

# Frequency Stability

## GSM

### GSM 850

| Test Conditions |                  | Frequency Deviation |             |                  |             |                  |             | Verdict |
|-----------------|------------------|---------------------|-------------|------------------|-------------|------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | LCH<br>824.2 MHz    |             | MCH<br>836.6 MHz |             | HCH<br>848.8 MHz |             |         |
|                 |                  | Value (Hz)          | Limits (Hz) | Value (Hz)       | Limits (Hz) | Value (Hz)       | Limits (Hz) |         |
| 3.85            | -20              | 8.62                | ±2060.5     | 11.72            | ±2091.5     | 14.53            | ±2122       | Pass    |
|                 | -10              | 10.27               |             | 9.2              |             | 12.07            |             |         |
|                 | 0                | 9.3                 |             | 11.88            |             | 15.59            |             |         |
|                 | +10              | 8.39                |             | 8.52             |             | 9.65             |             |         |
|                 | +20              | 7.01                |             | 9.43             |             | 13.3             |             |         |
|                 | +25              | 11.11               |             | 11.27            |             | 11.24            |             |         |
|                 | +30              | 12.07               |             | 10.62            |             | 10.59            |             |         |
|                 | +40              | 9.17                |             | 9.72             |             | 7.36             |             |         |
| 4.4             | +25              | 14.11               |             | 12.56            |             | 11.88            |             |         |
| 3.0             | +25              | 8.56                |             | 12.04            |             | 16.24            |             |         |

### GSM 1900

| Test Conditions |                  | Frequency Deviation |             |                 |             |                   |             | Verdict |
|-----------------|------------------|---------------------|-------------|-----------------|-------------|-------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | LCH<br>1850.2 MHz   |             | MCH<br>1880 MHz |             | HCH<br>1909.8 MHz |             |         |
|                 |                  | Value (Hz)          | Limits (Hz) | Value (Hz)      | Limits (Hz) | Value (Hz)        | Limits (Hz) |         |
| 3.85            | -20              | 28.48               | ±4625.5     | 22.7            | ±4700.0     | 23.12             | ±4774.5     | Pass    |
|                 | -10              | 25.25               |             | 29.22           |             | 27.02             |             |         |
|                 | 0                | 19.47               |             | 25.51           |             | 29.8              |             |         |
|                 | +10              | 28.12               |             | 25.63           |             | 20.47             |             |         |
|                 | +20              | 21.83               |             | 27.09           |             | 19.34             |             |         |
|                 | +25              | 24.63               |             | 27.73           |             | 20.57             |             |         |
|                 | +30              | 27.67               |             | 25.34           |             | 23.37             |             |         |
|                 | +40              | 30.9                |             | 28.93           |             | 27.67             |             |         |
| 4.4             | +25              | 31.51               |             | 23.63           |             | 23.76             |             |         |
| 3.0             | +25              | 23.6                |             | 26.09           |             | 26.12             |             |         |

## GPRS

### GPRS 850

| Test Conditions |                  | Frequency Deviation |             |                  |             |                  |             | Verdict |
|-----------------|------------------|---------------------|-------------|------------------|-------------|------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | LCH<br>824.2 MHz    |             | MCH<br>836.6 MHz |             | HCH<br>848.8 MHz |             |         |
|                 |                  | Value (Hz)          | Limits (Hz) | Value (Hz)       | Limits (Hz) | Value (Hz)       | Limits (Hz) |         |
| 3.85            | -20              | 4.04                | ±2060.5     | 7.33             | ±2091.5     | 8.17             | ±2122       | Pass    |
|                 | -10              | 12.33               |             | 7.55             |             | 9.59             |             |         |
|                 | 0                | 4.84                |             | 7.43             |             | 7.2              |             |         |
|                 | +10              | 8.07                |             | 7.14             |             | 5.33             |             |         |
|                 | +20              | 10.98               |             | 6.07             |             | 9.14             |             |         |
|                 | +25              | 8.52                |             | 5.78             |             | 6.01             |             |         |
|                 | +30              | 5.75                |             | 7.65             |             | 9.1              |             |         |
|                 | +40              | 9.62                |             | 12.07            |             | 9.14             |             |         |
| 4.4             | +25              | 6.55                |             | 5.68             |             | 8.46             |             |         |
| 3.0             | +25              | -4.2                |             | 4.84             |             | 7.78             |             |         |

### GPRS 1900

| Test Conditions |                  | Frequency Deviation |             |                 |             |                   |             | Verdict |
|-----------------|------------------|---------------------|-------------|-----------------|-------------|-------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | LCH<br>1850.2 MHz   |             | MCH<br>1880 MHz |             | HCH<br>1909.8 MHz |             |         |
|                 |                  | Value (Hz)          | Limits (Hz) | Value (Hz)      | Limits (Hz) | Value (Hz)        | Limits (Hz) |         |
| 3.85            | -20              | 16.53               | ±4625.5     | 19.95           | ±4700.0     | 19.27             | ±4774.5     | Pass    |
|                 | -10              | 19.37               |             | 17.31           |             | 17.66             |             |         |
|                 | 0                | 12.72               |             | 21.18           |             | 12.59             |             |         |
|                 | +10              | 18.21               |             | 16.3            |             | 17.4              |             |         |
|                 | +20              | 20.31               |             | 18.27           |             | 17.37             |             |         |
|                 | +25              | 17.56               |             | 22.57           |             | 22.28             |             |         |
|                 | +30              | 20.21               |             | 19.18           |             | 18.08             |             |         |
|                 | +40              | 20.34               |             | 15.79           |             | 18.66             |             |         |
| 4.4             | +25              | 18.34               |             | 15.3            |             | 15.79             |             |         |
| 3.0             | +25              | 18.73               |             | 20.18           |             | 16.11             |             |         |

## EGPRS

### EGPRS 850

| Test Conditions |                  | Frequency Deviation |             |                  |             |                  |             | Verdict |
|-----------------|------------------|---------------------|-------------|------------------|-------------|------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | LCH<br>824.2 MHz    |             | MCH<br>836.6 MHz |             | HCH<br>848.8 MHz |             |         |
|                 |                  | Value (Hz)          | Limits (Hz) | Value (Hz)       | Limits (Hz) | Value (Hz)       | Limits (Hz) |         |
| 3.85            | -20              | 9.75                | ±2060.5     | 11.62            | ±2091.5     | 12.43            | ±2122       | Pass    |
|                 | -10              | 9.69                |             | 10.01            |             | 13.3             |             |         |
|                 | 0                | 10.78               |             | 11.62            |             | 10.72            |             |         |
|                 | +10              | 10.69               |             | 11.59            |             | 11.78            |             |         |
|                 | +20              | 14.08               |             | 11.24            |             | 9.17             |             |         |
|                 | +25              | 14.72               |             | 11.4             |             | 9.65             |             |         |
|                 | +30              | 10.07               |             | 12.66            |             | 9.14             |             |         |
|                 | +40              | 8.23                |             | 13.43            |             | 11.36            |             |         |
| 4.4             | +25              | 12.2                |             | 10.53            |             | 10.4             |             |         |
| 3.0             | +25              | 8.65                |             | 7.14             |             | 14.08            |             |         |

### EGPRS 1900

| Test Conditions |                  | Frequency Deviation |             |                 |             |                   |             | Verdict |
|-----------------|------------------|---------------------|-------------|-----------------|-------------|-------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | LCH<br>1850.2 MHz   |             | MCH<br>1880 MHz |             | HCH<br>1909.8 MHz |             |         |
|                 |                  | Value (Hz)          | Limits (Hz) | Value (Hz)      | Limits (Hz) | Value (Hz)        | Limits (Hz) |         |
| 3.85            | -20              | 24.54               | ±4625.5     | 23.92           | ±4700.0     | 25.02             | ±4774.5     | Pass    |
|                 | -10              | 30.77               |             | 26.64           |             | 26.47             |             |         |
|                 | 0                | 26.09               |             | 24.02           |             | 24.02             |             |         |
|                 | +10              | 24.96               |             | 25.67           |             | 26.99             |             |         |
|                 | +20              | 23.18               |             | 20.02           |             | 20.11             |             |         |
|                 | +25              | 20.5                |             | 24.57           |             | 21.6              |             |         |
|                 | +30              | 23.47               |             | 24.31           |             | 24.18             |             |         |
|                 | +40              | 23.25               |             | 25.09           |             | 20.57             |             |         |
| 4.4             | +25              | 25.7                |             | 25.41           |             | 21.76             |             |         |
| 3.0             | +25              | 26.54               |             | 27.89           |             | 14.33             |             |         |

## WCDMA

### WCDMA Band 2

| Test Conditions |                  | Frequency Deviation |             |                 |             |                   |             | Verdict |
|-----------------|------------------|---------------------|-------------|-----------------|-------------|-------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | LCH<br>1852.4 MHz   |             | MCH<br>1880 MHz |             | HCH<br>1907.6 MHz |             |         |
|                 |                  | Value (Hz)          | Limits (Hz) | Value (Hz)      | Limits (Hz) | Value (Hz)        | Limits (Hz) |         |
| 3.85            | -20              | -4.3                | ±4631       | -7.63           | ±4700       | -13.38            | ±4769       | Pass    |
|                 | -10              | -4.79               |             | -8.16           |             | -12.35            |             |         |
|                 | 0                | -6.38               |             | -9.16           |             | -11.69            |             |         |
|                 | +10              | -3.82               |             | -9.26           |             | -9.33             |             |         |
|                 | +20              | -6.04               |             | -10.11          |             | -13.45            |             |         |
|                 | +25              | -5.49               |             | -9.53           |             | -15.96            |             |         |
|                 | +30              | -8.35               |             | -12.55          |             | -12.77            |             |         |
|                 | +40              | -5.51               |             | -4.9            |             | -11.4             |             |         |
| 4.4             | +25              | -2.07               |             | -9.54           |             | -12.7             |             |         |
| 3.0             | +25              | -1.24               |             | -10.74          |             | -15.79            |             |         |

### WCDMA Band 4

| Test Conditions |                  | Frequency Deviation |             |                   |             |                   |             | Verdict |
|-----------------|------------------|---------------------|-------------|-------------------|-------------|-------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | LCH<br>1712.4 MHz   |             | MCH<br>1732.4 MHz |             | HCH<br>1752.6 MHz |             |         |
|                 |                  | Value (Hz)          | Limits (Hz) | Value (Hz)        | Limits (Hz) | Value (Hz)        | Limits (Hz) |         |
| 3.85            | -20              | -4.63               | ±4281       | -9.52             | ±4331       | -8.75             | ±4381.5     | Pass    |
|                 | -10              | -9.34               |             | -9.28             |             | -9.13             |             |         |
|                 | 0                | -4.76               |             | -7.56             |             | -8.79             |             |         |
|                 | +10              | -4.94               |             | -11.46            |             | -8.93             |             |         |
|                 | +20              | -3.12               |             | -9.48             |             | -8.55             |             |         |
|                 | +25              | -2.06               |             | -8.22             |             | -12.35            |             |         |
|                 | +30              | -4.33               |             | -2.6              |             | -14.88            |             |         |
|                 | +40              | -4.39               |             | -7.88             |             | -8.73             |             |         |
| 4.4             | +25              | -5.66               |             | -8.65             |             | -7.96             |             |         |
| 3.0             | +25              | -6.25               |             | -6.68             |             | -7.15             |             |         |

# WCDMA Band B5

| Test Conditions |                  | Frequency Deviation |             |                  |             |                  |             | Verdict |
|-----------------|------------------|---------------------|-------------|------------------|-------------|------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | LCH<br>826.4 MHz    |             | MCH<br>836.4 MHz |             | HCH<br>846.6 MHz |             |         |
|                 |                  | Value (Hz)          | Limits (Hz) | Value (Hz)       | Limits (Hz) | Value (Hz)       | Limits (Hz) |         |
| 3.85            | -20              | -2.98               | ±2066       | -4.33            | ±2091       | -8.88            | ±2116.5     | Pass    |
|                 | -10              | -6.65               |             | -9.41            |             | -9.43            |             |         |
|                 | 0                | -4.22               |             | -7.41            |             | -5.97            |             |         |
|                 | +10              | -6.22               |             | -10.06           |             | -13.33           |             |         |
|                 | +20              | -7.13               |             | -11.82           |             | -11.14           |             |         |
|                 | +25              | -10.14              |             | -7.62            |             | -5.36            |             |         |
|                 | +30              | -8.26               |             | -8.68            |             | -7.67            |             |         |
|                 | +40              | -3.21               |             | -10.83           |             | -10.8            |             |         |
| 4.4             | +25              | -6.87               |             | -9.51            |             | -9.27            |             |         |
| 3.0             | +25              | -8.29               |             | -10.93           |             | -13              |             |         |

## LTE

### LTE Band 2 QPSK 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>1880 MHz     |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | -6.81               | ±4700       | Pass    |
|                 | -10              | -9.67               |             |         |
|                 | 0                | -7.74               |             |         |
|                 | +10              | -8.61               |             |         |
|                 | +20              | -7.55               |             |         |
|                 | +25              | -5.28               |             |         |
|                 | +30              | -7.68               |             |         |
|                 | +40              | -7.75               |             |         |
| 4.4             | +25              | -3.39               | ±4700       | Pass    |
| 3.0             | +25              | -6.69               |             |         |

### LTE Band 2 16QAM 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>1880 MHz     |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | -10.43              | ±4700       | Pass    |
|                 | -10              | -9.58               |             |         |
|                 | 0                | -8.44               |             |         |
|                 | +10              | -7.2                |             |         |
|                 | +20              | -7.35               |             |         |
|                 | +25              | -3.1                |             |         |
|                 | +30              | -8.64               |             |         |
|                 | +40              | -8.97               |             |         |
| 4.4             | +25              | -3.48               | ±4700       | Pass    |
| 3.0             | +25              | -8.37               |             |         |

#### LTE Band 4 QPSK 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>1732.5 MHz   |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | -3.38               | ±4331.25    | Pass    |
|                 | -10              | -4.61               |             |         |
|                 | 0                | -7.18               |             |         |
|                 | +10              | -4.45               |             |         |
|                 | +20              | -1.17               |             |         |
|                 | +25              | -2.9                |             |         |
|                 | +30              | -6.18               |             |         |
|                 | +40              | 0.01                |             |         |
| 4.4             | +25              | -2.55               | ±4331.25    | Pass    |
| 3.0             | +25              | -6.09               |             |         |

#### LTE Band 4 16QAM 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>1732.5 MHz   |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | -9.5                | ±4331.25    | Pass    |
|                 | -10              | -7.24               |             |         |
|                 | 0                | -7.61               |             |         |
|                 | +10              | -7.9                |             |         |
|                 | +20              | -3.25               |             |         |
|                 | +25              | -3.5                |             |         |
|                 | +30              | -2.59               |             |         |
|                 | +40              | -6.47               |             |         |
| 4.4             | +25              | -5.45               | ±4331.25    | Pass    |
| 3.0             | +25              | -4.45               |             |         |

### LTE Band 5 QPSK 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>836.5 MHz    |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | -1.44               | ±2091.25    | Pass    |
|                 | -10              | -5.11               |             |         |
|                 | 0                | -3.75               |             |         |
|                 | +10              | -6.41               |             |         |
|                 | +20              | -8.27               |             |         |
|                 | +25              | -2.36               |             |         |
|                 | +30              | -2.69               |             |         |
|                 | +40              | -2.98               |             |         |
| 4.4             | +25              | -6.08               | ±2091.25    | Pass    |
| 3.0             | +25              | -9.33               |             |         |

### LTE Band 5 16QAM 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>836.5 MHz    |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | -1.92               | ±2091.25    | Pass    |
|                 | -10              | -5.79               |             |         |
|                 | 0                | -2.89               |             |         |
|                 | +10              | -7.57               |             |         |
|                 | +20              | -6.04               |             |         |
|                 | +25              | -3.93               |             |         |
|                 | +30              | -3.62               |             |         |
|                 | +40              | -3.72               |             |         |
| 4.4             | +25              | -7.05               | ±2091.25    | Pass    |
| 3.0             | +25              | -7.51               |             |         |

### LTE Band 7 QPSK 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>2535 MHz     |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | -4.68               | ±6337.5     | Pass    |
|                 | -10              | -2.83               |             |         |
|                 | 0                | -5.95               |             |         |
|                 | +10              | 1.44                |             |         |
|                 | +20              | -7.64               |             |         |
|                 | +25              | -5.32               |             |         |
|                 | +30              | -3.12               |             |         |
|                 | +40              | -1.9                |             |         |
| 4.4             | +25              | -2.49               | ±6337.5     | Pass    |
| 3.0             | +25              | -3.86               |             |         |

### LTE Band 7 16-QAM 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>2535 MHz     |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | -1.33               | ±6337.5     | Pass    |
|                 | -10              | -5.54               |             |         |
|                 | 0                | -11.52              |             |         |
|                 | +10              | -3.58               |             |         |
|                 | +20              | -3.83               |             |         |
|                 | +25              | -3.38               |             |         |
|                 | +30              | -3.96               |             |         |
|                 | +40              | -7.42               |             |         |
| 4.4             | +25              | -2.53               | ±6337.5     | Pass    |
| 3.0             | +25              | 1.97                |             |         |

#### LTE Band 12 QPSK 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>707.5 MHz    |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | -4.89               | ±1768.75    | Pass    |
|                 | -10              | -6.05               |             |         |
|                 | 0                | -5.09               |             |         |
|                 | +10              | -2.65               |             |         |
|                 | +20              | -8.43               |             |         |
|                 | +25              | -6.75               |             |         |
|                 | +30              | -4.73               |             |         |
|                 | +40              | -4.76               |             |         |
| 4.4             | +25              | -1.03               |             |         |
| 3.0             | +25              | -8.04               |             |         |

#### LTE Band 12 16QAM 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>707.5 MHz    |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | -3.05               | ±1768.75    | Pass    |
|                 | -10              | -5.84               |             |         |
|                 | 0                | -4.22               |             |         |
|                 | +10              | -2.68               |             |         |
|                 | +20              | -9.6                |             |         |
|                 | +25              | -6.15               |             |         |
|                 | +30              | -4.75               |             |         |
|                 | +40              | -5.29               |             |         |
| 4.4             | +25              | -6.85               |             |         |
| 3.0             | +25              | -6.07               |             |         |

### LTE Band 13 QPSK 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>782 MHz      |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | 0                   | ±1768.75    | Pass    |
|                 | -10              | 0                   |             |         |
|                 | 0                | 0                   |             |         |
|                 | +10              | 0                   |             |         |
|                 | +20              | 0                   |             |         |
|                 | +25              | 0                   |             |         |
|                 | +30              | 0                   |             |         |
|                 | +40              | 0                   |             |         |
| 4.4             | +25              | 0                   |             |         |
| 3.0             | +25              | 0                   |             |         |

### LTE Band 13 16QAM 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>782 MHz      |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | 0                   | ±1768.75    | Pass    |
|                 | -10              | 0                   |             |         |
|                 | 0                | 0                   |             |         |
|                 | +10              | 0                   |             |         |
|                 | +20              | 0                   |             |         |
|                 | +25              | 0                   |             |         |
|                 | +30              | 0                   |             |         |
|                 | +40              | 0                   |             |         |
| 4.4             | +25              | 0                   |             |         |
| 3.0             | +25              | 0                   |             |         |

### LTE Band 17 QPSK 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>710 MHz      |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | -1.29               | ±1775       | Pass    |
|                 | -10              | -9.11               |             |         |
|                 | 0                | -5.99               |             |         |
|                 | +10              | -4.85               |             |         |
|                 | +20              | -4.29               |             |         |
|                 | +25              | -6.39               |             |         |
|                 | +30              | -5.44               |             |         |
|                 | +40              | -4.45               |             |         |
| 4.4             | +25              | -10.46              |             |         |
| 3.0             | +25              | -6.91               |             |         |

### LTE Band 17 16QAM 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>710 MHz      |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | -2.95               | ±1775       | Pass    |
|                 | -10              | -10.94              |             |         |
|                 | 0                | -6.07               |             |         |
|                 | +10              | -3.78               |             |         |
|                 | +20              | -5.65               |             |         |
|                 | +25              | -8.14               |             |         |
|                 | +30              | -6.52               |             |         |
|                 | +40              | -2.43               |             |         |
| 4.4             | +25              | -7.44               |             |         |
| 3.0             | +25              | -7.35               |             |         |

### LTE Band 25 QPSK 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>1882.5 MHz   |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | -5.66               | ±1775       | Pass    |
|                 | -10              | -6.37               |             |         |
|                 | 0                | -6.41               |             |         |
|                 | +10              | -7.51               |             |         |
|                 | +20              | -0.9                |             |         |
|                 | +25              | -9.48               |             |         |
|                 | +30              | -4.96               |             |         |
|                 | +40              | -2.23               |             |         |
| 4.4             | +25              | -4.22               | ±1775       | Pass    |
| 3.0             | +25              | -9.36               |             |         |

### LTE Band 25 16QAM 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>1882.5 MHz   |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | -6.32               | ±1775       | Pass    |
|                 | -10              | -9.96               |             |         |
|                 | 0                | -7.15               |             |         |
|                 | +10              | -4.61               |             |         |
|                 | +20              | -7.67               |             |         |
|                 | +25              | -7.82               |             |         |
|                 | +30              | -5.64               |             |         |
|                 | +40              | -4.55               |             |         |
| 4.4             | +25              | -4.46               | ±1775       | Pass    |
| 3.0             | +25              | -7.38               |             |         |

### LTE Band 26 (Part22) QPSK 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>836.5 MHz    |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | -5.44               | ±2091.25    | Pass    |
|                 | -10              | -5.99               |             |         |
|                 | 0                | -2.33               |             |         |
|                 | +10              | -6.37               |             |         |
|                 | +20              | -5.14               |             |         |
|                 | +25              | -5.22               |             |         |
|                 | +30              | -8.51               |             |         |
|                 | +40              | -8.21               |             |         |
| 4.4             | +25              | -2.75               | ±2091.25    | Pass    |
| 3.0             | +25              | -8.75               |             |         |

### LTE Band 26 (Part22) 16QAM 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>836.5 MHz    |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | -7.17               | ±2091.25    | Pass    |
|                 | -10              | -2.33               |             |         |
|                 | 0                | -7.9                |             |         |
|                 | +10              | -7.17               |             |         |
|                 | +20              | -2.83               |             |         |
|                 | +25              | -7.94               |             |         |
|                 | +30              | -6.52               |             |         |
|                 | +40              | -7.61               |             |         |
| 4.4             | +25              | -4.84               | ±2091.25    | Pass    |
| 3.0             | +25              | -8.61               |             |         |

### LTE Band 26 (Part90) QPSK 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>819 MHz      |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | 0                   | ±2047.5     | Pass    |
|                 | -10              | 0                   |             |         |
|                 | 0                | 0                   |             |         |
|                 | +10              | 0                   |             |         |
|                 | +20              | 0                   |             |         |
|                 | +25              | 0                   |             |         |
|                 | +30              | 0                   |             |         |
|                 | +40              | 0                   |             |         |
| 4.4             | +25              | 0                   | ±2047.5     | Pass    |
| 3.0             | +25              | 0                   |             |         |

### LTE Band 26 (Part90) 16QAM 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>819 MHz      |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | 0                   | ±2047.5     | Pass    |
|                 | -10              | 0                   |             |         |
|                 | 0                | 0                   |             |         |
|                 | +10              | 0                   |             |         |
|                 | +20              | 0                   |             |         |
|                 | +25              | 0                   |             |         |
|                 | +30              | 0                   |             |         |
|                 | +40              | 0                   |             |         |
| 4.4             | +25              | 0                   | ±2047.5     | Pass    |
| 3.0             | +25              | 0                   |             |         |

#### LTE Band 38 QPSK 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>2595 MHz     |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | -3.59               | ±6487.5     | Pass    |
|                 | -10              | -6.62               |             |         |
|                 | 0                | -3.2                |             |         |
|                 | +10              | -4.69               |             |         |
|                 | +20              | -3.42               |             |         |
|                 | +25              | -3.88               |             |         |
|                 | +30              | -5.65               |             |         |
|                 | +40              | -3.76               |             |         |
| 4.4             | +25              | -5.61               |             |         |
| 3.0             | +25              | -3.55               |             |         |

#### LTE Band 38 16QAM 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>2595 MHz     |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | -8.8                | ±6487.5     | Pass    |
|                 | -10              | -6.04               |             |         |
|                 | 0                | -3.95               |             |         |
|                 | +10              | -3.69               |             |         |
|                 | +20              | -5.51               |             |         |
|                 | +25              | -2.37               |             |         |
|                 | +30              | -5.49               |             |         |
|                 | +40              | -1.59               |             |         |
| 4.4             | +25              | -4.85               |             |         |
| 3.0             | +25              | -5.22               |             |         |

#### LTE Band 41(120M) QPSK 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>2595 MHz     |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | -3.65               | ±6482.5     | Pass    |
|                 | -10              | -5.41               |             |         |
|                 | 0                | -6.28               |             |         |
|                 | +10              | -7.24               |             |         |
|                 | +20              | -9.6                |             |         |
|                 | +25              | -4.55               |             |         |
|                 | +30              | -5.41               |             |         |
|                 | +40              | -5.52               |             |         |
| 4.4             | +25              | -8.27               |             |         |
| 3.0             | +25              | -6.18               |             |         |

#### LTE Band 41(120M) 16QAM 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>2595 MHz     |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | -7.87               | ±6482.5     | Pass    |
|                 | -10              | -5.72               |             |         |
|                 | 0                | -7.05               |             |         |
|                 | +10              | -5.56               |             |         |
|                 | +20              | -4.68               |             |         |
|                 | +25              | -6.17               |             |         |
|                 | +30              | -6.19               |             |         |
|                 | +40              | -4.46               |             |         |
| 4.4             | +25              | -7.94               |             |         |
| 3.0             | +25              | -4.53               |             |         |

### LTE Band 66 QPSK 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>1745 MHz     |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | -3.96               | ±4362.5     | Pass    |
|                 | -10              | -5.71               |             |         |
|                 | 0                | -1.29               |             |         |
|                 | +10              | -0.89               |             |         |
|                 | +20              | -4.19               |             |         |
|                 | +25              | -4.89               |             |         |
|                 | +30              | -1.89               |             |         |
|                 | +40              | -0.33               |             |         |
| 4.4             | +25              | -0.11               | ±4362.5     | Pass    |
| 3.0             | +25              | -0.84               |             |         |

### LTE Band 66 16QAM 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>1745 MHz     |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | -6.51               | ±4362.5     | Pass    |
|                 | -10              | 0.2                 |             |         |
|                 | 0                | -4.71               |             |         |
|                 | +10              | -5.38               |             |         |
|                 | +20              | -3.05               |             |         |
|                 | +25              | -2.02               |             |         |
|                 | +30              | -3.42               |             |         |
|                 | +40              | -2.35               |             |         |
| 4.4             | +25              | -2.46               | ±4362.5     | Pass    |
| 3.0             | +25              | -3.39               |             |         |

### LTE Band 71 QPSK 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>680.5 MHz    |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | -6.81               | ±4362.5     | Pass    |
|                 | -10              | -8.41               |             |         |
|                 | 0                | -5.44               |             |         |
|                 | +10              | -10.03              |             |         |
|                 | +20              | -7.67               |             |         |
|                 | +25              | -6.61               |             |         |
|                 | +30              | -5.19               |             |         |
|                 | +40              | -4.69               |             |         |
| 4.4             | +25              | -10.17              | ±4362.5     | Pass    |
| 3.0             | +25              | -5.84               |             |         |

### LTE Band 71 16QAM 10 MHz

| Test Conditions |                  | Frequency Deviation |             | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC)     | Temperature (°C) | MCH<br>680.5 MHz    |             |         |
|                 |                  | Value(Hz)           | Limits (Hz) |         |
| 3.85            | -20              | -10.03              | ±4362.5     | Pass    |
|                 | -10              | -9.96               |             |         |
|                 | 0                | -5.22               |             |         |
|                 | +10              | -8.4                |             |         |
|                 | +20              | -3.25               |             |         |
|                 | +25              | -5.55               |             |         |
|                 | +30              | -6.14               |             |         |
|                 | +40              | -6.75               |             |         |
| 4.4             | +25              | -10.27              | ±4362.5     | Pass    |
| 3.0             | +25              | -3.22               |             |         |

## 1. GSM\_GSM850

### 1.2 GSM Frequency Stability\_Part22-24(-20 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 5   | Static                | 8.62            | -2060.5          | 2060.5           | Pass    |
| 190        | 5   | Static                | 11.72           | -2091.5          | 2091.5           | Pass    |
| 251        | 5   | Static                | 14.53           | -2122            | 2122             | Pass    |

### 1.3 GSM Frequency Stability\_Part22-24(-10 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 5   | Static                | 10.27           | -2060.5          | 2060.5           | Pass    |
| 190        | 5   | Static                | 9.2             | -2091.5          | 2091.5           | Pass    |
| 251        | 5   | Static                | 12.07           | -2122            | 2122             | Pass    |

#### 1.4 GSM Frequency Stability\_Part22-24(0 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 5   | Static                | 9.3             | -2060.5          | 2060.5           | Pass    |
| 190        | 5   | Static                | 11.88           | -2091.5          | 2091.5           | Pass    |
| 251        | 5   | Static                | 15.59           | -2122            | 2122             | Pass    |

### 1.5 GSM Frequency Stability\_Part22-24(10 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 5   | Static                | 8.39            | -2060.5          | 2060.5           | Pass    |
| 190        | 5   | Static                | 8.52            | -2091.5          | 2091.5           | Pass    |
| 251        | 5   | Static                | 9.65            | -2122            | 2122             | Pass    |

## 1.6 GSM Frequency Stability\_Part22-24(20 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 5   | Static                | 7.01            | -2060.5          | 2060.5           | Pass    |
| 190        | 5   | Static                | 9.43            | -2091.5          | 2091.5           | Pass    |
| 251        | 5   | Static                | 13.3            | -2122            | 2122             | Pass    |

### 1.7 GSM Frequency Stability\_Part22-24(25 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 5   | Static                | 11.11           | -2060.5          | 2060.5           | Pass    |
| 190        | 5   | Static                | 11.27           | -2091.5          | 2091.5           | Pass    |
| 251        | 5   | Static                | 11.24           | -2122            | 2122             | Pass    |

## 1.8 GSM Frequency Stability\_Part22-24(30 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 5   | Static                | 12.07           | -2060.5          | 2060.5           | Pass    |
| 190        | 5   | Static                | 10.62           | -2091.5          | 2091.5           | Pass    |
| 251        | 5   | Static                | 10.59           | -2122            | 2122             | Pass    |

### 1.9 GSM Frequency Stability\_Part22-24(40 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 5   | Static                | 9.17            | -2060.5          | 2060.5           | Pass    |
| 190        | 5   | Static                | 9.72            | -2091.5          | 2091.5           | Pass    |
| 251        | 5   | Static                | 7.36            | -2122            | 2122             | Pass    |

### 1.11 GSM Frequency Stability\_Part22-24(NTHV)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 5   | Static                | 14.11           | -2060.5          | 2060.5           | Pass    |
| 190        | 5   | Static                | 12.56           | -2091.5          | 2091.5           | Pass    |
| 251        | 5   | Static                | 11.88           | -2122            | 2122             | Pass    |

## 1.12 GSM Frequency Stability\_Part22-24(NTLV)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 5   | Static                | 8.56            | -2060.5          | 2060.5           | Pass    |
| 190        | 5   | Static                | 12.04           | -2091.5          | 2091.5           | Pass    |
| 251        | 5   | Static                | 16.24           | -2122            | 2122             | Pass    |

## 2. GSM\_PCS

### 2.2 GSM Frequency Stability\_Part22-24(-20 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 0   | Static                | 28.48           | -4625.5          | 4625.5           | Pass    |
| 661        | 0   | Static                | 22.7            | -4700            | 4700             | Pass    |
| 810        | 0   | Static                | 23.12           | -4774.5          | 4774.5           | Pass    |

### 2.3 GSM Frequency Stability\_Part22-24(-10 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 0   | Static                | 25.25           | -4625.5          | 4625.5           | Pass    |
| 661        | 0   | Static                | 29.22           | -4700            | 4700             | Pass    |
| 810        | 0   | Static                | 27.02           | -4774.5          | 4774.5           | Pass    |

## 2.4 GSM Frequency Stability\_Part22-24(0 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 0   | Static                | 19.47           | -4625.5          | 4625.5           | Pass    |
| 661        | 0   | Static                | 25.51           | -4700            | 4700             | Pass    |
| 810        | 0   | Static                | 29.8            | -4774.5          | 4774.5           | Pass    |

## 2.5 GSM Frequency Stability\_Part22-24(10 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 0   | Static                | 28.12           | -4625.5          | 4625.5           | Pass    |
| 661        | 0   | Static                | 25.63           | -4700            | 4700             | Pass    |
| 810        | 0   | Static                | 20.47           | -4774.5          | 4774.5           | Pass    |

## 2.6 GSM Frequency Stability\_Part22-24(20 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 0   | Static                | 21.83           | -4625.5          | 4625.5           | Pass    |
| 661        | 0   | Static                | 27.09           | -4700            | 4700             | Pass    |
| 810        | 0   | Static                | 19.34           | -4774.5          | 4774.5           | Pass    |

## 2.7 GSM Frequency Stability\_Part22-24(25 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 0   | Static                | 24.63           | -4625.5          | 4625.5           | Pass    |
| 661        | 0   | Static                | 27.73           | -4700            | 4700             | Pass    |
| 810        | 0   | Static                | 20.57           | -4774.5          | 4774.5           | Pass    |

## 2.8 GSM Frequency Stability\_Part22-24(30 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 0   | Static                | 27.67           | -4625.5          | 4625.5           | Pass    |
| 661        | 0   | Static                | 25.34           | -4700            | 4700             | Pass    |
| 810        | 0   | Static                | 23.37           | -4774.5          | 4774.5           | Pass    |

## 2.9 GSM Frequency Stability\_Part22-24(40 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 0   | Static                | 30.9            | -4625.5          | 4625.5           | Pass    |
| 661        | 0   | Static                | 28.93           | -4700            | 4700             | Pass    |
| 810        | 0   | Static                | 27.67           | -4774.5          | 4774.5           | Pass    |

## 2.11 GSM Frequency Stability\_Part22-24(NTHV)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 0   | Static                | 31.51           | -4625.5          | 4625.5           | Pass    |
| 661        | 0   | Static                | 23.63           | -4700            | 4700             | Pass    |
| 810        | 0   | Static                | 23.76           | -4774.5          | 4774.5           | Pass    |

## 2.12 GSM Frequency Stability\_Part22-24(NTLV)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 0   | Static                | 23.6            | -4625.5          | 4625.5           | Pass    |
| 661        | 0   | Static                | 26.09           | -4700            | 4700             | Pass    |
| 810        | 0   | Static                | 26.12           | -4774.5          | 4774.5           | Pass    |

## 1. GPRS\_GSM850

### 1.2 GPRS Frequency Stability\_Part22-24(-20 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 5   | Static                | 4.04            | -2060.5          | 2060.5           | Pass    |
| 190        | 5   | Static                | 7.33            | -2091.5          | 2091.5           | Pass    |
| 251        | 5   | Static                | 8.17            | -2122            | 2122             | Pass    |

### 1.3 GPRS Frequency Stability\_Part22-24(-10 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 5   | Static                | 12.33           | -2060.5          | 2060.5           | Pass    |
| 190        | 5   | Static                | 7.55            | -2091.5          | 2091.5           | Pass    |
| 251        | 5   | Static                | 9.59            | -2122            | 2122             | Pass    |

#### 1.4 GPRS Frequency Stability\_Part22-24(0 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 5   | Static                | 4.84            | -2060.5          | 2060.5           | Pass    |
| 190        | 5   | Static                | 7.43            | -2091.5          | 2091.5           | Pass    |
| 251        | 5   | Static                | 7.2             | -2122            | 2122             | Pass    |

### 1.5 GPRS Frequency Stability\_Part22-24(10 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 5   | Static                | 8.07            | -2060.5          | 2060.5           | Pass    |
| 190        | 5   | Static                | 7.14            | -2091.5          | 2091.5           | Pass    |
| 251        | 5   | Static                | 5.33            | -2122            | 2122             | Pass    |

## 1.6 GPRS Frequency Stability\_Part22-24(20 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 5   | Static                | 10.98           | -2060.5          | 2060.5           | Pass    |
| 190        | 5   | Static                | 6.07            | -2091.5          | 2091.5           | Pass    |
| 251        | 5   | Static                | 9.14            | -2122            | 2122             | Pass    |

### 1.7 GPRS Frequency Stability\_Part22-24(25 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 5   | Static                | 8.52            | -2060.5          | 2060.5           | Pass    |
| 190        | 5   | Static                | 5.78            | -2091.5          | 2091.5           | Pass    |
| 251        | 5   | Static                | 6.01            | -2122            | 2122             | Pass    |

### 1.8 GPRS Frequency Stability\_Part22-24(30 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 5   | Static                | 5.75            | -2060.5          | 2060.5           | Pass    |
| 190        | 5   | Static                | 7.65            | -2091.5          | 2091.5           | Pass    |
| 251        | 5   | Static                | 9.1             | -2122            | 2122             | Pass    |

### 1.9 GPRS Frequency Stability\_Part22-24(40 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 5   | Static                | 9.62            | -2060.5          | 2060.5           | Pass    |
| 190        | 5   | Static                | 12.07           | -2091.5          | 2091.5           | Pass    |
| 251        | 5   | Static                | 9.14            | -2122            | 2122             | Pass    |

### 1.11 GPRS Frequency Stability\_Part22-24(NTHV)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 5   | Static                | 6.55            | -2060.5          | 2060.5           | Pass    |
| 190        | 5   | Static                | 5.68            | -2091.5          | 2091.5           | Pass    |
| 251        | 5   | Static                | 8.46            | -2122            | 2122             | Pass    |

## 1.12 GPRS Frequency Stability\_Part22-24(NTLV)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 5   | Static                | -4.2            | -2060.5          | 2060.5           | Pass    |
| 190        | 5   | Static                | 4.84            | -2091.5          | 2091.5           | Pass    |
| 251        | 5   | Static                | 7.78            | -2122            | 2122             | Pass    |

## 2. GPRS\_PCS

### 2.2 GPRS Frequency Stability\_Part22-24(-20 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 0   | Static                | 16.53           | -4625.5          | 4625.5           | Pass    |
| 661        | 0   | Static                | 19.95           | -4700            | 4700             | Pass    |
| 810        | 0   | Static                | 19.27           | -4774.5          | 4774.5           | Pass    |

### 2.3 GPRS Frequency Stability\_Part22-24(-10 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 0   | Static                | 19.37           | -4625.5          | 4625.5           | Pass    |
| 661        | 0   | Static                | 17.31           | -4700            | 4700             | Pass    |
| 810        | 0   | Static                | 17.66           | -4774.5          | 4774.5           | Pass    |

## 2.4 GPRS Frequency Stability\_Part22-24(0 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 0   | Static                | 12.72           | -4625.5          | 4625.5           | Pass    |
| 661        | 0   | Static                | 21.18           | -4700            | 4700             | Pass    |
| 810        | 0   | Static                | 12.59           | -4774.5          | 4774.5           | Pass    |

## 2.5 GPRS Frequency Stability\_Part22-24(10 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 0   | Static                | 18.21           | -4625.5          | 4625.5           | Pass    |
| 661        | 0   | Static                | 16.3            | -4700            | 4700             | Pass    |
| 810        | 0   | Static                | 17.4            | -4774.5          | 4774.5           | Pass    |

## 2.6 GPRS Frequency Stability\_Part22-24(20 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 0   | Static                | 20.31           | -4625.5          | 4625.5           | Pass    |
| 661        | 0   | Static                | 18.27           | -4700            | 4700             | Pass    |
| 810        | 0   | Static                | 17.37           | -4774.5          | 4774.5           | Pass    |

## 2.7 GPRS Frequency Stability\_Part22-24(25 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 0   | Static                | 17.56           | -4625.5          | 4625.5           | Pass    |
| 661        | 0   | Static                | 22.57           | -4700            | 4700             | Pass    |
| 810        | 0   | Static                | 22.28           | -4774.5          | 4774.5           | Pass    |

## 2.8 GPRS Frequency Stability\_Part22-24(30 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 0   | Static                | 20.21           | -4625.5          | 4625.5           | Pass    |
| 661        | 0   | Static                | 19.18           | -4700            | 4700             | Pass    |
| 810        | 0   | Static                | 18.08           | -4774.5          | 4774.5           | Pass    |

## 2.9 GPRS Frequency Stability\_Part22-24(40 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 0   | Static                | 20.34           | -4625.5          | 4625.5           | Pass    |
| 661        | 0   | Static                | 15.79           | -4700            | 4700             | Pass    |
| 810        | 0   | Static                | 18.66           | -4774.5          | 4774.5           | Pass    |

## 2.11 GPRS Frequency Stability\_Part22-24(NTHV)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 0   | Static                | 18.34           | -4625.5          | 4625.5           | Pass    |
| 661        | 0   | Static                | 15.3            | -4700            | 4700             | Pass    |
| 810        | 0   | Static                | 15.79           | -4774.5          | 4774.5           | Pass    |

## 2.12 GPRS Frequency Stability\_Part22-24(NTLV)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 0   | Static                | 18.73           | -4625.5          | 4625.5           | Pass    |
| 661        | 0   | Static                | 20.18           | -4700            | 4700             | Pass    |
| 810        | 0   | Static                | 16.11           | -4774.5          | 4774.5           | Pass    |

## 1. EGPRS\_GSM850

### 1.2 EGPRS Frequency Stability\_Part22-24(-20 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 8   | Static                | 9.75            | -2060.5          | 2060.5           | Pass    |
| 190        | 8   | Static                | 11.62           | -2091.5          | 2091.5           | Pass    |
| 251        | 8   | Static                | 12.43           | -2122            | 2122             | Pass    |

### 1.3 EGPRS Frequency Stability\_Part22-24(-10 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 8   | Static                | 9.69            | -2060.5          | 2060.5           | Pass    |
| 190        | 8   | Static                | 10.01           | -2091.5          | 2091.5           | Pass    |
| 251        | 8   | Static                | 13.3            | -2122            | 2122             | Pass    |

#### 1.4 EGPRS Frequency Stability\_Part22-24(0 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 8   | Static                | 10.78           | -2060.5          | 2060.5           | Pass    |
| 190        | 8   | Static                | 11.62           | -2091.5          | 2091.5           | Pass    |
| 251        | 8   | Static                | 10.72           | -2122            | 2122             | Pass    |

### 1.5 EGPRS Frequency Stability\_Part22-24(10 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 8   | Static                | 10.69           | -2060.5          | 2060.5           | Pass    |
| 190        | 8   | Static                | 11.59           | -2091.5          | 2091.5           | Pass    |
| 251        | 8   | Static                | 11.78           | -2122            | 2122             | Pass    |

## 1.6 EGPRS Frequency Stability\_Part22-24(20 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 8   | Static                | 14.08           | -2060.5          | 2060.5           | Pass    |
| 190        | 8   | Static                | 11.24           | -2091.5          | 2091.5           | Pass    |
| 251        | 8   | Static                | 9.17            | -2122            | 2122             | Pass    |

### 1.7 EGPRS Frequency Stability\_Part22-24(25 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 8   | Static                | 14.72           | -2060.5          | 2060.5           | Pass    |
| 190        | 8   | Static                | 11.4            | -2091.5          | 2091.5           | Pass    |
| 251        | 8   | Static                | 9.65            | -2122            | 2122             | Pass    |

## 1.8 EGPRS Frequency Stability\_Part22-24(30 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 8   | Static                | 10.07           | -2060.5          | 2060.5           | Pass    |
| 190        | 8   | Static                | 12.66           | -2091.5          | 2091.5           | Pass    |
| 251        | 8   | Static                | 9.14            | -2122            | 2122             | Pass    |

### 1.9 EGPRS Frequency Stability\_Part22-24(40 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 8   | Static                | 8.23            | -2060.5          | 2060.5           | Pass    |
| 190        | 8   | Static                | 13.43           | -2091.5          | 2091.5           | Pass    |
| 251        | 8   | Static                | 11.36           | -2122            | 2122             | Pass    |

### 1.11 EGPRS Frequency Stability\_Part22-24(NTHV)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 8   | Static                | 12.2            | -2060.5          | 2060.5           | Pass    |
| 190        | 8   | Static                | 10.53           | -2091.5          | 2091.5           | Pass    |
| 251        | 8   | Static                | 10.4            | -2122            | 2122             | Pass    |

## 1.12 EGPRS Frequency Stability\_Part22-24(NTLV)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 128        | 8   | Static                | 8.65            | -2060.5          | 2060.5           | Pass    |
| 190        | 8   | Static                | 7.14            | -2091.5          | 2091.5           | Pass    |
| 251        | 8   | Static                | 14.08           | -2122            | 2122             | Pass    |

## 2. EGPRS\_PCS

### 2.2 EGPRS Frequency Stability\_Part22-24(-20 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 2   | Static                | 24.54           | -4625.5          | 4625.5           | Pass    |
| 661        | 2   | Static                | 23.92           | -4700            | 4700             | Pass    |
| 810        | 2   | Static                | 25.02           | -4774.5          | 4774.5           | Pass    |

### 2.3 EGPRS Frequency Stability\_Part22-24(-10 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 2   | Static                | 30.77           | -4625.5          | 4625.5           | Pass    |
| 661        | 2   | Static                | 26.64           | -4700            | 4700             | Pass    |
| 810        | 2   | Static                | 26.47           | -4774.5          | 4774.5           | Pass    |

## 2.4 EGPRS Frequency Stability\_Part22-24(0 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 2   | Static                | 26.09           | -4625.5          | 4625.5           | Pass    |
| 661        | 2   | Static                | 24.02           | -4700            | 4700             | Pass    |
| 810        | 2   | Static                | 24.02           | -4774.5          | 4774.5           | Pass    |

## 2.5 EGPRS Frequency Stability\_Part22-24(10 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 2   | Static                | 24.96           | -4625.5          | 4625.5           | Pass    |
| 661        | 2   | Static                | 25.67           | -4700            | 4700             | Pass    |
| 810        | 2   | Static                | 26.99           | -4774.5          | 4774.5           | Pass    |

## 2.6 EGPRS Frequency Stability\_Part22-24(20 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 2   | Static                | 23.18           | -4625.5          | 4625.5           | Pass    |
| 661        | 2   | Static                | 20.02           | -4700            | 4700             | Pass    |
| 810        | 2   | Static                | 20.11           | -4774.5          | 4774.5           | Pass    |

## 2.7 EGPRS Frequency Stability\_Part22-24(25 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 2   | Static                | 20.5            | -4625.5          | 4625.5           | Pass    |
| 661        | 2   | Static                | 24.57           | -4700            | 4700             | Pass    |
| 810        | 2   | Static                | 21.6            | -4774.5          | 4774.5           | Pass    |

## 2.8 EGPRS Frequency Stability\_Part22-24(30 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 2   | Static                | 23.47           | -4625.5          | 4625.5           | Pass    |
| 661        | 2   | Static                | 24.31           | -4700            | 4700             | Pass    |
| 810        | 2   | Static                | 24.18           | -4774.5          | 4774.5           | Pass    |

## 2.9 EGPRS Frequency Stability\_Part22-24(40 Degree)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 2   | Static                | 23.25           | -4625.5          | 4625.5           | Pass    |
| 661        | 2   | Static                | 25.09           | -4700            | 4700             | Pass    |
| 810        | 2   | Static                | 20.57           | -4774.5          | 4774.5           | Pass    |

## 2.11 EGPRS Frequency Stability\_Part22-24(NTHV)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 2   | Static                | 25.7            | -4625.5          | 4625.5           | Pass    |
| 661        | 2   | Static                | 25.41           | -4700            | 4700             | Pass    |
| 810        | 2   | Static                | 21.76           | -4774.5          | 4774.5           | Pass    |

## 2.12 EGPRS Frequency Stability\_Part22-24(NTLV)

| UL Channel | PCL | Propagation Condition | Freq Error (Hz) | Lower Limit (Hz) | Upper Limit (Hz) | Verdict |
|------------|-----|-----------------------|-----------------|------------------|------------------|---------|
| 512        | 2   | Static                | 26.54           | -4625.5          | 4625.5           | Pass    |
| 661        | 2   | Static                | 27.89           | -4700            | 4700             | Pass    |
| 810        | 2   | Static                | 14.33           | -4774.5          | 4774.5           | Pass    |

## 1. WCDMA\_Band2

### 1.2 WCDMA Frequency Stability\_Part22-24-27(-20 Degree)

| UL Channel |  | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|--|------------------|------------------|---------------|---------|
| 9262       |  | -4631            | 4631             | -4.3          | Pass    |
| 9400       |  | -4700            | 4700             | -7.63         | Pass    |
| 9538       |  | -4769            | 4769             | -13.38        | Pass    |

### 1.3 WCDMA Frequency Stability\_Part22-24-27(-10 Degree)

| UL Channel |  | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|--|------------------|------------------|---------------|---------|
| 9262       |  | -4631            | 4631             | -4.79         | Pass    |
| 9400       |  | -4700            | 4700             | -8.16         | Pass    |
| 9538       |  | -4769            | 4769             | -12.35        | Pass    |

#### 1.4 WCDMA Frequency Stability\_Part22-24-27(0 Degree)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 9262       |  | -4631               | 4631                | -6.38         | Pass    |
| 9400       |  | -4700               | 4700                | -9.16         | Pass    |
| 9538       |  | -4769               | 4769                | -11.69        | Pass    |

### 1.5 WCDMA Frequency Stability\_Part22-24-27(10 Degree)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 9262       |  | -4631               | 4631                | -3.82         | Pass    |
| 9400       |  | -4700               | 4700                | -9.26         | Pass    |
| 9538       |  | -4769               | 4769                | -9.33         | Pass    |

## 1.6 WCDMA Frequency Stability\_Part22-24-27(20 Degree)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 9262       |  | -4631               | 4631                | -6.04         | Pass    |
| 9400       |  | -4700               | 4700                | -10.11        | Pass    |
| 9538       |  | -4769               | 4769                | -13.45        | Pass    |

### 1.7 WCDMA Frequency Stability\_Part22-24-27(25 Degree)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 9262       |  | -4631               | 4631                | -5.49         | Pass    |
| 9400       |  | -4700               | 4700                | -9.53         | Pass    |
| 9538       |  | -4769               | 4769                | -15.96        | Pass    |

## 1.8 WCDMA Frequency Stability\_Part22-24-27(30 Degree)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 9262       |  | -4631               | 4631                | -8.35         | Pass    |
| 9400       |  | -4700               | 4700                | -12.55        | Pass    |
| 9538       |  | -4769               | 4769                | -12.77        | Pass    |

### 1.9 WCDMA Frequency Stability\_Part22-24-27(40 Degree)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 9262       |  | -4631               | 4631                | -5.51         | Pass    |
| 9400       |  | -4700               | 4700                | -4.9          | Pass    |
| 9538       |  | -4769               | 4769                | -11.4         | Pass    |

### 1.11 WCDMA Frequency Stability\_Part22-24-27(NTHV)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 9262       |  | -4631               | 4631                | -2.07         | Pass    |
| 9400       |  | -4700               | 4700                | -9.54         | Pass    |
| 9538       |  | -4769               | 4769                | -12.7         | Pass    |

## 1.12 WCDMA Frequency Stability\_Part22-24-27(NTLV)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 9262       |  | -4631               | 4631                | -1.24         | Pass    |
| 9400       |  | -4700               | 4700                | -10.74        | Pass    |
| 9538       |  | -4769               | 4769                | -15.79        | Pass    |

## 2. WCDMA\_Band4

### 2.2 WCDMA Frequency Stability\_Part22-24-27(-20 Degree)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 1312       |  | -4281               | 4281                | -4.63         | Pass    |
| 1412       |  | -4331               | 4331                | -9.52         | Pass    |
| 1513       |  | -4381.5             | 4381.5              | -8.75         | Pass    |

### 2.3 WCDMA Frequency Stability\_Part22-24-27(-10 Degree)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 1312       |  | -4281               | 4281                | -9.34         | Pass    |
| 1412       |  | -4331               | 4331                | -9.28         | Pass    |
| 1513       |  | -4381.5             | 4381.5              | -9.13         | Pass    |

## 2.4 WCDMA Frequency Stability\_Part22-24-27(0 Degree)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 1312       |  | -4281               | 4281                | -4.76         | Pass    |
| 1412       |  | -4331               | 4331                | -7.56         | Pass    |
| 1513       |  | -4381.5             | 4381.5              | -8.79         | Pass    |

## 2.5 WCDMA Frequency Stability\_Part22-24-27(10 Degree)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 1312       |  | -4281               | 4281                | -4.94         | Pass    |
| 1412       |  | -4331               | 4331                | -11.46        | Pass    |
| 1513       |  | -4381.5             | 4381.5              | -8.93         | Pass    |

## 2.6 WCDMA Frequency Stability\_Part22-24-27(20 Degree)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 1312       |  | -4281               | 4281                | -3.12         | Pass    |
| 1412       |  | -4331               | 4331                | -9.48         | Pass    |
| 1513       |  | -4381.5             | 4381.5              | -8.55         | Pass    |

## 2.7 WCDMA Frequency Stability\_Part22-24-27(25 Degree)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 1312       |  | -4281               | 4281                | -2.06         | Pass    |
| 1412       |  | -4331               | 4331                | -8.22         | Pass    |
| 1513       |  | -4381.5             | 4381.5              | -12.35        | Pass    |

## 2.8 WCDMA Frequency Stability\_Part22-24-27(30 Degree)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 1312       |  | -4281               | 4281                | -4.33         | Pass    |
| 1412       |  | -4331               | 4331                | -2.6          | Pass    |
| 1513       |  | -4381.5             | 4381.5              | -14.88        | Pass    |

## 2.9 WCDMA Frequency Stability\_Part22-24-27(40 Degree)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 1312       |  | -4281               | 4281                | -4.39         | Pass    |
| 1412       |  | -4331               | 4331                | -7.88         | Pass    |
| 1513       |  | -4381.5             | 4381.5              | -8.73         | Pass    |

## 2.11 WCDMA Frequency Stability\_Part22-24-27(NTHV)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 1312       |  | -4281               | 4281                | -5.66         | Pass    |
| 1412       |  | -4331               | 4331                | -8.65         | Pass    |
| 1513       |  | -4381.5             | 4381.5              | -7.96         | Pass    |

## 2.12 WCDMA Frequency Stability\_Part22-24-27(NTLV)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 1312       |  | -4281               | 4281                | -6.25         | Pass    |
| 1412       |  | -4331               | 4331                | -6.68         | Pass    |
| 1513       |  | -4381.5             | 4381.5              | -7.15         | Pass    |

### 3. WCDMA\_Band5

#### 3.2 WCDMA Frequency Stability\_Part22-24-27(-20 Degree)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 4132       |  | -2066               | 2066                | -2.98         | Pass    |
| 4182       |  | -2091               | 2091                | -4.33         | Pass    |
| 4233       |  | -2116.5             | 2116.5              | -8.88         | Pass    |

### 3.3 WCDMA Frequency Stability\_Part22-24-27(-10 Degree)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 4132       |  | -2066               | 2066                | -6.65         | Pass    |
| 4182       |  | -2091               | 2091                | -9.41         | Pass    |
| 4233       |  | -2116.5             | 2116.5              | -9.43         | Pass    |

### 3.4 WCDMA Frequency Stability\_Part22-24-27(0 Degree)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 4132       |  | -2066               | 2066                | -4.22         | Pass    |
| 4182       |  | -2091               | 2091                | -7.41         | Pass    |
| 4233       |  | -2116.5             | 2116.5              | -5.97         | Pass    |

### 3.5 WCDMA Frequency Stability\_Part22-24-27(10 Degree)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 4132       |  | -2066               | 2066                | -6.22         | Pass    |
| 4182       |  | -2091               | 2091                | -10.06        | Pass    |
| 4233       |  | -2116.5             | 2116.5              | -13.33        | Pass    |

### 3.6 WCDMA Frequency Stability\_Part22-24-27(20 Degree)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 4132       |  | -2066               | 2066                | -7.13         | Pass    |
| 4182       |  | -2091               | 2091                | -11.82        | Pass    |
| 4233       |  | -2116.5             | 2116.5              | -11.14        | Pass    |

### 3.7 WCDMA Frequency Stability\_Part22-24-27(25 Degree)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 4132       |  | -2066               | 2066                | -10.14        | Pass    |
| 4182       |  | -2091               | 2091                | -7.62         | Pass    |
| 4233       |  | -2116.5             | 2116.5              | -5.36         | Pass    |

### 3.8 WCDMA Frequency Stability\_Part22-24-27(30 Degree)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 4132       |  | -2066               | 2066                | -8.26         | Pass    |
| 4182       |  | -2091               | 2091                | -8.68         | Pass    |
| 4233       |  | -2116.5             | 2116.5              | -7.67         | Pass    |

### 3.9 WCDMA Frequency Stability\_Part22-24-27(40 Degree)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 4132       |  | -2066               | 2066                | -3.21         | Pass    |
| 4182       |  | -2091               | 2091                | -10.83        | Pass    |
| 4233       |  | -2116.5             | 2116.5              | -10.8         | Pass    |

### 3.11 WCDMA Frequency Stability\_Part22-24-27(NTHV)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 4132       |  | -2066               | 2066                | -6.87         | Pass    |
| 4182       |  | -2091               | 2091                | -9.51         | Pass    |
| 4233       |  | -2116.5             | 2116.5              | -9.27         | Pass    |

### 3.12 WCDMA Frequency Stability\_Part22-24-27(NTLV)

| UL Channel |  | Lower Limit<br>(Hz) | Upper Limit<br>(Hz) | Measured (Hz) | Verdict |
|------------|--|---------------------|---------------------|---------------|---------|
| 4132       |  | -2066               | 2066                | -8.29         | Pass    |
| 4182       |  | -2091               | 2091                | -10.93        | Pass    |
| 4233       |  | -2116.5             | 2116.5              | -13           | Pass    |

## 1. LTE\_Band2

### 1.2 LTE Frequency Stability\_Part22-24-27(-20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 18900      | 10              | QPSK          | 50           | LOW            | -4700            | 4700             | -6.81         | Pass    |
| 18900      | 10              | Q16           | 50           | LOW            | -4700            | 4700             | -10.43        | Pass    |

### 1.3 LTE Frequency Stability\_Part22-24-27(-10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 18900      | 10              | QPSK          | 50           | LOW            | -4700            | 4700             | -9.67         | Pass    |
| 18900      | 10              | Q16           | 50           | LOW            | -4700            | 4700             | -9.58         | Pass    |

#### 1.4 LTE Frequency Stability\_Part22-24-27(0 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 18900      | 10              | QPSK          | 50           | LOW            | -4700            | 4700             | -7.74         | Pass    |
| 18900      | 10              | Q16           | 50           | LOW            | -4700            | 4700             | -8.44         | Pass    |

### 1.5 LTE Frequency Stability\_Part22-24-27(10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 18900      | 10              | QPSK          | 50           | LOW            | -4700            | 4700             | -8.61         | Pass    |
| 18900      | 10              | Q16           | 50           | LOW            | -4700            | 4700             | -7.2          | Pass    |

## 1.6 LTE Frequency Stability\_Part22-24-27(20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 18900      | 10              | QPSK          | 50           | LOW            | -4700            | 4700             | -7.55         | Pass    |
| 18900      | 10              | Q16           | 50           | LOW            | -4700            | 4700             | -7.35         | Pass    |

### 1.7 LTE Frequency Stability\_Part22-24-27(25 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 18900      | 10              | QPSK          | 50           | LOW            | -4700            | 4700             | -5.28         | Pass    |
| 18900      | 10              | Q16           | 50           | LOW            | -4700            | 4700             | -3.1          | Pass    |

## 1.8 LTE Frequency Stability\_Part22-24-27(30 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 18900      | 10              | QPSK          | 50           | LOW            | -4700            | 4700             | -7.68         | Pass    |
| 18900      | 10              | Q16           | 50           | LOW            | -4700            | 4700             | -8.64         | Pass    |

### 1.9 LTE Frequency Stability\_Part22-24-27(40 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 18900      | 10              | QPSK          | 50           | LOW            | -4700            | 4700             | -7.75         | Pass    |
| 18900      | 10              | Q16           | 50           | LOW            | -4700            | 4700             | -8.97         | Pass    |

### 1.11 LTE Frequency Stability\_Part22-24-27(NTHV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 18900      | 10              | QPSK          | 50           | LOW            | -4700            | 4700             | -3.39         | Pass    |
| 18900      | 10              | Q16           | 50           | LOW            | -4700            | 4700             | -3.48         | Pass    |

### 1.12 LTE Frequency Stability\_Part22-24-27(NTLV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 18900      | 10              | QPSK          | 50           | LOW            | -4700            | 4700             | -6.69         | Pass    |
| 18900      | 10              | Q16           | 50           | LOW            | -4700            | 4700             | -8.37         | Pass    |

## 2. LTE\_Band4

### 2.2 LTE Frequency Stability\_Part22-24-27(-20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 20175      | 10              | QPSK          | 50           | LOW            | -4331.25         | 4331.25          | -3.38         | Pass    |
| 20175      | 10              | Q16           | 50           | LOW            | -4331.25         | 4331.25          | -9.5          | Pass    |

### 2.3 LTE Frequency Stability\_Part22-24-27(-10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 20175      | 10              | QPSK          | 50           | LOW            | -4331.25         | 4331.25          | -4.61         | Pass    |
| 20175      | 10              | Q16           | 50           | LOW            | -4331.25         | 4331.25          | -7.24         | Pass    |

## 2.4 LTE Frequency Stability\_Part22-24-27(0 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 20175      | 10              | QPSK          | 50           | LOW            | -4331.25         | 4331.25          | -7.18         | Pass    |
| 20175      | 10              | Q16           | 50           | LOW            | -4331.25         | 4331.25          | -7.61         | Pass    |

## 2.5 LTE Frequency Stability\_Part22-24-27(10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 20175      | 10              | QPSK          | 50           | LOW            | -4331.25         | 4331.25          | -4.45         | Pass    |
| 20175      | 10              | Q16           | 50           | LOW            | -4331.25         | 4331.25          | -7.9          | Pass    |

## 2.6 LTE Frequency Stability\_Part22-24-27(20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 20175      | 10              | QPSK          | 50           | LOW            | -4331.25         | 4331.25          | -1.17         | Pass    |
| 20175      | 10              | Q16           | 50           | LOW            | -4331.25         | 4331.25          | -3.25         | Pass    |

## 2.7 LTE Frequency Stability\_Part22-24-27(25 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 20175      | 10              | QPSK          | 50           | LOW            | -4331.25         | 4331.25          | -2.9          | Pass    |
| 20175      | 10              | Q16           | 50           | LOW            | -4331.25         | 4331.25          | -3.5          | Pass    |

## 2.8 LTE Frequency Stability\_Part22-24-27(30 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 20175      | 10              | QPSK          | 50           | LOW            | -4331.25         | 4331.25          | -6.18         | Pass    |
| 20175      | 10              | Q16           | 50           | LOW            | -4331.25         | 4331.25          | -2.59         | Pass    |

## 2.9 LTE Frequency Stability\_Part22-24-27(40 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 20175      | 10              | QPSK          | 50           | LOW            | -4331.25         | 4331.25          | 0.01          | Pass    |
| 20175      | 10              | Q16           | 50           | LOW            | -4331.25         | 4331.25          | -6.47         | Pass    |

## 2.11 LTE Frequency Stability\_Part22-24-27(NTHV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 20175      | 10              | QPSK          | 50           | LOW            | -4331.25         | 4331.25          | -2.55         | Pass    |
| 20175      | 10              | Q16           | 50           | LOW            | -4331.25         | 4331.25          | -5.45         | Pass    |

## 2.12 LTE Frequency Stability\_Part22-24-27(NTLV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 20175      | 10              | QPSK          | 50           | LOW            | -4331.25         | 4331.25          | -6.09         | Pass    |
| 20175      | 10              | Q16           | 50           | LOW            | -4331.25         | 4331.25          | -4.45         | Pass    |

### 3. LTE\_Band5

#### 3.2 LTE Frequency Stability\_Part22-24-27(-20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 20525      | 10              | QPSK          | 50           | LOW            | -2091.25         | 2091.25          | -1.44         | Pass    |
| 20525      | 10              | Q16           | 50           | LOW            | -2091.25         | 2091.25          | -1.92         | Pass    |

### 3.3 LTE Frequency Stability\_Part22-24-27(-10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 20525      | 10              | QPSK          | 50           | LOW            | -2091.25         | 2091.25          | -5.11         | Pass    |
| 20525      | 10              | Q16           | 50           | LOW            | -2091.25         | 2091.25          | -5.79         | Pass    |

### 3.4 LTE Frequency Stability\_Part22-24-27(0 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 20525      | 10              | QPSK          | 50           | LOW            | -2091.25         | 2091.25          | -3.75         | Pass    |
| 20525      | 10              | Q16           | 50           | LOW            | -2091.25         | 2091.25          | -2.89         | Pass    |

### 3.5 LTE Frequency Stability\_Part22-24-27(10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 20525      | 10              | QPSK          | 50           | LOW            | -2091.25         | 2091.25          | -6.41         | Pass    |
| 20525      | 10              | Q16           | 50           | LOW            | -2091.25         | 2091.25          | -7.57         | Pass    |

### 3.6 LTE Frequency Stability\_Part22-24-27(20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 20525      | 10              | QPSK          | 50           | LOW            | -2091.25         | 2091.25          | -8.27         | Pass    |
| 20525      | 10              | Q16           | 50           | LOW            | -2091.25         | 2091.25          | -6.04         | Pass    |

### 3.7 LTE Frequency Stability\_Part22-24-27(25 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 20525      | 10              | QPSK          | 50           | LOW            | -2091.25         | 2091.25          | -2.36         | Pass    |
| 20525      | 10              | Q16           | 50           | LOW            | -2091.25         | 2091.25          | -3.93         | Pass    |

### 3.8 LTE Frequency Stability\_Part22-24-27(30 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 20525      | 10              | QPSK          | 50           | LOW            | -2091.25         | 2091.25          | -2.69         | Pass    |
| 20525      | 10              | Q16           | 50           | LOW            | -2091.25         | 2091.25          | -3.62         | Pass    |

### 3.9 LTE Frequency Stability\_Part22-24-27(40 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 20525      | 10              | QPSK          | 50           | LOW            | -2091.25         | 2091.25          | -2.98         | Pass    |
| 20525      | 10              | Q16           | 50           | LOW            | -2091.25         | 2091.25          | -3.72         | Pass    |

### 3.11 LTE Frequency Stability\_Part22-24-27(NTHV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 20525      | 10              | QPSK          | 50           | LOW            | -2091.25         | 2091.25          | -6.08         | Pass    |
| 20525      | 10              | Q16           | 50           | LOW            | -2091.25         | 2091.25          | -7.05         | Pass    |

### 3.12 LTE Frequency Stability\_Part22-24-27(NTLV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 20525      | 10              | QPSK          | 50           | LOW            | -2091.25         | 2091.25          | -9.33         | Pass    |
| 20525      | 10              | Q16           | 50           | LOW            | -2091.25         | 2091.25          | -7.51         | Pass    |

## 4. LTE\_Band7

### 4.2 LTE Frequency Stability\_Part22-24-27(-20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 21100      | 10              | QPSK          | 50           | LOW            | -6337.5          | 6337.5           | -4.68         | Pass    |
| 21100      | 10              | Q16           | 50           | LOW            | -6337.5          | 6337.5           | -1.33         | Pass    |

### 4.3 LTE Frequency Stability\_Part22-24-27(-10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 21100      | 10              | QPSK          | 50           | LOW            | -6337.5          | 6337.5           | -2.83         | Pass    |
| 21100      | 10              | Q16           | 50           | LOW            | -6337.5          | 6337.5           | -5.54         | Pass    |

#### 4.4 LTE Frequency Stability\_Part22-24-27(0 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 21100      | 10              | QPSK          | 50           | LOW            | -6337.5          | 6337.5           | -5.95         | Pass    |
| 21100      | 10              | Q16           | 50           | LOW            | -6337.5          | 6337.5           | -11.52        | Pass    |

#### 4.5 LTE Frequency Stability\_Part22-24-27(10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 21100      | 10              | QPSK          | 50           | LOW            | -6337.5          | 6337.5           | 1.44          | Pass    |
| 21100      | 10              | Q16           | 50           | LOW            | -6337.5          | 6337.5           | -3.58         | Pass    |

#### 4.6 LTE Frequency Stability\_Part22-24-27(20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 21100      | 10              | QPSK          | 50           | LOW            | -6337.5          | 6337.5           | -7.64         | Pass    |
| 21100      | 10              | Q16           | 50           | LOW            | -6337.5          | 6337.5           | -3.83         | Pass    |

#### 4.7 LTE Frequency Stability\_Part22-24-27(25 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 21100      | 10              | QPSK          | 50           | LOW            | -6337.5          | 6337.5           | -5.32         | Pass    |
| 21100      | 10              | Q16           | 50           | LOW            | -6337.5          | 6337.5           | -3.38         | Pass    |

#### 4.8 LTE Frequency Stability\_Part22-24-27(30 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 21100      | 10              | QPSK          | 50           | LOW            | -6337.5          | 6337.5           | -3.12         | Pass    |
| 21100      | 10              | Q16           | 50           | LOW            | -6337.5          | 6337.5           | -3.96         | Pass    |

#### 4.9 LTE Frequency Stability\_Part22-24-27(40 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 21100      | 10              | QPSK          | 50           | LOW            | -6337.5          | 6337.5           | -1.9          | Pass    |
| 21100      | 10              | Q16           | 50           | LOW            | -6337.5          | 6337.5           | -7.42         | Pass    |

#### 4.11 LTE Frequency Stability\_Part22-24-27(NTHV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 21100      | 10              | QPSK          | 50           | LOW            | -6337.5          | 6337.5           | -2.49         | Pass    |
| 21100      | 10              | Q16           | 50           | LOW            | -6337.5          | 6337.5           | -2.53         | Pass    |

#### 4.12 LTE Frequency Stability\_Part22-24-27(NTLV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 21100      | 10              | QPSK          | 50           | LOW            | -6337.5          | 6337.5           | -3.86         | Pass    |
| 21100      | 10              | Q16           | 50           | LOW            | -6337.5          | 6337.5           | 1.97          | Pass    |

## 5. LTE\_Band12

### 5.2 LTE Frequency Stability\_Part22-24-27(-20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23095      | 10              | QPSK          | 50           | LOW            | -1768.75         | 1768.75          | -4.89         | Pass    |
| 23095      | 10              | Q16           | 50           | LOW            | -1768.75         | 1768.75          | -3.05         | Pass    |

### 5.3 LTE Frequency Stability\_Part22-24-27(-10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23095      | 10              | QPSK          | 50           | LOW            | -1768.75         | 1768.75          | -6.05         | Pass    |
| 23095      | 10              | Q16           | 50           | LOW            | -1768.75         | 1768.75          | -5.84         | Pass    |

#### 5.4 LTE Frequency Stability\_Part22-24-27(0 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23095      | 10              | QPSK          | 50           | LOW            | -1768.75         | 1768.75          | -5.09         | Pass    |
| 23095      | 10              | Q16           | 50           | LOW            | -1768.75         | 1768.75          | -4.22         | Pass    |

### 5.5 LTE Frequency Stability\_Part22-24-27(10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23095      | 10              | QPSK          | 50           | LOW            | -1768.75         | 1768.75          | -2.65         | Pass    |
| 23095      | 10              | Q16           | 50           | LOW            | -1768.75         | 1768.75          | -2.68         | Pass    |

## 5.6 LTE Frequency Stability\_Part22-24-27(20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23095      | 10              | QPSK          | 50           | LOW            | -1768.75         | 1768.75          | -8.43         | Pass    |
| 23095      | 10              | Q16           | 50           | LOW            | -1768.75         | 1768.75          | -9.6          | Pass    |

## 5.7 LTE Frequency Stability\_Part22-24-27(25 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23095      | 10              | QPSK          | 50           | LOW            | -1768.75         | 1768.75          | -6.75         | Pass    |
| 23095      | 10              | Q16           | 50           | LOW            | -1768.75         | 1768.75          | -6.15         | Pass    |

## 5.8 LTE Frequency Stability\_Part22-24-27(30 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23095      | 10              | QPSK          | 50           | LOW            | -1768.75         | 1768.75          | -4.73         | Pass    |
| 23095      | 10              | Q16           | 50           | LOW            | -1768.75         | 1768.75          | -4.75         | Pass    |

## 5.9 LTE Frequency Stability\_Part22-24-27(40 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23095      | 10              | QPSK          | 50           | LOW            | -1768.75         | 1768.75          | -4.76         | Pass    |
| 23095      | 10              | Q16           | 50           | LOW            | -1768.75         | 1768.75          | -5.29         | Pass    |

### 5.11 LTE Frequency Stability\_Part22-24-27(NTHV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23095      | 10              | QPSK          | 50           | LOW            | -1768.75         | 1768.75          | -1.03         | Pass    |
| 23095      | 10              | Q16           | 50           | LOW            | -1768.75         | 1768.75          | -6.85         | Pass    |

## 5.12 LTE Frequency Stability\_Part22-24-27(NTLV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23095      | 10              | QPSK          | 50           | LOW            | -1768.75         | 1768.75          | -8.04         | Pass    |
| 23095      | 10              | Q16           | 50           | LOW            | -1768.75         | 1768.75          | -6.07         | Pass    |

## 6. LTE\_Band13

### 6.2 LTE Frequency Stability\_Part22-24-27(-20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23230      | 10              | QPSK          | 50           | LOW            | -1955            | 1955             | 0             | Pass    |
| 23230      | 10              | Q16           | 50           | LOW            | -1955            | 1955             | 0             | Pass    |

### 6.3 LTE Frequency Stability\_Part22-24-27(-10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23230      | 10              | QPSK          | 50           | LOW            | -1955            | 1955             | 0             | Pass    |
| 23230      | 10              | Q16           | 50           | LOW            | -1955            | 1955             | 0             | Pass    |

#### 6.4 LTE Frequency Stability\_Part22-24-27(0 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23230      | 10              | QPSK          | 50           | LOW            | -1955            | 1955             | 0             | Pass    |
| 23230      | 10              | Q16           | 50           | LOW            | -1955            | 1955             | 0             | Pass    |

## 6.5 LTE Frequency Stability\_Part22-24-27(10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23230      | 10              | QPSK          | 50           | LOW            | -1955            | 1955             | 0             | Pass    |
| 23230      | 10              | Q16           | 50           | LOW            | -1955            | 1955             | 0             | Pass    |

## 6.6 LTE Frequency Stability\_Part22-24-27(20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23230      | 10              | QPSK          | 50           | LOW            | -1955            | 1955             | 0             | Pass    |
| 23230      | 10              | Q16           | 50           | LOW            | -1955            | 1955             | 0             | Pass    |

## 6.7 LTE Frequency Stability\_Part22-24-27(25 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23230      | 10              | QPSK          | 50           | LOW            | -1955            | 1955             | 0             | Pass    |
| 23230      | 10              | Q16           | 50           | LOW            | -1955            | 1955             | 0             | Pass    |

## 6.8 LTE Frequency Stability\_Part22-24-27(30 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23230      | 10              | QPSK          | 50           | LOW            | -1955            | 1955             | 0             | Pass    |
| 23230      | 10              | Q16           | 50           | LOW            | -1955            | 1955             | 0             | Pass    |

## 6.9 LTE Frequency Stability\_Part22-24-27(40 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23230      | 10              | QPSK          | 50           | LOW            | -1955            | 1955             | 0             | Pass    |
| 23230      | 10              | Q16           | 50           | LOW            | -1955            | 1955             | 0             | Pass    |

## 6.11 LTE Frequency Stability\_Part22-24-27(NTHV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23230      | 10              | QPSK          | 50           | LOW            | -1955            | 1955             | 0             | Pass    |
| 23230      | 10              | Q16           | 50           | LOW            | -1955            | 1955             | 0             | Pass    |

## 6.12 LTE Frequency Stability\_Part22-24-27(NTLV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23230      | 10              | QPSK          | 50           | LOW            | -1955            | 1955             | 0             | Pass    |
| 23230      | 10              | Q16           | 50           | LOW            | -1955            | 1955             | 0             | Pass    |

## 7. LTE\_Band17

### 7.2 LTE Frequency Stability\_Part22-24-27(-20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23790      | 10              | QPSK          | 50           | LOW            | -1775            | 1775             | -1.29         | Pass    |
| 23790      | 10              | Q16           | 50           | LOW            | -1775            | 1775             | -2.95         | Pass    |

### 7.3 LTE Frequency Stability\_Part22-24-27(-10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23790      | 10              | QPSK          | 50           | LOW            | -1775            | 1775             | -9.11         | Pass    |
| 23790      | 10              | Q16           | 50           | LOW            | -1775            | 1775             | -10.94        | Pass    |

#### 7.4 LTE Frequency Stability\_Part22-24-27(0 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23790      | 10              | QPSK          | 50           | LOW            | -1775            | 1775             | -5.99         | Pass    |
| 23790      | 10              | Q16           | 50           | LOW            | -1775            | 1775             | -6.07         | Pass    |

## 7.5 LTE Frequency Stability\_Part22-24-27(10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23790      | 10              | QPSK          | 50           | LOW            | -1775            | 1775             | -4.85         | Pass    |
| 23790      | 10              | Q16           | 50           | LOW            | -1775            | 1775             | -3.78         | Pass    |

## 7.6 LTE Frequency Stability\_Part22-24-27(20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23790      | 10              | QPSK          | 50           | LOW            | -1775            | 1775             | -4.29         | Pass    |
| 23790      | 10              | Q16           | 50           | LOW            | -1775            | 1775             | -5.65         | Pass    |

## 7.7 LTE Frequency Stability\_Part22-24-27(25 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23790      | 10              | QPSK          | 50           | LOW            | -1775            | 1775             | -6.39         | Pass    |
| 23790      | 10              | Q16           | 50           | LOW            | -1775            | 1775             | -8.14         | Pass    |

## 7.8 LTE Frequency Stability\_Part22-24-27(30 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23790      | 10              | QPSK          | 50           | LOW            | -1775            | 1775             | -5.44         | Pass    |
| 23790      | 10              | Q16           | 50           | LOW            | -1775            | 1775             | -6.52         | Pass    |

## 7.9 LTE Frequency Stability\_Part22-24-27(40 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23790      | 10              | QPSK          | 50           | LOW            | -1775            | 1775             | -4.45         | Pass    |
| 23790      | 10              | Q16           | 50           | LOW            | -1775            | 1775             | -2.43         | Pass    |

### 7.11 LTE Frequency Stability\_Part22-24-27(NTHV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23790      | 10              | QPSK          | 50           | LOW            | -1775            | 1775             | -10.46        | Pass    |
| 23790      | 10              | Q16           | 50           | LOW            | -1775            | 1775             | -7.44         | Pass    |

## 7.12 LTE Frequency Stability\_Part22-24-27(NTLV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 23790      | 10              | QPSK          | 50           | LOW            | -1775            | 1775             | -6.91         | Pass    |
| 23790      | 10              | Q16           | 50           | LOW            | -1775            | 1775             | -7.35         | Pass    |

## 8. LTE\_Band25

### 8.2 LTE Frequency Stability\_Part22-24-27(-20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26365      | 10              | QPSK          | 50           | LOW            | -4706.25         | 4706.25          | -5.66         | Pass    |
| 26365      | 10              | Q16           | 50           | LOW            | -4706.25         | 4706.25          | -6.32         | Pass    |

### 8.3 LTE Frequency Stability\_Part22-24-27(-10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26365      | 10              | QPSK          | 50           | LOW            | -4706.25         | 4706.25          | -6.37         | Pass    |
| 26365      | 10              | Q16           | 50           | LOW            | -4706.25         | 4706.25          | -9.96         | Pass    |

#### 8.4 LTE Frequency Stability\_Part22-24-27(0 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26365      | 10              | QPSK          | 50           | LOW            | -4706.25         | 4706.25          | -6.41         | Pass    |
| 26365      | 10              | Q16           | 50           | LOW            | -4706.25         | 4706.25          | -7.15         | Pass    |

### 8.5 LTE Frequency Stability\_Part22-24-27(10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26365      | 10              | QPSK          | 50           | LOW            | -4706.25         | 4706.25          | -7.51         | Pass    |
| 26365      | 10              | Q16           | 50           | LOW            | -4706.25         | 4706.25          | -4.61         | Pass    |

## 8.6 LTE Frequency Stability\_Part22-24-27(20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26365      | 10              | QPSK          | 50           | LOW            | -4706.25         | 4706.25          | -0.9          | Pass    |
| 26365      | 10              | Q16           | 50           | LOW            | -4706.25         | 4706.25          | -7.67         | Pass    |

## 8.7 LTE Frequency Stability\_Part22-24-27(25 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26365      | 10              | QPSK          | 50           | LOW            | -4706.25         | 4706.25          | -9.48         | Pass    |
| 26365      | 10              | Q16           | 50           | LOW            | -4706.25         | 4706.25          | -7.82         | Pass    |

## 8.8 LTE Frequency Stability\_Part22-24-27(30 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26365      | 10              | QPSK          | 50           | LOW            | -4706.25         | 4706.25          | -4.96         | Pass    |
| 26365      | 10              | Q16           | 50           | LOW            | -4706.25         | 4706.25          | -5.64         | Pass    |

### 8.9 LTE Frequency Stability\_Part22-24-27(40 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26365      | 10              | QPSK          | 50           | LOW            | -4706.25         | 4706.25          | -2.23         | Pass    |
| 26365      | 10              | Q16           | 50           | LOW            | -4706.25         | 4706.25          | -4.55         | Pass    |

### 8.11 LTE Frequency Stability\_Part22-24-27(NTHV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26365      | 10              | QPSK          | 50           | LOW            | -4706.25         | 4706.25          | -4.22         | Pass    |
| 26365      | 10              | Q16           | 50           | LOW            | -4706.25         | 4706.25          | -4.46         | Pass    |

## 8.12 LTE Frequency Stability\_Part22-24-27(NTLV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26365      | 10              | QPSK          | 50           | LOW            | -4706.25         | 4706.25          | -9.36         | Pass    |
| 26365      | 10              | Q16           | 50           | LOW            | -4706.25         | 4706.25          | -7.38         | Pass    |

## 9. LTE\_Band26(part22)

### 9.2 LTE Frequency Stability\_Part22-24-27(-20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26915      | 10              | QPSK          | 50           | LOW            | -2091.25         | 2091.25          | -5.44         | Pass    |
| 26915      | 10              | Q16           | 50           | LOW            | -2091.25         | 2091.25          | -7.17         | Pass    |

### 9.3 LTE Frequency Stability\_Part22-24-27(-10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26915      | 10              | QPSK          | 50           | LOW            | -2091.25         | 2091.25          | -5.99         | Pass    |
| 26915      | 10              | Q16           | 50           | LOW            | -2091.25         | 2091.25          | -2.33         | Pass    |

#### 9.4 LTE Frequency Stability\_Part22-24-27(0 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26915      | 10              | QPSK          | 50           | LOW            | -2091.25         | 2091.25          | -2.33         | Pass    |
| 26915      | 10              | Q16           | 50           | LOW            | -2091.25         | 2091.25          | -7.9          | Pass    |

### 9.5 LTE Frequency Stability\_Part22-24-27(10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26915      | 10              | QPSK          | 50           | LOW            | -2091.25         | 2091.25          | -6.37         | Pass    |
| 26915      | 10              | Q16           | 50           | LOW            | -2091.25         | 2091.25          | -7.17         | Pass    |

## 9.6 LTE Frequency Stability\_Part22-24-27(20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26915      | 10              | QPSK          | 50           | LOW            | -2091.25         | 2091.25          | -5.14         | Pass    |
| 26915      | 10              | Q16           | 50           | LOW            | -2091.25         | 2091.25          | -2.83         | Pass    |

### 9.7 LTE Frequency Stability\_Part22-24-27(25 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26915      | 10              | QPSK          | 50           | LOW            | -2091.25         | 2091.25          | -5.22         | Pass    |
| 26915      | 10              | Q16           | 50           | LOW            | -2091.25         | 2091.25          | -7.94         | Pass    |

## 9.8 LTE Frequency Stability\_Part22-24-27(30 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26915      | 10              | QPSK          | 50           | LOW            | -2091.25         | 2091.25          | -8.51         | Pass    |
| 26915      | 10              | Q16           | 50           | LOW            | -2091.25         | 2091.25          | -6.52         | Pass    |

### 9.9 LTE Frequency Stability\_Part22-24-27(40 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26915      | 10              | QPSK          | 50           | LOW            | -2091.25         | 2091.25          | -8.21         | Pass    |
| 26915      | 10              | Q16           | 50           | LOW            | -2091.25         | 2091.25          | -7.61         | Pass    |

### 9.11 LTE Frequency Stability\_Part22-24-27(NTHV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26915      | 10              | QPSK          | 50           | LOW            | -2091.25         | 2091.25          | -2.75         | Pass    |
| 26915      | 10              | Q16           | 50           | LOW            | -2091.25         | 2091.25          | -4.84         | Pass    |

## 9.12 LTE Frequency Stability\_Part22-24-27(NTLV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26915      | 10              | QPSK          | 50           | LOW            | -2091.25         | 2091.25          | -8.75         | Pass    |
| 26915      | 10              | Q16           | 50           | LOW            | -2091.25         | 2091.25          | -8.61         | Pass    |

## 10. LTE\_Band38

### 10.2 LTE Frequency Stability\_Part22-24-27(-20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 38000      | 10              | QPSK          | 50           | LOW            | -6487.5          | 6487.5           | -3.59         | Pass    |
| 38000      | 10              | Q16           | 50           | LOW            | -6487.5          | 6487.5           | -8.8          | Pass    |

### 10.3 LTE Frequency Stability\_Part22-24-27(-10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 38000      | 10              | QPSK          | 50           | LOW            | -6487.5          | 6487.5           | -6.62         | Pass    |
| 38000      | 10              | Q16           | 50           | LOW            | -6487.5          | 6487.5           | -6.04         | Pass    |

#### 10.4 LTE Frequency Stability\_Part22-24-27(0 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 38000      | 10              | QPSK          | 50           | LOW            | -6487.5          | 6487.5           | -3.2          | Pass    |
| 38000      | 10              | Q16           | 50           | LOW            | -6487.5          | 6487.5           | -3.95         | Pass    |

### 10.5 LTE Frequency Stability\_Part22-24-27(10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 38000      | 10              | QPSK          | 50           | LOW            | -6487.5          | 6487.5           | -4.69         | Pass    |
| 38000      | 10              | Q16           | 50           | LOW            | -6487.5          | 6487.5           | -3.69         | Pass    |

## 10.6 LTE Frequency Stability\_Part22-24-27(20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 38000      | 10              | QPSK          | 50           | LOW            | -6487.5          | 6487.5           | -3.42         | Pass    |
| 38000      | 10              | Q16           | 50           | LOW            | -6487.5          | 6487.5           | -5.51         | Pass    |

### 10.7 LTE Frequency Stability\_Part22-24-27(25 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 38000      | 10              | QPSK          | 50           | LOW            | -6487.5          | 6487.5           | -3.88         | Pass    |
| 38000      | 10              | Q16           | 50           | LOW            | -6487.5          | 6487.5           | -2.37         | Pass    |

## 10.8 LTE Frequency Stability\_Part22-24-27(30 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 38000      | 10              | QPSK          | 50           | LOW            | -6487.5          | 6487.5           | -5.65         | Pass    |
| 38000      | 10              | Q16           | 50           | LOW            | -6487.5          | 6487.5           | -5.49         | Pass    |

### 10.9 LTE Frequency Stability\_Part22-24-27(40 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 38000      | 10              | QPSK          | 50           | LOW            | -6487.5          | 6487.5           | -3.76         | Pass    |
| 38000      | 10              | Q16           | 50           | LOW            | -6487.5          | 6487.5           | -1.59         | Pass    |

### 10.11 LTE Frequency Stability\_Part22-24-27(NTHV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 38000      | 10              | QPSK          | 50           | LOW            | -6487.5          | 6487.5           | -5.61         | Pass    |
| 38000      | 10              | Q16           | 50           | LOW            | -6487.5          | 6487.5           | -4.85         | Pass    |

## 10.12 LTE Frequency Stability\_Part22-24-27(NTLV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 38000      | 10              | QPSK          | 50           | LOW            | -6487.5          | 6487.5           | -3.55         | Pass    |
| 38000      | 10              | Q16           | 50           | LOW            | -6487.5          | 6487.5           | -5.22         | Pass    |

## 11. LTE\_Band41 120M

### 11.2 LTE Frequency Stability\_Part22-24-27(-20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 40640      | 10              | QPSK          | 50           | LOW            | -6487.5          | 6487.5           | -3.65         | Pass    |
| 40640      | 10              | Q16           | 50           | LOW            | -6487.5          | 6487.5           | -7.87         | Pass    |

### 11.3 LTE Frequency Stability\_Part22-24-27(-10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 40640      | 10              | QPSK          | 50           | LOW            | -6487.5          | 6487.5           | -5.41         | Pass    |
| 40640      | 10              | Q16           | 50           | LOW            | -6487.5          | 6487.5           | -5.72         | Pass    |

#### 11.4 LTE Frequency Stability\_Part22-24-27(0 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 40640      | 10              | QPSK          | 50           | LOW            | -6487.5          | 6487.5           | -6.28         | Pass    |
| 40640      | 10              | Q16           | 50           | LOW            | -6487.5          | 6487.5           | -7.05         | Pass    |

### 11.5 LTE Frequency Stability\_Part22-24-27(10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 40640      | 10              | QPSK          | 50           | LOW            | -6487.5          | 6487.5           | -7.24         | Pass    |
| 40640      | 10              | Q16           | 50           | LOW            | -6487.5          | 6487.5           | -5.56         | Pass    |

## 11.6 LTE Frequency Stability\_Part22-24-27(20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 40640      | 10              | QPSK          | 50           | LOW            | -6487.5          | 6487.5           | -9.6          | Pass    |
| 40640      | 10              | Q16           | 50           | LOW            | -6487.5          | 6487.5           | -4.68         | Pass    |

### 11.7 LTE Frequency Stability\_Part22-24-27(25 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 40640      | 10              | QPSK          | 50           | LOW            | -6487.5          | 6487.5           | -4.55         | Pass    |
| 40640      | 10              | Q16           | 50           | LOW            | -6487.5          | 6487.5           | -6.17         | Pass    |

### 11.8 LTE Frequency Stability\_Part22-24-27(30 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 40640      | 10              | QPSK          | 50           | LOW            | -6487.5          | 6487.5           | -5.41         | Pass    |
| 40640      | 10              | Q16           | 50           | LOW            | -6487.5          | 6487.5           | -6.19         | Pass    |

### 11.9 LTE Frequency Stability\_Part22-24-27(40 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 40640      | 10              | QPSK          | 50           | LOW            | -6487.5          | 6487.5           | -5.52         | Pass    |
| 40640      | 10              | Q16           | 50           | LOW            | -6487.5          | 6487.5           | -4.46         | Pass    |

### 11.11 LTE Frequency Stability\_Part22-24-27(NTHV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 40640      | 10              | QPSK          | 50           | LOW            | -6487.5          | 6487.5           | -8.27         | Pass    |
| 40640      | 10              | Q16           | 50           | LOW            | -6487.5          | 6487.5           | -7.94         | Pass    |

### 11.12 LTE Frequency Stability\_Part22-24-27(NTLV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 40640      | 10              | QPSK          | 50           | LOW            | -6487.5          | 6487.5           | -6.18         | Pass    |
| 40640      | 10              | Q16           | 50           | LOW            | -6487.5          | 6487.5           | -4.53         | Pass    |

## 12. LTE\_Band66

### 12.2 LTE Frequency Stability\_Part22-24-27(-20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 132322     | 10              | QPSK          | 50           | LOW            | -4362.5          | 4362.5           | -3.96         | Pass    |
| 132322     | 10              | Q16           | 50           | LOW            | -4362.5          | 4362.5           | -6.51         | Pass    |

### 12.3 LTE Frequency Stability\_Part22-24-27(-10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 132322     | 10              | QPSK          | 50           | LOW            | -4362.5          | 4362.5           | -5.71         | Pass    |
| 132322     | 10              | Q16           | 50           | LOW            | -4362.5          | 4362.5           | 0.2           | Pass    |

## 12.4 LTE Frequency Stability\_Part22-24-27(0 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 132322     | 10              | QPSK          | 50           | LOW            | -4362.5          | 4362.5           | -1.29         | Pass    |
| 132322     | 10              | Q16           | 50           | LOW            | -4362.5          | 4362.5           | -4.71         | Pass    |

## 12.5 LTE Frequency Stability\_Part22-24-27(10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 132322     | 10              | QPSK          | 50           | LOW            | -4362.5          | 4362.5           | -0.89         | Pass    |
| 132322     | 10              | Q16           | 50           | LOW            | -4362.5          | 4362.5           | -5.38         | Pass    |

## 12.6 LTE Frequency Stability\_Part22-24-27(20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 132322     | 10              | QPSK          | 50           | LOW            | -4362.5          | 4362.5           | -4.19         | Pass    |
| 132322     | 10              | Q16           | 50           | LOW            | -4362.5          | 4362.5           | -3.05         | Pass    |

## 12.7 LTE Frequency Stability\_Part22-24-27(25 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 132322     | 10              | QPSK          | 50           | LOW            | -4362.5          | 4362.5           | -4.89         | Pass    |
| 132322     | 10              | Q16           | 50           | LOW            | -4362.5          | 4362.5           | -2.02         | Pass    |

## 12.8 LTE Frequency Stability\_Part22-24-27(30 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 132322     | 10              | QPSK          | 50           | LOW            | -4362.5          | 4362.5           | -1.89         | Pass    |
| 132322     | 10              | Q16           | 50           | LOW            | -4362.5          | 4362.5           | -3.42         | Pass    |

## 12.9 LTE Frequency Stability\_Part22-24-27(40 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 132322     | 10              | QPSK          | 50           | LOW            | -4362.5          | 4362.5           | -0.33         | Pass    |
| 132322     | 10              | Q16           | 50           | LOW            | -4362.5          | 4362.5           | -2.35         | Pass    |

## 12.11 LTE Frequency Stability\_Part22-24-27(NTHV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 132322     | 10              | QPSK          | 50           | LOW            | -4362.5          | 4362.5           | -0.11         | Pass    |
| 132322     | 10              | Q16           | 50           | LOW            | -4362.5          | 4362.5           | -2.46         | Pass    |

## 12.12 LTE Frequency Stability\_Part22-24-27(NTLV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 132322     | 10              | QPSK          | 50           | LOW            | -4362.5          | 4362.5           | -0.84         | Pass    |
| 132322     | 10              | Q16           | 50           | LOW            | -4362.5          | 4362.5           | -3.39         | Pass    |

## 13. LTE\_Band71

### 13.2 LTE Frequency Stability\_Part22-24-27(-20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 133297     | 10              | QPSK          | 50           | LOW            | -1701.25         | 1701.25          | -6.81         | Pass    |
| 133297     | 10              | Q16           | 50           | LOW            | -1701.25         | 1701.25          | -10.03        | Pass    |

### 13.3 LTE Frequency Stability\_Part22-24-27(-10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 133297     | 10              | QPSK          | 50           | LOW            | -1701.25         | 1701.25          | -8.41         | Pass    |
| 133297     | 10              | Q16           | 50           | LOW            | -1701.25         | 1701.25          | -9.96         | Pass    |

### 13.4 LTE Frequency Stability\_Part22-24-27(0 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 133297     | 10              | QPSK          | 50           | LOW            | -1701.25         | 1701.25          | -5.44         | Pass    |
| 133297     | 10              | Q16           | 50           | LOW            | -1701.25         | 1701.25          | -5.22         | Pass    |

### 13.5 LTE Frequency Stability\_Part22-24-27(10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 133297     | 10              | QPSK          | 50           | LOW            | -1701.25         | 1701.25          | -10.03        | Pass    |
| 133297     | 10              | Q16           | 50           | LOW            | -1701.25         | 1701.25          | -8.4          | Pass    |

### 13.6 LTE Frequency Stability\_Part22-24-27(20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 133297     | 10              | QPSK          | 50           | LOW            | -1701.25         | 1701.25          | -7.67         | Pass    |
| 133297     | 10              | Q16           | 50           | LOW            | -1701.25         | 1701.25          | -3.25         | Pass    |

### 13.7 LTE Frequency Stability\_Part22-24-27(25 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 133297     | 10              | QPSK          | 50           | LOW            | -1701.25         | 1701.25          | -6.61         | Pass    |
| 133297     | 10              | Q16           | 50           | LOW            | -1701.25         | 1701.25          | -5.55         | Pass    |

### 13.8 LTE Frequency Stability\_Part22-24-27(30 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 133297     | 10              | QPSK          | 50           | LOW            | -1701.25         | 1701.25          | -5.19         | Pass    |
| 133297     | 10              | Q16           | 50           | LOW            | -1701.25         | 1701.25          | -6.14         | Pass    |

### 13.9 LTE Frequency Stability\_Part22-24-27(40 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 133297     | 10              | QPSK          | 50           | LOW            | -1701.25         | 1701.25          | -4.69         | Pass    |
| 133297     | 10              | Q16           | 50           | LOW            | -1701.25         | 1701.25          | -6.75         | Pass    |

### 13.11 LTE Frequency Stability\_Part22-24-27(NTHV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 133297     | 10              | QPSK          | 50           | LOW            | -1701.25         | 1701.25          | -10.17        | Pass    |
| 133297     | 10              | Q16           | 50           | LOW            | -1701.25         | 1701.25          | -10.27        | Pass    |

### 13.12 LTE Frequency Stability\_Part22-24-27(NTLV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 133297     | 10              | QPSK          | 50           | LOW            | -1701.25         | 1701.25          | -5.84         | Pass    |
| 133297     | 10              | Q16           | 50           | LOW            | -1701.25         | 1701.25          | -3.22         | Pass    |

## 1. LTE\_Band26(part90)

### 1.2 LTE Frequency Stability\_Part90(-20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26740      | 10              | QPSK          | 50           | LOW            | -2047.5          | 2047.5           | 0             | Pass    |
| 26740      | 10              | Q16           | 50           | LOW            | -2047.5          | 2047.5           | 0             | Pass    |

### 1.3 LTE Frequency Stability\_Part90(-10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26740      | 10              | QPSK          | 50           | LOW            | -2047.5          | 2047.5           | 0             | Pass    |
| 26740      | 10              | Q16           | 50           | LOW            | -2047.5          | 2047.5           | 0             | Pass    |

#### 1.4 LTE Frequency Stability\_Part90(0 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26740      | 10              | QPSK          | 50           | LOW            | -2047.5          | 2047.5           | 0             | Pass    |
| 26740      | 10              | Q16           | 50           | LOW            | -2047.5          | 2047.5           | 0             | Pass    |

### 1.5 LTE Frequency Stability\_Part90(10 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26740      | 10              | QPSK          | 50           | LOW            | -2047.5          | 2047.5           | 0             | Pass    |
| 26740      | 10              | Q16           | 50           | LOW            | -2047.5          | 2047.5           | 0             | Pass    |

## 1.6 LTE Frequency Stability\_Part90(20 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26740      | 10              | QPSK          | 50           | LOW            | -2047.5          | 2047.5           | 0             | Pass    |
| 26740      | 10              | Q16           | 50           | LOW            | -2047.5          | 2047.5           | 0             | Pass    |

### 1.7 LTE Frequency Stability\_Part90(25 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26740      | 10              | QPSK          | 50           | LOW            | -2047.5          | 2047.5           | 0             | Pass    |
| 26740      | 10              | Q16           | 50           | LOW            | -2047.5          | 2047.5           | 0             | Pass    |

## 1.8 LTE Frequency Stability\_Part90(30 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26740      | 10              | QPSK          | 50           | LOW            | -2047.5          | 2047.5           | 0             | Pass    |
| 26740      | 10              | Q16           | 50           | LOW            | -2047.5          | 2047.5           | 0             | Pass    |

### 1.9 LTE Frequency Stability\_Part90(40 Degree)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26740      | 10              | QPSK          | 50           | LOW            | -2047.5          | 2047.5           | 0             | Pass    |
| 26740      | 10              | Q16           | 50           | LOW            | -2047.5          | 2047.5           | 0             | Pass    |

### 1.10 LTE Frequency Stability\_Part90(NTHV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26740      | 10              | QPSK          | 50           | LOW            | -2047.5          | 2047.5           | 0             | Pass    |
| 26740      | 10              | Q16           | 50           | LOW            | -2047.5          | 2047.5           | 0             | Pass    |

### 1.11 LTE Frequency Stability\_Part90(NTLV)

| UL Channel | Bandwidth (MHz) | UL Modulation | UL RB Number | UL RB Position | Lower Limit (Hz) | Upper Limit (Hz) | Measured (Hz) | Verdict |
|------------|-----------------|---------------|--------------|----------------|------------------|------------------|---------------|---------|
| 26740      | 10              | QPSK          | 50           | LOW            | -2047.5          | 2047.5           | 0             | Pass    |
| 26740      | 10              | Q16           | 50           | LOW            | -2047.5          | 2047.5           | 0             | Pass    |



