

SAMSUNG FCC ID : A3LSGHT619 - - 835MHz GSM850 Head SAR

DUT: SGH- T619; Serial: FD-123-B

Program Name: SGH- T619 GSM850 Right (Job No. : FD-123)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.3, Tissue Temp(celsius)-21.9; Test Date-11/Jul/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; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ 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: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

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

Maximum value of SAR (interpolated) = 1.11 mW/g

Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard with BT ON/Zoom Scan (5x5x7)/Cube

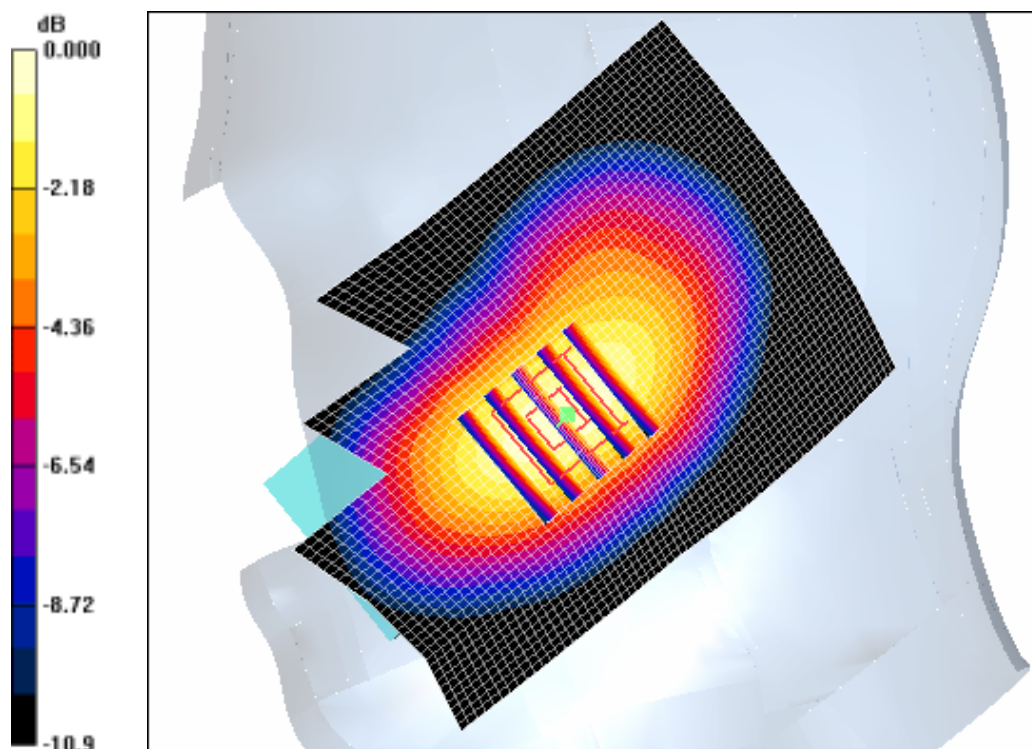
0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.4 V/m; Power Drift = -0.082 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 1.07 mW/g

Maximum value of SAR (measured) = 1.15 mW/g



0 dB = 1.15mW/g

SAMSUNG FCC ID : A3LSGHT619 - - 835MHz GSM850 Head SAR

DUT: SGH- T619; Serial: FD-123-B

Program Name: SGH- T619 GSM850 Right (Job No. : FD-123)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.3, Tissue Temp(celsius)-21.9; Test Date-11/Jul/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; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ 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: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.221 mW/g

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

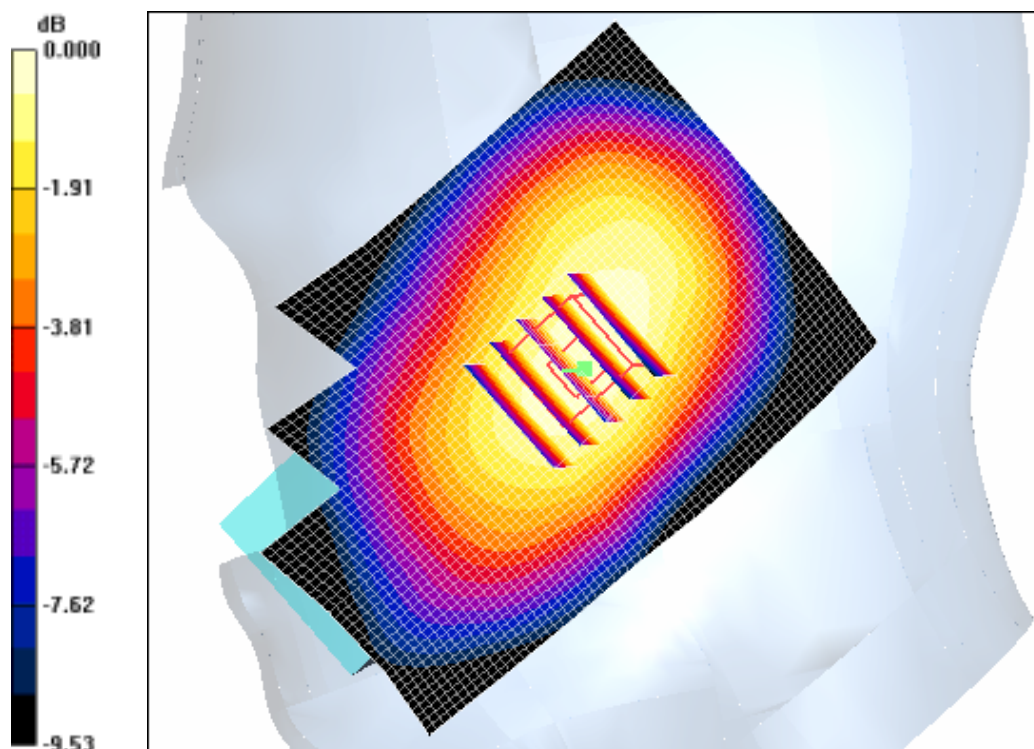
grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.9 V/m; Power Drift = 0.091 dB

Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.209 mW/g

Maximum value of SAR (measured) = 0.221 mW/g



0 dB = 0.221mW/g

SAMSUNG FCC ID : A3LSGHT619 - - 835MHz GSM850 Head SAR

DUT: SGH-T619; Serial: FD-123-B

Program Name: SGH-T619 GSM850 Left (Job No. : FD-123)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.3, Tissue Temp(celsius)-21.9; Test Date-11/Jul/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; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ 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: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Maximum value of SAR (interpolated) = 0.893 mW/g

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

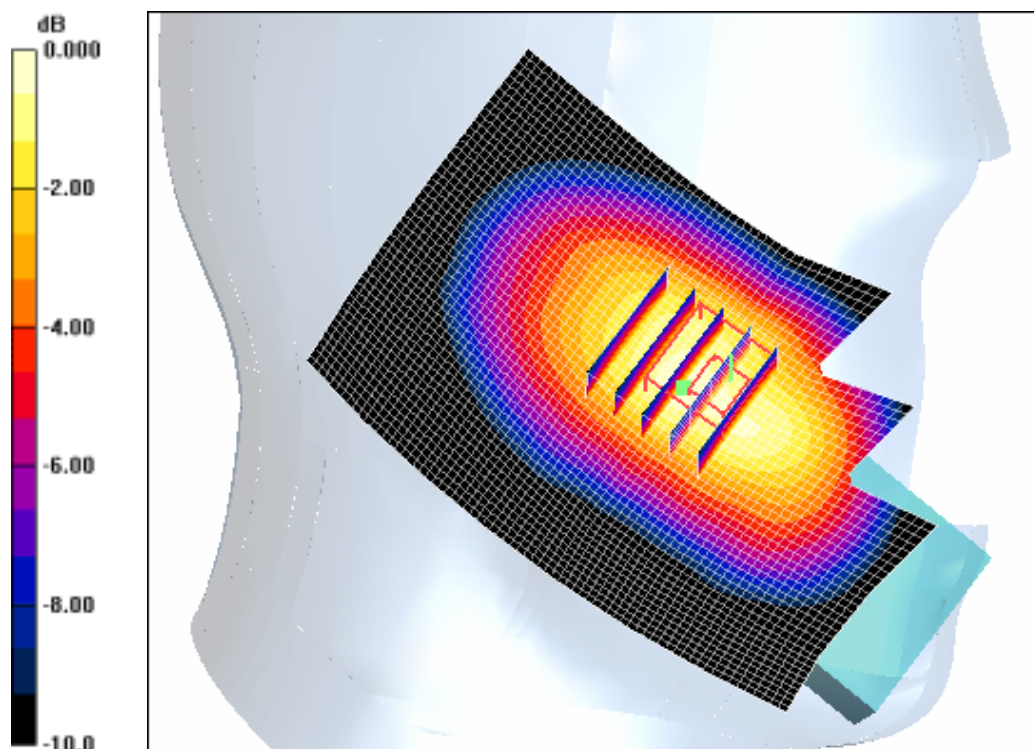
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.9 V/m; Power Drift = -0.063 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.909 mW/g

Maximum value of SAR (measured) = 0.954 mW/g



0 dB = 0.954mW/g

SAMSUNG FCC ID : A3LSGHT619 - - 835MHz GSM850 Head SAR

DUT: SGH- T619; Serial: FD-123-B

Program Name: SGH- T619 GSM850 Left (Job No. : FD-123)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.3, Tissue Temp(celsius)-21.9; Test Date-11/Jul/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; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ 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: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

dx=20mm, dy=20mm

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

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

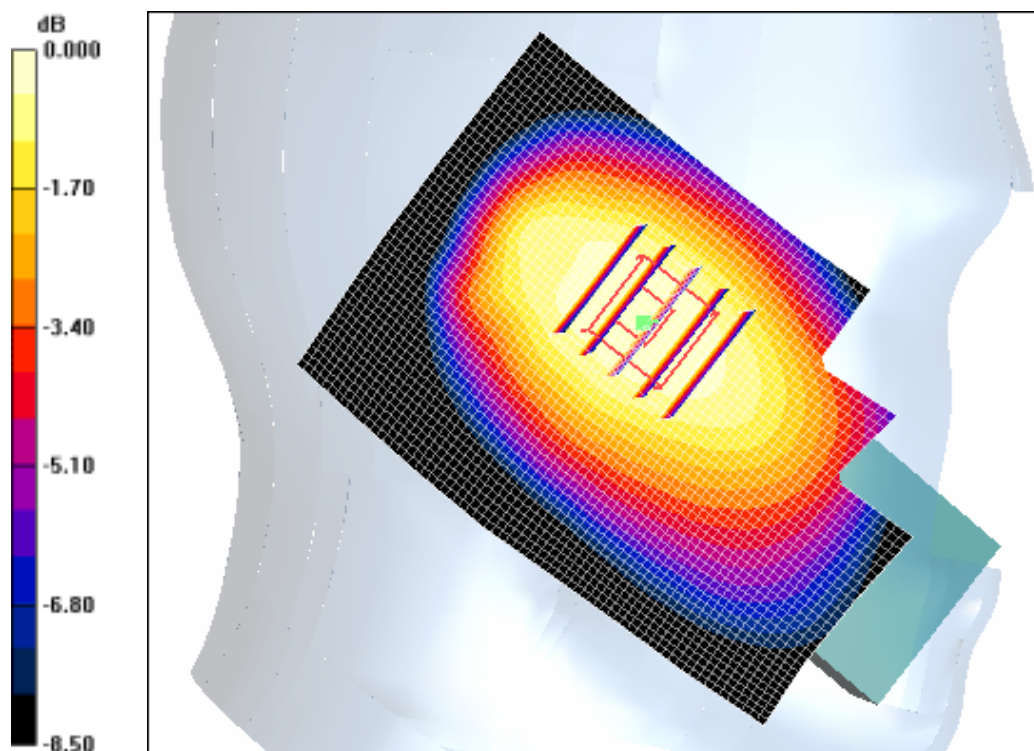
grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.6 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.268 W/kg

SAR(1 g) = 0.212 mW/g

Maximum value of SAR (measured) = 0.222 mW/g



0 dB = 0.222mW/g

SAMSUNG FCC ID : A3LSGHT619 - - 835MHz GSM850 Body SAR

DUT: SGH-T619(Body); Serial: FD-123-B

Program Name: SGH-T619 GSM850 Body (Job No. : FD-123)

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

Procedure Notes: Meas.Ambient Temp(celsius)-22.2, Tissue Temp(celsius)-22.0; Test Date-11/Jul/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; $\epsilon_r = 53.8$; $\rho = 1000$ 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: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.991 mW/g

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

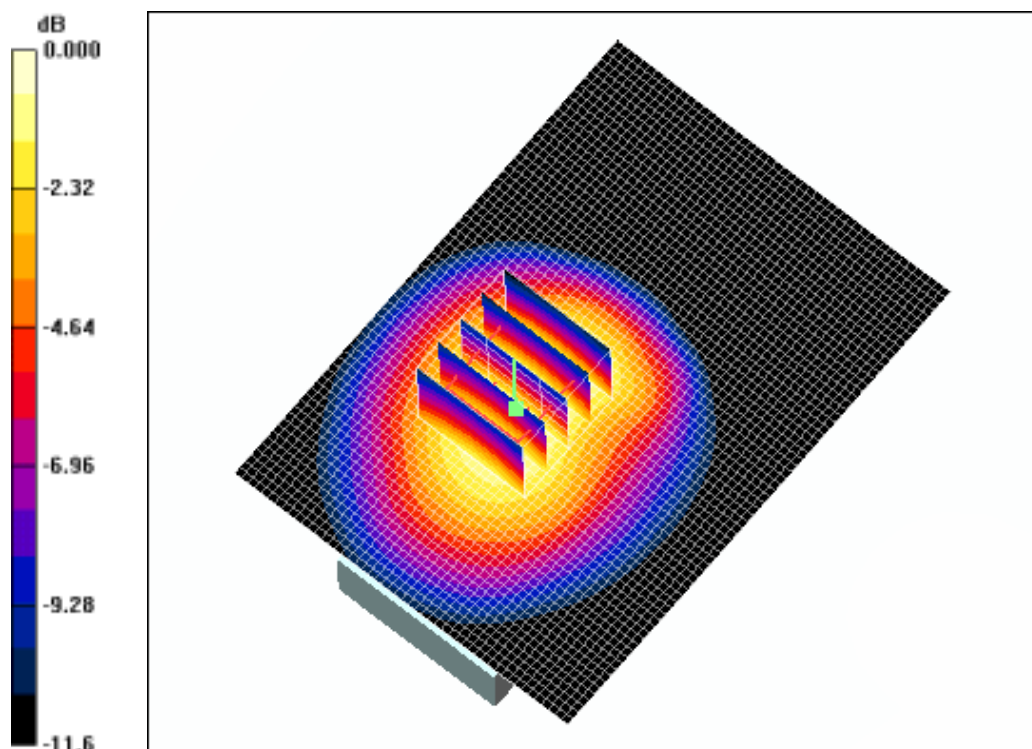
dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.5 V/m; Power Drift = -0.197 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.920 mW/g

Maximum value of SAR (measured) = 0.992 mW/g



0 dB = 0.992mW/g

SAMSUNG FCC ID : A3LSGHT619 - - 835MHz GSM850 Head SAR

DUT: SGH-T619; Serial: FD-123-B

Program Name: SGH-T619 GSM850 Right (Job No. : FD-123)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.3, Tissue Temp(celsius)-21.9; Test Date-11/Jul/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; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ 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: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

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

Maximum value of SAR (interpolated) = 1.11 mW/g

Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard With BT ON/Zoom Scan (5x5x7)/Cube

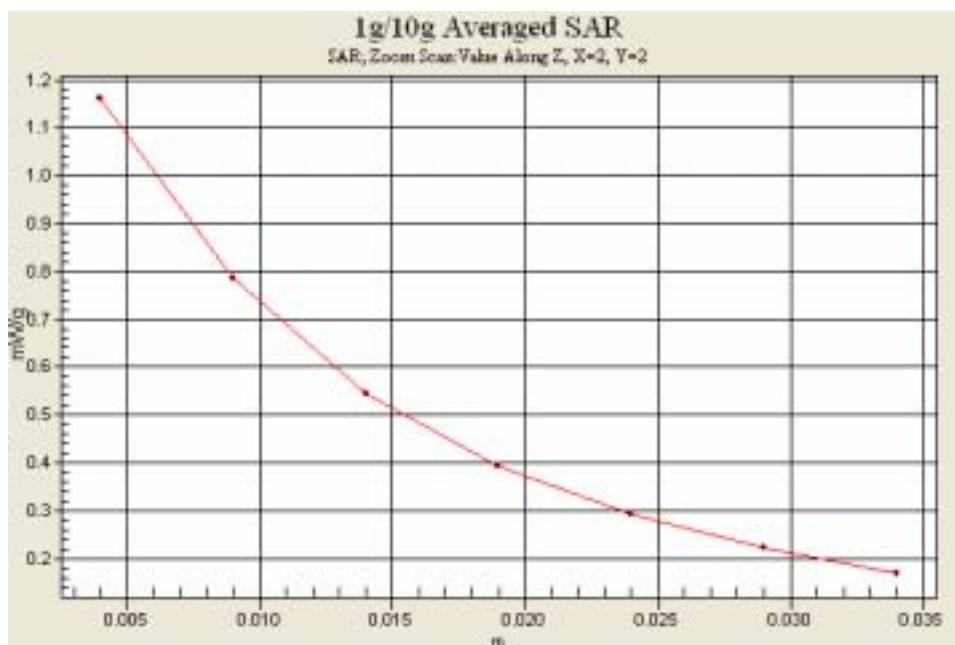
0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.4 V/m; Power Drift = -0.082 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 1.07 mW/g

Maximum value of SAR (measured) = 1.15 mW/g



SAMSUNG FCC ID : A3LSGHT619 - - 835MHz GSM850 Body SAR

DUT: SGH- T619(Body); Serial: FD-123-B

Program Name: SGH- T619 GSM850 Body (Job No. : FD-123)

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

Procedure Notes: Meas.Ambient Temp(celsius)-22.2, Tissue Temp(celsius)-22.0; Test Date-11/Jul/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; $\epsilon_r = 53.8$; $\rho = 1000$ 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: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.991 mW/g

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

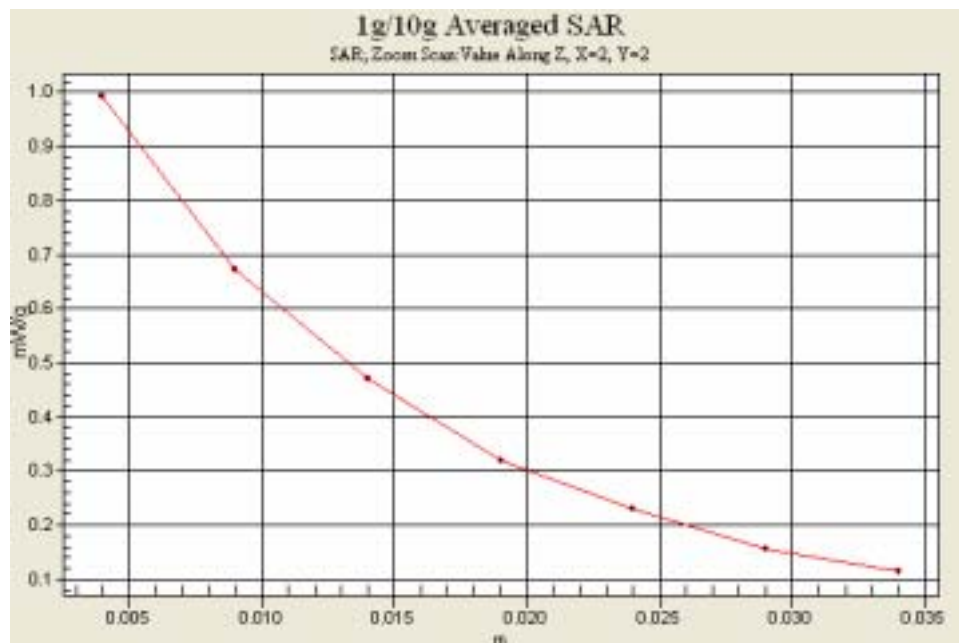
dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.5 V/m; Power Drift = -0.197 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.920 mW/g

Maximum value of SAR (measured) = 0.992 mW/g



SAMSUNG FCC ID : A3LSGHT619 - - 1900MHz GSM1900 Head SAR

DUT: SGH- T619; Serial: FD-123-B

Program Name: SGH- T619 GSM1900 Right (Job No. : FD-123)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.1, Tissue Temp(celsius)-21.7; Test Date-10/Jul/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; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ 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: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

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

Reference Value = 17.9 V/m; Power Drift = -0.165 dB

Peak SAR (extrapolated) = 1.82 W/kg

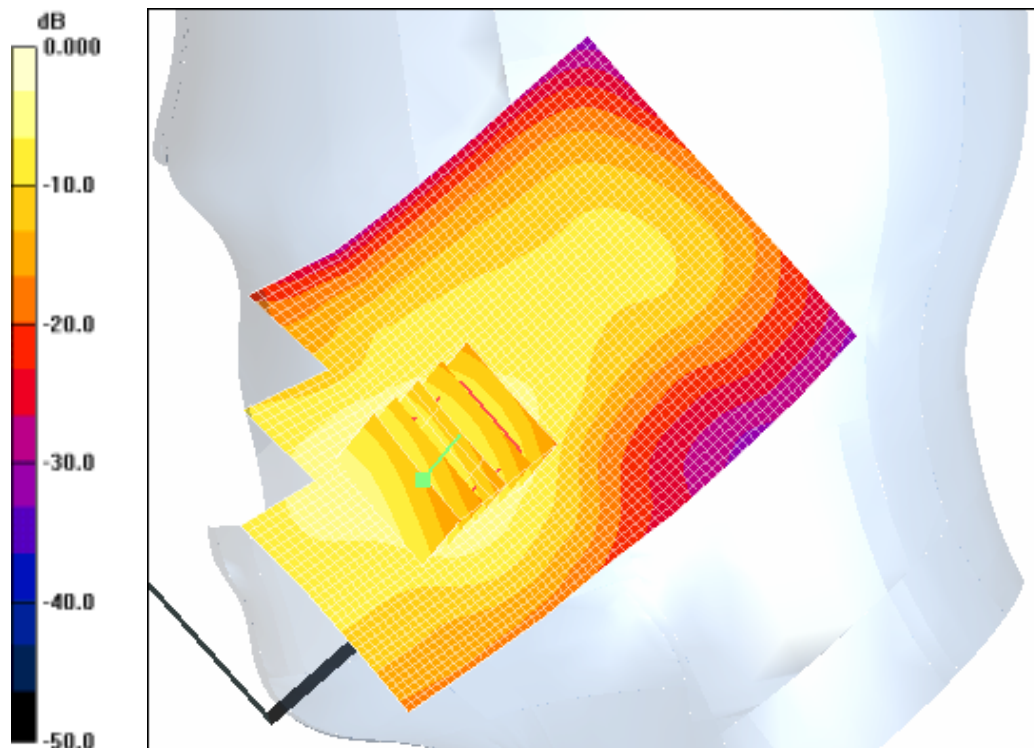
SAR(1 g) = 1.05 mW/g

Maximum value of SAR (measured) = 1.11 mW/g

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

grid: dx=20mm, dy=20mm

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



0 dB = 1.25mW/g

SAMSUNG FCC ID : A3LSGHT619 - - 1900MHz GSM1900 Head SAR

DUT: SGH-T619; Serial: FD-123-B

Program Name: SGH-T619 GSM1900 Right (Job No. : FD-123)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.1, Tissue Temp(celsius)-21.7; Test Date-10/Jul/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; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ 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: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Reference Value = 4.96 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 0.123 W/kg

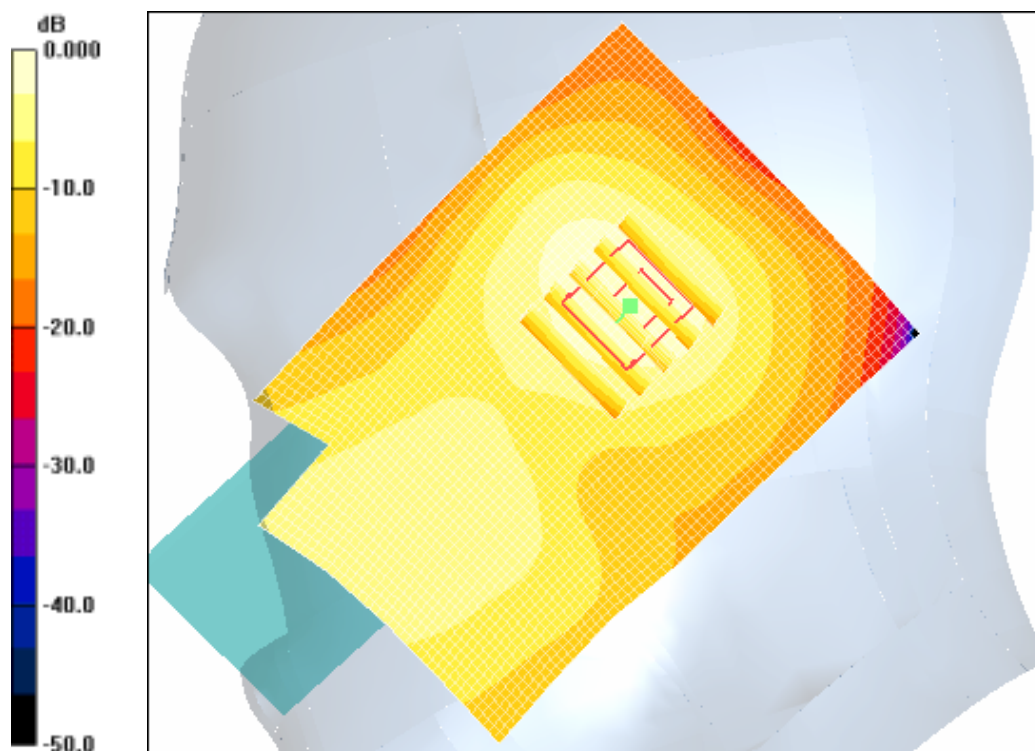
SAR(1 g) = 0.087 mW/g

Maximum value of SAR (measured) = 0.092 mW/g

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.115 mW/g



0 dB = 0.115mW/g

SAMSUNG FCC ID : A3LSGHT619 - - 1900MHz GSM1900 Head SAR

DUT: SGH-T619; Serial: FD-123-B

Program Name: SGH-T619 GSM1900 Left (Job No. : FD-123)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.1, Tissue Temp(celsius)-21.7; Test Date-10/Jul/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; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ 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: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Maximum value of SAR (interpolated) = 0.902 mW/g

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

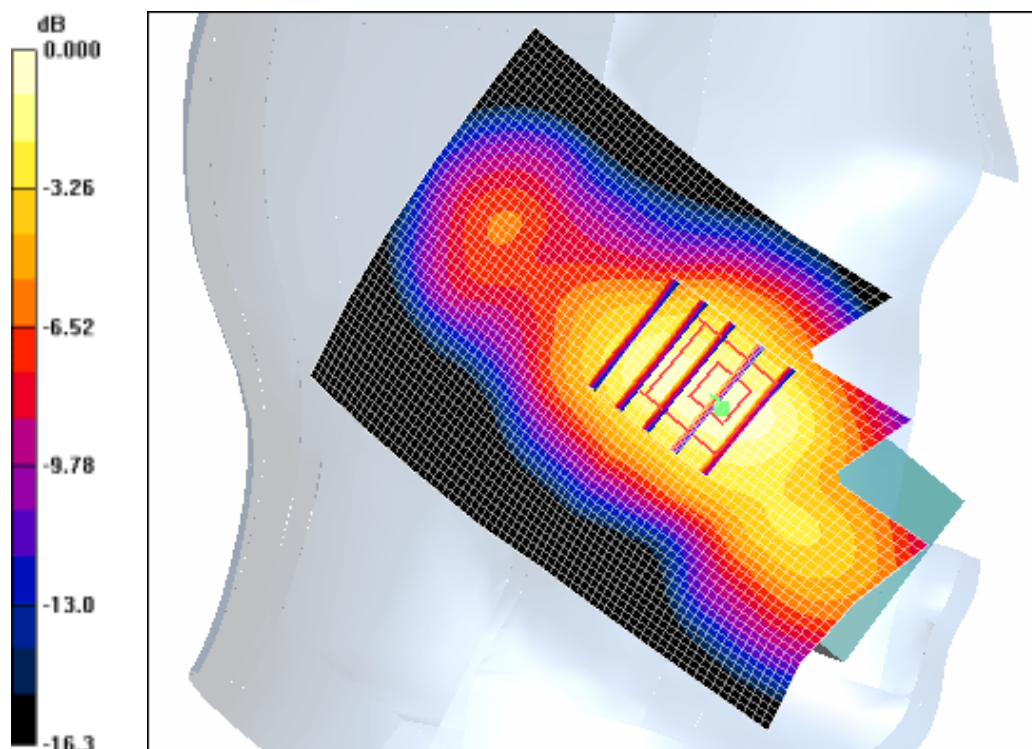
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.6 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.896 mW/g

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



0 dB = 0.978mW/g

SAMSUNG FCC ID : A3LSGHT619 - - 1900MHz GSM1900 Head SAR

DUT: SGH-T619; Serial: FD-123-B

Program Name: SGH-T619 GSM1900 Left (Job No. : FD-123)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.1, Tissue Temp(celsius)-21.7; Test Date-10/Jul/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; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ 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: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Reference Value = 8.80 V/m; Power Drift = -0.103 dB

Peak SAR (extrapolated) = 0.102 W/kg

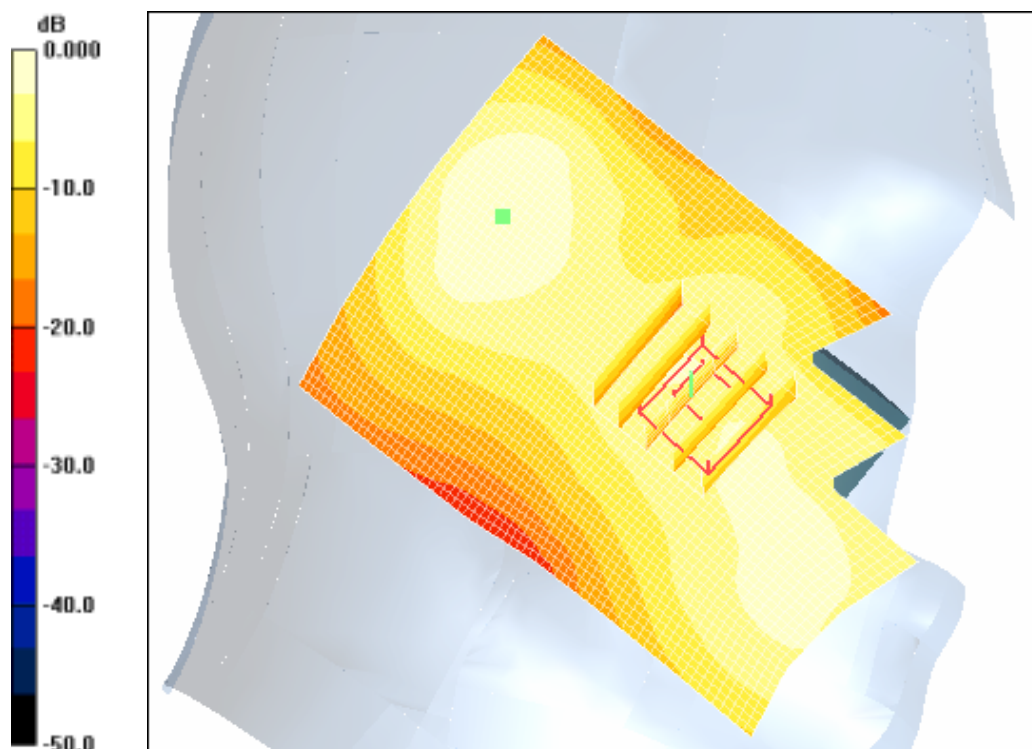
SAR(1 g) = 0.068 mW/g

Maximum value of SAR (measured) = 0.071 mW/g

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.136 mW/g



0 dB = 0.136mW/g

SAMSUNG FCC ID : A3LSGHT619 - - 1900MHz GSM1900 Body SAR

DUT: SGH-T619(Body); Serial: FD-123-B

Program Name: SGH-T619 GSM1900 Body (Job No. : FD-123)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.4, Tissue Temp(celsius)-21.9; Test Date-10/Jul/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; $\sigma = 1.52$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ 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: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 9.77 V/m; Power Drift = 0.194 dB

Peak SAR (extrapolated) = 0.570 W/kg

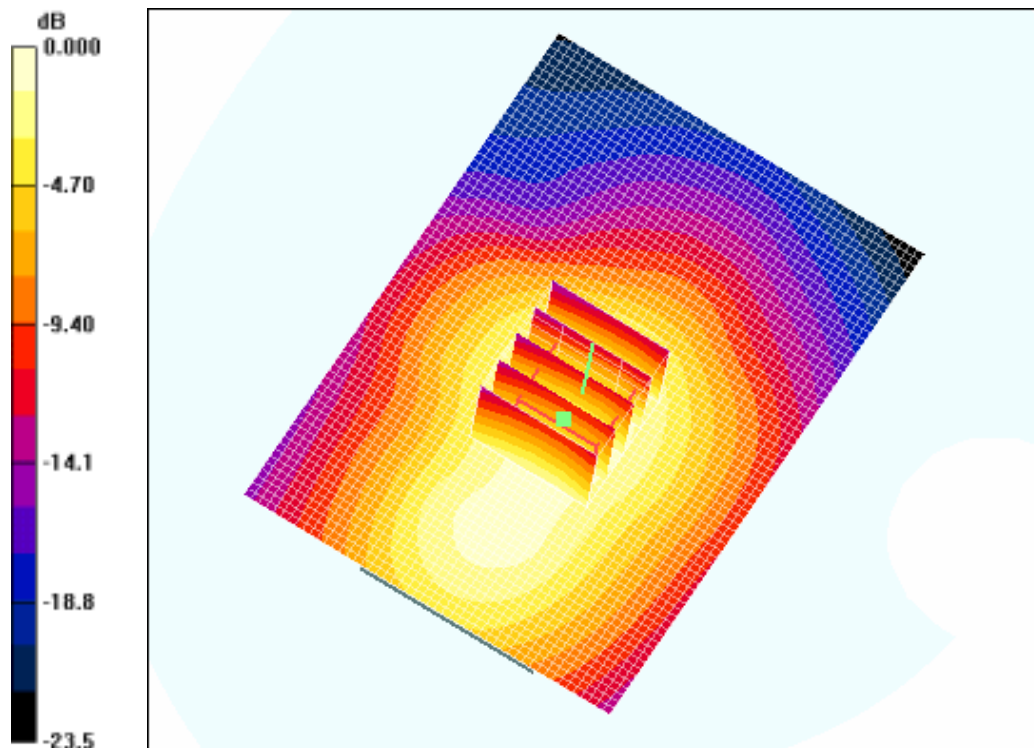
SAR(1 g) = 0.374 mW/g

Maximum value of SAR (measured) = 0.398 mW/g

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

dx=20mm, dy=20mm

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



0 dB = 0.432mW/g

SAMSUNG FCC ID : A3LSGHT619 - - 1900MHz GSM1900 Head SAR

DUT: SGH- T619; Serial: FD-123-B

Program Name: SGH- T619 GSM1900 Right (Job No. : FD-123)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.1, Tissue Temp(celsius)-21.7; Test Date-10/Jul/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; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ 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: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

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

Reference Value = 17.9 V/m; Power Drift = -0.165 dB

Peak SAR (extrapolated) = 1.82 W/kg

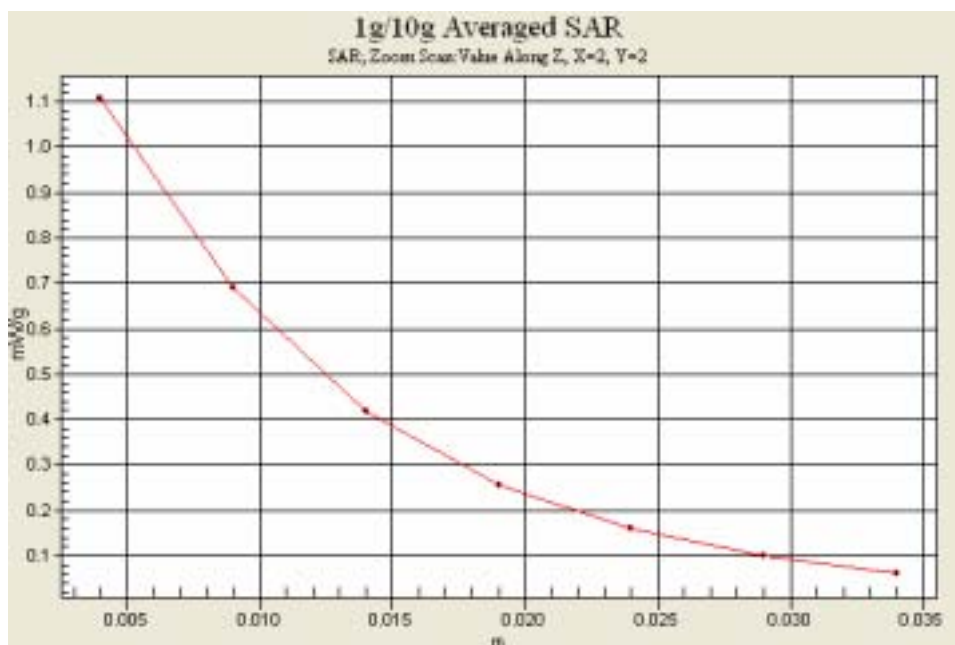
SAR(1 g) = 1.05 mW/g

Maximum value of SAR (measured) = 1.11 mW/g

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

grid: dx=20mm, dy=20mm

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



SAMSUNG FCC ID : A3LSGHT619 - - 1900MHz GSM1900 Body SAR

DUT: SGH- T619(Body); Serial: FD-123-B

Program Name: SGH- T619 GSM1900 Body (Job No. : FD-123)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.4, Tissue Temp(celsius)-21.9; Test Date-10/Jul/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; $\sigma = 1.52$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ 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: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 9.77 V/m; Power Drift = 0.194 dB

Peak SAR (extrapolated) = 0.570 W/kg

SAR(1 g) = 0.374 mW/g

Maximum value of SAR (measured) = 0.398 mW/g

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

dx=20mm, dy=20mm

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

