

































Appendix E: Conducted Spurious Emission

Test Result (worst case)

| Band | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|--------------|---------|
| Band2 | 1.4MHz | QPSK | 18607 | 1RB#0 | Range1:30~1000MHz | -37.86 | PASS |
| Band2 | 1.4MHz | QPSK | 18607 | 1RB#0 | Range2:1000~20000MHz | -32.73 | PASS |
| Band2 | 1.4MHz | QPSK | 18900 | 1RB#0 | Range1:30~1000MHz | -39.24 | PASS |
| Band2 | 1.4MHz | QPSK | 18900 | 1RB#0 | Range2:1000~20000MHz | -29.91 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 1RB#0 | Range1:30~1000MHz | -38.64 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 1RB#0 | Range2:1000~20000MHz | -26.01 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 1RB#0 | Range1:30~1000MHz | -38.99 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 1RB#0 | Range2:1000~20000MHz | -33.24 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 1RB#0 | Range1:30~1000MHz | -39.31 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 1RB#0 | Range2:1000~20000MHz | -31.72 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#0 | Range1:30~1000MHz | -38.08 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#0 | Range2:1000~20000MHz | -26.61 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 1RB#0 | Range1:30~1000MHz | -38.86 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 1RB#0 | Range2:1000~20000MHz | -35.31 | PASS |
| Band2 | 20MHz | QPSK | 18900 | 1RB#0 | Range1:30~1000MHz | -36.61 | PASS |
| Band2 | 20MHz | QPSK | 18900 | 1RB#0 | Range2:1000~20000MHz | -30.12 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 1RB#0 | Range1:30~1000MHz | -37.27 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 1RB#0 | Range2:1000~20000MHz | -31.34 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#0 | Range1:30~1000MHz | -38.02 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#0 | Range2:1000~20000MHz | -32.94 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#0 | Range1:30~1000MHz | -38.17 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#0 | Range2:1000~20000MHz | -30.56 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#0 | Range1:30~1000MHz | -38.36 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#0 | Range2:1000~20000MHz | -32.23 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 1RB#0 | Range1:30~1000MHz | -38.92 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 1RB#0 | Range2:1000~20000MHz | -37.37 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 1RB#0 | Range1:30~1000MHz | -39.16 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 1RB#0 | Range2:1000~20000MHz | -37.16 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#0 | Range1:30~1000MHz | -38.59 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#0 | Range2:1000~20000MHz | -36.93 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#0 | Range1:30~1000MHz | -37.14 | PASS |

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|-------|--------|-------|-------|-------|----------------------|--------|------|
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#0 | Range2:1000~20000MHz | -36.36 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#0 | Range1:30~1000MHz | -38.86 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#0 | Range2:1000~20000MHz | -37.1 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0 | Range1:30~1000MHz | -38.96 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0 | Range2:1000~20000MHz | -36.98 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 1RB#0 | Range1:30~1000MHz | -39.12 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 1RB#0 | Range2:1000~20000MHz | -38.15 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 1RB#0 | Range1:30~1000MHz | -39.39 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 1RB#0 | Range2:1000~20000MHz | -37.56 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#0 | Range1:30~1000MHz | -38.58 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#0 | Range2:1000~20000MHz | -38.27 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0 | Range1:30~1000MHz | -38.87 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0 | Range2:1000~20000MHz | -37.56 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0 | Range1:30~1000MHz | -38.69 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0 | Range2:1000~20000MHz | -37.84 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0 | Range1:30~1000MHz | -38.85 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0 | Range2:1000~20000MHz | -37.82 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#0 | Range1:30~1000MHz | -48.16 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#0 | Range2:1000~27000MHz | -43.99 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#0 | Range1:30~1000MHz | -47.82 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#0 | Range2:1000~27000MHz | -44.22 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#0 | Range1:30~1000MHz | -46.88 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#0 | Range2:1000~27000MHz | -44.06 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#0 | Range1:30~1000MHz | -48.28 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#0 | Range2:1000~27000MHz | -43.53 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#0 | Range1:30~1000MHz | -48.77 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#0 | Range2:1000~27000MHz | -43.38 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#0 | Range1:30~1000MHz | -46.2 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#0 | Range2:1000~27000MHz | -44.68 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#0 | Range1:30~1000MHz | -49.11 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#0 | Range2:1000~27000MHz | -44.11 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#0 | Range1:30~1000MHz | -48.01 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#0 | Range2:1000~27000MHz | -44.28 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#0 | Range1:30~1000MHz | -48.93 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#0 | Range2:1000~27000MHz | -44.39 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | Range1:30~1000MHz | -48.12 | PASS |

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|--------|--------|-------|-------|-------|----------------------|--------|------|
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | Range2:1000~27000MHz | -44.11 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | Range1:30~1000MHz | -49.01 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | Range2:1000~27000MHz | -44.8 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | Range1:30~1000MHz | -48.76 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | Range2:1000~27000MHz | -43.87 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 1RB#0 | Range1:30~1000MHz | -48.65 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 1RB#0 | Range2:1000~10000MHz | -30.71 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 1RB#0 | Range1:30~1000MHz | -47.48 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 1RB#0 | Range2:1000~10000MHz | -29.74 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 1RB#0 | Range1:30~1000MHz | -48.34 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 1RB#0 | Range2:1000~10000MHz | -33.95 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#0 | Range1:30~1000MHz | -47.9 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#0 | Range2:1000~10000MHz | -32.36 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#0 | Range1:30~1000MHz | -48.2 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#0 | Range2:1000~10000MHz | -31.87 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#0 | Range1:30~1000MHz | -48.59 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#0 | Range2:1000~10000MHz | -34.02 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 1RB#0 | Range1:30~1000MHz | -47.26 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 1RB#0 | Range2:1000~10000MHz | -35.4 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 1RB#0 | Range1:30~1000MHz | -48.8 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 1RB#0 | Range2:1000~10000MHz | -34.85 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 1RB#0 | Range1:30~1000MHz | -47.86 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 1RB#0 | Range2:1000~10000MHz | -32.57 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0 | Range1:30~1000MHz | -47.54 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0 | Range2:1000~10000MHz | -35.77 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0 | Range1:30~1000MHz | -48.06 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0 | Range2:1000~10000MHz | -36.28 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0 | Range1:30~1000MHz | -48.38 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0 | Range2:1000~10000MHz | -28.73 | PASS |
| Band17 | 5MHz | QPSK | 23755 | 1RB#0 | Range1:30~1000MHz | -47.95 | PASS |
| Band17 | 5MHz | QPSK | 23755 | 1RB#0 | Range2:1000~10000MHz | -35.79 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 1RB#0 | Range1:30~1000MHz | -47.89 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 1RB#0 | Range2:1000~10000MHz | -28.22 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 1RB#0 | Range1:30~1000MHz | -47.63 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 1RB#0 | Range2:1000~10000MHz | -36.33 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 1RB#0 | Range1:30~1000MHz | -47 | PASS |

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|--------|--------|-------|--------|-------|----------------------|--------|------|
| Band17 | 5MHz | 16QAM | 23755 | 1RB#0 | Range2:1000~10000MHz | -35.5 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 1RB#0 | Range1:30~1000MHz | -47.1 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 1RB#0 | Range2:1000~10000MHz | -33.12 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 1RB#0 | Range1:30~1000MHz | -47.7 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 1RB#0 | Range2:1000~10000MHz | -36.74 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 1RB#0 | Range1:30~1000MHz | -48.32 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 1RB#0 | Range2:1000~10000MHz | -34.65 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 1RB#0 | Range1:30~1000MHz | -47.83 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 1RB#0 | Range2:1000~10000MHz | -36.95 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 1RB#0 | Range1:30~1000MHz | -48.44 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 1RB#0 | Range2:1000~10000MHz | -32.03 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#0 | Range1:30~1000MHz | -47.79 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#0 | Range2:1000~10000MHz | -35.18 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#0 | Range1:30~1000MHz | -47.68 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#0 | Range2:1000~10000MHz | -34.66 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 1RB#0 | Range1:30~1000MHz | -48.44 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 1RB#0 | Range2:1000~10000MHz | -34.36 | PASS |
| Band66 | 1.4MHz | QPSK | 131979 | 1RB#0 | Range1:30~1000MHz | -37.21 | PASS |
| Band66 | 1.4MHz | QPSK | 131979 | 1RB#0 | Range2:1000~20000MHz | -37.02 | PASS |
| Band66 | 1.4MHz | QPSK | 132322 | 1RB#0 | Range1:30~1000MHz | -39.31 | PASS |
| Band66 | 1.4MHz | QPSK | 132322 | 1RB#0 | Range2:1000~20000MHz | -36.69 | PASS |
| Band66 | 1.4MHz | QPSK | 132665 | 1RB#0 | Range1:30~1000MHz | -37.59 | PASS |
| Band66 | 1.4MHz | QPSK | 132665 | 1RB#0 | Range2:1000~20000MHz | -36.14 | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 1RB#0 | Range1:30~1000MHz | -38.76 | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 1RB#0 | Range2:1000~20000MHz | -37.87 | PASS |
| Band66 | 1.4MHz | 16QAM | 132322 | 1RB#0 | Range1:30~1000MHz | -38.12 | PASS |
| Band66 | 1.4MHz | 16QAM | 132322 | 1RB#0 | Range2:1000~20000MHz | -37.49 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 1RB#0 | Range1:30~1000MHz | -37.81 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 1RB#0 | Range2:1000~20000MHz | -37.21 | PASS |
| Band66 | 20MHz | QPSK | 132072 | 1RB#0 | Range1:30~1000MHz | -38.84 | PASS |
| Band66 | 20MHz | QPSK | 132072 | 1RB#0 | Range2:1000~20000MHz | -36.52 | PASS |
| Band66 | 20MHz | QPSK | 132322 | 1RB#0 | Range1:30~1000MHz | -38.26 | PASS |
| Band66 | 20MHz | QPSK | 132322 | 1RB#0 | Range2:1000~20000MHz | -37.24 | PASS |
| Band66 | 20MHz | QPSK | 132572 | 1RB#0 | Range1:30~1000MHz | -38.37 | PASS |
| Band66 | 20MHz | QPSK | 132572 | 1RB#0 | Range2:1000~20000MHz | -36.55 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 1RB#0 | Range1:30~1000MHz | -38.55 | PASS |

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|--------|-------|-------|--------|-------|----------------------|--------|------|
| Band66 | 20MHz | 16QAM | 132072 | 1RB#0 | Range2:1000~20000MHz | -37.37 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 1RB#0 | Range1:30~1000MHz | -37.93 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 1RB#0 | Range2:1000~20000MHz | -37.4 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 1RB#0 | Range1:30~1000MHz | -37.98 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 1RB#0 | Range2:1000~20000MHz | -37.13 | PASS |

Test Graphs



