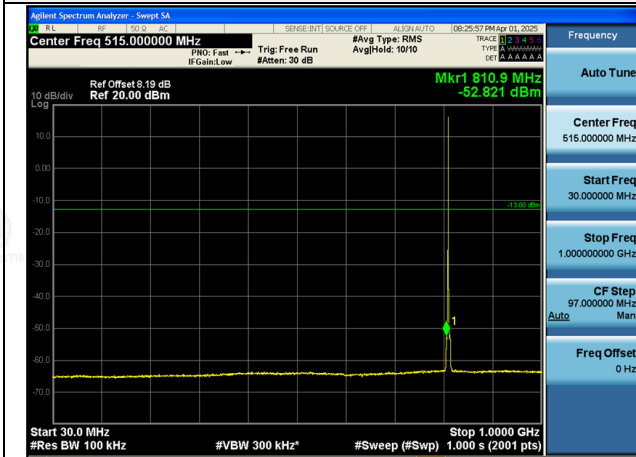


## Conducted Measurement:

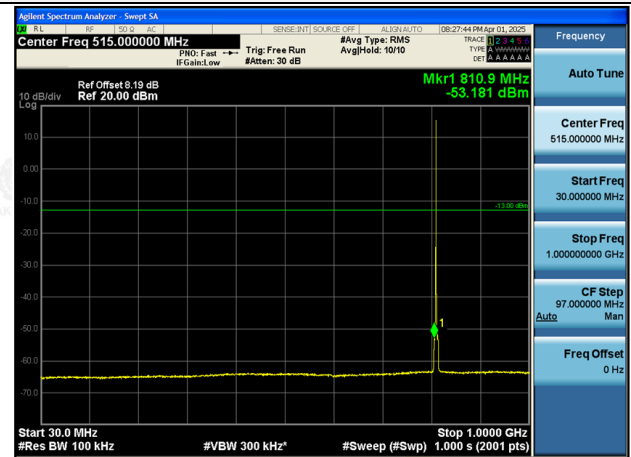
### LTE FDD Band 26-1.4MHz Channel Bandwidth

#### Low Channel

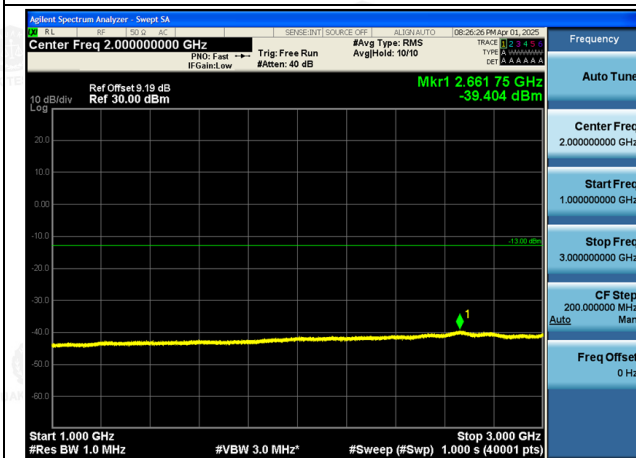
#### QPSK



#### 16QAM



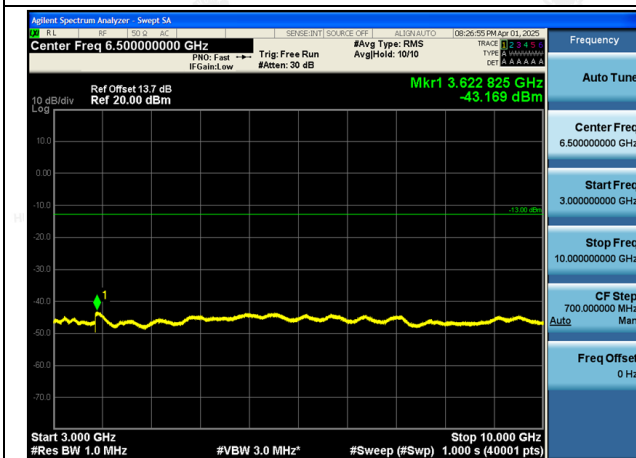
#### 30MHz~1GHz



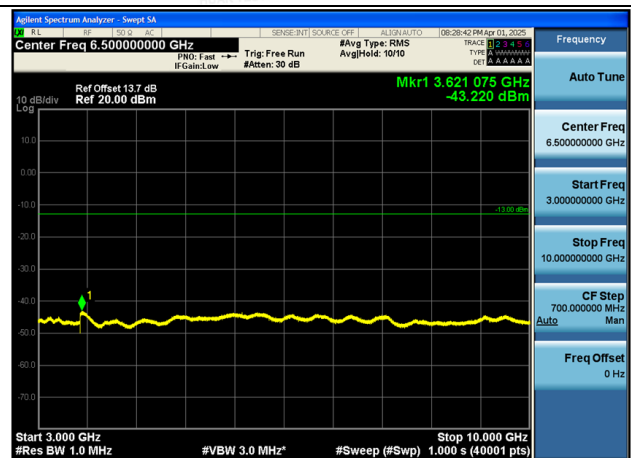
#### 30MHz~1GHz



#### 1GHz~3GHz



#### 1GHz~3GHz



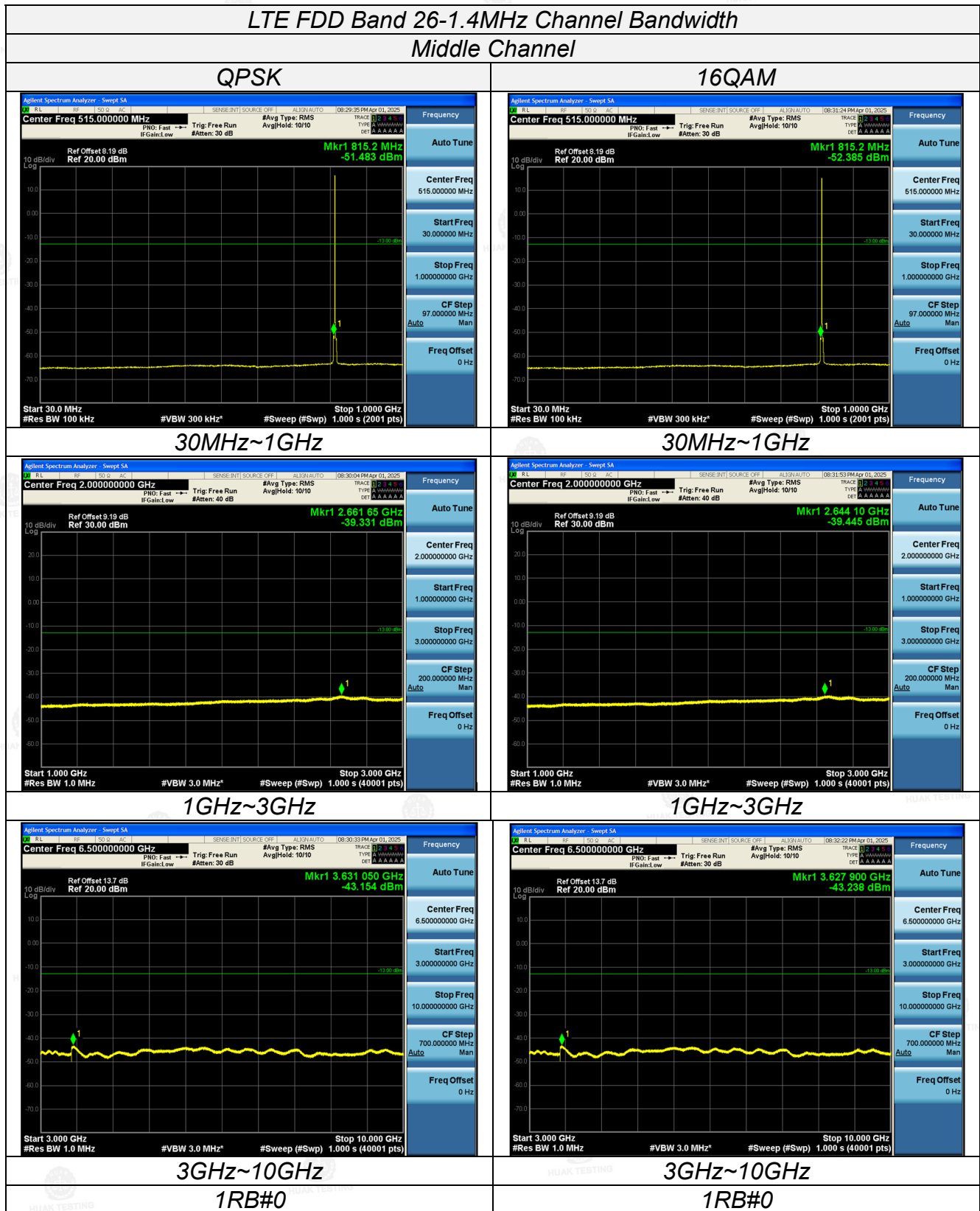
#### 3GHz~10GHz

#### 1RB#0

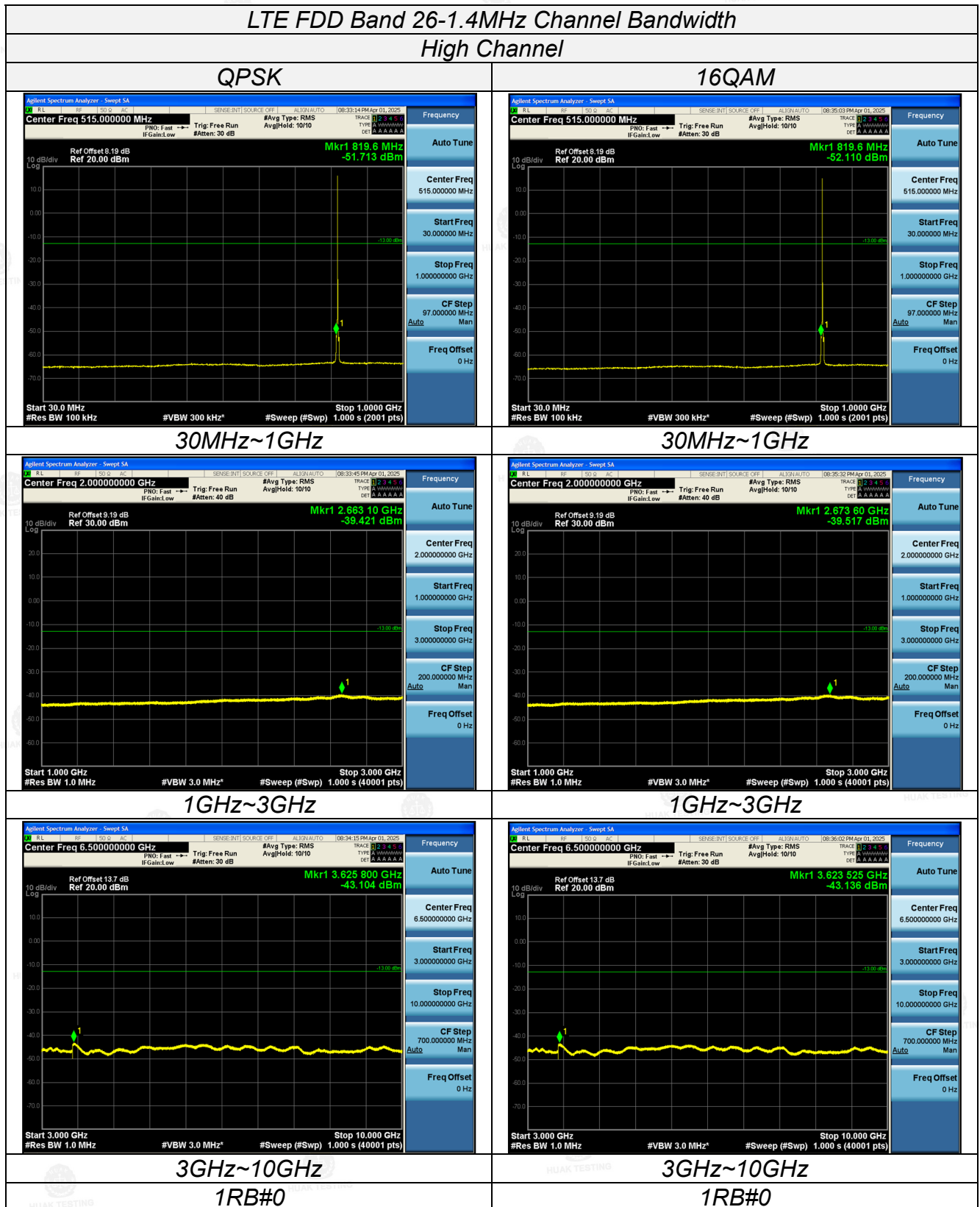
#### 3GHz~10GHz

#### 1RB#0

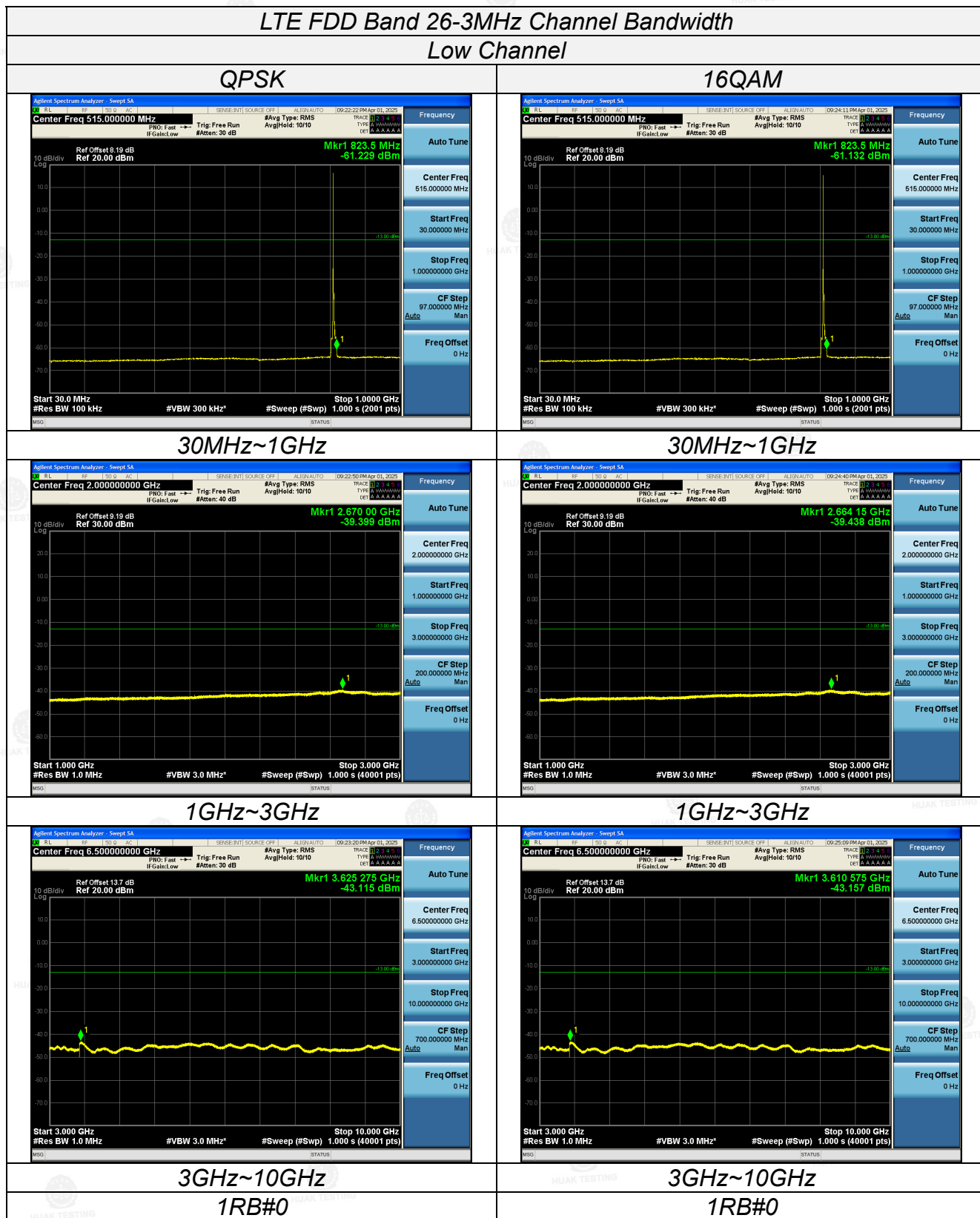
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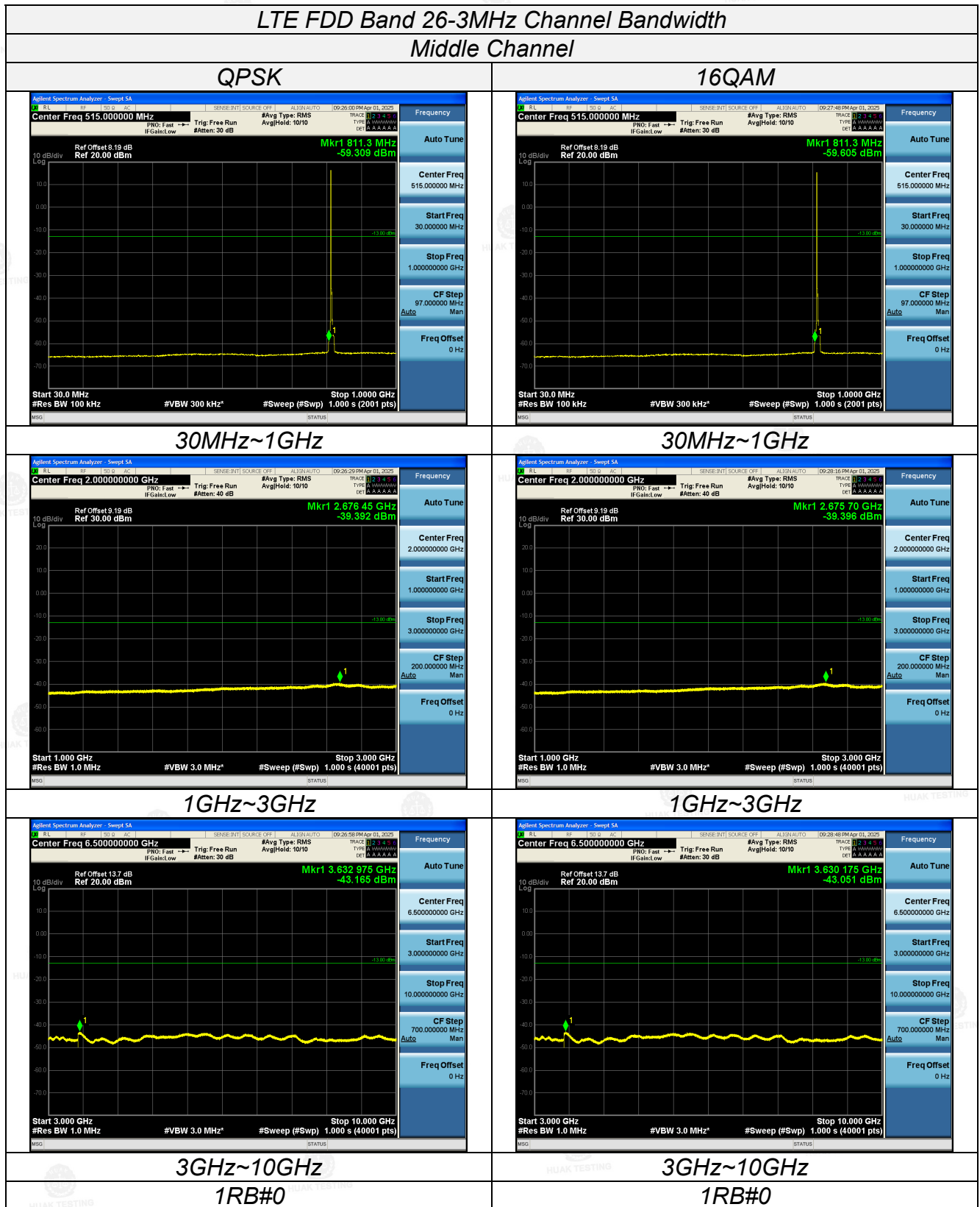


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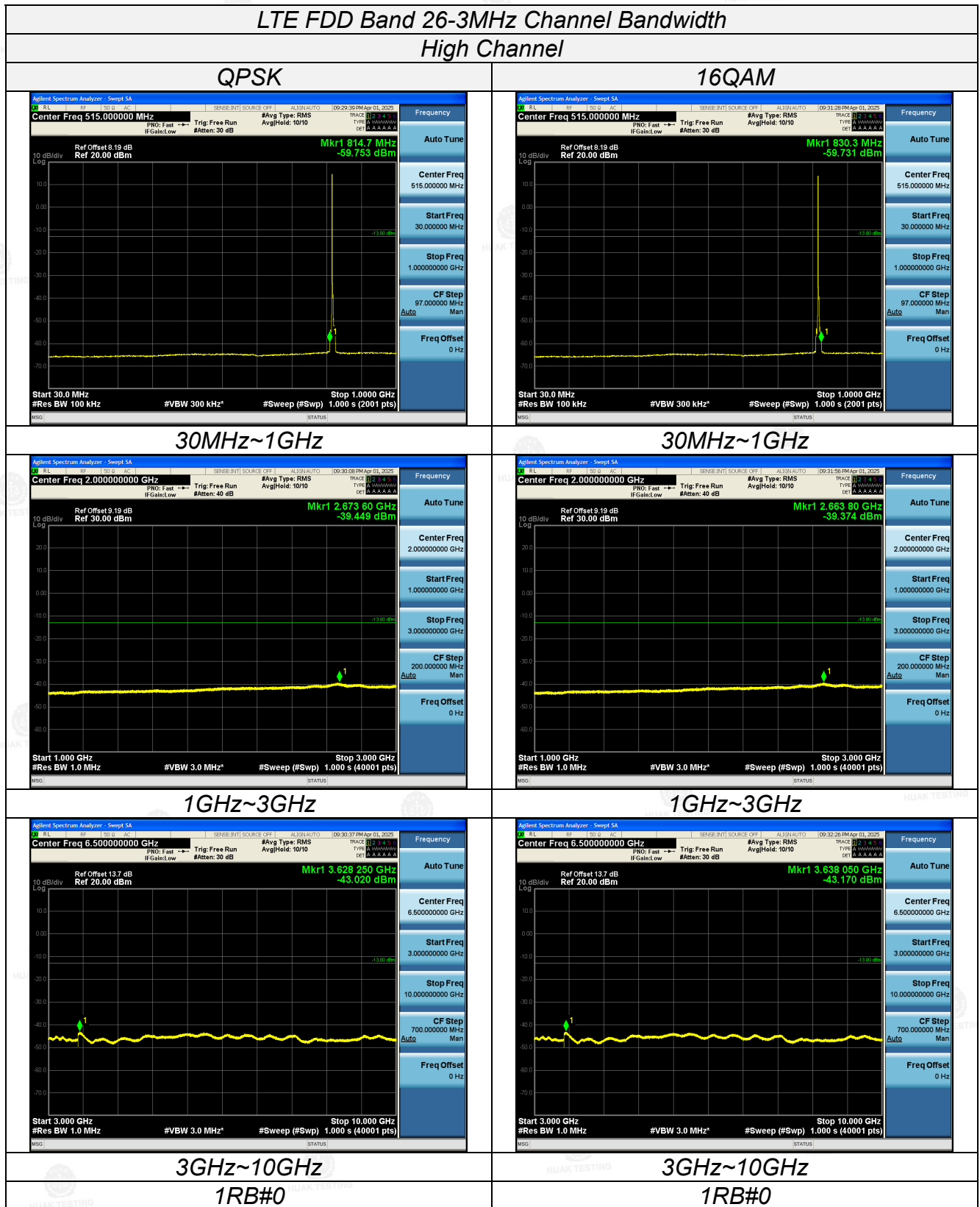


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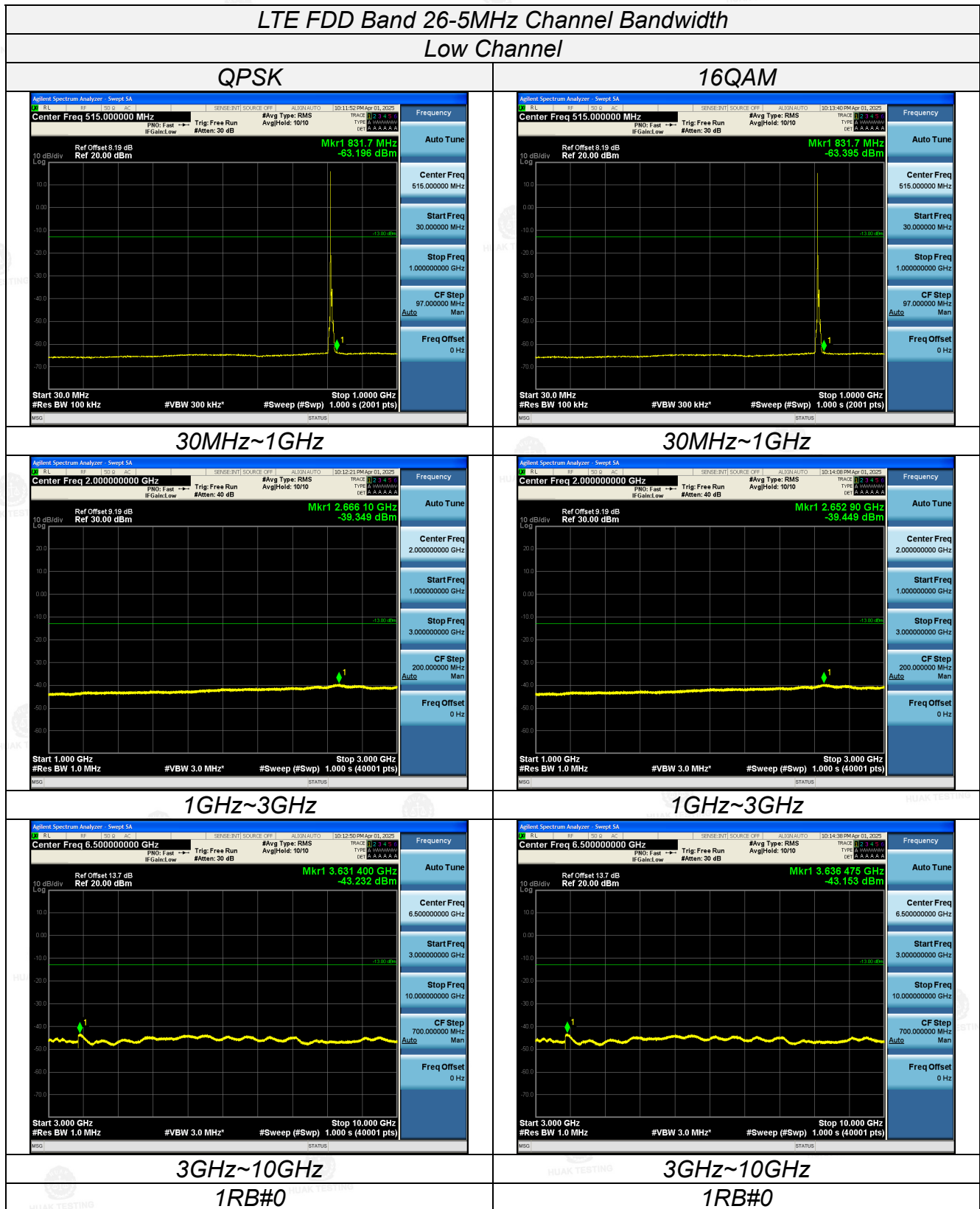


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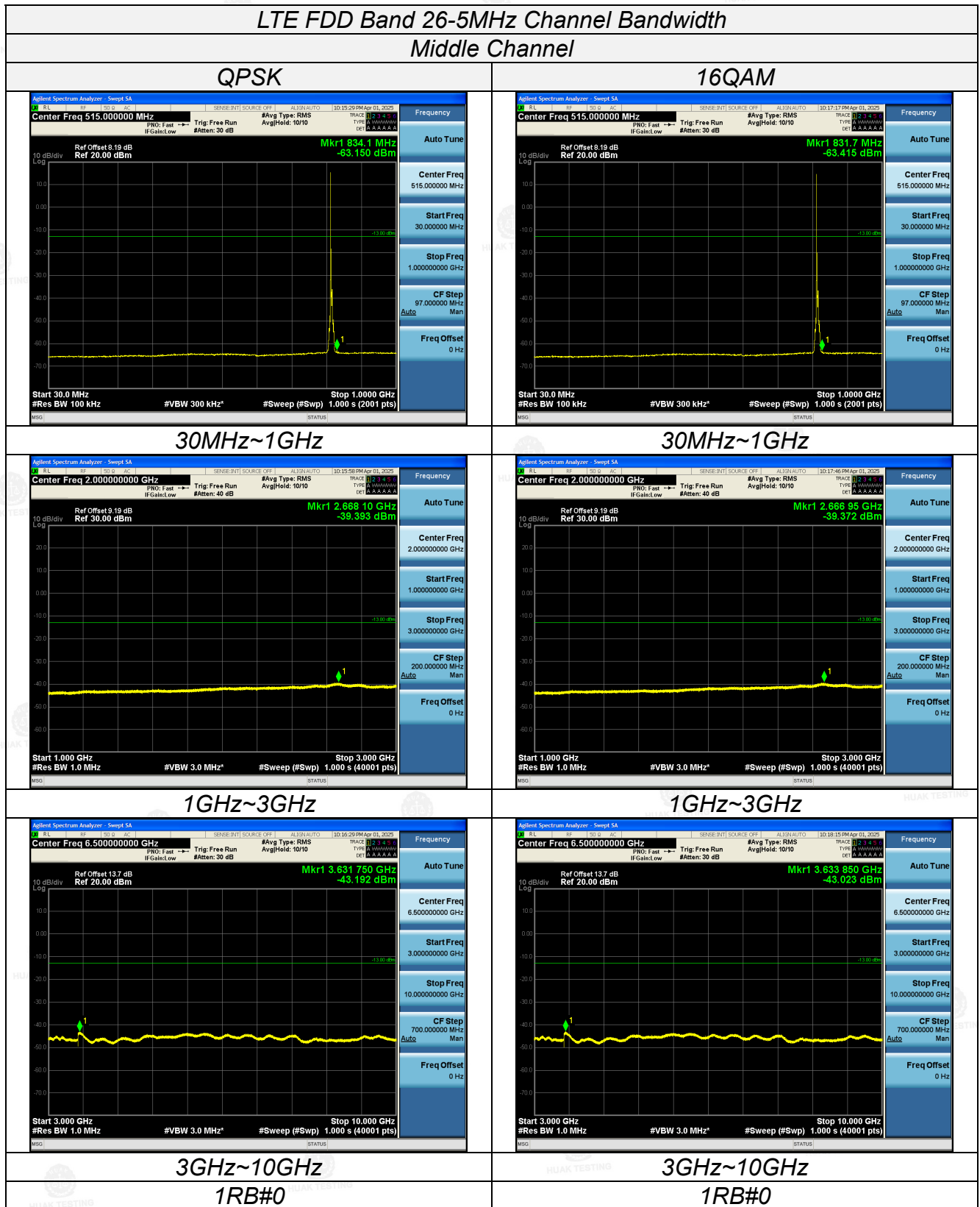
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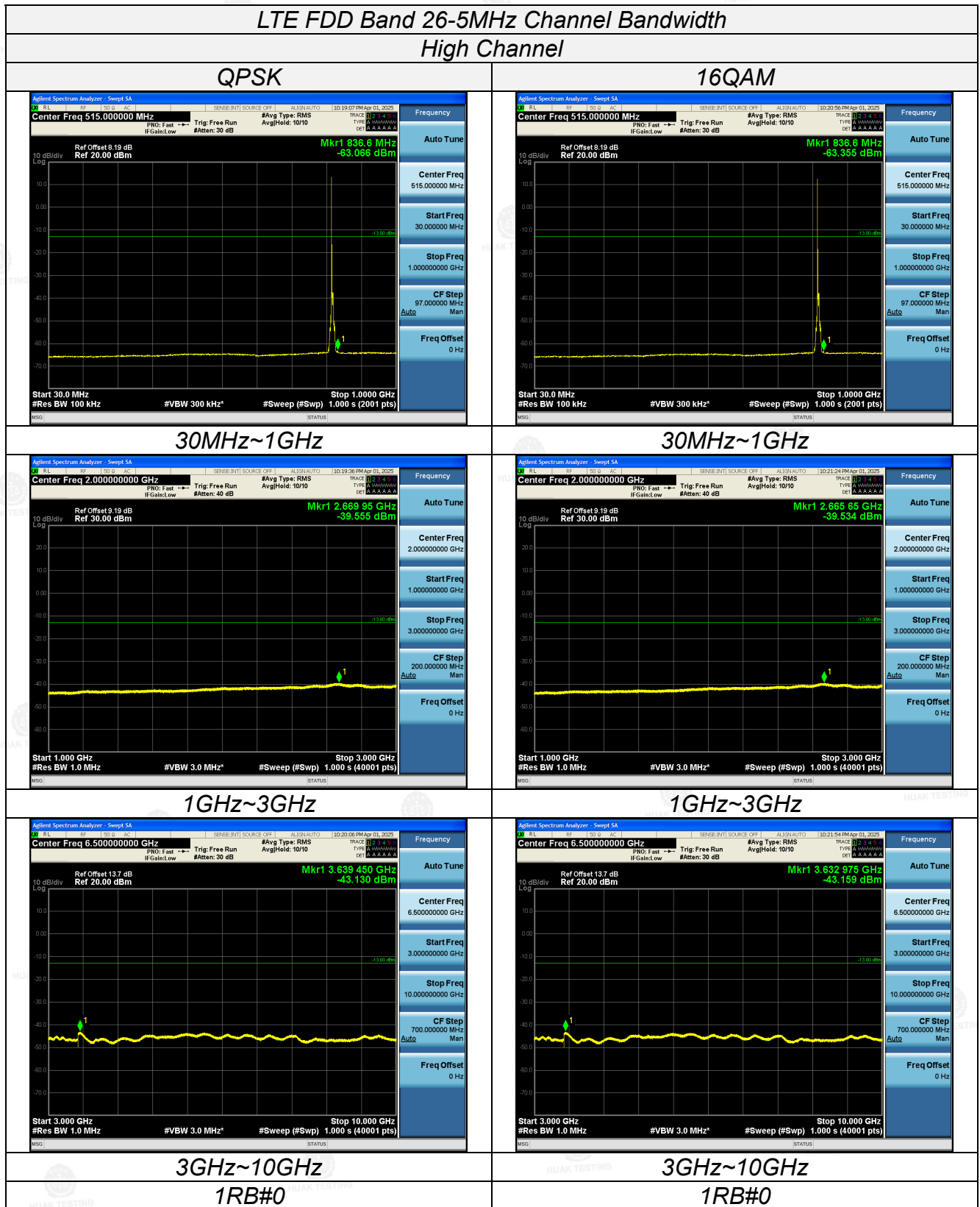
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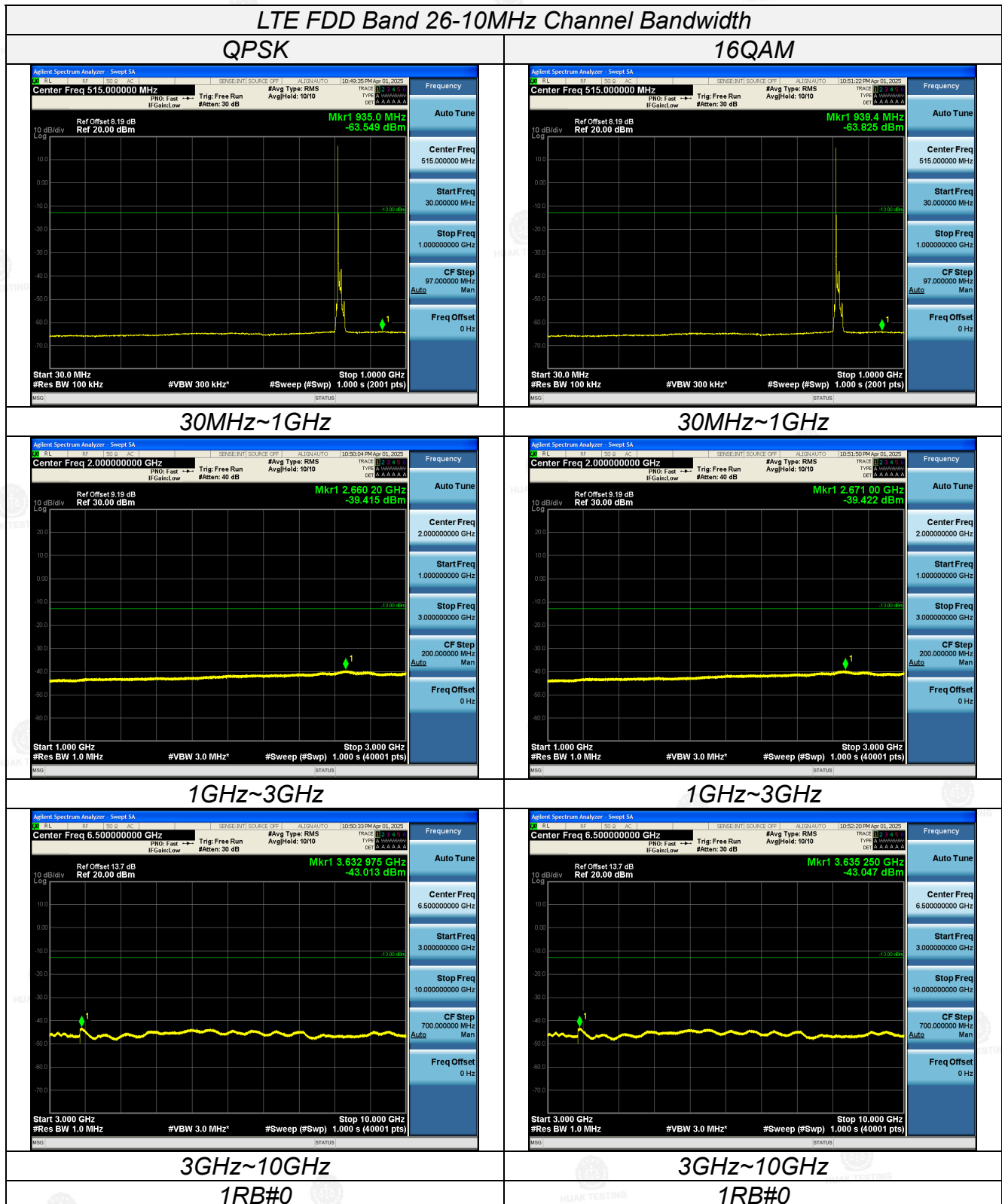
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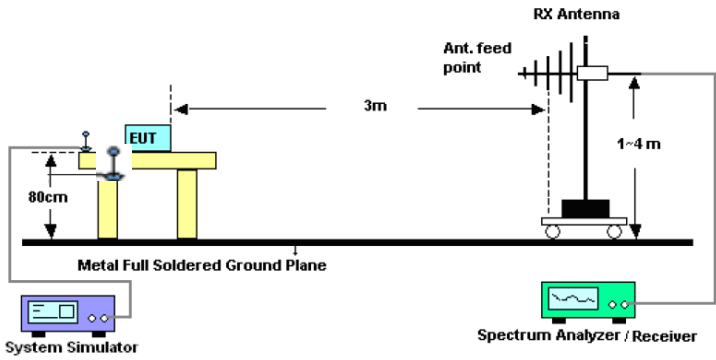
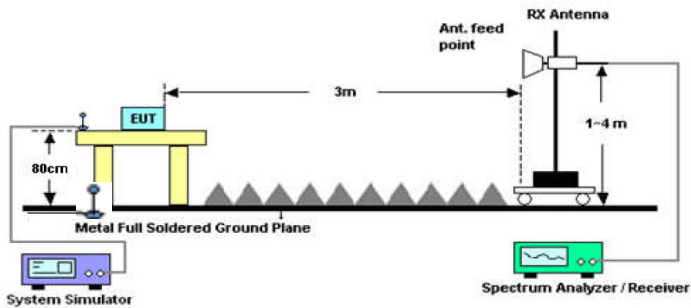
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## 5.6. Field Strength of Spurious Radiation Measurement

### 5.6.1. Test Specification

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Requirement:</b> | FCC part90.691                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Test Method:</b>      | FCC part 2.1053                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Limit:</b>            | 30MHz~20GHz -13dBm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Test setup:</b>       | <p>From 30MHz to 1GHz</p>  <p>Above 1GHz</p>                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Test Procedure:</b>   | <ol style="list-style-type: none"> <li>1. The testing follows FCC KDB 971168 D01v03 Section 5.8 and ANSI / TIA-603-D-2010Section 2.2.12.</li> <li>2. The EUT was placed on a rotatable wooden table 0.8 meters above the ground.</li> <li>3. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.</li> <li>4. The table was rotated 360 degrees to determine the position of the highest spurious emission.</li> <li>5. The height of the receiving antenna is varied between one meter and four meters to search for the maximum spurious emission for both horizontal and vertical polarizations.</li> </ol> |

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      | 6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking record of maximum spurious emission.<br>7. A horn antenna was substituted in place of the EUT and was driven by a signal generator.<br><br>8. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.<br>9. Taking the record of output power at antenna port.<br>10. Repeat step 7 to step 8 for another polarization.<br>11. $EIRP(dBm) = S.G. Power - Tx Cable Loss + Tx Antenna Gain$<br>12. $ERP(dBm) = EIRP - 2.15$<br>13. The RF fundamental frequency should be excluded against the limit line in the operating frequency band. |
| <b>Test results:</b> | <b>PASS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

#### Radiated Measurement:

##### Remark:

1. We were tested all RB Configuration refer 3GPP TS136 521 for each Channel Bandwidth of LTE FDD Band 26; recorded worst case for each Channel Bandwidth of LTE FDD Band 26.
2.  $EIRP = P_{Mea}(dBm) - P_{cl}(dB) + G_a(dBi)$
3. We were not recorded other points as values lower than limits.
4.  $Margin = Limit - EIRP$

Test Model No.: I16 Pro max

#### LTE FDD Band 26\_Channel Bandwidth 1.4MHz\_QPSK\_Low Channel

| Frequency (MHz) | $P_{Mea}$ (dBm) | $P_{cl}$ (dB) | Diatance | $G_a$ Antenna Gain(dB) | Peak EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|-----------------|---------------|----------|------------------------|-----------------|-------------|-------------|--------------|
| 1629.4          | -35.13          | 2.86          | 3.00     | 7.25                   | -32.89          | -13.00      | 19.89       | H            |
| 2444.1          | -43.95          | 2.94          | 3.00     | 9.53                   | -39.51          | -13.00      | 26.51       | H            |
| 1629.4          | -43.92          | 2.86          | 3.00     | 7.25                   | -41.68          | -13.00      | 28.68       | V            |
| 2444.1          | -47.77          | 2.94          | 3.00     | 9.53                   | -43.33          | -13.00      | 30.33       | V            |

### LTE FDD Band 26\_Channel Bandwidth 1.4MHz\_QPSK\_Middle Channel

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1638            | -36.28                 | 2.86                 | 3.00     | 7.25                            | -34.04     | -13.00      | 21.04       | H            |
| 2457            | -42.82                 | 2.94                 | 3.00     | 9.53                            | -38.38     | -13.00      | 25.38       | H            |
| 1638            | -44.25                 | 2.86                 | 3.00     | 7.25                            | -42.01     | -13.00      | 29.01       | V            |
| 2457            | -46.71                 | 2.94                 | 3.00     | 9.53                            | -42.27     | -13.00      | 29.27       | V            |

### LTE FDD Band 26\_Channel Bandwidth 1.4MHz\_QPSK\_High Channel

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1646.6          | -45.52                 | 2.86                 | 3.00     | 7.25                            | -43.28     | -13.00      | 30.28       | H            |
| 2469.9          | -46.98                 | 2.94                 | 3.00     | 9.53                            | -42.54     | -13.00      | 29.54       | H            |
| 1646.6          | -45.64                 | 2.86                 | 3.00     | 7.25                            | -43.4      | -13.00      | 30.4        | V            |
| 2469.9          | -48.83                 | 2.94                 | 3.00     | 9.53                            | -44.39     | -13.00      | 31.39       | V            |

### LTE FDD Band 26\_Channel Bandwidth 3MHz\_QPSK\_Low Channel

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | Peak EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|-----------------|-------------|-------------|--------------|
| 1631            | -46.95                 | 2.86                 | 3.00     | 7.25                            | -44.71          | -13.00      | 31.71       | H            |
| 2446.5          | -43.22                 | 2.94                 | 3.00     | 9.53                            | -38.78          | -13.00      | 25.78       | H            |
| 1631            | -45.34                 | 2.86                 | 3.00     | 7.25                            | -43.1           | -13.00      | 30.1        | V            |
| 2446.5          | -48.01                 | 2.94                 | 3.00     | 9.53                            | -43.57          | -13.00      | 30.57       | V            |

### LTE FDD Band 26\_Channel Bandwidth 3MHz\_QPSK\_Middle Channel

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1638            | -45.34                 | 2.86                 | 3.00     | 7.25                            | -43.1      | -13.00      | 30.1        | H            |
| 2457            | -43.04                 | 2.94                 | 3.00     | 9.53                            | -38.6      | -13.00      | 25.6        | H            |
| 1638            | -47.22                 | 2.86                 | 3.00     | 7.25                            | -44.98     | -13.00      | 31.98       | V            |
| 2457            | -48.28                 | 2.94                 | 3.00     | 9.53                            | -43.84     | -13.00      | 30.84       | V            |

### LTE FDD Band 26\_Channel Bandwidth 3MHz\_QPSK\_High Channel

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1645            | -45.31                 | 2.86                 | 3.00     | 7.25                            | -43.07     | -13.00      | 30.07       | H            |
| 2467.5          | -45.7                  | 2.94                 | 3.00     | 9.53                            | -41.26     | -13.00      | 28.26       | H            |
| 1645            | -45.88                 | 2.86                 | 3.00     | 7.25                            | -43.64     | -13.00      | 30.64       | V            |
| 2467.5          | -47.39                 | 2.94                 | 3.00     | 9.53                            | -42.95     | -13.00      | 29.95       | V            |

***LTE FDD Band 26\_Channel Bandwidth 5MHz\_QPSK\_Low Channel***

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | Peak EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|-----------------|-------------|-------------|--------------|
| 1633            | -44.93                 | 2.86                 | 3.00     | 7.25                            | -42.69          | -13.00      | 29.69       | H            |
| 2449.5          | -45.69                 | 2.94                 | 3.00     | 9.53                            | -41.25          | -13.00      | 28.25       | H            |
| 1633            | -44.98                 | 2.86                 | 3.00     | 7.25                            | -42.74          | -13.00      | 29.74       | V            |
| 2449.5          | -47.13                 | 2.94                 | 3.00     | 9.53                            | -42.69          | -13.00      | 29.69       | V            |

***LTE FDD Band 26\_Channel Bandwidth 5MHz\_QPSK\_Middle Channel***

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1638            | -46.57                 | 2.86                 | 3.00     | 7.25                            | -44.33     | -13.00      | 31.33       | H            |
| 2457            | -46.17                 | 2.94                 | 3.00     | 9.53                            | -41.73     | -13.00      | 28.73       | H            |
| 1638            | -45.73                 | 2.86                 | 3.00     | 7.25                            | -43.49     | -13.00      | 30.49       | V            |
| 2457            | -46.59                 | 2.94                 | 3.00     | 9.53                            | -42.15     | -13.00      | 29.15       | V            |

***LTE FDD Band 26\_Channel Bandwidth 5MHz\_QPSK\_High Channel***

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1643            | -47.06                 | 2.86                 | 3.00     | 7.25                            | -44.82     | -13.00      | 31.82       | H            |
| 2464.5          | -43.92                 | 2.94                 | 3.00     | 9.53                            | -39.48     | -13.00      | 26.48       | H            |
| 1643            | -46.7                  | 2.86                 | 3.00     | 7.25                            | -44.46     | -13.00      | 31.46       | V            |
| 2464.5          | -47.68                 | 2.94                 | 3.00     | 9.53                            | -43.24     | -13.00      | 30.24       | V            |

***LTE FDD Band 26\_Channel Bandwidth 10MHz\_QPSK***

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1638            | -45.41                 | 2.86                 | 3.00     | 7.25                            | -43.17     | -13.00      | 30.17       | H            |
| 2457            | -46.75                 | 2.94                 | 3.00     | 9.53                            | -42.31     | -13.00      | 29.31       | H            |
| 1638            | -45.29                 | 2.86                 | 3.00     | 7.25                            | -43.05     | -13.00      | 30.05       | V            |
| 2457            | -46.69                 | 2.94                 | 3.00     | 9.53                            | -42.25     | -13.00      | 29.25       | V            |

### LTE FDD Band 26\_Channel Bandwidth 1.4MHz\_16QAM\_Low Channel

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | Peak EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|-----------------|-------------|-------------|--------------|
| 1629.4          | -44.77                 | 2.86                 | 3.00     | 7.25                            | -42.53          | -13.00      | 29.53       | H            |
| 2444.1          | -43.67                 | 2.94                 | 3.00     | 9.53                            | -39.23          | -13.00      | 26.23       | H            |
| 1629.4          | -45.21                 | 2.86                 | 3.00     | 7.25                            | -42.97          | -13.00      | 29.97       | V            |
| 2444.1          | -49.89                 | 2.94                 | 3.00     | 9.53                            | -45.45          | -13.00      | 32.45       | V            |

### LTE FDD Band 26\_Channel Bandwidth 1.4MHz\_16QAM\_Middle Channel

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1638            | -45.65                 | 2.86                 | 3.00     | 7.25                            | -43.41     | -13.00      | 30.41       | H            |
| 2457            | -46.32                 | 2.94                 | 3.00     | 9.53                            | -41.88     | -13.00      | 28.88       | H            |
| 1638            | -46.83                 | 2.86                 | 3.00     | 7.25                            | -44.59     | -13.00      | 31.59       | V            |
| 2457            | -47.74                 | 2.94                 | 3.00     | 9.53                            | -43.3      | -13.00      | 30.3        | V            |

### LTE FDD Band 26\_Channel Bandwidth 1.4MHz\_16QAM\_High Channel

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1646.6          | -45.16                 | 2.86                 | 3.00     | 7.25                            | -42.92     | -13.00      | 29.92       | H            |
| 2469.9          | -47                    | 2.94                 | 3.00     | 9.53                            | -42.56     | -13.00      | 29.56       | H            |
| 1646.6          | -46.05                 | 2.86                 | 3.00     | 7.25                            | -43.81     | -13.00      | 30.81       | V            |
| 2469.9          | -49.47                 | 2.94                 | 3.00     | 9.53                            | -45.03     | -13.00      | 32.03       | V            |

### LTE FDD Band 26\_Channel Bandwidth 3MHz\_16QAM\_Low Channel

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | Peak EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|-----------------|-------------|-------------|--------------|
| 1631            | -45.28                 | 2.86                 | 3.00     | 7.25                            | -43.04          | -13.00      | 30.04       | H            |
| 2446.5          | -43.81                 | 2.94                 | 3.00     | 9.53                            | -39.37          | -13.00      | 26.37       | H            |
| 1631            | -48.17                 | 2.86                 | 3.00     | 7.25                            | -45.93          | -13.00      | 32.93       | V            |
| 2446.5          | -47.96                 | 2.94                 | 3.00     | 9.53                            | -43.52          | -13.00      | 30.52       | V            |

### LTE FDD Band 26\_Channel Bandwidth 3MHz\_16QAM\_Middle Channel

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1638            | -46.36                 | 2.86                 | 3.00     | 7.25                            | -44.12     | -13.00      | 31.12       | H            |
| 2457            | -45.03                 | 2.94                 | 3.00     | 9.53                            | -40.59     | -13.00      | 27.59       | H            |
| 1638            | -47.13                 | 2.86                 | 3.00     | 7.25                            | -44.89     | -13.00      | 31.89       | V            |
| 2457            | -47.34                 | 2.94                 | 3.00     | 9.53                            | -42.9      | -13.00      | 29.9        | V            |

### LTE FDD Band 26\_Channel Bandwidth 3MHz\_16QAM\_High Channel

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1645            | -44.99                 | 2.86                 | 3.00     | 7.25                            | -42.75     | -13.00      | 29.75       | H            |
| 2467.5          | -46.47                 | 2.94                 | 3.00     | 9.53                            | -42.03     | -13.00      | 29.03       | H            |
| 1645            | -45.76                 | 2.86                 | 3.00     | 7.25                            | -43.52     | -13.00      | 30.52       | V            |
| 2467.5          | -50.52                 | 2.94                 | 3.00     | 9.53                            | -46.08     | -13.00      | 33.08       | V            |

### LTE FDD Band 26\_Channel Bandwidth 5MHz\_16QAM\_Low Channel

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | Peak EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|-----------------|-------------|-------------|--------------|
| 1633            | -45.66                 | 2.86                 | 3.00     | 7.25                            | -43.42          | -13.00      | 30.42       | H            |
| 2449.5          | -44.52                 | 2.94                 | 3.00     | 9.53                            | -40.08          | -13.00      | 27.08       | H            |
| 1633            | -46.51                 | 2.86                 | 3.00     | 7.25                            | -44.27          | -13.00      | 31.27       | V            |
| 2449.5          | -48.76                 | 2.94                 | 3.00     | 9.53                            | -44.32          | -13.00      | 31.32       | V            |

### LTE FDD Band 26\_Channel Bandwidth 5MHz\_16QAM\_Middle Channel

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1638            | -45.02                 | 2.86                 | 3.00     | 7.25                            | -42.78     | -13.00      | 29.78       | H            |
| 2457            | -46.04                 | 2.94                 | 3.00     | 9.53                            | -41.6      | -13.00      | 28.6        | H            |
| 1638            | -43.97                 | 2.86                 | 3.00     | 7.25                            | -41.73     | -13.00      | 28.73       | V            |
| 2457            | -47.53                 | 2.94                 | 3.00     | 9.53                            | -43.09     | -13.00      | 30.09       | V            |

### LTE FDD Band 26\_Channel Bandwidth 5MHz\_16QAM\_High Channel

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1643            | -45.82                 | 2.86                 | 3.00     | 7.25                            | -43.58     | -13.00      | 30.58       | H            |
| 2464.5          | -45.24                 | 2.94                 | 3.00     | 9.53                            | -40.8      | -13.00      | 27.8        | H            |
| 1643            | -47.31                 | 2.86                 | 3.00     | 7.25                            | -45.07     | -13.00      | 32.07       | V            |
| 2464.5          | -49.13                 | 2.94                 | 3.00     | 9.53                            | -44.69     | -13.00      | 31.69       | V            |

### LTE FDD Band 26\_Channel Bandwidth 10MHz\_16QAM

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1638            | -45.47                 | 2.86                 | 3.00     | 7.25                            | -43.23     | -13.00      | 30.23       | H            |
| 2457            | -45.31                 | 2.94                 | 3.00     | 9.53                            | -40.87     | -13.00      | 27.87       | H            |
| 1638            | -47.09                 | 2.86                 | 3.00     | 7.25                            | -44.85     | -13.00      | 31.85       | V            |
| 2457            | -49.22                 | 2.94                 | 3.00     | 9.53                            | -44.78     | -13.00      | 31.78       | V            |

All modes of operation were investigated and the worst-case emissions are reported.  
Series Model No.: S26 Ultra

#### LTE FDD Band 26\_Channel Bandwidth 1.4MHz\_QPSK

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1646.6          | -35.29                 | 2.86                 | 3.00     | 7.25                            | -33.05     | -13.00      | 20.05       | H            |
| 2469.9          | -43.99                 | 2.94                 | 3.00     | 9.53                            | -39.55     | -13.00      | 26.55       | H            |
| 1646.6          | -45.73                 | 2.86                 | 3.00     | 7.25                            | -43.49     | -13.00      | 30.49       | V            |
| 2469.9          | -48.46                 | 2.94                 | 3.00     | 9.53                            | -44.02     | -13.00      | 31.02       | V            |

#### LTE FDD Band 26\_Channel Bandwidth 3MHz\_QPSK

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1645            | -37.27                 | 2.86                 | 3.00     | 7.25                            | -35.03     | -13.00      | 22.03       | H            |
| 2467.5          | -44.92                 | 2.94                 | 3.00     | 9.53                            | -40.48     | -13.00      | 27.48       | H            |
| 1645            | -46.73                 | 2.86                 | 3.00     | 7.25                            | -44.49     | -13.00      | 31.49       | V            |
| 2467.5          | -48.1                  | 2.94                 | 3.00     | 9.53                            | -43.66     | -13.00      | 30.66       | V            |

#### LTE FDD Band 26\_Channel Bandwidth 5MHz\_QPSK

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1643            | -36.81                 | 2.86                 | 3.00     | 7.25                            | -34.57     | -13.00      | 21.57       | H            |
| 2464.5          | -45.53                 | 2.94                 | 3.00     | 9.53                            | -41.09     | -13.00      | 28.09       | H            |
| 1643            | -45.74                 | 2.86                 | 3.00     | 7.25                            | -43.5      | -13.00      | 30.5        | V            |
| 2464.5          | -48.52                 | 2.94                 | 3.00     | 9.53                            | -44.08     | -13.00      | 31.08       | V            |

#### LTE FDD Band 26\_Channel Bandwidth 10MHz\_QPSK

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1638            | -35.34                 | 2.86                 | 3.00     | 7.25                            | -33.1      | -13.00      | 20.1        | H            |
| 2457            | -45.47                 | 2.94                 | 3.00     | 9.53                            | -41.03     | -13.00      | 28.03       | H            |
| 1638            | -45.31                 | 2.86                 | 3.00     | 7.25                            | -43.07     | -13.00      | 30.07       | V            |
| 2457            | -48.79                 | 2.94                 | 3.00     | 9.53                            | -44.35     | -13.00      | 31.35       | V            |

**LTE FDD Band 26\_Channel Bandwidth 1.4MHz\_16QAM**

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1646.6          | -35.43                 | 2.86                 | 3.00     | 7.25                            | -33.19     | -13.00      | 20.19       | H            |
| 2469.9          | -46.09                 | 2.94                 | 3.00     | 9.53                            | -41.65     | -13.00      | 28.65       | H            |
| 1646.6          | -45.79                 | 2.86                 | 3.00     | 7.25                            | -43.55     | -13.00      | 30.55       | V            |
| 2469.9          | -47.91                 | 2.94                 | 3.00     | 9.53                            | -43.47     | -13.00      | 30.47       | V            |

**LTE FDD Band 26\_Channel Bandwidth 3MHz\_16QAM**

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1645            | -35.32                 | 2.86                 | 3.00     | 7.25                            | -33.08     | -13.00      | 20.08       | H            |
| 2467.5          | -45.03                 | 2.94                 | 3.00     | 9.53                            | -40.59     | -13.00      | 27.59       | H            |
| 1645            | -43.56                 | 2.86                 | 3.00     | 7.25                            | -41.32     | -13.00      | 28.32       | V            |
| 2467.5          | -48.11                 | 2.94                 | 3.00     | 9.53                            | -43.67     | -13.00      | 30.67       | V            |

**LTE FDD Band 26\_Channel Bandwidth 5MHz\_16QAM**

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1643            | -36.47                 | 2.86                 | 3.00     | 7.25                            | -34.23     | -13.00      | 21.23       | H            |
| 2464.5          | -46.11                 | 2.94                 | 3.00     | 9.53                            | -41.67     | -13.00      | 28.67       | H            |
| 1643            | -44.31                 | 2.86                 | 3.00     | 7.25                            | -42.07     | -13.00      | 29.07       | V            |
| 2464.5          | -48.21                 | 2.94                 | 3.00     | 9.53                            | -43.77     | -13.00      | 30.77       | V            |

**LTE FDD Band 26\_Channel Bandwidth 10MHz\_16QAM**

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1638            | -37.62                 | 2.86                 | 3.00     | 7.25                            | -35.38     | -13.00      | 22.38       | H            |
| 2457            | -45.07                 | 2.94                 | 3.00     | 9.53                            | -40.63     | -13.00      | 27.63       | H            |
| 1638            | -44.18                 | 2.86                 | 3.00     | 7.25                            | -41.94     | -13.00      | 28.94       | V            |
| 2457            | -49.79                 | 2.94                 | 3.00     | 9.53                            | -45.35     | -13.00      | 32.35       | V            |

Series Model No.: Pixel 9

**LTE FDD Band 26\_Channel Bandwidth 1.4MHz\_QPSK**

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1646.6          | -35.14                 | 2.86                 | 3.00     | 7.25                            | -32.9      | -13.00      | 19.9        | H            |
| 2469.9          | -43.6                  | 2.94                 | 3.00     | 9.53                            | -39.16     | -13.00      | 26.16       | H            |
| 1646.6          | -45.17                 | 2.86                 | 3.00     | 7.25                            | -42.93     | -13.00      | 29.93       | V            |
| 2469.9          | -47.71                 | 2.94                 | 3.00     | 9.53                            | -43.27     | -13.00      | 30.27       | V            |

**LTE FDD Band 26\_Channel Bandwidth 3MHz\_QPSK**

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1645            | -36.38                 | 2.86                 | 3.00     | 7.25                            | -34.14     | -13.00      | 21.14       | H            |
| 2467.5          | -44.65                 | 2.94                 | 3.00     | 9.53                            | -40.21     | -13.00      | 27.21       | H            |
| 1645            | -44.68                 | 2.86                 | 3.00     | 7.25                            | -42.44     | -13.00      | 29.44       | V            |
| 2467.5          | -49.93                 | 2.94                 | 3.00     | 9.53                            | -45.49     | -13.00      | 32.49       | V            |

**LTE FDD Band 26\_Channel Bandwidth 5MHz\_QPSK**

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1643            | -35.34                 | 2.86                 | 3.00     | 7.25                            | -33.1      | -13.00      | 20.1        | H            |
| 2464.5          | -45.87                 | 2.94                 | 3.00     | 9.53                            | -41.43     | -13.00      | 28.43       | H            |
| 1643            | -44.25                 | 2.86                 | 3.00     | 7.25                            | -42.01     | -13.00      | 29.01       | V            |
| 2464.5          | -49.22                 | 2.94                 | 3.00     | 9.53                            | -44.78     | -13.00      | 31.78       | V            |

**LTE FDD Band 26\_Channel Bandwidth 10MHz\_QPSK**

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1638            | -35.61                 | 2.86                 | 3.00     | 7.25                            | -33.37     | -13.00      | 20.37       | H            |
| 2457            | -44.34                 | 2.94                 | 3.00     | 9.53                            | -39.9      | -13.00      | 26.9        | H            |
| 1638            | -45.45                 | 2.86                 | 3.00     | 7.25                            | -43.21     | -13.00      | 30.21       | V            |
| 2457            | -48.37                 | 2.94                 | 3.00     | 9.53                            | -43.93     | -13.00      | 30.93       | V            |

### LTE FDD Band 26\_Channel Bandwidth 1.4MHz\_16QAM

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1646.6          | -35.44                 | 2.86                 | 3.00     | 7.25                            | -33.2      | -13.00      | 20.2        | H            |
| 2469.9          | -44.34                 | 2.94                 | 3.00     | 9.53                            | -39.9      | -13.00      | 26.9        | H            |
| 1646.6          | -46.94                 | 2.86                 | 3.00     | 7.25                            | -44.7      | -13.00      | 31.7        | V            |
| 2469.9          | -48.76                 | 2.94                 | 3.00     | 9.53                            | -44.32     | -13.00      | 31.32       | V            |

### LTE FDD Band 26\_Channel Bandwidth 3MHz\_16QAM

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1645            | -36.83                 | 2.86                 | 3.00     | 7.25                            | -34.59     | -13.00      | 21.59       | H            |
| 2467.5          | -43.95                 | 2.94                 | 3.00     | 9.53                            | -39.51     | -13.00      | 26.51       | H            |
| 1645            | -44.32                 | 2.86                 | 3.00     | 7.25                            | -42.08     | -13.00      | 29.08       | V            |
| 2467.5          | -49.18                 | 2.94                 | 3.00     | 9.53                            | -44.74     | -13.00      | 31.74       | V            |

### LTE FDD Band 26\_Channel Bandwidth 5MHz\_16QAM

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1643            | -38.17                 | 2.86                 | 3.00     | 7.25                            | -35.93     | -13.00      | 22.93       | H            |
| 2464.5          | -43.75                 | 2.94                 | 3.00     | 9.53                            | -39.31     | -13.00      | 26.31       | H            |
| 1643            | -44.67                 | 2.86                 | 3.00     | 7.25                            | -42.43     | -13.00      | 29.43       | V            |
| 2464.5          | -47.89                 | 2.94                 | 3.00     | 9.53                            | -43.45     | -13.00      | 30.45       | V            |

### LTE FDD Band 26\_Channel Bandwidth 10MHz\_16QAM

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1638            | -35.12                 | 2.86                 | 3.00     | 7.25                            | -32.88     | -13.00      | 19.88       | H            |
| 2457            | -45.64                 | 2.94                 | 3.00     | 9.53                            | -41.2      | -13.00      | 28.2        | H            |
| 1638            | -44.71                 | 2.86                 | 3.00     | 7.25                            | -42.47     | -13.00      | 29.47       | V            |
| 2457            | -48.48                 | 2.94                 | 3.00     | 9.53                            | -44.04     | -13.00      | 31.04       | V            |

Series Model No.: SP30 Pro

**LTE FDD Band 26\_Channel Bandwidth 1.4MHz\_QPSK**

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1646.6          | -36.74                 | 2.86                 | 3.00     | 7.25                            | -34.5      | -13.00      | 21.5        | H            |
| 2469.9          | -46.13                 | 2.94                 | 3.00     | 9.53                            | -41.69     | -13.00      | 28.69       | H            |
| 1646.6          | -45.65                 | 2.86                 | 3.00     | 7.25                            | -43.41     | -13.00      | 30.41       | V            |
| 2469.9          | -48.04                 | 2.94                 | 3.00     | 9.53                            | -43.6      | -13.00      | 30.6        | V            |

**LTE FDD Band 26\_Channel Bandwidth 3MHz\_QPSK**

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1645            | -36.24                 | 2.86                 | 3.00     | 7.25                            | -34        | -13.00      | 21          | H            |
| 2467.5          | -44.13                 | 2.94                 | 3.00     | 9.53                            | -39.69     | -13.00      | 26.69       | H            |
| 1645            | -45.59                 | 2.86                 | 3.00     | 7.25                            | -43.35     | -13.00      | 30.35       | V            |
| 2467.5          | -47.68                 | 2.94                 | 3.00     | 9.53                            | -43.24     | -13.00      | 30.24       | V            |

**LTE FDD Band 26\_Channel Bandwidth 5MHz\_QPSK**

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1643            | -36.53                 | 2.86                 | 3.00     | 7.25                            | -34.29     | -13.00      | 21.29       | H            |
| 2464.5          | -45.41                 | 2.94                 | 3.00     | 9.53                            | -40.97     | -13.00      | 27.97       | H            |
| 1643            | -46.26                 | 2.86                 | 3.00     | 7.25                            | -44.02     | -13.00      | 31.02       | V            |
| 2464.5          | -49.81                 | 2.94                 | 3.00     | 9.53                            | -45.37     | -13.00      | 32.37       | V            |

**LTE FDD Band 26\_Channel Bandwidth 10MHz\_QPSK**

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1638            | -37.05                 | 2.86                 | 3.00     | 7.25                            | -34.81     | -13.00      | 21.81       | H            |
| 2457            | -45.51                 | 2.94                 | 3.00     | 9.53                            | -41.07     | -13.00      | 28.07       | H            |
| 1638            | -43.64                 | 2.86                 | 3.00     | 7.25                            | -41.4      | -13.00      | 28.4        | V            |
| 2457            | -48.35                 | 2.94                 | 3.00     | 9.53                            | -43.91     | -13.00      | 30.91       | V            |

### LTE FDD Band 26\_Channel Bandwidth 1.4MHz\_16QAM

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1646.6          | -35.38                 | 2.86                 | 3.00     | 7.25                            | -33.14     | -13.00      | 20.14       | H            |
| 2469.9          | -44.8                  | 2.94                 | 3.00     | 9.53                            | -40.36     | -13.00      | 27.36       | H            |
| 1646.6          | -45.91                 | 2.86                 | 3.00     | 7.25                            | -43.67     | -13.00      | 30.67       | V            |
| 2469.9          | -47.84                 | 2.94                 | 3.00     | 9.53                            | -43.4      | -13.00      | 30.4        | V            |

### LTE FDD Band 26\_Channel Bandwidth 3MHz\_16QAM

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1645            | -36.6                  | 2.86                 | 3.00     | 7.25                            | -34.36     | -13.00      | 21.36       | H            |
| 2467.5          | -43.29                 | 2.94                 | 3.00     | 9.53                            | -38.85     | -13.00      | 25.85       | H            |
| 1645            | -45.61                 | 2.86                 | 3.00     | 7.25                            | -43.37     | -13.00      | 30.37       | V            |
| 2467.5          | -50.06                 | 2.94                 | 3.00     | 9.53                            | -45.62     | -13.00      | 32.62       | V            |

### LTE FDD Band 26\_Channel Bandwidth 5MHz\_16QAM

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1643            | -36.17                 | 2.86                 | 3.00     | 7.25                            | -33.93     | -13.00      | 20.93       | H            |
| 2464.5          | -44.81                 | 2.94                 | 3.00     | 9.53                            | -40.37     | -13.00      | 27.37       | H            |
| 1643            | -44.3                  | 2.86                 | 3.00     | 7.25                            | -42.06     | -13.00      | 29.06       | V            |
| 2464.5          | -48.62                 | 2.94                 | 3.00     | 9.53                            | -44.18     | -13.00      | 31.18       | V            |

### LTE FDD Band 26\_Channel Bandwidth 10MHz\_16QAM

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1638            | -36.93                 | 2.86                 | 3.00     | 7.25                            | -34.69     | -13.00      | 21.69       | H            |
| 2457            | -44.62                 | 2.94                 | 3.00     | 9.53                            | -40.18     | -13.00      | 27.18       | H            |
| 1638            | -45.65                 | 2.86                 | 3.00     | 7.25                            | -43.41     | -13.00      | 30.41       | V            |
| 2457            | -47.81                 | 2.94                 | 3.00     | 9.53                            | -43.37     | -13.00      | 30.37       | V            |

Series Model No.: MT Ultimate

**LTE FDD Band 26\_Channel Bandwidth 1.4MHz\_QPSK**

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1646.6          | -35.19                 | 2.86                 | 3.00     | 7.25                            | -32.95     | -13.00      | 19.95       | H            |
| 2469.9          | -43.78                 | 2.94                 | 3.00     | 9.53                            | -39.34     | -13.00      | 26.34       | H            |
| 1646.6          | -45.36                 | 2.86                 | 3.00     | 7.25                            | -43.12     | -13.00      | 30.12       | V            |
| 2469.9          | -47.28                 | 2.94                 | 3.00     | 9.53                            | -42.84     | -13.00      | 29.84       | V            |

**LTE FDD Band 26\_Channel Bandwidth 3MHz\_QPSK**

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1645            | -36.54                 | 2.86                 | 3.00     | 7.25                            | -34.3      | -13.00      | 21.3        | H            |
| 2467.5          | -43.69                 | 2.94                 | 3.00     | 9.53                            | -39.25     | -13.00      | 26.25       | H            |
| 1645            | -44.78                 | 2.86                 | 3.00     | 7.25                            | -42.54     | -13.00      | 29.54       | V            |
| 2467.5          | -48.21                 | 2.94                 | 3.00     | 9.53                            | -43.77     | -13.00      | 30.77       | V            |

**LTE FDD Band 26\_Channel Bandwidth 5MHz\_QPSK**

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1643            | -34.85                 | 2.86                 | 3.00     | 7.25                            | -32.61     | -13.00      | 19.61       | H            |
| 2464.5          | -45.13                 | 2.94                 | 3.00     | 9.53                            | -40.69     | -13.00      | 27.69       | H            |
| 1643            | -44.49                 | 2.86                 | 3.00     | 7.25                            | -42.25     | -13.00      | 29.25       | V            |
| 2464.5          | -49.53                 | 2.94                 | 3.00     | 9.53                            | -45.09     | -13.00      | 32.09       | V            |

**LTE FDD Band 26\_Channel Bandwidth 10MHz\_QPSK**

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1638            | -36.17                 | 2.86                 | 3.00     | 7.25                            | -33.93     | -13.00      | 20.93       | H            |
| 2457            | -44.38                 | 2.94                 | 3.00     | 9.53                            | -39.94     | -13.00      | 26.94       | H            |
| 1638            | -45.69                 | 2.86                 | 3.00     | 7.25                            | -43.45     | -13.00      | 30.45       | V            |
| 2457            | -47.93                 | 2.94                 | 3.00     | 9.53                            | -43.49     | -13.00      | 30.49       | V            |

**LTE FDD Band 26\_Channel Bandwidth 1.4MHz\_16QAM**

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1646.6          | -35.95                 | 2.86                 | 3.00     | 7.25                            | -33.71     | -13.00      | 20.71       | H            |
| 2469.9          | -44.55                 | 2.94                 | 3.00     | 9.53                            | -40.11     | -13.00      | 27.11       | H            |
| 1646.6          | -44.86                 | 2.86                 | 3.00     | 7.25                            | -42.62     | -13.00      | 29.62       | V            |
| 2469.9          | -48.56                 | 2.94                 | 3.00     | 9.53                            | -44.12     | -13.00      | 31.12       | V            |

**LTE FDD Band 26\_Channel Bandwidth 3MHz\_16QAM**

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1645            | -35.58                 | 2.86                 | 3.00     | 7.25                            | -33.34     | -13.00      | 20.34       | H            |
| 2467.5          | -45.41                 | 2.94                 | 3.00     | 9.53                            | -40.97     | -13.00      | 27.97       | H            |
| 1645            | -43.72                 | 2.86                 | 3.00     | 7.25                            | -41.48     | -13.00      | 28.48       | V            |
| 2467.5          | -47.16                 | 2.94                 | 3.00     | 9.53                            | -42.72     | -13.00      | 29.72       | V            |

**LTE FDD Band 26\_Channel Bandwidth 5MHz\_16QAM**

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1643            | -37.68                 | 2.86                 | 3.00     | 7.25                            | -35.44     | -13.00      | 22.44       | H            |
| 2464.5          | -45.65                 | 2.94                 | 3.00     | 9.53                            | -41.21     | -13.00      | 28.21       | H            |
| 1643            | -44.64                 | 2.86                 | 3.00     | 7.25                            | -42.4      | -13.00      | 29.4        | V            |
| 2464.5          | -48.6                  | 2.94                 | 3.00     | 9.53                            | -44.16     | -13.00      | 31.16       | V            |

**LTE FDD Band 26\_Channel Bandwidth 10MHz\_16QAM**

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1638            | -35.84                 | 2.86                 | 3.00     | 7.25                            | -33.6      | -13.00      | 20.6        | H            |
| 2457            | -43.77                 | 2.94                 | 3.00     | 9.53                            | -39.33     | -13.00      | 26.33       | H            |
| 1638            | -43.91                 | 2.86                 | 3.00     | 7.25                            | -41.67     | -13.00      | 28.67       | V            |
| 2457            | -48.14                 | 2.94                 | 3.00     | 9.53                            | -43.7      | -13.00      | 30.7        | V            |

Series Model No.: M15 pro

**LTE FDD Band 26\_Channel Bandwidth 1.4MHz\_QPSK**

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1646.6          | -35.41                 | 2.86                 | 3.00     | 7.25                            | -33.17     | -13.00      | 20.17       | H            |
| 2469.9          | -45.2                  | 2.94                 | 3.00     | 9.53                            | -40.76     | -13.00      | 27.76       | H            |
| 1646.6          | -44.18                 | 2.86                 | 3.00     | 7.25                            | -41.94     | -13.00      | 28.94       | V            |
| 2469.9          | -49.88                 | 2.94                 | 3.00     | 9.53                            | -45.44     | -13.00      | 32.44       | V            |

**LTE FDD Band 26\_Channel Bandwidth 3MHz\_QPSK**

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1645            | -37.27                 | 2.86                 | 3.00     | 7.25                            | -35.03     | -13.00      | 22.03       | H            |
| 2467.5          | -43.4                  | 2.94                 | 3.00     | 9.53                            | -38.96     | -13.00      | 25.96       | H            |
| 1645            | -46.65                 | 2.86                 | 3.00     | 7.25                            | -44.41     | -13.00      | 31.41       | V            |
| 2467.5          | -49.36                 | 2.94                 | 3.00     | 9.53                            | -44.92     | -13.00      | 31.92       | V            |

**LTE FDD Band 26\_Channel Bandwidth 5MHz\_QPSK**

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1643            | -35.75                 | 2.86                 | 3.00     | 7.25                            | -33.51     | -13.00      | 20.51       | H            |
| 2464.5          | -45.69                 | 2.94                 | 3.00     | 9.53                            | -41.25     | -13.00      | 28.25       | H            |
| 1643            | -44.57                 | 2.86                 | 3.00     | 7.25                            | -42.33     | -13.00      | 29.33       | V            |
| 2464.5          | -48.32                 | 2.94                 | 3.00     | 9.53                            | -43.88     | -13.00      | 30.88       | V            |

**LTE FDD Band 26\_Channel Bandwidth 10MHz\_QPSK**

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1638            | -37.34                 | 2.86                 | 3.00     | 7.25                            | -35.1      | -13.00      | 22.1        | H            |
| 2457            | -44.79                 | 2.94                 | 3.00     | 9.53                            | -40.35     | -13.00      | 27.35       | H            |
| 1638            | -43.51                 | 2.86                 | 3.00     | 7.25                            | -41.27     | -13.00      | 28.27       | V            |
| 2457            | -47.37                 | 2.94                 | 3.00     | 9.53                            | -42.93     | -13.00      | 29.93       | V            |

### LTE FDD Band 26\_Channel Bandwidth 1.4MHz\_16QAM

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1646.6          | -35.26                 | 2.86                 | 3.00     | 7.25                            | -33.02     | -13.00      | 20.02       | H            |
| 2469.9          | -44.46                 | 2.94                 | 3.00     | 9.53                            | -40.02     | -13.00      | 27.02       | H            |
| 1646.6          | -45.11                 | 2.86                 | 3.00     | 7.25                            | -42.87     | -13.00      | 29.87       | V            |
| 2469.9          | -50.02                 | 2.94                 | 3.00     | 9.53                            | -45.58     | -13.00      | 32.58       | V            |

### LTE FDD Band 26\_Channel Bandwidth 3MHz\_16QAM

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1645            | -36.59                 | 2.86                 | 3.00     | 7.25                            | -34.35     | -13.00      | 21.35       | H            |
| 2467.5          | -45.08                 | 2.94                 | 3.00     | 9.53                            | -40.64     | -13.00      | 27.64       | H            |
| 1645            | -46.36                 | 2.86                 | 3.00     | 7.25                            | -44.12     | -13.00      | 31.12       | V            |
| 2467.5          | -48.8                  | 2.94                 | 3.00     | 9.53                            | -44.36     | -13.00      | 31.36       | V            |

### LTE FDD Band 26\_Channel Bandwidth 5MHz\_16QAM

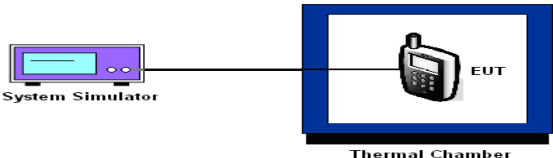
| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1643            | -37.06                 | 2.86                 | 3.00     | 7.25                            | -34.82     | -13.00      | 21.82       | H            |
| 2464.5          | -43.72                 | 2.94                 | 3.00     | 9.53                            | -39.28     | -13.00      | 26.28       | H            |
| 1643            | -46.46                 | 2.86                 | 3.00     | 7.25                            | -44.22     | -13.00      | 31.22       | V            |
| 2464.5          | -47.73                 | 2.94                 | 3.00     | 9.53                            | -43.29     | -13.00      | 30.29       | V            |

### LTE FDD Band 26\_Channel Bandwidth 10MHz\_16QAM

| Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | Diatance | G <sub>a</sub> Antenna Gain(dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Polarization |
|-----------------|------------------------|----------------------|----------|---------------------------------|------------|-------------|-------------|--------------|
| 1638            | -36.97                 | 2.86                 | 3.00     | 7.25                            | -34.73     | -13.00      | 21.73       | H            |
| 2457            | -44.35                 | 2.94                 | 3.00     | 9.53                            | -39.91     | -13.00      | 26.91       | H            |
| 1638            | -44.55                 | 2.86                 | 3.00     | 7.25                            | -42.31     | -13.00      | 29.31       | V            |
| 2457            | -48.31                 | 2.94                 | 3.00     | 9.53                            | -43.87     | -13.00      | 30.87       | V            |

## 5.7. Frequency Stability Measurement

### 5.7.1. Test Specification

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Requirement:</b> | FCC part 90.213                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Test Method:</b>      | FCC Part 2.1055                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Limit:</b>            | ±2.5 ppm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Test Setup:</b>       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Test Procedure:</b>   | <p><b>Test Procedures for Temperature Variation</b></p> <ol style="list-style-type: none"> <li>1. The testing follows FCC KDB 971168 D01v03 Section 9.0.</li> <li>2. The EUT was set up in the thermal chamber and connected with the system simulator.</li> <li>3. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.</li> <li>4. With power OFF, the temperature was raised in 10°C steps up to 50°C. The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.</li> </ol> <p><b>Test Procedures for Voltage Variation</b></p> <ol style="list-style-type: none"> <li>1. The testing follows FCC KDB 971168 D01v03 Section 9.0.</li> <li>2. The EUT was placed in a temperature chamber at 25±5° C and connected with the system simulator.</li> <li>3. The power supply voltage to the EUT was varied from BEP to 115% of the nominal value measured at the input to the EUT.</li> <li>4. The variation in frequency was measured for the worst case.</li> </ol> |
| <b>Test Result:</b>      | PASS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## TEST RESULTS

*Remark:*

*1. We tested all RB Configuration refer 3GPP TS136 521 for each Channel Bandwidth of LTE FDD Band 26; recorded worst case.*

LTE Band 26, 1.4MHz bandwidth (worst case of all bandwidths)

### **Frequency Error vs Voltage**

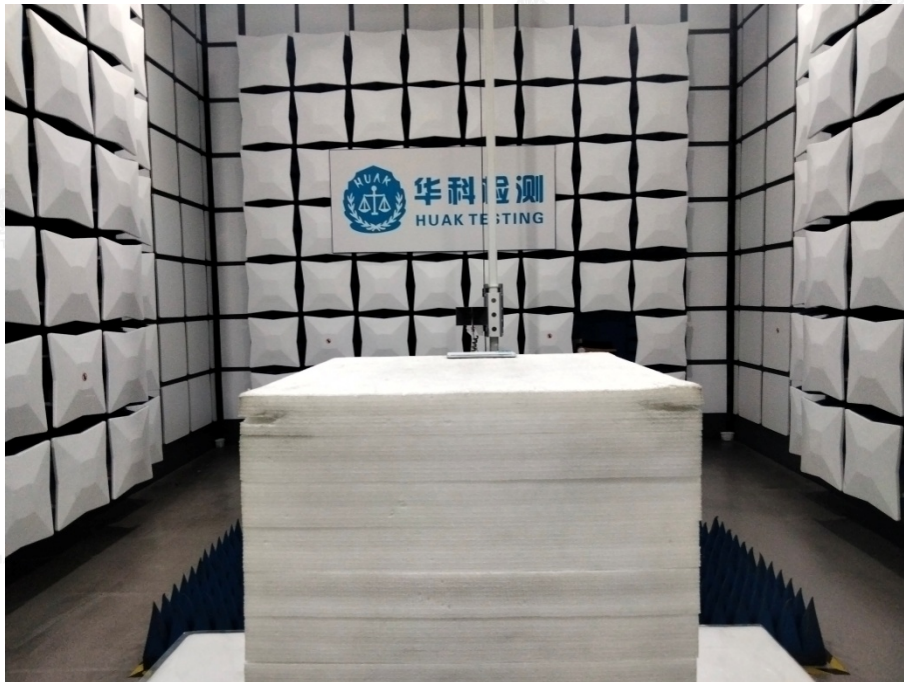
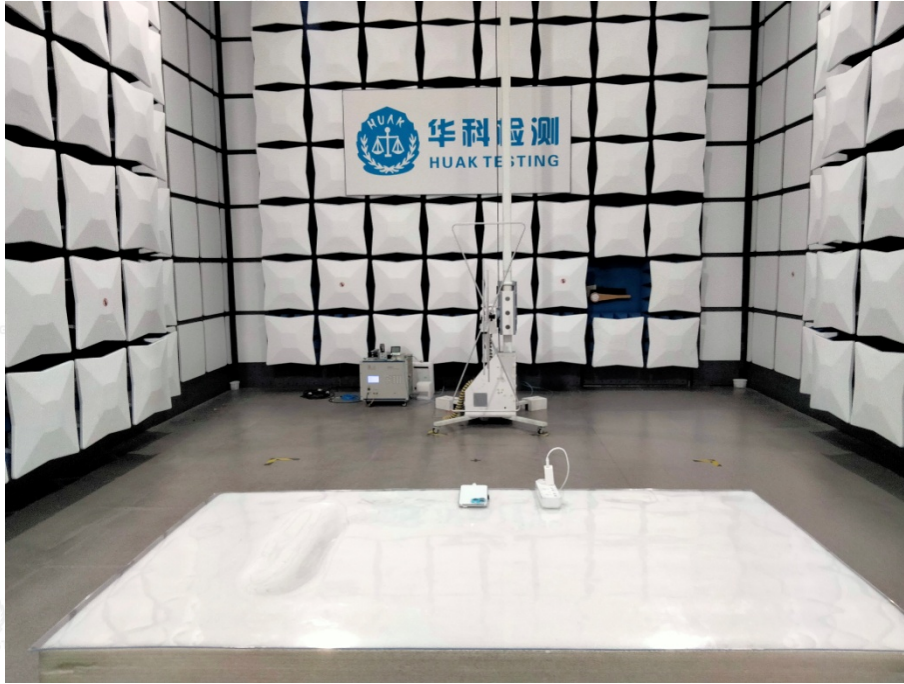
| Voltage<br>(V) | Frequency error (Hz) |       | Frequency error (ppm) |           | Limit<br>(ppm) |
|----------------|----------------------|-------|-----------------------|-----------|----------------|
|                | QPSK                 | 16QAM | QPSK                  | 16QAM     |                |
| 4.25           | -10.43               | -2.98 | -0.012802             | -0.003658 | 2.50           |
| 5.0            | -5.56                | -3.66 | -0.006825             | -0.004492 | 2.50           |
| 5.75           | -9.47                | -7.87 | -0.011624             | -0.009660 | 2.50           |

### **Frequency Error vs Temperature**

| Temperature<br>(°C) | Frequency error (Hz) |        | Frequency error (ppm) |           | Limit<br>(ppm) |
|---------------------|----------------------|--------|-----------------------|-----------|----------------|
|                     | QPSK                 | 16QAM  | QPSK                  | 16QAM     |                |
| -30°                | -8.33                | -7.58  | -0.010225             | -0.009304 | 2.50           |
| -20°                | -9.83                | -8.57  | -0.012066             | -0.010519 | 2.50           |
| -10°                | -10.19               | -4.01  | -0.012508             | -0.004922 | 2.50           |
| 0°                  | -8.14                | -9.18  | -0.009991             | -0.011268 | 2.50           |
| 10°                 | -9.58                | -9.98  | -0.011759             | -0.012250 | 2.50           |
| 20°                 | -7.10                | 3.49   | -0.008715             | 0.004284  | 2.50           |
| 30°                 | -7.51                | -11.03 | -0.009170             | -0.013468 | 2.50           |
| 40°                 | -7.71                | -7.54  | -0.009414             | -0.009206 | 2.50           |
| 50°                 | -8.14                | -6.45  | -0.009939             | -0.007875 | 2.50           |

## 6. Test Setup Photos of the EUT

Test Model No.: I16 Pro max  
Radiated Emissions



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 15 days only. The document is issued by Shenzhen HUAKE Testing Technology Co., Ltd., this document cannot be reproduced except in full with our prior written permission.

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## RF Conducted Emission

