

SAMSUNG FCC ID : A3LSCHN480 -- 835MHz CDMA Head SAR

DUT: SCH-N480; Serial: FC-053-B
Program Name: SCH-N480 CDMA Right (Job No. : FC-053)

Procedure Name: Cheek/Touch, Ch.0363, Intenna, Bat. Standard

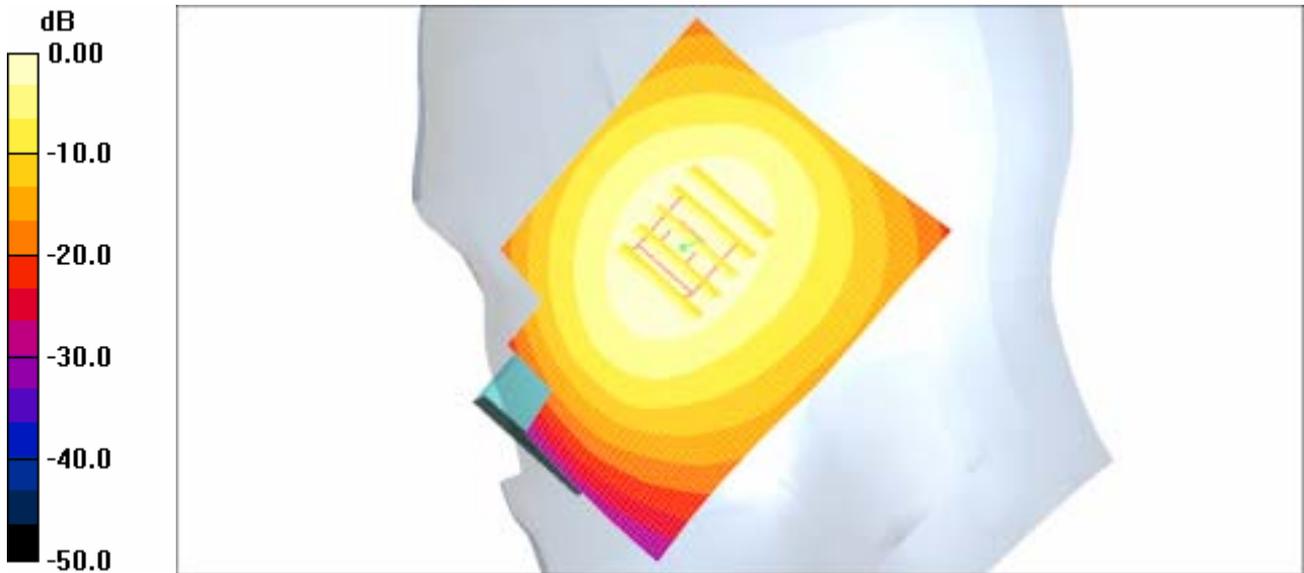
Procedure Notes: Meas.Tissue Temp(celsius)-21.8;Test Date-20/Apr/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 835.89 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 835.89$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(6.33, 6.33, 6.33); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Cheek/Touch, Ch.0363, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.1 V/m; Power Drift = -0.031 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.962 mW/g
Maximum value of SAR (measured) = 1.03 mW/g

Cheek/Touch, Ch.0363, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.10 mW/g



0 dB = 1.10mW/g

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Procedure Name: Ear/Tilt, Ch.0363, Intenna, Bat. Standard

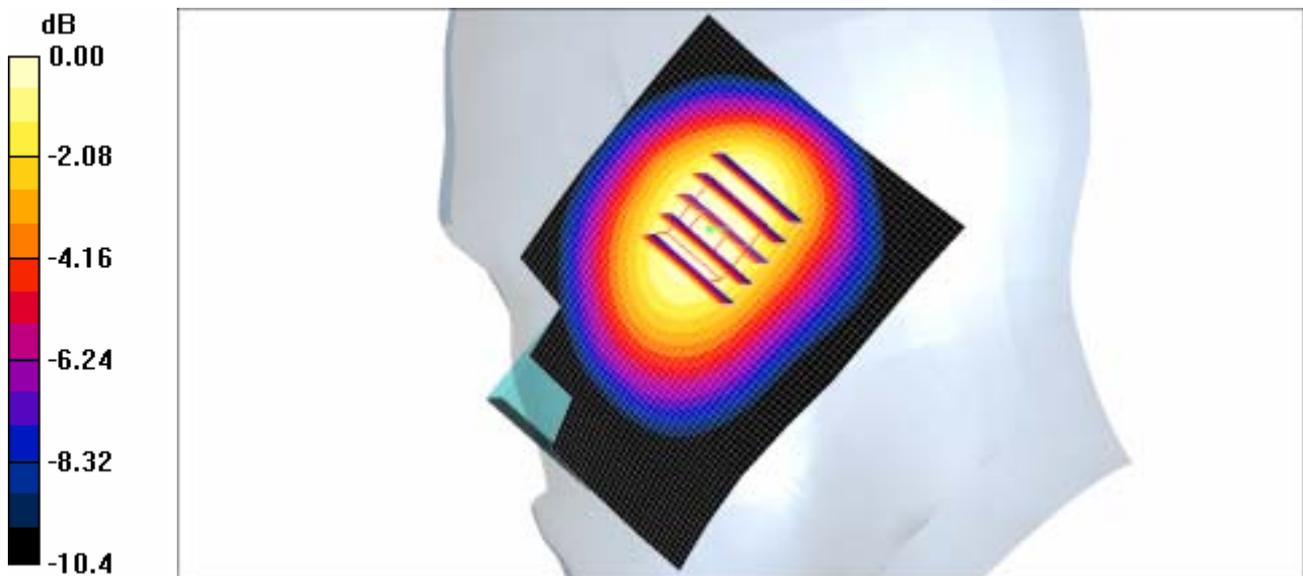
Procedure Notes: Meas.Tissue Temp(celsius)-21.8;Test Date-20/Apr/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 835.89 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 835.89$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(6.33, 6.33, 6.33); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Ear/Tilt, Ch.0363, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.637 mW/g

Ear/Tilt, Ch.0363, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.5 V/m; Power Drift = 0.197 dB
Peak SAR (extrapolated) = 0.760 W/kg
SAR(1 g) = 0.570 mW/g
Maximum value of SAR (measured) = 0.605 mW/g



0 dB = 0.605mW/g

SAMSUNG FCC ID : A3LSCHN480 -- 835MHz CDMA Head SAR

DUT: SCH-N480; Serial: FC-053-B
Program Name: SCH-N480 CDMA Left (Job No. : FC-053)

Procedure Name: Cheek/Touch, Ch.0363, Intenna, Bat. Standard

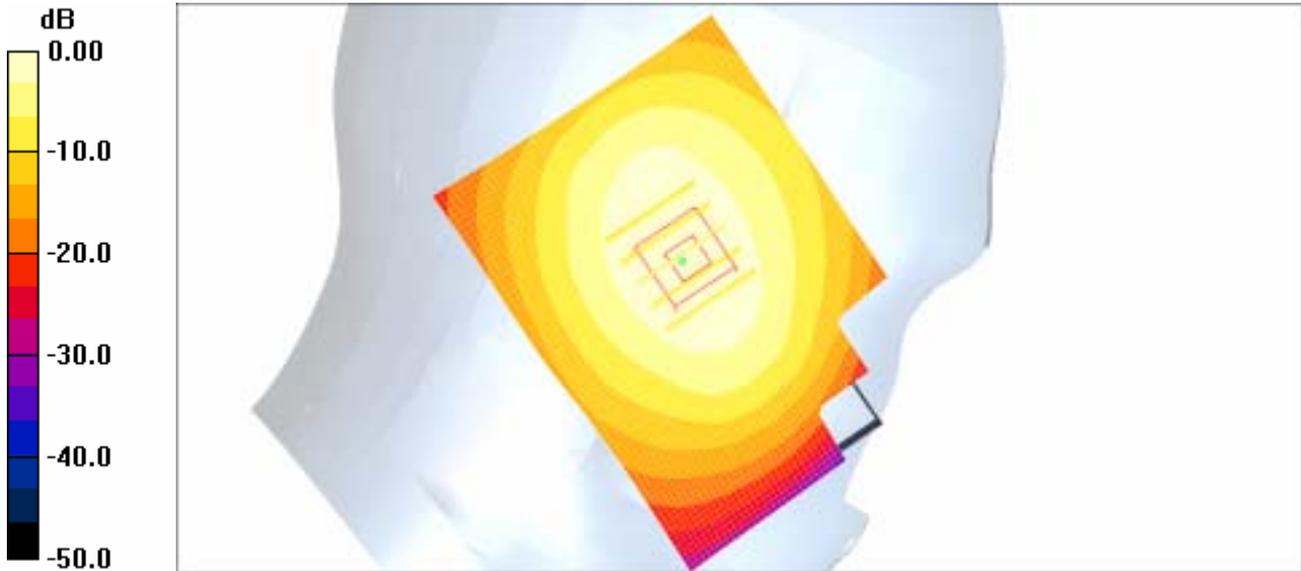
Procedure Notes: Meas.Tissue Temp(celsius)-21.8;Test Date-20/Apr/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: CDMA; Frequency: 835.89 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 835.89$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(6.33, 6.33, 6.33); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Cheek/Touch, Ch.0363, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.6 V/m; Power Drift = -0.190 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.960 mW/g
Maximum value of SAR (measured) = 1.01 mW/g

Cheek/Touch, Ch.0363, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.08 mW/g



0 dB = 1.08mW/g

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DUT: SCH-N480; Serial: FC-053-B

Program Name: SCH-N480 CDMA Left (Job No. : FC-053)

Procedure Name: Ear/Tilt, Ch.0363, Intenna, Bat. Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.8;Test Date-20/Apr/2005[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; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.33, 6.33, 6.33); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Ear/Tilt, Ch.0363, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.594 mW/g

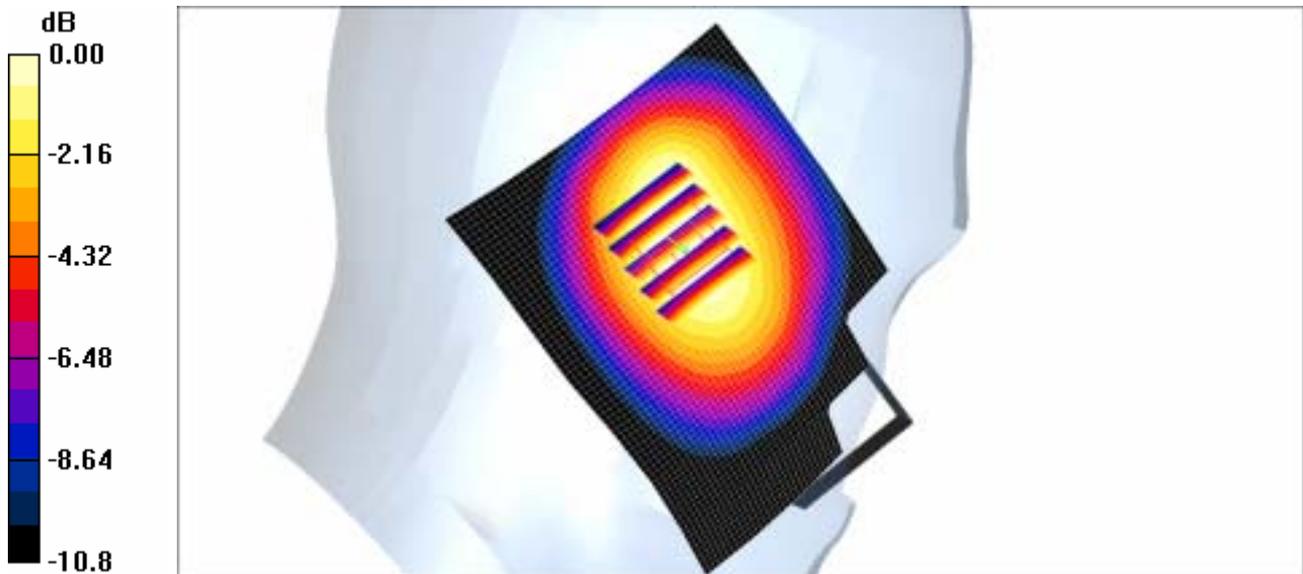
Ear/Tilt, Ch.0363, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.2 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 0.743 W/kg

SAR(1 g) = 0.542 mW/g

Maximum value of SAR (measured) = 0.571 mW/g



0 dB = 0.571mW/g

SAMSUNG FCC ID : A3LSCHN480 -- 835MHz CDMA Body SAR

DUT: SCH-N480 (Body); Serial: FC-053-B

Program Name: SCH-N480 CDMA Body (Job No. : FC-053)

Procedure Name: Body, Ch. 0363, Ant. Intenna, Bat. Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.7;Test Date-20/Apr/2005[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; $\sigma = 0.97$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.28, 6.28, 6.28); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body, Ch. 0363, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.6 V/m; Power Drift = -0.192 dB

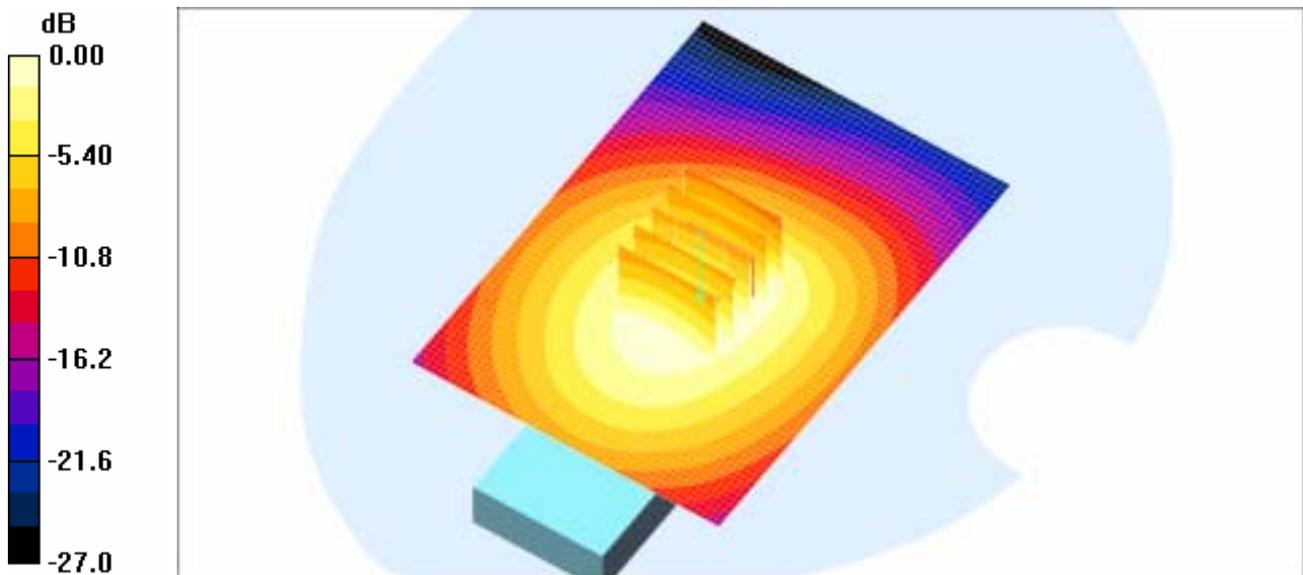
Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 1.06 mW/g

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

Body, Ch. 0363, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.18 mW/g



0 dB = 1.18mW/g

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Program Name: SCH-N480 CDMA Right (Job No. : FC-053)

Procedure Name: Cheek/Touch, Ch.0363, Intenna, Bat. Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.8; Test Date-20/Apr/2005 [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; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.33, 6.33, 6.33); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Cheek/Touch, Ch.0363, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.10 mW/g

Cheek/Touch, Ch.0363, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

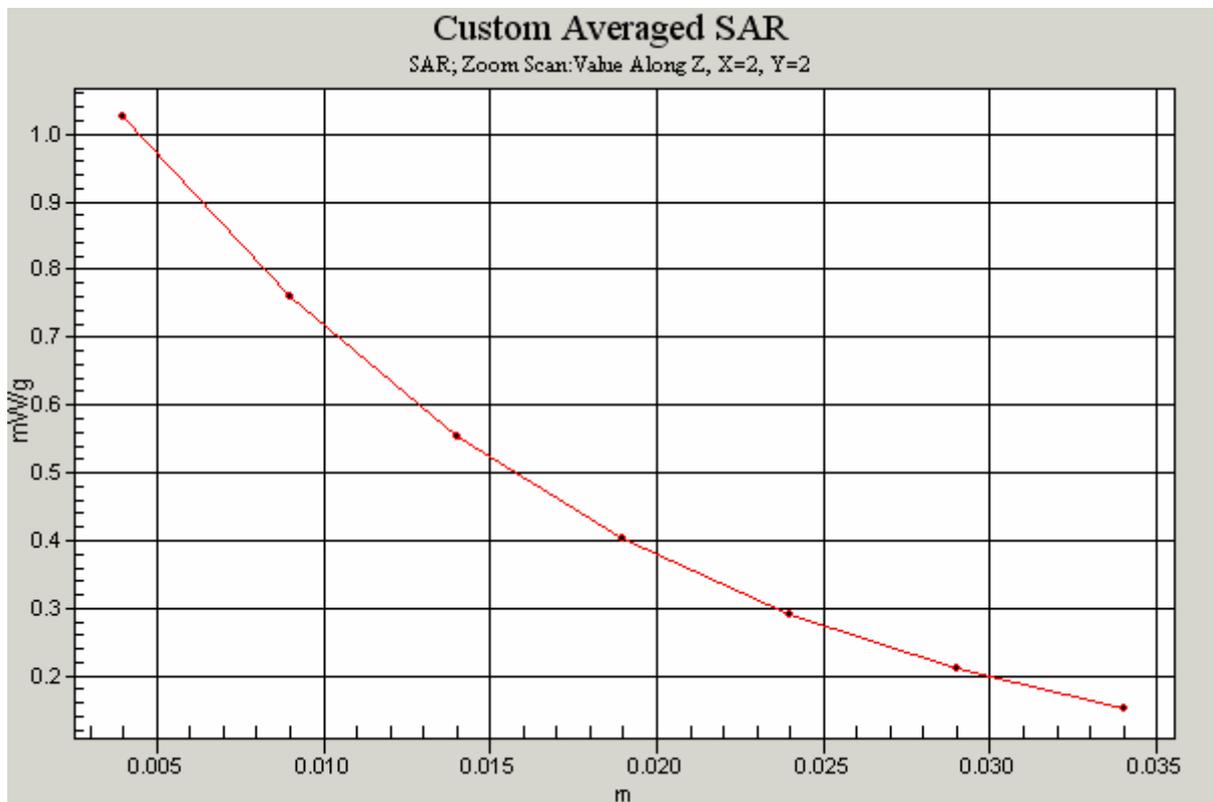
dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.1 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.962 mW/g

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



SAMSUNG FCC ID : A3LSCHN480 -- 835MHz CDMA Body SAR

DUT: SCH-N480 (Body); Serial: FC-053-B

Program Name: SCH-N480 CDMA Body (Job No. : FC-053)

Procedure Name: Body, Ch. 0363, Ant. Intenna, Bat. Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.7; Test Date-20/Apr/2005 [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; $\sigma = 0.97$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.28, 6.28, 6.28); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-12-07
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body, Ch. 0363, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.18 mW/g

Body, Ch. 0363, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 21.6 V/m; Power Drift = -0.192 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 1.06 mW/g

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

