

LC_PCS CH512

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used (interpolated): $f = 1850.2$ MHz;

$\sigma = 1.38$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1531; ConvF(5.09, 5.09, 5.09); Calibrated: 1/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 9/5/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Left Cheek/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.178 mW/g

Left Cheek/Zoom Scan (5x5x7)/Cube 0:

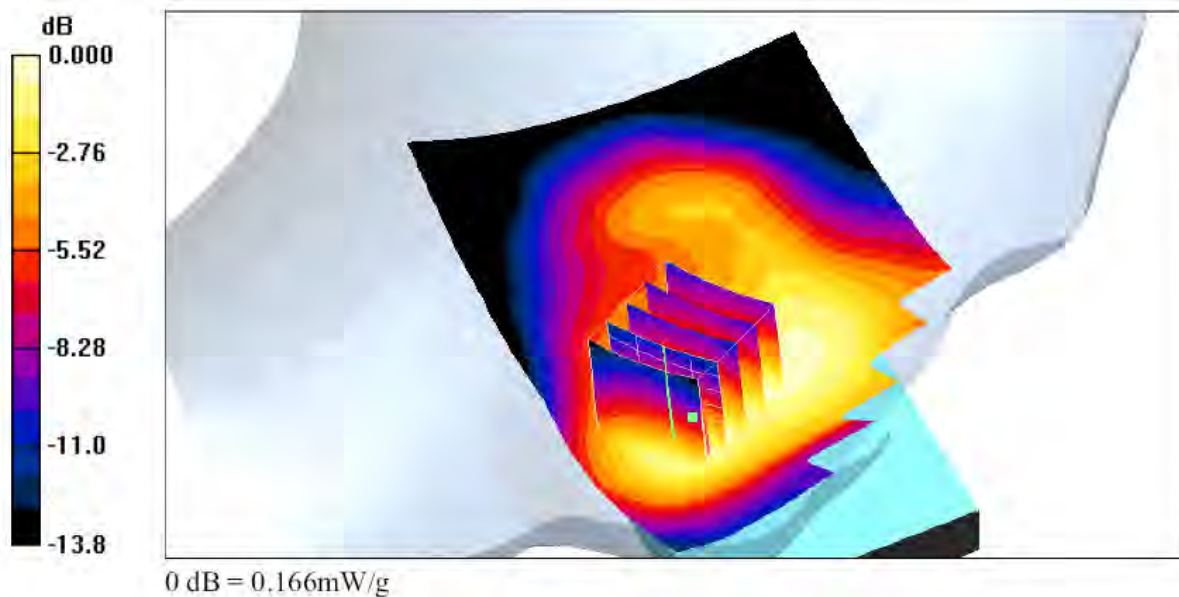
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.86 V/m; Power Drift = -0.081 dB

Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.101 mW/g

Maximum value of SAR (measured) = 0.166 mW/g



LC_PCS CH661

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz;

$\sigma = 1.41$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1531; ConvF(5.09, 5.09, 5.09); Calibrated: 1/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 9/5/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Left Cheek/Area Scan (71x101x1):

Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.186 mW/g

Left Cheek/Zoom Scan (5x5x7)/Cube 0:

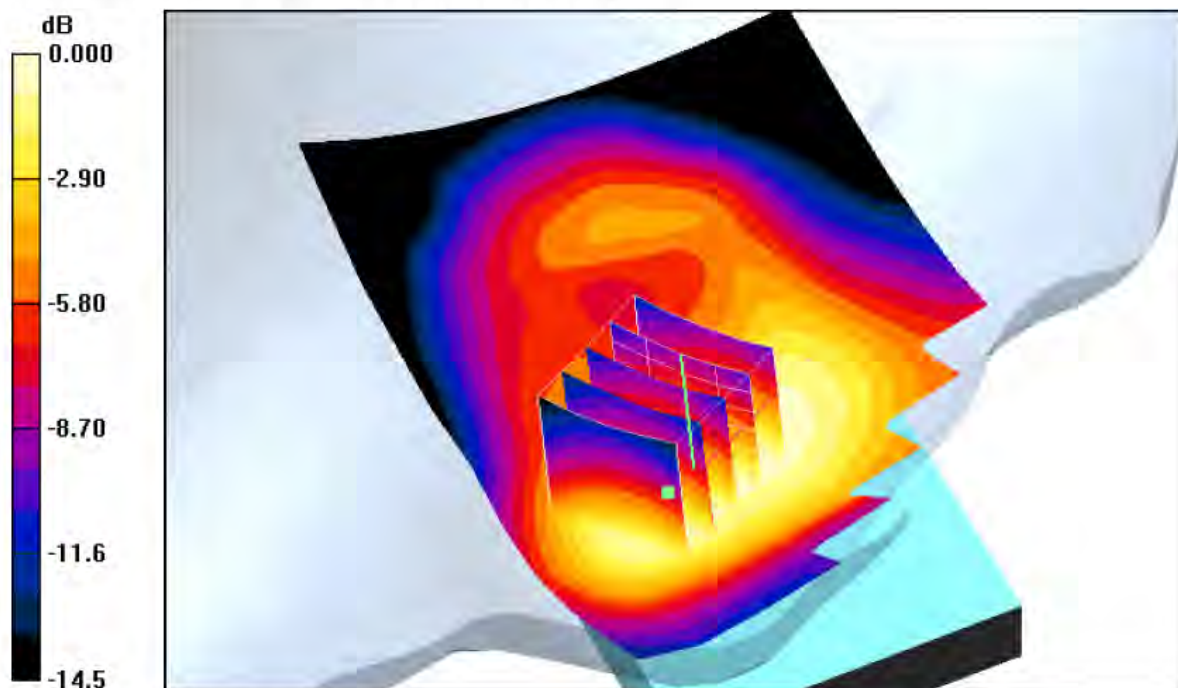
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.71 V/m; Power Drift = -0.195 dB

Peak SAR (extrapolated) = 0.223 W/kg

SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.109 mW/g

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



LC_PCS CH810

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1909.8$ MHz;

$\sigma = 1.44$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1531; ConvF(5.09, 5.09, 5.09); Calibrated: 1/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 9/5/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Left Cheek/Area Scan (71x101x1):

Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.171 mW/g

Left Cheek/Zoom Scan (5x5x7)/Cube 0:

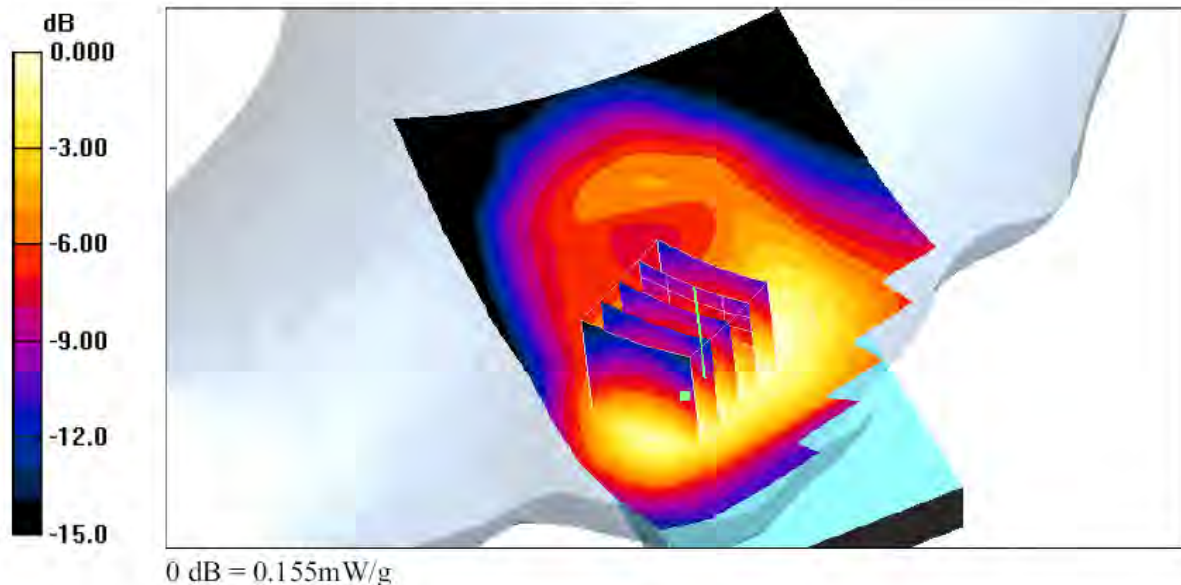
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.17 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.208 W/kg

SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.098 mW/g

Maximum value of SAR (measured) = 0.155 mW/g



LT_PCS CH512

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 1850.2$ MHz;

$\sigma = 1.38$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1531; ConvF(5.09, 5.09, 5.09); Calibrated: 1/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 9/5/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Left Tilted/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.111 mW/g

Left Tilted/Zoom Scan (5x5x7)/Cube 0:

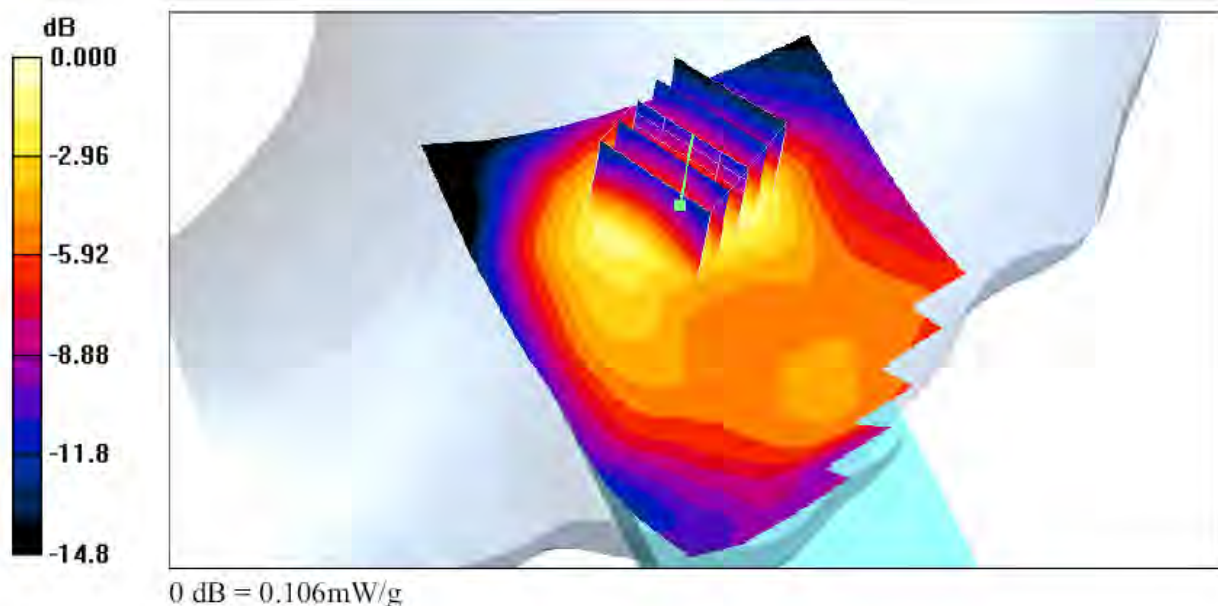
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.14 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 0.141 W/kg

SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.059 mW/g

Maximum value of SAR (measured) = 0.106 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 12/14/2006 5:50:13 PM

LT_PCS CH661

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz;

$\sigma = 1.41$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1531; ConvF(5.09, 5.09, 5.09); Calibrated: 1/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 9/5/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Left Tilted/Area Scan (71x101x1):

Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.086 mW/g

Left Tilted/Zoom Scan (5x5x7)/Cube 0:

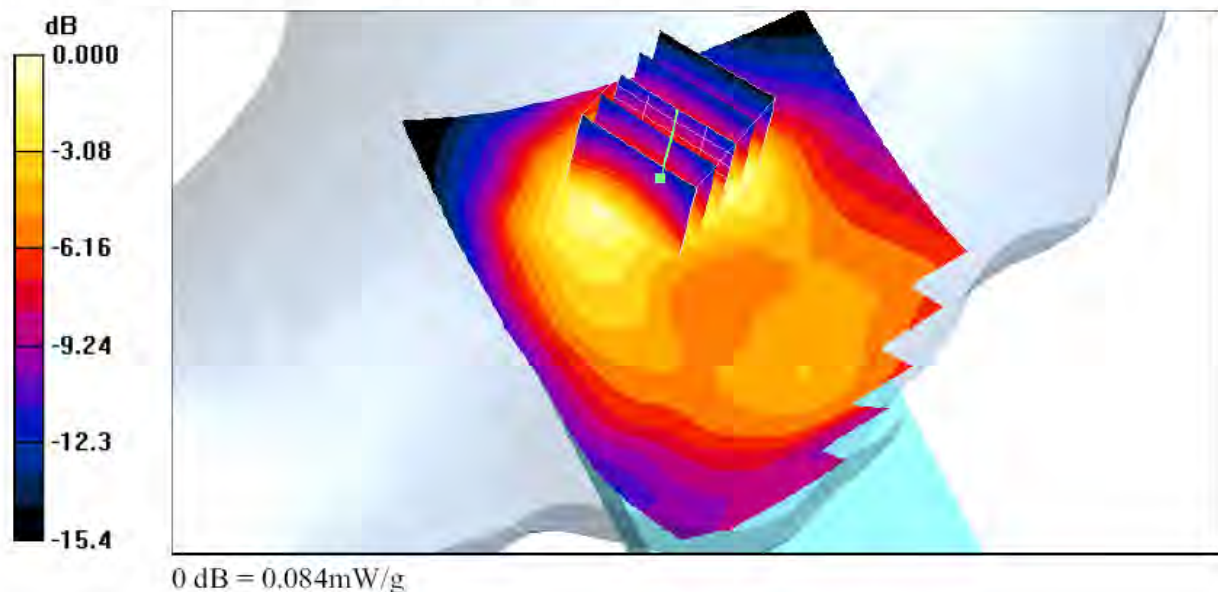
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.24 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 0.113 W/kg

SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.045 mW/g

Maximum value of SAR (measured) = 0.084 mW/g



LT_PCS CH810

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1909.8 \text{ MHz}$;

$\sigma = 1.44 \text{ mho/m}$; $\epsilon_r = 40.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1531; ConvF(5.09, 5.09, 5.09); Calibrated: 1/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 9/5/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Left Tilted/Area Scan (71x101x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.078 mW/g

Left Tilted/Zoom Scan (5x5x7)/Cube 0:

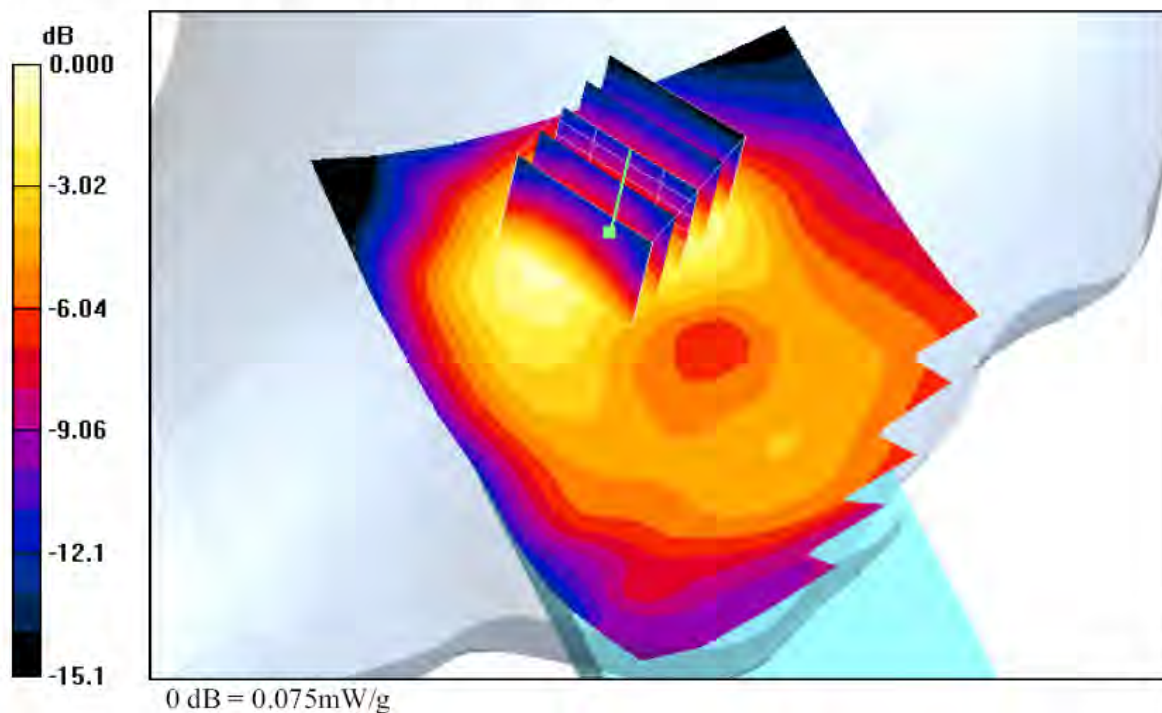
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.91 V/m ; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 0.102 W/kg

SAR(1 g) = 0.068 mW/g ; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.075 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 12/14/2006 11:39:10 PM

Flat_GSM850_CH128_muscle 15mm

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: GSM850/GPRS; Frequency: 824.2 MHz; Duty Cycle: 1:4.2
Medium parameters used (interpolated): $f = 824.2$ MHz;

$\sigma = 0.951$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1531; ConvF(5.96, 5.96, 5.96); Calibrated: 1/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 9/5/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Flat/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.430 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

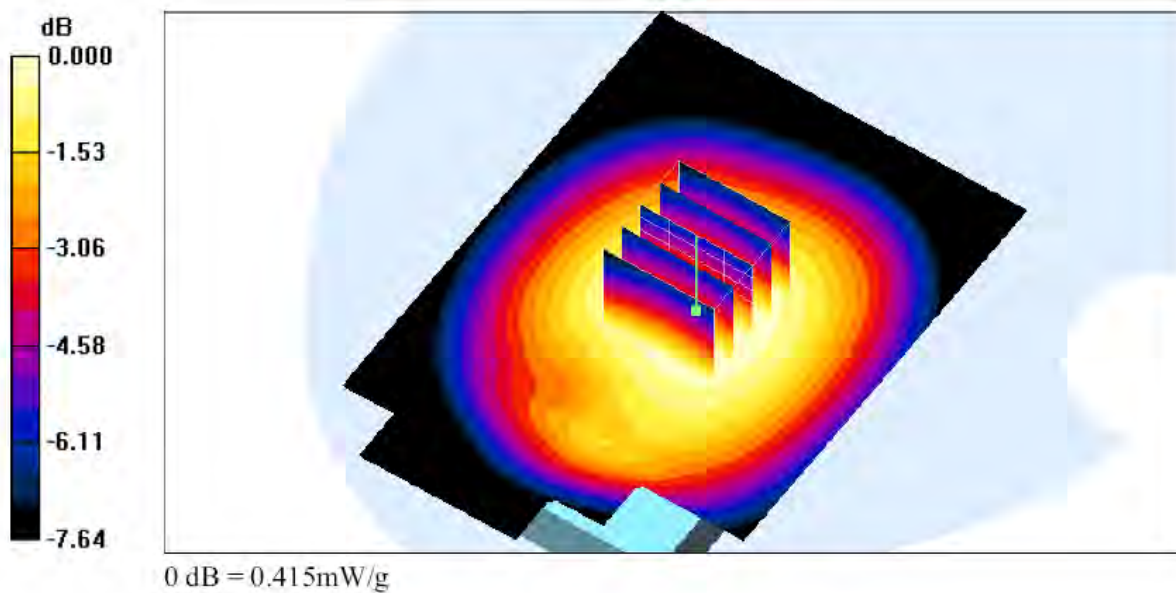
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = 0.107 dB

Peak SAR (extrapolated) = 0.477 W/kg

SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.307 mW/g

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



Flat_GSM850 CH190_muscle 15mm

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: GSM850/GPRS; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$;

$\sigma = 0.96 \text{ mho/m}$; $\epsilon_r = 54.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1531; ConvF(5.96, 5.96, 5.96); Calibrated: 1/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 9/5/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Flat/Area Scan (71x101x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.359 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

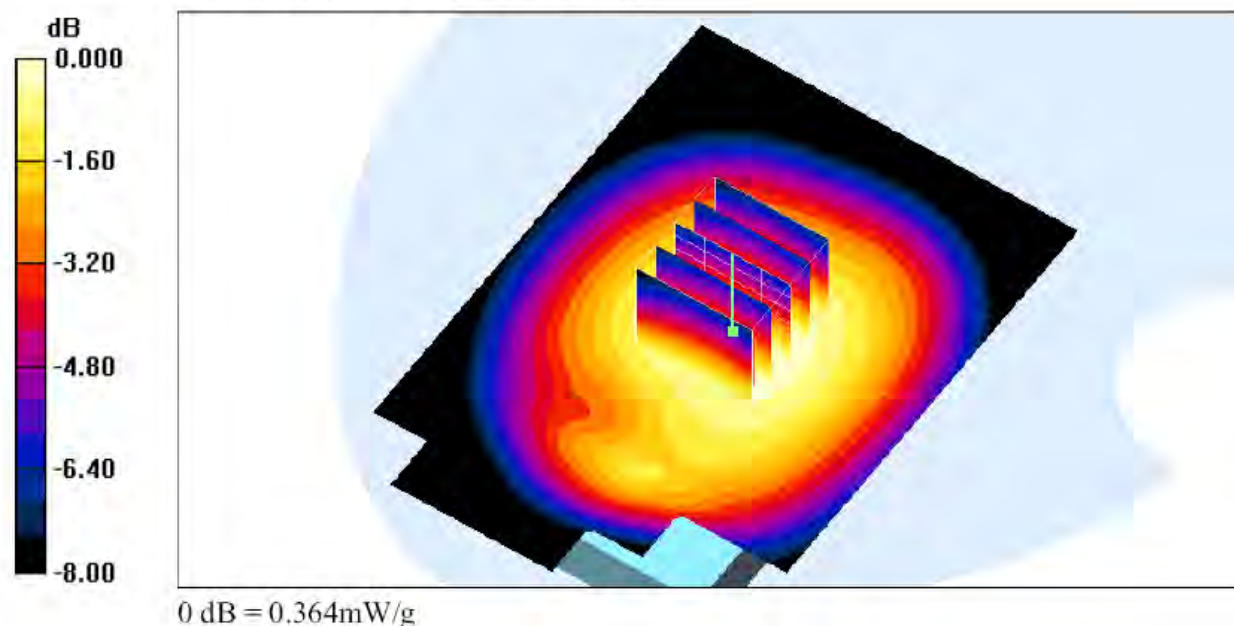
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.25 V/m ; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 0.416 W/kg

SAR(1 g) = 0.346 mW/g ; SAR(10 g) = 0.267 mW/g

Maximum value of SAR (measured) = 0.364 mW/g



Flat_GSM850 CH251_muscle 15mm

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: GSM850/GPRS; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 848.8$ MHz;

$\sigma = 0.973$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1531; ConvF(5.96, 5.96, 5.96); Calibrated: 1/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 9/5/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Flat/Area Scan (101x151x1):

Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.304 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

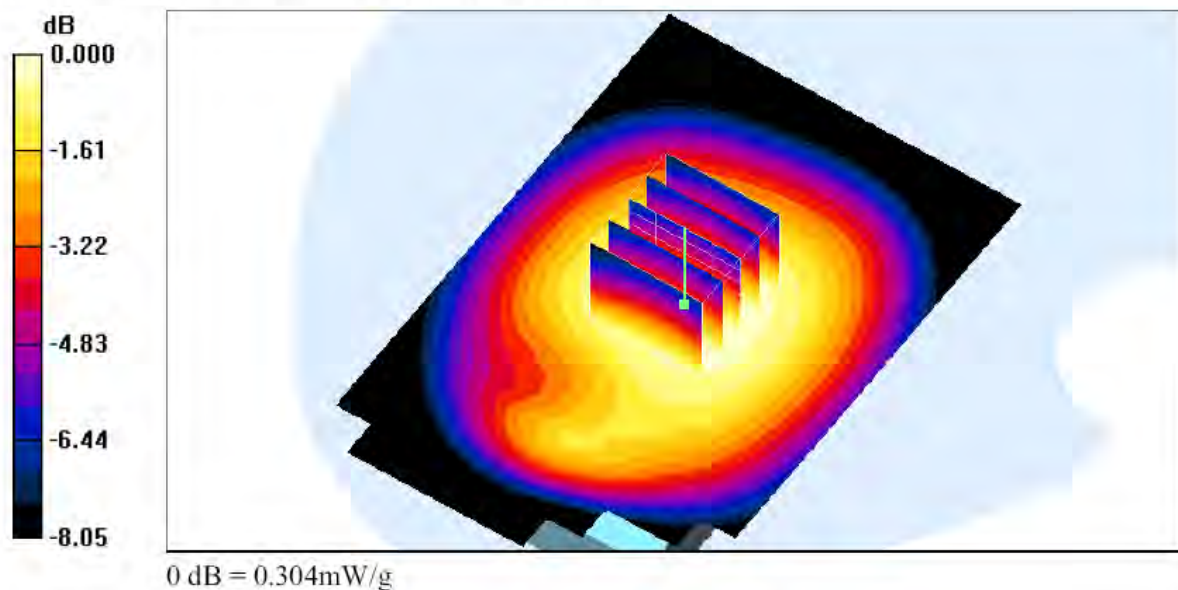
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.46 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 0.347 W/kg

SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.225 mW/g

Maximum value of SAR (measured) = 0.304 mW/g



Flat_PCS CH512_muscle 15mm

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: PCS/GPRS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 1850.2$ MHz;

$\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1531; ConvF(4.62, 4.62, 4.62); Calibrated: 1/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 9/5/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Flat/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm.

Maximum value of SAR (interpolated) = 0.226 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

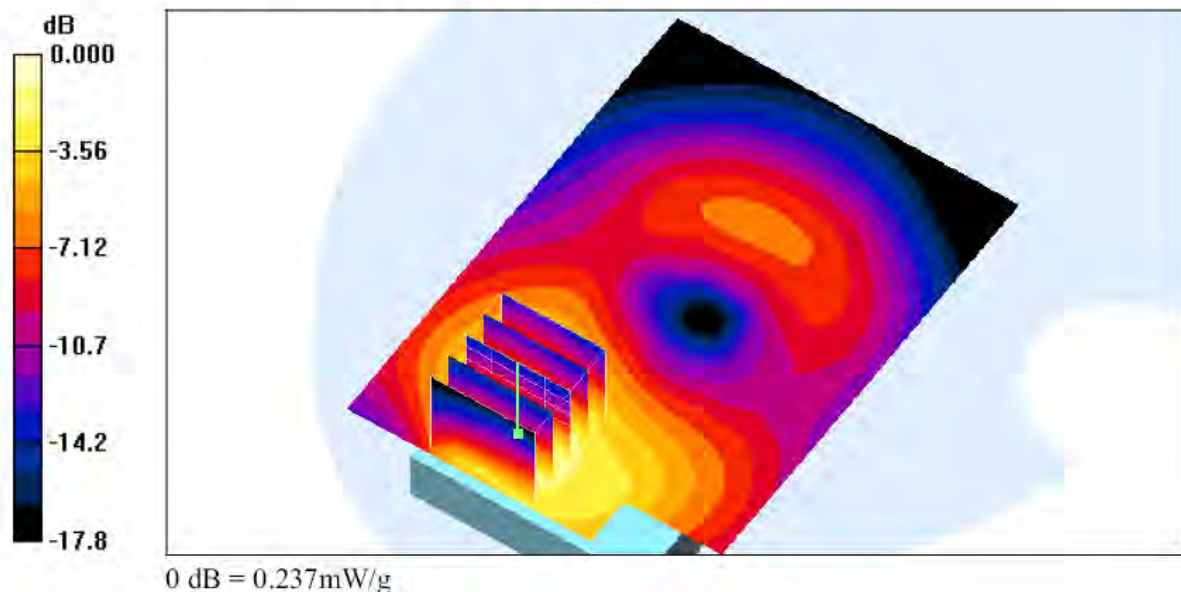
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.18 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 0.404 W/kg

SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.118 mW/g

Maximum value of SAR (measured) = 0.237 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 12/14/2006 10:02:02 PM

Flat_PCS CH661_muscle 15mm

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: PCS/GPRS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880 \text{ MHz}$;

$\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 52.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1531; ConvF(4.62, 4.62, 4.62); Calibrated: 1/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 9/5/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Flat/Area Scan (71x101x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.175 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

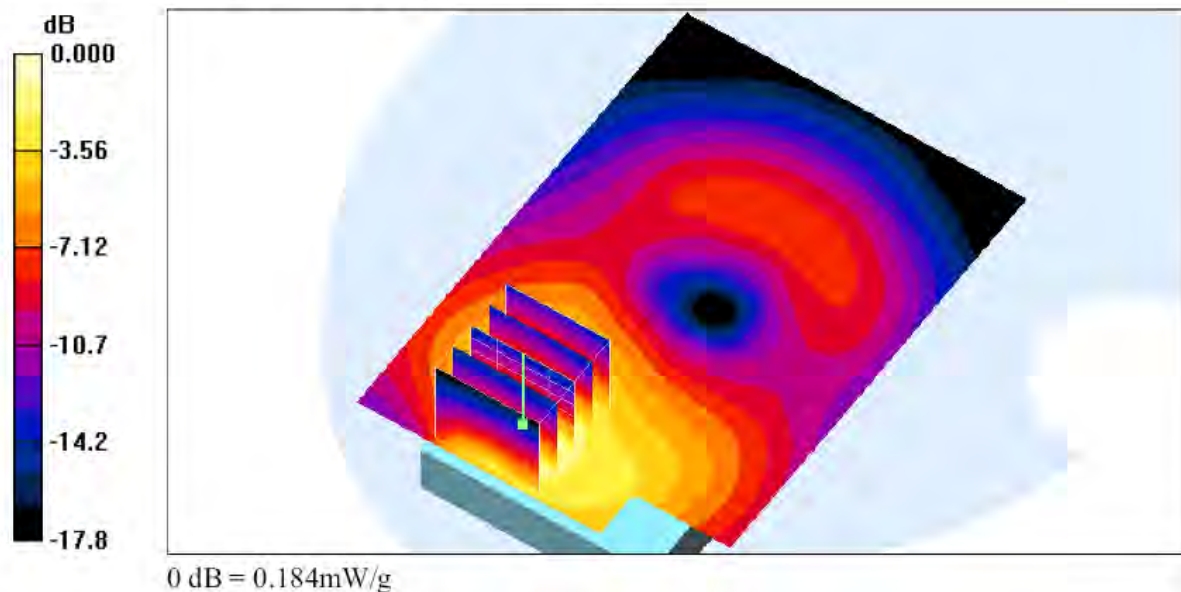
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.29 V/m; Power Drift = -0.068 dB

Peak SAR (extrapolated) = 0.325 W/kg

SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.091 mW/g

Maximum value of SAR (measured) = 0.184 mW/g



Flat_PCS CH810_muscle 15mm

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: PCS/GPRS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1909.8$ MHz;

$\sigma = 1.57$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1531; ConvF(4.62, 4.62, 4.62); Calibrated: 1/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 9/5/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Flat/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.163 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

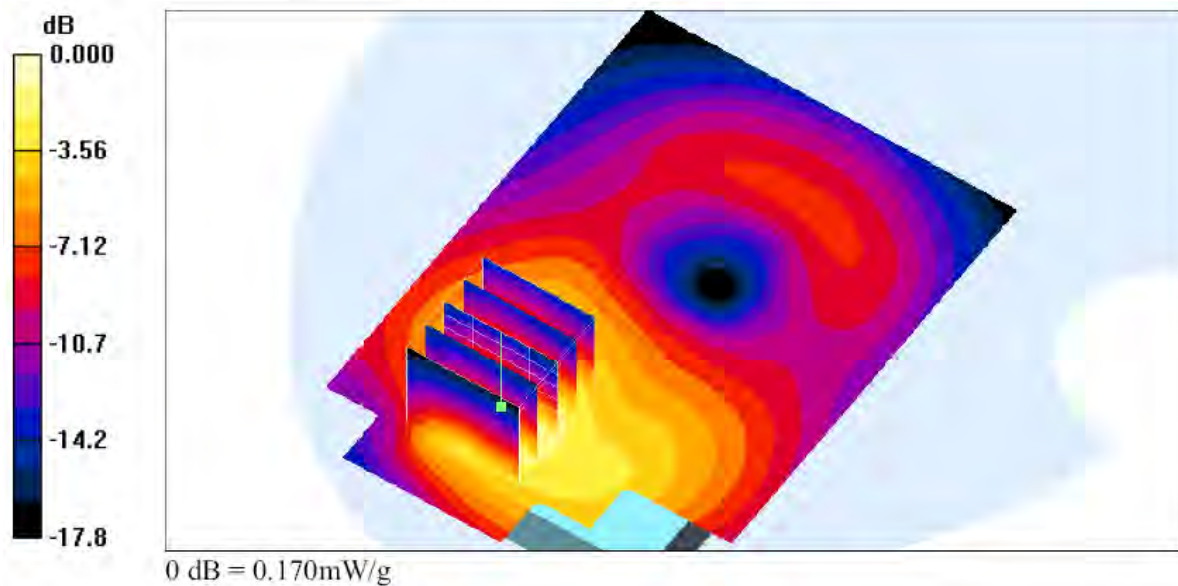
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.90 V/m; Power Drift = -0.114 dB

Peak SAR (extrapolated) = 0.304 W/kg

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.083 mW/g

Maximum value of SAR (measured) = 0.170 mW/g



Flat_GSM850 GPRS CH128_2Down 2UP

DUT: M619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: GSM 850 (2Down, 2Up); Frequency: 824.2 MHz; Duty Cycle: 1:4.2
Medium parameters used (interpolated): $f = 824.2$ MHz;

$\sigma = 0.971$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.66, 5.66, 5.66); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Flat/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm

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

Flat/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 15.8 V/m; Power Drift = -0.182 dB

Peak SAR (extrapolated) = 0.807 W/kg

SAR(1 g) = 0.678 mW/g; SAR(10 g) = 0.526 mW/g

Maximum value of SAR (measured) = 0.709 mW/g

Flat/Zoom Scan (5x5x7)/Cube 1:

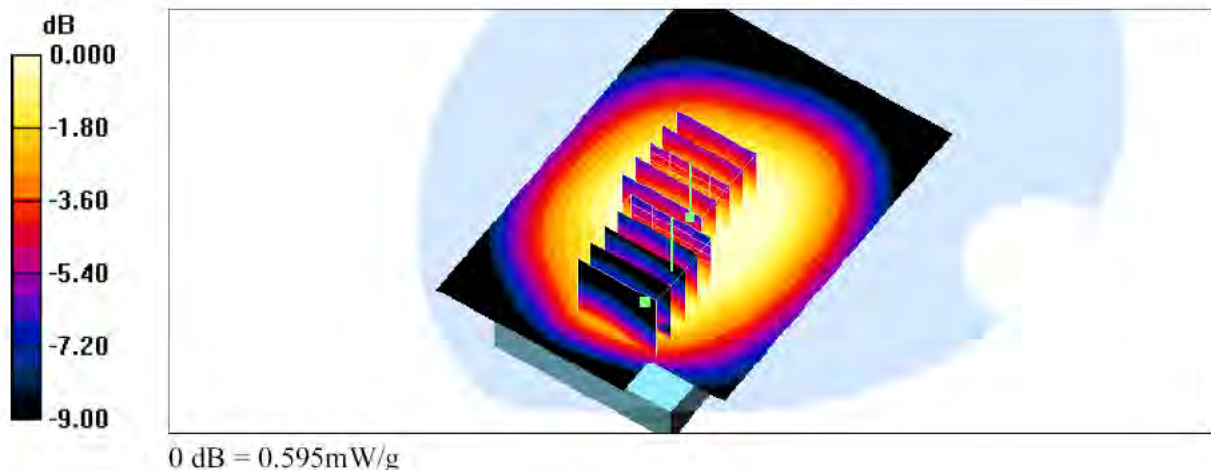
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.8 V/m; Power Drift = -0.182 dB

Peak SAR (extrapolated) = 0.732 W/kg

SAR(1 g) = 0.535 mW/g; SAR(10 g) = 0.380 mW/g

Maximum value of SAR (measured) = 0.595 mW/g



Flat_GSM850 GPRS CH128_BT OFF

DUT: M619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: GSM 850 (2Down, 2Up); Frequency: 824.2 MHz; Duty Cycle: 1:4.2
Medium parameters used (interpolated): $f = 824.2$ MHz;

$\sigma = 0.971$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.66, 5.66, 5.66); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Flat/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.579 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 11.6 V/m; Power Drift = -0.117 dB

Peak SAR (extrapolated) = 0.807 W/kg

SAR(1 g) = 0.519 mW/g; SAR(10 g) = 0.393 mW/g

Maximum value of SAR (measured) = 0.551 mW/g

Flat/Zoom Scan (5x5x7)/Cube 1:

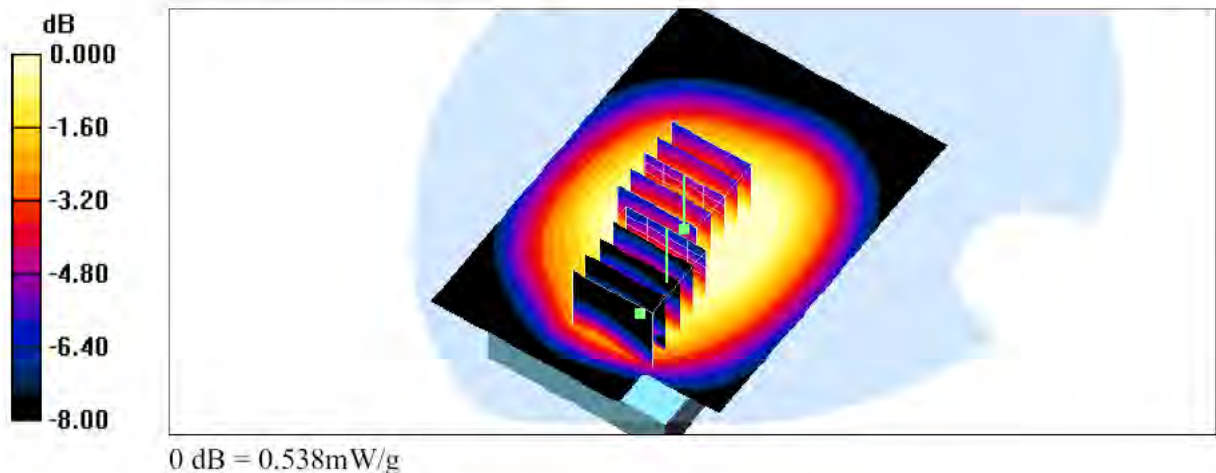
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = -0.117 dB

Peak SAR (extrapolated) = 0.636 W/kg

SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.381 mW/g

Maximum value of SAR (measured) = 0.538 mW/g



Flat_GSM850 GPRS CH190_2Down 2UP

DUT: M619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: GSM 850 (2Down, 2Up); Frequency: 836.6 MHz; Duty Cycle: 1:4.2
Medium parameters used: $f = 837 \text{ MHz}$;

$\sigma = 0.984 \text{ mho/m}$; $\epsilon_r = 54.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.66, 5.66, 5.66); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Flat/Area Scan (71x101x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.654 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 14.3 V/m ; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 0.738 W/kg

SAR(1 g) = 0.618 mW/g ; SAR(10 g) = 0.478 mW/g

Maximum value of SAR (measured) = 0.646 mW/g

Flat/Zoom Scan (5x5x7)/Cube 1:

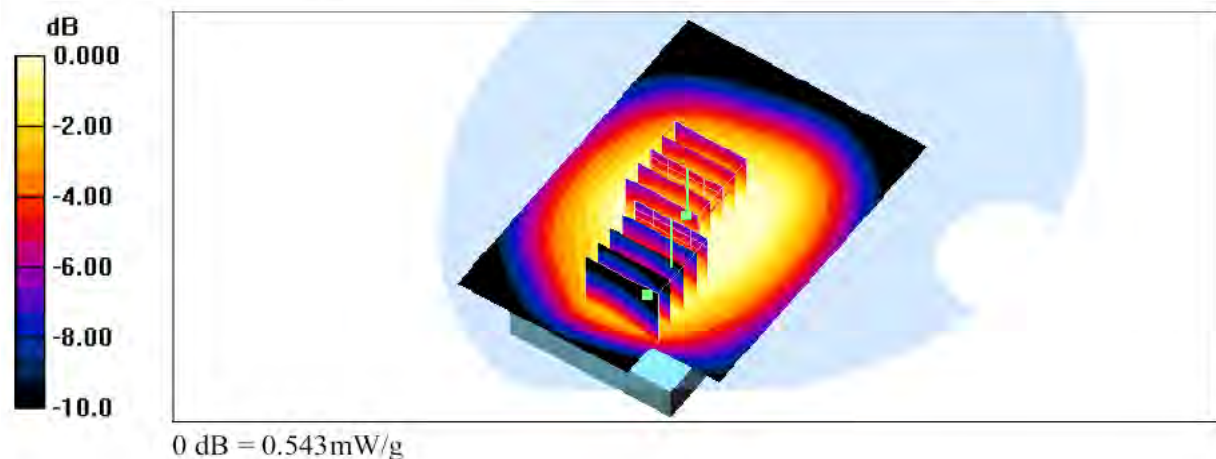
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.3 V/m ; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 0.684 W/kg

SAR(1 g) = 0.478 mW/g ; SAR(10 g) = 0.342 mW/g

Maximum value of SAR (measured) = 0.543 mW/g



Flat_GSM850 GPRS CH251_2Down 2UP

DUT: M619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: GSM 850 (2Down, 2Up); Frequency: 848.8 MHz; Duty Cycle: 1:4.2
Medium parameters used: $f = 849$ MHz;

$\sigma = 0.996$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.66, 5.66, 5.66); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Flat/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.552 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

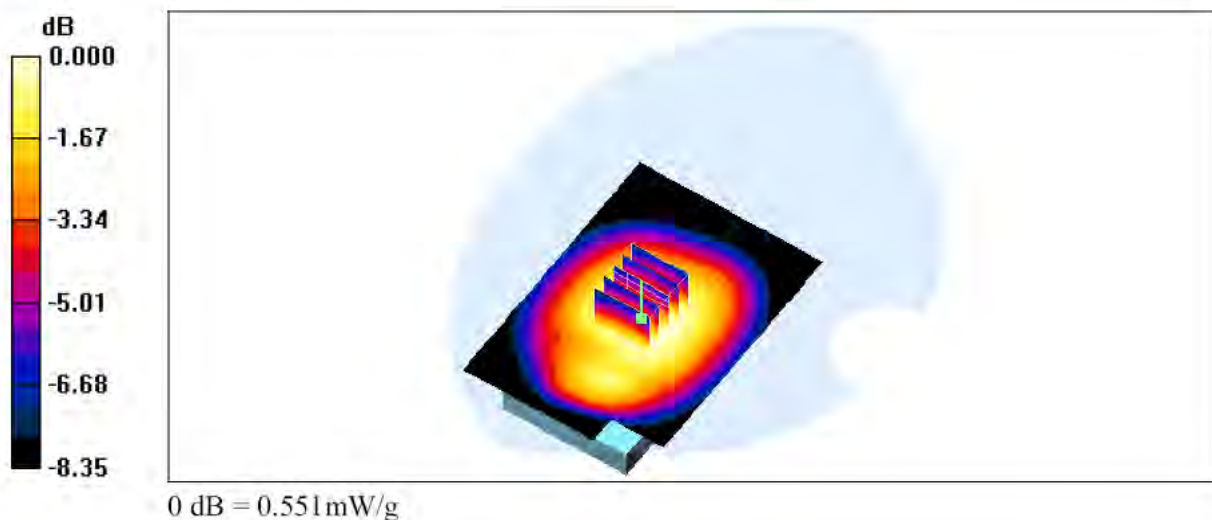
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 0.642 W/kg

SAR(1 g) = 0.526 mW/g; SAR(10 g) = 0.406 mW/g

Maximum value of SAR (measured) = 0.551 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 1/10/2007 7:33:28 AM

Flat_PCS GPRS CH512_2Down 2UP

DUT: M619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: PCS 1900 GPRS(2Down,2Up); Frequency: 1850.2 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): $f = 1850.2$ MHz;

$\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(4.4, 4.4, 4.4); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Flat/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.446 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

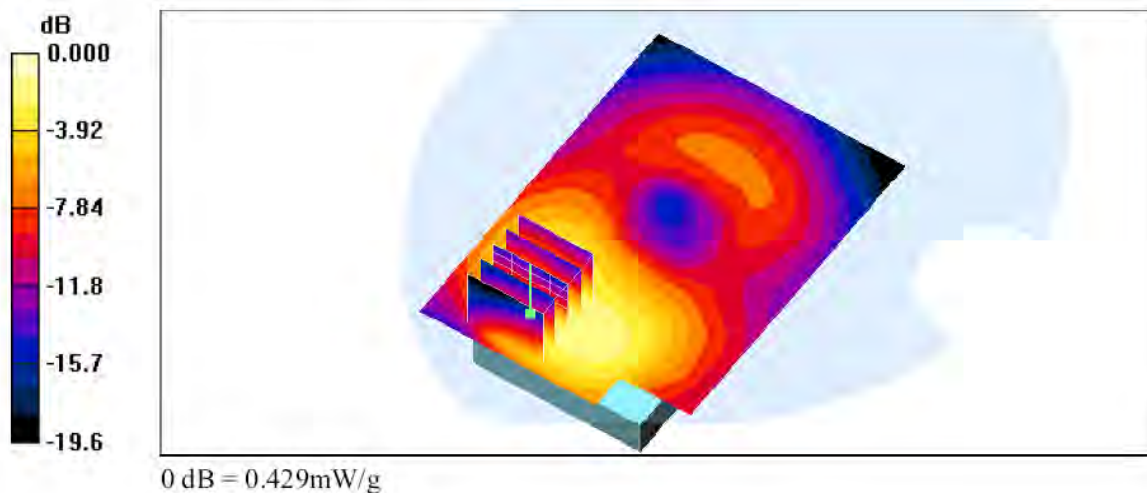
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.45 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 0.701 W/kg

SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.218 mW/g

Maximum value of SAR (measured) = 0.429 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 2/7/2007 10:22:03 AM

FLAT_PCS GPRS CH512_BT OFF

DUT: M619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: PCS 1900 GPRS(2Down,2Up); Frequency: 1850.2 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): $f = 1850.2$ MHz;

$\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(4.4, 4.4, 4.4); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DAS4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Flat/Area Scan (81x111x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.411 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

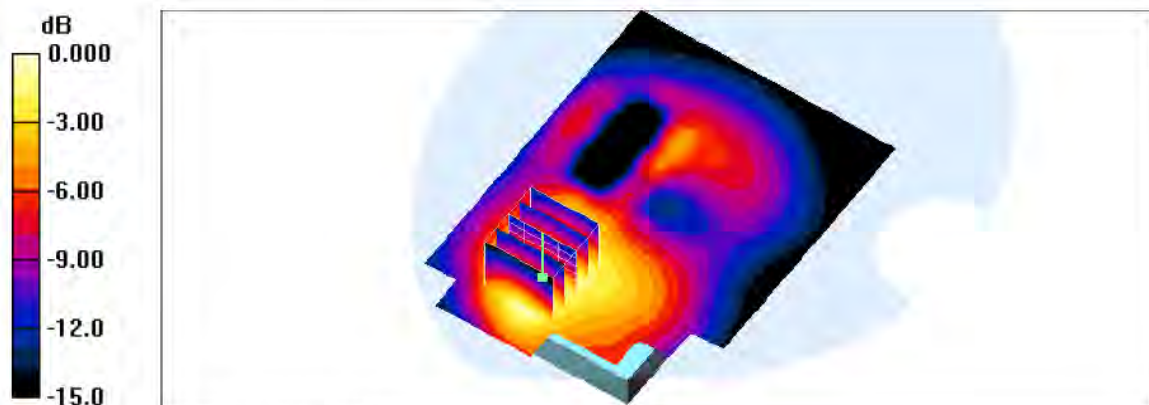
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.19 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 0.590 W/kg

SAR(1 g) = 0.367 mW/g; SAR(10 g) = 0.225 mW/g

Maximum value of SAR (measured) = 0.396 mW/g



0 dB = 0.396mW/g



Test Laboratory: A Test Lab Techno Corp.

Date/Time: 1/10/2007 7:48:41 AM

Flat_PCS GPRS CH661_2Down 2UP

DUT: M619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: PCS 1900 GPRS(2Down,2Up); Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: $f = 1880$ MHz;

$\sigma = 1.55$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(4.4, 4.4, 4.4); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Flat/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.368 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

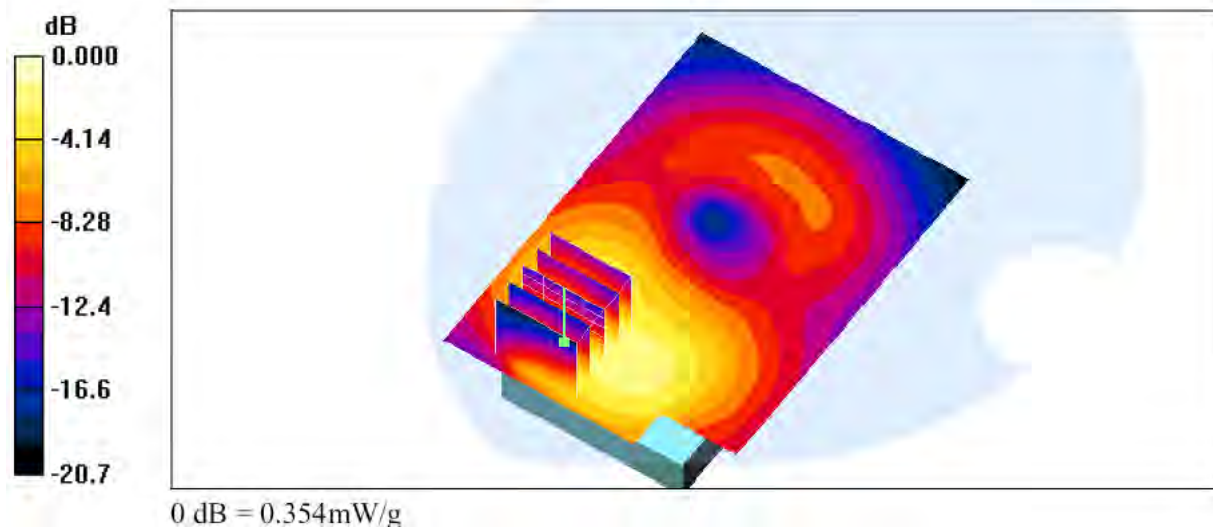
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.20 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 0.586 W/kg

SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.174 mW/g

Maximum value of SAR (measured) = 0.354 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 1/10/2007 8:05:38 AM

Flat_PCS GPRS CH810_2Down 2UP

DUT: M619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: PCS 1900 GPRS(2Down,2Up); Frequency: 1909.8 MHz;Duty Cycle: 1:4.2
Medium parameters used: $f = 1910$ MHz;

$\sigma = 1.57$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASy4 (High Precision Assessment)

DASy4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(4.4, 4.4, 4.4); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASy4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Flat/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.359 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

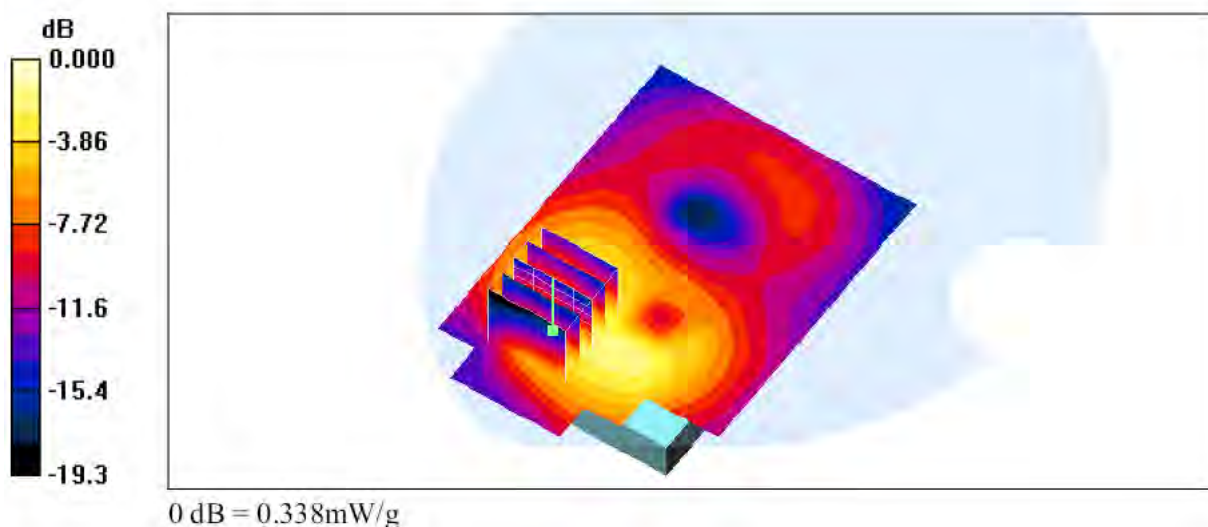
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.61 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 0.565 W/kg

SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.161 mW/g

Maximum value of SAR (measured) = 0.338 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 2/12/2007 4:25:52 PM

Flat_GSM850 EGPRS CH128_BT ON

DUT: M619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: GSM 850 (2Down, 2Up); Frequency: 824.2 MHz; Duty Cycle: 1:4.2
Medium parameters used (interpolated): $f = 824.2$ MHz;

$\sigma = 0.971$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.66, 5.66, 5.66); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Flat/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.569 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 11.4 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.799 W/kg

SAR(1 g) = 0.509 mW/g; SAR(10 g) = 0.385 mW/g

Maximum value of SAR (measured) = 0.64 mW/g

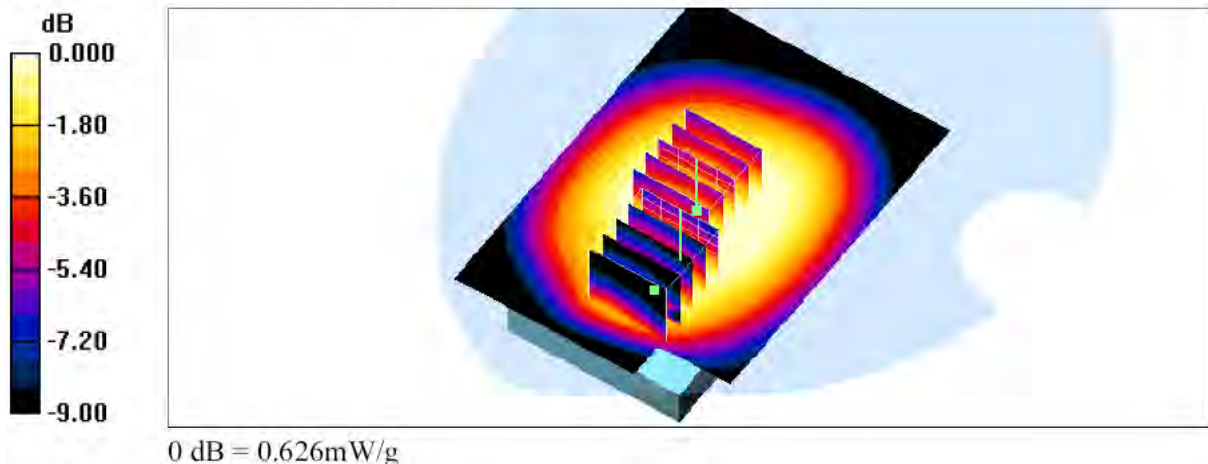
Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.4 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.724 W/kg

SAR(1 g) = 0.495 mW/g; SAR(10 g) = 0.371 mW/g

Maximum value of SAR (measured) = 0.626 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 2/12/2007 1:39:24 PM

FLAT_PCS EGPRS CH512_BT ON

DUT: M619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: PCS 1900 GPRS(2Down,2Up); Frequency: 1850.2 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): $f = 1850.2$ MHz;

$\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(4.4, 4.4, 4.4); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Flat/Area Scan (61x91x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.349 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

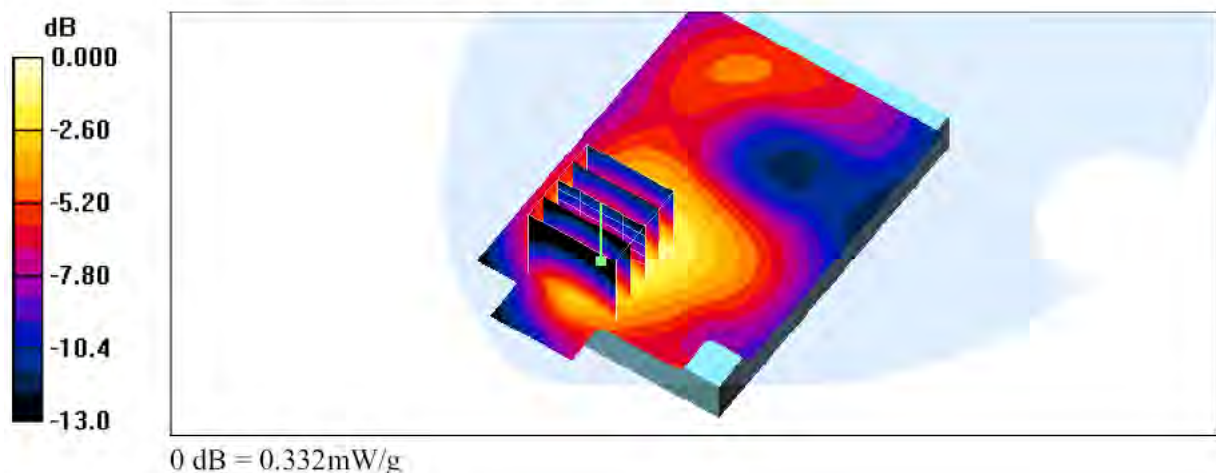
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.28 V/m; Power Drift = 0.039 dB

Peak SAR (extrapolated) = 0.483 W/kg

SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.190 mW/g

Maximum value of SAR (measured) = 0.332 mW/g





Test Laboratory: A Test Lab Techno Corp. Date/Time: 3/8/2007 10:21:53 PM

RC_GSM850 CH128_802.11b CH6

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 42.7$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.91, 5.91, 5.91); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Right Cheek/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.119 mW/g

Right Cheek/Zoom Scan (5x5x7)/Cube 0:

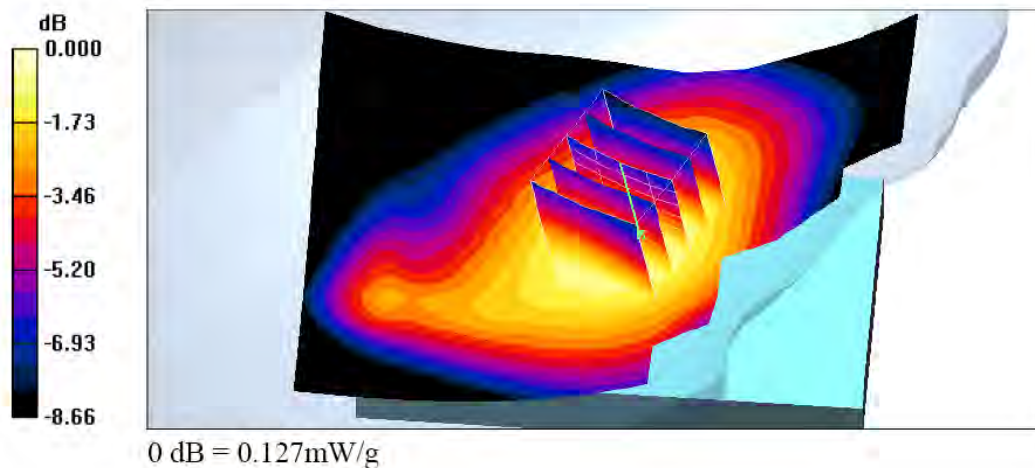
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.00 V/m; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 0.163 W/kg

SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.089 mW/g

Maximum value of SAR (measured) = 0.127 mW/g





Test Laboratory: A Test Lab Techno Corp. Date/Time: 3/8/2007 10:38:58 PM

RT_GSM850 CH128_802.11b CH6

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 42.7$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.91, 5.91, 5.91); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Right Tilted/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.089 mW/g

Right Tilted/Zoom Scan (5x5x7)/Cube 0:

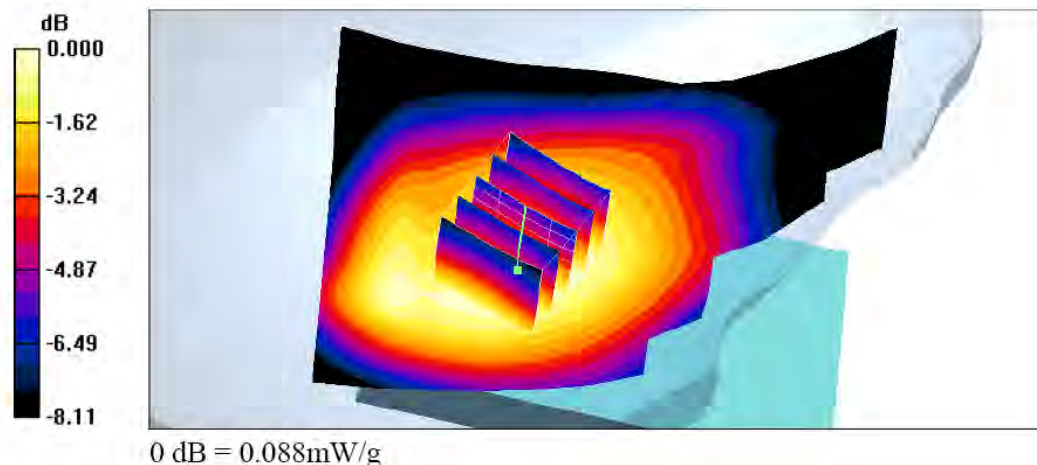
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.89 V/m; Power Drift = -0.043 dB

Peak SAR (extrapolated) = 0.104 W/kg

SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.064 mW/g

Maximum value of SAR (measured) = 0.088 mW/g





Test Laboratory: A Test Lab Techno Corp. Date/Time: 3/8/2007 10:55:09 PM

LC_GSM850 CH128_802.11b CH6

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 42.7$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.91, 5.91, 5.91); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Left Cheek/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.145 mW/g

Left Cheek/Zoom Scan (5x5x7)/Cube 0:

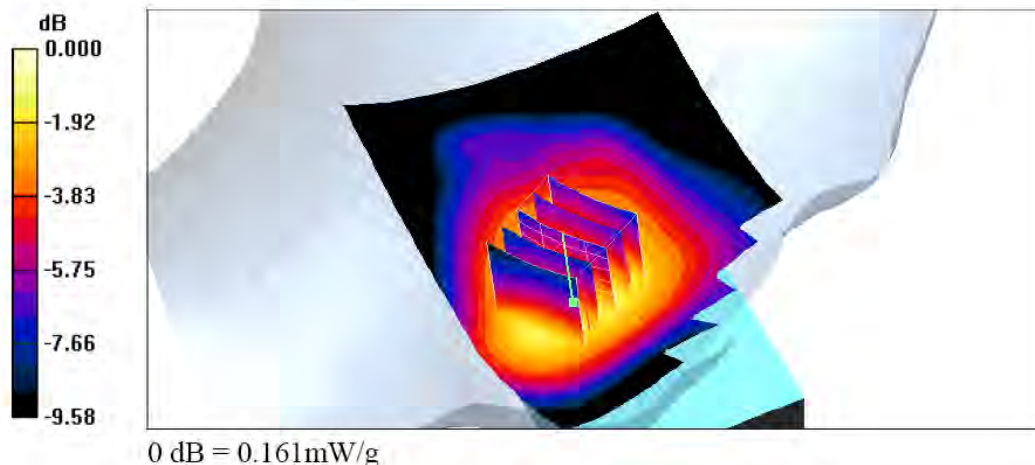
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.97 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.107 mW/g

Maximum value of SAR (measured) = 0.161 mW/g





Test Laboratory: A Test Lab Techno Corp. Date/Time: 3/8/2007 11:16:18 PM

LT_GSM850 CH128_802.11b CH6

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 42.7$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.91, 5.91, 5.91); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Left Tilted/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.092 mW/g

Left Tilted/Zoom Scan (5x5x7)/Cube 0:

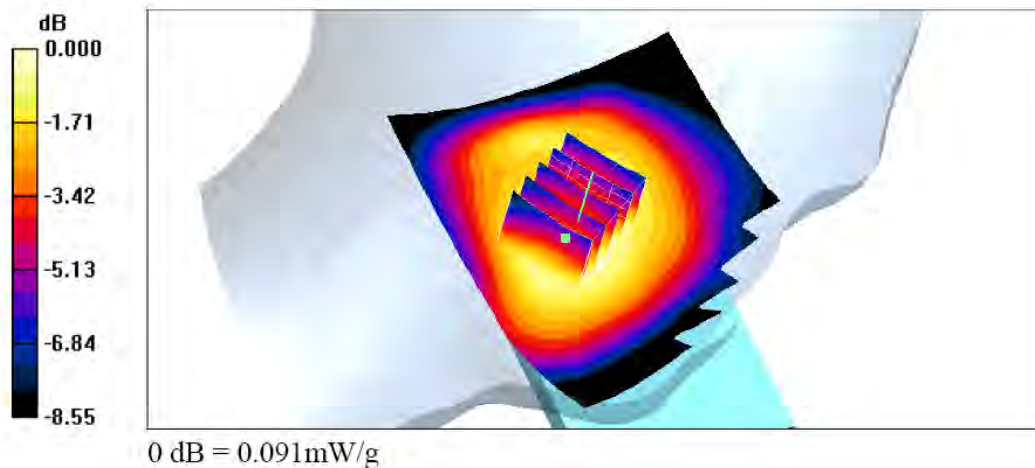
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.33 V/m; Power Drift = -0.195 dB

Peak SAR (extrapolated) = 0.107 W/kg

SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.067 mW/g

Maximum value of SAR (measured) = 0.091 mW/g





Test Laboratory: A Test Lab Techno Corp. Date/Time: 3/9/2007 12:04:49 AM

RC_GSM850 CH128_802.11g CH11

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 42.7$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.91, 5.91, 5.91); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Right Cheek/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.119 mW/g

Right Cheek/Zoom Scan (5x5x7)/Cube 0:

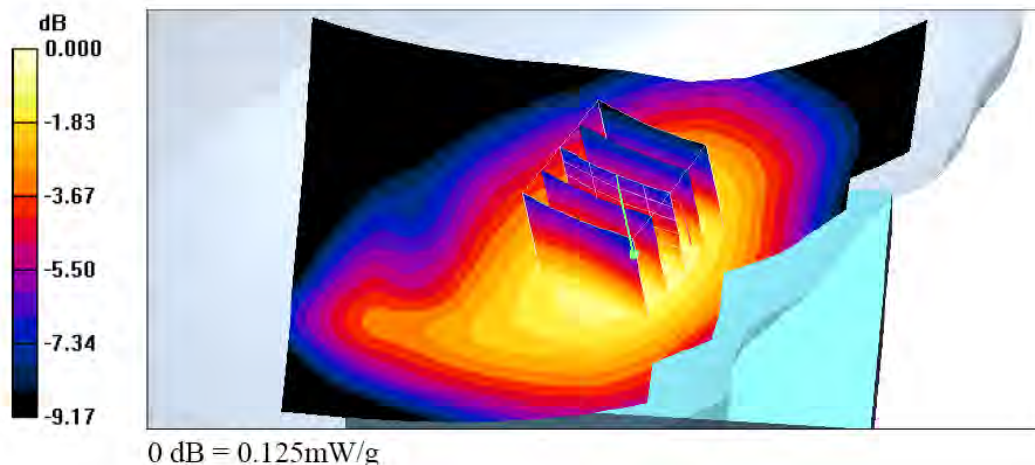
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.65 V/m; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 0.153 W/kg

SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.085 mW/g

Maximum value of SAR (measured) = 0.125 mW/g





Test Laboratory: A Test Lab Techno Corp. Date/Time: 3/9/2007 12:20:29 AM

RT_GSM850 CH128_802.11g CH11

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 42.7$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.91, 5.91, 5.91); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Right Tilted/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.082 mW/g

Right Tilted/Zoom Scan (5x5x7)/Cube 0:

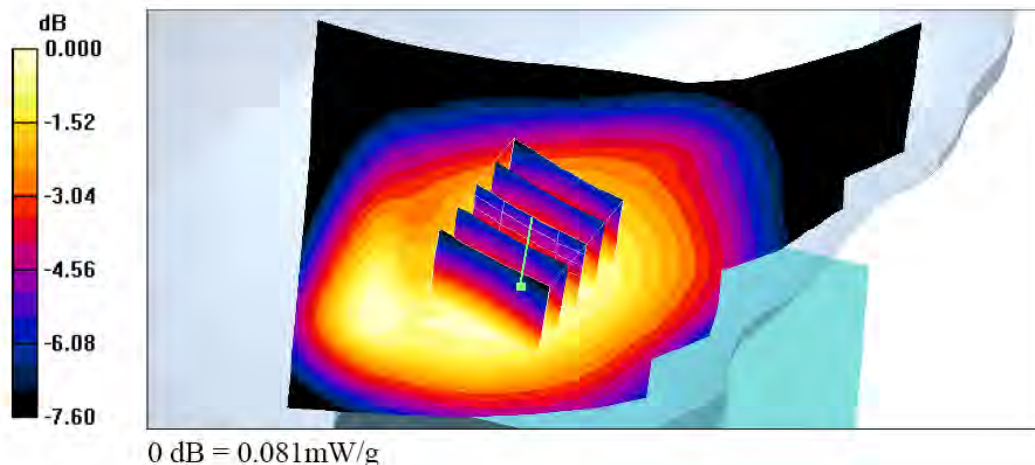
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.37 V/m; Power Drift = 0.036 dB

Peak SAR (extrapolated) = 0.097 W/kg

SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.081 mW/g





Test Laboratory: A Test Lab Techno Corp. Date/Time: 3/8/2007 11:32:55 PM

LC_GSM850 CH128_802.11g CH11

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 42.7$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.91, 5.91, 5.91); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Left Cheek/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.154 mW/g

Left Cheek/Zoom Scan (5x5x7)/Cube 0:

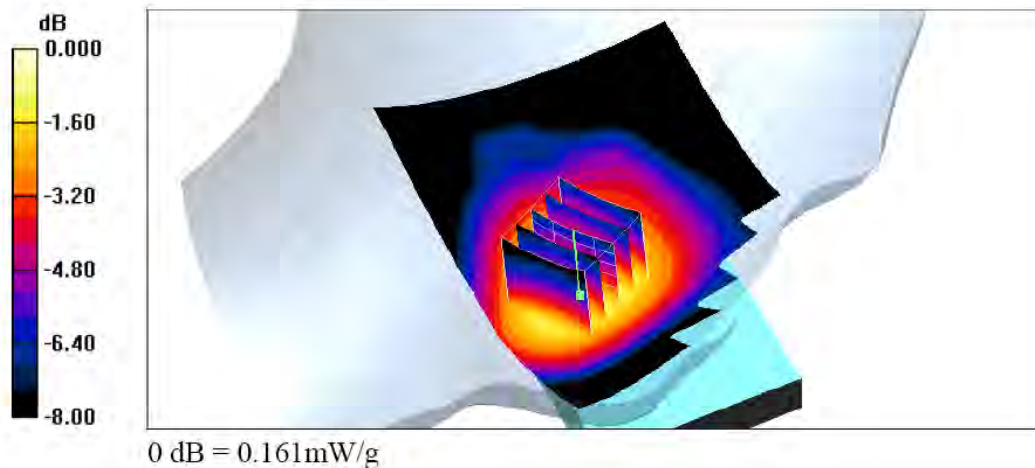
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.97 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 0.200 W/kg

SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.161 mW/g





Test Laboratory: A Test Lab Techno Corp. Date/Time: 3/8/2007 11:48:37 PM

LT_GSM850 CH128_802.11g CH11

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 42.7$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.91, 5.91, 5.91); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Left Tilted/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.092 mW/g

Left Tilted/Zoom Scan (5x5x7)/Cube 0:

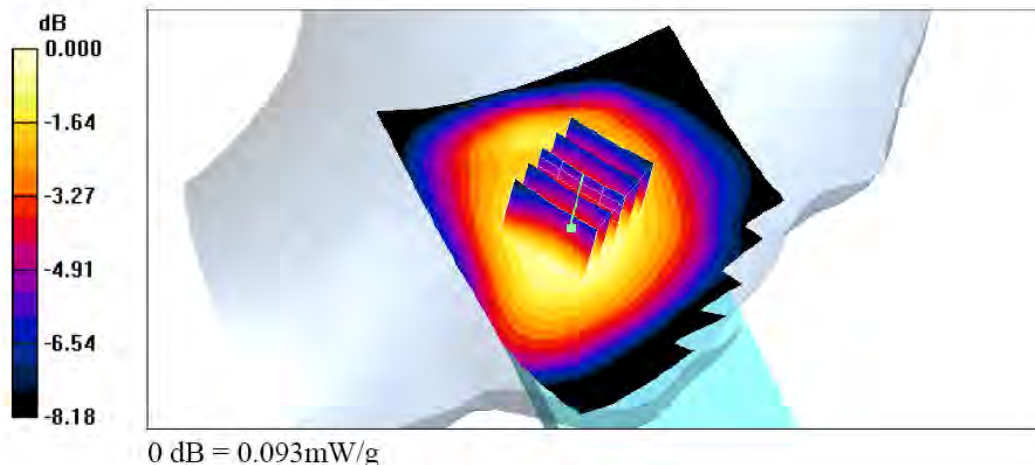
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.19 V/m; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.068 mW/g

Maximum value of SAR (measured) = 0.093 mW/g





Test Laboratory: A Test Lab Techno Corp. Date/Time: 3/7/2007 7:08:56 AM

RC_PCS CH512_802.11b CH6

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(4.86, 4.86, 4.86); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Right Cheek/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.341 mW/g

Right Cheek/Zoom Scan (5x5x7)/Cube 0:

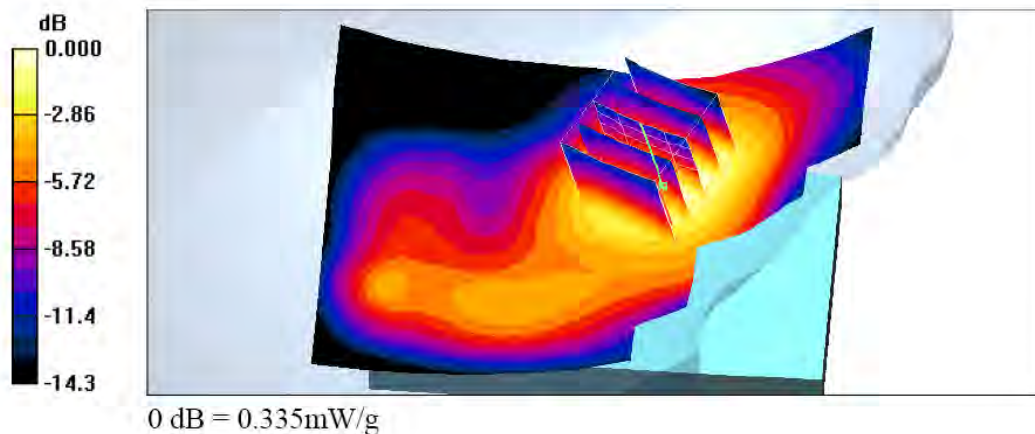
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.99 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.444 W/kg

SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.193 mW/g

Maximum value of SAR (measured) = 0.335 mW/g





Test Laboratory: A Test Lab Techno Corp. Date/Time: 3/7/2007 7:25:07 AM

RT_PCS CH512_802.11b CH6

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(4.86, 4.86, 4.86); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Right Tilted/Area Scan (71x101x1):

Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.137 mW/g

Right Tilted/Zoom Scan (5x5x7)/Cube 0:

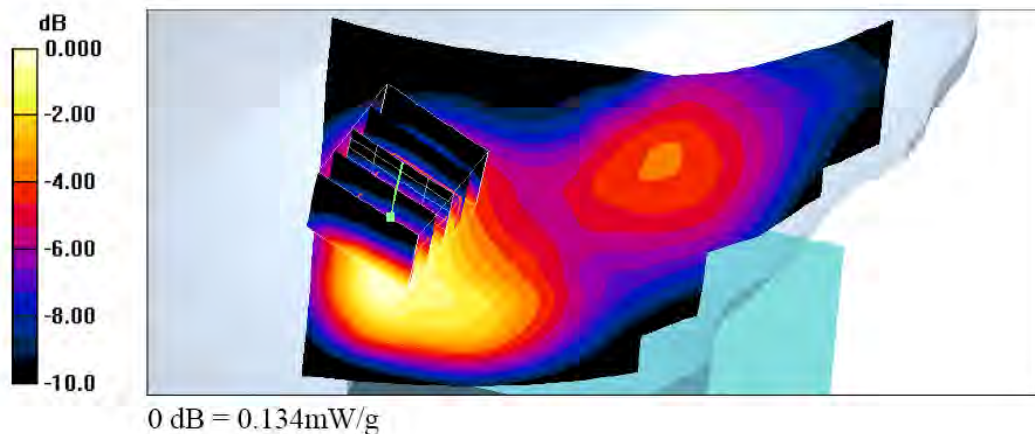
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.6 V/m; Power Drift = -0.090 dB

Peak SAR (extrapolated) = 0.185 W/kg

SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.134 mW/g





Test Laboratory: A Test Lab Techno Corp. Date/Time: 3/7/2007 7:41:35 AM

LC_PCS CH661_802.11b CH6

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(4.86, 4.86, 4.86); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Left Cheek/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.192 mW/g

Left Cheek/Zoom Scan (5x5x7)/Cube 0:

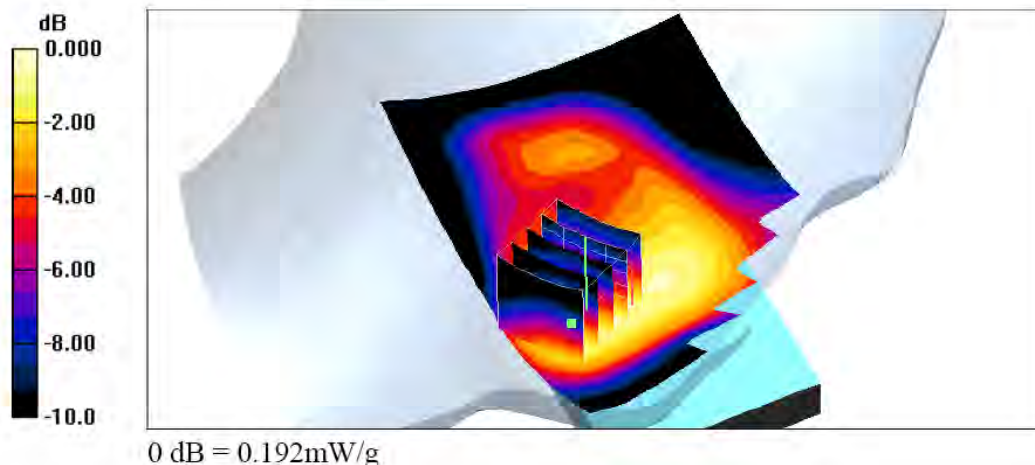
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.64 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 0.253 W/kg

SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.121 mW/g

Maximum value of SAR (measured) = 0.192 mW/g





Test Laboratory: A Test Lab Techno Corp. Date/Time: 3/7/2007 7:57:41 AM

LT_PCS CH512_802.11b CH6

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(4.86, 4.86, 4.86); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Left Tilted/Area Scan (71x111x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.136 mW/g

Left Tilted/Zoom Scan (5x5x7)/Cube 0:

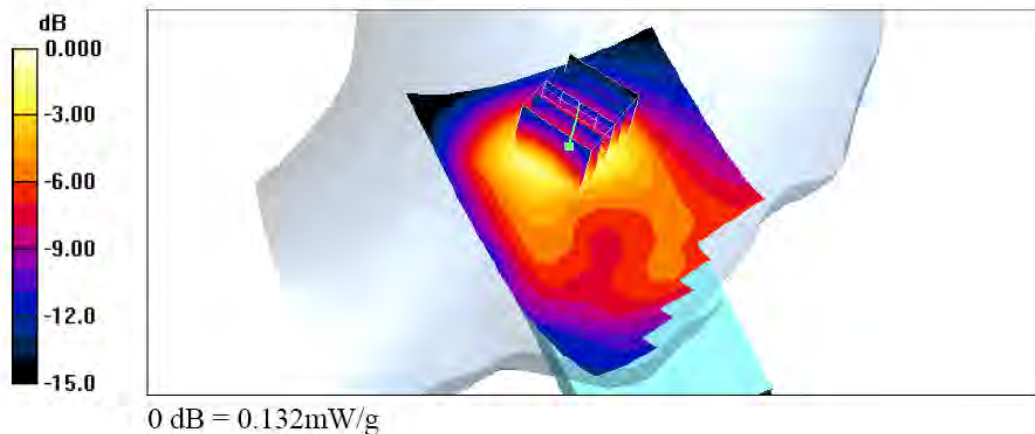
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = 0.052 dB

Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.071 mW/g

Maximum value of SAR (measured) = 0.132 mW/g





Test Laboratory: A Test Lab Techno Corp. Date/Time: 3/7/2007 2:04:24 AM

RC_PCS CH512_802.11g CH11

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(4.86, 4.86, 4.86); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Right Cheek/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.345 mW/g

Right Cheek/Zoom Scan (5x5x7)/Cube 0:

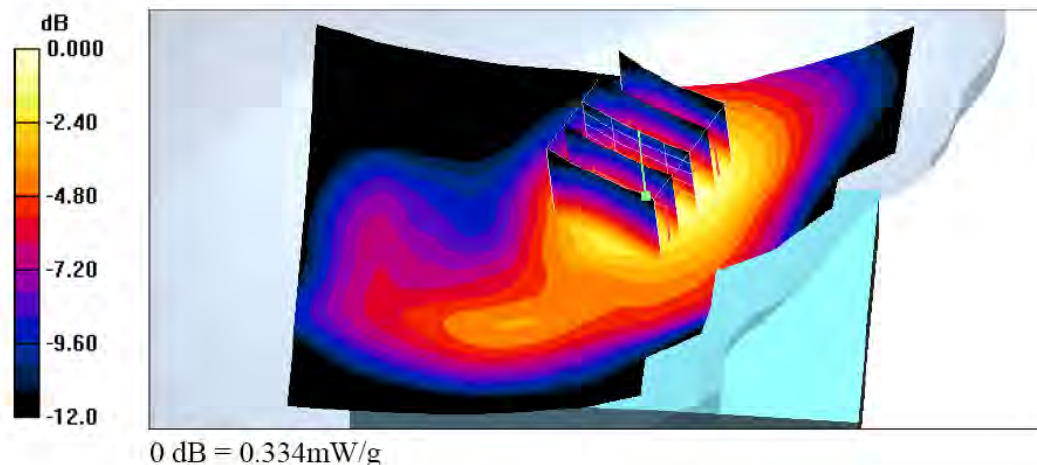
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.87 V/m; Power Drift = -0.065 dB

Peak SAR (extrapolated) = 0.425 W/kg

SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.200 mW/g

Maximum value of SAR (measured) = 0.334 mW/g





Test Laboratory: A Test Lab Techno Corp. Date/Time: 3/7/2007 2:20:41 AM

RT_PCS CH512_802.11g CH11

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 1850.2 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 40.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(4.86, 4.86, 4.86); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Right Tilted/Area Scan (71x101x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.126 mW/g

Right Tilted/Zoom Scan (5x5x7)/Cube 0:

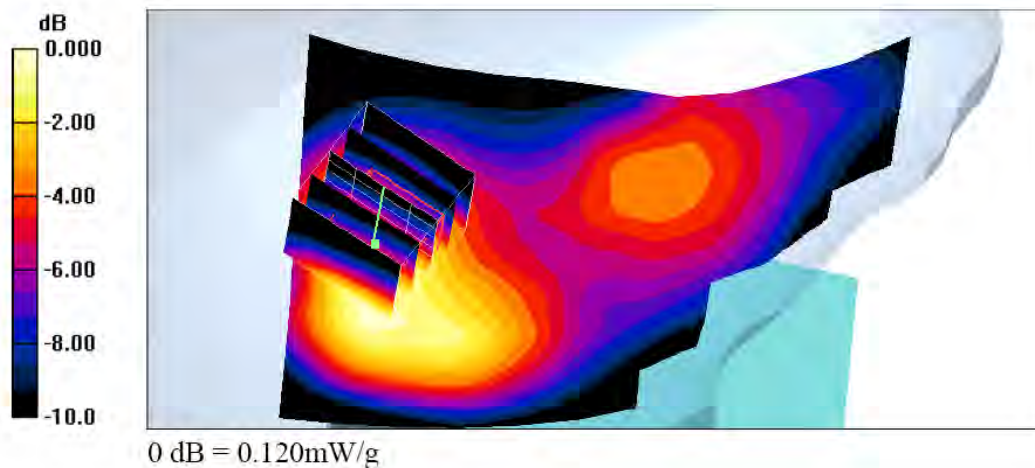
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.91 V/m ; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 0.164 W/kg

SAR(1 g) = 0.110 mW/g ; SAR(10 g) = 0.068 mW/g

Maximum value of SAR (measured) = 0.120 mW/g





Test Laboratory: A Test Lab Techno Corp. Date/Time: 3/7/2007 2:37:07 AM

LC_PCS CH661_802.11g CH11

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 40.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(4.86, 4.86, 4.86); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Left Cheek/Area Scan (71x101x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.183 mW/g

Left Cheek/Zoom Scan (5x5x7)/Cube 0:

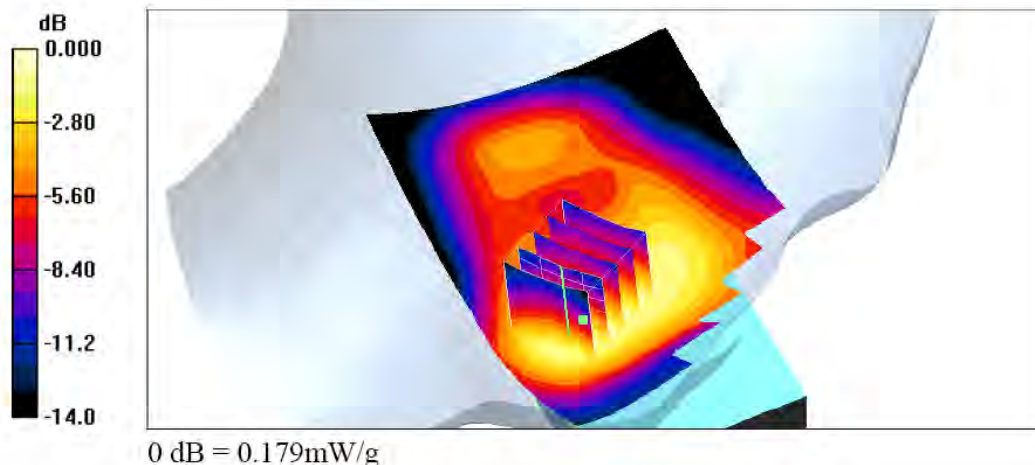
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.60 V/m ; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.240 W/kg

SAR(1 g) = 0.170 mW/g ; SAR(10 g) = 0.113 mW/g

Maximum value of SAR (measured) = 0.179 mW/g





Test Laboratory: A Test Lab Techno Corp. Date/Time: 3/7/2007 2:55:34 AM

LT_PCS CH512_802.11g CH11

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(4.86, 4.86, 4.86); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Left Tilted/Area Scan (71x111x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.128 mW/g

Left Tilted/Zoom Scan (5x5x7)/Cube 0:

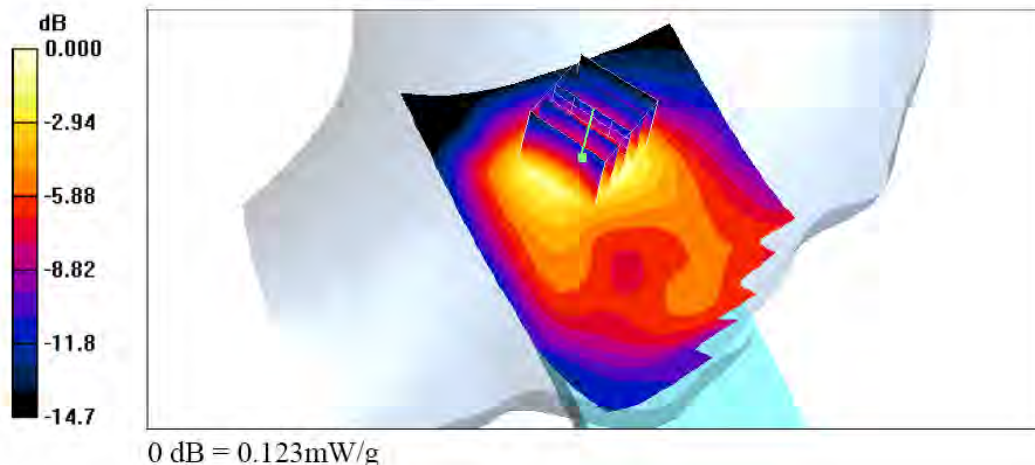
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.99 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 0.168 W/kg

SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.067 mW/g

Maximum value of SAR (measured) = 0.123 mW/g





Test Laboratory: A Test Lab Techno Corp. Date/Time: 3/14/2007 8:56:26 PM

Flat_GSM850 CH128_802.11b CH6_Muscle_15mm

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.971$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.66, 5.66, 5.66); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Flat/Area Scan (81x111x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.384 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

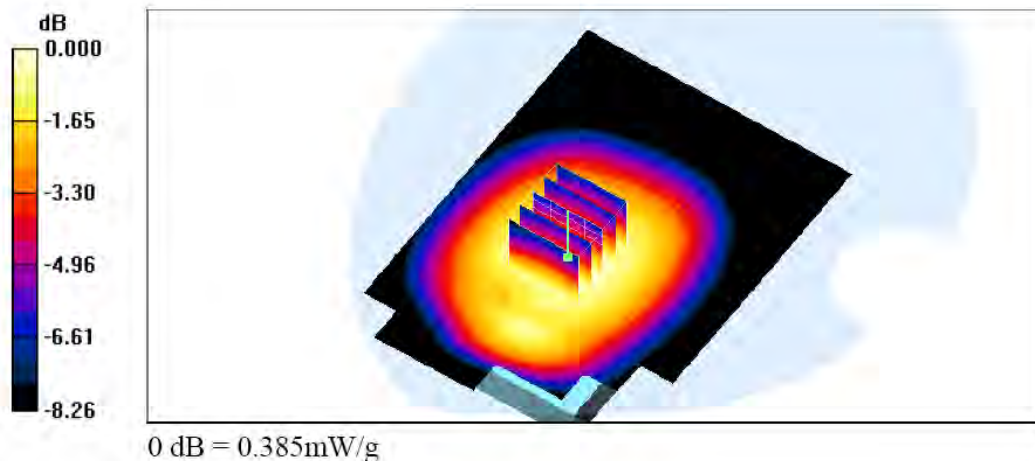
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.39 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 0.444 W/kg

SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.280 mW/g

Maximum value of SAR (measured) = 0.385 mW/g





Test Laboratory: A Test Lab Techno Corp. Date/Time: 3/14/2007 9:15:37 PM

Flat_GSM850 CH128_802.11g CH11_Muscle_15mm

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.971$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.66, 5.66, 5.66); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Flat/Area Scan (81x111x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.374 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

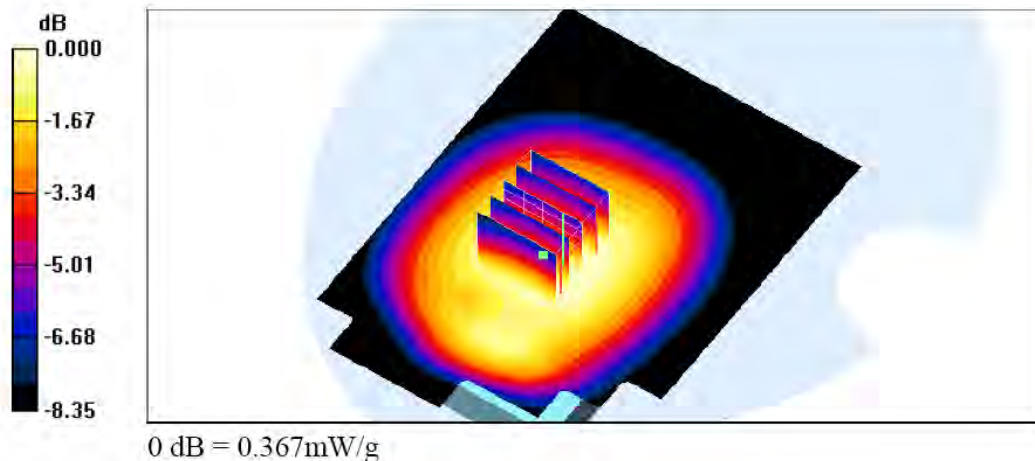
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.67 V/m; Power Drift = -0.134 dB

Peak SAR (extrapolated) = 0.421 W/kg

SAR(1 g) = 0.351 mW/g; SAR(10 g) = 0.273 mW/g

Maximum value of SAR (measured) = 0.367 mW/g





Test Laboratory: A Test Lab Techno Corp. Date/Time: 3/14/2007 9:56:51 PM

Flat_PCS CH512_802.11b CH6_Muscle_15mm

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(4.4, 4.4, 4.4); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Flat/Area Scan (81x111x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.274 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

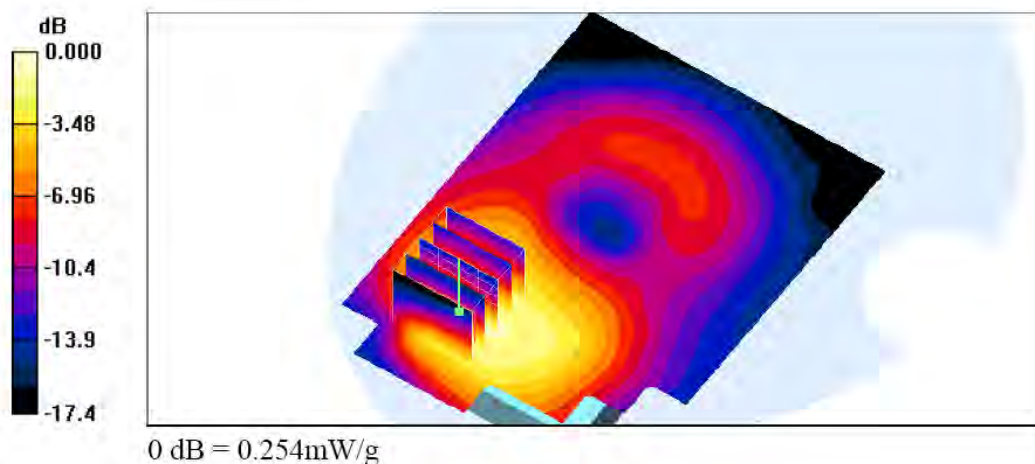
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.37 V/m; Power Drift = -0.091 dB

Peak SAR (extrapolated) = 0.400 W/kg

SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.133 mW/g

Maximum value of SAR (measured) = 0.254 mW/g





Test Laboratory: A Test Lab Techno Corp. Date/Time: 3/14/2007 10:16:18 PM

Flat_PCS CH512_802.11g CH11_Muscle_15mm

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(4.4, 4.4, 4.4); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Flat/Area Scan (81x111x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.276 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

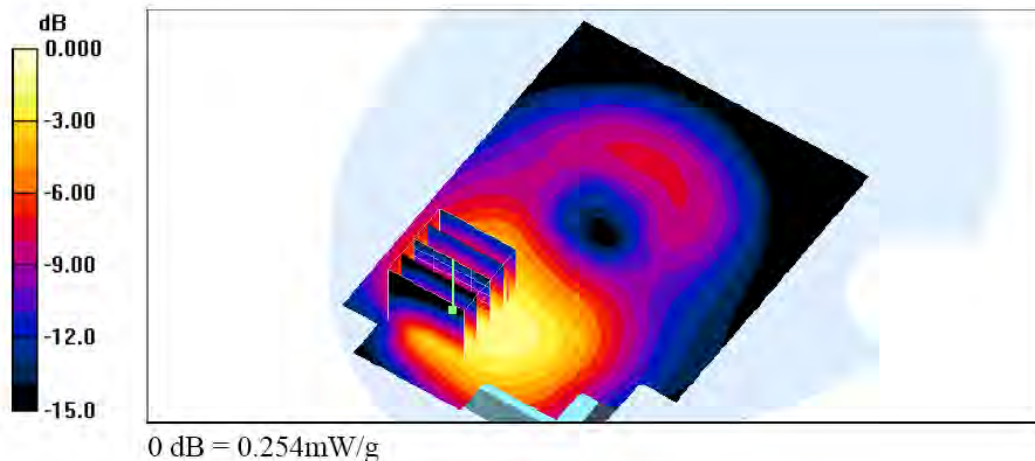
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.30 V/m; Power Drift = 0.053 dB

Peak SAR (extrapolated) = 0.402 W/kg

SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.135 mW/g

Maximum value of SAR (measured) = 0.254 mW/g





Test Laboratory: A Test Lab Techno Corp. Date/Time: 3/7/2007 5:29:13 AM

Flat_802.11b CH1

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: IEEE 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.96$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(3.94, 3.94, 3.94); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Flat/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.026 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

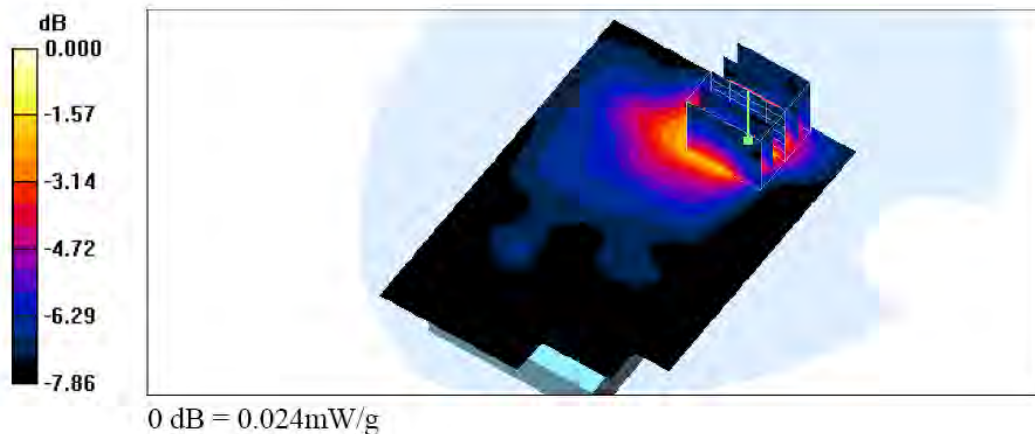
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.84 V/m; Power Drift = -0.190 dB

Peak SAR (extrapolated) = 0.061 W/kg

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.024 mW/g





Test Laboratory: A Test Lab Techno Corp. Date/Time: 3/7/2007 5:46:12 AM

Flat_802.11b CH6

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: IEEE 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.98 \text{ mho/m}$; $\epsilon_r = 51.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(3.94, 3.94, 3.94); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Flat/Area Scan (71x101x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.035 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

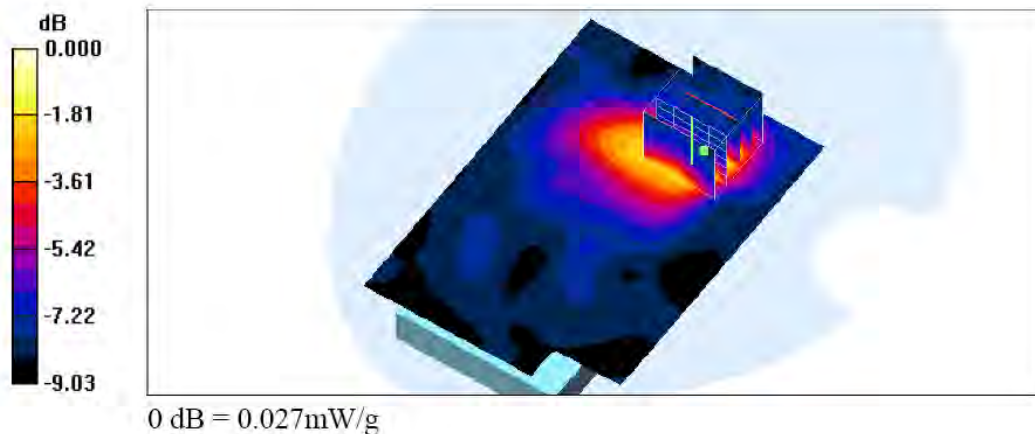
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.93 V/m ; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 0.075 W/kg

SAR(1 g) = 0.028 mW/g ; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.027 mW/g





Test Laboratory: A Test Lab Techno Corp. Date/Time: 3/7/2007 6:01:36 AM

Flat_802.11b CH11

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: IEEE 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.98 \text{ mho/m}$; $\epsilon_r = 51.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(3.94, 3.94, 3.94); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Flat/Area Scan (71x101x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.031 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

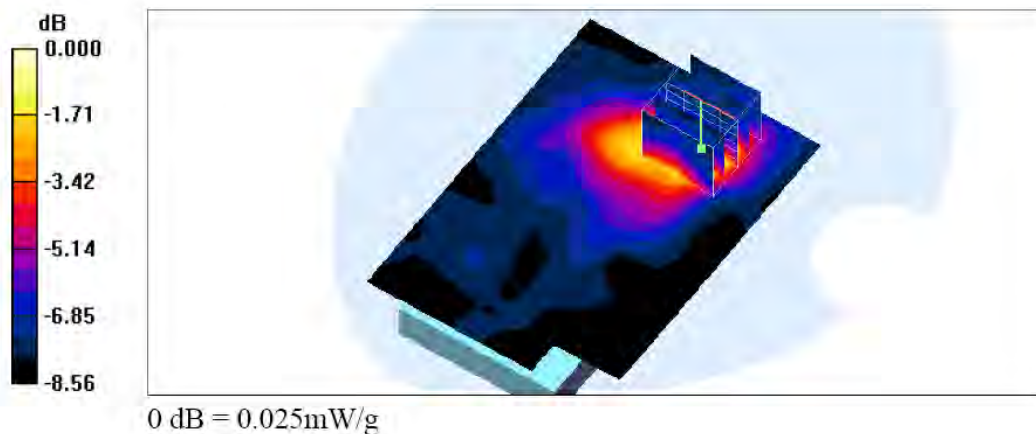
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.78 V/m ; Power Drift = 0.173 dB

Peak SAR (extrapolated) = 0.071 W/kg

SAR(1 g) = 0.026 mW/g ; SAR(10 g) = 0.014 mW/g

Maximum value of SAR (measured) = 0.025 mW/g





Test Laboratory: A Test Lab Techno Corp. Date/Time: 3/8/2007 8:11:36 PM

Flat_802.11g CH1_Muscle

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: IEEE 802.11g; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.96 \text{ mho/m}$; $\epsilon_r = 51.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(3.94, 3.94, 3.94); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Flat/Area Scan (71x101x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.017 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

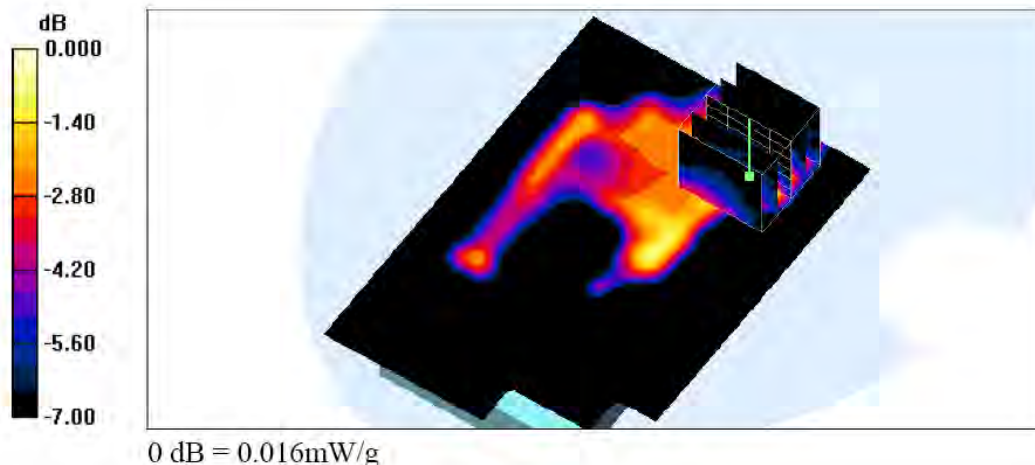
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.06 V/m ; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 0.024 W/kg

SAR(1 g) = 0.014 mW/g ; SAR(10 g) = 0.00774 mW/g

Maximum value of SAR (measured) = 0.016 mW/g





Test Laboratory: A Test Lab Techno Corp. Date/Time: 3/8/2007 8:42:33 PM

Flat_802.11g CH6_Muscle

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: IEEE 802.11g; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.98 \text{ mho/m}$; $\epsilon_r = 51.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(3.94, 3.94, 3.94); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Flat/Area Scan (81x101x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.024 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

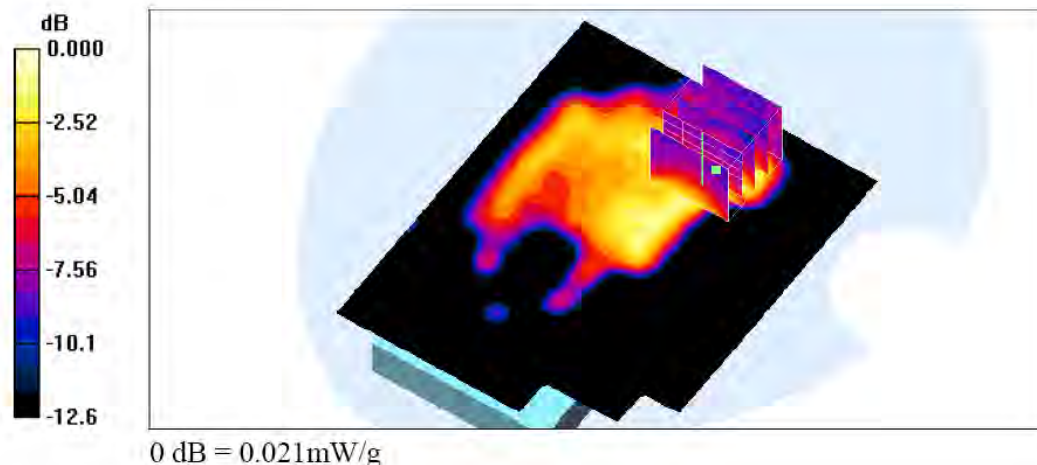
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.34 V/m ; Power Drift = 0.199 dB

Peak SAR (extrapolated) = 0.032 W/kg

SAR(1 g) = 0.019 mW/g ; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.021 mW/g





Test Laboratory: A Test Lab Techno Corp. Date/Time: 3/8/2007 9:03:17 PM

Flat_802.11g CH11_Muscle

DUT: Mercury 619; Type: PDA PHONE; FCC ID:DGIBC0153AAA000

Communication System: IEEE 802.11g; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.98 \text{ mho/m}$; $\epsilon_r = 51.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(3.94, 3.94, 3.94); Calibrated: 9/21/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Flat/Area Scan (81x101x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.025 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

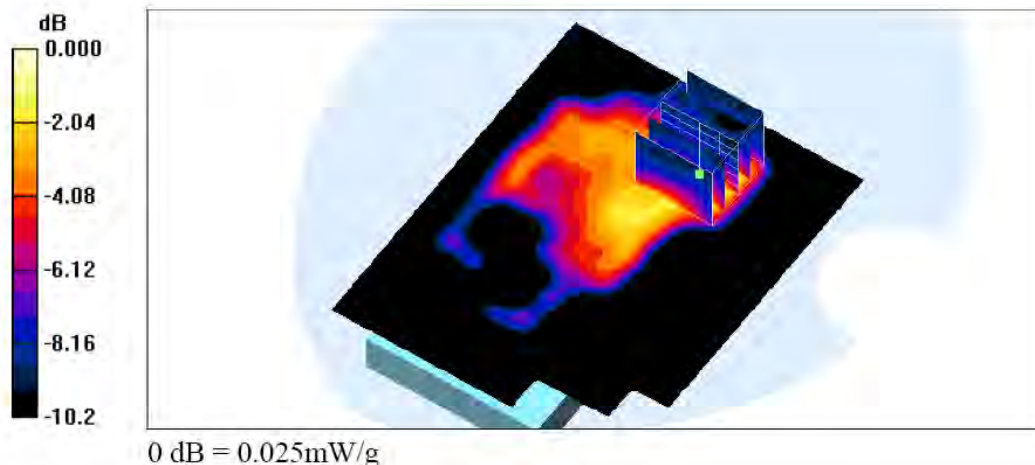
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.54 V/m ; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 0.048 W/kg

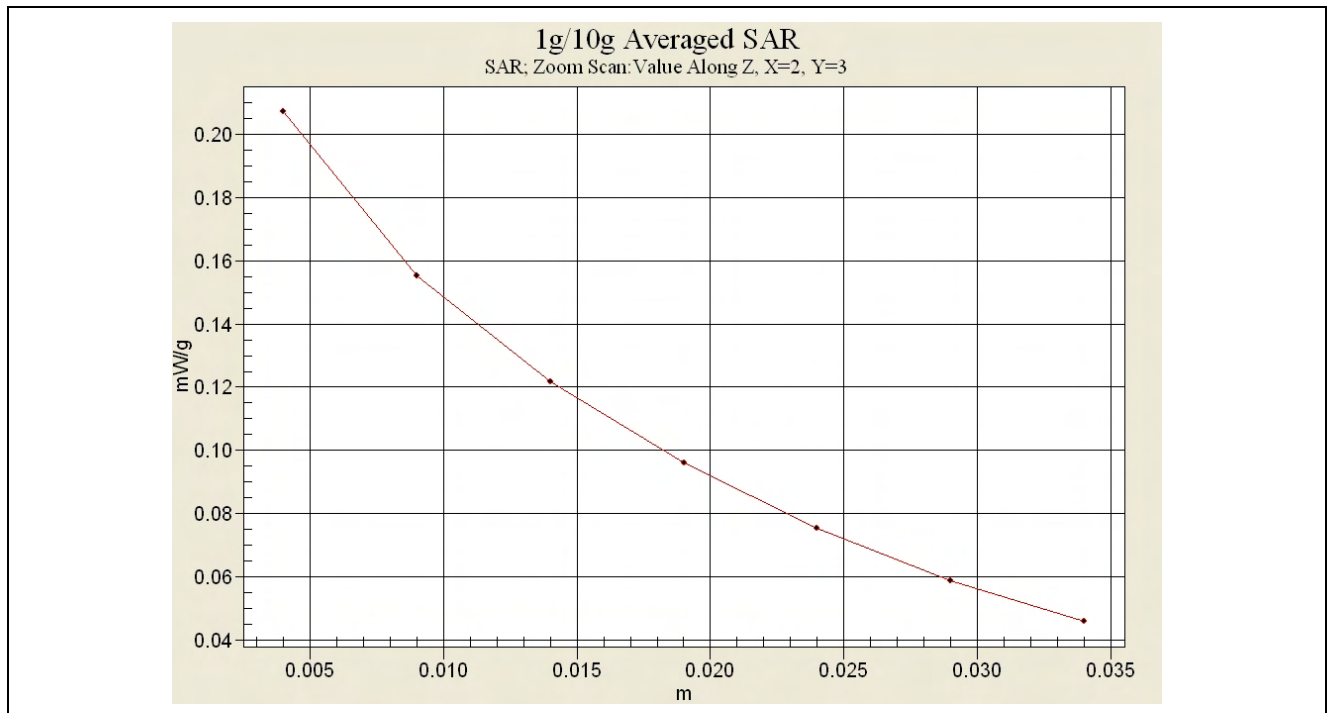
SAR(1 g) = 0.023 mW/g ; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.025 mW/g

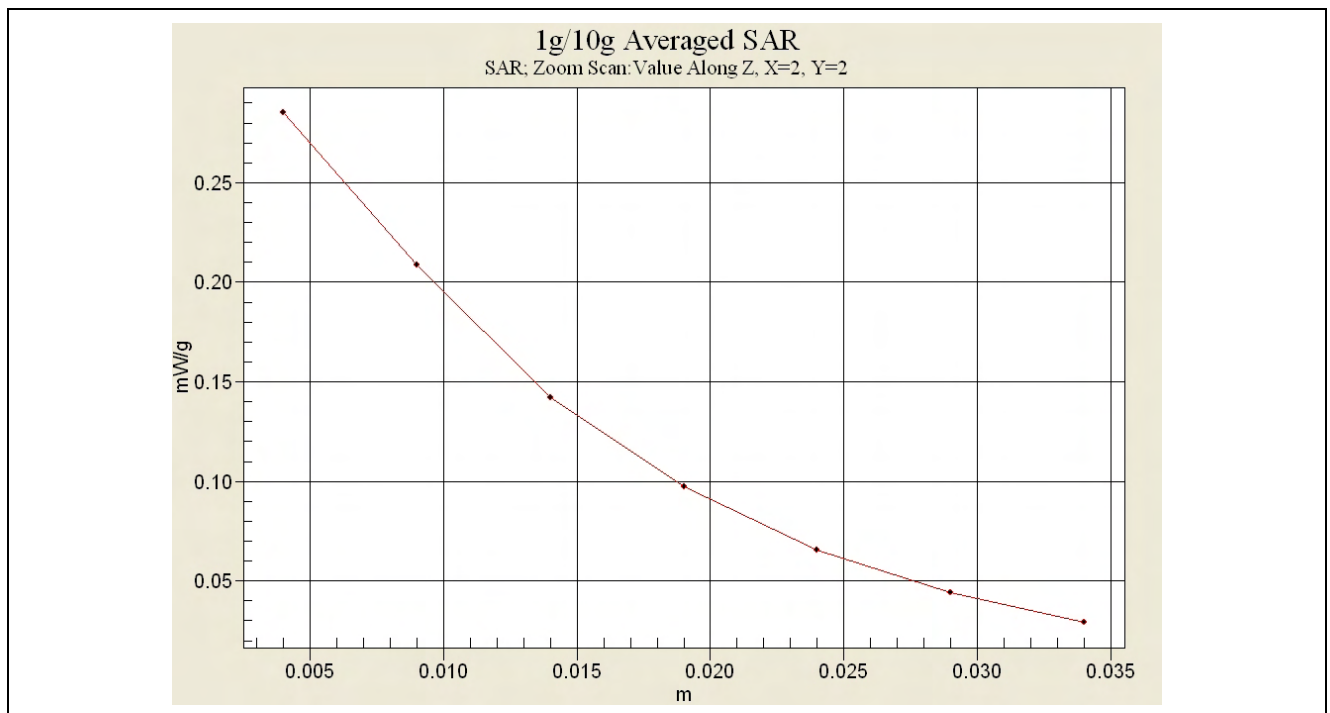




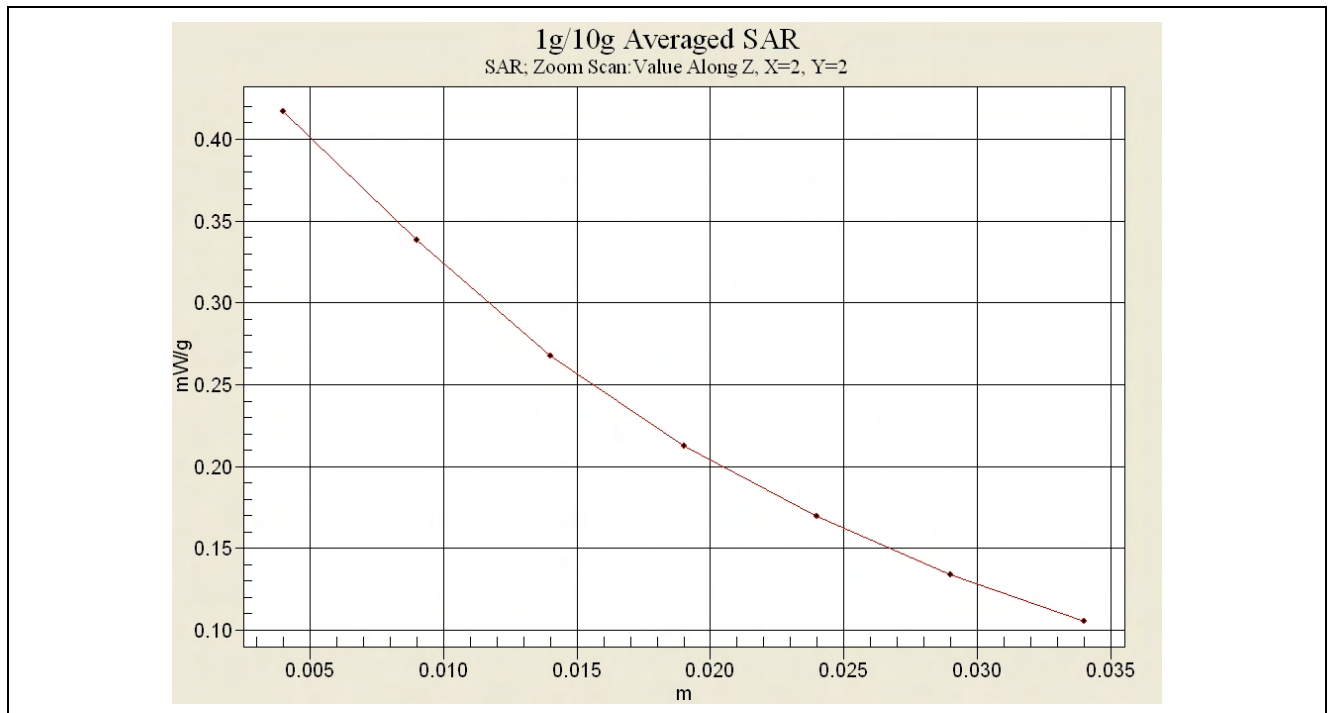
Z-axis Plot of SAR Measurement



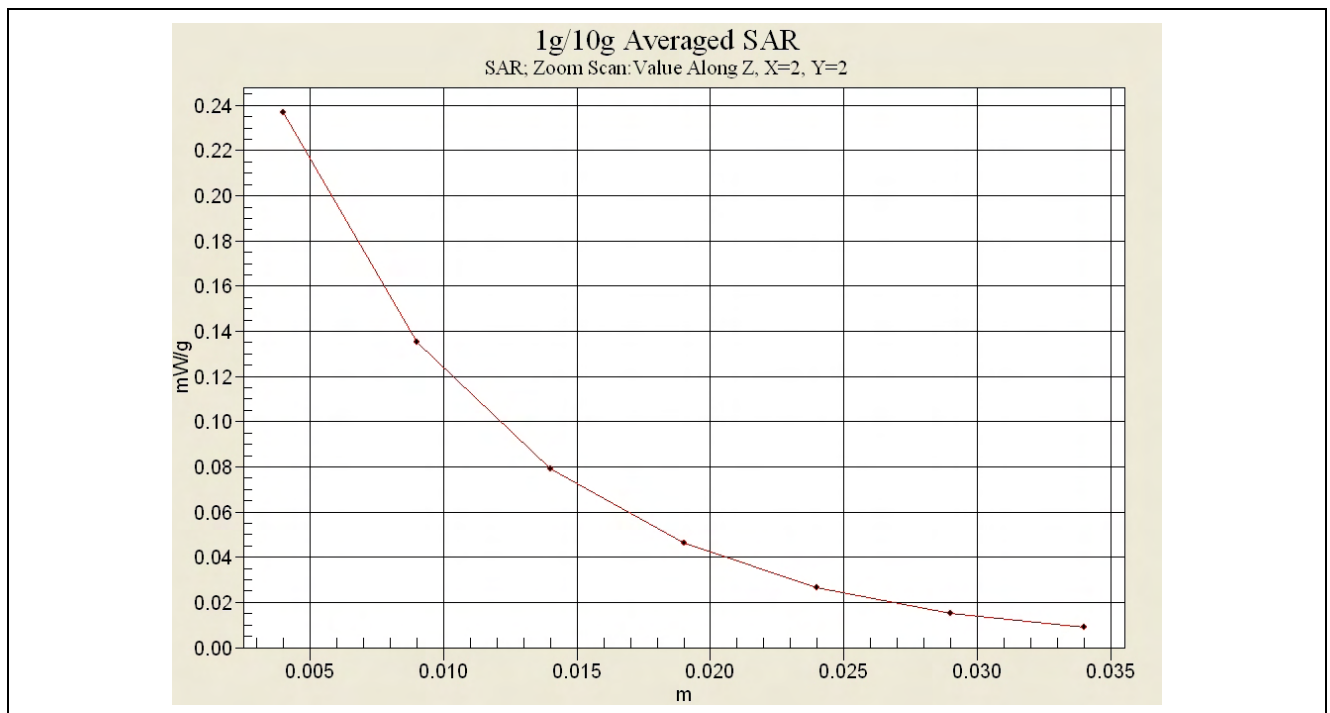
Z-axis Plot of GSM850 Head CH128



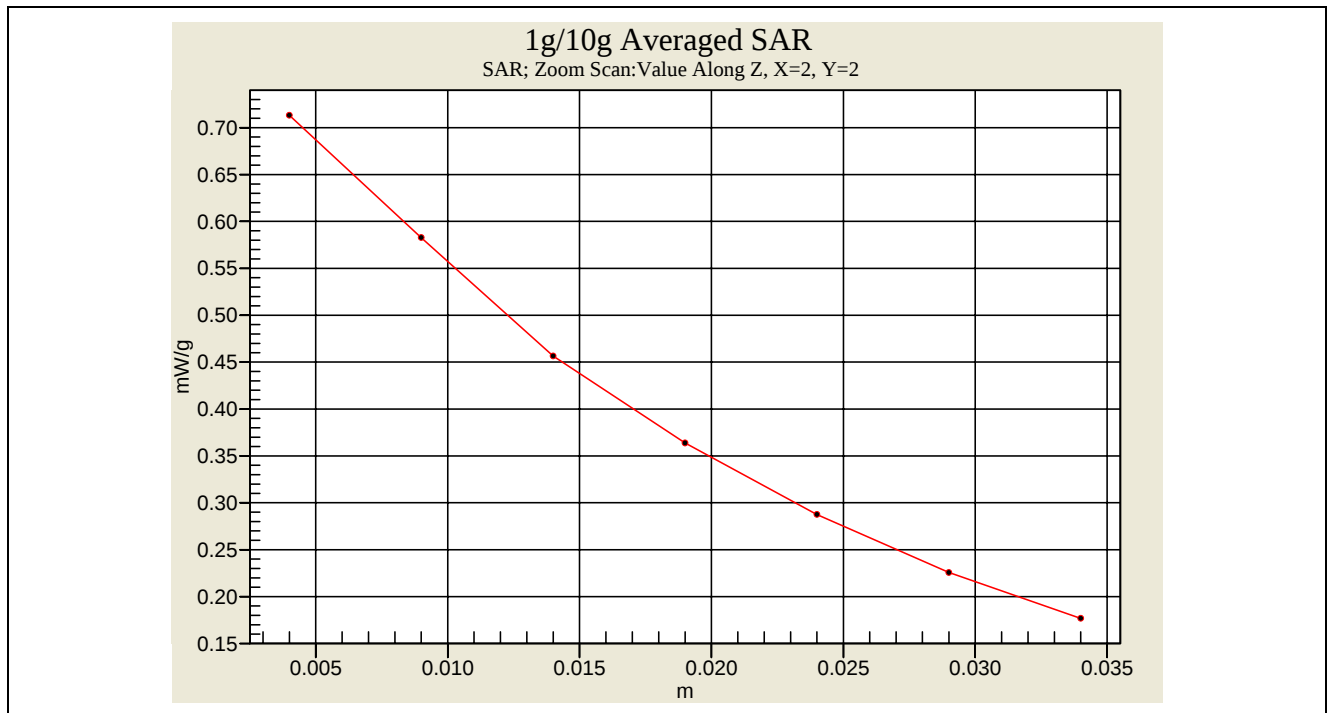
Z-axis Plot of PCS Head CH512



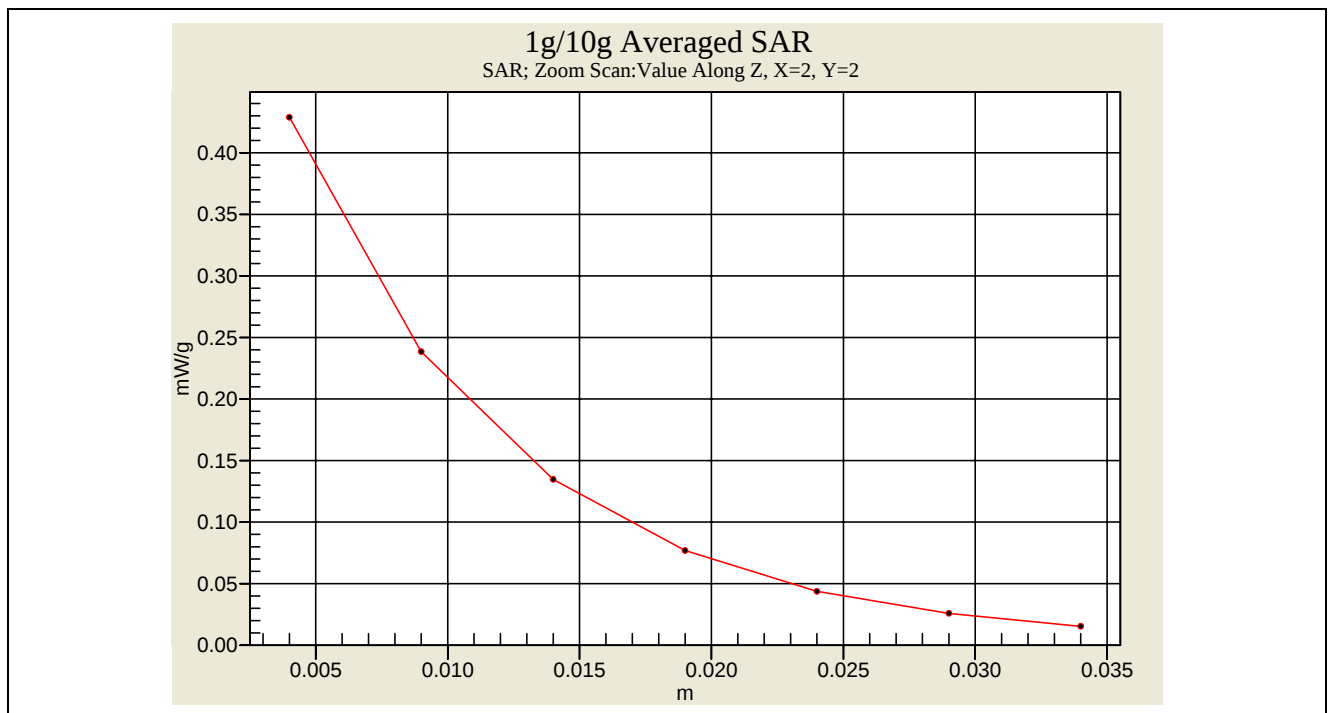
Z-axis Plot of GSM850 Flat CH190



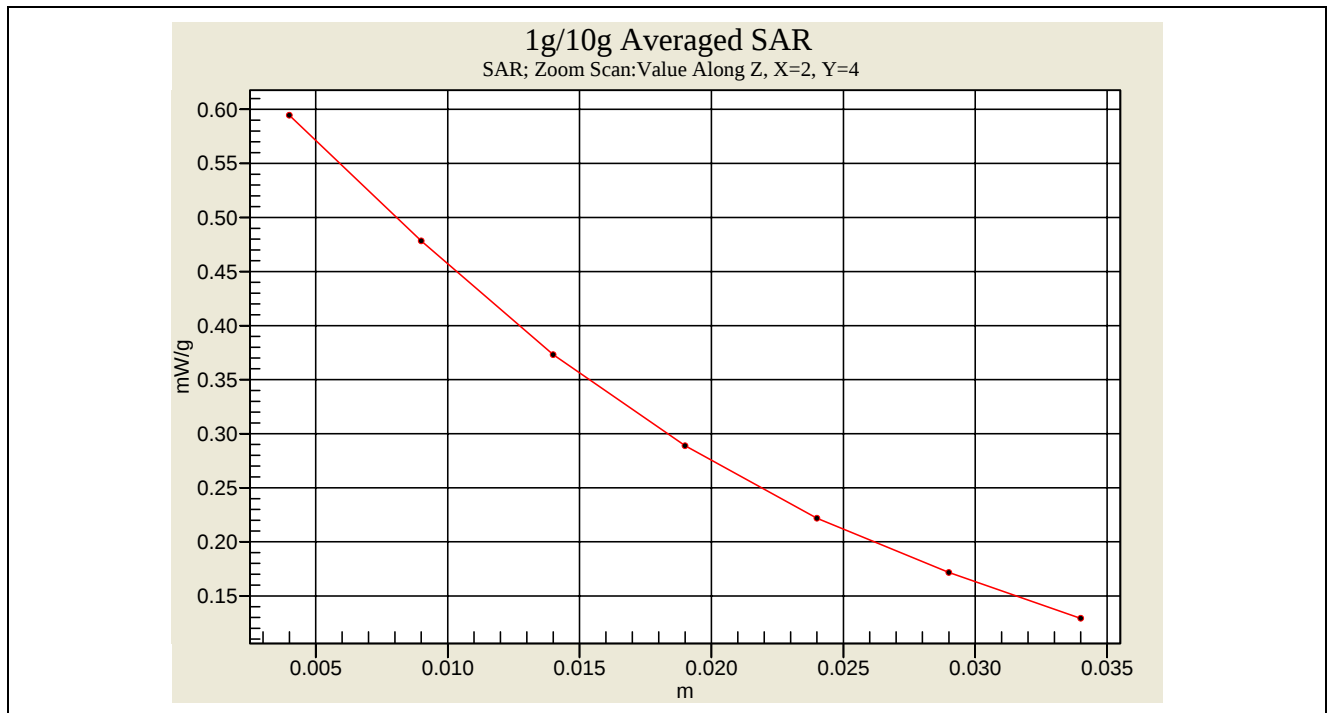
Z-axis Plot of PCS Flat CH512



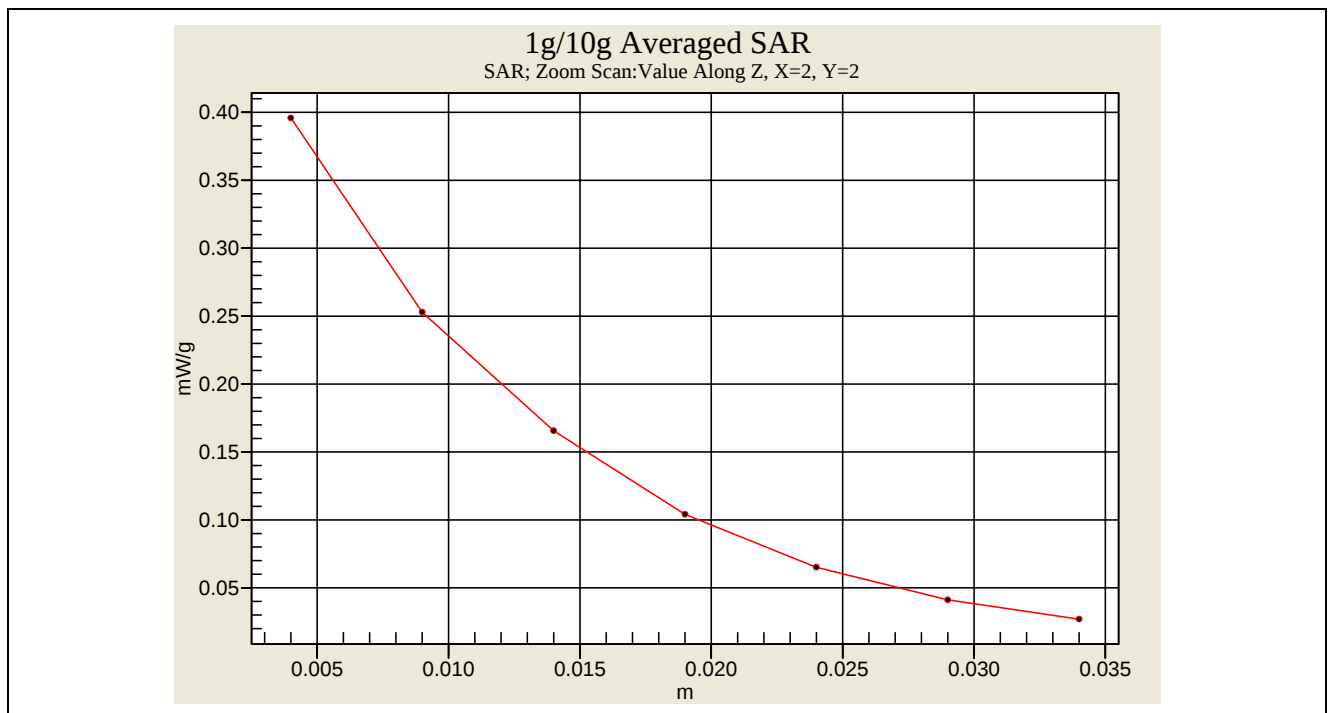
Z-axis Plot of GSM850 / GPRS Flat CH128 (BT/ON)



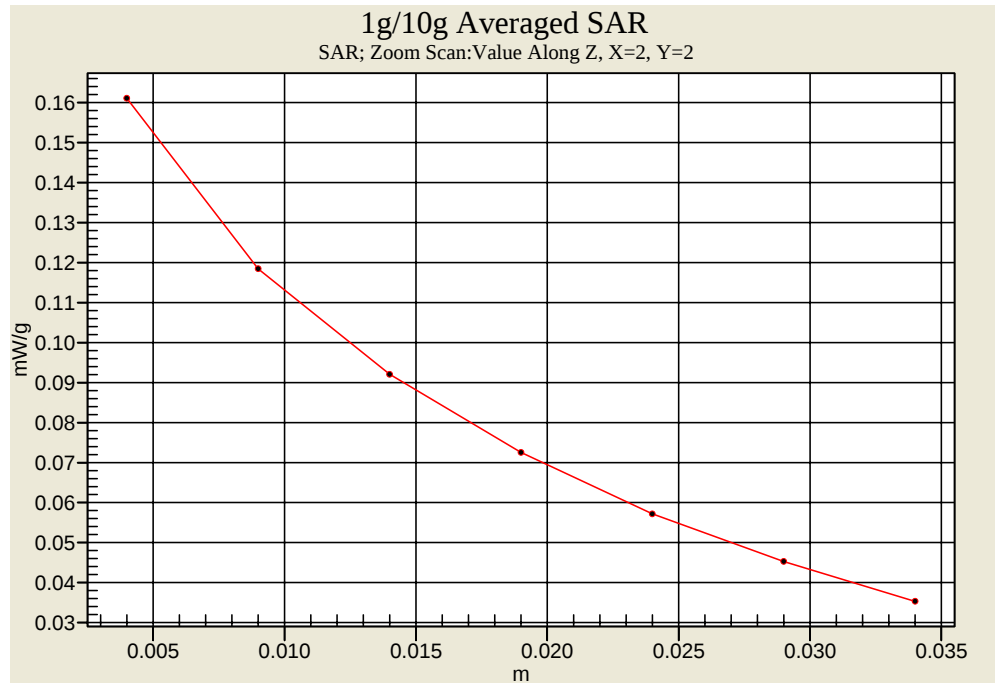
Z-axis Plot of PCS / GPRS Flat CH512 (BT/ON)



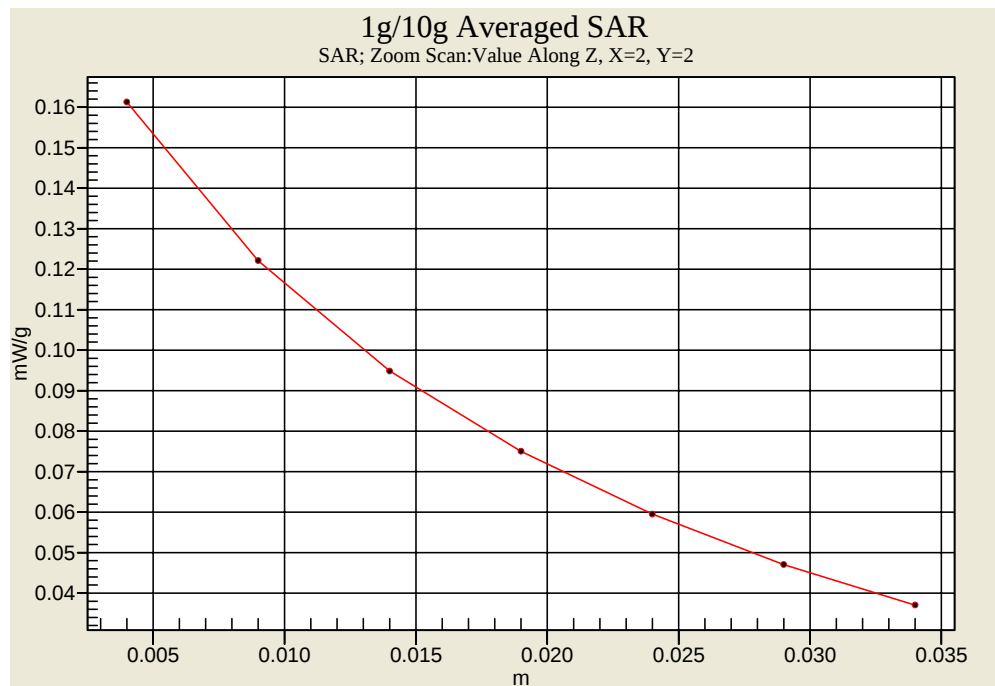
Z-axis Plot of GSM850 / EGPRS Flat CH128 (BT/ON)



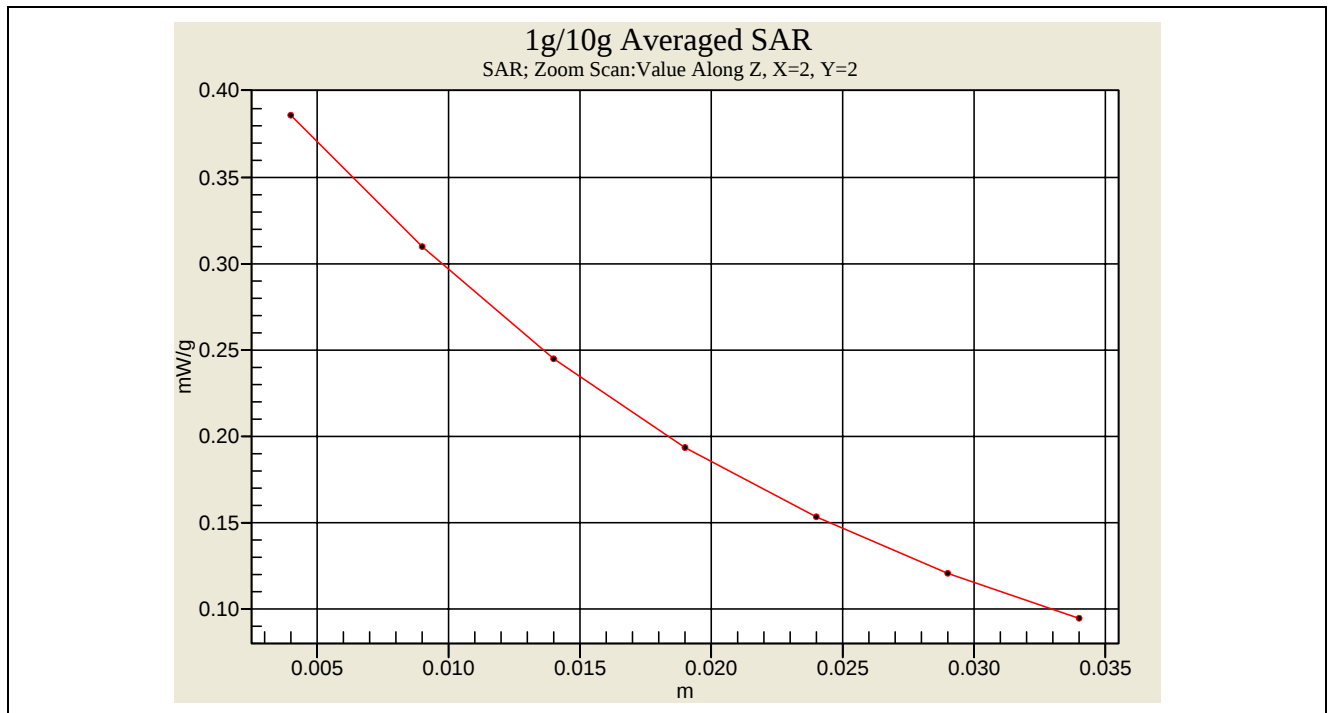
Z-axis Plot of PCS / EGPRS Flat CH512 (BT/ON)



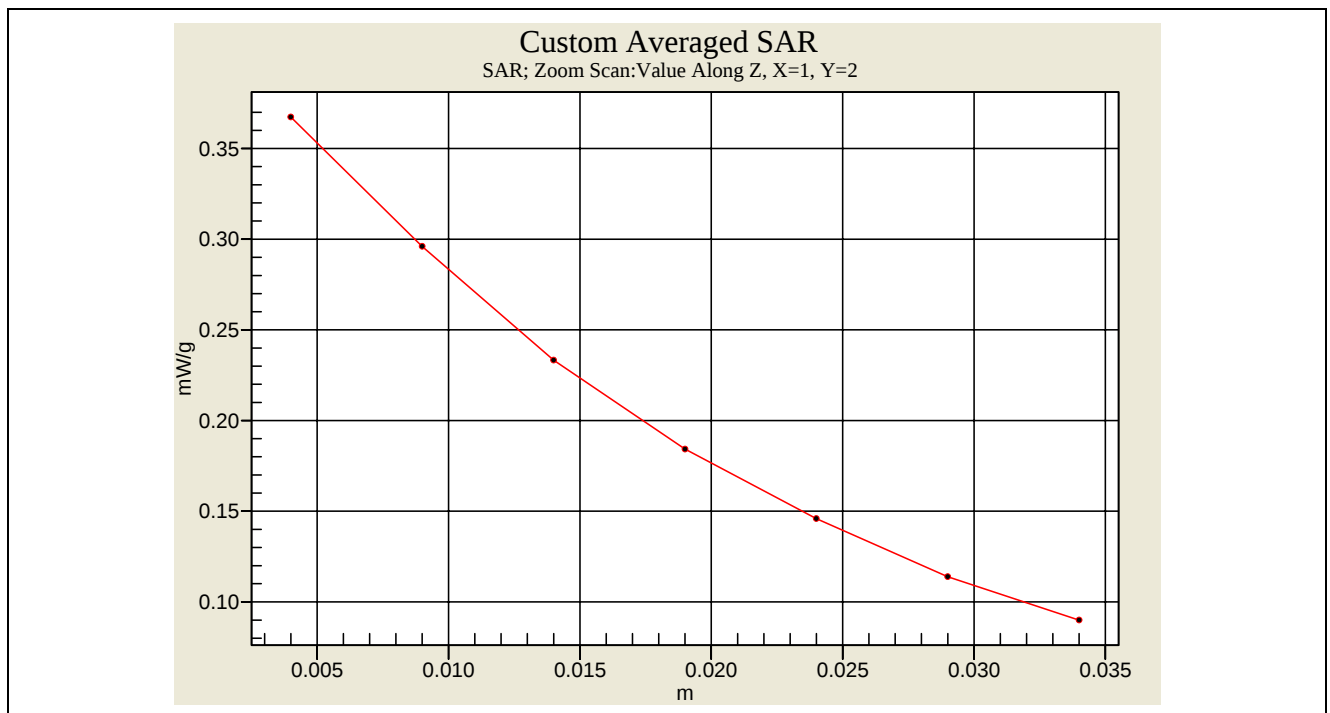
Z-axis Plot of GSM850 / WLAM 802.11b Left Cheek CH128



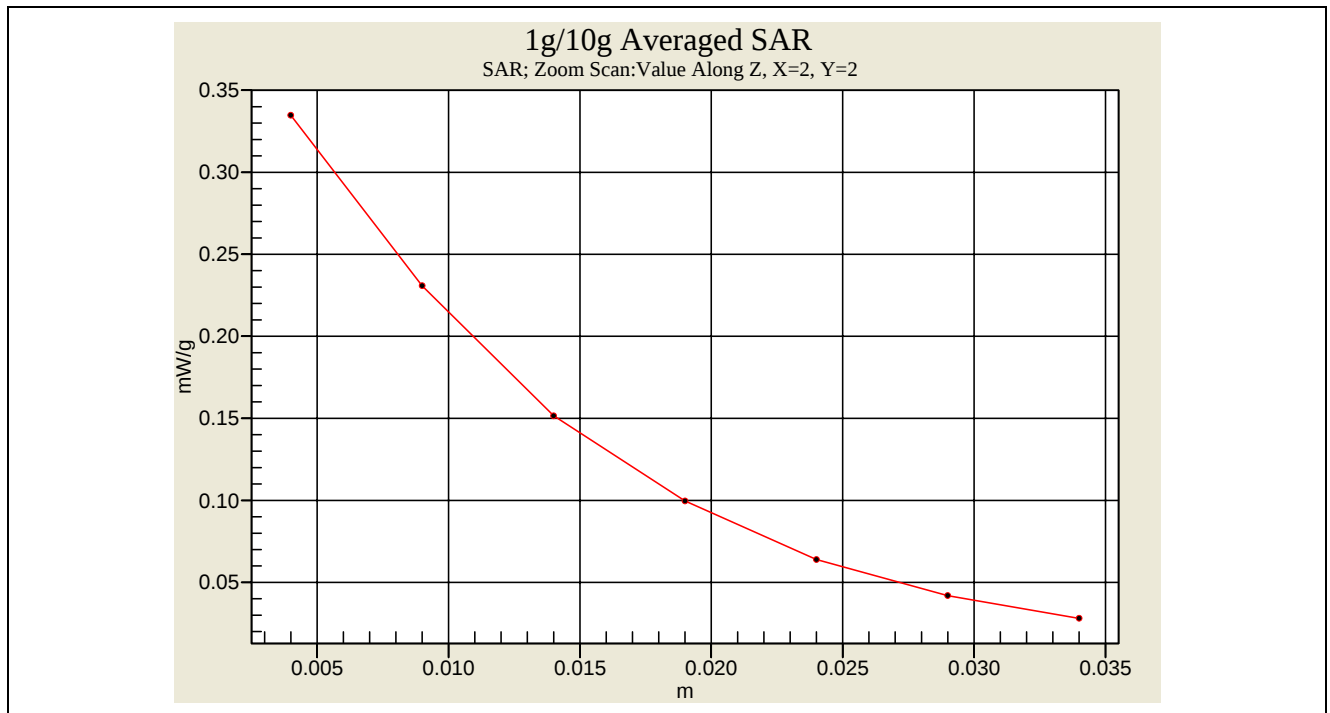
Z-axis Plot of GSM850 / WLAM 802.11b Left Cheek CH128



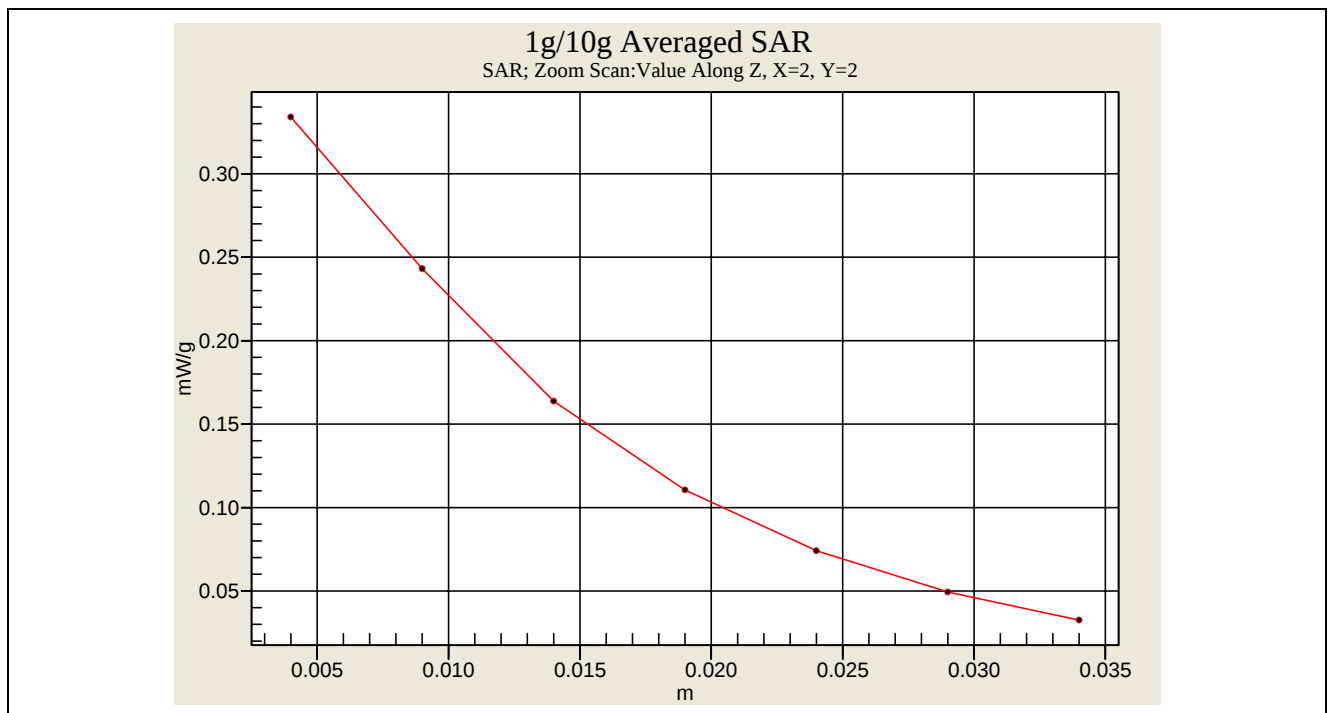
Z-axis Plot of GSM850 / WLAM 802.11b Flat CH128



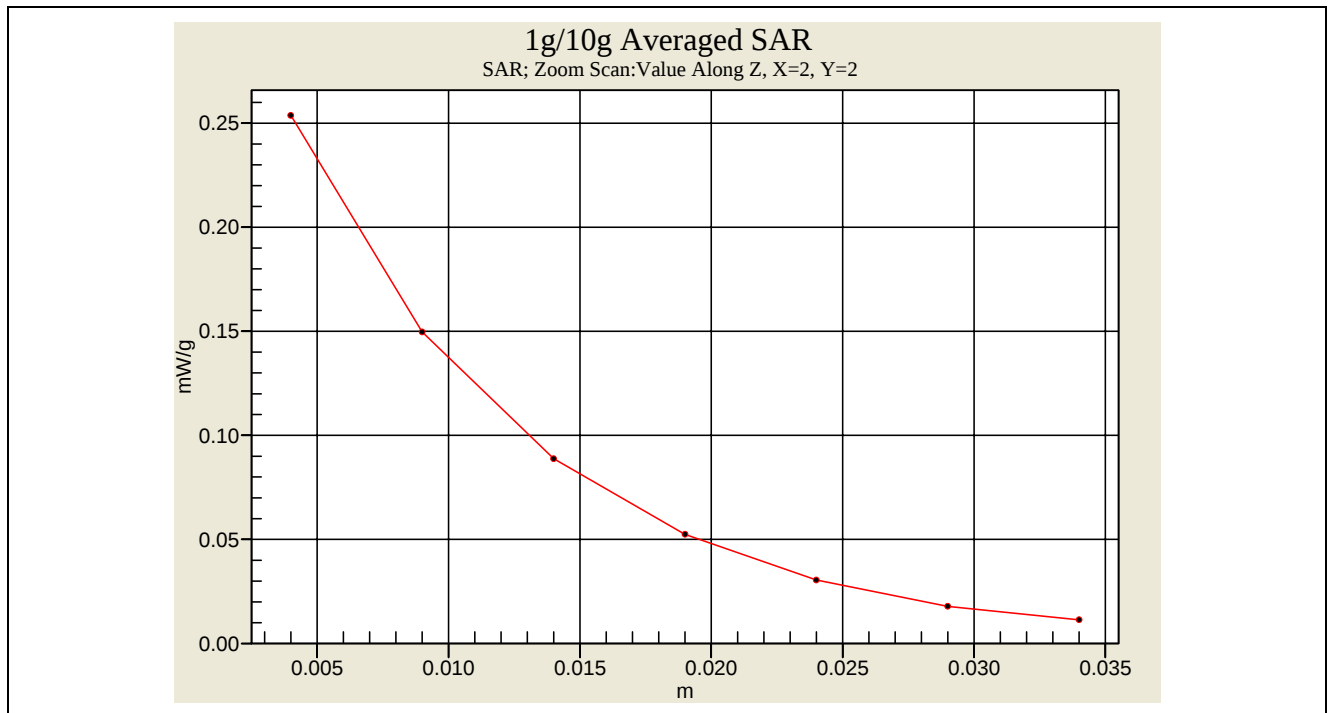
Z-axis Plot of GSM850 / WLAM 802.11g Flat CH128



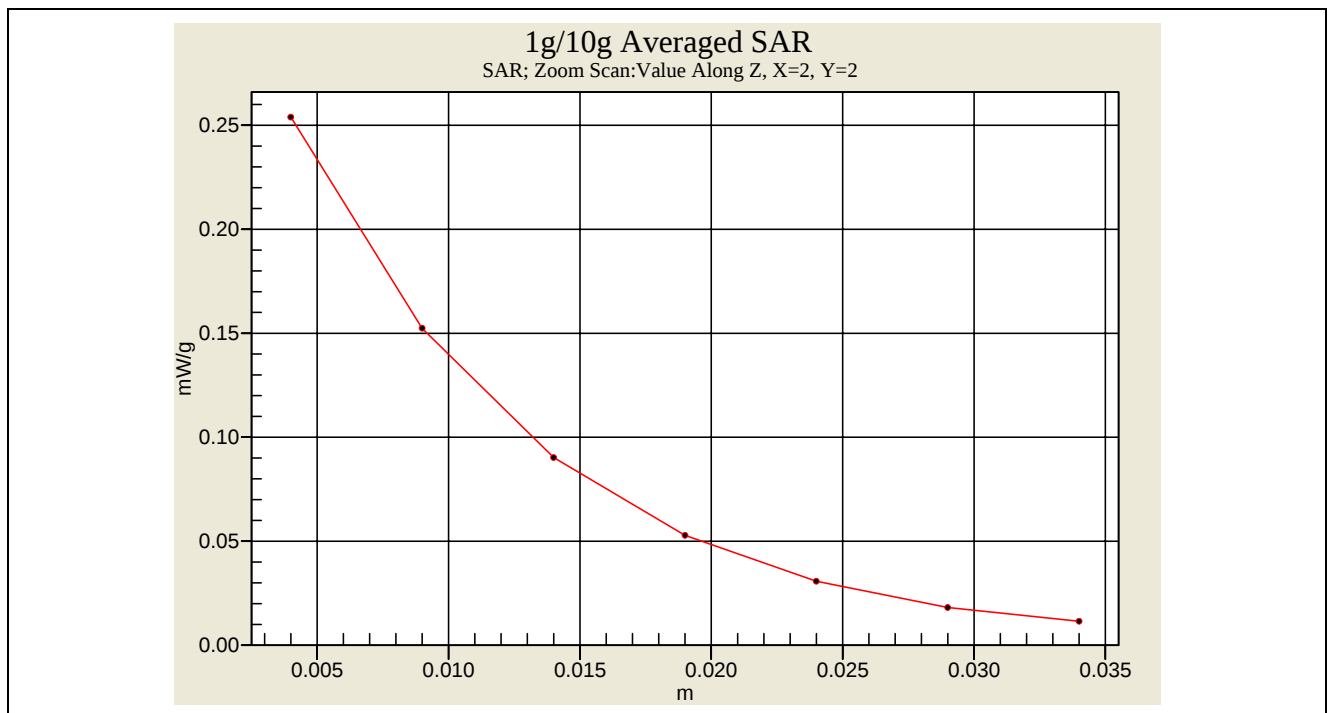
Z-axis Plot of PCS 1900 / WLAM 802.11b Right Cheek CH512



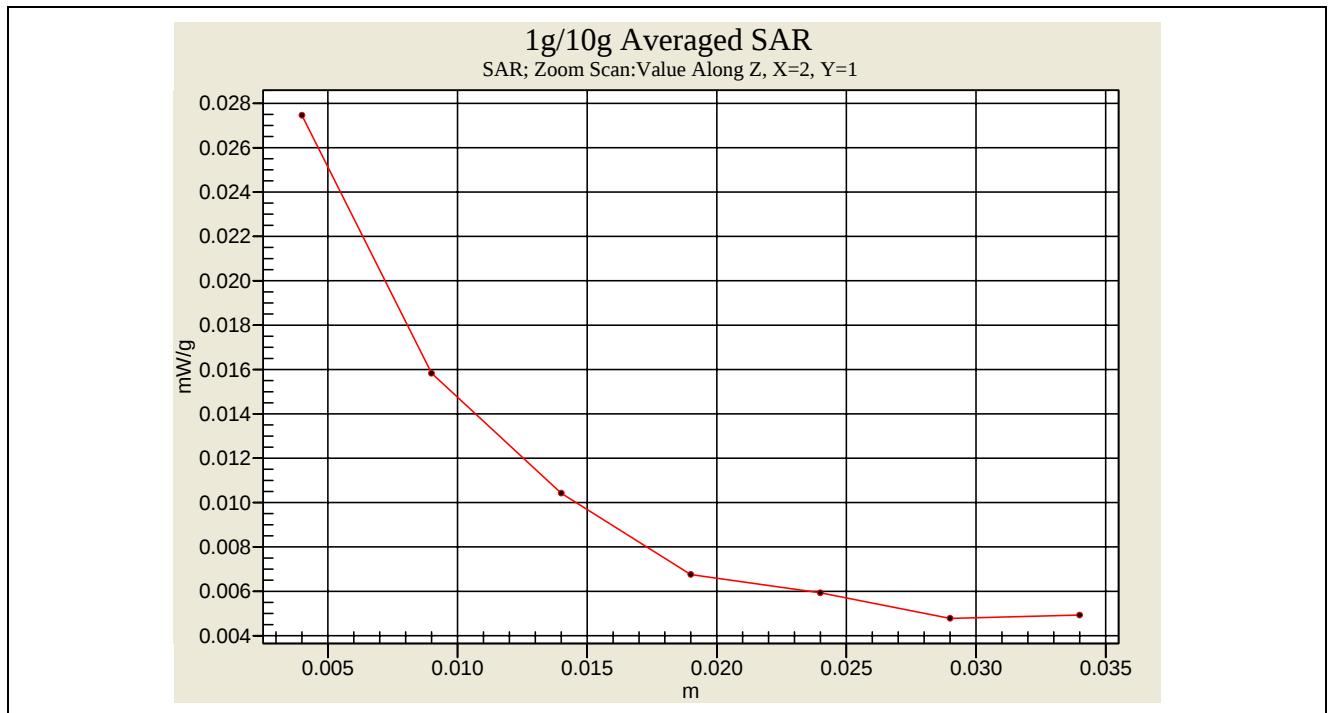
Z-axis Plot of PCS 1900 / WLAM 802.11g Right Cheek CH512



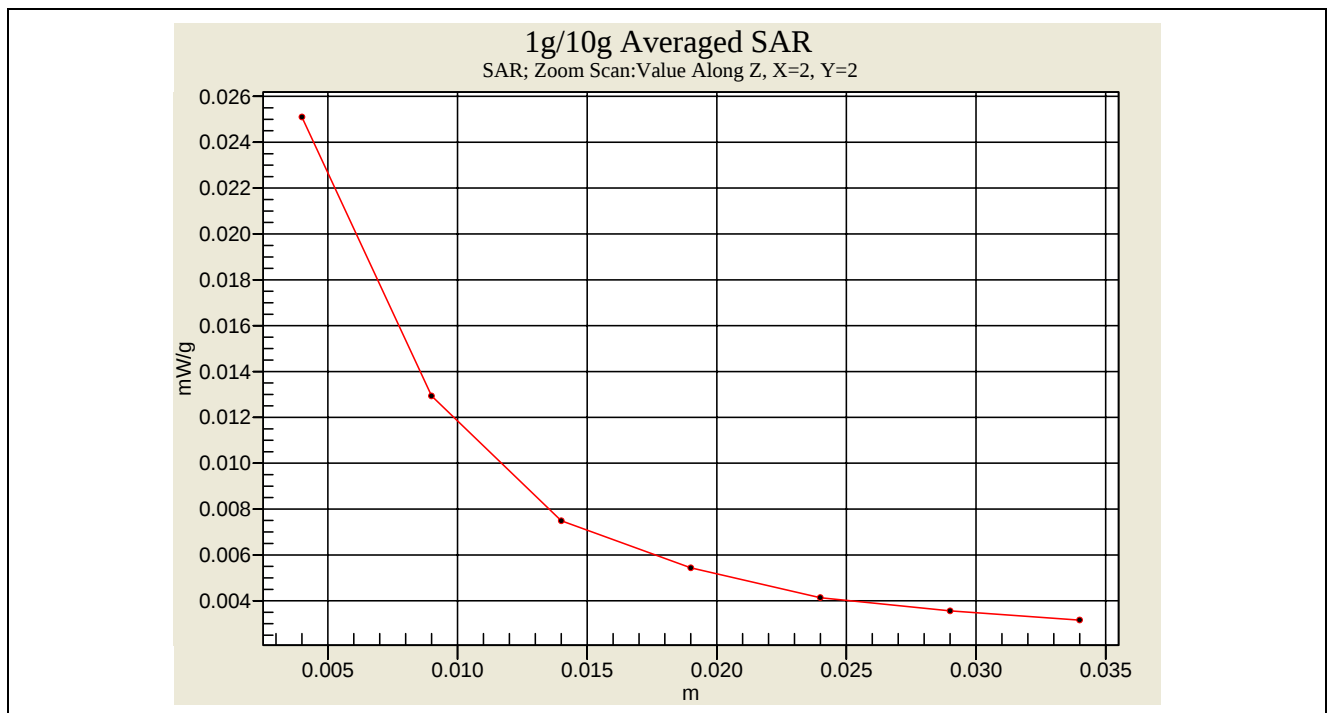
Z-axis Plot of PCS 1900 / WLAM 802.11b Flat CH512



Z-axis Plot of PCS 1900 / WLAM 802.11g Flat CH512



Z-axis Plot of WLAM 802.11b Flat CH06



Z-axis Plot of WLAM 802.11g Flat CH11



Appendix C - Calibration

All of the instruments Calibration information are listed below.

- D900V2 SN:073 Calibration No.D900V2-073_Jul06
- D900V2 SN:172 Calibration No.D900V2-172_Jan06
- D900V2 SN:172 Calibration No.D900V2-172_Jan07
- Dipole _ D1800V2 SN: 2d057 Calibration No.D1800V2d057_Jan06
- Dipole _ D1800V2 SN: 265 Calibration No.D1800V265_Oct06
- Dipole _ D2450V2 SN: 712 Calibration No.D2450V712_Feb07
- Probe _ ET3DV6 SN:1531 Calibration No.ET3-1531_Jan06
- Probe _ ET3DV6 SN:1530 Calibration No.ET3-1530_Sep06
- DAE _ DAE3 SN:393 Calibration No.DAE3-393_Sep06
- DAE _ DAE4 SN:541 Calibration No.DAE4-541_Oct06