

SAMSUNG FCC ID : A3LSCHX799 -- 835MHz CDMA Head SAR

DUT: SCH-X799; Serial: FC-017-D

Program Name: SCH-X799 CDMA Right(Job No. : FC-017)

Procedure Name: Cheek/Touch, Ch.0777, Ant.Fixed, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.6;Test Date-15/Feb/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 848.31 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.33, 6.33, 6.33); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Cheek/Touch, Ch.0777, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.17 mW/g

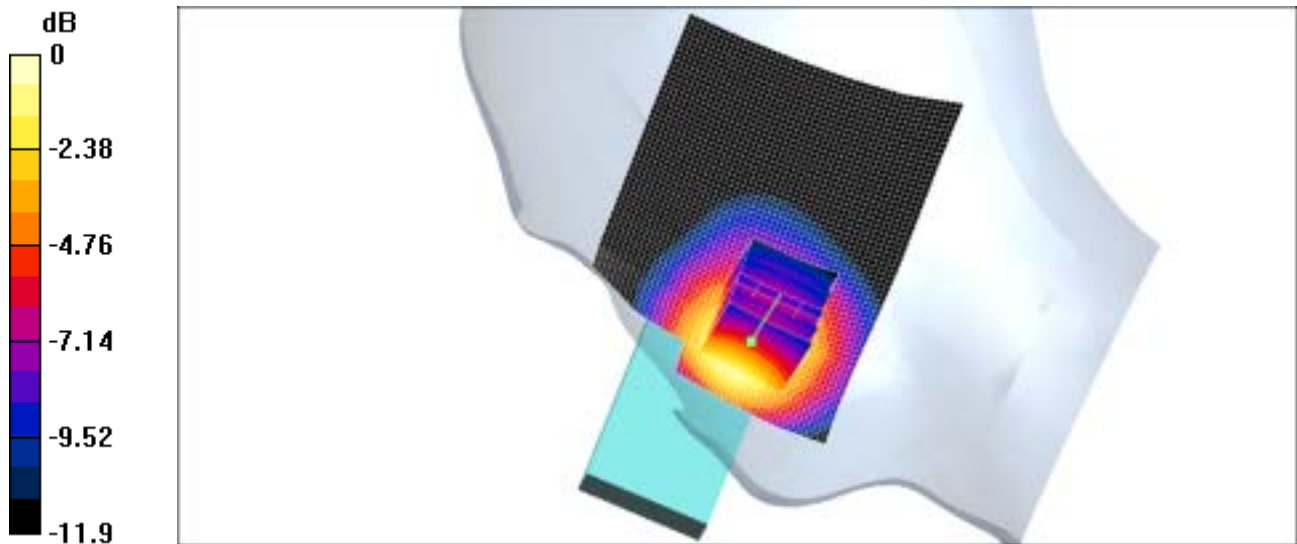
Cheek/Touch, Ch.0777, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.85 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 1.12 mW/g

Maximum value of SAR (measured) = 1.2 mW/g



0 dB = 1.2mW/g

SAMSUNG FCC ID : A3LSCHX799 -- 835MHz CDMA Head SAR

DUT: SCH-X799; Serial: FC-017-D

Program Name: SCH-X799 CDMA Right Tilt(Job No. : FC-017)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.6;Test Date-15/Feb/2005[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 835.89 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 41.3$; $\rho = 1000 \text{ kg/m}^3$

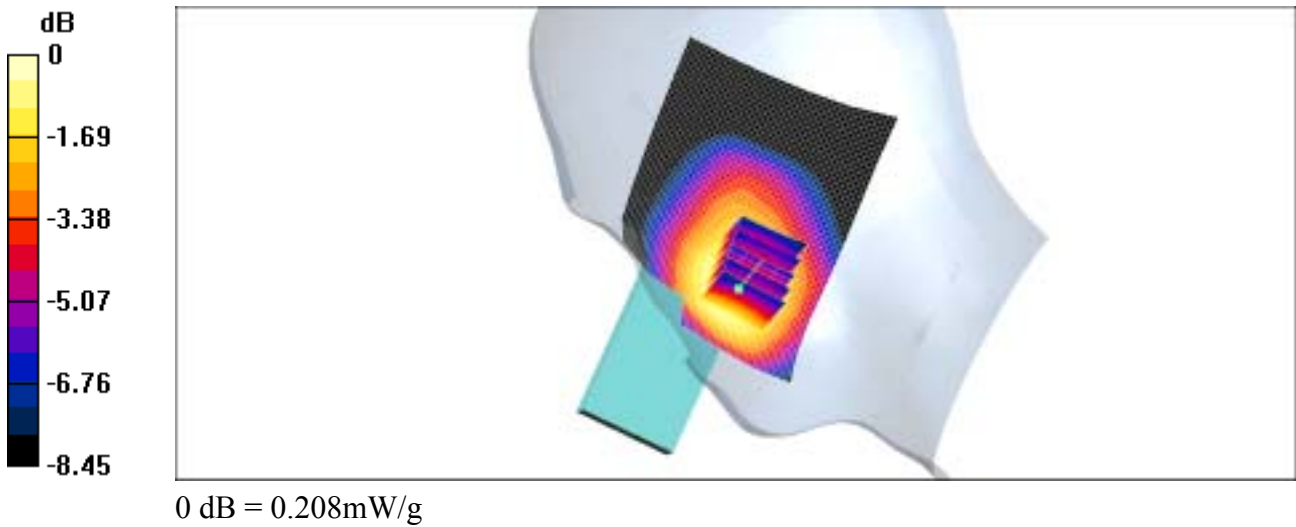
Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.33, 6.33, 6.33); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Ear/Tilt, Ch.0363, Ant. Fixed, Bat. Standard/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.209 mW/g

Ear/Tilt, Ch.0363, Ant. Fixed, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 7.12 V/m; Power Drift = 0.0 dB
Peak SAR (extrapolated) = 0.255 W/kg
SAR(1 g) = 0.197 mW/g
Maximum value of SAR (measured) = 0.208 mW/g



SAMSUNG FCC ID : A3LSCHX799 -- 835MHz CDMA Head SAR

DUT: SCH-X799; Serial: FC-017-D

Program Name: SCH-X799 CDMA Left(Job No. : FC-017)

Procedure Name: Cheek/Touch, Ch.0777, Ant.Fixed, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.6;Test Date-15/Feb/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 848.31 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 41.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.33, 6.33, 6.33); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Cheek/Touch, Ch.0777, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.992 mW/g

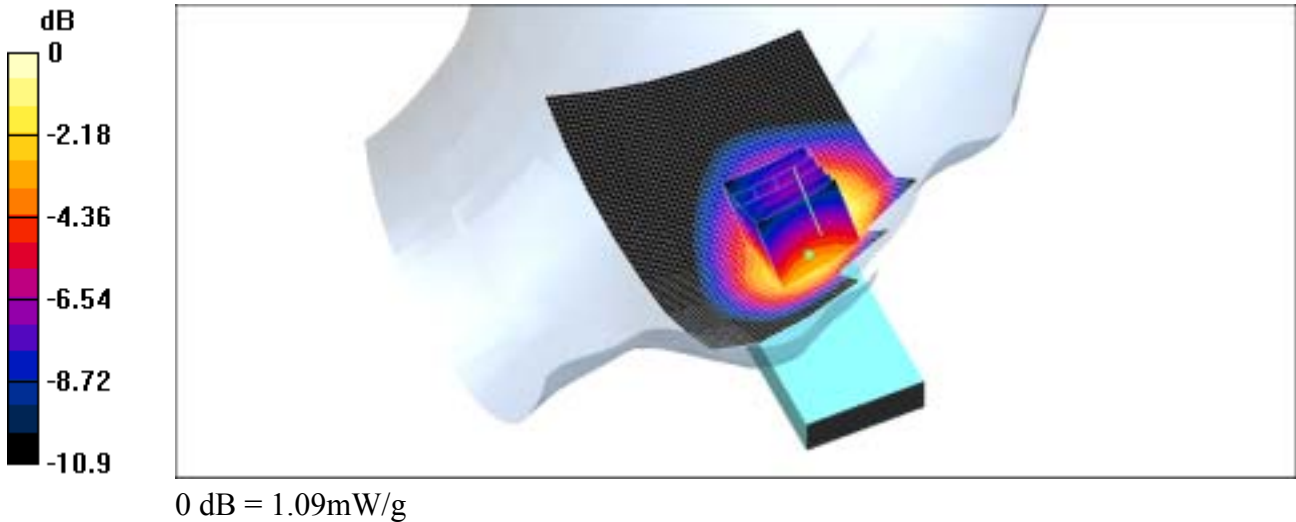
Cheek/Touch, Ch.0777, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.73 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 1.06 mW/g

Maximum value of SAR (measured) = 1.09 mW/g



SAMSUNG FCC ID : A3LSCHX799 -- 835MHz CDMA Head SAR

DUT: SCH-X799; Serial: FC-017-D

Program Name: SCH-X799 CDMA Left Tilt(Job No. : FC-017)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.6;Test Date-15/Feb/2005[OET Bulletin 65-Supplement C, July 2001]

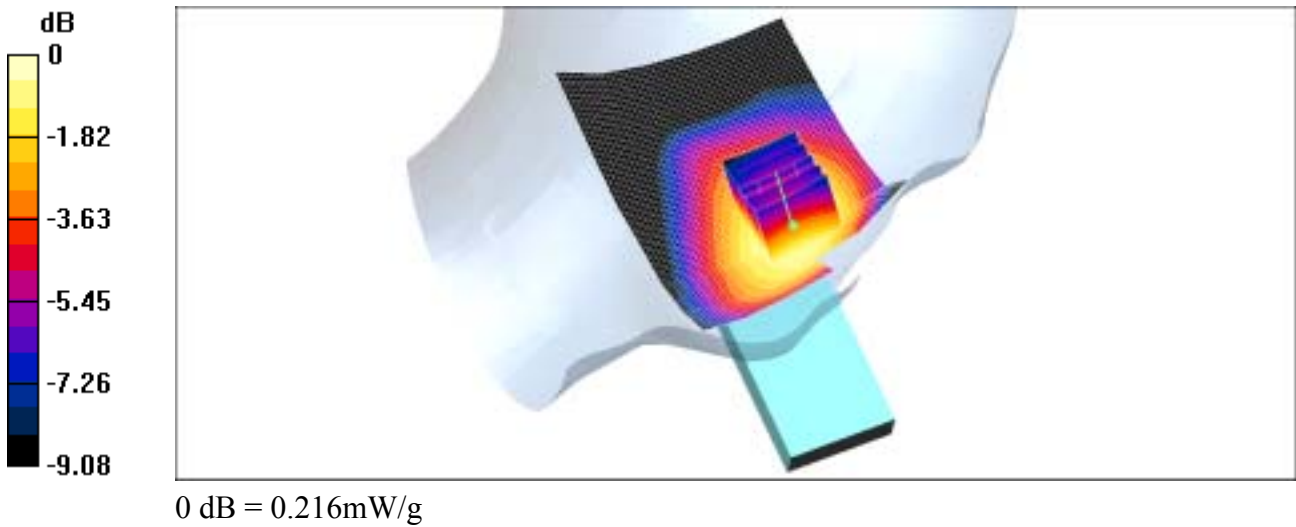
Communication System: CDMA; Frequency: 835.89 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 835.89 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 41.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.33, 6.33, 6.33); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Ear/Tilt, Ch.0363, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.224 mW/g

Ear/Tilt, Ch.0363, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 7.1 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.269 W/kg
SAR(1 g) = 0.209 mW/g
Maximum value of SAR (measured) = 0.216 mW/g



SAMSUNG FCC ID : A3LSCHX799 -- 835MHz CDMA Body SAR

DUT: SCH-X799(Body); Serial: FC-017-D

Program Name: SCH-X799 CDMA Body (Job No. : FC-017)

Procedure Name: Body, Ch.777, Ant.Fixed, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.3;Test Date-15/Feb/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 848.31 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.28, 6.28, 6.28); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Body, Ch.777, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.34 mW/g

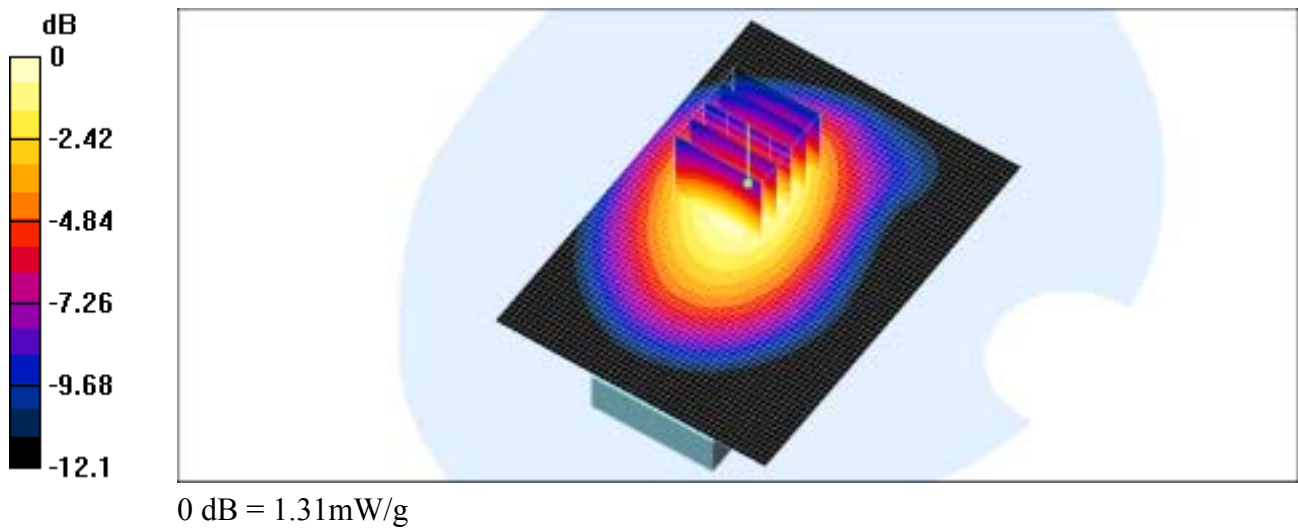
Body, Ch.777, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 30.8 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 1.23 mW/g

Maximum value of SAR (measured) = 1.31 mW/g



SAMSUNG FCC ID : A3LSCHX799 -- 835MHz CDMA Head SAR

DUT: SCH-X799; Serial: FC-017-D

Program Name: SCH-X799 CDMA Right(Job No. : FC-017)

Procedure Name: Cheek/Touch, Ch.0777, Ant.Fixed, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.6;Test Date-15/Feb/2005[OET Bulletin 65-Supplement C, July 2001]

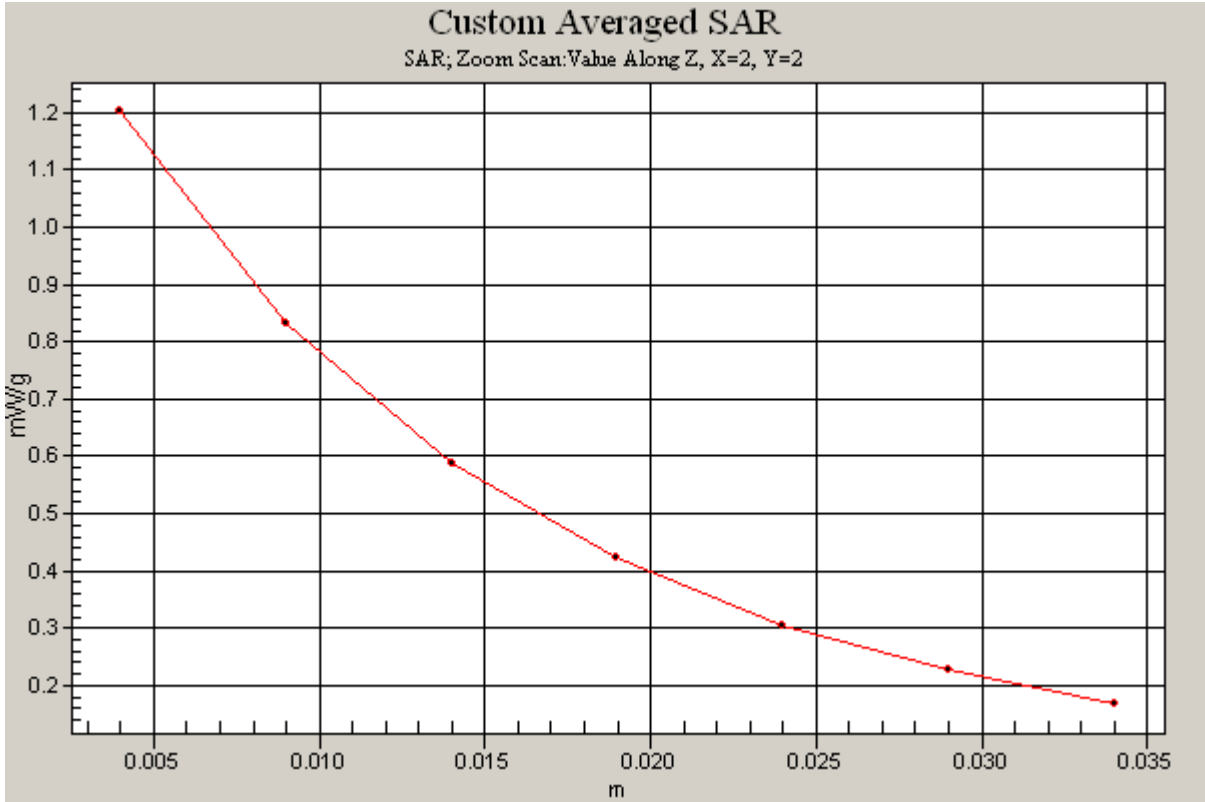
Communication System: CDMA; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 848.31\text{ MHz}$; $\sigma = 0.9\text{ mho/m}$; $\epsilon_r = 41.3$; $\rho = 1000\text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.33, 6.33, 6.33); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Cheek/Touch, Ch.0777, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 1.17 mW/g

Cheek/Touch, Ch.0777, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 5.85 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 1.12 mW/g
Maximum value of SAR (measured) = 1.2 mW/g



SAMSUNG FCC ID : A3LSCHX799 -- 835MHz CDMA Body SAR

DUT: SCH-X799(Body); Serial: FC-017-D

Program Name: SCH-X799 CDMA Body (Job No. : FC-017)

Procedure Name: Body, Ch.777, Ant.Fixed, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.3;Test Date-15/Feb/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.28, 6.28, 6.28); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Body, Ch.777, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.34 mW/g

Body, Ch.777, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.8 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 1.23 mW/g
Maximum value of SAR (measured) = 1.31 mW/g

