

SAMSUNG FCC ID : A3LSGHC207 -- 835MHz GSM850 Head SAR

DUT: SGH-C207; Serial: FB-037-B

Program Name: SGH-C207 GSM850 Right (Job No.: FB-037)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.1; Test Date-29/Jun/2004 [OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.88 \text{ mho/m}$; $\epsilon_r = 41.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(6.55, 6.55, 6.55); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- 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 = 28 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 1.09 mW/g

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

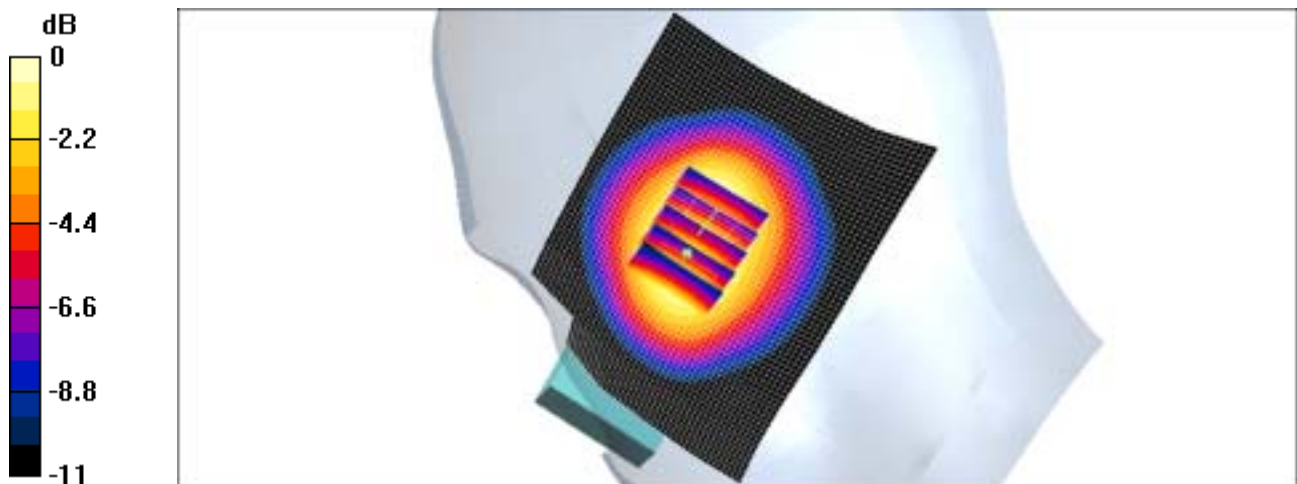
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 28 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.993 mW/g

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.937 mW/g



0 dB = 0.993mW/g

SAMSUNG FCC ID : A3LSGHC207 -- 835MHz GSM850 Head SAR

DUT: SGH-C207; Serial: FB-037-B

Program Name: SGH-C207 GSM850 Right (Job No.: FB-037)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.2; Test Date-29/Jun/2004 [OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.88 \text{ mho/m}$; $\epsilon_r = 41.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(6.55, 6.55, 6.55); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- 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 = 23 V/m; Power Drift = 0.1 dB

Maximum value of SAR (interpolated) = 0.537 mW/g

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

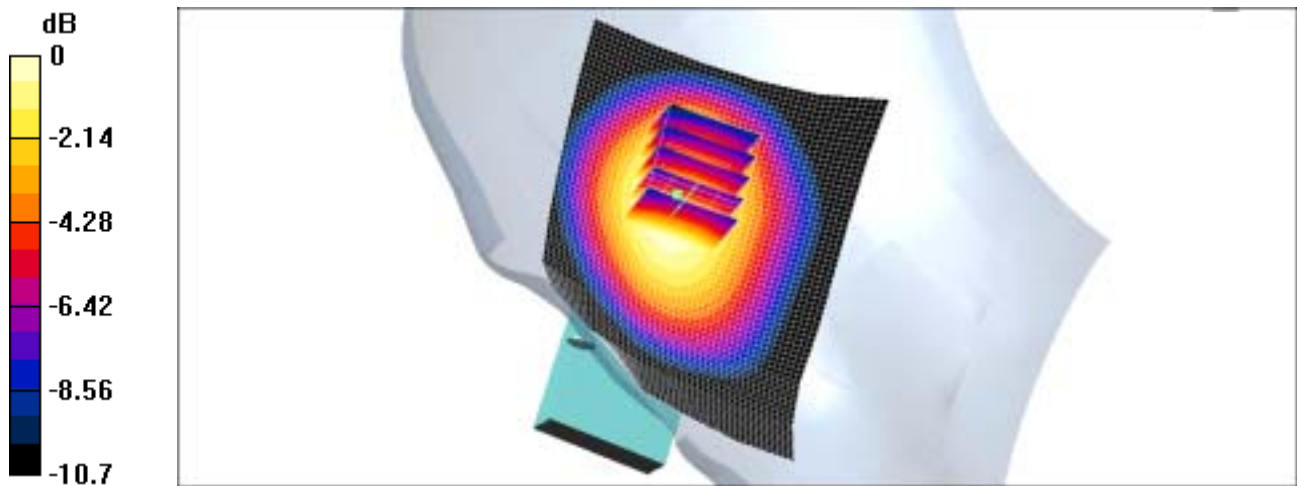
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

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

Maximum value of SAR (measured) = 0.497 mW/g

Peak SAR (extrapolated) = 0.618 W/kg

SAR(1 g) = 0.472 mW/g



0 dB = 0.497mW/g

SAMSUNG FCC ID : A3LSGHC207 -- 835MHz GSM850 Head SAR

DUT: SGH-C207; Serial: FB-037-B

Program Name: SGH-C207 GSM850 Left (Job No.: FB-037)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.1; Test Date-29/Jun/2004 [OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.88 \text{ mho/m}$; $\epsilon_r = 41.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(6.55, 6.55, 6.55); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- 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 = 25.9 V/m ; Power Drift = -0.002 dB

Maximum value of SAR (interpolated) = 0.930 mW/g

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

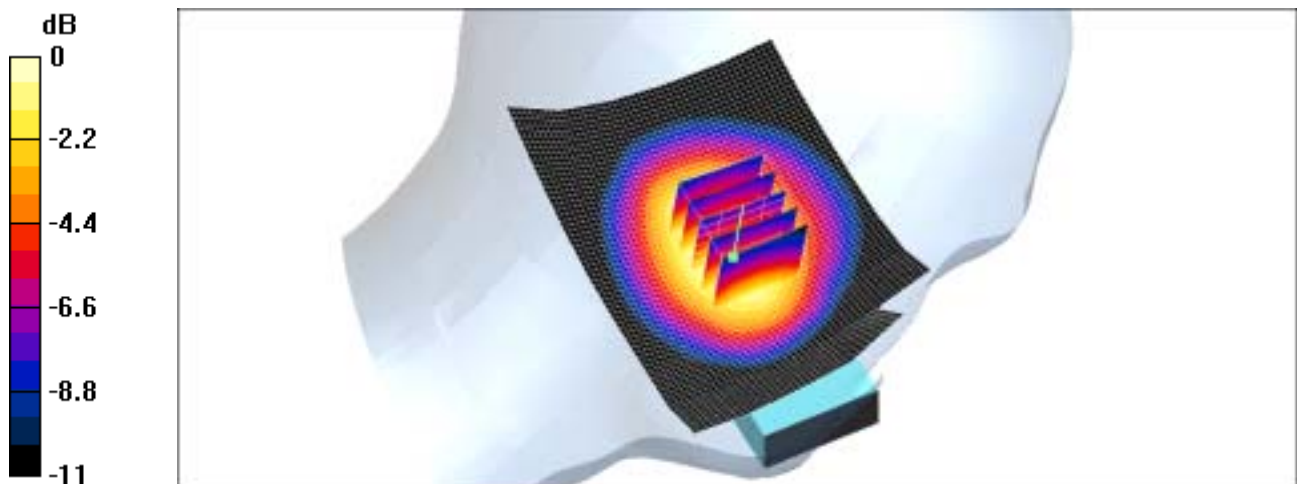
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.9 V/m ; Power Drift = -0.002 dB

Maximum value of SAR (measured) = 0.870 mW/g

Peak SAR (extrapolated) = 1.1 W/kg

SAR(1 g) = 0.821 mW/g



0 dB = 0.870 mW/g

SAMSUNG FCC ID : A3LSGHC207 -- 835MHz GSM850 Head SAR

DUT: SGH-C207; Serial: FB-037-B

Program Name: SGH-C207 GSM850 Left (Job No.: FB-037)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.1; Test Date-29/Jun/2004 [OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.88 \text{ mho/m}$; $\epsilon_r = 41.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(6.55, 6.55, 6.55); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- 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 = 22.4 V/m ; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.488 mW/g

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

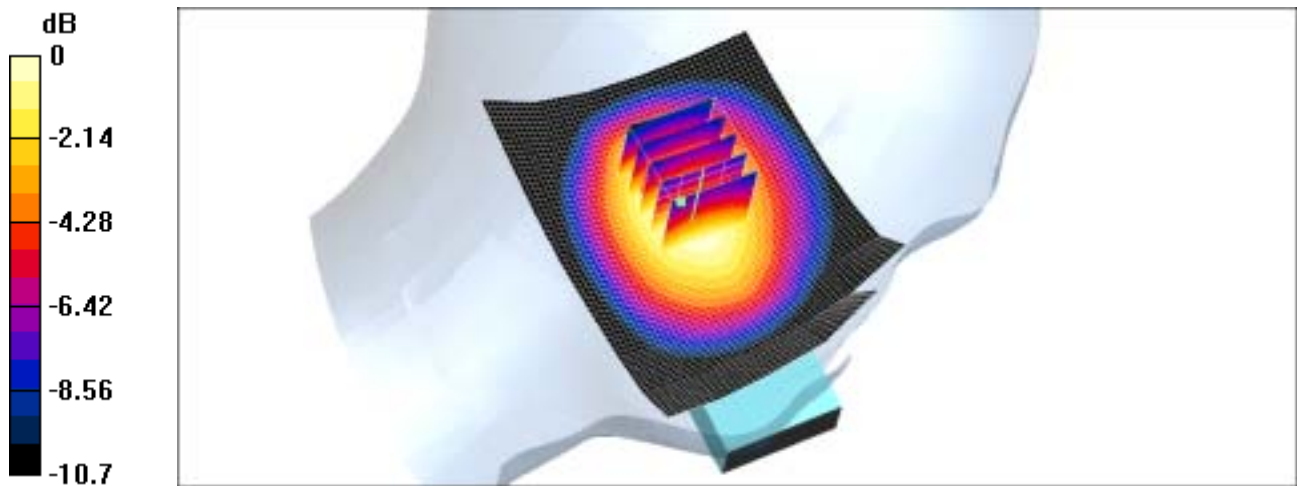
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.4 V/m ; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.454 mW/g

Peak SAR (extrapolated) = 0.562 W/kg

SAR(1 g) = 0.425 mW/g



0 dB = 0.454 mW/g

DUT: SGH-C207; Serial: FB-037-B

Program Name: SGH-C207 GSM1900 Right (Job No.: FB-037)

Procedure Name: Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.2; Test Date-29/Jun/2004 [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; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(5.28, 5.28, 5.28); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- 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.661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

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

Reference Value = 10.9 V/m; Power Drift = -0.0 dB

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

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan

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

Reference Value = 10.9 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.270 mW/g

Peak SAR (extrapolated) = 0.358 W/kg

SAR(1 g) = 0.255 mW/g

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan

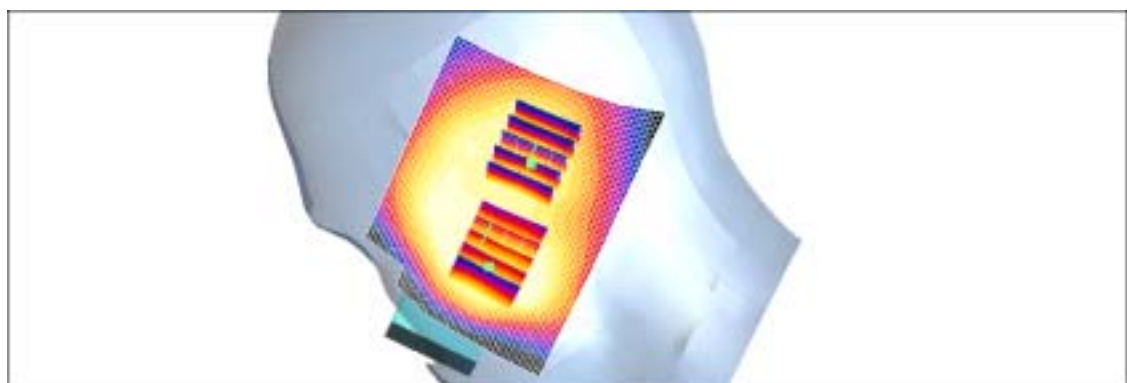
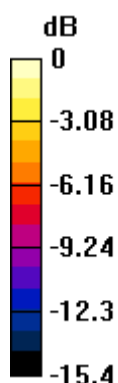
(5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.9 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.171 mW/g

Peak SAR (extrapolated) = 0.242 W/kg

SAR(1 g) = 0.159 mW/g



0 dB = 0.171mW/g

DUT: SGH-C207; Serial: FB-037-B

Program Name: SGH-C207 GSM1900 Right (Job No.: FB-037)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.2; Test Date-29/Jun/2004 [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; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(5.28, 5.28, 5.28); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- 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.661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

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

Reference Value = 10.3 V/m; Power Drift = 0.008 dB

Maximum value of SAR (interpolated) = 0.247 mW/g

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 10.3 V/m; Power Drift = 0.008 dB

Maximum value of SAR (measured) = 0.250 mW/g

Peak SAR (extrapolated) = 0.326 W/kg

SAR(1 g) = 0.235 mW/g

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 1:

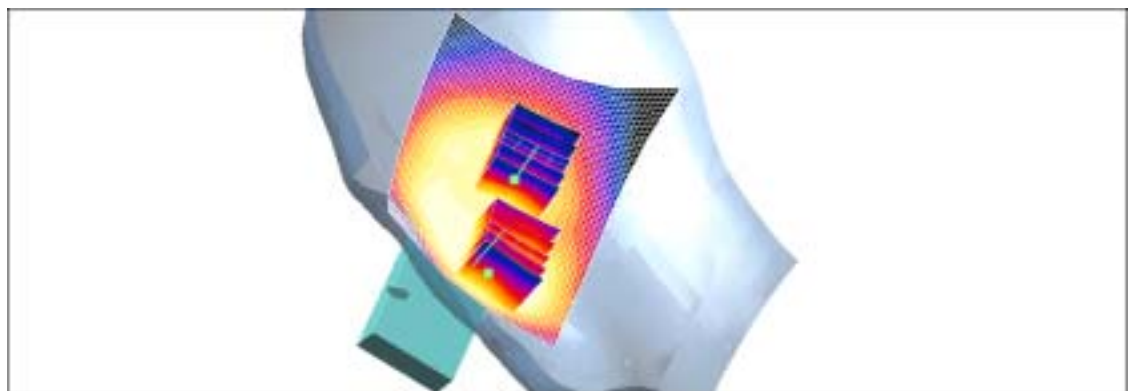
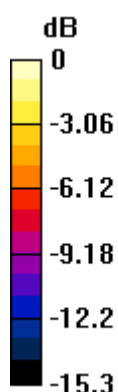
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = 0.008 dB

Maximum value of SAR (measured) = 0.155 mW/g

Peak SAR (extrapolated) = 0.225 W/kg

SAR(1 g) = 0.145 mW/g



0 dB = 0.155mW/g

DUT: SGH-C207; Serial: FB-037-B

Program Name: SGH-C207 GSM1900 Left (Job No.: FB-037)

Procedure Name: Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.2; Test Date-29/Jun/2004 [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; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(5.28, 5.28, 5.28); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- 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.661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

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

Reference Value = 10.1 V/m; Power Drift = 0.0 dB

Maximum value of SAR (interpolated) = 0.259 mW/g

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan

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

Reference Value = 10.1 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.243 mW/g

Peak SAR (extrapolated) = 0.331 W/kg

SAR(1 g) = 0.236 mW/g

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan

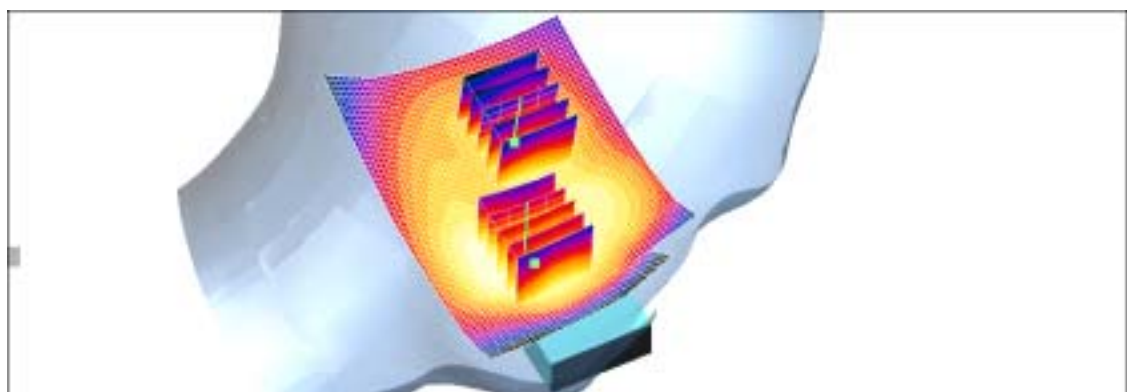
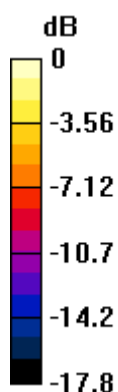
(5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.203 mW/g

Peak SAR (extrapolated) = 0.307 W/kg

SAR(1 g) = 0.190 mW/g



0 dB = 0.203mW/g

SAMSUNG FCC ID : A3LSGHC207 -- 1900MHz GSM1900 Head SAR

DUT: SGH-C207; Serial: FB-037-B

Program Name: SGH-C207 GSM1900 Left (Job No.: FB-037)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.2; Test Date-29/Jun/2004 [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; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(5.28, 5.28, 5.28); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- 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.661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

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

Reference Value = 11 V/m; Power Drift = 0.0 dB

Maximum value of SAR (interpolated) = 0.272 mW/g

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

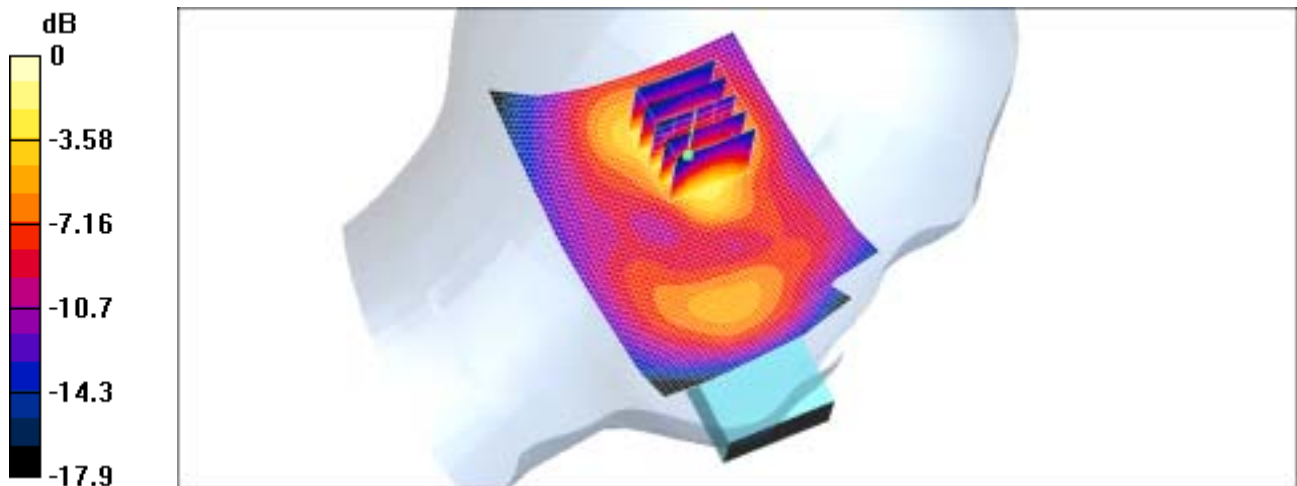
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.259 mW/g

Peak SAR (extrapolated) = 0.417 W/kg

SAR(1 g) = 0.245 mW/g



0 dB = 0.259mW/g

SAMSUNG FCC ID : A3LSGHC207 -- 835MHz GSM850 Body SAR

DUT: SGH-C207; Serial: FB-037-B

Program Name: SGH-C207 GSM850 Body (Job No.: FB-037)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.0; Test Date-30/Jun/2004 [OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(6.66, 6.66, 6.66); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- 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 = 18.7 V/m ; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 0.807 mW/g

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

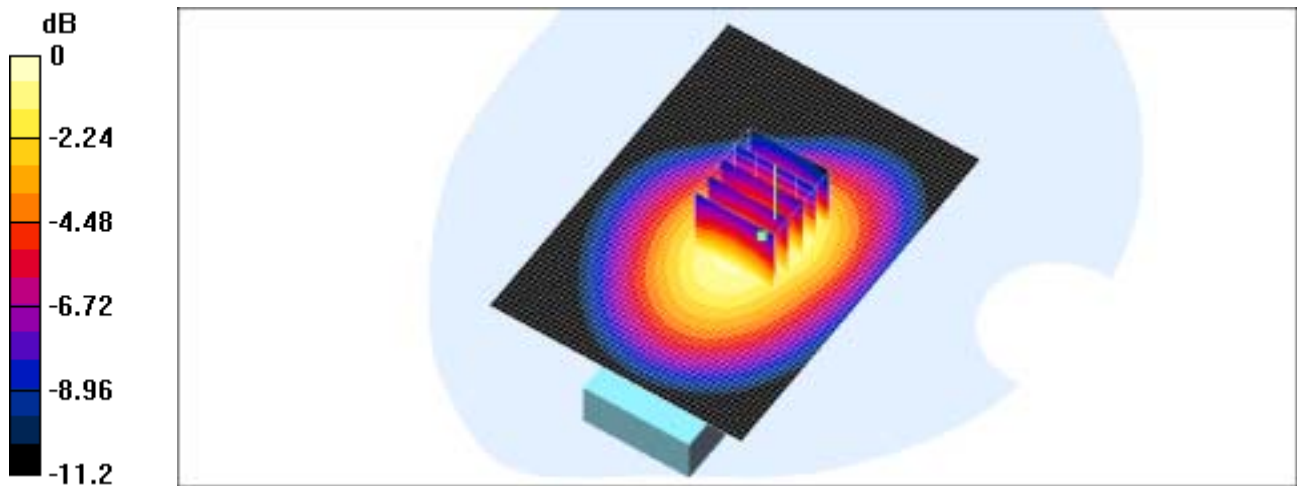
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.7 V/m ; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.731 mW/g

Peak SAR (extrapolated) = 0.967 W/kg

SAR(1 g) = 0.696 mW/g



0 dB = 0.731 mW/g

SAMSUNG FCC ID : A3LSGHC207 -- 835MHz GPRS850 Body SAR

DUT: SGH-C207; Serial: FB-037-B

Program Name: SGH-C207 GPRS850 Mode Body (Job No.: FB-037)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.0; Test Date-30/Jun/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: $f = 848.8 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(6.66, 6.66, 6.66); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- 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 = 22.9 V/m ; Power Drift = -0.2 dB

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

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

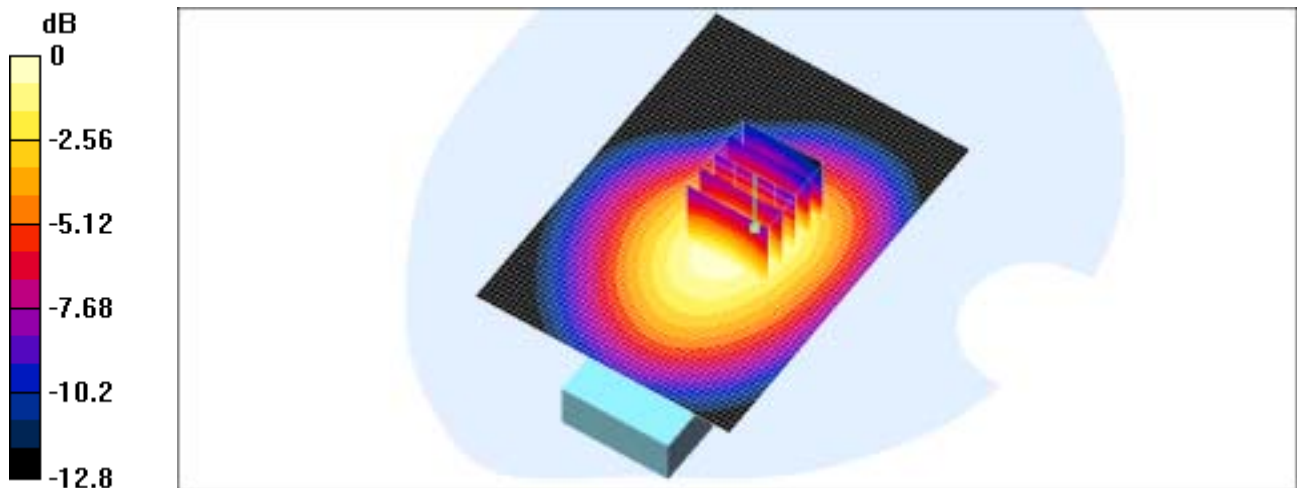
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.9 V/m ; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 1.07 mW/g

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.994 mW/g



0 dB = 1.07 mW/g

SAMSUNG FCC ID : A3LSGHC207 -- 1900MHz GSM1900 Body SAR

DUT: SGH-C207; Serial: FB-037-B

Program Name: SGH-C207 GSM1900 Body (Job No.: FB-037)

Procedure Name: Body, Ch.0810, Ant.Intenna, Bat.Standard

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

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

Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(4.69, 4.69, 4.69); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- 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.0810, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

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

Reference Value = 11.1 V/m ; Power Drift = 0.1 dB

Maximum value of SAR (interpolated) = 0.324 mW/g

Body, Ch.0810, 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 = 11.1 V/m ; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.307 mW/g

Peak SAR (extrapolated) = 0.427 W/kg

SAR(1 g) = 0.287 mW/g

Body, Ch.0810, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 1:

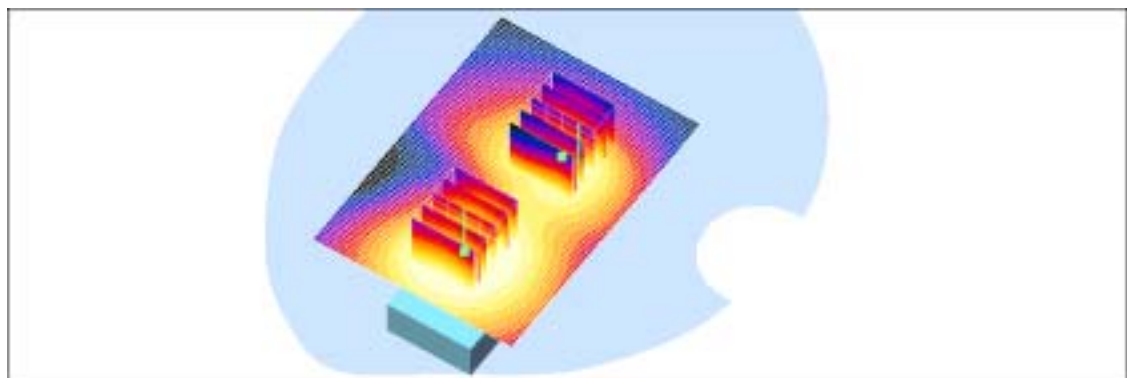
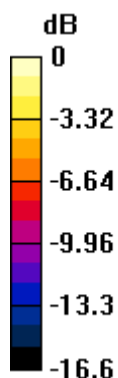
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.1 V/m ; Power Drift = 0.1 dB

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

Peak SAR (extrapolated) = 0.297 W/kg

SAR(1 g) = 0.194 mW/g



0 dB = 0.211 mW/g

SAMSUNG FCC ID : A3LSGHC207 -- 1900MHz GPRS1900 Body SAR

DUT: SGH-C207; Serial: FB-037-B

Program Name: SGH-C207 GPRS1900 Body(Job No.: FB-037)

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

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

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

Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(4.69, 4.69, 4.69); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- 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.810, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Reference Value = 15.6 V/m ; Power Drift = 0.0 dB

Maximum value of SAR (interpolated) = 0.620 mW/g

Body, Ch.810, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

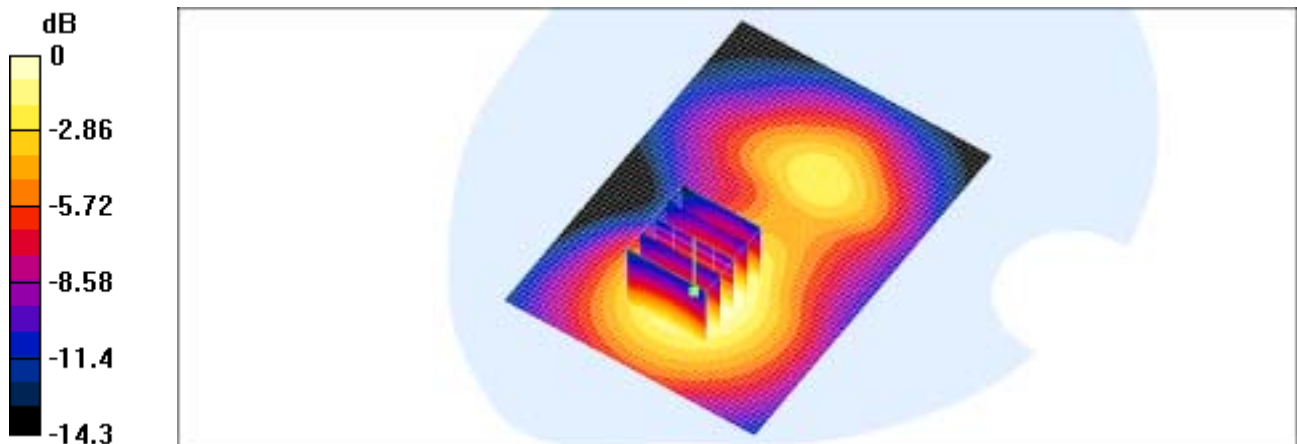
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.6 V/m ; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.572 mW/g

Peak SAR (extrapolated) = 0.798 W/kg

SAR(1 g) = 0.544 mW/g



0 dB = 0.572 mW/g

SAMSUNG FCC ID : A3LSGHC207 -- 835MHz GSM850 Head SAR

DUT: SGH-C207; Serial: FB-037-B

Program Name: SGH-C207 GSM850 Right (Job No.: FB-037)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.1; Test Date-29/Jun/2004 [OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.88 \text{ mho/m}$; $\epsilon_r = 41.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(6.55, 6.55, 6.55); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- 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 = 28 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 1.09 mW/g

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

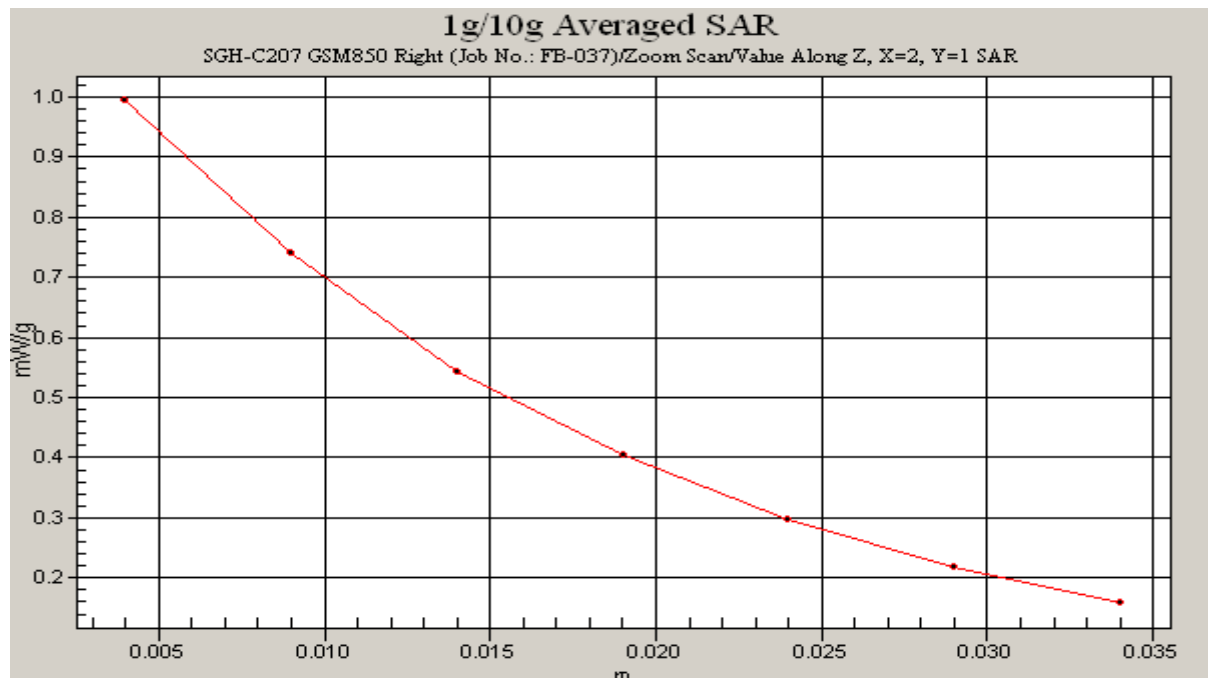
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 28 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.993 mW/g

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.937 mW/g



DUT: SGH-C207; Serial: FB-037-B

Program Name: SGH-C207 GSM1900 Right (Job No.: FB-037)

Procedure Name: Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.2; Test Date-29/Jun/2004 [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; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(5.28, 5.28, 5.28); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- 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.661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

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

Reference Value = 10.9 V/m; Power Drift = -0.0 dB

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

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan

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

Reference Value = 10.9 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.270 mW/g

Peak SAR (extrapolated) = 0.358 W/kg

SAR(1 g) = 0.255 mW/g

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan

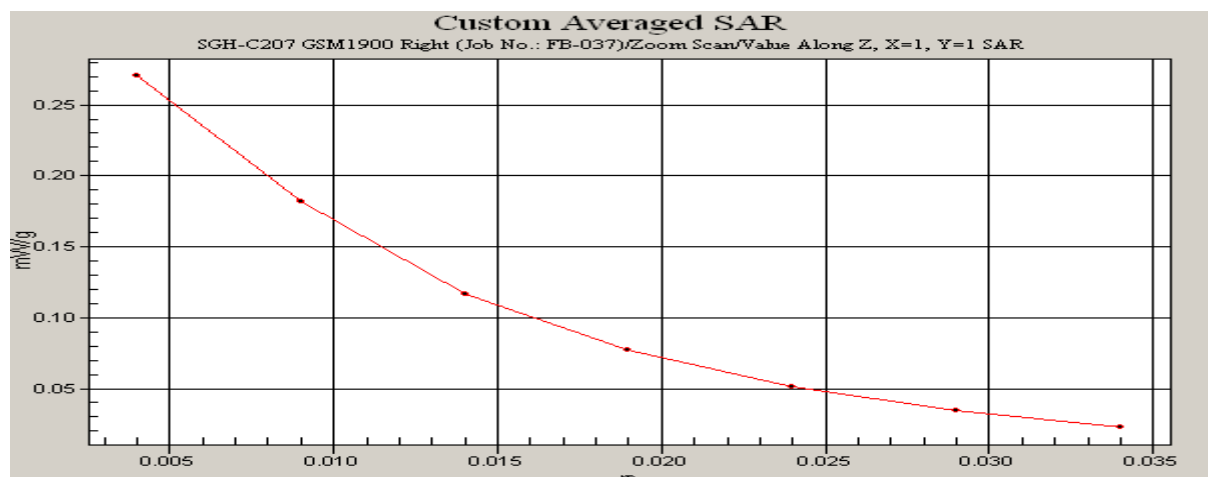
(5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.9 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.171 mW/g

Peak SAR (extrapolated) = 0.242 W/kg

SAR(1 g) = 0.159 mW/g



SAMSUNG FCC ID : A3LSGHC207 -- 835MHz GPRS850 Body SAR

DUT: SGH-C207; Serial: FB-037-B

Program Name: SGH-C207 GPRS850 Mode Body (Job No.: FB-037)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.0; Test Date-30/Jun/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: $f = 848.8 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(6.66, 6.66, 6.66); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- 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 = 22.9 V/m ; Power Drift = -0.2 dB

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

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

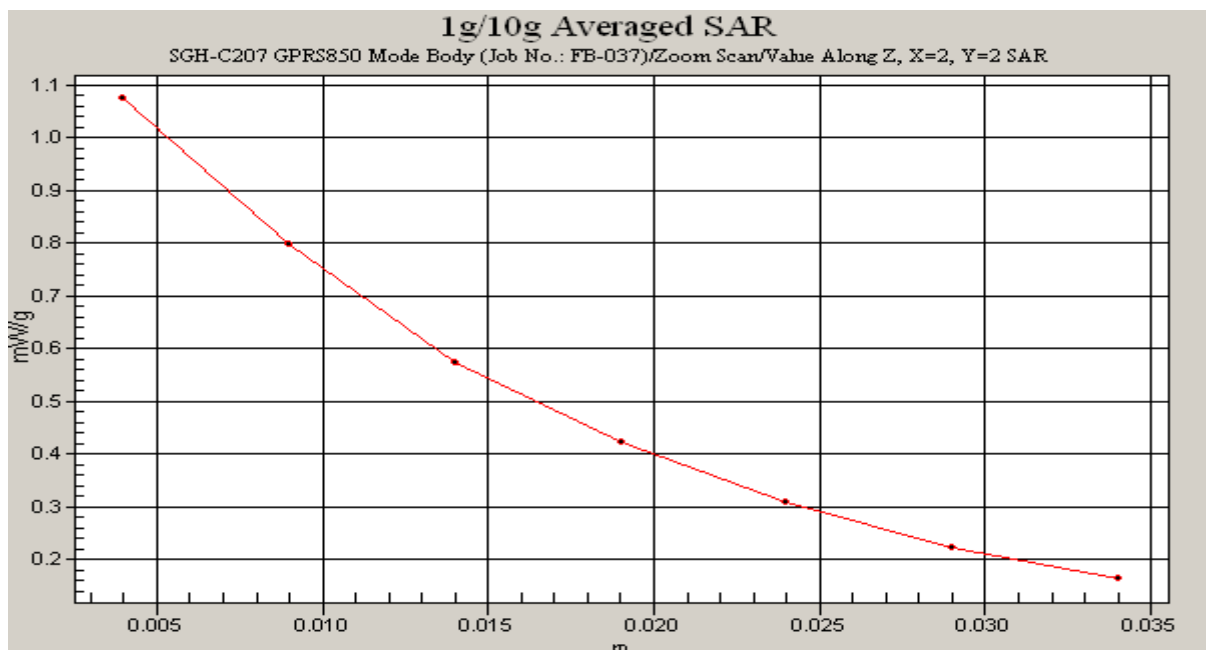
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.9 V/m ; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 1.07 mW/g

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.994 mW/g



SAMSUNG FCC ID : A3LSGHC207 -- 1900MHz GPRS1900 Body SAR

DUT: SGH-C207; Serial: FB-037-B

Program Name: SGH-C207 GPRS1900 Body(Job No.: FB-037)

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

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

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

Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(4.69, 4.69, 4.69); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- 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.810, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Reference Value = 15.6 V/m ; Power Drift = 0.0 dB

Maximum value of SAR (interpolated) = 0.620 mW/g

Body, Ch.810, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 15.6 V/m ; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.572 mW/g

Peak SAR (extrapolated) = 0.798 W/kg

SAR(1 g) = 0.544 mW/g

