SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301
Page: 1 of 105

## Appendix B

## E-UTRA Band 66

 SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen BranchReport No.: SZEM1701001122301
Page: 2 of 105

## CONTENT

Page
1 EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA .....  3
2 PEAK-TO-AVERAGE RATIO ..... 21
2.1 FORLTE ..... 22
2.1.1 Test Band $=$ LTE band66 ..... 22
3 MODULATION CHARACTERISTICS ..... 27
3.1 FORLTE ..... 27
3.1. Test Band $=$ LTE band66. ..... 27
4 BANDWIDTH ..... 29
4.1 FOR LTE ..... 31
4.1. Test Band $=$ LTE band66. ..... 31
5 BAND EDGES COMPLIANCE ..... 58
5.1 FORLTE ..... 58
5.1.1 Test Band $=$ LTE band66 ..... 58
6 SPURIOUS EMISSION AT ANTENNA TERMINAL ..... 95
6.1 FORLTE ..... 95
6.1.1 Test Band $=$ LTE band66 ..... 95
7 FIELD STRENGTH OF SPURIOUS RADIATION ..... 100
7.1 FOR LTE ..... 100
7.1.1 Test Band $=L T E$ band66 ..... 100
8 FREQUENCY STABILITY ..... 102
8.1 Frequency Error vS. Voltage ..... 102
8.2 Frequency Error VS. Temperature ..... 103

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301
Page: 3 of 105

## 1 Effective (Isotropic) Radiated Power Output Data

Effective Isotropic Radiated Power of Transmitter (EIRP) for LTE BAND 66

| $\begin{gathered} \text { Test } \\ \text { Band(LTE) } \end{gathered}$ | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BAND66 | LTE/TM1 | 1.4M | LCH | RB1\#0 | 23.66 | 22.63 | 30.00 | PASS |
|  |  |  |  | RB1\#2 | 23.42 | 22.39 | 30.00 | PASS |
|  |  |  |  | RB1\#5 | 23.72 | 22.69 | 30.00 | PASS |
|  |  |  |  | RB3\#0 | 23.97 | 22.94 | 30.00 | PASS |
|  |  |  |  | RB3\#2 | 24.07 | 23.04 | 30.00 | PASS |
|  |  |  |  | RB3\#3 | 23.82 | 22.79 | 30.00 | PASS |
|  |  |  |  | RB6\#0 | 21.57 | 20.54 | 30.00 | PASS |
|  |  |  | MCH | RB1\#0 | 24.18 | 23.15 | 30.00 | PASS |
|  |  |  |  | RB1\#2 | 24.42 | 23.39 | 30.00 | PASS |
|  |  |  |  | RB1\#5 | 24.20 | 23.17 | 30.00 | PASS |
|  |  |  |  | RB3\#0 | 23.94 | 22.91 | 30.00 | PASS |
|  |  |  |  | RB3\#2 | 22.35 | 21.32 | 30.00 | PASS |
|  |  |  |  | RB3\#3 | 23.78 | 22.75 | 30.00 | PASS |
|  |  |  |  | RB6\#0 | 21.74 | 20.71 | 30.00 | PASS |
|  |  |  | HCH | RB1\#0 | 23.95 | 22.92 | 30.00 | PASS |
|  |  |  |  | RB1\#2 | 23.61 | 22.58 | 30.00 | PASS |
|  |  |  |  | RB1\#5 | 23.77 | 22.74 | 30.00 | PASS |
|  |  |  |  | RB3\#0 | 23.69 | 22.66 | 30.00 | PASS |
|  |  |  |  | RB3\#2 | 23.49 | 22.46 | 30.00 | PASS |
|  |  |  |  | RB3\#3 | 23.61 | 22.58 | 30.00 | PASS |
|  |  |  |  | RB6\#0 | 21.75 | 20.72 | 30.00 | PASS |

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301 Page: 4 of 105

| Test <br> Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | $\begin{aligned} & \text { EIRP } \\ & (\mathrm{dBm}) \end{aligned}$ | $\begin{gathered} \text { limit } \\ (\mathrm{dBm}) \end{gathered}$ | Verdict |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BAND66 | LTE/TM2 | 1.4M | LCH | RB1\#0 | 22.05 | 21.02 | 30.00 | PASS |
|  |  |  |  | RB1\#2 | 22.38 | 21.35 | 30.00 | PASS |
|  |  |  |  | RB1\#5 | 22.03 | 21.00 | 30.00 | PASS |
|  |  |  |  | RB3\#0 | 21.95 | 20.92 | 30.00 | PASS |
|  |  |  |  | RB3\#2 | 22.36 | 21.33 | 30.00 | PASS |
|  |  |  |  | RB3\#3 | 22.01 | 20.98 | 30.00 | PASS |
|  |  |  |  | RB6\#0 | 21.24 | 20.21 | 30.00 | PASS |
|  |  |  | MCH | RB1\#0 | 22.39 | 21.36 | 30.00 | PASS |
|  |  |  |  | RB1\#2 | 22.5 | 21.47 | 30.00 | PASS |
|  |  |  |  | RB1\#5 | 22.27 | 21.24 | 30.00 | PASS |
|  |  |  |  | RB3\#0 | 22.36 | 21.33 | 30.00 | PASS |
|  |  |  |  | RB3\#2 | 22.09 | 21.06 | 30.00 | PASS |
|  |  |  |  | RB3\#3 | 22.15 | 21.12 | 30.00 | PASS |
|  |  |  |  | RB6\#0 | 21.19 | 20.16 | 30.00 | PASS |
|  |  |  | HCH | RB1\#0 | 22.30 | 21.27 | 30.00 | PASS |
|  |  |  |  | RB1\#2 | 22.25 | 21.22 | 30.00 | PASS |
|  |  |  |  | RB1\#5 | 22.14 | 21.11 | 30.00 | PASS |
|  |  |  |  | RB3\#0 | 21.97 | 20.94 | 30.00 | PASS |
|  |  |  |  | RB3\#2 | 21.70 | 20.67 | 30.00 | PASS |
|  |  |  |  | RB3\#3 | 22.07 | 21.04 | 30.00 | PASS |
|  |  |  |  | RB6\#0 | 20.55 | 19.52 | 30.00 | PASS |

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301
Page: 5 of 105

| Test <br> Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | $\begin{aligned} & \text { EIRP } \\ & (\mathrm{dBm}) \end{aligned}$ | $\begin{gathered} \text { limit } \\ (\mathrm{dBm}) \end{gathered}$ | Verdict |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BAND66 | LTE/TM3 | 1.4M | LCH | RB1\#0 | 21.36 | 20.33 | 30.00 | PASS |
|  |  |  |  | RB1\#2 | 21.39 | 20.36 | 30.00 | PASS |
|  |  |  |  | RB1\#5 | 21.15 | 20.12 | 30.00 | PASS |
|  |  |  |  | RB3\#0 | 22.08 | 21.05 | 30.00 | PASS |
|  |  |  |  | RB3\#2 | 22.41 | 21.38 | 30.00 | PASS |
|  |  |  |  | RB3\#3 | 22.17 | 21.14 | 30.00 | PASS |
|  |  |  |  | RB6\#0 | 20.15 | 19.12 | 30.00 | PASS |
|  |  |  | MCH | RB1\#0 | 21.19 | 20.16 | 30.00 | PASS |
|  |  |  |  | RB1\#2 | 21.37 | 20.34 | 30.00 | PASS |
|  |  |  |  | RB1\#5 | 21.18 | 20.15 | 30.00 | PASS |
|  |  |  |  | RB3\#0 | 21.2 | 20.17 | 30.00 | PASS |
|  |  |  |  | RB3\#2 | 22.26 | 21.23 | 30.00 | PASS |
|  |  |  |  | RB3\#3 | 21.26 | 20.23 | 30.00 | PASS |
|  |  |  |  | RB6\#0 | 20.14 | 19.11 | 30.00 | PASS |
|  |  |  | HCH | RB1\#0 | 21.17 | 20.14 | 30.00 | PASS |
|  |  |  |  | RB1\#2 | 21.31 | 20.28 | 30.00 | PASS |
|  |  |  |  | RB1\#5 | 21.07 | 20.04 | 30.00 | PASS |
|  |  |  |  | RB3\#0 | 21.02 | 19.99 | 30.00 | PASS |
|  |  |  |  | RB3\#2 | 21.04 | 20.01 | 30.00 | PASS |
|  |  |  |  | RB3\#3 | 20.97 | 19.94 | 30.00 | PASS |
|  |  |  |  | RB6\#0 | 19.77 | 18.74 | 30.00 | PASS |

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301 Page: 6 of 105

| Test <br> Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | $\begin{aligned} & \text { EIRP } \\ & (\mathrm{dBm}) \end{aligned}$ | $\begin{gathered} \text { limit } \\ (\mathrm{dBm}) \end{gathered}$ | Verdict |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BAND66 | LTE/TM1 | 3M | LCH | RB1\#0 | 23.81 | 22.78 | 30.00 | PASS |
|  |  |  |  | RB1\#7 | 24.10 | 23.07 | 30.00 | PASS |
|  |  |  |  | RB1\#14 | 23.73 | 22.7 | 30.00 | PASS |
|  |  |  |  | RB8\#0 | 21.44 | 20.41 | 30.00 | PASS |
|  |  |  |  | RB8\#4 | 21.66 | 20.63 | 30.00 | PASS |
|  |  |  |  | RB8\#7 | 21.55 | 20.52 | 30.00 | PASS |
|  |  |  |  | RB15\#0 | 21.56 | 20.53 | 30.00 | PASS |
|  |  |  | MCH | RB1\#0 | 24.08 | 23.05 | 30.00 | PASS |
|  |  |  |  | RB1\#7 | 23.85 | 22.82 | 30.00 | PASS |
|  |  |  |  | RB1\#14 | 23.64 | 22.61 | 30.00 | PASS |
|  |  |  |  | RB8\#0 | 21.75 | 20.72 | 30.00 | PASS |
|  |  |  |  | RB8\#4 | 21.66 | 20.63 | 30.00 | PASS |
|  |  |  |  | RB8\#7 | 21.70 | 20.67 | 30.00 | PASS |
|  |  |  |  | RB15\#0 | 21.89 | 20.86 | 30.00 | PASS |
|  |  |  | HCH | RB1\#0 | 23.71 | 22.68 | 30.00 | PASS |
|  |  |  |  | RB1\#7 | 23.54 | 22.51 | 30.00 | PASS |
|  |  |  |  | RB1\#14 | 23.60 | 22.57 | 30.00 | PASS |
|  |  |  |  | RB8\#0 | 21.35 | 20.32 | 30.00 | PASS |
|  |  |  |  | RB8\#4 | 21.44 | 20.41 | 30.00 | PASS |
|  |  |  |  | RB8\#7 | 21.56 | 20.53 | 30.00 | PASS |
|  |  |  |  | RB15\#0 | 21.63 | 20.60 | 30.00 | PASS |

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301
Page: 7 of 105

| Test <br> Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | $\begin{aligned} & \text { EIRP } \\ & (\mathrm{dBm}) \end{aligned}$ | $\begin{gathered} \text { limit } \\ (\mathrm{dBm}) \end{gathered}$ | Verdict |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BAND66 | LTE/TM2 | 3M | LCH | RB1\#0 | 22.14 | 21.11 | 30.00 | PASS |
|  |  |  |  | RB1\#7 | 22.02 | 20.99 | 30.00 | PASS |
|  |  |  |  | RB1\#14 | 22.21 | 21.18 | 30.00 | PASS |
|  |  |  |  | RB8\#0 | 20.94 | 19.91 | 30.00 | PASS |
|  |  |  |  | RB8\#4 | 21.03 | 20.00 | 30.00 | PASS |
|  |  |  |  | RB8\#7 | 20.89 | 19.86 | 30.00 | PASS |
|  |  |  |  | RB15\#0 | 20.82 | 19.79 | 30.00 | PASS |
|  |  |  | MCH | RB1\#0 | 22.26 | 21.23 | 30.00 | PASS |
|  |  |  |  | RB1\#7 | 22.07 | 21.04 | 30.00 | PASS |
|  |  |  |  | RB1\#14 | 22.02 | 20.99 | 30.00 | PASS |
|  |  |  |  | RB8\#0 | 21.03 | 20.00 | 30.00 | PASS |
|  |  |  |  | RB8\#4 | 21.09 | 20.06 | 30.00 | PASS |
|  |  |  |  | RB8\#7 | 20.79 | 19.76 | 30.00 | PASS |
|  |  |  |  | RB15\#0 | 20.83 | 19.8 | 30.00 | PASS |
|  |  |  | HCH | RB1\#0 | 22.04 | 21.01 | 30.00 | PASS |
|  |  |  |  | RB1\#7 | 22.02 | 20.99 | 30.00 | PASS |
|  |  |  |  | RB1\#14 | 22.03 | 21.00 | 30.00 | PASS |
|  |  |  |  | RB8\#0 | 20.84 | 19.81 | 30.00 | PASS |
|  |  |  |  | RB8\#4 | 20.77 | 19.74 | 30.00 | PASS |
|  |  |  |  | RB8\#7 | 20.67 | 19.64 | 30.00 | PASS |
|  |  |  |  | RB15\#0 | 20.86 | 19.83 | 30.00 | PASS |

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301
Page: 8 of 105

| Test <br> Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | $\begin{aligned} & \text { EIRP } \\ & (\mathrm{dBm}) \end{aligned}$ | $\begin{gathered} \text { limit } \\ (\mathrm{dBm}) \end{gathered}$ | Verdict |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BAND66 | LTE/TM3 | 3M | LCH | RB1\#0 | 21.18 | 20.15 | 30.00 | PASS |
|  |  |  |  | RB1\#7 | 21.25 | 20.22 | 30.00 | PASS |
|  |  |  |  | RB1\#14 | 21.27 | 20.24 | 30.00 | PASS |
|  |  |  |  | RB8\#0 | 20.20 | 19.17 | 30.00 | PASS |
|  |  |  |  | RB8\#4 | 20.07 | 19.04 | 30.00 | PASS |
|  |  |  |  | RB8\#7 | 20.08 | 19.05 | 30.00 | PASS |
|  |  |  |  | RB15\#0 | 20.03 | 19.00 | 30.00 | PASS |
|  |  |  | MCH | RB1\#0 | 21.40 | 20.37 | 30.00 | PASS |
|  |  |  |  | RB1\#7 | 21.27 | 20.24 | 30.00 | PASS |
|  |  |  |  | RB1\#14 | 21.35 | 20.32 | 30.00 | PASS |
|  |  |  |  | RB8\#0 | 20.00 | 18.97 | 30.00 | PASS |
|  |  |  |  | RB8\#4 | 20.08 | 19.05 | 30.00 | PASS |
|  |  |  |  | RB8\#7 | 20.03 | 19.00 | 30.00 | PASS |
|  |  |  |  | RB15\#0 | 20.01 | 18.98 | 30.00 | PASS |
|  |  |  | HCH | RB1\#0 | 20.82 | 19.79 | 30.00 | PASS |
|  |  |  |  | RB1\#7 | 20.63 | 19.60 | 30.00 | PASS |
|  |  |  |  | RB1\#14 | 20.92 | 19.89 | 30.00 | PASS |
|  |  |  |  | RB8\#0 | 19.71 | 18.68 | 30.00 | PASS |
|  |  |  |  | RB8\#4 | 20.10 | 19.07 | 30.00 | PASS |
|  |  |  |  | RB8\#7 | 19.64 | 18.61 | 30.00 | PASS |
|  |  |  |  | RB15\#0 | 19.96 | 18.93 | 30.00 | PASS |

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301
Page: $\quad 9$ of 105

| Test <br> Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | $\begin{aligned} & \text { EIRP } \\ & \text { (dBm) } \end{aligned}$ | $\begin{gathered} \text { limit } \\ (\mathrm{dBm}) \end{gathered}$ | Verdict |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BAND66 | LTE/TM1 | 5M | LCH | RB1\#0 | 23.97 | 22.94 | 30.00 | PASS |
|  |  |  |  | RB1\#13 | 23.72 | 22.69 | 30.00 | PASS |
|  |  |  |  | RB1\#24 | 23.79 | 22.76 | 30.00 | PASS |
|  |  |  |  | RB12\#0 | 21.47 | 20.44 | 30.00 | PASS |
|  |  |  |  | RB12\#6 | 21.59 | 20.56 | 30.00 | PASS |
|  |  |  |  | RB12\#13 | 21.61 | 20.58 | 30.00 | PASS |
|  |  |  |  | RB25\#0 | 21.83 | 20.8 | 30.00 | PASS |
|  |  |  | MCH | RB1\#0 | 23.95 | 22.92 | 30.00 | PASS |
|  |  |  |  | RB1\#13 | 23.85 | 22.82 | 30.00 | PASS |
|  |  |  |  | RB1\#24 | 23.74 | 22.71 | 30.00 | PASS |
|  |  |  |  | RB12\#0 | 21.61 | 20.58 | 30.00 | PASS |
|  |  |  |  | RB12\#6 | 21.69 | 20.66 | 30.00 | PASS |
|  |  |  |  | RB12\#13 | 21.63 | 20.6 | 30.00 | PASS |
|  |  |  |  | RB25\#0 | 21.89 | 20.86 | 30.00 | PASS |
|  |  |  | HCH | RB1\#0 | 23.47 | 22.44 | 30.00 | PASS |
|  |  |  |  | RB1\#13 | 23.44 | 22.41 | 30.00 | PASS |
|  |  |  |  | RB1\#24 | 23.35 | 22.32 | 30.00 | PASS |
|  |  |  |  | RB12\#0 | 21.29 | 20.26 | 30.00 | PASS |
|  |  |  |  | RB12\#6 | 21.34 | 20.31 | 30.00 | PASS |
|  |  |  |  | RB12\#13 | 21.39 | 20.36 | 30.00 | PASS |
|  |  |  |  | RB25\#0 | 21.37 | 20.34 | 30.00 | PASS |

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301 Page: 10 of 105

| Test <br> Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | $\begin{aligned} & \text { EIRP } \\ & (\mathrm{dBm}) \end{aligned}$ | $\begin{gathered} \text { limit } \\ (\mathrm{dBm}) \end{gathered}$ | Verdict |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BAND66 | LTE/TM2 | 5M | LCH | RB1\#0 | 22.20 | 21.17 | 30.00 | PASS |
|  |  |  |  | RB1\#13 | 22.24 | 21.21 | 30.00 | PASS |
|  |  |  |  | RB1\#24 | 22.01 | 20.98 | 30.00 | PASS |
|  |  |  |  | RB12\#0 | 20.87 | 19.84 | 30.00 | PASS |
|  |  |  |  | RB12\#6 | 20.74 | 19.71 | 30.00 | PASS |
|  |  |  |  | RB12\#13 | 20.83 | 19.8 | 30.00 | PASS |
|  |  |  |  | RB25\#0 | 20.93 | 19.9 | 30.00 | PASS |
|  |  |  | MCH | RB1\#0 | 21.99 | 20.96 | 30.00 | PASS |
|  |  |  |  | RB1\#13 | 21.91 | 20.88 | 30.00 | PASS |
|  |  |  |  | RB1\#24 | 21.84 | 20.81 | 30.00 | PASS |
|  |  |  |  | RB12\#0 | 20.87 | 19.84 | 30.00 | PASS |
|  |  |  |  | RB12\#6 | 20.94 | 19.91 | 30.00 | PASS |
|  |  |  |  | RB12\#13 | 20.85 | 19.82 | 30.00 | PASS |
|  |  |  |  | RB25\#0 | 20.91 | 19.88 | 30.00 | PASS |
|  |  |  | HCH | RB1\#0 | 21.67 | 20.64 | 30.00 | PASS |
|  |  |  |  | RB1\#13 | 21.73 | 20.7 | 30.00 | PASS |
|  |  |  |  | RB1\#24 | 21.71 | 20.68 | 30.00 | PASS |
|  |  |  |  | RB12\#0 | 20.54 | 19.51 | 30.00 | PASS |
|  |  |  |  | RB12\#6 | 20.49 | 19.46 | 30.00 | PASS |
|  |  |  |  | RB12\#13 | 20.58 | 19.55 | 30.00 | PASS |
|  |  |  |  | RB25\#0 | 20.57 | 19.54 | 30.00 | PASS |

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301
Page: 11 of 105

| Test <br> Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | $\begin{aligned} & \text { EIRP } \\ & (\mathrm{dBm}) \end{aligned}$ | $\begin{gathered} \text { limit } \\ (\mathrm{dBm}) \end{gathered}$ | Verdict |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BAND66 | LTE/TM3 | 5M | LCH | RB1\#0 | 20.99 | 19.96 | 30.00 | PASS |
|  |  |  |  | RB1\#13 | 21.14 | 20.11 | 30.00 | PASS |
|  |  |  |  | RB1\#24 | 21.04 | 20.01 | 30.00 | PASS |
|  |  |  |  | RB12\#0 | 19.89 | 18.86 | 30.00 | PASS |
|  |  |  |  | RB12\#6 | 20.03 | 19 | 30.00 | PASS |
|  |  |  |  | RB12\#13 | 20.01 | 18.98 | 30.00 | PASS |
|  |  |  |  | RB25\#0 | 19.89 | 18.86 | 30.00 | PASS |
|  |  |  | MCH | RB1\#0 | 21.58 | 20.55 | 30.00 | PASS |
|  |  |  |  | RB1\#13 | 21.27 | 20.24 | 30.00 | PASS |
|  |  |  |  | RB1\#24 | 21.25 | 20.22 | 30.00 | PASS |
|  |  |  |  | RB12\#0 | 20.07 | 19.04 | 30.00 | PASS |
|  |  |  |  | RB12\#6 | 19.92 | 18.89 | 30.00 | PASS |
|  |  |  |  | RB12\#13 | 19.94 | 18.91 | 30.00 | PASS |
|  |  |  |  | RB25\#0 | 19.96 | 18.93 | 30.00 | PASS |
|  |  |  | HCH | RB1\#0 | 21.07 | 20.04 | 30.00 | PASS |
|  |  |  |  | RB1\#13 | 20.72 | 19.69 | 30.00 | PASS |
|  |  |  |  | RB1\#24 | 20.94 | 19.91 | 30.00 | PASS |
|  |  |  |  | RB12\#0 | 19.9 | 18.87 | 30.00 | PASS |
|  |  |  |  | RB12\#6 | 19.72 | 18.69 | 30.00 | PASS |
|  |  |  |  | RB12\#13 | 19.91 | 18.88 | 30.00 | PASS |
|  |  |  |  | RB25\#0 | 19.81 | 18.78 | 30.00 | PASS |

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301 Page: 12 of 105

| Test <br> Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | $\begin{aligned} & \text { EIRP } \\ & (\mathrm{dBm}) \end{aligned}$ | $\begin{gathered} \text { limit } \\ (\mathrm{dBm}) \end{gathered}$ | Verdict |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BAND66 | LTE/TM1 | 10M | LCH | RB1\#0 | 24.35 | 23.32 | 30.00 | PASS |
|  |  |  |  | RB1\#25 | 24.38 | 23.35 | 30.00 | PASS |
|  |  |  |  | RB1\#49 | 24.42 | 23.39 | 30.00 | PASS |
|  |  |  |  | RB25\#0 | 22.05 | 21.02 | 30.00 | PASS |
|  |  |  |  | RB25\#13 | 22.07 | 21.04 | 30.00 | PASS |
|  |  |  |  | RB25\#25 | 22.13 | 21.1 | 30.00 | PASS |
|  |  |  |  | RB50\#0 | 22.04 | 21.01 | 30.00 | PASS |
|  |  |  | MCH | RB1\#0 | 24.19 | 23.16 | 30.00 | PASS |
|  |  |  |  | RB1\#25 | 23.87 | 22.84 | 30.00 | PASS |
|  |  |  |  | RB1\#49 | 24.05 | 23.02 | 30.00 | PASS |
|  |  |  |  | RB25\#0 | 21.67 | 20.64 | 30.00 | PASS |
|  |  |  |  | RB25\#13 | 21.97 | 20.94 | 30.00 | PASS |
|  |  |  |  | RB25\#25 | 21.83 | 20.8 | 30.00 | PASS |
|  |  |  |  | RB50\#0 | 21.82 | 20.79 | 30.00 | PASS |
|  |  |  | HCH | RB1\#0 | 24.22 | 23.19 | 30.00 | PASS |
|  |  |  |  | RB1\#25 | 24.10 | 23.07 | 30.00 | PASS |
|  |  |  |  | RB1\#49 | 23.77 | 22.74 | 30.00 | PASS |
|  |  |  |  | RB25\#0 | 21.64 | 20.61 | 30.00 | PASS |
|  |  |  |  | RB25\#13 | 21.72 | 20.69 | 30.00 | PASS |
|  |  |  |  | RB25\#25 | 21.86 | 20.83 | 30.00 | PASS |
|  |  |  |  | RB50\#0 | 21.75 | 20.72 | 30.00 | PASS |

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301 Page: 13 of 105

| Test <br> Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | $\begin{aligned} & \text { EIRP } \\ & (\mathrm{dBm}) \end{aligned}$ | $\begin{gathered} \text { limit } \\ (\mathrm{dBm}) \end{gathered}$ | Verdict |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BAND66 | LTE/TM2 | 10M | LCH | RB1\#0 | 22.39 | 21.36 | 30.00 | PASS |
|  |  |  |  | RB1\#25 | $22 . .36$ | 21.33 | 30.00 | PASS |
|  |  |  |  | RB1\#49 | 22.66 | 21.63 | 30.00 | PASS |
|  |  |  |  | RB25\#0 | 21.24 | 20.21 | 30.00 | PASS |
|  |  |  |  | RB25\#13 | 21.28 | 20.25 | 30.00 | PASS |
|  |  |  |  | RB25\#25 | 21.38 | 20.35 | 30.00 | PASS |
|  |  |  |  | RB50\#0 | 21.13 | 20.1 | 30.00 | PASS |
|  |  |  | MCH | RB1\#0 | 22.47 | 21.44 | 30.00 | PASS |
|  |  |  |  | RB1\#25 | 21.89 | 20.86 | 30.00 | PASS |
|  |  |  |  | RB1\#49 | 22.54 | 21.51 | 30.00 | PASS |
|  |  |  |  | RB25\#0 | 21.13 | 20.1 | 30.00 | PASS |
|  |  |  |  | RB25\#13 | 21.11 | 20.08 | 30.00 | PASS |
|  |  |  |  | RB25\#25 | 21.07 | 20.04 | 30.00 | PASS |
|  |  |  |  | RB50\#0 | 21.07 | 20.04 | 30.00 | PASS |
|  |  |  | HCH | RB1\#0 | 22.23 | 21.2 | 30.00 | PASS |
|  |  |  |  | RB1\#25 | 22.12 | 21.09 | 30.00 | PASS |
|  |  |  |  | RB1\#49 | 22.15 | 21.12 | 30.00 | PASS |
|  |  |  |  | RB25\#0 | 20.97 | 19.94 | 30.00 | PASS |
|  |  |  |  | RB25\#13 | 20.97 | 19.94 | 30.00 | PASS |
|  |  |  |  | RB25\#25 | 20.95 | 19.92 | 30.00 | PASS |
|  |  |  |  | RB50\#0 | 20.99 | 19.96 | 30.00 | PASS |

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301 Page: 14 of 105

| Test <br> Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | $\begin{aligned} & \text { EIRP } \\ & (\mathrm{dBm}) \end{aligned}$ | $\begin{gathered} \text { limit } \\ (\mathrm{dBm}) \end{gathered}$ | Verdict |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BAND66 | LTE/TM3 | 10M | LCH | RB1\#0 | 21.30 | 20.27 | 30.00 | PASS |
|  |  |  |  | RB1\#25 | 21.27 | 20.24 | 30.00 | PASS |
|  |  |  |  | RB1\#49 | 21.64 | 20.61 | 30.00 | PASS |
|  |  |  |  | RB25\#0 | 20.12 | 19.09 | 30.00 | PASS |
|  |  |  |  | RB25\#13 | 20.17 | 19.14 | 30.00 | PASS |
|  |  |  |  | RB25\#25 | 20.18 | 19.15 | 30.00 | PASS |
|  |  |  |  | RB50\#0 | 20.17 | 19.14 | 30.00 | PASS |
|  |  |  | MCH | RB1\#0 | 21.54 | 20.51 | 30.00 | PASS |
|  |  |  |  | RB1\#25 | 21.25 | 20.22 | 30.00 | PASS |
|  |  |  |  | RB1\#49 | 21.59 | 20.56 | 30.00 | PASS |
|  |  |  |  | RB25\#0 | 20.07 | 19.04 | 30.00 | PASS |
|  |  |  |  | RB25\#13 | 20.24 | 19.21 | 30.00 | PASS |
|  |  |  |  | RB25\#25 | 20.06 | 19.03 | 30.00 | PASS |
|  |  |  |  | RB50\#0 | 20.11 | 19.08 | 30.00 | PASS |
|  |  |  | HCH | RB1\#0 | 21.77 | 20.74 | 30.00 | PASS |
|  |  |  |  | RB1\#25 | 20.84 | 19.81 | 30.00 | PASS |
|  |  |  |  | RB1\#49 | 21.09 | 20.06 | 30.00 | PASS |
|  |  |  |  | RB25\#0 | 19.97 | 18.94 | 30.00 | PASS |
|  |  |  |  | RB25\#13 | 19.98 | 18.95 | 30.00 | PASS |
|  |  |  |  | RB25\#25 | 20.02 | 18.99 | 30.00 | PASS |
|  |  |  |  | RB50\#0 | 20.01 | 18.98 | 30.00 | PASS |

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301 Page: 15 of 105

| Test <br> Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | $\begin{aligned} & \text { EIRP } \\ & (\mathrm{dBm}) \end{aligned}$ | $\begin{gathered} \text { limit } \\ (\mathrm{dBm}) \end{gathered}$ | Verdict |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BAND66 | LTE/TM1 | 15M | LCH | RB1\#0 | 23.63 | 22.6 | 30.00 | PASS |
|  |  |  |  | RB1\#38 | 22.56 | 21.53 | 30.00 | PASS |
|  |  |  |  | RB1\#74 | 22.48 | 21.45 | 30.00 | PASS |
|  |  |  |  | RB36\#0 | 22.01 | 20.98 | 30.00 | PASS |
|  |  |  |  | RB36\#18 | 22.03 | 21 | 30.00 | PASS |
|  |  |  |  | RB36\#39 | 22.07 | 21.04 | 30.00 | PASS |
|  |  |  |  | RB75\#0 | 21.90 | 20.87 | 30.00 | PASS |
|  |  |  | MCH | RB1\#0 | 24.03 | 23.00 | 30.00 | PASS |
|  |  |  |  | RB1\#38 | 23.92 | 22.89 | 30.00 | PASS |
|  |  |  |  | RB1\#74 | 23.97 | 22.94 | 30.00 | PASS |
|  |  |  |  | RB36\#0 | 21.96 | 20.93 | 30.00 | PASS |
|  |  |  |  | RB36\#18 | 21.91 | 20.88 | 30.00 | PASS |
|  |  |  |  | RB36\#39 | 21.9 | 20.87 | 30.00 | PASS |
|  |  |  |  | RB75\#0 | 21.88 | 20.85 | 30.00 | PASS |
|  |  |  | HCH | RB1\#0 | 24.05 | 23.02 | 30.00 | PASS |
|  |  |  |  | RB1\#38 | 23.97 | 22.94 | 30.00 | PASS |
|  |  |  |  | RB1\#74 | 23.74 | 22.71 | 30.00 | PASS |
|  |  |  |  | RB36\#0 | 21.80 | 20.77 | 30.00 | PASS |
|  |  |  |  | RB36\#18 | 21.84 | 20.81 | 30.00 | PASS |
|  |  |  |  | RB36\#39 | 21.90 | 20.87 | 30.00 | PASS |
|  |  |  |  | RB75\#0 | 21.79 | 20.76 | 30.00 | PASS |

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301 Page: 16 of 105

| Test <br> Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | $\begin{aligned} & \text { EIRP } \\ & (\mathrm{dBm}) \end{aligned}$ | $\begin{gathered} \text { limit } \\ (\mathrm{dBm}) \end{gathered}$ | Verdict |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BAND66 | LTE/TM2 | 15M | LCH | RB1\#0 | 22.07 | 21.04 | 30.00 | PASS |
|  |  |  |  | RB1\#38 | 22.24 | 21.21 | 30.00 | PASS |
|  |  |  |  | RB1\#74 | 22.07 | 21.04 | 30.00 | PASS |
|  |  |  |  | RB36\#0 | 21.06 | 20.03 | 30.00 | PASS |
|  |  |  |  | RB36\#18 | 21.12 | 20.09 | 30.00 | PASS |
|  |  |  |  | RB36\#39 | 21.15 | 20.12 | 30.00 | PASS |
|  |  |  |  | RB75\#0 | 21.04 | 20.01 | 30.00 | PASS |
|  |  |  | MCH | RB1\#0 | 22.11 | 21.08 | 30.00 | PASS |
|  |  |  |  | RB1\#38 | 22.14 | 21.11 | 30.00 | PASS |
|  |  |  |  | RB1\#74 | 22.16 | 21.13 | 30.00 | PASS |
|  |  |  |  | RB36\#0 | 21.17 | 20.14 | 30.00 | PASS |
|  |  |  |  | RB36\#18 | 21.05 | 20.02 | 30.00 | PASS |
|  |  |  |  | RB36\#39 | 21.06 | 20.03 | 30.00 | PASS |
|  |  |  |  | RB75\#0 | 21.03 | 20 | 30.00 | PASS |
|  |  |  | HCH | RB1\#0 | 21.97 | 20.94 | 30.00 | PASS |
|  |  |  |  | RB1\#38 | 21.95 | 20.92 | 30.00 | PASS |
|  |  |  |  | RB1\#74 | 21.93 | 20.9 | 30.00 | PASS |
|  |  |  |  | RB36\#0 | 21.07 | 20.04 | 30.00 | PASS |
|  |  |  |  | RB36\#18 | 21.02 | 19.99 | 30.00 | PASS |
|  |  |  |  | RB36\#39 | 21.06 | 20.03 | 30.00 | PASS |
|  |  |  |  | RB75\#0 | 21.03 | 20.00 | 30.00 | PASS |

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301 Page: 17 of 105

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | $\begin{aligned} & \text { EIRP } \\ & (\mathrm{dBm}) \end{aligned}$ | $\begin{gathered} \operatorname{limit} \\ (\mathrm{dBm}) \end{gathered}$ | Verdict |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BAND66 | LTE/TM3 | 15M | LCH | RB1\#0 | 21.43 | 20.40 | 30.00 | PASS |
|  |  |  |  | RB1\#38 | 20.93 | 19.90 | 30.00 | PASS |
|  |  |  |  | RB1\#74 | 21.24 | 20.21 | 30.00 | PASS |
|  |  |  |  | RB36\#0 | 20.08 | 19.05 | 30.00 | PASS |
|  |  |  |  | RB36\#18 | 20.19 | 19.16 | 30.00 | PASS |
|  |  |  |  | RB36\#39 | 20.19 | 19.16 | 30.00 | PASS |
|  |  |  |  | RB75\#0 | 20.14 | 19.11 | 30.00 | PASS |
|  |  |  | MCH | RB1\#0 | 21.20 | 20.17 | 30.00 | PASS |
|  |  |  |  | RB1\#38 | 21.40 | 20.37 | 30.00 | PASS |
|  |  |  |  | RB1\#74 | 21.53 | 20.50 | 30.00 | PASS |
|  |  |  |  | RB36\#0 | 20.07 | 19.04 | 30.00 | PASS |
|  |  |  |  | RB36\#18 | 20.03 | 19.00 | 30.00 | PASS |
|  |  |  |  | RB36\#39 | 20.05 | 19.02 | 30.00 | PASS |
|  |  |  |  | RB75\#0 | 20.08 | 19.05 | 30.00 | PASS |
|  |  |  | HCH | RB1\#0 | 21.02 | 19.99 | 30.00 | PASS |
|  |  |  |  | RB1\#38 | 20.98 | 19.95 | 30.00 | PASS |
|  |  |  |  | RB1\#74 | 20.93 | 19.90 | 30.00 | PASS |
|  |  |  |  | RB36\#0 | 20.16 | 19.13 | 30.00 | PASS |
|  |  |  |  | RB36\#18 | 20.00 | 18.97 | 30.00 | PASS |
|  |  |  |  | RB36\#39 | 19.98 | 18.95 | 30.00 | PASS |
|  |  |  |  | RB75\#0 | 20.03 | 19.00 | 30.00 | PASS |

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301 Page: 18 of 105

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | $\begin{aligned} & \text { EIRP } \\ & (\mathrm{dBm}) \end{aligned}$ | $\begin{gathered} \operatorname{limit} \\ (\mathrm{dBm}) \end{gathered}$ | Verdict |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BAND66 | LTE/TM1 | 20M | LCH | RB1\#0 | 24.16 | 23.13 | 30.00 | PASS |
|  |  |  |  | RB1\#50 | 23.99 | 22.96 | 30.00 | PASS |
|  |  |  |  | RB1\#99 | 24.36 | 23.33 | 30.00 | PASS |
|  |  |  |  | RB50\#0 | 21.97 | 20.94 | 30.00 | PASS |
|  |  |  |  | RB50\#25 | 21.90 | 20.87 | 30.00 | PASS |
|  |  |  |  | RB50\#50 | 21.99 | 20.96 | 30.00 | PASS |
|  |  |  |  | RB100\#0 | 21.94 | 20.91 | 30.00 | PASS |
|  |  |  | MCH | RB1\#0 | 24.12 | 23.09 | 30.00 | PASS |
|  |  |  |  | RB1\#50 | 23.49 | 22.46 | 30.00 | PASS |
|  |  |  |  | RB1\#99 | 23.91 | 22.88 | 30.00 | PASS |
|  |  |  |  | RB50\#0 | 21.86 | 20.83 | 30.00 | PASS |
|  |  |  |  | RB50\#25 | 21.76 | 20.73 | 30.00 | PASS |
|  |  |  |  | RB50\#50 | 21.77 | 20.74 | 30.00 | PASS |
|  |  |  |  | RB100\#0 | 21.88 | 20.85 | 30.00 | PASS |
|  |  |  | HCH | RB1\#0 | 24.19 | 23.16 | 30.00 | PASS |
|  |  |  |  | RB1\#50 | 24.03 | 23.00 | 30.00 | PASS |
|  |  |  |  | RB1\#99 | 23.96 | 22.93 | 30.00 | PASS |
|  |  |  |  | RB50\#0 | 21.86 | 20.83 | 30.00 | PASS |
|  |  |  |  | RB50\#25 | 21.83 | 20.8 | 30.00 | PASS |
|  |  |  |  | RB50\#50 | 21.87 | 20.84 | 30.00 | PASS |
|  |  |  |  | RB100\#0 | 21.81 | 20.78 | 30.00 | PASS |

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301 Page: 19 of 105

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | $\begin{aligned} & \text { EIRP } \\ & \text { (dBm) } \end{aligned}$ | $\begin{gathered} \text { limit } \\ (\mathrm{dBm}) \end{gathered}$ | Verdict |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BAND66 | LTE/TM2 | 20M | LCH | RB1\#0 | 22.36 | 21.33 | 30.00 | PASS |
|  |  |  |  | RB1\#50 | 22.13 | 21.1 | 30.00 | PASS |
|  |  |  |  | RB1\#99 | 22.22 | 21.19 | 30.00 | PASS |
|  |  |  |  | RB50\#0 | 21.04 | 20.01 | 30.00 | PASS |
|  |  |  |  | RB50\#25 | 21.08 | 20.05 | 30.00 | PASS |
|  |  |  |  | RB50\#50 | 21.09 | 20.06 | 30.00 | PASS |
|  |  |  |  | RB100\#0 | 21.14 | 20.11 | 30.00 | PASS |
|  |  |  | MCH | RB1\#0 | 22.39 | 21.36 | 30.00 | PASS |
|  |  |  |  | RB1\#50 | 22.15 | 21.12 | 30.00 | PASS |
|  |  |  |  | RB1\#99 | 22.48 | 21.45 | 30.00 | PASS |
|  |  |  |  | RB50\#0 | 21.05 | 20.02 | 30.00 | PASS |
|  |  |  |  | RB50\#25 | 21.02 | 19.99 | 30.00 | PASS |
|  |  |  |  | RB50\#50 | 21.06 | 20.03 | 30.00 | PASS |
|  |  |  |  | RB100\#0 | 21.00 | 19.97 | 30.00 | PASS |
|  |  |  | HCH | RB1\#0 | 22.39 | 21.36 | 30.00 | PASS |
|  |  |  |  | RB1\#50 | 21.61 | 20.58 | 30.00 | PASS |
|  |  |  |  | RB1\#99 | 22.27 | 21.24 | 30.00 | PASS |
|  |  |  |  | RB50\#0 | 21.02 | 19.99 | 30.00 | PASS |
|  |  |  |  | RB50\#25 | 20.93 | 19.90 | 30.00 | PASS |
|  |  |  |  | RB50\#50 | 21.03 | 20.00 | 30.00 | PASS |
|  |  |  |  | RB100\#0 | 20.98 | 19.95 | 30.00 | PASS |

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301
Page: 20 of 105

|  | Test Mode | Test Bandwidth | Test channel | Test RB | $\begin{gathered} \text { Measured } \\ (\mathrm{dBm}) \end{gathered}$ | $\begin{aligned} & \text { EIRP } \\ & (\mathrm{dBm}) \end{aligned}$ | $\begin{gathered} \text { limit } \\ (\mathrm{dBm}) \\ \hline \end{gathered}$ | Verdict |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BAND66 | LTE/TM3 | 20M | LCH | RB1\#0 | 21.16 | 20.13 | 30.00 | PASS |
|  |  |  |  | RB1\#50 | 20.21 | 19.18 | 30.00 | PASS |
|  |  |  |  | RB1\#99 | 21.27 | 20.24 | 30.00 | PASS |
|  |  |  |  | RB50\#0 | 20.06 | 19.03 | 30.00 | PASS |
|  |  |  |  | RB50\#25 | 20.04 | 19.01 | 30.00 | PASS |
|  |  |  |  | RB50\#50 | 20.12 | 19.09 | 30.00 | PASS |
|  |  |  |  | RB100\#0 | 20.11 | 19.08 | 30.00 | PASS |
|  |  |  | MCH | RB1\#0 | 22.14 | 21.11 | 30.00 | PASS |
|  |  |  |  | RB1\#50 | 22.05 | 21.02 | 30.00 | PASS |
|  |  |  |  | RB1\#99 | 22.31 | 21.28 | 30.00 | PASS |
|  |  |  |  | RB50\#0 | 20.14 | 19.11 | 30.00 | PASS |
|  |  |  |  | RB50\#25 | 21.10 | 20.07 | 30.00 | PASS |
|  |  |  |  | RB50\#50 | 21.11 | 20.08 | 30.00 | PASS |
|  |  |  |  | RB100\#0 | 20.07 | 19.04 | 30.00 | PASS |
|  |  |  | HCH | RB1\#0 | 21.23 | 20.2 | 30.00 | PASS |
|  |  |  |  | RB1\#50 | 20.81 | 19.78 | 30.00 | PASS |
|  |  |  |  | RB1\#99 | 21.21 | 20.18 | 30.00 | PASS |
|  |  |  |  | RB50\#0 | 20.06 | 19.03 | 30.00 | PASS |
|  |  |  |  | RB50\#25 | 20.01 | 18.98 | 30.00 | PASS |
|  |  |  |  | RB50\#50 | 20.05 | 19.02 | 30.00 | PASS |
|  |  |  |  | RB100\#0 | 20.01 | 18.98 | 30.00 | PASS |

## Note:

a: For getting the EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

> EIRP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBi]
b: SGP=Signal Generator Level
c: RBW > emission bandwidth, VBW > $3 \times$ RBW.
Detector: RMS

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301
Page: 21 of 105

## 2 Peak-to-Average Ratio

## Part I-Test Results

| Test Band | Test Mode | Test Channel | Measured[dB] | Limit [dB] | Verdict |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Band 66 | TM1/20M | LCH | 4.75 | 13 | PASS |
|  |  | MCH | 5.19 | 13 | PASS |
|  |  | HCH | 5.07 | 13 | PASS |
|  | TM2/20M | LCH | 6.12 | 13 | PASS |
|  |  | MCH | 5.94 | 13 | PASS |
|  |  | HCH | 5.91 | 13 | PASS |
|  | TM3/20M | LCH | 6.49 | 13 | PASS |
|  |  | MCH | 6.29 | 13 | PASS |
|  |  | HCH | 6.14 | 13 | PASS |

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

## Part II - Test Plots

### 2.1 For LTE

### 2.1.1 Test Band = LTE band66

2.1.1.1 Test Mode $=$ LTE/TM1.Bandwidth $=20 \mathrm{MHz}$
2.1.1.1.1 Test Channel = LCH


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Report No.: SZEM1701001122301
Page: 23 of 105

### 2.1.1.1.2 Test Channel $=\mathrm{MCH}$



Date: 17.NOV 2017 14:40:28

### 2.1.1.1.3 Test Channel = HCH



Date: 17.NOV 2017 14:43:18

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301
Page: 24 of 105

### 2.1.1.2 Test Mode $=$ LTE/TM2.Bandwidth=20MHz

### 2.1.1.2.1 Test Channel = LCH



Date: 17.NOV. 2017 14:37:28
2.1.1.2.2 Test Channel = MCH


[^1]SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
2.1.1.2.3 Test Channel $=\mathbf{H C H}$


Date: 17.NOV. 2017 14:43:46

### 2.1.1.3 Test Mode $=$ LTE/TM3.Bandwidth=20MHz

2.1.1.3.1 Test Channel = LCH


[^2]SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
2.1.1.3.2 Test Channel $=\mathrm{MCH}$


Date: 1.DEC. 2017 09:35:44

### 2.1.1.3.3 Test Channel = HCH



[^3]Report No.: SZEM1701001122301
Page: 26 of 105


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301
Page: 27 of 105

## 3 Modulation Characteristics

## Part I-Test Plots

### 3.1 For LTE

### 3.1.1 Test Band = LTE band66

3.1.1.1 Test Mode $=$ LTE /TM1 20MHz
3.1.1.1.1 Test Channel = MCH
 SGS-CSTC Standards Technical Services Co., Ltd.
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### 3.1.1.2 Test Mode = LTE /TM2 20MHz

### 3.1.1.2.1 Test ChanneI = MCH



### 3.1.1.3 Test Mode $=$ LTE $/$ TM3 20MHz

### 3.1.1.3.1 Test Channel = MCH



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301
Page: 29 of 105

## 4 Bandwidth

Part I - Test Results

| Test Band | Test Mode | Test Channel | Occupied Bandwidth [MHz] | Emission Bandwidth [MHz] | Verdict |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Band 66 | TM1/1.4MHz | LCH | 1.10 | 1.24 | PASS |
|  |  | MCH | 1.10 | 1.23 | PASS |
|  |  | HCH | 1.10 | 1.24 | PASS |
|  | TM2/1.4MHz | LCH | 1.09 | 1.24 | PASS |
|  |  | MCH | 1.10 | 1.23 | PASS |
|  |  | HCH | 1.10 | 1.24 | PASS |
|  | TM3/1.4MHz | LCH | 1.10 | 1.24 | PASS |
|  |  | MCH | 1.10 | 1.23 | PASS |
|  |  | HCH | 1.10 | 1.24 | PASS |
|  | TM1/3MHz | LCH | 2.69 | 2.92 | PASS |
|  |  | MCH | 2.69 | 2.93 | PASS |
|  |  | HCH | 2.69 | 2.92 | PASS |
|  | TM2/3MHz | LCH | 2.69 | 2.91 | PASS |
|  |  | MCH | 2.69 | 2.94 | PASS |
|  |  | HCH | 2.69 | 2.93 | PASS |
|  | TM3/3MHz | LCH | 2.69 | 2.93 | PASS |
|  |  | MCH | 2.69 | 2.91 | PASS |
|  |  | HCH | 2.69 | 2.93 | PASS |
|  | TM1/5MHz | LCH | 4.48 | 4.89 | PASS |
|  |  | MCH | 4.48 | 4.87 | PASS |
|  |  | HCH | 4.48 | 4.88 | PASS |
|  | TM2/5MHz | LCH | 4.48 | 4.88 | PASS |
|  |  | MCH | 4.47 | 4.90 | PASS |
|  |  | HCH | 4.48 | 4.92 | PASS |
|  | TM3/5MHz | LCH | 4.48 | 4.86 | PASS |
|  |  | MCH | 4.48 | 4.88 | PASS |
|  |  | HCH | 4.48 | 4.88 | PASS |
|  | TM1/10MHz | LCH | 8.93 | 9.71 | PASS |
|  |  | MCH | 8.95 | 9.77 | PASS |
|  |  | HCH | 8.95 | 9.75 | PASS |
|  | TM2/10MHz | LCH | 8.93 | 9.67 | PASS |
|  |  | MCH | 8.95 | 9.67 | PASS |
|  |  | HCH | 8.95 | 9.75 | PASS |
|  | TM3/10MHz | LCH | 8.93 | 9.69 | PASS |
|  |  | MCH | 8.93 | 9.61 | PASS |
|  |  | HCH | 8.93 | 9.63 | PASS |

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301
Page: 30 of 105

| Test Band | Test Mode | Test Channel | Occupied Bandwidth [MHz] | Emission Bandwidth [MHz] | Verdict |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | TM1/15MHz | LCH | 13.52 | 14.93 | PASS |
|  |  | MCH | 13.52 | 15.05 | PASS |
|  |  | HCH | 13.49 | 14.93 | PASS |
|  | TM2/15MHz | LCH | 13.46 | 14.81 | PASS |
|  |  | MCH | 13.52 | 14.90 | PASS |
|  |  | HCH | 13.49 | 15.02 | PASS |
|  | TM3/15MHz | LCH | 13.46 | 14.84 | PASS |
|  |  | MCH | 13.52 | 14.90 | PASS |
|  |  | HCH | 13.49 | 14.72 | PASS |
|  | TM1/20MHz | LCH | 17.90 | 19.46 | PASS |
|  |  | MCH | 17.98 | 19.66 | PASS |
|  |  | HCH | 17.86 | 19.58 | PASS |
|  | TM2/20MHz | LCH | 17.86 | 19.62 | PASS |
|  |  | MCH | 18.02 | 19.62 | PASS |
|  |  | HCH | 17.94 | 19.58 | PASS |
|  | TM3/20MHz | LCH | 17.90 | 19.46 | PASS |
|  |  | MCH | 18.02 | 19.54 | PASS |
|  |  | HCH | 17.86 | 19.54 | PASS |

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch
Report No.: SZEM1701001122301
Page: 31 of 105

### 4.1 For LTE

### 4.1.1 Test Band = LTE band66

### 4.1.1.1 Test Mode $=$ LTE/TM1 1.4MHz

4.1.1.1.1 Test Channel = LCH


Date: 17.NOV. 2017 14:45:19

### 4.1.1.1.2 Test Channel $=\mathbf{M C H}$



Date: 17.NOV. 2017 14:49:14

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4.1.1.1.3 Test Channel $=\mathrm{HCH}$


Date: 17.NOV. 2017 14:54:43

### 4.1.1.2 Test Mode $=$ LTE/TM2 1.4MHz

### 4.1.1.2.1 Test Channel $=\mathrm{LCH}$



Date: 17.NOV. 2017 14:47:11
Report No.: SZEM1701001122301
Page: 32 of 105
$\stackrel{\square}{\nabla}$ SGS-CSTC Standards Technical Services Co., Ltd.
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4.1.1.2.2 Test Channel $=\mathbf{M C H}$


Date: 17.NOV. 2017 14:50:04

### 4.1.1.2.3 Test Channel $=\mathrm{HCH}$



[^4]SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch
Report No.: SZEM1701001122301
Page: 34 of 105

### 4.1.1.3 Test Mode $=$ LTE/TM3 1.4MHz

### 4.1.1.3.1 Test Channel = LCH



Date: 1.DEC. 2017 09:38:43
4.1.1.3.2 Test Channel $=\mathrm{MCH}$


[^5] SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch
4.1.1.3.3 Test Channel $=\mathbf{H C H}$


Date: 1.DEC. 2017 09:43:13

### 4.1.1.4 Test Mode $=$ LTE/TM1 $3 M H z$

### 4.1.1.4.1 Test Channel = LCH



[^6]Report No.: SZEM1701001122301
Page: 35 of 105
$\stackrel{\square}{\nabla}$

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4.1.1.4.2 Test Channel $=\mathrm{MCH}$


Date: 17.NOV. 2017 15:02:15

### 4.1.1.4.3 Test Channel $=\mathrm{HCH}$



[^7]
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301
Page: 37 of 105

### 4.1.1.5 Test Mode $=$ LTE/TM2 3MHz

### 4.1.1.5.1 Test Channel = LCH



Date: 17.NOV. 2017 14:59:33
4.1.1.5.2 Test Channel $=\mathrm{MCH}$


[^8]
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

4.1.1.5.3 Test Channel $=\mathrm{HCH}$


Date: 17.NOV. 2017 15:06:08

### 4.1.1.6 Test Mode $=$ LTE/TM3 3 MHz

### 4.1.1.6.1 Test Channel = LCH



[^9]Report No.: SZEM1701001122301
Page: 38 of 105
$\stackrel{\square}{\nabla}$


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4.1.1.6.2 Test Channel =MCH


Date: 1.DEC. 2017 09:48:36

### 4.1.1.6.3 Test Channel $=\mathrm{HCH}$



[^10]
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Report No.: SZEM1701001122301
Page: 40 of 105

### 4.1.1.7 Test Mode $=$ LTE/TM1 5MHz

### 4.1.1.7.1 Test Channel = LCH



Date: 17.NOV. 2017 15:08:18

### 4.1.1.7.2 Test Channel = MCH



Date: 17.NOV. 2017 15:10:20

## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

4.1.1.7.3 Test Channel $=\mathbf{H C H}$


Date: 17.NOV. 2017 15:37:26

### 4.1.1.8 Test Mode $=$ LTE/TM2 5 MHz

### 4.1.1.8.1 Test Channel = LCH



Date: 17.NOV. 2017 15:09:12
Report No.: SZEM1701001122301
Page: 41 of 105
$\stackrel{\square}{\nabla}$

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch
4.1.1.8.2 Test Channel $=\mathrm{MCH}$


Date: 17.NOV. 2017 15:12:18

### 4.1.1.8.3 Test Channel $=\mathrm{HCH}$



[^11]
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301
Page: 43 of 105

### 4.1.1.9 Test Mode $=$ LTE/TM3 5MHz

### 4.1.1.9.1 Test Channel $=$ LCH



Date: 1.DEC. 2017 09:53:21
4.1.1.9.2 Test Channel $=$ MCH


[^12] SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch
4.1.1.9.3 Test Channel $=\mathbf{H C H}$


Date: 1.DEC. 2017 09:57:49

### 4.1.1.10 Test Mode $=$ LTE/TM1 10 MHz

### 4.1.1.10.1 Test Channel = LCH



[^13]Report No.: SZEM1701001122301
Page: 44 of 105
$\stackrel{\pi}{\nabla}$

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch
4.1.1.10.2 Test Channel = MCH


Date: 17.NOV. 2017 15:43:16

### 4.1.1.10.3 Test Channel $=\mathrm{HCH}$



[^14]SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch
Report No.: SZEM1701001122301
Page: 46 of 105

### 4.1.1.11 Test Mode $=$ LTE/TM2 10 MHz

### 4.1.1.11.1 Test Channel = LCH



Date: 17.NOV. 2017 15:41:05
4.1.1.11.2 Test Channel = MCH


[^15]SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch
4.1.1.11.3 Test Channel = HCH


Date: 17.NOV. 2017 15:46:02

### 4.1.1.12 Test Mode $=$ LTE/TM3 10 MHz

### 4.1.1.12.1 Test Channel = LCH



[^16]Report No.: SZEM1701001122301
Page: 47 of 105
$\stackrel{\square}{\nabla}$
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SGS-CSTC Standards Technical Services Co., Ltd.
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4.1.1.12.2 Test Channel = MCH


Date: 1.DEC. 2017 10:02:54
4.1.1.12.3 Test Channel $=\mathrm{HCH}$


[^17]
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM1701001122301
Page: 49 of 105

### 4.1.1.13 Test Mode $=$ LTE/TM1 15MHz

### 4.1.1.13.1 Test Channel = LCH



Date: 17.NOV. 2017 15:47:41

### 4.1.1.13.2 Test Channel = MCH



Date: 17.NOV 2017 15:51:18

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch
4.1.1.13.3 Test Channel = HCH


Date: 17.NOV. 2017 15:57:28

### 4.1.1.14 Test Mode $=$ LTE/TM2 15MHz

### 4.1.1.14.1 Test Channel = LCH



[^18]Report No.: SZEM1701001122301
Page: 50 of 105
$\stackrel{\square}{\nabla}$


[^0]:    Date: 17.NOV. 2017 14:30:27

[^1]:    Date: 17.NOV. 2017 14:40:59

[^2]:    Date: 1.DEC. 2017 09:34:54

[^3]:    Date: 1.DEC. 2017 09:36:37

[^4]:    Date: 17.NOV. 2017 15:38:04

[^5]:    Date: 1.DEC. 2017 09:40:47

[^6]:    Date: 17.NOV. 2017 14:58:37

[^7]:    Date: 17.NOV. 2017 15:05:25

[^8]:    Date: 17.NOV. 2017 15:03:15

[^9]:    Date: 1.DEC. 2017 09:44:18

[^10]:    Date: 1 DEC. 2017 09:50:40

[^11]:    Date: 17.NOV. 2017 15:38:04

[^12]:    Date: 1.DEC. 2017 09:56:06

[^13]:    Date: 17.NOV. 2017 15:40:05

[^14]:    Date: 17.NOV 2017 15:45:20

[^15]:    Date: 17.NOV. 2017 15:44:03

[^16]:    Date: 1.DEC. 2017 10:00:02

[^17]:    Date: 1 DEC. 2017 10:04:45

[^18]:    Date: 17.NOV. 2017 15:50:06

