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# Appendix B.22

## LTE CA\_66B



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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 |
|-------|-------------|---------------|---------------|------------------|--------------|------------|-------------|---------|
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132022-132121 | 1RB#0-0RB#0      | 23.16        | 25.42      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132022-132121 | 50RB#0-50RB#0    | 21.91        | 24.17      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132373-132472 | 1RB#0-0RB#0      | 23.14        | 25.4       | 30          | PASS    |
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132373-132472 | 50RB#0-50RB#0    | 21.97        | 24.23      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132523-132622 | 1RB#0-0RB#0      | 23.09        | 25.35      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | QPSK-QPSK     | 132523-132622 | 50RB#0-50RB#0    | 21.91        | 24.17      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132022-132121 | 1RB#0-0RB#0      | 22.36        | 24.62      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132022-132121 | 50RB#0-50RB#0    | 20.91        | 23.17      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132373-132472 | 1RB#0-0RB#0      | 22.29        | 24.55      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132373-132472 | 50RB#0-50RB#0    | 21           | 23.26      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132523-132622 | 1RB#0-0RB#0      | 22.28        | 24.54      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 16QAM-16QAM   | 132523-132622 | 50RB#0-50RB#0    | 20.9         | 23.16      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132022-132121 | 1RB#0-0RB#0      | 21.34        | 23.6       | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132022-132121 | 50RB#0-50RB#0    | 21           | 23.26      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132373-132472 | 1RB#0-0RB#0      | 21.5         | 23.76      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132373-132472 | 50RB#0-50RB#0    | 20.98        | 23.24      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132523-132622 | 1RB#0-0RB#0      | 21.38        | 23.64      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 64QAM-64QAM   | 132523-132622 | 50RB#0-50RB#0    | 20.93        | 23.19      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 256QAM-256QAM | 132022-132121 | 1RB#0-0RB#0      | 18.2         | 20.46      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 256QAM-256QAM | 132022-132121 | 50RB#0-50RB#0    | 18.93        | 21.19      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 256QAM-256QAM | 132373-132472 | 1RB#0-0RB#0      | 18.43        | 20.69      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 256QAM-256QAM | 132373-132472 | 50RB#0-50RB#0    | 19.01        | 21.27      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 256QAM-256QAM | 132523-132622 | 1RB#0-0RB#0      | 18.16        | 20.42      | 30          | PASS    |
| 66-66 | 10MHz-10MHz | 256QAM-256QAM | 132523-132622 | 50RB#0-50RB#0    | 18.88        | 21.14      | 30          | PASS    |
| 66-66 | 10MHz-5MHz  | QPSK-QPSK     | 132022-132094 | 1RB#0-0RB#0      | 23.07        | 25.33      | 30          | PASS    |
| 66-66 | 10MHz-5MHz  | QPSK-QPSK     | 132022-132094 | 50RB#0-25RB#0    | 21.88        | 24.14      | 30          | PASS    |
| 66-66 | 10MHz-5MHz  | QPSK-QPSK     | 132397-132469 | 1RB#0-0RB#0      | 23.17        | 25.43      | 30          | PASS    |
| 66-66 | 10MHz-5MHz  | QPSK-QPSK     | 132397-132469 | 50RB#0-25RB#0    | 21.95        | 24.21      | 30          | PASS    |



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| 66-66 | 10MHz-5MHz | QPSK-QPSK     | 132572-132644 | 1RB#0-0RB#0   | 23.02 | 25.28 | 30 | PASS |
| 66-66 | 10MHz-5MHz | QPSK-QPSK     | 132572-132644 | 50RB#0-25RB#0 | 21.9  | 24.16 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 16QAM-16QAM   | 132022-132094 | 1RB#0-0RB#0   | 22.33 | 24.59 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 16QAM-16QAM   | 132022-132094 | 50RB#0-25RB#0 | 20.89 | 23.15 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 16QAM-16QAM   | 132397-132469 | 1RB#0-0RB#0   | 22.42 | 24.68 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 16QAM-16QAM   | 132397-132469 | 50RB#0-25RB#0 | 20.96 | 23.22 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 16QAM-16QAM   | 132572-132644 | 1RB#0-0RB#0   | 22.38 | 24.64 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 16QAM-16QAM   | 132572-132644 | 50RB#0-25RB#0 | 20.9  | 23.16 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 64QAM-64QAM   | 132022-132094 | 1RB#0-0RB#0   | 21.3  | 23.56 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 64QAM-64QAM   | 132022-132094 | 50RB#0-25RB#0 | 20.98 | 23.24 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 64QAM-64QAM   | 132397-132469 | 1RB#0-0RB#0   | 21.51 | 23.77 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 64QAM-64QAM   | 132397-132469 | 50RB#0-25RB#0 | 20.96 | 23.22 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 64QAM-64QAM   | 132572-132644 | 1RB#0-0RB#0   | 21.47 | 23.73 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 64QAM-64QAM   | 132572-132644 | 50RB#0-25RB#0 | 20.9  | 23.16 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 256QAM-256QAM | 132022-132094 | 1RB#0-0RB#0   | 18.33 | 20.59 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 256QAM-256QAM | 132022-132094 | 50RB#0-25RB#0 | 18.9  | 21.16 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 256QAM-256QAM | 132397-132469 | 1RB#0-0RB#0   | 18.38 | 20.64 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 256QAM-256QAM | 132397-132469 | 50RB#0-25RB#0 | 18.97 | 21.23 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 256QAM-256QAM | 132572-132644 | 1RB#0-0RB#0   | 18.29 | 20.55 | 30 | PASS |
| 66-66 | 10MHz-5MHz | 256QAM-256QAM | 132572-132644 | 50RB#0-25RB#0 | 18.84 | 21.1  | 30 | PASS |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132047-132140 | 1RB#0-0RB#0   | 22.98 | 25.24 | 30 | PASS |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132047-132140 | 75RB#0-25RB#0 | 21.91 | 24.17 | 30 | PASS |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132398-132491 | 1RB#0-0RB#0   | 23.11 | 25.37 | 30 | PASS |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132398-132491 | 75RB#0-25RB#0 | 21.92 | 24.18 | 30 | PASS |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132549-132642 | 1RB#0-0RB#0   | 23.03 | 25.29 | 30 | PASS |
| 66-66 | 15MHz-5MHz | QPSK-QPSK     | 132549-132642 | 75RB#0-25RB#0 | 21.87 | 24.13 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132047-132140 | 1RB#0-0RB#0   | 22.4  | 24.66 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132047-132140 | 75RB#0-25RB#0 | 20.9  | 23.16 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132398-132491 | 1RB#0-0RB#0   | 22.42 | 24.68 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132398-132491 | 75RB#0-25RB#0 | 20.95 | 23.21 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132549-132642 | 1RB#0-0RB#0   | 22.09 | 24.35 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 16QAM-16QAM   | 132549-132642 | 75RB#0-25RB#0 | 20.88 | 23.14 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132047-132140 | 1RB#0-0RB#0   | 21.43 | 23.69 | 30 | PASS |



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| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132047-132140 | 75RB#0-25RB#0 | 20.93 | 23.19 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132398-132491 | 1RB#0-0RB#0   | 21.38 | 23.64 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132398-132491 | 75RB#0-25RB#0 | 20.95 | 23.21 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132549-132642 | 1RB#0-0RB#0   | 21.3  | 23.56 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 64QAM-64QAM   | 132549-132642 | 75RB#0-25RB#0 | 20.86 | 23.12 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132047-132140 | 1RB#0-0RB#0   | 18.32 | 20.58 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132047-132140 | 75RB#0-25RB#0 | 18.94 | 21.2  | 30 | PASS |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132398-132491 | 1RB#0-0RB#0   | 18.39 | 20.65 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132398-132491 | 75RB#0-25RB#0 | 18.96 | 21.22 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132549-132642 | 1RB#0-0RB#0   | 18.35 | 20.61 | 30 | PASS |
| 66-66 | 15MHz-5MHz | 256QAM-256QAM | 132549-132642 | 75RB#0-25RB#0 | 18.87 | 21.13 | 30 | PASS |
| 66-66 | 5MHz-10MHz | QPSK-QPSK     | 132000-132072 | 1RB#0-0RB#0   | 23.12 | 25.38 | 30 | PASS |
| 66-66 | 5MHz-10MHz | QPSK-QPSK     | 132000-132072 | 25RB#0-50RB#0 | 21.9  | 24.16 | 30 | PASS |
| 66-66 | 5MHz-10MHz | QPSK-QPSK     | 132375-132447 | 1RB#0-0RB#0   | 23.18 | 25.44 | 30 | PASS |
| 66-66 | 5MHz-10MHz | QPSK-QPSK     | 132375-132447 | 25RB#0-50RB#0 | 21.92 | 24.18 | 30 | PASS |
| 66-66 | 5MHz-10MHz | QPSK-QPSK     | 132550-132622 | 1RB#0-0RB#0   | 23.05 | 25.31 | 30 | PASS |
| 66-66 | 5MHz-10MHz | QPSK-QPSK     | 132550-132622 | 25RB#0-50RB#0 | 21.85 | 24.11 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 16QAM-16QAM   | 132000-132072 | 1RB#0-0RB#0   | 22.41 | 24.67 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 16QAM-16QAM   | 132000-132072 | 25RB#0-50RB#0 | 20.95 | 23.21 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 16QAM-16QAM   | 132375-132447 | 1RB#0-0RB#0   | 22.43 | 24.69 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 16QAM-16QAM   | 132375-132447 | 25RB#0-50RB#0 | 20.95 | 23.21 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 16QAM-16QAM   | 132550-132622 | 1RB#0-0RB#0   | 22.35 | 24.61 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 16QAM-16QAM   | 132550-132622 | 25RB#0-50RB#0 | 20.85 | 23.11 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 64QAM-64QAM   | 132000-132072 | 1RB#0-0RB#0   | 21.4  | 23.66 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 64QAM-64QAM   | 132000-132072 | 25RB#0-50RB#0 | 20.91 | 23.17 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 64QAM-64QAM   | 132375-132447 | 1RB#0-0RB#0   | 21.42 | 23.68 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 64QAM-64QAM   | 132375-132447 | 25RB#0-50RB#0 | 20.95 | 23.21 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 64QAM-64QAM   | 132550-132622 | 1RB#0-0RB#0   | 21.35 | 23.61 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 64QAM-64QAM   | 132550-132622 | 25RB#0-50RB#0 | 20.86 | 23.12 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 256QAM-256QAM | 132000-132072 | 1RB#0-0RB#0   | 18.38 | 20.64 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 256QAM-256QAM | 132000-132072 | 25RB#0-50RB#0 | 18.96 | 21.22 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 256QAM-256QAM | 132375-132447 | 1RB#0-0RB#0   | 18.5  | 20.76 | 30 | PASS |
| 66-66 | 5MHz-10MHz | 256QAM-256QAM | 132375-132447 | 25RB#0-50RB#0 | 18.97 | 21.23 | 30 | PASS |



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| 66-66 | 5MHz-10MHz | 256QAM-256QAM | 132550-132622 | 1RB#0-0RB#0   | 18.34 | 20.6  | 30 | PASS |
| 66-66 | 5MHz-10MHz | 256QAM-256QAM | 132550-132622 | 25RB#0-50RB#0 | 18.85 | 21.11 | 30 | PASS |
| 66-66 | 5MHz-15MHz | QPSK-QPSK     | 132002-132095 | 1RB#0-0RB#0   | 23.14 | 25.4  | 30 | PASS |
| 66-66 | 5MHz-15MHz | QPSK-QPSK     | 132002-132095 | 25RB#0-75RB#0 | 21.94 | 24.2  | 30 | PASS |
| 66-66 | 5MHz-15MHz | QPSK-QPSK     | 132353-132446 | 1RB#0-0RB#0   | 23.18 | 25.44 | 30 | PASS |
| 66-66 | 5MHz-15MHz | QPSK-QPSK     | 132353-132446 | 25RB#0-75RB#0 | 21.96 | 24.22 | 30 | PASS |
| 66-66 | 5MHz-15MHz | QPSK-QPSK     | 132504-132597 | 1RB#0-0RB#0   | 23.06 | 25.32 | 30 | PASS |
| 66-66 | 5MHz-15MHz | QPSK-QPSK     | 132504-132597 | 25RB#0-75RB#0 | 21.84 | 24.1  | 30 | PASS |
| 66-66 | 5MHz-15MHz | 16QAM-16QAM   | 132002-132095 | 1RB#0-0RB#0   | 22.31 | 24.57 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 16QAM-16QAM   | 132002-132095 | 25RB#0-75RB#0 | 20.96 | 23.22 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 16QAM-16QAM   | 132353-132446 | 1RB#0-0RB#0   | 22.38 | 24.64 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 16QAM-16QAM   | 132353-132446 | 25RB#0-75RB#0 | 21    | 23.26 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 16QAM-16QAM   | 132504-132597 | 1RB#0-0RB#0   | 22.24 | 24.5  | 30 | PASS |
| 66-66 | 5MHz-15MHz | 16QAM-16QAM   | 132504-132597 | 25RB#0-75RB#0 | 20.87 | 23.13 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 64QAM-64QAM   | 132002-132095 | 1RB#0-0RB#0   | 21.48 | 23.74 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 64QAM-64QAM   | 132002-132095 | 25RB#0-75RB#0 | 20.95 | 23.21 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 64QAM-64QAM   | 132353-132446 | 1RB#0-0RB#0   | 21.48 | 23.74 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 64QAM-64QAM   | 132353-132446 | 25RB#0-75RB#0 | 20.99 | 23.25 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 64QAM-64QAM   | 132504-132597 | 1RB#0-0RB#0   | 21.33 | 23.59 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 64QAM-64QAM   | 132504-132597 | 25RB#0-75RB#0 | 20.88 | 23.14 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 256QAM-256QAM | 132002-132095 | 1RB#0-0RB#0   | 18.33 | 20.59 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 256QAM-256QAM | 132002-132095 | 25RB#0-75RB#0 | 18.97 | 21.23 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 256QAM-256QAM | 132353-132446 | 1RB#0-0RB#0   | 18.48 | 20.74 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 256QAM-256QAM | 132353-132446 | 25RB#0-75RB#0 | 18.98 | 21.24 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 256QAM-256QAM | 132504-132597 | 1RB#0-0RB#0   | 18.22 | 20.48 | 30 | PASS |
| 66-66 | 5MHz-15MHz | 256QAM-256QAM | 132504-132597 | 25RB#0-75RB#0 | 18.9  | 21.16 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | QPSK-QPSK     | 131997-132045 | 1RB#0-0RB#0   | 23.07 | 25.33 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | QPSK-QPSK     | 131997-132045 | 25RB#0-25RB#0 | 21.97 | 24.23 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | QPSK-QPSK     | 132398-132446 | 1RB#0-0RB#0   | 23.19 | 25.45 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | QPSK-QPSK     | 132398-132446 | 25RB#0-25RB#0 | 21.99 | 24.25 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | QPSK-QPSK     | 132599-132647 | 1RB#0-0RB#0   | 23.1  | 25.36 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | QPSK-QPSK     | 132599-132647 | 25RB#0-25RB#0 | 21.97 | 24.23 | 30 | PASS |
| 66-66 | 5MHz-5MHz  | 16QAM-16QAM   | 131997-132045 | 1RB#0-0RB#0   | 22.32 | 24.58 | 30 | PASS |



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|       |           |               |               |               |       |       |    |      |
|-------|-----------|---------------|---------------|---------------|-------|-------|----|------|
| 66-66 | 5MHz-5MHz | 16QAM-16QAM   | 131997-132045 | 25RB#0-25RB#0 | 21.06 | 23.32 | 30 | PASS |
| 66-66 | 5MHz-5MHz | 16QAM-16QAM   | 132398-132446 | 1RB#0-0RB#0   | 22.45 | 24.71 | 30 | PASS |
| 66-66 | 5MHz-5MHz | 16QAM-16QAM   | 132398-132446 | 25RB#0-25RB#0 | 21.08 | 23.34 | 30 | PASS |
| 66-66 | 5MHz-5MHz | 16QAM-16QAM   | 132599-132647 | 1RB#0-0RB#0   | 22.24 | 24.5  | 30 | PASS |
| 66-66 | 5MHz-5MHz | 16QAM-16QAM   | 132599-132647 | 25RB#0-25RB#0 | 20.99 | 23.25 | 30 | PASS |
| 66-66 | 5MHz-5MHz | 64QAM-64QAM   | 131997-132045 | 1RB#0-0RB#0   | 21.39 | 23.65 | 30 | PASS |
| 66-66 | 5MHz-5MHz | 64QAM-64QAM   | 131997-132045 | 25RB#0-25RB#0 | 21    | 23.26 | 30 | PASS |
| 66-66 | 5MHz-5MHz | 64QAM-64QAM   | 132398-132446 | 1RB#0-0RB#0   | 21.44 | 23.7  | 30 | PASS |
| 66-66 | 5MHz-5MHz | 64QAM-64QAM   | 132398-132446 | 25RB#0-25RB#0 | 21.09 | 23.35 | 30 | PASS |
| 66-66 | 5MHz-5MHz | 64QAM-64QAM   | 132599-132647 | 1RB#0-0RB#0   | 21.52 | 23.78 | 30 | PASS |
| 66-66 | 5MHz-5MHz | 64QAM-64QAM   | 132599-132647 | 25RB#0-25RB#0 | 21.01 | 23.27 | 30 | PASS |
| 66-66 | 5MHz-5MHz | 256QAM-256QAM | 131997-132045 | 1RB#0-0RB#0   | 18.4  | 20.66 | 30 | PASS |
| 66-66 | 5MHz-5MHz | 256QAM-256QAM | 131997-132045 | 25RB#0-25RB#0 | 19.04 | 21.3  | 30 | PASS |
| 66-66 | 5MHz-5MHz | 256QAM-256QAM | 132398-132446 | 1RB#0-0RB#0   | 18.3  | 20.56 | 30 | PASS |
| 66-66 | 5MHz-5MHz | 256QAM-256QAM | 132398-132446 | 25RB#0-25RB#0 | 19.03 | 21.29 | 30 | PASS |
| 66-66 | 5MHz-5MHz | 256QAM-256QAM | 132599-132647 | 1RB#0-0RB#0   | 18.35 | 20.61 | 30 | PASS |
| 66-66 | 5MHz-5MHz | 256QAM-256QAM | 132599-132647 | 25RB#0-25RB#0 | 18.95 | 21.21 | 30 | PASS |



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## Field Strength of Spurious Radiation

**Test Band = LTE Band66B\_ 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   | 3424.1800       | 42.67          | -46.28      | 29.45    | -69.41      | -13.00      | 56.41       | 231         | 357       | Horizontal |
| 2   | 5131.7700       | 40.92          | -45.34      | 32.95    | -66.73      | -13.00      | 53.73       | 174         | 16        | Horizontal |
| 3   | 6842.3600       | 40.19          | -44.14      | 35.89    | -63.32      | -13.00      | 50.32       | 154         | 135       | Horizontal |
| 4   | 8552.9500       | 38.20          | -41.47      | 37.65    | -60.88      | -13.00      | 47.88       | 185         | 60        | Horizontal |
| 5   | 10263.5400      | 33.17          | -39.24      | 38.83    | -62.50      | -13.00      | 49.50       | 169         | 316       | Horizontal |
| 6   | 11974.1300      | 30.31          | -37.49      | 38.94    | -63.50      | -13.00      | 50.50       | 192         | 257       | 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   | 3424.1800       | 43.46          | -46.28      | 29.45    | -68.62      | -13.00      | 55.62       | 247         | 181       | Vertical |
| 2   | 5131.7700       | 40.94          | -45.34      | 32.95    | -66.71      | -13.00      | 53.71       | 148         | 76        | Vertical |
| 3   | 6842.3600       | 40.61          | -44.14      | 35.89    | -62.90      | -13.00      | 49.90       | 159         | 150       | Vertical |
| 4   | 8552.9500       | 37.84          | -41.47      | 37.65    | -61.24      | -13.00      | 48.24       | 196         | 0         | Vertical |
| 5   | 10263.5400      | 33.44          | -39.24      | 38.83    | -62.23      | -13.00      | 49.23       | 128         | 0         | Vertical |
| 6   | 11974.1300      | 29.70          | -37.49      | 38.94    | -64.11      | -13.00      | 51.11       | 176         | 0         | Vertical |



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**Test Band = LTE Band66B\_ 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   | 3491.3800       | 44.03          | -46.26      | 29.51    | -67.98      | -13.00      | 54.98       | 211         | 8         | Horizontal |
| 2   | 5237.0700       | 41.00          | -45.21      | 32.95    | -66.51      | -13.00      | 53.51       | 145         | 148       | Horizontal |
| 3   | 6982.7600       | 40.73          | -43.64      | 36.06    | -62.11      | -13.00      | 49.11       | 152         | 225       | Horizontal |
| 4   | 8728.4500       | 37.48          | -41.56      | 37.96    | -61.38      | -13.00      | 48.38       | 163         | 17        | Horizontal |
| 5   | 10474.1400      | 34.04          | -38.85      | 38.93    | -61.14      | -13.00      | 48.14       | 258         | 257       | Horizontal |
| 6   | 12219.8300      | 31.58          | -37.47      | 39.12    | -62.03      | -13.00      | 49.03       | 149         | 91        | 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   | 3491.3800       | 43.62          | -46.26      | 29.51    | -68.39      | -13.00      | 55.39       | 142         | 0         | Vertical |
| 2   | 5237.0700       | 42.42          | -45.21      | 32.95    | -65.09      | -13.00      | 52.09       | 125         | 73        | Vertical |
| 3   | 6982.7600       | 40.08          | -43.64      | 36.06    | -62.76      | -13.00      | 49.76       | 158         | 285       | Vertical |
| 4   | 8728.4500       | 37.24          | -41.56      | 37.96    | -61.62      | -13.00      | 48.62       | 183         | 73        | Vertical |
| 5   | 10474.1400      | 33.66          | -38.85      | 38.93    | -61.52      | -13.00      | 48.52       | 214         | 224       | Vertical |
| 6   | 12219.8300      | 31.84          | -37.47      | 39.12    | -61.77      | -13.00      | 48.77       | 147         | 178       | Vertical |



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**Test Band = LTE Band66B\_ 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               | 3521.3800       | 44.12          | -46.23      | 29.54    | -67.83      | -13.00      | 54.83       | 235         | 1         | Horizontal |
| 2               | 5282.0700       | 40.69          | -45.12      | 32.91    | -66.78      | -13.00      | 53.78       | 142         | 208       | Horizontal |
| 3               | 7042.7600       | 40.25          | -43.84      | 36.19    | -62.65      | -13.00      | 49.65       | 162         | 356       | Horizontal |
| 4               | 8803.4500       | 37.21          | -41.25      | 38.08    | -61.22      | -13.00      | 48.22       | 152         | 59        | Horizontal |
| 5               | 10564.1400      | 33.47          | -38.59      | 39.02    | -61.35      | -13.00      | 48.35       | 148         | 178       | Horizontal |
| 6               | 12324.8300      | 31.43          | -37.45      | 39.09    | -62.19      | -13.00      | 49.19       | 175         | 0         | 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               | 3521.3800       | 42.53          | -46.23      | 29.54    | -69.42      | -13.00      | 56.42       | 211         | 0         | Vertical |
| 2               | 5282.0700       | 40.30          | -45.12      | 32.91    | -67.17      | -13.00      | 54.17       | 142         | 77        | Vertical |
| 3               | 7042.7600       | 40.18          | -43.84      | 36.19    | -62.72      | -13.00      | 49.72       | 152         | 148       | Vertical |
| 4               | 8803.4500       | 37.18          | -41.25      | 38.08    | -61.25      | -13.00      | 48.25       | 136         | 0         | Vertical |
| 5               | 10564.1400      | 34.31          | -38.59      | 39.02    | -60.51      | -13.00      | 47.51       | 261         | 356       | Vertical |
| 6               | 12324.8300      | 31.42          | -37.45      | 39.09    | -62.20      | -13.00      | 49.20       | 159         | 46        | 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---

