SAMSUNG FCC ID : A3LSPHA760 -- 835 MHz AMPS Head SAR

DUT: SPH-A760; Serial: FB-051-D

Program Name: SPH-A760 AMPS Right (Job No.: FB-051)
Procedure Name: Cheek/Touch, Ch.991, Ant.Out, Bat.Extended
Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-03/Sep/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: AMPS; Frequency: 824.04 MHz;Duty Cycle: 1:1

Medium parameters used: f = 824.04 MHz; σ = 0.88 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY4 Configuration:

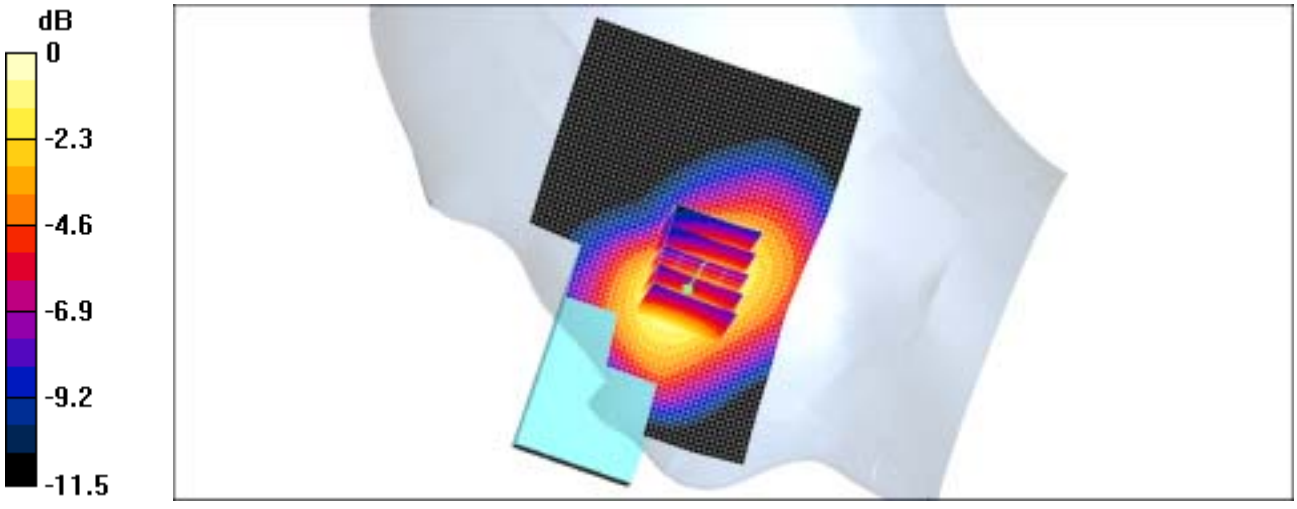
- Probe: ET3DV6 - SN1551; ConvF(6.54, 6.54, 6.54); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Cheek/Touch, Ch.991, Ant.Out, Bat.Extended/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.608 mW/g

Cheek/Touch, Ch.991, Ant.Out, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.61 V/m; Power Drift = 0.1 dB
Peak SAR (extrapolated) = 0.833 W/kg
SAR(1 g) = 0.557 mW/g
Maximum value of SAR (measured) = 0.588 mW/g



0 dB = 0.588mW/g

SAMSUNG FCC ID : A3LSPHA760 -- 835 MHz AMPS Head SAR

DUT: SPH-A760; Serial: FB-051-D

Program Name: SPH-A760 AMPS Right (Job No.: FB-051)
Procedure Name: Ear/Tilt, Ch.383, Ant.Out, Bat.Extended
Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-03/Sep/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: AMPS; Frequency: 836.49 MHz;Duty Cycle: 1:1

Medium parameters used: f = 836.49 MHz; σ = 0.88 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY4 Configuration:

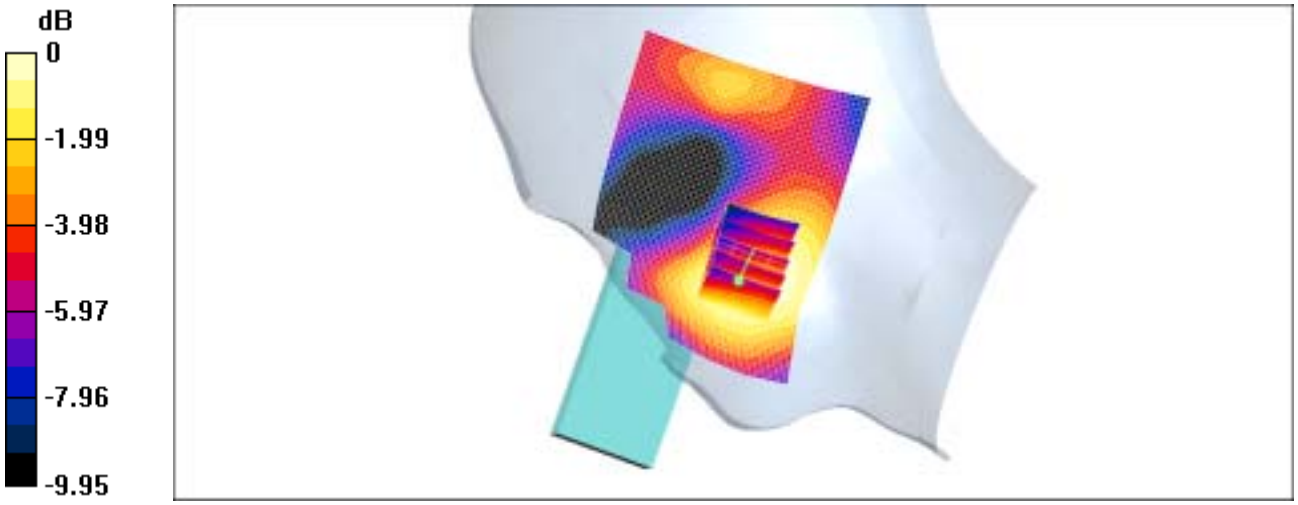
- Probe: ET3DV6 - SN1551; ConvF(6.54, 6.54, 6.54); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Ear/Tilt, Ch.383, Ant.Out, Bat.Extended/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.075 mW/g

Ear/Tilt, Ch.383, Ant.Out, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.34 V/m; Power Drift = 0.002 dB
Peak SAR (extrapolated) = 0.091 W/kg
SAR(1 g) = 0.070 mW/g
Maximum value of SAR (measured) = 0.073 mW/g



0 dB = 0.073mW/g

SAMSUNG FCC ID : A3LSPHA760 -- 835 MHz AMPS Head SAR

DUT: SPH-A760; Serial: FB-051-D

Program Name: SPH-A760 AMPS Left (Job No.: FB-051)
Procedure Name: Cheek/Touch, Ch.991, Ant.Out, Bat.Extended
Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-03/Sep/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: AMPS; Frequency: 824.04 MHz;Duty Cycle: 1:1

Medium parameters used: f = 824.04 MHz; σ = 0.88 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY4 Configuration:

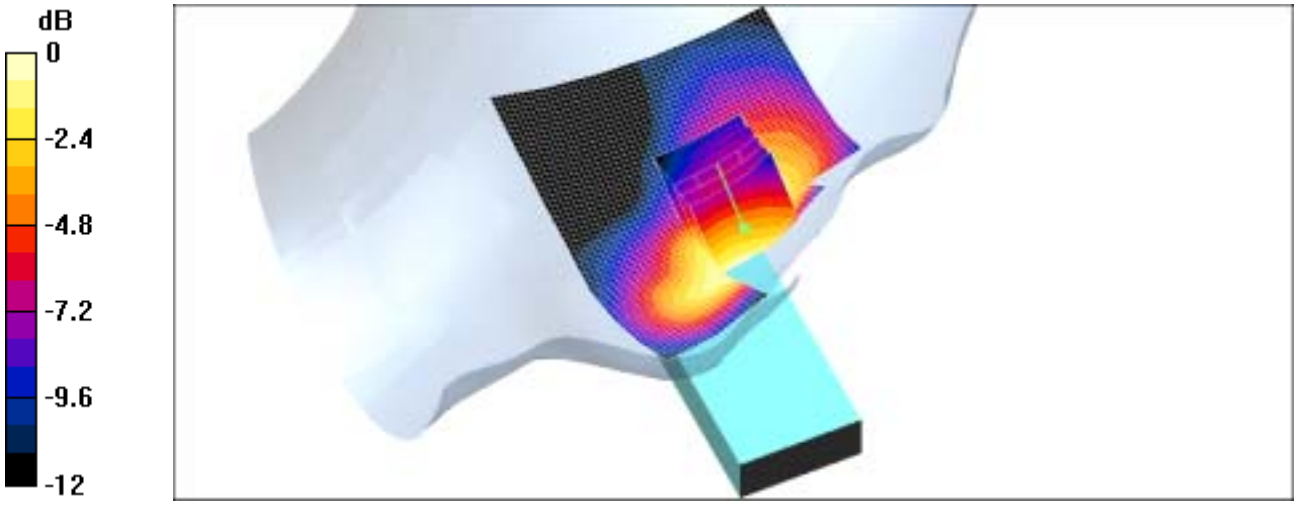
- Probe: ET3DV6 - SN1551; ConvF(6.54, 6.54, 6.54); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Cheek/Touch, Ch.991, Ant.Out, Bat.Extended/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.496 mW/g

Cheek/Touch, Ch.991, Ant.Out, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.22 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.661 W/kg
SAR(1 g) = 0.468 mW/g
Maximum value of SAR (measured) = 0.479 mW/g



0 dB = 0.479mW/g

SAMSUNG FCC ID : A3LSPHA760 -- 835 MHz AMPS Head SAR

DUT: SPH-A760; Serial: FB-051-D

Program Name: SPH-A760 AMPS Left (Job No.: FB-051)
Procedure Name: Ear/Tilt, Ch.383, Ant.Out, Bat.Extended
Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-03/Sep/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: AMPS; Frequency: 836.49 MHz;Duty Cycle: 1:1

Medium parameters used: f = 836.49 MHz; σ = 0.88 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY4 Configuration:

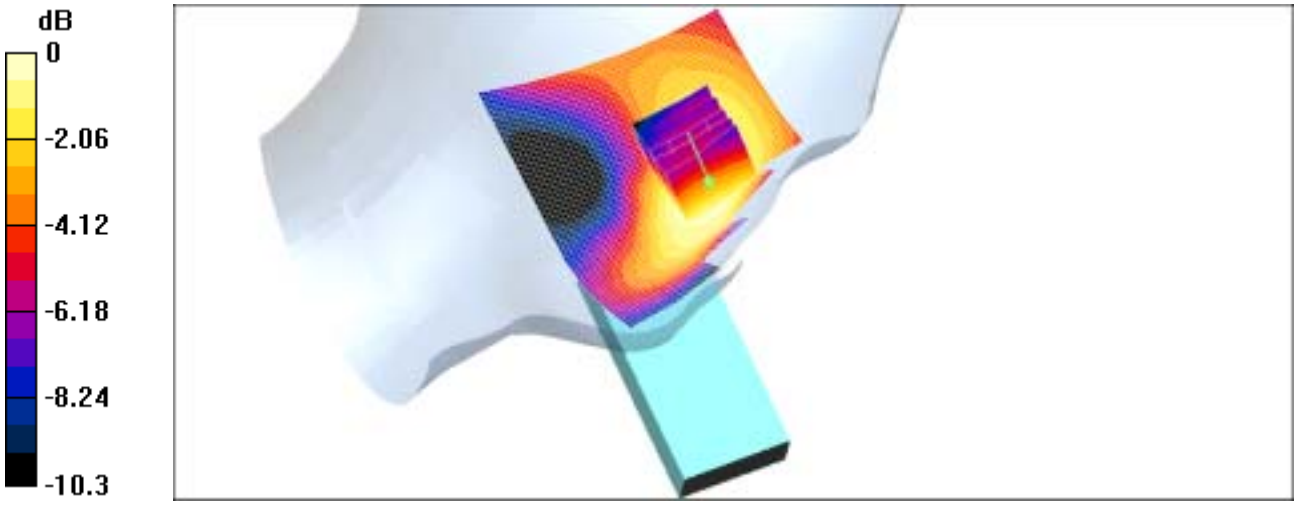
- Probe: ET3DV6 - SN1551; ConvF(6.54, 6.54, 6.54); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Ear/Tilt, Ch.383, Ant.Out, Bat.Extended/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.095 mW/g

Ear/Tilt, Ch.383, Ant.Out, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.45 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.112 W/kg
SAR(1 g) = 0.086 mW/g
Maximum value of SAR (measured) = 0.088 mW/g



0 dB = 0.088mW/g

SAMSUNG FCC ID : A3LSPHA760 -- 835 MHz CDMA Head SAR

DUT: SPH-A760; Serial: FB-051-D

Program Name: SPH-A760 CDMA Right (Job No.: FB-051)
Procedure Name: Cheek/Touch, Ch.1013, Ant.Out, Bat.Extended
Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-06/Sep/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 824.7 MHz;Duty Cycle: 1:1

Medium parameters used: f = 824.7 MHz; σ = 0.88 mho/m; ε_r = 41.4; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY4 Configuration:

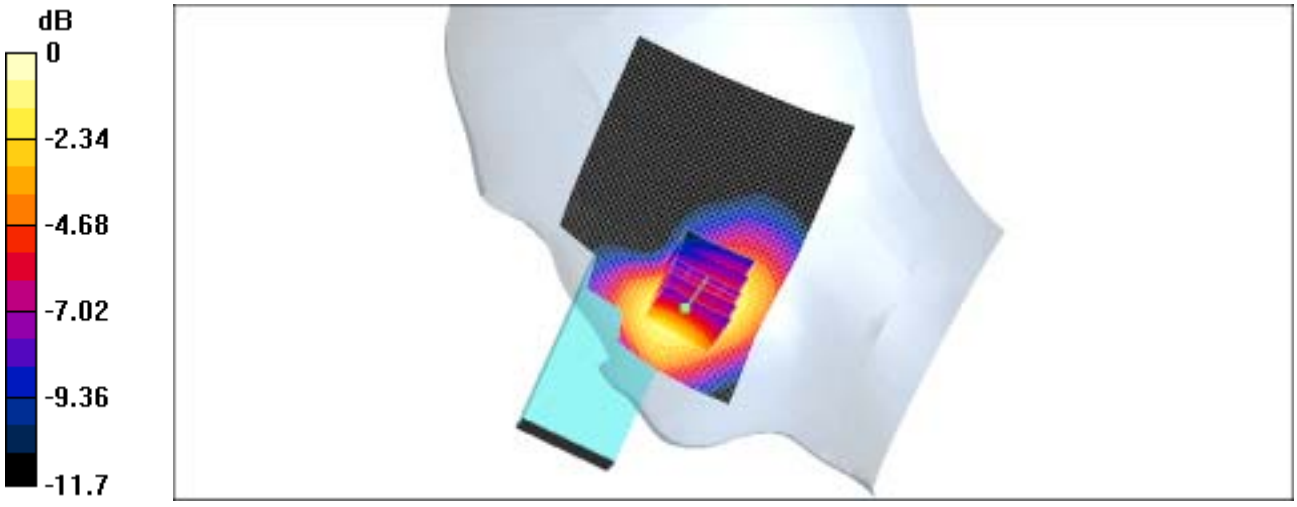
- Probe: ET3DV6 - SN1551; ConvF(6.54, 6.54, 6.54); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Cheek/Touch, Ch.1013, Ant.Out, Bat.Extended/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.497 mW/g

Cheek/Touch, Ch.1013, Ant.Out, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.03 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.676 W/kg
SAR(1 g) = 0.450 mW/g
Maximum value of SAR (measured) = 0.473 mW/g



0 dB = 0.473mW/g

SAMSUNG FCC ID : A3LSPHA760 -- 835 MHz CDMA Head SAR

DUT: SPH-A760; Serial: FB-051-D

Program Name: SPH-A760 CDMA Right (Job No.: FB-051)
Procedure Name: Ear/Tilt, Ch.0363, Ant.Out, Bat.Extended
Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-06/Sep/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 835.89 MHz;Duty Cycle: 1:1

Medium parameters used: f = 835.89 MHz; σ = 0.88 mho/m; ε_r = 41.4; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY4 Configuration:

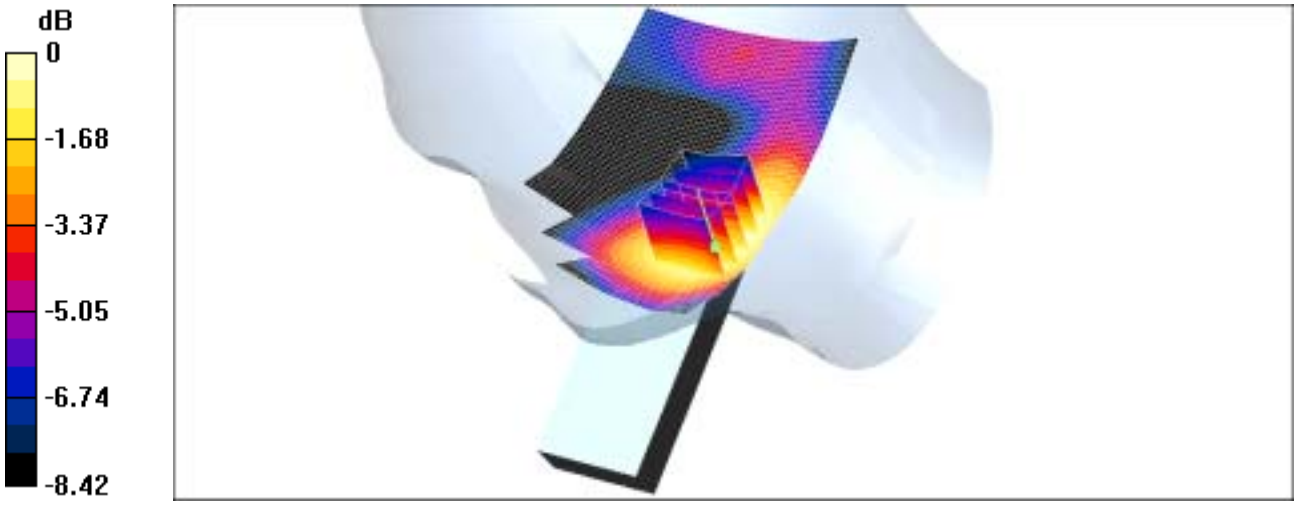
- Probe: ET3DV6 - SN1551; ConvF(6.54, 6.54, 6.54); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Ear/Tilt, Ch.0363, Ant.Out, Bat.Extended/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.081 mW/g

Ear/Tilt, Ch.0363, Ant.Out, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.5 V/m; Power Drift = -0.0 dB
Peak SAR (extrapolated) = 0.098 W/kg
SAR(1 g) = 0.076 mW/g
Maximum value of SAR (measured) = 0.080 mW/g



0 dB = 0.080mW/g

SAMSUNG FCC ID : A3LSPHA760 -- 835 MHz CDMA Head SAR

DUT: SPH-A760; Serial: FB-051-D

Program Name: SPH-A760 CDMA Left (Job No.: FB-051)
Procedure Name: Cheek/Touch, Ch.1013, Ant.Out, Bat.Extended
Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-06/Sep/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 824.7 MHz;Duty Cycle: 1:1

Medium parameters used: f = 824.7 MHz; σ = 0.88 mho/m; ε_r = 41.4; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY4 Configuration:

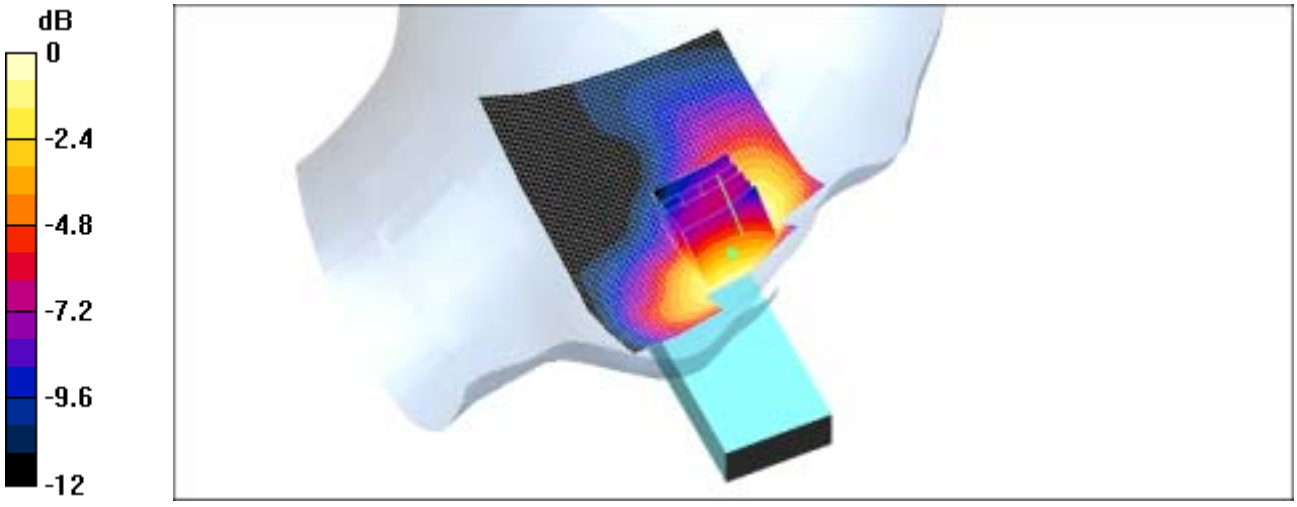
- Probe: ET3DV6 - SN1551; ConvF(6.54, 6.54, 6.54); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Cheek/Touch, Ch.1013, Ant.Out, Bat.Extended/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.368 mW/g

Cheek/Touch, Ch.1013, Ant.Out, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.99 V/m; Power Drift = 0.0 dB
Peak SAR (extrapolated) = 0.507 W/kg
SAR(1 g) = 0.377 mW/g
Maximum value of SAR (measured) = 0.370 mW/g



0 dB = 0.370mW/g

SAMSUNG FCC ID : A3LSPHA760 -- 835 MHz CDMA Head SAR

DUT: SPH-A760; Serial: FB-051-D

Program Name: SPH-A760 CDMA Left (Job No.: FB-051)
Procedure Name: Ear/Tilt, Ch.0363, Ant.Out, Bat.Extended
Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-06/Sep/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 835.89 MHz;Duty Cycle: 1:1

Medium parameters used: f = 835.89 MHz; σ = 0.88 mho/m; ε_r = 41.4; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY4 Configuration:

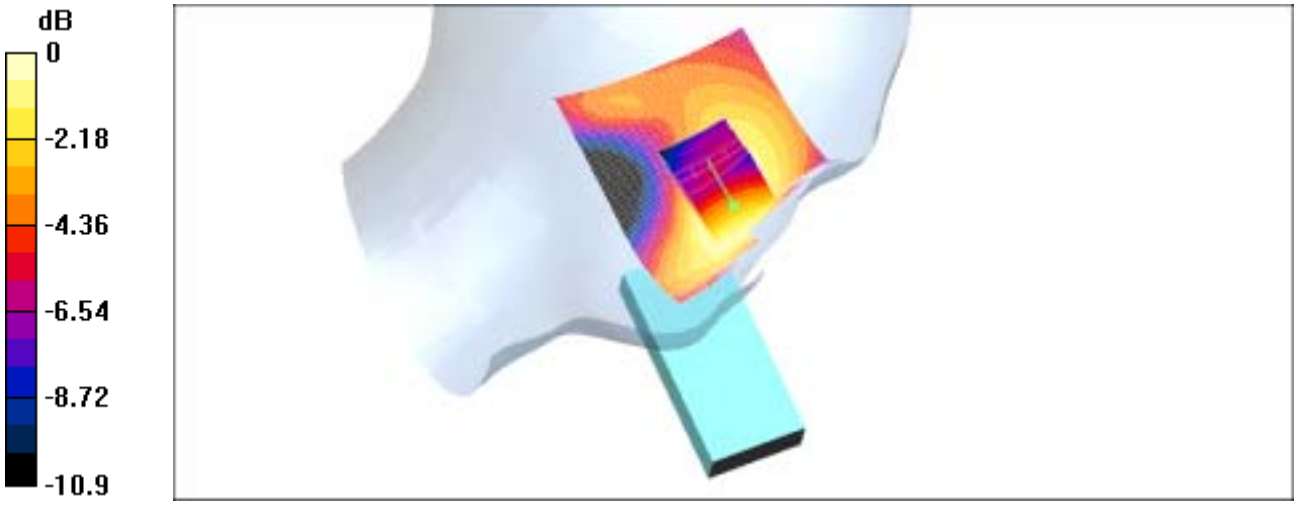
- Probe: ET3DV6 - SN1551; ConvF(6.54, 6.54, 6.54); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Ear/Tilt, Ch.0363, Ant.Out, Bat.Extended/Area Scan (61x91x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.101 mW/g

Ear/Tilt, Ch.0363, Ant.Out, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.94 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.121 W/kg
SAR(1 g) = 0.093 mW/g
Maximum value of SAR (measured) = 0.097 mW/g



0 dB = 0.097mW/g

SAMSUNG FCC ID : A3LSPHA760 -- 1900 MHz PCS CDMA Head SAR

DUT: SPH-A760; Serial: FB-051-D

Program Name: SPH-A760 PCS Right (Job No.: FB-051)
Procedure Name: Cheek/Touch, Ch.0025, Ant.In, Bat.Extended
Procedure Notes: Meas.Tissue Temp(celsius)-21.4;Test Date-07/Sep/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: PCS; Frequency: 1851.25 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1851.25 MHz; σ = 1.39 mho/m; ε_r = 40; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY4 Configuration:

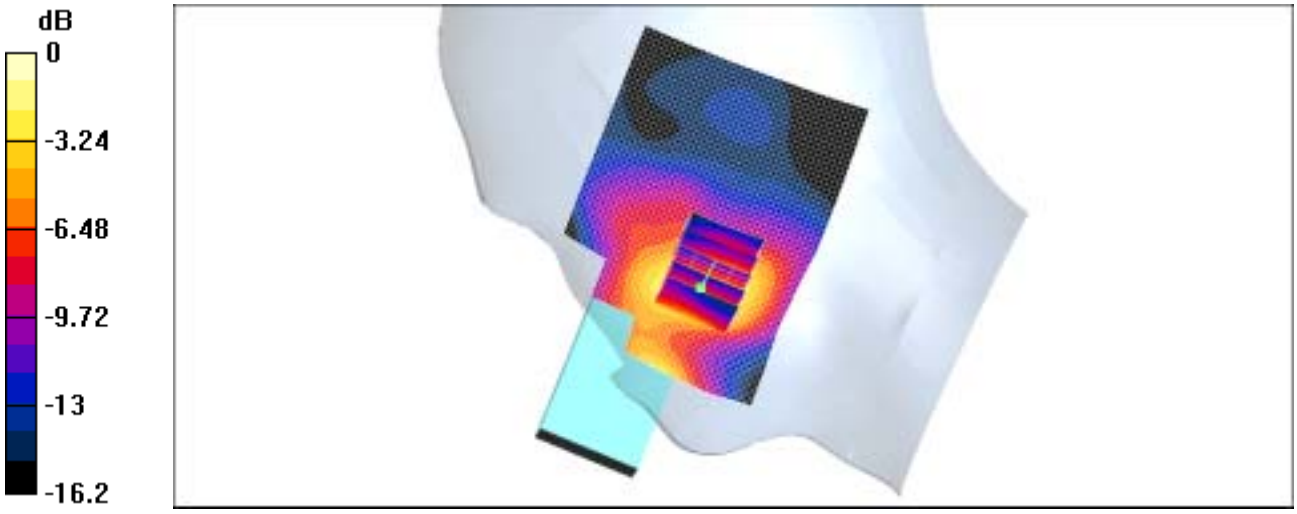
- Probe: ET3DV6 - SN1551; ConvF(5, 5, 5); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Cheek/Touch, Ch.0025, Ant.In, Bat.Extended/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.968 mW/g

Cheek/Touch, Ch.0025, Ant.In, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.09 V/m; Power Drift = 0.1 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.946 mW/g
Maximum value of SAR (measured) = 1.08 mW/g



0 dB = 1.08mW/g

SAMSUNG FCC ID : A3LSPHA760 -- 1900 MHz PCS CDMA Head SAR

DUT: SPH-A760; Serial: FB-051-D

Program Name: SPH-A760 PCS Right (Job No.: FB-051)
Procedure Name: Ear/Tilt, Ch.0600, Ant.In, Bat.Extended
Procedure Notes: Meas.Tissue Temp(celsius)-21.4;Test Date-07/Sep/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.39 mho/m; ε_r = 40; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5, 5, 5); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Ear/Tilt, Ch.0600, Ant.In, Bat.Extended/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

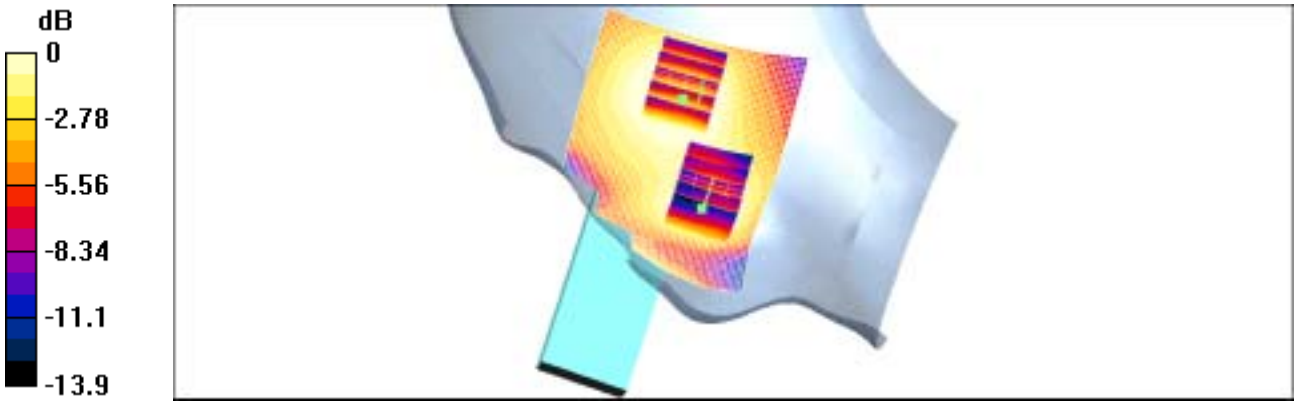
Maximum value of SAR (interpolated) = 0.140 mW/g

Ear/Tilt, Ch.0600, Ant.In, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.73 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.193 W/kg
SAR(1 g) = 0.135 mW/g
Maximum value of SAR (measured) = 0.142 mW/g

Ear/Tilt, Ch.0600, Ant.In, Bat.Extended/Zoom Scan (5x5x7)/Cube 1:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.73 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.124 W/kg
SAR(1 g) = 0.091 mW/g
Maximum value of SAR (measured) = 0.097 mW/g



0 dB = 0.097mW/g

SAMSUNG FCC ID : A3LSPHA760 -- 1900 MHz PCS CDMA Head SAR

DUT: SPH-A760; Serial: FB-051-D

Program Name: SPH-A760 PCS Left (Job No.: FB-051)
Procedure Name: Cheek/Touch, Ch.0025, Ant.In, Bat.Extended
Procedure Notes: Meas.Tissue Temp(celsius)-21.4;Test Date-07/Sep/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: PCS; Frequency: 1851.25 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1851.25 MHz; σ = 1.39 mho/m; ε_r = 40; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5, 5, 5); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Cheek/Touch, Ch.0025, Ant.In, Bat.Extended/Area Scan (61x91x1):

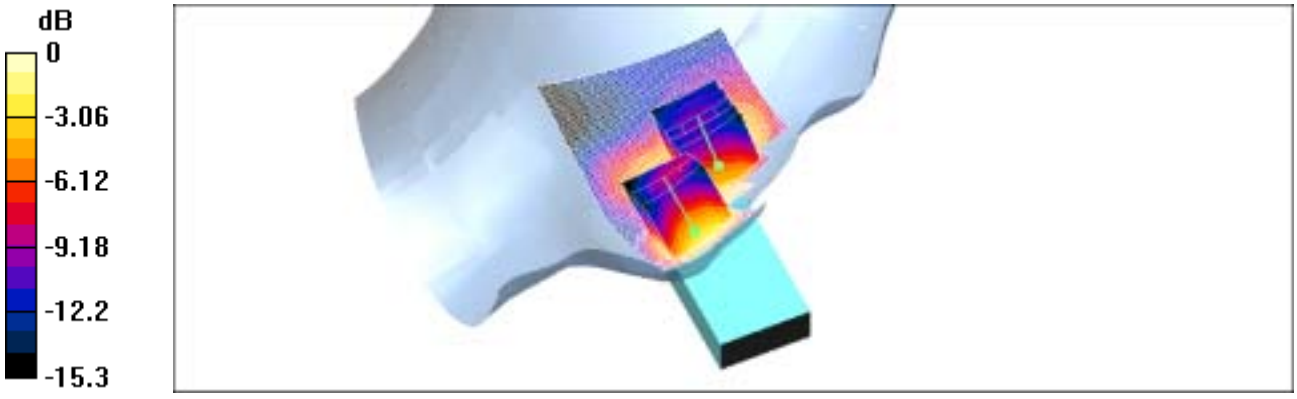
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.01 mW/g

Cheek/Touch, Ch.0025, Ant.In, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.63 V/m; Power Drift = 0.1 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.796 mW/g
Maximum value of SAR (measured) = 0.863 mW/g

Cheek/Touch, Ch.0025, Ant.In, Bat.Extended/Zoom Scan (5x5x7)/Cube 1:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.63 V/m; Power Drift = 0.1 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.694 mW/g
Maximum value of SAR (measured) = 0.762 mW/g



0 dB = 0.762mW/g

SAMSUNG FCC ID : A3LSPHA760 -- 1900 MHz PCS CDMA Head SAR

DUT: SPH-A760; Serial: FB-051-D

Program Name: SPH-A760 PCS Left (Job No.: FB-051)
Procedure Name: Ear/Tilt, Ch.0600, Ant.In, Bat.Extended
Procedure Notes: Meas.Tissue Temp(celsius)-21.4;Test Date-07/Sep/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.39 mho/m; ε_r = 40; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5, 5, 5); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Ear/Tilt, Ch.0600, Ant.In, Bat.Extended/Area Scan (51x71x1):

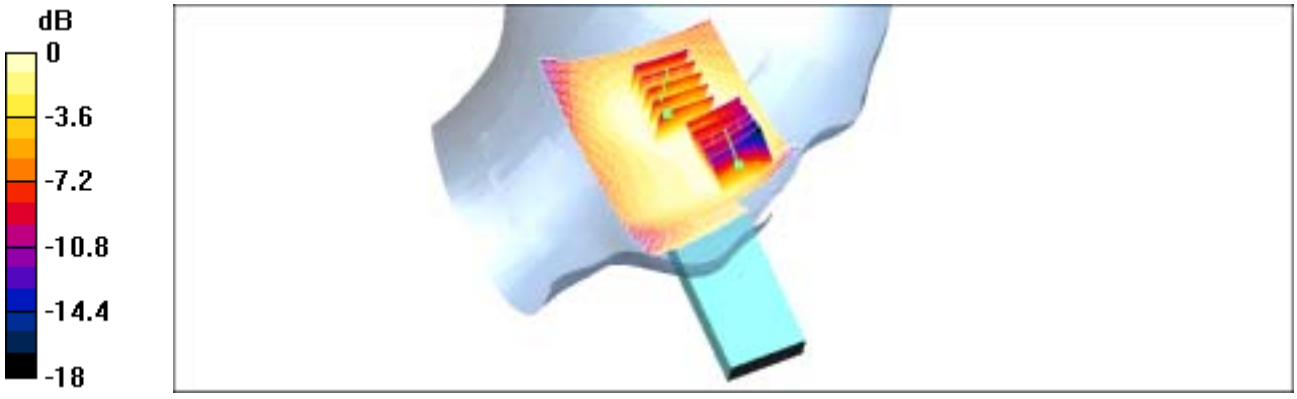
Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.168 mW/g

Ear/Tilt, Ch.0600, Ant.In, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.3 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.215 W/kg
SAR(1 g) = 0.152 mW/g
Maximum value of SAR (measured) = 0.161 mW/g

Ear/Tilt, Ch.0600, Ant.In, Bat.Extended/Zoom Scan (5x5x7)/Cube 1:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.3 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.129 W/kg
SAR(1 g) = 0.091 mW/g
Maximum value of SAR (measured) = 0.095 mW/g



0 dB = 0.095mW/g

SAMSUNG FCC ID : A3LSPHA760 -- 835 MHz AMPS Body SAR

DUT: SPH-A760; Serial: FB-051-D

Program Name: SPH-A760 AMPS Body (Job No.: FB-051)
Procedure Name: Body, Ch.991, Ant.Out, Bat.Extended
Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-03/Sep/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: AMPS; Frequency: 824.04 MHz;Duty Cycle: 1:1

Medium parameters used: f = 824.04 MHz; σ = 0.95 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY4 Configuration:

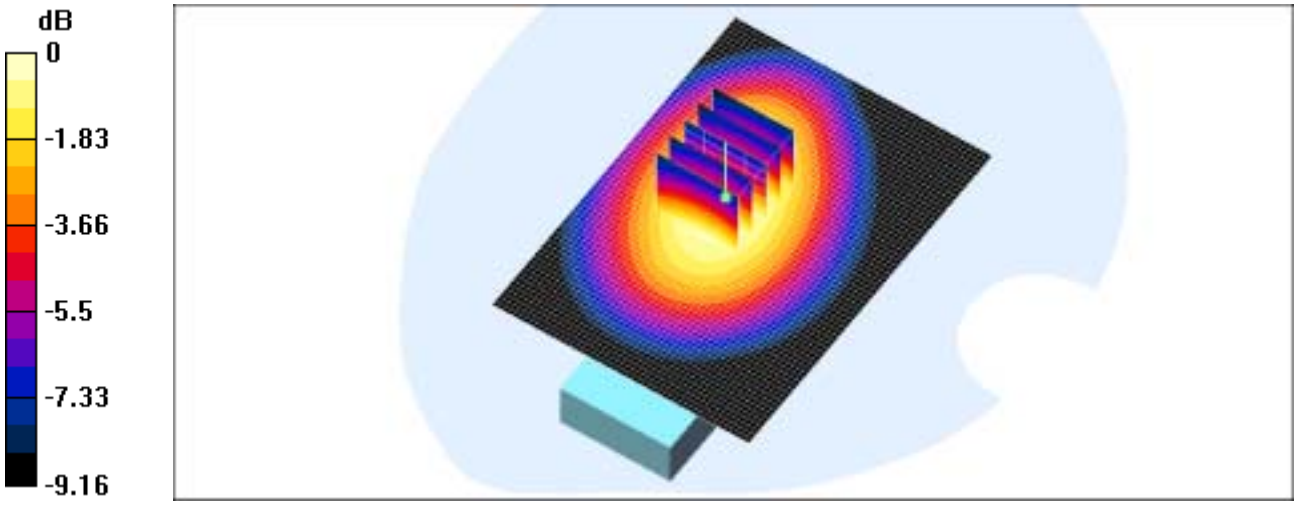
- Probe: ET3DV6 - SN1551; ConvF(6.34, 6.34, 6.34); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Body, Ch.991, Ant.Out, Bat.Extended/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

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

Body, Ch.991, Ant.Out, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 1.09 mW/g
Maximum value of SAR (measured) = 1.15 mW/g



0 dB = 1.15mW/g

SAMSUNG FCC ID : A3LSPHA760 -- 835 MHz CDMA Body SAR

DUT: SPH-A760; Serial: FB-051-D

Program Name: SPH-A760 CDMA Body (Job No.: FB-051)
Procedure Name: Body, Ch.1013, Ant.Out, Bat.Extended
Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-03/Sep/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 824.7 MHz;Duty Cycle: 1:1

Medium parameters used: f = 824.7 MHz; σ = 0.95 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3

Phantom section: Flat Section

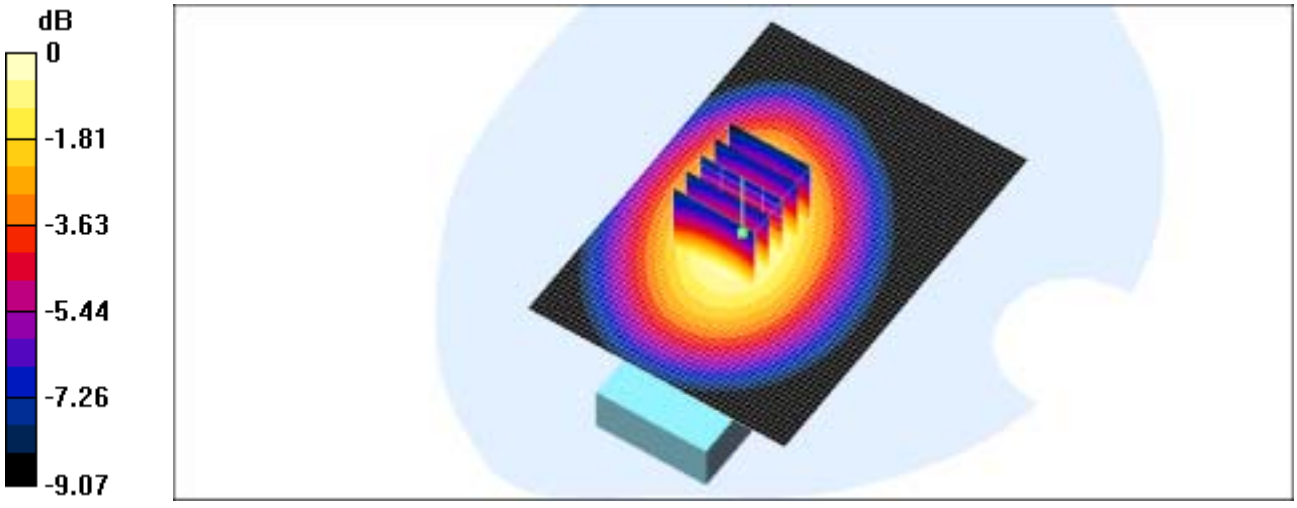
DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.34, 6.34, 6.34); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Body, Ch.1013, Ant.Out, Bat.Extended/Area Scan (51x71x1):
Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.850 mW/g

Body, Ch.1013, Ant.Out, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.4 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.803 mW/g
Maximum value of SAR (measured) = 0.852 mW/g



0 dB = 0.852mW/g

SAMSUNG FCC ID : A3LSPHA760 -- 1900 MHz PCS CDMA Body SAR

DUT: SPH-A760(Body); Serial: FB-051-D

Program Name: SPH-A760 PCS Body (Job No.: FB-051)
Procedure Name: Body, Ch.0025, Ant.Out, Bat.Extended
Procedure Notes: Meas.Tissue Temp(celsius)-21.3;Test Date-07/Sep/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: PCS; Frequency: 1851.25 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1851.25 MHz; σ = 1.55 mho/m; ε_r = 51.3; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY4 Configuration:

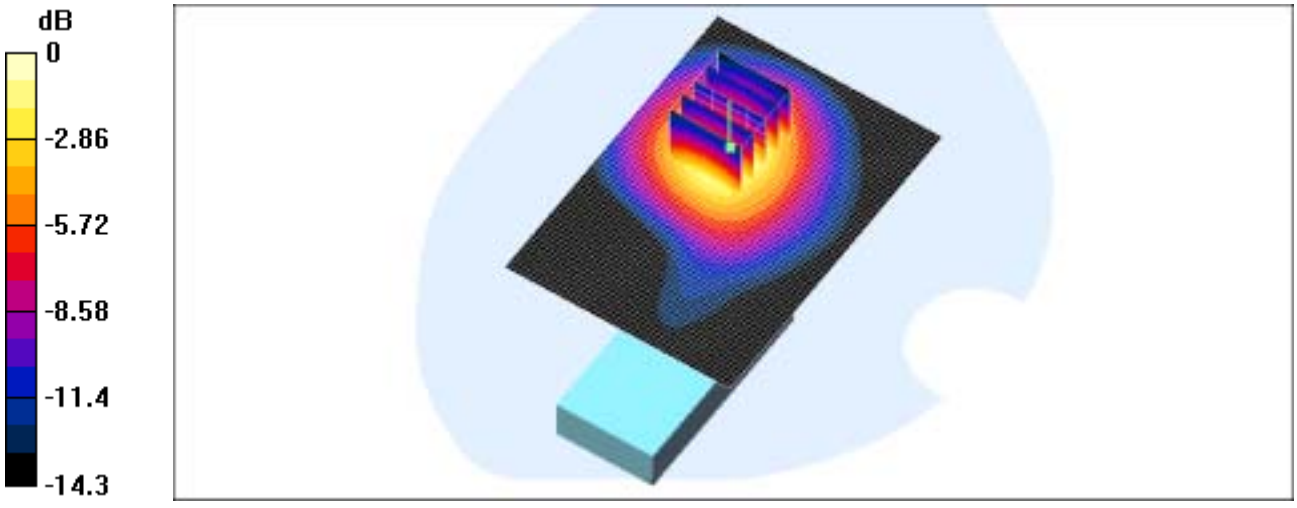
- Probe: ET3DV6 - SN1551; ConvF(4.51, 4.51, 4.51); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Body, Ch.0025, Ant.Out, Bat.Extended/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.09 mW/g

Body, Ch.0025, Ant.Out, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.2 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.947 mW/g
Maximum value of SAR (measured) = 1.04 mW/g



0 dB = 1.04mW/g

SAMSUNG FCC ID : A3LSPHA760 -- 1900 MHz PCS CDMA Face SAR

DUT: SPH-A760(PTT); Serial: FB-051-D

Program Name: SPH-A760 PCS PTT (Job No.: FB-051)
Procedure Name: PTT, Ch.0025, Ant.In, Bat.Extended
Procedure Notes: Meas.Tissue Temp(celsius)-21.3;Test Date-07/Sep/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: PCS; Frequency: 1851.25 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1851.25 MHz; σ = 1.39 mho/m; ε_r = 40; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5, 5, 5); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

PTT, Ch.0025, Ant.In, Bat.Extended/Area Scan (51x71x1):

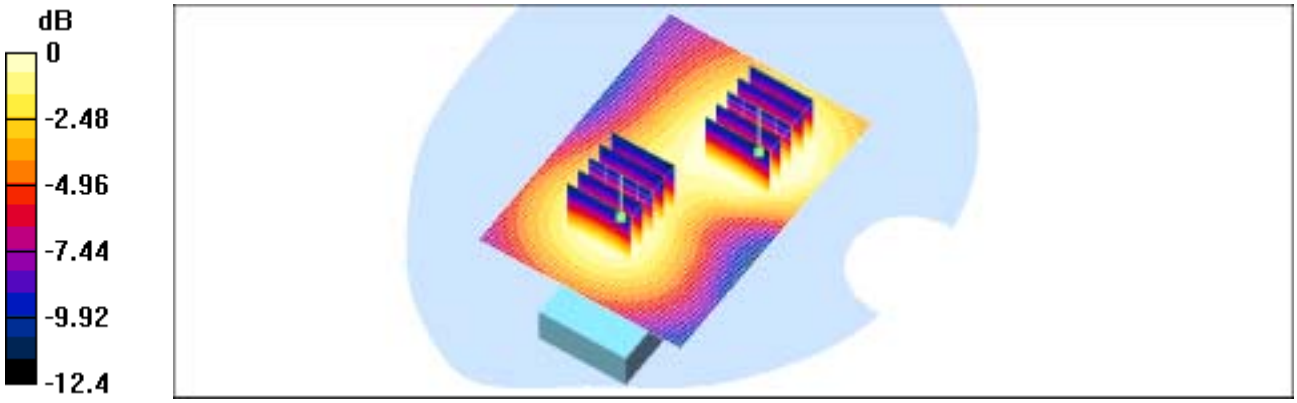
Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.274 mW/g

PTT, Ch.0025, Ant.In, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13 V/m; Power Drift = 0.1 dB
Peak SAR (extrapolated) = 0.347 W/kg
SAR(1 g) = 0.241 mW/g
Maximum value of SAR (measured) = 0.259 mW/g

PTT, Ch.0025, Ant.In, Bat.Extended/Zoom Scan (5x5x7)/Cube 1:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13 V/m; Power Drift = 0.1 dB
Peak SAR (extrapolated) = 0.278 W/kg
SAR(1 g) = 0.200 mW/g
Maximum value of SAR (measured) = 0.214 mW/g



0 dB = 0.214mW/g

SAMSUNG FCC ID : A3LSPHA760 -- 835 MHz AMPS Head SAR

DUT: SPH-A760; Serial: FB-051-D

Program Name: SPH-A760 AMPS Right (Job No.: FB-051)
Procedure Name: Cheek/Touch, Ch.991, Ant.Out, Bat.Extended
Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-03/Sep/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: AMPS; Frequency: 824.04 MHz;Duty Cycle: 1:1

Medium parameters used: f = 824.04 MHz; σ = 0.88 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY4 Configuration:

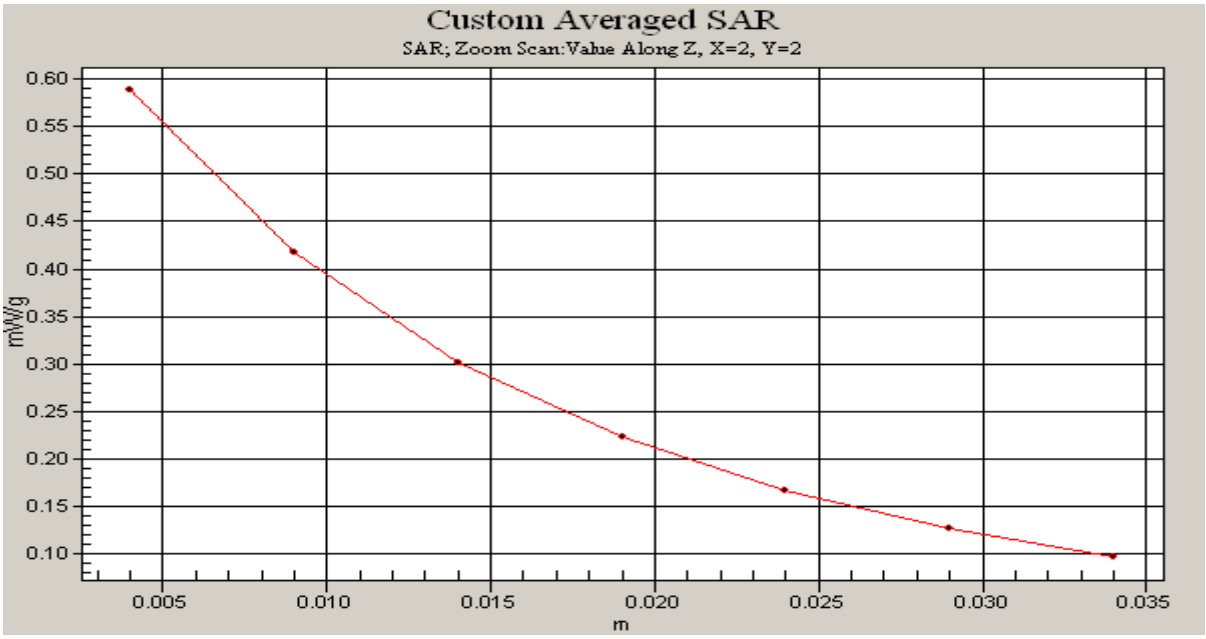
- Probe: ET3DV6 - SN1551; ConvF(6.54, 6.54, 6.54); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Cheek/Touch, Ch.991, Ant.Out, Bat.Extended/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.608 mW/g

Cheek/Touch, Ch.991, Ant.Out, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.61 V/m; Power Drift = 0.1 dB
Peak SAR (extrapolated) = 0.833 W/kg
SAR(1 g) = 0.557 mW/g
Maximum value of SAR (measured) = 0.588 mW/g



SAMSUNG FCC ID : A3LSPHA760 -- 835 MHz CDMA Head SAR

DUT: SPH-A760; Serial: FB-051-D

Program Name: SPH-A760 CDMA Right (Job No.: FB-051)
Procedure Name: Cheek/Touch, Ch.1013, Ant.Out, Bat.Extended
Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-06/Sep/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 824.7 MHz;Duty Cycle: 1:1

Medium parameters used: f = 824.7 MHz; σ = 0.88 mho/m; ε_r = 41.4; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY4 Configuration:

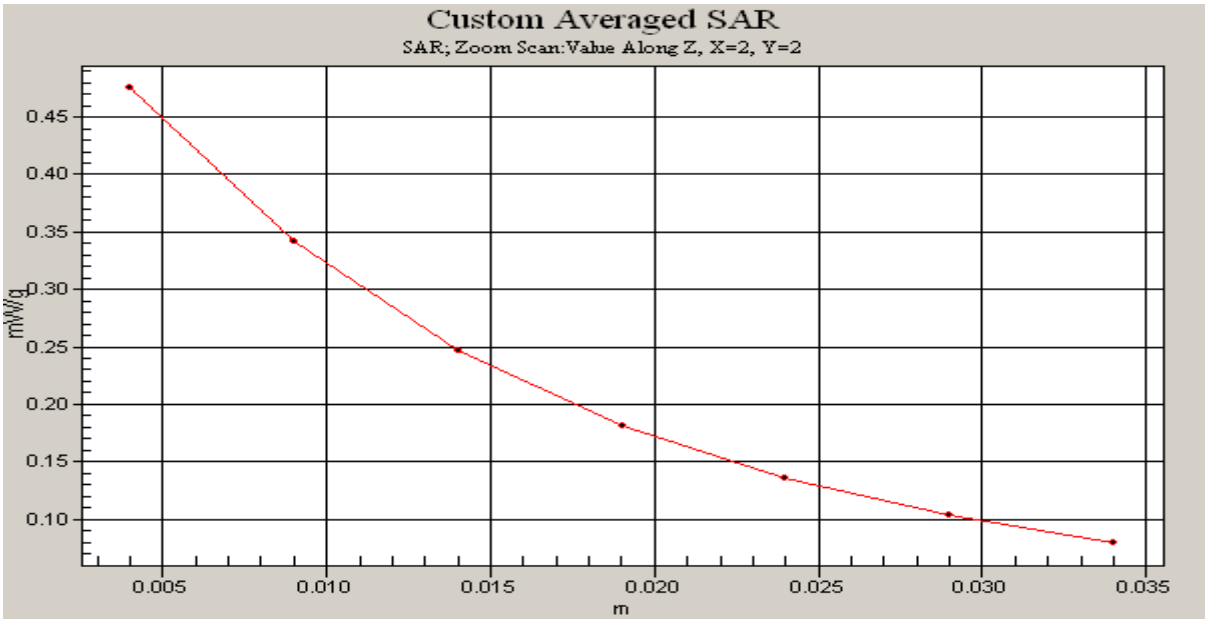
- Probe: ET3DV6 - SN1551; ConvF(6.54, 6.54, 6.54); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Cheek/Touch, Ch.1013, Ant.Out, Bat.Extended/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.497 mW/g

Cheek/Touch, Ch.1013, Ant.Out, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.03 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.676 W/kg
SAR(1 g) = 0.450 mW/g
Maximum value of SAR (measured) = 0.473 mW/g



SAMSUNG FCC ID : A3LSPHA760 -- 1900 MHz PCS CDMA Head SAR

DUT: SPH-A760; Serial: FB-051-D

Program Name: SPH-A760 PCS Right (Job No.: FB-051)
Procedure Name: Cheek/Touch, Ch.0025, Ant.In, Bat.Extended
Procedure Notes: Meas.Tissue Temp(celsius)-21.4;Test Date-07/Sep/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: PCS; Frequency: 1851.25 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1851.25 MHz; σ = 1.39 mho/m; ε_r = 40; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY4 Configuration:

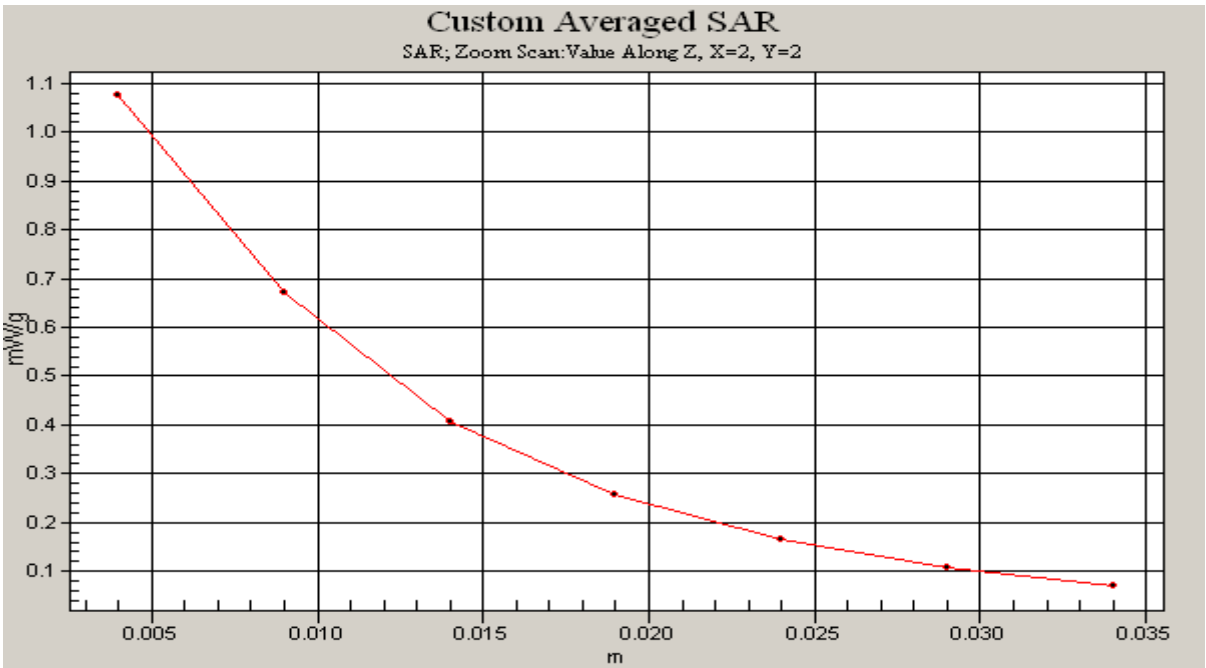
- Probe: ET3DV6 - SN1551; ConvF(5, 5, 5); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Cheek/Touch, Ch.0025, Ant.In, Bat.Extended/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.968 mW/g

Cheek/Touch, Ch.0025, Ant.In, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.09 V/m; Power Drift = 0.1 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.946 mW/g
Maximum value of SAR (measured) = 1.08 mW/g



SAMSUNG FCC ID : A3LSPHA760 -- 835 MHz AMPS Body SAR

DUT: SPH-A760; Serial: FB-051-D

Program Name: SPH-A760 AMPS Body (Job No.: FB-051)
Procedure Name: Body, Ch.991, Ant.Out, Bat.Extended
Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-03/Sep/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: AMPS; Frequency: 824.04 MHz;Duty Cycle: 1:1

Medium parameters used: f = 824.04 MHz; σ = 0.95 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY4 Configuration:

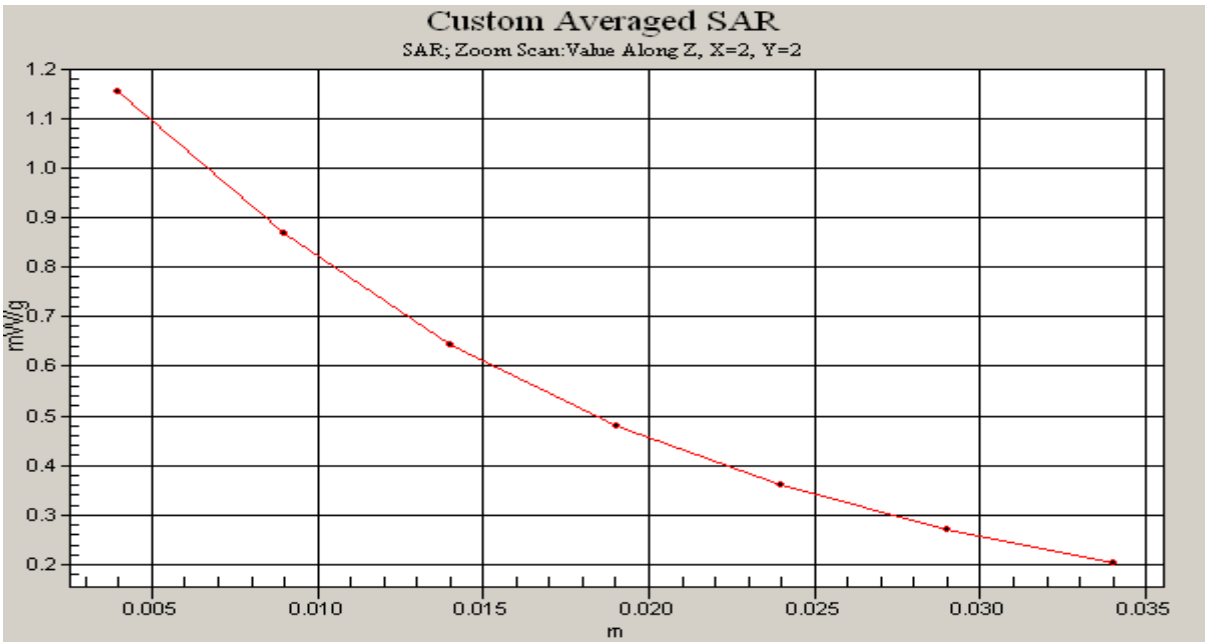
- Probe: ET3DV6 - SN1551; ConvF(6.34, 6.34, 6.34); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Body, Ch.991, Ant.Out, Bat.Extended/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

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

Body, Ch.991, Ant.Out, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 1.09 mW/g
Maximum value of SAR (measured) = 1.15 mW/g



SAMSUNG FCC ID : A3LSPHA760 -- 835 MHz CDMA Body SAR

DUT: SPH-A760; Serial: FB-051-D

Program Name: SPH-A760 CDMA Body (Job No.: FB-051)
Procedure Name: Body, Ch.1013, Ant.Out, Bat.Extended
Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-03/Sep/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 824.7 MHz;Duty Cycle: 1:1

Medium parameters used: f = 824.7 MHz; σ = 0.95 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY4 Configuration:

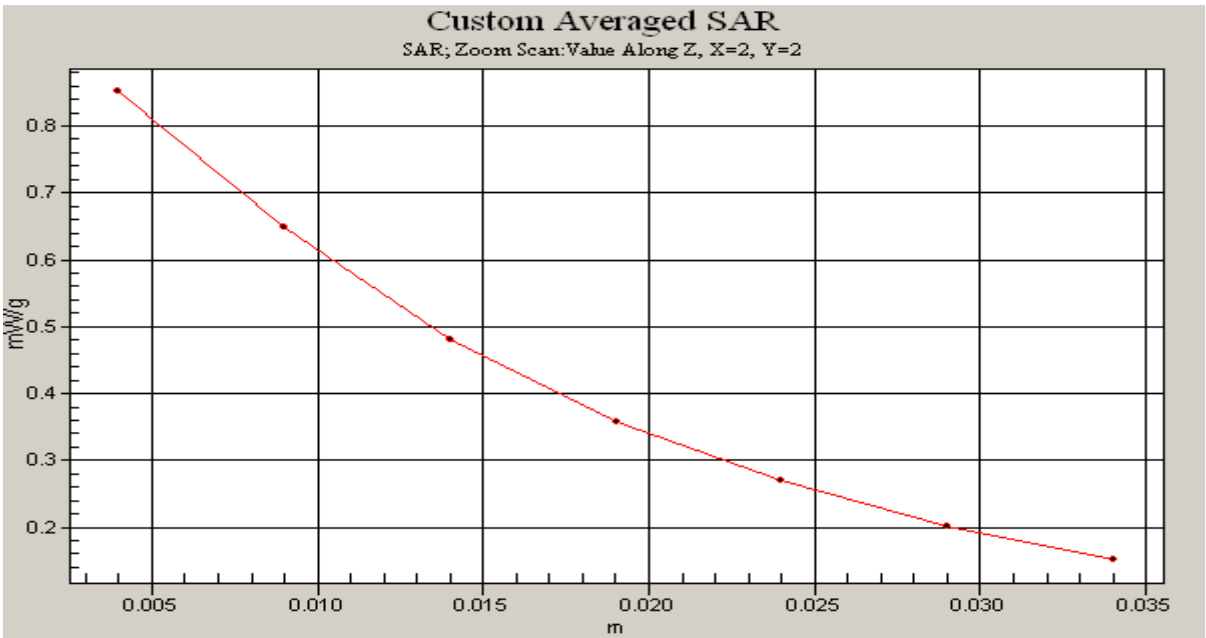
- Probe: ET3DV6 - SN1551; ConvF(6.34, 6.34, 6.34); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Body, Ch.1013, Ant.Out, Bat.Extended/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.850 mW/g

Body, Ch.1013, Ant.Out, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.4 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.803 mW/g
Maximum value of SAR (measured) = 0.852 mW/g



SAMSUNG FCC ID : A3LSPHA760 -- 1900 MHz PCS CDMA Body SAR

DUT: SPH-A760(Body); Serial: FB-051-D

Program Name: SPH-A760 PCS Body (Job No.: FB-051)
Procedure Name: Body, Ch.0025, Ant.Out, Bat.Extended
Procedure Notes: Meas.Tissue Temp(celsius)-21.3;Test Date-07/Sep/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: PCS; Frequency: 1851.25 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1851.25 MHz; σ = 1.55 mho/m; ε_r = 51.3; ρ = 1000 kg/m^3

Phantom section: Flat Section

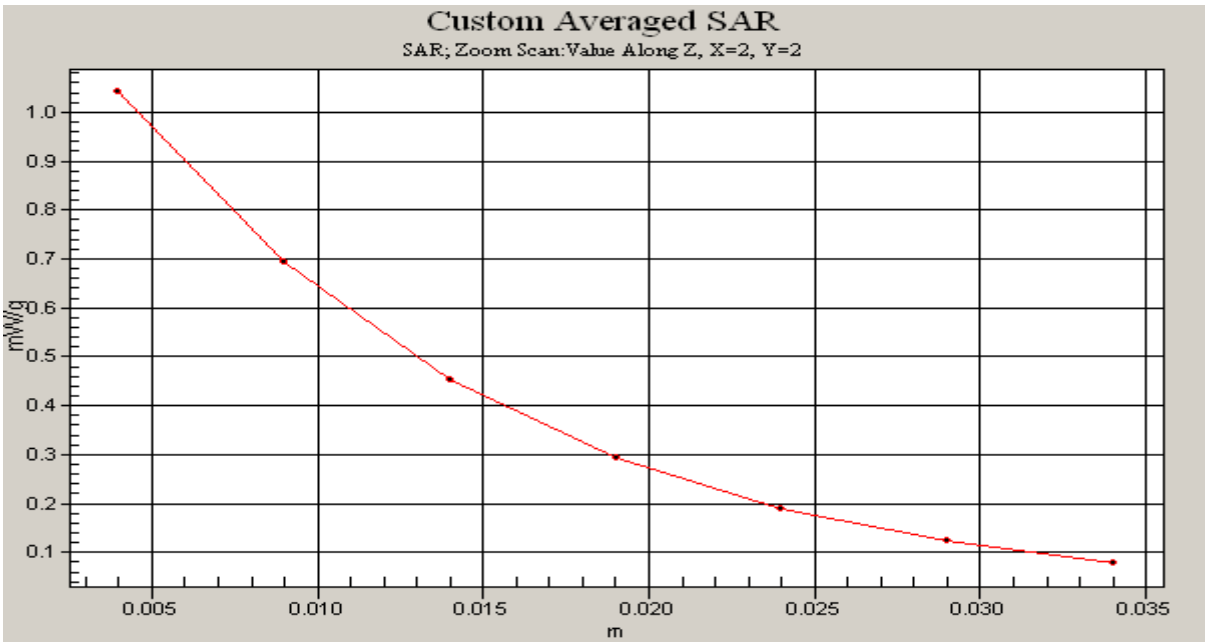
DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(4.51, 4.51, 4.51); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Body, Ch.0025, Ant.Out, Bat.Extended/Area Scan (51x71x1):
Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.09 mW/g

Body, Ch.0025, Ant.Out, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.2 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.947 mW/g
Maximum value of SAR (measured) = 1.04 mW/g



SAMSUNG FCC ID : A3LSPHA760 -- 1900 MHz PCS CDMA Face SAR

DUT: SPH-A760(PTT); Serial: FB-051-D

Program Name: SPH-A760 PCS PTT (Job No.: FB-051)
Procedure Name: PTT, Ch.0025, Ant.In, Bat.Extended
Procedure Notes: Meas.Tissue Temp(celsius)-21.3;Test Date-07/Sep/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: PCS; Frequency: 1851.25 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1851.25 MHz; σ = 1.39 mho/m; ε_r = 40; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5, 5, 5); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

PTT, Ch.0025, Ant.In, Bat.Extended/Area Scan (51x71x1):
Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.274 mW/g

PTT, Ch.0025, Ant.In, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13 V/m; Power Drift = 0.1 dB
Peak SAR (extrapolated) = 0.347 W/kg
SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.157 mW/g
Maximum value of SAR (measured) = 0.259 mW/g

PTT, Ch.0025, Ant.In, Bat.Extended/Zoom Scan (5x5x7)/Cube 1:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13 V/m; Power Drift = 0.1 dB
Peak SAR (extrapolated) = 0.278 W/kg
SAR(1 g) = 0.200 mW/g
Maximum value of SAR (measured) = 0.214 mW/g