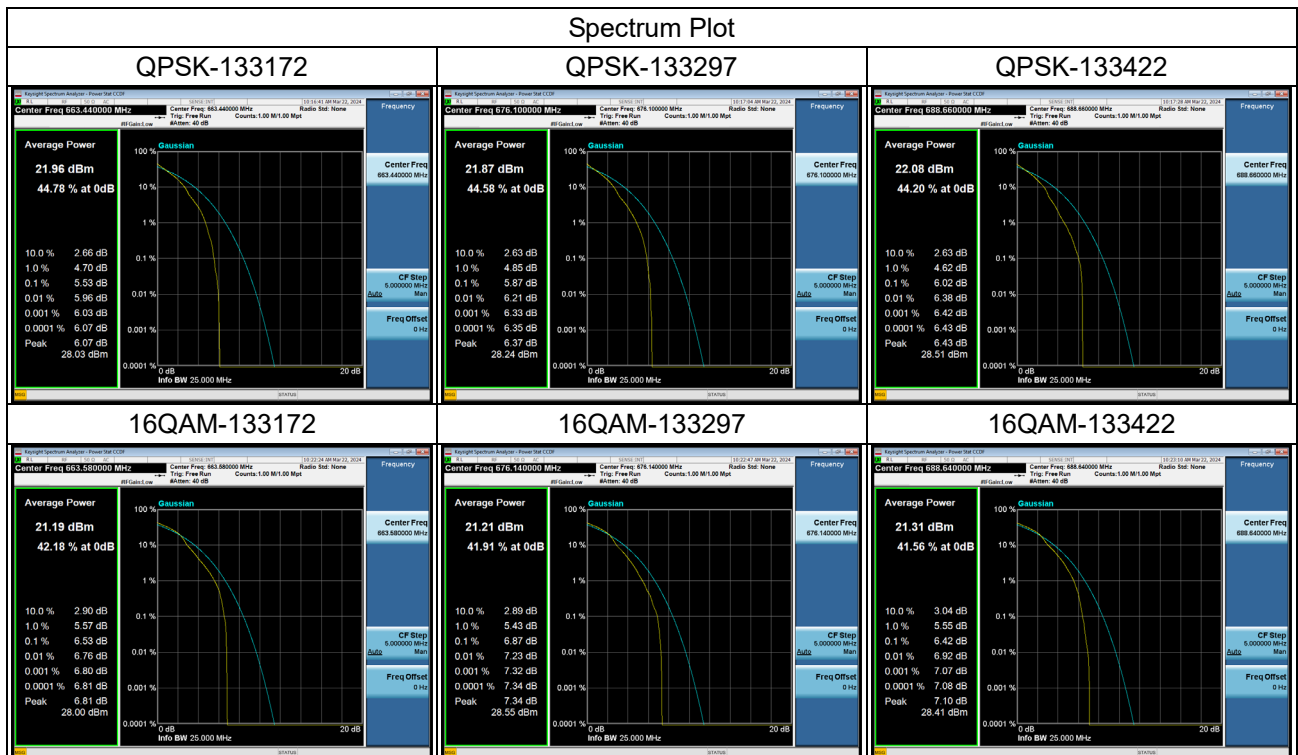
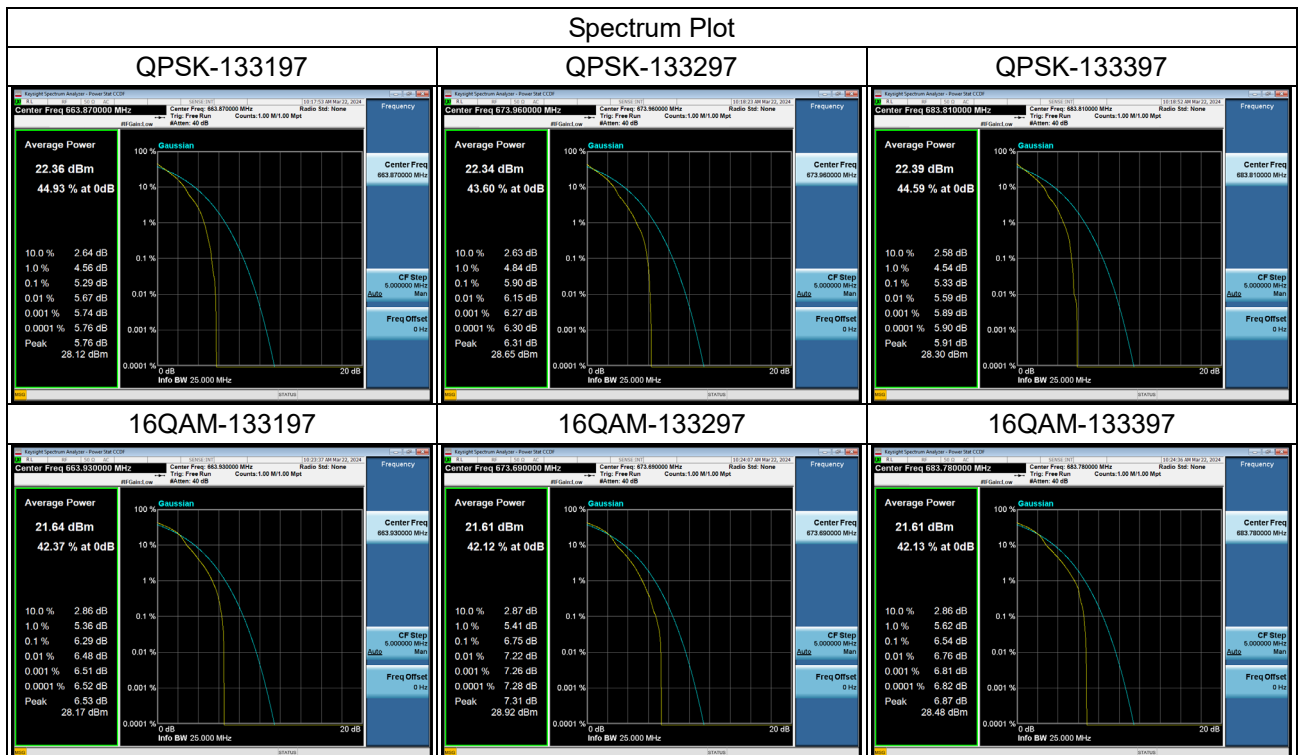


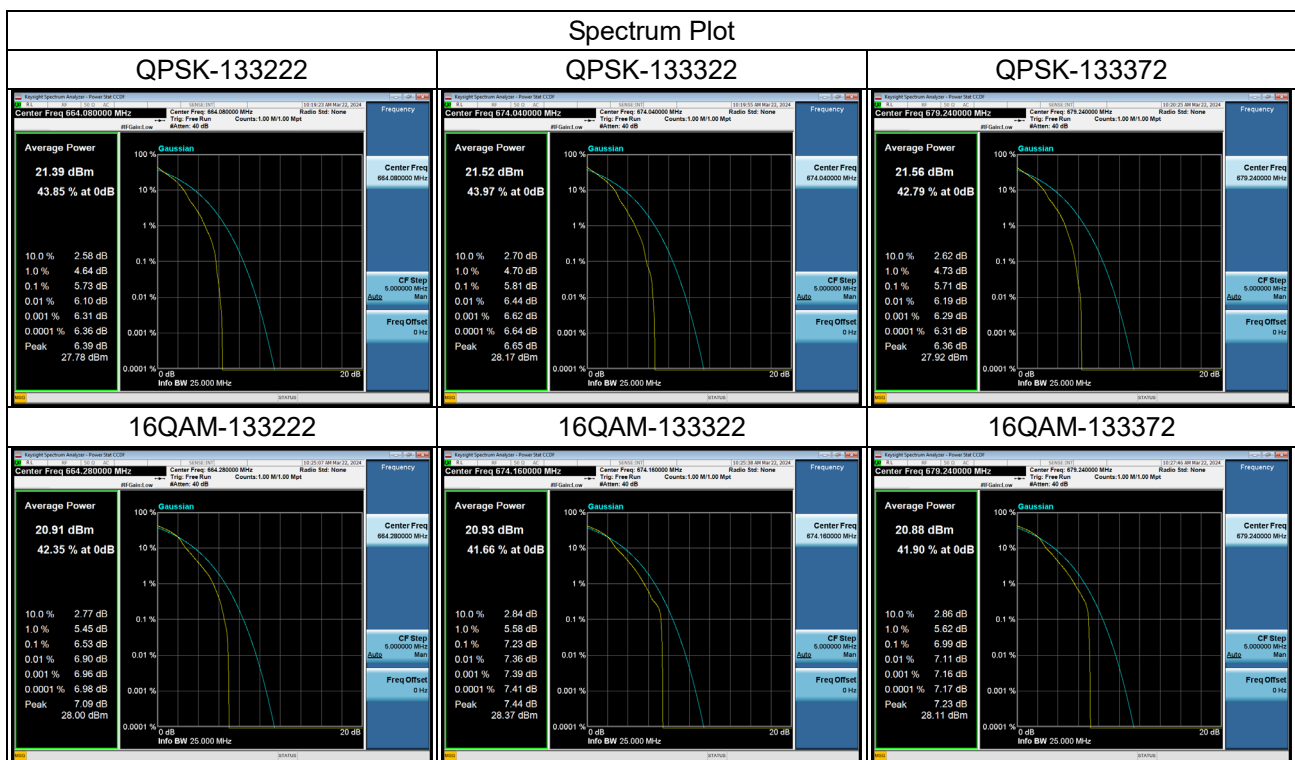
| LTE Band 71_10MHz |                 |                            |       |                 |        |
|-------------------|-----------------|----------------------------|-------|-----------------|--------|
| Channel           | Frequency (MHz) | Peak To Average Ratio (dB) |       | Max. Limit (dB) | Result |
|                   |                 | QPSK                       | 16QAM |                 |        |
| 133172            | 668             | 5.53                       | 6.53  | 13              | Pass   |
| 133297            | 680.5           | 5.87                       | 6.87  | 13              | Pass   |
| 133422            | 693             | 6.02                       | 6.42  | 13              | Pass   |



| LTE Band 71_15MHz |                 |                            |       |                 |        |
|-------------------|-----------------|----------------------------|-------|-----------------|--------|
| Channel           | Frequency (MHz) | Peak To Average Ratio (dB) |       | Max. Limit (dB) | Result |
|                   |                 | QPSK                       | 16QAM |                 |        |
| 133197            | 670.5           | 5.29                       | 6.29  | 13              | Pass   |
| 133297            | 680.5           | 5.90                       | 6.75  | 13              | Pass   |
| 133397            | 690.5           | 5.33                       | 6.54  | 13              | Pass   |



| LTE Band 71_20MHz |                 |                            |       |                 |        |
|-------------------|-----------------|----------------------------|-------|-----------------|--------|
| Channel           | Frequency (MHz) | Peak To Average Ratio (dB) |       | Max. Limit (dB) | Result |
|                   |                 | QPSK                       | 16QAM |                 |        |
| 133222            | 673             | 5.73                       | 6.53  | 13              | Pass   |
| 133322            | 683             | 5.81                       | 7.23  | 13              | Pass   |
| 133372            | 688             | 5.71                       | 6.99  | 13              | Pass   |



## **APPENDIX I - FREQUENCY STABILITY**

|           |               |
|-----------|---------------|
| Test Mode | WCDMA Band IV |
|-----------|---------------|

| Temperature (°C) | Lowest channel Frequency error(MHz) | Highest channel Frequency error(MHz) | Reference point:-13dBm |                      | Frequency calculation value (MHz)<br>Limit:The resulting frequencies must remain within the band |                               | Verdict | worst ppm   |
|------------------|-------------------------------------|--------------------------------------|------------------------|----------------------|--------------------------------------------------------------------------------------------------|-------------------------------|---------|-------------|
|                  |                                     |                                      | f <sub>L</sub> (MHz)   | f <sub>H</sub> (MHz) | Lowest channel limit:1710MHz                                                                     | Highest channel limit:1755MHz |         | Record only |
| 50               | 0.00001606                          | 0.00001685                           | 1710.940000            | 1754.900000          | 1710.939984                                                                                      | 1754.900017                   | Pass    | 0.0096      |
| 40               | 0.00002233                          | 0.00001768                           |                        |                      | 1710.939978                                                                                      | 1754.900018                   | Pass    | 0.0130      |
| 30               | 0.00003232                          | 0.00001432                           |                        |                      | 1710.939968                                                                                      | 1754.900014                   | Pass    | 0.0189      |
| 20               | 0.00002621                          | 0.00002352                           |                        |                      | 1710.939974                                                                                      | 1754.900024                   | Pass    | 0.0153      |
| 10               | 0.00002865                          | 0.00002538                           |                        |                      | 1710.939971                                                                                      | 1754.900025                   | Pass    | 0.0167      |
| 0                | 0.00002541                          | 0.00002452                           |                        |                      | 1710.939975                                                                                      | 1754.900025                   | Pass    | 0.0148      |
| -10              | 0.00002832                          | 0.00002212                           |                        |                      | 1710.939972                                                                                      | 1754.900022                   | Pass    | 0.0165      |
| -20              | 0.00002680.0                        | 0.0000198                            |                        |                      | 1710.939974                                                                                      | 1754.900020                   | Pass    | 0.0154      |
| -30              | 0.00003255                          | 0.00001882                           |                        |                      | 1710.939967                                                                                      | 1754.900019                   | Pass    | 0.0190      |
| Minimum voltage  | 0.00003312                          | 0.00002245                           |                        |                      | 1710.939967                                                                                      | 1754.900022                   | Pass    | 0.0193      |
| Maximum voltage  | 0.00002251                          | 0.00002680.0                         |                        |                      | 1710.939977                                                                                      | 1754.900026                   | Pass    | 0.0151      |
| Nominal voltage  | 0.00002106                          | 0.00002235                           |                        |                      | 1710.939979                                                                                      | 1754.900022                   | Pass    | 0.0128      |

Note: Nominal voltage= 3.8V, Maximum voltage= 4.35V, Minimum voltage= 3.5V.

|           |                  |
|-----------|------------------|
| Test Mode | LTE Band 4_20MHz |
|-----------|------------------|

| Temperature (°C) | Lowest channel Frequency error(MHz) | Highest channel Frequency error(MHz) | Reference point:-13dBm |                      | Frequency calculation value (MHz)<br>Limit:The resulting frequencies must remain within the band |                               | Verdict | worst ppm   |
|------------------|-------------------------------------|--------------------------------------|------------------------|----------------------|--------------------------------------------------------------------------------------------------|-------------------------------|---------|-------------|
|                  |                                     |                                      | f <sub>L</sub> (MHz)   | f <sub>H</sub> (MHz) | Lowest channel limit:1710MHz                                                                     | Highest channel limit:1755MHz |         | Record only |
| 50               | 0.00000691                          | -0.00000591                          | 1710.080000            | 1754.720000          | 1710.079993                                                                                      | 1754.719994                   | Pass    | 0.0040      |
| 40               | 0.0000121                           | -0.00000956                          |                        |                      | 1710.079988                                                                                      | 1754.719990                   | Pass    | 0.0070      |
| 30               | 0.00000768                          | -0.00000704                          |                        |                      | 1710.079992                                                                                      | 1754.719993                   | Pass    | 0.0045      |
| 20               | 0.00000747                          | -0.00000649                          |                        |                      | 1710.079993                                                                                      | 1754.719994                   | Pass    | 0.0043      |
| 10               | 0.00000658                          | -0.00000712                          |                        |                      | 1710.079993                                                                                      | 1754.719993                   | Pass    | -0.0041     |
| 0                | 0.00000611                          | -0.00000554                          |                        |                      | 1710.079994                                                                                      | 1754.719994                   | Pass    | 0.0036      |
| -10              | 0.00001489                          | -0.00000732                          |                        |                      | 1710.079985                                                                                      | 1754.719993                   | Pass    | 0.0087      |
| -20              | 0.0000078                           | -0.00000924                          |                        |                      | 1710.079992                                                                                      | 1754.719991                   | Pass    | -0.0053     |
| -30              | 0.00001075                          | -0.00000652                          |                        |                      | 1710.079989                                                                                      | 1754.719993                   | Pass    | 0.0063      |
| Minimum voltage  | 0.00001093                          | -0.00000718                          |                        |                      | 1710.079989                                                                                      | 1754.719993                   | Pass    | 0.0064      |
| Maximum voltage  | 0.00000672                          | -0.00000678                          |                        |                      | 1710.079993                                                                                      | 1754.719993                   | Pass    | 0.0039      |
| Nominal voltage  | 0.00000734                          | -0.00000585                          |                        |                      | 1710.079993                                                                                      | 1754.719994                   | Pass    | 0.0043      |

Note: Nominal voltage= 3.8V, Maximum voltage= 4.35V, Minimum voltage= 3.5V.

|           |                  |
|-----------|------------------|
| Test Mode | LTE Band 7_20MHz |
|-----------|------------------|

| Temperature (°C) | Lowest channel Frequency error(MHz) | Highest channel Frequency error(MHz) | Reference point:-10dBm |                      | Frequency calculation value (MHz)<br>Limit:The resulting frequencies must remain within the band |                               | Verdict | worst ppm   |
|------------------|-------------------------------------|--------------------------------------|------------------------|----------------------|--------------------------------------------------------------------------------------------------|-------------------------------|---------|-------------|
|                  |                                     |                                      | f <sub>L</sub> (MHz)   | f <sub>H</sub> (MHz) | Lowest channel limit:2500MHz                                                                     | Highest channel limit:2570MHz |         | Record only |
| 50               | 0.00000874                          | 0.00000744                           | 2500.40                | 2569.60              | 2500.399991                                                                                      | 2569.600007                   | Pass    | 0.0035      |
| 40               | -0.00001129                         | 0.00000641                           |                        |                      | 2500.400011                                                                                      | 2569.600006                   | Pass    | -0.0045     |
| 30               | 0.00000831                          | -0.0000071                           |                        |                      | 2500.399992                                                                                      | 2569.599993                   | Pass    | 0.0033      |
| 20               | 0.00001084                          | 0.000008                             |                        |                      | 2500.399989                                                                                      | 2569.600008                   | Pass    | 0.0043      |
| 10               | 0.00000875                          | 0.0000102                            |                        |                      | 2500.399991                                                                                      | 2569.600010                   | Pass    | 0.0040      |
| 0                | 0.00000904                          | 0.00000793                           |                        |                      | 2500.399991                                                                                      | 2569.600008                   | Pass    | 0.0036      |
| -10              | 0.00000818                          | 0.00000647                           |                        |                      | 2500.399992                                                                                      | 2569.600006                   | Pass    | 0.0033      |
| -20              | 0.00001024                          | 0.00000622                           |                        |                      | 2500.399990                                                                                      | 2569.600006                   | Pass    | 0.0041      |
| -30              | 0.00000911                          | 0.00000705                           |                        |                      | 2500.399991                                                                                      | 2569.600007                   | Pass    | 0.0036      |
| Minimum voltage  | 0.00000863                          | 0.00000725                           |                        |                      | 2500.399991                                                                                      | 2569.600007                   | Pass    | 0.0034      |
| Maximum voltage  | 0.00000847                          | -0.00000692                          |                        |                      | 2500.399992                                                                                      | 2569.599993                   | Pass    | 0.0034      |
| Nominal voltage  | 0.00001017                          | 0.00000754                           |                        |                      | 2500.399990                                                                                      | 2569.600008                   | Pass    | 0.0041      |

Note: Nominal voltage= 3.8V, Maximum voltage= 4.2V, Minimum voltage= 3.5V.

|           |                           |
|-----------|---------------------------|
| Test Mode | LTE Band 12_CH23095_10MHz |
|-----------|---------------------------|

| Temperature (°C) | Lowest channel Frequency error(MHz) | Highest channel Frequency error(MHz) | Reference point:-13dBm |                      | Frequency calculation value (MHz)<br>Limit:The resulting frequencies must remain within the band |                              | Verdict | worst ppm   |
|------------------|-------------------------------------|--------------------------------------|------------------------|----------------------|--------------------------------------------------------------------------------------------------|------------------------------|---------|-------------|
|                  |                                     |                                      | f <sub>L</sub> (MHz)   | f <sub>H</sub> (MHz) | Lowest channel limit:699MHz                                                                      | Highest channel limit:716MHz |         | Record only |
| 50               | 0.00000432                          | -0.00000386                          | 699.040000             | 715.940000           | 699.039996                                                                                       | 715.939996                   | Pass    | 0.0061      |
| 40               | 0.00000529                          | 0.00000378                           |                        |                      | 699.039995                                                                                       | 715.940004                   | Pass    | 0.0075      |
| 30               | 0.00000492                          | -0.00000412                          |                        |                      | 699.039995                                                                                       | 715.939996                   | Pass    | 0.0070      |
| 20               | -0.00000541                         | -0.00000466                          |                        |                      | 699.040005                                                                                       | 715.939995                   | Pass    | -0.0077     |
| 10               | 0.00000473                          | -0.00000608                          |                        |                      | 699.039995                                                                                       | 715.939994                   | Pass    | -0.0086     |
| 0                | -0.0000035                          | -0.00000751                          |                        |                      | 699.040004                                                                                       | 715.939992                   | Pass    | -0.0106     |
| -10              | 0.00000312                          | -0.00000587                          |                        |                      | 699.039997                                                                                       | 715.939994                   | Pass    | -0.0083     |
| -20              | 0.00000492                          | -0.00000609                          |                        |                      | 699.039995                                                                                       | 715.939994                   | Pass    | -0.0086     |
| -30              | 0.00000491                          | -0.00000522                          |                        |                      | 699.039995                                                                                       | 715.939995                   | Pass    | -0.0073     |
| Minimum voltage  | 0.00000458                          | -0.00000542                          |                        |                      | 699.039995                                                                                       | 715.939995                   | Pass    | -0.0076     |
| Maximum voltage  | 0.00000579                          | -0.00000541                          |                        |                      | 699.039994                                                                                       | 715.939995                   | Pass    | 0.0082      |
| Nominal voltage  | 0.00000415                          | -0.00000655                          |                        |                      | 699.039996                                                                                       | 715.939993                   | Pass    | -0.0092     |

Note: Nominal voltage= 3.8V, Maximum voltage= 4.35V, Minimum voltage= 3.5V.

|           |                   |
|-----------|-------------------|
| Test Mode | LTE Band 13_10MHz |
|-----------|-------------------|

| Temperature (°C) | Mid channel Frequency error(MHz) | Reference point:-13dBm |                      | Frequency calculation value (MHz)<br>Limit:The resulting frequencies must remain within the band |                              | Verdict | worst ppm   |
|------------------|----------------------------------|------------------------|----------------------|--------------------------------------------------------------------------------------------------|------------------------------|---------|-------------|
|                  |                                  | f <sub>L</sub> (MHz)   | f <sub>H</sub> (MHz) | Lowest channel limit:777MHz                                                                      | Highest channel limit:787MHz |         | Record only |
| 50               | 0.00000506                       | 777.060000             | 786.880000           | 777.059995                                                                                       | 786.880005                   | Pass    | 0.0065      |
| 40               | 0.00000581                       |                        |                      | 777.059994                                                                                       | 786.880006                   | Pass    | 0.0074      |
| 30               | -0.00000378                      |                        |                      | 777.060004                                                                                       | 786.879996                   | Pass    | -0.0048     |
| 20               | -0.00000465                      |                        |                      | 777.060005                                                                                       | 786.879995                   | Pass    | -0.0059     |
| 10               | 0.00000518                       |                        |                      | 777.059995                                                                                       | 786.880005                   | Pass    | 0.0066      |
| 0                | 0.00000459                       |                        |                      | 777.059995                                                                                       | 786.880005                   | Pass    | 0.0059      |
| -10              | 0.00000678                       |                        |                      | 777.059993                                                                                       | 786.880007                   | Pass    | 0.0087      |
| -20              | 0.00000365                       |                        |                      | 777.059996                                                                                       | 786.880004                   | Pass    | 0.0047      |
| -30              | 0.00000269                       |                        |                      | 777.059997                                                                                       | 786.880003                   | Pass    | 0.0034      |
| Minimum voltage  | 0.00000295                       |                        |                      | 777.059997                                                                                       | 786.880003                   | Pass    | 0.0038      |
| Maximum voltage  | 0.00000408                       |                        |                      | 777.059996                                                                                       | 786.880004                   | Pass    | 0.0052      |
| Nominal voltage  | 0.00000808                       |                        |                      | 777.059992                                                                                       | 786.880008                   | Pass    | 0.0103      |

Note: Nominal voltage= 3.8V, Maximum voltage= 4.35V, Minimum voltage= 3.5V.

|           |                   |
|-----------|-------------------|
| Test Mode | LTE Band 17_10MHz |
|-----------|-------------------|

| Temperature (°C) | Lowest channel Frequency error(MHz) | Highest channel Frequency error(MHz) | Reference point:-13dBm |                      | Frequency calculation value (MHz)<br>Limit:The resulting frequencies must remain within the band |                              | Verdict | worst ppm   |
|------------------|-------------------------------------|--------------------------------------|------------------------|----------------------|--------------------------------------------------------------------------------------------------|------------------------------|---------|-------------|
|                  |                                     |                                      | f <sub>L</sub> (MHz)   | f <sub>H</sub> (MHz) | Lowest channel limit:704MHz                                                                      | Highest channel limit:716MHz |         | Record only |
| 50               | -0.00000365                         | -0.00000303                          | 704.600000             | 715.800000           | 704.600004                                                                                       | 715.799997                   | Pass    | -0.0051     |
| 40               | -0.00000491                         | -0.00000511                          |                        |                      | 704.600005                                                                                       | 715.799995                   | Pass    | -0.0072     |
| 30               | -0.00000532                         | -0.00000473                          |                        |                      | 704.600005                                                                                       | 715.799995                   | Pass    | -0.0075     |
| 20               | -0.00000456                         | -0.00000466                          |                        |                      | 704.600005                                                                                       | 715.799995                   | Pass    | -0.0066     |
| 10               | -0.00000356                         | -0.00000076                          |                        |                      | 704.600004                                                                                       | 715.799992                   | Pass    | -0.0107     |
| 0                | -0.00000235                         | -0.00000086                          |                        |                      | 704.600002                                                                                       | 715.799991                   | Pass    | -0.0121     |
| -10              | -0.00000333                         | -0.00000056                          |                        |                      | 704.600003                                                                                       | 715.799994                   | Pass    | -0.0079     |
| -20              | -0.00000312                         | -0.00000555                          |                        |                      | 704.600003                                                                                       | 715.799994                   | Pass    | -0.0078     |
| -30              | -0.00000856                         | -0.00000356                          |                        |                      | 704.600009                                                                                       | 715.799996                   | Pass    | -0.0121     |
| Minimum voltage  | -0.00000734                         | -0.00000264                          |                        |                      | 704.600007                                                                                       | 715.799997                   | Pass    | -0.0104     |
| Maximum voltage  | -0.00000312                         | -0.00000395                          |                        |                      | 704.600003                                                                                       | 715.799996                   | Pass    | -0.0056     |
| Nominal voltage  | -0.00000383                         | -0.00000965                          |                        |                      | 704.600004                                                                                       | 715.799990                   | Pass    | -0.0136     |

Note: Nominal voltage= 3.8V, Maximum voltage= 4.35V, Minimum voltage= 3.5V.

|           |                   |
|-----------|-------------------|
| Test Mode | LTE Band 38_20MHz |
|-----------|-------------------|

| Temperature (°C) | Lowest channel Frequency error(MHz) | Highest channel Frequency error(MHz) | Reference point:-10dBm |                      | Frequency calculation value (MHz)<br>Limit:The resulting frequencies must remain within the band |                               | Verdict | worst ppm   |
|------------------|-------------------------------------|--------------------------------------|------------------------|----------------------|--------------------------------------------------------------------------------------------------|-------------------------------|---------|-------------|
|                  |                                     |                                      | f <sub>L</sub> (MHz)   | f <sub>H</sub> (MHz) | Lowest channel limit:2570MHz                                                                     | Highest channel limit:2620MHz |         | Record only |
| 50               | 0.00001895                          | 0.00001752                           | 2570.240000            | 2619.640000          | 2570.239981                                                                                      | 2619.640018                   | Pass    | 0.01        |
| 40               | 0.00002267                          | 0.00001628                           |                        |                      | 2570.239977                                                                                      | 2619.640016                   | Pass    | 0.01        |
| 30               | 0.00002266                          | -0.00001499                          |                        |                      | 2570.239977                                                                                      | 2619.639985                   | Pass    | 0.01        |
| 20               | 0.00001901                          | 0.0000197                            |                        |                      | 2570.239981                                                                                      | 2619.640020                   | Pass    | 0.01        |
| 10               | 0.00002309                          | 0.00001648                           |                        |                      | 2570.239977                                                                                      | 2619.640016                   | Pass    | 0.01        |
| 0                | 0.00001913                          | 0.00001416                           |                        |                      | 2570.239981                                                                                      | 2619.640014                   | Pass    | 0.01        |
| -10              | 0.0000227                           | -0.00001465                          |                        |                      | 2570.239977                                                                                      | 2619.639985                   | Pass    | 0.01        |
| -20              | 0.00002014                          | 0.00001569                           |                        |                      | 2570.239980                                                                                      | 2619.640016                   | Pass    | 0.01        |
| -30              | 0.00002117                          | 0.0000119                            |                        |                      | 2570.239979                                                                                      | 2619.640012                   | Pass    | 0.01        |
| Minimum voltage  | 0.00002416                          | 0.00001669                           |                        |                      | 2570.239976                                                                                      | 2619.640017                   | Pass    | 0.01        |
| Maximum voltage  | 0.00001871                          | 0.00001611                           |                        |                      | 2570.239981                                                                                      | 2619.640016                   | Pass    | 0.01        |
| Nominal voltage  | 0.0000206                           | 0.00001277                           |                        |                      | 2570.239979                                                                                      | 2619.640013                   | Pass    | 0.01        |

Note: Nominal voltage= 3.8V, Maximum voltage= 4.35V, Minimum voltage= 3.5V.

|           |                   |
|-----------|-------------------|
| Test Mode | LTE Band 41_20MHz |
|-----------|-------------------|

| Temperature (°C) | Lowest channel Frequency error(MHz) | Highest channel Frequency error(MHz) | Reference point:-13dBm |                      | Frequency calculation value (MHz)<br>Limit:The resulting frequencies must remain within the band |                               | Verdict | worst ppm   |
|------------------|-------------------------------------|--------------------------------------|------------------------|----------------------|--------------------------------------------------------------------------------------------------|-------------------------------|---------|-------------|
|                  |                                     |                                      | f <sub>L</sub> (MHz)   | f <sub>H</sub> (MHz) | Lowest channel limit:2496MHz                                                                     | Highest channel limit:2690MHz |         | Record only |
| 50               | -0.00004683                         | 0.00002033                           | 2496.160000            | 2689.720000          | 2496.160047                                                                                      | 2689.720020                   | Pass    | -0.0187     |
| 40               | -0.00004279                         | 0.00001963                           |                        |                      | 2496.160043                                                                                      | 2689.720020                   | Pass    | -0.0171     |
| 30               | 0.00002203                          | 0.00002463                           |                        |                      | 2496.159978                                                                                      | 2689.720025                   | Pass    | 0.0092      |
| 20               | 0.00001981                          | 0.00002305                           |                        |                      | 2496.159980                                                                                      | 2689.720023                   | Pass    | 0.0086      |
| 10               | 0.00001489                          | 0.00003352                           |                        |                      | 2496.159985                                                                                      | 2689.720034                   | Pass    | 0.0125      |
| 0                | 0.00001775                          | 0.00002176                           |                        |                      | 2496.159982                                                                                      | 2689.720022                   | Pass    | 0.0081      |
| -10              | 0.00001654                          | 0.00002306                           |                        |                      | 2496.159983                                                                                      | 2689.720023                   | Pass    | 0.0086      |
| -20              | 0.00001791                          | 0.00002476                           |                        |                      | 2496.159982                                                                                      | 2689.720025                   | Pass    | 0.0092      |
| -30              | 0.00001934                          | 0.00004077                           |                        |                      | 2496.159981                                                                                      | 2689.720041                   | Pass    | 0.0152      |
| Minimum voltage  | 0.00001293                          | 0.00003572                           |                        |                      | 2496.159987                                                                                      | 2689.720036                   | Pass    | 0.0133      |
| Maximum voltage  | 0.00001544                          | 0.00001797                           |                        |                      | 2496.159985                                                                                      | 2689.720018                   | Pass    | 0.0067      |
| Nominal voltage  | 0.00001638                          | 0.00002436                           |                        |                      | 2496.159984                                                                                      | 2689.720024                   | Pass    | 0.0091      |

Note: Nominal voltage= 3.8V, Maximum voltage= 4.35V, Minimum voltage= 3.5V.

|           |                   |
|-----------|-------------------|
| Test Mode | LTE Band 66_20MHz |
|-----------|-------------------|

| Temperature (°C) | Lowest channel Frequency error(MHz) | Highest channel Frequency error(MHz) | Reference point:-13dBm |                      | Frequency calculation value (MHz)<br>Limit:The resulting frequencies must remain within the band |                                  | Verdict | worst ppm   |
|------------------|-------------------------------------|--------------------------------------|------------------------|----------------------|--------------------------------------------------------------------------------------------------|----------------------------------|---------|-------------|
|                  |                                     |                                      | f <sub>L</sub> (MHz)   | f <sub>H</sub> (MHz) | Lowest channel<br>limit:1710MHz                                                                  | Highest channel<br>limit:1780MHz |         | Record only |
| 50               | 0.00000765                          | -0.00001855                          | 1710.20000             | 1779.68000           | 1710.199992                                                                                      | 1779.679981                      | Pass    | -0.0105     |
| 40               | 0.00000469                          | -0.00000552                          |                        |                      | 1710.199995                                                                                      | 1779.679994                      | Pass    | -0.0031     |
| 30               | 0.00000639                          | -0.00001247                          |                        |                      | 1710.199994                                                                                      | 1779.679988                      | Pass    | -0.0070     |
| 20               | 0.00000452                          | -0.00000758                          |                        |                      | 1710.199995                                                                                      | 1779.679992                      | Pass    | -0.0043     |
| 10               | 0.0000075                           | -0.00000863                          |                        |                      | 1710.199993                                                                                      | 1779.679991                      | Pass    | -0.0049     |
| 0                | 0.00000559                          | -0.00000954                          |                        |                      | 1710.199994                                                                                      | 1779.679990                      | Pass    | -0.0054     |
| -10              | 0.00000758                          | -0.00001265                          |                        |                      | 1710.199992                                                                                      | 1779.679987                      | Pass    | -0.0071     |
| -20              | 0.00000579                          | -0.00001362                          |                        |                      | 1710.199994                                                                                      | 1779.679986                      | Pass    | -0.0077     |
| -30              | 0.00000671                          | -0.00001532                          |                        |                      | 1710.199993                                                                                      | 1779.679985                      | Pass    | -0.0087     |
| Minimum voltage  | 0.00000451                          | -0.00001212                          |                        |                      | 1710.199995                                                                                      | 1779.679988                      | Pass    | -0.0068     |
| Maximum voltage  | 0.00000685                          | -0.00000825                          |                        |                      | 1710.199993                                                                                      | 1779.679992                      | Pass    | -0.0047     |
| Nominal voltage  | 0.00000725                          | -0.00000763                          |                        |                      | 1710.199993                                                                                      | 1779.679992                      | Pass    | -0.0043     |

Note: Nominal voltage= 3.8V, Maximum voltage= 4.35V, Minimum voltage= 3.5V.

|           |                   |
|-----------|-------------------|
| Test Mode | LTE Band 71_20MHz |
|-----------|-------------------|

| Temperature (°C) | Lowest channel Frequency error(MHz) | Highest channel Frequency error(MHz) | Reference point:-13dBm |                      | Frequency calculation value (MHz)<br>Limit:The resulting frequencies must remain within the band |                              | Verdict | worst ppm   |
|------------------|-------------------------------------|--------------------------------------|------------------------|----------------------|--------------------------------------------------------------------------------------------------|------------------------------|---------|-------------|
|                  |                                     |                                      | f <sub>L</sub> (MHz)   | f <sub>H</sub> (MHz) | Lowest channel limit:663MHz                                                                      | Highest channel limit:698MHz |         | Record only |
| 50               | -0.00000286                         | 0.00000346                           | 663.1<br>60000         | 697.7<br>20000       | 663.160003                                                                                       | 697.720003                   | Pass    | 0.0050      |
| 40               | 0.00000332                          | -0.00000418                          |                        |                      | 663.159997                                                                                       | 697.719996                   | Pass    | -0.0061     |
| 30               | -0.00000412                         | -0.00000422                          |                        |                      | 663.160004                                                                                       | 697.719996                   | Pass    | -0.0061     |
| 20               | -0.00000468                         | -0.00000205                          |                        |                      | 663.160005                                                                                       | 697.719998                   | Pass    | -0.0070     |
| 10               | -0.00000621                         | -0.00000342                          |                        |                      | 663.160006                                                                                       | 697.719997                   | Pass    | -0.0092     |
| 0                | -0.00000303                         | -0.00000569                          |                        |                      | 663.160003                                                                                       | 697.719994                   | Pass    | -0.0083     |
| -10              | -0.00000438                         | -0.00000325                          |                        |                      | 663.160004                                                                                       | 697.719997                   | Pass    | -0.0065     |
| -20              | -0.00000293                         | -0.00000393                          |                        |                      | 663.160003                                                                                       | 697.719996                   | Pass    | -0.0057     |
| -30              | -0.00000495                         | -0.00000419                          |                        |                      | 663.160005                                                                                       | 697.719996                   | Pass    | -0.0074     |
| Minimum voltage  | -0.00000325                         | -0.00000381                          |                        |                      | 663.160003                                                                                       | 697.719996                   | Pass    | -0.0055     |
| Maximum voltage  | -0.00000418                         | -0.00000405                          |                        |                      | 663.160004                                                                                       | 697.719996                   | Pass    | -0.0062     |
| Nominal voltage  | -0.00000431                         | -0.00000682                          |                        |                      | 663.160004                                                                                       | 697.719993                   | Pass    | -0.0099     |

Note: Nominal voltage= 3.8V, Maximum voltage= 4.35V, Minimum voltage= 3.5V.

End of Test Report