

APPENDIX H: LTE AND NR LOWER BANDWIDTH RF CONDUCTED POWERS

Note: Some bands do not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

H.1 LTE Lower Bandwidth RF Conducted Powers

H.1.1 LTE Band 12 Antenna A

Table H-1
LTE Band 12 Antenna A Measured P_{Max} for all ECI - 5 MHz Bandwidth

| LTE Band 12 5 MHz Bandwidth | | | | | | | |
|--------------------------------|---------|-----------|----------------------|----------------------|----------------------|------------------------------|----------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 23035 (701.5 MHz) | 23095 (707.5 MHz) | 23155 (713.5 MHz) | | |
| Conducted Power [dBm] | | | | | | | |
| QPSK | 1 | 0 | 23.68 | 23.77 | 23.73 | 0 | 0 |
| | 1 | 12 | 23.74 | 23.78 | 23.87 | | 0 |
| | 1 | 24 | 23.76 | 23.69 | 23.96 | | 0 |
| | 12 | 0 | 22.77 | 22.74 | 22.89 | 0-1 | 1 |
| | 12 | 6 | 22.77 | 22.79 | 22.88 | | 1 |
| | 12 | 13 | 22.75 | 22.74 | 22.90 | | 1 |
| 16QAM | 25 | 0 | 22.78 | 22.81 | 22.93 | 0-1 | 1 |
| | 1 | 0 | 23.17 | 23.18 | 23.16 | | 1 |
| | 1 | 12 | 23.21 | 23.24 | 23.11 | | 1 |
| | 1 | 24 | 23.04 | 23.06 | 23.22 | 0-2 | 1 |
| | 12 | 0 | 21.83 | 21.83 | 21.94 | | 2 |
| | 12 | 6 | 21.81 | 21.80 | 21.89 | | 2 |
| 64QAM | 12 | 13 | 21.80 | 21.82 | 21.97 | 0-2 | 2 |
| | 25 | 0 | 21.78 | 21.80 | 21.92 | | 2 |
| | 1 | 0 | 21.88 | 21.95 | 22.00 | | 2 |
| | 1 | 12 | 21.91 | 22.03 | 22.06 | 0-3 | 2 |
| | 1 | 24 | 21.99 | 21.89 | 22.15 | | 2 |
| | 12 | 0 | 20.79 | 20.80 | 20.92 | | 3 |
| 256QAM | 12 | 6 | 20.76 | 20.76 | 20.85 | 0-3 | 3 |
| | 12 | 13 | 20.81 | 20.79 | 20.87 | | 3 |
| | 25 | 0 | 20.74 | 20.73 | 20.85 | | 3 |
| | 1 | 0 | 18.88 | 18.90 | 18.84 | 0-5 | 5 |
| | 1 | 12 | 18.82 | 18.92 | 19.01 | | 5 |
| | 1 | 24 | 18.85 | 18.74 | 18.96 | | 5 |
| 12 | 0 | 18.72 | 18.73 | 18.87 | 5 | | |
| 12 | 6 | 18.70 | 18.73 | 18.80 | 5 | | |
| 12 | 13 | 18.70 | 18.74 | 18.85 | 5 | | |
| 25 | 0 | 18.75 | 18.74 | 18.90 | 5 | | |

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Table H-2
LTE Band 12 Antenna A Measured P_{Max} for all ECI - 3 MHz Bandwidth

| LTE Band 12 3 MHz Bandwidth | | | | | | | |
|--------------------------------|---------|-----------|----------------------|----------------------|----------------------|------------------------------|----------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 23025 (700.5 MHz) | 23095 (707.5 MHz) | 23165 (714.5 MHz) | | |
| Conducted Power [dBm] | | | | | | | |
| QPSK | 1 | 0 | 23.69 | 23.70 | 23.76 | 0 | 0 |
| | 1 | 7 | 23.65 | 23.67 | 23.81 | | 0 |
| | 1 | 14 | 23.62 | 23.65 | 23.89 | | 0 |
| | 8 | 0 | 22.69 | 22.72 | 22.90 | 0-1 | 1 |
| | 8 | 4 | 22.71 | 22.75 | 22.86 | | 1 |
| | 8 | 7 | 22.66 | 22.74 | 22.88 | | 1 |
| 16QAM | 15 | 0 | 22.70 | 22.76 | 22.88 | 0-1 | 1 |
| | 1 | 0 | 22.99 | 23.10 | 23.21 | | 1 |
| | 1 | 7 | 23.08 | 23.08 | 23.09 | | 1 |
| | 1 | 14 | 23.04 | 23.04 | 23.20 | 0-2 | 1 |
| | 8 | 0 | 21.77 | 21.77 | 21.95 | | 2 |
| | 8 | 4 | 21.77 | 21.77 | 21.92 | | 2 |
| 64QAM | 8 | 7 | 21.76 | 21.83 | 21.96 | 0-2 | 2 |
| | 15 | 0 | 21.71 | 21.76 | 21.91 | | 2 |
| | 1 | 0 | 21.84 | 21.91 | 22.01 | | 0-3 |
| | 1 | 7 | 21.87 | 21.88 | 22.05 | 2 | |
| | 1 | 14 | 21.90 | 21.93 | 22.08 | 2 | |
| | 256QAM | 8 | 0 | 20.70 | 20.71 | 20.85 | 0-3 |
| 8 | | 4 | 20.69 | 20.74 | 20.82 | 3 | |
| 8 | | 7 | 20.65 | 20.70 | 20.93 | 3 | |
| 15 | | 0 | 20.69 | 20.72 | 20.91 | 0-5 | 3 |
| 1 | | 0 | 18.84 | 18.82 | 18.90 | | 5 |
| 1 | | 7 | 18.78 | 18.72 | 18.92 | | 5 |
| 256QAM | 1 | 14 | 18.75 | 18.78 | 19.00 | 0-5 | 5 |
| | 8 | 0 | 18.72 | 18.69 | 18.86 | | 5 |
| | 8 | 4 | 18.67 | 18.72 | 18.83 | | 5 |
| | 8 | 7 | 18.66 | 18.70 | 18.91 | 5 | |
| | 15 | 0 | 18.70 | 18.68 | 18.85 | 5 | |

Table H-3
LTE Band 12 Antenna A Measured P_{Max} for all ECI - 1.4 MHz Bandwidth

| LTE Band 12 1.4 MHz Bandwidth | | | | | | | |
|----------------------------------|---------|-----------|----------------------|----------------------|----------------------|------------------------------|----------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 23017 (699.7 MHz) | 23095 (707.5 MHz) | 23173 (715.3 MHz) | | |
| Conducted Power [dBm] | | | | | | | |
| QPSK | 1 | 0 | 23.68 | 23.78 | 23.90 | 0 | 0 |
| | 1 | 2 | 23.59 | 23.70 | 23.88 | | 0 |
| | 1 | 5 | 23.63 | 23.69 | 23.91 | | 0 |
| | 3 | 0 | 23.62 | 23.66 | 23.86 | 0-1 | 0 |
| | 3 | 2 | 23.60 | 23.68 | 23.85 | | 0 |
| | 3 | 3 | 23.65 | 23.70 | 23.87 | | 0 |
| 16QAM | 6 | 0 | 22.64 | 22.72 | 22.88 | 0-1 | 1 |
| | 1 | 0 | 22.90 | 23.16 | 23.13 | | 1 |
| | 1 | 2 | 22.99 | 23.10 | 23.21 | | 1 |
| | 1 | 5 | 23.08 | 23.03 | 23.25 | 0-1 | 1 |
| | 3 | 0 | 22.78 | 22.87 | 22.93 | | 1 |
| | 3 | 2 | 22.72 | 22.75 | 22.90 | | 1 |
| 64QAM | 3 | 3 | 22.75 | 22.79 | 22.95 | 0-2 | 1 |
| | 6 | 0 | 21.75 | 21.75 | 21.94 | | 2 |
| | 1 | 0 | 21.88 | 21.90 | 21.96 | | 0-2 |
| | 1 | 2 | 21.83 | 21.87 | 22.12 | 2 | |
| | 1 | 5 | 21.85 | 21.94 | 22.05 | 2 | |
| | 256QAM | 3 | 0 | 21.71 | 21.69 | 21.90 | 0-3 |
| 3 | | 2 | 21.66 | 21.72 | 21.87 | 2 | |
| 3 | | 3 | 21.75 | 21.75 | 21.96 | 2 | |
| 6 | | 0 | 20.64 | 20.69 | 20.88 | 0-5 | 3 |
| 1 | | 0 | 18.74 | 18.92 | 18.88 | | 5 |
| 1 | | 2 | 18.85 | 18.65 | 18.91 | | 5 |
| 256QAM | 1 | 5 | 18.78 | 18.85 | 18.99 | 0-5 | 5 |
| | 3 | 0 | 18.70 | 18.80 | 18.95 | | 5 |
| | 3 | 2 | 18.73 | 18.75 | 18.92 | | 5 |
| | 3 | 3 | 18.77 | 18.80 | 18.98 | 5 | |
| | 6 | 0 | 18.70 | 18.73 | 18.83 | 5 | |

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H.1.2 LTE Band 26 Antenna A

Table H-4

LTE Band 26 (Cell) Antenna A Measured P_{Max} for all ECI - 10 MHz Bandwidth

| LTE Band 26 (Cell) 10 MHz Bandwidth | | | | | | | | |
|--|---------|-----------|-----------------------|----------------------|----------------------|------------------------------|----------|-----|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] | |
| | | | 26740 (819.0 MHz) | 26865 (831.5 MHz) | 26990 (844.0 MHz) | | | |
| | | | Conducted Power [dBm] | | | | | |
| QPSK | 1 | 0 | 23.60 | 23.70 | 23.73 | 0 | 0 | |
| | 1 | 25 | 23.56 | 23.63 | 23.65 | | 0 | |
| | 1 | 49 | 23.71 | 23.64 | 23.70 | | 0 | |
| | QPSK | 25 | 0 | 22.66 | 22.71 | 22.78 | 0-1 | 1 |
| | | 25 | 12 | 22.60 | 22.74 | 22.74 | | 1 |
| | | 25 | 25 | 22.67 | 22.75 | 22.76 | | 1 |
| | | 50 | 0 | 22.67 | 22.72 | 22.78 | | 1 |
| 1 | | 0 | 22.96 | 23.18 | 23.22 | 1 | | |
| 16QAM | 1 | 25 | 22.90 | 23.01 | 23.07 | 0-1 | 1 | |
| | 1 | 49 | 23.03 | 23.01 | 23.13 | | 1 | |
| | 25 | 0 | 21.64 | 21.71 | 21.75 | | 2 | |
| | 16QAM | 25 | 12 | 21.59 | 21.73 | 21.77 | 0-2 | 2 |
| | | 25 | 25 | 21.61 | 21.72 | 21.78 | | 2 |
| | | 50 | 0 | 21.65 | 21.69 | 21.77 | | 2 |
| | | 1 | 0 | 21.83 | 21.97 | 22.00 | | 0-2 |
| 1 | | 25 | 21.78 | 21.91 | 21.85 | 2 | | |
| 1 | 49 | 21.88 | 21.92 | 21.96 | 2 | | | |
| 64QAM | 25 | 0 | 20.64 | 20.68 | 20.74 | 0-3 | 3 | |
| | 25 | 12 | 20.56 | 20.72 | 20.72 | | 3 | |
| | 25 | 25 | 20.63 | 20.69 | 20.72 | | 3 | |
| | 50 | 0 | 20.63 | 20.68 | 20.75 | | 3 | |
| | 1 | 0 | 18.81 | 18.86 | 18.85 | | 0-5 | 5 |
| 256QAM | 1 | 25 | 18.77 | 18.81 | 18.80 | 5 | | |
| | 1 | 49 | 18.82 | 18.84 | 18.90 | 5 | | |
| | 25 | 0 | 18.62 | 18.68 | 18.76 | 5 | | |
| | 25 | 12 | 18.60 | 18.71 | 18.70 | 5 | | |
| | 25 | 25 | 18.61 | 18.69 | 18.70 | 5 | | |
| | 50 | 0 | 18.65 | 18.67 | 18.74 | 5 | | |

Table H-5

LTE Band 26 (Cell) Antenna A Measured P_{Max} for all ECI - 5 MHz Bandwidth

| LTE Band 26 (Cell) 5 MHz Bandwidth | | | | | | | | |
|---------------------------------------|---------|-----------|-----------------------|----------------------|----------------------|------------------------------|----------|---|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] | |
| | | | 26715 (816.5 MHz) | 26865 (831.5 MHz) | 27015 (846.5 MHz) | | | |
| | | | Conducted Power [dBm] | | | | | |
| QPSK | 1 | 0 | 23.56 | 23.75 | 23.72 | 0 | 0 | |
| | 1 | 12 | 23.63 | 23.70 | 23.70 | | 0 | |
| | 1 | 24 | 23.58 | 23.65 | 23.69 | | 0 | |
| | QPSK | 12 | 0 | 22.61 | 22.78 | 22.77 | 0-1 | 1 |
| | | 12 | 6 | 22.65 | 22.72 | 22.81 | | 1 |
| | | 12 | 13 | 22.68 | 22.77 | 22.78 | | 1 |
| | | 25 | 0 | 22.66 | 22.79 | 22.79 | | 1 |
| 1 | | 0 | 22.97 | 23.05 | 23.01 | 0-1 | | 1 |
| 16QAM | 1 | 12 | 22.97 | 22.88 | 23.05 | | 1 | |
| | 1 | 24 | 22.98 | 22.99 | 23.04 | | 1 | |
| | 12 | 0 | 21.67 | 21.82 | 21.85 | | 0-2 | 2 |
| | 12 | 6 | 21.69 | 21.82 | 21.84 | | | 2 |
| | 12 | 13 | 21.68 | 21.87 | 21.85 | 2 | | |
| 64QAM | 25 | 0 | 21.68 | 21.77 | 21.82 | 0-2 | 2 | |
| | 1 | 0 | 21.83 | 21.92 | 21.97 | | 2 | |
| | 1 | 12 | 21.87 | 21.98 | 22.02 | | 2 | |
| | 1 | 24 | 21.85 | 21.90 | 21.92 | | 2 | |
| | 12 | 0 | 20.67 | 20.77 | 20.80 | | 0-3 | 3 |
| | 12 | 6 | 20.70 | 20.77 | 20.80 | | | 3 |
| | 12 | 13 | 20.68 | 20.81 | 20.83 | | | 3 |
| 256QAM | 25 | 0 | 20.65 | 20.76 | 20.77 | 0-5 | 3 | |
| | 1 | 0 | 18.75 | 18.89 | 18.83 | | 5 | |
| | 1 | 12 | 18.76 | 18.93 | 18.92 | | 5 | |
| | 1 | 24 | 18.71 | 18.85 | 18.86 | | 5 | |
| | 12 | 0 | 18.62 | 18.70 | 18.75 | | 5 | |
| | 12 | 6 | 18.62 | 18.73 | 18.75 | | 5 | |
| | 12 | 13 | 18.60 | 18.73 | 18.73 | | 5 | |
| 25 | 0 | 18.62 | 18.76 | 18.78 | 5 | | | |

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Table H-6
LTE Band 26 (Cell) Antenna A Measured P_{Max} for all ECI - 3 MHz Bandwidth

| LTE Band 26 (Cell) 3 MHz Bandwidth | | | | | | | |
|---------------------------------------|---------|-----------|----------------------|----------------------|----------------------|---------------------------|----------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 26705 (815.5 MHz) | 26865 (831.5 MHz) | 27025 (847.5 MHz) | | |
| Conducted Power [dBm] | | | | | | | |
| QPSK | 1 | 0 | 23.56 | 23.59 | 23.67 | 0 | 0 |
| | 1 | 7 | 23.53 | 23.63 | 23.69 | | 0 |
| | 1 | 14 | 23.53 | 23.57 | 23.71 | | 0 |
| | 8 | 0 | 22.54 | 22.64 | 22.78 | 0-1 | 1 |
| | 8 | 4 | 22.58 | 22.71 | 22.76 | | 1 |
| | 8 | 7 | 22.60 | 22.68 | 22.73 | | 1 |
| 16QAM | 15 | 0 | 22.58 | 22.71 | 22.73 | 0-1 | 1 |
| | 1 | 0 | 22.81 | 22.86 | 23.01 | | 1 |
| | 1 | 7 | 22.89 | 23.04 | 23.06 | | 1 |
| | 8 | 0 | 21.65 | 21.81 | 21.85 | 0-2 | 2 |
| | 8 | 4 | 21.66 | 21.85 | 21.83 | | 2 |
| | 8 | 7 | 21.70 | 21.81 | 21.80 | | 2 |
| 64QAM | 15 | 0 | 21.58 | 21.74 | 21.79 | 0-2 | 2 |
| | 1 | 0 | 21.76 | 21.90 | 21.90 | | 2 |
| | 1 | 7 | 21.80 | 21.86 | 21.94 | | 2 |
| | 1 | 14 | 21.79 | 21.83 | 21.88 | 0-3 | 2 |
| | 8 | 0 | 20.58 | 20.74 | 20.76 | | 3 |
| | 8 | 4 | 20.58 | 20.70 | 20.74 | | 3 |
| 256QAM | 8 | 7 | 20.68 | 20.67 | 20.74 | 0-3 | 3 |
| | 15 | 0 | 20.61 | 20.74 | 20.74 | | 3 |
| | 1 | 0 | 18.63 | 18.77 | 18.77 | | 0-5 |
| | 1 | 7 | 18.69 | 18.87 | 18.88 | 5 | |
| | 1 | 14 | 18.65 | 18.85 | 18.83 | 5 | |
| | 8 | 0 | 18.60 | 18.69 | 18.76 | 5 | |
| 8 | 4 | 18.60 | 18.71 | 18.74 | 5 | | |
| 8 | 7 | 18.65 | 18.70 | 18.73 | 5 | | |
| 15 | 0 | 18.59 | 18.70 | 18.70 | 5 | | |

Table H-7
LTE Band 26 (Cell) Antenna A Measured P_{Max} for all ECI - 1.4 MHz Bandwidth

| LTE Band 26 (Cell) 1.4 MHz Bandwidth | | | | | | | | |
|---|---------|-----------|----------------------|----------------------|----------------------|---------------------------|----------|---|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] | |
| | | | 26697 (814.7 MHz) | 26865 (831.5 MHz) | 27033 (848.3 MHz) | | | |
| Conducted Power [dBm] | | | | | | | | |
| QPSK | 1 | 0 | 23.54 | 23.73 | 23.65 | 0 | 0 | |
| | 1 | 2 | 23.51 | 23.75 | 23.70 | | 0 | |
| | 1 | 5 | 23.51 | 23.66 | 23.66 | | 0 | |
| | 3 | 0 | 23.59 | 23.67 | 23.69 | 0-1 | 0 | |
| | 3 | 2 | 23.54 | 23.66 | 23.69 | | 0 | |
| | 3 | 3 | 23.55 | 23.66 | 23.72 | | 0 | |
| 16QAM | 6 | 0 | 22.60 | 22.69 | 22.71 | 0-1 | 1 | |
| | 1 | 0 | 22.89 | 23.03 | 23.08 | | 1 | |
| | 1 | 2 | 22.81 | 22.92 | 23.01 | | 1 | |
| | 1 | 5 | 22.89 | 23.02 | 22.93 | 0-1 | 1 | |
| | 3 | 0 | 22.71 | 22.76 | 22.93 | | 1 | |
| | 3 | 2 | 22.74 | 22.84 | 22.87 | | 1 | |
| 64QAM | 3 | 3 | 22.73 | 22.90 | 22.81 | 0-2 | 1 | |
| | 6 | 0 | 21.63 | 21.80 | 21.83 | | 2 | |
| | 1 | 0 | 21.77 | 21.91 | 21.85 | | 0-2 | 2 |
| | 1 | 2 | 21.74 | 21.89 | 21.93 | 2 | | |
| | 1 | 5 | 21.78 | 21.82 | 21.78 | 2 | | |
| | 3 | 0 | 21.59 | 21.72 | 21.79 | 2 | | |
| 3 | 2 | 21.60 | 21.68 | 21.75 | 2 | | | |
| 3 | 3 | 21.64 | 21.68 | 21.81 | 2 | | | |
| 256QAM | 6 | 0 | 20.61 | 20.72 | 20.78 | 0-3 | 3 | |
| | 1 | 0 | 18.64 | 18.89 | 18.85 | | 0-5 | 5 |
| | 1 | 2 | 18.58 | 18.79 | 18.74 | | | 5 |
| | 1 | 5 | 18.67 | 18.88 | 18.85 | 5 | | |
| | 3 | 0 | 18.61 | 18.80 | 18.81 | 5 | | |
| | 3 | 2 | 18.65 | 18.77 | 18.77 | 5 | | |
| 3 | 3 | 18.69 | 18.78 | 18.80 | 5 | | | |
| 6 | 0 | 18.59 | 18.70 | 18.75 | 5 | | | |

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H.1.3 LTE Band 66 Antenna B

Table H-8

LTE Band 66 (AWS) Antenna B Measured P_{Max} and/or ECI =1 (Head) - 15 MHz Bandwidth

| LTE Band 66 (AWS) 15 MHz Bandwidth | | | | | | | |
|---------------------------------------|---------|-----------|------------------------|------------------------|------------------------|------------------------------|----------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 132047 (1717.5 MHz) | 132322 (1745.0 MHz) | 132597 (1772.5 MHz) | | |
| | | | Conducted Power [dBm] | | | | |
| QPSK | 1 | 0 | 23.65 | 23.71 | 23.65 | 0 | 0 |
| | 1 | 36 | 23.62 | 23.72 | 23.70 | | 0 |
| | 1 | 74 | 23.77 | 23.73 | 23.58 | | 0 |
| | 36 | 0 | 22.68 | 22.73 | 22.68 | 0-1 | 1 |
| | 36 | 18 | 22.67 | 22.71 | 22.65 | | 1 |
| | 36 | 37 | 22.71 | 22.73 | 22.68 | | 1 |
| | 75 | 0 | 22.70 | 22.75 | 22.67 | | 1 |
| 16QAM | 1 | 0 | 23.02 | 23.00 | 23.01 | 0-1 | 1 |
| | 1 | 36 | 23.02 | 23.15 | 23.08 | | 1 |
| | 1 | 74 | 22.98 | 23.06 | 22.96 | | 1 |
| | 36 | 0 | 21.65 | 21.74 | 21.66 | 0-2 | 2 |
| | 36 | 18 | 21.65 | 21.66 | 21.64 | | 2 |
| | 36 | 37 | 21.68 | 21.70 | 21.61 | | 2 |
| | 75 | 0 | 21.66 | 21.74 | 21.65 | | 2 |
| 64QAM | 1 | 0 | 21.90 | 21.95 | 21.87 | 0-2 | 2 |
| | 1 | 36 | 21.92 | 21.88 | 21.89 | | 2 |
| | 1 | 74 | 21.89 | 21.89 | 21.87 | | 2 |
| | 36 | 0 | 20.68 | 20.72 | 20.64 | 0-3 | 3 |
| | 36 | 18 | 20.65 | 20.70 | 20.61 | | 3 |
| | 36 | 37 | 20.71 | 20.75 | 20.65 | | 3 |
| | 75 | 0 | 20.66 | 20.74 | 20.64 | | 3 |
| 256QAM | 1 | 0 | 18.87 | 18.79 | 18.85 | 0-5 | 5 |
| | 1 | 36 | 18.85 | 19.01 | 18.80 | | 5 |
| | 1 | 74 | 18.85 | 19.01 | 18.88 | | 5 |
| | 36 | 0 | 18.72 | 18.75 | 18.65 | 0-5 | 5 |
| | 36 | 18 | 18.69 | 18.76 | 18.68 | | 5 |
| | 36 | 37 | 18.72 | 18.76 | 18.72 | | 5 |
| | 75 | 0 | 18.72 | 18.81 | 18.69 | | 5 |

Table H-9

LTE Band 66 (AWS) Antenna B Measured P_{Max} and/or ECI =1 (Head) - 10 MHz Bandwidth

| LTE Band 66 (AWS) 10 MHz Bandwidth | | | | | | | |
|---------------------------------------|---------|-----------|------------------------|------------------------|------------------------|------------------------------|----------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 132022 (1715.0 MHz) | 132322 (1745.0 MHz) | 132622 (1775.0 MHz) | | |
| | | | Conducted Power [dBm] | | | | |
| QPSK | 1 | 0 | 23.53 | 23.66 | 23.74 | 0 | 0 |
| | 1 | 25 | 23.60 | 23.67 | 23.66 | | 0 |
| | 1 | 49 | 23.66 | 23.69 | 23.63 | | 0 |
| | 25 | 0 | 22.70 | 22.75 | 22.66 | 0-1 | 1 |
| | 25 | 12 | 22.69 | 22.71 | 22.67 | | 1 |
| | 25 | 25 | 22.70 | 22.74 | 22.66 | | 1 |
| | 50 | 0 | 22.72 | 22.74 | 22.68 | | 1 |
| 16QAM | 1 | 0 | 22.93 | 22.90 | 22.98 | 0-1 | 1 |
| | 1 | 25 | 23.09 | 23.09 | 22.92 | | 1 |
| | 1 | 49 | 22.97 | 23.02 | 22.96 | | 1 |
| | 25 | 0 | 21.68 | 21.73 | 21.68 | 0-2 | 2 |
| | 25 | 12 | 21.66 | 21.73 | 21.66 | | 2 |
| | 25 | 25 | 21.68 | 21.73 | 21.67 | | 2 |
| | 50 | 0 | 21.68 | 21.70 | 21.64 | | 2 |
| 64QAM | 1 | 0 | 21.81 | 21.86 | 21.87 | 0-2 | 2 |
| | 1 | 25 | 21.89 | 21.99 | 21.91 | | 2 |
| | 1 | 49 | 21.88 | 21.91 | 21.91 | | 2 |
| | 25 | 0 | 20.61 | 20.71 | 20.61 | 0-3 | 3 |
| | 25 | 12 | 20.64 | 20.69 | 20.65 | | 3 |
| | 25 | 25 | 20.67 | 20.71 | 20.63 | | 3 |
| | 50 | 0 | 20.69 | 20.69 | 20.64 | | 3 |
| 256QAM | 1 | 0 | 18.90 | 18.86 | 18.92 | 0-5 | 5 |
| | 1 | 25 | 18.86 | 18.95 | 18.80 | | 5 |
| | 1 | 49 | 18.91 | 18.97 | 18.91 | | 5 |
| | 25 | 0 | 18.71 | 18.79 | 18.67 | 0-5 | 5 |
| | 25 | 12 | 18.70 | 18.79 | 18.70 | | 5 |
| | 25 | 25 | 18.72 | 18.80 | 18.73 | | 5 |
| | 50 | 0 | 18.75 | 18.79 | 18.72 | | 5 |

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Table H-10
LTE Band 66 (AWS) Antenna B Measured P_{Max} and/or ECI =1 (Head) - 5 MHz Bandwidth

| LTE Band 66 (AWS) 5 MHz Bandwidth | | | | | | | |
|--------------------------------------|---------|-----------|------------------------|------------------------|------------------------|---------------------------|----------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 131997 (1712.5 MHz) | 132322 (1745.0 MHz) | 132647 (1777.5 MHz) | | |
| Conducted Power [dBm] | | | | | | | |
| QPSK | 1 | 0 | 23.57 | 23.59 | 23.61 | 0 | 0 |
| | 1 | 12 | 23.58 | 23.76 | 23.61 | | 0 |
| | 1 | 24 | 23.64 | 23.61 | 23.55 | | 0 |
| | 12 | 0 | 22.63 | 22.72 | 22.67 | 0-1 | 1 |
| | 12 | 6 | 22.66 | 22.71 | 22.63 | | 1 |
| | 12 | 13 | 22.65 | 22.73 | 22.64 | | 1 |
| 16QAM | 25 | 0 | 22.70 | 22.74 | 22.66 | 0-1 | 1 |
| | 1 | 0 | 22.89 | 22.96 | 23.00 | | 1 |
| | 1 | 12 | 22.94 | 22.98 | 22.92 | | 1 |
| | 1 | 24 | 22.97 | 23.02 | 22.95 | 0-2 | 1 |
| | 12 | 0 | 21.70 | 21.74 | 21.71 | | 2 |
| | 12 | 6 | 21.68 | 21.77 | 21.65 | | 2 |
| 64QAM | 12 | 13 | 21.69 | 21.78 | 21.66 | 0-2 | 2 |
| | 25 | 0 | 21.67 | 21.75 | 21.64 | | 2 |
| | 1 | 0 | 21.81 | 21.90 | 21.80 | | 2 |
| | 1 | 12 | 21.84 | 21.93 | 21.85 | 0-3 | 2 |
| | 1 | 24 | 21.74 | 21.90 | 21.82 | | 2 |
| | 12 | 0 | 20.62 | 20.73 | 20.61 | | 3 |
| 256QAM | 12 | 6 | 20.68 | 20.73 | 20.65 | 0-3 | 3 |
| | 12 | 13 | 20.66 | 20.72 | 20.65 | | 3 |
| | 25 | 0 | 20.66 | 20.73 | 20.60 | | 3 |
| | 1 | 0 | 18.87 | 18.90 | 18.85 | 0-5 | 5 |
| | 1 | 12 | 18.84 | 19.01 | 18.81 | | 5 |
| | 1 | 24 | 18.91 | 18.89 | 18.76 | | 5 |
| 12 | 0 | 18.69 | 18.78 | 18.65 | 5 | | |
| 12 | 6 | 18.73 | 18.79 | 18.74 | 5 | | |
| 12 | 13 | 18.71 | 18.80 | 18.70 | 5 | | |
| 25 | 0 | 18.69 | 18.80 | 18.71 | 5 | | |

Table H-11
LTE Band 66 (AWS) Antenna B Measured P_{Max} and/or ECI =1 (Head) - 3 MHz Bandwidth

| LTE Band 66 (AWS) 3 MHz Bandwidth | | | | | | | | |
|--------------------------------------|---------|-----------|------------------------|------------------------|------------------------|---------------------------|----------|---|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] | |
| | | | 131987 (1711.5 MHz) | 132322 (1745.0 MHz) | 132657 (1778.5 MHz) | | | |
| Conducted Power [dBm] | | | | | | | | |
| QPSK | 1 | 0 | 23.51 | 23.60 | 23.52 | 0 | 0 | |
| | 1 | 7 | 23.60 | 23.79 | 23.56 | | 0 | |
| | 1 | 14 | 23.47 | 23.62 | 23.48 | | 0 | |
| | 8 | 0 | 22.61 | 22.66 | 22.61 | 0-1 | 1 | |
| | 8 | 4 | 22.58 | 22.62 | 22.56 | | 1 | |
| | 8 | 7 | 22.59 | 22.60 | 22.55 | | 1 | |
| 16QAM | 15 | 0 | 22.59 | 22.65 | 22.58 | 0-1 | 1 | |
| | 1 | 0 | 22.83 | 23.07 | 22.97 | | 1 | |
| | 1 | 7 | 22.92 | 23.00 | 22.73 | | 1 | |
| | 1 | 14 | 22.84 | 22.87 | 22.74 | 0-2 | 1 | |
| | 8 | 0 | 21.68 | 21.76 | 21.64 | | 2 | |
| | 8 | 4 | 21.68 | 21.76 | 21.62 | | 2 | |
| 64QAM | 8 | 7 | 21.71 | 21.77 | 21.64 | 0-2 | 2 | |
| | 15 | 0 | 21.61 | 21.69 | 21.60 | | 2 | |
| | 1 | 0 | 21.77 | 21.83 | 21.68 | | 0-2 | 2 |
| | 1 | 7 | 21.76 | 21.96 | 21.77 | 2 | | |
| | 1 | 14 | 21.77 | 21.82 | 21.74 | 2 | | |
| | 256QAM | 8 | 0 | 20.59 | 20.68 | 20.59 | 0-3 | 3 |
| 8 | | 4 | 20.54 | 20.66 | 20.52 | 3 | | |
| 8 | | 7 | 20.59 | 20.63 | 20.56 | 3 | | |
| 15 | | 0 | 20.59 | 20.69 | 20.59 | 0-3 | 3 | |
| 1 | | 0 | 18.78 | 18.79 | 18.73 | | 0-5 | 5 |
| 1 | | 7 | 18.77 | 18.85 | 18.74 | | | 5 |
| 1 | 14 | 18.80 | 18.83 | 18.72 | 5 | | | |
| 8 | 0 | 18.71 | 18.80 | 18.69 | 5 | | | |
| 8 | 4 | 18.70 | 18.76 | 18.67 | 5 | | | |
| 8 | 7 | 18.74 | 18.78 | 18.70 | 5 | | | |
| 15 | 0 | 18.62 | 18.80 | 18.66 | 5 | | | |

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Table H-12

LTE Band 66 (AWS) Antenna B Measured P_{Max} and/or ECI =1 (Head) - 1.4 MHz Bandwidth

| LTE Band 66 (AWS) 1.4 MHz Bandwidth | | | | | | | | |
|--|---------|-----------|------------------------|------------------------|------------------------|---------------------------|----------|---|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] | |
| | | | 131979 (1710.7 MHz) | 132322 (1745.0 MHz) | 132665 (1779.3 MHz) | | | |
| Conducted Power [dBm] | | | | | | | | |
| QPSK | 1 | 0 | 23.53 | 23.68 | 23.59 | 0 | 0 | |
| | 1 | 2 | 23.47 | 23.59 | 23.54 | | 0 | |
| | 1 | 5 | 23.53 | 23.63 | 23.55 | | 0 | |
| | 3 | 0 | 23.57 | 23.69 | 23.59 | | 0 | |
| | 3 | 2 | 23.61 | 23.68 | 23.58 | | 0 | |
| | 3 | 3 | 23.57 | 23.64 | 23.63 | | 0 | |
| 16QAM | 6 | 0 | 22.63 | 22.71 | 22.55 | 0-1 | 1 | |
| | 1 | 0 | 22.96 | 22.97 | 22.83 | | 1 | |
| | 1 | 2 | 22.83 | 23.03 | 22.95 | | 1 | |
| | 1 | 5 | 22.85 | 22.89 | 22.94 | | 1 | |
| | 3 | 0 | 22.81 | 22.74 | 22.65 | | 1 | |
| | 3 | 2 | 22.73 | 22.89 | 22.84 | | 1 | |
| 64QAM | 3 | 3 | 22.68 | 22.75 | 22.59 | 0-2 | 1 | |
| | 6 | 0 | 21.76 | 21.83 | 21.67 | | 2 | |
| | 1 | 0 | 21.74 | 21.87 | 21.75 | | 0-2 | 2 |
| | 1 | 2 | 21.77 | 21.85 | 21.77 | | | 2 |
| | 1 | 5 | 21.75 | 21.89 | 21.78 | | | 2 |
| | 3 | 0 | 21.62 | 21.70 | 21.57 | | | 2 |
| 3 | 2 | 21.68 | 21.71 | 21.63 | 2 | | | |
| 3 | 3 | 21.71 | 21.75 | 21.61 | 2 | | | |
| 256QAM | 6 | 0 | 20.57 | 20.75 | 20.61 | 0-3 | 3 | |
| | 1 | 0 | 18.82 | 18.99 | 18.76 | | 0-5 | 5 |
| | 1 | 2 | 18.82 | 18.98 | 18.84 | | | 5 |
| | 1 | 5 | 18.87 | 18.92 | 18.77 | | | 5 |
| | 3 | 0 | 18.82 | 18.89 | 18.74 | | | 5 |
| | 3 | 2 | 18.80 | 18.89 | 18.79 | | | 5 |
| 256QAM | 3 | 3 | 18.82 | 18.87 | 18.80 | 0-5 | | 5 |
| | 6 | 0 | 18.78 | 18.83 | 18.65 | | 5 | |

Table H-13

LTE Band 66 (AWS) Antenna B Measured P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 15 MHz Bandwidth

| LTE Band 66 (AWS) 15 MHz Bandwidth | | | | | | | | |
|---------------------------------------|---------|-----------|------------------------|------------------------|------------------------|---------------------------|----------|---|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] | |
| | | | 132047 (1717.5 MHz) | 132322 (1745.0 MHz) | 132597 (1772.5 MHz) | | | |
| Conducted Power [dBm] | | | | | | | | |
| QPSK | 1 | 0 | 17.82 | 17.94 | 17.94 | 0 | 0 | |
| | 1 | 36 | 17.81 | 17.87 | 17.81 | | 0 | |
| | 1 | 74 | 17.82 | 17.94 | 17.86 | | 0 | |
| | 36 | 0 | 17.81 | 17.85 | 17.78 | | 0-1 | 0 |
| | 36 | 18 | 17.83 | 17.86 | 17.79 | | | 0 |
| | 36 | 37 | 17.83 | 17.90 | 17.81 | | | 0 |
| 75 | 0 | 17.82 | 17.90 | 17.78 | 0 | | | |
| 16QAM | 1 | 0 | 18.01 | 17.92 | 18.01 | 0-1 | | 0 |
| | 1 | 36 | 18.00 | 18.10 | 17.98 | | | 0 |
| | 1 | 74 | 18.07 | 18.12 | 18.12 | | 0 | |
| | 36 | 0 | 17.82 | 17.85 | 17.77 | | 0-2 | 0 |
| | 36 | 18 | 17.79 | 17.84 | 17.77 | | | 0 |
| | 36 | 37 | 17.79 | 17.87 | 17.79 | | | 0 |
| 75 | 0 | 17.82 | 17.88 | 17.76 | 0 | | | |
| 64QAM | 1 | 0 | 17.85 | 17.95 | 17.89 | 0-2 | | 0 |
| | 1 | 36 | 17.89 | 17.86 | 17.88 | | | 0 |
| | 1 | 74 | 17.84 | 17.91 | 17.81 | | 0-3 | 0 |
| | 36 | 0 | 17.84 | 17.87 | 17.77 | | | 0 |
| | 36 | 18 | 17.84 | 17.85 | 17.78 | | | 0 |
| | 36 | 37 | 17.84 | 17.87 | 17.82 | | | 0 |
| 75 | 0 | 17.83 | 17.88 | 17.76 | 0 | | | |
| 256QAM | 1 | 0 | 17.90 | 17.83 | 17.96 | 0-5 | | 0 |
| | 1 | 36 | 17.87 | 17.99 | 17.91 | | 0 | |
| | 1 | 74 | 17.95 | 18.00 | 17.98 | | 0 | |
| | 36 | 0 | 17.78 | 17.84 | 17.74 | | 0 | |
| | 36 | 18 | 17.79 | 17.85 | 17.75 | | 0 | |
| | 36 | 37 | 17.82 | 17.88 | 17.77 | | 0 | |
| 256QAM | 75 | 0 | 17.82 | 17.91 | 17.75 | 0-5 | 0 | |

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Table H-14
LTE Band 66 (AWS) Antenna B Measured P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 10 MHz Bandwidth

| LTE Band 66 (AWS) 10 MHz Bandwidth | | | | | | | |
|---------------------------------------|---------|-----------|------------------------|------------------------|------------------------|---------------------------|----------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 132022 (1715.0 MHz) | 132322 (1745.0 MHz) | 132622 (1775.0 MHz) | | |
| Conducted Power [dBm] | | | | | | | |
| QPSK | 1 | 0 | 17.78 | 17.86 | 17.79 | 0 | 0 |
| | 1 | 25 | 17.78 | 17.89 | 17.75 | | 0 |
| | 1 | 49 | 17.82 | 17.95 | 17.80 | | 0 |
| | 25 | 0 | 17.84 | 17.91 | 17.75 | 0-1 | 0 |
| | 25 | 12 | 17.81 | 17.87 | 17.77 | | 0 |
| | 25 | 25 | 17.83 | 17.90 | 17.81 | | 0 |
| 16QAM | 50 | 0 | 17.86 | 17.89 | 17.83 | 0-1 | 0 |
| | 1 | 0 | 17.95 | 18.02 | 17.87 | | 0 |
| | 1 | 25 | 17.95 | 18.09 | 17.93 | | 0 |
| | 1 | 49 | 18.08 | 18.03 | 18.09 | 0-2 | 0 |
| | 25 | 0 | 17.86 | 17.86 | 17.74 | | 0 |
| | 25 | 12 | 17.79 | 17.91 | 17.75 | | 0 |
| 64QAM | 25 | 25 | 17.81 | 17.85 | 17.84 | 0-2 | 0 |
| | 50 | 0 | 17.85 | 17.88 | 17.80 | | 0 |
| | 1 | 0 | 17.99 | 17.93 | 17.93 | | 0 |
| | 1 | 25 | 17.86 | 17.98 | 17.83 | 0-3 | 0 |
| | 1 | 49 | 17.87 | 17.97 | 17.90 | | 0 |
| | 25 | 0 | 17.80 | 17.85 | 17.72 | | 0 |
| 256QAM | 25 | 12 | 17.78 | 17.86 | 17.75 | 0-3 | 0 |
| | 25 | 25 | 17.81 | 17.83 | 17.78 | | 0 |
| | 50 | 0 | 17.86 | 17.86 | 17.82 | | 0 |
| | 1 | 0 | 18.00 | 18.00 | 17.85 | 0-5 | 0 |
| | 1 | 25 | 17.81 | 17.82 | 17.93 | | 0 |
| | 1 | 49 | 17.81 | 17.86 | 17.90 | | 0 |
| 25 | 0 | 17.80 | 17.85 | 17.73 | 0 | | |
| 25 | 12 | 17.78 | 17.87 | 17.74 | 0 | | |
| 25 | 25 | 17.81 | 17.86 | 17.77 | 0 | | |
| 50 | 0 | 17.85 | 17.86 | 17.76 | 0 | | |

Table H-15
LTE Band 66 (AWS) Antenna B Measured P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 5 MHz Bandwidth

| LTE Band 66 (AWS) 5 MHz Bandwidth | | | | | | | | |
|--------------------------------------|---------|-----------|------------------------|------------------------|------------------------|---------------------------|----------|---|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] | |
| | | | 131997 (1712.5 MHz) | 132322 (1745.0 MHz) | 132647 (1777.5 MHz) | | | |
| Conducted Power [dBm] | | | | | | | | |
| QPSK | 1 | 0 | 17.72 | 17.82 | 17.74 | 0 | 0 | |
| | 1 | 12 | 17.84 | 17.88 | 17.75 | | 0 | |
| | 1 | 24 | 17.82 | 17.91 | 17.78 | | 0 | |
| | 12 | 0 | 17.81 | 17.88 | 17.76 | 0-1 | 0 | |
| | 12 | 6 | 17.80 | 17.91 | 17.79 | | 0 | |
| | 12 | 13 | 17.80 | 17.90 | 17.79 | | 0 | |
| 16QAM | 25 | 0 | 17.84 | 17.90 | 17.81 | 0-1 | 0 | |
| | 1 | 0 | 17.95 | 18.01 | 17.89 | | 0 | |
| | 1 | 12 | 17.97 | 18.11 | 17.98 | | 0 | |
| | 1 | 24 | 17.89 | 18.09 | 18.09 | 0-2 | 0 | |
| | 12 | 0 | 17.83 | 17.90 | 17.81 | | 0 | |
| | 12 | 6 | 17.88 | 17.95 | 17.87 | | 0 | |
| 64QAM | 12 | 13 | 17.87 | 17.94 | 17.86 | 0-2 | 0 | |
| | 25 | 0 | 17.83 | 17.92 | 17.81 | | 0 | |
| | 1 | 0 | 18.00 | 17.84 | 18.00 | | 0-3 | 0 |
| | 1 | 12 | 17.86 | 17.89 | 17.95 | 0 | | |
| | 1 | 24 | 17.86 | 17.89 | 17.92 | 0 | | |
| | 12 | 0 | 17.84 | 17.93 | 17.79 | 0-5 | 0 | |
| 12 | 6 | 17.87 | 17.89 | 17.79 | 0 | | | |
| 12 | 13 | 17.85 | 17.91 | 17.82 | 0 | | | |
| 256QAM | 25 | 0 | 17.80 | 17.92 | 17.77 | 0-3 | 0 | |
| | 1 | 0 | 17.89 | 17.81 | 17.91 | | 0-5 | 0 |
| | 1 | 12 | 17.78 | 17.87 | 17.88 | | | 0 |
| | 1 | 24 | 17.98 | 17.85 | 17.96 | 0 | | |
| | 12 | 0 | 17.77 | 17.85 | 17.78 | 0 | | |
| | 12 | 6 | 17.81 | 17.91 | 17.75 | 0 | | |
| 12 | 13 | 17.80 | 17.89 | 17.74 | 0 | | | |
| 25 | 0 | 17.82 | 17.90 | 17.77 | 0 | | | |

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Table H-16
LTE Band 66 (AWS) Antenna B Measured P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or
ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 3 MHz Bandwidth

| LTE Band 66 (AWS) 3 MHz Bandwidth | | | | | | | |
|--------------------------------------|---------|-----------|------------------------|------------------------|------------------------|---------------------------|----------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 131987 (1711.5 MHz) | 132322 (1745.0 MHz) | 132657 (1778.5 MHz) | | |
| | | | Conducted Power [dBm] | | | | |
| QPSK | 1 | 0 | 17.73 | 17.81 | 17.72 | 0 | 0 |
| | 1 | 7 | 17.77 | 17.83 | 17.68 | | 0 |
| | 1 | 14 | 17.70 | 17.82 | 17.73 | | 0 |
| | 8 | 0 | 17.74 | 17.88 | 17.77 | 0-1 | 0 |
| | 8 | 4 | 17.73 | 17.85 | 17.73 | | 0 |
| | 8 | 7 | 17.77 | 17.85 | 17.73 | | 0 |
| 16QAM | 15 | 0 | 17.75 | 17.87 | 17.74 | 0-1 | 0 |
| | 1 | 0 | 17.83 | 17.95 | 17.91 | | 0 |
| | 1 | 7 | 17.81 | 17.96 | 17.87 | | 0 |
| | 1 | 14 | 17.92 | 18.07 | 17.98 | 0-2 | 0 |
| | 8 | 0 | 17.81 | 17.96 | 17.89 | | 0 |
| | 8 | 4 | 17.87 | 17.97 | 17.81 | | 0 |
| 64QAM | 8 | 7 | 17.87 | 17.91 | 17.84 | 0-2 | 0 |
| | 15 | 0 | 17.82 | 17.89 | 17.79 | | 0 |
| | 1 | 0 | 17.93 | 18.00 | 17.88 | | 0-2 |
| | 1 | 7 | 17.95 | 17.84 | 17.90 | 0 | |
| | 1 | 14 | 17.82 | 17.86 | 17.81 | 0-3 | |
| | 8 | 0 | 17.80 | 17.83 | 17.75 | | 0 |
| 8 | 4 | 17.81 | 17.89 | 17.73 | 0 | | |
| 256QAM | 8 | 7 | 17.78 | 17.86 | 17.80 | 0-3 | 0 |
| | 15 | 0 | 17.80 | 17.89 | 17.79 | | 0 |
| | 1 | 0 | 17.89 | 17.99 | 17.83 | | 0-5 |
| | 1 | 7 | 17.94 | 17.99 | 17.81 | 0 | |
| | 1 | 14 | 17.93 | 17.96 | 17.82 | 0 | |
| | 8 | 0 | 17.78 | 17.87 | 17.76 | 0-5 | 0 |
| 8 | 4 | 17.76 | 17.83 | 17.71 | 0 | | |
| 8 | 7 | 17.83 | 17.84 | 17.80 | 0 | | |
| | 15 | 0 | 17.74 | 17.79 | 17.77 | | 0 |

Table H-17
LTE Band 66 (AWS) Antenna B Measured P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or
ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 1.4 MHz Bandwidth

| LTE Band 66 (AWS) 1.4 MHz Bandwidth | | | | | | | | |
|--|---------|-----------|------------------------|------------------------|------------------------|---------------------------|----------|---|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] | |
| | | | 131979 (1710.7 MHz) | 132322 (1745.0 MHz) | 132665 (1779.3 MHz) | | | |
| | | | Conducted Power [dBm] | | | | | |
| QPSK | 1 | 0 | 17.74 | 17.87 | 17.73 | 0 | 0 | |
| | 1 | 2 | 17.74 | 17.77 | 17.72 | | 0 | |
| | 1 | 5 | 17.69 | 17.81 | 17.74 | | 0 | |
| | 3 | 0 | 17.69 | 17.82 | 17.69 | 0-1 | 0 | |
| | 3 | 2 | 17.69 | 17.76 | 17.67 | | 0 | |
| | 3 | 3 | 17.69 | 17.78 | 17.72 | | 0 | |
| 16QAM | 6 | 0 | 17.74 | 17.85 | 17.73 | 0-1 | 0 | |
| | 1 | 0 | 17.90 | 18.03 | 17.83 | | 0 | |
| | 1 | 2 | 17.86 | 18.04 | 17.94 | | 0-1 | 0 |
| | 1 | 5 | 17.95 | 17.96 | 17.97 | 0 | | |
| | 3 | 0 | 17.81 | 17.93 | 17.78 | 0 | | |
| | 64QAM | 3 | 2 | 17.90 | 17.88 | 17.80 | 0-1 | 0 |
| 3 | | 3 | 17.93 | 17.90 | 17.82 | 0 | | |
| 6 | | 0 | 17.83 | 17.91 | 17.81 | 0-2 | | 0 |
| 1 | | 0 | 17.84 | 17.91 | 17.99 | | 0-2 | 0 |
| 1 | | 2 | 17.95 | 17.82 | 17.99 | | | 0 |
| 1 | | 5 | 17.81 | 17.86 | 17.90 | 0 | | |
| 256QAM | 3 | 0 | 17.73 | 17.94 | 17.82 | 0-2 | 0 | |
| | 3 | 2 | 17.80 | 17.91 | 17.84 | | 0 | |
| | 3 | 3 | 17.78 | 17.96 | 17.77 | | 0-3 | 0 |
| | 6 | 0 | 17.77 | 17.89 | 17.75 | 0 | | |
| | 1 | 0 | 17.84 | 17.98 | 17.86 | 0-3 | | 0 |
| | 1 | 2 | 17.84 | 17.92 | 17.97 | | 0-5 | 0 |
| 1 | 5 | 17.92 | 17.83 | 17.87 | 0 | | | |
| 3 | 0 | 17.84 | 17.89 | 17.86 | 0-5 | 0 | | |
| 3 | 2 | 17.81 | 17.94 | 17.88 | | 0 | | |
| 3 | 3 | 17.88 | 17.94 | 17.87 | | 0 | | |
| | 6 | 0 | 17.78 | 17.80 | 17.76 | | 0 | |

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H.1.4 LTE Band 2 Antenna B

Table H-18

LTE Band 2 (PCS) Antenna B Measured P_{Max} and/or ECI =1 (Head) - 15 MHz Bandwidth

| LTE Band 2 (PCS) 15 MHz Bandwidth | | | | | | | | |
|--------------------------------------|---------|-----------|-----------------------|-----------------------|-----------------------|------------------------------|----------|---|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] | |
| | | | 18675 (1857.5 MHz) | 18900 (1880.0 MHz) | 19125 (1902.5 MHz) | | | |
| | | | Conducted Power [dBm] | | | | | |
| QPSK | 1 | 0 | 22.95 | 22.84 | 22.76 | 0 | 0 | |
| | 1 | 36 | 22.89 | 22.90 | 22.81 | | 0 | |
| | 1 | 74 | 22.96 | 22.83 | 22.65 | | 0 | |
| | 36 | 0 | 21.92 | 21.84 | 21.79 | 0-1 | 1 | |
| | 36 | 18 | 21.91 | 21.88 | 21.74 | | 1 | |
| | 36 | 37 | 21.93 | 21.87 | 21.71 | | 1 | |
| 16QAM | 75 | 0 | 21.95 | 21.86 | 21.77 | 0-1 | 1 | |
| | 1 | 0 | 22.37 | 22.31 | 22.11 | | 1 | |
| | 1 | 36 | 22.25 | 22.16 | 22.06 | | 1 | |
| | 1 | 74 | 22.25 | 22.31 | 22.02 | 0-2 | 1 | |
| | 36 | 0 | 20.93 | 20.84 | 20.79 | | 2 | |
| | 36 | 18 | 20.88 | 20.83 | 20.72 | | 2 | |
| 64QAM | 36 | 37 | 20.93 | 20.88 | 20.71 | 0-2 | 2 | |
| | 75 | 0 | 20.92 | 20.84 | 20.77 | | 2 | |
| | 1 | 0 | 21.10 | 21.13 | 21.01 | | 2 | |
| | 1 | 36 | 21.12 | 21.11 | 20.87 | 0-2 | 2 | |
| | 1 | 74 | 21.19 | 21.12 | 20.80 | | 2 | |
| | 36 | 0 | 19.92 | 19.85 | 19.78 | | 0-3 | 3 |
| 36 | 18 | 19.90 | 19.84 | 19.70 | 3 | | | |
| 36 | 37 | 19.93 | 19.86 | 19.73 | 3 | | | |
| 256QAM | 75 | 0 | 19.92 | 19.84 | 19.75 | 0-3 | 3 | |
| | 1 | 0 | 18.17 | 18.06 | 18.01 | | 0-5 | 5 |
| | 1 | 36 | 18.19 | 18.09 | 17.94 | | | 5 |
| | 1 | 74 | 18.06 | 18.03 | 17.87 | 0-5 | | 5 |
| | 36 | 0 | 17.94 | 17.88 | 17.81 | | 5 | |
| | 36 | 18 | 17.96 | 17.86 | 17.77 | | 5 | |
| 256QAM | 36 | 37 | 17.97 | 17.86 | 17.70 | 0-5 | 5 | |
| | 75 | 0 | 17.96 | 17.89 | 17.78 | | 5 | |

Table H-19

LTE Band 2 (PCS) Antenna B Measured P_{Max} and/or ECI =1 (Head) - 10 MHz Bandwidth

| LTE Band 2 (PCS) 10 MHz Bandwidth | | | | | | | | |
|--------------------------------------|---------|-----------|-----------------------|-----------------------|-----------------------|------------------------------|----------|---|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] | |
| | | | 18650 (1855.0 MHz) | 18900 (1880.0 MHz) | 19150 (1905.0 MHz) | | | |
| | | | Conducted Power [dBm] | | | | | |
| QPSK | 1 | 0 | 22.88 | 22.85 | 22.77 | 0 | 0 | |
| | 1 | 25 | 22.90 | 22.96 | 22.69 | | 0 | |
| | 1 | 49 | 22.89 | 22.82 | 22.58 | | 0 | |
| | 25 | 0 | 21.95 | 21.87 | 21.73 | 0-1 | 1 | |
| | 25 | 12 | 21.94 | 21.87 | 21.72 | | 1 | |
| | 25 | 25 | 21.97 | 21.87 | 21.69 | | 1 | |
| 16QAM | 50 | 0 | 21.96 | 21.85 | 21.72 | 0-1 | 1 | |
| | 1 | 0 | 22.22 | 22.15 | 22.21 | | 0-1 | 1 |
| | 1 | 25 | 22.34 | 22.17 | 22.05 | | | 1 |
| | 1 | 49 | 22.27 | 22.23 | 21.93 | 0-2 | | 1 |
| | 25 | 0 | 20.92 | 20.85 | 20.72 | | 2 | |
| | 25 | 12 | 20.94 | 20.88 | 20.73 | | 2 | |
| 64QAM | 25 | 25 | 20.93 | 20.85 | 20.67 | 0-2 | 2 | |
| | 50 | 0 | 20.94 | 20.86 | 20.71 | | 2 | |
| | 1 | 0 | 21.15 | 21.09 | 20.95 | | 0-2 | 2 |
| | 1 | 25 | 21.17 | 21.09 | 20.96 | 2 | | |
| | 1 | 49 | 21.10 | 21.01 | 20.85 | 0-3 | | 2 |
| | 25 | 0 | 19.89 | 19.79 | 19.71 | | 3 | |
| 25 | 12 | 19.87 | 19.88 | 19.68 | 3 | | | |
| 256QAM | 25 | 25 | 19.93 | 19.81 | 19.67 | 0-3 | 3 | |
| | 50 | 0 | 19.93 | 19.86 | 19.71 | | 3 | |
| | 1 | 0 | 18.11 | 18.14 | 17.97 | | 0-5 | 5 |
| | 1 | 25 | 18.17 | 18.03 | 17.95 | 5 | | |
| | 1 | 49 | 18.13 | 18.09 | 17.84 | 5 | | |
| | 256QAM | 25 | 0 | 17.96 | 17.90 | 17.82 | 0-5 | 5 |
| 25 | | 12 | 17.95 | 17.89 | 17.77 | 5 | | |
| 25 | | 25 | 17.98 | 17.89 | 17.72 | 5 | | |
| 50 | | 0 | 17.96 | 17.88 | 17.81 | 5 | | |

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Table H-20

LTE Band 2 (PCS) Antenna B Measured P_{Max} and/or ECI =1 (Head) - 5 MHz Bandwidth

| LTE Band 2 (PCS) 5 MHz Bandwidth | | | | | | | |
|-------------------------------------|---------|-----------|-----------------------|-----------------------|-----------------------|------------------------------|----------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 18625 (1852.5 MHz) | 18900 (1880.0 MHz) | 19175 (1907.5 MHz) | | |
| Conducted Power [dBm] | | | | | | | |
| QPSK | 1 | 0 | 22.84 | 22.90 | 22.59 | 0 | 0 |
| | 1 | 12 | 22.90 | 22.83 | 22.63 | | 0 |
| | 1 | 24 | 22.90 | 22.84 | 22.55 | | 0 |
| | 12 | 0 | 21.92 | 21.89 | 21.70 | 0-1 | 1 |
| | 12 | 6 | 21.91 | 21.85 | 21.68 | | 1 |
| | 12 | 13 | 21.92 | 21.84 | 21.66 | | 1 |
| 16QAM | 25 | 0 | 21.94 | 21.86 | 21.70 | 0-1 | 1 |
| | 1 | 0 | 22.21 | 22.14 | 22.00 | | 1 |
| | 1 | 12 | 22.33 | 22.09 | 21.90 | | 1 |
| | 1 | 24 | 22.37 | 22.21 | 22.02 | 0-2 | 1 |
| | 12 | 0 | 20.96 | 20.93 | 20.74 | | 2 |
| | 12 | 6 | 20.96 | 20.90 | 20.72 | | 2 |
| 64QAM | 12 | 13 | 20.95 | 20.89 | 20.70 | 0-2 | 2 |
| | 25 | 0 | 20.92 | 20.84 | 20.70 | | 2 |
| | 1 | 0 | 21.05 | 21.10 | 20.89 | | 2 |
| | 1 | 12 | 21.22 | 21.11 | 20.90 | 0-2 | 2 |
| | 1 | 24 | 21.07 | 21.08 | 20.80 | | 2 |
| | 12 | 0 | 19.90 | 19.89 | 19.64 | | 3 |
| 256QAM | 12 | 6 | 19.87 | 19.83 | 19.68 | 0-3 | 3 |
| | 12 | 13 | 19.91 | 19.85 | 19.62 | | 3 |
| | 25 | 0 | 19.91 | 19.82 | 19.66 | | 3 |
| | 1 | 0 | 18.11 | 18.06 | 17.89 | 0-5 | 5 |
| | 1 | 12 | 18.09 | 18.03 | 17.94 | | 5 |
| | 1 | 24 | 18.08 | 18.08 | 17.80 | | 5 |
| 12 | 0 | 17.95 | 17.92 | 17.71 | 5 | | |
| 12 | 6 | 17.96 | 17.86 | 17.70 | 5 | | |
| 12 | 13 | 17.96 | 17.87 | 17.65 | 5 | | |
| 25 | 0 | 17.93 | 17.90 | 17.72 | 5 | | |

Table H-21

LTE Band 2 (PCS) Antenna B Measured P_{Max} and/or ECI =1 (Head) - 3 MHz Bandwidth

| LTE Band 2 (PCS) 3 MHz Bandwidth | | | | | | | |
|-------------------------------------|---------|-----------|-----------------------|-----------------------|-----------------------|------------------------------|----------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 18615 (1851.5 MHz) | 18900 (1880.0 MHz) | 19185 (1908.5 MHz) | | |
| Conducted Power [dBm] | | | | | | | |
| QPSK | 1 | 0 | 22.83 | 22.77 | 22.50 | 0 | 0 |
| | 1 | 7 | 22.97 | 22.90 | 22.61 | | 0 |
| | 1 | 14 | 22.86 | 22.87 | 22.49 | | 0 |
| | 8 | 0 | 21.86 | 21.82 | 21.55 | 0-1 | 1 |
| | 8 | 4 | 21.83 | 21.79 | 21.54 | | 1 |
| | 8 | 7 | 21.87 | 21.80 | 21.59 | | 1 |
| 16QAM | 15 | 0 | 21.86 | 21.80 | 21.58 | 0-1 | 1 |
| | 1 | 0 | 22.09 | 22.09 | 21.86 | | 1 |
| | 1 | 7 | 22.20 | 22.02 | 21.98 | | 1 |
| | 1 | 14 | 22.29 | 22.18 | 21.88 | 0-2 | 1 |
| | 8 | 0 | 20.99 | 20.92 | 20.71 | | 2 |
| | 8 | 4 | 20.98 | 20.88 | 20.71 | | 2 |
| 64QAM | 8 | 7 | 20.96 | 20.92 | 20.69 | 0-2 | 2 |
| | 15 | 0 | 20.90 | 20.84 | 20.59 | | 2 |
| | 1 | 0 | 20.99 | 20.98 | 20.79 | | 2 |
| | 1 | 7 | 21.17 | 20.97 | 20.81 | 0-2 | 2 |
| | 1 | 14 | 21.03 | 20.96 | 20.73 | | 2 |
| | 8 | 0 | 19.86 | 19.76 | 19.60 | | 3 |
| 256QAM | 8 | 4 | 19.89 | 19.77 | 19.57 | 0-3 | 3 |
| | 8 | 7 | 19.85 | 19.85 | 19.59 | | 3 |
| | 15 | 0 | 19.87 | 19.79 | 19.63 | | 3 |
| | 1 | 0 | 18.04 | 17.98 | 17.78 | 0-5 | 5 |
| | 1 | 7 | 17.97 | 17.89 | 17.79 | | 5 |
| | 1 | 14 | 18.02 | 17.96 | 17.71 | | 5 |
| 8 | 0 | 17.95 | 17.86 | 17.72 | 5 | | |
| 8 | 4 | 17.96 | 17.86 | 17.67 | 5 | | |
| 8 | 7 | 17.98 | 17.85 | 17.63 | 5 | | |
| 15 | 0 | 17.94 | 17.88 | 17.66 | 5 | | |

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Table H-22
LTE Band 2 (PCS) Antenna B Measured P_{Max} and/or ECI =1 (Head) - 1.4 MHz Bandwidth

| LTE Band 2 (PCS) 1.4 MHz Bandwidth | | | | | | | |
|---------------------------------------|---------|-----------|-----------------------|-----------------------|-----------------------|------------------------------|----------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 18607 (1850.7 MHz) | 18900 (1880.0 MHz) | 19193 (1909.3 MHz) | | |
| Conducted Power [dBm] | | | | | | | |
| QPSK | 1 | 0 | 22.79 | 22.79 | 22.55 | 0 | 0 |
| | 1 | 2 | 22.89 | 22.74 | 22.49 | | 0 |
| | 1 | 5 | 22.82 | 22.82 | 22.44 | | 0 |
| | 3 | 0 | 22.82 | 22.75 | 22.58 | | 0 |
| | 3 | 2 | 22.81 | 22.73 | 22.53 | | 0 |
| | 3 | 3 | 22.80 | 22.76 | 22.56 | | 0 |
| 16QAM | 6 | 0 | 21.86 | 21.81 | 21.54 | 0-1 | 1 |
| | 1 | 0 | 22.10 | 22.14 | 21.80 | 0-1 | 1 |
| | 1 | 2 | 22.12 | 22.17 | 21.90 | | 1 |
| | 1 | 5 | 22.23 | 22.14 | 21.87 | | 1 |
| | 3 | 0 | 21.96 | 21.89 | 21.60 | | 1 |
| | 3 | 2 | 21.92 | 21.88 | 21.65 | | 1 |
| 3 | 3 | 21.90 | 22.01 | 21.70 | 1 | | |
| 64QAM | 6 | 0 | 20.90 | 20.98 | 20.66 | 0-2 | 2 |
| | 1 | 0 | 21.12 | 20.97 | 20.66 | 0-2 | 2 |
| | 1 | 2 | 20.98 | 20.99 | 20.74 | | 2 |
| | 1 | 5 | 21.06 | 20.93 | 20.72 | | 2 |
| | 3 | 0 | 20.84 | 20.81 | 20.63 | | 2 |
| | 3 | 2 | 20.84 | 20.77 | 20.62 | | 2 |
| 3 | 3 | 20.88 | 20.82 | 20.62 | 2 | | |
| 256QAM | 6 | 0 | 19.82 | 19.79 | 19.55 | 0-3 | 3 |
| | 1 | 0 | 18.05 | 18.00 | 17.74 | 0-5 | 5 |
| | 1 | 2 | 18.00 | 17.97 | 17.69 | | 5 |
| | 1 | 5 | 18.00 | 18.02 | 17.72 | | 5 |
| | 3 | 0 | 18.03 | 17.94 | 17.75 | | 5 |
| | 3 | 2 | 18.00 | 17.94 | 17.74 | | 5 |
| 3 | 3 | 18.01 | 17.92 | 17.71 | 5 | | |
| | 6 | 0 | 17.94 | 17.87 | 17.72 | | 5 |

Table H-23
LTE Band 2 (PCS) Antenna B P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 15 MHz Bandwidth

| LTE Band 2 (PCS) 15 MHz Bandwidth | | | | | | | | | |
|--------------------------------------|---------|-----------|-----------------------|-----------------------|-----------------------|------------------------------|----------|-----|---|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] | | |
| | | | 18675 (1857.5 MHz) | 18900 (1880.0 MHz) | 19125 (1902.5 MHz) | | | | |
| Conducted Power [dBm] | | | | | | | | | |
| QPSK | 1 | 0 | 17.42 | 17.38 | 17.24 | 0 | 0 | | |
| | 1 | 36 | 17.41 | 17.36 | 17.13 | | 0 | | |
| | 1 | 74 | 17.43 | 17.32 | 17.03 | | 0 | | |
| | 36 | 0 | 17.35 | 17.32 | 17.19 | | 0-1 | 0 | |
| | 36 | 18 | 17.38 | 17.35 | 17.12 | | | 0 | |
| | 36 | 37 | 17.38 | 17.29 | 17.05 | | | 0 | |
| 16QAM | 75 | 0 | 17.40 | 17.29 | 17.14 | 0-1 | 0 | | |
| | 1 | 0 | 17.66 | 17.62 | 17.56 | | 0 | | |
| | 1 | 36 | 17.65 | 17.73 | 17.52 | | 0-1 | 0 | |
| | 1 | 74 | 17.71 | 17.64 | 17.39 | | | 0 | |
| | 36 | 0 | 17.39 | 17.32 | 17.13 | | | 0 | |
| | 64QAM | 36 | 18 | 17.37 | 17.30 | | 17.12 | 0-2 | 0 |
| 36 | | 37 | 17.36 | 17.27 | 17.04 | 0 | | | |
| 75 | | 0 | 17.36 | 17.30 | 17.11 | 0 | | | |
| 256QAM | | 1 | 0 | 17.55 | 17.52 | 17.43 | 0-2 | 0 | |
| | | 1 | 36 | 17.67 | 17.64 | 17.26 | | 0-2 | 0 |
| | | 1 | 74 | 17.61 | 17.48 | 17.21 | | | 0 |
| | 36 | 0 | 17.37 | 17.33 | 17.16 | 0-3 | | | 0 |
| | 36 | 18 | 17.37 | 17.35 | 17.17 | | | 0 | |
| | 36 | 37 | 17.37 | 17.37 | 17.07 | | | 0 | |
| 256QAM | 75 | 0 | 17.36 | 17.30 | 17.10 | 0-3 | 0 | | |
| | 1 | 0 | 17.52 | 17.48 | 17.37 | | 0-5 | 0 | |
| | 1 | 36 | 17.45 | 17.54 | 17.21 | | | 0 | |
| | 1 | 74 | 17.58 | 17.42 | 17.05 | | | 0 | |
| | 36 | 0 | 17.35 | 17.31 | 17.14 | | 0-5 | 0 | |
| | 36 | 18 | 17.39 | 17.30 | 17.12 | | | 0 | |
| 36 | 37 | 17.38 | 17.28 | 17.02 | 0 | | | | |
| | 75 | 0 | 17.37 | 17.31 | 17.15 | | 0 | | |

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Table H-24
LTE Band 2 (PCS) Antenna B P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or
ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 10 MHz Bandwidth

| LTE Band 2 (PCS) 10 MHz Bandwidth | | | | | | | |
|--------------------------------------|---------|-----------|-----------------------|-----------------------|-----------------------|------------------------------|----------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 18650 (1855.0 MHz) | 18900 (1880.0 MHz) | 19150 (1905.0 MHz) | | |
| | | | Conducted Power [dBm] | | | | |
| QPSK | 1 | 0 | 17.39 | 17.37 | 17.20 | 0 | 0 |
| | 1 | 25 | 17.38 | 17.33 | 17.12 | | 0 |
| | 1 | 49 | 17.38 | 17.31 | 16.94 | | 0 |
| | 25 | 0 | 17.37 | 17.33 | 17.14 | 0-1 | 0 |
| | 25 | 12 | 17.38 | 17.33 | 17.13 | | 0 |
| | 25 | 25 | 17.40 | 17.29 | 17.05 | | 0 |
| 16QAM | 50 | 0 | 17.40 | 17.30 | 17.10 | 0-1 | 0 |
| | 1 | 0 | 17.76 | 17.69 | 17.46 | | 0 |
| | 1 | 25 | 17.74 | 17.61 | 17.55 | | 0 |
| | 1 | 49 | 17.70 | 17.62 | 17.42 | 0-2 | 0 |
| | 25 | 0 | 17.37 | 17.31 | 17.11 | | 0 |
| | 25 | 12 | 17.38 | 17.33 | 17.15 | | 0 |
| 64QAM | 25 | 25 | 17.39 | 17.26 | 17.04 | 0-2 | 0 |
| | 50 | 0 | 17.35 | 17.27 | 17.07 | | 0 |
| | 1 | 0 | 17.62 | 17.47 | 17.40 | | 0 |
| | 1 | 25 | 17.63 | 17.60 | 17.33 | 0-2 | 0 |
| | 1 | 49 | 17.65 | 17.44 | 17.22 | | 0 |
| | 25 | 0 | 17.36 | 17.33 | 17.11 | | 0 |
| 256QAM | 25 | 12 | 17.33 | 17.31 | 17.08 | 0-3 | 0 |
| | 25 | 25 | 17.36 | 17.26 | 17.01 | | 0 |
| | 50 | 0 | 17.37 | 17.29 | 17.09 | | 0 |
| | 1 | 0 | 17.48 | 17.62 | 17.30 | 0-5 | 0 |
| | 1 | 25 | 17.60 | 17.56 | 17.23 | | 0 |
| | 1 | 49 | 17.42 | 17.39 | 17.04 | | 0 |
| 25 | 0 | 17.36 | 17.32 | 17.10 | 0 | | |
| 25 | 12 | 17.34 | 17.32 | 17.08 | 0 | | |
| 25 | 25 | 17.36 | 17.28 | 17.02 | 0 | | |
| 50 | 0 | 17.39 | 17.30 | 17.09 | 0 | | |

Table H-25
LTE Band 2 (PCS) Antenna B P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or
ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 5 MHz Bandwidth

| LTE Band 2 (PCS) 5 MHz Bandwidth | | | | | | | |
|-------------------------------------|---------|-----------|-----------------------|-----------------------|-----------------------|------------------------------|----------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 18625 (1852.5 MHz) | 18900 (1880.0 MHz) | 19175 (1907.5 MHz) | | |
| | | | Conducted Power [dBm] | | | | |
| QPSK | 1 | 0 | 17.38 | 17.31 | 17.06 | 0 | 0 |
| | 1 | 12 | 17.37 | 17.33 | 17.00 | | 0 |
| | 1 | 24 | 17.40 | 17.35 | 16.94 | | 0 |
| | 12 | 0 | 17.37 | 17.33 | 17.00 | 0-1 | 0 |
| | 12 | 6 | 17.35 | 17.31 | 17.01 | | 0 |
| | 12 | 13 | 17.38 | 17.31 | 16.96 | | 0 |
| 16QAM | 25 | 0 | 17.39 | 17.30 | 17.04 | 0-1 | 0 |
| | 1 | 0 | 17.58 | 17.72 | 17.40 | | 0 |
| | 1 | 12 | 17.79 | 17.66 | 17.33 | | 0 |
| | 1 | 24 | 17.75 | 17.61 | 17.31 | 0-2 | 0 |
| | 12 | 0 | 17.42 | 17.35 | 17.05 | | 0 |
| | 12 | 6 | 17.44 | 17.35 | 17.06 | | 0 |
| 64QAM | 12 | 13 | 17.42 | 17.32 | 17.01 | 0-2 | 0 |
| | 25 | 0 | 17.41 | 17.35 | 17.02 | | 0 |
| | 1 | 0 | 17.52 | 17.44 | 17.25 | | 0 |
| | 1 | 12 | 17.61 | 17.58 | 17.21 | 0-2 | 0 |
| | 1 | 24 | 17.61 | 17.45 | 17.17 | | 0 |
| | 12 | 0 | 17.41 | 17.37 | 17.00 | | 0 |
| 256QAM | 12 | 6 | 17.36 | 17.33 | 17.02 | 0-3 | 0 |
| | 12 | 13 | 17.38 | 17.32 | 16.95 | | 0 |
| | 25 | 0 | 17.36 | 17.31 | 17.00 | | 0 |
| | 1 | 0 | 17.55 | 17.55 | 17.20 | 0-5 | 0 |
| | 1 | 12 | 17.56 | 17.54 | 17.11 | | 0 |
| | 1 | 24 | 17.43 | 17.48 | 17.08 | | 0 |
| 12 | 0 | 17.34 | 17.28 | 17.00 | 0 | | |
| 12 | 6 | 17.33 | 17.32 | 16.94 | 0 | | |
| 12 | 13 | 17.34 | 17.25 | 16.96 | 0 | | |
| 25 | 0 | 17.36 | 17.32 | 16.98 | 0 | | |

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Table H-26
LTE Band 2 (PCS) Antenna B P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or
ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 3 MHz Bandwidth

| LTE Band 2 (PCS) 3 MHz Bandwidth | | | | | | | |
|-------------------------------------|---------|-----------|-----------------------|-----------------------|-----------------------|------------------------------|----------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 18615 (1851.5 MHz) | 18900 (1880.0 MHz) | 19185 (1908.5 MHz) | | |
| | | | Conducted Power [dBm] | | | | |
| QPSK | 1 | 0 | 17.26 | 17.23 | 16.91 | 0 | 0 |
| | 1 | 7 | 17.28 | 17.19 | 16.88 | | 0 |
| | 1 | 14 | 17.23 | 17.21 | 16.85 | | 0 |
| | 8 | 0 | 17.25 | 17.23 | 16.96 | 0-1 | 0 |
| | 8 | 4 | 17.24 | 17.23 | 16.91 | | 0 |
| | 8 | 7 | 17.25 | 17.24 | 16.87 | | 0 |
| 16QAM | 15 | 0 | 17.29 | 17.23 | 16.89 | 0-1 | 0 |
| | 1 | 0 | 17.76 | 17.58 | 17.24 | | 0 |
| | 1 | 7 | 17.65 | 17.55 | 17.22 | | 0 |
| | 1 | 14 | 17.66 | 17.56 | 17.14 | 0-2 | 0 |
| | 8 | 0 | 17.30 | 17.35 | 17.09 | | 0 |
| | 8 | 4 | 17.39 | 17.32 | 16.97 | | 0 |
| 64QAM | 8 | 7 | 17.34 | 17.31 | 16.96 | 0-2 | 0 |
| | 15 | 0 | 17.32 | 17.26 | 16.89 | | 0 |
| | 1 | 0 | 17.44 | 17.41 | 17.15 | | 0-2 |
| | 1 | 7 | 17.60 | 17.50 | 17.11 | 0 | |
| | 1 | 14 | 17.50 | 17.44 | 17.09 | 0 | |
| | 256QAM | 8 | 0 | 17.34 | 17.25 | 16.95 | 0-3 |
| 8 | | 4 | 17.30 | 17.24 | 16.87 | 0 | |
| 8 | | 7 | 17.30 | 17.25 | 16.86 | 0 | |
| 15 | | 0 | 17.32 | 17.26 | 16.93 | 0-5 | 0 |
| 1 | | 0 | 17.35 | 17.43 | 17.03 | | 0 |
| 1 | | 7 | 17.37 | 17.26 | 17.03 | | 0 |
| 256QAM | 1 | 14 | 17.46 | 17.29 | 16.87 | 0-5 | 0 |
| | 8 | 0 | 17.35 | 17.26 | 16.99 | | 0 |
| | 8 | 4 | 17.28 | 17.24 | 16.92 | | 0 |
| | 8 | 7 | 17.33 | 17.26 | 16.87 | 0 | |
| | 15 | 0 | 17.32 | 17.25 | 16.88 | 0 | |

Table H-27
LTE Band 2 (PCS) Antenna B P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or
ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 1.4 MHz Bandwidth

| LTE Band 2 (PCS) 1.4 MHz Bandwidth | | | | | | | | |
|---------------------------------------|---------|-----------|-----------------------|-----------------------|-----------------------|------------------------------|----------|---|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] | |
| | | | 18607 (1850.7 MHz) | 18900 (1880.0 MHz) | 19193 (1909.3 MHz) | | | |
| | | | Conducted Power [dBm] | | | | | |
| QPSK | 1 | 0 | 17.25 | 17.22 | 16.87 | 0 | 0 | |
| | 1 | 2 | 17.25 | 17.22 | 16.80 | | 0 | |
| | 1 | 5 | 17.22 | 17.23 | 16.80 | | 0 | |
| | 3 | 0 | 17.22 | 17.19 | 16.78 | 0-1 | 0 | |
| | 3 | 2 | 17.19 | 17.16 | 16.78 | | 0 | |
| | 3 | 3 | 17.18 | 17.15 | 16.80 | | 0 | |
| 16QAM | 6 | 0 | 17.26 | 17.20 | 16.83 | 0-1 | 0 | |
| | 1 | 0 | 17.50 | 17.63 | 17.10 | | 0 | |
| | 1 | 2 | 17.54 | 17.45 | 17.07 | | 0 | |
| | 1 | 5 | 17.49 | 17.50 | 17.09 | 0-1 | 0 | |
| | 3 | 0 | 17.36 | 17.30 | 16.92 | | 0 | |
| | 3 | 2 | 17.34 | 17.25 | 16.90 | | 0 | |
| 64QAM | 3 | 3 | 17.39 | 17.29 | 16.82 | 0-2 | 0 | |
| | 6 | 0 | 17.33 | 17.28 | 16.91 | | 0 | |
| | 1 | 0 | 17.43 | 17.41 | 17.05 | | 0-2 | 0 |
| | 1 | 2 | 17.48 | 17.39 | 16.97 | 0 | | |
| | 1 | 5 | 17.36 | 17.41 | 16.97 | 0 | | |
| | 256QAM | 3 | 0 | 17.27 | 17.27 | 16.87 | 0-2 | 0 |
| 3 | | 2 | 17.28 | 17.24 | 16.88 | 0 | | |
| 3 | | 3 | 17.32 | 17.26 | 16.89 | 0 | | |
| 6 | | 0 | 17.26 | 17.19 | 16.83 | 0-3 | 0 | |
| 1 | | 0 | 17.36 | 17.34 | 16.98 | | 0-5 | 0 |
| 1 | | 2 | 17.40 | 17.34 | 16.90 | | | 0 |
| 256QAM | 1 | 5 | 17.36 | 17.31 | 16.92 | 0-5 | | 0 |
| | 3 | 0 | 17.36 | 17.31 | 16.95 | | 0 | |
| | 3 | 2 | 17.35 | 17.35 | 16.93 | | 0 | |
| | 3 | 3 | 17.34 | 17.28 | 16.99 | 0 | | |
| | 6 | 0 | 17.22 | 17.22 | 16.83 | 0 | | |

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Table H-28
LTE Band 2 (PCS) Antenna C Measured P_{Max} and/or ECI =1 (Head) - 15 MHz Bandwidth

| LTE Band 2 (PCS) 15 MHz Bandwidth | | | | | | | |
|--------------------------------------|---------|-----------|-----------------------|-----------------------|-----------------------|------------------------------|----------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 18675 (1857.5 MHz) | 18900 (1880.0 MHz) | 19125 (1902.5 MHz) | | |
| | | | Conducted Power [dBm] | | | | |
| QPSK | 1 | 0 | 23.55 | 23.45 | 23.31 | 0 | 0 |
| | 1 | 36 | 23.47 | 23.52 | 23.25 | | 0 |
| | 1 | 74 | 23.52 | 23.48 | 23.12 | | 0 |
| | 36 | 0 | 22.57 | 22.52 | 22.30 | 0-1 | 1 |
| | 36 | 18 | 22.53 | 22.53 | 22.21 | | 1 |
| | 36 | 37 | 22.53 | 22.49 | 22.18 | | 1 |
| 16QAM | 75 | 0 | 22.55 | 22.49 | 22.23 | 0-1 | 1 |
| | 1 | 0 | 22.95 | 22.84 | 22.82 | | 1 |
| | 1 | 36 | 22.77 | 22.98 | 22.44 | | 1 |
| | 1 | 74 | 22.99 | 22.87 | 22.48 | 0-2 | 1 |
| | 36 | 0 | 21.56 | 21.48 | 21.28 | | 2 |
| | 36 | 18 | 21.52 | 21.51 | 21.21 | | 2 |
| 64QAM | 36 | 37 | 21.52 | 21.48 | 21.14 | 0-2 | 2 |
| | 75 | 0 | 21.52 | 21.50 | 21.23 | | 2 |
| | 1 | 0 | 21.83 | 21.62 | 21.49 | | 2 |
| | 1 | 36 | 21.74 | 21.78 | 21.46 | 0-3 | 2 |
| | 1 | 74 | 21.77 | 21.67 | 21.40 | | 2 |
| | 36 | 0 | 20.57 | 20.53 | 20.31 | | 3 |
| 256QAM | 36 | 18 | 20.49 | 20.54 | 20.22 | 0-3 | 3 |
| | 36 | 37 | 20.56 | 20.51 | 20.18 | | 3 |
| | 75 | 0 | 20.52 | 20.48 | 20.22 | | 3 |
| | 1 | 0 | 18.72 | 18.68 | 18.54 | 0-5 | 5 |
| | 1 | 36 | 18.75 | 18.72 | 18.46 | | 5 |
| | 1 | 74 | 18.72 | 18.70 | 18.31 | | 5 |
| 36 | 0 | 18.58 | 18.54 | 18.38 | 5 | | |
| 36 | 18 | 18.57 | 18.56 | 18.30 | 5 | | |
| 36 | 37 | 18.57 | 18.57 | 18.25 | 5 | | |
| 75 | 0 | 18.59 | 18.59 | 18.32 | 5 | | |

Table H-29
LTE Band 2 (PCS) Antenna C Measured P_{Max} and/or ECI =1 (Head) - 10 MHz Bandwidth

| LTE Band 2 (PCS) 10 MHz Bandwidth | | | | | | | |
|--------------------------------------|---------|-----------|-----------------------|-----------------------|-----------------------|------------------------------|----------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 18650 (1855.0 MHz) | 18900 (1880.0 MHz) | 19150 (1905.0 MHz) | | |
| | | | Conducted Power [dBm] | | | | |
| QPSK | 1 | 0 | 23.54 | 23.50 | 23.21 | 0 | 0 |
| | 1 | 25 | 23.50 | 23.46 | 23.03 | | 0 |
| | 1 | 49 | 23.52 | 23.50 | 23.02 | | 0 |
| | 25 | 0 | 22.48 | 22.53 | 22.21 | 0-1 | 1 |
| | 25 | 12 | 22.46 | 22.49 | 22.10 | | 1 |
| | 25 | 25 | 22.51 | 22.47 | 22.08 | | 1 |
| 16QAM | 50 | 0 | 22.54 | 22.48 | 22.15 | 0-1 | 1 |
| | 1 | 0 | 22.94 | 22.85 | 22.60 | | 1 |
| | 1 | 25 | 22.79 | 22.74 | 22.50 | | 1 |
| | 1 | 49 | 22.79 | 22.86 | 22.44 | 0-2 | 1 |
| | 25 | 0 | 21.49 | 21.52 | 21.19 | | 2 |
| | 25 | 12 | 21.44 | 21.48 | 21.07 | | 2 |
| 64QAM | 25 | 25 | 21.49 | 21.45 | 21.10 | 0-2 | 2 |
| | 50 | 0 | 21.52 | 21.50 | 21.13 | | 2 |
| | 1 | 0 | 21.81 | 21.72 | 21.46 | | 2 |
| | 1 | 25 | 21.58 | 21.70 | 21.26 | 0-3 | 2 |
| | 1 | 49 | 21.70 | 21.67 | 21.27 | | 2 |
| | 25 | 0 | 20.47 | 20.46 | 20.14 | | 3 |
| 256QAM | 25 | 12 | 20.42 | 20.43 | 20.06 | 0-3 | 3 |
| | 25 | 25 | 20.46 | 20.43 | 20.07 | | 3 |
| | 50 | 0 | 20.52 | 20.44 | 20.10 | | 3 |
| | 1 | 0 | 18.71 | 18.73 | 18.50 | 0-5 | 5 |
| | 1 | 25 | 18.67 | 18.67 | 18.24 | | 5 |
| | 1 | 49 | 18.77 | 18.68 | 18.38 | | 5 |
| 25 | 0 | 18.53 | 18.54 | 18.24 | 5 | | |
| 25 | 12 | 18.52 | 18.54 | 18.20 | 5 | | |
| 25 | 25 | 18.55 | 18.52 | 18.16 | 5 | | |
| 50 | 0 | 18.55 | 18.53 | 18.24 | 5 | | |

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Table H-30

LTE Band 2 (PCS) Antenna C Measured P_{Max} and/or ECI =1 (Head) - 5 MHz Bandwidth

| LTE Band 2 (PCS) 5 MHz Bandwidth | | | | | | | |
|-------------------------------------|---------|-----------|-----------------------|-----------------------|-----------------------|------------------------------|----------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 18625 (1852.5 MHz) | 18900 (1880.0 MHz) | 19175 (1907.5 MHz) | | |
| Conducted Power [dBm] | | | | | | | |
| QPSK | 1 | 0 | 23.45 | 23.49 | 23.23 | 0 | 0 |
| | 1 | 12 | 23.51 | 23.47 | 23.11 | | 0 |
| | 1 | 24 | 23.53 | 23.45 | 23.08 | | 0 |
| | 12 | 0 | 22.42 | 22.52 | 22.17 | 0-1 | 1 |
| | 12 | 6 | 22.43 | 22.38 | 22.08 | | 1 |
| | 12 | 13 | 22.48 | 22.39 | 22.08 | | 1 |
| 16QAM | 25 | 0 | 22.44 | 22.44 | 22.13 | 0-1 | 1 |
| | 1 | 0 | 22.87 | 22.69 | 22.48 | | 1 |
| | 1 | 12 | 22.86 | 22.64 | 22.43 | | 1 |
| | 1 | 24 | 22.71 | 22.76 | 22.44 | 0-2 | 1 |
| | 12 | 0 | 21.45 | 21.56 | 21.20 | | 2 |
| | 12 | 6 | 21.38 | 21.48 | 21.17 | | 2 |
| 64QAM | 12 | 13 | 21.36 | 21.54 | 21.15 | 0-2 | 2 |
| | 25 | 0 | 21.43 | 21.60 | 21.11 | | 2 |
| | 1 | 0 | 21.68 | 21.80 | 21.36 | | 2 |
| | 1 | 12 | 21.47 | 21.49 | 21.30 | 0-2 | 2 |
| | 1 | 24 | 21.77 | 21.58 | 21.28 | | 2 |
| | 12 | 0 | 20.47 | 20.58 | 20.16 | | 3 |
| 256QAM | 12 | 6 | 20.43 | 20.44 | 20.08 | 0-3 | 3 |
| | 12 | 13 | 20.48 | 20.46 | 20.07 | | 3 |
| | 25 | 0 | 20.55 | 20.61 | 20.10 | | 3 |
| | 1 | 0 | 18.66 | 18.80 | 18.49 | 0-5 | 5 |
| | 1 | 12 | 18.76 | 18.88 | 18.23 | | 5 |
| | 1 | 24 | 18.71 | 18.78 | 18.30 | | 5 |
| 12 | 0 | 18.55 | 18.64 | 18.26 | 5 | | |
| 12 | 6 | 18.50 | 18.73 | 18.25 | 5 | | |
| 12 | 13 | 18.56 | 18.51 | 18.26 | 5 | | |
| 25 | 0 | 18.60 | 18.56 | 18.28 | 5 | | |

Table H-31

LTE Band 2 (PCS) Antenna C Measured P_{Max} and/or ECI =1 (Head) - 3 MHz Bandwidth

| LTE Band 2 (PCS) 3 MHz Bandwidth | | | | | | | |
|-------------------------------------|---------|-----------|-----------------------|-----------------------|-----------------------|------------------------------|----------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 18615 (1851.5 MHz) | 18900 (1880.0 MHz) | 19185 (1908.5 MHz) | | |
| Conducted Power [dBm] | | | | | | | |
| QPSK | 1 | 0 | 23.53 | 23.43 | 22.92 | 0 | 0 |
| | 1 | 7 | 23.39 | 23.48 | 22.97 | | 0 |
| | 1 | 14 | 23.44 | 23.35 | 22.91 | | 0 |
| | 8 | 0 | 22.49 | 22.45 | 22.06 | 0-1 | 1 |
| | 8 | 4 | 22.47 | 22.45 | 22.00 | | 1 |
| | 8 | 7 | 22.49 | 22.41 | 22.00 | | 1 |
| 16QAM | 15 | 0 | 22.50 | 22.46 | 22.01 | 0-1 | 1 |
| | 1 | 0 | 22.86 | 22.77 | 22.44 | | 1 |
| | 1 | 7 | 22.82 | 22.81 | 22.25 | | 1 |
| | 1 | 14 | 22.75 | 22.71 | 22.40 | 0-2 | 1 |
| | 8 | 0 | 21.54 | 21.55 | 21.11 | | 2 |
| | 8 | 4 | 21.53 | 21.53 | 21.14 | | 2 |
| 64QAM | 8 | 7 | 21.57 | 21.51 | 21.14 | 0-2 | 2 |
| | 15 | 0 | 21.50 | 21.47 | 21.07 | | 2 |
| | 1 | 0 | 21.73 | 21.66 | 21.19 | | 2 |
| | 1 | 7 | 21.79 | 21.77 | 21.18 | 0-2 | 2 |
| | 1 | 14 | 21.67 | 21.58 | 21.25 | | 2 |
| | 8 | 0 | 20.50 | 20.47 | 20.00 | | 3 |
| 256QAM | 8 | 4 | 20.51 | 20.45 | 19.98 | 0-3 | 3 |
| | 8 | 7 | 20.49 | 20.43 | 20.00 | | 3 |
| | 15 | 0 | 20.51 | 20.44 | 20.05 | | 3 |
| | 1 | 0 | 18.63 | 18.71 | 18.30 | 0-5 | 5 |
| | 1 | 7 | 18.66 | 18.67 | 18.27 | | 5 |
| | 1 | 14 | 18.61 | 18.64 | 18.29 | | 5 |
| 8 | 0 | 18.56 | 18.58 | 18.23 | 5 | | |
| 8 | 4 | 18.55 | 18.55 | 18.17 | 5 | | |
| 8 | 7 | 18.57 | 18.58 | 18.19 | 5 | | |
| 15 | 0 | 18.58 | 18.58 | 18.22 | 5 | | |

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Table H-32
LTE Band 2 (PCS) Antenna C Measured P_{Max} and/or ECI =1 (Head) - 1.4 MHz Bandwidth

| LTE Band 2 (PCS) 1.4 MHz Bandwidth | | | | | | | | |
|---------------------------------------|---------|-----------|-----------------------|-----------------------|-----------------------|---------------------------|----------|---|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] | |
| | | | 18607 (1850.7 MHz) | 18900 (1880.0 MHz) | 19193 (1909.3 MHz) | | | |
| Conducted Power [dBm] | | | | | | | | |
| QPSK | 1 | 0 | 23.53 | 23.43 | 22.97 | 0 | 0 | |
| | 1 | 2 | 23.43 | 23.46 | 22.96 | | 0 | |
| | 1 | 5 | 23.39 | 23.51 | 22.98 | | 0 | |
| | 3 | 0 | 23.45 | 23.41 | 23.00 | | 0 | |
| | 3 | 2 | 23.51 | 23.48 | 23.02 | | 0 | |
| | 3 | 3 | 23.45 | 23.41 | 23.00 | | 0 | |
| 16QAM | 6 | 0 | 22.49 | 22.44 | 22.06 | 0-1 | 1 | |
| | 1 | 0 | 22.83 | 22.75 | 22.38 | | 1 | |
| | 1 | 2 | 22.88 | 22.95 | 22.24 | | 1 | |
| | 1 | 5 | 22.73 | 22.76 | 22.25 | | 1 | |
| | 3 | 0 | 22.60 | 22.66 | 22.16 | | 1 | |
| | 3 | 2 | 22.66 | 22.50 | 22.14 | | 1 | |
| 64QAM | 3 | 3 | 22.62 | 22.49 | 22.15 | 0-2 | 1 | |
| | 6 | 0 | 21.59 | 21.48 | 21.09 | | 2 | |
| | 1 | 0 | 21.71 | 21.62 | 21.24 | | 2 | |
| | 1 | 2 | 21.73 | 21.67 | 21.17 | | 2 | |
| | 1 | 5 | 21.67 | 21.54 | 21.22 | | 2 | |
| | 3 | 0 | 21.50 | 21.57 | 21.08 | | 2 | |
| 256QAM | 3 | 2 | 21.55 | 21.49 | 21.09 | 0-2 | 2 | |
| | 3 | 3 | 21.57 | 21.51 | 21.13 | | 2 | |
| | 6 | 0 | 20.53 | 20.39 | 20.01 | | 0-3 | 3 |
| | 1 | 0 | 18.63 | 18.72 | 18.25 | | | 5 |
| | 1 | 2 | 18.65 | 18.65 | 18.25 | | | 5 |
| | 1 | 5 | 18.70 | 18.62 | 18.27 | | | 5 |
| 3 | 0 | 18.64 | 18.60 | 18.28 | 5 | | | |
| 3 | 2 | 18.60 | 18.63 | 18.28 | 5 | | | |
| 256QAM | 3 | 3 | 18.65 | 18.61 | 18.29 | 0-5 | 5 | |
| | 6 | 0 | 18.57 | 18.57 | 18.15 | | 5 | |

Table H-33
LTE Band 2 (PCS) Antenna C P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 15 MHz Bandwidth

| LTE Band 2 (PCS) 15 MHz Bandwidth | | | | | | | | |
|--------------------------------------|---------|-----------|-----------------------|-----------------------|-----------------------|---------------------------|----------|---|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] | |
| | | | 18675 (1857.5 MHz) | 18900 (1880.0 MHz) | 19125 (1902.5 MHz) | | | |
| Conducted Power [dBm] | | | | | | | | |
| QPSK | 1 | 0 | 21.65 | 21.62 | 21.45 | 0 | 0 | |
| | 1 | 36 | 21.59 | 21.65 | 21.29 | | 0 | |
| | 1 | 74 | 21.64 | 21.57 | 21.24 | | 0 | |
| | 36 | 0 | 21.62 | 21.58 | 21.35 | | 0-1 | 0 |
| | 36 | 18 | 21.56 | 21.59 | 21.27 | | | 0 |
| | 36 | 37 | 21.59 | 21.54 | 21.23 | | | 0 |
| 75 | 0 | 21.60 | 21.52 | 21.29 | 0 | | | |
| 16QAM | 1 | 0 | 21.98 | 21.89 | 21.82 | 0-1 | | 0 |
| | 1 | 36 | 21.82 | 21.85 | 21.70 | | | 0 |
| | 1 | 74 | 21.88 | 21.81 | 21.60 | | 0 | |
| | 36 | 0 | 21.57 | 21.53 | 21.34 | | 0-2 | 0 |
| | 36 | 18 | 21.56 | 21.54 | 21.24 | | | 0 |
| | 36 | 37 | 21.60 | 21.52 | 21.19 | | | 0 |
| 75 | 0 | 21.56 | 21.54 | 21.30 | 0 | | | |
| 64QAM | 1 | 0 | 21.87 | 21.77 | 21.60 | 0-2 | | 0 |
| | 1 | 36 | 21.79 | 21.84 | 21.40 | | | 0 |
| | 1 | 74 | 21.82 | 21.75 | 21.44 | | 0 | |
| | 36 | 0 | 20.59 | 20.59 | 20.34 | | 0-3 | 1 |
| | 36 | 18 | 20.55 | 20.60 | 20.25 | | | 1 |
| | 36 | 37 | 20.59 | 20.53 | 20.24 | | | 1 |
| 75 | 0 | 20.56 | 20.53 | 20.30 | 1 | | | |
| 256QAM | 1 | 0 | 18.73 | 18.75 | 18.54 | 0-5 | | 3 |
| | 1 | 36 | 18.67 | 18.68 | 18.42 | | | 3 |
| | 1 | 74 | 18.81 | 18.71 | 18.45 | | 3 | |
| | 36 | 0 | 18.61 | 18.57 | 18.41 | | 3 | |
| | 36 | 18 | 18.61 | 18.64 | 18.35 | | 3 | |
| | 36 | 37 | 18.65 | 18.60 | 18.28 | | 3 | |
| 256QAM | 75 | 0 | 18.63 | 18.62 | 18.34 | 0-5 | 3 | |

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Table H-34
LTE Band 2 (PCS) Antenna C P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or
ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 10 MHz Bandwidth

| LTE Band 2 (PCS) 10 MHz Bandwidth | | | | | | | |
|--------------------------------------|---------|-----------|-----------------------|-----------------------|-----------------------|------------------------------|----------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 18650 (1855.0 MHz) | 18900 (1880.0 MHz) | 19150 (1905.0 MHz) | | |
| | | | Conducted Power [dBm] | | | | |
| QPSK | 1 | 0 | 21.68 | 21.62 | 21.29 | 0 | 0 |
| | 1 | 25 | 21.50 | 21.51 | 21.15 | | 0 |
| | 1 | 49 | 21.60 | 21.52 | 21.23 | | 0 |
| | 25 | 0 | 21.57 | 21.56 | 21.22 | 0-1 | 0 |
| | 25 | 12 | 21.52 | 21.55 | 21.16 | | 0 |
| | 25 | 25 | 21.54 | 21.51 | 21.13 | | 0 |
| 16QAM | 50 | 0 | 21.59 | 21.55 | 21.19 | 0-1 | 0 |
| | 1 | 0 | 21.99 | 21.98 | 21.53 | | 0 |
| | 1 | 25 | 21.80 | 21.84 | 21.47 | | 0 |
| | 1 | 49 | 21.80 | 21.96 | 21.48 | 0-2 | 0 |
| | 25 | 0 | 21.55 | 21.55 | 21.19 | | 0 |
| | 25 | 12 | 21.49 | 21.53 | 21.15 | | 0 |
| 64QAM | 25 | 25 | 21.54 | 21.53 | 21.16 | 0-2 | 0 |
| | 50 | 0 | 21.56 | 21.50 | 21.18 | | 0 |
| | 1 | 0 | 21.81 | 21.72 | 21.57 | | 0-2 |
| | 1 | 25 | 21.62 | 21.76 | 21.33 | 0 | |
| | 1 | 49 | 21.77 | 21.73 | 21.40 | 0 | |
| | 256QAM | 25 | 0 | 20.54 | 20.54 | 20.17 | 0-3 |
| 25 | | 12 | 20.49 | 20.47 | 20.13 | 1 | |
| 25 | | 25 | 20.48 | 20.48 | 20.08 | 1 | |
| 50 | | 0 | 20.56 | 20.51 | 20.18 | 0-5 | 1 |
| 1 | | 0 | 18.73 | 18.80 | 18.59 | | 3 |
| 1 | | 25 | 18.65 | 18.78 | 18.35 | | 3 |
| 256QAM | 1 | 49 | 18.76 | 18.80 | 18.42 | 0-5 | 3 |
| | 25 | 0 | 18.58 | 18.58 | 18.26 | | 3 |
| | 25 | 12 | 18.60 | 18.56 | 18.26 | | 3 |
| | 25 | 25 | 18.56 | 18.54 | 18.23 | 3 | |
| | 50 | 0 | 18.58 | 18.57 | 18.29 | 3 | |

Table H-35
LTE Band 2 (PCS) Antenna C P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or
ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 5 MHz Bandwidth

| LTE Band 2 (PCS) 5 MHz Bandwidth | | | | | | | |
|-------------------------------------|---------|-----------|-----------------------|-----------------------|-----------------------|------------------------------|----------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 18625 (1852.5 MHz) | 18900 (1880.0 MHz) | 19175 (1907.5 MHz) | | |
| | | | Conducted Power [dBm] | | | | |
| QPSK | 1 | 0 | 21.59 | 21.59 | 21.13 | 0 | 0 |
| | 1 | 12 | 21.55 | 21.57 | 21.14 | | 0 |
| | 1 | 24 | 21.55 | 21.53 | 21.14 | | 0 |
| | 12 | 0 | 21.60 | 21.59 | 21.15 | 0-1 | 0 |
| | 12 | 6 | 21.57 | 21.55 | 21.15 | | 0 |
| | 12 | 13 | 21.58 | 21.53 | 21.14 | | 0 |
| 16QAM | 25 | 0 | 21.59 | 21.54 | 21.17 | 0-1 | 0 |
| | 1 | 0 | 21.95 | 21.87 | 21.51 | | 0 |
| | 1 | 12 | 21.94 | 21.97 | 21.66 | | 0 |
| | 1 | 24 | 21.87 | 21.77 | 21.52 | 0-2 | 0 |
| | 12 | 0 | 21.64 | 21.63 | 21.20 | | 0 |
| | 12 | 6 | 21.65 | 21.60 | 21.19 | | 0 |
| 64QAM | 12 | 13 | 21.65 | 21.59 | 21.19 | 0-2 | 0 |
| | 25 | 0 | 21.61 | 21.54 | 21.18 | | 0 |
| | 1 | 0 | 21.79 | 21.76 | 21.31 | | 0-2 |
| | 1 | 12 | 21.79 | 21.81 | 21.31 | 0 | |
| | 1 | 24 | 21.65 | 21.69 | 21.32 | 0 | |
| | 256QAM | 12 | 0 | 20.62 | 20.57 | 20.16 | 0-3 |
| 12 | | 6 | 20.57 | 20.54 | 20.17 | 1 | |
| 12 | | 13 | 20.58 | 20.56 | 20.18 | 1 | |
| 25 | | 0 | 20.56 | 20.51 | 20.13 | 0-5 | 1 |
| 1 | | 0 | 18.80 | 18.71 | 18.42 | | 3 |
| 1 | | 12 | 18.80 | 18.77 | 18.34 | | 3 |
| 256QAM | 1 | 24 | 18.76 | 18.64 | 18.42 | 0-5 | 3 |
| | 12 | 0 | 18.59 | 18.65 | 18.26 | | 3 |
| | 12 | 6 | 18.64 | 18.66 | 18.27 | | 3 |
| | 12 | 13 | 18.65 | 18.59 | 18.28 | 3 | |
| | 25 | 0 | 18.65 | 18.59 | 18.28 | 3 | |

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Table H-36
LTE Band 2 (PCS) Antenna C P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or
ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 3 MHz Bandwidth

| LTE Band 2 (PCS) 3 MHz Bandwidth | | | | | | | |
|-------------------------------------|---------|-----------|-----------------------|-----------------------|-----------------------|------------------------------|----------|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 18615 (1851.5 MHz) | 18900 (1880.0 MHz) | 19185 (1908.5 MHz) | | |
| Conducted Power [dBm] | | | | | | | |
| QPSK | 1 | 0 | 21.58 | 21.55 | 21.11 | 0 | 0 |
| | 1 | 7 | 21.51 | 21.47 | 21.07 | | 0 |
| | 1 | 14 | 21.48 | 21.44 | 21.05 | | 0 |
| | 8 | 0 | 21.52 | 21.51 | 21.08 | 0-1 | 0 |
| | 8 | 4 | 21.53 | 21.46 | 21.07 | | 0 |
| | 8 | 7 | 21.52 | 21.47 | 21.08 | | 0 |
| 16QAM | 15 | 0 | 21.54 | 21.48 | 21.07 | 0-1 | 0 |
| | 1 | 0 | 21.83 | 21.89 | 21.52 | | 0 |
| | 1 | 7 | 21.81 | 21.87 | 21.41 | | 0 |
| | 1 | 14 | 21.94 | 21.89 | 21.47 | 0-2 | 0 |
| | 8 | 0 | 21.63 | 21.56 | 21.18 | | 0 |
| | 8 | 4 | 21.62 | 21.61 | 21.17 | | 0 |
| 64QAM | 8 | 7 | 21.63 | 21.52 | 21.17 | 0-2 | 0 |
| | 15 | 0 | 21.55 | 21.50 | 21.11 | | 0 |
| | 1 | 0 | 21.73 | 21.70 | 21.31 | | 0-3 |
| | 1 | 7 | 21.83 | 21.73 | 21.31 | 0 | |
| | 1 | 14 | 21.72 | 21.65 | 21.28 | 0 | |
| | 8 | 0 | 20.49 | 20.53 | 20.13 | 1 | |
| 256QAM | 8 | 4 | 20.49 | 20.45 | 20.08 | 0-3 | 1 |
| | 8 | 7 | 20.60 | 20.50 | 20.05 | | 1 |
| | 15 | 0 | 20.52 | 20.51 | 20.09 | | 1 |
| | 1 | 0 | 18.62 | 18.71 | 18.36 | 0-5 | 3 |
| | 1 | 7 | 18.70 | 18.74 | 18.32 | | 3 |
| | 1 | 14 | 18.76 | 18.66 | 18.28 | | 3 |
| 8 | 0 | 18.60 | 18.65 | 18.26 | 3 | | |
| 8 | 4 | 18.59 | 18.59 | 18.22 | 3 | | |
| 8 | 7 | 18.60 | 18.60 | 18.22 | 3 | | |
| 15 | 0 | 18.60 | 18.60 | 18.24 | 3 | | |

Table H-37
LTE Band 2 (PCS) Antenna C P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or
ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 1.4 MHz Bandwidth

| LTE Band 2 (PCS) 1.4 MHz Bandwidth | | | | | | | | |
|---------------------------------------|---------|-----------|-----------------------|-----------------------|-----------------------|------------------------------|----------|---|
| Modulation | RB Size | RB Offset | Low Channel | Mid Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] | |
| | | | 18607 (1850.7 MHz) | 18900 (1880.0 MHz) | 19193 (1909.3 MHz) | | | |
| Conducted Power [dBm] | | | | | | | | |
| QPSK | 1 | 0 | 21.54 | 21.50 | 21.05 | 0 | 0 | |
| | 1 | 2 | 21.54 | 21.48 | 21.05 | | 0 | |
| | 1 | 5 | 21.49 | 21.48 | 21.04 | | 0 | |
| | 3 | 0 | 21.52 | 21.45 | 21.02 | 0-1 | 0 | |
| | 3 | 2 | 21.52 | 21.48 | 20.96 | | 0 | |
| | 3 | 3 | 21.50 | 21.47 | 21.03 | | 0 | |
| 16QAM | 6 | 0 | 21.54 | 21.48 | 21.03 | 0-1 | 0 | |
| | 1 | 0 | 21.92 | 21.78 | 21.34 | | 0-1 | 0 |
| | 1 | 2 | 21.92 | 21.71 | 21.47 | | | 0 |
| | 1 | 5 | 21.84 | 21.83 | 21.40 | 0 | | |
| | 3 | 0 | 21.58 | 21.59 | 21.10 | 0-2 | 0 | |
| | 3 | 2 | 21.62 | 21.52 | 21.11 | | 0 | |
| 3 | 3 | 21.65 | 21.62 | 21.13 | 0 | | | |
| 64QAM | 6 | 0 | 21.58 | 21.55 | 21.10 | 0-2 | 0 | |
| | 1 | 0 | 21.75 | 21.71 | 21.19 | | 0-2 | 0 |
| | 1 | 2 | 21.77 | 21.73 | 21.28 | | | 0 |
| | 1 | 5 | 21.68 | 21.72 | 21.23 | 0 | | |
| | 3 | 0 | 21.63 | 21.53 | 21.02 | 0-3 | 0 | |
| | 3 | 2 | 21.56 | 21.51 | 21.04 | | 0 | |
| 3 | 3 | 21.54 | 21.55 | 21.18 | 0 | | | |
| 256QAM | 6 | 0 | 20.50 | 20.50 | 20.02 | 0-3 | 1 | |
| | 1 | 0 | 18.75 | 18.66 | 18.29 | | 0-5 | 3 |
| | 1 | 2 | 18.71 | 18.60 | 18.35 | | | 3 |
| | 1 | 5 | 18.65 | 18.71 | 18.26 | 3 | | |
| | 3 | 0 | 18.70 | 18.69 | 18.35 | 3 | | |
| | 3 | 2 | 18.71 | 18.66 | 18.33 | 3 | | |
| 3 | 3 | 18.69 | 18.64 | 18.34 | 3 | | | |
| 6 | 0 | 18.59 | 18.57 | 18.13 | 3 | | | |

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H.1.5 LTE Band 41 Antenna B

Table H-38

LTE Band 41 Antenna B Measured P_{Max} and/or ECI =1 (Head) - 15 MHz Bandwidth

| LTE Band 41 15 MHz Bandwidth | | | | | | | | | | |
|---------------------------------|---------|-----------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------------|----------|-----|
| Modulation | RB Size | RB Offset | Low Channel | Low-Mid Channel | Mid Channel | Mid-High Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] | |
| | | | 39750 (2506.0 MHz) | 40185 (2549.5 MHz) | 40620 (2593.0 MHz) | 41055 (2636.5 MHz) | 41490 (2680.0 MHz) | | | |
| | | | Conducted Power [dBm] | | | | | | | |
| QPSK | 1 | 0 | 22.38 | 22.45 | 22.48 | 22.05 | 22.12 | 0 | 0 | |
| | 1 | 36 | 22.38 | 22.47 | 22.47 | 22.02 | 22.25 | | 0 | |
| | 1 | 74 | 22.41 | 22.46 | 22.29 | 21.94 | 22.30 | | 0 | |
| | 16QAM | 36 | 0 | 21.40 | 21.45 | 21.45 | 21.04 | 21.20 | 0-1 | 1 |
| | | 36 | 18 | 21.39 | 21.43 | 21.36 | 20.97 | 21.20 | | 1 |
| | | 36 | 37 | 21.43 | 21.41 | 21.37 | 20.95 | 21.25 | | 1 |
| | | 64QAM | 75 | 0 | 21.42 | 21.42 | 21.40 | 20.99 | 21.22 | 0-1 |
| 1 | | | 0 | 21.67 | 21.69 | 21.73 | 21.29 | 21.35 | 1 | |
| 1 | | | 36 | 21.65 | 21.67 | 21.67 | 21.22 | 21.45 | 1 | |
| 256QAM | | | 1 | 74 | 21.68 | 21.69 | 21.63 | 21.17 | 21.55 | 0-2 |
| | 36 | | 0 | 20.36 | 20.43 | 20.40 | 20.01 | 20.17 | 2 | |
| | 36 | | 18 | 20.36 | 20.41 | 20.33 | 19.94 | 20.19 | 2 | |
| | QPSK | | 36 | 37 | 20.39 | 20.38 | 20.33 | 19.93 | 20.23 | 0-2 |
| | | 75 | 0 | 20.44 | 20.49 | 20.44 | 20.06 | 20.27 | 2 | |
| | | 1 | 0 | 20.44 | 20.47 | 20.50 | 20.07 | 20.15 | 2 | |
| | | 16QAM | 1 | 36 | 20.47 | 20.51 | 20.49 | 20.04 | 20.28 | 0-2 |
| 1 | | | 74 | 20.46 | 20.47 | 20.31 | 19.97 | 20.35 | 2 | |
| 36 | | | 0 | 19.40 | 19.48 | 19.48 | 19.10 | 19.23 | 3 | |
| 64QAM | | | 36 | 18 | 19.41 | 19.47 | 19.40 | 19.04 | 19.26 | 0-3 |
| | 36 | | 37 | 19.46 | 19.46 | 19.40 | 19.03 | 19.29 | 3 | |
| | 75 | | 0 | 19.46 | 19.55 | 19.48 | 19.09 | 19.31 | 3 | |
| | 256QAM | | 1 | 0 | 17.51 | 17.49 | 17.68 | 17.39 | 17.32 | 0-5 |
| | | 1 | 36 | 17.55 | 17.51 | 17.66 | 17.36 | 17.36 | 5 | |
| | | 1 | 74 | 17.51 | 17.52 | 17.51 | 17.27 | 17.41 | 5 | |
| | | QPSK | 36 | 0 | 17.54 | 17.51 | 17.69 | 17.43 | 17.38 | 0-5 |
| 36 | | | 18 | 17.56 | 17.54 | 17.64 | 17.43 | 17.42 | 5 | |
| 36 | | | 37 | 17.54 | 17.53 | 17.64 | 17.35 | 17.42 | 5 | |
| 16QAM | | | 75 | 0 | 17.57 | 17.56 | 17.70 | 17.45 | 17.44 | 0-5 |

Table H-39

LTE Band 41 Antenna B Measured P_{Max} and/or ECI =1 (Head) - 10 MHz Bandwidth

| LTE Band 41 10 MHz Bandwidth | | | | | | | | | | |
|---------------------------------|---------|-----------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------------|----------|-----|
| Modulation | RB Size | RB Offset | Low Channel | Low-Mid Channel | Mid Channel | Mid-High Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] | |
| | | | 39750 (2506.0 MHz) | 40185 (2549.5 MHz) | 40620 (2593.0 MHz) | 41055 (2636.5 MHz) | 41490 (2680.0 MHz) | | | |
| | | | Conducted Power [dBm] | | | | | | | |
| QPSK | 1 | 0 | 22.36 | 22.45 | 22.52 | 22.06 | 22.19 | 0 | 0 | |
| | 1 | 25 | 22.33 | 22.42 | 22.42 | 21.98 | 22.22 | | 0 | |
| | 1 | 49 | 22.42 | 22.45 | 22.38 | 22.00 | 22.31 | | 0 | |
| | 16QAM | 25 | 0 | 21.36 | 21.42 | 21.41 | 21.02 | 21.19 | 0-1 | 1 |
| | | 25 | 12 | 21.37 | 21.37 | 21.33 | 20.95 | 21.19 | | 1 |
| | | 25 | 25 | 21.42 | 21.40 | 21.36 | 20.96 | 21.25 | | 1 |
| | | 64QAM | 50 | 0 | 21.40 | 21.40 | 21.37 | 20.99 | 21.23 | 0-1 |
| 1 | | | 0 | 21.66 | 21.68 | 21.74 | 21.28 | 21.42 | 1 | |
| 1 | | | 25 | 21.59 | 21.65 | 21.63 | 21.18 | 21.42 | 1 | |
| 256QAM | | | 1 | 49 | 21.71 | 21.70 | 21.61 | 21.23 | 21.55 | 0-2 |
| | 25 | | 0 | 20.42 | 20.48 | 20.47 | 20.09 | 20.26 | 2 | |
| | 25 | | 12 | 20.41 | 20.43 | 20.41 | 20.02 | 20.25 | 2 | |
| | QPSK | | 25 | 25 | 20.46 | 20.47 | 20.44 | 20.02 | 20.32 | 0-2 |
| | | 50 | 0 | 20.43 | 20.45 | 20.41 | 20.03 | 20.27 | 2 | |
| | | 1 | 0 | 20.43 | 20.46 | 20.51 | 20.06 | 20.20 | 2 | |
| | | 16QAM | 1 | 25 | 20.41 | 20.46 | 20.45 | 20.00 | 20.26 | 0-2 |
| 1 | | | 49 | 20.49 | 20.47 | 20.38 | 20.00 | 20.33 | 2 | |
| 25 | | | 0 | 19.39 | 19.47 | 19.44 | 19.06 | 19.25 | 3 | |
| 64QAM | | | 25 | 12 | 19.39 | 19.43 | 19.37 | 19.01 | 19.24 | 0-3 |
| | 25 | | 25 | 19.45 | 19.47 | 19.38 | 19.01 | 19.28 | 3 | |
| | 50 | | 0 | 19.49 | 19.53 | 19.47 | 19.11 | 19.34 | 3 | |
| | 256QAM | | 1 | 0 | 17.53 | 17.51 | 17.65 | 17.36 | 17.34 | 0-5 |
| | | 1 | 25 | 17.48 | 17.48 | 17.61 | 17.32 | 17.33 | 5 | |
| | | 1 | 49 | 17.49 | 17.51 | 17.58 | 17.32 | 17.39 | 5 | |
| | | QPSK | 25 | 0 | 17.57 | 17.58 | 17.68 | 17.46 | 17.41 | 0-5 |
| 25 | | | 12 | 17.56 | 17.55 | 17.65 | 17.41 | 17.44 | 5 | |
| 25 | | | 25 | 17.57 | 17.57 | 17.66 | 17.40 | 17.45 | 5 | |
| 16QAM | | | 50 | 0 | 17.60 | 17.60 | 17.69 | 17.46 | 17.47 | 0-5 |

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Table H-40
LTE Band 41 Antenna B Measured P_{Max} and/or ECI =1 (Head) - 5 MHz Bandwidth

| LTE Band 41 5 MHz Bandwidth | | | | | | | | | |
|--------------------------------|---------|-----------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------------|----------|
| Modulation | RB Size | RB Offset | Low Channel | Low-Mid Channel | Mid Channel | Mid-High Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 39750 (2506.0 MHz) | 40185 (2549.5 MHz) | 40620 (2593.0 MHz) | 41055 (2636.5 MHz) | 41490 (2680.0 MHz) | | |
| | | | Conducted Power [dBm] | | | | | | |
| QPSK | 1 | 0 | 22.38 | 22.46 | 22.45 | 22.05 | 22.18 | 0 | 0 |
| | 1 | 12 | 22.41 | 22.46 | 22.52 | 22.04 | 22.24 | | 0 |
| | 1 | 24 | 22.40 | 22.45 | 22.43 | 22.01 | 22.27 | | 0 |
| | 12 | 0 | 21.40 | 21.41 | 21.39 | 21.00 | 21.21 | 0-1 | 1 |
| | 12 | 6 | 21.36 | 21.37 | 21.37 | 20.94 | 21.18 | | 1 |
| | 12 | 13 | 21.38 | 21.41 | 21.36 | 20.94 | 21.20 | | 1 |
| 16QAM | 25 | 0 | 21.42 | 21.43 | 21.42 | 21.00 | 21.22 | 0-1 | 1 |
| | 1 | 0 | 21.63 | 21.67 | 21.66 | 21.25 | 21.39 | | 1 |
| | 1 | 12 | 21.69 | 21.67 | 21.68 | 21.22 | 21.44 | | 1 |
| | 1 | 24 | 21.66 | 21.65 | 21.63 | 21.20 | 21.48 | 0-2 | 1 |
| | 12 | 0 | 20.38 | 20.39 | 20.36 | 19.97 | 20.19 | | 2 |
| | 12 | 6 | 20.33 | 20.34 | 20.34 | 19.93 | 20.17 | | 2 |
| 64QAM | 12 | 13 | 20.35 | 20.39 | 20.34 | 19.93 | 20.20 | 0-2 | 2 |
| | 25 | 0 | 20.47 | 20.48 | 20.48 | 20.06 | 20.29 | | 2 |
| | 1 | 0 | 20.39 | 20.43 | 20.42 | 20.01 | 20.19 | | 0-2 |
| | 1 | 12 | 20.43 | 20.47 | 20.48 | 20.02 | 20.24 | 2 | |
| | 1 | 24 | 20.42 | 20.43 | 20.37 | 19.97 | 20.26 | 2 | |
| | 256QAM | 12 | 0 | 19.42 | 19.46 | 19.41 | 19.03 | 19.24 | 0-3 |
| 12 | | 6 | 19.40 | 19.42 | 19.42 | 19.00 | 19.23 | 3 | |
| 12 | | 13 | 19.40 | 19.44 | 19.39 | 18.99 | 19.26 | 3 | |
| 25 | | 0 | 19.43 | 19.47 | 19.45 | 19.03 | 19.28 | 0-5 | 3 |
| 1 | | 0 | 17.52 | 17.50 | 17.60 | 17.34 | 17.32 | | 5 |
| 1 | | 12 | 17.50 | 17.49 | 17.64 | 17.31 | 17.32 | | 5 |
| 16QAM | 1 | 24 | 17.51 | 17.51 | 17.59 | 17.30 | 17.36 | 0-5 | 5 |
| | 12 | 0 | 17.67 | 17.66 | 17.75 | 17.50 | 17.49 | | 5 |
| | 12 | 6 | 17.65 | 17.65 | 17.76 | 17.47 | 17.51 | | 5 |
| | 12 | 13 | 17.66 | 17.69 | 17.76 | 17.46 | 17.52 | 5 | |
| | 25 | 0 | 17.62 | 17.61 | 17.72 | 17.43 | 17.47 | 5 | |

Table H-41
LTE Band 41 Antenna B P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 15 MHz Bandwidth

| LTE Band 41 15 MHz Bandwidth | | | | | | | | | |
|---------------------------------|---------|-----------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------------|----------|
| Modulation | RB Size | RB Offset | Low Channel | Low-Mid Channel | Mid Channel | Mid-High Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 39750 (2506.0 MHz) | 40185 (2549.5 MHz) | 40620 (2593.0 MHz) | 41055 (2636.5 MHz) | 41490 (2680.0 MHz) | | |
| | | | Conducted Power [dBm] | | | | | | |
| QPSK | 1 | 0 | 21.41 | 21.35 | 21.60 | 21.46 | 21.85 | 0 | 0 |
| | 1 | 36 | 21.40 | 21.37 | 21.67 | 21.46 | 21.99 | | 0 |
| | 1 | 74 | 21.40 | 21.36 | 21.61 | 21.42 | 22.05 | | 0 |
| | 36 | 0 | 21.39 | 21.30 | 21.57 | 21.45 | 21.88 | 0-1 | 0 |
| | 36 | 18 | 21.36 | 21.28 | 21.53 | 21.37 | 21.92 | | 0 |
| | 36 | 37 | 21.41 | 21.27 | 21.59 | 21.37 | 21.97 | | 0 |
| 16QAM | 75 | 0 | 21.36 | 21.32 | 21.58 | 21.39 | 21.92 | 0-1 | 0 |
| | 1 | 0 | 21.67 | 21.55 | 21.81 | 21.65 | 22.06 | | 0 |
| | 1 | 36 | 21.61 | 21.54 | 21.86 | 21.62 | 22.16 | | 0 |
| | 1 | 74 | 21.65 | 21.55 | 21.81 | 21.61 | 22.26 | 0-2 | 0 |
| | 36 | 0 | 20.34 | 20.28 | 20.54 | 20.40 | 20.86 | | 1 |
| | 36 | 18 | 20.33 | 20.25 | 20.51 | 20.35 | 20.89 | | 1 |
| 64QAM | 36 | 37 | 20.36 | 20.24 | 20.55 | 20.33 | 20.93 | 0-2 | 1 |
| | 75 | 0 | 20.41 | 20.34 | 20.63 | 20.45 | 20.97 | | 1 |
| | 1 | 0 | 20.42 | 20.32 | 20.59 | 20.44 | 20.84 | | 1 |
| | 1 | 36 | 20.41 | 20.35 | 20.66 | 20.44 | 20.99 | 0-2 | 1 |
| | 1 | 74 | 20.41 | 20.34 | 20.58 | 20.41 | 21.06 | | 1 |
| | 36 | 0 | 19.40 | 19.34 | 19.61 | 19.45 | 19.94 | | 2 |
| 256QAM | 36 | 18 | 19.38 | 19.33 | 19.56 | 19.42 | 19.97 | 0-3 | 2 |
| | 36 | 37 | 19.41 | 19.32 | 19.62 | 19.42 | 20.03 | | 2 |
| | 75 | 0 | 19.44 | 19.39 | 19.66 | 19.48 | 20.01 | | 2 |
| | 1 | 0 | 17.49 | 17.34 | 17.78 | 17.75 | 18.01 | 0-5 | 4 |
| | 1 | 36 | 17.50 | 17.36 | 17.87 | 17.76 | 18.06 | | 4 |
| | 1 | 74 | 17.46 | 17.40 | 17.80 | 17.70 | 18.13 | | 4 |
| 256QAM | 36 | 0 | 17.53 | 17.39 | 17.83 | 17.81 | 18.08 | 0-5 | 4 |
| | 36 | 18 | 17.55 | 17.43 | 17.83 | 17.80 | 18.13 | | 4 |
| | 36 | 37 | 17.49 | 17.42 | 17.87 | 17.76 | 18.15 | | 4 |
| | 75 | 0 | 17.56 | 17.44 | 17.89 | 17.82 | 18.15 | | 4 |

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Table H-42
LTE Band 41 Antenna B P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or
ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 10 MHz Bandwidth

| LTE Band 41 10 MHz Bandwidth | | | | | | | | | |
|---------------------------------|---------|-----------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------------|----------|
| Modulation | RB Size | RB Offset | Low Channel | Low-Mid Channel | Mid Channel | Mid-High Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 39750 (2506.0 MHz) | 40185 (2549.5 MHz) | 40620 (2593.0 MHz) | 41055 (2636.5 MHz) | 41490 (2680.0 MHz) | | |
| | | | Conducted Power [dBm] | | | | | | |
| QPSK | 1 | 0 | 21.40 | 21.36 | 21.66 | 21.47 | 21.92 | 0 | 0 |
| | 1 | 25 | 21.38 | 21.33 | 21.63 | 21.43 | 21.94 | | 0 |
| | 1 | 49 | 21.41 | 21.37 | 21.64 | 21.45 | 22.05 | | 0 |
| | 25 | 0 | 21.38 | 21.28 | 21.57 | 21.42 | 21.91 | 0-1 | 0 |
| | 25 | 12 | 21.35 | 21.24 | 21.53 | 21.36 | 21.89 | | 0 |
| | 25 | 25 | 21.39 | 21.27 | 21.57 | 21.37 | 21.94 | | 0 |
| 16QAM | 50 | 0 | 21.39 | 21.27 | 21.57 | 21.39 | 21.93 | 0-1 | 0 |
| | 1 | 0 | 21.64 | 21.54 | 21.87 | 21.64 | 22.12 | | 0 |
| | 1 | 25 | 21.56 | 21.49 | 21.82 | 21.58 | 22.11 | | 0 |
| | 1 | 49 | 21.68 | 21.56 | 21.86 | 21.64 | 22.25 | 0-2 | 0 |
| | 25 | 0 | 20.42 | 20.34 | 20.63 | 20.47 | 20.95 | | 1 |
| | 25 | 12 | 20.40 | 20.31 | 20.60 | 20.41 | 20.93 | | 1 |
| 64QAM | 25 | 25 | 20.44 | 20.35 | 20.62 | 20.43 | 20.99 | 0-2 | 1 |
| | 50 | 0 | 20.42 | 20.32 | 20.62 | 20.45 | 20.96 | | 1 |
| | 1 | 0 | 20.42 | 20.33 | 20.64 | 20.44 | 20.89 | | 0-2 |
| | 1 | 25 | 20.35 | 20.32 | 20.61 | 20.39 | 20.94 | 1 | |
| | 1 | 49 | 20.44 | 20.32 | 20.62 | 20.43 | 21.02 | 1 | |
| | 256QAM | 25 | 0 | 19.40 | 19.31 | 19.61 | 19.45 | 19.93 | 0-3 |
| 25 | | 12 | 19.37 | 19.27 | 19.56 | 19.41 | 19.93 | 2 | |
| 25 | | 25 | 19.40 | 19.30 | 19.60 | 19.40 | 19.98 | 2 | |
| 50 | | 0 | 19.47 | 19.36 | 19.67 | 19.49 | 20.03 | 0-5 | 2 |
| 1 | | 0 | 17.52 | 17.37 | 17.80 | 17.74 | 18.03 | | 4 |
| 1 | | 25 | 17.46 | 17.32 | 17.81 | 17.69 | 18.01 | | 4 |
| 256QAM | 1 | 49 | 17.45 | 17.38 | 17.82 | 17.70 | 18.10 | 0-5 | 4 |
| | 25 | 0 | 17.56 | 17.43 | 17.85 | 17.84 | 18.10 | | 4 |
| | 25 | 12 | 17.55 | 17.41 | 17.85 | 17.81 | 18.13 | | 4 |
| | 25 | 25 | 17.53 | 17.42 | 17.87 | 17.79 | 18.15 | 4 | |
| | 50 | 0 | 17.58 | 17.45 | 17.89 | 17.84 | 18.17 | 4 | |

Table H-43
LTE Band 41 Antenna B P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or
ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 5 MHz Bandwidth

| LTE Band 41 5 MHz Bandwidth | | | | | | | | | |
|--------------------------------|---------|-----------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------------|----------|
| Modulation | RB Size | RB Offset | Low Channel | Low-Mid Channel | Mid Channel | Mid-High Channel | High Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 39750 (2506.0 MHz) | 40185 (2549.5 MHz) | 40620 (2593.0 MHz) | 41055 (2636.5 MHz) | 41490 (2680.0 MHz) | | |
| | | | Conducted Power [dBm] | | | | | | |
| QPSK | 1 | 0 | 21.36 | 21.34 | 21.62 | 21.45 | 21.92 | 0 | 0 |
| | 1 | 12 | 21.39 | 21.39 | 21.69 | 21.46 | 22.02 | | 0 |
| | 1 | 24 | 21.39 | 21.34 | 21.65 | 21.43 | 22.01 | | 0 |
| | 12 | 0 | 21.39 | 21.27 | 21.55 | 21.40 | 21.91 | 0-1 | 0 |
| | 12 | 6 | 21.33 | 21.22 | 21.55 | 21.35 | 21.90 | | 0 |
| | 12 | 13 | 21.35 | 21.25 | 21.54 | 21.34 | 21.90 | | 0 |
| 16QAM | 25 | 0 | 21.39 | 21.27 | 21.59 | 21.40 | 21.94 | 0-1 | 0 |
| | 1 | 0 | 21.61 | 21.51 | 21.80 | 21.64 | 22.09 | | 0 |
| | 1 | 12 | 21.62 | 21.53 | 21.83 | 21.64 | 22.18 | | 0 |
| | 1 | 24 | 21.62 | 21.51 | 21.84 | 21.61 | 22.18 | 0-2 | 0 |
| | 12 | 0 | 20.35 | 20.25 | 20.53 | 20.37 | 20.90 | | 1 |
| | 12 | 6 | 20.32 | 20.19 | 20.51 | 20.31 | 20.85 | | 1 |
| 64QAM | 12 | 13 | 20.32 | 20.24 | 20.53 | 20.34 | 20.90 | 0-2 | 1 |
| | 25 | 0 | 20.45 | 20.34 | 20.65 | 20.46 | 20.99 | | 1 |
| | 1 | 0 | 20.38 | 20.28 | 20.58 | 20.41 | 20.88 | | 0-2 |
| | 1 | 12 | 20.40 | 20.31 | 20.64 | 20.40 | 20.98 | 1 | |
| | 1 | 24 | 20.39 | 20.26 | 20.59 | 20.37 | 20.98 | 1 | |
| | 256QAM | 12 | 0 | 19.40 | 19.31 | 19.58 | 19.43 | 19.95 | 0-3 |
| 12 | | 6 | 19.37 | 19.29 | 19.58 | 19.40 | 19.93 | 2 | |
| 12 | | 13 | 19.36 | 19.30 | 19.58 | 19.39 | 19.95 | 2 | |
| 25 | | 0 | 19.40 | 19.32 | 19.64 | 19.44 | 19.97 | 0-5 | 2 |
| 1 | | 0 | 17.50 | 17.34 | 17.77 | 17.74 | 18.02 | | 4 |
| 1 | | 12 | 17.48 | 17.33 | 17.83 | 17.73 | 18.04 | | 4 |
| 256QAM | 1 | 24 | 17.46 | 17.34 | 17.81 | 17.71 | 18.07 | 0-5 | 4 |
| | 12 | 0 | 17.65 | 17.51 | 17.94 | 17.90 | 18.18 | | 4 |
| | 12 | 6 | 17.63 | 17.50 | 17.95 | 17.87 | 18.21 | | 4 |
| | 12 | 13 | 17.62 | 17.53 | 17.96 | 17.86 | 18.22 | 4 | |
| | 25 | 0 | 17.57 | 17.46 | 17.92 | 17.84 | 18.18 | 4 | |

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H.2 NR Lower Bandwidth RF Conducted Powers

H.2.1 NR Band 5 Antenna A

Table H-44
NR Band 5 Antenna A Measured P_{Max} and/or ECI =1 (Head) - 15 MHz Bandwidth

| NR Band n5 15 MHz Bandwidth | | | | | |
|--------------------------------|---------|-----------|-----------------------|---------------------------|----------|
| Modulation | RB Size | RB Offset | Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 167300 (836.5 MHz) | | |
| | | | Conducted Power [dBm] | | |
| DFT-s-OFDM QPSK | 1 | 1 | 23.92 | 0 | 0.0 |
| | 1 | 40 | 23.97 | | 0.0 |
| | 1 | 77 | 23.92 | | 0.0 |
| | 36 | 0 | 23.12 | 0-1 | 1.0 |
| | 36 | 22 | 24.08 | 0 | 0.0 |
| | 36 | 43 | 23.05 | 0-1 | 1.0 |
| | 75 | 0 | 23.10 | | 1.0 |
| DFT-s-OFDM 16QAM | 1 | 1 | 23.32 | 0-1 | 1.0 |
| CP-OFDM QPSK | 1 | 1 | 22.54 | 0-1.5 | 1.5 |

Table H-45
NR Band 5 Antenna A Measured P_{Max} and/or ECI =1 (Head) - 10 MHz Bandwidth

| NR Band n5 10 MHz Bandwidth | | | | | |
|--------------------------------|---------|-----------|-----------------------|---------------------------|----------|
| Modulation | RB Size | RB Offset | Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 167300 (836.5 MHz) | | |
| | | | Conducted Power [dBm] | | |
| DFT-s-OFDM QPSK | 1 | 1 | 23.89 | 0 | 0.0 |
| | 1 | 26 | 23.95 | | 0.0 |
| | 1 | 50 | 23.96 | | 0.0 |
| | 25 | 0 | 23.17 | 0-1 | 1.0 |
| | 25 | 14 | 24.15 | 0 | 0.0 |
| | 25 | 27 | 23.08 | 0-1 | 1.0 |
| | 50 | 0 | 23.10 | | 1.0 |
| DFT-s-OFDM 16QAM | 1 | 1 | 23.37 | 0-1 | 1.0 |
| CP-OFDM QPSK | 1 | 1 | 22.62 | 0-1.5 | 1.5 |

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Table H-46
NR Band 5 Antenna A Measured P_{Max} and/or ECI =1 (Head) - 5 MHz Bandwidth

| NR Band n5 5 MHz Bandwidth | | | | | | | |
|-------------------------------|---------|-----------|-----------------------|--------------------|--------------------|---------------------------|----------|
| Modulation | RB Size | RB Offset | Channel | | | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 165300 (826.5 MHz) | 167300 (836.5 MHz) | 169300 (846.5 MHz) | | |
| | | | Conducted Power [dBm] | | | | |
| DFT-s-OFDM QPSK | 1 | 1 | 23.94 | 23.85 | 24.00 | 0 | 0.0 |
| | 1 | 13 | 23.92 | 23.92 | 23.90 | | 0.0 |
| | 1 | 23 | 23.90 | 23.97 | 23.92 | | 0.0 |
| | 12 | 0 | 23.13 | 23.20 | 23.14 | 0-1 | 1.0 |
| | 12 | 7 | 24.17 | 24.19 | 24.19 | 0 | 0.0 |
| | 12 | 13 | 23.17 | 23.13 | 23.14 | 0-1 | 1.0 |
| | 25 | 0 | 23.14 | 23.20 | 23.14 | | 1.0 |
| DFT-s-OFDM 16QAM | 1 | 1 | 23.06 | 23.35 | 23.25 | 0-1 | 1.0 |
| CP-OFDM QPSK | 1 | 1 | 22.32 | 22.45 | 22.44 | 0-1.5 | 1.5 |

Table H-47
NR Band 5 Antenna A Measured P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 15 MHz Bandwidth

| NR Band n5 15 MHz Bandwidth | | | | | |
|--------------------------------|---------|-----------|-----------------------|---------------------------|----------|
| Modulation | RB Size | RB Offset | Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 167300 (836.5 MHz) | | |
| | | | Conducted Power [dBm] | | |
| DFT-s-OFDM QPSK | 1 | 1 | 22.70 | 0 | 0.0 |
| | 1 | 40 | 22.70 | | 0.0 |
| | 1 | 77 | 22.68 | | 0.0 |
| | 36 | 0 | 22.83 | 0-1 | 0.0 |
| | 36 | 22 | 22.78 | 0 | 0.0 |
| | 36 | 43 | 22.74 | 0-1 | 0.0 |
| | 75 | 0 | 22.78 | | 0.0 |
| DFT-s-OFDM 16QAM | 1 | 1 | 23.06 | 0-1 | 0.0 |
| CP-OFDM QPSK | 1 | 1 | 22.21 | 0-1.5 | 0.5 |

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Table H-48
NR Band 5 Antenna A Measured P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or
ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 10 MHz Bandwidth

| NR Band n5 10 MHz Bandwidth | | | | | | | |
|--------------------------------|---------|-----------|-----------------------|--|--|---------------------------|----------|
| Modulation | RB Size | RB Offset | Channel | | | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 167300 (836.5 MHz) | | | | |
| | | | Conducted Power [dBm] | | | | |
| DFT-s-OFDM QPSK | 1 | 1 | 22.64 | | | 0 | 0.0 |
| | 1 | 26 | 22.67 | | | | 0.0 |
| | 1 | 50 | 22.68 | | | | 0.0 |
| | 25 | 0 | 22.85 | | | 0-1 | 0.0 |
| | 25 | 14 | 22.85 | | | 0 | 0.0 |
| | 25 | 27 | 22.77 | | | 0-1 | 0.0 |
| | 50 | 0 | 22.78 | | | | 0.0 |
| DFT-s-OFDM 16QAM | 1 | 1 | 23.02 | | | 0-1 | 0.0 |
| CP-OFDM QPSK | 1 | 1 | 22.20 | | | 0-1.5 | 0.5 |

Table H-49
NR Band 5 Antenna A Measured P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or
ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 5 MHz Bandwidth

| NR Band n5 5 MHz Bandwidth | | | | | | | |
|-------------------------------|---------|-----------|-----------------------|--------------------|--------------------|---------------------------|----------|
| Modulation | RB Size | RB Offset | Channel | | | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 165300 (826.5 MHz) | 167300 (836.5 MHz) | 169300 (846.5 MHz) | | |
| | | | Conducted Power [dBm] | | | | |
| DFT-s-OFDM QPSK | 1 | 1 | 22.66 | 22.63 | 22.69 | 0 | 0.0 |
| | 1 | 13 | 22.67 | 22.68 | 22.66 | | 0.0 |
| | 1 | 23 | 22.68 | 22.71 | 22.67 | | 0.0 |
| | 12 | 0 | 22.78 | 22.90 | 22.83 | 0-1 | 0.0 |
| | 12 | 7 | 22.85 | 22.87 | 22.87 | 0 | 0.0 |
| | 12 | 13 | 22.87 | 22.81 | 22.79 | 0-1 | 0.0 |
| | 25 | 0 | 22.81 | 22.85 | 22.77 | | 0.0 |
| DFT-s-OFDM 16QAM | 1 | 1 | 22.76 | 23.05 | 22.95 | 0-1 | 0.0 |
| CP-OFDM QPSK | 1 | 1 | 21.99 | 22.13 | 22.12 | 0-1.5 | 0.5 |

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H.2.2 NR Band 66 Antenna B

Table H-50
NR Band 66 Antenna B Measured P_{Max} and/or ECI =1 (Head) - 30 MHz Bandwidth

| NR Band n66 30 MHz Bandwidth | | | | | |
|---------------------------------|---------|-----------|--|---------------------------|----------|
| Modulation | RB Size | RB Offset | Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 349000 (1745 MHz) Conducted Power [dBm] | | |
| DFT-s-OFDM QPSK | 1 | 1 | 23.71 | 0 | 0.0 |
| | 1 | 80 | 23.87 | | 0.0 |
| | 1 | 158 | 23.69 | | 0.0 |
| | 80 | 0 | 23.44 | 0-1 | 1.0 |
| | 80 | 40 | 24.48 | 0 | 0.0 |
| | 80 | 80 | 23.41 | 0-1 | 1.0 |
| | 160 | 0 | 23.44 | | 1.0 |
| DFT-s-OFDM 16QAM | 1 | 1 | 22.82 | 0-1 | 1.0 |
| CP-OFDM QPSK | 1 | 1 | 22.26 | 0-1.5 | 1.5 |

Table H-51
NR Band 66 Antenna B Measured P_{Max} and/or ECI =1 (Head) - 25 MHz Bandwidth

| NR Band n66 25 MHz Bandwidth | | | | | |
|---------------------------------|---------|-----------|--|---------------------------|----------|
| Modulation | RB Size | RB Offset | Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 349000 (1745 MHz) Conducted Power [dBm] | | |
| DFT-s-OFDM QPSK | 1 | 1 | 23.66 | 0 | 0.0 |
| | 1 | 67 | 23.80 | | 0.0 |
| | 1 | 131 | 23.64 | | 0.0 |
| | 64 | 0 | 23.40 | 0-1 | 1.0 |
| | 64 | 35 | 24.48 | 0 | 0.0 |
| | 64 | 69 | 23.35 | 0-1 | 1.0 |
| | 128 | 0 | 23.38 | | 1.0 |
| DFT-s-OFDM 16QAM | 1 | 1 | 22.78 | 0-1 | 1.0 |
| CP-OFDM QPSK | 1 | 1 | 22.08 | 0-1.5 | 1.5 |

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Table H-52
NR Band 66 Antenna B Measured P_{Max} and/or ECI =1 (Head) - 20 MHz Bandwidth

| NR Band n66 20 MHz Bandwidth | | | | | | | |
|---------------------------------|---------|-----------|-----------------------|-------------------|-------------------|---------------------------|----------|
| | | | Channel | | | MPR Allowed per 3GPP [dB] | MPR [dB] |
| Modulation | RB Size | RB Offset | 344000 (1720 MHz) | 349000 (1745 MHz) | 354000 (1770 MHz) | | |
| | | | Conducted Power [dBm] | | | | |
| DFT-s-OFDM QPSK | 1 | 1 | 23.49 | 23.71 | 23.59 | 0 | 0.0 |
| | 1 | 53 | 23.66 | 23.84 | 23.58 | | 0.0 |
| | 1 | 104 | 23.67 | 23.64 | 23.54 | | 0.0 |
| | 50 | 0 | 23.16 | 23.33 | 23.18 | 0-1 | 1.0 |
| | 50 | 28 | 24.25 | 24.37 | 24.17 | 0 | 0.0 |
| | 50 | 56 | 23.30 | 23.30 | 23.17 | 0-1 | 1.0 |
| | 100 | 0 | 23.21 | 23.33 | 23.15 | | 1.0 |
| DFT-s-OFDM 16QAM | 1 | 1 | 22.66 | 22.78 | 22.71 | 0-1 | 1.0 |
| CP-OFDM QPSK | 1 | 1 | 21.89 | 22.08 | 22.02 | 0-1.5 | 1.5 |

Table H-53
NR Band 66 Antenna B Measured P_{Max} and/or ECI =1 (Head) - 15 MHz Bandwidth

| NR Band n66 15 MHz Bandwidth | | | | | | | |
|---------------------------------|---------|-----------|-----------------------|-------------------|---------------------|---------------------------|----------|
| | | | Channel | | | MPR Allowed per 3GPP [dB] | MPR [dB] |
| Modulation | RB Size | RB Offset | 343500 (1717.5 MHz) | 349000 (1745 MHz) | 354500 (1772.5 MHz) | | |
| | | | Conducted Power [dBm] | | | | |
| DFT-s-OFDM QPSK | 1 | 1 | 23.50 | 23.73 | 23.51 | 0 | 0.0 |
| | 1 | 40 | 23.61 | 23.81 | 23.54 | | 0.0 |
| | 1 | 77 | 23.63 | 23.66 | 23.48 | | 0.0 |
| | 36 | 0 | 23.18 | 23.37 | 23.12 | 0-1 | 1.0 |
| | 36 | 22 | 24.24 | 24.39 | 24.10 | 0 | 0.0 |
| | 36 | 43 | 23.27 | 23.31 | 23.09 | 0-1 | 1.0 |
| | 75 | 0 | 23.25 | 23.35 | 23.13 | | 1.0 |
| DFT-s-OFDM 16QAM | 1 | 1 | 22.69 | 22.81 | 22.64 | 0-1 | 1.0 |
| CP-OFDM QPSK | 1 | 1 | 21.93 | 22.18 | 21.89 | 0-1.5 | 1.5 |

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Table H-54
NR Band 66 Antenna B Measured P_{Max} and/or ECI =1 (Head) - 10 MHz Bandwidth

| NR Band n66 10 MHz Bandwidth | | | | | | | |
|---------------------------------|---------|-----------|-----------------------|-------------------|-------------------|---------------------------|----------|
| Modulation | RB Size | RB Offset | Channel | | | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 343000 (1715 MHz) | 349000 (1745 MHz) | 355000 (1775 MHz) | | |
| | | | Conducted Power [dBm] | | | | |
| DFT-s-OFDM QPSK | 1 | 1 | 23.50 | 23.74 | 23.58 | 0 | 0.0 |
| | 1 | 26 | 23.54 | 23.70 | 23.57 | | 0.0 |
| | 1 | 50 | 23.64 | 23.73 | 23.55 | | 0.0 |
| | 25 | 0 | 23.15 | 23.32 | 23.12 | 0-1 | 1.0 |
| | 25 | 14 | 24.18 | 24.32 | 24.16 | 0 | 0.0 |
| | 25 | 27 | 23.24 | 23.33 | 23.16 | 0-1 | 1.0 |
| | 50 | 0 | 23.21 | 23.33 | 23.14 | | 1.0 |
| DFT-s-OFDM 16QAM | 1 | 1 | 22.73 | 22.85 | 22.68 | 0-1 | 1.0 |
| CP-OFDM QPSK | 1 | 1 | 21.95 | 22.12 | 21.96 | 0-1.5 | 1.5 |

Table H-55
NR Band 66 Antenna B Measured P_{Max} and/or ECI =1 (Head) - 5 MHz Bandwidth

| NR Band n66 5 MHz Bandwidth | | | | | | | |
|--------------------------------|---------|-----------|-----------------------|-------------------|---------------------|---------------------------|----------|
| Modulation | RB Size | RB Offset | Channel | | | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 342500 (1712.5 MHz) | 349000 (1745 MHz) | 355500 (1777.5 MHz) | | |
| | | | Conducted Power [dBm] | | | | |
| DFT-s-OFDM QPSK | 1 | 1 | 23.40 | 23.71 | 23.54 | 0 | 0.0 |
| | 1 | 13 | 23.42 | 23.70 | 23.56 | | 0.0 |
| | 1 | 23 | 23.42 | 23.73 | 23.50 | | 0.0 |
| | 12 | 0 | 23.09 | 23.34 | 23.19 | 0-1 | 1.0 |
| | 12 | 7 | 24.12 | 24.38 | 24.20 | 0 | 0.0 |
| | 12 | 13 | 23.11 | 23.36 | 23.22 | 0-1 | 1.0 |
| | 25 | 0 | 23.10 | 23.35 | 23.14 | | 1.0 |
| DFT-s-OFDM 16QAM | 1 | 1 | 22.54 | 22.79 | 22.57 | 0-1 | 1.0 |
| CP-OFDM QPSK | 1 | 1 | 21.80 | 22.06 | 21.85 | 0-1.5 | 1.5 |

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Table H-56
NR Band 66 Antenna B Measured P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or
ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 30 MHz Bandwidth

| NR Band n66 30 MHz Bandwidth | | | | | |
|---------------------------------|---------|-----------|-----------------------|---------------------------|----------|
| Modulation | RB Size | RB Offset | Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 349000 (1745 MHz) | | |
| | | | Conducted Power [dBm] | | |
| DFT-s-OFDM QPSK | 1 | 1 | 18.31 | 0 | 0.0 |
| | 1 | 80 | 18.48 | | 0.0 |
| | 1 | 158 | 18.29 | | 0.0 |
| | 80 | 0 | 18.45 | 0-1 | 0.0 |
| | 80 | 40 | 18.49 | 0 | 0.0 |
| | 80 | 80 | 18.45 | 0-1 | 0.0 |
| | 160 | 0 | 18.47 | | 0.0 |
| DFT-s-OFDM 16QAM | 1 | 1 | 18.28 | 0-1 | 0.0 |
| CP-OFDM QPSK | 1 | 1 | 18.12 | 0-1.5 | 0.0 |

Table H-57
NR Band 66 Antenna B Measured P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or
ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 25 MHz Bandwidth

| NR Band n66 25 MHz Bandwidth | | | | | |
|---------------------------------|---------|-----------|-----------------------|---------------------------|----------|
| Modulation | RB Size | RB Offset | Channel | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 349000 (1745 MHz) | | |
| | | | Conducted Power [dBm] | | |
| DFT-s-OFDM QPSK | 1 | 1 | 18.27 | 0 | 0.0 |
| | 1 | 67 | 18.49 | | 0.0 |
| | 1 | 131 | 18.30 | | 0.0 |
| | 64 | 0 | 18.45 | 0-1 | 0.0 |
| | 64 | 35 | 18.49 | 0 | 0.0 |
| | 64 | 69 | 18.42 | 0-1 | 0.0 |
| | 128 | 0 | 18.44 | | 0.0 |
| DFT-s-OFDM 16QAM | 1 | 1 | 18.23 | 0-1 | 0.0 |
| CP-OFDM QPSK | 1 | 1 | 18.14 | 0-1.5 | 0.0 |

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Table H-58
NR Band 66 Antenna B Measured P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or
ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 20 MHz Bandwidth

| NR Band n66 20 MHz Bandwidth | | | | | | | |
|---------------------------------|---------|-----------|-----------------------|-------------------|-------------------|---------------------------|----------|
| Modulation | RB Size | RB Offset | Channel | | | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 344000 (1720 MHz) | 349000 (1745 MHz) | 354000 (1770 MHz) | | |
| | | | Conducted Power [dBm] | | | | |
| DFT-s-OFDM QPSK | 1 | 1 | 18.11 | 18.36 | 18.26 | 0 | 0.0 |
| | 1 | 53 | 18.28 | 18.47 | 18.24 | | 0.0 |
| | 1 | 104 | 18.29 | 18.36 | 18.20 | | 0.0 |
| | 50 | 0 | 18.26 | 18.45 | 18.33 | 0-1 | 0.0 |
| | 50 | 28 | 18.37 | 18.50 | 18.32 | 0 | 0.0 |
| | 50 | 56 | 18.38 | 18.45 | 18.32 | 0-1 | 0.0 |
| | 100 | 0 | 18.31 | 18.45 | 18.28 | | 0.0 |
| DFT-s-OFDM 16QAM | 1 | 1 | 18.19 | 18.33 | 18.27 | 0-1 | 0.0 |
| CP-OFDM QPSK | 1 | 1 | 18.02 | 18.21 | 18.11 | 0-1.5 | 0.0 |

Table H-59
NR Band 66 Antenna B Measured P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or
ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 15 MHz Bandwidth

| NR Band n66 15 MHz Bandwidth | | | | | | | |
|---------------------------------|---------|-----------|-----------------------|-------------------|---------------------|---------------------------|----------|
| Modulation | RB Size | RB Offset | Channel | | | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 343500 (1717.5 MHz) | 349000 (1745 MHz) | 354500 (1772.5 MHz) | | |
| | | | Conducted Power [dBm] | | | | |
| DFT-s-OFDM QPSK | 1 | 1 | 18.14 | 18.36 | 18.21 | 0 | 0.0 |
| | 1 | 40 | 18.23 | 18.46 | 18.23 | | 0.0 |
| | 1 | 77 | 18.28 | 18.34 | 18.20 | | 0.0 |
| | 36 | 0 | 18.27 | 18.46 | 18.25 | 0-1 | 0.0 |
| | 36 | 22 | 18.36 | 18.43 | 18.27 | 0 | 0.0 |
| | 36 | 43 | 18.34 | 18.43 | 18.27 | 0-1 | 0.0 |
| | 75 | 0 | 18.32 | 18.45 | 18.28 | | 0.0 |
| DFT-s-OFDM 16QAM | 1 | 1 | 18.16 | 18.38 | 18.18 | 0-1 | 0.0 |
| CP-OFDM QPSK | 1 | 1 | 18.28 | 18.25 | 18.24 | 0-1.5 | 0.0 |

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Table H-60
NR Band 66 Antenna B Measured P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or
ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 10 MHz Bandwidth

| NR Band n66 10 MHz Bandwidth | | | | | | | |
|---------------------------------|---------|-----------|-----------------------|----------------------|----------------------|---------------------------|----------|
| Modulation | RB Size | RB Offset | Channel | | | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 343000 (1715 MHz) | 349000 (1745 MHz) | 355000 (1775 MHz) | | |
| | | | Conducted Power [dBm] | | | | |
| DFT-s-OFDM QPSK | 1 | 1 | 18.22 | 18.41 | 18.30 | 0 | 0.0 |
| | 1 | 26 | 18.24 | 18.40 | 18.26 | | 0.0 |
| | 1 | 50 | 18.31 | 18.42 | 18.31 | | 0.0 |
| | 25 | 0 | 18.29 | 18.46 | 18.29 | 0-1 | 0.0 |
| | 25 | 14 | 18.30 | 18.49 | 18.33 | 0 | 0.0 |
| | 25 | 27 | 18.34 | 18.49 | 18.32 | 0-1 | 0.0 |
| | 50 | 0 | 18.32 | 18.47 | 18.35 | | 0.0 |
| DFT-s-OFDM 16QAM | 1 | 1 | 18.23 | 18.41 | 18.27 | 0-1 | 0.0 |
| CP-OFDM QPSK | 1 | 1 | 18.03 | 18.26 | 18.11 | 0-1.5 | 0.0 |

Table H-61
NR Band 66 Antenna B Measured P_{Limit} for ECI = 4 (Body-Worn or Phablet) and/or
ECI = 2 (Hotspot) and/or ECI = 3 (Earjack) - 5 MHz Bandwidth

| NR Band n66 5 MHz Bandwidth | | | | | | | |
|--------------------------------|---------|-----------|------------------------|----------------------|------------------------|---------------------------|----------|
| Modulation | RB Size | RB Offset | Channel | | | MPR Allowed per 3GPP [dB] | MPR [dB] |
| | | | 342500 (1712.5 MHz) | 349000 (1745 MHz) | 355500 (1777.5 MHz) | | |
| | | | Conducted Power [dBm] | | | | |
| DFT-s-OFDM QPSK | 1 | 1 | 18.12 | 18.42 | 18.29 | 0 | 0.0 |
| | 1 | 13 | 18.06 | 18.45 | 18.30 | | 0.0 |
| | 1 | 23 | 18.12 | 18.39 | 18.28 | | 0.0 |
| | 12 | 0 | 18.19 | 18.50 | 18.33 | 0-1 | 0.0 |
| | 12 | 7 | 18.26 | 18.49 | 18.33 | 0 | 0.0 |
| | 12 | 13 | 18.21 | 18.47 | 18.35 | 0-1 | 0.0 |
| | 25 | 0 | 18.24 | 18.49 | 18.36 | | 0.0 |
| DFT-s-OFDM 16QAM | 1 | 1 | 18.16 | 18.36 | 18.18 | 0-1 | 0.0 |
| CP-OFDM QPSK | 1 | 1 | 17.93 | 18.23 | 18.08 | 0-1.5 | 0.0 |

| | | |
|-------------------------------|-----------------------|-----------------------------------|
| FCC ID: A3LSMA156E | SAR EVALUATION REPORT | Approved by: Technical Manager |
| DUT Type: Portable Handset | | APPENDIX H: Page 31 of 31 |