



ESTECH Co., Ltd.

Rm.1015, World Venture Center II,
426-5, Gasan-dong, Geumcheon-gu,
Seoul, 153-803, Korea

TEL: 82-2-867-3201
FAX: 82-2-867-3204

APPENDIX C : SAR Test Data

**ESTECH Co., Ltd.**

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TEL: 82-2-867-3201
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Date/Time: 02/07/06 16:23:39

Test Laboratory: ESTECH

CH1013 LEFT TOUCH SLIDE IN

DUT: CP-X515; Type: SLIDE ; Serial: XXXX

Communication System: CDMA FCC; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1750; ConvF(6.57, 6.57, 6.57); Calibrated: 2006-01-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112
- Temperature : 22°C, Humidity : 47%

Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 23.6 V/m; Power Drift = -0.2 dB

Maximum value of SAR (interpolated) = 0.617 mW/g

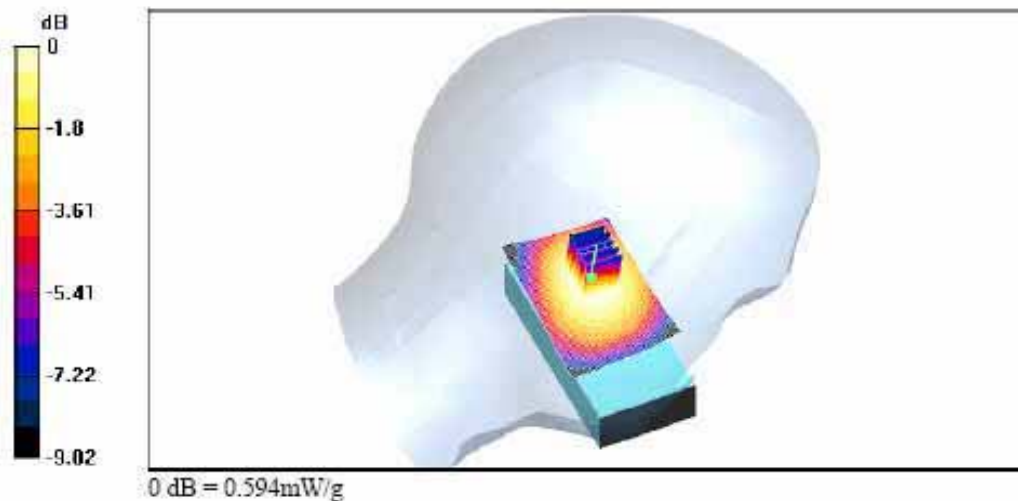
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.6 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.594 mW/g

Peak SAR (extrapolated) = 0.734 W/kg

SAR(1 g) = 0.561 mW/g



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Date/Time: 02/07/06 13:53:12

Test Laboratory: ESTECH

CH363 LEFT TOUCH SLIDE IN

DUT: CP-X515; Type: SLIDE ; Serial: XXXX

Communication System: CDMA FCC; Frequency: 835.89 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 835.89$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$
kg/m³
Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1750; ConvF(6.57, 6.57, 6.57); Calibrated: 2006-01-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112
- Temperature : 21 °C, Humidity : 46%

Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 24.7 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.661 mW/g

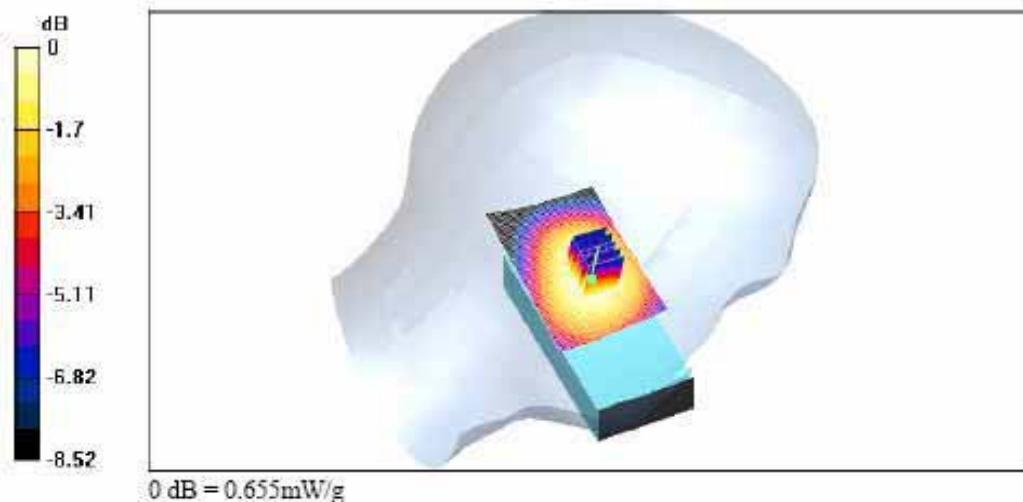
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.7 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.655 mW/g

Peak SAR (extrapolated) = 0.787 W/kg

SAR(1 g) = 0.617 mW/g



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Date/Time: 02/07/06 17:24:24

Test Laboratory: ESTECH

CH777 LEFT TOUCH SLIDE IN

DUT: CP-X515; Type: SLIDE ; Serial: XXXX

Communication System: CDMA FCC; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.912$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1750; ConvF(6.57, 6.57, 6.57); Calibrated: 2006-01-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112
- Temperature : 21 °C, Humidity : 47%

Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 24.3 V/m; Power Drift = 0.0 dB

Maximum value of SAR (interpolated) = 0.639 mW/g

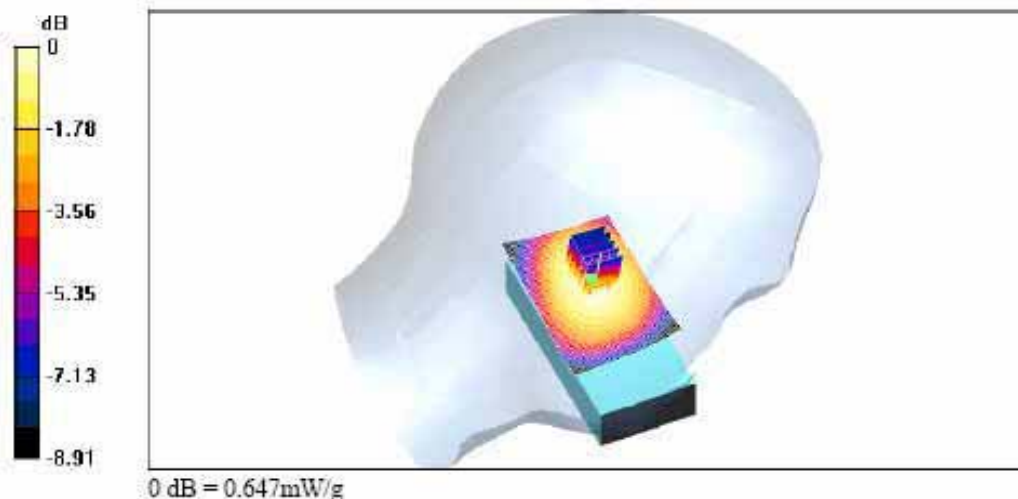
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.3 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.647 mW/g

Peak SAR (extrapolated) = 0.776 W/kg

SAR(1 g) = 0.609 mW/g



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Date/Time: 02/07/06 16:37:11

Test Laboratory: ESTECH

CH1013 RIGHT TOUCH SLIDE IN

DUT: CP-X515; Type: SLIDE ; Serial: XXXX

Communication System: CDMA FCC; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1750; ConvF(6.57, 6.57, 6.57); Calibrated: 2006-01-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112
- Temperature : 22°C, Humidity : 46%

Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 22.5 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.531 mW/g

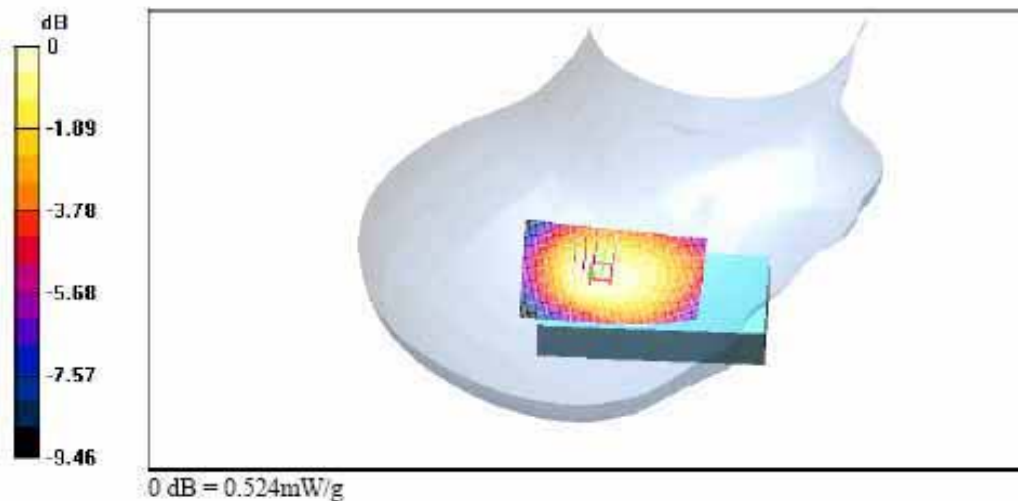
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.5 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.524 mW/g

Peak SAR (extrapolated) = 0.644 W/kg

SAR(1 g) = 0.495 mW/g



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Date/Time: 02/07/06 14:22:29

Test Laboratory: ESTECH

CH363 RIGHT TOUCH SLIDE IN

DUT: CP-X515; Type: SLIDE ; Serial: XXXX

Communication System: CDMA FCC; Frequency: 835.89 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 835.89$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$

kg/m³

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1750; ConvF(6.57, 6.57, 6.57); Calibrated: 2006-01-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112
- Temperature : 21°C, Humidity : 47%

Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 24 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.600 mW/g

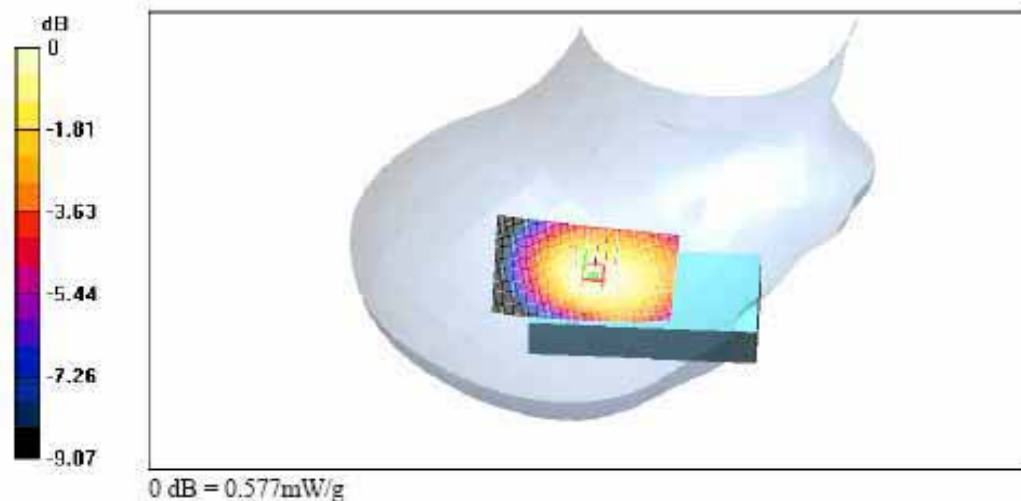
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.577 mW/g

Peak SAR (extrapolated) = 0.715 W/kg

SAR(1 g) = 0.546 mW/g



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Date/Time: 02/07/06 17:11:40

Test Laboratory: ESTECH

CH777 RIGHT TOUCH SLIDE IN

DUT: CP-X515; Type: SLIDE ; Serial: XXXX

Communication System: CDMA FCC; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.912$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1750; ConvF(6.57, 6.57, 6.57); Calibrated: 2006-01-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112
- Temperature : 21 °C, Humidity : 49%

Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 23.5 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 0.576 mW/g

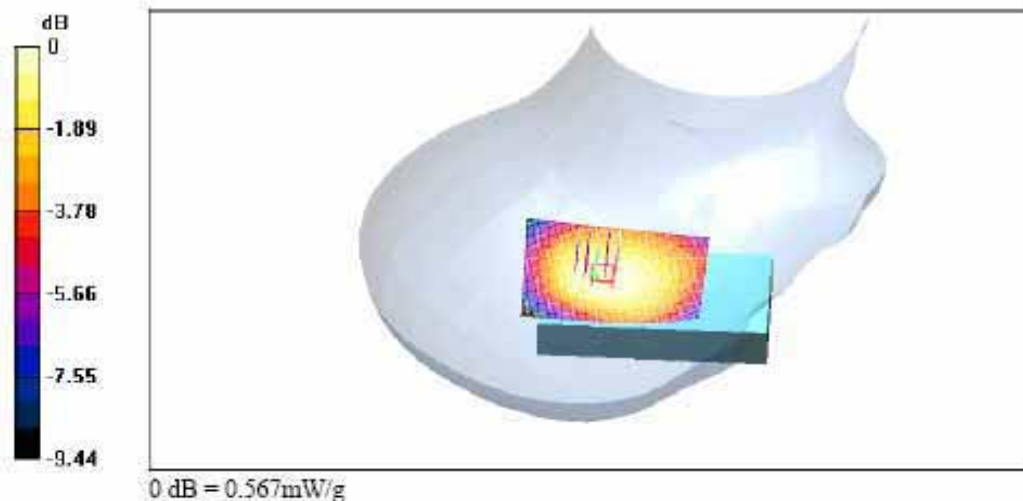
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.5 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.567 mW/g

Peak SAR (extrapolated) = 0.694 W/kg

SAR(1 g) = 0.537 mW/g



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Date/Time: 02/07/06 22:05:31

Test Laboratory: ESTECH

CH363 LEFT TOUCH SLIDE IN-STANDARD BATTERY

DUT: CP-X515; Type: SLIDE ; Serial: XXXX

Communication System: CDMA FCC; Frequency: 835.89 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 835.89$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$

kg/m³

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1750; ConvF(6.57, 6.57, 6.57); Calibrated: 2006-01-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112
- Temperature : 22 °C, Humidity : 47%

Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 23.9 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.652 mW/g

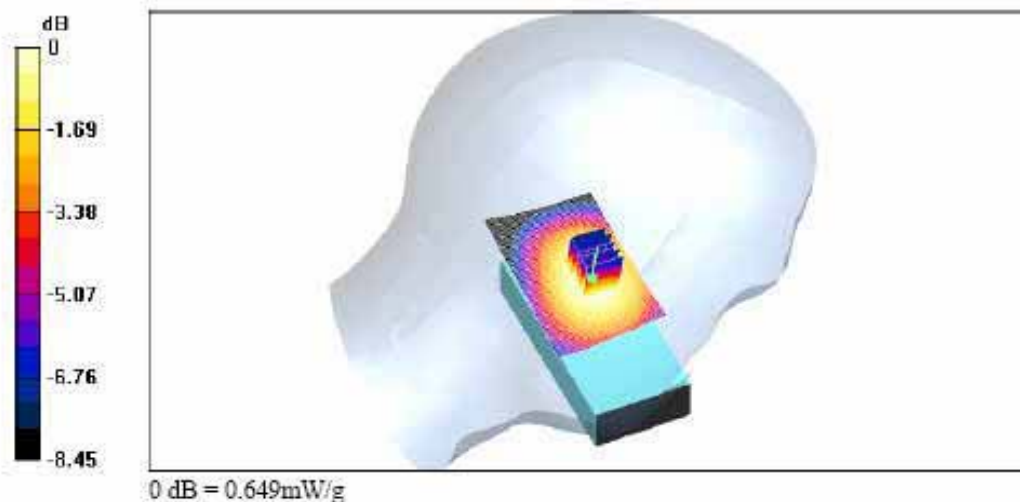
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.9 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.649 mW/g

Peak SAR (extrapolated) = 0.773 W/kg

SAR(1 g) = 0.610 mW/g



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Date/Time: 02/07/06 14:06:28

Test Laboratory: ESTECH

CH363 LEFT TILT SLIDE IN

DUT: CP-X515; Type: SLIDE ; Serial: XXXX

Communication System: CDMA FCC; Frequency: 835.89 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 835.89$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$
kg/m³
Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1750; ConvF(6.57, 6.57, 6.57); Calibrated: 2006-01-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112
- Temperature : 21 °C, Humidity : 47%

Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 23.5 V/m; Power Drift = 0.0 dB

Maximum value of SAR (interpolated) = 0.506 mW/g

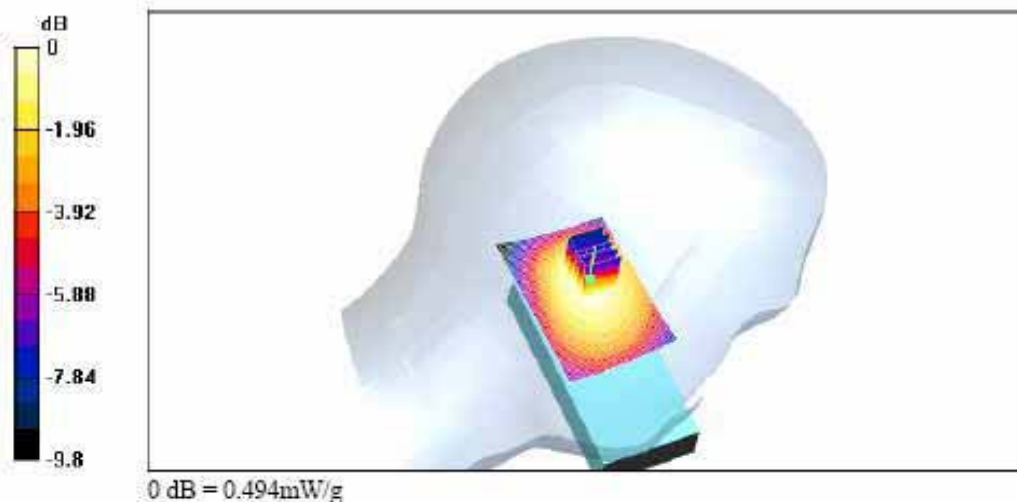
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.5 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.494 mW/g

Peak SAR (extrapolated) = 0.626 W/kg

SAR(1 g) = 0.468 mW/g





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Date/Time: 02/07/06 14:34:20

Test Laboratory: ESTECH

CH363 RIGHT TILT SLIDE IN

DUT: CP-X515; Type: SLIDE ; Serial: XXXX

Communication System: CDMA FCC; Frequency: 835.89 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 835.89$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$

kg/m³

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1750; ConvF(6.57, 6.57, 6.57); Calibrated: 2006-01-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112
- Temperature : 22°C, Humidity : 46%

Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 22.1 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.443 mW/g

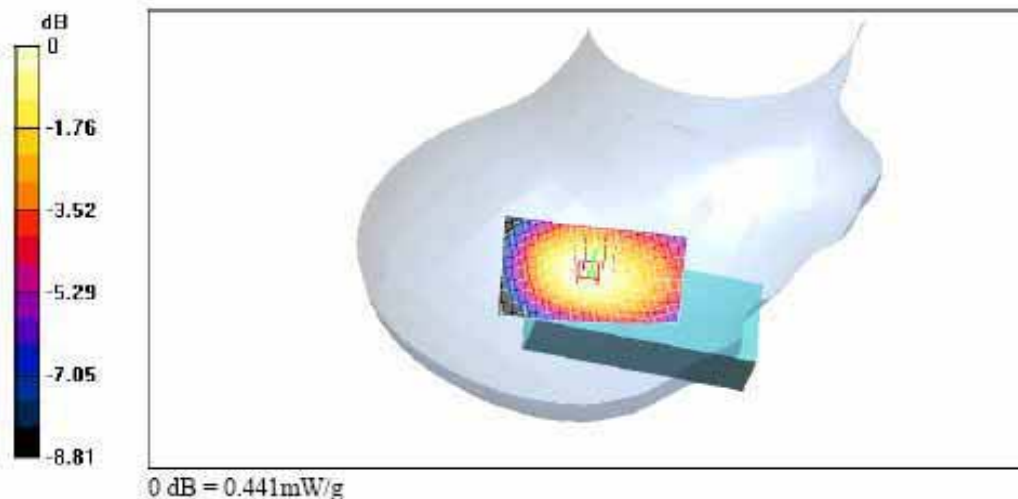
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.1 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.441 mW/g

Peak SAR (extrapolated) = 0.531 W/kg

SAR(1 g) = 0.413 mW/g



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Date/Time: 02/07/06 15:28:07

Test Laboratory: ESTECH

CH363 LEFT TOUCH SLIDE UP

DUT: CP-X515; Type: SLIDE ; Serial: XXXX

Communication System: CDMA FCC; Frequency: 835.89 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 835.89$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$
kg/m³
Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1750; ConvF(6.57, 6.57, 6.57); Calibrated: 2006-01-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112
- Temperature : 22°C, Humidity : 48%

Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 8.02 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 0.236 mW/g

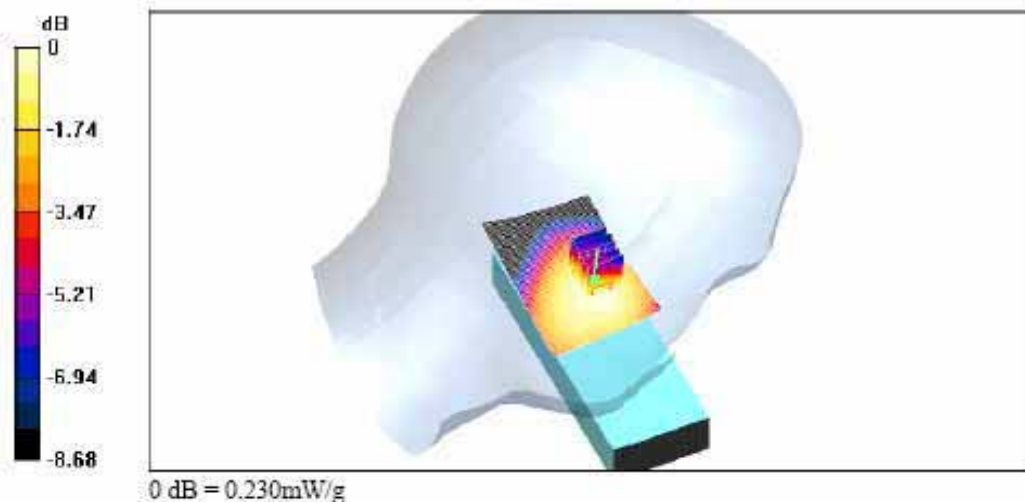
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.02 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.230 mW/g

Peak SAR (extrapolated) = 0.271 W/kg

SAR(1 g) = 0.220 mW/g



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FAX: 82-2-867-3204

Date/Time: 02/07/06 15:03:01

Test Laboratory: ESTECH

CH363 RIGHT TOUCH SLIDE UP

DUT: CP-X515; Type: SLIDE ; Serial: XXXX

Communication System: CDMA FCC; Frequency: 835.89 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 835.89$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$

kg/m³

Phantom section: Right Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1750; ConvF(6.57, 6.57, 6.57); Calibrated: 2006-01-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112
- Temperature : 21 °C, Humidity : 48%

Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 8.36 V/m; Power Drift = -0.005 dB

Maximum value of SAR (interpolated) = 0.177 mW/g

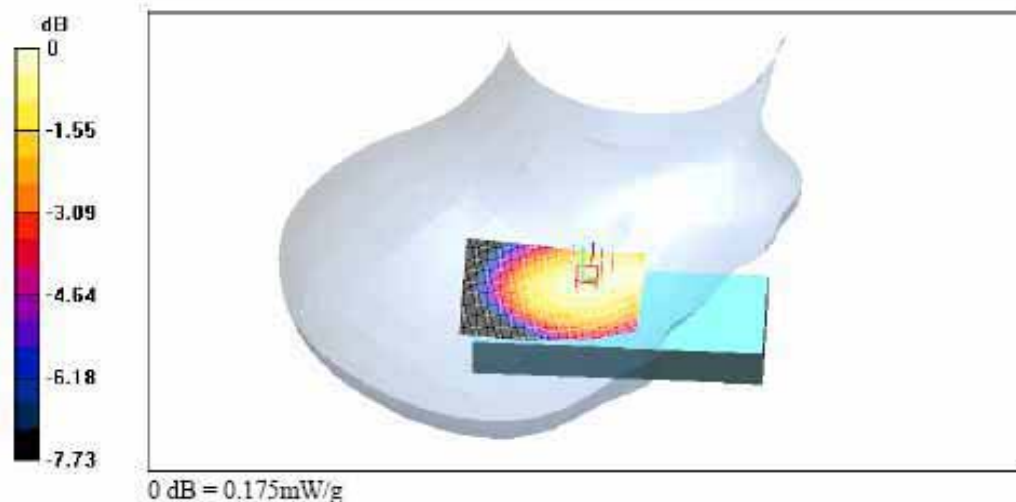
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.36 V/m; Power Drift = -0.005 dB

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

Peak SAR (extrapolated) = 0.205 W/kg

SAR(1 g) = 0.166 mW/g



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Date/Time: 02/07/06 15:39:44

Test Laboratory: ESTECH

CH363 LEFT TILT SLIDE UP

DUT: CP-X515; Type: SLIDE ; Serial: XXXX

Communication System: CDMA FCC; Frequency: 835.89 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 835.89$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$

kg/m³

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1750; ConvF(6.57, 6.57, 6.57); Calibrated: 2006-01-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112
- Temperature : 21 °C, Humidity : 49%

Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 8.32 V/m; Power Drift = -0.1 dB

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

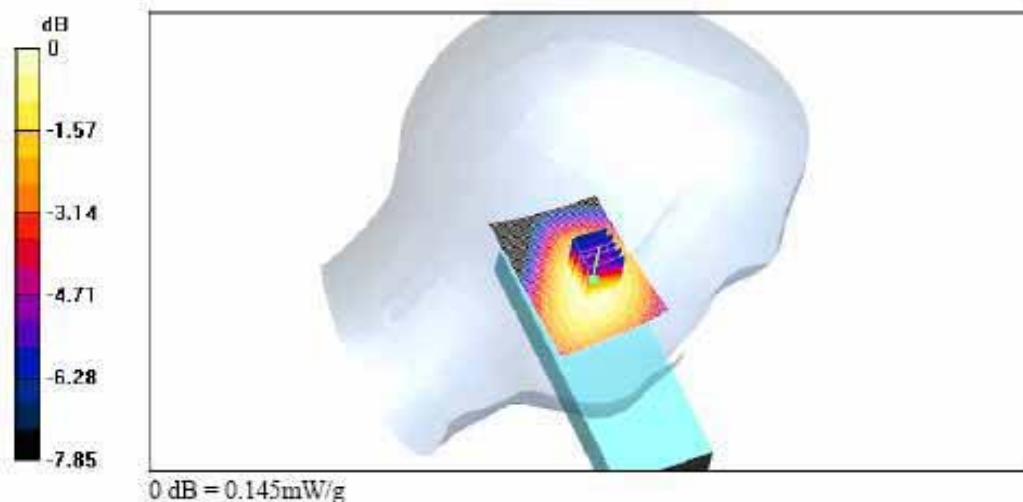
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.32 V/m; Power Drift = -0.1 dB

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

Peak SAR (extrapolated) = 0.165 W/kg

SAR(1 g) = 0.138 mW/g



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FAX: 82-2-867-3204

Date/Time: 02/07/06 15:14:55

Test Laboratory: ESTECH

CH363 RIGHT TILT SLIDE UP

DUT: CP-X515; Type: SLIDE ; Serial: XXXX

Communication System: CDMA FCC; Frequency: 835.89 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 835.89$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$
kg/m³
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1750; ConvF(6.57, 6.57, 6.57); Calibrated: 2006-01-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112
- Temperature : 22°C, Humidity : 49%

Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 8.59 V/m; Power Drift = -0.007 dB

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

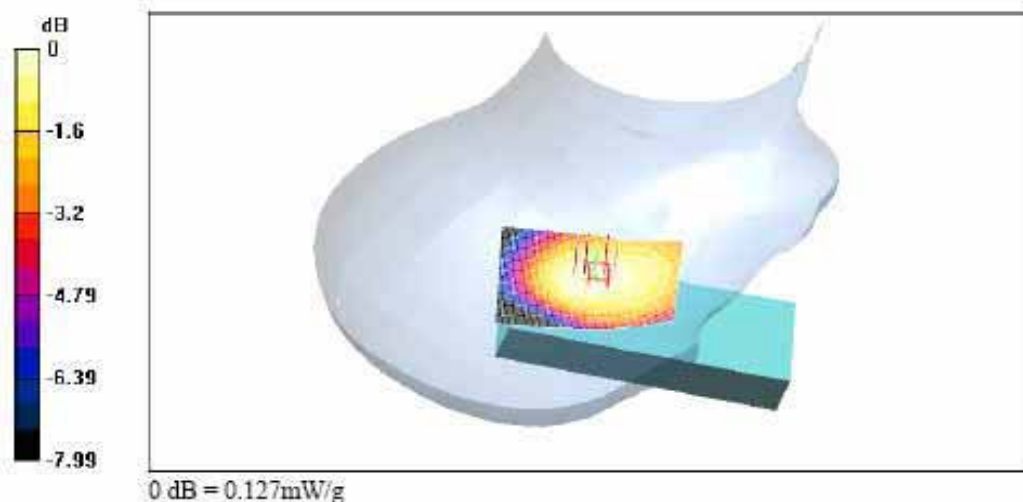
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.59 V/m; Power Drift = -0.007 dB

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

Peak SAR (extrapolated) = 0.145 W/kg

SAR(1 g) = 0.120 mW/g





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Date/Time: 02/07/06 13:53:12

Test Laboratory: ESTECH

CH363 LEFT TOUCH SLIDE IN-ZSCAN

DUT: CP-X515; Type: SLIDE ; Serial: XXXX

Communication System: CDMA FCC; Frequency: 835.89 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 835.89$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$

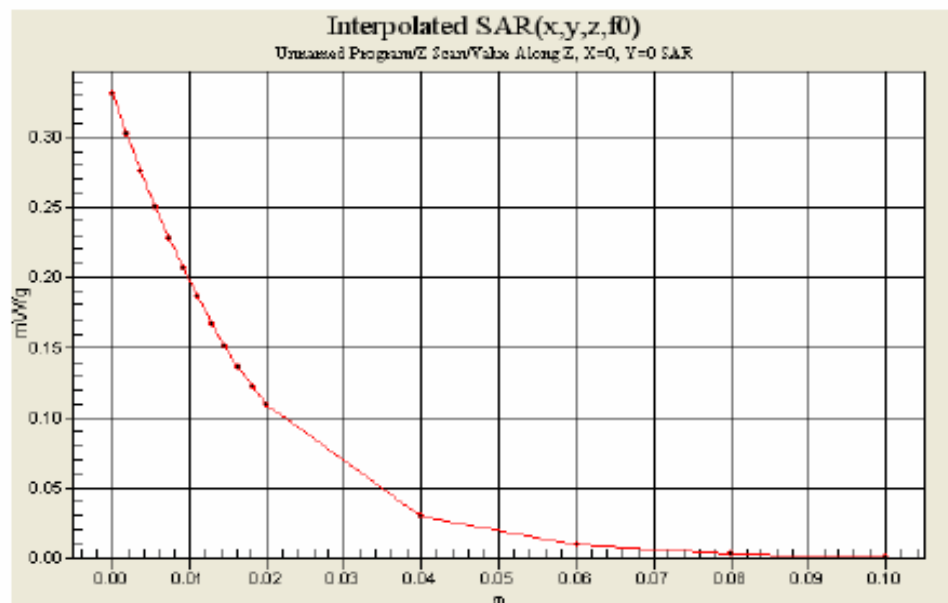
kg/m³

Phantom section: Left Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1750; ConvF(6.57, 6.57, 6.57); Calibrated: 2006-01-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112
- Temperature : 21 °C, Humidity : 46%



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Date/Time: 02/07/06 18:25:44

Test Laboratory: ESTECH

CH1013 BODY SLIDE IN

DUT: CP-X515; Type: SLIDE ; Serial: XXXX

Communication System: CDMA FCC; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1750; ConvF(6.17, 6.17, 6.17); Calibrated: 2006-01-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112
- Temperature : 21 °C, Humidity : 48%

Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 24.8 V/m; Power Drift = -0.0 dB

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

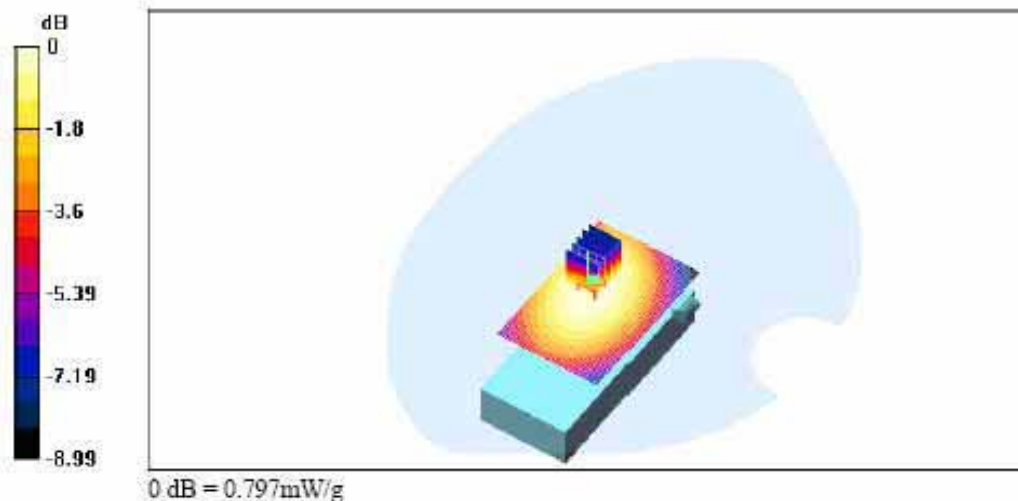
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.8 V/m; Power Drift = -0.0 dB

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

Peak SAR (extrapolated) = 0.998 W/kg

SAR(1 g) = 0.756 mW/g



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Test Laboratory: ESTECH

CH363 BODY SLIDE IN

DUT: CP-X515; Type: SLIDE ; Serial: XXXX

Communication System: CDMA FCC; Frequency: 835.89 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 835.89$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1750; ConvF(6.17, 6.17, 6.17); Calibrated: 2006-01-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112
- Temperature : 21 °C, Humidity : 48%

Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 24.5 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 0.928 mW/g

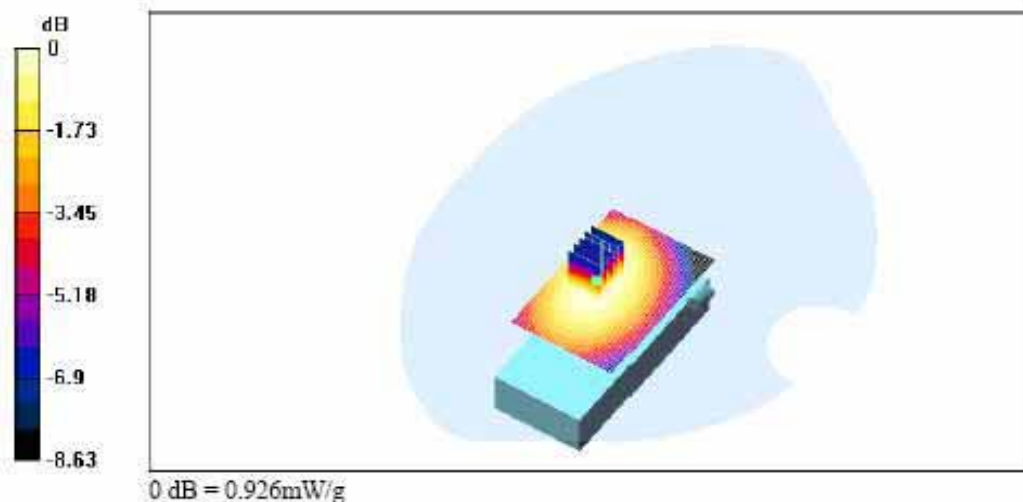
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.5 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.926 mW/g

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.874 mW/g



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Test Laboratory: ESTECH

CH777 BODY SLIDE IN

DUT: CP-X515; Type: SLIDE ; Serial: XXXX

Communication System: CDMA FCC; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1750; ConvF(6.17, 6.17, 6.17); Calibrated: 2006-01-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112
- Temperature : 21 °C, Humidity : 48%

Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 24 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.817 mW/g

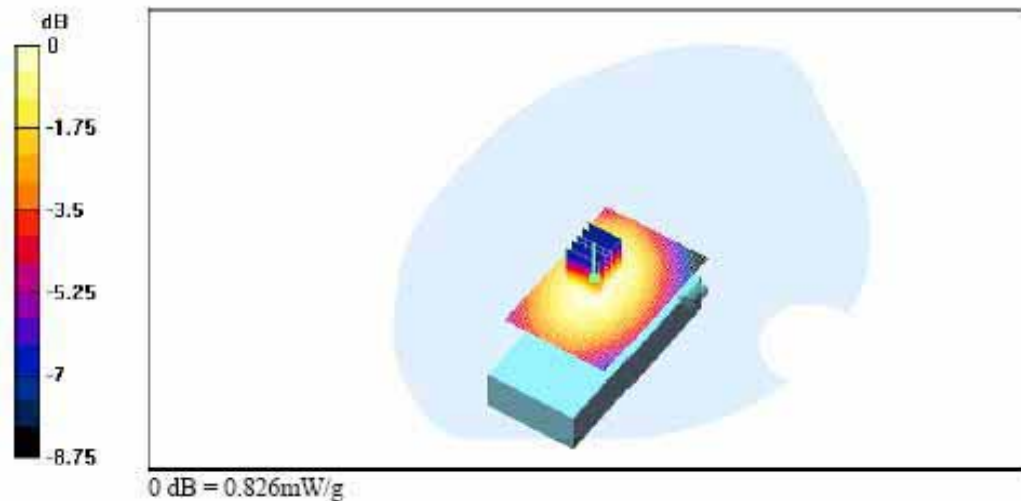
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.826 mW/g

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.779 mW/g



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CH363 BODY SLIDE UP

DUT: CP-X515; Type: SLIDE ; Serial: XXXX

Communication System: CDMA FCC; Frequency: 835.89 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 835.89$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1750; ConvF(6.17, 6.17, 6.17); Calibrated: 2006-01-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112
- Temperature : 21 °C, Humidity : 46%

Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.23 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.642 mW/g

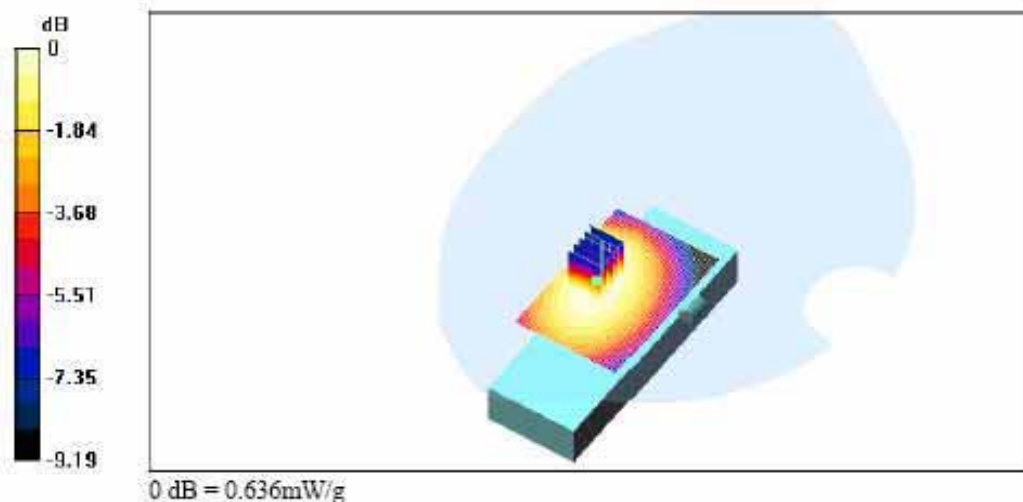
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.23 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.636 mW/g

Peak SAR (extrapolated) = 0.797 W/kg

SAR(1 g) = 0.601 mW/g



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Test Laboratory: ESTECH

CH363 BODY SLIDE IN-STANDARD BATTERY

DUT: CP-X515; Type: SLIDE ; Serial: XXXX

Communication System: CDMA FCC; Frequency: 835.89 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 835.89$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1750; ConvF(6.17, 6.17, 6.17); Calibrated: 2006-01-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112
- Temperature : 21 °C, Humidity : 49%

Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 27 V/m; Power Drift = 0.007 dB

Maximum value of SAR (interpolated) = 0.898 mW/g

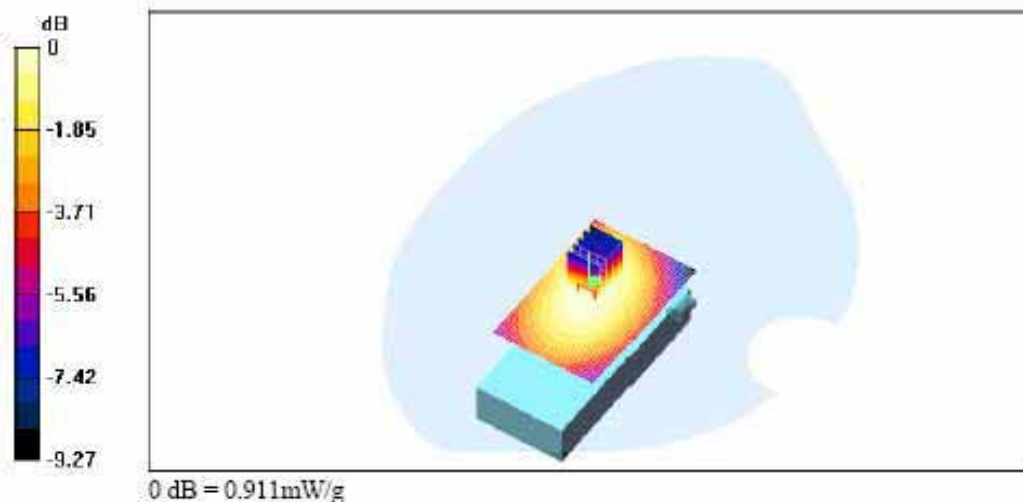
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27 V/m; Power Drift = 0.007 dB

Maximum value of SAR (measured) = 0.911 mW/g

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.861 mW/g



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Test Laboratory: ESTECH

CH363 BODY SLIDE IN-ZSCAN

DUT: CP-X515; Type: SLIDE ; Serial: XXXX

Communication System: CDMA FCC; Frequency: 835.89 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 835.89$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1750; ConvF(6.17, 6.17, 6.17); Calibrated: 2006-01-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112
- Temperature : 21 °C, Humidity : 48%

