

SAMSUNG FCC ID : A3LSCHX979 - - 835MHz CDMA Head SAR

DUT: SCH-X979; Serial: FC-158-C

Program Name: SCH-X979 CDMA Right (Job No. : FC-158)

Procedure Name: Cheek/Touch, Ch.0777, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.2; Tissue Temp(celsius)-21.8;Test Date-24/Nov/2005[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; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.14, 6.14, 6.14); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.38 mW/g

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

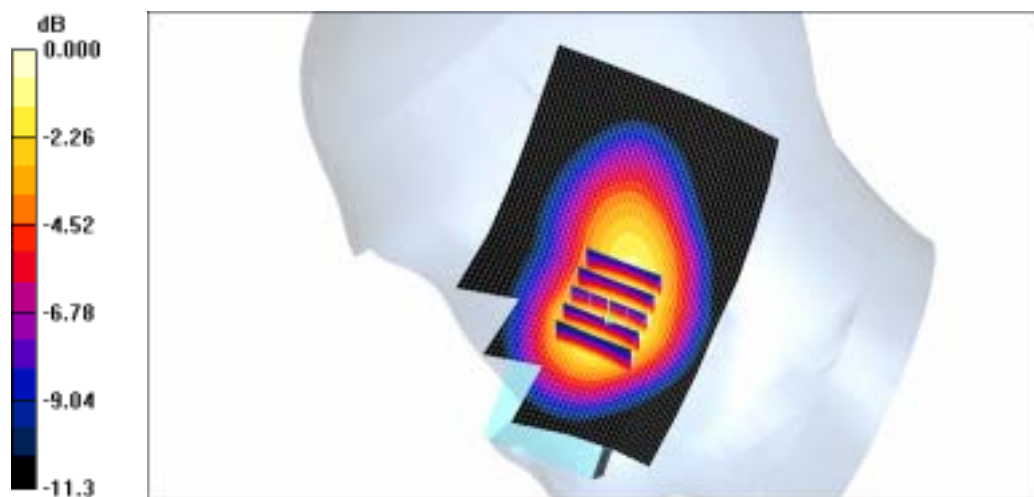
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.81 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 1.21 mW/g

Maximum value of SAR (measured) = 1.29 mW/g



0 dB = 1.29mW/g

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DUT: SCH-X979; Serial: FC-158-C

Program Name: SCH-X979 CDMA Right (Job No. : FC-158)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.2; Tissue Temp(celsius)-21.8;Test Date-24/Nov/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; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.14, 6.14, 6.14); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.0363, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.169 mW/g

Ear/Tilt, Ch.0363, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement

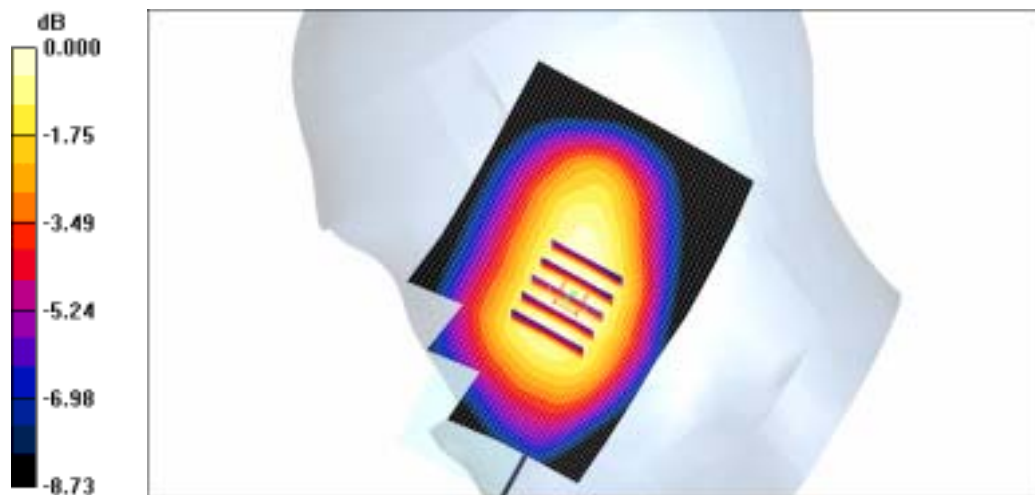
grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.40 V/m; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 0.200 W/kg

SAR(1 g) = 0.157 mW/g

Maximum value of SAR (measured) = 0.165 mW/g



0 dB = 0.165mW/g

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Program Name: SCH-X979 CDMA Left (Job No. : FC-158)

Procedure Name: Cheek/Touch, Ch.0777, Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.2; Tissue Temp(celsius)-21.8;Test Date-24/Nov/2005[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; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.14, 6.14, 6.14); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

dx=20mm, dy=20mm

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

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

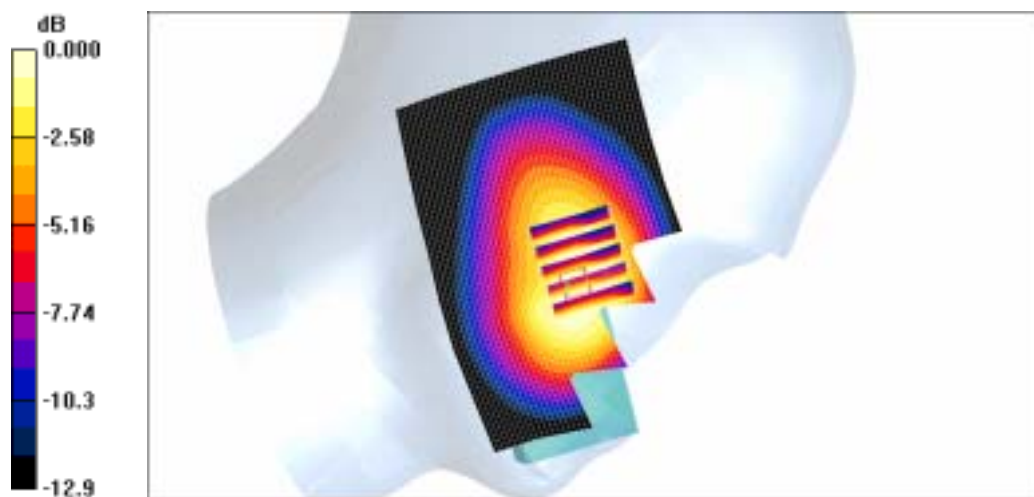
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.99 V/m; Power Drift = -0.102 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 1.09 mW/g

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



0 dB = 1.13mW/g

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DUT: SCH-X979; Serial: FC-158-C

Program Name: SCH-X979 CDMA Left (Job No. : FC-158)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.2; Tissue Temp(celsius)-21.8; Test Date-24/Nov/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; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.14, 6.14, 6.14); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.0363, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.205 mW/g

Ear/Tilt, Ch.0363, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement

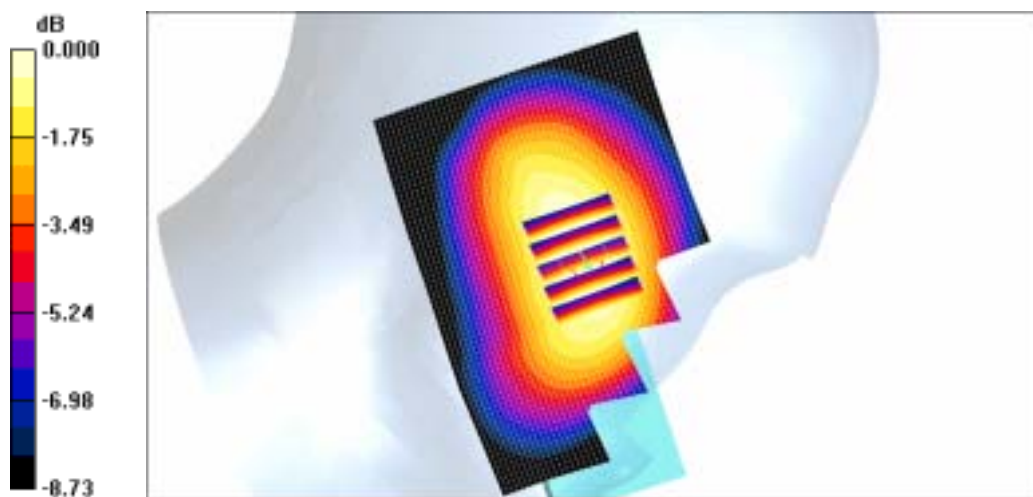
grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.61 V/m; Power Drift = 0.110 dB

Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.180 mW/g

Maximum value of SAR (measured) = 0.191 mW/g



0 dB = 0.191mW/g

SAMSUNG FCC ID : A3LSCHX979 - - 835MHz CDMA Body SAR

DUT: SCH-X979 (Body); Serial: FC-158-C

Program Name: SCH-X979 CDMA Body (Job No. : FC-158)

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

Procedure Notes: Meas.Ambient temp(celsius)-22.1;Tissue Temp(celsius)-21.6;Test Date-24/Nov/2005[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; $\sigma = 0.97$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.18, 6.18, 6.18); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.04 mW/g

Body, Ch. 0777, Ant. Intenna, Bat. Standard/Zoom Scan (6x6x7)/Cube 0: Measurement

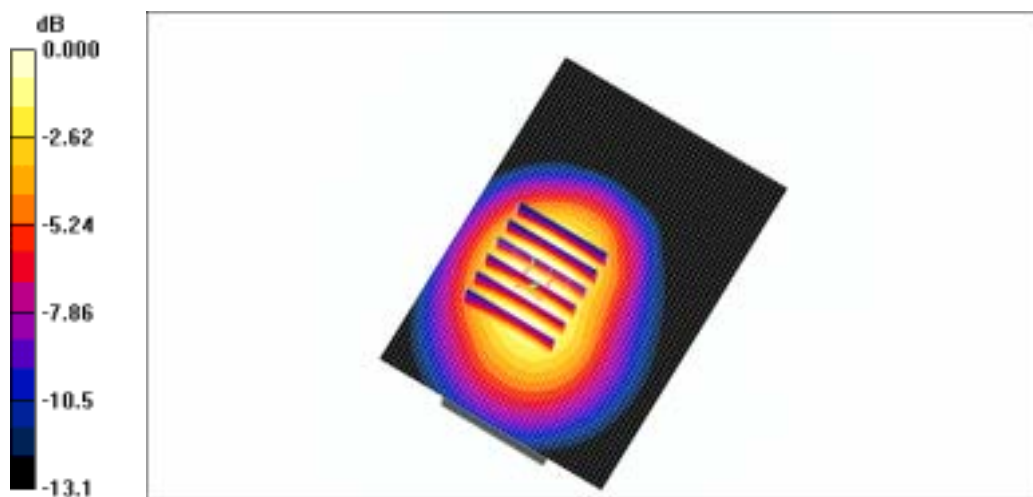
grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.2 V/m; Power Drift = 0.088 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.933 mW/g

Maximum value of SAR (measured) = 0.984 mW/g



0 dB = 0.984mW/g

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Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.14, 6.14, 6.14); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
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- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.38 mW/g

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

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

Reference Value = 9.81 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 1.21 mW/g

Maximum value of SAR (measured) = 1.29 mW/g



SAMSUNG FCC ID : A3LSCHX979 - - 835MHz CDMA Head SAR

DUT: SCH-X979 (Body); Serial: FC-158-C

Program Name: SCH-X979 CDMA Body (Job No. : FC-158)

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

Procedure Notes: Meas.Ambient temp(celsius) - 22.1; Tissue Temp(celsius) - 21.6; Test Date - 24/Nov/2005 [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; $\sigma = 0.97$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.18, 6.18, 6.18); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.04 mW/g

Body, Ch. 0777, Ant. Intenna, Bat. Standard/Zoom Scan (6x6x7)/Cube 0: Measurement

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

Reference Value = 19.2 V/m; Power Drift = 0.088 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.933 mW/g

Maximum value of SAR (measured) = 0.984 mW/g

