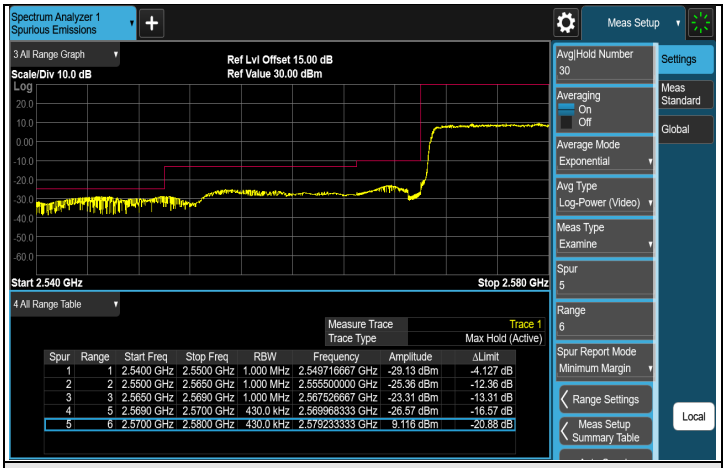
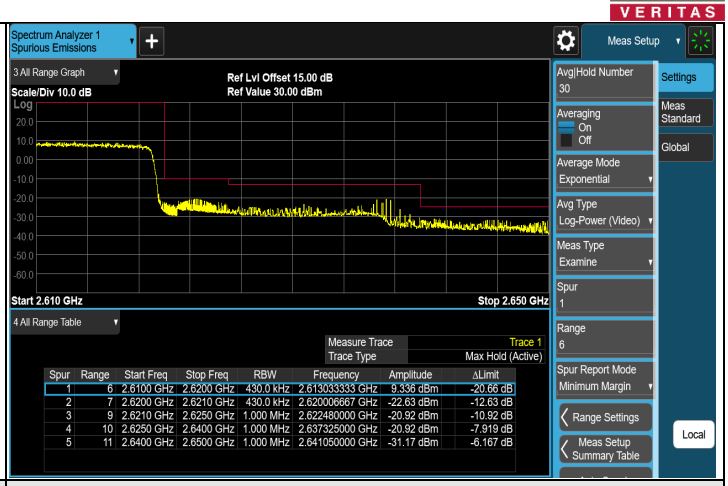
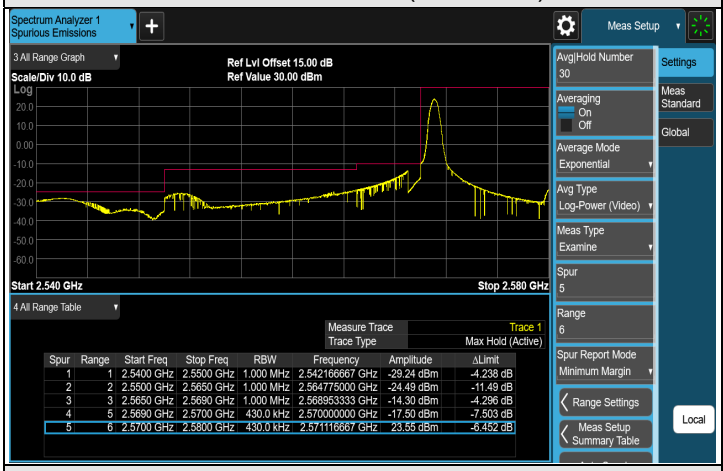


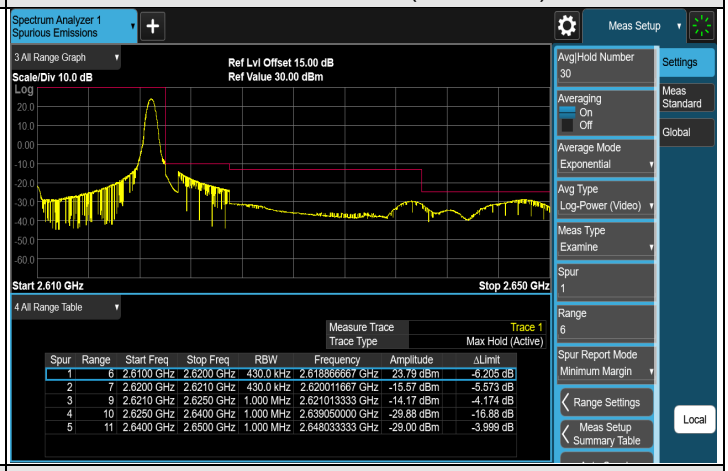

FULL CH 37850 (2580 MHz)




FULL CH 38150 (2610 MHz)



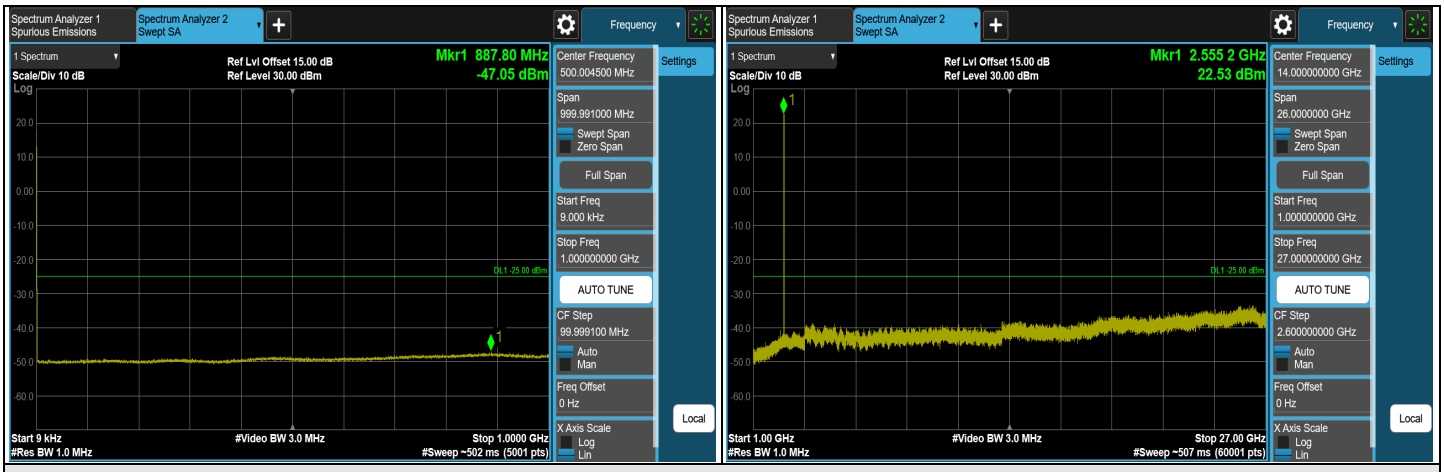

1RB CH 37850 (2580 MHz)



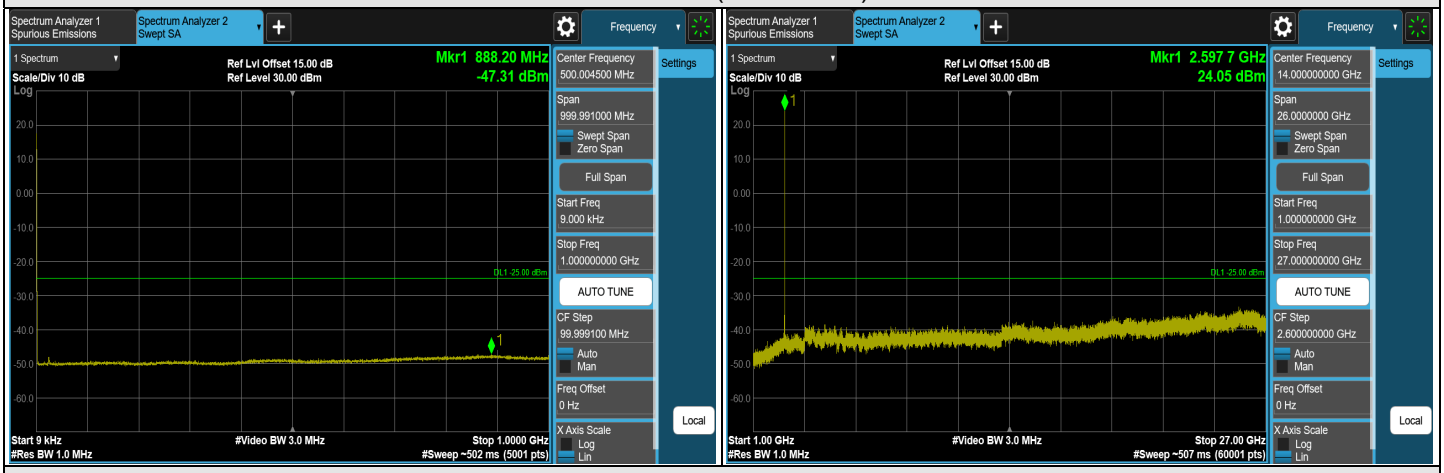

1RB CH 38150 (2610 MHz)

## 7.5.7 LTE Band 41

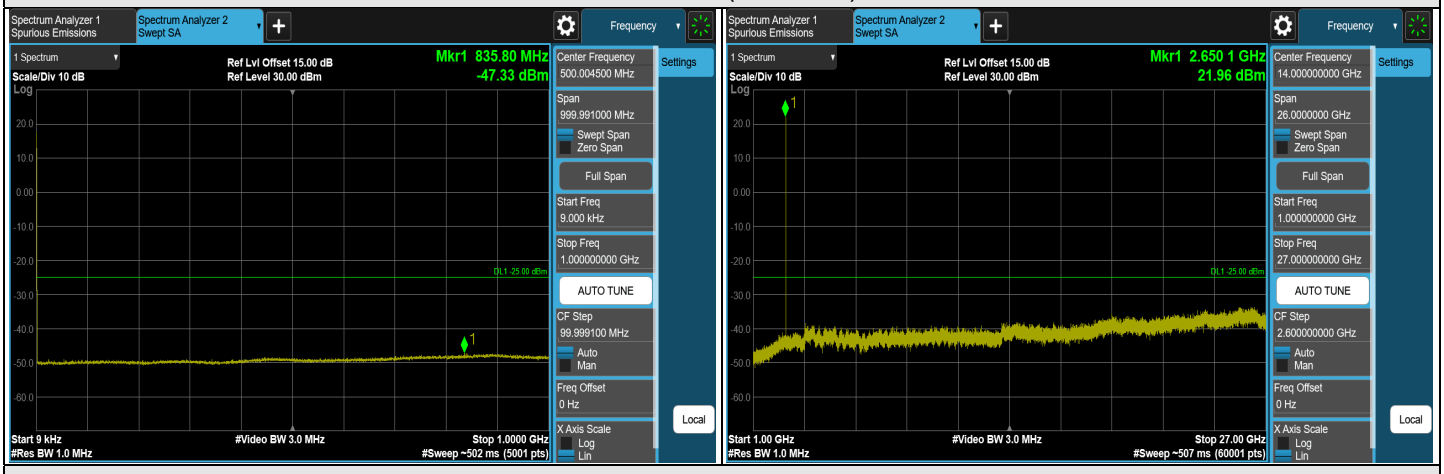
### LTE Band 41, Channel Bandwidth: 5 MHz




CH 40265 (2557.5MHz)

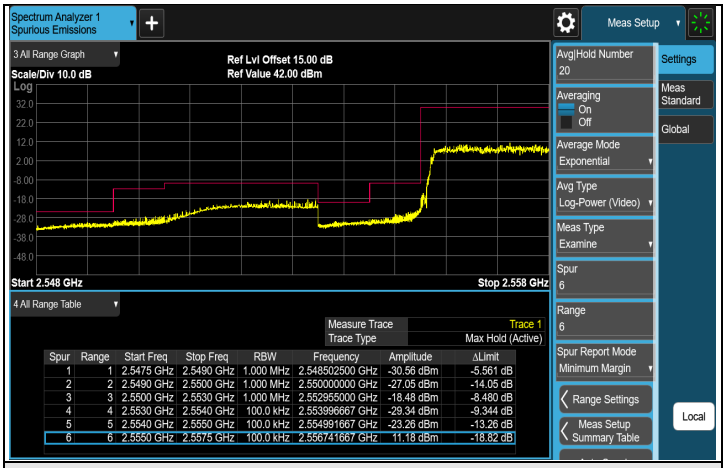



CH 40690 (2600MHz)

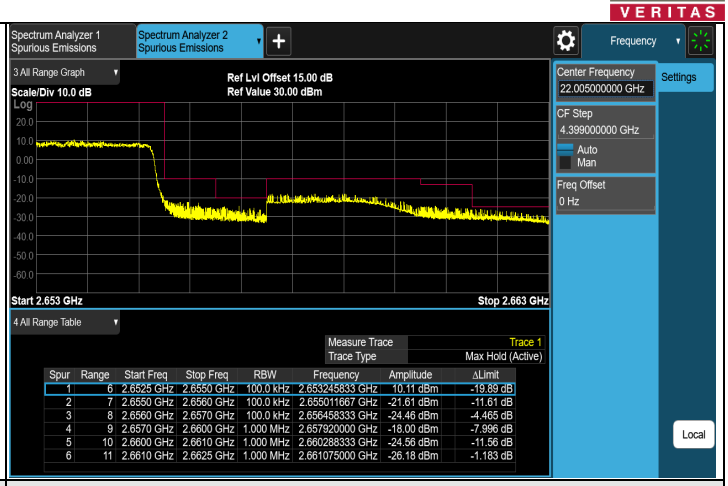



CH 41215 (2652.5MHz)

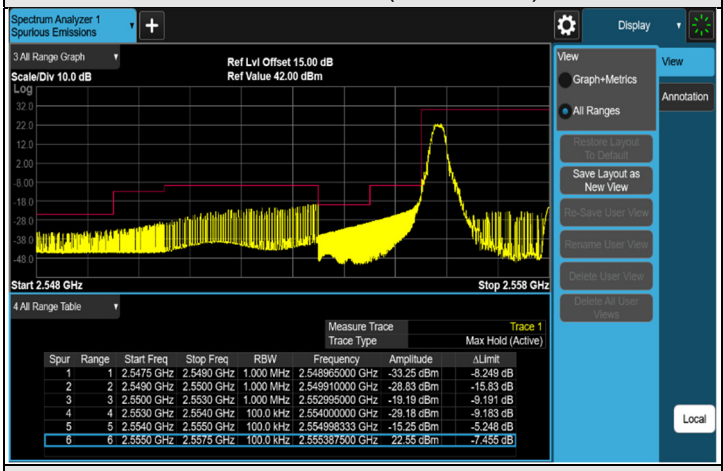
Note: The signal at 9 kHz is IF signal from spectrum analyzer.



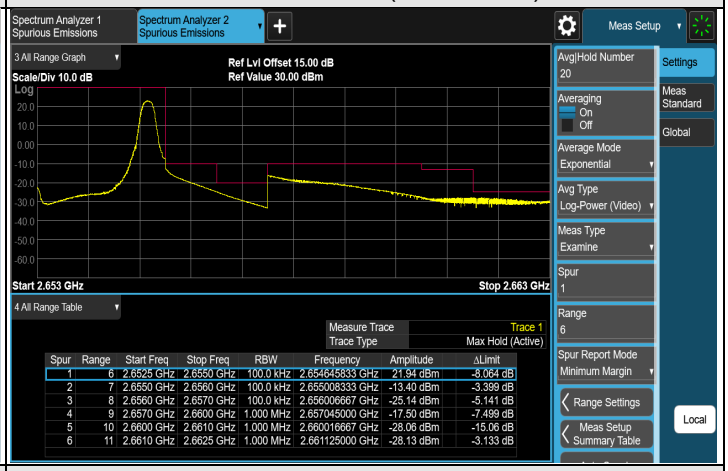

FULL CH 40265 (2557.5MHz)




FULL CH 41215 (2652.5MHz)

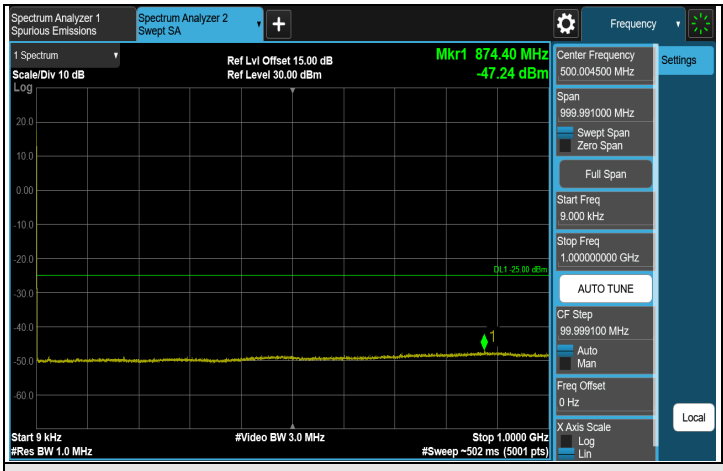


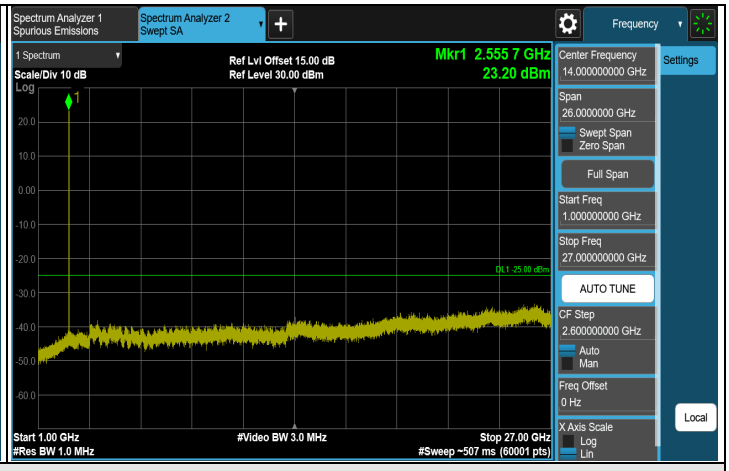

1RB CH 40265 (2557.5MHz)



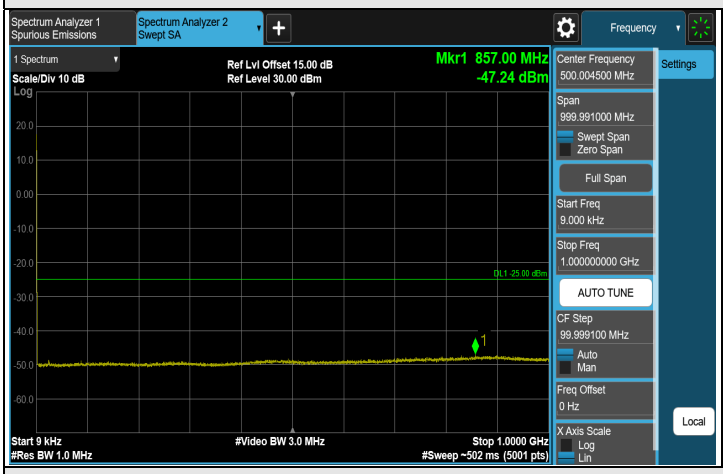

1RB CH 41215 (2652.5MHz)

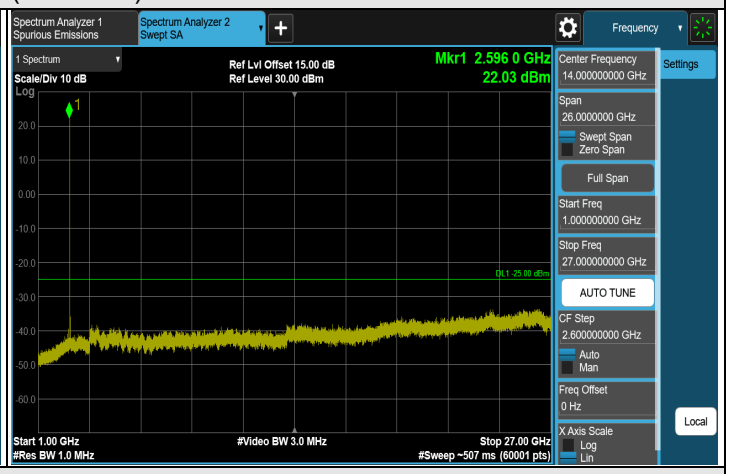
## LTE Band 41, Channel Bandwidth: 10 MHz



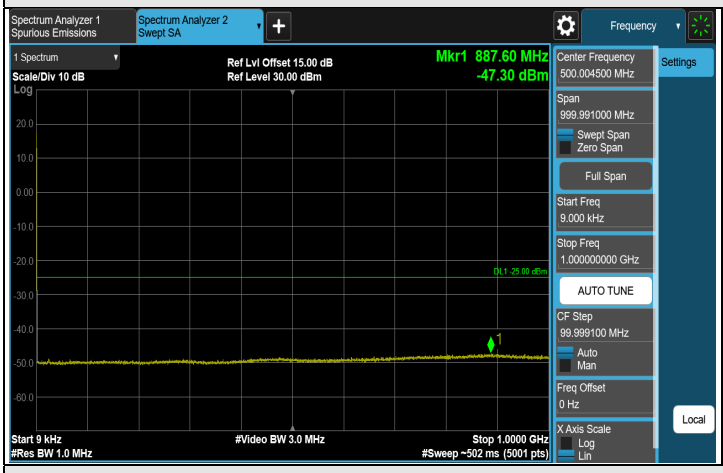



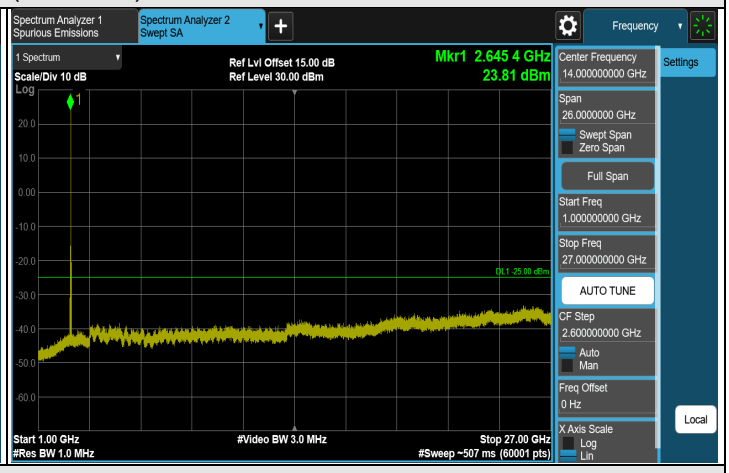

CH 40290 (2560MHz)



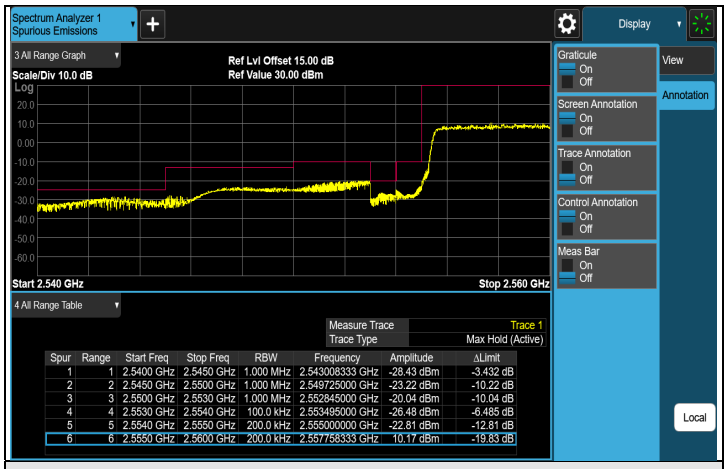

CH 40690 (2600MHz)



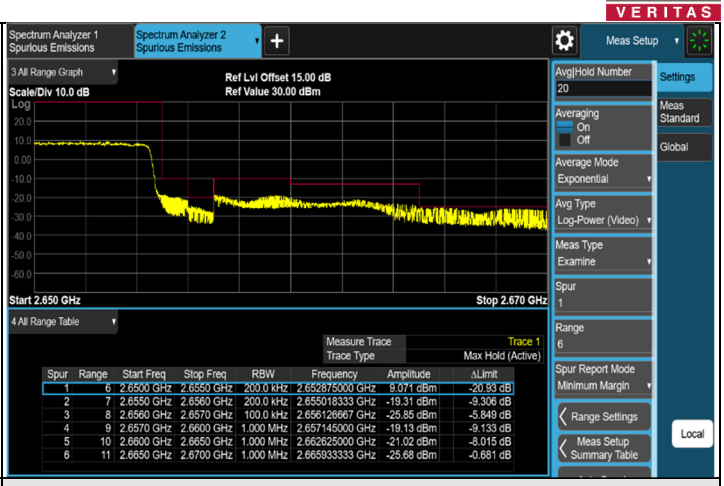




CH 41190 (2650MHz)

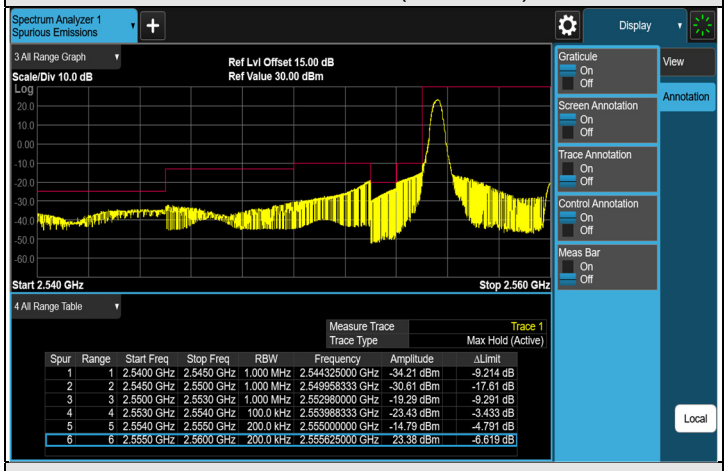
Note: The signal at 9 kHz is IF signal from spectrum analyzer.



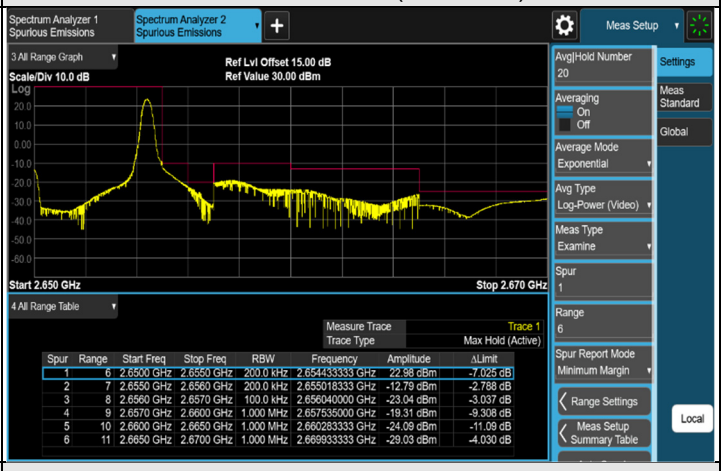

FULL CH 40290 (2560MHz)




FULL CH 41190 (2650MHz)

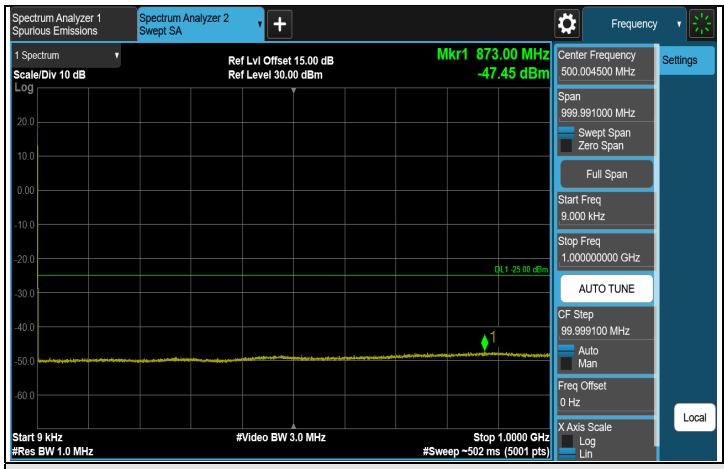


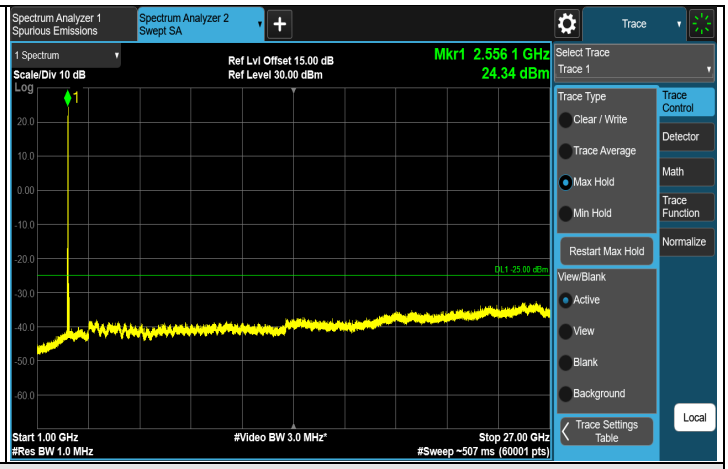

1RB CH 40290 (2560MHz)



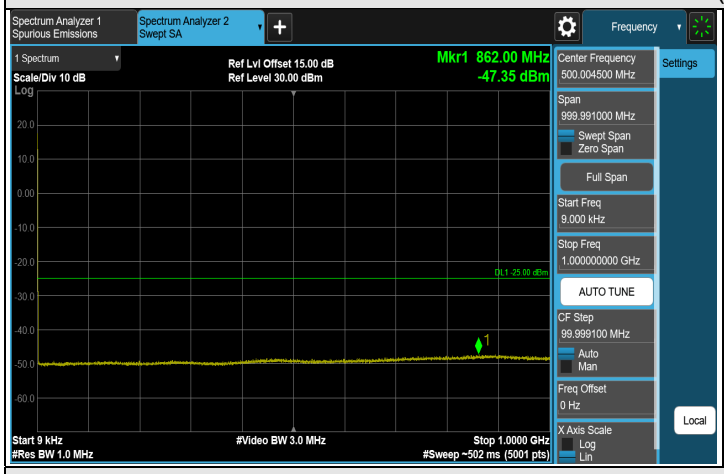

1RB CH 41190 (2650MHz)

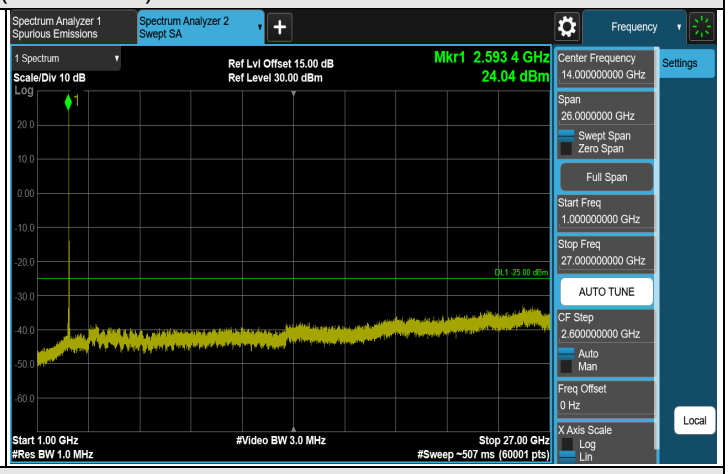
## LTE Band 41, Channel Bandwidth: 15 MHz



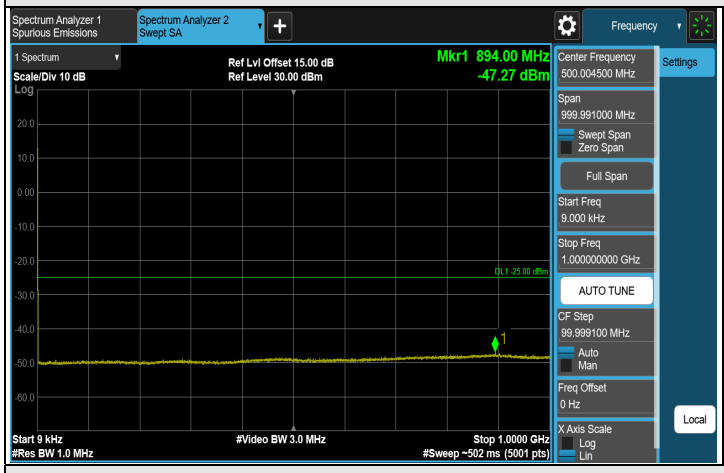



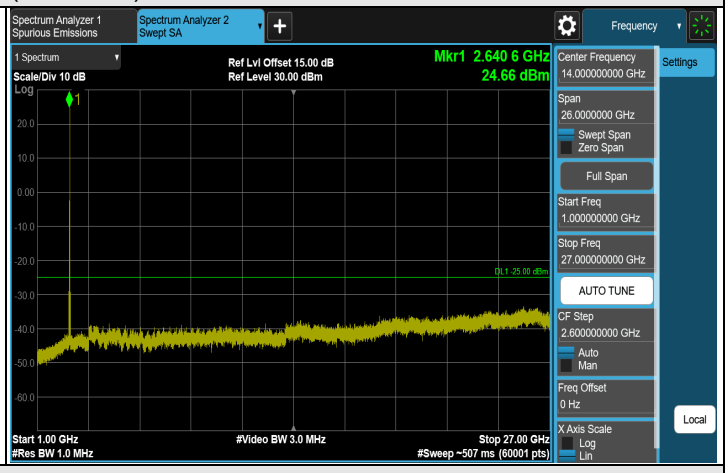

CH 40315 (2562.5MHz)



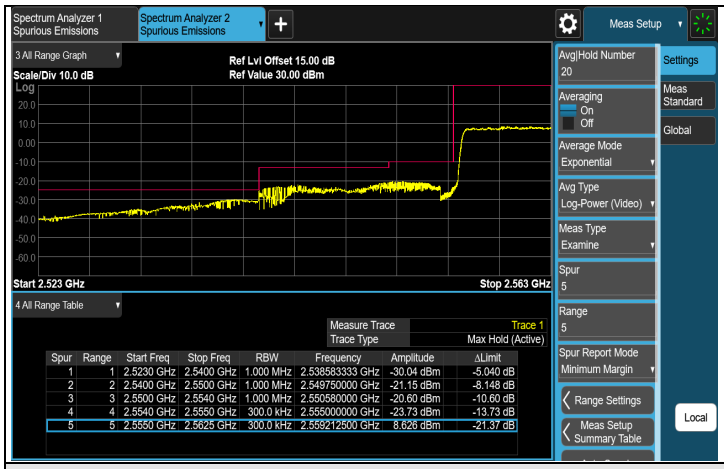

CH 40690 (2600MHz)



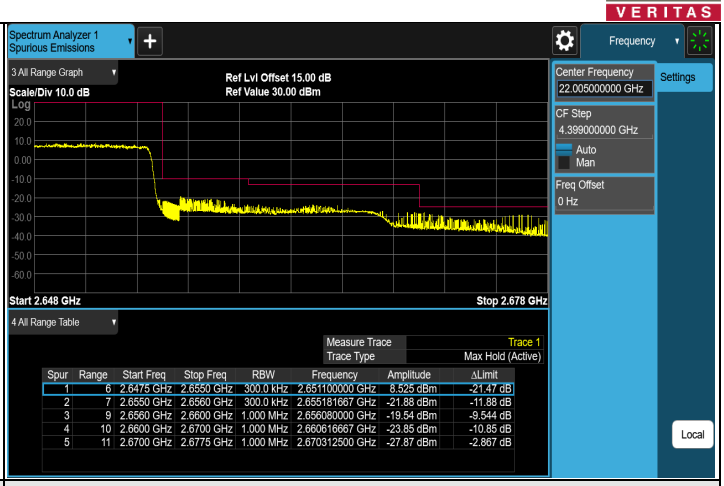




CH 41165 (2647.5MHz)

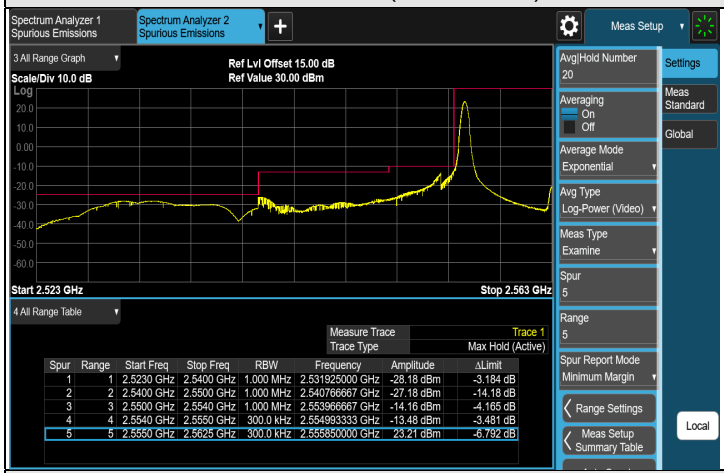
Note: The signal at 9 kHz is IF signal from spectrum analyzer.




FULL CH 40315 (2562.5MHz)



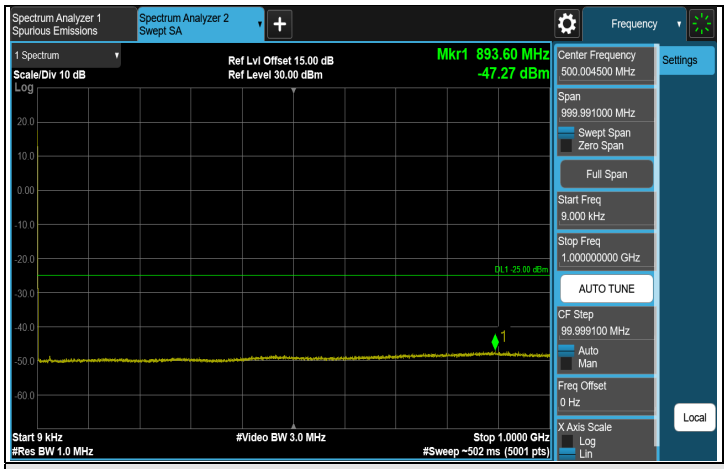

FULL CH 41165 (2647.5MHz)

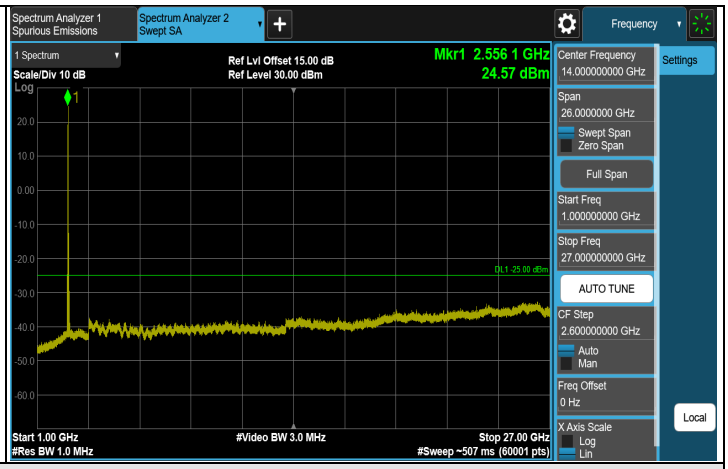



1RB CH 40315 (2562.5MHz)

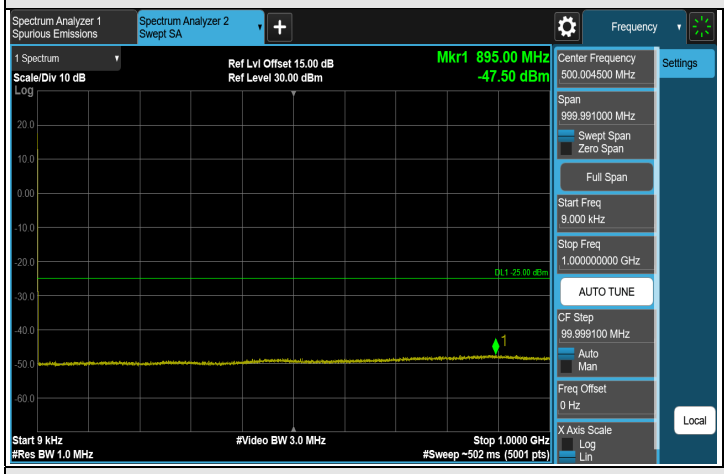

1RB CH 41165 (2647.5MHz)

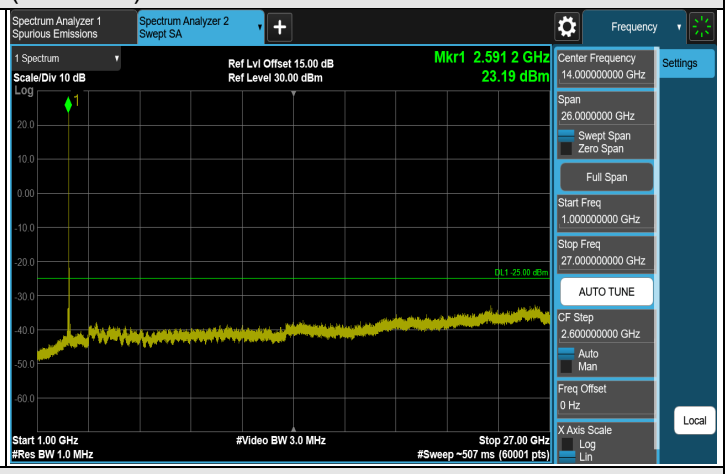
## LTE Band 41, Channel Bandwidth: 20 MHz



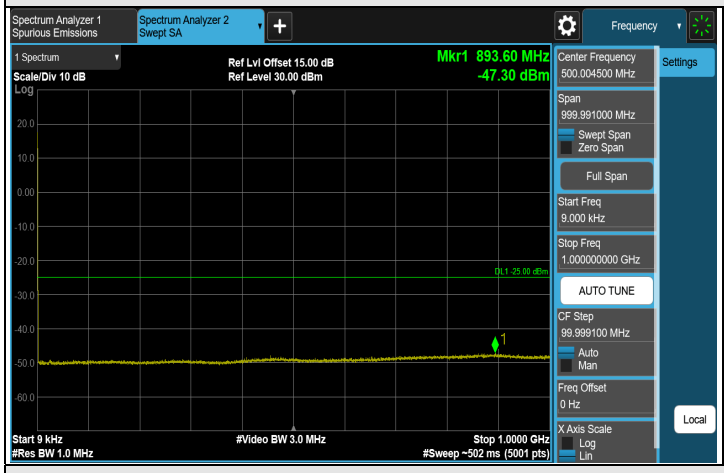



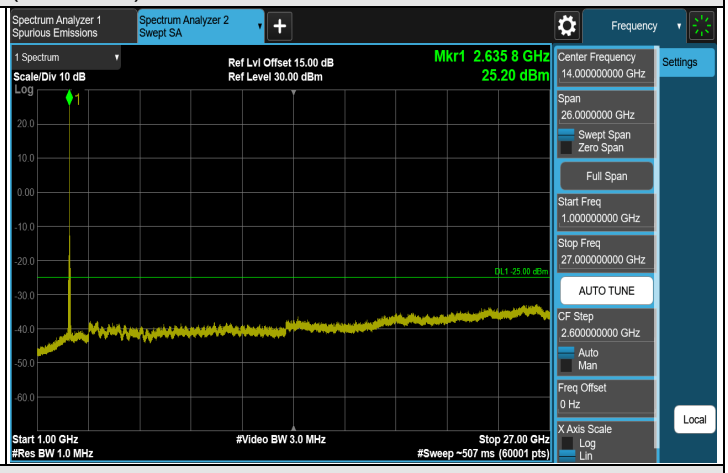

CH 40340 (2565MHz)



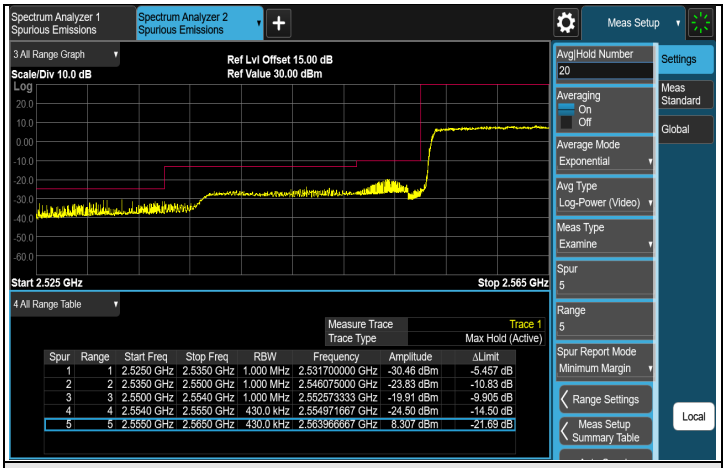

CH 40690 (2600MHz)



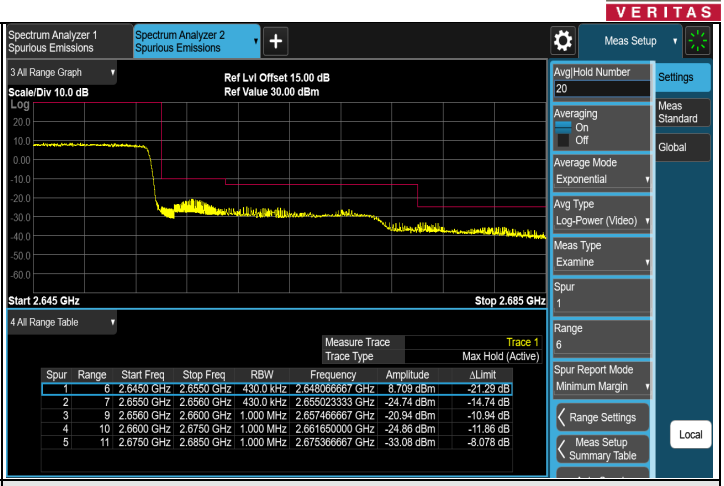




CH 41140 (2645MHz)

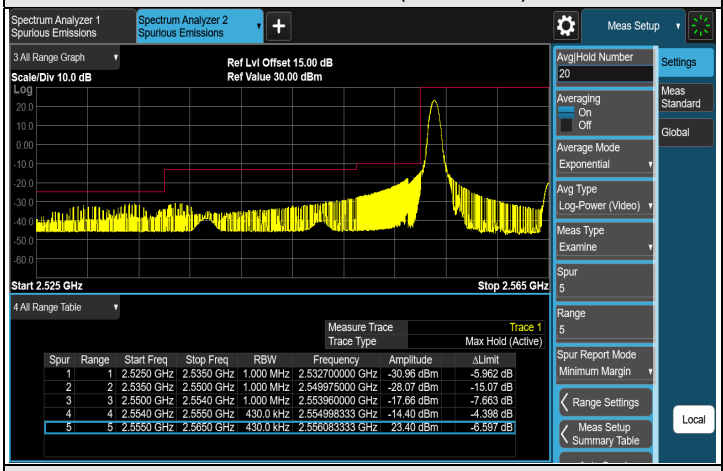
Note: The signal at 9 kHz is IF signal from spectrum analyzer.



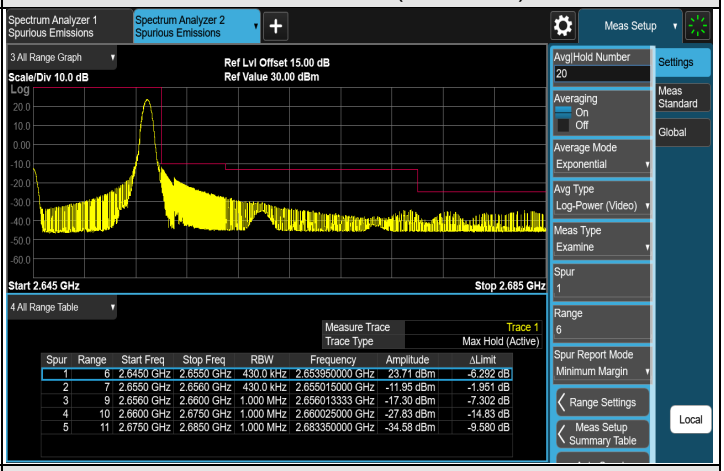

FULL CH 40340 (2565MHz)




FULL CH 41140 (2645MHz)




1RB CH 40340 (2565MHz)




1RB CH 41140 (2645MHz)

## 7.6 Radiated Spurious Emissions below 1GHz

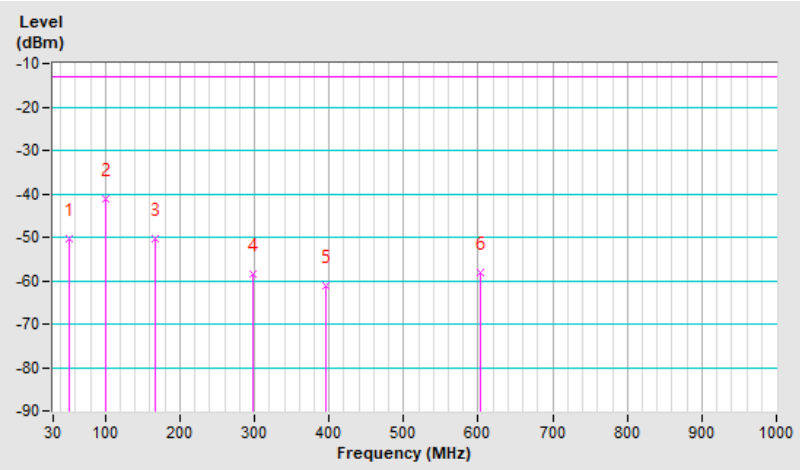
7.6.1 WCDMA Band 5

| | | | |
|---|---|---|---|
| **RF Mode** | WCDMA Band V | **Channel** | CH 4233：846.6 MHz |
| **Frequency Range** | 30 MHz ~ 1 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 51.09 | -50.32 | -13.00 | -37.32 | 1.50 H | 222 | 56.01 | -106.33 |
| 2 | 100.29 | -41.07 | -13.00 | -28.07 | 1.00 H | 23 | 69.57 | -110.64 |
| 3 | 167.77 | -50.37 | -13.00 | -37.37 | 1.00 H | 301 | 55.90 | -106.27 |
| 4 | 298.51 | -58.32 | -13.00 | -45.32 | 2.00 H | 178 | 46.51 | -104.83 |
| 5 | 395.51 | -61.03 | -13.00 | -48.03 | 2.00 H | 212 | 42.26 | -103.29 |
| 6 | 603.57 | -57.99 | -13.00 | -44.99 | 1.00 H | 111 | 41.08 | -99.07 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

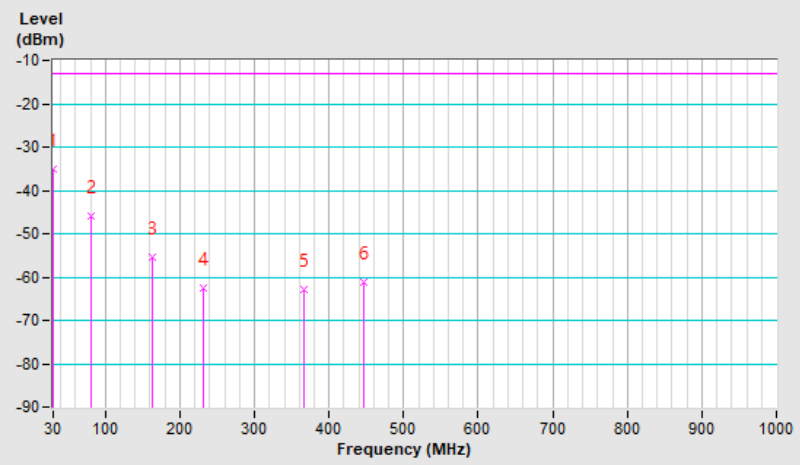


| RF Mode | WCDMA Band V | Channel | CH 4233：846.6 MHz |
|---|---|---|---|
| Frequency Range | 30 MHz ~ 1 GHz | Detector Function & Bandwidth | 1 MHz/3 MHz (RMS) |
| Input Power | 120 Vac, 60 Hz | Environmental Conditions | 19°C, 63% RH |
| Tested By | Edison Lee | | |

| Antenna Polarity & Test Distance : Vertical at 3 m | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 30.00 | -34.99 | -13.00 | -21.99 | 2.00 V | 93 | 72.82 | -107.81 |
| 2 | 80.61 | -46.04 | -13.00 | -33.04 | 1.00 V | 86 | 64.63 | -110.67 |
| 3 | 163.55 | -55.38 | -13.00 | -42.38 | 1.00 V | 225 | 50.68 | -106.06 |
| 4 | 231.03 | -62.42 | -13.00 | -49.42 | 1.00 V | 337 | 45.82 | -108.24 |
| 5 | 365.99 | -63.05 | -13.00 | -50.05 | 1.50 V | 65 | 40.62 | -103.67 |
| 6 | 446.12 | -61.04 | -13.00 | -48.04 | 1.00 V | 277 | 41.23 | -102.27 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



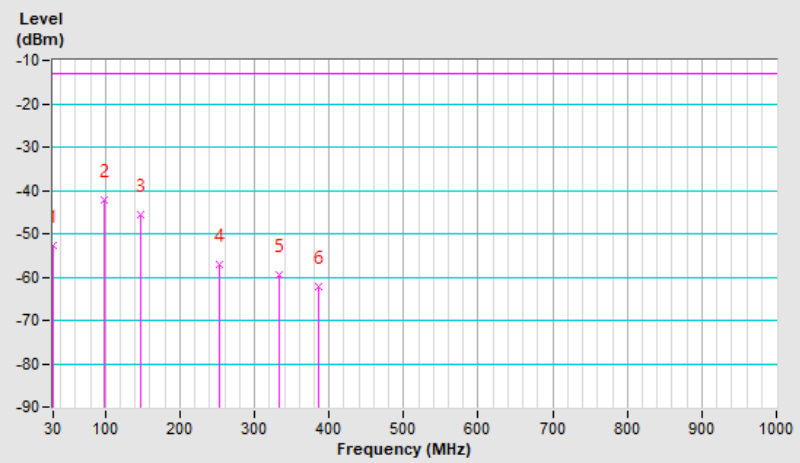
7.6.2 LTE Band 5

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 5<br>Channel Bandwidth: 10MHz | **Channel** | CH 20525：836.5 MHz |
| **Frequency Range** | 30 MHz ~ 1 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 30.00 | -52.75 | -13.00 | -39.75 | 2.00 H | 99 | 55.06 | -107.81 |
| 2 | 98.88 | -42.21 | -13.00 | -29.21 | 1.00 H | 343 | 68.67 | -110.88 |
| 3 | 146.68 | -45.62 | -13.00 | -32.62 | 1.50 H | 302 | 60.41 | -106.03 |
| 4 | 252.12 | -57.23 | -13.00 | -44.23 | 1.50 H | 330 | 49.32 | -106.55 |
| 5 | 333.65 | -59.44 | -13.00 | -46.44 | 1.00 H | 141 | 44.72 | -104.16 |
| 6 | 385.67 | -62.22 | -13.00 | -49.22 | 1.00 H | 213 | 41.10 | -103.32 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

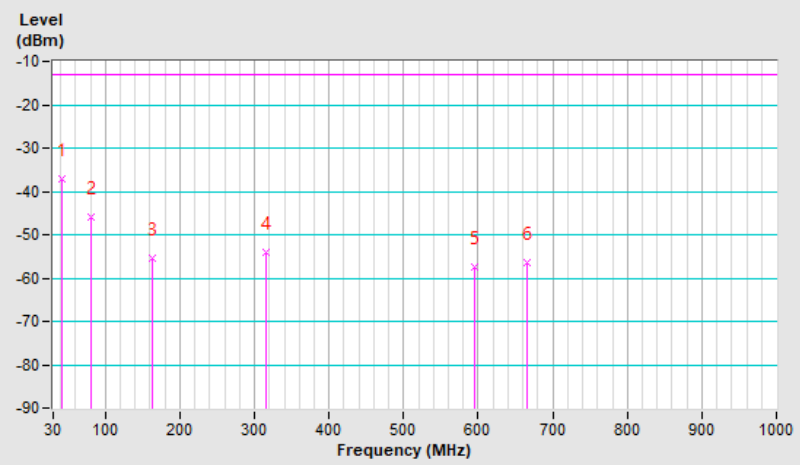


| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 5<br>Channel Bandwidth: 10MHz | **Channel** | CH 20525：836.5 MHz |
| **Frequency Range** | 30 MHz ~ 1 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| Antenna Polarity & Test Distance : Vertical at 3 m | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 41.25 | -36.95 | -13.00 | -23.95 | 2.00 V | 232 | 69.75 | -106.70 |
| 2 | 80.61 | -46.04 | -13.00 | -33.04 | 1.00 V | 86 | 64.63 | -110.67 |
| 3 | 163.55 | -55.38 | -13.00 | -42.38 | 1.00 V | 225 | 50.68 | -106.06 |
| 4 | 315.38 | -54.06 | -13.00 | -41.06 | 1.50 V | 148 | 50.34 | -104.40 |
| 5 | 595.13 | -57.61 | -13.00 | -44.61 | 1.50 V | 6 | 41.77 | -99.38 |
| 6 | 665.42 | -56.50 | -13.00 | -43.50 | 1.00 V | 146 | 41.74 | -98.24 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



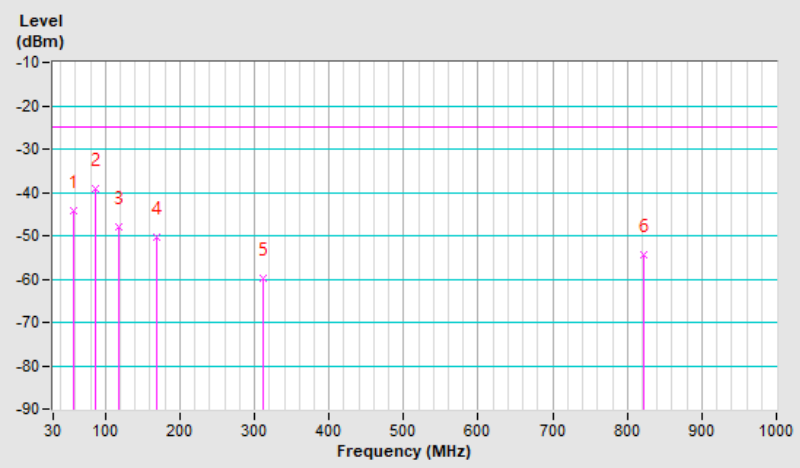
7.6.3 LTE Band 7

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 7<br>Channel Bandwidth: 20MHz | **Channel** | CH 21100：2535 MHz |
| **Frequency Range** | 30 MHz ~ 1 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 58.12 | -44.19 | -25.00 | -19.19 | 1.50 H | 153 | 60.39 | -104.58 |
| 2 | 87.64 | -39.25 | -25.00 | -14.25 | 1.50 H | 321 | 70.44 | -109.69 |
| 3 | 118.57 | -47.89 | -25.00 | -22.89 | 2.00 H | 297 | 58.49 | -106.38 |
| 4 | 169.17 | -50.31 | -25.00 | -25.31 | 1.00 H | 299 | 53.88 | -104.19 |
| 5 | 312.57 | -59.86 | -25.00 | -34.86 | 1.50 H | 225 | 42.47 | -102.33 |
| 6 | 821.46 | -54.26 | -25.00 | -29.26 | 1.00 H | 239 | 37.81 | -92.07 |

**Remarks:**

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

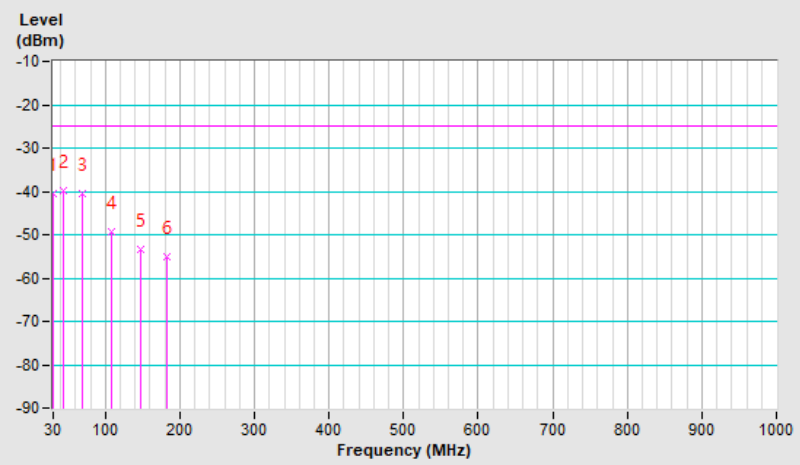


| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 7<br>Channel Bandwidth: 20MHz | **Channel** | CH 21100：2535 MHz |
| **Frequency Range** | 30 MHz ~ 1 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| Antenna Polarity & Test Distance : Vertical at 3 m | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 30.00 | -40.37 | -25.00 | -15.37 | 1.50 V | 6 | 65.29 | -105.66 |
| 2 | 44.06 | -39.94 | -25.00 | -14.94 | 1.00 V | 355 | 64.48 | -104.42 |
| 3 | 69.36 | -40.35 | -25.00 | -15.35 | 1.00 V | 6 | 65.82 | -106.17 |
| 4 | 107.32 | -49.18 | -25.00 | -24.18 | 2.00 V | 229 | 58.23 | -107.41 |
| 5 | 148.09 | -53.27 | -25.00 | -28.27 | 1.00 V | 211 | 50.70 | -103.97 |
| 6 | 183.23 | -55.16 | -25.00 | -30.16 | 1.50 V | 309 | 50.39 | -105.55 |

**Remarks:**

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



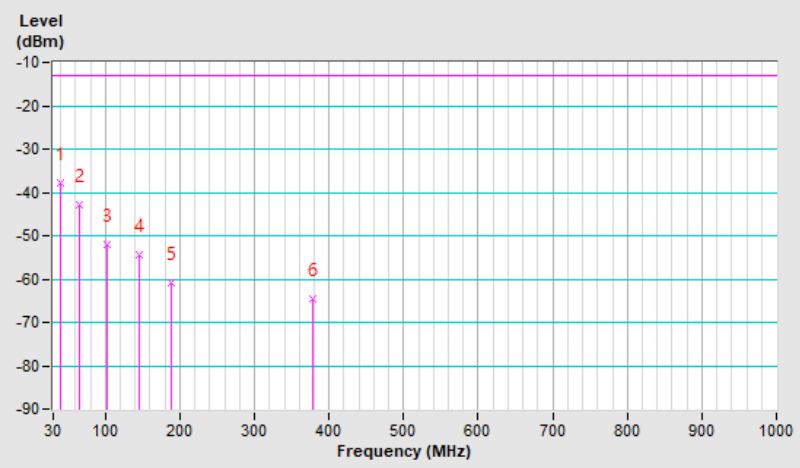
7.6.4 LTE Band 26 (Part 22)

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 26<br>Channel Bandwidth: 15MHz | **Channel** | CH 26915：836.5 MHz |
| **Frequency Range** | 30 MHz ~ 1 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 39.84 | -37.71 | -13.00 | -24.71 | 1.00 H | 160 | 69.28 | -106.99 |
| 2 | 65.14 | -42.96 | -13.00 | -29.96 | 1.00 H | 23 | 64.66 | -107.62 |
| 3 | 103.10 | -52.01 | -13.00 | -39.01 | 1.50 H | 264 | 58.21 | -110.22 |
| 4 | 145.28 | -54.25 | -13.00 | -41.25 | 1.00 H | 218 | 51.92 | -106.17 |
| 5 | 188.86 | -60.69 | -13.00 | -47.69 | 2.00 H | 353 | 47.75 | -108.44 |
| 6 | 377.23 | -64.59 | -13.00 | -51.59 | 1.00 H | 231 | 38.82 | -103.41 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

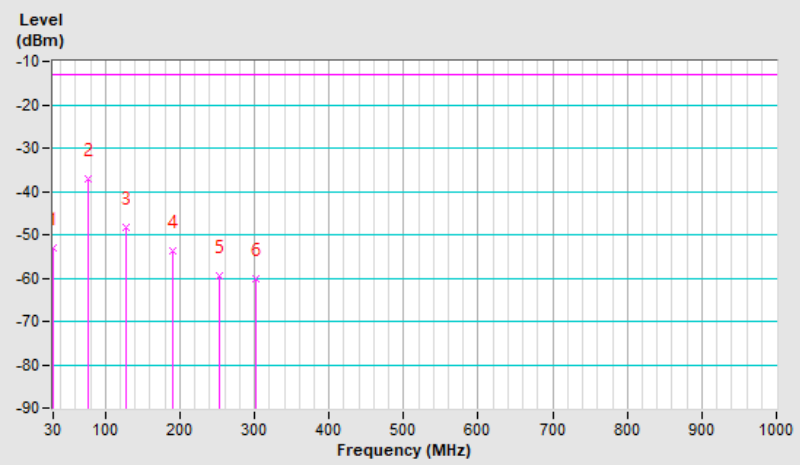


| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 26<br>Channel Bandwidth: 15MHz | **Channel** | CH 26915：836.5 MHz |
| **Frequency Range** | 30 MHz ~ 1 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| Antenna Polarity & Test Distance : Vertical at 3 m | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 30.00 | -53.20 | -13.00 | -40.20 | 2.00 V | 104 | 54.61 | -107.81 |
| 2 | 76.39 | -37.00 | -13.00 | -24.00 | 1.50 V | 272 | 72.50 | -109.50 |
| 3 | 128.41 | -48.19 | -13.00 | -35.19 | 1.00 V | 119 | 59.40 | -107.59 |
| 4 | 190.26 | -53.80 | -13.00 | -40.80 | 1.50 V | 291 | 54.72 | -108.52 |
| 5 | 253.52 | -59.51 | -13.00 | -46.51 | 1.00 V | 318 | 47.00 | -106.51 |
| 6 | 301.32 | -60.30 | -13.00 | -47.30 | 1.00 V | 222 | 44.46 | -104.76 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



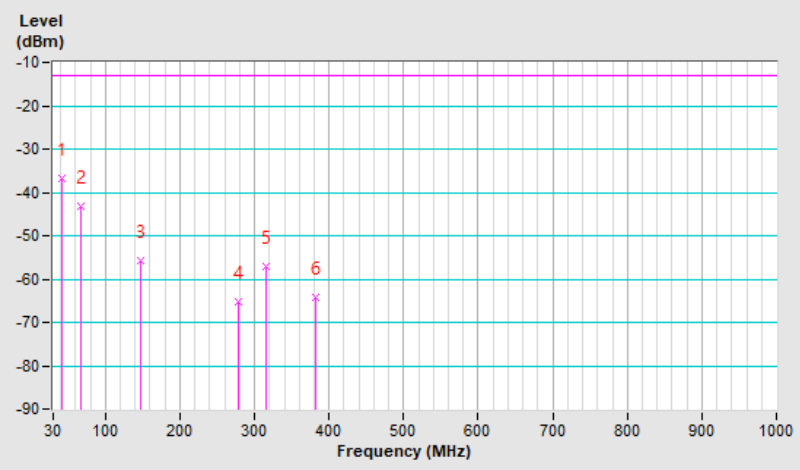
7.6.5 LTE Band 26 (Part 90)

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 26<br>Channel Bandwidth: 10MHz | **Channel** | CH 26740：819 MHz |
| **Frequency Range** | 30 MHz ~ 1 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 41.25 | -36.73 | -13.00 | -23.73 | 2.00 H | 153 | 69.97 | -106.70 |
| 2 | 67.96 | -43.34 | -13.00 | -30.34 | 1.00 H | 6 | 64.64 | -107.98 |
| 3 | 148.09 | -55.67 | -13.00 | -42.67 | 1.50 H | 237 | 50.45 | -106.12 |
| 4 | 277.42 | -65.22 | -13.00 | -52.22 | 1.00 H | 61 | 40.14 | -105.36 |
| 5 | 315.38 | -57.02 | -13.00 | -44.02 | 1.00 H | 93 | 47.38 | -104.40 |
| 6 | 381.45 | -64.24 | -13.00 | -51.24 | 1.50 H | 234 | 39.10 | -103.34 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

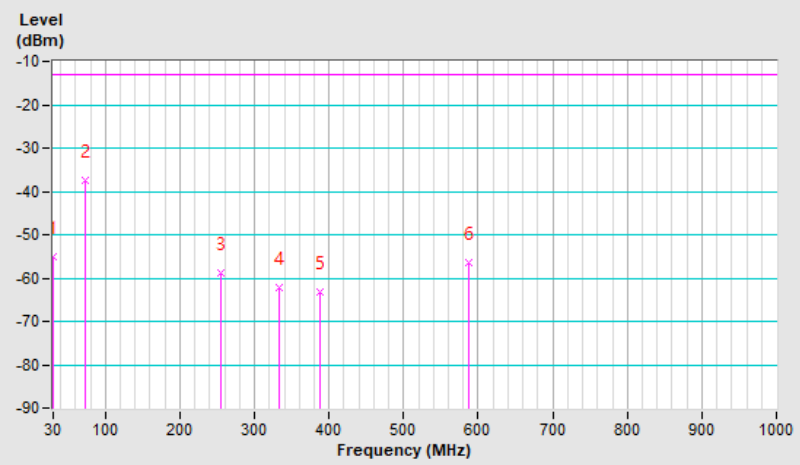


| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 26<br>Channel Bandwidth: 10MHz | **Channel** | CH 26740：819 MHz |
| **Frequency Range** | 30 MHz ~ 1 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| Antenna Polarity & Test Distance : Vertical at 3 m | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 30.00 | -54.96 | -13.00 | -41.96 | 2.00 V | 99 | 52.85 | -107.81 |
| 2 | 73.58 | -37.62 | -13.00 | -24.62 | 1.00 V | 245 | 71.25 | -108.87 |
| 3 | 254.93 | -58.70 | -13.00 | -45.70 | 1.00 V | 319 | 47.77 | -106.47 |
| 4 | 332.25 | -62.22 | -13.00 | -49.22 | 1.00 V | 80 | 41.94 | -104.16 |
| 5 | 388.48 | -63.35 | -13.00 | -50.35 | 1.50 V | 17 | 39.95 | -103.30 |
| 6 | 586.70 | -56.44 | -13.00 | -43.44 | 1.00 V | 196 | 43.17 | -99.61 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



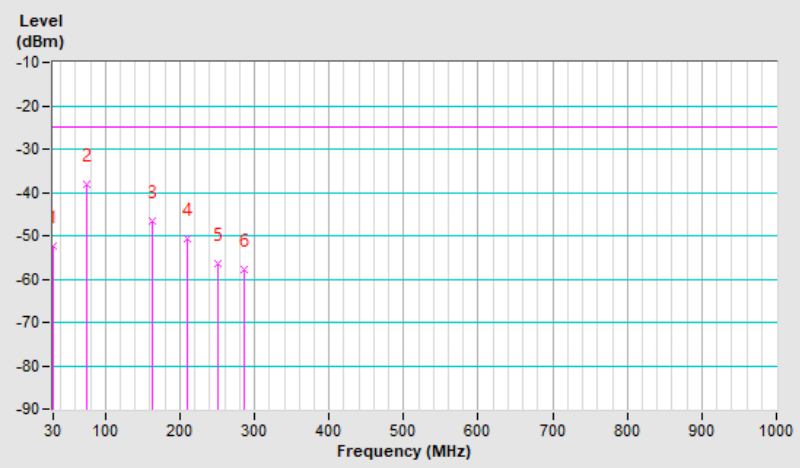
7.6.6 LTE Band 38

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 38<br>Channel Bandwidth: 20MHz | **Channel** | CH 38000：2595 MHz |
| **Frequency Range** | 30 MHz ~ 1 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 30.00 | -52.32 | -25.00 | -27.32 | 1.00 H | 70 | 53.34 | -105.66 |
| 2 | 74.99 | -38.30 | -25.00 | -13.30 | 2.00 H | 3 | 68.55 | -106.85 |
| 3 | 162.14 | -46.45 | -25.00 | -21.45 | 1.00 H | 323 | 57.38 | -103.83 |
| 4 | 209.94 | -50.80 | -25.00 | -25.80 | 1.50 H | 44 | 55.77 | -106.57 |
| 5 | 250.71 | -56.54 | -25.00 | -31.54 | 1.50 H | 205 | 47.90 | -104.44 |
| 6 | 285.86 | -57.68 | -25.00 | -32.68 | 1.00 H | 112 | 45.31 | -102.99 |

**Remarks:**

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

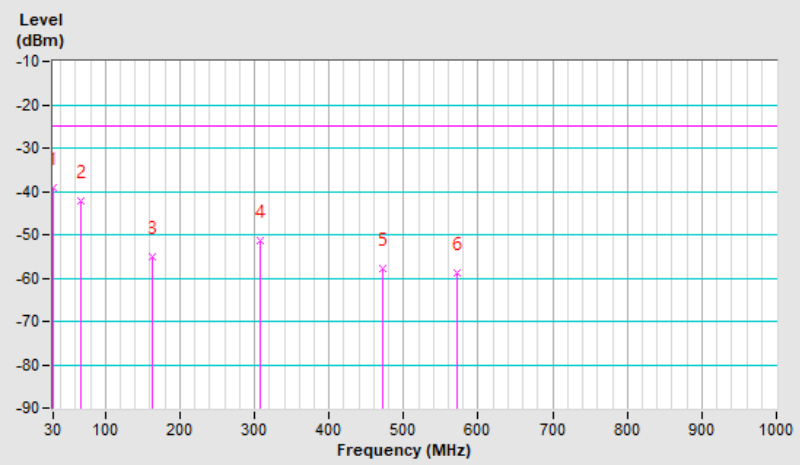


| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 38<br>Channel Bandwidth: 20MHz | **Channel** | CH 38000：2595 MHz |
| **Frequency Range** | 30 MHz ~ 1 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| Antenna Polarity & Test Distance : Vertical at 3 m | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 30.00 | -39.15 | -25.00 | -14.15 | 2.00 V | 128 | 66.51 | -105.66 |
| 2 | 67.96 | -42.09 | -25.00 | -17.09 | 1.00 V | 6 | 63.74 | -105.83 |
| 3 | 162.14 | -54.97 | -25.00 | -29.97 | 1.00 V | 242 | 48.86 | -103.83 |
| 4 | 308.35 | -51.29 | -25.00 | -26.29 | 1.00 V | 143 | 51.16 | -102.45 |
| 5 | 472.83 | -57.90 | -25.00 | -32.90 | 1.00 V | 42 | 41.86 | -99.76 |
| 6 | 571.23 | -58.73 | -25.00 | -33.73 | 1.50 V | 113 | 39.34 | -98.07 |

**Remarks:**

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



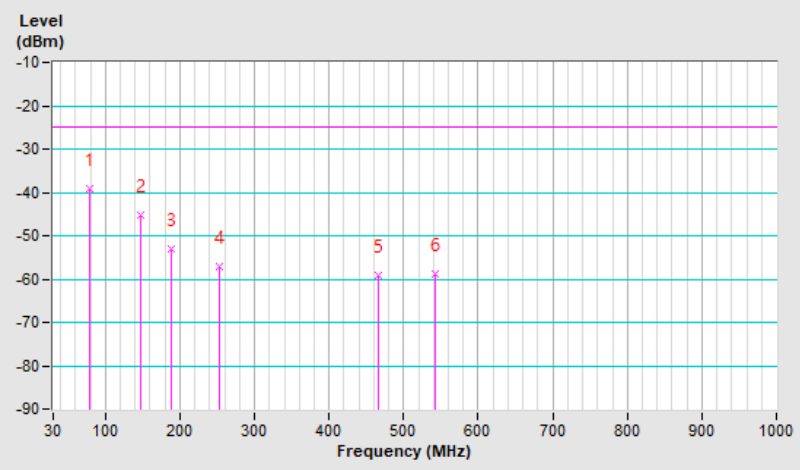
7.6.7 LTE Band 41

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 41<br>Channel Bandwidth: 20MHz | **Channel** | CH 40690：2600 MHz |
| **Frequency Range** | 30 MHz ~ 1 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 79.20 | -39.22 | -25.00 | -14.22 | 1.00 H | 26 | 68.84 | -108.06 |
| 2 | 146.68 | -45.31 | -25.00 | -20.31 | 1.00 H | 305 | 58.57 | -103.88 |
| 3 | 188.86 | -53.20 | -25.00 | -28.20 | 1.50 H | 274 | 53.09 | -106.29 |
| 4 | 253.52 | -57.05 | -25.00 | -32.05 | 1.00 H | 152 | 47.31 | -104.36 |
| 5 | 465.80 | -58.99 | -25.00 | -33.99 | 2.00 H | 255 | 40.79 | -99.78 |
| 6 | 541.71 | -58.81 | -25.00 | -33.81 | 1.00 H | 165 | 39.91 | -98.72 |

**Remarks:**

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

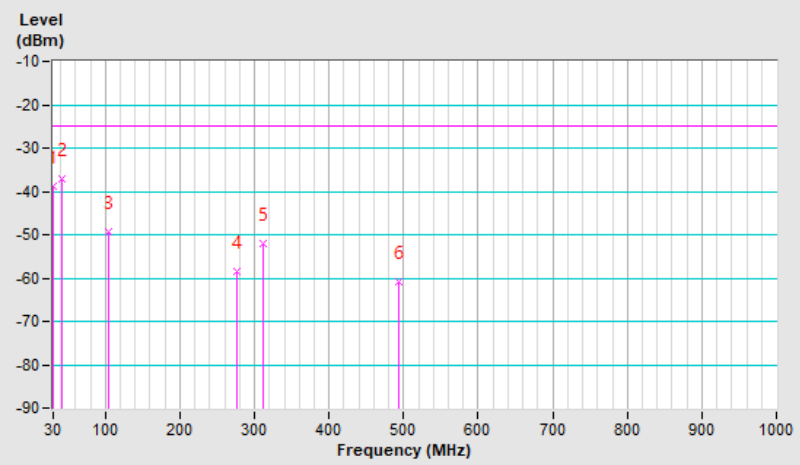


| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 41<br>Channel Bandwidth: 20MHz | **Channel** | CH 40690：2600 MHz |
| **Frequency Range** | 30 MHz ~ 1 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| Antenna Polarity & Test Distance : Vertical at 3 m | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 30.00 | -38.81 | -25.00 | -13.81 | 1.00 V | 26 | 66.85 | -105.66 |
| **2** | **41.25** | **-37.19** | **-25.00** | **-12.19** | **1.00 V** | **131** | **67.36** | **-104.55** |
| 3 | 104.51 | -49.32 | -25.00 | -24.32 | 1.00 V | 43 | 58.48 | -107.80 |
| 4 | 276.01 | -58.54 | -25.00 | -33.54 | 1.00 V | 45 | 44.72 | -103.26 |
| 5 | 311.16 | -51.89 | -25.00 | -26.89 | 1.00 V | 121 | 50.48 | -102.37 |
| 6 | 493.91 | -60.96 | -25.00 | -35.96 | 1.00 V | 17 | 38.60 | -99.56 |

**Remarks:**

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



## 7.7 Radiated Spurious Emissions above 1GHz

7.7.1 WCDMA Band 5

| | | | |
|---|---|---|---|
| **RF Mode** | WCDMA Band V 1 | **Channel** | CH 4132：826.4 MHz |
| **Frequency Range** | 1 GHz ~ 18 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 1652.80 | -59.11 | -13.00 | -46.11 | 1.78 H | 85 | 40.41 | -99.52 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 1652.80 | -56.00 | -13.00 | -43.00 | 1.27 V | 31 | 43.52 | -99.52 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| RF Mode | WCDMA Band V | Channel | CH 4182：836.4 MHz |
|---|---|---|---|
| Frequency Range | 1 GHz ~ 18 GHz | Detector Function & Bandwidth | 1 MHz/3 MHz (RMS) |
| Input Power | 120 Vac, 60 Hz | Environmental Conditions | 19°C, 63% RH |
| Tested By | Edison Lee | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1672.80 | -58.70 | -13.00 | -45.70 | 1.83 H | 97 | 40.70 | -99.40 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1672.80 | -55.70 | -13.00 | -42.70 | 1.22 V | 32 | 43.70 | -99.40 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| RF Mode | WCDMA Band V | Channel | CH 4233：846.6 MHz |
|---|---|---|---|
| Frequency Range | 1 GHz ~ 18 GHz | Detector Function & Bandwidth | 1 MHz/3 MHz (RMS) |
| Input Power | 120 Vac, 60 Hz | Environmental Conditions | 19°C, 63% RH |
| Tested By | Edison Lee | | |

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1693.20 | -58.71 | -13.00 | -45.71 | 1.73 H | 86 | 40.57 | -99.28 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| No | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 1693.20 | -55.69 | -13.00 | -42.69 | 1.22 V | 20 | 43.59 | -99.28 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

7.7.2 LTE Band 5

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 5<br>Channel Bandwidth: 1.4MHz | **Channel** | CH 20407：824.7 MHz |
| **Frequency Range** | 1 GHz ~ 18 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 1649.40 | -56.71 | -13.00 | -43.71 | 1.82 H | 90 | 40.68 | -97.39 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 1649.40 | -55.85 | -13.00 | -42.85 | 1.27 V | 16 | 43.69 | -99.54 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 5<br>Channel Bandwidth: 1.4MHz | **Channel** | CH 20525：836.5 MHz |
| **Frequency Range** | 1 GHz ~ 18 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 1673.00 | -56.92 | -13.00 | -43.92 | 1.79 H | 93 | 42.48 | -99.40 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 1673.00 | -55.75 | -13.00 | -42.75 | 1.17 V | 19 | 43.65 | -99.40 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 5<br>Channel Bandwidth: 1.4MHz | **Channel** | CH 20643：848.3 MHz |
| **Frequency Range** | 1 GHz ~ 18 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 1696.60 | -56.58 | -13.00 | -43.58 | 1.82 H | 87 | 42.68 | -99.26 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 1696.60 | -55.57 | -13.00 | -42.57 | 1.18 V | 16 | 43.69 | -99.26 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 5<br>Channel Bandwidth: 5MHz | **Channel** | CH 20425：826.5 MHz |
| **Frequency Range** | 1 GHz ~ 18 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 1653.00 | -56.80 | -13.00 | -43.80 | 1.82 H | 89 | 42.72 | -99.52 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 1653.00 | -55.68 | -13.00 | -42.68 | 1.27 V | 14 | 43.84 | -99.52 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 5<br>Channel Bandwidth: 5MHz | **Channel** | CH 20525：836.5 MHz |
| **Frequency Range** | 1 GHz ~ 18 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 1673.00 | -56.58 | -13.00 | -43.58 | 1.76 H | 94 | 42.82 | -99.40 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 1673.00 | -55.74 | -13.00 | -42.74 | 1.23 V | 16 | 43.66 | -99.40 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 5<br>Channel Bandwidth: 5MHz | **Channel** | CH 20625：846.5 MHz |
| **Frequency Range** | 1 GHz ~ 18 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 1693.00 | -56.64 | -13.00 | -43.64 | 1.79 H | 87 | 42.64 | -99.28 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 1693.00 | -55.49 | -13.00 | -42.49 | 1.24 V | 15 | 43.79 | -99.28 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 5<br>Channel Bandwidth: 10MHz | **Channel** | CH 20450：829 MHz |
| **Frequency Range** | 1 GHz ~ 18 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 1658.00 | -56.67 | -13.00 | -43.67 | 1.80 H | 91 | 42.82 | -99.49 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 1658.00 | -55.58 | -13.00 | -42.58 | 1.21 V | 17 | 43.91 | -99.49 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 5<br>Channel Bandwidth: 10MHz | **Channel** | CH 20525：836.5 MHz |
| **Frequency Range** | 1 GHz ~ 18 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 1673.00 | -56.35 | -13.00 | -43.35 | 1.79 H | 90 | 43.05 | -99.40 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 1673.00 | -55.25 | -13.00 | -42.25 | 1.22 V | 15 | 44.15 | -99.40 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 5<br>Channel Bandwidth: 10MHz | **Channel** | CH 20600：844 MHz |
| **Frequency Range** | 1 GHz ~ 18 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 1688.00 | -56.52 | -13.00 | -43.52 | 1.74 H | 92 | 42.79 | -99.31 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 1688.00 | -55.34 | -13.00 | -42.34 | 1.22 V | 14 | 43.97 | -99.31 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

7.7.3 LTE Band 7

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 7<br>Channel Bandwidth: 5MHz | **Channel** | CH 20775：2502.5 MHz |
| **Frequency Range** | 1 GHz ~ 27 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5005.00 | -45.57 | -25.00 | -20.57 | 3.47 H | 45 | 37.63 | -83.20 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5005.00 | -40.41 | -25.00 | -15.41 | 2.63 V | 154 | 42.79 | -83.20 |

**Remarks:**

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 7<br>Channel Bandwidth: 5MHz | **Channel** | CH 21100：2535 MHz |
| **Frequency Range** | 1 GHz ~ 27 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5070.00 | -45.02 | -25.00 | -20.02 | 3.46 H | 43 | 37.70 | -82.72 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5070.00 | -39.99 | -25.00 | -14.99 | 2.62 V | 158 | 42.73 | -82.72 |

**Remarks:**

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 7<br>Channel Bandwidth: 5MHz | **Channel** | CH 21425：2567.5 MHz |
| **Frequency Range** | 1 GHz ~ 27 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5135.00 | -44.65 | -25.00 | -19.65 | 3.47 H | 42 | 37.98 | -82.63 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5135.00 | -40.02 | -25.00 | -15.02 | 2.64 V | 156 | 42.61 | -82.63 |

**Remarks:**

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 7<br>Channel Bandwidth: 20MHz | **Channel** | CH 20850：2510 MHz |
| **Frequency Range** | 1 GHz ~ 27 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5020.00 | -45.41 | -25.00 | -20.41 | 3.45 H | 43 | 37.65 | -83.06 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5020.00 | -40.50 | -25.00 | -15.50 | 2.59 V | 159 | 42.56 | -83.06 |

**Remarks:**

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 7<br>Channel Bandwidth: 20MHz | **Channel** | CH 21100：2535 MHz |
| **Frequency Range** | 1 GHz ~ 27 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5070.00 | -44.52 | -25.00 | -19.52 | 3.48 H | 41 | 38.20 | -82.72 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5070.00 | -39.72 | -25.00 | -14.72 | 2.59 V | 155 | 43.00 | -82.72 |

**Remarks:**

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 7<br>Channel Bandwidth: 20MHz | **Channel** | CH 21350：2560 MHz |
| **Frequency Range** | 1 GHz ~ 27 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5120.00 | -44.69 | -25.00 | -19.69 | 3.46 H | 39 | 37.93 | -82.62 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5120.00 | -40.05 | -25.00 | -15.05 | 2.61 V | 153 | 42.57 | -82.62 |

**Remarks:**

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.7.4 LTE Band 26 (Part 22)

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 26<br>Channel Bandwidth: 1.4MHz | **Channel** | CH 26797：824.7 MHz |
| **Frequency Range** | 1 GHz ~ 18 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2474.10 | -54.94 | -13.00 | -41.94 | 1.93 H | 241 | 40.26 | -95.20 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2474.10 | -51.83 | -13.00 | -38.83 | 2.63 V | 188 | 43.37 | -95.20 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 26<br>Channel Bandwidth: 1.4MHz | **Channel** | CH 26915：836.5 MHz |
| **Frequency Range** | 1 GHz ~ 18 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2509.50 | -55.32 | -13.00 | -42.32 | 1.96 H | 242 | 39.75 | -95.07 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2509.50 | -51.46 | -13.00 | -38.46 | 2.58 V | 189 | 43.61 | -95.07 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 26<br>Channel Bandwidth: 1.4MHz | **Channel** | CH 27033：848.3 MHz |
| **Frequency Range** | 1 GHz ~ 18 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2544.90 | -54.97 | -13.00 | -41.97 | 1.99 H | 246 | 39.95 | -94.92 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2544.90 | -51.45 | -13.00 | -38.45 | 2.60 V | 190 | 43.47 | -94.92 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 26<br>Channel Bandwidth: 5MHz | **Channel** | CH 26815：826.5 MHz |
| **Frequency Range** | 1 GHz ~ 18 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2479.50 | -55.02 | -13.00 | -42.02 | 1.99 H | 245 | 40.17 | -95.19 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2479.50 | -51.31 | -13.00 | -38.31 | 2.65 V | 199 | 43.88 | -95.19 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 26<br>Channel Bandwidth: 5MHz | **Channel** | CH 26915：836.5 MHz |
| **Frequency Range** | 1 GHz ~ 18 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2509.50 | -55.51 | -13.00 | -42.51 | 1.91 H | 245 | 39.56 | -95.07 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2509.50 | -51.27 | -13.00 | -38.27 | 2.59 V | 188 | 43.80 | -95.07 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 26<br>Channel Bandwidth: 5MHz | **Channel** | CH 27015：846.5 MHz |
| **Frequency Range** | 1 GHz ~ 18 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2539.50 | -55.09 | -13.00 | -42.09 | 2.00 H | 244 | 39.85 | -94.94 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2539.50 | -51.10 | -13.00 | -38.10 | 2.67 V | 191 | 43.84 | -94.94 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 26<br>Channel Bandwidth: 15MHz | **Channel** | CH 26865：831.5 MHz |
| **Frequency Range** | 1 GHz ~ 18 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2494.50 | -55.56 | -13.00 | -42.56 | 1.99 H | 245 | 39.56 | -95.12 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2494.50 | -51.24 | -13.00 | -38.24 | 2.62 V | 191 | 43.88 | -95.12 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 26<br>Channel Bandwidth: 15MHz | **Channel** | CH 26915：836.5 MHz |
| **Frequency Range** | 1 GHz ~ 18 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2509.50 | -54.47 | -13.00 | -41.47 | 1.96 H | 244 | 40.60 | -95.07 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2509.50 | -50.97 | -13.00 | -37.97 | 2.62 V | 191 | 44.10 | -95.07 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 26<br>Channel Bandwidth: 15MHz | **Channel** | CH 26965：841.5 MHz |
| **Frequency Range** | 1 GHz ~ 18 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2524.50 | -54.59 | -13.00 | -41.59 | 1.96 H | 242 | 40.41 | -95.00 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2524.50 | -51.43 | -13.00 | -38.43 | 2.67 V | 188 | 43.57 | -95.00 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

7.7.5 LTE Band 26 (Part 90)

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 26<br>Channel Bandwidth: 1.4MHz | **Channel** | CH 26697：814.7 MHz |
| **Frequency Range** | 1 GHz ~ 18 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2444.10 | -55.94 | -13.00 | -42.94 | 1.98 H | 253 | 39.34 | -95.28 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2444.10 | -52.05 | -13.00 | -39.05 | 2.78 V | 181 | 43.23 | -95.28 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 26<br>Channel Bandwidth: 1.4MHz | **Channel** | CH 26740：819 MHz |
| **Frequency Range** | 1 GHz ~ 18 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2457.00 | -55.99 | -13.00 | -42.99 | 1.91 H | 252 | 39.27 | -95.26 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2457.00 | -51.79 | -13.00 | -38.79 | 2.75 V | 182 | 43.47 | -95.26 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 26<br>Channel Bandwidth: 1.4MHz | **Channel** | CH 26783：823.3 MHz |
| **Frequency Range** | 1 GHz ~ 18 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2469.90 | -56.09 | -13.00 | -43.09 | 1.90 H | 253 | 39.12 | -95.21 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2469.90 | -52.07 | -13.00 | -39.07 | 2.76 V | 183 | 43.14 | -95.21 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 26<br>Channel Bandwidth: 5MHz | **Channel** | CH 26715：816.5 MHz |
| **Frequency Range** | 1 GHz ~ 18 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2449.50 | -55.54 | -13.00 | -42.54 | 1.93 H | 257 | 39.75 | -95.29 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2449.50 | -51.55 | -13.00 | -38.55 | 2.77 V | 182 | 43.74 | -95.29 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 26<br>Channel Bandwidth: 5MHz | **Channel** | CH 26740：819 MHz |
| **Frequency Range** | 1 GHz ~ 18 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2457.00 | -56.08 | -13.00 | -43.08 | 1.95 H | 256 | 39.18 | -95.26 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2457.00 | -51.64 | -13.00 | -38.64 | 2.71 V | 186 | 43.62 | -95.26 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 26<br>Channel Bandwidth: 5MHz | **Channel** | CH 26765：816.47 MHz |
| **Frequency Range** | 1 GHz ~ 18 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2464.50 | -56.10 | -13.00 | -43.10 | 1.91 H | 250 | 39.14 | -95.24 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2464.50 | -51.68 | -13.00 | -38.68 | 2.79 V | 188 | 43.56 | -95.24 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 26<br>Channel Bandwidth: 10MHz | **Channel** | CH 26740：819 MHz |
| **Frequency Range** | 1 GHz ~ 18 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2457.00 | -54.76 | -13.00 | -41.76 | 1.95 H | 253 | 40.50 | -95.26 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **ERP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 2457.00 | -51.15 | -13.00 | -38.15 | 2.76 V | 184 | 44.11 | -95.26 |

**Remarks:**

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

7.7.6 LTE Band 38

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 38<br>Channel Bandwidth: 5MHz | **Channel** | CH 37775：2572.5 MHz |
| **Frequency Range** | 1 GHz ~ 27 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5145.00 | -43.32 | -25.00 | -18.32 | 3.27 H | 56 | 39.29 | -82.61 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5145.00 | -39.43 | -25.00 | -14.43 | 2.96 V | 157 | 43.18 | -82.61 |

**Remarks:**

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 38<br>Channel Bandwidth: 5MHz | **Channel** | CH 38000：2595 MHz |
| **Frequency Range** | 1 GHz ~ 27 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5190.00 | -43.09 | -25.00 | -18.09 | 3.31 H | 62 | 39.76 | -82.85 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5190.00 | -39.74 | -25.00 | -14.74 | 2.88 V | 155 | 43.11 | -82.85 |

**Remarks:**

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 38<br>Channel Bandwidth: 5MHz | **Channel** | CH 38225：2617.5 MHz |
| **Frequency Range** | 1 GHz ~ 27 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5235.00 | -43.28 | -25.00 | -18.28 | 3.28 H | 55 | 39.61 | -82.89 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5235.00 | -39.89 | -25.00 | -14.89 | 2.95 V | 159 | 43.00 | -82.89 |

**Remarks:**

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 38<br>Channel Bandwidth: 20MHz | **Channel** | CH 37850：2580 MHz |
| **Frequency Range** | 1 GHz ~ 27 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5160.00 | -43.37 | -25.00 | -18.37 | 3.31 H | 56 | 39.31 | -82.68 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5160.00 | -39.49 | -25.00 | -14.49 | 2.92 V | 155 | 43.19 | -82.68 |

**Remarks:**

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 38<br>Channel Bandwidth: 5MHz | **Channel** | CH 38000：2595 MHz |
| **Frequency Range** | 1 GHz ~ 27 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5190.00 | -42.65 | -25.00 | -17.65 | 3.25 H | 61 | 40.20 | -82.85 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| **1** | **5190.00** | **-39.15** | **-25.00** | **-14.15** | **2.92 V** | **157** | **43.70** | **-82.85** |

**Remarks:**

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 38<br>Channel Bandwidth: 20MHz | **Channel** | CH 38150：2610 MHz |
| **Frequency Range** | 1 GHz ~ 27 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5220.00 | -43.16 | -25.00 | -18.16 | 3.29 H | 62 | 39.74 | -82.90 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5220.00 | -39.60 | -25.00 | -14.60 | 2.88 V | 155 | 43.30 | -82.90 |

**Remarks:**

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.7.7 LTE Band 41

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 41<br>Channel Bandwidth: 5MHz | **Channel** | CH 40265：2557.5 MHz |
| **Frequency Range** | 1 GHz ~ 27 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5115.00 | -45.42 | -25.00 | -20.42 | 3.43 H | 41 | 37.20 | -82.62 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5115.00 | -41.16 | -25.00 | -16.16 | 2.98 V | 159 | 41.46 | -82.62 |

**Remarks:**

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 41<br>Channel Bandwidth: 5MHz | **Channel** | CH 40690：2600 MHz |
| **Frequency Range** | 1 GHz ~ 27 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5200.00 | -45.02 | -25.00 | -20.02 | 3.50 H | 47 | 37.89 | -82.91 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5200.00 | -41.08 | -25.00 | -16.08 | 3.06 V | 158 | 41.83 | -82.91 |

**Remarks:**

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 41<br>Channel Bandwidth: 5MHz | **Channel** | CH 41215：2652.5 MHz |
| **Frequency Range** | 1 GHz ~ 27 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5305.00 | -44.63 | -25.00 | -19.63 | 3.44 H | 42 | 38.10 | -82.73 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5305.00 | -41.06 | -25.00 | -16.06 | 3.03 V | 161 | 41.67 | -82.73 |

**Remarks:**

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 41<br>Channel Bandwidth: 20MHz | **Channel** | CH 40340：2565 MHz |
| **Frequency Range** | 1 GHz ~ 27 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5130.00 | -44.95 | -25.00 | -19.95 | 3.47 H | 46 | 37.67 | -82.62 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5130.00 | -41.02 | -25.00 | -16.02 | 2.99 V | 158 | 41.60 | -82.62 |

**Remarks:**

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 41<br>Channel Bandwidth: 20MHz | **Channel** | CH 40690：2600 MHz |
| **Frequency Range** | 1 GHz ~ 27 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5200.00 | -44.21 | -25.00 | -19.21 | 3.45 H | 44 | 38.70 | -82.91 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5200.00 | -40.61 | -25.00 | -15.61 | 3.02 V | 158 | 42.30 | -82.91 |

**Remarks:**

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

| | | | |
|---|---|---|---|
| **RF Mode** | LTE Band 41<br>Channel Bandwidth: 20MHz | **Channel** | CH 41140：2645 MHz |
| **Frequency Range** | 1 GHz ~ 27 GHz | **Detector Function & Bandwidth** | 1 MHz/3 MHz (RMS) |
| **Input Power** | 120 Vac, 60 Hz | **Environmental Conditions** | 19°C, 63% RH |
| **Tested By** | Edison Lee | | |

| **Antenna Polarity & Test Distance : Horizontal at 3 m** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5290.00 | -45.11 | -25.00 | -20.11 | 3.45 H | 42 | 37.68 | -82.79 |
| **Antenna Polarity & Test Distance : Vertical at 3 m** | | | | | | | | |
| **No** | **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Margin (dB)** | **Antenna Height (m)** | **Table Angle (Degree)** | **Raw Value (dBuV)** | **Correction Factor (dB/m)** |
| 1 | 5290.00 | -41.39 | -25.00 | -16.39 | 3.07 V | 157 | 41.40 | -82.79 |

**Remarks:**

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

## 7.8 Frequency Stability

| Environmental Conditions: | 25°C, 60% RH | Tested By: | Ted Chang |
|---|---|---|---|

7.8.1 WCDMA Band 5

| Frequency Stability Versus Voltage | | | | |
|---|---|---|---|---|
| Voltage (Vdc) | CH 4132 (826.4 MHz) | | CH 4223 (846.6 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| 3.23 | 826.3999980 | -0.002 | 846.5999960 | -0.005 |
| 3.80 | 826.4000020 | 0.002 | 846.6000030 | 0.004 |
| 4.37 | 826.3999980 | -0.002 | 846.5999990 | -0.001 |

Note: The applicant defined the normal working voltage is from 3.23 to 4.37 Vdc.

| Frequency Stability Versus Temperature | | | | |
|---|---|---|---|---|
| Temperature (℃) | CH 4132 (826.4 MHz) | | CH 4223 (846.6 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| -40 | 826.4000040 | 0.005 | 846.6000020 | 0.002 |
| -30 | 826.3999980 | -0.002 | 846.5999960 | -0.005 |
| -20 | 826.3999990 | -0.001 | 846.5999970 | -0.004 |
| -10 | 826.4000030 | 0.004 | 846.6000040 | 0.005 |
| 0 | 826.4000020 | 0.002 | 846.5999970 | -0.004 |
| 10 | 826.4000020 | 0.002 | 846.6000010 | 0.001 |
| 20 | 826.3999980 | -0.002 | 846.5999960 | -0.005 |
| 30 | 826.4000010 | 0.001 | 846.6000010 | 0.001 |
| 40 | 826.4000010 | 0.001 | 846.5999980 | -0.002 |
| 50 | 826.3999990 | -0.001 | 846.5999960 | -0.005 |
| 60 | 826.3999960 | -0.005 | 846.5999960 | -0.005 |
| 70 | 826.4000030 | 0.004 | 846.5999970 | -0.004 |
| 80 | 826.4000040 | 0.005 | 846.6000040 | 0.005 |
| 85 | 826.4000020 | 0.002 | 846.5999990 | -0.001 |

7.8.2 LTE Band 5

**LTE Band 5, Channel Bandwidth: 1.4 MHz**

| Frequency Stability Versus Voltage | | | | |
|---|---|---|---|---|
| Voltage (Vdc) | CH 20407 (824.7 MHz) | | CH 20643 (848.3 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| 3.23 | 824.6999980 | -0.002 | 848.2999960 | -0.005 |
| 3.80 | 824.7000040 | 0.005 | 848.3000040 | 0.005 |
| 4.37 | 824.7000030 | 0.004 | 848.2999970 | -0.004 |

Note: The applicant defined the normal working voltage is from 3.23 to 4.37 Vdc.

| Frequency Stability Versus Temperature | | | | |
|---|---|---|---|---|
| Temperature (℃) | CH 20407 (824.7 MHz) | | CH 20643 (848.3 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| -40 | 824.6999960 | -0.005 | 848.2999960 | -0.005 |
| -30 | 824.7000010 | 0.001 | 848.3000010 | 0.001 |
| -20 | 824.7000010 | 0.001 | 848.2999960 | -0.005 |
| -10 | 824.7000030 | 0.004 | 848.2999970 | -0.004 |
| 0 | 824.7000020 | 0.002 | 848.3000010 | 0.001 |
| 10 | 824.6999990 | -0.001 | 848.2999970 | -0.004 |
| 20 | 824.6999990 | -0.001 | 848.3000030 | 0.004 |
| 30 | 824.6999980 | -0.002 | 848.3000040 | 0.005 |
| 40 | 824.6999980 | -0.002 | 848.3000020 | 0.002 |
| 50 | 824.7000030 | 0.004 | 848.2999980 | -0.002 |
| 60 | 824.6999970 | -0.004 | 848.2999980 | -0.002 |
| 70 | 824.7000010 | 0.001 | 848.2999970 | -0.004 |
| 80 | 824.6999970 | -0.004 | 848.2999970 | -0.004 |
| 85 | 824.6999990 | -0.001 | 848.2999960 | -0.005 |

## LTE Band 5, Channel Bandwidth: 3 MHz

| Frequency Stability Versus Voltage | | | | |
|---|---|---|---|---|
| Voltage (Vdc) | CH 20415 (825.5 MHz) | | CH 20635 (847.5 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| 3.23 | 825.4999980 | -0.002 | 847.5000010 | 0.001 |
| 3.80 | 825.4999970 | -0.004 | 847.5000040 | 0.005 |
| 4.37 | 825.4999990 | -0.001 | 847.5000040 | 0.005 |

Note: The applicant defined the normal working voltage is from 3.23 to 4.37 Vdc.

| Frequency Stability Versus Temperature | | | | |
|---|---|---|---|---|
| Temperature (℃) | CH 20415 (825.5 MHz) | | CH 20635 (847.5 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| -40 | 825.5000040 | 0.005 | 847.5000010 | 0.001 |
| -30 | 825.5000010 | 0.001 | 847.4999960 | -0.005 |
| -20 | 825.4999960 | -0.005 | 847.5000030 | 0.004 |
| -10 | 825.4999990 | -0.001 | 847.5000010 | 0.001 |
| 0 | 825.5000010 | 0.001 | 847.4999960 | -0.005 |
| 10 | 825.4999970 | -0.004 | 847.4999960 | -0.005 |
| 20 | 825.5000030 | 0.004 | 847.4999990 | -0.001 |
| 30 | 825.4999980 | -0.002 | 847.4999990 | -0.001 |
| 40 | 825.4999980 | -0.002 | 847.4999960 | -0.005 |
| 50 | 825.5000030 | 0.004 | 847.4999970 | -0.004 |
| 60 | 825.4999960 | -0.005 | 847.5000030 | 0.004 |
| 70 | 825.4999990 | -0.001 | 847.5000040 | 0.005 |
| 80 | 825.5000030 | 0.004 | 847.5000030 | 0.004 |
| 85 | 825.5000010 | 0.001 | 847.4999990 | -0.001 |

## LTE Band 5, Channel Bandwidth: 5 MHz

| Frequency Stability Versus Voltage | | | | |
|---|---|---|---|---|
| Voltage (Vdc) | CH 20425 (826.5 MHz) | | CH 20625 (846.5 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| 3.23 | 826.5000030 | 0.004 | 846.5000030 | 0.004 |
| 3.80 | 826.4999980 | -0.002 | 846.5000010 | 0.001 |
| 4.37 | 826.4999980 | -0.002 | 846.5000010 | 0.001 |

Note: The applicant defined the normal working voltage is from 3.23 to 4.37 Vdc.

| Frequency Stability Versus Temperature | | | | |
|---|---|---|---|---|
| Temperature (℃) | CH 20425 (826.5 MHz) | | CH 20625 (846.5 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| -40 | 826.5000020 | 0.002 | 846.5000020 | 0.002 |
| -30 | 826.5000030 | 0.004 | 846.4999980 | -0.002 |
| -20 | 826.5000020 | 0.002 | 846.5000040 | 0.005 |
| -10 | 826.4999990 | -0.001 | 846.4999960 | -0.005 |
| 0 | 826.4999980 | -0.002 | 846.4999990 | -0.001 |
| 10 | 826.5000030 | 0.004 | 846.5000030 | 0.004 |
| 20 | 826.5000020 | 0.002 | 846.4999960 | -0.005 |
| 30 | 826.5000010 | 0.001 | 846.5000040 | 0.005 |
| 40 | 826.4999960 | -0.005 | 846.4999990 | -0.001 |
| 50 | 826.4999990 | -0.001 | 846.5000030 | 0.004 |
| 60 | 826.4999990 | -0.001 | 846.4999980 | -0.002 |
| 70 | 826.5000010 | 0.001 | 846.5000010 | 0.001 |
| 80 | 826.4999990 | -0.001 | 846.4999970 | -0.004 |
| 85 | 826.4999960 | -0.005 | 846.5000010 | 0.001 |

## LTE Band 5, Channel Bandwidth: 10 MHz

| Frequency Stability Versus Voltage | | | | |
|---|---|---|---|---|
| Voltage (Vdc) | CH 20450 (829 MHz) | | CH 20600 (844 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| 3.23 | 828.9999990 | -0.001 | 843.9999980 | -0.002 |
| 3.80 | 829.0000020 | 0.002 | 844.0000030 | 0.004 |
| 4.37 | 828.9999960 | -0.005 | 844.0000020 | 0.002 |

Note: The applicant defined the normal working voltage is from 3.23 to 4.37 Vdc.

| Frequency Stability Versus Temperature | | | | |
|---|---|---|---|---|
| Temperature (℃) | CH 20450 (829 MHz) | | CH 20600 (844 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| -40 | 828.9999970 | -0.004 | 843.9999980 | -0.002 |
| -30 | 828.9999970 | -0.004 | 843.9999980 | -0.002 |
| -20 | 829.0000030 | 0.004 | 844.0000020 | 0.002 |
| -10 | 829.0000010 | 0.001 | 844.0000010 | 0.001 |
| 0 | 828.9999970 | -0.004 | 844.0000010 | 0.001 |
| 10 | 828.9999970 | -0.004 | 843.9999970 | -0.004 |
| 20 | 829.0000010 | 0.001 | 844.0000020 | 0.002 |
| 30 | 828.9999980 | -0.002 | 844.0000010 | 0.001 |
| 40 | 828.9999980 | -0.002 | 844.0000020 | 0.002 |
| 50 | 829.0000040 | 0.005 | 844.0000020 | 0.002 |
| 60 | 828.9999960 | -0.005 | 843.9999960 | -0.005 |
| 70 | 829.0000010 | 0.001 | 844.0000020 | 0.002 |
| 80 | 829.0000040 | 0.005 | 843.9999970 | -0.004 |
| 85 | 829.0000030 | 0.004 | 844.0000030 | 0.004 |

7.8.3 LTE Band 7

**LTE Band 7, Channel Bandwidth: 5 MHz**

| Frequency Stability Versus Voltage | | | | |
|---|---|---|---|---|
| Voltage (Vdc) | CH 20775 (2502.5 MHz) | | CH 21425 (2567.5 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| 3.23 | 2502.5000020 | 0.0008 | 2567.5000020 | 0.0008 |
| 3.80 | 2502.4999990 | -0.0004 | 2567.4999980 | -0.0008 |
| 4.37 | 2502.5000010 | 0.0004 | 2567.4999990 | -0.0004 |

Note: The applicant defined the normal working voltage is from 3.23 to 4.37 Vdc.

| Frequency Stability Versus Temperature | | | | |
|---|---|---|---|---|
| Temperature (℃) | CH 20775 (2502.5 MHz) | | CH 21425 (2567.5 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| -40 | 2502.4999970 | -0.0012 | 2567.5000030 | 0.0012 |
| -30 | 2502.4999970 | -0.0012 | 2567.5000030 | 0.0012 |
| -20 | 2502.4999980 | -0.0008 | 2567.5000020 | 0.0008 |
| -10 | 2502.4999990 | -0.0004 | 2567.5000040 | 0.0016 |
| 0 | 2502.5000020 | 0.0008 | 2567.4999990 | -0.0004 |
| 10 | 2502.4999970 | -0.0012 | 2567.4999970 | -0.0012 |
| 20 | 2502.4999960 | -0.0016 | 2567.5000010 | 0.0004 |
| 30 | 2502.5000040 | 0.0016 | 2567.4999960 | -0.0016 |
| 40 | 2502.5000020 | 0.0008 | 2567.5000030 | 0.0012 |
| 50 | 2502.5000010 | 0.0004 | 2567.4999990 | -0.0004 |
| 60 | 2502.5000030 | 0.0012 | 2567.4999990 | -0.0004 |
| 70 | 2502.5000020 | 0.0008 | 2567.5000040 | 0.0016 |
| 80 | 2502.5000040 | 0.0016 | 2567.5000030 | 0.0012 |
| 85 | 2502.5000010 | 0.0004 | 2567.4999990 | -0.0004 |

## LTE Band 7, Channel Bandwidth: 10 MHz

| Frequency Stability Versus Voltage | | | | |
|---|---|---|---|---|
| Voltage (Vdc) | CH 20800 (2505 MHz) | | CH 21400 (2565 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| 3.23 | 2505.0000020 | 0.0008 | 2565.0000030 | 0.0012 |
| 3.80 | 2505.0000020 | 0.0008 | 2565.0000010 | 0.0004 |
| 4.37 | 2505.0000010 | 0.0004 | 2564.9999990 | -0.0004 |

Note: The applicant defined the normal working voltage is from 3.23 to 4.37 Vdc.

| Frequency Stability Versus Temperature | | | | |
|---|---|---|---|---|
| Temperature (℃) | CH 20800 (2505 MHz) | | CH 21400 (2565 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| -40 | 2505.0000020 | 0.0008 | 2565.0000010 | 0.0004 |
| -30 | 2505.0000030 | 0.0012 | 2565.0000030 | 0.0012 |
| -20 | 2504.9999990 | -0.0004 | 2564.9999960 | -0.0016 |
| -10 | 2505.0000040 | 0.0016 | 2564.9999980 | -0.0008 |
| 0 | 2504.9999980 | -0.0008 | 2564.9999990 | -0.0004 |
| 10 | 2505.0000030 | 0.0012 | 2564.9999980 | -0.0008 |
| 20 | 2504.9999980 | -0.0008 | 2565.0000030 | 0.0012 |
| 30 | 2504.9999990 | -0.0004 | 2565.0000020 | 0.0008 |
| 40 | 2505.0000010 | 0.0004 | 2565.0000040 | 0.0016 |
| 50 | 2504.9999970 | -0.0012 | 2564.9999990 | -0.0004 |
| 60 | 2504.9999980 | -0.0008 | 2565.0000040 | 0.0016 |
| 70 | 2505.0000040 | 0.0016 | 2564.9999980 | -0.0008 |
| 80 | 2504.9999970 | -0.0012 | 2565.0000020 | 0.0008 |
| 85 | 2505.0000010 | 0.0004 | 2565.0000010 | 0.0004 |

## LTE Band 7, Channel Bandwidth: 15 MHz

| Frequency Stability Versus Voltage | | | | |
|---|---|---|---|---|
| Voltage (Vdc) | CH 20825 (2507.5 MHz) | | CH 21375 (2562.5 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| 3.23 | 2507.5000010 | 0.0004 | 2562.5000040 | 0.0016 |
| 3.80 | 2507.4999980 | -0.0008 | 2562.4999990 | -0.0004 |
| 4.37 | 2507.4999970 | -0.0012 | 2562.5000020 | 0.0008 |

Note: The applicant defined the normal working voltage is from 3.23 to 4.37 Vdc.

| Frequency Stability Versus Temperature | | | | |
|---|---|---|---|---|
| Temperature (℃) | CH 20825 (2507.5 MHz) | | CH 21375 (2562.5 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| -40 | 2507.5000030 | 0.0012 | 2562.5000010 | 0.0004 |
| -30 | 2507.5000020 | 0.0008 | 2562.4999980 | -0.0008 |
| -20 | 2507.5000040 | 0.0016 | 2562.4999970 | -0.0012 |
| -10 | 2507.4999990 | -0.0004 | 2562.5000010 | 0.0004 |
| 0 | 2507.4999960 | -0.0016 | 2562.5000040 | 0.0016 |
| 10 | 2507.4999980 | -0.0008 | 2562.4999980 | -0.0008 |
| 20 | 2507.5000020 | 0.0008 | 2562.4999970 | -0.0012 |
| 30 | 2507.4999980 | -0.0008 | 2562.5000010 | 0.0004 |
| 40 | 2507.5000030 | 0.0012 | 2562.5000020 | 0.0008 |
| 50 | 2507.4999980 | -0.0008 | 2562.4999960 | -0.0016 |
| 60 | 2507.5000010 | 0.0004 | 2562.4999970 | -0.0012 |
| 70 | 2507.4999990 | -0.0004 | 2562.5000020 | 0.0008 |
| 80 | 2507.5000040 | 0.0016 | 2562.5000020 | 0.0008 |
| 85 | 2507.5000020 | 0.0008 | 2562.5000010 | 0.0004 |

## LTE Band 7, Channel Bandwidth: 20 MHz

| Frequency Stability Versus Voltage | | | | |
|---|---|---|---|---|
| Voltage (Vdc) | CH 20850 (2510 MHz) | | CH 21350 (2560 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| 3.23 | 2510.0000030 | 0.0012 | 2560.0000020 | 0.0008 |
| 3.80 | 2509.9999970 | -0.0012 | 2559.9999960 | -0.0016 |
| 4.37 | 2510.0000010 | 0.0004 | 2560.0000030 | 0.0012 |

Note: The applicant defined the normal working voltage is from 3.23 to 4.37 Vdc.

| Frequency Stability Versus Temperature | | | | |
|---|---|---|---|---|
| Temperature (℃) | CH 20850 (2510 MHz) | | CH 21350 (2560 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| -40 | 2510.0000010 | 0.0004 | 2560.0000020 | 0.0008 |
| -30 | 2510.0000020 | 0.0008 | 2559.9999960 | -0.0016 |
| -20 | 2509.9999990 | -0.0004 | 2559.9999980 | -0.0008 |
| -10 | 2509.9999970 | -0.0012 | 2559.9999970 | -0.0012 |
| 0 | 2509.9999990 | -0.0004 | 2560.0000040 | 0.0016 |
| 10 | 2510.0000030 | 0.0012 | 2560.0000020 | 0.0008 |
| 20 | 2510.0000020 | 0.0008 | 2560.0000010 | 0.0004 |
| 30 | 2509.9999960 | -0.0016 | 2560.0000010 | 0.0004 |
| 40 | 2510.0000020 | 0.0008 | 2560.0000020 | 0.0008 |
| 50 | 2509.9999990 | -0.0004 | 2559.9999980 | -0.0008 |
| 60 | 2510.0000010 | 0.0004 | 2560.0000030 | 0.0012 |
| 70 | 2510.0000020 | 0.0008 | 2559.9999970 | -0.0012 |
| 80 | 2509.9999970 | -0.0012 | 2560.0000040 | 0.0016 |
| 85 | 2510.0000040 | 0.0016 | 2559.9999990 | -0.0004 |

7.8.4 LTE Band 26 (Part 22)

**LTE Band 26, Channel Bandwidth: 1.4 MHz**

| Frequency Stability Versus Voltage | | | | |
|---|---|---|---|---|
| Voltage (Vdc) | CH 26797 (824.7 MHz) | | CH 27033 (848.3 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| 3.23 | 824.7000030 | 0.004 | 848.2999970 | -0.004 |
| 3.80 | 824.6999970 | -0.004 | 848.3000020 | 0.002 |
| 4.37 | 824.7000020 | 0.002 | 848.3000020 | 0.002 |

Note: The applicant defined the normal working voltage is from 3.23 to 4.37 Vdc.

| Frequency Stability Versus Temperature | | | | |
|---|---|---|---|---|
| Temperature (℃) | CH 26797 (824.7 MHz) | | CH 27033 (848.3 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| -40 | 824.7000010 | 0.001 | 848.3000040 | 0.005 |
| -30 | 824.7000040 | 0.005 | 848.3000030 | 0.004 |
| -20 | 824.7000040 | 0.005 | 848.3000040 | 0.005 |
| -10 | 824.6999960 | -0.005 | 848.3000030 | 0.004 |
| 0 | 824.6999980 | -0.002 | 848.3000040 | 0.005 |
| 10 | 824.7000010 | 0.001 | 848.2999960 | -0.005 |
| 20 | 824.7000040 | 0.005 | 848.2999970 | -0.004 |
| 30 | 824.7000000 | 0.000 | 848.3000030 | 0.004 |
| 40 | 824.7000030 | 0.004 | 848.2999990 | -0.001 |
| 50 | 824.7000010 | 0.001 | 848.3000010 | 0.001 |
| 60 | 824.6999960 | -0.005 | 848.2999970 | -0.004 |
| 70 | 824.6999970 | -0.004 | 848.2999960 | -0.005 |
| 80 | 824.6999960 | -0.005 | 848.3000010 | 0.001 |
| 85 | 824.7000020 | 0.002 | 848.3000040 | 0.005 |

## LTE Band 26, Channel Bandwidth: 3 MHz

| Frequency Stability Versus Voltage | | | | |
|---|---|---|---|---|
| Voltage (Vdc) | CH 26805 (825.5 MHz) | | CH 27025 (847.5 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| 3.23 | 825.5000040 | 0.005 | 847.5000020 | 0.002 |
| 3.80 | 825.5000030 | 0.004 | 847.5000030 | 0.004 |
| 4.37 | 825.4999970 | -0.004 | 847.4999980 | -0.002 |

Note: The applicant defined the normal working voltage is from 3.23 to 4.37 Vdc.

| Frequency Stability Versus Temperature | | | | |
|---|---|---|---|---|
| Temperature (℃) | CH 26805 (825.5 MHz) | | CH 27025 (847.5 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| -40 | 825.4999990 | -0.001 | 847.4999980 | -0.002 |
| -30 | 825.5000040 | 0.005 | 847.5000040 | 0.005 |
| -20 | 825.5000030 | 0.004 | 847.4999990 | -0.001 |
| -10 | 825.5000020 | 0.002 | 847.4999970 | -0.004 |
| 0 | 825.4999970 | -0.004 | 847.5000040 | 0.005 |
| 10 | 825.4999990 | -0.001 | 847.4999980 | -0.002 |
| 20 | 825.5000010 | 0.001 | 847.5000030 | 0.004 |
| 30 | 825.4999960 | -0.005 | 847.4999990 | -0.001 |
| 40 | 825.4999970 | -0.004 | 847.4999990 | -0.001 |
| 50 | 825.5000010 | 0.001 | 847.5000020 | 0.002 |
| 60 | 825.5000040 | 0.005 | 847.4999990 | -0.001 |
| 70 | 825.5000010 | 0.001 | 847.4999970 | -0.004 |
| 80 | 825.5000040 | 0.005 | 847.5000010 | 0.001 |
| 85 | 825.5000040 | 0.005 | 847.5000040 | 0.005 |

## LTE Band 26, Channel Bandwidth: 5 MHz

| Frequency Stability Versus Voltage | | | | |
|---|---|---|---|---|
| Voltage (Vdc) | CH 26815 (826.5 MHz) | | CH 27015 (846.5 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| 3.23 | 826.5000040 | 0.005 | 846.5000010 | 0.001 |
| 3.80 | 826.5000040 | 0.005 | 846.4999960 | -0.005 |
| 4.37 | 826.4999980 | -0.002 | 846.4999970 | -0.004 |

Note: The applicant defined the normal working voltage is from 3.23 to 4.37 Vdc.

| Frequency Stability Versus Temperature | | | | |
|---|---|---|---|---|
| Temperature (℃) | CH 26815 (826.5 MHz) | | CH 27015 (846.5 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| -40 | 826.4999960 | -0.005 | 846.4999990 | -0.001 |
| -30 | 826.5000030 | 0.004 | 846.4999970 | -0.004 |
| -20 | 826.4999970 | -0.004 | 846.5000010 | 0.001 |
| -10 | 826.5000030 | 0.004 | 846.4999980 | -0.002 |
| 0 | 826.4999980 | -0.002 | 846.4999980 | -0.002 |
| 10 | 826.4999960 | -0.005 | 846.4999980 | -0.002 |
| 20 | 826.5000030 | 0.004 | 846.4999960 | -0.005 |
| 30 | 826.4999980 | -0.002 | 846.4999980 | -0.002 |
| 40 | 826.5000020 | 0.002 | 846.5000010 | 0.001 |
| 50 | 826.5000030 | 0.004 | 846.5000040 | 0.005 |
| 60 | 826.5000030 | 0.004 | 846.4999960 | -0.005 |
| 70 | 826.4999990 | -0.001 | 846.5000010 | 0.001 |
| 80 | 826.5000020 | 0.002 | 846.4999960 | -0.005 |
| 85 | 826.5000020 | 0.002 | 846.5000040 | 0.005 |

## LTE Band 26, Channel Bandwidth: 10 MHz

| Frequency Stability Versus Voltage | | | | |
|---|---|---|---|---|
| Voltage (Vdc) | CH 26840 (829 MHz) | | CH 26990 (844 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| 3.23 | 829.0000010 | 0.001 | 843.9999980 | -0.002 |
| 3.80 | 828.9999990 | -0.001 | 844.0000020 | 0.002 |
| 4.37 | 828.9999960 | -0.005 | 843.9999970 | -0.004 |

Note: The applicant defined the normal working voltage is from 3.23 to 4.37 Vdc.

| Frequency Stability Versus Temperature | | | | |
|---|---|---|---|---|
| Temperature (℃) | CH 26840 (829 MHz) | | CH 26990 (844 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| -40 | 828.9999990 | -0.001 | 843.9999960 | -0.005 |
| -30 | 829.0000020 | 0.002 | 844.0000010 | 0.001 |
| -20 | 829.0000040 | 0.005 | 844.0000010 | 0.001 |
| -10 | 828.9999960 | -0.005 | 844.0000030 | 0.004 |
| 0 | 829.0000020 | 0.002 | 843.9999960 | -0.005 |
| 10 | 829.0000010 | 0.001 | 843.9999980 | -0.002 |
| 20 | 829.0000010 | 0.001 | 844.0000030 | 0.004 |
| 30 | 828.9999990 | -0.001 | 844.0000010 | 0.001 |
| 40 | 829.0000030 | 0.004 | 844.0000040 | 0.005 |
| 50 | 829.0000030 | 0.004 | 843.9999980 | -0.002 |
| 60 | 828.9999960 | -0.005 | 843.9999960 | -0.005 |
| 70 | 828.9999980 | -0.002 | 844.0000030 | 0.004 |
| 80 | 828.9999970 | -0.004 | 843.9999980 | -0.002 |
| 85 | 828.9999990 | -0.001 | 844.0000040 | 0.005 |

## LTE Band 26, Channel Bandwidth: 15 MHz

| Frequency Stability Versus Voltage | | | | |
|---|---|---|---|---|
| Voltage (Vdc) | CH 26865 (831.5 MHz) | | CH 26965 (841.5 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| 3.23 | 831.4999990 | -0.001 | 841.5000010 | 0.001 |
| 3.80 | 831.5000010 | 0.001 | 841.5000020 | 0.002 |
| 4.37 | 831.5000030 | 0.004 | 841.5000030 | 0.004 |

Note: The applicant defined the normal working voltage is from 3.23 to 4.37 Vdc.

| Frequency Stability Versus Temperature | | | | |
|---|---|---|---|---|
| Temperature (℃) | CH 26865 (831.5 MHz) | | CH 26965 (841.5 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| -40 | 831.5000030 | 0.004 | 841.4999960 | -0.005 |
| -30 | 831.5000010 | 0.001 | 841.4999990 | -0.001 |
| -20 | 831.5000020 | 0.002 | 841.4999980 | -0.002 |
| -10 | 831.5000030 | 0.004 | 841.5000020 | 0.002 |
| 0 | 831.5000010 | 0.001 | 841.4999970 | -0.004 |
| 10 | 831.4999990 | -0.001 | 841.5000020 | 0.002 |
| 20 | 831.4999990 | -0.001 | 841.5000030 | 0.004 |
| 30 | 831.4999980 | -0.002 | 841.5000010 | 0.001 |
| 40 | 831.4999970 | -0.004 | 841.4999980 | -0.002 |
| 50 | 831.4999990 | -0.001 | 841.5000030 | 0.004 |
| 60 | 831.5000040 | 0.005 | 841.5000030 | 0.004 |
| 70 | 831.4999980 | -0.002 | 841.5000030 | 0.004 |
| 80 | 831.5000010 | 0.001 | 841.4999960 | -0.005 |
| 85 | 831.4999970 | -0.004 | 841.4999970 | -0.004 |

7.8.5 LTE Band 26 (Part 90)

**LTE Band 26, Channel Bandwidth: 1.4 MHz**

| Frequency Stability Versus Voltage | | | | |
|---|---|---|---|---|
| Voltage (Vdc) | CH 26697 (814.7 MHz) | | CH 26783 (823.3 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| 3.23 | 814.6999960 | -0.005 | 823.3000010 | 0.001 |
| 3.80 | 814.6999980 | -0.002 | 823.2999960 | -0.005 |
| 4.37 | 814.6999980 | -0.002 | 823.2999970 | -0.004 |

Note: The applicant defined the normal working voltage is from 3.23 to 4.37 Vdc.

| Frequency Stability Versus Temperature | | | | |
|---|---|---|---|---|
| Temperature (℃) | CH 26697 (814.7 MHz) | | CH 26783 (823.3 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| -40 | 814.6999990 | -0.001 | 823.2999990 | -0.001 |
| -30 | 814.7000020 | 0.002 | 823.2999990 | -0.001 |
| -20 | 814.7000020 | 0.002 | 823.3000020 | 0.002 |
| -10 | 814.6999960 | -0.005 | 823.2999980 | -0.002 |
| 0 | 814.7000040 | 0.005 | 823.3000030 | 0.004 |
| 10 | 814.6999980 | -0.002 | 823.2999960 | -0.005 |
| 20 | 814.7000010 | 0.001 | 823.3000040 | 0.005 |
| 30 | 814.6999980 | -0.002 | 823.3000030 | 0.004 |
| 40 | 814.6999970 | -0.004 | 823.3000030 | 0.004 |
| 50 | 814.7000030 | 0.004 | 823.2999990 | -0.001 |
| 60 | 814.7000040 | 0.005 | 823.3000020 | 0.002 |
| 70 | 814.6999970 | -0.004 | 823.3000030 | 0.004 |
| 80 | 814.7000020 | 0.002 | 823.3000010 | 0.001 |
| 85 | 814.6999990 | -0.001 | 823.3000040 | 0.005 |

## LTE Band 26, Channel Bandwidth: 3 MHz

| Frequency Stability Versus Voltage | | | | |
|---|---|---|---|---|
| Voltage (Vdc) | CH 26705 (815.5 MHz) | | CH 26775 (822.5 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| 3.23 | 815.4999960 | -0.005 | 822.5000030 | 0.004 |
| 3.80 | 815.5000040 | 0.005 | 822.5000020 | 0.002 |
| 4.37 | 815.4999980 | -0.002 | 822.4999980 | -0.002 |

Note: The applicant defined the normal working voltage is from 3.23 to 4.37 Vdc.

| Frequency Stability Versus Temperature | | | | |
|---|---|---|---|---|
| Temperature (℃) | CH 26705 (815.5 MHz) | | CH 26775 (822.5 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| -40 | 815.5000030 | 0.004 | 822.4999980 | -0.002 |
| -30 | 815.5000010 | 0.001 | 822.4999960 | -0.005 |
| -20 | 815.5000030 | 0.004 | 822.5000030 | 0.004 |
| -10 | 815.4999970 | -0.004 | 822.4999990 | -0.001 |
| 0 | 815.5000030 | 0.004 | 822.5000020 | 0.002 |
| 10 | 815.4999980 | -0.002 | 822.4999960 | -0.005 |
| 20 | 815.4999970 | -0.004 | 822.4999990 | -0.001 |
| 30 | 815.5000010 | 0.001 | 822.5000030 | 0.004 |
| 40 | 815.4999980 | -0.002 | 822.5000020 | 0.002 |
| 50 | 815.5000040 | 0.005 | 822.5000030 | 0.004 |
| 60 | 815.4999980 | -0.002 | 822.5000030 | 0.004 |
| 70 | 815.5000040 | 0.005 | 822.5000030 | 0.004 |
| 80 | 815.5000030 | 0.004 | 822.4999960 | -0.005 |
| 85 | 815.5000020 | 0.002 | 822.5000030 | 0.004 |

## LTE Band 26, Channel Bandwidth: 5 MHz

| Frequency Stability Versus Voltage | | | | |
|---|---|---|---|---|
| Voltage (Vdc) | CH 26715 (816.5 MHz) | | CH 26765 (821.5 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| 3.23 | 816.5000040 | 0.005 | 821.4999990 | -0.001 |
| 3.80 | 816.4999960 | -0.005 | 821.4999960 | -0.005 |
| 4.37 | 816.4999980 | -0.002 | 821.5000030 | 0.004 |

Note: The applicant defined the normal working voltage is from 3.23 to 4.37 Vdc.

| Frequency Stability Versus Temperature | | | | |
|---|---|---|---|---|
| Temperature (℃) | CH 26715 (816.5 MHz) | | CH 26765 (821.5 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| -40 | 816.5000020 | 0.002 | 821.4999960 | -0.005 |
| -30 | 816.5000030 | 0.004 | 821.4999980 | -0.002 |
| -20 | 816.5000040 | 0.005 | 821.5000030 | 0.004 |
| -10 | 816.4999960 | -0.005 | 821.5000010 | 0.001 |
| 0 | 816.5000030 | 0.004 | 821.5000040 | 0.005 |
| 10 | 816.5000020 | 0.002 | 821.4999990 | -0.001 |
| 20 | 816.4999990 | -0.001 | 821.5000030 | 0.004 |
| 30 | 816.5000040 | 0.005 | 821.4999980 | -0.002 |
| 40 | 816.5000020 | 0.002 | 821.5000010 | 0.001 |
| 50 | 816.4999990 | -0.001 | 821.4999990 | -0.001 |
| 60 | 816.5000010 | 0.001 | 821.5000030 | 0.004 |
| 70 | 816.5000030 | 0.004 | 821.4999970 | -0.004 |
| 80 | 816.5000010 | 0.001 | 821.4999970 | -0.004 |
| 85 | 816.4999970 | -0.004 | 821.5000040 | 0.005 |

## LTE Band 26, Channel Bandwidth: 10 MHz

| Frequency Stability Versus Voltage | | |
|---|---|---|
| Voltage (Vdc) | CH 26740 (819 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) |
| 3.23 | 818.9999990 | -0.001 |
| 3.80 | 818.9999960 | -0.005 |
| 4.37 | 819.0000020 | 0.002 |

Note: The applicant defined the normal working voltage is from 3.23 to 4.37 Vdc.

| Frequency Stability Versus Temperature | | |
|---|---|---|
| Temperature (℃) | CH 26740 (819 MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) |
| -40 | 818.9999980 | -0.002 |
| -30 | 818.9999960 | -0.005 |
| -20 | 819.0000020 | 0.002 |
| -10 | 818.9999980 | -0.002 |
| 0 | 818.9999980 | -0.002 |
| 10 | 818.9999980 | -0.002 |
| 20 | 818.9999990 | -0.001 |
| 30 | 819.0000020 | 0.002 |
| 40 | 819.0000030 | 0.004 |
| 50 | 819.0000020 | 0.002 |
| 60 | 819.0000040 | 0.005 |
| 70 | 819.0000040 | 0.005 |
| 80 | 819.0000030 | 0.004 |
| 85 | 818.9999980 | -0.002 |

7.8.6 LTE Band 38

**LTE Band 38, Channel Bandwidth: 5 MHz**

| Frequency Stability Versus Voltage | | | | |
|---|---|---|---|---|
| Voltage (Vdc) | CH 37775 (2572.5MHz) | | CH 38225 (2617.5MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| 3.23 | 2572.5000040 | 0.0016 | 2617.5000010 | 0.0004 |
| 3.80 | 2572.5000040 | 0.0016 | 2617.5000020 | 0.0008 |
| 4.37 | 2572.4999990 | -0.0004 | 2617.4999960 | -0.0015 |

Note: The applicant defined the normal working voltage is from 3.23 to 4.37 Vdc.

| Frequency Stability Versus Temperature | | | | |
|---|---|---|---|---|
| Temperature (℃) | CH 37775 (2572.5MHz) | | CH 38225 (2617.5MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| -40 | 2572.4999990 | -0.0004 | 2617.4999980 | -0.0008 |
| -30 | 2572.4999970 | -0.0012 | 2617.4999980 | -0.0008 |
| -20 | 2572.4999970 | -0.0012 | 2617.5000030 | 0.0011 |
| -10 | 2572.4999990 | -0.0004 | 2617.4999960 | -0.0015 |
| 0 | 2572.5000020 | 0.0008 | 2617.4999990 | -0.0004 |
| 10 | 2572.5000030 | 0.0012 | 2617.4999980 | -0.0008 |
| 20 | 2572.5000040 | 0.0016 | 2617.4999980 | -0.0008 |
| 30 | 2572.4999980 | -0.0008 | 2617.4999990 | -0.0004 |
| 40 | 2572.5000030 | 0.0012 | 2617.4999960 | -0.0015 |
| 50 | 2572.4999970 | -0.0012 | 2617.4999970 | -0.0011 |
| 60 | 2572.5000010 | 0.0004 | 2617.5000010 | 0.0004 |
| 70 | 2572.4999980 | -0.0008 | 2617.4999990 | -0.0004 |
| 80 | 2572.5000040 | 0.0016 | 2617.4999980 | -0.0008 |
| 85 | 2572.5000040 | 0.0016 | 2617.4999970 | -0.0011 |

## LTE Band 38, Channel Bandwidth: 10 MHz

| Frequency Stability Versus Voltage | | | | |
|---|---|---|---|---|
| Voltage (Vdc) | CH 37800 (2575MHz) | | CH 38200 (2615MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| 3.23 | 2575.0000010 | 0.0004 | 2614.9999980 | -0.0008 |
| 3.80 | 2575.0000020 | 0.0008 | 2615.0000030 | 0.0011 |
| 4.37 | 2574.9999980 | -0.0008 | 2615.0000040 | 0.0015 |

Note: The applicant defined the normal working voltage is from 3.23 to 4.37 Vdc.

| Frequency Stability Versus Temperature | | | | |
|---|---|---|---|---|
| Temperature (℃) | CH 37800 (2575MHz) | | CH 38200 (2615MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| -40 | 2575.0000010 | 0.0004 | 2615.0000040 | 0.0015 |
| -30 | 2574.9999990 | -0.0004 | 2614.9999970 | -0.0011 |
| -20 | 2575.0000040 | 0.0016 | 2615.0000030 | 0.0011 |
| -10 | 2574.9999990 | -0.0004 | 2614.9999970 | -0.0011 |
| 0 | 2574.9999980 | -0.0008 | 2614.9999960 | -0.0015 |
| 10 | 2574.9999960 | -0.0016 | 2614.9999970 | -0.0011 |
| 20 | 2575.0000010 | 0.0004 | 2615.0000020 | 0.0008 |
| 30 | 2575.0000010 | 0.0004 | 2614.9999960 | -0.0015 |
| 40 | 2575.0000030 | 0.0012 | 2614.9999960 | -0.0015 |
| 50 | 2575.0000010 | 0.0004 | 2614.9999960 | -0.0015 |
| 60 | 2575.0000010 | 0.0004 | 2614.9999960 | -0.0015 |
| 70 | 2575.0000020 | 0.0008 | 2614.9999970 | -0.0011 |
| 80 | 2574.9999960 | -0.0016 | 2614.9999970 | -0.0011 |
| 85 | 2575.0000040 | 0.0016 | 2614.9999990 | -0.0004 |

## LTE Band 38, Channel Bandwidth: 15 MHz

| Frequency Stability Versus Voltage | | | | |
|---|---|---|---|---|
| Voltage (Vdc) | CH 37825 (2577.5MHz) | | CH 38175 (2612.5MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| 3.23 | 2577.4999980 | -0.0008 | 2612.5000010 | 0.0004 |
| 3.80 | 2577.4999990 | -0.0004 | 2612.4999990 | -0.0004 |
| 4.37 | 2577.4999990 | -0.0004 | 2612.5000040 | 0.0015 |

Note: The applicant defined the normal working voltage is from 3.23 to 4.37 Vdc.

| Frequency Stability Versus Temperature | | | | |
|---|---|---|---|---|
| Temperature (℃) | CH 37825 (2577.5MHz) | | CH 38175 (2612.5MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| -40 | 2577.4999970 | -0.0012 | 2612.4999970 | -0.0011 |
| -30 | 2577.5000010 | 0.0004 | 2612.4999970 | -0.0011 |
| -20 | 2577.4999990 | -0.0004 | 2612.5000010 | 0.0004 |
| -10 | 2577.5000010 | 0.0004 | 2612.5000020 | 0.0008 |
| 0 | 2577.4999970 | -0.0012 | 2612.4999960 | -0.0015 |
| 10 | 2577.5000030 | 0.0012 | 2612.5000020 | 0.0008 |
| 20 | 2577.5000040 | 0.0016 | 2612.4999970 | -0.0011 |
| 30 | 2577.5000030 | 0.0012 | 2612.5000010 | 0.0004 |
| 40 | 2577.4999960 | -0.0016 | 2612.5000010 | 0.0004 |
| 50 | 2577.5000020 | 0.0008 | 2612.5000030 | 0.0011 |
| 60 | 2577.4999960 | -0.0016 | 2612.5000010 | 0.0004 |
| 70 | 2577.5000030 | 0.0012 | 2612.4999960 | -0.0015 |
| 80 | 2577.4999980 | -0.0008 | 2612.5000020 | 0.0008 |
| 85 | 2577.5000040 | 0.0016 | 2612.5000010 | 0.0004 |

## LTE Band 38, Channel Bandwidth: 20 MHz

| Frequency Stability Versus Voltage | | | | |
|---|---|---|---|---|
| Voltage (Vdc) | CH 37850 (2580MHz) | | CH 38150 (2610MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| 3.23 | 2580.0000030 | 0.0012 | 2609.9999980 | -0.0008 |
| 3.80 | 2580.0000040 | 0.0016 | 2610.0000010 | 0.0004 |
| 4.37 | 2579.9999960 | -0.0016 | 2610.0000040 | 0.0015 |

Note: The applicant defined the normal working voltage is from 3.23 to 4.37 Vdc.

| Frequency Stability Versus Temperature | | | | |
|---|---|---|---|---|
| Temperature (℃) | CH 37850 (2580MHz) | | CH 38150 (2610MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| -40 | 2580.0000010 | 0.0004 | 2609.9999970 | -0.0011 |
| -30 | 2579.9999970 | -0.0012 | 2610.0000030 | 0.0011 |
| -20 | 2579.9999970 | -0.0012 | 2610.0000030 | 0.0011 |
| -10 | 2580.0000030 | 0.0012 | 2610.0000020 | 0.0008 |
| 0 | 2579.9999980 | -0.0008 | 2610.0000040 | 0.0015 |
| 10 | 2579.9999980 | -0.0008 | 2610.0000040 | 0.0015 |
| 20 | 2579.9999960 | -0.0016 | 2609.9999970 | -0.0011 |
| 30 | 2580.0000020 | 0.0008 | 2610.0000020 | 0.0008 |
| 40 | 2580.0000040 | 0.0016 | 2610.0000010 | 0.0004 |
| 50 | 2580.0000040 | 0.0016 | 2610.0000040 | 0.0015 |
| 60 | 2579.9999960 | -0.0016 | 2610.0000030 | 0.0011 |
| 70 | 2579.9999990 | -0.0004 | 2610.0000020 | 0.0008 |
| 80 | 2579.9999980 | -0.0008 | 2610.0000040 | 0.0015 |
| 85 | 2579.9999970 | -0.0012 | 2610.0000030 | 0.0011 |

7.8.7 LTE Band 41

**LTE Band 41, Channel Bandwidth: 5 MHz**

| Frequency Stability Versus Voltage | | | | |
|---|---|---|---|---|
| Voltage (Vdc) | CH 40265 (2557.5MHz) | | CH 41215 (2652.5MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| 3.23 | 2557.5000040 | 0.0016 | 2652.4999980 | -0.0008 |
| 3.80 | 2557.5000020 | 0.0008 | 2652.4999980 | -0.0008 |
| 4.37 | 2557.4999960 | -0.0016 | 2652.5000010 | 0.0004 |

Note: The applicant defined the normal working voltage is from 3.23 to 4.37 Vdc.

| Frequency Stability Versus Temperature | | | | |
|---|---|---|---|---|
| Temperature (℃) | CH 40265 (2557.5MHz) | | CH 41215 (2652.5MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| -40 | 2557.5000040 | 0.0016 | 2652.4999980 | -0.0008 |
| -30 | 2557.5000020 | 0.0008 | 2652.5000020 | 0.0008 |
| -20 | 2557.4999960 | -0.0016 | 2652.4999990 | -0.0004 |
| -10 | 2557.5000040 | 0.0016 | 2652.5000030 | 0.0011 |
| 0 | 2557.4999990 | -0.0004 | 2652.5000040 | 0.0015 |
| 10 | 2557.5000030 | 0.0012 | 2652.4999980 | -0.0008 |
| 20 | 2557.4999960 | -0.0016 | 2652.5000010 | 0.0004 |
| 30 | 2557.4999980 | -0.0008 | 2652.4999970 | -0.0011 |
| 40 | 2557.4999960 | -0.0016 | 2652.5000010 | 0.0004 |
| 50 | 2557.4999970 | -0.0012 | 2652.4999960 | -0.0015 |
| 60 | 2557.5000020 | 0.0008 | 2652.4999990 | -0.0004 |
| 70 | 2557.4999970 | -0.0012 | 2652.5000040 | 0.0015 |
| 80 | 2557.5000040 | 0.0016 | 2652.5000020 | 0.0008 |
| 85 | 2557.5000030 | 0.0012 | 2652.4999980 | -0.0008 |

## LTE Band 41, Channel Bandwidth: 10 MHz

| Frequency Stability Versus Voltage | | | | |
|---|---|---|---|---|
| Voltage (Vdc) | CH 40290 (2560MHz) | | CH 41190 (2650MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| 3.23 | 2559.9999980 | -0.0008 | 2649.9999960 | -0.0015 |
| 3.80 | 2559.9999990 | -0.0004 | 2650.0000010 | 0.0004 |
| 4.37 | 2560.0000030 | 0.0012 | 2650.0000040 | 0.0015 |

Note: The applicant defined the normal working voltage is from 3.23 to 4.37 Vdc.

| Frequency Stability Versus Temperature | | | | |
|---|---|---|---|---|
| Temperature (℃) | CH 40290 (2560MHz) | | CH 41190 (2650MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| -40 | 2560.0000020 | 0.0008 | 2649.9999990 | -0.0004 |
| -30 | 2559.9999990 | -0.0004 | 2649.9999970 | -0.0011 |
| -20 | 2560.0000020 | 0.0008 | 2650.0000010 | 0.0004 |
| -10 | 2560.0000020 | 0.0008 | 2650.0000040 | 0.0015 |
| 0 | 2560.0000040 | 0.0016 | 2650.0000010 | 0.0004 |
| 10 | 2559.9999980 | -0.0008 | 2649.9999980 | -0.0008 |
| 20 | 2560.0000030 | 0.0012 | 2650.0000010 | 0.0004 |
| 30 | 2559.9999960 | -0.0016 | 2650.0000010 | 0.0004 |
| 40 | 2560.0000010 | 0.0004 | 2650.0000040 | 0.0015 |
| 50 | 2560.0000020 | 0.0008 | 2649.9999990 | -0.0004 |
| 60 | 2559.9999990 | -0.0004 | 2650.0000040 | 0.0015 |
| 70 | 2560.0000010 | 0.0004 | 2649.9999990 | -0.0004 |
| 80 | 2559.9999970 | -0.0012 | 2649.9999960 | -0.0015 |
| 85 | 2560.0000030 | 0.0012 | 2650.0000010 | 0.0004 |

## LTE Band 41, Channel Bandwidth: 15 MHz

| Frequency Stability Versus Voltage | | | | |
|---|---|---|---|---|
| Voltage (Vdc) | CH 40315 (2562.5MHz) | | CH 41165 (2647.5MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| 3.23 | 2562.4999970 | -0.0012 | 2647.4999990 | -0.0004 |
| 3.80 | 2562.5000010 | 0.0004 | 2647.4999960 | -0.0015 |
| 4.37 | 2562.4999980 | -0.0008 | 2647.4999980 | -0.0008 |

Note: The applicant defined the normal working voltage is from 3.23 to 4.37 Vdc.

| Frequency Stability Versus Temperature | | | | |
|---|---|---|---|---|
| Temperature (℃) | CH 40315 (2562.5MHz) | | CH 41165 (2647.5MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| -40 | 2562.5000040 | 0.0016 | 2647.4999990 | -0.0004 |
| -30 | 2562.4999970 | -0.0012 | 2647.4999970 | -0.0011 |
| -20 | 2562.4999970 | -0.0012 | 2647.4999990 | -0.0004 |
| -10 | 2562.4999960 | -0.0016 | 2647.4999970 | -0.0011 |
| 0 | 2562.4999960 | -0.0016 | 2647.5000010 | 0.0004 |
| 10 | 2562.5000030 | 0.0012 | 2647.4999960 | -0.0015 |
| 20 | 2562.5000010 | 0.0004 | 2647.5000030 | 0.0011 |
| 30 | 2562.4999970 | -0.0012 | 2647.5000030 | 0.0011 |
| 40 | 2562.4999990 | -0.0004 | 2647.4999970 | -0.0011 |
| 50 | 2562.5000020 | 0.0008 | 2647.4999960 | -0.0015 |
| 60 | 2562.5000010 | 0.0004 | 2647.5000010 | 0.0004 |
| 70 | 2562.4999990 | -0.0004 | 2647.4999960 | -0.0015 |
| 80 | 2562.4999970 | -0.0012 | 2647.5000020 | 0.0008 |
| 85 | 2562.5000040 | 0.0016 | 2647.4999990 | -0.0004 |

## LTE Band 41, Channel Bandwidth: 20 MHz

| Frequency Stability Versus Voltage | | | | |
|---|---|---|---|---|
| Voltage (Vdc) | CH 40340 (2565MHz) | | CH 41140 (2645MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| 3.23 | 2564.9999990 | -0.0004 | 2645.0000030 | 0.0011 |
| 3.80 | 2564.9999960 | -0.0016 | 2644.9999960 | -0.0015 |
| 4.37 | 2564.9999990 | -0.0004 | 2644.9999980 | -0.0008 |

Note: The applicant defined the normal working voltage is from 3.23 to 4.37 Vdc.

| Frequency Stability Versus Temperature | | | | |
|---|---|---|---|---|
| Temperature (℃) | CH 40340 (2565MHz) | | CH 41140 (2645MHz) | |
| | Frequency (MHz) | Frequency Error (ppm) | Frequency (MHz) | Frequency Error (ppm) |
| -40 | 2565.0000010 | 0.0004 | 2644.9999960 | -0.0015 |
| -30 | 2565.0000030 | 0.0012 | 2644.9999970 | -0.0011 |
| -20 | 2565.0000020 | 0.0008 | 2644.9999980 | -0.0008 |
| -10 | 2565.0000010 | 0.0004 | 2645.0000040 | 0.0015 |
| 0 | 2564.9999990 | -0.0004 | 2644.9999970 | -0.0011 |
| 10 | 2564.9999970 | -0.0012 | 2644.9999970 | -0.0011 |
| 20 | 2565.0000040 | 0.0016 | 2645.0000020 | 0.0008 |
| 30 | 2565.0000020 | 0.0008 | 2645.0000020 | 0.0008 |
| 40 | 2564.9999980 | -0.0008 | 2645.0000010 | 0.0004 |
| 50 | 2565.0000040 | 0.0016 | 2644.9999960 | -0.0015 |
| 60 | 2564.9999960 | -0.0016 | 2644.9999970 | -0.0011 |
| 70 | 2565.0000030 | 0.0012 | 2645.0000020 | 0.0008 |
| 80 | 2564.9999970 | -0.0012 | 2644.9999990 | -0.0004 |
| 85 | 2564.9999990 | -0.0004 | 2645.0000030 | 0.0011 |

## 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.

If you have any comments, please feel free to contact us at the following:


**Lin Kou EMC/RF Lab**
Tel: 886-2-26052180
Fax: 886-2-26051924

**Hsin Chu EMC/RF/Telecom Lab**
Tel: 886-3-6668565
Fax: 886-3-6668323

**Hwa Ya EMC/RF/Safety Lab**
Tel: 886-3-3183232
Fax: 886-3-3270892

**Email:** service.adt@bureauveritas.com
**Web Site:** http://ee.bureauveritas.com.tw


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

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