

# SAMSUNG FCC ID : A3LSCHA790 -- 835MHz CDMA Head SAR

**DUT: SCH-A795; Serial: FB-066-F**

**Program Name: SCH-A795 CDMA Right (Job No.: FB-066)**

**Procedure Name: Cheek/Touch, Ch.0363, Ant.In, Bat.Standard**

**Procedure Notes: Meas.Tissue Temp(celsius)-21.6;Test Date-29/July/2004[OET Bulletin 65-Supplement C, July 2001]**

Communication System: CDMA; Frequency: 835.89 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 835.89 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(6.82, 6.82, 6.82); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Cheek/Touch, Ch.0363, Ant.In, Bat.Standard/Area Scan (51x71x1):** Measurement grid:

$dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.35 mW/g

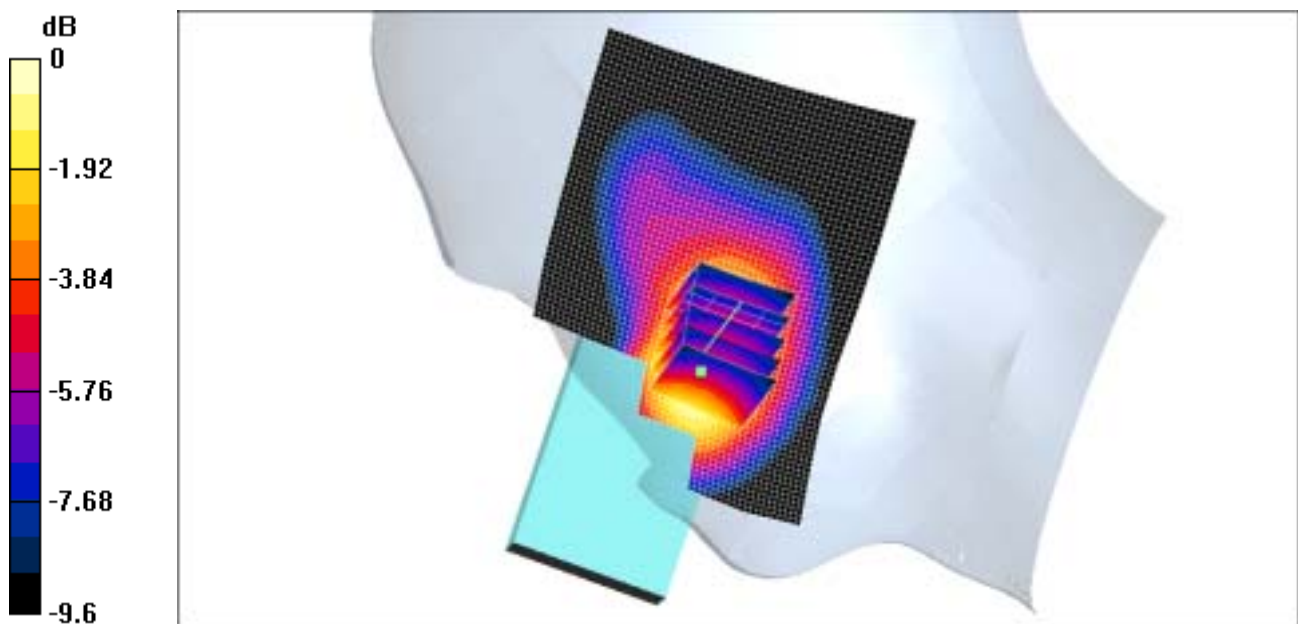
**Cheek/Touch, Ch.0363, Ant.In, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 10.6 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 1.8 W/kg

**SAR(1 g) = 1.3 mW/g**

Maximum value of SAR (measured) = 1.36 mW/g



0 dB = 1.36mW/g

# SAMSUNG FCC ID : A3LSCHA790 -- 835MHz CDMA Head SAR

**DUT: SCH-A795; Serial: FB-066-F**

**Program Name: SCH-A795 CDMA Right (Job No.: FB-066)**

**Procedure Name: Ear/Tilt, Ch.0363, Ant.In, Bat.Standard**

**Procedure Notes: Meas.Tissue Temp(celsius)-21.6;Test Date-29/July/2004[OET Bulletin 65-Supplement C, July 2001]**

Communication System: CDMA; Frequency: 835.89 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 835.89 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(6.82, 6.82, 6.82); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Ear/Tilt, Ch.0363, Ant.In, Bat.Standard/Area Scan (51x71x1):** Measurement grid:

$dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.308 mW/g

**Ear/Tilt, Ch.0363, Ant.In, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

$dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 11.4 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.374 W/kg

**SAR(1 g) = 0.293 mW/g**

Maximum value of SAR (measured) = 0.308 mW/g

**Ear/Tilt, Ch.0363, Ant.In, Bat.Standard/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:

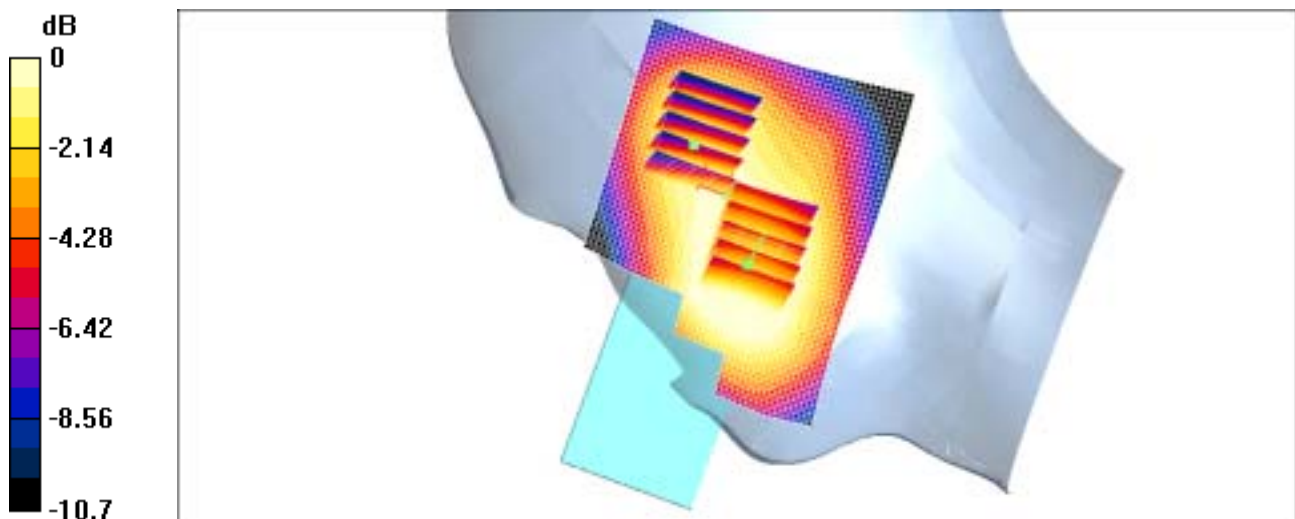
$dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 11.4 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.279 W/kg

**SAR(1 g) = 0.214 mW/g**

Maximum value of SAR (measured) = 0.239 mW/g



0 dB = 0.239mW/g

# SAMSUNG FCC ID : A3LSCHA790 -- 835MHz CDMA Head SAR

**DUT: SCH-A795; Serial: FB-066-F**

**Program Name: SCH-A795 CDMA Left (Job No.: FB-066)**

**Procedure Name: Cheek/Touch, Ch.0363, Ant.In, Bat.Standard**

**Procedure Notes: Meas.Tissue Temp(celsius)-21.6;Test Date-29/July/2004[OET Bulletin 65-Supplement C, July 2001]**

Communication System: CDMA; Frequency: 835.89 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 835.89 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(6.82, 6.82, 6.82); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Cheek/Touch, Ch.0363, Ant.In, Bat.Standard/Area Scan (61x91x1):** Measurement grid:

$dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.57 mW/g

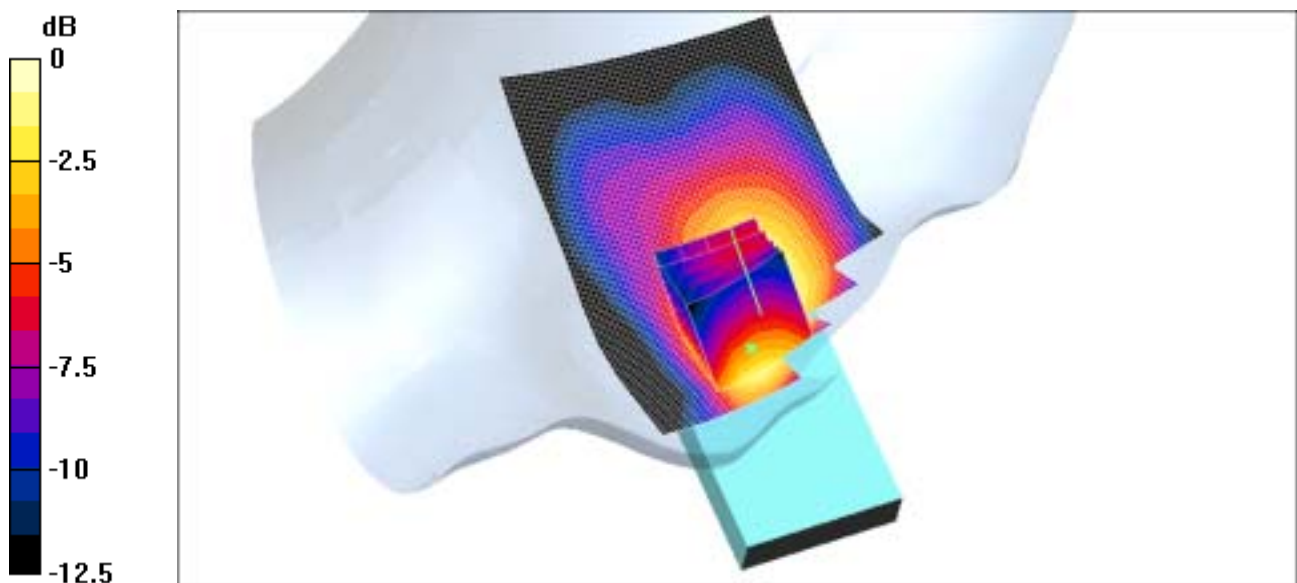
**Cheek/Touch, Ch.0363, Ant.In, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 9.47 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 1.83 W/kg

**SAR(1 g) = 1.42 mW/g**

Maximum value of SAR (measured) = 1.54 mW/g



0 dB = 1.54mW/g

# SAMSUNG FCC ID : A3LSCHA790 -- 835MHz CDMA Head SAR

**DUT: SCH-A795; Serial: FB-066-F**

**Program Name: SCH-A795 CDMA Left (Job No.: FB-066)**

**Procedure Name: Ear/Tilt, Ch.0363, Ant.In, Bat.Standard**

**Procedure Notes: Meas.Tissue Temp(celsius)-21.6;Test Date-29/July/2004[OET Bulletin 65-Supplement C, July 2001]**

Communication System: CDMA; Frequency: 835.89 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 835.89 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(6.82, 6.82, 6.82); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Ear/Tilt, Ch.0363, Ant.In, Bat.Standard/Area Scan (51x71x1):** Measurement grid:

$dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.368 mW/g

**Ear/Tilt, Ch.0363, Ant.In, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

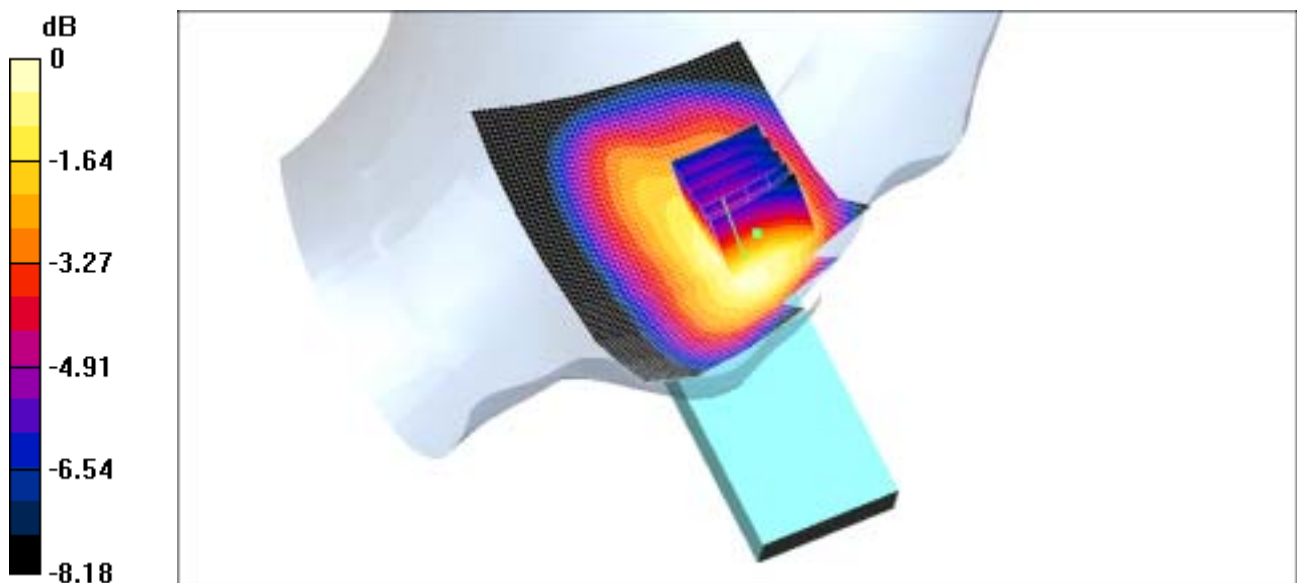
$dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 11.8 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 0.456 W/kg

**SAR(1 g) = 0.356 mW/g**

Maximum value of SAR (measured) = 0.367 mW/g



0 dB = 0.367mW/g

**SAMSUNG FCC ID : A3LSCHA790 -- 1900MHz PCS CDMA Head SAR**

**DUT: SCH-A795; Serial: FB-066-F**

**Program Name: SCH-A795 PCS Right (Job No.: FB-066)**

**Procedure Name: Cheek/Touch, Ch.1175, Ant.In, Bat.Standard**

**Procedure Notes: Meas.Tissue Temp(celsius)-21.4;Test Date-30/Oct/2004[OET Bulletin 65-Supplement C, July 2001]**

Communication System: PCS; Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 1908.75 \text{ MHz}$ ;  $\sigma = 1.43 \text{ mho/m}$ ;  $\epsilon_r = 38.5$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(5.38, 5.38, 5.38); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Cheek/Touch, Ch.1175, Ant.In, Bat.Standard/Area Scan (51x71x1):** Measurement grid:

$dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.665 mW/g

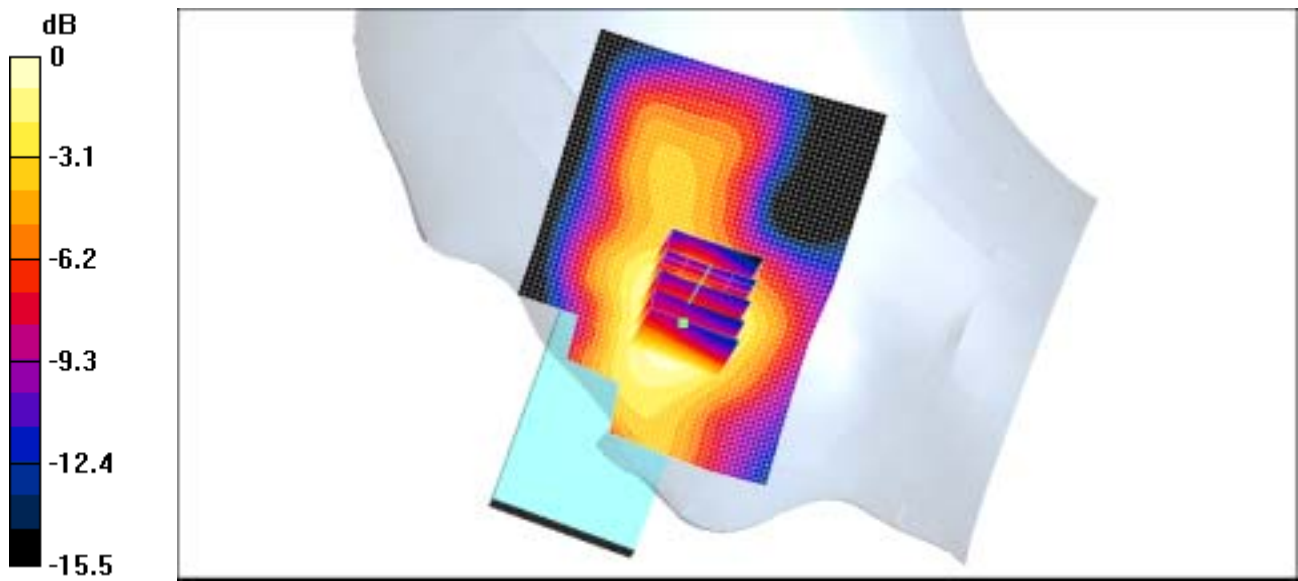
**Cheek/Touch, Ch.1175, Ant.In, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 10.2 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.946 W/kg

**SAR(1 g) = 0.598 mW/g**

Maximum value of SAR (measured) = 0.655 mW/g



0 dB = 0.655mW/g

# SAMSUNG FCC ID : A3LSCHA790 -- 1900MHz PCS CDMA Head SAR

**DUT: SCH-A795; Serial: FB-066-F**

**Program Name: SCH-A795 PCS Right (Job No.: FB-066)**

**Procedure Name: Ear/Tilt, Ch.0600, Ant.In, Bat.Standard**

**Procedure Notes: Meas.Tissue Temp(celsius)-21.4;Test Date-30/Oct/2004[OET Bulletin 65-Supplement C, July 2001]**

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

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.43 \text{ mho/m}$ ;  $\epsilon_r = 38.5$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(5.38, 5.38, 5.38); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Ear/Tilt, Ch.0600, Ant.In, Bat.Standard/Area Scan (51x71x1):** Measurement grid:

$dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.138 mW/g

**Ear/Tilt, Ch.0600, Ant.In, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

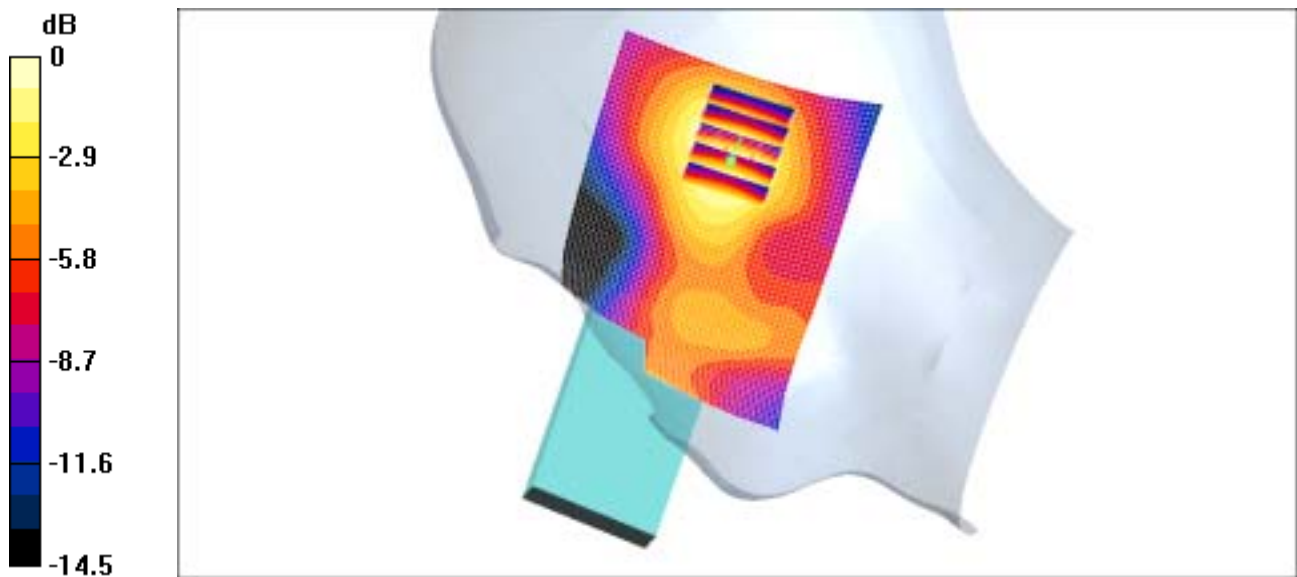
$dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 10.2 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 0.168 W/kg

**SAR(1 g) = 0.128 mW/g**

Maximum value of SAR (measured) = 0.139 mW/g



0 dB = 0.139mW/g

# SAMSUNG FCC ID : A3LSCHA790 -- 1900MHz PCS CDMA Head SAR

**DUT: SCH-A795; Serial: FB-066-F**

**Program Name: SCH-A795 PCS Left (Job No.: FB-066)**

**Procedure Name: Cheek/Touch, Ch.1175, Ant.In, Bat.Standard**

**Procedure Notes: Meas.Tissue Temp(celsius)-21.4;Test Date-30/Oct/2004[OET Bulletin 65-Supplement C, July 2001]**

Communication System: PCS; Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 1908.75$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 38.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(5.38, 5.38, 5.38); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Cheek/Touch, Ch.1175, Ant.In, Bat.Standard/Area Scan (51x71x1):** Measurement grid:

$dx=20$ mm,  $dy=20$ mm

Maximum value of SAR (interpolated) = 0.500 mW/g

**Cheek/Touch, Ch.1175, Ant.In, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 9.62 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.810 W/kg

**SAR(1 g) = 0.546 mW/g**

Maximum value of SAR (measured) = 0.562 mW/g

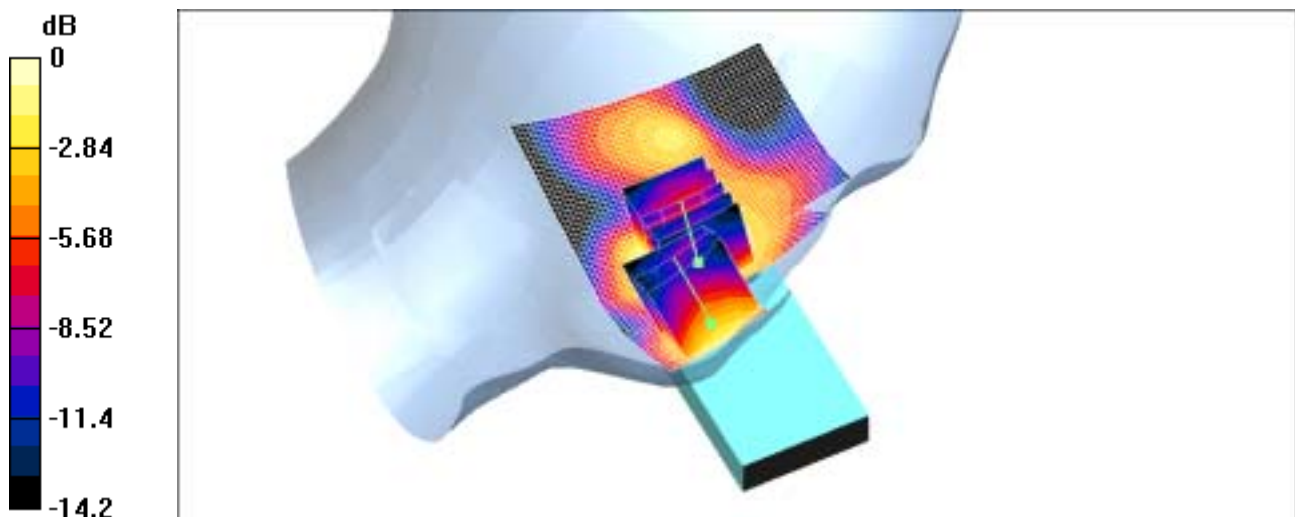
**Cheek/Touch, Ch.1175, Ant.In, Bat.Standard/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 9.62 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.556 W/kg

**SAR(1 g) = 0.393 mW/g**

Maximum value of SAR (measured) = 0.421 mW/g



0 dB = 0.421mW/g

# SAMSUNG FCC ID : A3LSCHA790 -- 1900MHz PCS CDMA Head SAR

**DUT: SCH-A795; Serial: FB-066-F**

**Program Name: SCH-A795 PCS Left (Job No.: FB-066)**

**Procedure Name: Ear/Tilt, Ch.0600, Ant.In, BatStandard**

**Procedure Notes: Meas.Tissue Temp(celsius)-21.4;Test Date-30/Oct/2004[OET Bulletin 65-Supplement C, July 2001]**

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

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.43 \text{ mho/m}$ ;  $\epsilon_r = 38.5$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(5.38, 5.38, 5.38); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Ear/Tilt, Ch.0600, Ant.In, BatStandard/Area Scan (51x71x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.194 \text{ mW/g}$

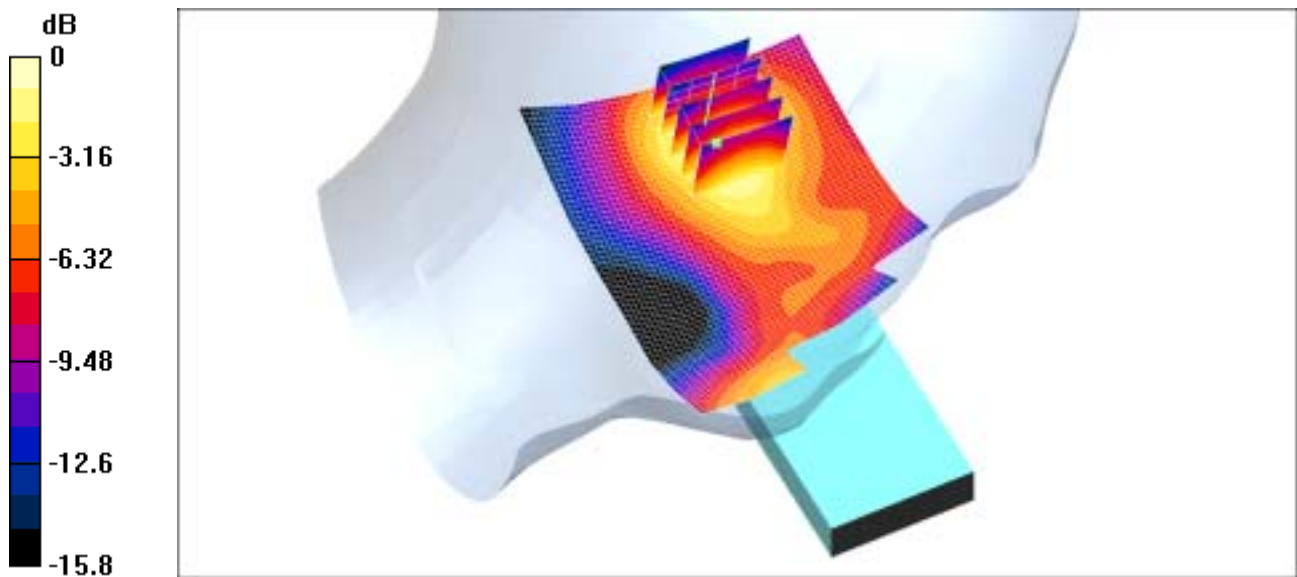
**Ear/Tilt, Ch.0600, Ant.In, BatStandard/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $10.8 \text{ V/m}$ ; Power Drift =  $-0.0 \text{ dB}$

Peak SAR (extrapolated) =  $0.232 \text{ W/kg}$

**SAR(1 g) =  $0.164 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.177 \text{ mW/g}$



0 dB =  $0.177\text{mW/g}$

**SAMSUNG FCC ID : A3LSCHA790 -- 835MHz CDMA Body SAR**

**DUT: SCH-A795 (Body); Serial: FB-066-F**

**Program Name: SCH-A795 CDMA Body (Job No.: FB-066)**

**Procedure Name: Body, Ch.0363, Ant.In, Bat.Standard**

**Procedure Notes: Meas.Tissue Temp(celsius)-21.5;Test Date-29/Oct/2004[OET Bulletin 65-Supplement C, July 2001]**

Communication System: CDMA; Frequency: 835.89 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 835.89 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(6.69, 6.69, 6.69); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Body, Ch.0363, Ant.In, Bat.Standard/Area Scan (51x71x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.704 mW/g

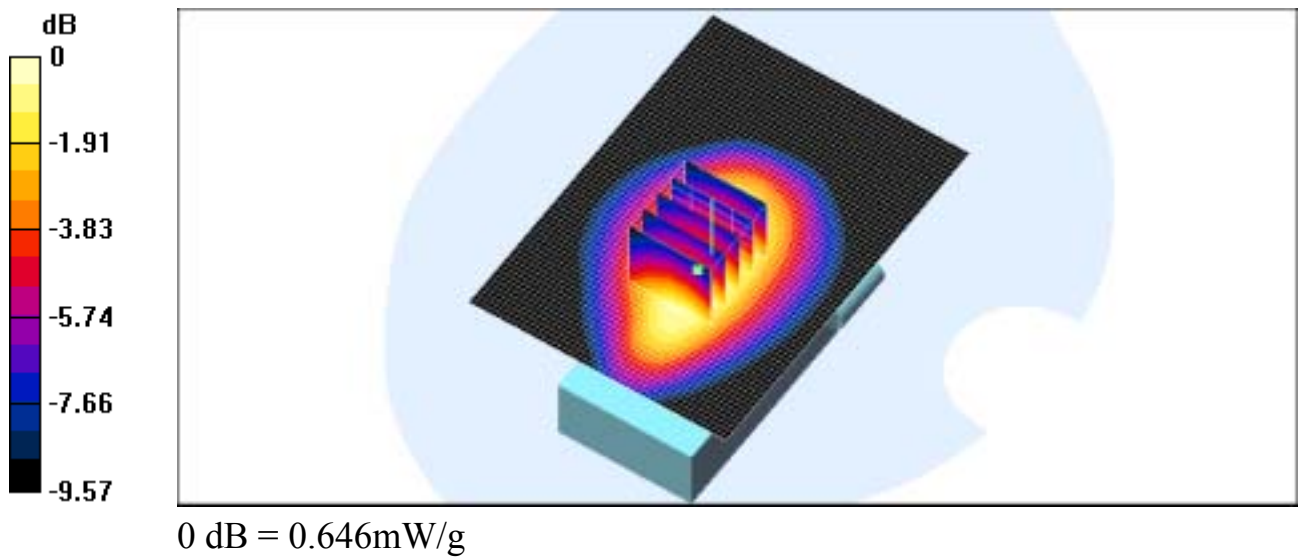
**Body, Ch.0363, Ant.In, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 22.2 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 0.780 W/kg

**SAR(1 g) = 0.612 mW/g**

Maximum value of SAR (measured) = 0.646 mW/g



# SAMSUNG FCC ID : A3LSCHA790 -- 1900MHz PCS CDMA Body SAR

**DUT: SCH-A795 (Body); Serial: FB-066-F**

**Program Name: SCH-A795 PCS Body (Job No.: FB-066)**

**Procedure Name: Body, Ch.1175, Ant.In, Bat.Standard**

**Procedure Notes: Meas.Tissue Temp(celsius)-21.0;Test Date-30/Oct/2004[OET Bulletin 65-Supplement C, July 2001]**

Communication System: PCS; Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium parameters used:  $\sigma = 1.57$ ; mho/m,  $\epsilon_r = 51.4$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(4.62, 4.62, 4.62); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Body, Ch.1175, Ant.In, Bat.Standard/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.935 mW/g

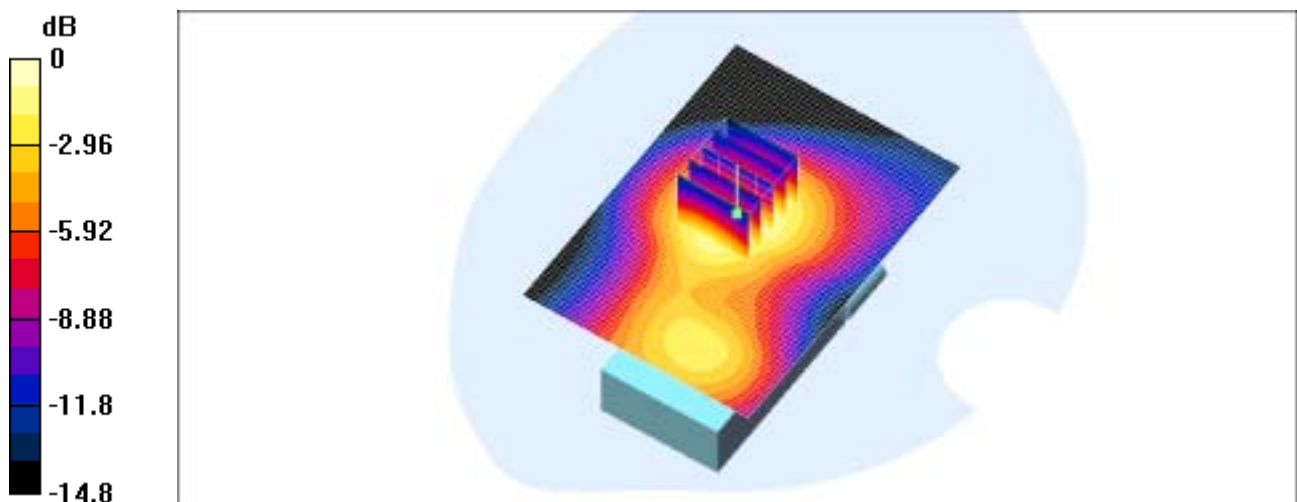
**Body, Ch.1175, Ant.In, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.746 mW/g**

Maximum value of SAR (measured) = 0.793 mW/g



0 dB = 0.793mW/g

# SAMSUNG FCC ID : A3LSCHA790 -- 835MHz CDMA Head SAR

**DUT: SCH-A795; Serial: FB-066-F**

**Program Name: SCH-A795 CDMA Left (Job No.: FB-066)**

**Procedure Name: Cheek/Touch, Ch.0363, Ant.In, Bat.Standard**

**Procedure Notes: Meas.Tissue Temp(celsius)-21.6;Test Date-29/July/2004[OET Bulletin 65-Supplement C, July 2001]**

Communication System: CDMA; Frequency: 835.89 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 835.89 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(6.82, 6.82, 6.82); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Cheek/Touch, Ch.0363, Ant.In, Bat.Standard/Area Scan (61x91x1):** Measurement grid:

$dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.57 mW/g

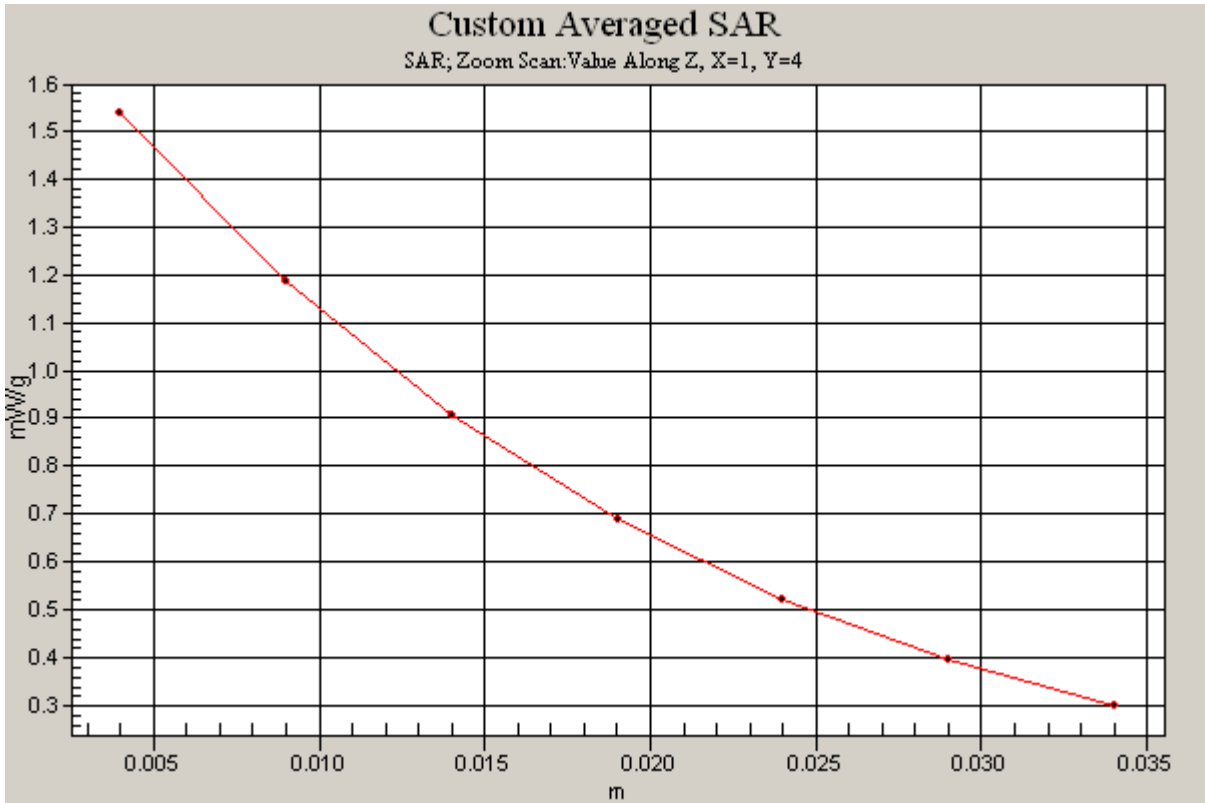
**Cheek/Touch, Ch.0363, Ant.In, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 9.47 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 1.83 W/kg

**SAR(1 g) = 1.42 mW/g**

Maximum value of SAR (measured) = 1.54 mW/g



# SAMSUNG FCC ID : A3LSCHA790 -- 1900MHz PCS CDMA Head SAR

**DUT: SCH-A795; Serial: FB-066-F**

**Program Name: SCH-A795 PCS Right (Job No.: FB-066)**

**Procedure Name: Cheek/Touch, Ch.1175, Ant.In, Bat.Standard**

**Procedure Notes: Meas.Tissue Temp(celsius)-21.4;Test Date-30/Oct/2004[OET Bulletin 65-Supplement C, July 2001]**

Communication System: PCS; Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 1908.75 \text{ MHz}$ ;  $\sigma = 1.43 \text{ mho/m}$ ;  $\epsilon_r = 38.5$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(5.38, 5.38, 5.38); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Cheek/Touch, Ch.1175, Ant.In, Bat.Standard/Area Scan (51x71x1):** Measurement grid:  
 $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.665 mW/g

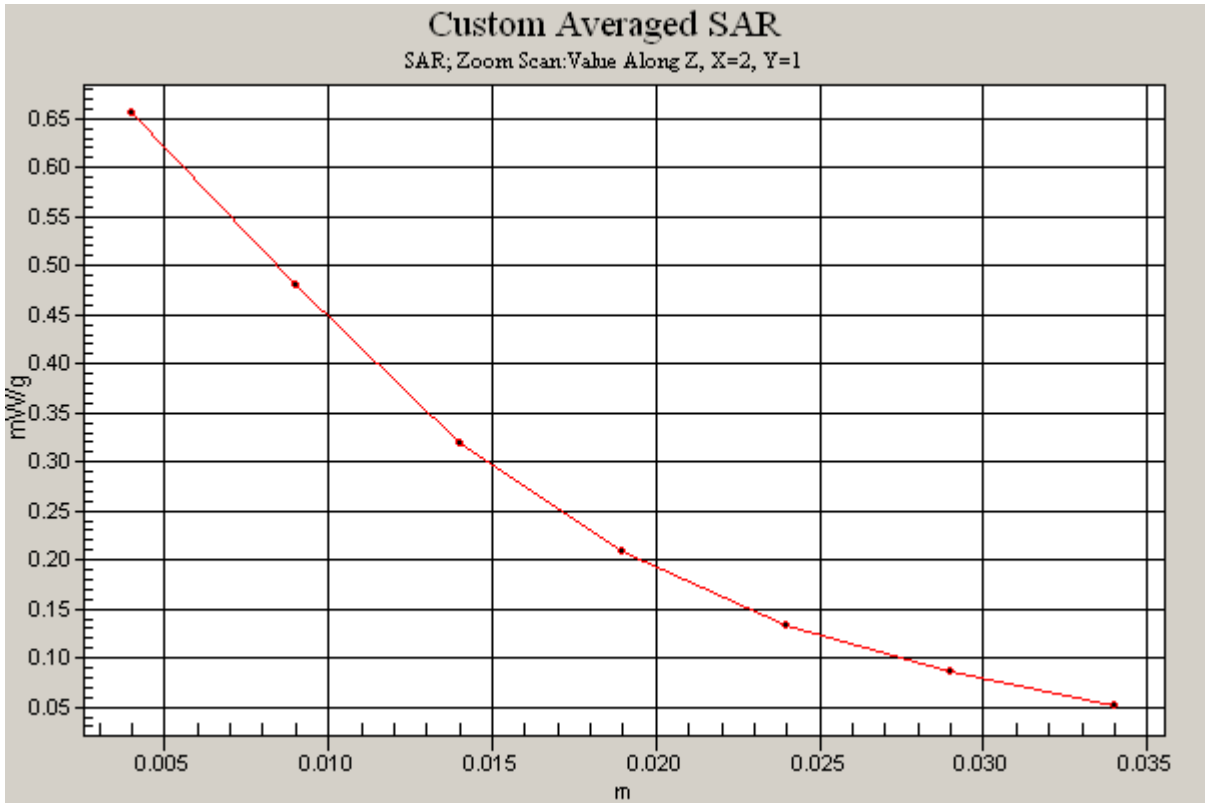
**Cheek/Touch, Ch.1175, Ant.In, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 10.2 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.946 W/kg

**SAR(1 g) = 0.598 mW/g**

Maximum value of SAR (measured) = 0.655 mW/g



# SAMSUNG FCC ID : A3LSCHA790 -- 835MHz CDMA Body SAR

**DUT:** SCH-A795 (Body); **Serial:** FB-066-F  
**Program Name:** SCH-A795 CDMA Body (Job No.: FB-066)  
**Procedure Name:** Body, Ch.0363, Ant.In, Bat.Standard  
**Procedure Notes:** Meas.Tissue Temp(celsius)-21.5;Test Date-29/Oct/2004[OET Bulletin 65-Supplement C, July 2001]

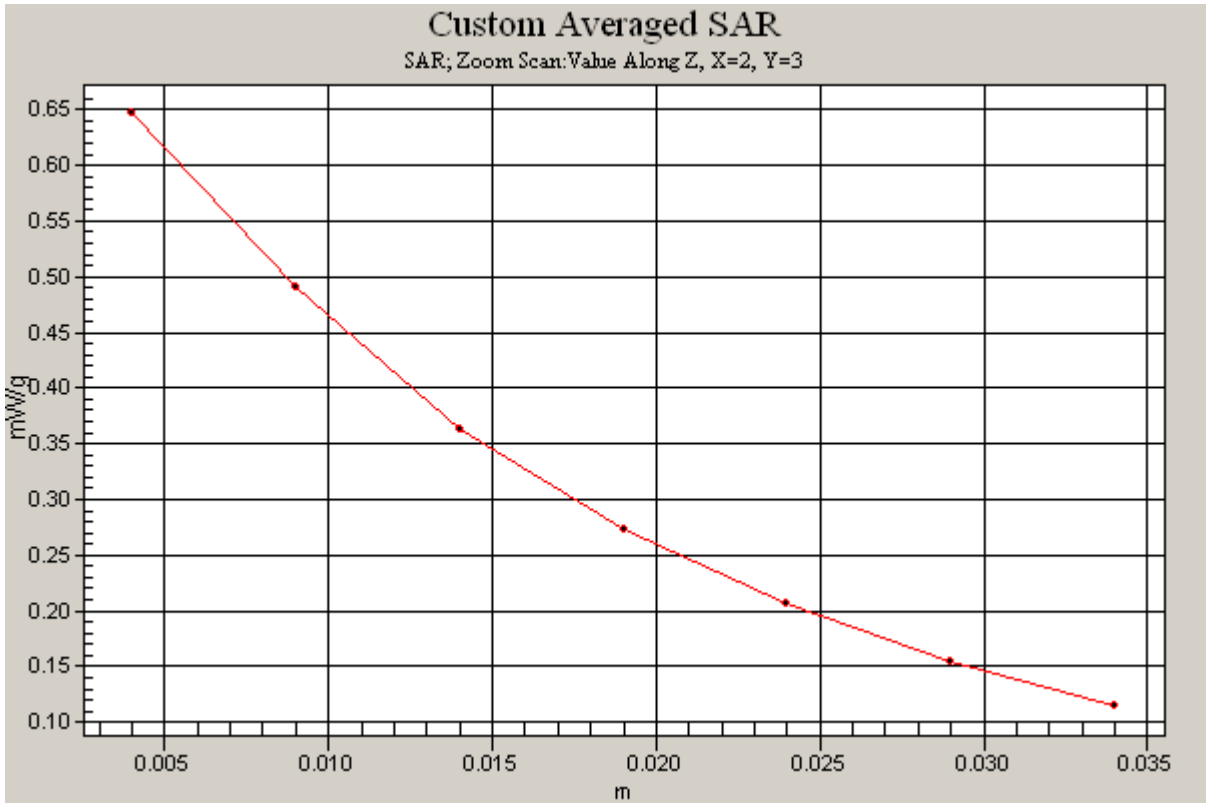
Communication System: CDMA; Frequency: 835.89 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 835.89 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(6.69, 6.69, 6.69); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Body, Ch.0363, Ant.In, Bat.Standard/Area Scan (51x71x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$   
Maximum value of SAR (interpolated) = 0.704 mW/g

**Body, Ch.0363, Ant.In, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 22.2 V/m; Power Drift = -0.0 dB  
Peak SAR (extrapolated) = 0.780 W/kg  
**SAR(1 g) = 0.612 mW/g**  
Maximum value of SAR (measured) = 0.646 mW/g



# SAMSUNG FCC ID : A3LSCHA790 -- 1900MHz PCS CDMA Body SAR

**DUT: SCH-A795 (Body); Serial: FB-066-F**  
**Program Name: SCH-A795 PCS Body (Job No.: FB-066)**  
**Procedure Name: Body, Ch.1175, Ant.IN, Bat.Standard**  
**Procedure Notes: Meas.Tissue Temp(celsius)-21.0;Test Date-30/Oct/2004[OET Bulletin 65-Supplement C, July 2001]**

Communication System: PCS; Frequency: 1908.75 MHz;Duty Cycle: 1:1  
Medium parameters used:  $\sigma = 1.57$ ; mho/m,  $\epsilon_r = 51.3918$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

## DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(4.62, 4.62, 4.62); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Body, Ch.1175, Ant.IN, Bat.Standard/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.935 mW/g

**Body, Ch.1175, Ant.IN, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 20 V/m; Power Drift = -0.0 dB  
Peak SAR (extrapolated) = 1.13 W/kg  
**SAR(1 g) = 0.746 mW/g**  
Maximum value of SAR (measured) = 0.793 mW/g

