

SAMSUNG FCC ID : A3LSPHA720 -- 835MHz CDMA Head SAR

DUT: SPH-A720; Serial: FD-187-F

Program Name: SPH-A720 CDMA Right (Job No. : FD-187)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.5; Tissue Temp(celsius)-21.8;Test Date-29/Sep/2006[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$

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 #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.0777, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 8.68 V/m; Power Drift = -0.168 dB

Peak SAR (extrapolated) = 1.73 W/kg

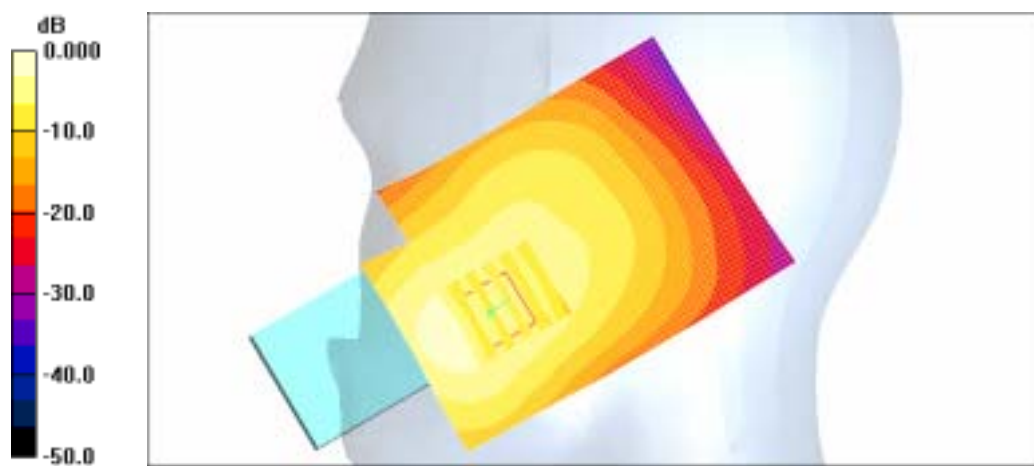
SAR(1 g) = 1.05 mW/g

Maximum value of SAR (measured) = 1.14 mW/g

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

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

Maximum value of SAR (interpolated) = 1.13 mW/g



0 dB = 1.13mW/g

SAMSUNG FCC ID : A3LSPHA720 -- 835MHz CDMA Head SAR

DUT: SPH-A720; Serial: FD-187-F

Program Name: SPH-A720 CDMA Right (Job No. : FD-187)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.5; Tissue Temp(celsius)-21.8;Test Date-29/Sep/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; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ 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: 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.0384, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.182 mW/g

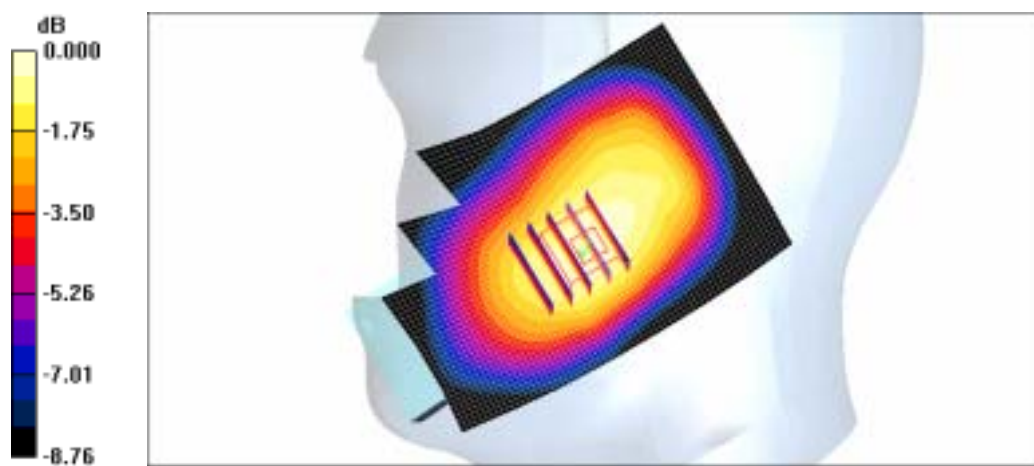
Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.06 V/m; Power Drift = 0.103 dB

Peak SAR (extrapolated) = 0.221 W/kg

SAR(1 g) = 0.174 mW/g

Maximum value of SAR (measured) = 0.184 mW/g



0 dB = 0.184mW/g

SAMSUNG FCC ID : A3LSPHA720 -- 835MHz CDMA Head SAR

DUT: SPH-A720; Serial: FD-187-F

Program Name: SPH-A720 CDMA Left (Job No. : FD-187)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.5; Tissue Temp(celsius)-21.8;Test Date-29/Sep/2006[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$

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 #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.0777, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 26.3 V/m; Power Drift = -0.187 dB

Peak SAR (extrapolated) = 1.27 W/kg

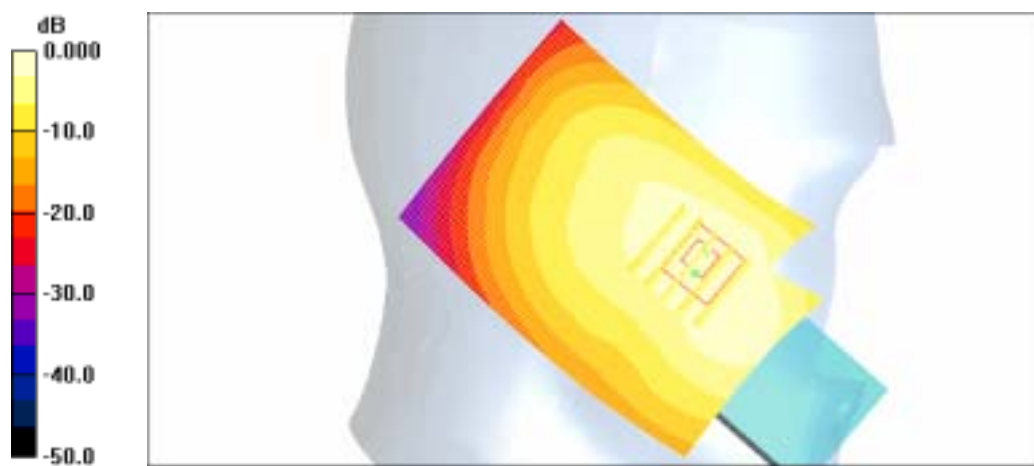
SAR(1 g) = 0.835 mW/g

Maximum value of SAR (measured) = 0.876 mW/g

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

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

Maximum value of SAR (interpolated) = 0.759 mW/g



0 dB = 0.759mW/g

SAMSUNG FCC ID : A3LSPHA720 -- 835MHz CDMA Head SAR

DUT: SPH-A720; Serial: FD-187-F

Program Name: SPH-A720 CDMA Left (Job No. : FD-187)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.5; Tissue Temp(celsius)-21.8;Test Date-29/Sep/2006[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$

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 #2; Type: SAM; Serial: TP-1141
- 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 = 13.7 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 0.237 W/kg

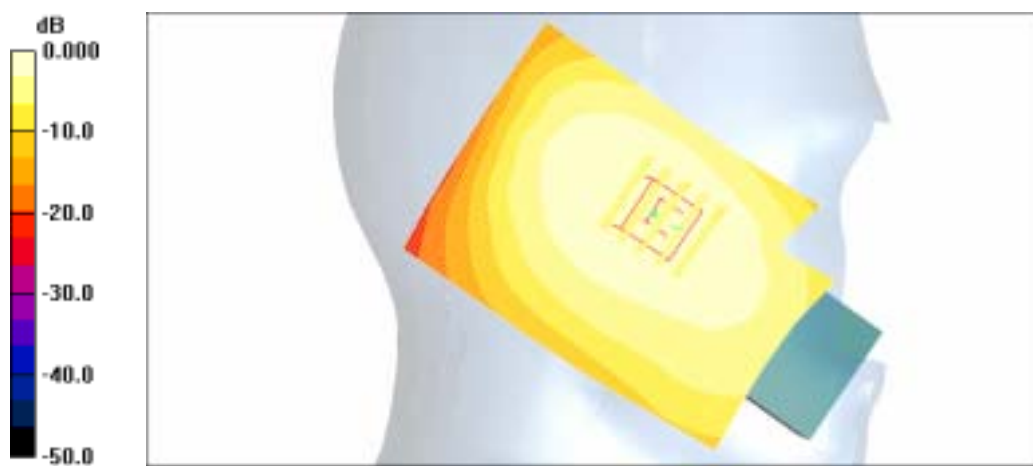
SAR(1 g) = 0.186 mW/g

Maximum value of SAR (measured) = 0.195 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) = 0.197 mW/g



0 dB = 0.197mW/g

SAMSUNG FCC ID : A3LSPHA720 -- 835MHz CDMA Body SAR

DUT: SPH-A720 (Body); Serial: FD-187-F

Program Name: SPH-A720 CDMA Body (Job No. : FD-187)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.3; Tissue Temp(celsius)-21.6;Test Date-29/Sep/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; $\sigma = 0.98$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ 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 #1; Type: SAM; Serial: TP-1143
- 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 = 11.1 V/m; Power Drift = 0.180 dB

Peak SAR (extrapolated) = 0.424 W/kg

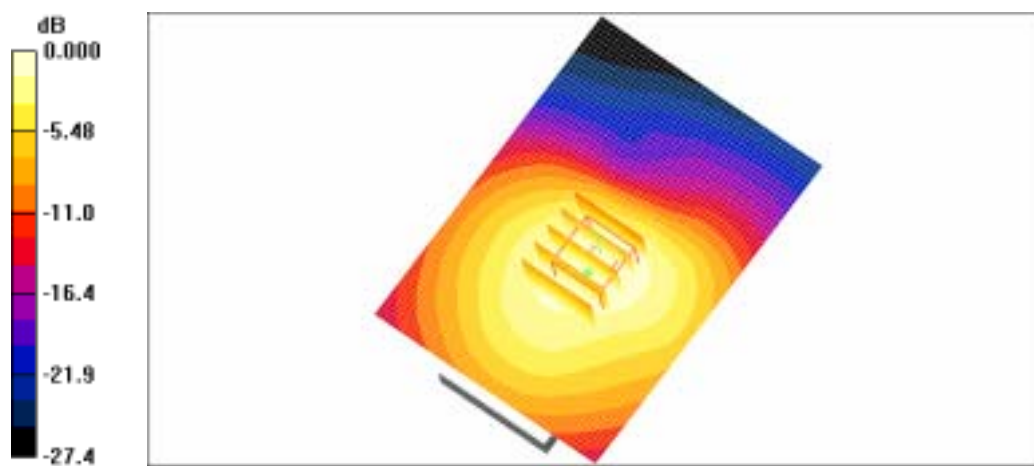
SAR(1 g) = 0.298 mW/g

Maximum value of SAR (measured) = 0.321 mW/g

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.298 mW/g



0 dB = 0.298mW/g

SAMSUNG FCC ID : A3LSPHA720 -- 835MHz CDMA Head SAR

DUT: SPH-A720; Serial: FD-187-F

Program Name: SPH-A720 CDMA Right (Job No. : FD-187)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.5; Tissue Temp(celsius)-21.8;Test Date-29/Sep/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; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ 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: 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.0777, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 8.68 V/m; Power Drift = -0.168 dB

Peak SAR (extrapolated) = 1.73 W/kg

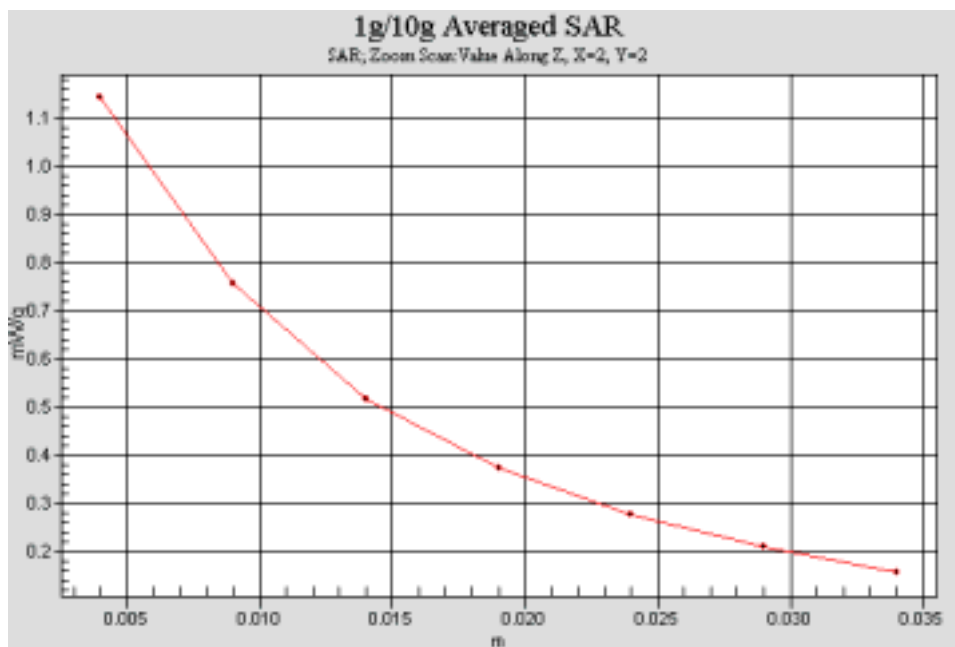
SAR(1 g) = 1.05 mW/g

Maximum value of SAR (measured) = 1.14 mW/g

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.13 mW/g



SAMSUNG FCC ID : A3LSPHA720 -- 835MHz CDMA Body SAR

DUT: SPH-A720 (Body); Serial: FD-187-F

Program Name: SPH-A720 CDMA Body (Job No. : FD-187)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.3; Tissue Temp(celsius)-21.6; Test Date-29/Sep/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; $\sigma = 0.98$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ 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 #1; Type: SAM; Serial: TP-1143
- 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 = 11.1 V/m; Power Drift = 0.180 dB

Peak SAR (extrapolated) = 0.424 W/kg

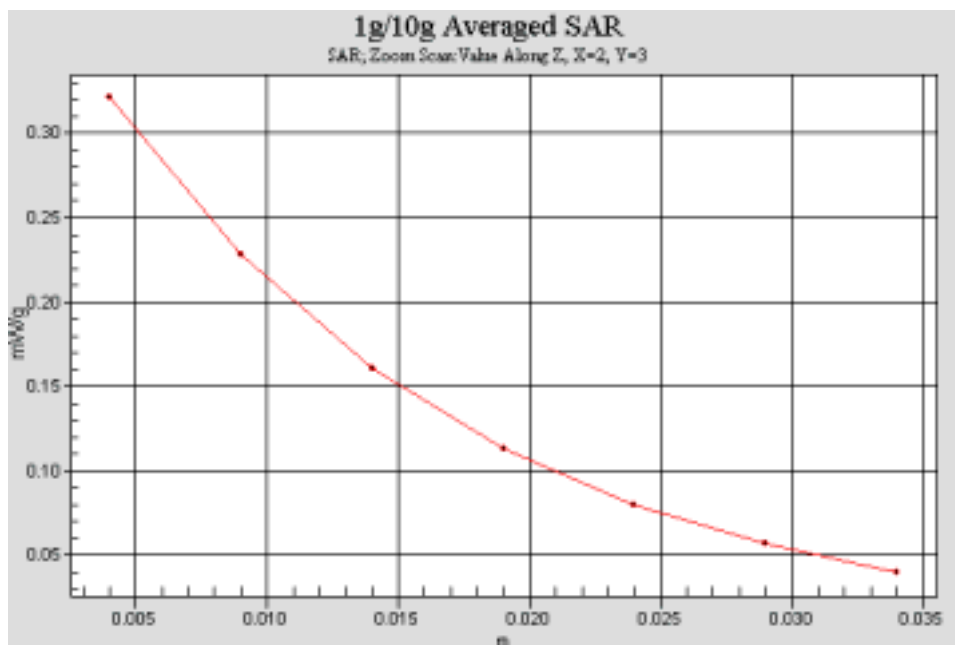
SAR(1 g) = 0.298 mW/g

Maximum value of SAR (measured) = 0.321 mW/g

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.298 mW/g



SAMSUNG FCC ID : A3LSPHA720 -- 1900MHz PCS Head SAR

DUT: SPH-A720; Serial: FD-187-F

Program Name: SPH-A720 PCS Right (Job No. : FD-187)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.3; Tissue Temp(celsius)-21.8;Test Date-28/Sep/2006[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ 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/Area Scan (51x71x1): Measurement grid:
dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.54 mW/g

Cheek/Touch, Ch.0600, Intenna, Bat. Standard/Zoom Scan 2 (5x5x7)/Cube 0:

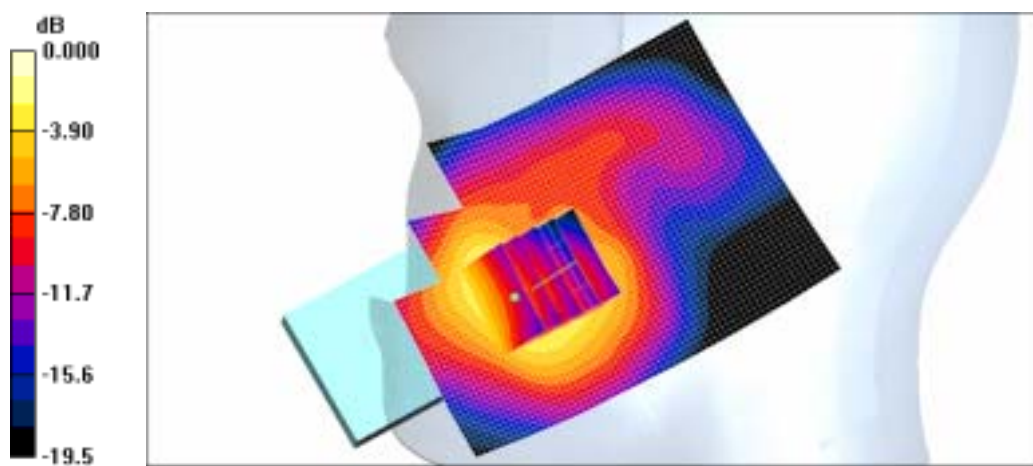
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.0 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 2.98 W/kg

SAR(1 g) = 1.5 mW/g

Maximum value of SAR (measured) = 1.86 mW/g



0 dB = 1.86mW/g

SAMSUNG FCC ID : A3LSPHA720 -- 1900MHz PCS Head SAR

DUT: SPH-A720; Serial: FD-187-F

Program Name: SPH-A720 PCS Right (Job No. : FD-187)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.3; Tissue Temp(celsius)-21.8;Test Date-28/Sep/2006[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ 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 = 3.86 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.085 mW/g

Maximum value of SAR (measured) = 0.092 mW/g

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

dx=20mm, dy=20mm

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



0 dB = 0.090mW/g

SAMSUNG FCC ID : A3LSPHA720 -- 1900MHz PCS Head SAR

DUT: SPH-A720; Serial: FD-187-F

Program Name: SPH-A720 PCS Left (Job No. : FD-187)

Procedure Name: Cheek/Touch, Ch.1175, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.3; Tissue Temp(celsius)-21.8;Test Date-28/Sep/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: PCS; Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1908.75$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ 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.1175, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 5.79 V/m; Power Drift = -0.064 dB

Peak SAR (extrapolated) = 1.54 W/kg

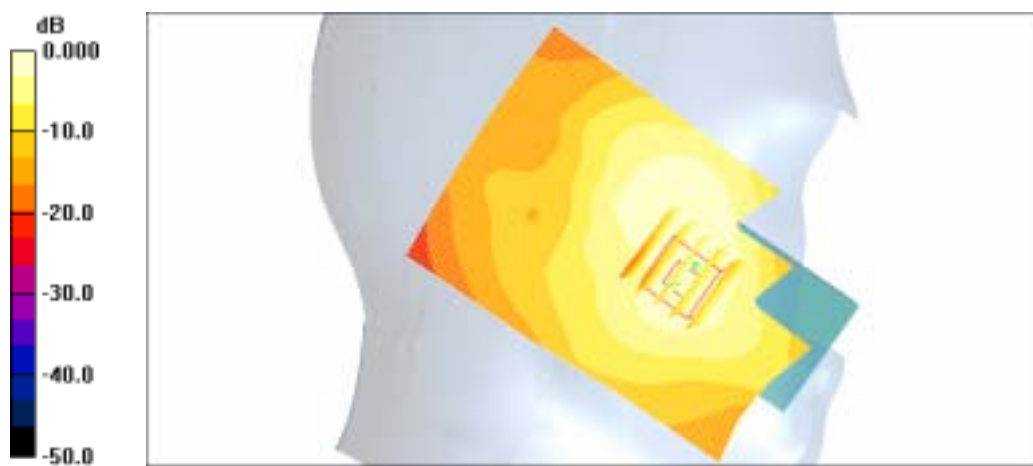
SAR(1 g) = 0.914 mW/g

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

Cheek/Touch, Ch.1175, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

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



0 dB = 0.882mW/g

SAMSUNG FCC ID : A3LSPHA720 -- 1900MHz PCS Head SAR

DUT: SPH-A720; Serial: FD-187-F

Program Name: SPH-A720 PCS Left (Job No. : FD-187)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.3; Tissue Temp(celsius)-21.8;Test Date-28/Sep/2006[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ 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

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

dx=20mm, dy=20mm

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

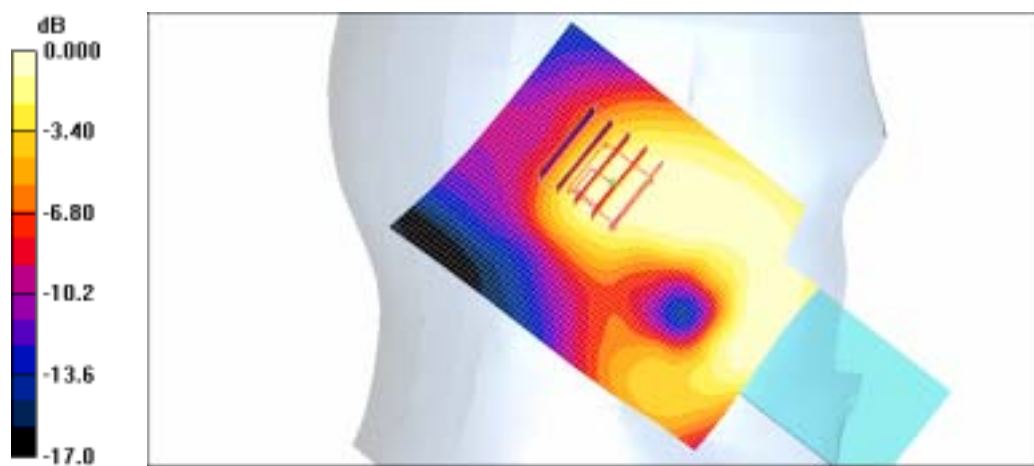
Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.32 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 0.107 W/kg

SAR(1 g) = 0.070 mW/g

Maximum value of SAR (measured) = 0.077 mW/g



0 dB = 0.077mW/g

SAMSUNG FCC ID : A3LSPHA720 -- 1900MHz PCS Body SAR

DUT: SPH-A720(Body); Serial: FD-187-F

Program Name: SPH-A720 PCS Body (Job No. : FD-187)

Procedure Name: Body, Ch. 1175, Ant. Intenna, Bat. Standard With BT ON

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.7;Test Date-28/Sep/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: PCS; Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1908.75$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ 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. 1175, Ant. Intenna, Bat. Standard With BT ON/Area Scan (51x71x1):

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

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

Body, Ch. 1175, Ant. Intenna, Bat. Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:

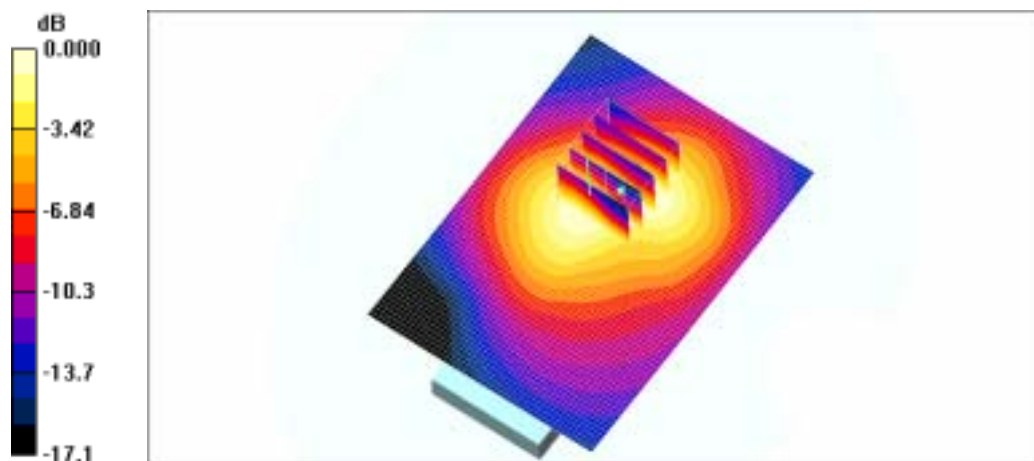
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.4 V/m; Power Drift = 0.148 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.773 mW/g

Maximum value of SAR (measured) = 0.839 mW/g



0 dB = 0.839mW/g

SAMSUNG FCC ID : A3LSPHA720 -- 1900MHz PCS Head SAR

DUT: SPH-A720; Serial: FD-187-F

Program Name: SPH-A720 PCS Right (Job No. : FD-187)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.3; Tissue Temp(celsius)-21.8; Test Date-28/Sep/2006 [OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ 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/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.54 mW/g

Cheek/Touch, Ch.0600, Intenna, Bat. Standard/Zoom Scan 2 (5x5x7)/Cube 0:

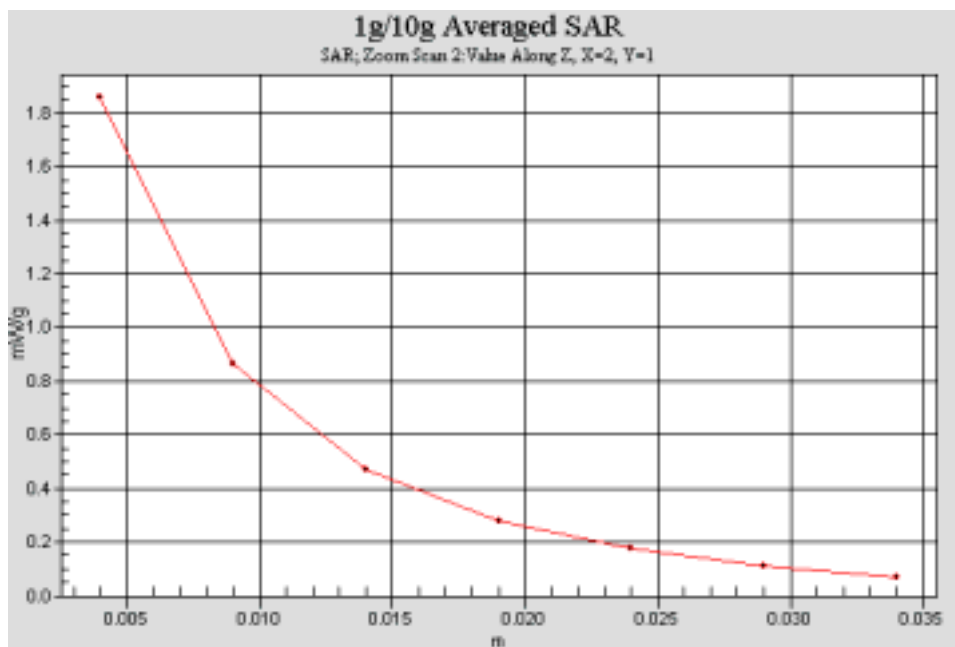
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.0 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 2.98 W/kg

SAR(1 g) = 1.5 mW/g

Maximum value of SAR (measured) = 1.86 mW/g



SAMSUNG FCC ID : A3LSPHA720 -- 1900MHz PCS Body SAR

DUT: SPH-A720(Body); Serial: FD-187-F

Program Name: SPH-A720 PCS Body (Job No. : FD-187)

Procedure Name: Body, Ch. 1175, Ant. Intenna, Bat. Standard With BT ON

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.7;Test Date-28/Sep/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: PCS; Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1908.75$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ 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. 1175, Ant. Intenna, Bat. Standard With BT ON/Area Scan (51x71x1):

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

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

Body, Ch. 1175, Ant. Intenna, Bat. Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 19.4 V/m; Power Drift = 0.148 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.773 mW/g

Maximum value of SAR (measured) = 0.839 mW/g

