

SAMSUNG FCC ID : A3LSPHA560 -- 835MHz AMPS Head SAR

DUT: SPH-A560; Serial: FC-006-B

Program Name: SPH-A560 AMPS Right (Job No.: FC-006)

Procedure Name: Cheek/Touch, Ch.383, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.1;Test Date-13/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: AMPS; Frequency: 836.49 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 836.49 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 40.6$; $\rho = 1000 \text{ kg/m}^3$

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 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Cheek/Touch, Ch.383, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.18 mW/g

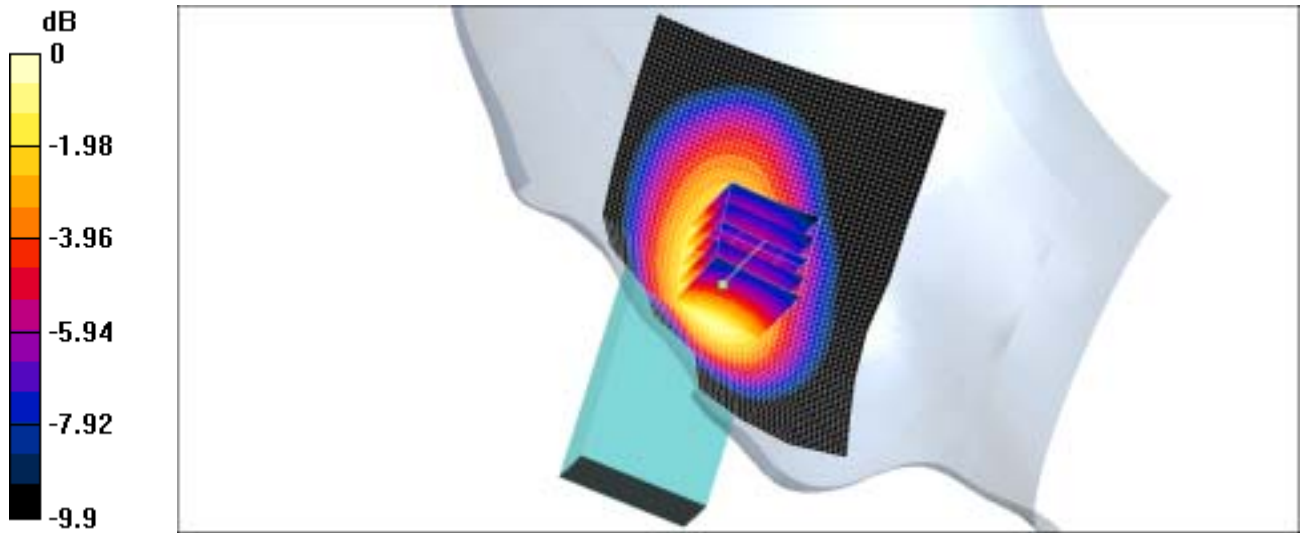
Cheek/Touch, Ch.383, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.51 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 : A3LSPHA560 -- 835MHz AMPS Head SAR

DUT: SPH-A560; Serial: FC-006-B

Program Name: SPH-A560 AMPS Right (Job No.: FC-006)

Procedure Name: Ear/Tilt, Ch.383, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.1;Test Date-13/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: AMPS; Frequency: 836.49 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 836.49 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 40.6$; $\rho = 1000 \text{ kg/m}^3$

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 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Ear/Tilt, Ch.383, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.391 mW/g

Ear/Tilt, Ch.383, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$,

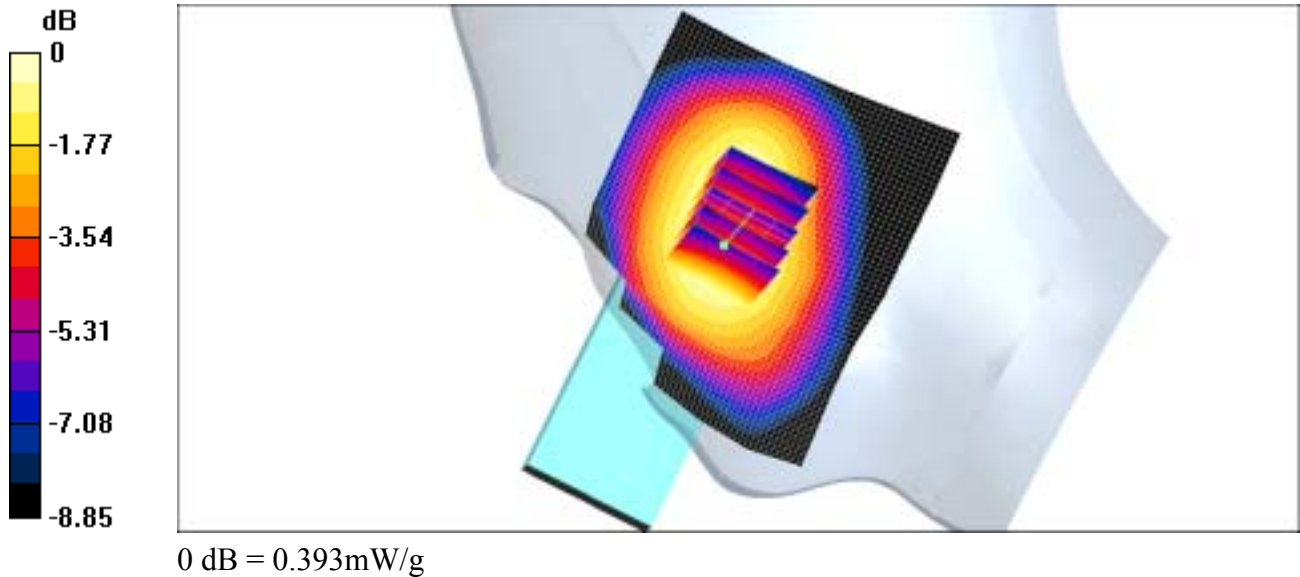
$dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.3 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.473 W/kg

SAR(1 g) = 0.372 mW/g

Maximum value of SAR (measured) = 0.393 mW/g



SAMSUNG FCC ID : A3LSPHA560 -- 835MHz AMPS Head SAR

DUT: SPH-A560; Serial: FC-006-B

Program Name: SPH-A560 AMPS Left (Job No.: FC-006)

Procedure Name: Cheek/Touch, Ch.383, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.1;Test Date-13/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: AMPS; Frequency: 836.49 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 836.49 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 40.6$; $\rho = 1000 \text{ kg/m}^3$

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 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Cheek/Touch, Ch.383, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

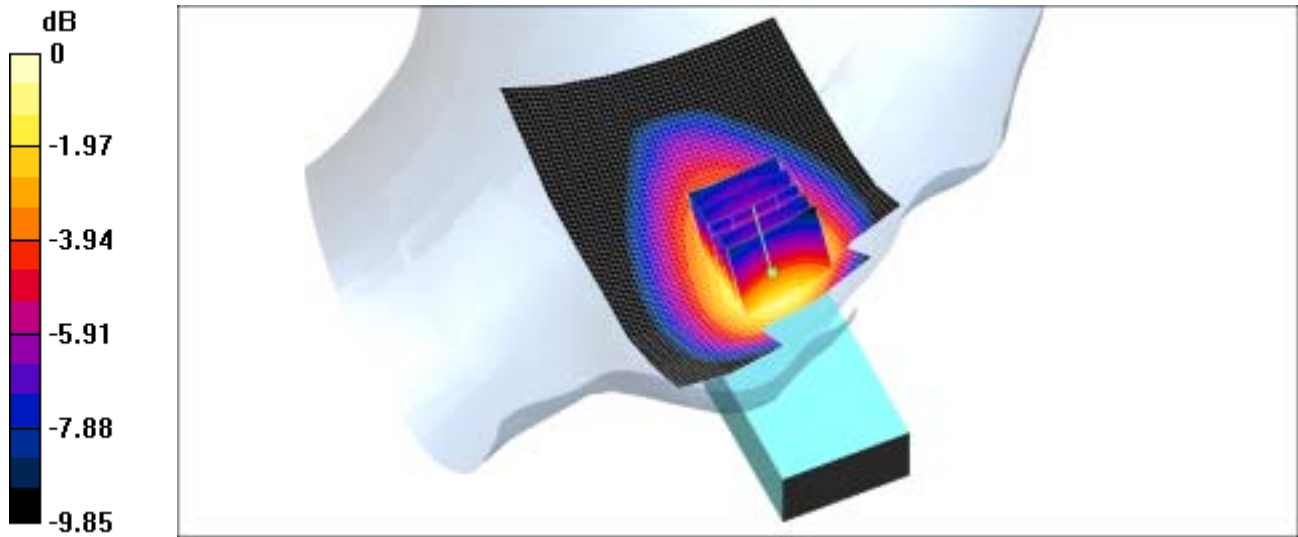
Cheek/Touch, Ch.383, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.9 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 1.1 mW/g

Maximum value of SAR (measured) = 1.15 mW/g



0 dB = 1.15mW/g

SAMSUNG FCC ID : A3LSPHA560 -- 835MHz AMPS Head SAR

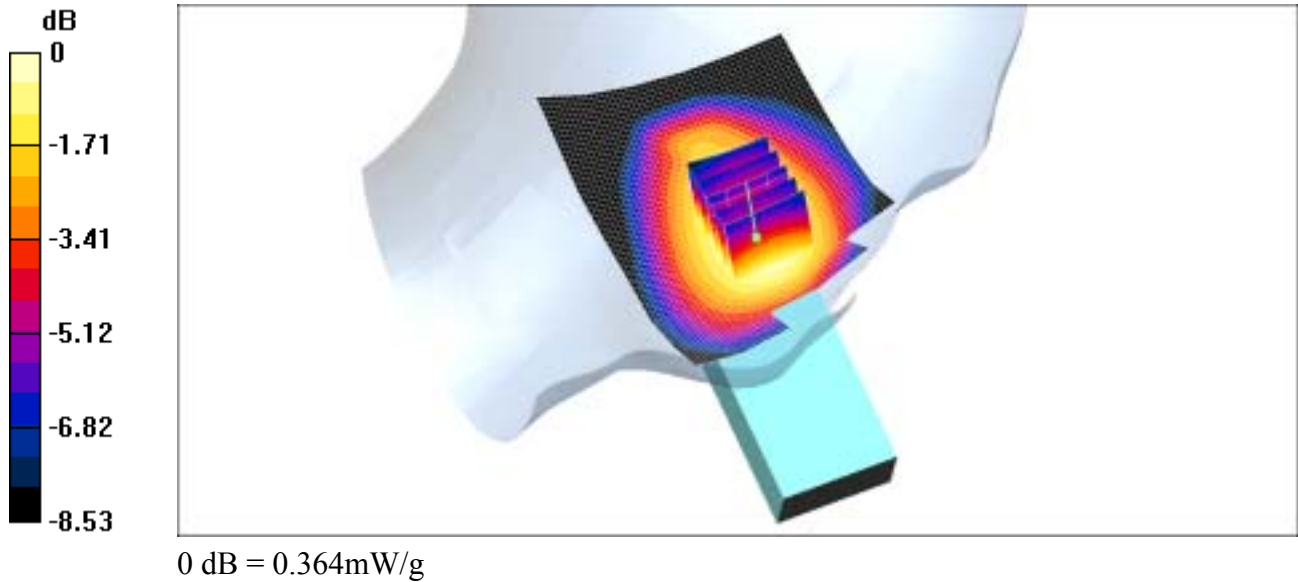
DUT: SPH-A560; Serial: FC-006-B
Program Name: SPH-A560 AMPS Left (Job No.: FC-006)
Procedure Name: Ear/Tilt, Ch.383, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.1;Test Date-13/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: AMPS; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 836.49 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 40.6$; $\rho = 1000 \text{ kg/m}^3$
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 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Ear/Tilt, Ch.383, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.378 mW/g

Ear/Tilt, Ch.383, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 13.3 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.432 W/kg
SAR(1 g) = 0.347 mW/g
Maximum value of SAR (measured) = 0.364 mW/g



SAMSUNG FCC ID : A3LSPHA560 -- 835MHz CDMA Head SAR

DUT: SPH-A560; Serial: FC-006-B

Program Name: SPH-A560 CDMA Right (Job No.: FC-006)

Procedure Name: Cheek/Touch, Ch.363, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.1;Test Date-13/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 835.89 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 40.6$; $\rho = 1000 \text{ kg/m}^3$

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 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Cheek/Touch, Ch.363, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.937 mW/g

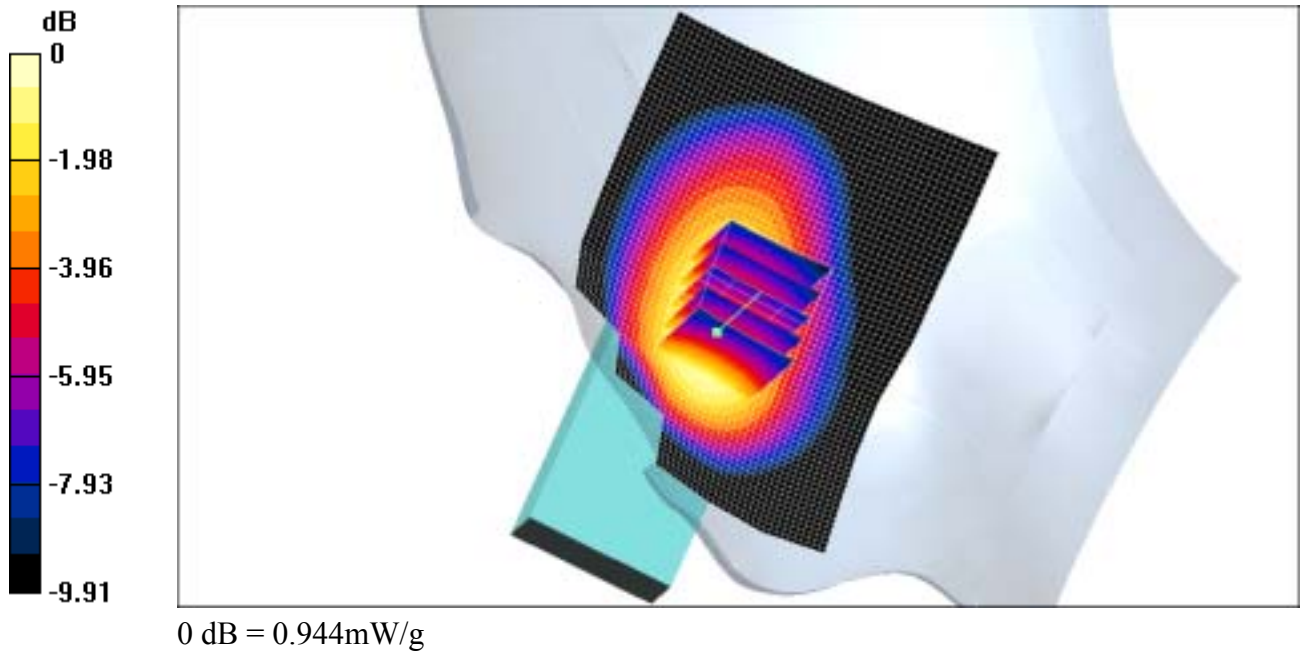
Cheek/Touch, Ch.363, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.885 mW/g

Maximum value of SAR (measured) = 0.944 mW/g



SAMSUNG FCC ID : A3LSPHA560 -- 835MHz CDMA Head SAR

DUT: SPH-A560; Serial: FC-006-B

Program Name: SPH-A560 CDMA Right (Job No.: FC-006)

Procedure Name: Ear/Tilt, Ch.363, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.1;Test Date-13/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 835.89 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 40.6$; $\rho = 1000 \text{ kg/m}^3$

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 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Ear/Tilt, Ch.363, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.314 mW/g

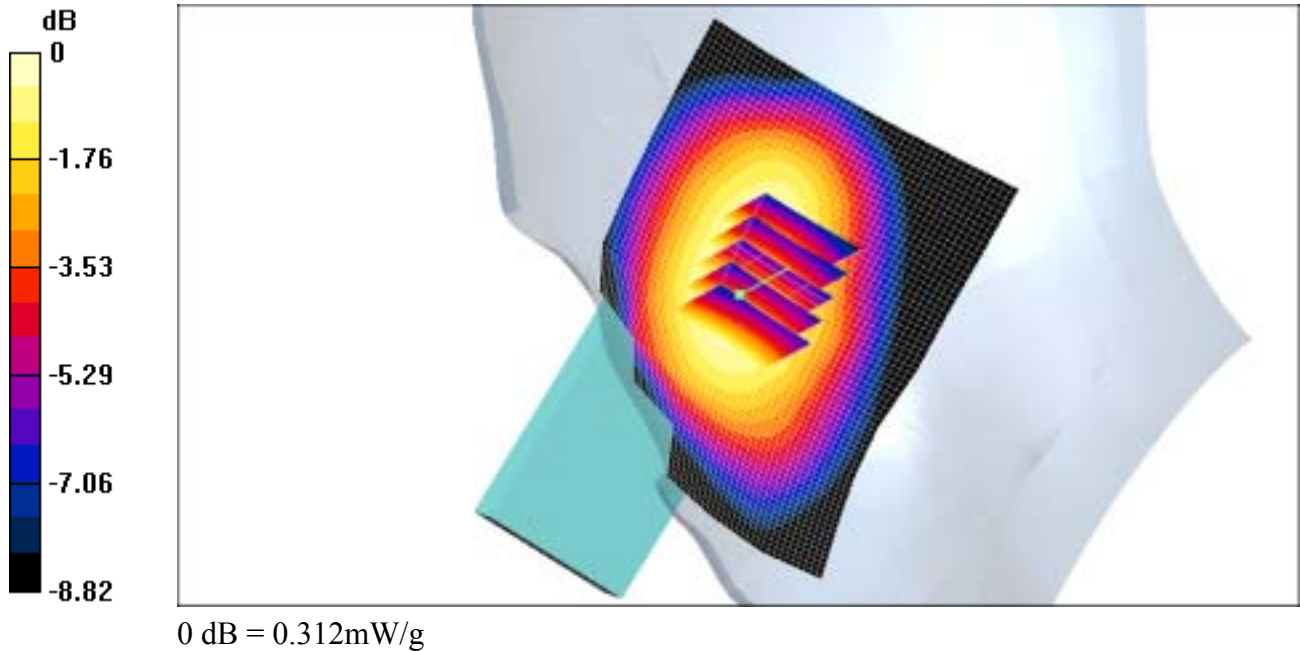
Ear/Tilt, Ch.363, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.7 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 0.371 W/kg

SAR(1 g) = 0.297 mW/g

Maximum value of SAR (measured) = 0.312 mW/g



SAMSUNG FCC ID : A3LSPHA560 -- 835MHz CDMA Head SAR

DUT: SPH-A560; Serial: FC-006-B

Program Name: SPH-A560 CDMA Left (Job No.: FC-006)

Procedure Name: Cheek/Touch, Ch.363, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.1;Test Date-13/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 835.89 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 40.6$; $\rho = 1000 \text{ kg/m}^3$

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 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Cheek/Touch, Ch.363, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.922 mW/g

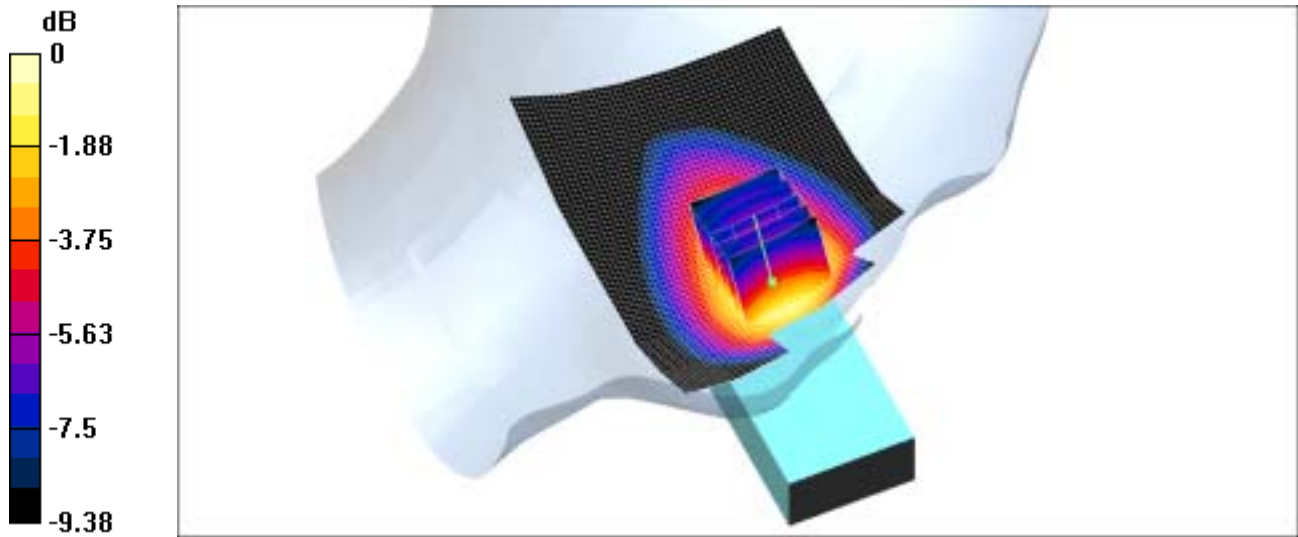
Cheek/Touch, Ch.363, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.4 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.830 mW/g

Maximum value of SAR (measured) = 0.876 mW/g



0 dB = 0.876mW/g

SAMSUNG FCC ID : A3LSPHA560 -- 835MHz CDMA Head SAR

DUT: SPH-A560; Serial: FC-006-B

Program Name: SPH-A560 CDMA Left (Job No.: FC-006)

Procedure Name: Ear/Tilt, Ch.363, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.1;Test Date-13/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 835.89 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 40.6$; $\rho = 1000 \text{ kg/m}^3$

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 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Ear/Tilt, Ch.363, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.296 mW/g

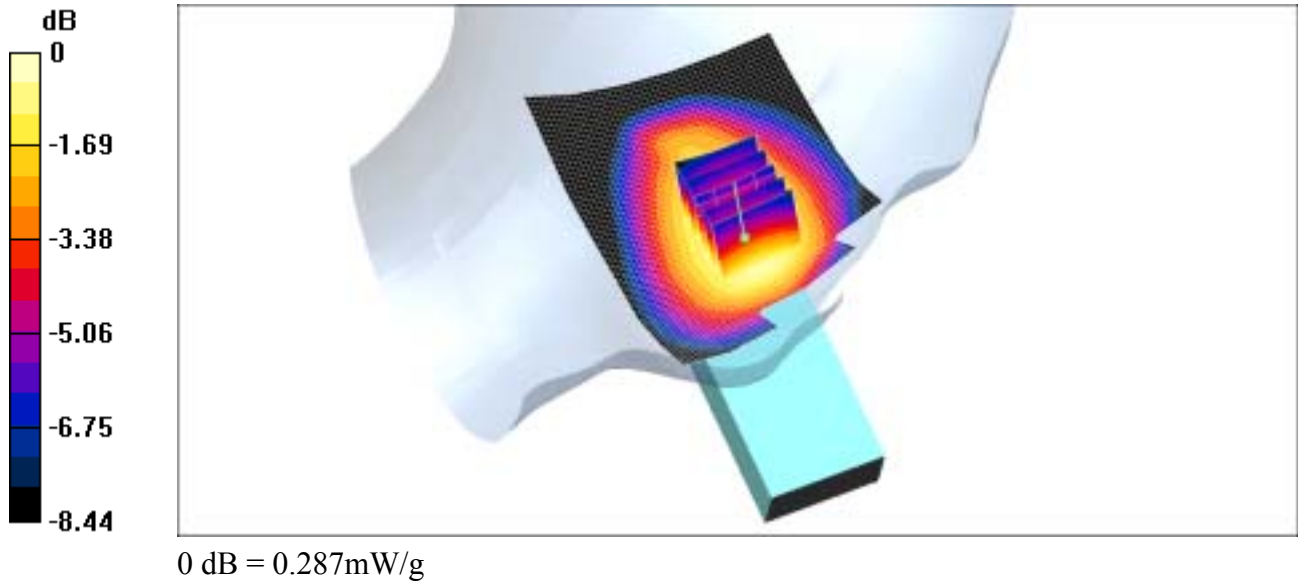
Ear/Tilt, Ch.363, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.6 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 0.339 W/kg

SAR(1 g) = 0.274 mW/g

Maximum value of SAR (measured) = 0.287 mW/g



SAMSUNG FCC ID : A3LSPHA560 -- 1900MHz PCS CDMA Head SAR

DUT: SPH-A560; Serial: FC-006-B

Program Name: SPH-A560 PCS Right (Job No.: FC-006)

Procedure Name: Cheek/Touch, Ch.0025, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-14/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 38.7$; $\rho = 1000 \text{ kg/m}^3$

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 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Cheek/Touch, Ch.0025, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.984 mW/g

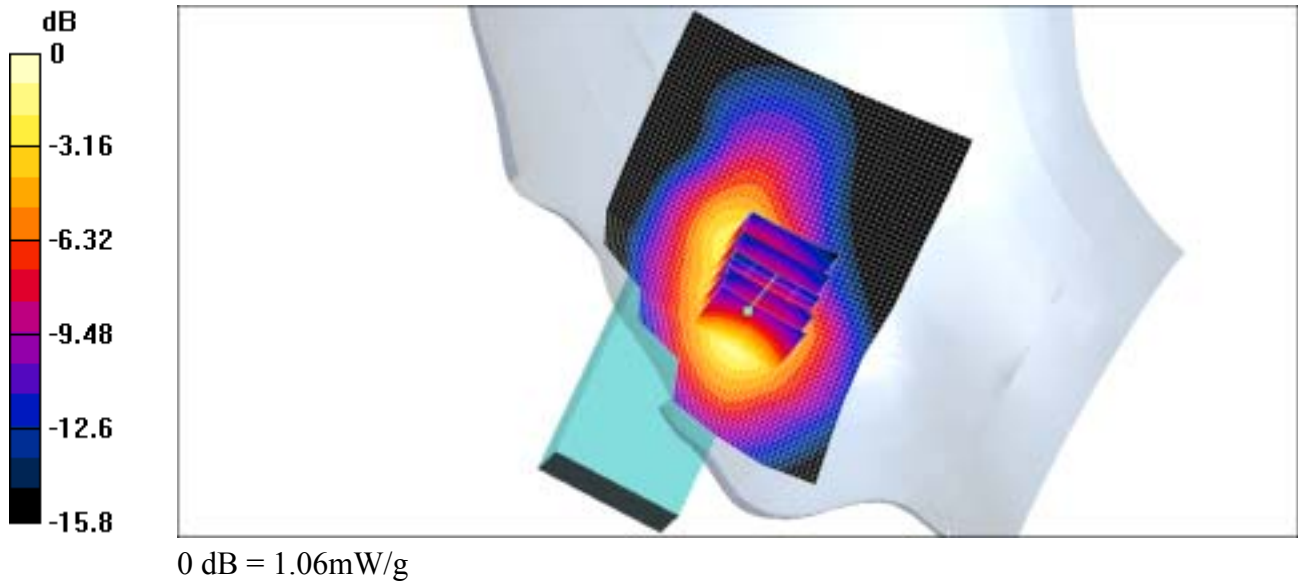
Cheek/Touch, Ch.0025, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.1 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.977 mW/g

Maximum value of SAR (measured) = 1.06 mW/g



SAMSUNG FCC ID : A3LSPHA560 -- 1900MHz PCS CDMA Head SAR

DUT: SPH-A560; Serial: FC-006-B

Program Name: SPH-A560 PCS Right (Job No.: FC-006)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-14/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 38.7$; $\rho = 1000 \text{ kg/m}^3$

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 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

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

Maximum value of SAR (interpolated) = 0.125 mW/g

Ear/Tilt, Ch.0600, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$,

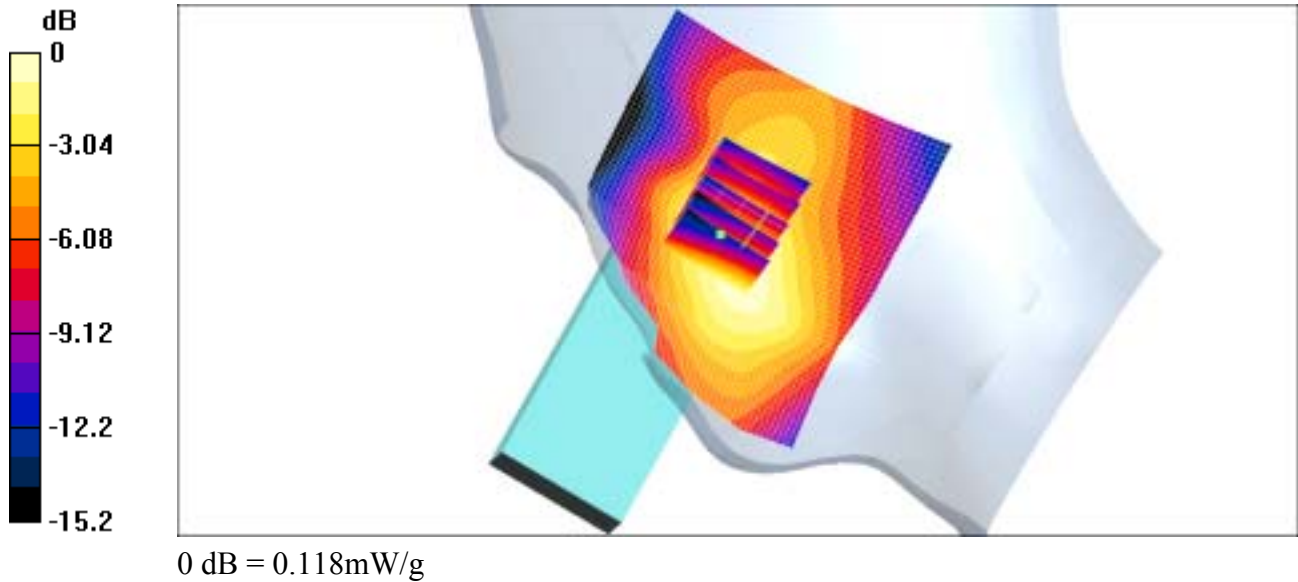
$dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.06 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 0.154 W/kg

SAR(1 g) = 0.112 mW/g

Maximum value of SAR (measured) = 0.118 mW/g



SAMSUNG FCC ID : A3LSPHA560 -- 1900MHz PCS CDMA Head SAR

DUT: SPH-A560; Serial: FC-006-B

Program Name: SPH-A560 PCS Left (Job No.: FC-006)

Procedure Name: Cheek/Touch, Ch.0600, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-14/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 38.7$; $\rho = 1000 \text{ kg/m}^3$

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 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Cheek/Touch, Ch.0600, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.683 mW/g

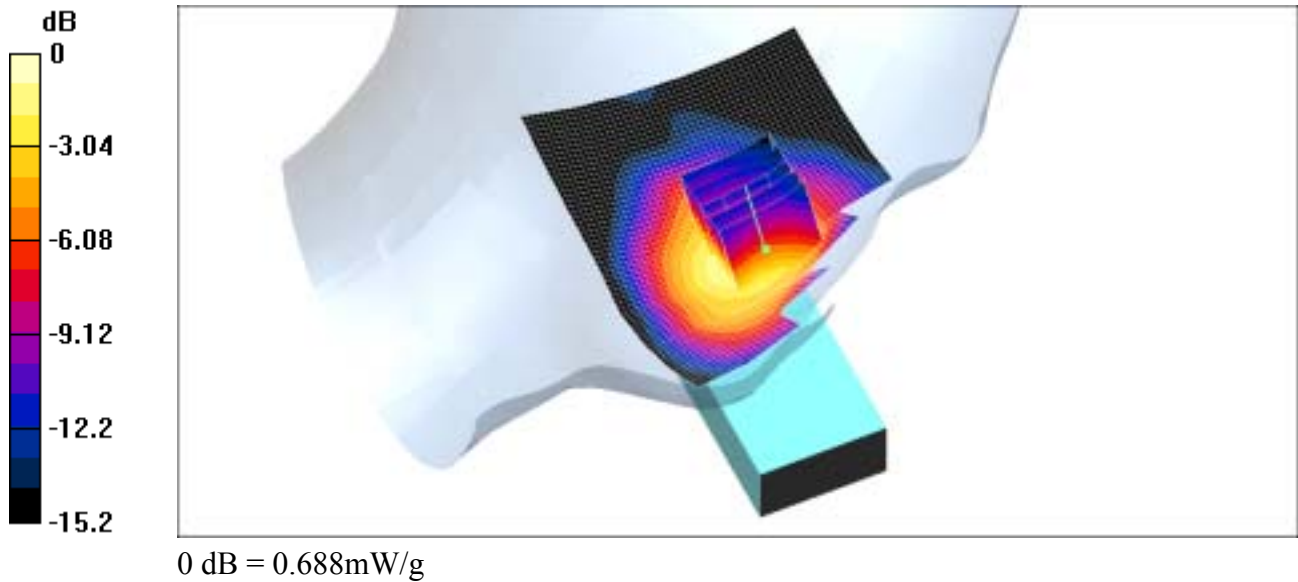
Cheek/Touch, Ch.0600, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.88 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 0.986 W/kg

SAR(1 g) = 0.657 mW/g

Maximum value of SAR (measured) = 0.688 mW/g



SAMSUNG FCC ID : A3LSPHA560 -- 1900MHz PCS CDMA Head SAR

DUT: SPH-A560; Serial: FC-006-B

Program Name: SPH-A560 PCS Left (Job No.: FC-006)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-14/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 38.7$; $\rho = 1000 \text{ kg/m}^3$

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 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

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

Maximum value of SAR (interpolated) = 0.129 mW/g

Ear/Tilt, Ch.0600, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$,

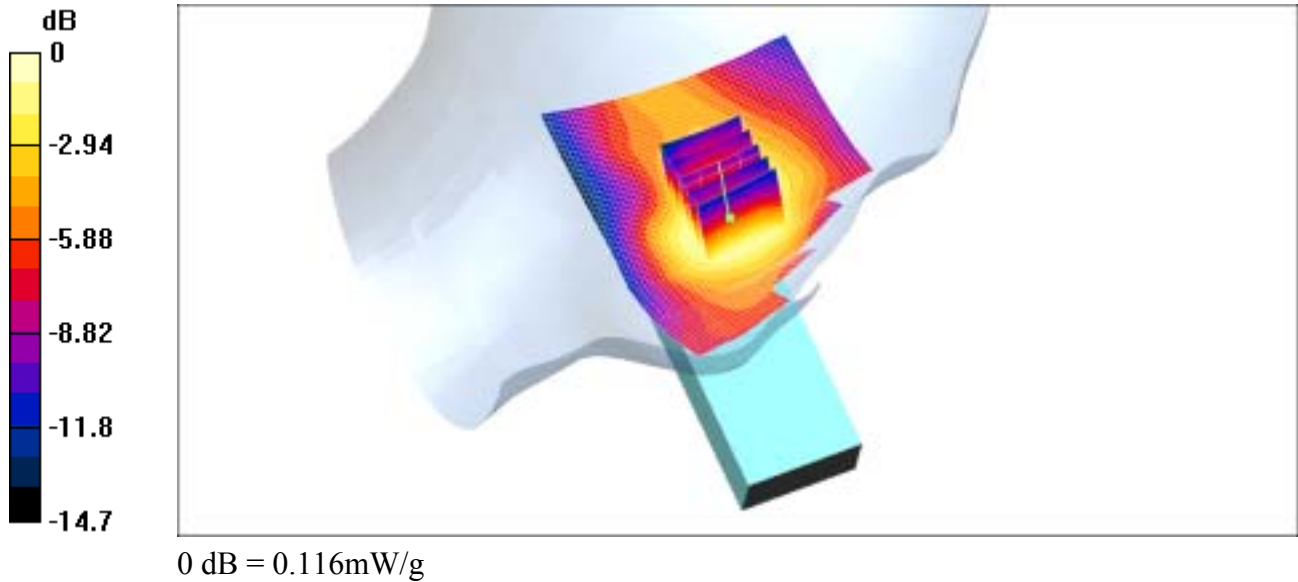
$dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.33 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.109 mW/g

Maximum value of SAR (measured) = 0.116 mW/g



SAMSUNG FCC ID : A3LSPHA560 -- 835MHz AMPS Body SAR

DUT: SPH-A560(Body); Serial: FC-006-B

Program Name: SPH-A560 AMPS Body (Job No.: FC-006)

Procedure Name: Body, Ch.0383, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.4;Test Date-15/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: AMPS; Frequency: 836.49 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 836.49 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$

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 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Body, Ch.0383, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.828 mW/g

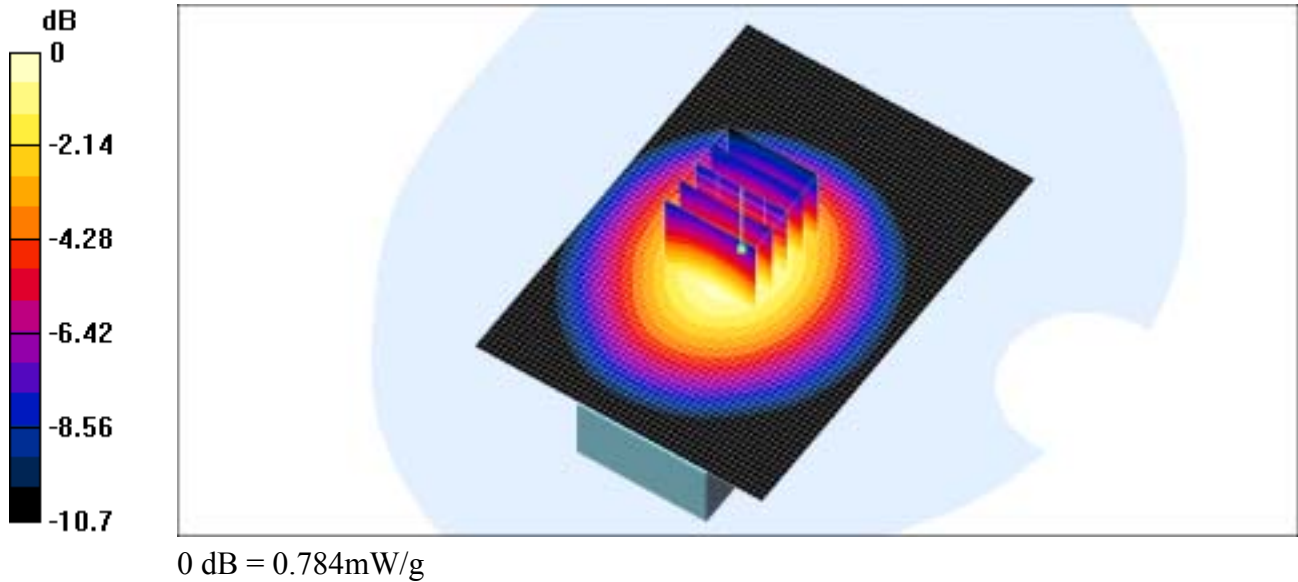
Body, Ch.0383, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 23.5 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.953 W/kg

SAR(1 g) = 0.737 mW/g

Maximum value of SAR (measured) = 0.784 mW/g



SAMSUNG FCC ID : A3LSPHA560 -- 835MHz CDMA Body SAR

DUT: SPH-A560(Body); Serial: FC-006-B
Program Name: SPH-A560 CDMA Body (Job No.: FC-006)
Procedure Name: Body, Ch.0363, Ant.Intenna, Bat.Standard Holster 90
Procedure Notes: Meas.Tissue Temp(celsius)-21.4;Test Date-15/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

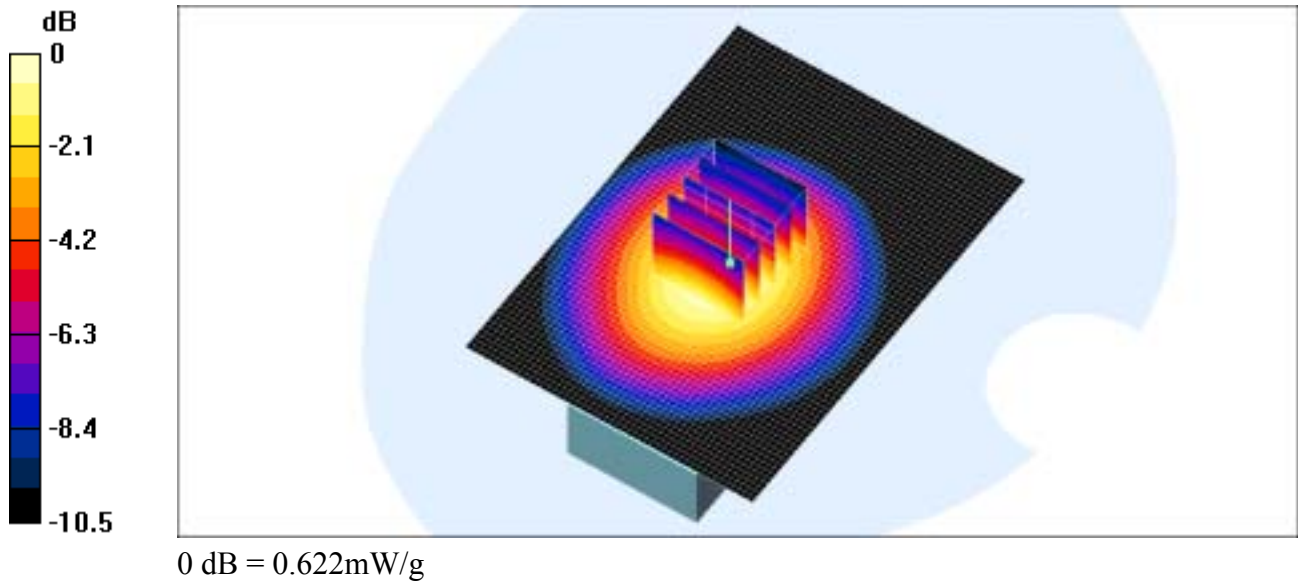
Communication System: CDMA; Frequency: 835.89 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 835.89 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

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 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Body, Ch.0363, Ant.Intenna, Bat.Standard Holster 90/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.639 mW/g

Body, Ch.0363, Ant.Intenna, Bat.Standard Holster 90/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 19.2 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.765 W/kg
SAR(1 g) = 0.583 mW/g
Maximum value of SAR (measured) = 0.622 mW/g



SAMSUNG FCC ID : A3LSPHA560 -- 1900MHz PCS CDMA Body SAR

DUT: SPH-A560(Body); Serial: FC-006-B

Program Name: SPH-A560 PCS Body (Job No.: FC-006)

Procedure Name: Body, Ch.0025, Ant.Intenna, Bat.Standard, Holster Rotation +90 degree

Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-18/Nov/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $\sigma = 1.54$; mho/m, $\epsilon_r = 51.5$; $\rho = 1000$ 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 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Body, Ch.0025, Ant.Intenna, Bat.Standard, Holster Rotation +90 degree/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 1.15 mW/g

Body, Ch.0025, Ant.Intenna, Bat.Standard, Holster Rotation +90 degree/Zoom Scan (5x5x7)/Cube

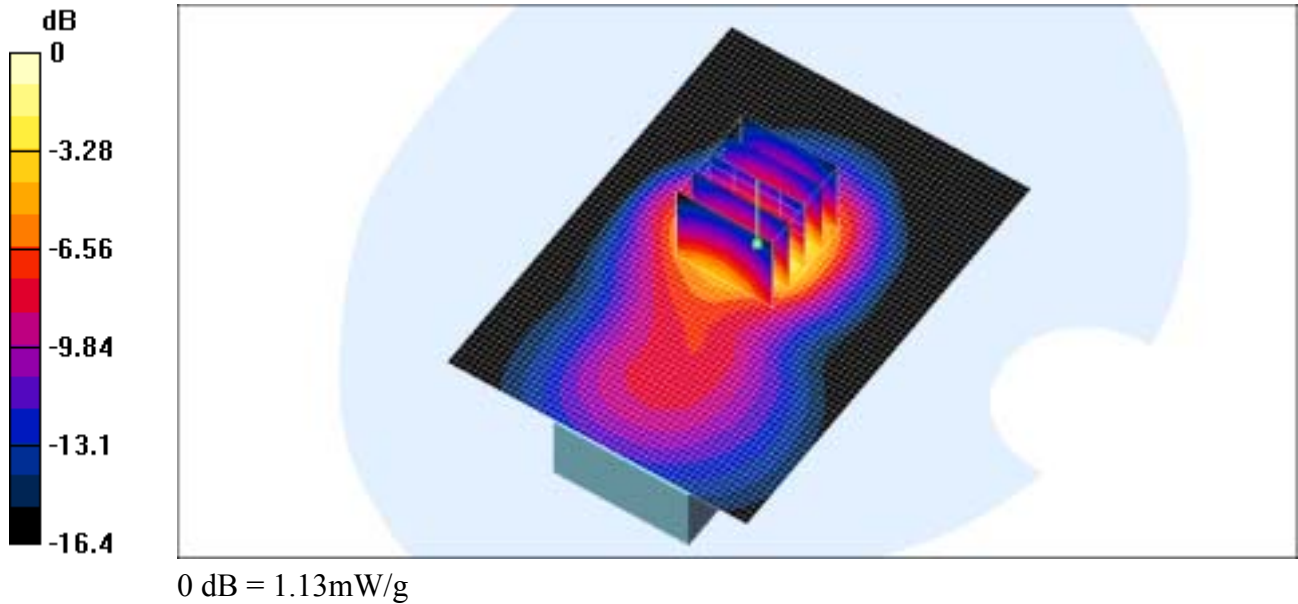
0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.5 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 1.01 mW/g

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



SAMSUNG FCC ID : A3LSPHA560 -- 835MHz AMPS Head SAR

DUT: SPH-A560; Serial: FC-006-B

Program Name: SPH-A560 AMPS Right (Job No.: FC-006)

Procedure Name: Cheek/Touch, Ch.383, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.1;Test Date-13/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: AMPS; Frequency: 836.49 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 836.49 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 40.6$; $\rho = 1000 \text{ kg/m}^3$

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 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Cheek/Touch, Ch.383, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.18 mW/g

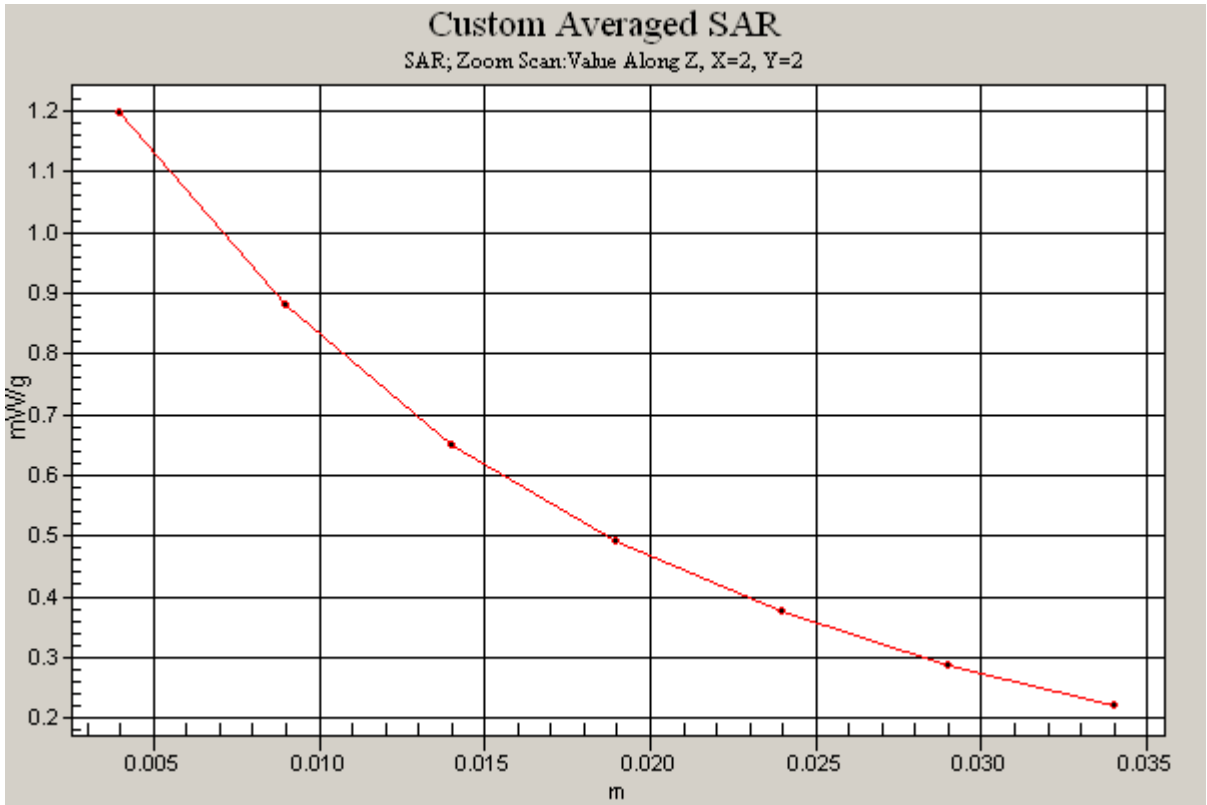
Cheek/Touch, Ch.383, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 1.12 mW/g

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



SAMSUNG FCC ID : A3LSPHA560 -- 835MHz CDMA Head SAR

DUT: SPH-A560; Serial: FC-006-B

Program Name: SPH-A560 CDMA Right (Job No.: FC-006)

Procedure Name: Cheek/Touch, Ch.363, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.1;Test Date-13/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 835.89 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 40.6$; $\rho = 1000 \text{ kg/m}^3$

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 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Cheek/Touch, Ch.363, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.937 mW/g

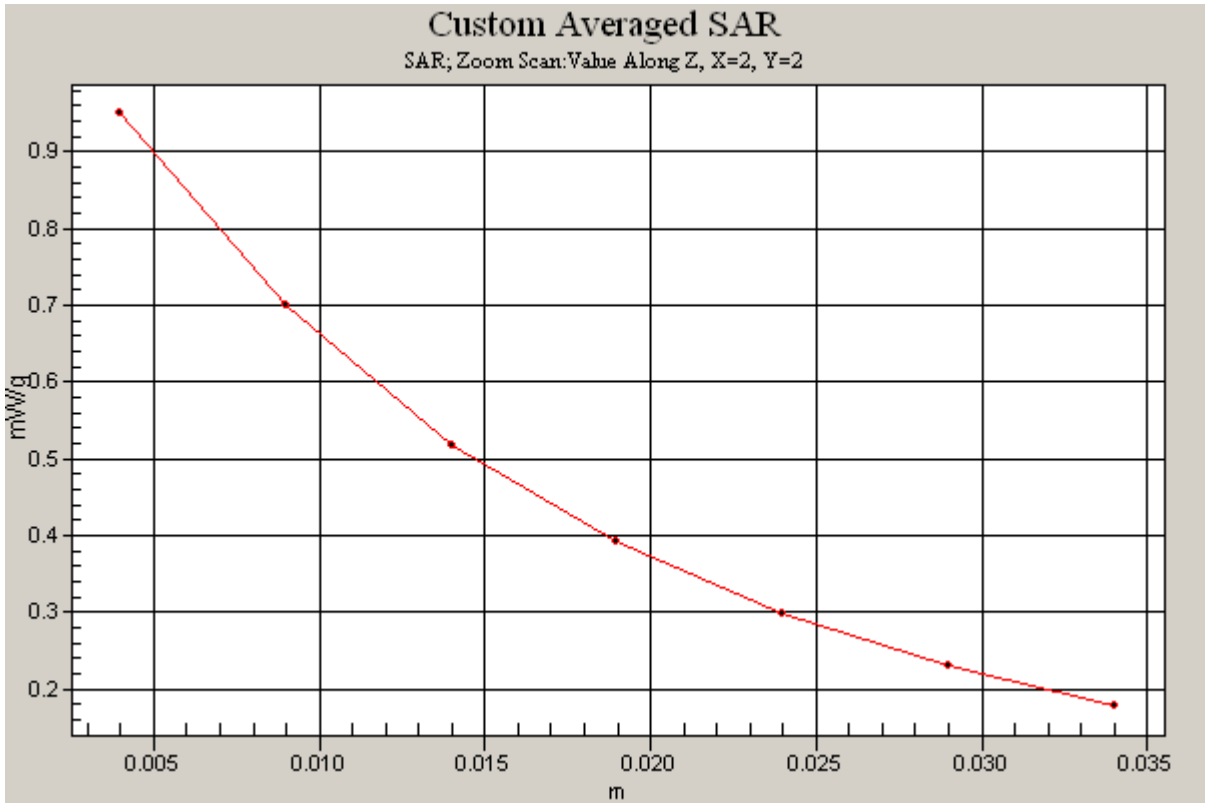
Cheek/Touch, Ch.363, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.885 mW/g

Maximum value of SAR (measured) = 0.944 mW/g



SAMSUNG FCC ID : A3LSPHA560 -- 1900MHz PCS CDMA Head SAR

DUT: SPH-A560; Serial: FC-006-B

Program Name: SPH-A560 PCS Right (Job No.: FC-006)

Procedure Name: Cheek/Touch, Ch.0025, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-14/Jan/2005[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; σ = 1.38 mho/m; ϵ_r = 38.7; ρ = 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 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Cheek/Touch, Ch.0025, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.984 mW/g

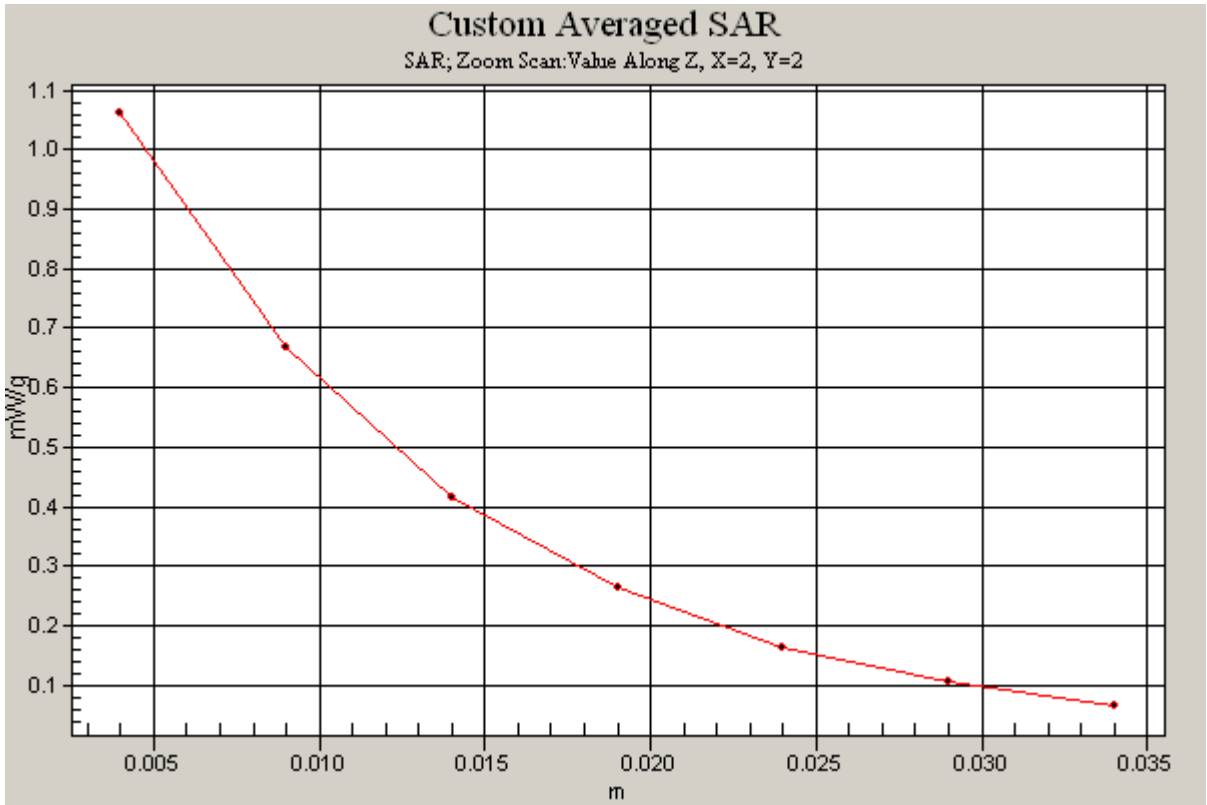
Cheek/Touch, Ch.0025, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.1 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.977 mW/g

Maximum value of SAR (measured) = 1.06 mW/g



SAMSUNG FCC ID : A3LSPHA560 -- 835MHz AMPS Body SAR

DUT: SPH-A560(Body); Serial: FC-006-B
Program Name: SPH-A560 AMPS Body (Job No.: FC-006)
Procedure Name: Body, Ch.0383, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.4;Test Date-15/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

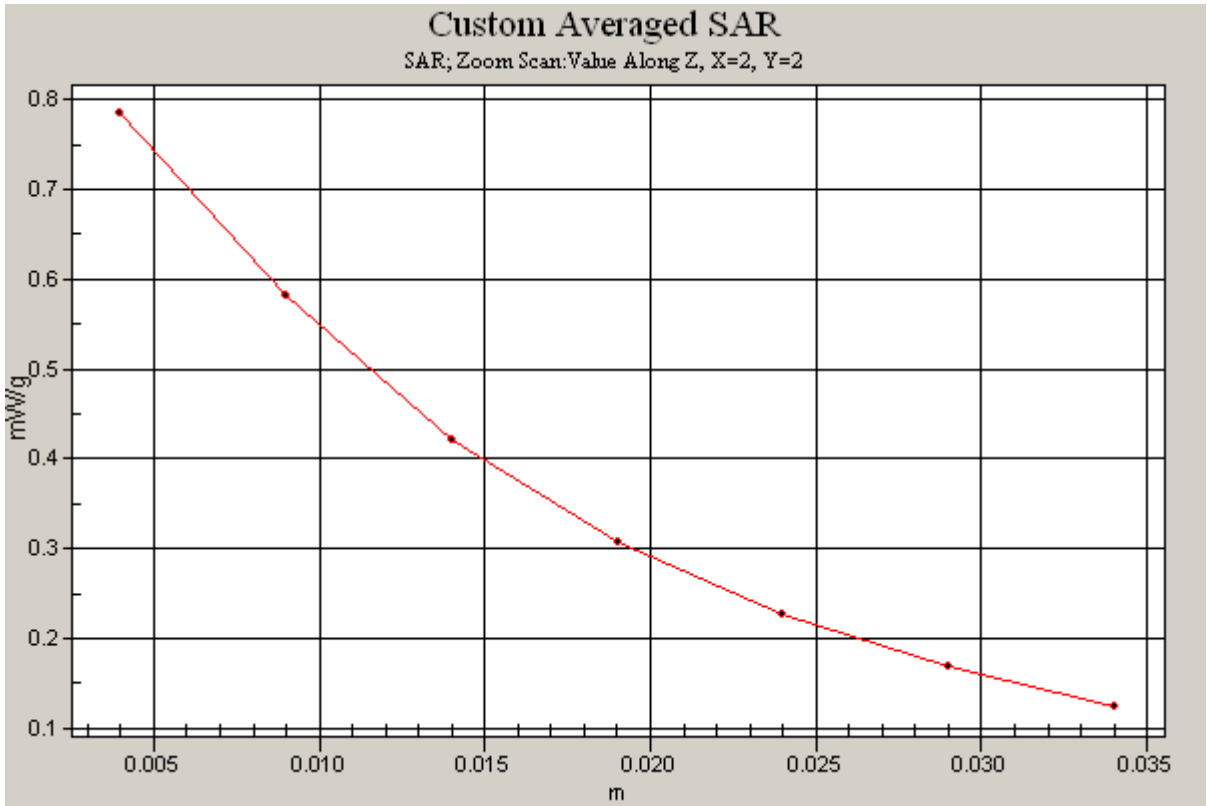
Communication System: AMPS; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 836.49 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

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 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Body, Ch.0383, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.828 mW/g

Body, Ch.0383, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.5 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.953 W/kg
SAR(1 g) = 0.737 mW/g
Maximum value of SAR (measured) = 0.784 mW/g



SAMSUNG FCC ID : A3LSPHA560 -- 835MHz CDMA Body SAR

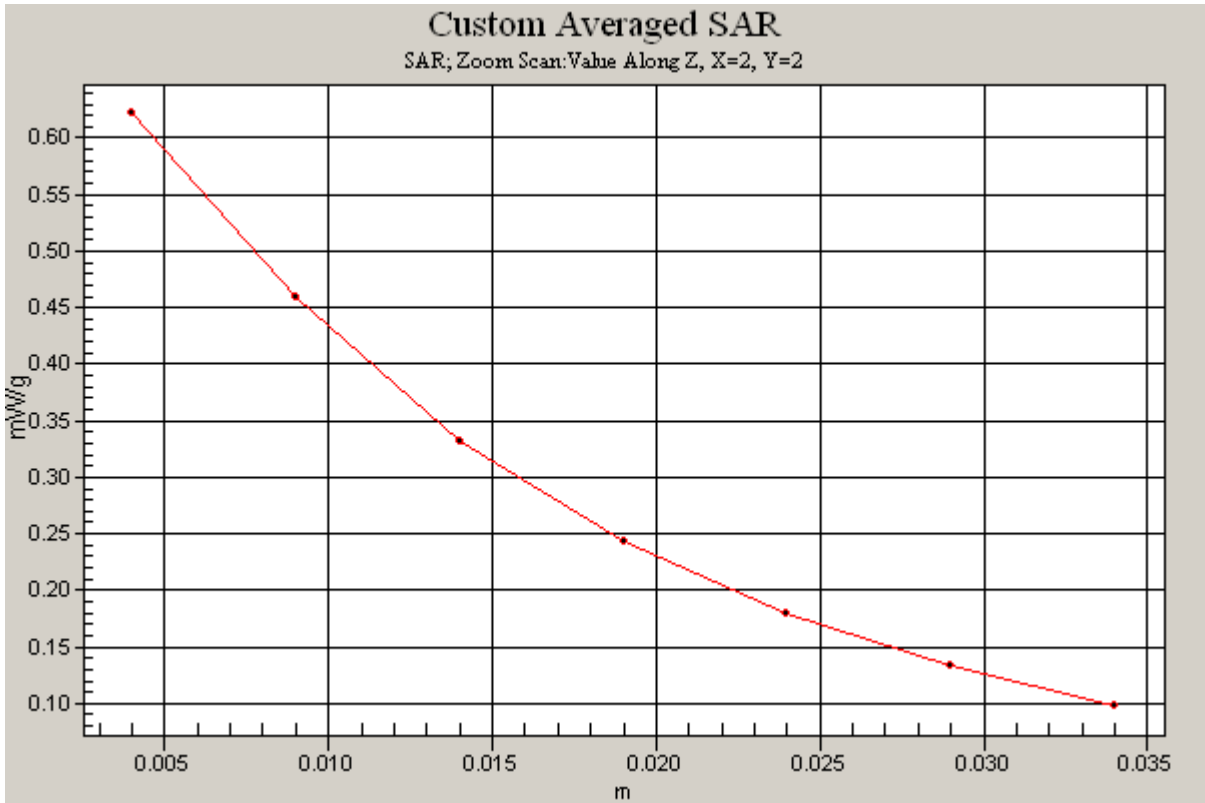
DUT: SPH-A560(Body); Serial: FC-006-B
Program Name: SPH-A560 CDMA Body (Job No.: FC-006)
Procedure Name: Body, Ch.0363, Ant.Intenna, Bat.Standard Holster 90
Procedure Notes: Meas.Tissue Temp(celsius)-21.4;Test Date-15/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 835.89 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 835.89 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$
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 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Body, Ch.0363, Ant.Intenna, Bat.Standard Holster 90/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.639 mW/g

Body, Ch.0363, Ant.Intenna, Bat.Standard Holster 90/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 19.2 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.765 W/kg
SAR(1 g) = 0.583 mW/g
Maximum value of SAR (measured) = 0.622 mW/g



SAMSUNG FCC ID : A3LSPHA560 -- 1900MHz PCS CDMA Body SAR

DUT: SPH-A560(Body); Serial: FC-006-B
Program Name: SPH-A560 PCS Body (Job No.: FC-006)
Procedure Name: Body, Ch.0025, Ant.Intenna, Bat.Standard, Holster Rotation +90 degree
Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-18/Nov/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: PCS; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used: $\sigma = 1.54$; mho/m, $\epsilon_r = 51.5348$; $\rho = 1000$ 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 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Body, Ch.0025, Ant.Intenna, Bat.Standard, Holster Rotation +90 degree/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.15 mW/g

Body, Ch.0025, Ant.Intenna, Bat.Standard, Holster Rotation +90 degree/Zoom Scan (5x5x7)/Cube

0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.5 V/m; Power Drift = 0.0 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 1.01 mW/g
Maximum value of SAR (measured) = 1.13 mW/g

