

Test Laboratory: BTL Inc.

Date: 2025/5/5

G03_GSM 850_GPRS1TX_CH128_Front Face_5mm

DUT: Tractive;

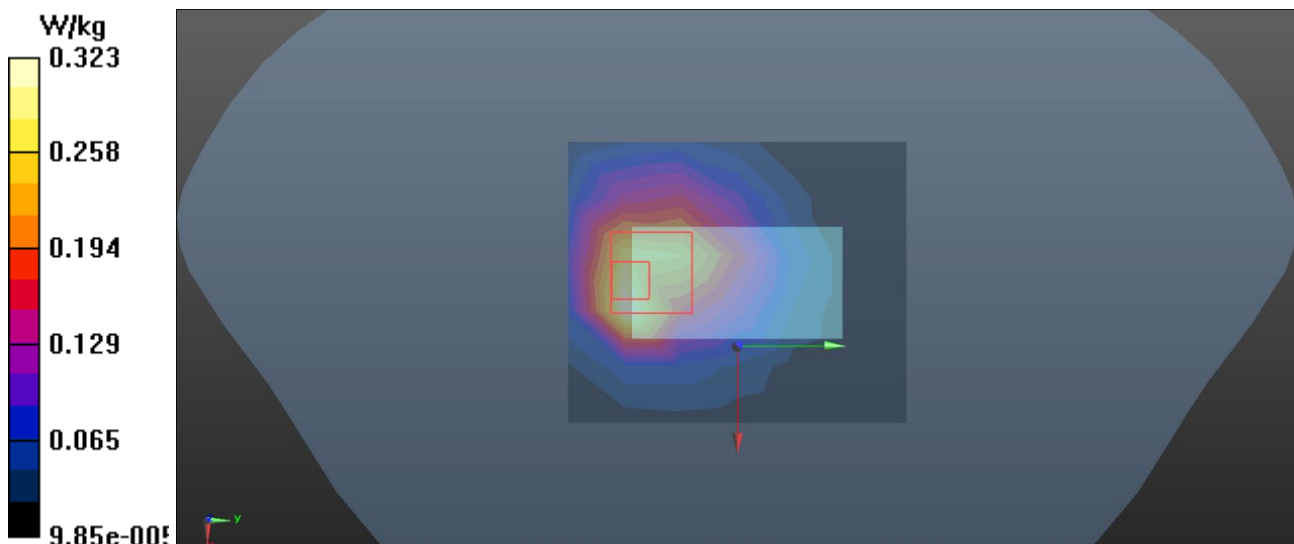
Communication System: UID 0, GPRS 1TX (0); Frequency: 824.2 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.922 \text{ S/m}$; $\epsilon_r = 42.474$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.5 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe:EX3DV4-SN7693;ConvF(9.32, 9.08, 9.73) @824.2 MHz;Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2024/11/14
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (6x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.323 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 13.88 V/m ; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.434 W/kg
SAR(1 g) = 0.231 W/kg ; SAR(10 g) = 0.140 W/kg
Smallest distance from peaks to all points 3 dB below = 10.2 mm
Ratio of SAR at M2 to SAR at M1 = 54.3%
Maximum value of SAR (measured) = 0.356 W/kg



Test Laboratory: BTL Inc.

Date: 2025/5/6

G09_GSM 1900_GPRS1TX_CH810_Front Face_5mm

DUT: Tractive;

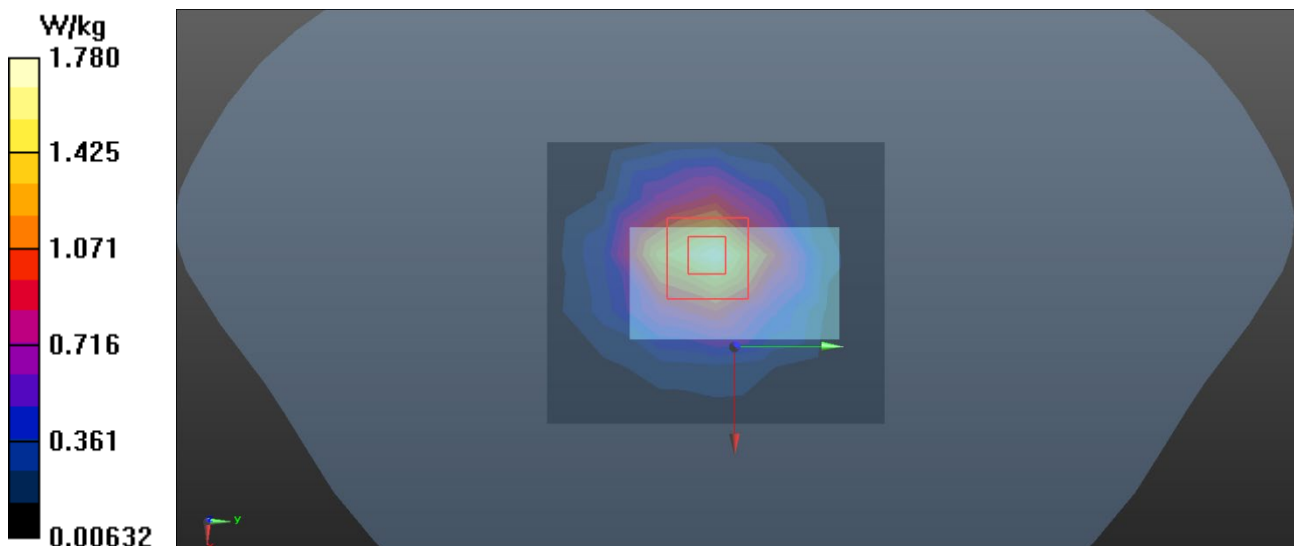
Communication System: UID 0, GPRS 1TX (0); Frequency: 1909.8 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1910$ MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 41.474$; $\rho = 1000$ kg/m³
Ambient Temperature : 23 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe:EX3DV4-SN3809;ConvF(8.01, 7.36, 7.16)@1909.8 MHz;Calibrated: 2025/1/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2024/11/14
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (6x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 1.78 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 34.47 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.97 W/kg
SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.760 W/kg
Smallest distance from peaks to all points 3 dB below = 15.8 mm
Ratio of SAR at M2 to SAR at M1 = 66.2%
Maximum value of SAR (measured) = 1.73 W/kg



Test Laboratory: BTL Inc.

Date: 2025/5/6

L06_LTE B2_QPSK20M_CH19100_1RB Offset0_Front Face_5mm

DUT: Tractive;

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1900 MHz; Duty Cycle: 1:3.73852

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.367$ S/m; $\epsilon_r = 41.508$; $\rho = 1000$ kg/m³

Ambient Temperature : 23 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe:EX3DV4-SN3809; ConvF(8.01, 7.36, 7.16) @ 1900 MHz; Calibrated: 2025/1/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2024/11/14
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (6x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.22 W/kg

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

Reference Value = 28.74 V/m; Power Drift = -0.13 dB

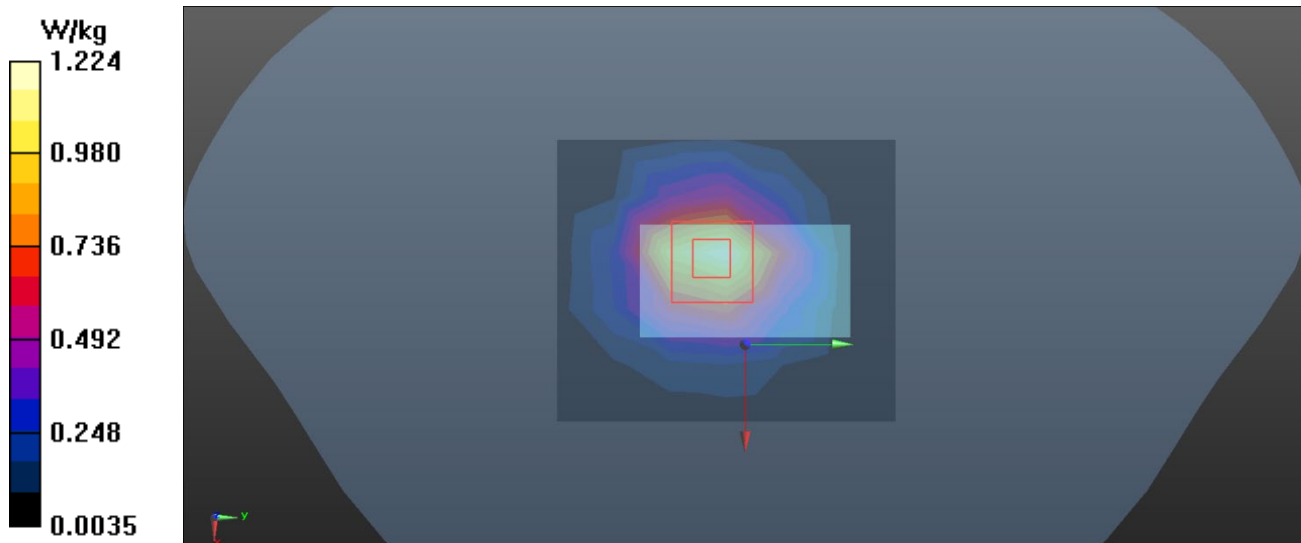
Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.936 W/kg; SAR(10 g) = 0.548 W/kg

Smallest distance from peaks to all points 3 dB below = 14.8 mm

Ratio of SAR at M2 to SAR at M1 = 68%

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



Test Laboratory: BTL Inc.

Date: 2025/5/6

L13_LTE B4_QPSK20M_CH20175_1RB Offset0_Front Face_5mm

DUT: Tractive;

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used : $f = 1732.5$ MHz; $\sigma = 1.326$ S/m; $\epsilon_r = 40.021$; $\rho = 1000$ kg/m³

Ambient Temperature : 23 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe:EX3DV4-SN7693;ConvF(8.04, 7.84, 8.4) @1732.5 MHz;Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2024/11/14
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (6x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.474 W/kg

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

Reference Value = 16.63 V/m; Power Drift = -0.02 dB

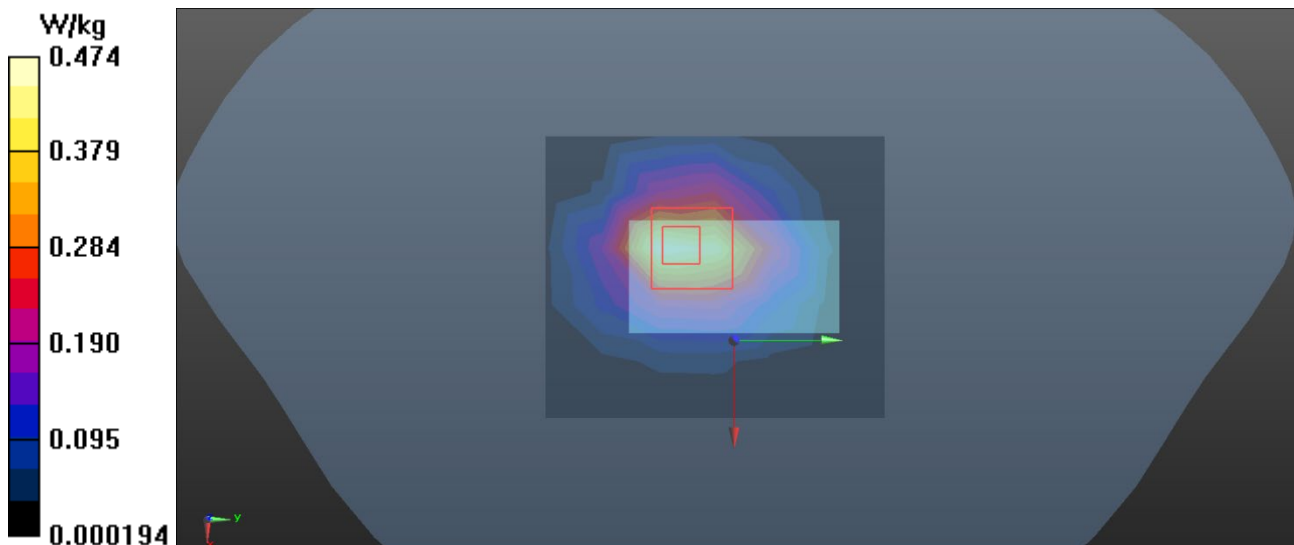
Peak SAR (extrapolated) = 0.538 W/kg

SAR(1 g) = 0.386 W/kg; SAR(10 g) = 0.244 W/kg

Smallest distance from peaks to all points 3 dB below = 11.3 mm

Ratio of SAR at M2 to SAR at M1 = 76.6%

Maximum value of SAR (measured) = 0.475 W/kg



Test Laboratory: BTL Inc.

Date: 2025/5/5

L19_LTE B5_QPSK10M_CH20450_3RB Offset0_Front Face_5mm

DUT: Tractive;

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 829 MHz;
Duty Cycle: 1:1

Medium parameters used : $f = 829 \text{ MHz}$; $\sigma = 0.925 \text{ S/m}$; $\epsilon_r = 42.442$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.5 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe:EX3DV4- SN7693;ConvF(9.32, 9.08, 9.73) @ 829 MHz;Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2024/11/14
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (6x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0843 W/kg

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

Reference Value = 8.847 V/m ; Power Drift = -0.08 dB

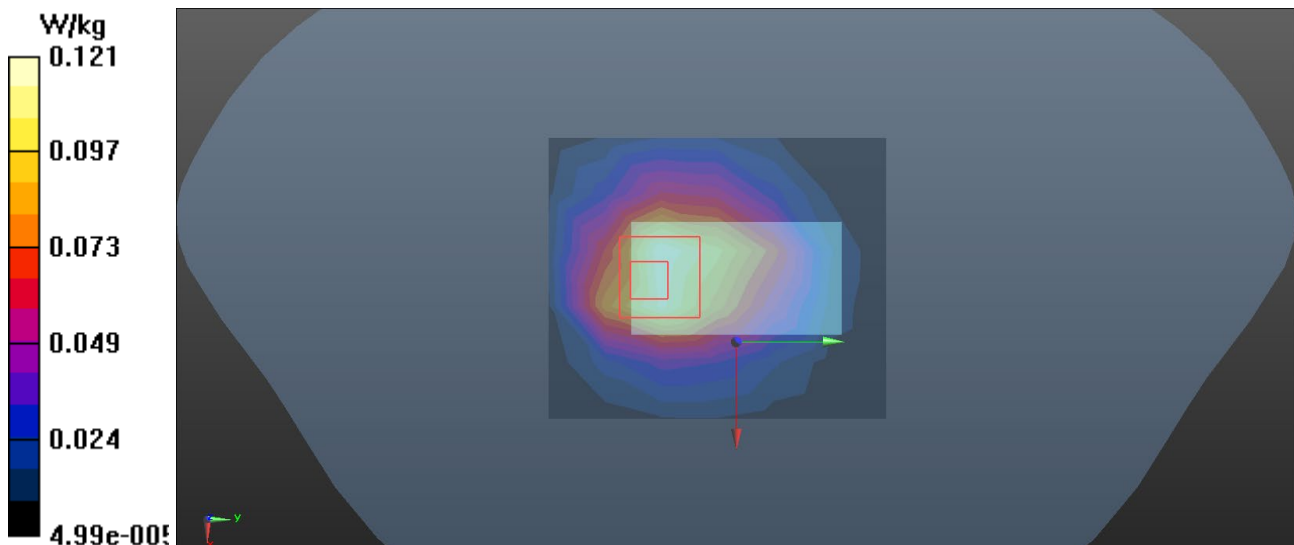
Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.068 W/kg ; SAR(10 g) = 0.042 W/kg

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 51.2%

Maximum value of SAR (measured) = 0.102 W/kg



Test Laboratory: BTL Inc.

Date: 2025/5/5

L26_LTE B12_QPSK10M_CH23060_3RB Offset0_Front Face_5mm

DUT: Tractive;

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 704 MHz;
Duty Cycle: 1:1

Medium parameters used : $f = 704 \text{ MHz}$; $\sigma = 0.86 \text{ S/m}$; $\epsilon_r = 43.096$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.5 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe:EX3DV4-SN7693;ConvF(9.59, 9.35, 10.02) @704 MHz;Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2024/11/14
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (6x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.144 W/kg

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

Reference Value = 12.30 V/m ; Power Drift = -0.06 dB

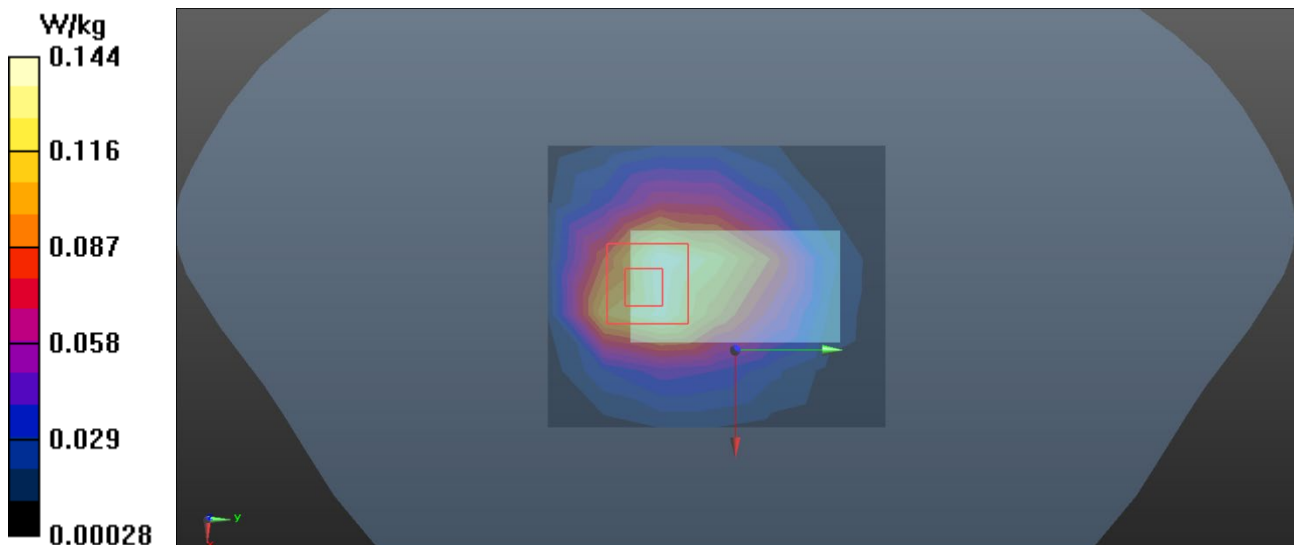
Peak SAR (extrapolated) = 0.256 W/kg

SAR(1 g) = 0.125 W/kg ; SAR(10 g) = 0.072 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 47.6%

Maximum value of SAR (measured) = 0.194 W/kg



Test Laboratory: BTL Inc.

Date: 2025/5/5

L29_LTE B13_QPSK10M_CH23230_1RB Offset0_Front Face_5mm

DUT: Tractive;

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used : $f = 782 \text{ MHz}$; $\sigma = 0.9 \text{ S/m}$; $\epsilon_r = 42.613$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.5 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4-SN7693; ConvF(9.59, 9.35, 10.02) @782 MHz; Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2024/11/14
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (6x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.121 W/kg

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

Reference Value = 10.64 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.189 W/kg

SAR(1 g) = 0.102 W/kg ; SAR(10 g) = 0.062 W/kg

Smallest distance from peaks to all points 3 dB below = 11.5 mm

Ratio of SAR at M2 to SAR at M1 = 54.4%

Maximum value of SAR (measured) = 0.156 W/kg

