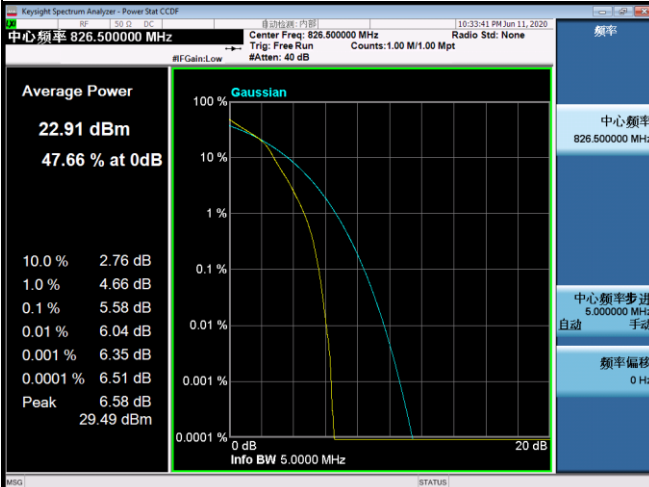
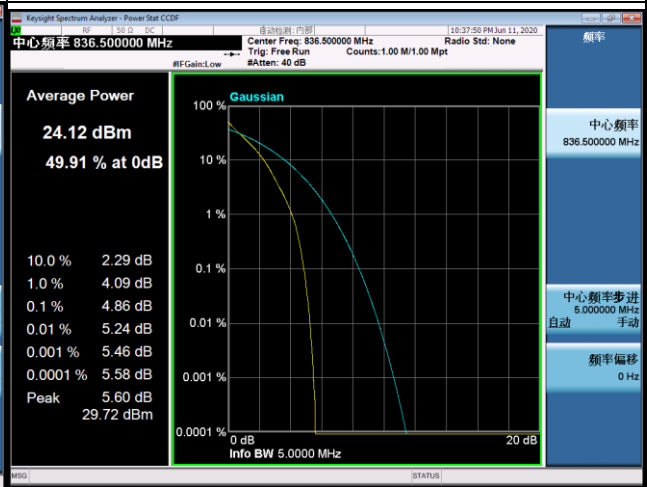


## LTE Band 26 Spectrum Plot\_5M

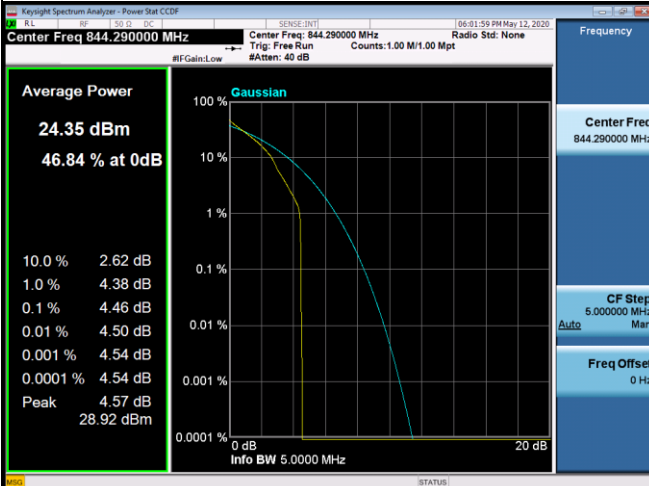
### QPSK-26815



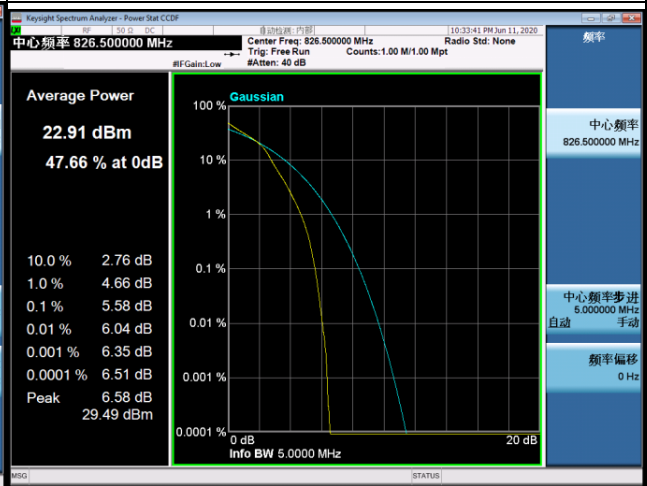
### QPSK-26915



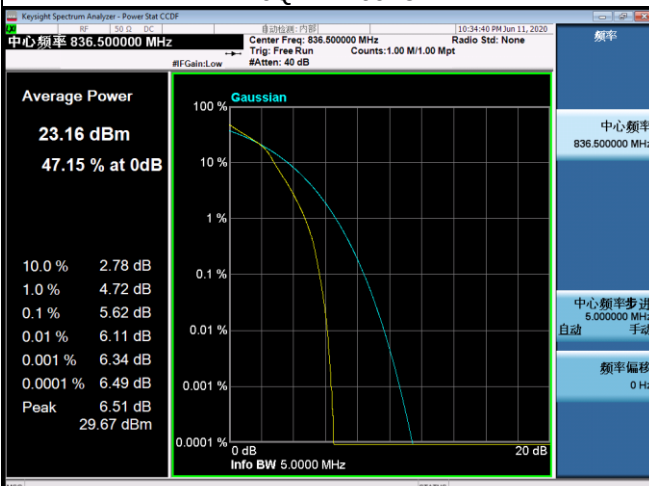
### QPSK-27015



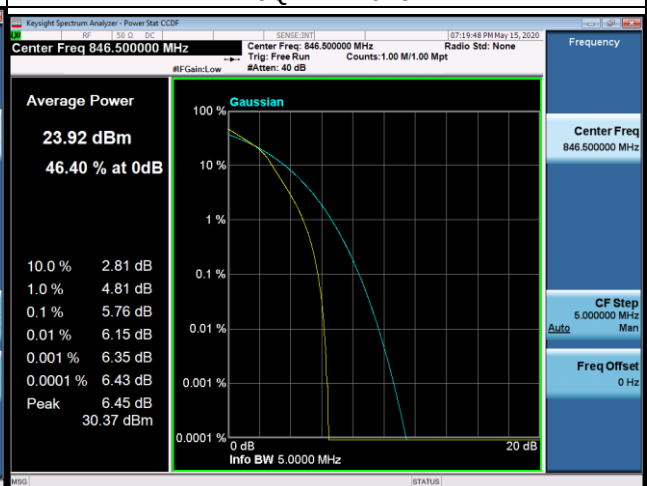
### 16QAM-26815



### 16QAM-26915

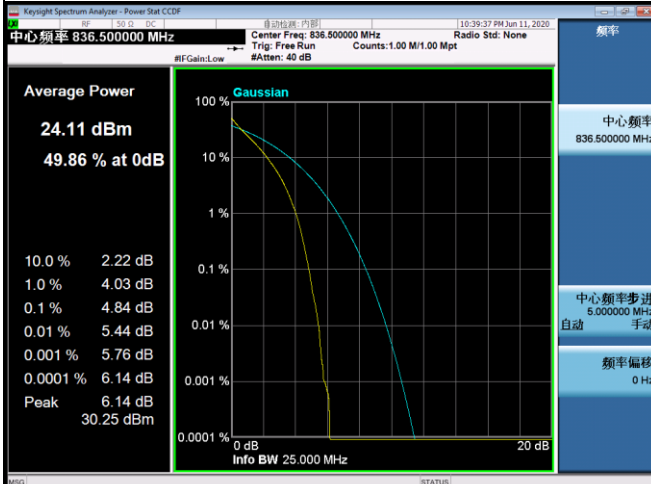


### 16QAM-27015



## LTE Band 26 Spectrum Plot\_10M

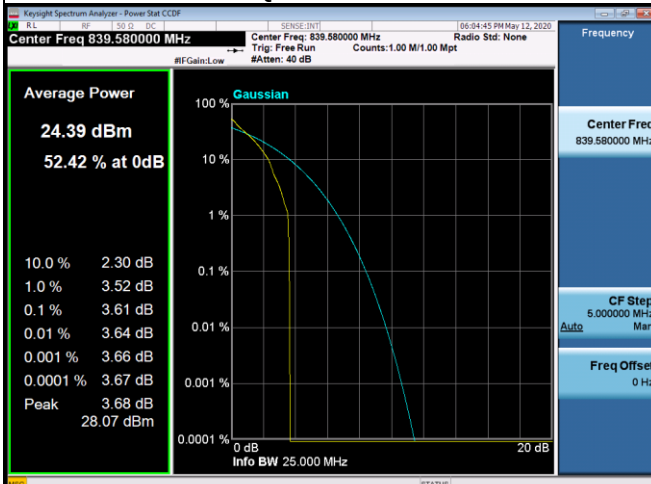
### QPSK-26840



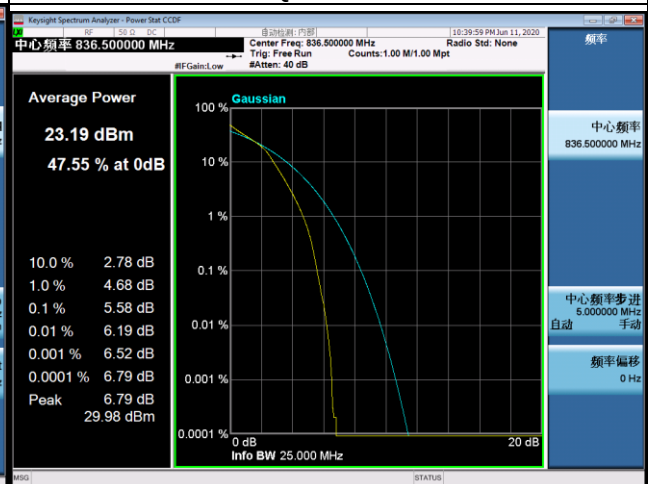
### QPSK-26915



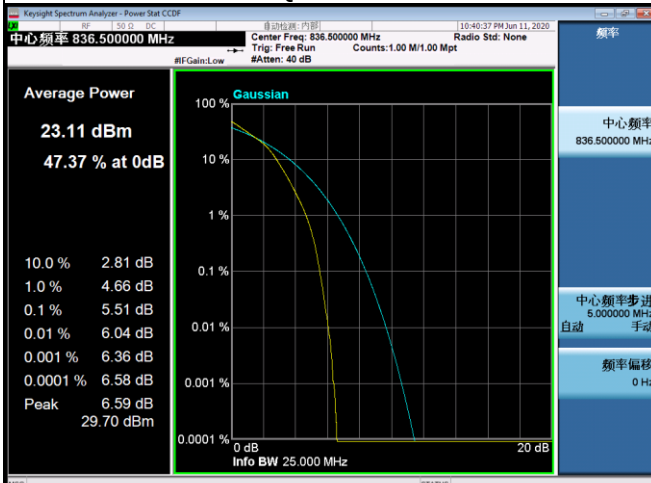
### QPSK-26990



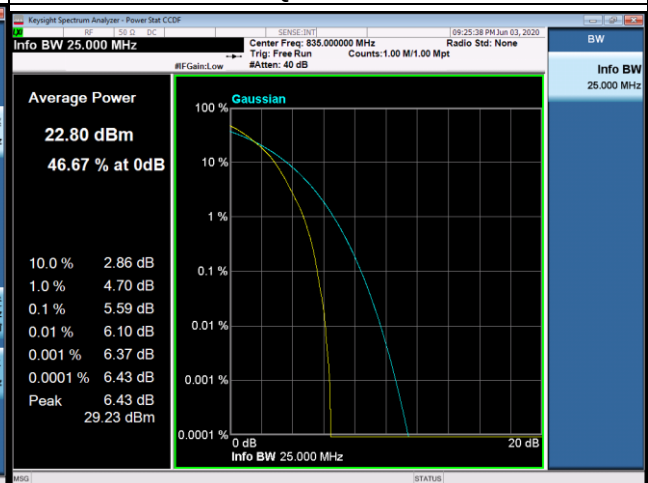
### 16QAM-26840



### 16QAM-26915

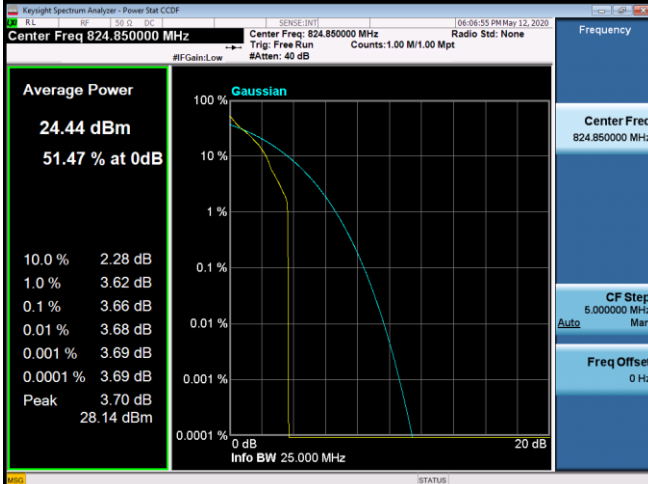


### 16QAM-26990

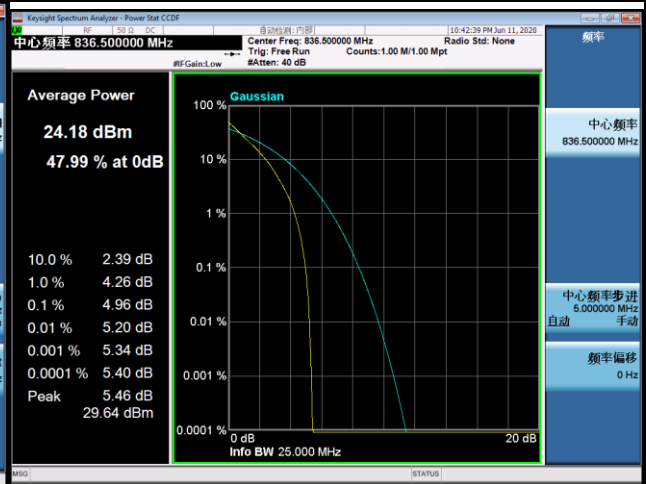


## LTE Band 26 Spectrum Plot\_15M

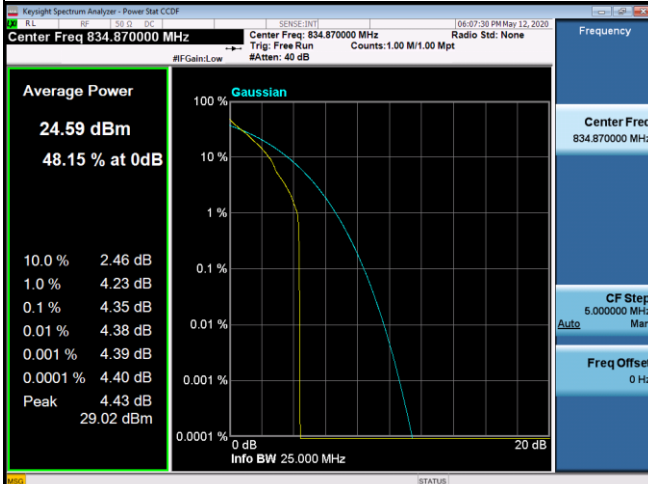
### QPSK-26865



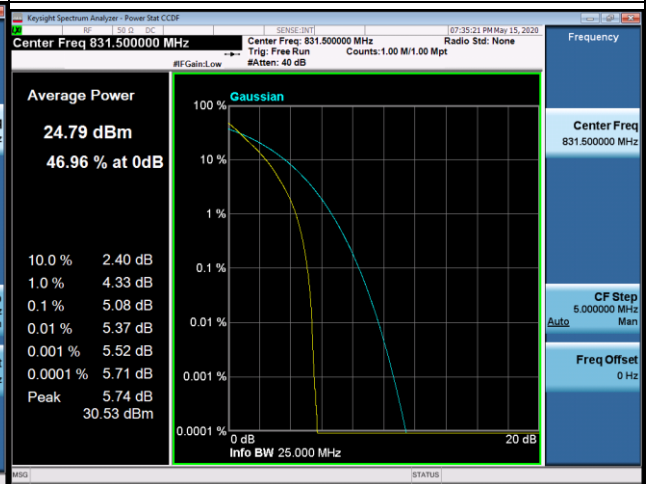
### QPSK-26915



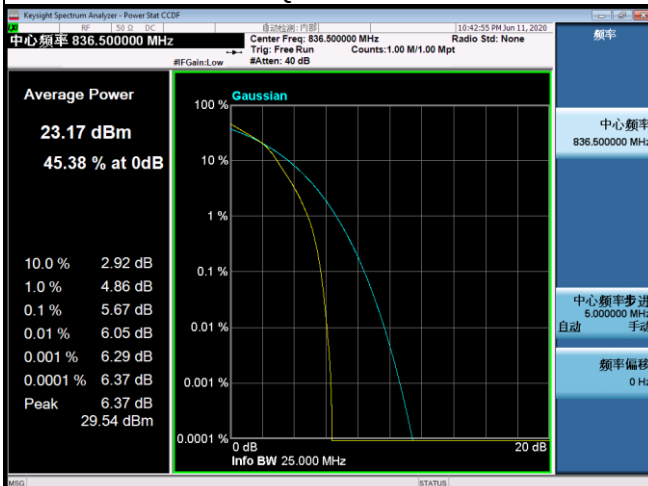
### QPSK-26965



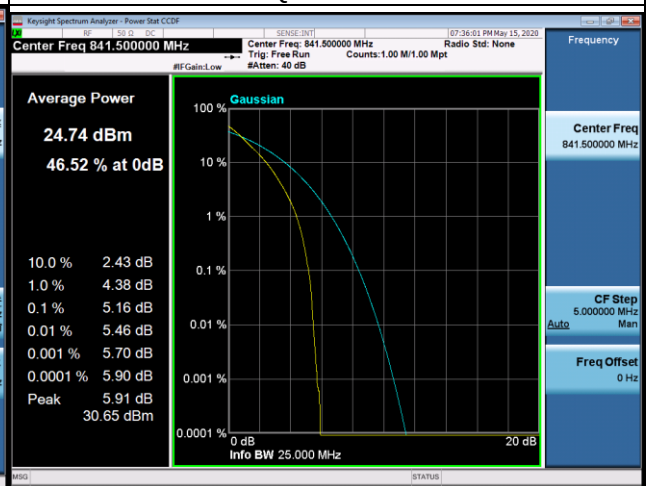
### 16QAM-26865



### 16QAM-26915



### 16QAM-26965



## **APPENDIX I - FREQUENCY STABILITY**

|           |                     |
|-----------|---------------------|
| Test Mode | WCDMA Band V_CH4182 |
|-----------|---------------------|

### Temperature vs. Frequency Stability

| Temperature(°C)      | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| -20                  | -4.82                | 0.0057608             | ±2.5       |
| -10                  | 1.19                 | 0.001421834           |            |
| 0                    | 4.18                 | 0.005001884           |            |
| 10                   | -1.45                | 0.001733317           |            |
| 20                   | 3.44                 | 0.004112424           |            |
| 30                   | 5.70                 | 0.006820603           |            |
| 40                   | 4.70                 | 0.005624314           |            |
| 50                   | 5.40                 | 0.006456808           |            |
| Max. Deviation (ppm) | 5.70                 | 0.006820603           |            |

### Voltage vs. Frequency Stability

| Voltage(Volts)       | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| 3.55                 | -5.14                | 0.006146389           | ±2.5       |
| 3.8                  | -1.25                | 0.001493575           |            |
| 4.2                  | 1.13                 | 0.001356562           |            |
| Max. Deviation (ppm) | 5.14                 | 0.006146389           |            |

Test Mode: LTE Band 5\_CH20525\_1.4M

### Temperature vs. Frequency Stability

| Temperature(°C)      | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| -20                  | -1.06                | -0.001267185          | ±2.5       |
| -10                  | 0.04                 | 4.78183E-05           |            |
| 0                    | 1.26                 | 0.001506276           |            |
| 10                   | -3.69                | -0.004411237          |            |
| 20                   | -1.76                | -0.002104005          |            |
| 30                   | -2.21                | -0.002641961          |            |
| 40                   | -4.40                | -0.005260012          |            |
| 50                   | -0.30                | -0.000358637          |            |
| Max. Deviation (ppm) | -4.40                | -0.005260012          |            |

### Voltage vs. Frequency Stability

| Voltage(Volts)       | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| 3.55                 | 5.27                 | 0.00630006            | ±2.5       |
| 3.8                  | -5.69                | -0.006802152          |            |
| 4.2                  | 1.13                 | 0.001350867           |            |
| Max. Deviation (ppm) | -5.69                | -0.006802152          |            |

Test Mode: LTE Band 5\_CH20525\_3M

### Temperature vs. Frequency Stability

| Temperature(°C)      | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| -20                  | 3.02                 | 0.003610281           | ±2.5       |
| -10                  | 1.01                 | 0.001207412           |            |
| 0                    | 2.50                 | 0.002988643           |            |
| 10                   | -5.62                | -0.00671847           |            |
| 20                   | 2.12                 | 0.002534369           |            |
| 30                   | 2.60                 | 0.003108189           |            |
| 40                   | -2.06                | -0.002462642          |            |
| 50                   | 4.99                 | 0.005965332           |            |
| Max. Deviation (ppm) | -5.62                | -0.00671847           |            |

### Voltage vs. Frequency Stability

| Voltage(Volts)       | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| 3.55                 | -3.82                | -0.004566647          | ±2.5       |
| 3.80                 | 1.32                 | 0.001578004           |            |
| 4.20                 | -2.19                | -0.002618051          |            |
| Max. Deviation (ppm) | -3.82                | -0.004566647          |            |

Test Mode: LTE Band 5\_CH20525\_5M

### Temperature vs. Frequency Stability

| Temperature(°C)      | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| -20                  | -5.77                | -0.006897788          | ±2.5       |
| -10                  | 1.19                 | 0.001422594           |            |
| 0                    | -3.45                | -0.004124328          |            |
| 10                   | 2.21                 | 0.002641961           |            |
| 20                   | -3.08                | -0.003682008          |            |
| 30                   | 0.55                 | 0.000657501           |            |
| 40                   | 5.05                 | 0.006037059           |            |
| 50                   | 3.80                 | 0.004542738           |            |
| Max. Deviation (ppm) | -5.77                | -0.006897788          |            |

### Voltage vs. Frequency Stability

| Voltage(Volts)       | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| 3.55                 | -4.62                | -0.005523013          | ±2.5       |
| 3.80                 | 0.16                 | 0.000191273           |            |
| 4.20                 | -4.01                | -0.004793784          |            |
| Max. Deviation (ppm) | -4.62                | -0.005523013          |            |

Test Mode: LTE Band 5\_CH20525\_10M

### Temperature vs. Frequency Stability

| Temperature(°C)      | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| -20                  | 2.35                 | 0.002809325           | ±2.5       |
| -10                  | -5.13                | -0.006132696          |            |
| 0                    | -1.50                | -0.001793186          |            |
| 10                   | -3.46                | -0.004136282          |            |
| 20                   | 3.91                 | 0.004674238           |            |
| 30                   | -1.84                | -0.002199641          |            |
| 40                   | -4.20                | -0.005020921          |            |
| 50                   | -1.49                | -0.001781231          |            |
| Max. Deviation (ppm) | -5.13                | -0.006132696          |            |

### Voltage vs. Frequency Stability

| Voltage(Volts)       | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| 3.55                 | 2.13                 | 0.002546324           | ±2.5       |
| 3.80                 | 4.93                 | 0.005893604           |            |
| 4.20                 | -4.12                | -0.004925284          |            |
| Max. Deviation (ppm) | 4.93                 | 0.005893604           |            |

|            |                          |
|------------|--------------------------|
| Test Mode: | LTE Band 26_CH26915_1.4M |
|------------|--------------------------|

#### Temperature vs. Frequency Stability

| Temperature(°C)      | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| -20                  | 3.02                 | 0.003610281           | ±2.5       |
| -10                  | 5.18                 | 0.006192469           |            |
| 0                    | 3.13                 | 0.003741781           |            |
| 10                   | 3.61                 | 0.004315601           |            |
| 20                   | -2.86                | -0.003419008          |            |
| 30                   | -1.81                | -0.002163778          |            |
| 40                   | 5.29                 | 0.006323969           |            |
| 50                   | 5.80                 | 0.006933652           |            |
| Max. Deviation (ppm) | 5.80                 | 0.006933652           |            |

#### Voltage vs. Frequency Stability

| Voltage(Volts)       | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| 3.55                 | 2.86                 | 0.003419008           | ±2.5       |
| 3.80                 | 2.45                 | 0.00292887            |            |
| 4.20                 | 2.12                 | 0.002534369           |            |
| Max. Deviation (ppm) | 2.86                 | 0.003419008           |            |

|            |                        |
|------------|------------------------|
| Test Mode: | LTE Band 26_CH26915_3M |
|------------|------------------------|

#### Temperature vs. Frequency Stability

| Temperature(°C)      | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| -20                  | -0.05                | -5.9773E-05           | ±2.5       |
| -10                  | 2.55                 | 0.003048416           |            |
| 0                    | 3.96                 | 0.004734011           |            |
| 10                   | -0.05                | -5.9773E-05           |            |
| 20                   | 1.38                 | 0.001649731           |            |
| 30                   | -3.80                | -0.00454274           |            |
| 40                   | 2.61                 | 0.003120143           |            |
| 50                   | -4.00                | -0.00478183           |            |
| Max. Deviation (ppm) | -4.00                | -0.00478183           |            |

#### Voltage vs. Frequency Stability

| Voltage(Volts)       | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| 3.55                 | -5.19                | -0.00620442           | ±2.5       |
| 3.80                 | -2.05                | -0.00245069           |            |
| 4.20                 | -4.65                | -0.00555888           |            |
| Max. Deviation (ppm) | -5.19                | -0.00620442           |            |

|            |                        |
|------------|------------------------|
| Test Mode: | LTE Band 26_CH26915_5M |
|------------|------------------------|

#### Temperature vs. Frequency Stability

| Temperature(°C)      | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| -20                  | -1.30                | -0.001554094          | ±2.5       |
| -10                  | 5.25                 | 0.006276151           |            |
| 0                    | 5.80                 | 0.006933652           |            |
| 10                   | 4.43                 | 0.005295876           |            |
| 20                   | 2.52                 | 0.003012552           |            |
| 30                   | 3.52                 | 0.00420801            |            |
| 40                   | 4.08                 | 0.004877466           |            |
| 50                   | -0.91                | -0.001087866          |            |
| Max. Deviation (ppm) | 5.80                 | 0.006933652           |            |

#### Voltage vs. Frequency Stability

| Voltage(Volts)       | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| 3.55                 | 2.91                 | 0.003478781           | ±2.5       |
| 3.80                 | -3.54                | -0.004231919          |            |
| 4.20                 | -4.43                | -0.005295876          |            |
| Max. Deviation (ppm) | -4.43                | -0.005295876          |            |

|            |                         |
|------------|-------------------------|
| Test Mode: | LTE Band 26_CH26915_10M |
|------------|-------------------------|

#### Temperature vs. Frequency Stability

| Temperature(°C)      | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| -20                  | -5.97                | -0.00713688           | ±2.5       |
| -10                  | -4.43                | -0.005295876          |            |
| 0                    | 1.67                 | 0.001996414           |            |
| 10                   | 2.31                 | 0.002761506           |            |
| 20                   | 3.08                 | 0.003682008           |            |
| 30                   | -2.91                | -0.003478781          |            |
| 40                   | 1.89                 | 0.002259414           |            |
| 50                   | 0.84                 | 0.001004184           |            |
| Max. Deviation (ppm) | -5.97                | -0.00713688           |            |

#### Voltage vs. Frequency Stability

| Voltage(Volts)       | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| 3.55                 | 3.90                 | 0.004662283           | ±2.5       |
| 3.80                 | -3.93                | -0.004698147          |            |
| 4.20                 | 5.07                 | 0.006060968           |            |
| Max. Deviation (ppm) | 5.07                 | 0.006060968           |            |

|            |                         |
|------------|-------------------------|
| Test Mode: | LTE Band 26_CH26915_15M |
|------------|-------------------------|

### Temperature vs. Frequency Stability

| Temperature(°C)      | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| -20                  | -5.96                | -0.00712              | ±2.5       |
| -10                  | 0.91                 | 0.001088              |            |
| 0                    | -4.40                | -0.00526              |            |
| 10                   | 1.08                 | 0.001291              |            |
| 20                   | 1.76                 | 0.002104              |            |
| 30                   | 1.97                 | 0.002355              |            |
| 40                   | -5.95                | -0.00711              |            |
| 50                   | 2.09                 | 0.002499              |            |
| Max. Deviation (ppm) | -5.96                | -0.00712              |            |

### Voltage vs. Frequency Stability

| Voltage(Volts)       | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| 3.55                 | 5.32                 | 0.00636               | ±2.5       |
| 3.80                 | -1.91                | -0.00228              |            |
| 4.20                 | 1.26                 | 0.001506              |            |
| Max. Deviation (ppm) | 5.32                 | 0.00636               |            |

End of Test Report