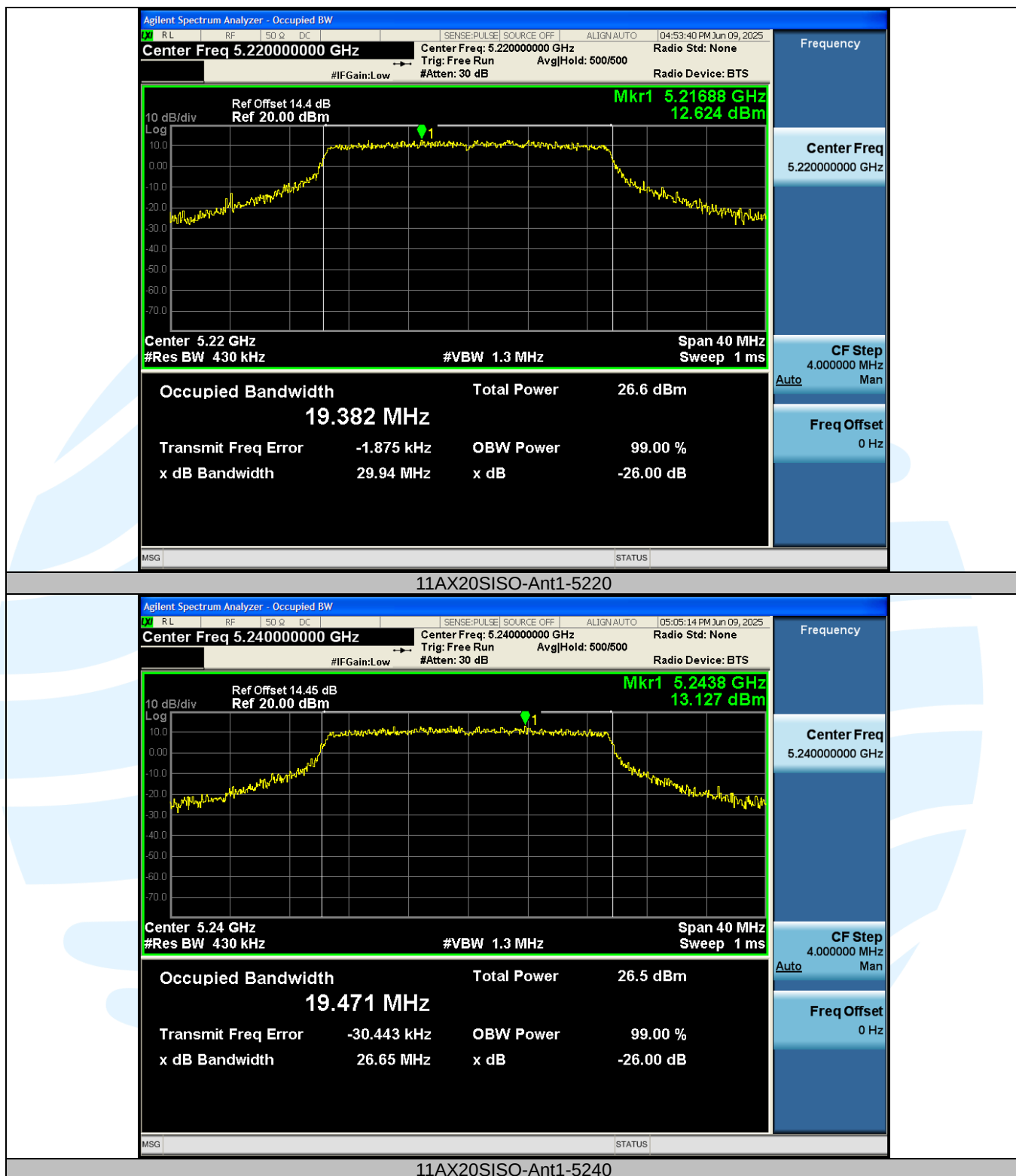
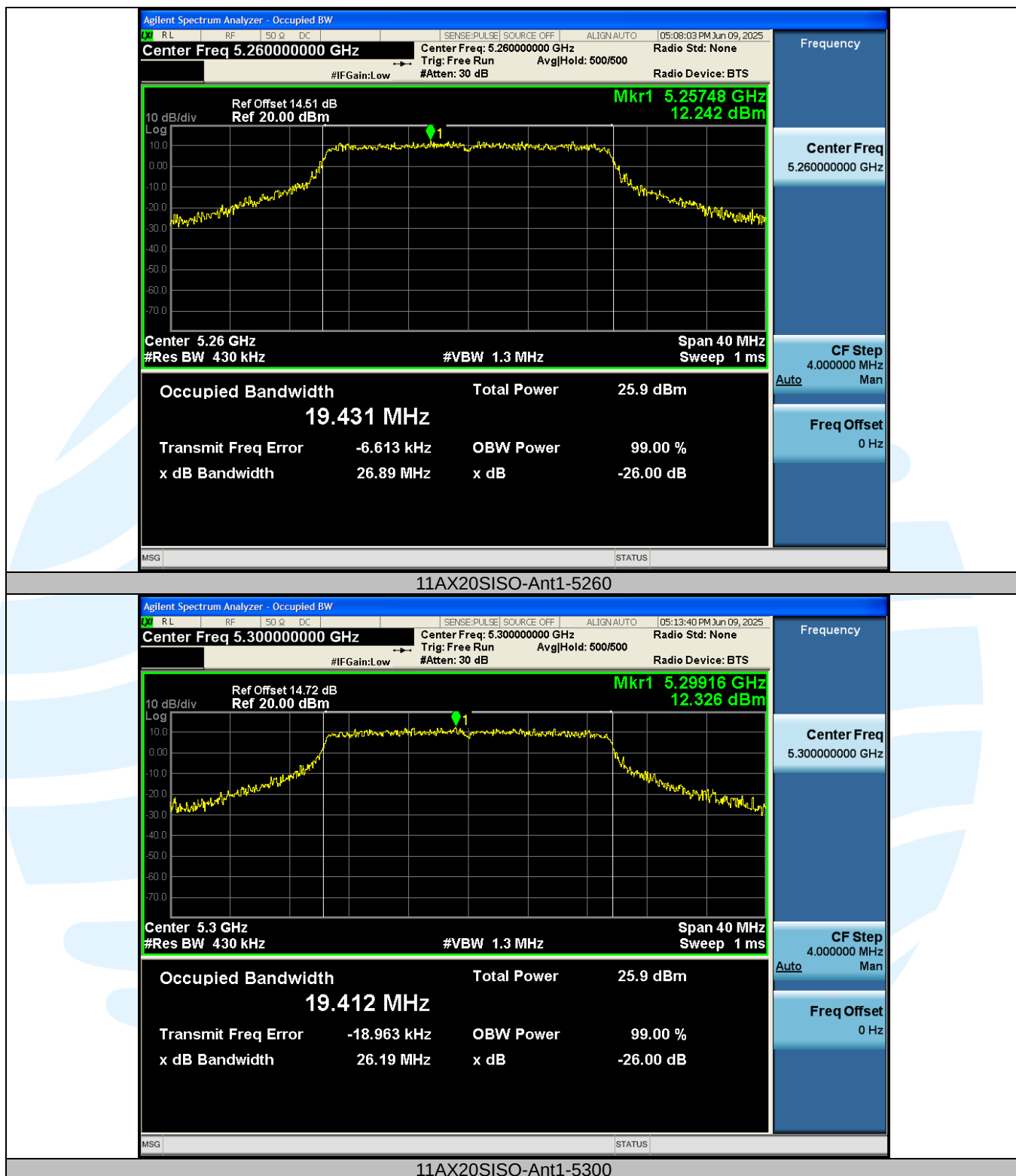
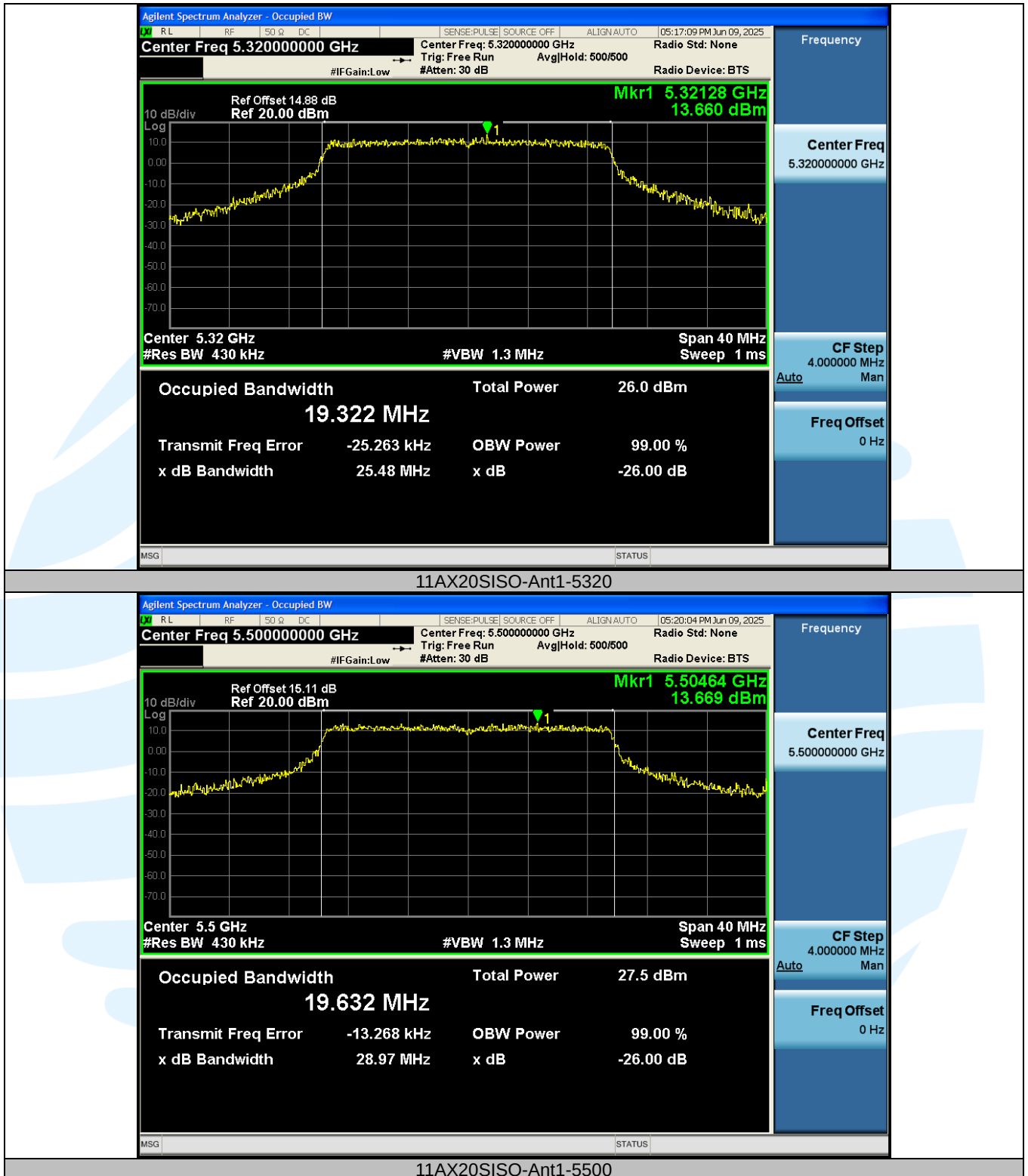
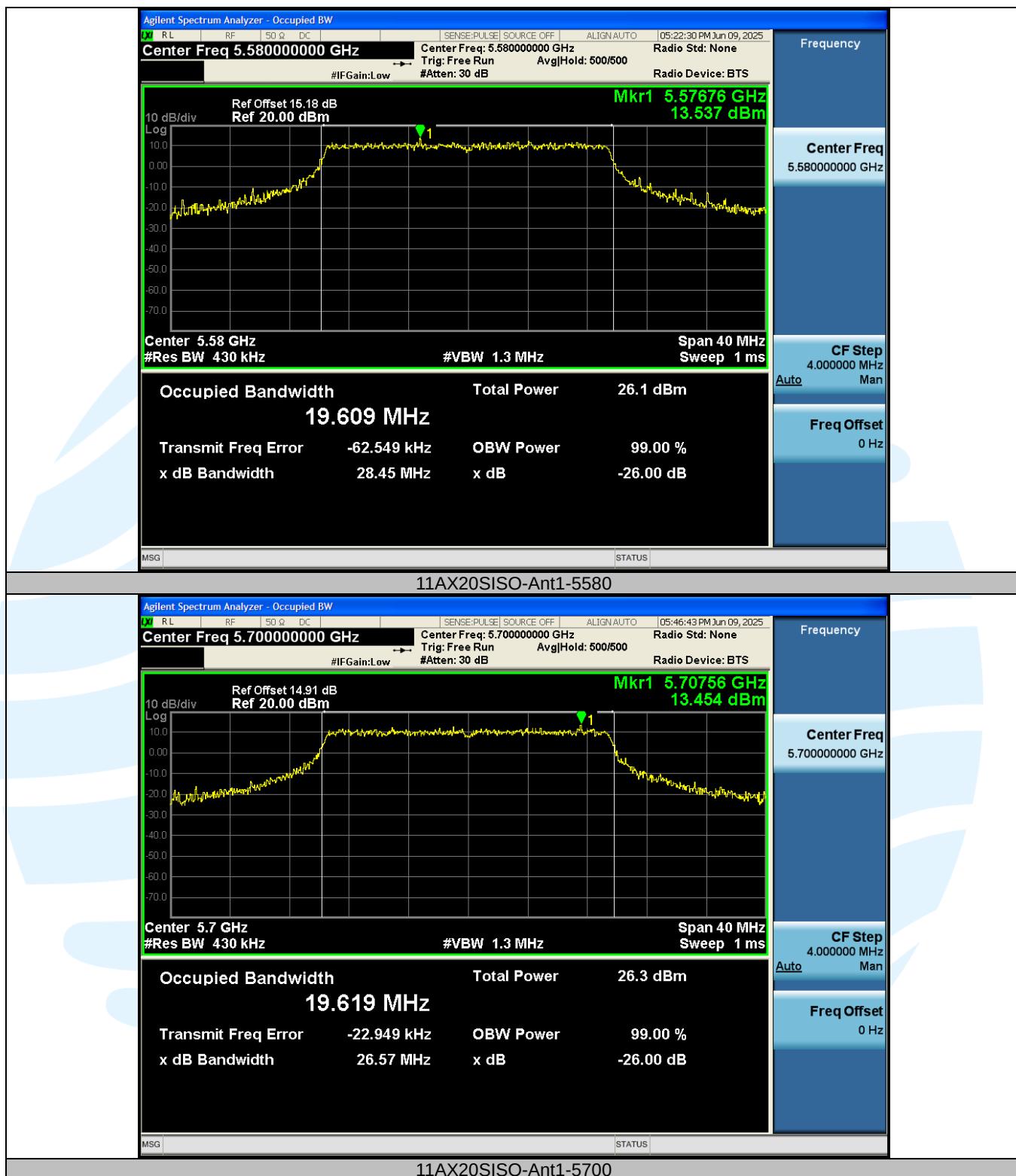
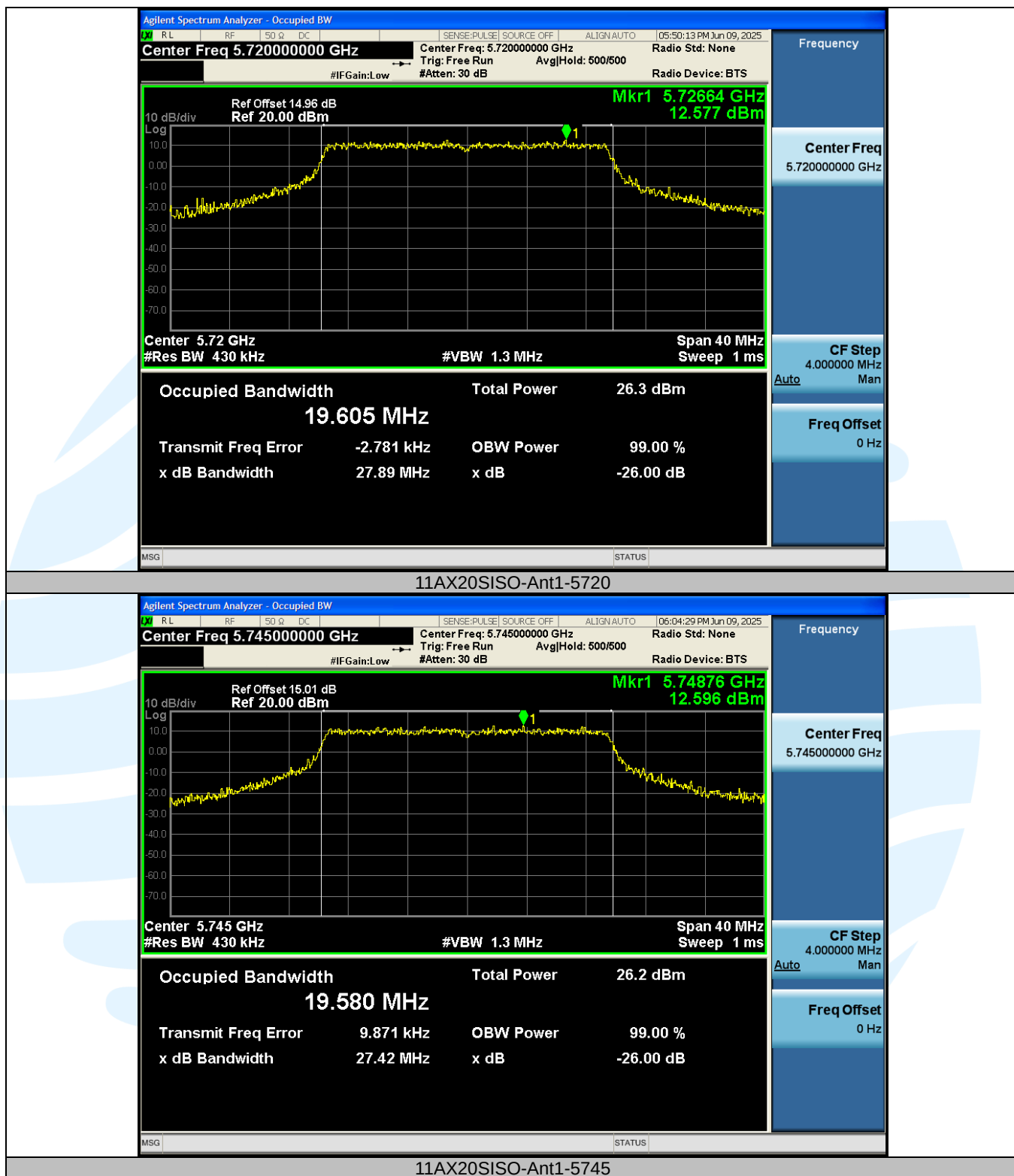


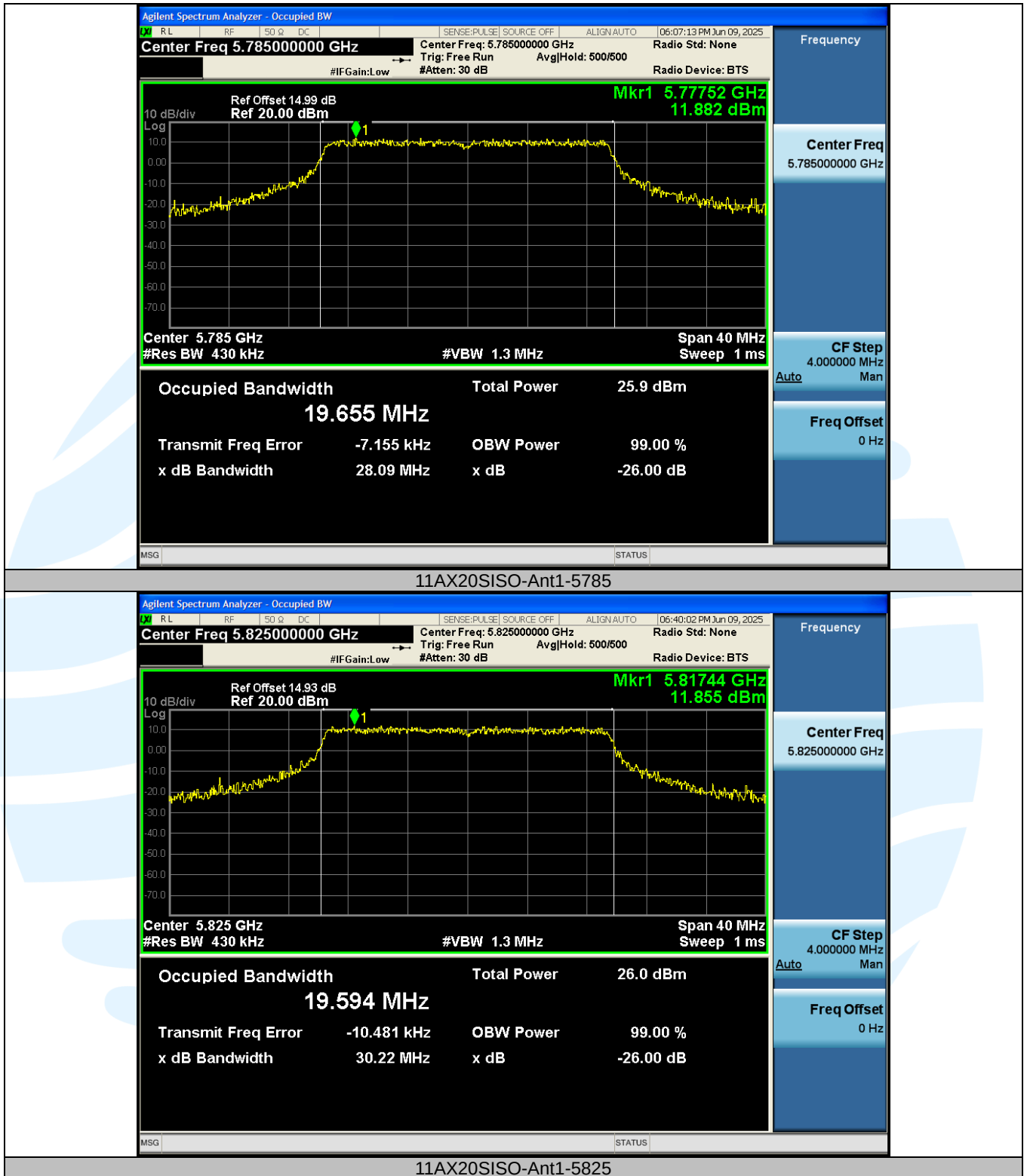












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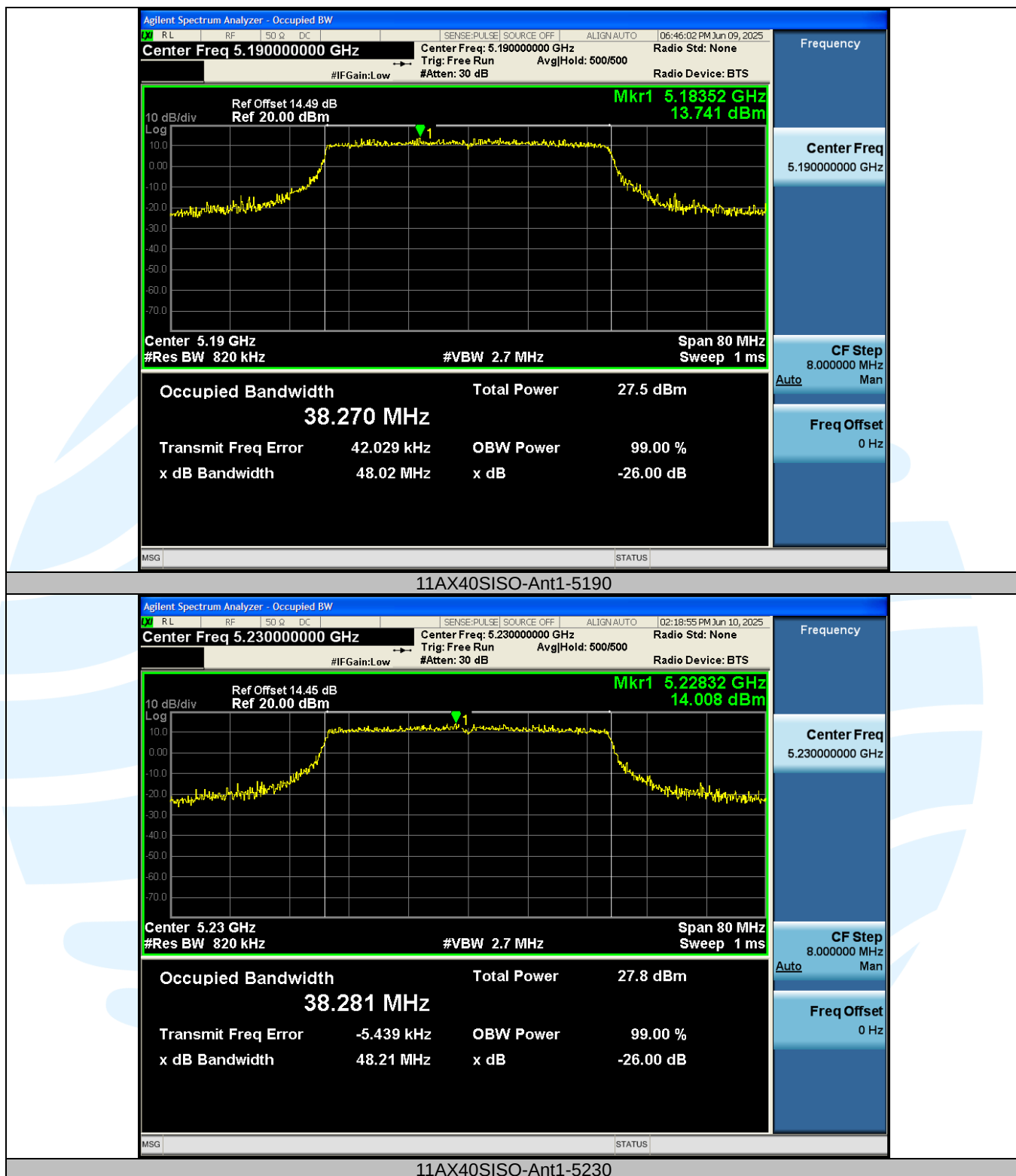
Tel: +86-755-28230888

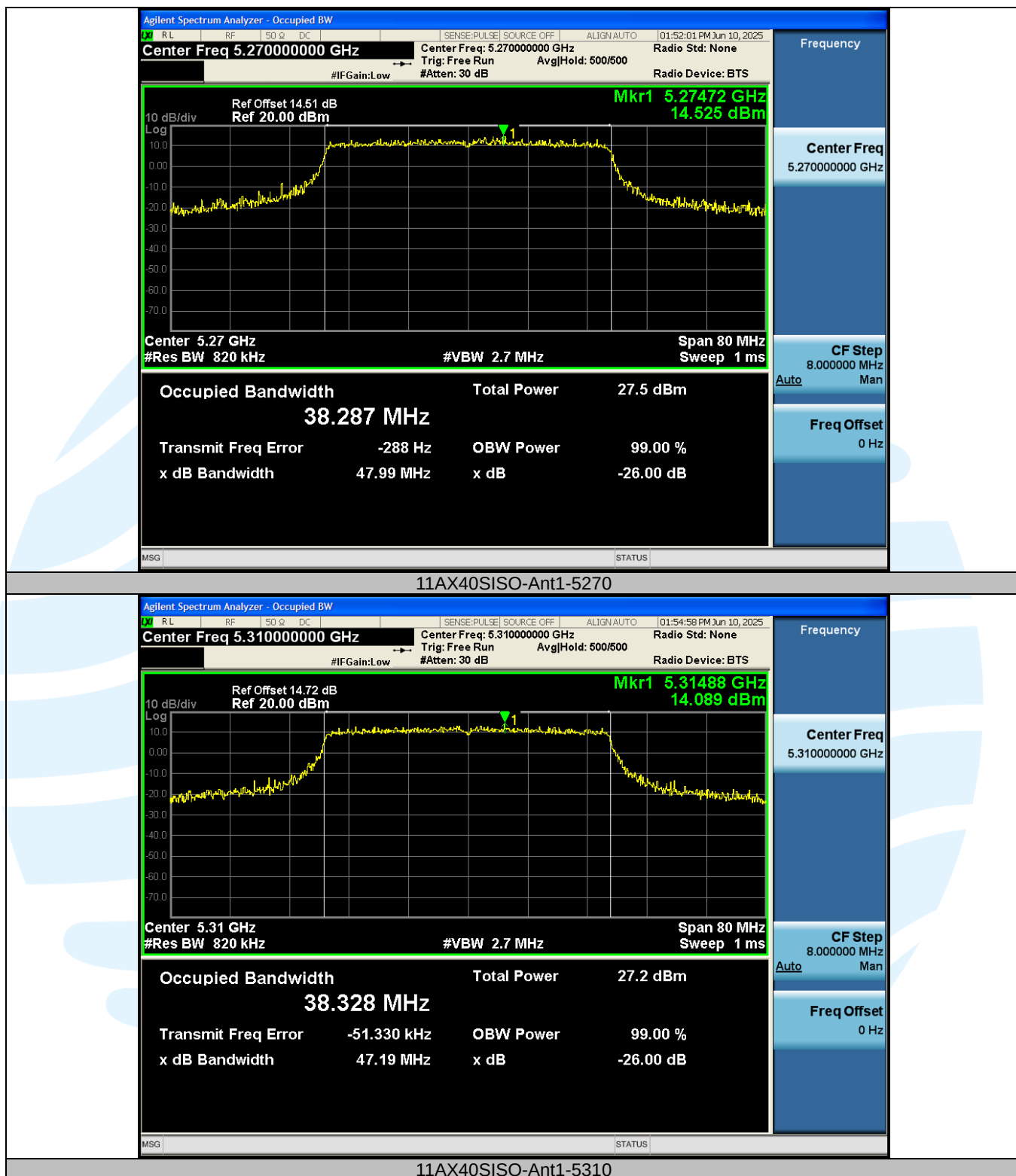
Fax: +86-755-28230886

E-mail: info@uttlab.com

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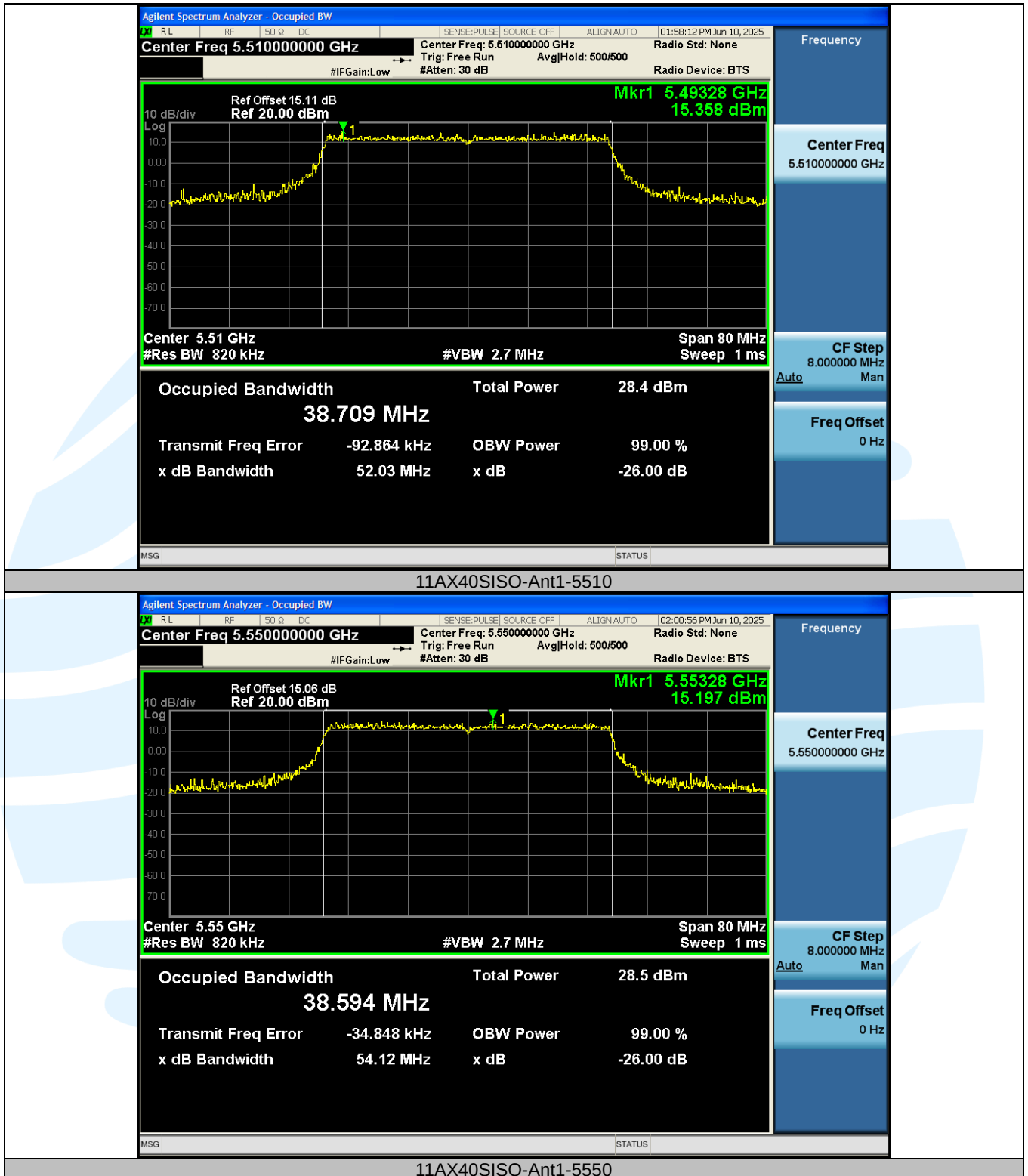
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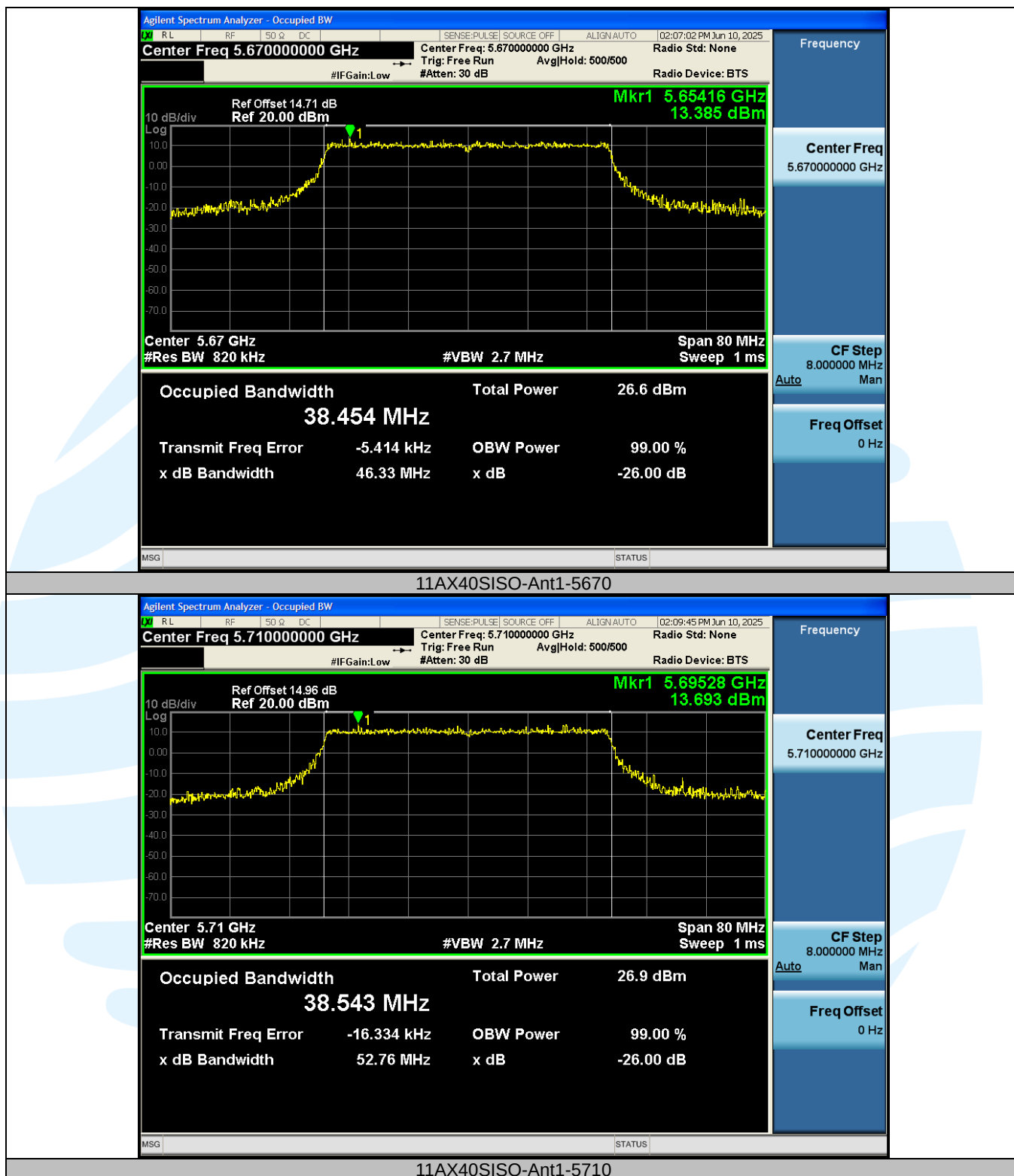
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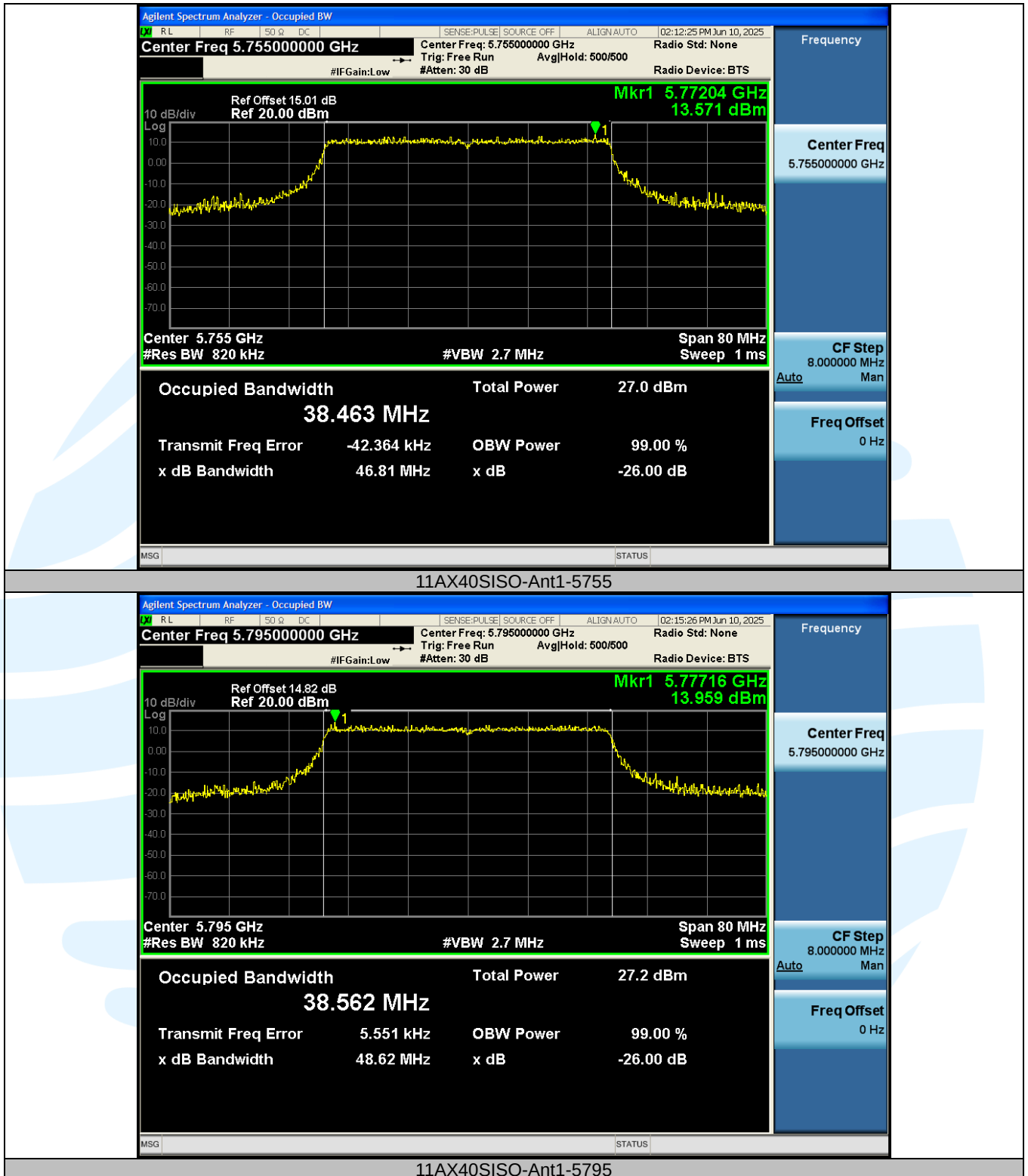
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## A2. 26DB BANDWIDTH

| Test Mode  | Antenna | Frequency [MHz] | 26db EBW [MHz] |
|------------|---------|-----------------|----------------|
| 11A        | Ant1    | 5180            | 26.69          |
| 11A        | Ant1    | 5220            | 24.17          |
| 11A        | Ant1    | 5240            | 24.84          |
| 11A        | Ant1    | 5260            | 25.47          |
| 11A        | Ant1    | 5300            | 23.85          |
| 11A        | Ant1    | 5320            | 23.36          |
| 11A        | Ant1    | 5500            | 24.72          |
| 11A        | Ant1    | 5580            | 26.68          |
| 11A        | Ant1    | 5700            | 25.18          |
| 11A        | Ant1    | 5720            | 24.31          |
| 11A        | Ant1    | 5745            | 24.91          |
| 11A        | Ant1    | 5785            | 24.50          |
| 11A        | Ant1    | 5825            | 24.51          |
| 11N20SISO  | Ant1    | 5180            | 37.47          |
| 11N20SISO  | Ant1    | 5220            | 26.37          |
| 11N20SISO  | Ant1    | 5240            | 25.88          |
| 11N20SISO  | Ant1    | 5260            | 27.54          |
| 11N20SISO  | Ant1    | 5300            | 24.13          |
| 11N20SISO  | Ant1    | 5320            | 24.88          |
| 11N20SISO  | Ant1    | 5500            | 25.90          |
| 11N20SISO  | Ant1    | 5580            | 26.19          |
| 11N20SISO  | Ant1    | 5700            | 25.72          |
| 11N20SISO  | Ant1    | 5720            | 25.12          |
| 11N20SISO  | Ant1    | 5745            | 26.37          |
| 11N20SISO  | Ant1    | 5785            | 25.98          |
| 11N20SISO  | Ant1    | 5825            | 26.92          |
| 11N40SISO  | Ant1    | 5190            | 45.34          |
| 11N40SISO  | Ant1    | 5230            | 45.62          |
| 11N40SISO  | Ant1    | 5270            | 45.09          |
| 11N40SISO  | Ant1    | 5310            | 45.33          |
| 11N40SISO  | Ant1    | 5510            | 47.08          |
| 11N40SISO  | Ant1    | 5550            | 46.06          |
| 11N40SISO  | Ant1    | 5670            | 45.94          |
| 11N40SISO  | Ant1    | 5710            | 46.32          |
| 11N40SISO  | Ant1    | 5755            | 46.04          |
| 11N40SISO  | Ant1    | 5795            | 47.34          |
| 11AC20SISO | Ant1    | 5180            | 26.37          |
| 11AC20SISO | Ant1    | 5220            | 24.35          |
| 11AC20SISO | Ant1    | 5240            | 24.82          |
| 11AC20SISO | Ant1    | 5260            | 27.58          |
| 11AC20SISO | Ant1    | 5300            | 25.13          |
| 11AC20SISO | Ant1    | 5320            | 24.74          |
| 11AC20SISO | Ant1    | 5500            | 28.44          |
| 11AC20SISO | Ant1    | 5580            | 27.03          |
| 11AC20SISO | Ant1    | 5700            | 25.06          |
| 11AC20SISO | Ant1    | 5720            | 25.48          |
| 11AC20SISO | Ant1    | 5745            | 26.67          |
| 11AC20SISO | Ant1    | 5785            | 26.43          |
| 11AC20SISO | Ant1    | 5825            | 25.96          |
| 11AC40SISO | Ant1    | 5190            | 45.86          |
| 11AC40SISO | Ant1    | 5230            | 45.30          |
| 11AC40SISO | Ant1    | 5270            | 43.99          |
| 11AC40SISO | Ant1    | 5310            | 45.30          |
| 11AC40SISO | Ant1    | 5510            | 47.87          |
| 11AC40SISO | Ant1    | 5550            | 46.30          |
| 11AC40SISO | Ant1    | 5670            | 46.19          |
| 11AC40SISO | Ant1    | 5710            | 45.97          |
| 11AC40SISO | Ant1    | 5755            | 47.45          |
| 11AC40SISO | Ant1    | 5795            | 47.90          |
| 11AX20SISO | Ant1    | 5180            | 23.88          |

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Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

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|            |      |      |       |
|------------|------|------|-------|
| 11AX20SISO | Ant1 | 5220 | 25.95 |
| 11AX20SISO | Ant1 | 5240 | 22.98 |
| 11AX20SISO | Ant1 | 5260 | 26.21 |
| 11AX20SISO | Ant1 | 5300 | 25.12 |
| 11AX20SISO | Ant1 | 5320 | 24.41 |
| 11AX20SISO | Ant1 | 5500 | 33.74 |
| 11AX20SISO | Ant1 | 5580 | 25.43 |
| 11AX20SISO | Ant1 | 5700 | 25.23 |
| 11AX20SISO | Ant1 | 5720 | 23.88 |
| 11AX20SISO | Ant1 | 5745 | 25.40 |
| 11AX20SISO | Ant1 | 5785 | 25.88 |
| 11AX20SISO | Ant1 | 5825 | 26.53 |
| 11AX40SISO | Ant1 | 5190 | 44.98 |
| 11AX40SISO | Ant1 | 5230 | 43.30 |
| 11AX40SISO | Ant1 | 5270 | 44.45 |
| 11AX40SISO | Ant1 | 5310 | 44.67 |
| 11AX40SISO | Ant1 | 5510 | 47.05 |
| 11AX40SISO | Ant1 | 5550 | 45.26 |
| 11AX40SISO | Ant1 | 5670 | 45.73 |
| 11AX40SISO | Ant1 | 5710 | 45.36 |
| 11AX40SISO | Ant1 | 5755 | 45.64 |
| 11AX40SISO | Ant1 | 5795 | 45.62 |

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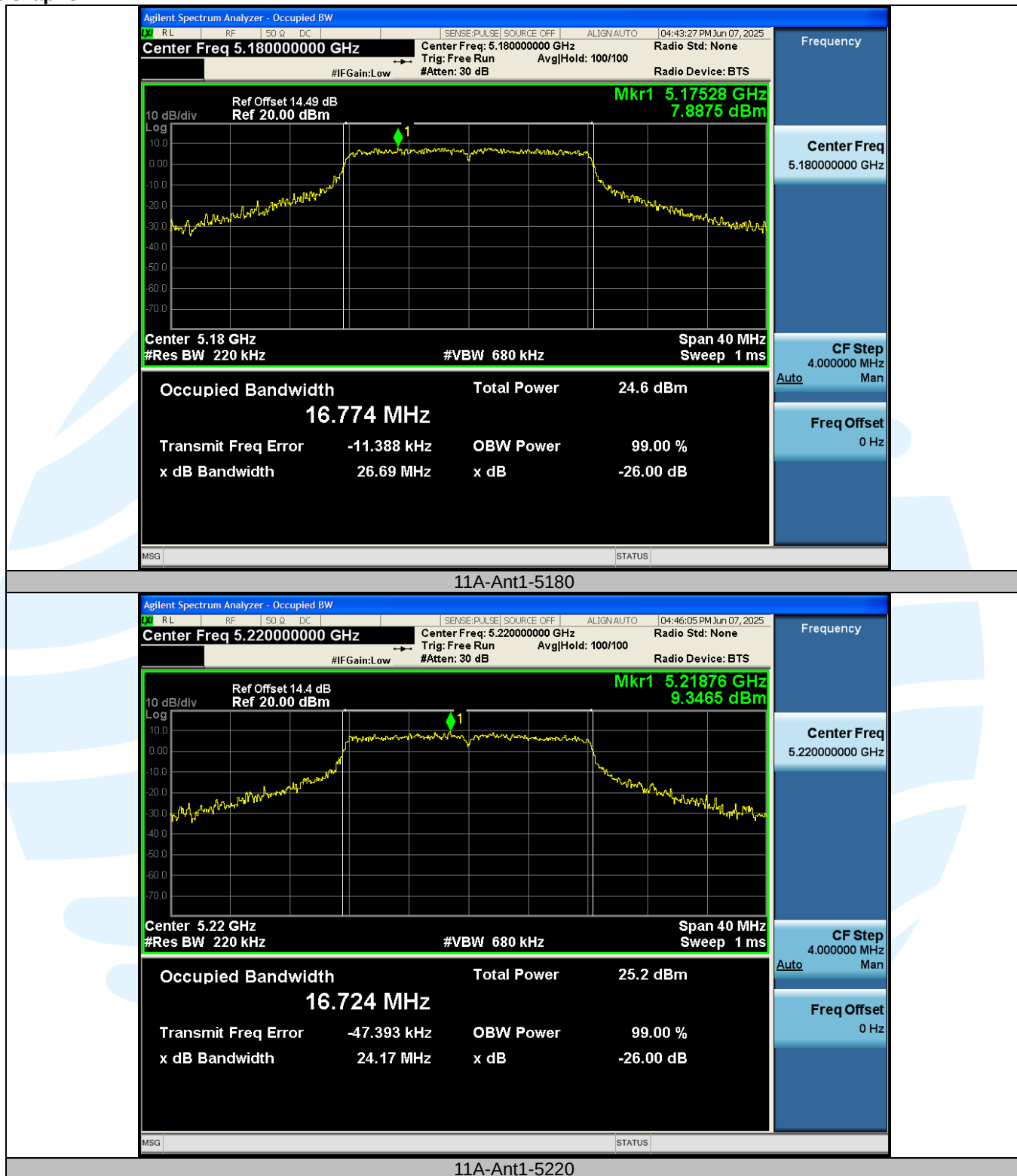
Fax: +86-755-28230886

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## Test Graphs



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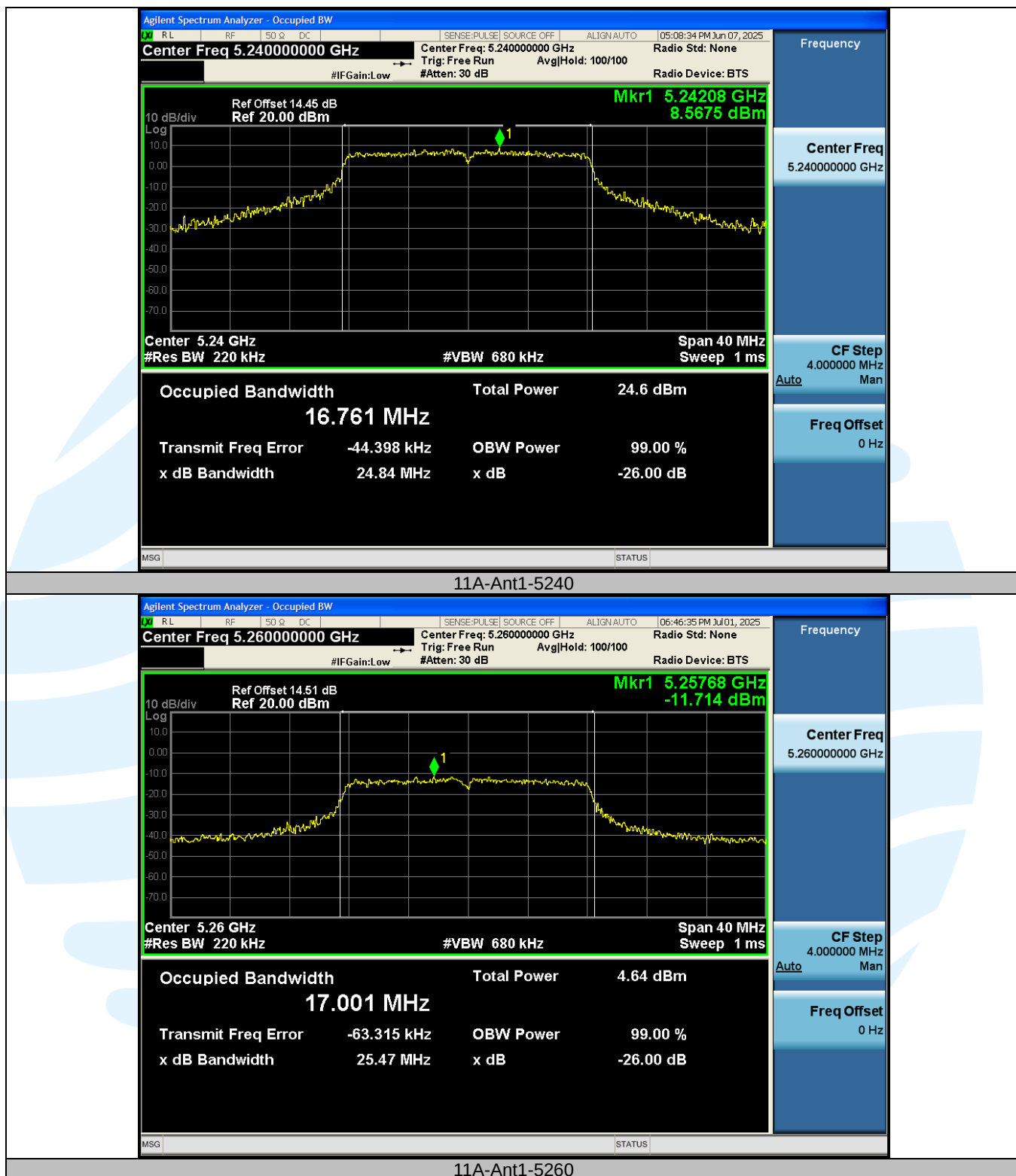
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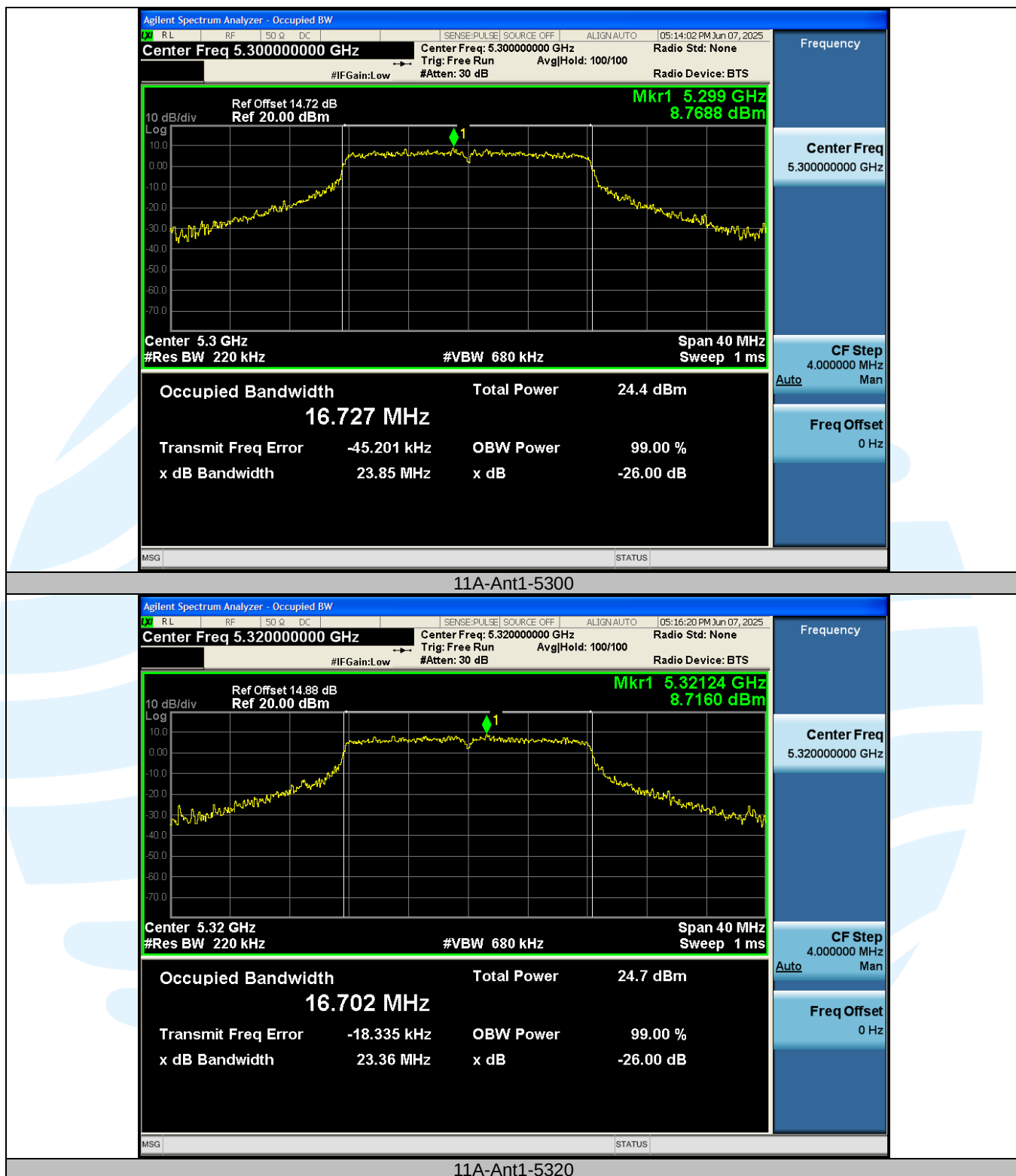
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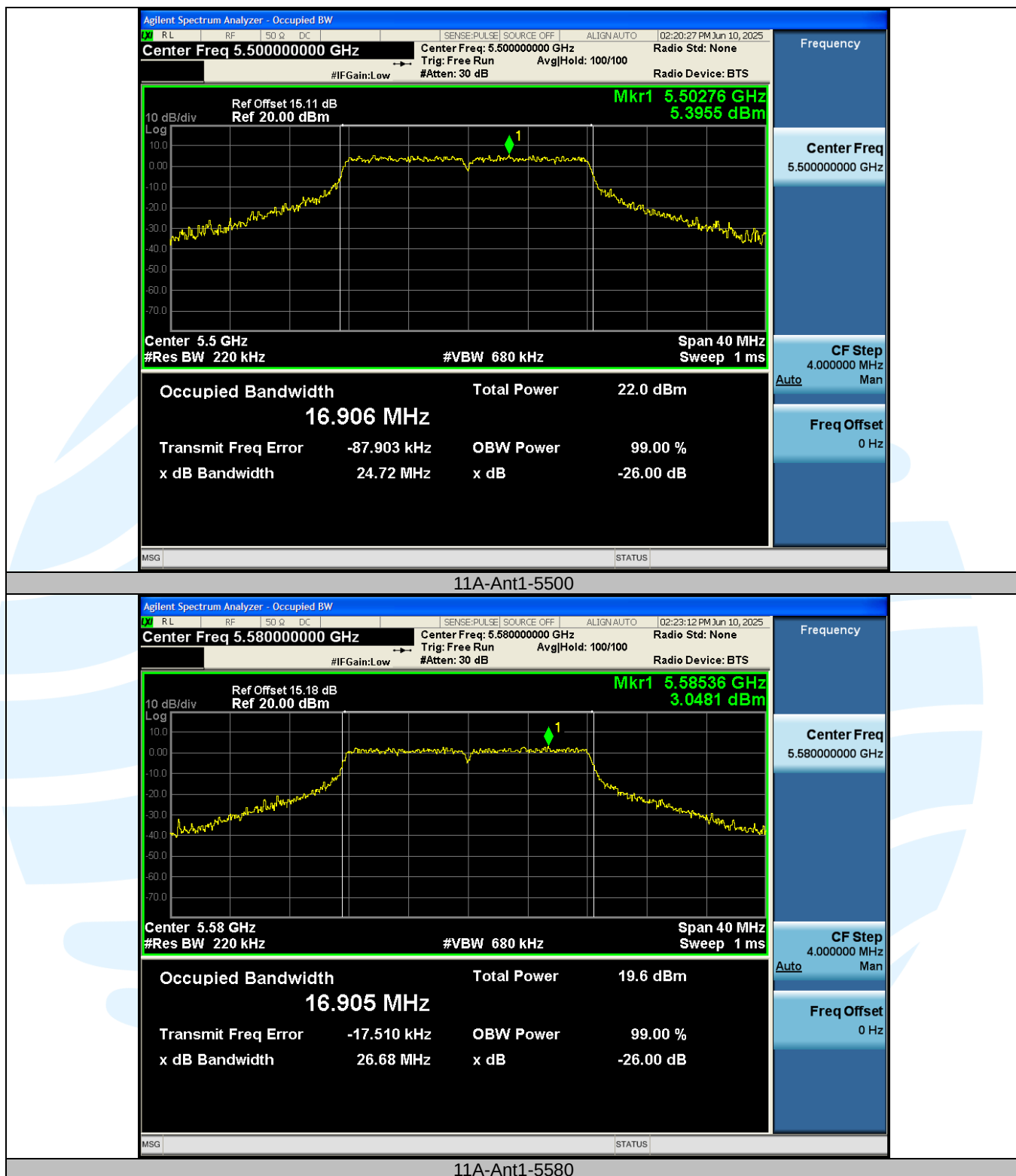
Fax: +86-755-28230886

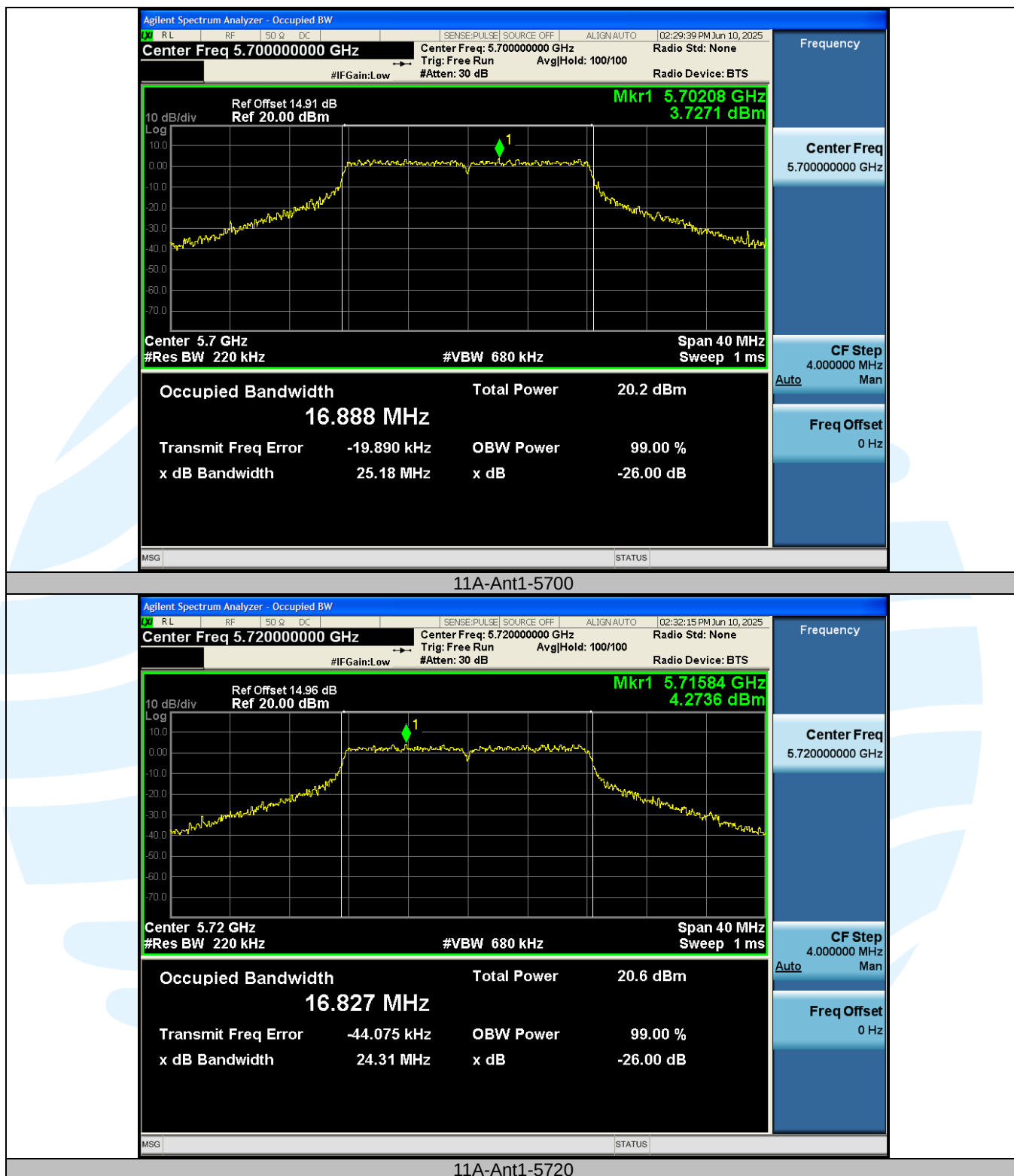
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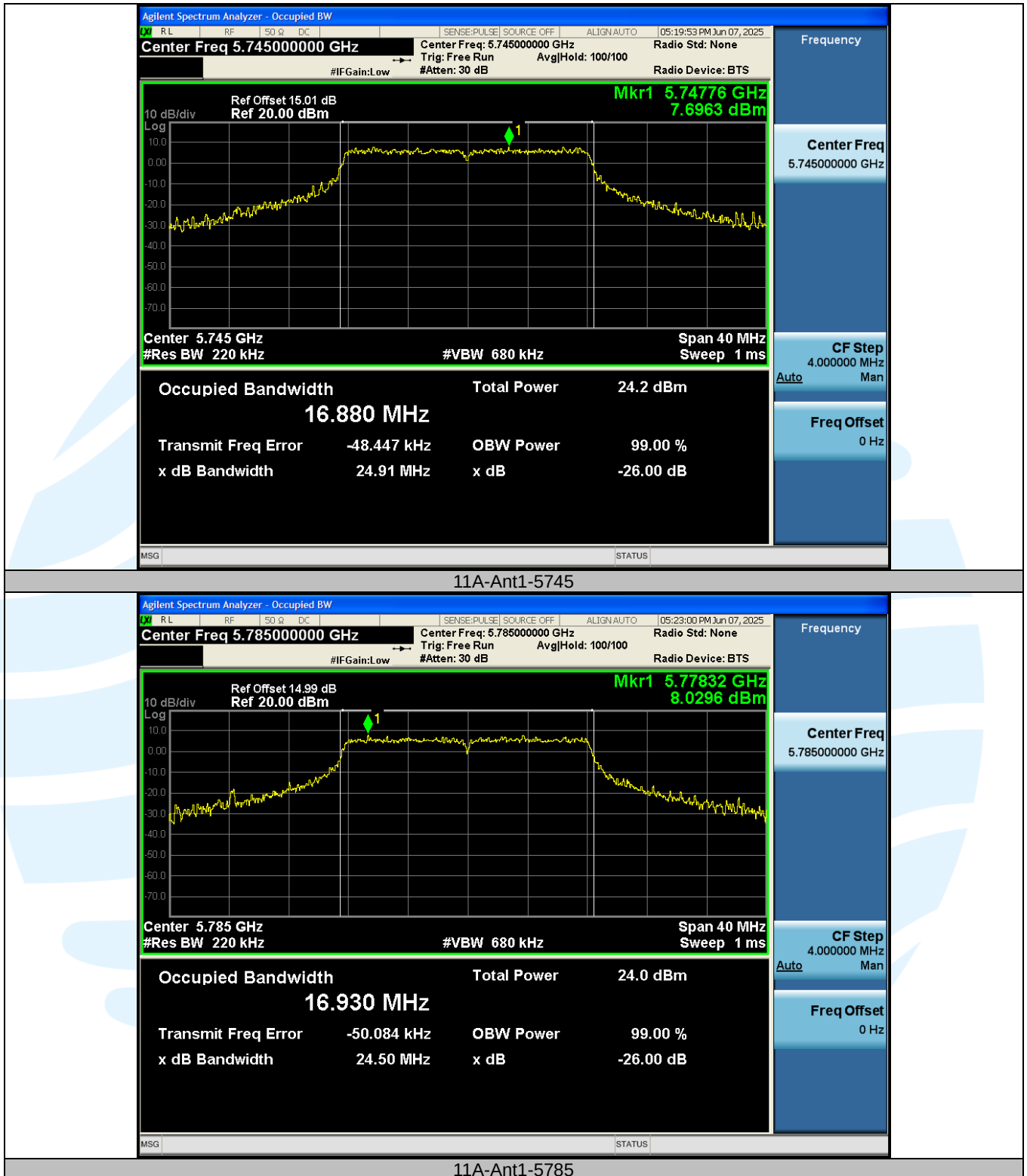
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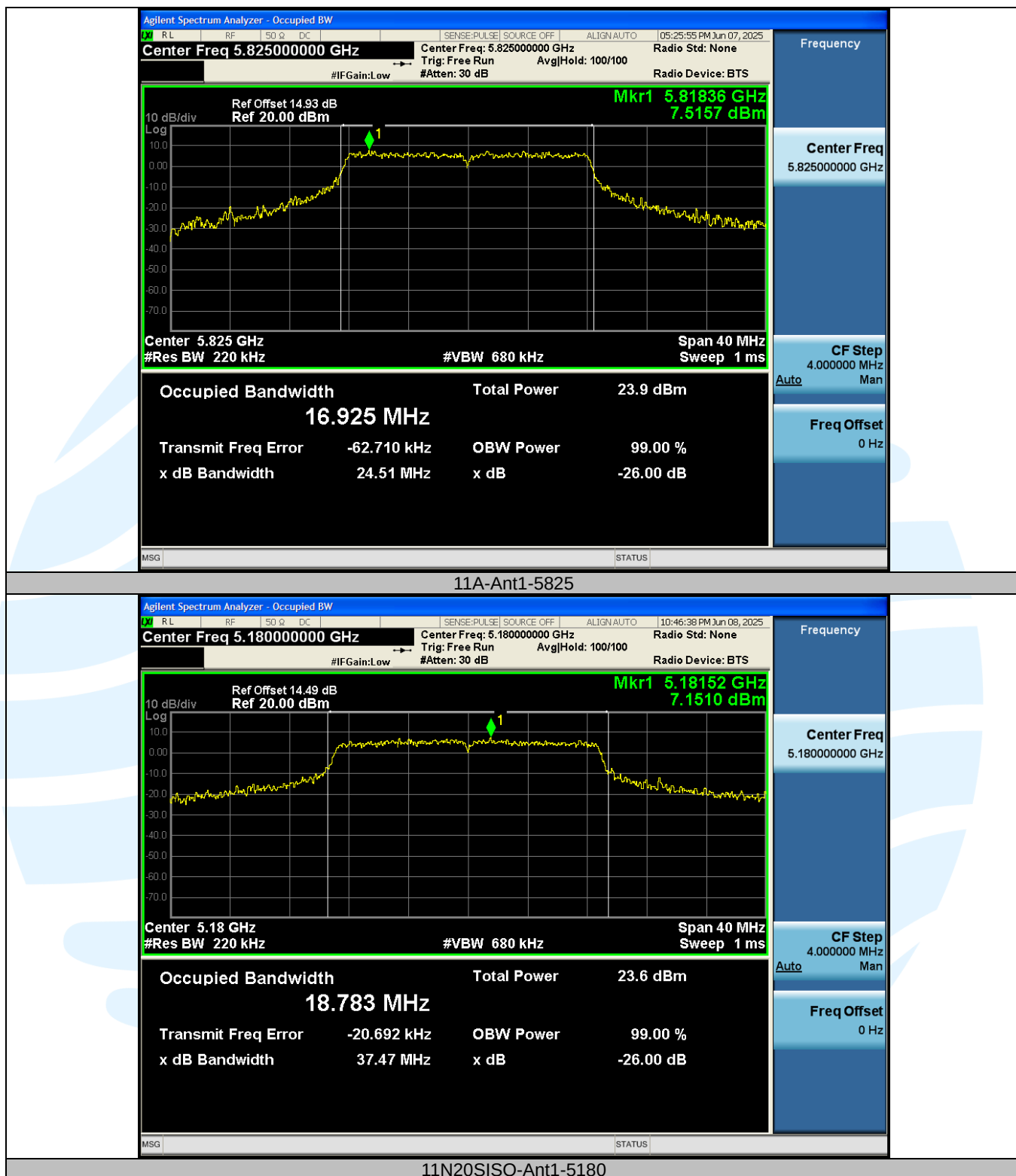
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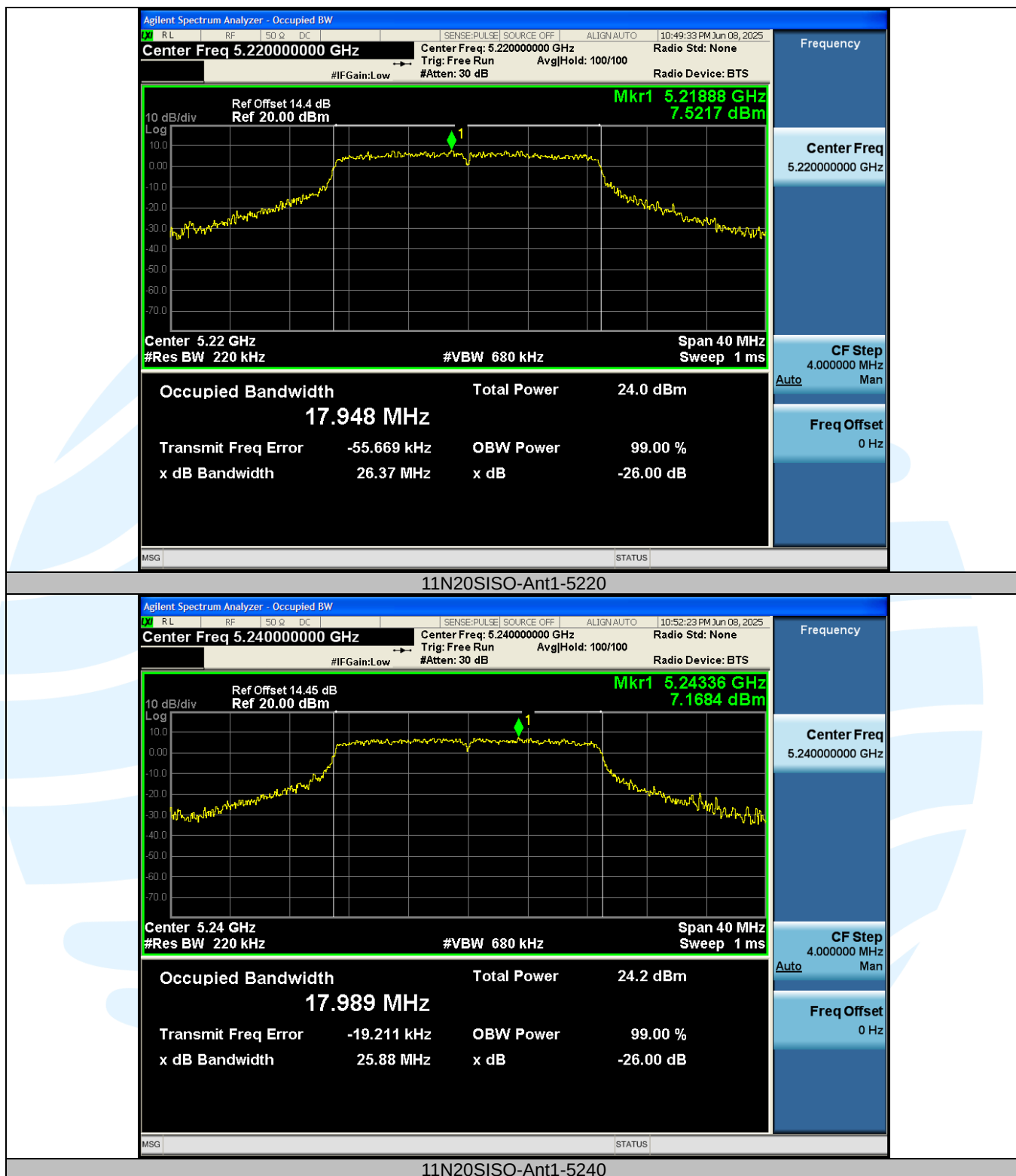
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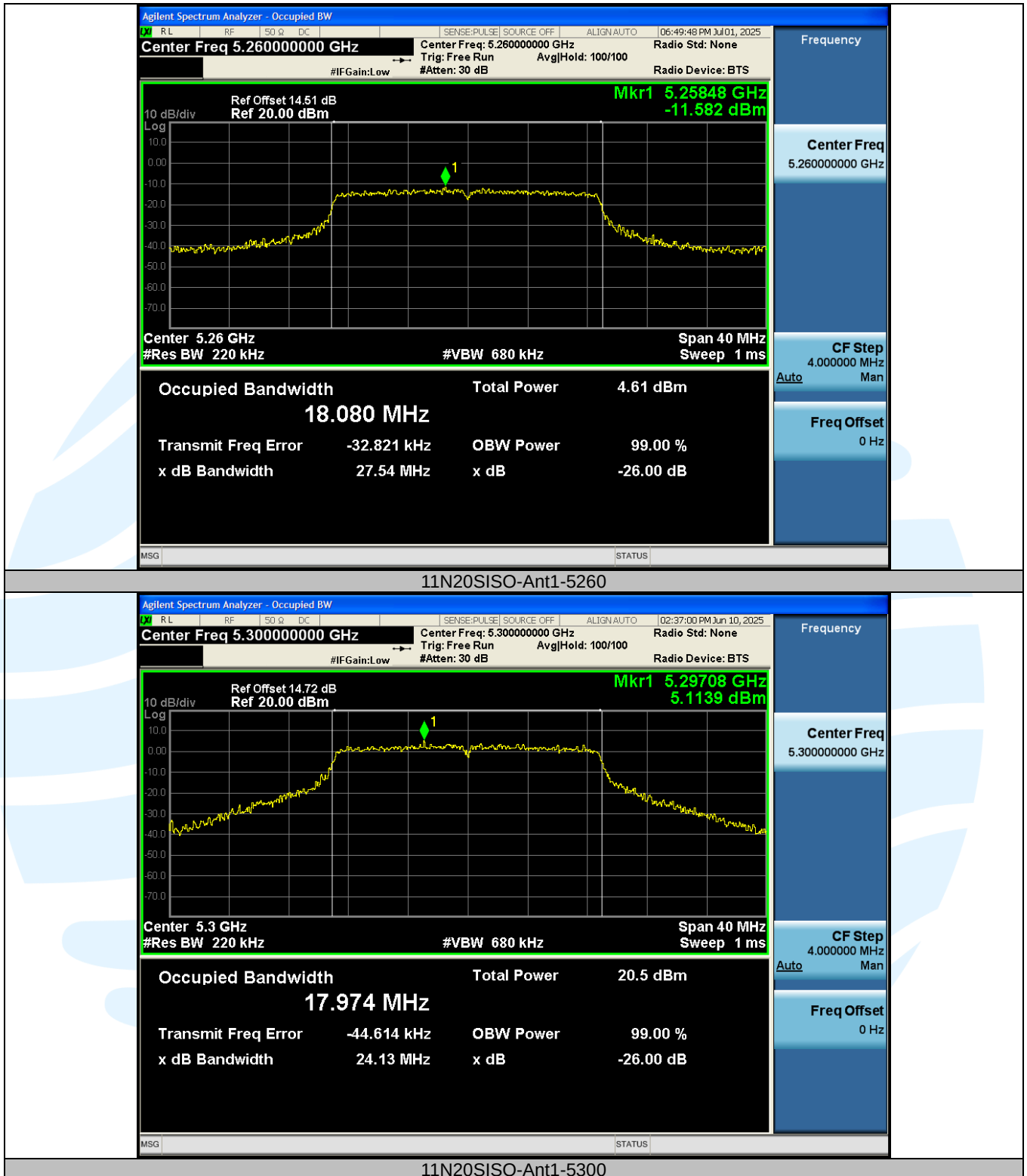
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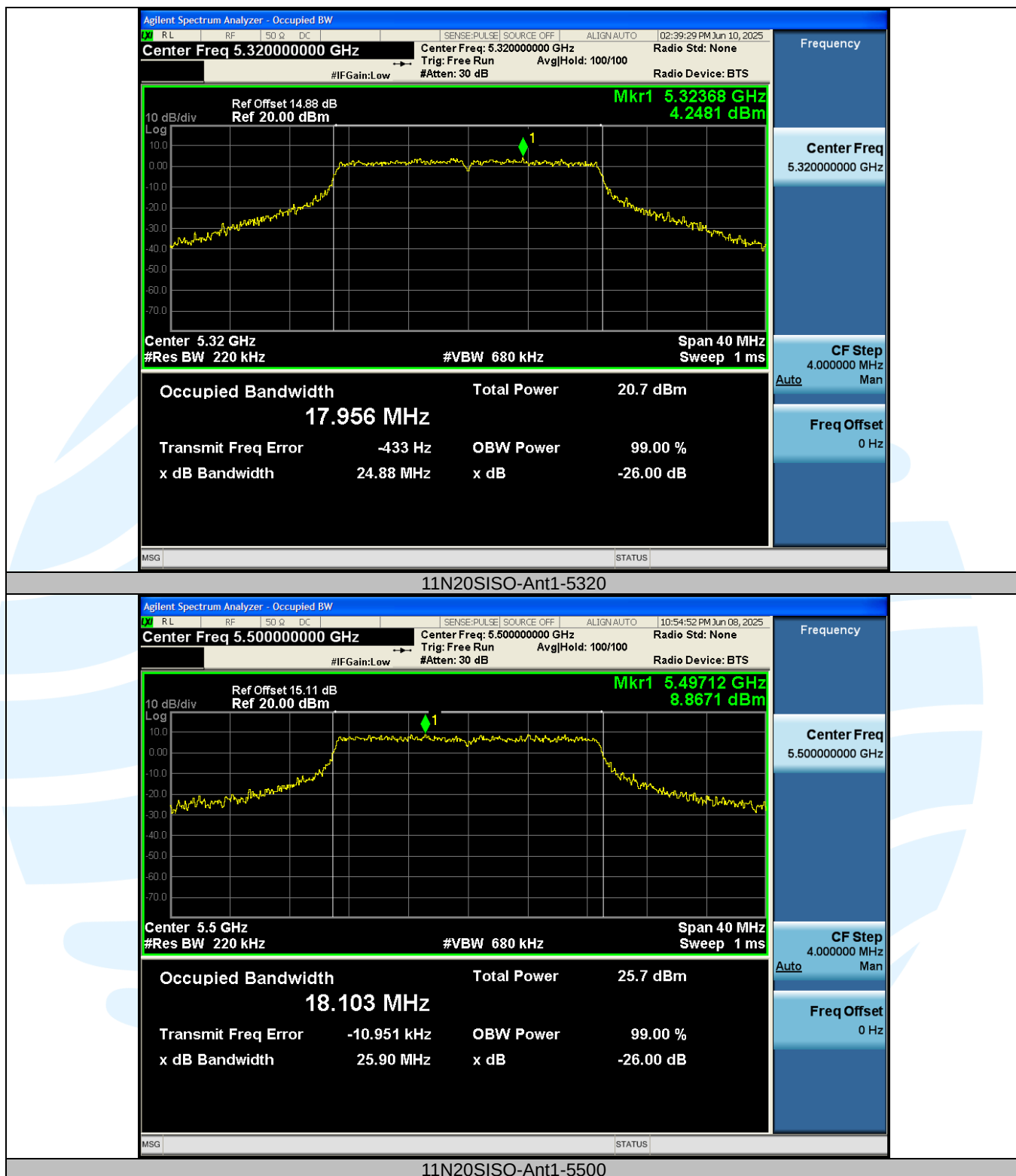
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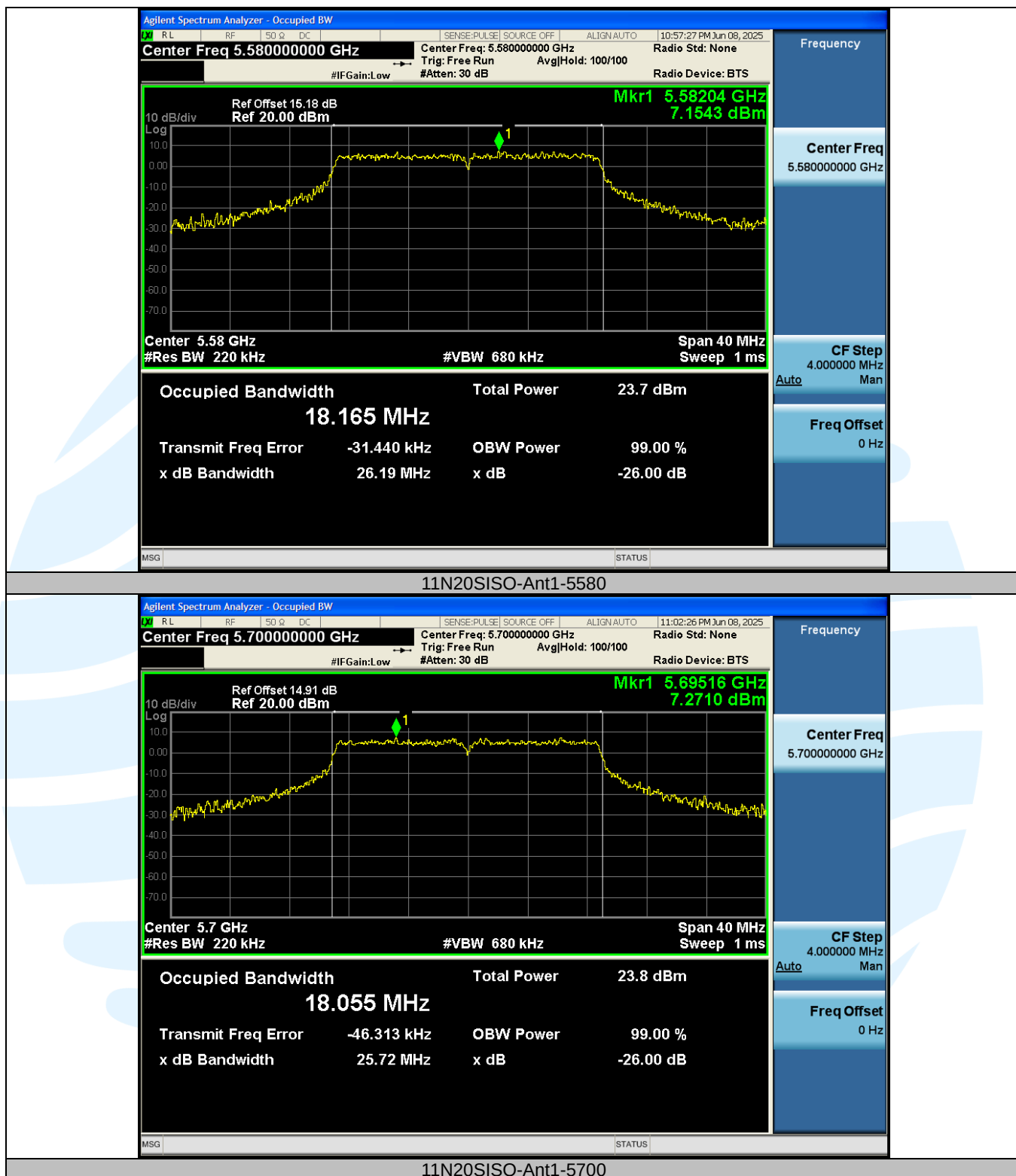
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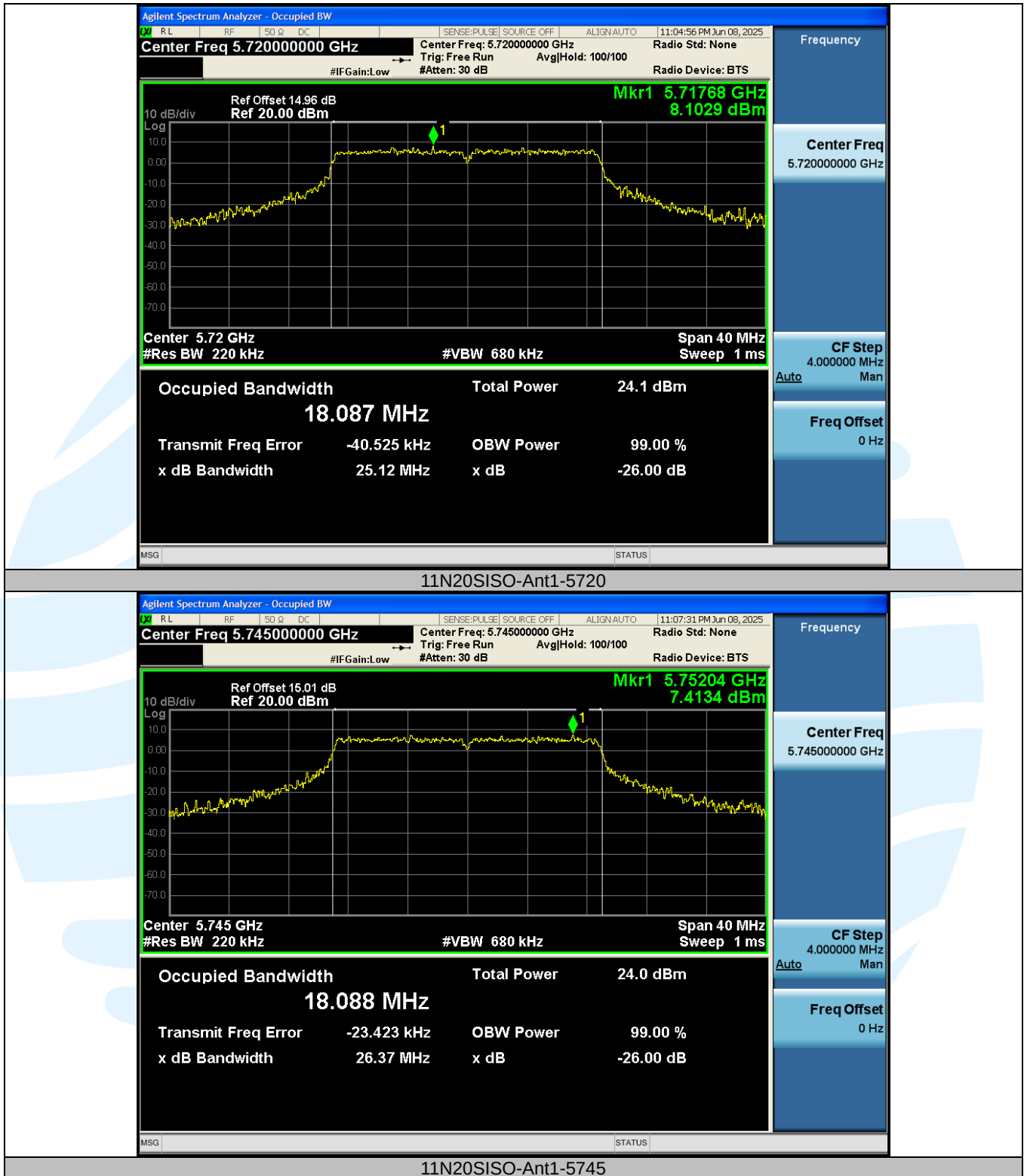
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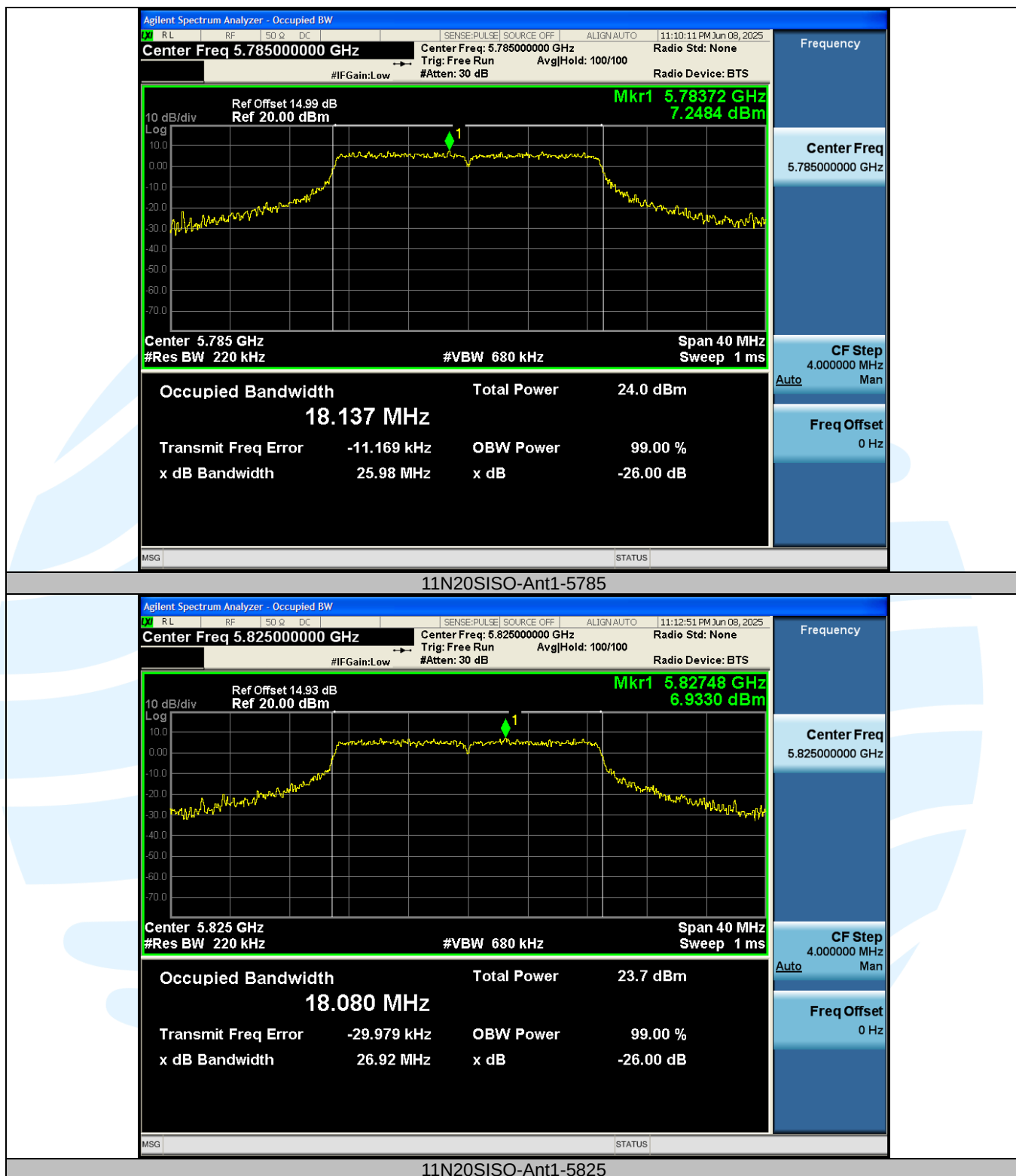
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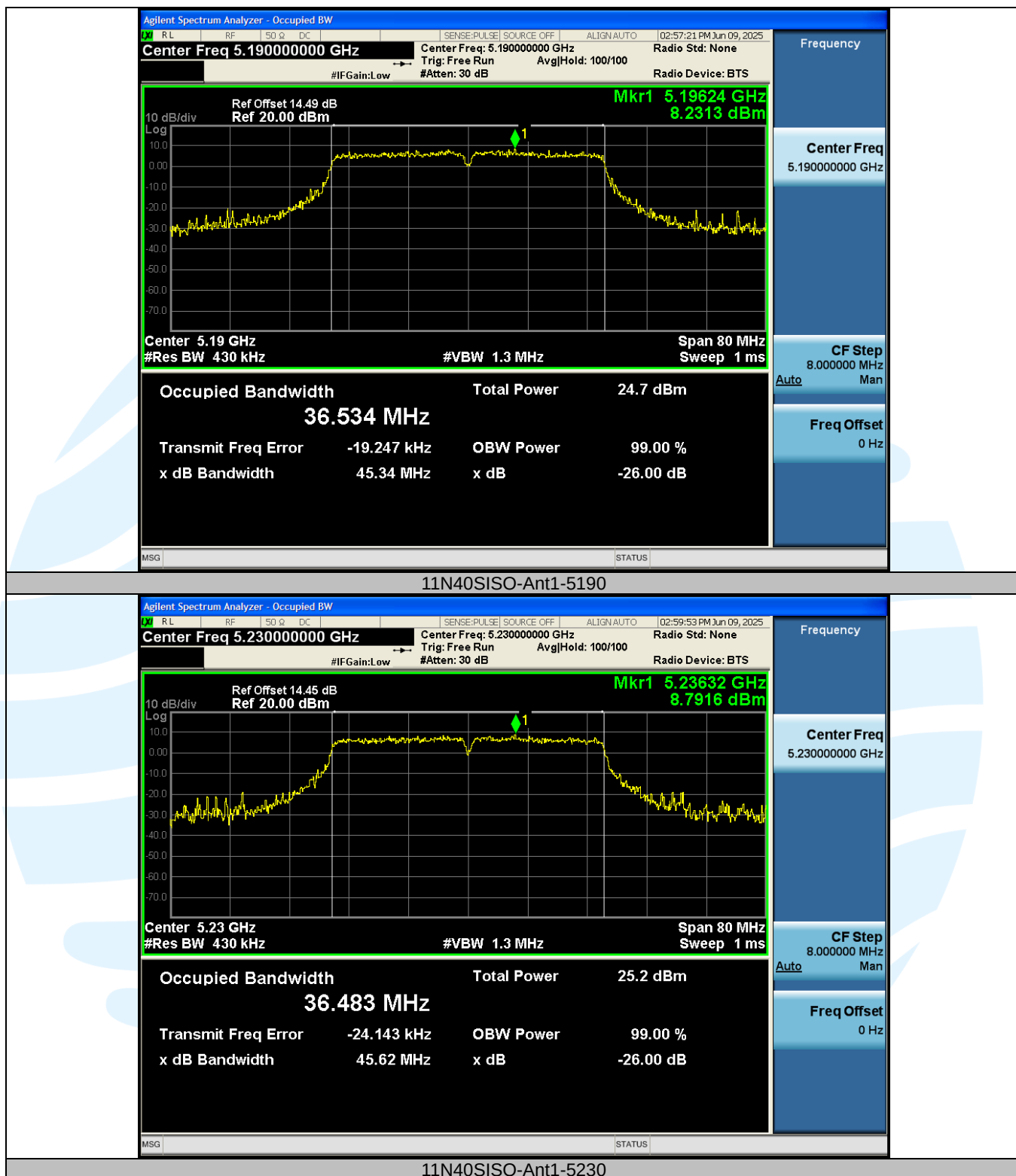


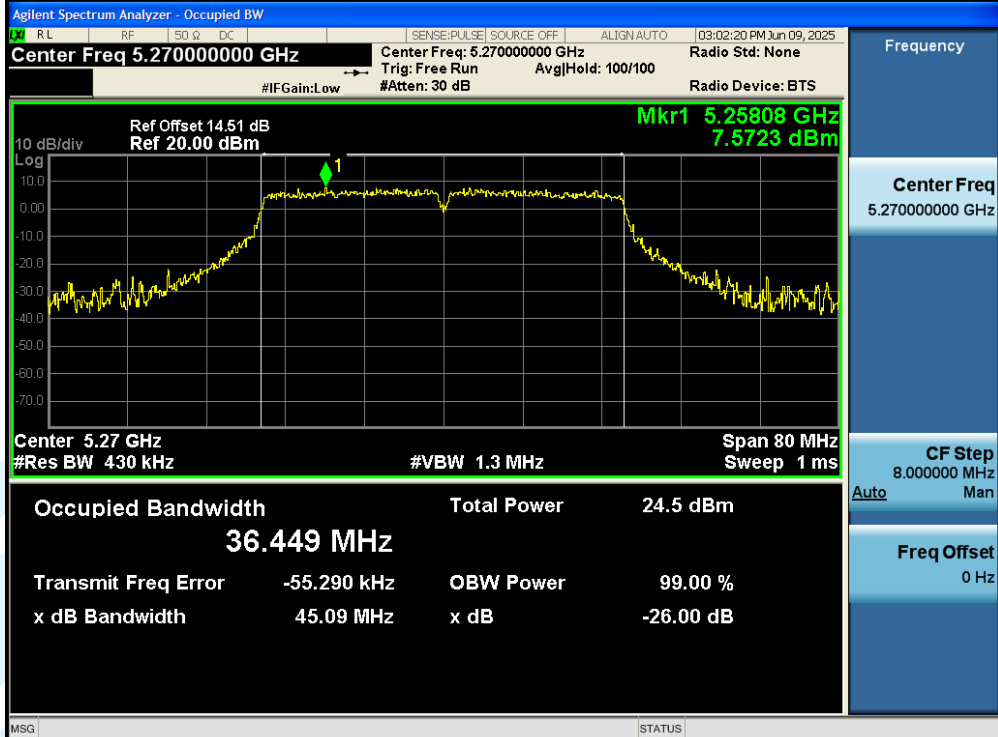




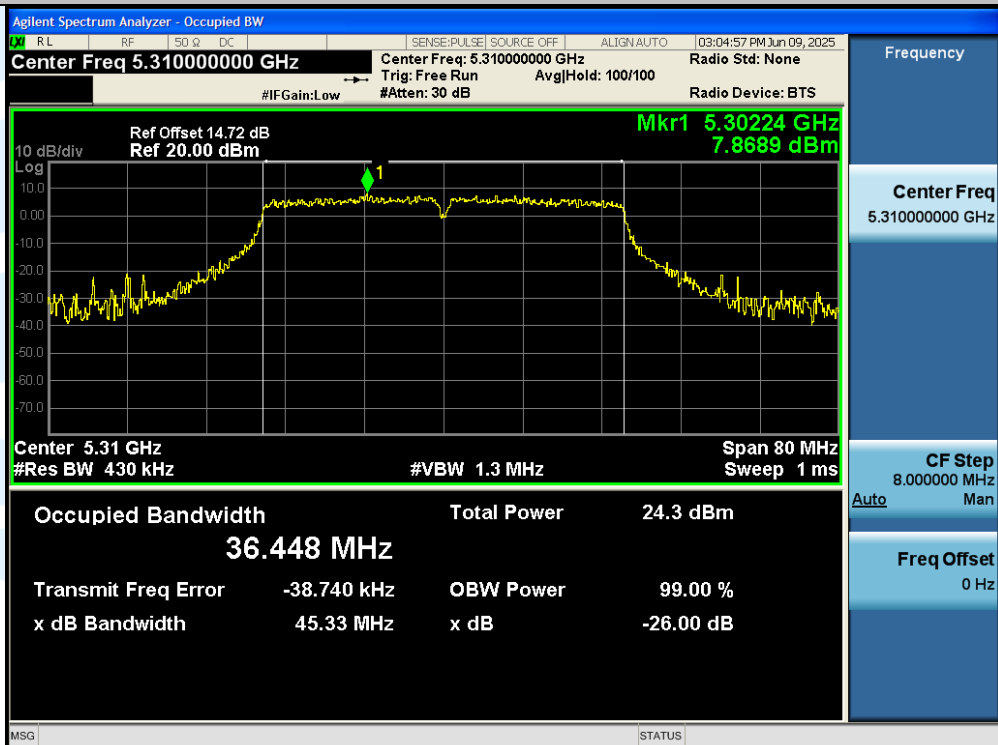








11N40SISO-Ant1-5270



11N40SISO-Ant1-5310

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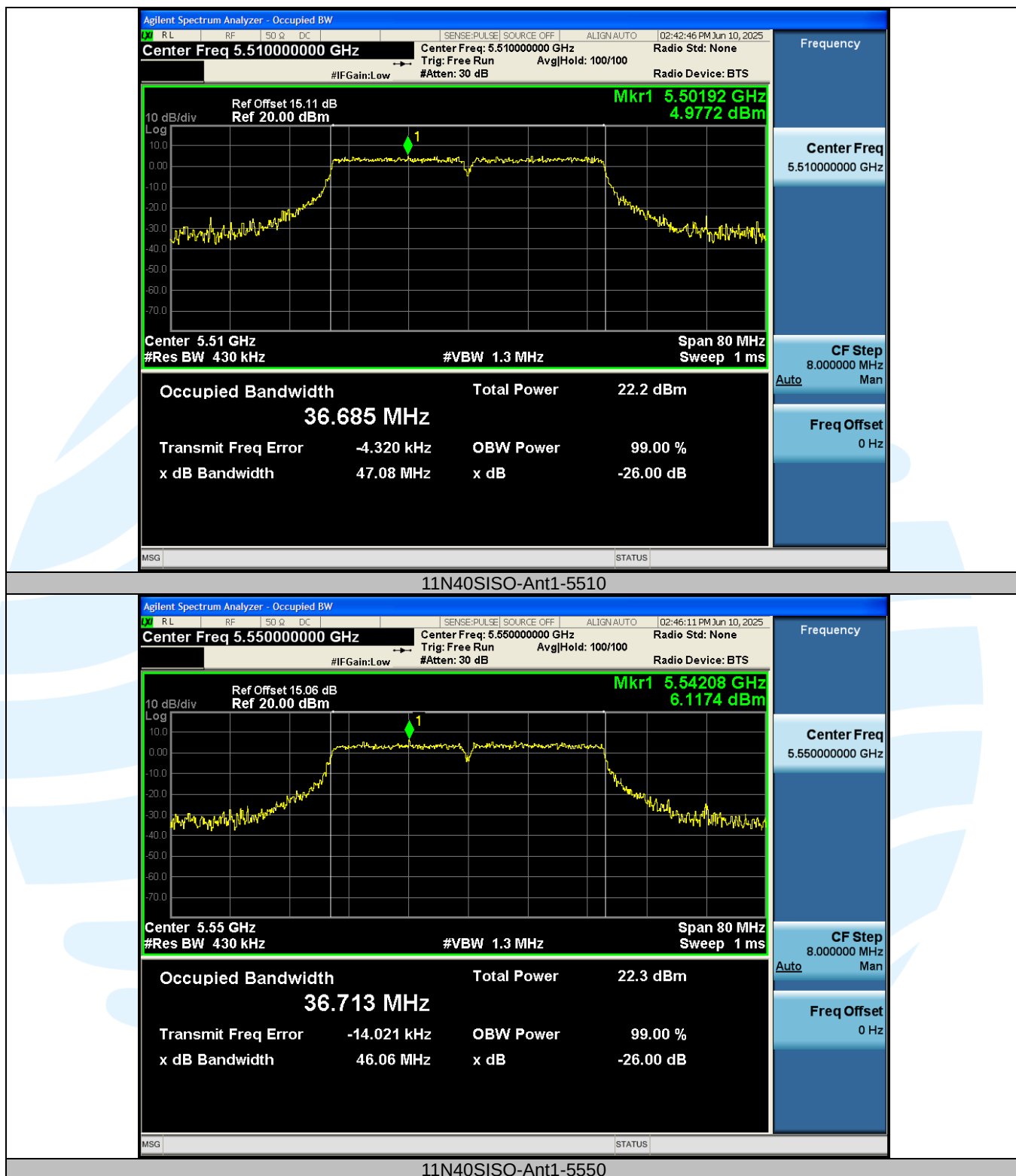
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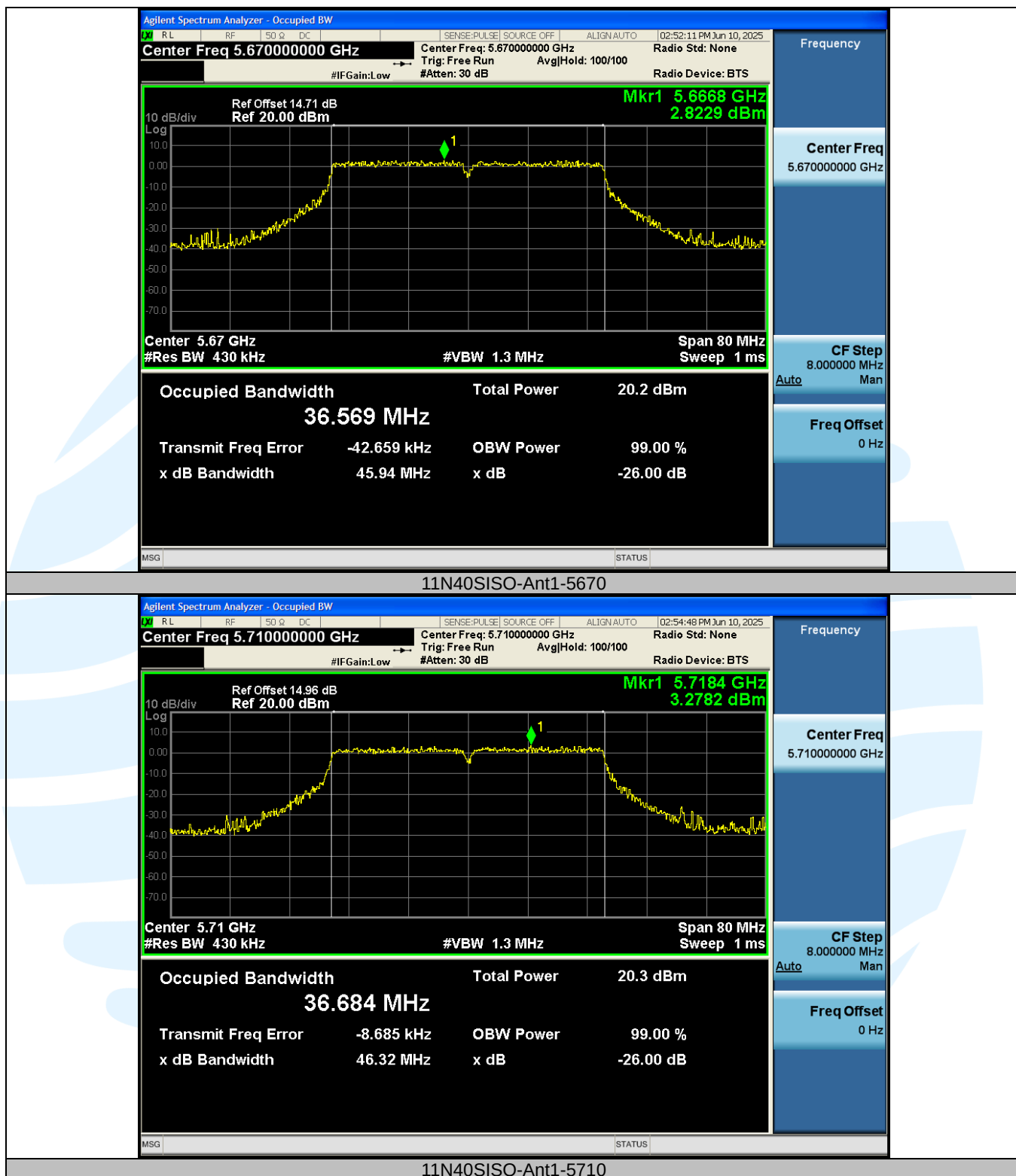
Fax: +86-755-28230886

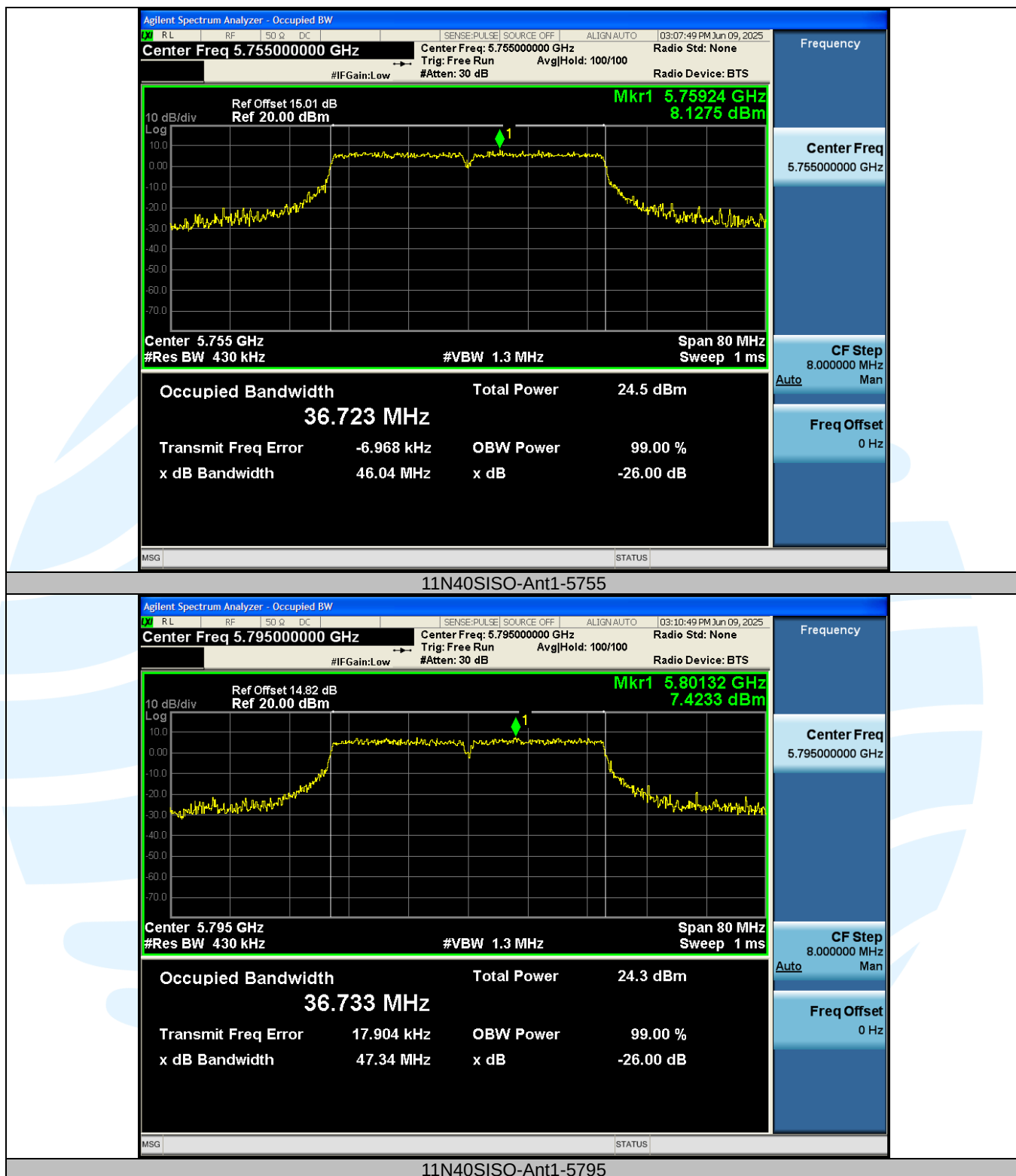
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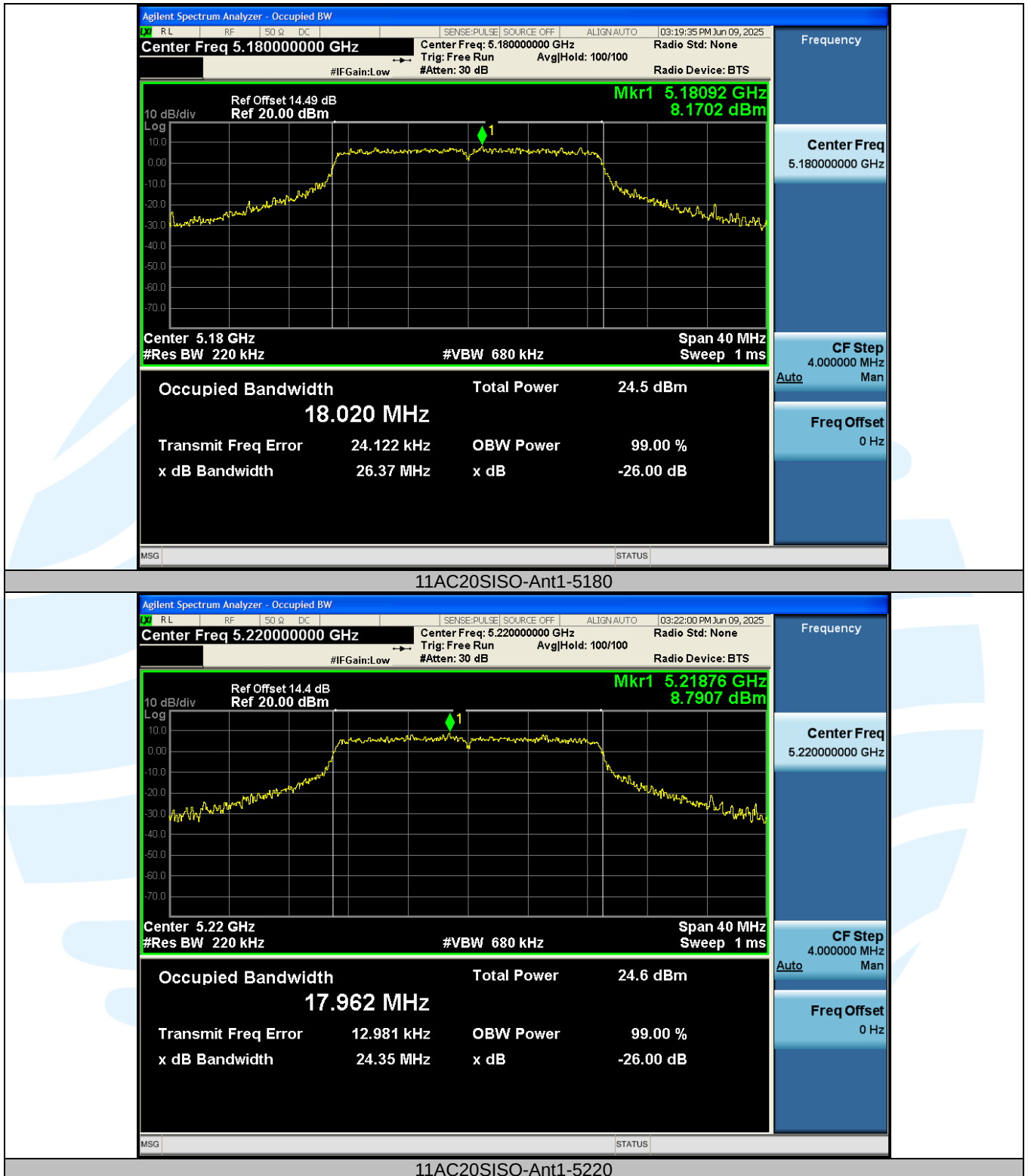
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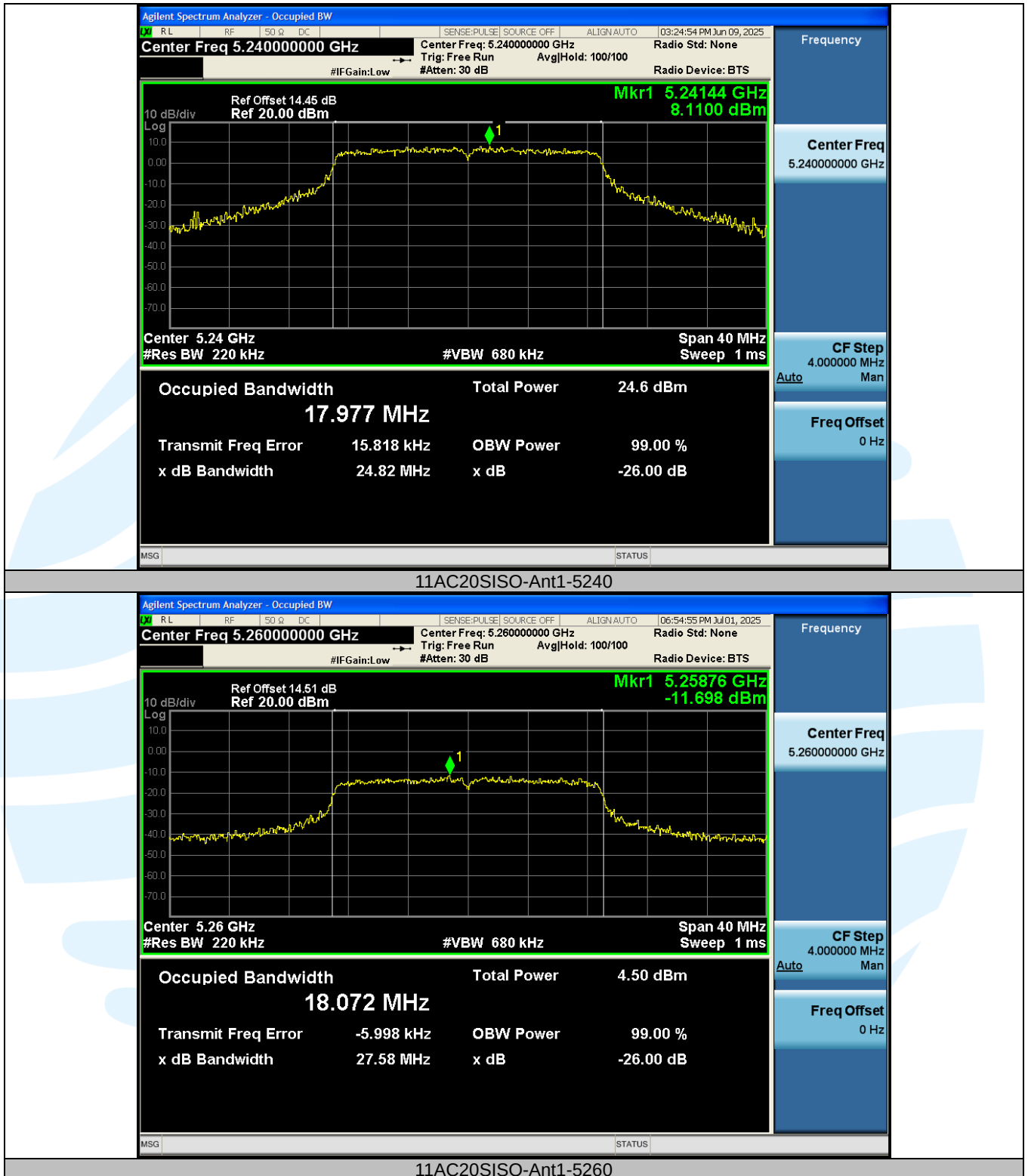
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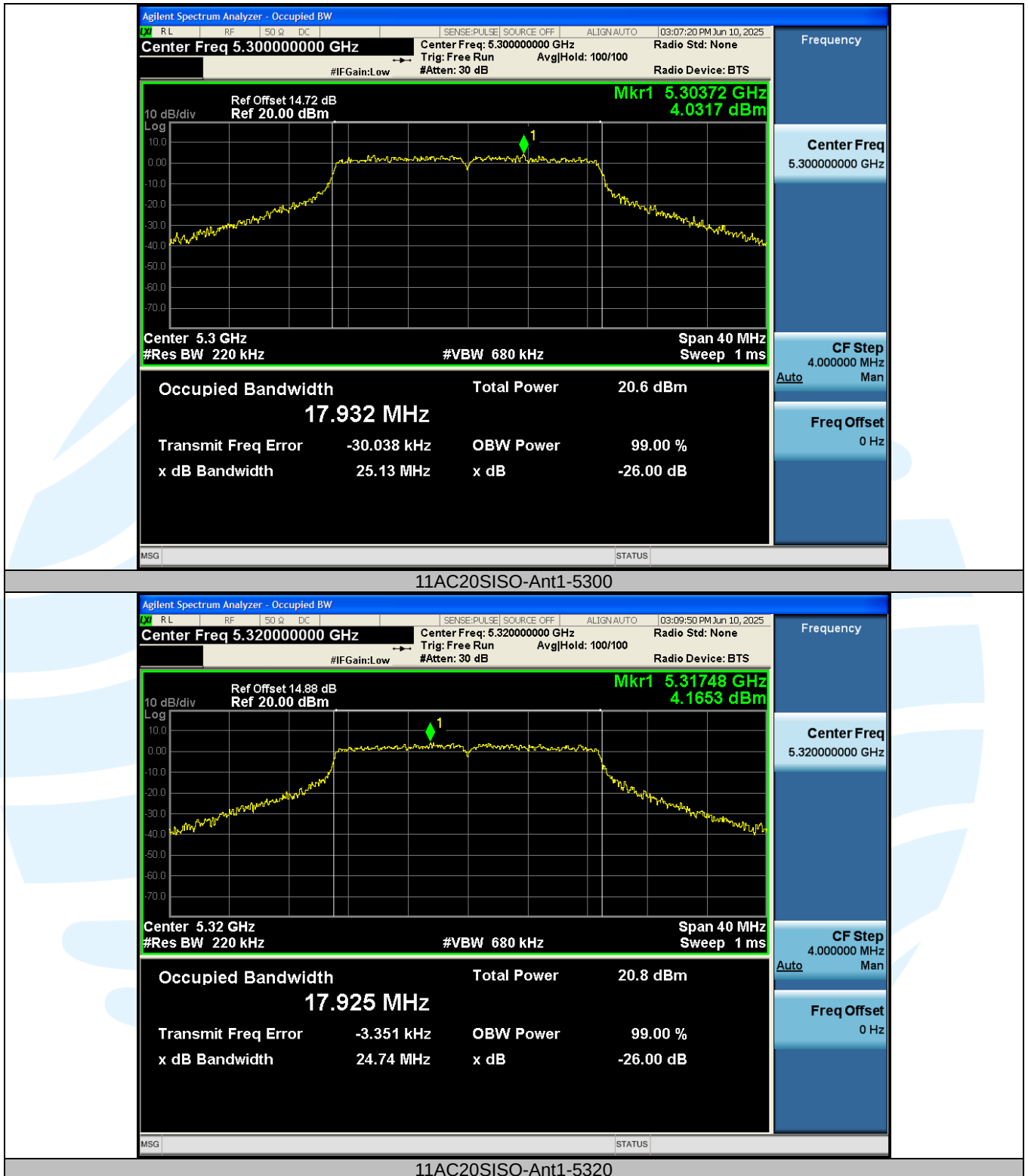


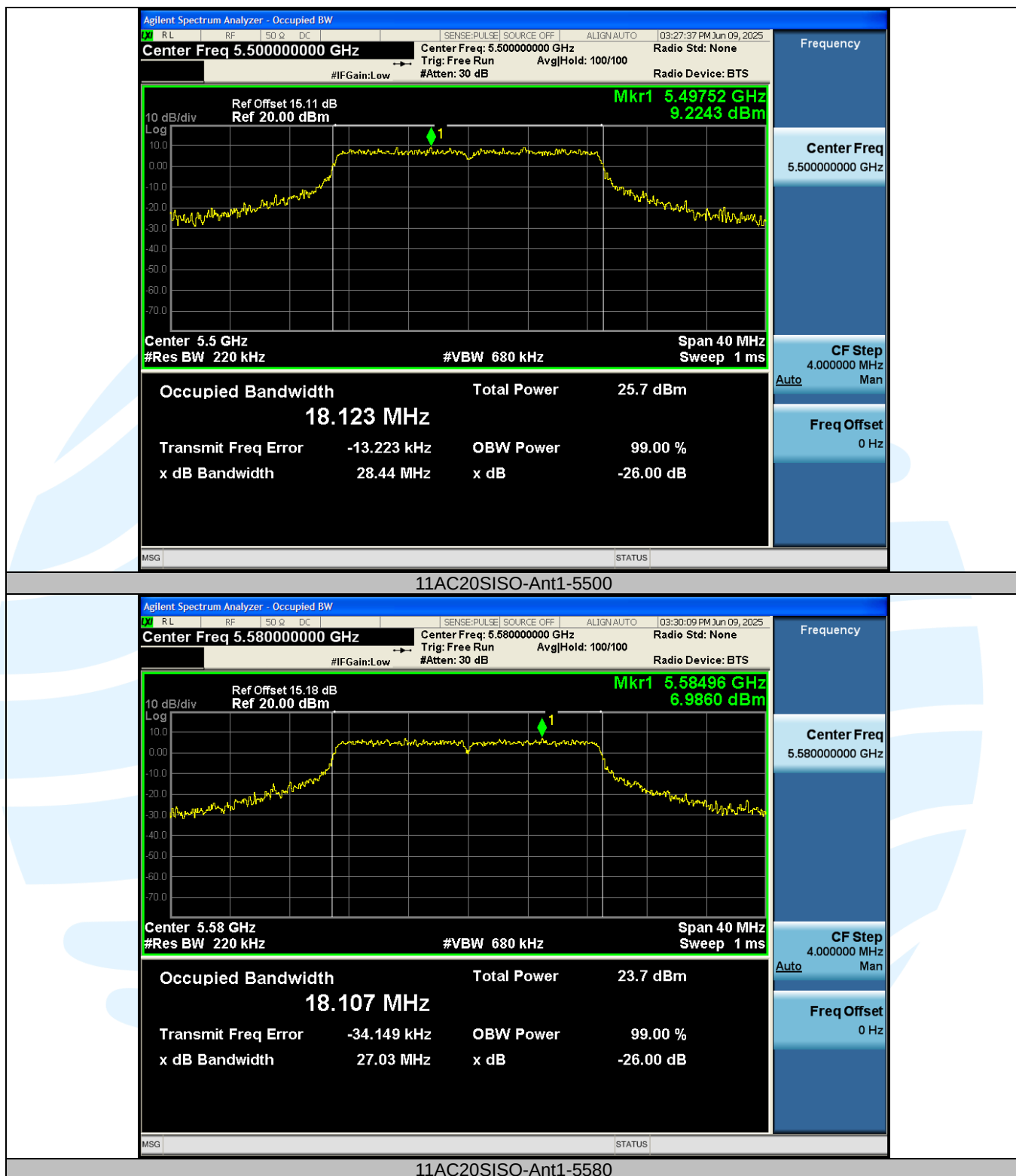


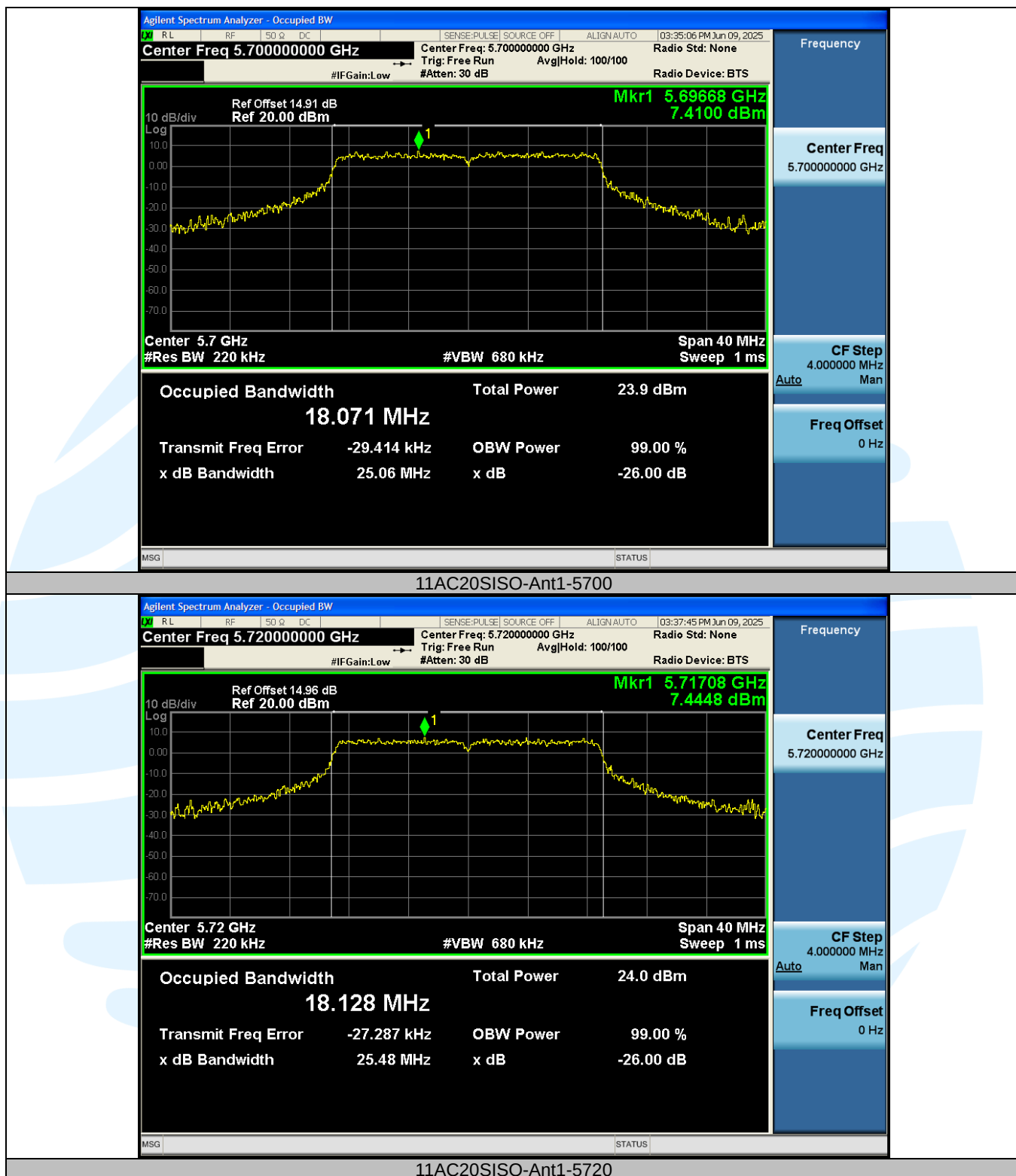


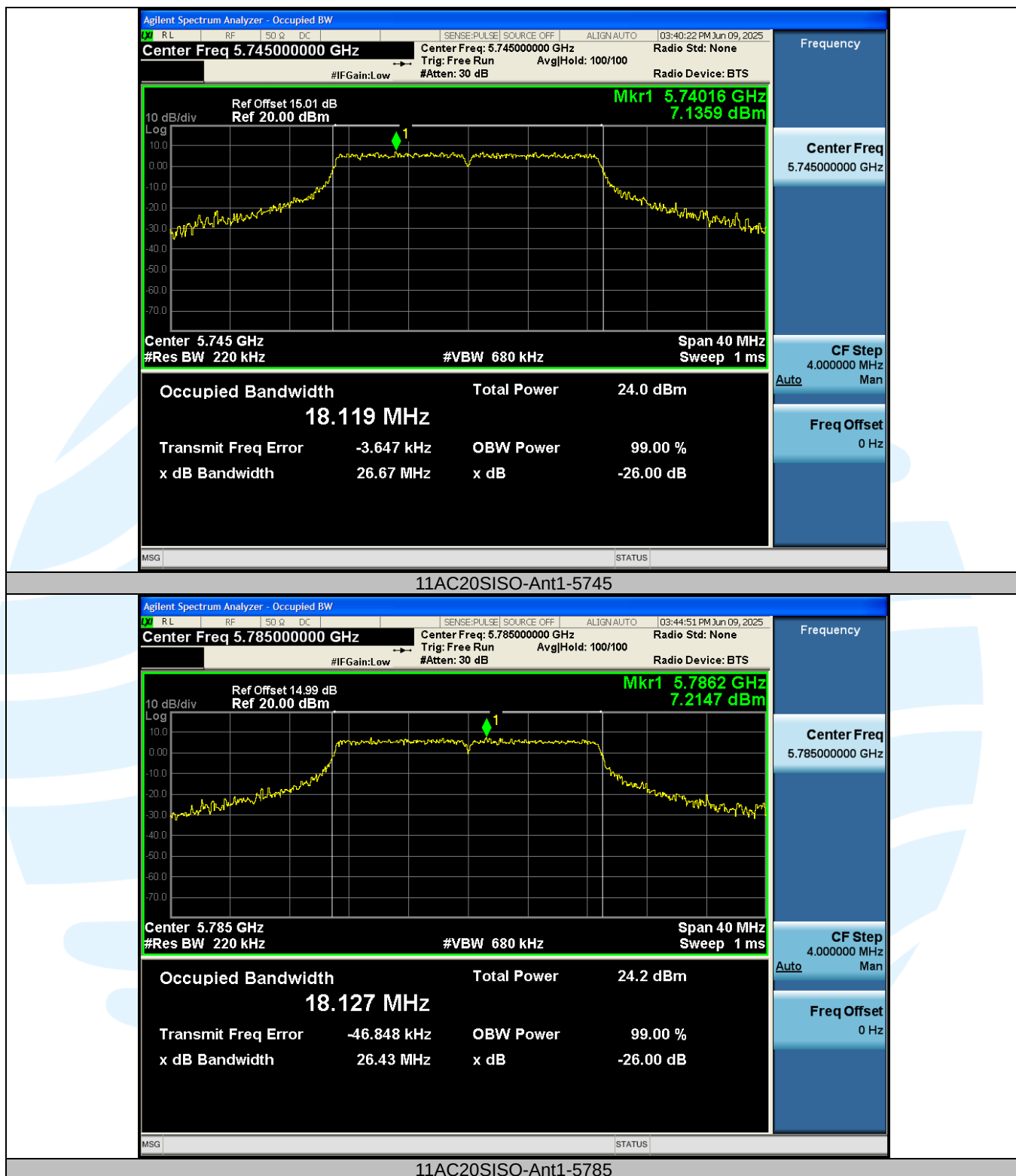


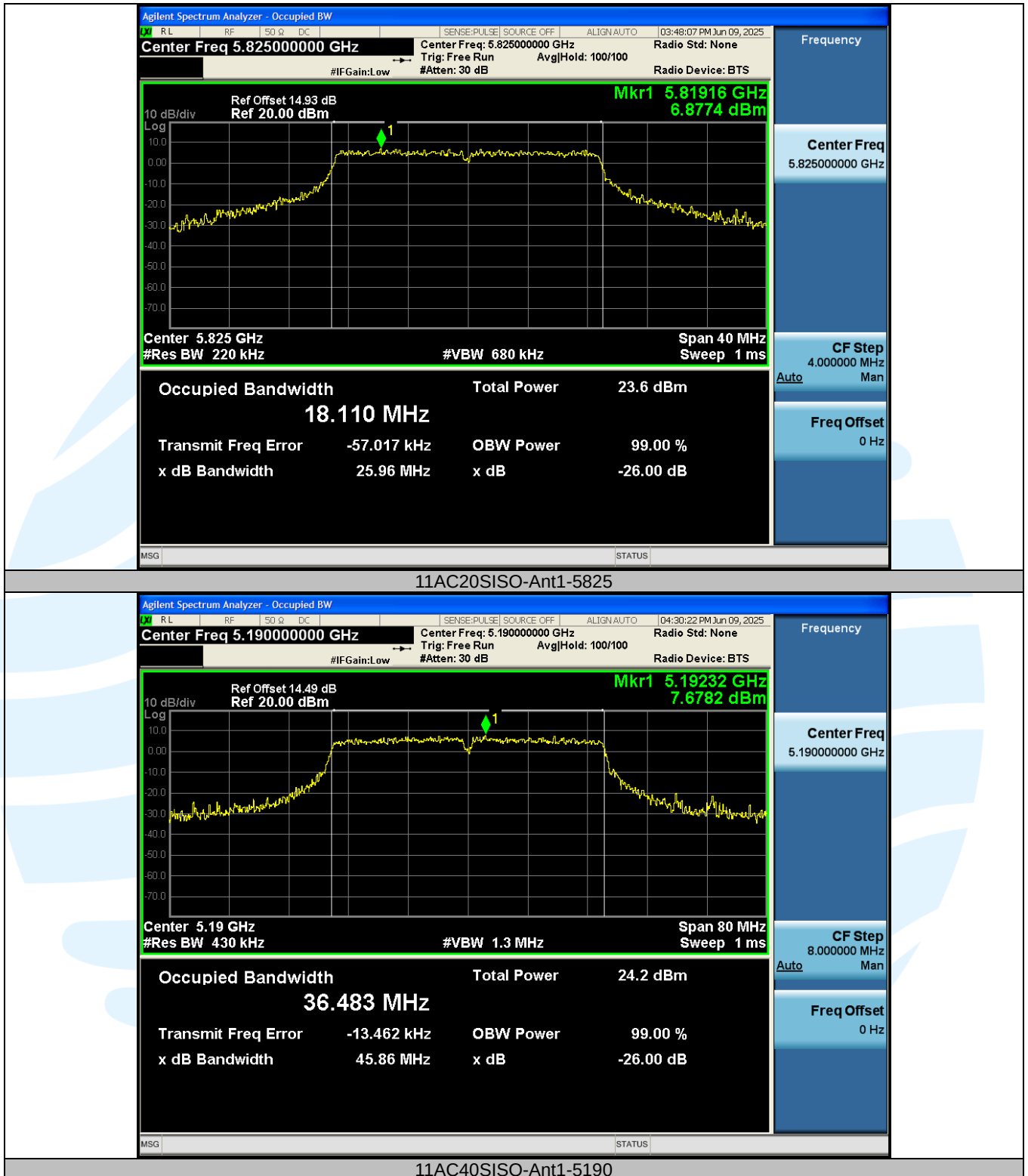


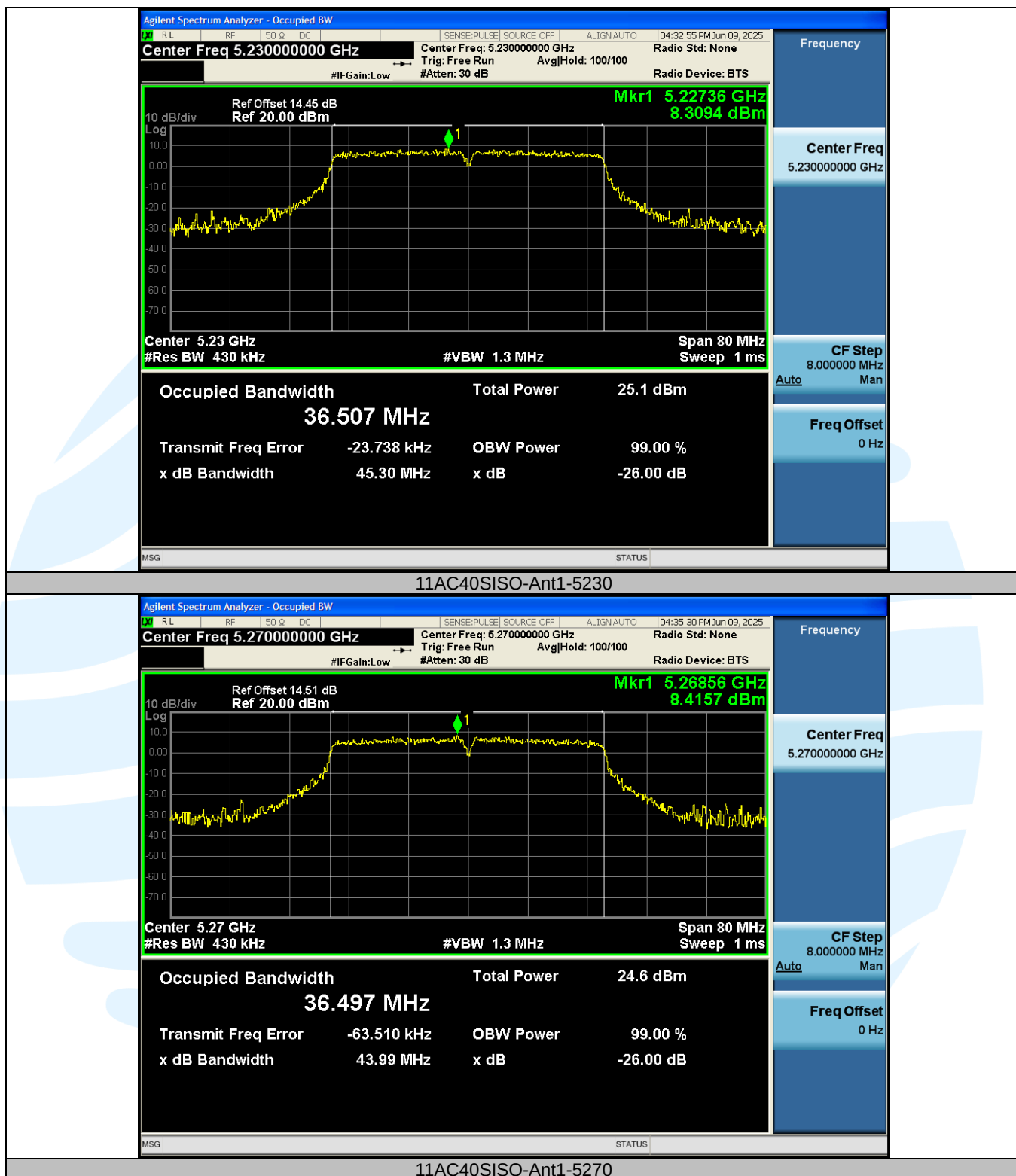


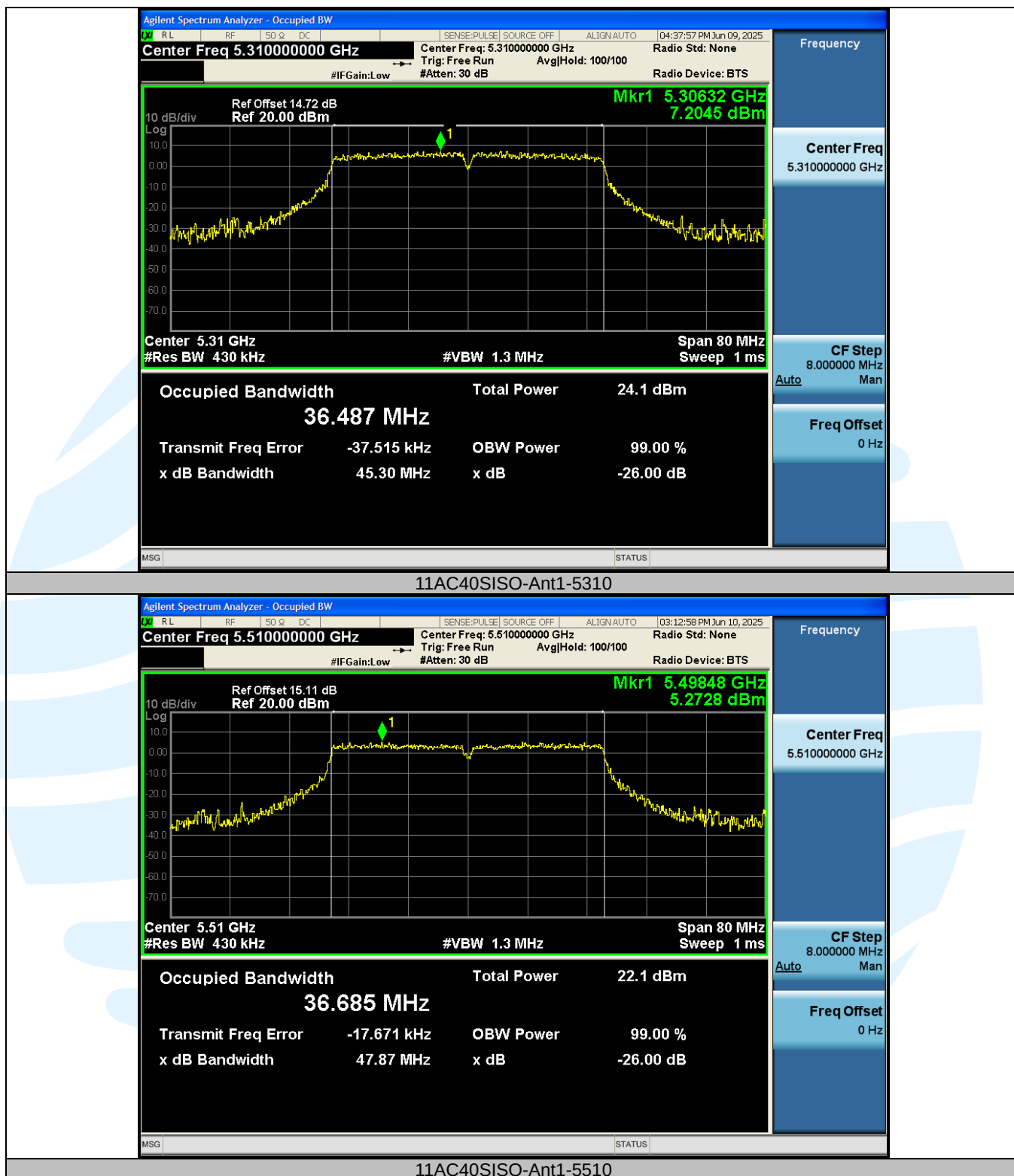










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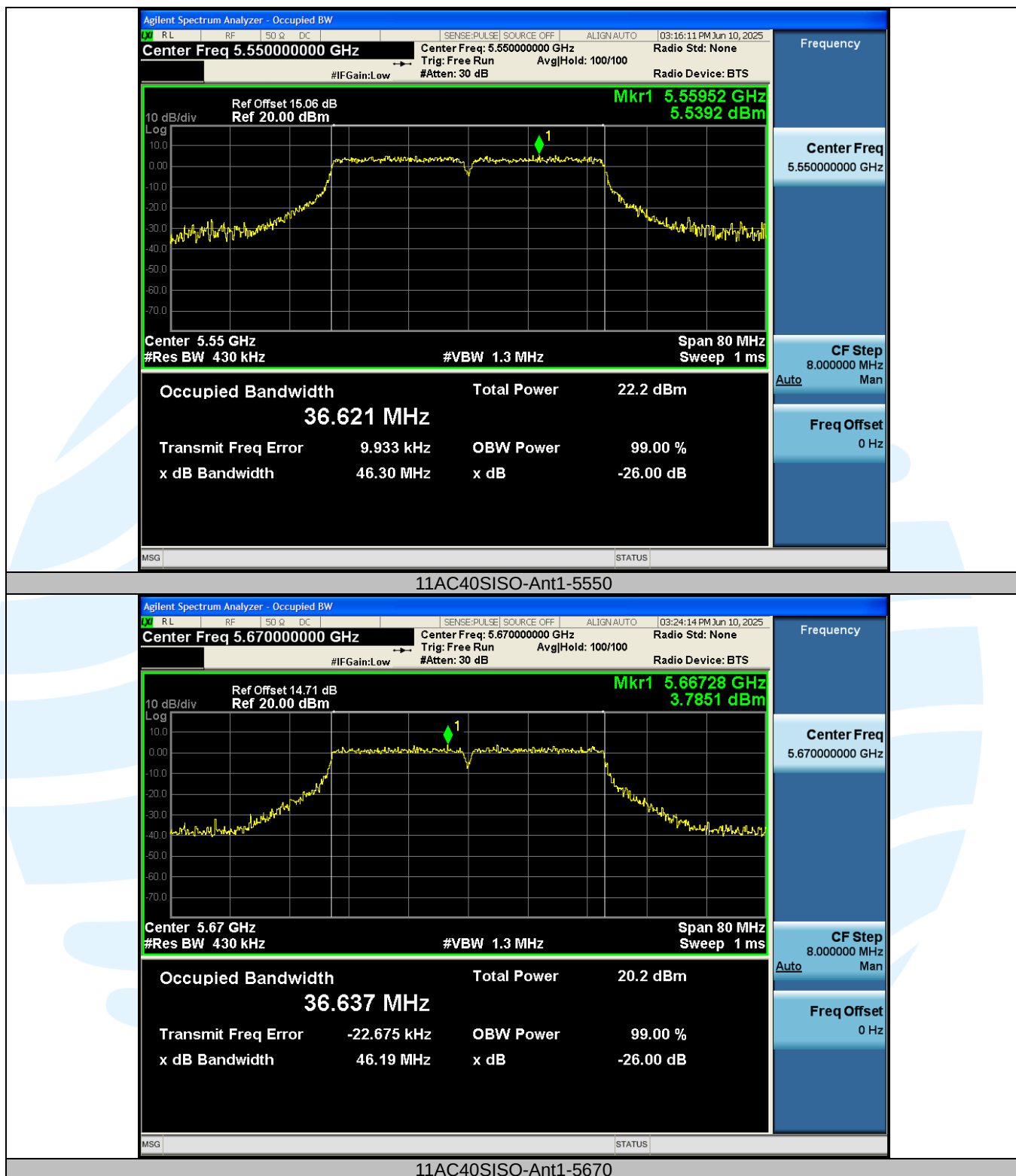
Tel: +86-755-28230888

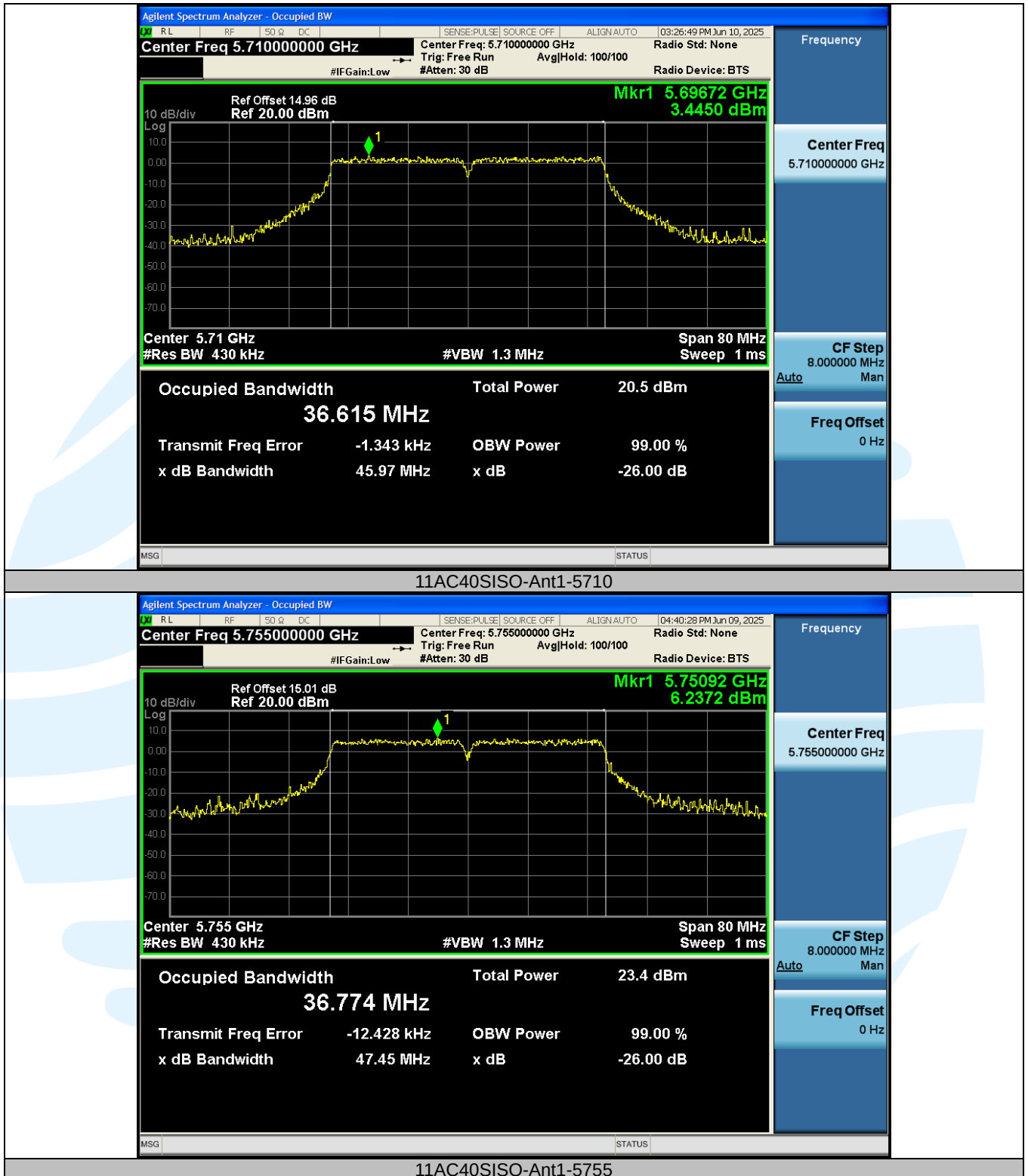
Fax: +86-755-28230886

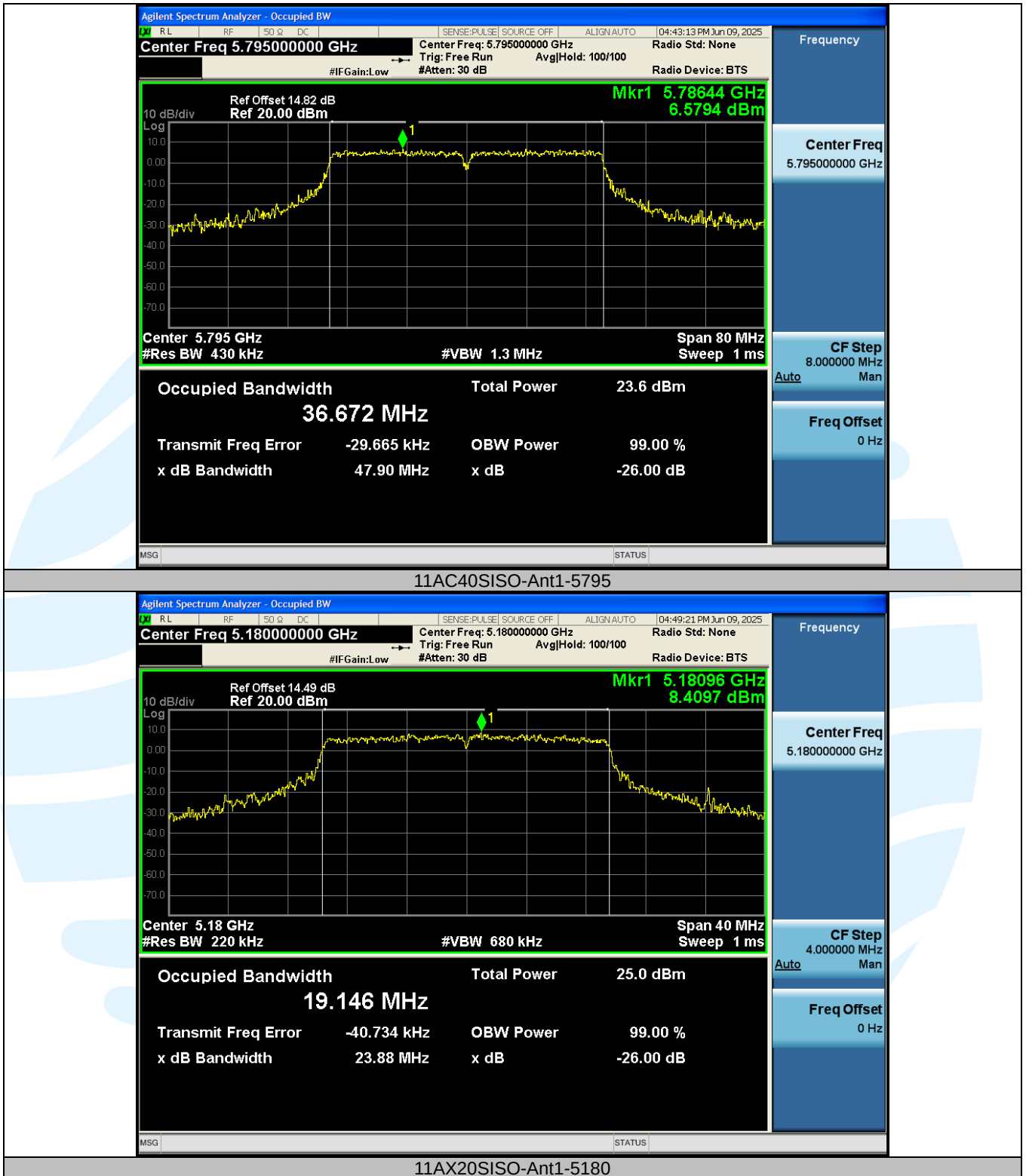
E-mail: info@uttlab.com

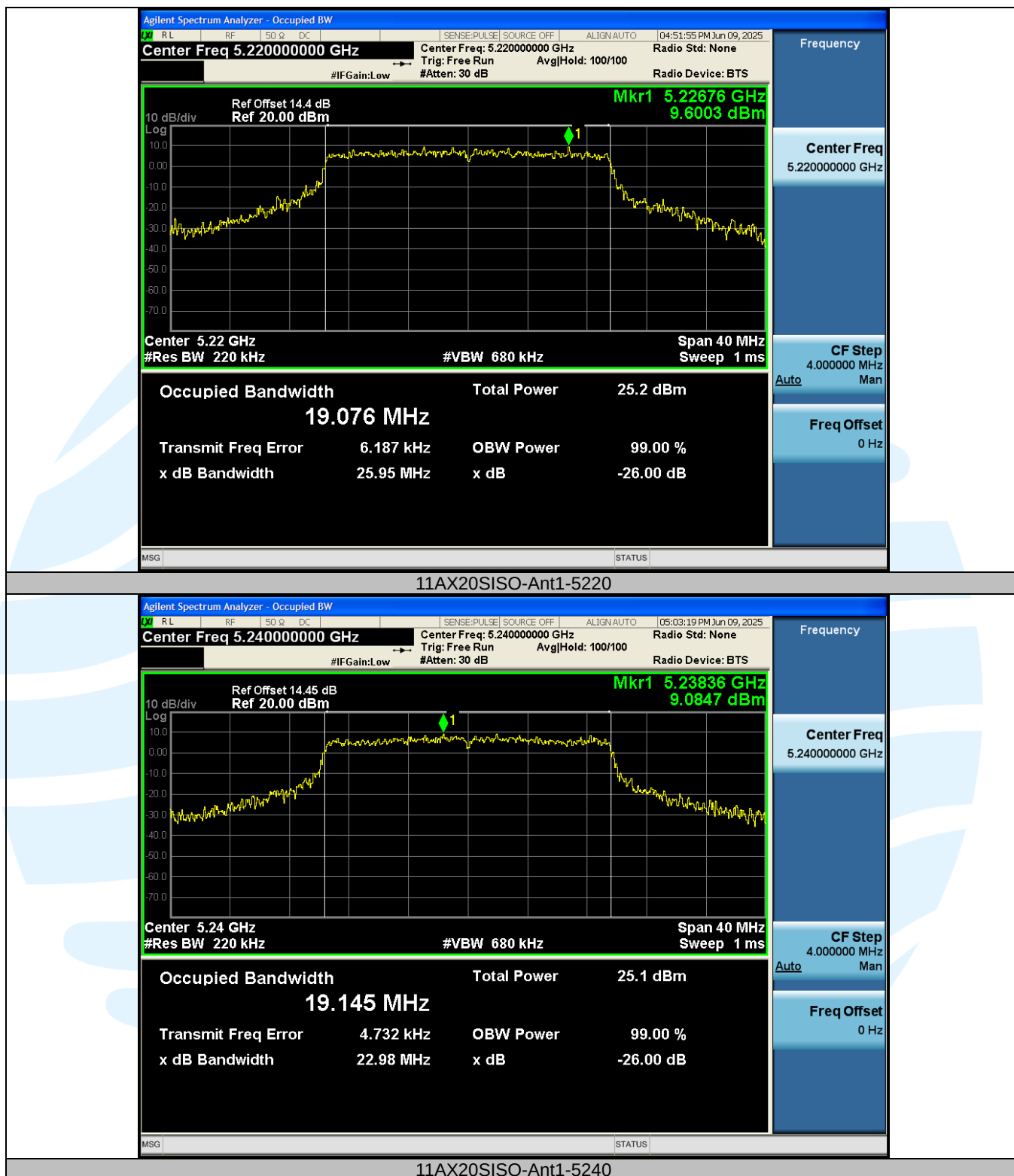
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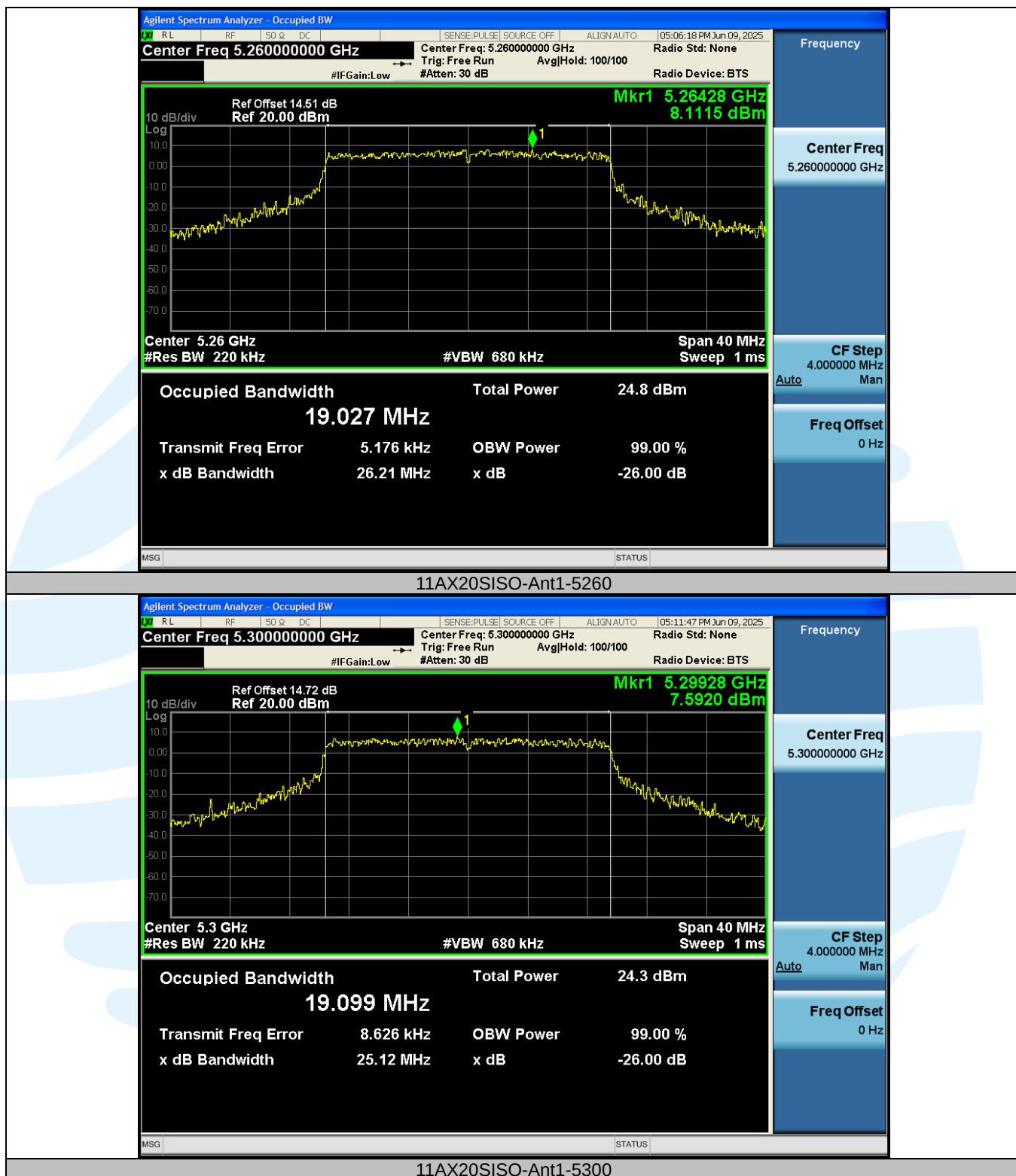
Tel: +86-755-28230888

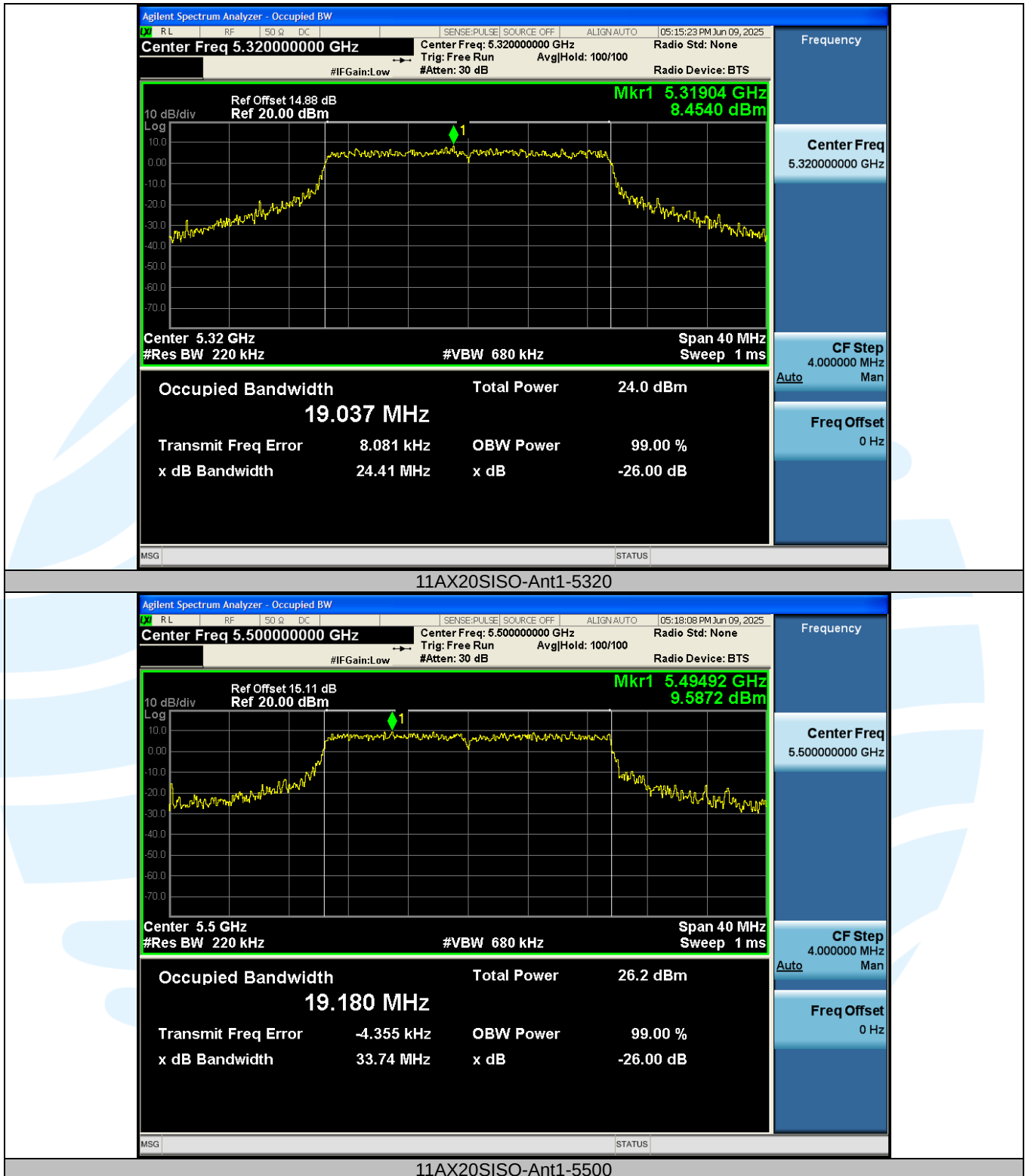
Fax: +86-755-28230886

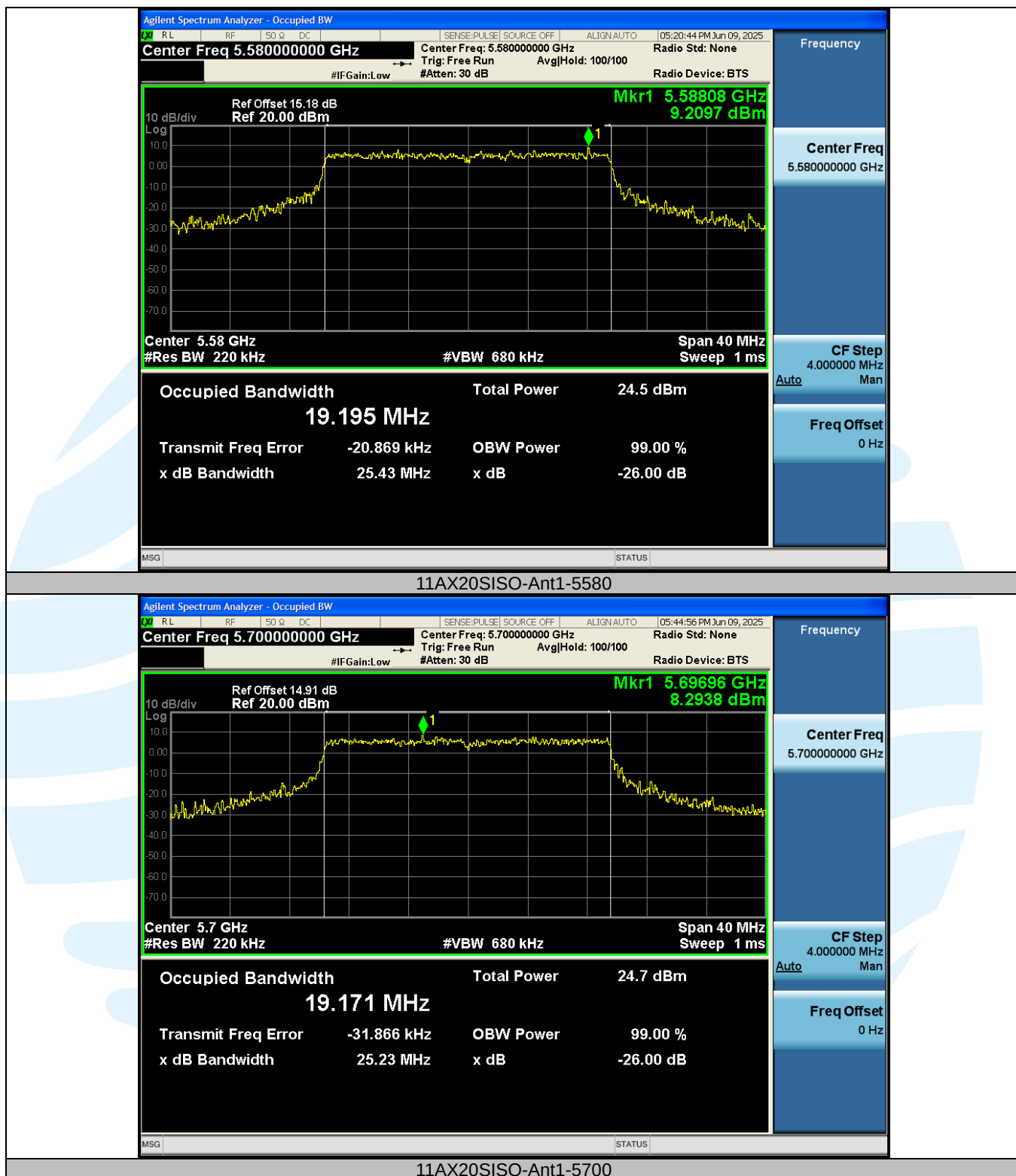
E-mail: info@uttlab.com

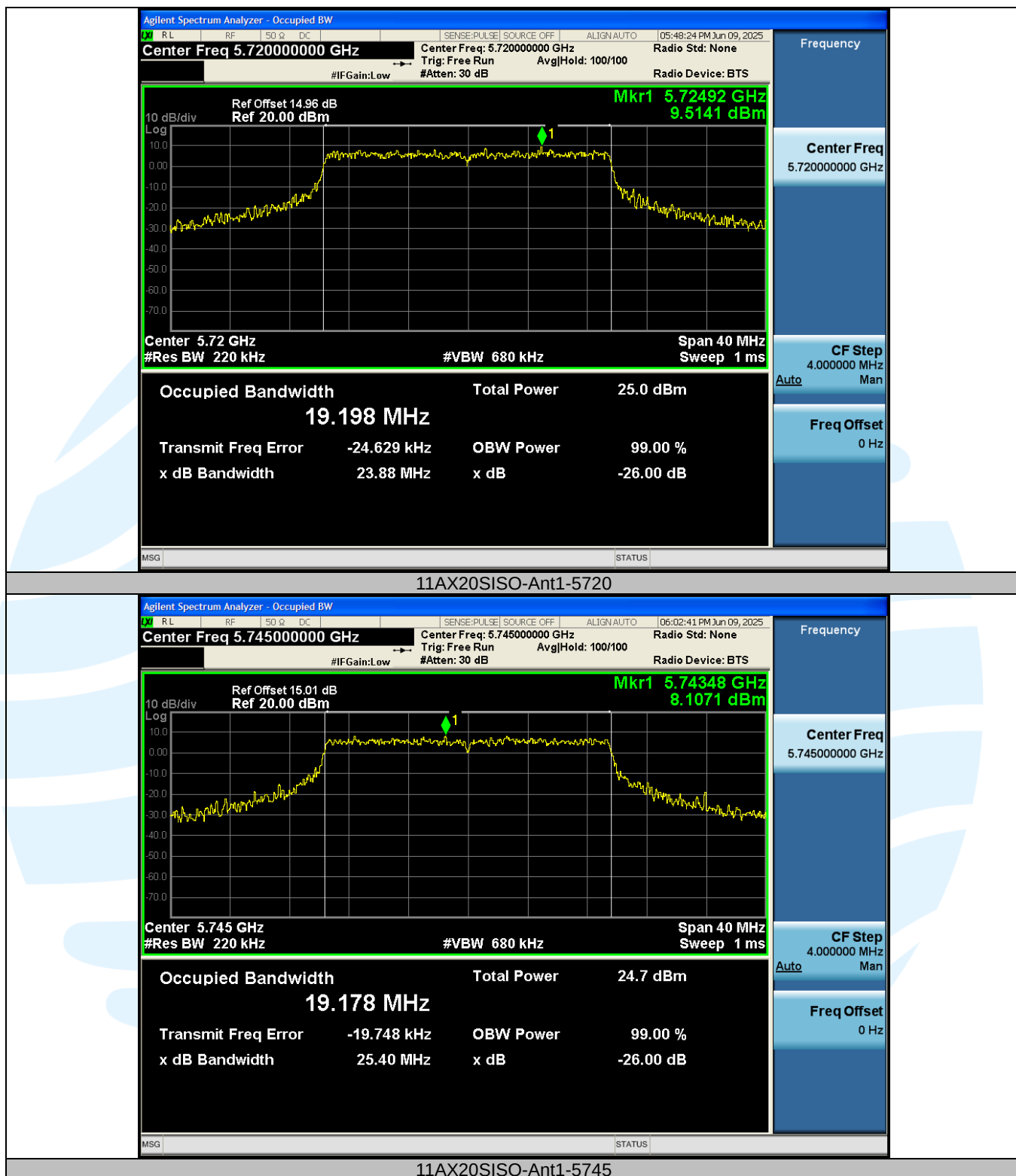
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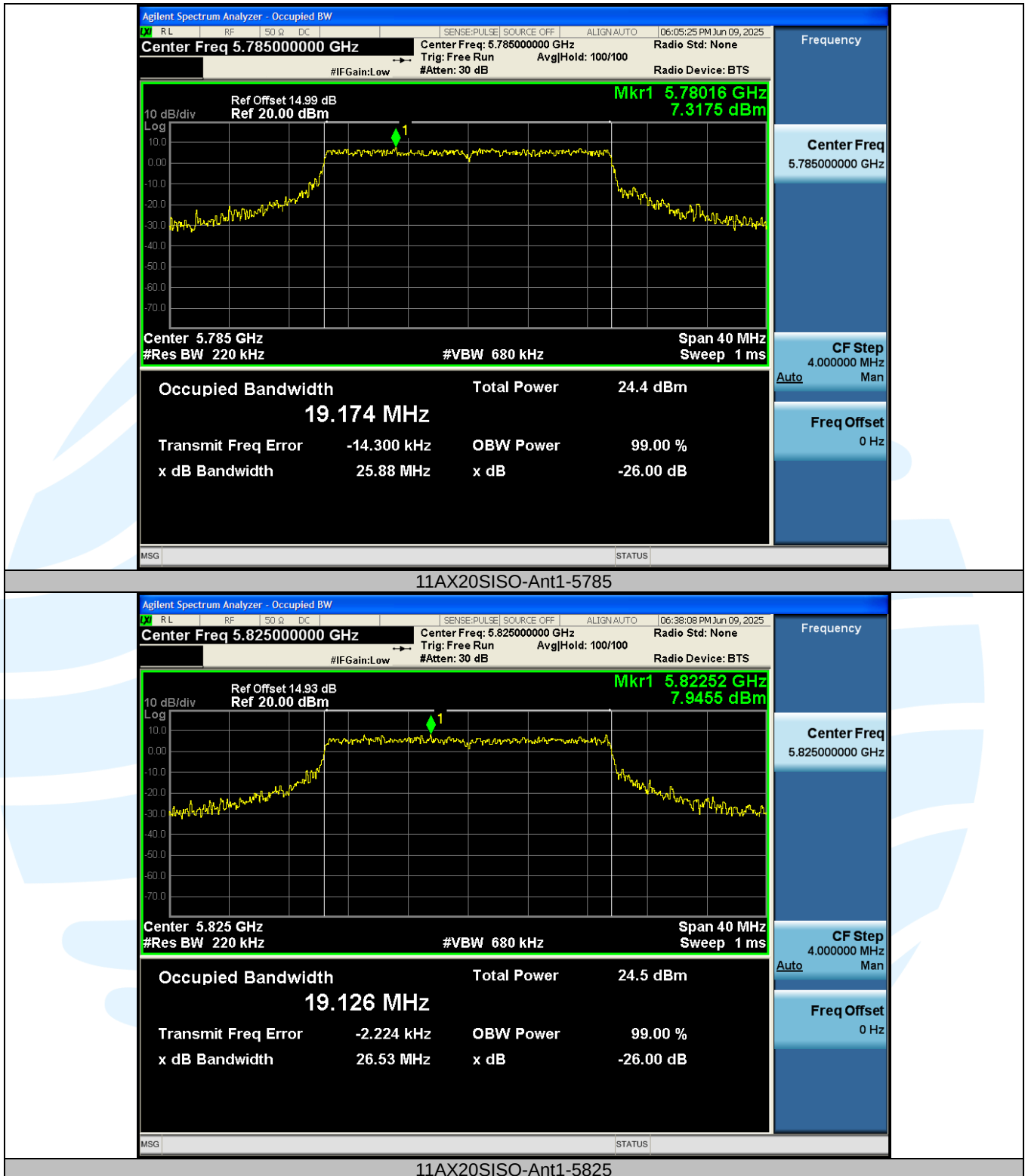
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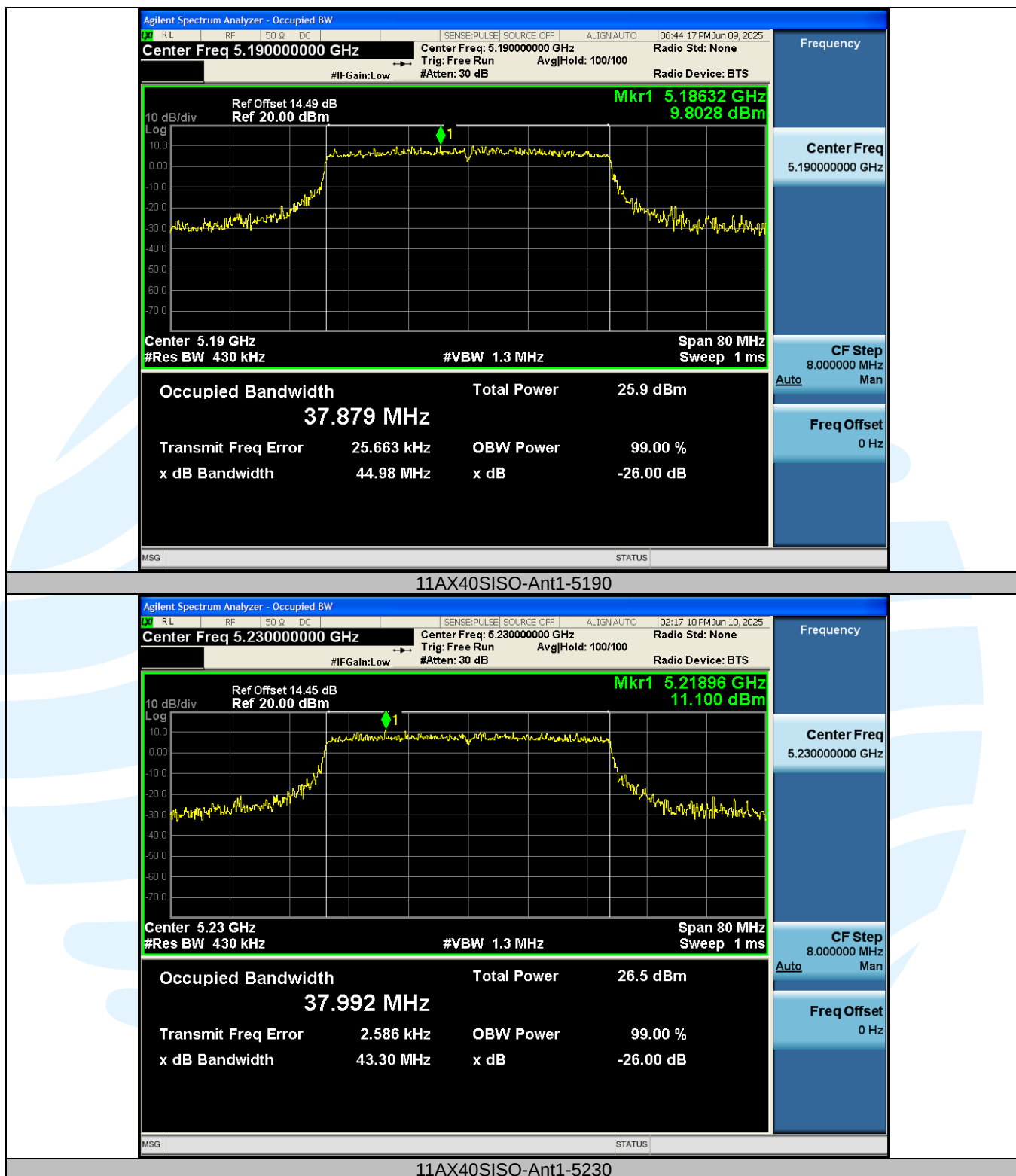


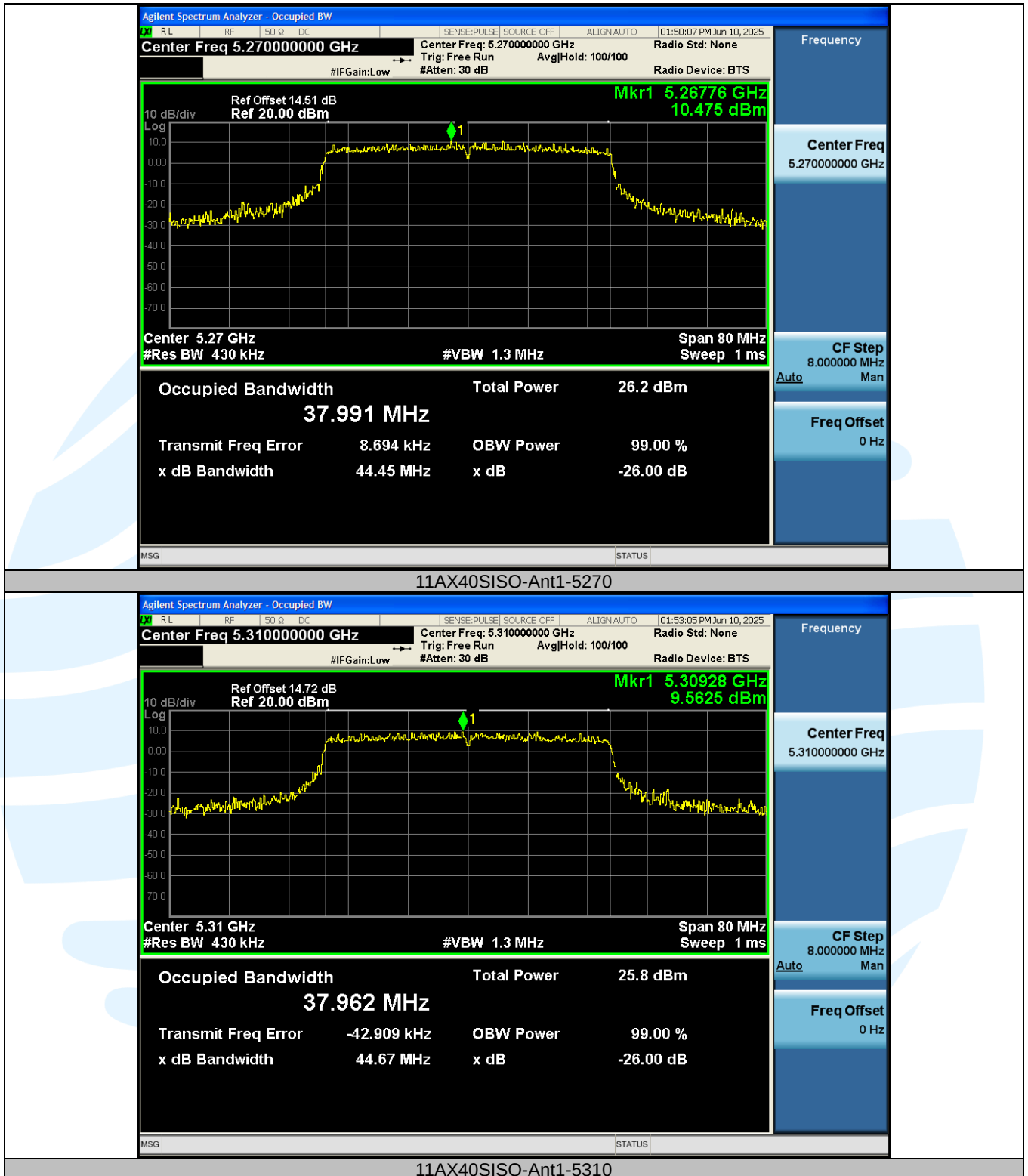












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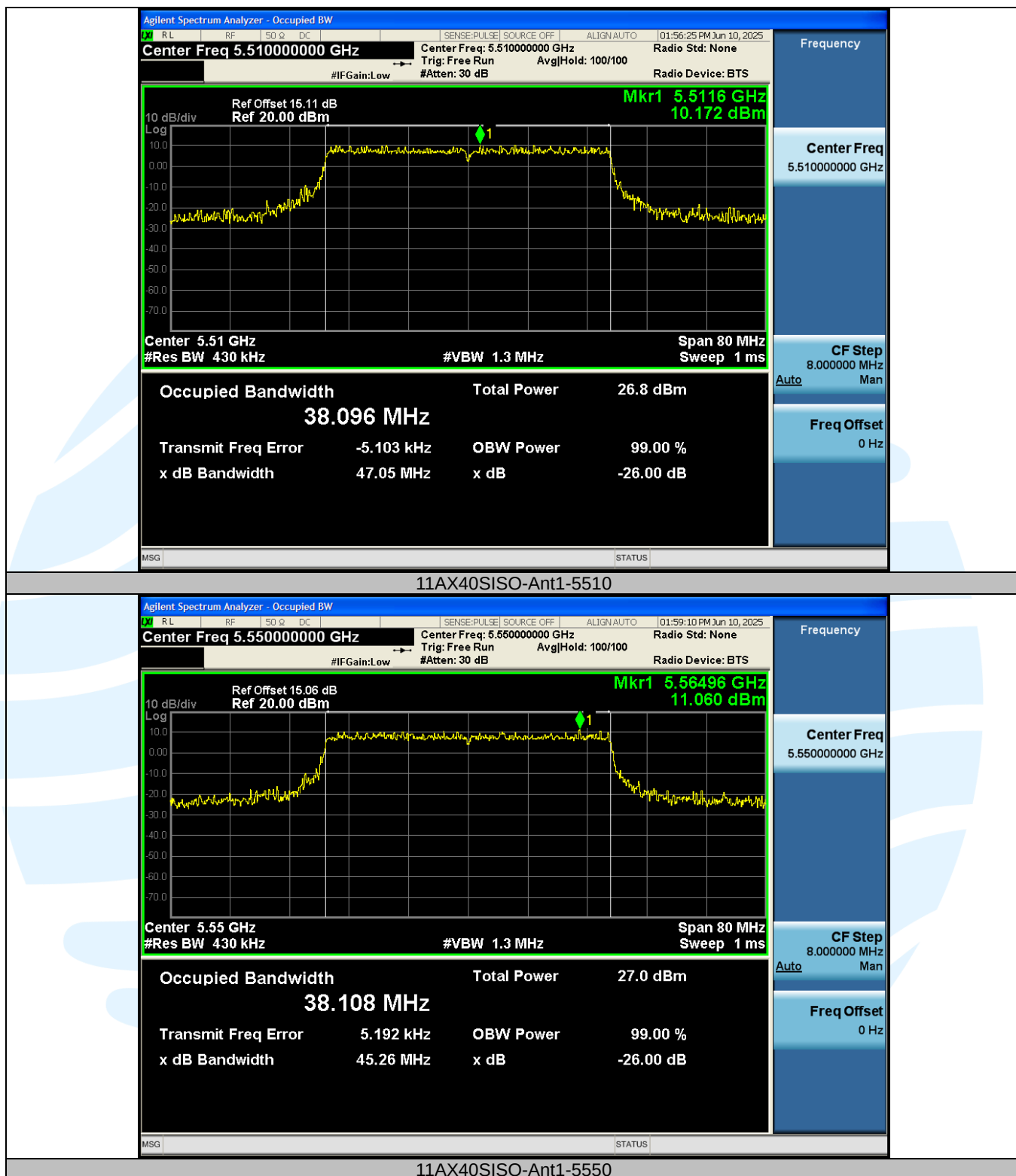
Tel: +86-755-28230888

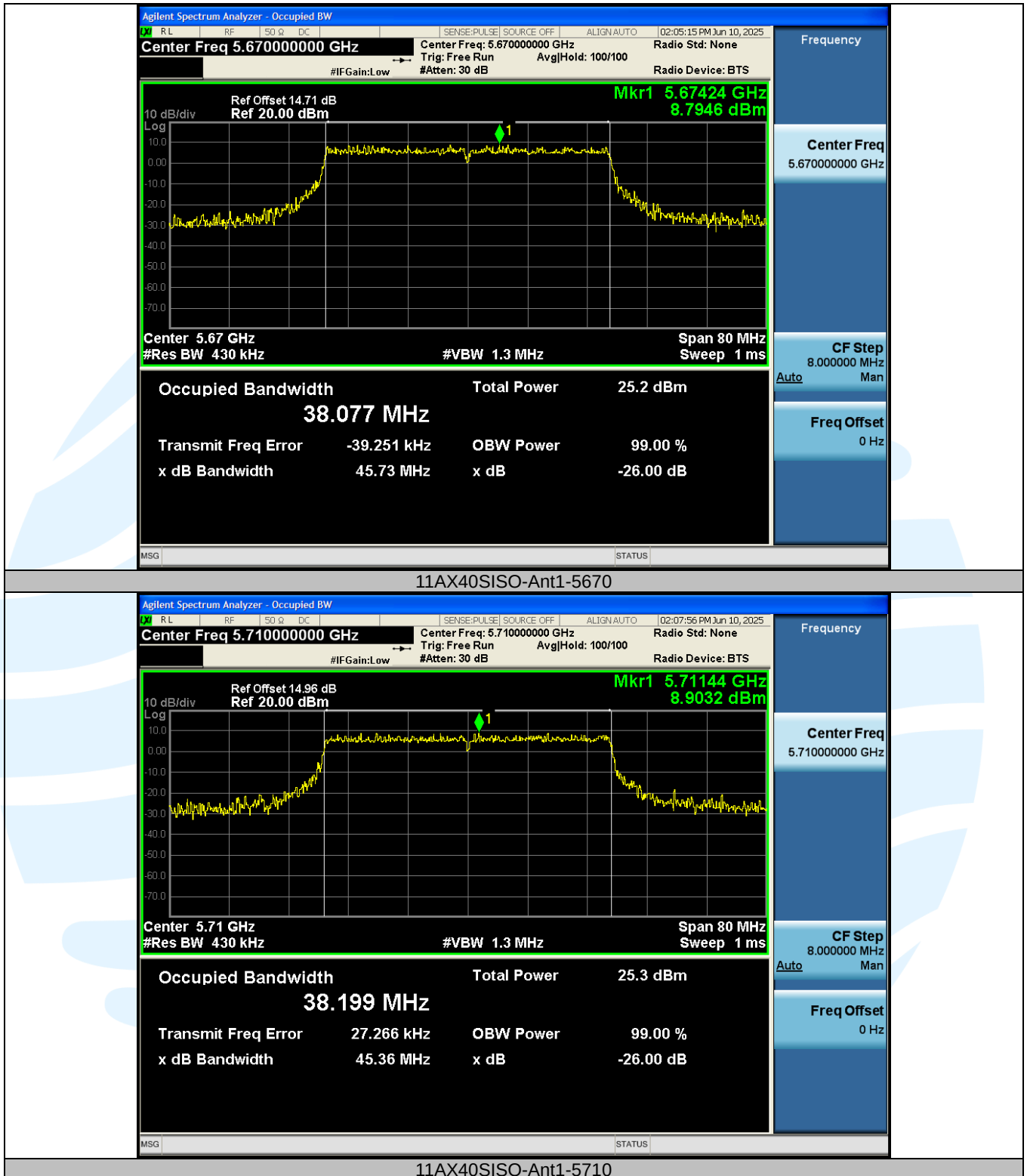
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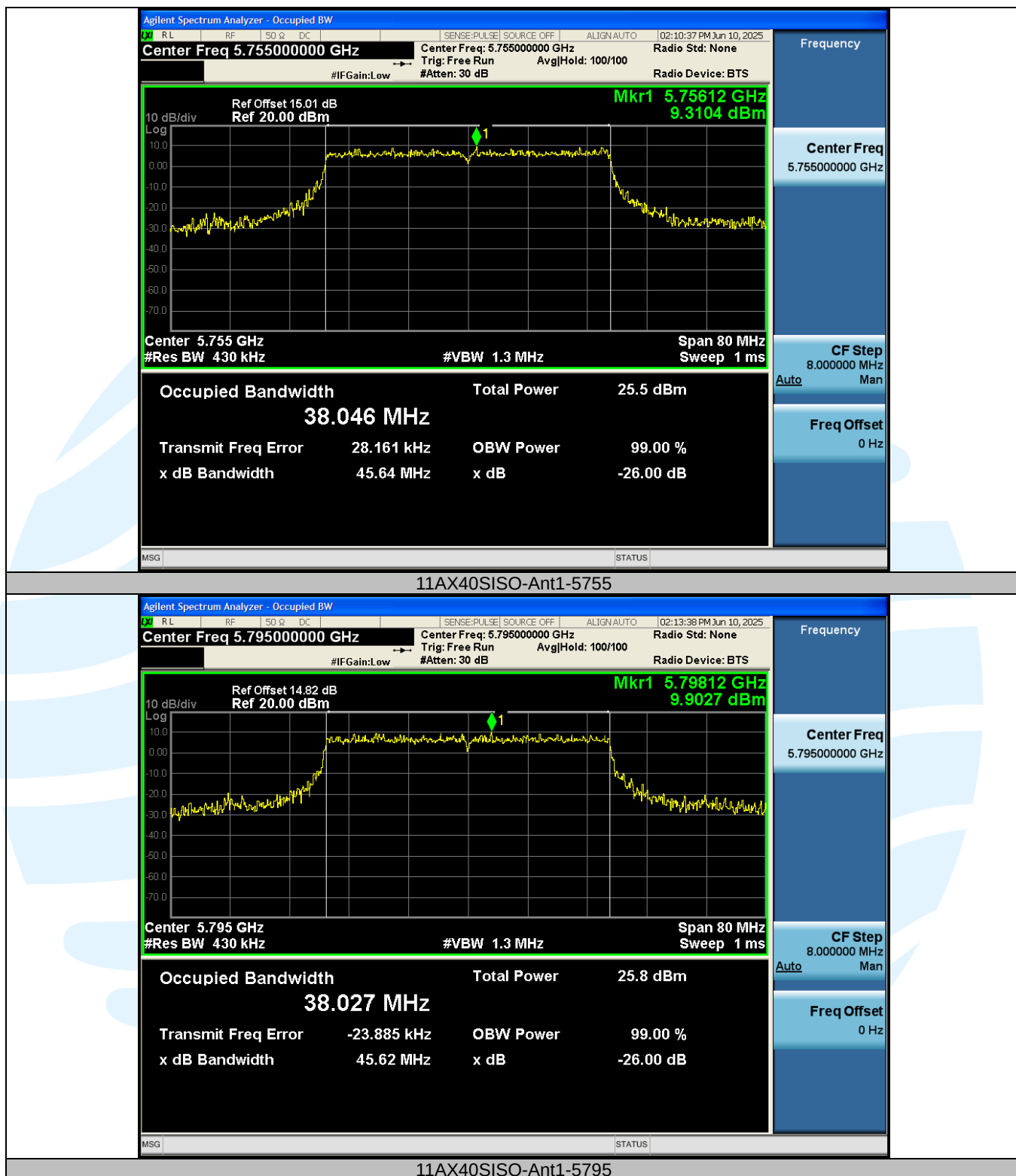
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### A3. PEAK POWER SPECTRAL DENSITY

| Test Mode  | Ant. | Freq. [MHz]  | Raw Data [MHz] | Dc Factor [dBm/MHz] | Result [dBm/MHz] | Limit [dBm/MHz] or [dBm/500kHz] | Verdict |
|------------|------|--------------|----------------|---------------------|------------------|---------------------------------|---------|
| 11A        | Ant1 | 5180         | 7.74           | 0.49                | 8.23             | ≤11.00                          | PASS    |
| 11A        | Ant1 | 5220         | 8.04           | 0.49                | 8.53             | ≤11.00                          | PASS    |
| 11A        | Ant1 | 5240         | 8.4            | 0.49                | 8.89             | ≤11.00                          | PASS    |
| 11A        | Ant1 | 5260         | 8.15           | 0.49                | 8.64             | ≤11.00                          | PASS    |
| 11A        | Ant1 | 5300         | 7.89           | 0.49                | 8.38             | ≤11.00                          | PASS    |
| 11A        | Ant1 | 5320         | 7.81           | 0.49                | 8.30             | ≤11.00                          | PASS    |
| 11A        | Ant1 | 5500         | 4.95           | 0.49                | 5.44             | ≤11.00                          | PASS    |
| 11A        | Ant1 | 5580         | 2.63           | 0.49                | 3.12             | ≤11.00                          | PASS    |
| 11A        | Ant1 | 5700         | 2.97           | 0.49                | 3.46             | ≤11.00                          | PASS    |
| 11A        | Ant1 | 5720 UNII-2C | 3.34           | 0.49                | 3.83             | ≤11.00                          | PASS    |
| 11A        | Ant1 | 5720 UNII-3  | -2.28          | 0.49                | 0.43             | ≤30.00                          | PASS    |
| 11A        | Ant1 | 5745         | 1.79           | 0.49                | 4.50             | ≤30.00                          | PASS    |
| 11A        | Ant1 | 5785         | 1.87           | 0.49                | 4.58             | ≤30.00                          | PASS    |
| 11A        | Ant1 | 5825         | 1.69           | 0.49                | 4.40             | ≤30.00                          | PASS    |
| 11N20SISO  | Ant1 | 5180         | 8.04           | 0.13                | 8.17             | ≤11.00                          | PASS    |
| 11N20SISO  | Ant1 | 5220         | 8.27           | 0.13                | 8.40             | ≤11.00                          | PASS    |
| 11N20SISO  | Ant1 | 5240         | 8.06           | 0.13                | 8.19             | ≤11.00                          | PASS    |
| 11N20SISO  | Ant1 | 5260         | 3.74           | 0.13                | 3.87             | ≤11.00                          | PASS    |
| 11N20SISO  | Ant1 | 5300         | 3.6            | 0.13                | 3.73             | ≤11.00                          | PASS    |
| 11N20SISO  | Ant1 | 5320         | 3.63           | 0.13                | 3.76             | ≤11.00                          | PASS    |
| 11N20SISO  | Ant1 | 5500         | 8.46           | 0.13                | 8.59             | ≤11.00                          | PASS    |
| 11N20SISO  | Ant1 | 5580         | 5.97           | 0.13                | 6.10             | ≤11.00                          | PASS    |
| 11N20SISO  | Ant1 | 5700         | 6.26           | 0.13                | 6.39             | ≤11.00                          | PASS    |
| 11N20SISO  | Ant1 | 5720 UNII-2C | 6.54           | 0.13                | 6.67             | ≤11.00                          | PASS    |
| 11N20SISO  | Ant1 | 5720 UNII-3  | 1.46           | 0.13                | 3.81             | ≤30.00                          | PASS    |
| 11N20SISO  | Ant1 | 5745         | 1.28           | 0.13                | 3.63             | ≤30.00                          | PASS    |
| 11N20SISO  | Ant1 | 5785         | 1.37           | 0.13                | 3.72             | ≤30.00                          | PASS    |
| 11N20SISO  | Ant1 | 5825         | 1.43           | 0.13                | 3.78             | ≤30.00                          | PASS    |
| 11N40SISO  | Ant1 | 5190         | 4.43           | 0.21                | 4.64             | ≤11.00                          | PASS    |
| 11N40SISO  | Ant1 | 5230         | 4.99           | 0.21                | 5.20             | ≤11.00                          | PASS    |
| 11N40SISO  | Ant1 | 5270         | 4.43           | 0.21                | 4.64             | ≤11.00                          | PASS    |
| 11N40SISO  | Ant1 | 5310         | 4.45           | 0.21                | 4.66             | ≤11.00                          | PASS    |
| 11N40SISO  | Ant1 | 5510         | 1.83           | 0.21                | 2.04             | ≤11.00                          | PASS    |
| 11N40SISO  | Ant1 | 5550         | 1.74           | 0.21                | 1.95             | ≤11.00                          | PASS    |
| 11N40SISO  | Ant1 | 5670         | -0.43          | 0.21                | -0.22            | ≤11.00                          | PASS    |
| 11N40SISO  | Ant1 | 5710 UNII-2C | -0.19          | 0.21                | 0.02             | ≤11.00                          | PASS    |
| 11N40SISO  | Ant1 | 5710 UNII-3  | -5.48          | 0.21                | -3.05            | ≤30.00                          | PASS    |
| 11N40SISO  | Ant1 | 5755         | -1.54          | 0.21                | 0.89             | ≤30.00                          | PASS    |
| 11N40SISO  | Ant1 | 5795         | -1.52          | 0.21                | 0.91             | ≤30.00                          | PASS    |
| 11AC20SISO | Ant1 | 5180         | 7.78           | 0.17                | 7.95             | ≤11.00                          | PASS    |
| 11AC20SISO | Ant1 | 5220         | 7.91           | 0.17                | 8.08             | ≤11.00                          | PASS    |
| 11AC20SISO | Ant1 | 5240         | 8.05           | 0.17                | 8.22             | ≤11.00                          | PASS    |
| 11AC20SISO | Ant1 | 5260         | 3.55           | 0.17                | 3.72             | ≤11.00                          | PASS    |
| 11AC20SISO | Ant1 | 5300         | 3.56           | 0.17                | 3.73             | ≤11.00                          | PASS    |
| 11AC20SISO | Ant1 | 5320         | 4              | 0.17                | 4.17             | ≤11.00                          | PASS    |
| 11AC20SISO | Ant1 | 5500         | 8.24           | 0.17                | 8.41             | ≤11.00                          | PASS    |
| 11AC20SISO | Ant1 | 5580         | 5.94           | 0.17                | 6.11             | ≤11.00                          | PASS    |
| 11AC20SISO | Ant1 | 5700         | 6.28           | 0.17                | 6.45             | ≤11.00                          | PASS    |
| 11AC20SISO | Ant1 | 5720 UNII-2C | 6.64           | 0.17                | 6.81             | ≤11.00                          | PASS    |
| 11AC20SISO | Ant1 | 5720 UNII-3  | 1.67           | 0.17                | 4.06             | ≤30.00                          | PASS    |
| 11AC20SISO | Ant1 | 5745         | 1.22           | 0.17                | 3.61             | ≤30.00                          | PASS    |
| 11AC20SISO | Ant1 | 5785         | 1.52           | 0.17                | 3.91             | ≤30.00                          | PASS    |
| 11AC20SISO | Ant1 | 5825         | 1.29           | 0.17                | 3.68             | ≤30.00                          | PASS    |
| 11AC40SISO | Ant1 | 5190         | 4.81           | 0.11                | 4.92             | ≤11.00                          | PASS    |
| 11AC40SISO | Ant1 | 5230         | 5.02           | 0.11                | 5.13             | ≤11.00                          | PASS    |
| 11AC40SISO | Ant1 | 5270         | 4.57           | 0.11                | 4.68             | ≤11.00                          | PASS    |
| 11AC40SISO | Ant1 | 5310         | 4.32           | 0.11                | 4.43             | ≤11.00                          | PASS    |

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Address: 16/F, Block A, Building 6th, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

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|            |      |              |       |      |       |        |      |
|------------|------|--------------|-------|------|-------|--------|------|
| 11AC40SISO | Ant1 | 5510         | 1.53  | 0.11 | 1.64  | ≤11.00 | PASS |
| 11AC40SISO | Ant1 | 5550         | 1.79  | 0.11 | 1.90  | ≤11.00 | PASS |
| 11AC40SISO | Ant1 | 5670         | -0.71 | 0.11 | -0.60 | ≤11.00 | PASS |
| 11AC40SISO | Ant1 | 5710 UNII-2C | -0.23 | 0.11 | -0.12 | ≤11.00 | PASS |
| 11AC40SISO | Ant1 | 5710 UNII-3  | -5.28 | 0.11 | -2.95 | ≤30.00 | PASS |
| 11AC40SISO | Ant1 | 5755         | -1.6  | 0.11 | 0.73  | ≤30.00 | PASS |
| 11AC40SISO | Ant1 | 5795         | -1.81 | 0.11 | 0.52  | ≤30.00 | PASS |
| 11AX20SISO | Ant1 | 5180         | 7.48  | 0.18 | 7.66  | ≤11.00 | PASS |
| 11AX20SISO | Ant1 | 5220         | 7.41  | 0.18 | 7.59  | ≤11.00 | PASS |
| 11AX20SISO | Ant1 | 5240         | 7.72  | 0.18 | 7.90  | ≤11.00 | PASS |
| 11AX20SISO | Ant1 | 5260         | 7.24  | 0.18 | 7.42  | ≤11.00 | PASS |
| 11AX20SISO | Ant1 | 5300         | 6.93  | 0.18 | 7.11  | ≤11.00 | PASS |
| 11AX20SISO | Ant1 | 5320         | 7.29  | 0.18 | 7.47  | ≤11.00 | PASS |
| 11AX20SISO | Ant1 | 5500         | 8.19  | 0.18 | 8.37  | ≤11.00 | PASS |
| 11AX20SISO | Ant1 | 5580         | 5.73  | 0.18 | 5.91  | ≤11.00 | PASS |
| 11AX20SISO | Ant1 | 5700         | 6.07  | 0.18 | 6.25  | ≤11.00 | PASS |
| 11AX20SISO | Ant1 | 5720 UNII-2C | 6.28  | 0.18 | 6.46  | ≤11.00 | PASS |
| 11AX20SISO | Ant1 | 5720 UNII-3  | 1.06  | 0.18 | 3.46  | ≤30.00 | PASS |
| 11AX20SISO | Ant1 | 5745         | 1.12  | 0.18 | 3.52  | ≤30.00 | PASS |
| 11AX20SISO | Ant1 | 5785         | 1.29  | 0.18 | 3.69  | ≤30.00 | PASS |
| 11AX20SISO | Ant1 | 5825         | 1.17  | 0.18 | 3.57  | ≤30.00 | PASS |
| 11AX40SISO | Ant1 | 5190         | 4.95  | 0.26 | 5.21  | ≤11.00 | PASS |
| 11AX40SISO | Ant1 | 5230         | 4.85  | 0.26 | 5.11  | ≤11.00 | PASS |
| 11AX40SISO | Ant1 | 5270         | 4.48  | 0.26 | 4.74  | ≤11.00 | PASS |
| 11AX40SISO | Ant1 | 5310         | 4.16  | 0.26 | 4.42  | ≤11.00 | PASS |
| 11AX40SISO | Ant1 | 5510         | 5.17  | 0.26 | 5.43  | ≤11.00 | PASS |
| 11AX40SISO | Ant1 | 5550         | 4.96  | 0.26 | 5.22  | ≤11.00 | PASS |
| 11AX40SISO | Ant1 | 5670         | 2.89  | 0.26 | 3.15  | ≤11.00 | PASS |
| 11AX40SISO | Ant1 | 5710 UNII-2C | 3.45  | 0.26 | 3.71  | ≤11.00 | PASS |
| 11AX40SISO | Ant1 | 5710 UNII-3  | -1.62 | 0.26 | 0.86  | ≤30.00 | PASS |
| 11AX40SISO | Ant1 | 5755         | -1.54 | 0.26 | 0.94  | ≤30.00 | PASS |
| 11AX40SISO | Ant1 | 5795         | -1.62 | 0.26 | 0.86  | ≤30.00 | PASS |

**Note:**

1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.850 GHz.
2. The Result for the band 5.725-5.850 GHz include the RBW Factor
3. RBW Factor=  $10 \log (500 \text{ kHz}/\text{RBW})$  Note: See 789033 D02 General U-NII Test Procedures New Rules v02r01 F.5.C

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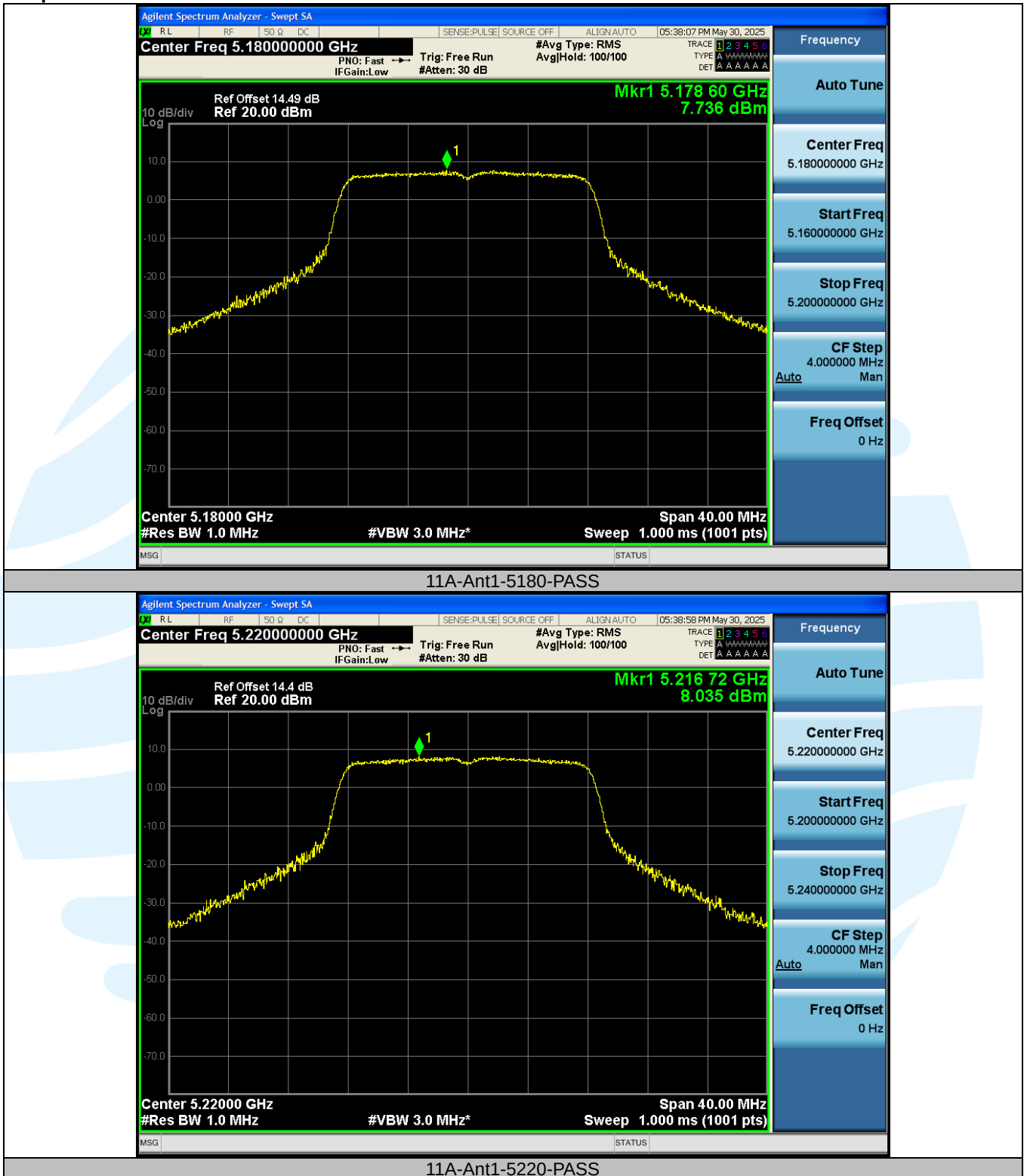
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Fax: +86-755-28230886

E-mail: [info@uttlab.com](mailto:info@uttlab.com)
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## Test Graphs



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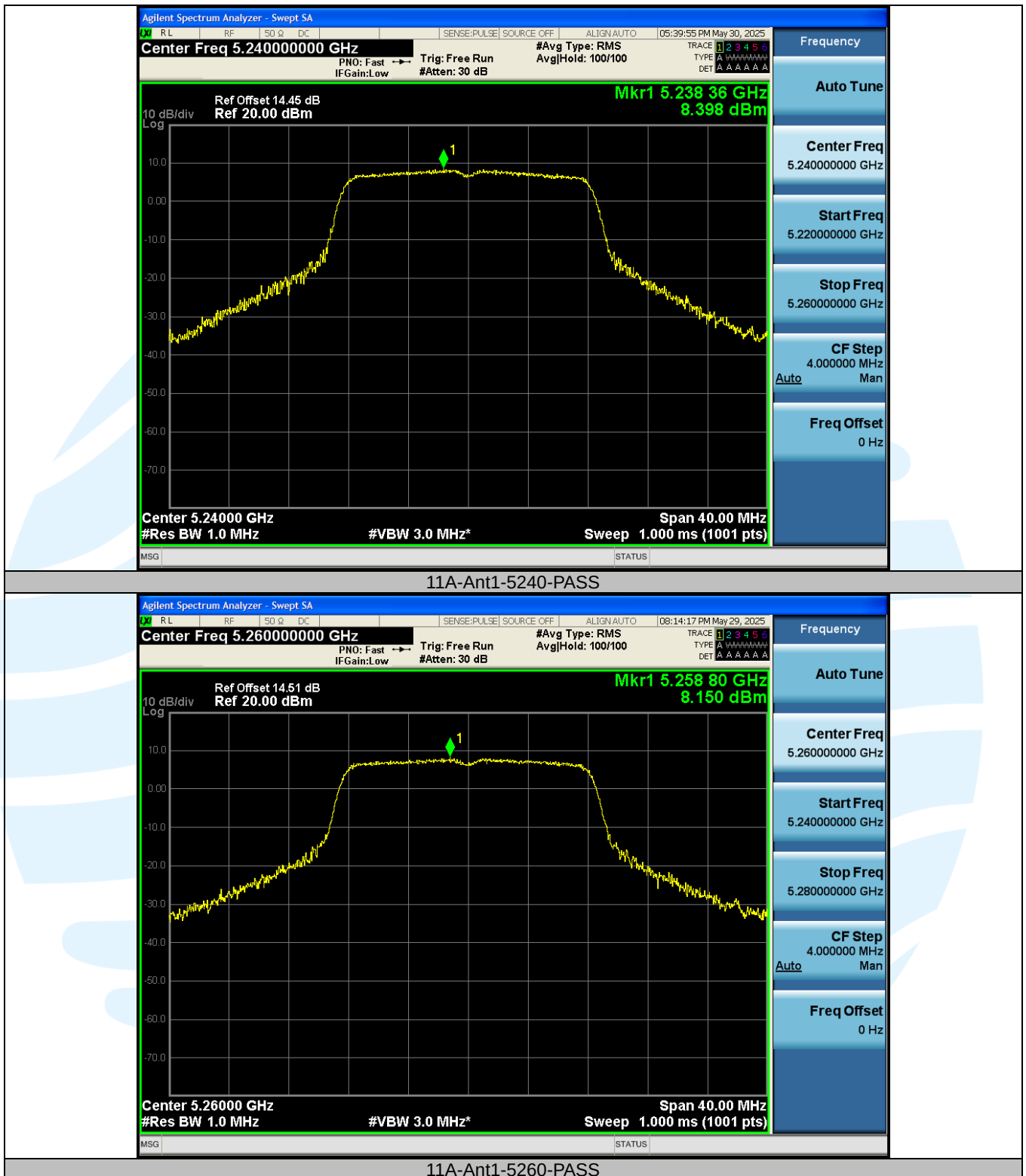
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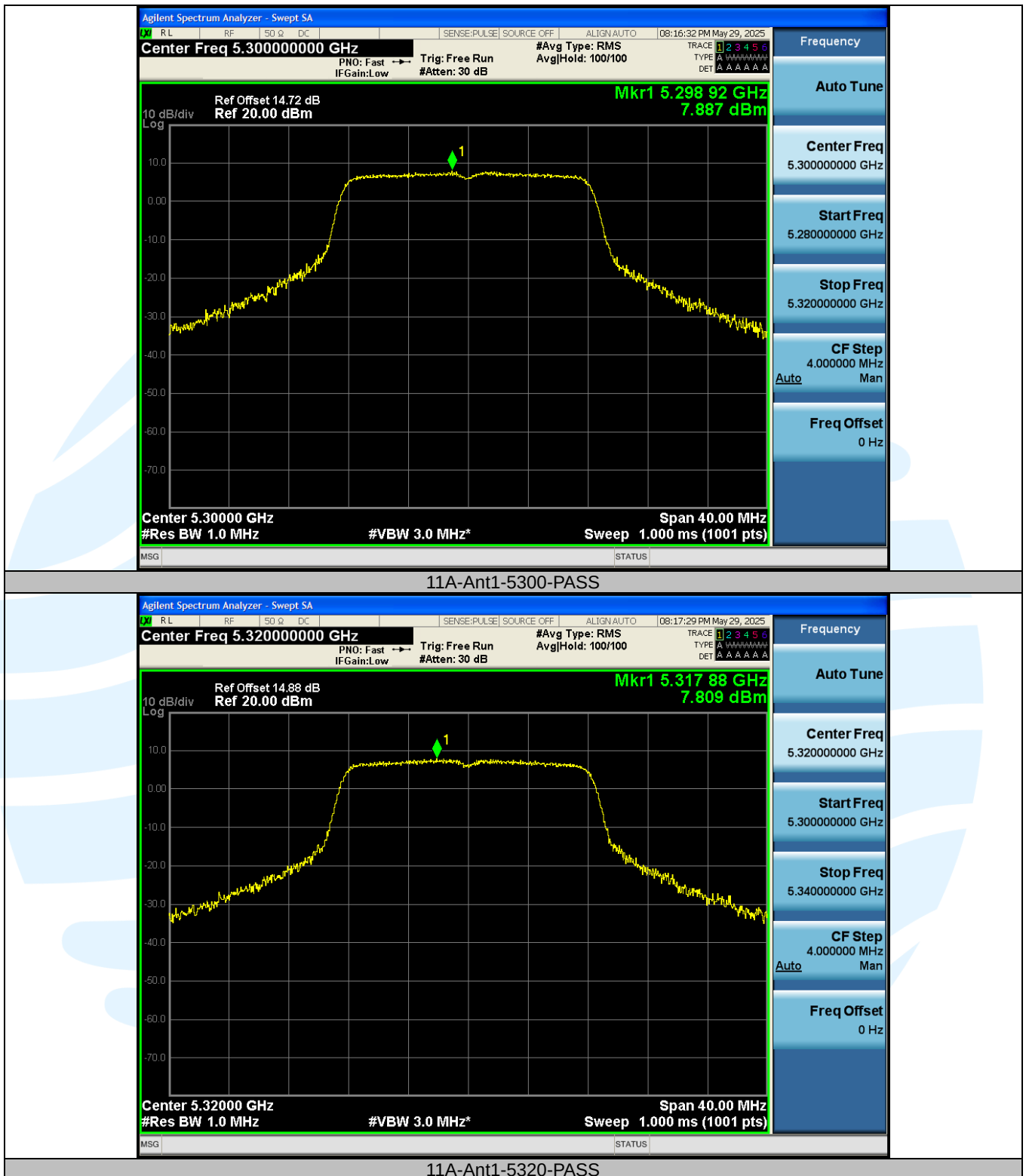
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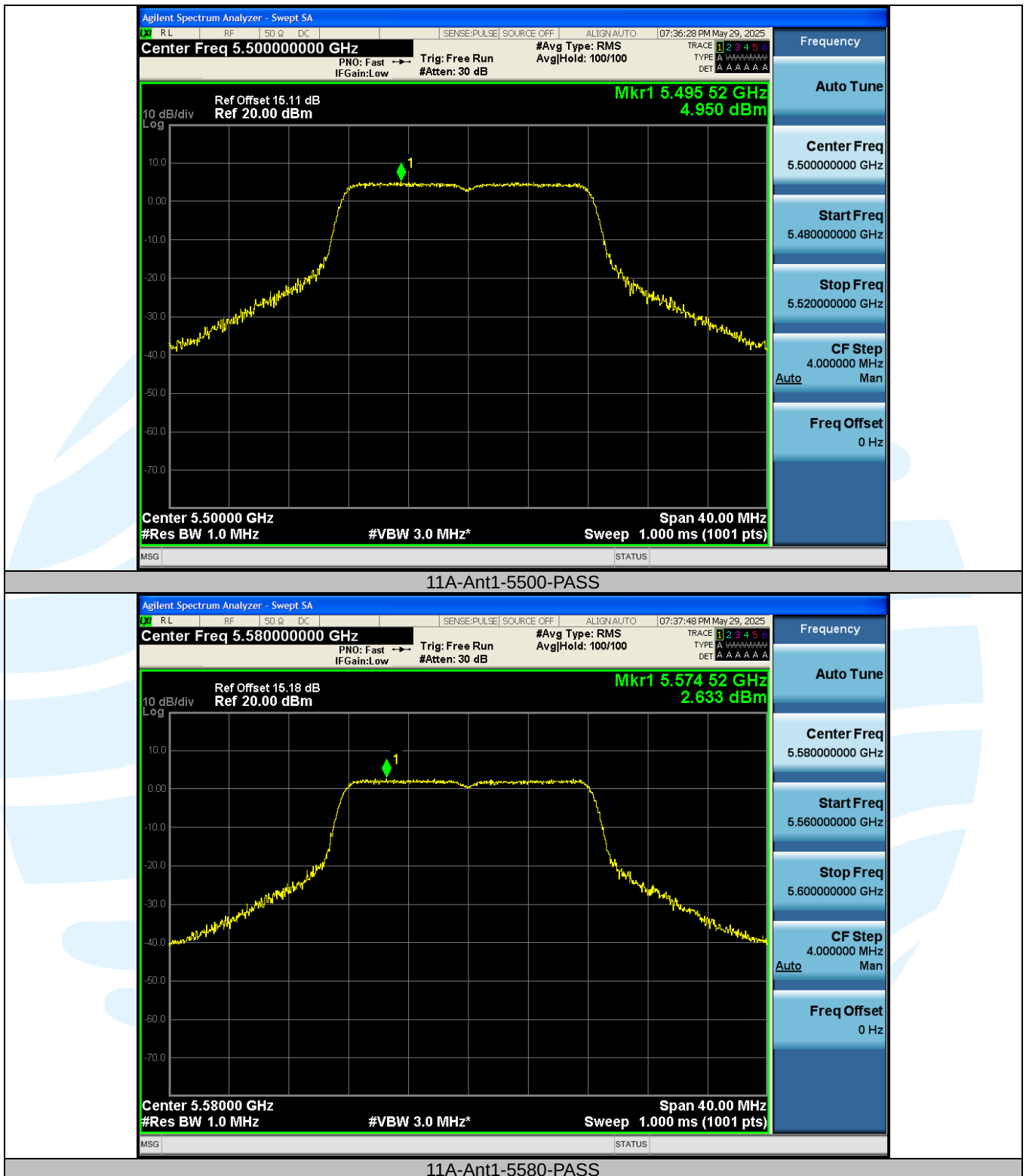
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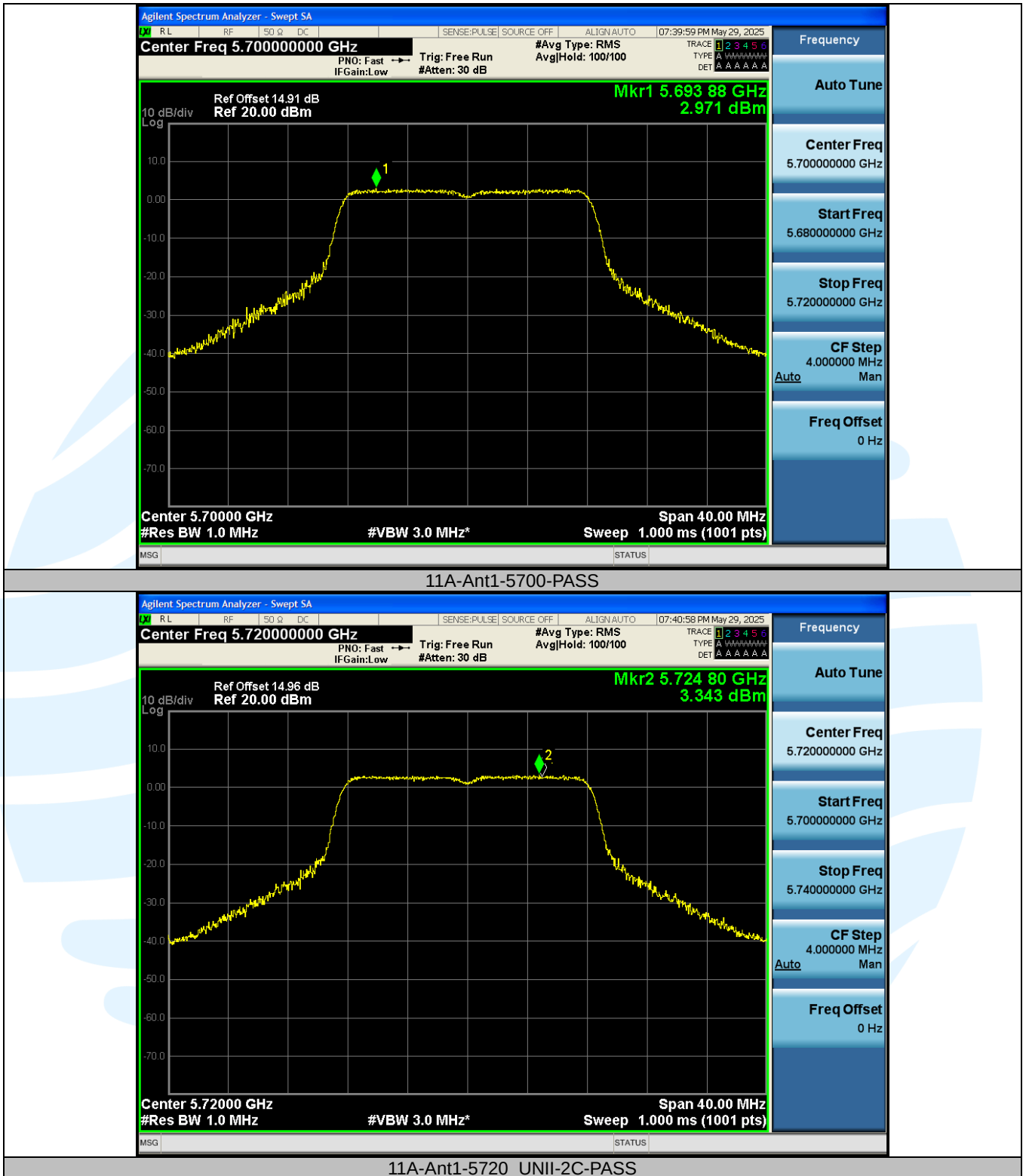
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Fax: +86-755-28230886

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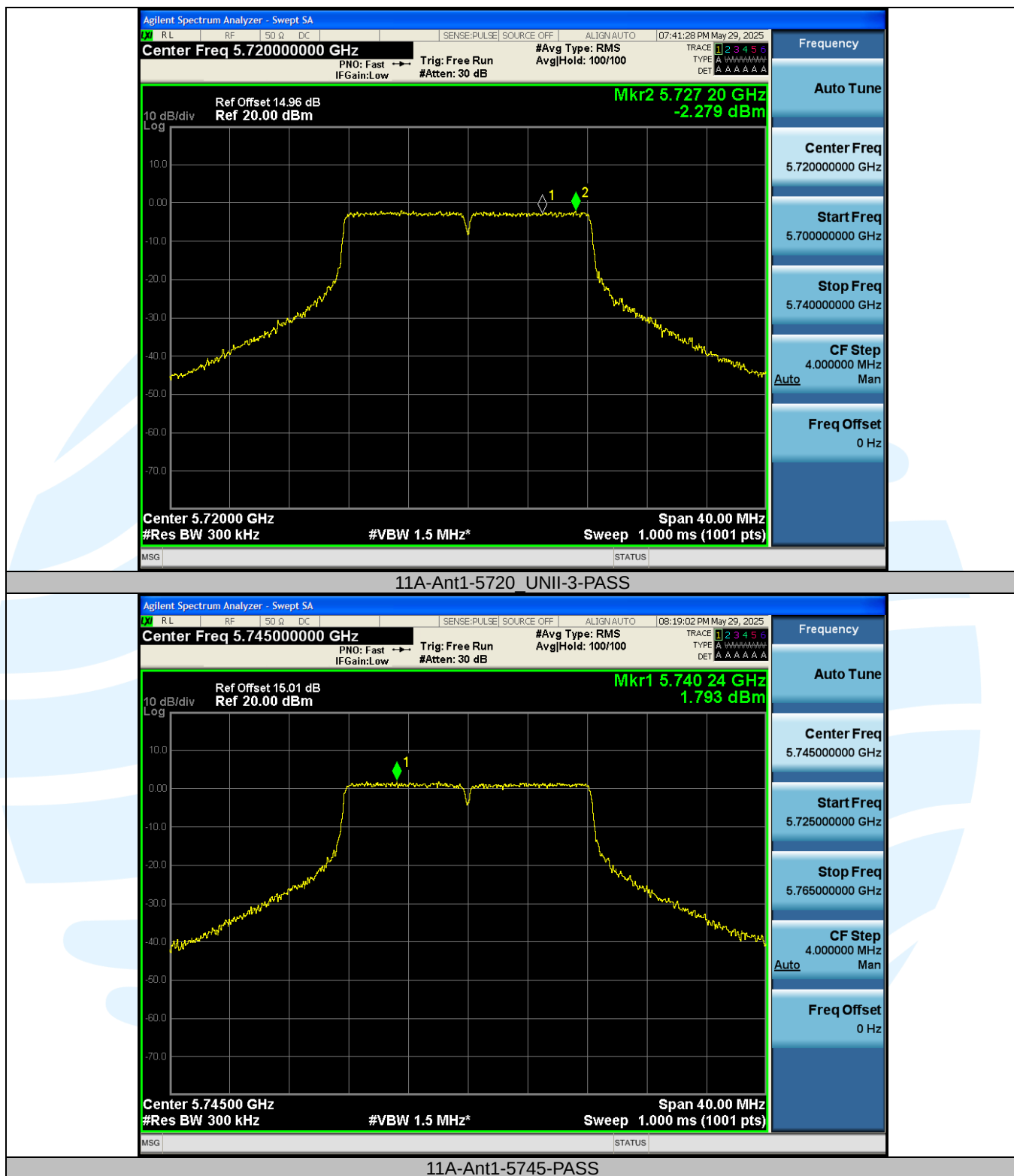
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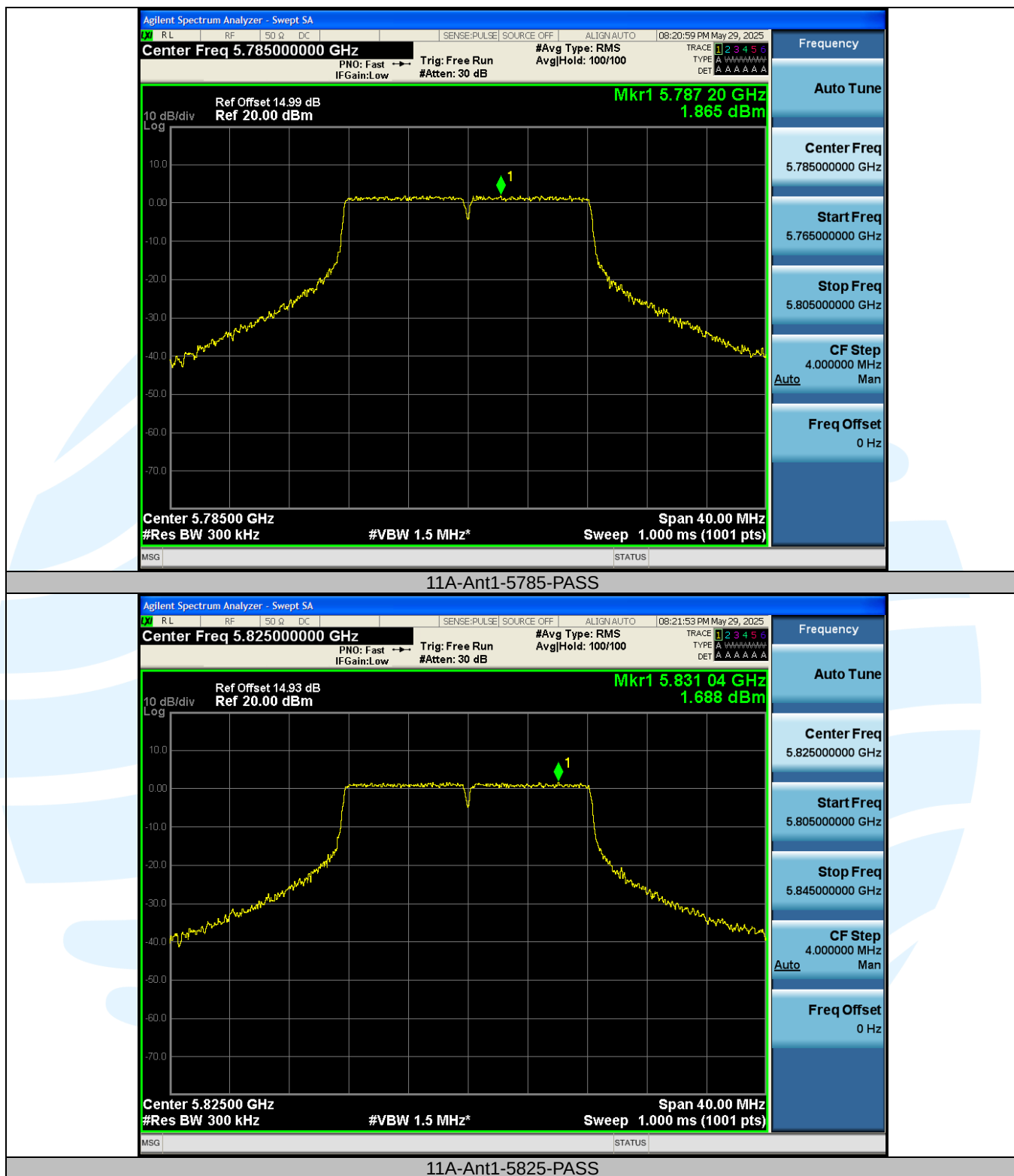
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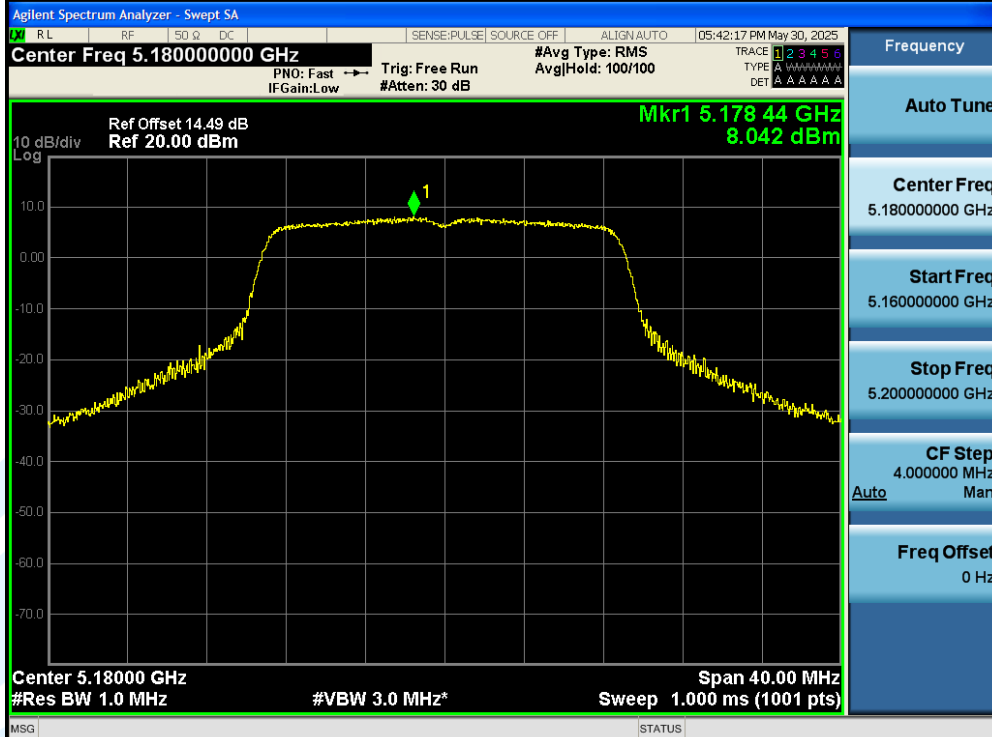
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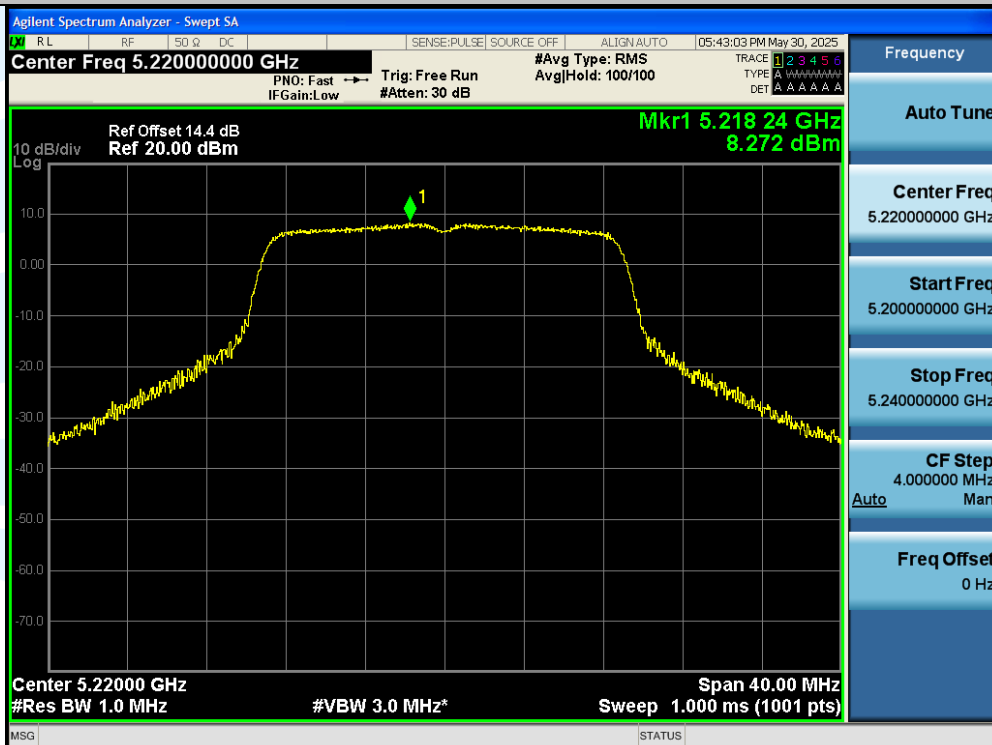
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11N20SISO-Ant1-5180-PASS



11N20SISO-Ant1-5220-PASS

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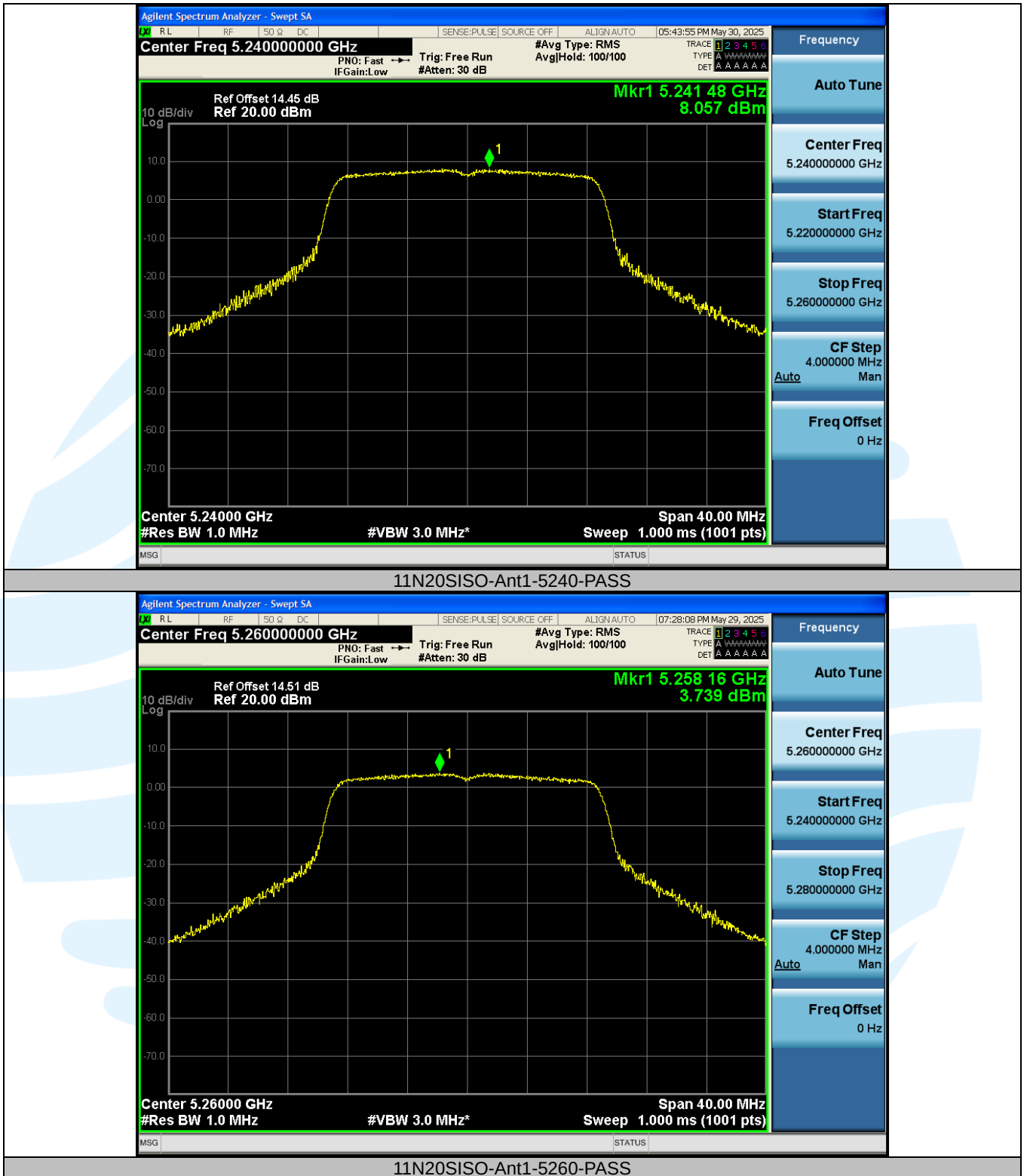
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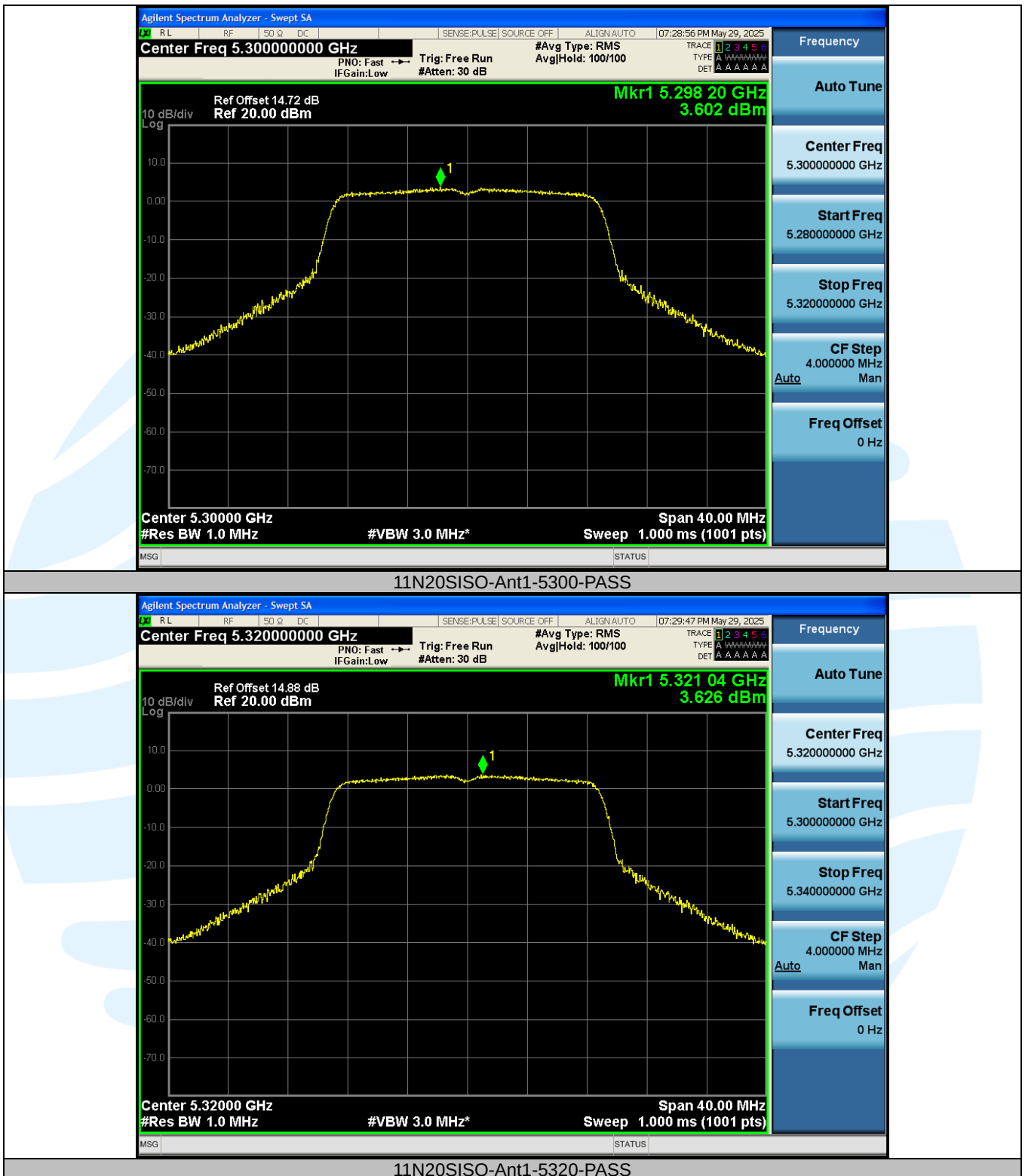
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