



Report No.: SEWM2211000265RG01

Rev.: 01

Page: 1 of 14

# Appendix B.15

## LTE Band 66



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Report No.: SEWM2211000265RG01  
 Rev.: 01  
 Page: 2 of 14

## Effective (Isotropic) Radiated Power Output Data

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | EIRP(dBm) | Limit(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|-----------|------------|---------|
| Band66 | 1.4MHz    | QPSK       | 131979  | 1RB#0            | 21.14       | 24.9      | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 131979  | 1RB#2            | 21.08       | 24.84     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 131979  | 1RB#5            | 21.04       | 24.8      | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 131979  | 6RB#0            | 20.07       | 23.83     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 1RB#0            | 21.36       | 25.12     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 1RB#2            | 21.36       | 25.12     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 1RB#5            | 21.36       | 25.12     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 6RB#0            | 19.29       | 23.05     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132665  | 1RB#0            | 21.69       | 25.45     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132665  | 1RB#2            | 21.67       | 25.43     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132665  | 1RB#5            | 21.67       | 25.43     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132665  | 6RB#0            | 20.71       | 24.47     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 1RB#0            | 20.23       | 23.99     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 1RB#2            | 20.24       | 24        | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 1RB#5            | 20.21       | 23.97     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 6RB#0            | 19.04       | 22.8      | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132322  | 1RB#0            | 20.51       | 24.27     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132322  | 1RB#2            | 20.58       | 24.34     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132322  | 1RB#5            | 20.46       | 24.22     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132322  | 6RB#0            | 19.36       | 23.12     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132665  | 1RB#0            | 20.8        | 24.56     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132665  | 1RB#2            | 20.83       | 24.59     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132665  | 1RB#5            | 20.79       | 24.55     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132665  | 6RB#0            | 19.68       | 23.44     | 30         | PASS    |
| Band66 | 1.4MHz    | 64QAM      | 131979  | 1RB#0            | 19.16       | 22.92     | 30         | PASS    |
| Band66 | 1.4MHz    | 64QAM      | 131979  | 1RB#2            | 19.28       | 23.04     | 30         | PASS    |
| Band66 | 1.4MHz    | 64QAM      | 131979  | 1RB#5            | 19.24       | 23        | 30         | PASS    |



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Report No.: SEWM2211000265RG01

Rev.: 01

Page: 3 of 14

|        |        |        |        |        |       |       |    |      |
|--------|--------|--------|--------|--------|-------|-------|----|------|
| Band66 | 1.4MHz | 64QAM  | 131979 | 6RB#0  | 18.25 | 22.01 | 30 | PASS |
| Band66 | 1.4MHz | 64QAM  | 132322 | 1RB#0  | 19.5  | 23.26 | 30 | PASS |
| Band66 | 1.4MHz | 64QAM  | 132322 | 1RB#2  | 19.57 | 23.33 | 30 | PASS |
| Band66 | 1.4MHz | 64QAM  | 132322 | 1RB#5  | 19.52 | 23.28 | 30 | PASS |
| Band66 | 1.4MHz | 64QAM  | 132322 | 6RB#0  | 18.52 | 22.28 | 30 | PASS |
| Band66 | 1.4MHz | 64QAM  | 132665 | 1RB#0  | 19.89 | 23.65 | 30 | PASS |
| Band66 | 1.4MHz | 64QAM  | 132665 | 1RB#2  | 19.87 | 23.63 | 30 | PASS |
| Band66 | 1.4MHz | 64QAM  | 132665 | 1RB#5  | 19.87 | 23.63 | 30 | PASS |
| Band66 | 1.4MHz | 64QAM  | 132665 | 6RB#0  | 18.84 | 22.6  | 30 | PASS |
| Band66 | 1.4MHz | 256QAM | 131979 | 1RB#0  | 16.24 | 20    | 30 | PASS |
| Band66 | 1.4MHz | 256QAM | 131979 | 1RB#2  | 16.28 | 20.04 | 30 | PASS |
| Band66 | 1.4MHz | 256QAM | 131979 | 1RB#5  | 16.52 | 20.28 | 30 | PASS |
| Band66 | 1.4MHz | 256QAM | 131979 | 6RB#0  | 16.36 | 20.12 | 30 | PASS |
| Band66 | 1.4MHz | 256QAM | 132322 | 1RB#0  | 16.36 | 20.12 | 30 | PASS |
| Band66 | 1.4MHz | 256QAM | 132322 | 1RB#2  | 16.44 | 20.2  | 30 | PASS |
| Band66 | 1.4MHz | 256QAM | 132322 | 1RB#5  | 16.55 | 20.31 | 30 | PASS |
| Band66 | 1.4MHz | 256QAM | 132322 | 6RB#0  | 16.48 | 20.24 | 30 | PASS |
| Band66 | 1.4MHz | 256QAM | 132665 | 1RB#0  | 16.91 | 20.67 | 30 | PASS |
| Band66 | 1.4MHz | 256QAM | 132665 | 1RB#2  | 16.87 | 20.63 | 30 | PASS |
| Band66 | 1.4MHz | 256QAM | 132665 | 1RB#5  | 16.95 | 20.71 | 30 | PASS |
| Band66 | 1.4MHz | 256QAM | 132665 | 6RB#0  | 16.45 | 20.21 | 30 | PASS |
| Band66 | 3MHz   | QPSK   | 131987 | 1RB#0  | 20.95 | 24.71 | 30 | PASS |
| Band66 | 3MHz   | QPSK   | 131987 | 1RB#8  | 21.03 | 24.79 | 30 | PASS |
| Band66 | 3MHz   | QPSK   | 131987 | 1RB#14 | 21.05 | 24.81 | 30 | PASS |
| Band66 | 3MHz   | QPSK   | 131987 | 15RB#0 | 20.05 | 23.81 | 30 | PASS |
| Band66 | 3MHz   | QPSK   | 132322 | 1RB#0  | 21.3  | 25.06 | 30 | PASS |
| Band66 | 3MHz   | QPSK   | 132322 | 1RB#8  | 21.35 | 25.11 | 30 | PASS |
| Band66 | 3MHz   | QPSK   | 132322 | 1RB#14 | 21.33 | 25.09 | 30 | PASS |
| Band66 | 3MHz   | QPSK   | 132322 | 15RB#0 | 20.33 | 24.09 | 30 | PASS |
| Band66 | 3MHz   | QPSK   | 132657 | 1RB#0  | 21.63 | 25.39 | 30 | PASS |
| Band66 | 3MHz   | QPSK   | 132657 | 1RB#8  | 21.71 | 25.47 | 30 | PASS |
| Band66 | 3MHz   | QPSK   | 132657 | 1RB#14 | 21.69 | 25.45 | 30 | PASS |



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Report No.: SEWM2211000265RG01

Rev.: 01

Page: 4 of 14

|        |      |        |        |        |       |       |    |      |
|--------|------|--------|--------|--------|-------|-------|----|------|
| Band66 | 3MHz | QPSK   | 132657 | 15RB#0 | 20.71 | 24.47 | 30 | PASS |
| Band66 | 3MHz | 16QAM  | 131987 | 1RB#0  | 20.13 | 23.89 | 30 | PASS |
| Band66 | 3MHz | 16QAM  | 131987 | 1RB#8  | 20.1  | 23.86 | 30 | PASS |
| Band66 | 3MHz | 16QAM  | 131987 | 1RB#14 | 20.25 | 24.01 | 30 | PASS |
| Band66 | 3MHz | 16QAM  | 131987 | 15RB#0 | 19.1  | 22.86 | 30 | PASS |
| Band66 | 3MHz | 16QAM  | 132322 | 1RB#0  | 20.48 | 24.24 | 30 | PASS |
| Band66 | 3MHz | 16QAM  | 132322 | 1RB#8  | 20.53 | 24.29 | 30 | PASS |
| Band66 | 3MHz | 16QAM  | 132322 | 1RB#14 | 20.49 | 24.25 | 30 | PASS |
| Band66 | 3MHz | 16QAM  | 132322 | 15RB#0 | 19.32 | 23.08 | 30 | PASS |
| Band66 | 3MHz | 16QAM  | 132657 | 1RB#0  | 20.77 | 24.53 | 30 | PASS |
| Band66 | 3MHz | 16QAM  | 132657 | 1RB#8  | 20.76 | 24.52 | 30 | PASS |
| Band66 | 3MHz | 16QAM  | 132657 | 1RB#14 | 20.8  | 24.56 | 30 | PASS |
| Band66 | 3MHz | 16QAM  | 132657 | 15RB#0 | 19.67 | 23.43 | 30 | PASS |
| Band66 | 3MHz | 64QAM  | 131987 | 1RB#0  | 19.17 | 22.93 | 30 | PASS |
| Band66 | 3MHz | 64QAM  | 131987 | 1RB#8  | 19.24 | 23    | 30 | PASS |
| Band66 | 3MHz | 64QAM  | 131987 | 1RB#14 | 19.2  | 22.96 | 30 | PASS |
| Band66 | 3MHz | 64QAM  | 131987 | 15RB#0 | 18.27 | 22.03 | 30 | PASS |
| Band66 | 3MHz | 64QAM  | 132322 | 1RB#0  | 19.49 | 23.25 | 30 | PASS |
| Band66 | 3MHz | 64QAM  | 132322 | 1RB#8  | 19.52 | 23.28 | 30 | PASS |
| Band66 | 3MHz | 64QAM  | 132322 | 1RB#14 | 19.55 | 23.31 | 30 | PASS |
| Band66 | 3MHz | 64QAM  | 132322 | 15RB#0 | 18.49 | 22.25 | 30 | PASS |
| Band66 | 3MHz | 64QAM  | 132657 | 1RB#0  | 19.82 | 23.58 | 30 | PASS |
| Band66 | 3MHz | 64QAM  | 132657 | 1RB#8  | 19.86 | 23.62 | 30 | PASS |
| Band66 | 3MHz | 64QAM  | 132657 | 1RB#14 | 19.87 | 23.63 | 30 | PASS |
| Band66 | 3MHz | 64QAM  | 132657 | 15RB#0 | 18.88 | 22.64 | 30 | PASS |
| Band66 | 3MHz | 256QAM | 131987 | 1RB#0  | 16.13 | 19.89 | 30 | PASS |
| Band66 | 3MHz | 256QAM | 131987 | 1RB#8  | 16.19 | 19.95 | 30 | PASS |
| Band66 | 3MHz | 256QAM | 131987 | 1RB#14 | 16.33 | 20.09 | 30 | PASS |
| Band66 | 3MHz | 256QAM | 131987 | 15RB#0 | 16.52 | 20.28 | 30 | PASS |
| Band66 | 3MHz | 256QAM | 132322 | 1RB#0  | 16.32 | 20.08 | 30 | PASS |
| Band66 | 3MHz | 256QAM | 132322 | 1RB#8  | 16.56 | 20.32 | 30 | PASS |
| Band66 | 3MHz | 256QAM | 132322 | 1RB#14 | 16.56 | 20.32 | 30 | PASS |



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Report No.: SEWM2211000265RG01

Rev.: 01

Page: 5 of 14

|        |      |        |        |        |       |       |    |      |
|--------|------|--------|--------|--------|-------|-------|----|------|
| Band66 | 3MHz | 256QAM | 132322 | 15RB#0 | 16.46 | 20.22 | 30 | PASS |
| Band66 | 3MHz | 256QAM | 132657 | 1RB#0  | 16.84 | 20.6  | 30 | PASS |
| Band66 | 3MHz | 256QAM | 132657 | 1RB#8  | 16.9  | 20.66 | 30 | PASS |
| Band66 | 3MHz | 256QAM | 132657 | 1RB#14 | 16.55 | 20.31 | 30 | PASS |
| Band66 | 3MHz | 256QAM | 132657 | 15RB#0 | 16.81 | 20.57 | 30 | PASS |
| Band66 | 5MHz | QPSK   | 131997 | 1RB#0  | 21.07 | 24.83 | 30 | PASS |
| Band66 | 5MHz | QPSK   | 131997 | 1RB#12 | 21.18 | 24.94 | 30 | PASS |
| Band66 | 5MHz | QPSK   | 131997 | 1RB#24 | 21.24 | 25    | 30 | PASS |
| Band66 | 5MHz | QPSK   | 131997 | 25RB#0 | 20.17 | 23.93 | 30 | PASS |
| Band66 | 5MHz | QPSK   | 132322 | 1RB#0  | 20.23 | 23.99 | 30 | PASS |
| Band66 | 5MHz | QPSK   | 132322 | 1RB#12 | 21.43 | 25.19 | 30 | PASS |
| Band66 | 5MHz | QPSK   | 132322 | 1RB#24 | 21.24 | 25    | 30 | PASS |
| Band66 | 5MHz | QPSK   | 132322 | 25RB#0 | 20.37 | 24.13 | 30 | PASS |
| Band66 | 5MHz | QPSK   | 132647 | 1RB#0  | 21.63 | 25.39 | 30 | PASS |
| Band66 | 5MHz | QPSK   | 132647 | 1RB#12 | 21.74 | 25.5  | 30 | PASS |
| Band66 | 5MHz | QPSK   | 132647 | 1RB#24 | 21.72 | 25.48 | 30 | PASS |
| Band66 | 5MHz | QPSK   | 132647 | 25RB#0 | 20.69 | 24.45 | 30 | PASS |
| Band66 | 5MHz | 16QAM  | 131997 | 1RB#0  | 20.18 | 23.94 | 30 | PASS |
| Band66 | 5MHz | 16QAM  | 131997 | 1RB#12 | 20.23 | 23.99 | 30 | PASS |
| Band66 | 5MHz | 16QAM  | 131997 | 1RB#24 | 20.28 | 24.04 | 30 | PASS |
| Band66 | 5MHz | 16QAM  | 131997 | 25RB#0 | 19.18 | 22.94 | 30 | PASS |
| Band66 | 5MHz | 16QAM  | 132322 | 1RB#0  | 20.52 | 24.28 | 30 | PASS |
| Band66 | 5MHz | 16QAM  | 132322 | 1RB#12 | 20.54 | 24.3  | 30 | PASS |
| Band66 | 5MHz | 16QAM  | 132322 | 1RB#24 | 20.36 | 24.12 | 30 | PASS |
| Band66 | 5MHz | 16QAM  | 132322 | 25RB#0 | 19.37 | 23.13 | 30 | PASS |
| Band66 | 5MHz | 16QAM  | 132647 | 1RB#0  | 20.7  | 24.46 | 30 | PASS |
| Band66 | 5MHz | 16QAM  | 132647 | 1RB#12 | 20.79 | 24.55 | 30 | PASS |
| Band66 | 5MHz | 16QAM  | 132647 | 1RB#24 | 20.82 | 24.58 | 30 | PASS |
| Band66 | 5MHz | 16QAM  | 132647 | 25RB#0 | 19.65 | 23.41 | 30 | PASS |
| Band66 | 5MHz | 64QAM  | 131997 | 1RB#0  | 19.25 | 23.01 | 30 | PASS |
| Band66 | 5MHz | 64QAM  | 131997 | 1RB#12 | 19.37 | 23.13 | 30 | PASS |
| Band66 | 5MHz | 64QAM  | 131997 | 1RB#24 | 19.36 | 23.12 | 30 | PASS |



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Report No.: SEWM2211000265RG01

Rev.: 01

Page: 6 of 14

|        |       |        |        |        |       |       |    |      |
|--------|-------|--------|--------|--------|-------|-------|----|------|
| Band66 | 5MHz  | 64QAM  | 131997 | 25RB#0 | 18.32 | 22.08 | 30 | PASS |
| Band66 | 5MHz  | 64QAM  | 132322 | 1RB#0  | 19.51 | 23.27 | 30 | PASS |
| Band66 | 5MHz  | 64QAM  | 132322 | 1RB#12 | 19.58 | 23.34 | 30 | PASS |
| Band66 | 5MHz  | 64QAM  | 132322 | 1RB#24 | 19.56 | 23.32 | 30 | PASS |
| Band66 | 5MHz  | 64QAM  | 132322 | 25RB#0 | 18.57 | 22.33 | 30 | PASS |
| Band66 | 5MHz  | 64QAM  | 132647 | 1RB#0  | 19.79 | 23.55 | 30 | PASS |
| Band66 | 5MHz  | 64QAM  | 132647 | 1RB#12 | 19.86 | 23.62 | 30 | PASS |
| Band66 | 5MHz  | 64QAM  | 132647 | 1RB#24 | 19.85 | 23.61 | 30 | PASS |
| Band66 | 5MHz  | 64QAM  | 132647 | 25RB#0 | 18.81 | 22.57 | 30 | PASS |
| Band66 | 5MHz  | 256QAM | 131997 | 1RB#0  | 16.2  | 19.96 | 30 | PASS |
| Band66 | 5MHz  | 256QAM | 131997 | 1RB#12 | 16.32 | 20.08 | 30 | PASS |
| Band66 | 5MHz  | 256QAM | 131997 | 1RB#24 | 16.52 | 20.28 | 30 | PASS |
| Band66 | 5MHz  | 256QAM | 131997 | 25RB#0 | 16.3  | 20.06 | 30 | PASS |
| Band66 | 5MHz  | 256QAM | 132322 | 1RB#0  | 16.59 | 20.35 | 30 | PASS |
| Band66 | 5MHz  | 256QAM | 132322 | 1RB#12 | 16.36 | 20.12 | 30 | PASS |
| Band66 | 5MHz  | 256QAM | 132322 | 1RB#24 | 16.54 | 20.3  | 30 | PASS |
| Band66 | 5MHz  | 256QAM | 132322 | 25RB#0 | 16.45 | 20.21 | 30 | PASS |
| Band66 | 5MHz  | 256QAM | 132647 | 1RB#0  | 16.32 | 20.08 | 30 | PASS |
| Band66 | 5MHz  | 256QAM | 132647 | 1RB#12 | 16.25 | 20.01 | 30 | PASS |
| Band66 | 5MHz  | 256QAM | 132647 | 1RB#24 | 16.33 | 20.09 | 30 | PASS |
| Band66 | 5MHz  | 256QAM | 132647 | 25RB#0 | 16.25 | 20.01 | 30 | PASS |
| Band66 | 10MHz | QPSK   | 132022 | 1RB#0  | 21    | 24.76 | 30 | PASS |
| Band66 | 10MHz | QPSK   | 132022 | 1RB#24 | 21.23 | 24.99 | 30 | PASS |
| Band66 | 10MHz | QPSK   | 132022 | 1RB#49 | 21.29 | 25.05 | 30 | PASS |
| Band66 | 10MHz | QPSK   | 132022 | 50RB#0 | 20.18 | 23.94 | 30 | PASS |
| Band66 | 10MHz | QPSK   | 132322 | 1RB#0  | 21.33 | 25.09 | 30 | PASS |
| Band66 | 10MHz | QPSK   | 132322 | 1RB#24 | 21.43 | 25.19 | 30 | PASS |
| Band66 | 10MHz | QPSK   | 132322 | 1RB#49 | 21.38 | 25.14 | 30 | PASS |
| Band66 | 10MHz | QPSK   | 132322 | 50RB#0 | 20.39 | 24.15 | 30 | PASS |
| Band66 | 10MHz | QPSK   | 132622 | 1RB#0  | 21.58 | 25.34 | 30 | PASS |
| Band66 | 10MHz | QPSK   | 132622 | 1RB#24 | 21.66 | 25.42 | 30 | PASS |
| Band66 | 10MHz | QPSK   | 132622 | 1RB#49 | 21.7  | 25.46 | 30 | PASS |



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Report No.: SEWM2211000265RG01

Rev.: 01

Page: 7 of 14

|        |       |        |        |        |       |       |    |      |
|--------|-------|--------|--------|--------|-------|-------|----|------|
| Band66 | 10MHz | QPSK   | 132622 | 50RB#0 | 20.63 | 24.39 | 30 | PASS |
| Band66 | 10MHz | 16QAM  | 132022 | 1RB#0  | 20.12 | 23.88 | 30 | PASS |
| Band66 | 10MHz | 16QAM  | 132022 | 1RB#24 | 20.47 | 24.23 | 30 | PASS |
| Band66 | 10MHz | 16QAM  | 132022 | 1RB#49 | 20.41 | 24.17 | 30 | PASS |
| Band66 | 10MHz | 16QAM  | 132022 | 50RB#0 | 19.17 | 22.93 | 30 | PASS |
| Band66 | 10MHz | 16QAM  | 132322 | 1RB#0  | 20.47 | 24.23 | 30 | PASS |
| Band66 | 10MHz | 16QAM  | 132322 | 1RB#24 | 20.56 | 24.32 | 30 | PASS |
| Band66 | 10MHz | 16QAM  | 132322 | 1RB#49 | 20.46 | 24.22 | 30 | PASS |
| Band66 | 10MHz | 16QAM  | 132322 | 50RB#0 | 19.39 | 23.15 | 30 | PASS |
| Band66 | 10MHz | 16QAM  | 132622 | 1RB#0  | 20.77 | 24.53 | 30 | PASS |
| Band66 | 10MHz | 16QAM  | 132622 | 1RB#24 | 20.75 | 24.51 | 30 | PASS |
| Band66 | 10MHz | 16QAM  | 132622 | 1RB#49 | 20.79 | 24.55 | 30 | PASS |
| Band66 | 10MHz | 16QAM  | 132622 | 50RB#0 | 19.62 | 23.38 | 30 | PASS |
| Band66 | 10MHz | 64QAM  | 132022 | 1RB#0  | 19.3  | 23.06 | 30 | PASS |
| Band66 | 10MHz | 64QAM  | 132022 | 1RB#24 | 19.4  | 23.16 | 30 | PASS |
| Band66 | 10MHz | 64QAM  | 132022 | 1RB#49 | 19.47 | 23.23 | 30 | PASS |
| Band66 | 10MHz | 64QAM  | 132022 | 50RB#0 | 18.35 | 22.11 | 30 | PASS |
| Band66 | 10MHz | 64QAM  | 132322 | 1RB#0  | 19.45 | 23.21 | 30 | PASS |
| Band66 | 10MHz | 64QAM  | 132322 | 1RB#24 | 19.58 | 23.34 | 30 | PASS |
| Band66 | 10MHz | 64QAM  | 132322 | 1RB#49 | 19.53 | 23.29 | 30 | PASS |
| Band66 | 10MHz | 64QAM  | 132322 | 50RB#0 | 18.53 | 22.29 | 30 | PASS |
| Band66 | 10MHz | 64QAM  | 132622 | 1RB#0  | 19.8  | 23.56 | 30 | PASS |
| Band66 | 10MHz | 64QAM  | 132622 | 1RB#24 | 19.83 | 23.59 | 30 | PASS |
| Band66 | 10MHz | 64QAM  | 132622 | 1RB#49 | 19.56 | 23.32 | 30 | PASS |
| Band66 | 10MHz | 64QAM  | 132622 | 50RB#0 | 18.79 | 22.55 | 30 | PASS |
| Band66 | 10MHz | 256QAM | 132022 | 1RB#0  | 16.23 | 19.99 | 30 | PASS |
| Band66 | 10MHz | 256QAM | 132022 | 1RB#24 | 16.47 | 20.23 | 30 | PASS |
| Band66 | 10MHz | 256QAM | 132022 | 1RB#49 | 16.52 | 20.28 | 30 | PASS |
| Band66 | 10MHz | 256QAM | 132022 | 50RB#0 | 16.55 | 20.31 | 30 | PASS |
| Band66 | 10MHz | 256QAM | 132322 | 1RB#0  | 16.36 | 20.12 | 30 | PASS |
| Band66 | 10MHz | 256QAM | 132322 | 1RB#24 | 16.45 | 20.21 | 30 | PASS |
| Band66 | 10MHz | 256QAM | 132322 | 1RB#49 | 16.25 | 20.01 | 30 | PASS |



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Report No.: SEWM2211000265RG01

Rev.: 01

Page: 8 of 14

|        |       |        |        |        |       |       |    |      |
|--------|-------|--------|--------|--------|-------|-------|----|------|
| Band66 | 10MHz | 256QAM | 132322 | 50RB#0 | 16.32 | 20.08 | 30 | PASS |
| Band66 | 10MHz | 256QAM | 132622 | 1RB#0  | 16.81 | 20.57 | 30 | PASS |
| Band66 | 10MHz | 256QAM | 132622 | 1RB#24 | 16.85 | 20.61 | 30 | PASS |
| Band66 | 10MHz | 256QAM | 132622 | 1RB#49 | 16.88 | 20.64 | 30 | PASS |
| Band66 | 10MHz | 256QAM | 132622 | 50RB#0 | 16.45 | 20.21 | 30 | PASS |
| Band66 | 15MHz | QPSK   | 132047 | 1RB#0  | 20.95 | 24.71 | 30 | PASS |
| Band66 | 15MHz | QPSK   | 132047 | 1RB#38 | 21.28 | 25.04 | 30 | PASS |
| Band66 | 15MHz | QPSK   | 132047 | 1RB#74 | 21    | 24.76 | 30 | PASS |
| Band66 | 15MHz | QPSK   | 132047 | 75RB#0 | 20.28 | 24.04 | 30 | PASS |
| Band66 | 15MHz | QPSK   | 132322 | 1RB#0  | 21.26 | 25.02 | 30 | PASS |
| Band66 | 15MHz | QPSK   | 132322 | 1RB#38 | 21.41 | 25.17 | 30 | PASS |
| Band66 | 15MHz | QPSK   | 132322 | 1RB#74 | 21.42 | 25.18 | 30 | PASS |
| Band66 | 15MHz | QPSK   | 132322 | 75RB#0 | 20.38 | 24.14 | 30 | PASS |
| Band66 | 15MHz | QPSK   | 132597 | 1RB#0  | 21.46 | 25.22 | 30 | PASS |
| Band66 | 15MHz | QPSK   | 132597 | 1RB#38 | 21.65 | 25.41 | 30 | PASS |
| Band66 | 15MHz | QPSK   | 132597 | 1RB#74 | 21.65 | 25.41 | 30 | PASS |
| Band66 | 15MHz | QPSK   | 132597 | 75RB#0 | 20.67 | 24.43 | 30 | PASS |
| Band66 | 15MHz | 16QAM  | 132047 | 1RB#0  | 20.13 | 23.89 | 30 | PASS |
| Band66 | 15MHz | 16QAM  | 132047 | 1RB#38 | 20.44 | 24.2  | 30 | PASS |
| Band66 | 15MHz | 16QAM  | 132047 | 1RB#74 | 20.45 | 24.21 | 30 | PASS |
| Band66 | 15MHz | 16QAM  | 132047 | 75RB#0 | 19.25 | 23.01 | 30 | PASS |
| Band66 | 15MHz | 16QAM  | 132322 | 1RB#0  | 20.41 | 24.17 | 30 | PASS |
| Band66 | 15MHz | 16QAM  | 132322 | 1RB#38 | 20.53 | 24.29 | 30 | PASS |
| Band66 | 15MHz | 16QAM  | 132322 | 1RB#74 | 20.5  | 24.26 | 30 | PASS |
| Band66 | 15MHz | 16QAM  | 132322 | 75RB#0 | 19.39 | 23.15 | 30 | PASS |
| Band66 | 15MHz | 16QAM  | 132597 | 1RB#0  | 20.28 | 24.04 | 30 | PASS |
| Band66 | 15MHz | 16QAM  | 132597 | 1RB#38 | 20.78 | 24.54 | 30 | PASS |
| Band66 | 15MHz | 16QAM  | 132597 | 1RB#74 | 20.33 | 24.09 | 30 | PASS |
| Band66 | 15MHz | 16QAM  | 132597 | 75RB#0 | 19.64 | 23.4  | 30 | PASS |
| Band66 | 15MHz | 64QAM  | 132047 | 1RB#0  | 18.95 | 22.71 | 30 | PASS |
| Band66 | 15MHz | 64QAM  | 132047 | 1RB#38 | 19.4  | 23.16 | 30 | PASS |
| Band66 | 15MHz | 64QAM  | 132047 | 1RB#74 | 19.09 | 22.85 | 30 | PASS |



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Report No.: SEWM2211000265RG01

Rev.: 01

Page: 9 of 14

|        |       |        |        |         |       |       |    |      |
|--------|-------|--------|--------|---------|-------|-------|----|------|
| Band66 | 15MHz | 64QAM  | 132047 | 75RB#0  | 18.39 | 22.15 | 30 | PASS |
| Band66 | 15MHz | 64QAM  | 132322 | 1RB#0   | 19.14 | 22.9  | 30 | PASS |
| Band66 | 15MHz | 64QAM  | 132322 | 1RB#38  | 19.45 | 23.21 | 30 | PASS |
| Band66 | 15MHz | 64QAM  | 132322 | 1RB#74  | 19.59 | 23.35 | 30 | PASS |
| Band66 | 15MHz | 64QAM  | 132322 | 75RB#0  | 18.56 | 22.32 | 30 | PASS |
| Band66 | 15MHz | 64QAM  | 132597 | 1RB#0   | 19.32 | 23.08 | 30 | PASS |
| Band66 | 15MHz | 64QAM  | 132597 | 1RB#38  | 19.8  | 23.56 | 30 | PASS |
| Band66 | 15MHz | 64QAM  | 132597 | 1RB#74  | 19.53 | 23.29 | 30 | PASS |
| Band66 | 15MHz | 64QAM  | 132597 | 75RB#0  | 18.83 | 22.59 | 30 | PASS |
| Band66 | 15MHz | 256QAM | 132047 | 1RB#0   | 16.52 | 20.28 | 30 | PASS |
| Band66 | 15MHz | 256QAM | 132047 | 1RB#38  | 16.32 | 20.08 | 30 | PASS |
| Band66 | 15MHz | 256QAM | 132047 | 1RB#74  | 16.45 | 20.21 | 30 | PASS |
| Band66 | 15MHz | 256QAM | 132047 | 75RB#0  | 16.33 | 20.09 | 30 | PASS |
| Band66 | 15MHz | 256QAM | 132322 | 1RB#0   | 16.45 | 20.21 | 30 | PASS |
| Band66 | 15MHz | 256QAM | 132322 | 1RB#38  | 16.25 | 20.01 | 30 | PASS |
| Band66 | 15MHz | 256QAM | 132322 | 1RB#74  | 16.36 | 20.12 | 30 | PASS |
| Band66 | 15MHz | 256QAM | 132322 | 75RB#0  | 16.52 | 20.28 | 30 | PASS |
| Band66 | 15MHz | 256QAM | 132597 | 1RB#0   | 16.32 | 20.08 | 30 | PASS |
| Band66 | 15MHz | 256QAM | 132597 | 1RB#38  | 16.12 | 19.88 | 30 | PASS |
| Band66 | 15MHz | 256QAM | 132597 | 1RB#74  | 16.45 | 20.21 | 30 | PASS |
| Band66 | 15MHz | 256QAM | 132597 | 75RB#0  | 16.79 | 20.55 | 30 | PASS |
| Band66 | 20MHz | QPSK   | 132072 | 1RB#0   | 20.91 | 24.67 | 30 | PASS |
| Band66 | 20MHz | QPSK   | 132072 | 1RB#49  | 21.36 | 25.12 | 30 | PASS |
| Band66 | 20MHz | QPSK   | 132072 | 1RB#99  | 21.35 | 25.11 | 30 | PASS |
| Band66 | 20MHz | QPSK   | 132072 | 100RB#0 | 20.36 | 24.12 | 30 | PASS |
| Band66 | 20MHz | QPSK   | 132322 | 1RB#0   | 21.2  | 24.96 | 30 | PASS |
| Band66 | 20MHz | QPSK   | 132322 | 1RB#49  | 21.42 | 25.18 | 30 | PASS |
| Band66 | 20MHz | QPSK   | 132322 | 1RB#99  | 21.43 | 25.19 | 30 | PASS |
| Band66 | 20MHz | QPSK   | 132322 | 100RB#0 | 20.41 | 24.17 | 30 | PASS |
| Band66 | 20MHz | QPSK   | 132572 | 1RB#0   | 21.36 | 25.12 | 30 | PASS |
| Band66 | 20MHz | QPSK   | 132572 | 1RB#49  | 21.24 | 25    | 30 | PASS |
| Band66 | 20MHz | QPSK   | 132572 | 1RB#99  | 21.63 | 25.39 | 30 | PASS |



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Report No.: SEWM2211000265RG01

Rev.: 01

Page: 10 of 14

|        |       |        |        |         |       |       |    |      |
|--------|-------|--------|--------|---------|-------|-------|----|------|
| Band66 | 20MHz | QPSK   | 132572 | 100RB#0 | 20.76 | 24.52 | 30 | PASS |
| Band66 | 20MHz | 16QAM  | 132072 | 1RB#0   | 20.06 | 23.82 | 30 | PASS |
| Band66 | 20MHz | 16QAM  | 132072 | 1RB#49  | 20.46 | 24.22 | 30 | PASS |
| Band66 | 20MHz | 16QAM  | 132072 | 1RB#99  | 20.43 | 24.19 | 30 | PASS |
| Band66 | 20MHz | 16QAM  | 132072 | 100RB#0 | 19.29 | 23.05 | 30 | PASS |
| Band66 | 20MHz | 16QAM  | 132322 | 1RB#0   | 20.34 | 24.1  | 30 | PASS |
| Band66 | 20MHz | 16QAM  | 132322 | 1RB#49  | 20.53 | 24.29 | 30 | PASS |
| Band66 | 20MHz | 16QAM  | 132322 | 1RB#99  | 20.58 | 24.34 | 30 | PASS |
| Band66 | 20MHz | 16QAM  | 132322 | 100RB#0 | 19.38 | 23.14 | 30 | PASS |
| Band66 | 20MHz | 16QAM  | 132572 | 1RB#0   | 20.46 | 24.22 | 30 | PASS |
| Band66 | 20MHz | 16QAM  | 132572 | 1RB#49  | 20.68 | 24.44 | 30 | PASS |
| Band66 | 20MHz | 16QAM  | 132572 | 1RB#99  | 20.76 | 24.52 | 30 | PASS |
| Band66 | 20MHz | 16QAM  | 132572 | 100RB#0 | 19.68 | 23.44 | 30 | PASS |
| Band66 | 20MHz | 64QAM  | 132072 | 1RB#0   | 19.01 | 22.77 | 30 | PASS |
| Band66 | 20MHz | 64QAM  | 132072 | 1RB#49  | 19.46 | 23.22 | 30 | PASS |
| Band66 | 20MHz | 64QAM  | 132072 | 1RB#99  | 19.5  | 23.26 | 30 | PASS |
| Band66 | 20MHz | 64QAM  | 132072 | 100RB#0 | 18.48 | 22.24 | 30 | PASS |
| Band66 | 20MHz | 64QAM  | 132322 | 1RB#0   | 19.36 | 23.12 | 30 | PASS |
| Band66 | 20MHz | 64QAM  | 132322 | 1RB#49  | 19.62 | 23.38 | 30 | PASS |
| Band66 | 20MHz | 64QAM  | 132322 | 1RB#99  | 19.56 | 23.32 | 30 | PASS |
| Band66 | 20MHz | 64QAM  | 132322 | 100RB#0 | 18.57 | 22.33 | 30 | PASS |
| Band66 | 20MHz | 64QAM  | 132572 | 1RB#0   | 19.53 | 23.29 | 30 | PASS |
| Band66 | 20MHz | 64QAM  | 132572 | 1RB#49  | 19.48 | 23.24 | 30 | PASS |
| Band66 | 20MHz | 64QAM  | 132572 | 1RB#99  | 19.76 | 23.52 | 30 | PASS |
| Band66 | 20MHz | 64QAM  | 132572 | 100RB#0 | 18.87 | 22.63 | 30 | PASS |
| Band66 | 20MHz | 256QAM | 132072 | 1RB#0   | 16.32 | 20.08 | 30 | PASS |
| Band66 | 20MHz | 256QAM | 132072 | 1RB#49  | 16.25 | 20.01 | 30 | PASS |
| Band66 | 20MHz | 256QAM | 132072 | 1RB#99  | 16.45 | 20.21 | 30 | PASS |
| Band66 | 20MHz | 256QAM | 132072 | 100RB#0 | 16.36 | 20.12 | 30 | PASS |
| Band66 | 20MHz | 256QAM | 132322 | 1RB#0   | 16.52 | 20.28 | 30 | PASS |
| Band66 | 20MHz | 256QAM | 132322 | 1RB#49  | 16.63 | 20.39 | 30 | PASS |
| Band66 | 20MHz | 256QAM | 132322 | 1RB#99  | 16.33 | 20.09 | 30 | PASS |



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Report No.: SEWM2211000265RG01

Rev.: 01

Page: 11 of 14

|        |       |        |        |         |       |       |    |      |
|--------|-------|--------|--------|---------|-------|-------|----|------|
| Band66 | 20MHz | 256QAM | 132322 | 100RB#0 | 16.25 | 20.01 | 30 | PASS |
| Band66 | 20MHz | 256QAM | 132572 | 1RB#0   | 16.61 | 20.37 | 30 | PASS |
| Band66 | 20MHz | 256QAM | 132572 | 1RB#49  | 16.45 | 20.21 | 30 | PASS |
| Band66 | 20MHz | 256QAM | 132572 | 1RB#99  | 16.9  | 20.66 | 30 | PASS |
| Band66 | 20MHz | 256QAM | 132572 | 100RB#0 | 16.84 | 20.6  | 30 | PASS |



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

Report No.: SEWM2211000265RG01  
 Rev.: 01  
 Page: 12 of 14

## Field Strength of Spurious Radiation

**Test Band = LTE Band66\_ TM1**

**Test Channel = Low**

### Final Data List

| NO. | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------------|--------------|------------|
| 1   | 3404.1800          | 41.79             | -46.28         | 29.43    | -70.32         | -13.00         | 57.32          | 169            | 245          | Horizontal |
| 2   | 5106.2700          | 39.86             | -45.36         | 32.94    | -67.83         | -13.00         | 54.83          | 185            | 3            | Horizontal |
| 3   | 6808.3600          | 40.21             | -44.16         | 35.85    | -63.36         | -13.00         | 50.36          | 174            | 274          | Horizontal |
| 4   | 8510.4500          | 37.47             | -41.59         | 37.56    | -61.82         | -13.00         | 48.82          | 126            | 259          | Horizontal |
| 5   | 10212.5400         | 34.58             | -39.45         | 38.81    | -61.31         | -13.00         | 48.31          | 135            | 214          | Horizontal |
| 6   | 11914.6300         | 33.23             | -37.18         | 38.88    | -60.33         | -13.00         | 47.33          | 188            | 231          | Horizontal |

### Final Data List

| NO. | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
|-----|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------------|--------------|----------|
| 1   | 3404.1800          | 41.96             | -46.28         | 29.43    | -70.15         | -13.00         | 57.15          | 248            | 122          | Vertical |
| 2   | 5106.2700          | 39.44             | -45.36         | 32.94    | -68.25         | -13.00         | 55.25          | 136            | 76           | Vertical |
| 3   | 6808.3600          | 40.16             | -44.16         | 35.85    | -63.41         | -13.00         | 50.41          | 256            | 360          | Vertical |
| 4   | 8510.4500          | 37.47             | -41.59         | 37.56    | -61.82         | -13.00         | 48.82          | 291            | 198          | Vertical |
| 5   | 10212.5400         | 35.04             | -39.45         | 38.81    | -60.85         | -13.00         | 47.85          | 175            | 259          | Vertical |
| 6   | 11914.6300         | 33.19             | -37.18         | 38.88    | -60.37         | -13.00         | 47.37          | 144            | 336          | Vertical |



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Report No.: SEWM2211000265RG01

Rev.: 01

Page: 13 of 14

**Test Band = LTE Band66\_ TM1**
**Test Channel = Mid**
**Final Data List**

| NO. | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------------|--------------|------------|
| 1   | 3454.1800          | 42.14             | -46.27         | 29.48    | -69.91         | -13.00         | 56.91          | 254            | 152          | Horizontal |
| 2   | 5181.2700          | 40.16             | -45.30         | 32.98    | -67.42         | -13.00         | 54.42          | 165            | 135          | Horizontal |
| 3   | 6908.3600          | 39.28             | -44.05         | 35.97    | -64.06         | -13.00         | 51.06          | 185            | 105          | Horizontal |
| 4   | 8635.4500          | 37.53             | -41.46         | 37.81    | -61.38         | -13.00         | 48.38          | 199            | 212          | Horizontal |
| 5   | 10362.5400         | 34.37             | -39.04         | 38.85    | -61.08         | -13.00         | 48.08          | 175            | 122          | Horizontal |
| 6   | 12089.6300         | 33.33             | -37.37         | 39.04    | -60.26         | -13.00         | 47.26          | 142            | 60           | Horizontal |

**Final Data List**

| NO. | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
|-----|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------------|--------------|----------|
| 1   | 3454.1800          | 41.95             | -46.27         | 29.48    | -70.10         | -13.00         | 57.10          | 235            | 167          | Vertical |
| 2   | 5181.2700          | 40.16             | -45.30         | 32.98    | -67.42         | -13.00         | 54.42          | 125            | 105          | Vertical |
| 3   | 6908.3600          | 40.14             | -44.05         | 35.97    | -63.20         | -13.00         | 50.20          | 126            | 74           | Vertical |
| 4   | 8635.4500          | 37.67             | -41.46         | 37.81    | -61.24         | -13.00         | 48.24          | 125            | 74           | Vertical |
| 5   | 10362.5400         | 34.32             | -39.04         | 38.85    | -61.13         | -13.00         | 48.13          | 199            | 74           | Vertical |
| 6   | 12089.6300         | 34.17             | -37.37         | 39.04    | -59.42         | -13.00         | 46.42          | 168            | 243          | Vertical |



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Report No.: SEWM2211000265RG01  
 Rev.: 01  
 Page: 14 of 14

**Test Band = LTE Band66\_ TM1**

**Test Channel = High**

**Final Data List**

| NO. | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------------|--------------|------------|
| 1   | 3504.1800          | 42.16             | -46.25         | 29.52    | -69.83         | -13.00         | 56.83          | 254            | 335          | Horizontal |
| 2   | 5256.2700          | 40.35             | -45.17         | 32.94    | -67.15         | -13.00         | 54.15          | 126            | 30           | Horizontal |
| 3   | 7008.3600          | 39.52             | -43.61         | 36.10    | -63.25         | -13.00         | 50.25          | 258            | 358          | Horizontal |
| 4   | 8760.4500          | 37.28             | -41.42         | 38.02    | -61.39         | -13.00         | 48.39          | 148            | 44           | Horizontal |
| 5   | 10512.5400         | 34.29             | -38.76         | 38.97    | -60.76         | -13.00         | 47.76          | 159            | 136          | Horizontal |
| 6   | 12262.6300         | 33.90             | -37.44         | 39.11    | -59.69         | -13.00         | 46.69          | 166            | 196          | Horizontal |

**Final Data List**

| NO. | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
|-----|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------------|--------------|----------|
| 1   | 3504.1800          | 42.72             | -46.25         | 29.52    | -69.27         | -13.00         | 56.27          | 245            | 360          | Vertical |
| 2   | 5256.2700          | 40.02             | -45.17         | 32.94    | -67.48         | -13.00         | 54.48          | 125            | 4            | Vertical |
| 3   | 7008.3600          | 39.32             | -43.61         | 36.10    | -63.45         | -13.00         | 50.45          | 261            | 359          | Vertical |
| 4   | 8760.4500          | 37.65             | -41.42         | 38.02    | -61.02         | -13.00         | 48.02          | 166            | 198          | Vertical |
| 5   | 10512.5400         | 34.48             | -38.76         | 38.97    | -60.57         | -13.00         | 47.57          | 215            | 135          | Vertical |
| 6   | 12262.6300         | 33.57             | -37.44         | 39.11    | -60.02         | -13.00         | 47.02          | 185            | 360          | 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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