



APPENDIX A – SAR TEST PLOTS

Test Laboratory: HCT

Channel : 1
Battery Type: Energizer
Liquid Temperature : 22.6 °C
Date Tested : May 15, 2007

DUT: XT511

Communication System: 450MHz (FCC); Frequency: 462.563 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 462.563$ MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 45.5$; $\rho = 1000$

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 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 835/900 MHz; Type: SAM

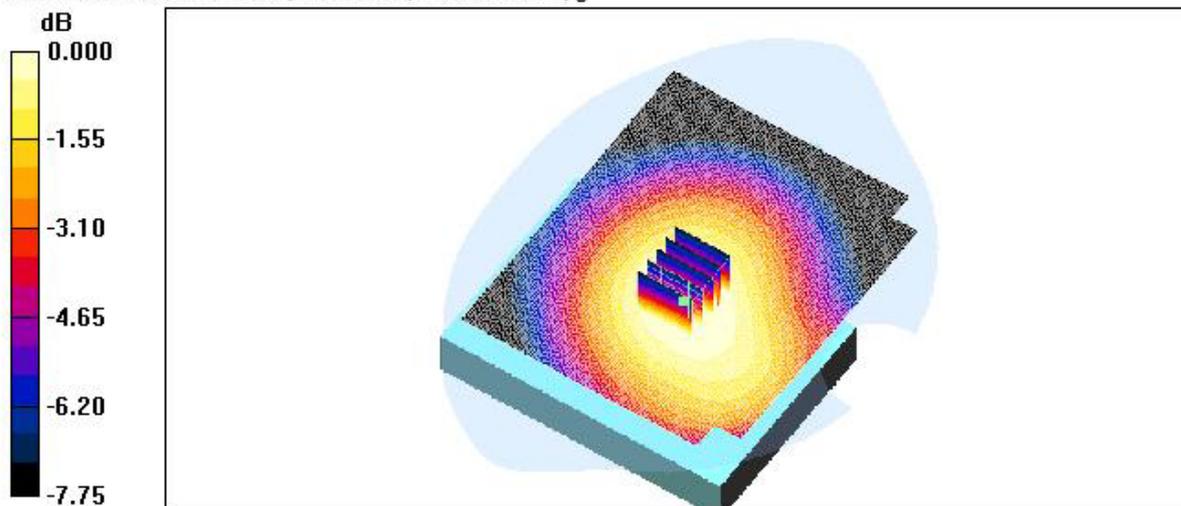
GMRS 450 face 1/Area Scan (101x121x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.190 mW/g

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

Reference Value = 15.7 V/m; Power Drift = -1.16 dB
Peak SAR (extrapolated) = 0.239 W/kg
SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.130 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.183 mW/g



0 dB = 0.183mW/g

Test Laboratory: HCT

Channel : 15
Battery Type: Energizer
Liquid Temperature : 22.6 °C
Date Tested : May 15, 2007

DUT: XT511

Communication System: 450MHz (FCC); Frequency: 462.55 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 462.55$ MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 45.5$; $\rho = 1000$

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 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 835/900 MHz; Type: SAM

GMRS 450 face 15/Area Scan (101x121x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.207 mW/g

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

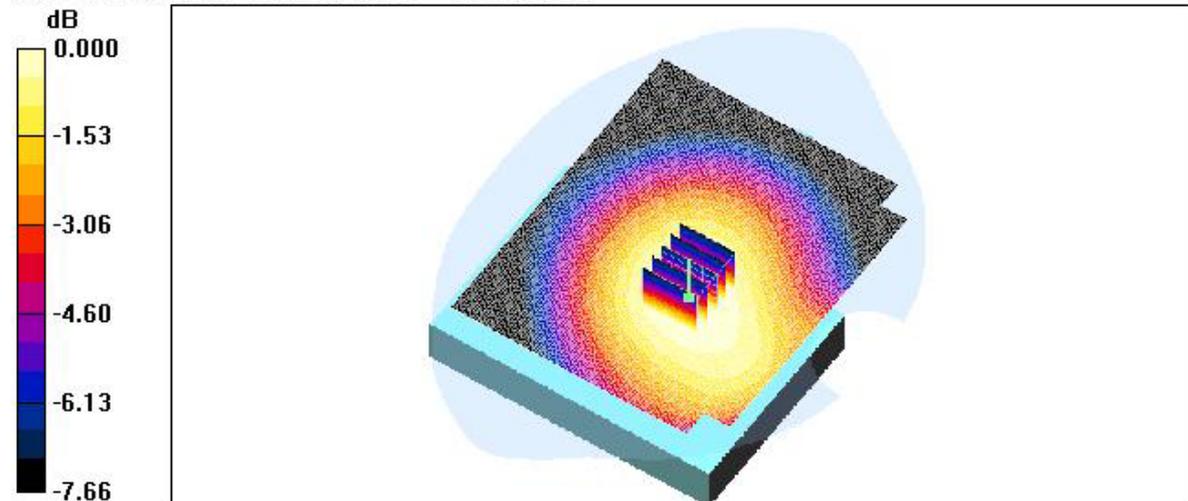
Reference Value = 16.3 V/m; Power Drift = -1.15 dB

Peak SAR (extrapolated) = 0.259 W/kg

SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.141 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.199 mW/g



Test Laboratory: HCT

Channel : 22
Battery Type: Energizer
Liquid Temperature : 22.6°C
Date Tested : May 15, 2007

DUT: XT511

Communication System: 450MHz (FCC); Frequency: 462.725 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 462.725$ MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 45.5$; $\rho = 1000$ 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 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 835/900 MHz; Type: SAM

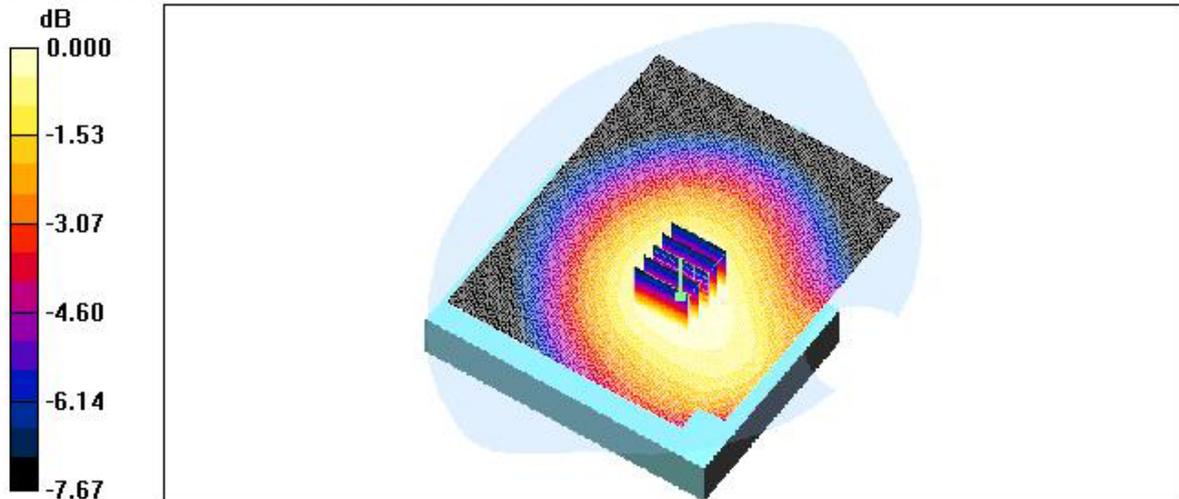
GMRS 450 face 22/Area Scan (101x121x1): Measurement grid: $\Delta x = 15$ mm, $\Delta y = 15$ mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.203 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 = 15.9 V/m; Power Drift = -1.09 dB
Peak SAR (extrapolated) = 0.256 W/kg
SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.140 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.195 mW/g



0 dB = 0.195mW/g

Test Laboratory: HCT

Channel : 8(FRS)
Battery Type: Energizer
Liquid Temperature : 22.6°C
Date Tested : May 15, 2007

DUT: XT511

Communication System: 450MHz (FCC); Frequency: 467.563 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 467.563$ MHz; $\sigma = 0.878$ mho/m; $\epsilon_r = 45.5$; $\rho = 1000$ 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 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 835/900 MHz; Type: SAM

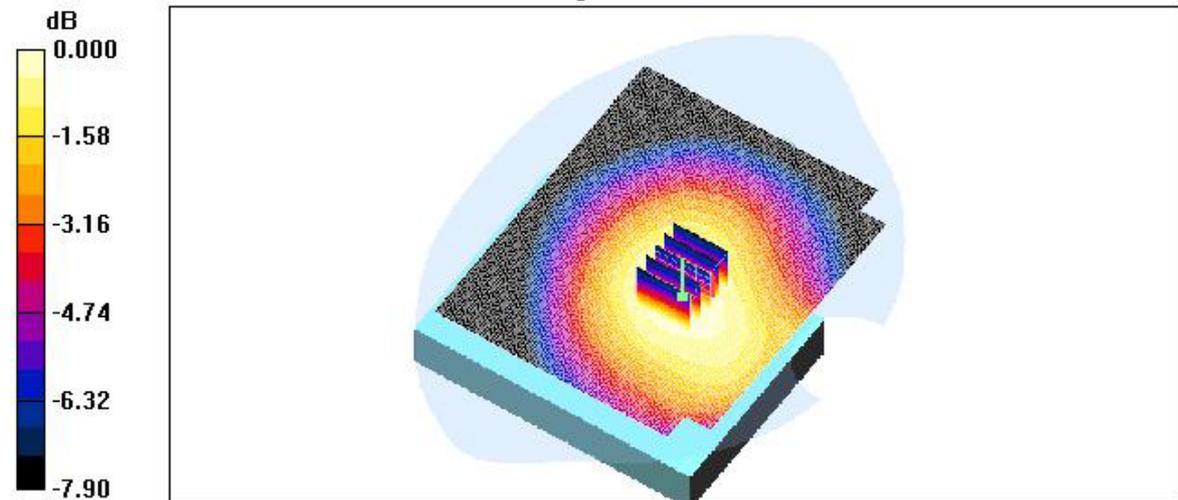
GMRS 450 face 8/Area Scan (101x121x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.018 mW/g

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

Reference Value = 4.41 V/m; Power Drift = -0.150 dB
Peak SAR (extrapolated) = 0.024 W/kg
SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.013 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.018 mW/g



0 dB = 0.018mW/g

Test Laboratory: HCT

Channel : 15
Battery Type: Rocket
Liquid Temperature : 22.6°C
Date Tested : May 15, 2007

DUT: XT511

Communication System: 450MHz (FCC); Frequency: 462.55 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 462.55$ MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 45.5$; $\rho = 1000$ 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 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 835/900 MHz; Type: SAM

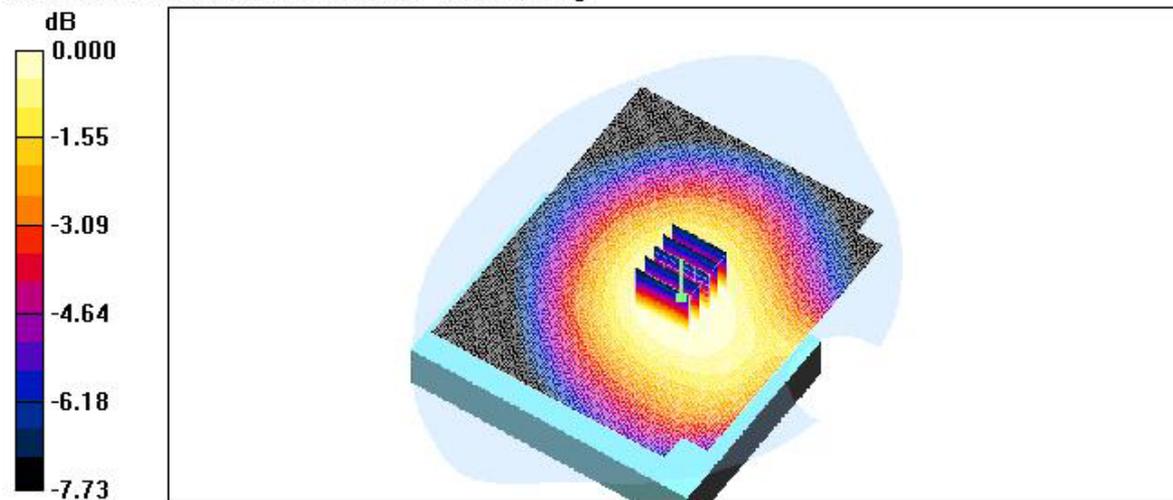
GMRS 450 face 15/Area Scan (101x121x1): Measurement grid: $\Delta x = 15$ mm, $\Delta y = 15$ mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.200 mW/g

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

Reference Value = 16.8 V/m; Power Drift = -1.15 dB
Peak SAR (extrapolated) = 0.245 W/kg
SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.133 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.188 mW/g



0 dB = 0.188mW/g

Test Laboratory: HCT

Channel : 15
Battery Type: Bixel
Liquid Temperature : 22.6°C
Date Tested : May 15, 2007

DUT: XT511

Communication System: 450MHz (FCC); Frequency: 462.55 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 462.55$ MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 45.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

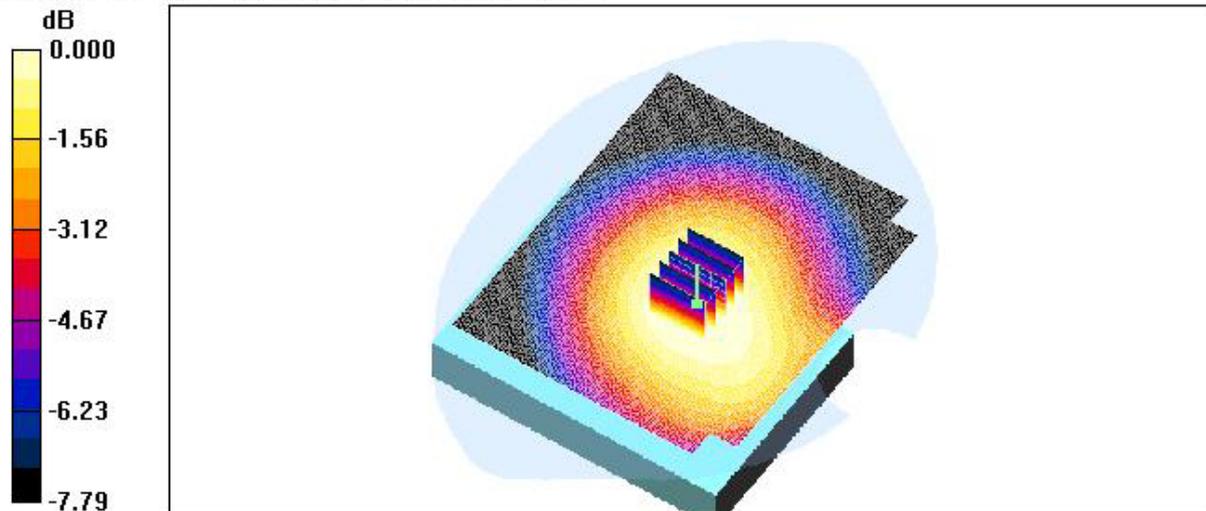
- Probe: ET3DV6 - SN1798; ConvF(7.59, 7.59, 7.59); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 835/900 MHz; Type: SAM

GMRS 450 face 15/Area Scan (101x121x1): Measurement grid: dx=15mm, dy=15mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)
Maximum value of SAR (interpolated) = 0.193 mW/g

GMRS 450 face 15/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.0 V/m; Power Drift = -1.15 dB
Peak SAR (extrapolated) = 0.238 W/kg
SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.127 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)
Maximum value of SAR (measured) = 0.181 mW/g



0 dB = 0.181mW/g

Test Laboratory: HCT

Channel : 15
Battery Type: Rechargeable
Liquid Temperature : 22.6°C
Date Tested : May 15, 2007

DUT: XT511

Communication System: 450MHz (FCC); Frequency: 462.55 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 462.55$ MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 45.5$; $\rho = 1000$

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 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 835/900 MHz; Type: SAM

GMRS 450 face 15/Area Scan (41x41x1): Measurement grid: $\Delta x = 15$ mm, $\Delta y = 15$ mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.245 mW/g

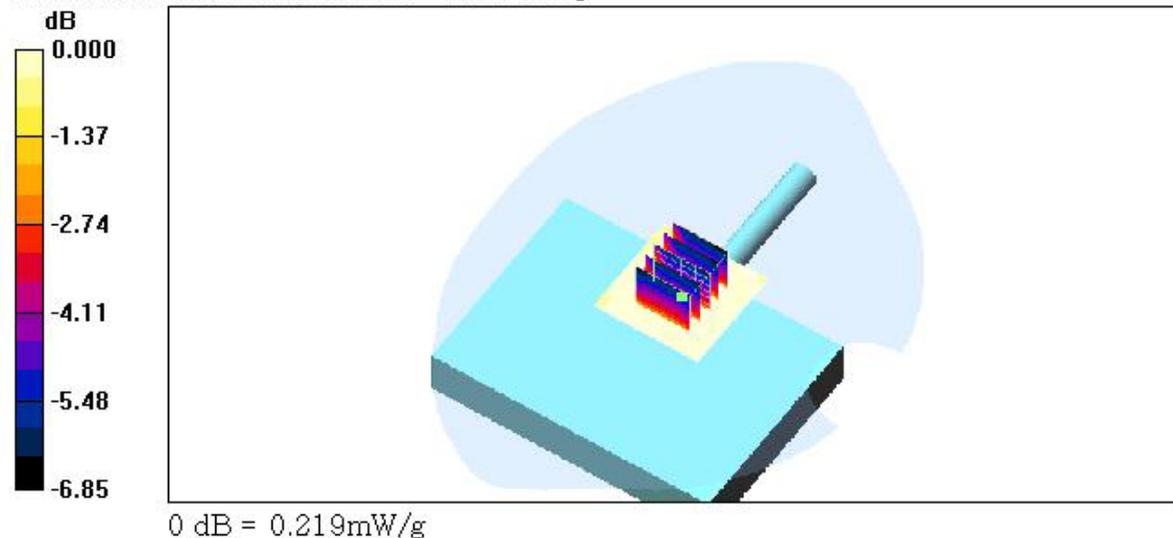
GMRS 450 face 15/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $\Delta x = 8$ mm,
 $\Delta y = 8$ mm, $\Delta z = 5$ mm

Reference Value = 17.2 V/m; Power Drift = -0.781 dB

Peak SAR (extrapolated) = 0.278 W/kg

SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.119 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.219 mW/g



Test Laboratory: HCT

Channel : 1

Battery Type: Energizer

Liquid Temperature : 22.6 °C

Date Tested : May 15, 2007

DUT: XT511

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

Medium parameters used (interpolated): $f = 462.563$ MHz; $\sigma = 0.971$ mho/m; $\epsilon_r = 56.8$; $\rho = 1000$

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 Sn446; Calibrated: 2006-11-15

- Phantom: SAM 835/900 MHz; Type: SAM

GMRS 450 body 1/Area Scan (101x121x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.372 mW/g

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

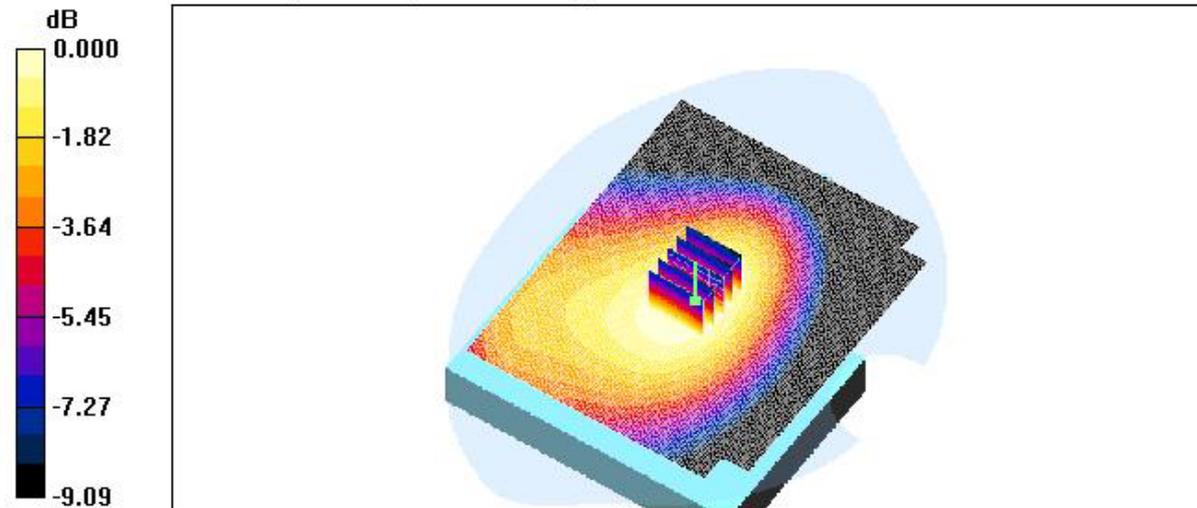
Reference Value = 21.2 V/m; Power Drift = -0.957 dB

Peak SAR (extrapolated) = 0.494 W/kg

SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.239 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.352 mW/g



0 dB = 0.352mW/g

Test Laboratory: HCT

Channel : 15
Battery Type: Energizer
Liquid Temperature : 22.6 °C
Date Tested : May 15, 2007

DUT: XT511

Communication System: 450MHz (FCC); Frequency: 462.55 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 462.55$ MHz; $\sigma = 0.971$ mho/m; $\epsilon_r = 56.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

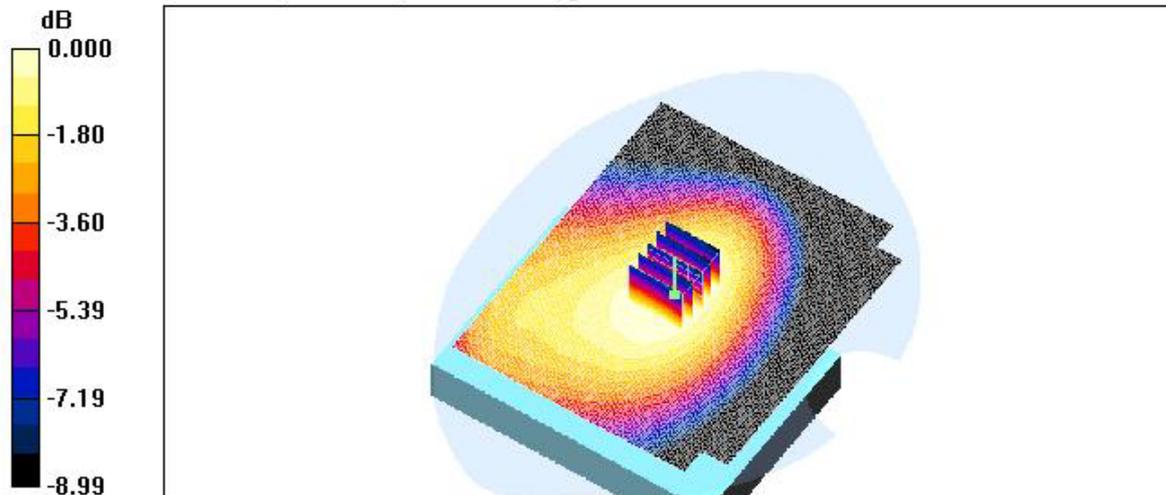
- Probe: ET3DV6 - SN1798; ConvF(7.86, 7.86, 7.86); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 835/900 MHz; Type: SAM

GMRS 450 body 15/Area Scan (101x121x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.407 mW/g

GMRS 450 body 15/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 22.3 V/m; Power Drift = -1.13 dB
Peak SAR (extrapolated) = 0.529 W/kg
SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.255 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.376 mW/g



0 dB = 0.376mW/g

Test Laboratory: HCT

Channel : 22
Battery Type: Energizer
Liquid Temperature : 22.6 °C
Date Tested : May 15, 2007

DUT: XT511

Communication System: 450MHz (FCC); Frequency: 462.725 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 462.725$ MHz; $\sigma = 0.971$ mho/m; $\epsilon_r = 56.8$; $\rho = 1000$ 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 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 835/900 MHz; Type: SAM

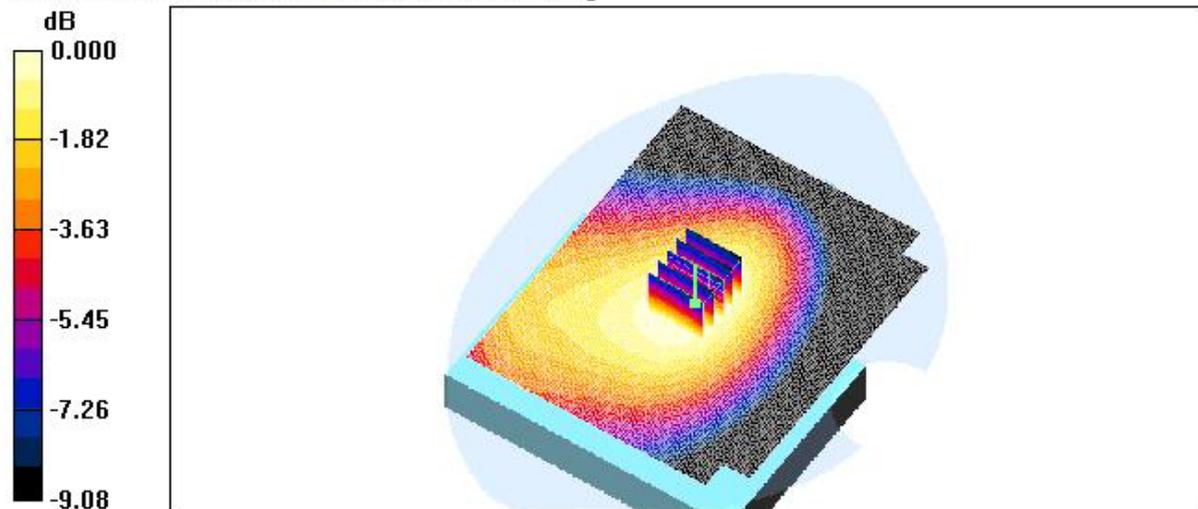
GMRS 450 body 22/Area Scan (101x121x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.387 mW/g

GMRS 450 body 22/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.9 V/m; Power Drift = -1.08 dB
Peak SAR (extrapolated) = 0.519 W/kg
SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.249 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.368 mW/g



Test Laboratory: HCT

Channel : 8(FRS)
Battery Type: Energizer
Liquid Temperature : 22.6°C
Date Tested : May 15, 2007

DUT: XT511

Communication System: 450MHz (FCC); Frequency: 467.563 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 467.563$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 56.7$; $\rho = 1000$ 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 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 835/900 MHz; Type: SAM

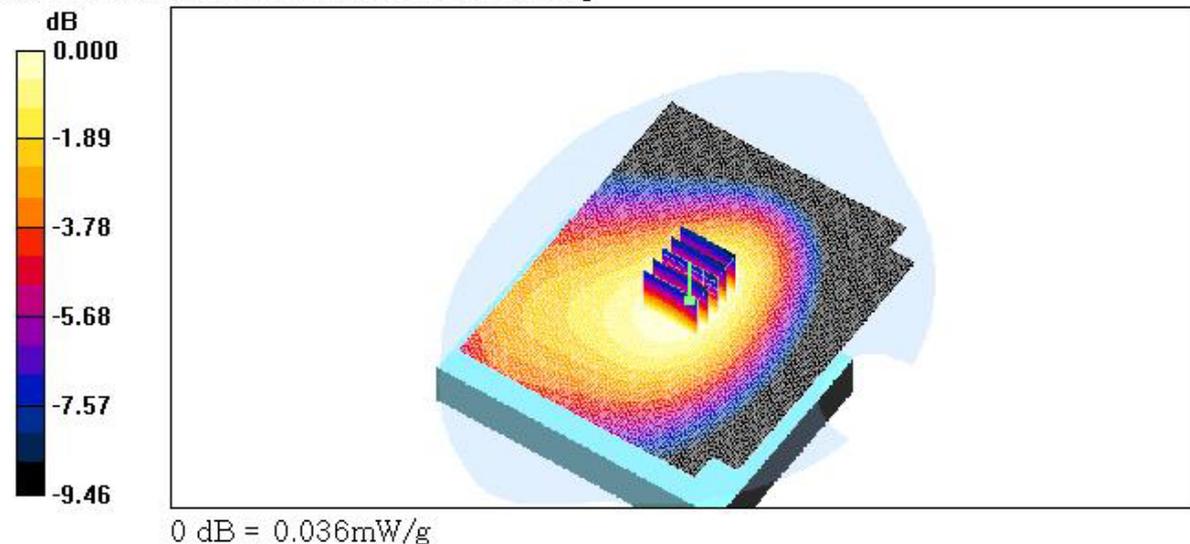
GMRS 450 body 8/Area Scan (101x121x1): Measurement grid: $\Delta x = 15$ mm, $\Delta y = 15$ mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.038 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 = 6.32 V/m; Power Drift = -0.264 dB
Peak SAR (extrapolated) = 0.051 W/kg
SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.024 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.036 mW/g



Test Laboratory: HCT

Channel : 15
Battery Type: Rocket
Liquid Temperature : 22.6 °C
Date Tested : May 15, 2007

DUT: XT511

Communication System: 450MHz (FCC); Frequency: 462.55 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 462.55$ MHz, $\sigma = 0.971$ mho/m, $\epsilon_r = 56.8$, $\rho = 1000$

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 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 835/900 MHz; Type: SAM

GMRS 450 body 15/Area Scan (101x121x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.392 mW/g

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

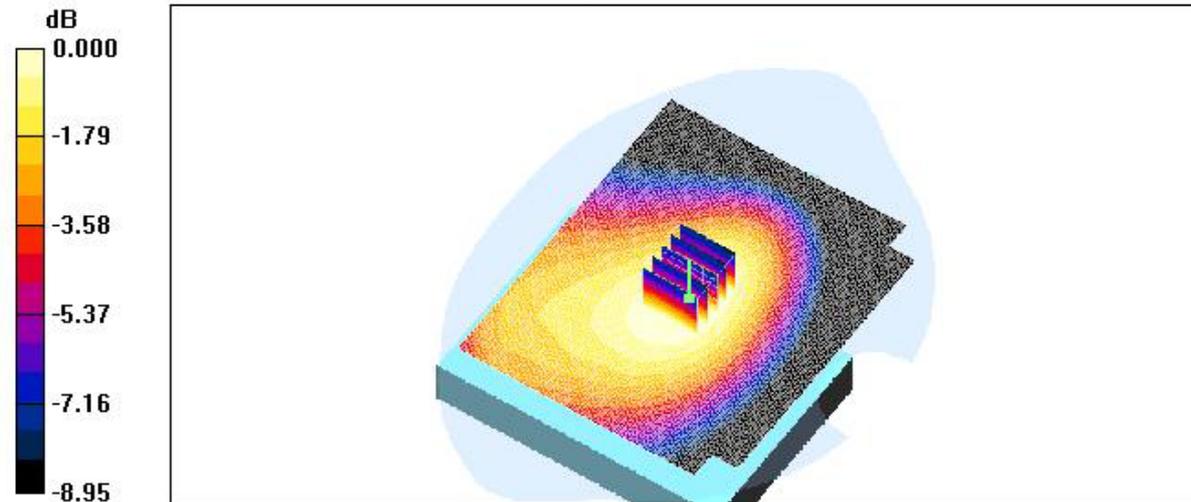
Reference Value = 22.5 V/m; Power Drift = -1.22 dB

Peak SAR (extrapolated) = 0.523 W/kg

SAR(1 g) = 0.352 mW/g; SAR(10 g) = 0.251 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.370 mW/g



0 dB = 0.370mW/g

Test Laboratory: HCT

Channel : 15
Battery Type: Bixel
Liquid Temperature : 22.6 °C
Date Tested : May 15, 2007

DUT: XT511

Communication System: 450MHz (FCC); Frequency: 462.55 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 462.55$ MHz; $\sigma = 0.971$ mho/m; $\epsilon_r = 56.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

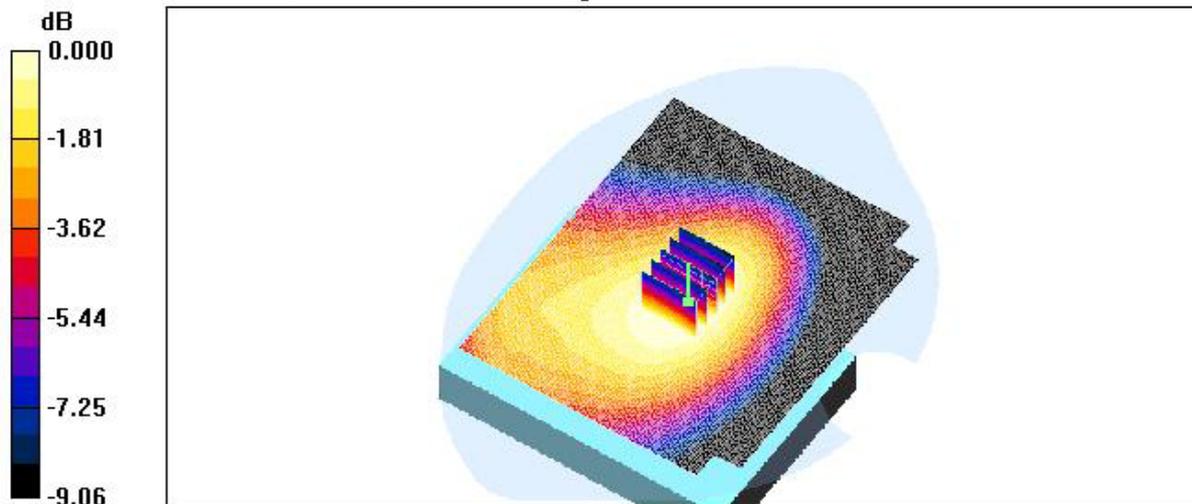
- Probe: ET3DV6 - SN1798; ConvF(7.86, 7.86, 7.86); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 835/900 MHz; Type: SAM

GMRS 450 body 15/Area Scan (101x121x1): Measurement grid: $\Delta x = 15$ mm, $\Delta y = 15$ mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.376 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 = 21.6 V/m; Power Drift = -1.15 dB
Peak SAR (extrapolated) = 0.501 W/kg
SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.240 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.354 mW/g



0 dB = 0.354mW/g

Test Laboratory: HCT

Channel : 15
Battery Type: Rechargeable
Liquid Temperature : 22.6 °C
Date Tested : May 15, 2007

DUT: XT511

Communication System: 450MHz (FCC); Frequency: 462.55 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 462.55$ MHz; $\sigma = 0.971$ mho/m; $\epsilon_r = 56.8$; $\rho = 1000$

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 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 835/900 MHz; Type: SAM

GMRS 450 body 15/Area Scan (41x51x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.296 mW/g

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

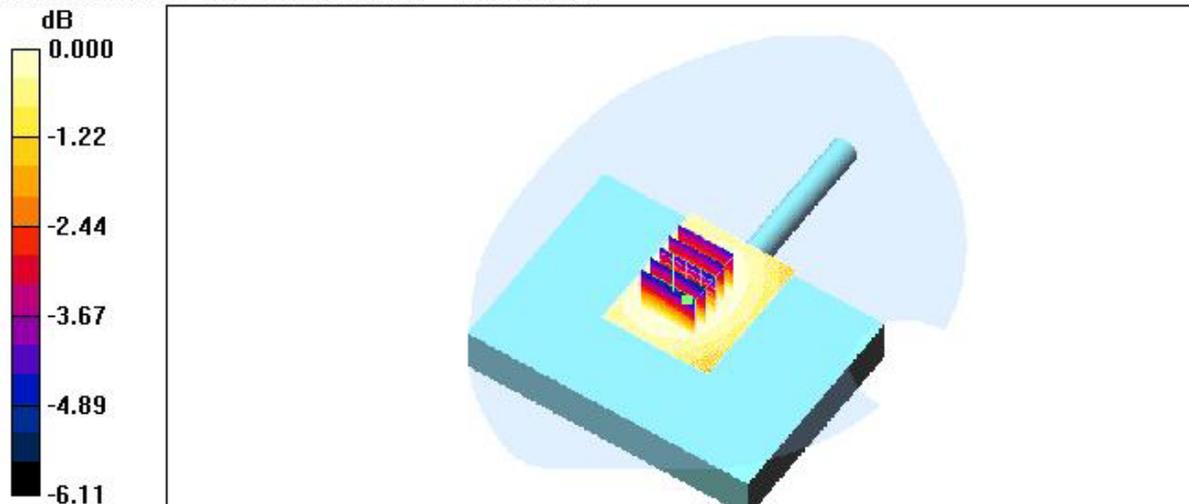
Reference Value = 17.7 V/m; Power Drift = -0.596 dB

Peak SAR (extrapolated) = 0.349 W/kg

SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.228 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.284 mW/g



0 dB = 0.284mW/g

Test Laboratory: HCT

Channel : 15
Battery Type: Energizer
Liquid Temperature : 22.6 °C
Date Tested : May 15, 2007

DUT: XT511

Communication System: 450MHz (FCC); Frequency: 462.55 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 462.55$ MHz; $\sigma = 0.971$ mho/m; $\epsilon_r = 56.8$; $\rho = 1000$ 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 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 835/900 MHz; Type: SAM

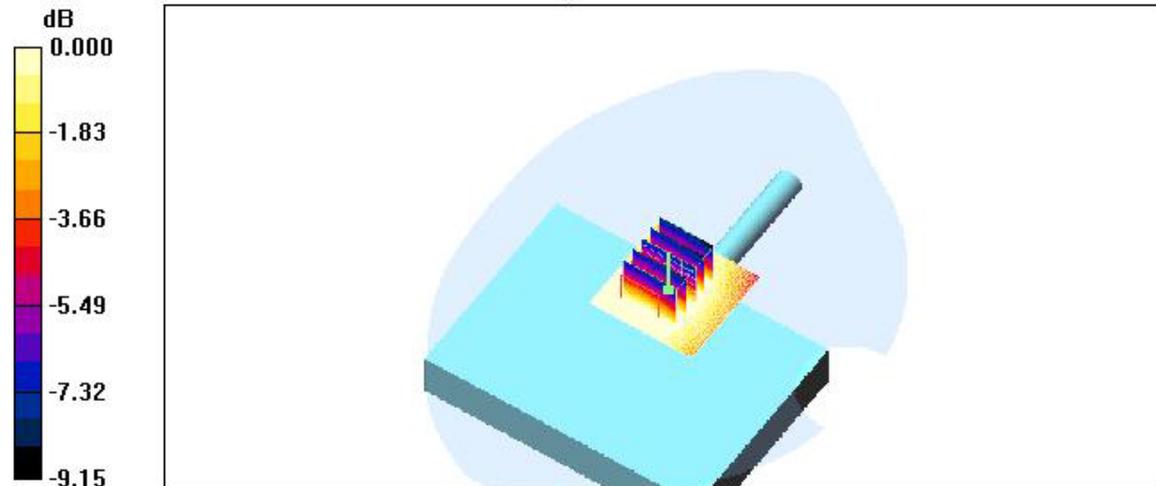
GMRS 450 Body 15/Area Scan (41x41x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.416 mW/g

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

Reference Value = 21.6 V/m; Power Drift = -0.863 dB
Peak SAR (extrapolated) = 0.522 W/kg
SAR(1 g) = 0.354 mW/g; SAR(10 g) = 0.254 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.370 mW/g



0 dB = 0.370mW/g

Test Laboratory: HCT

Channel : 15
Battery Type: Energizer
Liquid Temperature : 22.6°C
Date Tested : May 15, 2007

DUT: XT511

Communication System: 450MHz (FCC); Frequency: 462.55 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 462.55$ MHz; $\sigma = 0.971$ mho/m; $\epsilon_r = 56.8$; $\rho = 1000$

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 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 835/900 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) = 0.411 mW/g

