

Test Laboratory: Compliance Certification Services Inc.

## D900v2 SN179

**DUT: Dipole 900 MHz; Type: D900V2; Serial: 179**

Communication System: GSM 900; Frequency: 900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 1.03 \text{ mho/m}$ ;  $\epsilon_r = 55.9$ ;  $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 25.3 deg C; Liquid Temperature: 24.3 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1763; ConvF(6.14, 6.14, 6.14); Calibrated: 3/23/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

**d=10mm, Pin=250mW 2/Area Scan (6x6x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 55.4 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 2.54 mW/g

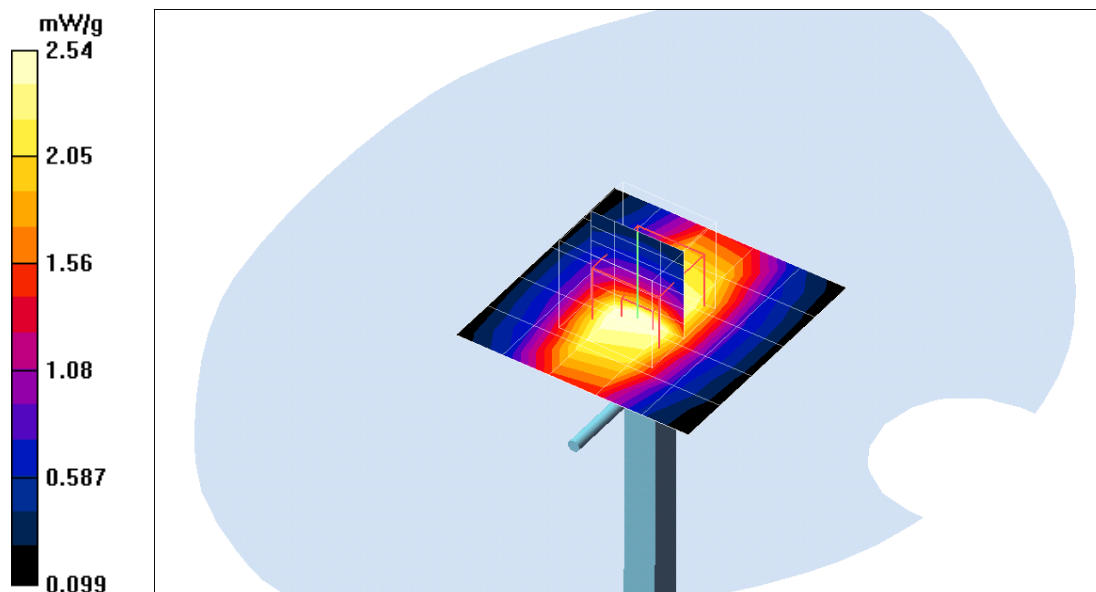
**d=10mm, Pin=250mW 2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 55.4 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 2.89 mW/g

Peak SAR (extrapolated) = 3.88 W/kg

**SAR(1 g) = 2.68 mW/g; SAR(10 g) = 1.70 mW/g**



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## **D1800V2 SN-3**

**DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d062**

Communication System: CW1800; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Air Temperature: 25.3 deg C; Liquid Temperature: 24.3 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1763; ConvF(5.34, 5.34, 5.34); Calibrated: 3/23/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)  
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

**Pin=250mW,d=10mm 2/Area Scan (6x6x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 94.9 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 7.47 mW/g

**Pin=250mW,d=10mm 2/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 94.9 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 7.47 mW/g

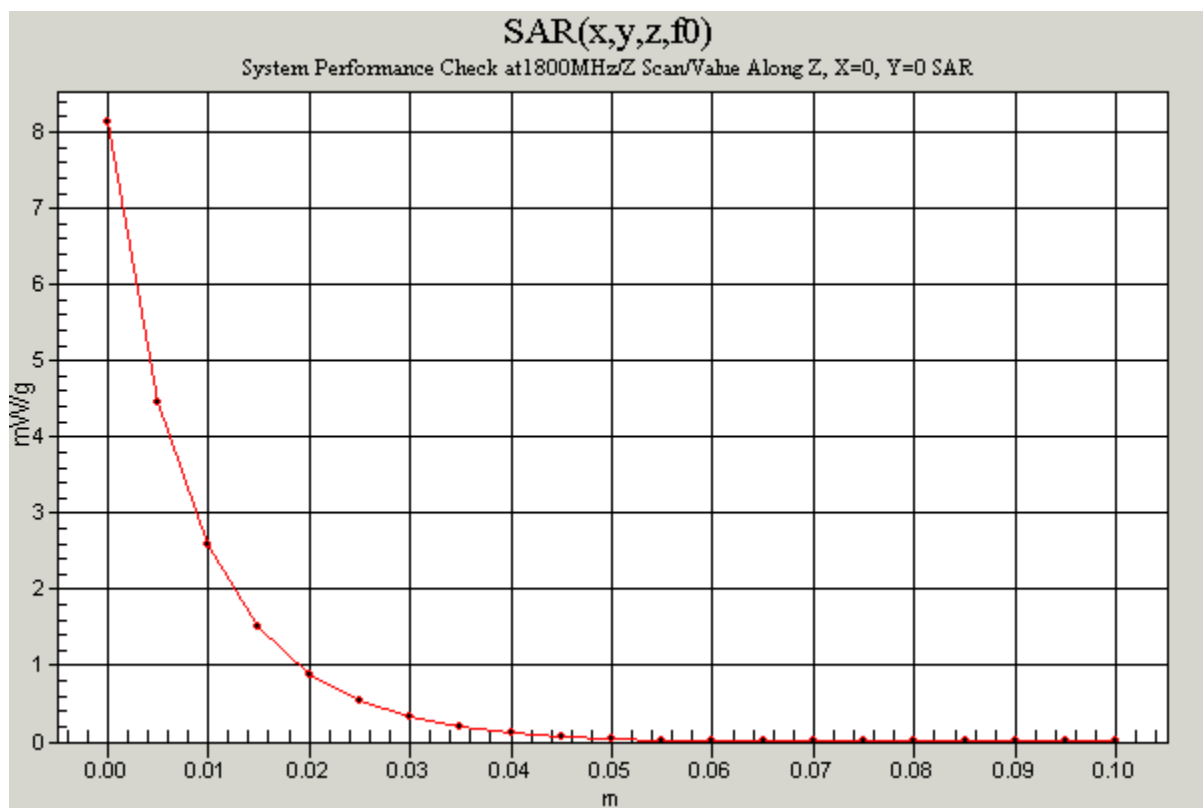
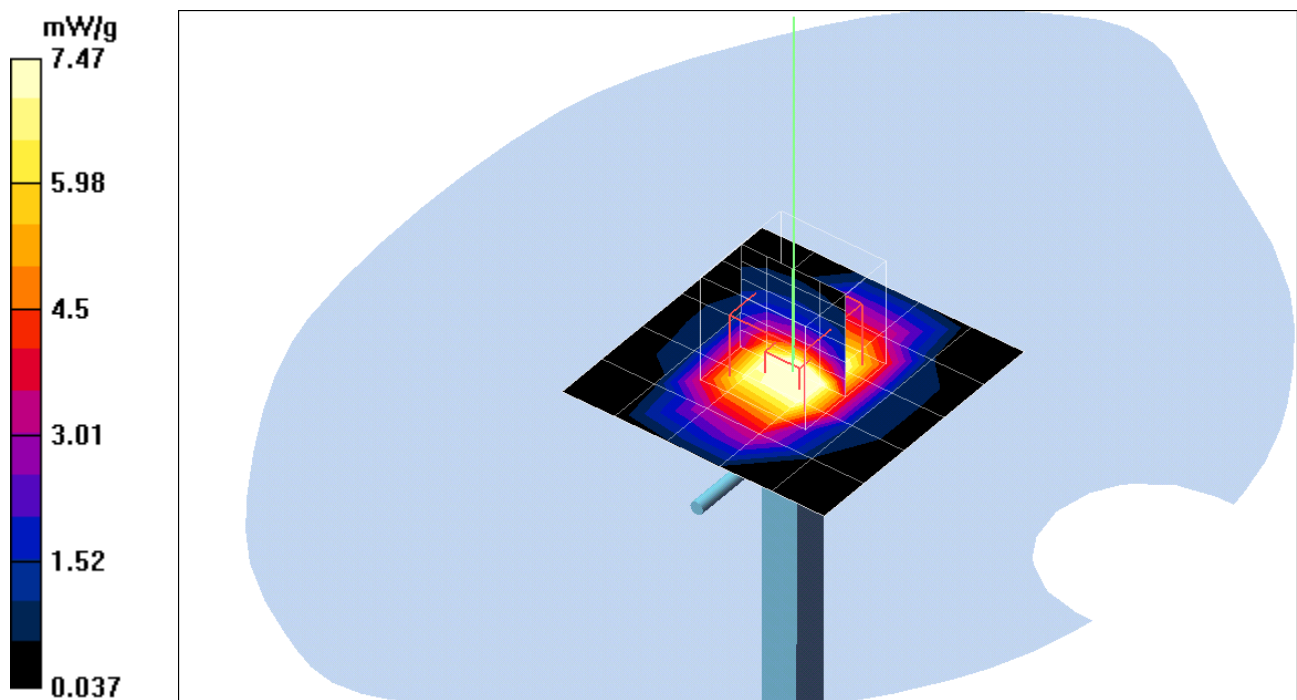
**Pin=250mW,d=10mm 2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 94.9 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 10.9 mW/g

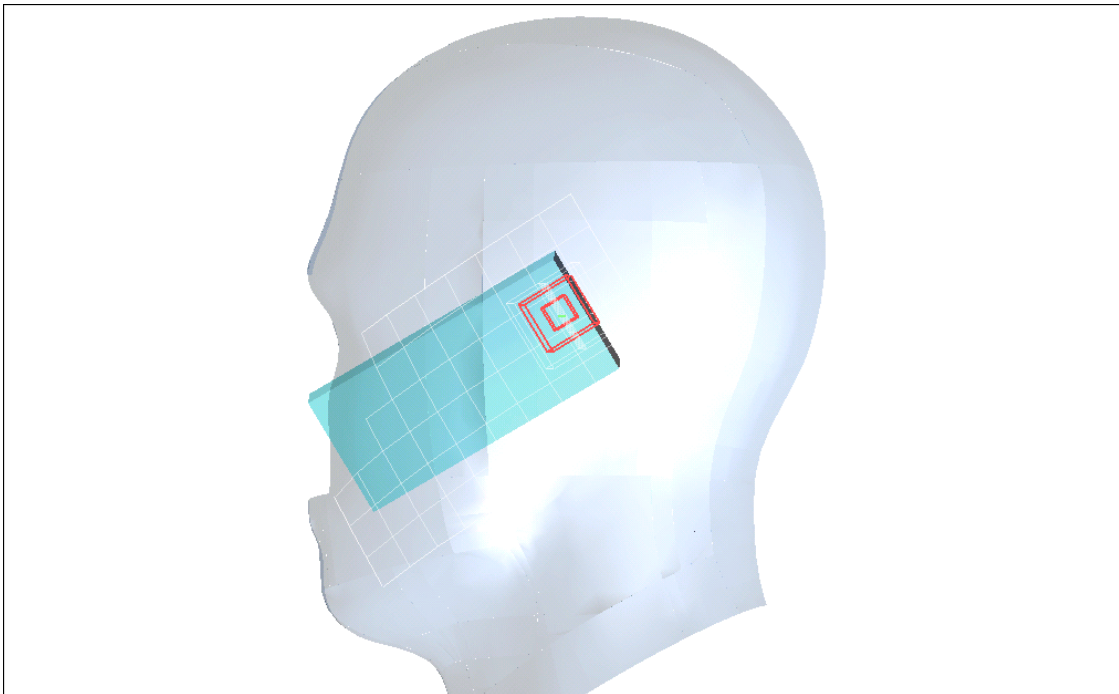
Peak SAR (extrapolated) = 17.1 W/kg

**SAR(1 g) = 9.63 mW/g; SAR(10 g) = 5.07 mW/g**



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# Right Head



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## CDMA PCS

**DUT: ST10B; Type: Dual Band (Cellular & PCS Band) Phone; Serial: N/A**

Communication System: CDMA PCS; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Air Temperature: 25.3 deg C; Liquid Temperature: 24.3 deg C

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1763; ConvF(5.34, 5.34, 5.34); Calibrated: 3/23/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)  
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

**Tilted CH=600/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 20.2 V/m; Power Drift = 0.2 dB

Maximum value of SAR (measured) = 1.28 mW/g

**Tilted CH=600/Z Scan (1x1x6):** Measurement grid: dx=20mm, dy=20mm, dz=20mm

Reference Value = 20.2 V/m; Power Drift = 0.2 dB

Maximum value of SAR (measured) = 0.947 mW/g

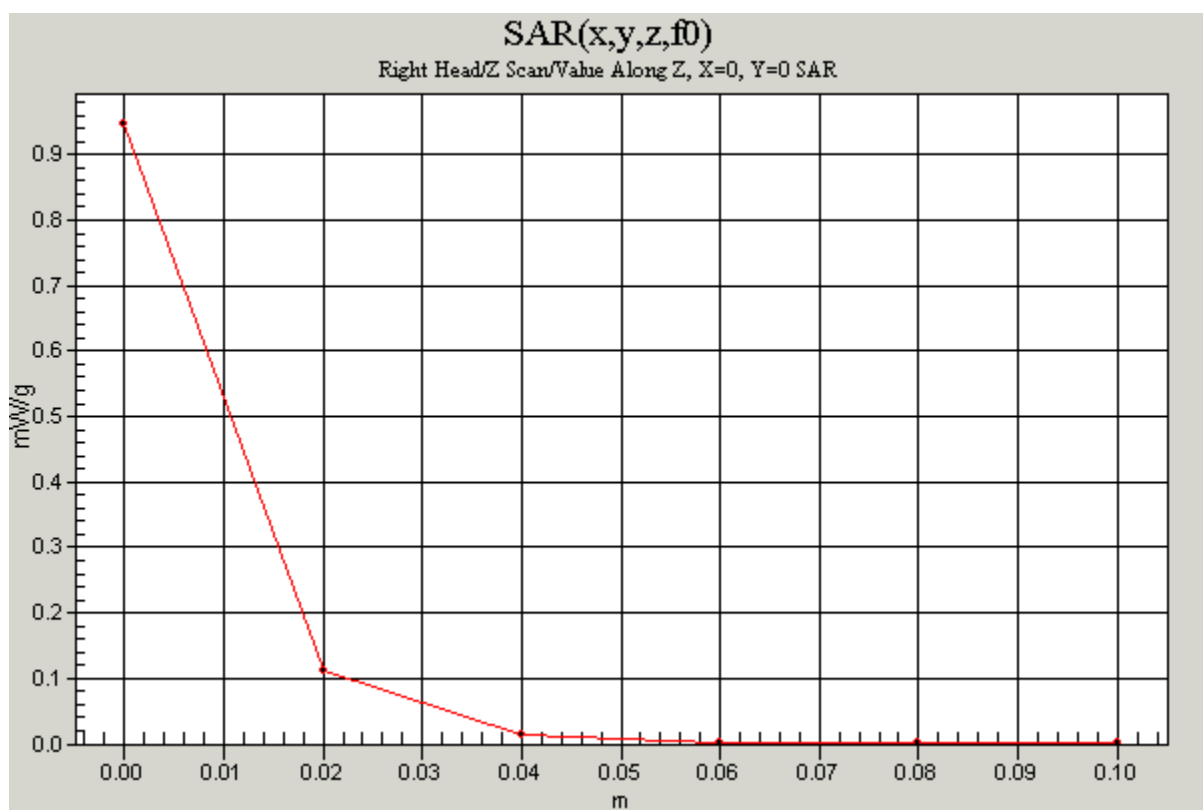
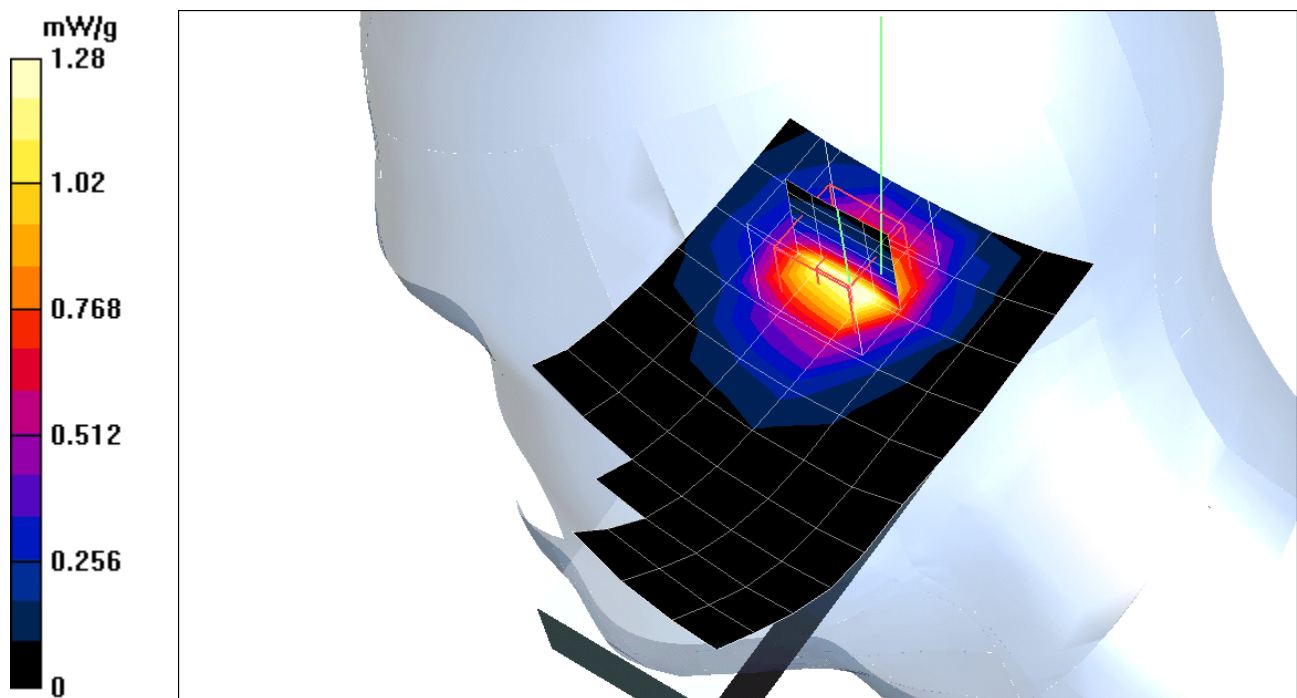
**Tilted CH=600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 20.2 V/m; Power Drift = 0.2 dB

Maximum value of SAR (measured) = 1.44 mW/g

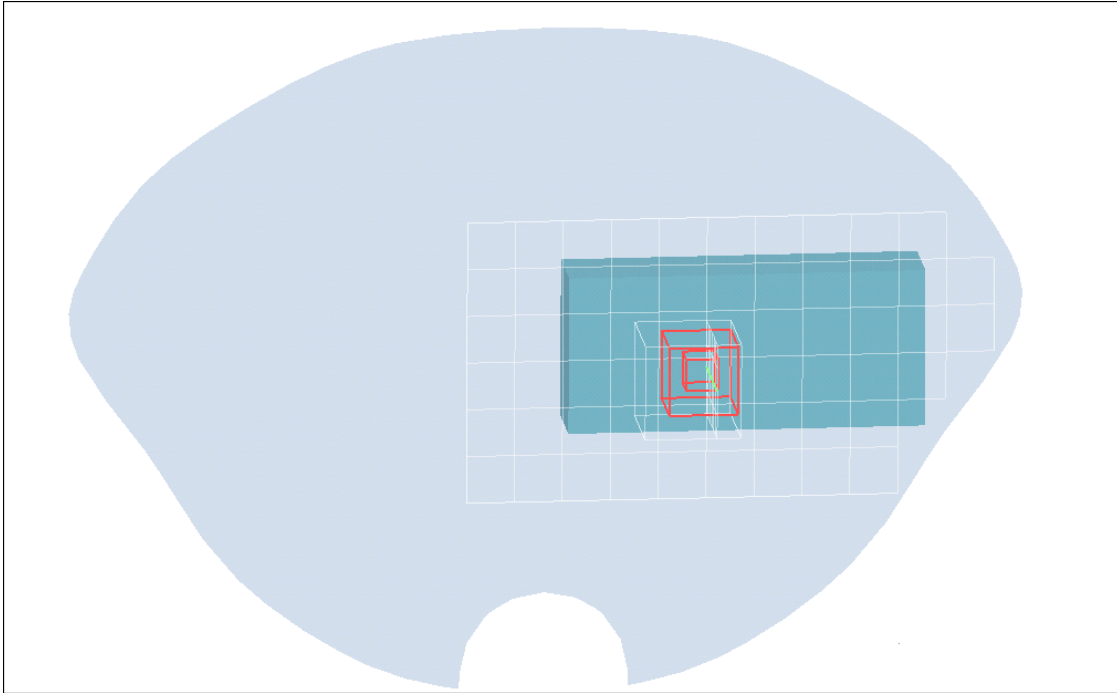
Peak SAR (extrapolated) = 2.1 W/kg

SAR(1 g) = **1.310** mW/g; SAR(10 g) = **0.729** mW/g



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# Body





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## CDMA Body 850

**DUT: ST10B; Type: Dual Band (Cellular & PCS Band) Phone; Serial: N/A**

Communication System: Cellular; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 824.7 \text{ MHz}$ ;  $\sigma = 0.986 \text{ mho/m}$ ;  $\epsilon_r = 56.4$ ;  $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 25.3 deg C; Liquid Temperature: 24.3 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1763; ConvF(6.14, 6.14, 6.14); Calibrated: 3/23/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

**15mm/Area Scan (7x12x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Reference Value = 7.94 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.223 mW/g

**15mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=7.5\text{mm}$ ,  $dy=7.5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 7.94 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.235 mW/g

Peak SAR (extrapolated) = 0.389 W/kg

SAR(1 g) = **0.217 mW/g**; SAR(10 g) = 0.119 mW/g

