

SAMSUNG FCC ID : A3LSCHI730 -- 835MHz CDMA Head SAR

DUT: SCH-i730(DOWN); Serial: FB-068-A

Program Name: SCH-i730 CDMA Right (Slide Down, Job No.: FB-068)

Procedure Name: Cheek/Touch, Ch.0777, Ant.In, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.4;Test Date-02/Dec/[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.87 \text{ mho/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$

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 Sn486; Calibrated: 2004-08-23
- 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.0777, Ant.In, Bat.Extended/Area Scan (51x71x1): Measurement grid:

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

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

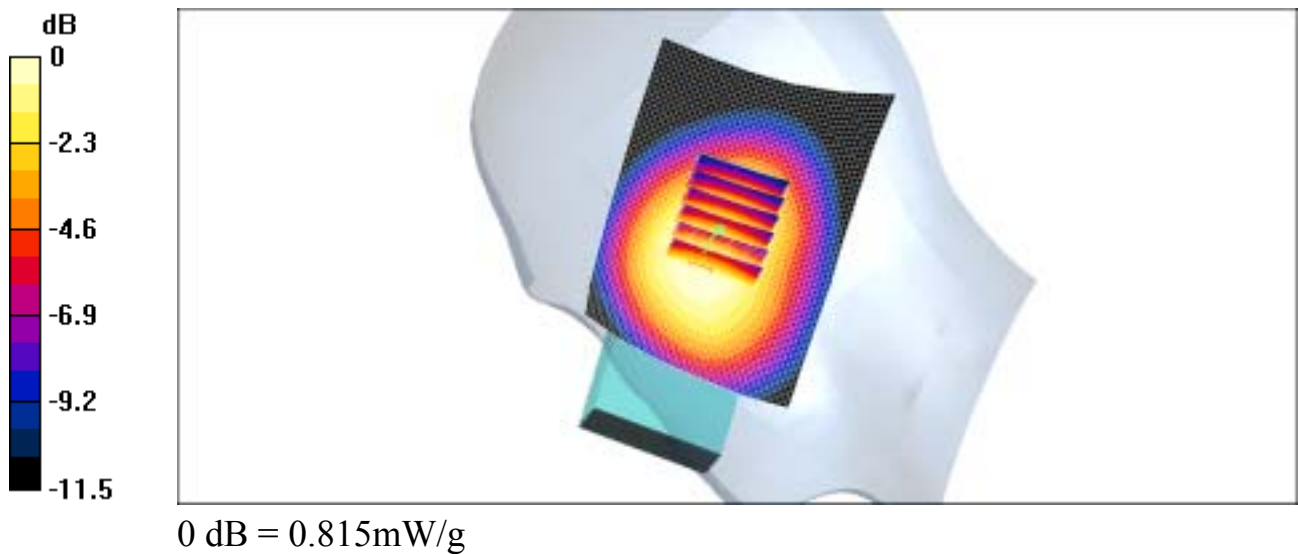
Cheek/Touch, Ch.0777, Ant.In, Bat.Extended/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 29.9 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 0.933 W/kg

SAR(1 g) = 0.781 mW/g

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



SAMSUNG FCC ID : A3LSCHI730 -- 835MHz CDMA Head SAR

DUT: SCH-i730(DOWN); Serial: FB-068-A

Program Name: SCH-i730 CDMA Right (Slide Down, Job No.: FB-068)

Procedure Name: Ear/Tilt, Ch.1013, Ant.Out, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.4;Test Date-02/Dec/[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.87 \text{ mho/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$

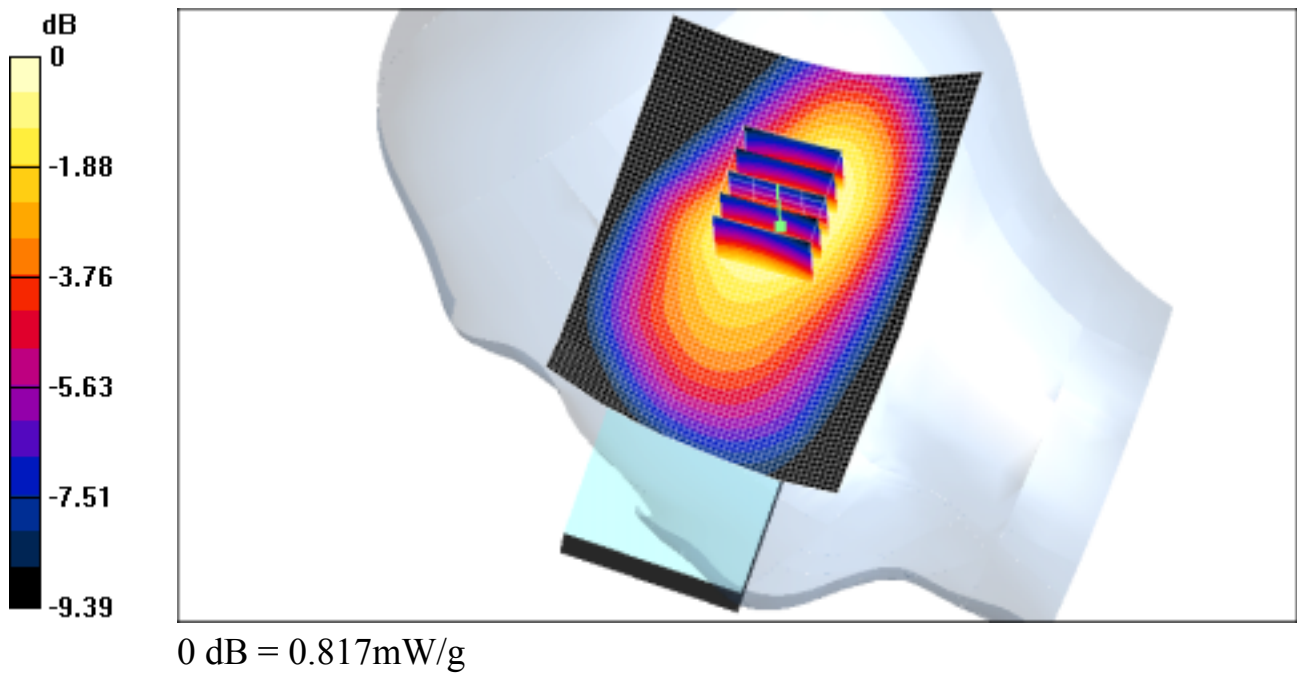
Phantom section: Right Section

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 Sn486; Calibrated: 2004-08-23
- 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.1013, Ant.Out, Bat.Extended/Area Scan (51x71x1): Measurement grid:
 $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.815 mW/g

Ear/Tilt, 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 = 31 V/m; Power Drift = -0.0 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.758 mW/g
Maximum value of SAR (measured) = 0.817 mW/g



SAMSUNG FCC ID : A3LSCHI730 -- 835MHz CDMA Head SAR

DUT: SCH-i730(Up); Serial: FB-068-A

Program Name: SCH-i730 CDMA Left (Slide Up, Job No.: FB-068)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.4;Test Date-02/Dec/[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.87 \text{ mho/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$

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 Sn486; Calibrated: 2004-08-23
- 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.1013, Ant.Out, Bat.Extended/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.1013, Ant.Out, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

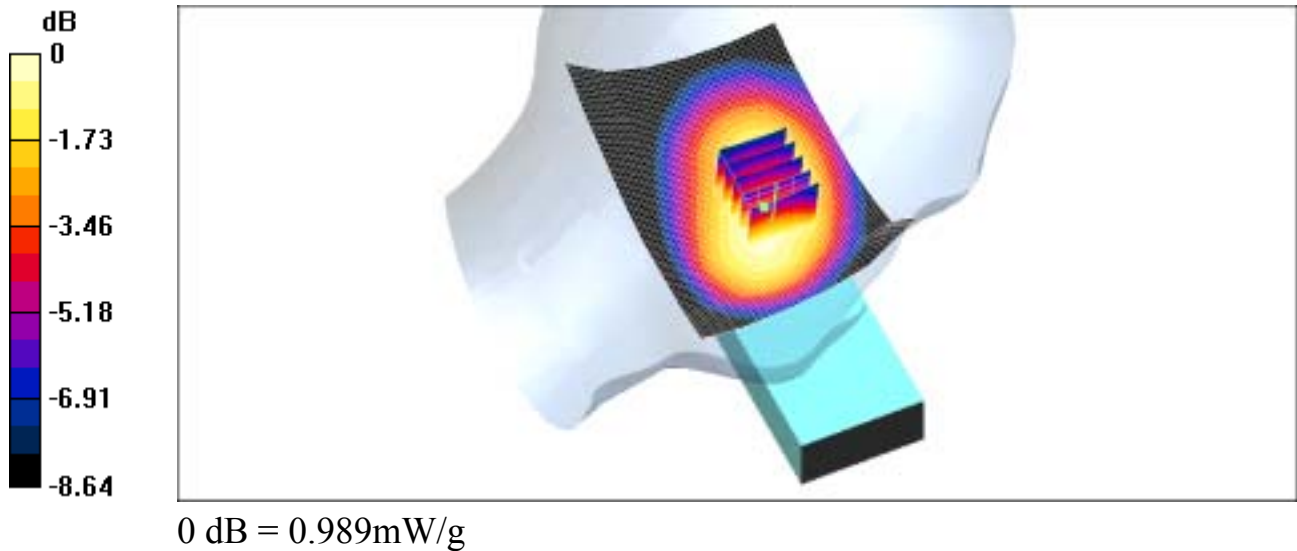
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 29.3 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.948 mW/g

Maximum value of SAR (measured) = 0.989 mW/g



SAMSUNG FCC ID : A3LSCHI730 -- 835MHz CDMA Head SAR

DUT: SCH-i730(DOWN); Serial: FB-068-A

Program Name: SCH-i730 CDMA Left (Slide Down, Job No.: FB-068)

Procedure Name: Ear/Tilt, Ch.1013, Ant.Out, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.5;Test Date-03/Dec/[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.87 \text{ mho/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$

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 Sn486; Calibrated: 2004-08-23
- 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.1013, Ant.Out, Bat.Extended/Area Scan (51x71x1): Measurement grid:

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

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

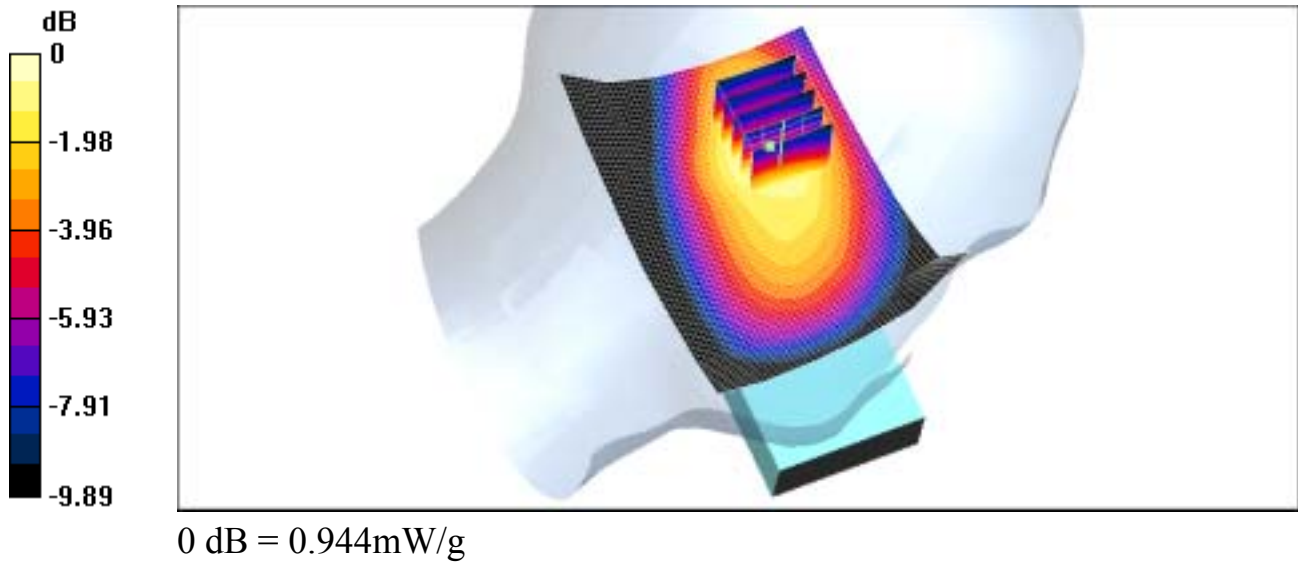
Ear/Tilt, Ch.1013, Ant.Out, Bat.Extended/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 30.7 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.893 mW/g

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



SAMSUNG FCC ID : A3LSCHI730 -- 1900MHz PCS CDMA Head SAR

DUT: SCH-i730(DOWN); Serial: FB-068-A

Program Name: SCH-i730 PCS Right (Slide Down, Job No.: FB-068)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.6;Test Date-30/Nov/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; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ 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 Sn486; Calibrated: 2004-08-23
- 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.1175, Ant.In, Bat.Extended/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.899 mW/g

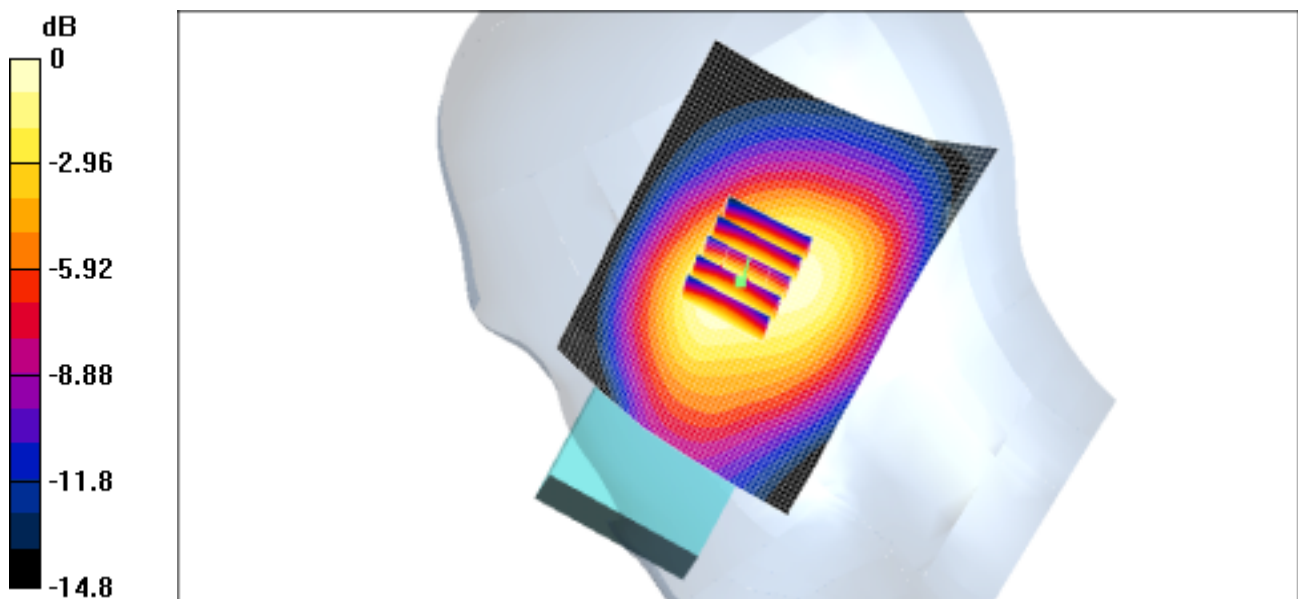
Cheek/Touch, Ch.1175, Ant.In, Bat.Extended/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.9 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 0.952 W/kg

SAR(1 g) = 0.739 mW/g

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



0 dB = 0.784mW/g

SAMSUNG FCC ID : A3LSCHI730 -- 1900MHz PCS CDMA Head SAR

DUT: SCH-i730(DOWN); Serial: FB-068-A

Program Name: SCH-i730 PCS Right (Slide Down, Job No.: FB-068)

Procedure Name: Ear/Tilt, Ch.1175, Ant.In, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.6;Test Date-30/Nov/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1908.75 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 39.2$; $\rho = 1000 \text{ kg/m}^3$

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 Sn486; Calibrated: 2004-08-23
- 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.1175, Ant.In, Bat.Extended/Area Scan (51x71x1): Measurement grid:

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

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

Ear/Tilt, Ch.1175, Ant.In, Bat.Extended/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

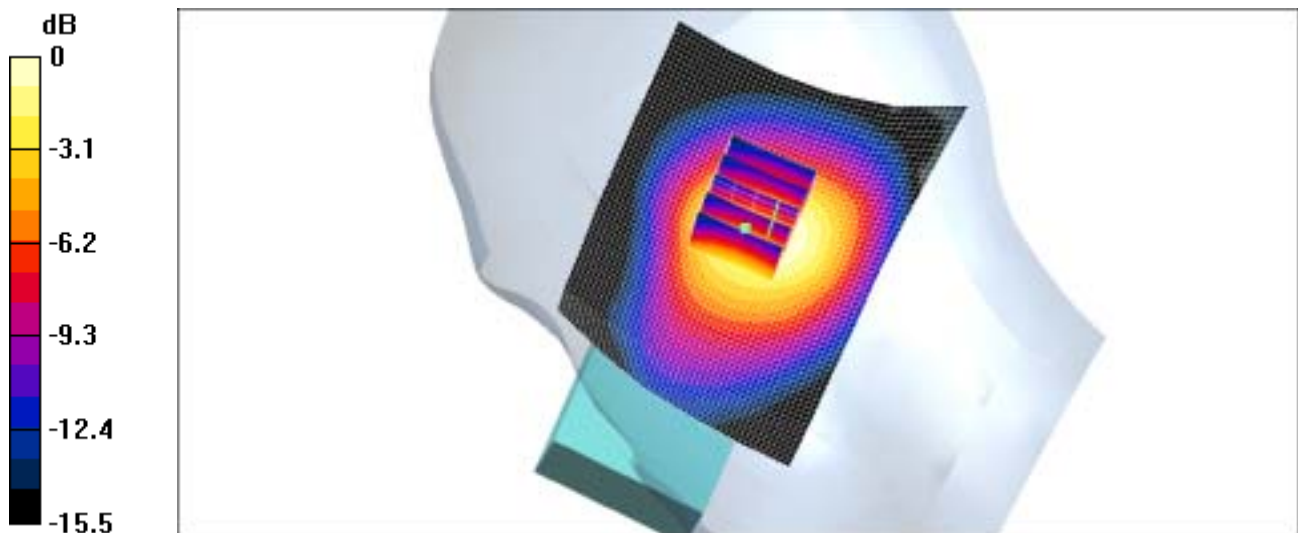
$dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 28.6 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 1.02 mW/g

Maximum value of SAR (measured) = 1.1 mW/g



0 dB = 1.1mW/g

SAMSUNG FCC ID : A3LSCHI730 -- 1900MHz PCS CDMA Head SAR

DUT: SCH-i730(DOWN); Serial: FB-068-A

Program Name: SCH-i730 PCS Left (Slide Down, Job No.: FB-068)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.6;Test Date-30/Nov/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1908.75 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 39.2$; $\rho = 1000 \text{ kg/m}^3$

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 Sn486; Calibrated: 2004-08-23
- 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.1175, Ant.In, Bat.Extended/Area Scan (51x71x1): Measurement grid:

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

Maximum value of SAR (interpolated) = 0.936 mW/g

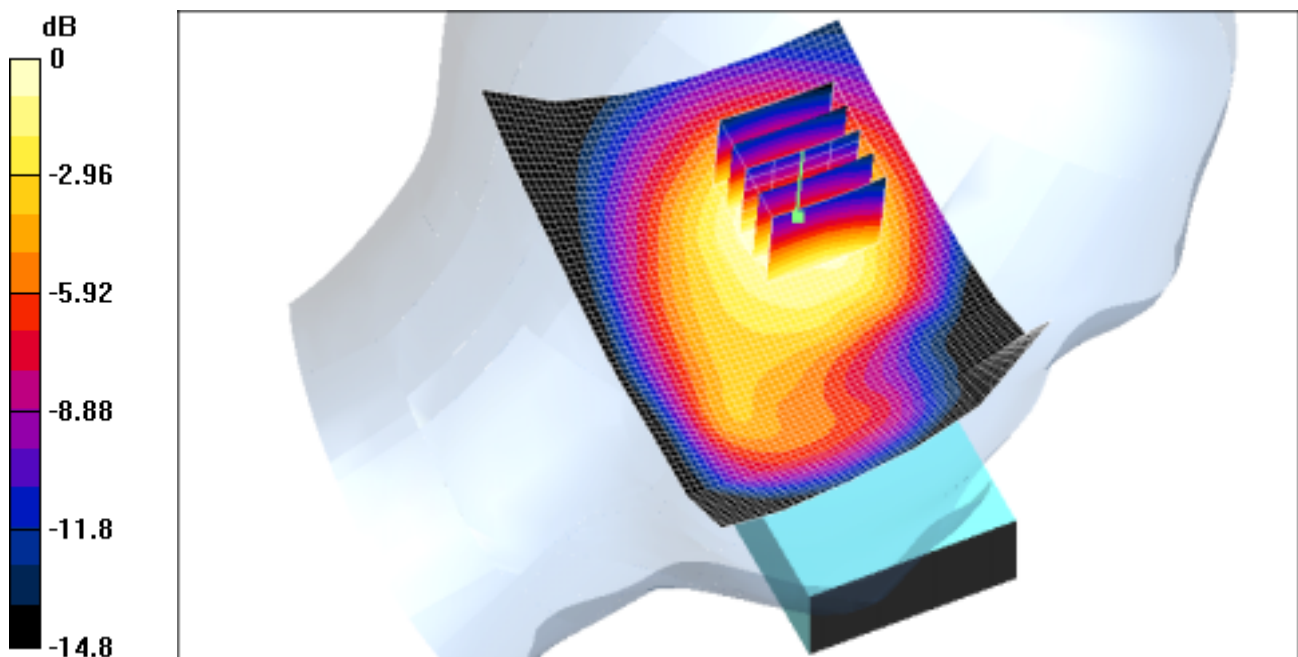
Cheek/Touch, Ch.1175, Ant.In, Bat.Extended/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 23 V/m ; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.808 mW/g

Maximum value of SAR (measured) = 0.864 mW/g



0 dB = 0.864 mW/g

SAMSUNG FCC ID : A3LSCHI730 -- 1900MHz PCS CDMA Head SAR

DUT: SCH-i730(DOWN); Serial: FB-068-A

Program Name: SCH-i730 PCS Left (Slide Down, Job No.: FB-068)

Procedure Name: Ear/Tilt, Ch.1175, Ant.In, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.6;Test Date-01/Dec/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; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ 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 Sn486; Calibrated: 2004-08-23
- 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.1175, Ant.In, Bat.Extended/Area Scan (51x71x1): Measurement grid:

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

Maximum value of SAR (interpolated) = 1.25 mW/g

Ear/Tilt, Ch.1175, Ant.In, Bat.Extended/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

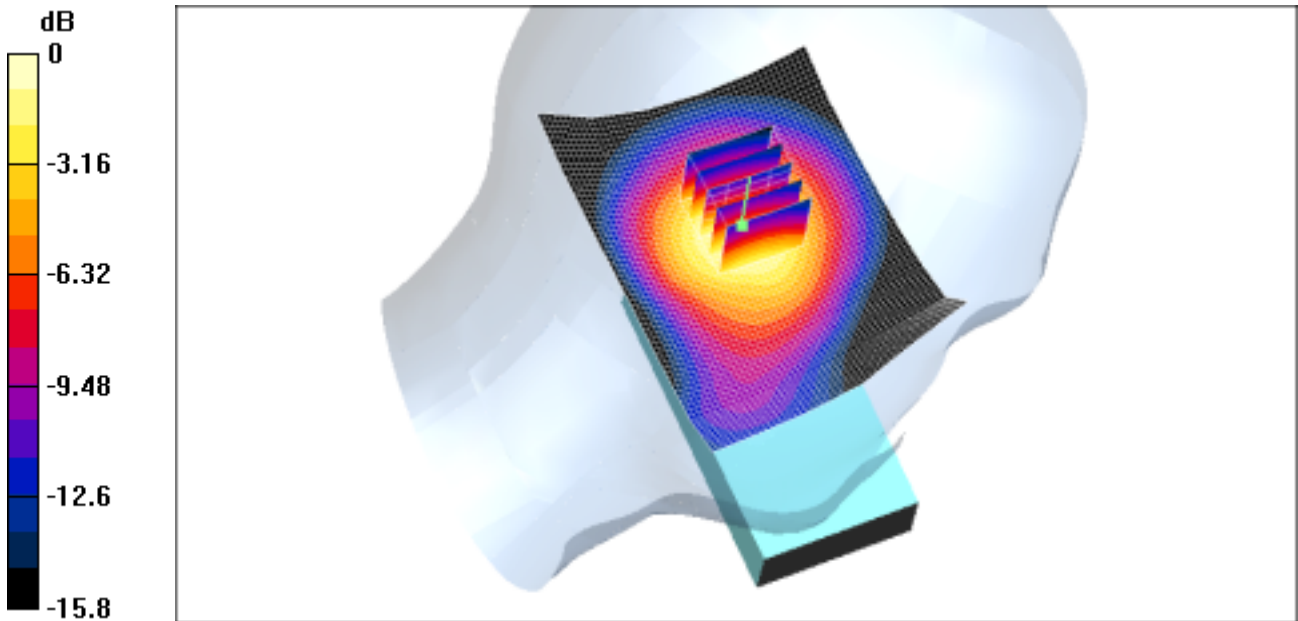
$$dx=8\text{mm}, dy=8\text{mm}, dz=5\text{mm}$$

Reference Value = 27.1 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 1.08 mW/g

Maximum value of SAR (measured) = 1.19 mW/g


$$0 \text{ dB} = 1.19 \text{ mW/g}$$

SAMSUNG FCC ID : A3LSCHI730 -- 2450MHz WLAN & Bluetooth Head SAR

DUT: SCH-i730(DOWN); Serial: FB-068-A

Program Name: SCH-i730 WLAN with BT Right (Slide Down, Job No.: FB-068)

Procedure Name: Cheek/Touch, Ch 11, Ant.In, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-22.5;Test Date-04/Dec/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.88 \text{ mho/m}$; $\epsilon_r = 37.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(4.58, 4.58, 4.58); Calibrated: 2004-11-22
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn479; Calibrated: 2004-07-14
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Cheek/Touch, Ch.11, Ant.In, Bat.Extended/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$
 $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.121 mW/g

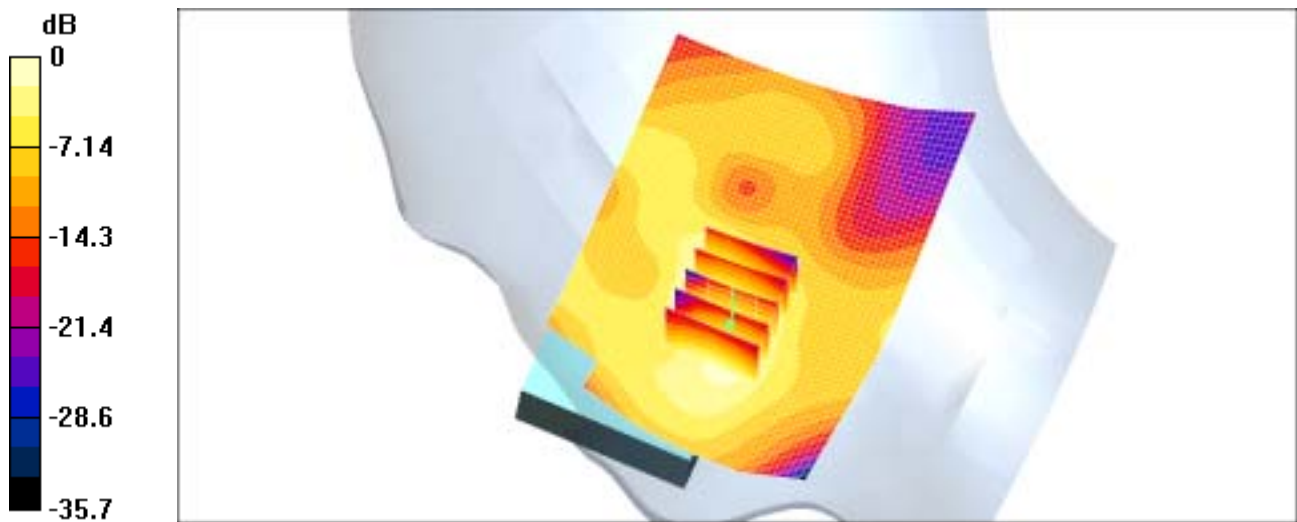
Cheek/Touch, Ch.11, Ant.In, Bat.Extended/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
 $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.38 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 0.209 W/kg

SAR(1 g) = 0.115 mW/g

Maximum value of SAR (measured) = 0.126 mW/g



0 dB = 0.126mW/g

SAMSUNG FCC ID : A3LSCHI730 2450MHz -- WLAN & Bluetooth Head SAR

DUT: SCH-i730(DOWN); Serial: FB-068-A

Program Name: SCH-i730 WLAN with BT Right (Slide Down, Job No.: FB-068)

Procedure Name: Ear/Tilt, Ch.11, Ant In, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-22.5;Test Date-04/Dec/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.88 \text{ mho/m}$; $\epsilon_r = 37.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(4.58, 4.58, 4.58); Calibrated: 2004-11-22
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn479; Calibrated: 2004-07-14
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Ear/Tilt, Ch.11, Ant In, Bat.Extended/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.087 mW/g

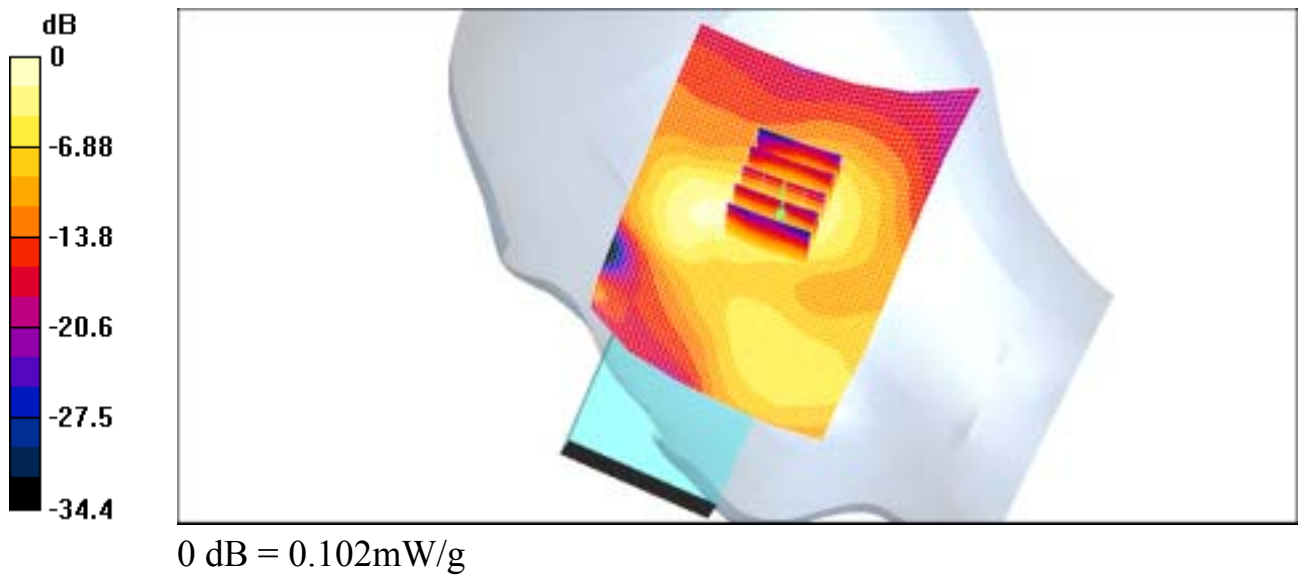
Ear/Tilt, Ch.11, Ant In, Bat.Extended/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.59 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.095 mW/g

Maximum value of SAR (measured) = 0.102 mW/g



SAMSUNG FCC ID : A3LSCHI730 -- 2450MHz WLAN & Bluetooth Head SAR

DUT: SCH-i730(DOWN); Serial: FB-068-A

Program Name: SCH-i730 WLAN Left (Slide Down, Job No.: FB-068)

Procedure Name: Cheek/Touch, Ch.11, Ant.In, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-22.5;Test Date-04/Dec/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.88 \text{ mho/m}$; $\epsilon_r = 37.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(4.58, 4.58, 4.58); Calibrated: 2004-11-22
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn479; Calibrated: 2004-07-14
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Cheek/Touch, Ch.11, Ant.In, Bat.Extended/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$
 $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.104 mW/g

Cheek/Touch, Ch.11, 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 = 5 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 0.186 W/kg

SAR(1 g) = 0.101 mW/g

Maximum value of SAR (measured) = 0.106 mW/g

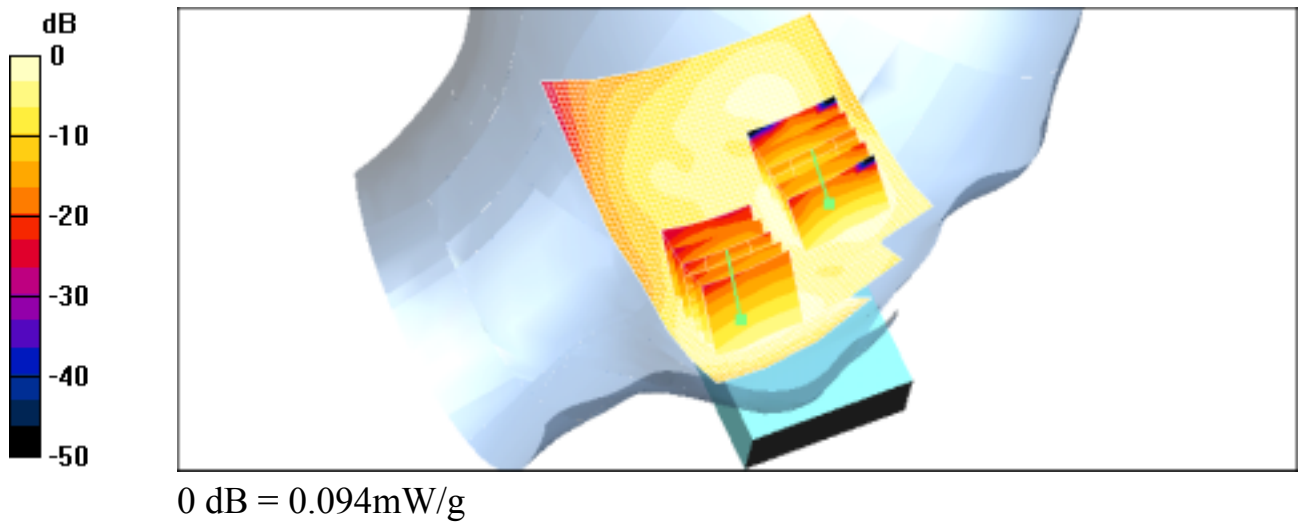
Cheek/Touch, Ch.11, Ant.In, Bat.Extended/Zoom Scan (5x5x7)/Cube 1: Measurement grid:
 $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 0.148 W/kg

SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.094 mW/g



SAMSUNG FCC ID : A3LSCHI730 -- 2450MHz WLAN & Bluetooth Head SAR

DUT: SCH-i730(DOWN); Serial: FB-068-A

Program Name: SCH-i730 WLAN Left (Slide Down, Job No.: FB-068)

Procedure Name: Ear/Tilt, Ch.01, Ant.In, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-22.5;Test Date-05/Dec/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: WLAN; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2412 MHz; σ = 1.88 mho/m; ϵ_r = 37.3; ρ = 1000 kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(4.58, 4.58, 4.58); Calibrated: 2004-11-22
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn479; Calibrated: 2004-07-14
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Ear/Tilt, Ch.01, Ant.In, Bat.Extended/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.084 mW/g

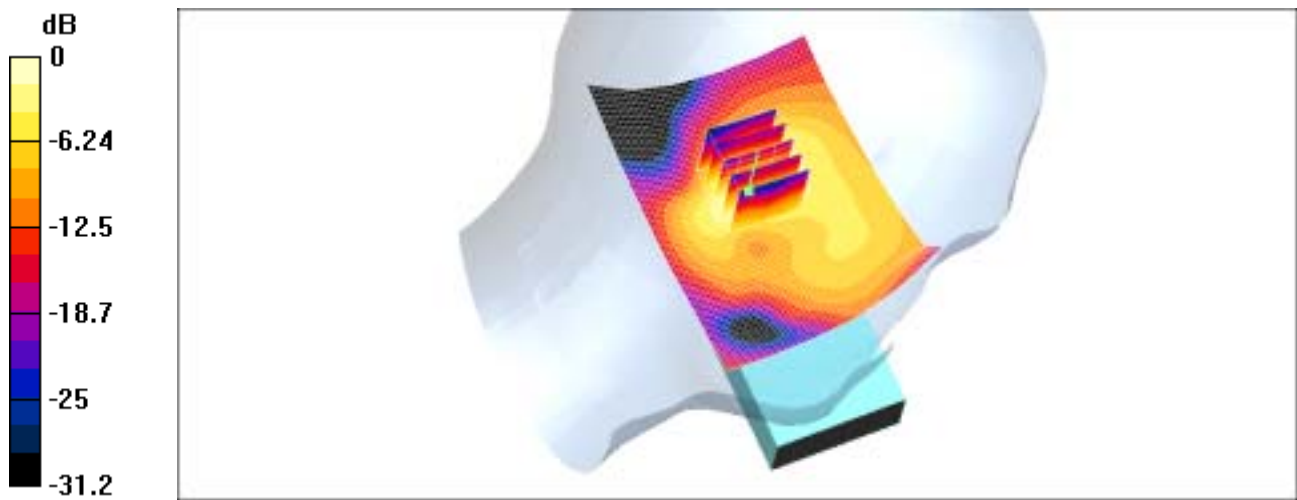
Ear/Tilt, Ch.01, Ant.In, Bat.Extended/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.29 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 0.152 W/kg

SAR(1 g) = 0.077 mW/g

Maximum value of SAR (measured) = 0.085 mW/g



0 dB = 0.085mW/g

SAMSUNG FCCID : A3LSCHI730 -- 835MHz CDMA Body SAR

DUT: SCH-i730(Body); Serial: FB-068-A

Program Name: SCH-i730 CDMA Body (Job No.: FB-068)

Procedure Name: Cheek/Touch, Ch.0777, Ant.In, Bat.Extended(H)

Procedure Notes: Meas.Tissue Temp(celsius)-21.4;Test Date-03/Dec/[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.96 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$

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 Sn486; Calibrated: 2004-08-23
- 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.0777, Ant.In, Bat.Extended(H)/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.827 mW/g

Cheek/Touch, Ch.0777, Ant.In, Bat.Extended(H)/Zoom Scan (6x6x7)/Cube 0:

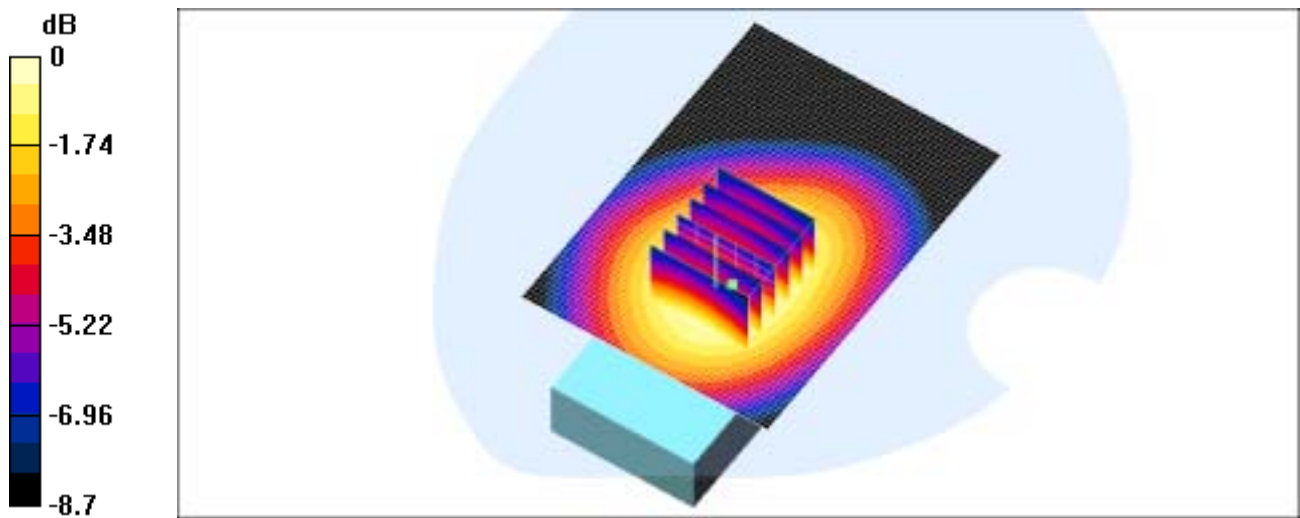
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 20.2 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.901 W/kg

SAR(1 g) = 0.766 mW/g

Maximum value of SAR (measured) = 0.803 mW/g



0 dB = 0.803mW/g

SAMSUNG FCCID : A3LSCHI730 -- 1900MHz PCS Body SAR

DUT: SCH-i730(Body); Serial: FB-068-A

Program Name: SCH-i730 PCS Body (Job No.: FB-068)

Procedure Name: Body, Ch.1175, Ant.In, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-20.6;Test Date-01/Dec/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $\sigma = 1.52$; mho/m, $\epsilon_r = 52.3$; $\rho = 1000$ 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 Sn486; Calibrated: 2004-08-23
- 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.1175, Ant.In, Bat.Extended/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.414 mW/g

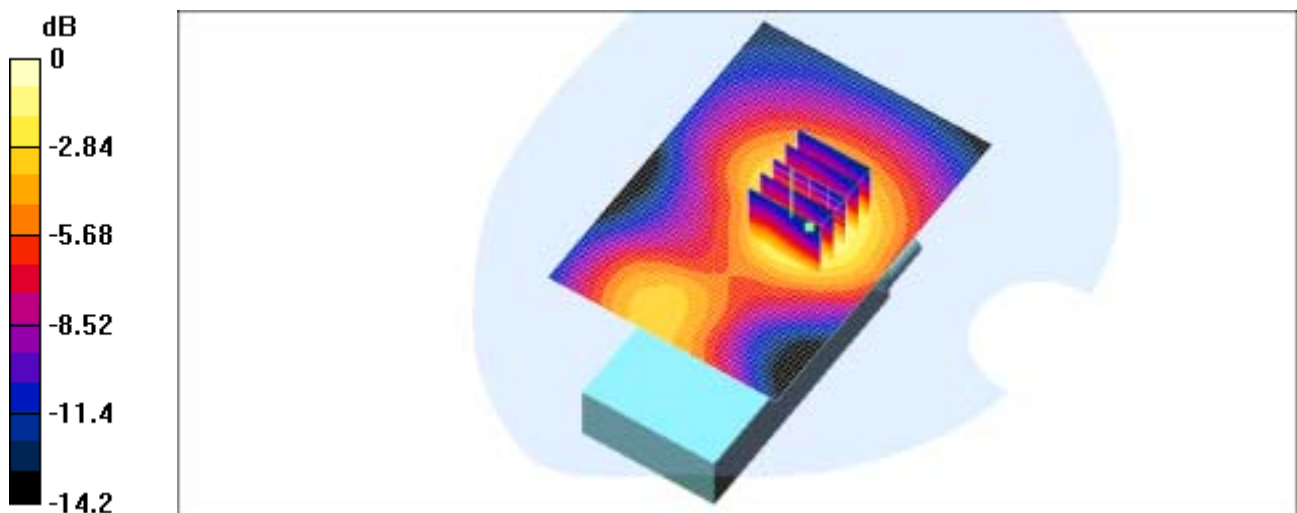
Body, Ch.1175, Ant.In, Bat.Extended/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.3 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 0.509 W/kg

SAR(1 g) = 0.373 mW/g

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



0 dB = 0.421mW/g

SAMSUNG FCCID : A3LSCHI730 -- 2450MHz WLAN & Bluetooth Body SAR

DUT: SCH-i730(BODY); Serial: FB-068-A

Program Name: SCH-i730 PCS Body (Job No.: FB-068)

Procedure Name: Body, Ch.11, Ant.In, Bat.Extended, Data rate.11Mbps

Procedure Notes: Meas.Tissue Temp(celsius)-22.5;Test Date-05/Dec/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.98 \text{ mho/m}$; $\epsilon_r = 54.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(4.27, 4.27, 4.27); Calibrated: 2004-11-22
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn479; Calibrated: 2004-07-14
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Body, Ch.11, Ant.In, Bat.Extended, Data rate.11Mbps/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 0.055 mW/g

Body, Ch.11, Ant.In, Bat.Extended, Data rate.11Mbps/Zoom Scan (5x5x7)/Cube 0:

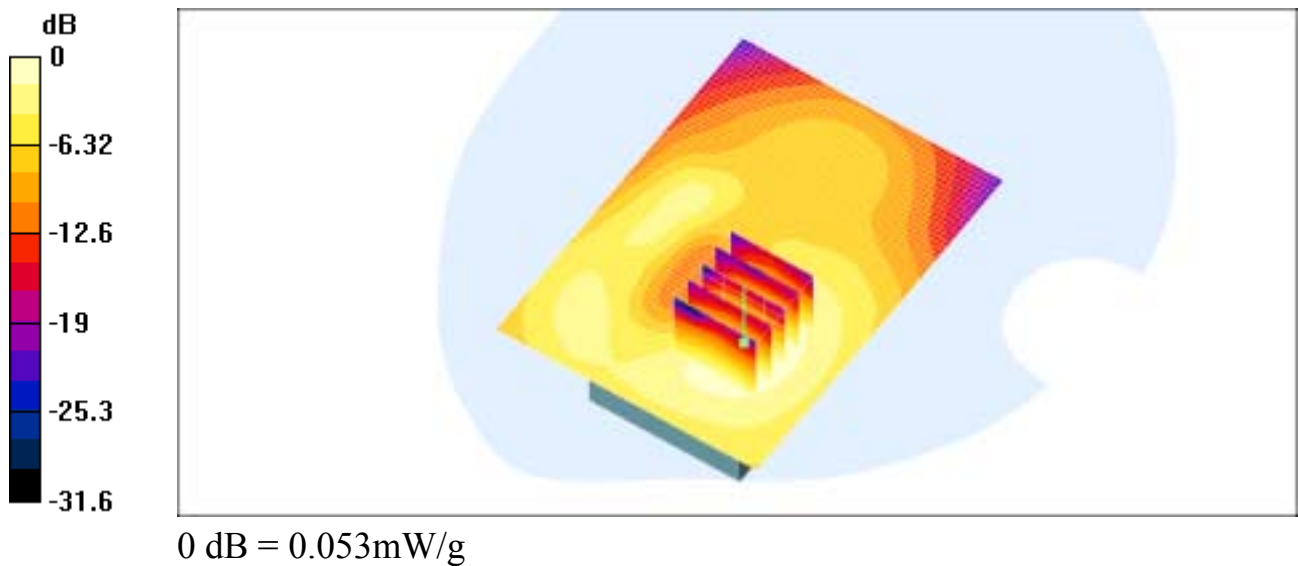
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.56 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.096 W/kg

SAR(1 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.053 mW/g



SAMSUNG FCC ID : A3LSCHI730 -- 835MHz CDMA Head SAR

DUT: SCH-i730(Up); Serial: FB-068-A
Program Name: SCH-i730 CDMA Left (Slide Up, Job No.: FB-068)
Procedure Name: Cheek/Touch, Ch.1013, Ant.Out, Bat.Extended
Procedure Notes: Meas.Tissue Temp(celsius)-21.4;Test Date-02/Dec/[OET Bulletin 65-Supplement C, July 2001]

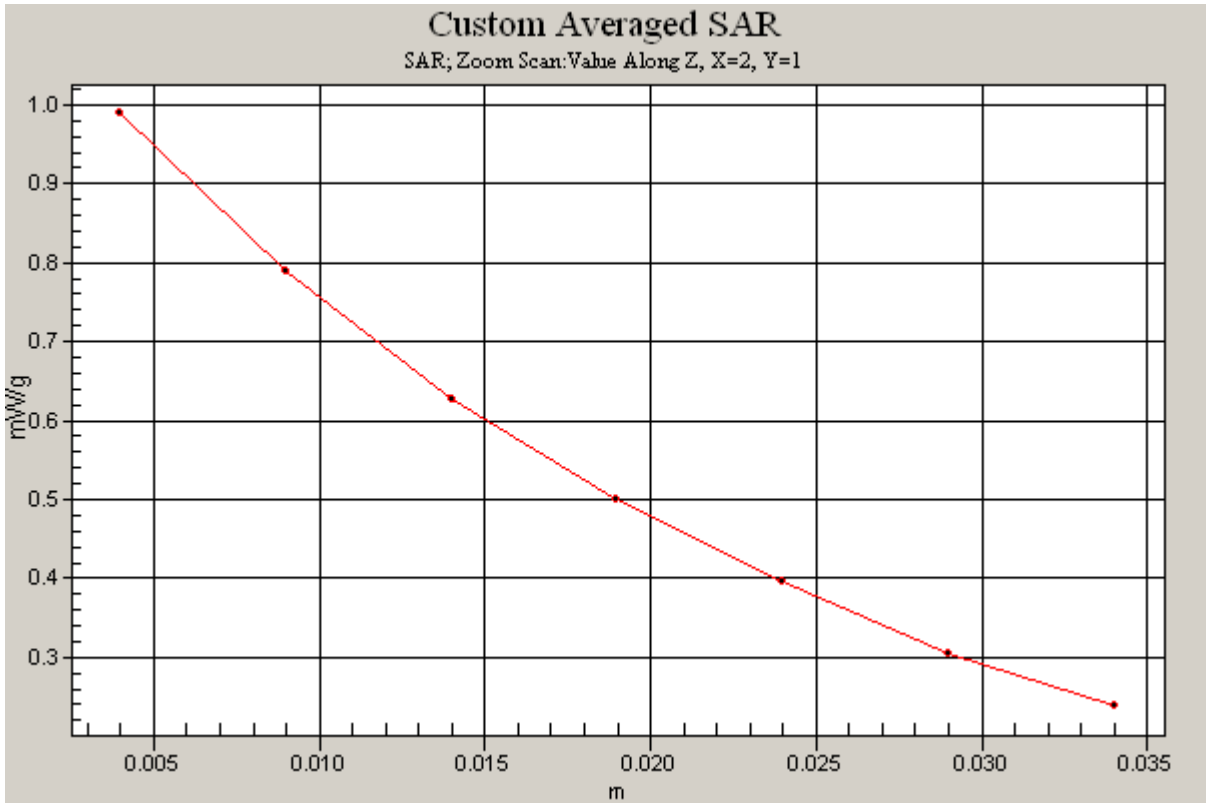
Communication System: CDMA; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.87 \text{ mho/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

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 Sn486; Calibrated: 2004-08-23
- 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.1013, Ant.Out, Bat.Extended/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.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 = 29.3 V/m; Power Drift = -0.2 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.948 mW/g
Maximum value of SAR (measured) = 0.989 mW/g



SAMSUNG FCC ID : A3LSCHI730 -- 1900MHz CDMA Body SARR

DUT: SCH-i730(DOWN); Serial: FB-068-A

Program Name: SCH-i730 PCS Left (Slide Down, Job No.: FB-068)

Procedure Name: Ear/Tilt, Ch.1175, Ant.In, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.6;Test Date-01/Dec/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1908.75 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 38.5$; $\rho = 1000 \text{ kg/m}^3$

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 Sn486; Calibrated: 2004-08-23
- 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.1175, Ant.In, Bat.Extended/Area Scan (51x71x1): Measurement grid:

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

Maximum value of SAR (interpolated) = 1.25 mW/g

Ear/Tilt, Ch.1175, Ant.In, Bat.Extended/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

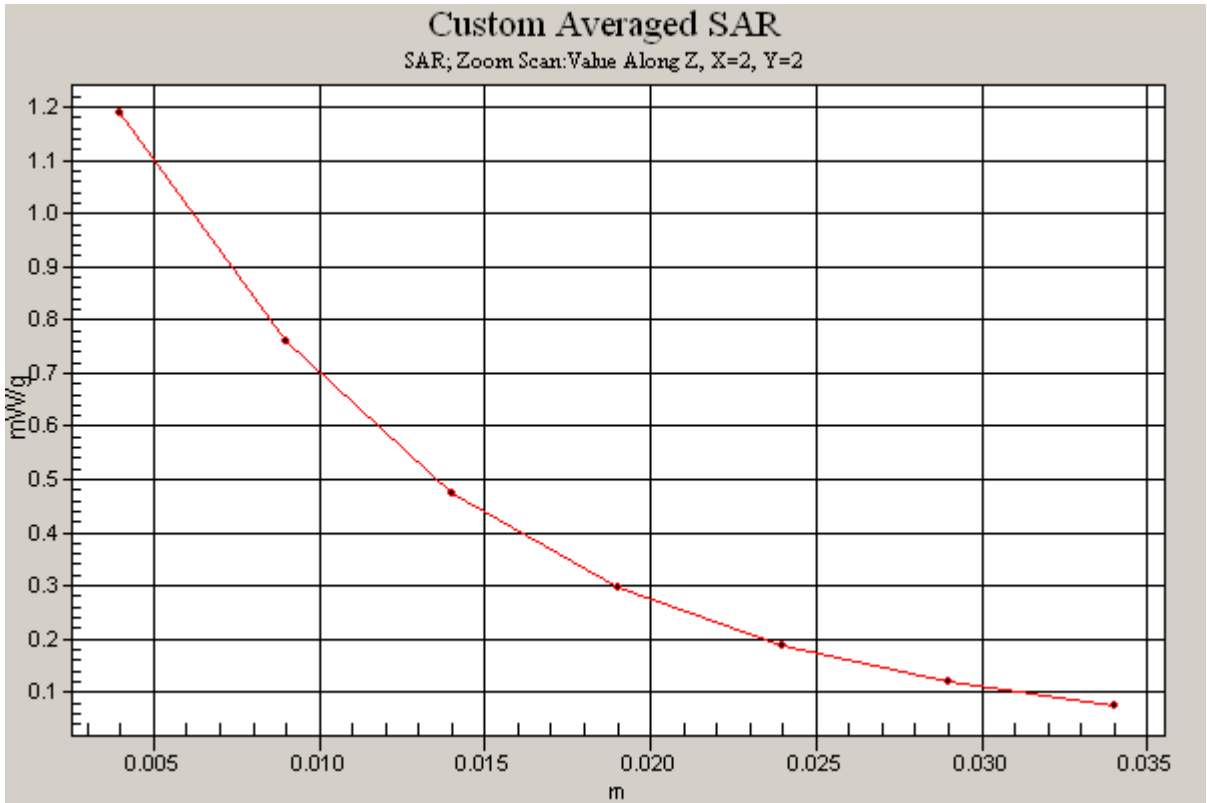
$dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 27.1 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 1.08 mW/g

Maximum value of SAR (measured) = 1.19 mW/g



SAMSUNG FCC ID : A3LSCHI730 -- 2450MHz WLAN & Bluetooth Head SAR

DUT: SCH-i730(DOWN); Serial: FB-068-A
Program Name: SCH-i730 WLAN with BT Right (Slide Down, Job No.: FB-068)
Procedure Name: Cheek, Ch 11, Ant In, Bat.Extended
Procedure Notes: Meas.Tissue Temp(celsius)-22.5;Test Date-04/Dec/2004[OET Bulletin 65-Supplement C, July 2001]

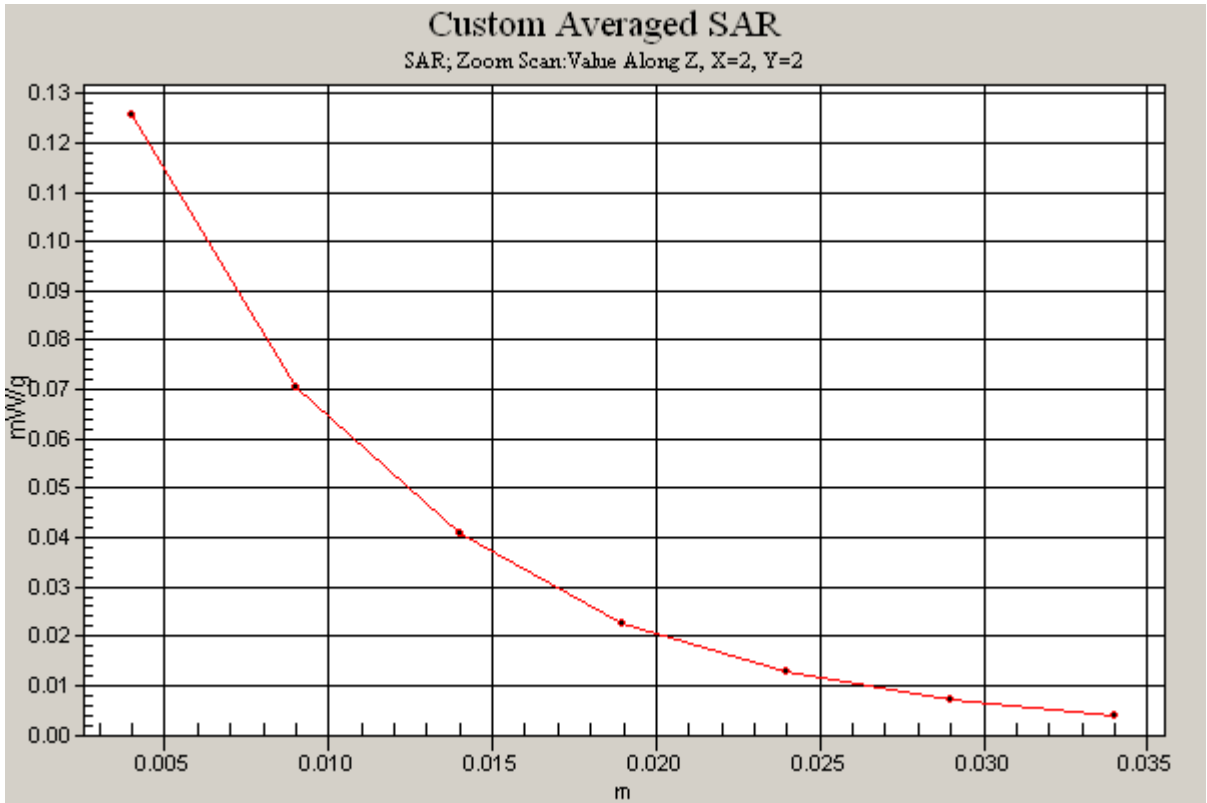
Communication System: WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.88 \text{ mho/m}$; $\epsilon_r = 37.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(4.58, 4.58, 4.58); Calibrated: 2004-11-22
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn479; Calibrated: 2004-07-14
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Cheek, Ch 11, Ant In, Bat.Extended/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.121 mW/g

Cheek, Ch 11, Ant In, Bat.Extended/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.38 V/m; Power Drift = -0.0 dB
Peak SAR (extrapolated) = 0.209 W/kg
SAR(1 g) = 0.115 mW/g
Maximum value of SAR (measured) = 0.126 mW/g



SAMSUNG FCC ID : A3LSCHI730 -- 835MHz CDMA Body SAR

DUT: SCH-i730(Body); **Serial:** FB-068-A
Program Name: SCH-i730 CDMA Body (Job No.: FB-068)
Procedure Name: Cheek/Touch, Ch.0777, Ant.In, Bat.Extended(H)
Procedure Notes: Meas.Tissue Temp(celsius)-21.4;Test Date-03/Dec/[OET Bulletin 65-Supplement C, July 2001]

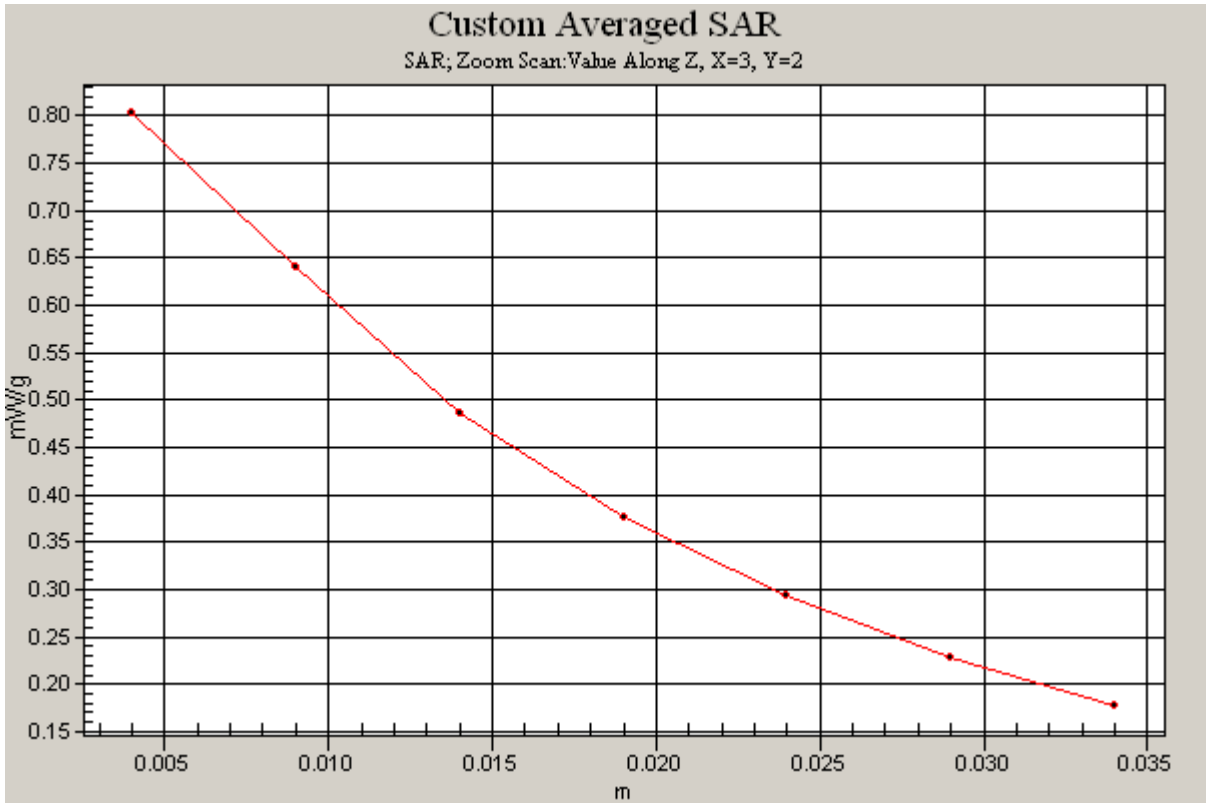
Communication System: CDMA; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.96 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

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 Sn486; Calibrated: 2004-08-23
- 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.0777, Ant.In, Bat.Extended(H)/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.827 mW/g

Cheek/Touch, Ch.0777, Ant.In, Bat.Extended(H)/Zoom Scan (6x6x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.2 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.901 W/kg
SAR(1 g) = 0.766 mW/g
Maximum value of SAR (measured) = 0.803 mW/g



SAMSUNG FCC ID : A3LSCHI730 -- 1900MHz PCS Body SAR

DUT: SCH-i730(Body); Serial: FB-068-A

Program Name: SCH-i730 PCS Body (Job No.: FB-068)

Procedure Name: Body, Ch.1175, Ant.IN, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.3;Test Date-01/Dec/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $\sigma = 1.52$; mho/m, $\epsilon_r = 52.2848$; $\rho = 1000$ 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 Sn486; Calibrated: 2004-08-23
- 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.1175, Ant.IN, Bat.Extended/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.414 mW/g

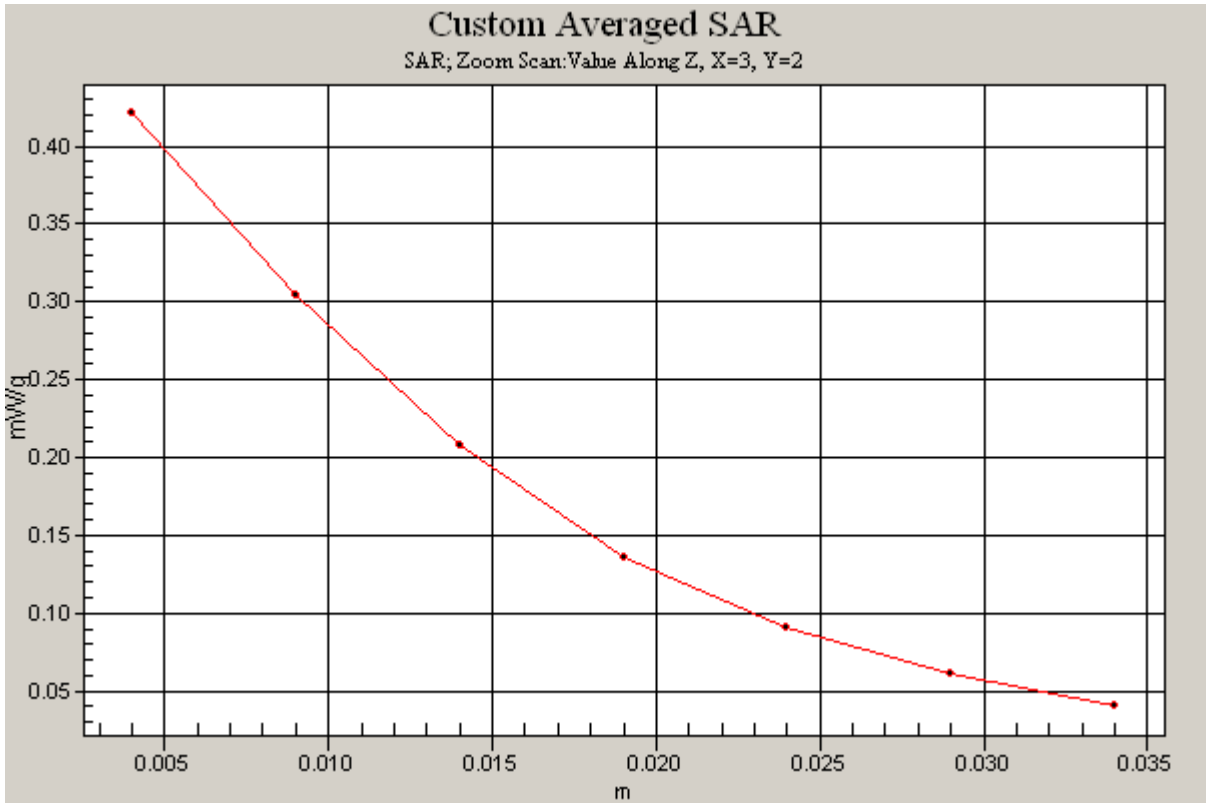
Body, Ch.1175, Ant.IN, Bat.Extended/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.3 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 0.509 W/kg

SAR(1 g) = 0.373 mW/g

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



SAMSUNG FCC ID : A3LSCHI730 -- 2450MHz WLAN & Bluetooth Body SAR

DUT: SCH-i730(BODY); Serial: FB-068-A

Program Name: SCH-i730 PCS Body (Job No.: FB-068)

Procedure Name: Body, Ch.11, Ant.In, Bat.Extended, Data rate.11Mbps

Procedure Notes: Meas.Tissue Temp(celsius)-22.5;Test Date-05/Dec/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.98 \text{ mho/m}$; $\epsilon_r = 54.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(4.27, 4.27, 4.27); Calibrated: 2004-11-22
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn479; Calibrated: 2004-07-14
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Body, Ch.11, Ant.In, Bat.Extended, Data rate.11Mbps/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 0.055 mW/g

Body, Ch.11, Ant.In, Bat.Extended, Data rate.11Mbps/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 2.56 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.096 W/kg

SAR(1 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.053 mW/g

