

Appendix B.5

LTE Band 7



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Effective (Isotropic) Radiated Power Output Data

Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | EIRP(dBm) | Limit(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|-----------|------------|---------|
| Band7 | 5MHz | QPSK | 20775 | 1RB#0 | 22.15 | 24.92 | 33 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#12 | 22.12 | 24.89 | 33 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#24 | 22.14 | 24.91 | 33 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | 21.15 | 23.92 | 33 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#0 | 21.88 | 24.65 | 33 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#12 | 21.89 | 24.66 | 33 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#24 | 21.83 | 24.6 | 33 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | 20.82 | 23.59 | 33 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#0 | 21.81 | 24.58 | 33 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#12 | 21.84 | 24.61 | 33 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#24 | 21.81 | 24.58 | 33 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | 20.84 | 23.61 | 33 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#0 | 21.25 | 24.02 | 33 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#12 | 21.27 | 24.04 | 33 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#24 | 21.22 | 23.99 | 33 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | 22.19 | 24.96 | 33 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#0 | 21.01 | 23.78 | 33 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#12 | 20.99 | 23.76 | 33 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#24 | 20.94 | 23.71 | 33 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | 19.87 | 22.64 | 33 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#0 | 20.9 | 23.67 | 33 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#12 | 20.96 | 23.73 | 33 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#24 | 20.88 | 23.65 | 33 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | 19.84 | 22.61 | 33 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#0 | 20.34 | 23.11 | 33 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#12 | 20.35 | 23.12 | 33 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#24 | 20.29 | 23.06 | 33 | PASS |



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 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



| | | | | | | | | |
|-------|-------|--------|-------|--------|-------|-------|----|------|
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0 | 19.16 | 21.93 | 33 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#0 | 20 | 22.77 | 33 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#12 | 20.02 | 22.79 | 33 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#24 | 19.95 | 22.72 | 33 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0 | 18.83 | 21.6 | 33 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#0 | 20 | 22.77 | 33 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#12 | 20.02 | 22.79 | 33 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#24 | 19.99 | 22.76 | 33 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0 | 18.81 | 21.58 | 33 | PASS |
| Band7 | 5MHz | 256QAM | 20775 | 1RB#0 | 18.96 | 21.73 | 33 | PASS |
| Band7 | 5MHz | 256QAM | 20775 | 1RB#12 | 18.78 | 21.55 | 33 | PASS |
| Band7 | 5MHz | 256QAM | 20775 | 1RB#24 | 18.63 | 21.4 | 33 | PASS |
| Band7 | 5MHz | 256QAM | 20775 | 25RB#0 | 17.52 | 20.29 | 33 | PASS |
| Band7 | 5MHz | 256QAM | 21100 | 1RB#0 | 18.99 | 21.76 | 33 | PASS |
| Band7 | 5MHz | 256QAM | 21100 | 1RB#12 | 18.74 | 21.51 | 33 | PASS |
| Band7 | 5MHz | 256QAM | 21100 | 1RB#24 | 18.56 | 21.33 | 33 | PASS |
| Band7 | 5MHz | 256QAM | 21100 | 25RB#0 | 17.52 | 20.29 | 33 | PASS |
| Band7 | 5MHz | 256QAM | 21425 | 1RB#0 | 18.63 | 21.4 | 33 | PASS |
| Band7 | 5MHz | 256QAM | 21425 | 1RB#12 | 18.54 | 21.31 | 33 | PASS |
| Band7 | 5MHz | 256QAM | 21425 | 1RB#24 | 18.77 | 21.54 | 33 | PASS |
| Band7 | 5MHz | 256QAM | 21425 | 25RB#0 | 17.56 | 20.33 | 33 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#0 | 22.12 | 24.89 | 33 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#24 | 22.14 | 24.91 | 33 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#49 | 22.09 | 24.86 | 33 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | 21.18 | 23.95 | 33 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#0 | 20.96 | 23.73 | 33 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#24 | 21.9 | 24.67 | 33 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#49 | 21.78 | 24.55 | 33 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | 20.93 | 23.7 | 33 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#0 | 21.77 | 24.54 | 33 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#24 | 21.81 | 24.58 | 33 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#49 | 21.76 | 24.53 | 33 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | 20.83 | 23.6 | 33 | PASS |



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|-------|-------|--------|-------|--------|-------|-------|----|------|
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | 21.23 | 24 | 33 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#24 | 21.44 | 24.21 | 33 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#49 | 21.55 | 24.32 | 33 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | 20.16 | 22.93 | 33 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | 21.02 | 23.79 | 33 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#24 | 20.61 | 23.38 | 33 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#49 | 20.7 | 23.47 | 33 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | 19.89 | 22.66 | 33 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | 20.91 | 23.68 | 33 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#24 | 20.94 | 23.71 | 33 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#49 | 20.36 | 23.13 | 33 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | 19.82 | 22.59 | 33 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#0 | 20.3 | 23.07 | 33 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#24 | 20.33 | 23.1 | 33 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#49 | 20.24 | 23.01 | 33 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0 | 19.16 | 21.93 | 33 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#0 | 20.03 | 22.8 | 33 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#24 | 19.72 | 22.49 | 33 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#49 | 19.46 | 22.23 | 33 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0 | 18.89 | 21.66 | 33 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#0 | 19.98 | 22.75 | 33 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#24 | 19.94 | 22.71 | 33 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#49 | 19.78 | 22.55 | 33 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0 | 18.83 | 21.6 | 33 | PASS |
| Band7 | 10MHz | 256QAM | 20800 | 1RB#0 | 18.69 | 21.46 | 33 | PASS |
| Band7 | 10MHz | 256QAM | 20800 | 1RB#24 | 18.96 | 21.73 | 33 | PASS |
| Band7 | 10MHz | 256QAM | 20800 | 1RB#49 | 18.45 | 21.22 | 33 | PASS |
| Band7 | 10MHz | 256QAM | 20800 | 50RB#0 | 17.52 | 20.29 | 33 | PASS |
| Band7 | 10MHz | 256QAM | 21100 | 1RB#0 | 18.69 | 21.46 | 33 | PASS |
| Band7 | 10MHz | 256QAM | 21100 | 1RB#24 | 18.54 | 21.31 | 33 | PASS |
| Band7 | 10MHz | 256QAM | 21100 | 1RB#49 | 18.45 | 21.22 | 33 | PASS |
| Band7 | 10MHz | 256QAM | 21100 | 50RB#0 | 17.55 | 20.32 | 33 | PASS |
| Band7 | 10MHz | 256QAM | 21400 | 1RB#0 | 18.45 | 21.22 | 33 | PASS |



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| | | | | | | | | |
|-------|-------|--------|-------|--------|-------|-------|----|------|
| Band7 | 10MHz | 256QAM | 21400 | 1RB#24 | 18.65 | 21.42 | 33 | PASS |
| Band7 | 10MHz | 256QAM | 21400 | 1RB#49 | 18.44 | 21.21 | 33 | PASS |
| Band7 | 10MHz | 256QAM | 21400 | 50RB#0 | 17.52 | 20.29 | 33 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#0 | 22.08 | 24.85 | 33 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#38 | 22.1 | 24.87 | 33 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#74 | 21.92 | 24.69 | 33 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | 21.09 | 23.86 | 33 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#0 | 21.78 | 24.55 | 33 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#38 | 21.83 | 24.6 | 33 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#74 | 21.72 | 24.49 | 33 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | 20.88 | 23.65 | 33 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#0 | 21.67 | 24.44 | 33 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#38 | 21.76 | 24.53 | 33 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#74 | 21.67 | 24.44 | 33 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | 20.8 | 23.57 | 33 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | 21.18 | 23.95 | 33 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#38 | 21.22 | 23.99 | 33 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#74 | 21.13 | 23.9 | 33 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | 20.08 | 22.85 | 33 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | 20.93 | 23.7 | 33 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#38 | 21.02 | 23.79 | 33 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#74 | 20.39 | 23.16 | 33 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | 19.88 | 22.65 | 33 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | 20.86 | 23.63 | 33 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#38 | 20.91 | 23.68 | 33 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#74 | 21.75 | 24.52 | 33 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | 19.79 | 22.56 | 33 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#0 | 20.25 | 23.02 | 33 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#38 | 20.31 | 23.08 | 33 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#74 | 20.04 | 22.81 | 33 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0 | 19.09 | 21.86 | 33 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#0 | 19.94 | 22.71 | 33 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#38 | 20.01 | 22.78 | 33 | PASS |



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Wireless Laboratory

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中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com



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|-------|-------|--------|-------|---------|-------|-------|----|------|
| Band7 | 15MHz | 64QAM | 21100 | 1RB#74 | 19.88 | 22.65 | 33 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 75RB#0 | 18.81 | 21.58 | 33 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#0 | 19.92 | 22.69 | 33 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#38 | 19.54 | 22.31 | 33 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#74 | 19.38 | 22.15 | 33 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0 | 18.8 | 21.57 | 33 | PASS |
| Band7 | 15MHz | 256QAM | 20825 | 1RB#0 | 18.65 | 21.42 | 33 | PASS |
| Band7 | 15MHz | 256QAM | 20825 | 1RB#38 | 18.54 | 21.31 | 33 | PASS |
| Band7 | 15MHz | 256QAM | 20825 | 1RB#74 | 18.63 | 21.4 | 33 | PASS |
| Band7 | 15MHz | 256QAM | 20825 | 75RB#0 | 17.52 | 20.29 | 33 | PASS |
| Band7 | 15MHz | 256QAM | 21100 | 1RB#0 | 18.45 | 21.22 | 33 | PASS |
| Band7 | 15MHz | 256QAM | 21100 | 1RB#38 | 18.56 | 21.33 | 33 | PASS |
| Band7 | 15MHz | 256QAM | 21100 | 1RB#74 | 18.55 | 21.32 | 33 | PASS |
| Band7 | 15MHz | 256QAM | 21100 | 75RB#0 | 17.63 | 20.4 | 33 | PASS |
| Band7 | 15MHz | 256QAM | 21375 | 1RB#0 | 18.45 | 21.22 | 33 | PASS |
| Band7 | 15MHz | 256QAM | 21375 | 1RB#38 | 18.63 | 21.4 | 33 | PASS |
| Band7 | 15MHz | 256QAM | 21375 | 1RB#74 | 18.55 | 21.32 | 33 | PASS |
| Band7 | 15MHz | 256QAM | 21375 | 75RB#0 | 17.52 | 20.29 | 33 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#0 | 21.99 | 24.76 | 33 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#49 | 22.12 | 24.89 | 33 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#99 | 21.89 | 24.66 | 33 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | 21.02 | 23.79 | 33 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#0 | 21.81 | 24.58 | 33 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#49 | 21.85 | 24.62 | 33 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#99 | 21.31 | 24.08 | 33 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | 20.9 | 23.67 | 33 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#0 | 21.66 | 24.43 | 33 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#49 | 21.8 | 24.57 | 33 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#99 | 21.63 | 24.4 | 33 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | 20.83 | 23.6 | 33 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | 21.12 | 23.89 | 33 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#49 | 21.31 | 24.08 | 33 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#99 | 21.03 | 23.8 | 33 | PASS |



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t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com



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|-------|-------|--------|-------|---------|-------|-------|----|------|
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 20.02 | 22.79 | 33 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | 20.91 | 23.68 | 33 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#49 | 21 | 23.77 | 33 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#99 | 20.74 | 23.51 | 33 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 19.87 | 22.64 | 33 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | 20.77 | 23.54 | 33 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#49 | 21.69 | 24.46 | 33 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#99 | 20.8 | 23.57 | 33 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 19.77 | 22.54 | 33 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#0 | 20.15 | 22.92 | 33 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#49 | 20.3 | 23.07 | 33 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#99 | 20.07 | 22.84 | 33 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | 18.99 | 21.76 | 33 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#0 | 19.96 | 22.73 | 33 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#49 | 19.56 | 22.33 | 33 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#99 | 19.34 | 22.11 | 33 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | 18.84 | 21.61 | 33 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#0 | 19.89 | 22.66 | 33 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#49 | 20.02 | 22.79 | 33 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#99 | 19.59 | 22.36 | 33 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | 18.77 | 21.54 | 33 | PASS |
| Band7 | 20MHz | 256QAM | 20850 | 1RB#0 | 18.63 | 21.4 | 33 | PASS |
| Band7 | 20MHz | 256QAM | 20850 | 1RB#49 | 18.54 | 21.31 | 33 | PASS |
| Band7 | 20MHz | 256QAM | 20850 | 1RB#99 | 18.45 | 21.22 | 33 | PASS |
| Band7 | 20MHz | 256QAM | 20850 | 100RB#0 | 17.63 | 20.4 | 33 | PASS |
| Band7 | 20MHz | 256QAM | 21100 | 1RB#0 | 18.54 | 21.31 | 33 | PASS |
| Band7 | 20MHz | 256QAM | 21100 | 1RB#49 | 18.45 | 21.22 | 33 | PASS |
| Band7 | 20MHz | 256QAM | 21100 | 1RB#99 | 18.66 | 21.43 | 33 | PASS |
| Band7 | 20MHz | 256QAM | 21100 | 100RB#0 | 17.52 | 20.29 | 33 | PASS |
| Band7 | 20MHz | 256QAM | 21350 | 1RB#0 | 18.45 | 21.22 | 33 | PASS |
| Band7 | 20MHz | 256QAM | 21350 | 1RB#49 | 18.66 | 21.43 | 33 | PASS |
| Band7 | 20MHz | 256QAM | 21350 | 1RB#99 | 18.44 | 21.21 | 33 | PASS |
| Band7 | 20MHz | 256QAM | 21350 | 100RB#0 | 17.63 | 20.4 | 33 | PASS |



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Field Strength of Spurious Radiation

Test Band = LTE Band7_ TM1
 Test Channel = Low

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5002.1800 | 55.79 | -45.63 | 32.88 | -52.22 | -25.00 | 27.22 | 245 | 134 | Horizontal |
| 2 | 7503.2700 | 44.23 | -43.13 | 36.44 | -57.72 | -25.00 | 32.72 | 126 | 344 | Horizontal |
| 3 | 10004.3600 | 35.62 | -39.23 | 38.50 | -60.38 | -25.00 | 35.38 | 132 | 1 | Horizontal |
| 4 | 12505.4500 | 29.22 | -36.99 | 39.18 | -63.85 | -25.00 | 38.85 | 126 | 181 | Horizontal |
| 5 | 15006.5400 | 27.73 | -34.65 | 39.21 | -62.97 | -25.00 | 37.97 | 199 | 240 | Horizontal |
| 6 | 17507.6300 | 30.37 | -34.95 | 39.22 | -60.62 | -25.00 | 35.62 | 148 | 16 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5002.1800 | 57.36 | -45.63 | 32.88 | -50.65 | -25.00 | 25.65 | 256 | 166 | Vertical |
| 2 | 7503.2700 | 43.67 | -43.13 | 36.44 | -58.28 | -25.00 | 33.28 | 133 | 135 | Vertical |
| 3 | 10004.3600 | 35.31 | -39.23 | 38.50 | -60.69 | -25.00 | 35.69 | 245 | 135 | Vertical |
| 4 | 12505.4500 | 30.81 | -36.99 | 39.18 | -62.26 | -25.00 | 37.26 | 156 | 300 | Vertical |
| 5 | 15006.5400 | 29.55 | -34.65 | 39.21 | -61.15 | -25.00 | 36.15 | 145 | 46 | Vertical |
| 6 | 17507.6300 | 29.25 | -34.95 | 39.22 | -61.74 | -25.00 | 36.74 | 199 | 300 | Vertical |



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Test Band = LTE Band7_ TM1
Test Channel = Mid

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5052 | 54.03 | -45.50 | 32.91 | -53.82 | -25.00 | 28.82 | 241 | 195 | Horizontal |
| 2 | 7578.2700 | 44.33 | -42.97 | 36.40 | -57.50 | -25.00 | 32.50 | 152 | 331 | Horizontal |
| 3 | 10104.3600 | 34.12 | -39.14 | 38.66 | -61.62 | -25.00 | 36.62 | 136 | 356 | Horizontal |
| 4 | 12630.4500 | 30.41 | -37.33 | 39.33 | -62.85 | -25.00 | 37.85 | 255 | 3 | Horizontal |
| 5 | 15156.5400 | 30.18 | -34.37 | 39.01 | -60.44 | -25.00 | 35.44 | 194 | 91 | Horizontal |
| 6 | 17682.6300 | 31.20 | -33.89 | 40.06 | -57.89 | -25.00 | 32.89 | 155 | 181 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5052.1800 | 50.67 | -45.50 | 32.91 | -57.18 | -25.00 | 32.18 | 148 | 182 | Vertical |
| 2 | 7578.2700 | 44.33 | -42.97 | 36.40 | -57.50 | -25.00 | 32.50 | 195 | 25 | Vertical |
| 3 | 10104.3600 | 33.92 | -39.14 | 38.66 | -61.82 | -25.00 | 36.82 | 126 | 133 | Vertical |
| 4 | 12630.4500 | 30.71 | -37.33 | 39.33 | -62.55 | -25.00 | 37.55 | 133 | 210 | Vertical |
| 5 | 15156.5400 | 29.78 | -34.37 | 39.01 | -60.84 | -25.00 | 35.84 | 271 | 3 | Vertical |
| 6 | 17682.6300 | 29.83 | -33.89 | 40.06 | -59.26 | -25.00 | 34.26 | 210 | 30 | Vertical |



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Test Band = LTE Band7_ TM1
 Test Channel = High

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5102.1800 | 53.09 | -45.37 | 32.94 | -54.60 | -25.00 | 29.60 | 148 | 195 | Horizontal |
| 2 | 7653.2700 | 43.08 | -43.03 | 36.49 | -58.72 | -25.00 | 33.72 | 152 | 0 | Horizontal |
| 3 | 10204.3600 | 33.53 | -39.48 | 38.81 | -62.40 | -25.00 | 37.40 | 169 | 121 | Horizontal |
| 4 | 12755.4500 | 31.19 | -36.76 | 39.55 | -61.28 | -25.00 | 36.28 | 194 | 0 | Horizontal |
| 5 | 15306.5400 | 29.57 | -34.36 | 38.82 | -61.23 | -25.00 | 36.23 | 175 | 18 | Horizontal |
| 6 | 17857.6300 | 32.07 | -34.56 | 41.24 | -56.51 | -25.00 | 31.51 | 143 | 3 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 5102.1800 | 49.36 | -45.37 | 32.94 | -58.33 | -25.00 | 33.33 | 211 | 196 | Vertical |
| 2 | 7653.2700 | 42.11 | -43.03 | 36.49 | -59.69 | -25.00 | 34.69 | 145 | 0 | Vertical |
| 3 | 10204.3600 | 32.78 | -39.48 | 38.81 | -63.15 | -25.00 | 38.15 | 183 | 180 | Vertical |
| 4 | 12755.4500 | 30.39 | -36.76 | 39.55 | -62.08 | -25.00 | 37.08 | 230 | 356 | Vertical |
| 5 | 15306.5400 | 29.10 | -34.36 | 38.82 | -61.70 | -25.00 | 36.70 | 231 | 151 | Vertical |
| 6 | 17857.6300 | 31.68 | -34.56 | 41.24 | -56.90 | -25.00 | 31.90 | 176 | 151 | Vertical |

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---



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