

SAMSUNG FCC ID : A3LSGHE340 -- GSM1900 Head SAR

DUT: SGH-E340; Serial: EB-038-A

Program Name: SGH-E340 GSM1900 Right (Job No. : FC-038)

Procedure Name: Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.2; Test Date-31/Mar/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; $\sigma = 1.4$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(8.29, 8.29, 8.29); Calibrated: 2004-12-15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.77 V/m; Power Drift = 0.092 dB

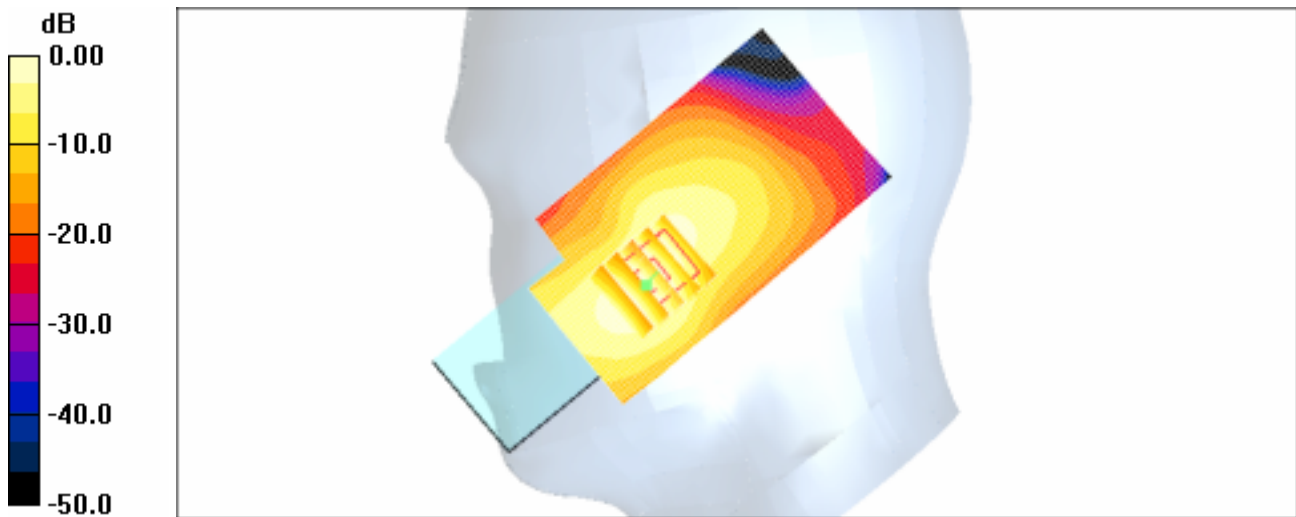
Peak SAR (extrapolated) = 0.941 W/kg

SAR(1 g) = 0.561 mW/g

Maximum value of SAR (measured) = 0.616 mW/g

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.547 mW/g



0 dB = 0.547mW/g

SAMSUNG FCC ID : A3LSGHE340 -- GSM1900 Head SAR

DUT: SGH-E340; Serial: EB-038-A

Program Name: SGH-E340 GSM1900 Right (Job No. : FC-038)

Procedure Name: Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.2; Test Date-31/Mar/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; $\sigma = 1.4$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(8.29, 8.29, 8.29); Calibrated: 2004-12-15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.23 V/m; Power Drift = -0.066 dB

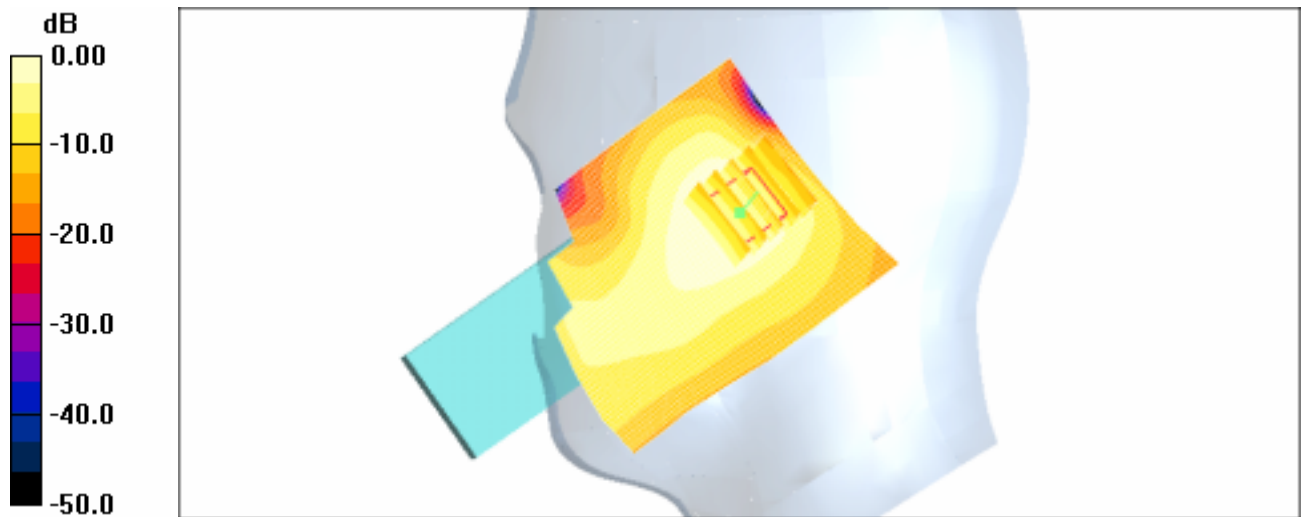
Peak SAR (extrapolated) = 0.114 W/kg

SAR(1 g) = 0.075 mW/g

Maximum value of SAR (measured) = 0.081 mW/g

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

Maximum value of SAR (interpolated) = 0.089 mW/g



0 dB = 0.089mW/g

SAMSUNG FCC ID : A3LSGHE340 -- GSM1900 Head SAR

DUT: SGH-E340; Serial: EB-038-A

Program Name: SGH-E340 GSM1900 Left (Job No. : FC-038)

Procedure Name: Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.2; Test Date-31/Mar/2005 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 40$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(8.29, 8.29, 8.29); Calibrated: 2004-12-15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.552 mW/g

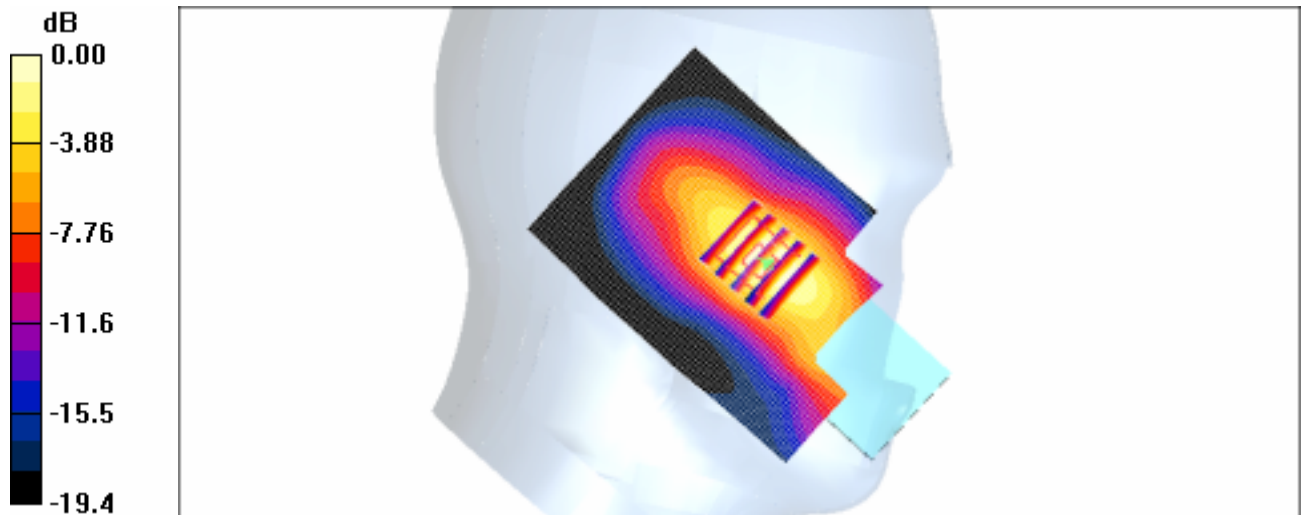
Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.01 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.842 W/kg

SAR(1 g) = 0.511 mW/g

Maximum value of SAR (measured) = 0.562 mW/g



0 dB = 0.562mW/g

SAMSUNG FCC ID : A3LSGHE340 -- GSM1900 Head SAR

DUT: SGH-E340; Serial: EB-038-A

Program Name: SGH-E340 GSM1900 Left (Job No. : FC-038)

Procedure Name: Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.2; Test Date-31/Mar/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; $\sigma = 1.4$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(8.29, 8.29, 8.29); Calibrated: 2004-12-15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.43 V/m; Power Drift = 0.034 dB

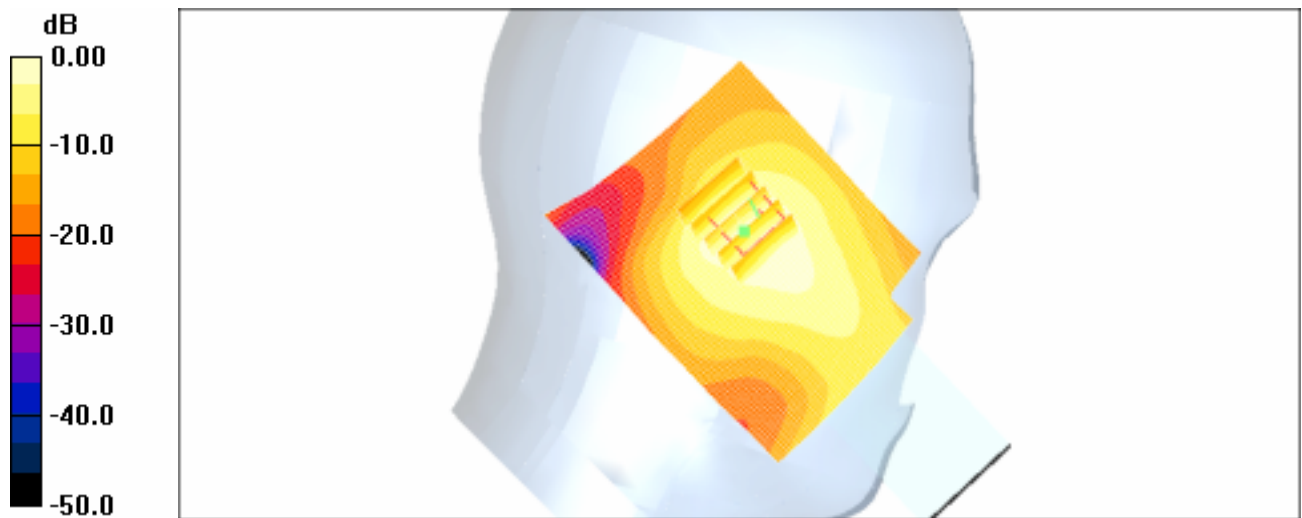
Peak SAR (extrapolated) = 0.164 W/kg

SAR(1 g) = 0.104 mW/g

Maximum value of SAR (measured) = 0.109 mW/g

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

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



0 dB = 0.121mW/g

SAMSUNG FCC ID : A3LSGHE340 -- GPRS1900 Head SAR

DUT: SGH-E340; Serial: EB-038-A

Program Name: SGH-E340 GSM1900 Right (Job No. : FC-038)

Procedure Name: Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard With BT

Procedure Notes: Meas.Tissue Temp(celsius)-21.2; Test Date-31/Mar/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; $\sigma = 1.4$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(8.29, 8.29, 8.29); Calibrated: 2004-12-15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard With BT/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.66 V/m; Power Drift = 0.067 dB

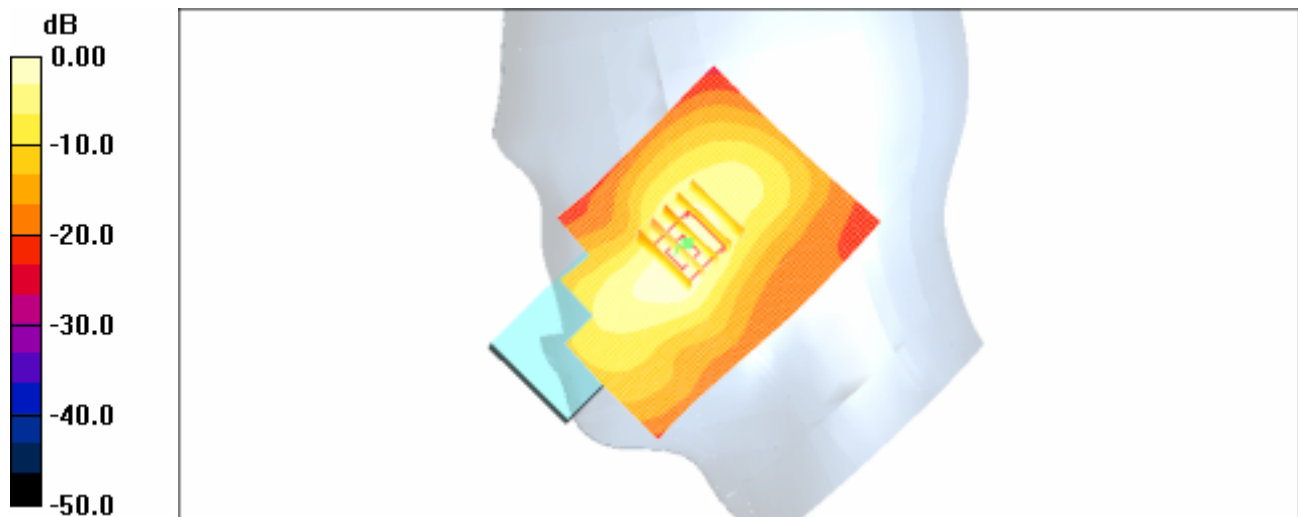
Peak SAR (extrapolated) = 0.936 W/kg

SAR(1 g) = 0.538 mW/g

Maximum value of SAR (measured) = 0.571 mW/g

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard With BT/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.550 mW/g



0 dB = 0.550mW/g

SAMSUNG FCC ID : A3LSGHE340 -- GPRS1900 Body SAR

DUT: SGH-E340 (Body); Serial: EB-038-A

Program Name: SGH-E340 GSM1900 Body (Job No. : FC-038)

Procedure Name: Body, Ch.810, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.5;Test Date-31/Mar/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: Body GPRS ; Frequency: 1909.8 MHz;Duty Cycle: 1:4.15

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(7.76, 7.76, 7.76); Calibrated: 2004-12-15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body, Ch.810, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

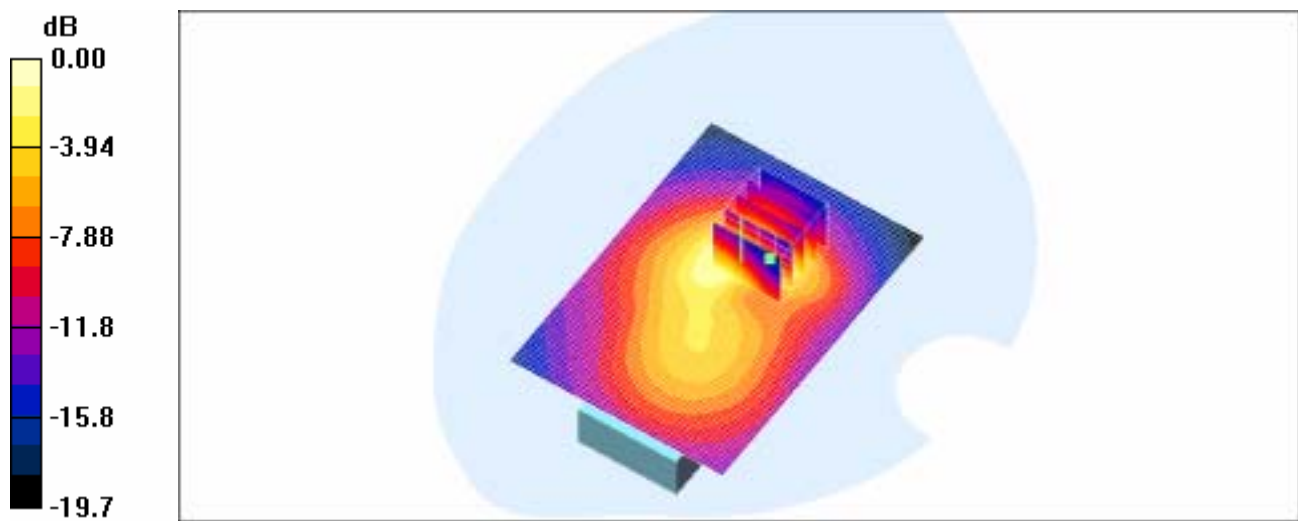
Reference Value = 20.3 V/m; Power Drift = 0.048 dB

Peak SAR (extrapolated) = 0.962 W/kg

SAR(1 g) = 0.597 mW/g

Body, Ch.810, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.570 mW/g



0 dB = 0.570mW/g

SAMSUNG FCC ID : A3LSGHE340 -- GPRS1900 Body SAR

DUT: SGH-E340 (Body); Serial: EB-038-A

Program Name: SGH-E340 GSM1900 Body (Job No. : FC-038)

Procedure Name: Body, Ch.810, Ant.Intenna, Bat.Standard with BT

Procedure Notes: Meas.Tissue Temp(celsius)-21.5;Test Date-31/Mar/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: Body GPRS ; Frequency: 1909.8 MHz;Duty Cycle: 1:4.15

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(7.76, 7.76, 7.76); Calibrated: 2004-12-15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body, Ch.810, Ant.Intenna, Bat.Standard with BT/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.9 V/m; Power Drift = 0.189 dB

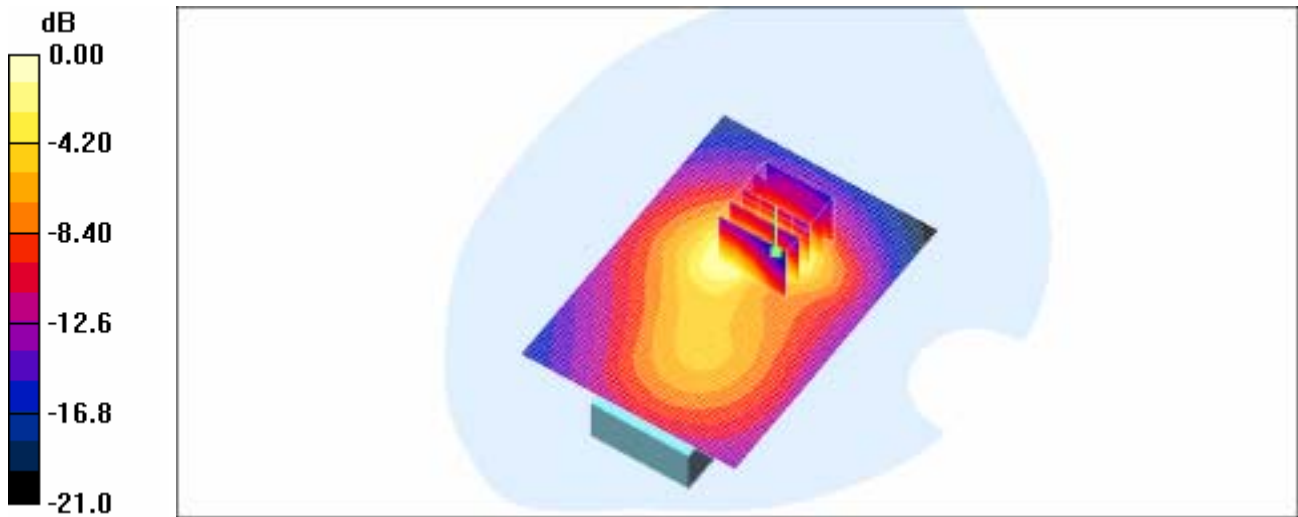
Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.623 mW/g

Maximum value of SAR (measured) = 0.659 mW/g

Body, Ch.810, Ant.Intenna, Bat.Standard with BT/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.565 mW/g



0 dB = 0.565mW/g

SAMSUNG FCC ID : A3LSGHE340 -- GPRS1900 Head SAR

DUT: SGH-E340; Serial: EB-038-A

Program Name: SGH-E340 GSM1900 Right (Job No. : FC-038)

Procedure Name: Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.2; Test Date-31/Mar/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; $\sigma = 1.4$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(8.29, 8.29, 8.29); Calibrated: 2004-12-15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.547 mW/g

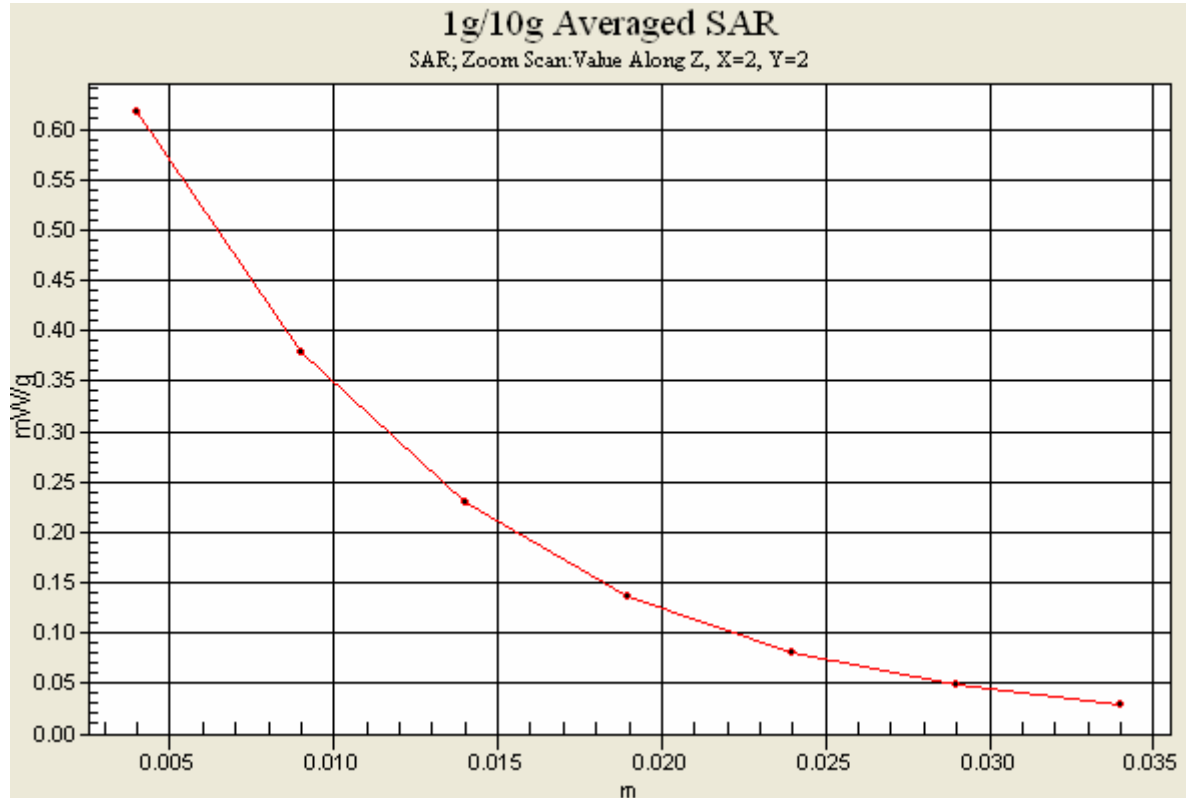
Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.77 V/m; Power Drift = 0.092 dB

Peak SAR (extrapolated) = 0.941 W/kg

SAR(1 g) = 0.561 mW/g

Maximum value of SAR (measured) = 0.616 mW/g



SAMSUNG FCC ID : A3LSGHE340 -- GPRS1900 Head SAR

DUT: SGH-E340; Serial: EB-038-A

Program Name: SGH-E340 GSM1900 Right (Job No. : FC-038)

Procedure Name: Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard With BT

Procedure Notes: Meas.Tissue Temp(celsius)-21.2; Test Date-31/Mar/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; $\sigma = 1.4$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(8.29, 8.29, 8.29); Calibrated: 2004-12-15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard With BT/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.550 mW/g

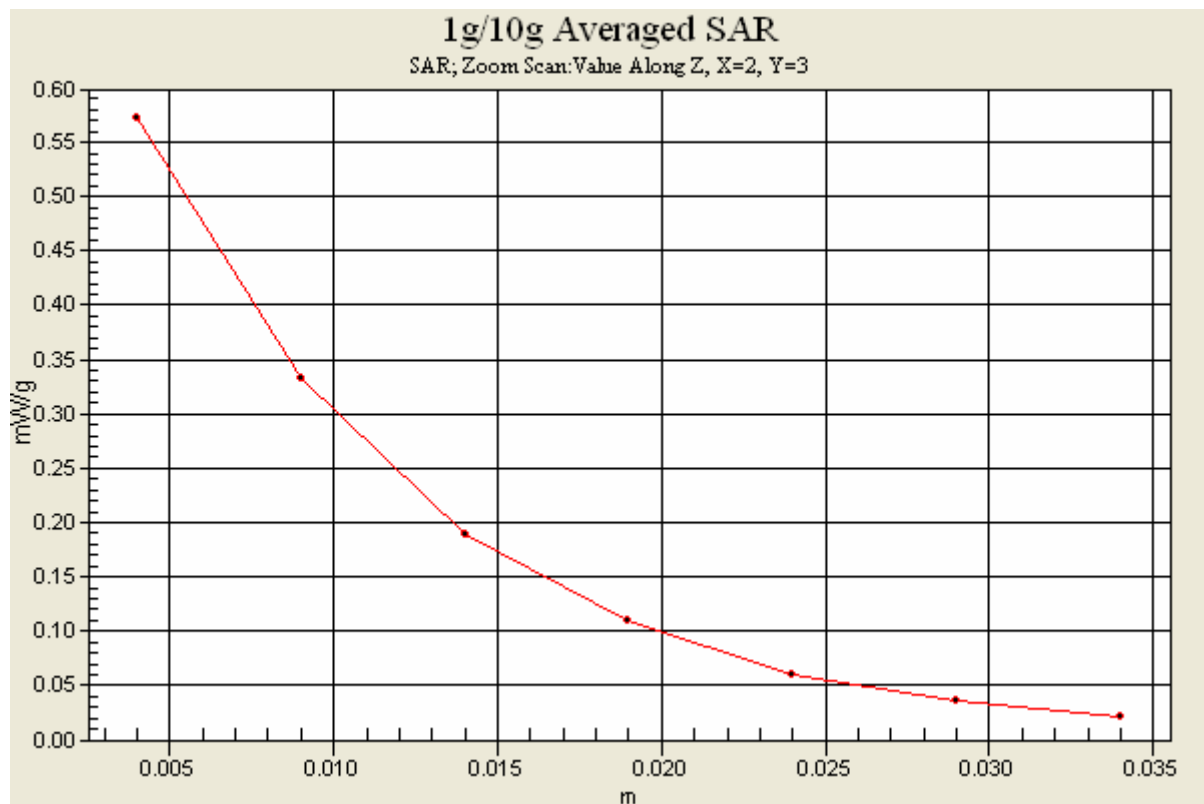
Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard With BT/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.66 V/m; Power Drift = 0.067 dB

Peak SAR (extrapolated) = 0.936 W/kg

SAR(1 g) = 0.538 mW/g

Maximum value of SAR (measured) = 0.571 mW/g



SAMSUNG FCC ID : A3LSGHE340 -- GPRS1900 Body SAR

DUT: SGH-E340 (Body); Serial: EB-038-A

Program Name: SGH-E340 GSM1900 Body (Job No. : FC-038)

Procedure Name: Body, Ch.810, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.5;Test Date-31/Mar/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: Body GPRS ; Frequency: 1909.8 MHz;Duty Cycle: 1:4.15

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(7.76, 7.76, 7.76); Calibrated: 2004-12-15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body, Ch.810, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.570 mW/g

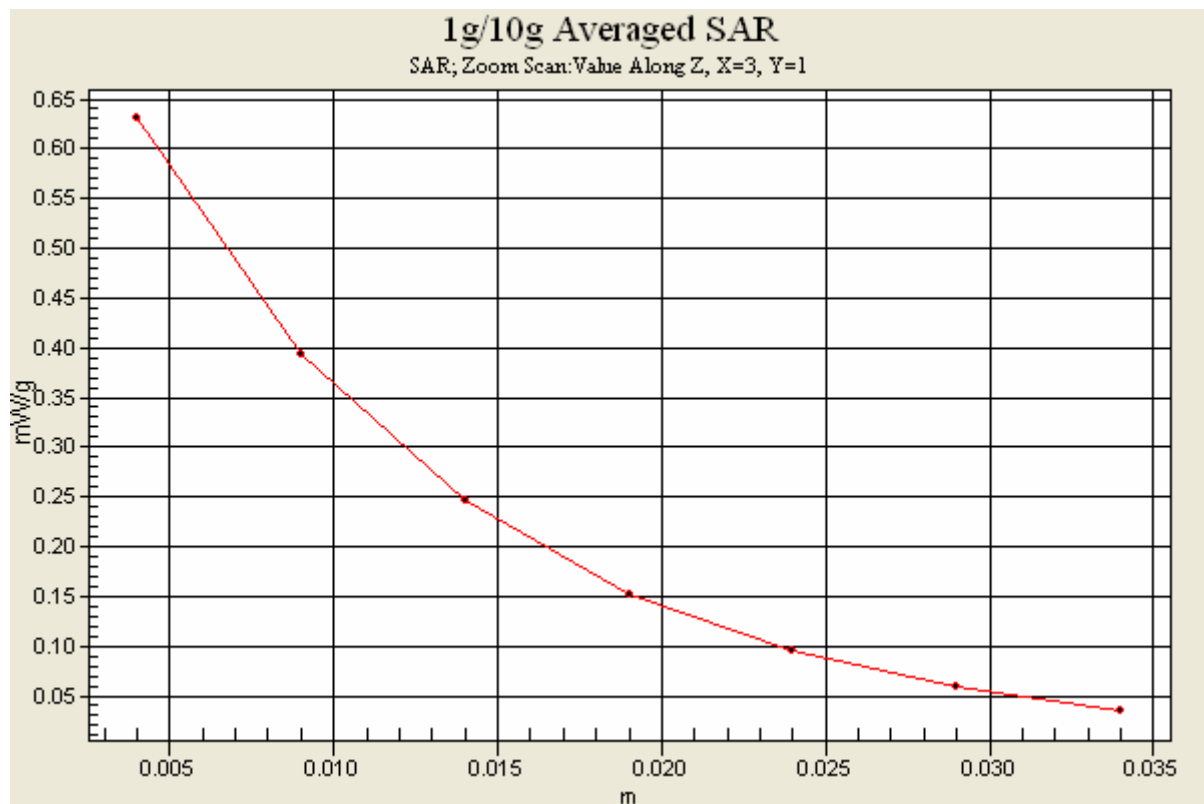
Body, Ch.810, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.3 V/m; Power Drift = 0.048 dB

Peak SAR (extrapolated) = 0.962 W/kg

SAR(1 g) = 0.597 mW/g

Maximum value of SAR (measured) = 0.630 mW/g



SAMSUNG FCC ID : A3LSGHE340 -- GPRS1900 Body SAR

DUT: SGH-E340 (Body); Serial: EB-038-A

Program Name: SGH-E340 GSM1900 Body (Job No. : FC-038)

Procedure Name: Body, Ch.810, Ant.Intenna, Bat.Standard with BT

Procedure Notes: Meas.Tissue Temp(celsius)-21.5;Test Date-31/Mar/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: Body GPRS ; Frequency: 1909.8 MHz;Duty Cycle: 1:4.15

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(7.76, 7.76, 7.76); Calibrated: 2004-12-15

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn468; Calibrated: 2004-12-07

- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body, Ch.810, Ant.Intenna, Bat.Standard with BT/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.565 mW/g

Body, Ch.810, Ant.Intenna, Bat.Standard with BT/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.9 V/m; Power Drift = 0.189 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.623 mW/g

Maximum value of SAR (measured) = 0.659 mW/g

