | 0.00              | 7.39                       | 10.37               |
|                 | 40      | 5200        | 5.43               | 4.69  | 8.09            | 0.00              | 8.09                       | 10.37               |
|                 | 48      | 5240        | 4.46               | 4.55  | 7.51            | 0.00              | 7.51                       | 10.37               |
| 802.11ac VHT20  | 36      | 5180        | 4.47               | 4.54  | 7.51            | 0.00              | 7.51                       | 10.37               |
|                 | 40      | 5200        | 4.44               | 4.18  | 7.33            | 0.00              | 7.33                       | 10.37               |
|                 | 48      | 5240        | 4.04               | 3.96  | 7.01            | 0.00              | 7.01                       | 10.37               |
| 802.11ac VHT40  | 38      | 5190        | -3.31              | -3.16 | -0.23           | 0.14              | -0.09                      | 10.37               |
|                 | 46      | 5230        | 1.30               | 1.44  | 4.38            | 0.14              | 4.52                       | 10.37               |
| 802.11ac VHT80  | 42      | 5210        | -7.35              | -7.52 | -4.42           | 0.31              | -4.11                      | 10.37               |

### In the 5.3G Band

| Modulation Type | Channel | Freq. (MHz) | Meas PSD (dBm/MHz) |       | Sum chain (dBm) | Duty Cycle CF(dB) | Total Corr'd PSD (dBm/MHz) | PSD Limit (dBm/MHz) |
|-----------------|---------|-------------|--------------------|-------|-----------------|-------------------|----------------------------|---------------------|
|                 |         |             | ANT A              | ANT B |                 |                   |                            |                     |
| 802.11a         | 52      | 5260        | 5.02               | 5.12  | 8.08            | 0.00              | 8.08                       | 10.35               |
|                 | 60      | 5300        | 4.97               | 5.16  | 8.08            | 0.00              | 8.08                       | 10.35               |
|                 | 64      | 5320        | 5.17               | 5.62  | 8.41            | 0.00              | 8.41                       | 10.35               |
| 802.11ac VHT20  | 52      | 5260        | 5.06               | 5.05  | 8.07            | 0.00              | 8.07                       | 10.35               |
|                 | 60      | 5300        | 5.04               | 5.23  | 8.14            | 0.00              | 8.14                       | 10.35               |
|                 | 64      | 5320        | 4.63               | 5.28  | 7.98            | 0.00              | 7.98                       | 10.35               |
| 802.11ac VHT40  | 54      | 5270        | 1.89               | 1.96  | 4.93            | 0.14              | 5.07                       | 10.35               |
|                 | 62      | 5310        | -2.96              | -2.53 | 0.27            | 0.14              | 0.41                       | 10.35               |
| 802.11ac VHT80  | 58      | 5290        | -8.72              | -8.29 | -5.49           | 0.31              | -5.18                      | 10.35               |

**In the 5.5G Band**

| Modulation Type | Channel (MHz) | Frequency (MHz) | Meas PSD (dBm/MHz) |       | Sum chain (dBm) | Duty Cycle CF(dB) | Total Corr'd PSD (dBm/MHz) | PSD Limit (dBm/MHz) |
|-----------------|---------------|-----------------|--------------------|-------|-----------------|-------------------|----------------------------|---------------------|
|                 |               |                 | ANT A              | ANT B |                 |                   |                            |                     |
| 11a             | 100           | 5500            | 5.79               | 6.30  | 9.06            | 0.00              | 9.06                       | 10.30               |
|                 | 120           | 5600            | 6.01               | 6.43  | 9.23            | 0.00              | 9.23                       | 10.30               |
|                 | 140           | 5700            | 4.93               | 5.19  | 8.07            | 0.00              | 8.07                       | 10.30               |
|                 | 144           | 5720            | 4.94               | 5.01  | 7.99            | 0.00              | 7.99                       | 10.30               |
| 11ac VHT20      | 100           | 5500            | 5.90               | 6.55  | 9.25            | 0.00              | 9.25                       | 10.30               |
|                 | 120           | 5600            | 5.62               | 5.94  | 8.80            | 0.00              | 8.80                       | 10.30               |
|                 | 140           | 5700            | 4.79               | 4.70  | 7.76            | 0.00              | 7.76                       | 10.30               |
|                 | 144           | 5720            | 4.43               | 4.51  | 7.48            | 0.14              | 7.62                       | 10.30               |
| 11ac VHT40      | 102           | 5510            | -2.29              | -1.48 | 1.14            | 0.14              | 1.28                       | 10.30               |
|                 | 118           | 5590            | 1.51               | 2.27  | 4.92            | 0.14              | 5.06                       | 10.30               |
|                 | 134           | 5670            | 1.90               | 1.72  | 4.82            | 0.14              | 4.96                       | 10.30               |
|                 | 142           | 5710            | 0.71               | 0.97  | 3.85            | 0.14              | 3.99                       | 10.30               |
| 11ac VHT80      | 106           | 5530            | -7.58              | -6.75 | -4.13           | 0.31              | -3.82                      | 10.30               |
|                 | 122           | 5610            | -1.63              | -1.11 | 1.65            | 0.31              | 1.96                       | 10.30               |
|                 | 138           | 5690            | -1.93              | -1.80 | 1.15            | 0.31              | 1.46                       | 10.30               |

**In the 5.8G Band**

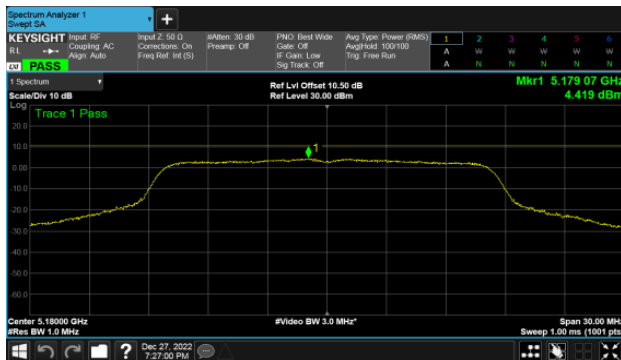
| Modulation Type | Channel (MHz) | Frequency (MHz) | Meas PSD (dBm/MHz) |       | Sum chain (dBm) | Duty Cycle CF(dB) | 10log(500KHz/RBW) CF (dB) | Total Corr'd PSD (dBm/500kHz) | PSD Limit (dBm/500kHz) |
|-----------------|---------------|-----------------|--------------------|-------|-----------------|-------------------|---------------------------|-------------------------------|------------------------|
|                 |               |                 | ANT A              | ANT B |                 |                   |                           |                               |                        |
| 11a             | 149           | 5745            | 4.33               | 4.36  | 7.35            | 0.00              | -3.01                     | 4.34                          | 29.69                  |
|                 | 157           | 5785            | 3.55               | 3.62  | 6.60            | 0.00              | -3.01                     | 3.59                          | 29.69                  |
|                 | 165           | 5825            | 3.05               | 3.26  | 6.17            | 0.00              | -3.01                     | 3.16                          | 29.69                  |
| 11ac VHT20      | 149           | 5745            | 3.98               | 3.85  | 6.92            | 0.00              | -3.01                     | 3.91                          | 29.69                  |
|                 | 157           | 5785            | 3.09               | 3.03  | 6.07            | 0.00              | -3.01                     | 3.06                          | 29.69                  |
|                 | 165           | 5825            | 2.60               | 2.74  | 5.68            | 0.00              | -3.01                     | 2.67                          | 29.69                  |
| 11ac VHT40      | 151           | 5755            | 0.21               | 0.14  | 3.18            | 0.14              | -3.01                     | 0.31                          | 29.69                  |
|                 | 159           | 5795            | -0.43              | -0.66 | 2.47            | 0.14              | -3.01                     | -0.40                         | 29.69                  |
| 11ac VHT80      | 155           | 5775            | -3.18              | -3.35 | -0.26           | 0.31              | -3.01                     | -2.96                         | 29.69                  |



B1, ANT A

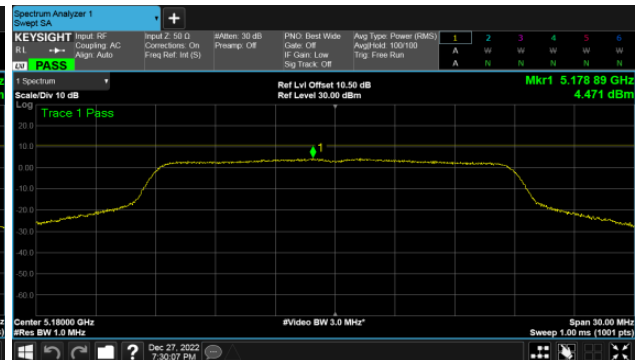
Modulation Type: 802.11a (6Mbps)

CH36

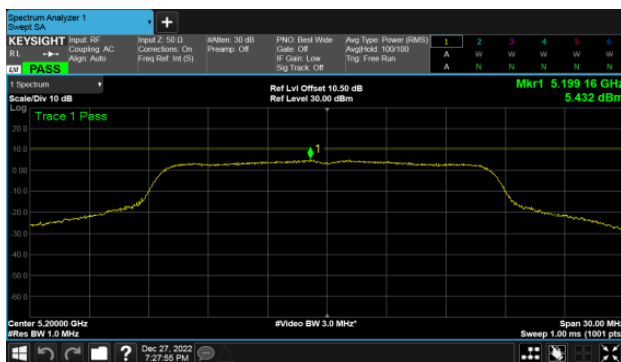


Modulation Type: 802.11ac VHT20 (6.5Mbps)

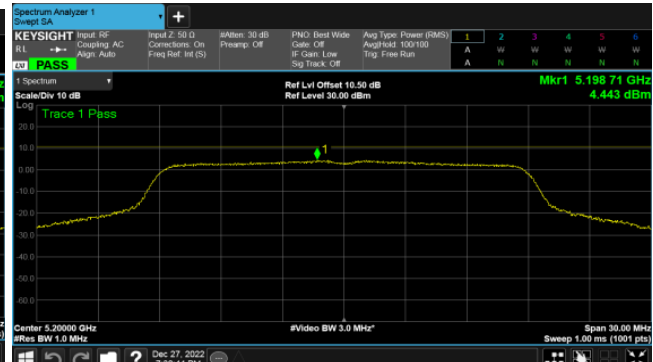
CH36



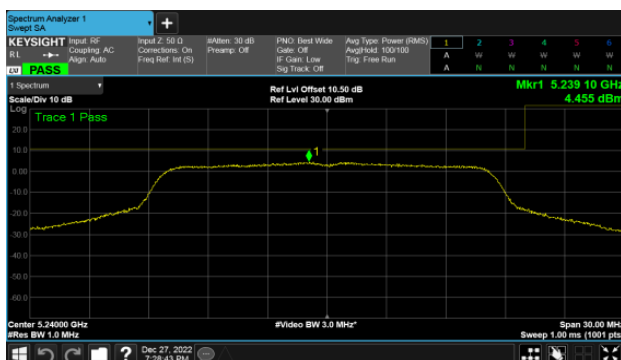
CH40



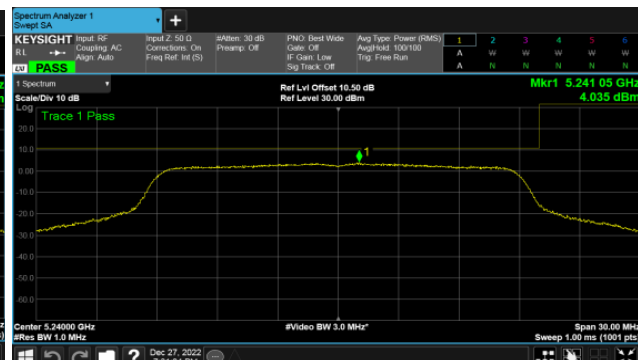
CH40



CH48



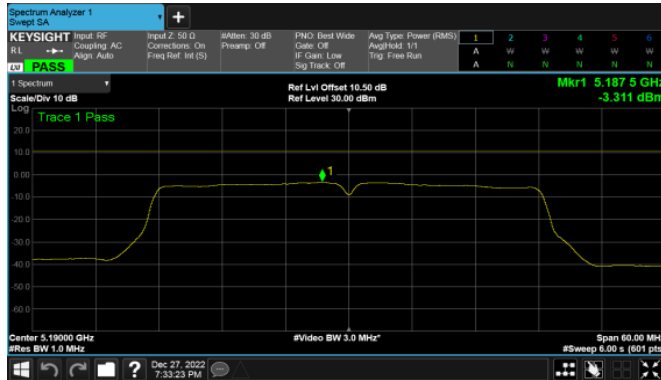
CH48





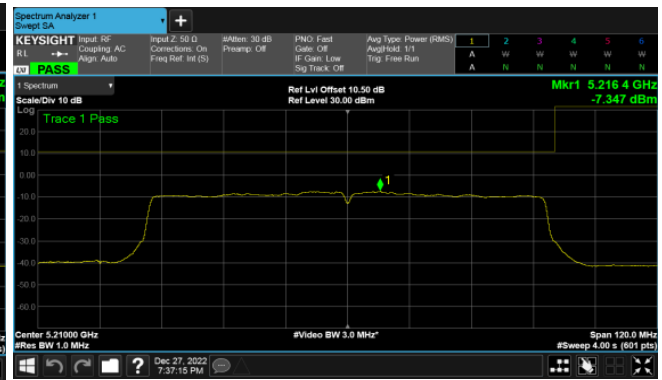
Modulation Type: 802.11ac VHT40 (13.5Mbps)

CH38



Modulation Type: 802.11ac VHT80 (29.3Mbps)

CH42



CH46

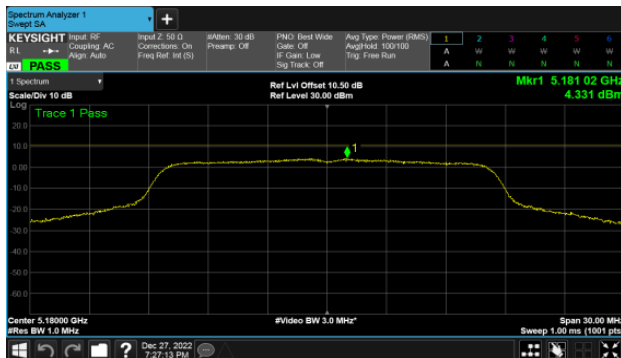




B1, ANT B

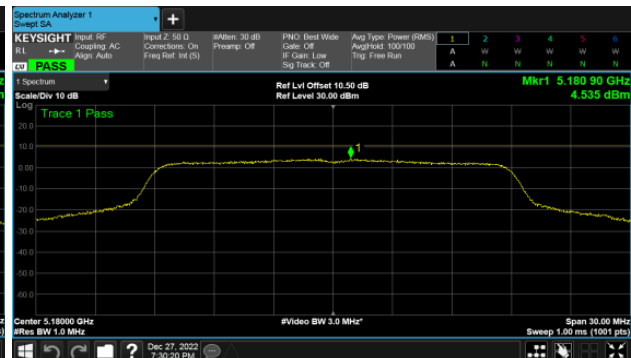
Modulation Type: 802.11a (6Mbps)

CH36

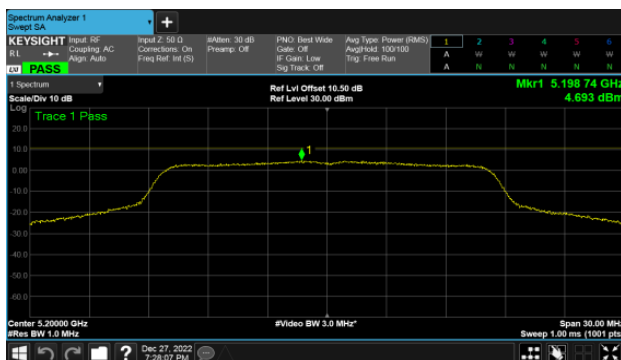


Modulation Type: 802.11ac VHT20 (6.5Mbps)

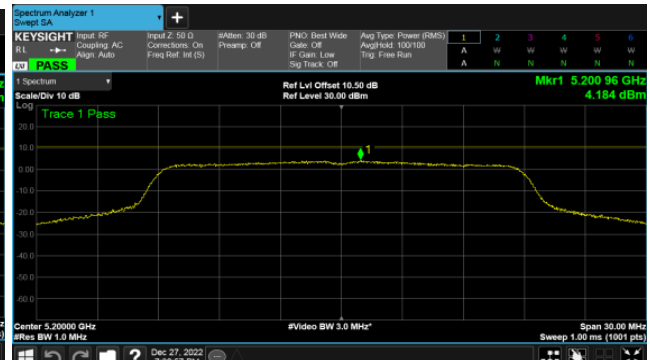
CH36



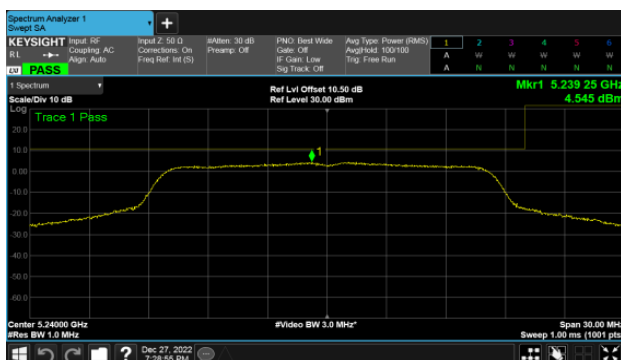
CH40



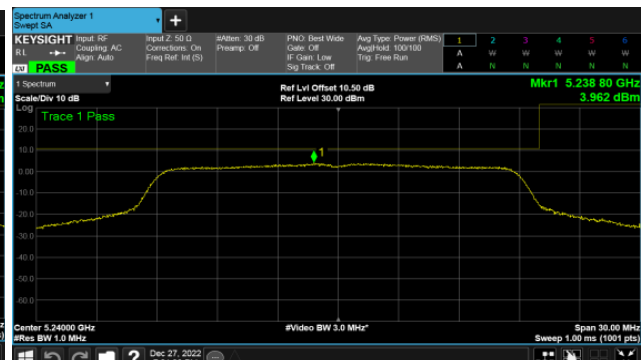
CH40



CH48



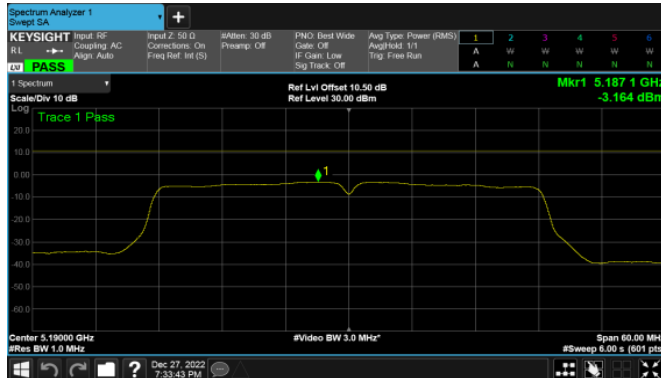
CH48





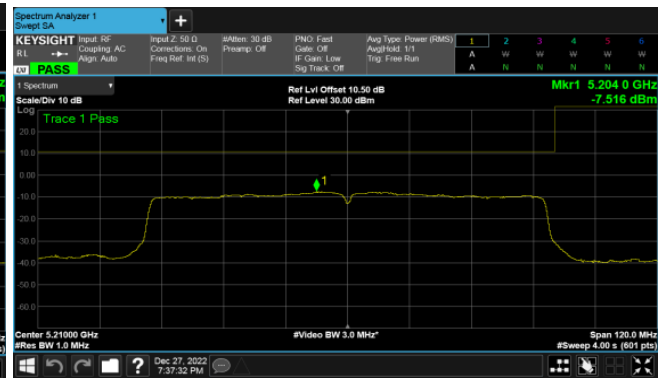
Modulation Type: 802.11ac VHT40 (13.5Mbps)

CH38

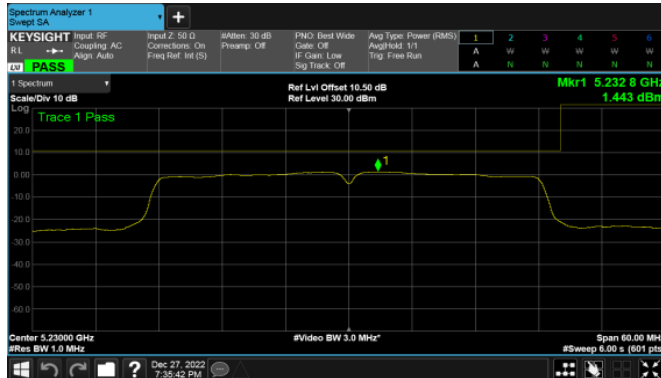


Modulation Type: 802.11ac VHT80 (29.3Mbps)

CH42



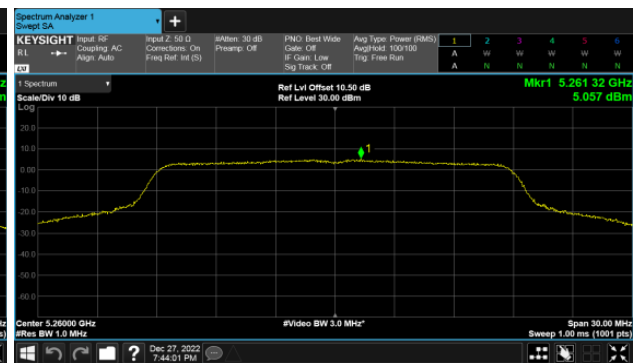
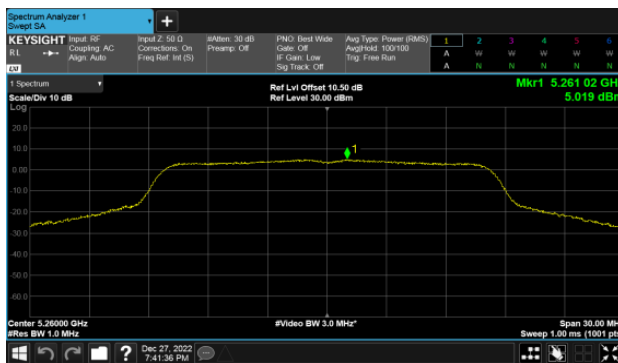
CH46





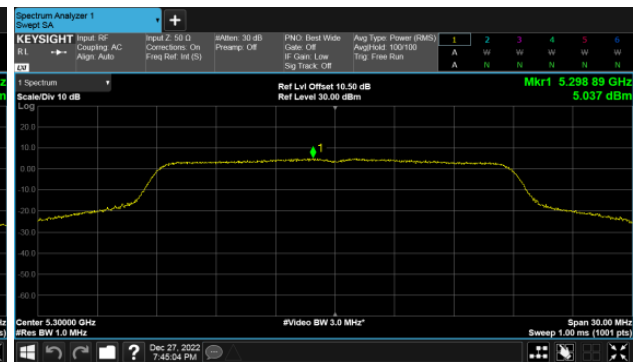
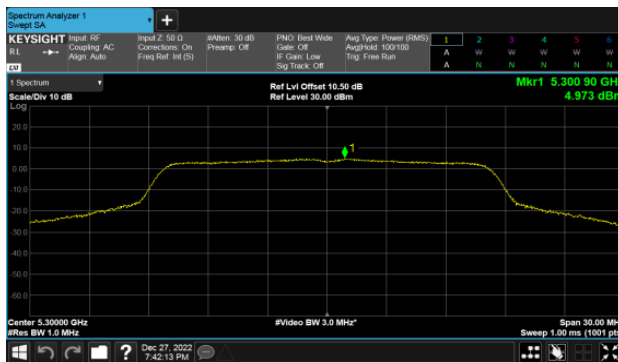
B2,ANT A  
Modulation Type: 802.11a (6Mbps)  
CH52

802.11ac VHT20 (6.5Mbps)  
CH52



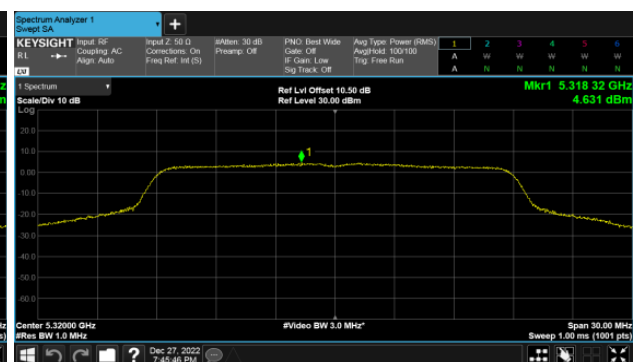
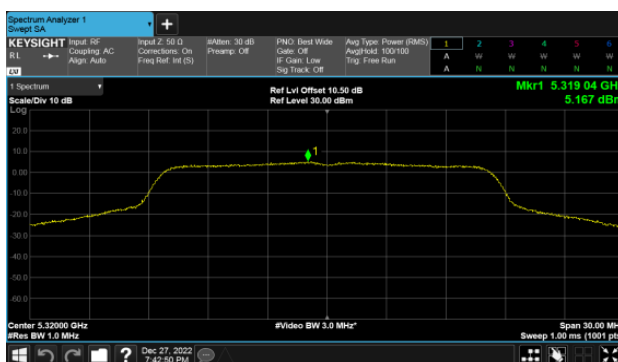
CH60

CH60



CH64

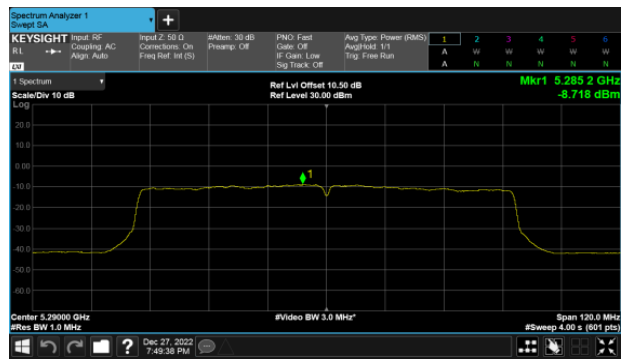
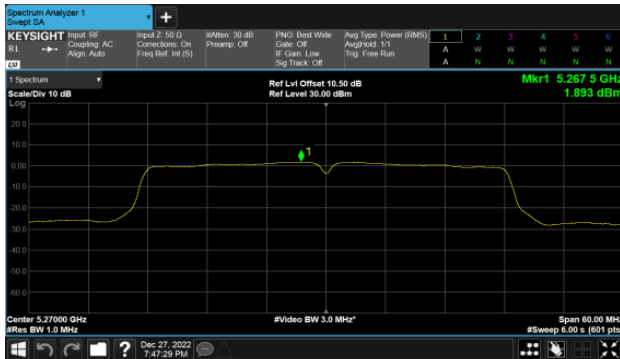
CH64



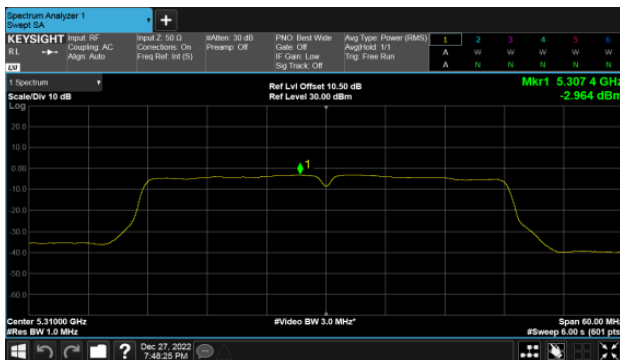


Modulation Type: 802.11ac VHT40 (13.5Mbps)  
CH54

Modulation Type: 802.11ac VHT80 (29.3Mbps)  
CH58



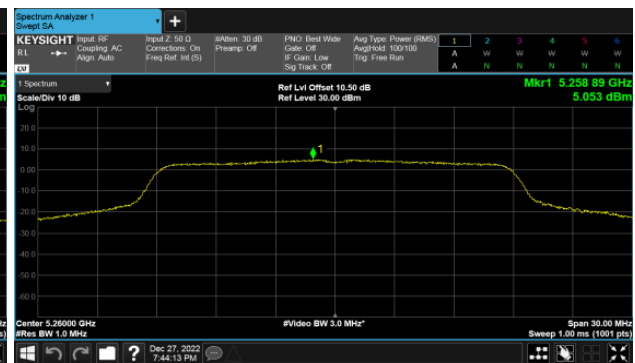
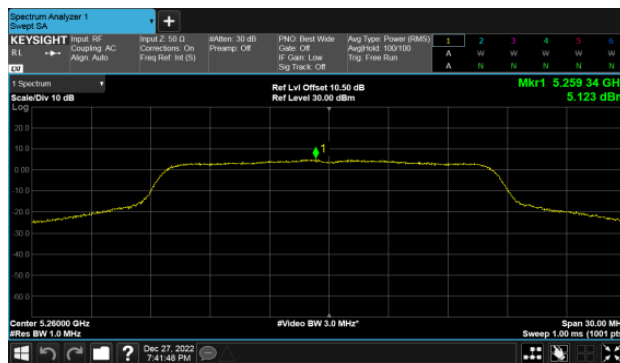
CH62





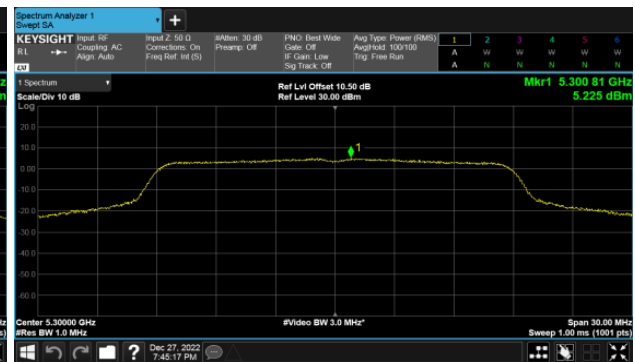
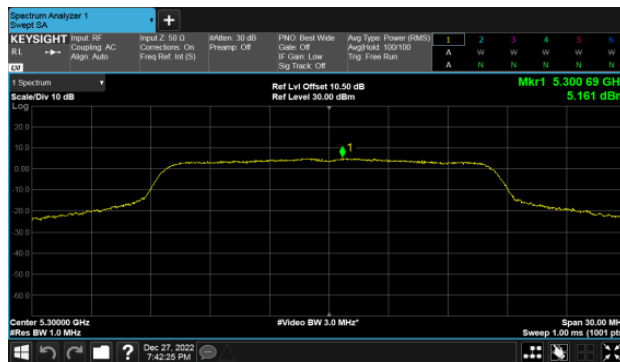
B2,ANT B  
Modulation Type: 802.11a (6Mbps)  
CH52

802.11ac VHT20 (6.5Mbps)  
CH52



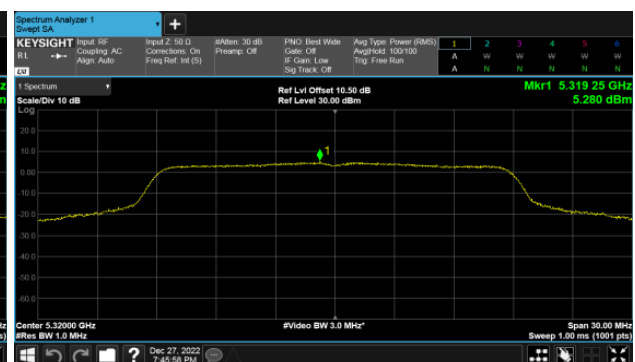
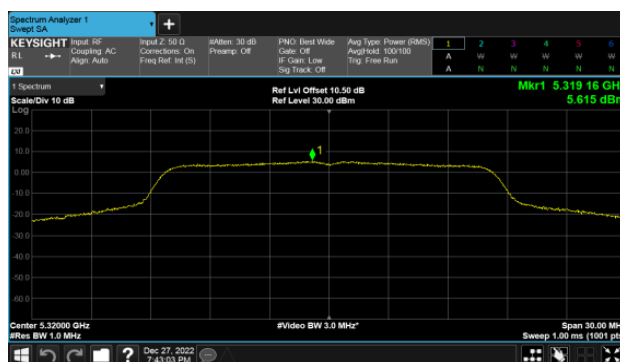
CH60

CH60



CH64

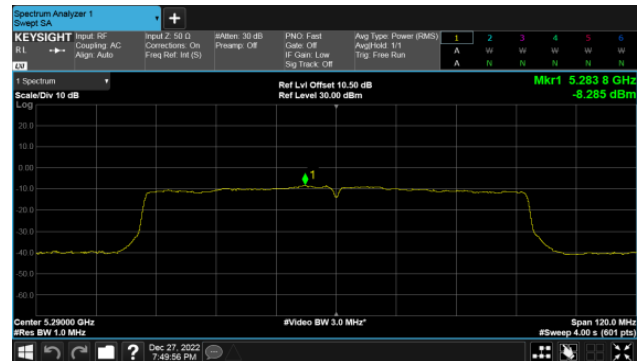
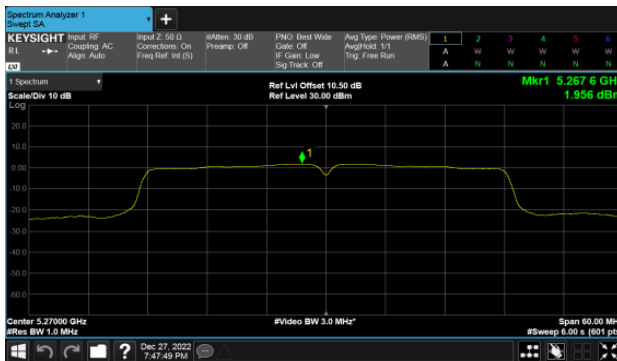
CH64



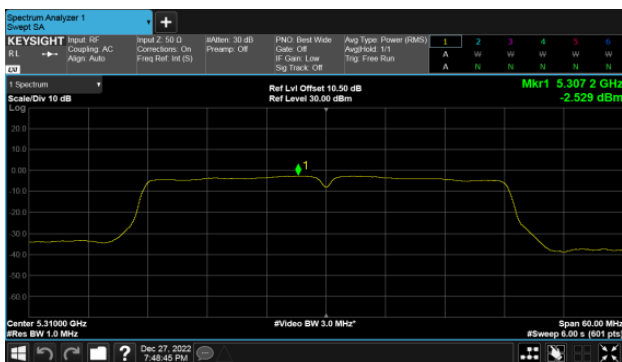


Modulation Type: 802.11ac VHT40 (13.5Mbps)  
CH54

Modulation Type: 802.11ac VHT80 (29.3Mbps)  
CH58

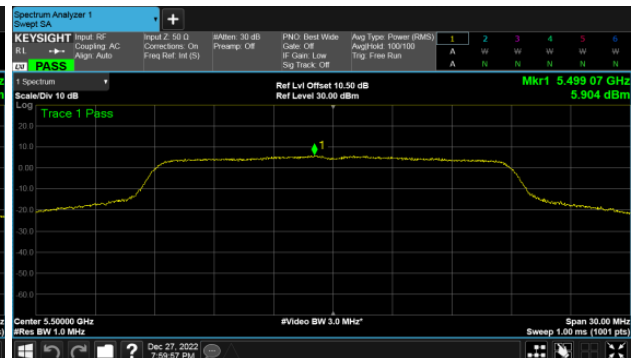
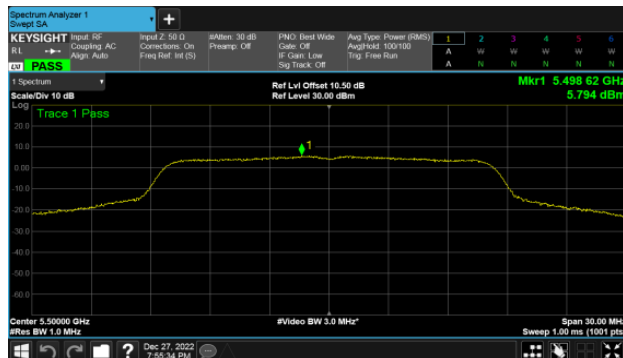


CH62



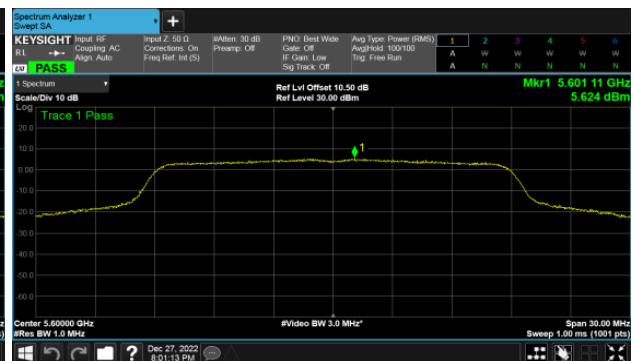
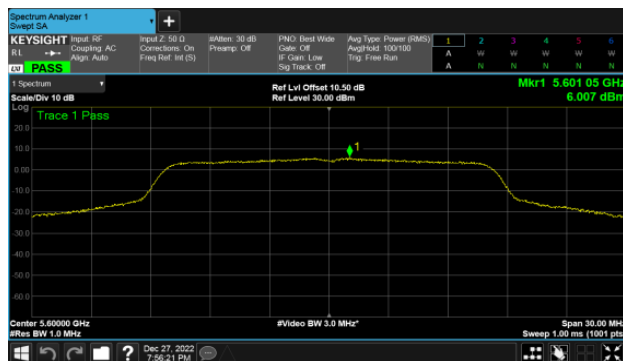


B3,ANT A

Modulation Type: 802.11a (6Mbps)  
CH100802.11ac VHT20 (6.5Mbps)  
CH100

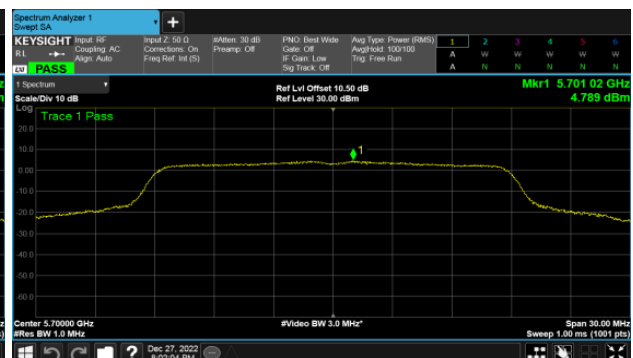
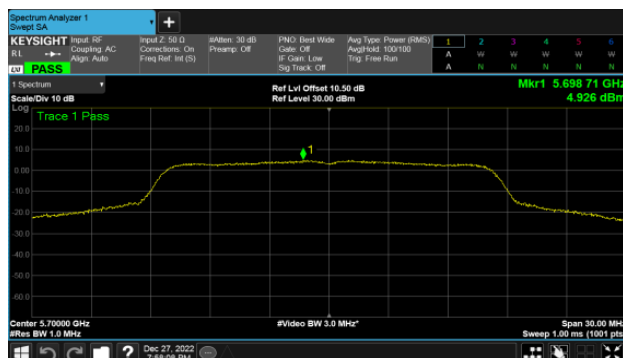
CH120

CH120



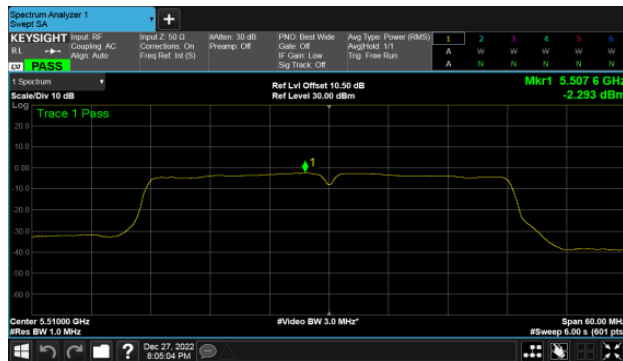
CH140

CH140

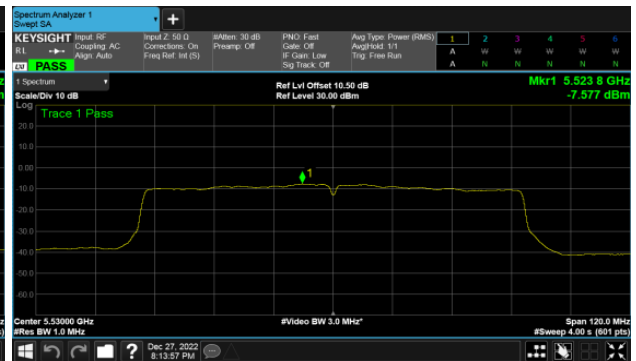




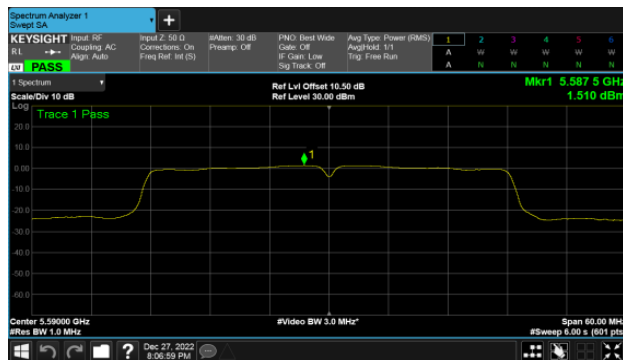
Modulation Type: 802.11ac VHT40 (13.5Mbps)  
CH102



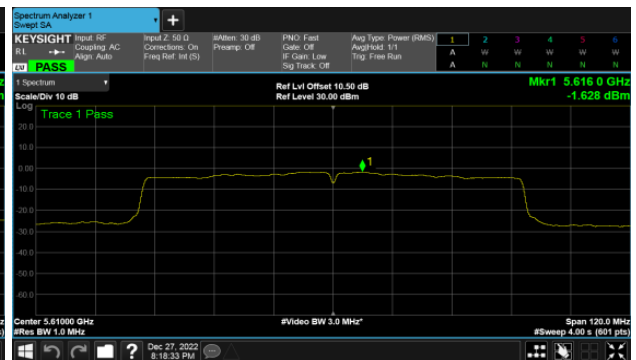
Modulation Type: 802.11ac VHT80 (29.3Mbps)  
CH106



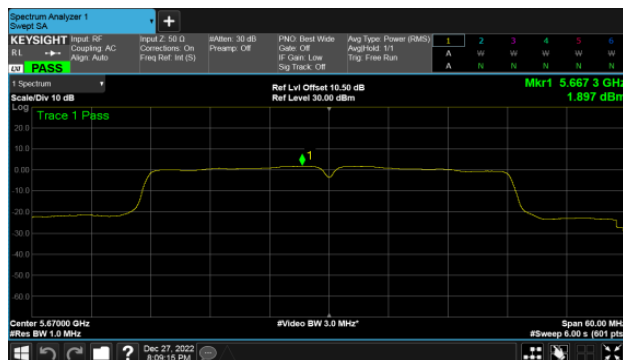
CH118



CH122

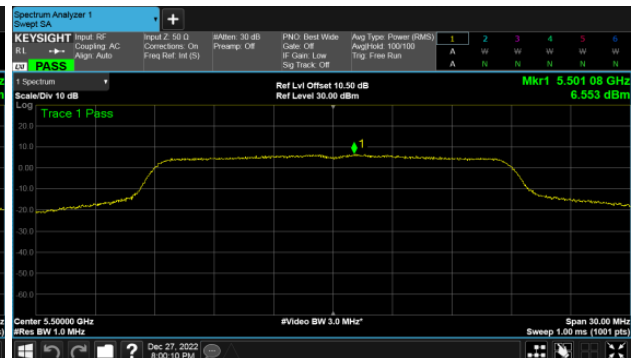
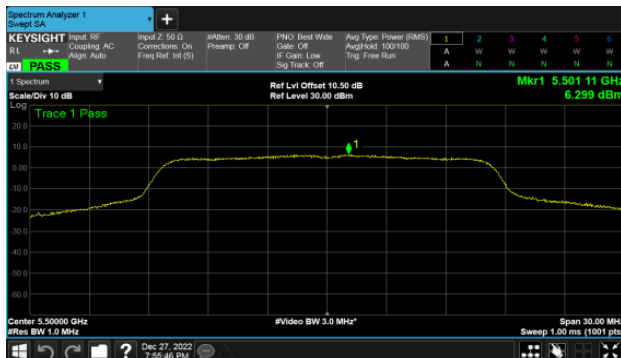


CH134



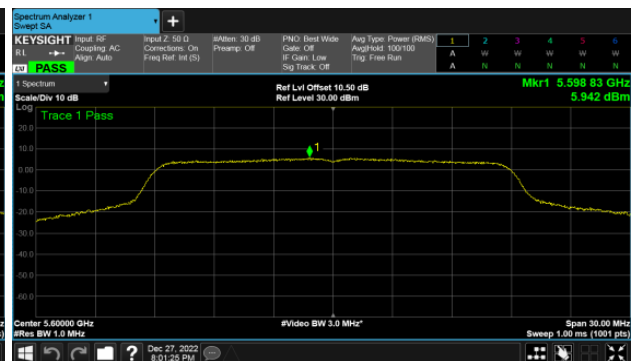
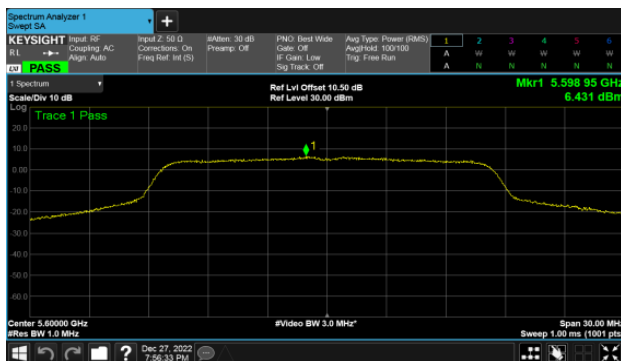


B3,ANT B

Modulation Type: 802.11a (6Mbps)  
CH100802.11ac VHT20 (6.5Mbps)  
CH100

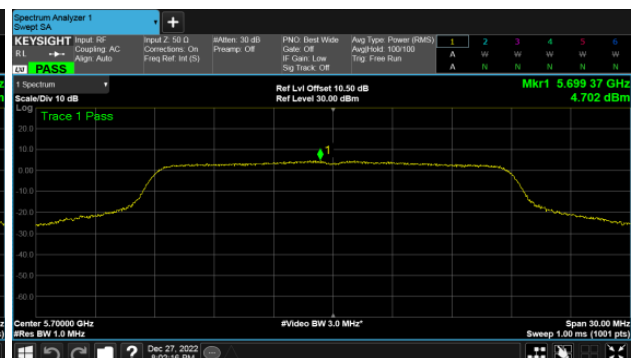
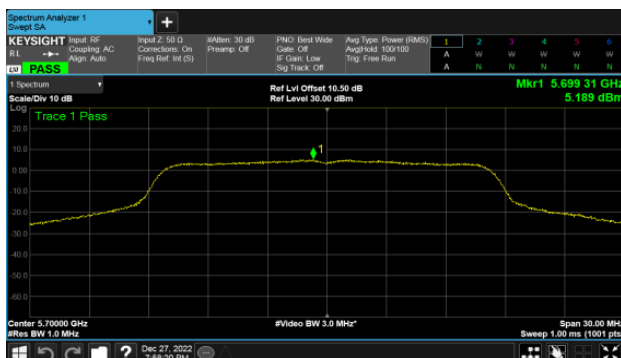
CH120

CH120



CH140

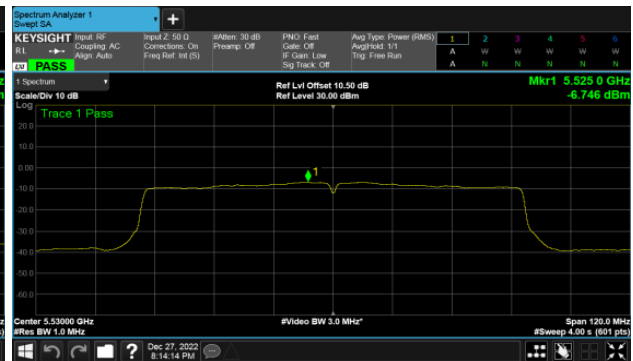
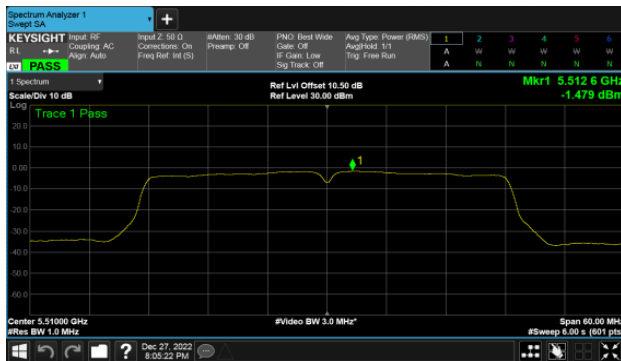
CH140





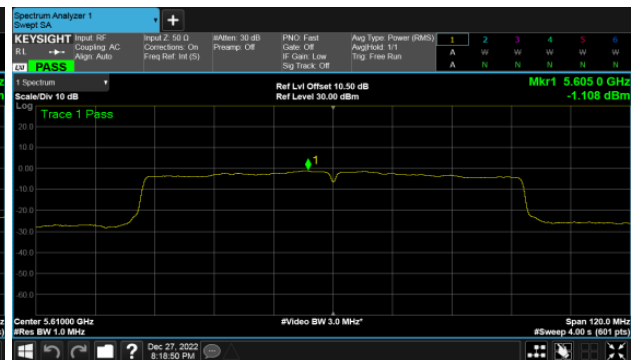
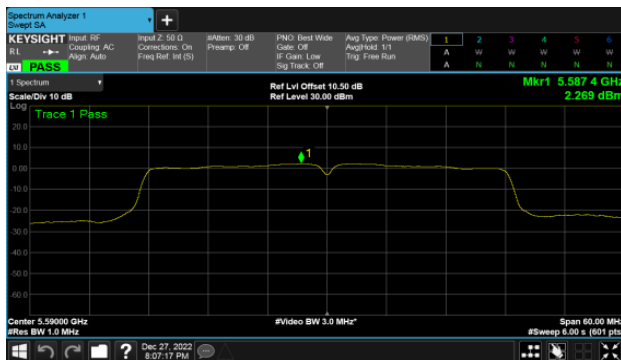
Modulation Type: 802.11ac VHT40 (13.5Mbps)  
CH102

Modulation Type: 802.11ac VHT80 (29.3Mbps)  
CH106

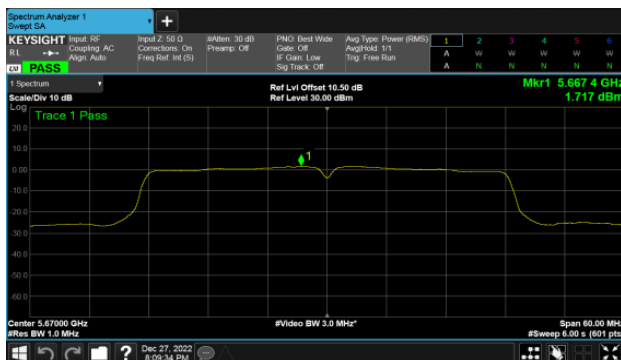


CH118

CH122

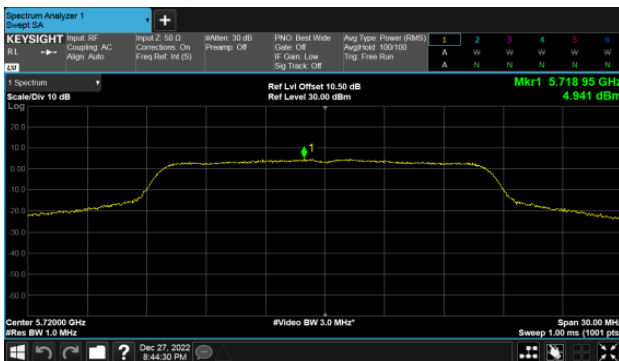


CH134

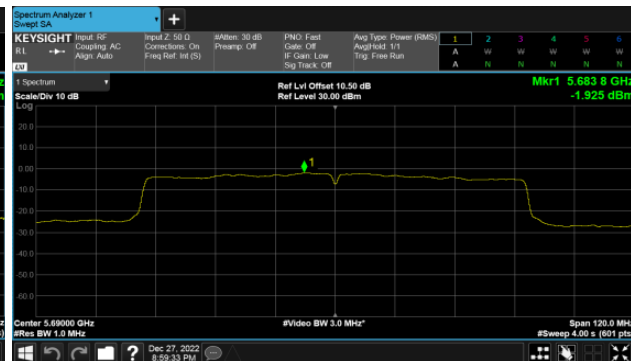




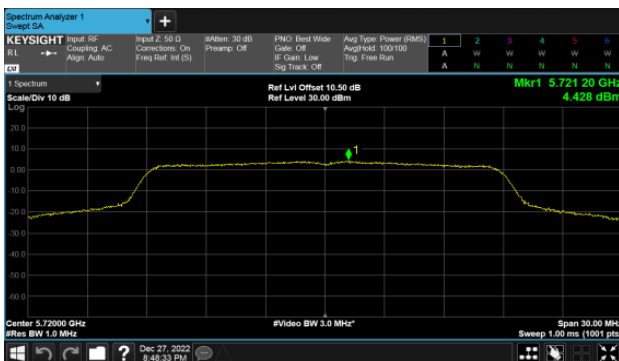
Straddle Channel ANT A  
Modulation Type: 802.11a (6Mbps)  
CH144



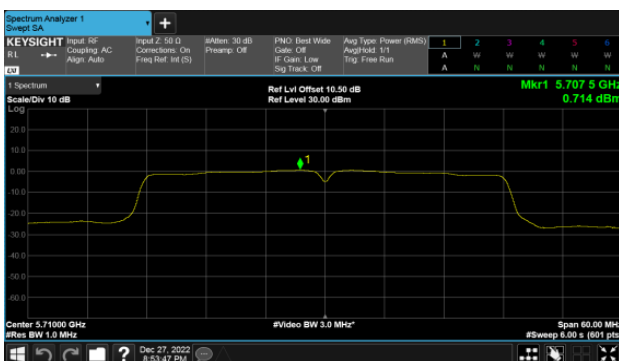
Modulation Type: 802.11ac VHT80 (29.3Mbps)  
CH138



Modulation Type: 802.11ac VHT20 (6.5Mbps)  
CH144

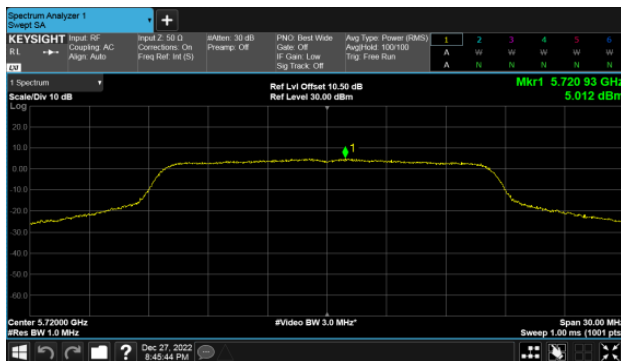


Modulation Type: 802.11ac VHT40 (13.5Mbps)  
CH142

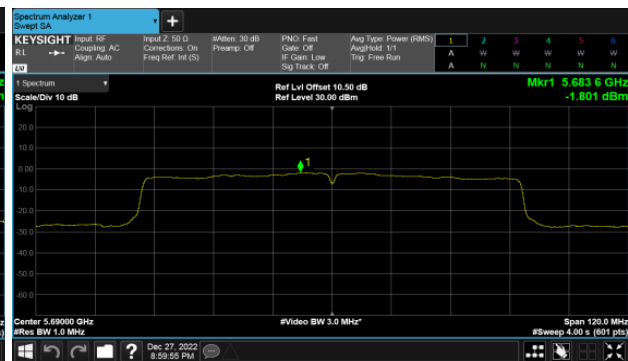




Straddle Channel ANT B  
Modulation Type: 802.11a (6Mbps)  
CH144



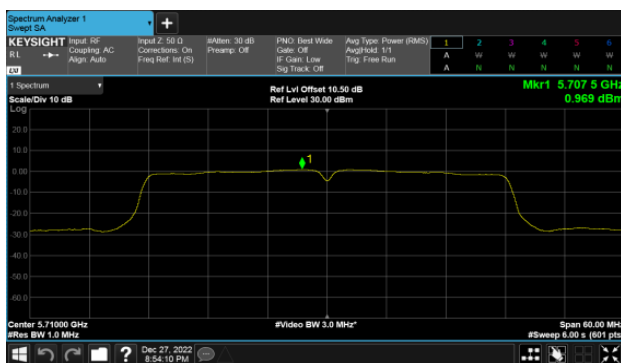
Modulation Type: 802.11ac VHT80 (29.3Mbps)  
CH138



Modulation Type: 802.11ac VHT20 (6.5Mbps)  
CH144



Modulation Type: 802.11ac VHT40 (13.5Mbps)  
CH142

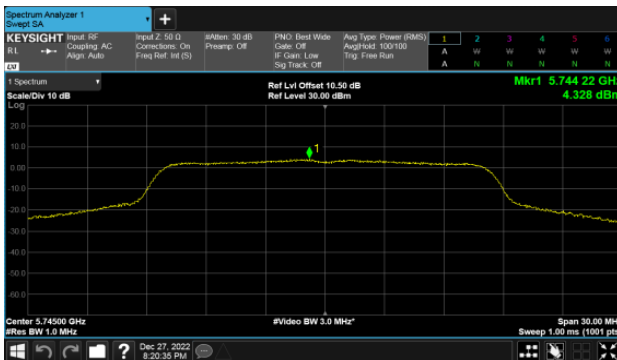




B4, ANT A

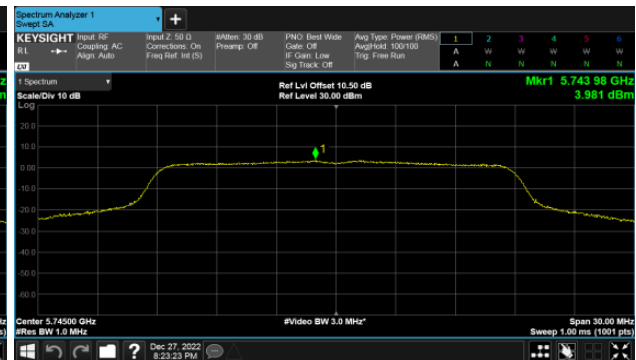
Modulation Type: 802.11a (6Mbps)

CH149

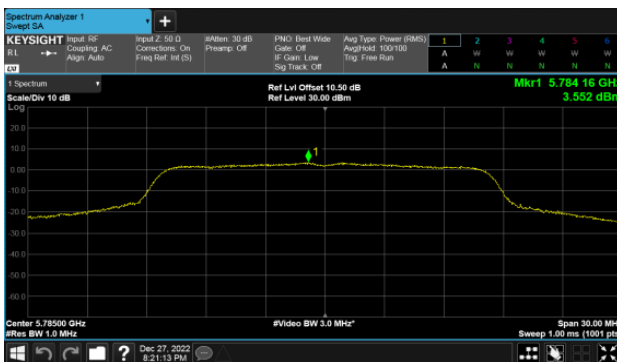


Modulation Type: 802.11ac VHT20 (6.5Mbps)

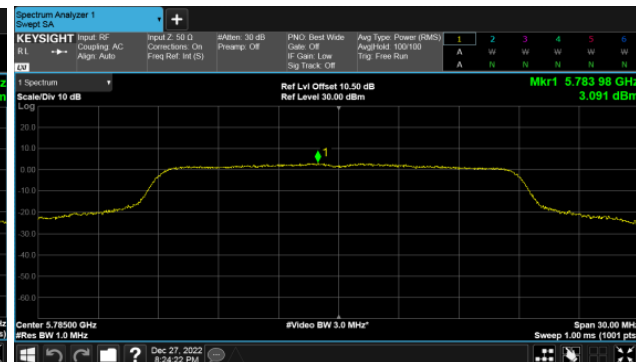
CH149



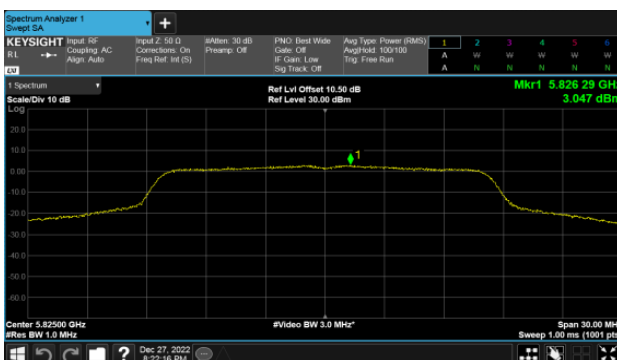
CH157



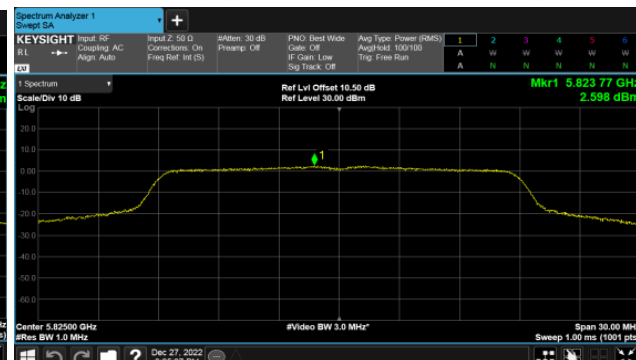
CH157



CH165



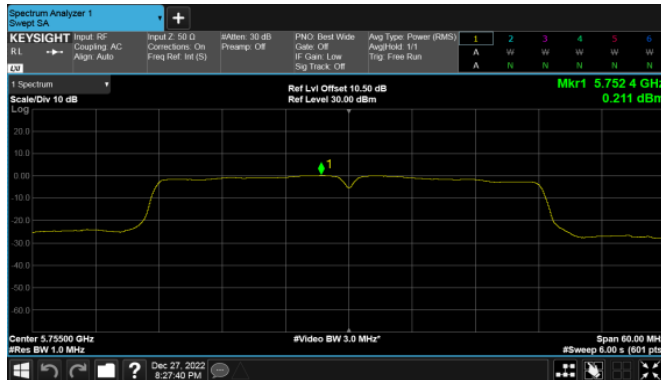
CH165





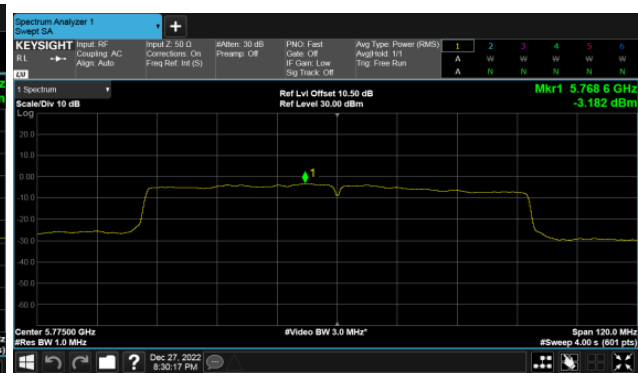
Modulation Type: 802.11ac VHT40 (13.5Mbps)

CH151

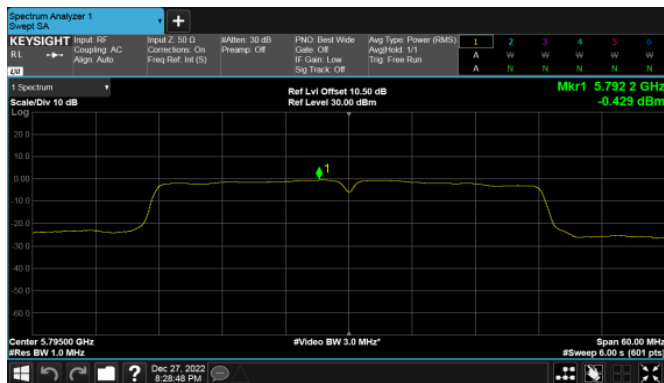


Modulation Type: 802.11ac VHT80 (29.3Mbps)

CH155



CH159

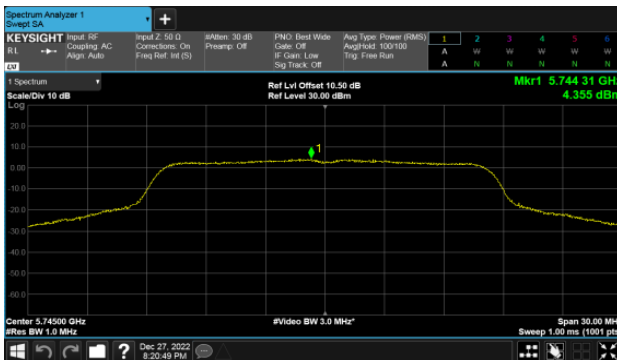




B4, ANT B

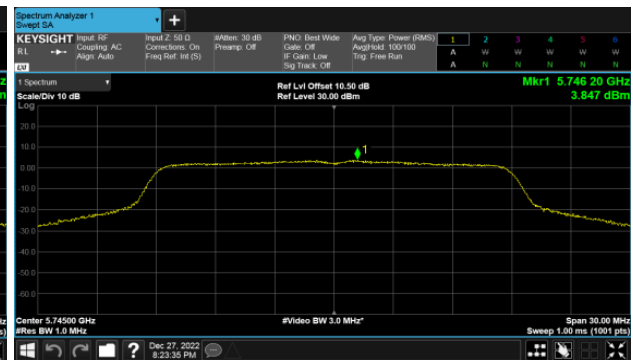
Modulation Type: 802.11a (6Mbps)

CH149

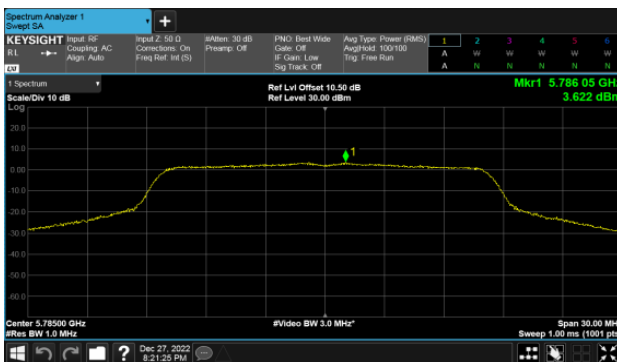


Modulation Type: 802.11ac VHT20 (6.5Mbps)

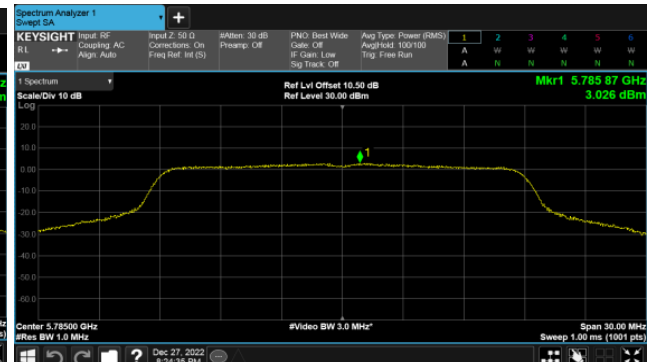
CH149



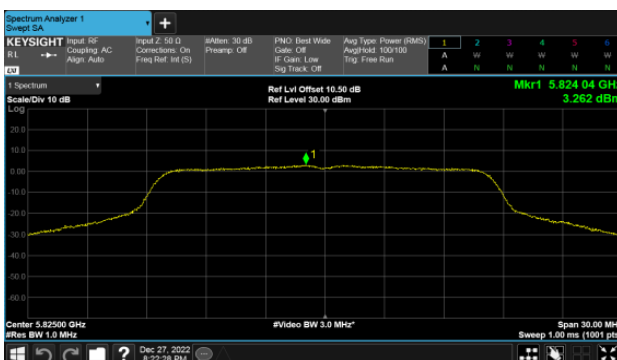
CH157



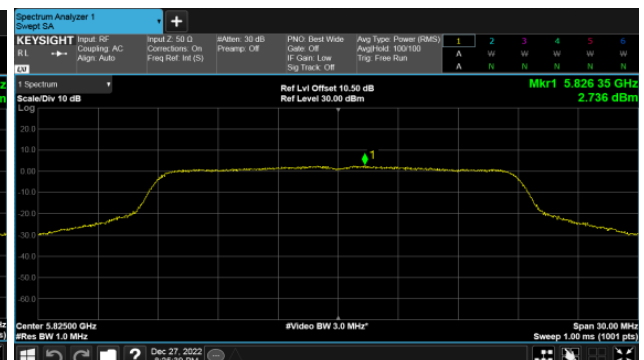
CH157



CH165



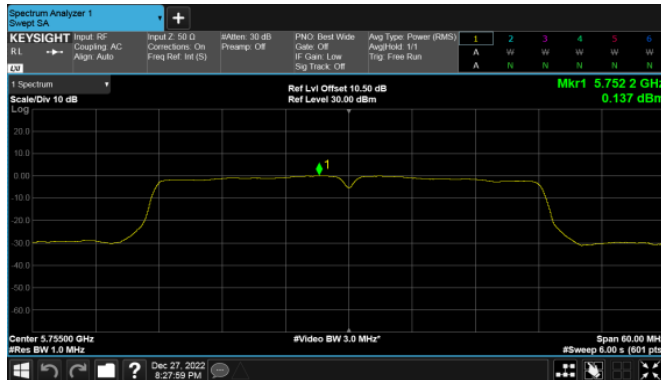
CH165





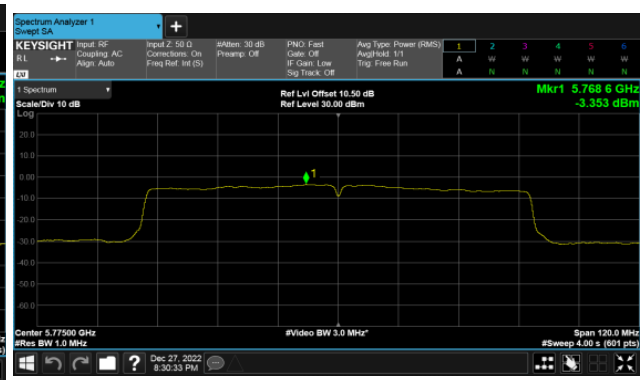
Modulation Type: 802.11ac VHT40 (13.5Mbps)

CH151



Modulation Type: 802.11ac VHT80 (29.3Mbps)

CH155



CH159

