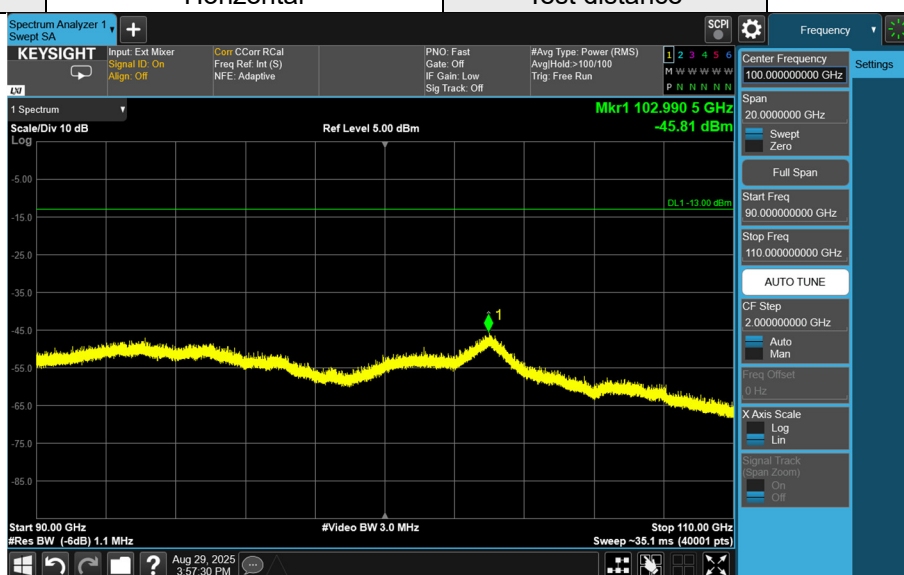


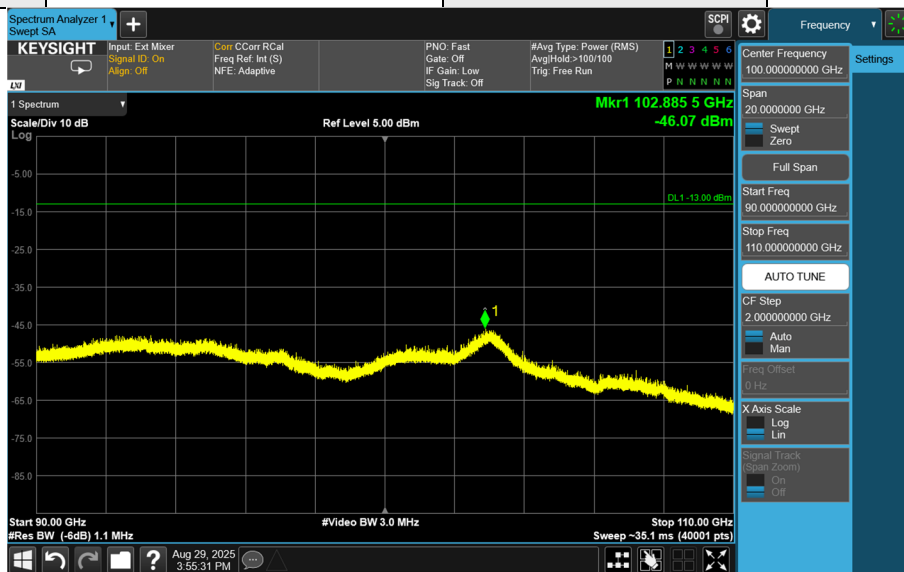
|                        |                                             |                                 |                                                    |
|------------------------|---------------------------------------------|---------------------------------|----------------------------------------------------|
| <b>RF Mode</b>         | n261 BW: 100 MHz +<br>LTE Band 2 BW: 20 MHz | <b>Channel</b>                  | CH 2071821 : 27559.32 MHz +<br>CH 18900 : 1880 MHz |
| <b>Frequency Range</b> | 90 GHz ~ 110 GHz                            | <b>Environmental Conditions</b> | 22 °C, 68% RH                                      |
| <b>Input Power</b>     | 120 Vac, 60 Hz                              | <b>Tested By</b>                | Wade Huang                                         |

|            | Frequency (GHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Raw Value (dBm) | Correction Factor (dB/m) |
|------------|-----------------|------------|-------------|-------------|---------------------|----------------------|-----------------|--------------------------|
| Horizontal | 102.9905        | -45.81     | -13.00      | -32.81      | 172                 | 323                  | -63.99          | 18.18                    |
| Vertical   | 102.8855        | -46.07     | -13.00      | -33.07      | 100                 | 8                    | -64.25          | 18.18                    |

|                  |            |               |     |
|------------------|------------|---------------|-----|
| Antenna polarity | Horizontal | Test distance | 1 m |
|------------------|------------|---------------|-----|



|                  |          |               |     |
|------------------|----------|---------------|-----|
| Antenna polarity | Vertical | Test distance | 1 m |
|------------------|----------|---------------|-----|



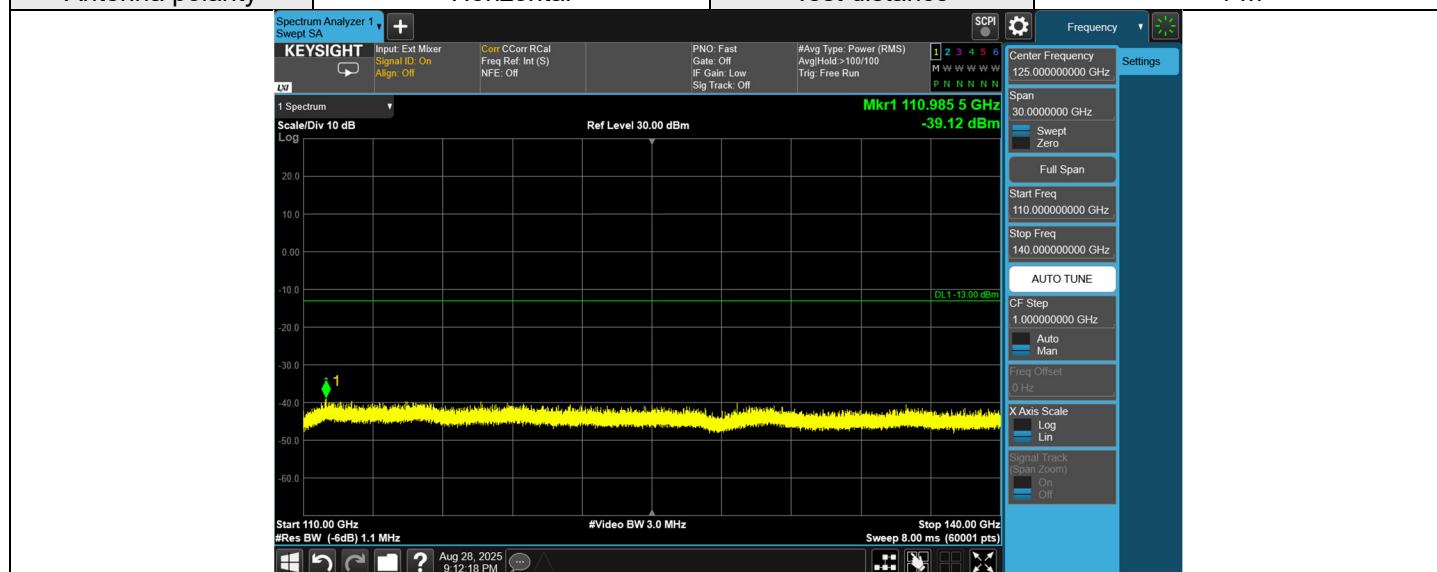
Note:

1. The test results already include the correction factor (corrections: On).
2.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m) + Harmonic\ Mixer\ Conversion\ Loss\ (dB)$ .
3.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$ .

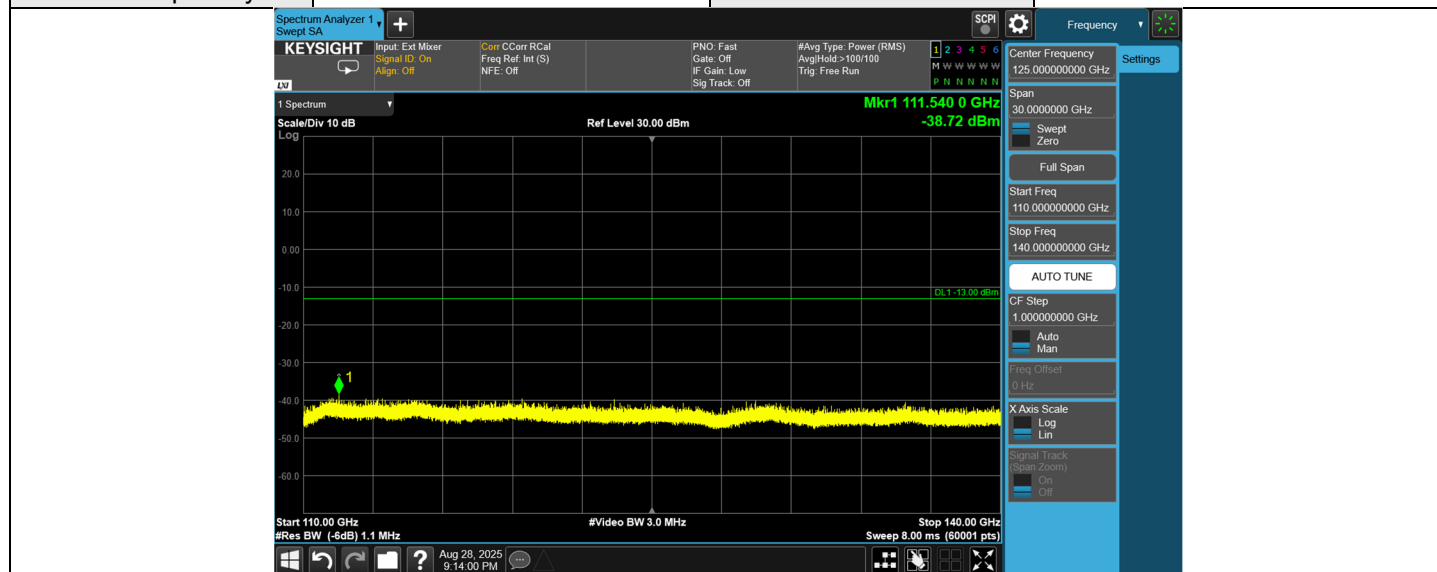
|                        |                                             |                                 |                                                    |
|------------------------|---------------------------------------------|---------------------------------|----------------------------------------------------|
| <b>RF Mode</b>         | n261 BW: 100 MHz +<br>LTE Band 2 BW: 20 MHz | <b>Channel</b>                  | CH 2071821 : 27559.32 MHz +<br>CH 18900 : 1880 MHz |
| <b>Frequency Range</b> | 110 GHz ~ 140 GHz                           | <b>Environmental Conditions</b> | 22 °C, 68% RH                                      |
| <b>Input Power</b>     | 120 Vac, 60 Hz                              | <b>Tested By</b>                | Wade Huang                                         |

|            | Frequency (GHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Raw Value (dBm) | Correction Factor (dB/m) |
|------------|-----------------|------------|-------------|-------------|---------------------|----------------------|-----------------|--------------------------|
| Horizontal | 110.9855        | -39.12     | -13.00      | -26.12      | 163                 | 325                  | -68.16          | 29.04                    |
| Vertical   | 111.5400        | -38.72     | -13.00      | -25.72      | 154                 | 24                   | -67.76          | 29.04                    |

|                  |            |               |     |
|------------------|------------|---------------|-----|
| Antenna polarity | Horizontal | Test distance | 1 m |
|------------------|------------|---------------|-----|



|                  |          |               |     |
|------------------|----------|---------------|-----|
| Antenna polarity | Vertical | Test distance | 1 m |
|------------------|----------|---------------|-----|



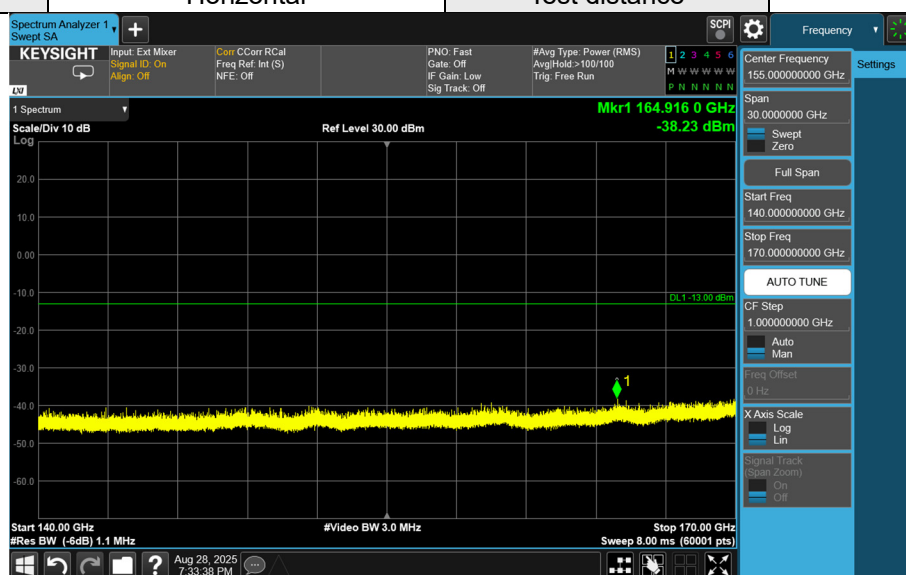
Note:

1. The test results already include the correction factor (corrections: On).
2.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m) + Harmonic\ Mixer\ Conversion\ Loss\ (dB)$ .
3.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$ .

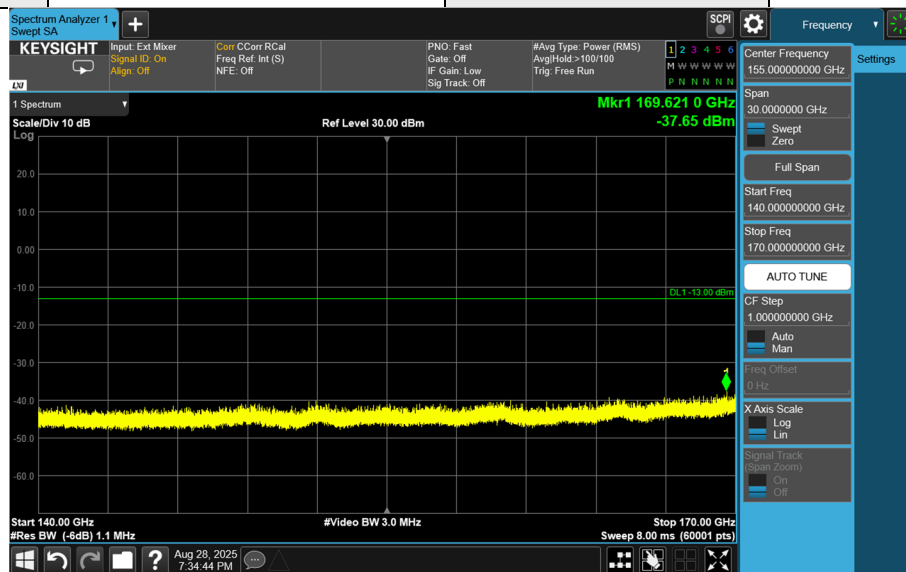
|                        |                                             |                                 |                                                    |
|------------------------|---------------------------------------------|---------------------------------|----------------------------------------------------|
| <b>RF Mode</b>         | n261 BW: 100 MHz +<br>LTE Band 2 BW: 20 MHz | <b>Channel</b>                  | CH 2071821 : 27559.32 MHz +<br>CH 18900 : 1880 MHz |
| <b>Frequency Range</b> | 140 GHz ~ 170 GHz                           | <b>Environmental Conditions</b> | 22 °C, 68% RH                                      |
| <b>Input Power</b>     | 120 Vac, 60 Hz                              | <b>Tested By</b>                | Wade Huang                                         |

|            | Frequency (GHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Raw Value (dBm) | Correction Factor (dB/m) |
|------------|-----------------|------------|-------------|-------------|---------------------|----------------------|-----------------|--------------------------|
| Horizontal | 164.9160        | -38.23     | -13.00      | -25.23      | 148                 | 282                  | -70.31          | 32.08                    |
| Vertical   | 169.6210        | -37.65     | -13.00      | -24.65      | 100                 | 344                  | -70.88          | 33.23                    |

|                  |            |               |     |
|------------------|------------|---------------|-----|
| Antenna polarity | Horizontal | Test distance | 1 m |
|------------------|------------|---------------|-----|



|                  |          |               |     |
|------------------|----------|---------------|-----|
| Antenna polarity | Vertical | Test distance | 1 m |
|------------------|----------|---------------|-----|



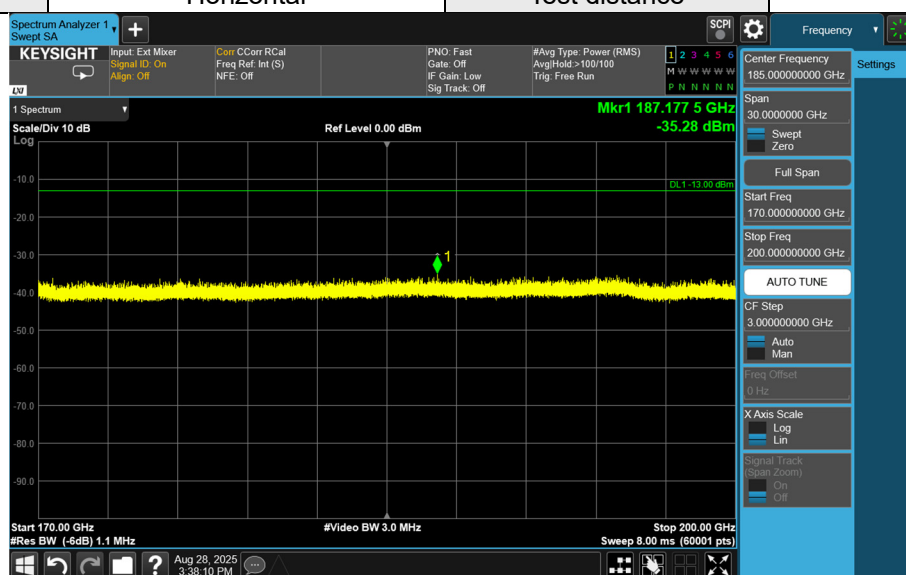
Note:

1. The test results already include the correction factor (corrections: On).
2.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m) + Harmonic\ Mixer\ Conversion\ Loss\ (dB)$ .
3.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$ .

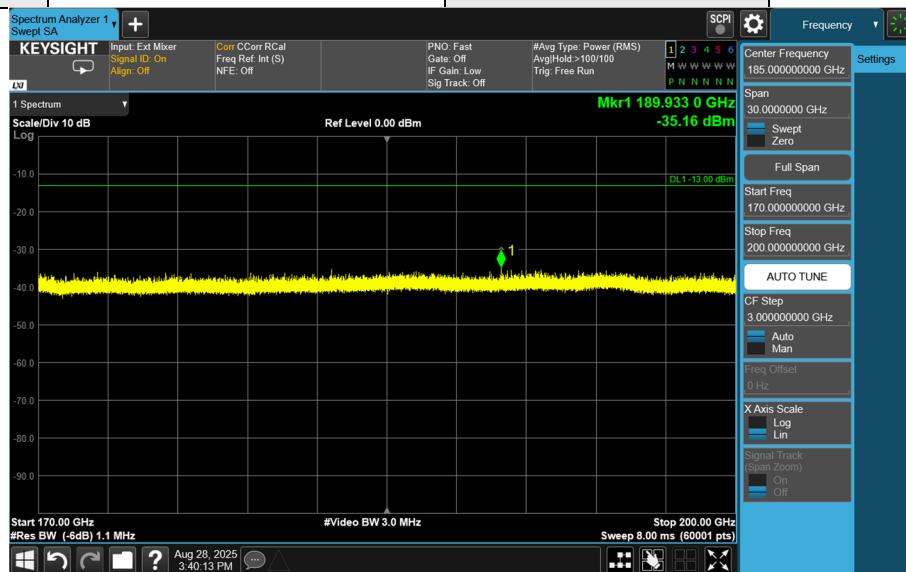
|                        |                                             |                                 |                                                    |
|------------------------|---------------------------------------------|---------------------------------|----------------------------------------------------|
| <b>RF Mode</b>         | n261 BW: 100 MHz +<br>LTE Band 2 BW: 20 MHz | <b>Channel</b>                  | CH 2071821 : 27559.32 MHz +<br>CH 18900 : 1880 MHz |
| <b>Frequency Range</b> | 170 GHz ~ 200 GHz                           | <b>Environmental Conditions</b> | 22 °C, 68% RH                                      |
| <b>Input Power</b>     | 120 Vac, 60 Hz                              | <b>Tested By</b>                | Wade Huang                                         |

|            | Frequency (GHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Raw Value (dBm) | Correction Factor (dB/m) |
|------------|-----------------|------------|-------------|-------------|---------------------|----------------------|-----------------|--------------------------|
| Horizontal | 187.1775        | -35.28     | -13.00      | -22.28      | 121                 | 267                  | -90.35          | 55.07                    |
| Vertical   | 189.9330        | -35.16     | -13.00      | -22.16      | 101                 | 5                    | -89.87          | 54.71                    |

|                  |            |               |     |
|------------------|------------|---------------|-----|
| Antenna polarity | Horizontal | Test distance | 1 m |
|------------------|------------|---------------|-----|



|                  |          |               |     |
|------------------|----------|---------------|-----|
| Antenna polarity | Vertical | Test distance | 1 m |
|------------------|----------|---------------|-----|



Note:

1. The test results already include the correction factor (corrections: On).
2.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m) + Harmonic\ Mixer\ Conversion\ Loss\ (dB)$ .
3.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$ .

## 8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

## 9 Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

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The address and road map of all our labs can be found in our web site also.

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