

SAMSUNG FCC ID : A3LSCHU520 835MHz CDMA Head SAR

DUT: SCH-U520; Serial: FD-177-B

Program Name: SCH-U520 CDMA Right (Job No. : FD-177)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.5; Tissue Temp(celsius)-22; Test Date-14/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; $\epsilon_r = 40.8$; $\rho = 1000$ 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 #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/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.21 mW/g

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

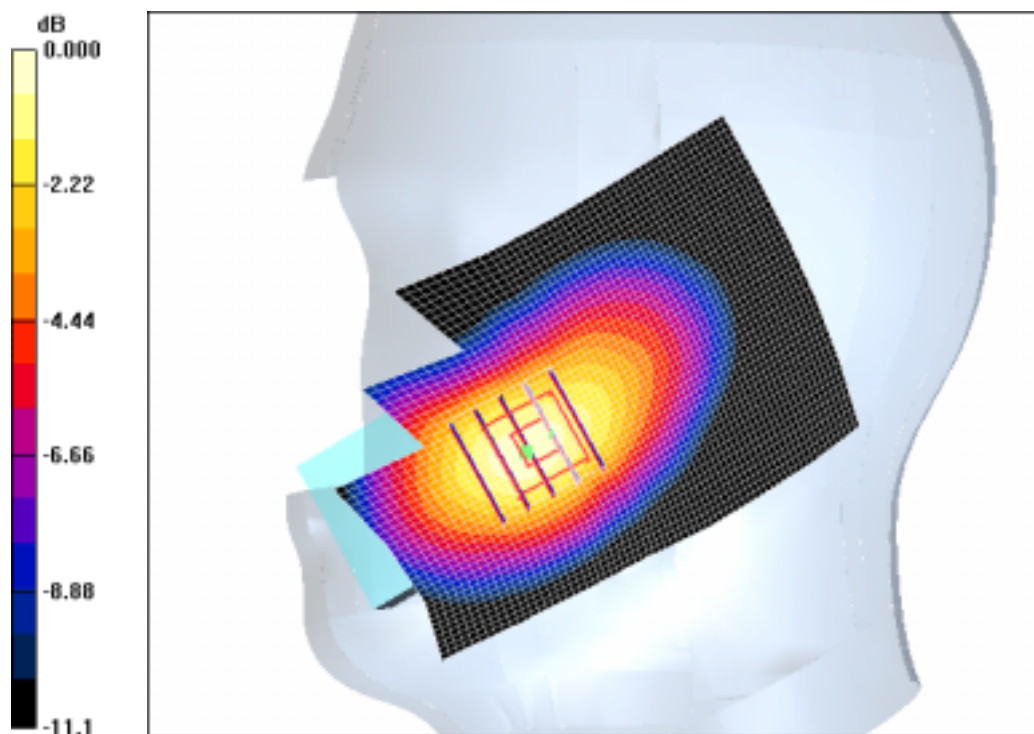
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.33 V/m; Power Drift = 0.133 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 1.17 mW/g

Maximum value of SAR (measured) = 1.24 mW/g



0 dB = 1.24mW/g

SAMSUNG FCC ID : A3LSCHU520 835MHz CDMA Head SAR

DUT: SCH-U520; Serial: FD-177-B

Program Name: SCH-U520 CDMA Right (Job No. : FD-177)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.5; Tissue Temp(celsius)-22; Test Date-14/Sep/2006 [OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 40.8$; $\rho = 1000 \text{ kg/m}^3$

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) = 0.362 mW/g

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

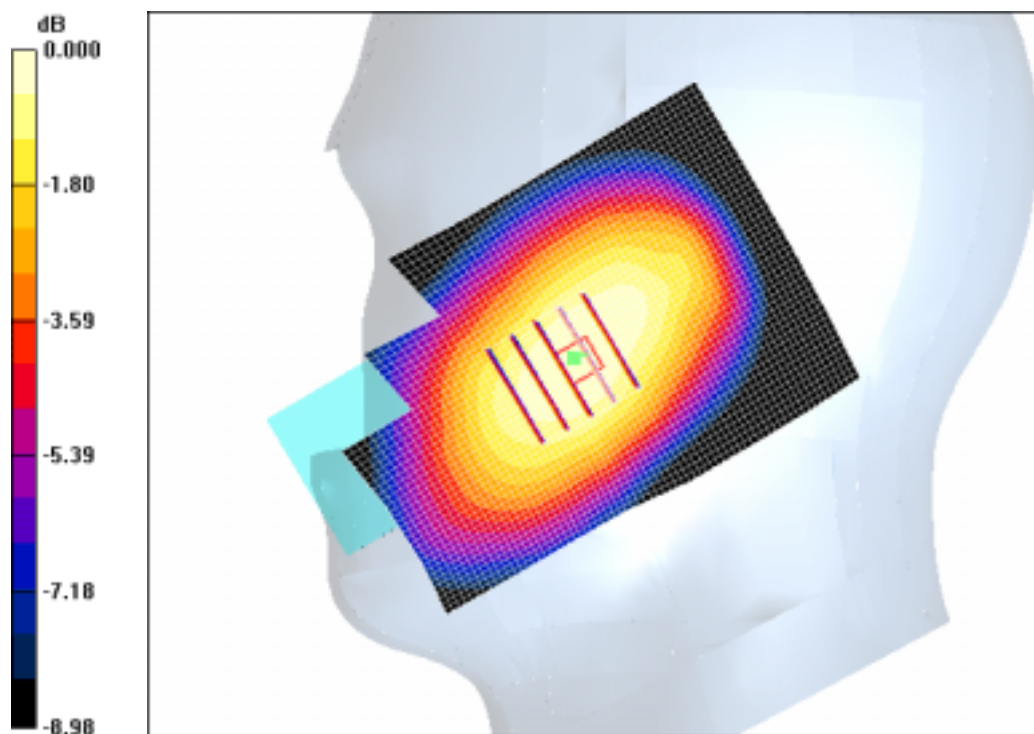
grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.0 V/m; Power Drift = -0.178 dB

Peak SAR (extrapolated) = 0.423 W/kg

SAR(1 g) = 0.332 mW/g

Maximum value of SAR (measured) = 0.349 mW/g



0 dB = 0.349mW/g

SAMSUNG FCC ID : A3LSCHU520 835MHz CDMA Head SAR

DUT: SCH-U520; Serial: FD-177-B

Program Name: SCH-U520 CDMA Left (Job No. : FD-177)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.5; Tissue Temp(celsius)-22; Test Date-14/Sep/2006 [OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 40.8$; $\rho = 1000 \text{ kg/m}^3$

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

Cheek/Touch, Ch.0384, Intenna, Bat. Standard with BT ON/Area Scan (51x71x1):

Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.41 mW/g

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

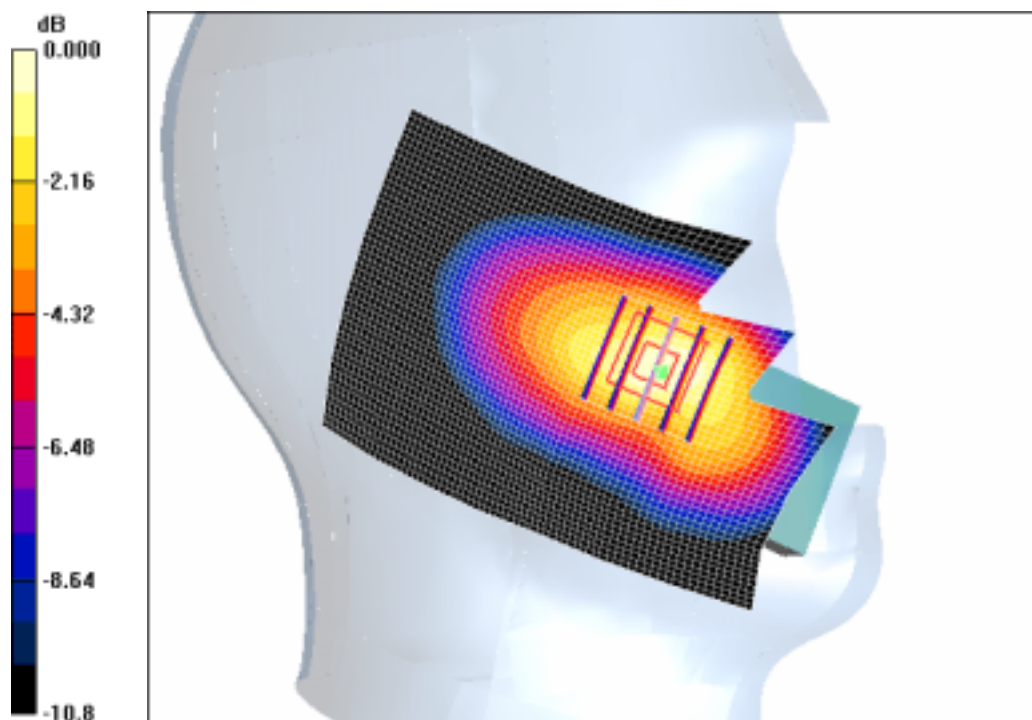
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 30.7 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 1.3 mW/g

Maximum value of SAR (measured) = 1.39 mW/g



0 dB = 1.39mW/g

SAMSUNG FCC ID : A3LSCHU520 835MHz CDMA Head SAR

DUT: SCH-U520; Serial: FD-177-B

Program Name: SCH-U520 CDMA Left (Job No. : FD-177)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.5; Tissue Temp(celsius)-22; Test Date-14/Jul/2006 [OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 40.8$; $\rho = 1000 \text{ kg/m}^3$

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/Area Scan (51x71x1): Measurement grid:

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

Maximum value of SAR (interpolated) = 0.309 mW/g

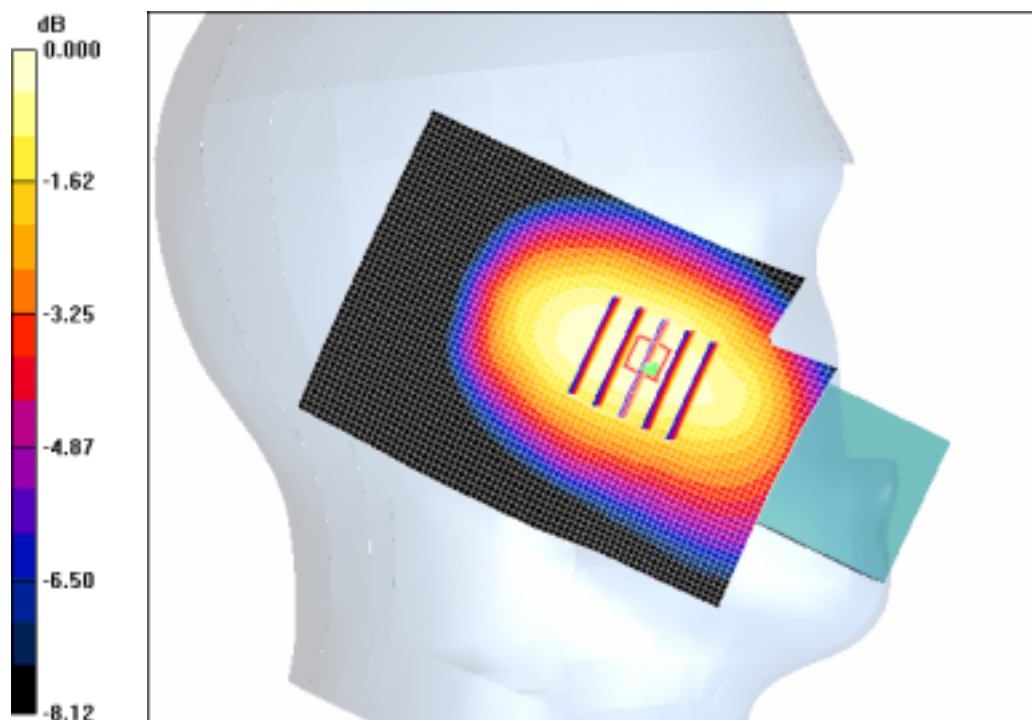
Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.2 V/m; Power Drift = -0.066 dB

Peak SAR (extrapolated) = 0.365 W/kg

SAR(1 g) = 0.286 mW/g

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



0 dB = 0.298mW/g

SAMSUNG FCC ID : A3LSCHU510 835MHz CDMA Head SAR

DUT: SCH-U520; Serial: FD-177-B

Program Name: SCH-U520 CDMA Left (Job No. : FD-177)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.5; Tissue Temp(celsius)-22; Test Date-14/Sep/2006 [OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 40.8$; $\rho = 1000 \text{ kg/m}^3$

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

Cheek/Touch, Ch.0384, Intenna, Bat. Standard with BT ON/Area Scan (51x71x1):

Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.41 mW/g

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

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

Reference Value = 30.7 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 1.3 mW/g

Maximum value of SAR (measured) = 1.39 mW/g



SAMSUNG FCC ID : A3LSCHU520 835MHz CDMA Body SAR

DUT: SCH-U520(Body); Serial: FD-177-B

Program Name: SCH-U520 CDMA Body (Job No. : FD-177)

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

Procedure Notes: Meas. Ambient Temp(celsius)-21.9; Tissue Temp(celsius)-21.5; Test Date-14/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; $\sigma = 0.98$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ 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. 0384, Ant. Intenna, Bat. Standard With BT On/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 0.753 mW/g

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

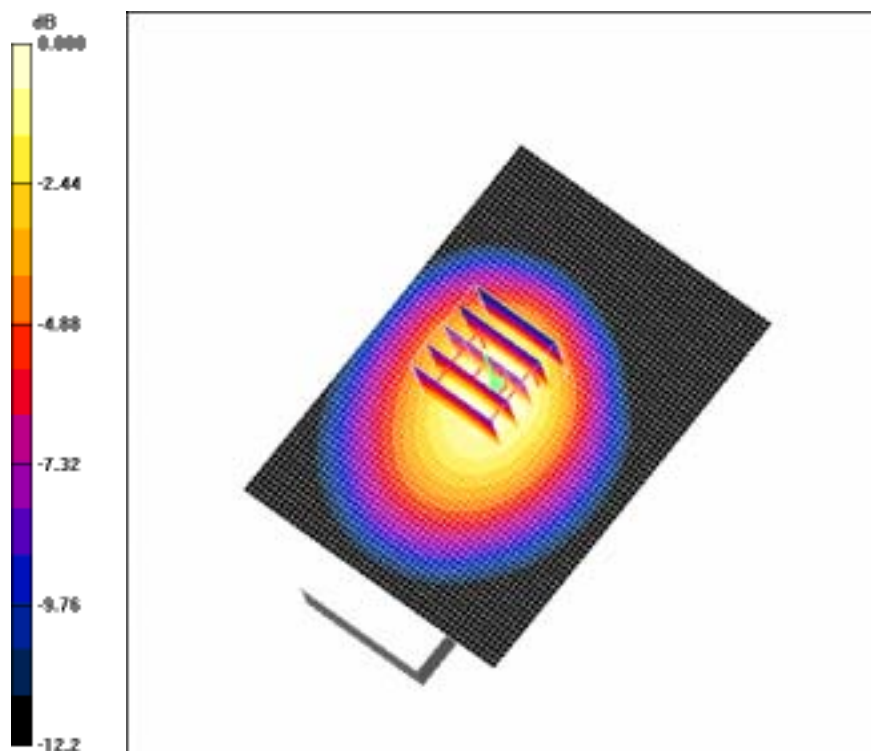
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.4 V/m; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 0.943 W/kg

SAR(1 g) = 0.648 mW/g

Maximum value of SAR (measured) = 0.697 mW/g



0 dB = 0.697mW/g

SAMSUNG FCC ID : A3LSCHU510 835MHz CDMA Body SAR

DUT: SCH-U520(Body); Serial: FD-177-B

Program Name: SCH-U520 CDMA Body (Job No. : FD-177)

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

Procedure Notes: Meas. Ambient Temp(celsius)-21.9; Tissue Temp(celsius)-21.5; Test Date-14/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; $\sigma = 0.98$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ 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. 0384, Ant. Intenna, Bat. Standard With BT On/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 0.753 mW/g

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

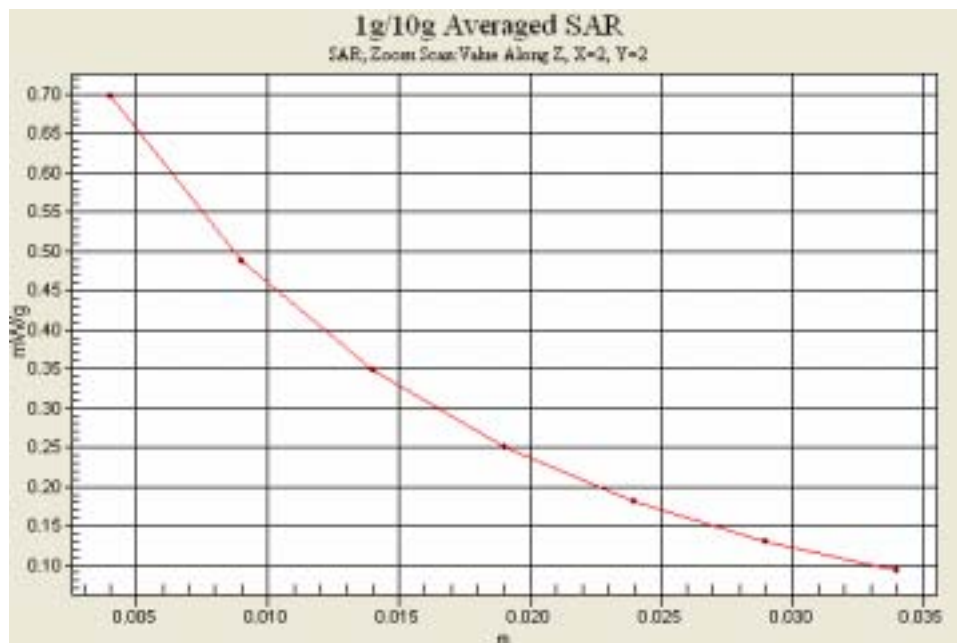
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.4 V/m; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 0.943 W/kg

SAR(1 g) = 0.648 mW/g

Maximum value of SAR (measured) = 0.697 mW/g



SAMSUNG FCC ID : A3LSCHU520 1900MHz PCS HEAD SAR

DUT: SCH-U520; Serial: FD-177-B

Program Name: SCH-U520 PCS Right (Job No. : FD-177)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.3; Tissue Temp(celsius)-21.8; Test Date-14/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; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ 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.1175, Intenna, Bat. Standard /Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 4.73 V/m; Power Drift = 0.033 dB

Peak SAR (extrapolated) = 1.32 W/kg

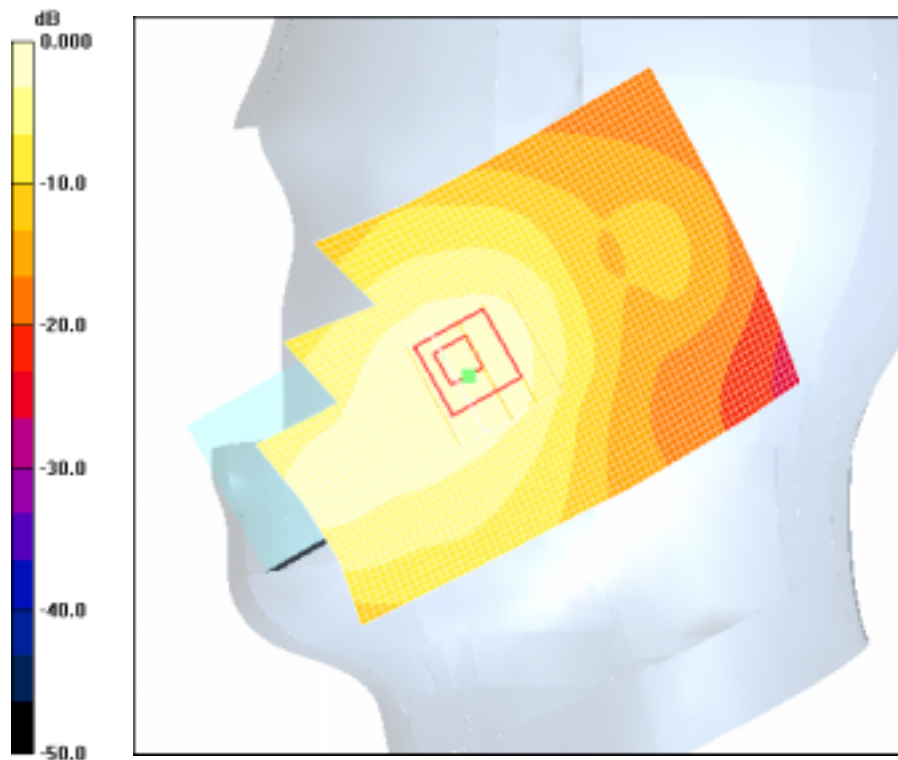
SAR(1 g) = 0.731 mW/g

Maximum value of SAR (measured) = 0.770 mW/g

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

grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.815 mW/g



0 dB = 0.657mW/g

SAMSUNG FCC ID : A3LSCHU520 1900MHz PCS HEAD SAR

DUT: SCH-U520; Serial: FD-177-B

Program Name: SCH-U520 PCS Right (Job No. : FD-177)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.8; Tissue Temp(celsius)-21.7; Test Date-14/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; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ 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/Area Scan (51x71x1): Measurement grid:

$dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 0.025 mW/g

Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement

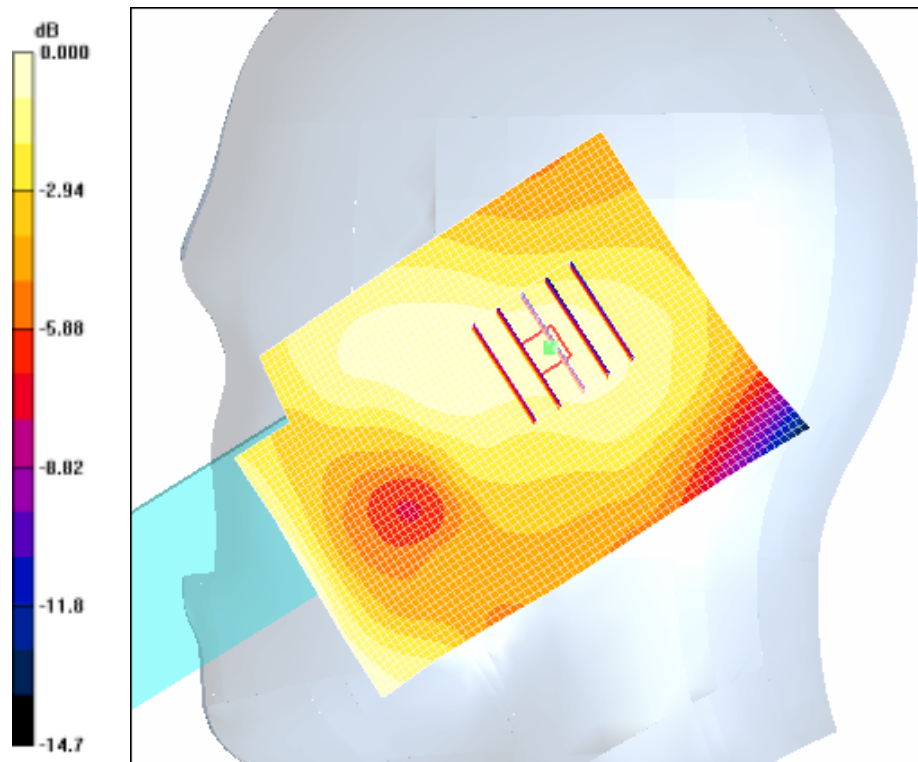
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.46 V/m; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 0.037 W/kg

SAR(1 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.026 mW/g



0 dB = 0.026mW/g

SAMSUNG FCC ID : A3LSCHU520 1900MHz PCS HEAD SAR

DUT: SCH-U520; Serial: FD-177-B

Program Name: SCH-U520 PCS Left (Job No. : FD-177)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.3; Tissue Temp(celsius)-21.8; Test Date-14/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; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ 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 = 6.69 V/m; Power Drift = 0.092 dB

Peak SAR (extrapolated) = 1.13 W/kg

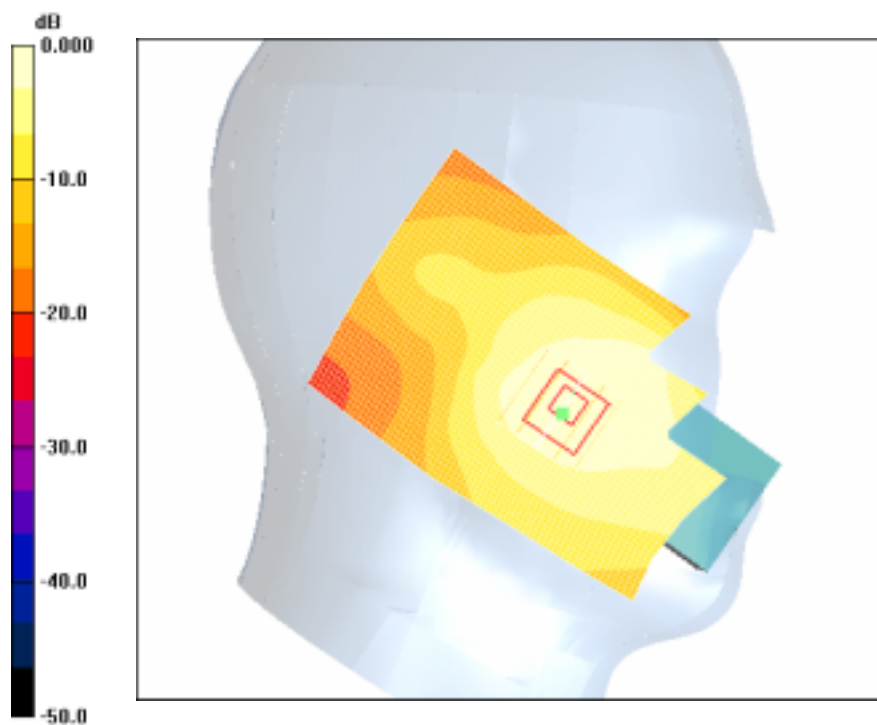
SAR(1 g) = 0.596 mW/g

Maximum value of SAR (measured) = 0.629 mW/g

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.544 mW/g



0 dB = 0.544mW/g

SAMSUNG FCC ID : A3LSU520 1900MHz PCS HEAD SAR

DUT: SCH-U520; Serial: FD-177-B

Program Name: SCH-U520 PCS Left (Job No. : FD-177)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.3; Tissue Temp(celsius)-21.8; Test Date-14/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; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ 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) = 0.047 mW/g

Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement

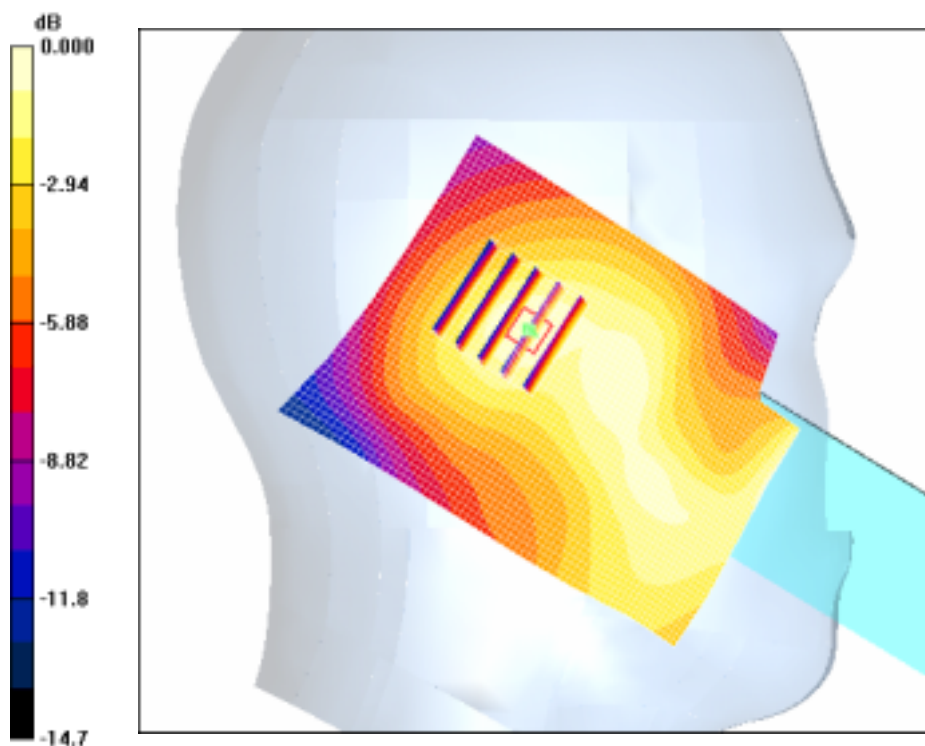
grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.90 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 0.065 W/kg

SAR(1 g) = 0.044 mW/g

Maximum value of SAR (measured) = 0.047 mW/g



0 dB = 0.047mW/g

SAMSUNG FCC ID : A3LSCHU520 1900MHz PCS Head SAR

DUT: SCH-U520; Serial: FD-177-B

Program Name: SCH-U520 PCS Right (Job No. : FD-177)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.3; Tissue Temp(celsius)-21.8; Test Date-14/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; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ 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.1175, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 4.73 V/m; Power Drift = 0.033 dB

Peak SAR (extrapolated) = 1.40 W/kg

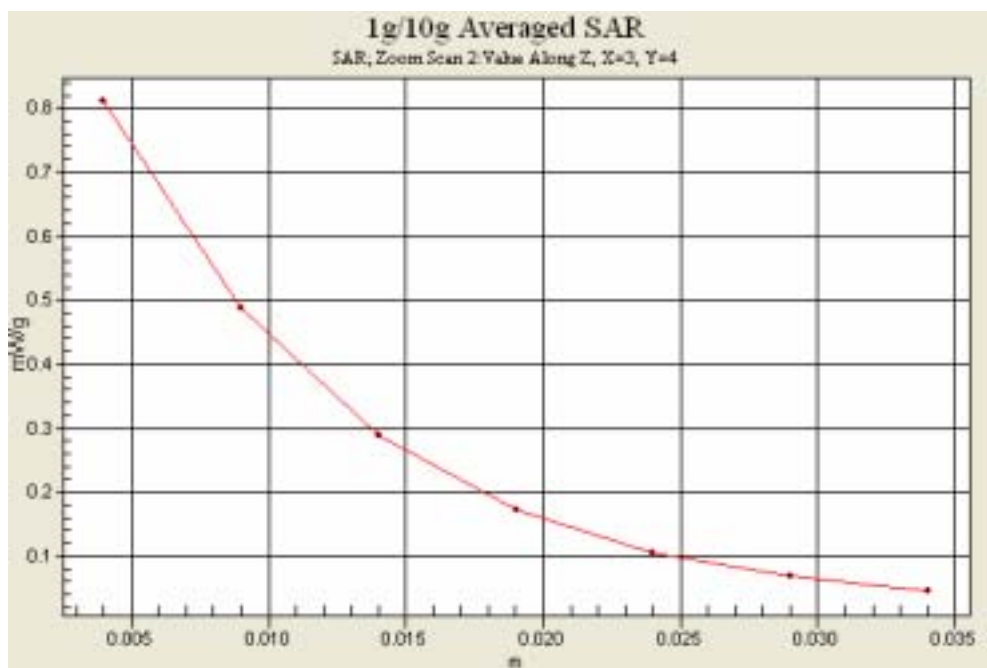
SAR(1 g) = 0.731 mW/g

Maximum value of SAR (measured) = 0.810 mW/g

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.815 mW/g



SAMSUNG FCC ID : A3LSCHU520 1900MHz PCS Body SAR

DUT: SCH-U520(Body); Serial: FD-177-B

Program Name: SCH-U520 PCS Body (Job No. : FD-177)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.7; Test Date-14/Sep/2006[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 51.8$; $\rho = 1000 \text{ kg/m}^3$

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 With BT ON/Area Scan (51x71x1):

Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.803 mW/g

Body, Ch. 0600, Ant. Intenna, Bat. Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:

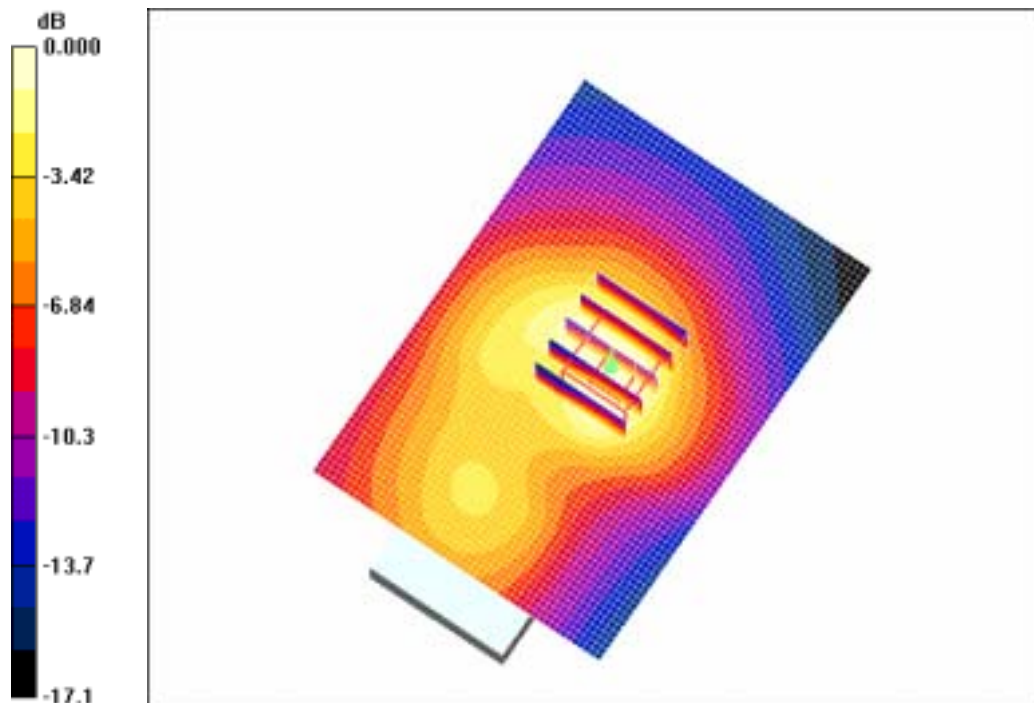
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.8 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.663 mW/g

Maximum value of SAR (measured) = 0.716 mW/g



0 dB = 0.716mW/g

SAMSUNG FCC ID : A3LSCHU520 1900MHz GPRS1900 Body SAR

DUT: SCH-U520(Body); Serial: FD-177-B

Program Name: SCH-U520 PCS Body (Job No. : FD-177)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.7; Test Date-14/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; $\sigma = 1.5$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ 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 With BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 0.803 mW/g

Body, Ch. 0600, Ant. Intenna, Bat. Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 22.8 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.663 mW/g

Maximum value of SAR (measured) = 0.716 mW/g

