

**SAMSUNG FCC ID : A3LSCHS129 -- 835MHz CDMA Head SAR**

**DUT: SCH-S129; Serial: FD-087-B**

**Program Name: SCH-S129 CDMA Right(Job No. : FD-087)**

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

**Procedure Notes: Meas. Ambient Temp(celsius)-22.6; Tissue Temp(celsius)-21.5;Test Date-05/June/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;  $\sigma = 0.93$  mho/m;  $\epsilon_r = 41.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>**

**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 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

**Cheek/Touch, Ch.0384, Intenna, Bat. Standard/Area Scan (51x71x1):** Measurement grid:  
dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.55 mW/g

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

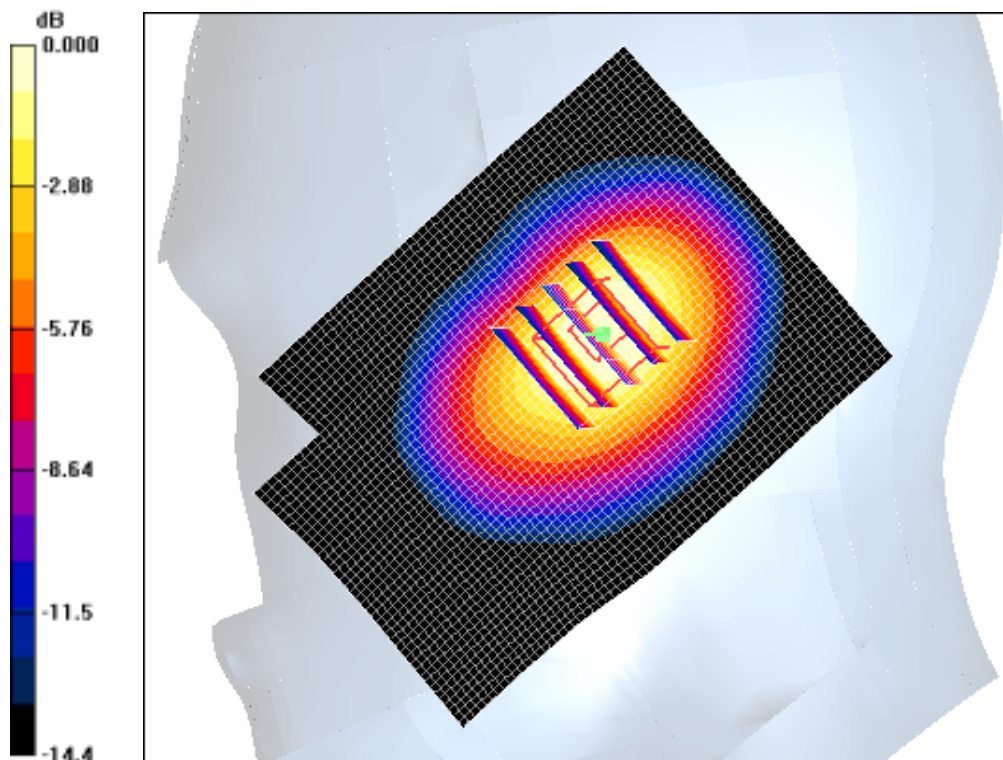
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.8 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 2.23 W/kg

**SAR(1 g) = 1.22 mW/g**

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



0 dB = 1.29mW/g

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DUT: SCH-S129; Serial: FD-087-B

Program Name: SCH-S129 CDMA Right(Job No. : FD-087)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.6; Tissue Temp(celsius)-21.5;Test Date-05/June/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;  $\sigma = 0.93$  mho/m;  $\epsilon_r = 41.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

**Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Area Scan (51x71x1):** Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.738 mW/g

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

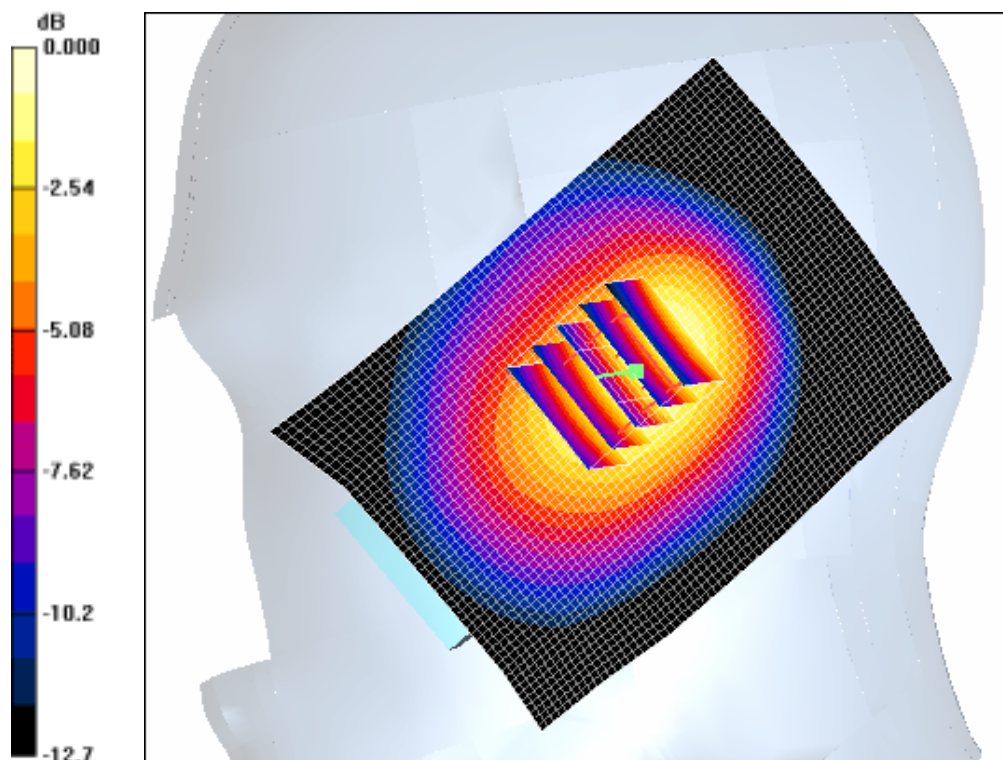
grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.6 V/m; Power Drift = -0.172 dB

Peak SAR (extrapolated) = 0.902 W/kg

**SAR(1 g) = 0.621 mW/g**

Maximum value of SAR (measured) = 0.672 mW/g



0 dB = 0.672mW/g

SAMSUNG FCC ID : A3LSCHS129 -- 835MHz CDMA Head SAR

DUT: SCH-S129; Serial: FD-087-B

Program Name: SCH-S129 CDMA Left (Job No. : FD-087)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.6; Tissue Temp(celsius)-21.5; Test Date-05/June/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;  $\sigma = 0.93$  mho/m;  $\epsilon_r = 41.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

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

Reference Value = 27.5 V/m; Power Drift = 0.139 dB

Peak SAR (extrapolated) = 1.57 W/kg

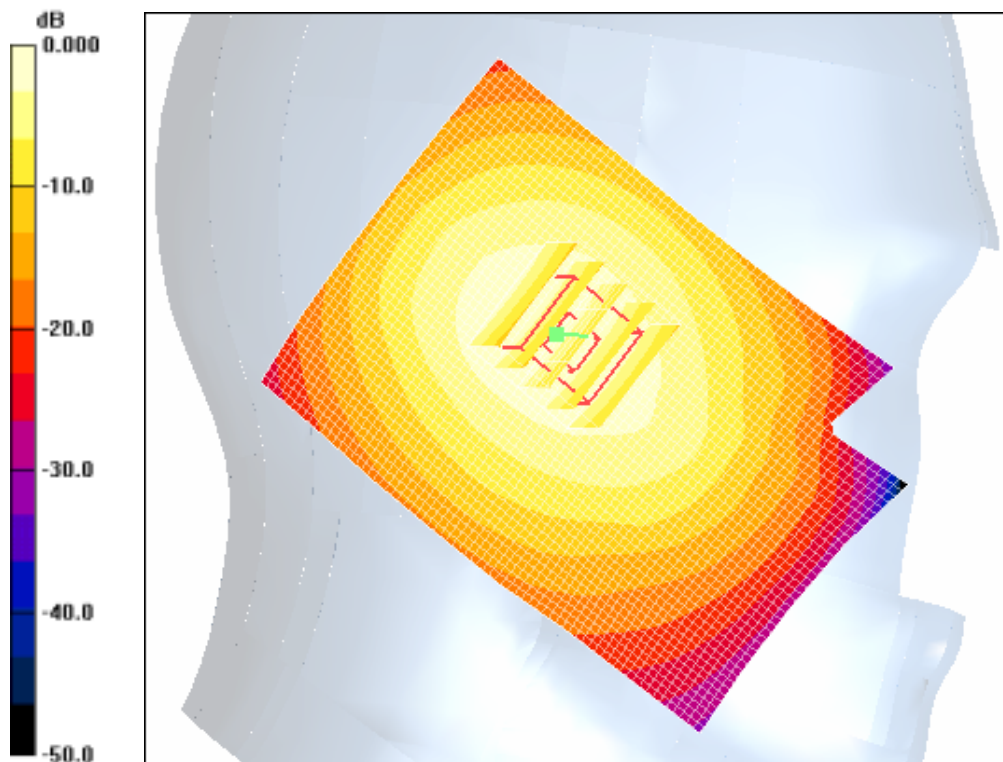
**SAR(1 g) = 1.15 mW/g**

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

**Cheek/Touch, Ch.0384, Intenna, Bat. Standard/Area Scan (51x71x1):** Measurement grid:

dx=20mm, dy=20mm

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



0 dB = 1.31mW/g

**SAMSUNG FCC ID : A3LSCHS129 -- 835MHz CDMA Head SAR**

**DUT: SCH-S129; Serial: FD-087-B**

**Program Name: SCH-S129 CDMA Left (Job No. : FD-087)**

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

**Procedure Notes: Meas. Ambient Temp(celsius)-22.6; Tissue Temp(celsius)-21.5;Test Date-05/June/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;  $\sigma = 0.93$  mho/m;  $\epsilon_r = 41.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

**Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:**

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.764 mW/g

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

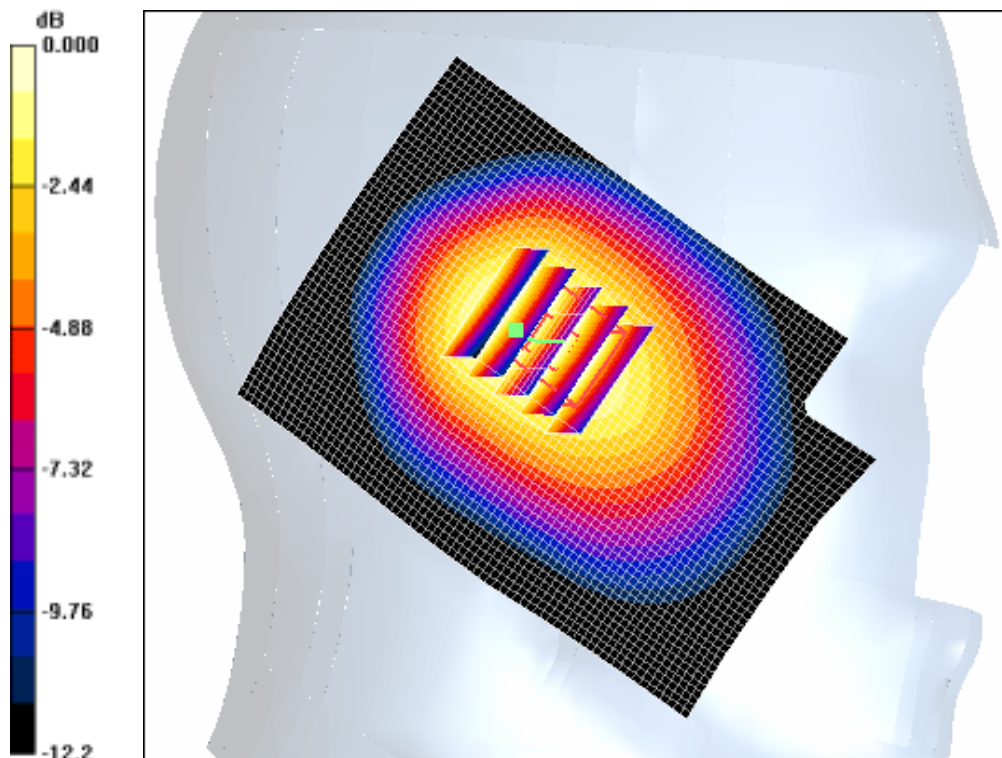
grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.4 V/m; Power Drift = -0.139 dB

Peak SAR (extrapolated) = 0.947 W/kg

**SAR(1 g) = 0.677 mW/g**

Maximum value of SAR (measured) = 0.718 mW/g



0 dB = 0.718mW/g

**SAMSUNG FCC ID : A3LSCHS129 -- 835MHz CDMA Head SAR**

**DUT: SCH-S129; Serial: FD-087-B**

**Program Name: SCH-S129 CDMA Right(Job No. : FD-087)**

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

**Procedure Notes: Meas. Ambient Temp(celsius) - 22.6; Tissue Temp(celsius) - 21.5; Test Date - 05/June/2006 [OET Bulletin 65 - Supplement C, July 2001]**

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

Medium parameters used:  $f = 836.52 \text{ MHz}$ ;  $\sigma = 0.93 \text{ mho/m}$ ;  $\epsilon_r = 41.5$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

**Cheek/Touch, Ch.0384, Intenna, Bat. Standard/Area Scan (51x71x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.55 mW/g

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

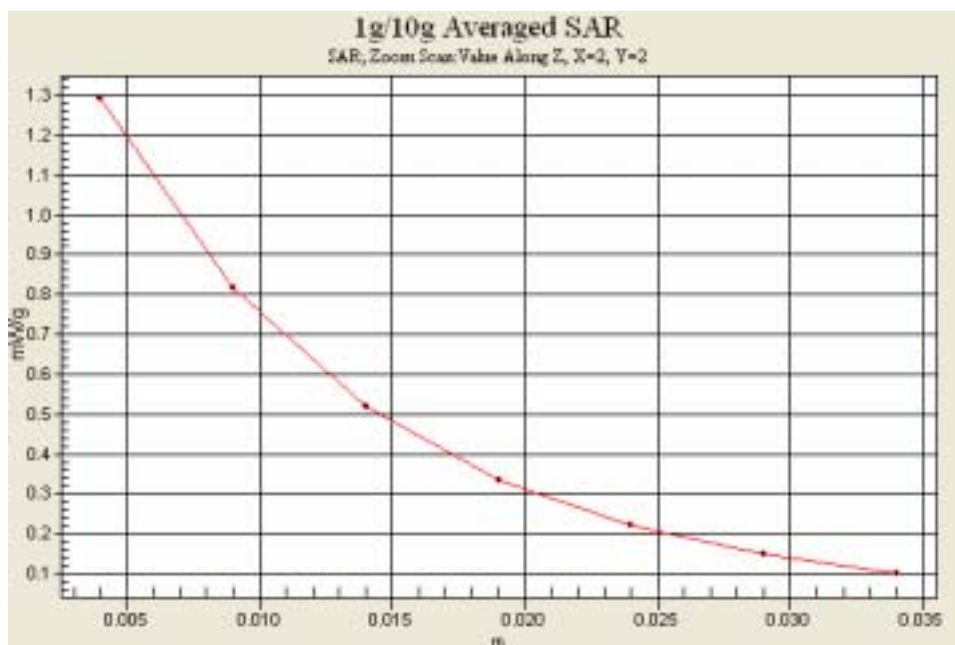
Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 28.8 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 2.23 W/kg

**SAR(1 g) = 1.22 mW/g**

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



SAMSUNG FCC ID : A3LSCHS129 -- 835MHz CDMA Body SAR

DUT: SCH-S129; Serial: FD-087-B

Program Name: SCH-S129 CDMA Body (Job No. : FD-087)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.7; Tissue Temp(celsius)-21.7;Test

Date-05/Jun/2006[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;  $\sigma = 1$  mho/m;  $\epsilon_r = 54.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

**Body, Ch. 1013, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.9 V/m; Power Drift = -0.001 dB

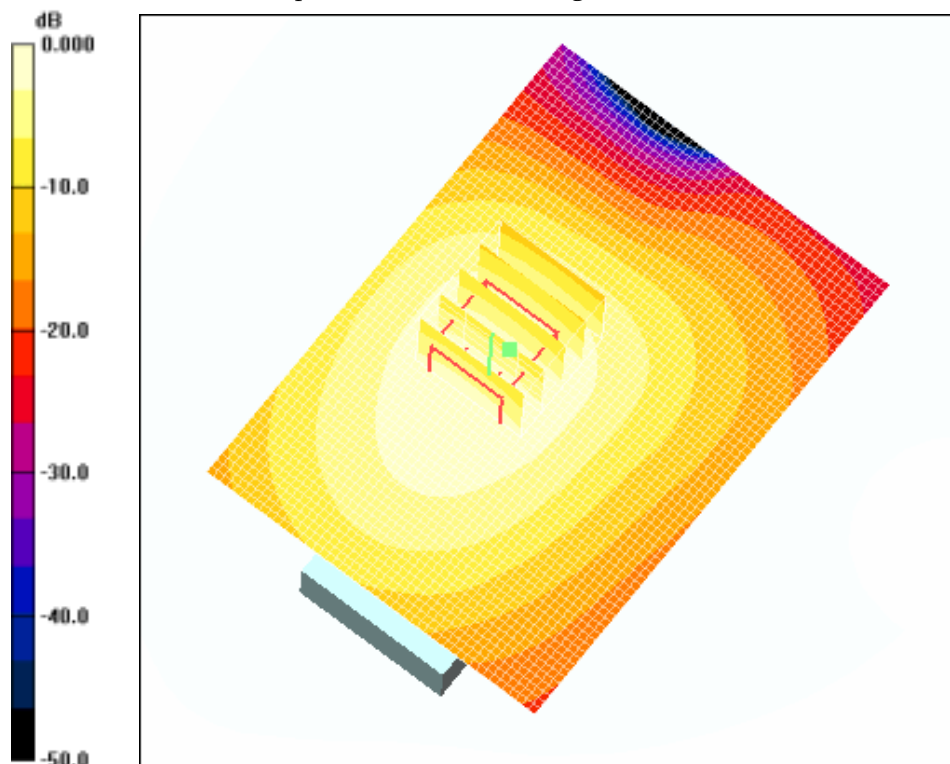
Peak SAR (extrapolated) = 0.963 W/kg

**SAR(1 g) = 0.690 mW/g**

Maximum value of SAR (measured) = 0.729 mW/g

**Body, Ch. 1013, Ant. Intenna, Bat. Standard/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.767 mW/g



0 dB = 0.767mW/g

SAMSUNG FCC ID : A3LSCHS129 -- 835MHz CDMA Body SAR

DUT: SCH-S129; Serial: FD-087-B

Program Name: SCH-S129 CDMA Body (Job No. : FD-087)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.7; Tissue Temp(celsius)-21.7;Test

Date-05/Jun/2006[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;  $\sigma = 1$  mho/m;  $\epsilon_r = 54.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

**Body, Ch. 1013, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.9 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 0.963 W/kg

**SAR(1 g) = 0.690 mW/g**

Maximum value of SAR (measured) = 0.729 mW/g

**Body, Ch. 1013, Ant. Intenna, Bat. Standard/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.767 mW/g

