

SAMSUNG FCC ID : A3LSGHC207L -- 835 MHz GSM850 Head SAR

DUT: SGH-C207L; Serial: FB-041-D

Program Name: SGH-C207L GSM850 Right (Job No.: FB-041)

Procedure Name: Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.7; Test Date-15/July/2004 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 42.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.54, 6.54, 6.54); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

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

Reference Value = 23.2 V/m ; Power Drift = -0.1 dB

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

Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

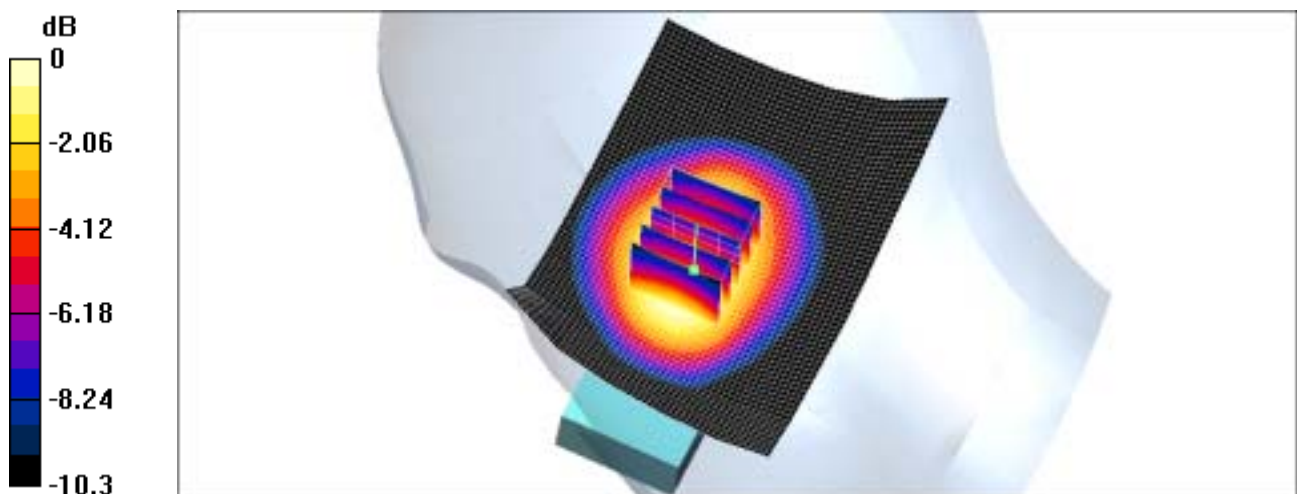
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 23.2 V/m ; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.728 mW/g

Peak SAR (extrapolated) = 0.922 W/kg

SAR(1 g) = 0.691 mW/g



0 dB = 0.728 mW/g

SAMSUNG FCC ID : A3LSGHC207L -- 835 MHz GSM850 Head SAR

DUT: SGH-C207L; Serial: FB-041-D

Program Name: SGH-C207L GSM850 Right (Job No.: FB-041)

Procedure Name: Ear/Tilt, Ch.251, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.7; Test Date-15/July/2004 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 42.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.54, 6.54, 6.54); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Ear/Tilt, Ch.251, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

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

Reference Value = 19.8 V/m ; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 0.405 mW/g

Ear/Tilt, Ch.251, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

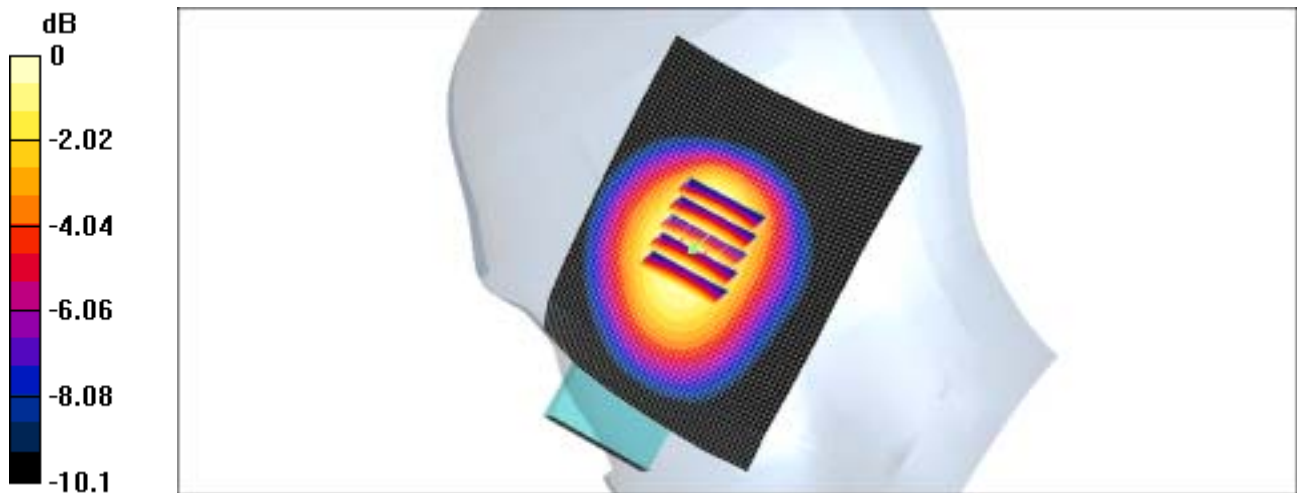
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.8 V/m ; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.390 mW/g

Peak SAR (extrapolated) = 0.487 W/kg

SAR(1 g) = 0.367 mW/g



0 dB = 0.390 mW/g

SAMSUNG FCC ID : A3LSGHC207L -- 835 MHz GSM850 Head SAR

DUT: SGH-C207L; Serial: FB-041-D

Program Name: SGH-C207L GSM850 Left (Job No.: FB-041)

Procedure Name: Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.7; Test Date-15/July/2004 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 42.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.54, 6.54, 6.54); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

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

Reference Value = 22.7 V/m ; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 0.728 mW/g

Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard/Zoom Scan

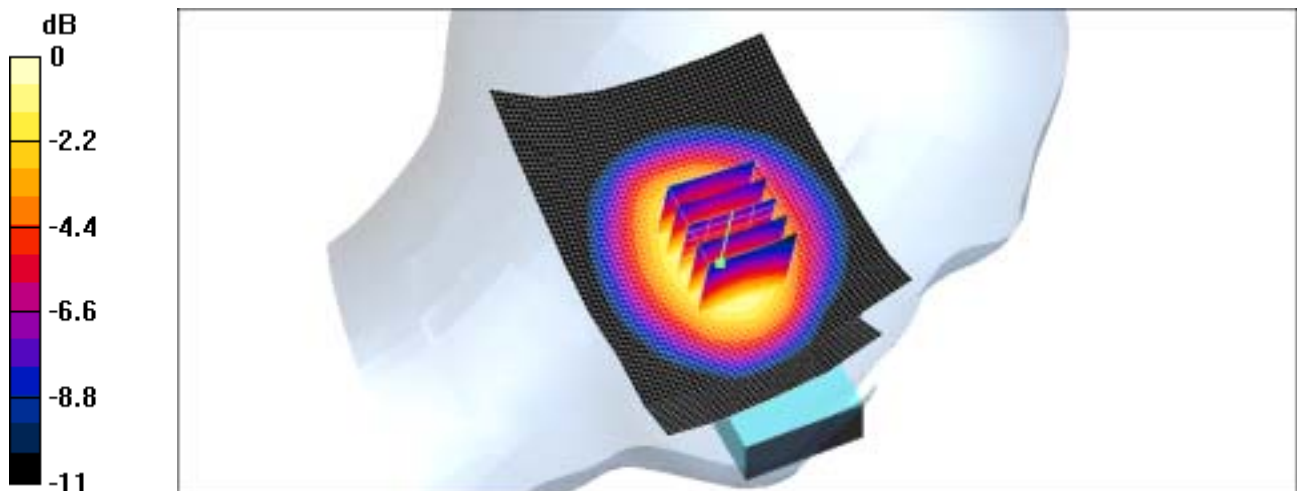
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.7 V/m ; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.671 mW/g

Peak SAR (extrapolated) = 0.838 W/kg

SAR(1 g) = 0.636 mW/g



0 dB = 0.671 mW/g

SAMSUNG FCC ID : A3LSGHC207L -- 835 MHz GSM850 Head SAR

DUT: SGH-C207L; Serial: FB-041-D

Program Name: SGH-C207L GSM850 Left (Job No.: FB-041)

Procedure Name: Ear/Tilt, Ch.251, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.7; Test Date-15/July/2004 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 42.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.54, 6.54, 6.54); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Ear/Tilt, Ch.251, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

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

Reference Value = 19.6 V/m ; Power Drift = -0.008 dB

Maximum value of SAR (interpolated) = 0.359 mW/g

Ear/Tilt, Ch.251, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

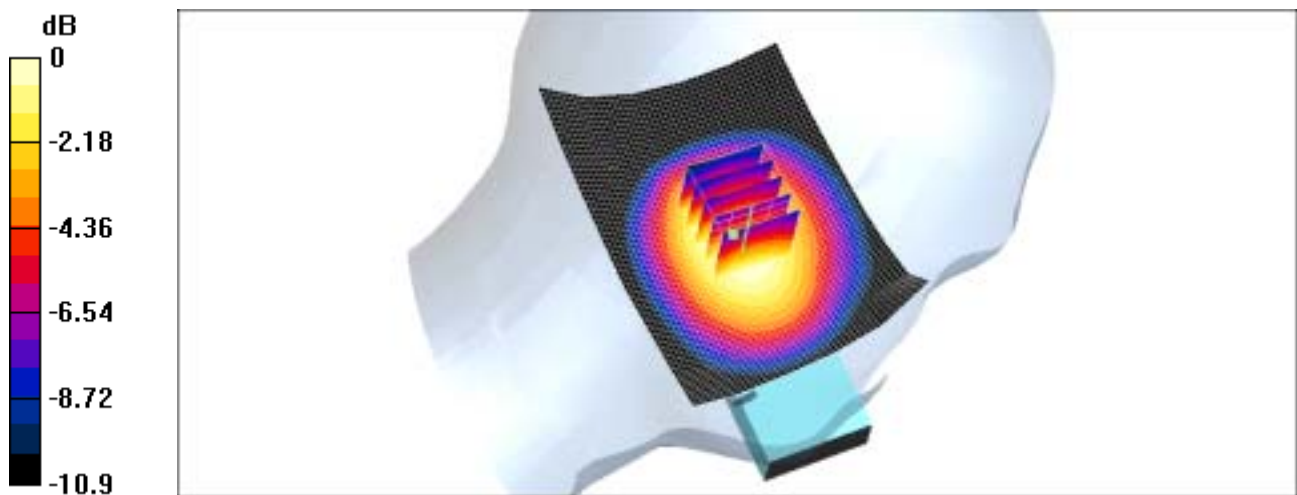
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.6 V/m ; Power Drift = -0.008 dB

Maximum value of SAR (measured) = 0.321 mW/g

Peak SAR (extrapolated) = 0.409 W/kg

SAR(1 g) = 0.305 mW/g



0 dB = 0.321 mW/g

DUT: SGH-C207L; Serial: FB-041-D

Program Name: SGH-C207L GSM1900 Right (Job No.: FB-041)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.4; Test Date-14/July/2004 [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; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ 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 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

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

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

Reference Value = 11.1 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 0.286 mW/g

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = -0.0 dB

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

Peak SAR (extrapolated) = 0.399 W/kg

SAR(1 g) = 0.279 mW/g

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan

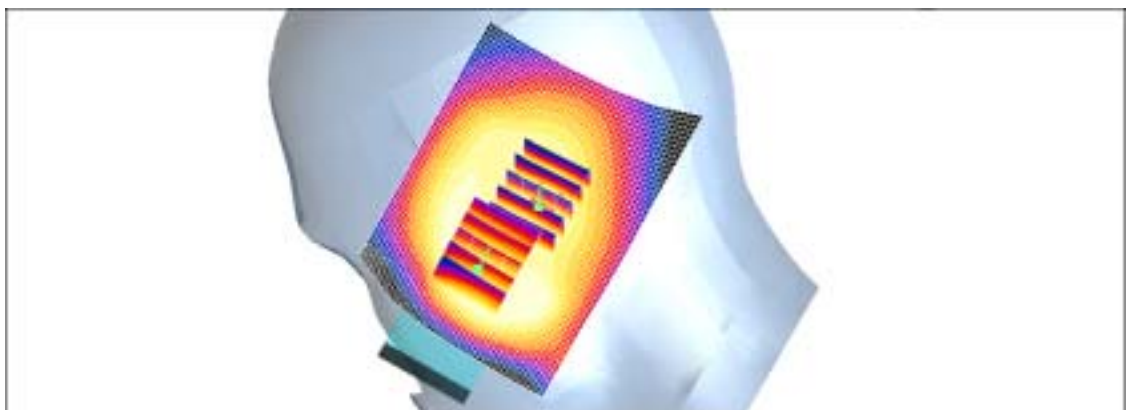
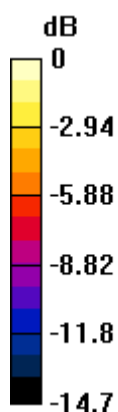
(5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.181 mW/g

Peak SAR (extrapolated) = 0.242 W/kg

SAR(1 g) = 0.168 mW/g



0 dB = 0.181mW/g

SAMSUNG FCC ID : A3LSGHC207L -- 1900MHz GSM1900 Head SAR

DUT: SGH-C207L; Serial: FB-041-D

Program Name: SGH-C207L GSM1900 Right (Job No.: FB-041)

Procedure Name: Ear/Tilt, Ch.512, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.4; Test Date-14/July/2004 [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; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ 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 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Ear/Tilt, Ch.512, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

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

Reference Value = 11.5 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.197 mW/g

Ear/Tilt, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

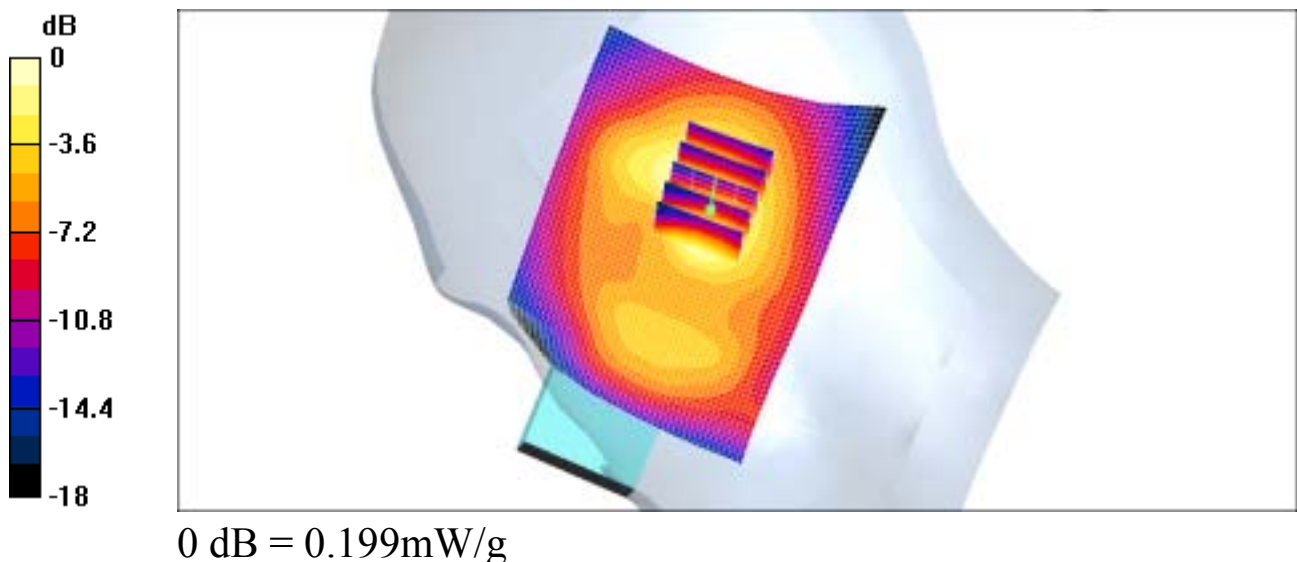
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.5 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.199 mW/g

Peak SAR (extrapolated) = 0.291 W/kg

SAR(1 g) = 0.184 mW/g



DUT: SGH-C207L; Serial: FB-041-D

Program Name: SGH-C207L GSM1900 Left (Job No.: FB-041)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.4; Test Date-14/July/2004 [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; $\sigma = 1.39$ 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 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

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

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

Reference Value = 11.7 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.265 mW/g

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.251 mW/g

Peak SAR (extrapolated) = 0.316 W/kg

SAR(1 g) = 0.230 mW/g

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan

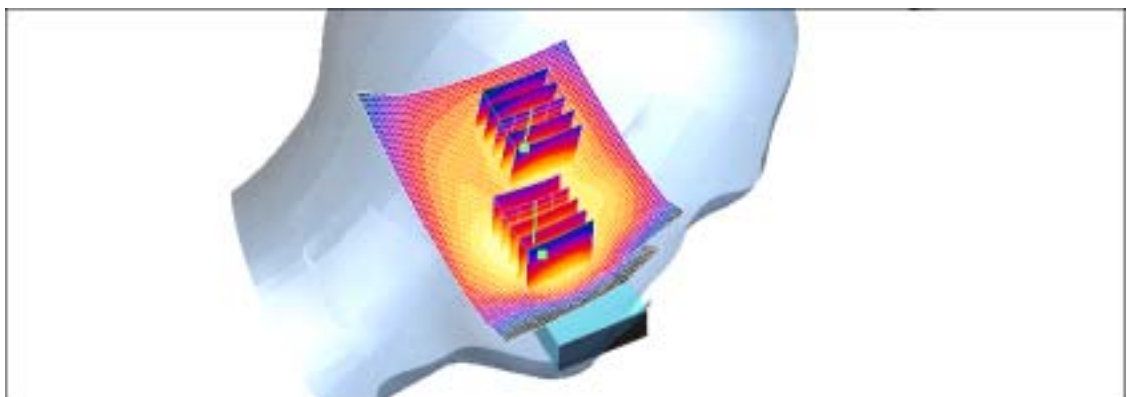
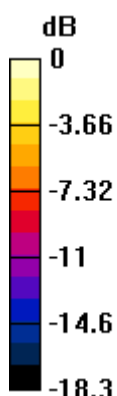
(5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.255 mW/g

Peak SAR (extrapolated) = 0.369 W/kg

SAR(1 g) = 0.235 mW/g



0 dB = 0.255mW/g

SAMSUNG FCC ID : A3LSGHC207L -- 1900MHz GSM1900 Head SAR

DUT: SGH-C207L; Serial: FB-041-D

Program Name: SGH-C207L GSM1900 Left (Job No.: FB-041)

Procedure Name: Ear/Tilt, Ch.512, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.4; Test Date-14/July/2004 [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; $\sigma = 1.39$ 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 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Ear/Tilt, Ch.512, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

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

Reference Value = 12.3 V/m; Power Drift = 0.1 dB

Maximum value of SAR (interpolated) = 0.246 mW/g

Ear/Tilt, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

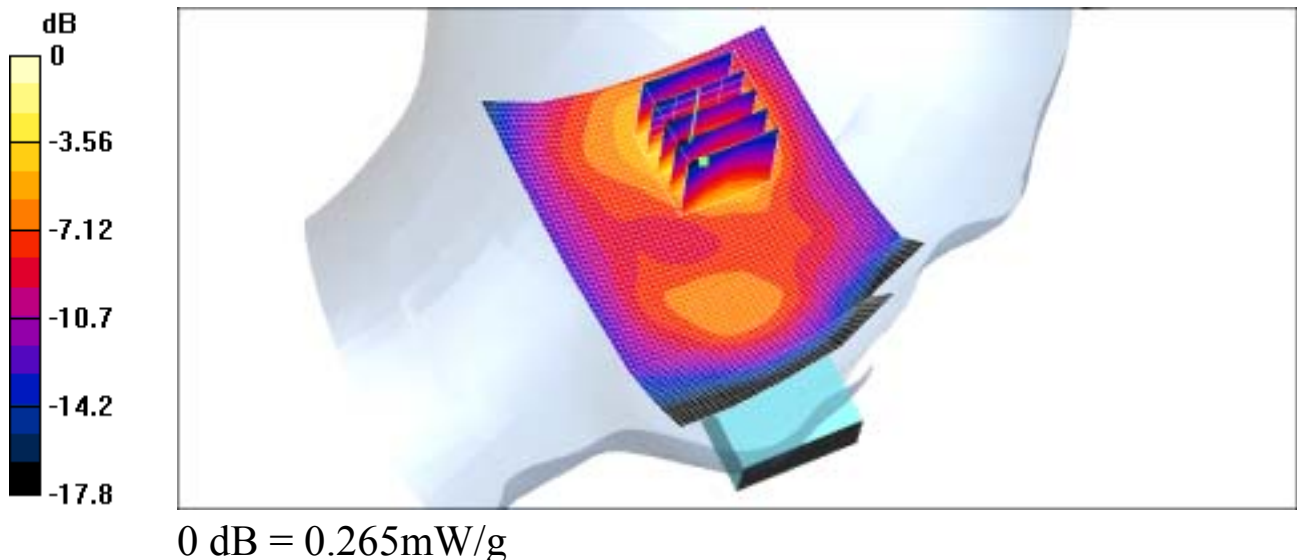
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.3 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.265 mW/g

Peak SAR (extrapolated) = 0.408 W/kg

SAR(1 g) = 0.249 mW/g



SAMSUNG FCC ID : A3LSGHC207L -- 835MHz GSM850 Body SAR

DUT: SGH-C207L; Serial: FB-041-D

Program Name: SGH-C207L GSM850 Body (Job No.: FB-041)

Procedure Name: Body, Ch.0251, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.3; Test Date-15/Jul/2004 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.34, 6.34, 6.34); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Body, Ch.0251, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

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

Reference Value = 17.2 V/m ; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.580 mW/g

Body, Ch.0251, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

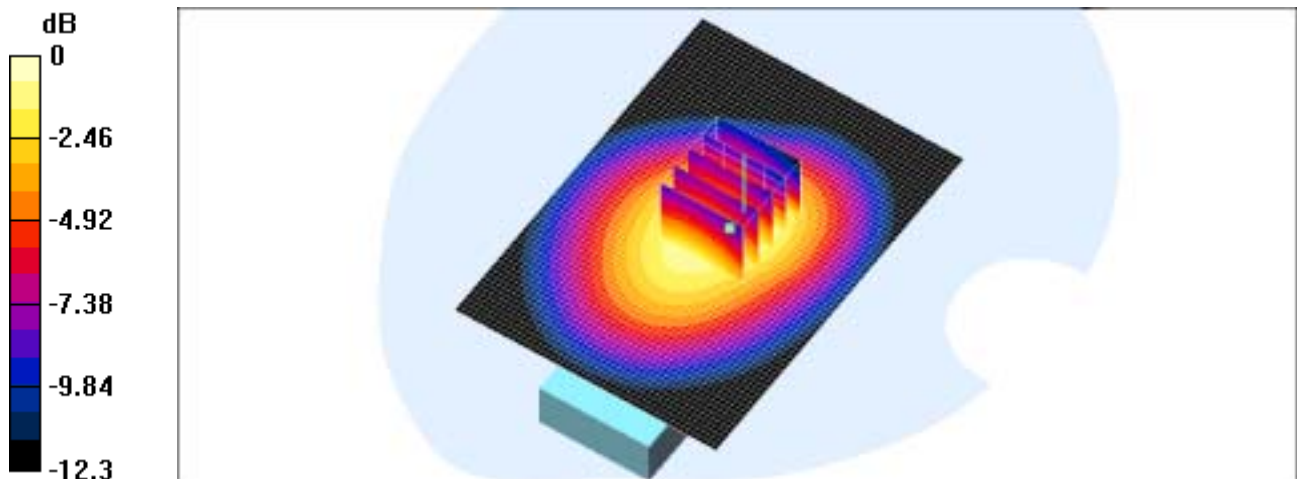
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.2 V/m ; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.560 mW/g

Peak SAR (extrapolated) = 0.734 W/kg

SAR(1 g) = 0.520 mW/g



0 dB = 0.560 mW/g

SAMSUNG FCC ID : A3LSGHC207L -- 835MHz GPRS850 Body SAR

DUT: SGH-C207L; Serial: FB-041-D

Program Name: SGH-C207L GPRS850 Body (Job No.: FB-041)

Procedure Name: Body, Ch.0251, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.3; Test Date-15/Jul/2004 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 850 (GPRS); Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.34, 6.34, 6.34); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Body, Ch.0251, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

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

Reference Value = 24.2 V/m ; Power Drift = -0.1 dB

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

Body, Ch.0251, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

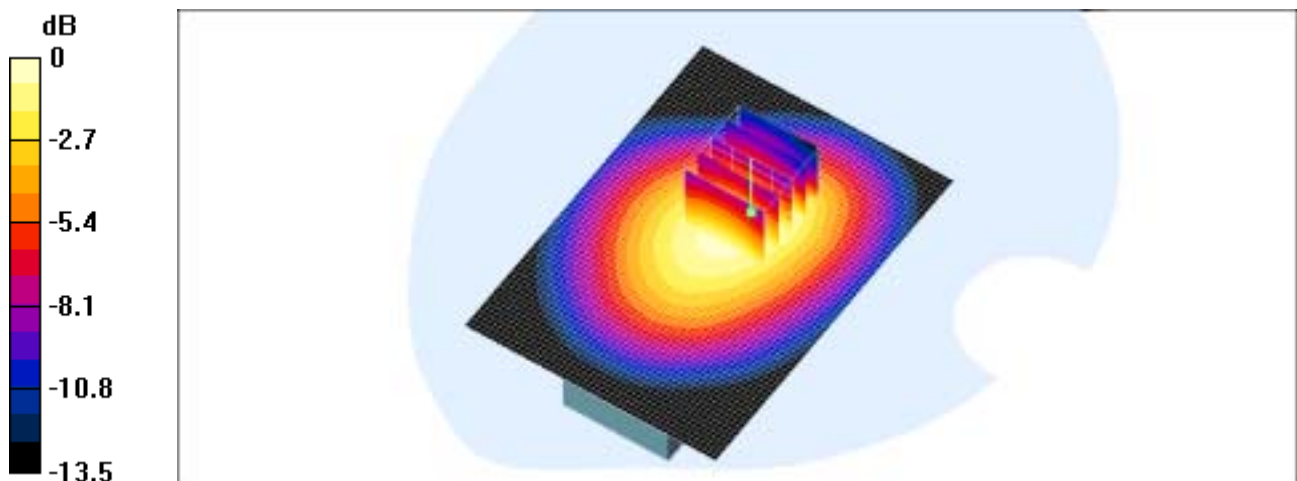
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 24.2 V/m ; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 1.03 mW/g

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.951 mW/g



0 dB = 1.03 mW/g

SAMSUNG FCC ID : A3LSGHC207L -- 1900MHz GSM1900 Body SAR

DUT: SGH-C207L; Serial: FB-041-D

Program Name: SGH-C207L GSM1900 Body (Job No.: FB-041)

Procedure Name: Body, Ch.0512, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.9; Test Date-14/Jul/2004 [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; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ 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 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Body, Ch.0512, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

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

Reference Value = 10.5 V/m; Power Drift = 0.0 dB

Maximum value of SAR (interpolated) = 0.220 mW/g

Body, Ch.0512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 10.5 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.199 mW/g

Peak SAR (extrapolated) = 0.257 W/kg

SAR(1 g) = 0.187 mW/g

Body, Ch.0512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 1:

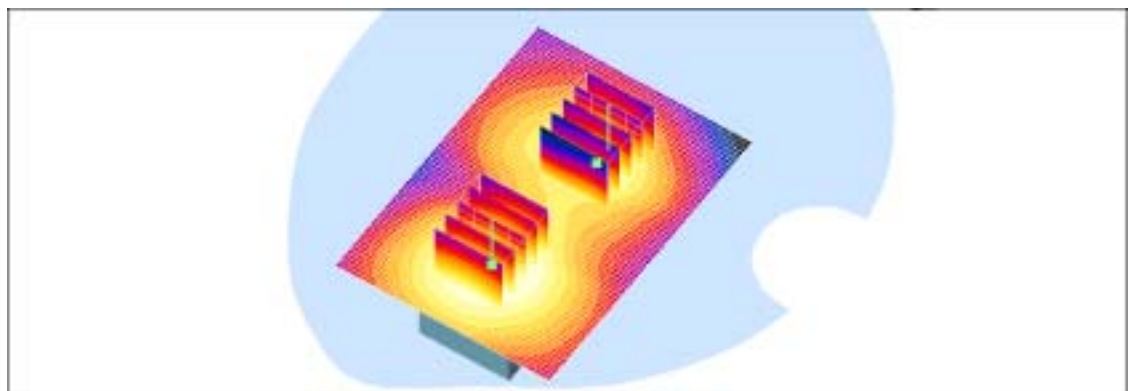
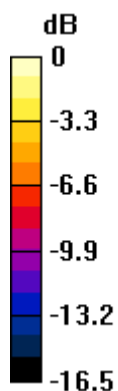
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.168 mW/g

Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.159 mW/g



0 dB = 0.168mW/g

DUT: SGH-C207L; Serial: FB-041-D

Program Name: SGH-C207L GPRS1900 Body (Job No.: FB-041)

Procedure Name: Body, Ch.0512, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.9; Test Date-14/Jul/2004 [OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ 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 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Body, Ch.0512, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

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

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

Maximum value of SAR (interpolated) = 0.432 mW/g

Body, Ch.0512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

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

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

Maximum value of SAR (measured) = 0.403 mW/g

Peak SAR (extrapolated) = 0.534 W/kg

SAR(1 g) = 0.373 mW/g

Body, Ch.0512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 1:

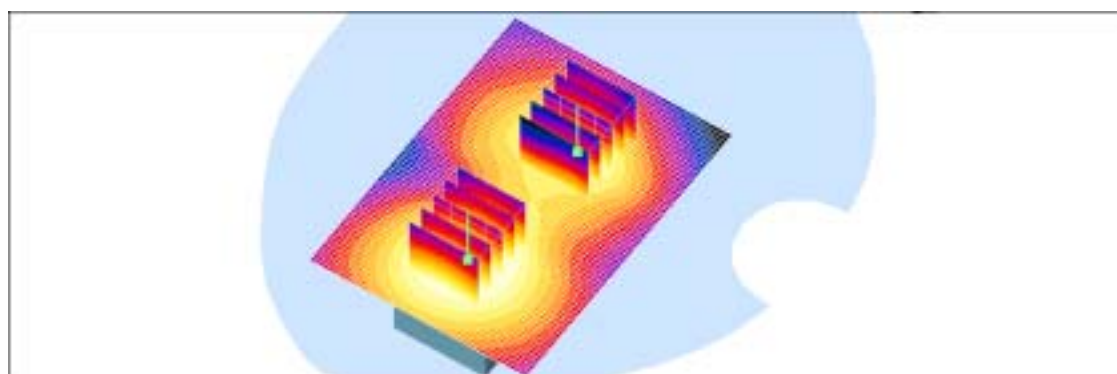
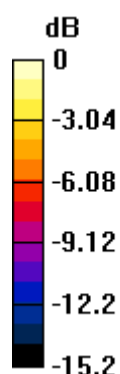
Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Maximum value of SAR (measured) = 0.328 mW/g

Peak SAR (extrapolated) = 0.458 W/kg

SAR(1 g) = 0.312 mW/g



0 dB = 0.328mW/g

SAMSUNG FCC ID : A3LSGHC207L -- 835 MHz GSM850 Head SAR

DUT: SGH-C207L; Serial: FB-041-D

Program Name: SGH-C207L GSM850 Right (Job No.: FB-041)

Procedure Name: Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.7; Test Date-15/July/2004 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³

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 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

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

Reference Value = 23.2 V/m; Power Drift = -0.1 dB

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

Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

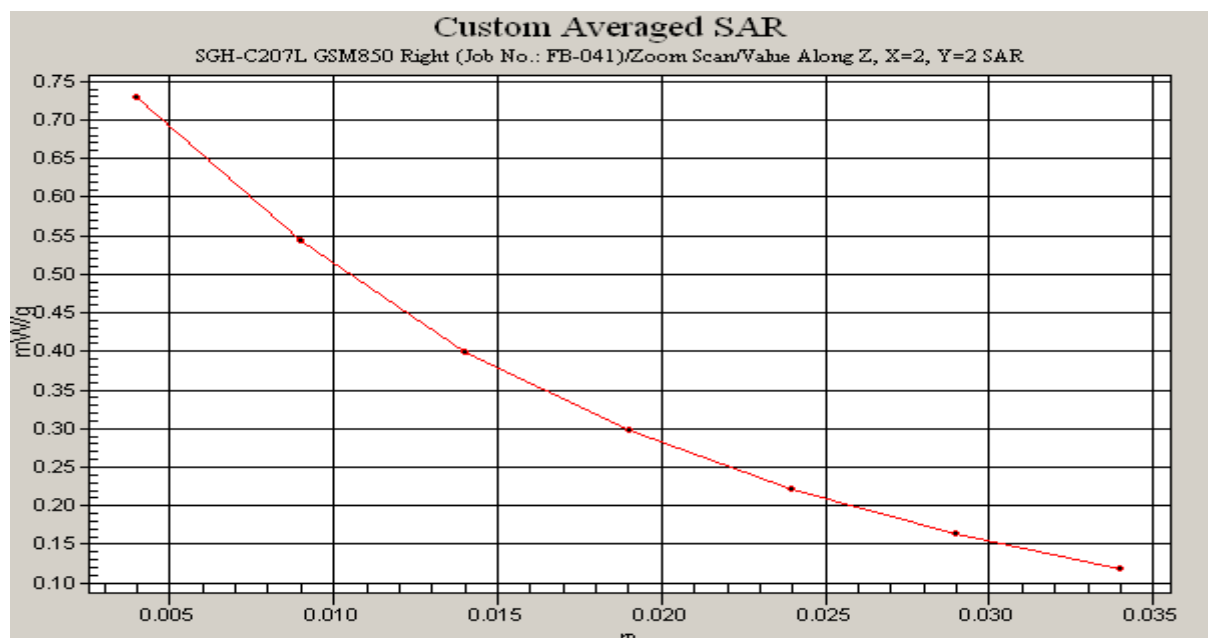
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.2 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.728 mW/g

Peak SAR (extrapolated) = 0.922 W/kg

SAR(1 g) = 0.691 mW/g



DUT: SGH-C207L; Serial: FB-041-D

Program Name: SGH-C207L GSM1900 Right (Job No.: FB-041)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.4; Test Date-14/July/2004 [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; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ 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 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

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

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

Reference Value = 11.1 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 0.286 mW/g

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = -0.0 dB

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

Peak SAR (extrapolated) = 0.399 W/kg

SAR(1 g) = 0.279 mW/g

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan

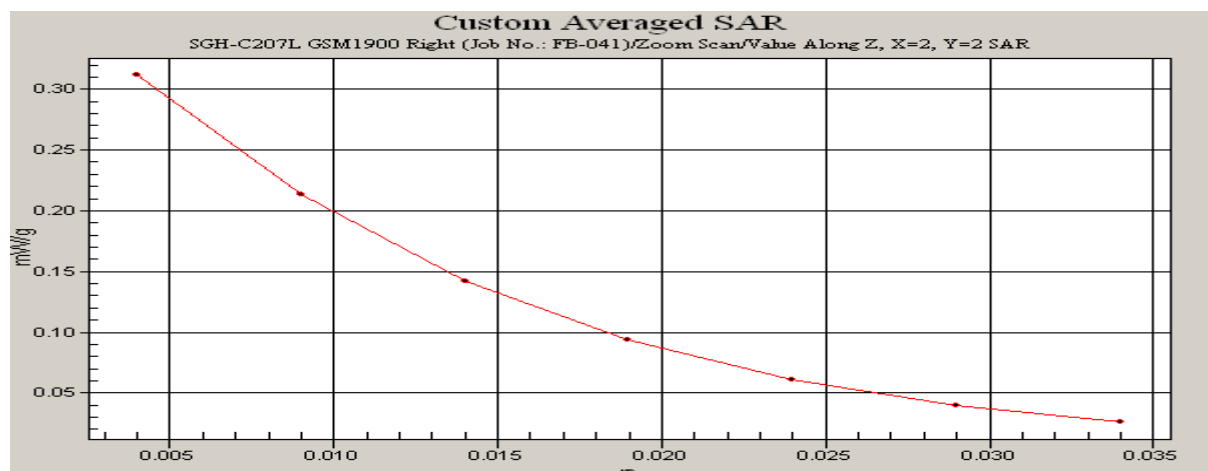
(5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.181 mW/g

Peak SAR (extrapolated) = 0.242 W/kg

SAR(1 g) = 0.168 mW/g



SAMSUNG FCC ID : A3LSGHC207L -- 835MHz GPRS850 Body SAR

DUT: SGH-C207L; Serial: FB-041-D

Program Name: SGH-C207L GPRS850 Body (Job No.: FB-041)

Procedure Name: Body, Ch.0251, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.3; Test Date-15/Jul/2004 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 850 (GPRS); Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.34, 6.34, 6.34); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Body, Ch.0251, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

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

Reference Value = 24.2 V/m ; Power Drift = -0.1 dB

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

Body, Ch.0251, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

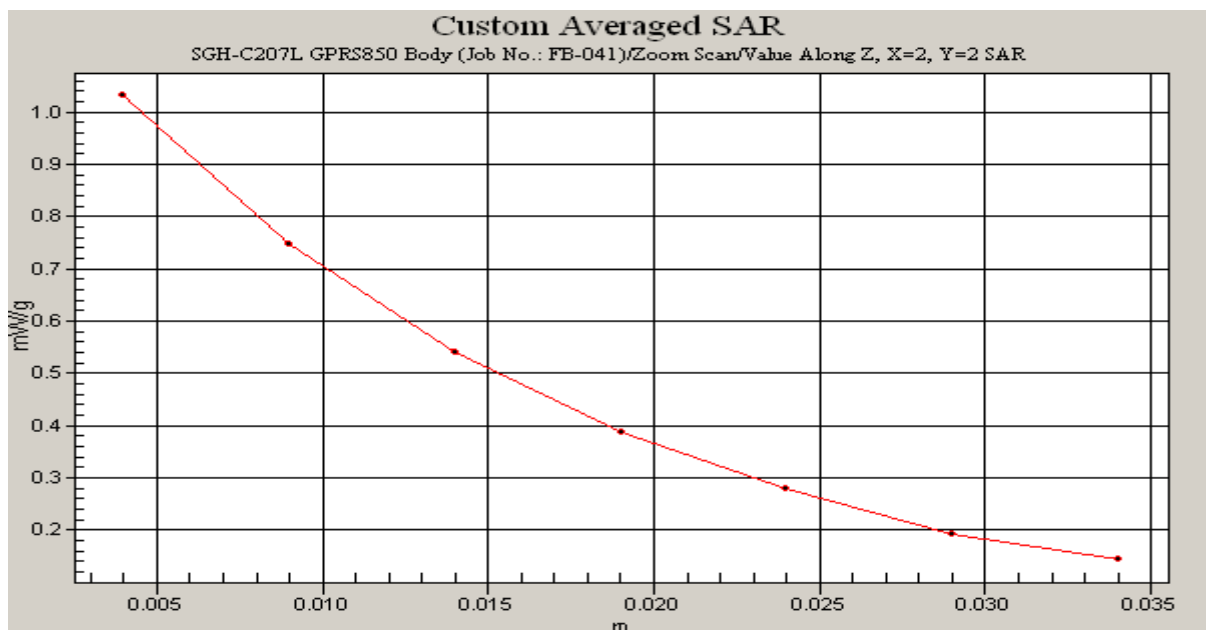
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 24.2 V/m ; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 1.03 mW/g

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.951 mW/g



SAMSUNG FCC ID : A3LSGHC207L -- 1900MHz GPRS1900 Body SAR

DUT: SGH-C207L; Serial: FB-041-D

Program Name: SGH-C207L GPRS1900 Body (Job No.: FB-041)

Procedure Name: Body, Ch.0512, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.9; Test Date-14/Jul/2004 [OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ 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 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Body, Ch.0512, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

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

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

Maximum value of SAR (interpolated) = 0.432 mW/g

Body, Ch.0512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

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

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

Maximum value of SAR (measured) = 0.403 mW/g

Peak SAR (extrapolated) = 0.534 W/kg

SAR(1 g) = 0.373 mW/g

Body, Ch.0512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 1:

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

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

Maximum value of SAR (measured) = 0.328 mW/g

Peak SAR (extrapolated) = 0.458 W/kg

SAR(1 g) = 0.312 mW/g

