

SAMSUNG FCC ID : A3LSCHA890 -- 835MHz CDMA Head SAR

DUT: SCH-A890; Serial: FB-044-A

Program Name: SCH-A890 CDMA Right (Job No.: FB-044)

Procedure Name: Cheek/Touch, Ch.1013, Ant.Out, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.5;Test Date-21/July/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.88 \text{ mho/m}$; $\epsilon_r = 42.3$; $\rho = 1000 \text{ kg/m}^3$

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.Out, Bat.Extended/Area Scan (51x71x1):

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

Reference Value = 8.42 V/m ; Power Drift = 0.0 dB

Maximum value of SAR (interpolated) = 1.11 mW/g

Cheek/Touch, Ch.1013, Ant.Out, Bat.Extended/Zoom Scan (5x5x7)/Cube

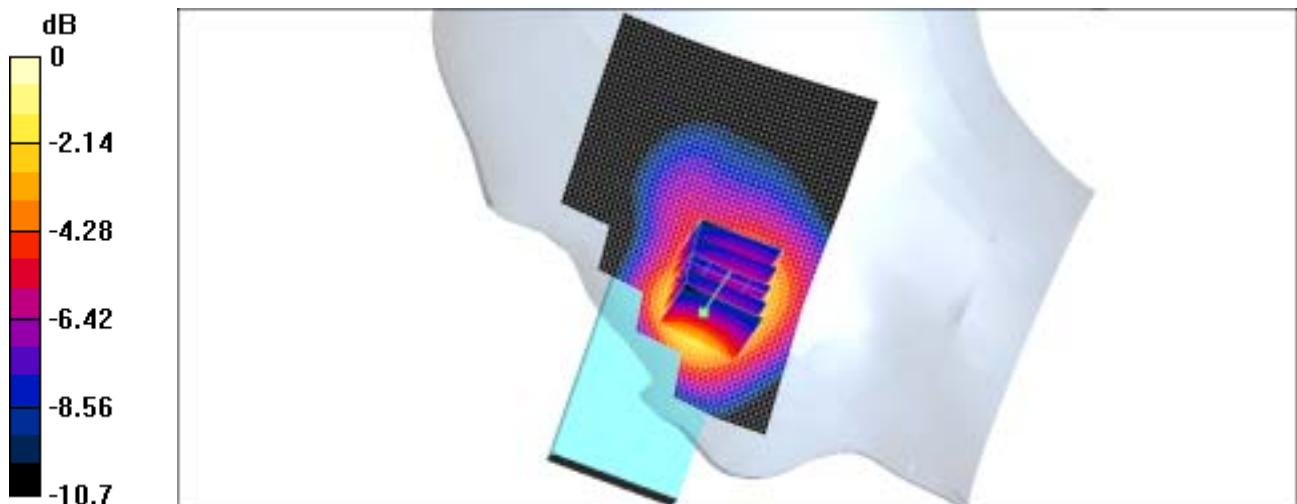
0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.42 V/m ; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 1.13 mW/g

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 1.07 mW/g



0 dB = 1.13 mW/g

SAMSUNG FCC ID : A3LSCHA890 -- 835MHz CDMA Head SAR

DUT: SCH-A890; Serial: FB-044-A

Program Name: SCH-A890 CDMA Right (Job No.: FB-044)

Procedure Name: Ear/Tilt, Ch.0363, Ant.Out, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.5;Test Date-21/July/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 835.89$ MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 42.3$; $\rho = 1000$ kg/m³

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

Ear/Tilt, Ch.0363, Ant.Out, Bat.Extended/Area Scan (51x71x1):

Measurement grid: $dx=20$ mm, $dy=20$ mm

Reference Value = 8.24 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 0.220 mW/g

Ear/Tilt, Ch.0363, Ant.Out, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

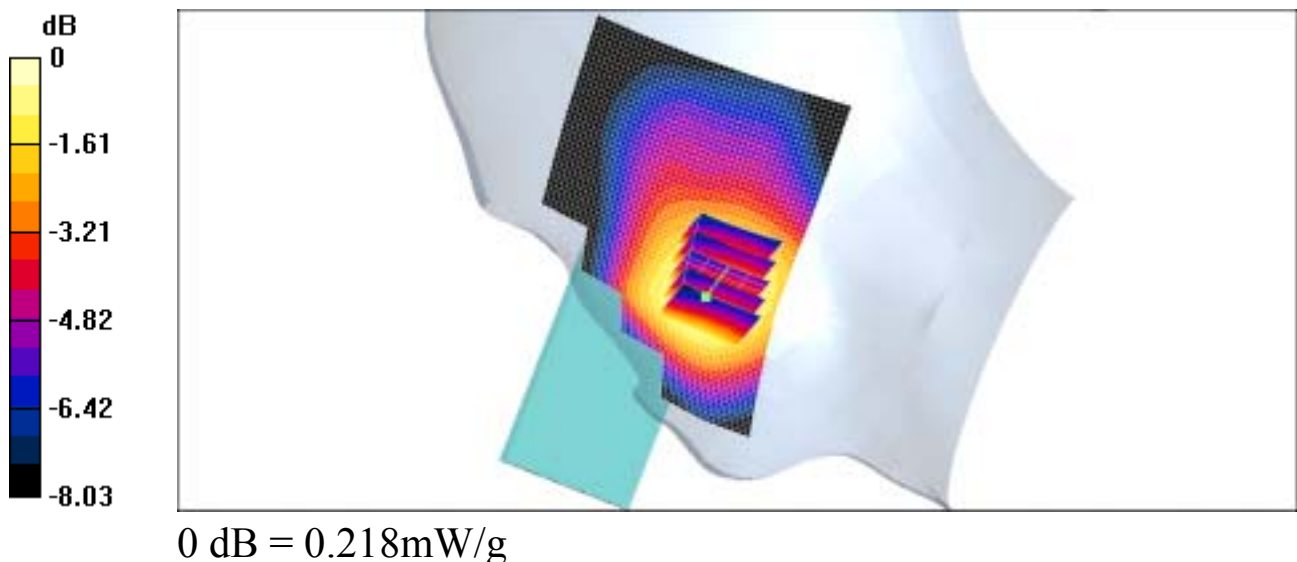
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.24 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.218 mW/g

Peak SAR (extrapolated) = 0.267 W/kg

SAR(1 g) = 0.207 mW/g



SAMSUNG FCC ID : A3LSCHA890 -- 835MHz CDMA Head SAR

DUT: SCH-A890; Serial: FB-044-A

Program Name: SCH-A890 CDMA Left (Job No.: FB-044)

Procedure Name: Cheek/Touch, Ch.1013, Ant.Out, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.5;Test Date-21/July/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.88 \text{ mho/m}$; $\epsilon_r = 42.3$; $\rho = 1000 \text{ kg/m}^3$

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.Out, Bat.Extended/Area Scan (51x71x1):

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

Reference Value = 7.74 V/m ; Power Drift = 0.0 dB

Maximum value of SAR (interpolated) = 0.927 mW/g

Cheek/Touch, Ch.1013, Ant.Out, Bat.Extended/Zoom Scan (5x5x7)/Cube

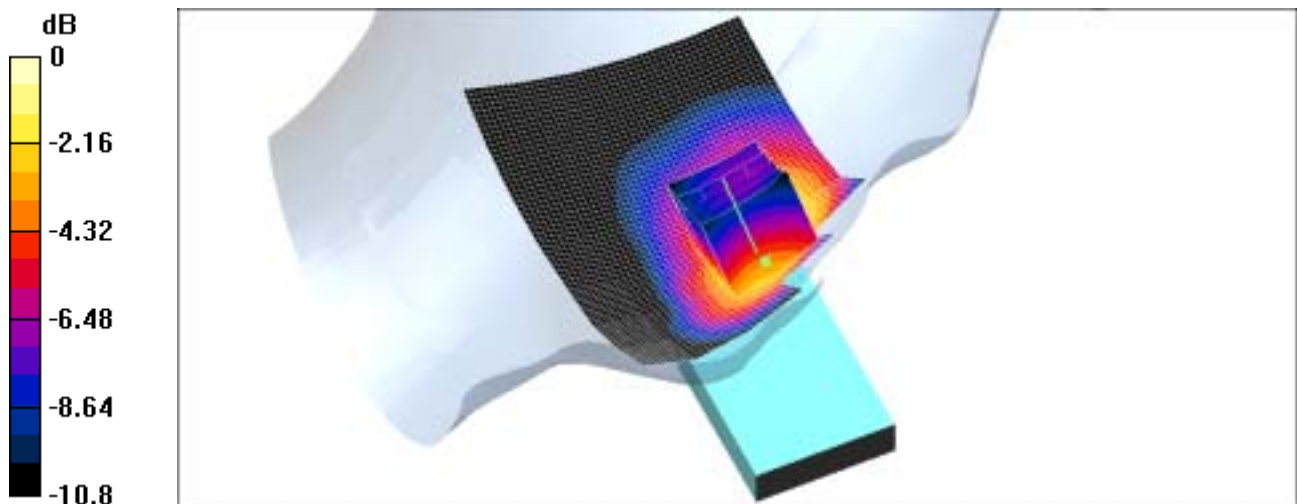
0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.74 V/m ; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.951 mW/g

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.920 mW/g



0 dB = 0.951 mW/g

SAMSUNG FCC ID : A3LSCHA890 -- 835MHz CDMA Head SAR

DUT: SCH-A890; Serial: FB-044-A

Program Name: SCH-A890 CDMA Left (Job No.: FB-044)

Procedure Name: Ear/Tilt, Ch.0363, Ant.Out, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.5;Test Date-21/July/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 835.89$ MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 42.3$; $\rho = 1000$ kg/m³

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

Ear/Tilt, Ch.0363, Ant.Out, Bat.Extended/Area Scan (51x71x1):

Measurement grid: $dx=20$ mm, $dy=20$ mm

Reference Value = 7.18 V/m; Power Drift = -0.2 dB

Maximum value of SAR (interpolated) = 0.201 mW/g

Ear/Tilt, Ch.0363, Ant.Out, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

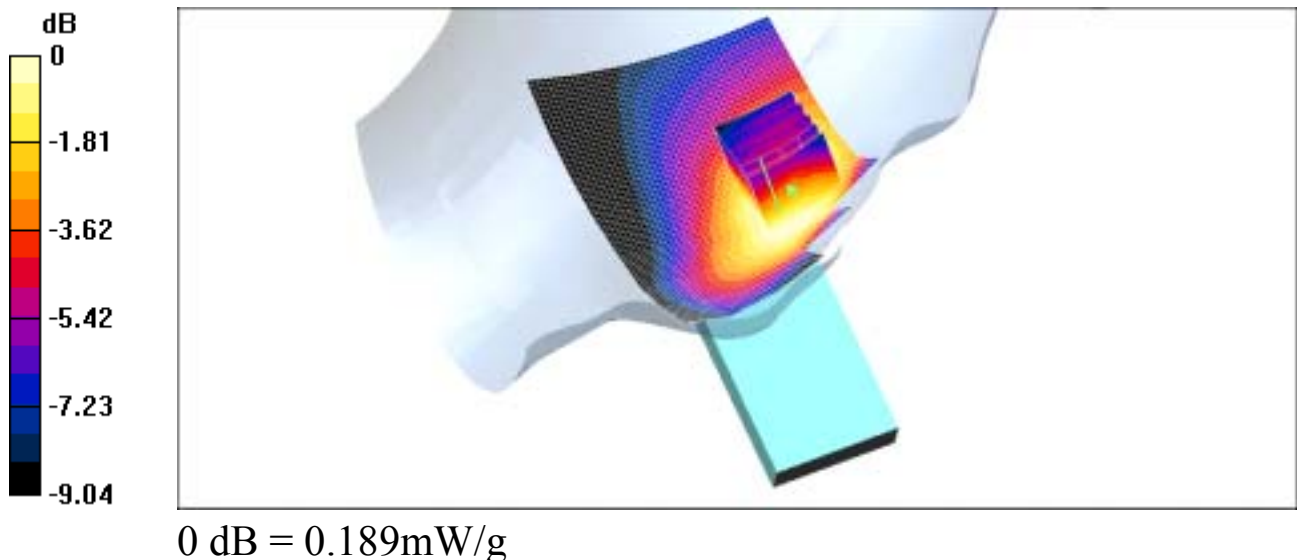
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.18 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.189 mW/g

Peak SAR (extrapolated) = 0.233 W/kg

SAR(1 g) = 0.185 mW/g



SAMSUNG FCC ID : A3LSCHA890 -- 1900MHz PCS CDMA Head SAR

DUT: SCH-A890; Serial: FB-044-A

Program Name: SCH-A890 PCS Right (Job No.: FB-044)

Procedure Name: Cheek/Touch, Ch.0600, Ant.In, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.8;Test Date-20/July/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 38.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5, 5, 5); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Cheek/Touch, Ch.0600, Ant.In, Bat.Extended/Area Scan (51x71x1):

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

Reference Value = 11.5 V/m ; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 1.13 mW/g

Cheek/Touch, Ch.0600, Ant.In, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

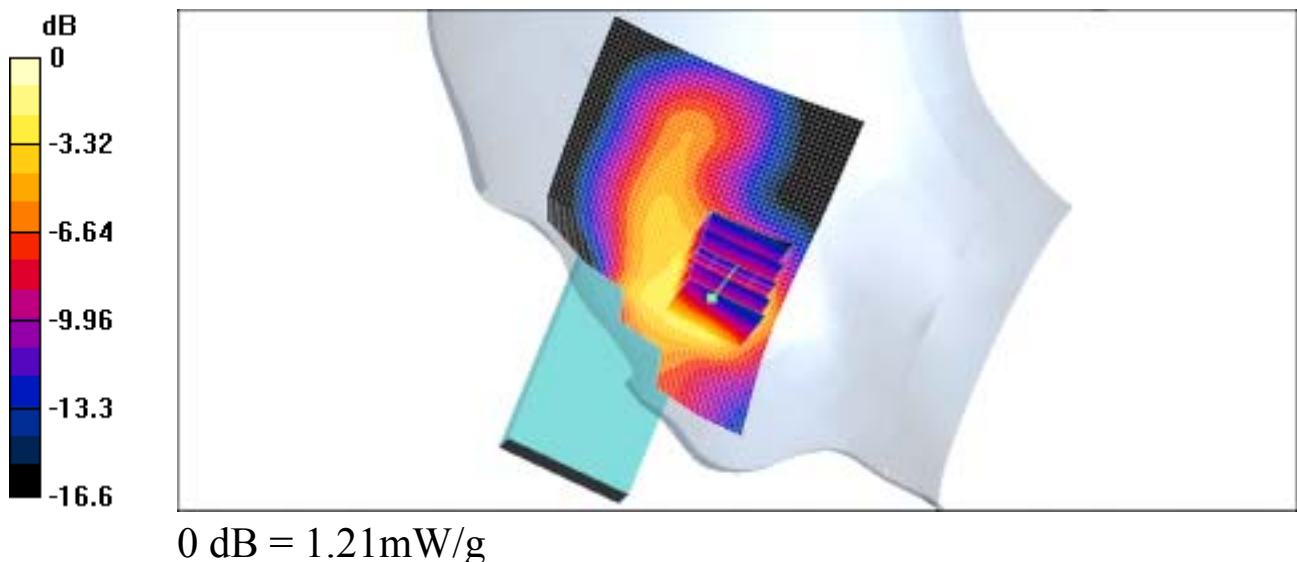
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.5 V/m ; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 1.21 mW/g

Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 1.08 mW/g



SAMSUNG FCC ID : A3LSCHA890 -- 1900MHz PCS CDMA Head SAR

DUT: SCH-A890; Serial: FB-044-A

Program Name: SCH-A890 PCS Right (Job No.: FB-044)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.8;Test Date-20/July/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 38.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5, 5, 5); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

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

Reference Value = 14 V/m; Power Drift = -0.0 dB

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

Ear/Tilt, Ch.0600, Ant.In, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

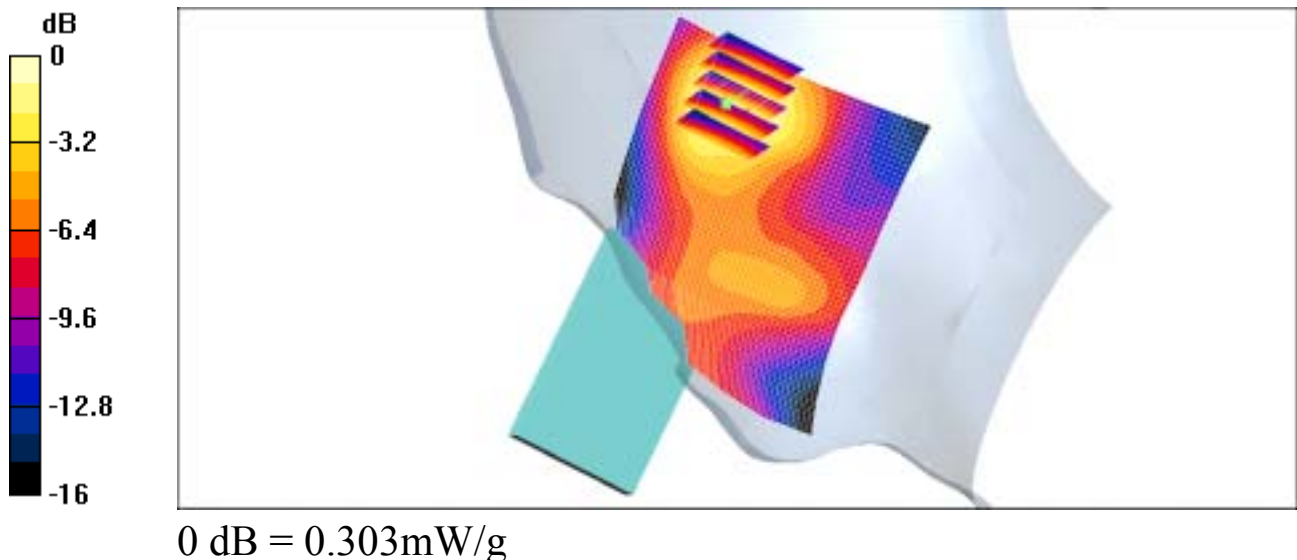
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.303 mW/g

Peak SAR (extrapolated) = 0.404 W/kg

SAR(1 g) = 0.279 mW/g



DUT: SCH-A890; Serial: FB-044-A

Program Name: SCH-A890 PCS Left (Job No.: FB-044)

Procedure Name: Cheek/Touch, Ch.0600, Ant.In, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.8; Test Date-20/July/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5, 5, 5); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Cheek/Touch, Ch.0600, Ant.In, Bat.Extended/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm

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

Maximum value of SAR (interpolated) = 0.900 mW/g

Cheek/Touch, Ch.0600, Ant.In, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Maximum value of SAR (measured) = 0.848 mW/g

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.725 mW/g

Cheek/Touch, Ch.0600, Ant.In, Bat.Extended/Zoom Scan (5x5x7)/Cube 1:

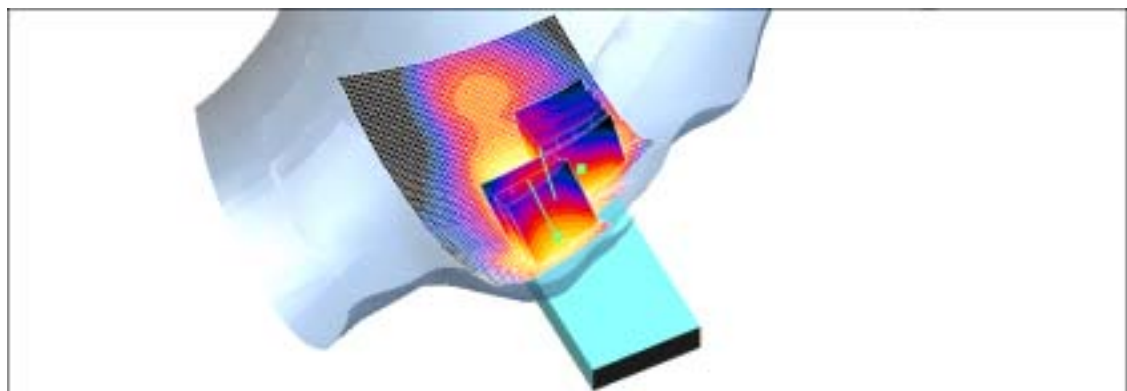
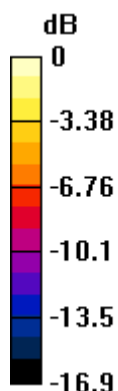
Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Maximum value of SAR (measured) = 0.796 mW/g

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.775 mW/g



0 dB = 0.796mW/g

SAMSUNG FCC ID : A3LSCHA890 -- 1900MHz PCS CDMA Head SAR

DUT: SCH-A890; Serial: FB-044-A

Program Name: SCH-A890 PCS Left (Job No.: FB-044)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.8;Test Date-20/July/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5, 5, 5); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Ear/Tilt, Ch.0600, Ant.In, Bat.Extended/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Reference Value = 14 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.363 mW/g

Ear/Tilt, Ch.0600, Ant.In, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

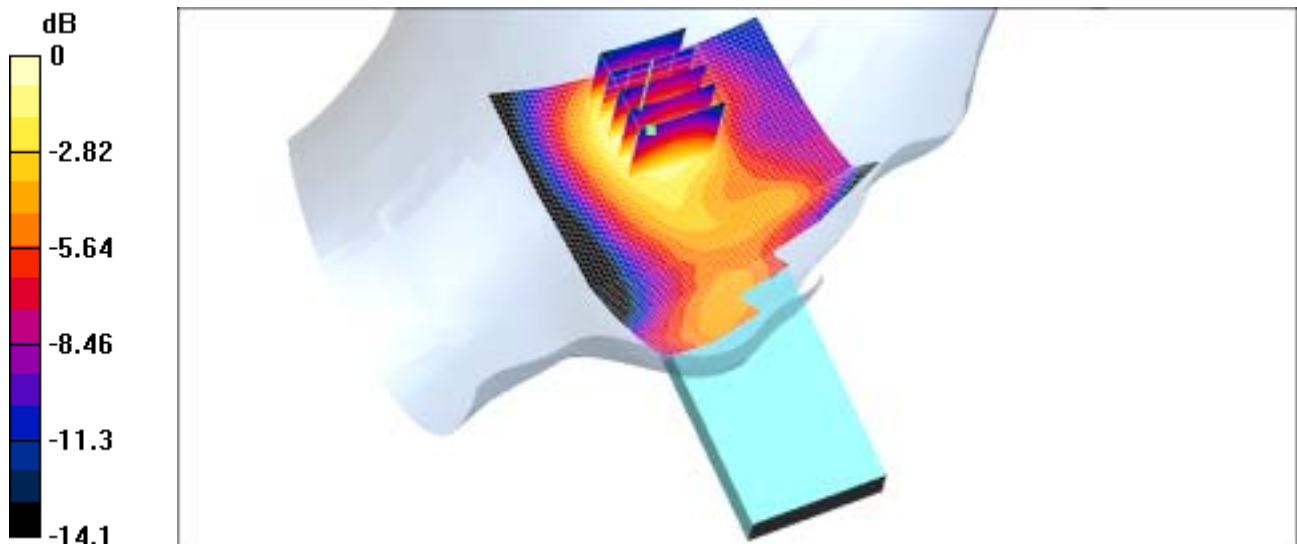
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.304 mW/g

Peak SAR (extrapolated) = 0.400 W/kg

SAR(1 g) = 0.288 mW/g



0 dB = 0.304mW/g

SAMSUNG FCC ID : A3LSCHA890 -- 835MHz CDMA Body SAR

DUT: SCH-A890 (Body); Serial: FB-044-A

Program Name: SCH-A890 CDMA Body (Job No.: FB-044)

Procedure Name: Body, Ch. 0363, Ant. Out, Bat. Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.0;Test Date-21/July/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 835.89$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

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. 0363, Ant. Out, Bat. Extended/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Reference Value = 36.2 V/m; Power Drift = -0.007 dB

Maximum value of SAR (interpolated) = 1.55 mW/g

Body, Ch. 0363, Ant. Out, Bat. Extended/Zoom Scan (5x5x7)/Cube 0:

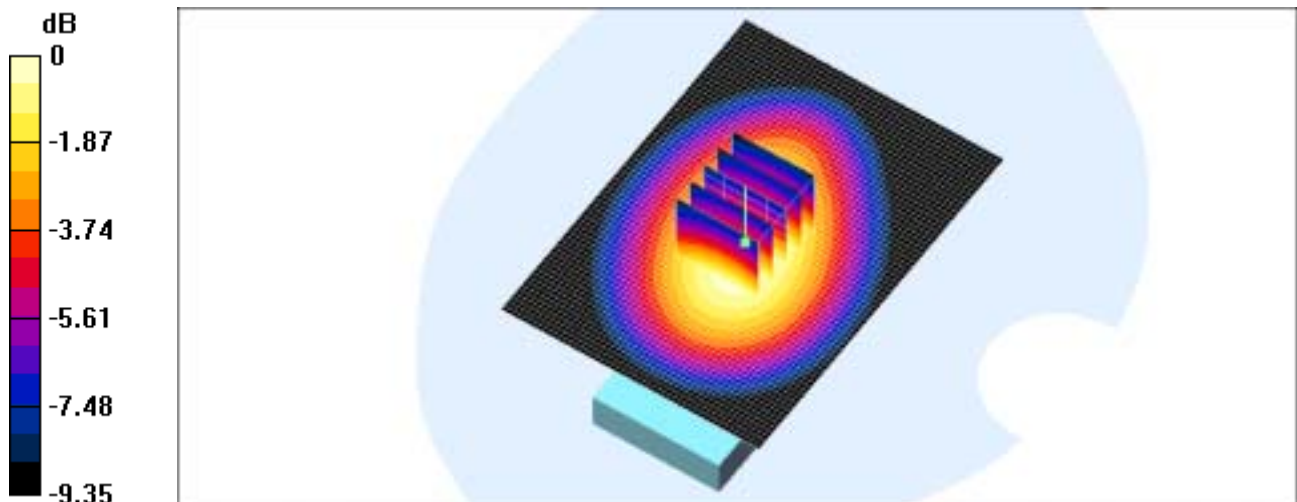
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.2 V/m; Power Drift = -0.007 dB

Maximum value of SAR (measured) = 1.52 mW/g

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 1.43 mW/g



0 dB = 1.52mW/g

SAMSUNG FCC ID : A3LSCHA890 -- 1900MHz PCS CDMA Body SAR

DUT: SCH-A890 (Body); Serial: FB-044-A

Program Name: SCH-A890 PCS Body (Job No.: FB-044)

Procedure Name: Body, Ch.0025, Ant.Out, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-20/July/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: PCS; Frequency: 1851.25 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(4.51, 4.51, 4.51); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Body, Ch.0025, Ant.Out, Bat.Extended/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Reference Value = 12.6 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.808 mW/g

Body, Ch.0025, Ant.Out, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

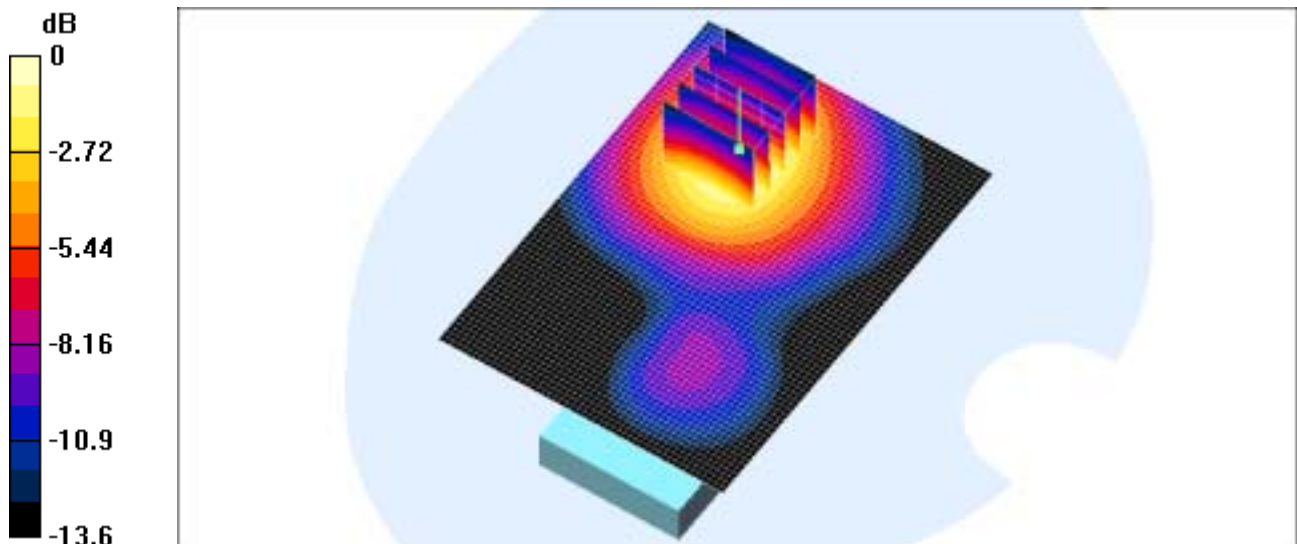
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.6 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.815 mW/g

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.748 mW/g



0 dB = 0.815mW/g

SAMSUNG FCC ID : A3LSCHA890 -- 835MHz CDMA Head SAR

DUT: SCH-A890; Serial: FB-044-A

Program Name: SCH-A890 CDMA Right (Job No.: FB-044)

Procedure Name: Cheek/Touch, Ch.1013, Ant.Out, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.5;Test Date-21/July/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.88 \text{ mho/m}$; $\epsilon_r = 42.3$; $\rho = 1000 \text{ kg/m}^3$

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.Out, Bat.Extended/Area Scan (51x71x1):

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

Reference Value = 8.42 V/m ; Power Drift = 0.0 dB

Maximum value of SAR (interpolated) = 1.11 mW/g

Cheek/Touch, Ch.1013, Ant.Out, Bat.Extended/Zoom Scan (5x5x7)/Cube

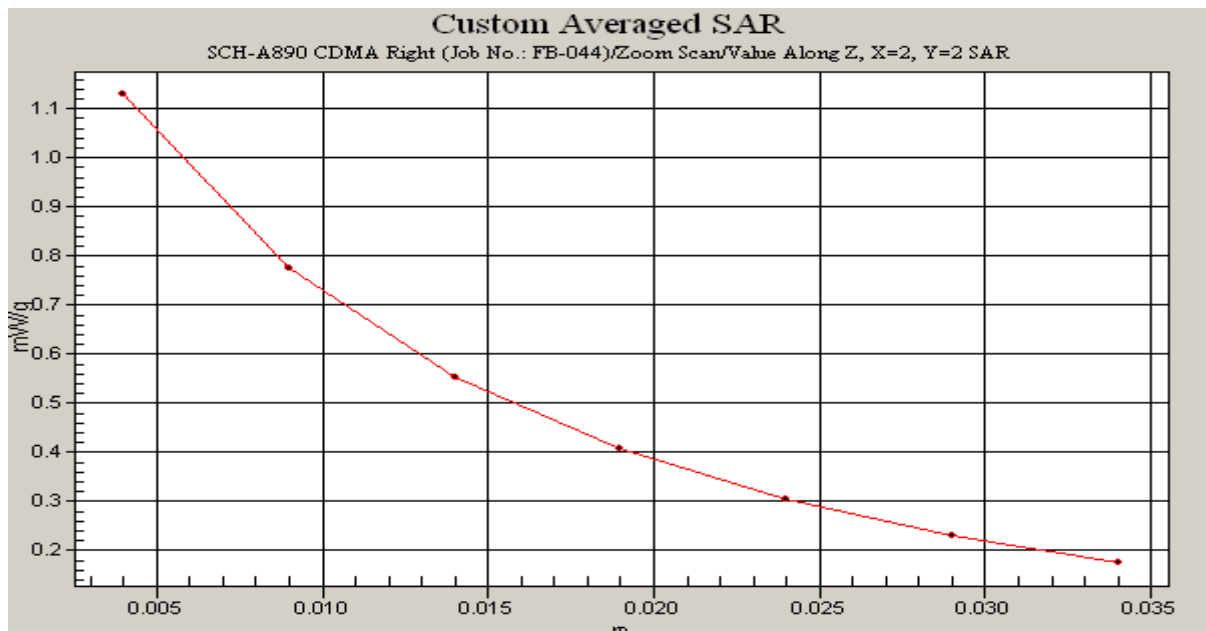
0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.42 V/m ; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 1.13 mW/g

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 1.07 mW/g



SAMSUNG FCC ID : A3LSCHA890 -- 1900MHz PCS CDMA Head SAR

DUT: SCH-A890; Serial: FB-044-A

Program Name: SCH-A890 PCS Right (Job No.: FB-044)

Procedure Name: Cheek/Touch, Ch.0600, Ant. In, Bat. Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.8;Test Date-20/July/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5, 5, 5); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Cheek/Touch, Ch.0600, Ant. In, Bat. Extended/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm

Reference Value = 11.5 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 1.13 mW/g

Cheek/Touch, Ch.0600, Ant. In, Bat. Extended/Zoom Scan (5x5x7)/Cube

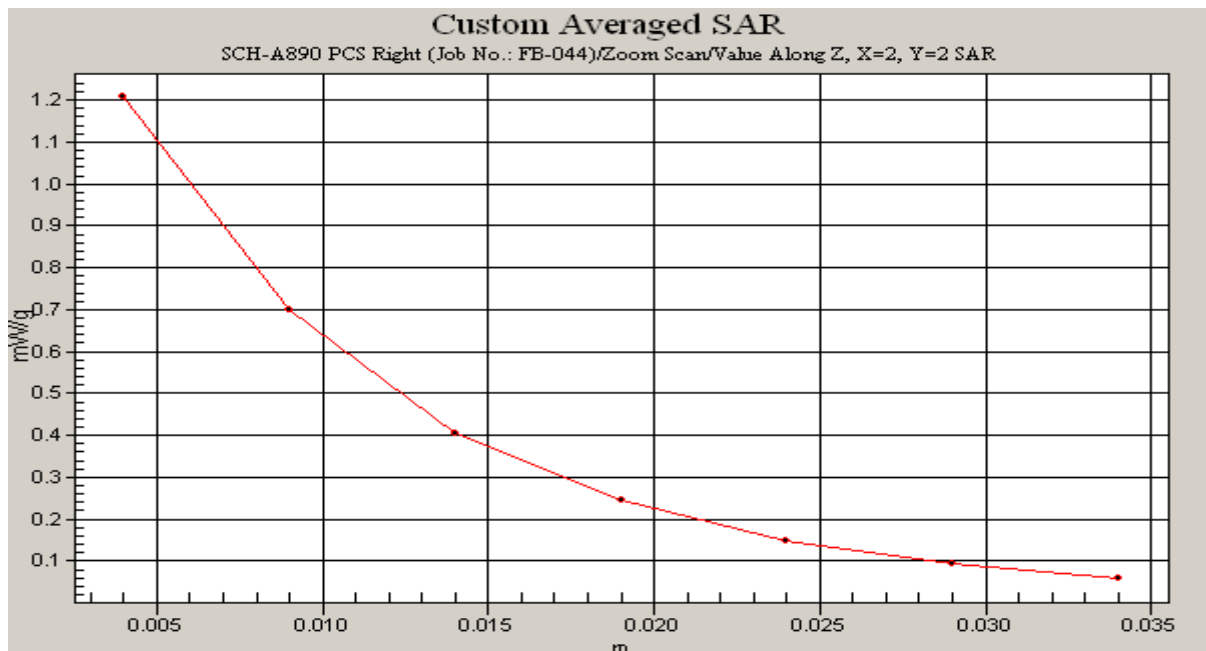
0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.5 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 1.21 mW/g

Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 1.08 mW/g



SAMSUNG FCC ID : A3LSCHA890 -- 835MHz CDMA Body SAR

DUT: SCH-A890 (Body); Serial: FB-044-A

Program Name: SCH-A890 CDMA Body (Job No.: FB-044)

Procedure Name: Body, Ch.0363, Ant.Out, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.0;Test Date-21/July/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 835.89$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

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.0363, Ant.Out, Bat.Extended/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Reference Value = 36.2 V/m; Power Drift = -0.007 dB

Maximum value of SAR (interpolated) = 1.55 mW/g

Body, Ch.0363, Ant.Out, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

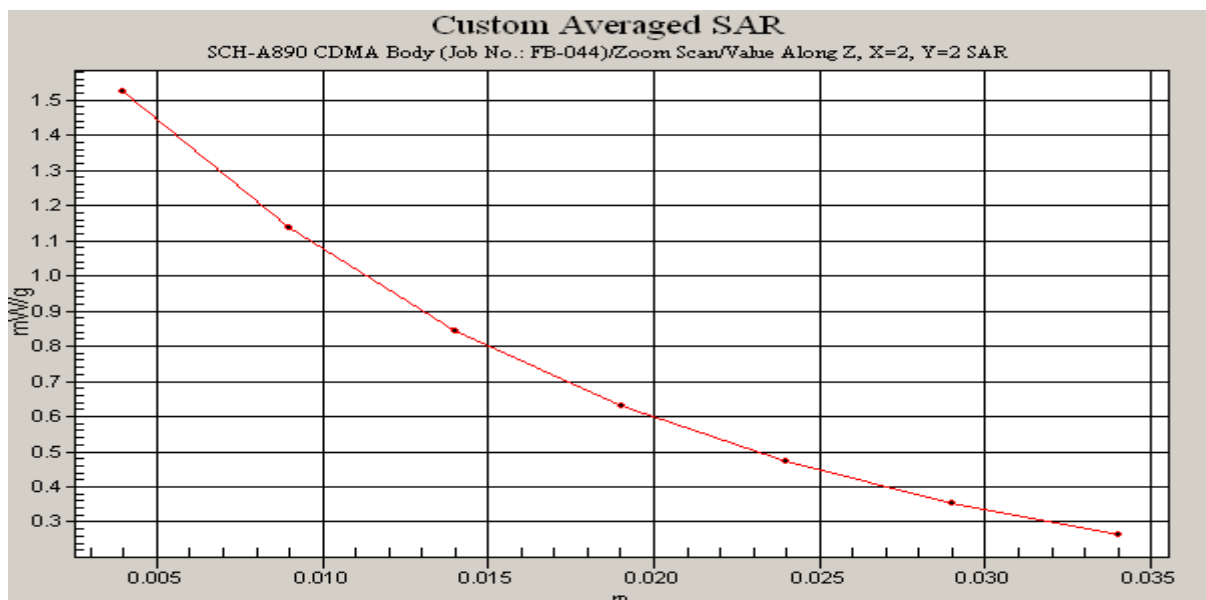
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.2 V/m; Power Drift = -0.007 dB

Maximum value of SAR (measured) = 1.52 mW/g

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 1.43 mW/g



SAMSUNG FCC ID : A3LSCHA890 -- 1900MHz PCS CDMA Body SAR

DUT: SCH-A890 (Body); Serial: FB-044-A

Program Name: SCH-A890 PCS Body (Job No.: FB-044)

Procedure Name: Body, Ch.0025, Ant. Out, Bat. Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-20/July/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: PCS; Frequency: 1851.25 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(4.51, 4.51, 4.51); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Body, Ch.0025, Ant. Out, Bat. Extended/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Reference Value = 12.6 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.808 mW/g

Body, Ch.0025, Ant. Out, Bat. Extended/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.6 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.815 mW/g

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.748 mW/g

