

SAMSUNG FCC ID : A3LSCHU420 835MHz AMPS Head SAR

DUT: SCH-U420(Down); Serial: FD-072-G

Program Name: SCH-U420 AMPS Right, Slide Down (Job No. : FD-072)

Procedure Name: Cheek/Touch, Ch.0991, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.2; Tissue Temp(celsius)-21.9; Test Date-19/May/2006 [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; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(5.73, 5.73, 5.73); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.0991, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.9 V/m; Power Drift = -0.044 dB

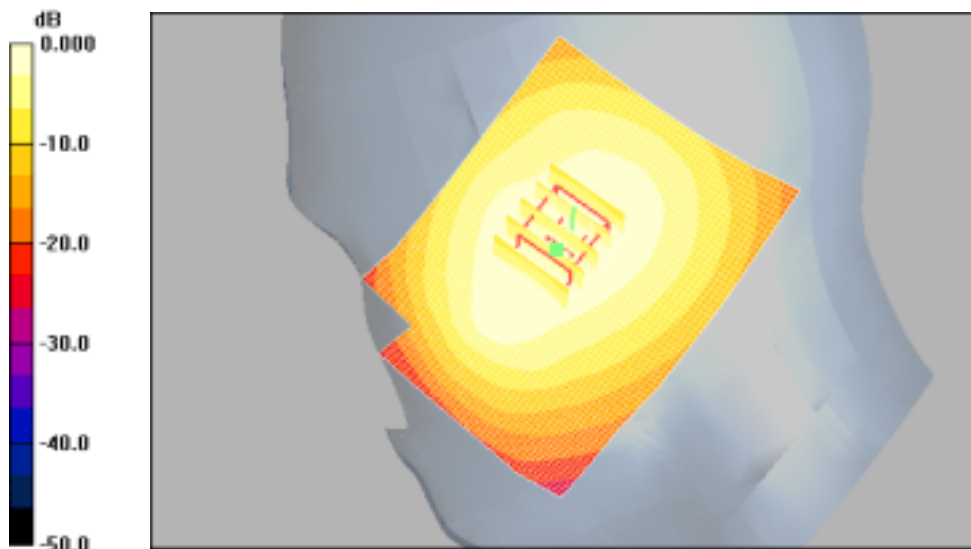
Peak SAR (extrapolated) = 0.667 W/kg

SAR(1 g) = 0.518 mW/g;

Maximum value of SAR (measured) = 0.547 mW/g

Cheek/Touch, Ch.0991, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

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



SAMSUNG FCC ID : A3LSCHU420 835MHz AMPS Head SAR

DUT: SCH-U420(Down); Serial: FD-072-G

Program Name: SCH-U420 AMPS Right, Slide Down (Job No. : FD-072)

Procedure Name: Ear/Tilt, Ch.0383, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.2; Tissue Temp(celsius)-21.9; Test Date-19/May/2006[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; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(5.73, 5.73, 5.73); Calibrated: 2005-11-22

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

- Electronics: DAE3 Sn486; Calibrated: 2005-08-30

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

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.0383, Intenna, Bat. Standard/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.378 mW/g

Ear/Tilt, Ch.0383, Intenna, Bat. Standard/Zoom Scan

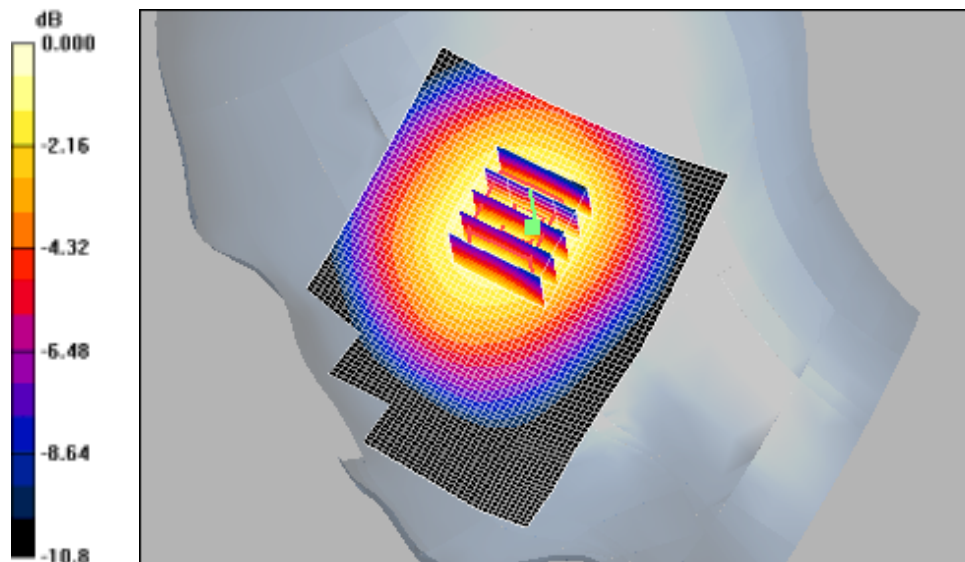
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.4 V/m; Power Drift = -0.063 dB

Peak SAR (extrapolated) = 0.454 W/kg

SAR(1 g) = 0.342 mW/g

Maximum value of SAR (measured) = 0.361 mW/g



0 dB = 0.361mW/g

SAMSUNG FCC ID : A3LSCHU420 835MHz AMPS Head SAR

DUT: SCH-U420(UP); Serial: FD-072-G

Program Name: SCH-U420 AMPS Right, Slide Up (Job No. : FD-072)

Procedure Name: Cheek/Touch, Ch.0991, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.2; Tissue Temp(celsius)-21.9; Test Date-19/May/2006[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; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(5.73, 5.73, 5.73); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.0991, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = -0.159 dB

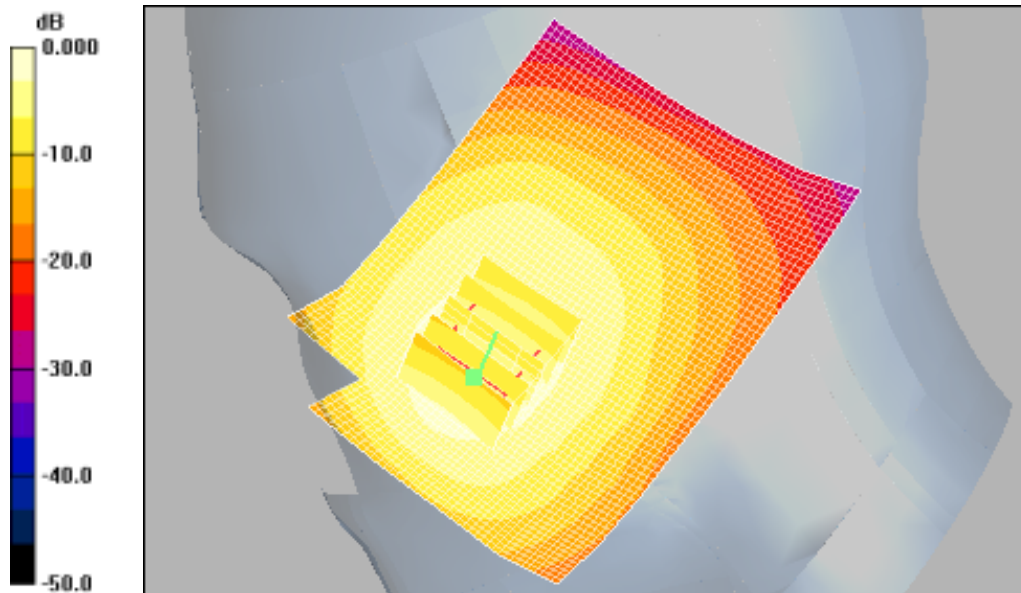
Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.809 mW/g

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

Cheek/Touch, Ch.0991, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.877 mW/g



0 dB = 0.877mW/g

SAMSUNG FCC ID : A3LSCHU420 835MHz AMPS Head SAR

DUT: SCH-U420(UP); Serial: FD-072-G

Program Name: SCH-U420 AMPS Right, Slide Up (Job No. : FD-072)

Procedure Name: Ear/Tilt, Ch.0383, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.2; Tissue Temp(celsius)-21.9; Test Date-19/May/2006[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; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(5.73, 5.73, 5.73); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.0383, Intenna, Bat. Standard/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm

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

Ear/Tilt, Ch.0383, Intenna, Bat. Standard/Zoom Scan

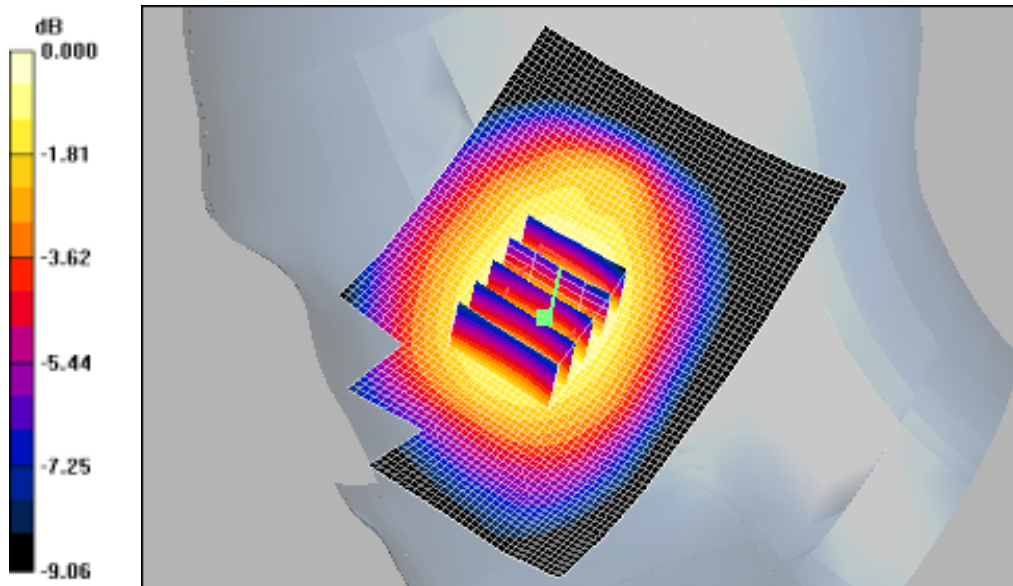
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 0.303 W/kg

SAR(1 g) = 0.236 mW/g

Maximum value of SAR (measured) = 0.246 mW/g



0 dB = 0.246mW/g

SAMSUNG FCC ID : A3LSCHU420 835MHz AMPS Head SAR

DUT: SCH-U420(Down); Serial: FD-072-G

Program Name: SCH-U420 AMPS Left, Slide Down (Job No. : FD-072)

Procedure Name: Cheek/Touch, Ch.0991, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.2; Tissue Temp(celsius)-21.9; Test Date-19/May/2006[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; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(5.73, 5.73, 5.73); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.0991, Intenna, Bat. Standard/Area Scan

(51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.510 mW/g

Cheek/Touch, Ch.0991, Intenna, Bat. Standard/Zoom Scan

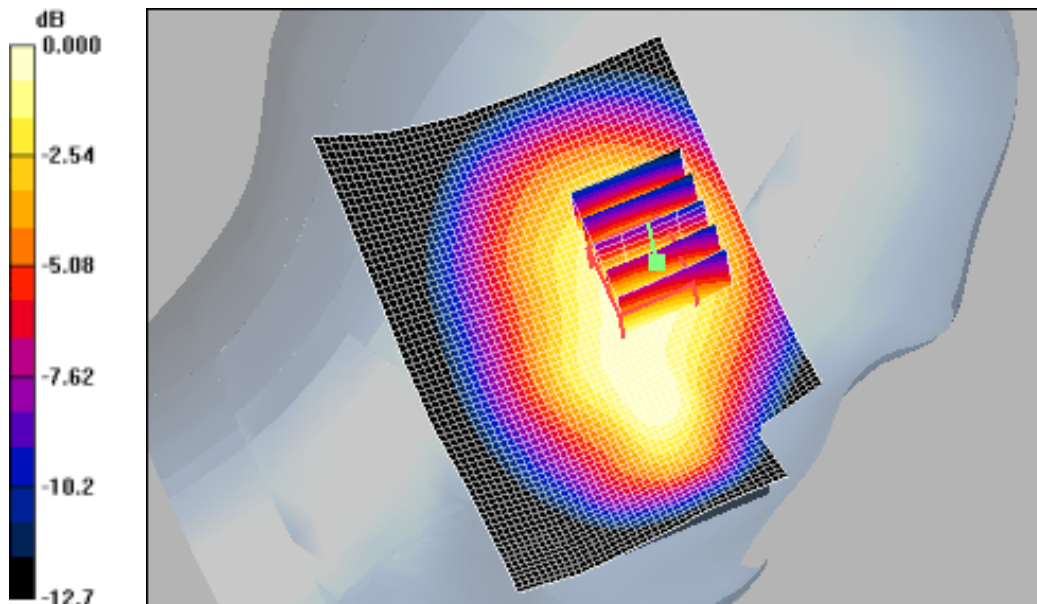
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.6 V/m; Power Drift = -0.124 dB

Peak SAR (extrapolated) = 0.677 W/kg

SAR(1 g) = 0.452 mW/g

Maximum value of SAR (measured) = 0.484 mW/g



0 dB = 0.484mW/g

SAMSUNG FCC ID : A3LSCHU420 835MHz AMPS Head SAR

DUT: SCH-U420(Down); Serial: FD-072-G

Program Name: SCH-U420 AMPS Left, Slide Down (Job No. : FD-072)

Procedure Name: Ear/Tilt, Ch.0383, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.2; Tissue Temp(celsius)-21.9; Test Date-19/May/2006[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; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(5.73, 5.73, 5.73); Calibrated: 2005-11-22

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

- Electronics: DAE3 Sn486; Calibrated: 2005-08-30

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

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.0383, Intenna, Bat. Standard/Area Scan (51x71x1):

Measurement grid: $dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 0.364 mW/g

Ear/Tilt, Ch.0383, Intenna, Bat. Standard/Zoom Scan

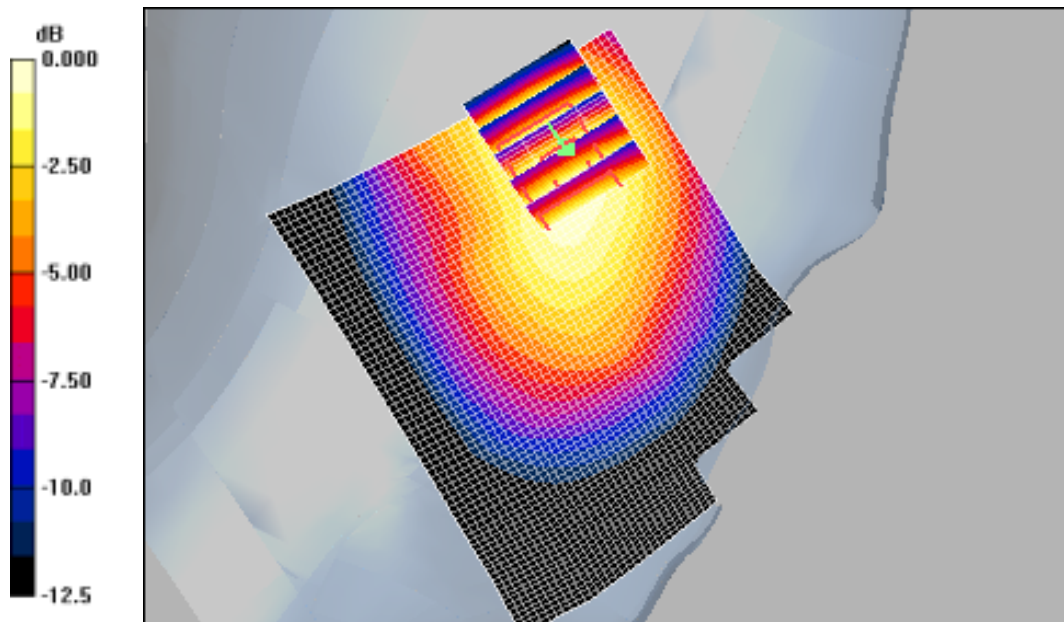
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.4 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 0.493 W/kg

SAR(1 g) = 0.341 mW/g

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



0 dB = 0.362mW/g

SAMSUNG FCC ID : A3LSCHU420 835MHz AMPS Head SAR

DUT: SCH-U420(UP); Serial: FD-072-G

Program Name: SCH-U420 AMPS Left, Slide Up(Job No. : FD-072)

Procedure Name: Cheek/Touch, Ch.0799, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.2; Tissue Temp(celsius)-21.9; Test Date-19/May/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: AMPS; Frequency: 848.97 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 848.97$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(5.73, 5.73, 5.73); Calibrated: 2005-11-22

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

- Electronics: DAE3 Sn486; Calibrated: 2005-08-30

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

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.0799, Intenna, Bat. Standard/Area Scan

(51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.03 mW/g

Cheek/Touch, Ch.0799, Intenna, Bat. Standard/Zoom Scan

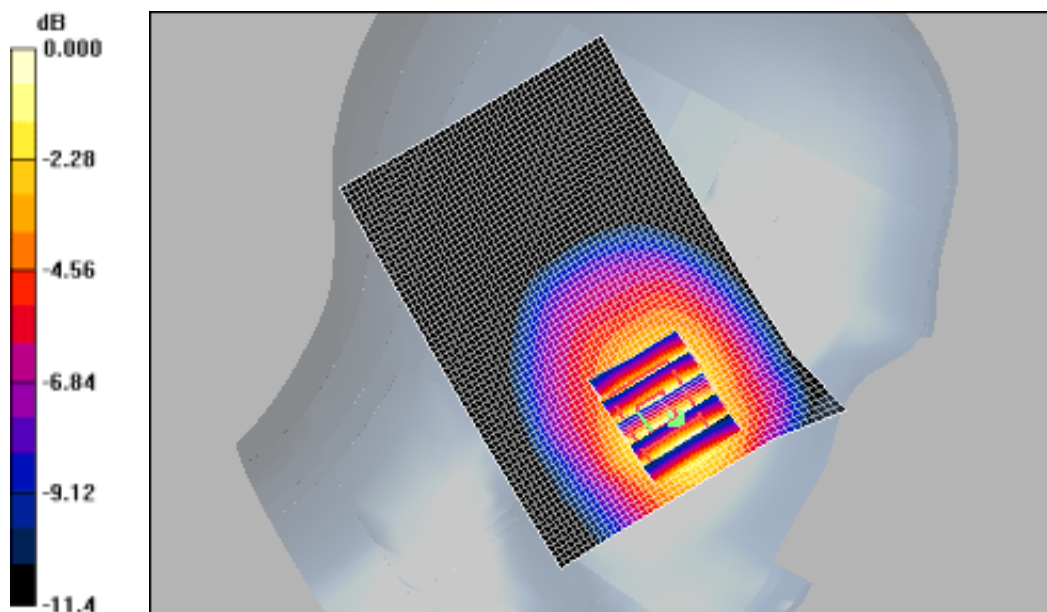
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.22 V/m; Power Drift = -0.188 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.895 mW/g

Maximum value of SAR (measured) = 0.967 mW/g



0 dB = 0.884mW/g

SAMSUNG FCC ID : A3LSCHU420 835MHz AMPS Head SAR

DUT: SCH-U420(UP); Serial: FD-072-G

Program Name: SCH-U420 AMPS Left, Slide Up(Job No. : FD-072)

Procedure Name: Ear/Tilt, Ch.0383, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.2; Tissue Temp(celsius)-21.9; Test Date-19/May/2006[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; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(5.73, 5.73, 5.73); Calibrated: 2005-11-22

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

- Electronics: DAE3 Sn486; Calibrated: 2005-08-30

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

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.0383, Intenna, Bat. Standard/Area Scan (51x71x1):

Measurement grid: $dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 0.291 mW/g

Ear/Tilt, Ch.0383, Intenna, Bat. Standard/Zoom Scan

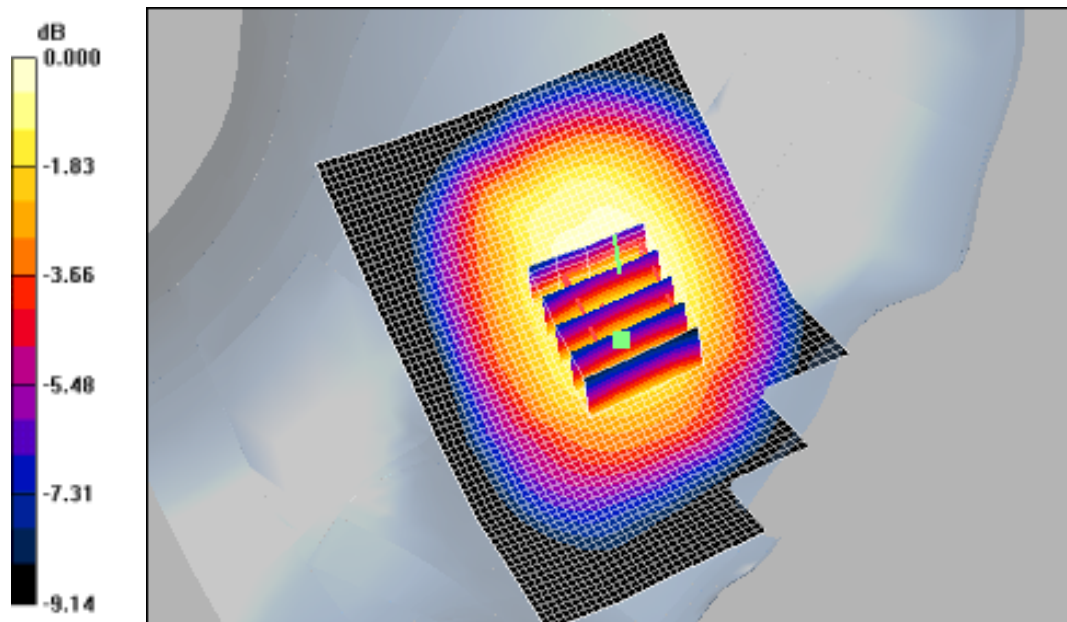
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.9 V/m; Power Drift = -0.083 dB

Peak SAR (extrapolated) = 0.346 W/kg

SAR(1 g) = 0.270 mW/g

Maximum value of SAR (measured) = 0.280 mW/g



0 dB = 0.280mW/g

SAMSUNG FCC ID : A3LSCHU420 835MHz AMPS Body SAR

DUT: SCH-U420(Down); Serial: FD-072-G

Program Name: SCH-U420 AMPS Body (Job No. : FD-072)

Procedure Name: Body, Ch. 0991, Ant. Intenna, Bat. Standard

Procedure Notes: Meas.Ambient temp(celsius)-22.3;Tissue Temp(celsius)-22.0;Test Date-19/May/2006[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; $\sigma = 0.98$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(5.91, 5.91, 5.91); Calibrated: 2005-11-22

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

- Electronics: DAE3 Sn486; Calibrated: 2005-08-30

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

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch. 0991, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.6 V/m; Power Drift = -0.094 dB

Peak SAR (extrapolated) = 1.38 W/kg

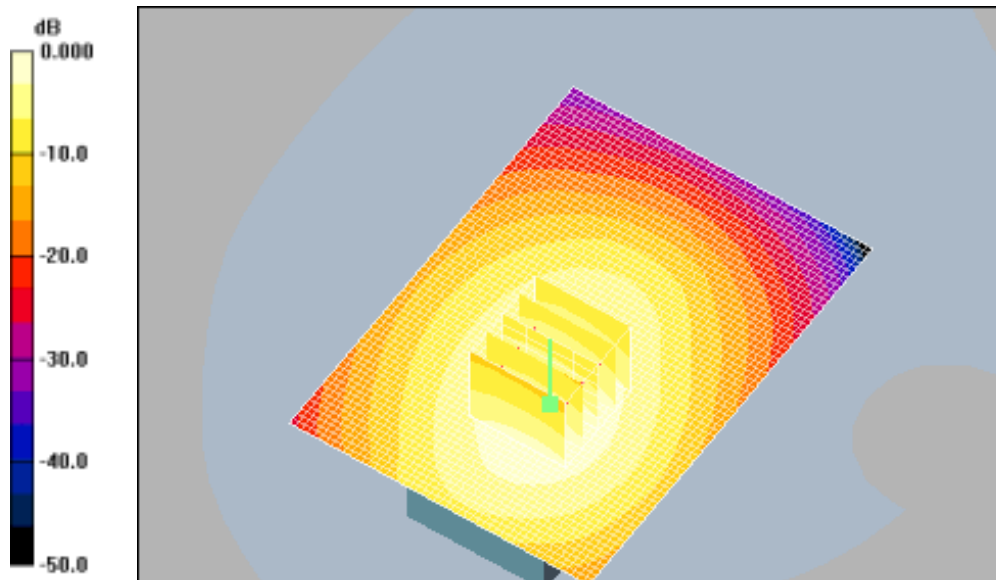
SAR(1 g) = 0.984 mW/g

Maximum value of SAR (measured) = 1.05 mW/g

Body, Ch. 0991, Ant. Intenna, Bat. Standard/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm

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



0 dB = 1.11mW/g

SAMSUNG FCC ID : A3LSCHU420 835MHz AMPS Head SAR

DUT: SCH-U420(UP); Serial: FD-072-G

Program Name: SCH-U420 AMPS Left, Slide Up(Job No. : FD-072)

Procedure Name: Cheek/Touch, Ch.0799, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.2; Tissue Temp(celsius)-21.9; Test Date-19/May/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: AMPS; Frequency: 848.97 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 848.97$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(5.73, 5.73, 5.73); Calibrated: 2005-11-22

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

- Electronics: DAE3 Sn486; Calibrated: 2005-08-30

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

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.0799, Intenna, Bat. Standard/Area Scan

(51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.03 mW/g

Cheek/Touch, Ch.0799, Intenna, Bat. Standard/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.22 V/m; Power Drift = -0.188 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.895 mW/g

Maximum value of SAR (measured) = 0.967 mW/g



SAMSUNG FCC ID : A3LSCHU420 835MHz AMPS Body SAR

DUT: SCH-U420(Down); Serial: FD-072-G

Program Name: SCH-U420 AMPS Body (Job No. : FD-072)

Procedure Name: Body, Ch. 0991, Ant. Intenna, Bat. Standard

Procedure Notes: Meas.Ambient temp(celsius)-22.3;Tissue Temp(celsius)-22.0;Test Date-19/May/2006[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; $\sigma = 0.98$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(5.91, 5.91, 5.91); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch. 0991, Ant. Intenna, Bat. Standard/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm

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

Body, Ch. 0991, Ant. Intenna, Bat. Standard/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.6 V/m; Power Drift = -0.094 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.984 mW/g

Maximum value of SAR (measured) = 1.05 mW/g



SAMSUNG FCC ID : A3LSCHU420 835MHz CDMA Head SAR

DUT: SCH-U420(Down); Serial: FD-072-G

Program Name: SCH-U420 CDMA Right Slide Down (Job No. : FD-072)

Procedure Name: Cheek/Touch, Ch.1013, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.8; Test Date-19/May/2006[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; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(5.73, 5.73, 5.73); Calibrated: 2005-11-22

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

- Electronics: DAE3 Sn486; Calibrated: 2005-08-30

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

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.1013, Intenna, Bat. Standard/Area Scan

(51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.525 mW/g

Cheek/Touch, Ch.1013, Intenna, Bat. Standard/Zoom Scan 2 2

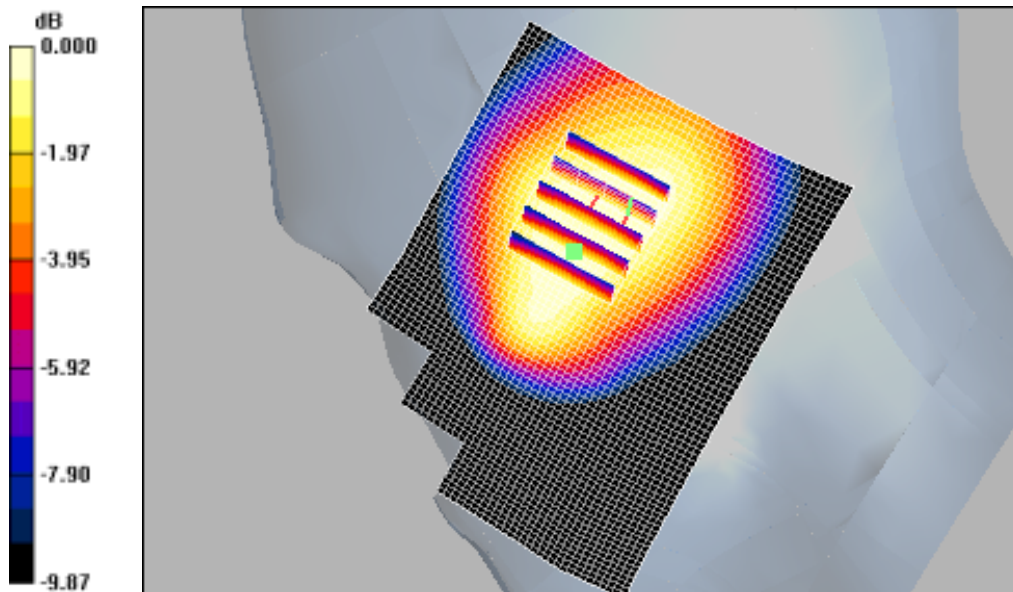
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.9 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.591 W/kg

SAR(1 g) = 0.463 mW/g

Maximum value of SAR (measured) = 0.483 mW/g



0 dB = 0.483mW/g

SAMSUNG FCC ID : A3LSCHU420 835MHz CDMA Head SAR

DUT: SCH-U420(Down); Serial: FD-072-G

Program Name: SCH-U420 CDMA Right Slide Down (Job No. : FD-072)

Procedure Name: Ear/Tilt, Ch.0384, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.8; Test Date-19/May/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.52$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(5.73, 5.73, 5.73); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Area Scan (51x71x1):

Measurement grid: $dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 0.286 mW/g

Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Zoom Scan

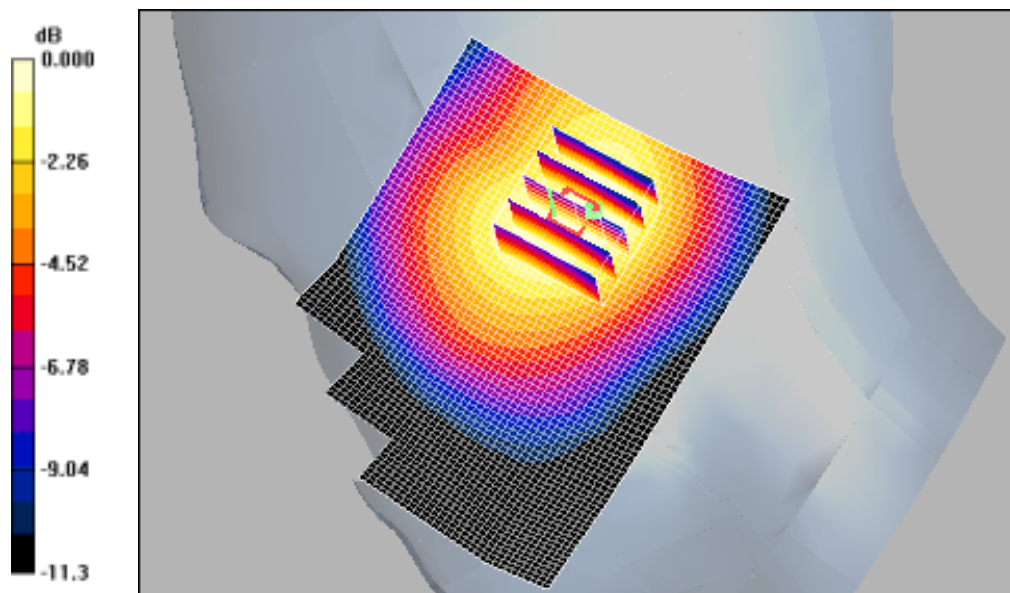
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.7 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.362 W/kg

SAR(1 g) = 0.272 mW/g

Maximum value of SAR (measured) = 0.285 mW/g



0 dB = 0.285mW/g

SAMSUNG FCC ID : A3LSCHU420 835MHz CDMA Head SAR

DUT: SCH-U420(UP); Serial: FD-072-G

Program Name: SCH-U420 CDMA Right Slide Up (Job No. : FD-072)

Procedure Name: Cheek/Touch, Ch.0777, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.8; Test Date-19/May/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(5.73, 5.73, 5.73); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.0777, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.43 V/m; Power Drift = -0.017 dB

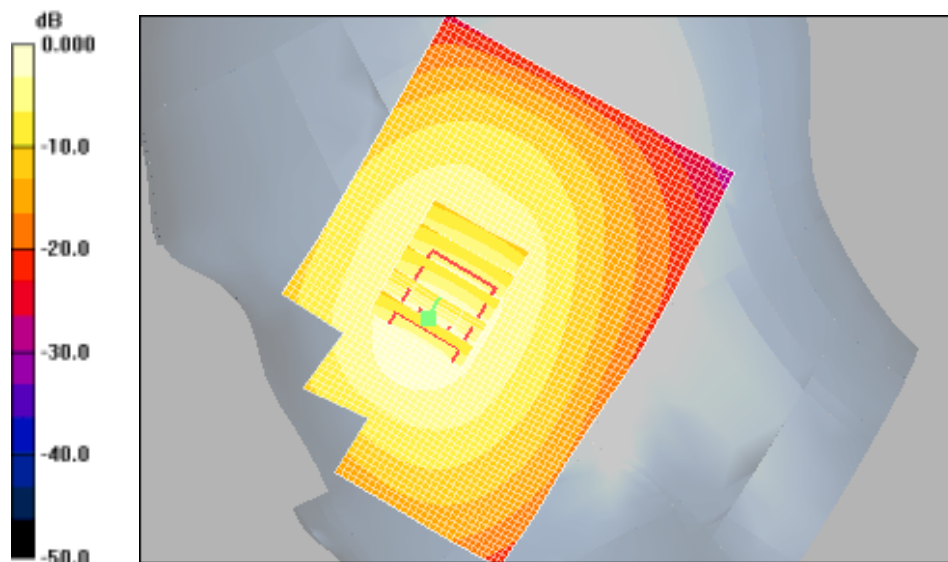
Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.785 mW/g

Maximum value of SAR (measured) = 0.854 mW/g

Cheek/Touch, Ch.0777, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

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



0 dB = 0.863mW/g

SAMSUNG FCC ID : A3LSCHU420 835MHz CDMA Head SAR

DUT: SCH-U420(UP); Serial: FD-072-G

Program Name: SCH-U420 CDMA Right Slide Up (Job No. : FD-072)

Procedure Name: Ear/Tilt, Ch.0384, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.8; Test Date-19/May/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.52$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(5.73, 5.73, 5.73); Calibrated: 2005-11-22

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

- Electronics: DAE3 Sn486; Calibrated: 2005-08-30

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

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Area Scan (51x71x1):

Measurement grid: $dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 0.207 mW/g

Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Zoom Scan

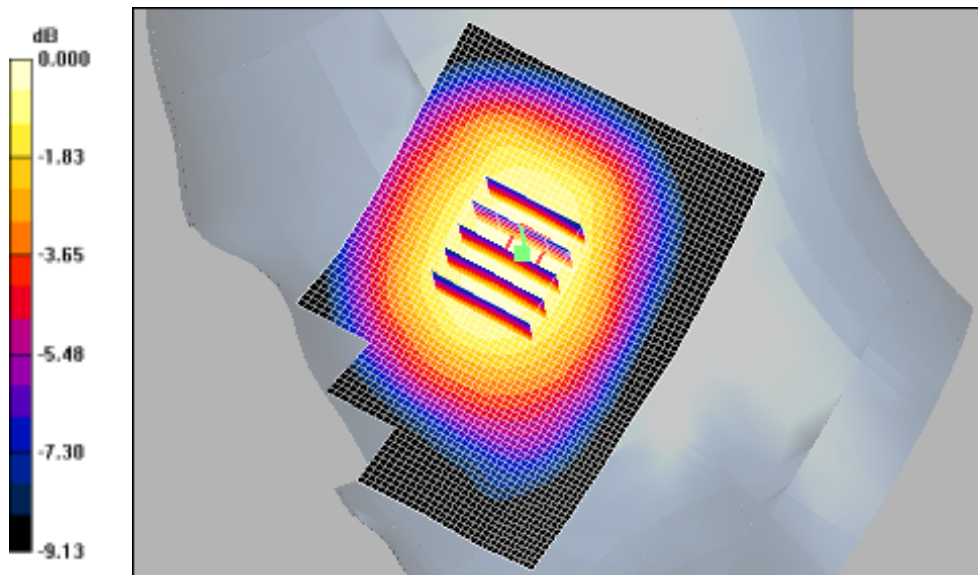
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.3 V/m; Power Drift = -0.161 dB

Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.197 mW/g

Maximum value of SAR (measured) = 0.209 mW/g



0 dB = 0.209mW/g

SAMSUNG FCC ID : A3LSCHU420 835MHz CDMA Head SAR

DUT: SCH-U420(Down); Serial: FD-072-G

Program Name: SCH-U420 CDMA Left Slide Down (Job No. : FD-072)

Procedure Name: Cheek/Touch, Ch.1013, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.8; Test Date-19/May/2006[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; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(5.73, 5.73, 5.73); Calibrated: 2005-11-22

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

- Electronics: DAE3 Sn486; Calibrated: 2005-08-30

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

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.1013, Intenna, Bat. Standard/Area Scan

(51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.495 mW/g

Cheek/Touch, Ch.1013, Intenna, Bat. Standard/Zoom Scan

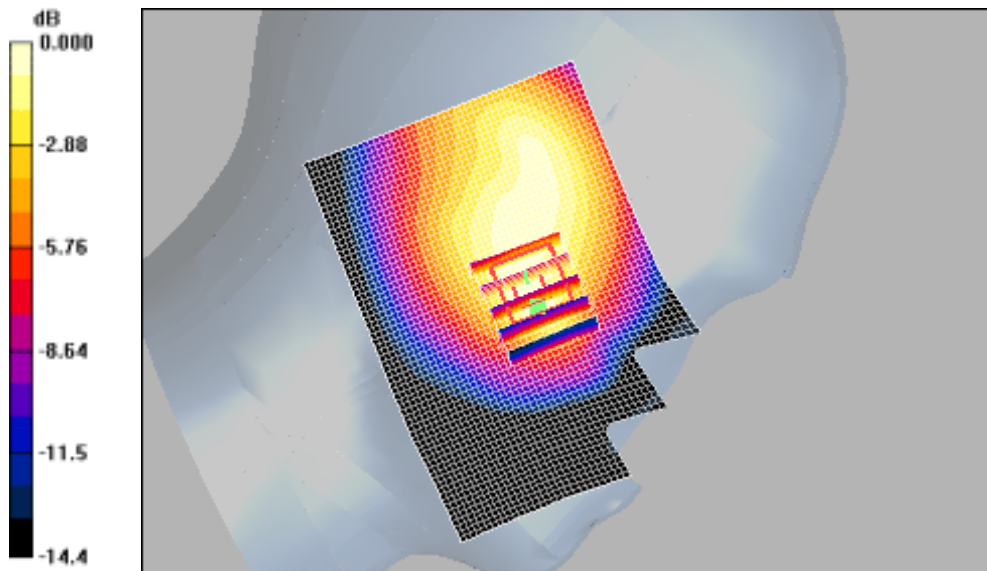
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.9 V/m; Power Drift = 0.101 dB

Peak SAR (extrapolated) = 0.659 W/kg

SAR(1 g) = 0.423 mW/g

Maximum value of SAR (measured) = 0.456 mW/g



0 dB = 0.456mW/g

SAMSUNG FCC ID : A3LSCHU420 835MHz CDMA Head SAR

DUT: SCH-U420(Down); Serial: FD-072-G

Program Name: SCH-U420 CDMA Left Slide Down (Job No. : FD-072)

Procedure Name: Ear/Tilt, Ch.0384, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.8; Test Date-19/May/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.52$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(5.73, 5.73, 5.73); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Area Scan (51x71x1):

Measurement grid: $dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 0.302 mW/g

Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Zoom Scan

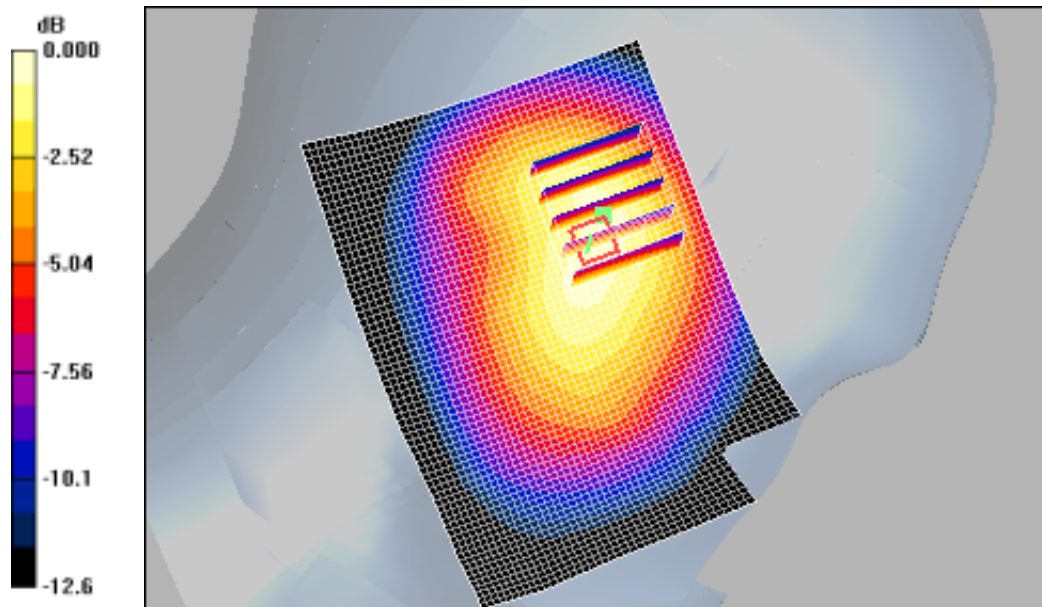
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.1 V/m; Power Drift = 0.138 dB

Peak SAR (extrapolated) = 0.440 W/kg

SAR(1 g) = 0.311 mW/g

Maximum value of SAR (measured) = 0.330 mW/g



0 dB = 0.330mW/g

SAMSUNG FCC ID : A3LSCHU420 835MHz CDMA Head SAR

DUT: SCH-U420(UP); Serial: FD-072-G

Program Name: SCH-U420 CDMA Left Slide Up (Job No. : FD-072)

Procedure Name: Cheek/Touch, Ch.0777, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.8; Test Date-19/May/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(5.73, 5.73, 5.73); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.0777, Intenna, Bat. Standard/Area Scan

(51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.935 mW/g

Cheek/Touch, Ch.0777, Intenna, Bat. Standard/Zoom Scan

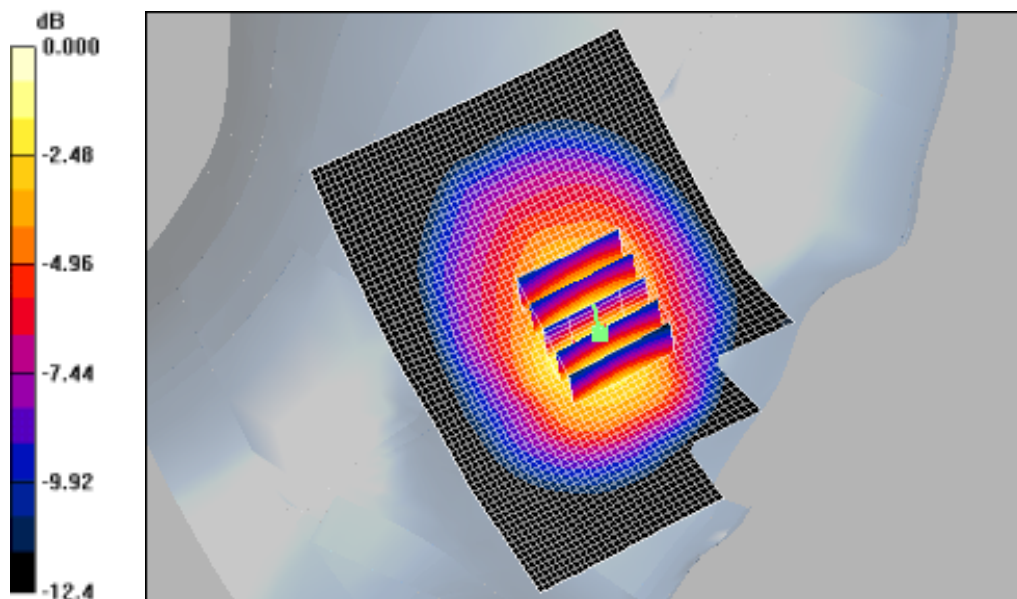
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.91 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.834 mW/g

Maximum value of SAR (measured) = 0.883 mW/g



0 dB = 0.883mW/g

SAMSUNG FCC ID : A3LSCHU420 835MHz CDMA Head SAR

DUT: SCH-U420(UP); Serial: FD-072-G

Program Name: SCH-U420 CDMA Left Slide Up (Job No. : FD-072)

Procedure Name: Ear/Tilt, Ch.0384, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.8; Test Date-19/May/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.52$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(5.73, 5.73, 5.73); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Area Scan (51x71x1):

Measurement grid: $dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 0.229 mW/g

Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Zoom Scan

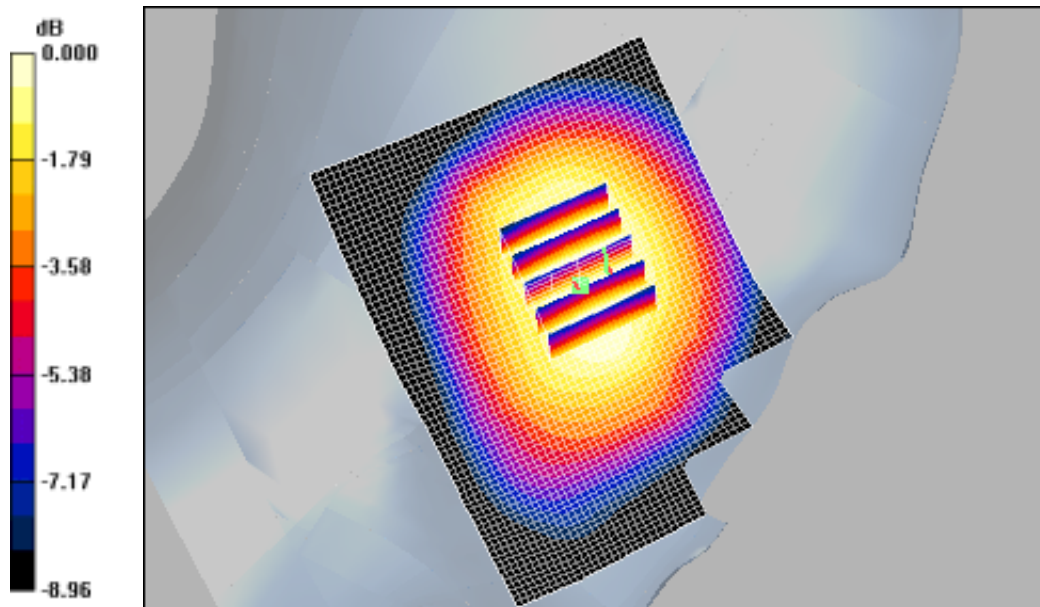
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.6 V/m; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 0.272 W/kg

SAR(1 g) = 0.212 mW/g

Maximum value of SAR (measured) = 0.221 mW/g



0 dB = 0.221mW/g

SAMSUNG FCC ID : A3LSCHU420 835MHz CDMA Body SAR

DUT: SCH-U420(Down); Serial: FD-072-G

Program Name: SCH-U420 CDMA Body (Job No. : FD-072)

Procedure Name: Body, Ch. 0384, Ant. Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.4; Tissue Temp(celsius)-22.0; Test Date-19/May/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.52$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(5.91, 5.91, 5.91); Calibrated: 2005-11-22

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

- Electronics: DAE3 Sn486; Calibrated: 2005-08-30

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

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch. 0384, Ant. Intenna, Bat. Standard/Area Scan (51x71x1):

Measurement grid: $dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 0.919 mW/g

Body, Ch. 0384, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

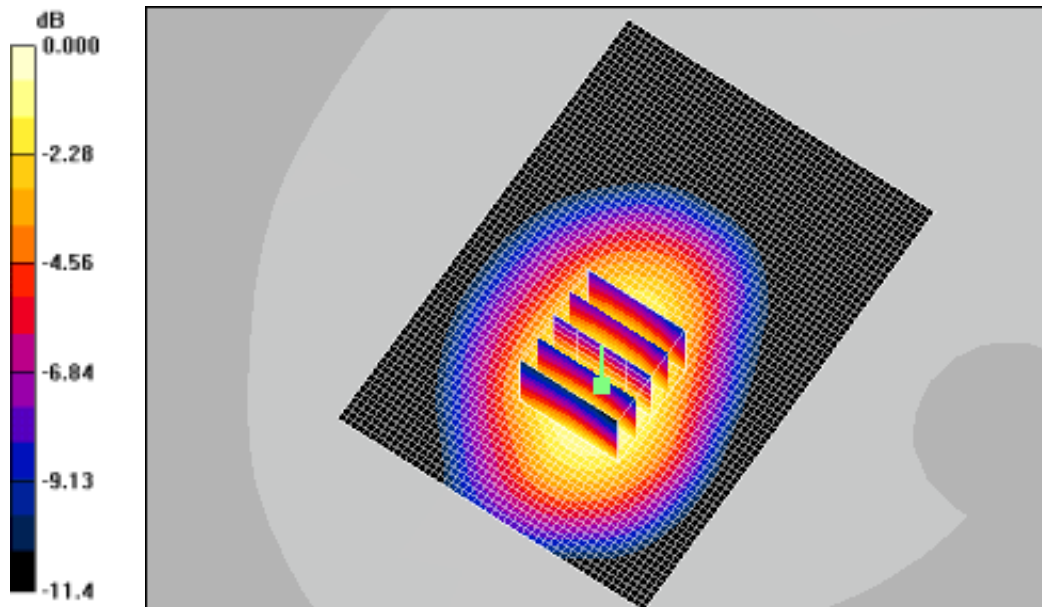
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.5 V/m; Power Drift = 0.080 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.792 mW/g

Maximum value of SAR (measured) = 0.841 mW/g



0 dB = 0.841mW/g

SAMSUNG FCC ID : A3LSCHU420 835MHz CDMA Head SAR

DUT: SCH-U420(UP); Serial: FD-072-G

Program Name: SCH-U420 CDMA Left Slide Up (Job No. : FD-072)

Procedure Name: Cheek/Touch, Ch.0777, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.8; Test Date-19/May/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(5.73, 5.73, 5.73); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.0777, Intenna, Bat. Standard/Area Scan

(51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.935 mW/g

Cheek/Touch, Ch.0777, Intenna, Bat. Standard/Zoom Scan

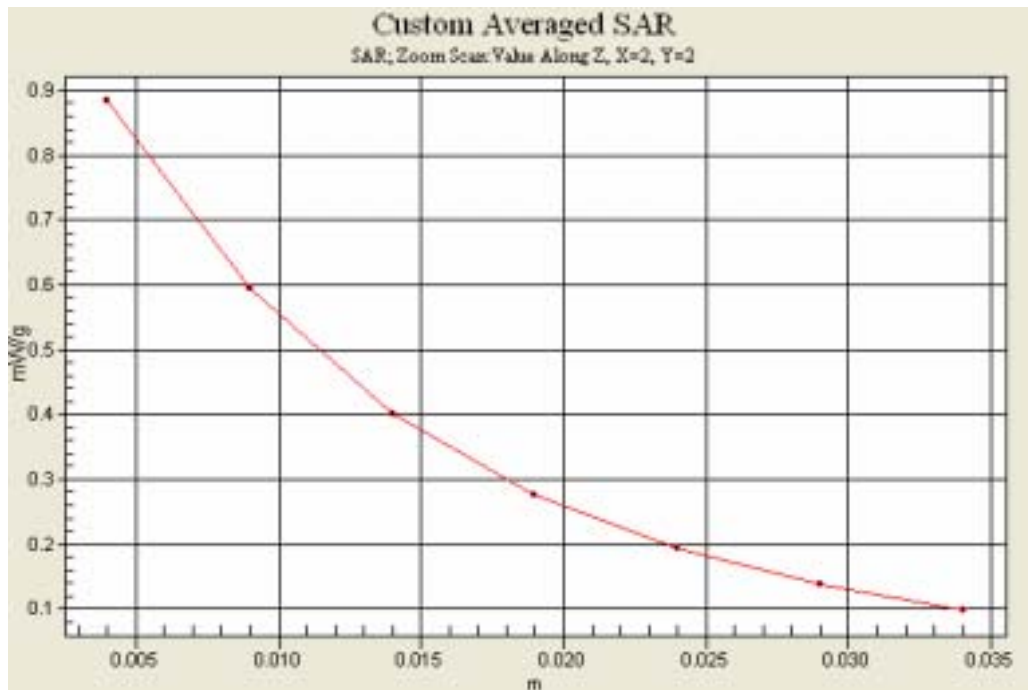
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.91 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.834 mW/g

Maximum value of SAR (measured) = 0.883 mW/g



SAMSUNG FCC ID : A3LSCHU420 835MHz Body Head SAR

DUT: SCH-U420(Down); Serial: FD-072-G

Program Name: SCH-U420 CDMA Body (Job No. : FD-072)

Procedure Name: Body, Ch. 0384, Ant. Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.4; Tissue Temp(celsius)-22.0; Test Date-19/May/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.52$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(5.91, 5.91, 5.91); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch. 0384, Ant. Intenna, Bat. Standard/Area Scan (51x71x1):

Measurement grid: $dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 0.919 mW/g

Body, Ch. 0384, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.5 V/m; Power Drift = 0.080 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.792 mW/g

Maximum value of SAR (measured) = 0.841 mW/g



SAMSUNG FCC ID : A3LSCHU420 1900MHz PCS Head SAR

DUT: SCH-U420(Down); Serial: FD-072-G

Program Name: SCH-U420 PCS Right Slide Down(Job No. : FD-072)

Procedure Name: Ear/Tilt, Ch.0600, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-21.9; Tissue Temp(celsius)-21.7; Test Date-20/May/2006[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm

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

Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Zoom Scan

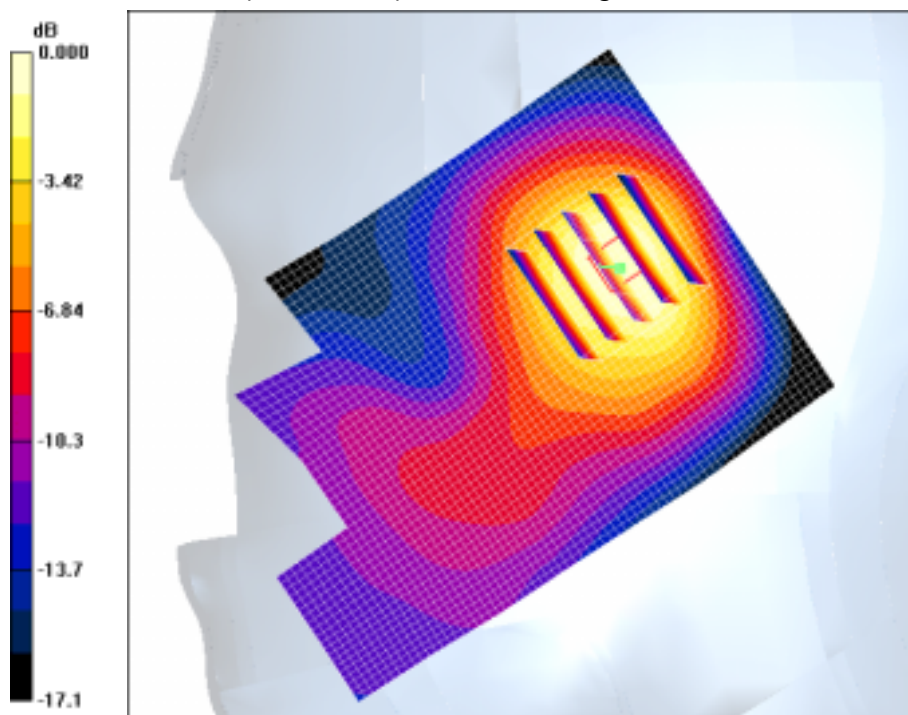
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.9 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.633 W/kg

SAR(1 g) = 0.419 mW/g

Maximum value of SAR (measured) = 0.454 mW/g



0 dB = 0.454mW/g

SAMSUNG FCC ID : A3LSCHU420 1900MHz PCS Head SAR

DUT: SCH-U420(Down); Serial: FD-072-G

Program Name: SCH-U420 PCS Right Slide Down(Job No. : FD-072)

Procedure Name: Cheek/Touch, Ch.0600, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-21.9; Tissue Temp(celsius)-21.7; Test Date-20/May/2006[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.0600, Intenna, Bat. Standard/Area Scan

(51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.468 mW/g

Cheek/Touch, Ch.0600, Intenna, Bat. Standard/Zoom Scan

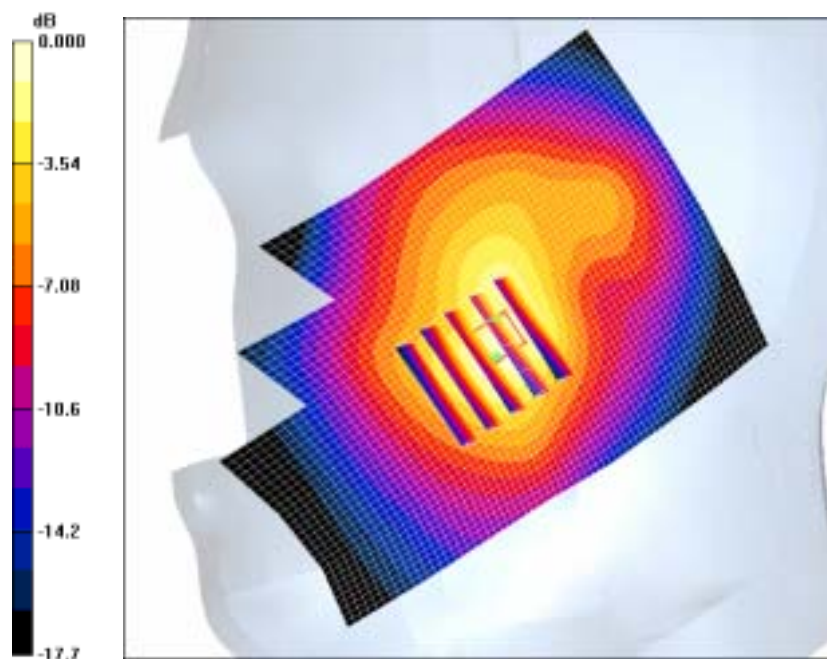
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.31 V/m; Power Drift = -0.045 dB

Peak SAR (extrapolated) = 0.809 W/kg

SAR(1 g) = 0.524 mW/g

Maximum value of SAR (measured) = 0.550 mW/g



0 dB = 0.550mW/g

SAMSUNG FCC ID : A3LSCHU420 1900MHz PCS Head SAR

DUT: SCH-U420(Up); Serial: FD-072-G

Program Name: SCH-U420 PCS Right Slide Up (Job No. : FD-072)

Procedure Name: Cheek/Touch, Ch.0025, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-21.9; Tissue Temp(celsius)-21.7; Test Date-20/May/2006[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; $\sigma = 1.42$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.0025, Intenna, Bat. Standard/Area Scan

(51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.875 mW/g

Cheek/Touch, Ch.0025, Intenna, Bat. Standard/Zoom Scan

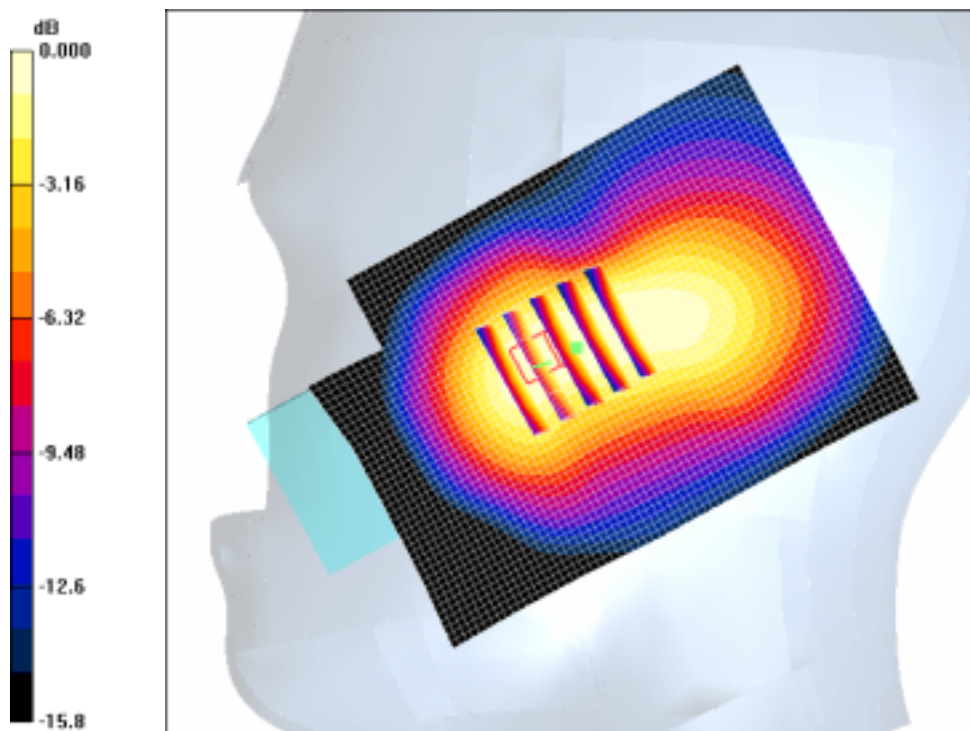
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.8 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 0.988 W/kg

SAR(1 g) = 0.731 mW/g

Maximum value of SAR (measured) = 0.758 mW/g



0 dB = 0.758mW/g

SAMSUNG FCC ID : A3LSCHU420 1900MHz PCS Head SAR

DUT: SCH-U420(Up); Serial: FD-072-G

Program Name: SCH-U420 PCS Right Slide Up (Job No. : FD-072)

Procedure Name: Ear/Tilt, Ch.0600, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-21.9; Tissue Temp(celsius)-21.7; Test Date-20/May/2006[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Area Scan (51x71x1):

Measurement grid: $dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 0.256 mW/g

Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Zoom Scan

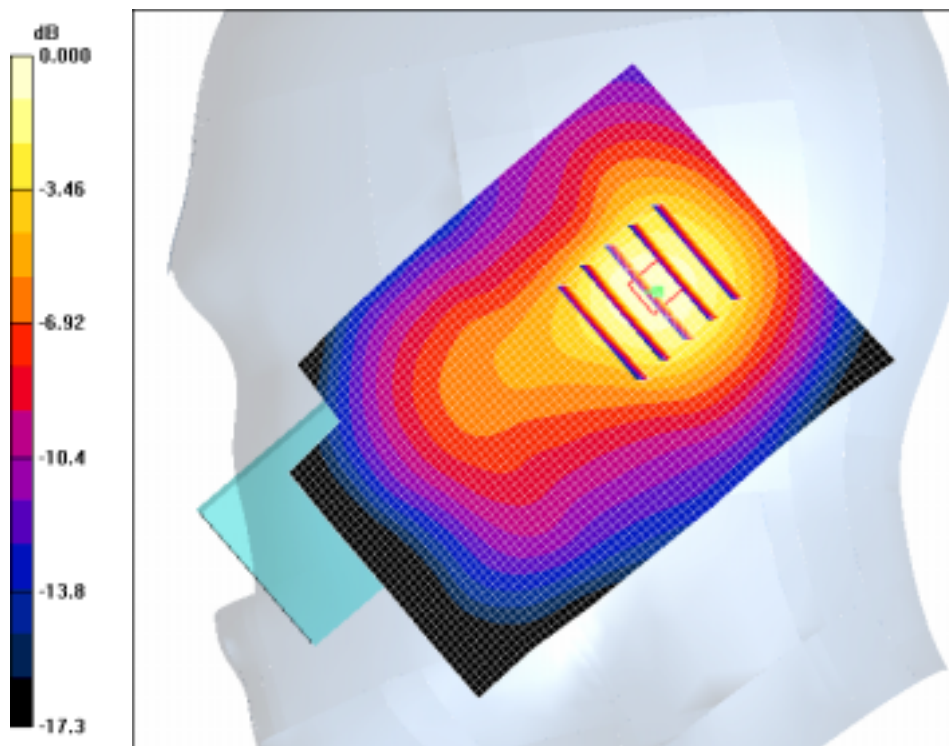
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.2 V/m; Power Drift = -0.093 dB

Peak SAR (extrapolated) = 0.366 W/kg

SAR(1 g) = 0.231 mW/g

Maximum value of SAR (measured) = 0.252 mW/g



0 dB = 0.252mW/g

SAMSUNG FCC ID : A3LSCHU420 1900MHz PCS Head SAR

DUT: SCH-U420(Down); Serial: FD-072-G

Program Name: SCH-U420 PCS Left Slide Down (Job No. : FD-072)

Procedure Name: Cheek/Touch, Ch.0025, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-21.9; Tissue Temp(celsius)-21.7; Test Date-20/May/2006[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; $\sigma = 1.42$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.0025, Intenna, Bat. Standard/Area Scan

(51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.527 mW/g

Cheek/Touch, Ch.0025, Intenna, Bat. Standard/Zoom Scan

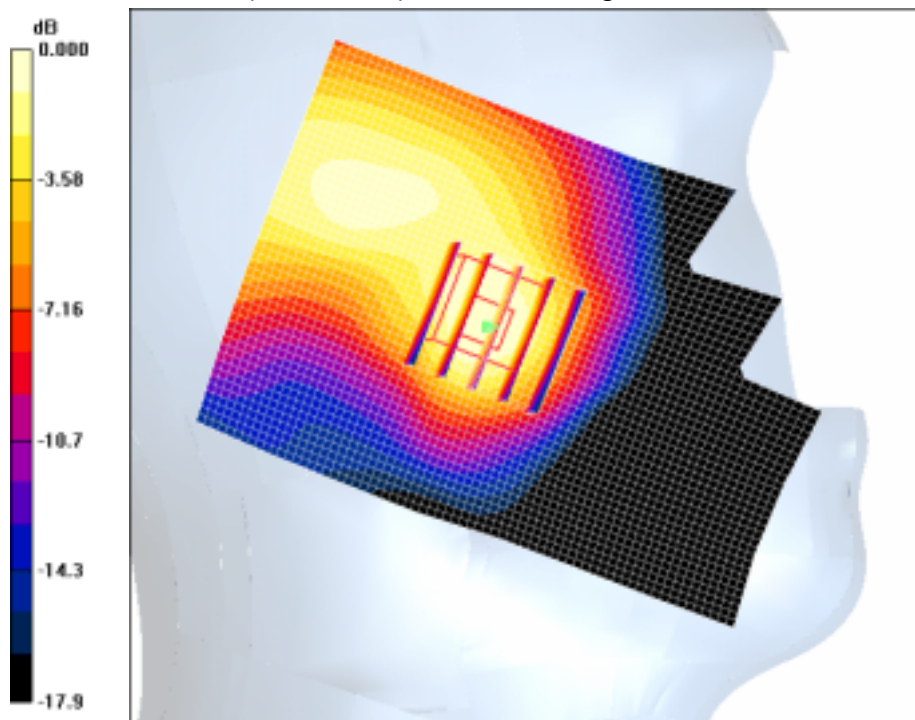
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.8 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 0.563 W/kg

SAR(1 g) = 0.419 mW/g

Maximum value of SAR (measured) = 0.460 mW/g



0 dB = 0.460mW/g

SAMSUNG FCC ID : A3LSCHU420 1900MHz PCS Head SAR

DUT: SCH-U420(Down); Serial: FD-072-G

Program Name: SCH-U420 PCS Left Slide Down (Job No. : FD-072)

Procedure Name: Ear/Tilt, Ch.0600, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-21.9; Tissue Temp(celsius)-21.7; Test Date-20/May/2006[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Area Scan (51x71x1):

Measurement grid: $dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 0.209 mW/g

Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Zoom Scan

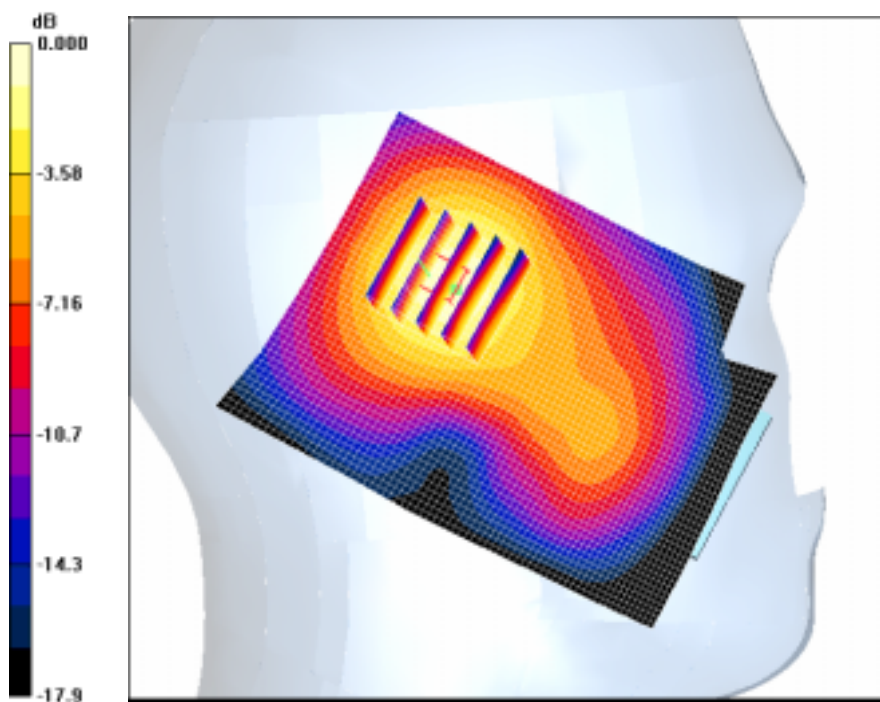
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.7 V/m; Power Drift = 0.033 dB

Peak SAR (extrapolated) = 0.339 W/kg

SAR(1 g) = 0.204 mW/g

Maximum value of SAR (measured) = 0.216 mW/g



0 dB = 0.216mW/g

SAMSUNG FCC ID : A3LSCHU420 1900MHz PCS Head SAR

DUT: SCH-U420(Down); Serial: FD-072-G

Program Name: SCH-U420 PCS Left Slide Down (Job No. : FD-072)

Procedure Name: Cheek/Touch, Ch.0025, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.1; Tissue Temp(celsius)-22.4; Test Date-20/May/2006[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; $\sigma = 1.42$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.0025, Intenna, Bat. Standard/Area Scan

(51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.758 mW/g

Cheek/Touch, Ch.0025, Intenna, Bat. Standard/Zoom Scan

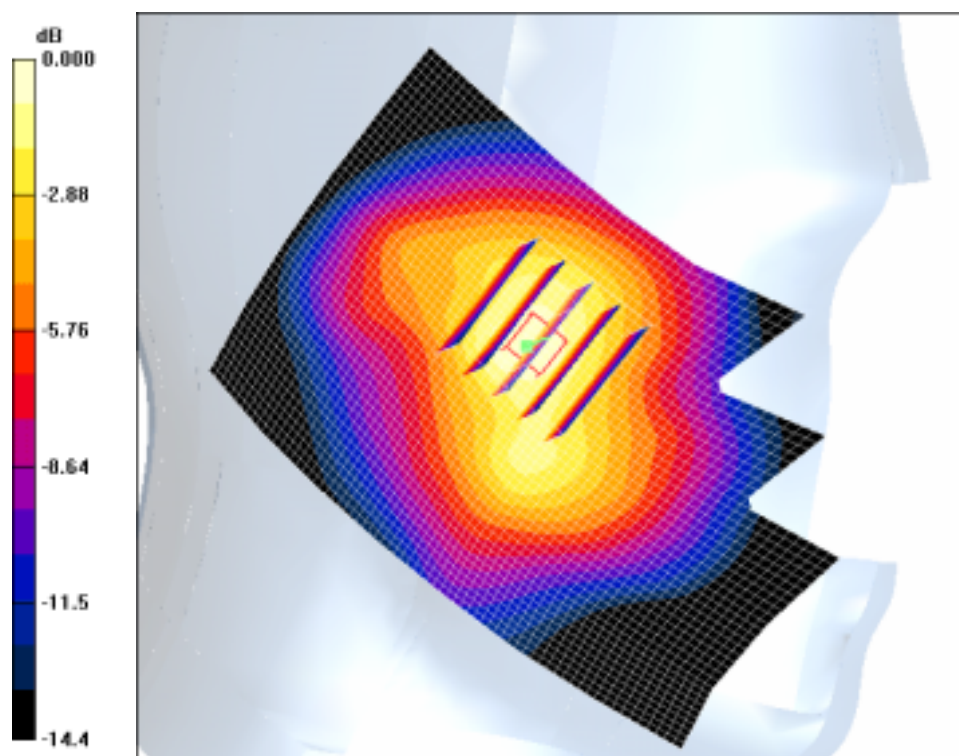
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.13 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.696 mW/g

Maximum value of SAR (measured) = 0.769 mW/g



0 dB = 0.769mW/g

SAMSUNG FCC ID : A3LSCHU420 1900MHz PCS Head SAR

DUT: SCH-U420(Down); Serial: FD-072-G

Program Name: SCH-U420 PCS Left Slide Down (Job No. : FD-072)

Procedure Name: Ear/Tilt, Ch.0600, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.1; Tissue Temp(celsius)-22.4; Test Date-20/May/2006[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Area Scan (51x71x1):

Measurement grid: $dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 0.460 mW/g

Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Zoom Scan

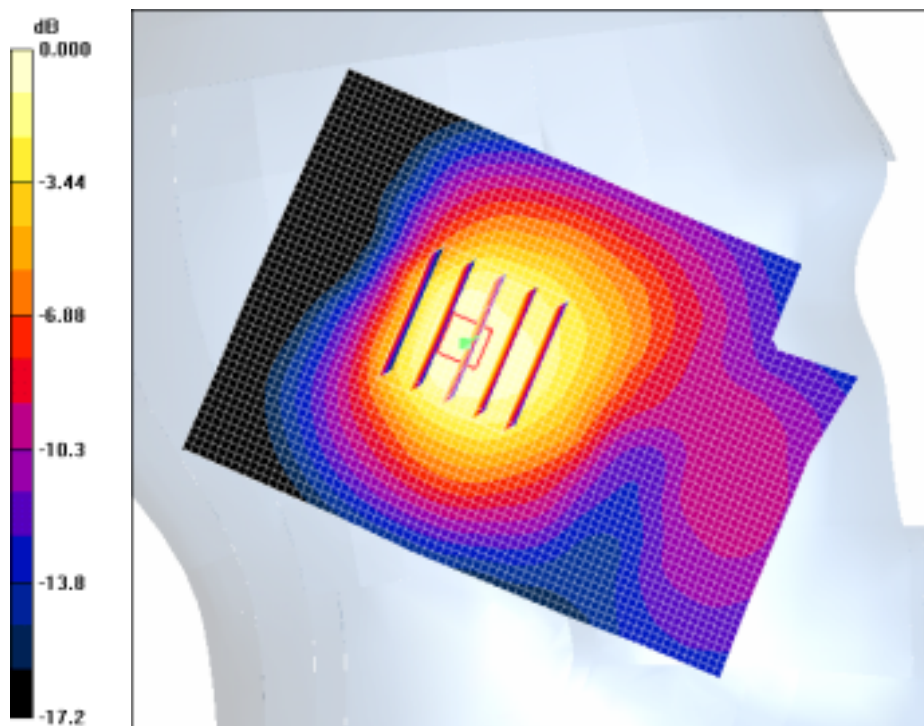
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.3 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 0.563 W/kg

SAR(1 g) = 0.382 mW/g

Maximum value of SAR (measured) = 0.414 mW/g



0 dB = 0.414mW/g

SAMSUNG FCC ID : A3LSCHU420 1900MHz PCS Body SAR

DUT: SCH-U420(Down); Serial: FD-072-G

Program Name: SCH-U420 PCS Body (Job No. : FD-072)

Procedure Name: Body, Ch. 0025, Ant. Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.2, Tissue Temp(celsius)-22.5; Test Date-20/May/2006 [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; $\sigma = 1.53$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(4.47, 4.47, 4.47); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch. 0025, Ant. Intenna, Bat. Standard/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.380 mW/g

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

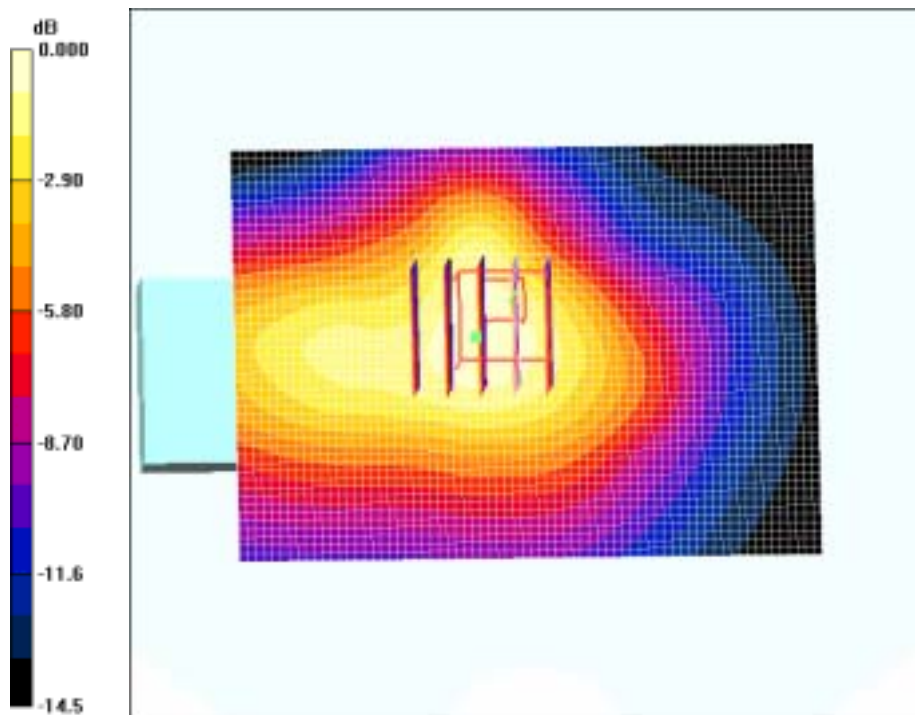
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.9 V/m; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 0.540 W/kg

SAR(1 g) = 0.348 mW/g

Maximum value of SAR (measured) = 0.375 mW/g



0 dB = 0.375mW/g

SAMSUNG FCC ID : A3LSCHU420 1900MHz PCS Head SAR

DUT: SCH-U420(Up); Serial: FD-072-G

Program Name: SCH-U420 PCS Right Slide Up (Job No. : FD-072)

Procedure Name: Cheek/Touch, Ch.0025, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-21.9; Tissue Temp(celsius)-21.7; Test Date-20/May/2006[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; $\sigma = 1.42$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20

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

- Electronics: DAE4 Sn670; Calibrated: 2006-03-21

- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.0025, Intenna, Bat. Standard/Area Scan

(51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.875 mW/g

Cheek/Touch, Ch.0025, Intenna, Bat. Standard/Zoom Scan

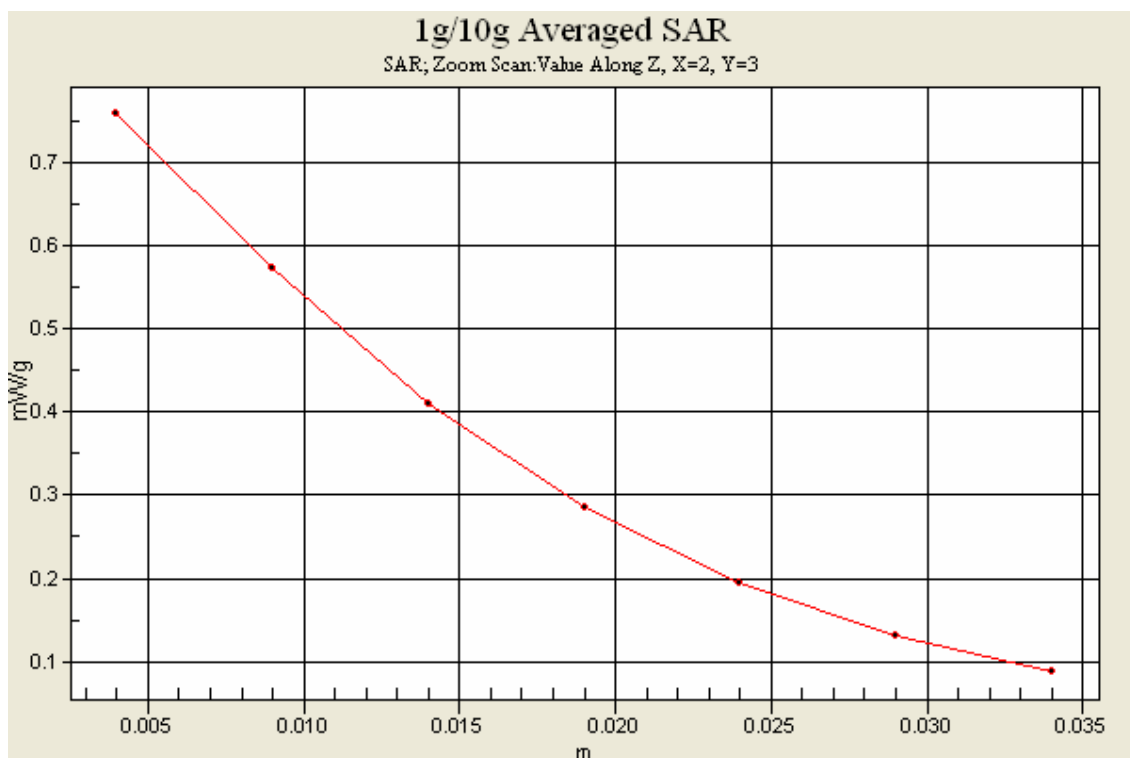
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.8 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 0.988 W/kg

SAR(1 g) = 0.731 mW/g

Maximum value of SAR (measured) = 0.758 mW/g



SAMSUNG FCC ID : A3LSCHU420 1900MHz PCS Body SAR

DUT: SCH-U420(Down); Serial: FD-072-G

Program Name: SCH-U420 PCS Body (Job No. : FD-072)

Procedure Name: Body, Ch. 0025, Ant. Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.2, Tissue Temp(celsius)-22.5; Test Date-20/May/2006 [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; $\sigma = 1.53$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(4.47, 4.47, 4.47); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch. 0025, Ant. Intenna, Bat. Standard/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.380 mW/g

Body, Ch. 0025, Ant. Intenna, Bat. Standard/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.9 V/m; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 0.540 W/kg

SAR(1 g) = 0.348 mW/g

Maximum value of SAR (measured) = 0.375 mW/g

