

APPENDIX A – SAR TEST PLOTS

Test Laboratory: HCT

Channel : 1

Battery Type: Energizer

Liquid Temperature : 21.7 °C

Date Tested : February 27, 2007

DUT: GMRS1072 (Face); Type: Bar; Serial: #1

Communication System: 450MHz (FCC); Frequency: 462.563 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 462.563 \text{ MHz}$; $\sigma = 0.879 \text{ mho/m}$; $\epsilon_r = 44.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(7.59, 7.59, 7.59); Calibrated: 2006-08-25

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn466; Calibrated: 2007-01-25

- Phantom: SAM 1800/1900 MHz; Type: SAM

GMRS 450 Face 1/Area Scan (71x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.945 mW/g

GMRS 450 Face 1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

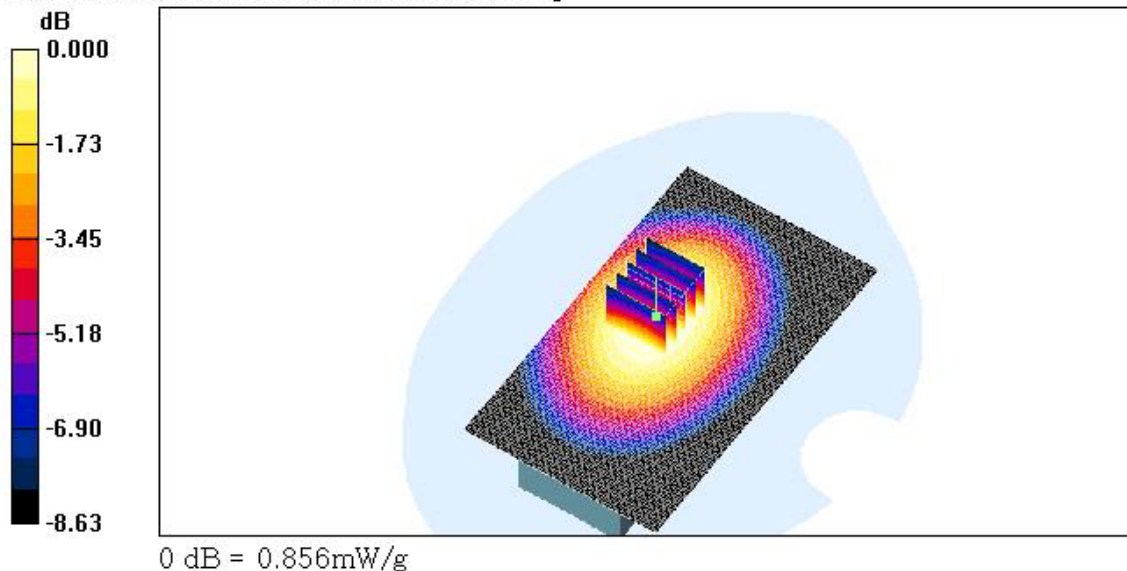
Reference Value = 31.4 V/m; Power Drift = -0.727 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.816 mW/g; SAR(10 g) = 0.589 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.856 mW/g



Test Laboratory: HCT

Channel : 15

Battery Type: Energizer

Liquid Temperature : 21.7 °C

Date Tested : February 27, 2007

DUT: GMRS1072 (Face); Type: Bar; Serial: #1

Communication System: 450MHz (FCC); Frequency: 462.55 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 462.55$ MHz; $\sigma = 0.879$ mho/m; $\epsilon_r = 44.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(7.59, 7.59, 7.59); Calibrated: 2006-08-25

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn466; Calibrated: 2007-01-25

- Phantom: SAM 1800/1900 MHz; Type: SAM

GMRS 450 Face 15/Area Scan (71x121x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.884 mW/g

GMRS 450 Face 15/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

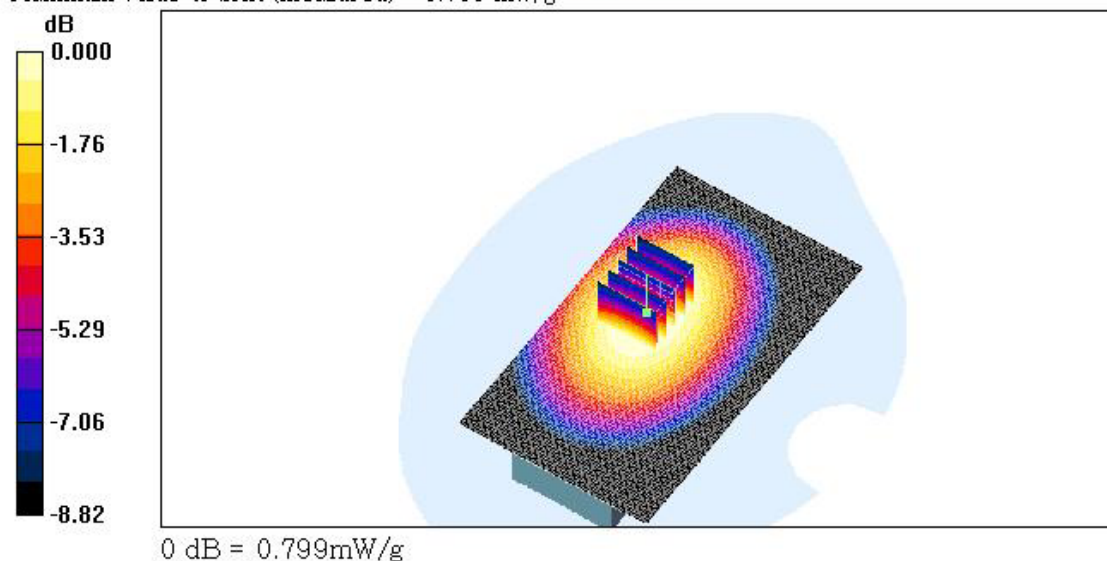
Reference Value = 30.3 V/m; Power Drift = -0.792 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.759 mW/g; SAR(10 g) = 0.541 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.799 mW/g



Test Laboratory: HCT

Channel : 22

Battery Type: Energizer

Liquid Temperature : 21.7℃

Date Tested : February 27, 2007

DUT: GMRS1072 (Face); Type: Bar; Serial: #1

Communication System: 450MHz (FCC); Frequency: 462.725 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 462.725 \text{ MHz}$; $\sigma = 0.879 \text{ mho/m}$; $\epsilon_r = 44.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(7.59, 7.59, 7.59); Calibrated: 2006-08-25

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn466; Calibrated: 2007-01-25

- Phantom: SAM 1800/1900 MHz; Type: SAM

GMRS 450 Face 22/Area Scan (71x121x1): Measurement grid: $\Delta x = 15\text{mm}$, $\Delta y = 15\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.870 mW/g

GMRS 450 Face 22/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $\Delta x = 8\text{mm}$, $\Delta y = 8\text{mm}$, $\Delta z = 5\text{mm}$

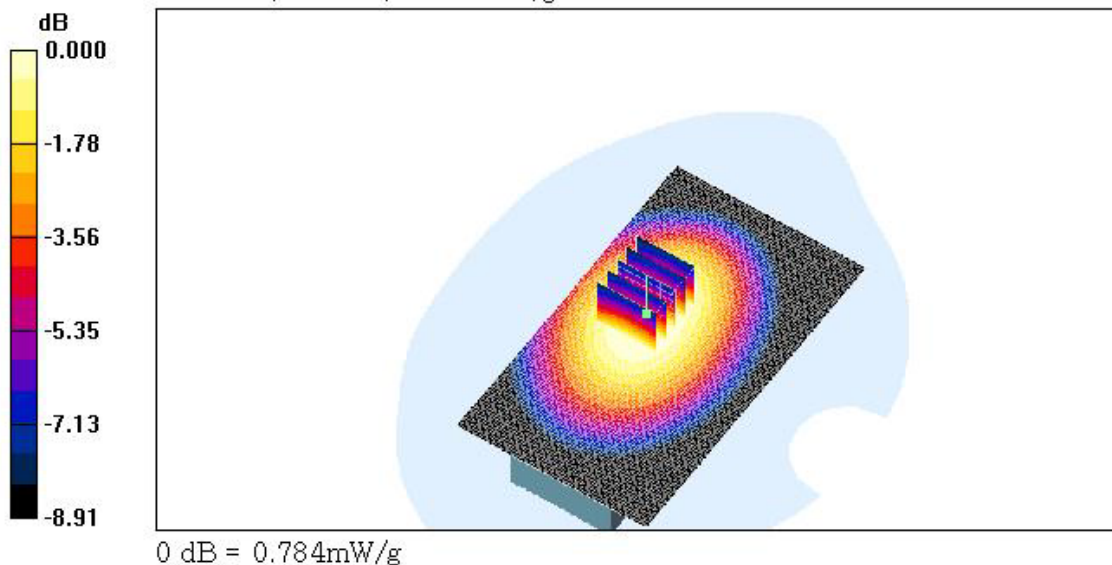
Reference Value = 30.5 V/m; Power Drift = -0.825 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.749 mW/g; SAR(10 g) = 0.535 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

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



Test Laboratory: HCT

Channel : 8(FRS)

Battery Type: Energizer

Liquid Temperature : 21.7 °C

Date Tested : February 27, 2007

DUT: GMRS1072 (Face); Type: Bar; Serial: #1

Communication System: 450MHz (FCC); Frequency: 467.563 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 467.563 \text{ MHz}$; $\sigma = 0.883 \text{ mho/m}$; $\epsilon_r = 44.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(7.59, 7.59, 7.59); Calibrated: 2006-08-25

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn466; Calibrated: 2007-01-25

- Phantom: SAM 1800/1900 MHz; Type: SAM

GMRS 450 Face 8/Area Scan (71x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.144 mW/g

GMRS 450 Face 8/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

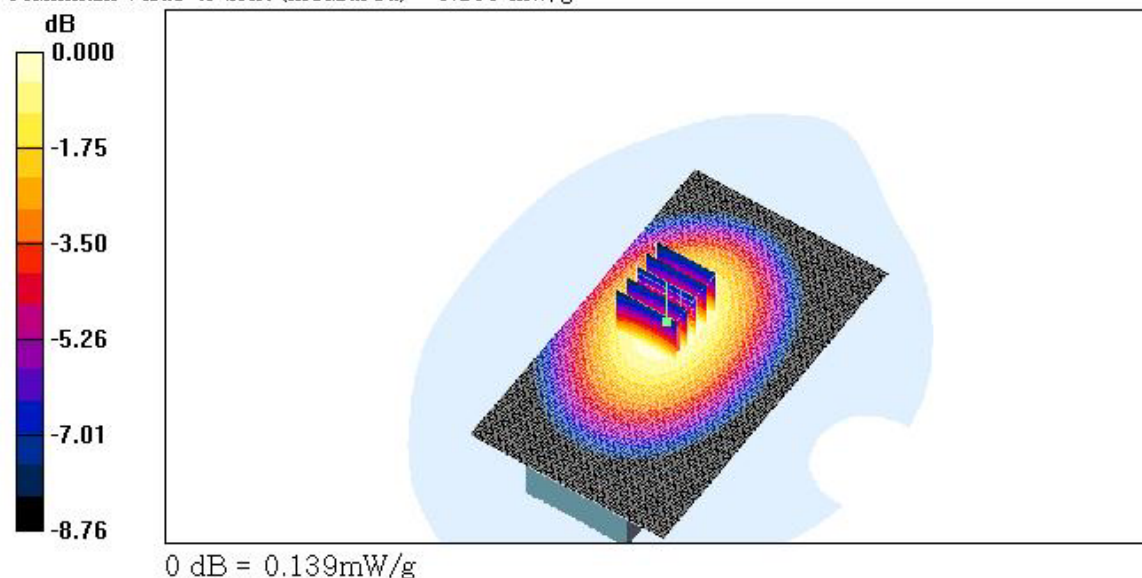
Reference Value = 11.8 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.190 W/kg

SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.095 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.139 mW/g



Test Laboratory: HCT

Channel : 1

Battery Type: Duracell

Liquid Temperature : 21.7 °C

Date Tested : February 27, 2007

DUT: GMRS1072 (Face); Type: Bar; Serial: #1

Communication System: 450MHz (FCC); Frequency: 462.563 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 462.563$ MHz; $\sigma = 0.879$ mho/m; $\epsilon_r = 44.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(7.59, 7.59, 7.59); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn466; Calibrated: 2007-01-25
- Phantom: SAM 1800/1900 MHz; Type: SAM

GMRS 450 Face 1/Area Scan (71x121x1): Measurement grid: $\Delta x = 15$ mm, $\Delta y = 15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.966 mW/g

GMRS 450 Face 1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $\Delta x = 8$ mm, $\Delta y = 8$ mm, $\Delta z = 5$ mm

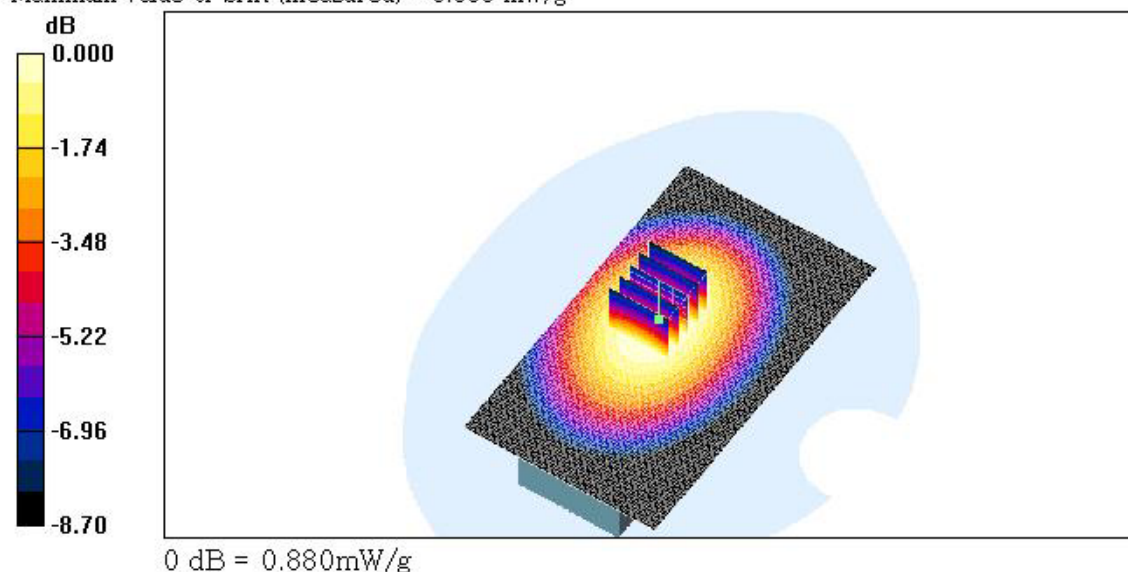
Reference Value = 32.3 V/m; Power Drift = -0.767 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.835 mW/g; SAR(10 g) = 0.598 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.880 mW/g



Test Laboratory: HCT

Channel : 1

Battery Type: Bexel

Liquid Temperature : 21.7 °C

Date Tested : February 27, 2007

DUT: GMRS1072 (Face); Type: Bar; Serial: #1

Communication System: 450MHz (FCC); Frequency: 462.563 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 462.563$ MHz; $\sigma = 0.879$ mho/m; $\epsilon_r = 44.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(7.59, 7.59, 7.59); Calibrated: 2006-08-25

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn466; Calibrated: 2007-01-25

- Phantom: SAM 1800/1900 MHz; Type: SAM

GMRS 450 Face 1/Area Scan (71x121x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.904 mW/g

GMRS 450 Face 1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

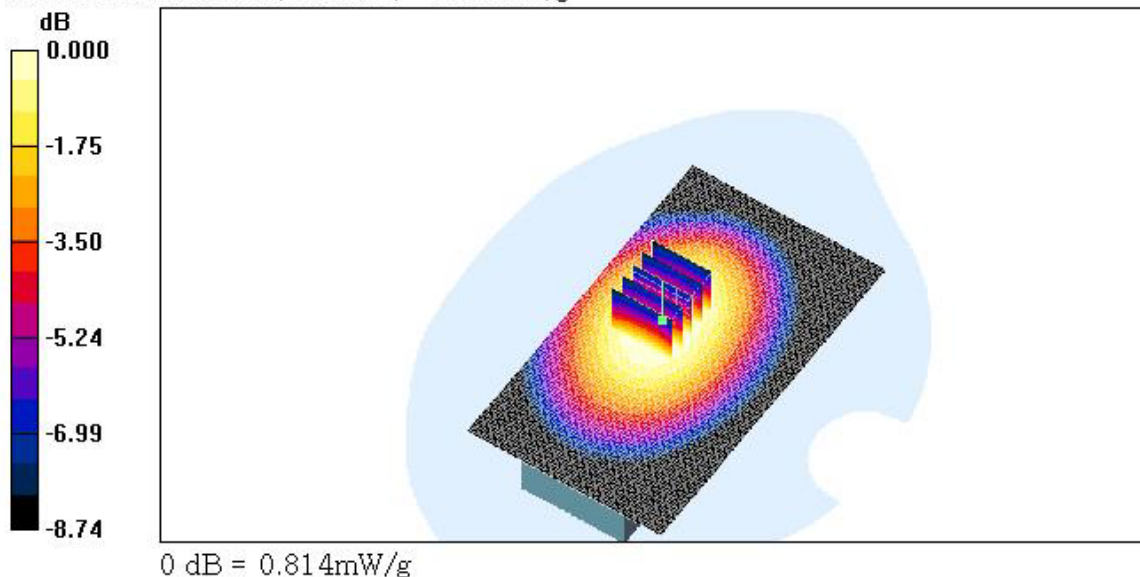
Reference Value = 31.2 V/m; Power Drift = -0.807 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.775 mW/g; SAR(10 g) = 0.555 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.814 mW/g



Test Laboratory: HCT

Channel : 1

Battery Type: Rechargeable

Liquid Temperature : 21.7 °C

Date Tested : February 27, 2007

DUT: GMRS1072 (Face); Type: Bar; Serial: #1

Communication System: 450MHz (FCC); Frequency: 462.563 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 462.563$ MHz; $\sigma = 0.879$ mho/m; $\epsilon_r = 44.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(7.59, 7.59, 7.59); Calibrated: 2006-08-25

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn466; Calibrated: 2007-01-25

- Phantom: SAM 1800/1900 MHz; Type: SAM

GMRS 450 Face 1/Area Scan (71x121x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.798 mW/g

GMRS 450 Face 1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

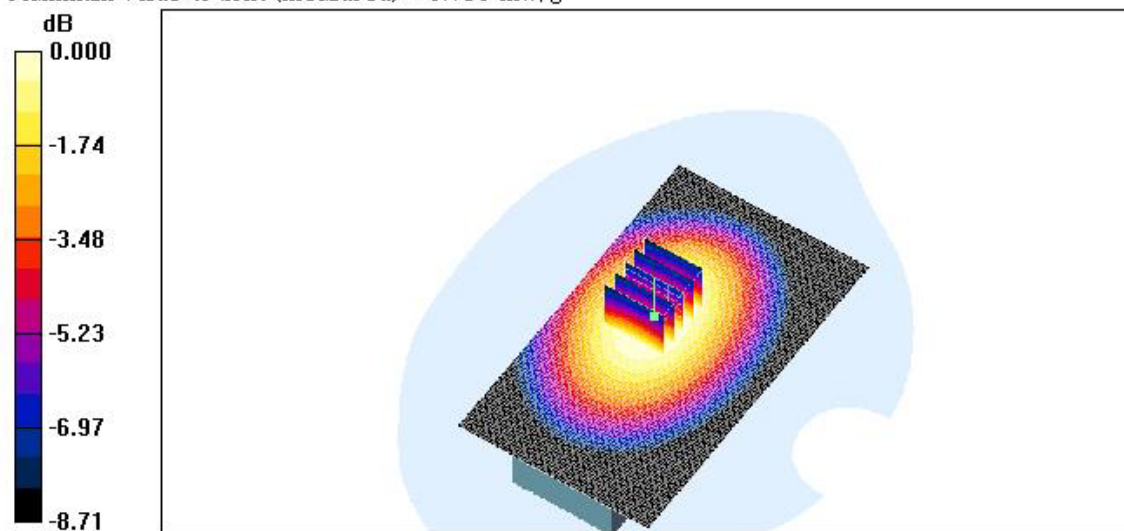
Reference Value = 29.3 V/m; Power Drift = -0.679 dB

Peak SAR (extrapolated) = 0.996 W/kg

SAR(1 g) = 0.693 mW/g; SAR(10 g) = 0.497 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

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



0 dB = 0.729mW/g

Test Laboratory: HCT

Channel : 1

Battery Type: Energizer

Liquid Temperature : 21.7 °C

Date Tested : February 27, 2007

DUT: GMRS1072 (Body); Type: Bar; Serial: #1

Communication System: 450MHz (FCC); Frequency: 462.563 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 462.563$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(7.86, 7.86, 7.86); Calibrated: 2006-08-25

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn466; Calibrated: 2007-01-25

- Phantom: SAM 1800/1900 MHz; Type: SAM

GMRS 450 Body 1/Area Scan (71x131x1): Measurement grid: $\Delta x = 15$ mm, $\Delta y = 15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 1.51 mW/g

GMRS 450 Body 1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $\Delta x = 8$ mm, $\Delta y = 8$ mm, $\Delta z = 5$ mm

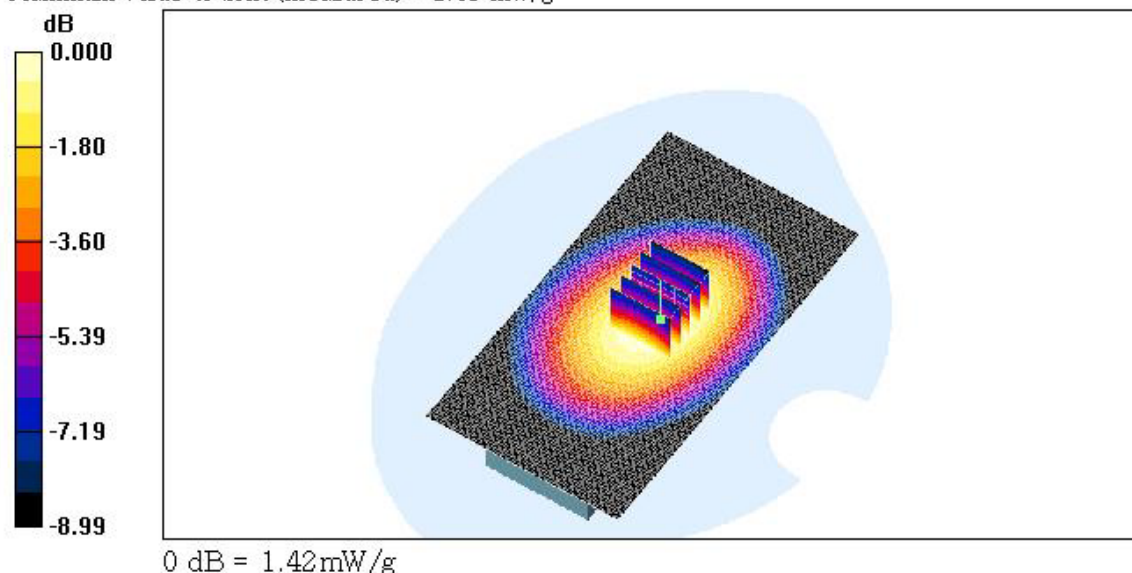
Reference Value = 41.1 V/m; Power Drift = -0.726 dB

Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.951 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.42 mW/g



Test Laboratory: HCT

Channel : 15

Battery Type: Energizer

Liquid Temperature : 21.7 °C

Date Tested : February 27, 2007

DUT: GMRS1072 (Body); Type: Bar; Serial: #1

Communication System: 450MHz (FCC); Frequency: 462.55 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 462.55 \text{ MHz}$; $\sigma = 0.973 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(7.86, 7.86, 7.86); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn466; Calibrated: 2007-01-25
- Phantom: SAM 1800/1900 MHz; Type: SAM

GMRS 450 Body 15/Area Scan (71x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 1.58 mW/g

GMRS 450 Body 15/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

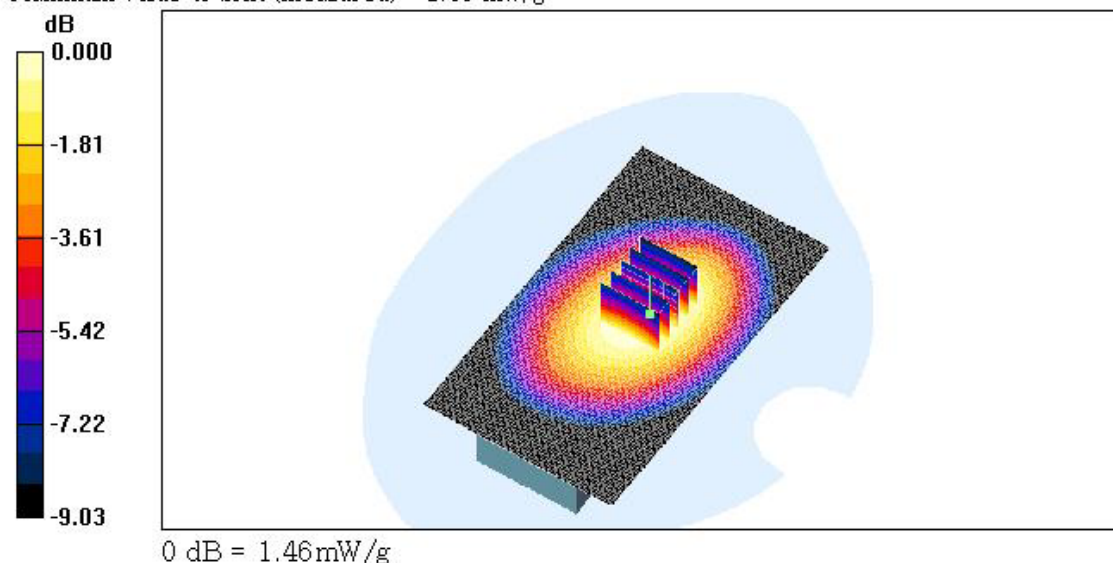
Reference Value = 41.4 V/m; Power Drift = -0.807 dB

Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 1.39 mW/g; SAR(10 g) = 0.976 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.46 mW/g



Test Laboratory: HCT

Channel : 22

Battery Type: Energizer

Liquid Temperature : 21.7 °C

Date Tested : February 27, 2007

DUT: GMRS1072 (Body); Type: Bar; Serial: #1

Communication System: 450MHz (FCC); Frequency: 462.725 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 462.725$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(7.86, 7.86, 7.86); Calibrated: 2006-08-25

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn466; Calibrated: 2007-01-25

- Phantom: SAM 1800/1900 MHz; Type: SAM

GMRS 450 Body 22/Area Scan (71x121x1): Measurement grid: $\Delta x = 15$ mm, $\Delta y = 15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 1.56 mW/g

GMRS 450 Body 22/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $\Delta x = 8$ mm, $\Delta y = 8$ mm, $\Delta z = 5$ mm

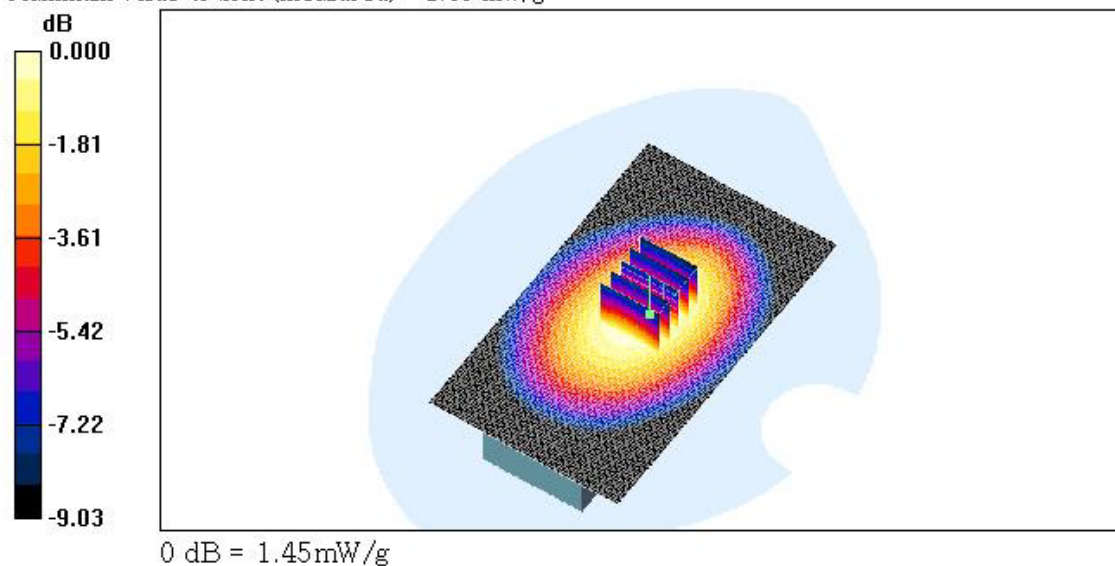
Reference Value = 41.7 V/m; Power Drift = -0.779 dB

Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.967 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.45 mW/g



Test Laboratory: HCT

Channel : 8(FRS)

Battery Type: Energizer

Liquid Temperature : 21.7 °C

Date Tested : February 27, 2007

DUT: GMRS1072 (Body); Type: Bar; Serial: #1

Communication System: 450MHz (FCC); Frequency: 467.563 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 467.563$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(7.86, 7.86, 7.86); Calibrated: 2006-08-25

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn466; Calibrated: 2007-01-25

- Phantom: SAM 1800/1900 MHz; Type: SAM

GMRS 450 Body 8/Area Scan (71x121x1): Measurement grid: $\Delta x = 15$ mm, $\Delta y = 15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.212 mW/g

GMRS 450 Body 8/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $\Delta x = 8$ mm, $\Delta y = 8$ mm, $\Delta z = 5$ mm

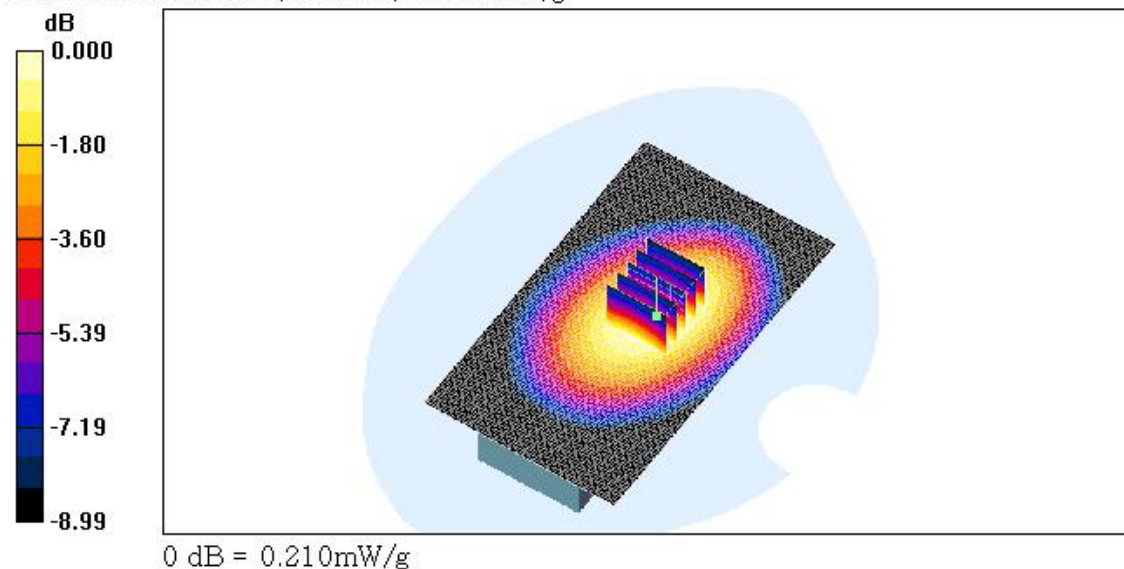
Reference Value = 14.4 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 0.302 W/kg

SAR(1 g) = 0.200 mW/g; SAR(10 g) = 0.140 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.210 mW/g



Test Laboratory: HCT

Channel : 15

Battery Type: Duracell

Liquid Temperature : 21.7 °C

Date Tested : February 27, 2007

DUT: GMRS1072 (Body); Type: Bar; Serial: #1

Communication System: 450MHz (FCC); Frequency: 462.55 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 462.55 \text{ MHz}$; $\sigma = 0.973 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(7.86, 7.86, 7.86); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn466; Calibrated: 2007-01-25
- Phantom: SAM 1800/1900 MHz; Type: SAM

GMRS 450 Body 15/Area Scan (71x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

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

GMRS 450 Body 15/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

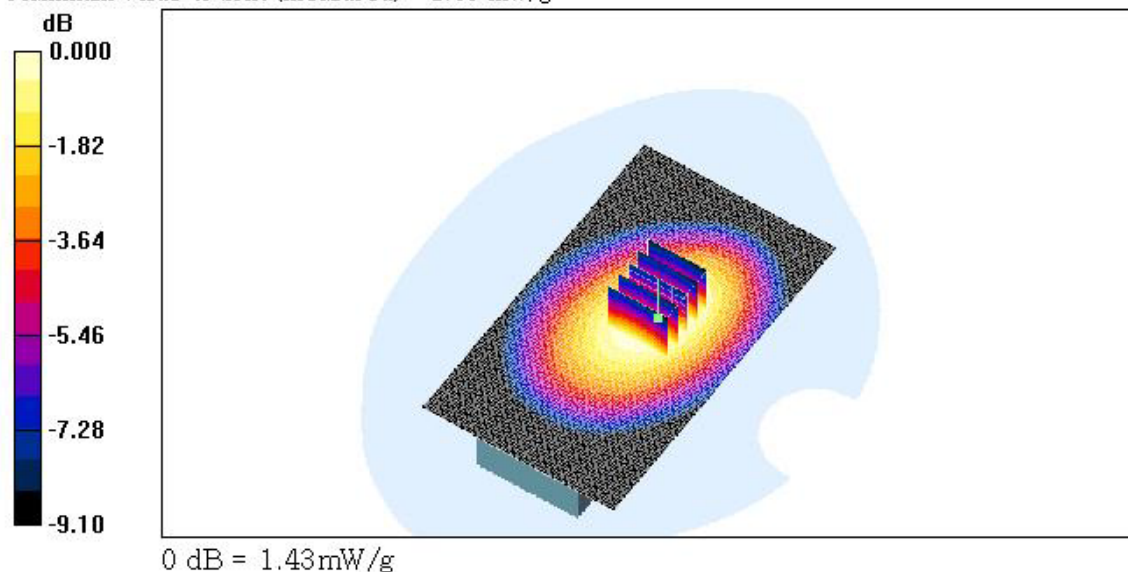
Reference Value = 40.6 V/m; Power Drift = -0.815 dB

Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.945 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

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



Test Laboratory: HCT

Channel : 15

Battery Type: Bixel

Liquid Temperature : 21.7 °C

Date Tested : February 27, 2007

DUT: GMRS1072 (Body); Type: Bar; Serial: #1

Program Name: GMRS1072

Communication System: 450MHz (FCC); Frequency: 462.55 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 462.55$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(7.86, 7.86, 7.86); Calibrated: 2006-08-25

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn466; Calibrated: 2007-01-25

- Phantom: SAM 1800/1900 MHz; Type: SAM

GMRS 450 Body 15/Area Scan (71x121x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

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

GMRS 450 Body 15/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

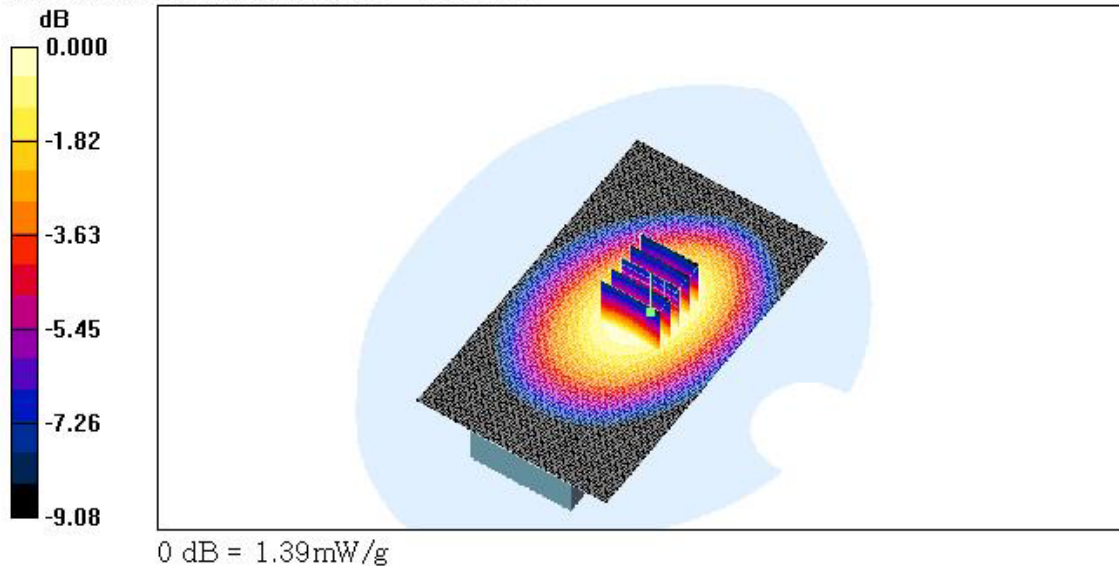
Reference Value = 39.8 V/m; Power Drift = -0.845 dB

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.921 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.39 mW/g



Test Laboratory: HCT

Channel : 15

Battery Type: Rechargeable

Liquid Temperature : 21.7 °C

Date Tested : February 27, 2007

DUT: GMRS1072 (Body); Type: Bar; Serial: #1

Communication System: 450MHz (FCC); Frequency: 462.55 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 462.55$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1798, ConvF(7.86, 7.86, 7.86); Calibrated: 2006-08-25

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn466; Calibrated: 2007-01-25

- Phantom: SAM 1800/1900 MHz; Type: SAM

GMRS 450 Body 15/Area Scan (71x121x1): Measurement grid: $\Delta x = 15$ mm, $\Delta y = 15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 1.32 mW/g

GMRS 450 Body 15/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $\Delta x = 8$ mm, $\Delta y = 8$ mm, $\Delta z = 5$ mm

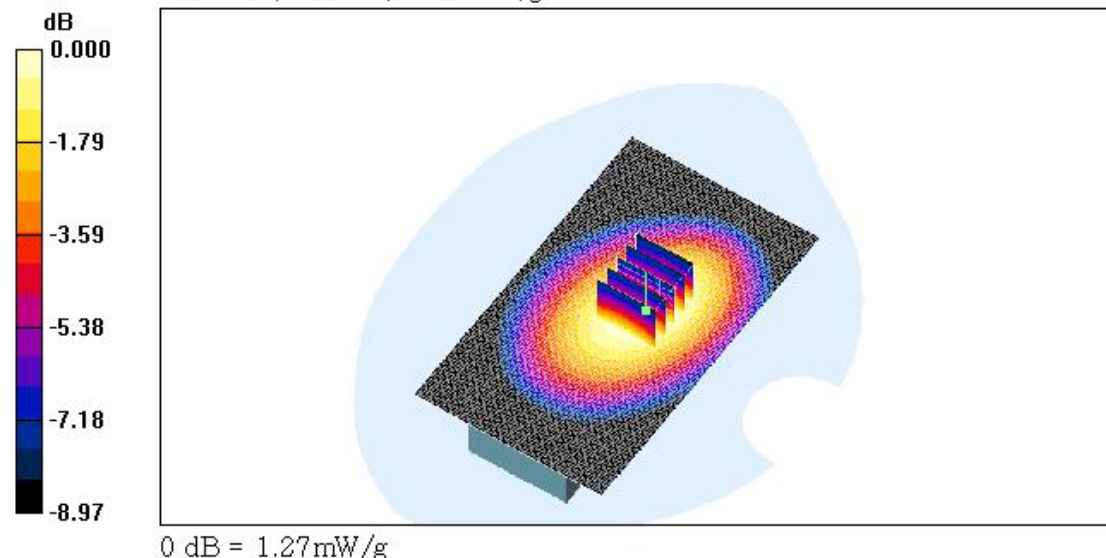
Reference Value = 37.1 V/m; Power Drift = -0.601 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.841 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.27 mW/g



Test Laboratory: HCT

Channel : 15

Battery Type: Energizer

Liquid Temperature : 21.7 °C

Date Tested : February 27, 2007

DUT: GMRS1072 (Body); Type: Bar; Serial: #1

Communication System: 450MHz (FCC); Frequency: 462.55 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 462.55 \text{ MHz}$; $\sigma = 0.973 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(7.86, 7.86, 7.86); Calibrated: 2006-08-25

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn466; Calibrated: 2007-01-25

- Phantom: SAM 1800/1900 MHz; Type: SAM

GMRS 450 Body 15/Area Scan (41x41x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 1.50 mW/g

GMRS 450 Body 15/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

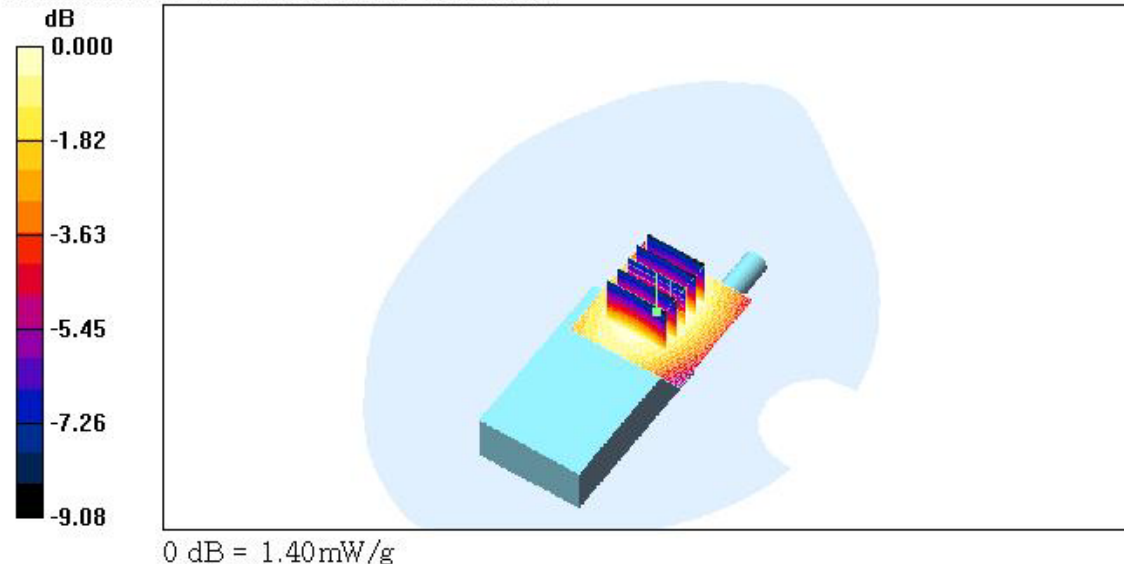
Reference Value = 39.2 V/m; Power Drift = -0.653 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.927 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.40 mW/g



Test Laboratory: HCT

Channel : 15

Battery Type: Energizer

Liquid Temperature : 21.7 °C

Date Tested : February 27, 2007

DUT: GMRS1072 (Body); Type: Bar; Serial: #1

Communication System: 450MHz (FCC); Frequency: 462.55 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 462.55$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(7.86, 7.86, 7.86); Calibrated: 2006-08-25
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn466; Calibrated: 2007-01-25
- Phantom: SAM 1800/1900 MHz; Type: SAM

GMRS 450 Body 15/Z Scan (1x1x31): Measurement grid: $\Delta x = 20$ mm, $\Delta y = 20$ mm, $\Delta z = 5$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.40 mW/g

