Date/Time: 3/26/2011 0:49:30, Date/Time: 3/26/2011 0:57:11

P1528_OET65 towards ground- GSM1900 GPRS 2TS High

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1909.8 MHz

Medium parameters used: f = 1910 MHz; σ = 1.54 mho/m; ε_r = 52.9; ρ = 1000 kg/m3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.584 mW/g

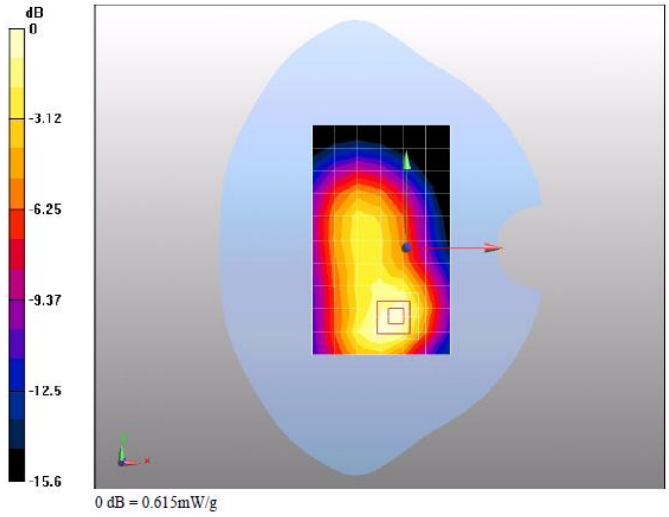
Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

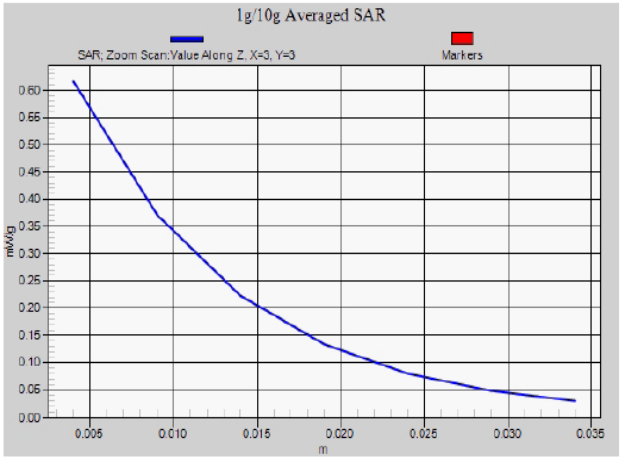
Reference Value = 14.9 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.939 W/kg

SAR(1 g) = 0.565 mW/g; SAR(10 g) = 0.334 mW/g

Maximum value of SAR (measured) = 0.615 mW/g





Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.3°C; liquid temperature: 21.8°C

Date/Time: 3/26/2011 11:19:09, Date/Time: 3/26/2011 11:26:51

P1528_OET65 towards ground- GSM1900 GPRS 2TS Low

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1850.2 MHz

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.46 mho/m; ε_r = 53.2; ρ = 1000 kg/m3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.357 mW/g

Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

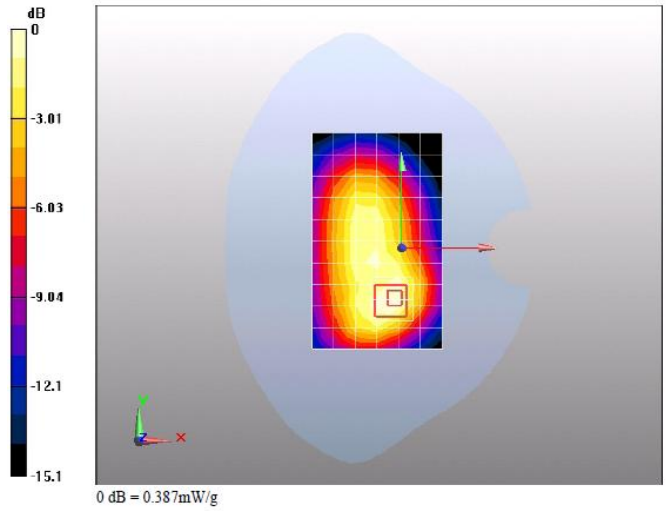
Reference Value = 14.8 V/m; Power Drift = 0.046 dB

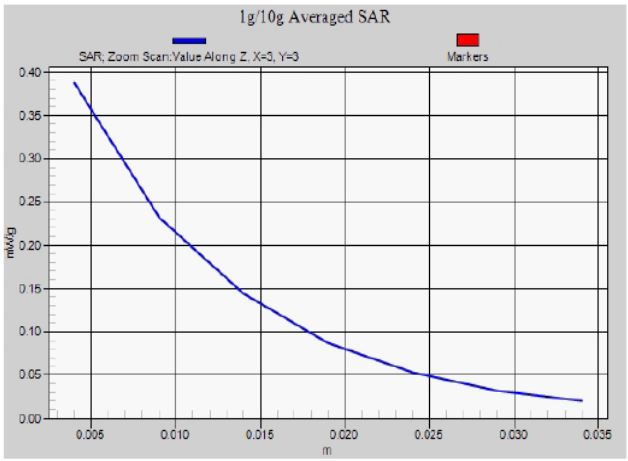
Peak SAR (extrapolated) = 0.591 W/kg

SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.213 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

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





Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.3°C; liquid temperature: 21.8°C

Date/Time: 3/26/2011 3:10:38, Date/Time: 3/26/2011 3:18:20, Date/Time: 3/26/2011 3:31:39

P1528_OET65 towards ground- GSM1900 EGPRS 1TS Middle

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 53; ρ = 1000 kg/m3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.250 mW/g

Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.9 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 0.425 W/kg

SAR(1 g) = 0.257 mW/g; SAR(10 g) = 0.153 mW/g

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

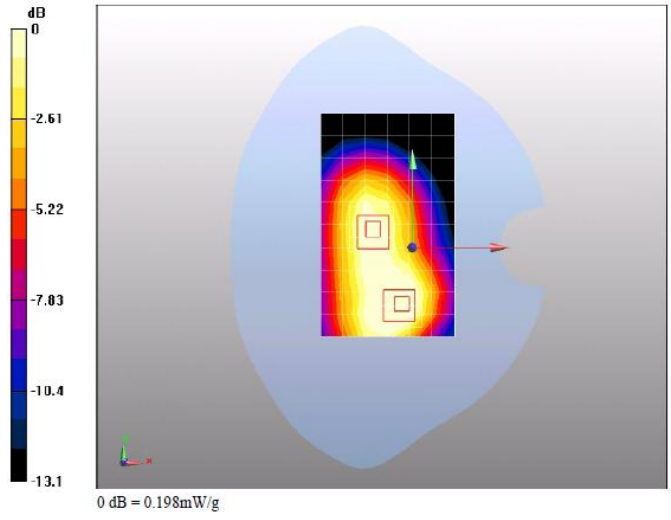
Configuration/body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

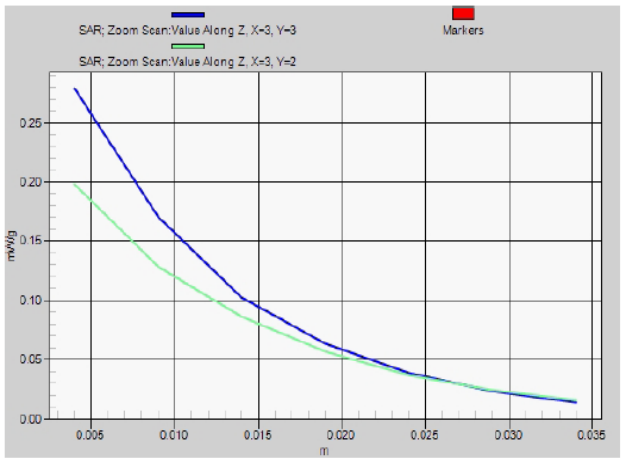
Reference Value = 10.9 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 0.281 W/kg

SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.120 mW/g

Maximum value of SAR (measured) = 0.198 mW/g





Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.3°C; liquid temperature: 21.8°C

Date/Time: 3/26/2011 9:00:40, Date/Time: 3/26/2011 9:11:47, Date/Time: 3/26/2011 9:25:13

P1528_OET65 towards ground- GSM1900 EGPRS 2TS Middle

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 53; ρ = 1000 kg/m3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.515 mW/g

Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.5 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 0.816 W/kg

SAR(1 g) = 0.489 mW/g; SAR(10 g) = 0.291 mW/g

Maximum value of SAR (measured) = 0.534 mW/g

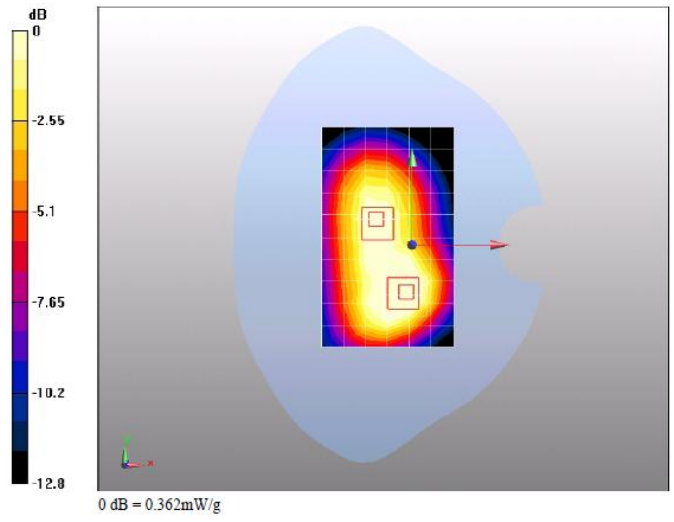
Configuration/body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

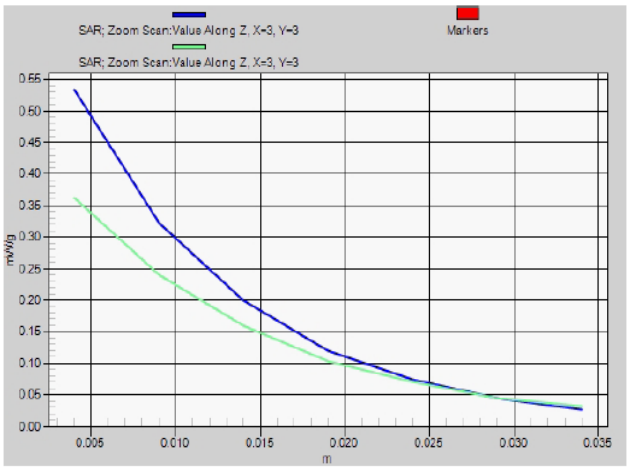
Reference Value = 15.5 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 0.500 W/kg

SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.219 mW/g

Maximum value of SAR (measured) = 0.362 mW/g





Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.3°C; liquid temperature: 21.8°C

Date/Time: 3/26/2011 9:42:48, Date/Time: 3/26/2011 9:50:30

P1528_OET65 towards ground- GSM1900 EGPRS 2TS High

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1909.8 MHz

Medium parameters used: f = 1910 MHz; σ = 1.54 mho/m; ε_r = 52.9; ρ = 1000 kg/m3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.588 mW/g

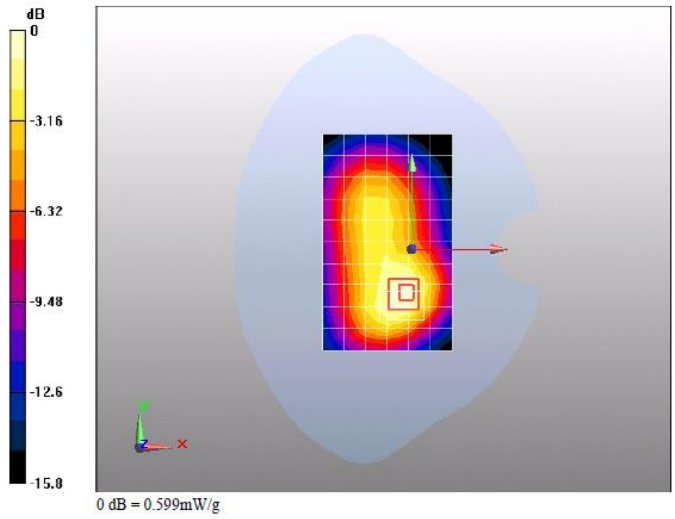
Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

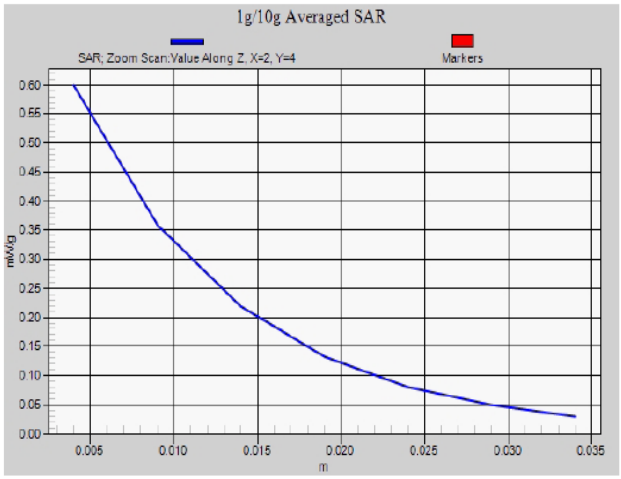
Reference Value = 15.2 V/m; Power Drift = 0.00282 dB

Peak SAR (extrapolated) = 0.930 W/kg

SAR(1 g) = 0.560 mW/g; SAR(10 g) = 0.332 mW/g

Maximum value of SAR (measured) = 0.599 mW/g





Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.3°C; liquid temperature: 21.8°C

Date/Time: 3/26/2011 10:49:08, Date/Time: 3/26/2011 10:58:22

P1528_OET65 towards ground- GSM1900 EGPRS 2TS Low

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1850.2 MHz

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.46 mho/m; ε_r = 53.2; ρ = 1000 kg/m3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.362 mW/g

Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

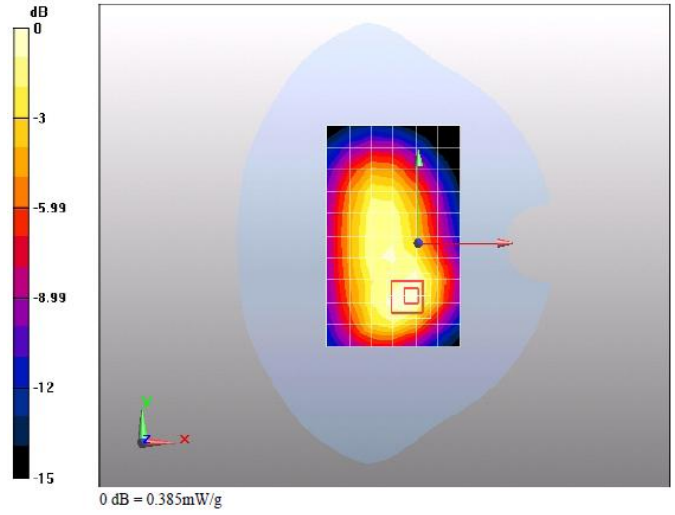
Reference Value = 14.8 V/m; Power Drift = 0.00251 dB

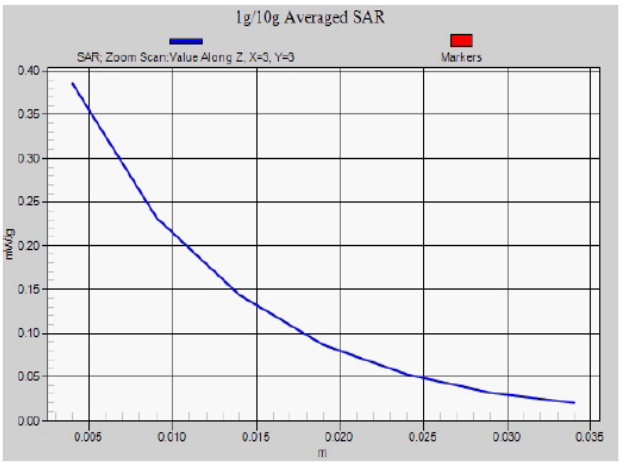
Peak SAR (extrapolated) = 0.598 W/kg

SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.213 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.385 mW/g





Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.3°C; liquid temperature: 21.8°C

Date/Time: 3/26/2011 14:16:28, Date/Time: 3/26/2011 14:24:09

P1528_OET65 towards ground- GSM1900 with Headset High

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1909.8 MHz

Medium parameters used: f = 1910 MHz; σ = 1.54 mho/m; ε_r = 52.9; ρ = 1000 kg/m3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.308 mW/g

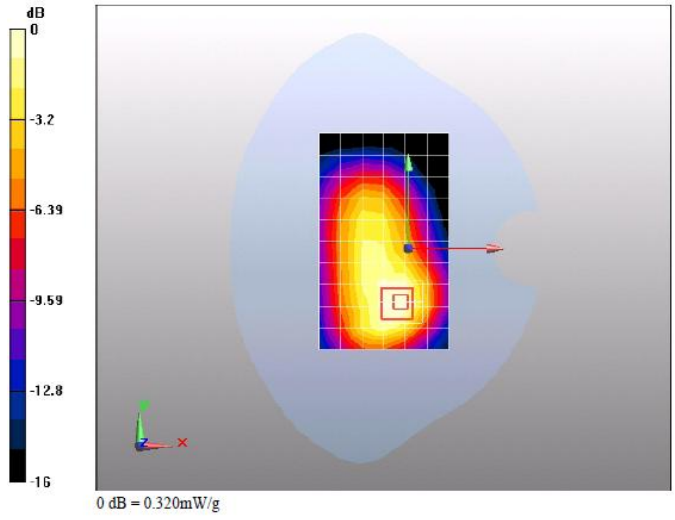
Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

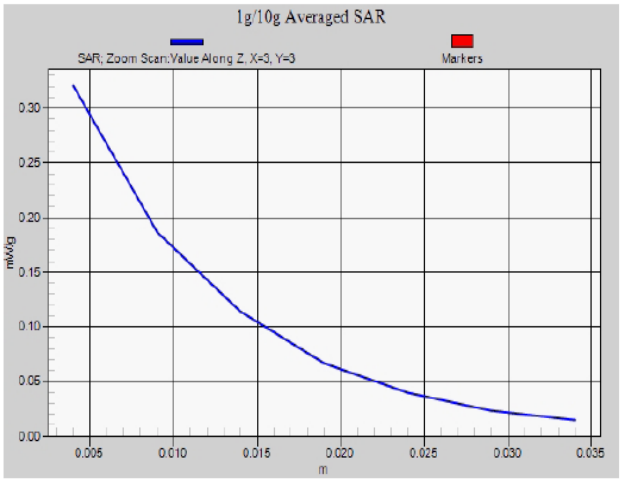
Reference Value = 11.6 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 0.500 W/kg

SAR(1 g) = 0.294 mW/g; SAR(10 g) = 0.175 mW/g

Maximum value of SAR (measured) = 0.320 mW/g





Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.3°C; liquid temperature: 21.8°C

Annex 2.3 GSM 850 MHz Head

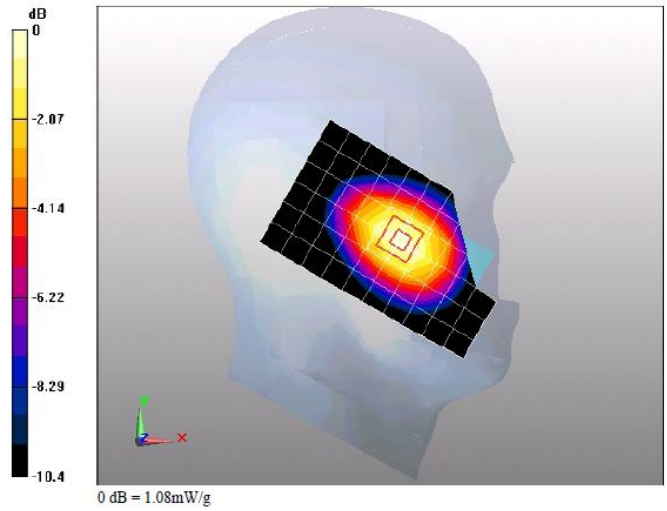
Date/Time: 3/26/2011 23:55:22, Date/Time: 3/27/2011 0:02:31

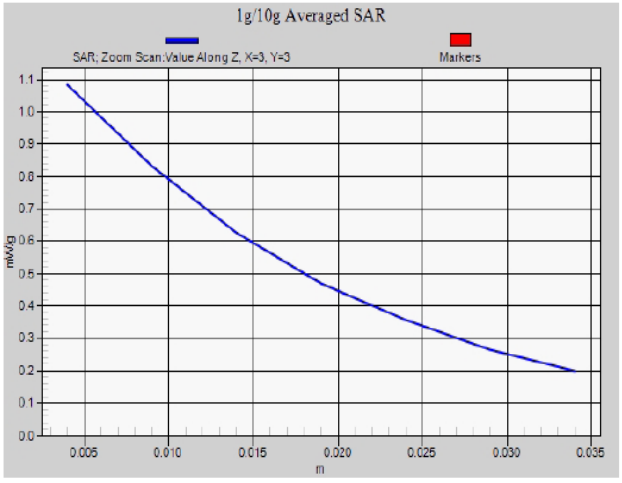
P1528_OET65 LeftHandSide touched –GSM850 Middle

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394
Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.904 mho/m; ε_r = 43.2; ρ = 1000 kg/m3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.98, 5.98, 5.98); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.08 mW/g
Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.8 V/m; Power Drift = 0.00203 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.716 mW/g
Info: Interpolated medium parameters used for SAR evaluation.





Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 3/27/2011 0:19:40, Date/Time: 3/27/2011 0:26:48

P1528_OET65 LeftHandSide tilted 15° –GSM850 Middle

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.904 mho/m; ε_r = 43.2; ρ = 1000 kg/m3

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.98, 5.98, 5.98); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.569 mW/g

Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

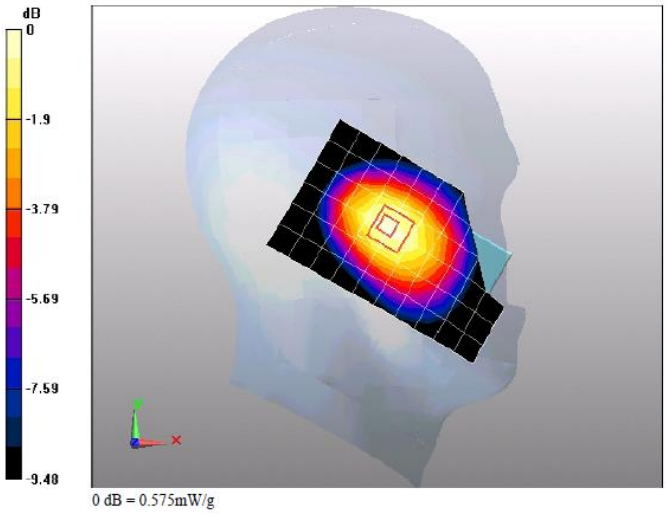
Reference Value = 17 V/m; Power Drift = 0.023 dB

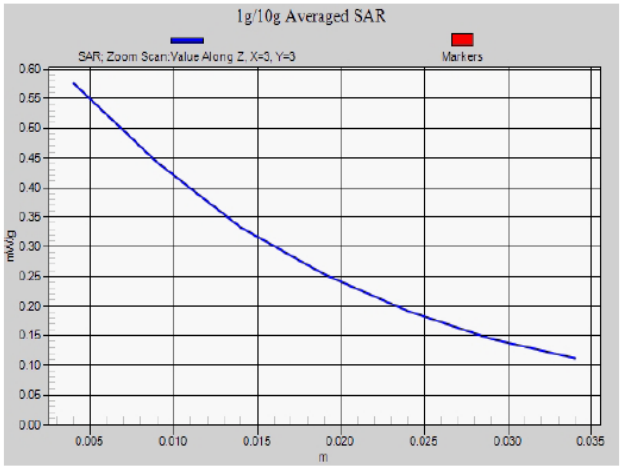
Peak SAR (extrapolated) = 0.701 W/kg

SAR(1 g) = 0.539 mW/g; SAR(10 g) = 0.387 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.575 mW/g





Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 3/27/2011 0:44:32, Date/Time: 3/27/2011 0:51:49

P1528_OET65 RightHandSide touched –GSM850 Middle

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.904 mho/m; ε_r = 43.2; ρ = 1000 kg/m3

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.98, 5.98, 5.98); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

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

Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

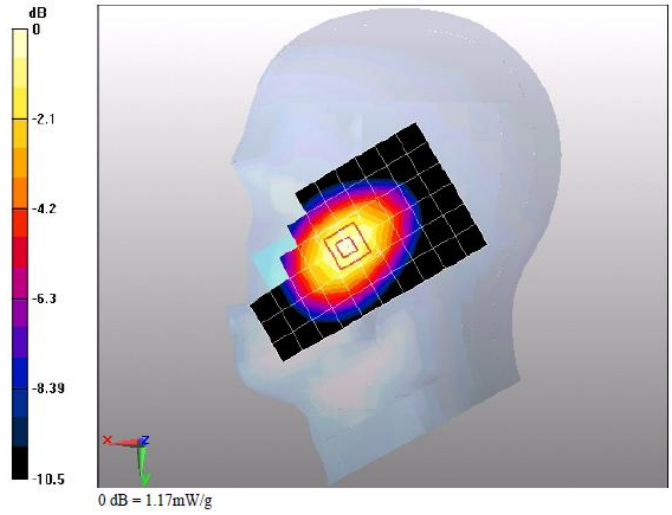
Reference Value = 14.4 V/m; Power Drift = -0.035 dB

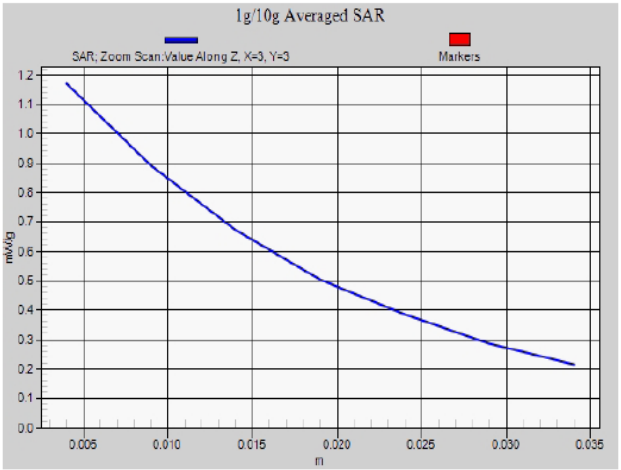
Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.772 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.17 mW/g





Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 3/27/2011 2:21:52, Date/Time: 3/27/2011 2:29:09

P1528_OET65 RightHandSide tilted 15° –GSM850 Middle

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.904 mho/m; ε_r = 43.2; ρ = 1000 kg/m3

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.98, 5.98, 5.98); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.572 mW/g

Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

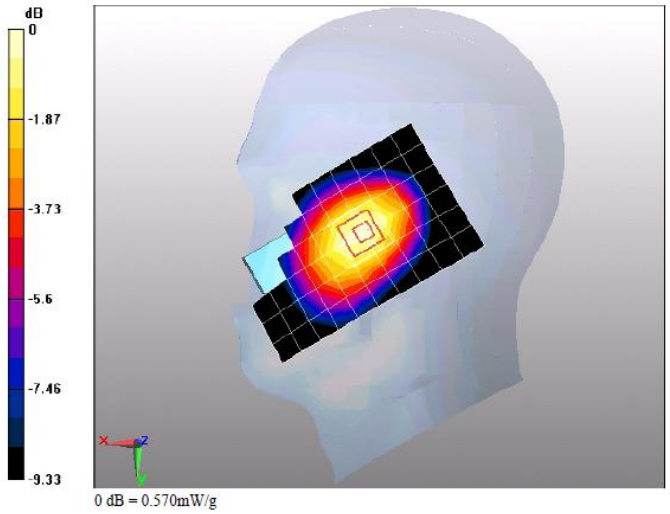
Reference Value = 16.7 V/m; Power Drift = 0.042 dB

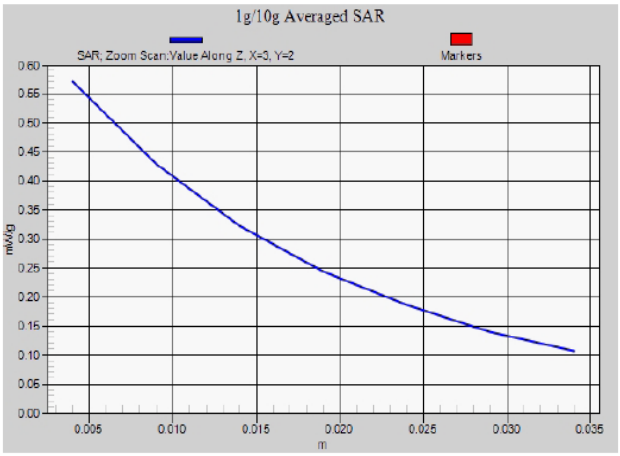
Peak SAR (extrapolated) = 0.698 W/kg

SAR(1 g) = 0.538 mW/g; SAR(10 g) = 0.387 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.570 mW/g





Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 3/27/2011 2:48:28, Date/Time: 3/27/2011 2:55:36

P1528_OET65 LeftHandSide touched –GSM850 High

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 848.8 MHz

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.92 mho/m; ε_r = 43; ρ = 1000 kg/m3

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.98, 5.98, 5.98); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.3 mW/g

Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

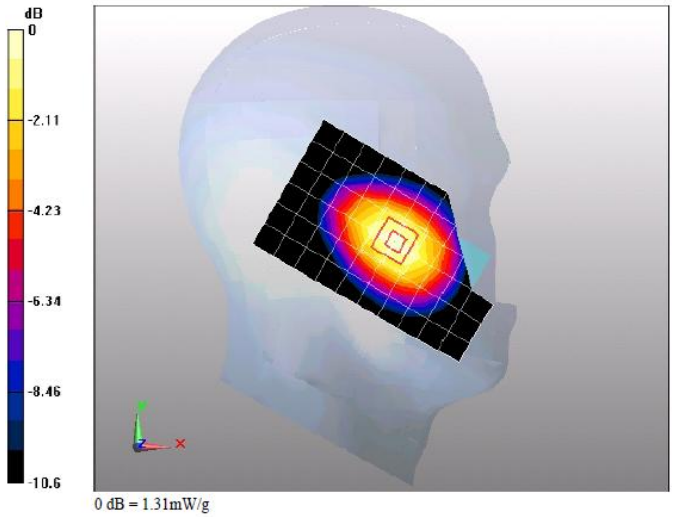
Reference Value = 15.3 V/m; Power Drift = 0.047 dB

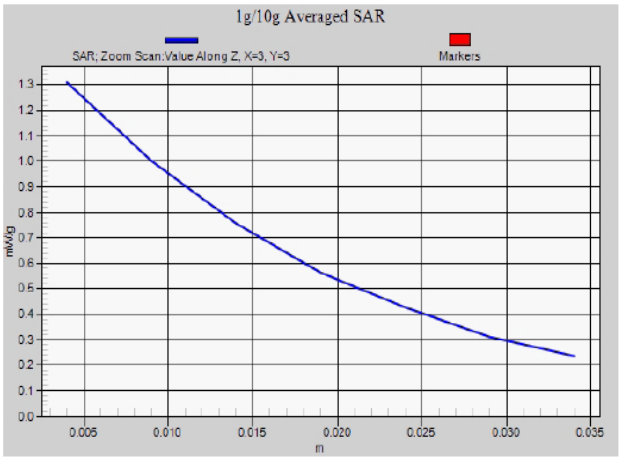
Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.867 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.31 mW/g





Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 3/27/2011 3:10:42, Date/Time: 3/27/2011 3:17:50

P1528_OET65 LeftHandSide touched –GSM850 Low

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 824.2 MHz

Medium parameters used: f = 825 MHz; σ = 0.893 mho/m; ε_r = 43.3; ρ = 1000 kg/m3

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.98, 5.98, 5.98); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.894 mW/g

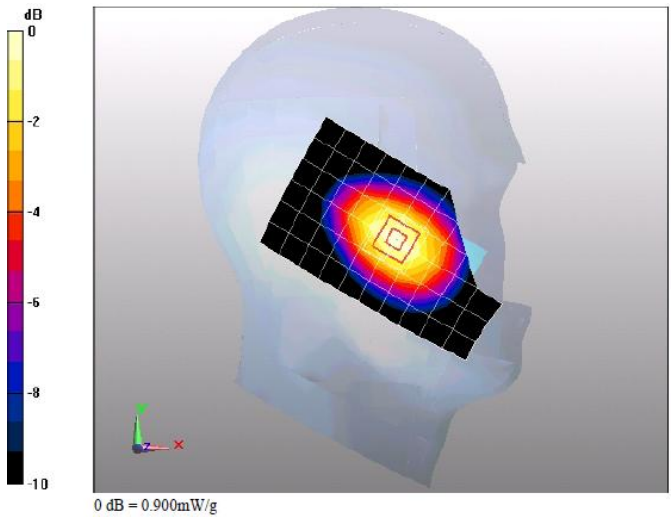
Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

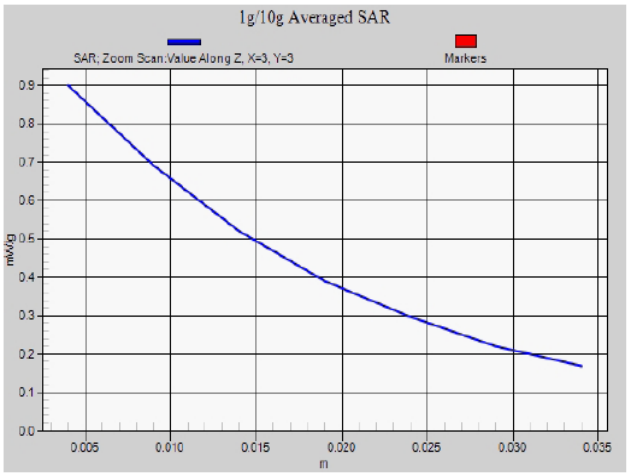
Reference Value = 12.8 V/m; Power Drift = 0.0015 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.840 mW/g; SAR(10 g) = 0.597 mW/g

Maximum value of SAR (measured) = 0.900 mW/g





Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 3/27/2011 1:35:51, Date/Time: 3/27/2011 1:43:08

P1528_OET65 RightHandSide touched –GSM850 High

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 848.8 MHz

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.92 mho/m; ε_r = 43; ρ = 1000 kg/m3

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.98, 5.98, 5.98); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.43 mW/g

Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

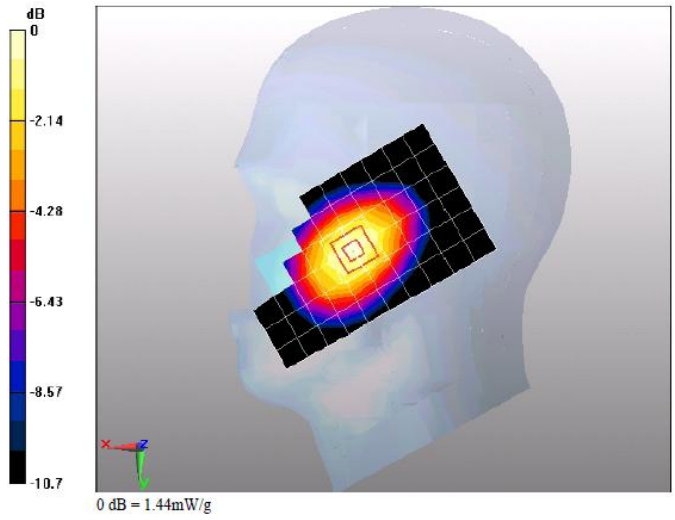
Reference Value = 15.8 V/m; Power Drift = -0.015 dB

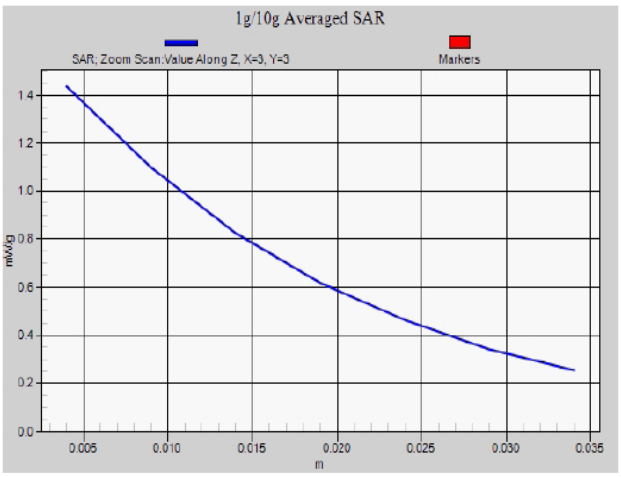
Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.939 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.44 mW/g





Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 3/27/2011 1:58:15, Date/Time: 3/27/2011 2:05:31

P1528_OET65 RightHandSide touched –GSM850 Low

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 824.2 MHz

Medium parameters used: f = 825 MHz; σ = 0.893 mho/m; ε_r = 43.3; ρ = 1000 kg/m3

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.98, 5.98, 5.98); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.976 mW/g

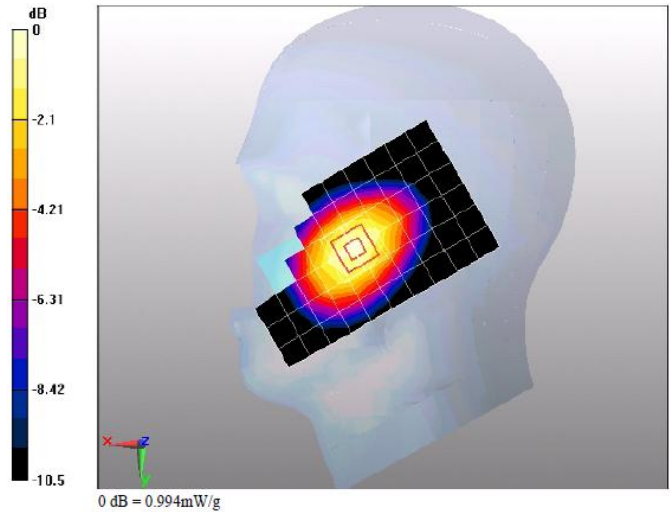
Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

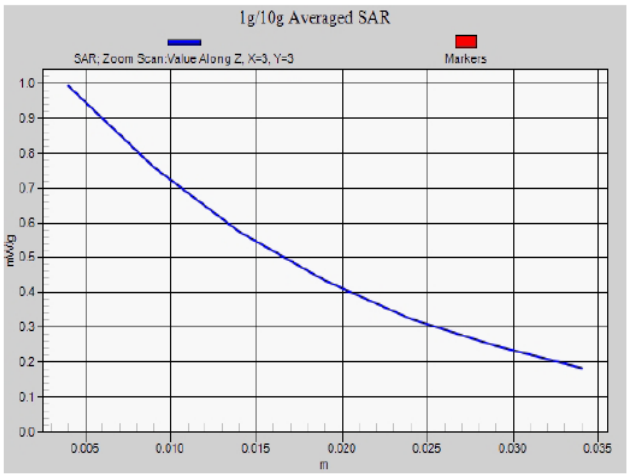
Reference Value = 13 V/m; Power Drift = 0.00355 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.925 mW/g; SAR(10 g) = 0.654 mW/g

Maximum value of SAR (measured) = 0.994 mW/g





Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Annex 2.4 GSM 850 MHz Body

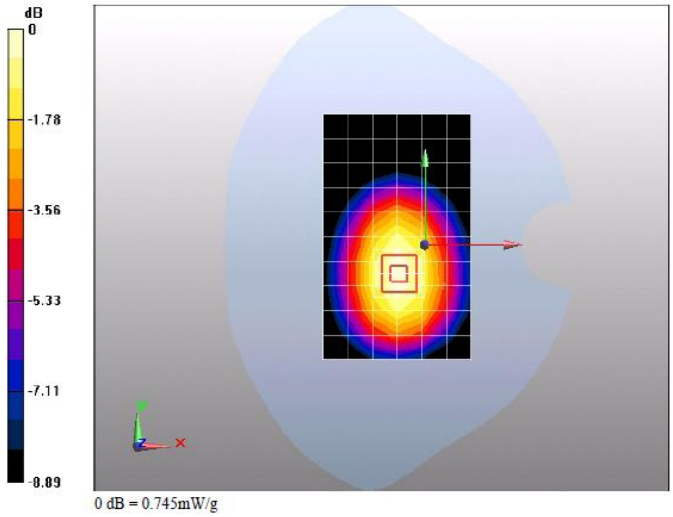
Date/Time: 3/31/2011 1:30:36, Date/Time: 3/31/2011 1:38:19

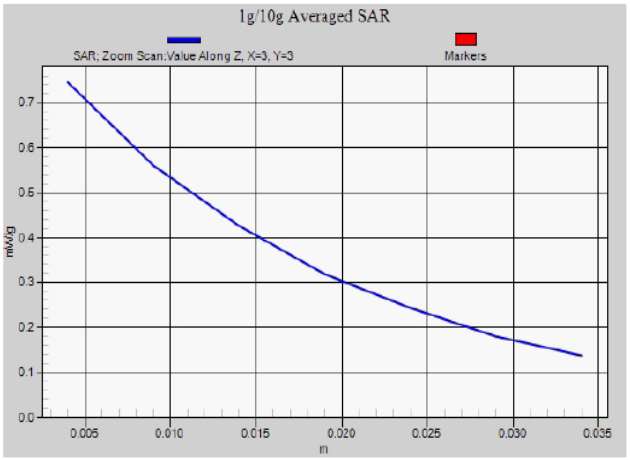
P1528_OET65 towards phantom- GSM850 GPRS 1TS Middle

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394
Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.941 mho/m; ε_r = 54.3; ρ = 1000 kg/m3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.722 mW/g
Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 0.914 W/kg
SAR(1 g) = 0.701 mW/g; SAR(10 g) = 0.509 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.745 mW/g





Additional information:
position or distance of DUT to SAM (if not standard head positions) :15 mm
ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 3/31/2011 0:48:24, Date/Time: 3/31/2011 0:56:08

P1528_OET65 towards ground- GSM850 GPRS 1TS Middle

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.941 mho/m; ε_r = 54.3; ρ = 1000 kg/m3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.842 mW/g

Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

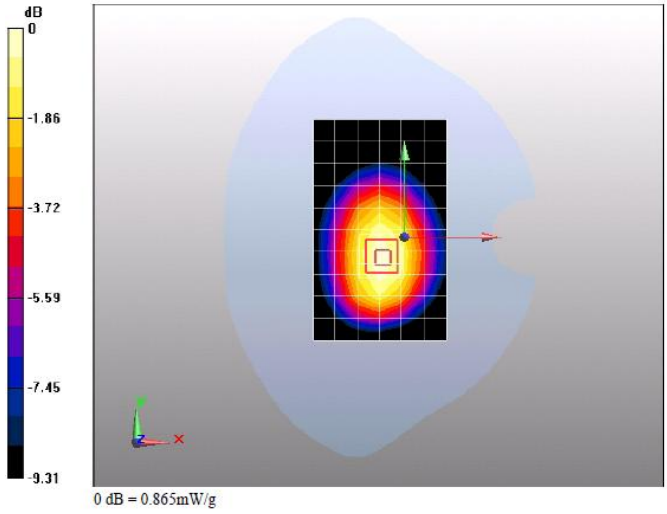
Reference Value = 29.4 V/m; Power Drift = 0.077 dB

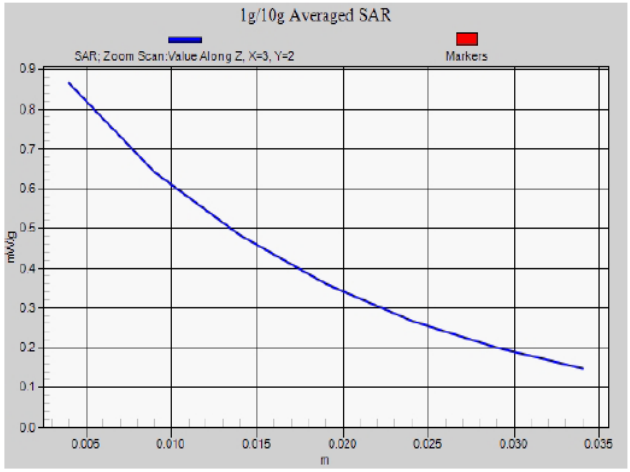
Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.815 mW/g; SAR(10 g) = 0.586 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.865 mW/g





Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 3/30/2011 23:37:05, Date/Time: 3/30/2011 23:44:48

P1528_OET65 towards ground- GSM850 GPRS 2TS Middle

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 836.6 MHz

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.941 mho/m; ε_r = 54.3; ρ = 1000 kg/m3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.965 mW/g

Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

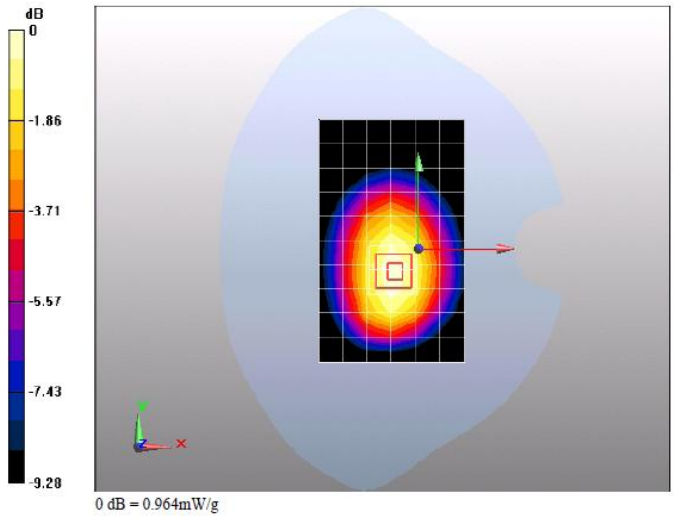
Reference Value = 31.2 V/m; Power Drift = -0.014 dB

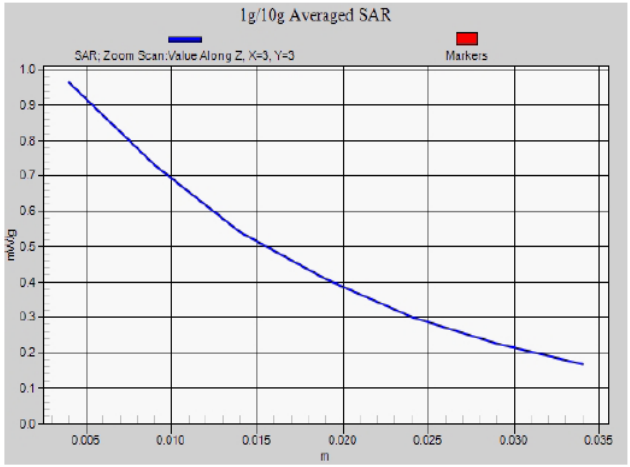
Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.910 mW/g; SAR(10 g) = 0.653 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.964 mW/g





Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 3/31/2011 0:02:34, Date/Time: 3/31/2011 0:10:17

P1528_OET65 towards ground- GSM850 GPRS 2TS High

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 848.8 MHz

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.941 mho/m; ε_r = 54.4; ρ = 1000 kg/m3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

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

Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

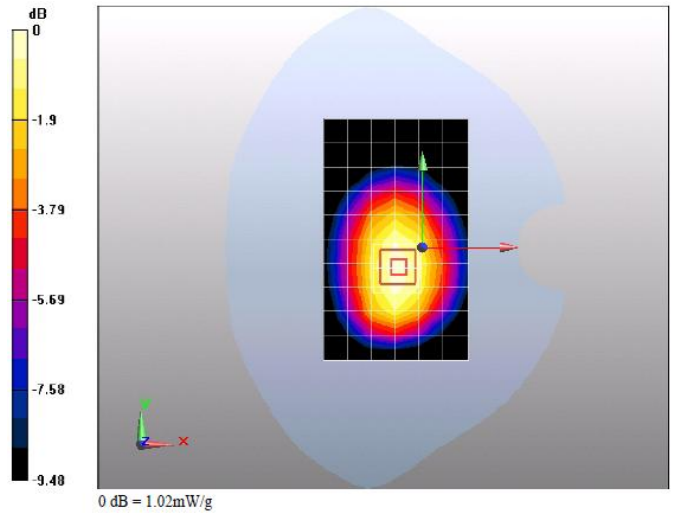
Reference Value = 32.1 V/m; Power Drift = 0.027 dB

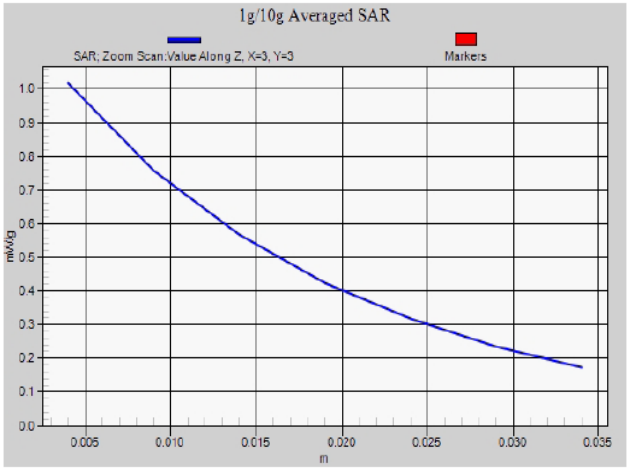
Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.956 mW/g; SAR(10 g) = 0.685 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.02 mW/g





Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 3/31/2011 0:25:45, Date/Time: 3/31/2011 0:33:28

P1528_OET65 towards ground- GSM850 GPRS 2TS Low

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 824.2 MHz

Medium parameters used: f = 825 MHz; σ = 0.943 mho/m; ε_r = 54.4; ρ = 1000 kg/m3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.805 mW/g

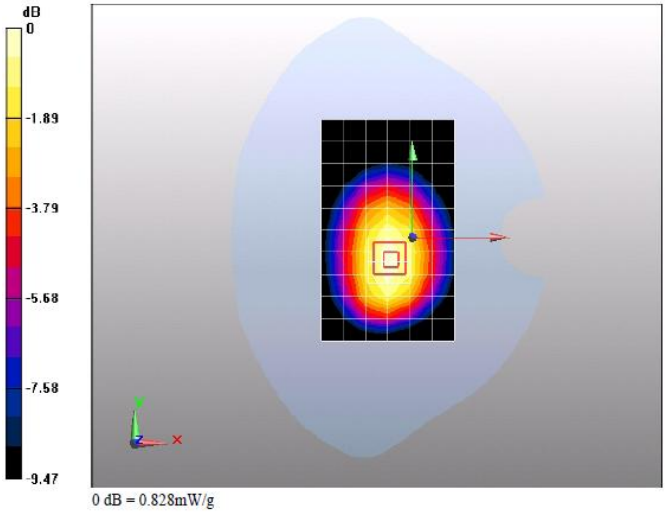
Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

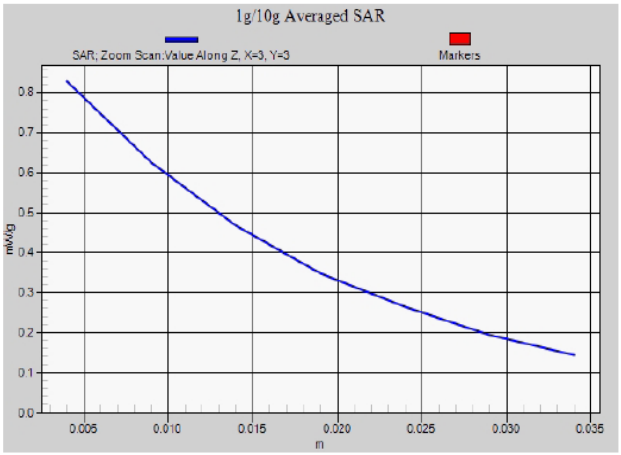
Reference Value = 28.6 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.777 mW/g; SAR(10 g) = 0.560 mW/g

Maximum value of SAR (measured) = 0.828 mW/g





Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 3/31/2011 1:55:51, Date/Time: 3/31/2011 2:03:35

P1528_OET65 towards ground- GSM850 GPRS 1TS High

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 848.8 MHz

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.941 mho/m; ε_r = 54.4; ρ = 1000 kg/m3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.936 mW/g

Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

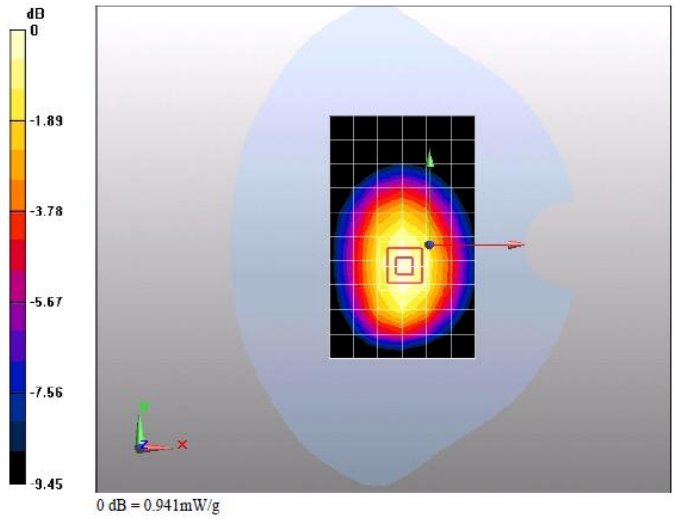
Reference Value = 31 V/m; Power Drift = -0.068 dB

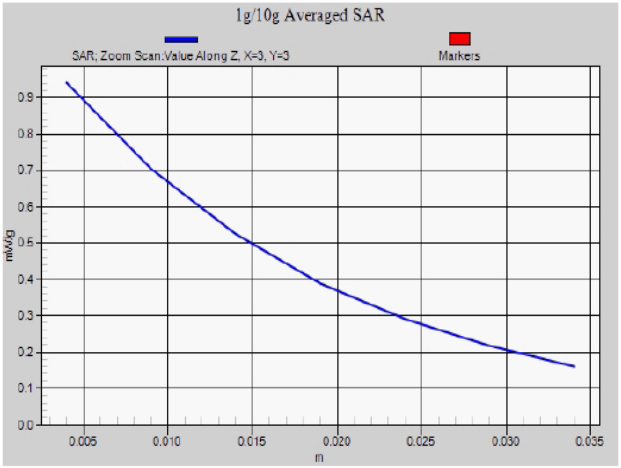
Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.884 mW/g; SAR(10 g) = 0.633 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.941 mW/g





Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 3/31/2011 2:18:51, Date/Time: 3/31/2011 2:26:36

P1528_OET65 towards ground- GSM850 GPRS 1TS Low

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 824.2 MHz

Medium parameters used: f = 825 MHz; σ = 0.943 mho/m; ε_r = 54.4; ρ = 1000 kg/m3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.739 mW/g

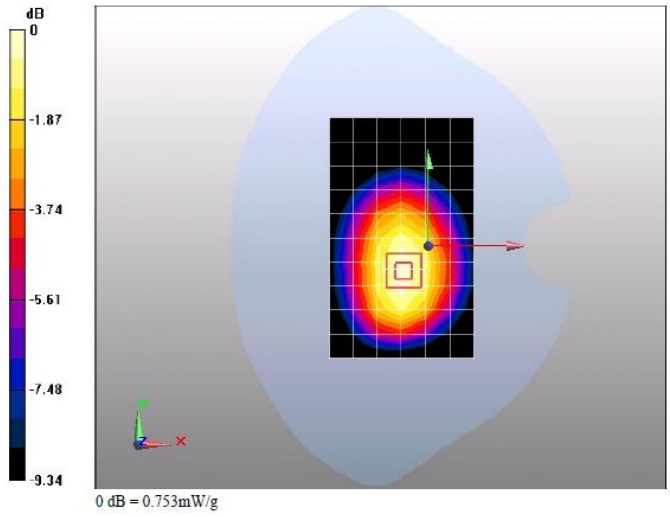
Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

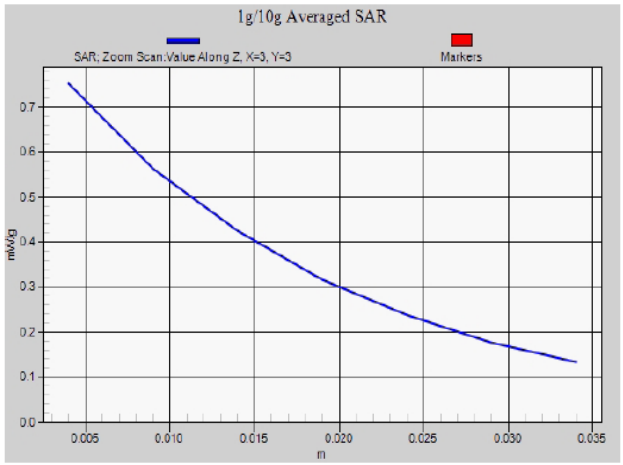
Reference Value = 27.1 V/m; Power Drift = 0.060 dB

Peak SAR (extrapolated) = 0.934 W/kg

SAR(1 g) = 0.707 mW/g; SAR(10 g) = 0.508 mW/g

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





Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 3/31/2011 2:44:14, Date/Time: 3/31/2011 2:51:57

P1528_OET65 towards ground- GSM850 EGPRS 1TS Middle

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.941 mho/m; ε_r = 54.3; ρ = 1000 kg/m3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.863 mW/g

Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

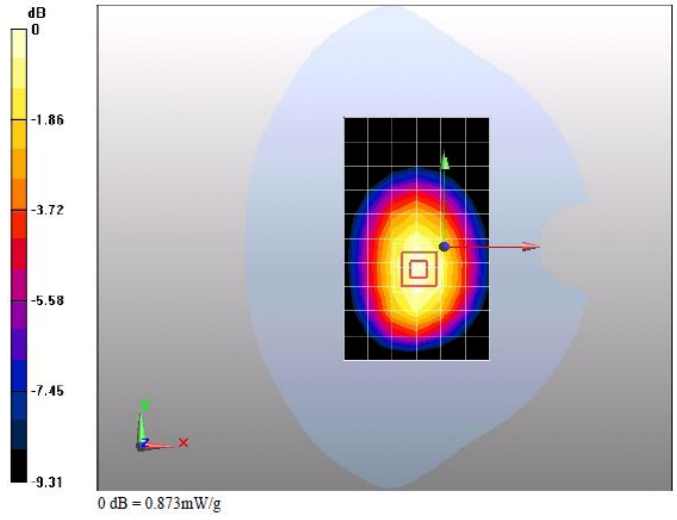
Reference Value = 29.7 V/m; Power Drift = -0.012 dB

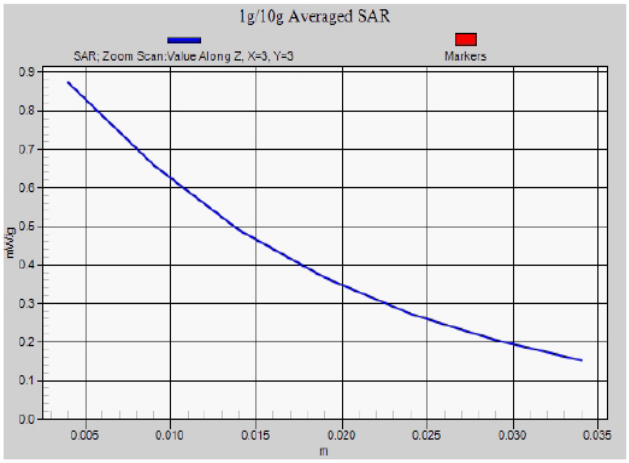
Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.823 mW/g; SAR(10 g) = 0.590 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

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





Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 3/31/2011 3:06:58, Date/Time: 3/31/2011 3:14:42

P1528_OET65 towards ground- GSM850 EGPRS 2TS Middle

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 836.6 MHz

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.941 mho/m; ε_r = 54.3; ρ = 1000 kg/m3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.953 mW/g

Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

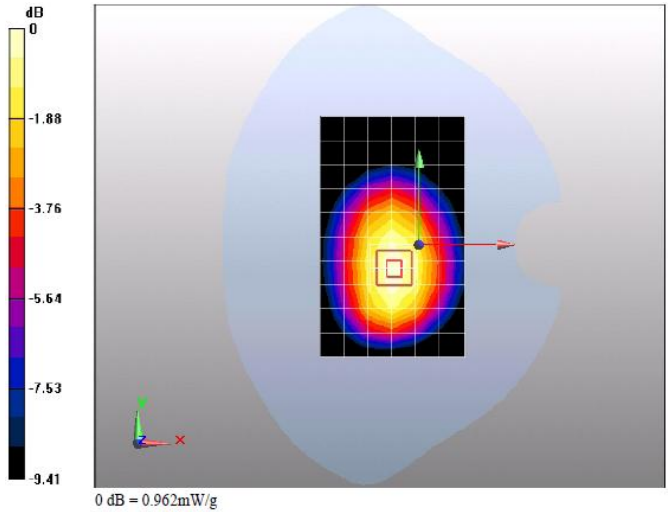
Reference Value = 31.2 V/m; Power Drift = -0.061 dB

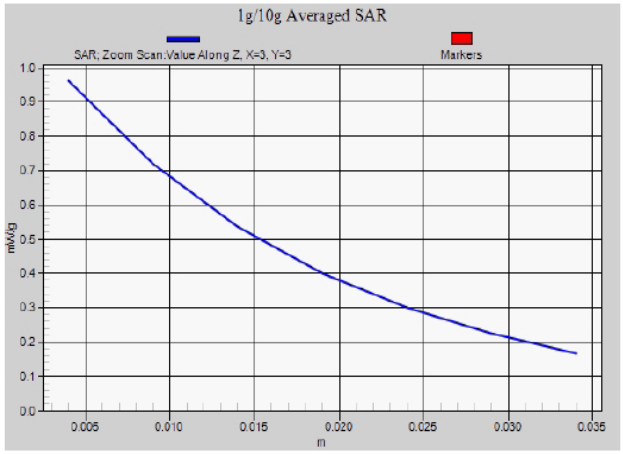
Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.902 mW/g; SAR(10 g) = 0.648 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.962 mW/g





Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 3/31/2011 10:01:46, Date/Time: 3/31/2011 10:09:30

P1528_OET65 towards ground- GSM850 EGPRS 2TS High

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 848.8 MHz

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.941 mho/m; ε_r = 54.4; ρ = 1000 kg/m3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.995 mW/g

Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

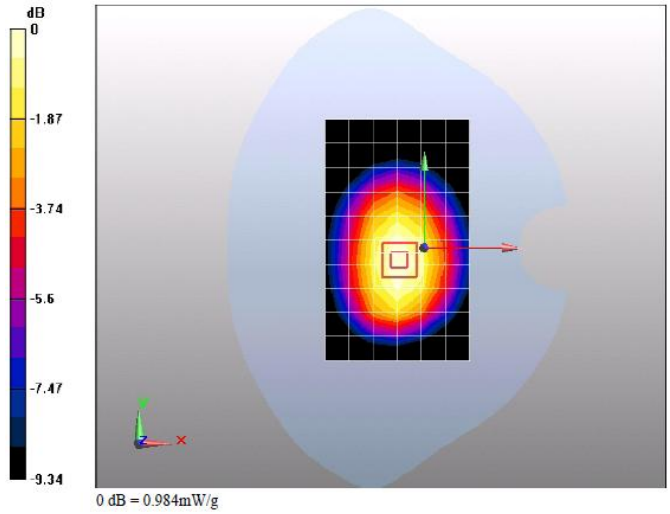
Reference Value = 32.9 V/m; Power Drift = -0.076 dB

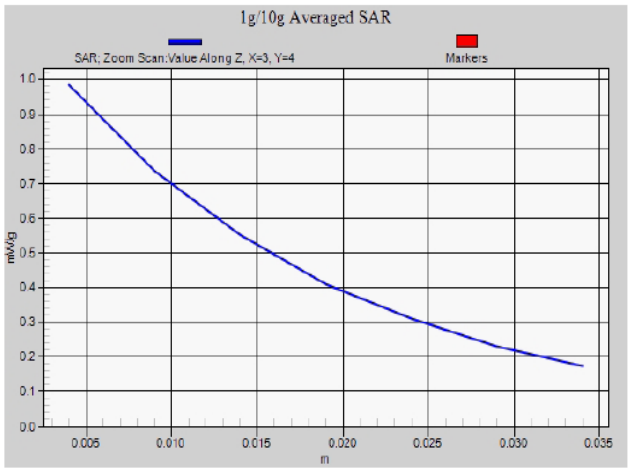
Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.932 mW/g; SAR(10 g) = 0.671 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.984 mW/g





Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 3/31/2011 9:02:18, Date/Time: 3/31/2011 9:10:11

P1528_OET65 towards ground- GSM850 EGPRS 2TS Low

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 824.2 MHz

Medium parameters used: f = 825 MHz; σ = 0.943 mho/m; ε_r = 54.4; ρ = 1000 kg/m3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.824 mW/g

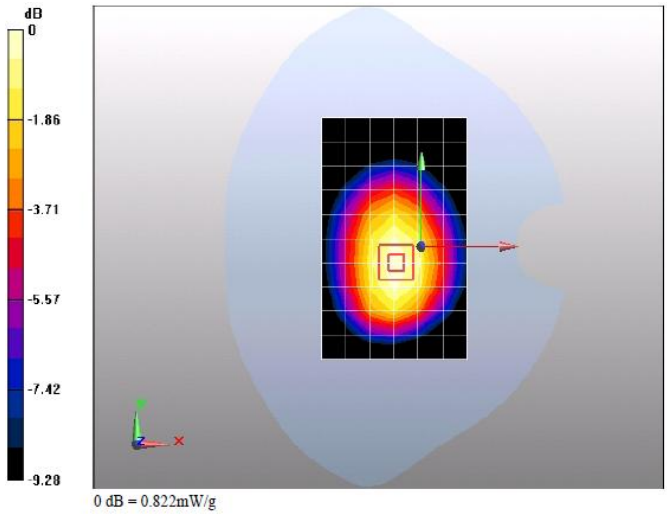
Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

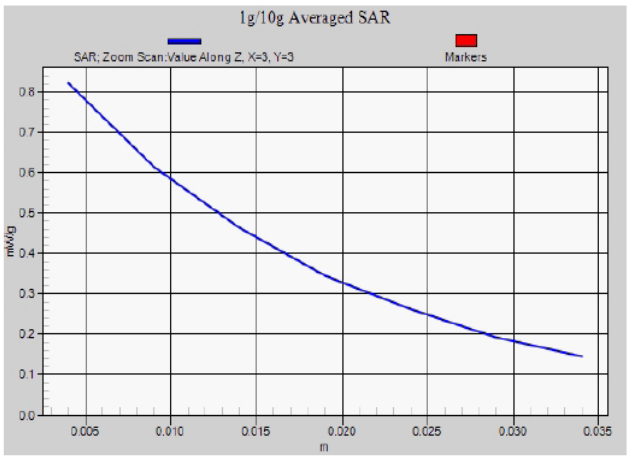
Reference Value = 29.4 V/m; Power Drift = -0.056 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.772 mW/g; SAR(10 g) = 0.556 mW/g

Maximum value of SAR (measured) = 0.822 mW/g





Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 3/31/2011 3:29:57, Date/Time: 3/31/2011 3:37:42

P1528_OET65 towards ground- GSM850 EGPRS 1TS High

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 848.8 MHz

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.941 mho/m; ε_r = 54.4; ρ = 1000 kg/m3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.931 mW/g

Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

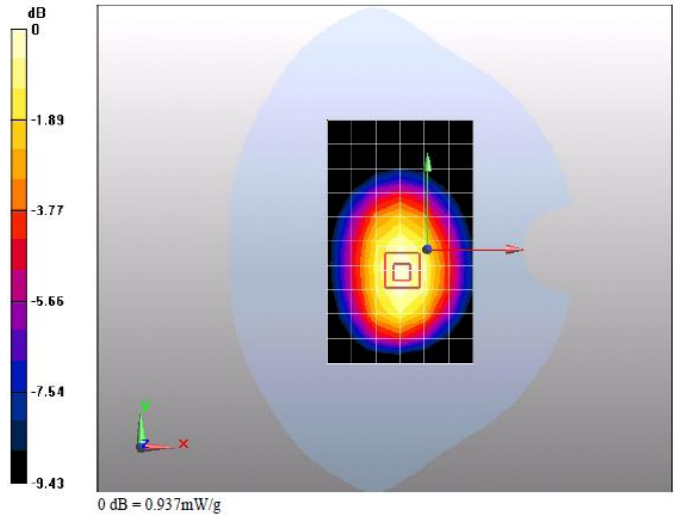
Reference Value = 30.8 V/m; Power Drift = 0.044 dB

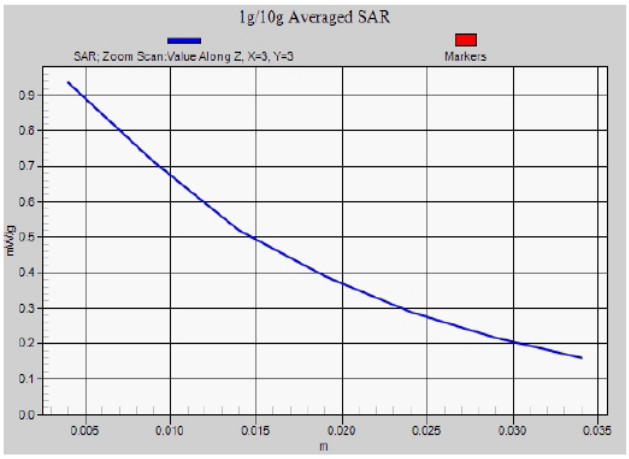
Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.885 mW/g; SAR(10 g) = 0.634 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.937 mW/g





Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 3/31/2011 9:30:32, Date/Time: 3/31/2011 9:38:15

P1528_OET65 towards ground- GSM850 EGPRS 1TS Low

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 824.2 MHz

Medium parameters used: f = 825 MHz; σ = 0.943 mho/m; ε_r = 54.4; ρ = 1000 kg/m3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.731 mW/g

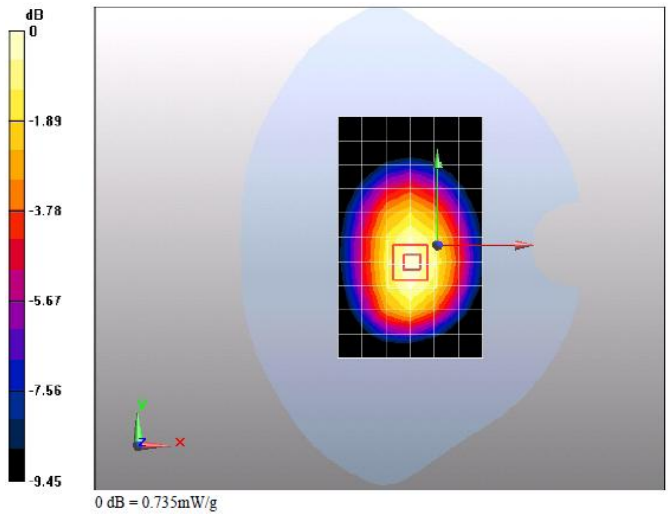
Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

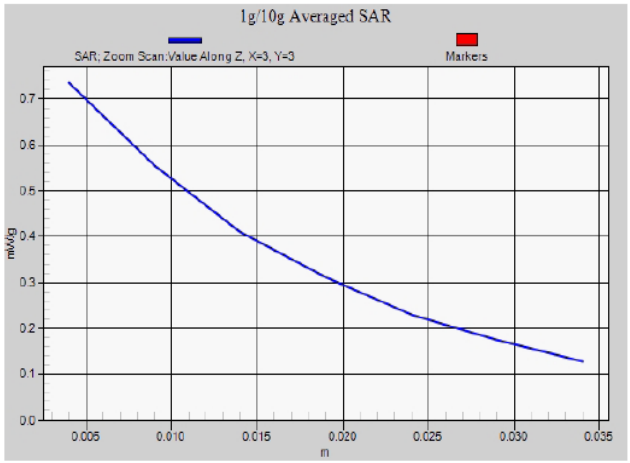
Reference Value = 27.6 V/m; Power Drift = 0.042 dB

Peak SAR (extrapolated) = 0.915 W/kg

SAR(1 g) = 0.693 mW/g; SAR(10 g) = 0.498 mW/g

Maximum value of SAR (measured) = 0.735 mW/g





Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 3/31/2011 12:05:11, Date/Time: 3/31/2011 12:12:54

P1528_OET65 towards ground- GSM850 with Headset High

DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 848.8 MHz

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.941 mho/m; ε_r = 54.4; ρ = 1000 kg/m3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.476 mW/g

Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=8mm

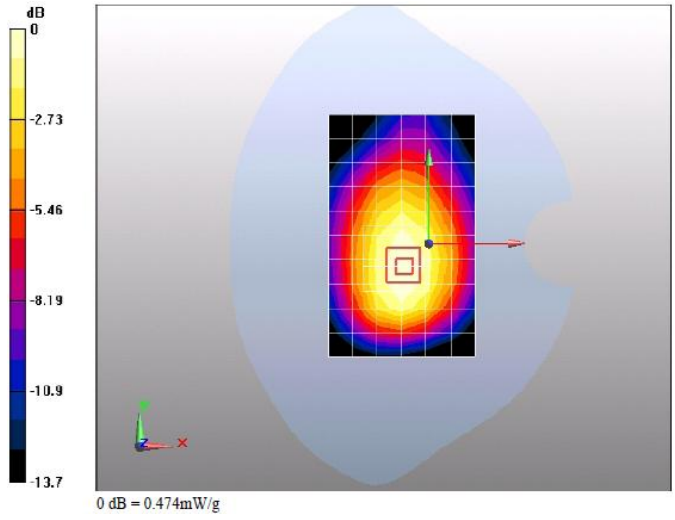
Reference Value = 22.1 V/m; Power Drift = -0.015 dB

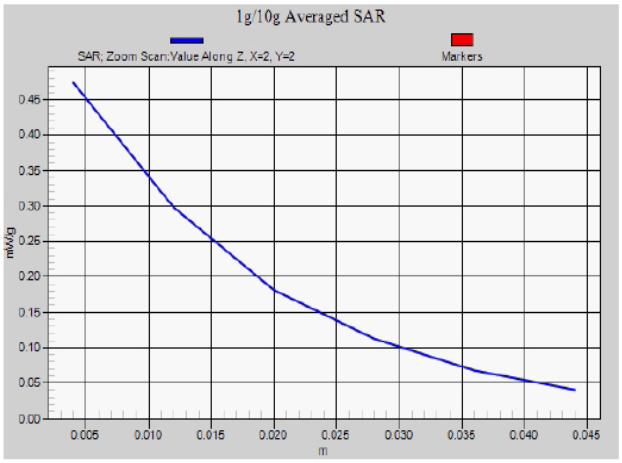
Peak SAR (extrapolated) = 0.597 W/kg

SAR(1 g) = 0.450 mW/g; SAR(10 g) = 0.322 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.474 mW/g





Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Annex 2.5 WCDMA 1900 MHz Head

Date/Time: 4/1/2011 3:26:35, Date/Time: 4/1/2011 3:33:51

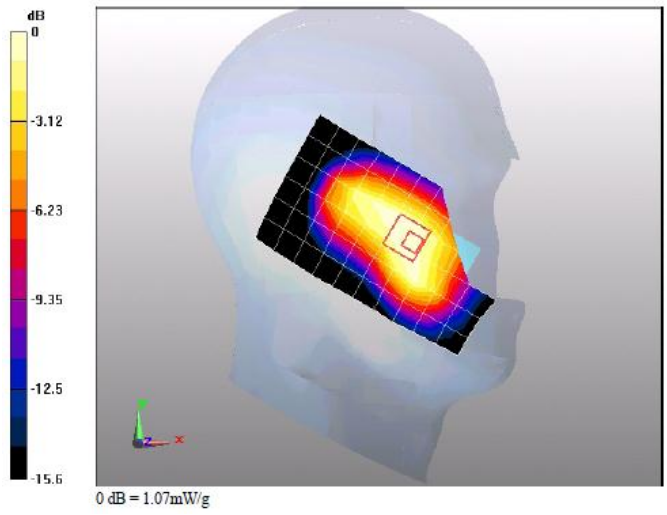
P1528_OET65 LeftHandSide touched –WCDMA1900 Midlle

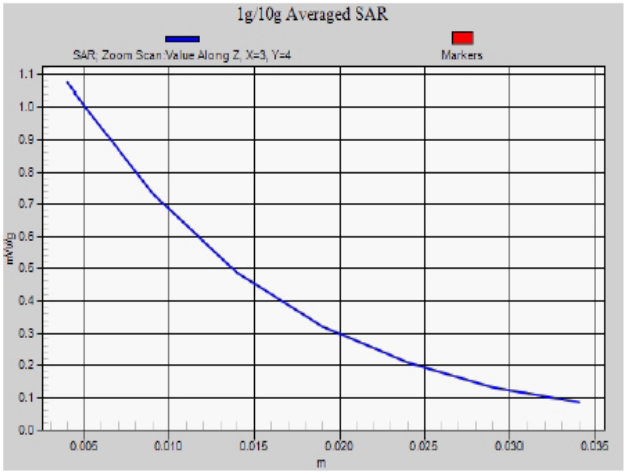
DUT: U2800A; Type: Handset; Serial: Q4V2A11121600394
Communication System: HW -UMTS-FDD; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 40; ρ = 1000 kg/m3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.97, 4.97, 4.97); Calibrated: 12/23/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 12/24/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.03 mW/g

Configuration/body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.2 V/m; Power Drift = 0.190 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.974 mW/g; SAR(10 g) = 0.628 mW/g
Maximum value of SAR (measured) = 1.07 mW/g





Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.2°C; liquid temperature: 21.7°C