

Test Laboratory: Compliance Certification Services Inc.

D2450V2 SN-728 Body

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:728

Communication System: CW2450; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2$ mho/m; $\epsilon_r = 50.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3671; ConvF(7.17, 7.17, 7.17);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2/3/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW,d=10mm/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 14.2 mW/g

Pin=250mW,d=10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Reference Value = 95.9 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 26.8 W/kg

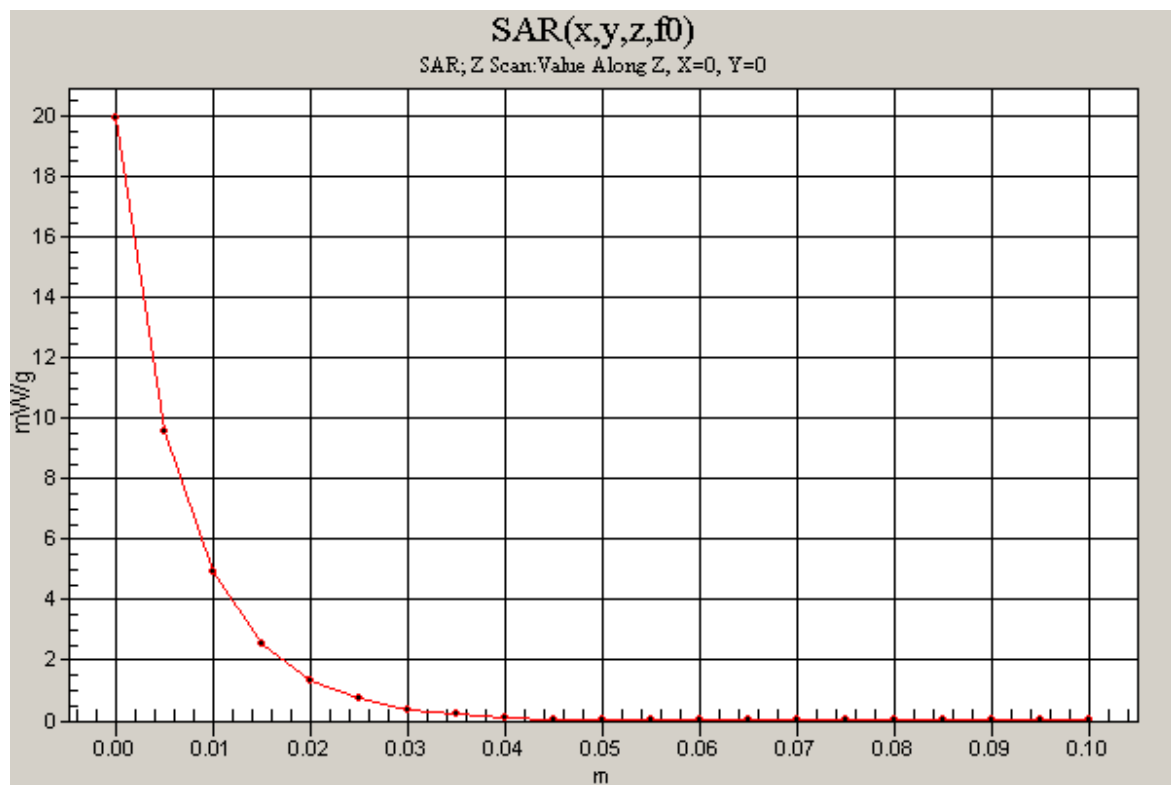
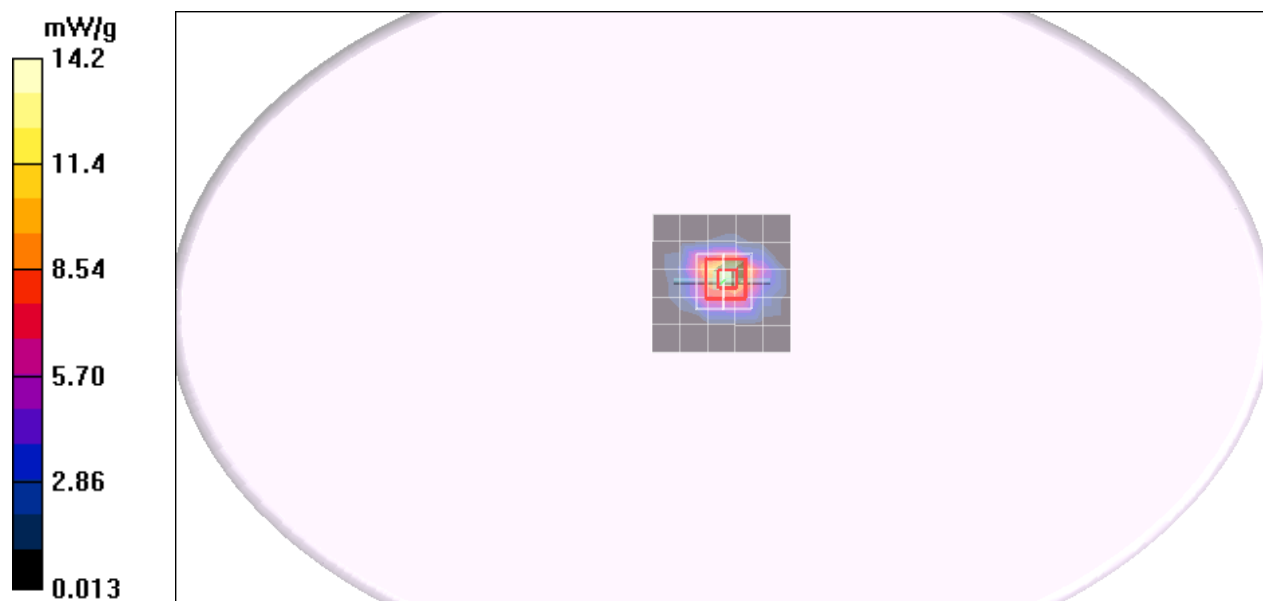
SAR(1 g) = 13.2 mW/g; SAR(10 g) = 6.16 mW/g

Maximum value of SAR (measured) = 18.8 mW/g

Pin=250mW,d=10mm/Z Scan (1x1x21): Measurement grid: dx=20mm,

dy=20mm, dz=5mm

Maximum value of SAR (measured) = 19.9 mW/g



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80211b Bottom Flat mode PCG-4T2L

DUT: PCG-4T2L; Type: PCG-4T2L; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 2.01 \text{ mho/m}$; $\epsilon_r = 50.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3671; ConvF(7.17, 7.17, 7.17);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2/3/2009
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

High CH Rate 1M/Area Scan (6x7x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.025 mW/g

High CH Rate 1M/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=3\text{mm}$

Reference Value = 0.000 V/m; Power Drift = -0.000 dB

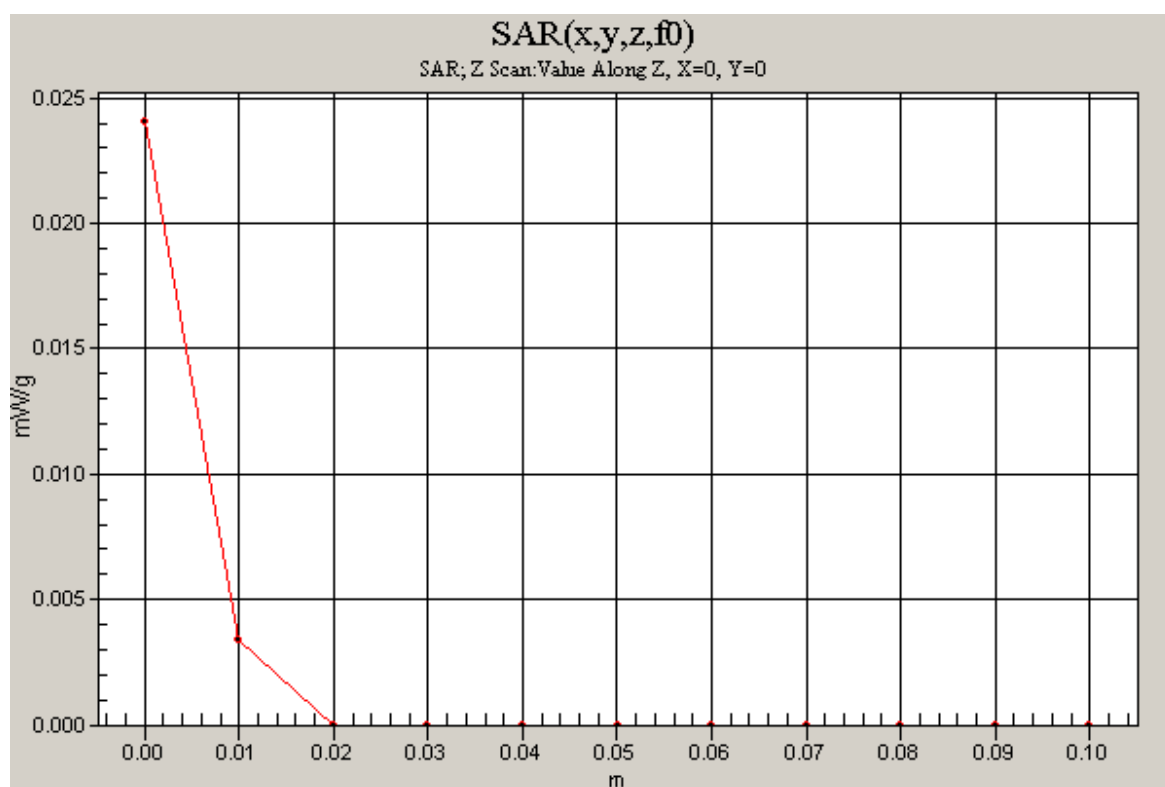
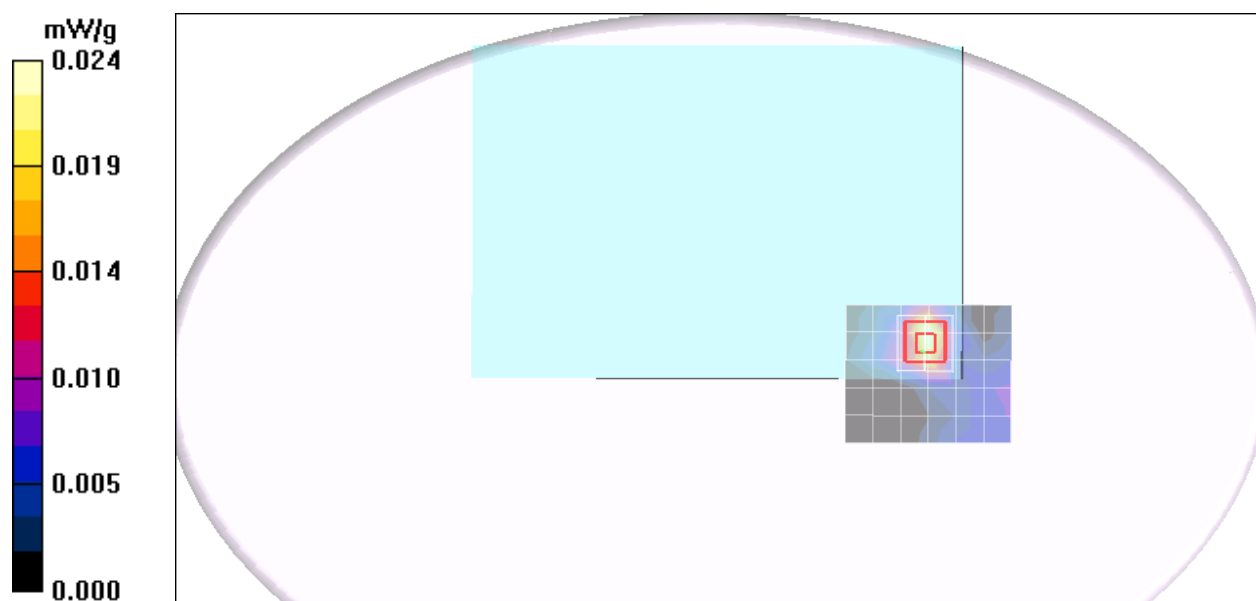
Peak SAR (extrapolated) = 0.036 W/kg

SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00628 mW/g

Maximum value of SAR (measured) = 0.024 mW/g

High CH Rate 1M/Z Scan (1x1x11):

Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=10\text{mm}$



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80211g Bottom Flat mode PCG-4T2L

DUT: PCG-4T2L; Type: PCG-4T2L; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.95 \text{ mho/m}$; $\epsilon_r = 50.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3671; ConvF(7.17, 7.17, 7.17);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2/3/2009
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

Low CH Rate 6M/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.019 mW/g

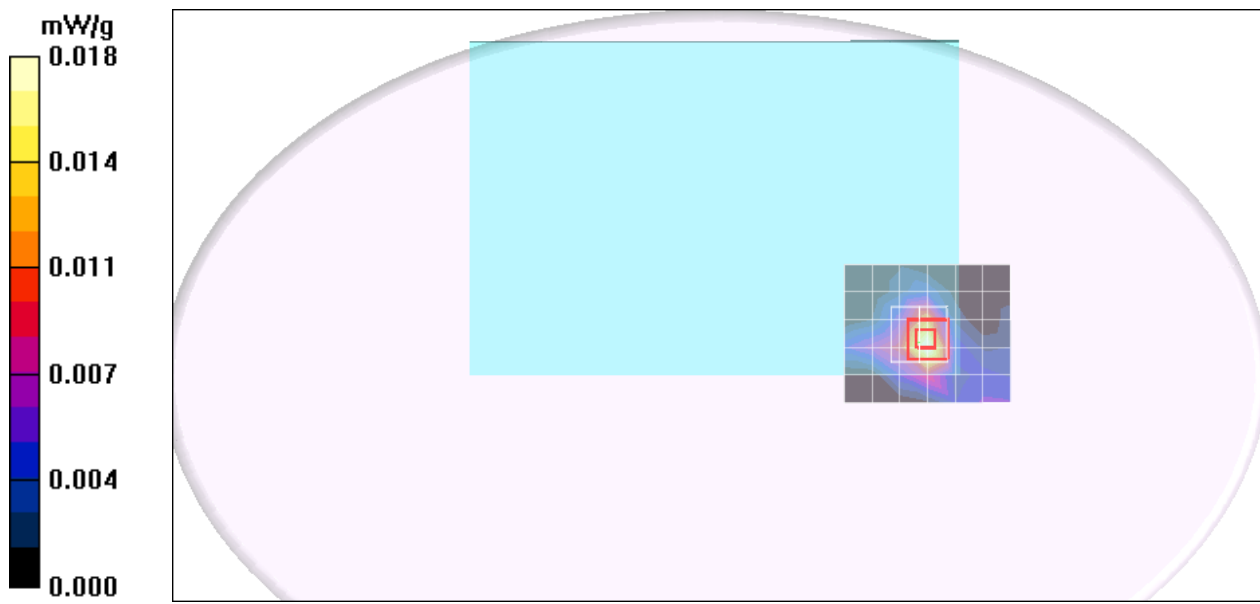
Low CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.066 W/kg

SAR(1 g) = 0.010 mW/g; SAR(10 g) = 0.00387 mW/g

Maximum value of SAR (measured) = 0.018 mW/g



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80211n Bottom Flat mode PCG-4T2L HT20

DUT: PCG-4T2L; Type: PCG-4T2L; Serial: N/A

Communication System: IEEE 802.11g HT20; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 50.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3671; ConvF(7.17, 7.17, 7.17);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2/3/2009
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 6.5M/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.013 mW/g

Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

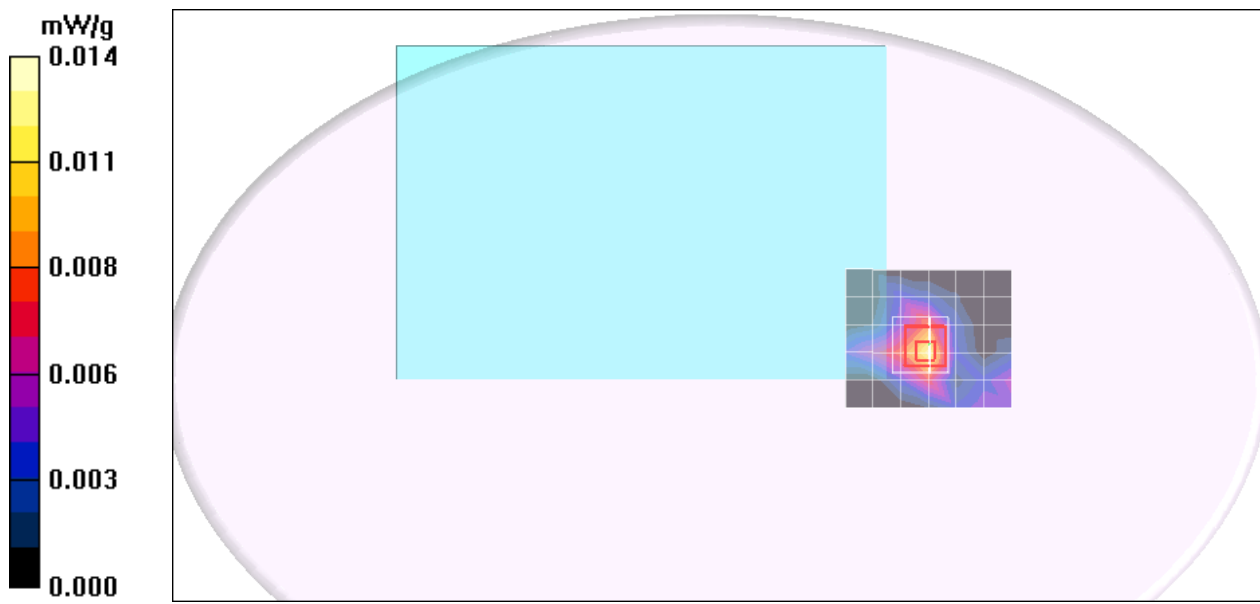
dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.058 W/kg

SAR(1 g) = 0.0078 mW/g; SAR(10 g) = 0.00331 mW/g

Maximum value of SAR (measured) = 0.014 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211n Bottom Flat mode PCG-4T2L HT40

DUT: PCG-4T2L; Type: PCG-4T2L; Serial: N/A

Communication System: IEEE 802.11n HT 40; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 50.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3671; ConvF(7.17, 7.17, 7.17);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2/3/2009
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

Middle CH Rate 13.5M/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.012 mW/g

Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.000 V/m; Power Drift = -0.000 dB

Peak SAR (extrapolated) = 0.074 W/kg

SAR(1 g) = 0.00605 mW/g; SAR(10 g) = 0.00224 mW/g

Maximum value of SAR (measured) = 0.022 mW/g

