

**Test Data for E-UTRA Band 4**

|                                                                             |
|-----------------------------------------------------------------------------|
| <b>EUT:</b> <u>Tablet PC</u> <b>Test Model:</b> <u>WO1</u>                  |
| <b>Ambient Condition:</b> <u>25 °C</u> , <u>45 %RH</u> , <u>101.325 kPa</u> |
| <b>Test Engineer:</b> <u>Jack Zhou</u>                                      |

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## Appendix A: Effective (Isotropic) Radiated Power Output Data

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | EIRP(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|-----------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 21.18                | 22.20     | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 20.80                | 21.82     | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#2            | 21.30                | 22.32     | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#2            | 20.87                | 21.89     | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#5            | 21.35                | 22.37     | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#5            | 20.95                | 21.97     | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#0            | 21.32                | 22.34     | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#0            | 20.91                | 21.93     | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#1            | 21.32                | 22.34     | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#1            | 20.94                | 21.96     | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#3            | 21.38                | 22.40     | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#3            | 20.97                | 21.99     | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 21.06                | 22.08     | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 20.69                | 21.71     | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 22.01                | 23.03     | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | 21.47                | 22.49     | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#2            | 22.01                | 23.03     | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#2            | 21.51                | 22.53     | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#5            | 22.01                | 23.03     | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#5            | 21.48                | 22.50     | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#0            | 22.02                | 23.04     | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 3RB#0            | 21.49                | 22.51     | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#1            | 22.02                | 23.04     | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 3RB#1            | 21.48                | 22.50     | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#3            | 22.02                | 23.04     | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 3RB#3            | 21.48                | 22.50     | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 21.65                | 22.67     | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 21.19                | 22.21     | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 21.72                | 22.74     | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | 21.13                | 22.15     | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#2            | 21.67                | 22.69     | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#2            | 21.13                | 22.15     | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#5            | 21.66                | 22.68     | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#5            | 21.10                | 22.12     | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#0            | 21.71                | 22.73     | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 3RB#0            | 21.20                | 22.22     | PASS    |

|       |        |       |       |        |       |       |      |
|-------|--------|-------|-------|--------|-------|-------|------|
| Band4 | 1.4MHz | QPSK  | 20393 | 3RB#1  | 21.71 | 22.73 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#1  | 21.19 | 22.21 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 3RB#3  | 21.67 | 22.69 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#3  | 21.16 | 22.18 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0  | 21.32 | 22.34 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | 20.77 | 21.79 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#0  | 21.43 | 22.45 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#0  | 21.01 | 22.03 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#8  | 21.63 | 22.65 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#8  | 21.19 | 22.21 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#14 | 21.71 | 22.73 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#14 | 21.25 | 22.27 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#0  | 21.17 | 22.19 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 8RB#0  | 20.81 | 21.83 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#4  | 21.14 | 22.16 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 8RB#4  | 20.83 | 21.85 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#7  | 21.32 | 22.34 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 8RB#7  | 20.95 | 21.97 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | 21.26 | 22.28 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0 | 20.87 | 21.89 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#0  | 22.05 | 23.07 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 1RB#0  | 21.64 | 22.66 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#8  | 22.08 | 23.10 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 1RB#8  | 21.64 | 22.66 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#14 | 22.05 | 23.07 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 1RB#14 | 21.62 | 22.64 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#0  | 21.68 | 22.70 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 8RB#0  | 21.25 | 22.27 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#4  | 21.68 | 22.70 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 8RB#4  | 21.26 | 22.28 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#7  | 21.68 | 22.70 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 8RB#7  | 21.26 | 22.28 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | 21.69 | 22.71 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 15RB#0 | 21.25 | 22.27 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#0  | 21.83 | 22.85 | PASS |
| Band4 | 3MHz   | 16QAM | 20385 | 1RB#0  | 21.24 | 22.26 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#8  | 21.77 | 22.79 | PASS |
| Band4 | 3MHz   | 16QAM | 20385 | 1RB#8  | 21.19 | 22.21 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#14 | 21.69 | 22.71 | PASS |
| Band4 | 3MHz   | 16QAM | 20385 | 1RB#14 | 21.11 | 22.13 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#0  | 21.39 | 22.41 | PASS |
| Band4 | 3MHz   | 16QAM | 20385 | 8RB#0  | 20.94 | 21.96 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#4  | 21.39 | 22.41 | PASS |

|       |      |       |       |         |       |       |      |
|-------|------|-------|-------|---------|-------|-------|------|
| Band4 | 3MHz | 16QAM | 20385 | 8RB#4   | 20.94 | 21.96 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 8RB#7   | 21.38 | 22.40 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#7   | 20.93 | 21.95 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0  | 21.41 | 22.43 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0  | 20.89 | 21.91 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#0   | 21.55 | 22.57 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#0   | 21.23 | 22.25 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#12  | 21.74 | 22.76 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#12  | 21.41 | 22.43 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#24  | 21.98 | 23.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#24  | 21.65 | 22.67 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#0  | 21.24 | 22.26 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#0  | 20.95 | 21.97 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#6  | 21.25 | 22.27 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#6  | 20.95 | 21.97 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#13 | 21.49 | 22.51 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#13 | 21.15 | 22.17 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0  | 21.36 | 22.38 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0  | 20.99 | 22.01 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#0   | 22.24 | 23.26 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#0   | 21.78 | 22.80 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#12  | 22.15 | 23.17 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#12  | 21.65 | 22.67 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#24  | 22.20 | 23.22 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#24  | 21.76 | 22.78 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#0  | 21.71 | 22.73 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#0  | 21.28 | 22.30 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#6  | 21.71 | 22.73 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#6  | 21.28 | 22.30 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#13 | 21.71 | 22.73 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#13 | 21.27 | 22.29 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0  | 21.71 | 22.73 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0  | 21.29 | 22.31 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#0   | 21.96 | 22.98 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#0   | 21.55 | 22.57 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#12  | 21.83 | 22.85 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#12  | 21.41 | 22.43 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#24  | 21.76 | 22.78 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#24  | 21.37 | 22.39 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#0  | 21.47 | 22.49 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#0  | 21.07 | 22.09 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#6  | 21.48 | 22.50 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#6  | 21.07 | 22.09 | PASS |

|       |       |       |       |         |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|------|
| Band4 | 5MHz  | QPSK  | 20375 | 12RB#13 | 21.44 | 22.46 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#13 | 20.99 | 22.01 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0  | 21.44 | 22.46 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0  | 21.01 | 22.03 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0   | 21.74 | 22.76 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | 21.35 | 22.37 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#24  | 22.01 | 23.03 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#24  | 21.54 | 22.56 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#49  | 22.27 | 23.29 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49  | 21.77 | 22.79 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#0  | 21.46 | 22.48 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#0  | 21.09 | 22.11 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#12 | 21.46 | 22.48 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#12 | 21.10 | 22.12 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#25 | 21.68 | 22.70 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#25 | 21.30 | 22.32 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | 21.57 | 22.59 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 22.35 | 23.37 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0   | 22.41 | 23.43 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0   | 21.84 | 22.86 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#24  | 22.22 | 23.24 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#24  | 21.61 | 22.63 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#49  | 22.32 | 23.34 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#49  | 21.79 | 22.81 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#0  | 21.72 | 22.74 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#0  | 21.32 | 22.34 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#12 | 21.74 | 22.76 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#12 | 21.32 | 22.34 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#25 | 21.72 | 22.74 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#25 | 21.28 | 22.30 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | 21.71 | 22.73 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 22.45 | 23.47 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | 22.14 | 23.16 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | 21.59 | 22.61 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#24  | 21.92 | 22.94 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#24  | 21.31 | 22.33 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#49  | 21.98 | 23.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49  | 21.40 | 22.42 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#0  | 21.47 | 22.49 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#0  | 21.04 | 22.06 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#12 | 21.49 | 22.51 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#12 | 21.05 | 22.07 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#25 | 21.46 | 22.48 | PASS |

|       |       |       |       |         |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|------|
| Band4 | 10MHz | 16QAM | 20350 | 25RB#25 | 20.97 | 21.99 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | 21.42 | 22.44 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 21.32 | 22.34 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | 21.53 | 22.55 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | 20.99 | 22.01 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#38  | 22.06 | 23.08 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#38  | 21.49 | 22.51 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#74  | 22.15 | 23.17 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74  | 21.56 | 22.58 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#0  | 21.04 | 22.06 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#0  | 21.04 | 22.06 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#18 | 21.54 | 22.56 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#18 | 21.53 | 22.55 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#37 | 21.58 | 22.60 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#37 | 21.58 | 22.60 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 21.52 | 22.54 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 21.56 | 22.58 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0   | 22.14 | 23.16 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 21.69 | 22.71 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#38  | 22.10 | 23.12 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#38  | 21.66 | 22.68 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#74  | 22.02 | 23.04 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#74  | 21.63 | 22.65 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#0  | 21.74 | 22.76 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#0  | 21.73 | 22.75 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#18 | 21.69 | 22.71 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#18 | 21.68 | 22.70 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#37 | 21.63 | 22.65 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#37 | 21.64 | 22.66 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 21.65 | 22.67 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 22.22 | 23.24 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | 22.00 | 23.02 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 21.56 | 22.58 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#38  | 21.88 | 22.90 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#38  | 21.42 | 22.44 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#74  | 21.70 | 22.72 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74  | 21.31 | 22.33 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#0  | 21.56 | 22.58 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#0  | 21.55 | 22.57 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#18 | 21.43 | 22.45 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#18 | 21.43 | 22.45 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#37 | 21.30 | 22.32 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#37 | 21.32 | 22.34 | PASS |

|       |       |       |       |         |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|------|
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 21.40 | 22.42 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 21.89 | 22.91 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 22.81 | 23.83 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 21.74 | 22.76 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#49  | 22.93 | 23.95 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#49  | 21.97 | 22.99 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#99  | 22.61 | 23.63 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99  | 21.53 | 22.55 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#0  | 21.93 | 22.95 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#0  | 20.92 | 21.94 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#25 | 21.95 | 22.97 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#25 | 20.93 | 21.95 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#50 | 21.83 | 22.85 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#50 | 20.81 | 21.83 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 21.92 | 22.94 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 20.88 | 21.90 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 22.69 | 23.71 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 21.81 | 22.83 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#49  | 22.93 | 23.95 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#49  | 22.18 | 23.20 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#99  | 22.70 | 23.72 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#99  | 21.85 | 22.87 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#0  | 21.78 | 22.80 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#0  | 20.84 | 21.86 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#25 | 21.78 | 22.80 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#25 | 20.78 | 21.80 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#50 | 21.79 | 22.81 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#50 | 20.80 | 21.82 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 21.83 | 22.85 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 20.78 | 21.80 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 22.62 | 23.64 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 21.47 | 22.49 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#49  | 22.97 | 23.99 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#49  | 21.82 | 22.84 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#99  | 22.68 | 23.70 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99  | 21.56 | 22.58 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#0  | 21.93 | 22.95 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#0  | 20.95 | 21.97 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#25 | 21.93 | 22.95 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#25 | 20.93 | 21.95 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#50 | 21.99 | 23.01 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#50 | 21.02 | 22.04 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 21.98 | 23.00 | PASS |

|       |       |       |       |         |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|------|
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 20.98 | 22.00 | PASS |
|-------|-------|-------|-------|---------|-------|-------|------|

## Appendix B: Peak-to-Average Ratio(CCDF)

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 5.02       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 6.04       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 5.38       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 6.12       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 5.23       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | 5.90       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 5.27       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 6.05       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 5.11       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | 6.13       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 5.36       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 6.09       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#0            | 5.13       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#0            | 6.06       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 5.47       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | 6.23       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 1RB#0            | 5.30       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 1RB#0            | 5.87       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 6.74       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0           | 6.64       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 1RB#0            | 5.30       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 1RB#0            | 6.11       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | 5.30       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | 6.03       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#0            | 5.90       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 1RB#0            | 5.80       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | 5.63       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | 6.24       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 1RB#0            | 5.38       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 1RB#0            | 5.95       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 25RB#0           | 5.58       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 25RB#0           | 6.11       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#0            | 5.44       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 1RB#0            | 5.77       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | 5.58       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 25RB#0           | 6.18       | 13        | PASS    |

|       |       |       |       |         |      |    |      |
|-------|-------|-------|-------|---------|------|----|------|
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0   | 5.22 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | 6.08 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | 5.63 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 6.30 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0   | 5.33 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0   | 6.21 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | 6.97 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 6.80 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | 5.32 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | 6.23 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | 5.60 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 6.24 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | 5.30 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | 6.17 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 5.47 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 6.18 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0   | 5.37 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 7.44 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 6.34 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 6.40 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | 5.25 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 6.15 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 5.44 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 6.14 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 6.70 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 6.70 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 5.71 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 6.33 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 5.28 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 5.81 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 5.59 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 6.29 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 5.17 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 5.69 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 5.58 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 6.28 | 13 | PASS |

## Test Graphs



































