

SAMSUNG FCC ID : A3LSCHA930 - - 835MHz CDMA Head SAR

DUT: SCH-A930; Serial: FC-167-G

Program Name: SCH-A930 CDMA Right (Job No.:FC-167)

Procedure Name: Cheek, 777ch, Ant.Intenna, Bat.Standard

Procedure Notes: Meas. Ambient Temp-22.6; Tissue Temp(celsius)-21.5; Test Date-23/Dec/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; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ 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 PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek, 777ch, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.41 mW/g

Cheek, 777ch, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

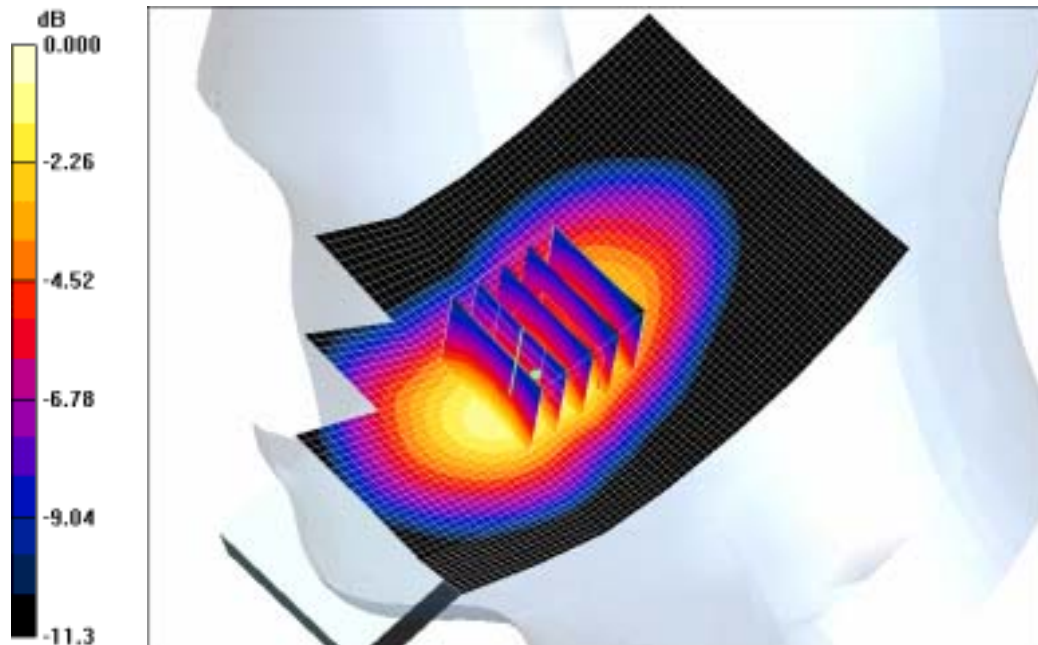
dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 1.42 mW/g

Maximum value of SAR (measured) = 1.52 mW/g



0 dB = 1.52mW/g

SAMSUNG FCC ID : A3LSCHA930 - - 835MHz CDMA Head SAR

DUT: SCH-A930; Serial: FC-167-G

Program Name: SCH-A930 CDMA Right (Job No.:FC-167)

Procedure Name: Tilt, 384ch, Ant.Intenna, Bat.Standard

Procedure Notes: Meas. Ambient Temp-22.6; Tissue Temp(celsius)-21.5; Test Date-23/Dec/2005 [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; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ 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 PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Tilt, 384ch, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.371 mW/g

Tilt, 384ch, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

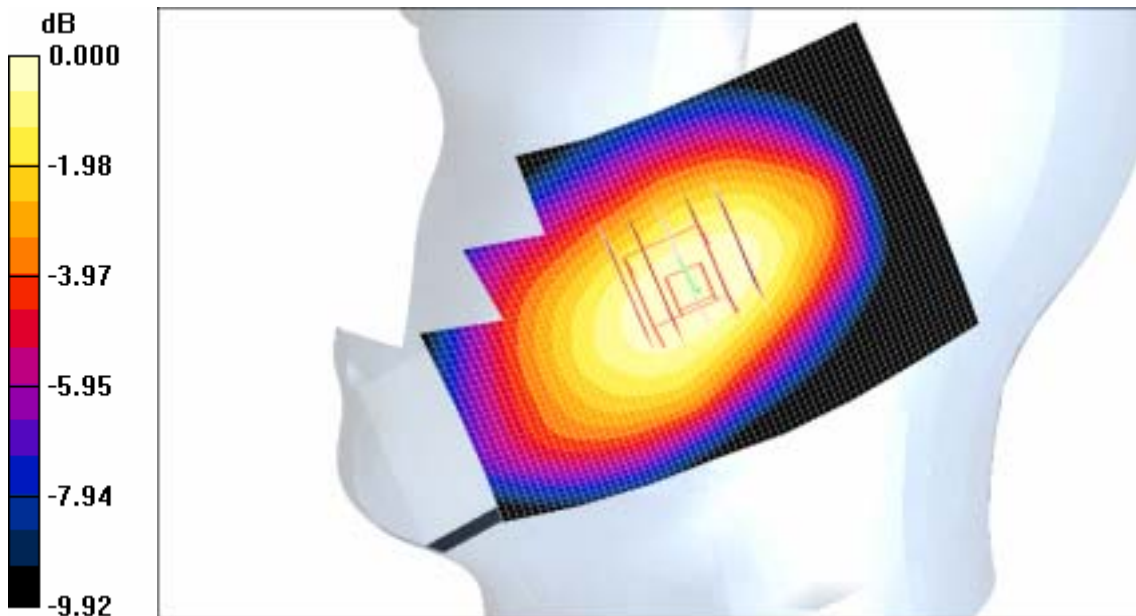
dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.9 V/m; Power Drift = -0.163 dB

Peak SAR (extrapolated) = 0.436 W/kg

SAR(1 g) = 0.342 mW/g

Maximum value of SAR (measured) = 0.358 mW/g



0 dB = 0.358mW/g

SAMSUNG FCC ID : A3LSCHA930 - - 835MHz CDMA Head SAR

DUT: SCH-A930; Serial: FC-167-G

Program Name: SPH-A930 CDMA Left (Job No.: FC-167)

Procedure Name: Cheek, 777ch, Ant.Intenna, Bat.Standard

Procedure Notes: Meas. Ambient Temp-22.6; Tissue Temp(celsius)-21.5; Test Date-23/Dec/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; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ 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 PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek, 777ch, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

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

Cheek, 777ch, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

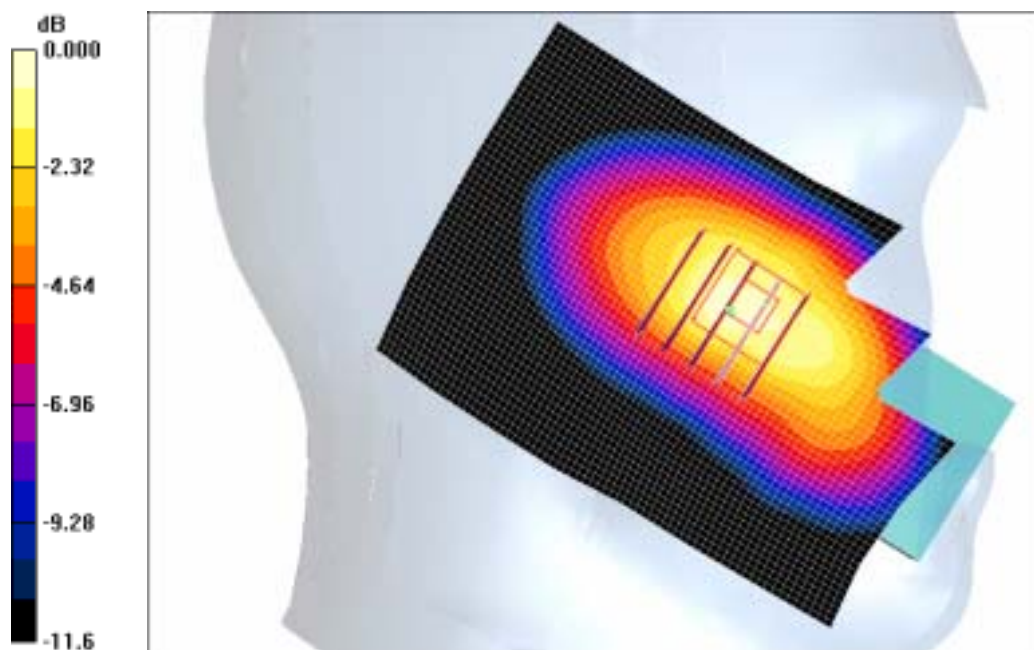
dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.90 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 1.29 mW/g

Maximum value of SAR (measured) = 1.36 mW/g



0 dB = 1.36mW/g

SAMSUNG FCC ID : A3LSCHA930 - - 835MHz CDMA Head SAR

DUT: SCH-A930; Serial: FC-167-G

Program Name: SPH-A930 CDMA Left (Job No.: FC-167)

Procedure Name: Tilt, 384ch, Ant.Intenna, Bat.Standard

Procedure Notes: Meas. Ambient Temp-22.6; Tissue Temp(celsius)-21.5; Test Date-23/Dec/2005 [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; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ 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 PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Tilt, 384ch, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

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

Tilt, 384ch, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 10.2 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.402 W/kg

SAR(1 g) = 0.315 mW/g

Maximum value of SAR (measured) = 0.329 mW/g



0 dB = 0.329mW/g

SAMSUNG FCC ID : A3LSCHA930 - - 835MHz CDMA Head SAR

DUT: SCH-A930; Serial: FC-167-G

Program Name: SCH-A930 CDMA Right (Job No.:FC-167)

Procedure Name: Cheek, 777ch, Ant.Intenna, Bat.Standard With BT ON

Procedure Notes: Meas. Ambient Temp-22.6; Tissue Temp(celsius)-21.5; Test Date-23/Dec/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; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ 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 PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek, 777ch, Ant.Intenna, Bat.Standard With BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 1.37 mW/g

Cheek, 777ch, Ant.Intenna, Bat.Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:

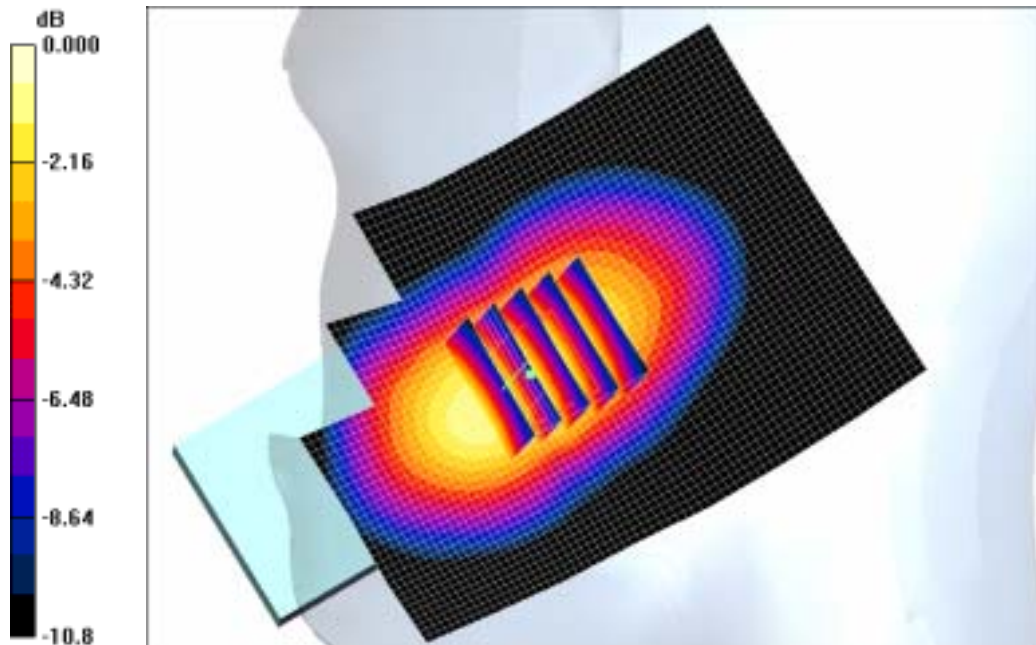
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.35 V/m; Power Drift = -0.198 dB

Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 1.33 mW/g

Maximum value of SAR (measured) = 1.43 mW/g



0 dB = 1.43mW/g

SAMSUNG FCC ID : A3LSCHA930 - - 835MHz CDMA Head SAR

DUT: SCH-A930; Serial: FC-167-G

Program Name: SCH-A930 CDMA Right (Job No.:FC-167)

Procedure Name: Cheek, 777ch, Ant.Intenna, Bat.Standard

Procedure Notes: Meas. Ambient Temp-22.6; Tissue Temp(celsius)-21.5; Test Date-23/Dec/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; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ 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 PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek, 777ch, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.41 mW/g

Cheek, 777ch, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 10.2 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 1.42 mW/g

Maximum value of SAR (measured) = 1.52 mW/g



SAMSUNG FCC ID : A3LSCHA930 - - 835MHz CDMA Head SAR

DUT: SCH-A930; Serial: FC-167-G

Program Name: SCH-A930 CDMA Right (Job No.:FC-167)

Procedure Name: Cheek, 777ch, Ant.Intenna, Bat.Standard With BT ON

Procedure Notes: Meas. Ambient Temp-22.6; Tissue Temp(celsius)-21.5; Test Date-23/Dec/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; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ 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 PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek, 777ch, Ant.Intenna, Bat.Standard With BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 1.37 mW/g

Cheek, 777ch, Ant.Intenna, Bat.Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 9.35 V/m; Power Drift = -0.198 dB

Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 1.33 mW/g

Maximum value of SAR (measured) = 1.43 mW/g



SAMSUNG FCC ID : A3LSCHA930 - - 835MHz CDMA Body SAR

DUT: SCH-A930(Body); Serial: FC-167-G

Program Name: SCH-A930 CDMA Body (Job No. : FC-167)

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

Procedure Notes: Meas.Ambient temp(celsius)-22.1;Tissue Temp(celsius)-21.6;Test Date-23/Dec/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; $\sigma = 0.99$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ 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 PHANTOM #1; 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/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.2 V/m; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 0.994 W/kg

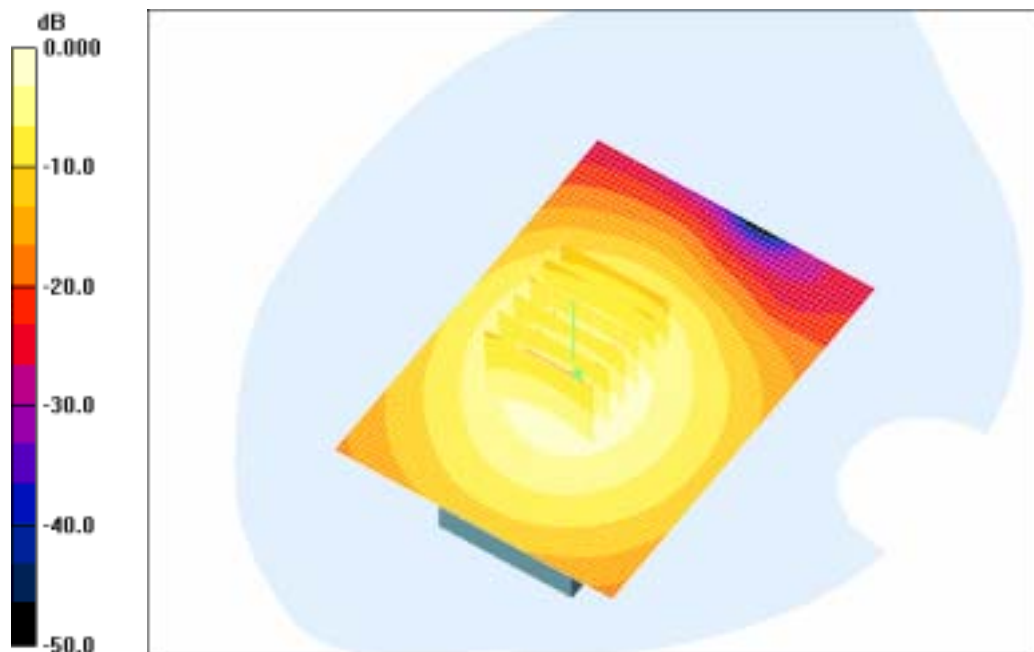
SAR(1 g) = 0.698 mW/g

Maximum value of SAR (measured) = 0.736 mW/g

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.759 mW/g



0 dB = 0.759mW/g

SAMSUNG FCC ID : A3LSCHA930 - - 835MHz CDMA Body SAR

DUT: SCH-A930(Body); Serial: FC-167-G

Program Name: SCH-A930 CDMA Body (Job No. : FC-167)

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

Procedure Notes: Meas.Ambient temp(celsius)-22.1;Tissue Temp(celsius)-21.6;Test Date-23/Dec/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; $\sigma = 0.99$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ 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 PHANTOM #1; 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 With BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 0.747 mW/g

Body, Ch. 0777, Ant. Intenna, Bat. Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:

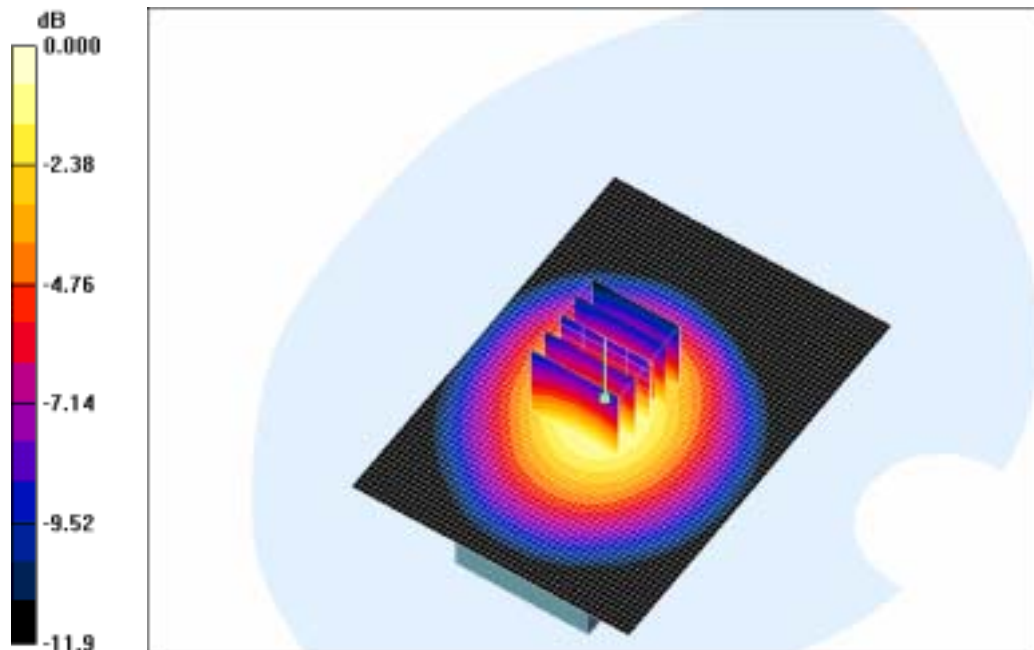
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.2 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.971 W/kg

SAR(1 g) = 0.680 mW/g

Maximum value of SAR (measured) = 0.733 mW/g



0 dB = 0.733mW/g

SAMSUNG FCC ID : A3LSCHA930 - - 835MHz CDMA Body SAR

DUT: SCH-A930(Body); Serial: FC-167-G

Program Name: SCH-A930 CDMA Body (Job No. : FC-167)

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

Procedure Notes: Meas.Ambient temp(celsius) - 22.1; Tissue Temp(celsius) - 21.6; Test Date - 23/Dec/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; $\sigma = 0.99$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ 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 PHANTOM #1; 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) = 0.759 mW/g

Body, Ch. 0777, Ant. Intenna, Bat. Standard/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.2 V/m; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 0.994 W/kg

SAR(1 g) = 0.698 mW/g

Maximum value of SAR (measured) = 0.736 mW/g



SAMSUNG FCC ID : A3LSCHA930 - - 835MHz CDMA Body SAR

DUT: SCH-A930(Body); Serial: FC-167-G

Program Name: SCH-A930 CDMA Body (Job No. : FC-167)

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

Procedure Notes: Meas.Ambient temp(celsius)-22.1;Tissue Temp(celsius)-21.6;Test Date-23/Dec/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; $\sigma = 0.99$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ 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 PHANTOM #1; 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 With BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 0.747 mW/g

Body, Ch. 0777, Ant. Intenna, Bat. Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 19.2 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.971 W/kg

SAR(1 g) = 0.680 mW/g

Maximum value of SAR (measured) = 0.733 mW/g



SAMSUNG FCC ID : A3LSCHA930 - - 835MHz CDMA Body SAR

DUT: SCH-A930(Body); Serial: FC-167-G

Program Name: SCH-A930 CDMA Body (Job No. : FC-167)

Procedure Name: Body, Ch. 0777, Ant. Intenna, Bat. Standard (EV-DO Call Mode)

Procedure Notes: Meas.Ambient temp(celsius) -22.1; Tissue Temp(celsius) -21.6; Test

Date -23/Dec/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; $\sigma = 0.99$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ 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 PHANTOM #1; 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 (EV-DO Call Mode)/Zoom Scan

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

Reference Value = 20.2 V/m; Power Drift = -0.173 dB

Peak SAR (extrapolated) = 0.876 W/kg

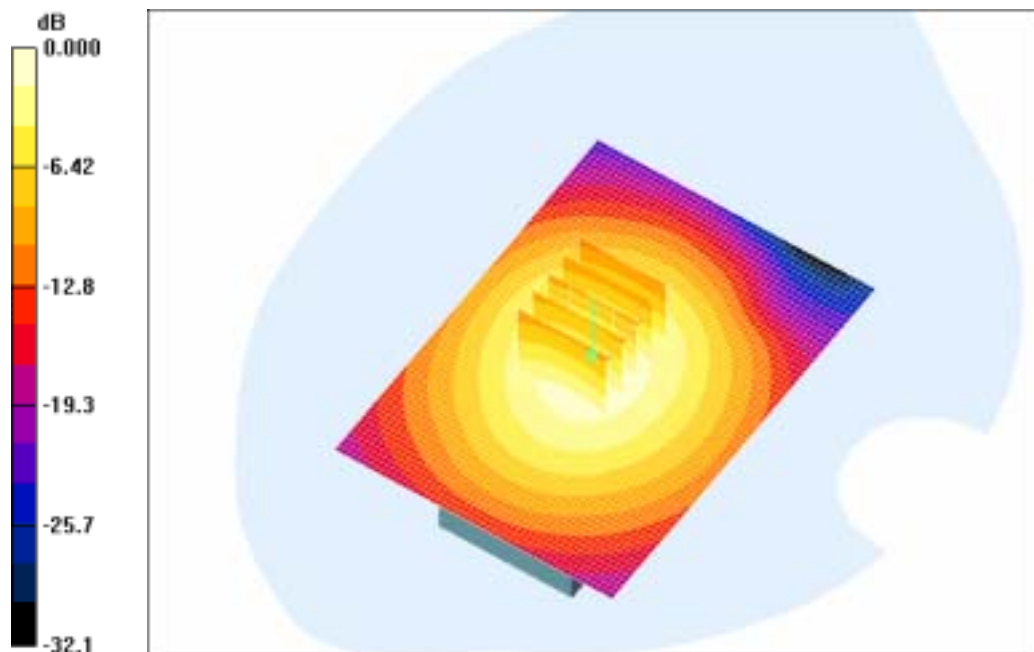
SAR(1 g) = 0.610 mW/g

Maximum value of SAR (measured) = 0.653 mW/g

Body, Ch. 0777, Ant. Intenna, Bat. Standard (EV-DO Call Mode)/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 0.685 mW/g



0 dB = 0.685mW/g

SAMSUNG FCC ID : A3LSCHA930 - - 1900MHz PCS Head SAR

DUT: SCH-A930; Serial: FC-167-G

Program Name: SCH-A930 PCS Right (Job No. : FC-167)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.5;Test Date-26/Dec/2005[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1908.75$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.1175, Intenna, Bat. Extended/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 4.99 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 1.43 W/kg

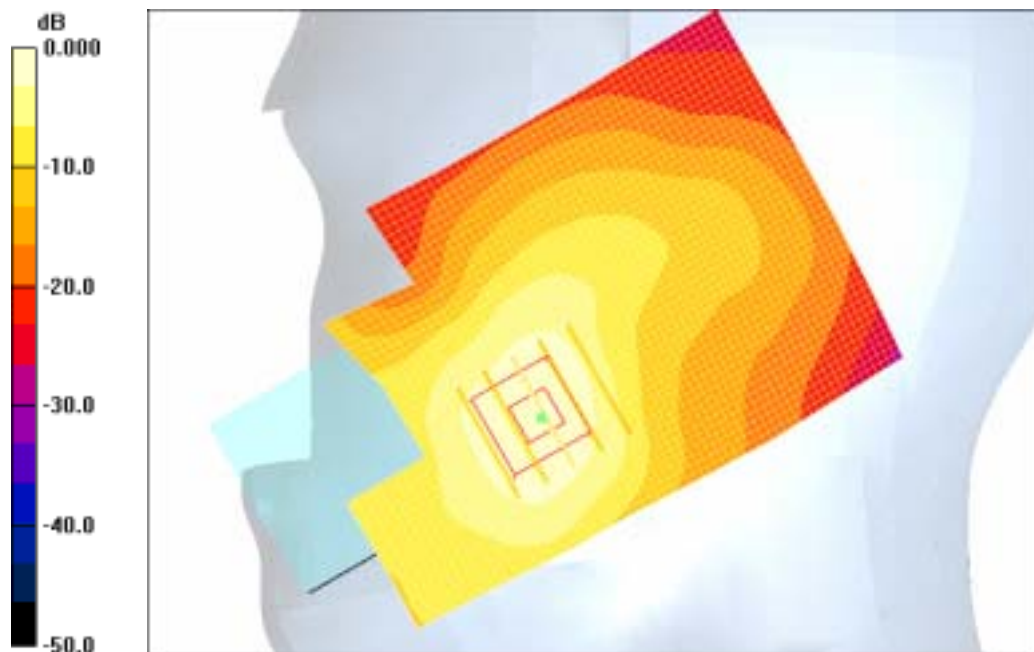
SAR(1 g) = 0.777 mW/g

Maximum value of SAR (measured) = 0.877 mW/g

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

grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.780 mW/g



0 dB = 0.780mW/g

SAMSUNG FCC ID : A3LSCHA930 - - 1900MHz PCS Head SAR

DUT: SCH-A930; Serial: FC-167-G

Program Name: SCH-A930 PCS Right (Job No. : FC-167)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.5;Test Date-26/Dec/2005[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.055 mW/g

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

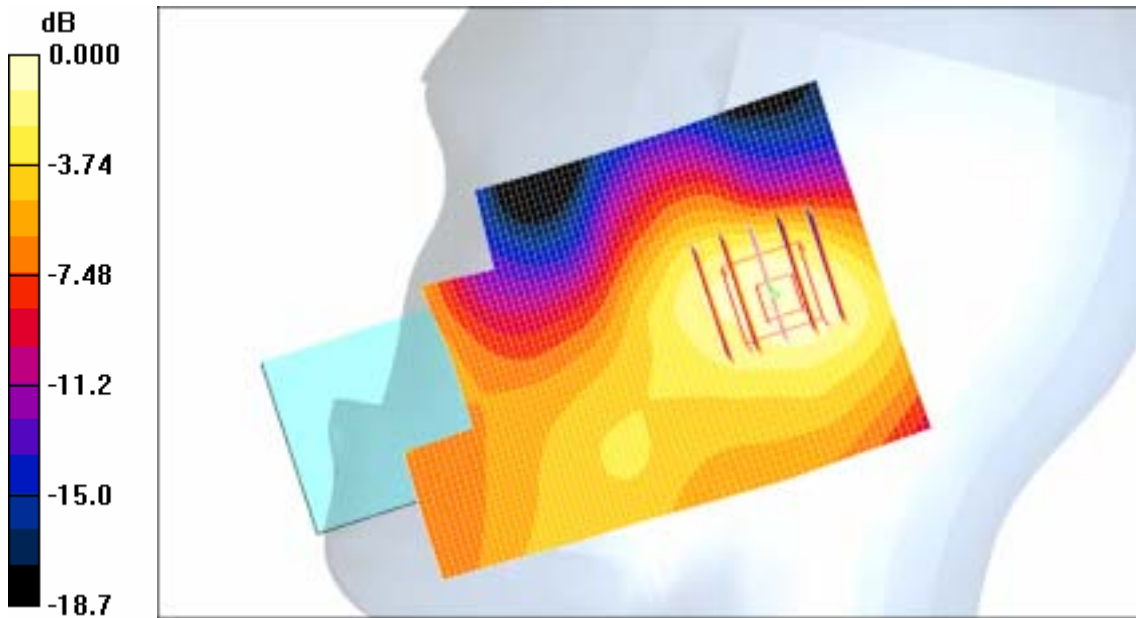
dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.49 V/m; Power Drift = 0.064 dB

Peak SAR (extrapolated) = 0.076 W/kg

SAR(1 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.055 mW/g



0 dB = 0.055mW/g

SAMSUNG FCC ID : A3LSCHA930 - - 1900MHz PCS Head SAR

DUT: SCH-A930; Serial: FC-167-G

Program Name: SCH-A930 PCS Left (Job No. : FC-167)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.5; Test Date-26/Dec/2005[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1908.75$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.1175 Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.415 mW/g

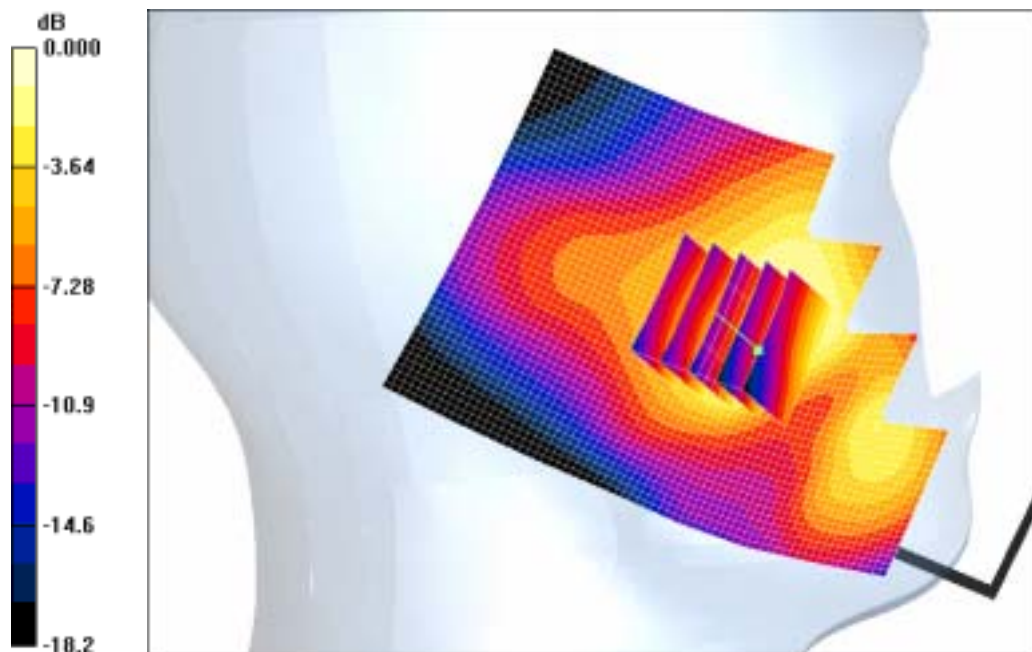
Cheek/Touch, Ch.1175 Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.62 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 0.704 W/kg

SAR(1 g) = 0.394 mW/g

Maximum value of SAR (measured) = 0.415 mW/g



0 dB = 0.415mW/g

SAMSUNG FCC ID : A3LSCHA930 - - 1900MHz PCS Head SAR

DUT: SCH-A930; Serial: FC-167-G

Program Name: SCH-A930 PCS Left (Job No. : FC-167)

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

Procedure Notes: Meas. Ambient Temp(celsius) -22.0; Tissue Temp(celsius) -21.5; Test Date -26/Dec/2005 [OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.41 \text{ mho/m}$; $\epsilon_r = 40.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

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

Reference Value = 6.89 V/m; Power Drift = -0.090 dB

Peak SAR (extrapolated) = 0.140 W/kg

SAR(1 g) = 0.092 mW/g

Maximum value of SAR (measured) = 0.100 mW/g

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

$dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.098 mW/g



0 dB = 0.098mW/g

SAMSUNG FCC ID : A3LSCHA930 - - 1900MHz PCS Head SAR

DUT: SCH-A930; Serial: FC-167-G

Program Name: SCH-A930 PCS Right (Job No. : FC-167)

Procedure Name: Cheek/Touch, Ch.1175, Intenna, Bat. Standard With BT ON

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.5; Test Date-26/Dec/2005[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1908.75$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

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

Maximum value of SAR (interpolated) = 0.711 mW/g

Cheek/Touch, Ch.1175, Intenna, Bat. Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:

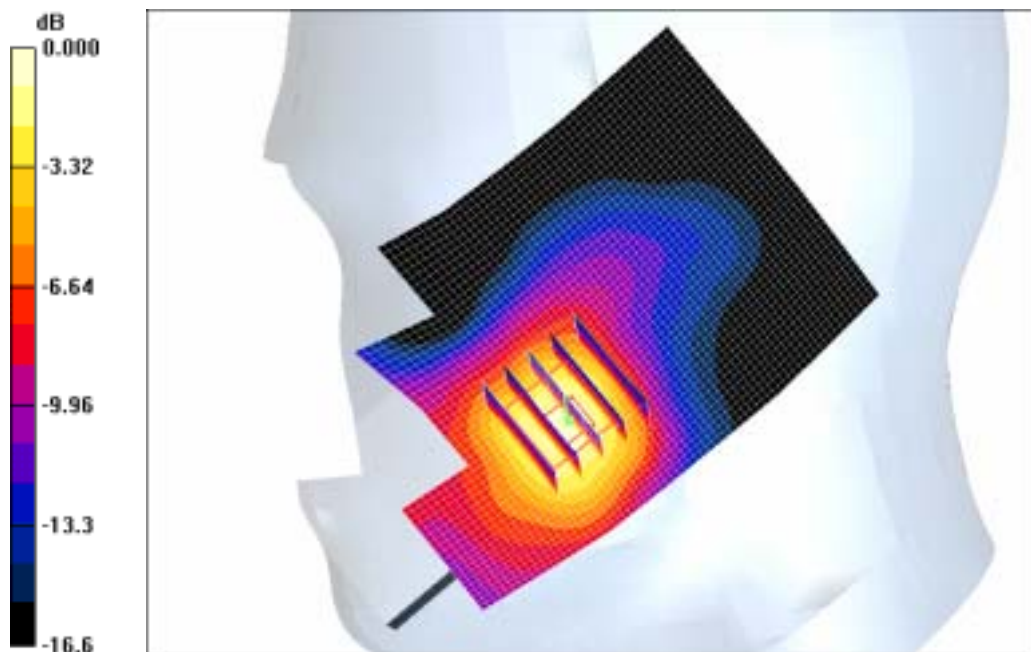
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.33 V/m; Power Drift = -0.153 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.709 mW/g

Maximum value of SAR (measured) = 0.795 mW/g



0 dB = 0.795mW/g

SAMSUNG FCC ID : A3LSCHA930 - - 1900MHz PCS Head SAR

DUT: SCH-A930; Serial: FC-167-G

Program Name: SCH-A930 PCS Right (Job No. : FC-167)

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

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.5; Test Date-26/Dec/2005[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1908.75$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.780 mW/g

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

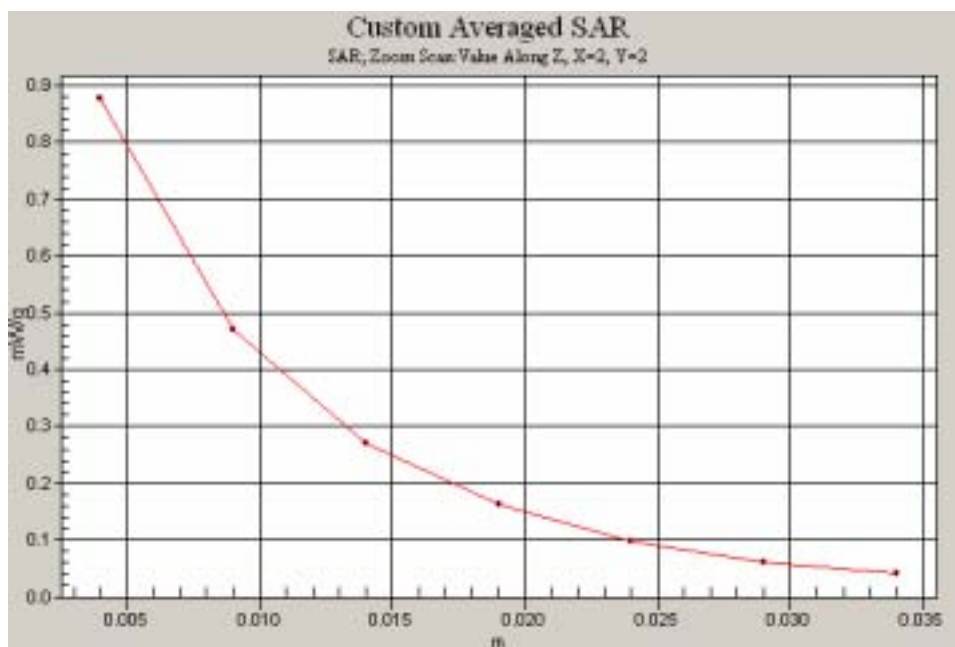
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.99 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.777 mW/g

Maximum value of SAR (measured) = 0.877 mW/g



SAMSUNG FCC ID : A3LSCHA930 - - 1900MHz PCS Head SAR

DUT: SCH-A930; Serial: FC-167-G

Program Name: SCH-A930 PCS Right (Job No. : FC-167)

Procedure Name: Cheek/Touch, Ch.1175, Intenna, Bat. Standard With BT ON

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.5; Test Date-26/Dec/2005[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1908.75$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

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

Maximum value of SAR (interpolated) = 0.711 mW/g

Cheek/Touch, Ch.1175, Intenna, Bat. Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 4.33 V/m; Power Drift = -0.153 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.709 mW/g

Maximum value of SAR (measured) = 0.795 mW/g



SAMSUNG FCC ID : A3LSCHA930 - - 1900MHz PCS Body SAR

DUT: SCH-A930(Body); Serial: FC-167-G

Program Name: SCH-A930 PCS Body (Job No. : FC-167)

Procedure Name: Body, Ch. 0025, Ant. Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.5; Test Date-26/Dec/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(4.47, 4.47, 4.47); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch. 0025, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.0 V/m; Power Drift = -0.114 dB

Peak SAR (extrapolated) = 2.28 W/kg

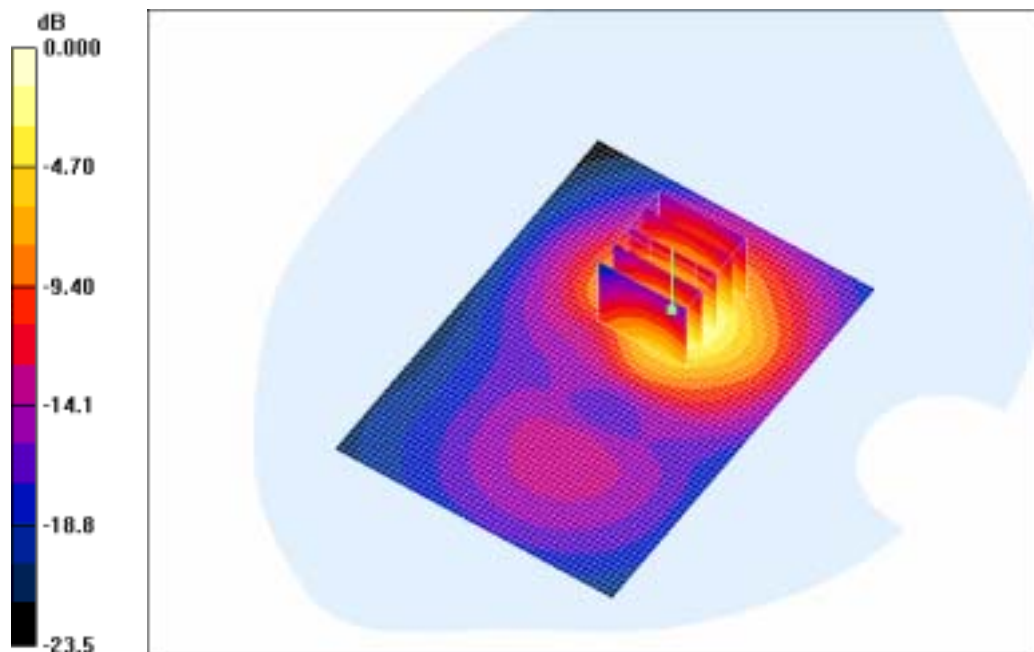
SAR(1 g) = 1.37 mW/g

Maximum value of SAR (measured) = 1.52 mW/g

Body, Ch. 0025, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.48 mW/g



0 dB = 1.48mW/g

SAMSUNG FCC ID : A3LSCHA930 - - 1900MHz PCS Body SAR

DUT: SCH-A930(Body); Serial: FC-167-G

Program Name: SCH-A930 PCS Body (Job No. : FC-167)

Procedure Name: Body, Ch. 0025, Ant. Intenna, Bat. Standard With BT ON

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.5; Test Date-26/Dec/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(4.47, 4.47, 4.47); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch. 0025, Ant. Intenna, Bat. Standard With BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 1.49 mW/g

Body, Ch. 0025, Ant. Intenna, Bat. Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:

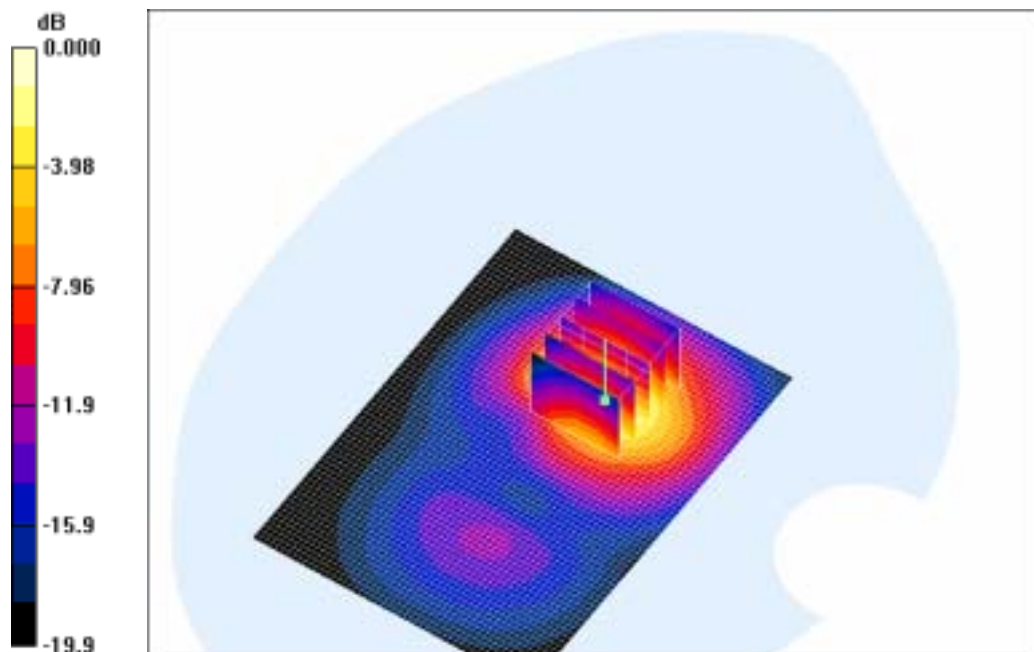
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.6 V/m; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 2.24 W/kg

SAR(1 g) = 1.34 mW/g

Maximum value of SAR (measured) = 1.49 mW/g



0 dB = 1.49mW/g

SAMSUNG FCC ID : A3LSCHA930 - - 1900MHz PCS Body SAR

DUT: SCH-A930(Body); Serial: FC-167-G

Program Name: SCH-A930 PCS Body (Job No. : FC-167)

Procedure Name: Body, Ch. 0025, Ant. Intenna, Bat. Standard

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.5; Test Date-26/Dec/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(4.47, 4.47, 4.47); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch. 0025, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.48 mW/g

Body, Ch. 0025, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.0 V/m; Power Drift = -0.114 dB

Peak SAR (extrapolated) = 2.28 W/kg

SAR(1 g) = 1.37 mW/g

Maximum value of SAR (measured) = 1.52 mW/g



SAMSUNG FCC ID : A3LSCHA930 - - 1900MHz PCS Body SAR

DUT: SCH-A930(Body); Serial: FC-167-G

Program Name: SCH-A930 PCS Body (Job No. : FC-167)

Procedure Name: Body, Ch. 0025, Ant. Intenna, Bat. Standard With BT ON

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.5; Test Date-26/Dec/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(4.47, 4.47, 4.47); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch. 0025, Ant. Intenna, Bat. Standard With BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 1.49 mW/g

Body, Ch. 0025, Ant. Intenna, Bat. Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 29.6 V/m; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 2.24 W/kg

SAR(1 g) = 1.34 mW/g

Maximum value of SAR (measured) = 1.49 mW/g



SAMSUNG FCC ID : A3LSCHA930 - - 1900MHz PCS Body SAR

DUT: SCH-A930(Body); Serial: FC-167-G

Program Name: SCH-A930 PCS Body (Job No. : FC-167)

Procedure Name: Body, Ch. 0025, Ant. Intenna, Bat. Standard EV-DO

Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.5; Test Date-26/Dec/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(4.47, 4.47, 4.47); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch. 0025, Ant. Intenna, Bat. Standard EV-DO/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.08 mW/g

Body, Ch. 0025, Ant. Intenna, Bat. Standard EV-DO/Zoom Scan (5x5x7)/Cube 0:

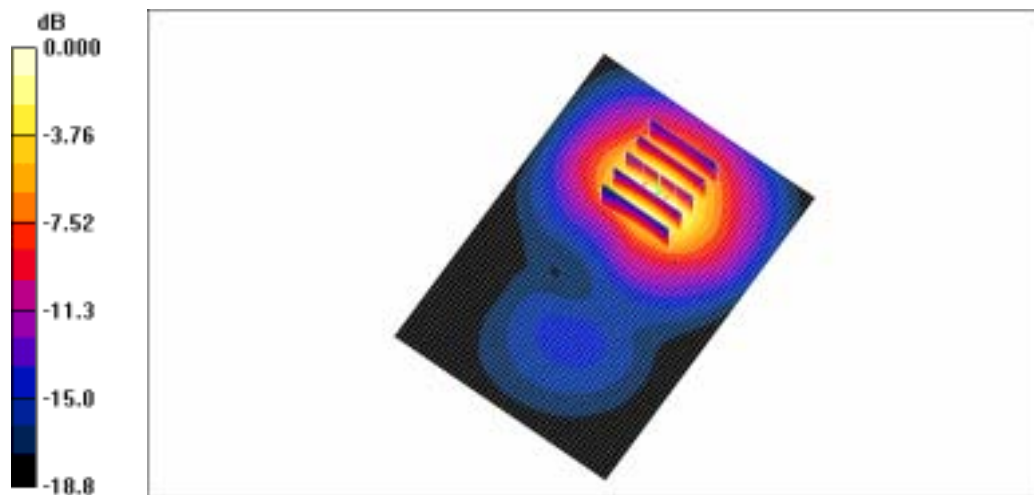
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.4 V/m; Power Drift = 0.072 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 0.991 mW/g

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



0 dB = 1.14mW/g