

SAMSUNG FCC ID : A3LSCHR210 -- 835MHz AMPS Head SAR

DUT: SCH-R210; Serial: FD-172-A

Program Name: SCH-R210 AMPS Right (Job No. : FD-172)

Procedure Name: Cheek/Touch, Ch.0799, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-21.9; Tissue Temp(celsius)-21.7;Test Date-12/Sep/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: AMPS; Frequency: 848.97 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 848.97$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.69, 5.69, 5.69); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.0799, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:
dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.04 mW/g

Cheek/Touch, Ch.0799, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

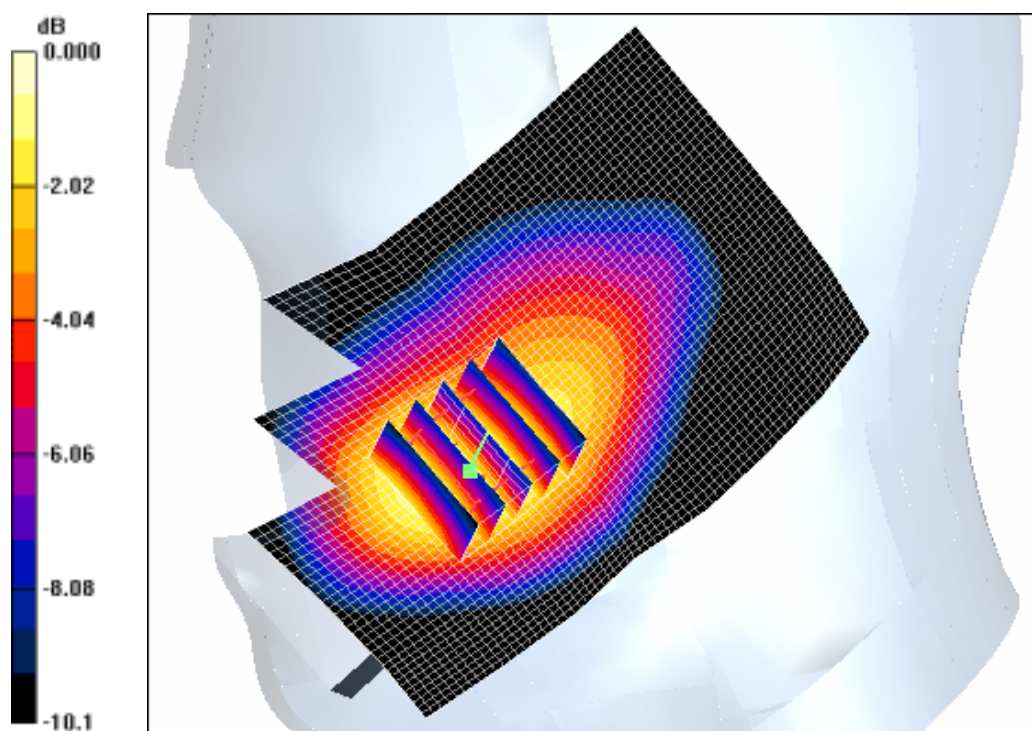
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.48 V/m; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.976 mW/g

Maximum value of SAR (measured) = 1.05 mW/g



0 dB = 1.05mW/g

SAMSUNG FCC ID : A3LSCHR210 -- 835MHz AMPS Head SAR

DUT: SCH-R210; Serial: FD-172-A

Program Name: SCH-R210 AMPS Right (Job No. : FD-172)

Procedure Name: Ear/Tilt, Ch.0383, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-21.9; Tissue Temp(celsius)-21.7; Test Date-12/Sep/2006[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 836.49$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.69, 5.69, 5.69); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ear/Tilt, Ch.0383, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.40 V/m; Power Drift = 0.074 dB

Peak SAR (extrapolated) = 0.251 W/kg

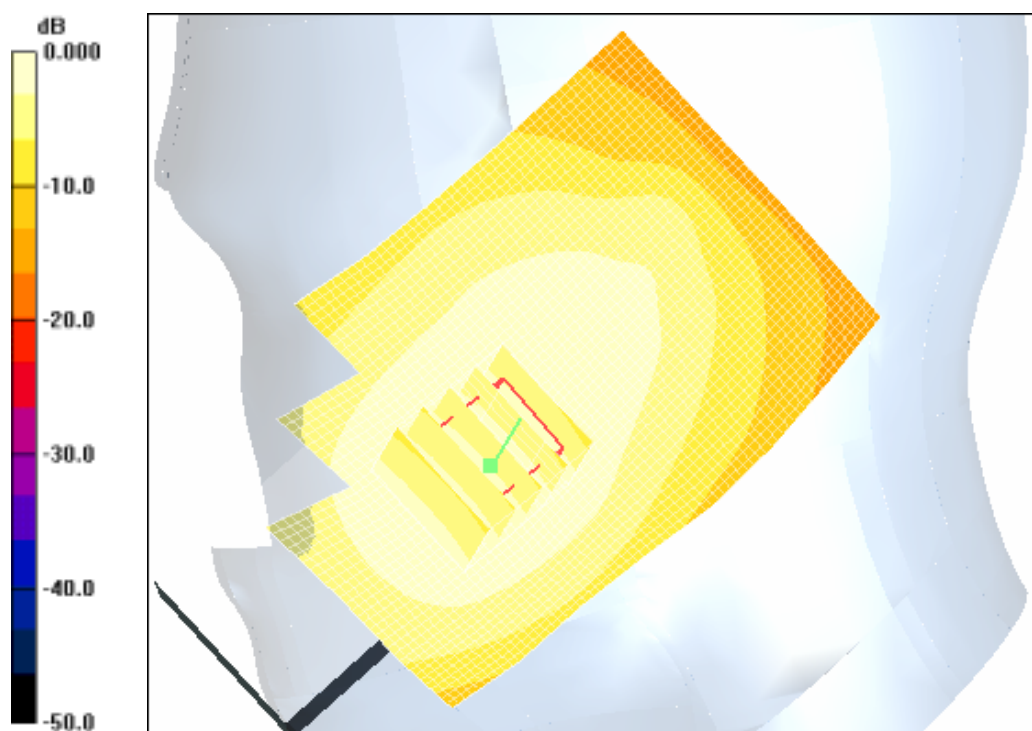
SAR(1 g) = 0.201 mW/g

Maximum value of SAR (measured) = 0.211 mW/g

Ear/Tilt, Ch.0383, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.213 mW/g



0 dB = 0.213mW/g

SAMSUNG FCC ID : A3LSCHR210 -- 835MHz AMPS Head SAR

DUT: SCH-R210; Serial: FD-172-A

Program Name: SCH-R210 AMPS Left (Job No. : FD-172)

Procedure Name: Cheek/Touch, Ch.0799, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-21.9; Tissue Temp(celsius)-21.7;Test Date-12/Sep/2006[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 836.49$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.69, 5.69, 5.69); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.0799, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 24.0 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 1.39 W/kg

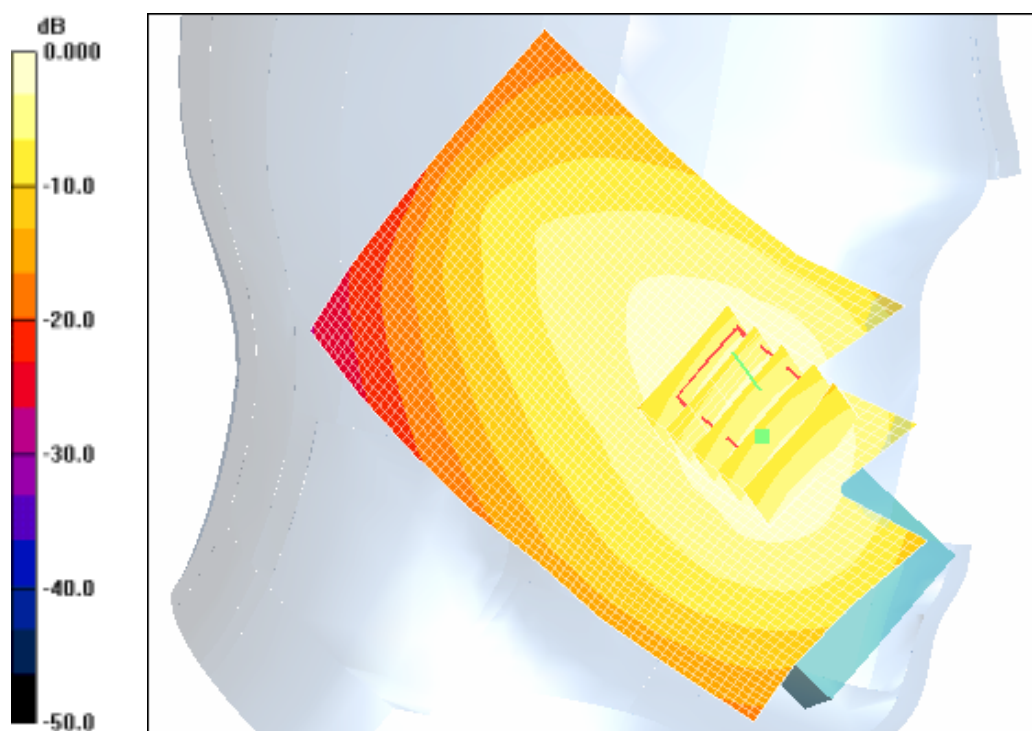
SAR(1 g) = 0.981 mW/g

Maximum value of SAR (measured) = 1.02 mW/g

Cheek/Touch, Ch.0799, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.00 mW/g



0 dB = 1.00mW/g

SAMSUNG FCC ID : A3LSCHR210 -- 835MHz AMPS Head SAR

DUT: SCH-R210; Serial: FD-172-A

Program Name: SCH-R210 AMPS Left (Job No. : FD-172)

Procedure Name: Ear/Tilt, Ch.0383, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-21.9; Tissue Temp(celsius)-21.7; Test Date-12/Sep/2006[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 836.49$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.69, 5.69, 5.69); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ear/Tilt, Ch.0383, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.224 mW/g

Ear/Tilt, Ch.0383, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement

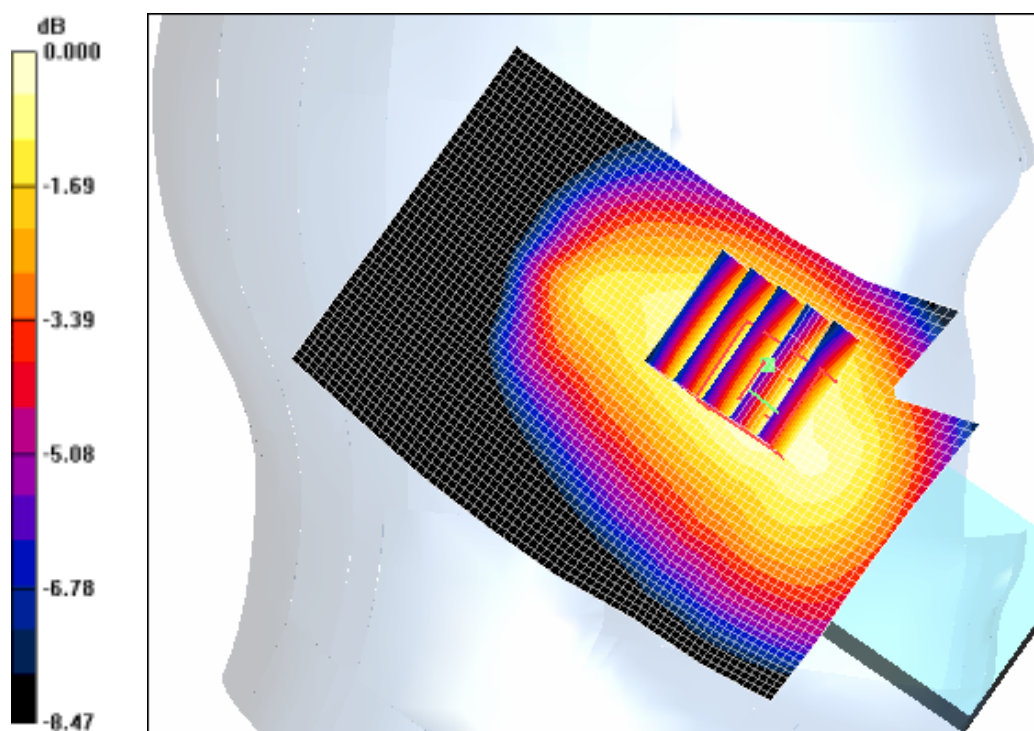
grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.0 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 0.270 W/kg

SAR(1 g) = 0.211 mW/g

Maximum value of SAR (measured) = 0.221 mW/g



0 dB = 0.221mW/g

SAMSUNG FCC ID : A3LSCHR210 -- 835MHz AMPS Head SAR

DUT: SCH-R210; Serial: FD-172-A

Program Name: SCH-R210 AMPS Left (Job No. : FD-172)

Procedure Name: Cheek/Touch, Ch.0799, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-21.9; Tissue Temp(celsius)-21.7; Test Date-12/Sep/2006[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 836.49$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.69, 5.69, 5.69); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.0799, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 24.0 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.981 mW/g

Maximum value of SAR (measured) = 1.02 mW/g

Cheek/Touch, Ch.0799, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.00 mW/g



SAMSUNG FCC ID : A3LSCHR210 -- 835MHz AMPS Body SAR

DUT: SCH-R210(Body); Serial: FD-172-A

Program Name: SCH-R210 AMPS Body (Job No. : FD-172)

Procedure Name: Body, Ch. 0799, Ant. Intenna, Bat. Standard

Procedure Notes: Meas.Ambient temp(celsius)-21.9;Tissue Temp(celsius)-21.7;Test Date-12/Sep/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: AMPS; Frequency: 848.97 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 848.97$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.75, 5.75, 5.75); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch. 0799, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:
dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.63 mW/g

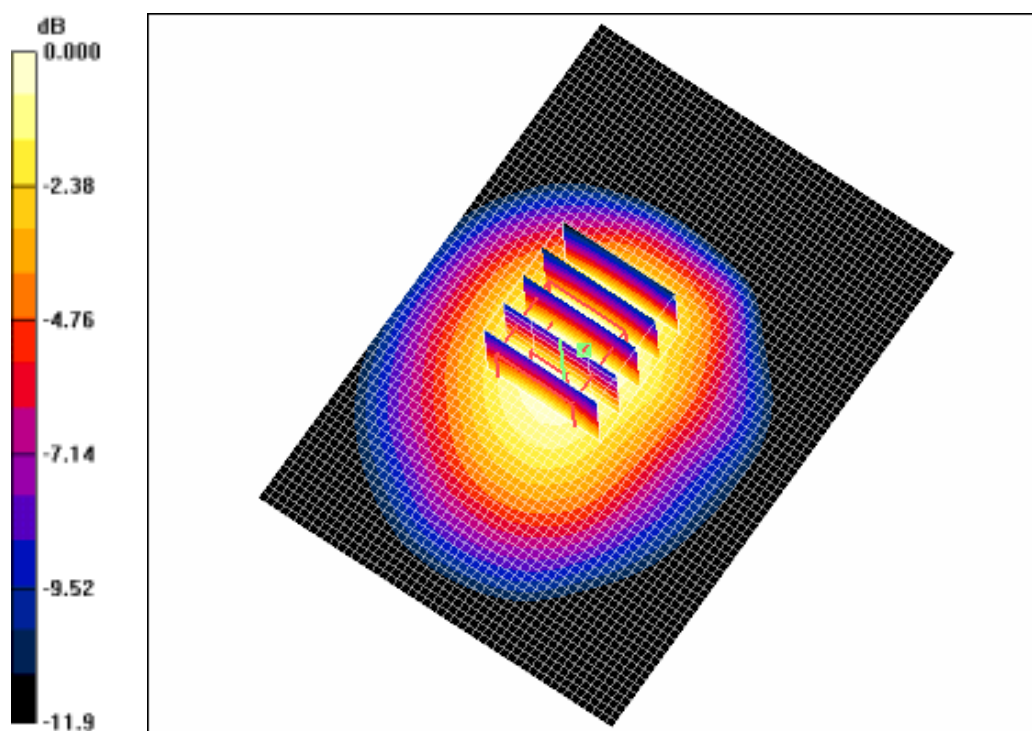
Body, Ch. 0799, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.7 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 1.36 mW/g

Maximum value of SAR (measured) = 1.44 mW/g



0 dB = 1.44mW/g

SAMSUNG FCC ID : A3LSCHR210 -- 835MHz AMPS Body SAR

DUT: SCH-R210(Body); Serial: FD-172-A

Program Name: SCH-R210 AMPS Body (Job No. : FD-172)

Procedure Name: Body, Ch. 0799, Ant. Intenna, Bat. Standard

Procedure Notes: Meas.Ambient temp(celsius)-21.9;Tissue Temp(celsius)-21.7;Test Date-12/Sep/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: AMPS; Frequency: 848.97 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 848.97 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.75, 5.75, 5.75); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch. 0799, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.63 mW/g

Body, Ch. 0799, 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 = 32.7 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 1.36 mW/g

Maximum value of SAR (measured) = 1.44 mW/g



SAMSUNG FCC ID : A3LSCHR210 -- 835MHz CDMA Head SAR

DUT: SCH-R210; Serial: FD-172-A

Program Name: SCH-R210 CDMA Right (Job No. : FD-172)

Procedure Name: Cheek/Touch, Ch.0384, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.8;Test Date-12/Sep/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 41.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.69, 5.69, 5.69); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.0384, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 29.9 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 1.63 W/kg

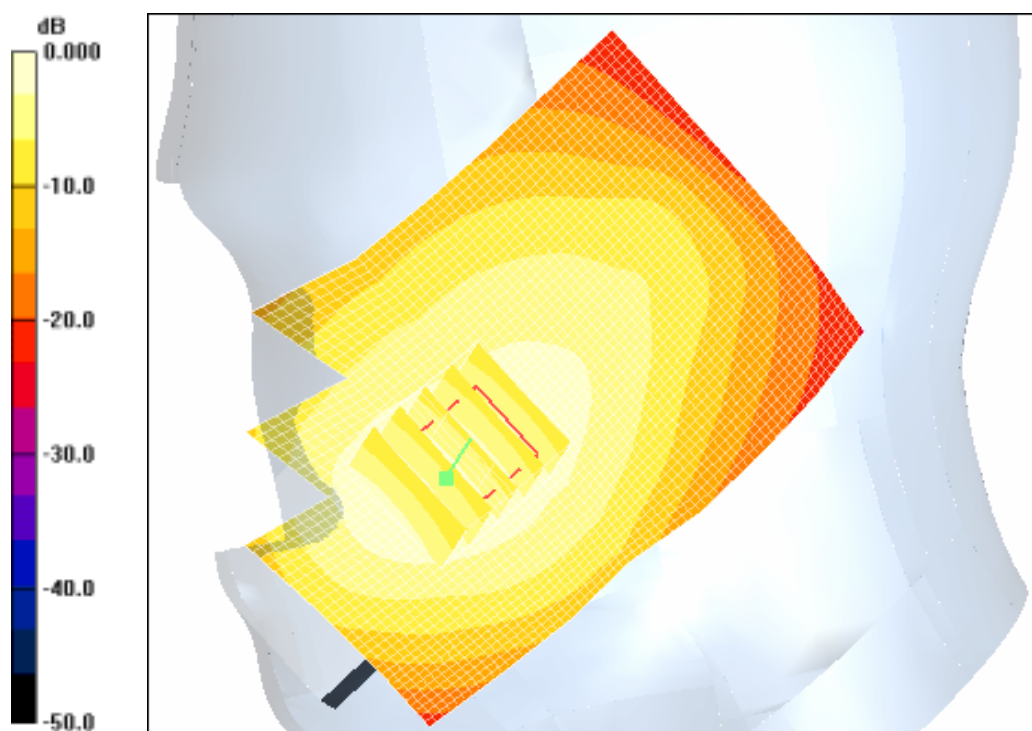
SAR(1 g) = 1.14 mW/g

Maximum value of SAR (measured) = 1.22 mW/g

Cheek/Touch, Ch.0384, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

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

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



0 dB = 1.21mW/g

SAMSUNG FCC ID : A3LSCHR210 -- 835MHz CDMA Head SAR

DUT: SCH-R210; Serial: FD-172-A

Program Name: SCH-R210 CDMA Right (Job No. : FD-172)

Procedure Name: Ear/Tilt, Ch.0384, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.8;Test Date-12/Sep/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 836.52$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.69, 5.69, 5.69); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.266 mW/g

Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement

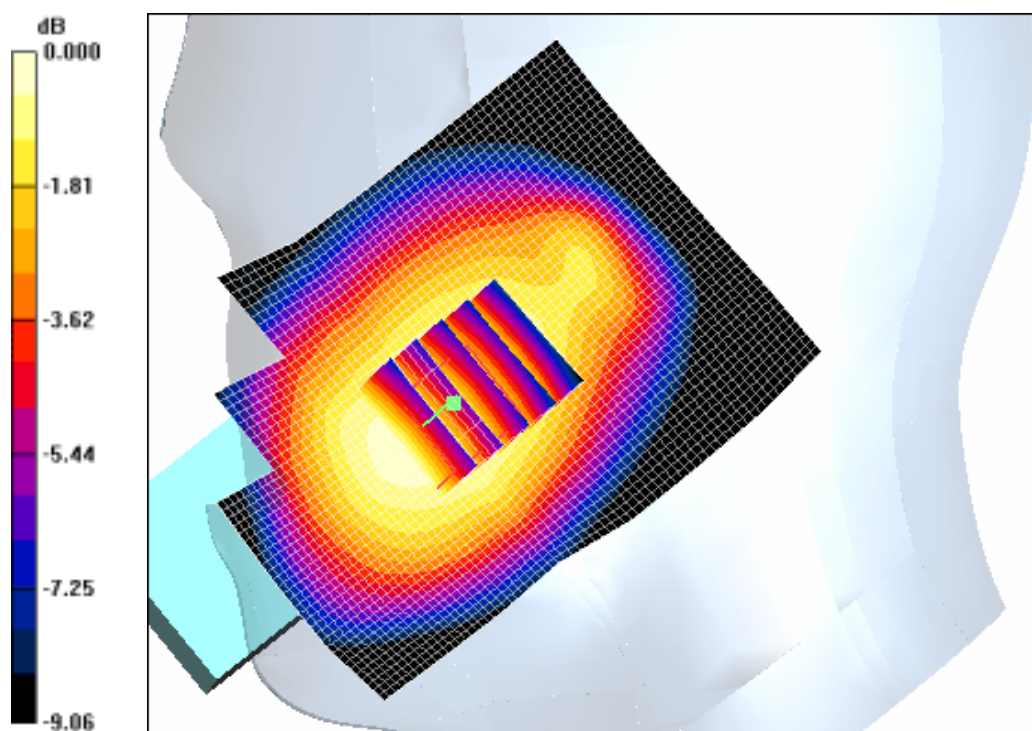
grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.48 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 0.327 W/kg

SAR(1 g) = 0.256 mW/g

Maximum value of SAR (measured) = 0.267 mW/g



0 dB = 0.267mW/g

SAMSUNG FCC ID : A3LSCHR210 -- 835MHz CDMA Head SAR

DUT: SCH-R210; Serial: FD-172-A

Program Name: SCH-R210 CDMA Left (Job No. : FD-172)

Procedure Name: Cheek/Touch, Ch.0384, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.8; Test Date-12/Sep/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.52$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.69, 5.69, 5.69); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.0384, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 24.2 V/m; Power Drift = -0.156 dB

Peak SAR (extrapolated) = 1.30 W/kg

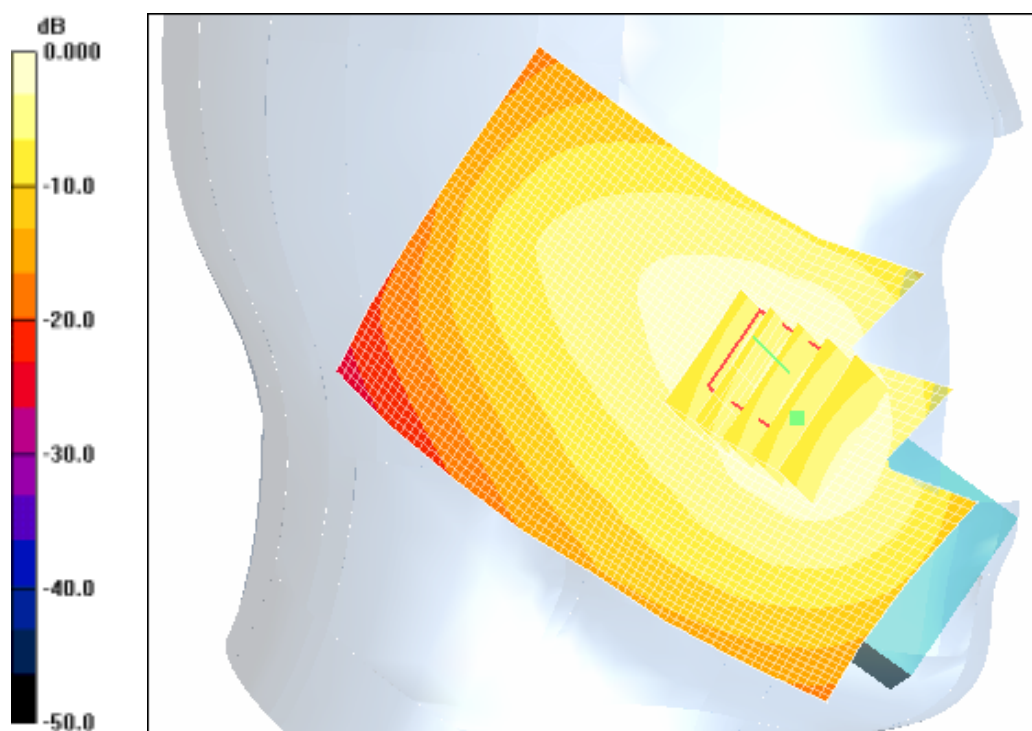
SAR(1 g) = 0.916 mW/g

Maximum value of SAR (measured) = 0.960 mW/g

Cheek/Touch, Ch.0384, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.916 mW/g



0 dB = 0.916mW/g

SAMSUNG FCC ID : A3LSCHR210 -- 835MHz CDMA Head SAR

DUT: SCH-R210; Serial: FD-172-A

Program Name: SCH-R210 CDMA Left (Job No. : FD-172)

Procedure Name: Ear/Tilt, Ch.0384, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.8;Test Date-12/Sep/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 41.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.69, 5.69, 5.69); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

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

Maximum value of SAR (interpolated) = 0.233 mW/g

Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement

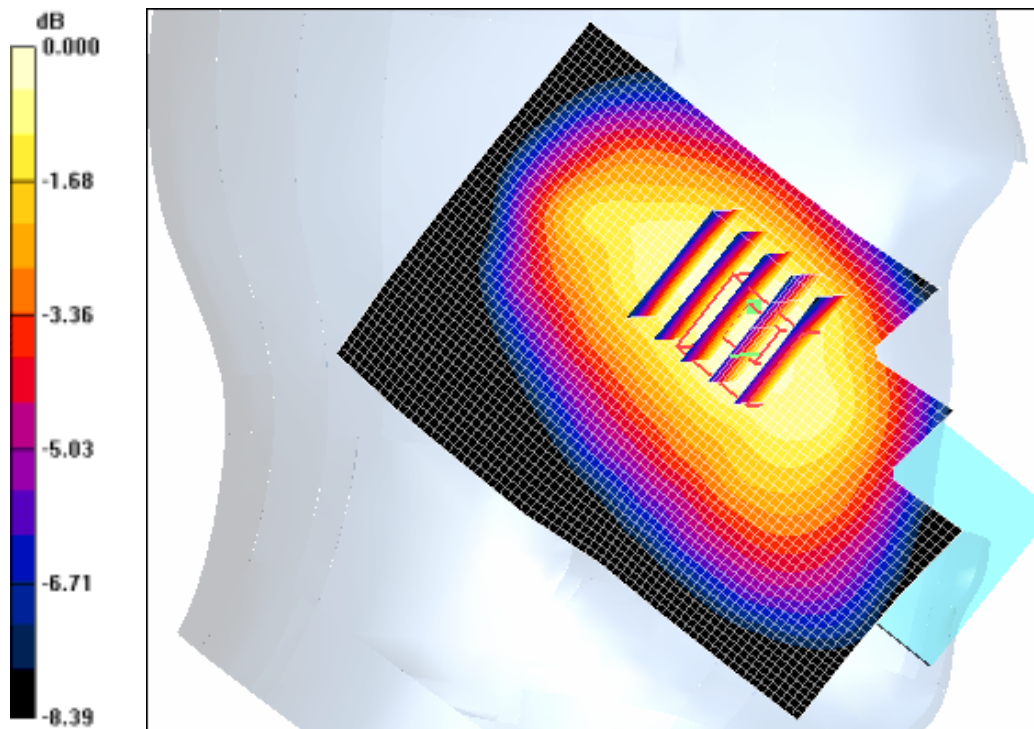
grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.2 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 0.283 W/kg

SAR(1 g) = 0.220 mW/g

Maximum value of SAR (measured) = 0.228 mW/g



0 dB = 0.228mW/g

SAMSUNG FCC ID : A3LSCHR210 -- 835MHz CDMA Head SAR

DUT: SCH-R210; Serial: FD-172-A

Program Name: SCH-R210 CDMA Right (Job No. : FD-172)

Procedure Name: Cheek/Touch, Ch.0384, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.8;Test Date-12/Sep/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 41.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.69, 5.69, 5.69); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.0384, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 29.9 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 1.63 W/kg

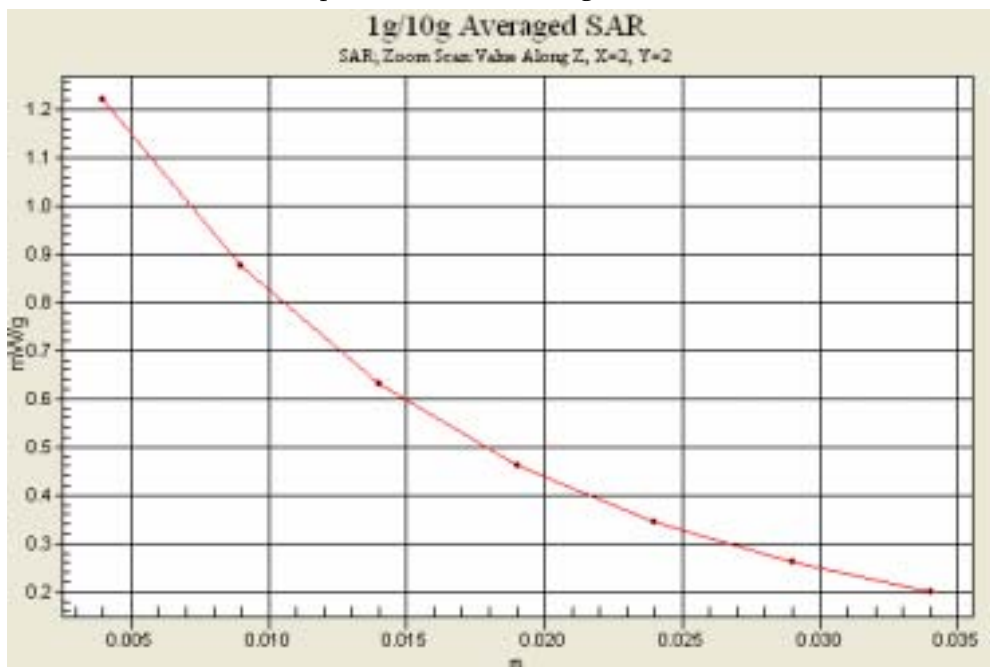
SAR(1 g) = 1.14 mW/g

Maximum value of SAR (measured) = 1.22 mW/g

Cheek/Touch, Ch.0384, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

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

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



SAMSUNG FCC ID : A3LSCHR210 -- 835MHz CDMA Body SAR

DUT: SCH-R210(Body); Serial: FD-172-A

Program Name: SCH-R210 CDMA Body (Job No. : FD-172)

Procedure Name: Body, Ch. 0777, Ant. Intenna, Bat. Standard

Procedure Notes: Meas.Ambient temp(celsius)-21.9;Tissue Temp(celsius)-21.6;Test Date-12/Sep/2006[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.75, 5.75, 5.75); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Reference Value = 32.5 V/m; Power Drift = 0.030 dB

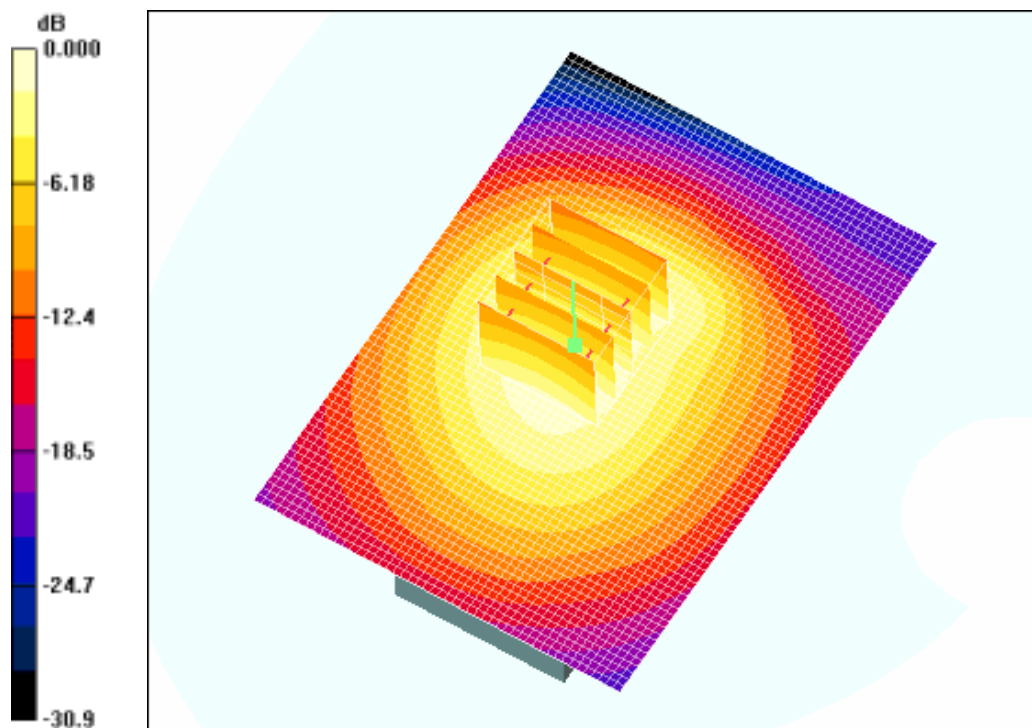
Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 1.25 mW/g

Maximum value of SAR (measured) = 1.32 mW/g

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

Maximum value of SAR (interpolated) = 1.45 mW/g



0 dB = 1.45mW/g

SAMSUNG FCC ID : A3LSCHR210 -- 835MHz CDMA Body SAR

DUT: SCH-R210(Body); Serial: FD-172-A

Program Name: SCH-R210 CDMA Body (Job No. : FD-172)

Procedure Name: Body, Ch. 0777, Ant. Intenna, Bat. Standard

Procedure Notes: Meas.Ambient temp(celsius)-21.9;Tissue Temp(celsius)-21.6;Test Date-12/Sep/2006[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.75, 5.75, 5.75); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Reference Value = 32.5 V/m; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 1.25 mW/g

Maximum value of SAR (measured) = 1.32 mW/g

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

Maximum value of SAR (interpolated) = 1.45 mW/g



SAMSUNG FCC ID : A3LSCHR210 -- 1900MHz PCS Head SAR

DUT: SCH-R210; Serial: FD-172-A

Program Name: SCH-R210 PCS Right (Job No. : FD-172)

Procedure Name: Cheek/Touch, Ch.1175, Intenna, Bat. Standard

Procedure Notes: Meas.Ambient temp(celsius)-22.0;Tissue Temp(celsius)-21.5;Test Date-13/Sep/2006[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; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5, 5, 5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.1175, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 10.0 V/m; Power Drift = 0.040 dB

Peak SAR (extrapolated) = 2.13 W/kg

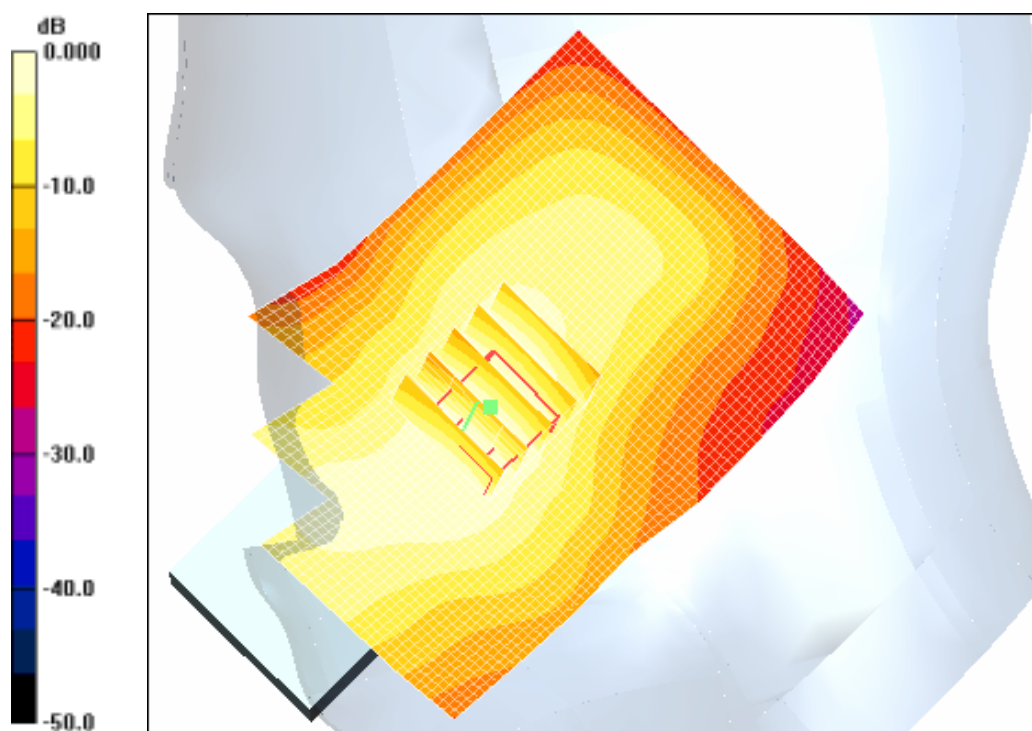
SAR(1 g) = 1.37 mW/g

Maximum value of SAR (measured) = 1.49 mW/g

Cheek/Touch, Ch.1175, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

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



0 dB = 1.34mW/g

SAMSUNG FCC ID : A3LSCHR210 -- 1900MHz PCS Head SAR

DUT: SCH-R210; Serial: FD-172-A

Program Name: SCH-R210 PCS Right (Job No. : FD-172)

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

Procedure Notes: Meas.Ambient temp(celsius)-22.0;Tissue Temp(celsius)-21.5;Test Date-13/Sep/2006[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; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5, 5, 5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = 0.113 dB

Peak SAR (extrapolated) = 0.359 W/kg

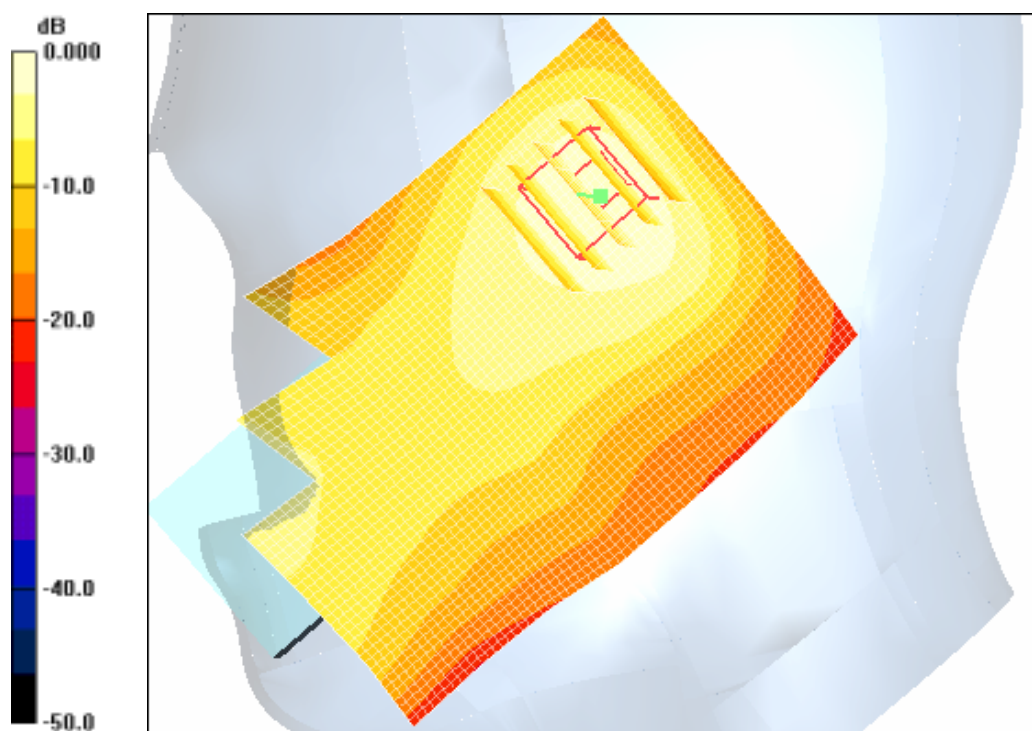
SAR(1 g) = 0.265 mW/g

Maximum value of SAR (measured) = 0.279 mW/g

Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.364 mW/g



0 dB = 0.364mW/g

SAMSUNG FCC ID : A3LSCHR210 -- 1900MHz PCS Head SAR

DUT: SCH-R210; Serial: FD-172-A

Program Name: SCH-R210 PCS Left (Job No. : FD-172)

Procedure Name: Cheek/Touch, Ch.1175 Intenna, Bat. Standard

Procedure Notes: Meas.Ambient temp(celsius)-22.0;Tissue Temp(celsius)-21.5;Test Date-13/Sep/2006[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; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5, 5, 5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Reference Value = 28.1 V/m; Power Drift = 0.164 dB

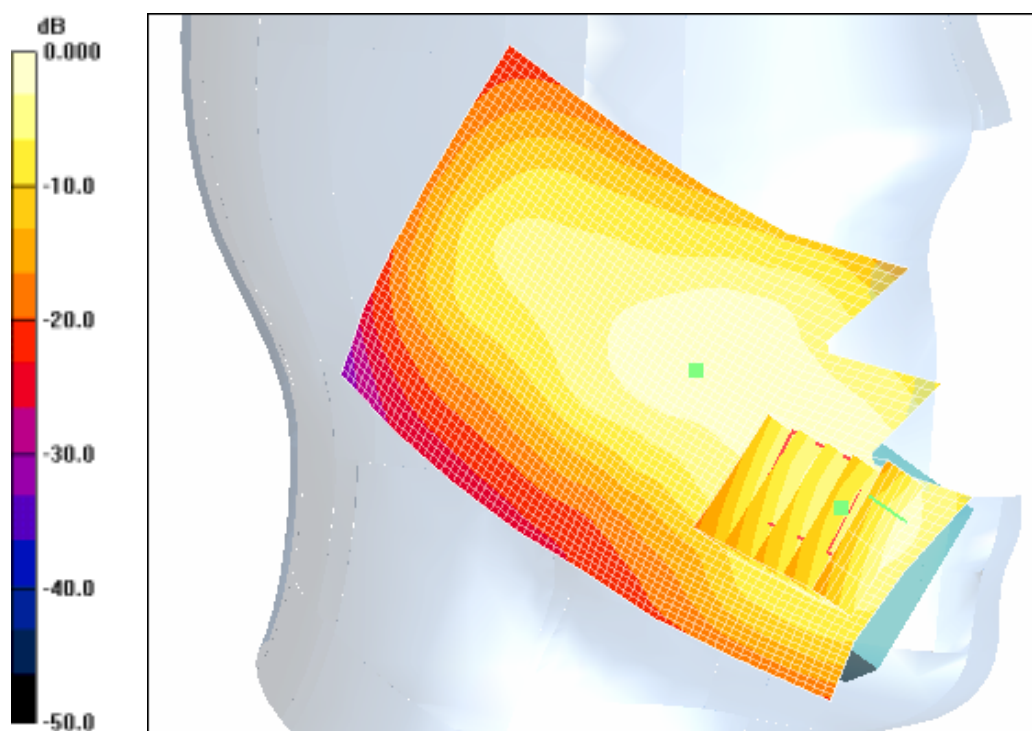
Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 1.09 mW/g

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

Cheek/Touch, Ch.1175 Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.22 mW/g



0 dB = 1.22mW/g

SAMSUNG FCC ID : A3LSCHR210 -- 1900MHz PCS Head SAR

DUT: SCH-R210; Serial: FD-172-A

Program Name: SCH-R210 PCS Left (Job No. : FD-172)

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

Procedure Notes: Meas.Ambient temp(celsius)-22.0;Tissue Temp(celsius)-21.5;Test Date-13/Sep/2006[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; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5, 5, 5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = 0.053 dB

Peak SAR (extrapolated) = 0.349 W/kg

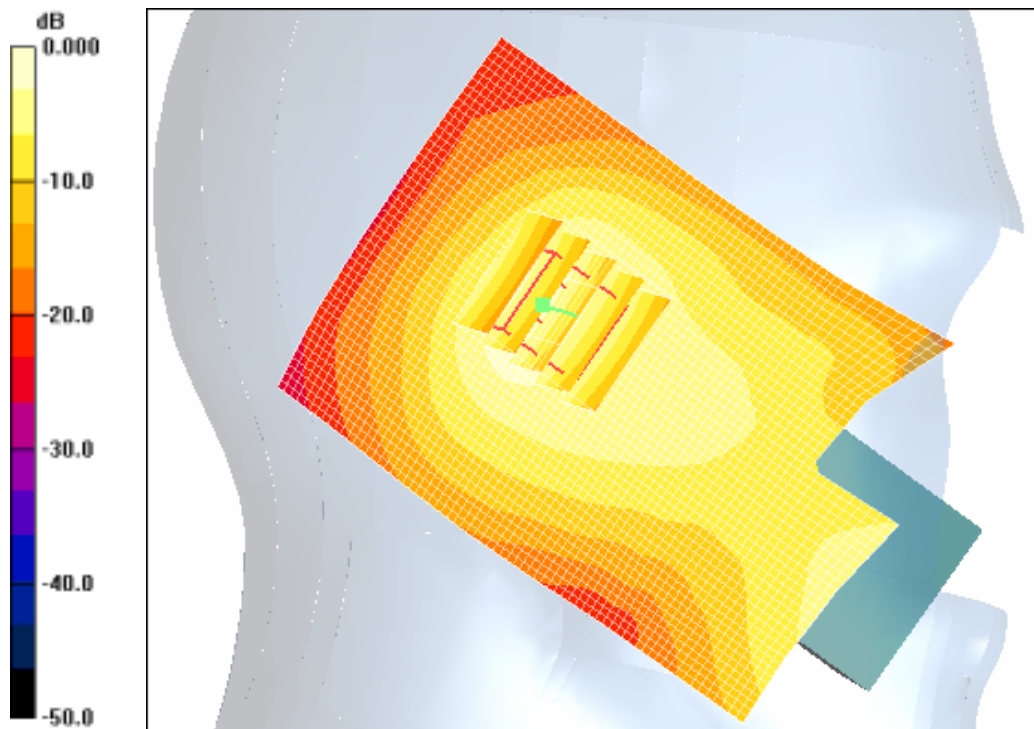
SAR(1 g) = 0.255 mW/g

Maximum value of SAR (measured) = 0.271 mW/g

Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.377 mW/g



0 dB = 0.377mW/g

SAMSUNG FCC ID : A3LSCHR210 -- 1900MHz PCS Head SAR

DUT: SCH-R210; Serial: FD-172-A

Program Name: SCH-R210 PCS Right (Job No. : FD-172)

Procedure Name: Cheek/Touch, Ch.1175, Intenna, Bat. Standard

Procedure Notes: Meas.Ambient temp(celsius)-22.0;Tissue Temp(celsius)-21.5;Test Date-13/Sep/2006[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; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5, 5, 5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.1175, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 10.0 V/m; Power Drift = 0.040 dB

Peak SAR (extrapolated) = 2.13 W/kg

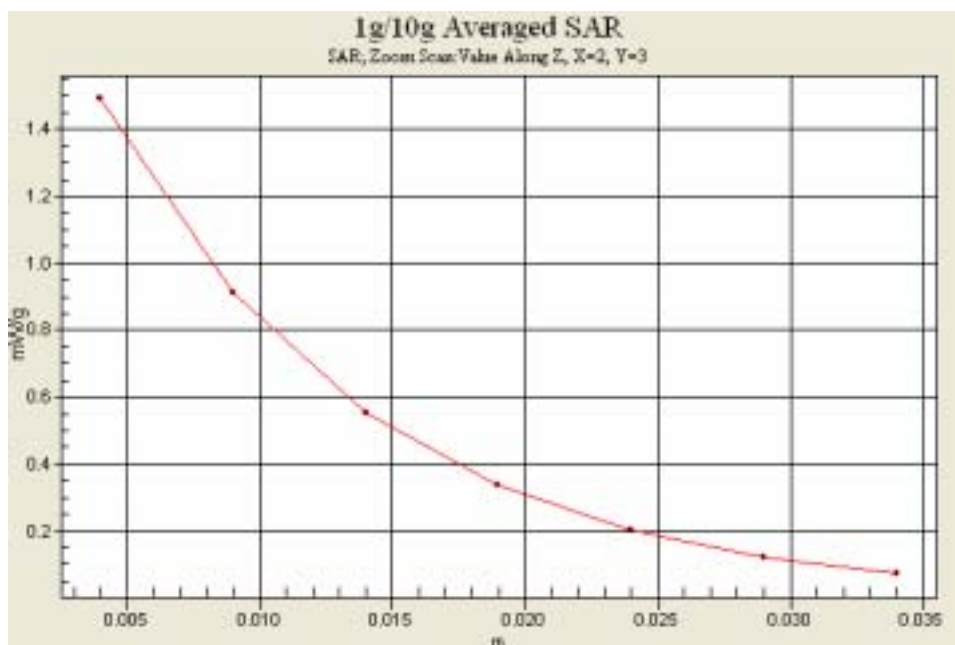
SAR(1 g) = 1.37 mW/g

Maximum value of SAR (measured) = 1.49 mW/g

Cheek/Touch, Ch.1175, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

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



SAMSUNG FCC ID : A3LSCHR210 -- 1900MHz PCS Body SAR

DUT: SCH-R210(Body); Serial: FD-172-A

Program Name: SCH-R210 PCS Body (Job No. : FD-172)

Procedure Name: Body, Ch. 1175, Ant. Intenna, Bat. Standard

Procedure Notes: Meas.Ambient temp(celsius)-21.8;Tissue Temp(celsius)-21.6;Test Date-13/Sep/2006[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; $\sigma = 1.52$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.5, 4.5, 4.5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch. 1175, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.445 mW/g

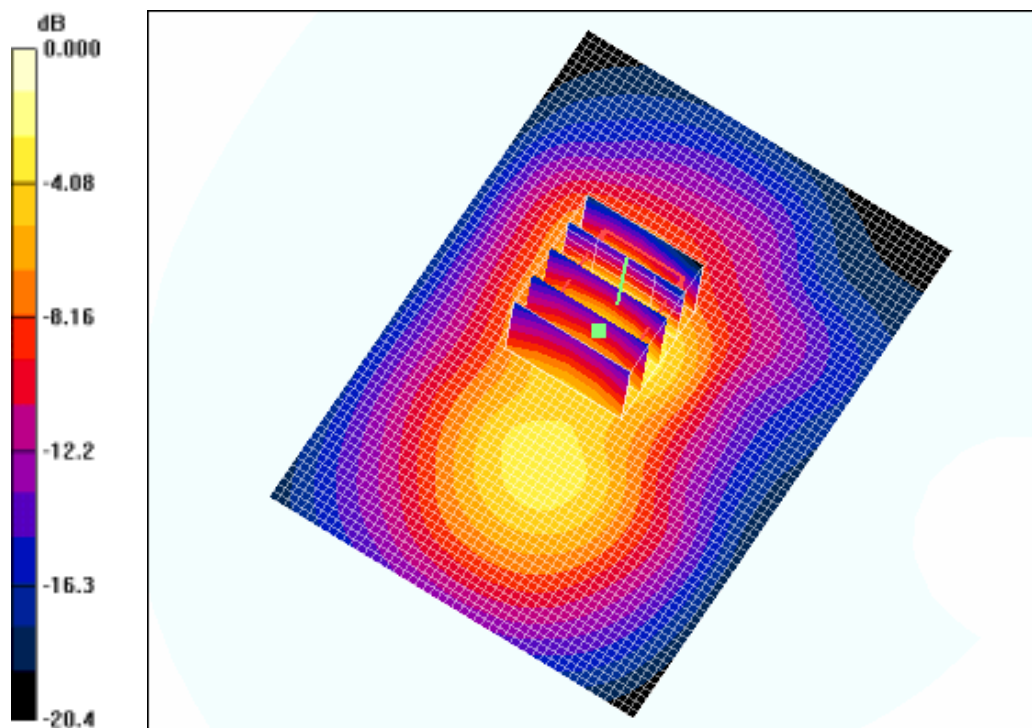
Body, Ch. 1175, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.4 V/m; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 0.798 W/kg

SAR(1 g) = 0.436 mW/g

Maximum value of SAR (measured) = 0.506 mW/g



0 dB = 0.506mW/g

SAMSUNG FCC ID : A3LSCHR210 -- 1900MHz PCS Body SAR

DUT: SCH-R210(Body); Serial: FD-172-A

Program Name: SCH-R210 PCS Body (Job No. : FD-172)

Procedure Name: Body, Ch. 1175, Ant. Intenna, Bat. Standard

Procedure Notes: Meas.Ambient temp(celsius)-21.8;Tissue Temp(celsius)-21.6;Test Date-13/Sep/2006[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; $\sigma = 1.52$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.5, 4.5, 4.5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch. 1175, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.445 mW/g

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

Reference Value = 15.4 V/m; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 0.798 W/kg

SAR(1 g) = 0.436 mW/g

Maximum value of SAR (measured) = 0.506 mW/g

