

|        |       |       |       |         |              |      |
|--------|-------|-------|-------|---------|--------------|------|
| Band14 | 5MHz  | 16QAM | 23355 | 1RB#0   | 23.53        | PASS |
| Band14 | 5MHz  | 16QAM | 23355 | 1RB#12  | 23.33        | PASS |
| Band14 | 5MHz  | 16QAM | 23355 | 1RB#24  | 23.60        | PASS |
| Band14 | 5MHz  | 16QAM | 23355 | 12RB#0  | 22.37        | PASS |
| Band14 | 5MHz  | 16QAM | 23355 | 12RB#6  | 22.27        | PASS |
| Band14 | 5MHz  | 16QAM | 23355 | 12RB#13 | 22.31        | PASS |
| Band14 | 5MHz  | 16QAM | 23355 | 25RB#0  | 22.26        | PASS |
| Band14 | 10MHz | QPSK  | 23330 | 1RB#0   | <b>24.38</b> | PASS |
| Band14 | 10MHz | QPSK  | 23330 | 1RB#24  | 24.32        | PASS |
| Band14 | 10MHz | QPSK  | 23330 | 1RB#49  | 24.31        | PASS |
| Band14 | 10MHz | QPSK  | 23330 | 25RB#0  | 23.55        | PASS |
| Band14 | 10MHz | QPSK  | 23330 | 25RB#12 | 23.55        | PASS |
| Band14 | 10MHz | QPSK  | 23330 | 25RB#25 | 23.51        | PASS |
| Band14 | 10MHz | QPSK  | 23330 | 50RB#0  | 23.76        | PASS |
| Band14 | 10MHz | 16QAM | 23330 | 1RB#0   | 23.61        | PASS |
| Band14 | 10MHz | 16QAM | 23330 | 1RB#24  | 23.71        | PASS |
| Band14 | 10MHz | 16QAM | 23330 | 1RB#49  | 23.51        | PASS |
| Band14 | 10MHz | 16QAM | 23330 | 25RB#0  | 22.52        | PASS |
| Band14 | 10MHz | 16QAM | 23330 | 25RB#12 | 22.51        | PASS |
| Band14 | 10MHz | 16QAM | 23330 | 25RB#25 | 22.38        | PASS |
| Band14 | 10MHz | 16QAM | 23330 | 50RB#0  | 22.35        | PASS |

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band66 | 1.4MHz    | QPSK       | 131979  | 1RB#0            | 24.00       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 131979  | 1RB#2            | 24.16       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 131979  | 1RB#5            | 24.05       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 131979  | 3RB#0            | 24.10       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 131979  | 3RB#1            | 24.17       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 131979  | 3RB#3            | 24.09       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 131979  | 6RB#0            | 23.19       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 1RB#0            | 24.42       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 1RB#2            | 24.50       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 1RB#5            | 24.31       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 3RB#0            | 24.50       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 3RB#1            | 24.50       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 3RB#3            | 24.42       | PASS    |

|        |        |       |        |        |       |      |
|--------|--------|-------|--------|--------|-------|------|
| Band66 | 1.4MHz | QPSK  | 132322 | 6RB#0  | 23.43 | PASS |
| Band66 | 1.4MHz | QPSK  | 132665 | 1RB#0  | 24.29 | PASS |
| Band66 | 1.4MHz | QPSK  | 132665 | 1RB#2  | 24.34 | PASS |
| Band66 | 1.4MHz | QPSK  | 132665 | 1RB#5  | 24.22 | PASS |
| Band66 | 1.4MHz | QPSK  | 132665 | 3RB#0  | 24.45 | PASS |
| Band66 | 1.4MHz | QPSK  | 132665 | 3RB#1  | 24.32 | PASS |
| Band66 | 1.4MHz | QPSK  | 132665 | 3RB#3  | 24.27 | PASS |
| Band66 | 1.4MHz | QPSK  | 132665 | 6RB#0  | 23.45 | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 1RB#0  | 23.10 | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 1RB#2  | 23.38 | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 1RB#5  | 23.15 | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 3RB#0  | 22.95 | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 3RB#1  | 23.04 | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 3RB#3  | 22.97 | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 6RB#0  | 22.43 | PASS |
| Band66 | 1.4MHz | 16QAM | 132322 | 1RB#0  | 23.63 | PASS |
| Band66 | 1.4MHz | 16QAM | 132322 | 1RB#2  | 23.73 | PASS |
| Band66 | 1.4MHz | 16QAM | 132322 | 1RB#5  | 23.33 | PASS |
| Band66 | 1.4MHz | 16QAM | 132322 | 3RB#0  | 23.33 | PASS |
| Band66 | 1.4MHz | 16QAM | 132322 | 3RB#1  | 23.33 | PASS |
| Band66 | 1.4MHz | 16QAM | 132322 | 3RB#3  | 22.97 | PASS |
| Band66 | 1.4MHz | 16QAM | 132322 | 6RB#0  | 22.59 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 1RB#0  | 23.45 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 1RB#2  | 23.57 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 1RB#5  | 23.24 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 3RB#0  | 23.23 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 3RB#1  | 23.23 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 3RB#3  | 23.22 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 6RB#0  | 22.64 | PASS |
| Band66 | 3MHz   | QPSK  | 131987 | 1RB#0  | 23.91 | PASS |
| Band66 | 3MHz   | QPSK  | 131987 | 1RB#8  | 24.01 | PASS |
| Band66 | 3MHz   | QPSK  | 131987 | 1RB#14 | 23.92 | PASS |
| Band66 | 3MHz   | QPSK  | 131987 | 8RB#0  | 23.09 | PASS |
| Band66 | 3MHz   | QPSK  | 131987 | 8RB#4  | 23.09 | PASS |
| Band66 | 3MHz   | QPSK  | 131987 | 8RB#7  | 23.06 | PASS |
| Band66 | 3MHz   | QPSK  | 131987 | 15RB#0 | 23.11 | PASS |
| Band66 | 3MHz   | QPSK  | 132322 | 1RB#0  | 24.28 | PASS |

|        |      |       |        |        |       |      |
|--------|------|-------|--------|--------|-------|------|
| Band66 | 3MHz | QPSK  | 132322 | 1RB#8  | 24.27 | PASS |
| Band66 | 3MHz | QPSK  | 132322 | 1RB#14 | 24.25 | PASS |
| Band66 | 3MHz | QPSK  | 132322 | 8RB#0  | 23.38 | PASS |
| Band66 | 3MHz | QPSK  | 132322 | 8RB#4  | 23.38 | PASS |
| Band66 | 3MHz | QPSK  | 132322 | 8RB#7  | 23.30 | PASS |
| Band66 | 3MHz | QPSK  | 132322 | 15RB#0 | 23.44 | PASS |
| Band66 | 3MHz | QPSK  | 132657 | 1RB#0  | 24.06 | PASS |
| Band66 | 3MHz | QPSK  | 132657 | 1RB#8  | 23.94 | PASS |
| Band66 | 3MHz | QPSK  | 132657 | 1RB#14 | 24.16 | PASS |
| Band66 | 3MHz | QPSK  | 132657 | 8RB#0  | 23.29 | PASS |
| Band66 | 3MHz | QPSK  | 132657 | 8RB#4  | 23.25 | PASS |
| Band66 | 3MHz | QPSK  | 132657 | 8RB#7  | 23.26 | PASS |
| Band66 | 3MHz | QPSK  | 132657 | 15RB#0 | 23.35 | PASS |
| Band66 | 3MHz | 16QAM | 131987 | 1RB#0  | 23.04 | PASS |
| Band66 | 3MHz | 16QAM | 131987 | 1RB#8  | 23.06 | PASS |
| Band66 | 3MHz | 16QAM | 131987 | 1RB#14 | 22.87 | PASS |
| Band66 | 3MHz | 16QAM | 131987 | 8RB#0  | 22.26 | PASS |
| Band66 | 3MHz | 16QAM | 131987 | 8RB#4  | 22.09 | PASS |
| Band66 | 3MHz | 16QAM | 131987 | 8RB#7  | 22.16 | PASS |
| Band66 | 3MHz | 16QAM | 131987 | 15RB#0 | 22.22 | PASS |
| Band66 | 3MHz | 16QAM | 132322 | 1RB#0  | 23.37 | PASS |
| Band66 | 3MHz | 16QAM | 132322 | 1RB#8  | 23.29 | PASS |
| Band66 | 3MHz | 16QAM | 132322 | 1RB#14 | 23.22 | PASS |
| Band66 | 3MHz | 16QAM | 132322 | 8RB#0  | 22.58 | PASS |
| Band66 | 3MHz | 16QAM | 132322 | 8RB#4  | 22.48 | PASS |
| Band66 | 3MHz | 16QAM | 132322 | 8RB#7  | 22.45 | PASS |
| Band66 | 3MHz | 16QAM | 132322 | 15RB#0 | 22.46 | PASS |
| Band66 | 3MHz | 16QAM | 132657 | 1RB#0  | 23.09 | PASS |
| Band66 | 3MHz | 16QAM | 132657 | 1RB#8  | 23.12 | PASS |
| Band66 | 3MHz | 16QAM | 132657 | 1RB#14 | 23.35 | PASS |
| Band66 | 3MHz | 16QAM | 132657 | 8RB#0  | 22.39 | PASS |
| Band66 | 3MHz | 16QAM | 132657 | 8RB#4  | 22.43 | PASS |
| Band66 | 3MHz | 16QAM | 132657 | 8RB#7  | 22.42 | PASS |
| Band66 | 3MHz | 16QAM | 132657 | 15RB#0 | 22.38 | PASS |
| Band66 | 5MHz | QPSK  | 131997 | 1RB#0  | 24.01 | PASS |
| Band66 | 5MHz | QPSK  | 131997 | 1RB#12 | 23.82 | PASS |
| Band66 | 5MHz | QPSK  | 131997 | 1RB#24 | 23.73 | PASS |

|        |      |       |        |         |       |      |
|--------|------|-------|--------|---------|-------|------|
| Band66 | 5MHz | QPSK  | 131997 | 12RB#0  | 22.97 | PASS |
| Band66 | 5MHz | QPSK  | 131997 | 12RB#6  | 23.04 | PASS |
| Band66 | 5MHz | QPSK  | 131997 | 12RB#13 | 22.94 | PASS |
| Band66 | 5MHz | QPSK  | 131997 | 25RB#0  | 22.93 | PASS |
| Band66 | 5MHz | QPSK  | 132322 | 1RB#0   | 24.16 | PASS |
| Band66 | 5MHz | QPSK  | 132322 | 1RB#12  | 24.14 | PASS |
| Band66 | 5MHz | QPSK  | 132322 | 1RB#24  | 24.03 | PASS |
| Band66 | 5MHz | QPSK  | 132322 | 12RB#0  | 23.16 | PASS |
| Band66 | 5MHz | QPSK  | 132322 | 12RB#6  | 23.15 | PASS |
| Band66 | 5MHz | QPSK  | 132322 | 12RB#13 | 23.13 | PASS |
| Band66 | 5MHz | QPSK  | 132322 | 25RB#0  | 23.16 | PASS |
| Band66 | 5MHz | QPSK  | 132647 | 1RB#0   | 23.90 | PASS |
| Band66 | 5MHz | QPSK  | 132647 | 1RB#12  | 24.01 | PASS |
| Band66 | 5MHz | QPSK  | 132647 | 1RB#24  | 23.94 | PASS |
| Band66 | 5MHz | QPSK  | 132647 | 12RB#0  | 23.00 | PASS |
| Band66 | 5MHz | QPSK  | 132647 | 12RB#6  | 22.99 | PASS |
| Band66 | 5MHz | QPSK  | 132647 | 12RB#13 | 23.13 | PASS |
| Band66 | 5MHz | QPSK  | 132647 | 25RB#0  | 22.97 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 1RB#0   | 23.02 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 1RB#12  | 22.91 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 1RB#24  | 22.49 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 12RB#0  | 22.01 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 12RB#6  | 22.00 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 12RB#13 | 21.98 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 25RB#0  | 21.86 | PASS |
| Band66 | 5MHz | 16QAM | 132322 | 1RB#0   | 23.23 | PASS |
| Band66 | 5MHz | 16QAM | 132322 | 1RB#12  | 23.03 | PASS |
| Band66 | 5MHz | 16QAM | 132322 | 1RB#24  | 22.72 | PASS |
| Band66 | 5MHz | 16QAM | 132322 | 12RB#0  | 22.21 | PASS |
| Band66 | 5MHz | 16QAM | 132322 | 12RB#6  | 22.10 | PASS |
| Band66 | 5MHz | 16QAM | 132322 | 12RB#13 | 22.01 | PASS |
| Band66 | 5MHz | 16QAM | 132322 | 25RB#0  | 22.23 | PASS |
| Band66 | 5MHz | 16QAM | 132647 | 1RB#0   | 23.02 | PASS |
| Band66 | 5MHz | 16QAM | 132647 | 1RB#12  | 23.02 | PASS |
| Band66 | 5MHz | 16QAM | 132647 | 1RB#24  | 23.13 | PASS |
| Band66 | 5MHz | 16QAM | 132647 | 12RB#0  | 21.92 | PASS |
| Band66 | 5MHz | 16QAM | 132647 | 12RB#6  | 22.06 | PASS |

|        |       |       |        |         |       |      |
|--------|-------|-------|--------|---------|-------|------|
| Band66 | 5MHz  | 16QAM | 132647 | 12RB#13 | 22.32 | PASS |
| Band66 | 5MHz  | 16QAM | 132647 | 25RB#0  | 22.08 | PASS |
| Band66 | 10MHz | QPSK  | 132022 | 1RB#0   | 23.84 | PASS |
| Band66 | 10MHz | QPSK  | 132022 | 1RB#24  | 23.95 | PASS |
| Band66 | 10MHz | QPSK  | 132022 | 1RB#49  | 23.73 | PASS |
| Band66 | 10MHz | QPSK  | 132022 | 25RB#0  | 23.12 | PASS |
| Band66 | 10MHz | QPSK  | 132022 | 25RB#12 | 23.17 | PASS |
| Band66 | 10MHz | QPSK  | 132022 | 25RB#25 | 23.06 | PASS |
| Band66 | 10MHz | QPSK  | 132022 | 50RB#0  | 23.08 | PASS |
| Band66 | 10MHz | QPSK  | 132322 | 1RB#0   | 24.20 | PASS |
| Band66 | 10MHz | QPSK  | 132322 | 1RB#24  | 24.45 | PASS |
| Band66 | 10MHz | QPSK  | 132322 | 1RB#49  | 24.07 | PASS |
| Band66 | 10MHz | QPSK  | 132322 | 25RB#0  | 23.56 | PASS |
| Band66 | 10MHz | QPSK  | 132322 | 25RB#12 | 23.63 | PASS |
| Band66 | 10MHz | QPSK  | 132322 | 25RB#25 | 23.38 | PASS |
| Band66 | 10MHz | QPSK  | 132322 | 50RB#0  | 23.43 | PASS |
| Band66 | 10MHz | QPSK  | 132622 | 1RB#0   | 24.00 | PASS |
| Band66 | 10MHz | QPSK  | 132622 | 1RB#24  | 24.09 | PASS |
| Band66 | 10MHz | QPSK  | 132622 | 1RB#49  | 23.95 | PASS |
| Band66 | 10MHz | QPSK  | 132622 | 25RB#0  | 23.31 | PASS |
| Band66 | 10MHz | QPSK  | 132622 | 25RB#12 | 23.30 | PASS |
| Band66 | 10MHz | QPSK  | 132622 | 25RB#25 | 23.23 | PASS |
| Band66 | 10MHz | QPSK  | 132622 | 50RB#0  | 23.29 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 1RB#0   | 22.95 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 1RB#24  | 23.58 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 1RB#49  | 22.93 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 25RB#0  | 22.24 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 25RB#12 | 22.23 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 25RB#25 | 22.20 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 50RB#0  | 22.23 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 1RB#0   | 23.38 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 1RB#24  | 23.84 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 1RB#49  | 23.28 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 25RB#0  | 22.61 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 25RB#12 | 22.68 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 25RB#25 | 22.44 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 50RB#0  | 22.44 | PASS |

|        |       |       |        |         |       |      |
|--------|-------|-------|--------|---------|-------|------|
| Band66 | 10MHz | 16QAM | 132622 | 1RB#0   | 23.14 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 1RB#24  | 23.70 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 1RB#49  | 23.21 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 25RB#0  | 22.37 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 25RB#12 | 22.36 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 25RB#25 | 22.30 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 50RB#0  | 22.30 | PASS |
| Band66 | 15MHz | QPSK  | 132047 | 1RB#0   | 23.82 | PASS |
| Band66 | 15MHz | QPSK  | 132047 | 1RB#38  | 23.95 | PASS |
| Band66 | 15MHz | QPSK  | 132047 | 1RB#74  | 23.77 | PASS |
| Band66 | 15MHz | QPSK  | 132047 | 38RB#0  | 23.04 | PASS |
| Band66 | 15MHz | QPSK  | 132047 | 38RB#18 | 23.51 | PASS |
| Band66 | 15MHz | QPSK  | 132047 | 38RB#37 | 22.93 | PASS |
| Band66 | 15MHz | QPSK  | 132047 | 75RB#0  | 23.17 | PASS |
| Band66 | 15MHz | QPSK  | 132322 | 1RB#0   | 24.18 | PASS |
| Band66 | 15MHz | QPSK  | 132322 | 1RB#38  | 24.30 | PASS |
| Band66 | 15MHz | QPSK  | 132322 | 1RB#74  | 24.22 | PASS |
| Band66 | 15MHz | QPSK  | 132322 | 38RB#0  | 23.31 | PASS |
| Band66 | 15MHz | QPSK  | 132322 | 38RB#18 | 23.82 | PASS |
| Band66 | 15MHz | QPSK  | 132322 | 38RB#37 | 23.33 | PASS |
| Band66 | 15MHz | QPSK  | 132322 | 75RB#0  | 23.46 | PASS |
| Band66 | 15MHz | QPSK  | 132597 | 1RB#0   | 23.98 | PASS |
| Band66 | 15MHz | QPSK  | 132597 | 1RB#38  | 24.22 | PASS |
| Band66 | 15MHz | QPSK  | 132597 | 1RB#74  | 24.04 | PASS |
| Band66 | 15MHz | QPSK  | 132597 | 38RB#0  | 23.25 | PASS |
| Band66 | 15MHz | QPSK  | 132597 | 38RB#18 | 23.46 | PASS |
| Band66 | 15MHz | QPSK  | 132597 | 38RB#37 | 23.22 | PASS |
| Band66 | 15MHz | QPSK  | 132597 | 75RB#0  | 23.37 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 1RB#0   | 23.01 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 1RB#38  | 23.11 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 1RB#74  | 22.96 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 38RB#0  | 23.04 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 38RB#18 | 23.51 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 38RB#37 | 22.92 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 75RB#0  | 22.07 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 1RB#0   | 23.34 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 1RB#38  | 23.77 | PASS |

|        |       |       |        |         |              |      |
|--------|-------|-------|--------|---------|--------------|------|
| Band66 | 15MHz | 16QAM | 132322 | 1RB#74  | 23.35        | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 38RB#0  | 23.30        | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 38RB#18 | 23.82        | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 38RB#37 | 23.33        | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 75RB#0  | 22.51        | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 1RB#0   | 23.18        | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 1RB#38  | 23.81        | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 1RB#74  | 23.17        | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 38RB#0  | 23.15        | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 38RB#18 | 23.30        | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 38RB#37 | 23.22        | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 75RB#0  | 22.20        | PASS |
| Band66 | 20MHz | QPSK  | 132072 | 1RB#0   | 24.04        | PASS |
| Band66 | 20MHz | QPSK  | 132072 | 1RB#49  | 24.39        | PASS |
| Band66 | 20MHz | QPSK  | 132072 | 1RB#99  | 23.96        | PASS |
| Band66 | 20MHz | QPSK  | 132072 | 50RB#0  | 23.23        | PASS |
| Band66 | 20MHz | QPSK  | 132072 | 50RB#25 | 23.23        | PASS |
| Band66 | 20MHz | QPSK  | 132072 | 50RB#50 | 23.26        | PASS |
| Band66 | 20MHz | QPSK  | 132072 | 100RB#0 | 23.24        | PASS |
| Band66 | 20MHz | QPSK  | 132322 | 1RB#0   | 24.16        | PASS |
| Band66 | 20MHz | QPSK  | 132322 | 1RB#49  | <b>24.69</b> | PASS |
| Band66 | 20MHz | QPSK  | 132322 | 1RB#99  | 24.42        | PASS |
| Band66 | 20MHz | QPSK  | 132322 | 50RB#0  | 23.65        | PASS |
| Band66 | 20MHz | QPSK  | 132322 | 50RB#25 | 23.64        | PASS |
| Band66 | 20MHz | QPSK  | 132322 | 50RB#50 | 23.43        | PASS |
| Band66 | 20MHz | QPSK  | 132322 | 100RB#0 | 23.55        | PASS |
| Band66 | 20MHz | QPSK  | 132572 | 1RB#0   | 24.33        | PASS |
| Band66 | 20MHz | QPSK  | 132572 | 1RB#49  | 24.53        | PASS |
| Band66 | 20MHz | QPSK  | 132572 | 1RB#99  | 24.17        | PASS |
| Band66 | 20MHz | QPSK  | 132572 | 50RB#0  | 23.51        | PASS |
| Band66 | 20MHz | QPSK  | 132572 | 50RB#25 | 23.51        | PASS |
| Band66 | 20MHz | QPSK  | 132572 | 50RB#50 | 23.38        | PASS |
| Band66 | 20MHz | QPSK  | 132572 | 100RB#0 | 23.40        | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 1RB#0   | 23.10        | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 1RB#49  | 23.48        | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 1RB#99  | 23.02        | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 50RB#0  | 22.30        | PASS |

|        |       |       |        |         |       |      |
|--------|-------|-------|--------|---------|-------|------|
| Band66 | 20MHz | 16QAM | 132072 | 50RB#25 | 22.30 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 50RB#50 | 22.23 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 100RB#0 | 22.22 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 1RB#0   | 23.41 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 1RB#49  | 23.93 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 1RB#99  | 23.51 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 50RB#0  | 22.73 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 50RB#25 | 22.72 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 50RB#50 | 22.52 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 100RB#0 | 22.62 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 1RB#0   | 23.43 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 1RB#49  | 23.93 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 1RB#99  | 23.13 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 50RB#0  | 22.49 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 50RB#25 | 22.49 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 50RB#50 | 22.57 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 100RB#0 | 22.49 | PASS |

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#0            | 23.81       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#12           | 23.95       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#24           | 23.75       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 12RB#0           | 22.84       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 12RB#6           | 22.82       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 12RB#13          | 22.86       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 25RB#0           | 22.87       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#0            | 23.59       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#12           | 23.87       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#24           | 23.73       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 12RB#0           | 22.66       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 12RB#6           | 22.66       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 12RB#13          | 22.65       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 25RB#0           | 22.65       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#0            | 23.62       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#12           | 23.68       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#24           | 23.64       | PASS    |



|        |       |       |        |         |       |      |
|--------|-------|-------|--------|---------|-------|------|
| Band71 | 5MHz  | QPSK  | 133447 | 12RB#0  | 22.66 | PASS |
| Band71 | 5MHz  | QPSK  | 133447 | 12RB#6  | 22.66 | PASS |
| Band71 | 5MHz  | QPSK  | 133447 | 12RB#13 | 22.63 | PASS |
| Band71 | 5MHz  | QPSK  | 133447 | 25RB#0  | 22.54 | PASS |
| Band71 | 5MHz  | 16QAM | 133147 | 1RB#0   | 22.87 | PASS |
| Band71 | 5MHz  | 16QAM | 133147 | 1RB#12  | 22.95 | PASS |
| Band71 | 5MHz  | 16QAM | 133147 | 1RB#24  | 22.74 | PASS |
| Band71 | 5MHz  | 16QAM | 133147 | 12RB#0  | 21.80 | PASS |
| Band71 | 5MHz  | 16QAM | 133147 | 12RB#6  | 21.69 | PASS |
| Band71 | 5MHz  | 16QAM | 133147 | 12RB#13 | 21.90 | PASS |
| Band71 | 5MHz  | 16QAM | 133147 | 25RB#0  | 22.06 | PASS |
| Band71 | 5MHz  | 16QAM | 133297 | 1RB#0   | 22.61 | PASS |
| Band71 | 5MHz  | 16QAM | 133297 | 1RB#12  | 22.78 | PASS |
| Band71 | 5MHz  | 16QAM | 133297 | 1RB#24  | 22.68 | PASS |
| Band71 | 5MHz  | 16QAM | 133297 | 12RB#0  | 21.78 | PASS |
| Band71 | 5MHz  | 16QAM | 133297 | 12RB#6  | 21.86 | PASS |
| Band71 | 5MHz  | 16QAM | 133297 | 12RB#13 | 21.78 | PASS |
| Band71 | 5MHz  | 16QAM | 133297 | 25RB#0  | 21.60 | PASS |
| Band71 | 5MHz  | 16QAM | 133447 | 1RB#0   | 22.66 | PASS |
| Band71 | 5MHz  | 16QAM | 133447 | 1RB#12  | 22.54 | PASS |
| Band71 | 5MHz  | 16QAM | 133447 | 1RB#24  | 22.50 | PASS |
| Band71 | 5MHz  | 16QAM | 133447 | 12RB#0  | 21.75 | PASS |
| Band71 | 5MHz  | 16QAM | 133447 | 12RB#6  | 21.63 | PASS |
| Band71 | 5MHz  | 16QAM | 133447 | 12RB#13 | 21.64 | PASS |
| Band71 | 5MHz  | 16QAM | 133447 | 25RB#0  | 21.75 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 1RB#0   | 23.68 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 1RB#24  | 23.73 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 1RB#49  | 23.79 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 25RB#0  | 22.96 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 25RB#12 | 22.95 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 25RB#25 | 22.83 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 50RB#0  | 22.95 | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 1RB#0   | 23.62 | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 1RB#24  | 23.76 | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 1RB#49  | 23.51 | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 25RB#0  | 22.86 | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 25RB#12 | 22.84 | PASS |

|        |       |       |        |         |              |      |
|--------|-------|-------|--------|---------|--------------|------|
| Band71 | 10MHz | QPSK  | 133297 | 25RB#25 | 22.75        | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 50RB#0  | 22.77        | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 1RB#0   | 23.65        | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 1RB#24  | <b>24.21</b> | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 1RB#49  | 23.79        | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 25RB#0  | 22.74        | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 25RB#12 | 22.73        | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 25RB#25 | 22.94        | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 50RB#0  | 22.78        | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 1RB#0   | 22.70        | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 1RB#24  | 23.27        | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 1RB#49  | 23.05        | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 25RB#0  | 21.82        | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 25RB#12 | 21.99        | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 25RB#25 | 21.89        | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 50RB#0  | 22.01        | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 1RB#0   | 22.57        | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 1RB#24  | 22.69        | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 1RB#49  | 22.42        | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 25RB#0  | 21.94        | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 25RB#12 | 21.84        | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 25RB#25 | 21.94        | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 50RB#0  | 21.75        | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 1RB#0   | 22.85        | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 1RB#24  | 23.60        | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 1RB#49  | 22.93        | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 25RB#0  | 22.05        | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 25RB#12 | 21.83        | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 25RB#25 | 21.96        | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 50RB#0  | 21.86        | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 1RB#0   | 23.65        | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 1RB#38  | 23.83        | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 1RB#74  | 23.59        | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 38RB#0  | 22.81        | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 38RB#18 | 22.94        | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 38RB#37 | 22.73        | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 75RB#0  | 22.91        | PASS |

|        |       |       |        |         |       |      |
|--------|-------|-------|--------|---------|-------|------|
| Band71 | 15MHz | QPSK  | 133297 | 1RB#0   | 23.73 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 1RB#38  | 23.59 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 1RB#74  | 23.60 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 38RB#0  | 22.76 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 38RB#18 | 22.63 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 38RB#37 | 22.75 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 75RB#0  | 22.77 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 1RB#0   | 23.67 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 1RB#38  | 23.92 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 1RB#74  | 23.67 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 38RB#0  | 22.90 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 38RB#18 | 23.60 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 38RB#37 | 22.90 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 75RB#0  | 22.92 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 1RB#0   | 22.82 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 1RB#38  | 22.87 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 1RB#74  | 22.38 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 38RB#0  | 22.80 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 38RB#18 | 22.82 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 38RB#37 | 22.72 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 75RB#0  | 21.96 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 1RB#0   | 22.97 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 1RB#38  | 22.66 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 1RB#74  | 22.59 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 38RB#0  | 22.94 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 38RB#18 | 22.63 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 38RB#37 | 22.65 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 75RB#0  | 21.87 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 1RB#0   | 22.92 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 1RB#38  | 23.70 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 1RB#74  | 22.94 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 38RB#0  | 22.90 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 38RB#18 | 23.68 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 38RB#37 | 22.93 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 75RB#0  | 21.93 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 1RB#0   | 23.63 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 1RB#49  | 23.92 | PASS |

|        |       |       |        |         |              |      |
|--------|-------|-------|--------|---------|--------------|------|
| Band71 | 20MHz | QPSK  | 133222 | 1RB#99  | 23.61        | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 50RB#0  | 22.91        | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 50RB#25 | 22.98        | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 50RB#50 | 22.95        | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 100RB#0 | 22.96        | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 1RB#0   | 23.71        | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 1RB#49  | <b>24.12</b> | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 1RB#99  | 23.74        | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 50RB#0  | 22.93        | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 50RB#25 | 22.93        | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 50RB#50 | 22.82        | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 100RB#0 | 22.88        | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#0   | 23.77        | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#49  | 24.11        | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#99  | 23.47        | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 50RB#0  | 22.84        | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 50RB#25 | 22.84        | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 50RB#50 | 23.00        | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 100RB#0 | 22.93        | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#0   | 22.78        | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#49  | 23.47        | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#99  | 22.75        | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 50RB#0  | 21.97        | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 50RB#25 | 22.13        | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 50RB#50 | 21.91        | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 100RB#0 | 21.94        | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#0   | 23.57        | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#49  | 23.45        | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#99  | 23.31        | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 50RB#0  | 21.97        | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 50RB#25 | 21.96        | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 50RB#50 | 21.84        | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 100RB#0 | 21.88        | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#0   | 22.71        | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#49  | 22.90        | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#99  | 22.58        | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 50RB#0  | 21.92        | PASS |

|        |       |       |        |         |       |      |
|--------|-------|-------|--------|---------|-------|------|
| Band71 | 20MHz | 16QAM | 133372 | 50RB#25 | 21.98 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 50RB#50 | 22.05 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 100RB#0 | 21.93 | PASS |

**Remark:**

1. Per KDB941225 D05 v02r05, Start with the largest channel bandwidth then measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power among RB offsets at the upper edge, middle, and lower edge of each required test channel. When the reported SAR is  $\leq 0.8$  W/kg, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel. 6 When the reported SAR of a required test channel is  $> 1.45$  W/kg, SAR is required for all three RB offset configurations for that required test channel.
2. Per KDB941225 D05 v02r05, The procedures required for 1 RB allocation in 5.2.1 are applied to measure the SAR for QPSK with 50% RB allocation.
3. Per KDB941225 D05 v02r05, For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations, and the highest reported SAR for 1 RB and 50% RB allocation in 5.2.1 and 5.2.2 are  $\leq 0.8$  W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is  $> 1.45$  W/kg, the remaining required test channels must also be tested.
4. Per KDB941225 D05 v02r05, For each modulation besides QPSK; e.g., 16-QAM, 64-QAM, apply the QPSK procedures in 5.2.1, 5.2.2, and 5.2.3 to determine the QAM configurations that may need SAR measurement. For each configuration identified as required for testing, SAR is required only when the highest maximum output power for the configuration in the higher order modulation is  $> \frac{1}{2}$  dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is  $> 1.45$  W/kg.

| WLAN(2.4GHz) - Maximum Average Power |         |         |                 |                     |                     |
|--------------------------------------|---------|---------|-----------------|---------------------|---------------------|
| Test Mode                            | TX Type | Channel | Frequency (MHz) | Average Power (dBm) | Tune-up power (dBm) |
| 802.11b                              | SISO    | CH 01   | 2412            | 17.40               | <b>17.5</b>         |
|                                      |         | CH 06   | 2437            | 16.05               | 16.5                |
|                                      |         | CH 11   | 2462            | 15.33               | 15.5                |
| 802.11g                              | SISO    | CH 01   | 2412            | 13.30               | 13.5                |
|                                      |         | CH 06   | 2437            | 13.22               | 13.5                |
|                                      |         | CH 11   | 2462            | 11.95               | 12.0                |
| 802.11n (20MHz)                      | SISO    | CH 01   | 2412            | 12.79               | 13.0                |
|                                      |         | CH 06   | 2437            | 12.18               | 12.5                |
|                                      |         | CH 11   | 2462            | 11.48               | 11.5                |
| 802.11n (40MHz)                      | SISO    | CH 03   | 2422            | 12.20               | 12.5                |
|                                      |         | CH 06   | 2437            | 11.80               | 12.0                |
|                                      |         | CH 09   | 2452            | 11.14               | 11.5                |

**Remark:**

1. Per KDB 248227 D01 v02r02, For 802.11b DSSS SAR measurements, DSSS SAR procedure applies to fixed exposure test position and initial test position procedure applies to multiple exposure test positions.
2. Per KDB 248227 D01 v02r02, For 802.11b DSSS SAR measurements ,when the reported SAR of the highest measured maximum output power channel (see 3.1) for the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required for 802.11b DSSS in that exposure configuration. When the reported SAR is  $> 0.8$  W/kg, SAR is required for that exposure configuration using the next highest measured output power channel. When any reported SAR is  $> 1.2$  W/kg, SAR is required for the third channel; i.e., all channels require testing.
- 3 .For OFDM modes (802.11g/n), SAR is not required when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and it is  $\leq 1.2$ W/kg.
4. Per KDB 248227 D01 v02r02, When multiple channel bandwidth configurations in a frequency band have the same specified maximum output power, the initial test configuration is determined by applying the following steps sequentially.
  - 1) The largest channel bandwidth configuration is selected among the multiple configurations in a frequency band with the same specified maximum output power.
  - 2) If multiple configurations have the same specified maximum output power and largest channel bandwidth, the lowest order modulation among the largest channel bandwidth configurations is selected.
  - 3) If multiple configurations have the same specified maximum output power, largest channel bandwidth and lowest order modulation, the lowest data rate configuration among these configurations is selected.
  - 4) When multiple transmission modes (802.11a/g/n/ac) have the same specified maximum output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected; i.e., 802.11a is chosen over 802.11n then 802.11ac or 802.11g is chosen over 802.11n.

## 9.2 Test Results for Standalone SAR Test

### Body SAR

| WCDMA Band II – Body SAR Test (Gap: 10mm) |           |                       |           |        |                    |                   |                |              |                     |
|---|-----------|-----------------------|-----------|--------|--------------------|-------------------|----------------|--------------|---------------------|
| Plot No.                                  | Mode      | Test Position<br>Body | Frequency |        | Output Power (dBm) | Rated Limit (dBm) | Scaling Factor | SAR1g (W/kg) | Scaled SAR1g (W/kg) |
|   |           |                       | CH.       | MHz    |                    |                   |                |              |                     |
|   | RMC 12.2k | Front Face            | 9262      | 1852.4 | 23.77              | 24.0              | 1.054          | 1.165        | 1.228               |
|   | RMC 12.2k | Top Side              | 9262      | 1852.4 | 23.77              | 24.0              | 1.054          | 0.036        | 0.038               |
| 1.  | RMC 12.2k | Front Face            | 9400      | 1880.0 | 23.64              | 24.0              | 1.086          | 1.258        | <b>1.367</b>        |
|   | RMC 12.2k | Front Face            | 9538      | 1907.6 | 23.70              | 24.0              | 1.072          | 1.129        | 1.210               |

| WCDMA Band IV– Body SAR Test (Gap: 10mm) |           |                       |           |        |                    |                   |                |              |                     |
|--|-----------|-----------------------|-----------|--------|--------------------|-------------------|----------------|--------------|---------------------|
| Plot No.                                 | Mode      | Test Position<br>Body | Frequency |        | Output Power (dBm) | Rated Limit (dBm) | Scaling Factor | SAR1g (W/kg) | Scaled SAR1g (W/kg) |
|  |           |                       | CH.       | MHz    |                    |                   |                |              |                     |
|  | RMC 12.2k | Front Face            | 9538      | 1907.6 | 23.77              | 24.0              | 1.054          | 1.141        | 1.203               |
|  | RMC 12.2k | Top Side              | 9538      | 1907.6 | 23.77              | 24.0              | 1.054          | 0.043        | 0.045               |
| 2.                                       | RMC 12.2k | Front Face            | 9262      | 1852.4 | 23.54              | 24.0              | 1.112          | 1.259        | <b>1.400</b>        |
|  | RMC 12.2k | Front Face            | 9400      | 1880.0 | 23.51              | 24.0              | 1.119          | 0.926        | 1.037               |

| WCDMA Band V –Body SAR Test (Gap: 10mm) |           |                       |           |       |                    |                   |                |              |                     |
|---|-----------|-----------------------|-----------|-------|--------------------|-------------------|----------------|--------------|---------------------|
| Plot No.                                | Mode      | Test Position<br>Body | Frequency |       | Output Power (dBm) | Rated Limit (dBm) | Scaling Factor | SAR1g (W/kg) | Scaled SAR1g (W/kg) |
|   |           |                       | CH.       | MHz   |                    |                   |                |              |                     |
| 3.                                      | RMC 12.2k | Front Face            | 4233      | 846.6 | 23.47              | 23.5              | 1.007          | 0.484        | <b>0.487</b>        |
|   | RMC 12.2k | Top Side              | 4233      | 846.6 | 23.47              | 23.5              | 1.007          | 0.029        | 0.029               |

| LTE Band 2–Body SAR Test (Gap: 10mm) |                           |                       |           |                    |                   |                |              |                     |
|--------------------------------------|---------------------------|-----------------------|-----------|--------------------|-------------------|----------------|--------------|---------------------|
| Plot No.                             | Mode                      | Test Position<br>Body | Frequency | Output Power (dBm) | Rated Limit (dBm) | Scaling Factor | SAR1g (W/kg) | Scaled SAR1g (W/kg) |
|                                      | Modulation, Bandwidth, RB |                       | MHz       |                    |                   |                |              |                     |
|                                      | QPSK 10MHz 1RB            | Front Face            | 1880.0    | 24.25              | 24.5              | 1.059          | 0.987        | 1.045               |
|                                      | QPSK 10MHz 1RB            | Top Side              | 1880.0    | 24.25              | 24.5              | 1.059          | 0.034        | 0.036               |
|                                      | QPSK 10MHz 1RB            | Front Face            | 1855.0    | 23.95              | 24.0              | 1.012          | 1.006        | 1.018               |
|                                      | QPSK 10MHz 1RB            | Front Face            | 1905.0    | 23.95              | 24.0              | 1.012          | 1.151        | 1.164               |
|                                      | QPSK 10MHz 50%RB          | Front Face            | 1880.0    | 24.25              | 24.5              | 1.059          | 0.877        | 0.929               |
|                                      | QPSK 10MHz 50%RB          | Top Side              | 1880.0    | 24.25              | 24.5              | 1.059          | 0.020        | 0.021               |
|                                      | QPSK 10MHz 50%RB          | Front Face            | 1855.0    | 23.95              | 24.0              | 1.012          | 0.721        | 0.729               |
|                                      | QPSK 10MHz 50%RB          | Front Face            | 1905.0    | 23.95              | 24.0              | 1.012          | 0.801        | 0.810               |
|                                      | QPSK 20MHz 1RB            | Front Face            | 1860.0    | 24.07              | 24.5              | 1.104          | 1.112        | 1.228               |
|                                      | QPSK 20MHz 1RB            | Top Side              | 1860.0    | 24.07              | 24.5              | 1.104          | 0.038        | 0.042               |
|                                      | QPSK 20MHz 1RB            | Front Face            | 1880.0    | 24.03              | 24.5              | 1.114          | 1.068        | 1.190               |
| 4.                                   | QPSK 20MHz 1RB            | Front Face            | 1900.0    | 23.92              | 24.0              | 1.019          | 1.255        | <b>1.278</b>        |
|                                      | QPSK 20MHz 50%RB          | Front Face            | 1860.0    | 24.07              | 24.5              | 1.104          | 0.987        | 1.090               |
|                                      | QPSK 20MHz 50%RB          | Top Side              | 1860.0    | 24.07              | 24.5              | 1.104          | 0.021        | 0.023               |
|                                      | QPSK 20MHz 50%RB          | Front Face            | 1880.0    | 24.03              | 24.5              | 1.114          | 0.765        | 0.852               |
|                                      | QPSK 20MHz 50%RB          | Front Face            | 1900.0    | 23.92              | 24.0              | 1.019          | 0.833        | 0.848               |

| LTE Band 4–Body SAR Test (Gap: 10mm) |                           |                       |           |                    |                   |                |              |                     |
|--------------------------------------|---------------------------|-----------------------|-----------|--------------------|-------------------|----------------|--------------|---------------------|
| Plot No.                             | Mode                      | Test Position<br>Body | Frequency | Output Power (dBm) | Rated Limit (dBm) | Scaling Factor | SAR1g (W/kg) | Scaled SAR1g (W/kg) |
|                                      | Modulation, Bandwidth, RB |                       | MHz       |                    |                   |                |              |                     |
| 5.                                   | QPSK 20MHz 1RB            | Front Face            | 1745.0    | 23.62              | 24.0              | 1.091          | 0.652        | <b>0.712</b>        |
|                                      | QPSK 20MHz 1RB            | Top Side              | 1745.0    | 23.62              | 24.0              | 1.091          | 0.034        | 0.037               |
|                                      | QPSK 20MHz 50%RB          | Front Face            | 1745.0    | 23.62              | 24.0              | 1.091          | 0.512        | 0.559               |
|                                      | QPSK 20MHz 50%RB          | Top Side              | 1745.0    | 23.62              | 24.0              | 1.091          | 0.021        | 0.023               |



| LTE Band 5–Body SAR Test (Gap: 10mm) |                           |               |           |              |             |                |        |              |
|--------------------------------------|---------------------------|---------------|-----------|--------------|-------------|----------------|--------|--------------|
| Plot No.                             | Mode                      | Test Position | Frequency | Output Power | Rated Limit | Scaling Factor | SAR1g  | Scaled SAR1g |
|                                      | Modulation, Bandwidth, RB | Body          | MHz       | (dBm)        | (dBm)       |                | (W/kg) | (W/kg)       |
|                                      | QPSK 1.4MHz 1RB           | Front Face    | 836.5     | 24.43        | 24.5        | 1.016          | 0.607  | 0.617        |
|                                      | QPSK 1.4MHz 1RB           | Top Side      | 836.5     | 24.43        | 24.5        | 1.016          | 0.024  | 0.024        |
|                                      | QPSK 1.4MHz 50%RB         | Front Face    | 836.5     | 24.43        | 24.5        | 1.016          | 0.521  | 0.529        |
|                                      | QPSK 1.4MHz 50%RB         | Top Side      | 836.5     | 24.43        | 24.5        | 1.016          | 0.008  | 0.008        |
| 6.                                   | QPSK 10MHz 1RB            | Front Face    | 836.5     | 24.35        | 24.5        | 1.035          | 0.630  | <b>0.652</b> |
| .                                    | QPSK 10MHz 1RB            | Top Side      | 836.5     | 24.35        | 24.5        | 1.035          | 0.023  | 0.024        |
|                                      | QPSK 10MHz 50%RB          | Front Face    | 836.5     | 24.35        | 24.5        | 1.035          | 0.555  | 0.575        |
|                                      | QPSK 10MHz 50%RB          | Top Side      | 836.5     | 24.35        | 24.5        | 1.035          | 0.010  | 0.010        |

| LTE Band 12–Body SAR Test (Gap: 10mm) |                           |               |           |              |             |                |        |              |
|---------------------------------------|---------------------------|---------------|-----------|--------------|-------------|----------------|--------|--------------|
| Plot No.                              | Mode                      | Test Position | Frequency | Output Power | Rated Limit | Scaling Factor | SAR1g  | Scaled SAR1g |
|                                       | Modulation, Bandwidth, RB | Body          | MHz       | (dBm)        | (dBm)       |                | (W/kg) | (W/kg)       |
|                                       | QPSK 1.4MHz 1RB           | Front Face    | 715.3     | 24.13        | 24.5        | 1.089          | 1.021  | 1.112        |
|                                       | QPSK 1.4MHz 1RB           | Top Side      | 715.3     | 24.13        | 24.5        | 1.089          | 0.071  | 0.077        |
|                                       | QPSK 1.4MHz 1RB           | Front Face    | 699.7     | 23.62        | 24.0        | 1.091          | 1.019  | 1.112        |
|                                       | QPSK 1.4MHz 1RB           | Front Face    | 707.5     | 23.73        | 24.0        | 1.064          | 0.941  | 1.001        |
|                                       | QPSK 1.4MHz 50%RB         | Front Face    | 715.3     | 24.13        | 24.5        | 1.089          | 0.972  | 1.058        |
|                                       | QPSK 1.4MHz 50%RB         | Top Side      | 715.3     | 24.13        | 24.5        | 1.089          | 0.041  | 0.045        |
|                                       | QPSK 1.4MHz 50%RB         | Front Face    | 699.7     | 23.62        | 24.0        | 1.091          | 0.871  | 0.951        |
|                                       | QPSK 1.4MHz 50%RB         | Front Face    | 707.5     | 23.73        | 24.0        | 1.064          | 0.752  | 0.800        |
|                                       | QPSK 10MHz 1RB            | Front Face    | 711.0     | 23.94        | 24.0        | 1.014          | 1.128  | 1.144        |
|                                       | QPSK 10MHz 1RB            | Top Side      | 711.0     | 23.94        | 24.0        | 1.014          | 0.080  | 0.081        |
| 7.                                    | QPSK 10MHz 1RB            | Front Face    | 704.0     | 23.67        | 24.0        | 1.079          | 1.181  | <b>1.274</b> |
|                                       | QPSK 10MHz 1RB            | Front Face    | 707.5     | 23.54        | 24.0        | 1.112          | 0.989  | 1.100        |
|                                       | QPSK 10MHz 50%RB          | Front Face    | 711.0     | 23.94        | 24.0        | 1.014          | 0.998  | 1.012        |
|                                       | QPSK 10MHz 50%RB          | Top Side      | 711.0     | 23.94        | 24.0        | 1.014          | 0.043  | 0.044        |
|                                       | QPSK 10MHz 50%RB          | Front Face    | 704.0     | 23.67        | 24.0        | 1.079          | 0.887  | 0.957        |
|                                       | QPSK 10MHz 50%RB          | Front Face    | 707.5     | 23.54        | 24.0        | 1.112          | 0.765  | 0.850        |

| LTE Band 13–Body SAR Test (Gap: 10mm) |                           |               |           |              |             |                |        |              |
|---------------------------------------|---------------------------|---------------|-----------|--------------|-------------|----------------|--------|--------------|
| Plot No.                              | Mode                      | Test Position | Frequency | Output Power | Rated Limit | Scaling Factor | SAR1g  | Scaled SAR1g |
|                                       | Modulation, Bandwidth, RB | Body          | MHz       | (dBm)        | (dBm)       |                | (W/kg) | (W/kg)       |
|                                       | QPSK 5MHz 1RB             | Front Face    | 779.5     | 24.36        | 24.5        | 1.033          | 0.641  | 0.662        |
|                                       | QPSK 5MHz 1RB             | Top Side      | 779.5     | 24.36        | 24.5        | 1.033          | 0.039  | 0.040        |
|                                       | QPSK 5MHz 50%RB           | Front Face    | 779.5     | 24.36        | 24.5        | 1.033          | 0.512  | 0.529        |
|                                       | QPSK 5MHz 50%RB           | Top Side      | 779.5     | 24.36        | 24.5        | 1.033          | 0.013  | 0.013        |
| 8.                                    | QPSK 10MHz 1RB            | Front Face    | 782.0     | 23.95        | 24.0        | 1.012          | 0.685  | <b>0.693</b> |
| .                                     | QPSK 10MHz 1RB            | Top Side      | 782.0     | 24.36        | 24.5        | 1.033          | 0.048  | 0.050        |
|                                       | QPSK 10MHz 50%RB          | Front Face    | 782.0     | 24.36        | 24.5        | 1.033          | 0.536  | 0.554        |
|                                       | QPSK 10MHz 50%RB          | Top Side      | 782.0     | 24.36        | 24.5        | 1.033          | 0.023  | 0.024        |

| LTE Band 14–Body SAR Test (Gap: 10mm) |                           |               |           |              |             |                |        |              |
|---------------------------------------|---------------------------|---------------|-----------|--------------|-------------|----------------|--------|--------------|
| Plot No.                              | Mode                      | Test Position | Frequency | Output Power | Rated Limit | Scaling Factor | SAR1g  | Scaled SAR1g |
|                                       | Modulation, Bandwidth, RB | Body          | MHz       | (dBm)        | (dBm)       |                | (W/kg) | (W/kg)       |
|                                       | QPSK 5MHz 1RB             | Front Face    | 790.5     | 24.71        | 25.0        | 1.069          | 0.615  | 0.657        |
|                                       | QPSK 5MHz 1RB             | Top Side      | 790.5     | 24.71        | 25.0        | 1.069          | 0.041  | 0.044        |
|                                       | QPSK 5MHz 50%RB           | Front Face    | 790.5     | 24.71        | 25.0        | 1.069          | 0.547  | 0.585        |
|                                       | QPSK 5MHz 50%RB           | Top Side      | 790.5     | 24.71        | 25.0        | 1.069          | 0.028  | 0.030        |
| 9.                                    | QPSK 10MHz 1RB            | Front Face    | 793.0     | 24.38        | 24.5        | 1.028          | 0.671  | <b>0.690</b> |
| .                                     | QPSK 10MHz 1RB            | Top Side      | 793.0     | 24.38        | 24.5        | 1.028          | 0.044  | 0.045        |
|                                       | QPSK 10MHz 50%RB          | Front Face    | 793.0     | 24.38        | 24.5        | 1.028          | 0.601  | 0.618        |
|                                       | QPSK 10MHz 50%RB          | Top Side      | 793.0     | 24.38        | 24.5        | 1.028          | 0.025  | 0.026        |

| LTE Band 66–Body SAR Test (Gap: 10mm) |                           |               |           |              |             |                |        |              |
|---------------------------------------|---------------------------|---------------|-----------|--------------|-------------|----------------|--------|--------------|
| Plot No.                              | Mode                      | Test Position | Frequency | Output Power | Rated Limit | Scaling Factor | SAR1g  | Scaled SAR1g |
|                                       | Modulation, Bandwidth, RB | Body          | MHz       | (dBm)        | (dBm)       |                | (W/kg) | (W/kg)       |
| 10.                                   | QPSK 20MHz 1RB            | Front Face    | 1745.0    | 24.69        | 25.0        | 1.074          | 0.715  | <b>0.768</b> |
|                                       | QPSK 20MHz 1RB            | Top Side      | 1745.0    | 24.69        | 25.0        | 1.074          | 0.049  | 0.053        |
|                                       | QPSK 20MHz 50%RB          | Front Face    | 1745.0    | 24.69        | 25.0        | 1.074          | 0.638  | 0.685        |
|                                       | QPSK 20MHz 50%RB          | Top Side      | 1745.0    | 24.69        | 25.0        | 1.074          | 0.030  | 0.032        |

| LTE Band 71–Body SAR Test (Gap: 10mm) |                           |               |           |              |             |                |        |              |
|---------------------------------------|---------------------------|---------------|-----------|--------------|-------------|----------------|--------|--------------|
| Plot No.                              | Mode                      | Test Position | Frequency | Output Power | Rated Limit | Scaling Factor | SAR1g  | Scaled SAR1g |
|                                       | Modulation, Bandwidth, RB | Body          | MHz       | (dBm)        | (dBm)       |                | (W/kg) | (W/kg)       |
|                                       | QPSK 10MHz 1RB            | Front Face    | 683.0     | 24.21        | 24.5        | 1.069          | 0.684  | 0.731        |
|                                       | QPSK 10MHz 1RB            | Top Side      | 683.0     | 24.21        | 24.5        | 1.069          | 0.048  | 0.051        |
|                                       | QPSK 10MHz 50%RB          | Front Face    | 683.0     | 24.21        | 24.5        | 1.069          | 0.518  | 0.554        |
|                                       | QPSK 10MHz 50%RB          | Top Side      | 683.0     | 24.21        | 24.5        | 1.069          | 0.034  | 0.036        |
| 11.                                   | QPSK 20MHz 1RB            | Front Face    | 673.0     | 24.12        | 24.5        | 1.091          | 0.749  | <b>0.817</b> |
|                                       | QPSK 20MHz 1RB            | Top Side      | 673.0     | 24.12        | 24.5        | 1.091          | 0.042  | 0.046        |
|                                       | QPSK 20MHz 1RB            | Front Face    | 680.5     | 23.92        | 24.0        | 1.019          | 0.687  | 0.700        |
|                                       | QPSK 20MHz 1RB            | Front Face    | 688.0     | 24.11        | 24.5        | 1.094          | 0.694  | 0.759        |
|                                       | QPSK 20MHz 50%RB          | Front Face    | 673.0     | 24.12        | 24.5        | 1.091          | 0.534  | 0.583        |
|                                       | QPSK 20MHz 50%RB          | Top Side      | 673.0     | 24.12        | 24.5        | 1.091          | 0.031  | 0.034        |

| WLAN 2.4GHz –Body SAR Test (Gap: 10mm) |         |                       |           |      |                       |                      |                |                 |                        |
|--|---------|-----------------------|-----------|------|-----------------------|----------------------|----------------|-----------------|------------------------|
| Plot No.                               | Mode    | Test Position<br>Body | Frequency |      | Output Power<br>(dBm) | Rated Limit<br>(dBm) | Scaling Factor | SAR1g<br>(W/kg) | Scaled SAR1g<br>(W/kg) |
|  |         |                       | CH.       | MHz  |                       |                      |                |                 |                        |
|  | 802.11b | Back Side             | CH 01     | 2412 | 17.40                 | 17.5                 | 1.023          | 0.054           | 0.055                  |
|  | 802.11b | Front Side            | CH 01     | 2412 | 17.40                 | 17.5                 | 1.023          | 0.074           | 0.076                  |
| 12.                                    | 802.11b | Right Side            | CH 01     | 2412 | 17.40                 | 17.5                 | 1.023          | 0.084           | <b>0.086</b>           |

**Repeated SAR**

| WCDMA         |                       |           |        |                 |              |   |       |   |
|---------------|-----------------------|-----------|--------|-----------------|--------------|---|-------|---|
| Mode          | Test Position<br>Body | Frequency |        | SAR1g<br>(W/kg) | Repeated SAR |   | Ratio |   |
|               |                       | CH.       | MHz    |                 | 1            | 2 | 1     | 2 |
| WCDMA Band II | Front Face            | 9262      | 1852.4 | 1.165           | 1.124        | / | 1.036 | / |
| WCDMA Band II | Front Face            | 9400      | 1880.0 | 1.258           | 1.224        | / | 1.028 | / |
| WCDMA Band II | Front Face            | 9538      | 1907.6 | 1.129           | 1.113        | / | 1.014 | / |
| WCDMA Band IV | Front Face            | 9538      | 1907.6 | 1.141           | 1.126        | / | 1.013 | / |
| WCDMA Band IV | Front Face            | 9262      | 1852.4 | 1.259           | 1.241        | / | 1.015 | / |
| WCDMA Band IV | Front Face            | 9400      | 1880.0 | 0.926           | 0.912        | / | 1.015 | / |

| LTE Band 2       |                       |           |  |                 |              |   |       |   |
|------------------|-----------------------|-----------|--|-----------------|--------------|---|-------|---|
| Mode             | Test Position<br>Body | Frequency |  | SAR1g<br>(W/kg) | Repeated SAR |   | Ratio |   |
|                  |                       | MHz       |  |                 | 1            | 2 | 1     | 2 |
| QPSK 10MHz 1RB   | Front Face            | 1880.0    |  | 0.987           | 0.971        | / | 1.016 | / |
| QPSK 10MHz 1RB   | Front Face            | 1855.0    |  | 1.006           | 0.981        | / | 1.025 | / |
| QPSK 10MHz 1RB   | Front Face            | 1905.0    |  | 1.151           | 1.135        | / | 1.014 | / |
| QPSK 10MHz 50%RB | Front Face            | 1880.0    |  | 0.877           | 0.861        | / | 1.019 | / |
| QPSK 10MHz 50%RB | Front Face            | 1905.0    |  | 0.801           | 0.785        | / | 1.020 | / |
| QPSK 20MHz 1RB   | Front Face            | 1860.0    |  | 1.112           | 1.104        | / | 1.007 | / |
| QPSK 20MHz 1RB   | Front Face            | 1880.0    |  | 1.068           | 1.046        | / | 1.021 | / |
| QPSK 20MHz 1RB   | Front Face            | 1900.0    |  | 1.255           | 1.226        | / | 1.024 | / |
| QPSK 20MHz 50%RB | Front Face            | 1860.0    |  | 0.987           | 0.974        | / | 1.013 | / |
| QPSK 20MHz 50%RB | Front Face            | 1900.0    |  | 0.833           | 0.819        | / | 1.017 | / |

| LTE Band 12       |                       |           |  |                 |              |   |       |   |
|-------------------|-----------------------|-----------|--|-----------------|--------------|---|-------|---|
| Mode              | Test Position<br>Body | Frequency |  | SAR1g<br>(W/kg) | Repeated SAR |   | Ratio |   |
|                   |                       | MHz       |  |                 | 1            | 2 | 1     | 2 |
| QPSK 1.4MHz 1RB   | Front Face            | 715.3     |  | 1.021           | 1.004        | / | 1.017 | / |
| QPSK 1.4MHz 1RB   | Front Face            | 699.7     |  | 1.019           | 1.005        | / | 1.014 | / |
| QPSK 1.4MHz 1RB   | Front Face            | 707.5     |  | 0.941           | 0.924        | / | 1.018 | / |
| QPSK 1.4MHz 50%RB | Front Face            | 715.3     |  | 0.972           | 0.958        | / | 1.015 | / |
| QPSK 1.4MHz 50%RB | Front Face            | 699.7     |  | 0.871           | 0.853        | / | 1.021 | / |
| QPSK 10MHz 1RB    | Front Face            | 711.0     |  | 1.128           | 1.107        | / | 1.019 | / |
| QPSK 10MHz 1RB    | Front Face            | 704.0     |  | 1.181           | 1.165        | / | 1.014 | / |
| QPSK 10MHz 1RB    | Front Face            | 707.5     |  | 0.989           | 0.965        | / | 1.025 | / |
| QPSK 10MHz 50%RB  | Front Face            | 711.0     |  | 0.998           | 0.972        | / | 1.027 | / |
| QPSK 10MHz 50%RB  | Front Face            | 704.0     |  | 0.887           | 0.878        | / | 1.010 | / |

**Remark:**

1. Per KDB 447498 D01 v06, if the highest output channel SAR for each exposure position  $\leq 0.8$  W/kg other channels SAR tests are not necessary.
2. Repeated measurement is not required when the original highest measured SAR is  $< 0.80$  W/kg; steps 3) through 5) do not apply.
3. When the original highest measured SAR is  $\geq 0.80$  W/kg, repeat that measurement once.
4. Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is  $> 1.20$  or when the original or repeated measurement is  $\geq 1.45$  W/kg (~ 10% from the 1-g SAR limit).
5. Perform a third repeated measurement only if the original, first or second repeated measurement is  $\geq 1.5$  W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is  $> 1.20$ .

### 9.3 Simultaneous Multi-band Transmission SAR Analysis

#### List of Mode for Simultaneous Multi-band Transmission

| No. | Configurations                         | Body SAR |
|-----|--|----------|
| 1   | WCDMA (Voice/Data)+ WLAN(2.4GHz)(Data) | Yes      |
| 2   | LTE(Data) + WLAN(2.4GHz)(Data)         | Yes      |

#### Remark:

1. WCDMA and LTE, the same antenna, and cannot transmit simultaneously.
2. According to the KDB 447498 D01 v06, when standalone SAR test exclusion applies to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to following to determine simultaneous transmission SAR test exclusion:  
(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)<sup>2</sup>·[√f(GHz)/x] W/kg for test separation distances ≤ 50 mm;  
where x = 7.5 for 1-g SAR, and x = 18.75 for 10-g SAR.
3. The maximum SAR summation is calculated based on the same configuration and test position.

#### Body SAR

#### WWAN and WLAN

| Position    | WWAN  |                   | WLAN(2.4GHz)      | Summed SAR (W/kg) |
|-------------|-------|-------------------|-------------------|-------------------|
|             | Band  | Scaled SAR (W/kg) | Scaled SAR (W/kg) |                   |
| Back        | WCDMA | --                | 0.055             | 0.055             |
| Front       | WCDMA | <b>1.400</b>      | 0.076             | <b>1.476</b>      |
| Right side  | WCDMA | --                | <b>0.086</b>      | 0.086             |
| Left side   | WCDMA | --                | --                | --                |
| Bottom side | WCDMA | --                | --                | --                |
| Top side    | WCDMA | 0.045             | --                | 0.045             |
| Back        | LTE   | --                | 0.055             | 0.055             |
| Front       | LTE   | <b>1.278</b>      | 0.076             | 1.354             |
| Right side  | LTE   | --                | <b>0.086</b>      | 0.086             |
| Left side   | LTE   | --                | --                | --                |
| Bottom side | LTE   | --                | --                | --                |
| Top side    | LTE   | 0.081             | --                | 0.081             |

## 10. Measurement Uncertainty

### 10.1 Uncertainty for SAR Test

| a   | b     | c             | d              | e= f(d,k)  | f                 | g                 | h= c*f/e       | i= c*g/e        | k        |
|---|-------|---------------|----------------|------------|-------------------|-------------------|----------------|-----------------|----------|
| Uncertainty Component   | Sec.  | Tol<br>(+- %) | Prob.<br>Dist. | Div.       | Ci (1g)           | Ci (10g)          | 1g Ui<br>(+-%) | 10g Ui<br>(+-%) | Vi       |
| <b>Measurement System</b>   |       |               |                |            |                   |                   |                |                 |          |
| Probe calibration   | E.2.1 | 7.0           | N              | 1          | 1                 | 1                 | 7.00           | 7.00            | $\infty$ |
| Axial Isotropy  | E.2.2 | 2.5           | R              | $\sqrt{3}$ | $(1_{-Cp})^{1/2}$ | $(1_{-Cp})^{1/2}$ | 1.02           | 1.02            | $\infty$ |
| Hemispherical Isotropy  | E.2.2 | 4.0           | R              | $\sqrt{3}$ | $(Cp)^{1/2}$      | $(Cp)^{1/2}$      | 1.63           | 1.63            | $\infty$ |
| Boundary effect   | E.2.3 | 1.0           | R              | $\sqrt{3}$ | 1                 | 1                 | 0.58           | 0.58            | $\infty$ |
| Linearity   | E.2.4 | 5.0           | R              | $\sqrt{3}$ | 1                 | 1                 | 2.89           | 2.89            | $\infty$ |
| System detection limits   | E.2.5 | 1.0           | R              | $\sqrt{3}$ | 1                 | 1                 | 0.58           | 0.58            | $\infty$ |
| Readout Electronics   | E.2.6 | 0.02          | N              | 1          | 1                 | 1                 | 0.02           | 0.02            | $\infty$ |
| Reponse Time  | E.2.7 | 3.0           | R              | $\sqrt{3}$ | 1                 | 1                 | 1.73           | 1.73            | $\infty$ |
| Integration Time  | E.2.8 | 2.0           | R              | $\sqrt{3}$ | 1                 | 1                 | 1.15           | 1.15            | $\infty$ |
| RF ambient Conditions – Noise   | E.6.1 | 0             | R              | $\sqrt{3}$ | 1                 | 1                 | 1.73           | 1.73            | $\infty$ |
| RF ambient Conditions - Reflections   | E.6.1 | 0             | R              | $\sqrt{3}$ | 1                 | 1                 | 1.73           | 1.73            | $\infty$ |
| Probe positioner Mechanical Tolerance   | E.6.2 | 2.0           | R              | $\sqrt{3}$ | 1                 | 1                 | 1.15           | 1.15            | $\infty$ |
| Probe positioning with respect to Phantom Shell                                 | E.6.3 | 0.05          | R              | $\sqrt{3}$ | 1                 | 1                 | 0.03           | 0.03            | $\infty$ |
| Extrapolation, interpolation and integration Algorithms for Max. SAR Evaluation | E.5   | 5.0           | R              | $\sqrt{3}$ | 1                 | 1                 | 2.89           | 2.89            | $\infty$ |
| <b>Test Sample Related</b>  |       |               |                |            |                   |                   |                |                 |          |
| Test sample positioning   | E.4.2 | 0.03          | N              | 1          | 1                 | 1                 | 0.03           | 0.03            | N-1      |
| Device Holder Uncertainty   | E.4.1 | 5.00          | N              | 1          | 1                 | 1                 | 5.00           | 5.00            |          |
| Output power Variation - SAR drift measurement                                  | E.2.9 | 12.02         | R              | $\sqrt{3}$ | 1                 | 1                 | 6.94           | 6.94            | $\infty$ |
| SAR scaling   | E6.5  | 0.0           | R              | $\sqrt{3}$ | 1                 | 1                 | 0.0            | 0.0             | $\infty$ |
| <b>Phantom and Tissue Parameters</b>  |       |               |                |            |                   |                   |                |                 |          |
| Phantom Uncertainty (Shape and thickness tolerances)                            | E.3.1 | 0.05          | R              | $\sqrt{3}$ | 1                 | 1                 | 0.03           | 0.03            | $\infty$ |
| Uncertainty in SAR correction for deviations in permittivity and conductivity   | E3.2  | 1.9           | R              | $\sqrt{3}$ | 1                 | 0.84              | 1.10           | 0.90            | $\infty$ |

|   |       |       |     |            |      |      |       |       |          |
|---|-------|-------|-----|------------|------|------|-------|-------|----------|
| Liquid conductivity - deviation from target value | E.3.2 | 5.00  | R   | $\sqrt{3}$ | 0.64 | 0.43 | 1.85  | 1.24  | $\infty$ |
| Liquid conductivity - measurement uncertainty     | E.3.3 | 5.00  | N   | 1          | 0.64 | 0.43 | 3.20  | 2.15  | $\infty$ |
| Liquid permittivity - deviation from target value | E.3.2 | 0.37  | R   | $\sqrt{3}$ | 0.6  | 0.49 | 0.13  | 0.10  | $\infty$ |
| Liquid permittivity - measurement uncertainty     | E.3.3 | 10.00 | N   | 1          | 0.6  | 0.49 | 6.00  | 4.90  | $\infty$ |
| Combined Standard Uncertainty                     |       |       | RSS |            |      |      | 10.20 | 10.00 |          |
| Expanded Uncertainty (95% Confidence interval)    |       |       | K=2 |            |      |      | 20.40 | 20.00 |          |



## Annex A. Plots of System Performance Check

# MEASUREMENT 1

Type: Validation measurement (Fast, 75.00 %)

Measurement duration: 7 minutes 21 seconds

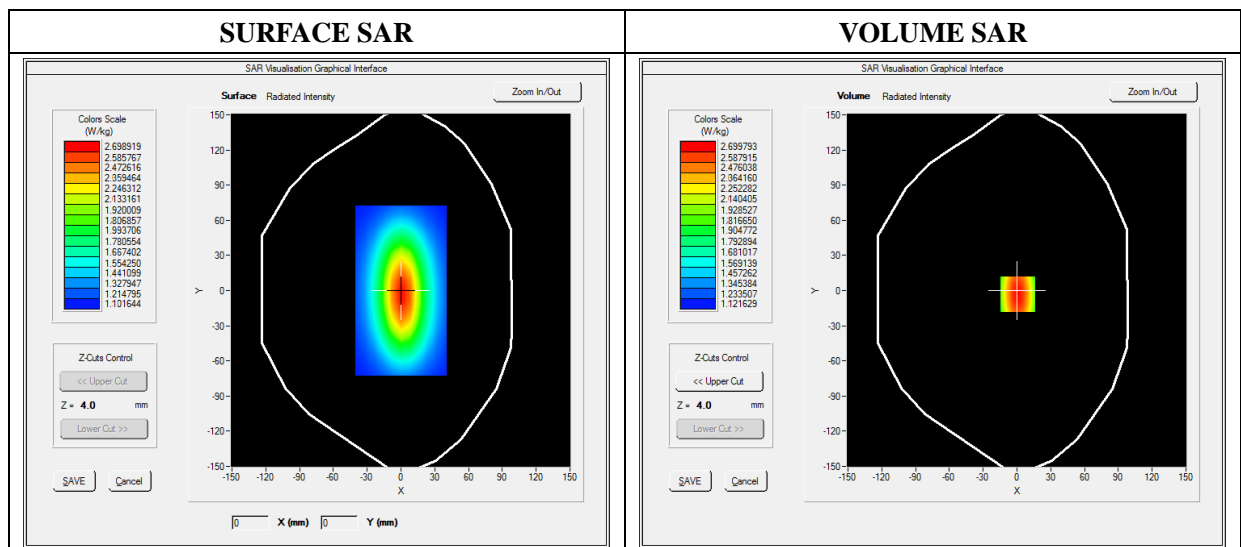
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.66; Calibrated: 2022-07-08

### A. Experimental conditions

|                        |                      |
|------------------------|----------------------|
| <b>Area Scan</b>       | dx=8mm dy=8mm        |
| <b>Zoom Scan</b>       | dx=5mm dy=5mm dz=4mm |
| <b>Phantom</b>         | Validation plane     |
| <b>Device Position</b> | Dipole               |
| <b>Band</b>            | CW750                |
| <b>Signal</b>          | Duty Cycle 1:1       |

### B. SAR Measurement Results

|  |            |
|--|------------|
| <b>Frequency (MHz)</b>                   | 750.000000 |
| <b>Relative Permittivity (real part)</b> | 40.310574  |
| <b>Conductivity (S/m)</b>                | 0.872373   |
| <b>Power Variation (%)</b>               | 0.038363   |
| <b>Ambient Temperature</b>               | 21.4       |
| <b>Liquid Temperature</b>                | 21.4       |

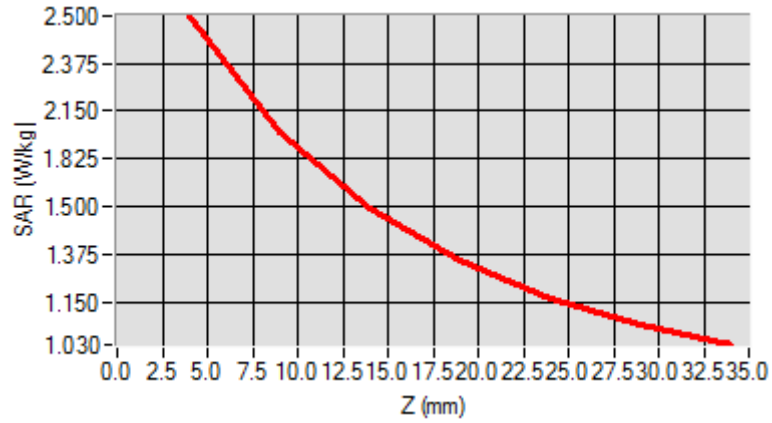


Maximum location: X=0.00, Y=0.00

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 1.042744 |
| SAR 1g (W/Kg)  | 2.164534 |

Z Axis Scan

| Z (mm)     | 0.00   | 4.00   | 9.00   | 14.00  | 19.00  | 24.00  | 29.00  |
|------------|--------|--------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.0000 | 2.3634 | 1.8023 | 1.4523 | 1.2514 | 1.1005 | 1.0245 |



| 3D screen shot | Hot spot position |
|----------------|-------------------|
|                |                   |

# MEASUREMENT 2

Type: Validation measurement (Fast, 75.00 %)

Measurement duration: 7 minutes 21 seconds

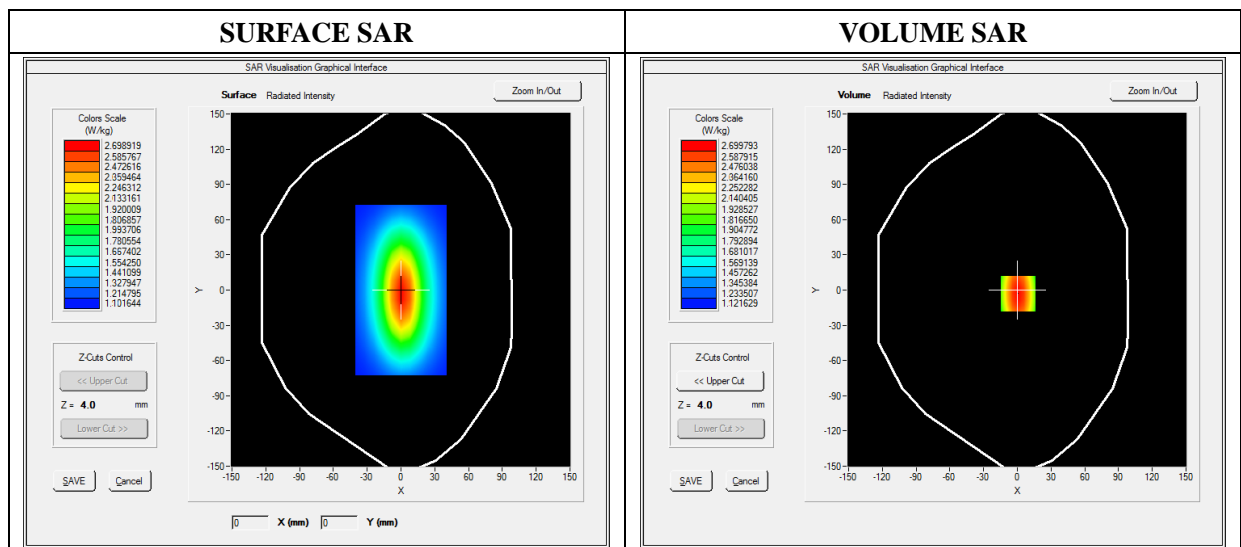
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 1.71; Calibrated: 2022-07-08

### A. Experimental conditions

|                        |                      |
|------------------------|----------------------|
| <b>Area Scan</b>       | dx=8mm dy=8mm        |
| <b>Zoom Scan</b>       | dx=5mm dy=5mm dz=4mm |
| <b>Phantom</b>         | Validation plane     |
| <b>Device Position</b> | Dipole               |
| <b>Band</b>            | CW835                |
| <b>Signal</b>          | Duty Cycle 1:1       |

### B. SAR Measurement Results

|  |            |
|--|------------|
| <b>Frequency (MHz)</b>                   | 835.000000 |
| <b>Relative Permittivity (real part)</b> | 41.160245  |
| <b>Conductivity (S/m)</b>                | 0.881245   |
| <b>Power Variation (%)</b>               | 0.038437   |
| <b>Ambient Temperature</b>               | 21.4       |
| <b>Liquid Temperature</b>                | 21.4       |

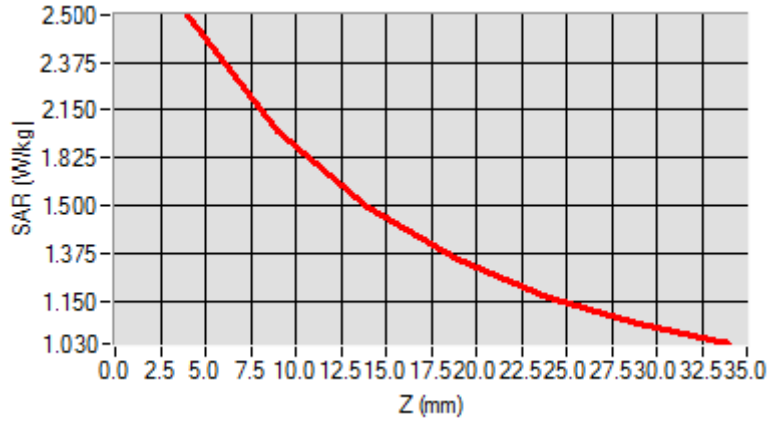


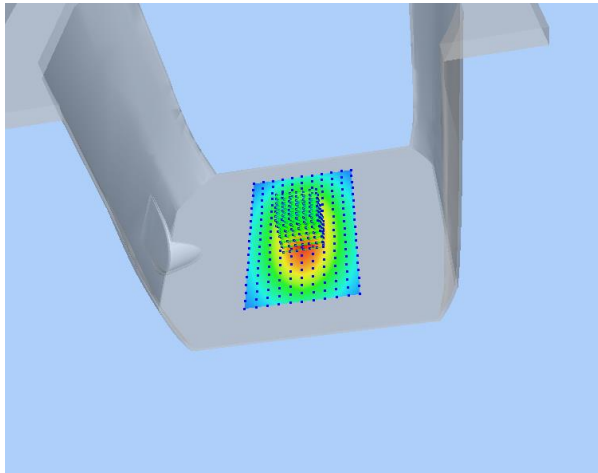
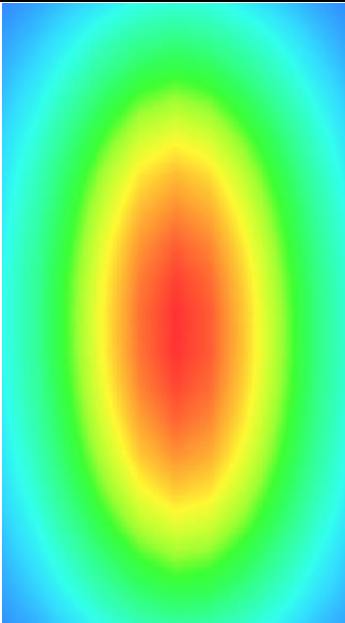
Maximum location: X=0.00, Y=0.00

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 1.519489 |
| SAR 1g (W/Kg)  | 2.411253 |

Z Axis Scan

| Z (mm)     | 0.00   | 4.00   | 9.00   | 14.00  | 19.00  | 24.00  | 29.00  |
|------------|--------|--------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.0000 | 2.4900 | 1.8942 | 1.4811 | 1.3541 | 1.1123 | 1.0539 |



| 3D screen shot  | Hot spot position  |
|---|--|
|  |  |

# MEASUREMENT 3

Type: Validation measurement (Fast, 75.00 %)

Measurement duration: 12 minutes 21 seconds

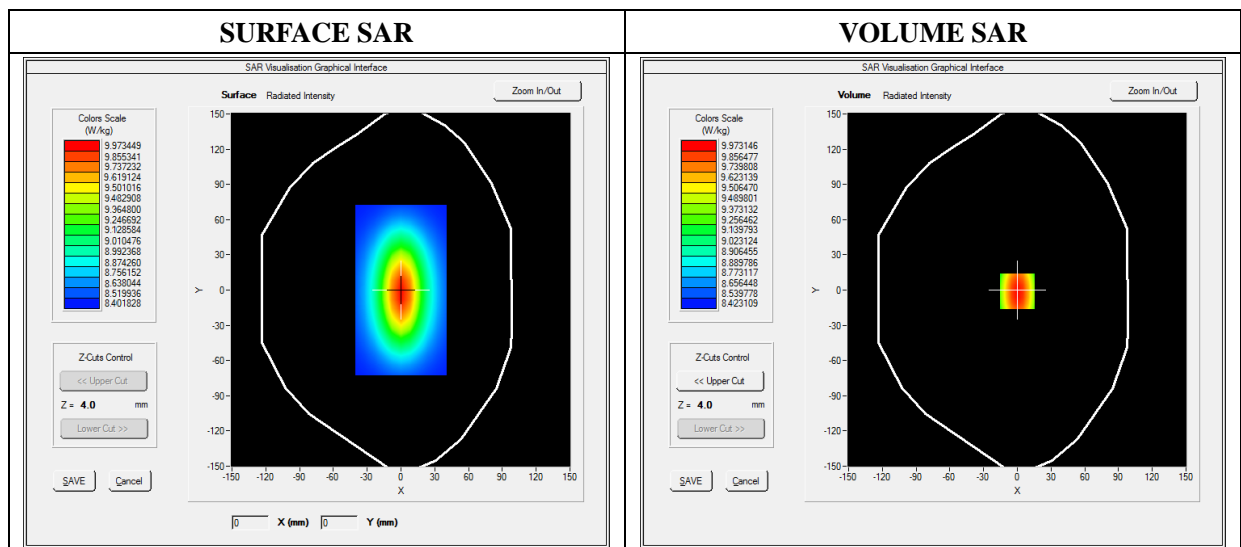
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.11; Calibrated: 2022-07-08

## A. Experimental conditions

|                        |                        |
|------------------------|------------------------|
| <b>Area Scan</b>       | dx=8mm dy=8mm          |
| <b>Zoom Scan</b>       | dx=5mm dy=5mm dz=4mm   |
| <b>Phantom</b>         | Validation plane       |
| <b>Device Position</b> | Dipole                 |
| <b>Band</b>            | CW1800                 |
| <b>Signal</b>          | CW (Crest factor: 1.0) |

## B. SAR Measurement Results

|  |             |
|--|-------------|
| <b>Frequency (MHz)</b>                   | 1800.000000 |
| <b>Relative Permittivity (real part)</b> | 39.603890   |
| <b>Conductivity (S/m)</b>                | 1.372504    |
| <b>Power Variation (%)</b>               | 1.401232    |
| <b>Ambient Temperature</b>               | 21.4        |
| <b>Liquid Temperature</b>                | 21.4        |

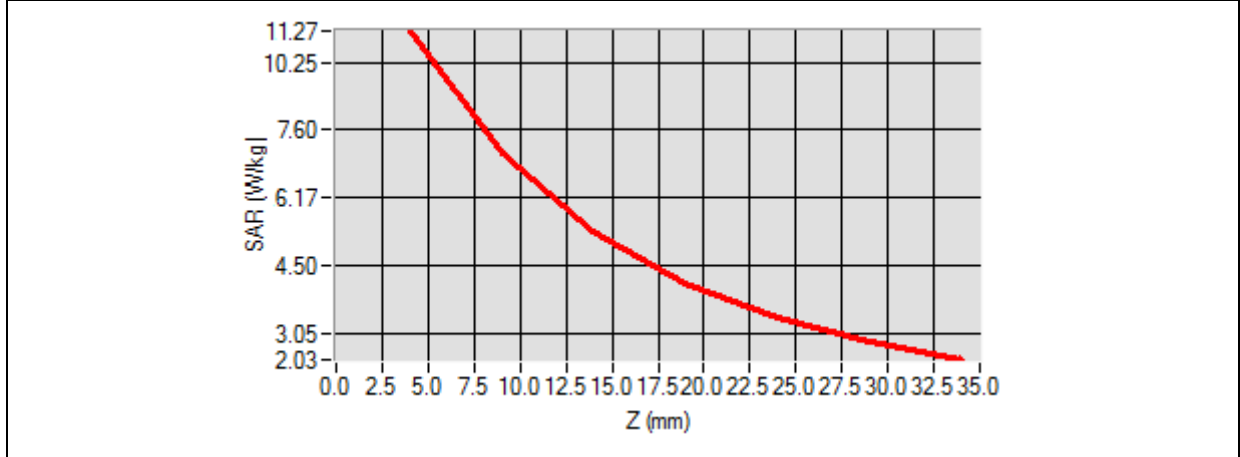


Maximum location: X=0.00, Y=0.00

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 5.171252 |
| SAR 1g (W/Kg)  | 9.611250 |

Z Axis Scan

| Z (mm)     | 0.00   | 4.00    | 9.00   | 14.00  | 19.00 | 24.00  | 29.00  |
|------------|--------|---------|--------|--------|-------|--------|--------|
| SAR (W/Kg) | 0.0000 | 10.3455 | 7.1125 | 5.1026 | 3.425 | 3.0242 | 2.1125 |



| 3D screen shot | Hot spot position |
|----------------|-------------------|
|                |                   |

# MEASUREMENT 4

Type: Validation measurement (Fast, 75.00 %)

Measurement duration: 12 minutes 21 seconds

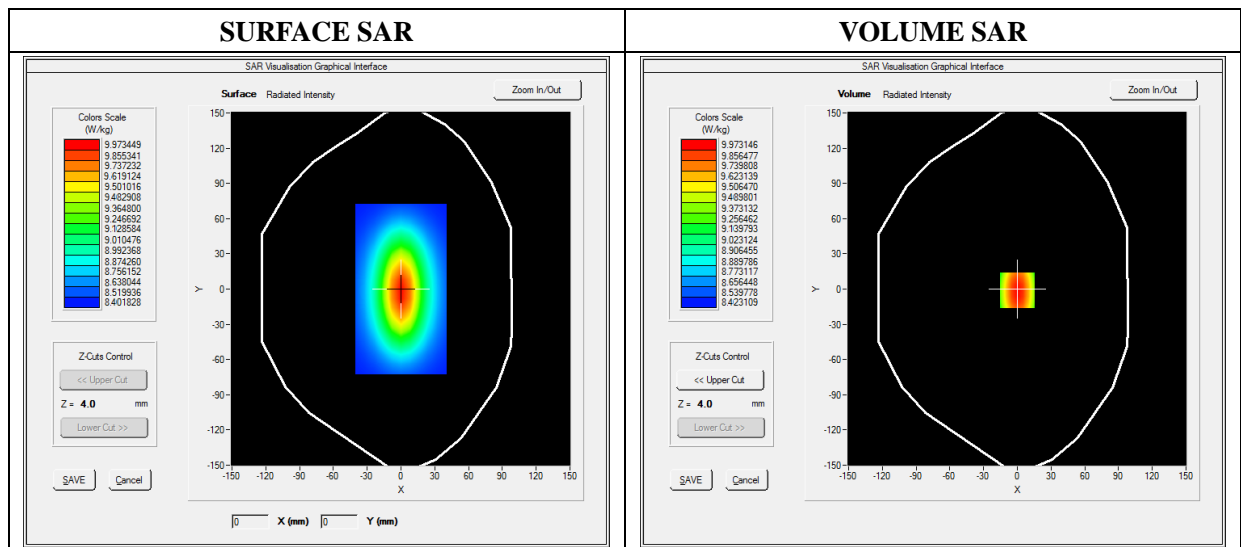
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.21; Calibrated: 2022-07-08

## A. Experimental conditions

|                        |                      |
|------------------------|----------------------|
| <b>Area Scan</b>       | dx=8mm dy=8mm        |
| <b>Zoom Scan</b>       | dx=5mm dy=5mm dz=4mm |
| <b>Phantom</b>         | Validation plane     |
| <b>Device Position</b> | Dipole               |
| <b>Band</b>            | CW1900               |
| <b>Signal</b>          | Duty Cycle 1:1       |

## B. SAR Measurement Results

|  |             |
|--|-------------|
| <b>Frequency (MHz)</b>                   | 1900.000000 |
| <b>Relative Permittivity (real part)</b> | 39.581247   |
| <b>Conductivity (S/m)</b>                | 1.380369    |
| <b>Power Variation (%)</b>               | 1.022540    |
| <b>Ambient Temperature</b>               | 21.4        |
| <b>Liquid Temperature</b>                | 21.4        |

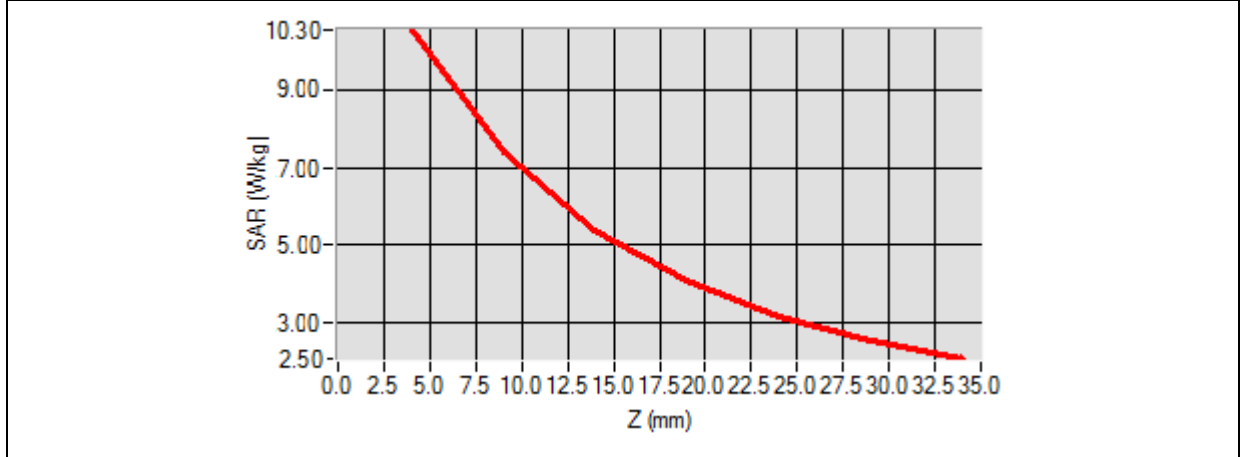


Maximum location: X=0.00, Y=0.00

|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 5.174526 |
| SAR 1g (W/Kg)  | 9.913214 |

Z Axis Scan

| Z (mm)     | 0.00   | 4.00    | 9.00   | 14.00  | 19.00  | 24.00  | 29.00  |
|------------|--------|---------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.0000 | 10.2354 | 6.8400 | 5.0121 | 4.1189 | 3.0522 | 2.8424 |



| 3D screen shot | Hot spot position |
|----------------|-------------------|
|                |                   |



# MEASUREMENT 5

Type: Validation measurement (Fast, 75.00 %)

Measurement duration: 12 minutes 21 seconds

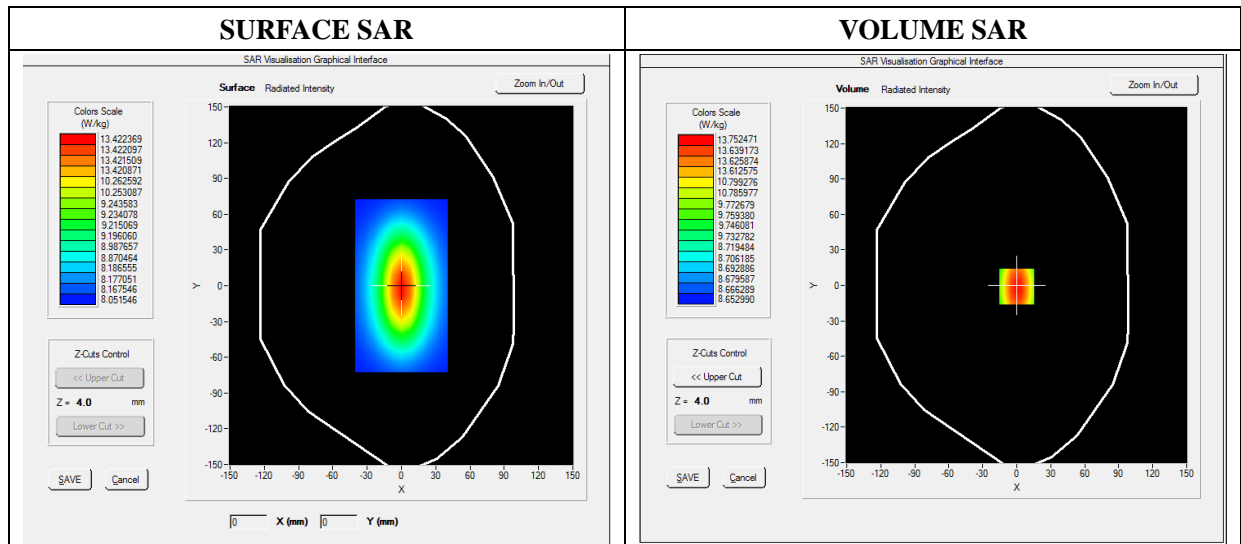
E-field Probe: SSE2 - SN 18/21 EPGO356; ConvF: 2.29; Calibrated: 2022-07-08

## A. Experimental conditions

|                        |                      |
|------------------------|----------------------|
| <b>Area Scan</b>       | dx=8mm dy=8mm        |
| <b>Zoom Scan</b>       | dx=5mm dy=5mm dz=4mm |
| <b>Phantom</b>         | Validation plane     |
| <b>Device Position</b> | Dipole               |
| <b>Band</b>            | CW2450               |
| <b>Signal</b>          | Duty Cycle 1:1       |

## B. SAR Measurement Results

|  |             |
|--|-------------|
| <b>Frequency (MHz)</b>                   | 2450.000000 |
| <b>Relative Permittivity (real part)</b> | 38.593660   |
| <b>Conductivity (S/m)</b>                | 1.770236    |
| <b>Power Variation (%)</b>               | 1.141452    |
| <b>Ambient Temperature</b>               | 21.4        |
| <b>Liquid Temperature</b>                | 21.4        |

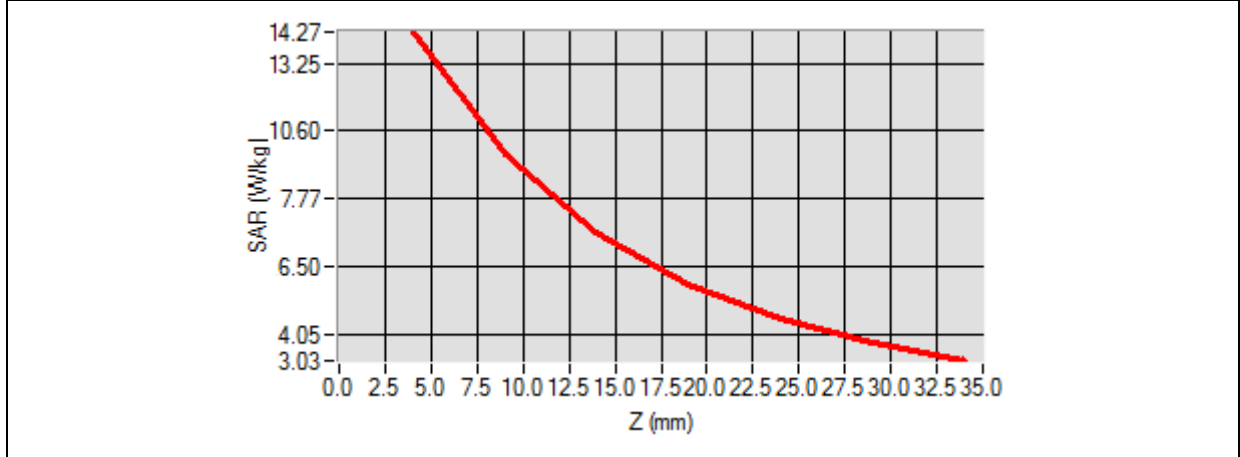


**Maximum location: X=0.00, Y=0.00**

|                       |                  |
|-----------------------|------------------|
| <b>SAR 10g (W/Kg)</b> | <b>8.020427</b>  |
| <b>SAR 1g (W/Kg)</b>  | <b>13.452457</b> |

**Z Axis Scan**

| <b>Z (mm)</b>     | <b>0.00</b>   | <b>4.00</b>    | <b>9.00</b>    | <b>14.00</b>   | <b>19.00</b>  | <b>24.00</b>  | <b>29.00</b>  |
|-------------------|---------------|----------------|----------------|----------------|---------------|---------------|---------------|
| <b>SAR (W/Kg)</b> | <b>0.0000</b> | <b>14.1034</b> | <b>12.0012</b> | <b>10.2624</b> | <b>7.4715</b> | <b>5.9022</b> | <b>4.5114</b> |



| <b>3D screen shot</b>   | <b>Hot spot position</b>  |
|---|---|
| <p>A 3D perspective view of a grey, L-shaped device. A rectangular area on the horizontal part of the device is overlaid with a color-coded grid representing SAR distribution. The colors range from blue (low SAR) to red (high SAR), with the highest concentration in the center of the grid.</p> | <p>A 2D heatmap showing a central, vertically-oriented oval region of high intensity (red) that transitions through yellow and green to blue at the edges, representing the spatial distribution of the SAR hot spot.</p> |

## Annex B. Plots of SAR Measurement

# MEASUREMENT 1

Type: Phone measurement (Complete)

Date of measurement: 2022-08-22

Measurement duration: 12 minutes 3 seconds

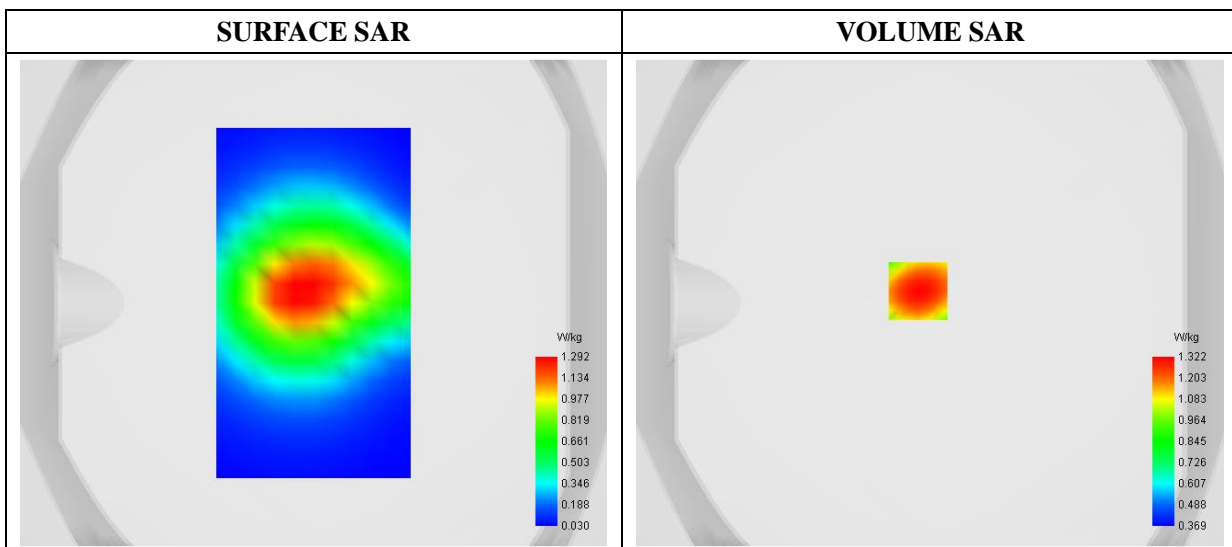
### A. Experimental conditions

|                        |                      |
|------------------------|----------------------|
| <b>Area Scan</b>       | dx=8mm dy=8mm        |
| <b>Zoom Scan</b>       | dx=4mm dy=4mm dz=2mm |
| <b>Phantom</b>         | Flat Plane           |
| <b>Device Position</b> | Front                |
| <b>Band</b>            | WCDMA1900_RMC        |
| <b>Channels</b>        | Middle               |
| <b>Signal</b>          | Duty Cycle 1:1       |

### B. SAR Measurement Results

|  |             |
|--|-------------|
| <b>Frequency (MHz)</b>                   | 1880.000000 |
| <b>Relative Permittivity (real part)</b> | 39.600124   |
| <b>Conductivity (S/m)</b>                | 1.373607    |
| <b>Power Variation (%)</b>               | 0.820000    |
| <b>Ambient Temperature</b>               | 21.4        |
| <b>Liquid Temperature</b>                | 21.4        |

### C. SAR Surface and Volume



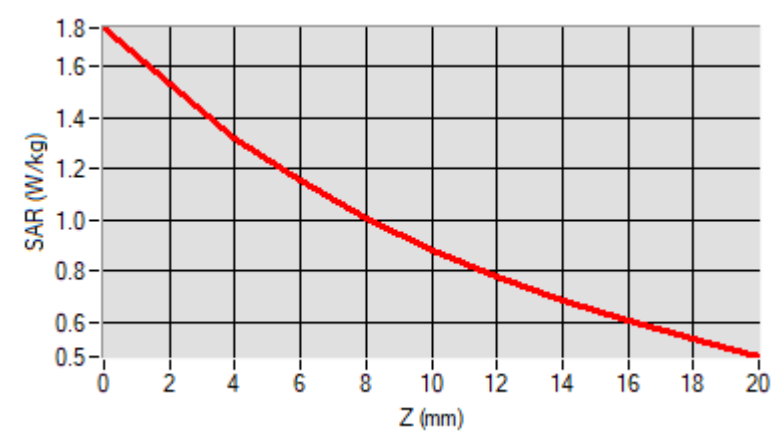
Maximum location: X=-5.00, Y=5.00

**D. SAR 1g & 10g**

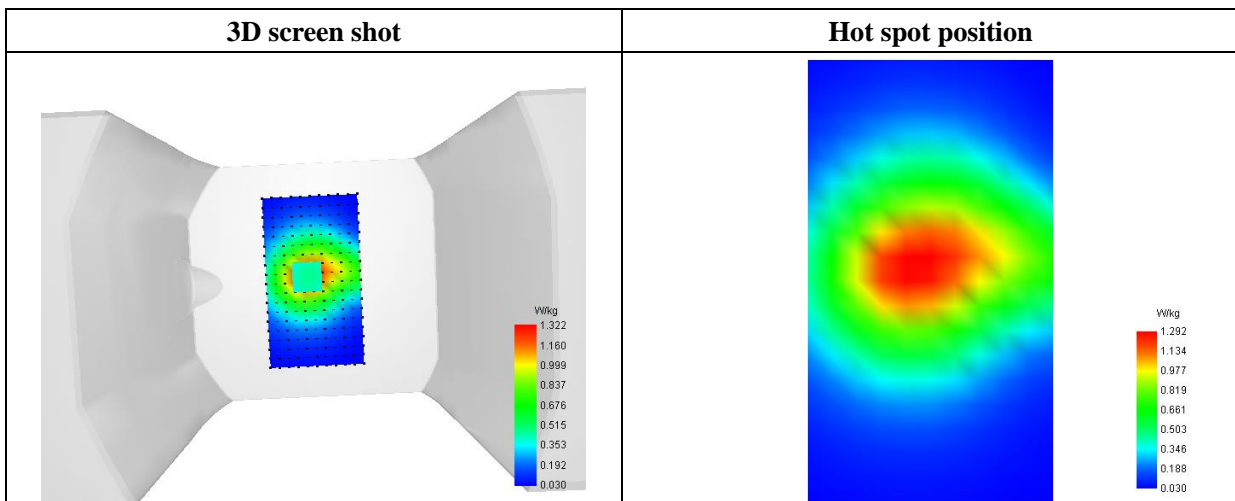
|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.858559 |
| SAR 1g (W/Kg)  | 1.257505 |

**E. Z Axis Scan**

| Z (mm)     | 0.00   | 4.00   | 6.00   | 8.00   | 10.00  | 12.00  | 14.00  | 16.00  | 18.00  |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 1.7507 | 1.3216 | 1.1533 | 1.0085 | 0.8853 | 0.7796 | 0.6877 | 0.6065 | 0.5335 |



**F. 3D Image**



# MEASUREMENT 2

Type: Phone measurement (Complete)

Date of measurement: 2022-08-22

Measurement duration: 12 minutes 3 seconds

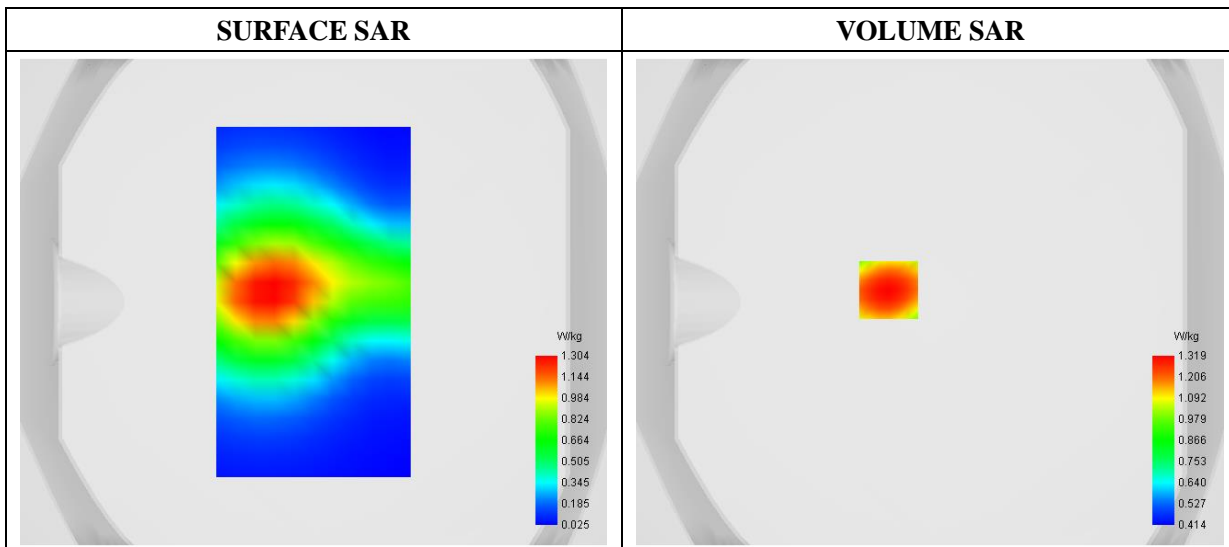
**A. Experimental conditions**

|                        |                      |
|------------------------|----------------------|
| <b>Area Scan</b>       | dx=8mm dy=8mm        |
| <b>Zoom Scan</b>       | dx=4mm dy=4mm dz=2mm |
| <b>Phantom</b>         | Flat Plane           |
| <b>Device Position</b> | Front                |
| <b>Band</b>            | WCDMA1700_RMC        |
| <b>Channels</b>        | Low                  |
| <b>Signal</b>          | Duty Cycle 1:1       |

**B. SAR Measurement Results**

|  |             |
|--|-------------|
| <b>Frequency (MHz)</b>                   | 1852.400000 |
| <b>Relative Permittivity (real part)</b> | 39.601247   |
| <b>Conductivity (S/m)</b>                | 1.373074    |
| <b>Power Variation (%)</b>               | 1.810000    |
| <b>Ambient Temperature</b>               | 21.4        |
| <b>Liquid Temperature</b>                | 21.4        |

**C. SAR Surface and Volume**



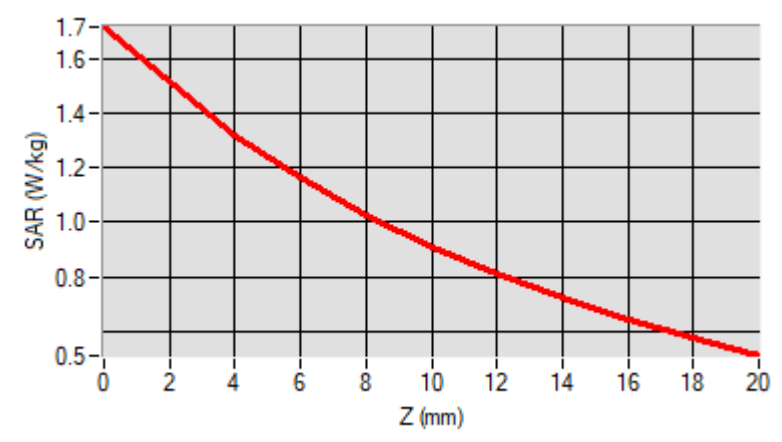
Maximum location: X=-17.00, Y=5.00

**D. SAR 1g & 10g**

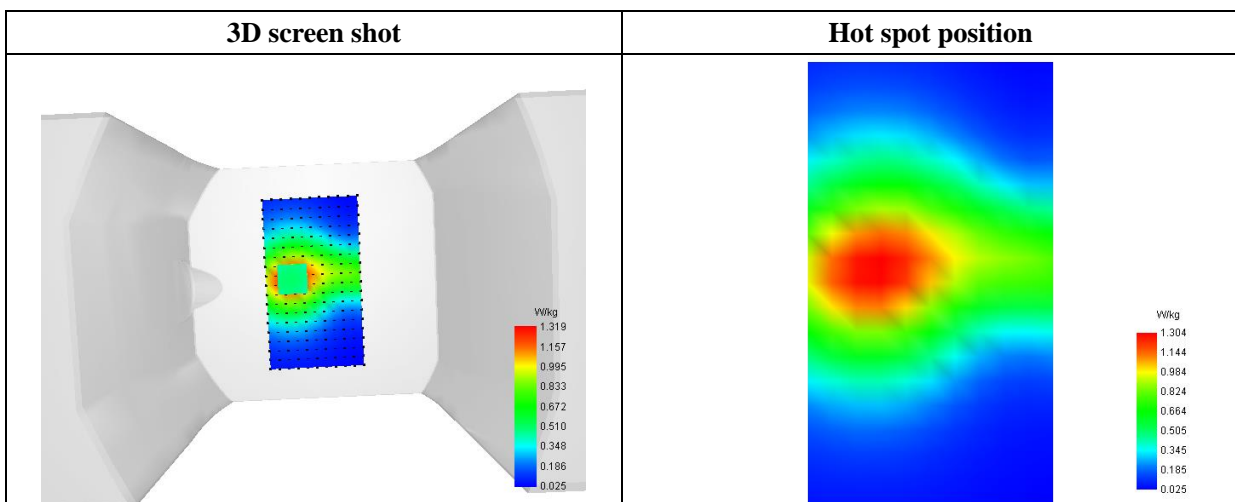
|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.884757 |
| SAR 1g (W/Kg)  | 1.258605 |

**E. Z Axis Scan**

| Z (mm)     | 0.00   | 4.00   | 6.00   | 8.00   | 10.00  | 12.00  | 14.00  | 16.00  | 18.00  |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 1.7161 | 1.3186 | 1.1616 | 1.0260 | 0.9101 | 0.8102 | 0.7228 | 0.6452 | 0.5750 |



**F. 3D Image**



# MEASUREMENT 3

Type: Phone measurement (Complete)  
 Date of measurement: 2022-08-22  
 Measurement duration: 12 minutes 3 seconds

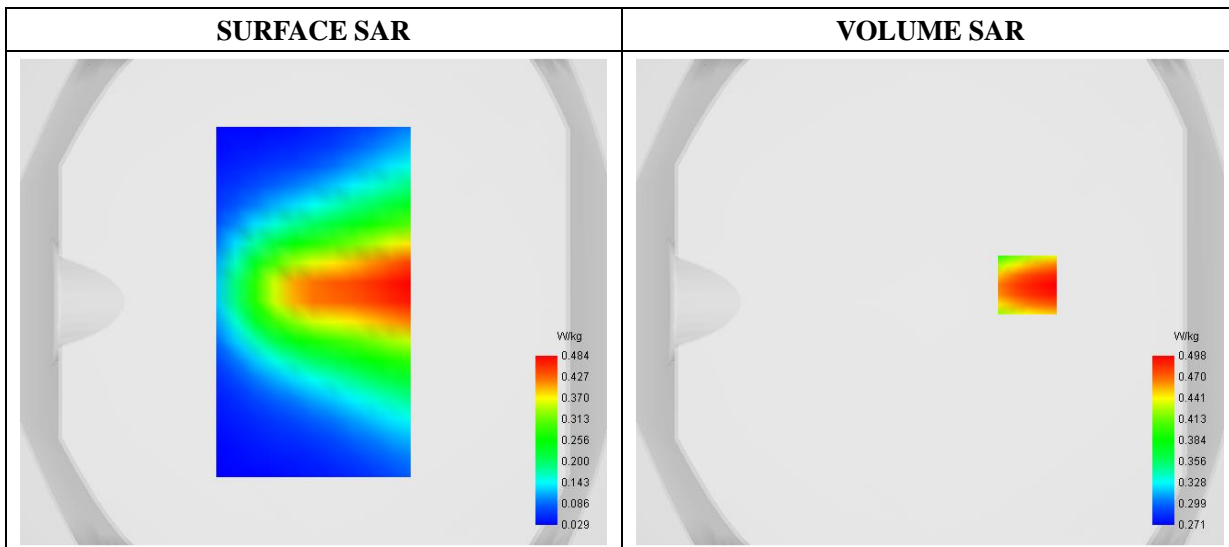
**A. Experimental conditions**

|                        |                      |
|------------------------|----------------------|
| <b>Area Scan</b>       | dx=8mm dy=8mm        |
| <b>Zoom Scan</b>       | dx=4mm dy=4mm dz=2mm |
| <b>Phantom</b>         | Flat Plane           |
| <b>Device Position</b> | Front                |
| <b>Band</b>            | WCDMA850_RMC         |
| <b>Channels</b>        | High                 |
| <b>Signal</b>          | Duty Cycle 1:1       |

**B. SAR Measurement Results**

|  |            |
|--|------------|
| <b>Frequency (MHz)</b>                   | 846.600000 |
| <b>Relative Permittivity (real part)</b> | 42.162275  |
| <b>Conductivity (S/m)</b>                | 0.882987   |
| <b>Power Variation (%)</b>               | 1.200000   |
| <b>Ambient Temperature</b>               | 21.4       |
| <b>Liquid Temperature</b>                | 21.4       |

**C. SAR Surface and Volume**



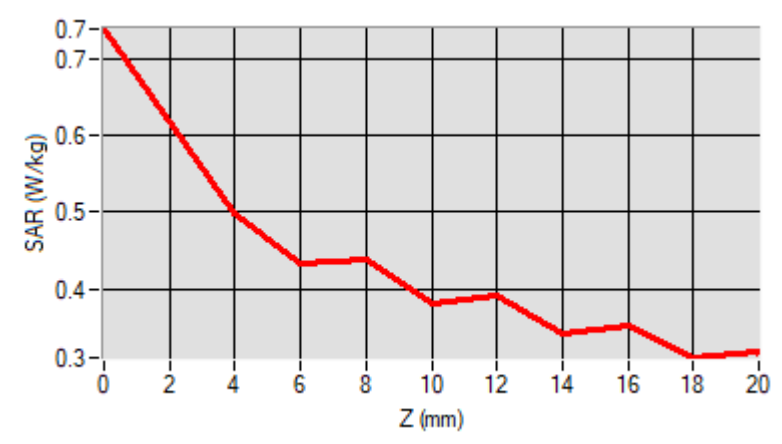
Maximum location: X=40.00, Y=7.00

**D. SAR 1g & 10g**

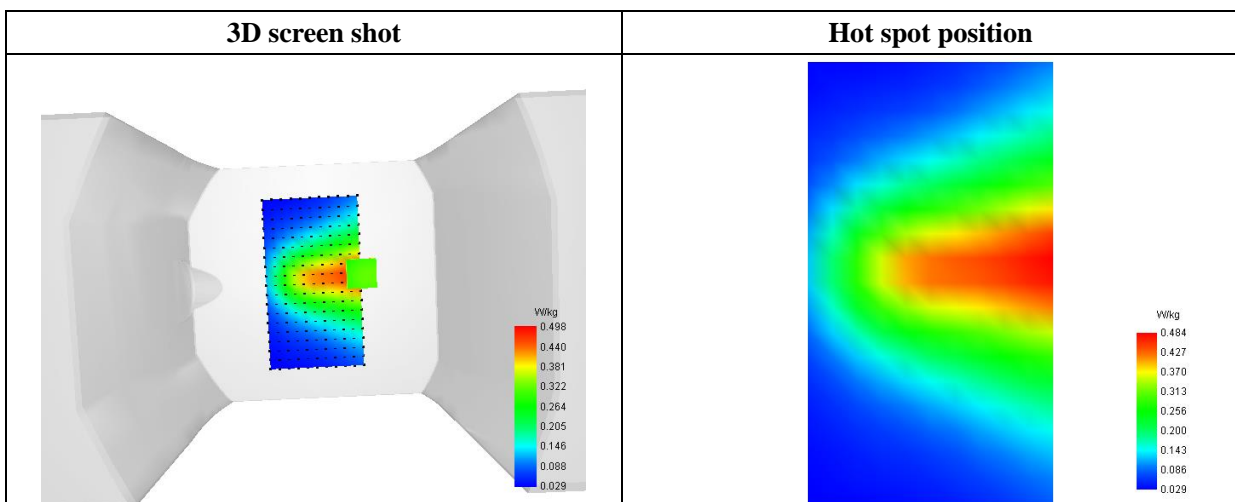
|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.400528 |
| SAR 1g (W/Kg)  | 0.483753 |

**E. Z Axis Scan**

| Z (mm)     | 0.00   | 4.00   | 6.00   | 8.00   | 10.00  | 12.00  | 14.00  | 16.00  | 18.00  |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.7382 | 0.4982 | 0.4318 | 0.4377 | 0.3794 | 0.3905 | 0.3407 | 0.3522 | 0.3099 |



**F. 3D Image**





# MEASUREMENT 4

Type: Phone measurement (Complete)  
 Date of measurement: 2022-08-22  
 Measurement duration: 12 minutes 3 seconds

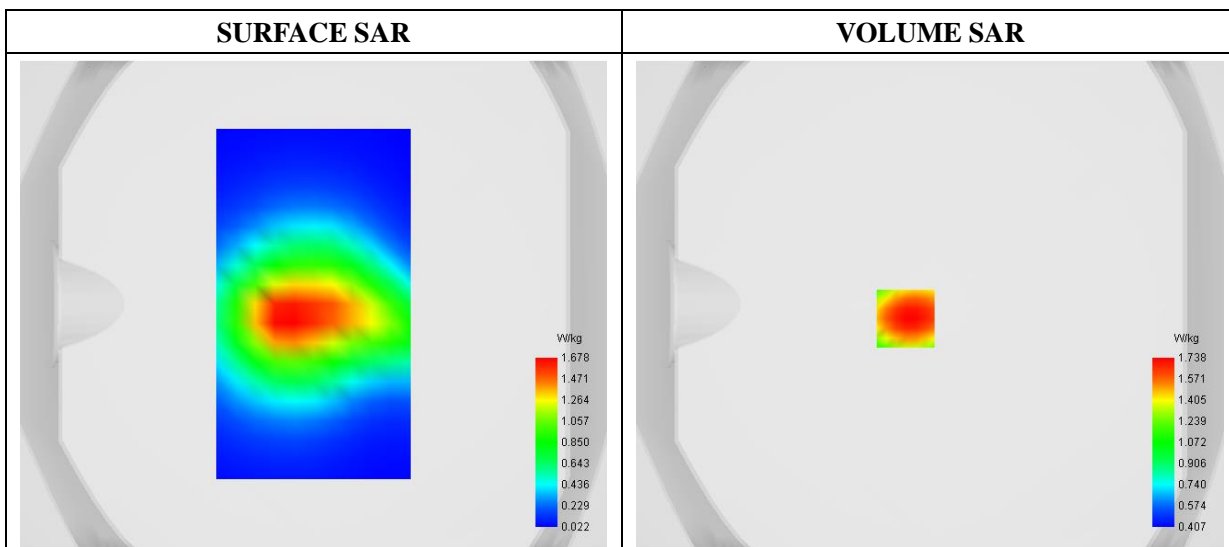
**A. Experimental conditions**

|                        |                        |
|------------------------|------------------------|
| <b>Area Scan</b>       | dx=8mm dy=8mm          |
| <b>Zoom Scan</b>       | dx=4mm dy=4mm dz=2mm   |
| <b>Phantom</b>         | Flat Plane             |
| <b>Device Position</b> | Front                  |
| <b>Band</b>            | LTE Band 2             |
| <b>Channels</b>        | QPSK, 20MHz, 1RB, High |
| <b>Signal</b>          | Duty Cycle 1:1         |

**B. SAR Measurement Results**

|  |             |
|--|-------------|
| <b>Frequency (MHz)</b>                   | 1900.000000 |
| <b>Relative Permittivity (real part)</b> | 39.581247   |
| <b>Conductivity (S/m)</b>                | 1.380369    |
| <b>Power Variation (%)</b>               | -1.340000   |
| <b>Ambient Temperature</b>               | 21.4        |
| <b>Liquid Temperature</b>                | 21.4        |

**C. SAR Surface and Volume**



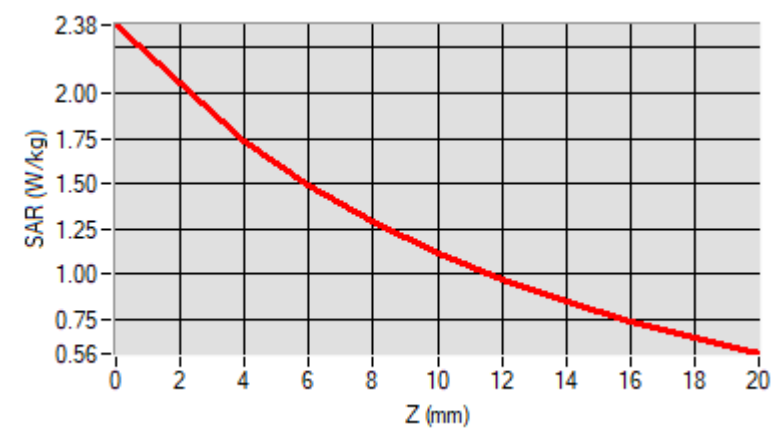
Maximum location: X=-10.00, Y=-6.00

D. SAR 1g & 10g

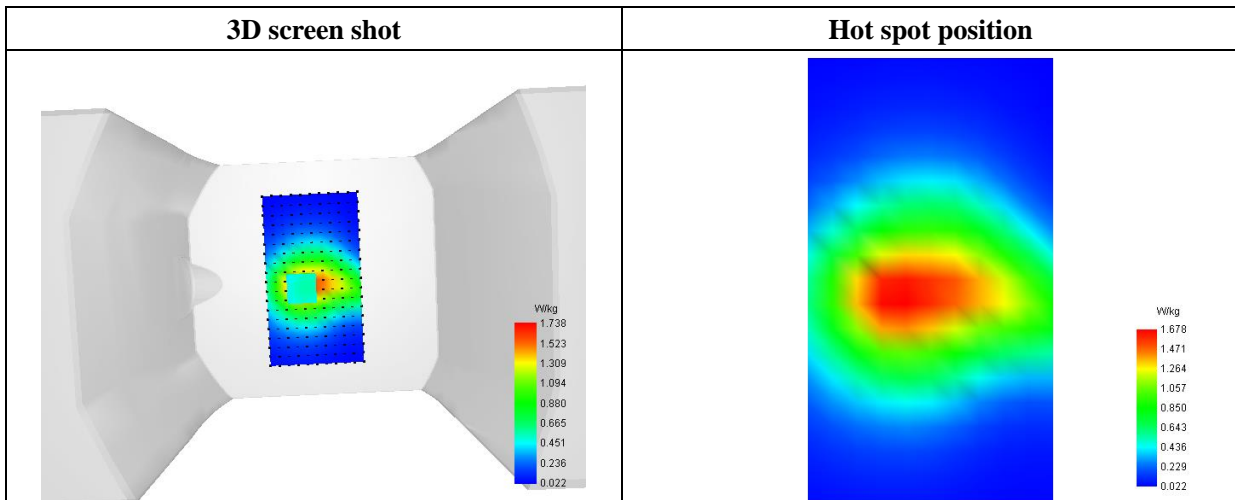
|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 1.095363 |
| SAR 1g (W/Kg)  | 1.254954 |

E. Z Axis Scan

| Z (mm)     | 0.00   | 4.00   | 6.00   | 8.00   | 10.00  | 12.00  | 14.00  | 16.00  | 18.00  |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 2.3774 | 1.7376 | 1.4933 | 1.2870 | 1.1152 | 0.9708 | 0.8475 | 0.7404 | 0.6455 |



F. 3D Image



# MEASUREMENT 5

Type: Phone measurement (Complete)  
 Date of measurement: 2022-08-22  
 Measurement duration: 12 minutes 3 seconds

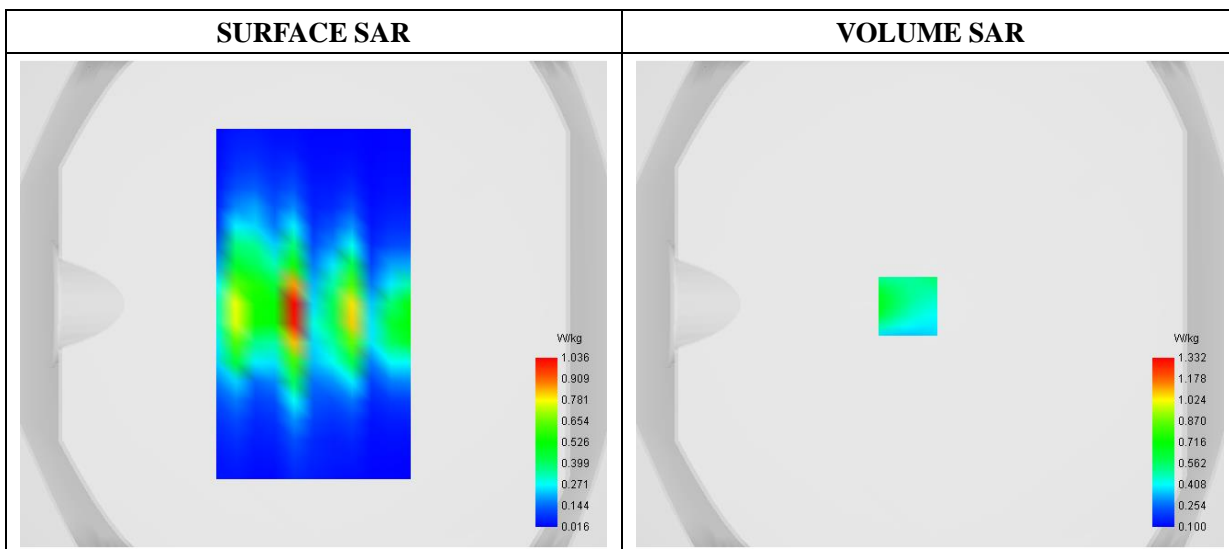
**A. Experimental conditions**

|                        |                      |
|------------------------|----------------------|
| <b>Area Scan</b>       | dx=8mm dy=8mm        |
| <b>Zoom Scan</b>       | dx=4mm dy=4mm dz=2mm |
| <b>Phantom</b>         | Flat Plane           |
| <b>Device Position</b> | Front                |
| <b>Band</b>            | LTE Band 4           |
| <b>Channels</b>        | QPSK 20MHz 1RB,High  |
| <b>Signal</b>          | Duty Cycle 1:1       |

**B. SAR Measurement Results**

|  |             |
|--|-------------|
| <b>Frequency (MHz)</b>                   | 1745.000000 |
| <b>Relative Permittivity (real part)</b> | 39.602275   |
| <b>Conductivity (S/m)</b>                | 1.371287    |
| <b>Power Variation (%)</b>               | 1.180000    |
| <b>Ambient Temperature</b>               | 21.4        |
| <b>Liquid Temperature</b>                | 21.4        |

**C. SAR Surface and Volume**



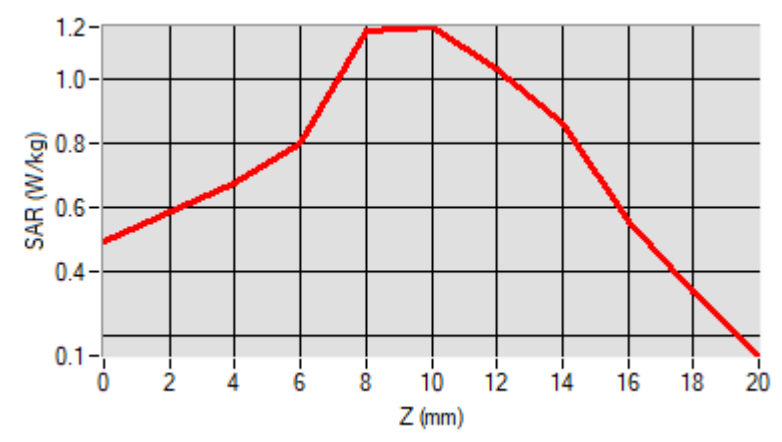
Maximum location: X=-9.00, Y=-1.00

**D. SAR 1g & 10g**

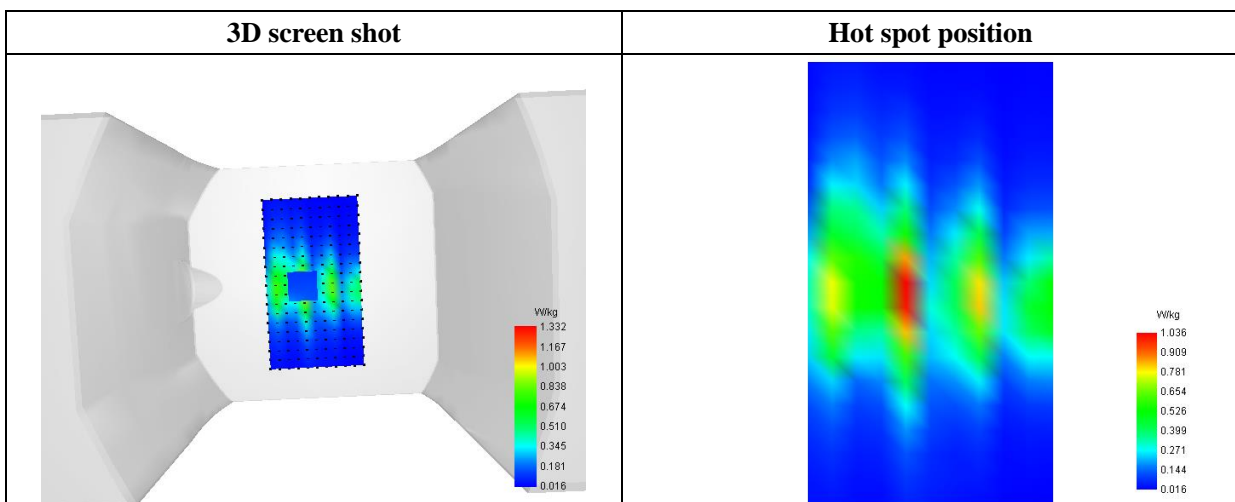
|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.575048 |
| SAR 1g (W/Kg)  | 0.652206 |

**E. Z Axis Scan**

| Z (mm)     | 0.00   | 4.00   | 6.00   | 8.00   | 10.00  | 12.00  | 14.00  | 16.00  | 18.00  |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.4922 | 0.6784 | 0.8039 | 1.1509 | 1.1664 | 1.0340 | 0.8637 | 0.5560 | 0.3344 |



**F. 3D Image**



# MEASUREMENT 6

Type: Phone measurement (Complete)  
 Date of measurement: 2022-08-22  
 Measurement duration: 12 minutes 3 seconds

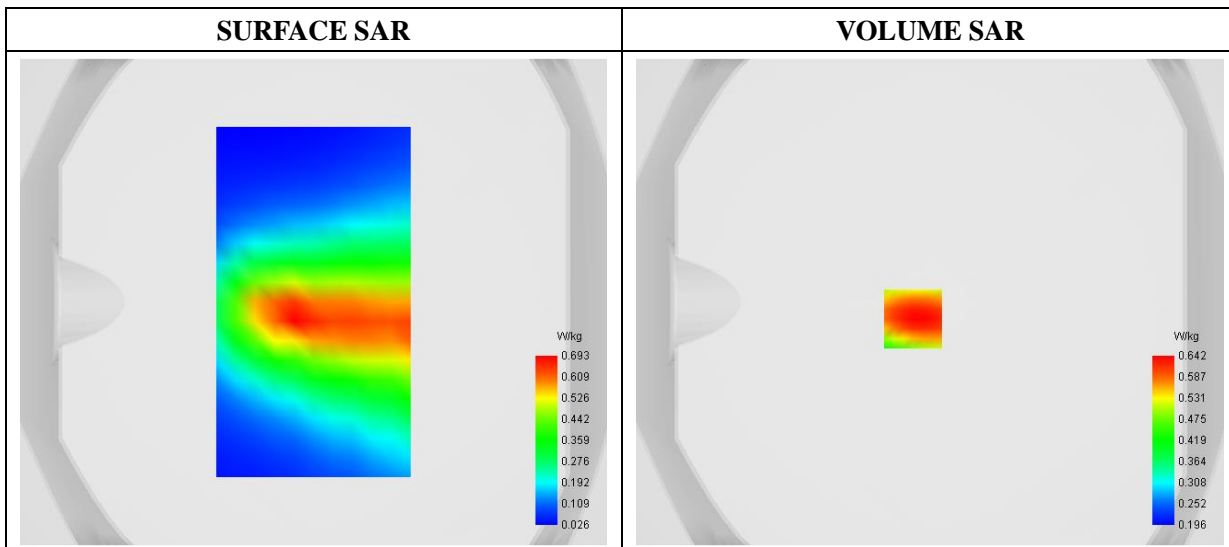
**A. Experimental conditions**

|                        |                          |
|------------------------|--------------------------|
| <b>Area Scan</b>       | dx=8mm dy=8mm            |
| <b>Zoom Scan</b>       | dx=4mm dy=4mm dz=2mm     |
| <b>Phantom</b>         | Flat Plane               |
| <b>Device Position</b> | Front                    |
| <b>Band</b>            | LTE Band 5               |
| <b>Channels</b>        | QPSK, 10MHz, 1RB, Middle |
| <b>Signal</b>          | Duty Cycle 1:1           |

**B. SAR Measurement Results**

|  |            |
|--|------------|
| <b>Frequency (MHz)</b>                   | 836.500000 |
| <b>Relative Permittivity (real part)</b> | 42.162457  |
| <b>Conductivity (S/m)</b>                | 0.881245   |
| <b>Power Variation (%)</b>               | -1.870000  |
| <b>Ambient Temperature</b>               | 21.4       |
| <b>Liquid Temperature</b>                | 21.4       |

**C. SAR Surface and Volume**



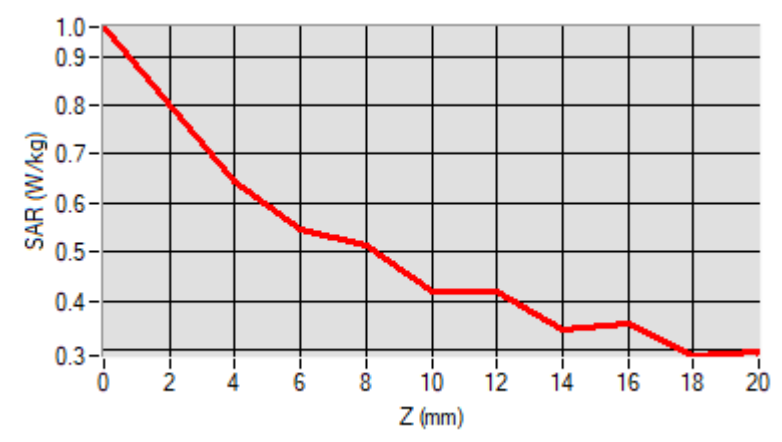
Maximum location: X=-7.00, Y=-7.00

**D. SAR 1g & 10g**

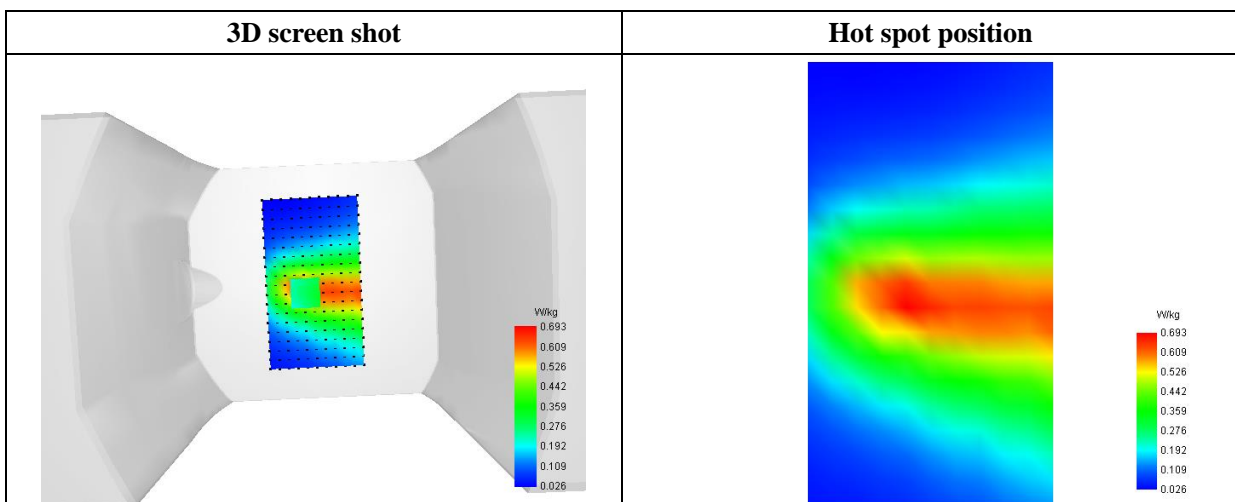
|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.451435 |
| SAR 1g (W/Kg)  | 0.630381 |

**E. Z Axis Scan**

| Z (mm)     | 0.00   | 4.00   | 6.00   | 8.00   | 10.00  | 12.00  | 14.00  | 16.00  | 18.00  |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.9597 | 0.6424 | 0.5443 | 0.5132 | 0.4212 | 0.4212 | 0.3427 | 0.3529 | 0.2883 |



**F. 3D Image**



# MEASUREMENT 7

Type: Phone measurement (Complete)  
 Date of measurement: 2022-08-22  
 Measurement duration: 12 minutes 3 seconds

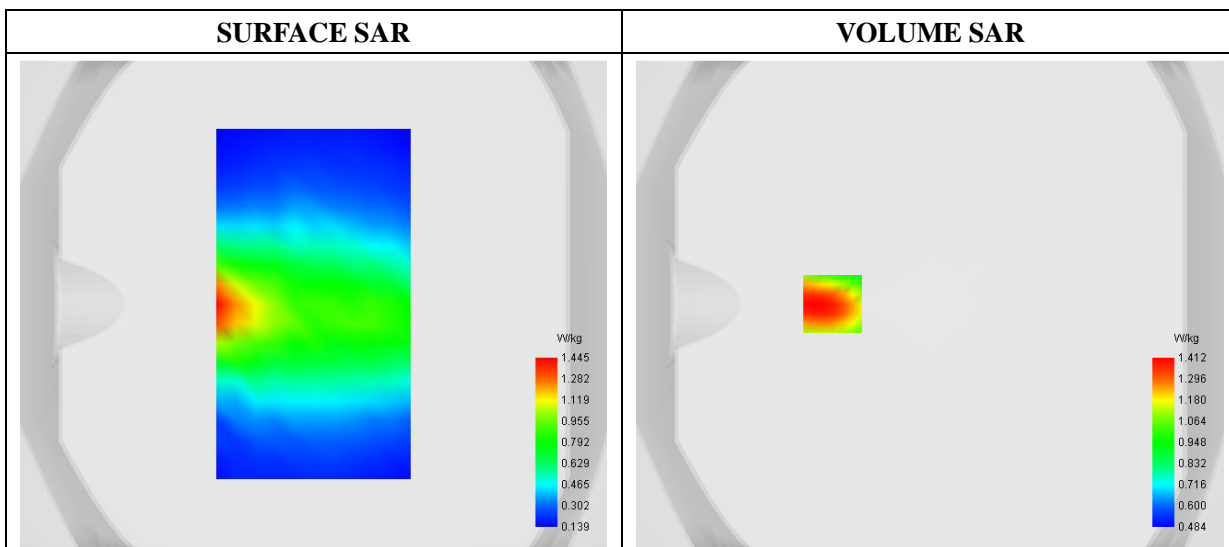
**A. Experimental conditions**

|                        |                       |
|------------------------|-----------------------|
| <b>Area Scan</b>       | dx=8mm dy=8mm         |
| <b>Zoom Scan</b>       | dx=4mm dy=4mm dz=2mm  |
| <b>Phantom</b>         | Flat Plane            |
| <b>Device Position</b> | Front                 |
| <b>Band</b>            | LTE Band 12           |
| <b>Channels</b>        | QPSK, 20MHz, 1RB, Low |
| <b>Signal</b>          | Duty Cycle 1:1        |

**B. SAR Measurement Results**

|  |            |
|--|------------|
| <b>Frequency (MHz)</b>                   | 704.000000 |
| <b>Relative Permittivity (real part)</b> | 40.312667  |
| <b>Conductivity (S/m)</b>                | 0.871827   |
| <b>Power Variation (%)</b>               | -1.700000  |
| <b>Ambient Temperature</b>               | 21.4       |
| <b>Liquid Temperature</b>                | 21.4       |

**C. SAR Surface and Volume**



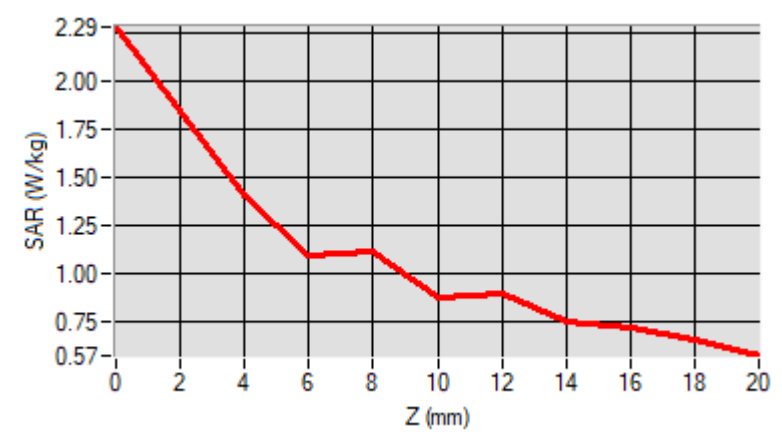
Maximum location: X=-40.00, Y=0.00

**D. SAR 1g & 10g**

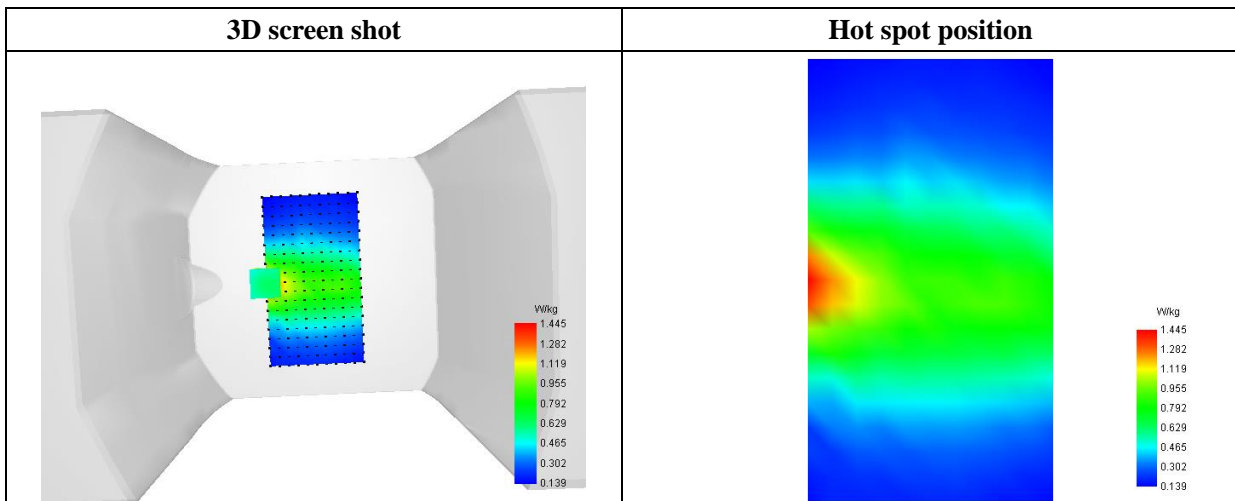
|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.978296 |
| SAR 1g (W/Kg)  | 1.180534 |

**E. Z Axis Scan**

| Z (mm)     | 0.00   | 4.00   | 6.00   | 8.00   | 10.00  | 12.00  | 14.00  | 16.00  | 18.00  |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 2.2862 | 1.4124 | 1.0974 | 1.1197 | 0.8805 | 0.8965 | 0.7488 | 0.7206 | 0.6625 |



**F. 3D Image**





# MEASUREMENT 8

Type: Phone measurement (Complete)  
 Date of measurement: 2022-08-22  
 Measurement duration: 12 minutes 3 seconds

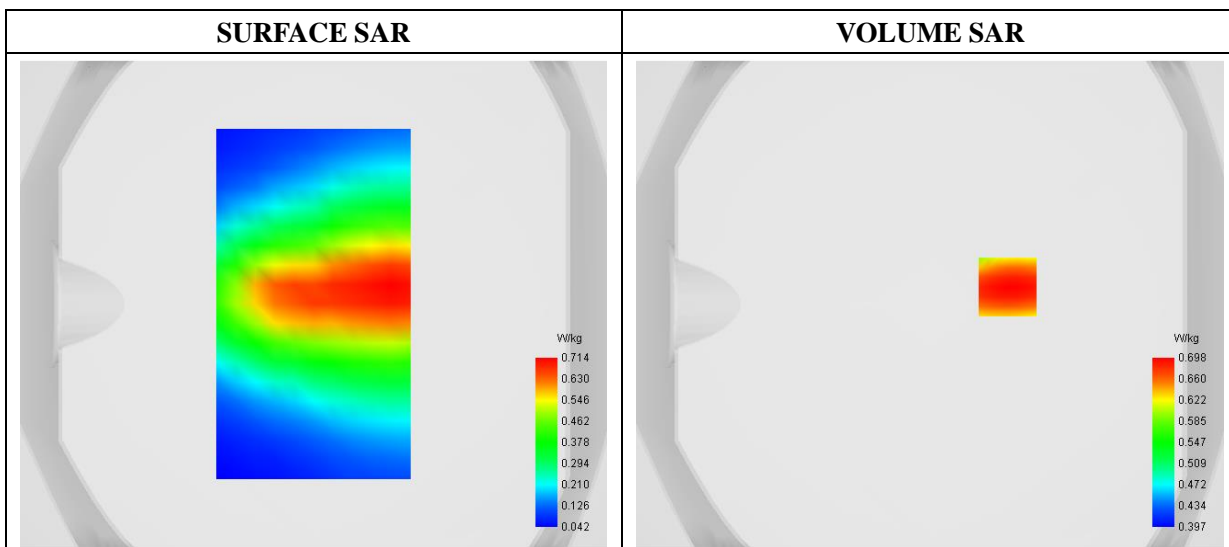
**A. Experimental conditions**

|                        |                          |
|------------------------|--------------------------|
| <b>Area Scan</b>       | dx=8mm dy=8mm            |
| <b>Zoom Scan</b>       | dx=4mm dy=4mm dz=2mm     |
| <b>Phantom</b>         | Flat Plane               |
| <b>Device Position</b> | Front                    |
| <b>Band</b>            | LTE Band 13              |
| <b>Channels</b>        | QPSK, 10MHz, 1RB, Middle |
| <b>Signal</b>          | Duty Cycle 1:1           |

**B. SAR Measurement Results**

|  |            |
|--|------------|
| <b>Frequency (MHz)</b>                   | 782.000000 |
| <b>Relative Permittivity (real part)</b> | 40.310866  |
| <b>Conductivity (S/m)</b>                | 0.872696   |
| <b>Power Variation (%)</b>               | -2.050000  |
| <b>Ambient Temperature</b>               | 21.4       |
| <b>Liquid Temperature</b>                | 21.4       |

**C. SAR Surface and Volume**



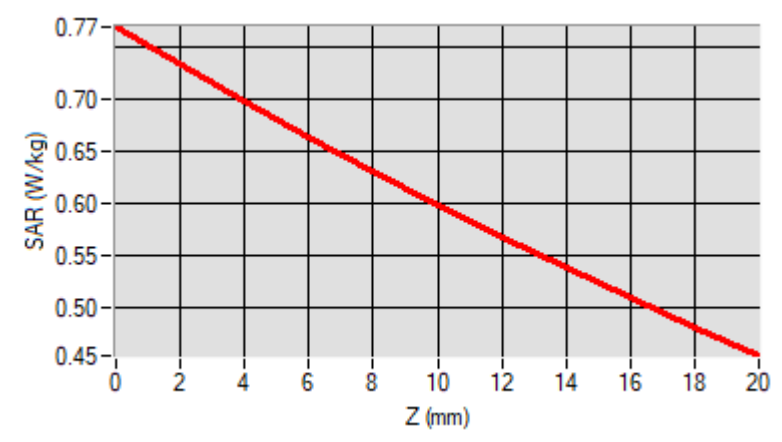
Maximum location: X=32.00, Y=7.00

**D. SAR 1g & 10g**

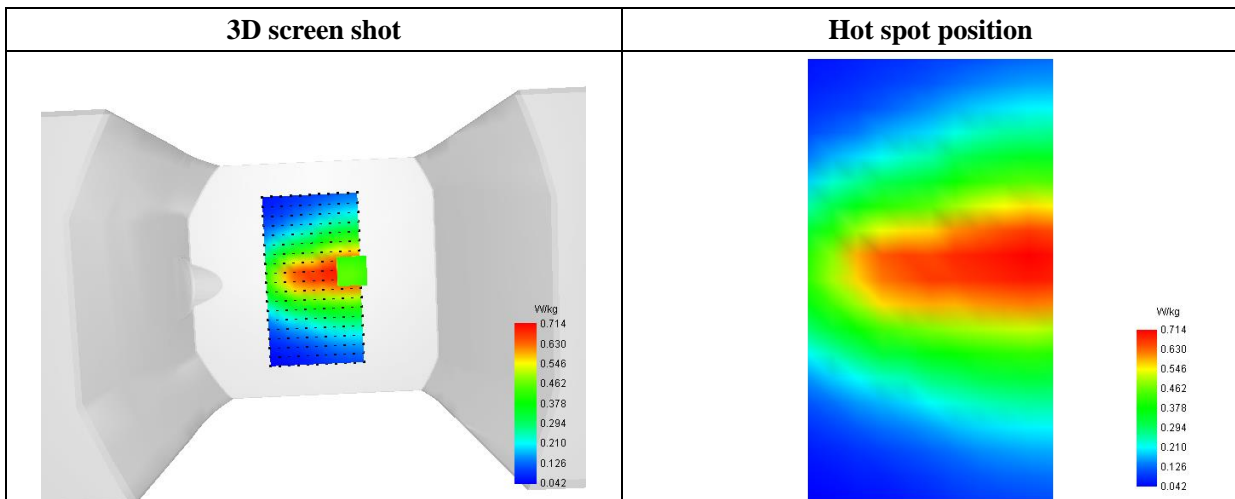
|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.576775 |
| SAR 1g (W/Kg)  | 0.684919 |

**E. Z Axis Scan**

| Z (mm)     | 0.00   | 4.00   | 6.00   | 8.00   | 10.00  | 12.00  | 14.00  | 16.00  | 18.00  |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.7696 | 0.6975 | 0.6634 | 0.6304 | 0.5985 | 0.5678 | 0.5380 | 0.5091 | 0.4812 |



**F. 3D Image**



# MEASUREMENT 9

Type: Phone measurement (Complete)  
 Date of measurement: 2022-08-22  
 Measurement duration: 12 minutes 3 seconds

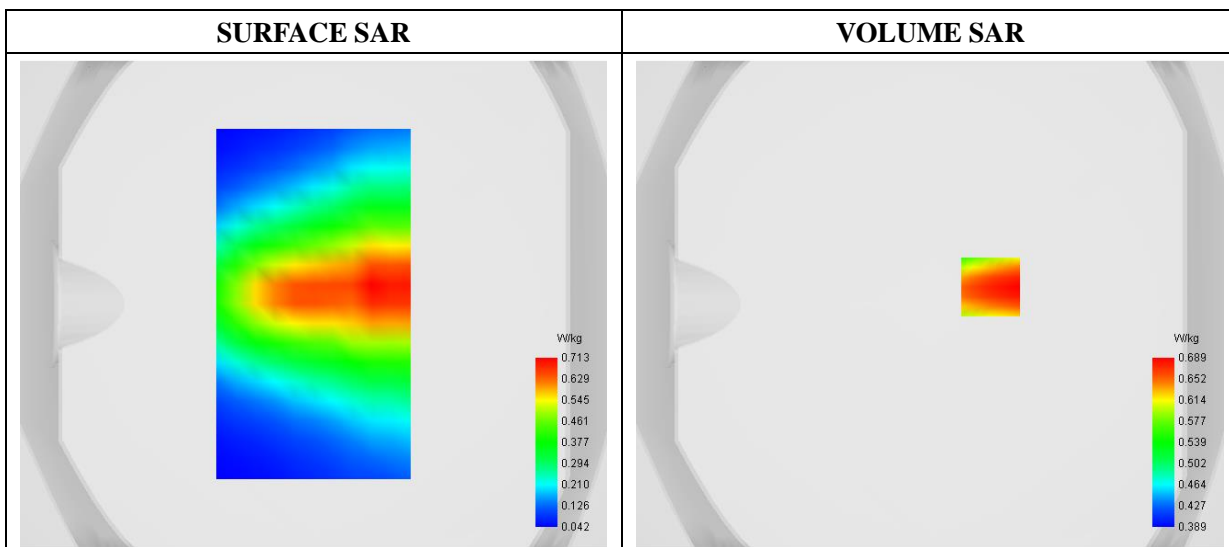
**A. Experimental conditions**

|                        |                          |
|------------------------|--------------------------|
| <b>Area Scan</b>       | dx=8mm dy=8mm            |
| <b>Zoom Scan</b>       | dx=4mm dy=4mm dz=2mm     |
| <b>Phantom</b>         | Flat Plane               |
| <b>Device Position</b> | Front                    |
| <b>Band</b>            | LTE Band 14              |
| <b>Channels</b>        | QPSK, 10MHz, 1RB, Middle |
| <b>Signal</b>          | Duty Cycle 1:1           |

**B. SAR Measurement Results**

|  |            |
|--|------------|
| <b>Frequency (MHz)</b>                   | 793.000000 |
| <b>Relative Permittivity (real part)</b> | 40.313664  |
| <b>Conductivity (S/m)</b>                | 0.873696   |
| <b>Power Variation (%)</b>               | -1.050000  |
| <b>Ambient Temperature</b>               | 21.4       |
| <b>Liquid Temperature</b>                | 21.4       |

**C. SAR Surface and Volume**



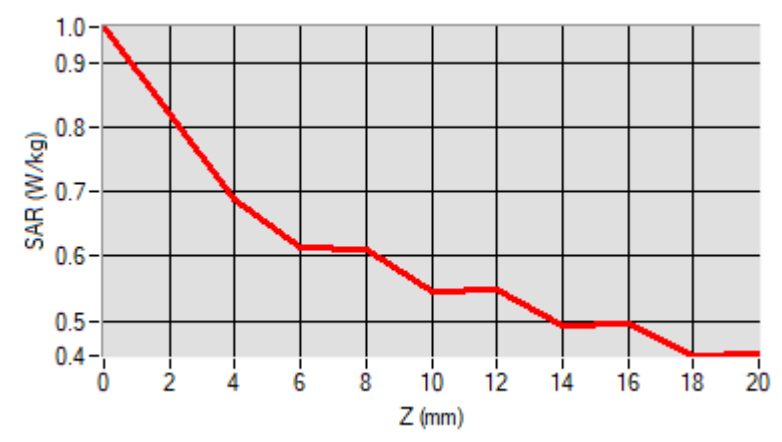
Maximum location: X=25.00, Y=7.00

**D. SAR 1g & 10g**

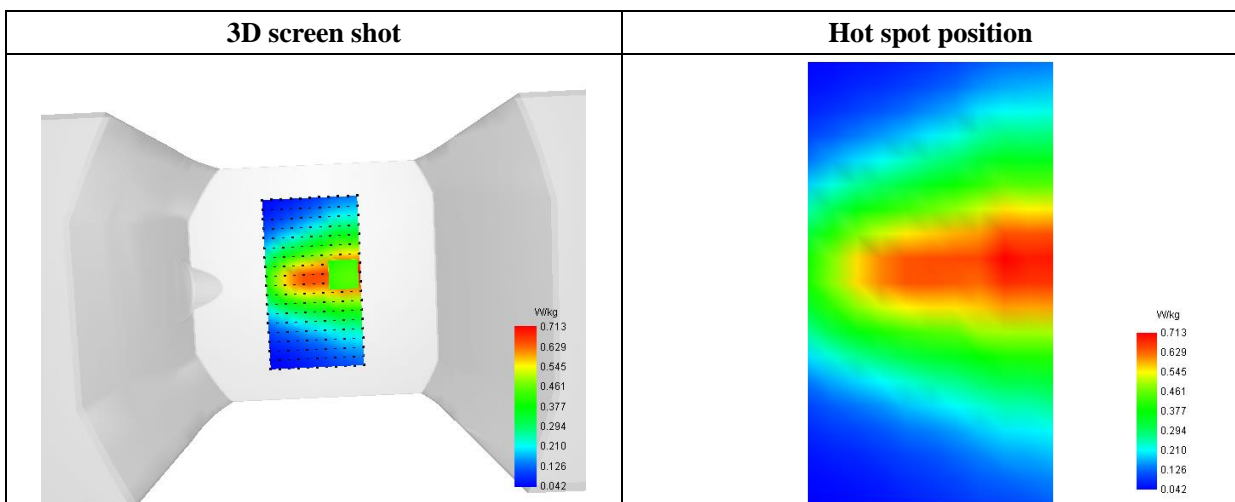
|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.560177 |
| SAR 1g (W/Kg)  | 0.670643 |

**E. Z Axis Scan**

| Z (mm)     | 0.00   | 4.00   | 6.00   | 8.00   | 10.00  | 12.00  | 14.00  | 16.00  | 18.00  |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.9560 | 0.6892 | 0.6138 | 0.6120 | 0.5469 | 0.5492 | 0.4926 | 0.4965 | 0.4460 |



**F. 3D Image**



# MEASUREMENT 10

Type: Phone measurement (Complete)  
 Date of measurement: 2022-08-22  
 Measurement duration: 12 minutes 3 seconds

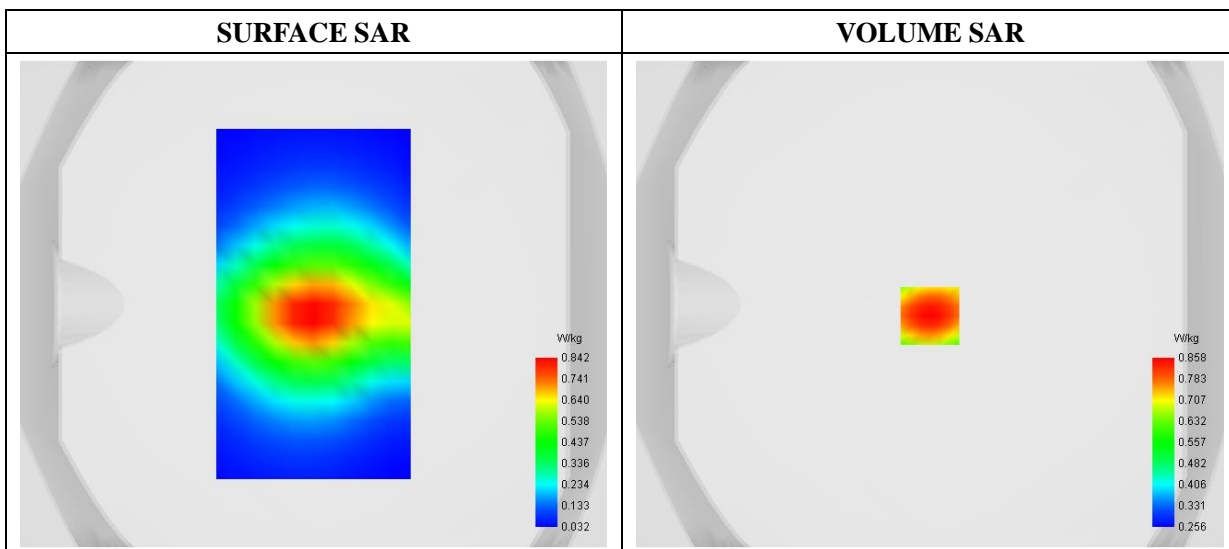
**A. Experimental conditions**

|                        |                          |
|------------------------|--------------------------|
| <b>Area Scan</b>       | dx=8mm dy=8mm            |
| <b>Zoom Scan</b>       | dx=4mm dy=4mm dz=2mm     |
| <b>Phantom</b>         | Flat Plane               |
| <b>Device Position</b> | Front                    |
| <b>Band</b>            | LTE Band 66              |
| <b>Channels</b>        | QPSK, 10MHz, 1RB, Middle |
| <b>Signal</b>          | Duty Cycle 1:1           |

**B. SAR Measurement Results**

|  |             |
|--|-------------|
| <b>Frequency (MHz)</b>                   | 1745.000000 |
| <b>Relative Permittivity (real part)</b> | 39.6028684  |
| <b>Conductivity (S/m)</b>                | 1.373696    |
| <b>Power Variation (%)</b>               | -1.850000   |
| <b>Ambient Temperature</b>               | 21.4        |
| <b>Liquid Temperature</b>                | 21.4        |

**C. SAR Surface and Volume**



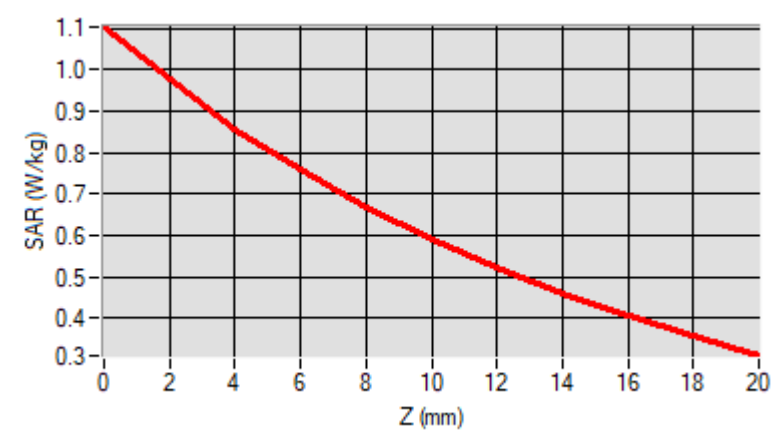
Maximum location: X=0.00, Y=-5.00

**D. SAR 1g & 10g**

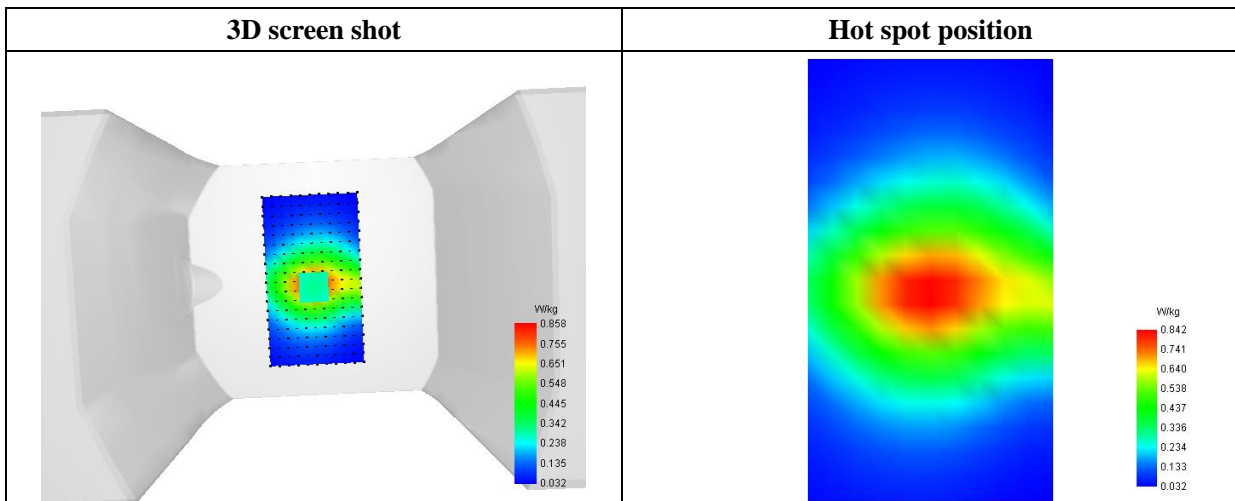
|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.562452 |
| SAR 1g (W/Kg)  | 0.715407 |

**E. Z Axis Scan**

| Z (mm)     | 0.00   | 4.00   | 6.00   | 8.00   | 10.00  | 12.00  | 14.00  | 16.00  | 18.00  |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 1.1024 | 0.8580 | 0.7579 | 0.6694 | 0.5918 | 0.5231 | 0.4618 | 0.4066 | 0.3563 |



**F. 3D Image**



# MEASUREMENT 11

Type: Phone measurement (Complete)  
 Date of measurement: 2022-08-22  
 Measurement duration: 12 minutes 3 seconds

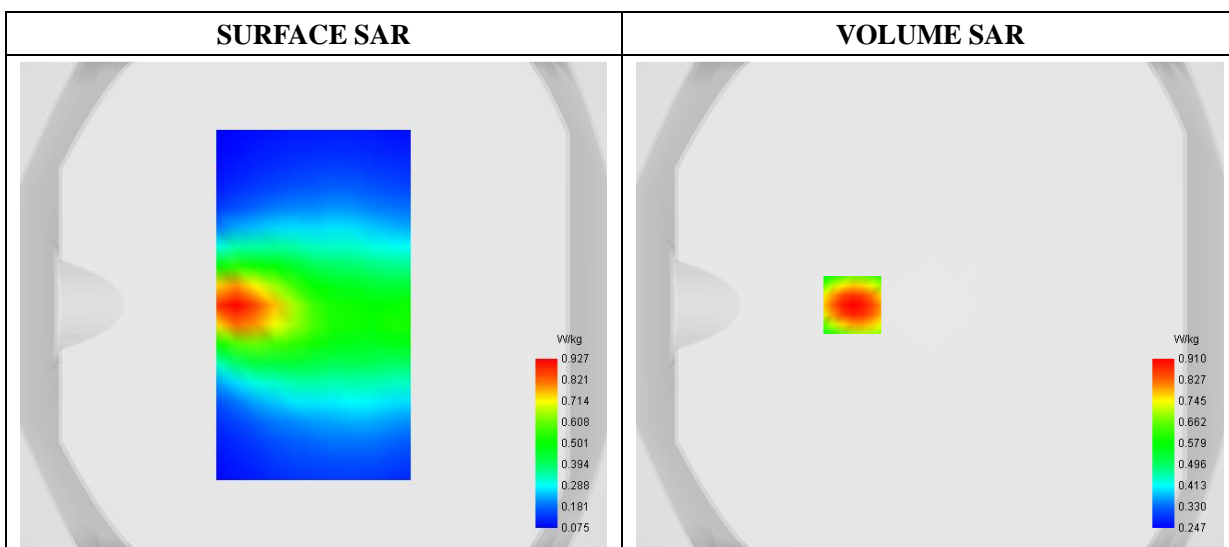
### A. Experimental conditions

|                        |                       |
|------------------------|-----------------------|
| <b>Area Scan</b>       | dx=8mm dy=8mm         |
| <b>Zoom Scan</b>       | dx=4mm dy=4mm dz=2mm  |
| <b>Phantom</b>         | Flat Plane            |
| <b>Device Position</b> | Front                 |
| <b>Band</b>            | LTE Band 71           |
| <b>Channels</b>        | QPSK, 10MHz, 1RB, Low |
| <b>Signal</b>          | Duty Cycle 1:1        |

### B. SAR Measurement Results

|  |            |
|--|------------|
| <b>Frequency (MHz)</b>                   | 673.000000 |
| <b>Relative Permittivity (real part)</b> | 40.3125666 |
| <b>Conductivity (S/m)</b>                | 0.871269   |
| <b>Power Variation (%)</b>               | -1.550000  |
| <b>Ambient Temperature</b>               | 21.4       |
| <b>Liquid Temperature</b>                | 21.4       |

### C. SAR Surface and Volume



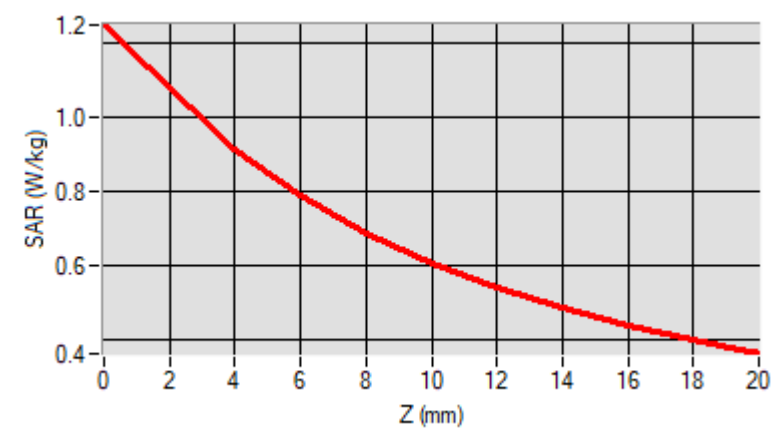
**Maximum location: X=-32.00, Y=0.00**

**D. SAR 1g & 10g**

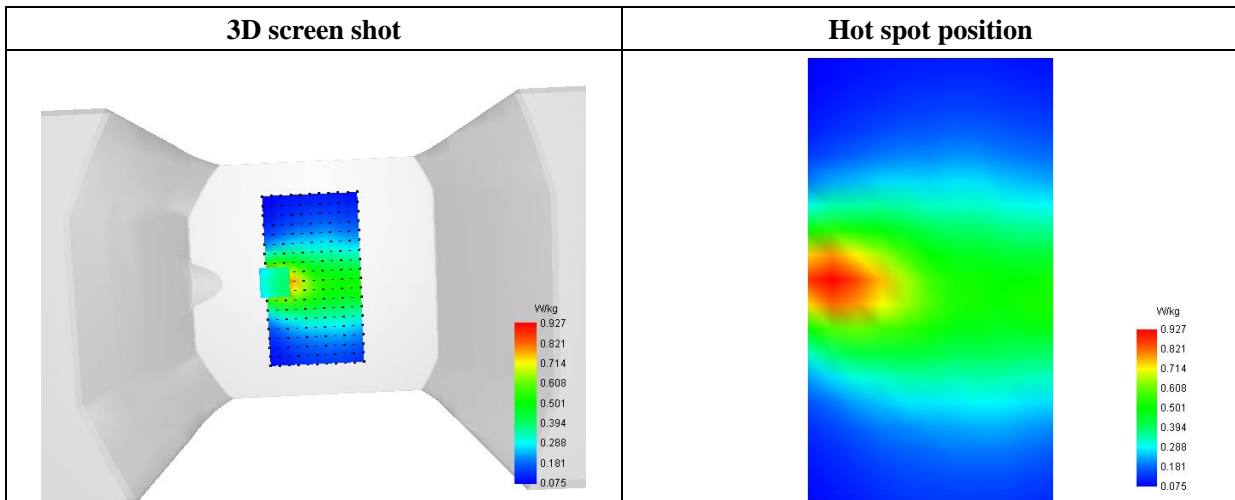
|                       |                 |
|-----------------------|-----------------|
| <b>SAR 10g (W/Kg)</b> | <b>0.609274</b> |
| <b>SAR 1g (W/Kg)</b>  | <b>0.748551</b> |

**E. Z Axis Scan**

| <b>Z (mm)</b>     | <b>0.00</b>   | <b>4.00</b>   | <b>6.00</b>   | <b>8.00</b>   | <b>10.00</b>  | <b>12.00</b>  | <b>14.00</b>  | <b>16.00</b>  | <b>18.00</b>  |
|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>SAR (W/Kg)</b> | <b>1.2458</b> | <b>0.9103</b> | <b>0.7872</b> | <b>0.6862</b> | <b>0.6052</b> | <b>0.5396</b> | <b>0.4856</b> | <b>0.4401</b> | <b>0.4003</b> |



**F. 3D Image**





# MEASUREMENT 12

Type: Phone measurement (Complete)  
 Date of measurement: 2022-08-21  
 Measurement duration: 12 minutes 3 seconds

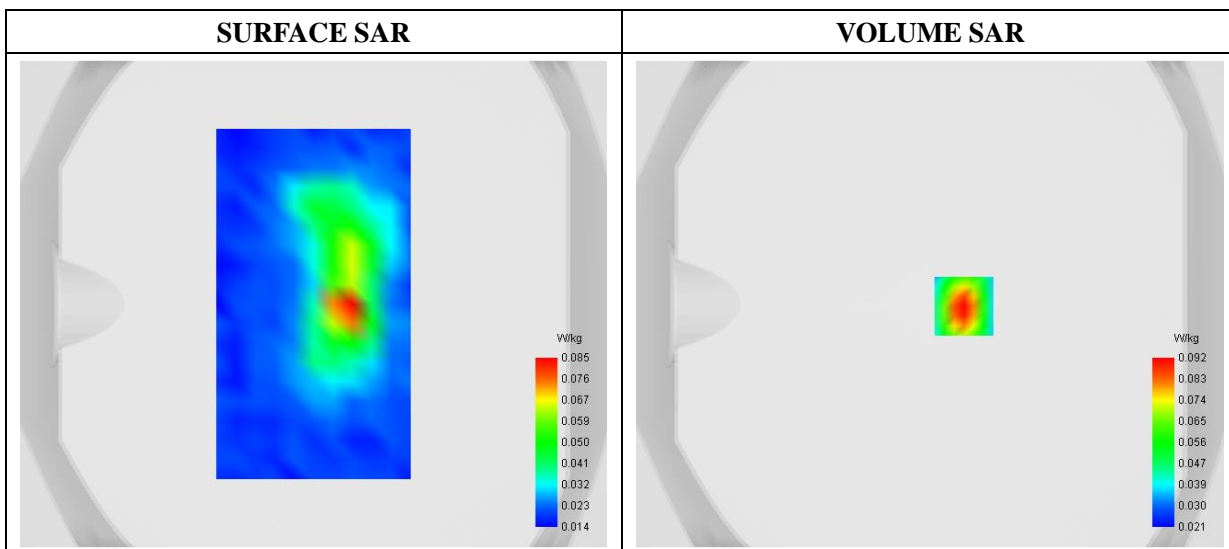
**A. Experimental conditions**

|                        |                      |
|------------------------|----------------------|
| <b>Area Scan</b>       | dx=8mm dy=8mm        |
| <b>Zoom Scan</b>       | dx=4mm dy=4mm dz=2mm |
| <b>Phantom</b>         | Flat Plane           |
| <b>Device Position</b> | Right                |
| <b>Band</b>            | WiFi(2.4GHz)_802.11b |
| <b>Channels</b>        | Low                  |
| <b>Signal</b>          | Duty Cycle: 1:1      |

**B. SAR Measurement Results**

|  |             |
|--|-------------|
| <b>Frequency (MHz)</b>                   | 2412.000000 |
| <b>Relative Permittivity (real part)</b> | 38.591835   |
| <b>Conductivity (S/m)</b>                | 1.774129    |
| <b>Power Variation (%)</b>               | 3.200514    |
| <b>Ambient Temperature</b>               | 21.4        |
| <b>Liquid Temperature</b>                | 21.4        |

**C. SAR Surface and Volume**



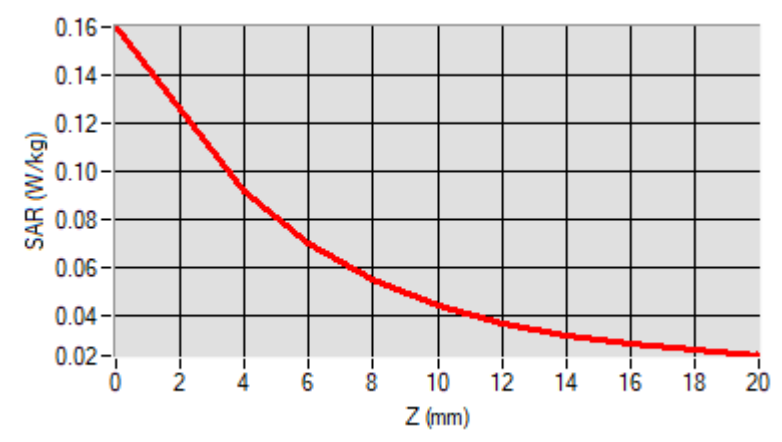
Maximum location: X=14.00, Y=-1.00

**D. SAR 1g & 10g**

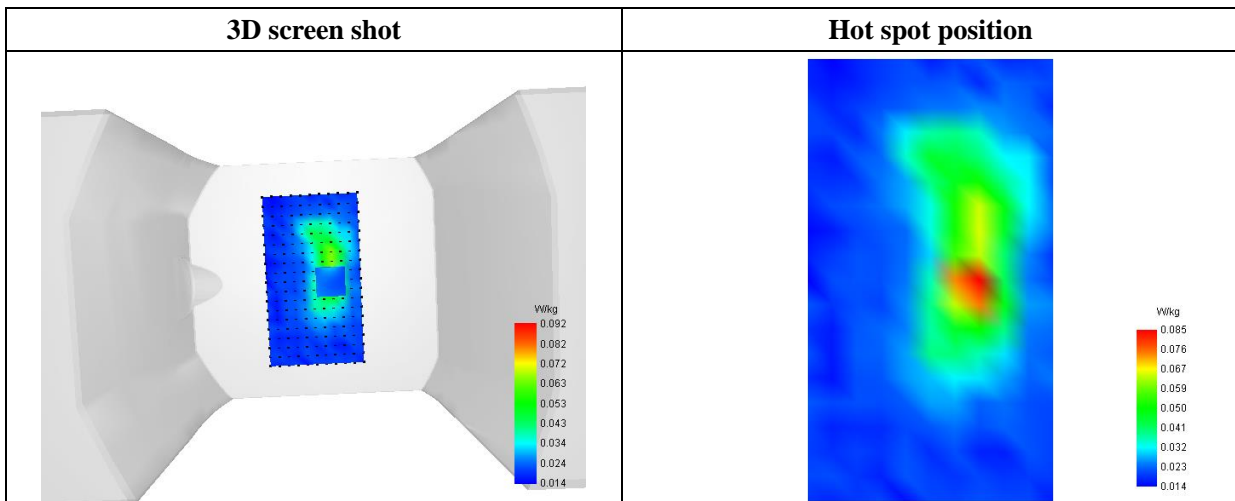
|                |          |
|----------------|----------|
| SAR 10g (W/Kg) | 0.046285 |
| SAR 1g (W/Kg)  | 0.083904 |

**E. Z Axis Scan**

| Z (mm)     | 0.00   | 4.00   | 6.00   | 8.00   | 10.00  | 12.00  | 14.00  | 16.00  | 18.00  |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.1603 | 0.0917 | 0.0701 | 0.0545 | 0.0437 | 0.0364 | 0.0313 | 0.0278 | 0.0252 |



**F. 3D Image**



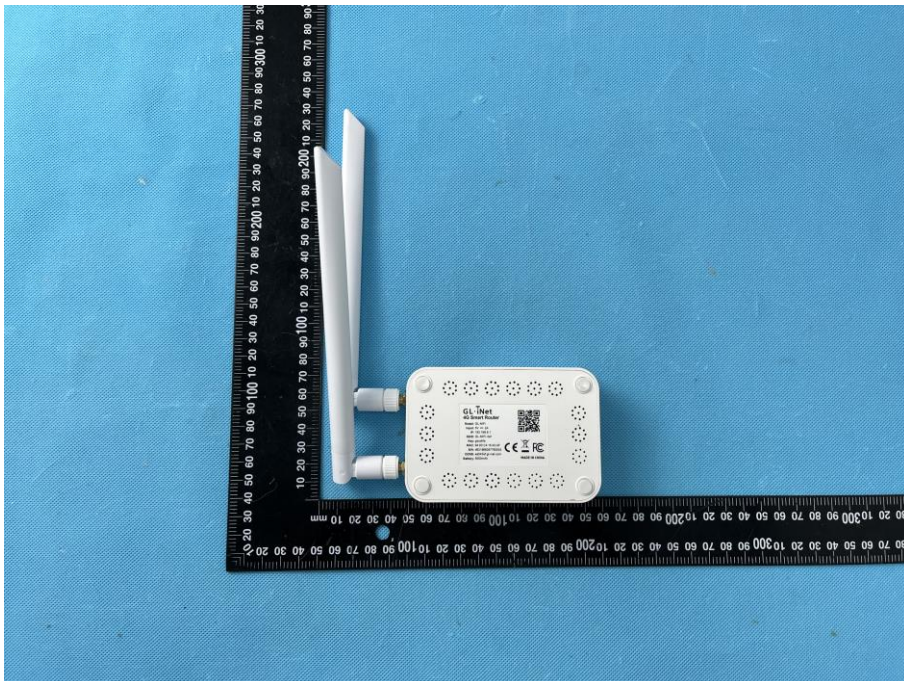
## Annex C. EUT Photos

---

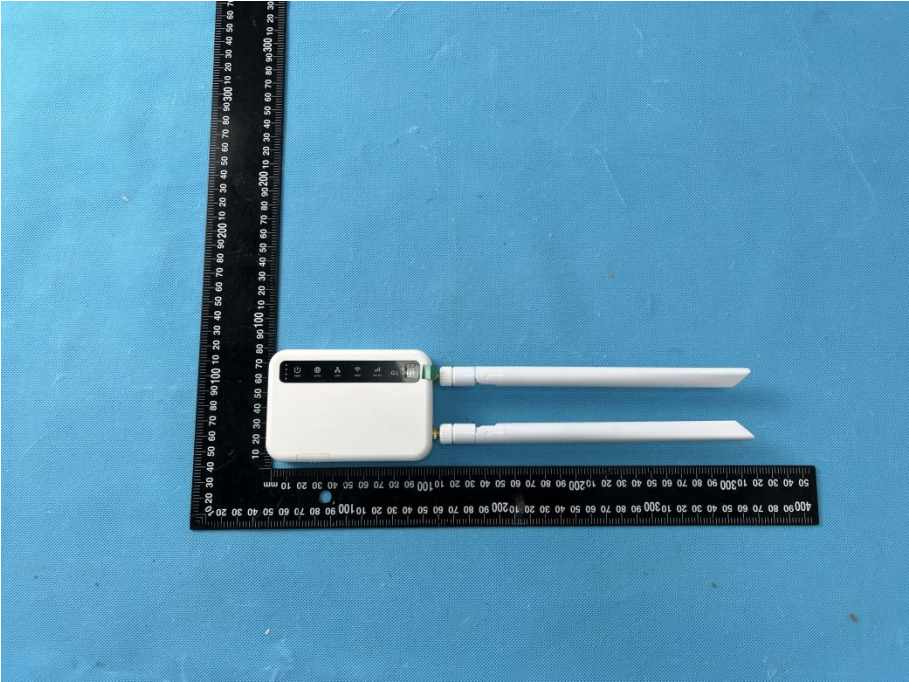
### EUT View 1



### EUT View 2



**EUT View 3**



**EUT View 4**

