Date/Time: 3/25/2011 3:05:58, Date/Time: 3/25/2011 3:14:51

M635 CDMA 800 384CH Towards ground 15mm with Headset

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 836.52 MHz

Medium parameters used (interpolated): f = 836.52 MHz; σ = 0.969 mho/m; ε_r = 55.9; 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: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.756 mW/g

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

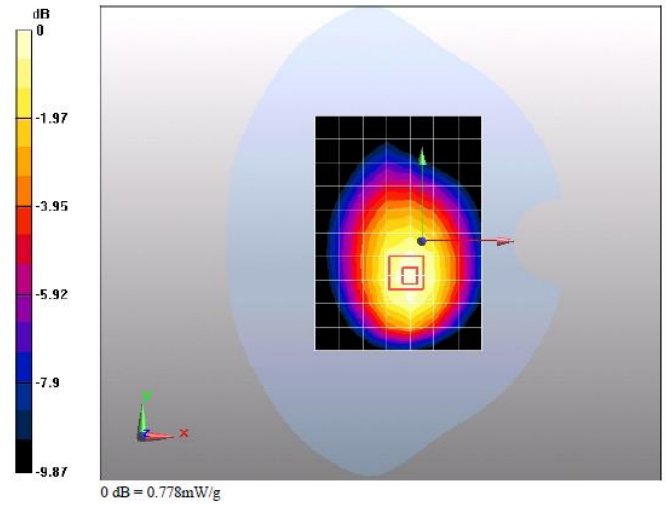
Reference Value = 24.8 V/m; Power Drift = 0.163 dB

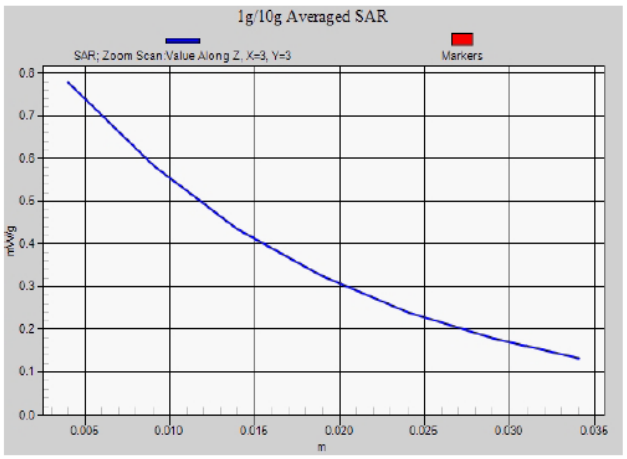
Peak SAR (extrapolated) = 0.973 W/kg

SAR(1 g) = 0.734 mW/g; SAR(10 g) = 0.530 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.778 mW/g





Additional information:

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

ambient temperature: 23.0°C; liquid temperature: 22°C

Date/Time: 3/25/2011 3:34:20, Date/Time: 3/25/2011 3:43:13

M635 CDMA 800 384CH Towards ground 15mm with Bluetooth Headset

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 836.52 MHz

Medium parameters used (interpolated): f = 836.52 MHz; σ = 0.969 mho/m; ε_r = 55.9; 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: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.1 mW/g

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

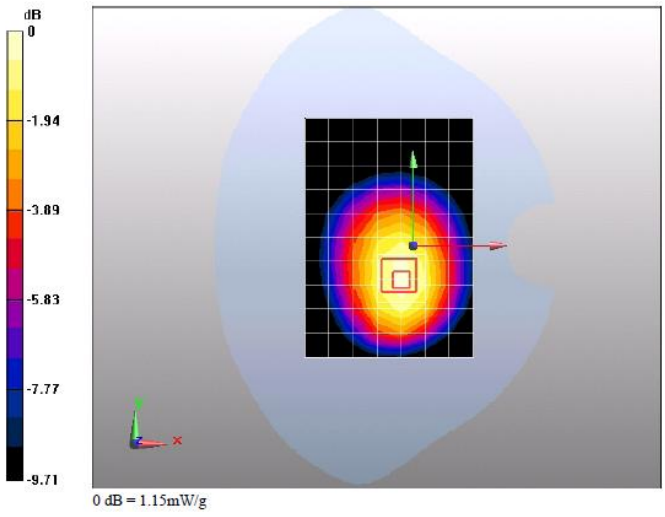
Reference Value = 30.3 V/m; Power Drift = 0.195 dB

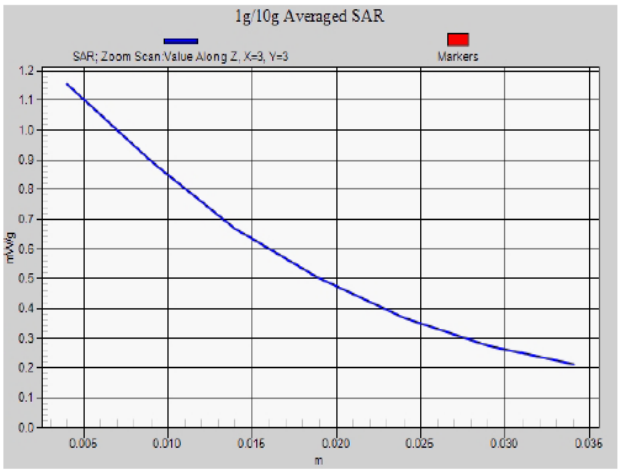
Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.798 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

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





Additional information:

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

ambient temperature: 23.0°C; liquid temperature: 22°C

Annex 2.3 CDMA1700MHz Head

Date/Time: 3/25/2011 10:39:45, Date/Time: 3/25/2011 10:56:52

M635 CDMA AWS 450CH Left hand touch check

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1732.5 MHz

Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.35 mho/m; ε_r = 38.6; ρ = 1000 kg/m3

Phantom section: Left Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.12, 5.12, 5.12); 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/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.880 mW/g

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

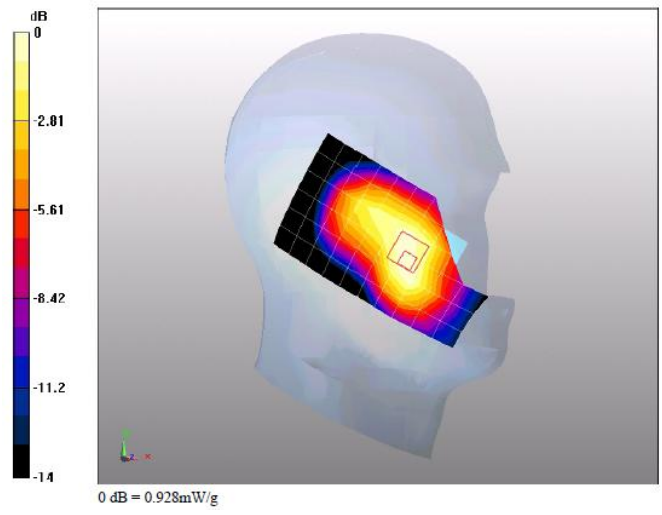
Reference Value = 10.9 V/m; Power Drift = -0.115 dB

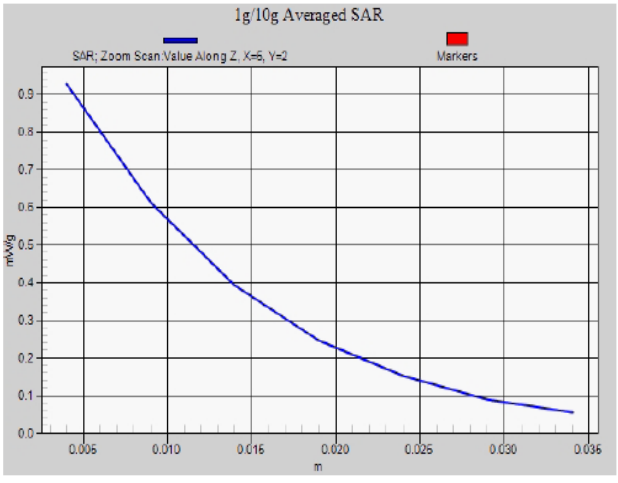
Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.549 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.928 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: 3/25/2011 18:57:48, Date/Time: 3/25/2011 19:04:58

M635 CDMA AWS 450CH Left hand tilt 15 degree

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1732.5 MHz

Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.35 mho/m; ε_r = 38.6; ρ = 1000 kg/m3

Phantom section: Left Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.12, 5.12, 5.12); 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/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.571 mW/g

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

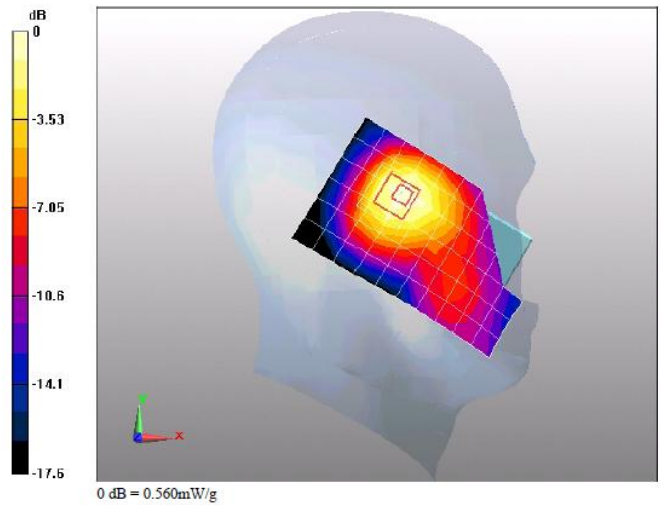
Reference Value = 13 V/m; Power Drift = -0.109 dB

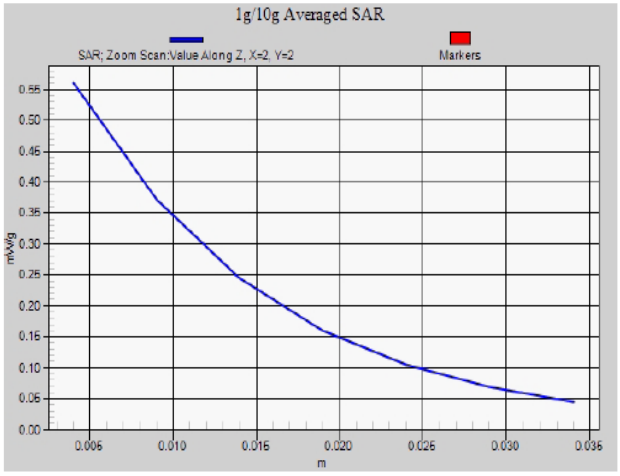
Peak SAR (extrapolated) = 0.780 W/kg

SAR(1 g) = 0.516 mW/g; SAR(10 g) = 0.317 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.560 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: 3/25/2011 15:41:22, Date/Time: 3/25/2011 15:48:40

M635 CDMA AWS 450CH Right hand touch check

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1732.5 MHz

Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.35 mho/m; ε_r = 38.6; ρ = 1000 kg/m3

Phantom section: Right Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.12, 5.12, 5.12); 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/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.986 mW/g

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

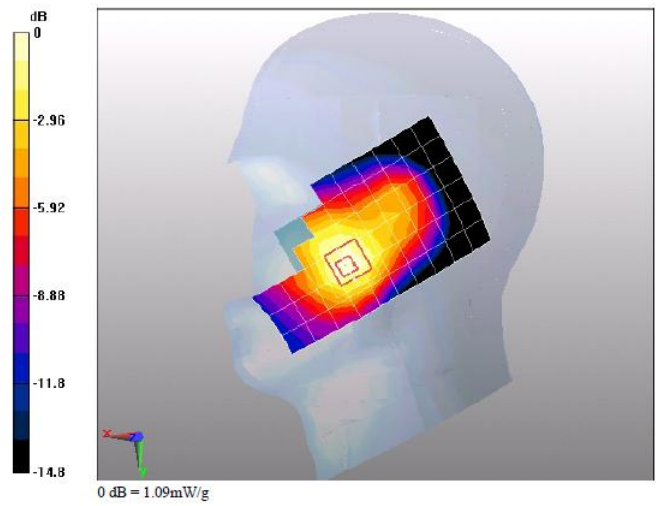
Reference Value = 10.9 V/m; Power Drift = -0.114 dB

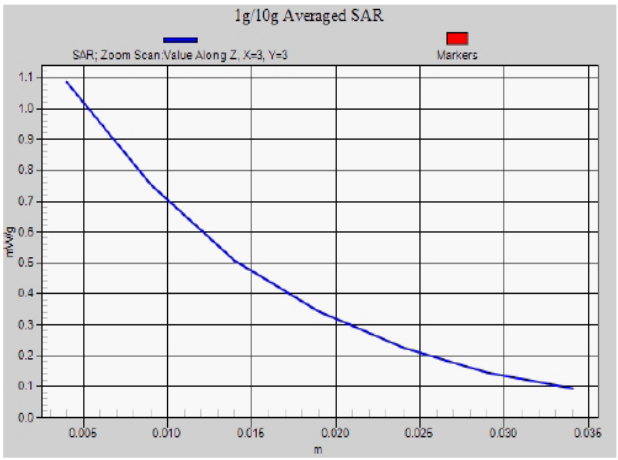
Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.639 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.09 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: 3/25/2011 16:57:48, Date/Time: 3/25/2011 17:05:14

M635 CDMA AWS 450CH Right hand tilt 15 degree

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1732.5 MHz

Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.35 mho/m; ε_r = 38.6; ρ = 1000 kg/m3

Phantom section: Right Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.12, 5.12, 5.12); 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/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.469 mW/g

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

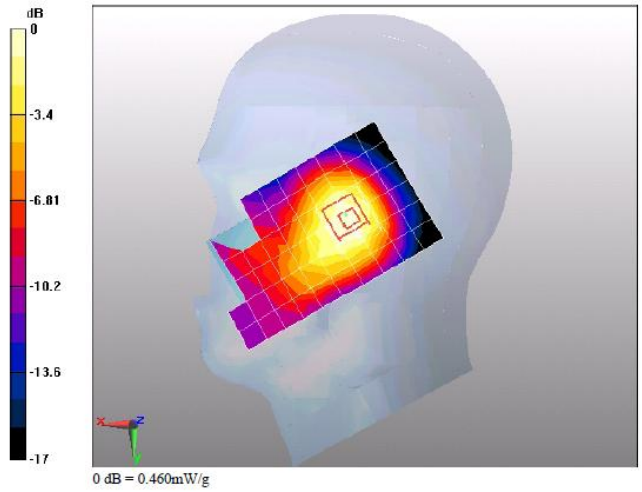
Reference Value = 14.5 V/m; Power Drift = -0.033 dB

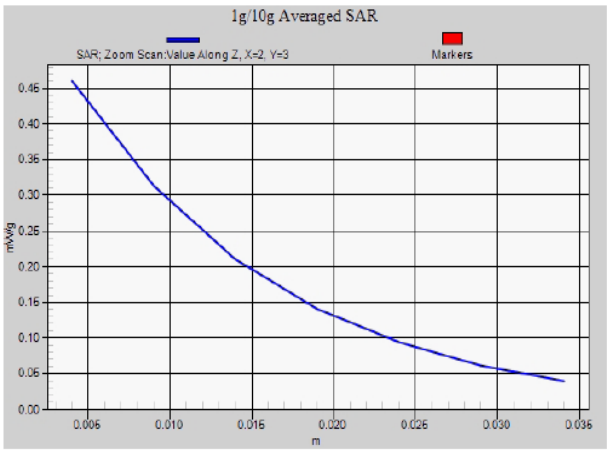
Peak SAR (extrapolated) = 0.628 W/kg

SAR(1 g) = 0.429 mW/g; SAR(10 g) = 0.275 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.460 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: 3/25/2011 10:39:45, Date/Time: 3/25/2011 10:56:52

M635 CDMA AWS 850CH Left hand touch check

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1752.5 MHz

Medium parameters used (interpolated): f = 1752.5 MHz; σ = 1.37 mho/m; ε_r = 38.6; ρ = 1000 kg/m3

Phantom section: Left Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.12, 5.12, 5.12); 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/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.890 mW/g

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

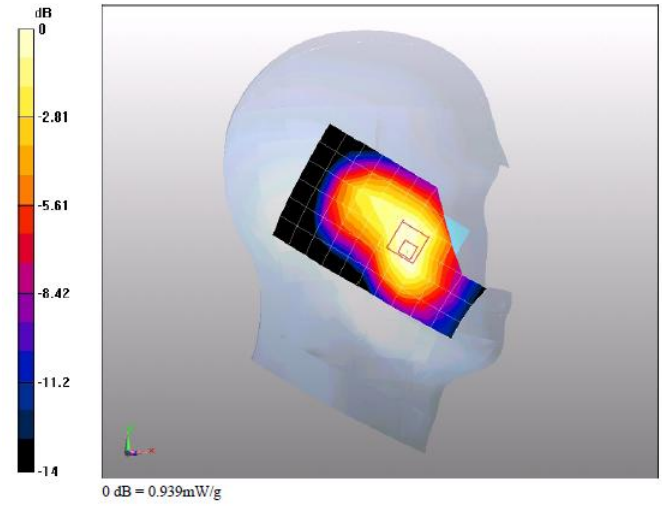
Reference Value = 10.9 V/m; Power Drift = 0.051 dB

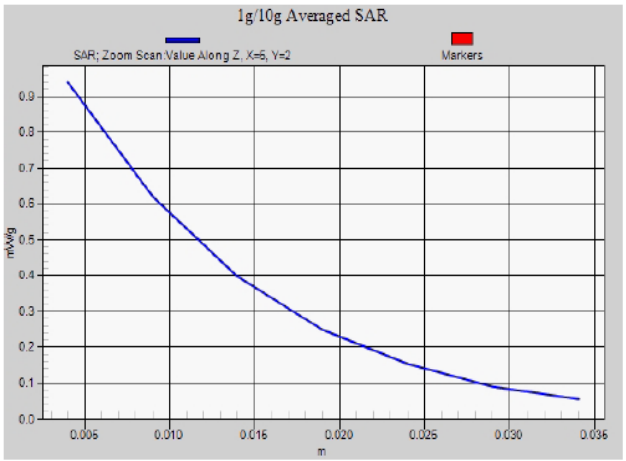
Peak SAR (extrapolated) = 1.3 W/kg

SAR(1 g) = 0.863 mW/g; SAR(10 g) = 0.556 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.939 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: 3/25/2011 18:21:26, Date/Time: 3/25/2011 18:28:35

M635 CDMA AWS 25CH Left hand touch check

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1711.25 MHz

Medium parameters used (interpolated): f = 1711.25 MHz; σ = 1.33 mho/m; ε_r = 38.7; ρ = 1000 kg/m3

Phantom section: Left Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.12, 5.12, 5.12); 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/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.715 mW/g

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

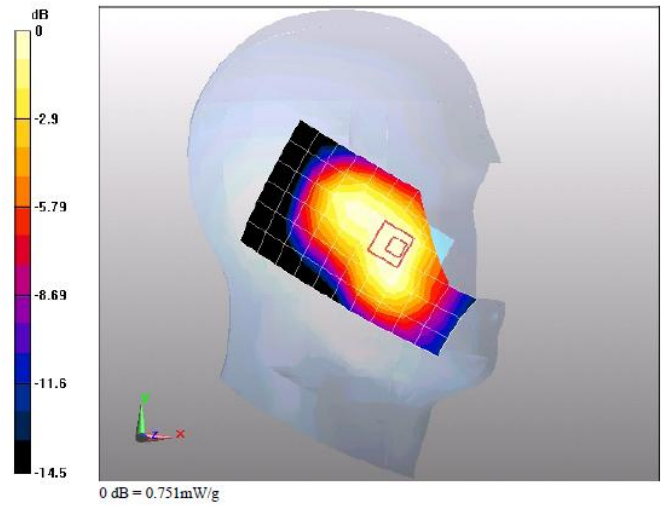
Reference Value = 8.62 V/m; Power Drift = -0.138 dB

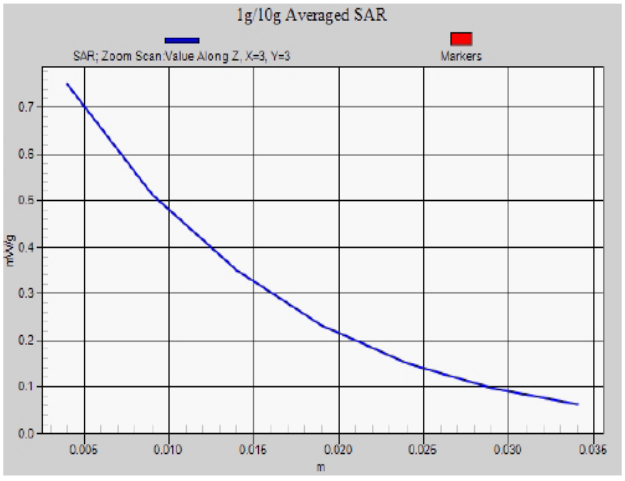
Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.458 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.751 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: 3/25/2011 16:04:21, Date/Time: 3/25/2011 16:13:14

M635 CDMA AWS 850CH Right hand touch check

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1752.5 MHz

Medium parameters used (interpolated): f = 1752.5 MHz; σ = 1.37 mho/m; ε_r = 38.6; ρ = 1000 kg/m3

Phantom section: Right Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.12, 5.12, 5.12); 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/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.990 mW/g

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

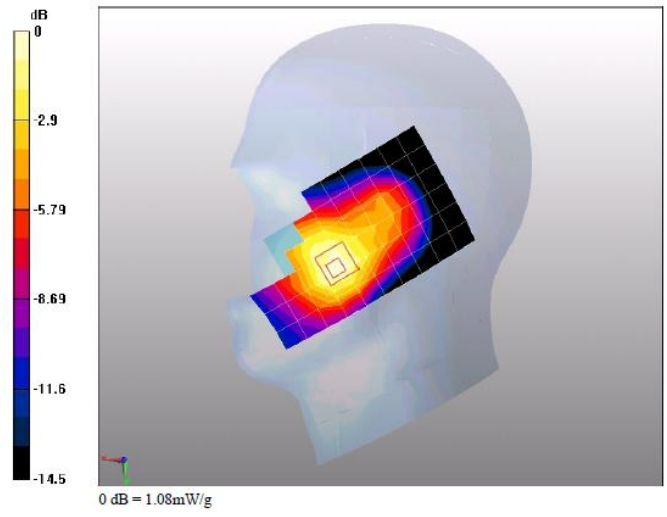
Reference Value = 10.6 V/m; Power Drift = -0.00849 dB

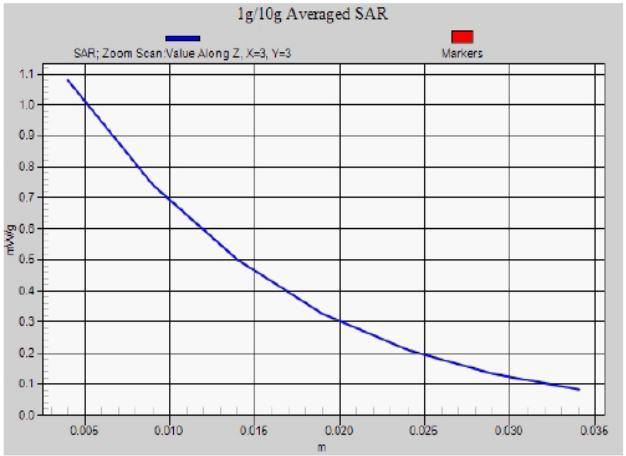
Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.992 mW/g; SAR(10 g) = 0.625 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.08 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: 3/25/2011 16:29:41, Date/Time: 3/25/2011 16:37:02

M635 CDMA AWS 25CH Right hand touch check

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1711.25 MHz

Medium parameters used (interpolated): f = 1711.25 MHz; σ = 1.33 mho/m; ε_r = 38.7; ρ = 1000 kg/m3

Phantom section: Right Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.12, 5.12, 5.12); 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/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.882 mW/g

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

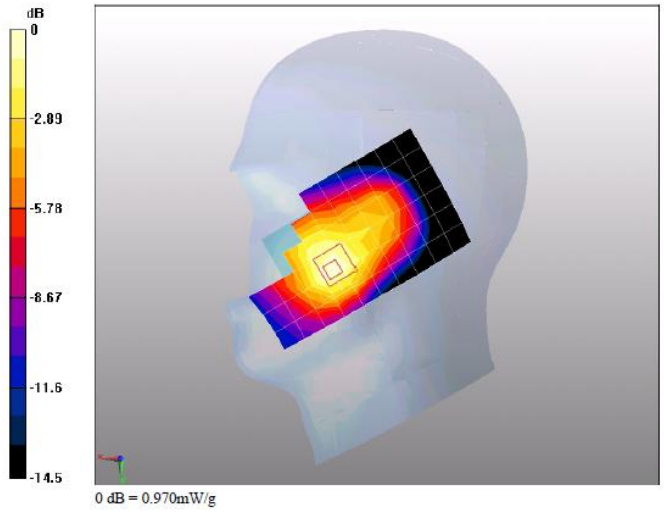
Reference Value = 10.3 V/m; Power Drift = -0.018 dB

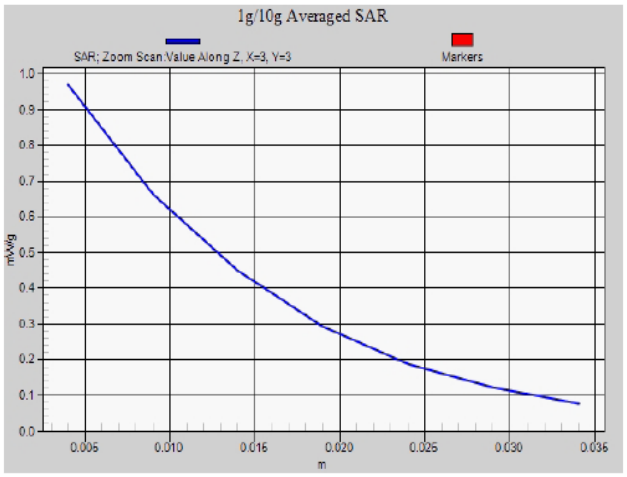
Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.889 mW/g; SAR(10 g) = 0.565 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.970 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 CDMA1700MHz Body

Date/Time: 3/24/2011 0:06:59, Date/Time: 3/24/2011 0:15:50, Date/Time: 3/24/2011 0:28:21

M635 CDMA AWS 450CH Towards phantom 15mm

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1732.5 MHz

Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.48 mho/m; ε_r = 51.9; ρ = 1000 kg/m3

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); 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 (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.407 mW/g

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

Reference Value = 12.4 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 0.574 W/kg

SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.227 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.393 mW/g

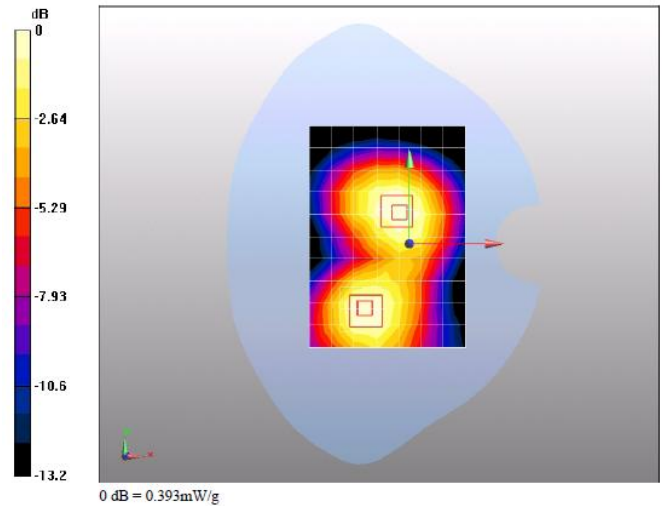
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

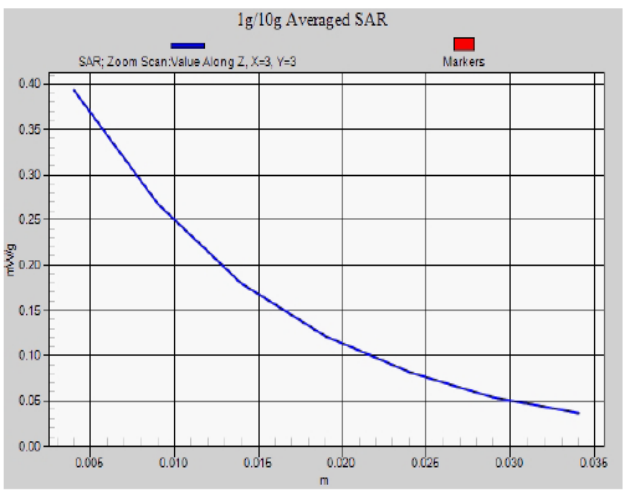
Reference Value = 12.4 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 0.546 W/kg

SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.242 mW/g

Info: Interpolated medium parameters used for SAR evaluation.





Additional information:

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

ambient temperature: 22.0°C; liquid temperature: 21.8°C

Date/Time: 3/24/2011 0:48:41, Date/Time: 3/24/2011 0:57:32

M635 CDMA AWS 450CH Towards ground 15mm

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1732.5 MHz

Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.48 mho/m; ε_r = 51.9; ρ = 1000 kg/m3

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); 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 (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.713 mW/g

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

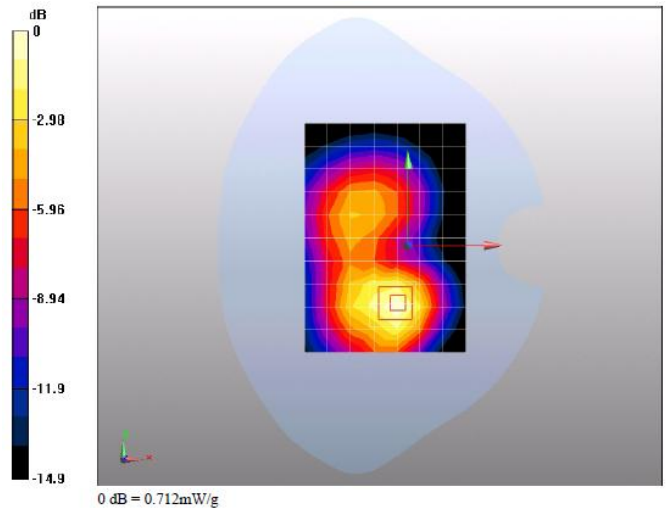
Reference Value = 10.1 V/m; Power Drift = 0.055 dB

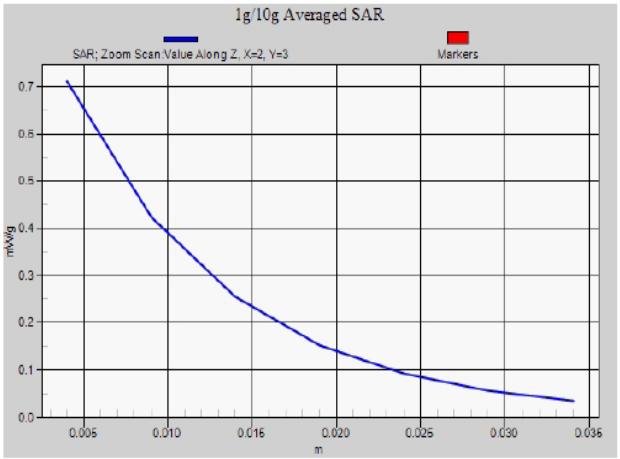
Peak SAR (extrapolated) = 1.1 W/kg

SAR(1 g) = 0.644 mW/g; SAR(10 g) = 0.364 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.712 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: 21.8°C

Date/Time: 3/24/2011 1:34:16, Date/Time: 3/24/2011 1:43:06

M635 CDMA AWS 850CH Towards ground 15mm

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1752.5 MHz

Medium parameters used (interpolated): f = 1752.5 MHz; σ = 1.5 mho/m; ε_r = 51.8; ρ = 1000 kg/m3

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); 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 (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.644 mW/g

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

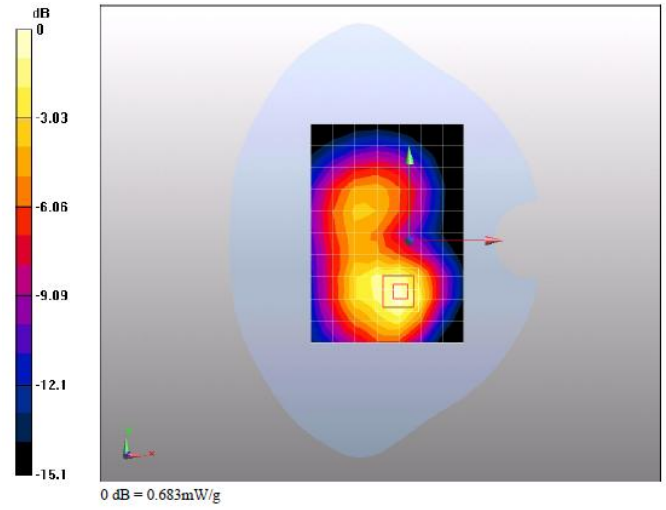
Reference Value = 10.4 V/m; Power Drift = 0.191 dB

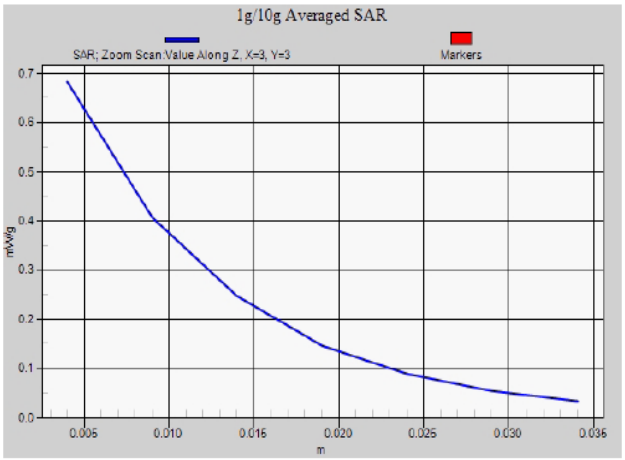
Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.628 mW/g; SAR(10 g) = 0.360 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.683 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: 21.8°C

Date/Time: 3/24/2011 1:57:17, Date/Time: 3/24/2011 2:06:08

M635 CDMA AWS 25CH Towards ground 15mm

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1711.25 MHz

Medium parameters used (interpolated): f = 1711.25 MHz; σ = 1.46 mho/m; ε_r = 52.1; ρ = 1000 kg/m3

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); 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 (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.662 mW/g

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

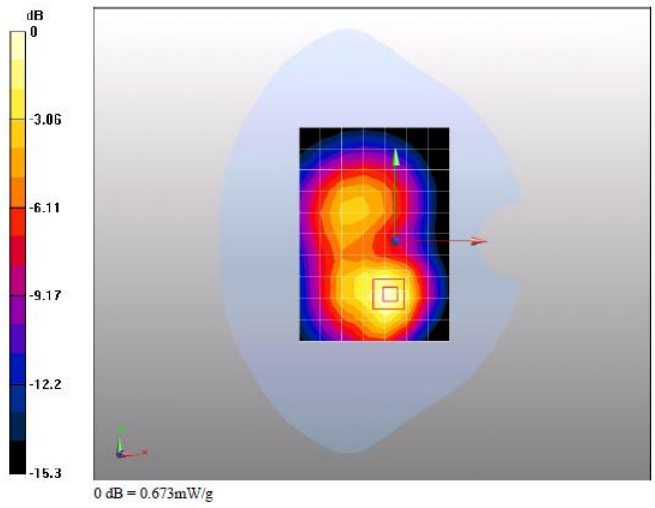
Reference Value = 10.5 V/m; Power Drift = -0.025 dB

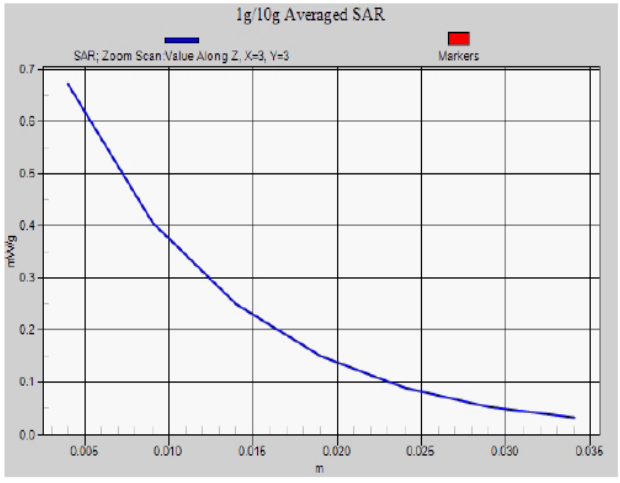
Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.624 mW/g; SAR(10 g) = 0.350 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.673 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: 21.8°C

Date/Time: 3/24/2011 2:26:52, Date/Time: 3/24/2011 2:35:43

M635 CDMA AWS 450CH Towards ground 15mm with Headset

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1732.5 MHz

Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.48 mho/m; ε_r = 51.9; ρ = 1000 kg/m3

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); 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 (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.539 mW/g

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

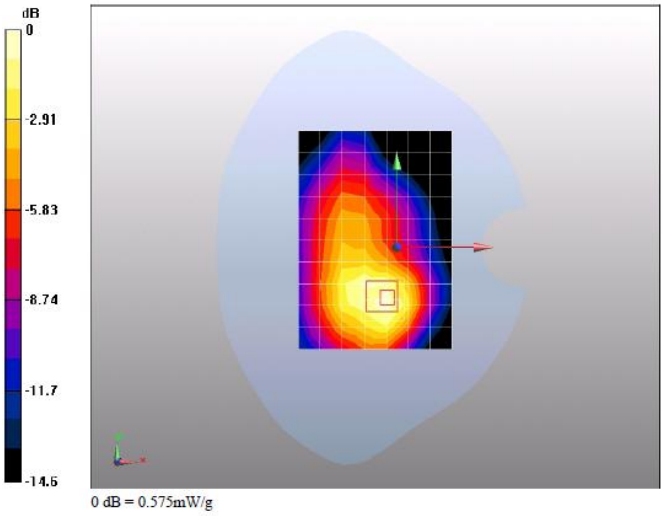
Reference Value = 11.9 V/m; Power Drift = 0.048 dB

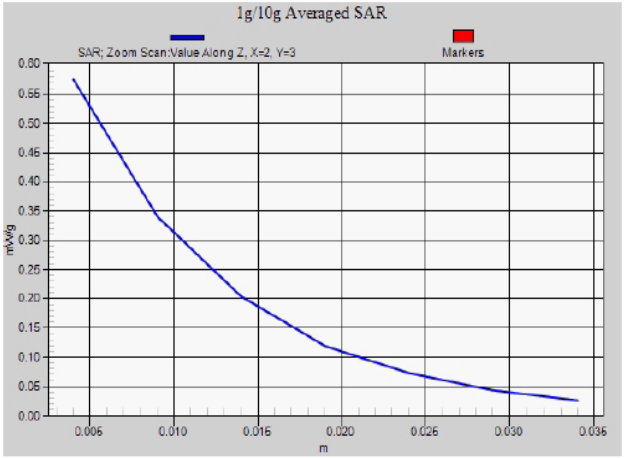
Peak SAR (extrapolated) = 0.894 W/kg

SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.306 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) : 15 mm

ambient temperature: 22.0°C; liquid temperature: 21.8°C

Date/Time: 3/24/2011 9:14:33, Date/Time: 3/24/2011 9:23:24

M635 CDMA AWS 450CH Towards ground 15mm with Bluetooth Headset

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1732.5 MHz

Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.48 mho/m; ε_r = 51.9; ρ = 1000 kg/m3

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); 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 (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.710 mW/g

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

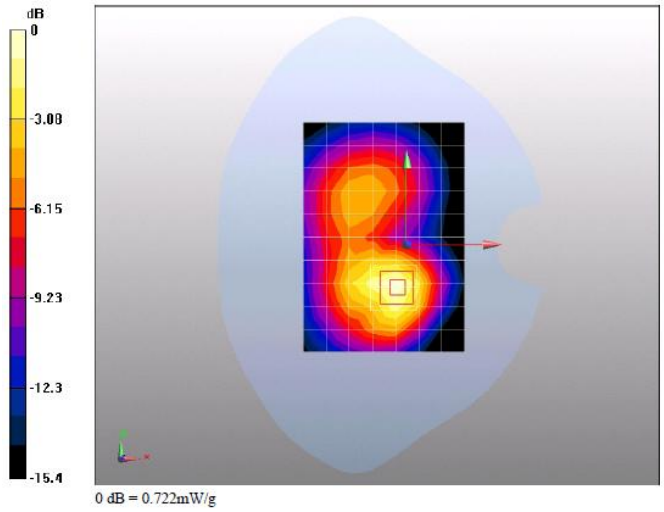
Reference Value = 10.6 V/m; Power Drift = 0.016 dB

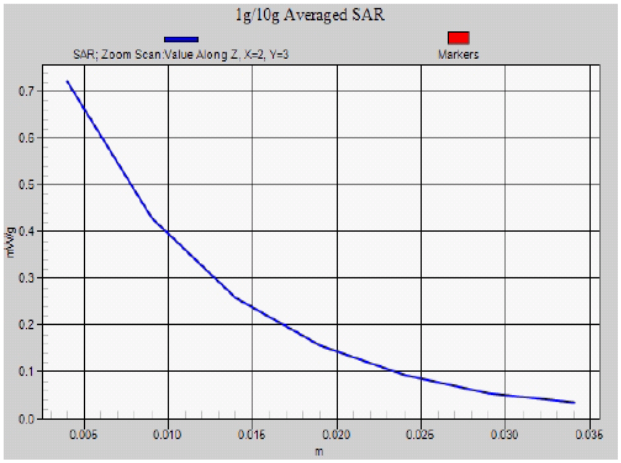
Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.658 mW/g; SAR(10 g) = 0.370 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.722 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: 21.8°C

Annex 2.5 CDMA1900MHz Head

Date/Time: 3/23/2011 11:13:26, Date/Time: 3/23/2011 11:21:43

M635 CDMA 1900 600CH Left hand touch check

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 39.4; 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: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.961 mW/g

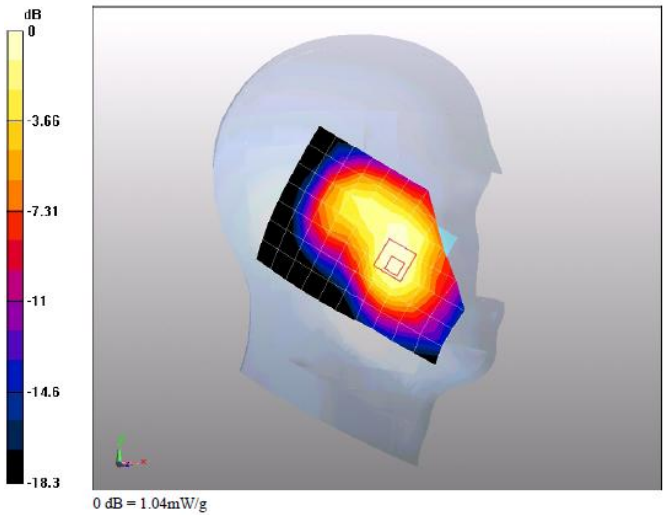
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

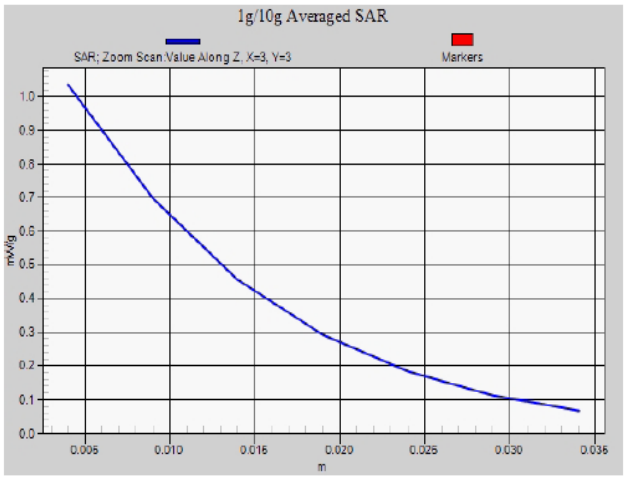
Reference Value = 10.3 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.958 mW/g; SAR(10 g) = 0.608 mW/g

Maximum value of SAR (measured) = 1.04 mW/g





Additional information:

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

ambient temperature: 22.0°C; liquid temperature: 21.8°C

Date/Time: 3/23/2011 16:11:02, Date/Time: 3/23/2011 16:18:38

M635 CDMA 1900 600CH Left hand tilt 15 degree

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 39.4; 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: 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) = 0.532 mW/g

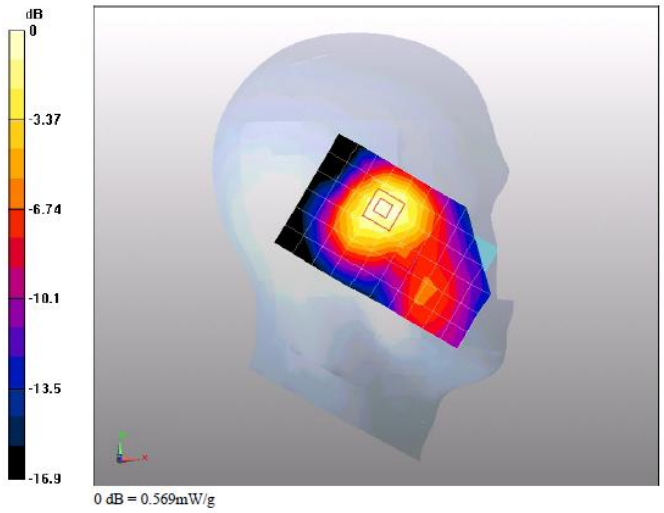
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

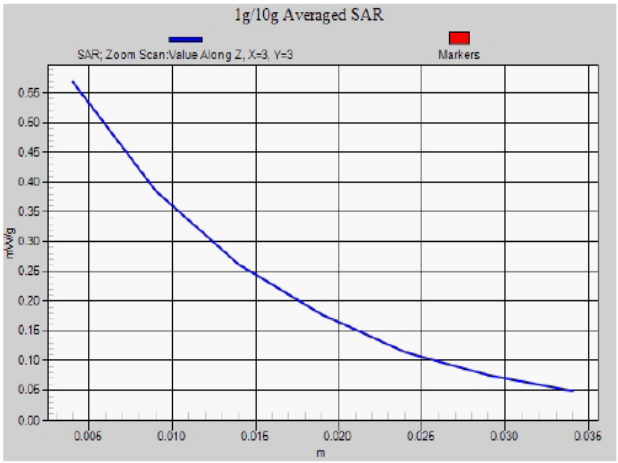
Reference Value = 13.4 V/m; Power Drift = 0.125 dB

Peak SAR (extrapolated) = 0.775 W/kg

SAR(1 g) = 0.524 mW/g; SAR(10 g) = 0.330 mW/g

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





Additional information:

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

ambient temperature: 22.0°C; liquid temperature: 21.8°C

Date/Time: 3/23/2011 14:46:52, Date/Time: 3/23/2011 14:53:52

M635 CDMA 1900 600CH Right hand touch check

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 39.4; ρ = 1000 kg/m3

Phantom section: Right 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: 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) = 1.09 mW/g

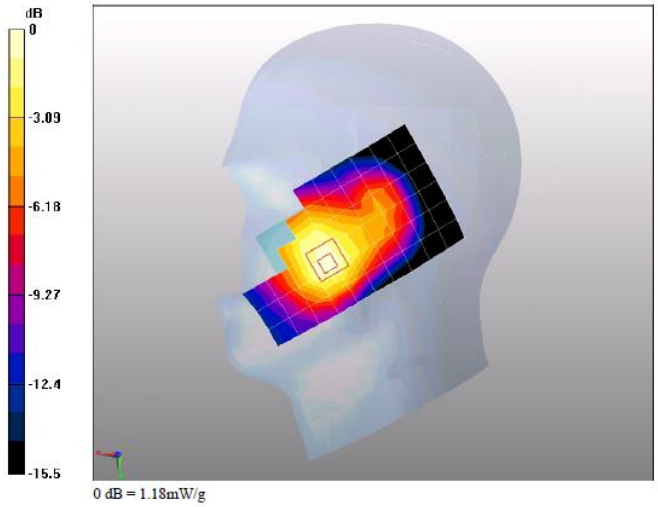
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

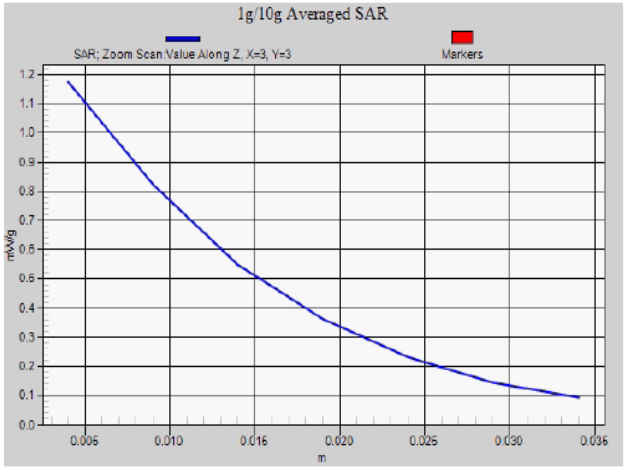
Reference Value = 11.1 V/m; Power Drift = -0.105 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.682 mW/g

Maximum value of SAR (measured) = 1.18 mW/g





Additional information:

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

ambient temperature: 22.0°C; liquid temperature: 21.8°C

Date/Time: 3/23/2011 15:39:10, Date/Time: 3/23/2011 15:46:32

M635 CDMA 1900 600CH Right hand tilt 15 degree

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 39.4; ρ = 1000 kg/m3

Phantom section: Right 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: 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) = 0.526 mW/g

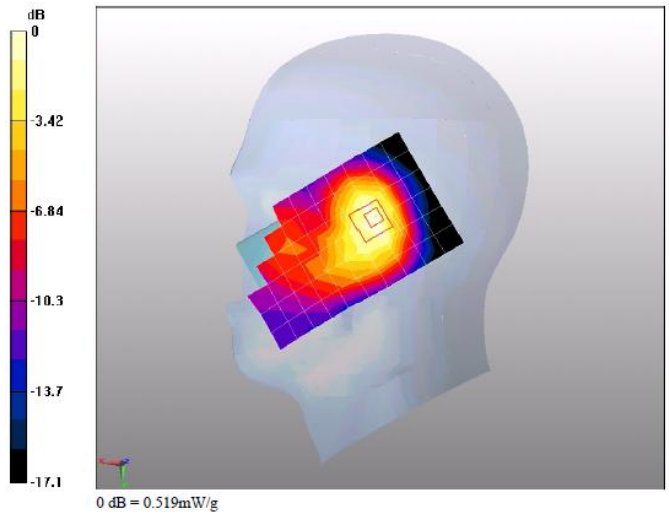
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

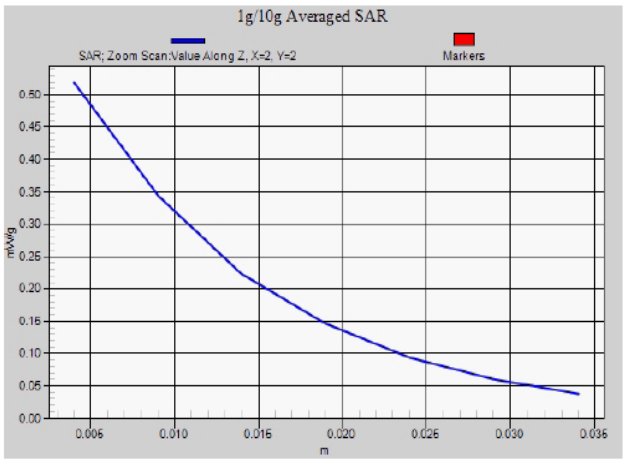
Reference Value = 15.6 V/m; Power Drift = 0.093 dB

Peak SAR (extrapolated) = 0.703 W/kg

SAR(1 g) = 0.478 mW/g; SAR(10 g) = 0.298 mW/g

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





Additional information:

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

ambient temperature: 22.0°C; liquid temperature: 21.8°C

Date/Time: 3/23/2011 11:13:26, Date/Time: 3/23/2011 11:21:43

M635 CDMA 1900 1175CH Left hand touch check

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1908.75 MHz

Medium parameters used (interpolated): f = 1908.75 MHz; σ = 1.43 mho/m; ε_r = 39.2; 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: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.988 mW/g

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

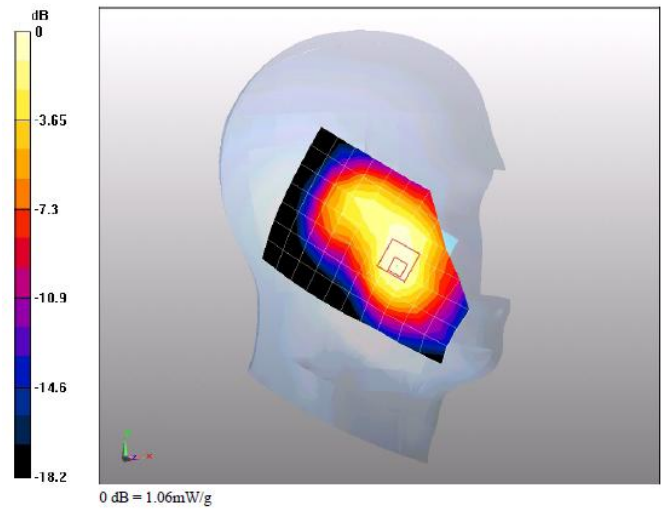
Reference Value = 10.3 V/m; Power Drift = 0.158 dB

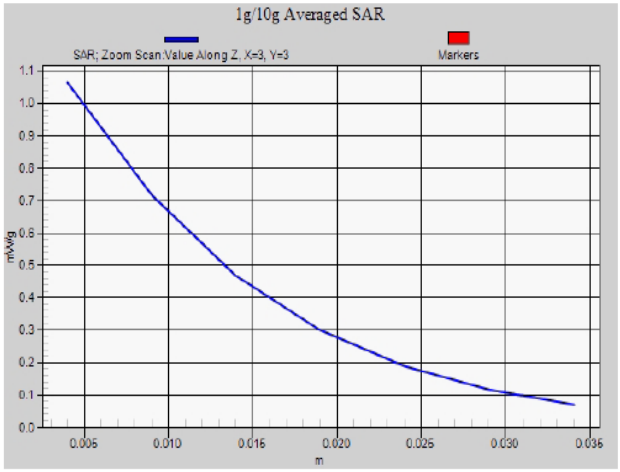
Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.986 mW/g; SAR(10 g) = 0.625 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.06 mW/g





Additional information:

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

ambient temperature: 22.0°C; liquid temperature: 21.8°C

Date/Time: 3/23/2011 11:13:26, Date/Time: 3/23/2011 11:21:43

M635 CDMA 1900 25CH Left hand touch check

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1851.25 MHz

Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.37 mho/m; ε_r = 39.5; 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: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (8x11x1): 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

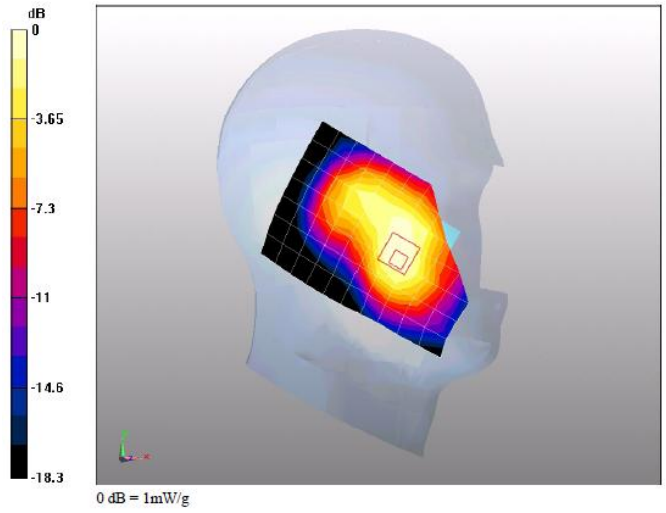
Reference Value = 10.2 V/m; Power Drift = -0.125 dB

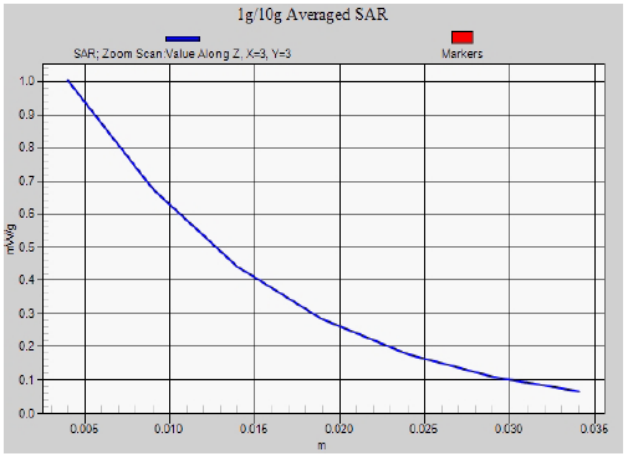
Peak SAR (extrapolated) = 1.4 W/kg

SAR(1 g) = 0.929 mW/g; SAR(10 g) = 0.589 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1 mW/g





Additional information:

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

ambient temperature: 22.0°C; liquid temperature: 21.8°C

Date/Time: 3/23/2011 14:15:52, Date/Time: 3/23/2011 14:22:52

M635 CDMA 1900 1175CH Right hand touch check

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1908.75 MHz

Medium parameters used (interpolated): f = 1908.75 MHz; σ = 1.43 mho/m; ε_r = 39.2; ρ = 1000 kg/m3

Phantom section: Right 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: 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) = 1.04 mW/g

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

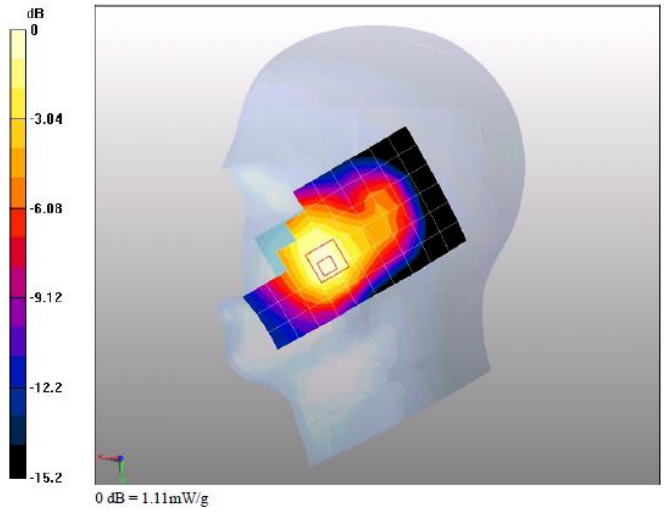
Reference Value = 11.2 V/m; Power Drift = -0.033 dB

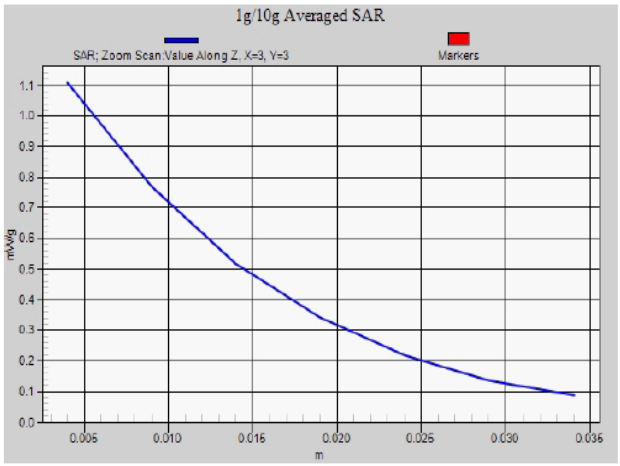
Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.645 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

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





Additional information:

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

ambient temperature: 22.0°C; liquid temperature: 21.8°C

Date/Time: 3/23/2011 15:09:37, Date/Time: 3/23/2011 15:16:37

M635 CDMA 1900 25CH Right hand touch check

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1851.25 MHz

Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.37 mho/m; ε_r = 39.5; ρ = 1000 kg/m3

Phantom section: Right 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: 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) = 1.08 mW/g

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

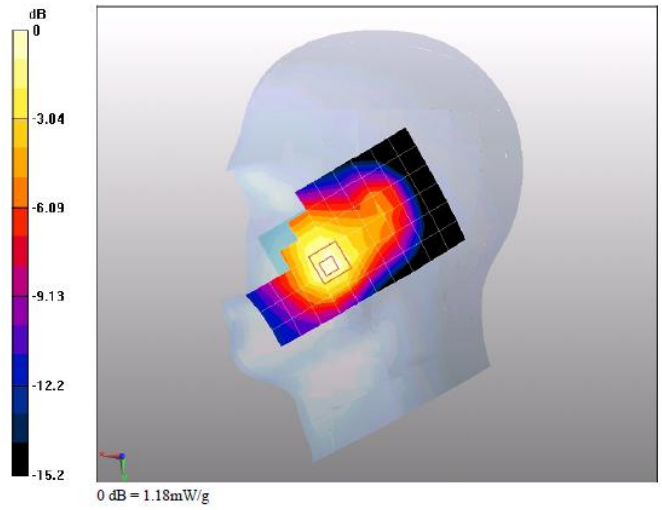
Reference Value = 10.9 V/m; Power Drift = 0.014 dB

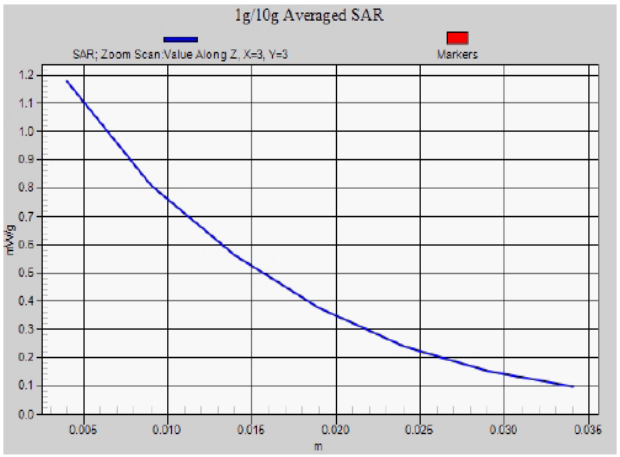
Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.679 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.18 mW/g





Additional information:

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

ambient temperature: 22.0°C; liquid temperature: 21.8°C

Annex 2.6 CDMA1900MHz Body

Date/Time: 3/24/2011 10:39:12, Date/Time: 3/24/2011 10:47:58, Date/Time: 3/24/2011 11:01:03

M635 CDMA 1900 600CH Towards phantom 15mm

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.9; 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 (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.449 mW/g

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

Reference Value = 10.2 V/m; Power Drift = -0.129 dB

Peak SAR (extrapolated) = 0.690 W/kg

SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.273 mW/g

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

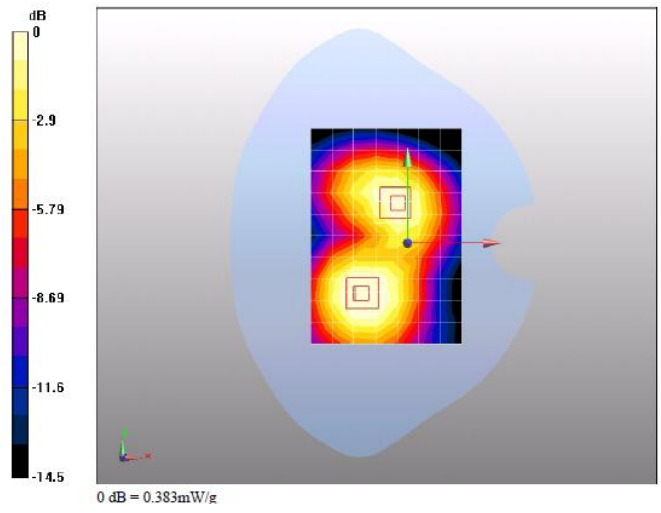
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

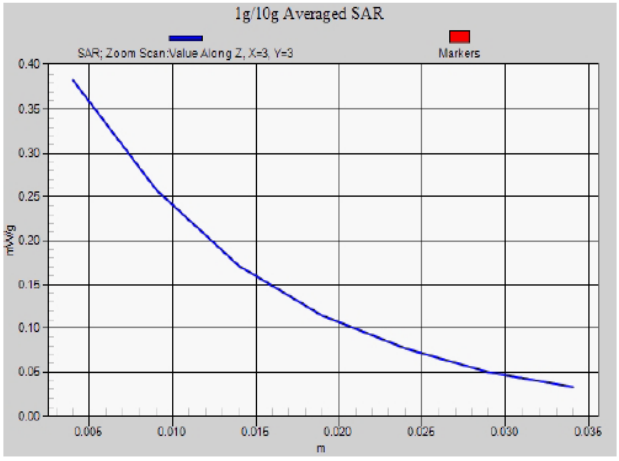
Reference Value = 10.2 V/m; Power Drift = -0.129 dB

Peak SAR (extrapolated) = 0.532 W/kg

SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.230 mW/g

Maximum value of SAR (measured) = 0.383 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: 21.7°C

Date/Time: 3/24/2011 11:20:15, Date/Time: 3/24/2011 11:29:48

M635 CDMA 1900 600CH Towards ground 15mm

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.9; 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 (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.874 mW/g

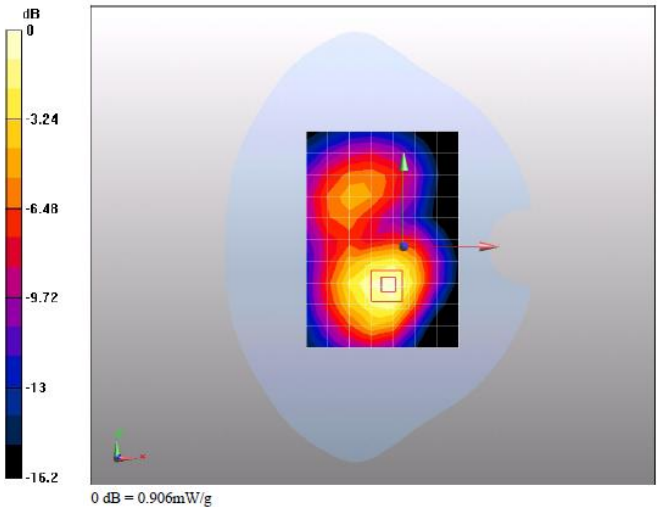
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

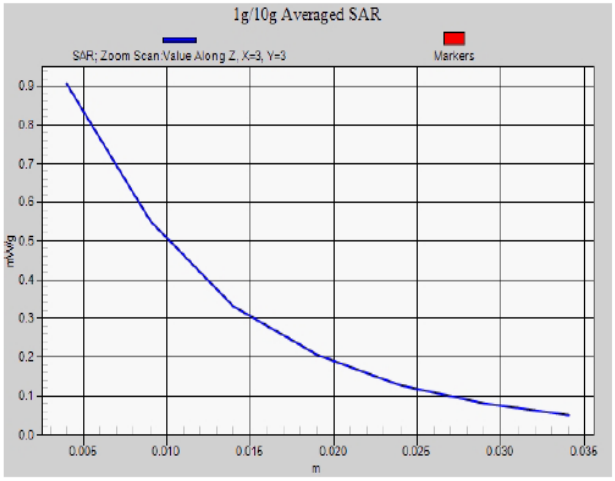
Reference Value = 12 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.828 mW/g; SAR(10 g) = 0.487 mW/g

Maximum value of SAR (measured) = 0.906 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: 21.7°C

Date/Time: 3/24/2011 11:52:51, Date/Time: 3/24/2011 12:01:39

M635 CDMA 1900 1175CH Towards ground 15mm

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1908.75 MHz

Medium parameters used (interpolated): f = 1908.75 MHz; σ = 1.54 mho/m; ε_r = 51.8; 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 (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.849 mW/g

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

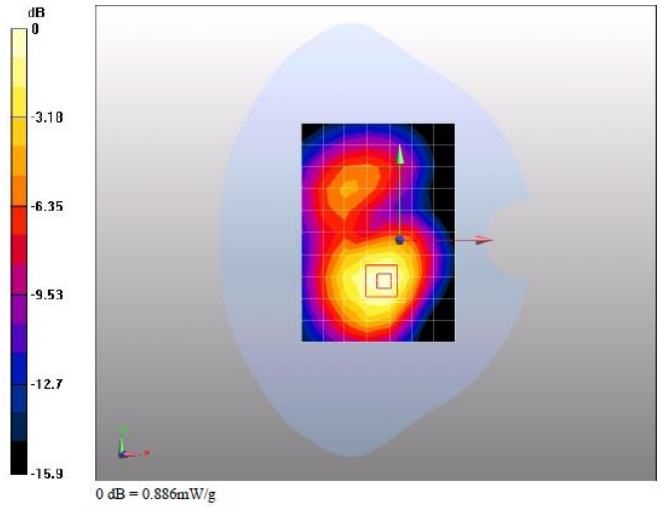
Reference Value = 12.1 V/m; Power Drift = -0.175 dB

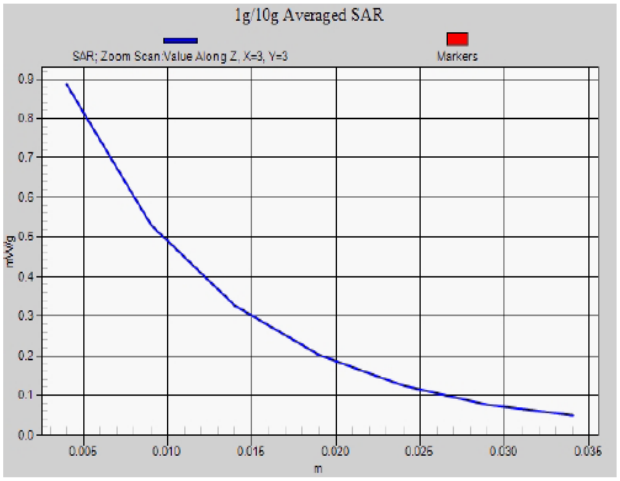
Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.811 mW/g; SAR(10 g) = 0.484 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.886 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: 21.7°C

Date/Time: 3/24/2011 12:21:54, Date/Time: 3/24/2011 12:30:42

M635 CDMA 1900 25CH Towards ground 15mm

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1851.25 MHz

Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.47 mho/m; ε_r = 52; 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 (8x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.762 mW/g

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

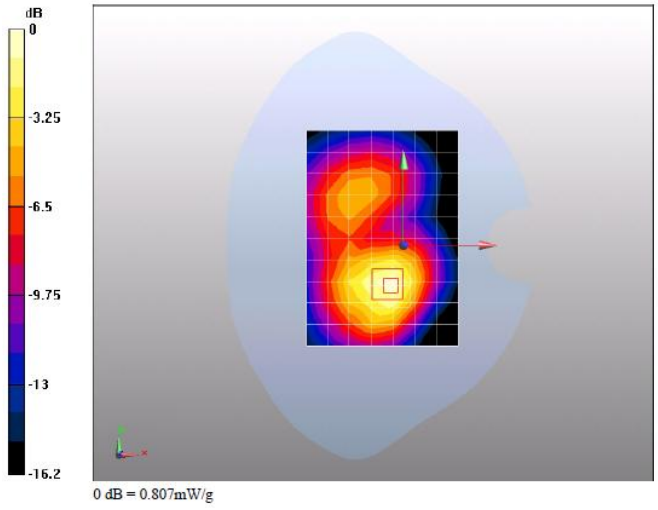
Reference Value = 10.8 V/m; Power Drift = -0.149 dB

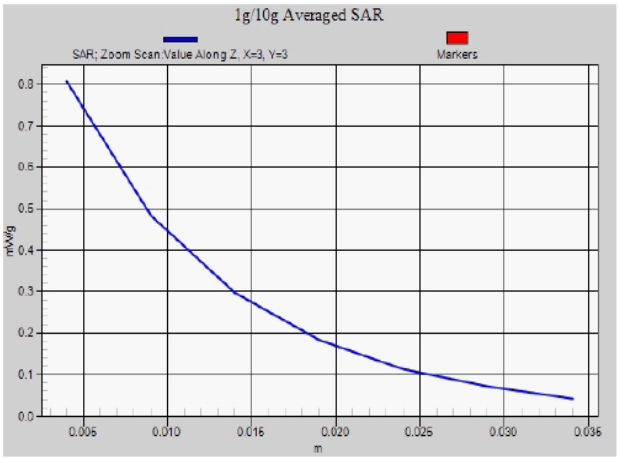
Peak SAR (extrapolated) = 1.2 W/kg

SAR(1 g) = 0.724 mW/g; SAR(10 g) = 0.422 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.807 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: 21.7°C

Date/Time: 3/24/2011 14:20:12, Date/Time: 3/24/2011 14:29:06

M635 CDMA 1900 600CH Towards ground 15mm with Headset

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.9; 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 (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.714 mW/g

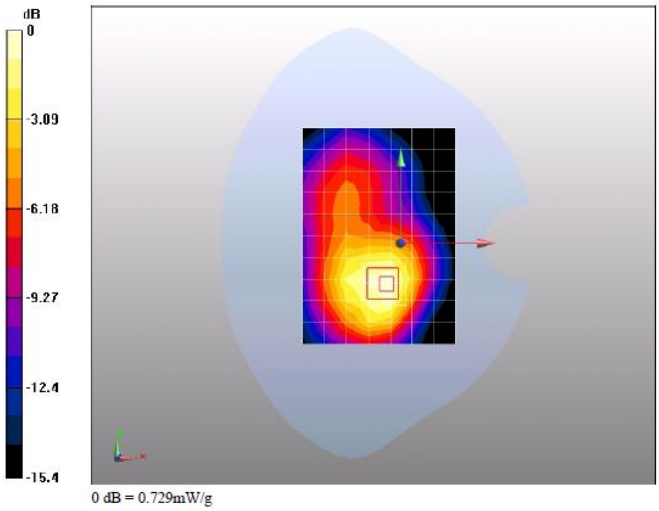
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

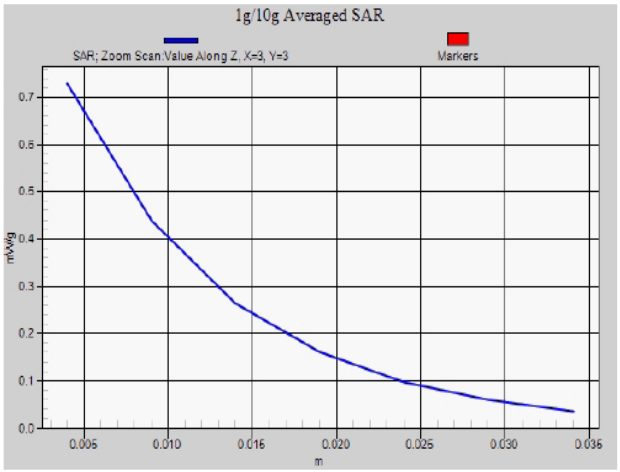
Reference Value = 13.6 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.675 mW/g; SAR(10 g) = 0.402 mW/g

Maximum value of SAR (measured) = 0.729 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: 21.7°C

Date/Time: 3/24/2011 14:51:59, Date/Time: 3/24/2011 15:00:47

M635 CDMA 1900 600CH Towards ground 15mm with Bluetooth Headset

DUT: M635; Type: Handset; Serial: Z7H2B11112100217

Communication System: HW -CDMA2000; Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 51.9; 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 (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.782 mW/g

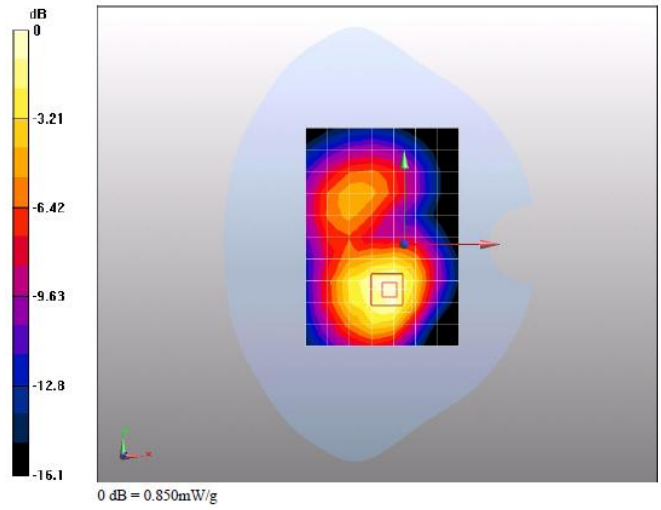
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

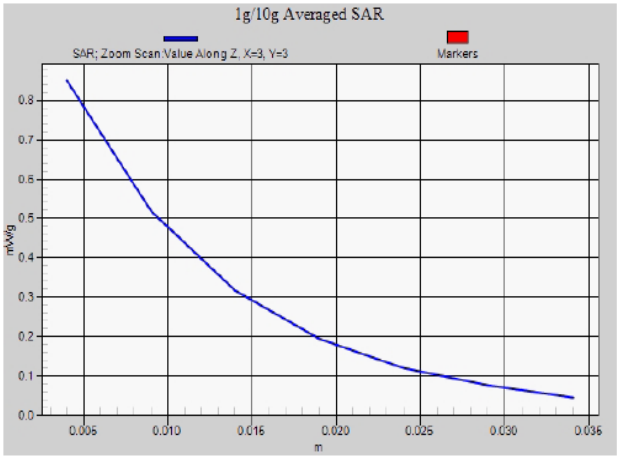
Reference Value = 9.97 V/m; Power Drift = -0.068 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.780 mW/g; SAR(10 g) = 0.462 mW/g

Maximum value of SAR (measured) = 0.850 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: 21.7°C

Annex 3 Photo documentation

Annex 3.1 Test Facility

Photo 1: Measurement System DASY5

Photo 2: Measurement System DASY5