



APPENDIX A – SAR TEST PLOTS

Test Laboratory: HCT

Channel : 1

Battery Type: Bixel

Liquid Temperature : 21.7 °C

Date Tested : January 23, 2007

DUT: GXT850 (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; $\sigma = 0.867$ mho/m; $\epsilon_r = 45.3$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(6.82, 6.82, 6.82); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

GMRS 450 Face 1/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

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

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

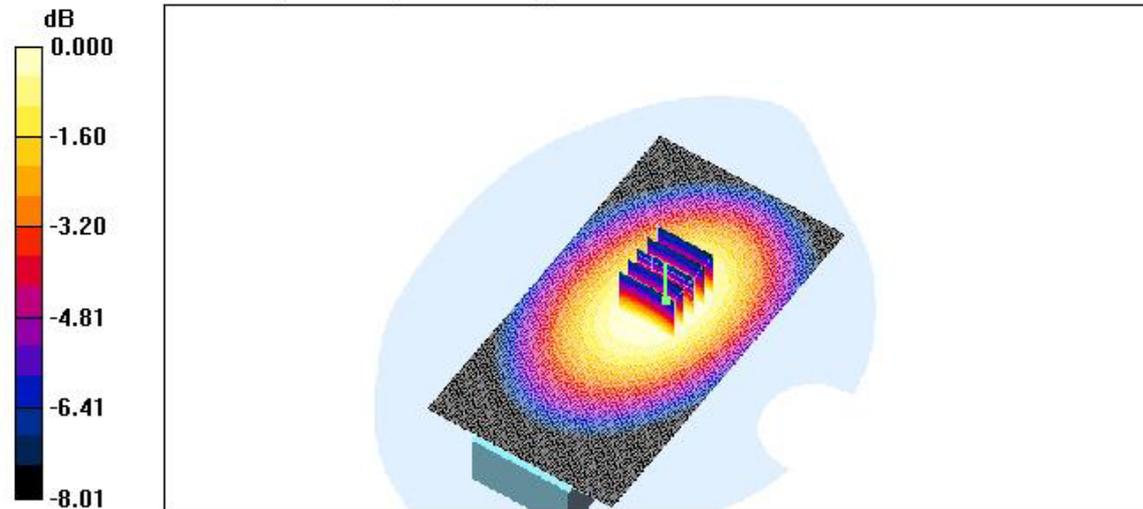
Reference Value = 40.3 V/m; Power Drift = -0.956 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.820 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.16 mW/g



0 dB = 1.16mW/g

Test Laboratory: HCT

Channel : 1
Battery Type: Bixel
Liquid Temperature : 21.7 °C
Date Tested : January 23, 2007

DUT: GXT850 (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; $\sigma = 0.867$ mho/m; $\epsilon_r = 45.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(6.82, 6.82, 6.82); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

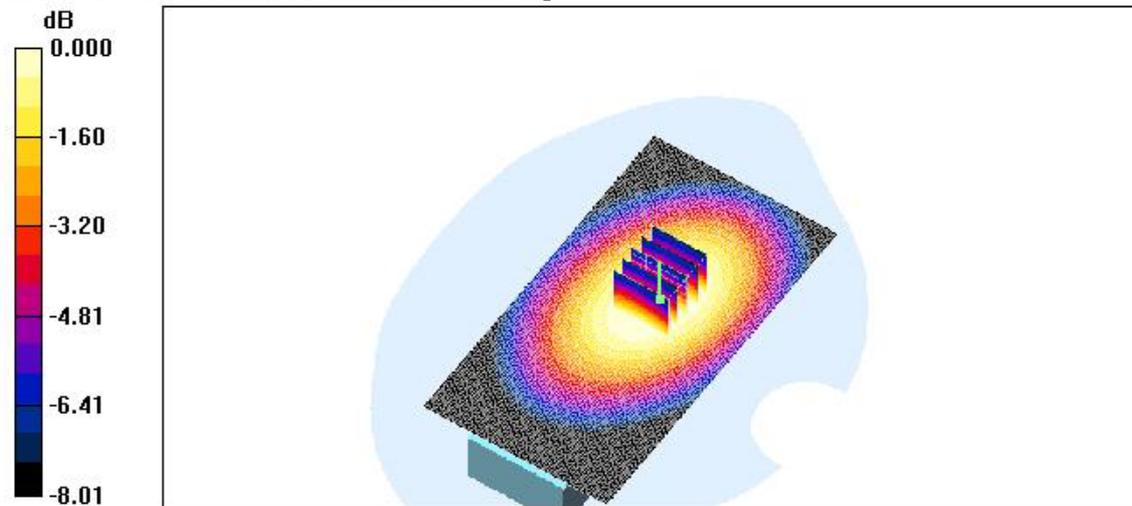
GMRS 450 Face 15/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.20 mW/g

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

Reference Value = 38.3 V/m; Power Drift = -0.853 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.769 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.08 mW/g



0 dB = 1.08mW/g

Test Laboratory: HCT

Channel : 22
Battery Type: Bixel
Liquid Temperature : 21.7 °C
Date Tested : January 23, 2007

DUT: GXT850 (Face); Type: Bar; Serial: #1

Communication System: 450MHz (FCC); Frequency: 462.725 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 462.725$ MHz; $\sigma = 0.867$ mho/m; $\epsilon_r = 45.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(6.82, 6.82, 6.82); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

GMRS 450 Face 22/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) = 1.26 mW/g

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

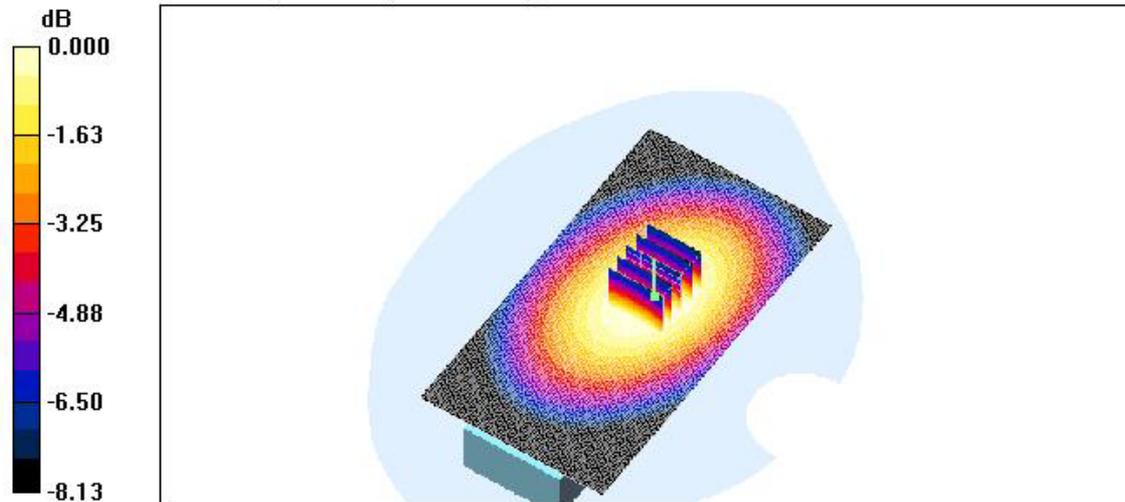
Reference Value = 39.8 V/m; Power Drift = -0.839 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.811 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.15 mW/g



0 dB = 1.15mW/g

Test Laboratory: HCT

Channel : 8(FRS)
Battery Type: Bixel
Liquid Temperature : 21.7 °C
Date Tested : January 23, 2007

DUT: GXT850 (Face); Type: Bar; Serial: #1

Communication System: 450MHz (FCC); Frequency: 467.563 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 467.563$ MHz; $\sigma = 0.875$ mho/m; $\epsilon_r = 45.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(6.82, 6.82, 6.82); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

FRS 450 Face 8/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) = 0.142 mW/g

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

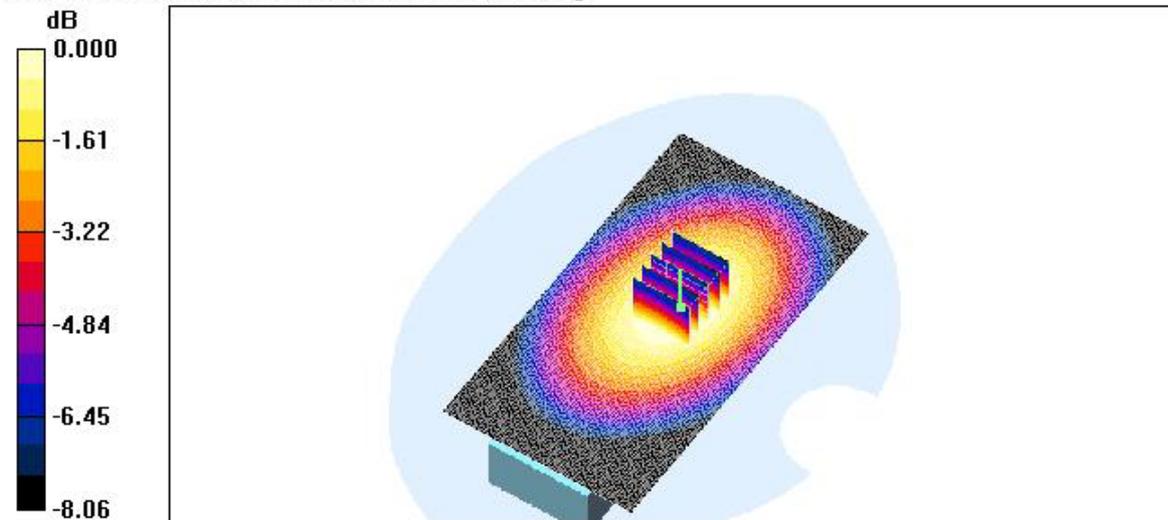
Reference Value = 13.0 V/m; Power Drift = -0.389 dB

Peak SAR (extrapolated) = 0.164 W/kg

SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.094 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

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



0 dB = 0.134mW/g

Test Laboratory: HCT

Channel : 1
Battery Type: Energizer
Liquid Temperature : 21.7 °C
Date Tested : January 23, 2007

DUT: GXT850 (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; $\sigma = 0.867$ mho/m; $\epsilon_r = 45.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(6.82, 6.82, 6.82); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

GMRS 450 Face 1/Area Scan (71x131x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.24 mW/g

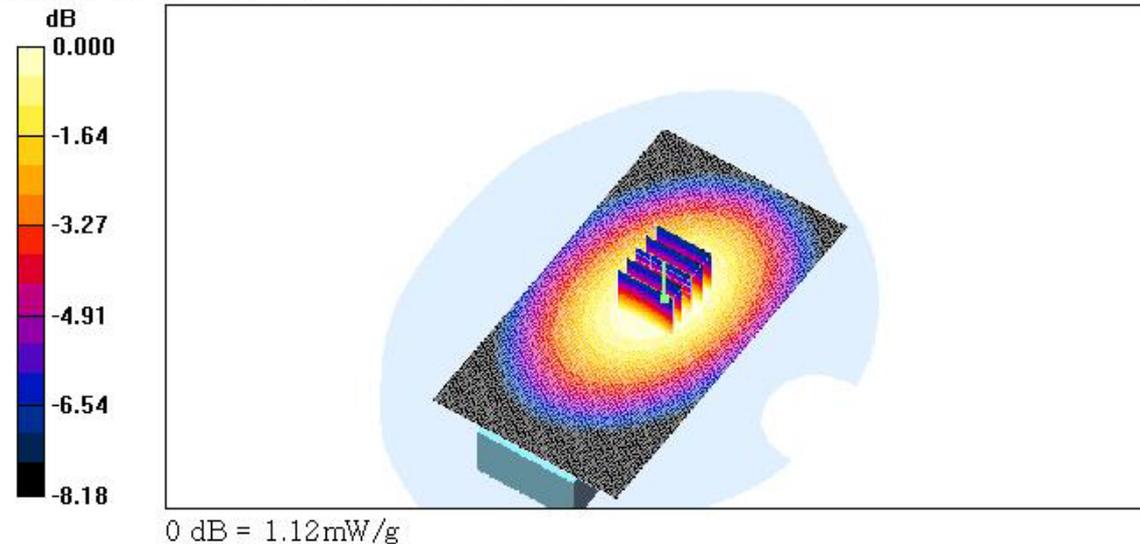
GMRS 450 Face 1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 40.0 V/m; Power Drift = -0.957 dB
Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.787 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.12 mW/g



Test Laboratory: HCT

Channel : 1
Battery Type: Rocket
Liquid Temperature : 21.7 °C
Date Tested : January 23, 2007

DUT: GXT850 (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; $\sigma = 0.867$ mho/m; $\epsilon_r = 45.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(6.82, 6.82, 6.82); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

GMRS 450 Face 1/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm

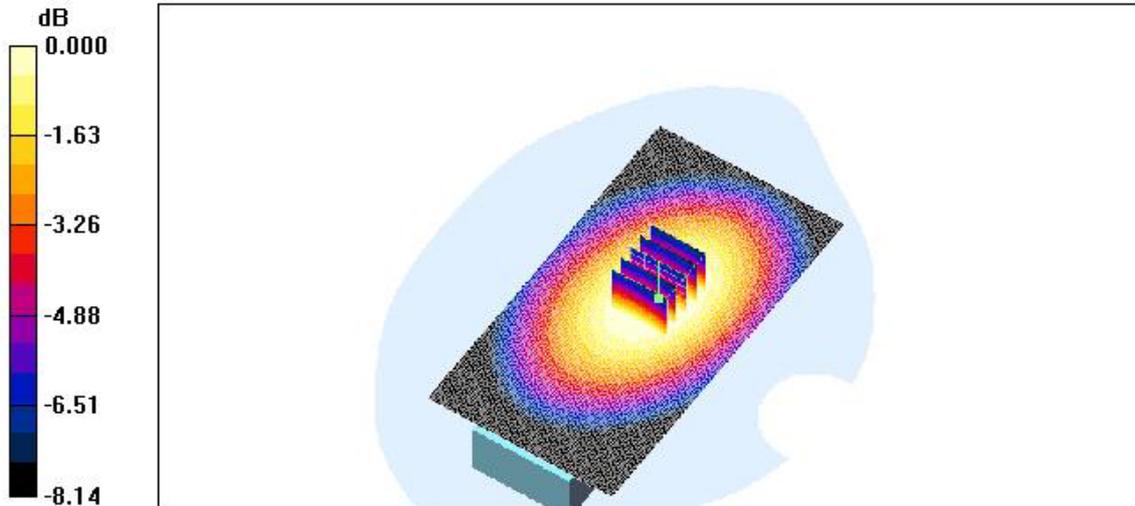
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.07 mW/g

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

Reference Value = 37.3 V/m; Power Drift = -0.943 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.911 mW/g; SAR(10 g) = 0.676 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.957 mW/g



0 dB = 0.957mW/g

Test Laboratory: HCT

Channel : 1
Battery Type: Charger
Liquid Temperature : 21.7 °C
Date Tested : January 23, 2007

DUT: GXT850 (Face); Type: Bar; Serial: #1

Communication System: 450MHz (FCC); Frequency: 462.563 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 462.563 \text{ MHz}$; $\sigma = 0.867 \text{ mho/m}$; $\epsilon_r = 45.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(6.82, 6.82, 6.82); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

GMRS 450 Face 1/Area Scan (71x131x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.72 mW/g

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

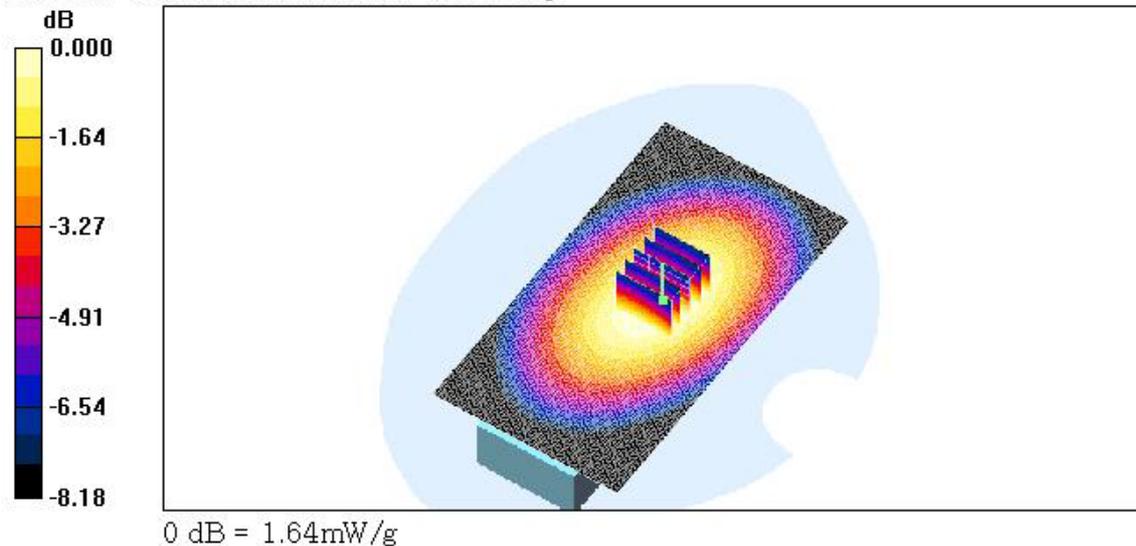
Reference Value = 46.2 V/m; Power Drift = -0.314 dB

Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 1.56 mW/g; SAR(10 g) = 1.16 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.64 mW/g



Test Laboratory: HCT

Channel : 1
Battery Type: Bixel
Liquid Temperature : 21.7 °C
Date Tested : January 23, 2007

DUT: GXT850 (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; $\sigma = 0.968$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(7.32, 7.32, 7.32); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

GMRS 450 BODY 1/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 1.88 mW/g

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

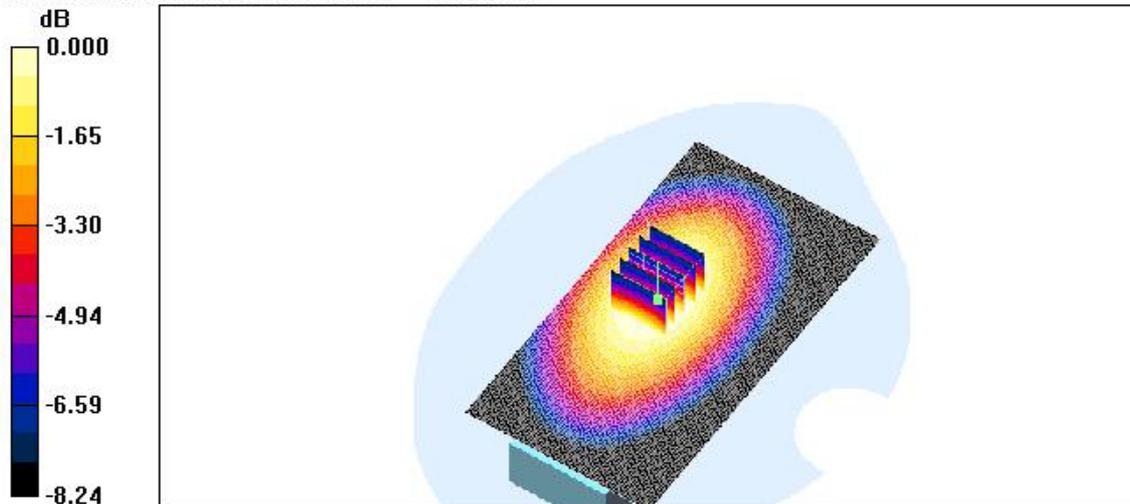
Reference Value = 42.9 V/m; Power Drift = -0.937 dB

Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 1.57 mW/g; SAR(10 g) = 1.15 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.66 mW/g



0 dB = 1.66mW/g

Test Laboratory: HCT

Channel : 15

Battery Type: Bixel

Liquid Temperature : 21.7 °C

Date Tested : January 23, 2007

DUT: GXT850 (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; $\sigma = 0.968$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(7.32, 7.32, 7.32); Calibrated: 2006-03-23

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

- Electronics: DAE3 Sn446; Calibrated: 2006-11-15

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

GMRS 450 BODY 15/Area Scan (71x131x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 1.92 mW/g

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

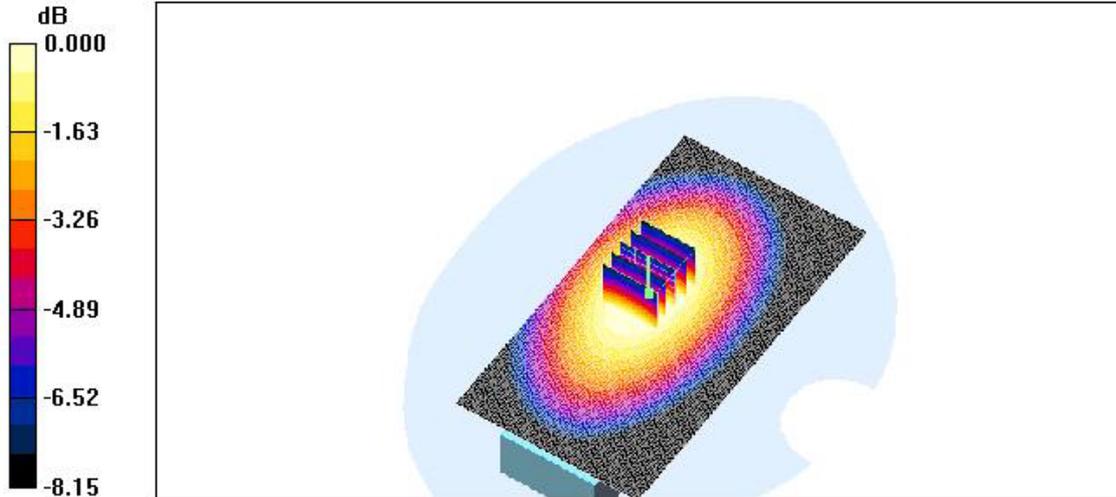
Reference Value = 44.4 V/m; Power Drift = -0.925 dB

Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 1.6 mW/g; SAR(10 g) = 1.18 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.69 mW/g



Test Laboratory: HCT

Channel : 22

Battery Type: Bixel

Liquid Temperature : 21.7 °C

Date Tested : January 23, 2007

DUT: GXT850 (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; $\sigma = 0.968$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(7.32, 7.32, 7.32); Calibrated: 2006-03-23

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

- Electronics: DAE3 Sn446; Calibrated: 2006-11-15

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

GMRS 450 BODY 22/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) = 1.81 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

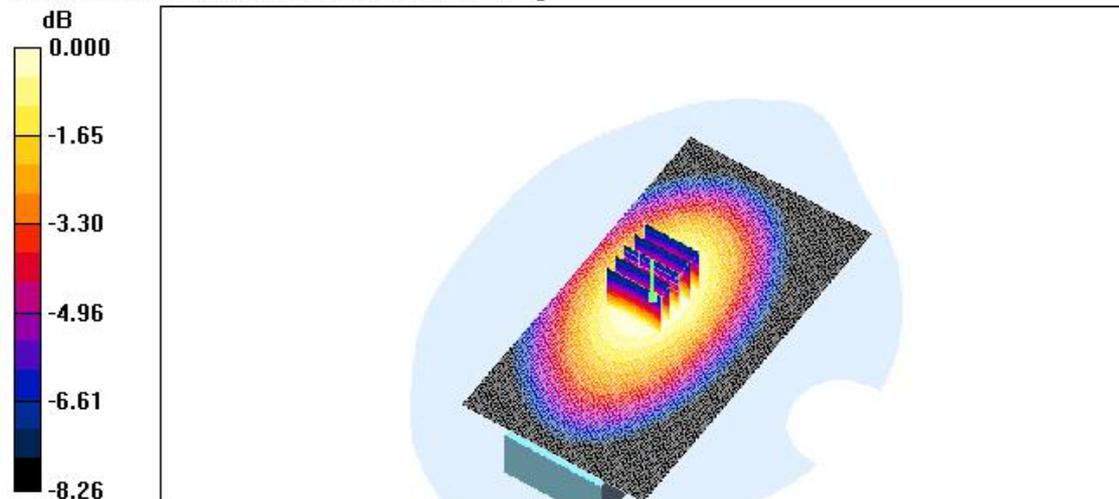
Reference Value = 43.2 V/m; Power Drift = -0.796 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 1.53 mW/g; SAR(10 g) = 1.11 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.60 mW/g



0 dB = 1.60 mW/g

Test Laboratory: HCT

Channel : 8(FRS)
Battery Type: Bixel
Liquid Temperature : 21.7 °C
Date Tested : January 23, 2007

DUT: GXT850 (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; $\sigma = 0.969$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(7.32, 7.32, 7.32); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

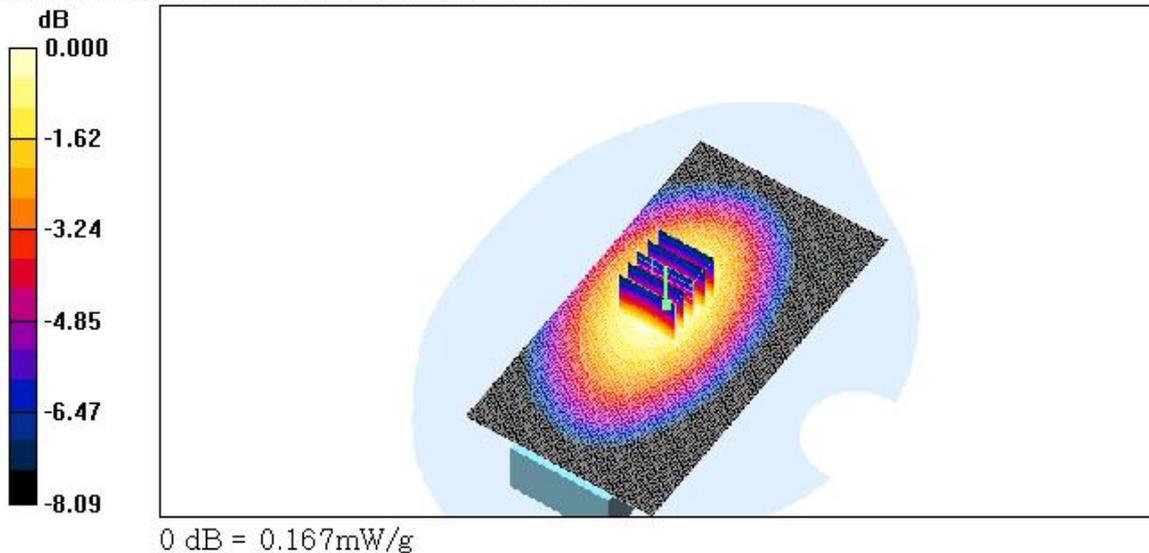
FRS 450 BODY 8/Area Scan (71x131x1): Measurement grid: $\Delta x = 15$ mm, $\Delta y = 15$ mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.171 mW/g

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

Reference Value = 14.1 V/m; Power Drift = -0.993 dB
Peak SAR (extrapolated) = 0.205 W/kg
SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.116 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.167 mW/g



Test Laboratory: HCT

Channel : 15

Battery Type: Energizer

Liquid Temperature : 21.7 °C

Date Tested : January 23, 2007

DUT: GXT850 (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; $\sigma = 0.968$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(7.32, 7.32, 7.32); Calibrated: 2006-03-23

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

- Electronics: DAE3 Sn446; Calibrated: 2006-11-15

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

GMRS 450 BODY 15/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) = 1.87 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

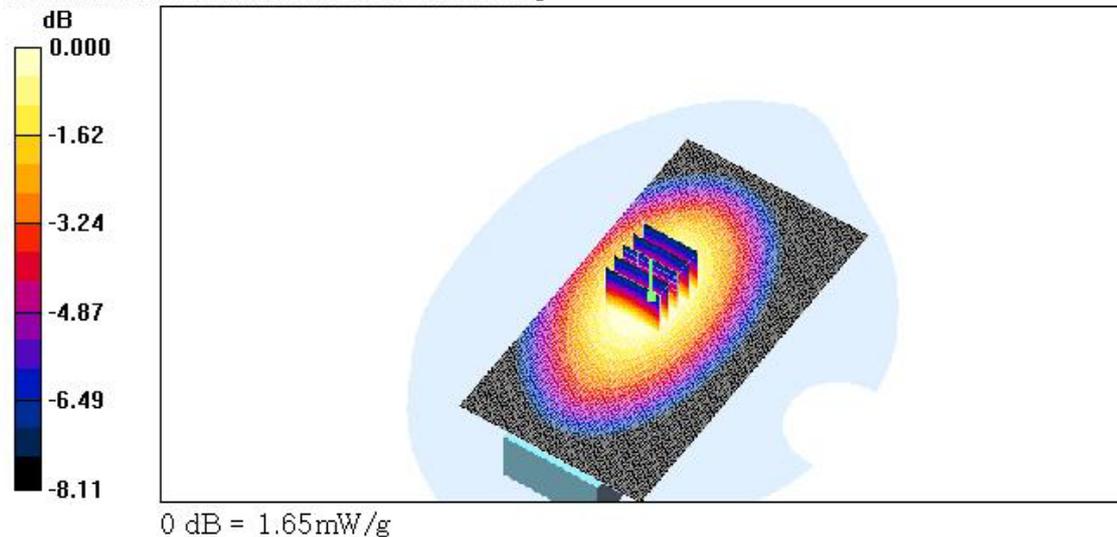
Reference Value = 43.2 V/m; Power Drift = -0.977 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 1.56 mW/g; SAR(10 g) = 1.14 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.65 mW/g



Test Laboratory: HCT

Channel : 15
Battery Type: Rocket
Liquid Temperature : 21.7 °C
Date Tested : January 23, 2007

DUT: GXT850 (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; $\sigma = 0.968$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(7.32, 7.32, 7.32); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

GMRS 450 BODY 15/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.75 mW/g

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

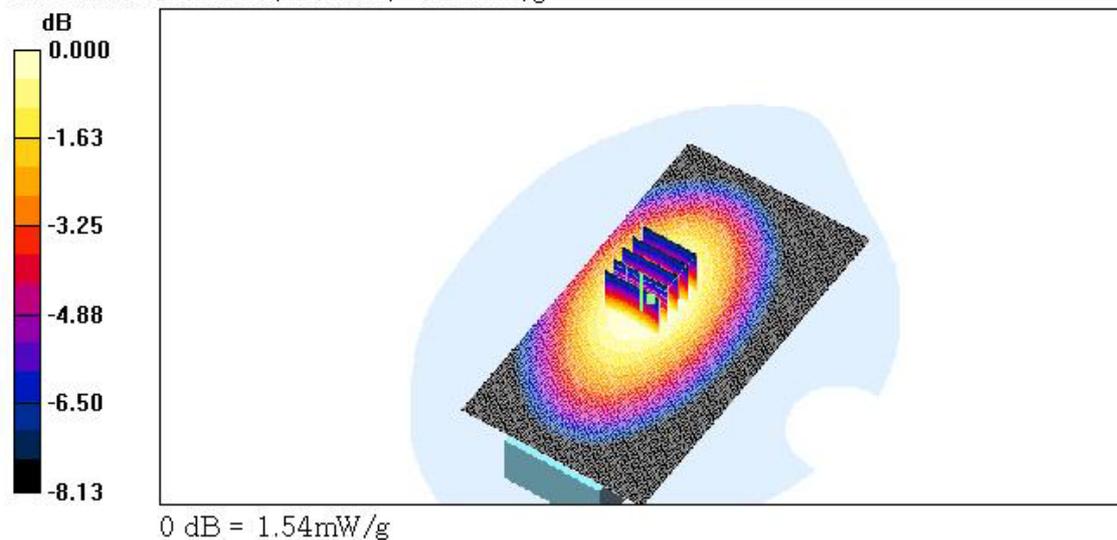
Reference Value = 41.9 V/m; Power Drift = -0.961 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 1.46 mW/g; SAR(10 g) = 1.07 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.54 mW/g



Test Laboratory: HCT

Channel : 15
Battery Type: Charger
Liquid Temperature : 21.7 °C
Date Tested : January 23, 2007

DUT: GXT850 (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; $\sigma = 0.968$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(7.32, 7.32, 7.32); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

GMRS 450 BODY 15/Area Scan (71x131x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.75 mW/g

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

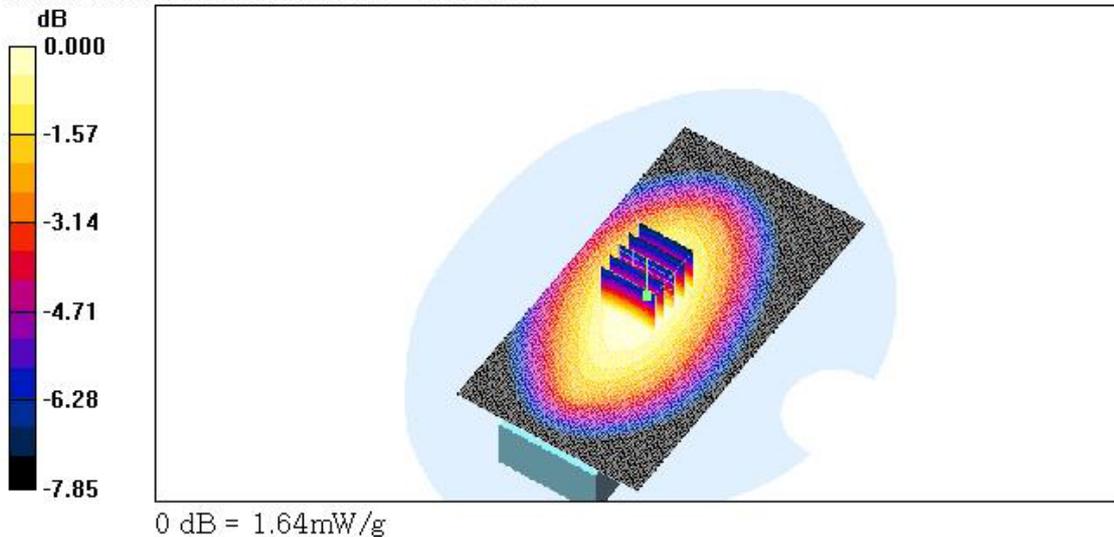
Reference Value = 44.0 V/m; Power Drift = -0.497 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 1.55 mW/g; SAR(10 g) = 1.16 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.64 mW/g



Test Laboratory: HCT

Channel : 15
Battery Type: Bexel
Liquid Temperature : 21.7 °C
Date Tested : January 23, 2007

DUT: GXT850 (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; $\sigma = 0.968$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(7.32, 7.32, 7.32); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

GMRS 450 BODY 15/Area Scan (41x41x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.94 mW/g

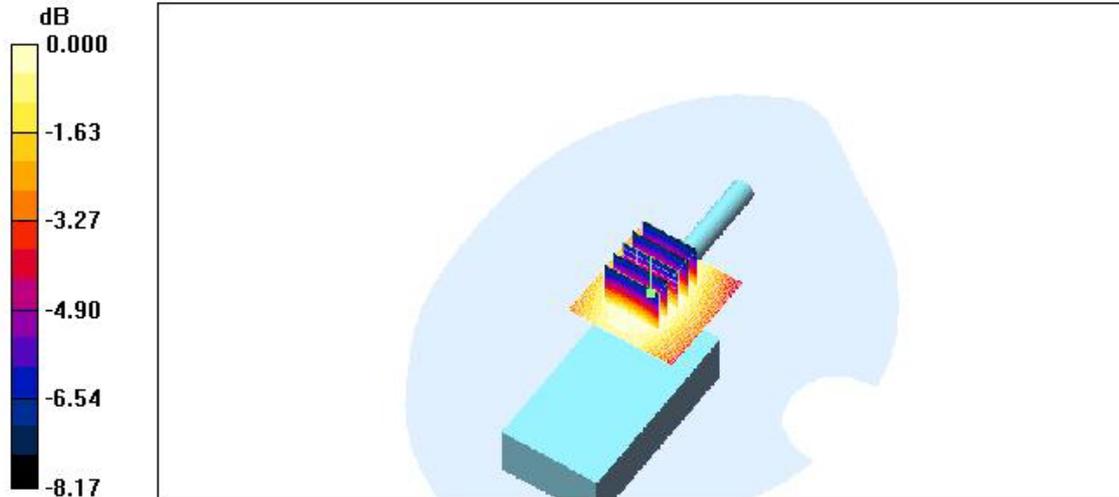
GMRS 450 BODY 15/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 43.8 V/m; Power Drift = -0.687 dB
Peak SAR (extrapolated) = 2.18 W/kg

SAR(1 g) = 1.69 mW/g; SAR(10 g) = 1.23 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.77 mW/g



0 dB = 1.77 mW/g

Test Laboratory: HCT

Channel : 15
Battery Type: Bexel
Liquid Temperature : 21.7 °C
Date Tested : January 23, 2007

DUT: GXT850 (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; $\sigma = 0.968$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(7.32, 7.32, 7.32); Calibrated: 2006-03-23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

GMRS 450 BODY 15/Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.64 mW/g

