

待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：108 年 01 月 19 日

測試項目：峰值功率頻譜密度

測試模式：Mode 2: SISO B: 發射器 802.11ac-80BW

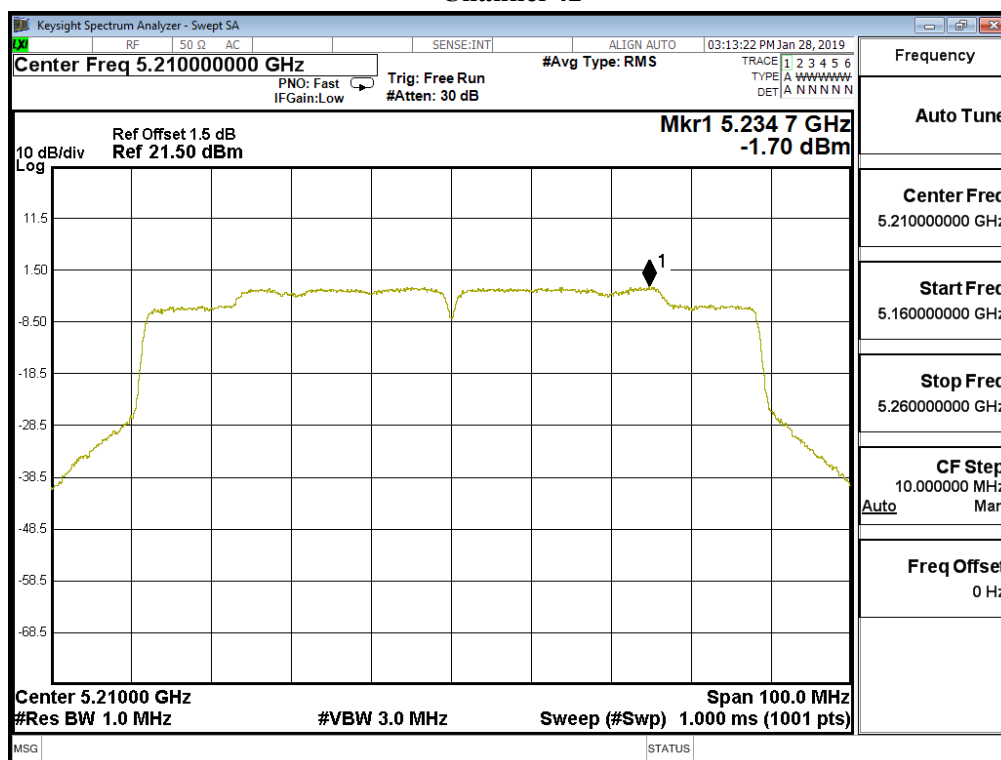
視頻頻寬：3MHz

環境溫度：21 °C

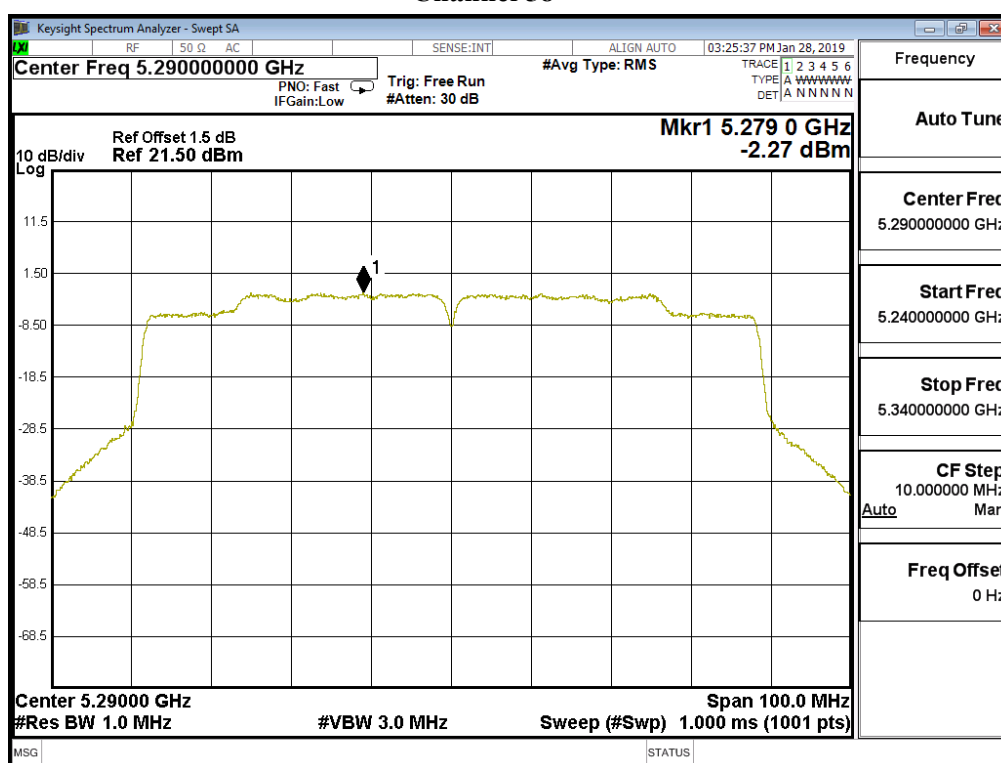
環境濕度：53 %

| Channel Number | Frequency (MHz) | PPSD (dBm) | BWCF (dB) | Total PSD (dBm) | Required Limit (dBm) | Result |
|----------------|-----------------|------------|-----------|-----------------|----------------------|--------|
| 42             | 5210            | -1.700     | --        | -1.700          | <11                  | Pass   |
| 58             | 5290            | -2.270     | --        | -2.270          | <11                  | Pass   |
| 106            | 5530            | -1.740     | --        | -1.740          | <11                  | Pass   |
| 122            | 5610            | -0.280     | --        | -0.280          | <11                  | Pass   |
| 138(U-NII-2C)  | 5690            | 1.010      | --        | 1.010           | <11                  | Pass   |
| 138(U-NII-3)   | 5690            | -10.850    | 6.98      | -3.870          | <30                  | Pass   |
| 155            | 5775            | -8.390     | 6.98      | -1.410          | <30                  | Pass   |

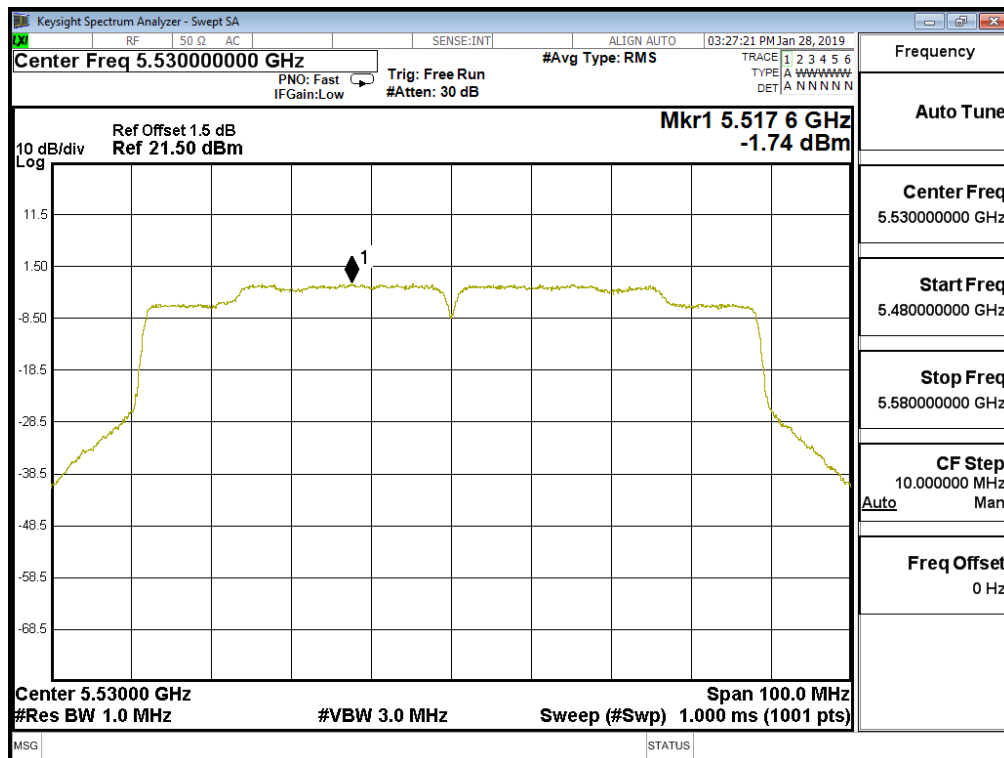
## Channel 42



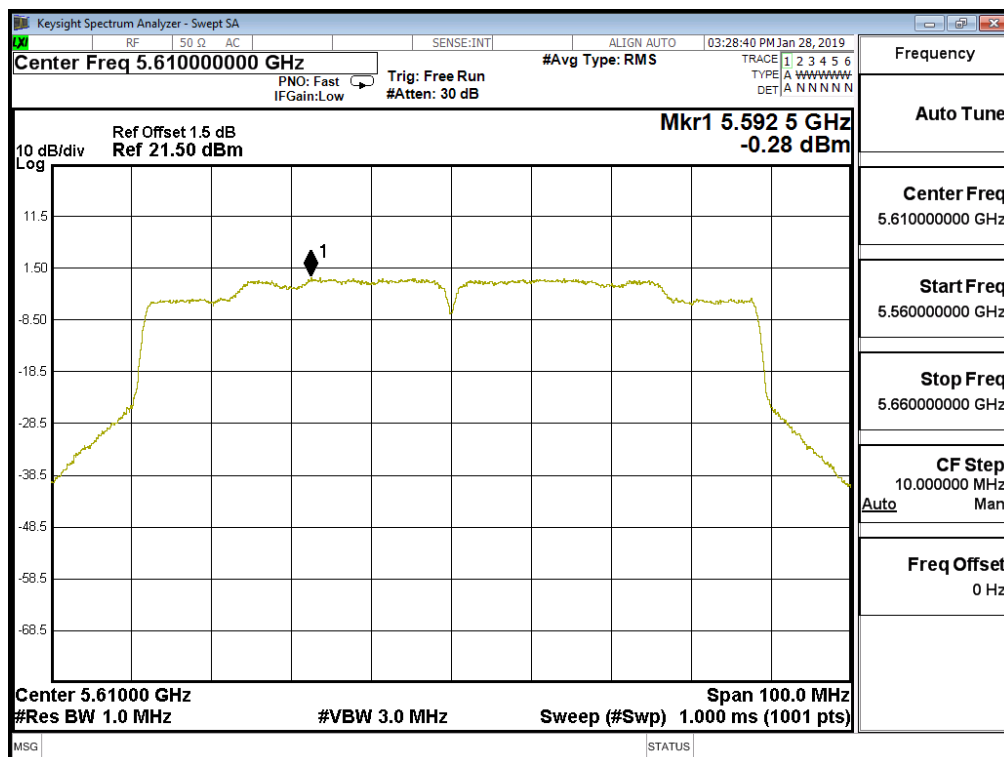
## Channel 58



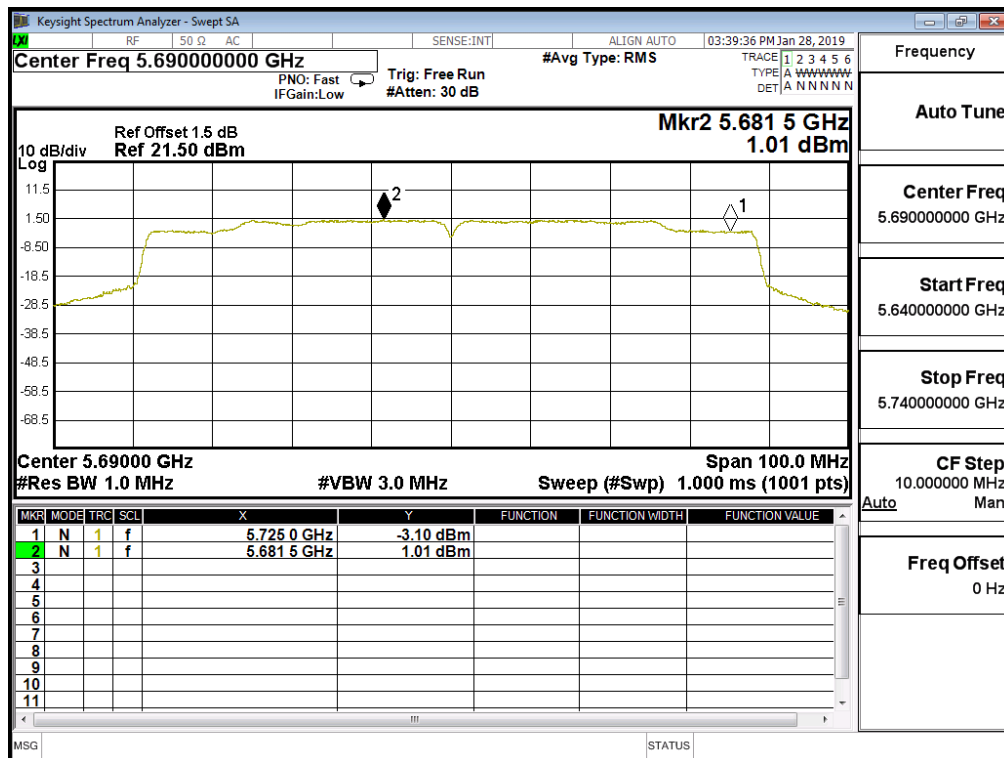
## Channel 106



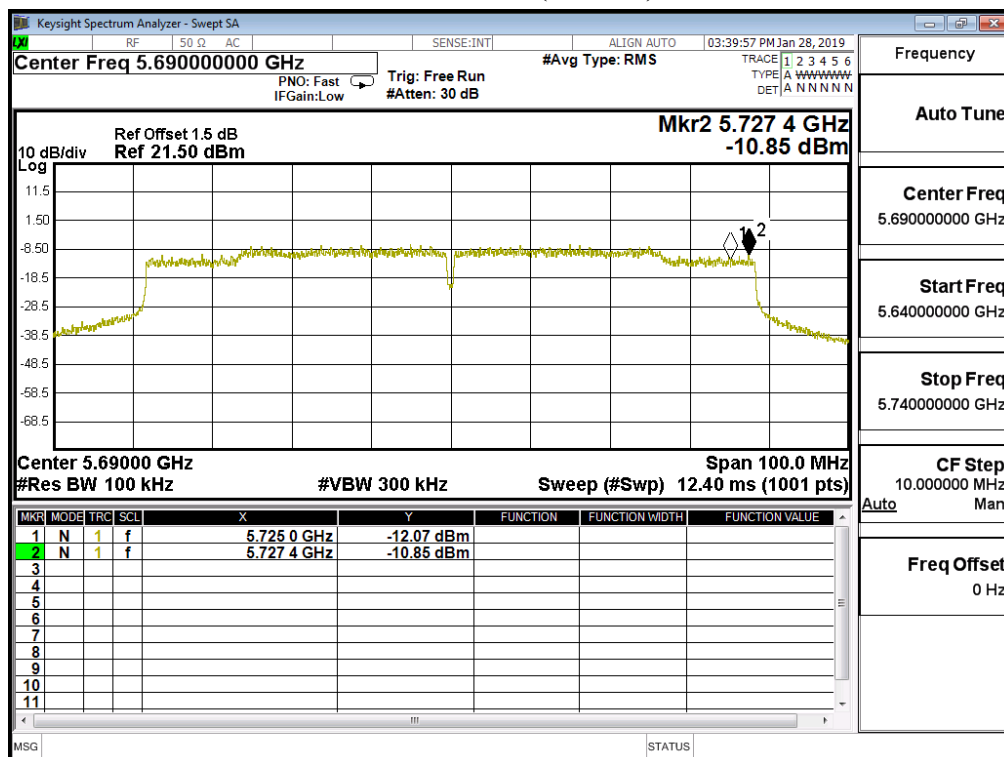
## Channel 122



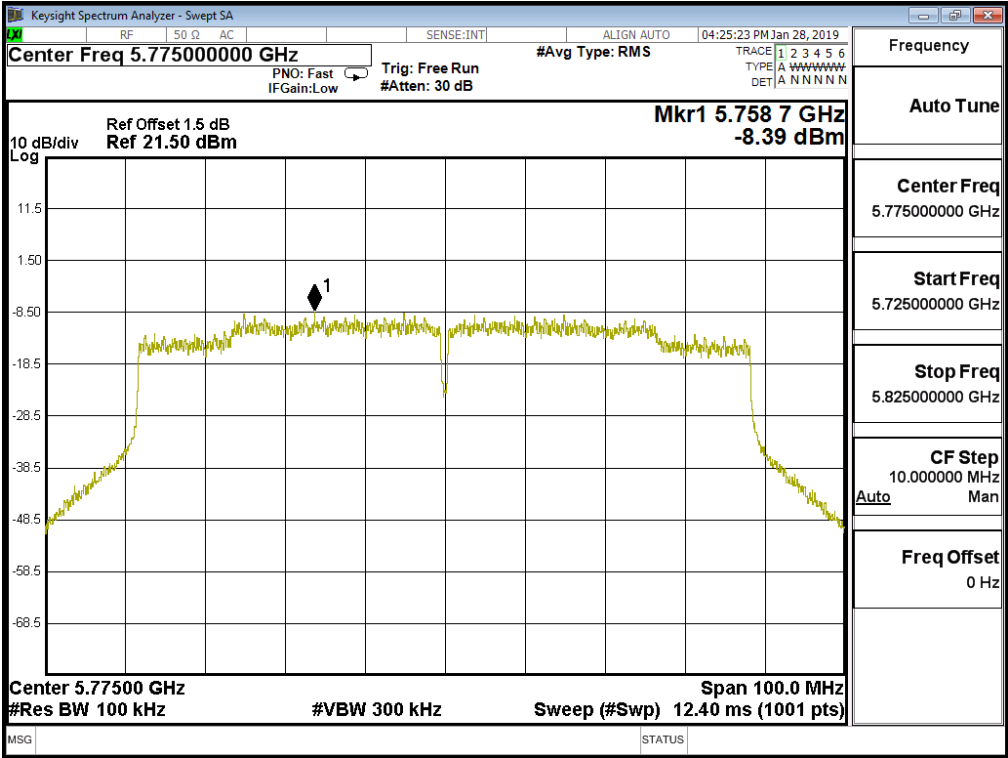
## Channel 138 (U-NII-2C)



## Channel 138 (U-NII-3)



Channel 155



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

6 dB 頻寬：1MHz

檢 測 器：峰值

測試日期：108 年 01 月 19 日

測 試 項 目：峰值功率頻譜密度

測 試 模 式：Mode 2: SISO B: 發射器 802.11ac-160BW

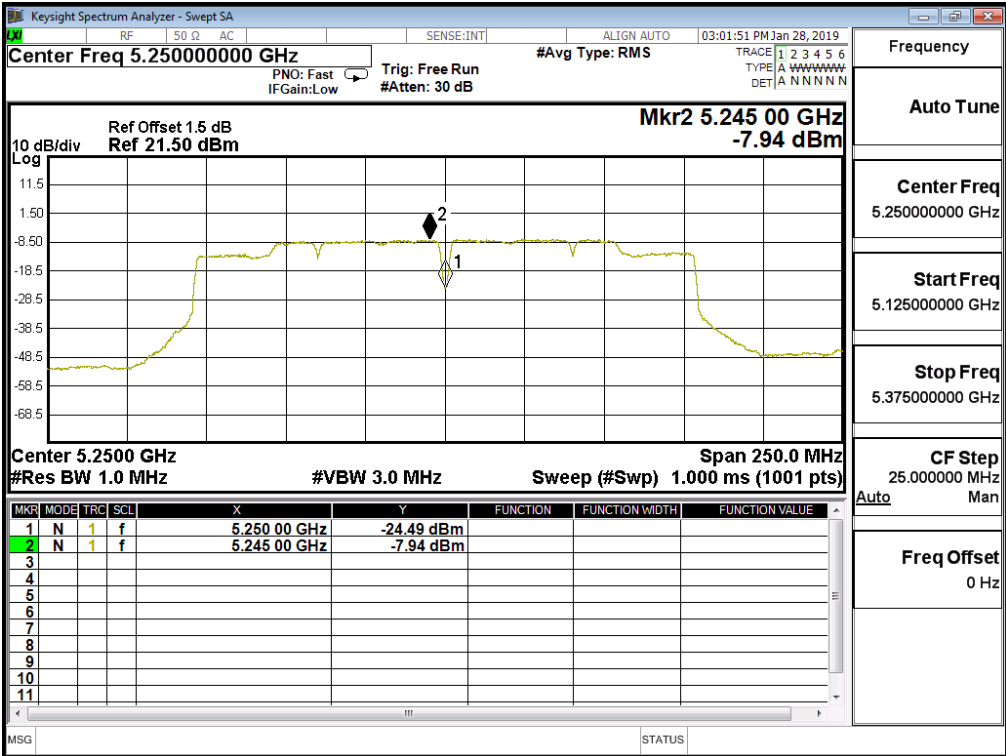
視 頻 頻 寬：3MHz

環 境 溫 度：21 °C

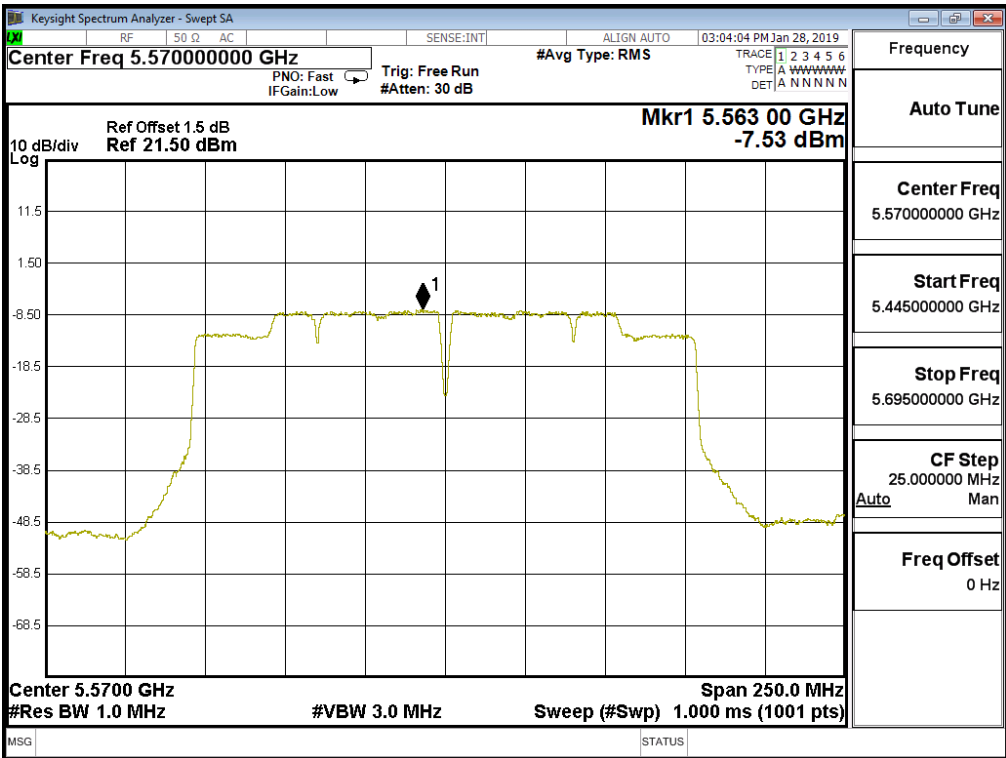
環 境 濕 度：53 %

| Channel Number | Frequency (MHz) | PPSD (dBm) | Required Limit (dBm) | Result |
|----------------|-----------------|------------|----------------------|--------|
| 50             | 5250            | -7.940     | <11                  | Pass   |
| 114            | 5570            | -7.530     | <11                  | Pass   |

Channel 50



Channel 114



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：108 年 01 月 19 日

測試項目：峰值功率頻譜密度

測試模式：Mode 3: MIMO: 發射器 802.11n-20BW

視頻頻寬：3MHz

環境溫度：21 °C

環境濕度：53 %

| Channel Number | Frequency (MHz) | Chain (dBm) | PPSD/MHz (dBm) | Total PPSP/MHz (dBm) | Required Limit (dBm) | Result |
|----------------|-----------------|-------------|----------------|----------------------|----------------------|--------|
| 36             | 5180            | A           | 2.650          | 5.660                | <11                  | Pass   |
|                |                 | B           | 3.890          | 6.900                | <11                  | Pass   |
| 44             | 5220            | A           | 4.060          | 7.070                | <11                  | Pass   |
|                |                 | B           | 4.240          | 7.250                | <11                  | Pass   |
| 48             | 5240            | A           | 3.860          | 6.870                | <11                  | Pass   |
|                |                 | B           | 4.660          | 7.670                | <11                  | Pass   |
| 52             | 5260            | A           | 4.190          | 7.200                | <11                  | Pass   |
|                |                 | B           | 5.130          | 8.140                | <11                  | Pass   |
| 60             | 5300            | A           | 5.846          | 8.856                | <11                  | Pass   |
|                |                 | B           | 5.403          | 8.413                | <11                  | Pass   |
| 64             | 5320            | A           | 2.130          | 5.140                | <11                  | Pass   |
|                |                 | B           | 2.640          | 5.650                | <11                  | Pass   |
| 100            | 5500            | A           | 2.540          | 5.550                | <11                  | Pass   |
|                |                 | B           | 3.370          | 6.380                | <11                  | Pass   |
| 116            | 5580            | A           | 4.210          | 7.220                | <11                  | Pass   |
|                |                 | B           | 5.770          | 8.780                | <11                  | Pass   |
| 140            | 5700            | A           | 3.850          | 6.860                | <11                  | Pass   |
|                |                 | B           | 4.720          | 7.730                | <11                  | Pass   |

Note:

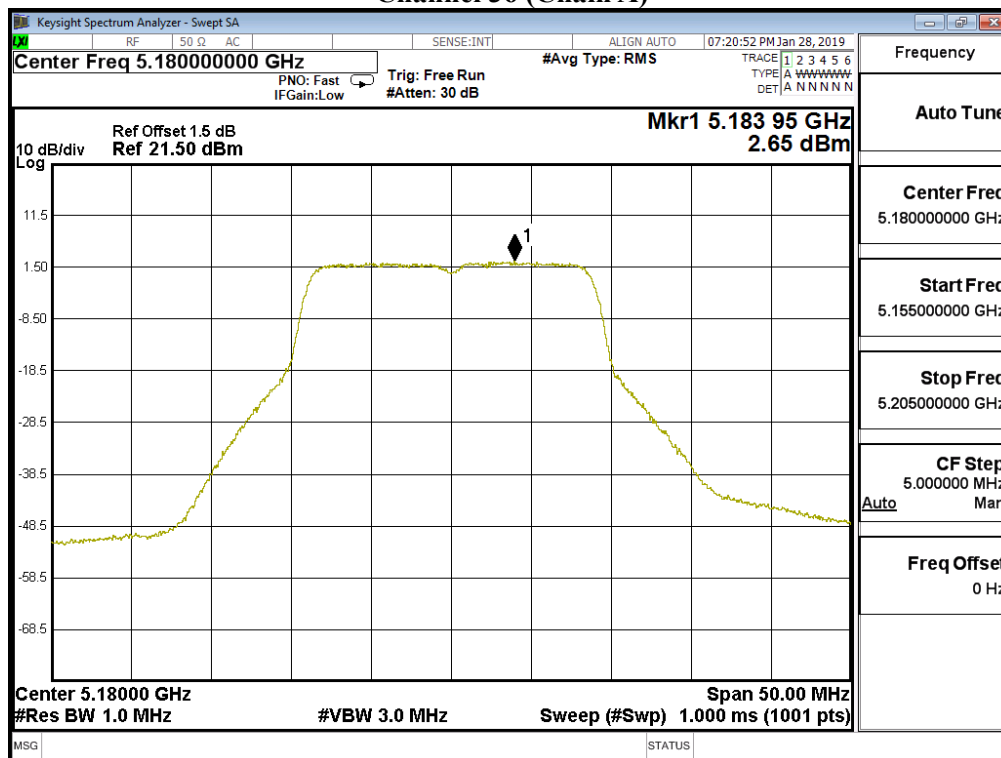
The quantity  $10 \cdot \log 2$  (two antennas) is added to the spectrum peak value according to document 662911 D01.

| Channel Number | Frequency (MHz) | Chain (dBm) | PPSD (dBm) | BWCF (dB) | Total PPSP (dBm) | Required Limit (dBm) | Result |
|----------------|-----------------|-------------|------------|-----------|------------------|----------------------|--------|
| 144 (U-NII-2C) | 5720            | A           | 3.870      | --        | 6.880            | <11                  | Pass   |
|                |                 | B           | 4.500      | --        | 7.510            | <11                  | Pass   |
| 144 (U-NII-3)  | 5720            | A           | -5.040     | 6.980     | 4.950            | <30                  | Pass   |
|                |                 | B           | -4.640     | 6.980     | 5.350            | <30                  | Pass   |
| 149            | 5745            | A           | -4.710     | 6.980     | 5.280            | <30                  | Pass   |
|                |                 | B           | -3.880     | 6.980     | 6.110            | <30                  | Pass   |
| 157            | 5785            | A           | -3.000     | 6.980     | 6.990            | <30                  | Pass   |
|                |                 | B           | -2.210     | 6.980     | 7.780            | <30                  | Pass   |
| 165            | 5825            | A           | -5.450     | 6.980     | 4.540            | <30                  | Pass   |
|                |                 | B           | -4.590     | 6.980     | 5.400            | <30                  | Pass   |

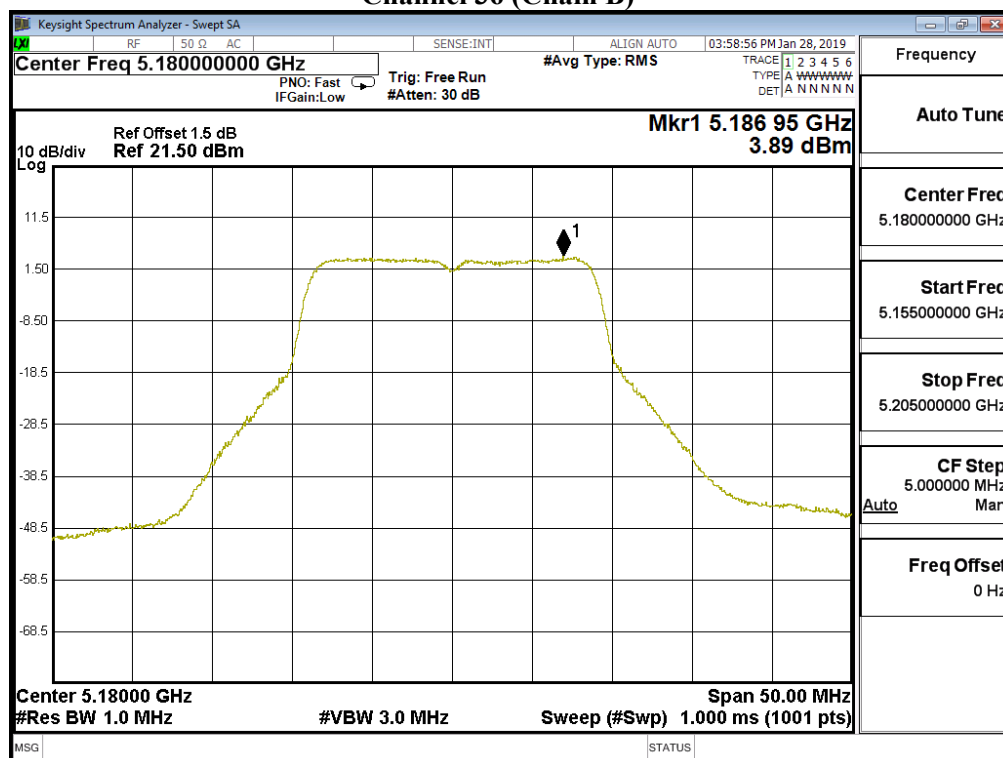
Note:

The quantity  $10 \cdot \log 2$  (two antennas) is added to the spectrum peak value according to document 662911 D01.

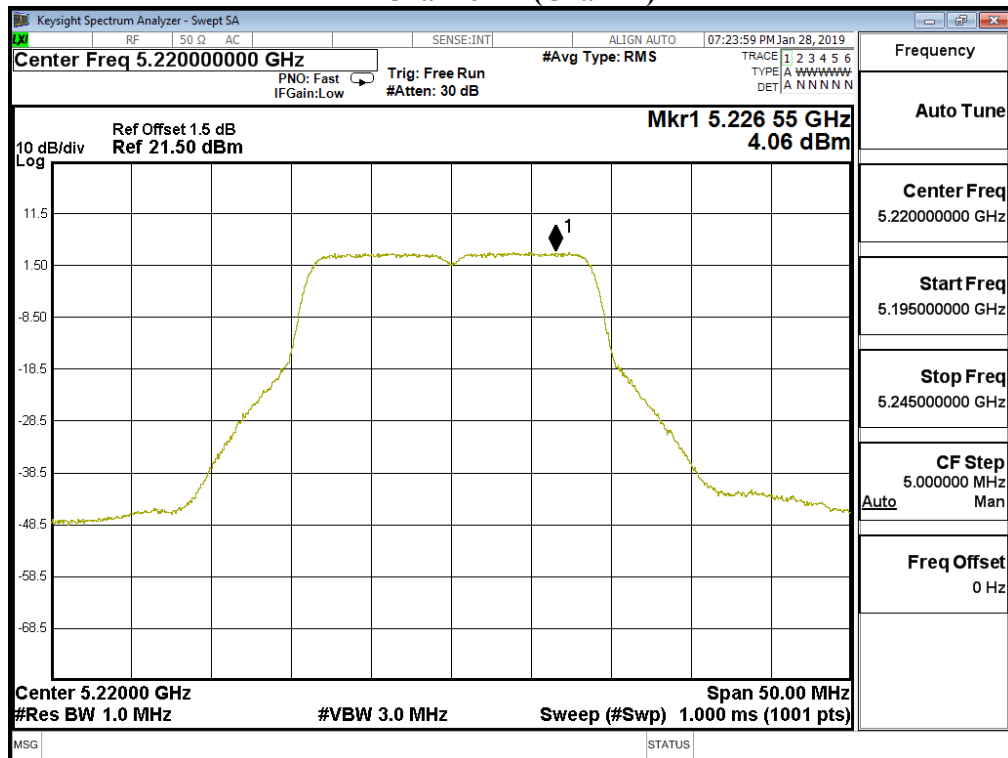
## Channel 36 (Chain A)



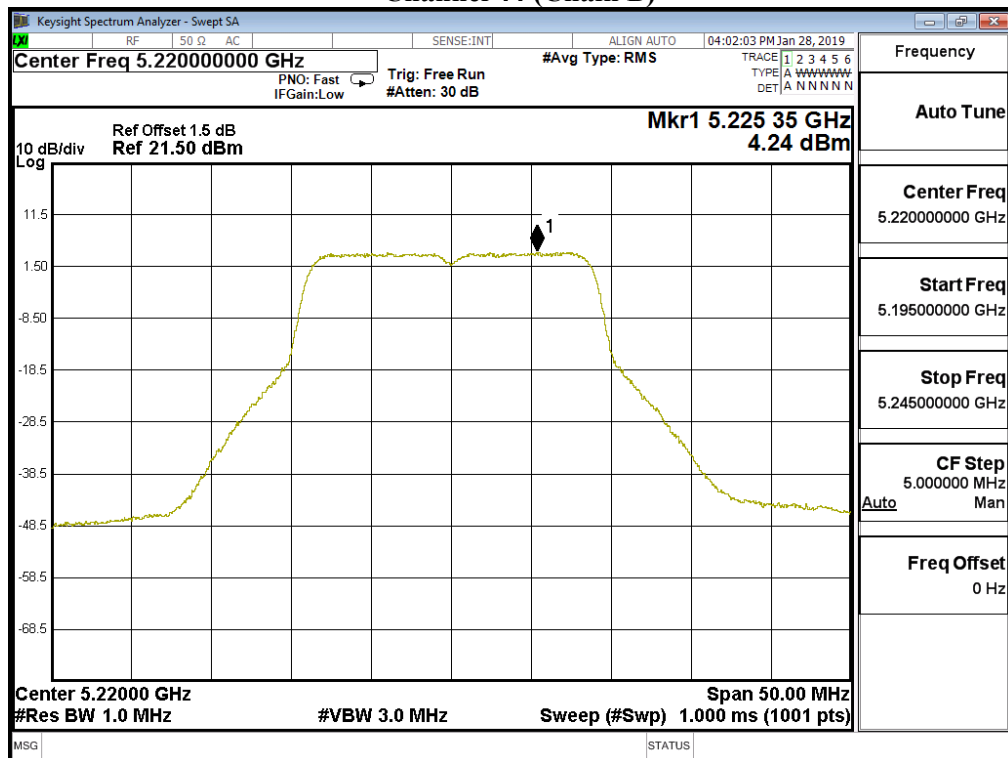
## Channel 36 (Chain B)



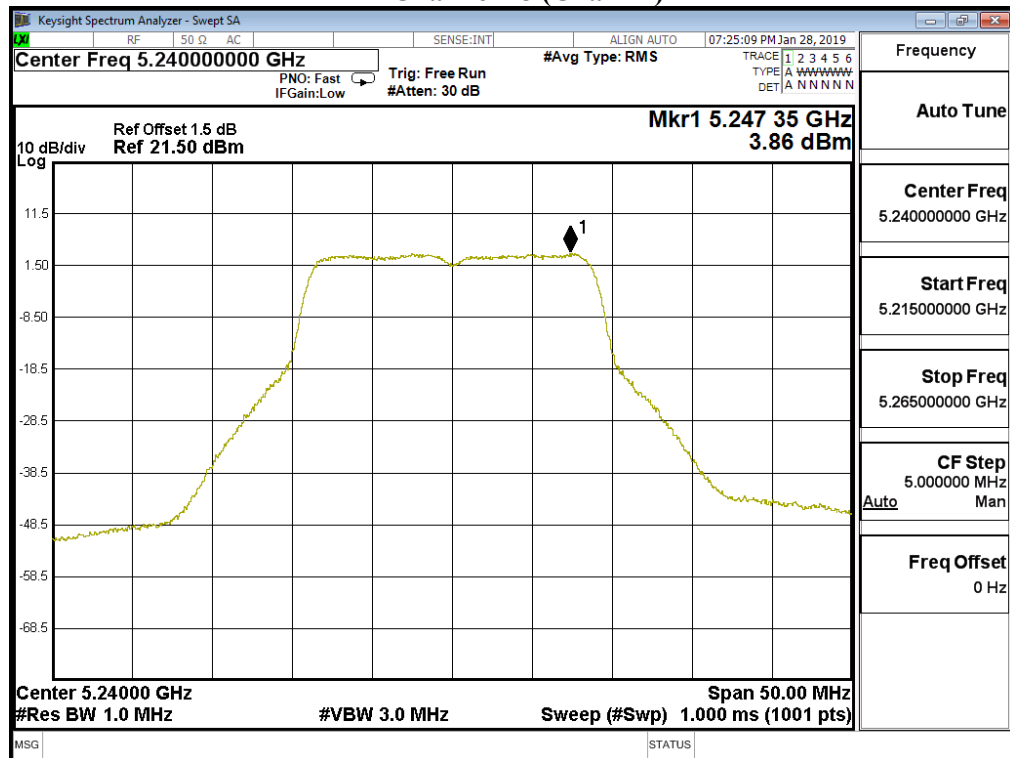
### Channel 44 (Chain A)



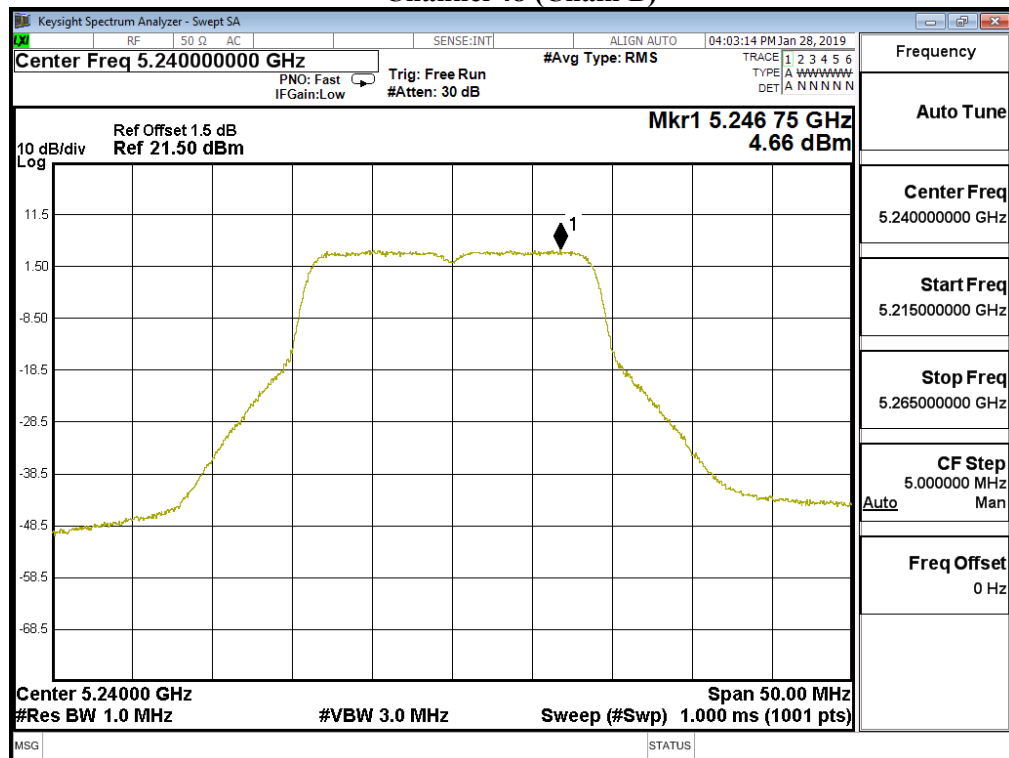
### Channel 44 (Chain B)



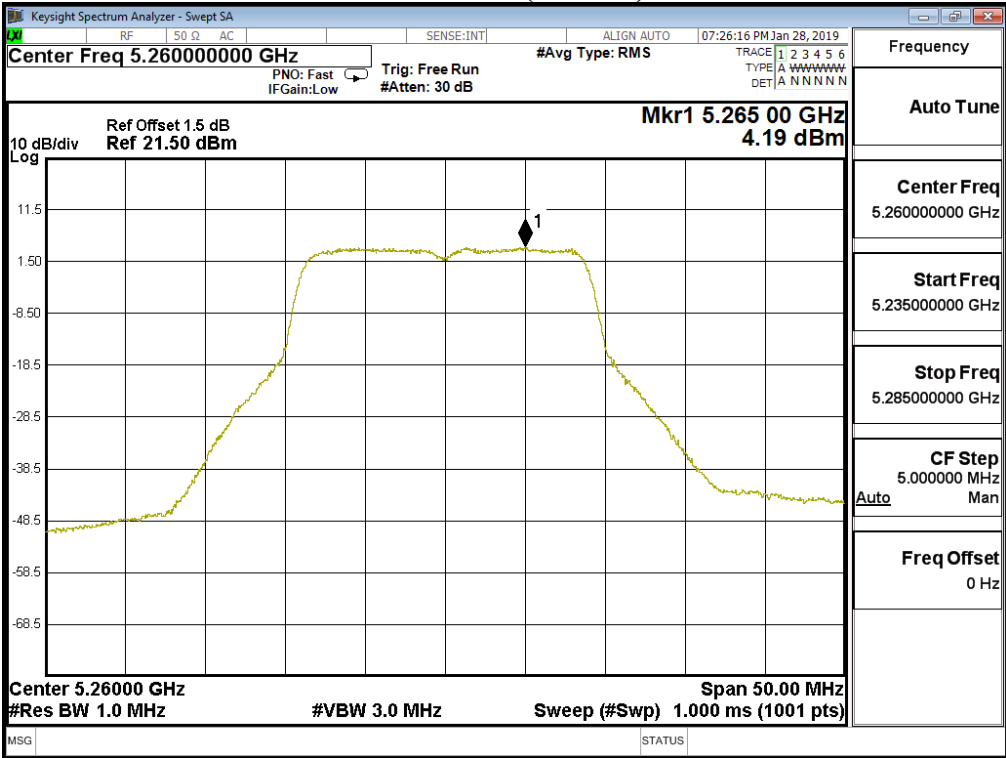
## Channel 48 (Chain A)



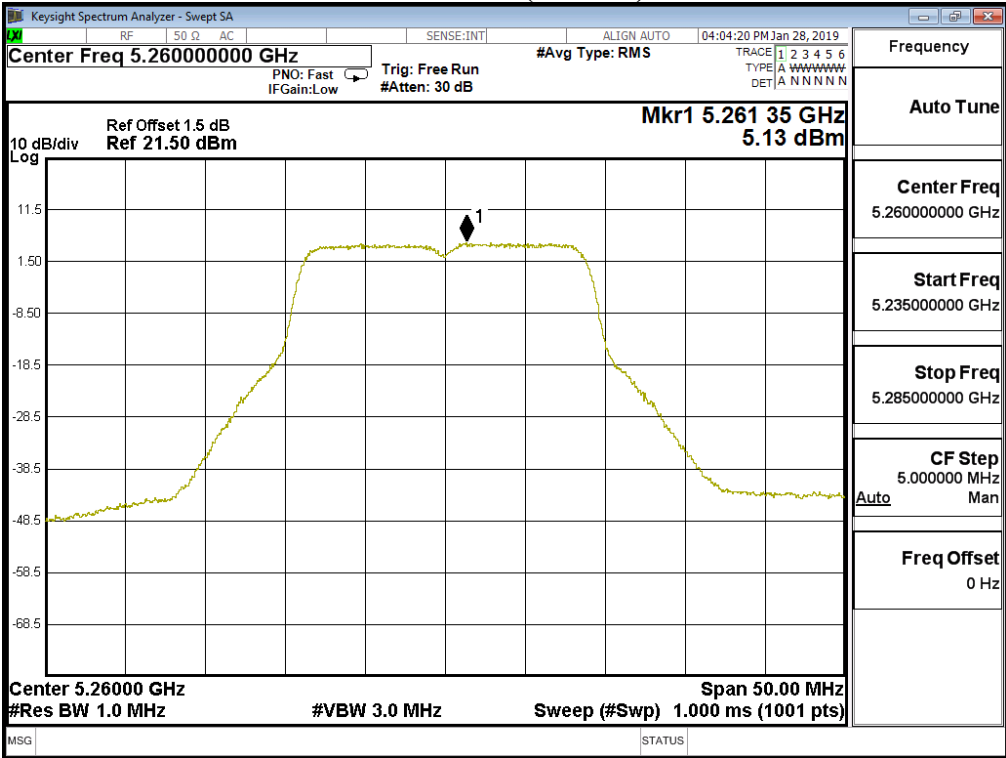
## Channel 48 (Chain B)



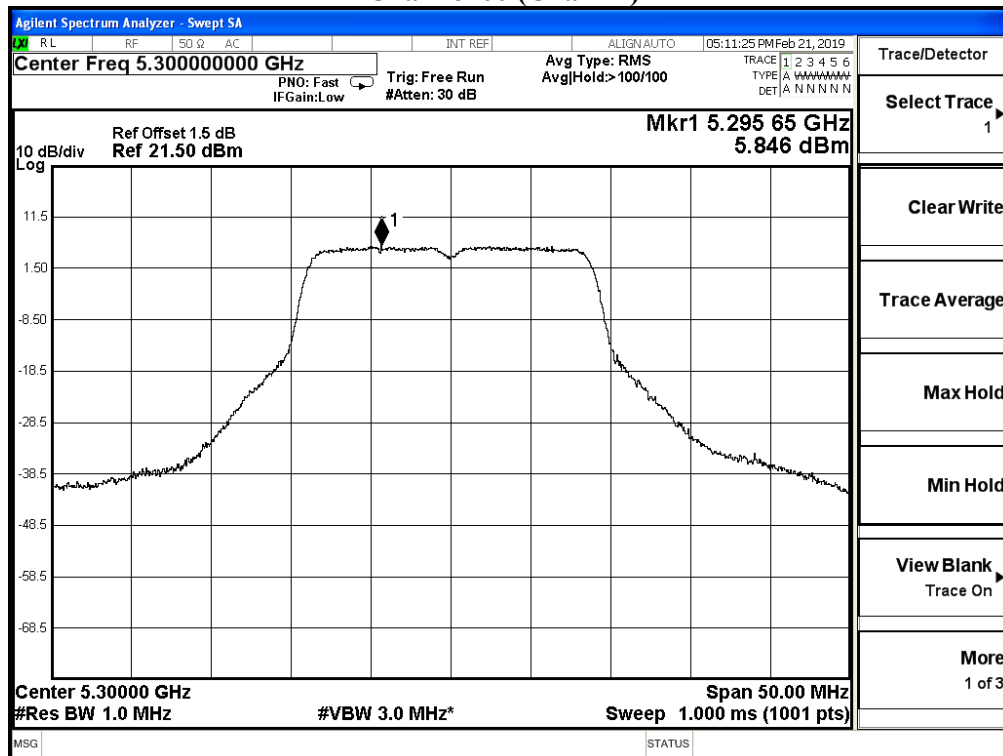
Channel 52 (Chain A)



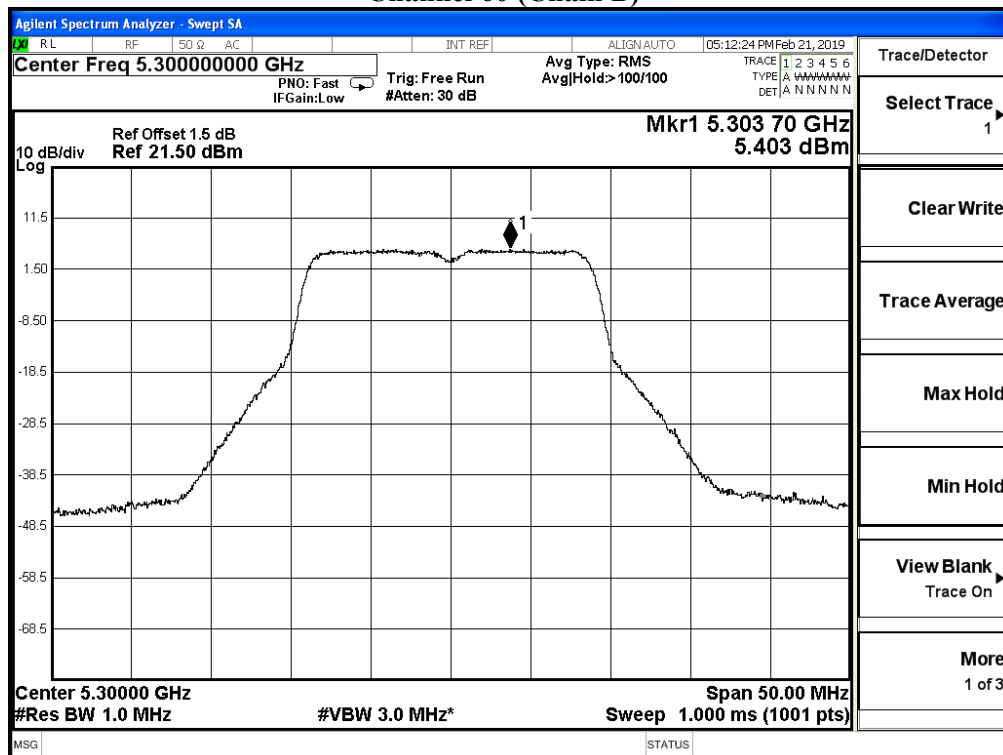
Channel 52 (Chain B)



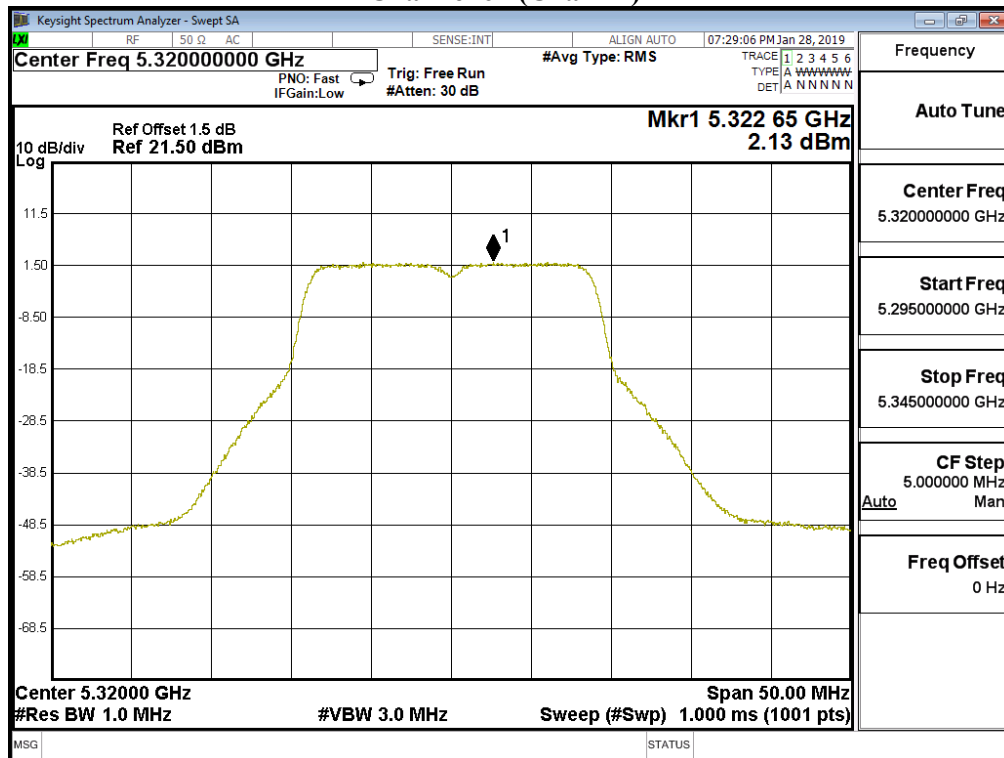
## Channel 60 (Chain A)



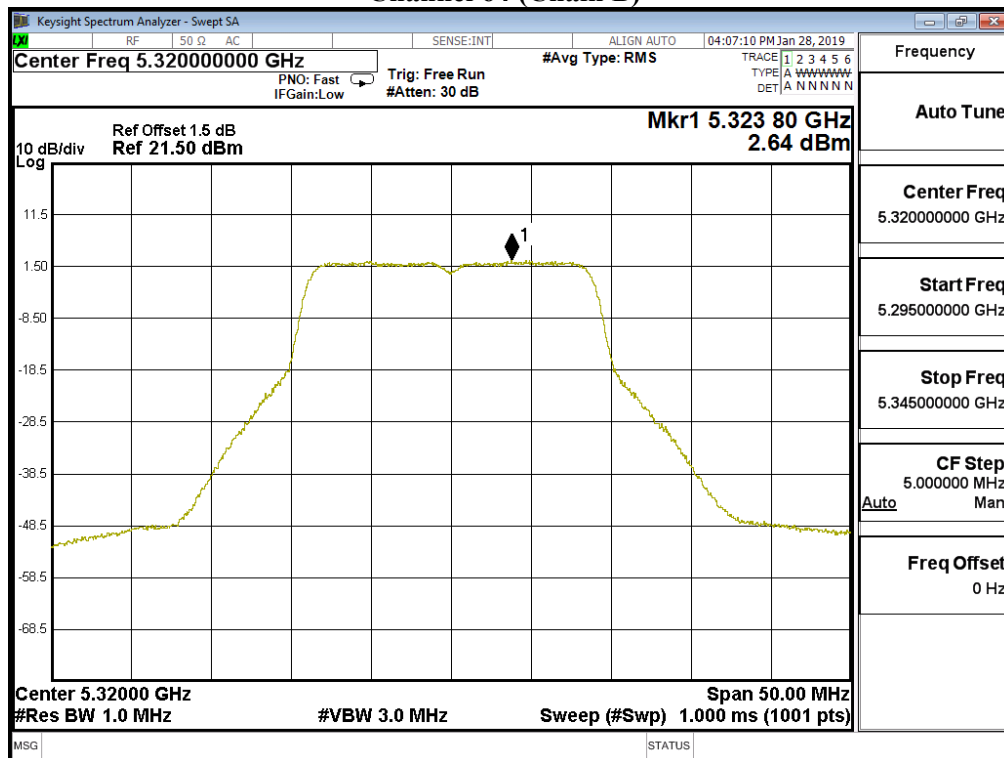
## Channel 60 (Chain B)



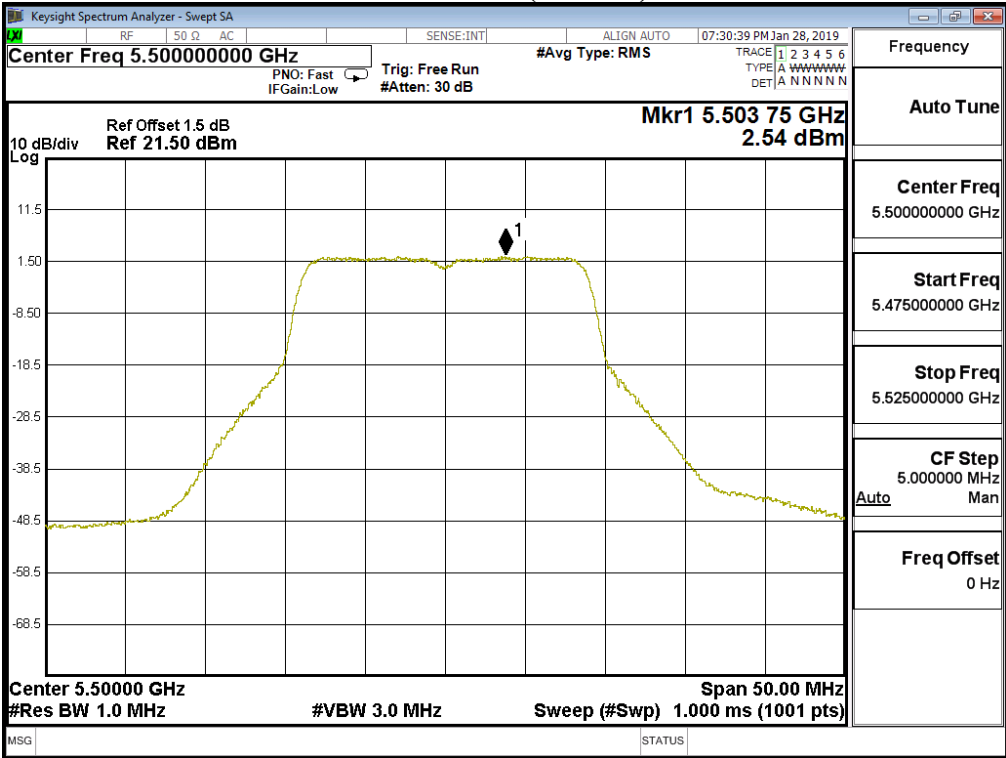
## Channel 64 (Chain A)



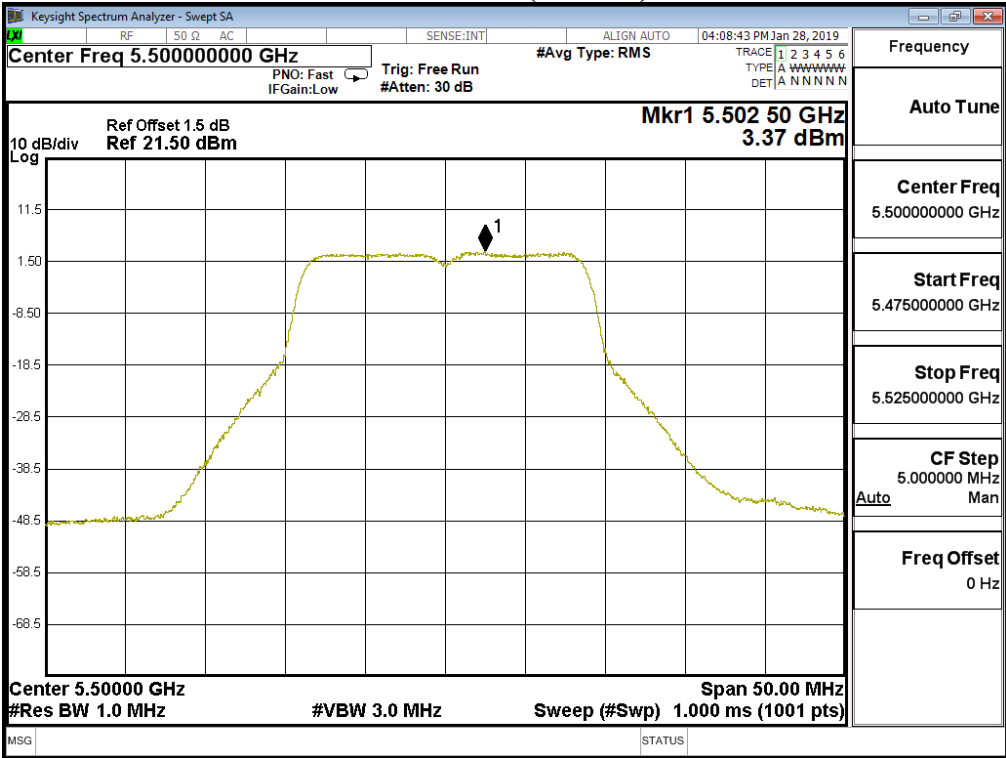
## Channel 64 (Chain B)



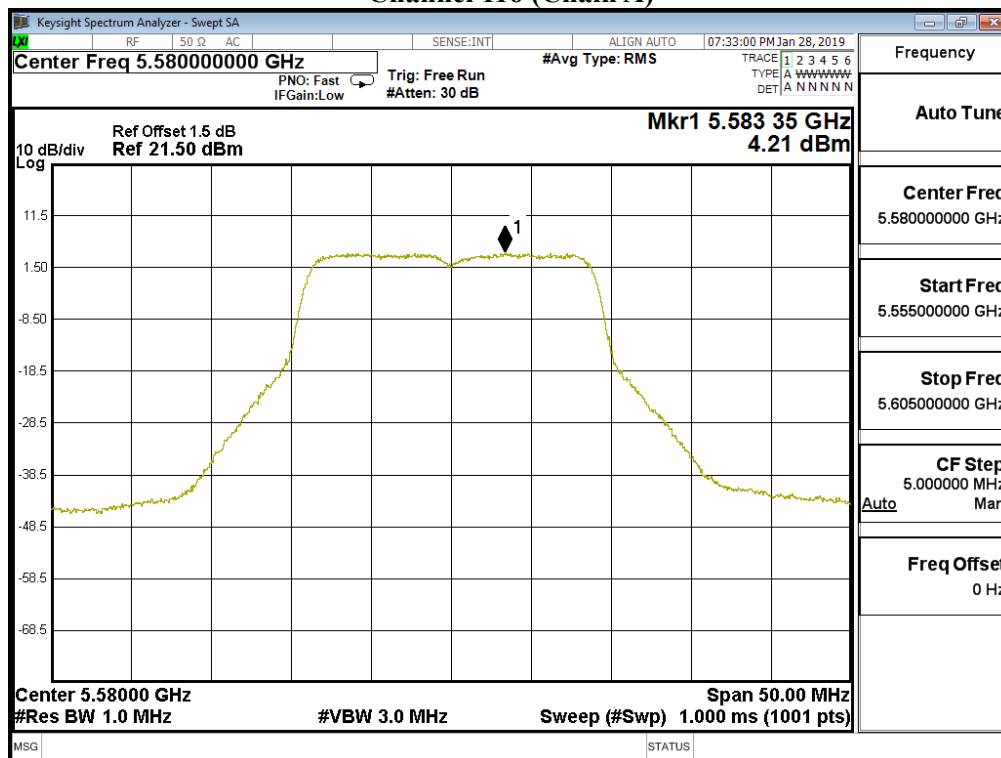
Channel 100 (Chain A)



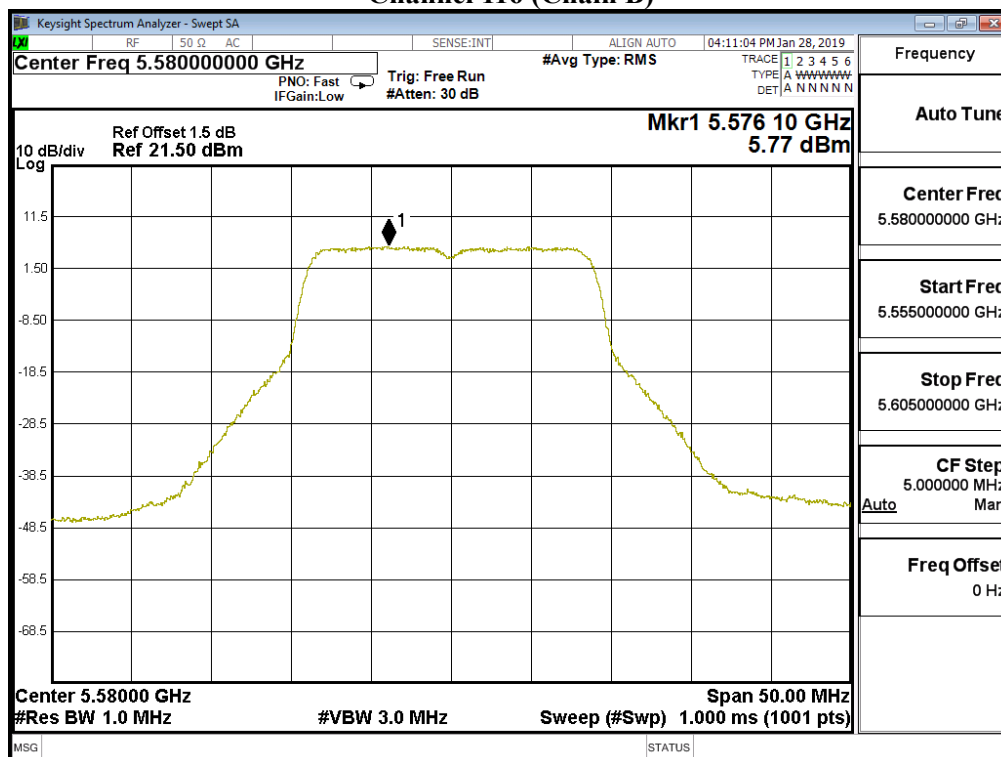
Channel 100 (Chain B)



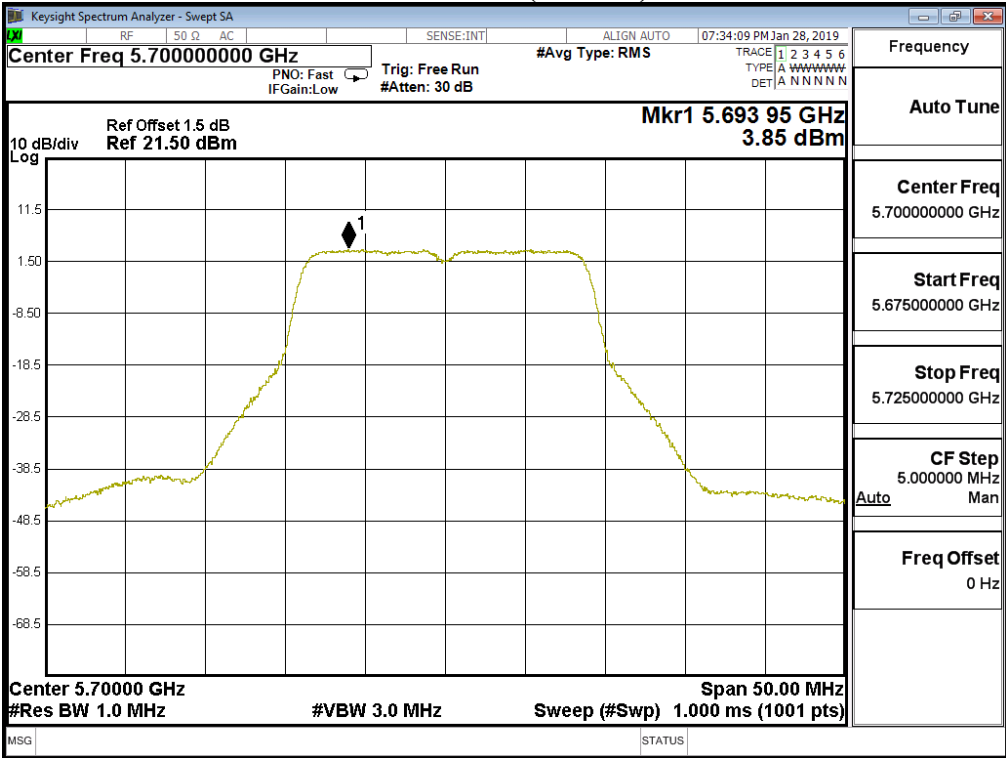
## Channel 116 (Chain A)



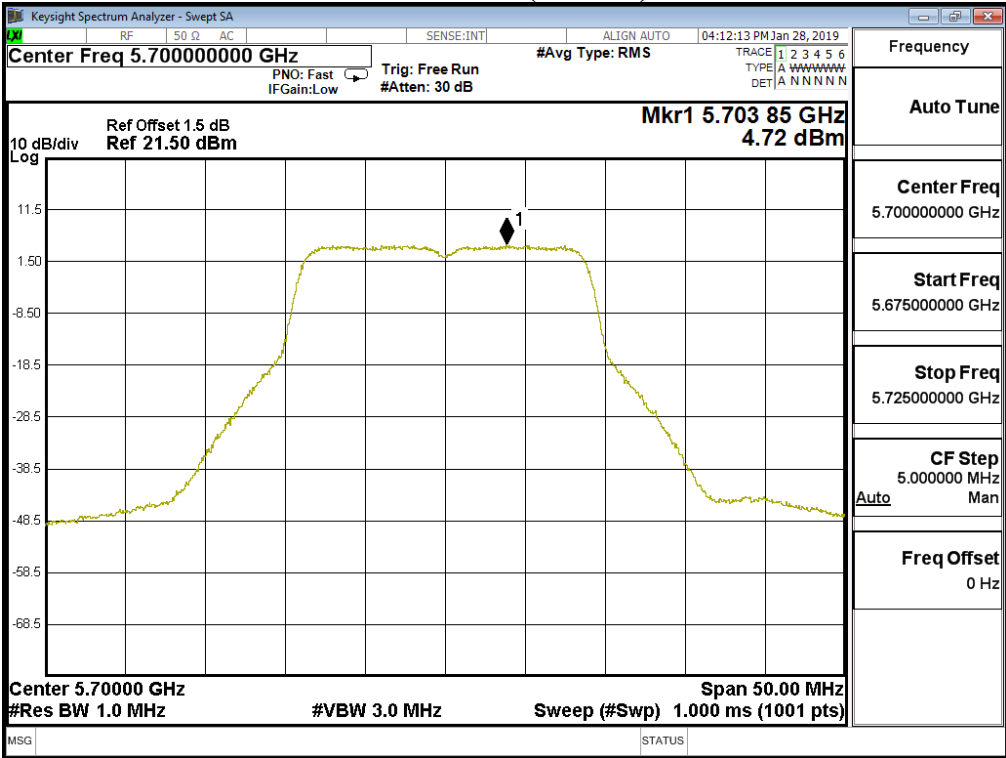
## Channel 116 (Chain B)



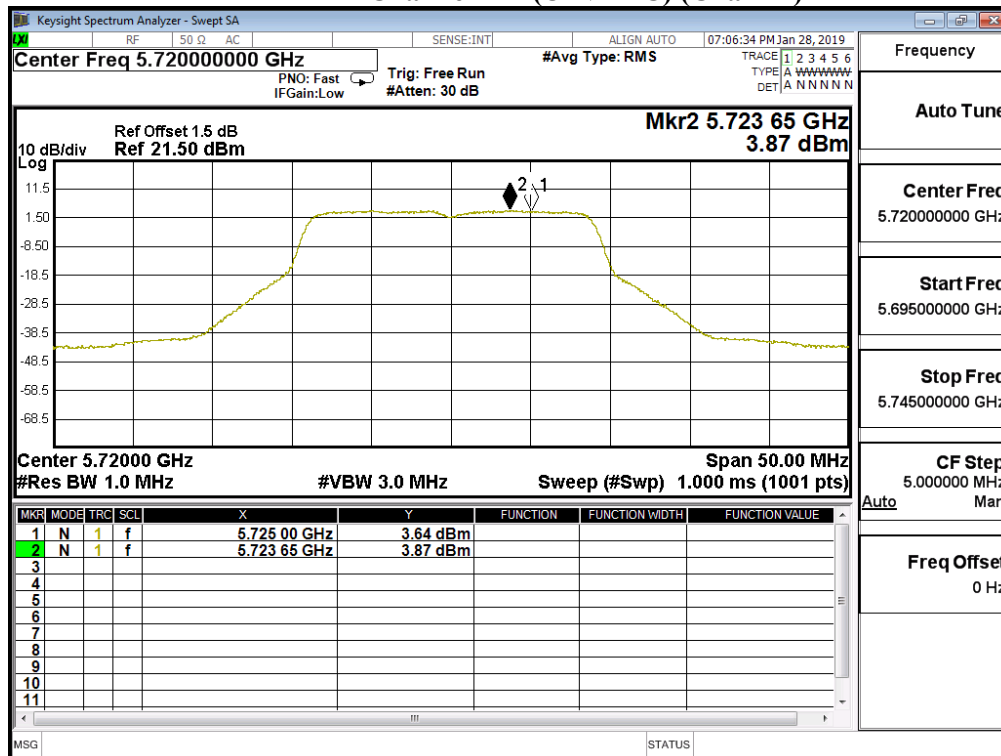
Channel 140 (Chain A)



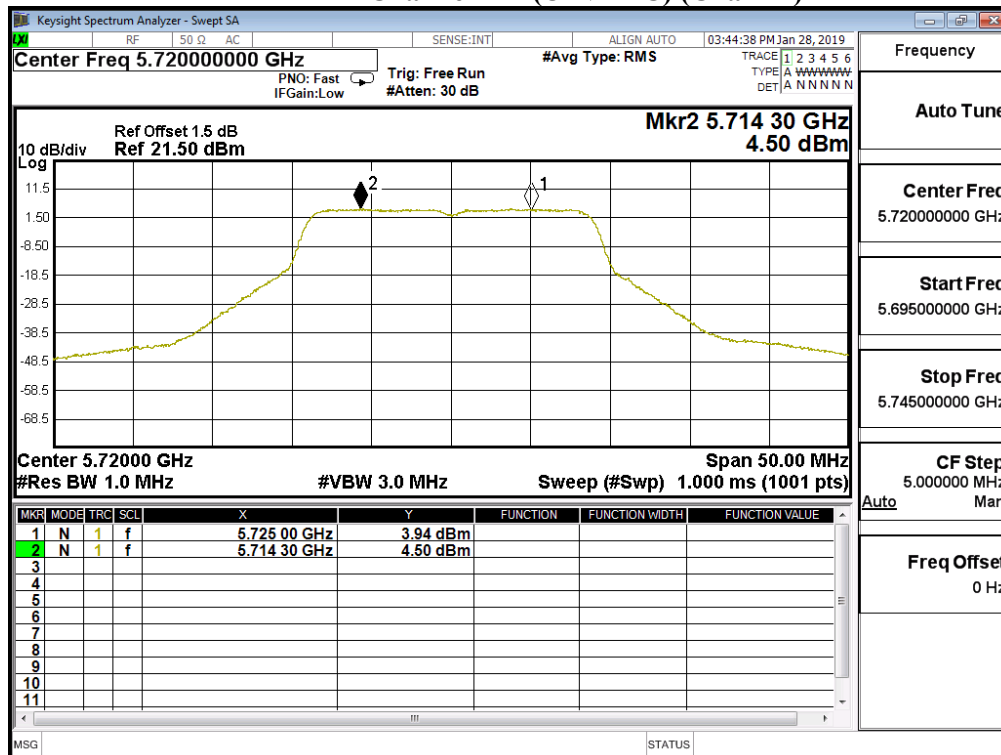
Channel 140 (Chain B)



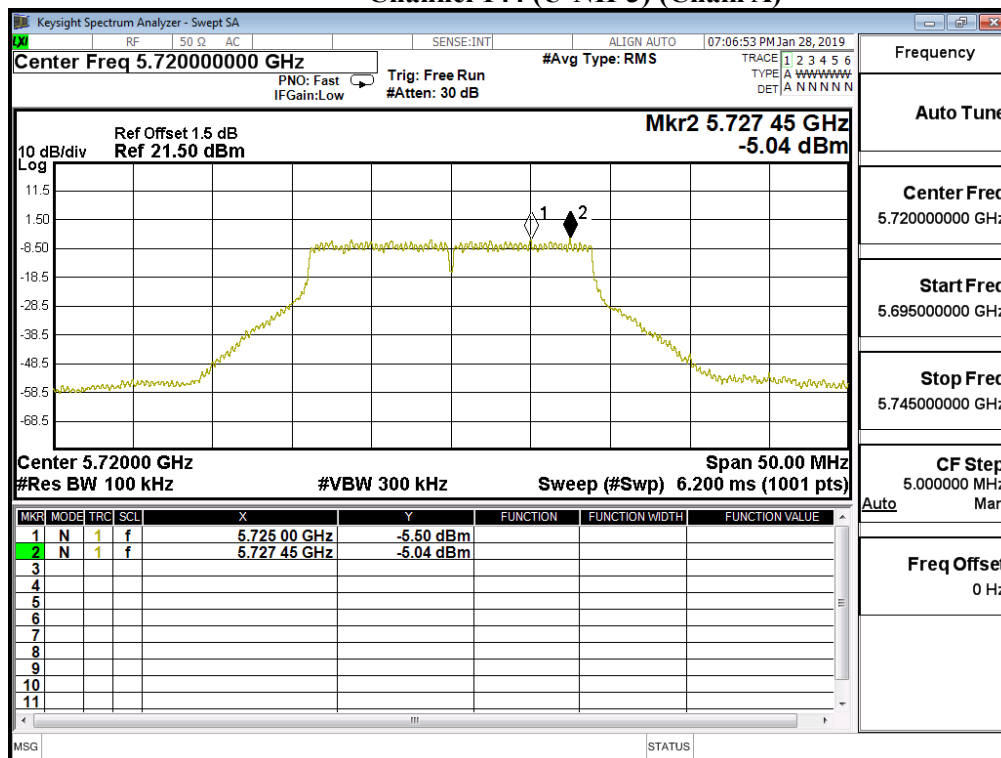
## Channel 144 (U-NII-2C) (Chain A)



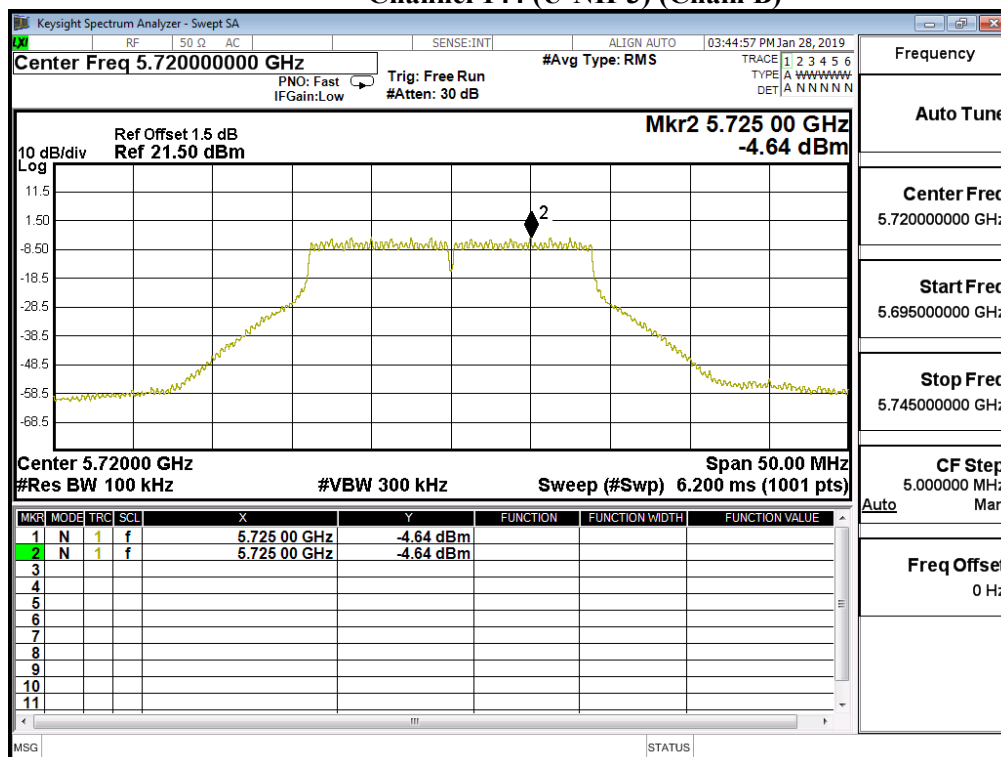
## Channel 144 (U-NII-2C) (Chain B)



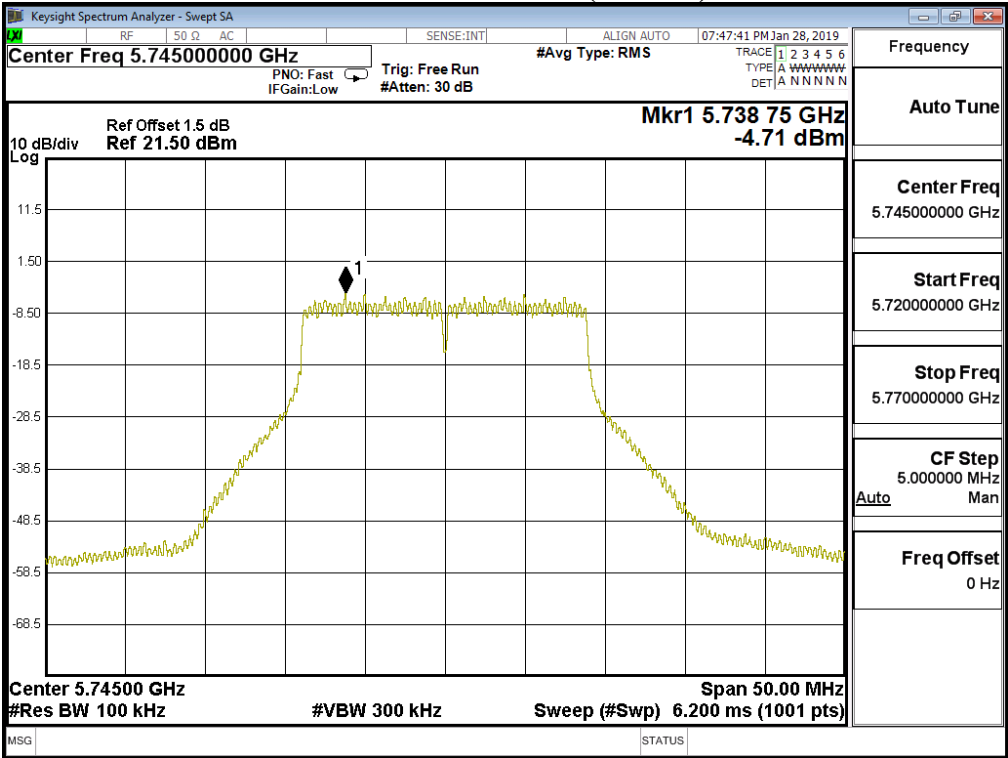
## Channel 144 (U-NII-3) (Chain A)



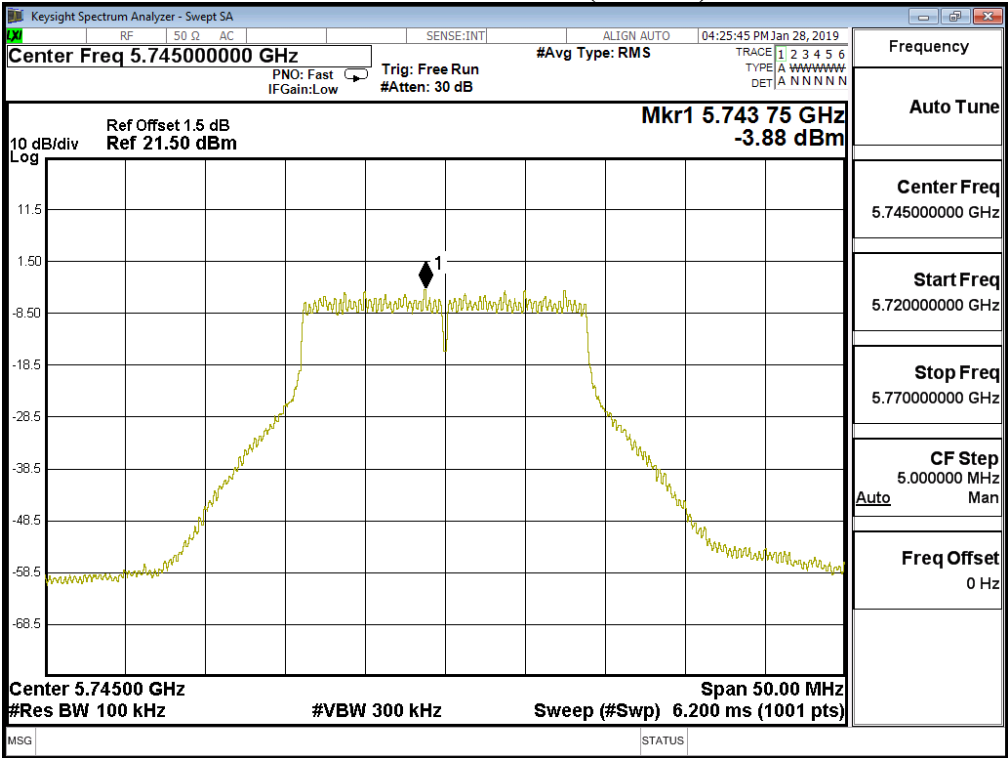
## Channel 144 (U-NII-3) (Chain B)



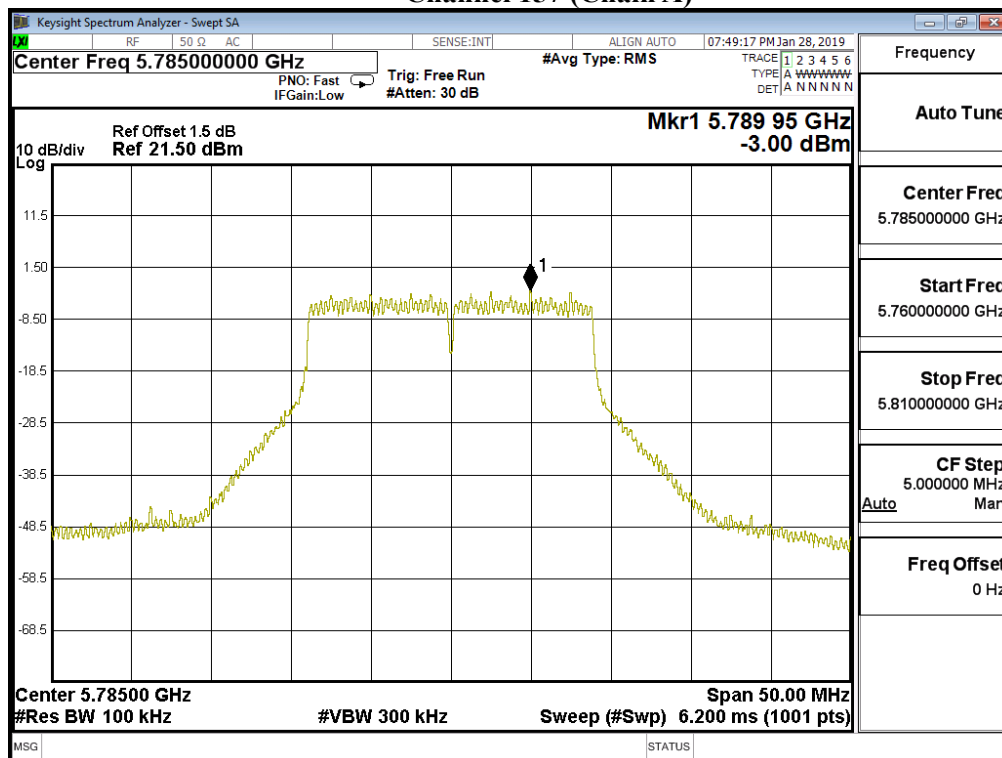
Channel 149 (Chain A)



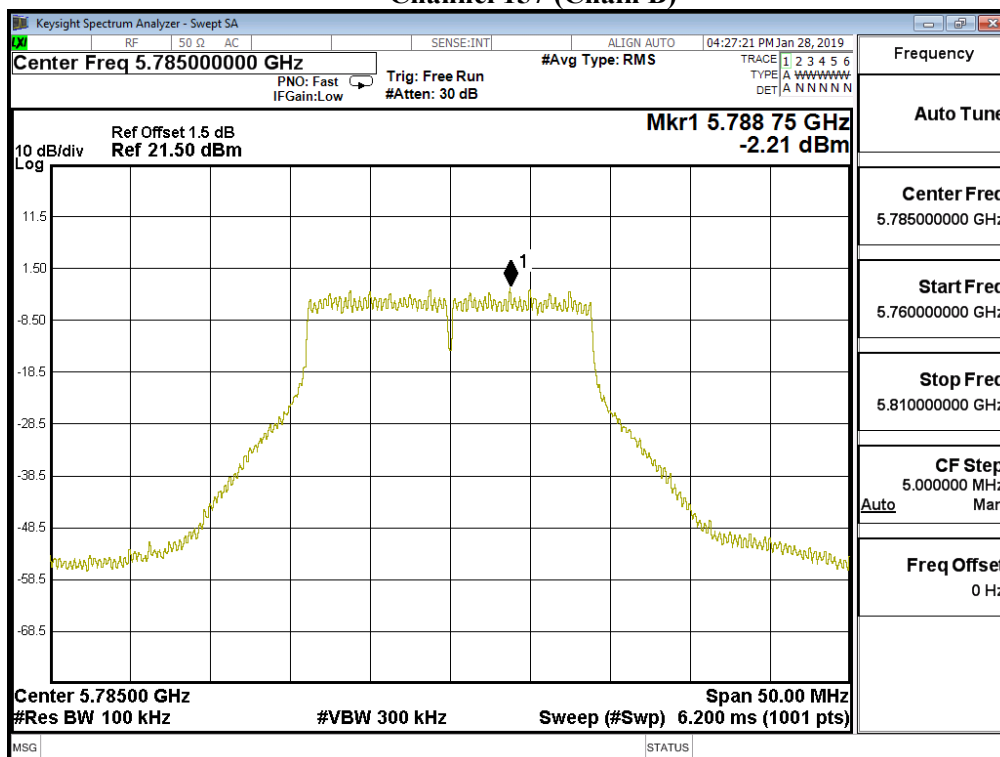
Channel 149 (Chain B)



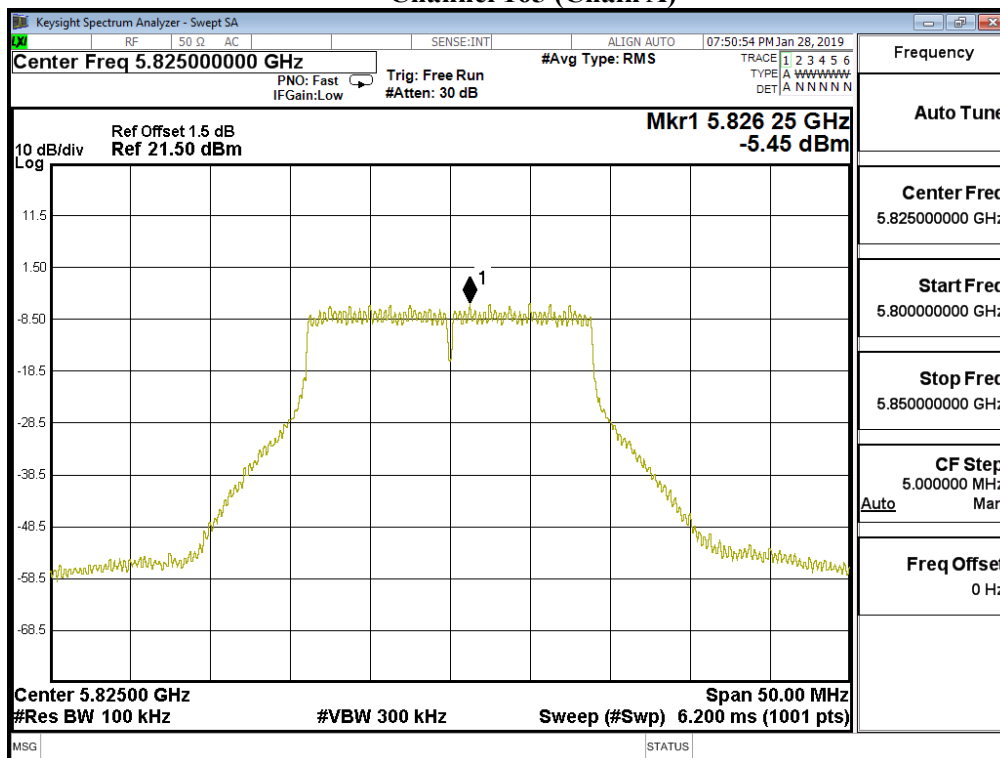
## Channel 157 (Chain A)



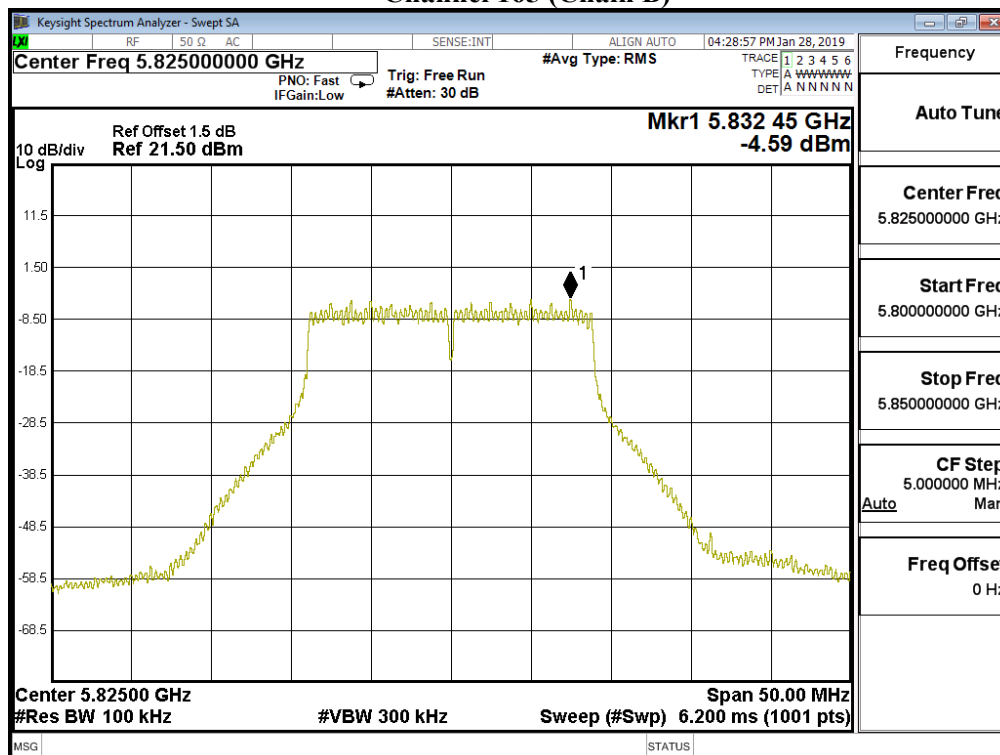
## Channel 157 (Chain B)



## Channel 165 (Chain A)



## Channel 165 (Chain B)



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：108 年 01 月 19 日

測試項目：峰值功率頻譜密度

測試模式：Mode 3: MIMO: 發射器 802.11n-40BW

視頻頻寬：3MHz

環境溫度：21 °C

環境濕度：53 %

| Channel Number | Frequency (MHz) | Chain (dBm) | PPSD/MHz (dBm) | Total PPSP/MHz (dBm) | Required Limit (dBm) | Result |
|----------------|-----------------|-------------|----------------|----------------------|----------------------|--------|
| 38             | 5190            | A           | -0.910         | 2.100                | <11                  | Pass   |
|                |                 | B           | -0.120         | 2.890                | <11                  | Pass   |
| 46             | 5230            | A           | 0.290          | 3.300                | <11                  | Pass   |
|                |                 | B           | 1.190          | 4.200                | <11                  | Pass   |
| 54             | 5270            | A           | 0.660          | 3.670                | <11                  | Pass   |
|                |                 | B           | 1.500          | 4.510                | <11                  | Pass   |
| 62             | 5310            | A           | -2.620         | 0.390                | <11                  | Pass   |
|                |                 | B           | -2.480         | 0.530                | <11                  | Pass   |
| 102            | 5510            | A           | -0.290         | 2.720                | <11                  | Pass   |
|                |                 | B           | 0.610          | 3.620                | <11                  | Pass   |
| 110            | 5550            | A           | 1.410          | 4.420                | <11                  | Pass   |
|                |                 | B           | 2.620          | 5.630                | <11                  | Pass   |
| 134            | 5670            | A           | 0.890          | 3.900                | <11                  | Pass   |
|                |                 | B           | 1.940          | 4.950                | <11                  | Pass   |

Note:

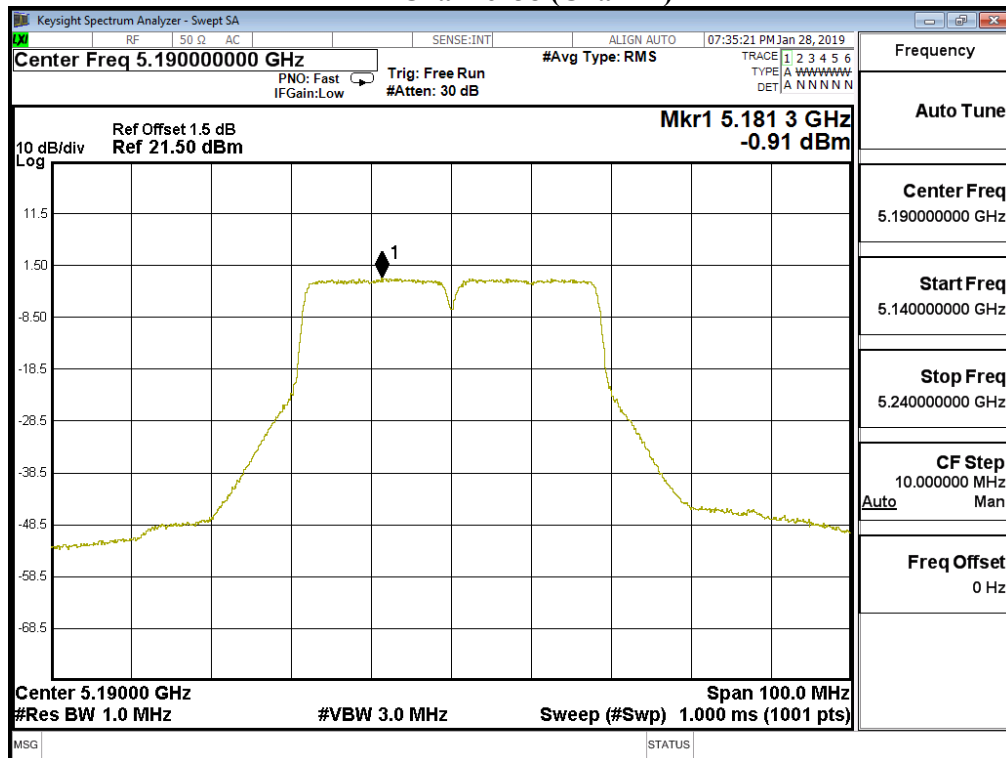
The quantity  $10 \cdot \log 2$  (two antennas) is added to the spectrum peak value according to document 662911 D01.

| Channel Number | Frequency (MHz) | Chain (dBm) | PPSD (dBm) | BWCF (dB) | Total PPSP (dBm) | Required Limit (dBm) | Result |
|----------------|-----------------|-------------|------------|-----------|------------------|----------------------|--------|
| 142 (U-NII-2C) | 5710            | A           | 1.990      | --        | 5.000            | <11                  | Pass   |
|                |                 | B           | 3.100      | --        | 6.110            | <11                  | Pass   |
| 142 (U-NII-3)  | 5710            | A           | -6.620     | 6.980     | 3.370            | <30                  | Pass   |
|                |                 | B           | -4.840     | 6.980     | 5.150            | <30                  | Pass   |
| 151            | 5755            | A           | -6.300     | 6.980     | 3.690            | <30                  | Pass   |
|                |                 | B           | -5.080     | 6.980     | 4.910            | <30                  | Pass   |
| 159            | 5795            | A           | -6.430     | 6.980     | 3.560            | <30                  | Pass   |
|                |                 | B           | -5.100     | 6.980     | 4.890            | <30                  | Pass   |

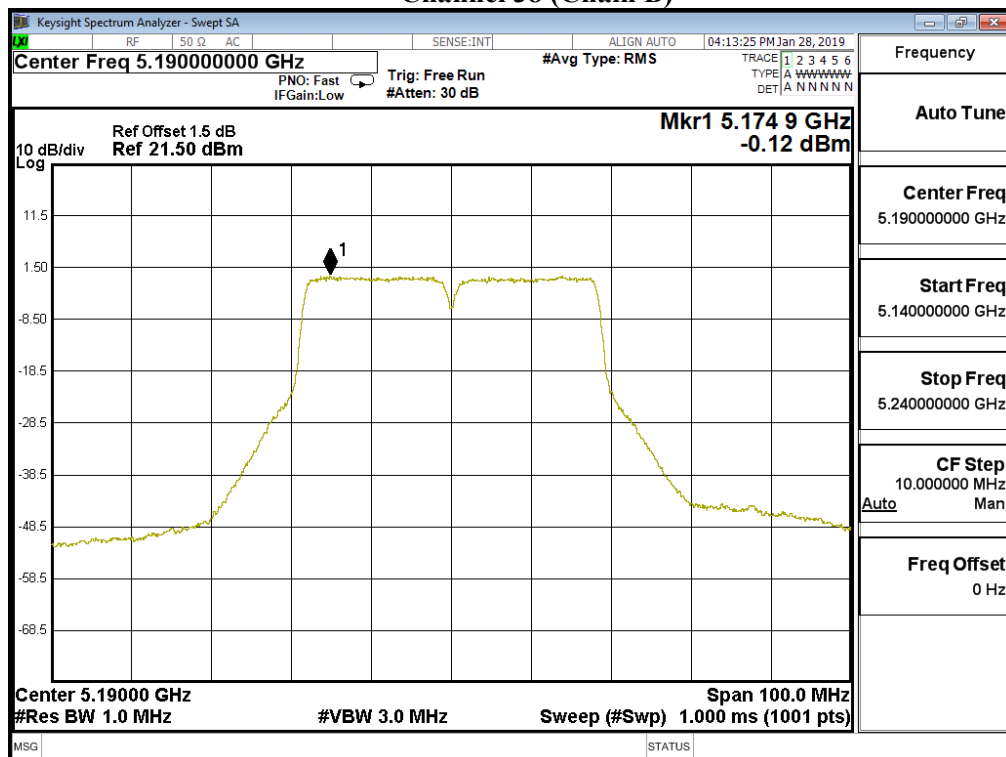
Note:

The quantity  $10 \cdot \log 2$  (two antennas) is added to the spectrum peak value according to document 662911 D01.

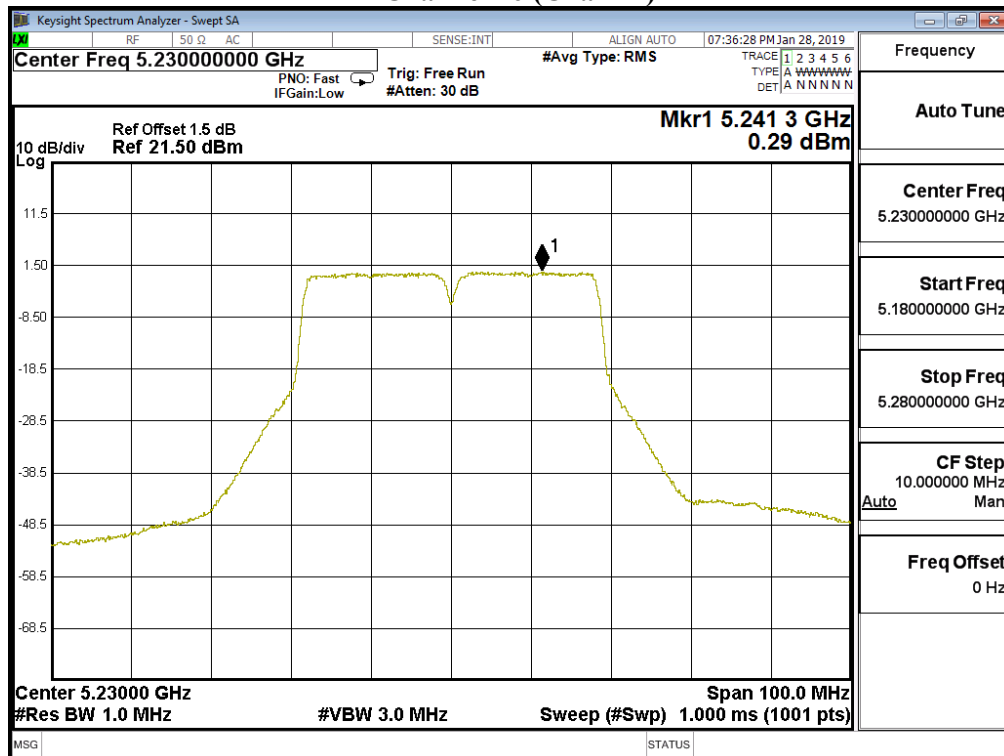
Channel 38 (Chain A)



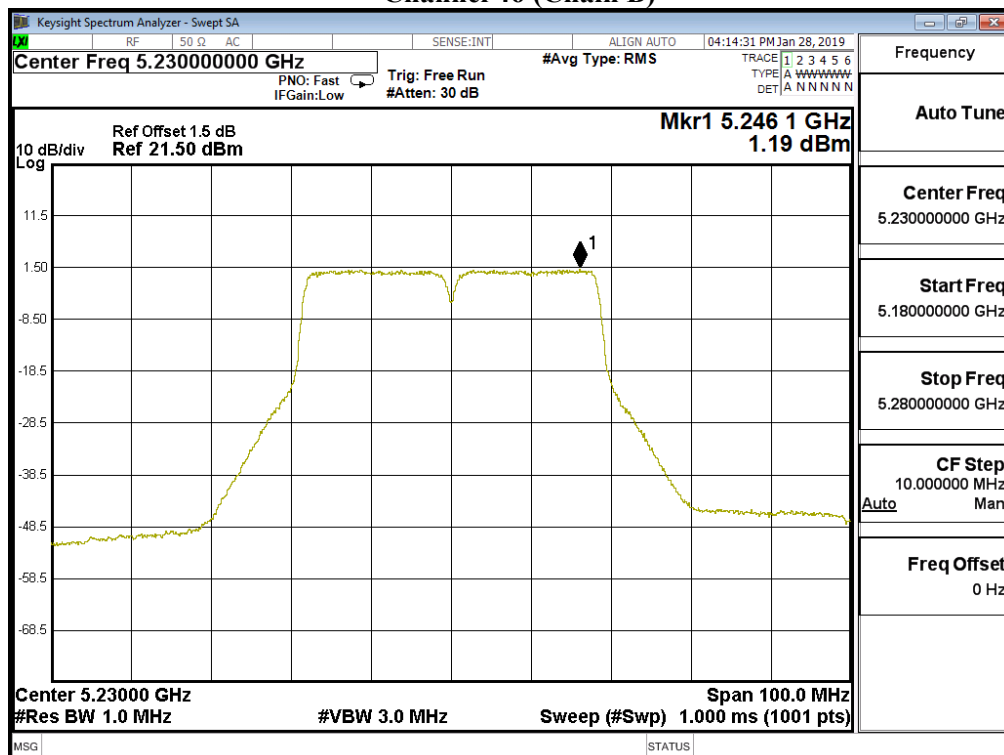
Channel 38 (Chain B)



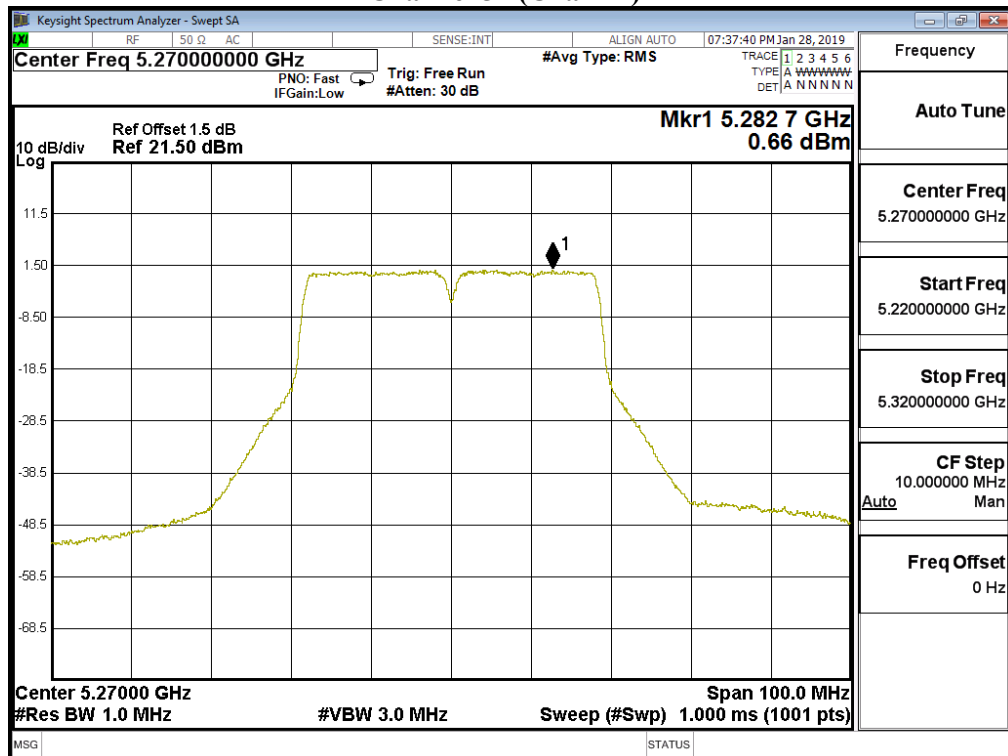
## Channel 46 (Chain A)



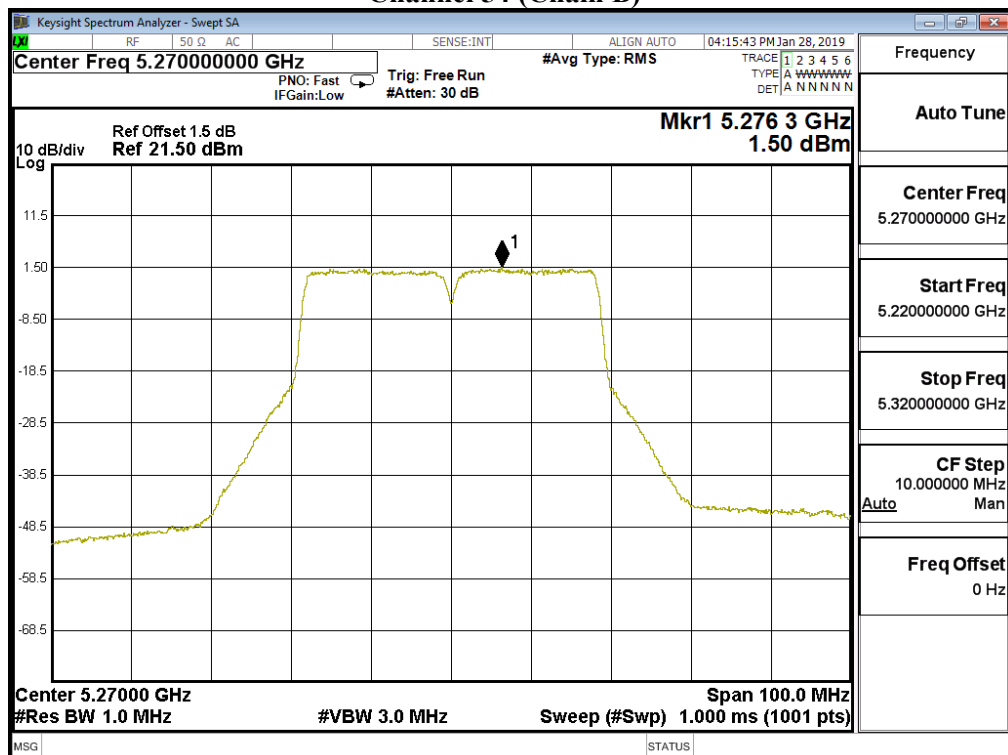
## Channel 46 (Chain B)



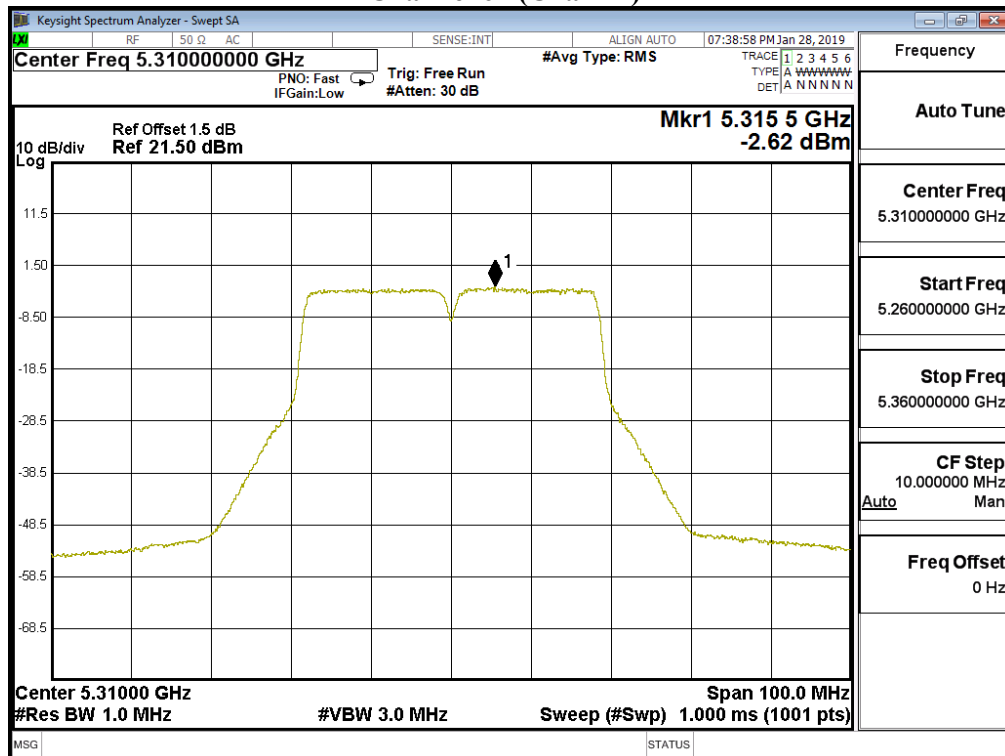
## Channel 54 (Chain A)



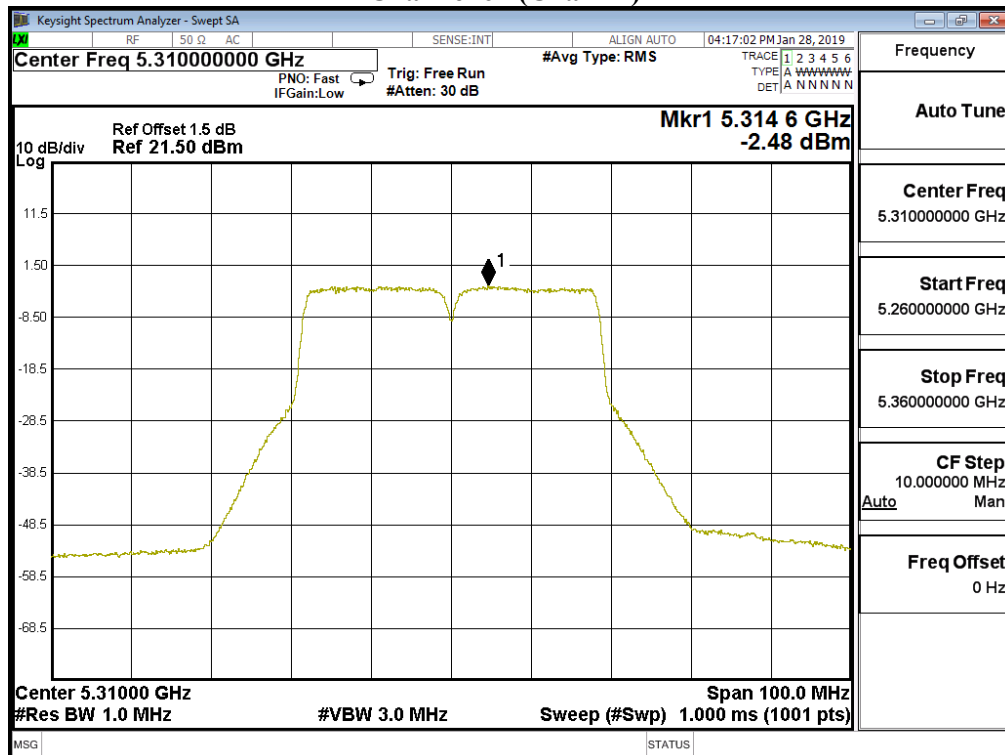
## Channel 54 (Chain B)



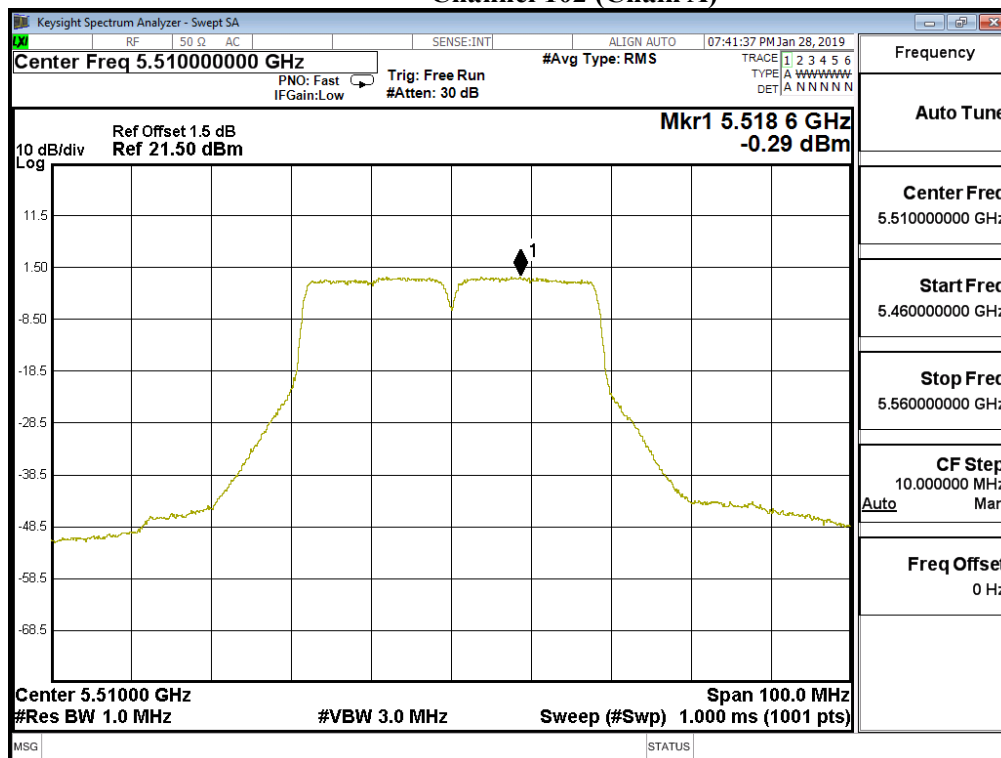
Channel 62 (Chain A)



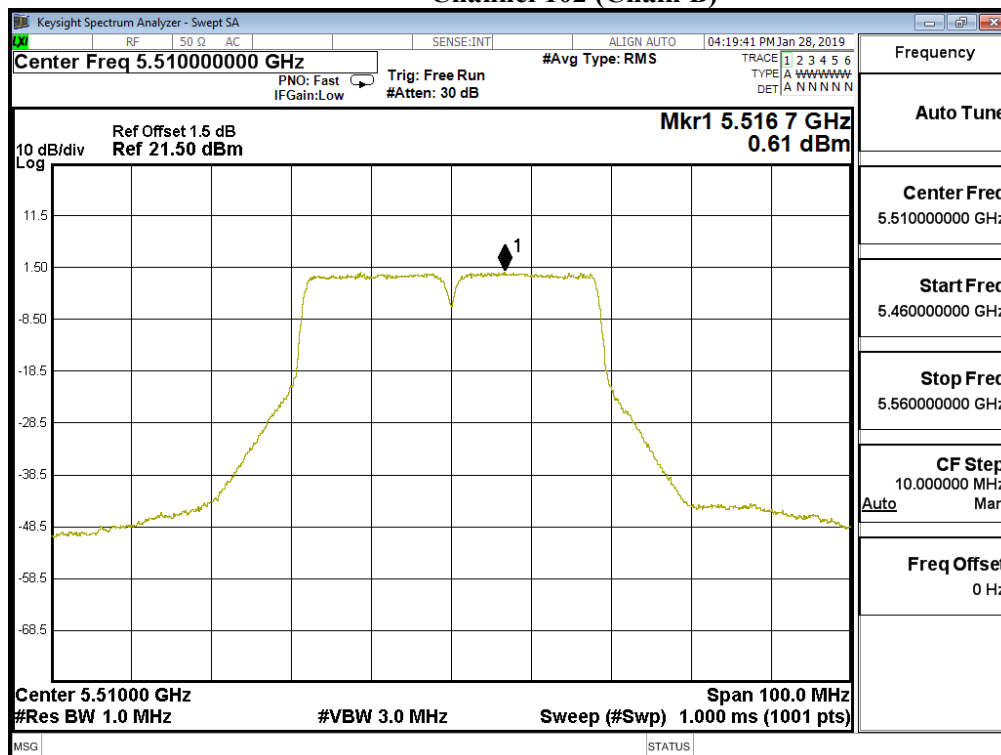
Channel 62 (Chain B)



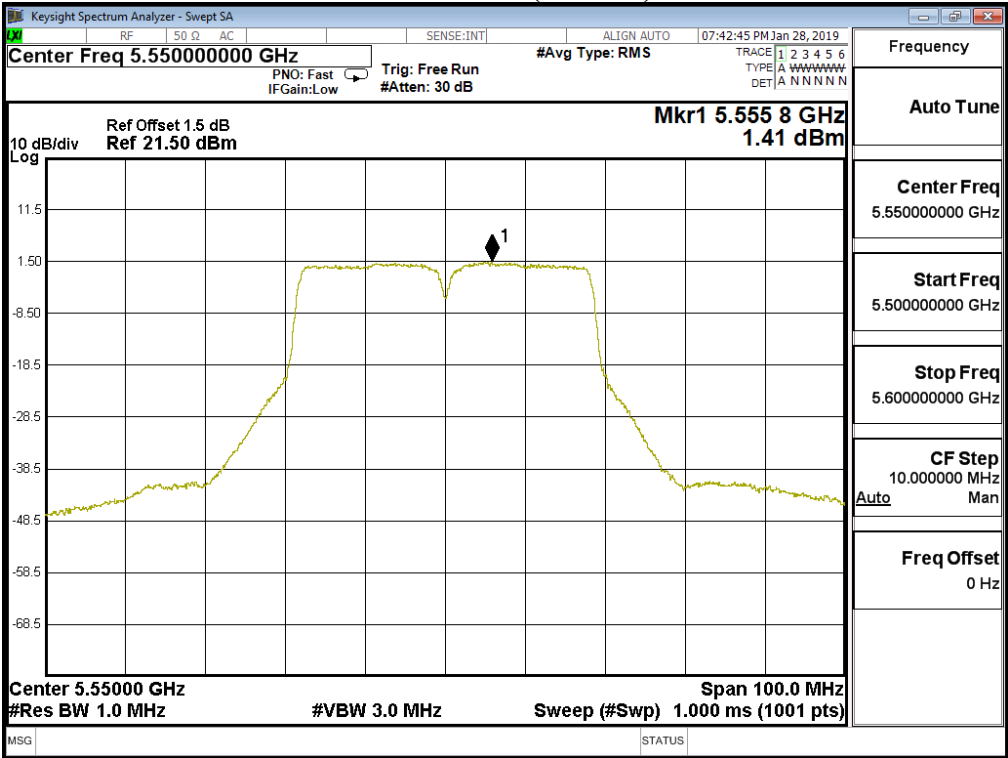
## Channel 102 (Chain A)



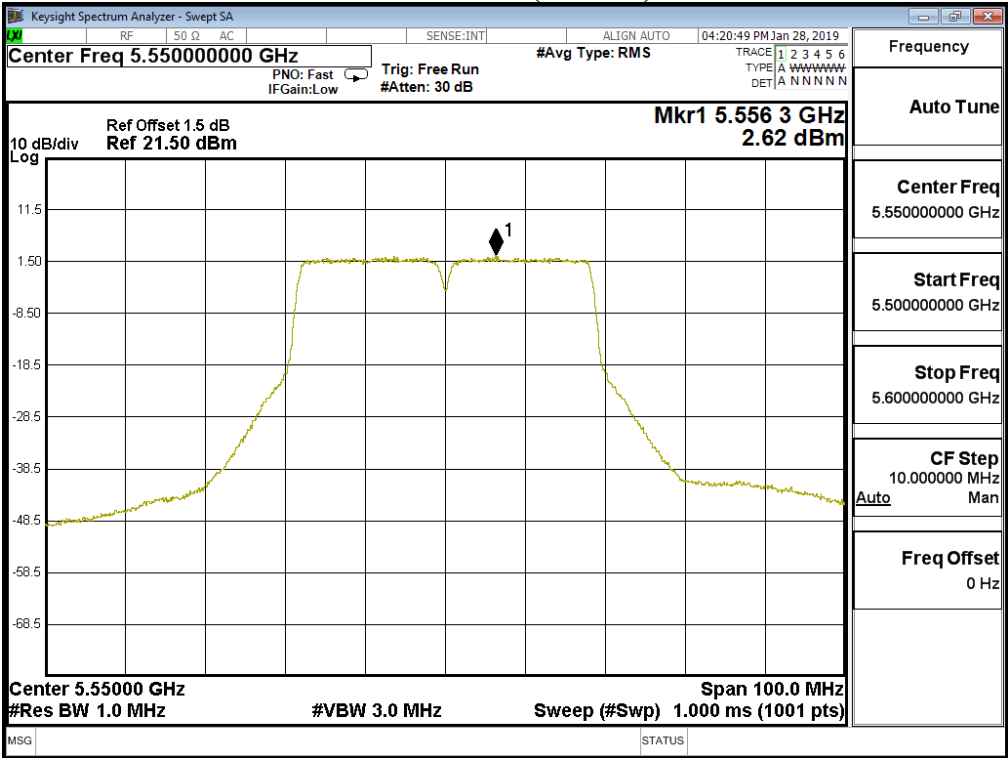
## Channel 102 (Chain B)



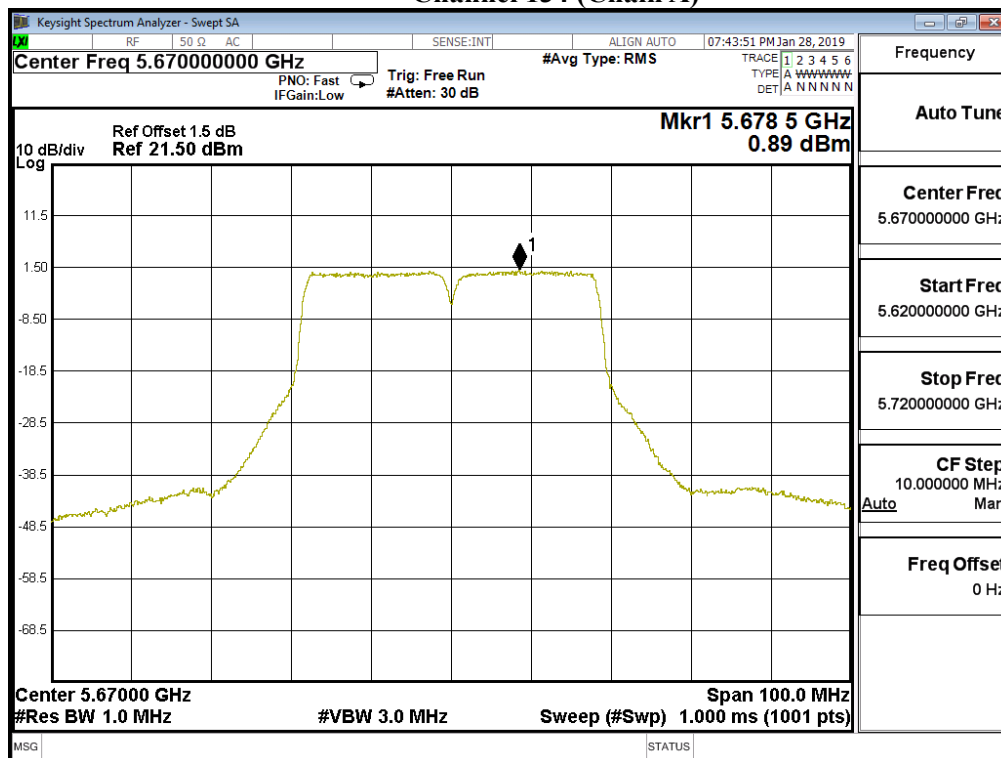
Channel 110 (Chain A)



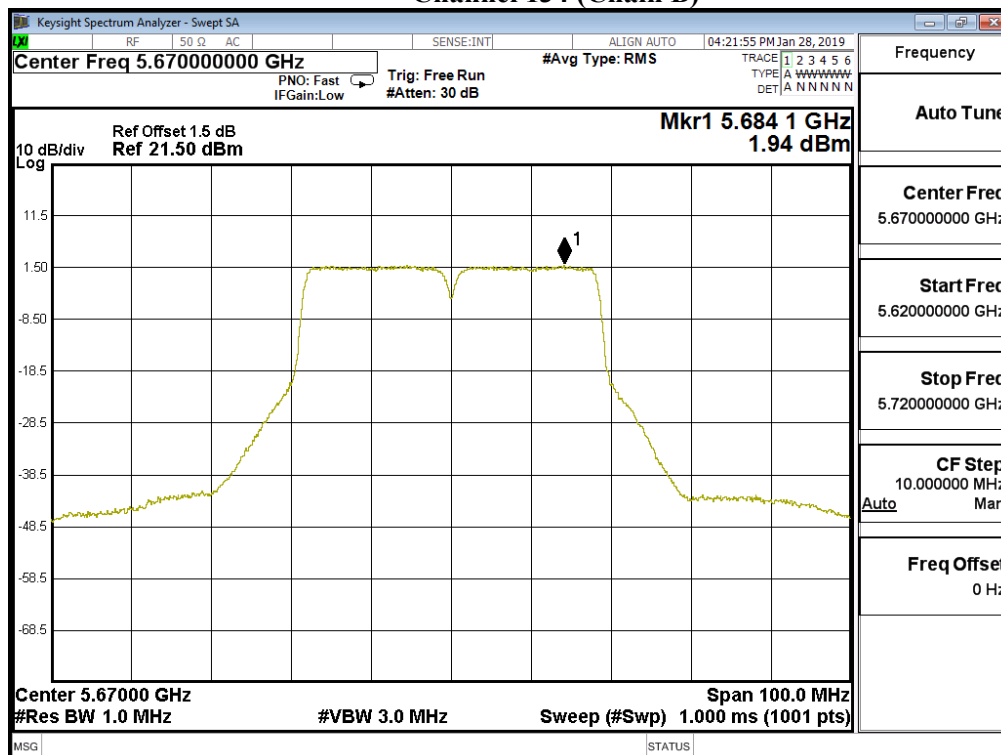
Channel 110 (Chain B)



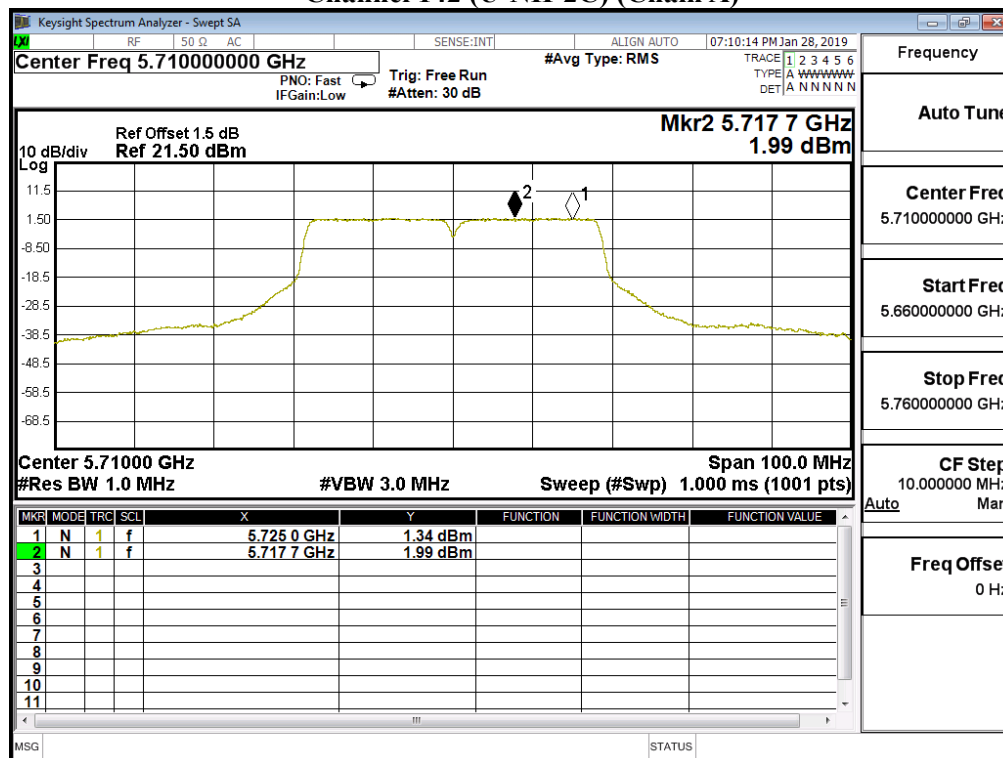
## Channel 134 (Chain A)



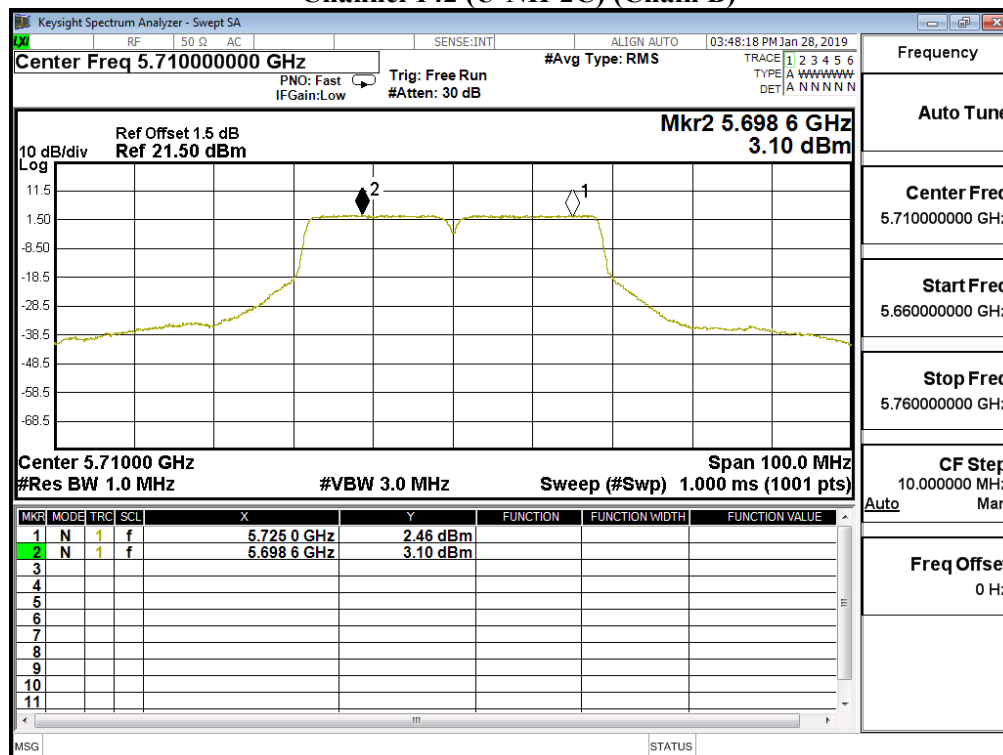
## Channel 134 (Chain B)



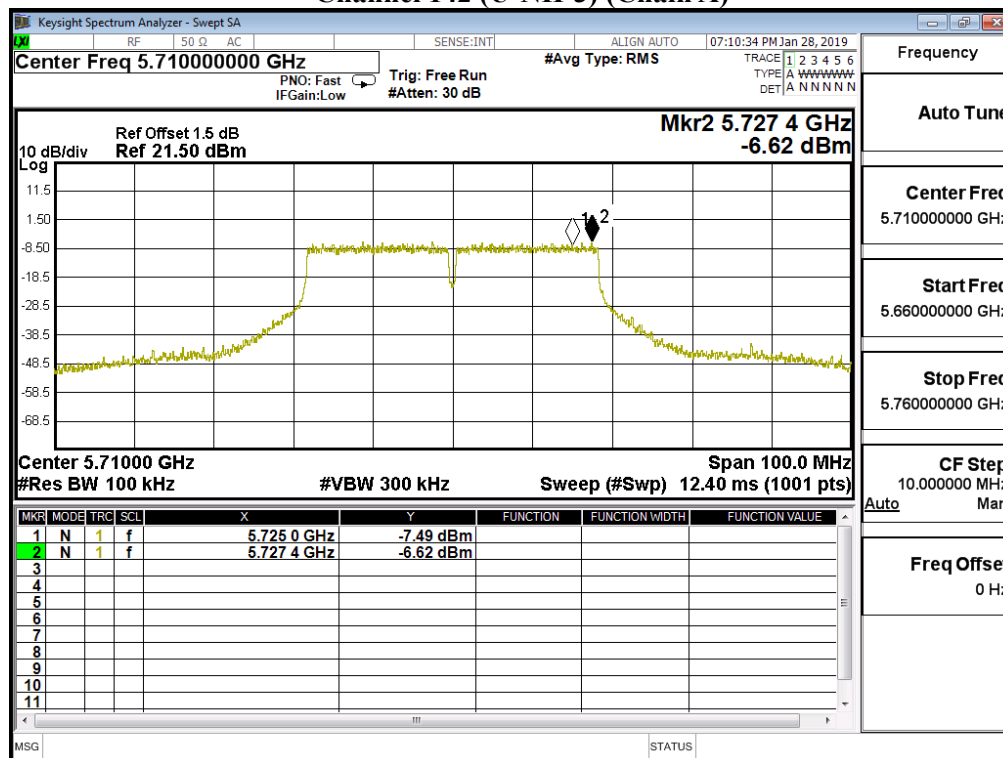
## Channel 142 (U-NII-2C) (Chain A)



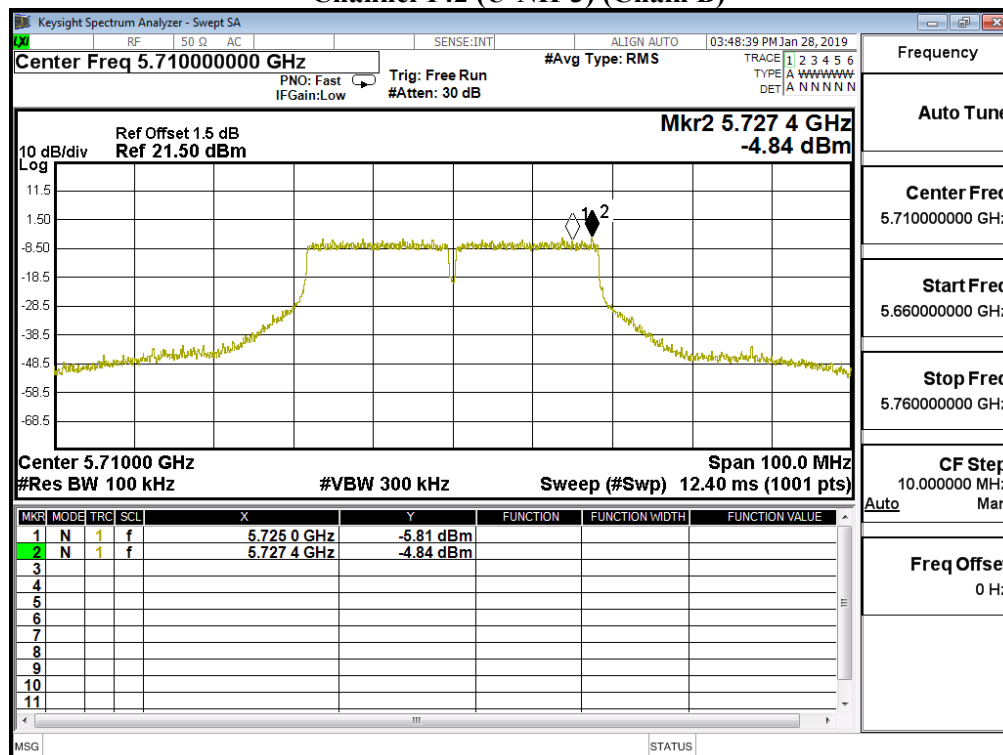
## Channel 142 (U-NII-2C) (Chain B)



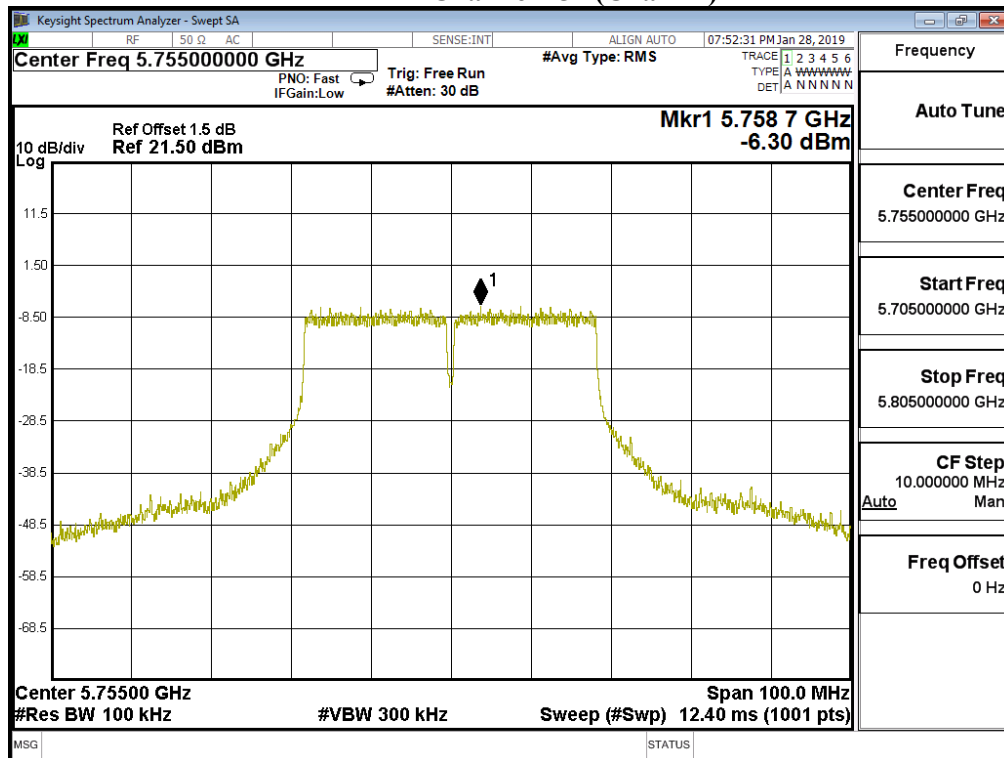
## Channel 142 (U-NII-3) (Chain A)



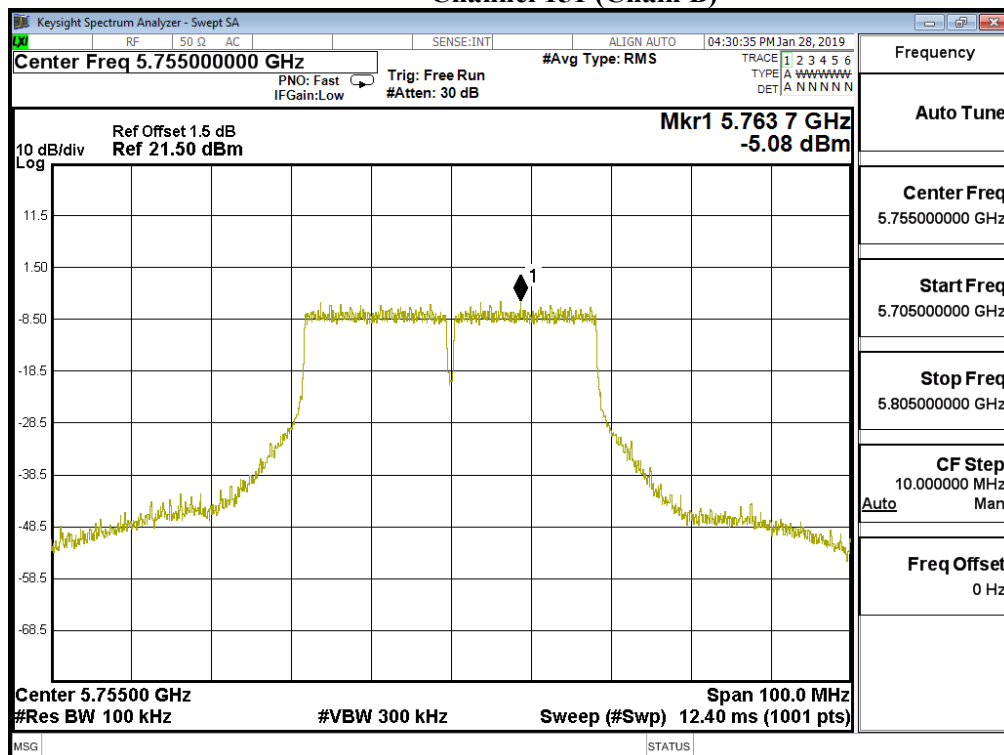
## Channel 142 (U-NII-3) (Chain B)



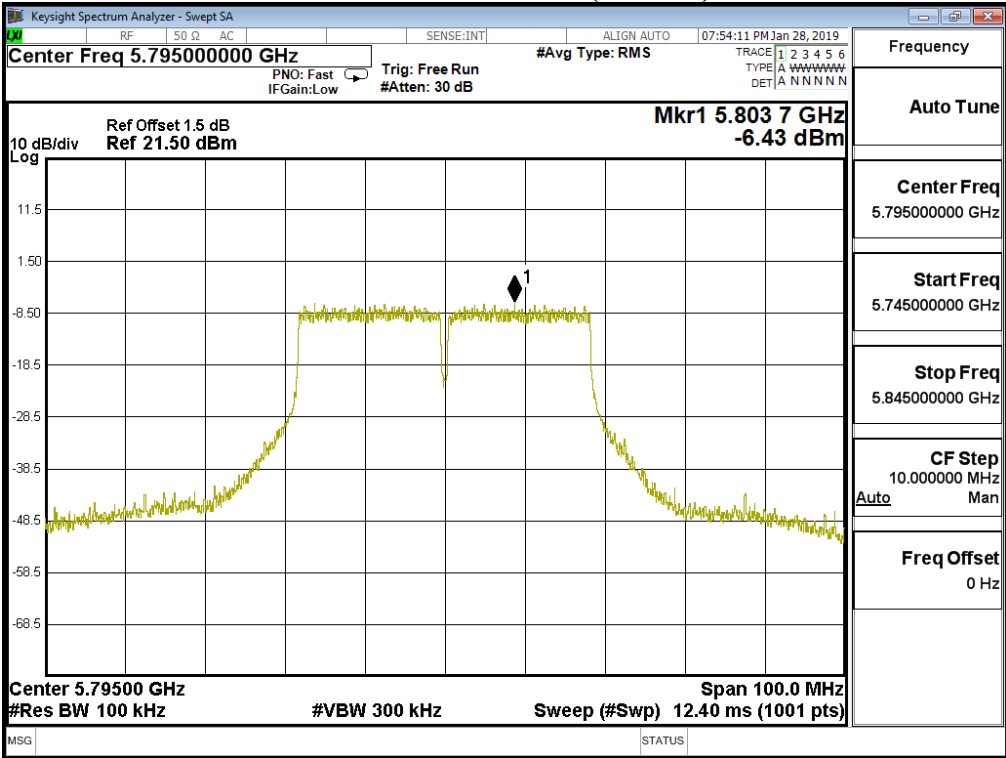
## Channel 151 (Chain A)



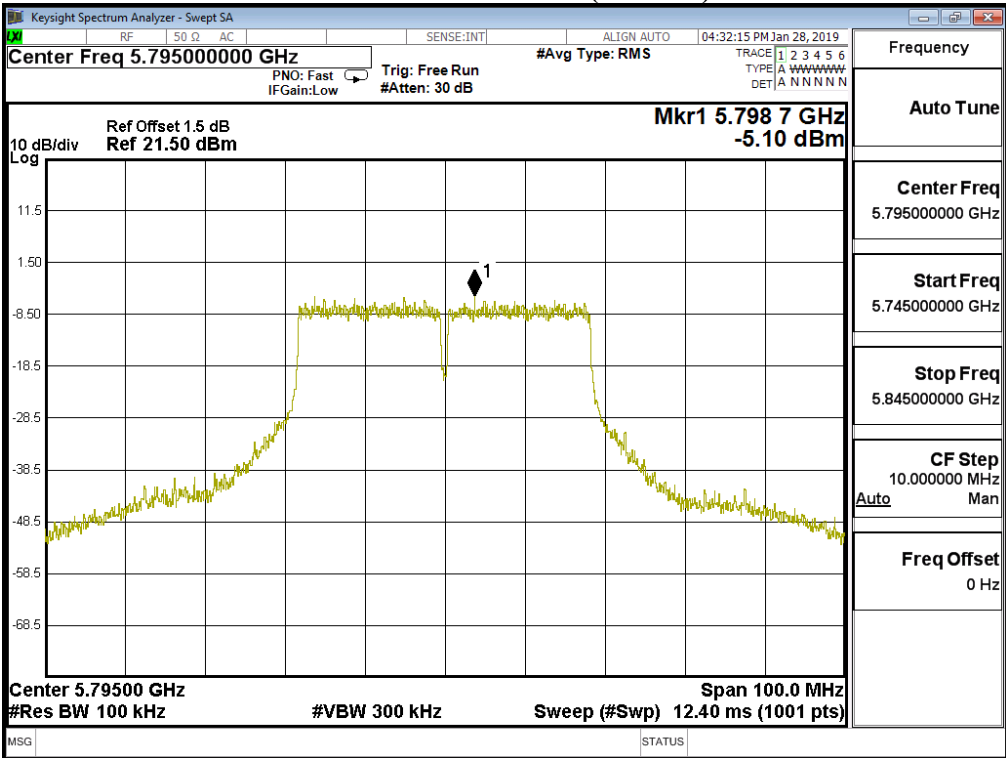
## Channel 151 (Chain B)



Channel 159 (Chain A)



Channel 159 (Chain B)



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：108 年 01 月 19 日

測試項目：峰值功率頻譜密度

測試模式：Mode 3: MIMO: 發射器 802.11ac-80BW

視頻頻寬：3MHz

環境溫度：21 °C

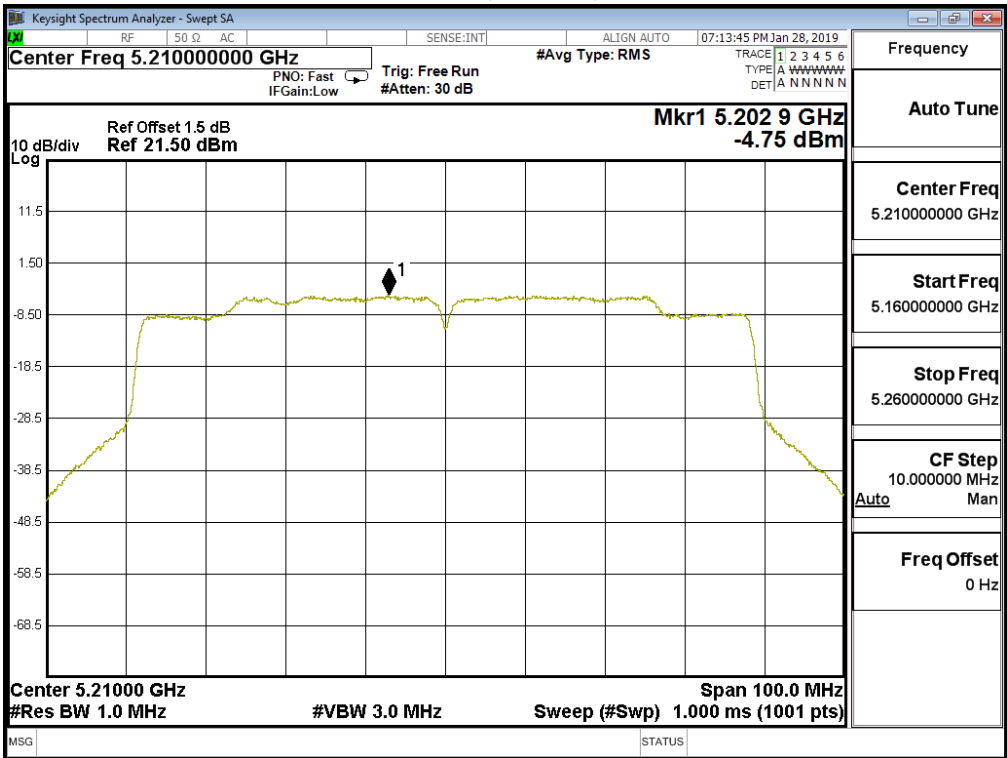
環境濕度：53 %

| Channel Number | Frequency (MHz) | Chain (dBm) | PPSD (dBm) | BWCF (dB) | Total PSD (dBm) | Required Limit (dBm) | Result |
|----------------|-----------------|-------------|------------|-----------|-----------------|----------------------|--------|
| 42             | 5210            | A           | -4.750     | --        | -1.740          | <11                  | Pass   |
|                |                 | B           | -4.010     | --        | -1.000          | <11                  | Pass   |
| 58             | 5290            | A           | -3.580     | --        | -0.570          | <11                  | Pass   |
|                |                 | B           | -2.920     | --        | 0.090           | <11                  | Pass   |
| 106            | 5530            | A           | -2.890     | --        | 0.120           | <11                  | Pass   |
|                |                 | B           | -2.130     | --        | 0.880           | <11                  | Pass   |
| 122            | 5610            | A           | -1.650     | --        | 1.360           | <11                  | Pass   |
|                |                 | B           | -0.470     | --        | 2.540           | <11                  | Pass   |
| 138 (U-NII-2C) | 5690            | A           | -1.890     | --        | 1.120           | <11                  | Pass   |
|                |                 | B           | -1.020     | --        | 1.990           | <11                  | Pass   |
| 138 (U-NII-3)  | 5690            | A           | -14.510    | 6.98      | -4.520          | <30                  | Pass   |
|                |                 | B           | -13.410    | 6.98      | -3.420          | <30                  | Pass   |
| 155            | 5775            | A           | -9.880     | 6.98      | 0.110           | <30                  | Pass   |
|                |                 | B           | -8.860     | 6.98      | 1.130           | <30                  | Pass   |

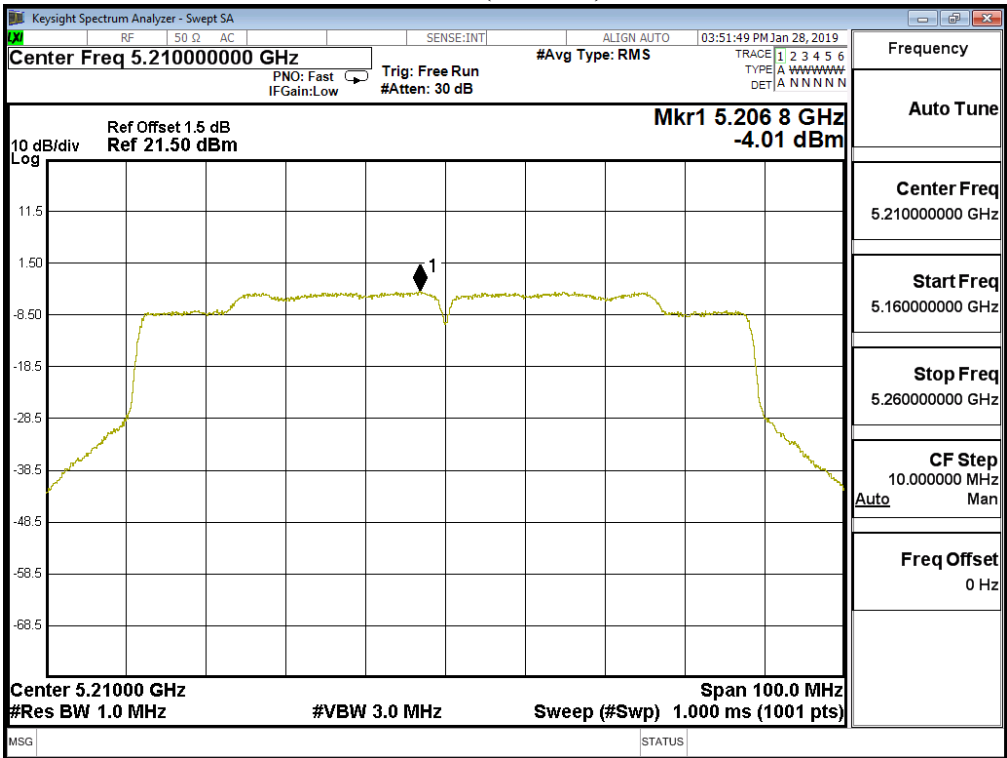
Note:

The quantity  $10 \cdot \log 2$  (two antennas) is added to the spectrum peak value according to document 662911 D01.

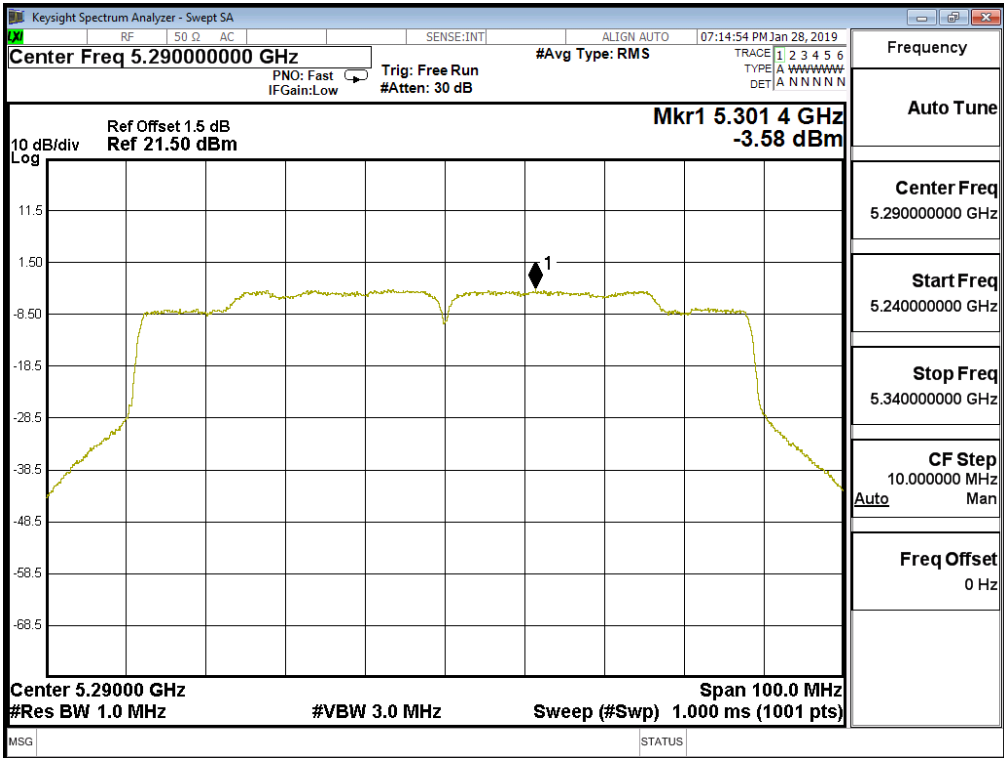
Channel 42 (Chain A)



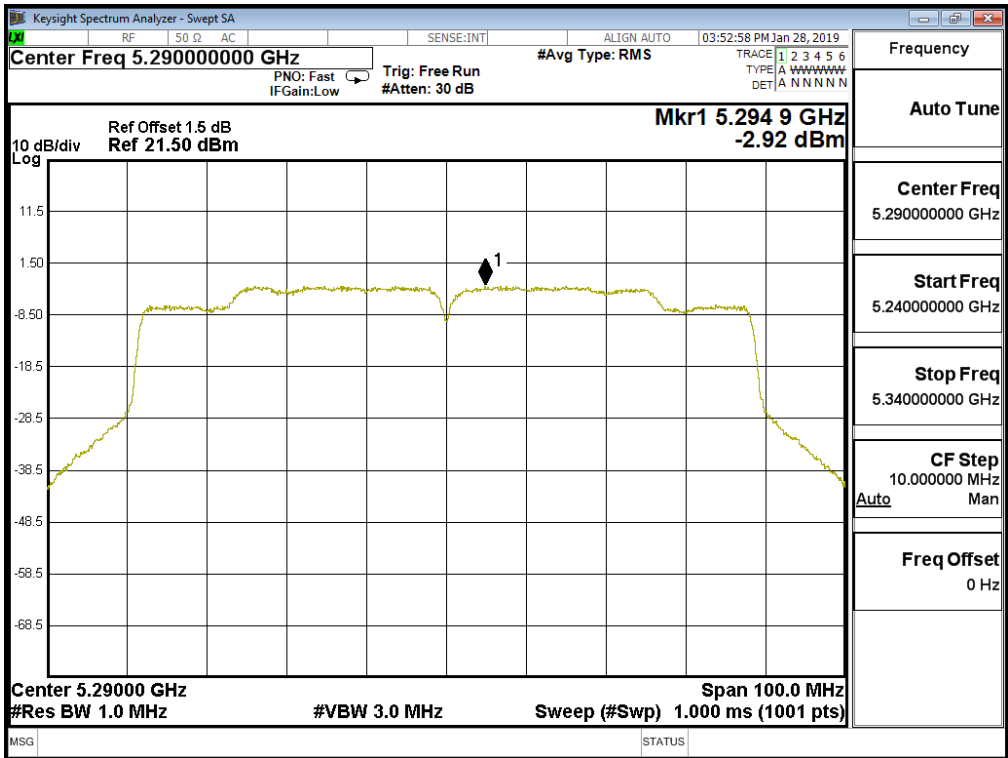
Channel 42 (Chain B)



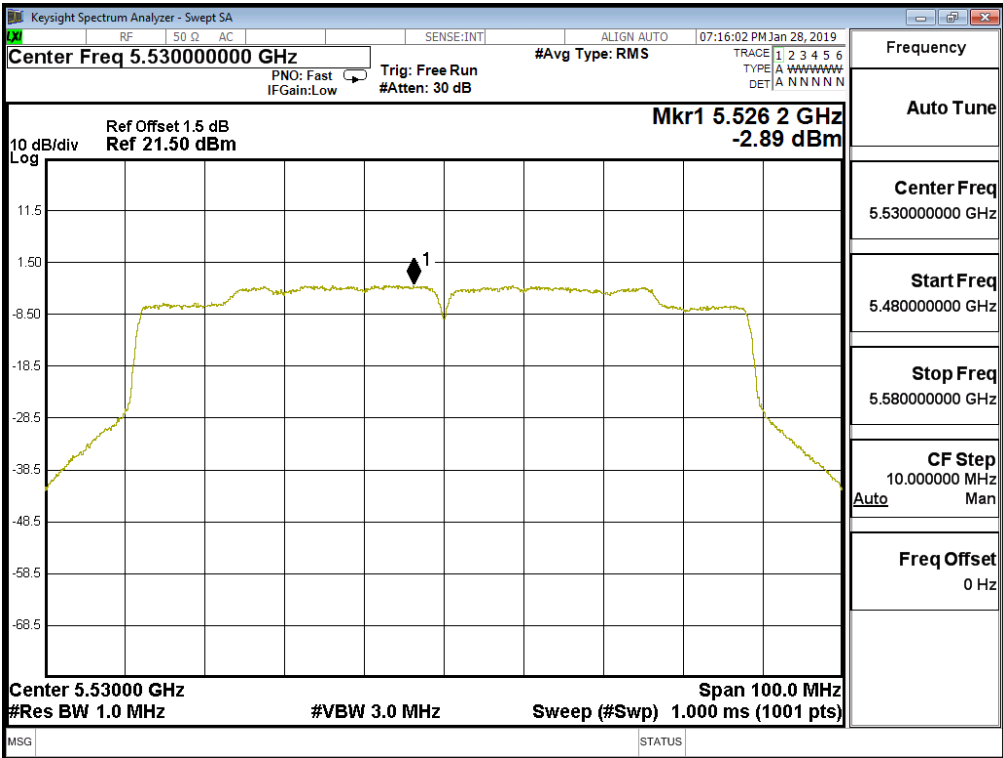
Channel 58 (Chain A)



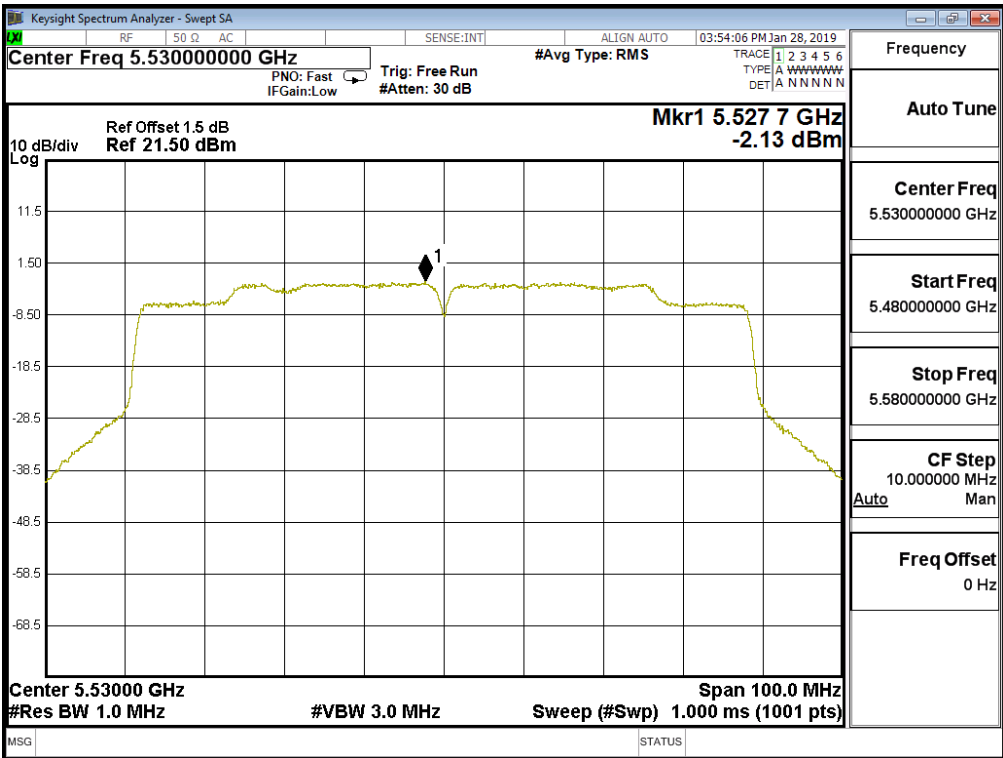
Channel 58 (Chain B)



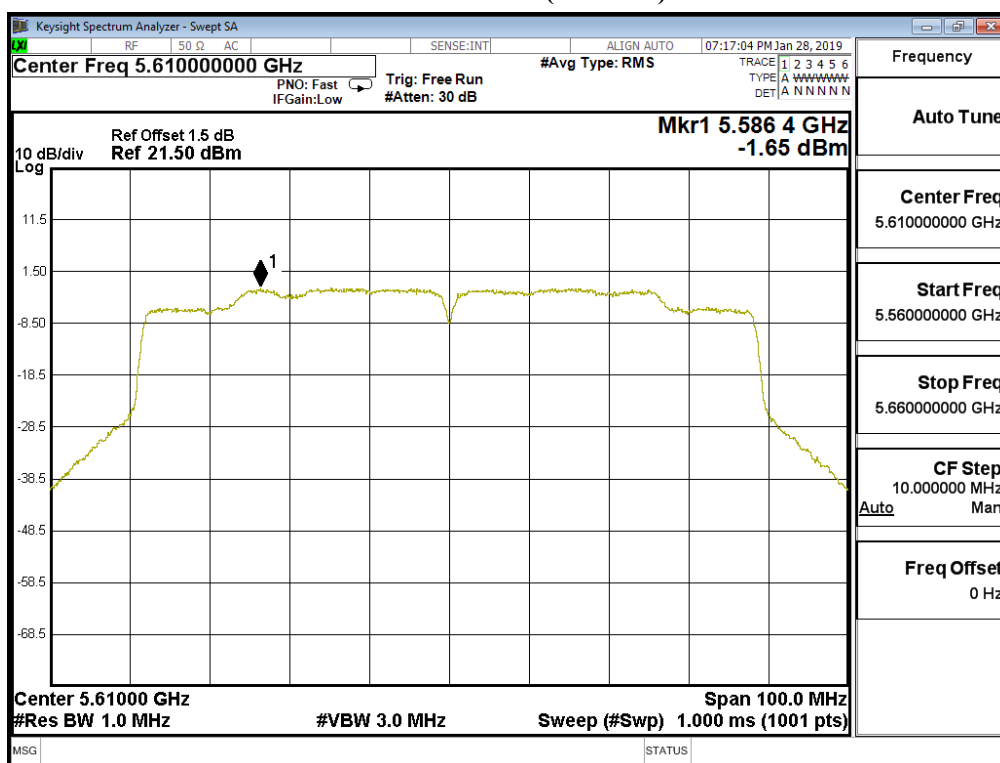
Channel 106 (Chain A)



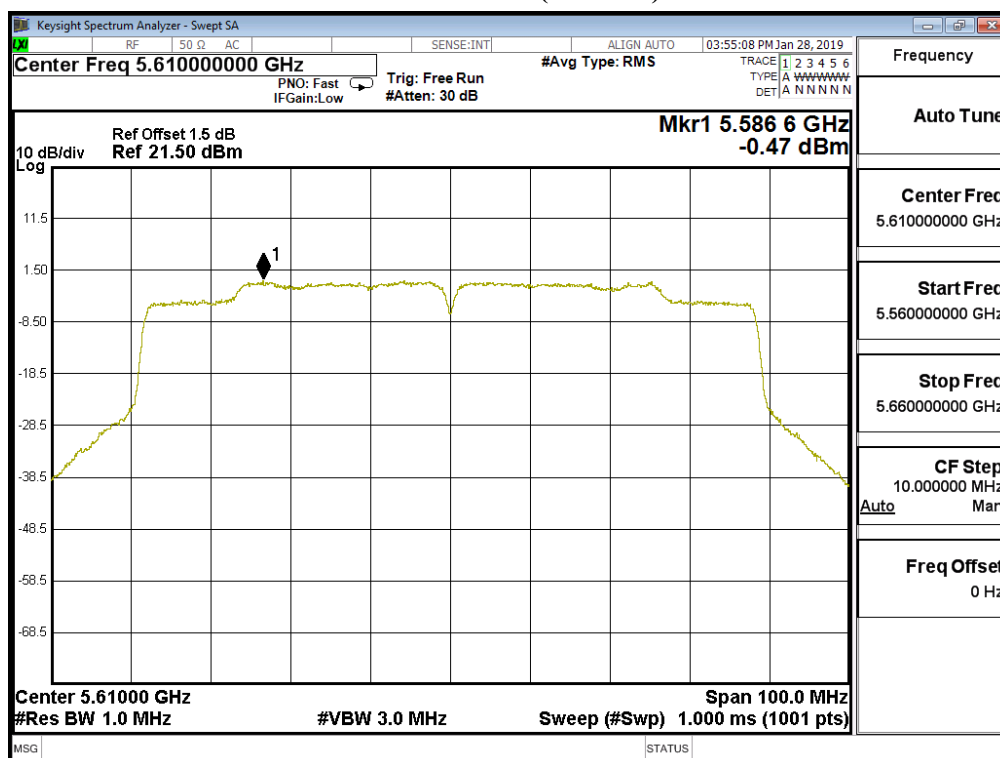
Channel 106 (Chain B)



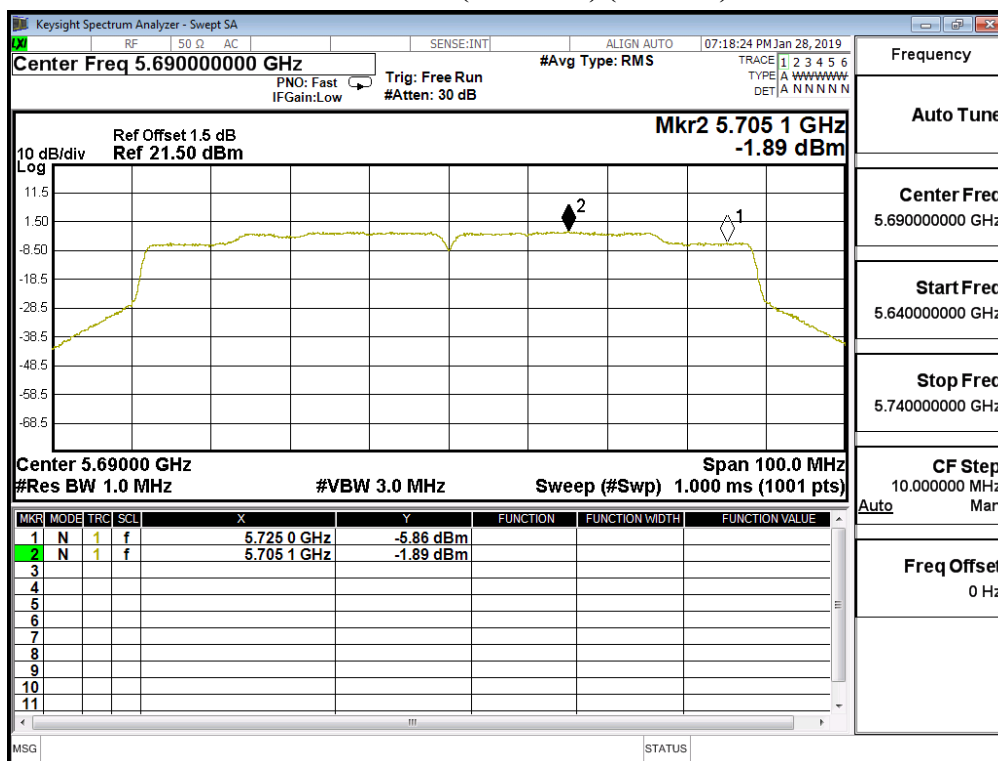
## Channel 122 (Chain A)



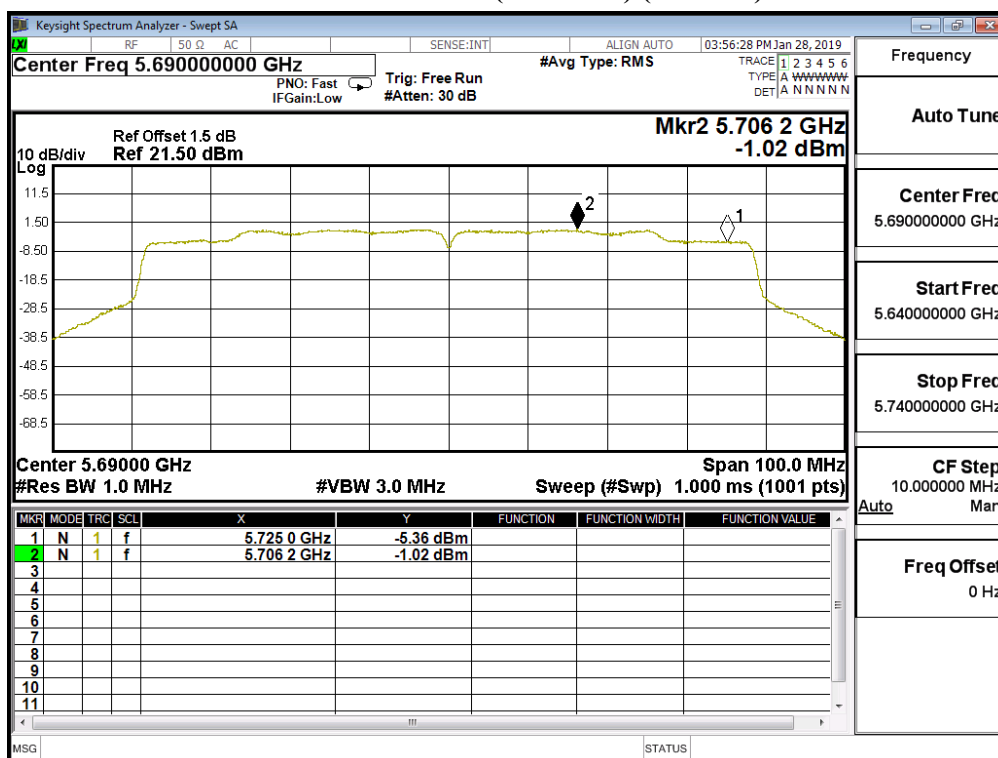
## Channel 122 (Chain B)



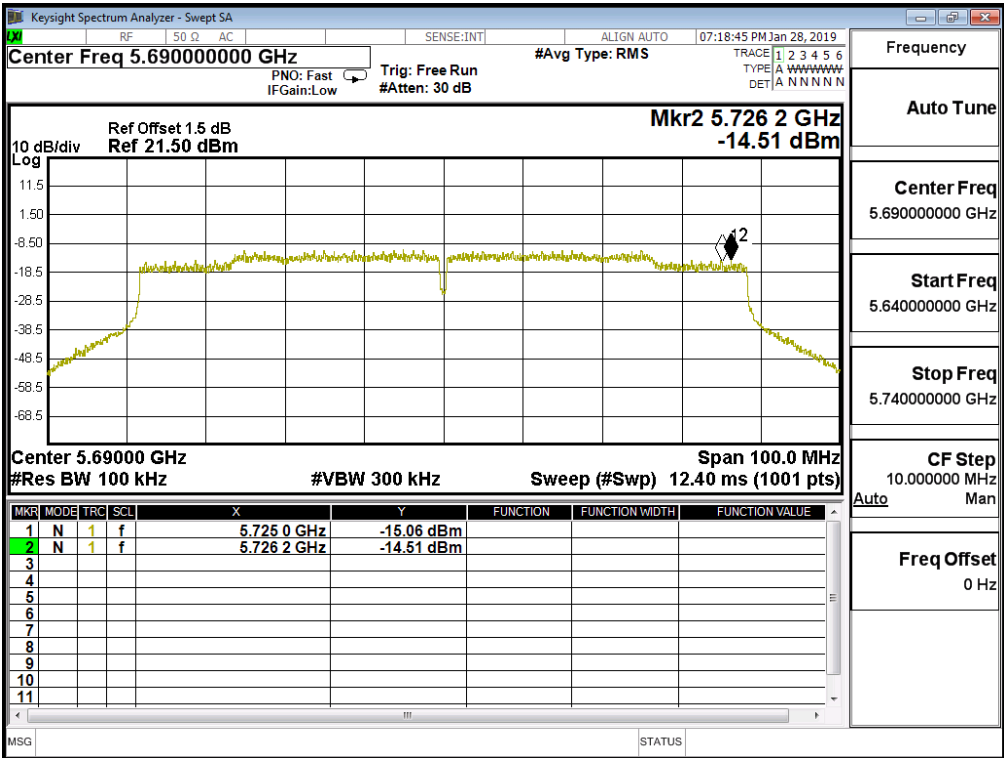
## Channel 138 (U-NII-2C) (Chain A)



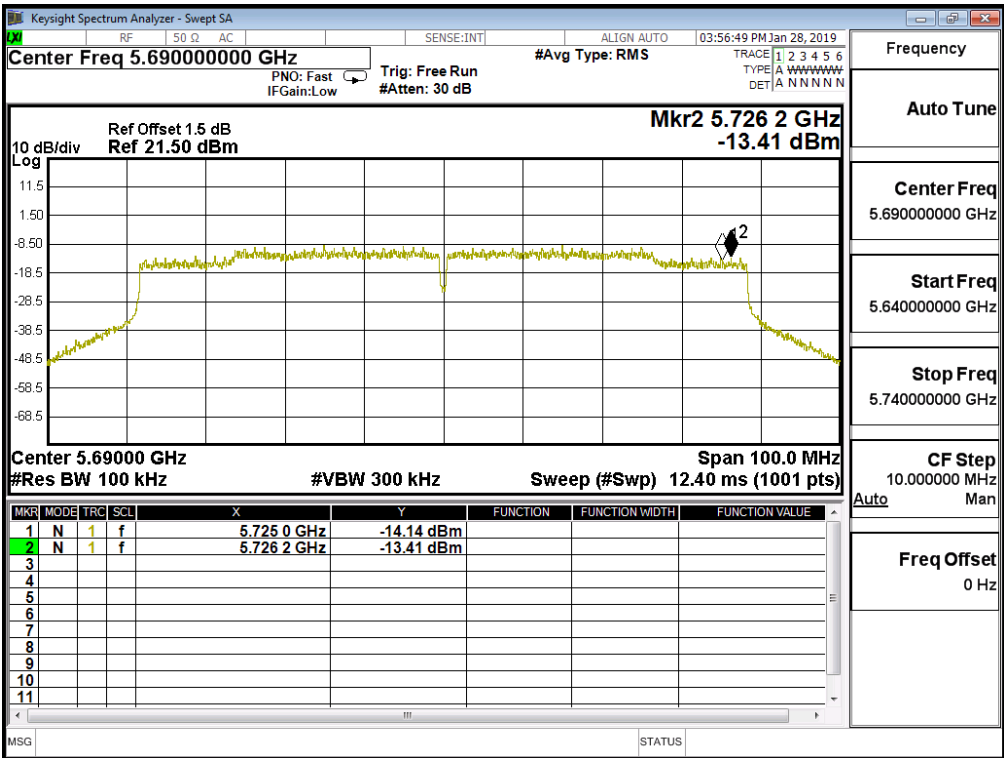
## Channel 138 (U-NII-2C) (Chain B)



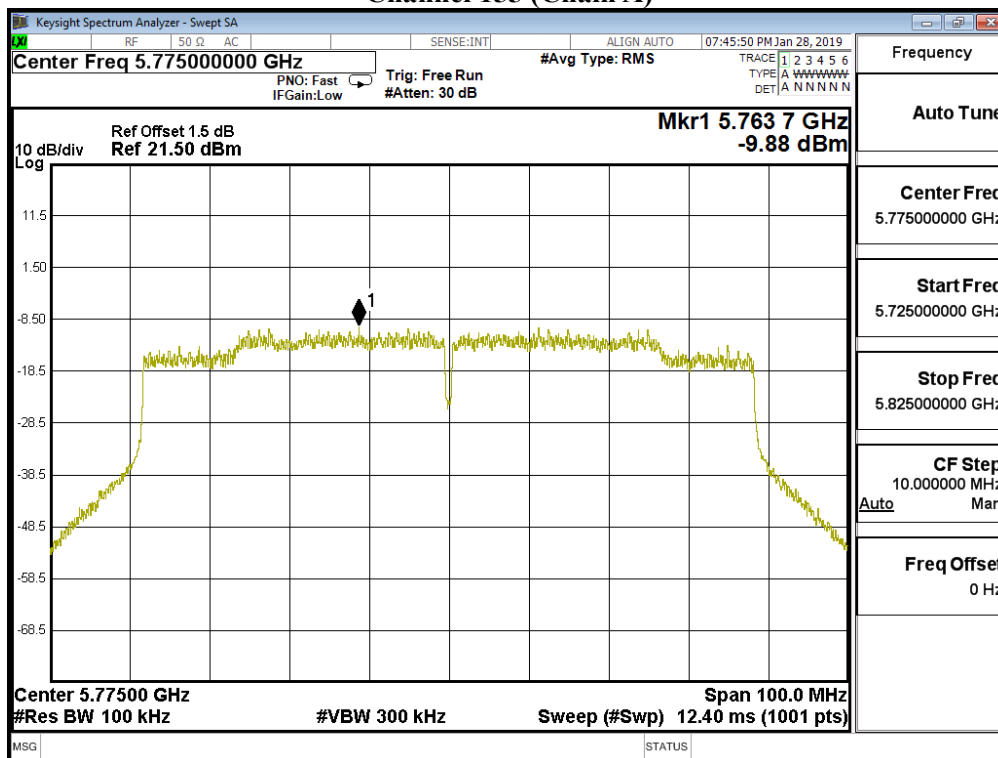
Channel 138 (U-NII-3) (Chain A)



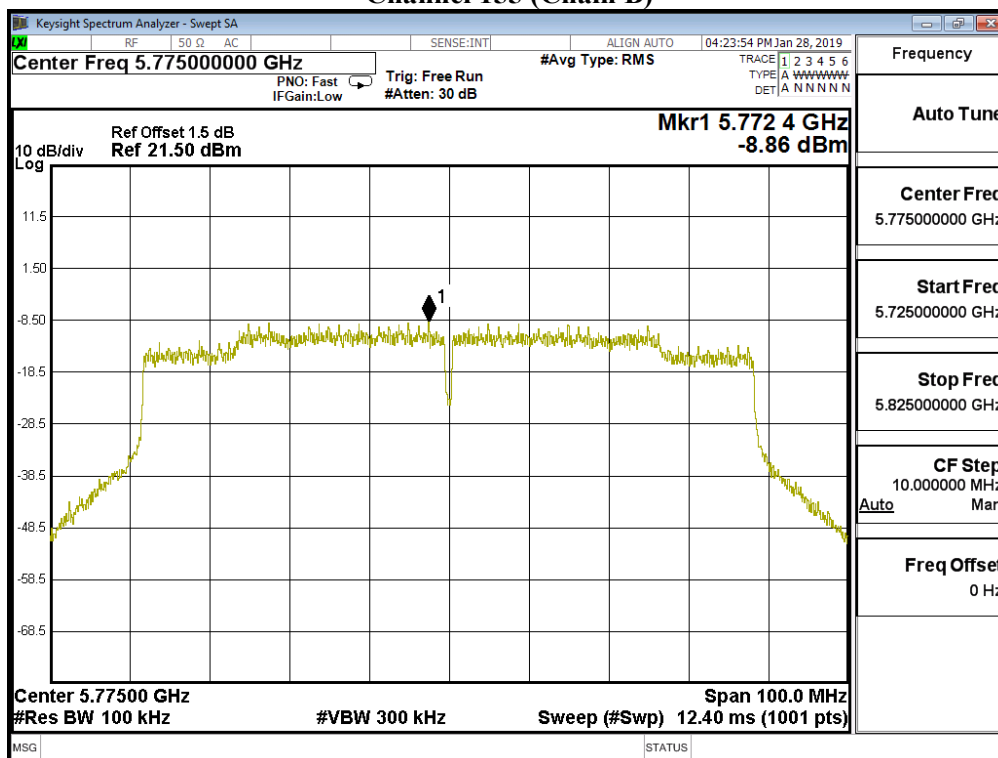
Channel 138 (U-NII-3) (Chain B)



## Channel 155 (Chain A)



## Channel 155 (Chain B)



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：108 年 01 月 19 日

測試項目：峰值功率頻譜密度

測試模式：Mode 3: MIMO: 發射器 802.11ac-160BW

視頻頻寬：3MHz

環境溫度：21 °C

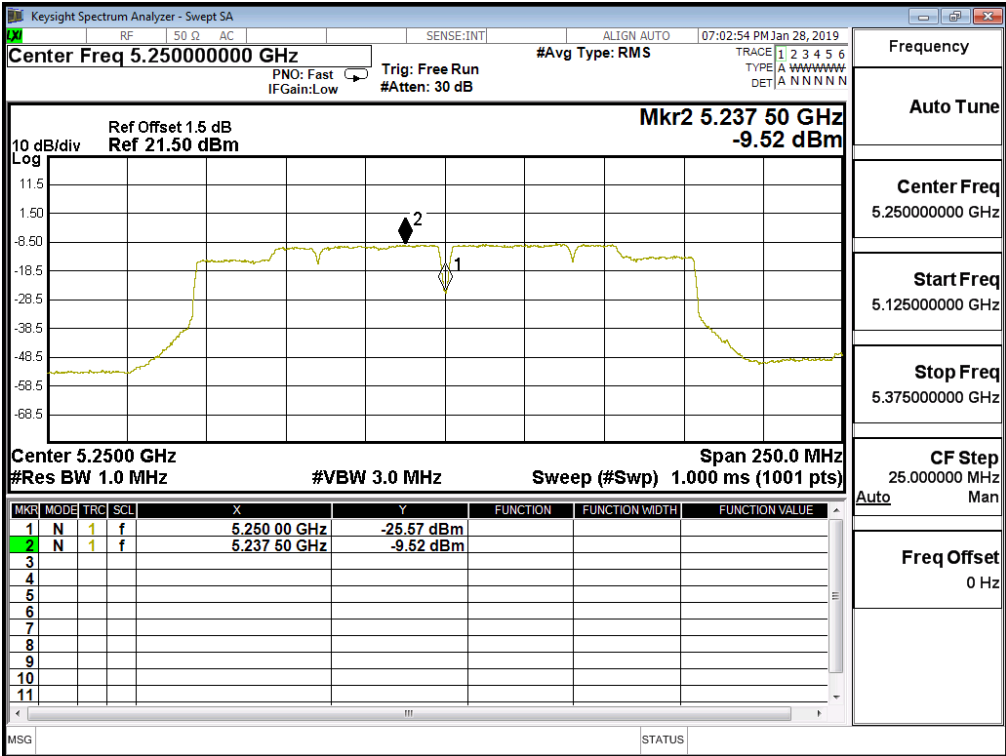
環境濕度：53 %

| Channel Number | Frequency (MHz) | Chain (dBm) | PPSD (dBm) | Total PSD (dBm) | Required Limit (dBm) | Result |
|----------------|-----------------|-------------|------------|-----------------|----------------------|--------|
| 50             | 5250            | A           | -9.520     | -6.510          | <11                  | Pass   |
|                |                 | B           | -9.030     | -6.020          | <11                  | Pass   |
| 114            | 5570            | A           | -8.690     | -5.680          | <11                  | Pass   |
|                |                 | B           | -7.790     | -4.780          | <11                  | Pass   |

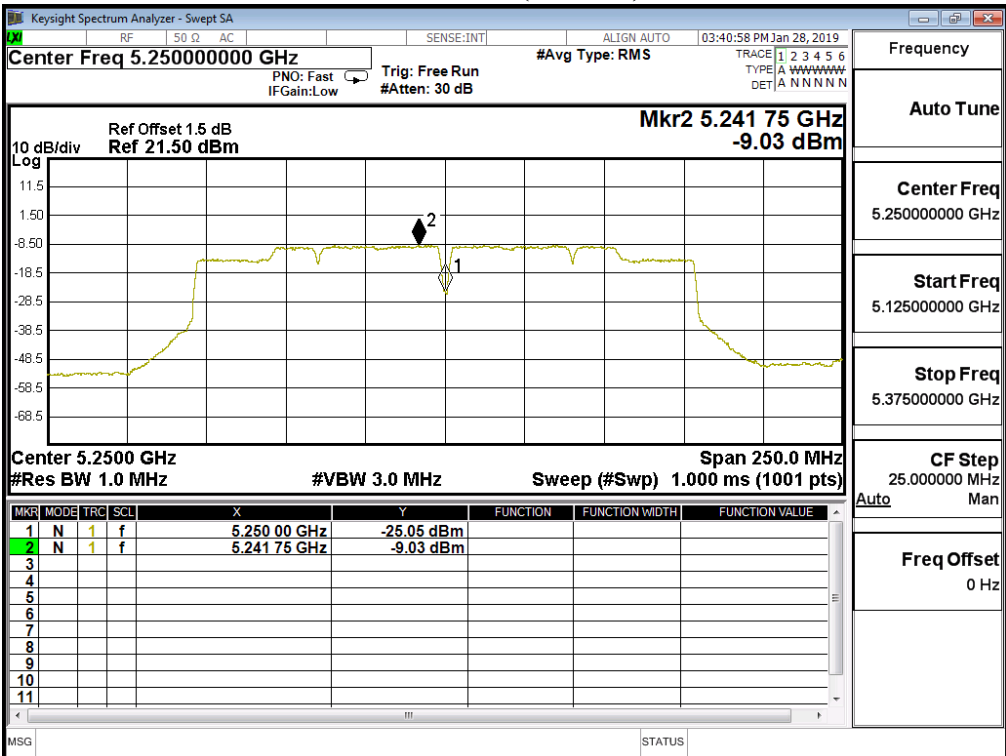
Note:

The quantity  $10 \cdot \log 2$  (two antennas) is added to the spectrum peak value according to document 662911 D01.

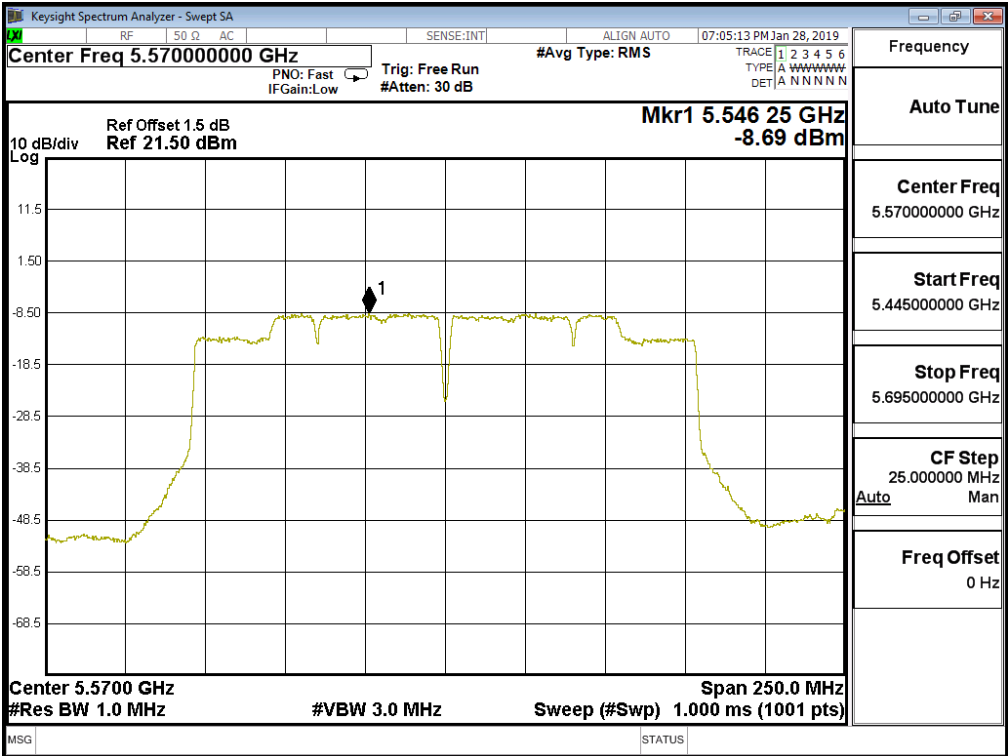
Channel 50 (Chain A)



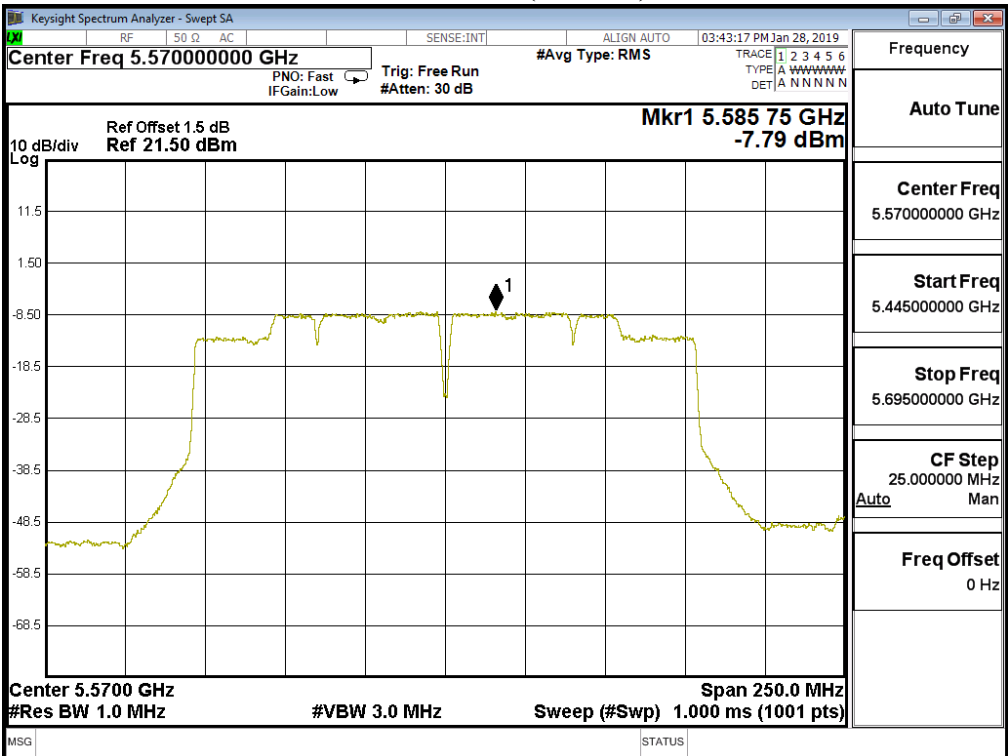
Channel 50 (Chain B)



Channel 114 (Chain A)



Channel 114 (Chain B)



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：108年01月19日

測試項目：峰值功率頻譜密度

測試模式：Mode 1: SISO A: 發射器 802.11ax-20BW

視頻頻寬：3MHz

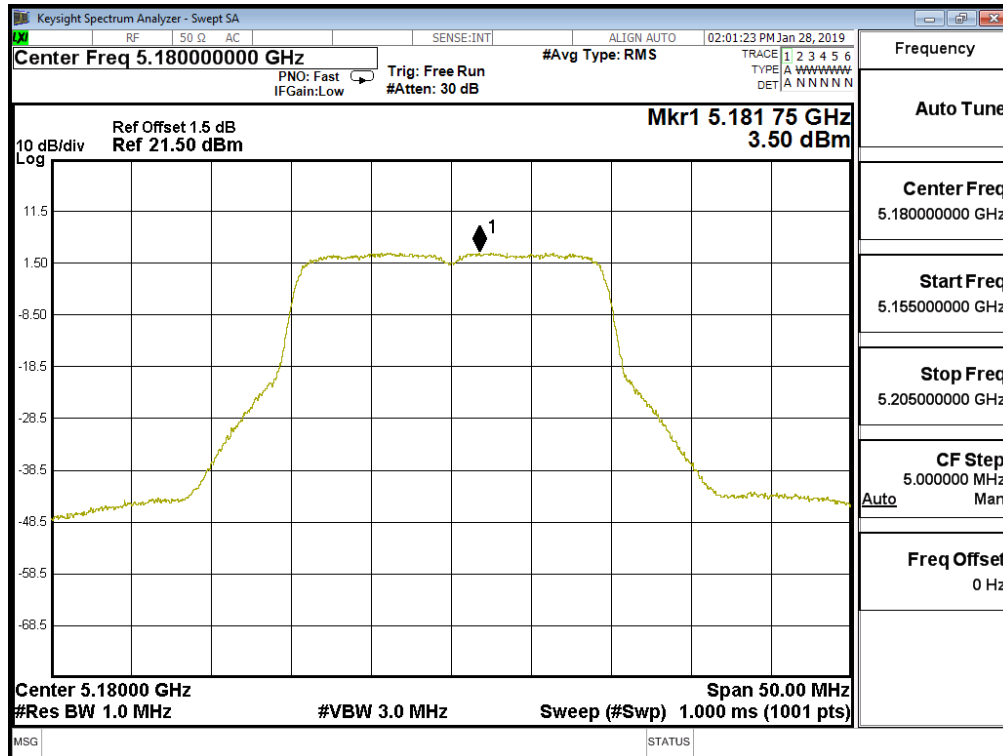
環境溫度：21 °C

環境濕度：53 %

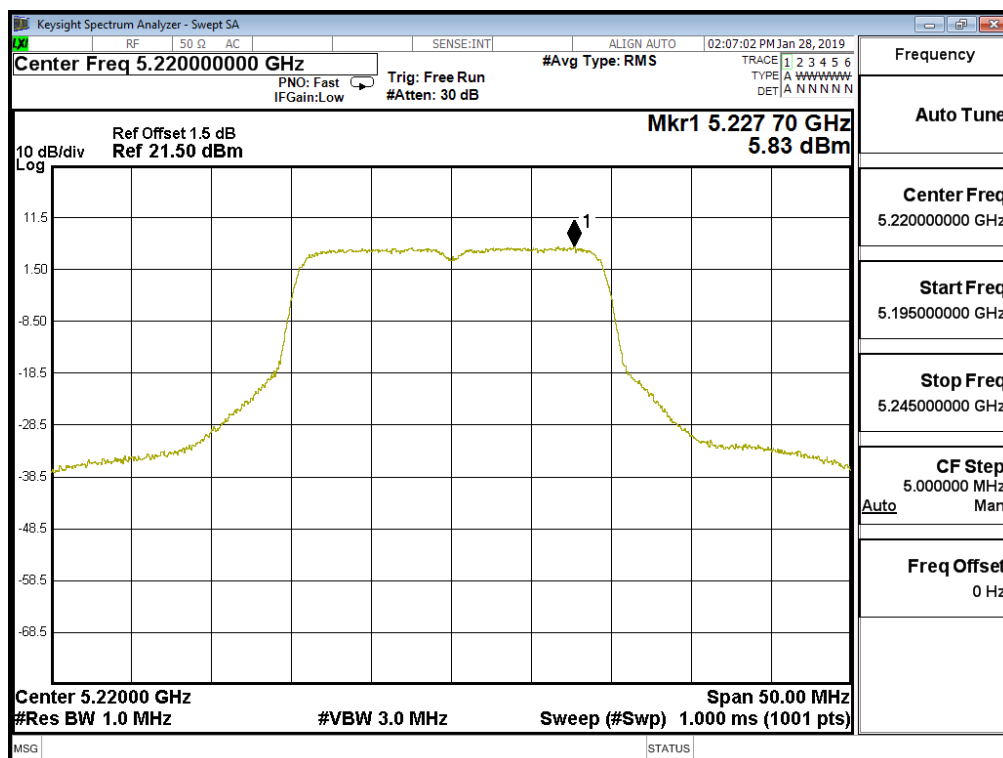
| Channel Number | Frequency (MHz) | PPSD (dBm) | Required Limit (dBm) | Result |
|----------------|-----------------|------------|----------------------|--------|
| 36             | 5180            | 3.500      | <11                  | Pass   |
| 44             | 5220            | 5.830      | <11                  | Pass   |
| 48             | 5240            | 4.690      | <11                  | Pass   |
| 52             | 5260            | 5.090      | <11                  | Pass   |
| 60             | 5300            | 6.830      | <11                  | Pass   |
| 64             | 5320            | 2.830      | <11                  | Pass   |
| 100            | 5500            | 3.220      | <11                  | Pass   |
| 116            | 5580            | 5.360      | <11                  | Pass   |
| 140            | 5700            | 4.080      | <11                  | Pass   |

| Channel Number | Frequency (MHz) | PPSD (dBm) | BWCF (dB) | Total PPSD (dBm) | Required Limit (dBm) | Result |
|----------------|-----------------|------------|-----------|------------------|----------------------|--------|
| 144(U-NII-2C)  | 5720            | 5.560      | --        | 5.560            | <11                  | Pass   |
| 144(U-NII-3)   | 5720            | -2.490     | 5.980     | 3.490            | <30                  | Pass   |
| 149            | 5745            | -2.980     | 6.980     | 4.000            | <30                  | Pass   |
| 157            | 5785            | -2.440     | 6.980     | 4.540            | <30                  | Pass   |
| 165            | 5825            | -3.240     | 6.980     | 3.740            | <30                  | Pass   |

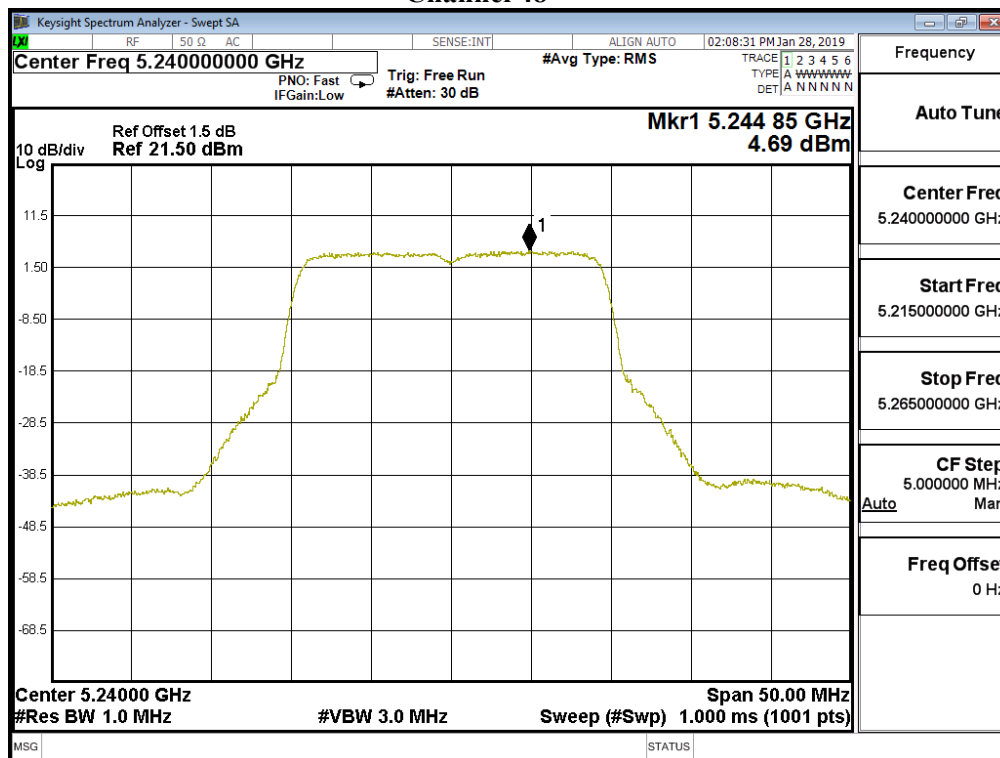
## Channel 36



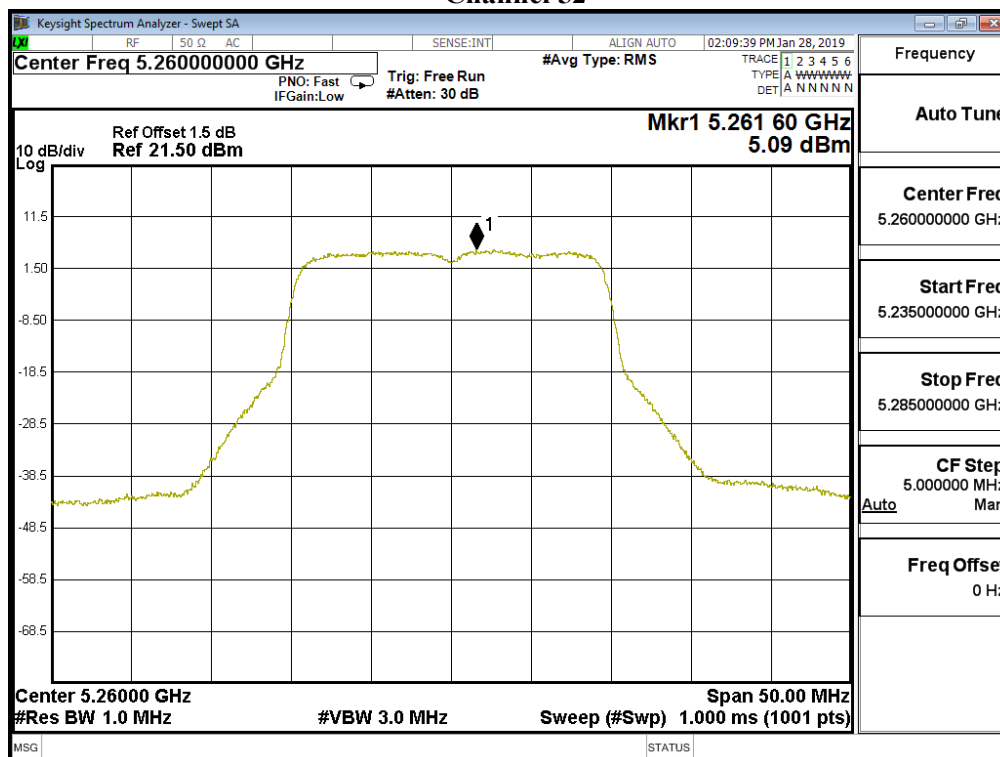
## Channel 44



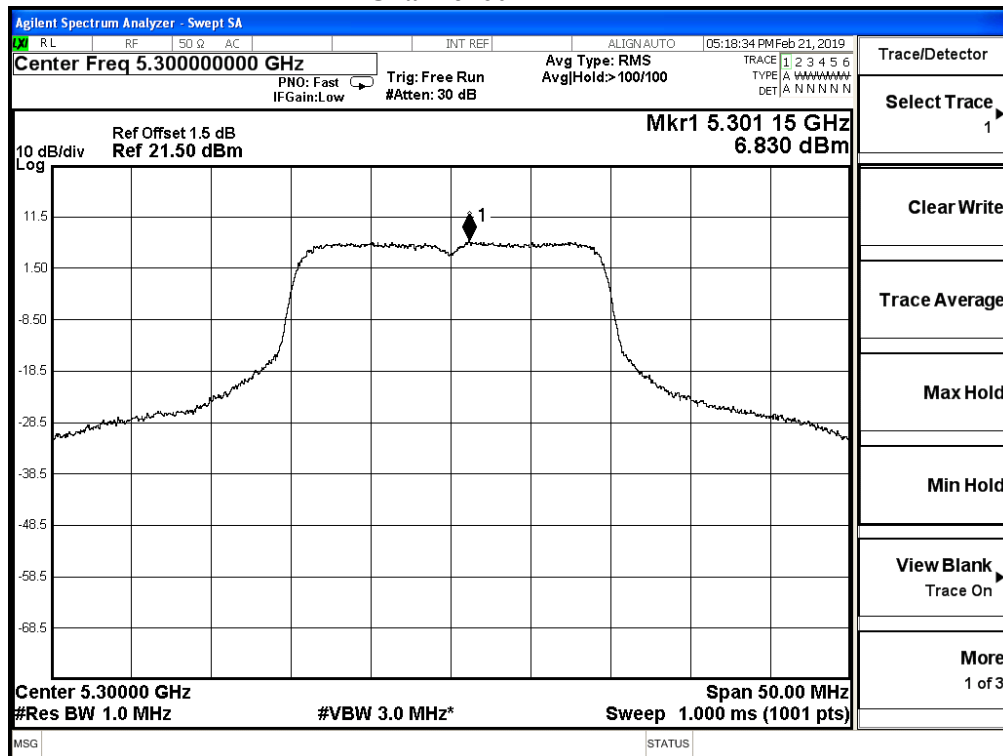
## Channel 48



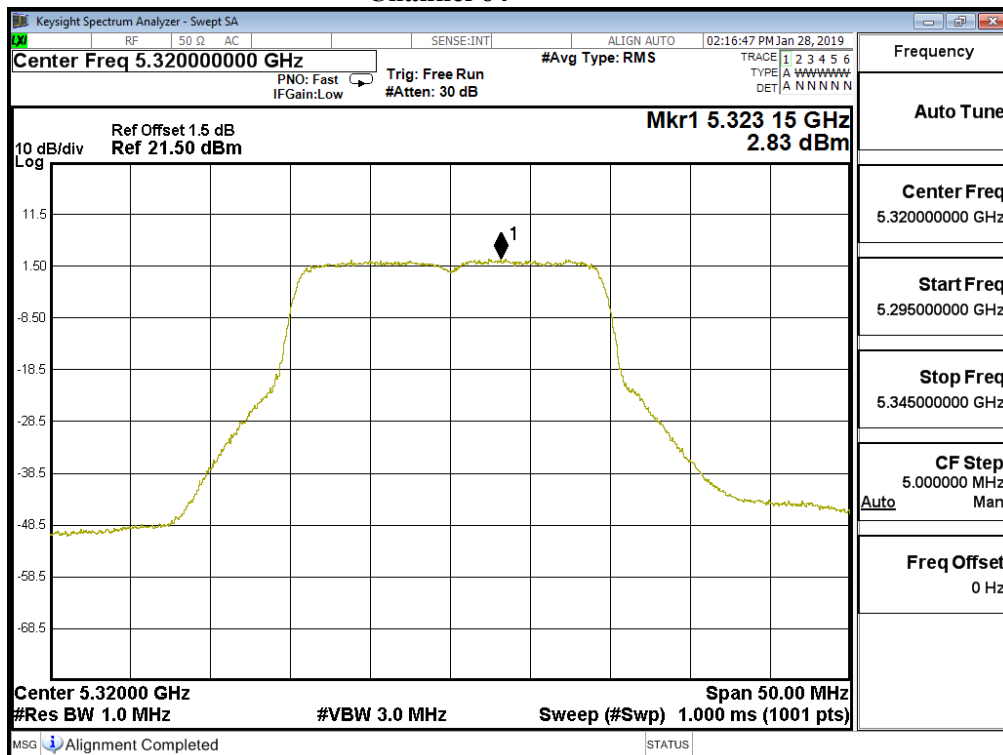
## Channel 52



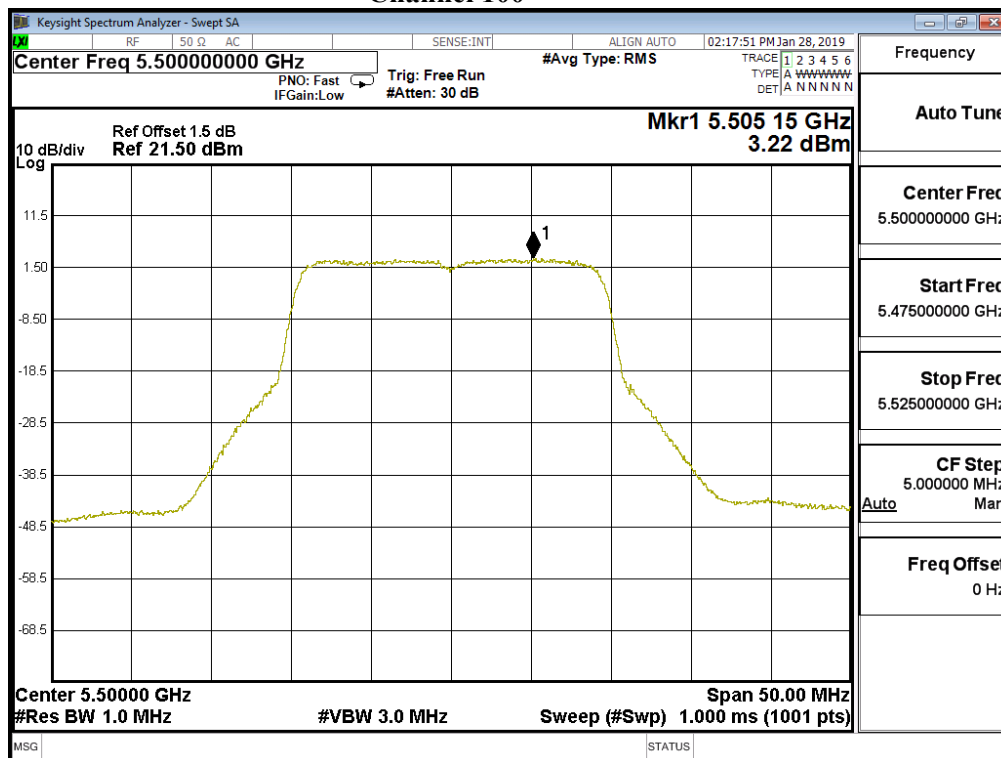
## Channel 60



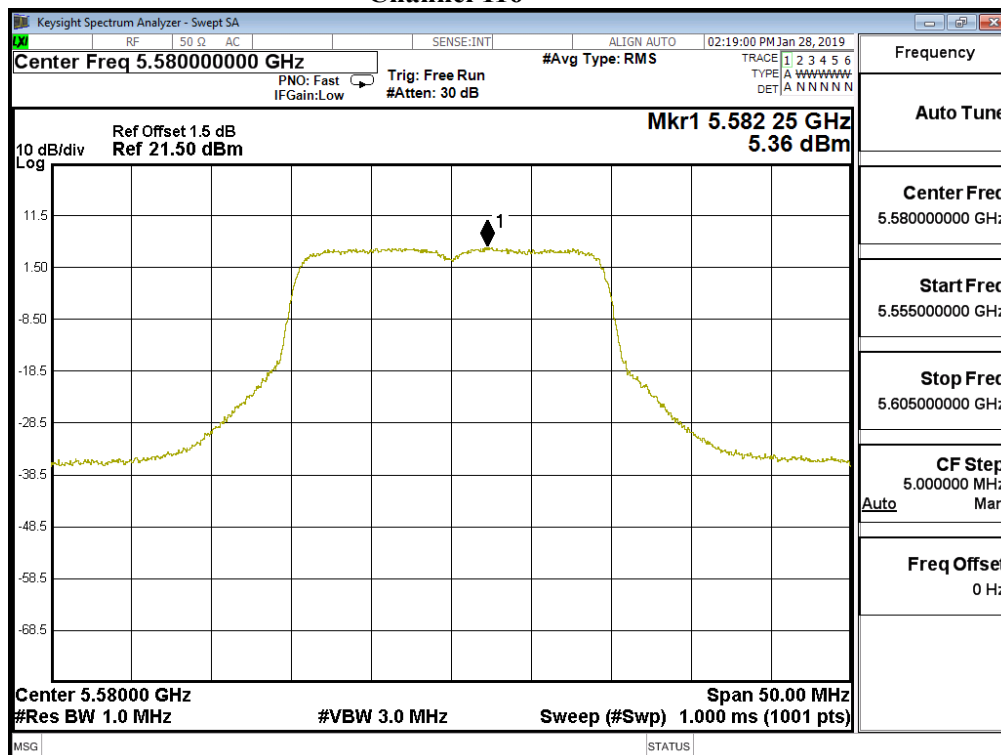
## Channel 64



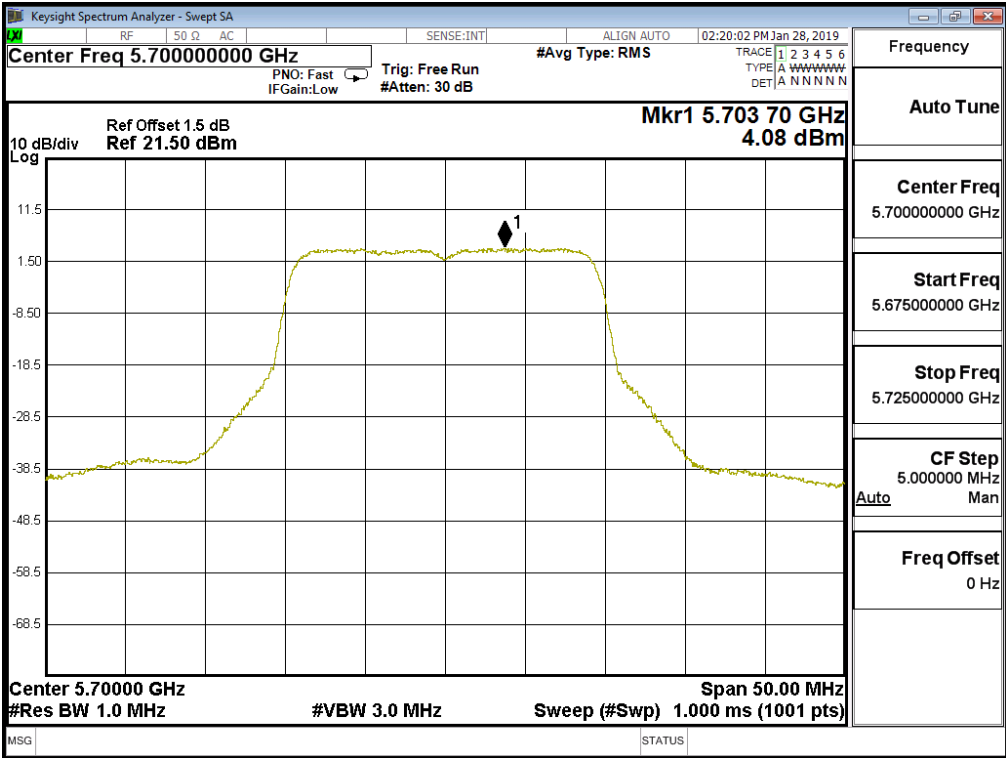
## Channel 100



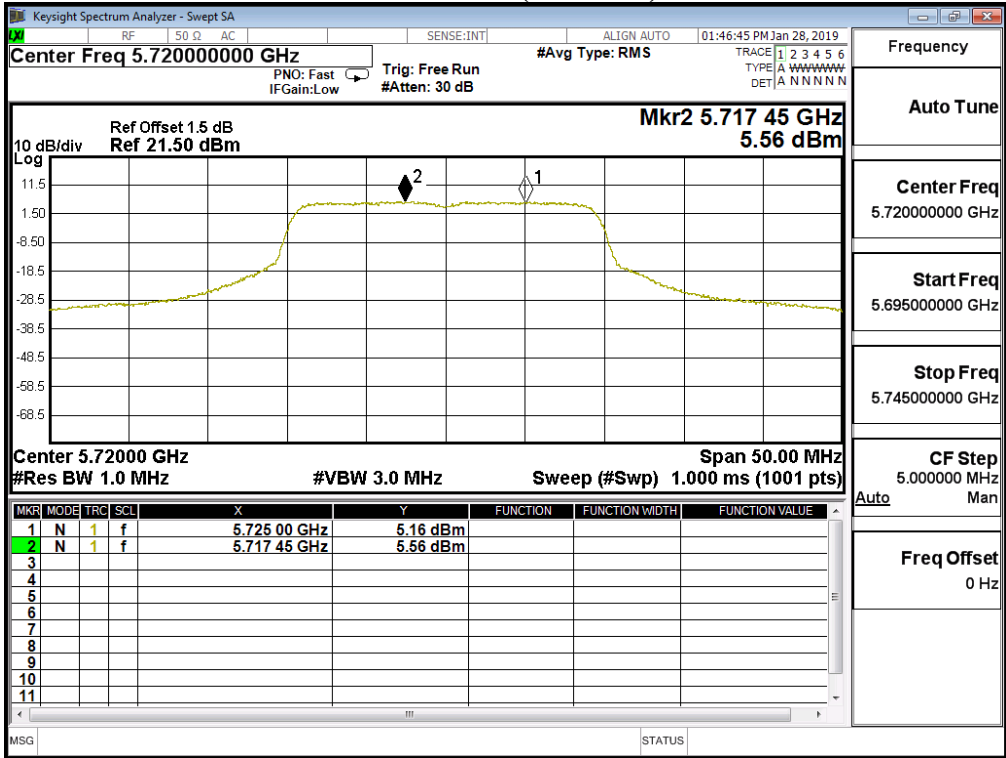
## Channel 116



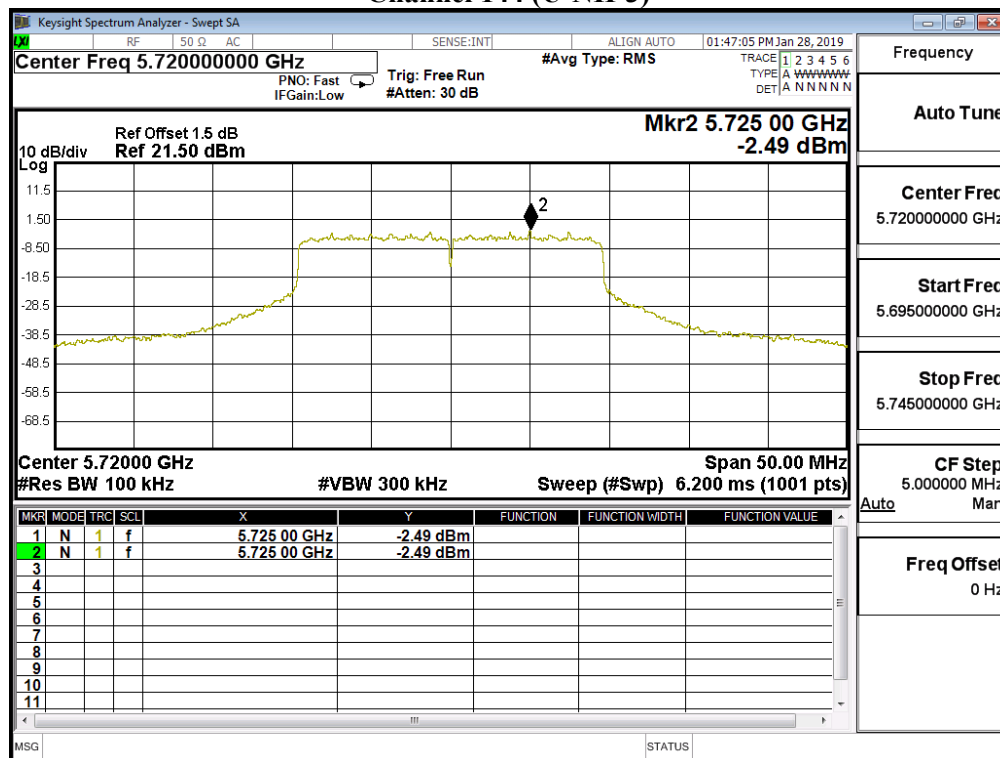
Channel 140



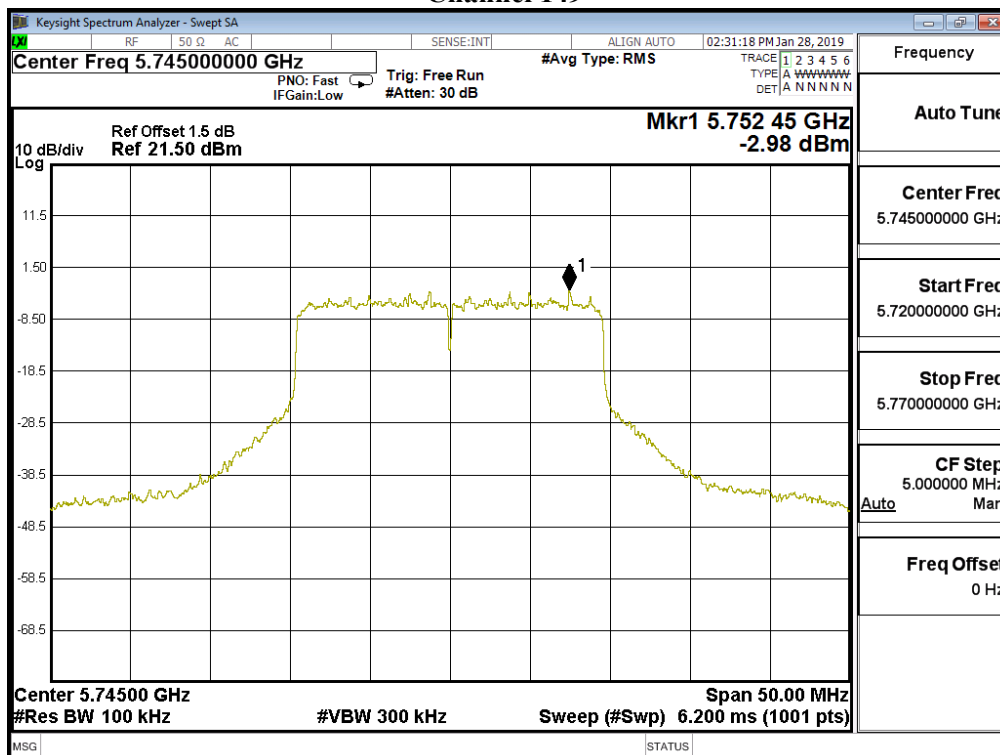
Channel 144(U-NII-2C)



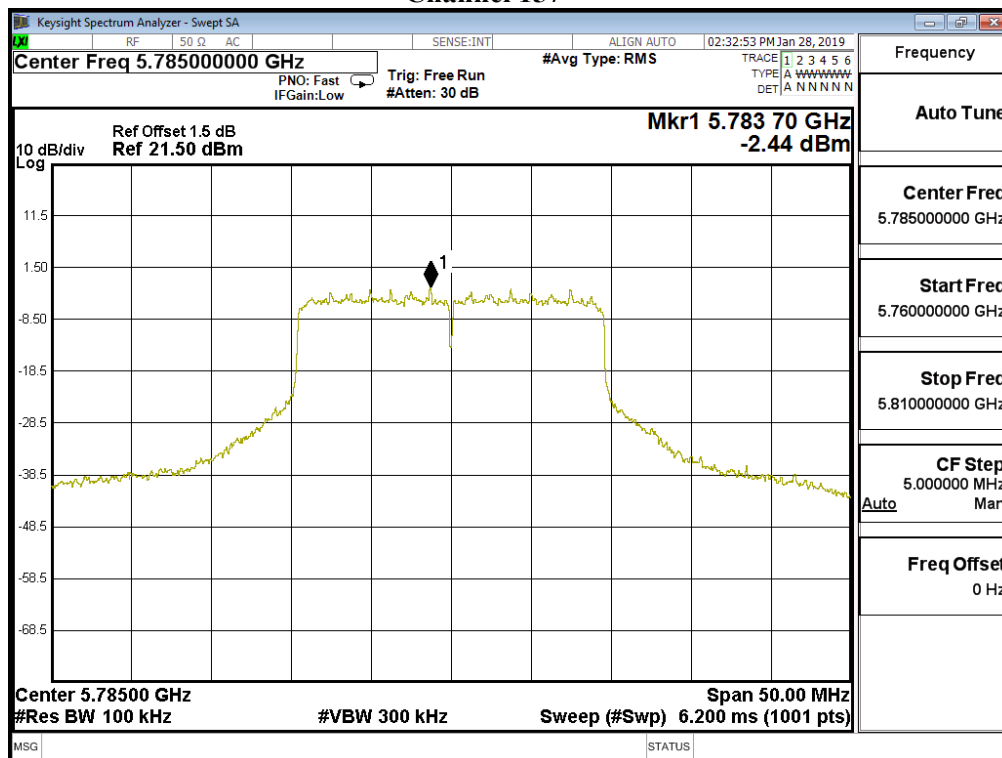
## Channel 144 (U-NII-3)



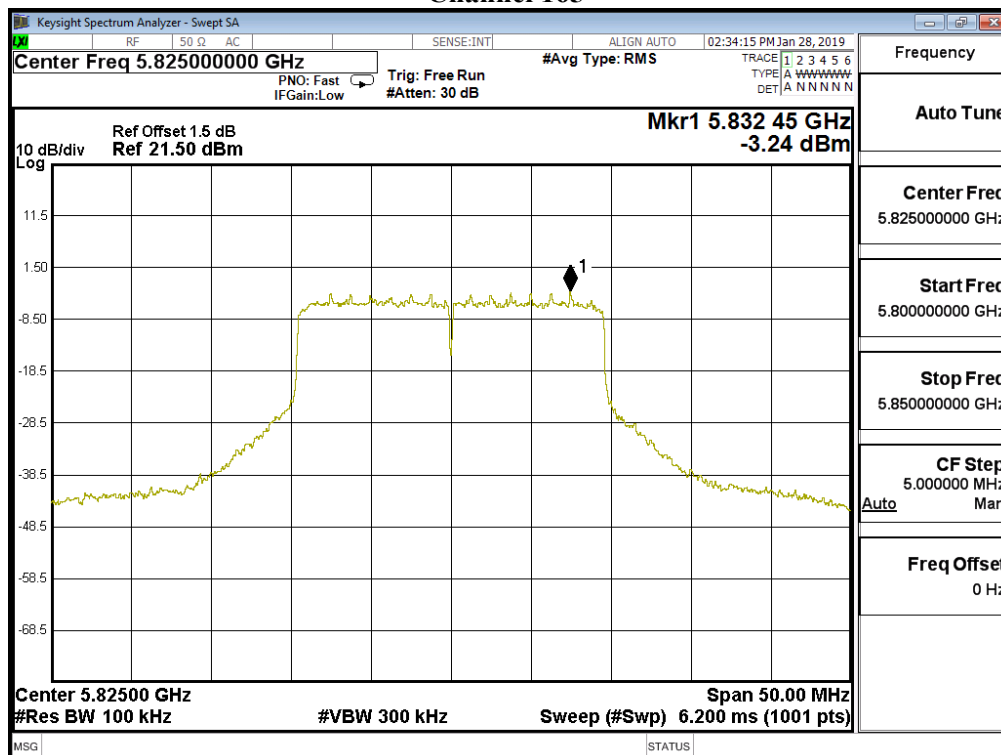
## Channel 149



## Channel 157



## Channel 165



待測物名稱：Intel® Wi-Fi 6 AX200

待測物型號：AX200NGW

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：108 年 01 月 19 日

測試項目：峰值功率頻譜密度

測試模式：Mode 1: SISO A: 發射器 802.11ax-40BW

視頻頻寬：3MHz

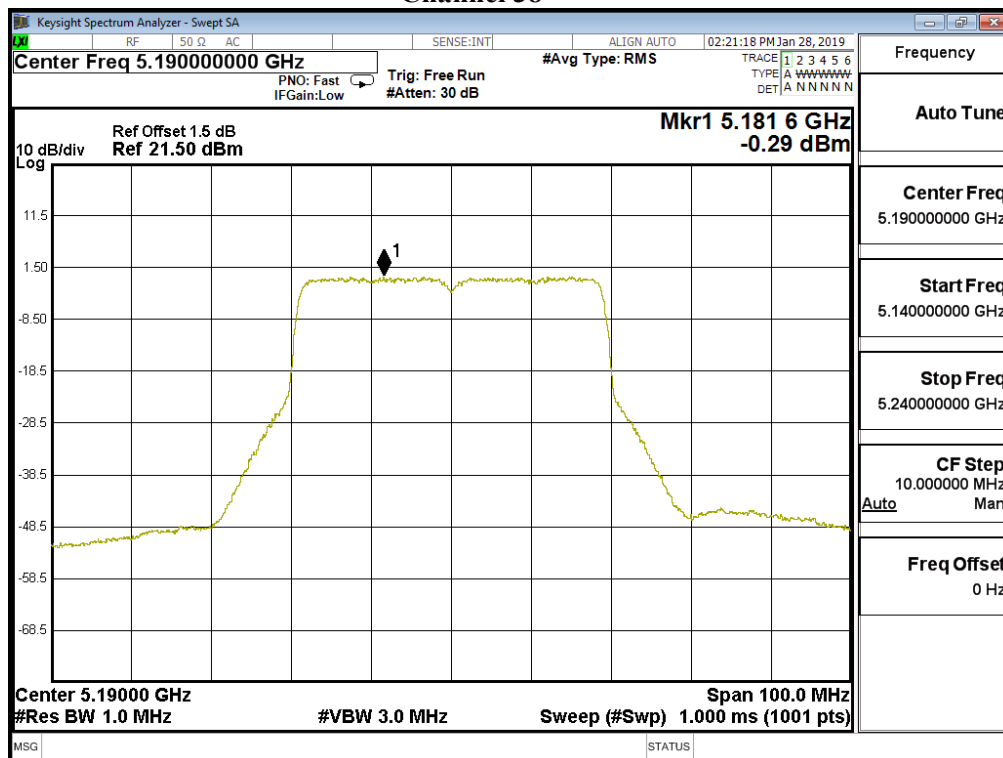
環境溫度：21 °C

環境濕度：53 %

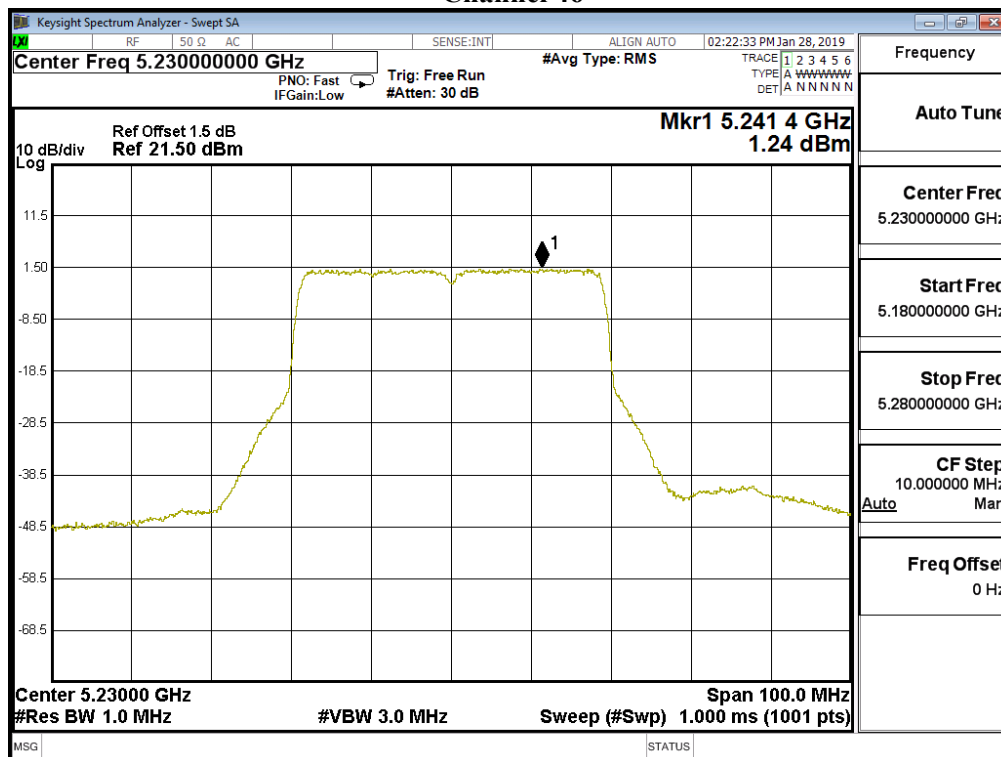
| Channel Number | Frequency (MHz) | Total PPSD (dBm) | Required Limit (dBm) | Result |
|----------------|-----------------|------------------|----------------------|--------|
| 38             | 5190            | -0.290           | <11                  | Pass   |
| 46             | 5230            | 1.240            | <11                  | Pass   |
| 54             | 5270            | 1.300            | <11                  | Pass   |
| 62             | 5310            | -2.460           | <11                  | Pass   |
| 102            | 5510            | 0.330            | <11                  | Pass   |
| 110            | 5550            | 2.500            | <11                  | Pass   |
| 134            | 5670            | 1.400            | <11                  | Pass   |

| Channel Number | Frequency (MHz) | PPSD (dBm) | BWCF (dB) | Total PPSD (dBm) | Required Limit (dBm) | Result |
|----------------|-----------------|------------|-----------|------------------|----------------------|--------|
| 142(U-NII-2C)  | 5710            | 2.960      | --        | 2.960            | <11                  | Pass   |
| 142(U-NII-3)   | 5710            | -6.160     | 5.980     | -0.180           | <30                  | Pass   |
| 151            | 5755            | -5.800     | 6.980     | 1.180            | <30                  | Pass   |
| 159            | 5795            | -6.230     | 6.980     | 0.750            | <30                  | Pass   |

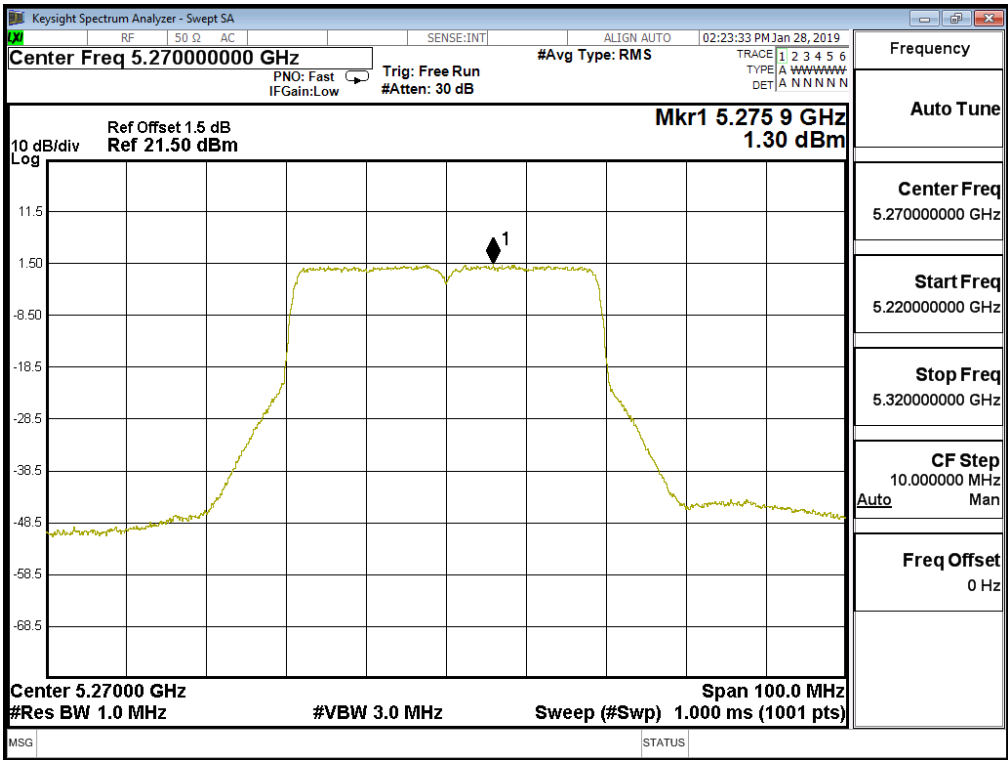
## Channel 38



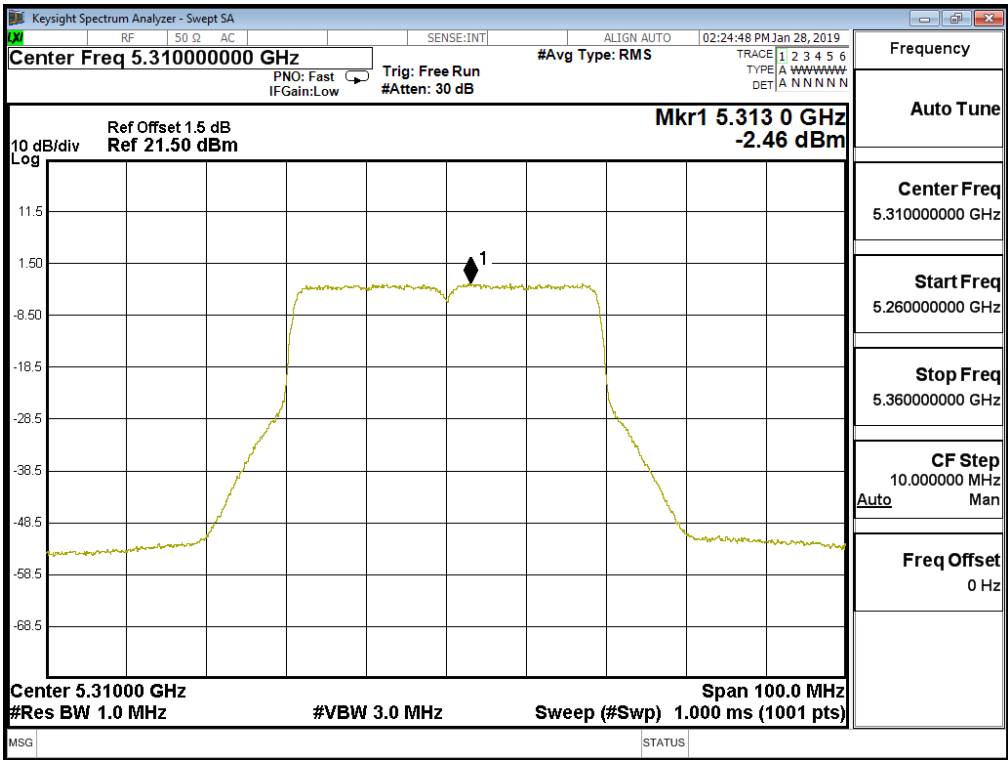
## Channel 46



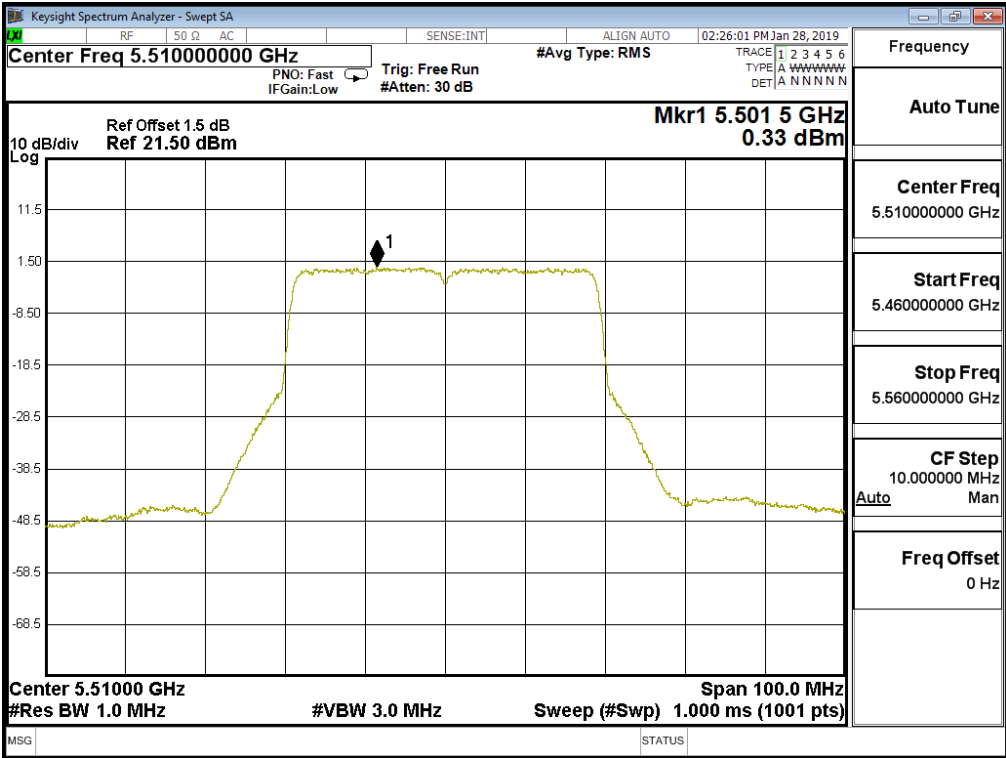
Channel 54



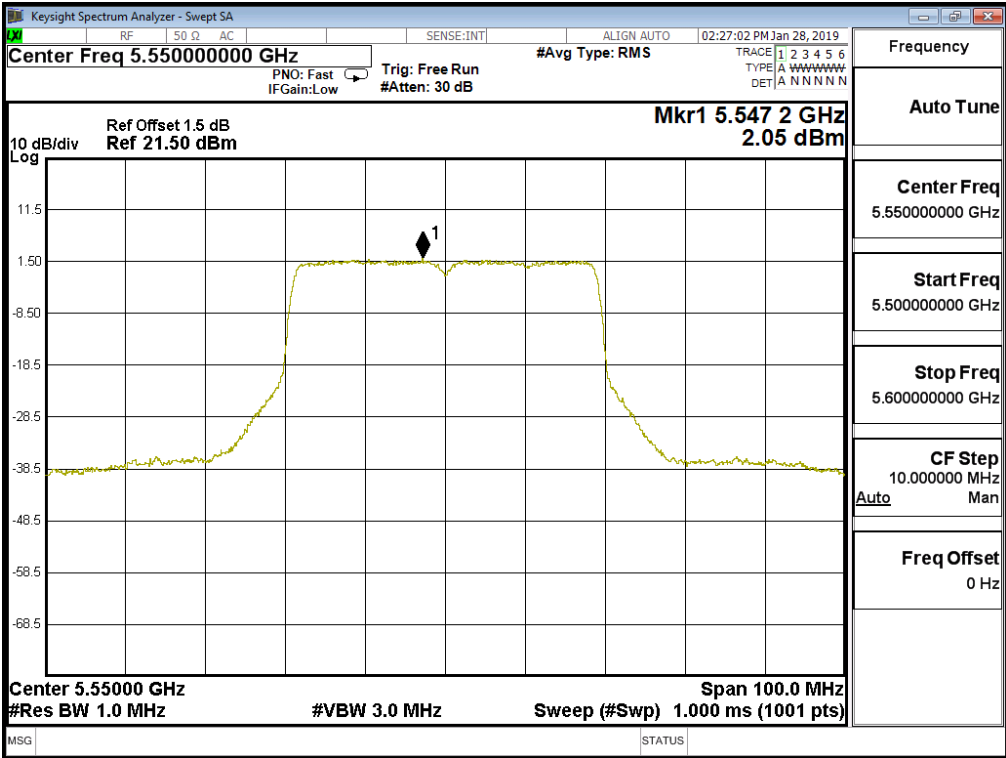
Channel 62



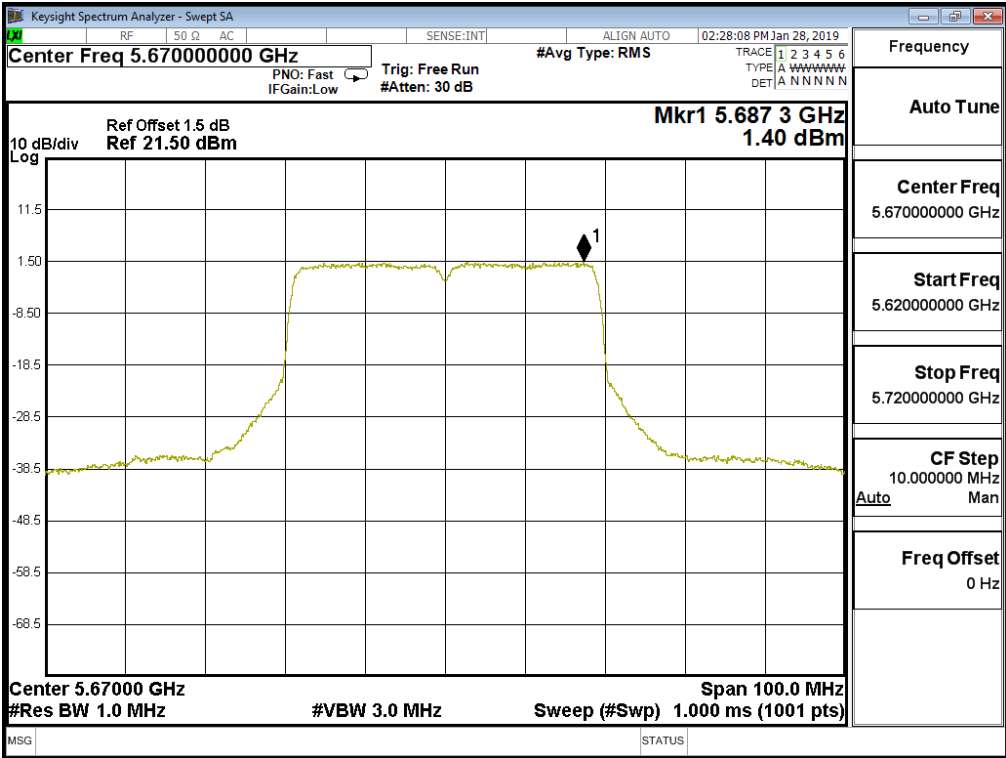
Channel 102



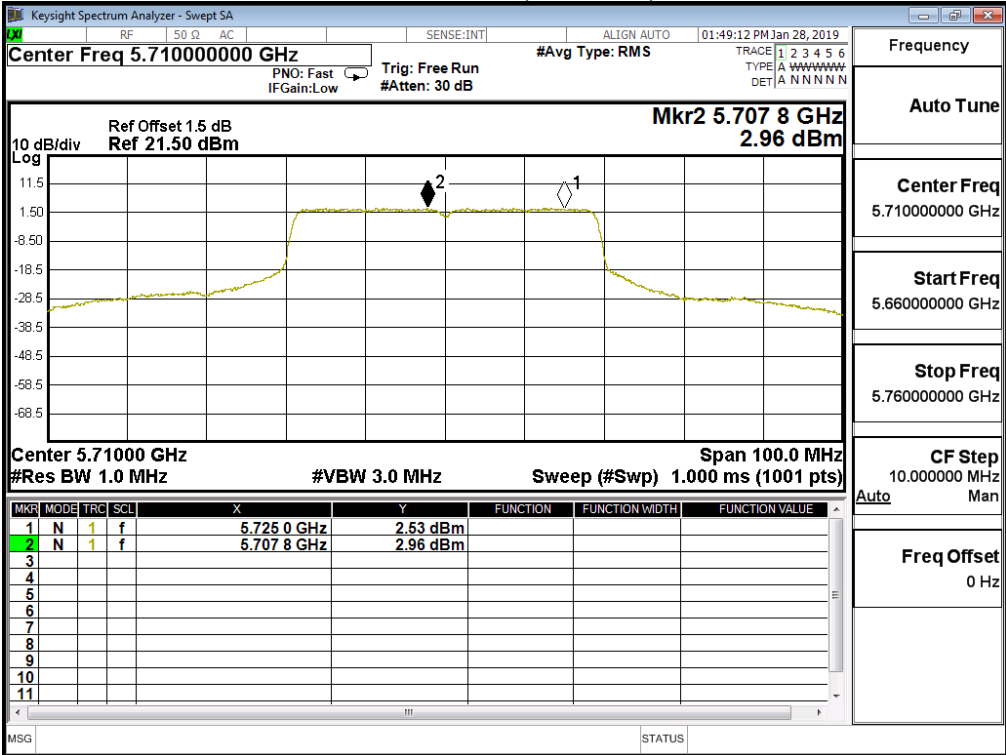
Channel 110



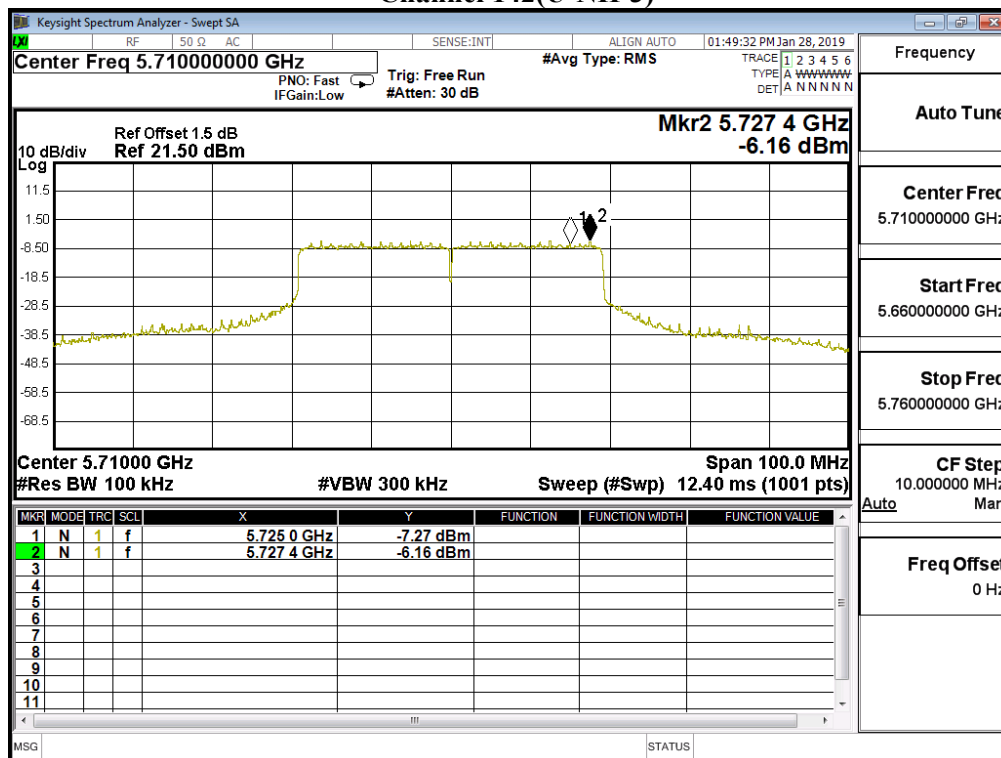
Channel 134



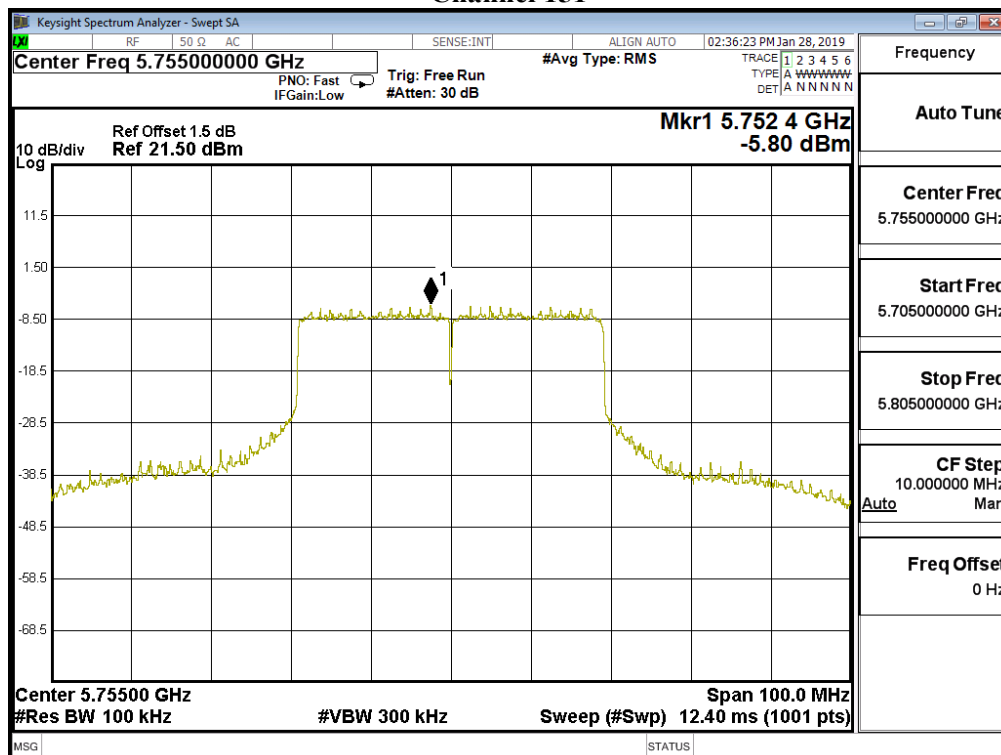
Channel 142(U-NII-2C)



## Channel 142(U-NII-3)



## Channel 151



Channel 159

