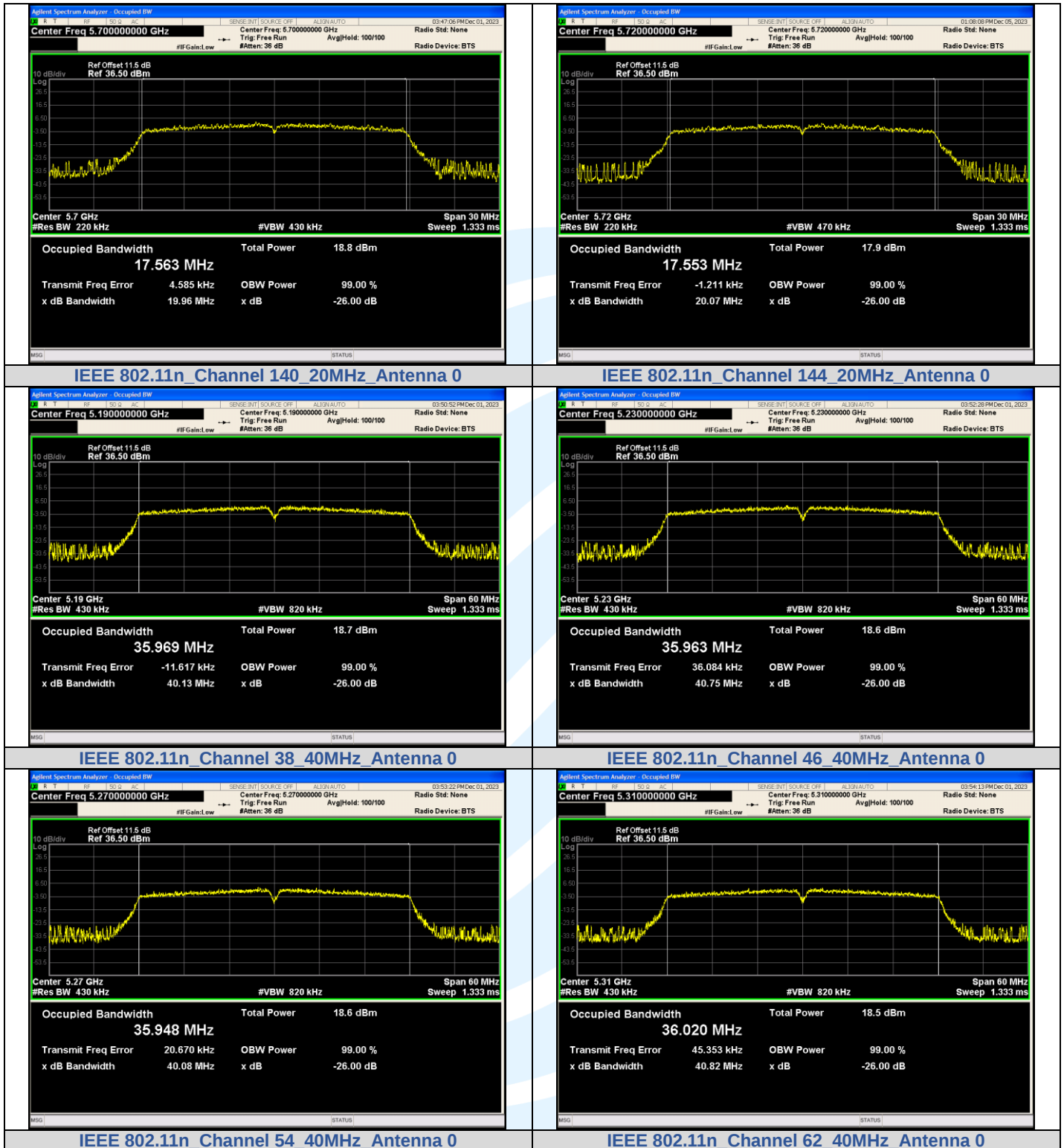
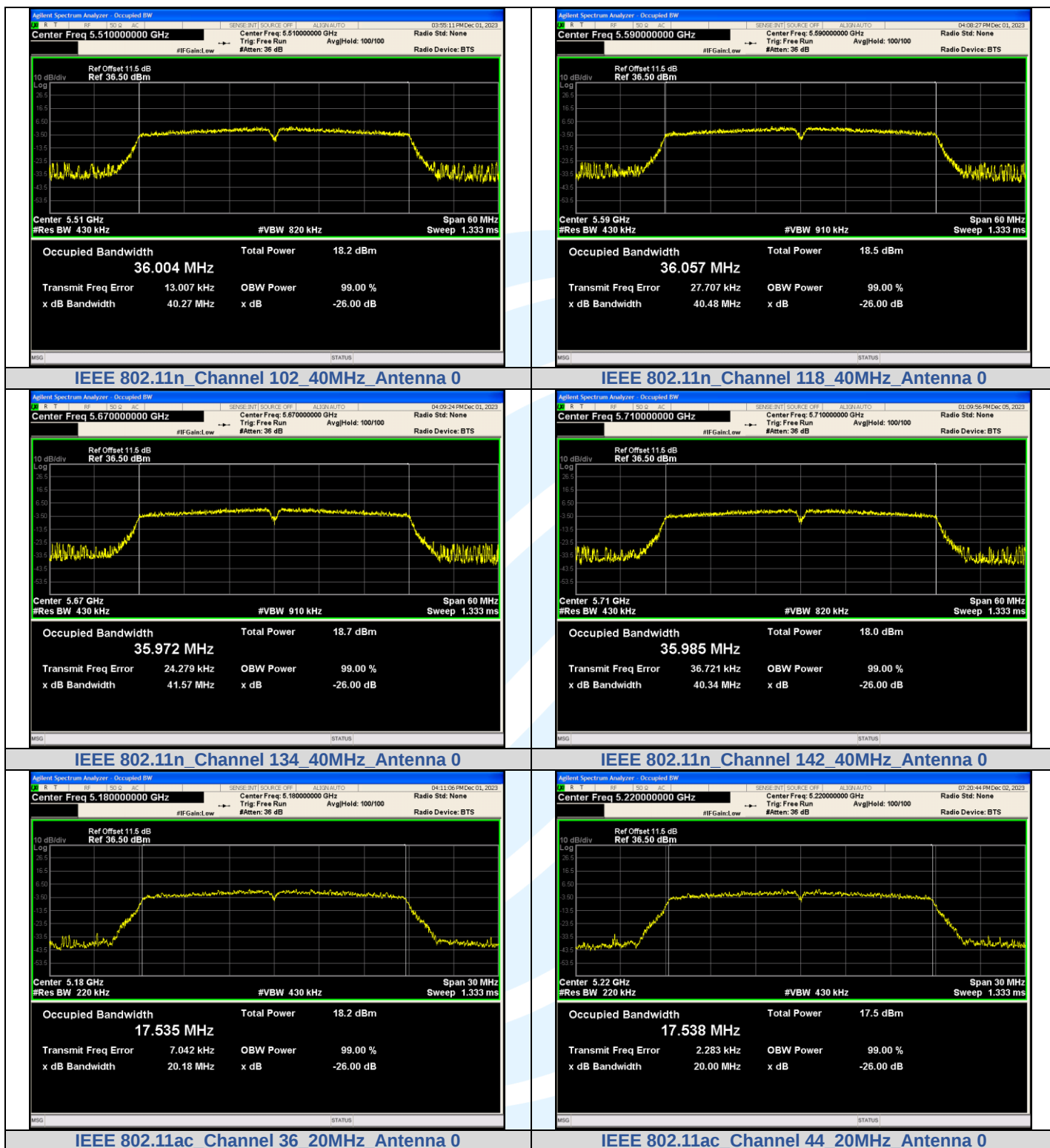
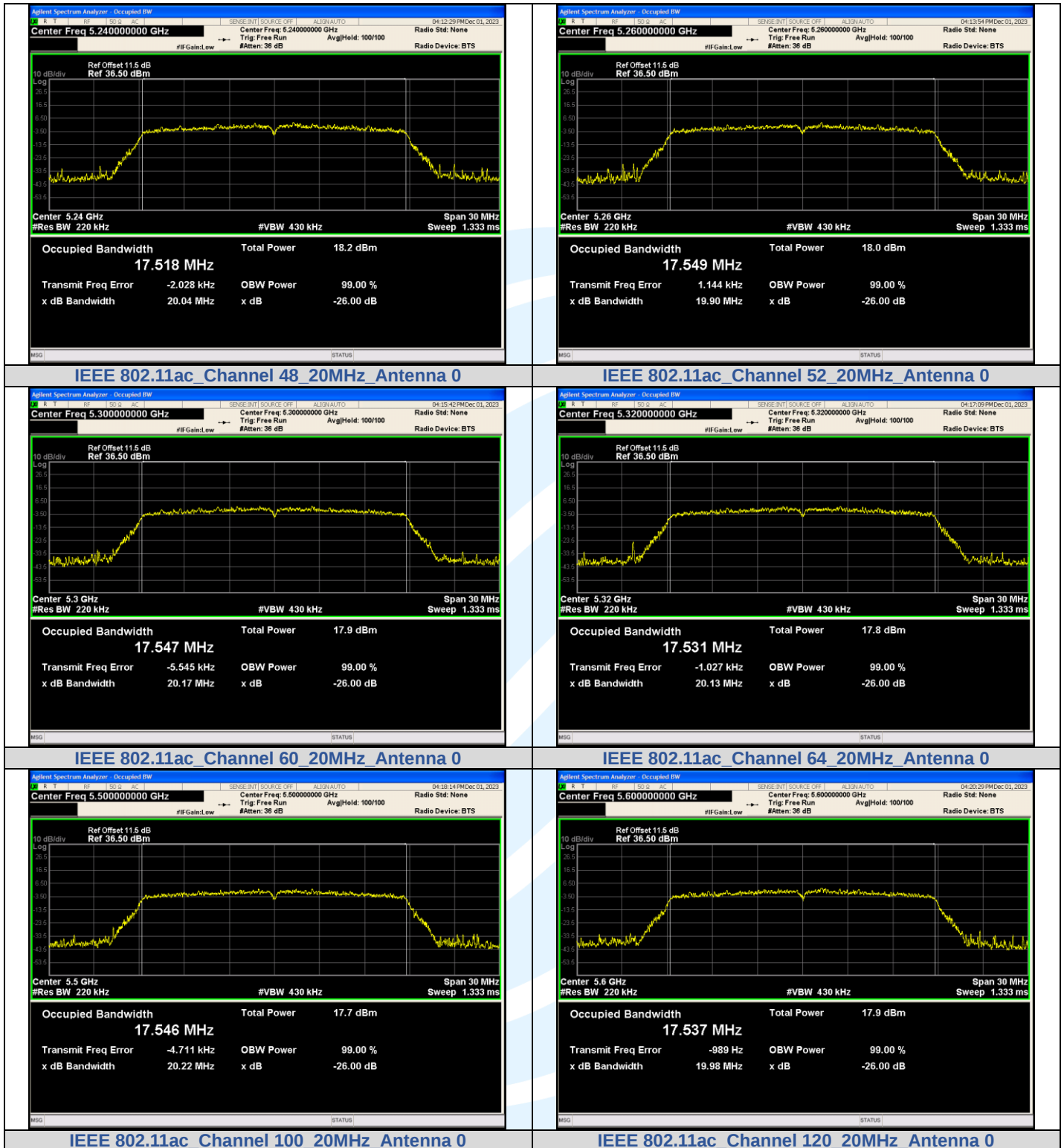
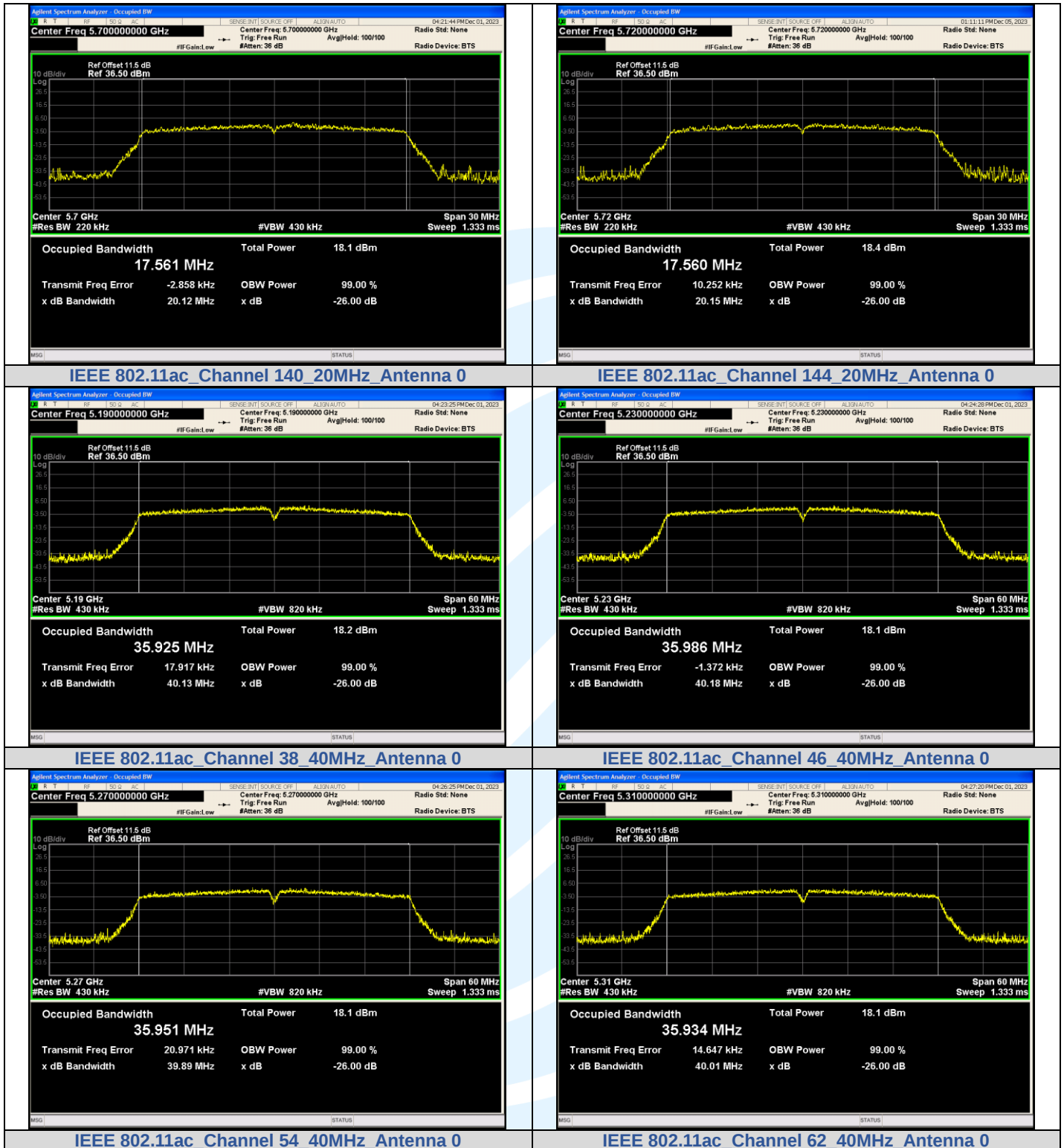
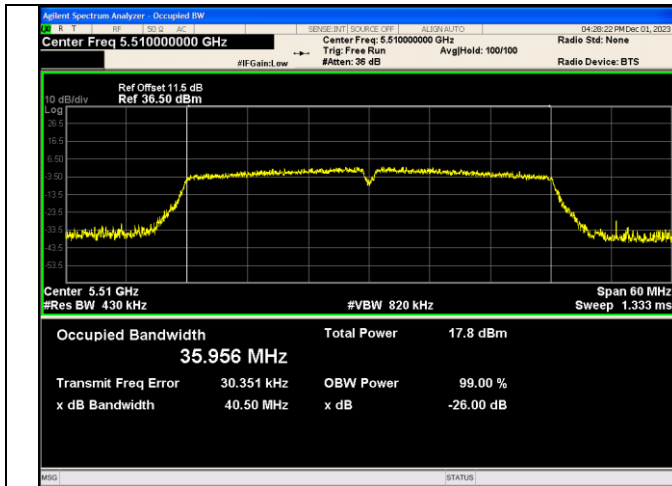




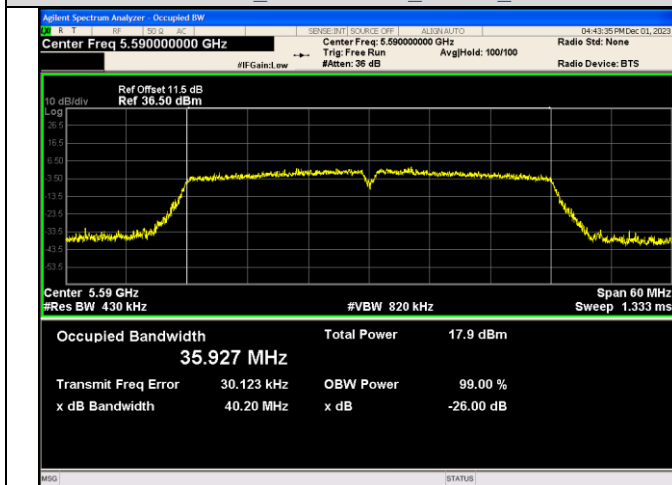




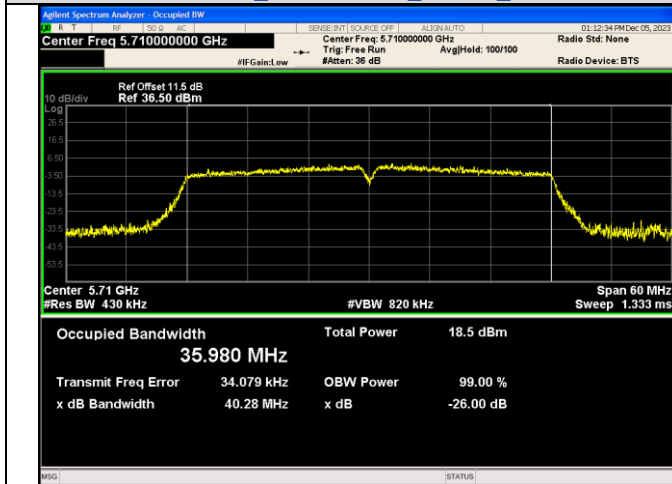




IEEE 802.11ac\_Channel 102\_40MHz\_Antenna 0



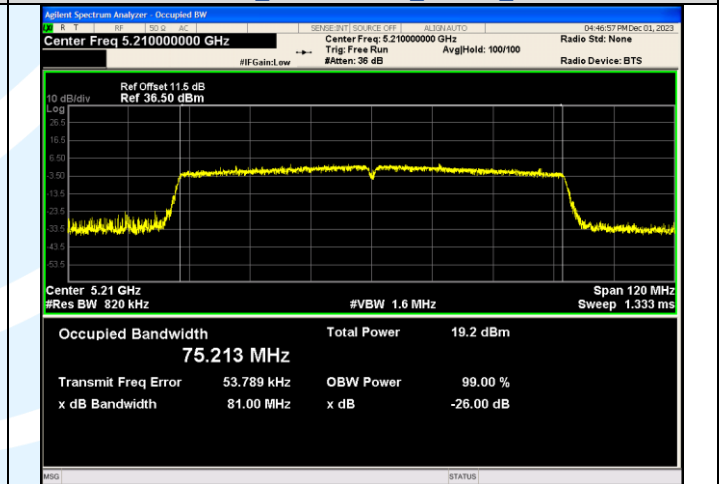
IEEE 802.11ac\_Channel 118\_40MHz\_Antenna 0



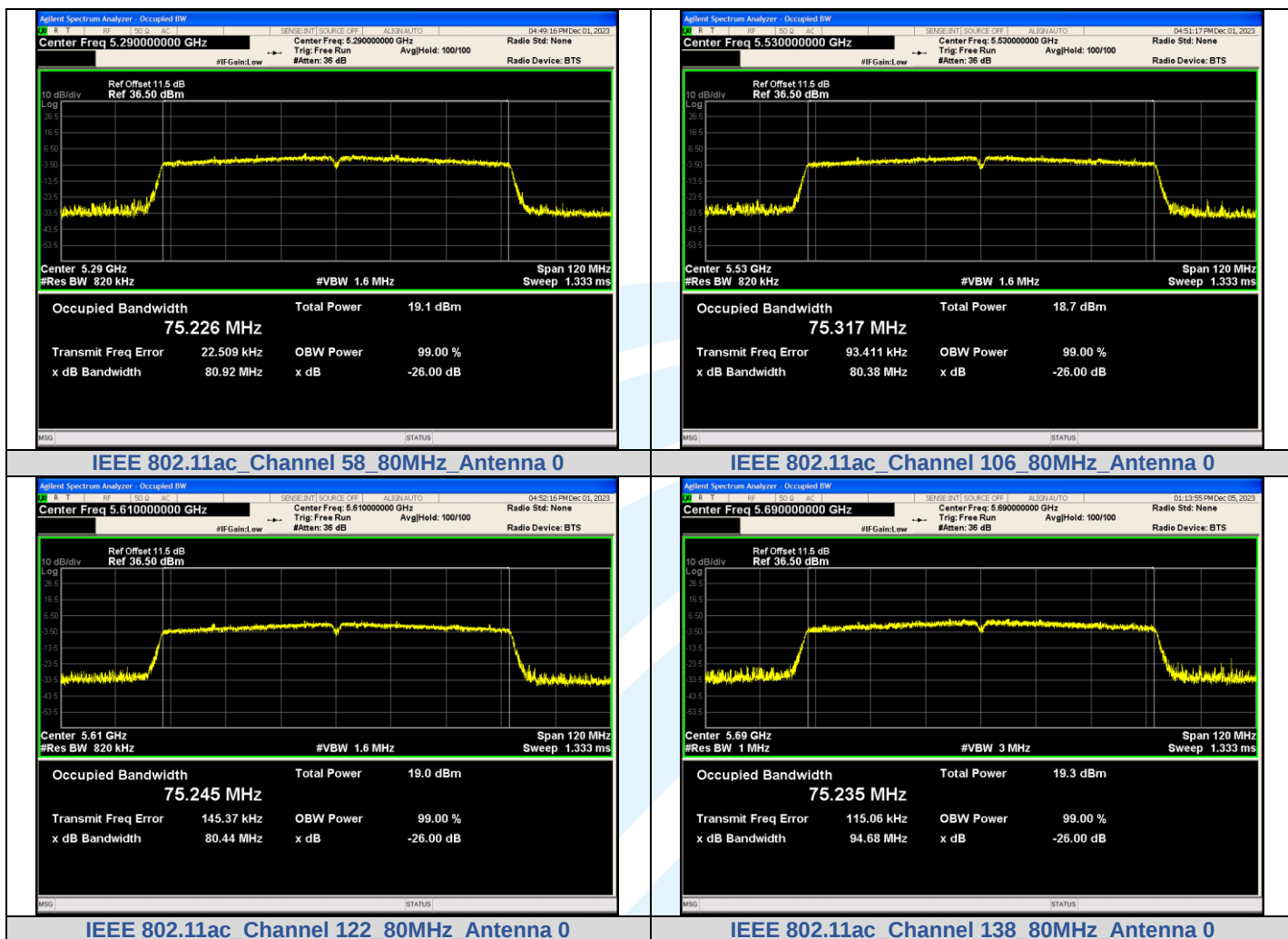
IEEE 802.11ac\_Channel 142\_40MHz\_Antenna 0



IEEE 802.11ac\_Channel 134\_40MHz\_Antenna 0



IEEE 802.11ac\_Channel 42\_80MHz\_Antenna 0



## A.2 PEAK POWER SPECTRAL DENSITY

| Test Mode  | Antenna | Frequency [MHz] | Result<br>[U-NII-1/2A/2C: dBm/MHz]<br>[U-NII-3: dBm/500kHz] | Limit<br>[U-NII-1/2A/2C: dBm/MHz]<br>[U-NII-3: dBm/500kHz] | Verdict |
|------------|---------|-----------------|-------------------------------------------------------------|------------------------------------------------------------|---------|
| 11A        | Ant1    | 5180            | 0.21                                                        | ≤11.00                                                     | PASS    |
| 11A        | Ant1    | 5200            | 0.05                                                        | ≤11.00                                                     | PASS    |
| 11A        | Ant1    | 5240            | -0.02                                                       | ≤11.00                                                     | PASS    |
| 11A        | Ant1    | 5260            | -0.21                                                       | ≤11.00                                                     | PASS    |
| 11A        | Ant1    | 5280            | -0.38                                                       | ≤11.00                                                     | PASS    |
| 11A        | Ant1    | 5320            | -0.47                                                       | ≤11.00                                                     | PASS    |
| 11A        | Ant1    | 5500            | -0.78                                                       | ≤11.00                                                     | PASS    |
| 11A        | Ant1    | 5580            | -0.18                                                       | ≤11.00                                                     | PASS    |
| 11A        | Ant1    | 5700            | -0.11                                                       | ≤11.00                                                     | PASS    |
| 11A        | Ant1    | 5720 UNII-2C    | -0.34                                                       | ≤11.00                                                     | PASS    |
| 11A        | Ant1    | 5720 UNII-3     | -4.68                                                       | ≤30.00                                                     | PASS    |
| 11A        | Ant1    | 5745            | -3.42                                                       | ≤30.00                                                     | PASS    |
| 11A        | Ant1    | 5785            | -3.83                                                       | ≤30.00                                                     | PASS    |
| 11A        | Ant1    | 5825            | -4.41                                                       | ≤30.00                                                     | PASS    |
| 11N20SISO  | Ant1    | 5180            | -0.84                                                       | ≤11.00                                                     | PASS    |
| 11N20SISO  | Ant1    | 5200            | -1.12                                                       | ≤11.00                                                     | PASS    |
| 11N20SISO  | Ant1    | 5240            | -1.36                                                       | ≤11.00                                                     | PASS    |
| 11N20SISO  | Ant1    | 5260            | -1.66                                                       | ≤11.00                                                     | PASS    |
| 11N20SISO  | Ant1    | 5280            | -1.82                                                       | ≤11.00                                                     | PASS    |
| 11N20SISO  | Ant1    | 5320            | -1.88                                                       | ≤11.00                                                     | PASS    |
| 11N20SISO  | Ant1    | 5500            | -2.11                                                       | ≤11.00                                                     | PASS    |
| 11N20SISO  | Ant1    | 5580            | -1.40                                                       | ≤11.00                                                     | PASS    |
| 11N20SISO  | Ant1    | 5700            | -1.43                                                       | ≤11.00                                                     | PASS    |
| 11N20SISO  | Ant1    | 5720 UNII-2C    | -1.54                                                       | ≤11.00                                                     | PASS    |
| 11N20SISO  | Ant1    | 5720 UNII-3     | -5.31                                                       | ≤30.00                                                     | PASS    |
| 11N20SISO  | Ant1    | 5745            | -4.89                                                       | ≤30.00                                                     | PASS    |
| 11N20SISO  | Ant1    | 5785            | -4.96                                                       | ≤30.00                                                     | PASS    |
| 11N20SISO  | Ant1    | 5825            | -5.71                                                       | ≤30.00                                                     | PASS    |
| 11N40SISO  | Ant1    | 5190            | -3.18                                                       | ≤11.00                                                     | PASS    |
| 11N40SISO  | Ant1    | 5230            | -3.40                                                       | ≤11.00                                                     | PASS    |
| 11N40SISO  | Ant1    | 5270            | -3.54                                                       | ≤11.00                                                     | PASS    |
| 11N40SISO  | Ant1    | 5310            | -4.26                                                       | ≤11.00                                                     | PASS    |
| 11N40SISO  | Ant1    | 5510            | -4.59                                                       | ≤11.00                                                     | PASS    |
| 11N40SISO  | Ant1    | 5550            | -4.02                                                       | ≤11.00                                                     | PASS    |
| 11N40SISO  | Ant1    | 5670            | -3.49                                                       | ≤11.00                                                     | PASS    |
| 11N40SISO  | Ant1    | 5710 UNII-2C    | -3.54                                                       | ≤11.00                                                     | PASS    |
| 11N40SISO  | Ant1    | 5710 UNII-3     | -8.04                                                       | ≤30.00                                                     | PASS    |
| 11N40SISO  | Ant1    | 5755            | -7.40                                                       | ≤30.00                                                     | PASS    |
| 11N40SISO  | Ant1    | 5795            | -7.81                                                       | ≤30.00                                                     | PASS    |
| 11AC20SISO | Ant1    | 5180            | -0.79                                                       | ≤11.00                                                     | PASS    |
| 11AC20SISO | Ant1    | 5200            | -1.12                                                       | ≤11.00                                                     | PASS    |
| 11AC20SISO | Ant1    | 5240            | -1.30                                                       | ≤11.00                                                     | PASS    |
| 11AC20SISO | Ant1    | 5260            | -1.45                                                       | ≤11.00                                                     | PASS    |
| 11AC20SISO | Ant1    | 5280            | -1.56                                                       | ≤11.00                                                     | PASS    |
| 11AC20SISO | Ant1    | 5320            | -1.82                                                       | ≤11.00                                                     | PASS    |
| 11AC20SISO | Ant1    | 5500            | -1.90                                                       | ≤11.00                                                     | PASS    |
| 11AC20SISO | Ant1    | 5580            | -1.23                                                       | ≤11.00                                                     | PASS    |
| 11AC20SISO | Ant1    | 5700            | -1.31                                                       | ≤11.00                                                     | PASS    |
| 11AC20SISO | Ant1    | 5720 UNII-2C    | -1.50                                                       | ≤11.00                                                     | PASS    |
| 11AC20SISO | Ant1    | 5720 UNII-3     | -5.98                                                       | ≤30.00                                                     | PASS    |
| 11AC20SISO | Ant1    | 5745            | -4.70                                                       | ≤30.00                                                     | PASS    |
| 11AC20SISO | Ant1    | 5785            | -5.33                                                       | ≤30.00                                                     | PASS    |
| 11AC20SISO | Ant1    | 5825            | -5.88                                                       | ≤30.00                                                     | PASS    |
| 11AC40SISO | Ant1    | 5190            | -3.30                                                       | ≤11.00                                                     | PASS    |
| 11AC40SISO | Ant1    | 5230            | -3.36                                                       | ≤11.00                                                     | PASS    |
| 11AC40SISO | Ant1    | 5270            | -3.96                                                       | ≤11.00                                                     | PASS    |
| 11AC40SISO | Ant1    | 5310            | -4.23                                                       | ≤11.00                                                     | PASS    |
| 11AC40SISO | Ant1    | 5510            | -4.37                                                       | ≤11.00                                                     | PASS    |
| 11AC40SISO | Ant1    | 5550            | -4.18                                                       | ≤11.00                                                     | PASS    |

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E-mail: info@uttlab.com

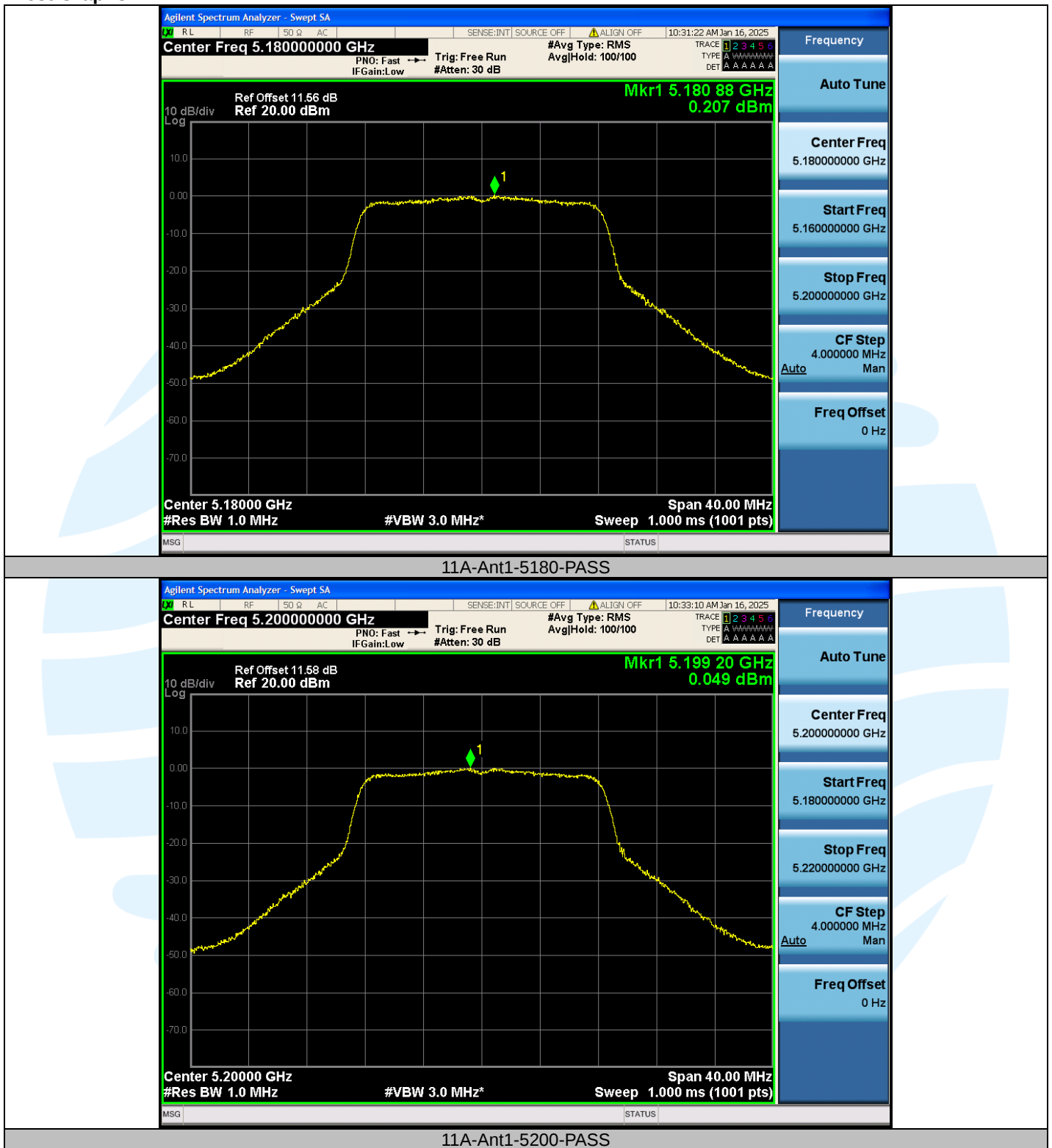
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| Test Mode  | Antenna | Frequency [MHz] | Result<br>[U-NII-1/2A/2C: dBm/MHz]<br>[U-NII-3: dBm/500kHz] | Limit<br>[U-NII-1/2A/2C: dBm/MHz]<br>[U-NII-3: dBm/500kHz] | Verdict |
|------------|---------|-----------------|-------------------------------------------------------------|------------------------------------------------------------|---------|
| 11AC40SISO | Ant1    | 5670            | -3.49                                                       | ≤11.00                                                     | PASS    |
| 11AC40SISO | Ant1    | 5710 UNII-2C    | -3.79                                                       | ≤11.00                                                     | PASS    |
| 11AC40SISO | Ant1    | 5710 UNII-3     | -8.33                                                       | ≤30.00                                                     | PASS    |
| 11AC40SISO | Ant1    | 5755            | -7.24                                                       | ≤30.00                                                     | PASS    |
| 11AC40SISO | Ant1    | 5795            | -7.75                                                       | ≤30.00                                                     | PASS    |
| 11AC80SISO | Ant1    | 5210            | -6.63                                                       | ≤11.00                                                     | PASS    |
| 11AC80SISO | Ant1    | 5290            | -7.26                                                       | ≤11.00                                                     | PASS    |
| 11AC80SISO | Ant1    | 5530            | -7.86                                                       | ≤11.00                                                     | PASS    |
| 11AC80SISO | Ant1    | 5610            | -6.96                                                       | ≤11.00                                                     | PASS    |
| 11AC80SISO | Ant1    | 5690 UNII-2C    | -7.06                                                       | ≤11.00                                                     | PASS    |
| 11AC80SISO | Ant1    | 5690 UNII-3     | -11.94                                                      | ≤30.00                                                     | PASS    |
| 11AC80SISO | Ant1    | 5775            | -10.47                                                      | ≤30.00                                                     | PASS    |

**Note:** 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.  
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.

## Test Graphs



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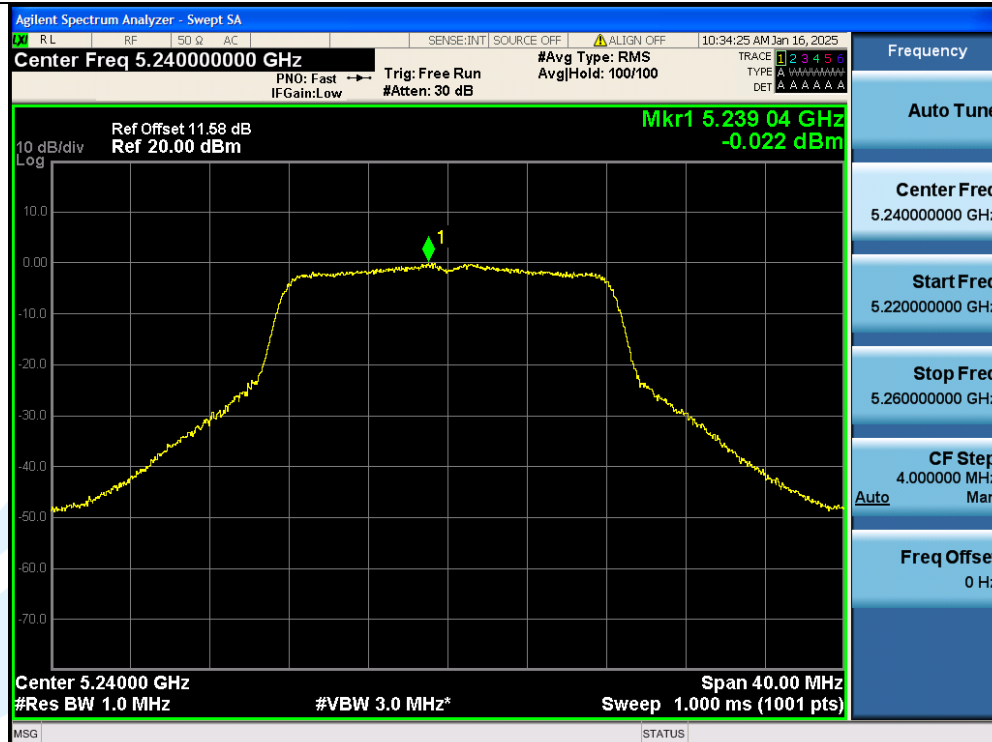
Tel: +86-755-28230888

Fax: +86-755-28230886

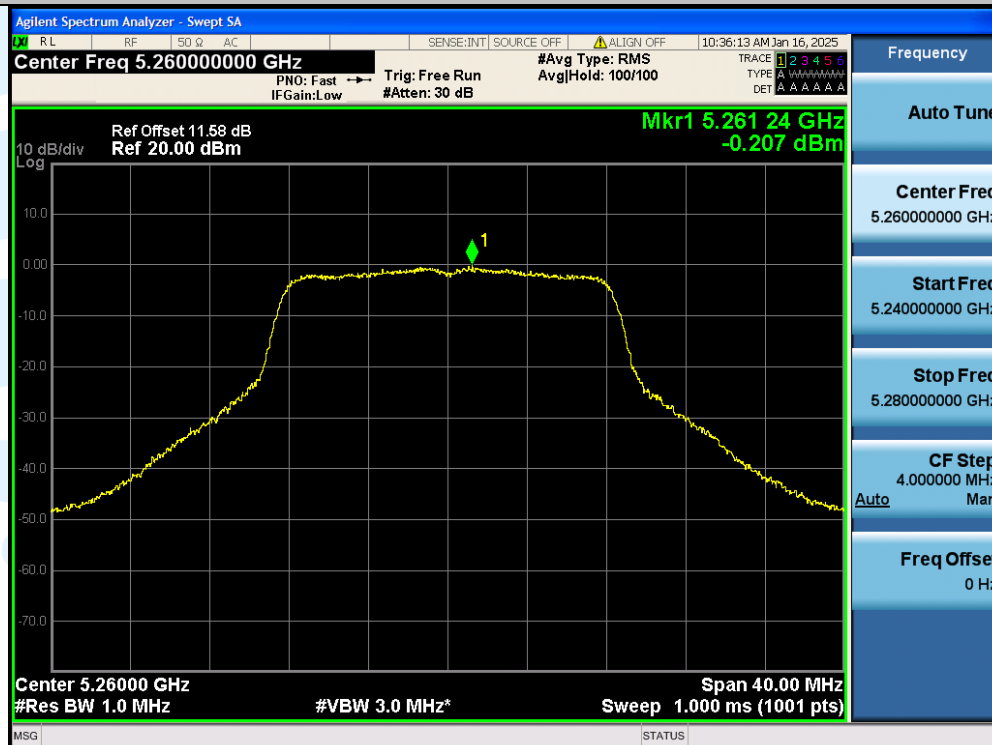
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11A-Ant1-5240-PASS



11A-Ant1-5260-PASS

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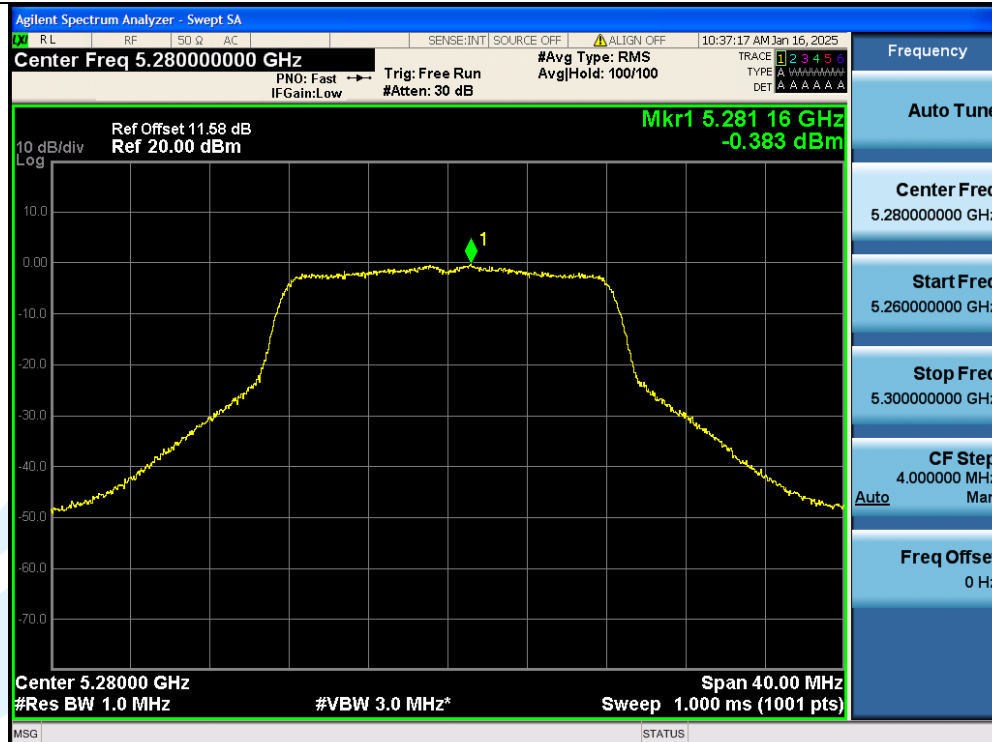
Tel: +86-755-28230888

Fax: +86-755-28230886

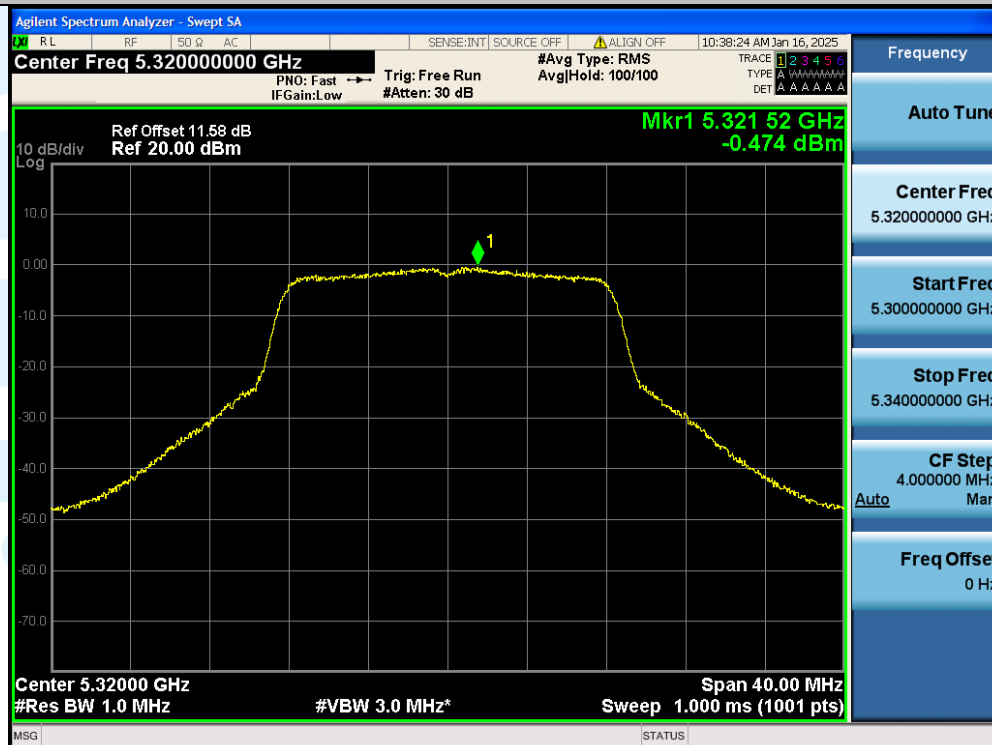
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11A-Ant1-5280-PASS



11A-Ant1-5320-PASS

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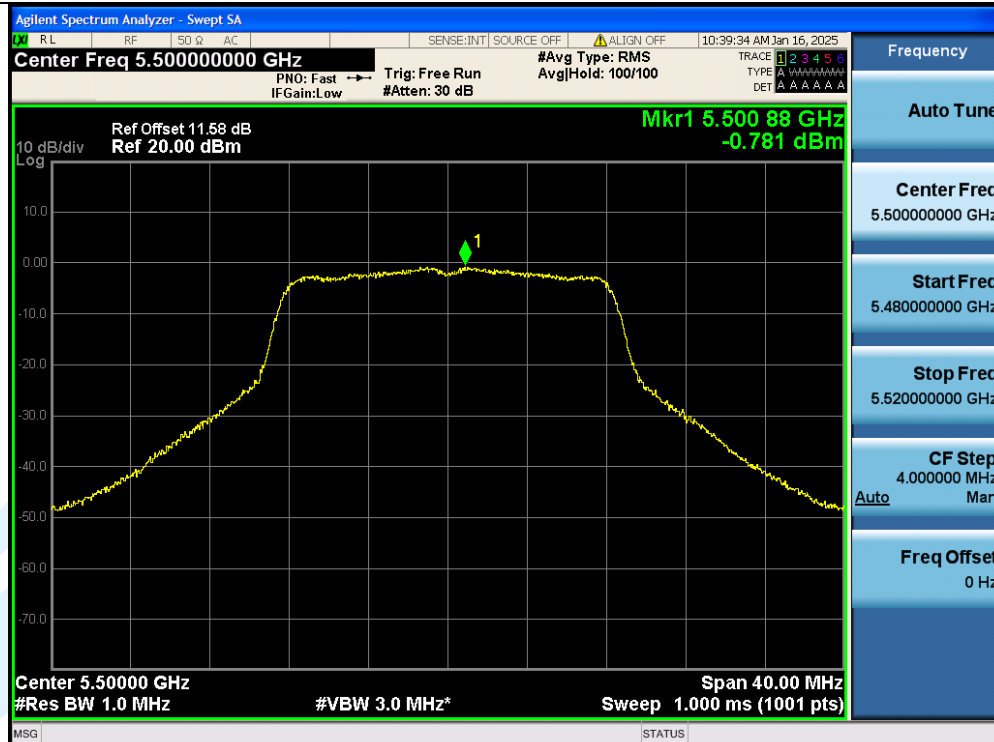
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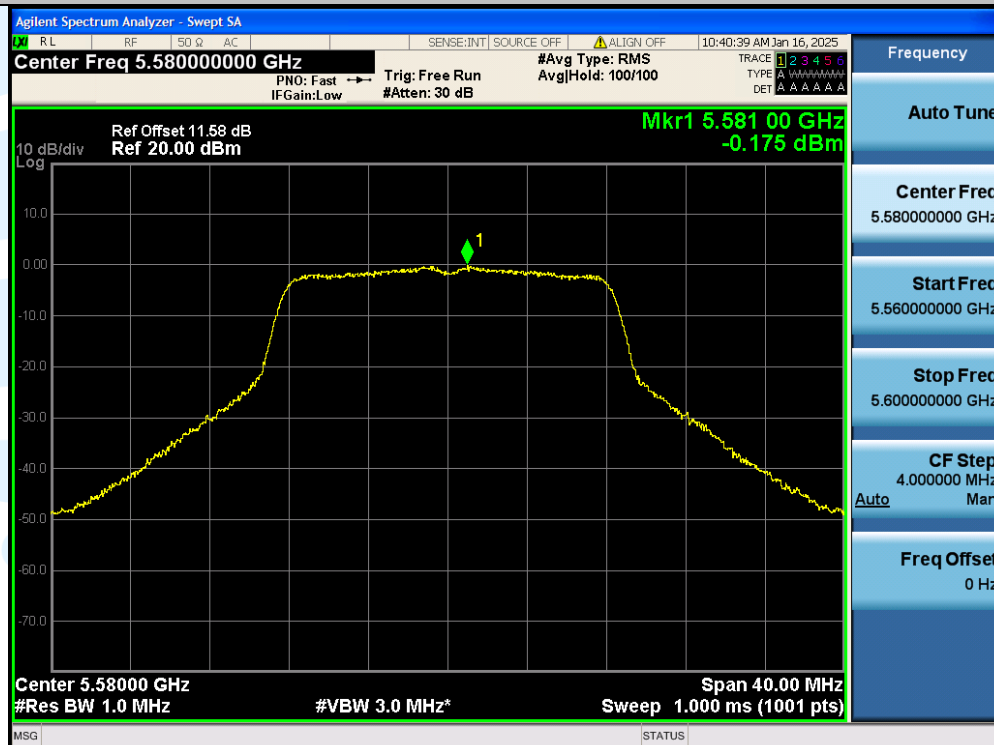
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11A-Ant1-5500-PASS



11A-Ant1-5580-PASS

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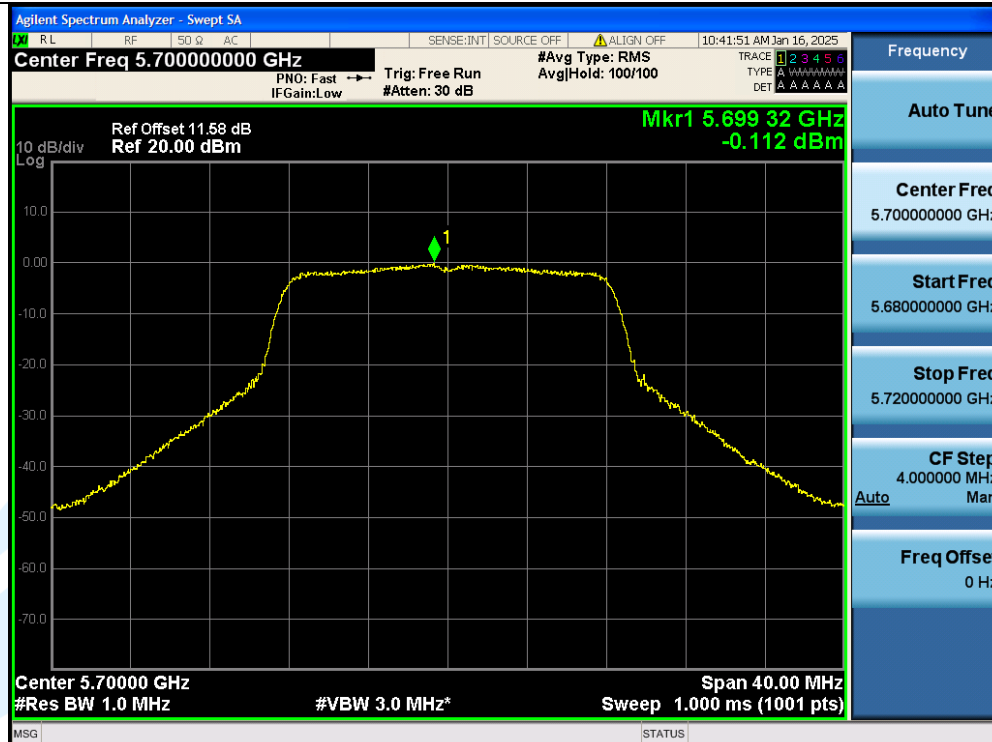
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Fax: +86-755-28230886

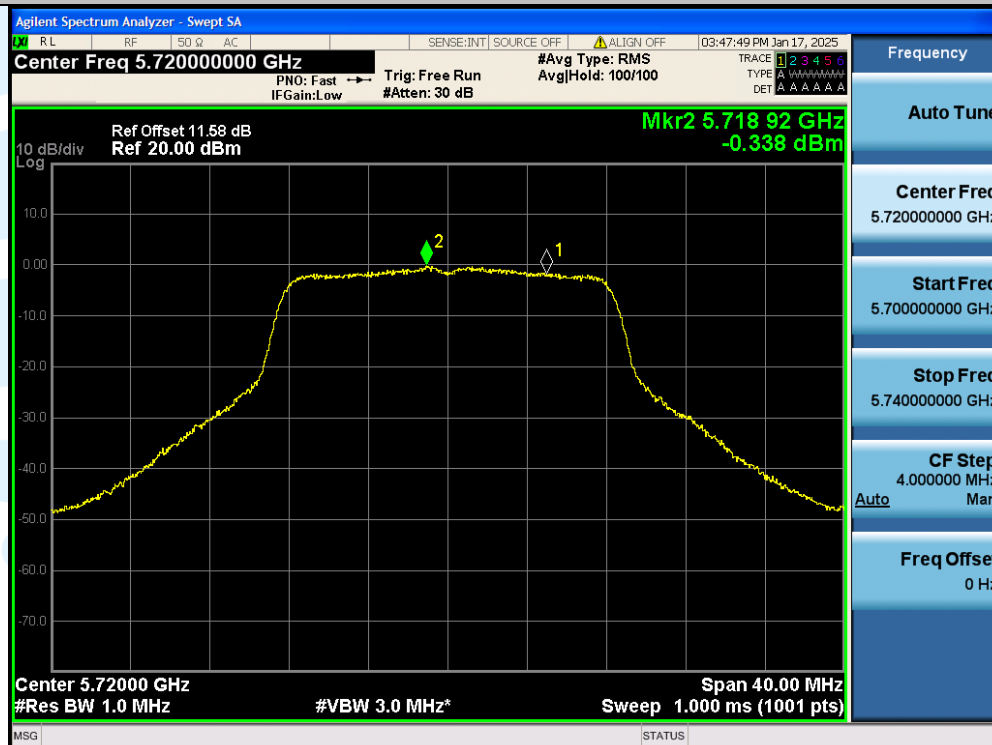
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11A-Ant1-5700-PASS



11A-Ant1-5720\_UNII-2C-PASS

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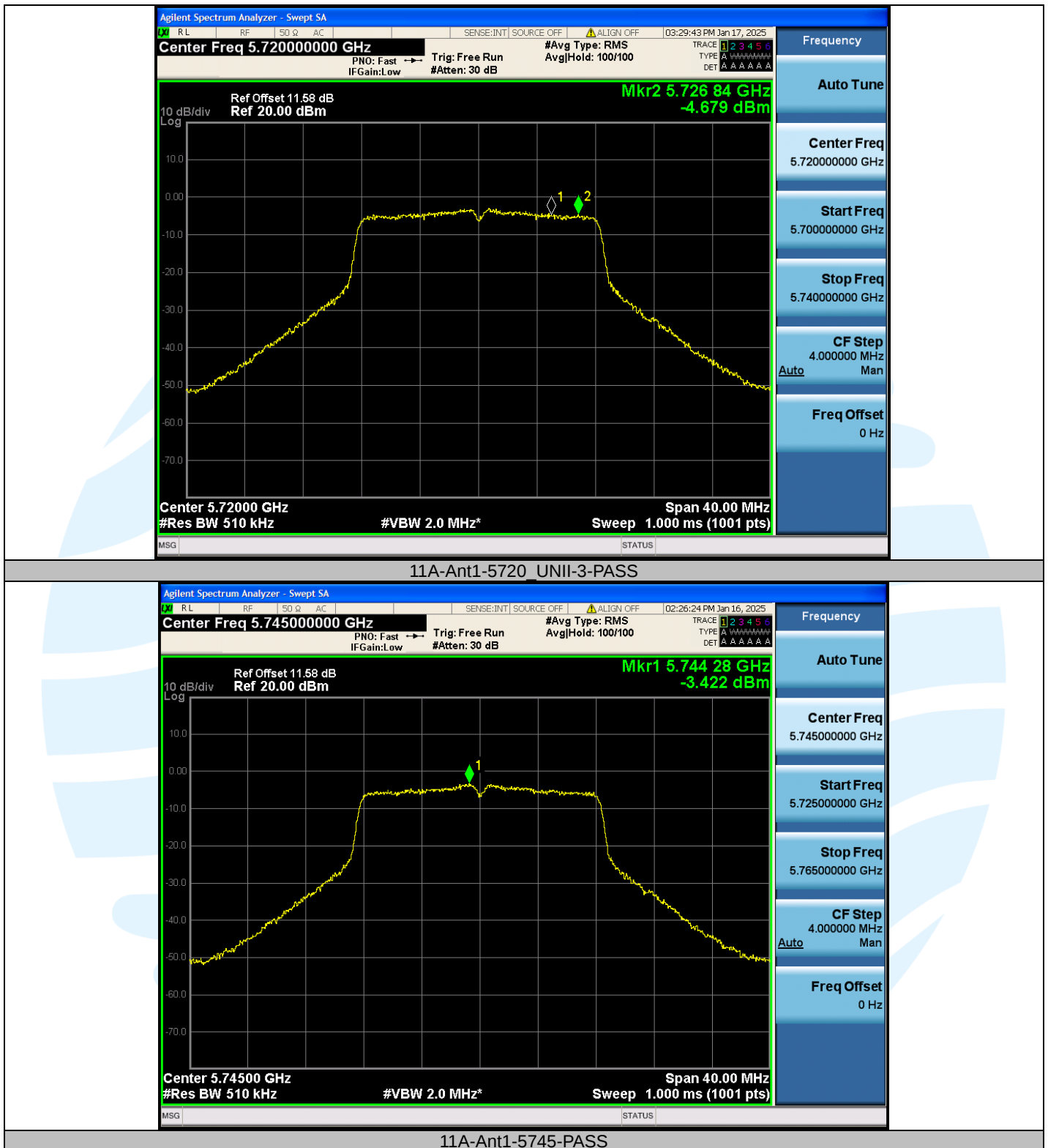
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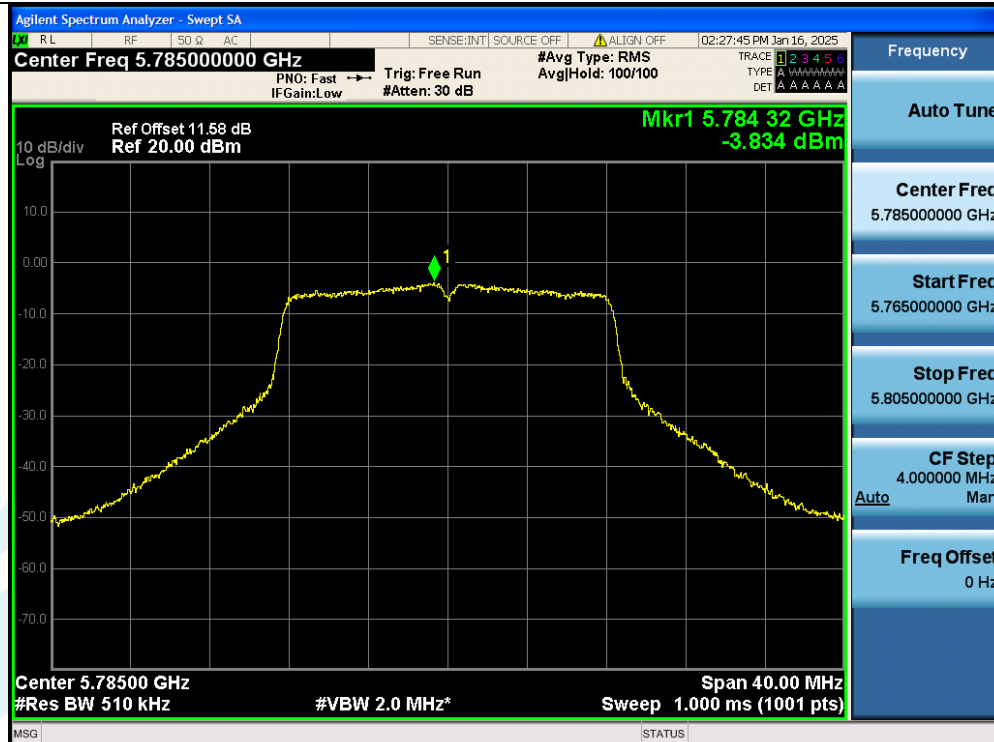
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Fax: +86-755-28230886

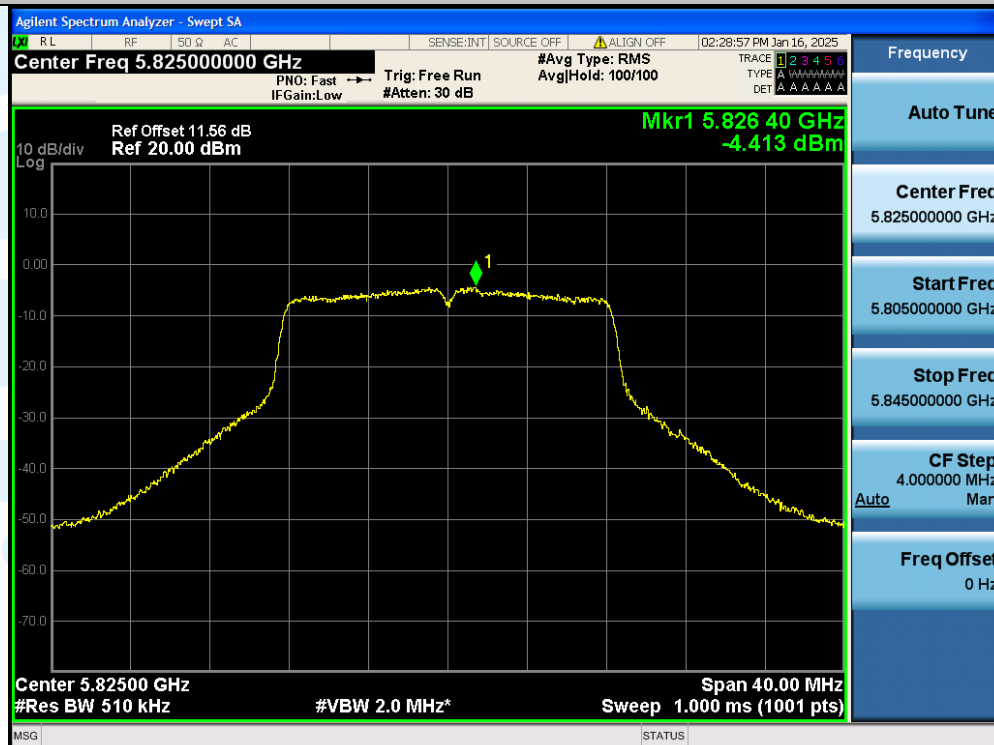
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11A-Ant1-5785-PASS



11A-Ant1-5825-PASS

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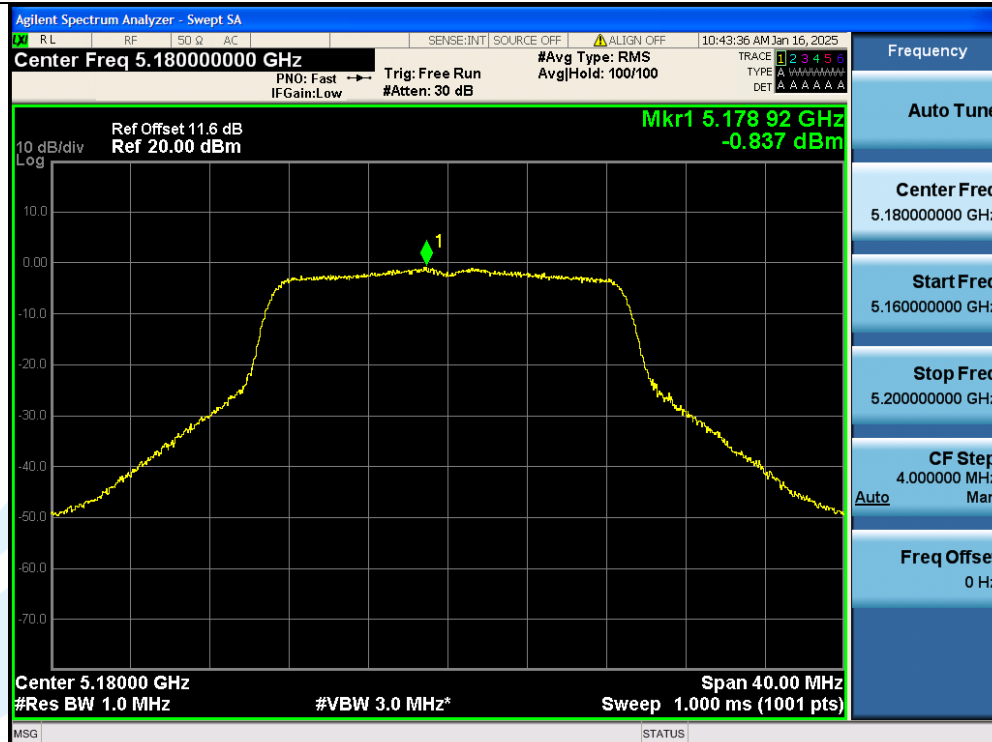
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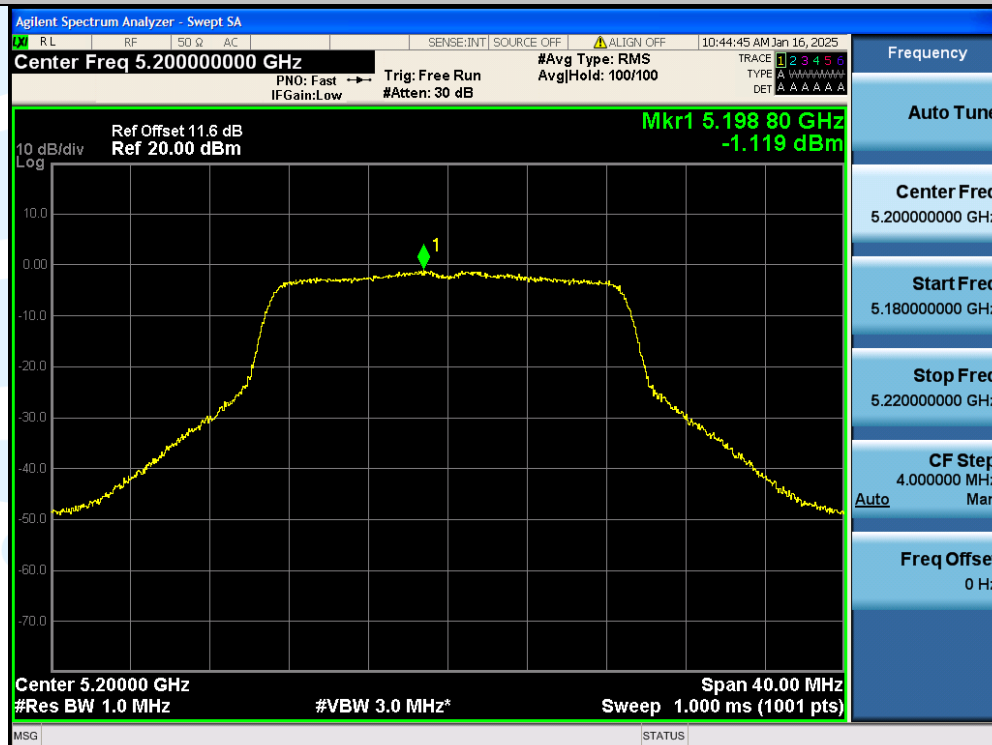
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11N20SISO-Ant1-5180-PASS



11N20SISO-Ant1-5200-PASS

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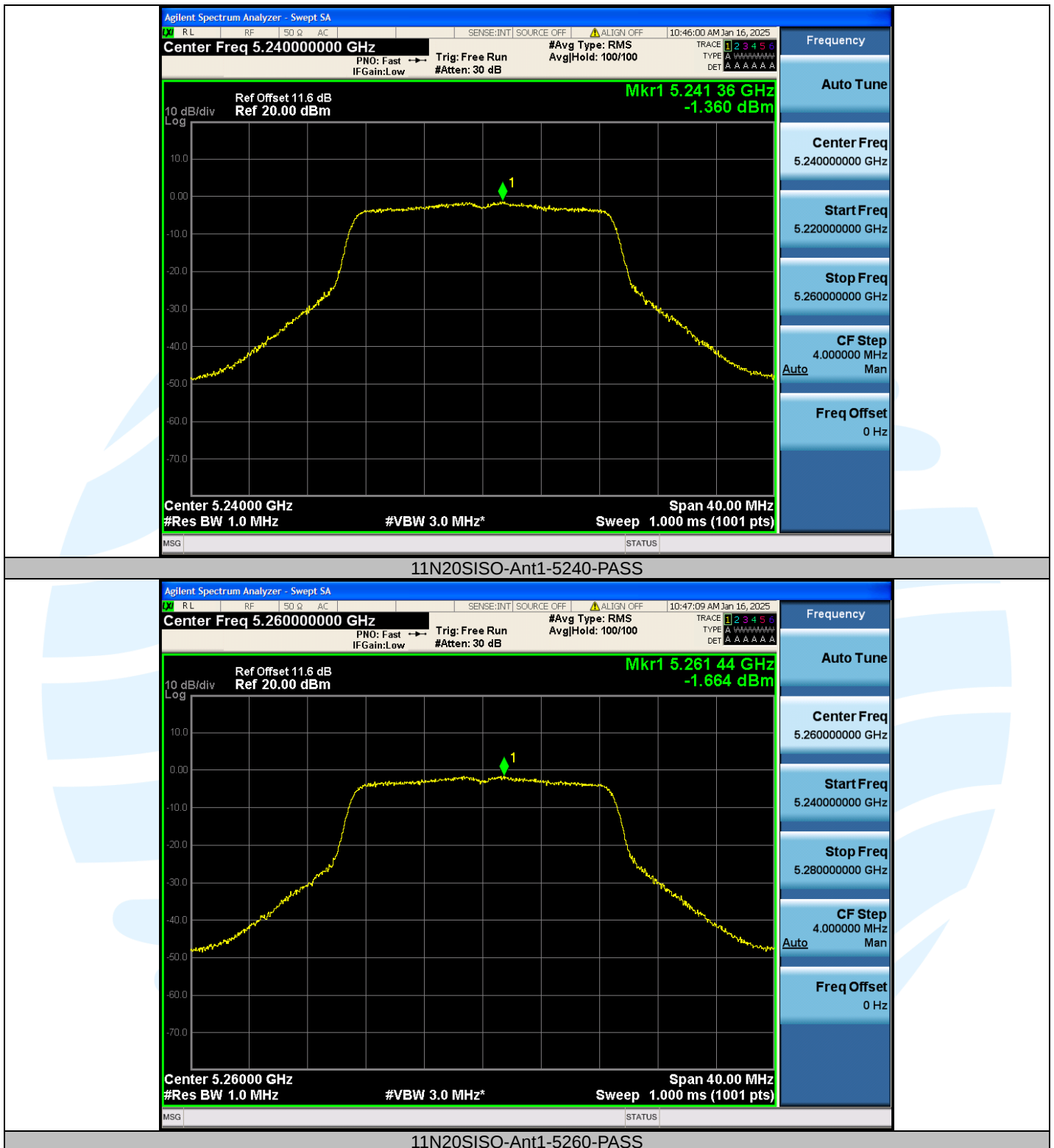
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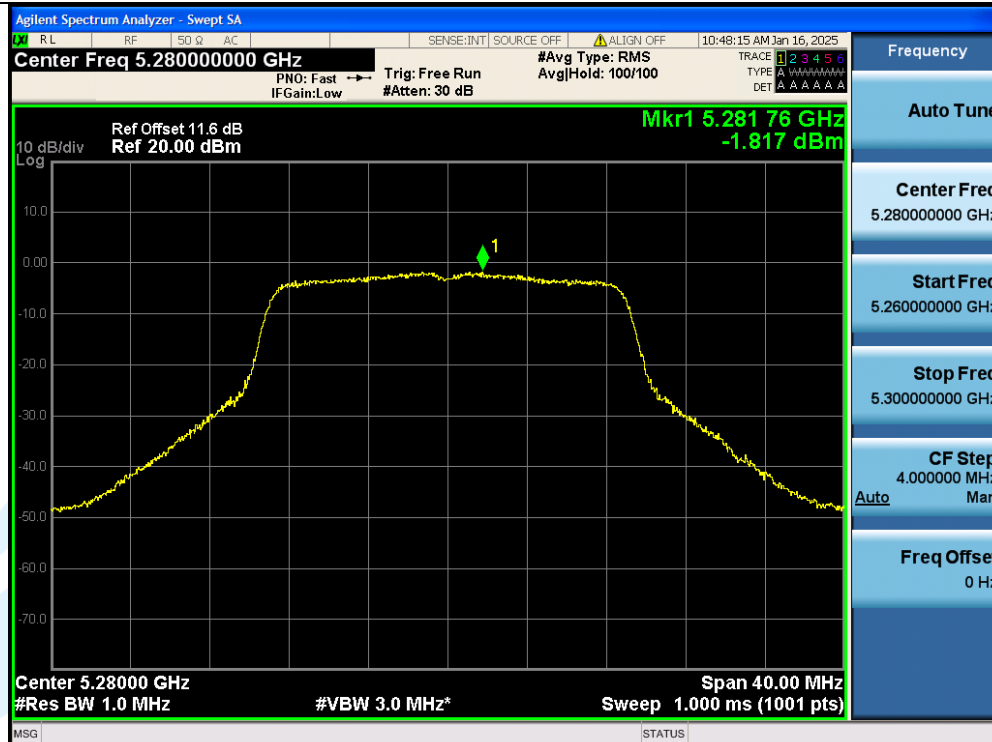
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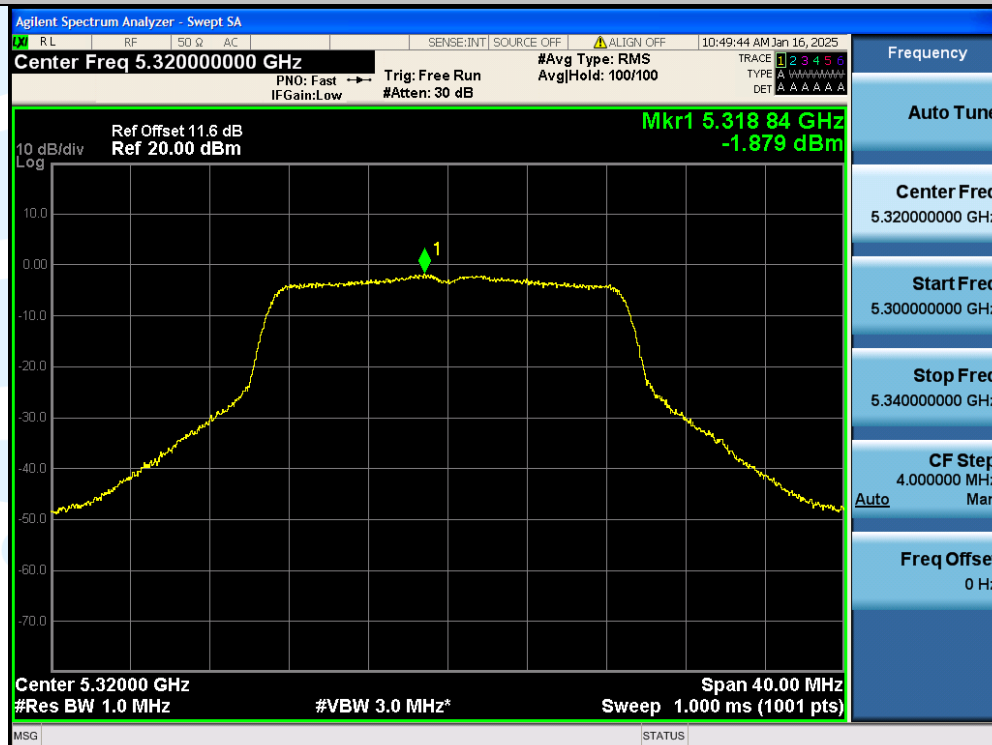
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11N20SISO-Ant1-5280-PASS



11N20SISO-Ant1-5320-PASS

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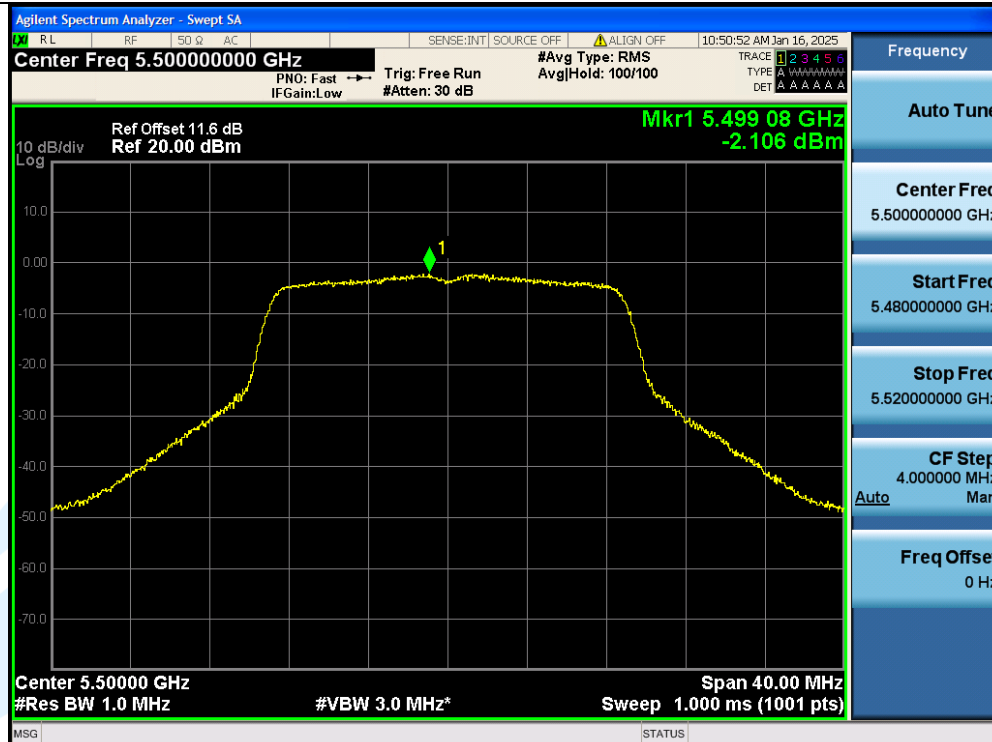
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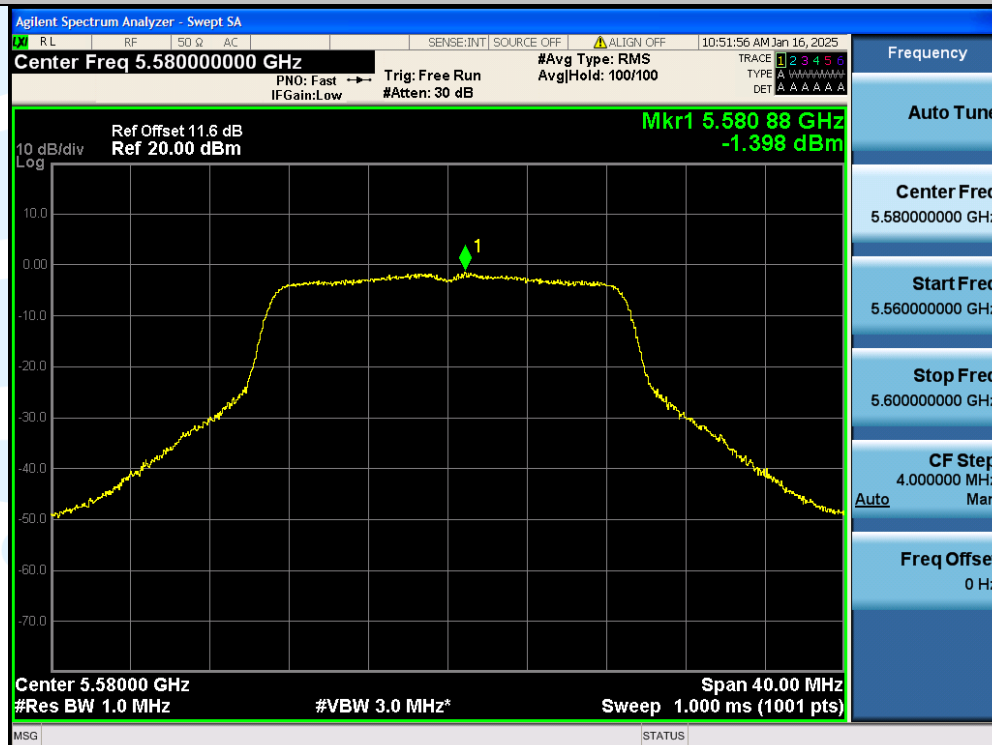
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11N20SISO-Ant1-5500-PASS



11N20SISO-Ant1-5580-PASS

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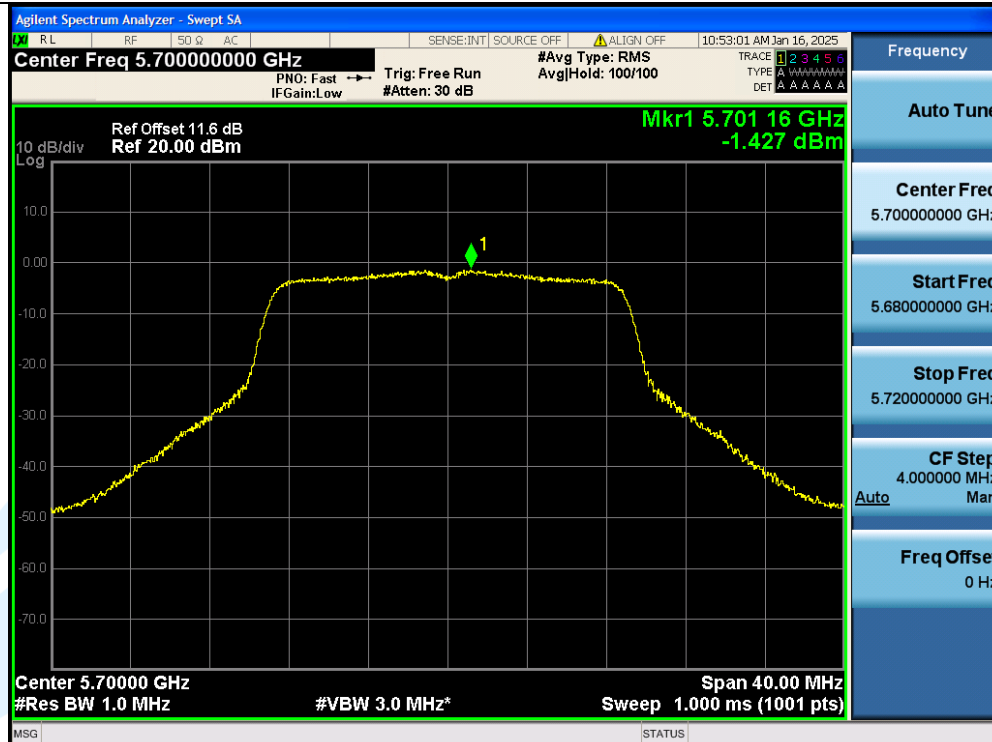
Tel: +86-755-28230886

Fax: +86-755-28230886

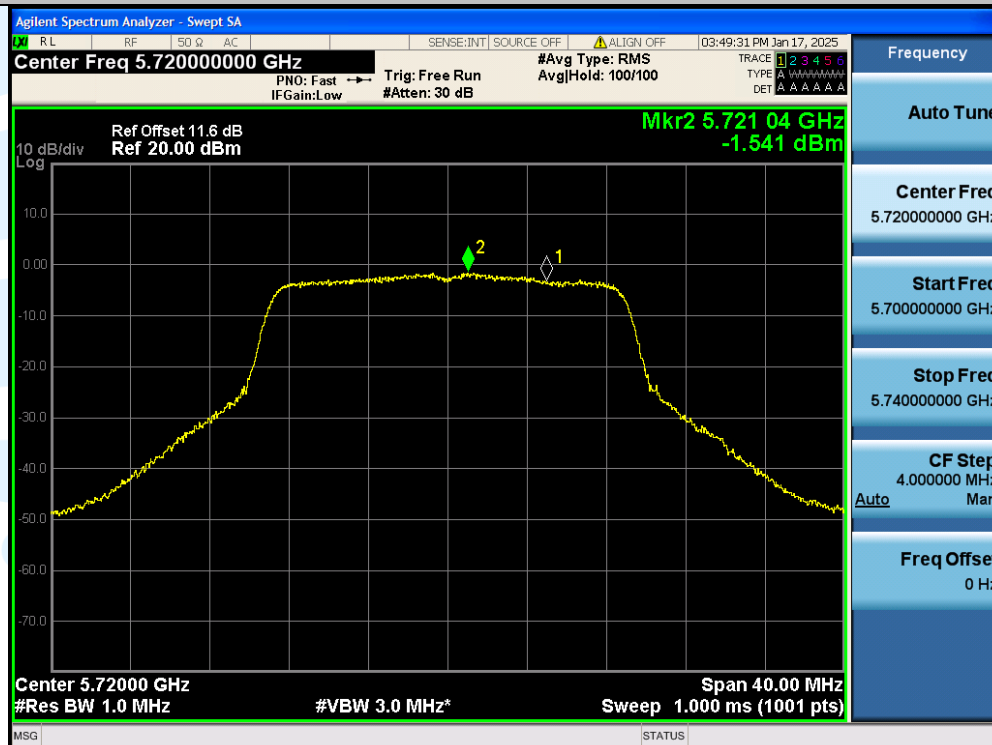
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11N20SISO-Ant1-5700-PASS



11N20SISO-Ant1-5720\_UNII-2C-PASS

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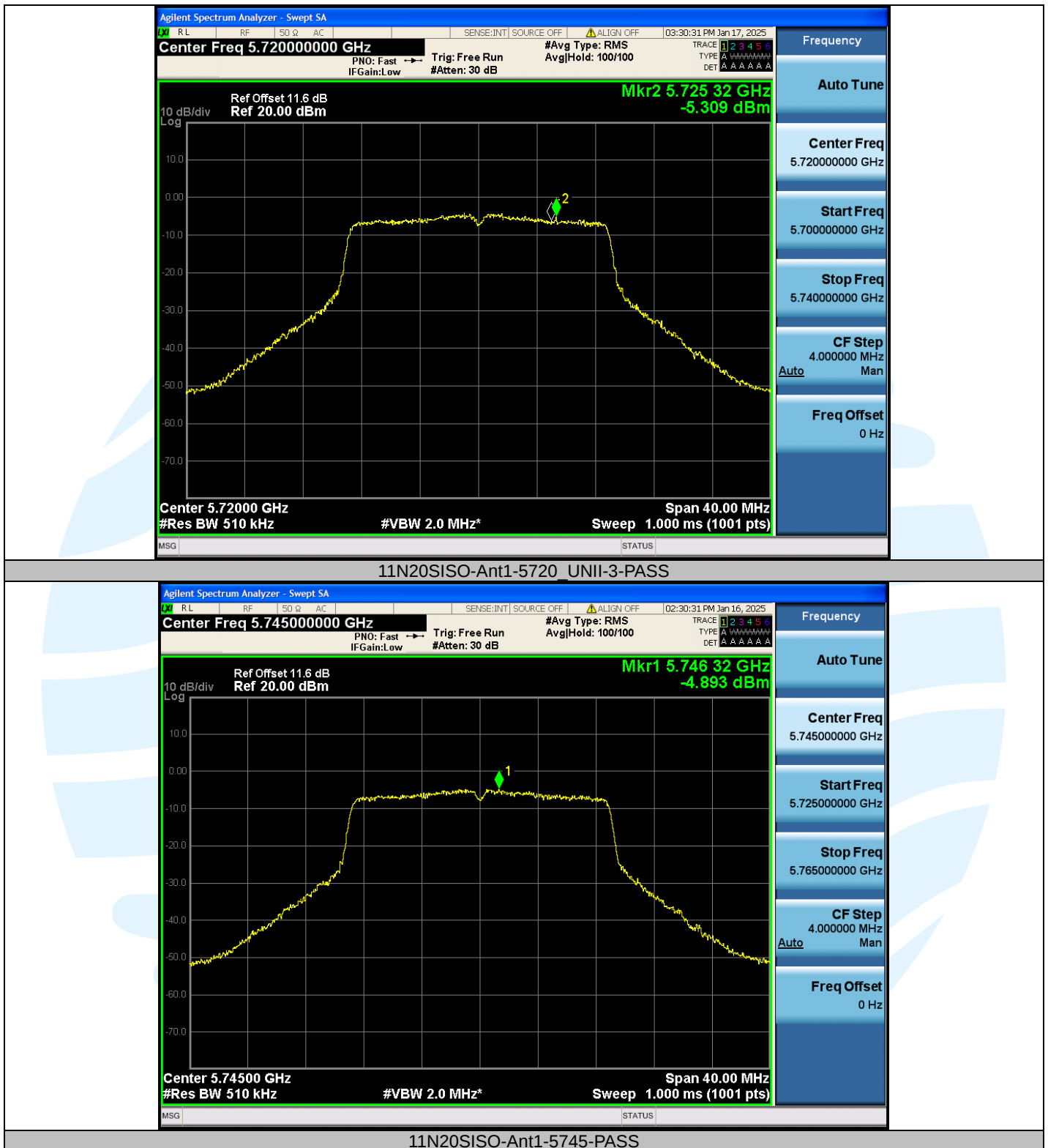
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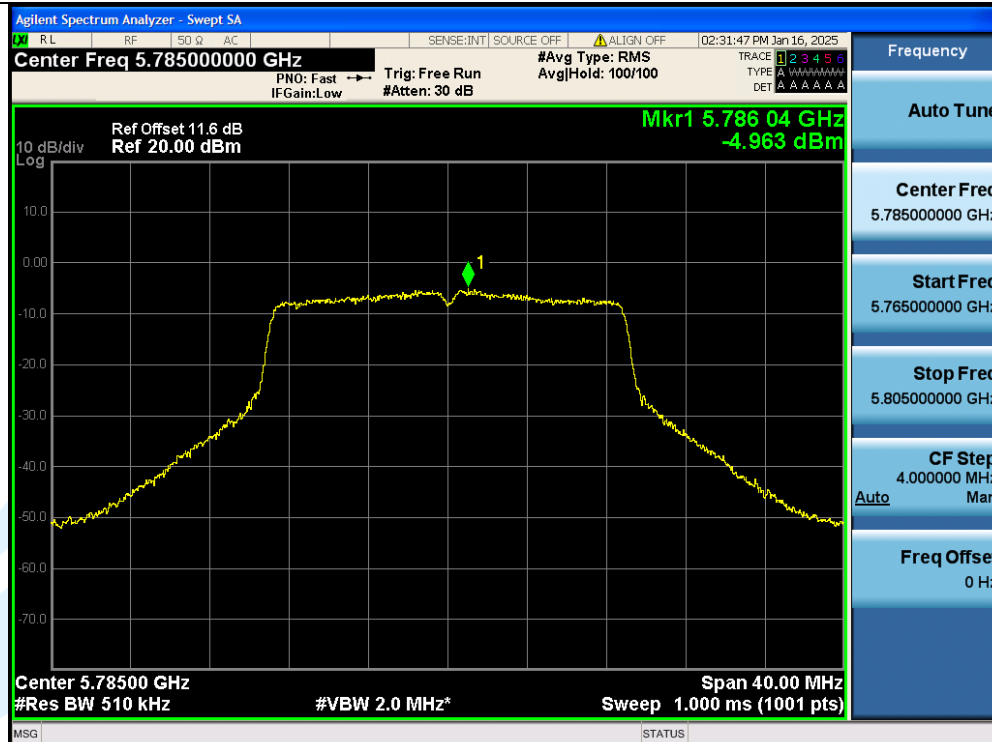
Tel: +86-755-28230886

Fax: +86-755-28230886

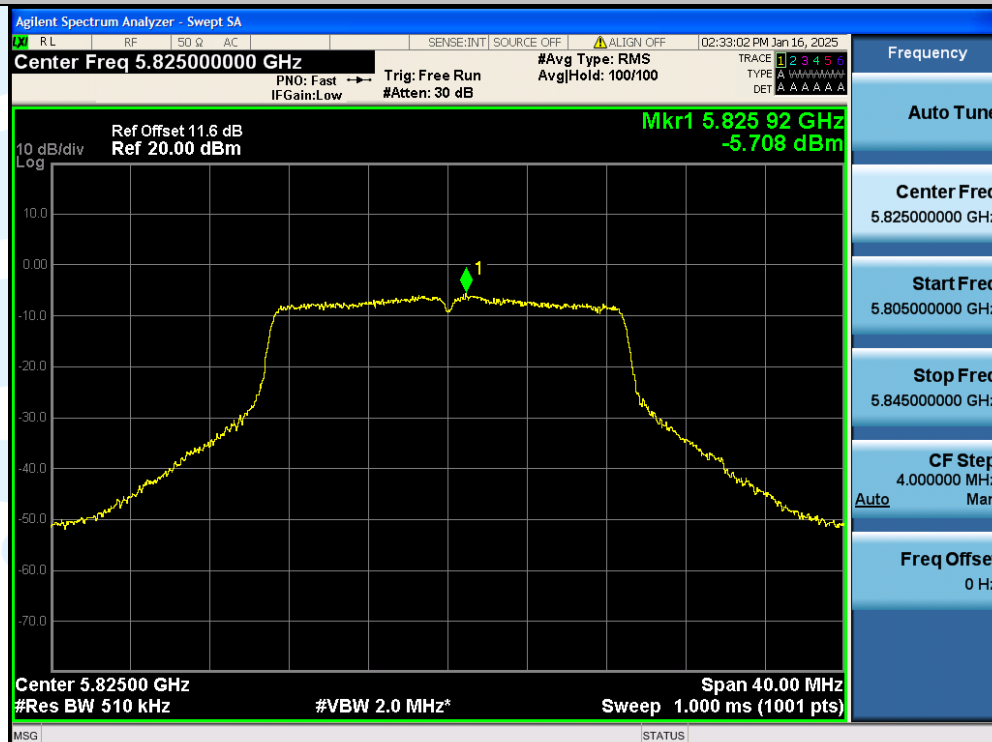
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11N20SISO-Ant1-5785-PASS



11N20SISO-Ant1-5825-PASS

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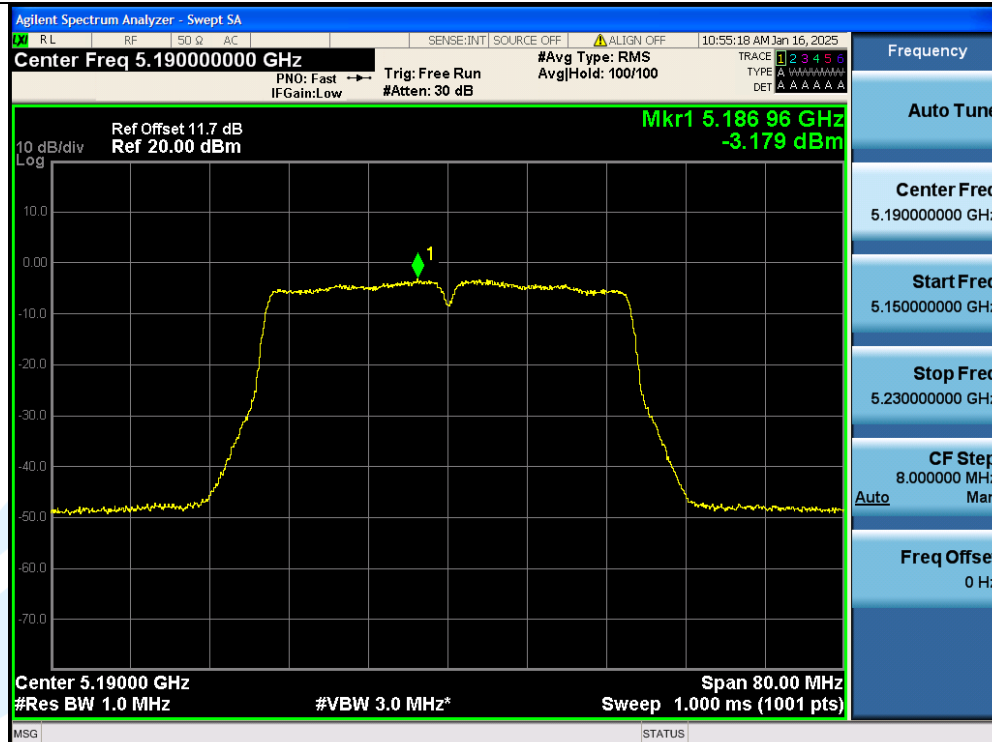
Tel: +86-755-28230888

Fax: +86-755-28230886

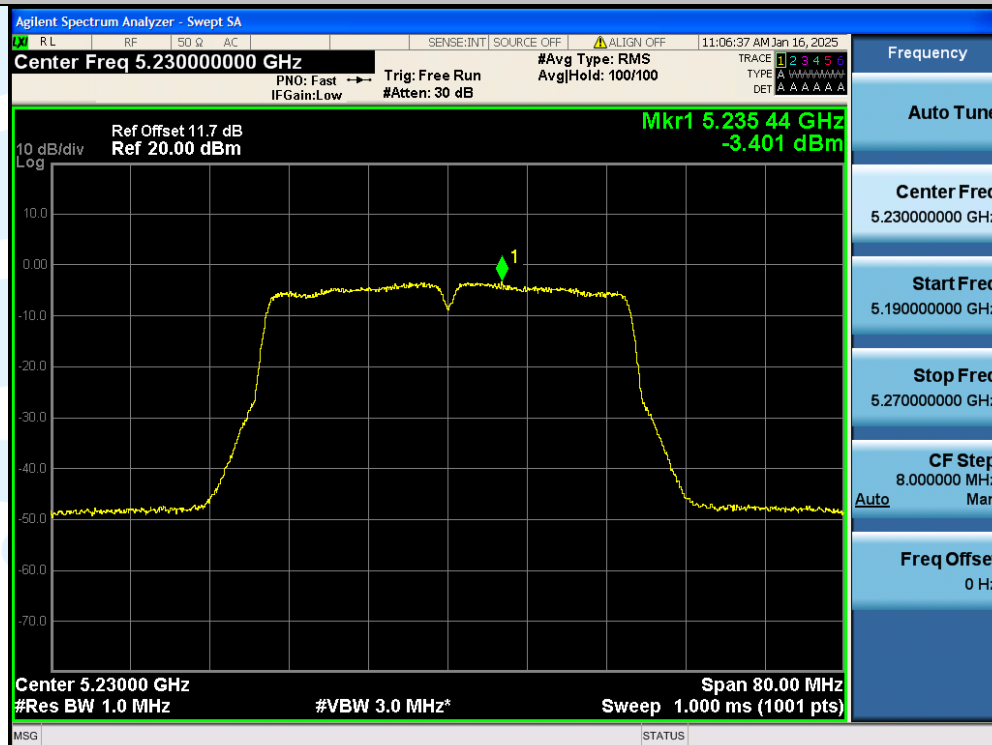
E-mail: info@uttlab.com

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11N40SISO-Ant1-5190-PASS



11N40SISO-Ant1-5230-PASS

## Shenzhen UnionTrust Quality and Technology Co., Ltd.

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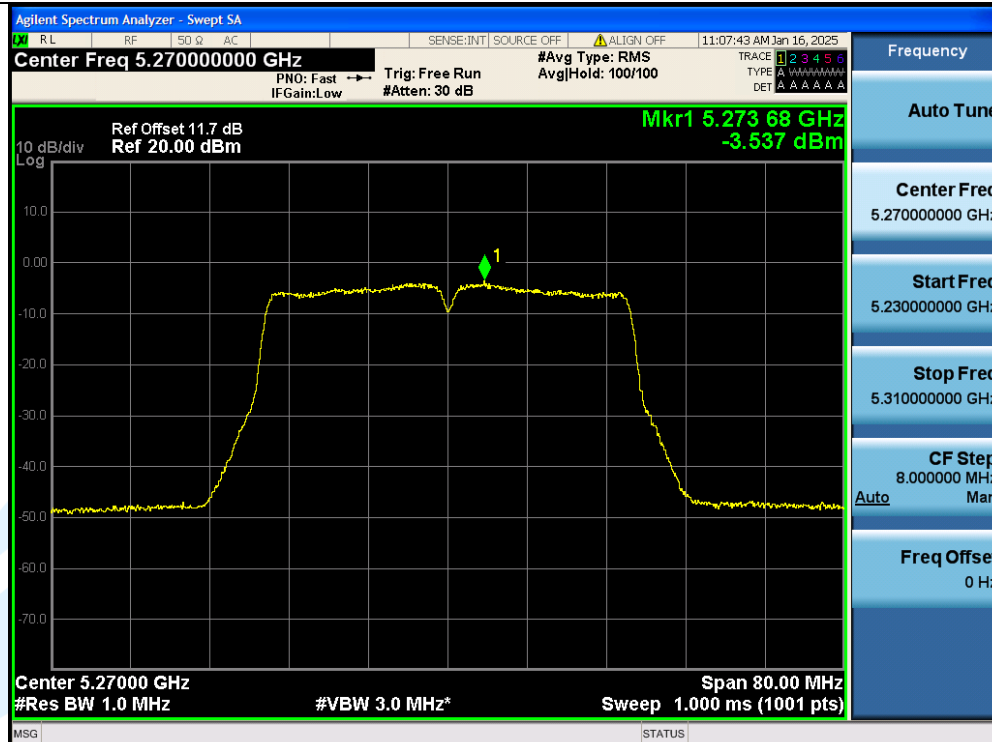
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Fax: +86-755-28230886

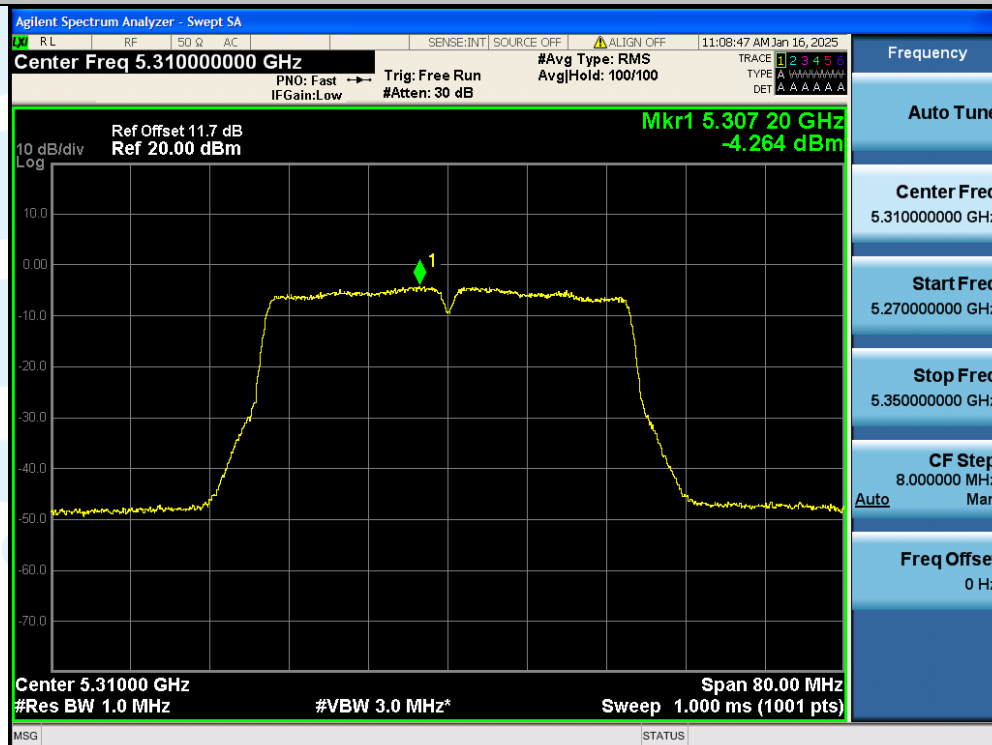
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11N40SISO-Ant1-5270-PASS



11N40SISO-Ant1-5310-PASS

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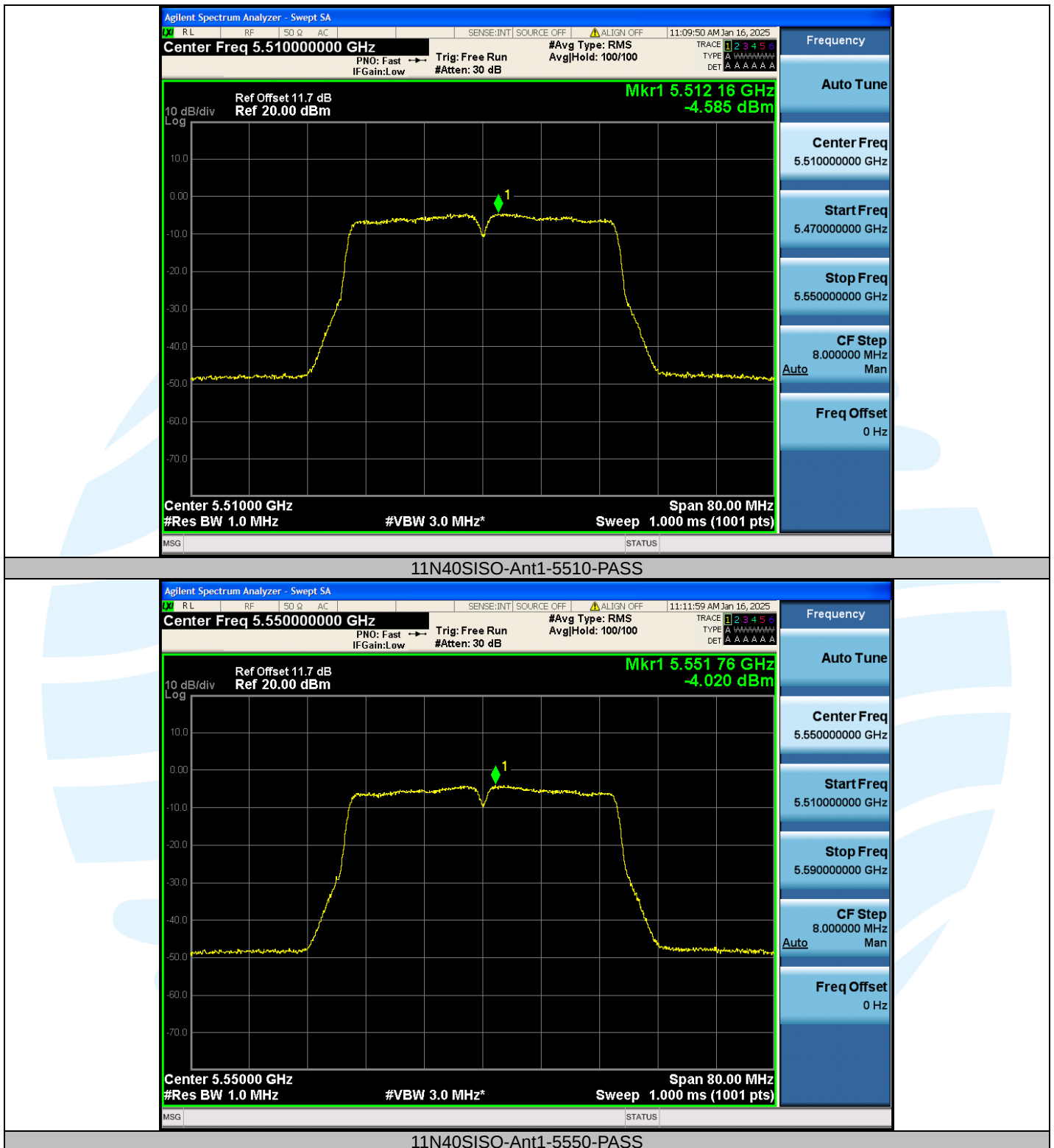
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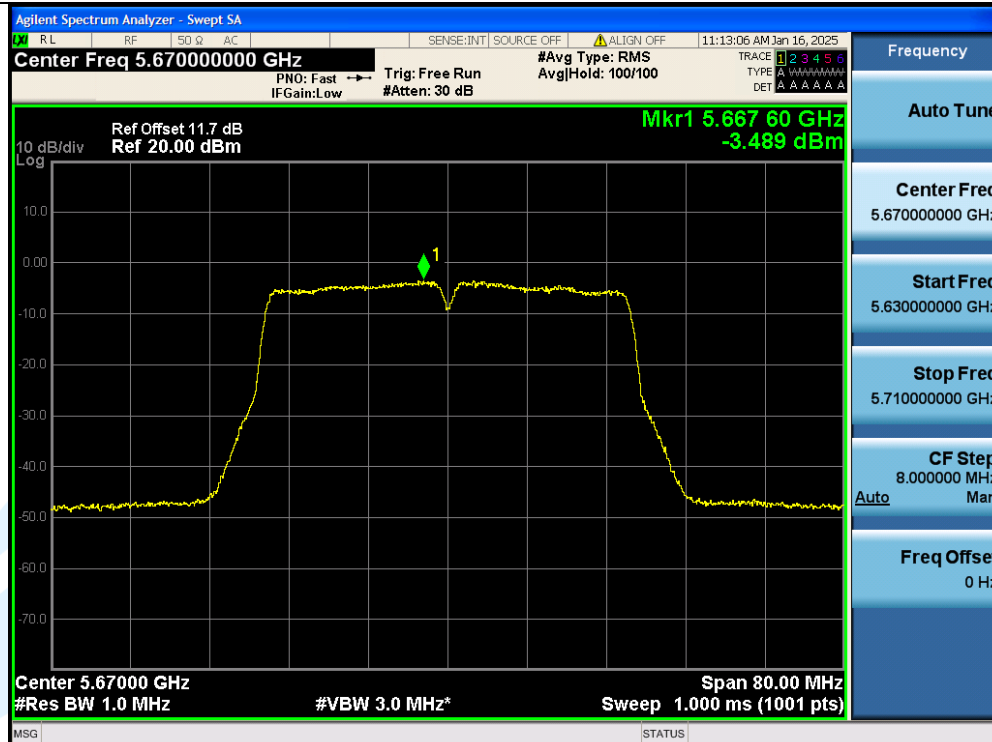
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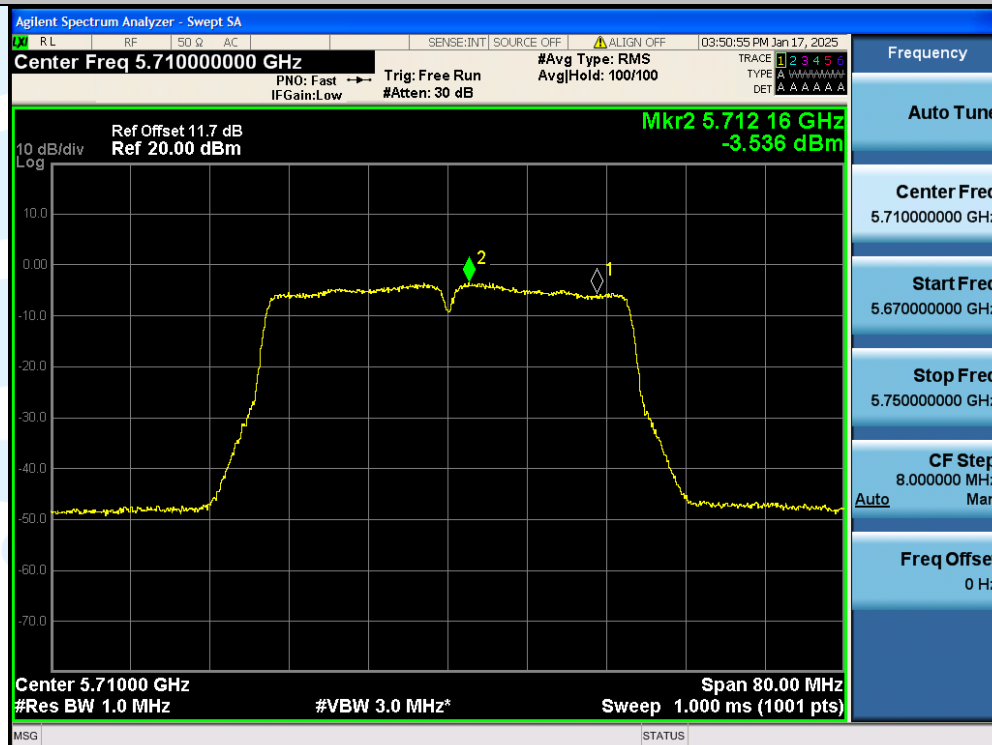
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11N40SISO-Ant1-5670-PASS



11N40SISO-Ant1-5710\_UNII-2C-PASS

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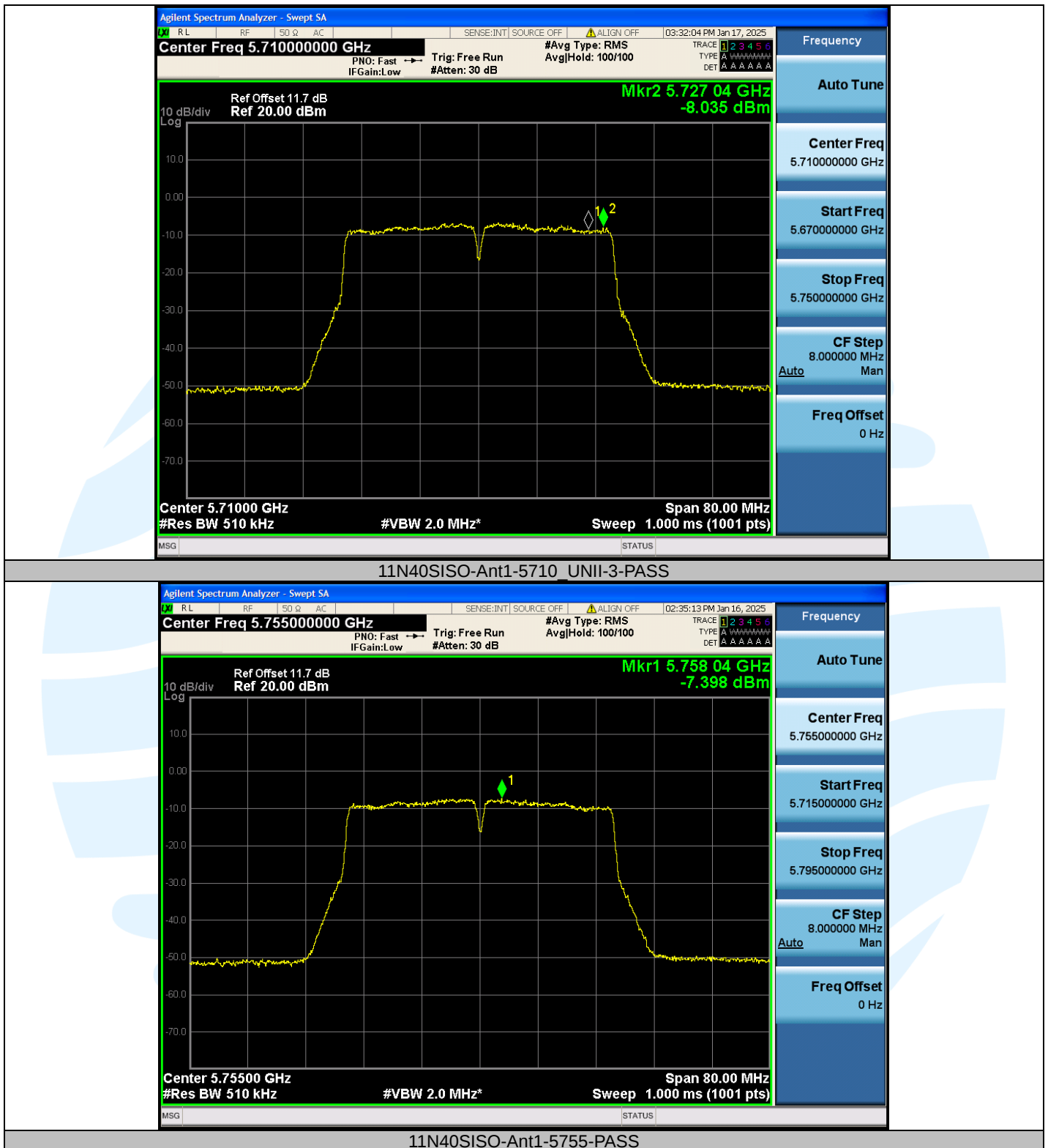
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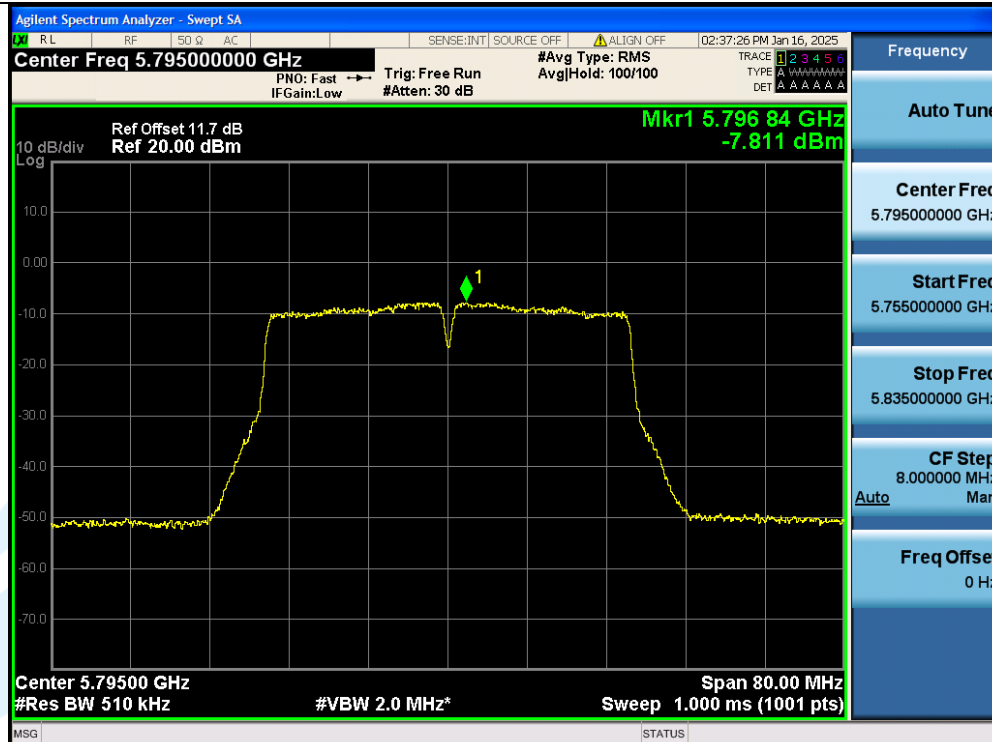
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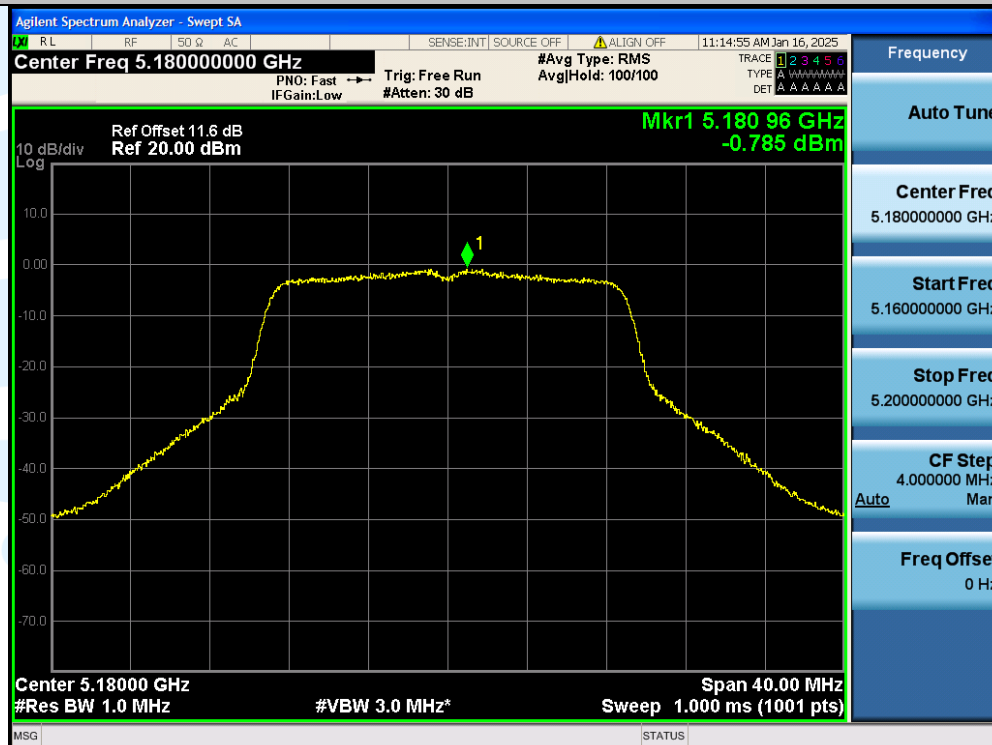
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11N40SISO-Ant1-5795-PASS



11AC20SISO-Ant1-5180-PASS

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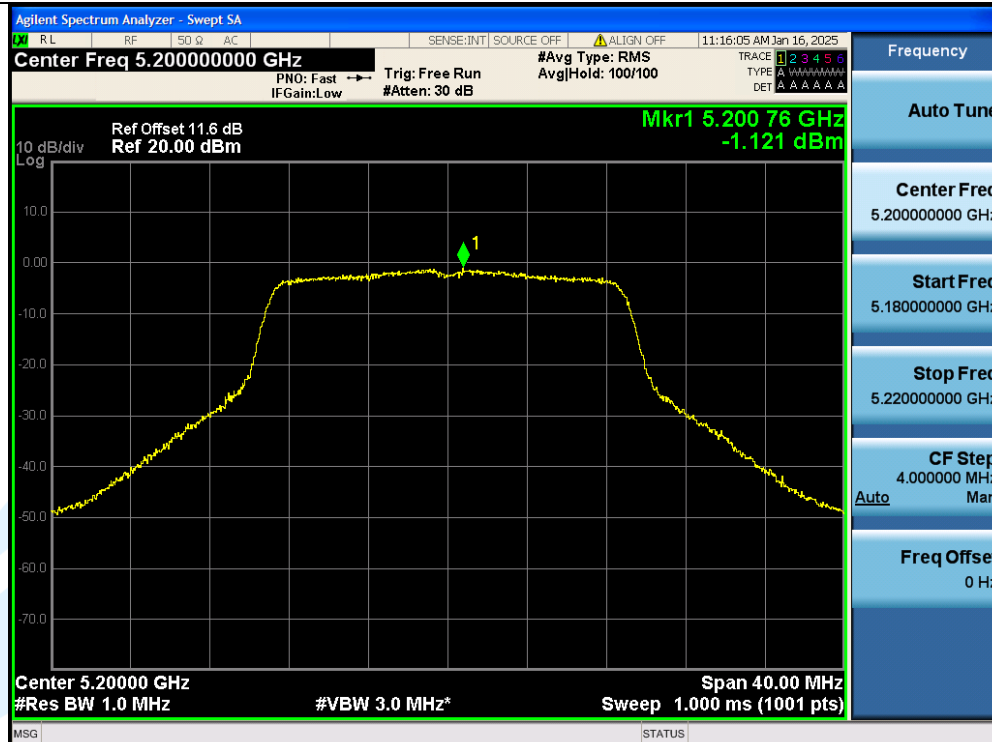
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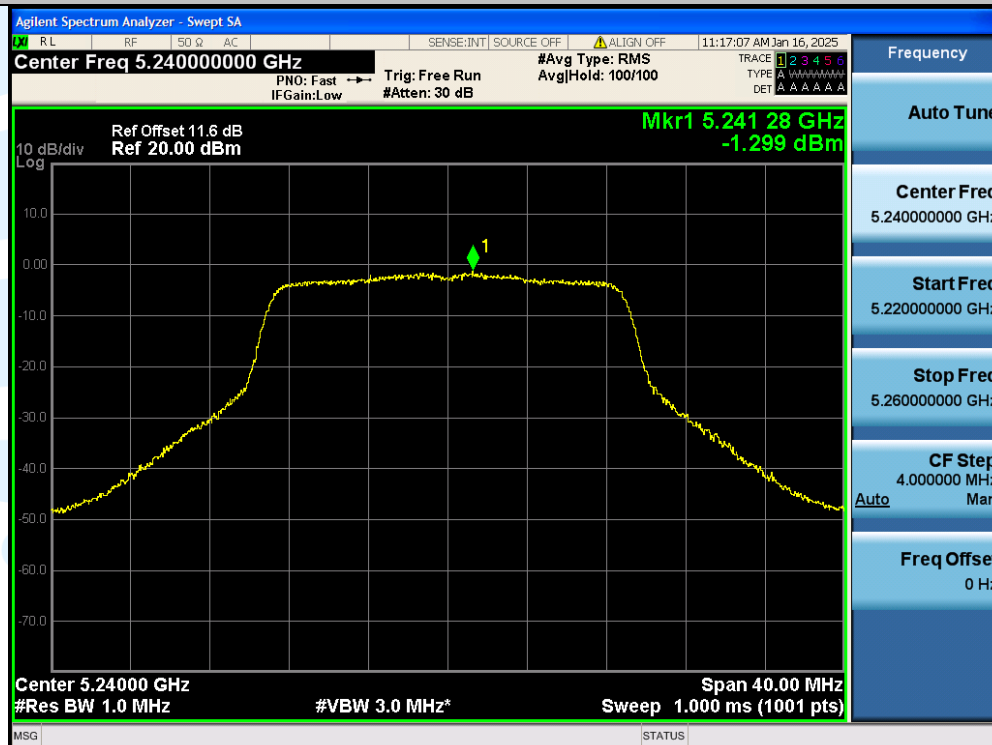
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11AC20SISO-Ant1-5200-PASS



11AC20SISO-Ant1-5240-PASS

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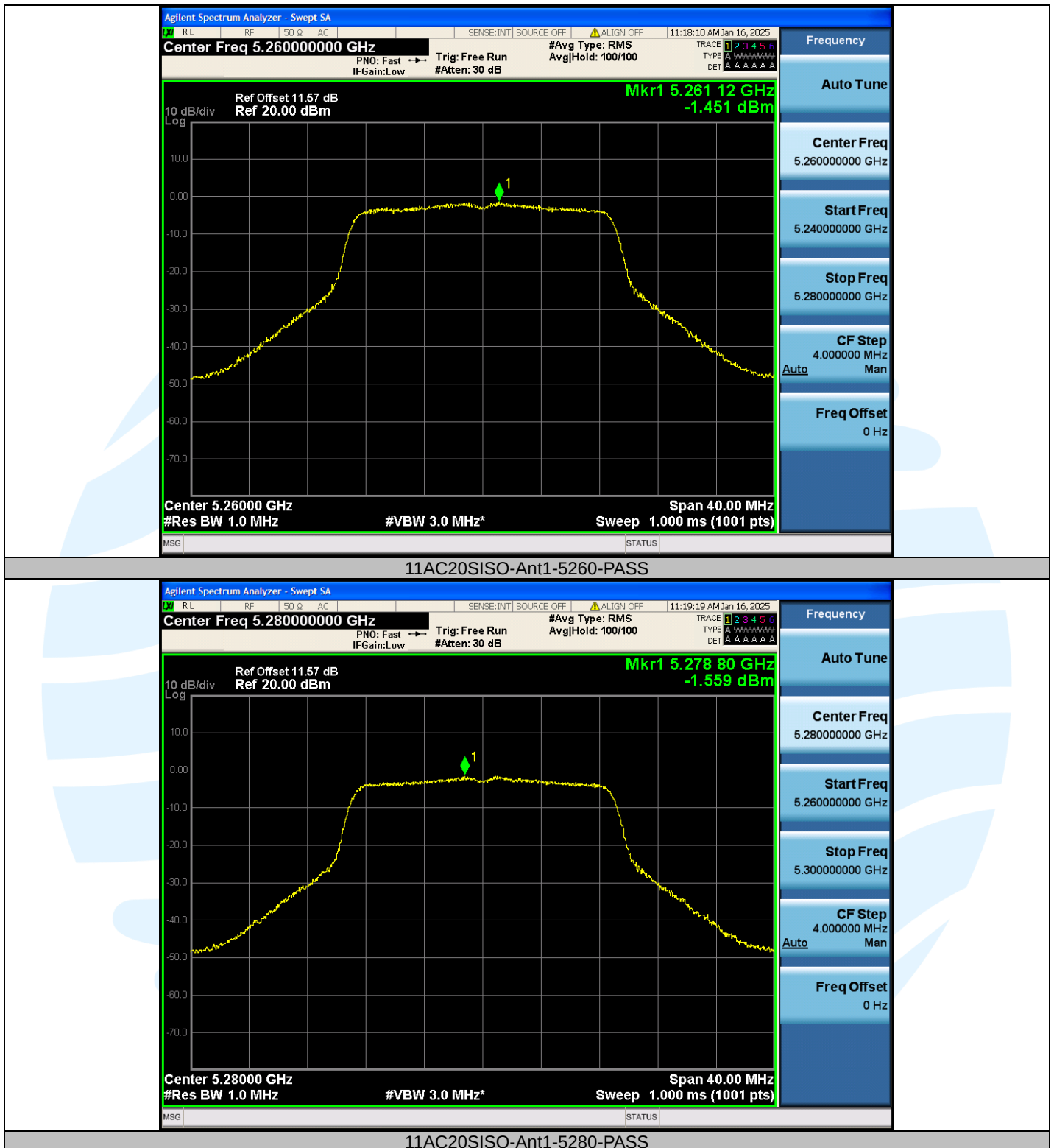
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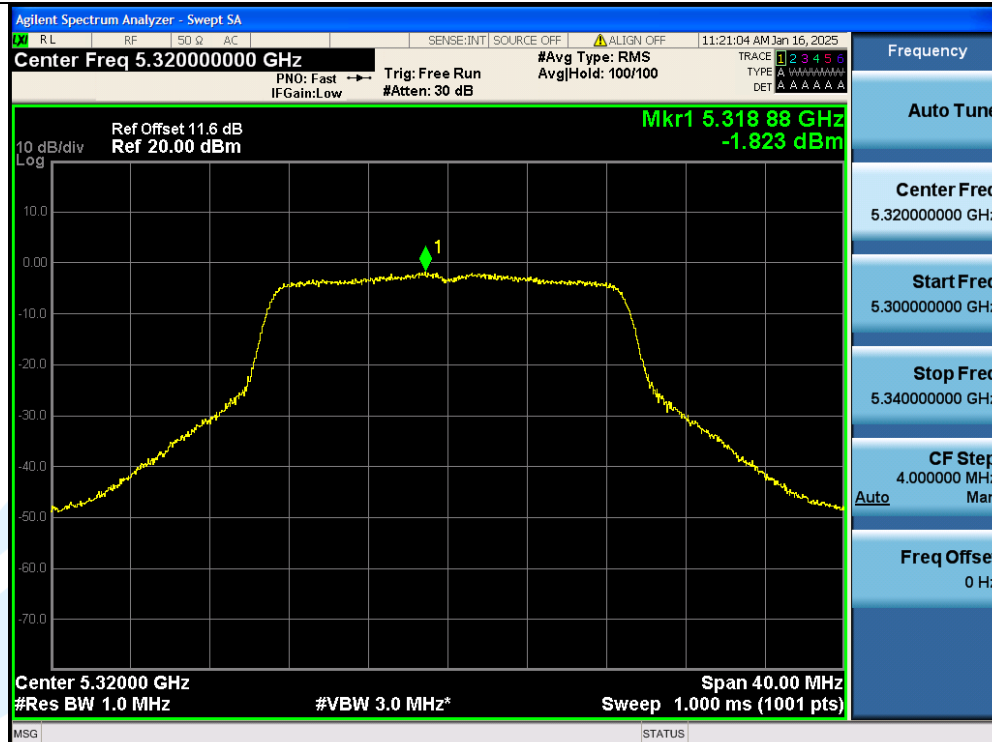
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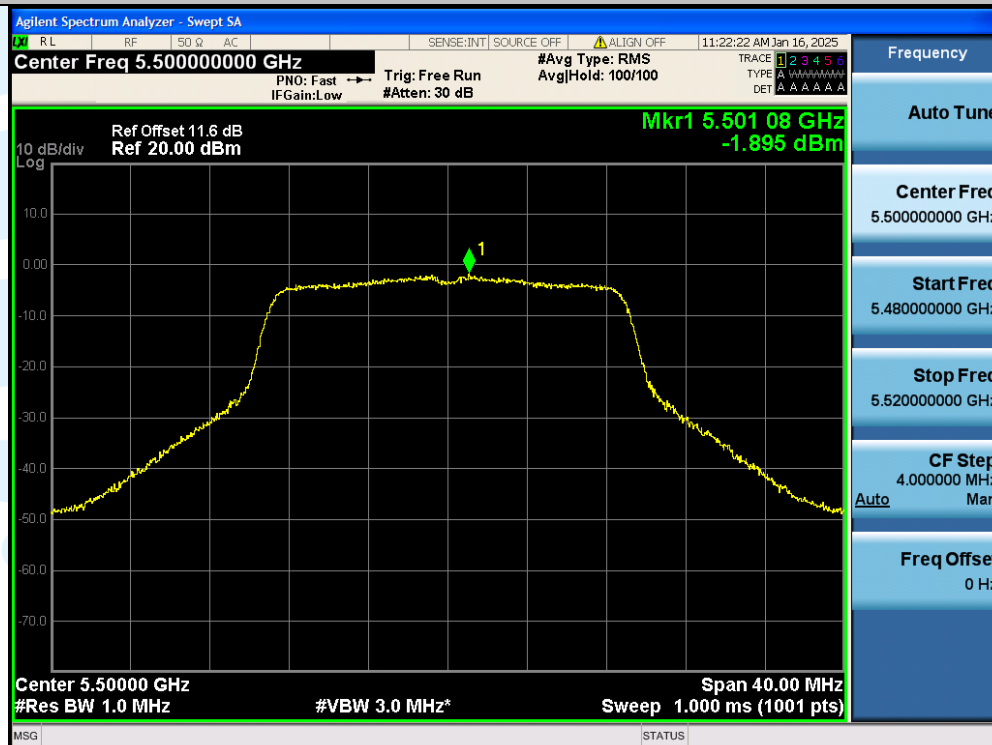
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11AC20SISO-Ant1-5500-PASS

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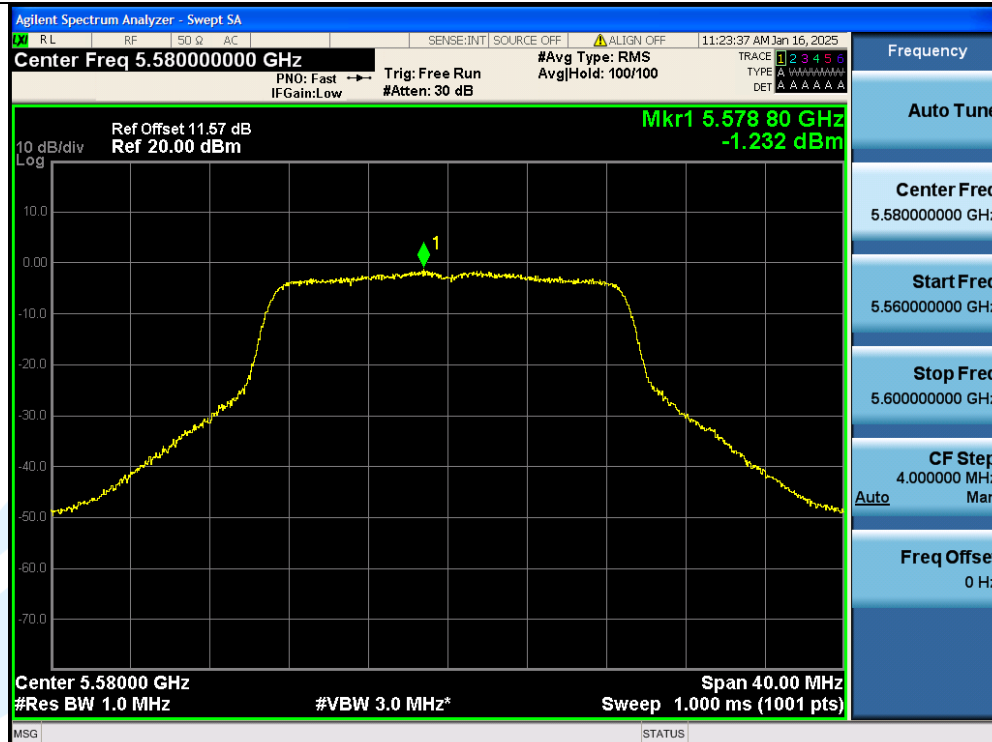
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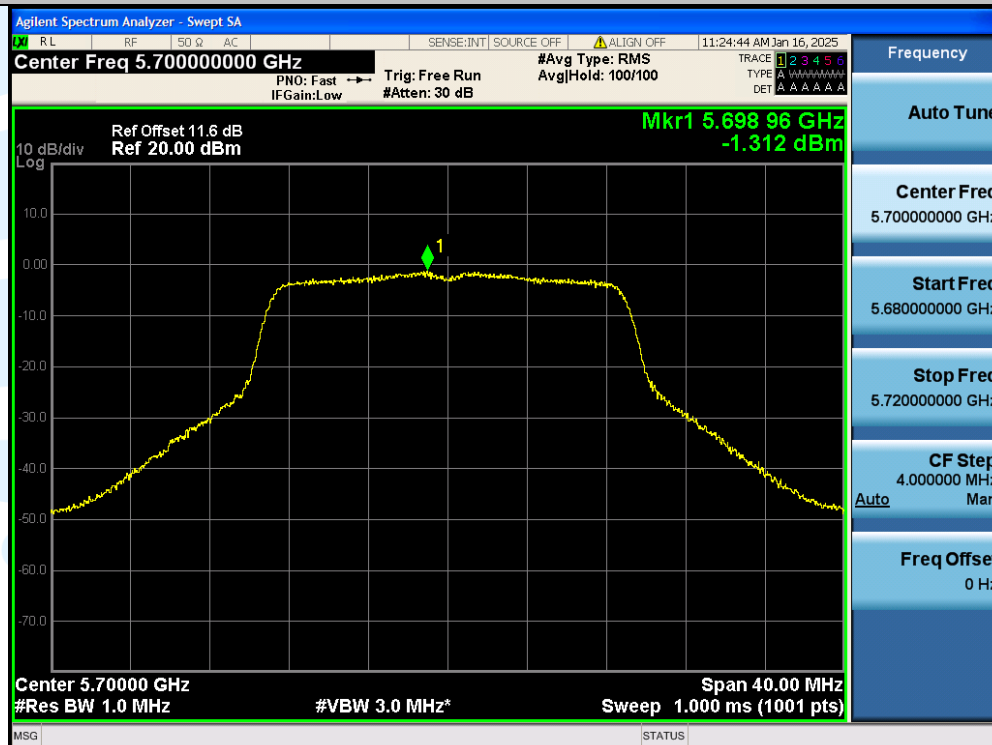
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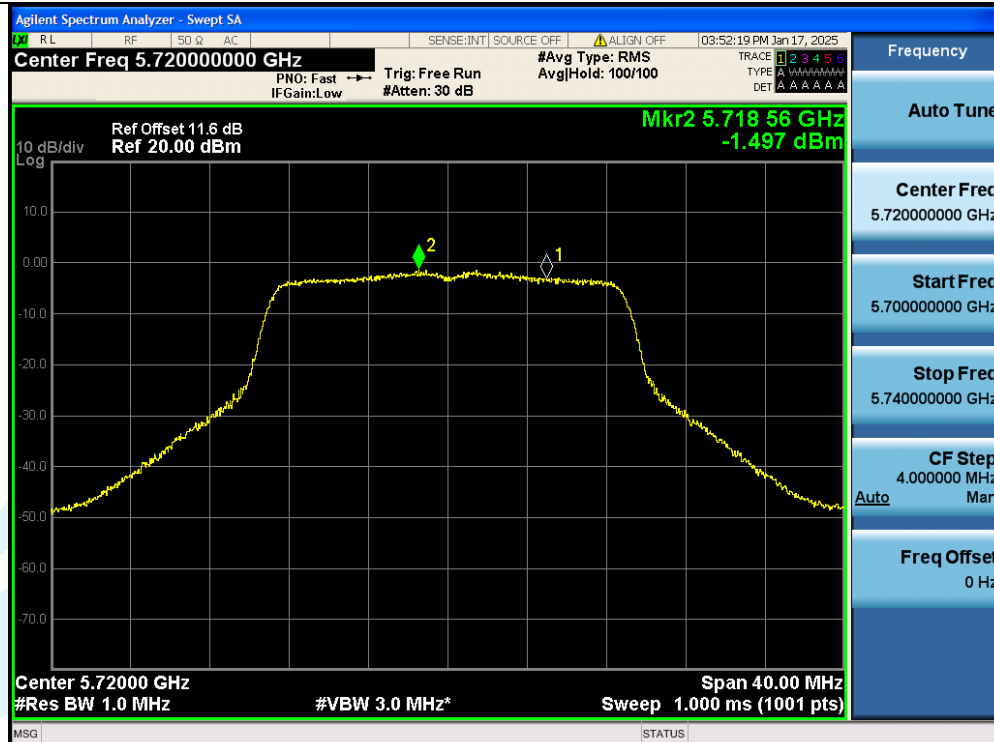
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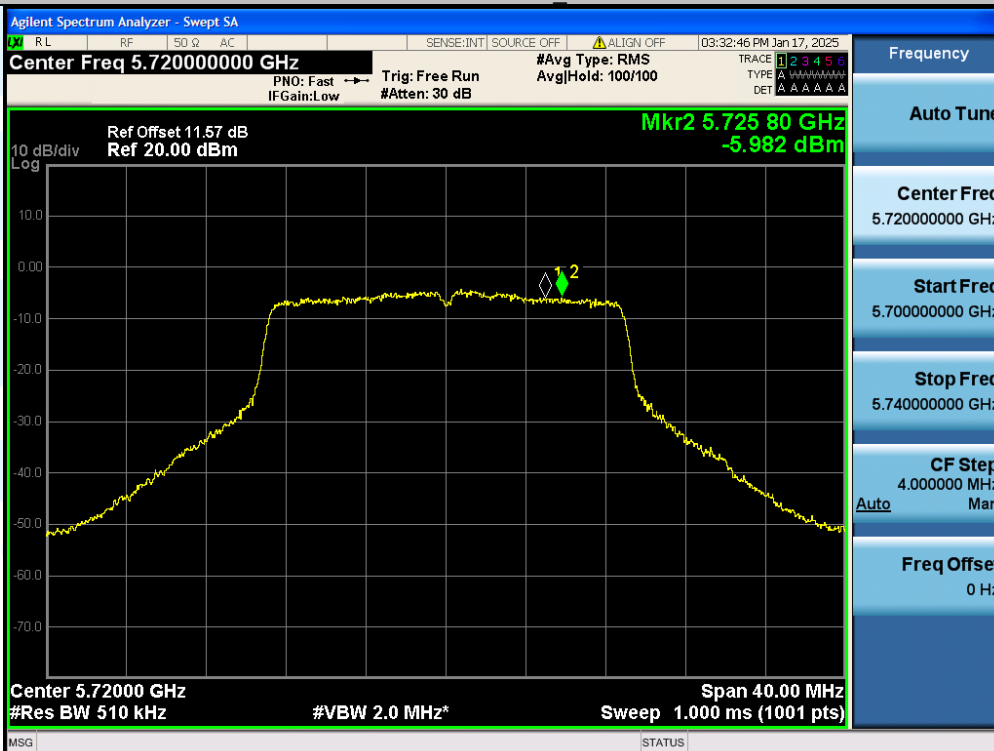
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11AC20SISO-Ant1-5720\_UNII-2C-PASS



11AC20SISO-Ant1-5720\_UNII-3-PASS

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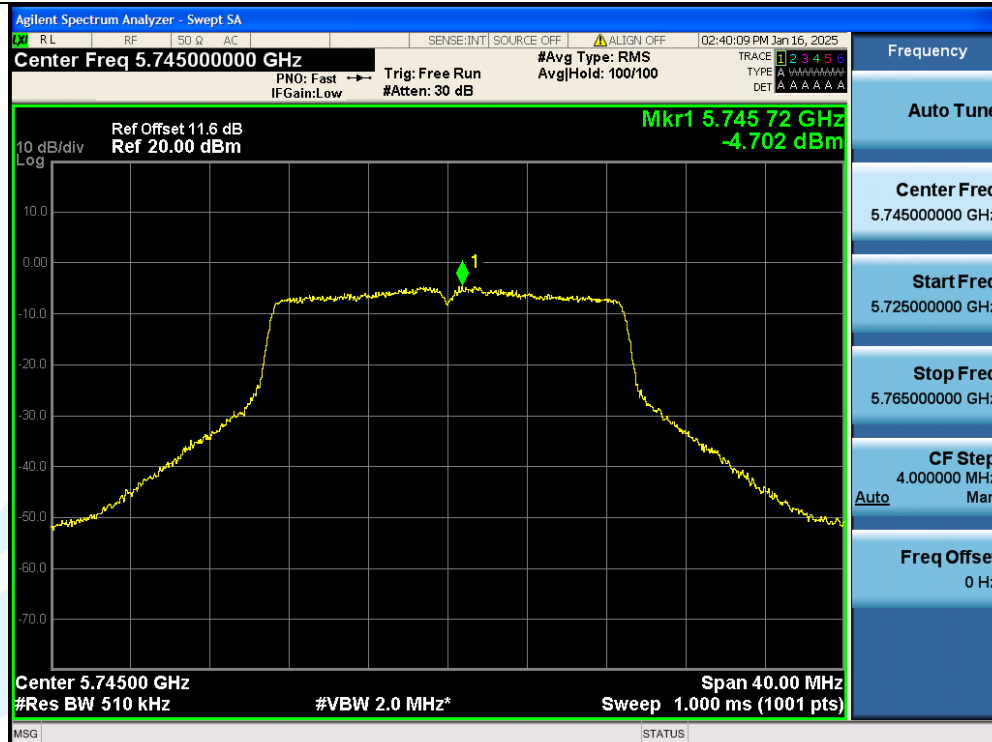
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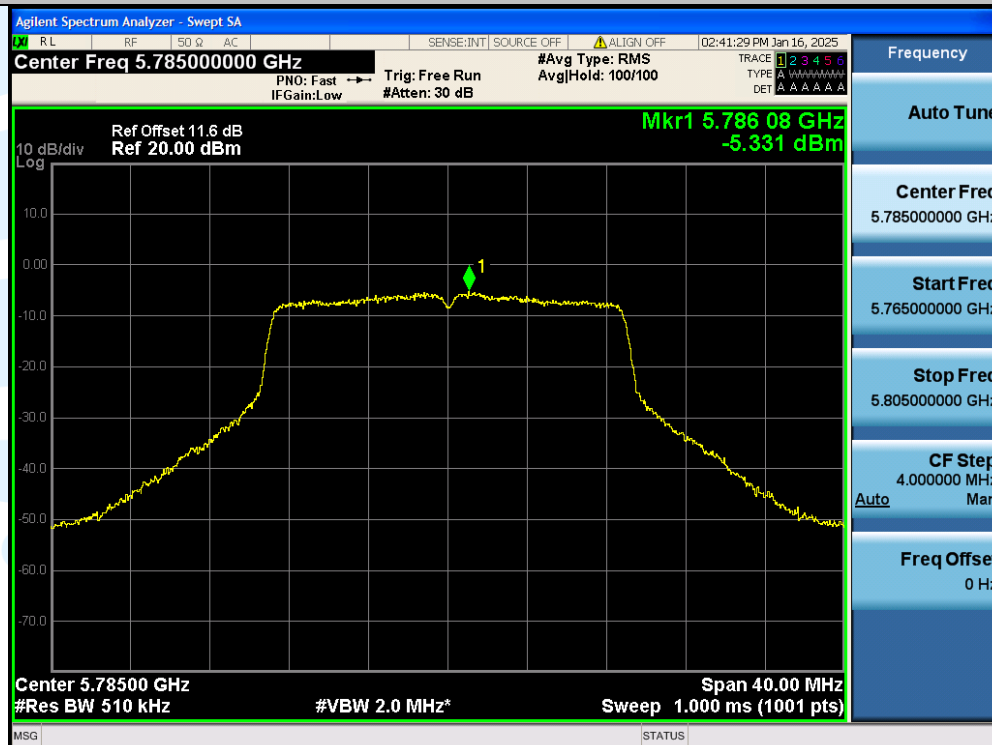
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11AC20SISO-Ant1-5785-PASS

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