

APPENDIX G

Plots of The SAR Measurements

SAMSUNG FCC ID : A3LSCHA630 -- 835MHz CDMA Head SAR

DUT: SCH-A630; Serial: FC-076-H

Program Name: SCH-A630 CDMA Right (Job No. : FC-076)

Procedure Name: Cheek/Touch, Ch.1013, Ant.Intenna, Bat. Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.4;Test Date-8/Jun/2005[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; $\sigma = 0.92$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ 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 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Cheek/Touch, Ch.1013, Ant.Intenna, Bat. Extended/Area Scan (51x71x1):

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

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

Cheek/Touch, Ch.1013, Ant.Intenna, Bat. Extended/Zoom Scan (5x5x7)/Cube 0:

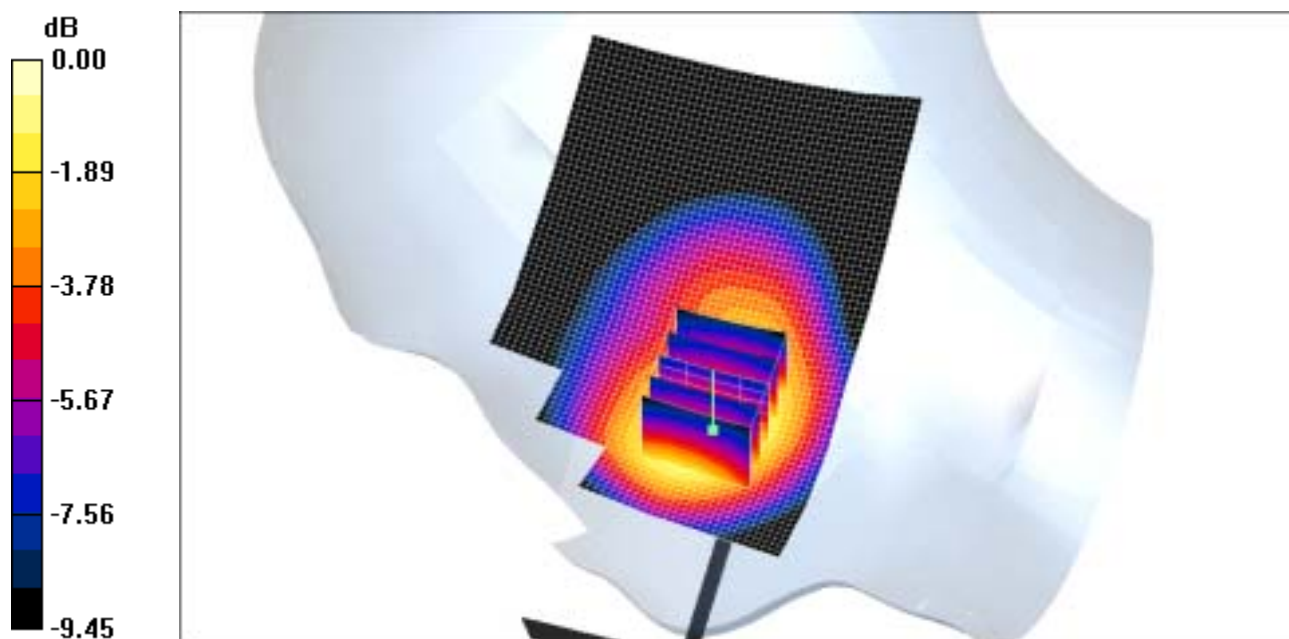
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.75 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 0.958 W/kg

SAR(1 g) = 0.713 mW/g

Maximum value of SAR (measured) = 0.761 mW/g



0 dB = 0.761mW/g

SAMSUNG FCC ID : A3LSCHA630 -- 835MHz CDMA Head SAR

DUT: SCH-A630; Serial: FC-076-H

Program Name: SCH-A630 CDMA Right (Job No. : FC-076)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.4;Test Date-8/Jun/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; $\sigma = 0.92$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ 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 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.101 mW/g

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

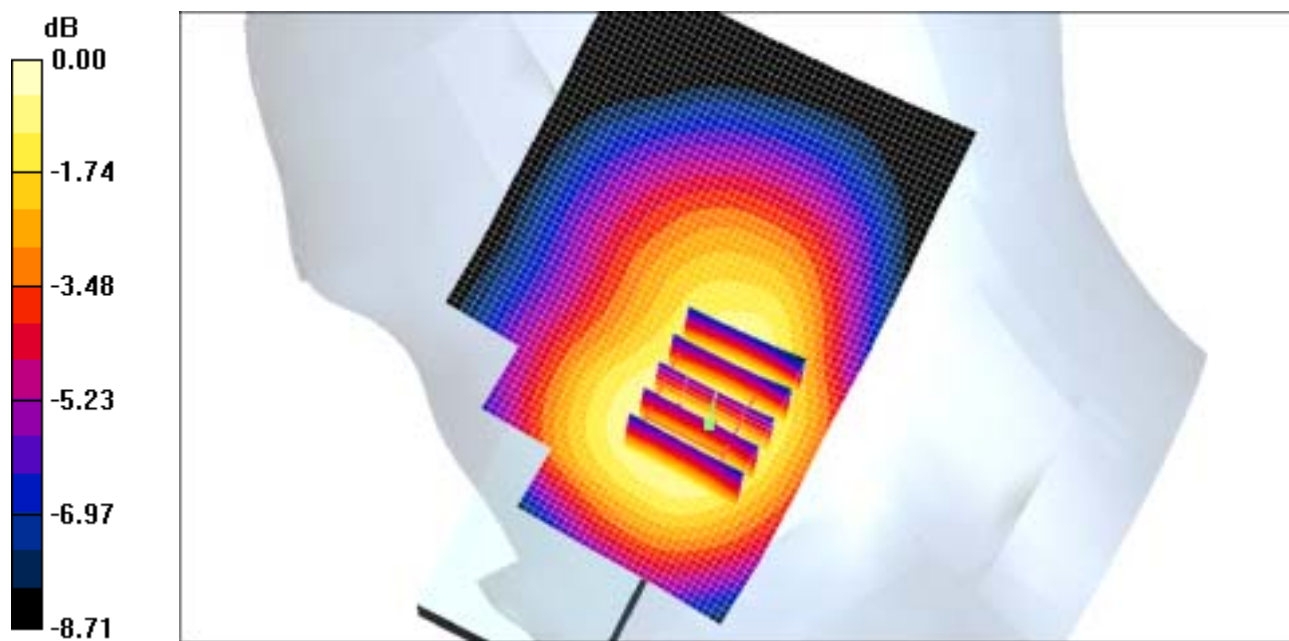
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.76 V/m; Power Drift = -0.092 dB

Peak SAR (extrapolated) = 0.120 W/kg

SAR(1 g) = 0.095 mW/g

Maximum value of SAR (measured) = 0.099 mW/g



0 dB = 0.099mW/g

SAMSUNG FCC ID : A3LSCHA630 -- 835MHz CDMA Head SAR

DUT: SCH-A630; Serial: FC-076-H

Program Name: SCH-A630 CDMA Left (Job No. : FC-076)

Procedure Name: Cheek/Touch, Ch.1013, Ant.Intenna, Bat. Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.4;Test Date-8/Jun/2005[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; $\sigma = 0.92$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ 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 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Cheek/Touch, Ch.1013, Ant.Intenna, Bat. Extended/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 0.651 mW/g

Cheek/Touch, Ch.1013, Ant.Intenna, Bat. Extended/Zoom Scan (5x5x7)/Cube 0:

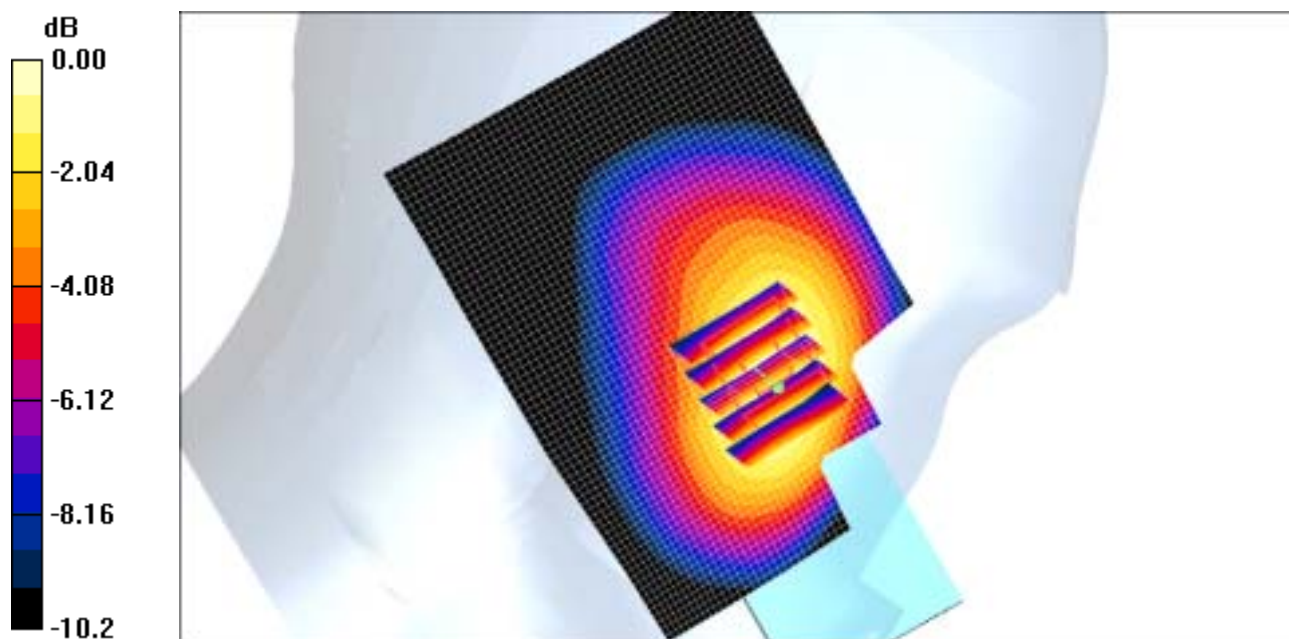
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.00 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 0.816 W/kg

SAR(1 g) = 0.633 mW/g

Maximum value of SAR (measured) = 0.657 mW/g



0 dB = 0.657mW/g

SAMSUNG FCC ID : A3LSCHA630 -- 835MHz CDMA Head SAR

DUT: SCH-A630; Serial: FC-076-H

Program Name: SCH-A630 CDMA Left (Job No. : FC-076)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.4;Test Date-8/Jun/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; $\sigma = 0.92$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ 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 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.121 mW/g

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

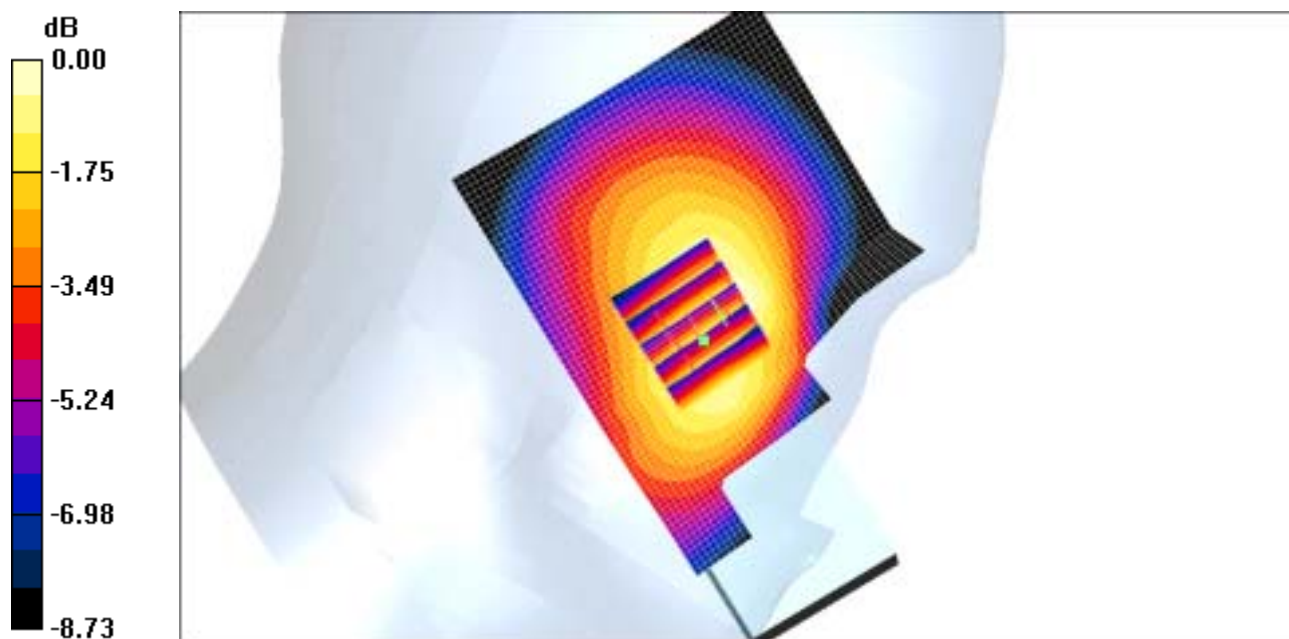
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.40 V/m; Power Drift = -0.073 dB

Peak SAR (extrapolated) = 0.138 W/kg

SAR(1 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.114 mW/g



0 dB = 0.114mW/g

SAMSUNG FCC ID : A3LSCHA630 -- 835MHz CDMA Body SAR

DUT: SCH-A630(Body); Serial: FC-076-H

Program Name: SCH-A630 CDMA Body (Job No. : FC-076)

Procedure Name: Body, Ch. 1013, Ant. Intenna, Bat. Standard with holster rotation -90 degree

Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-8/Jun/2005[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; $\sigma = 0.97$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ 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 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body, Ch. 1013, Ant. Intenna, Bat. Standard with holster rotation -90 degree/Area

Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.05 mW/g

Body, Ch. 1013, Ant. Intenna, Bat. Standard with holster rotation -90 degree/Zoom

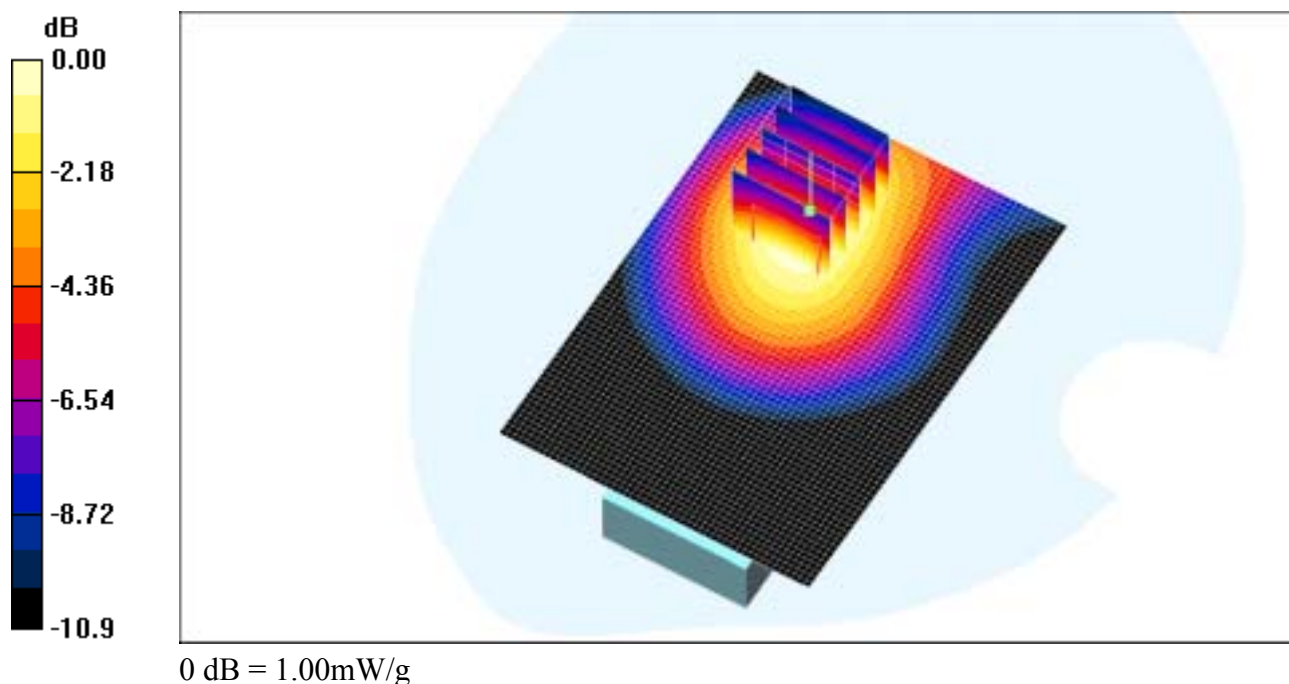
Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.3 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.943 mW/g

Maximum value of SAR (measured) = 1.00 mW/g



SAMSUNG FCC ID : A3LSCHA630 -- 1900MHz PCS Head SAR

DUT: SCH-A630; Serial: FC-076-H

Program Name: SCH-A630 PCS Right (Job No. : FC-076)

Procedure Name: Cheek/Touch, Ch.0025, Ant.Intenna, Bat. Extended

Procedure Notes: Meas.Tissue Temp(celsius)-20.5;Test Date-07/Jun/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; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.11, 5.11, 5.11); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Cheek/Touch, Ch.0025, Ant.Intenna, Bat. Extended/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 1.61 mW/g

Cheek/Touch, Ch.0025, Ant.Intenna, Bat. Extended/Zoom Scan (5x5x7)/Cube 0:

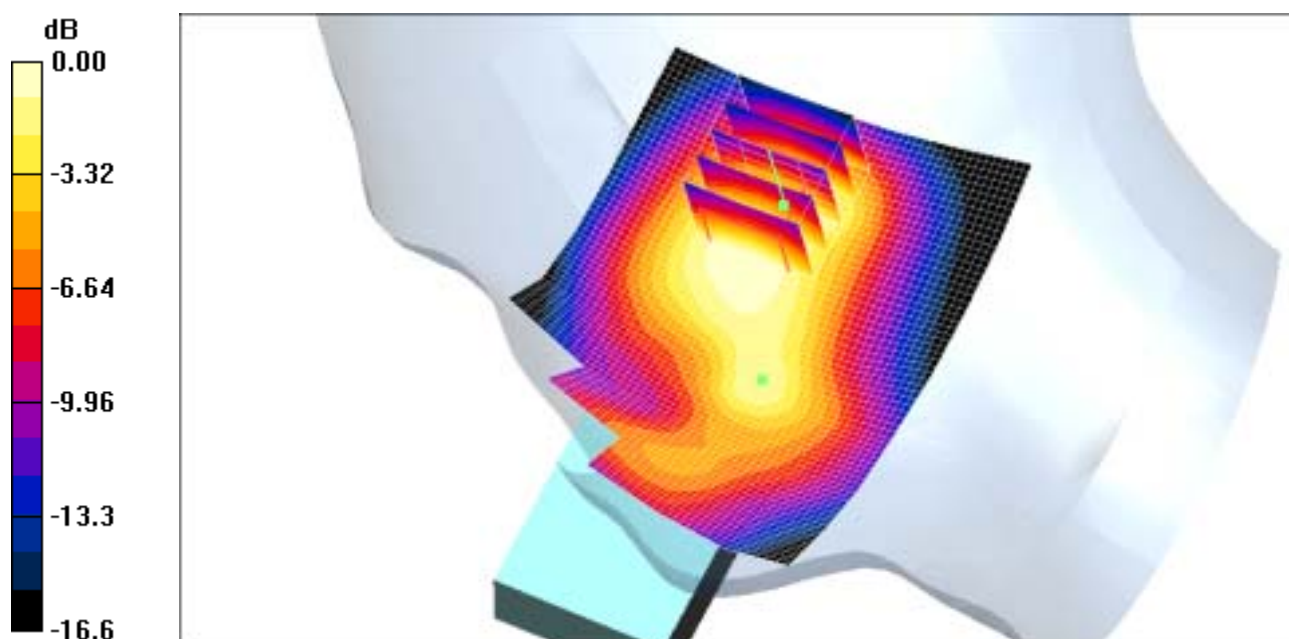
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.9 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 1.3 mW/g

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



0 dB = 1.36mW/g

SAMSUNG FCC ID : A3LSCHA630 -- 1900MHz PCS Head SAR

DUT: SCH-A630; Serial: FC-076-H

Program Name: SCH-A630 PCS Right (Job No. : FC-076)

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

Procedure Notes: Meas.Tissue Temp(celsius)-20.5;Test Date-07/Jun/2005[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.11, 5.11, 5.11); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Ear/Tilt, Ch.0600, Ant.Intenna, Bat. Extended/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.695 mW/g

Ear/Tilt, Ch.0600, Ant.Intenna, Bat. Extended/Zoom Scan (5x5x7)/Cube 0:

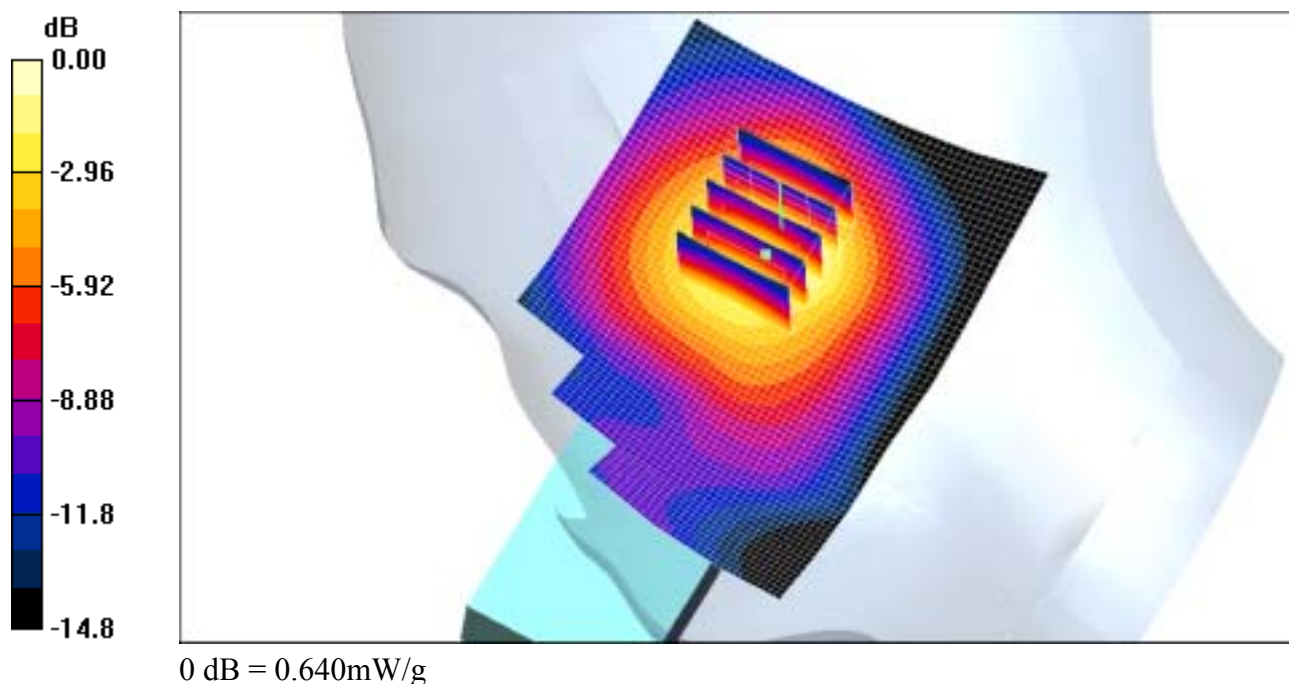
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.7 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 0.890 W/kg

SAR(1 g) = 0.594 mW/g

Maximum value of SAR (measured) = 0.640 mW/g



SAMSUNG FCC ID : A3LSCHA630 -- 1900MHz PCS Head SAR

DUT: SCH-A630; Serial: FC-076-H

Program Name: SCH-A630 PCS Left (Job No. : FC-076)

Procedure Name: Cheek/Touch, Ch.25, Ant.Intenna, Bat. Extended

Procedure Notes: Meas.Tissue Temp(celsius)-20.5;Test Date-07/Jun/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; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.11, 5.11, 5.11); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Cheek/Touch, Ch.25, Ant.Intenna, Bat. Extended/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.53 mW/g

Cheek/Touch, Ch.25, Ant.Intenna, Bat. Extended/Zoom Scan (5x5x7)/Cube 0:

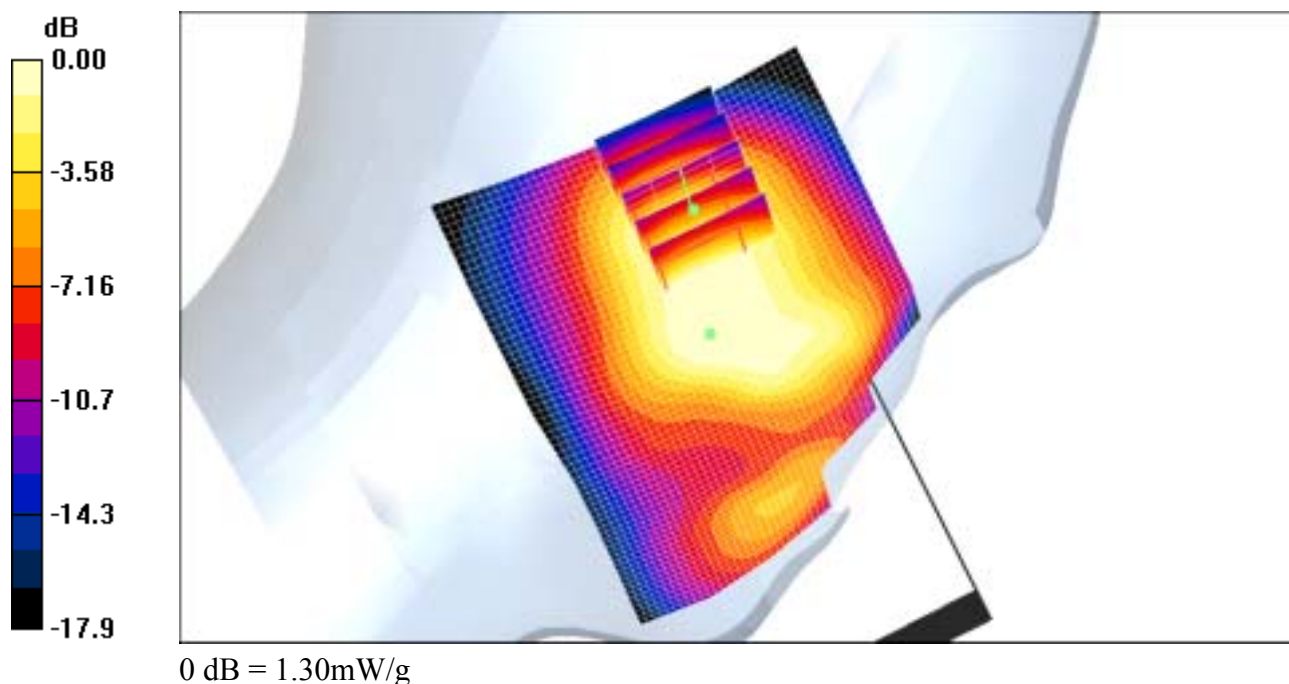
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.5 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 1.23 mW/g

Maximum value of SAR (measured) = 1.30 mW/g



SAMSUNG FCC ID : A3LSCHA630 -- 1900MHz PCS Head SAR

DUT: SCH-A630; Serial: FC-076-H

Program Name: SCH-A630 PCS Left (Job No. : FC-076)

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

Procedure Notes: Meas.Tissue Temp(celsius)-20.5;Test Date-07/Jun/2005[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.11, 5.11, 5.11); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Ear/Tilt, Ch.0600, Ant.Intenna, Bat. Extended/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.645 mW/g

Ear/Tilt, Ch.0600, Ant.Intenna, Bat. Extended/Zoom Scan (5x5x7)/Cube 0:

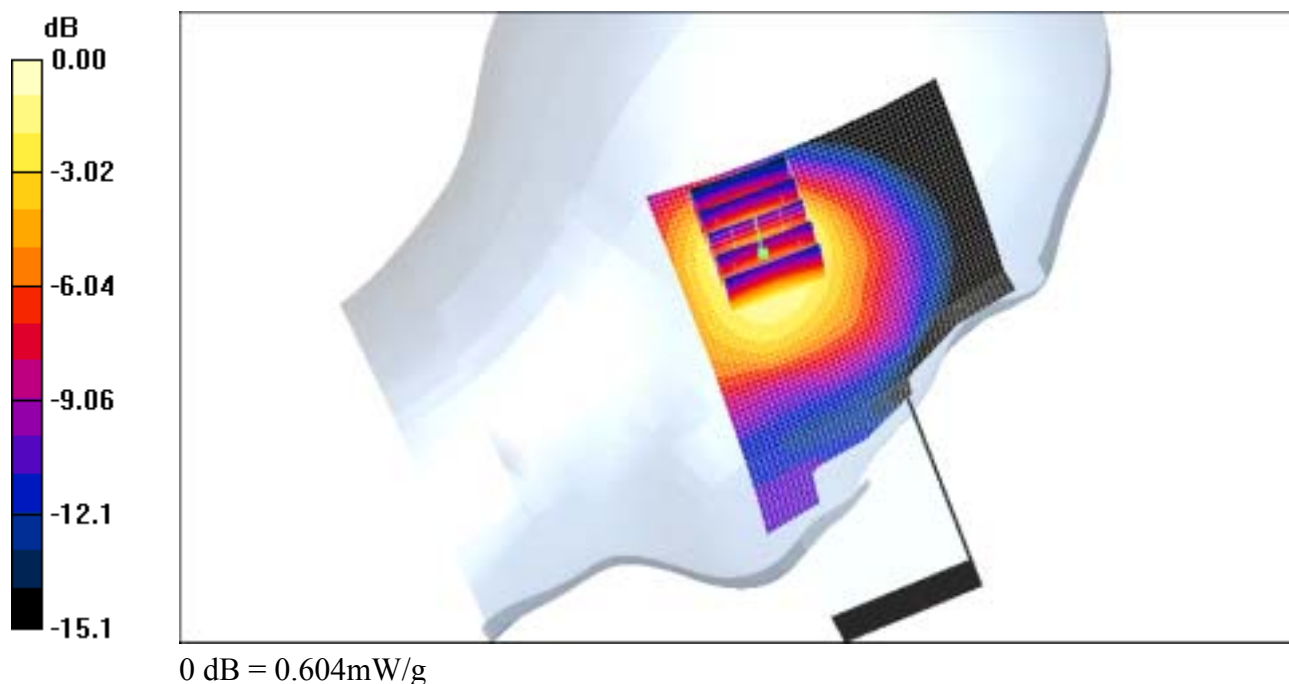
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.2 V/m; Power Drift = -0.096 dB

Peak SAR (extrapolated) = 0.843 W/kg

SAR(1 g) = 0.562 mW/g

Maximum value of SAR (measured) = 0.604 mW/g



SAMSUNG FCC ID : A3LSCHA630 -- 1900MHz PCS Body SAR

DUT: SCH-A630(Body); Serial: FC-076-H

Program Name: SCH-A630 PCS Body (Job No. : FC-076)

Procedure Name: Body, Ch. 0025, Ant. Intenna, Bat. Standard with holster rotation 90 degree

Procedure Notes: Meas.Tissue Temp(celsius)-20.6;Test Date-07/Jun/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; $\sigma = 1.54$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(4.46, 4.46, 4.46); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body, Ch. 0025, Ant. Intenna, Bat. Standard with holster rotation 90 degree/Zoom

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

Reference Value = 11.0 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 1.00 W/kg

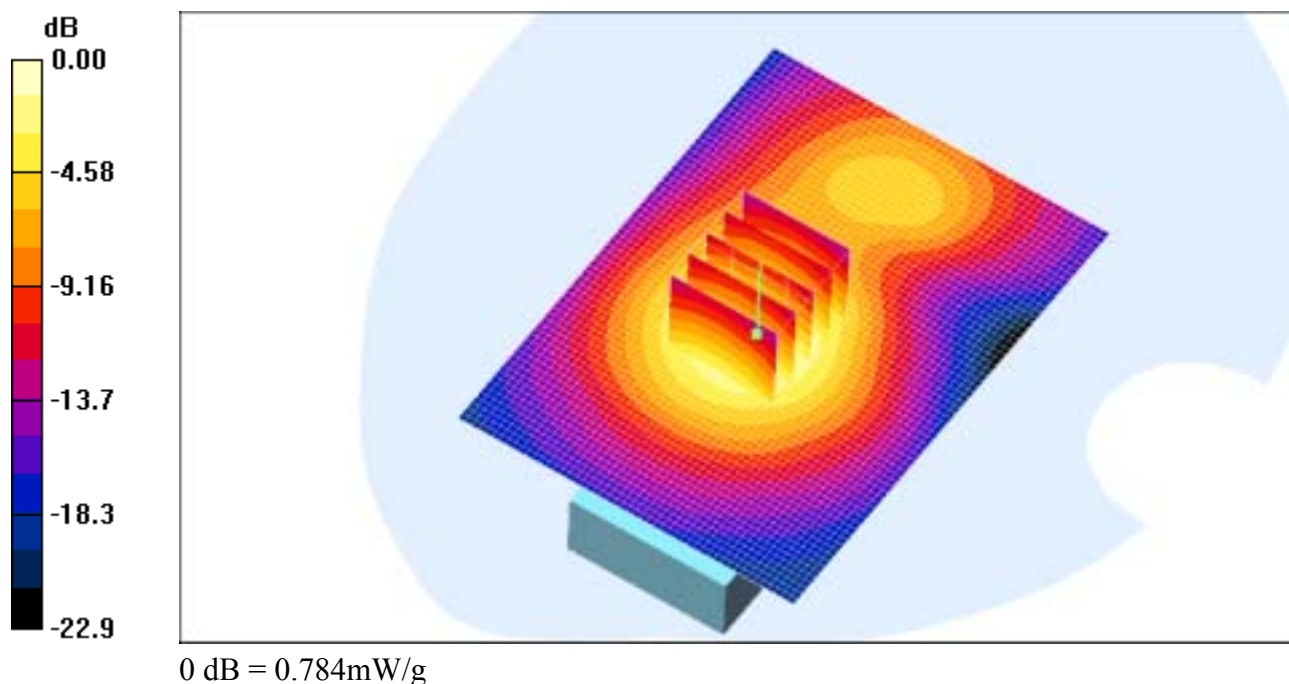
SAR(1 g) = 0.706 mW/g

Maximum value of SAR (measured) = 0.772 mW/g

Body, Ch. 0025, Ant. Intenna, Bat. Standard with holster rotation 90 degree/Area

Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.784 mW/g



SAMSUNG FCC ID : A3LSCHA630 -- 1900MHz PCS Head SAR

DUT: SCH-A630; Serial: FC-076-H

Program Name: SCH-A630 PCS Right (Job No. : FC-076)

Procedure Name: Cheek/Touch, Ch.0025, Ant.Intenna, Bat. Extended

Procedure Notes: Meas.Tissue Temp(celsius)-20.5;Test Date-07/Jun/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; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.11, 5.11, 5.11); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Cheek/Touch, Ch.0025, Ant.Intenna, Bat. Extended/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 1.61 mW/g

Cheek/Touch, Ch.0025, Ant.Intenna, Bat. Extended/Zoom Scan (5x5x7)/Cube 0:

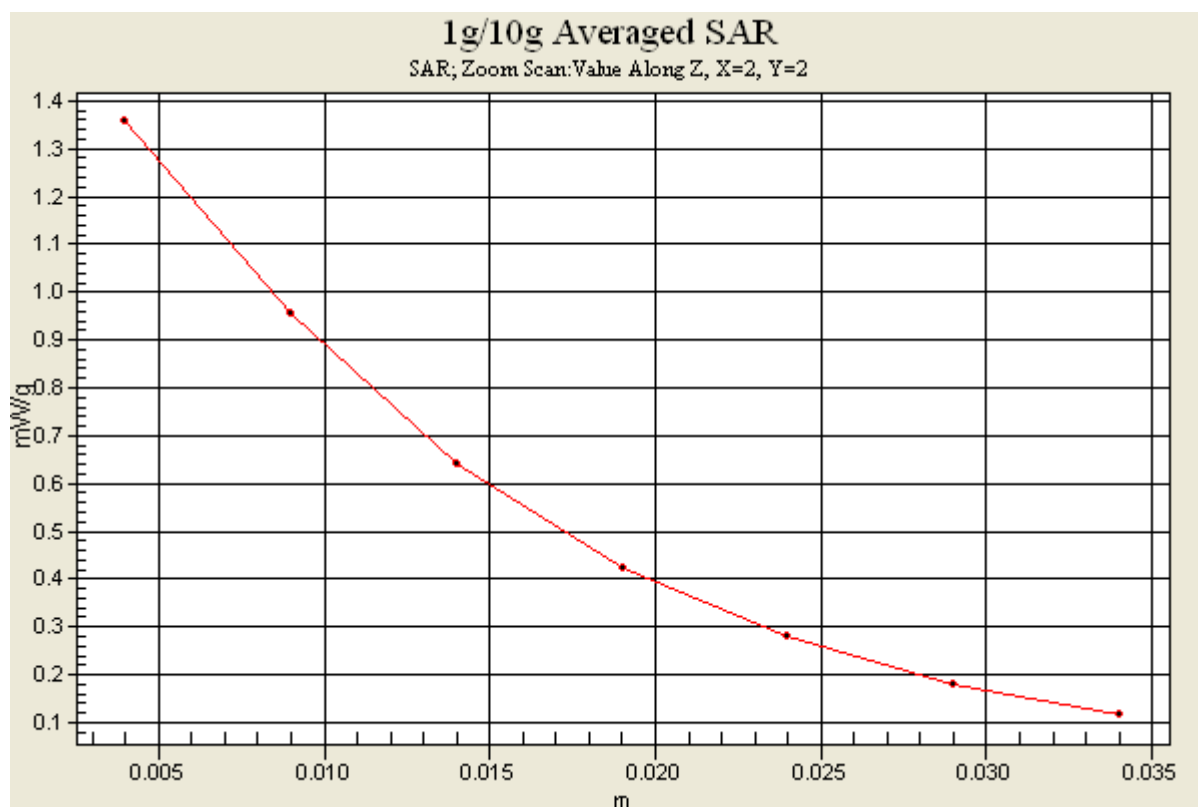
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.9 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 1.3 mW/g

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



SAMSUNG FCC ID : A3LSCHA630 -- 1900MHz PCS Body SAR

DUT: SCH-A630(Body); Serial: FC-076-H

Program Name: SCH-A630 PCS Body (Job No. : FC-076)

Procedure Name: Body, Ch. 0025, Ant. Intenna, Bat. Standard with holster rotation 90 degree

Procedure Notes: Meas.Tissue Temp(celsius)-20.6;Test Date-07/Jun/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; $\sigma = 1.54$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(4.46, 4.46, 4.46); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body, Ch. 0025, Ant. Intenna, Bat. Standard with holster rotation 90 degree/Zoom

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

Reference Value = 11.0 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 1.00 W/kg

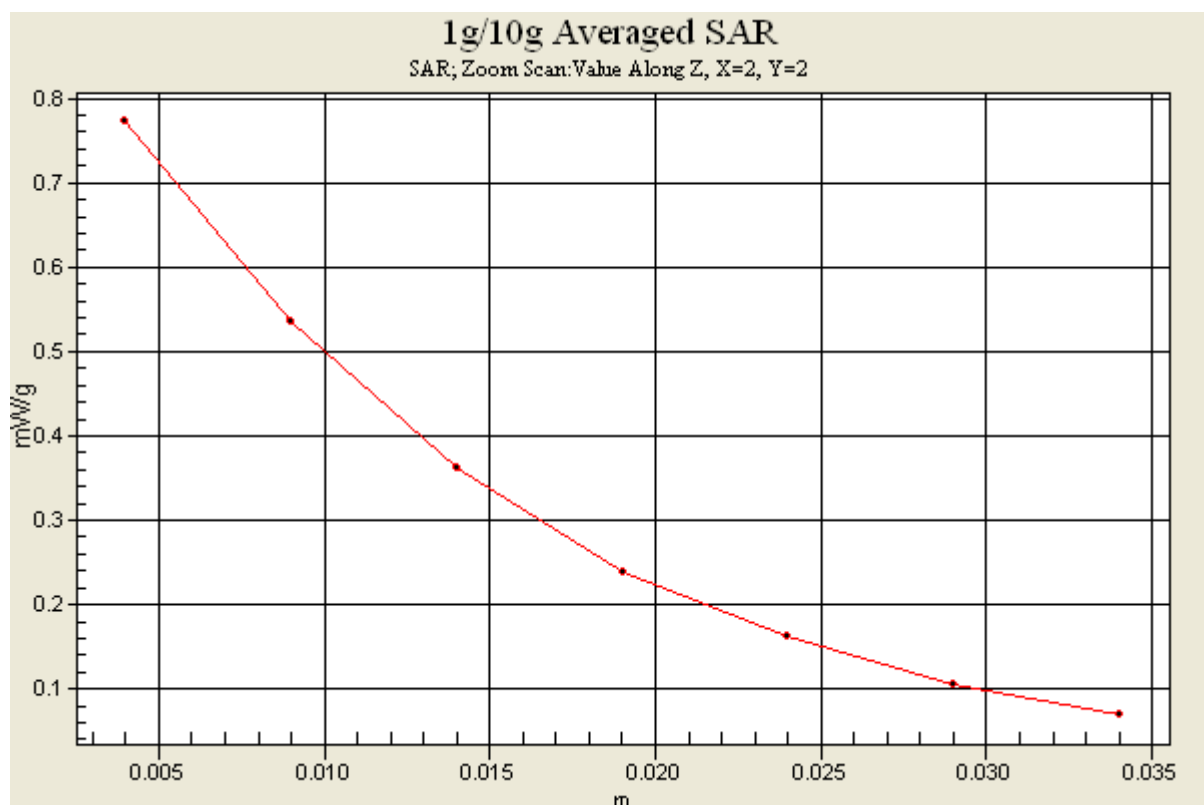
SAR(1 g) = 0.706 mW/g

Maximum value of SAR (measured) = 0.772 mW/g

Body, Ch. 0025, Ant. Intenna, Bat. Standard with holster rotation 90 degree/Area

Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.784 mW/g



SAMSUNG FCC ID : A3LSCHA630 -- 835MHz CDMA Head SAR

DUT: SCH-A630; Serial: FC-076-H

Program Name: SCH-A630 CDMA Right (Job No. : FC-076)

Procedure Name: Cheek/Touch, Ch.1013, Ant.Intenna, Bat. Extended

Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-8/Jun/2005[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; $\sigma = 0.92$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ 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 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Cheek/Touch, Ch.1013, Ant.Intenna, Bat. Extended/Area Scan (51x71x1):

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

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

Cheek/Touch, Ch.1013, Ant.Intenna, Bat. Extended/Zoom Scan (5x5x7)/Cube 0:

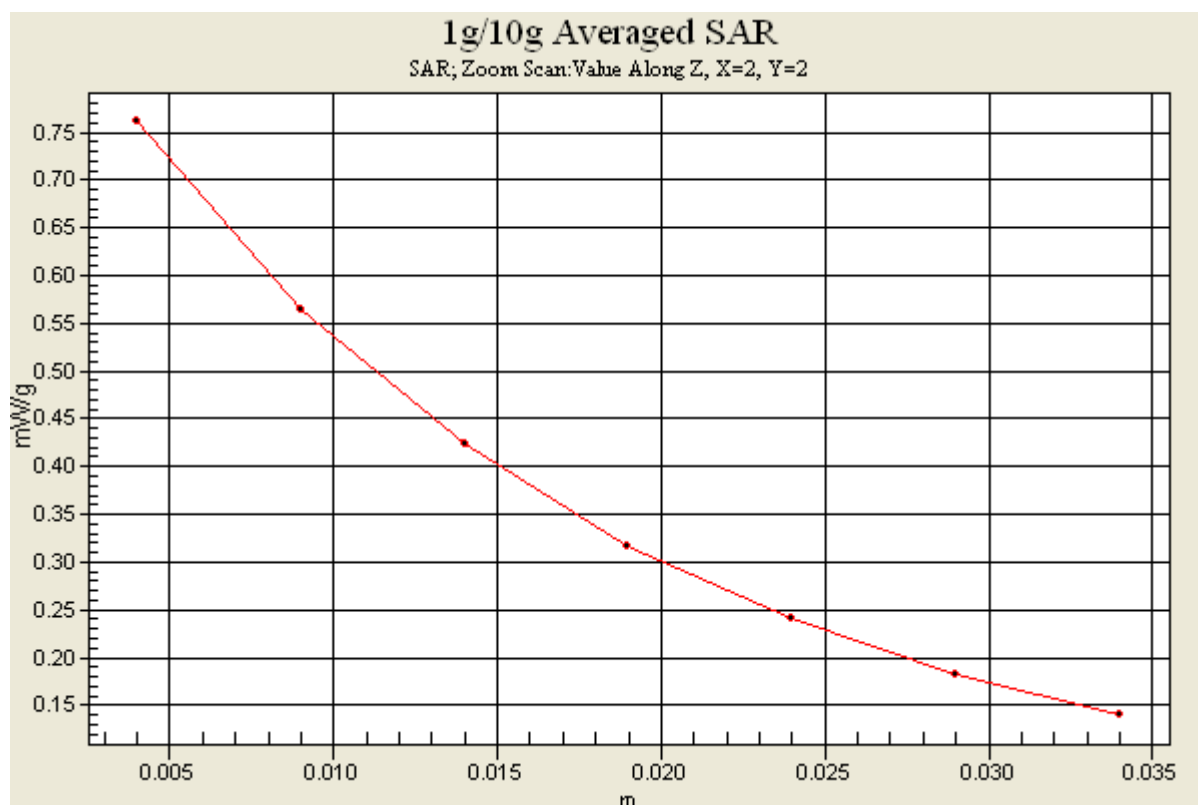
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.75 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 0.958 W/kg

SAR(1 g) = 0.713 mW/g

Maximum value of SAR (measured) = 0.761 mW/g



SAMSUNG FCC ID : A3LSCHA630 -- 835MHz CDMA Head SAR

DUT: SCH-A630(Body); Serial: FC-076-H

Program Name: SCH-A630 CDMA Body (Job No. : FC-076)

Procedure Name: Body, Ch. 1013, Ant. Intenna, Bat. Standard with holster rotation -90 degree

Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-8/Jun/2005[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; $\sigma = 0.97$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ 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 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body, Ch. 1013, Ant. Intenna, Bat. Standard with holster rotation -90 degree/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.05 mW/g

Body, Ch. 1013, Ant. Intenna, Bat. Standard with holster rotation -90 degree/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.3 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.943 mW/g

Maximum value of SAR (measured) = 1.00 mW/g

