

## APPENDIX A – SAR TEST PLOTS

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Test Laboratory: HCT CO., LTD  
Liquid Temperature: 21.2 °C  
Ambient Temperature: 21.4 °C  
Test Date: Dec.18, 2007

**DUT: LXT460 (Face); Type: Face; Serial: #1**

Communication System: 450MHz (FCC); Frequency: 462.563 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 462.563$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 44.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(7.25, 7.25, 7.25); Calibrated: 2007-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn466; Calibrated: 2007-01-25
- Phantom: 835/900 Phantom ; Type: SAM

**GMRS 450 Face 1/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.947 mW/g

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

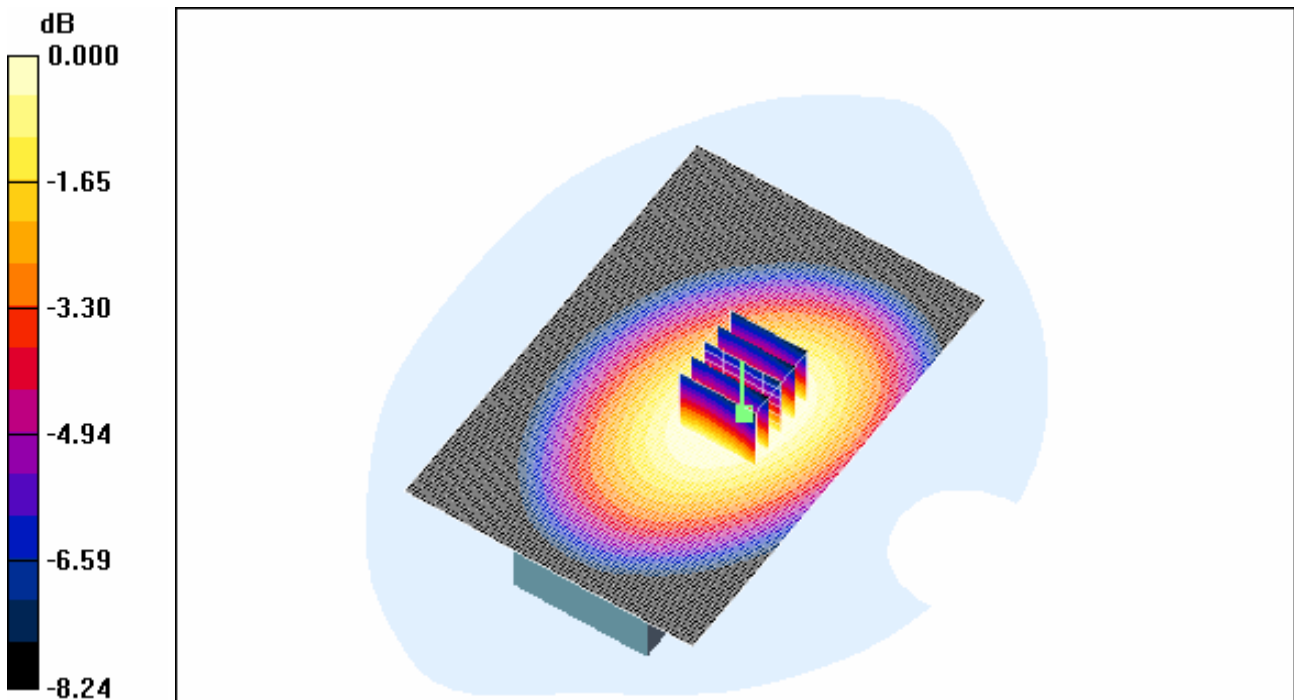
Reference Value = 36.7 V/m; Power Drift = -1.78 dB

Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.802 mW/g; SAR(10 g) = 0.591 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.841 mW/g



Test Laboratory: HCT CO., LTD  
Liquid Temperature: 21.2 °C  
Ambient Temperature: 21.4 °C  
Test Date: Dec.18, 2007

**DUT: LXT340 (Face); Type: Face; Serial: #1**

Communication System: 450MHz (FCC); Frequency: 462.55 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 462.55$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 44.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(7.25, 7.25, 7.25); Calibrated: 2007-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn466; Calibrated: 2007-01-25
- Phantom: 835/900 Phantom ; Type: SAM

**GMRS 450 Face 15/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.896 mW/g

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

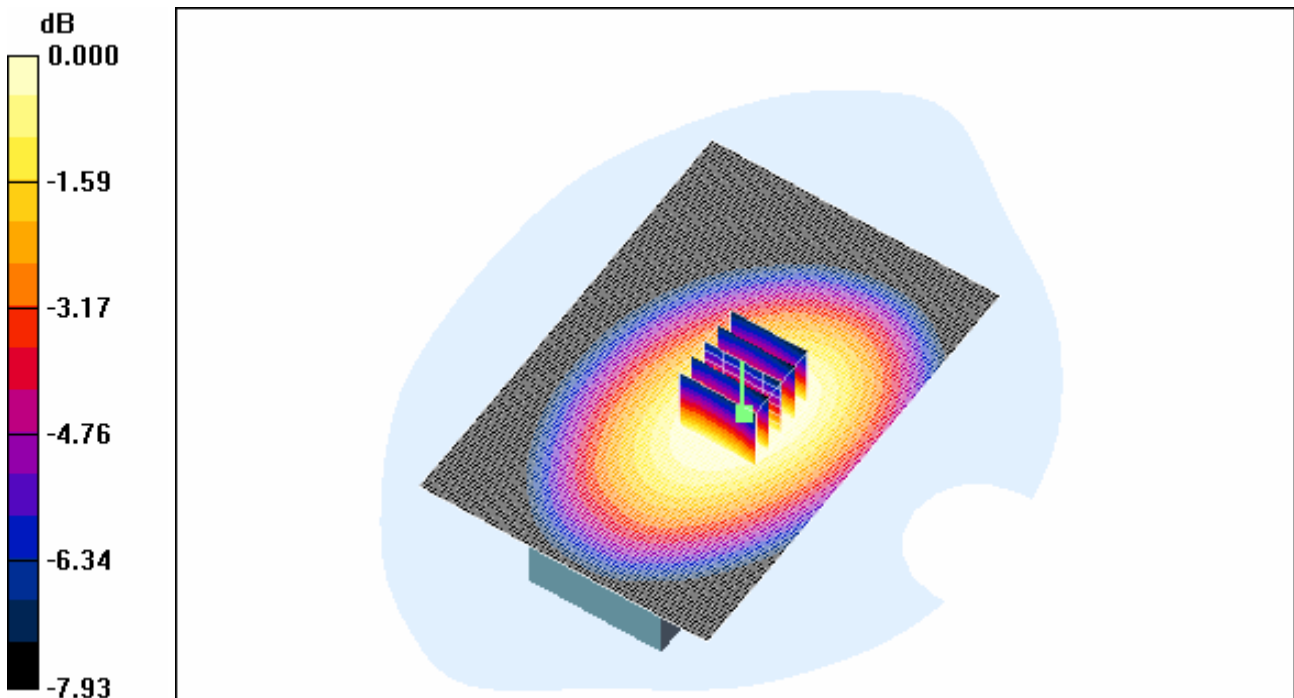
Reference Value = 35.2 V/m; Power Drift = -1.55 dB

Peak SAR (extrapolated) = 1.04 W/kg

**SAR(1 g) = 0.762 mW/g; SAR(10 g) = 0.564 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.797 mW/g



0 dB = 0.797mW/g

Test Laboratory: HCT CO., LTD  
Liquid Temperature: 21.2 °C  
Ambient Temperature: 21.4 °C  
Test Date: Dec.18, 2007

**DUT: LXT340 (Face); Type: Face; Serial: #1**

Communication System: 450MHz (FCC); Frequency: 462.725 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 462.725$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 44.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(7.25, 7.25, 7.25); Calibrated: 2007-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn466; Calibrated: 2007-01-25
- Phantom: 835/900 Phantom ; Type: SAM

**GMRS 450 Face 22/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

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

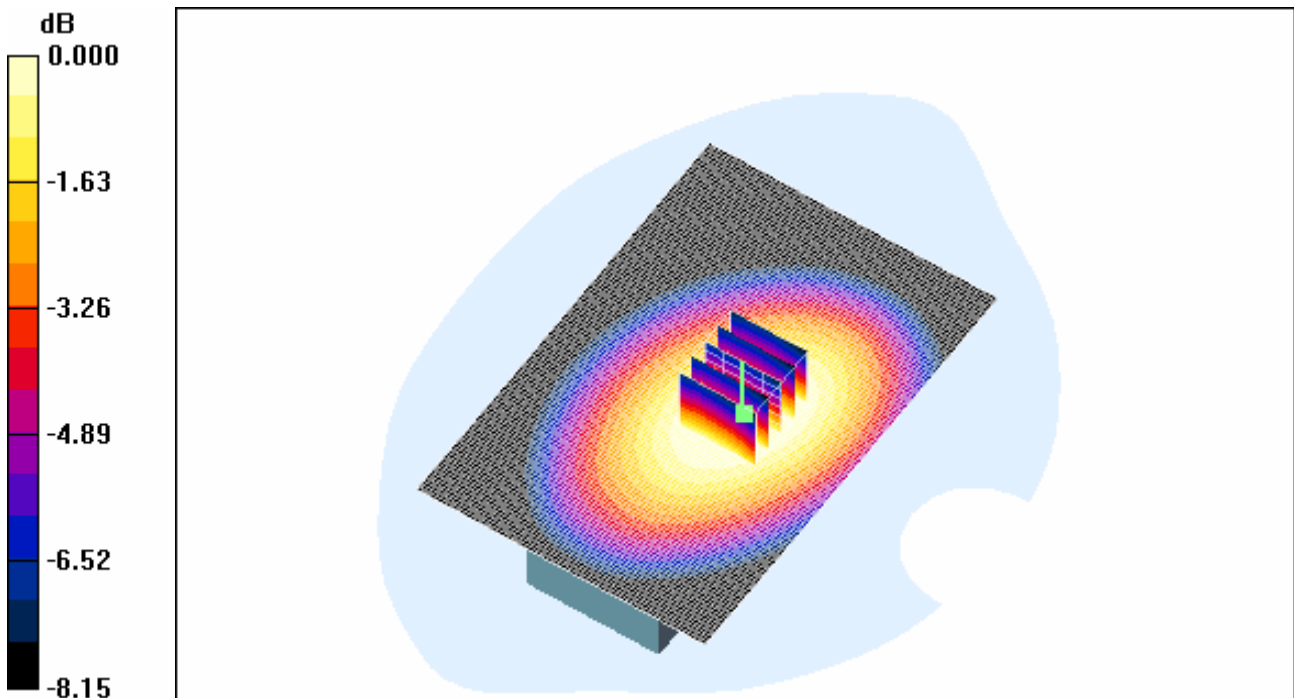
Reference Value = 37.0 V/m; Power Drift = -1.55 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.627 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.896 mW/g



0 dB = 0.896mW/g

Test Laboratory: HCT CO., LTD  
Liquid Temperature: 21.2 °C  
Ambient Temperature: 21.4 °C  
Test Date: Dec.18, 2007

**DUT: LXT340 (Face); Type: Face; Serial: #1**

Communication System: 450MHz (FCC); Frequency: 467.563 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 467.563$  MHz;  $\sigma = 0.908$  mho/m;  $\epsilon_r = 44.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(7.25, 7.25, 7.25); Calibrated: 2007-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn466; Calibrated: 2007-01-25
- Phantom: 835/900 Phantom ; Type: SAM

**GMRS 450 Face 8/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.366 mW/g

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

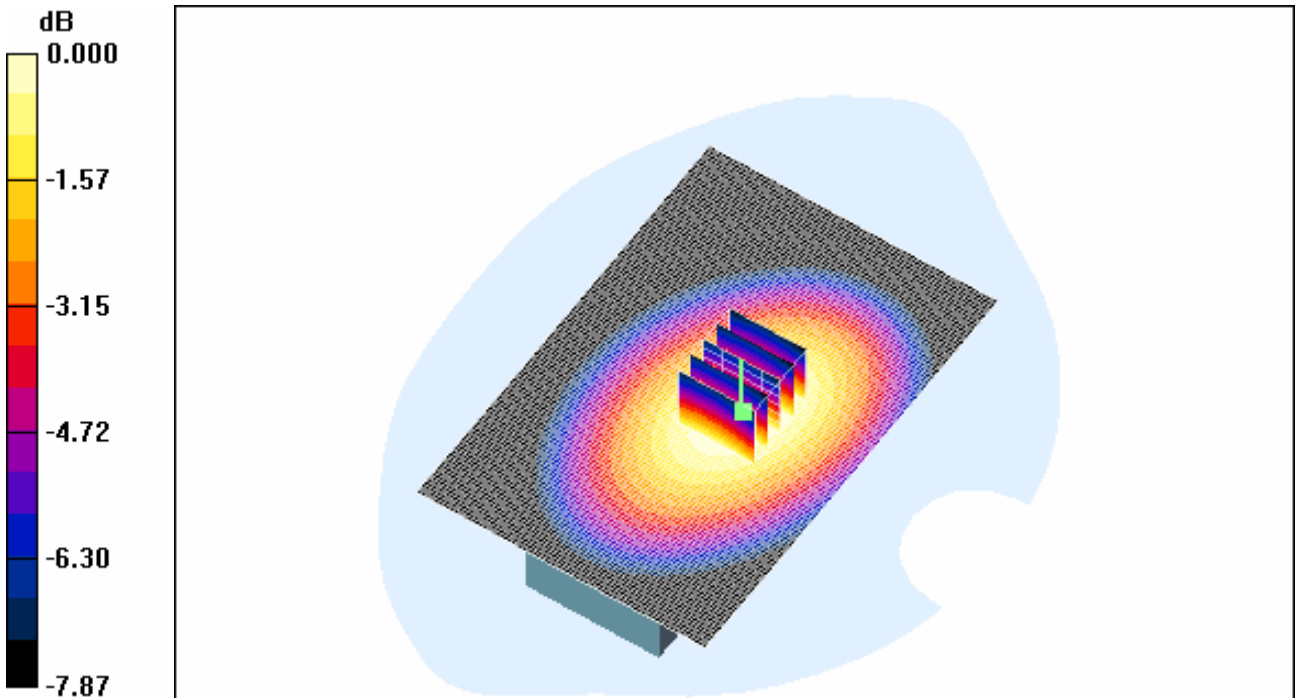
Reference Value = 20.6 V/m; Power Drift = -0.213 dB

Peak SAR (extrapolated) = 0.473 W/kg

**SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.251 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.357 mW/g



0 dB = 0.357mW/g

Test Laboratory: HCT CO., LTD  
Liquid Temperature: 21.2 °C  
Ambient Temperature: 21.4 °C  
Test Date: Dec.18, 2007

**DUT: LXT340 (Face); Type: Face; Serial: #1**

Communication System: 450MHz (FCC); Frequency: 462.725 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 462.725$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 44.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(7.25, 7.25, 7.25); Calibrated: 2007-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn466; Calibrated: 2007-01-25
- Phantom: 835/900 Phantom ; Type: SAM

**GMRS 450 Face 22/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.854 mW/g

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

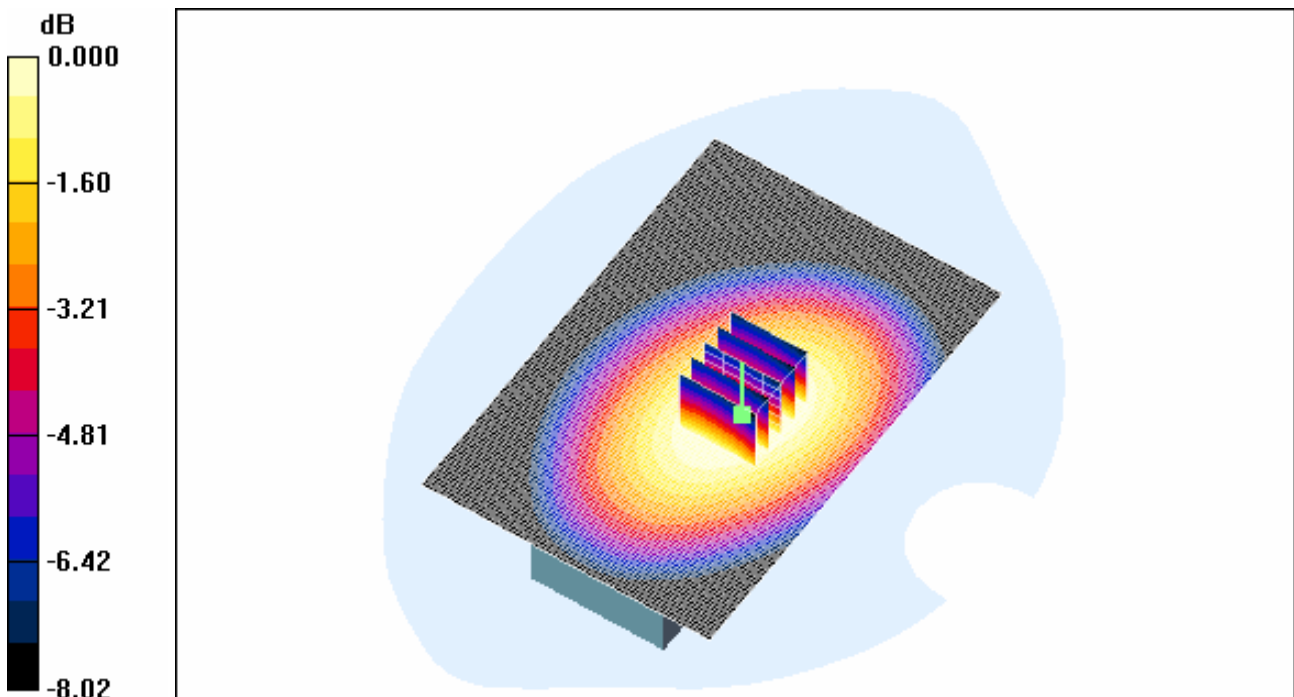
Reference Value = 34.4 V/m; Power Drift = -1.47 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.734 mW/g; SAR(10 g) = 0.543 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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



0 dB = 0.772mW/g



Test Laboratory: HCT CO., LTD  
Liquid Temperature: 21.2 °C  
Ambient Temperature: 21.4 °C  
Test Date: Dec.18, 2007

**DUT: LXT340 (Face); Type: Face; Serial: #1**

Communication System: 450MHz (FCC); Frequency: 462.725 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 462.725$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 44.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(7.25, 7.25, 7.25); Calibrated: 2007-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn466; Calibrated: 2007-01-25
- Phantom: 835/900 Phantom ; Type: SAM

**GMRS 450 Face 22/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 1.03 mW/g

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

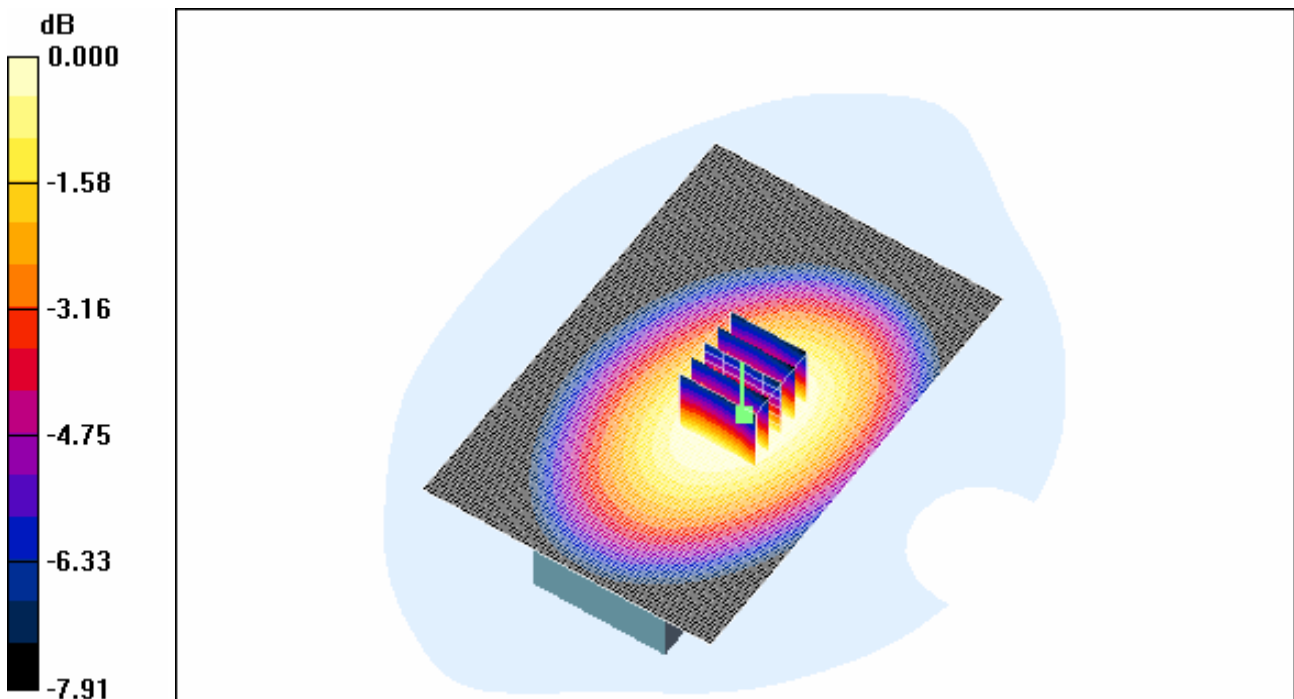
Reference Value = 36.9 V/m; Power Drift = -1.31 dB

Peak SAR (extrapolated) = 1.21 W/kg

**SAR(1 g) = 0.882 mW/g; SAR(10 g) = 0.653 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.922 mW/g



0 dB = 0.922mW/g

Test Laboratory: HCT CO., LTD  
Liquid Temperature: 21.2 °C  
Ambient Temperature: 21.4 °C  
Test Date: Dec.18, 2007

**DUT: LXT340 (Face); Type: Face; Serial: #1**

Communication System: 450MHz (FCC); Frequency: 462.725 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 462.725$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 44.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(7.25, 7.25, 7.25); Calibrated: 2007-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn466; Calibrated: 2007-01-25
- Phantom: 835/900 Phantom ; Type: SAM

**GMRS 450 Face 22/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.893 mW/g

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

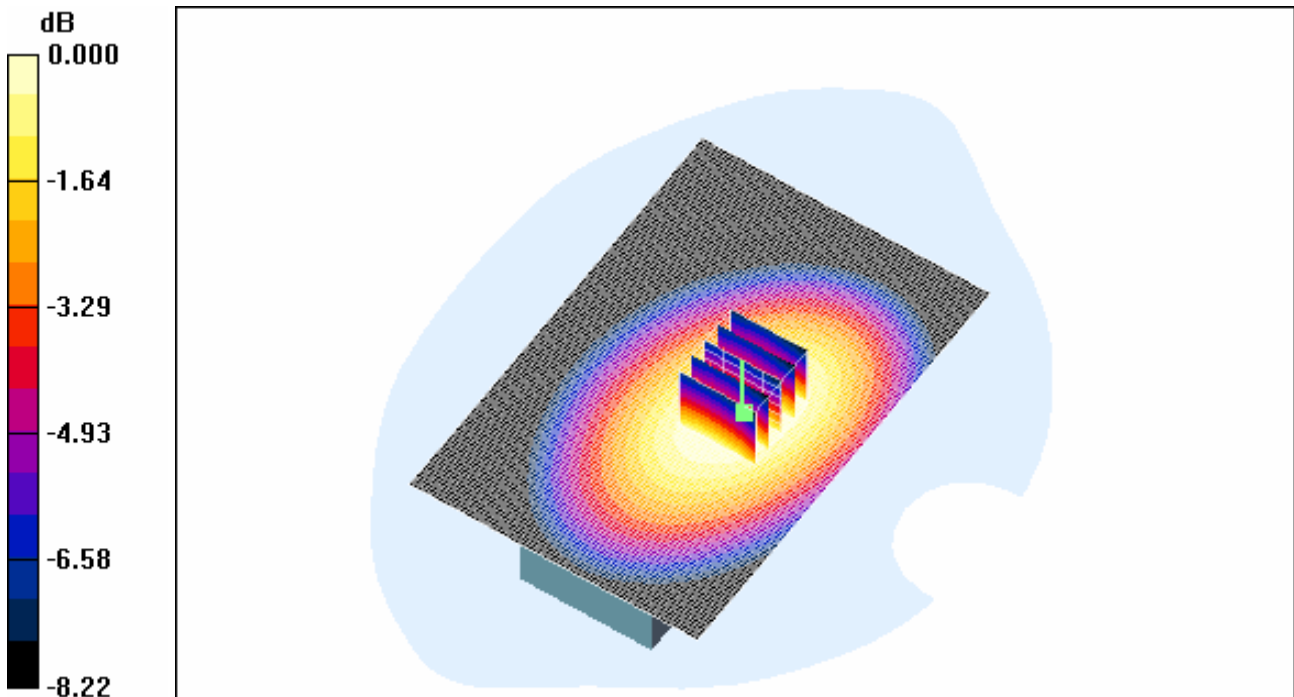
Reference Value = 33.3 V/m; Power Drift = -1.04 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.792 mW/g; SAR(10 g) = 0.583 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.831 mW/g





Test Laboratory: HCT CO., LTD  
Liquid Temperature: 21.2 °C  
Ambient Temperature: 21.4 °C  
Test Date: Dec.18, 2007

**DUT: LXT340 ; Type: Body; Serial: #1**

Communication System: 450MHz (FCC); Frequency: 462.563 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 462.563$  MHz;  $\sigma = 0.974$  mho/m;  $\epsilon_r = 55.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(7.76, 7.76, 7.76); Calibrated: 2007-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn466; Calibrated: 2007-01-25
- Phantom: 835/900 Phantom ; Type: SAM

**GMRS 450 Body 1/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 1.55 mW/g

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

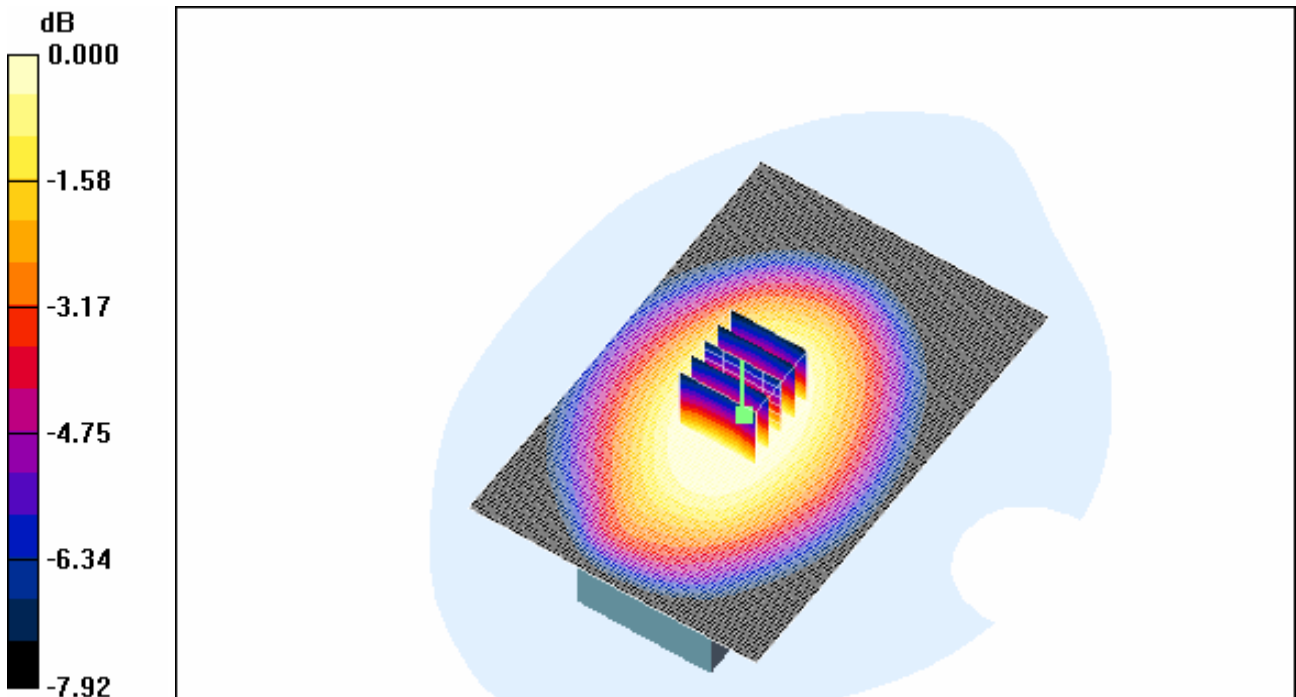
Reference Value = 41.8 V/m; Power Drift = -1.83 dB

Peak SAR (extrapolated) = 1.70 W/kg

**SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.894 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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



0 dB = 1.27mW/g

Test Laboratory: HCT CO., LTD  
Liquid Temperature: 21.2 °C  
Ambient Temperature: 21.4 °C  
Test Date: Dec.18, 2007

**DUT: LXT340 ; Type: Body; Serial: #1**

Communication System: 450MHz (FCC); Frequency: 462.55 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 462.55$  MHz;  $\sigma = 0.974$  mho/m;  $\epsilon_r = 55.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(7.76, 7.76, 7.76); Calibrated: 2007-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn466; Calibrated: 2007-01-25
- Phantom: 835/900 Phantom ; Type: SAM

**GMRS 450 Body 15/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 1.01 mW/g

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

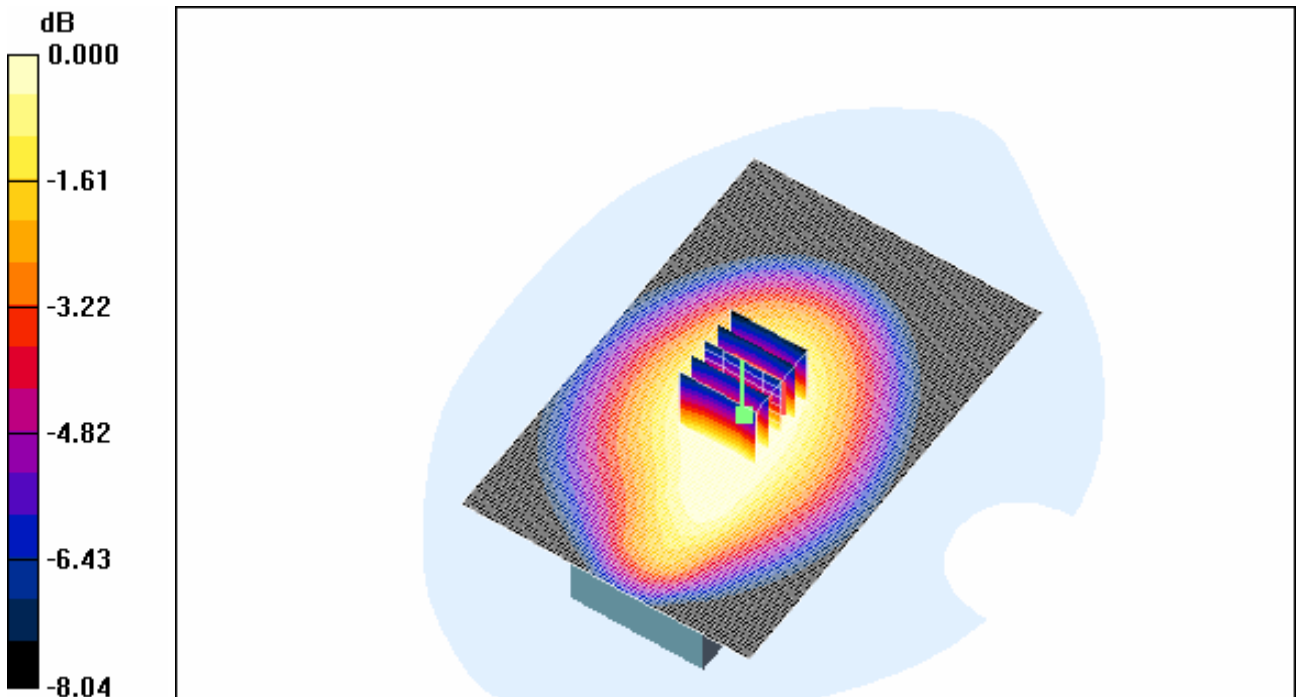
Reference Value = 34.0 V/m; Power Drift = -1.43 dB

Peak SAR (extrapolated) = 1.16 W/kg

**SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.614 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.873 mW/g



0 dB = 0.873mW/g

Test Laboratory: HCT CO., LTD  
Liquid Temperature: 21.2 °C  
Ambient Temperature: 21.4 °C  
Test Date: Dec.18, 2007

**DUT: LXT340 ; Type: Body; Serial: #1**

Communication System: 450MHz (FCC); Frequency: 462.725 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 462.725$  MHz;  $\sigma = 0.974$  mho/m;  $\epsilon_r = 55.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(7.76, 7.76, 7.76); Calibrated: 2007-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn466; Calibrated: 2007-01-25
- Phantom: 835/900 Phantom ; Type: SAM

**GMRS 450 Body 22/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 1.57 mW/g

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

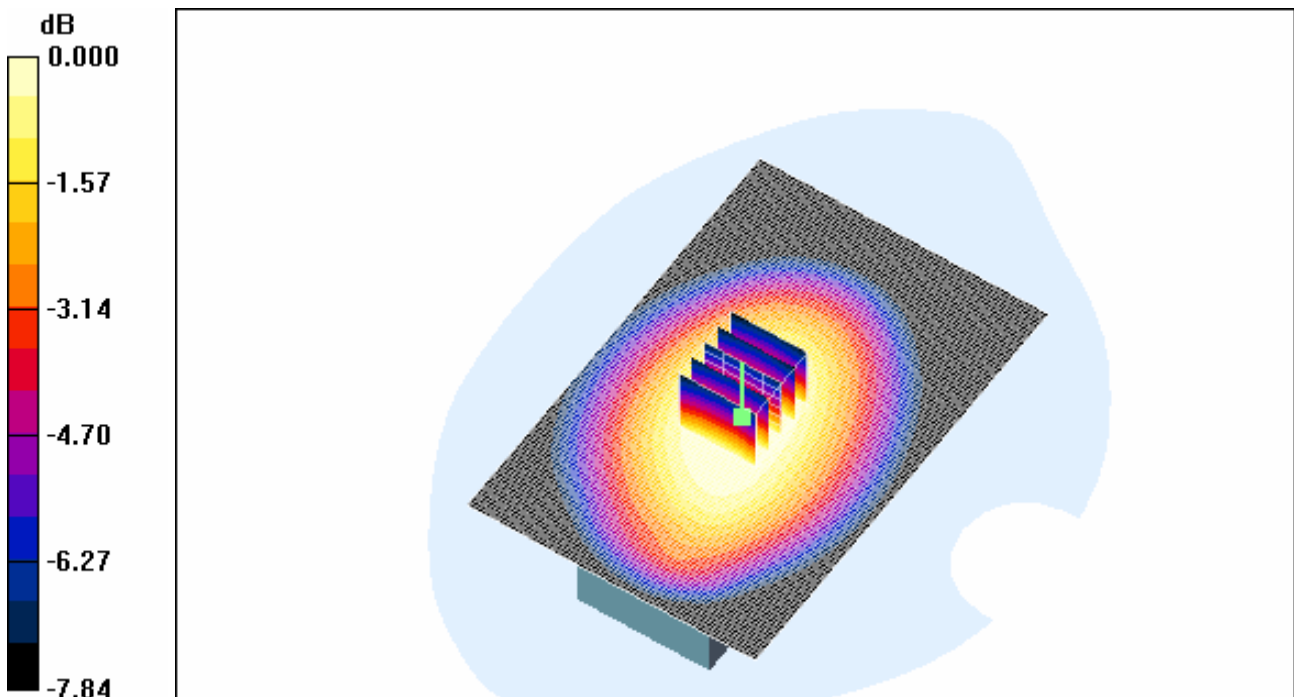
Reference Value = 40.9 V/m; Power Drift = -1.15 dB

Peak SAR (extrapolated) = 1.84 W/kg

**SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.988 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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



0 dB = 1.40mW/g

Test Laboratory: HCT CO., LTD  
Liquid Temperature: 21.2 °C  
Ambient Temperature: 21.4 °C  
Test Date: Dec.18, 2007

**DUT: LXT340 ; Type: Body; 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;  $\epsilon_r = 55.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(7.76, 7.76, 7.76); Calibrated: 2007-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn466; Calibrated: 2007-01-25
- Phantom: 835/900 Phantom ; Type: SAM

**GMRS 450 Body 8/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.445 mW/g

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

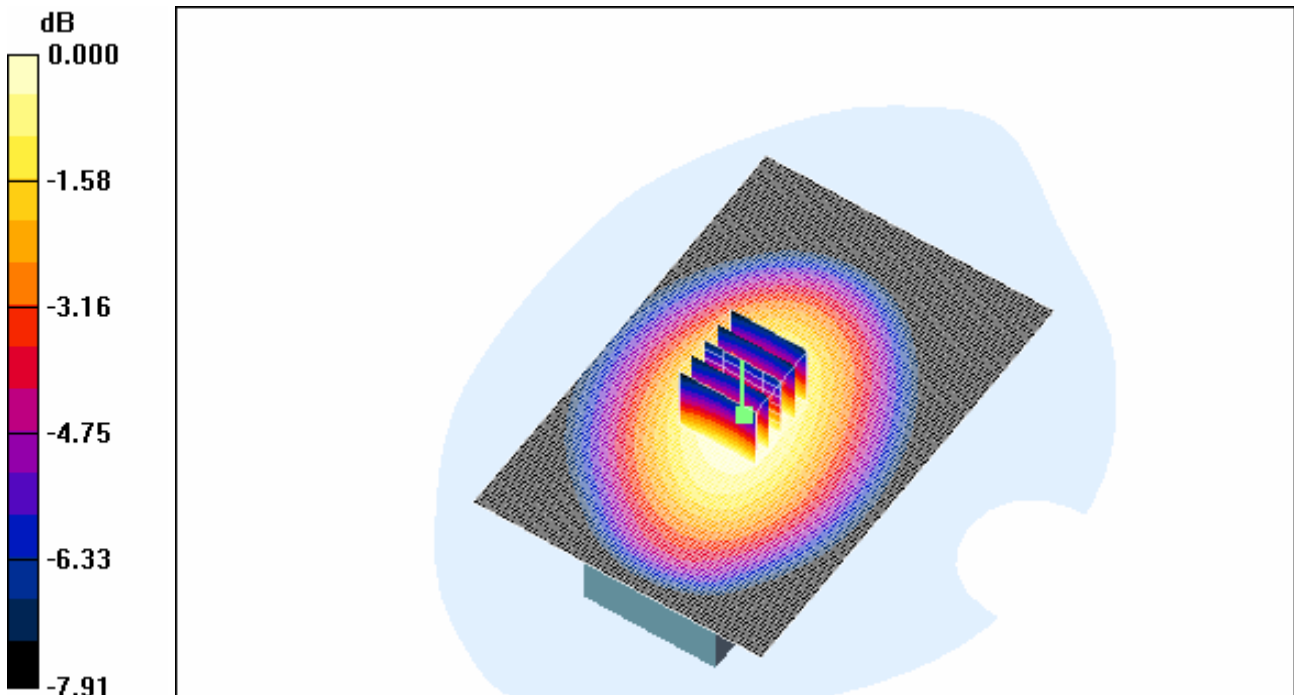
Reference Value = 20.8 V/m; Power Drift = -0.395 dB

Peak SAR (extrapolated) = 0.573 W/kg

**SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.303 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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



0 dB = 0.430mW/g

Test Laboratory: HCT CO., LTD  
Liquid Temperature: 21.2 °C  
Ambient Temperature: 21.4 °C  
Test Date: Dec.18, 2007

**DUT: LXT340 ; Type: Body; Serial: #1**

Communication System: 450MHz (FCC); Frequency: 462.725 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 462.725$  MHz;  $\sigma = 0.974$  mho/m;  $\epsilon_r = 55.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(7.76, 7.76, 7.76); Calibrated: 2007-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn466; Calibrated: 2007-01-25
- Phantom: 835/900 Phantom ; Type: SAM

**GMRS 450 Body 22/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 1.37 mW/g

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

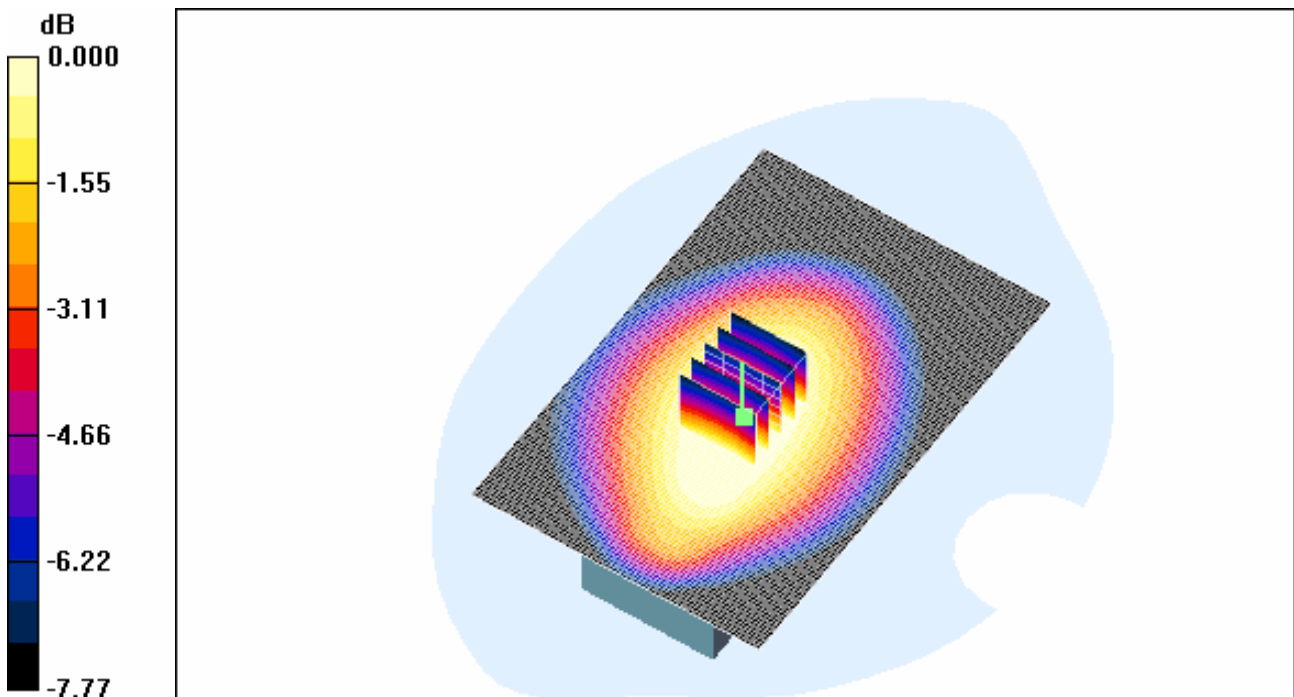
Reference Value = 39.3 V/m; Power Drift = -1.41 dB

Peak SAR (extrapolated) = 1.58 W/kg

**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.856 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.21 mW/g



0 dB = 1.21mW/g

Test Laboratory: HCT CO., LTD  
Liquid Temperature: 21.2 °C  
Ambient Temperature: 21.4 °C  
Test Date: Dec.18, 2007

**DUT: LXT340 ; Type: Body; Serial: #1**

Communication System: 450MHz (FCC); Frequency: 462.725 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 462.725$  MHz;  $\sigma = 0.974$  mho/m;  $\epsilon_r = 55.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(7.76, 7.76, 7.76); Calibrated: 2007-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn466; Calibrated: 2007-01-25
- Phantom: 835/900 Phantom ; Type: SAM

**GMRS 450 Body 22/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.993 mW/g

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

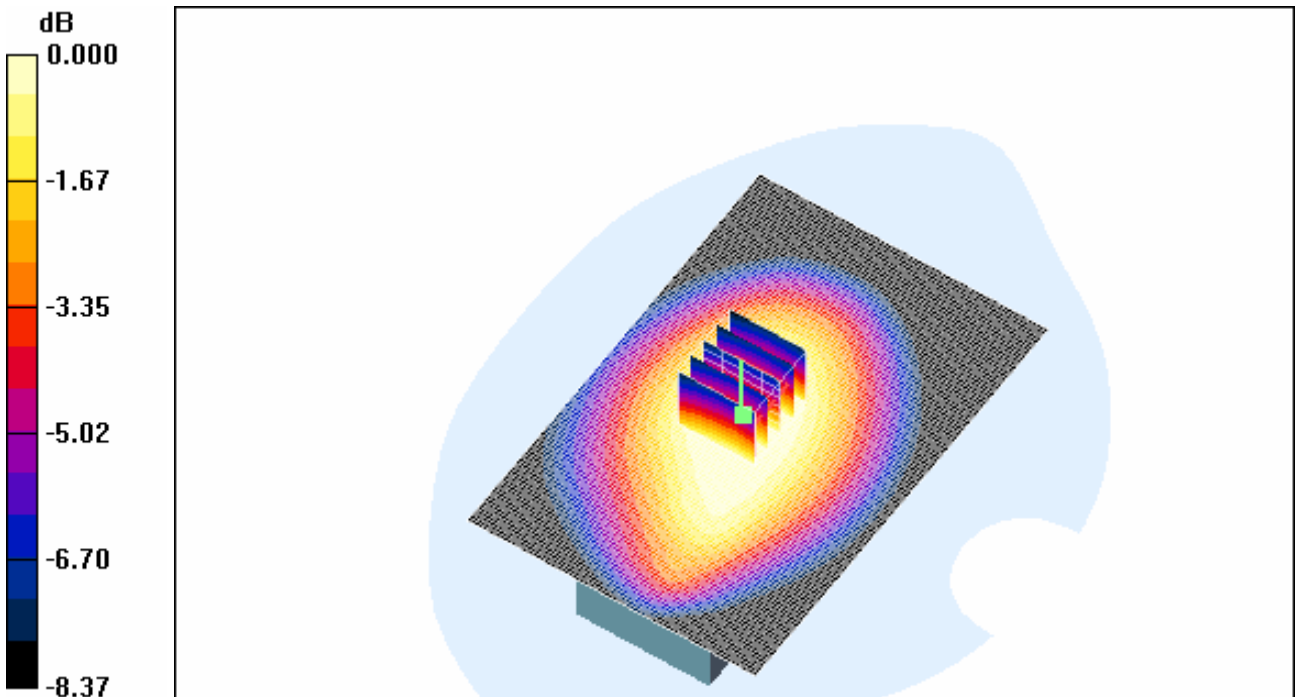
Reference Value = 32.7 V/m; Power Drift = -1.34 dB

Peak SAR (extrapolated) = 1.16 W/kg

**SAR(1 g) = 0.825 mW/g; SAR(10 g) = 0.606 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.866 mW/g



0 dB = 0.866mW/g



Test Laboratory: HCT CO., LTD  
Liquid Temperature: 21.2 °C  
Ambient Temperature: 21.4 °C  
Test Date: Dec.18, 2007

**DUT: LXT340 ; Type: Body; Serial: #1**

Communication System: 450MHz (FCC); Frequency: 462.725 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 462.725$  MHz;  $\sigma = 0.974$  mho/m;  $\epsilon_r = 55.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(7.76, 7.76, 7.76); Calibrated: 2007-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn466; Calibrated: 2007-01-25
- Phantom: 835/900 Phantom ; Type: SAM

**GMRS 450 Body 22/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.922 mW/g

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

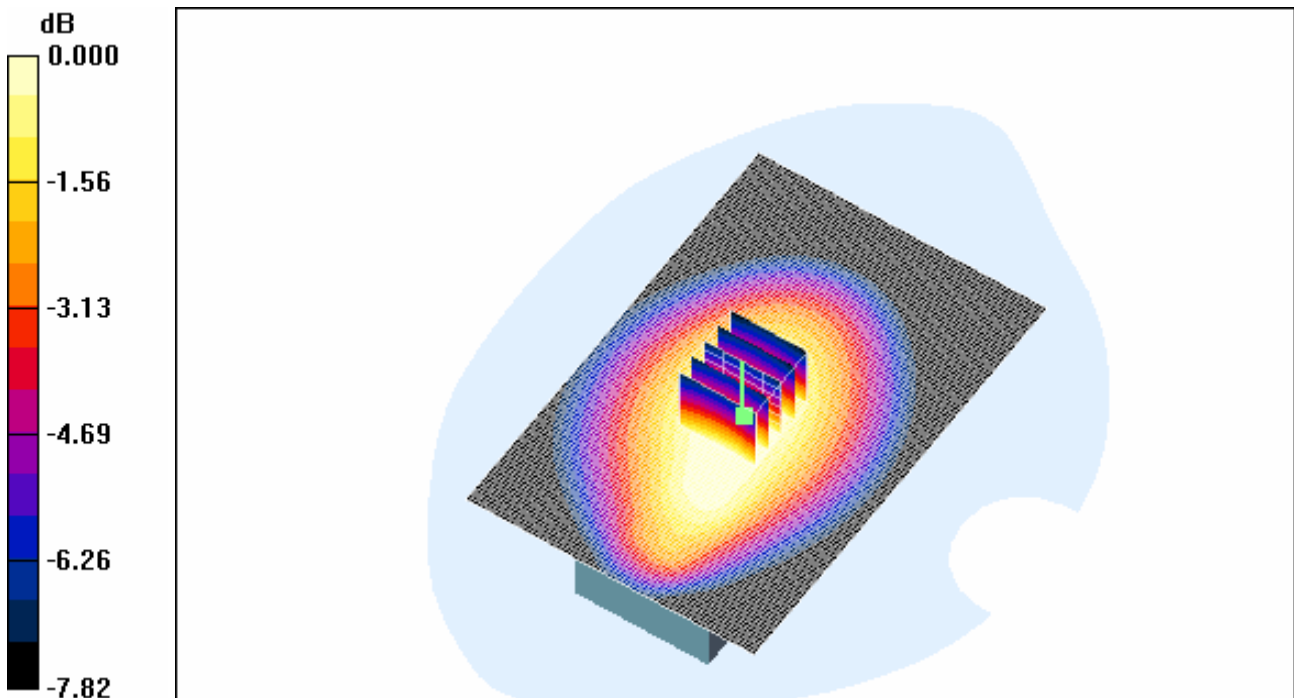
Reference Value = 30.7 V/m; Power Drift = -0.644 dB

Peak SAR (extrapolated) = 1.15 W/kg

**SAR(1 g) = 0.841 mW/g; SAR(10 g) = 0.627 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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



0 dB = 0.880mW/g

Test Laboratory: HCT CO., LTD  
Liquid Temperature: 21.2 °C  
Ambient Temperature: 21.4 °C  
Test Date: Dec.18, 2007

**DUT: LXT340; Type: Body; Serial: #1**

Communication System: 450MHz (FCC); Frequency: 462.725 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 462.725$  MHz;  $\sigma = 0.974$  mho/m;  $\epsilon_r = 55.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(7.76, 7.76, 7.76); Calibrated: 2007-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn466; Calibrated: 2007-01-25
- Phantom: 835/900 Phantom ; Type: SAM

**GMRS 450 Body 22/Area Scan (41x41x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 1.78 mW/g

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

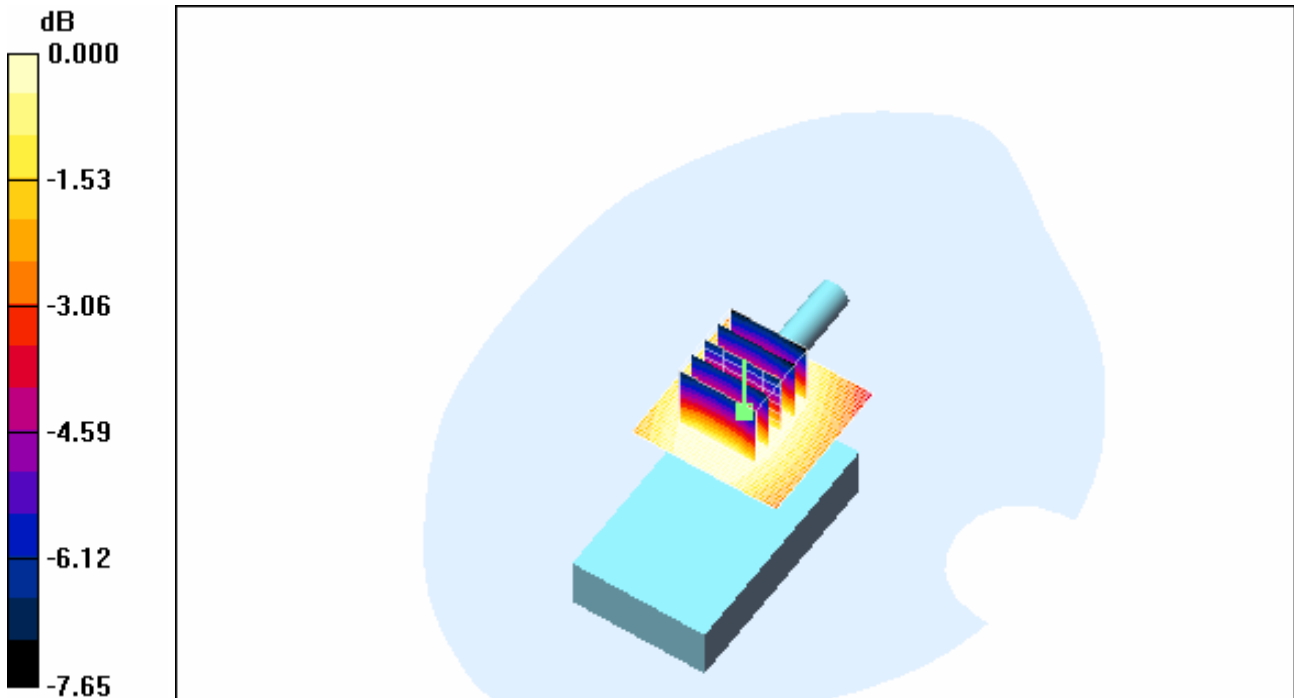
Reference Value = 41.9 V/m; Power Drift = -0.859 dB

Peak SAR (extrapolated) = 2.09 W/kg

**SAR(1 g) = 1.52 mW/g; SAR(10 g) = 1.13 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.59 mW/g



0 dB = 1.59mW/g