

Date/Time: 28-Jul-2010

Test Laboratory: QuieTek Lab

PCS 1900 Low Left-Touch

DUT: GSM and GPRS Digital Mobile Phone; Type: GM602

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Duty Cycle: 1:8; Frequency: 1850.2 MHz; Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³; Phantom section: Left Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.69, 7.69, 7.69); Calibrated: 05/03/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 09/03/2010
- Phantom: SAM1; Type: SAM; Serial: TP1561
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

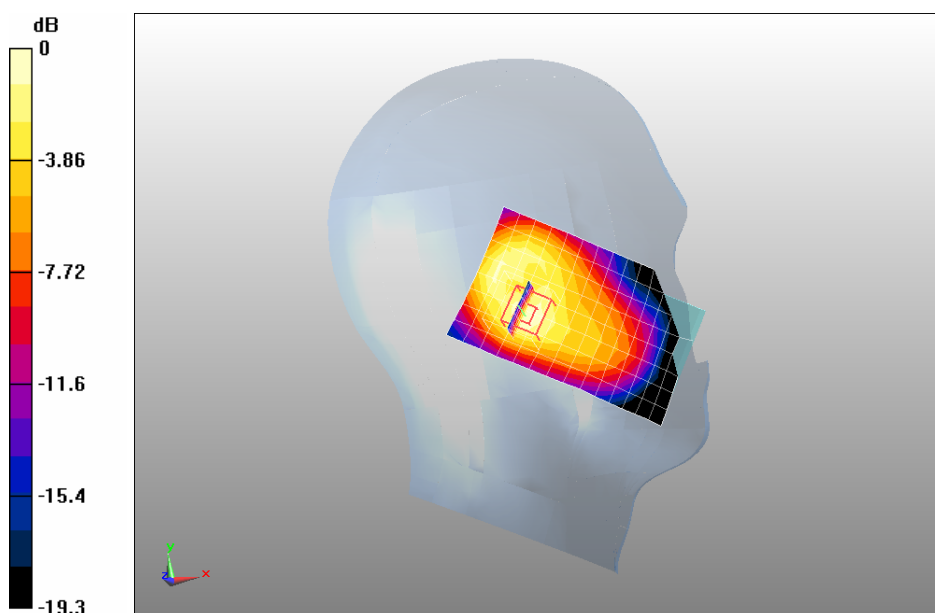
Configuration/PCS 1900 Low Left-Touch/Area Scan (9x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.197 mW/g

Configuration/PCS 1900 Low Left-Touch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm, Reference Value = 7.1 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.354 W/kg

SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.100 mW/g Maximum value of SAR (measured) = 0.216 mW/g



0 dB = 0.216mW/g

Date/Time: 28-Jul-2010

Test Laboratory: QuieTek Lab

PCS 1900 Mid Left-Touch

DUT: GSM and GPRS Digital Mobile Phone; Type: GM602

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Duty Cycle: 1:8; Frequency: 1880 MHz; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.5$;

$\rho = 1000$ kg/m³; Phantom section: Left Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.69, 7.69, 7.69); Calibrated: 05/03/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 09/03/2010
- Phantom: SAM1; Type: SAM; Serial: TP1561
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

Configuration/PCS 1900 Mid Left-Touch/Area Scan (9x15x1): Measurement grid: dx=10mm, dy=10mm

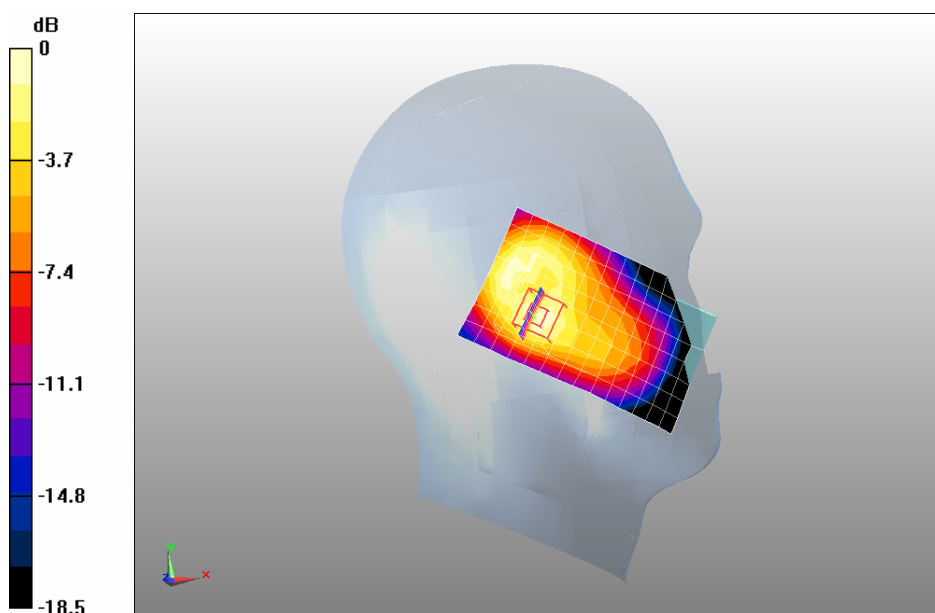
Maximum value of SAR (measured) = 0.247 mW/g

Configuration/PCS 1900 Mid Left-Touch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

dy=5mm, dz=5mm, Reference Value = 7.3 V/m; Power Drift = 0.044 dB

Peak SAR (extrapolated) = 0.439 W/kg

SAR(1 g) = 0.238 mW/g; SAR(10 g) = 0.124 mW/g Maximum value of SAR (measured) = 0.264 mW/g



0 dB = 0.264mW/g

Date/Time: 28-Jul-2010

Test Laboratory: QuieTek Lab

PCS 1900 High Left-Touch

DUT: GSM and GPRS Digital Mobile Phone; Type: GM602

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Duty Cycle: 1:8; Frequency: 1909.8 MHz; Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³; Phantom section: Left Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.69, 7.69, 7.69); Calibrated: 05/03/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 09/03/2010
- Phantom: SAM1; Type: SAM; Serial: TP1561
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

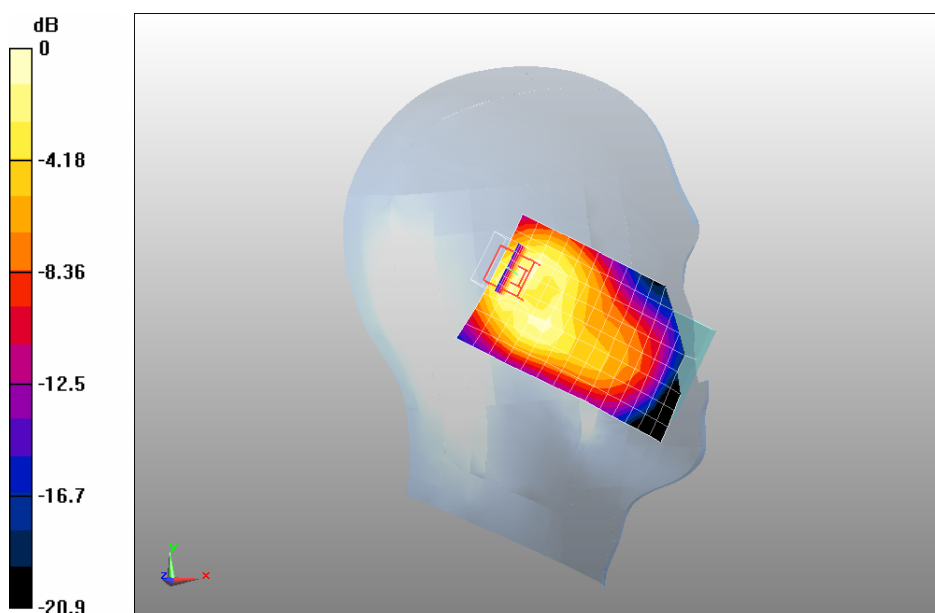
Configuration/PCS 1900 High Left-Touch/Area Scan (9x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.327 mW/g

Configuration/PCS 1900 High Left-Touch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm, Reference Value = 7.3 V/m; Power Drift = 0.115 dB

Peak SAR (extrapolated) = 0.589 W/kg

SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.156 mW/g Maximum value of SAR (measured) = 0.353 mW/g



0 dB = 0.353mW/g

Date/Time: 28-Jul-2010

Test Laboratory: QuieTek Lab

PCS 1900 Mid Left-Tilt

DUT: GSM and GPRS Digital Mobile Phone; Type: GM602

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Duty Cycle: 1:8; Frequency: 1880 MHz; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.5$;

$\rho = 1000$ kg/m³; Phantom section: Left Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.69, 7.69, 7.69); Calibrated: 05/03/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 09/03/2010
- Phantom: SAM1; Type: SAM; Serial: TP1561
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

Configuration/PCS 1900 Mid Left-Tilt/Area Scan (9x15x1): Measurement grid: dx=10mm, dy=10mm

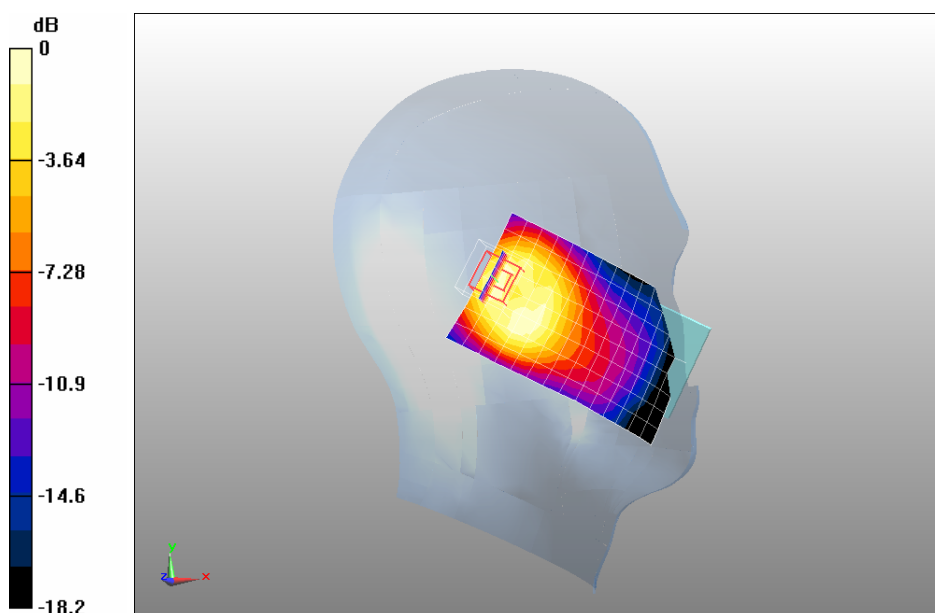
Maximum value of SAR (measured) = 0.263 mW/g

Configuration/PCS 1900 Mid Left-Tilt/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

dy=5mm, dz=5mm, Reference Value = 8.51 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 0.423 W/kg

SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.121 mW/g Maximum value of SAR (measured) = 0.264 mW/g



0 dB = 0.264mW/g

Date/Time: 28-Jul-2010

Test Laboratory: QuieTek Lab

PCS 1900 Low Right-Touch

DUT: GSM and GPRS Digital Mobile Phone; Type: GM602

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Duty Cycle: 1:8; Frequency: 1850.2 MHz; Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r =$

39.6; $\rho = 1000$ kg/m³; Phantom section: Right Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.69, 7.69, 7.69); Calibrated: 05/03/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 09/03/2010
- Phantom: SAM1; Type: SAM; Serial: TP1561
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

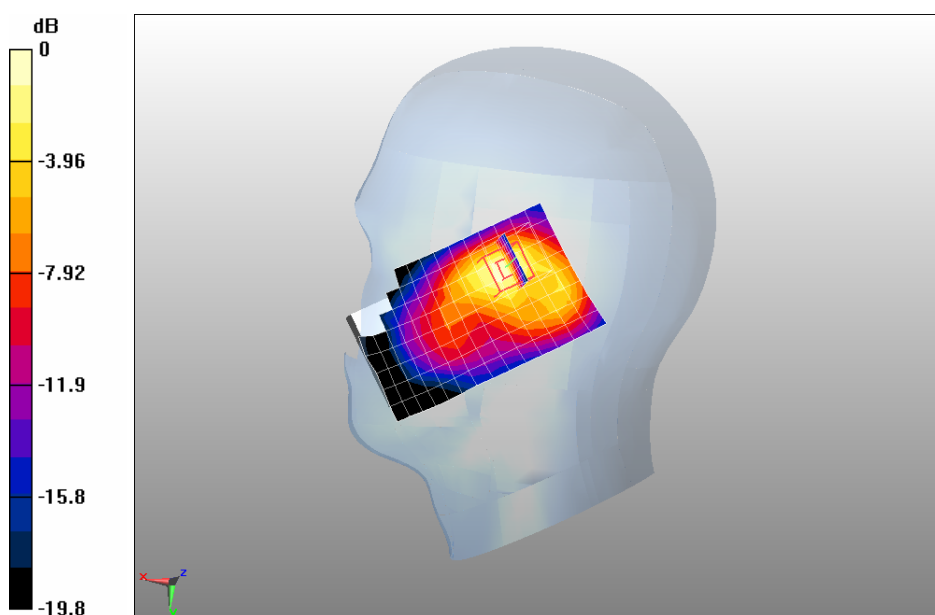
Configuration/PCS 1900 Low Right-Touch/Area Scan (9x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.335 mW/g

Configuration/PCS 1900 Low Right-Touch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm, Reference Value = 8.59 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.656 W/kg

SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.170 mW/g Maximum value of SAR (measured) = 0.387 mW/g



0 dB = 0.387mW/g

Date/Time: 28-Jul-2010

Test Laboratory: QuieTek Lab

PCS 1900 Mid Right-Touch

DUT: GSM and GPRS Digital Mobile Phone; Type: GM602

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Duty Cycle: 1:8; Frequency: 1880 MHz; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.5$;

$\rho = 1000$ kg/m³; Phantom section: Right Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.69, 7.69, 7.69); Calibrated: 05/03/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 09/03/2010
- Phantom: SAM1; Type: SAM; Serial: TP1561
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

Configuration/PCS 1900 Mid Right-Touch/Area Scan (9x15x1): Measurement grid: dx=10mm, dy=10mm

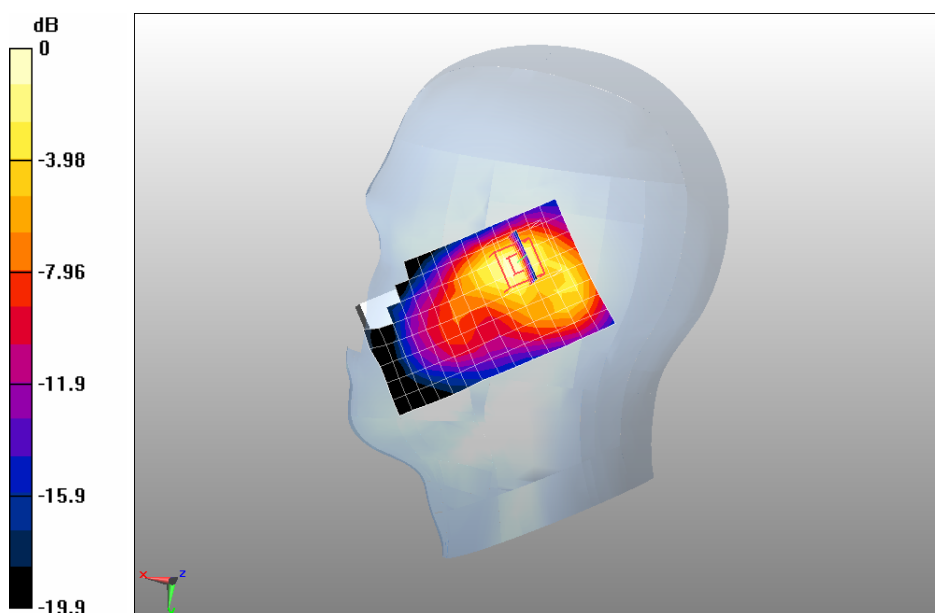
Maximum value of SAR (measured) = 0.401 mW/g

Configuration/PCS 1900 Mid Right-Touch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

dy=5mm, dz=5mm, Reference Value = 8.86 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 0.803 W/kg

SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.207 mW/g Maximum value of SAR (measured) = 0.477 mW/g



0 dB = 0.477mW/g

Date/Time: 28-Jul-2010

Test Laboratory: QuieTek Lab

PCS 1900 High Right-Touch

DUT: GSM and GPRS Digital Mobile Phone; Type: GM602

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Duty Cycle: 1:8; Frequency: 1909.8 MHz; Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r =$

39.4; $\rho = 1000$ kg/m³; Phantom section: Right Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.69, 7.69, 7.69); Calibrated: 05/03/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 09/03/2010
- Phantom: SAM1; Type: SAM; Serial: TP1561
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

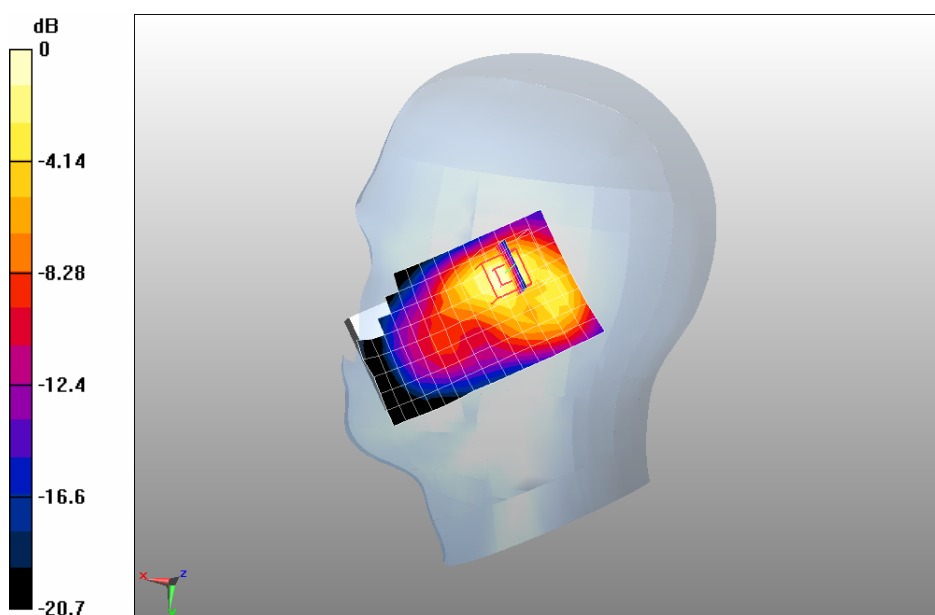
Configuration/PCS 1900 High Right-Touch/Area Scan (9x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.519 mW/g

Configuration/PCS 1900 High Right-Touch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm, Reference Value = 9.58 V/m; Power Drift = -0.078 dB

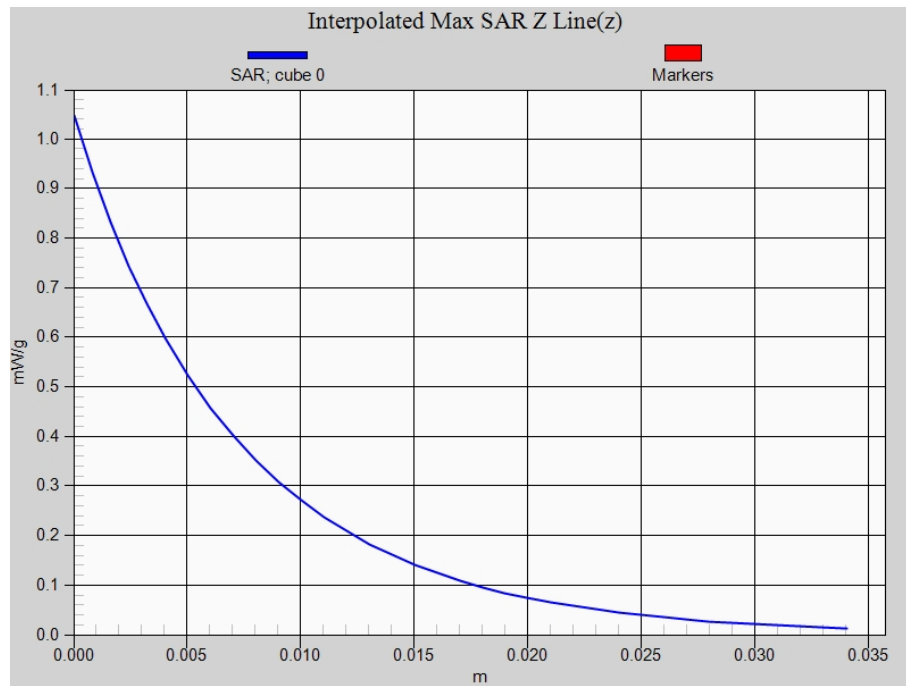
Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.540 mW/g; SAR(10 g) = 0.266 mW/g Maximum value of SAR (measured) = 0.611 mW/g



0 dB = 0.611mW/g

Z-Axis Plot



Date/Time: 28-Jul-2010

Test Laboratory: QuieTek Lab

PCS 1900 Mid Right-Tilt

DUT: GSM and GPRS Digital Mobile Phone; Type: GM602

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Duty Cycle: 1:8; Frequency: 1880 MHz; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.5$;

$\rho = 1000$ kg/m³; Phantom section: Right Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.69, 7.69, 7.69); Calibrated: 05/03/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 09/03/2010
- Phantom: SAM1; Type: SAM; Serial: TP1561
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

Configuration/PCS 1900 Mid Right-Tilt/Area Scan (9x15x1): Measurement grid: dx=10mm, dy=10mm

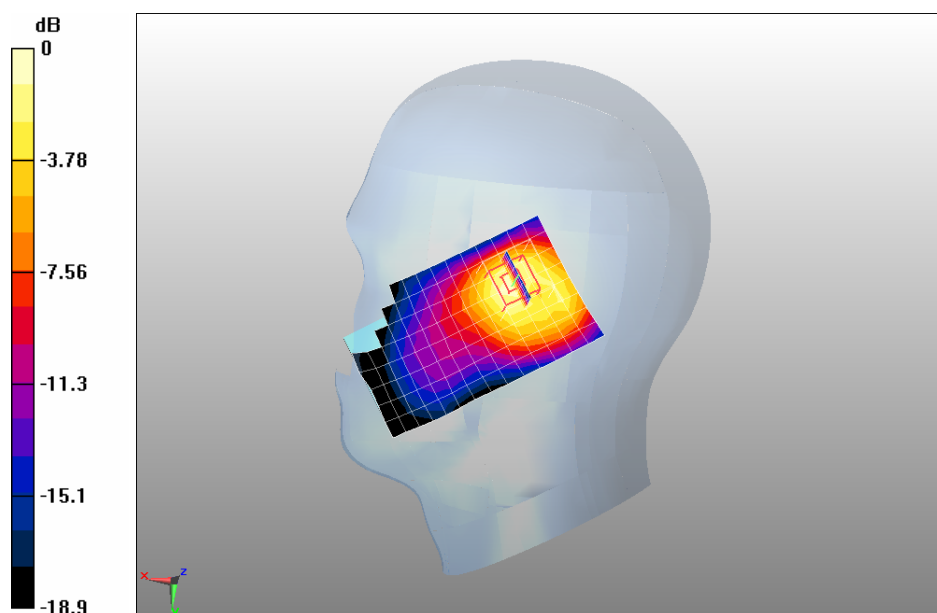
Maximum value of SAR (measured) = 0.387 mW/g

Configuration/PCS 1900 Mid Right-Tilt/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

dy=5mm, dz=5mm, Reference Value = 12.6 V/m; Power Drift = -0.139 dB

Peak SAR (extrapolated) = 0.652 W/kg

SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.178 mW/g Maximum value of SAR (measured) = 0.387 mW/g



0 dB = 0.387mW/g

Date/Time: 02-Aug-2010

Test Laboratory: QuieTek Lab

PCS 1900 Low Body-Back

DUT: GSM and GPRS Digital Mobile Phone; Type: GM602

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Duty Cycle: 1:8; Frequency: 1850.2 MHz; Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r =$

52.7; $\rho = 1000$ kg/m³; Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.71, 7.71, 7.71); Calibrated: 05/03/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 09/03/2010
- Phantom: SAM1; Type: SAM; Serial: TP1561
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

Configuration/PCS 1900 Low Body-Back/Area Scan (9x15x1): Measurement grid: dx=10mm, dy=10mm

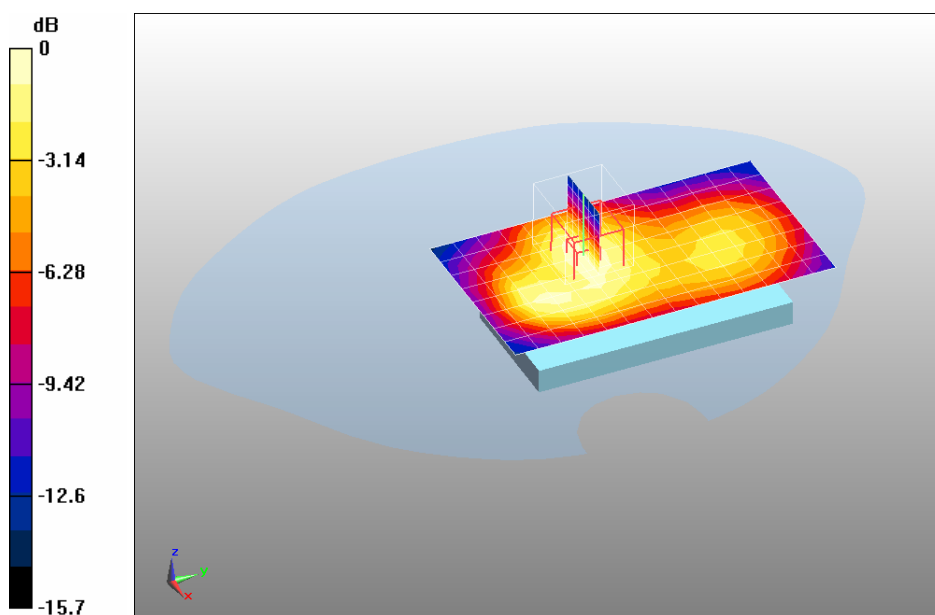
Maximum value of SAR (measured) = 0.144 mW/g

Configuration/PCS 1900 Low Body-Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

dy=5mm, dz=5mm, Reference Value = 8.6 V/m; Power Drift = -0.120 dB

Peak SAR (extrapolated) = 0.223 W/kg

SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.078 mW/g Maximum value of SAR (measured) = 0.147 mW/g



0 dB = 0.147mW/g

Date/Time: 02-Aug-2010

Test Laboratory: QuieTek Lab

PCS 1900 Mid Body-Back

DUT: GSM and GPRS Digital Mobile Phone; Type: GM602

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Duty Cycle: 1:8; Frequency: 1880 MHz; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r =$

52.6; $\rho = 1000$ kg/m³; Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.71, 7.71, 7.71); Calibrated: 05/03/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 09/03/2010
- Phantom: SAM1; Type: SAM; Serial: TP1561
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

Configuration/PCS 1900 Mid Body-Back/Area Scan (9x15x1): Measurement grid: dx=10mm, dy=10mm

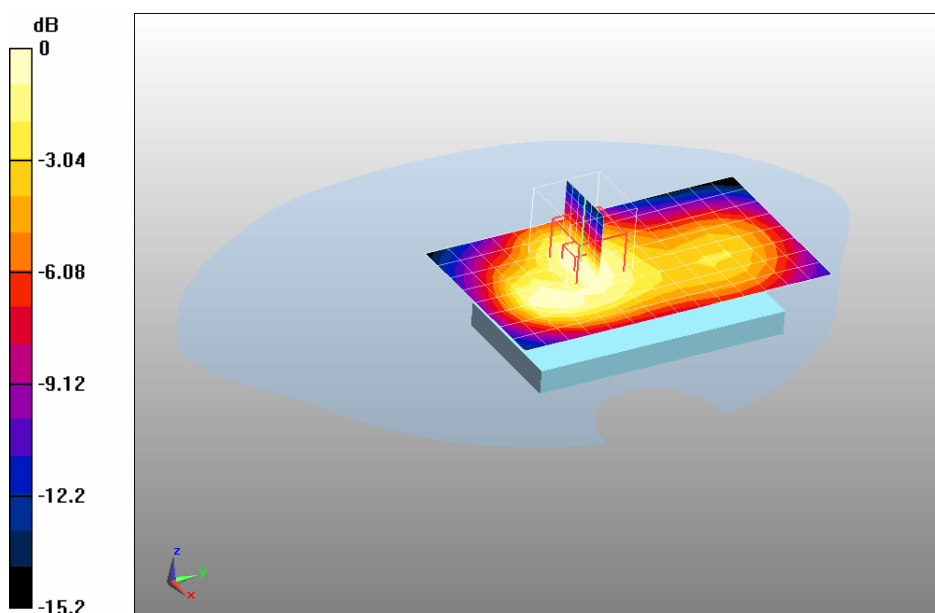
Maximum value of SAR (measured) = 0.195 mW/g

Configuration/PCS 1900 Mid Body-Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

dy=5mm, dz=5mm, Reference Value = 10.5 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 0.303 W/kg

SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.107 mW/g Maximum value of SAR (measured) = 0.198 mW/g



0 dB = 0.198mW/g

Date/Time: 02-Aug-2010

Test Laboratory: QuieTek Lab

PCS 1900 High Body-Back

DUT: GSM and GPRS Digital Mobile Phone; Type: GM602

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Duty Cycle: 1:8; Frequency: 1909.8 MHz; Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r =$

52.6; $\rho = 1000$ kg/m³; Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.71, 7.71, 7.71); Calibrated: 05/03/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 09/03/2010
- Phantom: SAM1; Type: SAM; Serial: TP1561
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

Configuration/PCS 1900 High Body-Back/Area Scan (9x15x1): Measurement grid: dx=10mm, dy=10mm

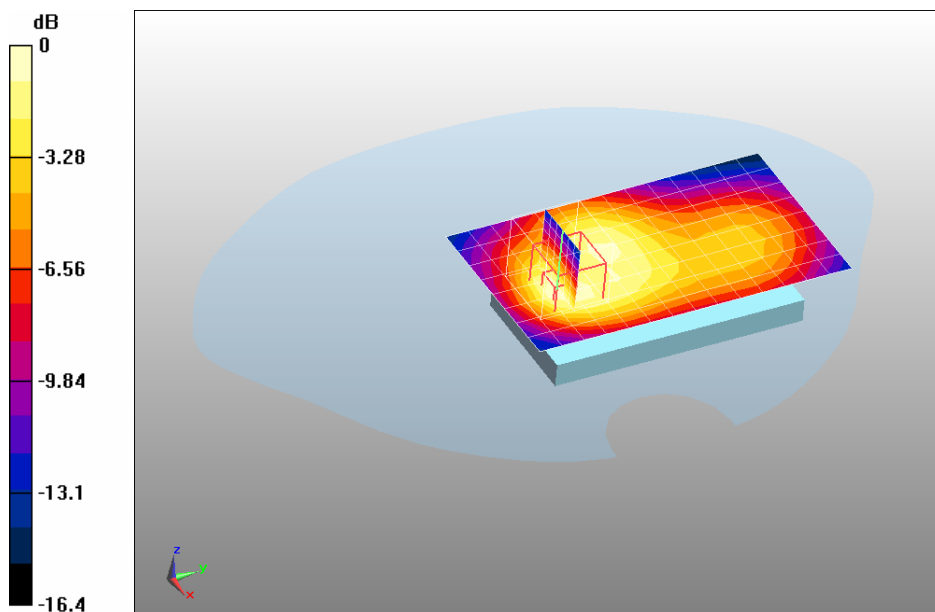
Maximum value of SAR (measured) = 0.264 mW/g

Configuration/PCS 1900 High Body-Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

dy=5mm, dz=5mm, Reference Value = 12.6 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 0.413 W/kg

SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.144 mW/g Maximum value of SAR (measured) = 0.282 mW/g



0 dB = 0.282mW/g

Date/Time: 02-Aug-2010

Test Laboratory: QuieTek Lab

PCS 1900 Mid Body-Front

DUT: GSM and GPRS Digital Mobile Phone; Type: GM602

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Duty Cycle: 1:8; Frequency: 1880 MHz; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r =$

52.6; $\rho = 1000$ kg/m³; Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.71, 7.71, 7.71); Calibrated: 05/03/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 09/03/2010
- Phantom: SAM1; Type: SAM; Serial: TP1561
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

Configuration/PCS 1900 Mid Body-Front/Area Scan (9x15x1): Measurement grid: dx=10mm, dy=10mm

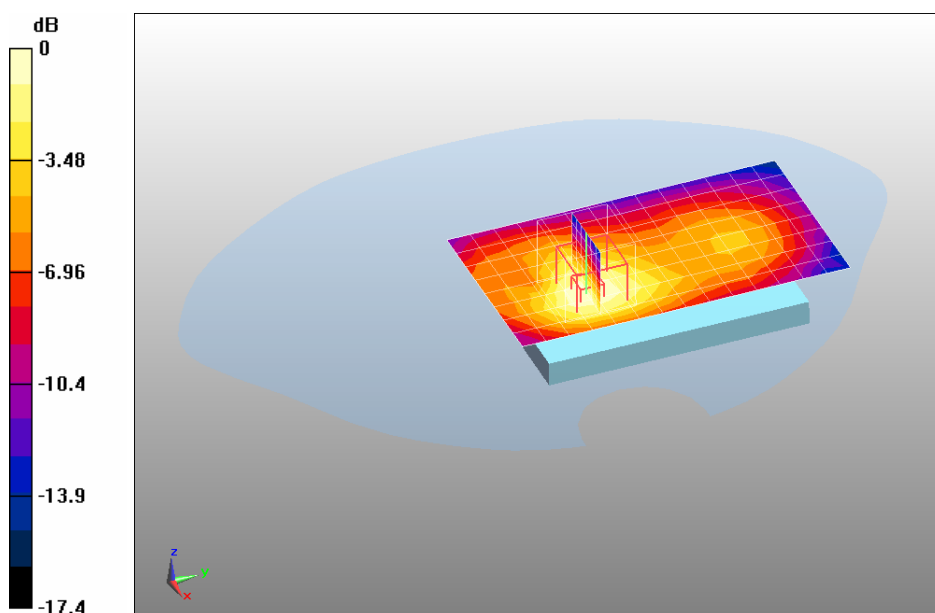
Maximum value of SAR (measured) = 0.083 mW/g

Configuration/PCS 1900 Mid Body-Front/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

dy=5mm, dz=5mm, Reference Value = 4.6 V/m; Power Drift = 0.042 dB

Peak SAR (extrapolated) = 0.125 W/kg

SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.046 mW/g Maximum value of SAR (measured) = 0.086 mW/g



0 dB = 0.086mW/g

Date/Time: 02-Aug-2010

Test Laboratory: QuieTek Lab

GPRS 1900 Low Body-Back(1up)

DUT: GSM and GPRS Digital Mobile Phone; Type: GM602

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Duty Cycle: 1:8; Frequency: 1850.2 MHz; Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.71, 7.71, 7.71); Calibrated: 05/03/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 09/03/2010
- Phantom: SAM2; Type: SAM; Serial: TP1562
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

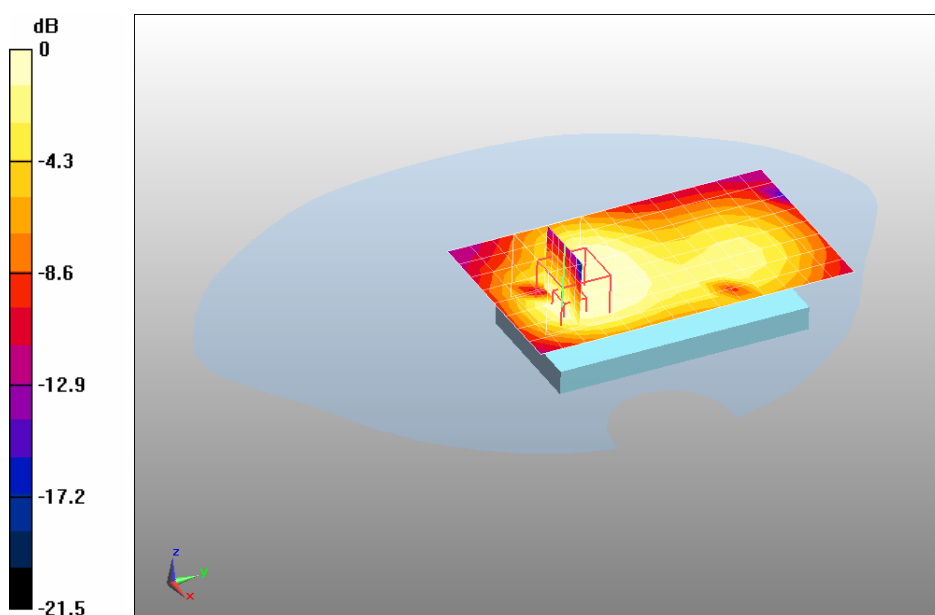
Configuration/GPRS 1900 Low Body-Back/Area Scan (9x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.130 mW/g

Configuration/GPRS 1900 Low Body-Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm, Reference Value = 7.06 V/m; Power Drift = -0.099 dB

Peak SAR (extrapolated) = 0.252 W/kg

SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.061 mW/g Maximum value of SAR (measured) = 0.116 mW/g



0 dB = 0.116mW/g

Date/Time: 02-Aug-2010

Test Laboratory: QuieTek Lab

GPRS 1900 Mid Body-Back(1up)

DUT: GSM and GPRS Digital Mobile Phone; Type: GM602

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Duty Cycle: 1:8; Frequency: 1880 MHz; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r =$

52.6; $\rho = 1000$ kg/m³; Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.71, 7.71, 7.71); Calibrated: 05/03/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 09/03/2010
- Phantom: SAM2; Type: SAM; Serial: TP1562
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

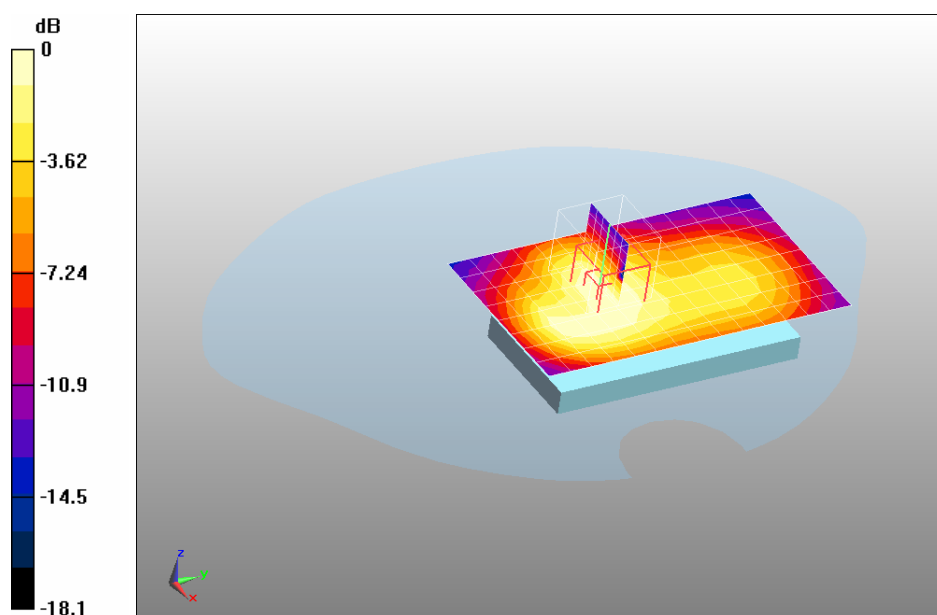
Configuration/GPRS 1900 Mid Body-Back/Area Scan (9x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.184 mW/g

Configuration/GPRS 1900 Mid Body-Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm, Reference Value = 9.09 V/m; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 0.281 W/kg

SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.101 mW/g Maximum value of SAR (measured) = 0.187 mW/g



0 dB = 0.187mW/g

Date/Time: 02-Aug-2010

Test Laboratory: QuieTek Lab

GPRS 1900 High Body-Back(1up)

DUT: GSM and GPRS Digital Mobile Phone; Type: GM602

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Duty Cycle: 1:8; Frequency: 1909.8 MHz; Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.71, 7.71, 7.71); Calibrated: 05/03/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 09/03/2010
- Phantom: SAM2; Type: SAM; Serial: TP1562
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

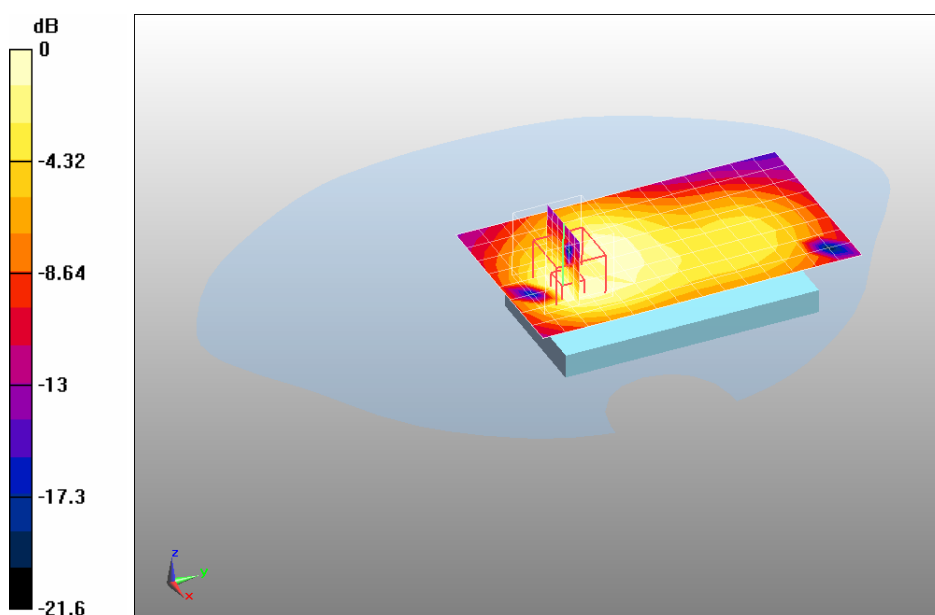
Configuration/GPRS 1900 High Body-Back/Area Scan (9x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.241 mW/g

Configuration/GPRS 1900 High Body-Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm, Reference Value = 11 V/m; Power Drift = -0.115 dB

Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.124 mW/g Maximum value of SAR (measured) = 0.255 mW/g



0 dB = 0.255mW/g

Date/Time: 02-Aug-2010

Test Laboratory: QuieTek Lab

GPRS 1900 Mid Body-Front(1up)

DUT: GSM and GPRS Digital Mobile Phone; Type: GM602

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Duty Cycle: 1:8; Frequency: 1880 MHz; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r =$

52.6; $\rho = 1000$ kg/m³; Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.71, 7.71, 7.71); Calibrated: 05/03/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 09/03/2010
- Phantom: SAM2; Type: SAM; Serial: TP1562
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

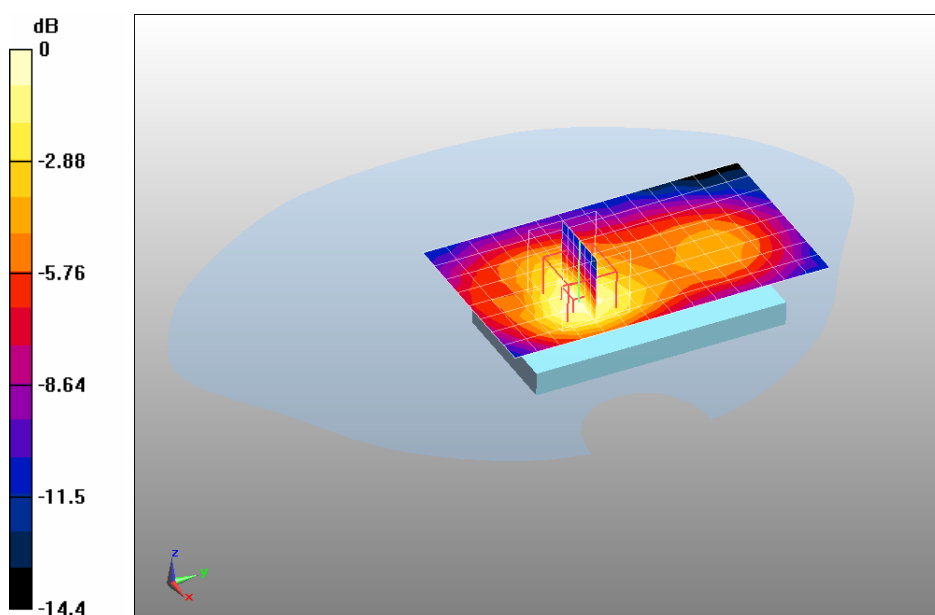
Configuration/GPRS 1900 Mid Body-Front/Area Scan (9x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.082 mW/g

Configuration/GPRS 1900 Mid Body-Front/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm, Reference Value = 4.23 V/m; Power Drift = 0.128 dB

Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.045 mW/g Maximum value of SAR (measured) = 0.084 mW/g



0 dB = 0.084mW/g

Date/Time: 02-Aug-2010

Test Laboratory: QuieTek Lab

GPRS 1900 Mid Body-Back(1up) (With Headset)

DUT: GSM and GPRS Digital Mobile Phone; Type: GM602

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Duty Cycle: 1:8; Frequency: 1880 MHz; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r =$

52.6; $\rho = 1000$ kg/m³; Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.71, 7.71, 7.71); Calibrated: 05/03/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 09/03/2010
- Phantom: SAM2; Type: SAM; Serial: TP1562
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

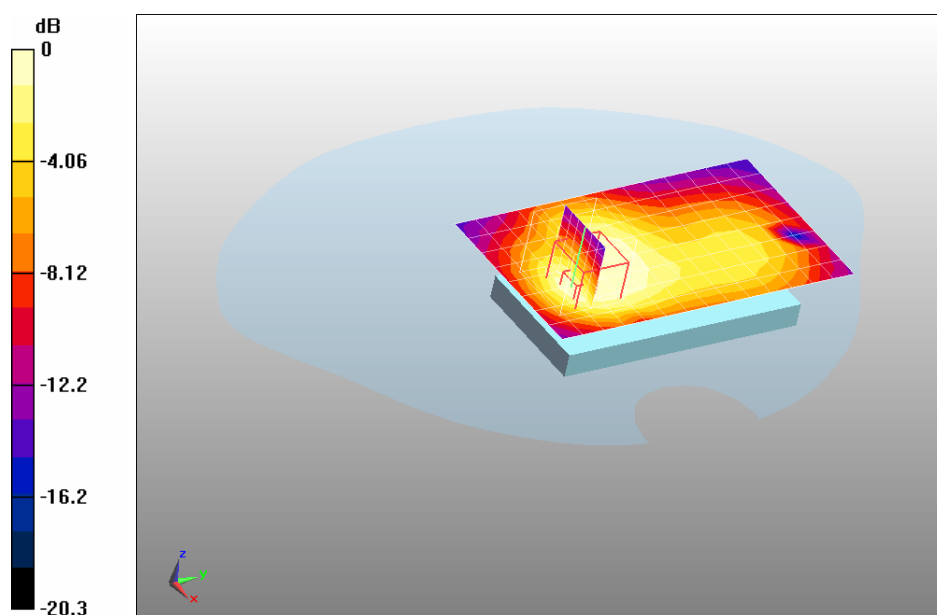
Configuration/GPRS 1900 Mid Body-Back/Area Scan (9x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.184 mW/g

Configuration/GPRS 1900 Mid Body-Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm, Reference Value = 9.28 V/m; Power Drift = -0.105 dB

Peak SAR (extrapolated) = 0.291 W/kg

SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.097 mW/g Maximum value of SAR (measured) = 0.188 mW/g



0 dB = 0.188mW/g

Date/Time: 28-Jul-2010

Test Laboratory: QuieTek Lab

PCS 1900 Mid Right-Touch <SIM 1>

DUT: GSM and GPRS Digital Mobile Phone; Type: GM602

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Duty Cycle: 1:8; Frequency: 1880 MHz; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.5$;

$\rho = 1000$ kg/m³; Phantom section: Right Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.69, 7.69, 7.69); Calibrated: 05/03/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 09/03/2010
- Phantom: SAM1; Type: SAM; Serial: TP1561
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

Configuration/PCS 1900 Mid Right-Touch/Area Scan (9x15x1): Measurement grid: dx=10mm, dy=10mm

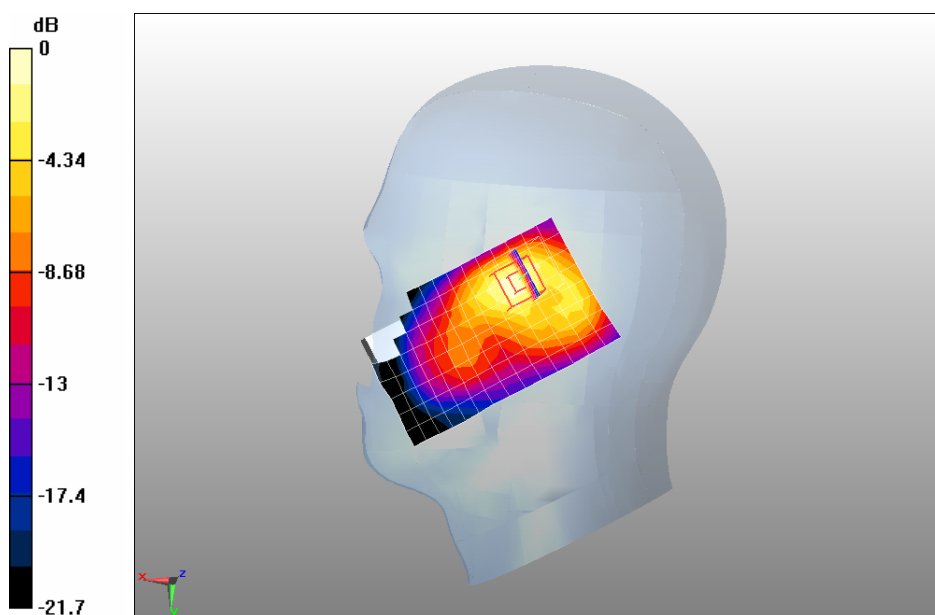
Maximum value of SAR (measured) = 0.436 mW/g

Configuration/PCS 1900 Mid Right-Touch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

dy=5mm, dz=5mm, Reference Value = 8.35 V/m; Power Drift = 0.104 dB

Peak SAR (extrapolated) = 0.771 W/kg

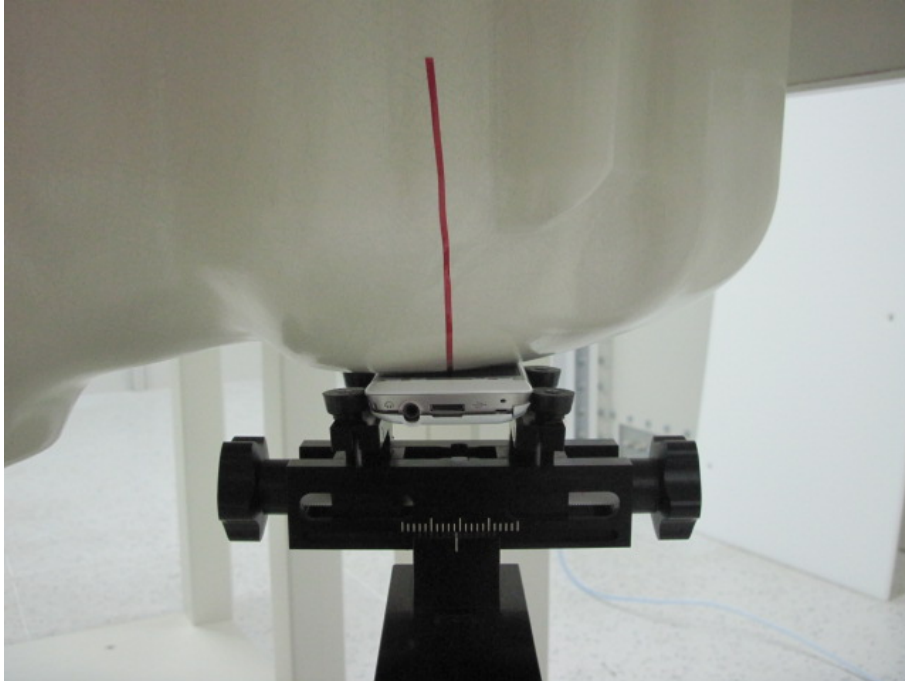
SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.203 mW/g Maximum value of SAR (measured) = 0.461 mW/g



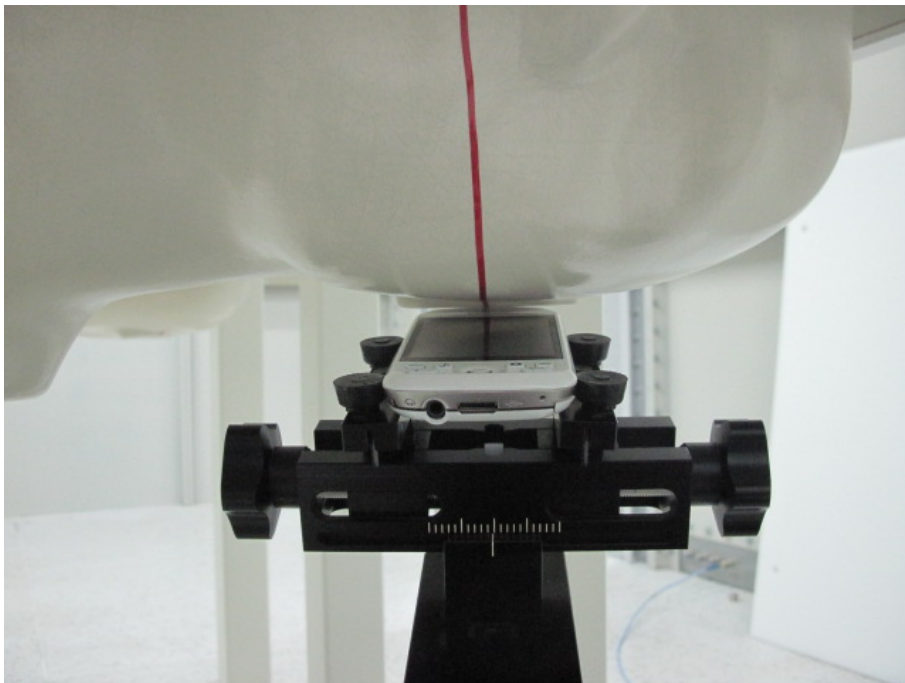
0 dB = 0.461mW/g

Appendix C. Test Setup Photographs & EUT Photographs

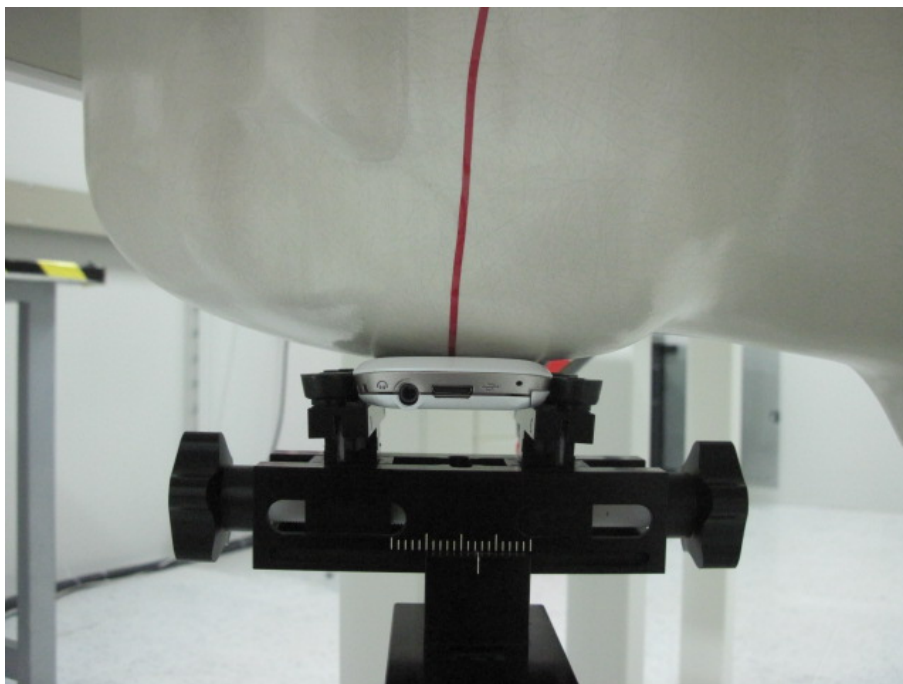
Test Setup Photographs



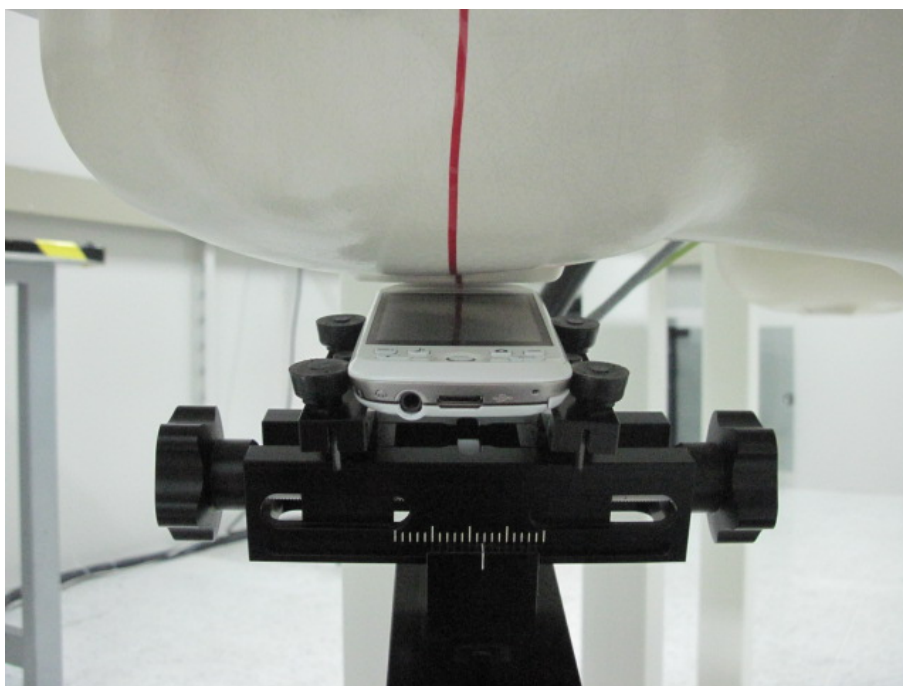
Left-Cheek Touch



Left-Tilt 15°



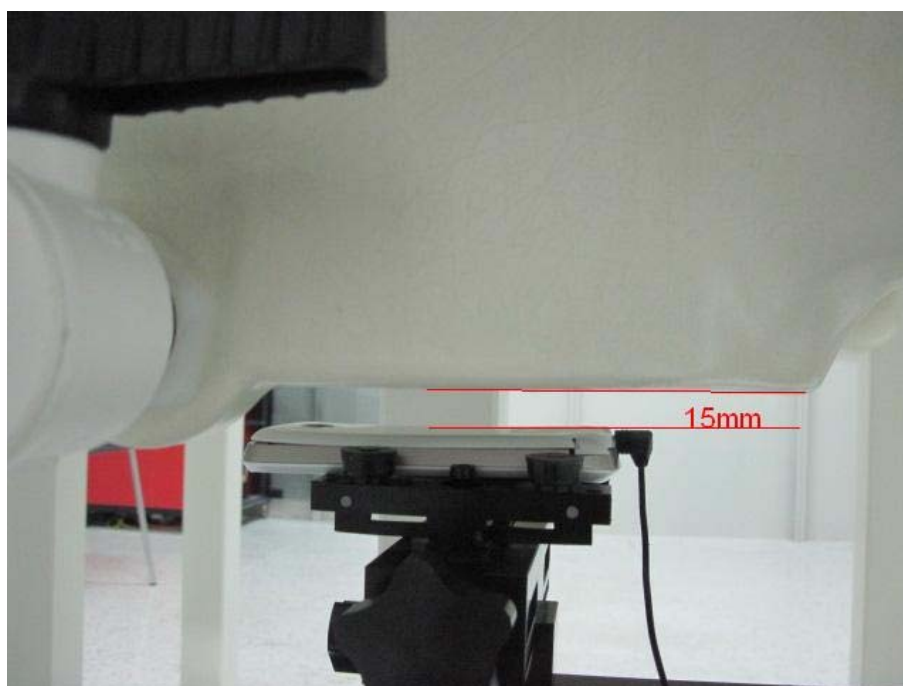
Right-Cheek Touch



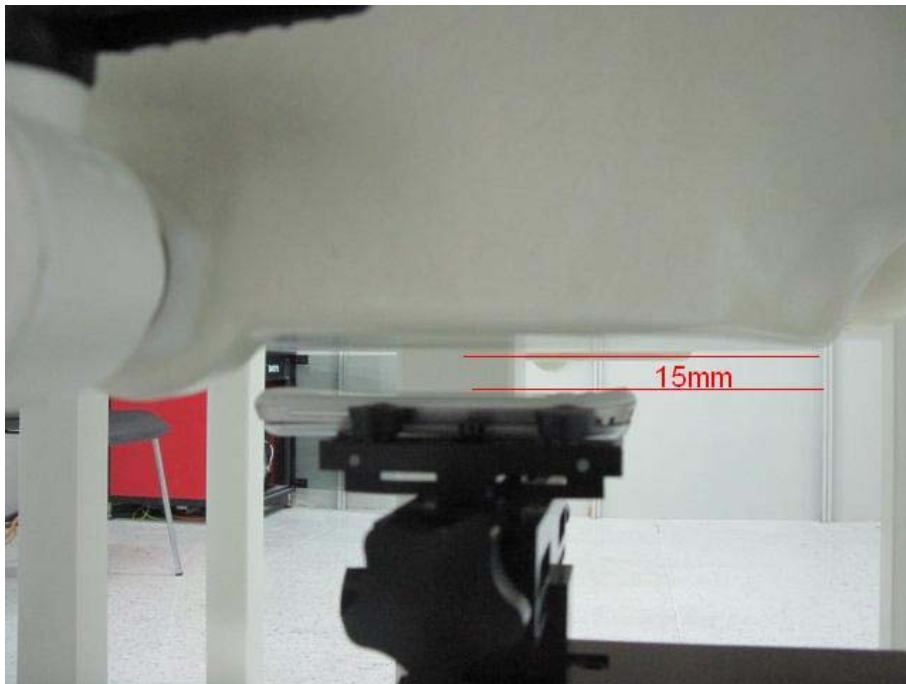
Right-Tilt 15°



Body SAR back 15mm



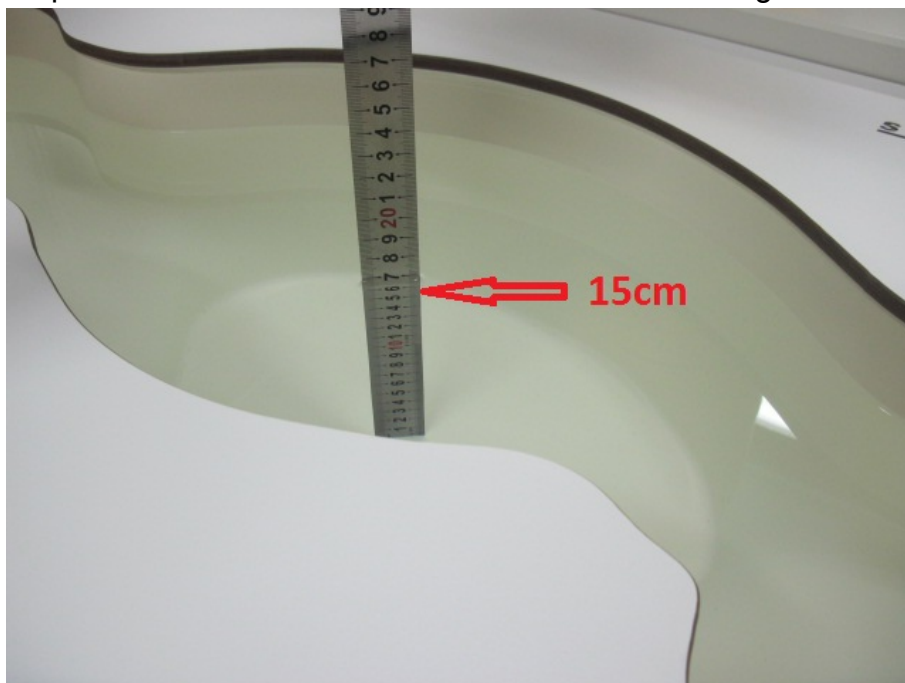
Body SAR Back 15mm with Headset



Body SAR Front 15mm

Depth of the liquid in the phantom – Zoom in

Note: The position used in the measurements were according to IEEE 1528 - 2003



EUT Photographs

Appendix D. Probe Calibration Data

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA
Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 108

Client **Quietek (Auden)**

Certificate No: **EX3-3710_Mar10**

CALIBRATION CERTIFICATE

Object **EX3DV4 - SN:3710**

Calibration procedure(s) **QA CAL-01.v6, QA CAL-14.v3, QA CAL-23.v3 and QA CAL-25.v2
Calibration procedure for dosimetric E-field probes**

Calibration date: **March 5, 2010**


This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter E4419B	GB41293874	1-Apr-09 (No. 217-01030)	Apr-10
Power sensor E4412A	MY41495277	1-Apr-09 (No. 217-01030)	Apr-10
Power sensor E4412A	MY41498087	1-Apr-09 (No. 217-01030)	Apr-10
Reference 3 dB Attenuator	SN: S5054 (3c)	31-Mar-09 (No. 217-01026)	Mar-10
Reference 20 dB Attenuator	SN: S5086 (20b)	31-Mar-09 (No. 217-01028)	Mar-10
Reference 30 dB Attenuator	SN: S5129 (30b)	31-Mar-09 (No. 217-01027)	Mar-10
Reference Probe ES3DV2	SN: 3013	30-Dec-09 (No. ES3-3013_Dec09)	Dec-10
DAE4	SN: 660	29-Sep-09 (No. DAE4-660_Sep09)	Sep-10

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
RF generator HP 8648C	US3642U01700	4-Aug-99 (in house check Oct-09)	In house check: Oct-11
Network Analyzer HP 8753E	US37390585	18-Oct-01 (in house check Oct-09)	In house check: Oct10

Calibrated by:	Name Katja Pokovic	Function Technical Manager	Signature 
Approved by:	Name Niels Kuster	Function Quality Manager	

Issued: March 5, 2010

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Certificate No: EX3-3710_Mar10

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