

SAMSUNG FCC ID : A3LSCHN330 -- 835MHz CDMA Head SAR

DUT: SCH-N330(UP); Serial: FB-047-C

Program Name: SCH-N330 CDMA Right Slide Up(Job No.: FB-047)

Procedure Name: Cheek/Touch, Ch.777, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-20.7;Test Date-29/July/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.88 \text{ mho/m}$; $\epsilon_r = 41.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.54, 6.54, 6.54); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Cheek/Touch, Ch.777, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

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

Reference Value = 24.7 V/m ; Power Drift = 0.0 dB

Maximum value of SAR (interpolated) = 1.51 mW/g

Cheek/Touch, Ch.777, Ant.Intenna, Bat.Standard/Zoom Scan

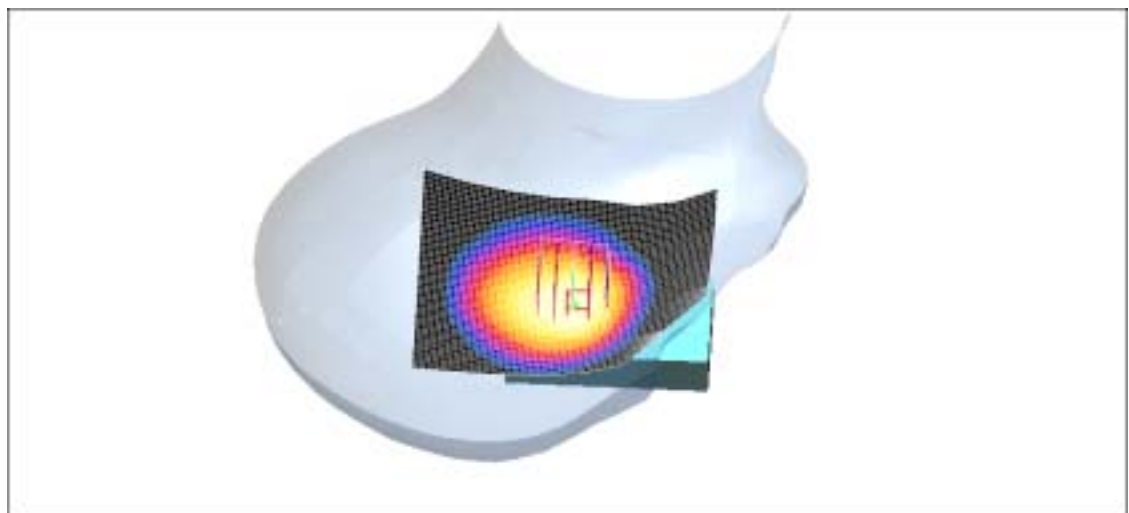
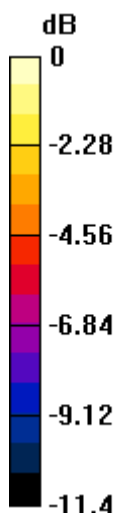
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 24.7 V/m ; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 1.31 mW/g

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 1.26 mW/g



0 dB = 1.31 mW/g

SAMSUNG FCC ID : A3LSCHN330 -- 835MHz CDMA Head SAR

DUT: SCH-N330(DOWN); Serial: FB-047-C

Program Name: SCH-N330 CDMA Right Slide Down(Job No.: FB-047)

Procedure Name: Ear/Tilt, Ch.363, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-20.7;Test Date-29/July/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 835.89 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 835.89$ MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.54, 6.54, 6.54); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Ear/Tilt, Ch.363, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

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

Reference Value = 20.5 V/m; Power Drift = 0.1 dB

Maximum value of SAR (interpolated) = 0.420 mW/g

Ear/Tilt, Ch.363, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

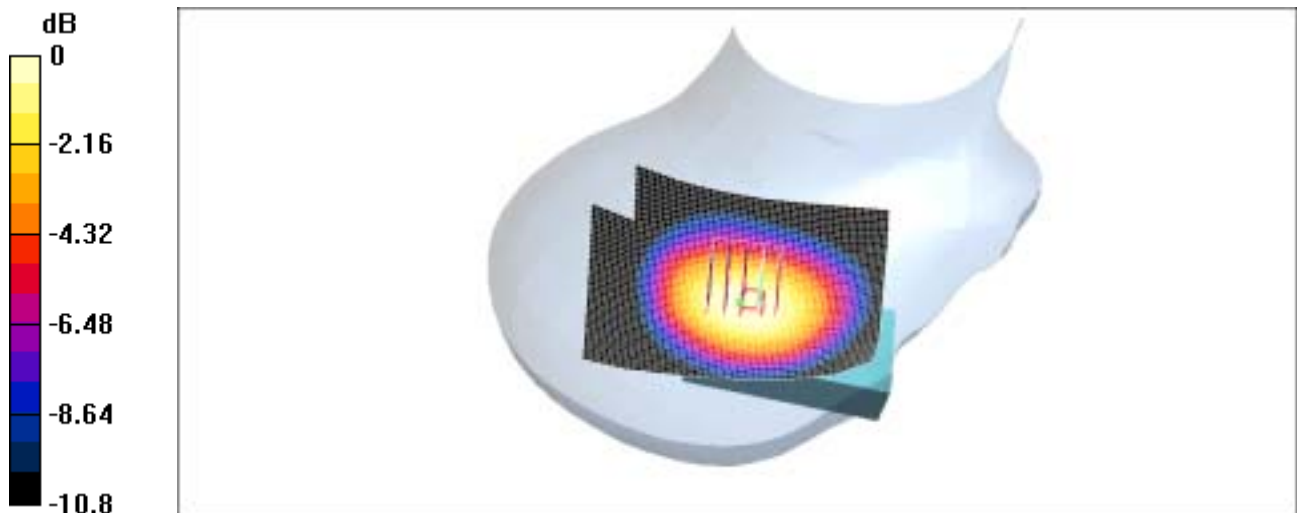
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.5 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.404 mW/g

Peak SAR (extrapolated) = 0.509 W/kg

SAR(1 g) = 0.381 mW/g



0 dB = 0.404mW/g

SAMSUNG FCC ID : A3LSCHN330 -- 835MHz CDMA Head SAR

DUT: SCH-N330(DOWN); Serial: FB-047-C

Program Name: SCH-N330 CDMA Left Slide Down(Job No.: FB-047)

Procedure Name: Cheek/Touch, Ch.777, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-20.7;Test Date-29/July/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.88 \text{ mho/m}$; $\epsilon_r = 41.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.54, 6.54, 6.54); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Cheek/Touch, Ch.777, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

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

Reference Value = 31.2 V/m ; Power Drift = 0.1 dB

Maximum value of SAR (interpolated) = 1.35 mW/g

Cheek/Touch, Ch.777, Ant.Intenna, Bat.Standard/Zoom Scan

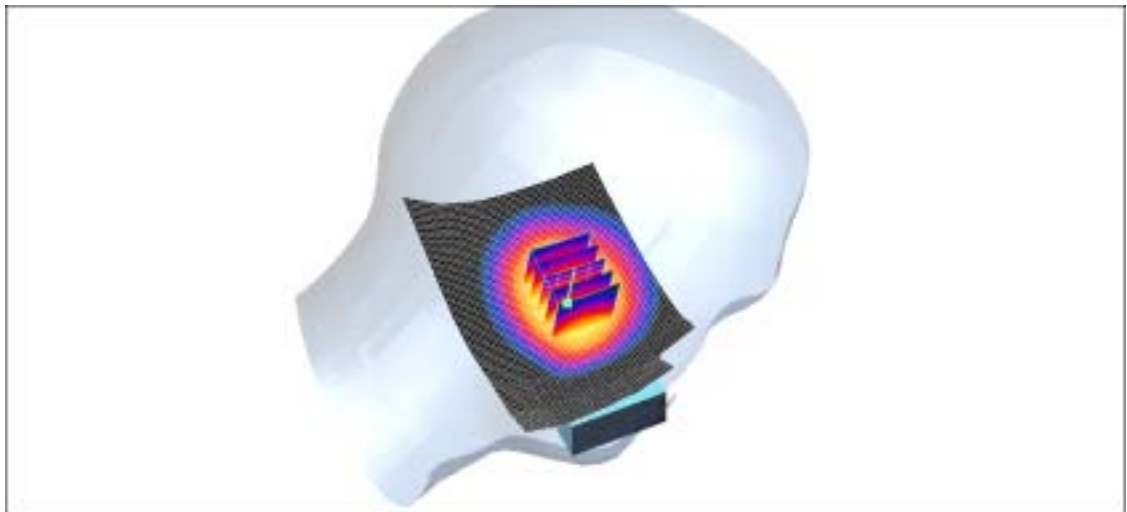
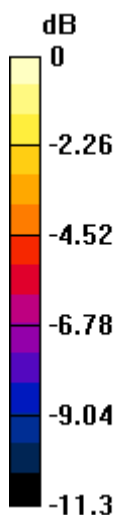
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 31.2 V/m ; Power Drift = 0.1 dB

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

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 1.26 mW/g



0 dB = 1.34mW/g

SAMSUNG FCC ID : A3LSCHN330 -- 835MHz CDMA Head SAR

DUT: SCH-N330(DOWN); Serial: FB-047-C

Program Name: SCH-N330 CDMA Left Slide Down(Job No.: FB-047)

Procedure Name: Ear/Tilt, Ch.363, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-20.7;Test Date-29/July/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 835.89 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 835.89$ MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.54, 6.54, 6.54); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Ear/Tilt, Ch.363, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

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

Reference Value = 21.9 V/m; Power Drift = 0.1 dB

Maximum value of SAR (interpolated) = 0.471 mW/g

Ear/Tilt, Ch.363, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

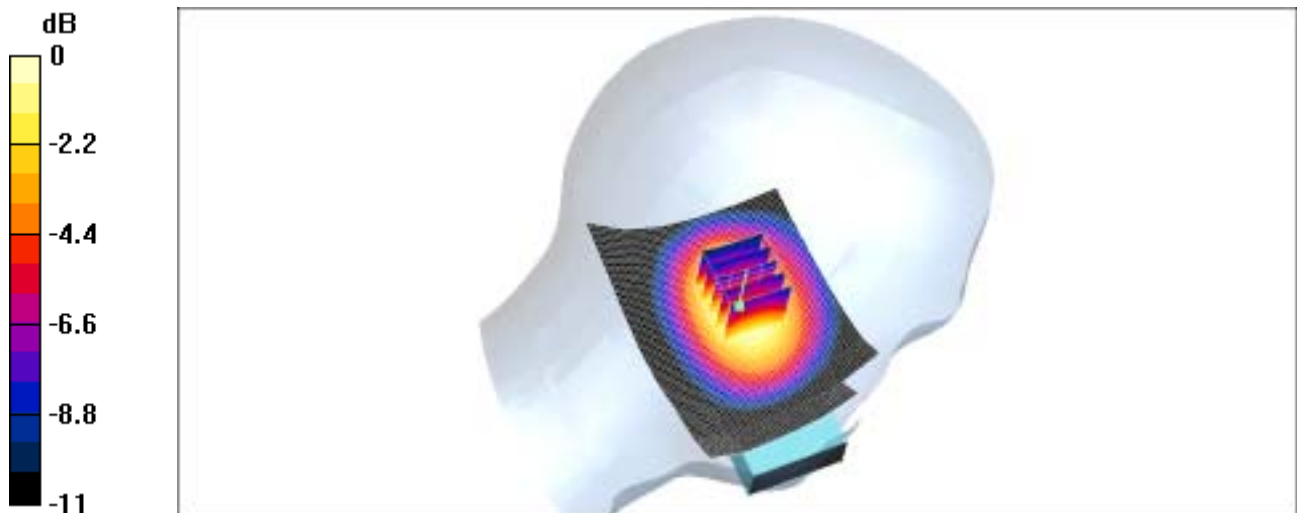
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.9 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.445 mW/g

Peak SAR (extrapolated) = 0.565 W/kg

SAR(1 g) = 0.419 mW/g



0 dB = 0.445mW/g

SAMSUNG FCC ID : A3LSCHN330 -- 1900MHz PCS CDMA Head SAR

DUT: SCH-N330(UP); Serial: FB-047-C

Program Name: SCH-N330 PCS Right Slide Up(Job No.: FB-047)

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

Procedure Notes: Meas.Tissue Temp(celsius)-20.9;Test Date-30/July/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 39.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5, 5, 5); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

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

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

Reference Value = 20.4 V/m ; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.584 mW/g

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

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

Reference Value = 20.4 V/m ; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.573 mW/g

Peak SAR (extrapolated) = 0.739 W/kg

SAR(1 g) = 0.523 mW/g

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

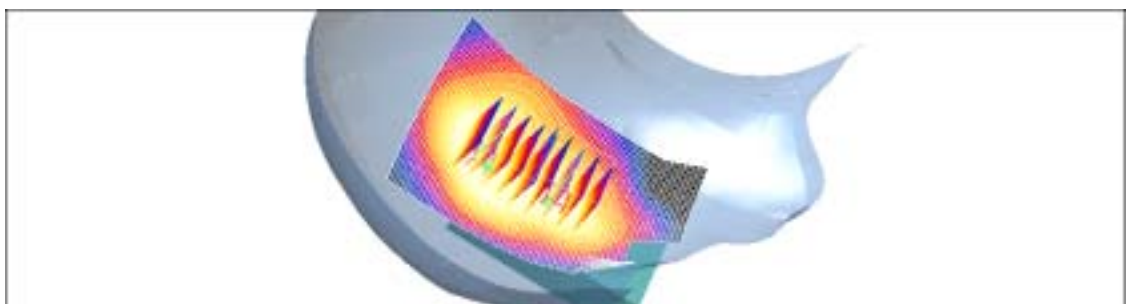
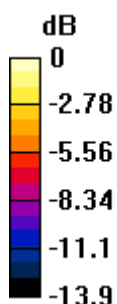
(5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 20.4 V/m ; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.390 mW/g

Peak SAR (extrapolated) = 0.522 W/kg

SAR(1 g) = 0.350 mW/g



0 dB = 0.390mW/g

SAMSUNG FCC ID : A3LSCHN330 -- 1900MHz PCS CDMA Head SAR

DUT: SCH-N330(DOWN); Serial: FB-047-C

Program Name: SCH-N330 PCS Right Slide Down(Job No.: FB-047)

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

Procedure Notes: Meas.Tissue Temp(celsius)-20.9;Test Date-30/July/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 39.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5, 5, 5); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

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

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

Reference Value = 13.3 V/m ; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.306 mW/g

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

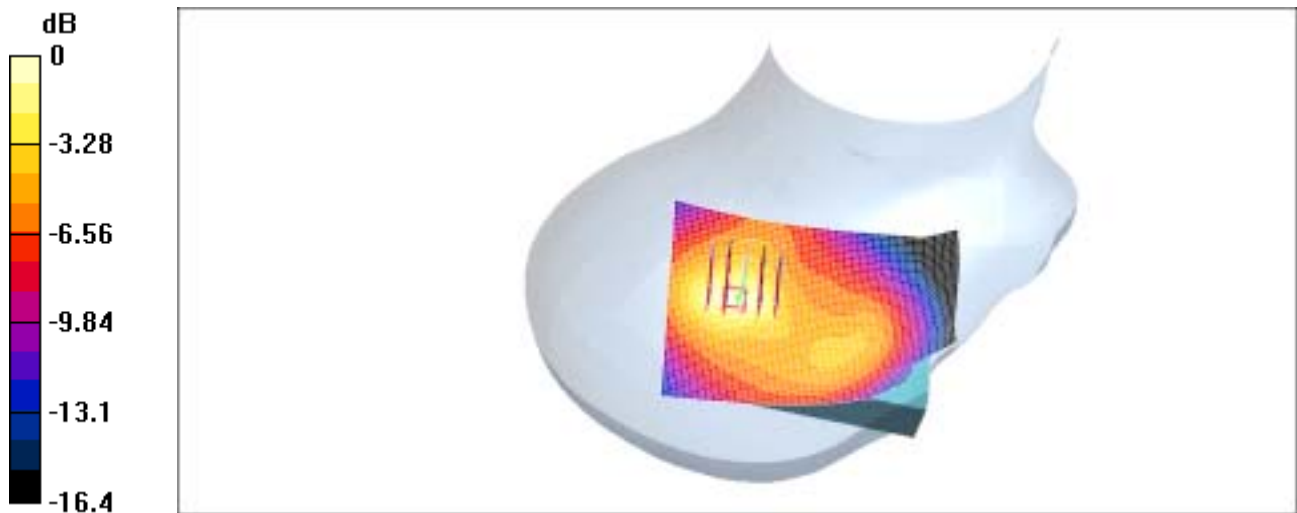
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.3 V/m ; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.342 mW/g

Peak SAR (extrapolated) = 0.515 W/kg

SAR(1 g) = 0.306 mW/g



0 dB = 0.342 mW/g

SAMSUNG FCC ID : A3LSCHN330 -- 1900MHz PCS CDMA Head SAR

DUT: SCH-N330(DOWN); Serial: FB-047-C

Program Name: SCH-N330 PCS Left Slide Down(Job No.: FB-047)

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

Procedure Notes: Meas.Tissue Temp(celsius)-20.9;Test Date-30/July/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1908.75 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 39.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5, 5, 5); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

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

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

Reference Value = 12.1 V/m ; Power Drift = -0.0 dB

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

Cheek/Touch, Ch.1175, Ant.Intenna, Bat.Standard/Zoom Scan

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

Reference Value = 12.1 V/m ; Power Drift = -0.0 dB

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

Peak SAR (extrapolated) = 0.870 W/kg

SAR(1 g) = 0.492 mW/g

Cheek/Touch, Ch.1175, Ant.Intenna, Bat.Standard/Zoom Scan

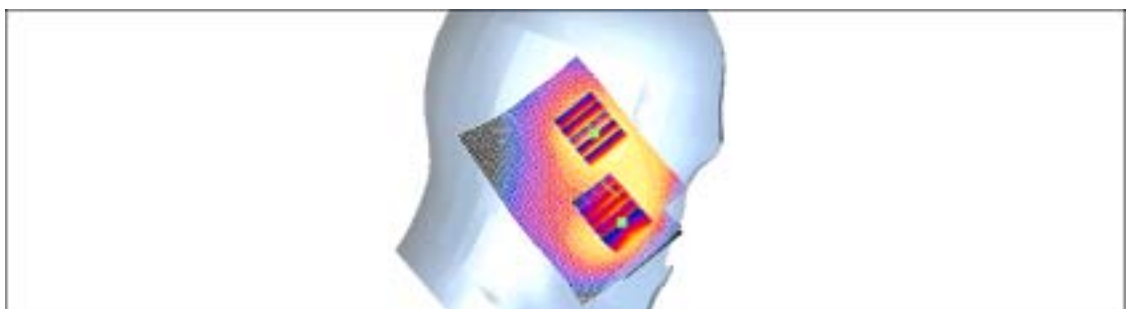
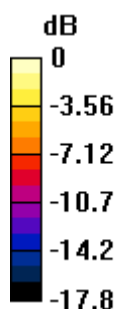
(5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.1 V/m ; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.526 mW/g

Peak SAR (extrapolated) = 0.783 W/kg

SAR(1 g) = 0.458 mW/g



0 dB = 0.526 mW/g

SAMSUNG FCC ID : A3LSCHN330 -- 1900MHz PCS CDMA Head SAR

DUT: SCH-N330(DOWN); Serial: FB-047-C

Program Name: SCH-N330 PCS Left Slide Down(Job No.: FB-047)

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

Procedure Notes: Meas.Tissue Temp(celsius)-20.9;Test Date-30/July/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 39.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5, 5, 5); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

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

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

Reference Value = 14.5 V/m ; Power Drift = 0.2 dB

Maximum value of SAR (interpolated) = 0.486 mW/g

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

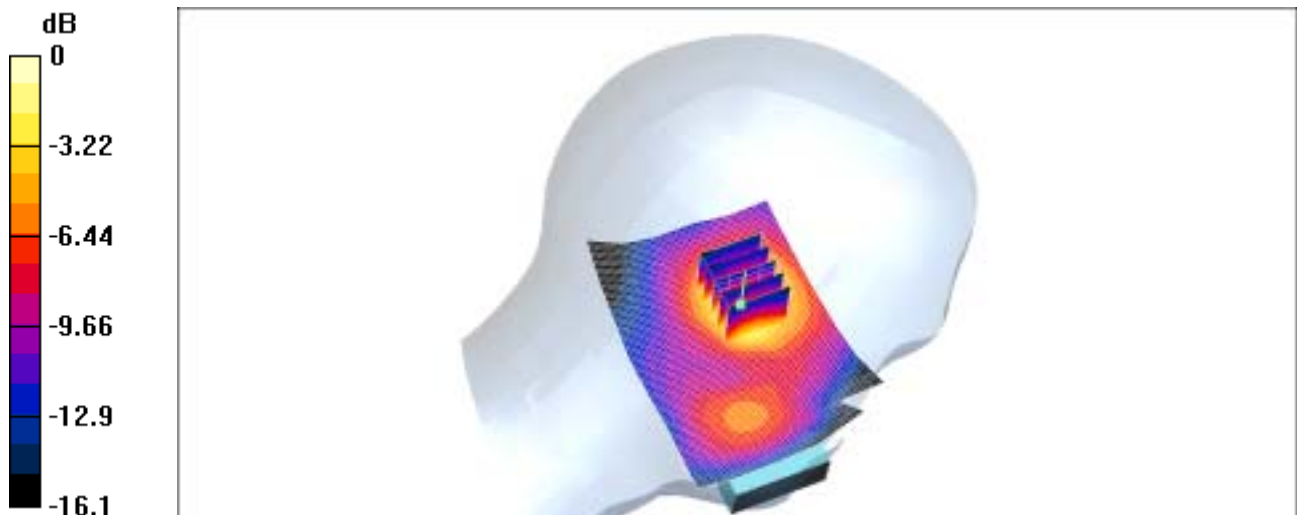
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.5 V/m ; Power Drift = 0.2 dB

Maximum value of SAR (measured) = 0.534 mW/g

Peak SAR (extrapolated) = 0.844 W/kg

SAR(1 g) = 0.496 mW/g



0 dB = 0.534 mW/g

SAMSUNG FCC ID : A3LSCHN330 -- 835MHz CDMA Head SAR

DUT: SCH-N330(UP); Serial: FB-047-C

Program Name: SCH-N330 CDMA Right Slide Up(Job No.: FB-047)

Procedure Name: Cheek/Touch, Ch.777, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-20.7;Test Date-29/July/2004[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; $\sigma = 0.88$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.54, 6.54, 6.54); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Cheek/Touch, Ch.777, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

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

Reference Value = 24.7 V/m; Power Drift = 0.0 dB

Maximum value of SAR (interpolated) = 1.51 mW/g

Cheek/Touch, Ch.777, Ant.Intenna, Bat.Standard/Zoom Scan

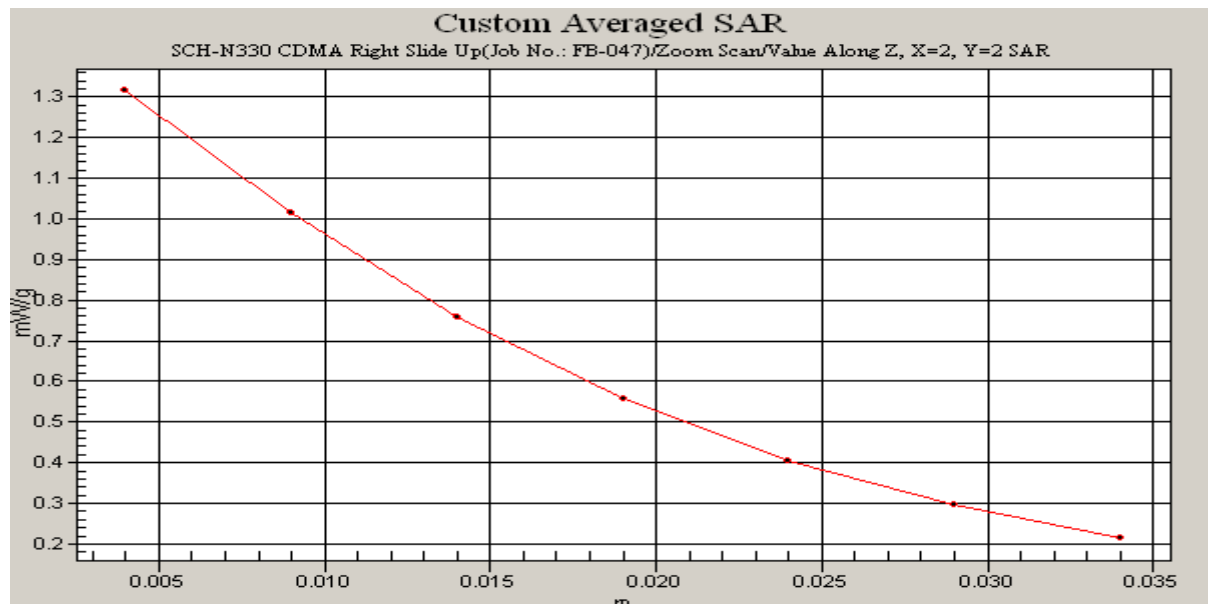
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.7 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 1.31 mW/g

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 1.26 mW/g



SAMSUNG FCC ID : A3LSCHN330 -- 835MHz CDMA Head SAR

DUT: SCH-N330(DOWN); Serial: FB-047-C

Program Name: SCH-N330 CDMA Left Slide Down(Job No.: FB-047)

Procedure Name: Cheek/Touch, Ch.777, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-20.7;Test Date-29/July/2004[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; $\sigma = 0.88$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.54, 6.54, 6.54); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Cheek/Touch, Ch.777, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

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

Reference Value = 31.2 V/m; Power Drift = 0.1 dB

Maximum value of SAR (interpolated) = 1.35 mW/g

Cheek/Touch, Ch.777, Ant.Intenna, Bat.Standard/Zoom Scan

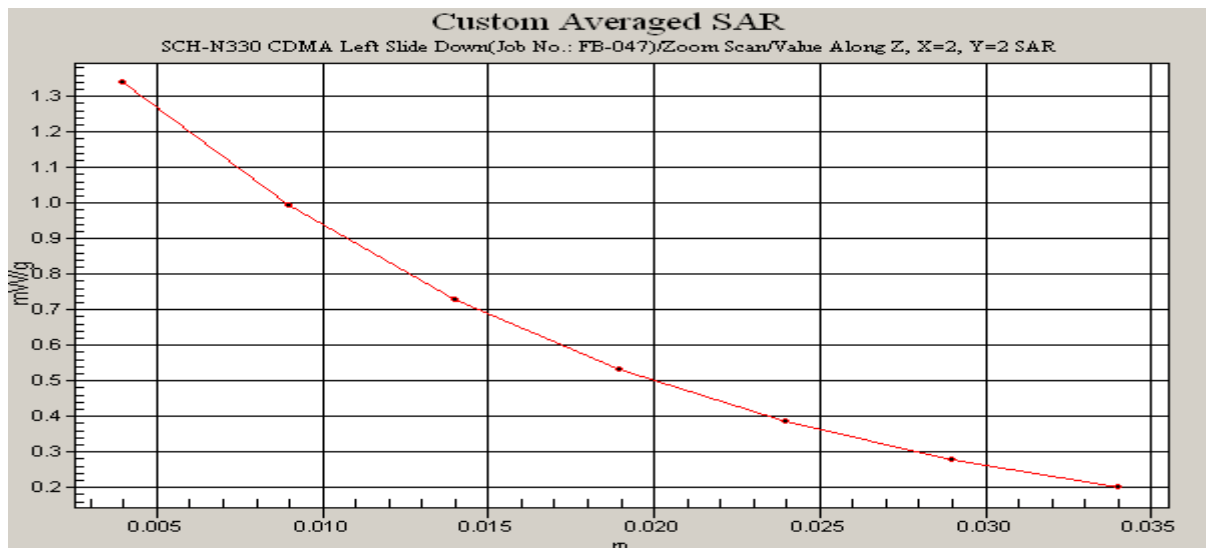
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.2 V/m; Power Drift = 0.1 dB

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

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 1.26 mW/g



SAMSUNG FCC ID : A3LSCHN330 -- 835MHz CDMA Body SAR

DUT: SCH-N330(DOWN); Serial: FB-047-C

Program Name: SCH-N330 CDMA Body Slide Down(Job No.: FB-047)

Procedure Name: Body, Ch.363, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-22.0;Test Date-29/July/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 835.89 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 835.89 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.34, 6.34, 6.34); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Body, Ch.363, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Reference Value = 20 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 1.46 mW/g

Body, Ch.363, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

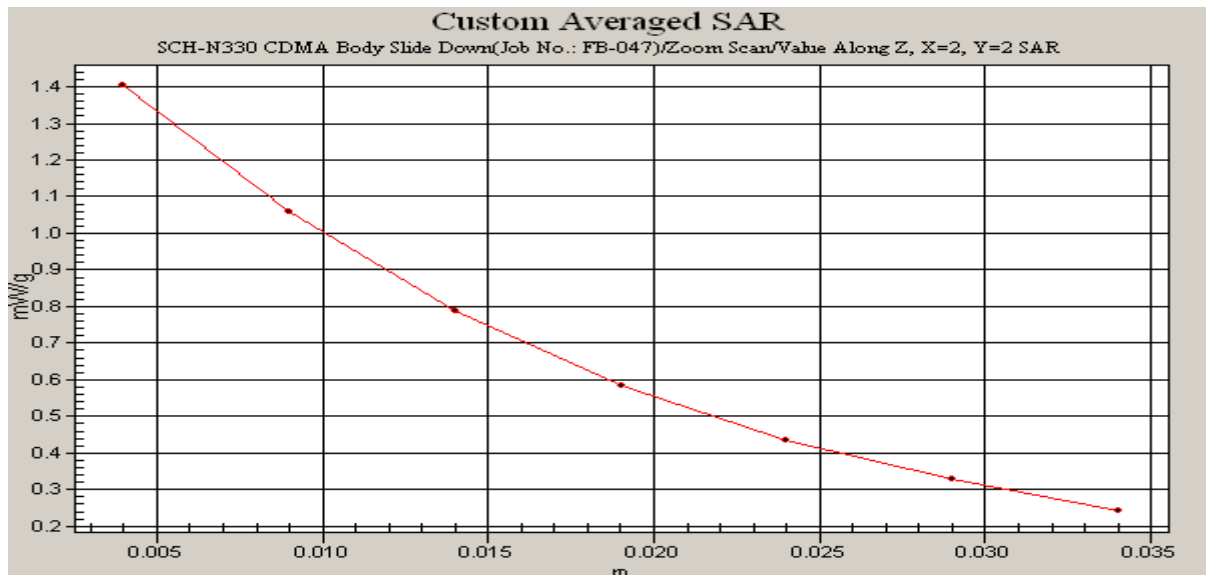
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 20 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 1.4 mW/g

Peak SAR (extrapolated) = 1.7 W/kg

SAR(1 g) = 1.31 mW/g



SAMSUNG FCC ID : A3LSCHN330 -- 1900MHz PCS CDMA Head SAR

DUT: SCH-N330(UP); Serial: FB-047-C

Program Name: SCH-N330 PCS Right Slide Up(Job No.: FB-047)

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

Procedure Notes: Meas.Tissue Temp(celsius)-20.9; Test Date-30/July/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 39.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5, 5, 5); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

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

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

Reference Value = 20.4 V/m ; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.584 mW/g

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

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

Reference Value = 20.4 V/m ; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.573 mW/g

Peak SAR (extrapolated) = 0.739 W/kg

SAR(1 g) = 0.523 mW/g

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

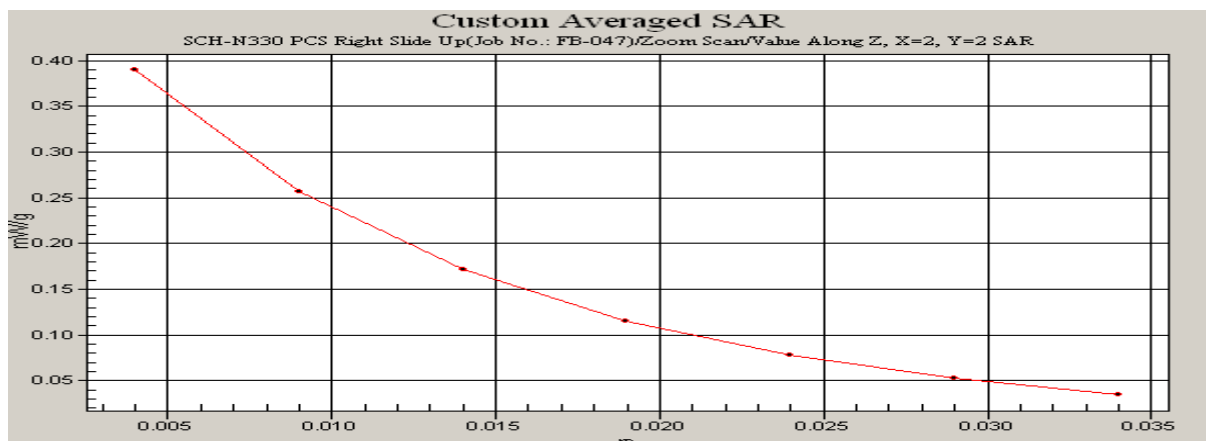
(5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 20.4 V/m ; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.390 mW/g

Peak SAR (extrapolated) = 0.522 W/kg

SAR(1 g) = 0.350 mW/g



SAMSUNG FCC ID : A3LSCHN330 -- 1900MHz PCS CDMA Body SAR

DUT: SCH-N330(DOWN); Serial: FB-047-C

Program Name: SCH-N330 PCS Body Slide Down(Job No.: FB-047)

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

Procedure Notes: Meas.Tissue Temp(celsius)-20.6; Test Date-30/July/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1908.75 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r = 53.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(4.51, 4.51, 4.51); Calibrated: 2004-04-27
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Body, Ch.1175, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

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

Reference Value = 14.2 V/m ; Power Drift = 0.2 dB

Maximum value of SAR (interpolated) = 1.01 mW/g

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

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

Reference Value = 14.2 V/m ; Power Drift = 0.2 dB

Maximum value of SAR (measured) = 0.997 mW/g

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.932 mW/g

Body, Ch.1175, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 1:

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

Reference Value = 14.2 V/m ; Power Drift = 0.2 dB

Maximum value of SAR (measured) = 0.843 mW/g

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.778 mW/g

