SAMSUNG FCC ID : A3LSCH-X839 -- 835MHz CDMA Head SAR

DUT: SCH-X839; Serial: FB-046-E

Program Name: SCH-X839 CDMA Right (Job No.: FB-046)
Procedure Name: Cheek/Touch, Ch.1013, Ant.In, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-20.6;Test Date-12/Aug./2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: f = 824.7 MHz; σ = 0.87 mho/m; ε_r = 41; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY4 Configuration:

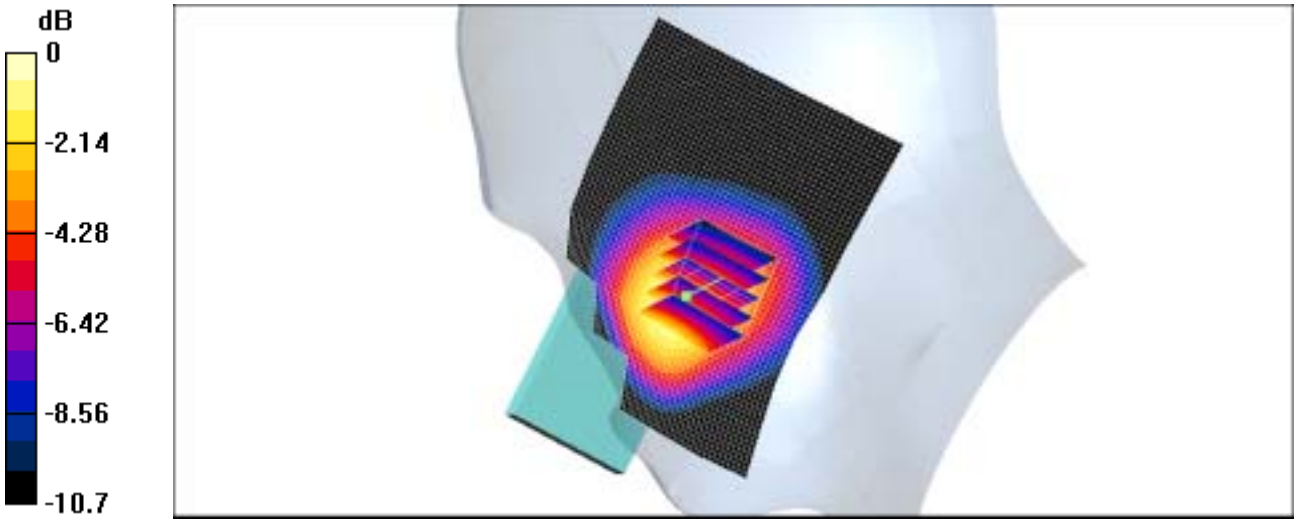
- Probe: ET3DV6 - SN1551; ConvF(6.54, 6.54, 6.54); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Cheek/Touch, Ch.1013, Ant.In, Bat.Standard/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm
Reference Value = 7.49 V/m; Power Drift = -0.0 dB
Maximum value of SAR (interpolated) = 1.54 mW/g

Cheek/Touch, Ch.1013, Ant.In, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.49 V/m; Power Drift = -0.0 dB
Maximum value of SAR (measured) = 1.44 mW/g
Peak SAR (extrapolated) = 2.04 W/kg
SAR(1 g) = 1.35 mW/g



0 dB = 1.44mW/g

SAMSUNG FCC ID : A3LSCH-X839 -- 835MHz CDMA Head SAR

DUT: SCH-X839; Serial: FB-046-E

Program Name: SCH-X839 CDMA Right (Job No.: FB-046)
Procedure Name: Tilt, Ch.0363, Ant.In, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-20.6;Test Date-12/Aug./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 MHz; σ = 0.87 mho/m; ε_r = 41; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY4 Configuration:

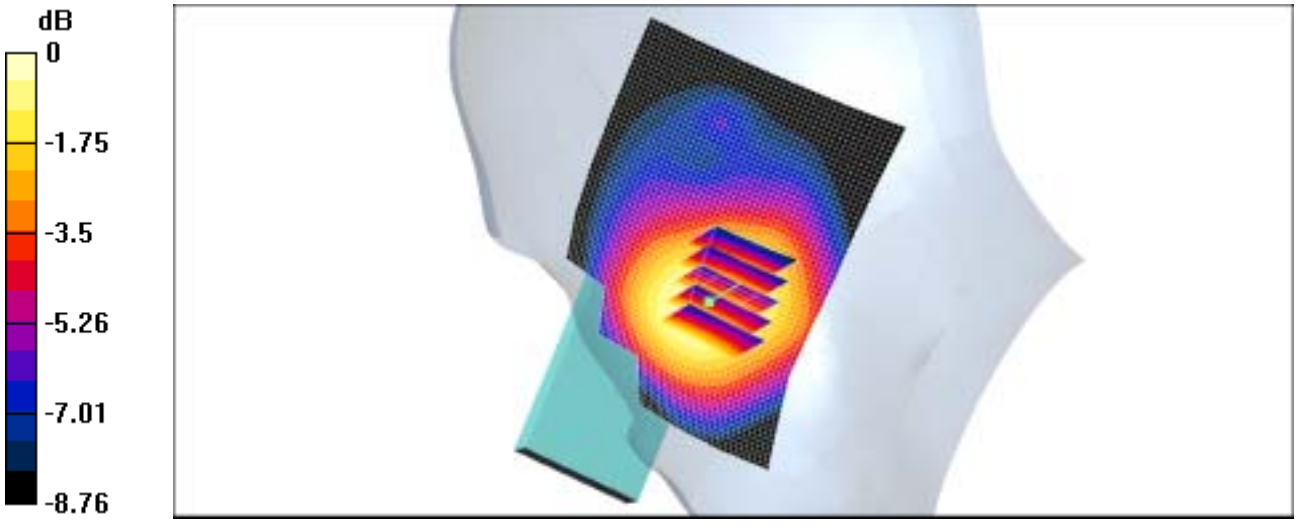
- Probe: ET3DV6 - SN1551; ConvF(6.54, 6.54, 6.54); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Tilt, Ch.0363, Ant.In, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Reference Value = 7.7 V/m; Power Drift = -0.1 dB
Maximum value of SAR (interpolated) = 0.236 mW/g

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

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.7 V/m; Power Drift = -0.1 dB
Maximum value of SAR (measured) = 0.230 mW/g
Peak SAR (extrapolated) = 0.288 W/kg
SAR(1 g) = 0.219 mW/g



0 dB = 0.230mW/g

SAMSUNG FCC ID : A3LSCH-X839 -- 835MHz CDMA Head SAR

DUT: SCH-X839; Serial: FB-046-E

Program Name: SCH-X839 CDMA Left (Job No.: FB-046)
Procedure Name: Cheek/Touch, Ch.1013, Ant.In, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-20.6;Test Date-12/Aug./2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: f = 824.7 MHz; σ = 0.87 mho/m; ε_r = 41; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY4 Configuration:

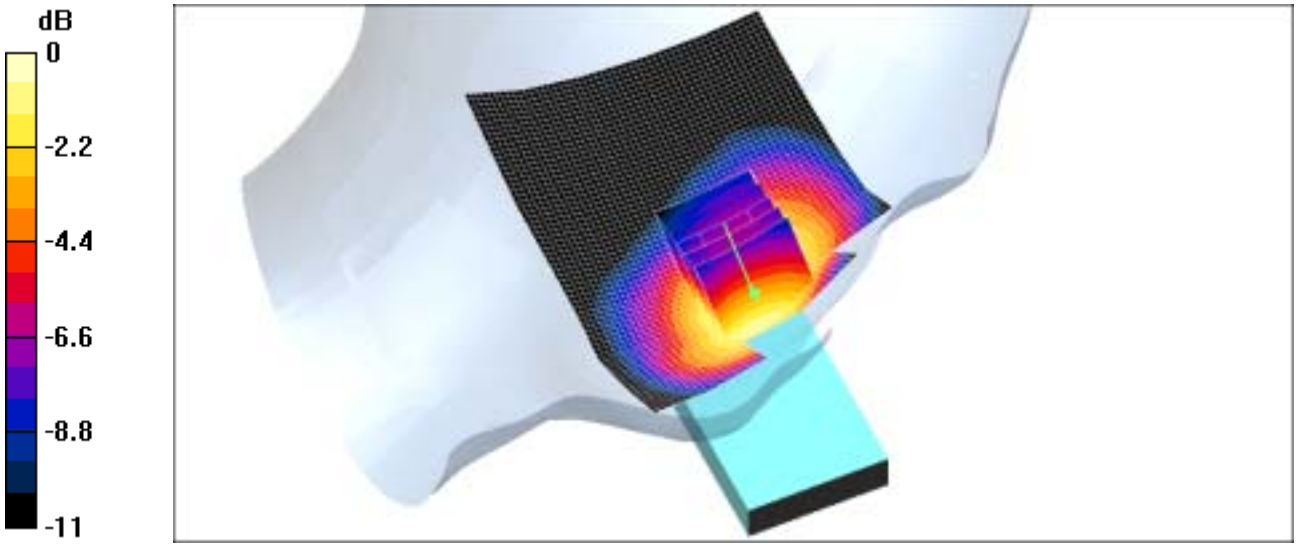
- Probe: ET3DV6 - SN1551; ConvF(6.54, 6.54, 6.54); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Cheek/Touch, Ch.1013, Ant.In, Bat.Standard/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm
Reference Value = 6.89 V/m; Power Drift = -0.1 dB
Maximum value of SAR (interpolated) = 1.2 mW/g

Cheek/Touch, Ch.1013, Ant.In, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.89 V/m; Power Drift = -0.1 dB
Maximum value of SAR (measured) = 1.12 mW/g
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 1.07 mW/g



0 dB = 1.12mW/g

SAMSUNG FCC ID : A3LSCH-X839 -- 835MHz CDMA Head SAR

DUT: SCH-X839; Serial: FB-046-E

Program Name: SCH-X839 CDMA Left (Job No.: FB-046)
Procedure Name: Tilt, Ch.0363, Ant.In, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-20.6;Test Date-12/Aug/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 MHz; σ = 0.87 mho/m; ε_r = 41; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY4 Configuration:

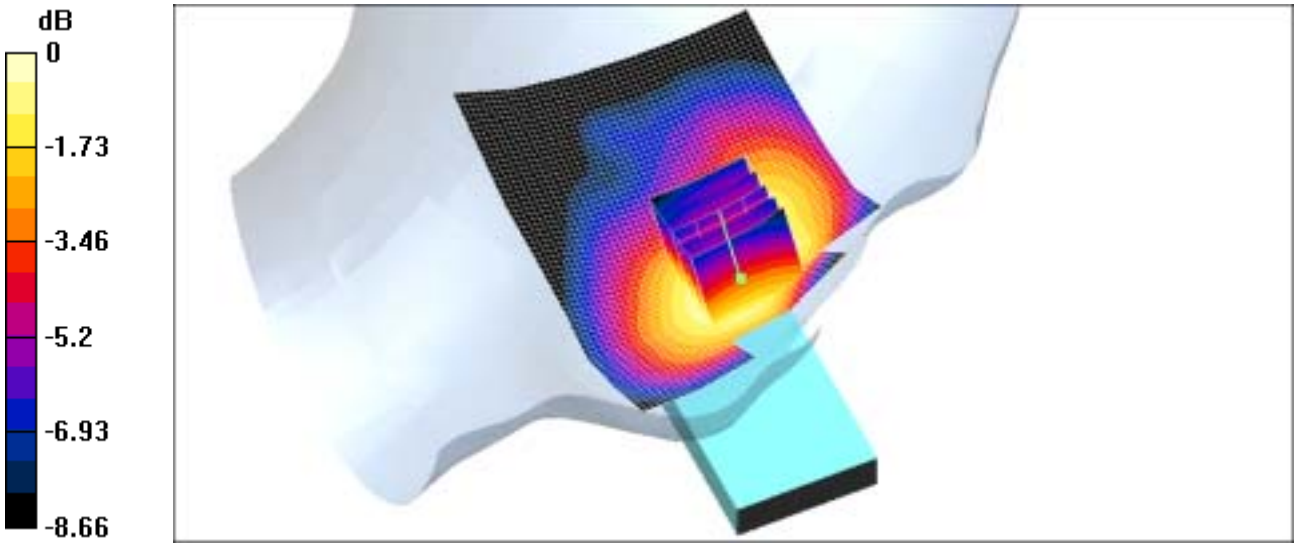
- Probe: ET3DV6 - SN1551; ConvF(6.54, 6.54, 6.54); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Tilt, Ch.0363, Ant.In, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Reference Value = 7.6 V/m; Power Drift = -0.0 dB
Maximum value of SAR (interpolated) = 0.243 mW/g

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

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.6 V/m; Power Drift = -0.0 dB
Maximum value of SAR (measured) = 0.222 mW/g
Peak SAR (extrapolated) = 0.271 W/kg
SAR(1 g) = 0.215 mW/g



0 dB = 0.222mW/g

SAMSUNG FCC ID : A3LSCHX839 -- 835MHz CDMA Body SAR

DUT: SCH-X839 (Body); Serial: FB-046-E

Program Name: SCH-X839 CDMA Body (Job No.: FB-046)
Procedure Name: Body, Ch.1013, Ant.Out, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.9;Test Date-12/Aug/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: f = 824.7 MHz; σ = 0.95 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY4 Configuration:

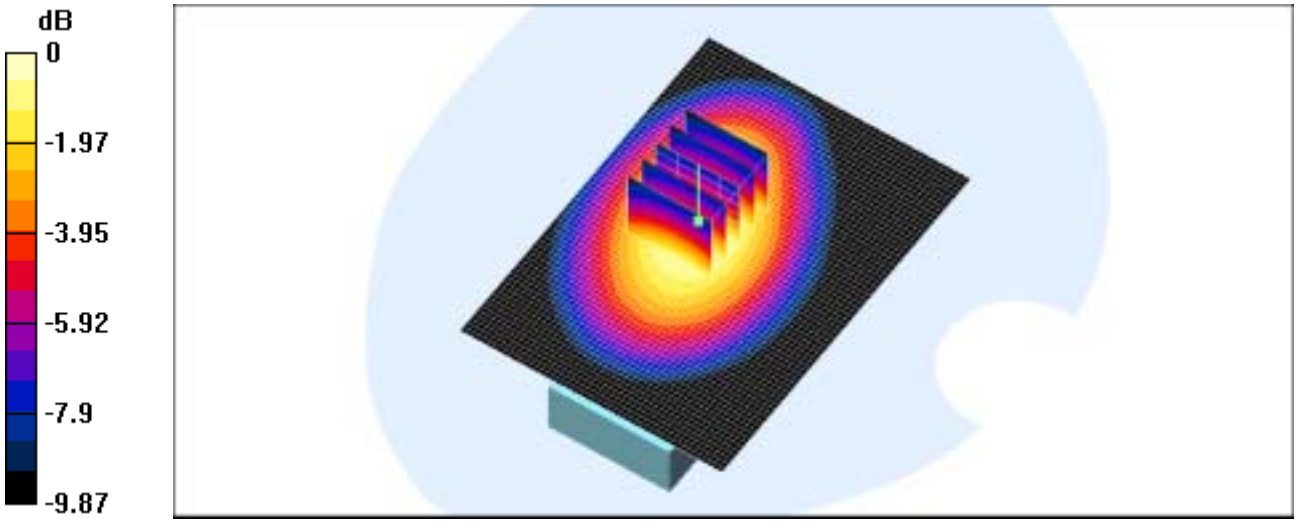
- Probe: ET3DV6 - SN1551; ConvF(6.34, 6.34, 6.34); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Body, Ch.1013, Ant.Out, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Reference Value = 33.8 V/m; Power Drift = -0.008 dB
Maximum value of SAR (interpolated) = 1.47 mW/g

Body, Ch.1013, Ant.Out, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.8 V/m; Power Drift = -0.008 dB
Maximum value of SAR (measured) = 1.43 mW/g
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 1.34 mW/g



0 dB = 1.43mW/g

SAMSUNG FCC ID : A3LSCHX839 -- 835MHz CDMA Head SAR

DUT: SCH-X839; Serial: FB-046-E

Program Name: SCH-X839 CDMA Right (Job No.: FB-046)
Procedure Name: Cheek/Touch, Ch.1013, Ant.In, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-20.6;Test Date-12/Aug./2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: f = 824.7 MHz; σ = 0.87 mho/m; ε_r = 41; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY4 Configuration:

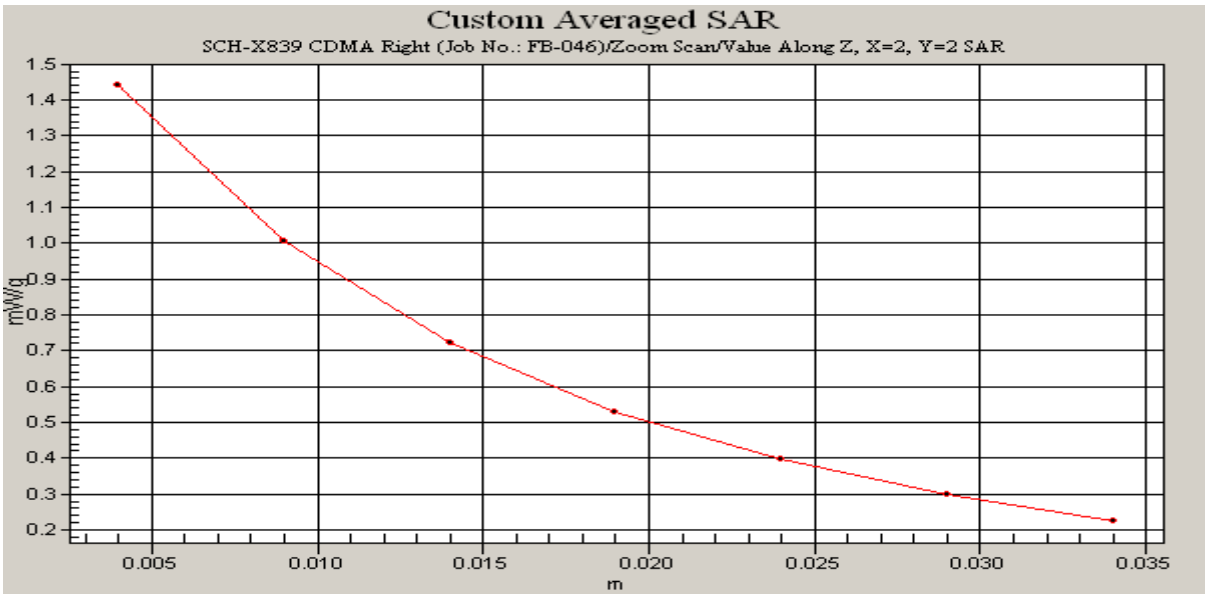
- Probe: ET3DV6 - SN1551; ConvF(6.54, 6.54, 6.54); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Cheek/Touch, Ch.1013, Ant.In, Bat.Standard/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm
Reference Value = 7.49 V/m; Power Drift = -0.0 dB
Maximum value of SAR (interpolated) = 1.54 mW/g

Cheek/Touch, Ch.1013, Ant.In, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.49 V/m; Power Drift = -0.0 dB
Maximum value of SAR (measured) = 1.44 mW/g
Peak SAR (extrapolated) = 2.04 W/kg
SAR(1 g) = 1.35 mW/g



SAMSUNG FCC ID : A3LSCHX839 -- 835MHz CDMA Body SAR

DUT: SCH-X839 (Body); Serial: FB-046-E

Program Name: SCH-X839 CDMA Body (Job No.: FB-046)
Procedure Name: Body, Ch.1013, Ant.Out, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.9;Test Date-12/Aug/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: f = 824.7 MHz; σ = 0.95 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.34, 6.34, 6.34); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Body, Ch.1013, Ant.Out, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Reference Value = 33.8 V/m; Power Drift = -0.008 dB
Maximum value of SAR (interpolated) = 1.47 mW/g

Body, Ch.1013, Ant.Out, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.8 V/m; Power Drift = -0.008 dB
Maximum value of SAR (measured) = 1.43 mW/g
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 1.34 mW/g