

DUT: SGH-S410i; Serial: FC-043-G

Program Name: SGH-S410i GSM1900 Right (Job No. : FC-043)

Procedure Name: Cheek/Touch, Ch.512, Ant.Intenna, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.3; Test Date-12/April/2005 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.11, 5.11, 5.11); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Extended/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.762 mW/g

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Extended/Zoom Scan (5x5x7)/Cube 0: Measurement

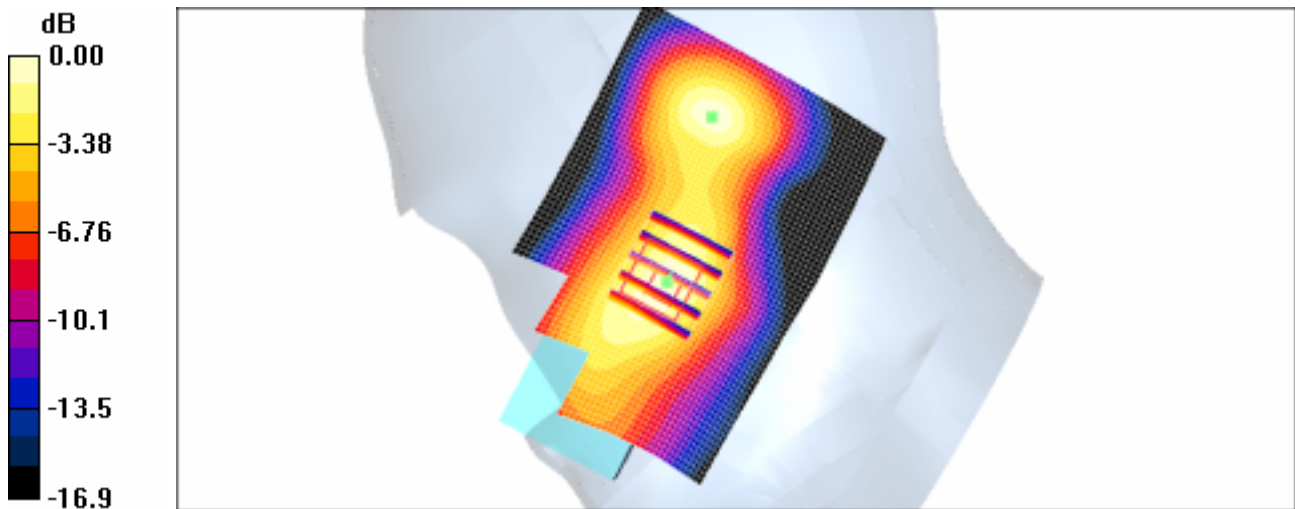
grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.3 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.752 mW/g;

Maximum value of SAR (measured) = 0.817 mW/g



0 dB = 0.817mW/g

DUT: SGH-S410i; Serial: FC-043-G

Program Name: SGH-S410i GSM1900 Right (Job No. : FC-043)

Procedure Name: Tilted, Ch.661, Ant.Intenna, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.3; Test Date-12/April/2005 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.11, 5.11, 5.11); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilted, Ch.661, Ant.Intenna, Bat.Extended/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.315 mW/g

Tilted, Ch.661, Ant.Intenna, Bat.Extended/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

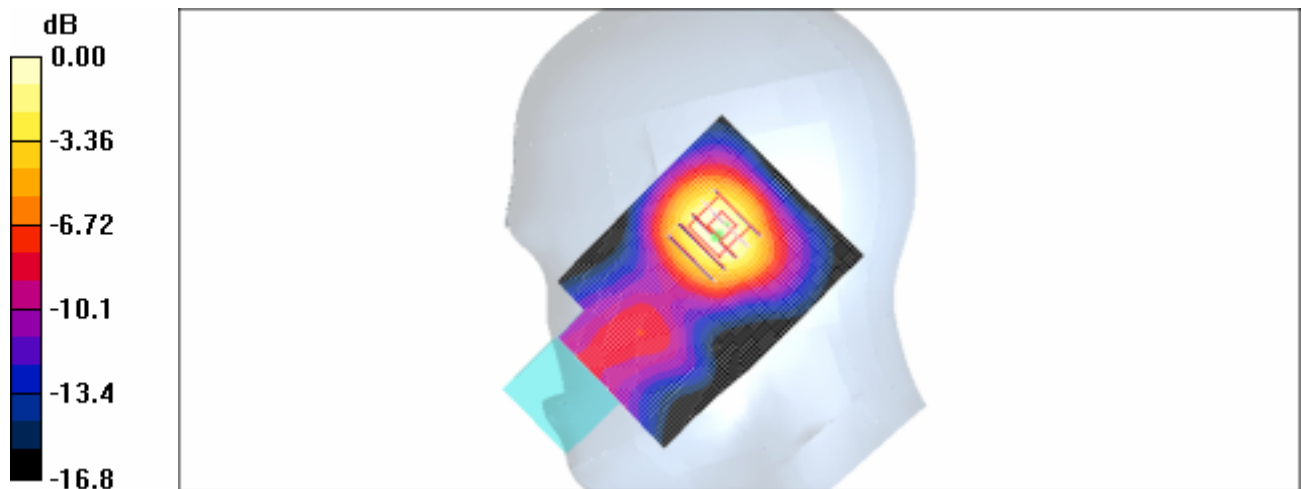
dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.8 V/m; Power Drift = -0.171 dB

Peak SAR (extrapolated) = 0.420 W/kg

SAR(1 g) = 0.281 mW/g;

Maximum value of SAR (measured) = 0.300 mW/g



0 dB = 0.300mW/g

DUT: SGH-S410i; Serial: FC-043-G

Program Name: SGH-S410i GSM1900 Right (Job No. : FC-043)

Procedure Name: Cheek/Touch, Ch.512, Ant.Intenna, Bat.Extended With BT On

Procedure Notes: Meas.Tissue Temp(celsius)-21.3; Test Date-12/April/2005 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.11, 5.11, 5.11); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Extended With BT On/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 0.783 mW/g

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Extended With BT On/Zoom Scan (5x5x7)/Cube 0:

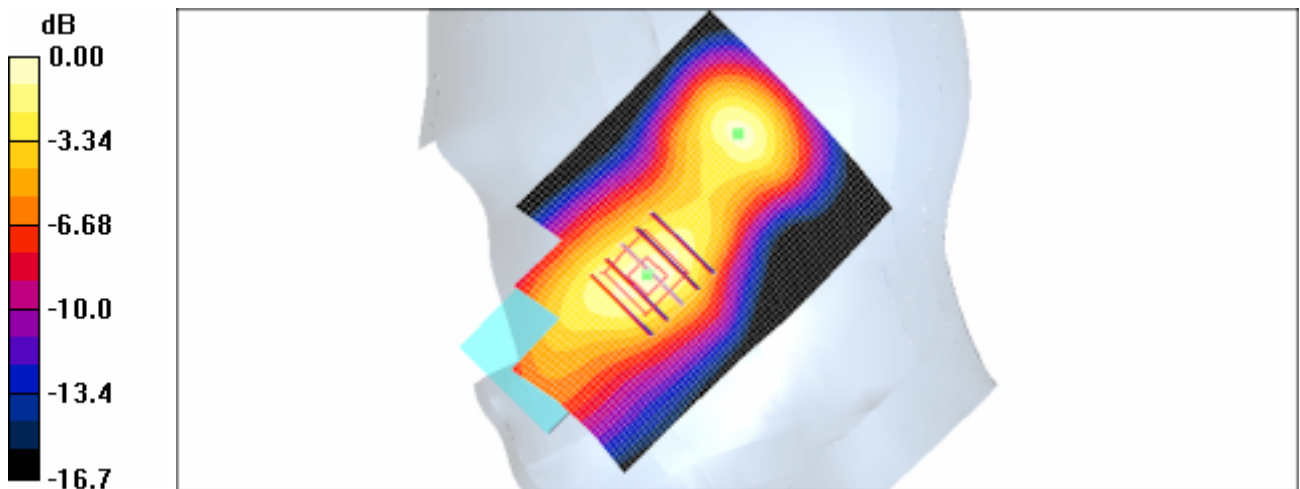
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.3 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.785 mW/g;

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



0 dB = 0.864mW/g

DUT: SGH-S410i; Serial: FC-043-G

Program Name: SGH-S410i GSM1900 Left (Job No. : FC-043)

Procedure Name: Cheek/Touch, Ch.512, Ant.Intenna, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.3; Test Date-12/April/2005 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.11, 5.11, 5.11); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Extended/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

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

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Extended/Zoom Scan (5x5x7)/Cube 0: Measurement

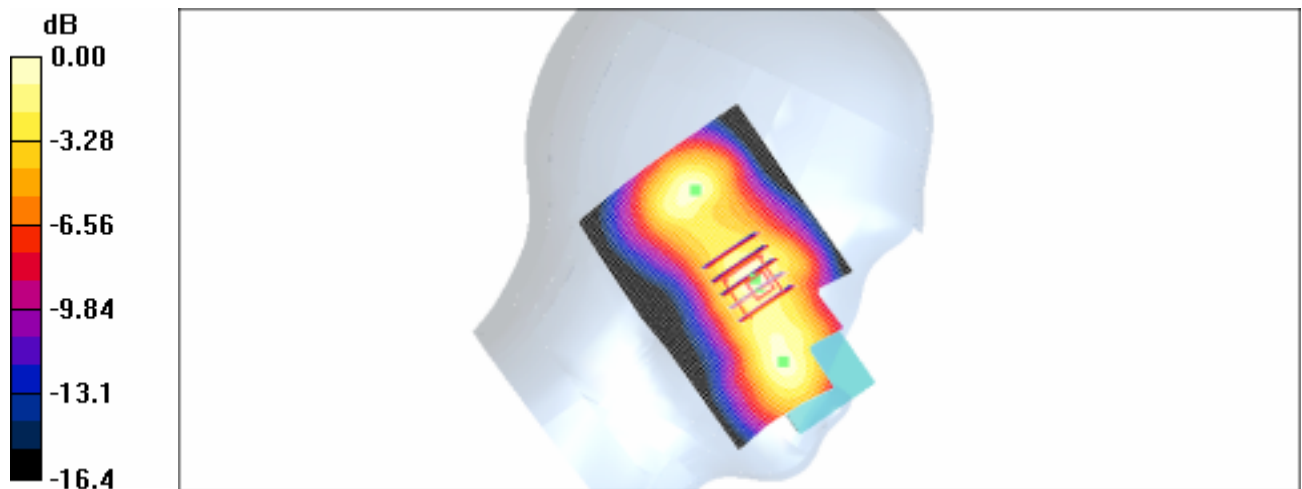
grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.1 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.721 mW/g;

Maximum value of SAR (measured) = 0.775 mW/g



0 dB = 0.775mW/g

DUT: SGH-S410i; Serial: FC-043-G

Program Name: SGH-S410i GSM1900 Left (Job No. : FC-043)

Procedure Name: Tilted, Ch.661, Ant.Intenna, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.3; Test Date-12/April/2005 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.11, 5.11, 5.11); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilted, Ch.661, Ant.Intenna, Bat.Extended/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.404 mW/g

Tilted, Ch.661, Ant.Intenna, Bat.Extended/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

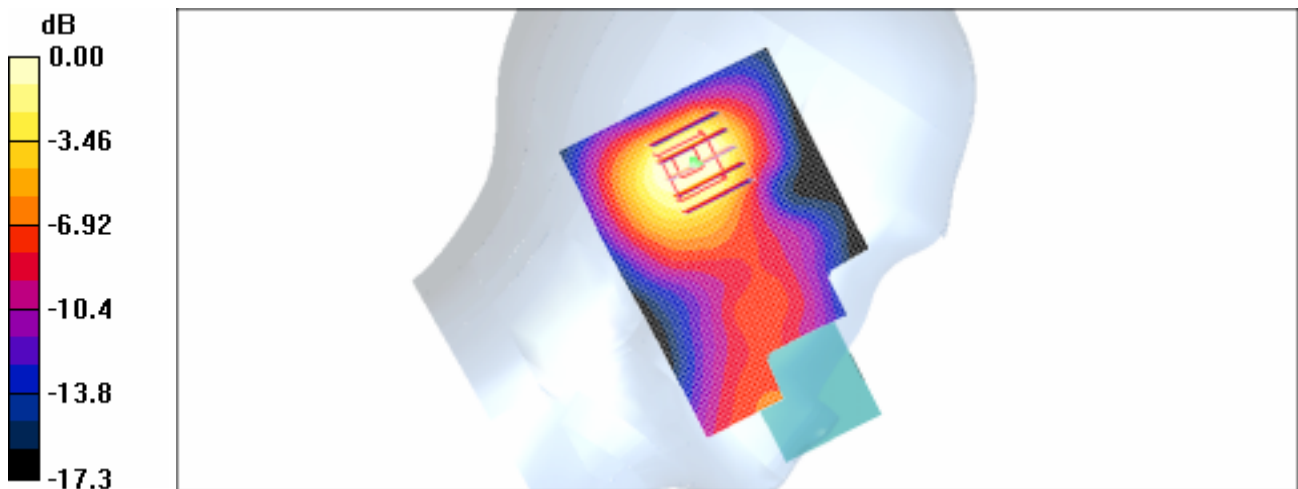
dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.6 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.422 W/kg

SAR(1 g) = 0.287 mW/g;

Maximum value of SAR (measured) = 0.302 mW/g



0 dB = 0.302mW/g

DUT: SGH-S410i(Body); Serial: FC-043-G

Program Name: SGH-S410i GPRS1900 Body (Job No. : FC-043)

Procedure Name: Body, Ch.512, Ant.Intenna, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-22.0; Test Date-12/April/2005 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM1900 GPRS; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(4.46, 4.46, 4.46); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body, Ch.512, Ant.Intenna, Bat.Extended/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.483 mW/g

Body, Ch.512, Ant.Intenna, Bat.Extended/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

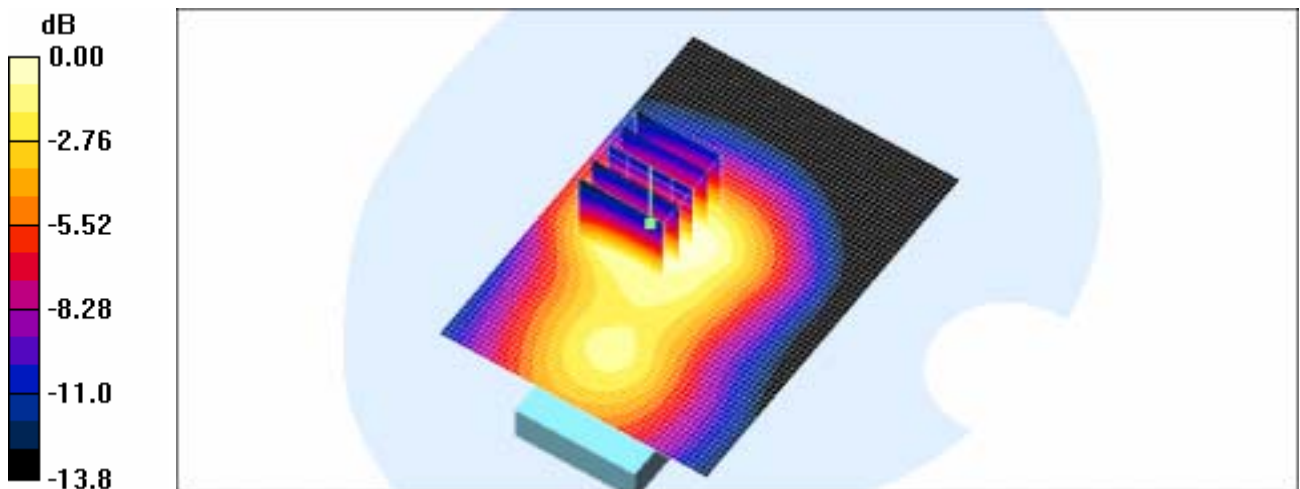
dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.592 W/kg

SAR(1 g) = 0.389 mW/g;

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



0 dB = 0.414mW/g

DUT: SGH-S410i(Body); Serial: FC-043-G

Program Name: SGH-S410i GPRS1900 Body (Job No. : FC-043)

Procedure Name: Body, Ch.512, Ant.Intenna, Bat.Extended With BT On

Procedure Notes: Meas.Tissue Temp(celsius)-22.0; Test Date-12/April/2005 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM1900 GPRS; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(4.46, 4.46, 4.46); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body, Ch.512, Ant.Intenna, Bat.Extended With BT On/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.437 mW/g

Body, Ch.512, Ant.Intenna, Bat.Extended With BT On/Zoom Scan (5x5x7)/Cube 0:

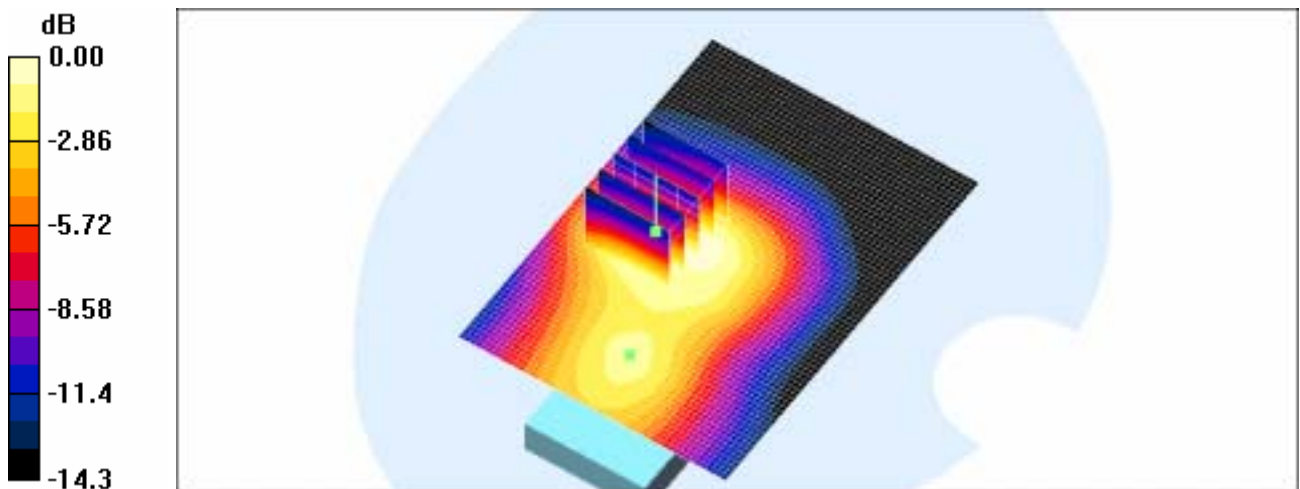
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 0.569 W/kg

SAR(1 g) = 0.374 mW/g;

Maximum value of SAR (measured) = 0.407 mW/g



0 dB = 0.407mW/g

DUT: SGH-S410i; Serial: FC-043-G

Program Name: SGH-S410i GSM1900 Right (Job No. : FC-043)

Procedure Name: Cheek/Touch, Ch.512, Ant.Intenna, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.3; Test Date-12/April/2005 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.11, 5.11, 5.11); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Extended/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.762 mW/g

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Extended/Zoom Scan (5x5x7)/Cube 0: Measurement

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

Reference Value = 18.3 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.752 mW/g

Maximum value of SAR (measured) = 0.817 mW/g



DUT: SGH-S410i; Serial: FC-043-G

Program Name: SGH-S410i GSM1900 Right (Job No. : FC-043)

Procedure Name: Cheek/Touch, Ch.512, Ant.Intenna, Bat.Extended With BT On

Procedure Notes: Meas.Tissue Temp(celsius)-21.3; Test Date-12/April/2005 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.11, 5.11, 5.11); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Extended With BT On/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 0.783 mW/g

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Extended With BT On/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 18.3 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.785 mW/g

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



DUT: SGH-S410i(Body); Serial: FC-043-G

Program Name: SGH-S410i GPRS1900 Body (Job No. : FC-043)

Procedure Name: Body, Ch.512, Ant.Intenna, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-22.0; Test Date-12/April/2005 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM1900 GPRS; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(4.46, 4.46, 4.46); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body, Ch.512, Ant.Intenna, Bat.Extended/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.483 mW/g

Body, Ch.512, Ant.Intenna, Bat.Extended/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 12.2 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.592 W/kg

SAR(1 g) = 0.389 mW/g

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



DUT: SGH-S410i(Body); Serial: FC-043-G

Program Name: SGH-S410i GPRS1900 Body (Job No. : FC-043)

Procedure Name: Body, Ch.512, Ant.Intenna, Bat.Extended With BT On

Procedure Notes: Meas.Tissue Temp(celsius)-22.0; Test Date-12/April/2005 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM1900 GPRS; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(4.46, 4.46, 4.46); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body, Ch.512, Ant.Intenna, Bat.Extended With BT On/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.437 mW/g

Body, Ch.512, Ant.Intenna, Bat.Extended With BT On/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 11.7 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 0.569 W/kg

SAR(1 g) = 0.374 mW/g

Maximum value of SAR (measured) = 0.407 mW/g

