

SAMSUNG FCC ID : A3LSGHT219 GSM850 HEAD SAR

DUT: SGH-T219; Serial: FD-238-F

Program Name: SGH-T219 GSM850 Right(Job No. : FD-238)

Procedure Name: Cheek/Touch, Ch.190, Ant.Intenna, Bat.Standard

Meas. Ambient Temp(celsius)-21.9, Tissue Temp(celsius)-21.4 ;Test Date-13/Dec/2006

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 40.4$; $\rho = 1000 \text{ kg/m}^3$;

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(9.48, 9.48, 9.48); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-11-20
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.190, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.30 mW/g

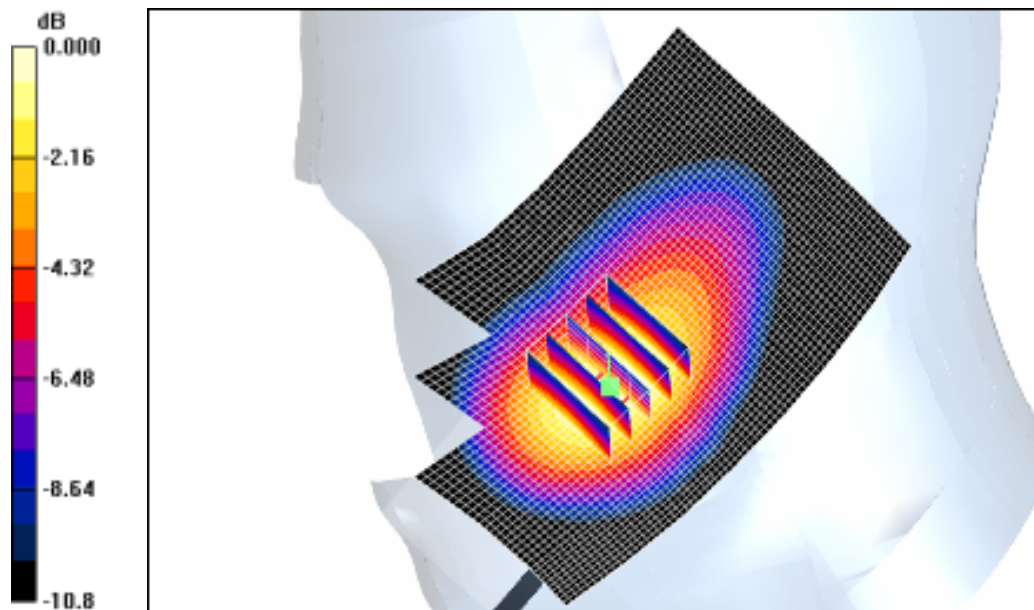
Cheek/Touch, Ch.190, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 30.2 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 1.24 mW/g

Maximum value of SAR (measured) = 1.33 mW/g



0 dB = 1.33mW/g

SAMSUNG FCC ID : A3LSGHT219 GSM850 HEAD SAR

DUT: SGH-T219; Serial: FD-238-F

Program Name: SGH-T219 GSM850 Right(Job No. : FD-238)

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

Meas. Ambient Temp(celsius)-21.9, Tissue Temp(celsius)-21.4 ;Test Date-13/Dec/2006

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³ ;

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(9.48, 9.48, 9.48); Calibrated: 2006-11-23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn686; Calibrated: 2006-11-20

- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248

- 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) = 0.349 mW/g

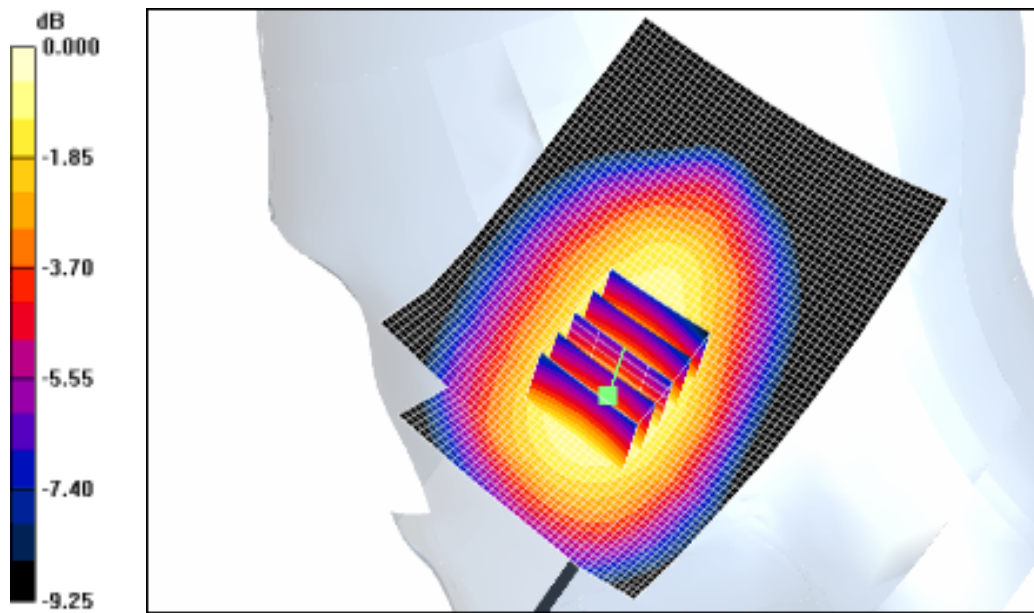
Ear/Tilt, Ch.190, Ant.Intenna Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.3 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 0.428 W/kg

SAR(1 g) = 0.328 mW/g

Maximum value of SAR (measured) = 0.346 mW/g



0 dB = 0.346mW/g

SAMSUNG FCC ID : A3LSGHT219 GSM850 HEAD SAR

DUT: SGH-T219; Serial: FD-238-F

Program Name: SGH-T219 GSM850 Left(Job No. : FD-238)

Procedure Name: Cheek/Touch, Ch.190, Ant.Intenna, Bat.Standard

Meas. Ambient Temp(celsius)-21.9, Tissue Temp(celsius)-21.4 ;Test Date-13/Dec/2006

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 40.4$; $\rho = 1000 \text{ kg/m}^3$;

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(9.48, 9.48, 9.48); Calibrated: 2006-11-23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn686; Calibrated: 2006-11-20

- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.190, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.29 mW/g

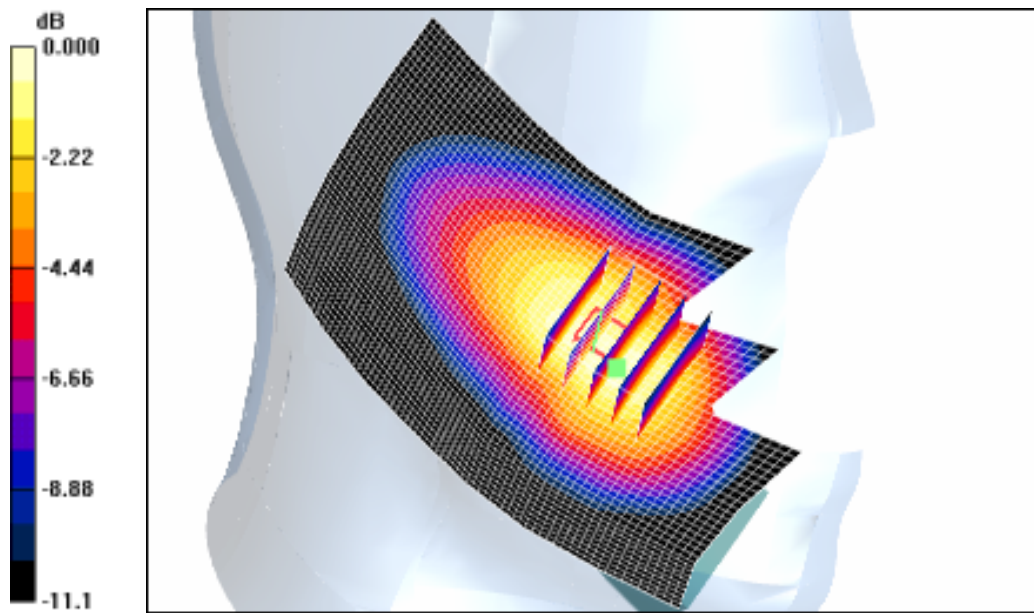
Cheek/Touch, Ch.190, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 32.1 V/m; Power Drift = -0.164 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 1.28 mW/g

Maximum value of SAR (measured) = 1.33 mW/g



SAMSUNG FCC ID : A3LSGHT219 GSM850 HEAD SAR

DUT: SGH-T219; Serial: FD-238-F

Program Name: SGH-T219 GSM850 Left(Job No. : FD-238)

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

Meas. Ambient Temp(celsius)-21.9, Tissue Temp(celsius)-21.4 ;Test Date-13/Dec/2006

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³ ;

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(9.48, 9.48, 9.48); Calibrated: 2006-11-23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn686; Calibrated: 2006-11-20

- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248

- 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) = 0.373 mW/g

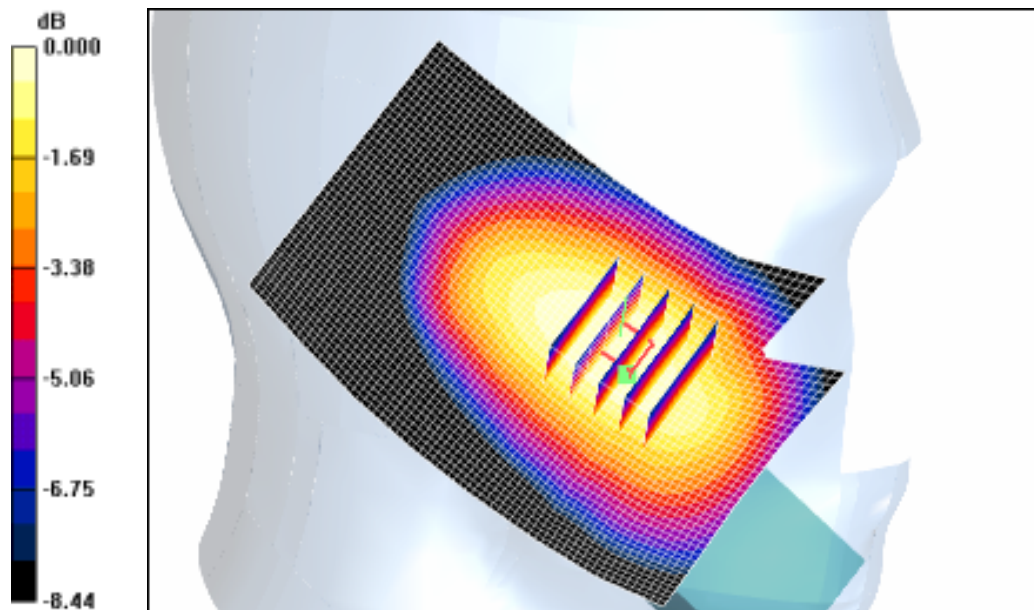
Ear/Tilt, Ch.190, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.4 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.448 W/kg

SAR(1 g) = 0.341 mW/g

Maximum value of SAR (measured) = 0.354 mW/g



0 dB = 0.354mW/g

SAMSUNG FCC ID : A3LSGHT219 GPRS850 Body SAR

DUT: SGH-T219(Body); Serial: FD-238-F

Program Name: SGH-T219 GSM850 Body (Job No. : FD-238)

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

Meas. Ambient Temp(celsius)-22.0, Tissue Temp(celsius)-21.6 ;Test Date-13/Dec/2006

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: EX3DV4 - SN3537; ConvF(9.78, 9.78, 9.78); Calibrated: 2006-11-23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn686; Calibrated: 2006-11-20

- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247

- 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) = 0.953 mW/g

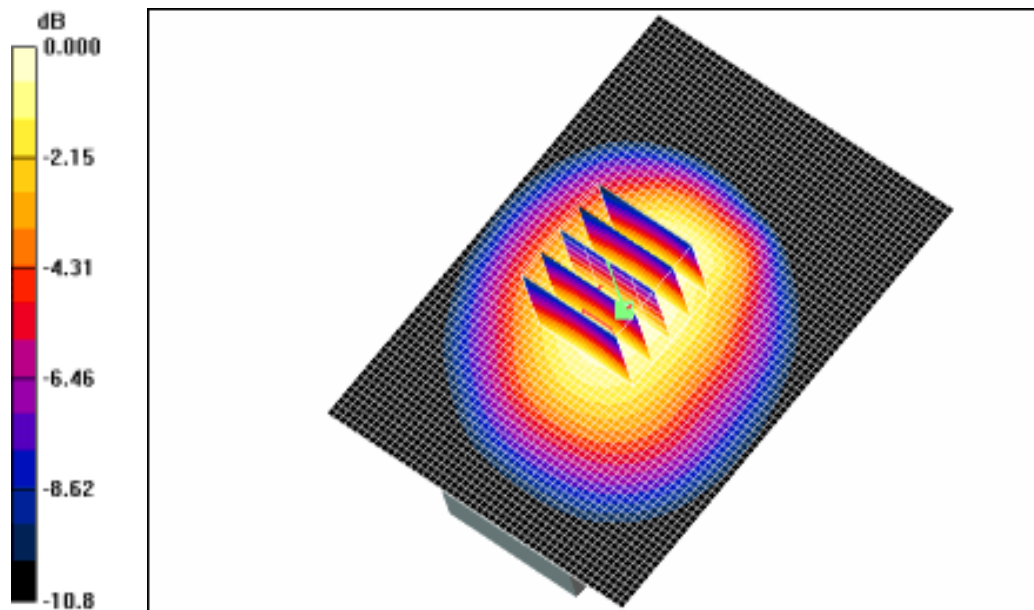
Body, Ch.251, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.0 V/m; Power Drift = -0.064 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.849 mW/g

Maximum value of SAR (measured) = 0.892 mW/g



0 dB = 0.892mW/g

SAMSUNG FCC ID : A3LSGHT219 GSM850 HEAD SAR

DUT: SGH-T219; Serial: FD-238-F

Program Name: SGH-T219 GSM850 Left(Job No. : FD-238)

Procedure Name: Cheek/Touch, Ch.190, Ant.Intenna, Bat.Standard

Meas. Ambient Temp(celsius)-21.9, Tissue Temp(celsius)-21.4 ;Test Date-13/Dec/2006

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 40.4$; $\rho = 1000 \text{ kg/m}^3$;

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(9.48, 9.48, 9.48); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-11-20
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.190, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.29 mW/g

Cheek/Touch, Ch.190, 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 = 32.1 V/m; Power Drift = -0.164 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 1.28 mW/g

Maximum value of SAR (measured) = 1.33 mW/g



SAMSUNG FCC ID : A3LSGHT219 GPRS850 Body SAR

DUT: SGH-T219(Body); Serial: FD-238-F

Program Name: SGH-T219 GSM850 Body (Job No. : FD-238)

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

Meas. Ambient Temp(celsius)-21.9, Tissue Temp(celsius)-21.4 ;Test Date-13/Dec/2006

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: EX3DV4 - SN3537; ConvF(9.78, 9.78, 9.78); Calibrated: 2006-11-23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn686; Calibrated: 2006-11-20

- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247

- 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) = 0.953 mW/g

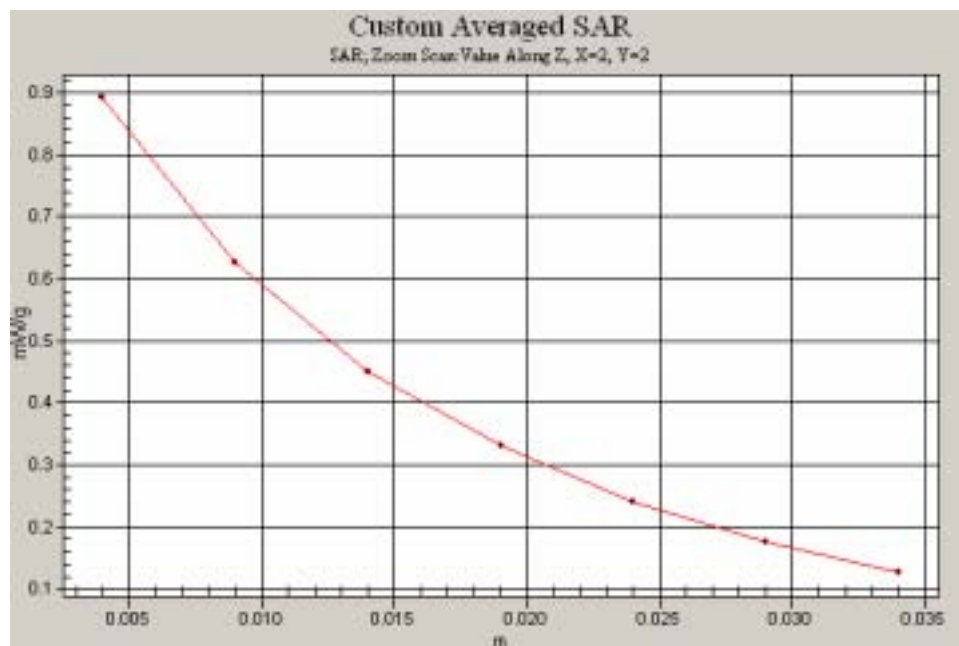
Body, Ch.251, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.0 V/m; Power Drift = -0.064 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.849 mW/g

Maximum value of SAR (measured) = 0.892 mW/g



SAMSUNG FCC ID : A3LSGHT219 GSM1900 HEAD SAR

DUT: SGH-T219; Serial: FD-238-F

Program Name: SGH-T219 GSM1900 Right (Job No. : FD-238)

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

Meas. Ambient Temp(celsius)-21.8, Tissue Temp(celsius)-21.4 ;Test Date-12/Dec/2006

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: EX3DV4 - SN3537; ConvF(8.32, 8.32, 8.32); Calibrated: 2006-11-23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn686; Calibrated: 2006-11-20

- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248

- 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) = 0.463 mW/g

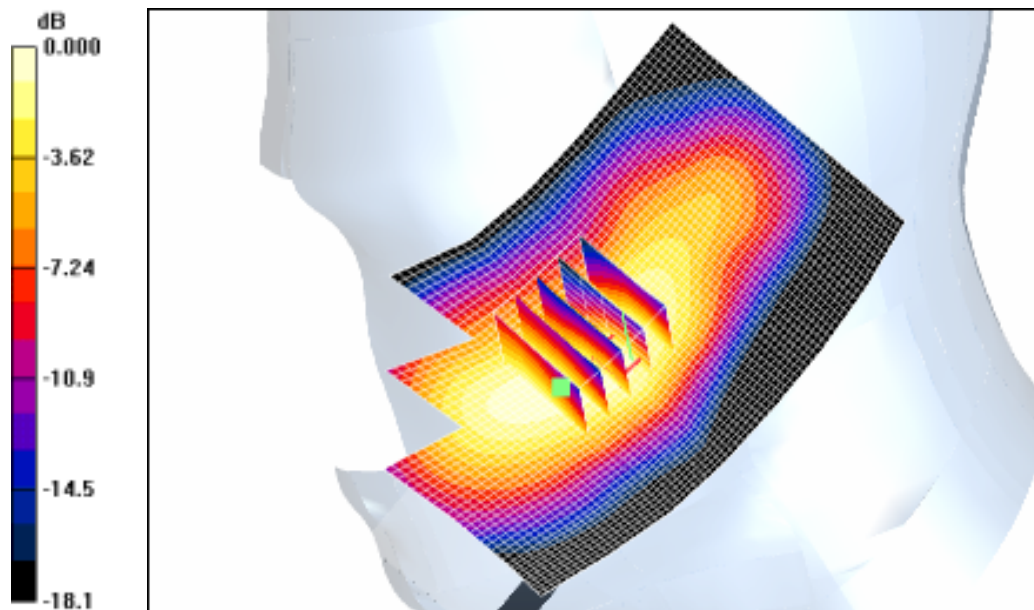
Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.6 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 0.800 W/kg

SAR(1 g) = 0.472 mW/g

Maximum value of SAR (measured) = 0.514 mW/g



0 dB = 0.514mW/g

SAMSUNG FCC ID : A3LSGHT219 GSM1900 HEAD SAR

DUT: SGH-T219; Serial: FD-238-F

Program Name: SGH-T219 GSM1900 Right (Job No. : FD-238)

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

Meas. Ambient Temp(celsius)-21.8, Tissue Temp(celsius)-21.4 ;Test Date-12/Dec/2006

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: EX3DV4 - SN3537; ConvF(8.32, 8.32, 8.32); Calibrated: 2006-11-23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn686; Calibrated: 2006-11-20

- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Maximum value of SAR (interpolated) = 0.186 mW/g

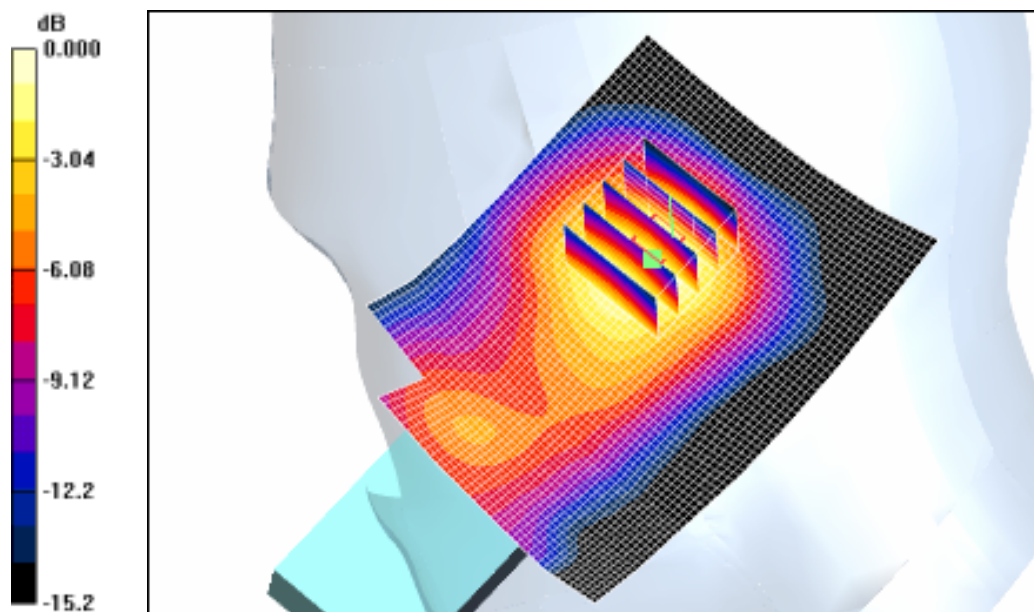
Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.14 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 0.221 W/kg

SAR(1 g) = 0.147 mW/g

Maximum value of SAR (measured) = 0.158 mW/g



0 dB = 0.158mW/g

SAMSUNG FCC ID : A3LSGHT219 GSM1900 HEAD SAR

DUT: SGH-T219; Serial: FD-238-F

Program Name: SGH-T219 GSM1900 Left (Job No. : FD-238)

Procedure Name: Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard

Meas. Ambient Temp(celsius)-21.8, Tissue Temp(celsius)-21.4 ;Test Date-12/Dec/2006

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: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(8.32, 8.32, 8.32); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-11-20
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.617 mW/g

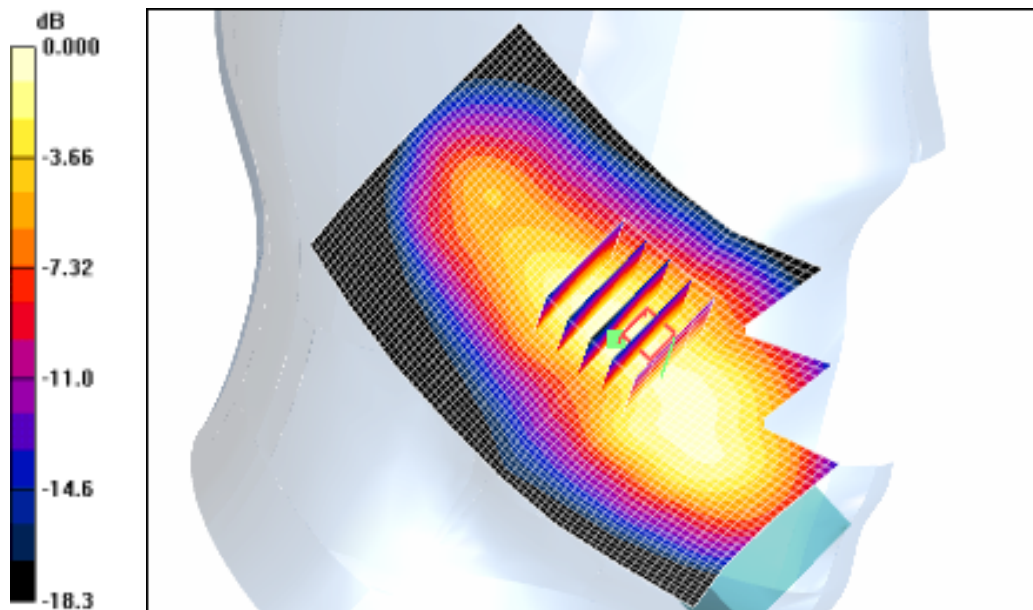
Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.5 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.579 mW/g

Maximum value of SAR (measured) = 0.646 mW/g



0 dB = 0.646mW/g

SAMSUNG FCC ID : A3LSGHT219 GSM1900 HEAD SAR

DUT: SGH-T219; Serial: FD-238-F

Program Name: SGH-T219 GSM1900 Left (Job No. : FD-238)

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

Meas. Ambient Temp(celsius)-21.8, Tissue Temp(celsius)-21.4 ;Test Date-12/Dec/2006

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: EX3DV4 - SN3537; ConvF(8.32, 8.32, 8.32); Calibrated: 2006-11-23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn686; Calibrated: 2006-11-20

- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Maximum value of SAR (interpolated) = 0.179 mW/g

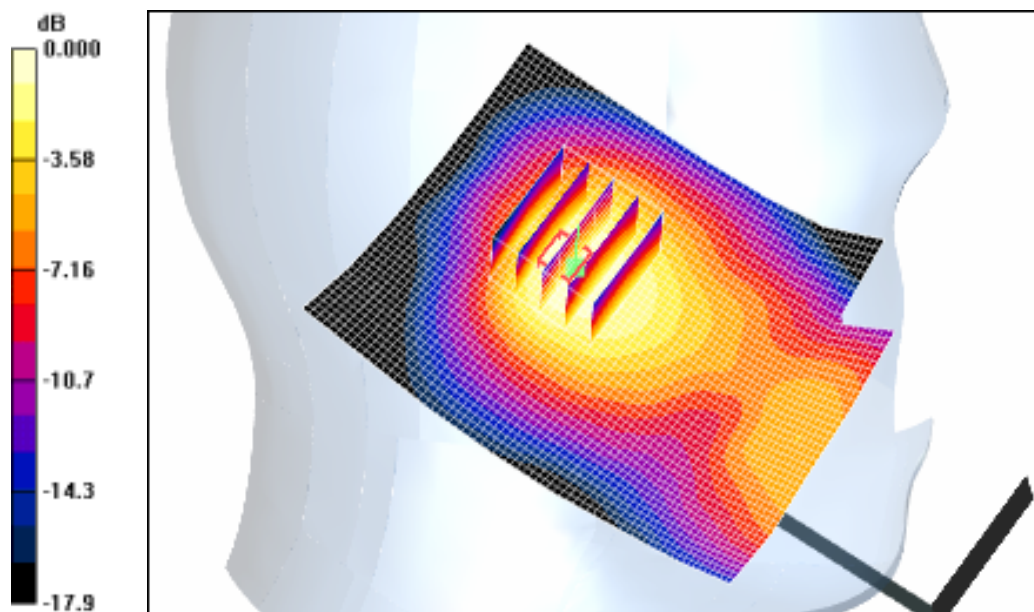
Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.90 V/m; Power Drift = 0.031 dB

Peak SAR (extrapolated) = 0.218 W/kg

SAR(1 g) = 0.147 mW/g

Maximum value of SAR (measured) = 0.156 mW/g



0 dB = 0.156mW/g

SAMSUNG FCC ID : A3LSGHT219 GPRS1900 Body SAR

DUT: SGH-T219(Body); Serial: FD-238-F

Program Name: SGH-T219 GPRS1900 Body (Job No. : FD-238)

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

Meas. Ambient Temp(celsius)-21.9, Tissue Temp(celsius)-21.6 ;Test Date-12/Dec/2006

Communication System: GSM1900 GPRS; Frequency: 1909.8 MHz;Duty Cycle: 1:4.15

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³ ;

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(7.86, 7.86, 7.86); Calibrated: 2006-11-23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn686; Calibrated: 2006-11-20

- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch.810, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.306 mW/g

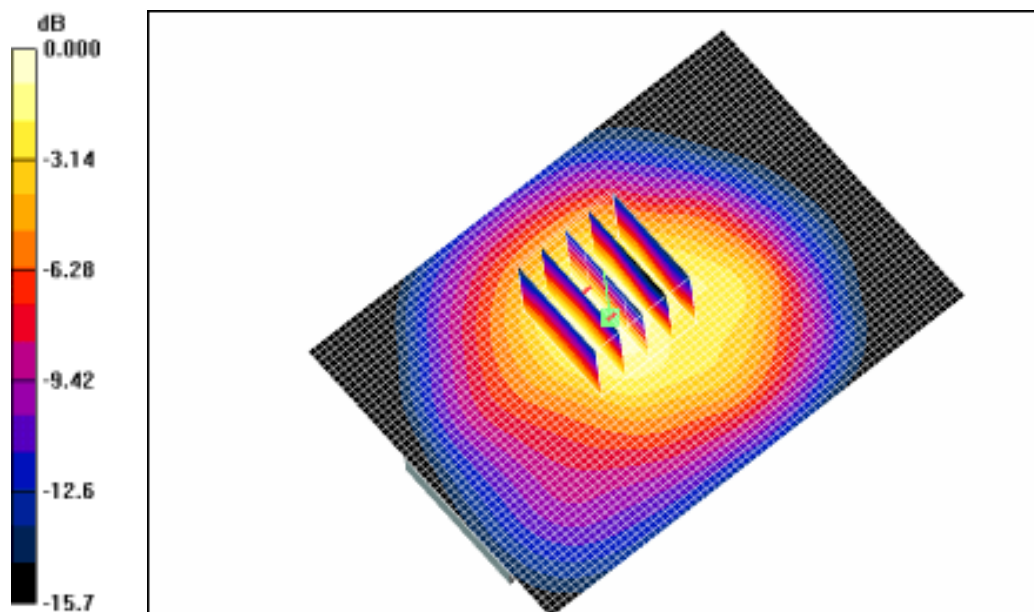
Body, Ch.810, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.05 V/m; Power Drift = 0.097 dB

Peak SAR (extrapolated) = 0.468 W/kg

SAR(1 g) = 0.281 mW/g

Maximum value of SAR (measured) = 0.305 mW/g



0 dB = 0.305mW/g

SAMSUNG FCC ID : A3LSGHT219 GSM1900 HEAD SAR

DUT: SGH-T219; Serial: FD-238-F

Program Name: SGH-T219 GSM1900 Left (Job No. : FD-238)

Procedure Name: Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard

Meas. Ambient Temp(celsius)-21.9, Tissue Temp(celsius)-21.4 ;Test Date-12/Dec/2006

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: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(8.32, 8.32, 8.32); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-11-20
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.617 mW/g

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.5 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.579 mW/g

Maximum value of SAR (measured) = 0.646 mW/g



SAMSUNG FCC ID : A3LSGHT219 GPRS1900 Body SAR

DUT: SGH-T219(Body); Serial: FD-238-F

Program Name: SGH-T219 GPRS1900 Body (Job No. : FD-238)

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

Meas. Ambient Temp(celsius)-21.9, Tissue Temp(celsius)-21.6 ;Test Date-12/Dec/2006

Communication System: GSM1900 GPRS; Frequency: 1909.8 MHz;Duty Cycle: 1:4.15

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³ ;

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(7.86, 7.86, 7.86); Calibrated: 2006-11-23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn686; Calibrated: 2006-11-20

- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch.810, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.306 mW/g

Body, Ch.810, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.05 V/m; Power Drift = 0.097 dB

Peak SAR (extrapolated) = 0.468 W/kg

SAR(1 g) = 0.281 mW/g

Maximum value of SAR (measured) = 0.305 mW/g

