

SAMSUNG FCC ID : A3LSPHA920M - - CDMA Head SAR

DUT: SPH-A920M; Serial: FD-197-A

Program Name: SPH-A920M CDMA Right (Job No. : FD-197)

Procedure Name: Cheek/Touch, Ch.0384, Intenna, Bat. Standard

Meas. Ambient Temp(celsius)-22.5 Tissue Temp(celsius)-21.8; Test Date-12/Oct/2006

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

Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$

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: 2006-07-17
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.96 V/m; Power Drift = -0.164 dB

Peak SAR (extrapolated) = 0.485 W/kg

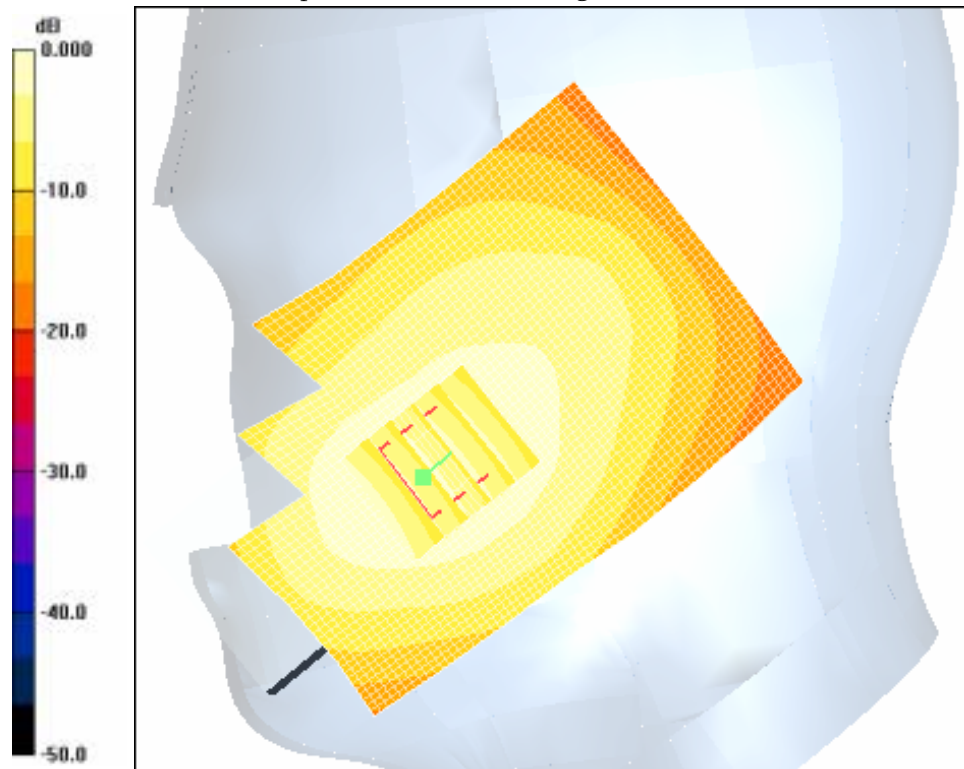
SAR(1 g) = 0.344 mW/g

Maximum value of SAR (measured) = 0.366 mW/g

Cheek/Touch, Ch.0384, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

$dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.351 mW/g



0 dB = 0.351mW/g

SAMSUNG FCC ID : A3LSPHA920M - - CDMA Head SAR

DUT: SPH-A920M; Serial: FD-197-A

Program Name: SPH-A920M CDMA Right (Job No. : FD-197)

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

Meas. Ambient Temp(celsius)-22.5 Tissue Temp(celsius)-21.8; Test Date-12/Oct/2006

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

Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$

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: 2006-07-17
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

$dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.090 mW/g

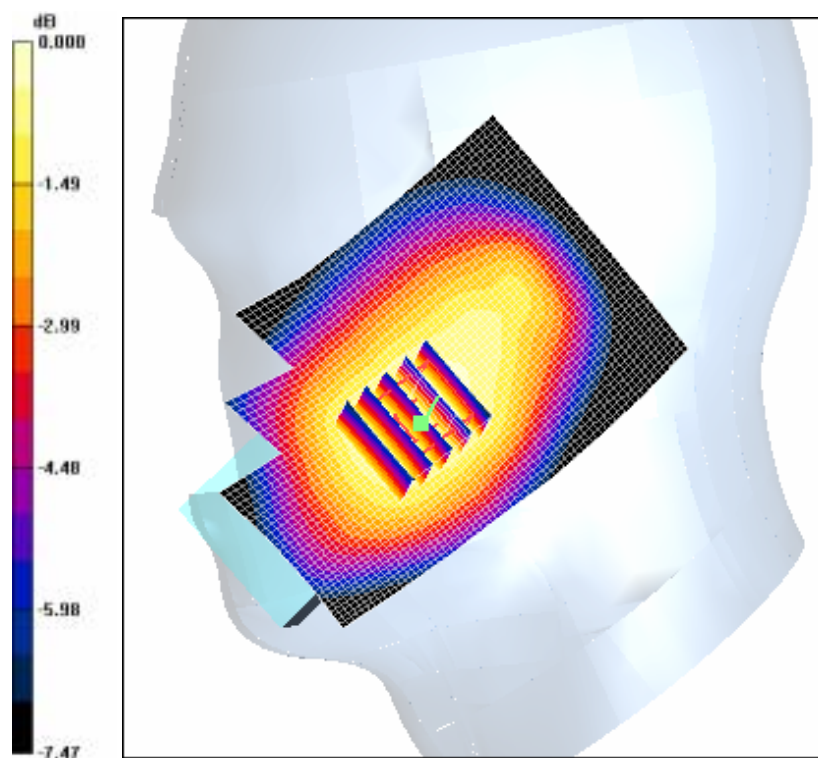
Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.17 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 0.108 W/kg

SAR(1 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.090 mW/g



0 dB = 0.090mW/g

SAMSUNG FCC ID : A3LSPHA920M - - CDMA Head SAR

DUT: SPH-A920M; Serial: FD-197-A

Program Name: SPH-A920M CDMA Left (Job No. : FD-197)

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

Meas. Ambient Temp(celsius)-22.5 Tissue Temp(celsius)-21.8; Test Date-12/Oct/2006

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

Medium parameters used: $f = 824.7$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ 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: 2006-07-17
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.1013, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:
dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.457 mW/g

Cheek/Touch, Ch.1013, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

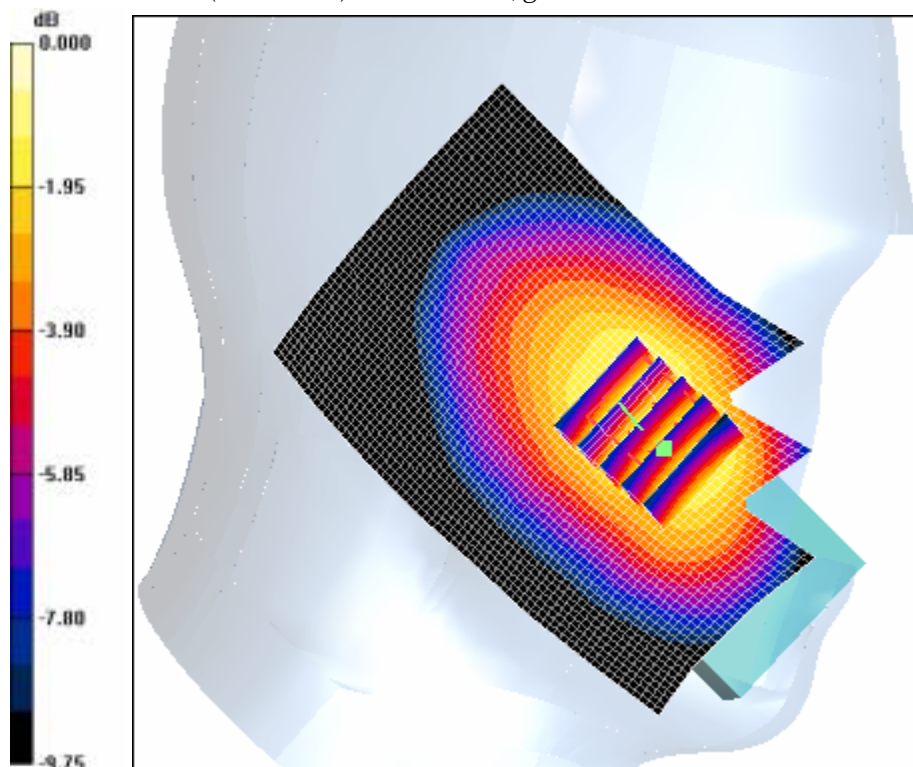
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.71 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 0.612 W/kg

SAR(1 g) = 0.438 mW/g

Maximum value of SAR (measured) = 0.461 mW/g



0 dB = 0.461mW/g

SAMSUNG FCC ID : A3LSPHA920M - - CDMA Head SAR

DUT: SPH-A920M; Serial: FD-197-A

Program Name: SPH-A920M CDMA Left (Job No. : FD-197)

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

Meas. Ambient Temp(celsius)-22.5 Tissue Temp(celsius)-21.8; Test Date-12/Oct/2006

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

Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$

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: 2006-07-17
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.85 V/m; Power Drift = 0.169 dB

Peak SAR (extrapolated) = 0.115 W/kg

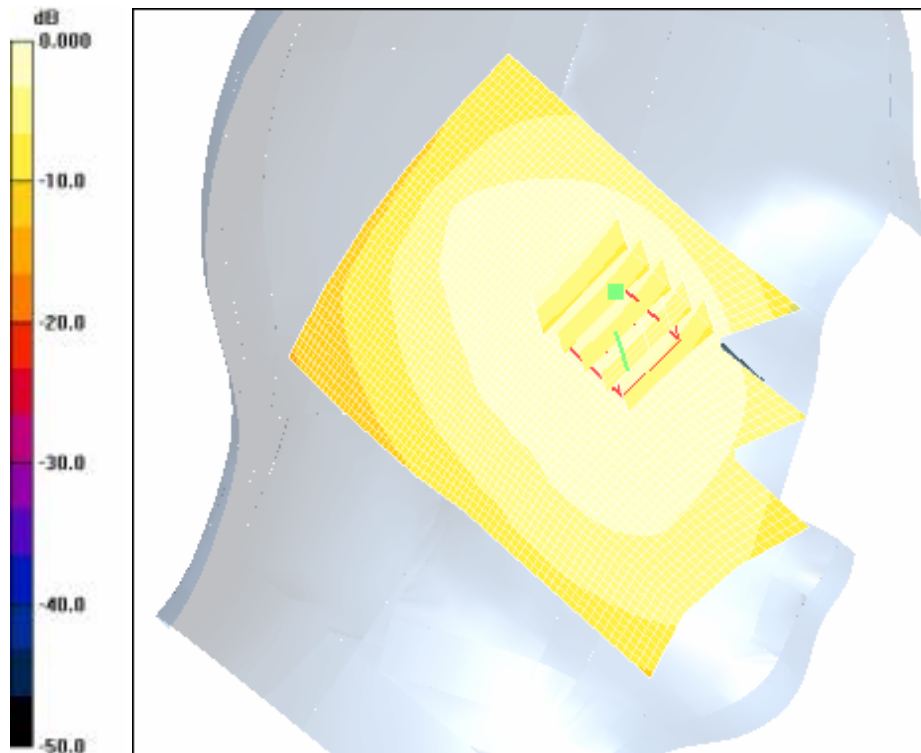
SAR(1 g) = 0.091 mW/g

Maximum value of SAR (measured) = 0.095 mW/g

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

$dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.094 mW/g



0 dB = 0.094mW/g

SAMSUNG FCC ID : A3LSPHA920M - - CDMA Body SAR

DUT: SPH-A920M(Body); Serial: FD-197-A

Program Name: SPH-A920M CDMA Body (Job No. : FD-197)

Procedure Name: Body, Ch. 0777, Ant. Intenna, Bat. Standard

Meas. Ambient Temp(celsius)-22.4 Tissue Temp(celsius)-21.6; Test Date-12/Oct/2006

Communication System: CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ 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: 2006-07-17
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Reference Value = 20.9 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 0.603 W/kg

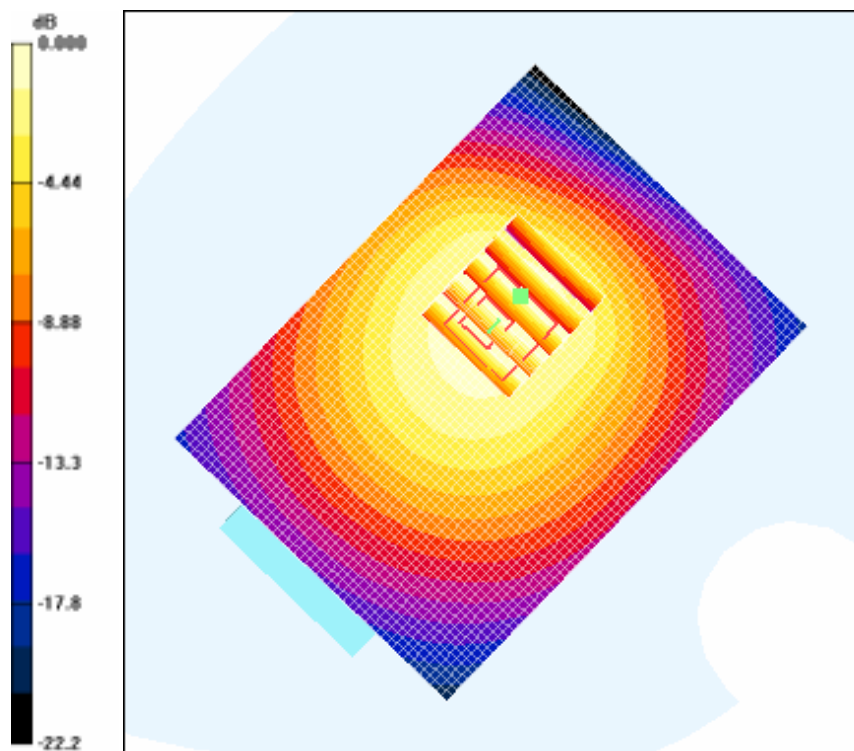
SAR(1 g) = 0.438 mW/g

Maximum value of SAR (measured) = 0.461 mW/g

Body, Ch. 0777, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.530 mW/g



0 dB = 0.530mW/g

SAMSUNG FCC ID : A3LSPHA920M - - CDMA Head SAR

DUT: SPH-A920M; Serial: FD-197-A

Program Name: SPH-A920M CDMA Left (Job No. : FD-197)

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

Meas. Ambient Temp(celsius)-22.5 Tissue Temp(celsius)-21.8; Test Date-12/Oct/2006

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

Medium parameters used: $f = 824.7$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ 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: 2006-07-17
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.1013, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:
dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.457 mW/g

Cheek/Touch, Ch.1013, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 6.71 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 0.612 W/kg

SAR(1 g) = 0.438 mW/g

Maximum value of SAR (measured) = 0.461 mW/g



SAMSUNG FCC ID : A3LSPHA920M - - CDMA Body SAR

DUT: SPH-A920M(Body); Serial: FD-197-A

Program Name: SPH-A920M CDMA Body (Job No. : FD-197)

Procedure Name: Body, Ch. 0777, Ant. Intenna, Bat. Standard

Meas. Ambient Temp(celsius)-22.4 Tissue Temp(celsius)-21.6; Test Date-12/Oct/2006

Communication System: CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ 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: 2006-07-17
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Reference Value = 20.9 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 0.603 W/kg

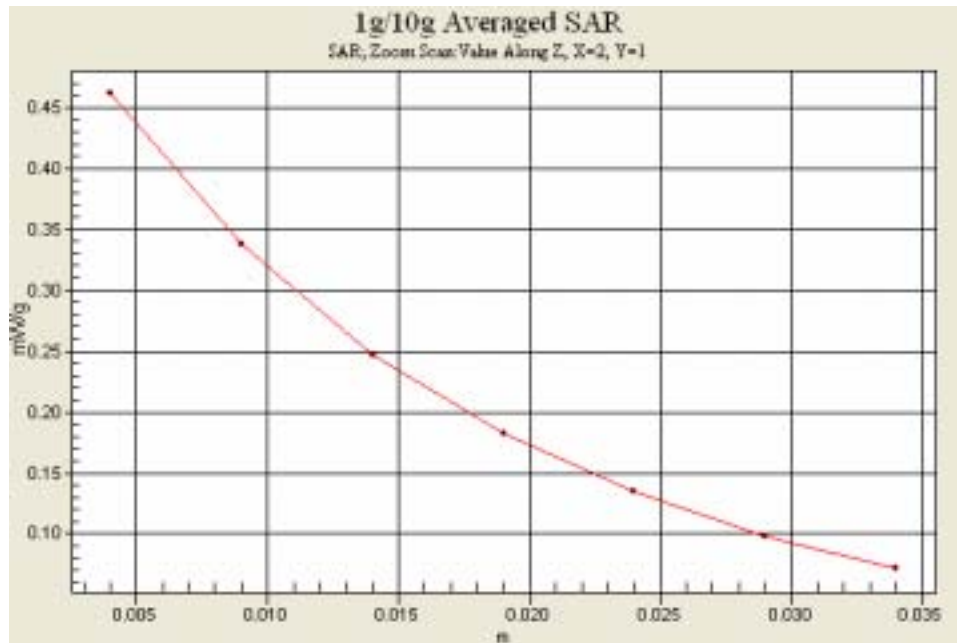
SAR(1 g) = 0.438 mW/g

Maximum value of SAR (measured) = 0.461 mW/g

Body, Ch. 0777, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.530 mW/g



SAMSUNG FCC ID : A3LSPHA920M - - PCS Head SAR

DUT: SPH-A920M; Serial: FD-197-A

Program Name: SPH-A920M PCS Right (Job No. : FD-197)

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

Meas. Ambient Temp(celsius)-22.4 Tissue Temp(celsius)-21.9; Test Date-13/Oct/2006

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 39.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(4.81, 4.81, 4.81); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.0600, Intenna, Bat. Standard With BT ON/Zoom Scan 2 (5x5x7)/Cube

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

Reference Value = 26.1 V/m; Power Drift = -0.123 dB

Peak SAR (extrapolated) = 2.57 W/kg

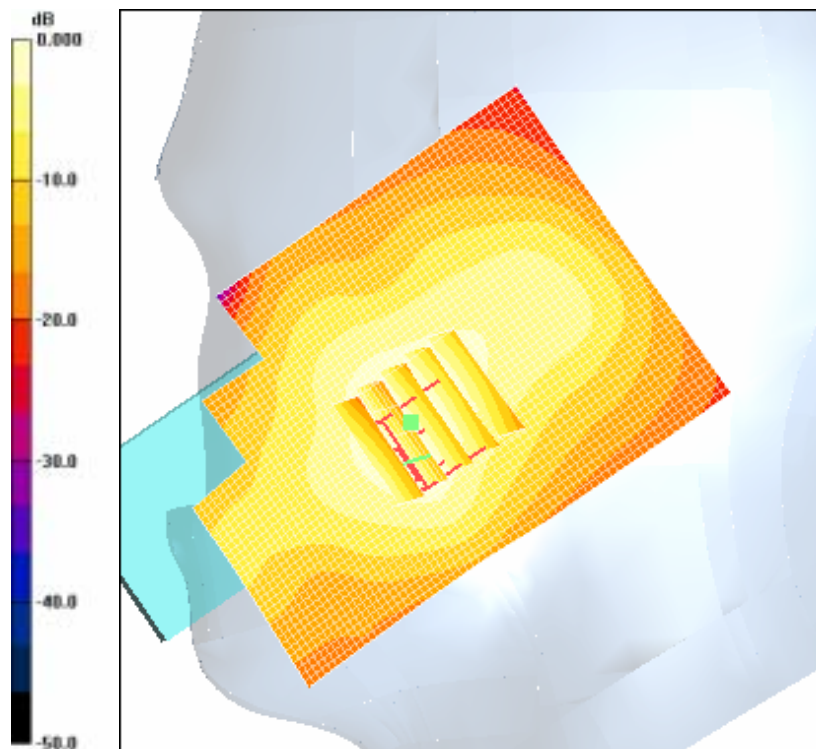
SAR(1 g) = 1.37 mW/g

Maximum value of SAR (measured) = 1.52 mW/g

Cheek/Touch, Ch.0600, Intenna, Bat. Standard With BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 1.38 mW/g



0 dB = 1.38mW/g

SAMSUNG FCC ID : A3LSPHA920M - - PCS Head SAR

DUT: SPH-A920M; Serial: FD-197-A

Program Name: SPH-A920M PCS Right (Job No. : FD-197)

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

Meas. Ambient Temp(celsius)-22.4 Tissue Temp(celsius)-21.9; Test Date-13/Oct/2006

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 39.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(4.81, 4.81, 4.81); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.40 V/m; Power Drift = -0.190 dB

Peak SAR (extrapolated) = 0.599 W/kg

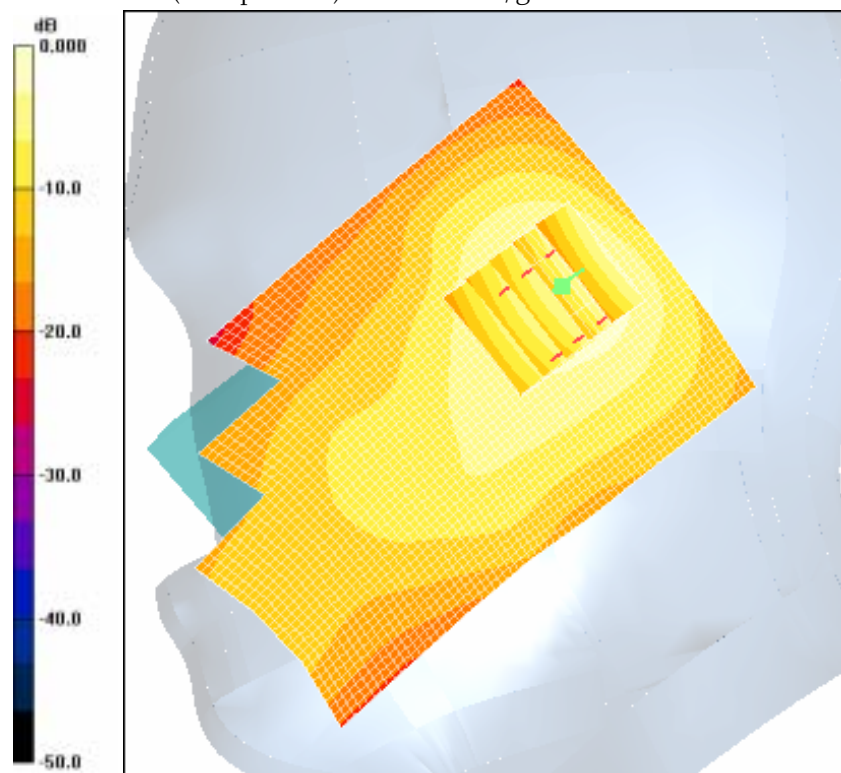
SAR(1 g) = 0.415 mW/g

Maximum value of SAR (measured) = 0.432 mW/g

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.491 mW/g



0 dB = 0.491mW/g

SAMSUNG FCC ID : A3LSPHA920M - - PCS Head SAR

DUT: SPH-A920M; Serial: FD-197-A

Program Name: SPH-A920M PCS Left (Job No. : FD-197)

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

Meas. Ambient Temp(celsius)-22.4 Tissue Temp(celsius)-21.9; Test Date-13/Oct/2006

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 39.1$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(4.81, 4.81, 4.81); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.0600, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 16.7 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 1.22 W/kg

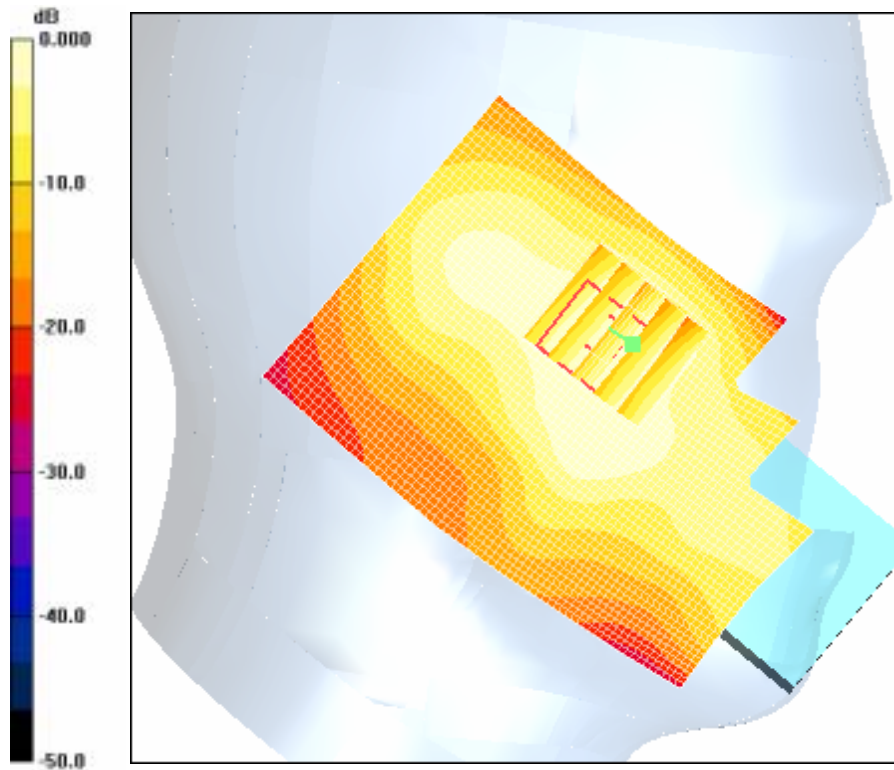
SAR(1 g) = 0.754 mW/g

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

Cheek/Touch, Ch.0600, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.942 mW/g



0 dB = 0.942mW/g

SAMSUNG FCC ID : A3LSPHA920M - - PCS Head SAR

DUT: SPH-A920M; Serial: FD-197-A

Program Name: SPH-A920M PCS Left (Job No. : FD-197)

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

Meas. Ambient Temp(celsius)-22.4 Tissue Temp(celsius)-21.9; Test Date-13/Oct/2006

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.36 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(4.81, 4.81, 4.81); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

$dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.669 mW/g

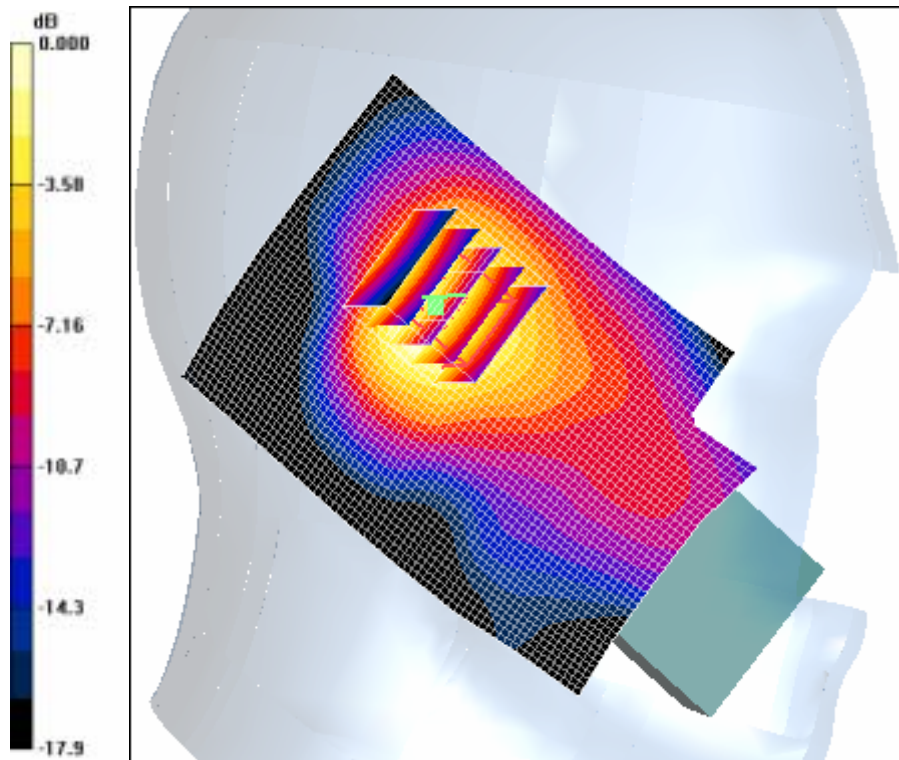
Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.9 V/m; Power Drift = 0.098 dB

Peak SAR (extrapolated) = 0.768 W/kg

SAR(1 g) = 0.515 mW/g

Maximum value of SAR (measured) = 0.552 mW/g



0 dB = 0.552mW/g

SAMSUNG FCC ID : A3LSPHA920M - - PCS Body SAR

DUT: SPH-A920M(Body); Serial: FD-197-A

Program Name: SPH-A920M PCS Body (Job No. : FD-197)

Procedure Name: Body, Ch. 0600, Ant. Intenna, Bat. Standard

Meas. Ambient Temp(celsius)-22.3 Tissue Temp(celsius)-21.8; Test Date-13/Oct/2006

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(4.44, 4.44, 4.44); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch. 0600, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:
dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.975 mW/g

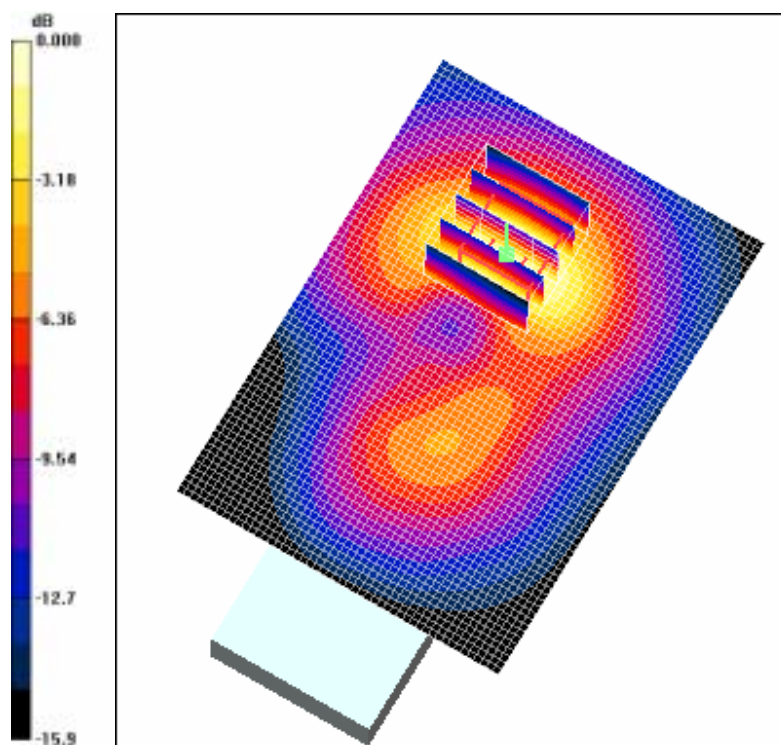
Body, Ch. 0600, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.854 mW/g

Maximum value of SAR (measured) = 0.948 mW/g



0 dB = 0.948mW/g

SAMSUNG FCC ID : A3LSPHA920M - - PCS Head SAR

DUT: SPH-A920M; Serial: FD-197-A

Program Name: SPH-A920M PCS Right (Job No. : FD-197)

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

Meas. Ambient Temp(celsius)-22.4 Tissue Temp(celsius)-21.9; Test Date-13/Oct/2006

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 39.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(4.81, 4.81, 4.81); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.0600, Intenna, Bat. Standard With BT ON/Zoom Scan 2 (5x5x7)/Cube

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

Reference Value = 26.1 V/m; Power Drift = -0.123 dB

Peak SAR (extrapolated) = 2.57 W/kg

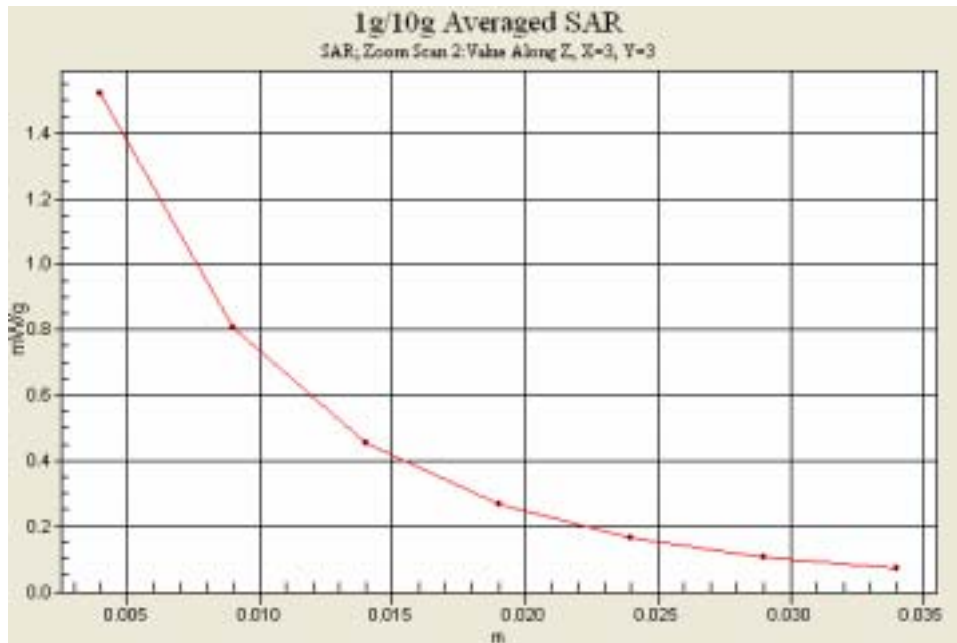
SAR(1 g) = 1.37 mW/g

Maximum value of SAR (measured) = 1.52 mW/g

Cheek/Touch, Ch.0600, Intenna, Bat. Standard With BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 1.38 mW/g



SAMSUNG FCC ID : A3LSPHA920M - - PCS Body SAR

DUT: SPH-A920M(Body); Serial: FD-197-A

Program Name: SPH-A920M PCS Body (Job No. : FD-197)

Procedure Name: Body, Ch. 0600, Ant. Intenna, Bat. Standard

Meas. Ambient Temp(celsius)-22.3 Tissue Temp(celsius)-21.8; Test Date-13/Oct/2006

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3085; ConvF(4.44, 4.44, 4.44); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch. 0600, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:
dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.975 mW/g

Body, Ch. 0600, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.854 mW/g

Maximum value of SAR (measured) = 0.948 mW/g

