

SAMSUNG FCC ID : A3LSGHD347T 835MHz GSM850 Head SAR

DUT: SGH-D347T; Serial: FD-094-A

Program Name: SGH-D347T GSM850 Right (Job No. : FD-094)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.3, Tissue Temp(celsius)-22.2; Test Date-30/May/2006 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.14, 6.14, 6.14); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.251, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.01 mW/g

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

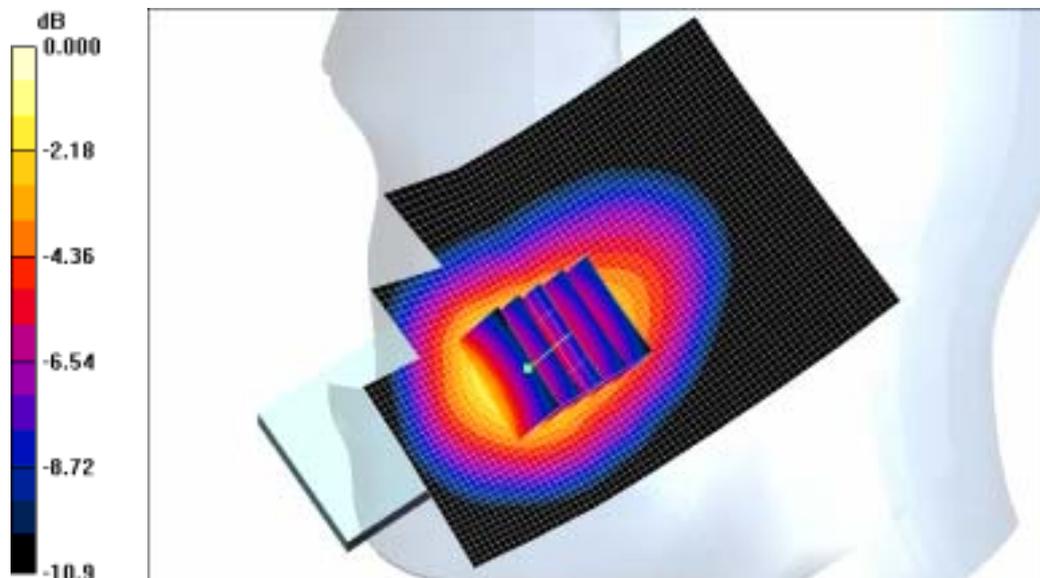
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.86 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 1 mW/g

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



0 dB = 1.07mW/g

SAMSUNG FCC ID : A3LSGHD347T 835MHz GSM850 Head SAR

DUT: SGH-D347T; Serial: FD-094-A

Program Name: SGH-D347T GSM850 Right (Job No. : FD-094)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.3, Tissue Temp(celsius)-22.2; Test Date-30/May/2006 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.14, 6.14, 6.14); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

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

Maximum value of SAR (interpolated) = 0.253 mW/g

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

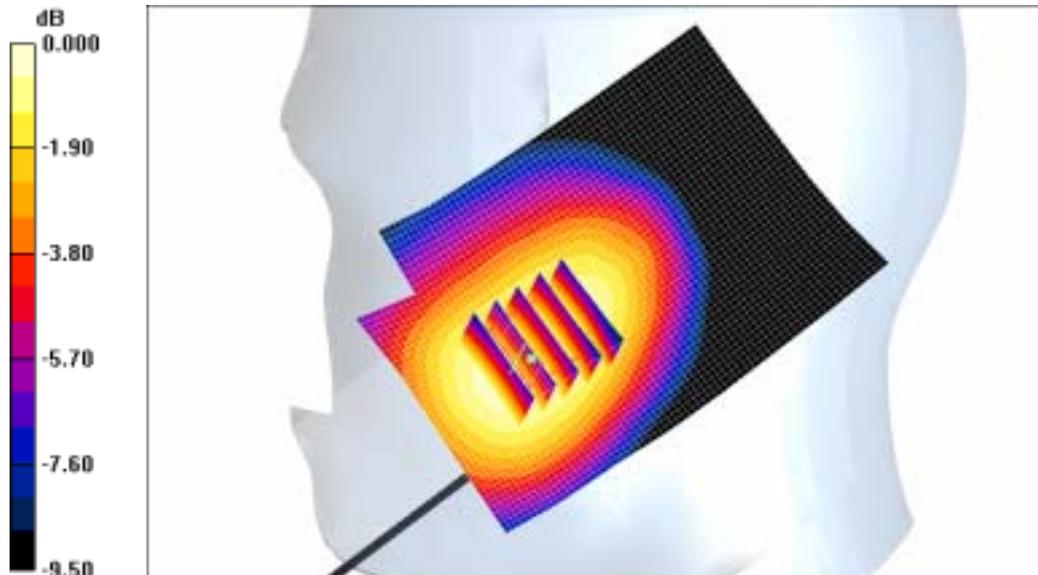
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.83 V/m; Power Drift = 0.072 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.234 mW/g

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



0 dB = 0.247mW/g

SAMSUNG FCC ID : A3LSGHD347T 835MHz GSM850 Head SAR

DUT: SGH-D347T; Serial: FD-094-A

Program Name: SGH-D347T GSM850 Left (Job No. : FD-094)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.3, Tissue Temp(celsius)-22.2; Test Date-30/May/2006 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.14, 6.14, 6.14); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.251, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.978 mW/g

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

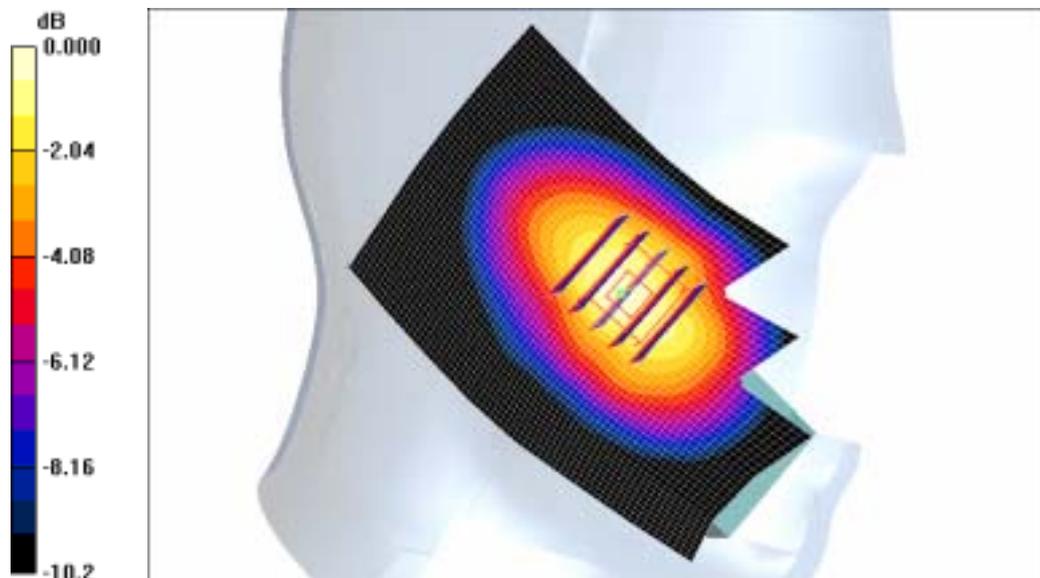
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.39 V/m; Power Drift = -0.198 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.913 mW/g

Maximum value of SAR (measured) = 0.980 mW/g



0 dB = 0.980mW/g

SAMSUNG FCC ID : A3LSGHD347T 835MHz GSM850 Head SAR

DUT: SGH-D347T; Serial: FD-094-A

Program Name: SGH-D347T GSM850 Left (Job No. : FD-094)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.3, Tissue Temp(celsius)-22.2; Test Date-30/May/2006 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.14, 6.14, 6.14); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

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

Maximum value of SAR (interpolated) = 0.244 mW/g

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

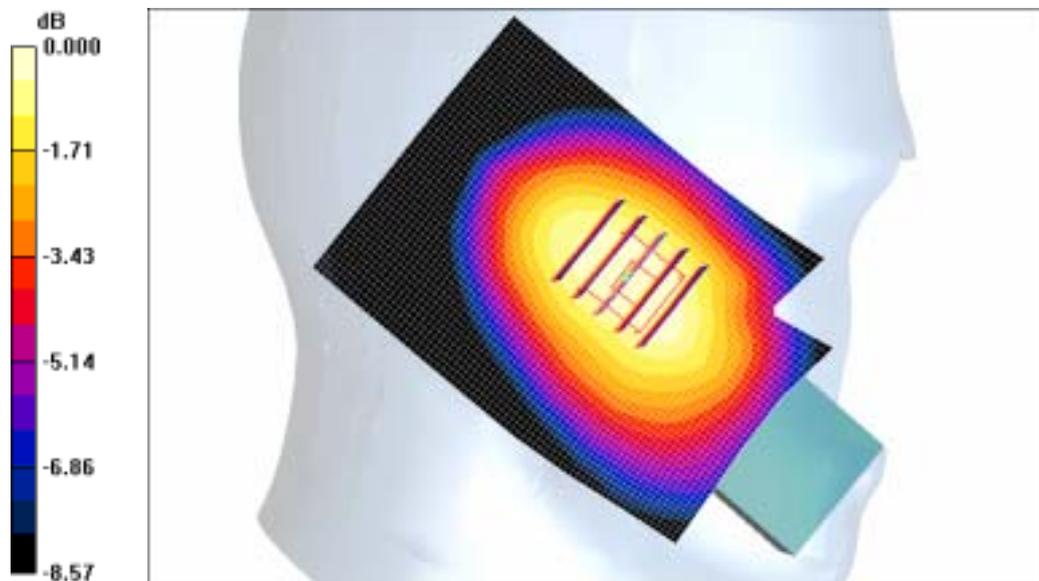
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.1 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.298 W/kg

SAR(1 g) = 0.227 mW/g

Maximum value of SAR (measured) = 0.239 mW/g



0 dB = 0.239mW/g

SAMSUNG FCC ID : A3LSGHD347T 835MHz GSM850 Body SAR

DUT: SGH-D347T(Body); Serial: FD-094-A

Program Name: SGH-D347T GSM850 Body (Job No. : FD-094)

Procedure Name: Body, Ch.251, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Ambient Temp(celsius)-22.3, Tissue Temp(celsius)-22.2; Test Date-30/May/2006 [OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.18, 6.18, 6.18); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch.251, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.25 mW/g

Body, Ch.251, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

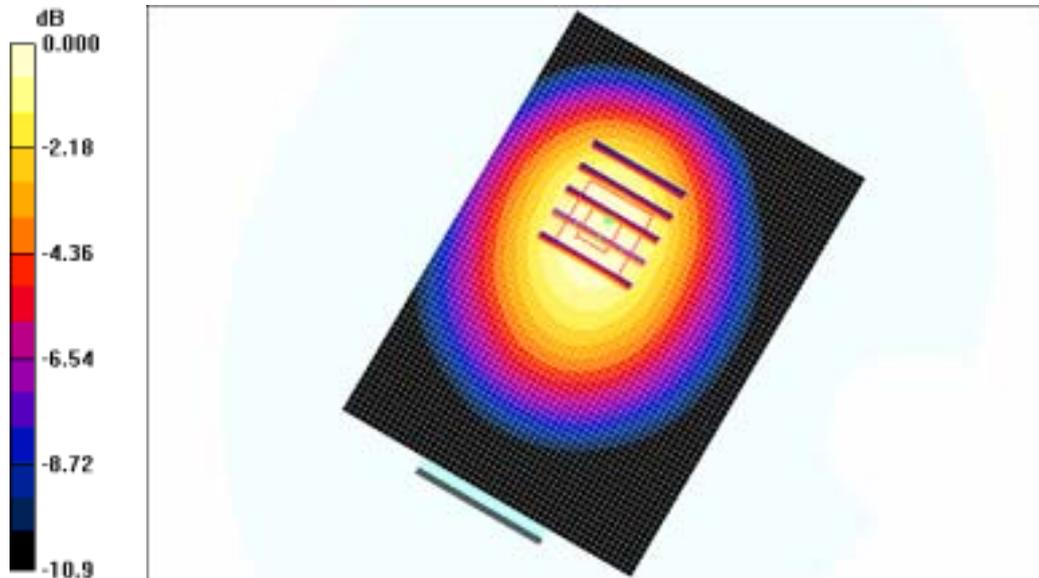
dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.1 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 1.15 mW/g

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



0 dB = 1.22mW/g

SAMSUNG FCC ID : A3LSGHD347T 835MHz GSM850 Body SAR

DUT: SGH-D347T(PTT); Serial: FD-094-A

Program Name: SGH-D347T GSM850 PTT (Job No. : FD-094)

Procedure Name: PTT, Ch.190, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Ambient Temp(celsius)-22.3, Tissue Temp(celsius)-22.2; Test Date-30/May/2006 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.14, 6.14, 6.14); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

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

Reference Value = 14.5 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.253 W/kg

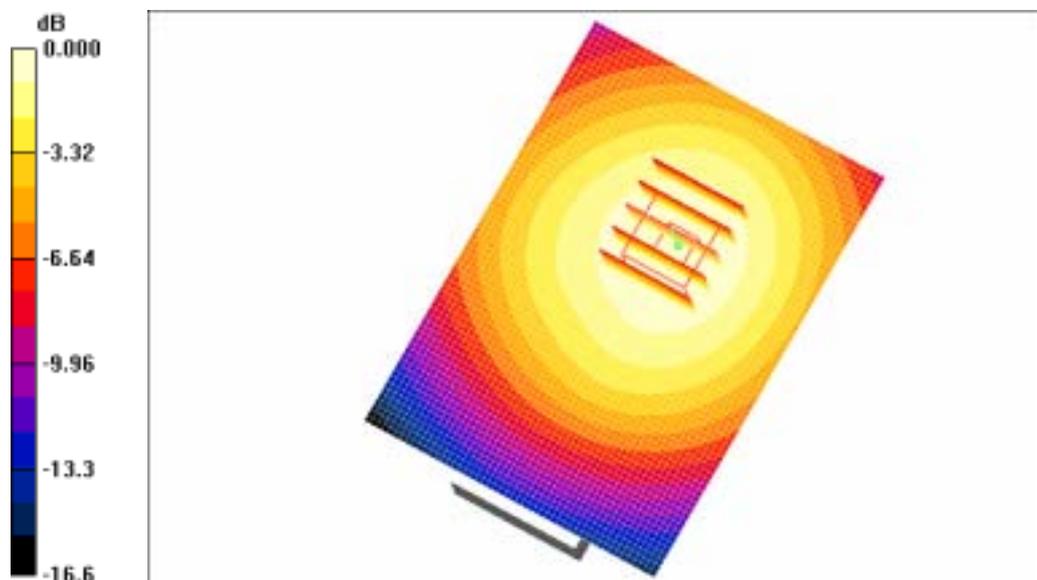
SAR(1 g) = 0.189 mW/g

Maximum value of SAR (measured) = 0.200 mW/g

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

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

Maximum value of SAR (interpolated) = 0.202 mW/g



0 dB = 0.202mW/g

SAMSUNG FCC ID : A3LSGHD347T 835MHz GSM850 Head SAR

DUT: SGH-D347T; Serial: FD-094-A

Program Name: SGH-D347T GSM850 Right (Job No. : FD-094)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.3, Tissue Temp(celsius)-22.2; Test Date-30/May/2006 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.14, 6.14, 6.14); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.251, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.01 mW/g

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

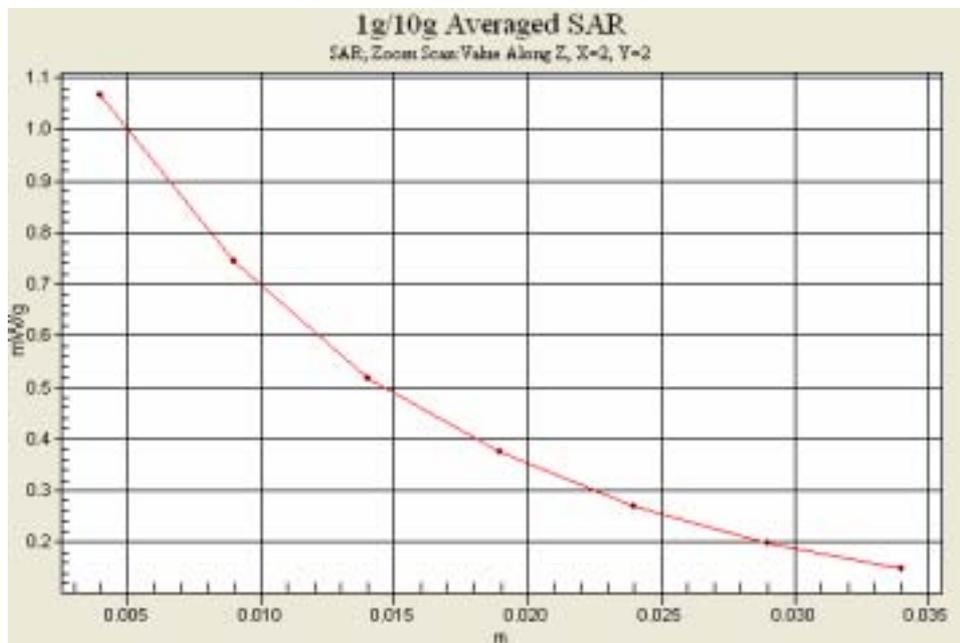
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.86 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 1 mW/g

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



SAMSUNG FCC ID : A3LSGHD347T 835MHz GSM850 Body SAR

DUT: SGH-D347T(Body); Serial: FD-094-A

Program Name: SGH-D347T GSM850 Body (Job No. : FD-094)

Procedure Name: Body, Ch.251, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Ambient Temp(celsius)-22.3, Tissue Temp(celsius)-22.2; Test Date-30/May/2006 [OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.18, 6.18, 6.18); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch.251, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.25 mW/g

Body, Ch.251, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

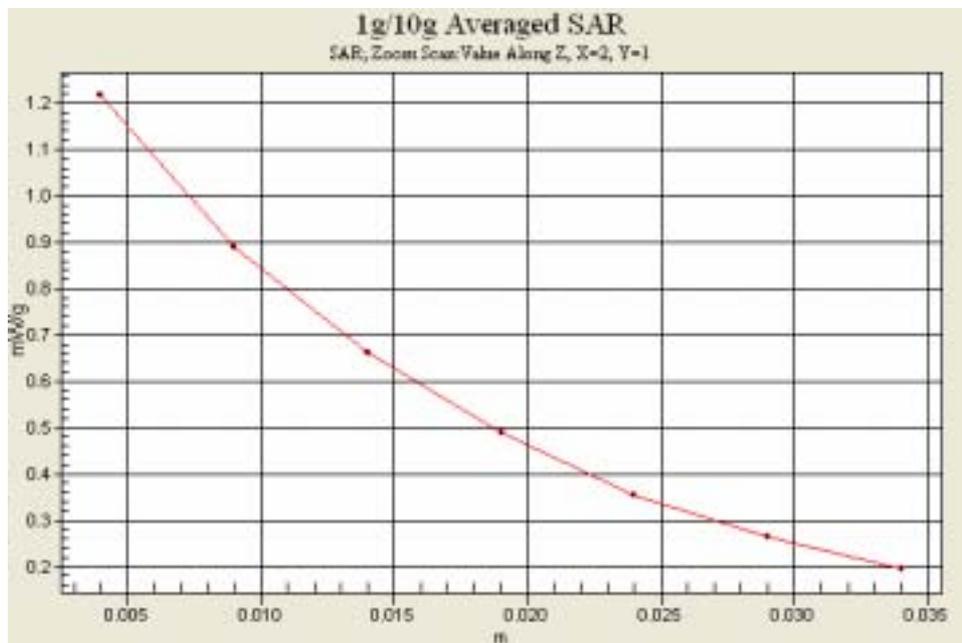
dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.1 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 1.15 mW/g

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



SAMSUNG FCC ID : A3LSGHD347T 1900MHz GSM1900 Head SAR

DUT: SGH-D347T; Serial: FD-094-A

Program Name: SGH-D347T GSM1900 Right (Job No. : FD-094)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.3, Tissue Temp(celsius)-21.7; Test Date-30/May/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; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

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

Reference Value = 4.75 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 1.14 W/kg

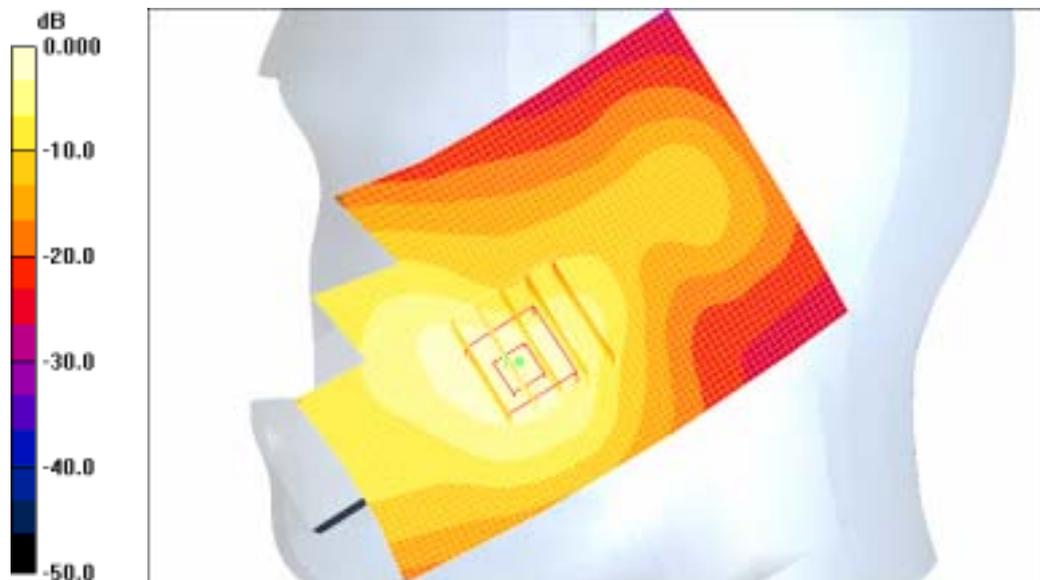
SAR(1 g) = 0.677 mW/g

Maximum value of SAR (measured) = 0.720 mW/g

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

grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.753 mW/g



0 dB = 0.753mW/g

SAMSUNG FCC ID : A3LSGHD347T 1900MHz GSM1900 Head SAR

DUT: SGH-D347T; Serial: FD-094-A

Program Name: SGH-D347T GSM1900 Right (Job No. : FD-094)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.3, Tissue Temp(celsius)-21.7; Test Date-30/May/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; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- 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 = 6.45 V/m; Power Drift = 0.053 dB

Peak SAR (extrapolated) = 0.166 W/kg

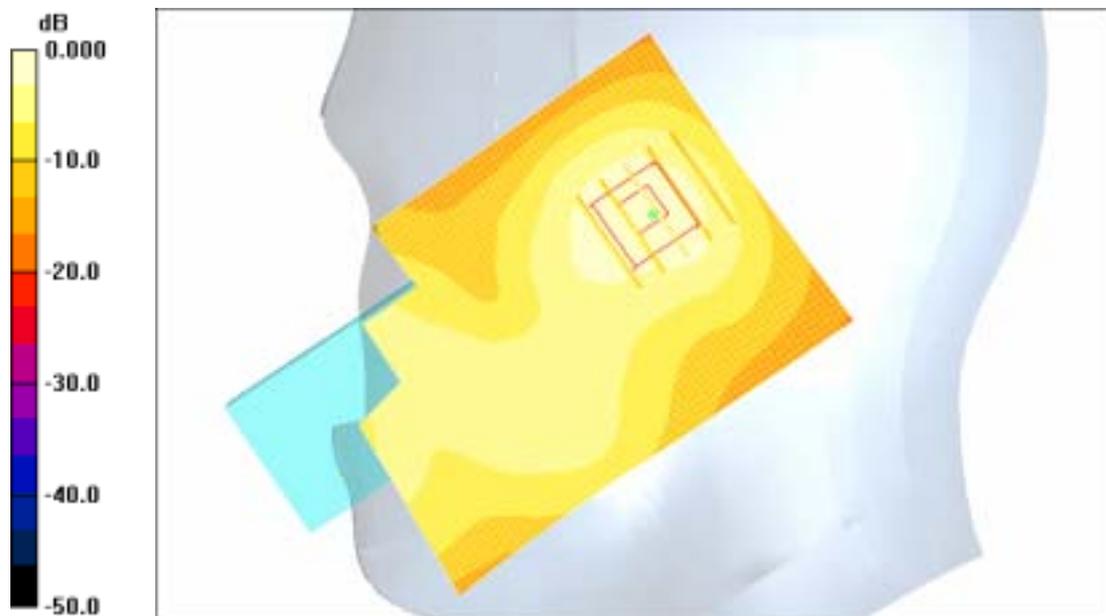
SAR(1 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.117 mW/g

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.146 mW/g



0 dB = 0.146mW/g

SAMSUNG FCC ID : A3LSGHD347T 1900MHz GSM1900 Head SAR

DUT: SGH-D347T; Serial: FD-094-A

Program Name: SGH-D347T GSM1900 Left (Job No. : FD-094)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.3, Tissue Temp(celsius)-21.7; Test Date-30/May/2006 [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; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

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

Reference Value = 7.50 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.739 W/kg

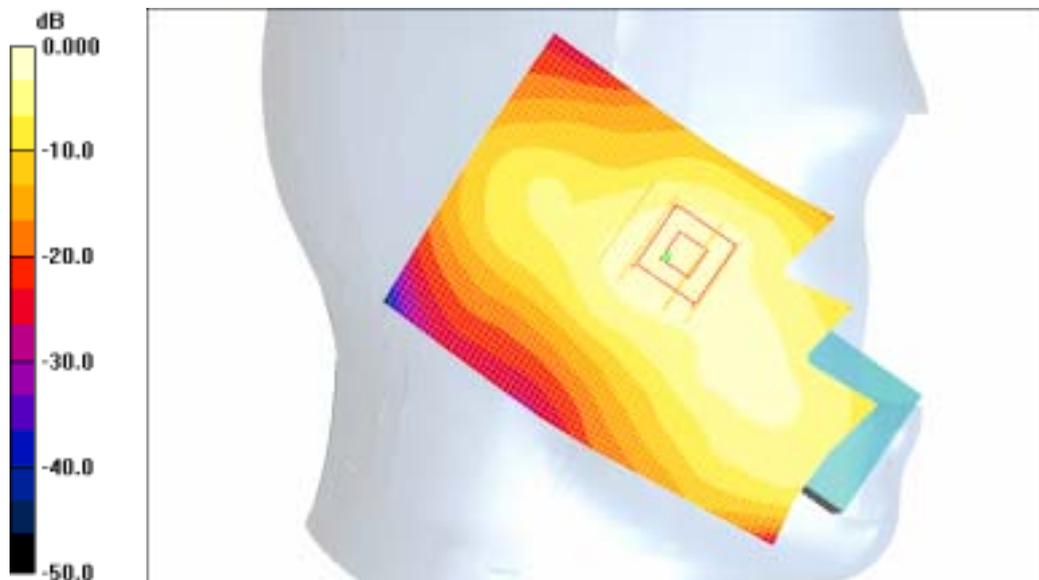
SAR(1 g) = 0.453 mW/g

Maximum value of SAR (measured) = 0.489 mW/g

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

grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.566 mW/g



0 dB = 0.566mW/g

SAMSUNG FCC ID : A3LSGHD347T 1900MHz GSM1900 Head SAR

DUT: SGH-D347T; Serial: FD-094-A

Program Name: SGH-D347T GSM1900 Left (Job No. : FD-094)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.3, Tissue Temp(celsius)-21.7; Test Date-30/May/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; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- 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 = 6.23 V/m; Power Drift = 0.175 dB

Peak SAR (extrapolated) = 0.091 W/kg

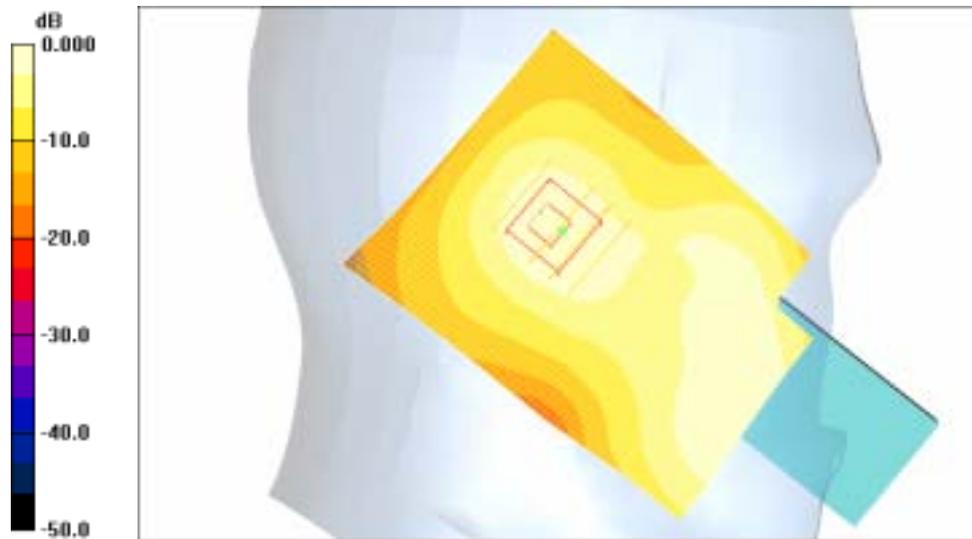
SAR(1 g) = 0.062 mW/g

Maximum value of SAR (measured) = 0.065 mW/g

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.079 mW/g



0 dB = 0.079mW/g

SAMSUNG FCC ID : A3LSGHD347T 1900MHz GPRS1900 Body SAR

DUT: SGH-D347T(Body); Serial: FD-094-A

Program Name: SGH-D347T GSM1900 Body (Job No. : FD-094)

Procedure Name: Body, Ch.512, Ant.Intenna, Bat.Standard WITH BT ON

Procedure Notes: Meas. Ambient Temp(celsius)-22.4, Tissue Temp(celsius)-21.5; Test Date-30/May/2006 [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; $\sigma = 1.56$ mho/m; $\epsilon_r = 52.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(4.47, 4.47, 4.47); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch.512, Ant.Intenna, Bat.Standard WITH BT ON/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 19.1 V/m; Power Drift = -0.051 dB

Peak SAR (extrapolated) = 0.802 W/kg

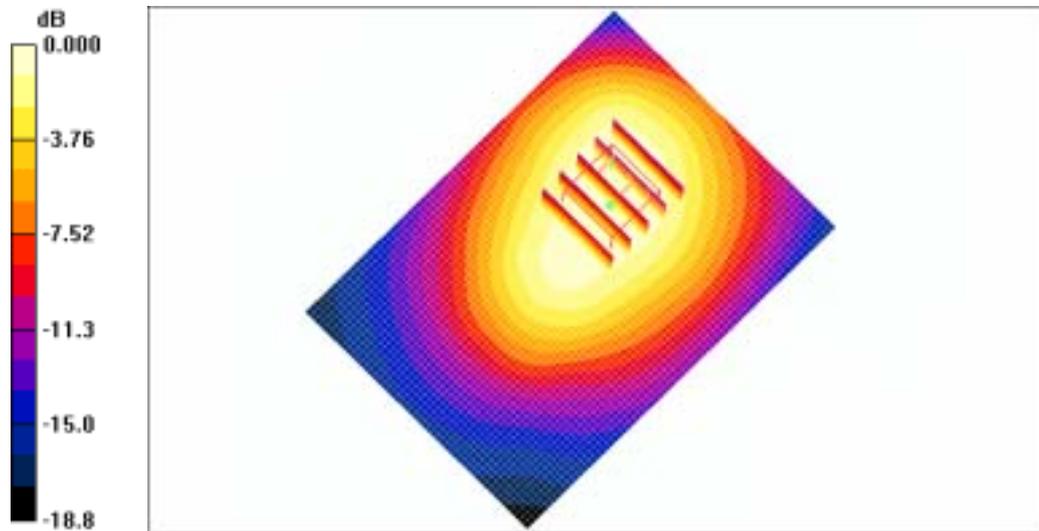
SAR(1 g) = 0.527 mW/g

Maximum value of SAR (measured) = 0.563 mW/g

Body, Ch.512, Ant.Intenna, Bat.Standard WITH BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 0.577 mW/g



0 dB = 0.577mW/g

SAMSUNG FCC ID : A3LSGHD347T 1900MHz GSM1900 Head SAR

DUT: SGH-D347T(PTT); Serial: FD-094-A

Program Name: SGH-D347T GSM1900 PTT (Job No. : FD-094)

Procedure Name: PTT, Ch.661, Ant.Fixed, Bat.Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.4, Tissue Temp(celsius)-21.5; Test Date-30/May/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; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PTT, Ch.661, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 4.92 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 0.064 W/kg

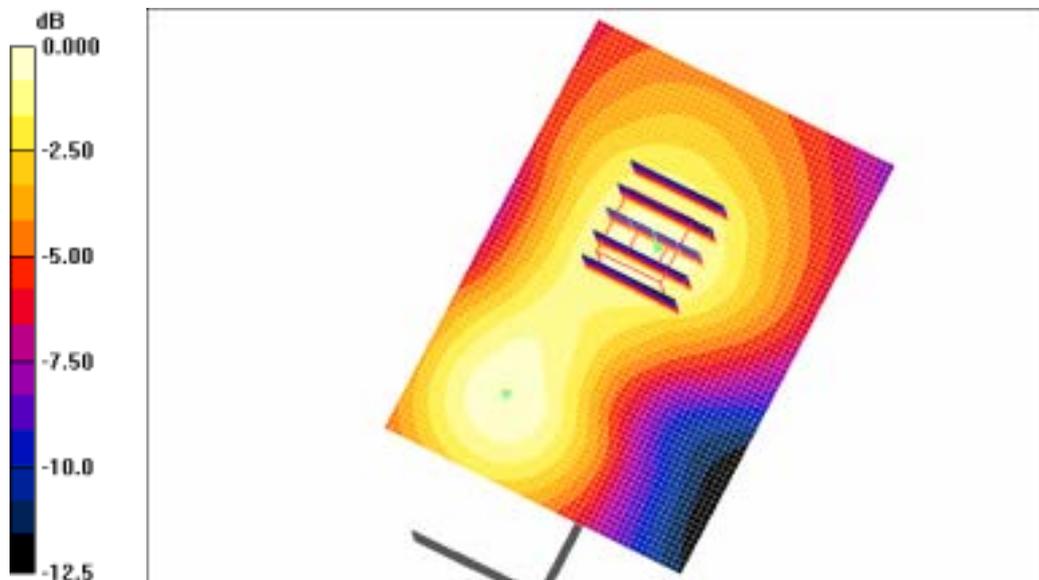
SAR(1 g) = 0.042 mW/g

Maximum value of SAR (measured) = 0.045 mW/g

PTT, Ch.661, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid:

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

Maximum value of SAR (interpolated) = 0.048 mW/g



0 dB = 0.048mW/g

SAMSUNG FCC ID : A3LSGHD347T 1900MHz GSM1900 Head SAR

DUT: SGH-D347T; Serial: FD-094-A

Program Name: SGH-D347T GSM1900 Right (Job No. : FD-094)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.3, Tissue Temp(celsius)-21.7; Test Date-30/May/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; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

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

Reference Value = 4.75 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 1.14 W/kg

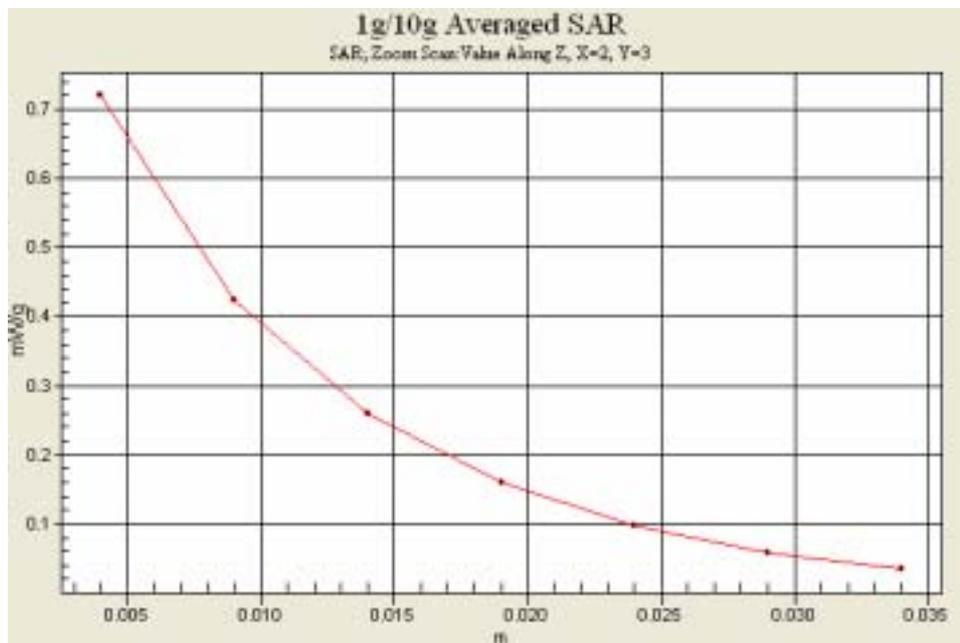
SAR(1 g) = 0.677 mW/g

Maximum value of SAR (measured) = 0.720 mW/g

Cheek/Touch, Ch.661, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement

grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.753 mW/g



SAMSUNG FCC ID : A3LSGHD347T 1900MHz GPRS1900 Body SAR

DUT: SGH-D347T(Body); Serial: FD-094-A

Program Name: SGH-D347T GSM1900 Body (Job No. : FD-094)

Procedure Name: Body, Ch.512, Ant.Intenna, Bat.Standard WITH BT ON

Procedure Notes: Meas. Ambient Temp(celsius)-22.4, Tissue Temp(celsius)-21.5; Test Date-30/May/2006 [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; $\sigma = 1.56$ mho/m; $\epsilon_r = 52.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(4.47, 4.47, 4.47); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch.512, Ant.Intenna, Bat.Standard WITH BT ON/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 19.1 V/m; Power Drift = -0.051 dB

Peak SAR (extrapolated) = 0.802 W/kg

SAR(1 g) = 0.527 mW/g

Maximum value of SAR (measured) = 0.563 mW/g

Body, Ch.512, Ant.Intenna, Bat.Standard WITH BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 0.577 mW/g

