

Test Laboratory: BTL Inc.

Date: 2025/3/11

G07_GSM 850_GPRS1TX_CH128_Front Face_0mm

DUT: Tractive;

Communication System: UID 0, GPRS 1TX (0); Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.916 \text{ S/m}$; $\epsilon_r = 41.397$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $20.9 \text{ }^\circ\text{C}$

DASY Configuration:

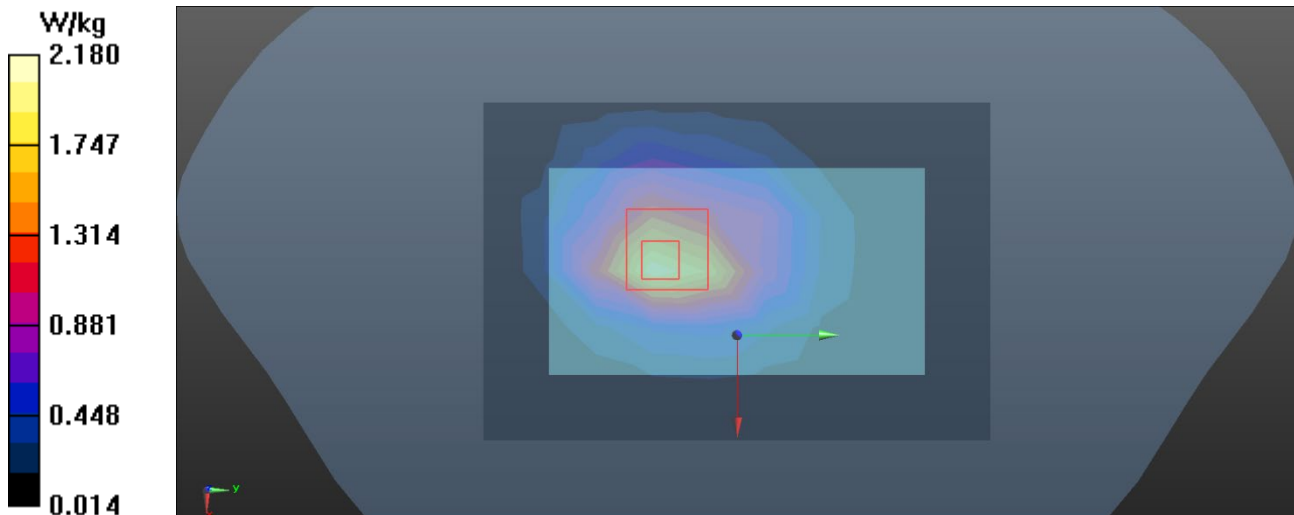
- Probe: EX3DV4 - SN7544; ConvF(9.34, 9.18, 9.3) @ 824.2 MHz; Calibrated: 2024/4/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2024/11/14
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: S/N:1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 2.02 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 39.26 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.65 W/kg
SAR(1 g) = 1.38 W/kg ; SAR(10 g) = 0.752 W/kg

Maximum value of SAR (measured) = 2.18 W/kg


Test Laboratory: BTL Inc.

Date: 2025/3/12

G17_GSM 1900_GPRS1TX_CH810_Front Face_0mm**DUT: Tractive;**

Communication System: UID 0, GPRS 1TX (0); Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.343$ S/m; $\epsilon_r = 41.457$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 20.6 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(8.01, 7.77, 7.76) @ 1909.8 MHz; Calibrated: 2024/4/3
- 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 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.792 W/kg

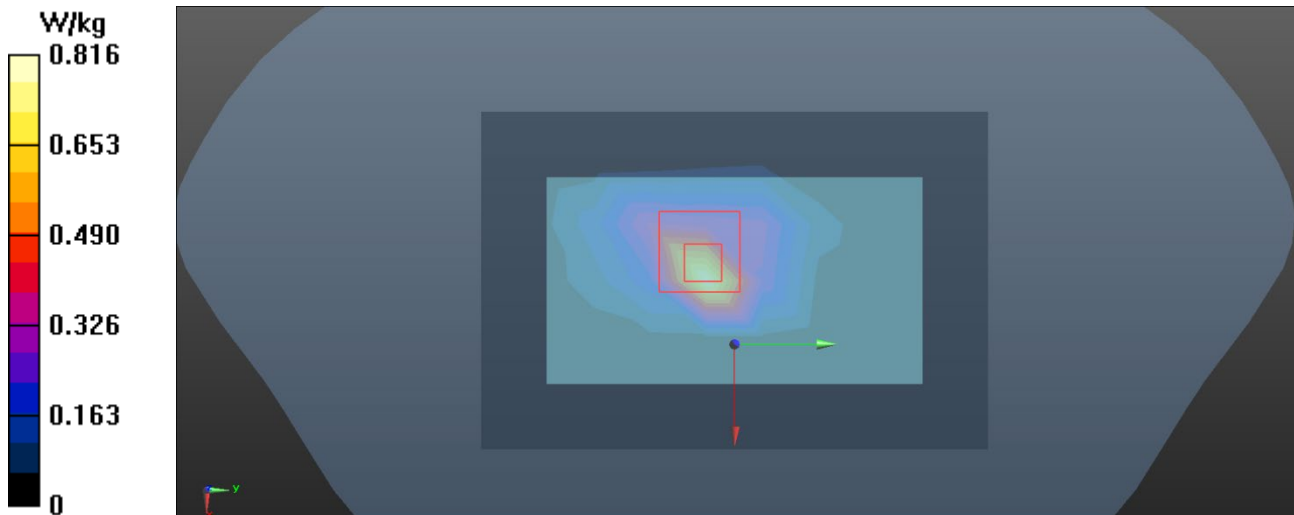
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.16 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.439 W/kg; SAR(10 g) = 0.196 W/kg

Maximum value of SAR (measured) = 0.816 W/kg



Test Laboratory: BTL Inc.

Date: 2025/3/13

L12_LTE B2_QPSK20M_CH18900_1RB offset 0_Front Face_0mm

DUT: Tractive;

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1880$ MHz; $\sigma = 1.318$ S/m; $\epsilon_r = 41.555$; $\rho = 1000$ kg/m³

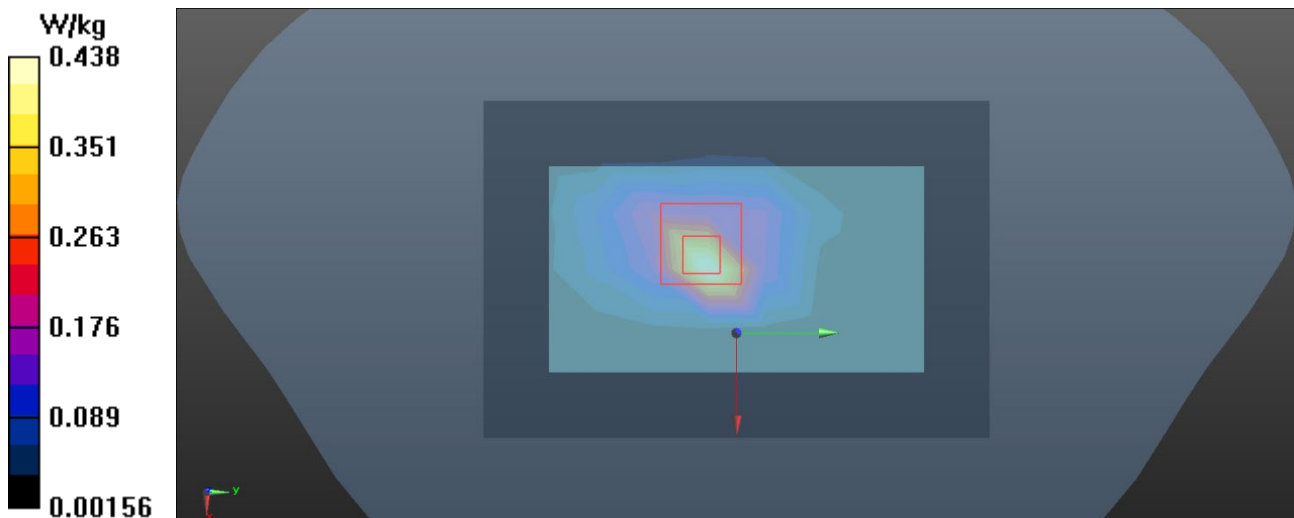
Ambient Temperature : 22.5 °C; Liquid Temperature : 20.6 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(8.01, 7.77, 7.76) @ 1880 MHz; Calibrated: 2024/4/3
- 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 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.468 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 17.76 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.536 W/kg
SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.115 W/kg
Maximum value of SAR (measured) = 0.438 W/kg



Test Laboratory: BTL Inc.

Date: 2025/3/13

L27_LTE B4_QPSK20M_CH20050_1RB offset 0_Front Face_0mm

DUT: Tractive;

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1720 MHz;
Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.315$ S/m; $\epsilon_r = 40.035$; $\rho = 1000$ kg/m³

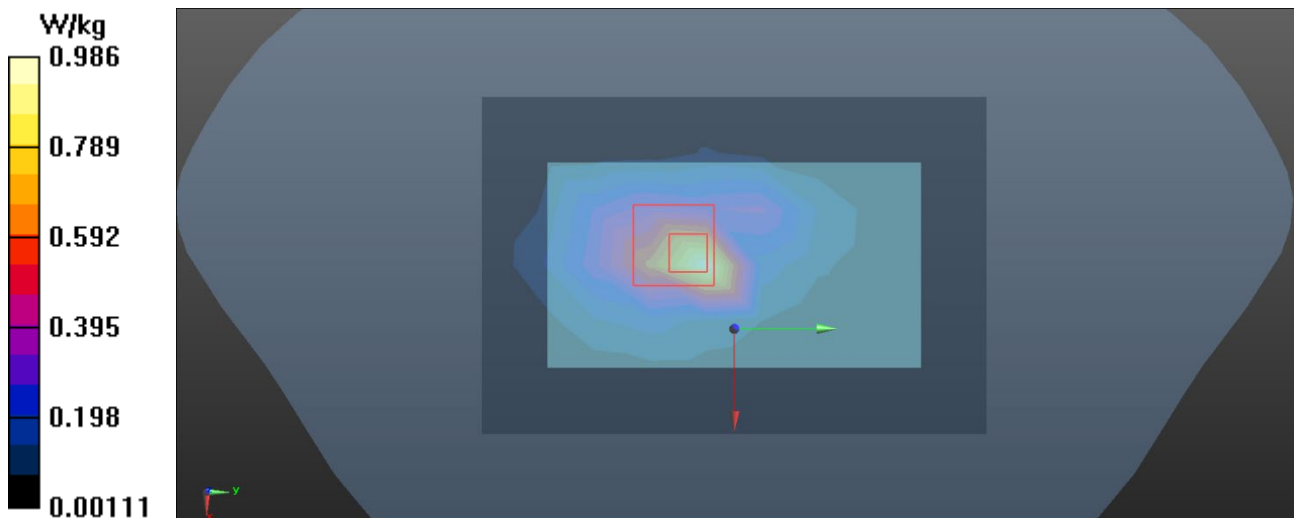
Ambient Temperature : 22.3 °C; Liquid Temperature : 20.7 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(8.19, 7.93, 7.97) @ 1720 MHz; Calibrated: 2024/4/3
- 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 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.986 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 20.29 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.560 W/kg; SAR(10 g) = 0.250 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



Test Laboratory: BTL Inc.

Date: 2025/3/11

L42_LTE B5_QPSK10M_CH20450_3RB offset 0_Front Face_0mm

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 (interpolated): $f = 829 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 41.359$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $20.9 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(9.34, 9.18, 9.3) @ 829 MHz; Calibrated: 2024/4/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2024/11/14
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: S/N:1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$.

Maximum value of SAR (measured) = 0.697 W/kg

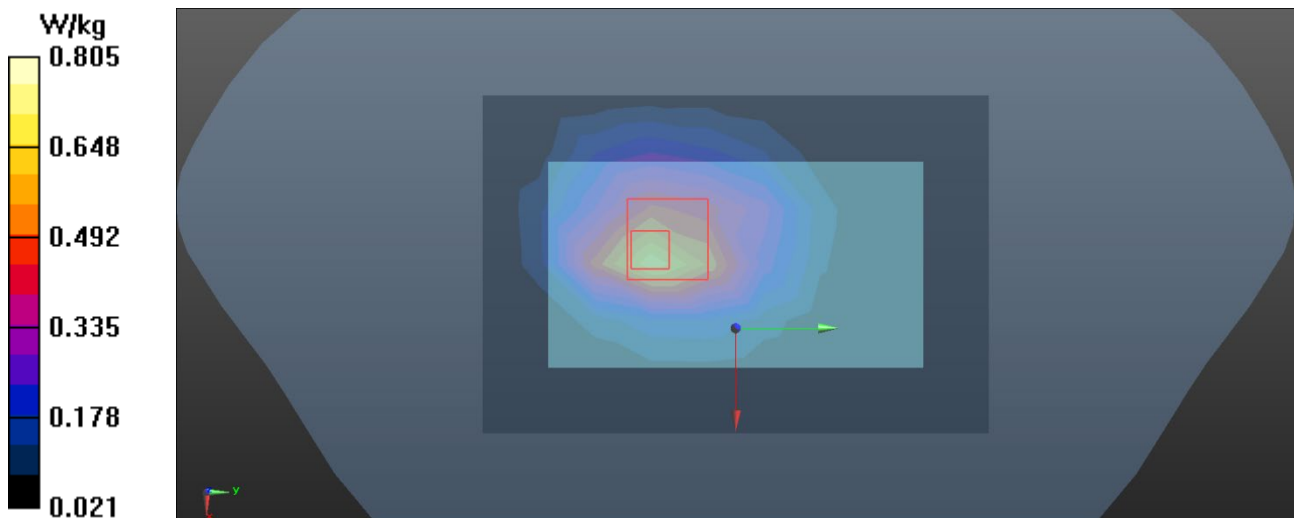
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.97 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.992 W/kg

SAR(1 g) = 0.510 W/kg ; SAR(10 g) = 0.290 W/kg

Maximum value of SAR (measured) = 0.805 W/kg



Test Laboratory: BTL Inc.

Date: 2025/3/11

L51_LTE B12_QPSK10M_CH23095_3RB offset 0_Front Face_0mm

DUT: Tractive;

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.866$ S/m; $\epsilon_r = 42.32$; $\rho = 1000$ kg/m³

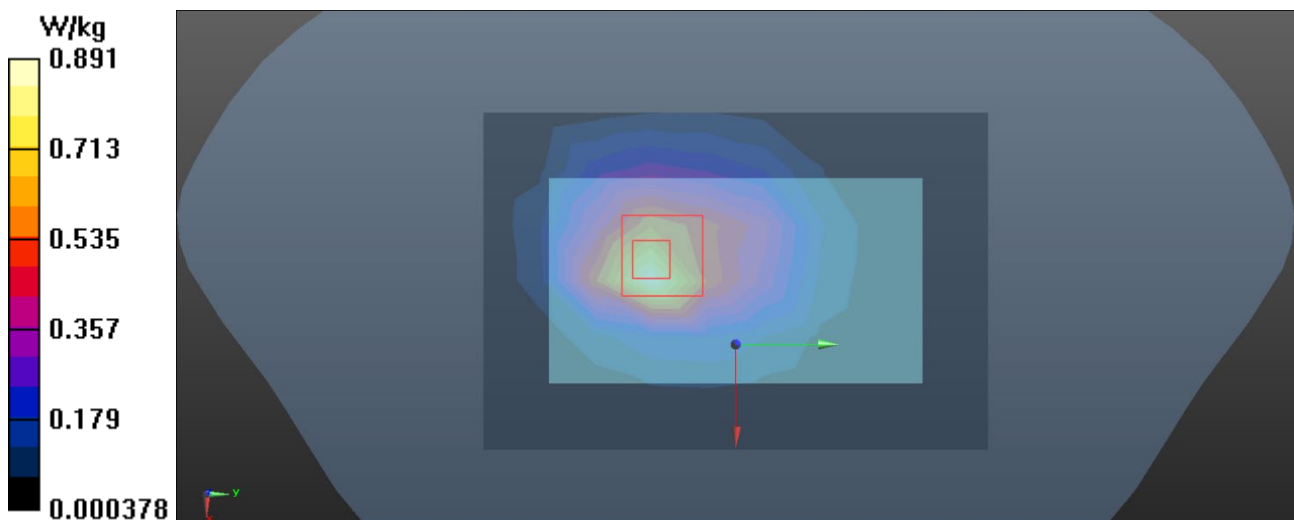
Ambient Temperature : 22.6°C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(9.68, 9.48, 9.54) @ 707.5 MHz; Calibrated: 2024/4/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2024/11/14
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: S/N:1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.891 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 25.07 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.686 W/kg; SAR(10 g) = 0.359 W/kg
Maximum value of SAR (measured) = 1.14 W/kg



Test Laboratory: BTL Inc.

Date: 2025/3/11

L60_LTE B13_QPSK10M_CH23230_1RB offset 0_Front Face_0mm

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 (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.914 \text{ S/m}$; $\epsilon_r = 41.76$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $22.1 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(9.68, 9.48, 9.54) @ 782 MHz; Calibrated: 2024/4/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2024/11/14
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: S/N:1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.788 W/kg

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

Reference Value = 25.80 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.622 W/kg ; SAR(10 g) = 0.353 W/kg

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

