

SAMSUNG FCC ID : A3LSCHN415 -- 835 MHz CDMA Head SAR

DUT: SCH-N415; Serial: FB-058-C

Program Name: SCH-N415 CDMA Right(Job No.: FB-058)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.8;Test Date-01/Oct/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; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(6.55, 6.55, 6.55); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

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

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

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

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

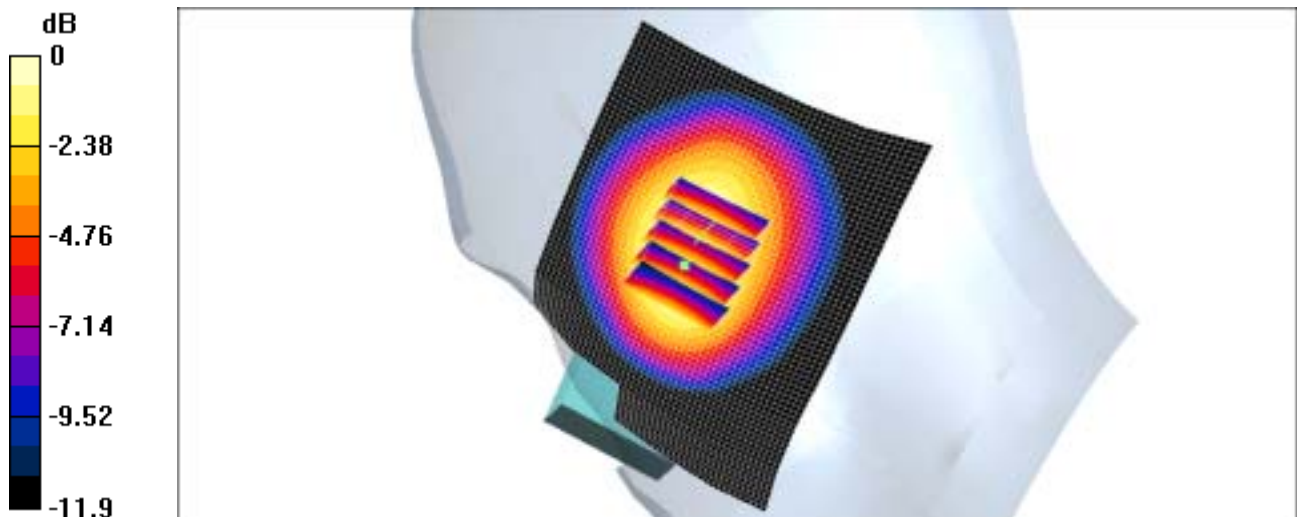
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.8 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 1.31 mW/g

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



0 dB = 1.39mW/g

SAMSUNG FCC ID : A3LSCHN415 -- 835 MHz CDMA Head SAR

DUT: SCH-N415; Serial: FB-058-C

Program Name: SCH-N415 CDMA Right Tilt(Job No.: FB-058)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.8;Test Date-01/Oct/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; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(6.55, 6.55, 6.55); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Tilt, Ch.0777, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.731 mW/g

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

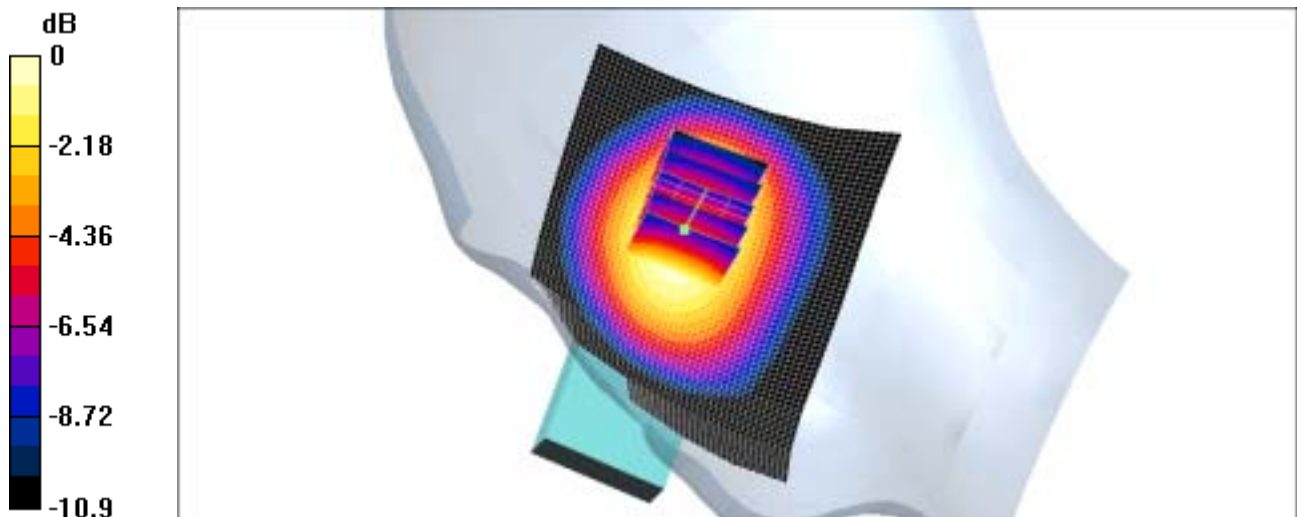
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.5 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 0.864 W/kg

SAR(1 g) = 0.635 mW/g

Maximum value of SAR (measured) = 0.679 mW/g



0 dB = 0.679mW/g

SAMSUNG FCC ID : A3LSCHN415 -- 835 MHz CDMA Head SAR

DUT: SCH-N415; Serial: FB-058-C

Program Name: SCH-N415 CDMA Left(Job No.: FB-058)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.8;Test Date-01/Oct/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; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(6.55, 6.55, 6.55); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

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

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

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

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

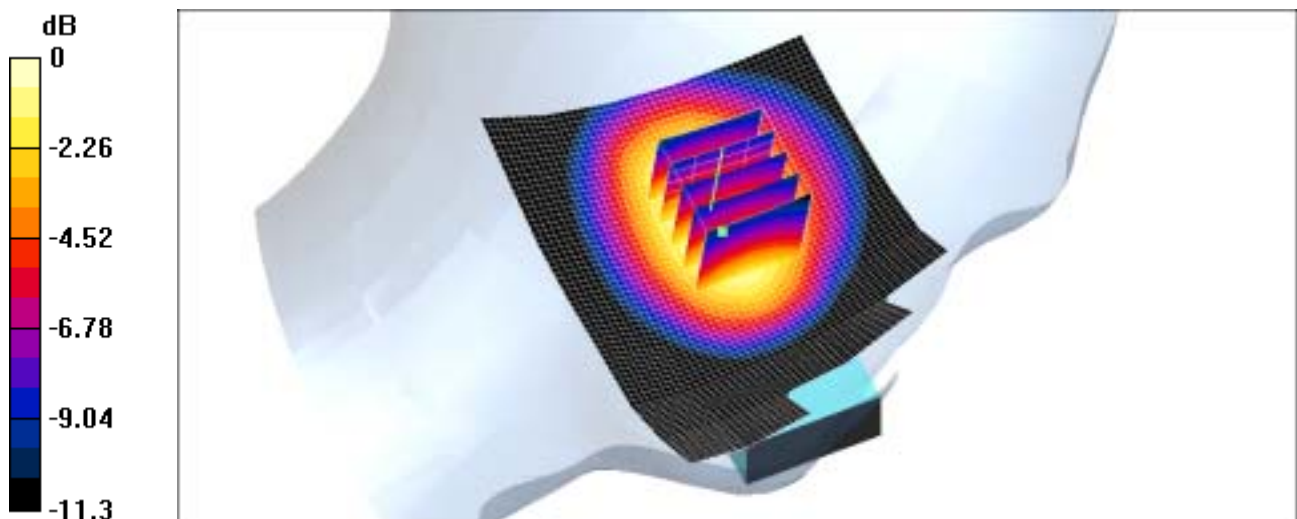
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.9 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.8 W/kg

SAR(1 g) = 1.29 mW/g

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



0 dB = 1.35mW/g

SAMSUNG FCC ID : A3LSCHN415 -- 835 MHz CDMA Head SAR

DUT: SCH-N415; Serial: FB-058-C

Program Name: SCH-N415 CDMA Left Tilt(Job No.: FB-058)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.8;Test Date-01/Oct/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; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(6.55, 6.55, 6.55); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Tilt, Ch.0777, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.745 mW/g

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

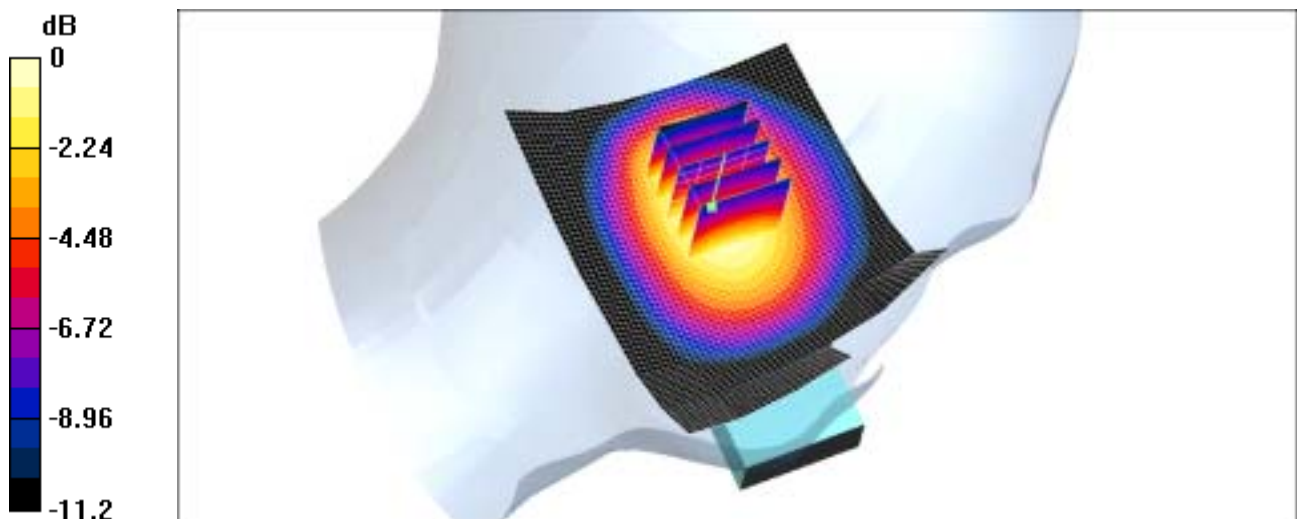
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.939 W/kg

SAR(1 g) = 0.650 mW/g

Maximum value of SAR (measured) = 0.694 mW/g



0 dB = 0.694mW/g

SAMSUNG FCC ID : A3LSCHN415 -- 835 MHz CDMA Body SAR

DUT: SCH-N415 (Body); Serial: FB-058-C

Program Name: SCH-N415 CDMA Body (Job No.: FB-058)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.8;Test Date-01/Oct/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 824.7$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(6.66, 6.66, 6.66); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

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

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

Maximum value of SAR (interpolated) = 1.22 mW/g

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

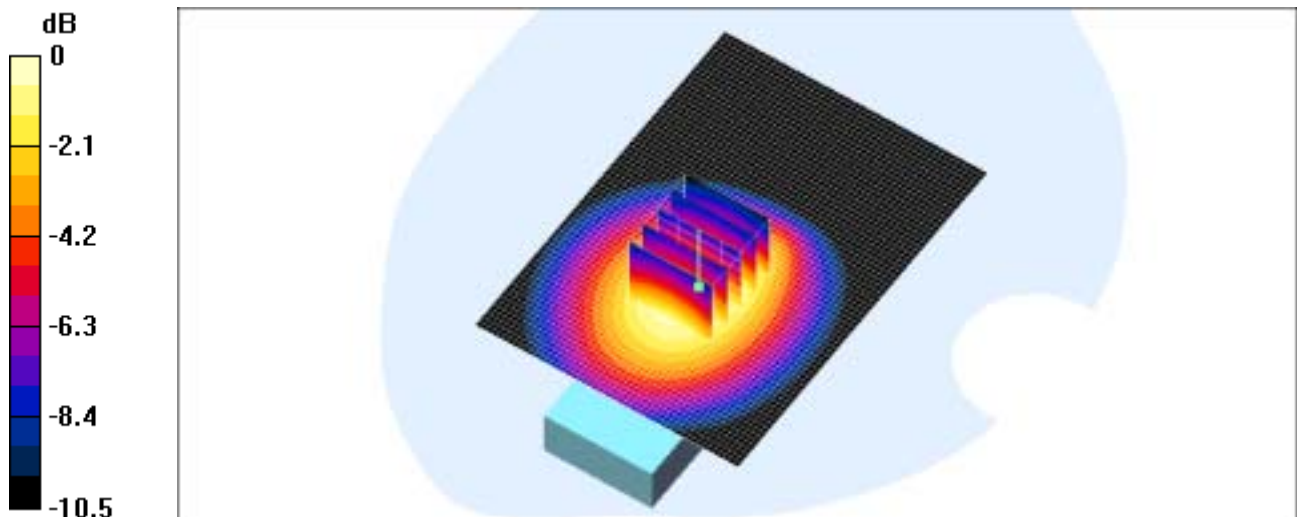
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.4 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 1.4 W/kg

SAR(1 g) = 1.06 mW/g

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



0 dB = 1.14mW/g

SAMSUNG FCC ID : A3LSCHN415 -- 835 MHz CDMA Head SAR

DUT: SCH-N415; Serial: FB-058-C

Program Name: SCH-N415 CDMA Right(Job No.: FB-058)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.8;Test Date-01/Oct/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; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(6.55, 6.55, 6.55); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

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

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

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

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

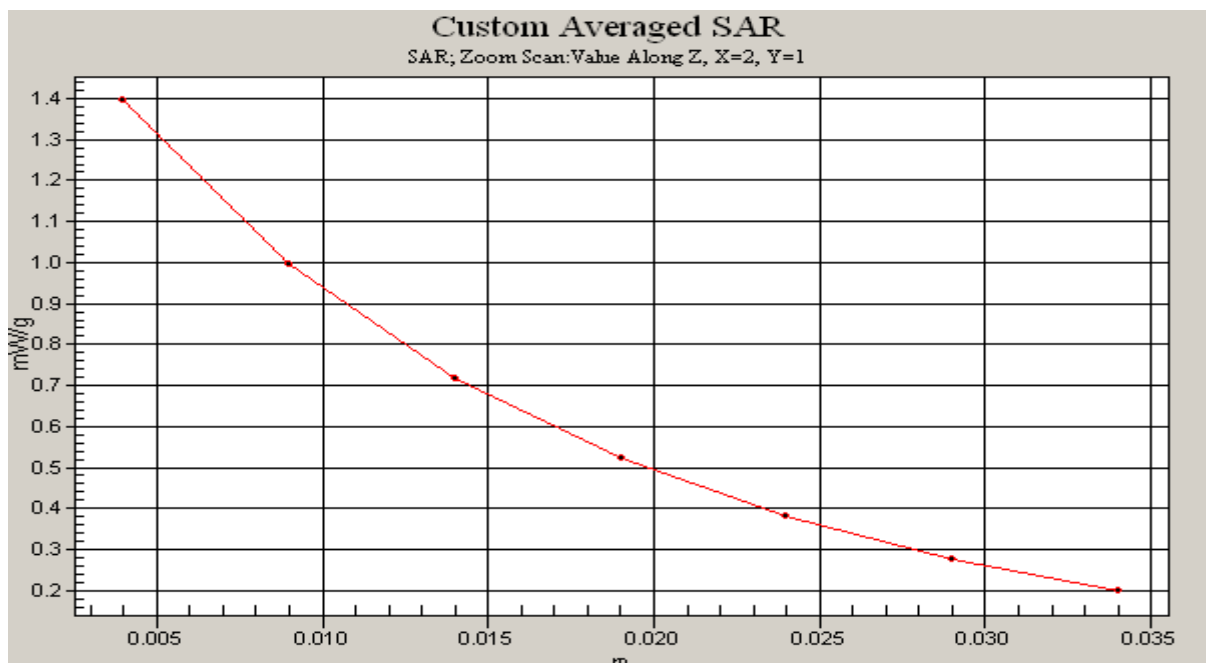
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.8 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 1.31 mW/g

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



SAMSUNG FCC ID : A3LSCHN415 -- 835 MHz CDMA Body SAR

DUT: SCH-N415 (Body); Serial: FB-058-C

Program Name: SCH-N415 CDMA Body (Job No.: FB-058)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.8;Test Date-01/Oct/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.96 \text{ mho/m}$; $\epsilon_r = 54.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(6.66, 6.66, 6.66); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

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

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

Maximum value of SAR (interpolated) = 1.22 mW/g

Body, Ch.1013, 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 = 14.4 V/m ; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 1.4 W/kg

SAR(1 g) = 1.06 mW/g

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

