

SAMSUNG FCC ID : A3LSGHD807 835MHz GSM850 Head SAR

DUT: SGH-D807(Down); Serial: FD-004 -B

Program Name: SGH-D807 GSM850 Right (Slide Down, Job No. : FD-004)

Procedure Name: Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.0, Tissue Temp(celsius)-21.2; Test Date-16/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.75, 5.75, 5.75); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 18.7 V/m; Power Drift = -0.168 dB

Peak SAR (extrapolated) = 0.692 W/kg

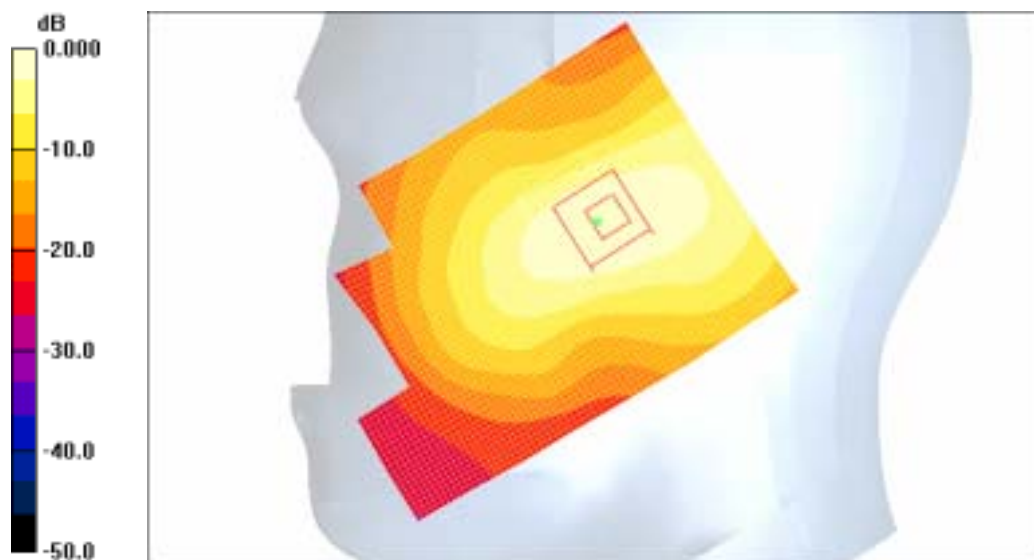
SAR(1 g) = 0.516 mW/g

Maximum value of SAR (measured) = 0.541 mW/g

Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement

grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.644 mW/g



0 dB = 0.644mW/g

SAMSUNG FCC ID : A3LSGHD807 835MHz GSM850 Head SAR

DUT: SGH-D807(Down); Serial: FD-004 - B

Program Name: SGH-D807 GSM850 Right (Slide Down, Job No. : FD-004)

Procedure Name: Ear/Tilt, Ch.190, Ant.Intenna, Bat.Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.0, Tissue Temp(celsius)-21.2; Test Date-16/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.75, 5.75, 5.75); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.190, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

$dx=20$ mm, $dy=20$ mm

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

Ear/Tilt, Ch.190, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement

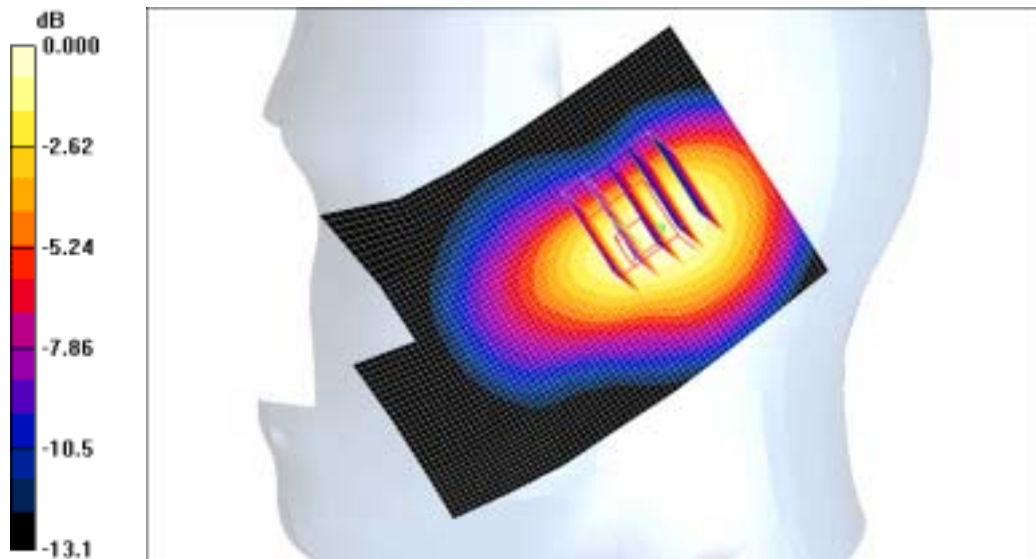
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.0 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 0.355 W/kg

SAR(1 g) = 0.249 mW/g

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



0 dB = 0.270mW/g

SAMSUNG FCC ID : A3LSGHD807 835MHz GSM850 Head SAR

DUT: SGH-D807(Down); Serial: FD-004 -B

Program Name: SGH-D807 GSM850 Left, Slide Down (Job No. : FD-004)

Procedure Name: Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.0, Tissue Temp(celsius)-21.2; Test Date-16/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.75, 5.75, 5.75); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.556 mW/g

Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

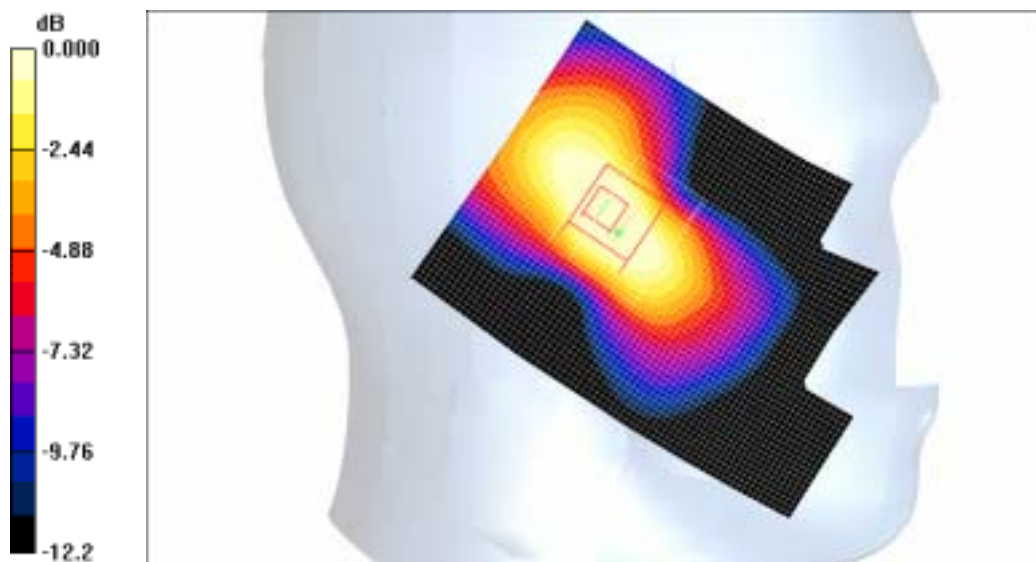
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.0 V/m; Power Drift = 0.148 dB

Peak SAR (extrapolated) = 0.660 W/kg

SAR(1 g) = 0.433 mW/g

Maximum value of SAR (measured) = 0.453 mW/g



0 dB = 0.453mW/g

SAMSUNG FCC ID : A3LSGHD807 835MHz GSM850 Head SAR

DUT: SGH-D807(Down); Serial: FD-004 -B

Program Name: SGH-D807 GSM850 Left, Slide Down (Job No. : FD-004)

Procedure Name: Ear/Tilt, Ch.190, Ant.Intenna, Bat.Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.0, Tissue Temp(celsius)-21.2; Test Date-16/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.75, 5.75, 5.75); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.190, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

$dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 0.303 mW/g

Ear/Tilt, Ch.190, Ant.Intenna, Bat.Standard/Zoom Scan 2 (5x5x7)/Cube 0: Measurement

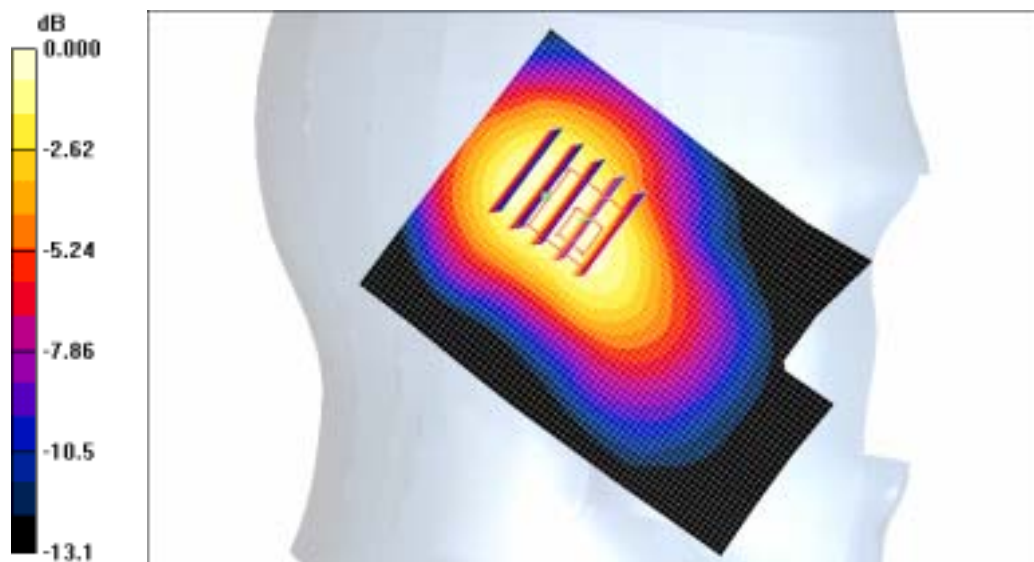
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.1 V/m; Power Drift = 0.054 dB

Peak SAR (extrapolated) = 0.466 W/kg

SAR(1 g) = 0.266 mW/g

Maximum value of SAR (measured) = 0.289 mW/g



0 dB = 0.277mW/g

SAMSUNG FCC ID : A3LSGHD807 835MHz GSM850 Head SAR

DUT: SGH-D807(Down); Serial: FD-004 -B

Program Name: SGH-D807 GSM850 Right (Slide Down, Job No. : FD-004)

Procedure Name: Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard With BT ON

Procedure Notes: Meas. Ambient Temp(celsius)-22.0, Tissue Temp(celsius)-21.2; Test Date-16/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.75, 5.75, 5.75); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard With BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 0.631 mW/g

Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard With BT ON/Zoom Scan (5x5x7)/Cube

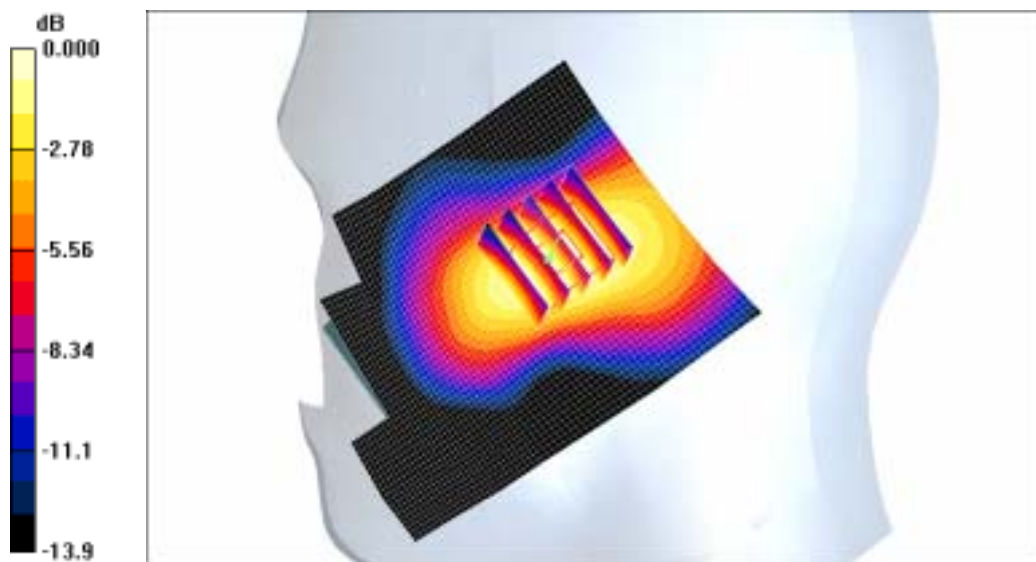
0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.8 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 0.693 W/kg

SAR(1 g) = 0.512 mW/g

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



0 dB = 0.537mW/g

SAMSUNG FCC ID : A3LSGHD807 835MHz GSM850 Body SAR

DUT: SGH-D807(Body); Serial: FD-004-B

Program Name: SGH-D807 GSM850 Body (Job No. : FD-004)

Procedure Name: Body, Ch.128, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Ambient Temp(celsius)-21.6; Tissue Temp(celsius)-21.5; Test Date-16/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 850 (GPRS); Frequency: 824.2 MHz;Duty Cycle: 1:4.15

Medium parameters used: $f = 824.2$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.82, 5.82, 5.82); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch.128, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 28.1 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 1.59 W/kg

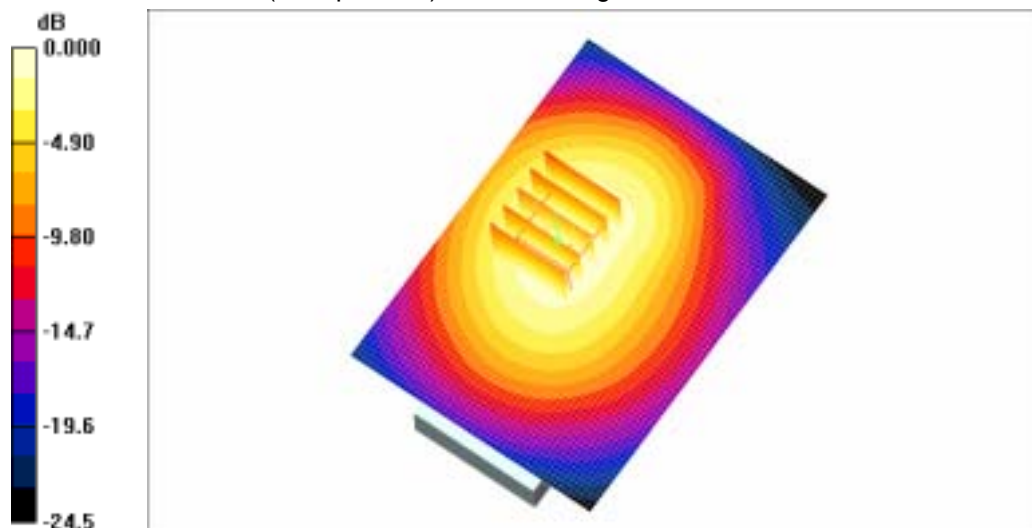
SAR(1 g) = 1.16 mW/g

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

Body, Ch.128, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

$dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 1.24 mW/g



0 dB = 1.24mW/g

SAMSUNG FCC ID : A3LSGHD807 835MHz GSM850 Body SAR

DUT: SGH-D807(Body); Serial: FD-004-B

Program Name: SGH-D807 GSM850 Body (Job No. : FD-004)

Procedure Name: Body, Ch.128, Ant.Intenna, Bat.Standard With BT ON

Procedure Notes: Meas.Ambient Temp(celsius)-21.6; Tissue Temp(celsius)-21.5; Test Date-16/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 850 (GPRS); Frequency: 824.2 MHz;Duty Cycle: 1:4.15
Medium parameters used: $f = 824.2$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.82, 5.82, 5.82); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch.128, Ant.Intenna, Bat.Standard With BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 1.24 mW/g

Body, Ch.128, Ant.Intenna, Bat.Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:

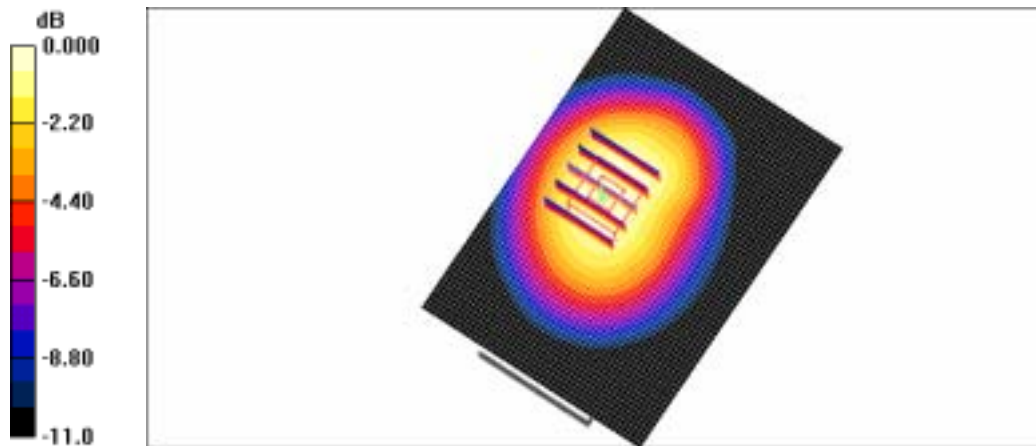
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.2 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 1.18 mW/g

Maximum value of SAR (measured) = 1.26 mW/g



0 dB = 1.26mW/g

SAMSUNG FCC ID : A3LSGHD807 1900MHz GSM1900 Head SAR

DUT: SGH-D807(Down); Serial: FD-004 -B

Program Name: SGH-D807 GSM1900 Right Slide Down (Job No. : FD-004)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.1, Tissue Temp(celsius)-22.0; Test Date-17/Jan/2006 [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; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.92, 4.92, 4.92); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

Maximum value of SAR (interpolated) = 0.655 mW/g

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

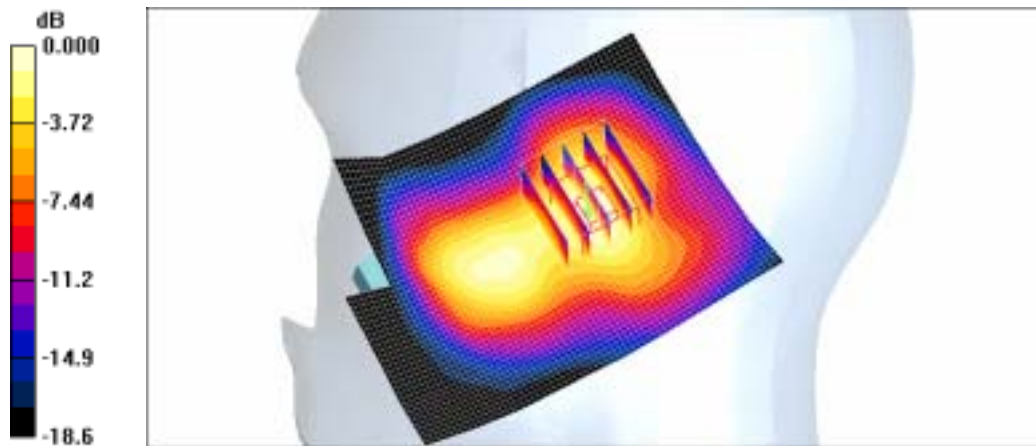
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.7 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 0.892 W/kg

SAR(1 g) = 0.617 mW/g

Maximum value of SAR (measured) = 0.664 mW/g



0 dB = 0.664mW/g

SAMSUNG FCC ID : A3LSGHD807 1900MHz GSM1900 Head SAR

DUT: SGH-D807(Down); Serial: FD-004 -B

Program Name: SGH-D807 GSM1900 Right Slide Down (Job No. : FD-004)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.1, Tissue Temp(celsius)-22.0; Test Date-17/Jan/2006 [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; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.92, 4.92, 4.92); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

Maximum value of SAR (interpolated) = 0.594 mW/g

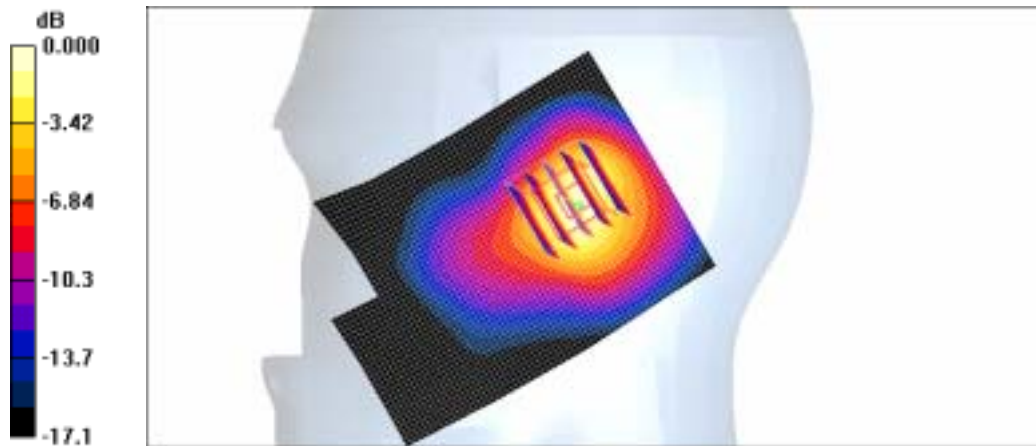
Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.5 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 0.842 W/kg

SAR(1 g) = 0.552 mW/g

Maximum value of SAR (measured) = 0.614 mW/g



0 dB = 0.614mW/g

SAMSUNG FCC ID : A3LSGHD807 1900MHz GSM1900 Head SAR

DUT: SGH-D807(Down); Serial: FD-004-B

Program Name: SGH-D807 GSM1900 Left Slide Down (Job No. : FD-004)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.1, Tissue Temp(celsius)-22.0; Test Date-17/Jan/2006 [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; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.92, 4.92, 4.92); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

Maximum value of SAR (interpolated) = 0.873 mW/g

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

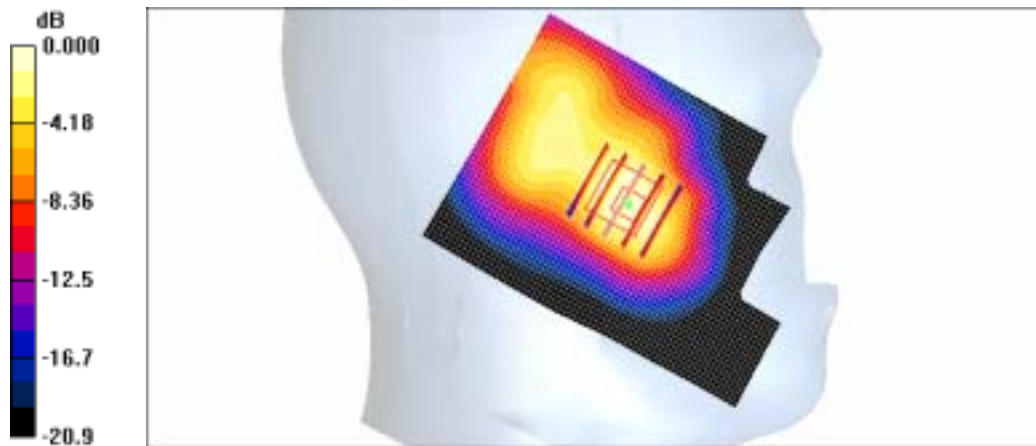
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.2 V/m; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.679 mW/g

Maximum value of SAR (measured) = 0.789 mW/g



0 dB = 0.789mW/g

SAMSUNG FCC ID : A3LSGHD807 1900MHz GSM1900 Head SAR

DUT: SGH-D807(Down); Serial: FD-004 -B

Program Name: SGH-D807 GSM1900 Left Slide Down (Job No. : FD-004)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.1, Tissue Temp(celsius)-22.0; Test Date-17/Jan/2006 [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; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.92, 4.92, 4.92); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

Reference Value = 20.2 V/m; Power Drift = 0.137 dB

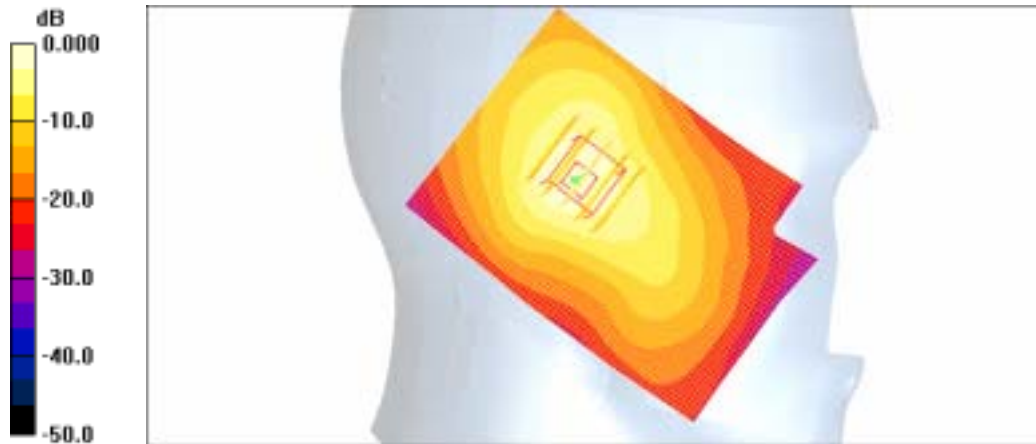
Peak SAR (extrapolated) = 0.975 W/kg

SAR(1 g) = 0.629 mW/g

Maximum value of SAR (measured) = 0.705 mW/g

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

Maximum value of SAR (interpolated) = 0.745 mW/g



0 dB = 0.745mW/g

SAMSUNG FCC ID : A3LSGHD807 1900MHz GSM1900 Head SAR

DUT: SGH-D807(Down); Serial: FD-004 -B

Program Name: SGH-D807 GSM1900 Left Slide Down (Job No. : FD-004)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.1, Tissue Temp(celsius)-22.0; Test Date-17/Jan/2006 [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; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.92, 4.92, 4.92); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard with BT ON/Zoom Scan (5x5x7)/Cube

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

Reference Value = 14.3 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 1.09 W/kg

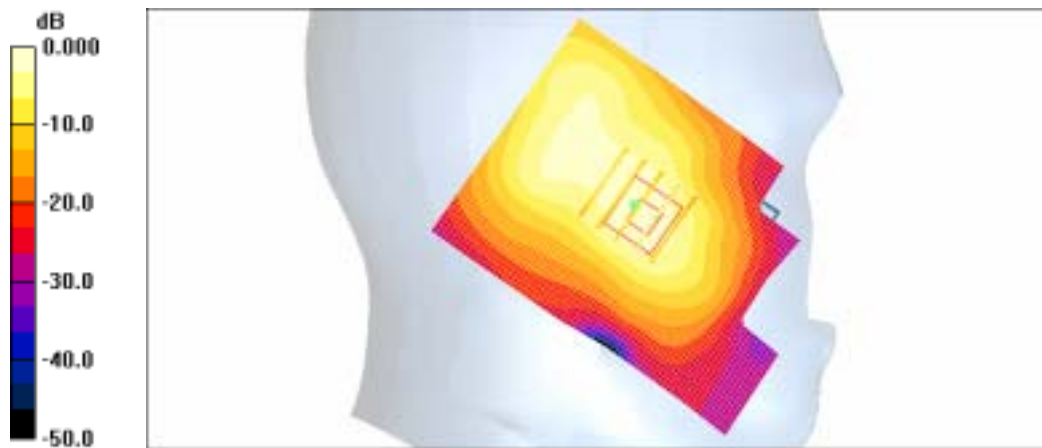
SAR(1 g) = 0.689 mW/g

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

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard with BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 0.816 mW/g



0 dB = 0.816mW/g

SAMSUNG FCC ID : A3LSGHD807 1900MHz GSM1900 Body SAR

DUT: SGH-D807(Body); Serial: FD-004-B

Program Name: SGH-D807 GSM1900 Body (Job No. : FD-004)

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

Procedure Notes: Meas.Ambient Temp(celsius)-22.2, Tissue Temp(celsius)-22.1; Test Date-17/Jan/2006 [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; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.92, 4.92, 4.92); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

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

Reference Value = 23.1 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 1.25 W/kg

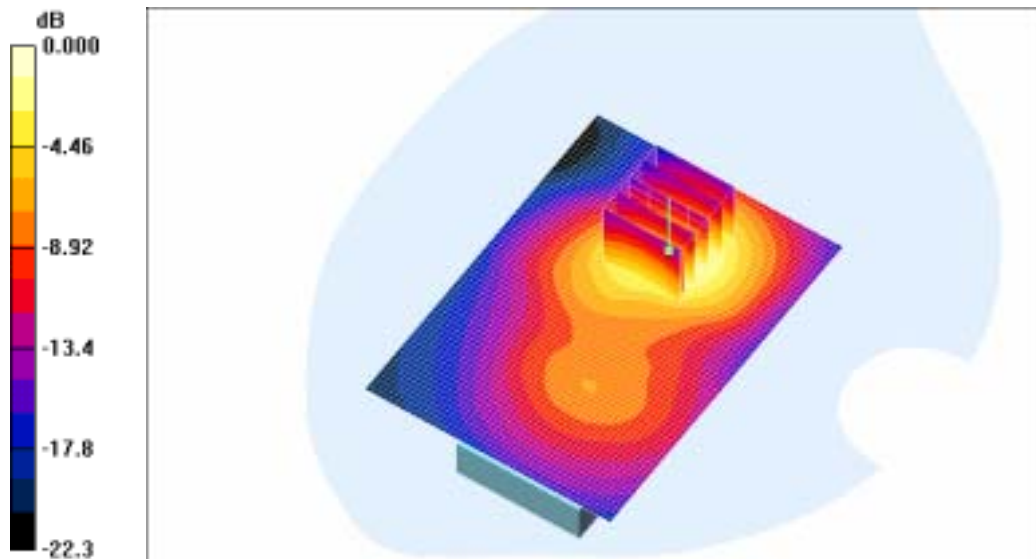
SAR(1 g) = 0.717 mW/g

Maximum value of SAR (measured) = 0.777 mW/g

Body, Ch.810, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

$dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 0.849 mW/g



0 dB = 0.849mW/g

SAMSUNG FCC ID : A3LSGHD807 1900MHz GSM1900 Body SAR

DUT: SGH-D807(Body); Serial: FD-004-B

Program Name: SGH-D807 GSM1900 Body (Job No. : FD-004)

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

Procedure Notes: Meas.Ambient Temp(celsius)-22.2, Tissue Temp(celsius)-22.1; Test Date-17/Jan/2006 [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; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.92, 4.92, 4.92); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch.810, Ant.Intenna, Bat.Standard With BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 0.849 mW/g

Body, Ch.810, Ant.Intenna, Bat.Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:

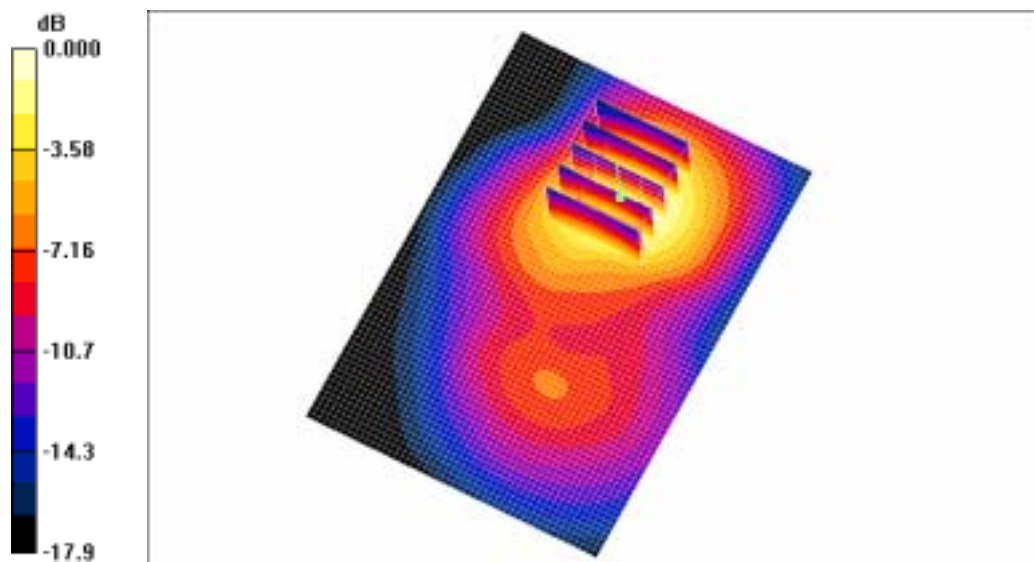
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.1 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.713 mW/g

Maximum value of SAR (measured) = 0.772 mW/g



0 dB = 0.772mW/g

SAMSUNG FCC ID : A3LSGHD807 835MHz GSM850 Head SAR

DUT: SGH-D807(Down); Serial: FD-004 -B

Program Name: SGH-D807 GSM850 Right (Slide Down, Job No. : FD-004)

Procedure Name: Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.0, Tissue Temp(celsius)-21.2; Test Date-16/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.75, 5.75, 5.75); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 18.7 V/m; Power Drift = -0.168 dB

Peak SAR (extrapolated) = 0.692 W/kg

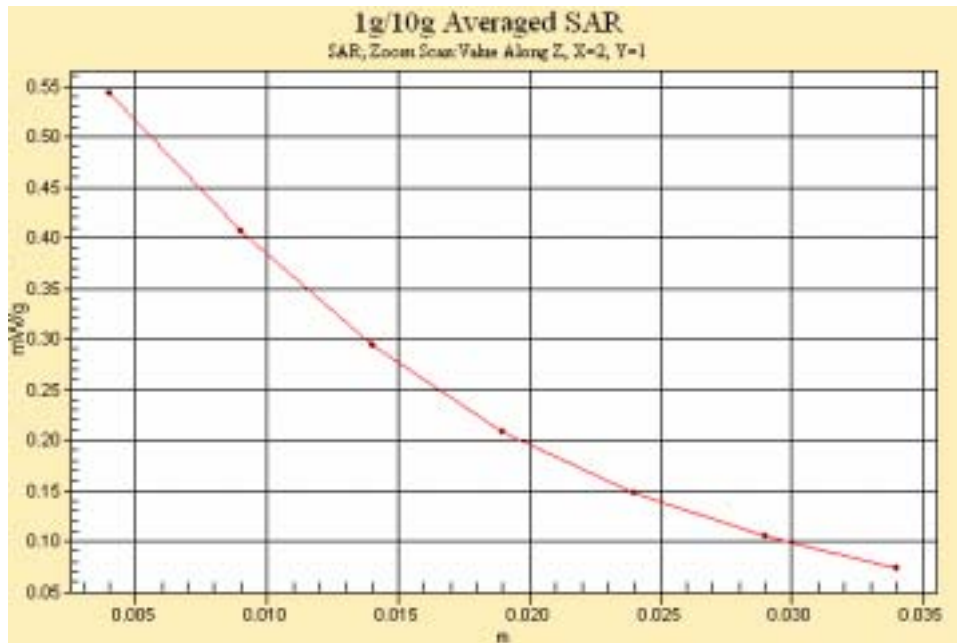
SAR(1 g) = 0.516 mW/g

Maximum value of SAR (measured) = 0.541 mW/g

Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement

grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.644 mW/g



SAMSUNG FCC ID : A3LSGHD807 835MHz GSM850 Head SAR

DUT: SGH-D807(Down); Serial: FD-004 -B

Program Name: SGH-D807 GSM850 Right (Slide Down, Job No. : FD-004)

Procedure Name: Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard With BT ON

Procedure Notes: Meas. Ambient Temp(celsius)-22.0, Tissue Temp(celsius)-21.2; Test Date-16/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.75, 5.75, 5.75); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard With BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 0.631 mW/g

Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard With BT ON/Zoom Scan (5x5x7)/Cube

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

Reference Value = 17.8 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 0.693 W/kg

SAR(1 g) = 0.512 mW/g

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



SAMSUNG FCC ID : A3LSGHD807 835MHz GSM850 Body SAR

DUT: SGH-D807(Body); Serial: FD-004-B

Program Name: SGH-D807 GSM850 Body (Job No. : FD-004)

Procedure Name: Body, Ch.128, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Ambient Temp(celsius)-21.6; Tissue Temp(celsius)-21.5; Test Date-16/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 850 (GPRS); Frequency: 824.2 MHz;Duty Cycle: 1:4.15
Medium parameters used: $f = 824.2$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.82, 5.82, 5.82); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch.128, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 28.1 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 1.59 W/kg

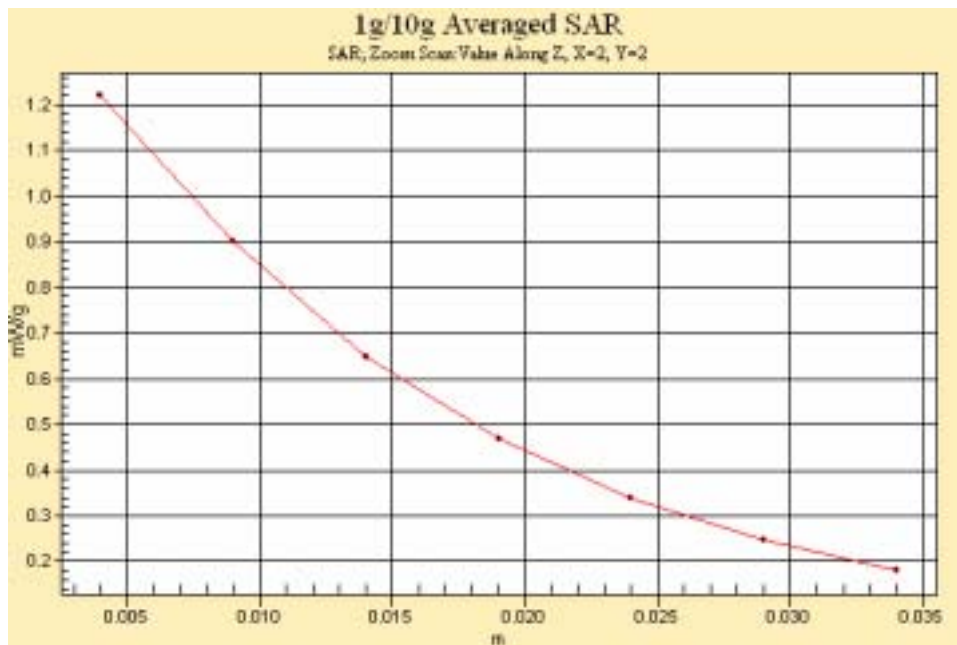
SAR(1 g) = 1.16 mW/g

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

Body, Ch.128, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.24 mW/g



SAMSUNG FCC ID : A3LSGHD807 835MHz GSM850 Body SAR

DUT: SGH-D807(Body); Serial: FD-004-B

Program Name: SGH-D807 GSM850 Body (Job No. : FD-004)

Procedure Name: Body, Ch.128, Ant.Intenna, Bat.Standard With BT ON

Procedure Notes: Meas.Ambient Temp(celsius)-21.6; Tissue Temp(celsius)-21.5; Test Date-16/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 850 (GPRS); Frequency: 824.2 MHz;Duty Cycle: 1:4.15
Medium parameters used: $f = 824.2$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.82, 5.82, 5.82); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch.128, Ant.Intenna, Bat.Standard With BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 1.24 mW/g

Body, Ch.128, Ant.Intenna, Bat.Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 28.2 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 1.18 mW/g

Maximum value of SAR (measured) = 1.26 mW/g



SAMSUNG FCC ID : A3LSGHD807 1900MHz GSM1900 Head SAR

DUT: SGH-D807(Down); Serial: FD-004-B

Program Name: SGH-D807 GSM1900 Left Slide Down (Job No. : FD-004)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.1, Tissue Temp(celsius)-22.0; Test Date-17/Jan/2006 [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; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.92, 4.92, 4.92); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

Maximum value of SAR (interpolated) = 0.873 mW/g

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

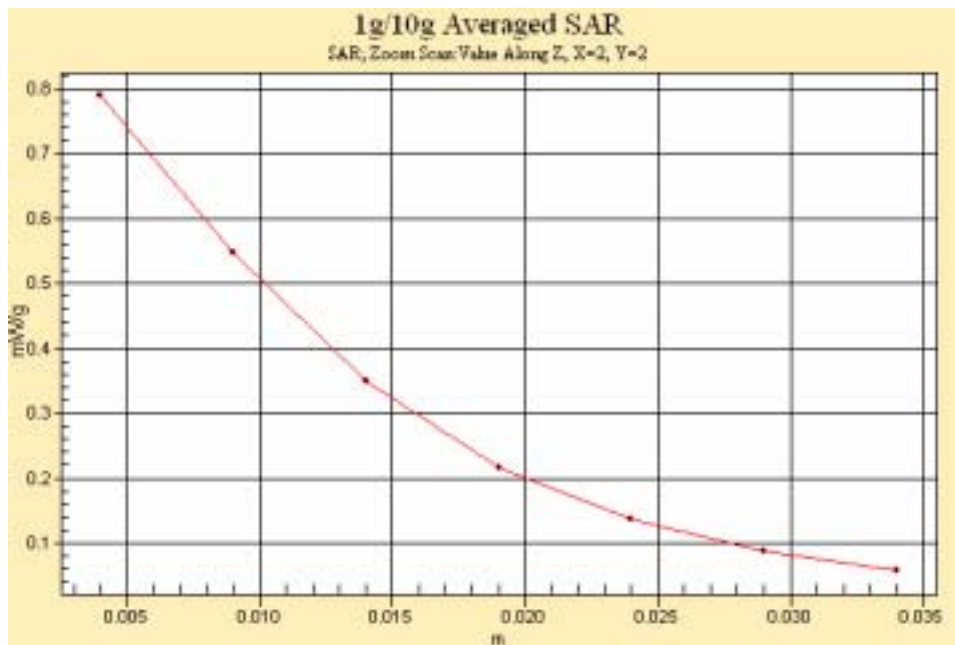
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.2 V/m; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.679 mW/g

Maximum value of SAR (measured) = 0.789 mW/g



SAMSUNG FCC ID : A3LSGHD807 1900MHz GSM1900 Head SAR

DUT: SGH-D807(Down); Serial: FD-004-B

Program Name: SGH-D807 GSM1900 Left Slide Down (Job No. : FD-004)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.1, Tissue Temp(celsius)-22.0; Test Date-17/Jan/2006 [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; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.92, 4.92, 4.92); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard with BT ON/Zoom Scan (5x5x7)/Cube

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

Reference Value = 14.3 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 1.09 W/kg

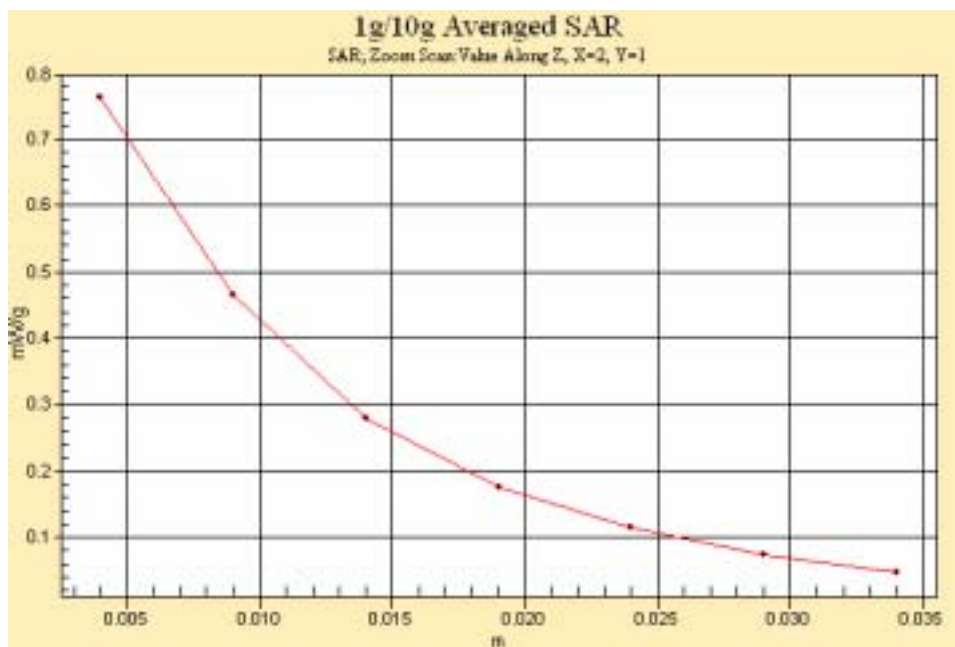
SAR(1 g) = 0.689 mW/g

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

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard with BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 0.816 mW/g



SAMSUNG FCC ID : A3LSGHD807 1900MHz GSM1900 Body SAR

DUT: SGH-D807(Body); Serial: FD-004-B

Program Name: SGH-D807 GSM1900 Body (Job No. : FD-004)

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

Procedure Notes: Meas.Ambient Temp(celsius)-22.2, Tissue Temp(celsius)-22.1; Test Date-17/Jan/2006 [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; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.92, 4.92, 4.92); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

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

Reference Value = 23.1 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 1.25 W/kg

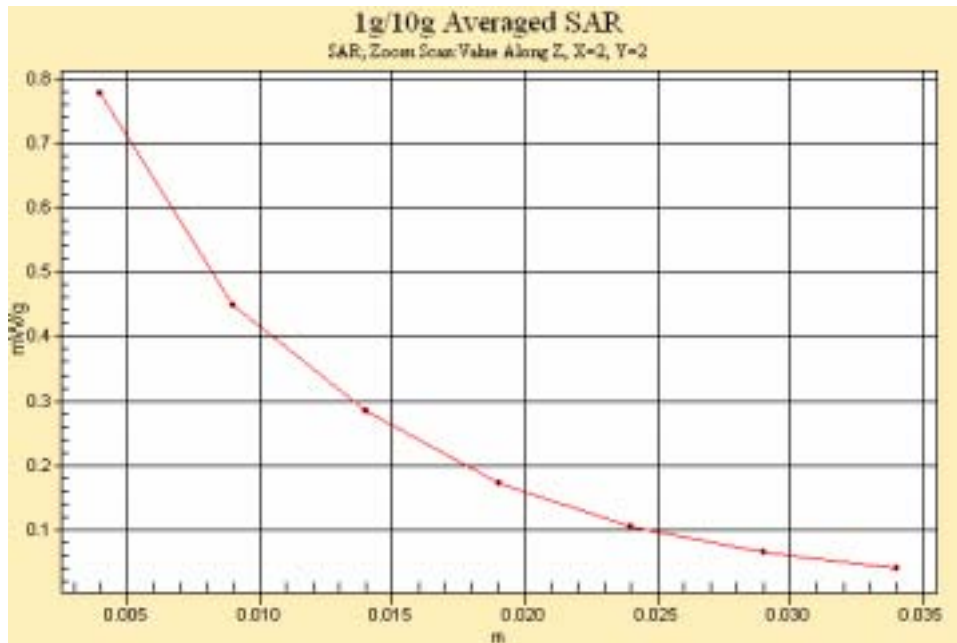
SAR(1 g) = 0.717 mW/g

Maximum value of SAR (measured) = 0.777 mW/g

Body, Ch.810, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

$dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 0.849 mW/g



SAMSUNG FCC ID : A3LSGHD807 1900MHz GSM1900 Body SAR

DUT: SGH-D807(Body); Serial: FD-004-B

Program Name: SGH-D807 GSM1900 Body (Job No. : FD-004)

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

Procedure Notes: Meas.Ambient Temp(celsius)-22.2, Tissue Temp(celsius)-22.1; Test Date-17/Jan/2006 [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; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.92, 4.92, 4.92); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch.810, Ant.Intenna, Bat.Standard With BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 0.849 mW/g

Body, Ch.810, Ant.Intenna, Bat.Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 23.1 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.713 mW/g

Maximum value of SAR (measured) = 0.772 mW/g

