

SAMSUNG FCC ID : A3LSCHU540 CDMA Head SAR

DUT: SCH-U540; Serial: FD-226-H

Program Name: SCH-U540 CDMA Right (Job No. : FD-226)

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

Meas.Tissue Temp(celsius)-21.8, Ambient Temp-21.9;Test Date-14/Nov/2006

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

Medium parameters used: $f = 824.7$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.59, 6.59, 6.59); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)Sensor-Surface: 4mm (Optical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

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

Reference Value = 37.9 V/m; Power Drift = -0.143 dB

Peak SAR (extrapolated) = 2.04 W/kg

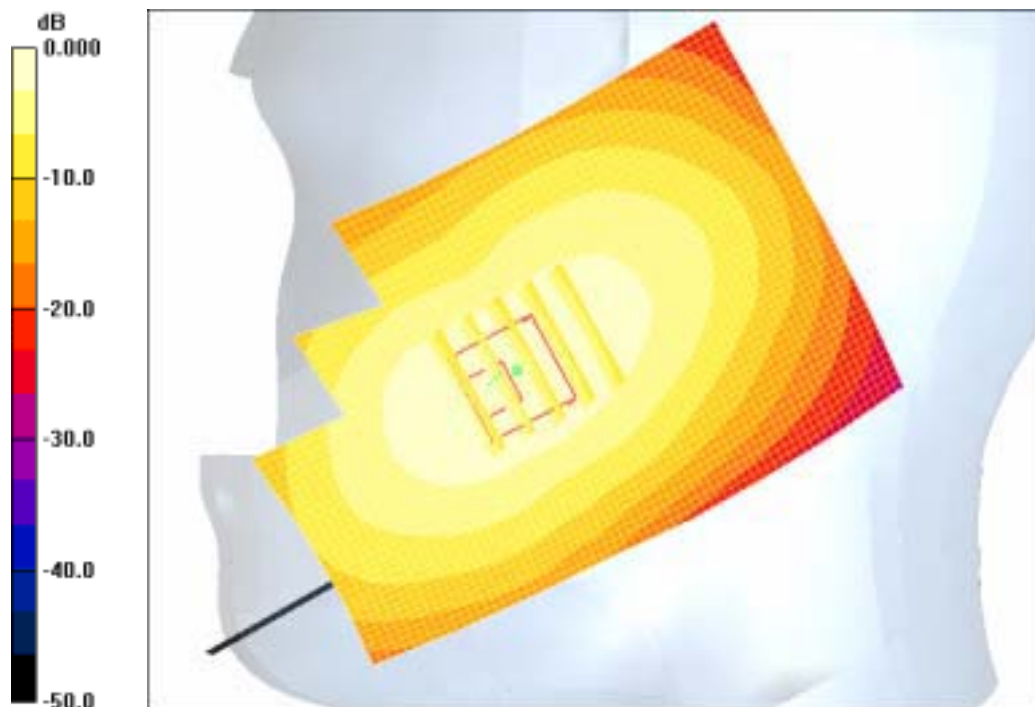
SAR(1 g) = 1.34 mW/g

Maximum value of SAR (measured) = 1.48 mW/g

Cheek/Touch, Ch.1013, Intenna, Bat. Standard With BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 1.30 mW/g



SAMSUNG FCC ID : A3LSCHU540 CDMA Head SAR

DUT: SCH-U540; Serial: FD-226-H

Program Name: SCH-U540 CDMA Right (Job No. : FD-226)

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

Meas.Tissue Temp(celsius)-21.8, Ambient Temp-21.9;Test Date-14/Nov/2006

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: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.59, 6.59, 6.59); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Optical Surface Detection)Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- 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) = 0.419 mW/g

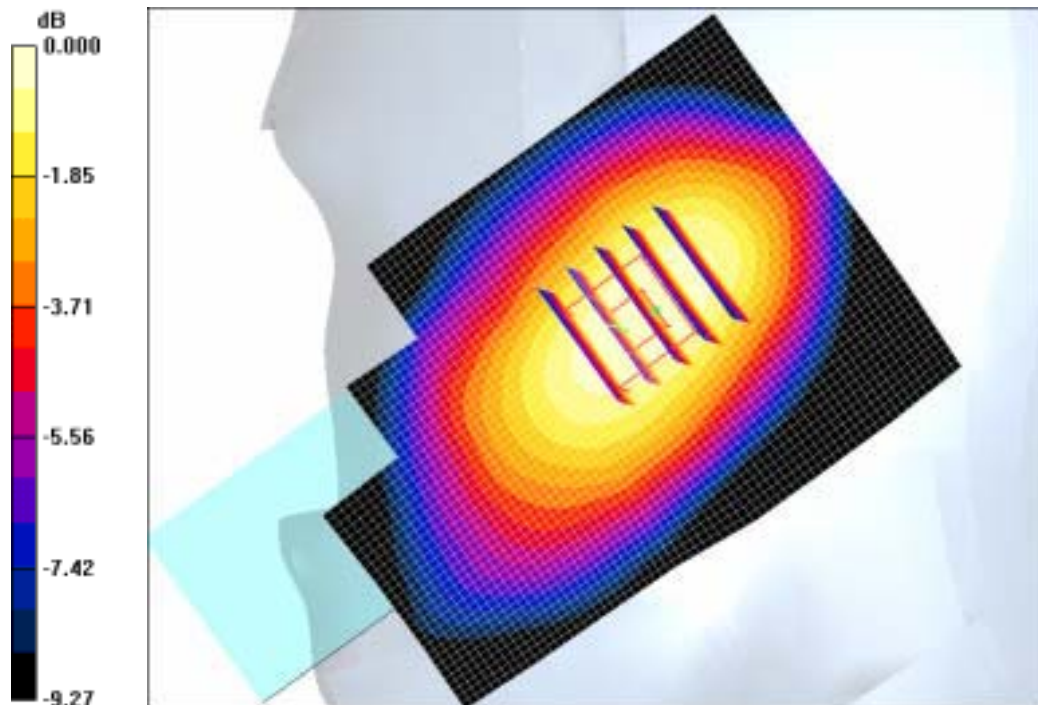
Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 20.3 V/m; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 0.497 W/kg

SAR(1 g) = 0.388 mW/g

Maximum value of SAR (measured) = 0.411 mW/g



0 dB = 0.411mW/g

SAMSUNG FCC ID : A3LSCHU540 CDMA Head SAR

DUT: SCH-U540; Serial: FD-226-H

Program Name: SCH-U540 CDMA Left (Job No. : FD-226)

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

Meas.Tissue Temp(celsius)-21.8, Ambient Temp-21.9;Test Date-14/Nov/2006

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

Medium parameters used: $f = 824.7$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.59, 6.59, 6.59); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.1013, Intenna, Bat. Standard/Zoom Scan 2 (5x5x7)/Cube 0:

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

Reference Value = 13.4 V/m; Power Drift = -0.083 dB

Peak SAR (extrapolated) = 1.87 W/kg

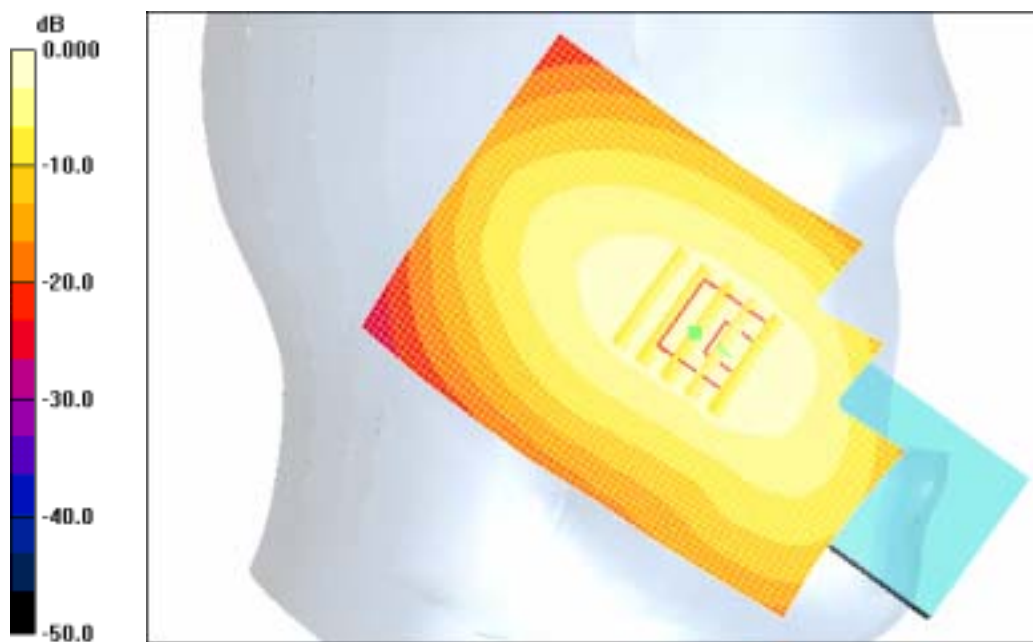
SAR(1 g) = 1.24 mW/g

Maximum value of SAR (measured) = 1.34 mW/g

Cheek/Touch, Ch.1013, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.25 mW/g



0 dB = 1.25mW/g

SAMSUNG FCC ID : A3LSCHU540 CDMA Head SAR

DUT: SCH-U540; Serial: FD-226-H

Program Name: SCH-U540 CDMA Left (Job No. : FD-226)

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

Meas.Tissue Temp(celsius)-21.8, Ambient Temp-21.9;Test Date-14/Nov/2006

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: ET3DV6 - SN1551; ConvF(6.59, 6.59, 6.59); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- 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) = 0.402 mW/g

Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement

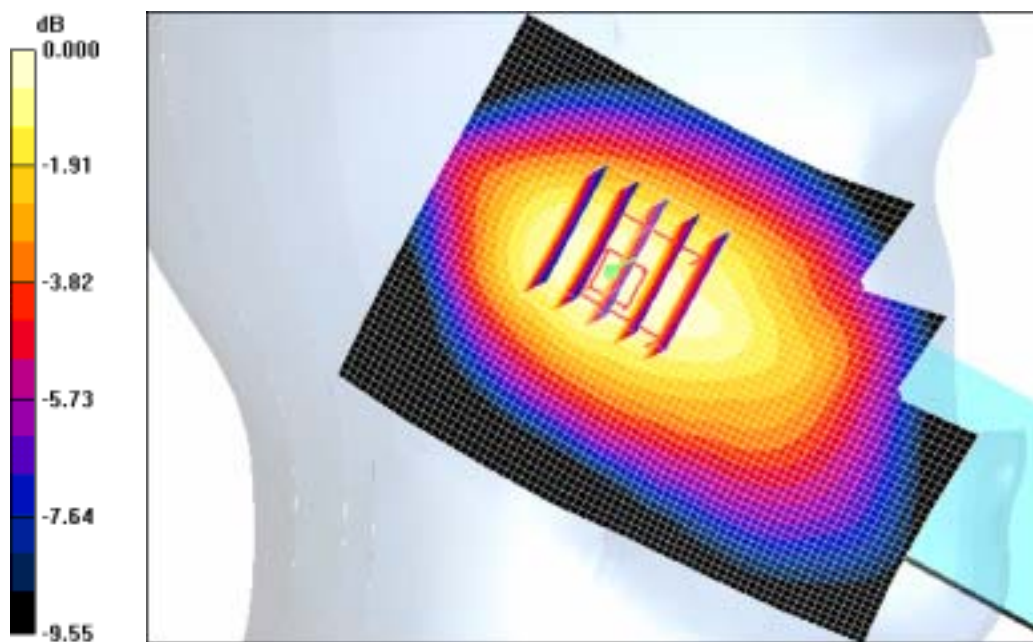
grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.6 V/m; Power Drift = 0.155 dB

Peak SAR (extrapolated) = 0.498 W/kg

SAR(1 g) = 0.381 mW/g

Maximum value of SAR (measured) = 0.403 mW/g



0 dB = 0.403mW/g

SAMSUNG FCC ID : A3LSCHU540 CDMA Body SAR

DUT: SCH-U540; Serial: FD-226-H

Program Name: SCH-U540 CDMA Body (Job No. : FD-226)

Procedure Name: Body, Ch. 1013, Ant. Intenna, Bat. Standard With BT ON

Meas.Tissue Temp(celsius)-21.7, Ambient Temp-21.9;Test Date-14/Nov/2006

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

Medium parameters used: $f = 824.7$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.41, 6.41, 6.41); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch. 1013, Ant. Intenna, Bat. Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 12.8 V/m; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 0.331 W/kg

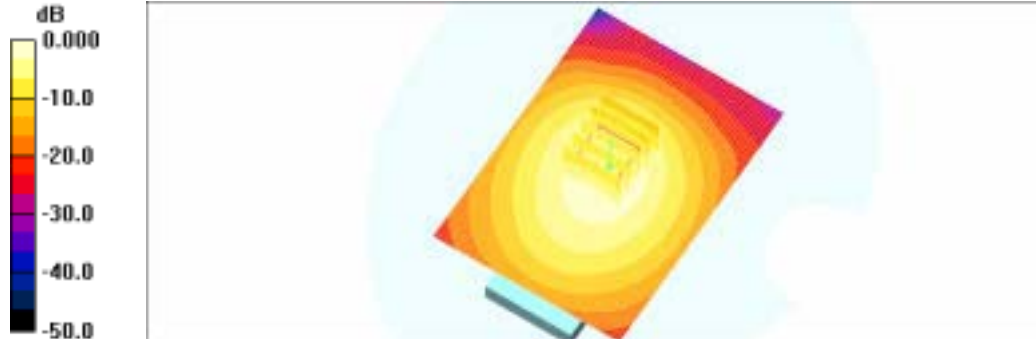
SAR(1 g) = 0.231 mW/g

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

Body, Ch. 1013, Ant. Intenna, Bat. Standard With BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 0.278 mW/g



0 dB = 0.278mW/g

SAMSUNG FCC ID : A3LSCHU540 CDMA Head SAR

DUT: SCH-U540; Serial: FD-226-H

Program Name: SCH-U540 CDMA Right (Job No. : FD-226)

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

Meas.Tissue Temp(celsius)-21.8, Ambient Temp-21.9;Test Date-14/Nov/2006

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

Medium parameters used: $f = 824.7$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.59, 6.59, 6.59); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)Sensor-Surface: 4mm (Optical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

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

Reference Value = 37.9 V/m; Power Drift = -0.143 dB

Peak SAR (extrapolated) = 2.04 W/kg

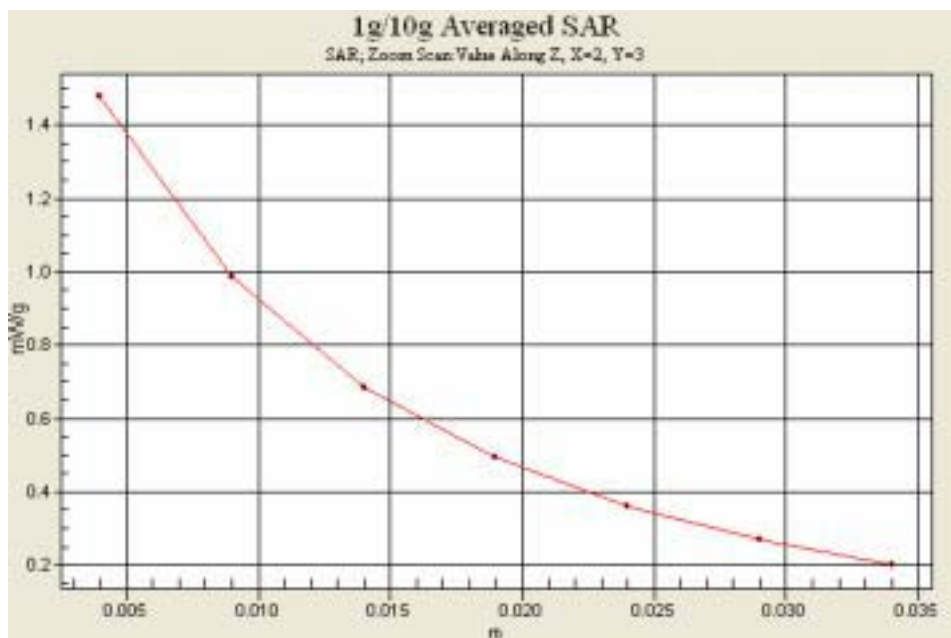
SAR(1 g) = 1.34 mW/g

Maximum value of SAR (measured) = 1.48 mW/g

Cheek/Touch, Ch.1013, Intenna, Bat. Standard With BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 1.30 mW/g



SAMSUNG FCC ID : A3LSCHU540 CDMA Body SAR

DUT: SCH-U540; Serial: FD-226-H

Program Name: SCH-U540 CDMA Body (Job No. : FD-226)

Procedure Name: Body, Ch. 1013, Ant. Intenna, Bat. Standard With BT ON

Meas.Tissue Temp(celsius)-21.7, Ambient Temp-21.9;Test Date-14/Nov/2006

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

Medium parameters used: $f = 824.7$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.41, 6.41, 6.41); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch. 1013, Ant. Intenna, Bat. Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 12.8 V/m; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 0.331 W/kg

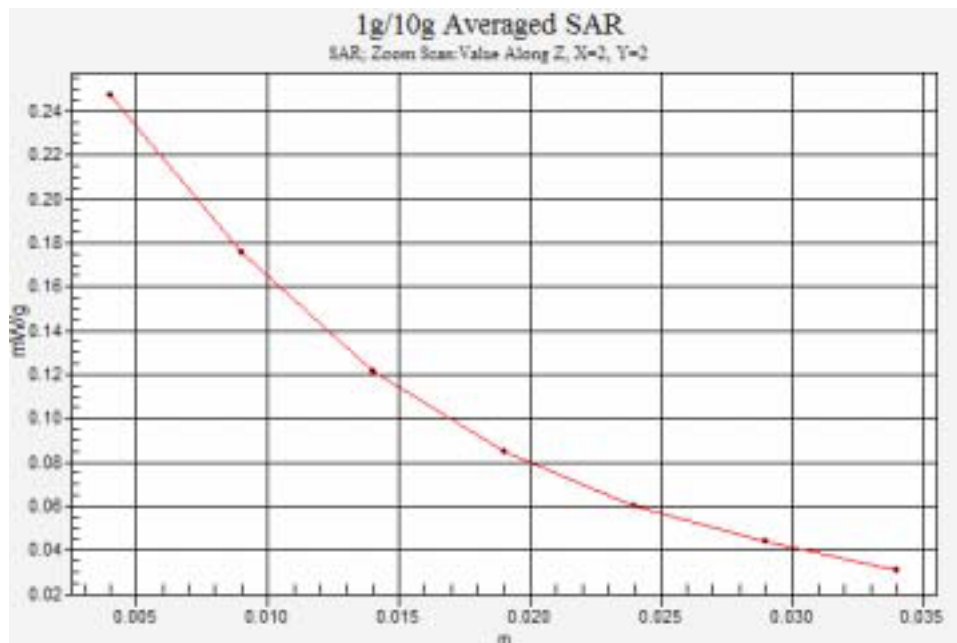
SAR(1 g) = 0.231 mW/g

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

Body, Ch. 1013, Ant. Intenna, Bat. Standard With BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 0.278 mW/g



SAMSUNG FCC ID : A3LSCHU540 PCS Head SAR

DUT: SCH-U540; Serial: FD-226-H

Program Name: SCH-U540 PCS Right (Job No. : FD-226)

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

Meas.Tissue Temp(celsius)-21.6, Ambient Temp-21.9;Test Date-15/Nov/2006

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

Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5.26, 5.26, 5.26); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

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

Reference Value = 6.53 V/m; Power Drift = -0.194 dB

Peak SAR (extrapolated) = 1.67 W/kg

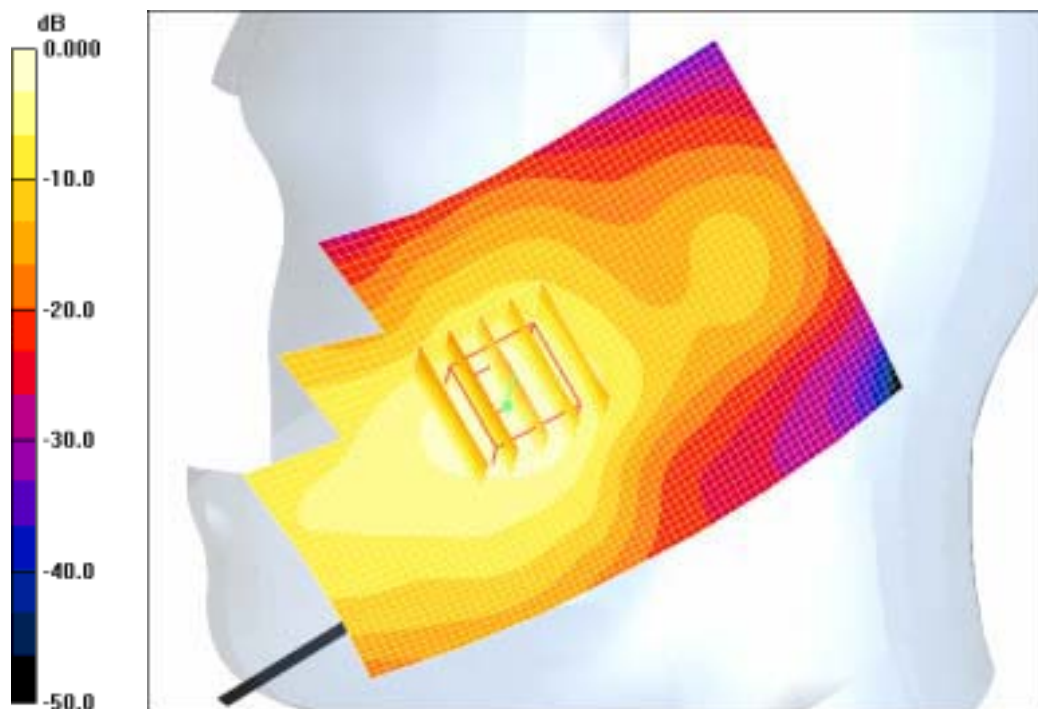
SAR(1 g) = 0.876 mW/g

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

Cheek/Touch, Ch.0025, 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 : A3LSCHU540 PCS Head SAR

DUT: SCH-U540; Serial: FD-226-H

Program Name: SCH-U540 PCS Right (Job No. : FD-226)

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

Meas.Tissue Temp(celsius)-21.6, Ambient Temp-21.9;Test Date-15/Nov/2006

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5.26, 5.26, 5.26); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Reference Value = 7.10 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 0.103 W/kg

SAR(1 g) = 0.071 mW/g

Maximum value of SAR (measured) = 0.078 mW/g

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.076 mW/g



0 dB = 0.076mW/g

SAMSUNG FCC ID : A3LSCHU540 PCS Head SAR

DUT: SCH-U540; Serial: FD-226-H

Program Name: SCH-U540 PCS Left (Job No. : FD-226)

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

Meas.Tissue Temp(celsius)-21.6, Ambient Temp-21.9;Test Date-15/Nov/2006

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5.26, 5.26, 5.26); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- 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 = 15.6 V/m; Power Drift = -0.174 dB

Peak SAR (extrapolated) = 0.980 W/kg

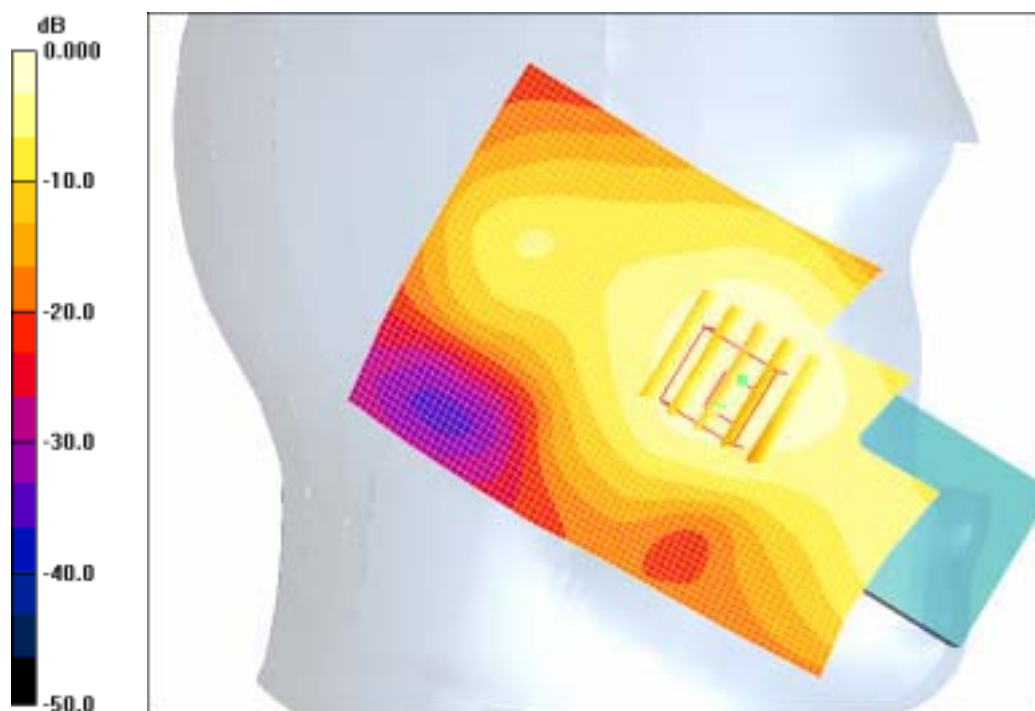
SAR(1 g) = 0.505 mW/g

Maximum value of SAR (measured) = 0.575 mW/g

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.437 mW/g



0 dB = 0.437mW/g

SAMSUNG FCC ID : A3LSCHU540 PCS Head SAR

DUT: SCH-U540; Serial: FD-226-H

Program Name: SCH-U540 PCS Left (Job No. : FD-226)

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

Meas.Tissue Temp(celsius)-21.6, Ambient Temp-21.9;Test Date-15/Nov/2006

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5.26, 5.26, 5.26); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Reference Value = 7.71 V/m; Power Drift = -0.120 dB

Peak SAR (extrapolated) = 0.142 W/kg

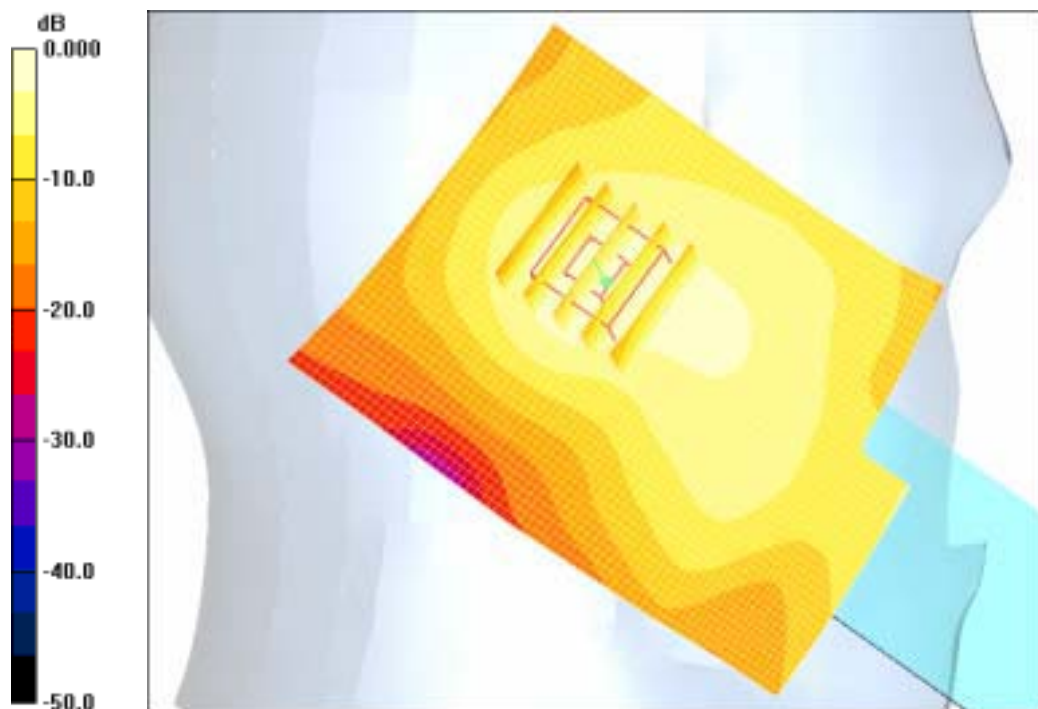
SAR(1 g) = 0.098 mW/g

Maximum value of SAR (measured) = 0.105 mW/g

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.113 mW/g



0 dB = 0.113mW/g

SAMSUNG FCC ID : A3LSCHU540 PCS Body SAR

DUT: SCH-U540(Body); Serial: FD-226-H

Program Name: SCH-U540 PCS Body (Job No. : FD-226)

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

Meas.Tissue Temp(celsius)-21.8, Ambient Temp-22.0;Test Date-15/Nov/2006

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

Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(4.52, 4.52, 4.52); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Maximum value of SAR (interpolated) = 0.458 mW/g

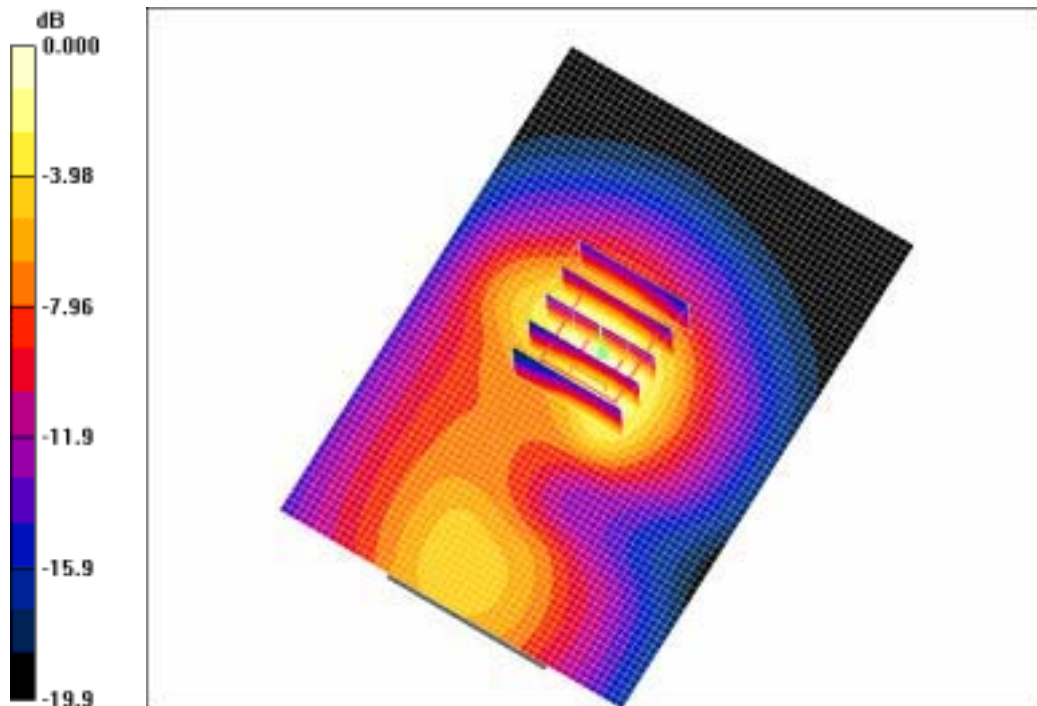
Body, Ch. 0025, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.4 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 0.835 W/kg

SAR(1 g) = 0.478 mW/g

Maximum value of SAR (measured) = 0.520 mW/g



0 dB = 0.520mW/g

SAMSUNG FCC ID : A3LSCHU540 PCS Head SAR

DUT: SCH-U540; Serial: FD-226-H

Program Name: SCH-U540 PCS Right (Job No. : FD-226)

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

Meas.Tissue Temp(celsius)-21.6, Ambient Temp-21.9;Test Date-15/Nov/2006

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

Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5.26, 5.26, 5.26); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

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

Reference Value = 6.53 V/m; Power Drift = -0.194 dB

Peak SAR (extrapolated) = 1.67 W/kg

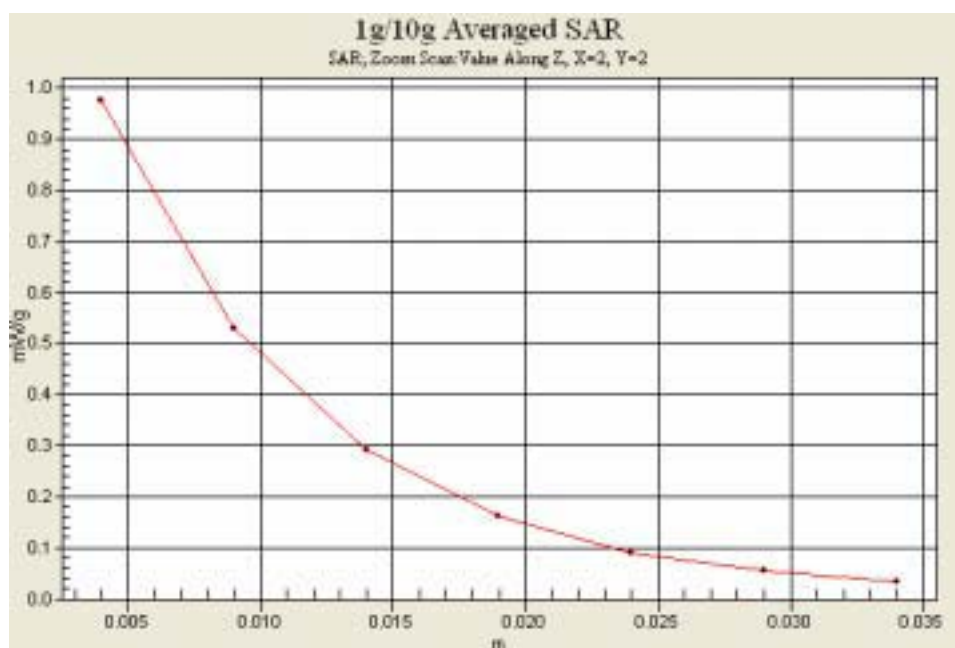
SAR(1 g) = 0.876 mW/g

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

Cheek/Touch, Ch.0025, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

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



SAMSUNG FCC ID : A3LSCHU540 PCS Body SAR

DUT: SCH-U540(Body); Serial: FD-226-H

Program Name: SCH-U540 PCS Body (Job No. : FD-226)

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

Meas.Tissue Temp(celsius)-21.8, Ambient Temp-22.0;Test Date-15/Nov/2006

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

Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(4.52, 4.52, 4.52); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Maximum value of SAR (interpolated) = 0.458 mW/g

Body, Ch. 0025, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.4 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 0.835 W/kg

SAR(1 g) = 0.478 mW/g

Maximum value of SAR (measured) = 0.520 mW/g

