

Appendix B

LTE B2
LTE B5
LTE B12
LTE B13
LTE B14
LTE B30
LTE B41
LTE B48
LTE B66
LTE B71
n2
n5
n14
n41
n66
n71
n77

Test Laboratory: TOWE Lab**LTE Band 2 20M QPSK 1RB50 18900CH Left side 5mm Ant 0****DUT: TD0211; Type: 5G DONGLE; Serial: 862513050026599**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.373$ S/m; $\epsilon_r = 40.298$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(7.8, 7.31, 7.26) @ 1880 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (6x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.699 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.99 V/m; Power Drift = 0.03 dB

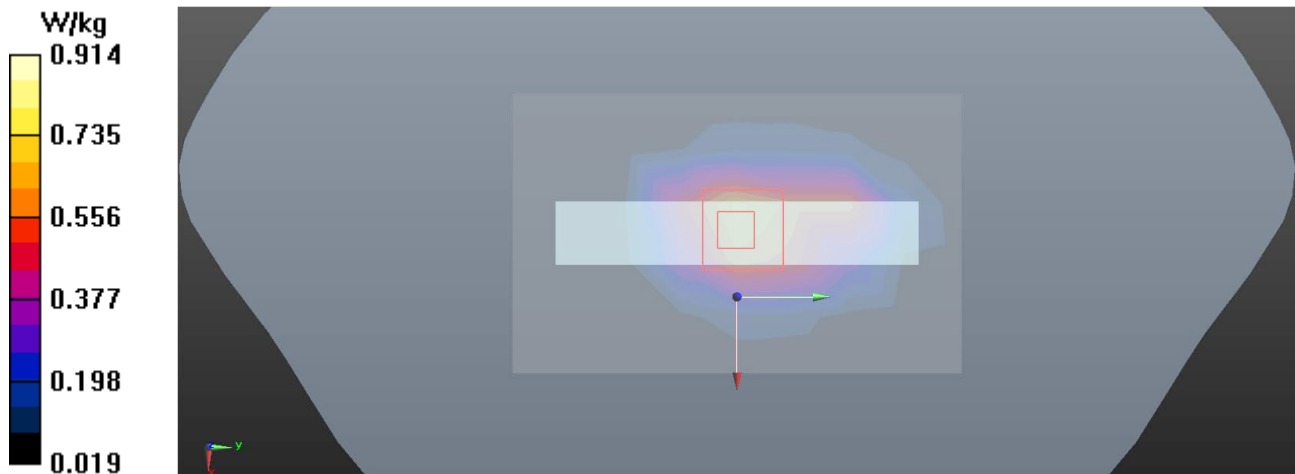
Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.639 W/kg; SAR(10 g) = 0.350 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 61.6%

Maximum value of SAR (measured) = 0.914 W/kg



Test Laboratory: TOWE Lab**LTE Band 5 10M QPSK 1RB25 20525CH Front side 5mm Ant 3****DUT: TD0211; Type: 5G DONGLE; Serial: 862513050026599**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 836.5 MHz

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.897$ S/m; $\epsilon_r = 42.49$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(9.08, 8.64, 8.81) @ 836.5 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (7x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.746 W/kg

Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.95 V/m; Power Drift = -0.00 dB

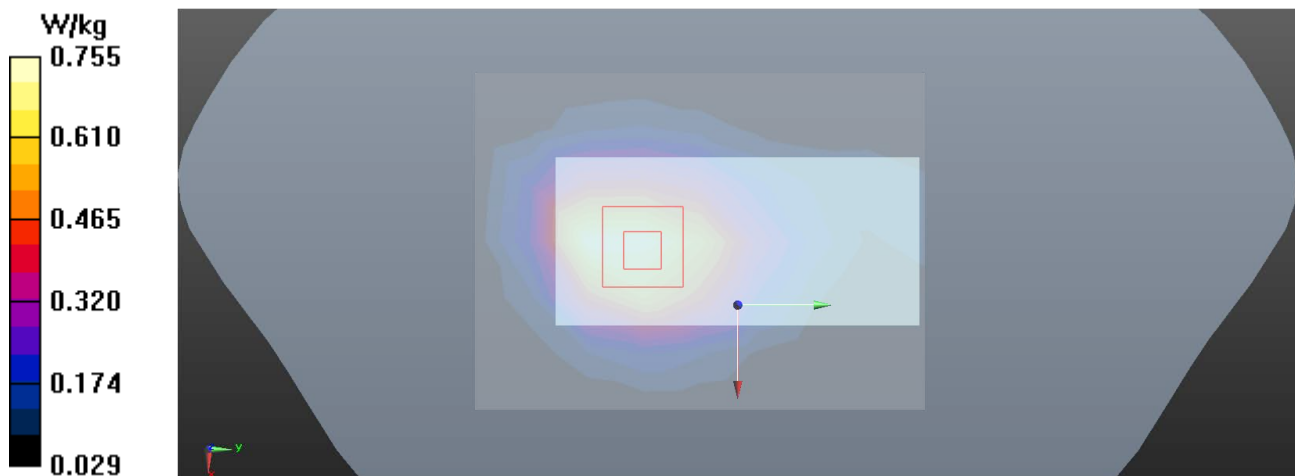
Peak SAR (extrapolated) = 0.870 W/kg

SAR(1 g) = 0.577 W/kg; SAR(10 g) = 0.376 W/kg

Smallest distance from peaks to all points 3 dB below = 16.5 mm

Ratio of SAR at M2 to SAR at M1 = 68.2%

Maximum value of SAR (measured) = 0.755 W/kg



Test Laboratory: TOWE Lab**LTE Band 12 10M QPSK 1RB25 23095CH Front side 5mm Ant 3****DUT: TD0211; Type: 5G DONGLE; Serial: 862513050026599**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 707.5 MHz

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 42.592$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(9.47, 8.79, 8.85) @ 707.5 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (7x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.705 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

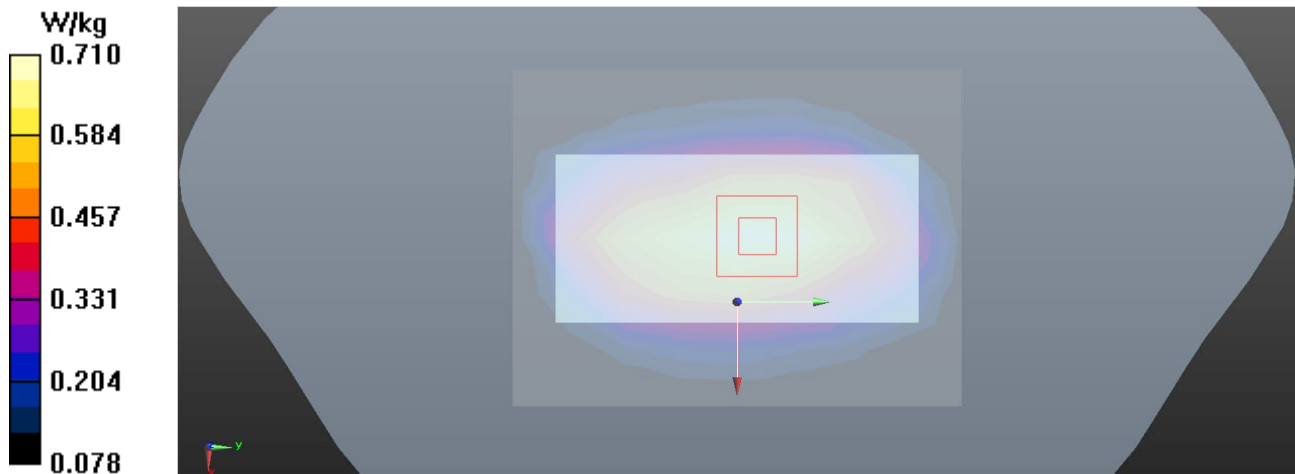
Reference Value = 26.11 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.776 W/kg

SAR(1 g) = 0.576 W/kg; SAR(10 g) = 0.410 W/kgSmallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)

Ratio of SAR at M2 to SAR at M1 = 74.5%

Maximum value of SAR (measured) = 0.710 W/kg



Test Laboratory: TOWE Lab**LTE Band 13 10M QPSK 1RB25 23230CH Front side 5mm Ant 3****DUT: TD0211; Type: 5G DONGLE; Serial: 862513050026599**

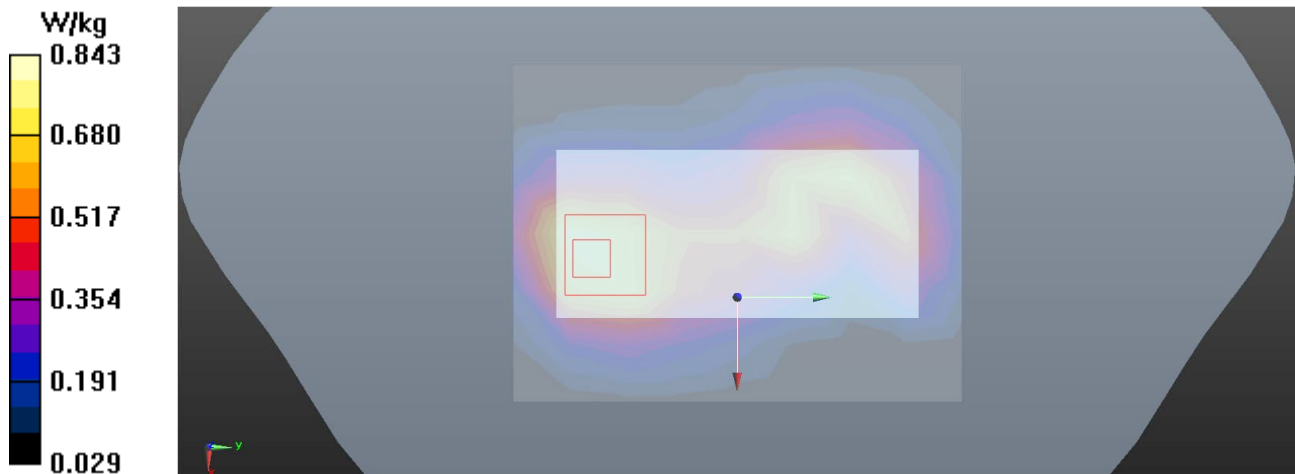
Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 782 MHz

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.921 \text{ S/m}$; $\epsilon_r = 42.037$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(9.47, 8.79, 8.85) @ 782 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (7x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.785 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 22.40 V/m ; Power Drift = 0.06 dB Peak SAR (extrapolated) = 1.04 W/kg **SAR(1 g) = 0.615 W/kg ; SAR(10 g) = 0.386 W/kg** Smallest distance from peaks to all points 3 dB below = 11.5 mm Ratio of SAR at M2 to SAR at M1 = 62.4% Maximum value of SAR (measured) = 0.843 W/kg 

Test Laboratory: TOWE Lab**LTE Band 14 10M QPSK 1RB25 23330CH Front side 5mm Ant 3****DUT: TD0211; Type: 5G DONGLE; Serial: 862513050026599**

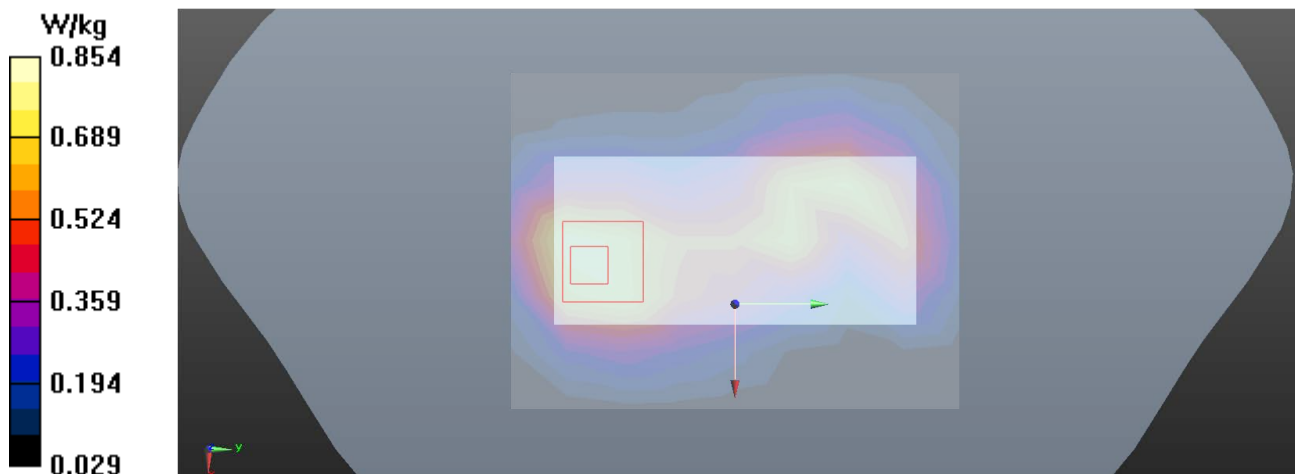
Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 793 MHz

Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.93 \text{ S/m}$; $\epsilon_r = 41.987$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(9.47, 8.79, 8.85) @ 793 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (7x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.795 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 22.44 V/m ; Power Drift = 0.06 dB Peak SAR (extrapolated) = 1.05 W/kg **SAR(1 g) = 0.623 W/kg ; SAR(10 g) = 0.391 W/kg** Smallest distance from peaks to all points 3 dB below = 11.5 mm Ratio of SAR at M2 to SAR at M1 = 62.4% Maximum value of SAR (measured) = 0.854 W/kg 

Test Laboratory: TOWE Lab**LTE Band 30 10M QPSK 1RB25 27710CH Left side 5mm Ant 0****DUT: TD0211; Type: 5G DONGLE; Serial: 862513050026599**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 2310 MHz

Medium parameters used: $f = 2310$ MHz; $\sigma = 1.676$ S/m; $\epsilon_r = 40.074$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(7.52, 7.03, 7.01) @ 2310 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (6x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.937 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.94 V/m; Power Drift = -0.01 dB

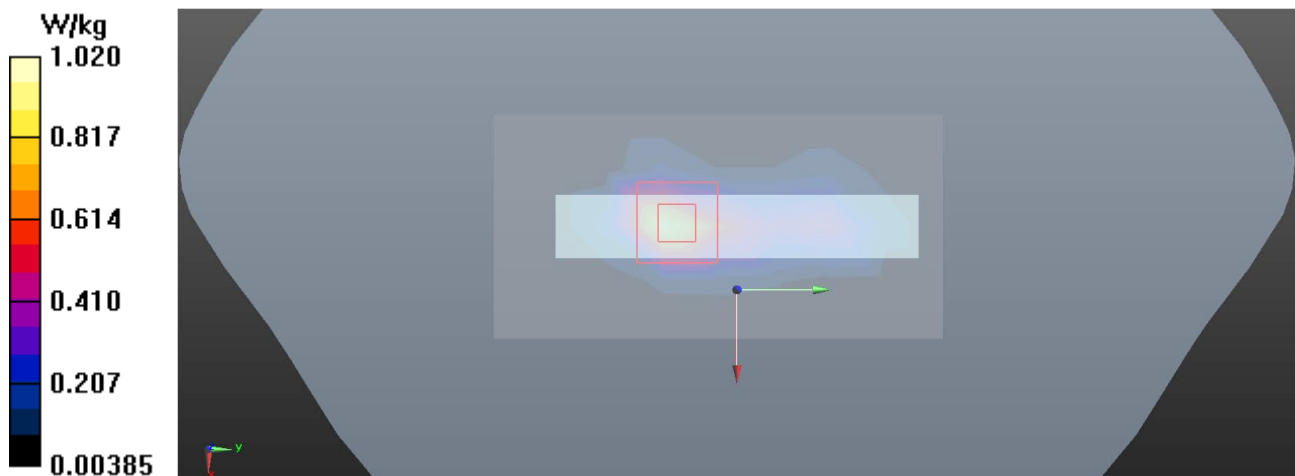
Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.626 W/kg; SAR(10 g) = 0.274 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 51.4%

Maximum value of SAR (measured) = 1.02 W/kg



Test Laboratory: TOWE Lab**LTE Band 41 20M QPSK 1RB50 41055CH Left side 5mm Ant 0****DUT: TD0211; Type: 5G DONGLE; Serial: 862513050026599**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2636.5 MHz

Medium parameters used (interpolated): $f = 2636.5$ MHz; $\sigma = 1.977$ S/m; $\epsilon_r = 39.296$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(7.23, 6.7, 6.74) @ 2636.5 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (5x10x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.66 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.376 V/m; Power Drift = 0.19 dB

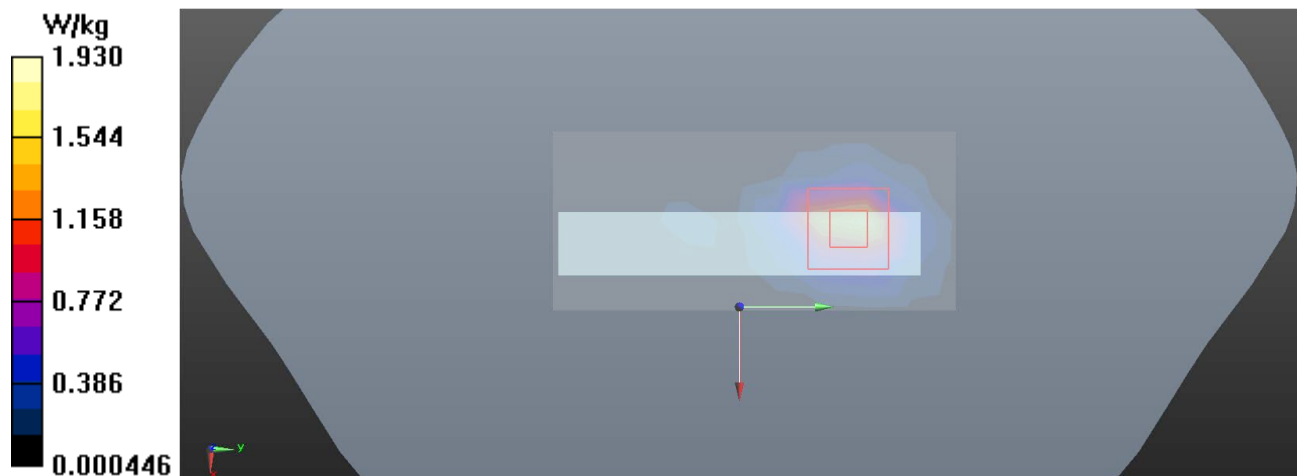
Peak SAR (extrapolated) = 2.46 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.449 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 45.4%

Maximum value of SAR (measured) = 1.93 W/kg



Test Laboratory: TOWE Lab**LTE Band 48 20M QPSK 1RB50 56207CH Front side 5mm Ant 0****DUT: TD0211; Type: 5G DONGLE; Serial: 862513050026599**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 3646.7 MHz

Medium parameters used: $f = 3647$ MHz; $\sigma = 3.083$ S/m; $\epsilon_r = 38.088$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(6.69, 6.18, 6.19) @ 3646.7 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (7x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.435 W/kg

Zoom Scan (7x7x5)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 5.324 V/m; Power Drift = 0.14 dB

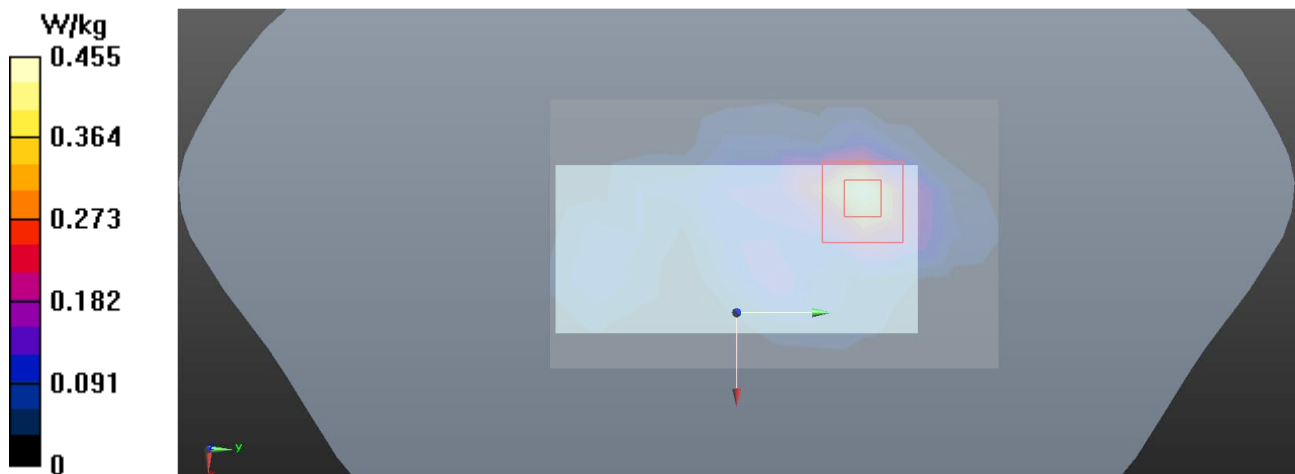
Peak SAR (extrapolated) = 0.599 W/kg

SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.092 W/kg

Smallest distance from peaks to all points 3 dB below = 9.2 mm

Ratio of SAR at M2 to SAR at M1 = 57.4%

Maximum value of SAR (measured) = 0.455 W/kg



Test Laboratory: TOWE Lab**LTE Band 66 20M QPSK 50RB25 132322CH Left side 5mm Ant 0****DUT: TD0211; Type: 5G DONGLE; Serial: 862513050026599**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1745 MHz

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 41.518$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(7.98, 7.5, 7.4) @ 1745 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (5x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.880 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.46 V/m; Power Drift = 0.07 dB

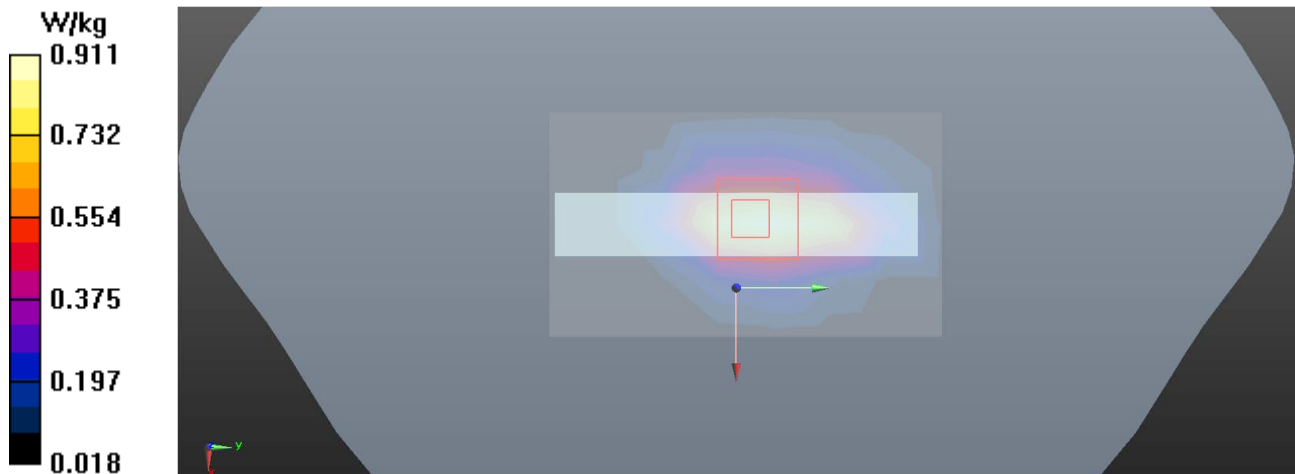
Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.634 W/kg; SAR(10 g) = 0.358 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 60.7%

Maximum value of SAR (measured) = 0.911 W/kg



Test Laboratory: TOWE Lab**LTE Band 71 20M QPSK 1RB50 133222CH Front side 5mm Ant 3****DUT: TD0211; Type: 5G DONGLE; Serial: 862513050026599**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 673 MHz

Medium parameters used: $f = 673$ MHz; $\sigma = 0.876$ S/m; $\epsilon_r = 42.61$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(9.47, 8.79, 8.85) @ 673 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (7x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.08 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 32.25 V/m; Power Drift = 0.12 dB

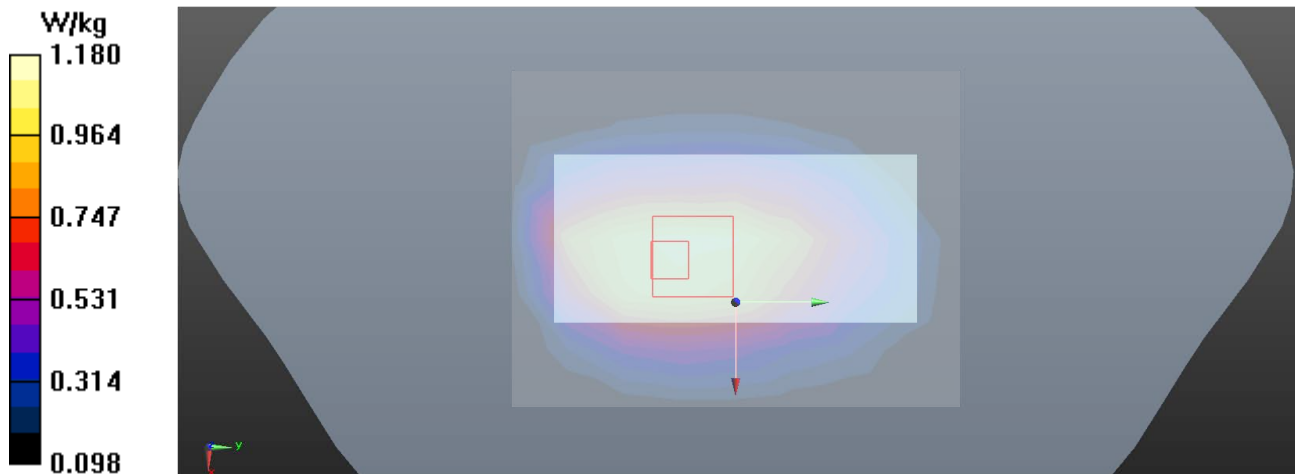
Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.920 W/kg; SAR(10 g) = 0.651 W/kg

Smallest distance from peaks to all points 3 dB below = 20.8 mm

Ratio of SAR at M2 to SAR at M1 = 69.5%

Maximum value of SAR (measured) = 1.18 W/kg



Test Laboratory: TOWE Lab**N2 20M QPSK 1RB1 376000CH Left side 5mm Ant 0****DUT: TD0211; Type: 5G DONGLE; Serial: 862513050026748**

Communication System: UID 0, NR (0); Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.373$ S/m; $\epsilon_r = 40.298$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(7.8, 7.31, 7.26) @ 1880 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (5x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.827 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.86 V/m; Power Drift = 0.15 dB

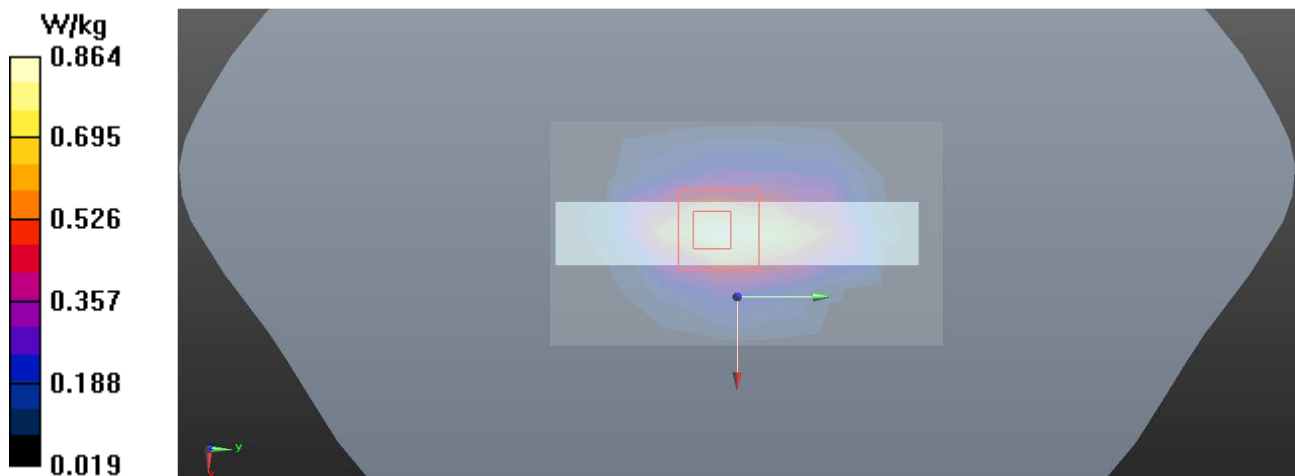
Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.604 W/kg; SAR(10 g) = 0.328 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 61%

Maximum value of SAR (measured) = 0.864 W/kg



Test Laboratory: TOWE Lab**N5 20M QPSK 50RB28 167300CH Back side 5mm Ant 0****DUT: TD0211; Type: 5G DONGLE; Serial: 862513050026748**

Communication System: UID 0, NR (0); Frequency: 836.5 MHz

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 41.57$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3624; ConvF(10.03, 10.03, 10.03) @ 836.5 MHz; Calibrated: 2023/5/17
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE3 Sn395; Calibrated: 2023/4/25
- Phantom: SAM 1; Type: SAM; Serial: 1473
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (7x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.425 W/kg

Zoom Scan (6x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.230 V/m; Power Drift = 0.07 dB

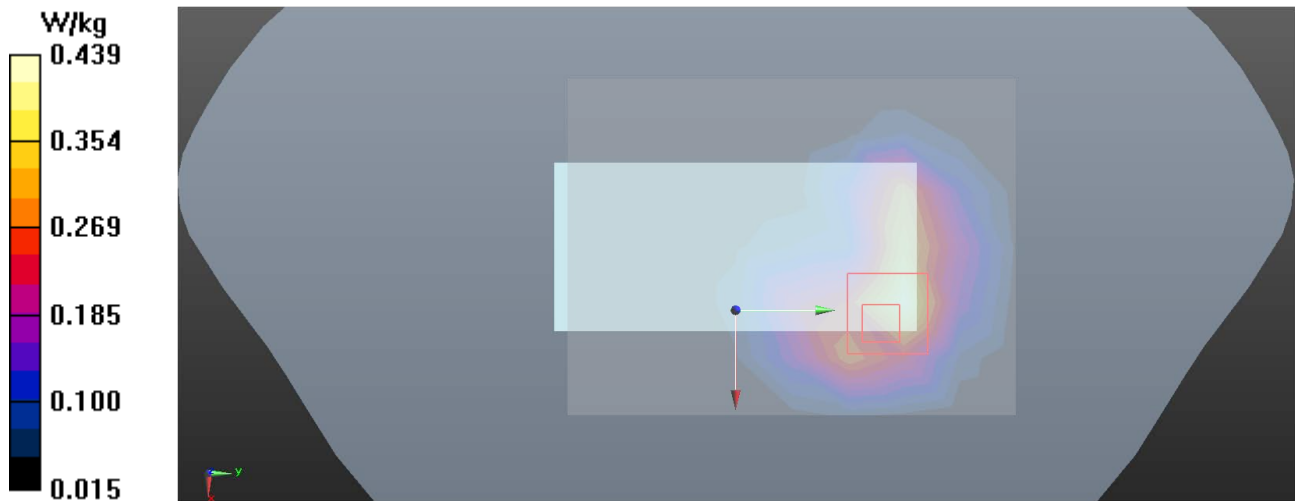
Peak SAR (extrapolated) = 0.540 W/kg

SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.158 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 51.7%

Maximum value of SAR (measured) = 0.439 W/kg



Test Laboratory: TOWE Lab**N5 20M QPSK 50RB28 167300CH Front side 5mm Ant 3****DUT: TD0211; Type: 5G DONGLE; Serial: 862513050026748**

Communication System: UID 0, NR (0); Frequency: 836.5 MHz

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.897$ S/m; $\epsilon_r = 42.49$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(9.08, 8.64, 8.81) @ 836.5 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (7x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.721 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.94 V/m; Power Drift = 0.09 dB

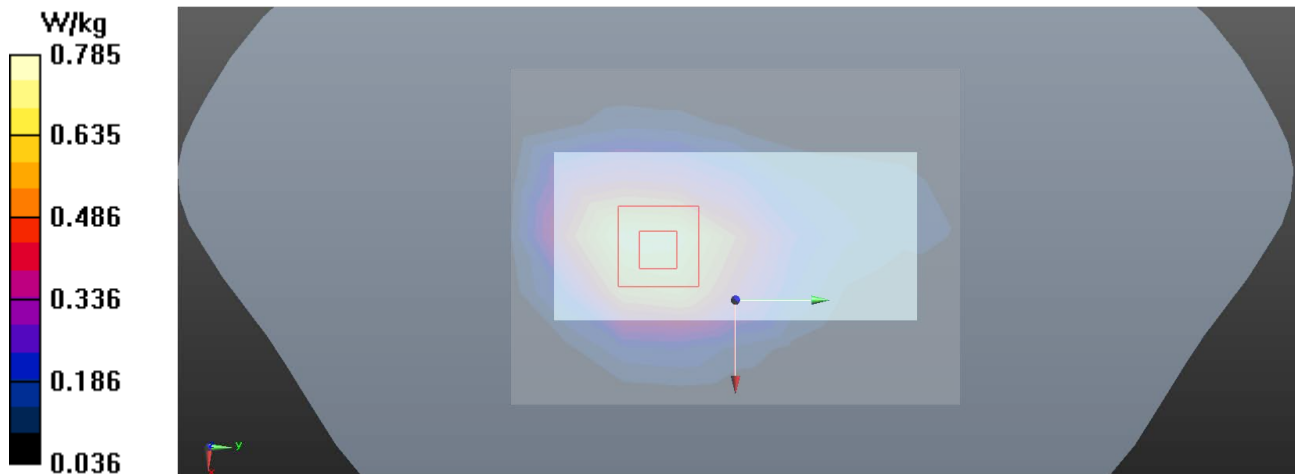
Peak SAR (extrapolated) = 0.890 W/kg

SAR(1 g) = 0.588 W/kg; SAR(10 g) = 0.383 W/kg

Smallest distance from peaks to all points 3 dB below = 18.7 mm

Ratio of SAR at M2 to SAR at M1 = 65.5%

Maximum value of SAR (measured) = 0.785 W/kg



Test Laboratory: TOWE Lab**N14 10M QPSK 25RB14 158600CH Front side 5mm Ant 3****DUT: TD0211; Type: 5G DONGLE; Serial: 862513050026599**

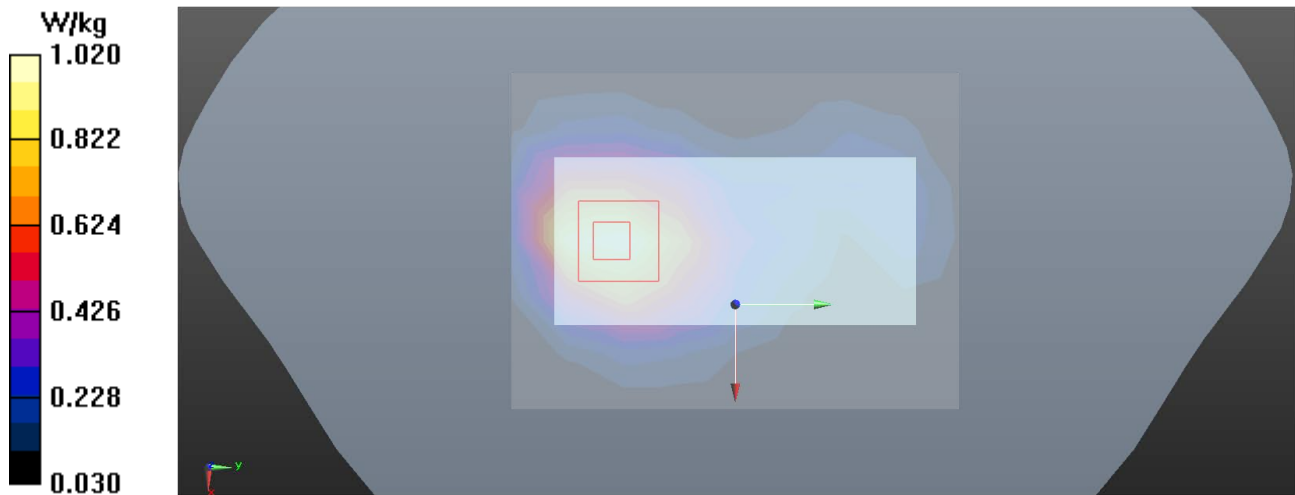
Communication System: UID 0, NR (0); Frequency: 793 MHz

Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.914 \text{ S/m}$; $\epsilon_r = 42.077$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3624; ConvF(10.4, 10.4, 10.4) @ 793 MHz; Calibrated: 2023/5/17
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE3 Sn395; Calibrated: 2023/4/25
- Phantom: SAM 1; Type: SAM; Serial: 1473
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (7x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 1.02 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 17.24 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 1.22 W/kg **SAR(1 g) = 0.729 W/kg ; SAR(10 g) = 0.457 W/kg** Smallest distance from peaks to all points 3 dB below = 15.8 mm Ratio of SAR at M2 to SAR at M1 = 60.2% Maximum value of SAR (measured) = 1.02 W/kg 

Test Laboratory: TOWE Lab**N41 100M QPSK 1RB1 518598CH Left side 5mm Ant 0****DUT: TD0211; Type: 5G DONGLE; Serial: 862513050026599**

Communication System: UID 0, NR (0); Frequency: 2592.99 MHz

Medium parameters used: $f = 2593$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 39.444$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(7.23, 6.7, 6.74) @ 2592.99 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (5x10x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.954 W/kg

Zoom Scan (7x7x5)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.489 V/m; Power Drift = 0.19 dB

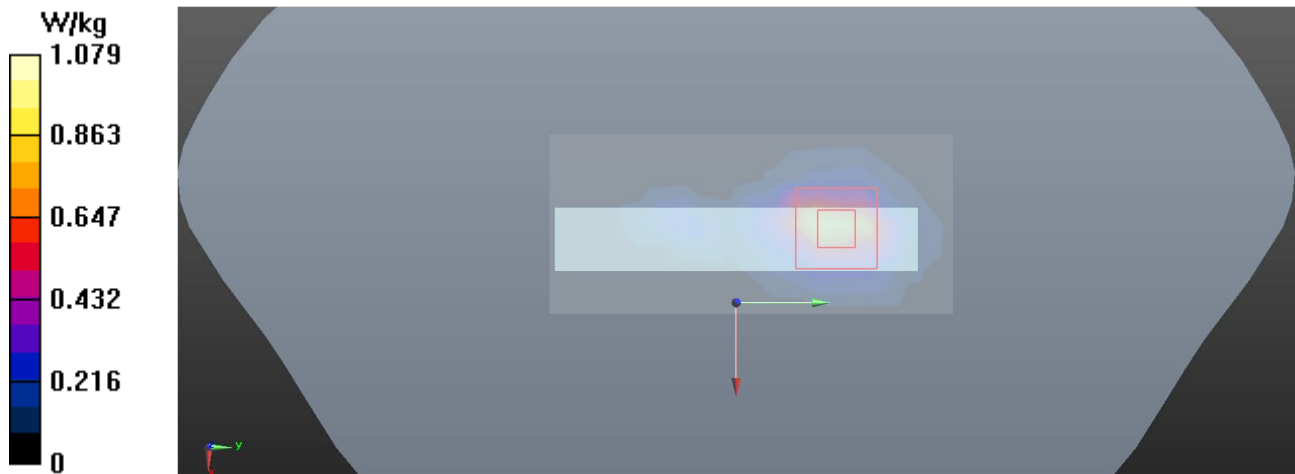
Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.600 W/kg; SAR(10 g) = 0.251 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 45.4%

Maximum value of SAR (measured) = 1.08 W/kg



Test Laboratory: TOWE Lab**N66 40M QPSK 1RB1 349000CH Left side 5mm Ant 0****DUT: TD0211; Type: 5G DONGLE; Serial: 862513050026748**

Communication System: UID 0, NR (0); Frequency: 1745 MHz

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 41.518$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(7.98, 7.5, 7.4) @ 1745 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (6x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.640 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.66 V/m; Power Drift = 0.06 dB

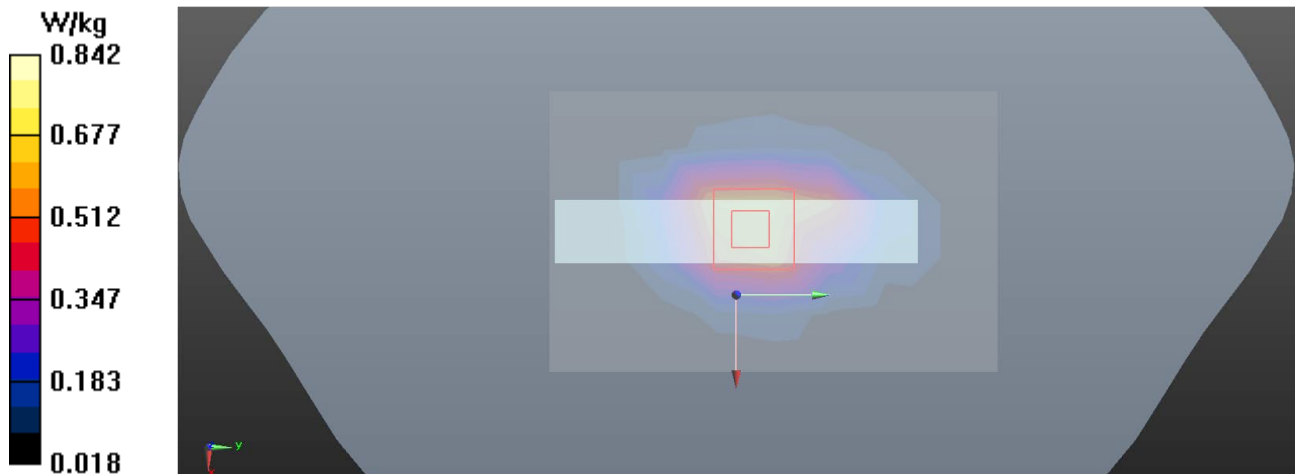
Peak SAR (extrapolated) = 0.973 W/kg

SAR(1 g) = 0.593 W/kg; SAR(10 g) = 0.339 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 62.1%

Maximum value of SAR (measured) = 0.842 W/kg



Test Laboratory: TOWE Lab**N71 20M QPSK 50RB28 161000CH Front side 5mm Ant 3****DUT: TD0211; Type: 5G DONGLE; Serial: 862513050026748**

Communication System: UID 0, NR (0); Frequency: 680.5 MHz

Medium parameters used (interpolated): $f = 680.5$ MHz; $\sigma = 0.878$ S/m; $\epsilon_r = 42.582$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(9.47, 8.79, 8.85) @ 680.5 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (6x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.725 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 26.81 V/m; Power Drift = 0.01 dB

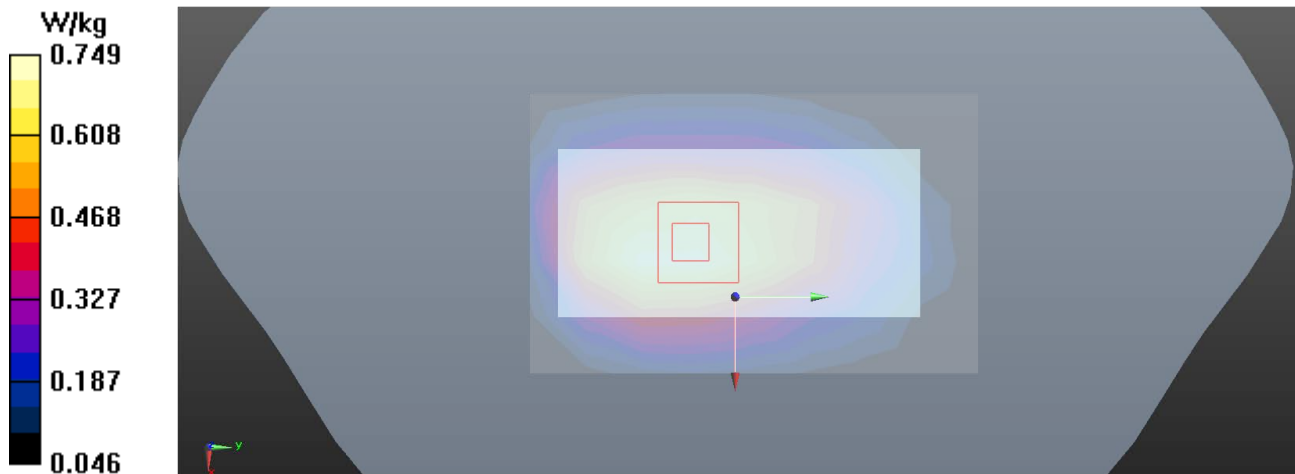
Peak SAR (extrapolated) = 0.828 W/kg

SAR(1 g) = 0.600 W/kg; SAR(10 g) = 0.422 W/kg

Smallest distance from peaks to all points 3 dB below = 20.8 mm

Ratio of SAR at M2 to SAR at M1 = 72.4%

Maximum value of SAR (measured) = 0.749 W/kg



Test Laboratory: TOWE Lab**N77 100M QPSK 1RB271 633334CH Front side 5mm Ant 0****DUT: TD0211; Type: 5G DONGLE; Serial: 862513050026599**

Communication System: UID 0, NR (0); Frequency: 3500 MHz

Medium parameters used: $f = 3500$ MHz; $\sigma = 2.898$ S/m; $\epsilon_r = 38.269$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(6.89, 6.37, 6.38) @ 3500 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (7x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.965 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 10.11 V/m; Power Drift = 0.11 dB

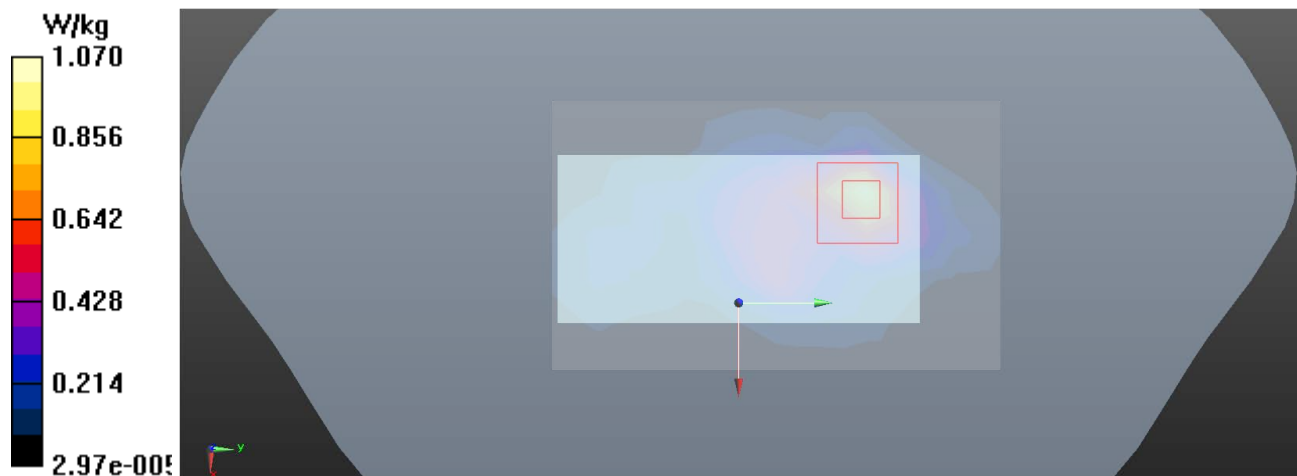
Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.218 W/kg

Smallest distance from peaks to all points 3 dB below = 9.2 mm

Ratio of SAR at M2 to SAR at M1 = 54.8%

Maximum value of SAR (measured) = 1.07 W/kg



Test Laboratory: TOWE Lab**N77 100M QPSK 1RB271 633334CH Front side 5mm Ant 3****DUT: TD0211; Type: 5G DONGLE; Serial: 862513050026599**

Communication System: UID 0, NR (0); Frequency: 3500 MHz

Medium parameters used: $f = 3500$ MHz; $\sigma = 2.898$ S/m; $\epsilon_r = 38.269$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(6.89, 6.37, 6.38) @ 3500 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (7x10x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.948 W/kg

Zoom Scan (7x7x5)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 1.728 V/m; Power Drift = 0.15 dB

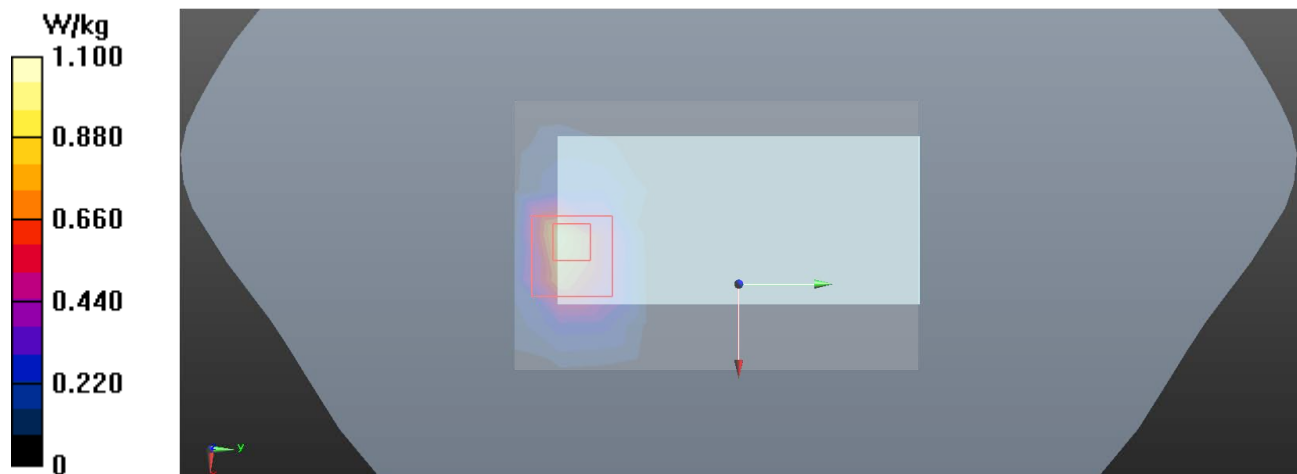
Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.595 W/kg; SAR(10 g) = 0.220 W/kg

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 57.2%

Maximum value of SAR (measured) = 1.10 W/kg



Test Laboratory: TOWE Lab**N77 100M QPSK 1RB271 633334CH Front side 5mm MIMO****DUT: TD0211; Type: 5G DONGLE; Serial: 862513050026599**

Communication System: UID 0, NR (0); Frequency: 3500 MHz

Medium parameters used: $f = 3500$ MHz; $\sigma = 2.898$ S/m; $\epsilon_r = 38.269$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(6.89, 6.37, 6.38) @ 3500 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (8x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.534 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 7.614 V/m; Power Drift = -0.04 dB

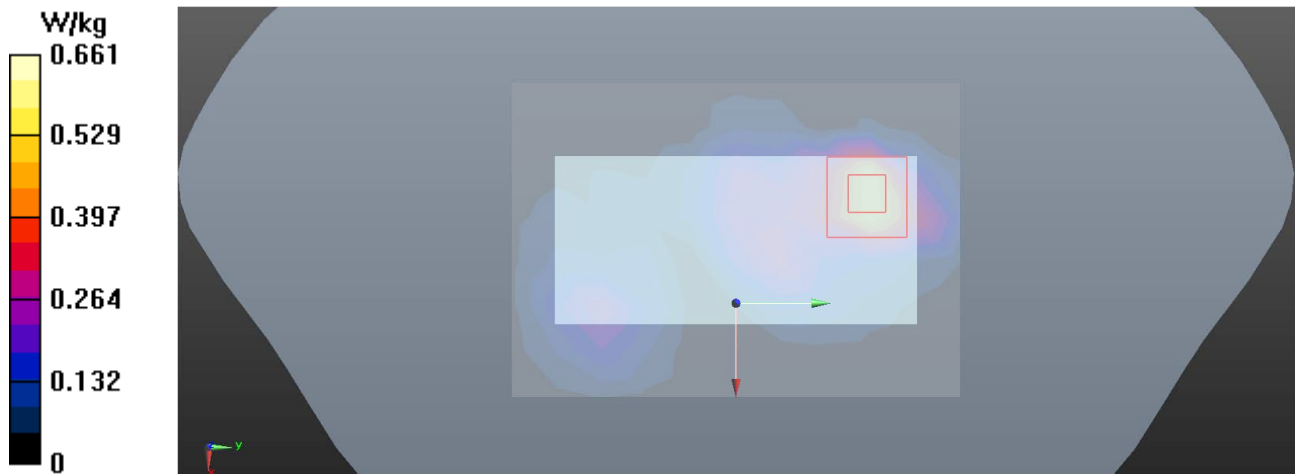
Peak SAR (extrapolated) = 0.923 W/kg

SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.140 W/kg

Smallest distance from peaks to all points 3 dB below = 10.3 mm

Ratio of SAR at M2 to SAR at M1 = 54.3%

Maximum value of SAR (measured) = 0.661 W/kg



Test Laboratory: TOWE Lab**N77 100M QPSK 1RB271 662000CH Left side 5mm Ant 0****DUT: TD0211; Type: 5G DONGLE; Serial: 862513050026599**

Communication System: UID 0, NR (0); Frequency: 3930 MHz

Medium parameters used: $f = 3930$ MHz; $\sigma = 3.361$ S/m; $\epsilon_r = 37.957$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(6.58, 6.09, 6.1) @ 3930 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (6x10x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.11 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 10.43 V/m; Power Drift = -0.02 dB

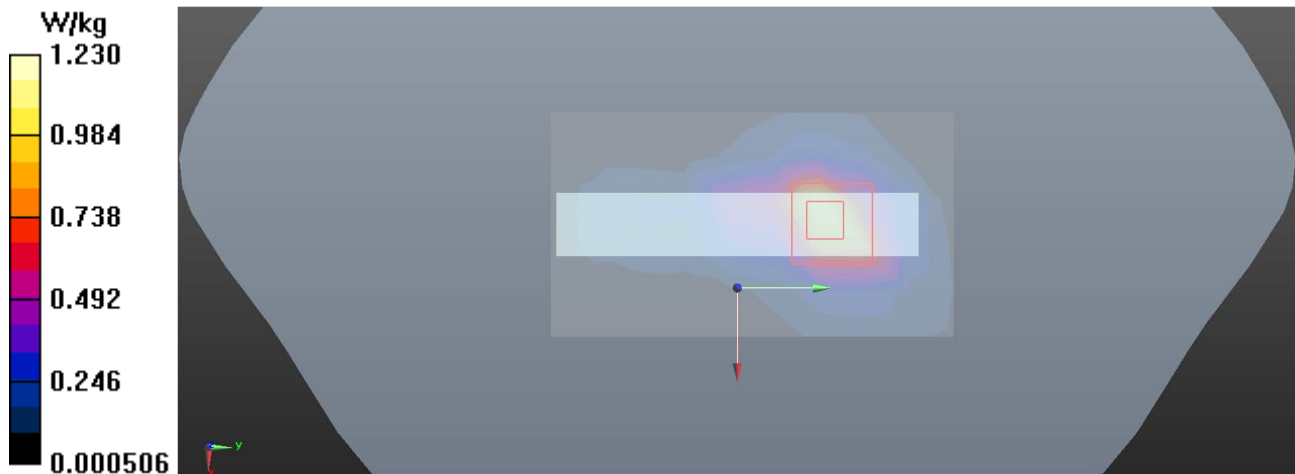
Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.593 W/kg; SAR(10 g) = 0.224 W/kg

Smallest distance from peaks to all points 3 dB below = 7.8 mm

Ratio of SAR at M2 to SAR at M1 = 53%

Maximum value of SAR (measured) = 1.23 W/kg



Test Laboratory: TOWE Lab**N77 100M QPSK 1RB271 650000CH Right side 5mm Ant 3****DUT: TD0211; Type: 5G DONGLE; Serial: 862513050026599**

Communication System: UID 0, NR (0); Frequency: 3750 MHz

Medium parameters used: $f = 3750$ MHz; $\sigma = 3.179$ S/m; $\epsilon_r = 37.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(6.69, 6.18, 6.19) @ 3750 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (6x12x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.884 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 2.331 V/m; Power Drift = 0.01 dB

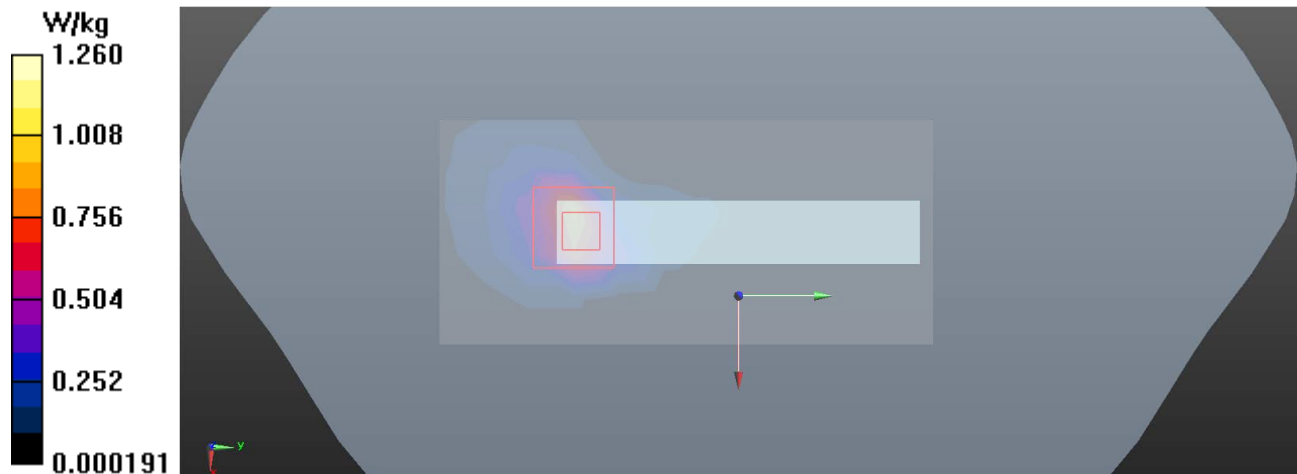
Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 0.636 W/kg; SAR(10 g) = 0.217 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 53%

Maximum value of SAR (measured) = 1.26 W/kg



Test Laboratory: TOWE Lab**N77 100M QPSK 1RB271 650000CH Right side 5mm MIMO****DUT: TD0211; Type: 5G DONGLE; Serial: 862513050026599**

Communication System: UID 0, NR (0); Frequency: 3750 MHz

Medium parameters used: $f = 3750$ MHz; $\sigma = 3.19$ S/m; $\epsilon_r = 38.025$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7812; ConvF(6.69, 6.18, 6.19) @ 3750 MHz; Calibrated: 2023/5/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE4 Sn799; Calibrated: 2023/3/27
- Phantom: SAM 2; Type: SAM Twin; Serial: 1359
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (6x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 2.28 W/kg

Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 5.710 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 2.62 W/kg

SAR(1 g) = 0.844 W/kg; SAR(10 g) = 0.277 W/kg

Smallest distance from peaks to all points 3 dB below = 6.6 mm

Ratio of SAR at M2 to SAR at M1 = 34.3%

Maximum value of SAR (measured) = 1.75 W/kg

