

Test Laboratory: Compliance Certification Services

## Panasonic Laptop

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 55$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XRTT - ch 25/Area Scan (5x8x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.975 mW/g

**CDMA 2000 - 1XRTT - ch 25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

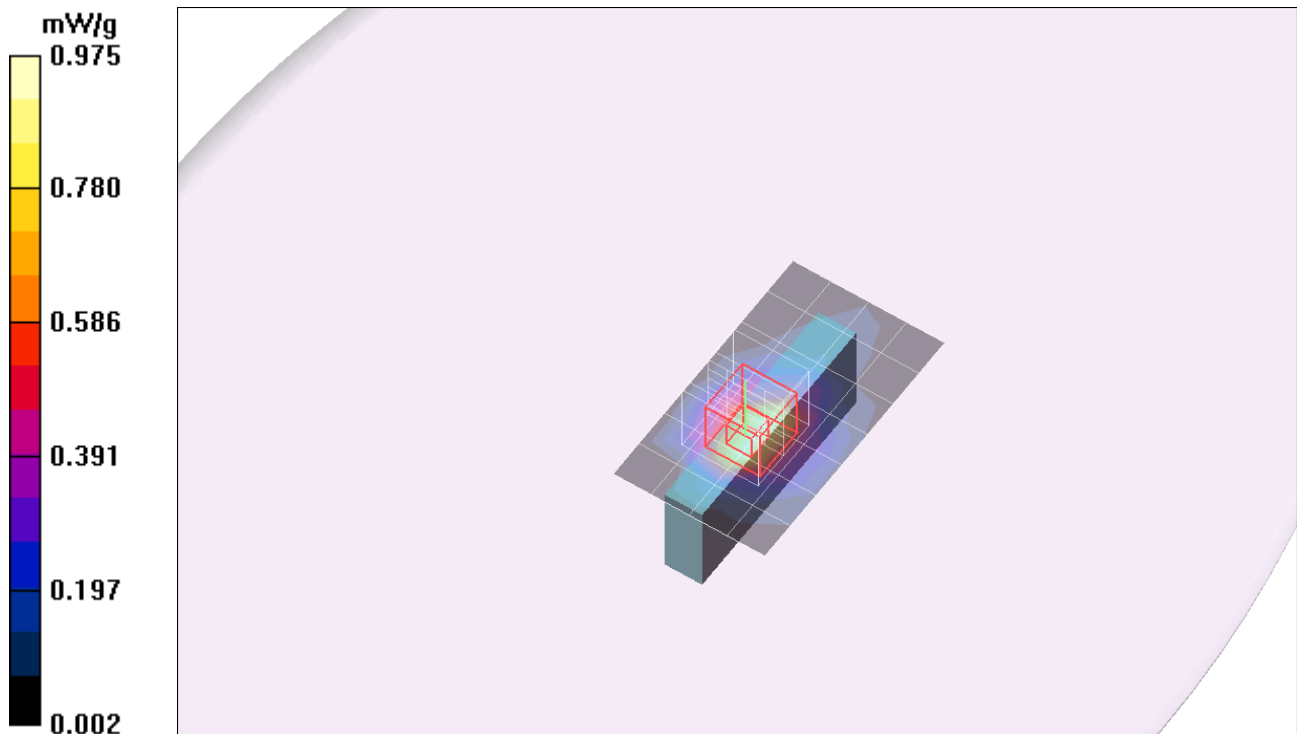
Reference Value = 27.7 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 1.45 W/kg

**SAR(1 g) = 0.933 mW/g; SAR(10 g) = 0.518 mW/g**

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

Maximum value of SAR (measured) = 1.05 mW/g



Test Laboratory: Compliance Certification Services

## Panasonic Laptop

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 54.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XRTT - ch 600/Area Scan (5x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.849 mW/g

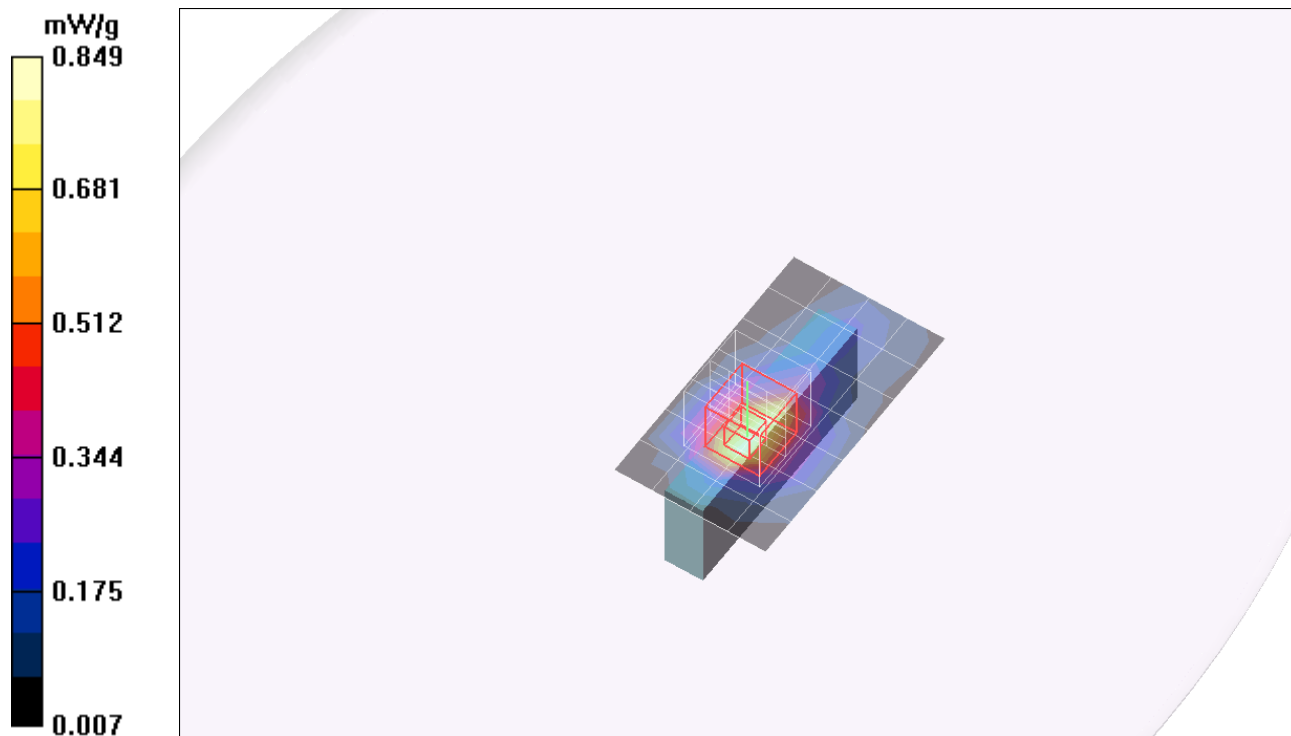
**CDMA 2000 - 1XRTT - ch 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 26.0 V/m; Power Drift = -0.117 dB

Peak SAR (extrapolated) = 1.34 W/kg

**SAR(1 g) = 0.858 mW/g; SAR(10 g) = 0.476 mW/g**

Maximum value of SAR (measured) = 0.954 mW/g



Test Laboratory: Compliance Certification Services

## Panasonic Laptop

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 54.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

### CDMA 2000 - 1XRTT - ch 1175/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.674 mW/g

### CDMA 2000 - 1XRTT - ch 1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

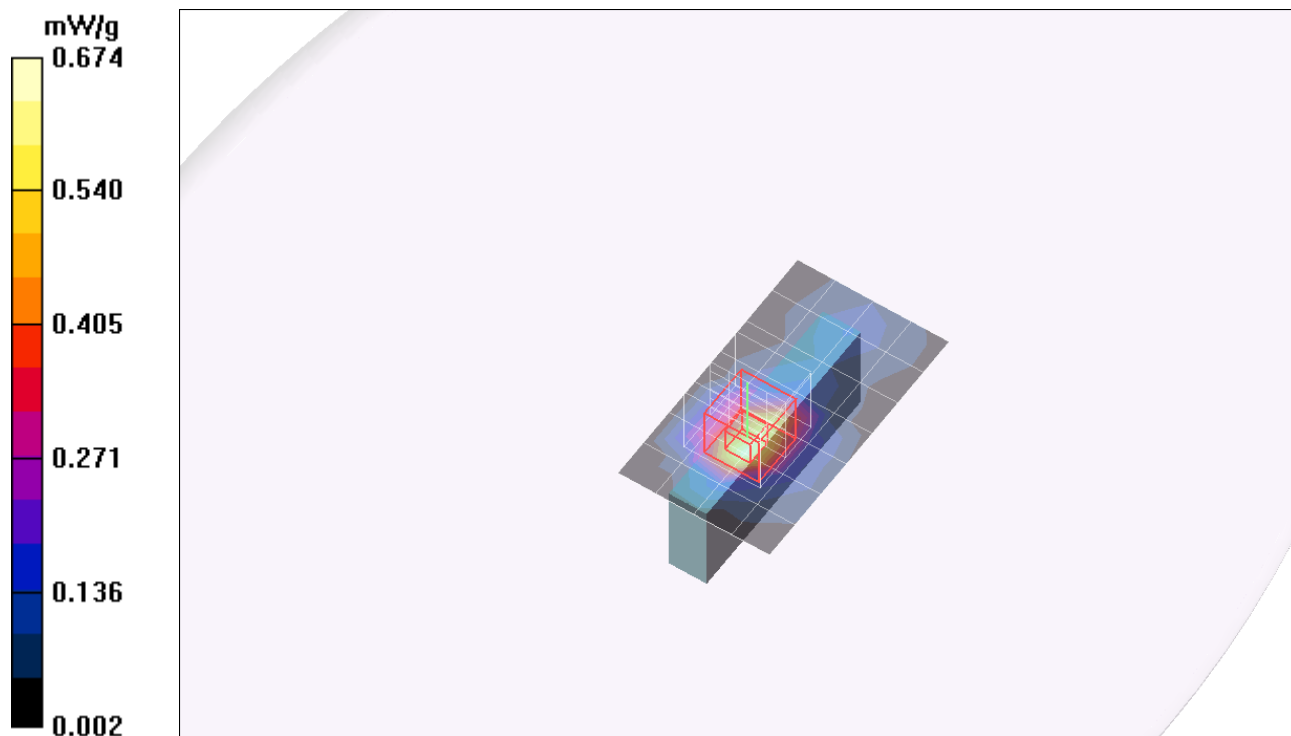
Reference Value = 21.9 V/m; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.644 mW/g; SAR(10 g) = 0.342 mW/g**

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

Maximum value of SAR (measured) = 0.722 mW/g



Test Laboratory: Compliance Certification Services

## Panasonic Laptop

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 55$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XEVD0 Rel 0 - ch 25/Area Scan (5x8x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.949 mW/g

**CDMA 2000 - 1XEVD0 Rel 0 - ch 25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

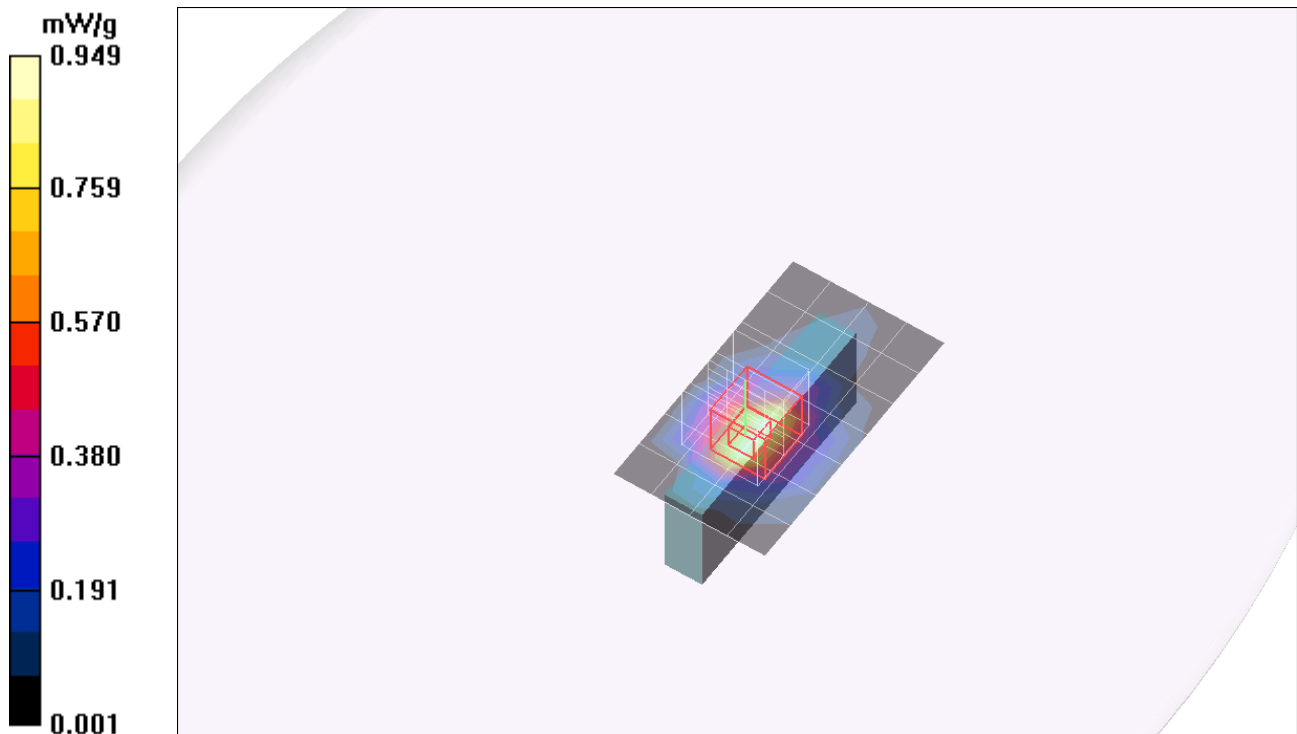
Reference Value = 27.1 V/m; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.834 mW/g; SAR(10 g) = 0.477 mW/g**

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

Maximum value of SAR (measured) = 0.927 mW/g



Test Laboratory: Compliance Certification Services

## Panasonic Laptop

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.48 \text{ mho/m}$ ;  $\epsilon_r = 54.9$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XEVD0 Rel 0 - ch 600/Area Scan (5x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.18 mW/g

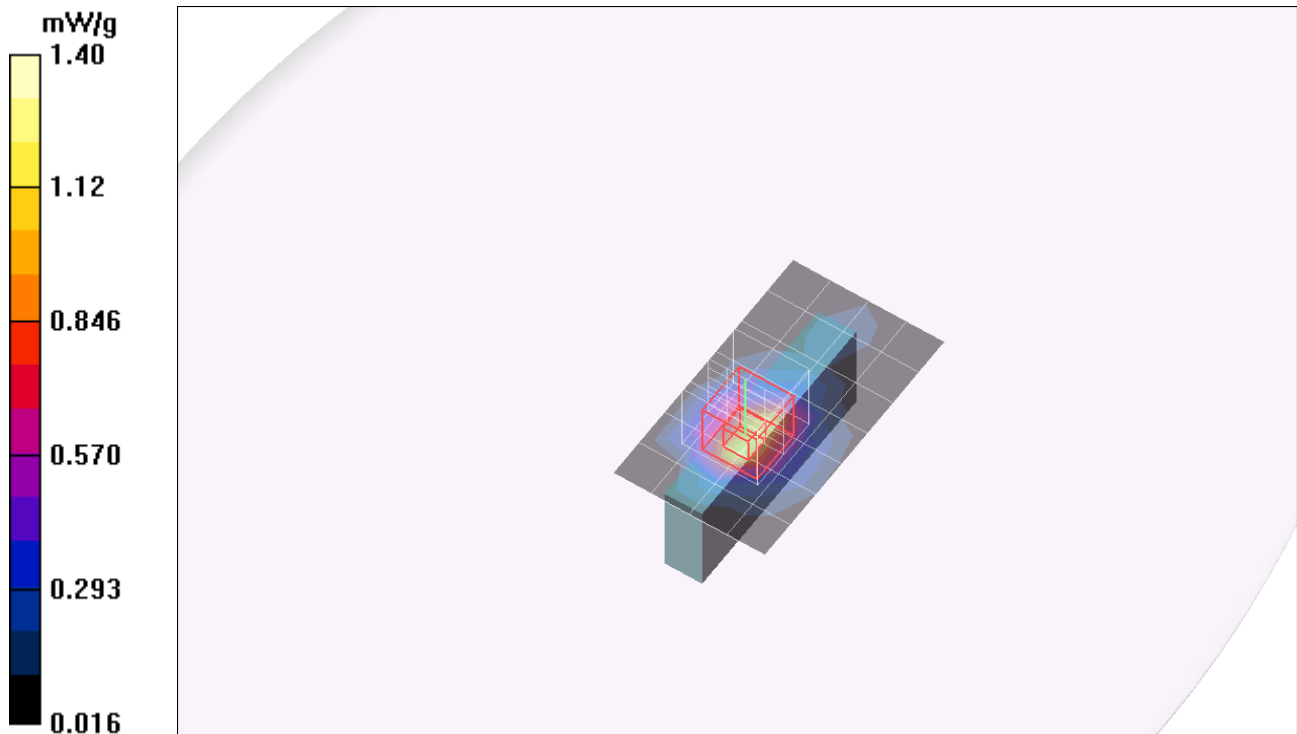
**CDMA 2000 - 1XEVD0 Rel 0 - ch 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 28.7 V/m; Power Drift = 0.091 dB

Peak SAR (extrapolated) = 2.00 W/kg

**SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.666 mW/g**

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



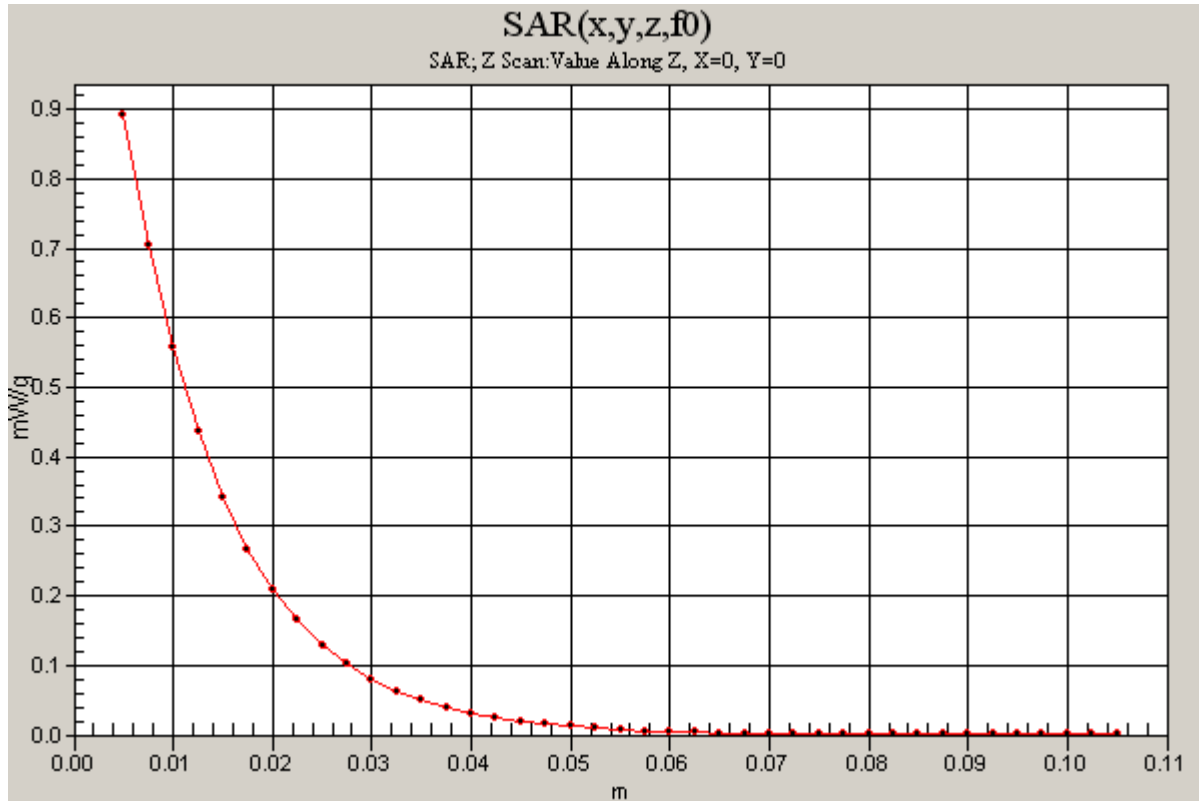
Test Laboratory: Compliance Certification Services

## Panasonic Laptop

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

**CDMA 2000 - 1XEVD0 Rel 0 - ch 600/Z Scan (1x1x41):** Measurement grid: dx=20mm, dy=20mm, dz=2.5mm  
Maximum value of SAR (measured) = 0.892 mW/g



Test Laboratory: Compliance Certification Services

## Panasonic Laptop

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 54.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XEVD0 Rel 0 - ch 1175/Area Scan (5x8x1):** Measurement grid: dx=15mm, dy=15mm

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

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

**CDMA 2000 - 1XEVD0 Rel 0 - ch 1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

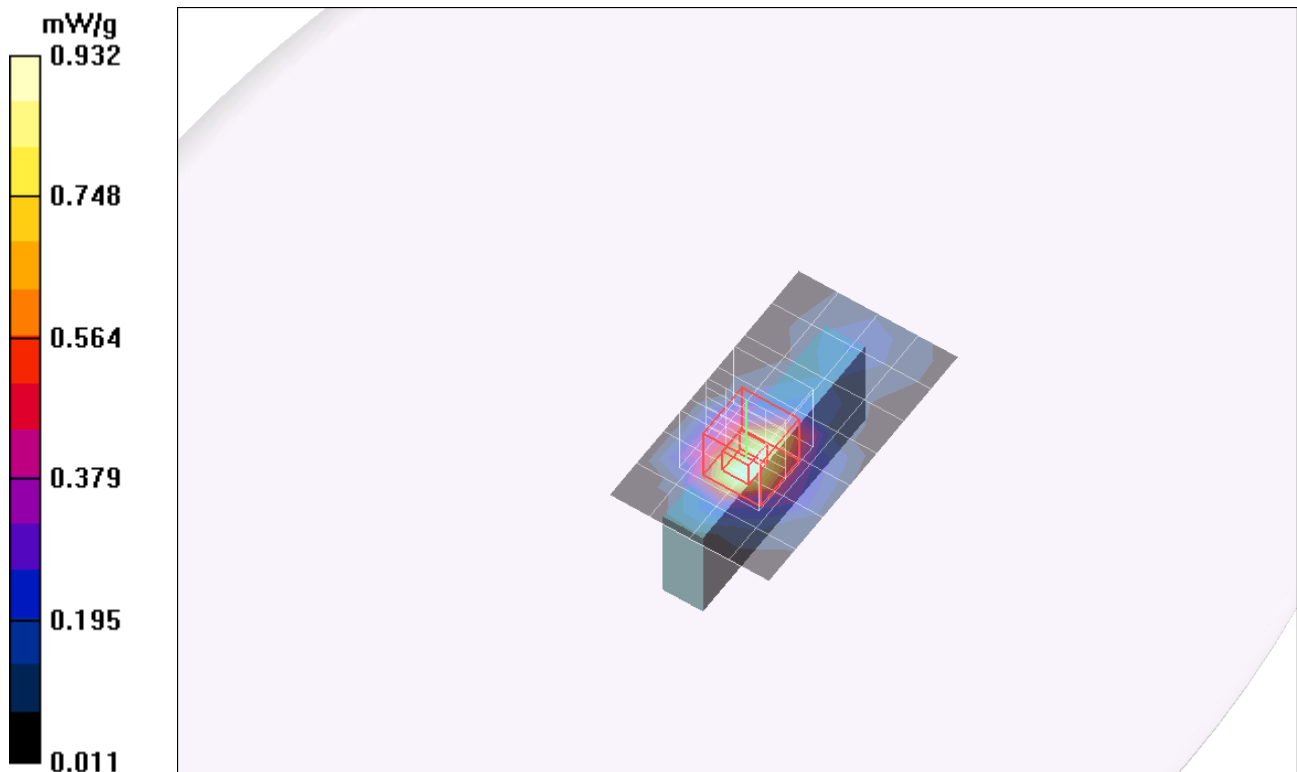
Reference Value = 29.8 V/m; Power Drift = -0.129 dB

Peak SAR (extrapolated) = 1.35 W/kg

**SAR(1 g) = 0.827 mW/g; SAR(10 g) = 0.439 mW/g**

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

Maximum value of SAR (measured) = 0.932 mW/g



Test Laboratory: Compliance Certification Services

## Panasonic Laptop

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 55$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

### CDMA 2000 - 1XEVD0 Rev A - ch 25/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.932 mW/g

### CDMA 2000 - 1XEVD0 Rev A - ch 25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

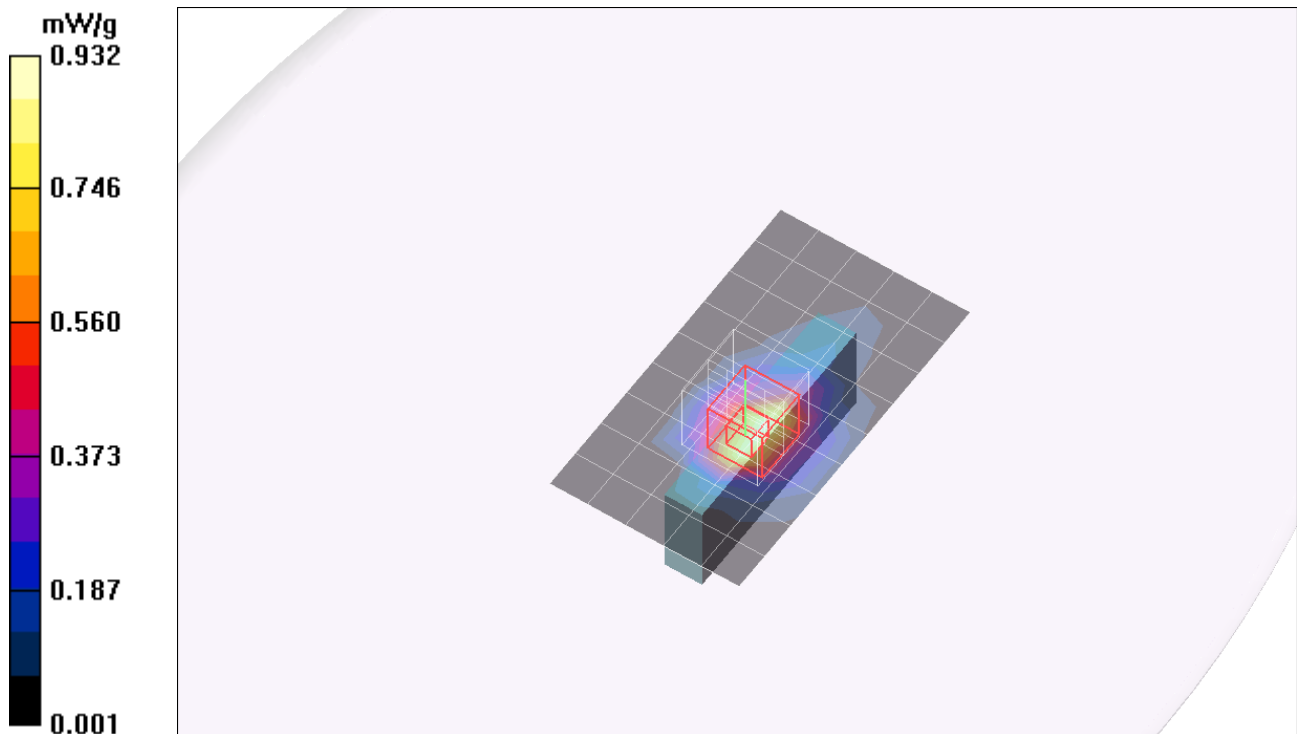
Reference Value = 24.6 V/m; Power Drift = -0.201 dB

Peak SAR (extrapolated) = 1.42 W/kg

**SAR(1 g) = 0.903 mW/g; SAR(10 g) = 0.501 mW/g**

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

Maximum value of SAR (measured) = 1.02 mW/g





Test Laboratory: Compliance Certification Services

## Panasonic Laptop

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.48 \text{ mho/m}$ ;  $\epsilon_r = 54.9$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XEVD0 Rev A - ch 600/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

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

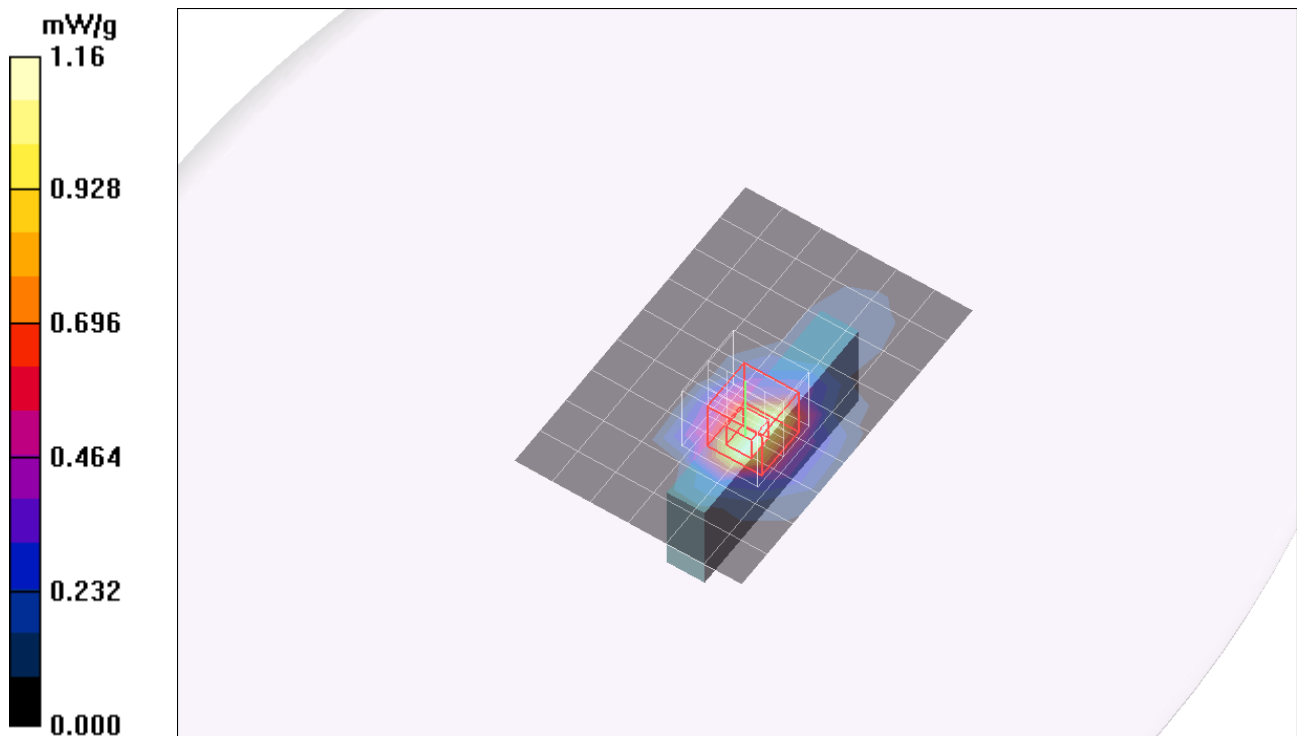
**CDMA 2000 - 1XEVD0 Rev A - ch 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 3.88 V/m; Power Drift = 0.120 dB

Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.762 mW/g; SAR(10 g) = 0.416 mW/g**

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



Test Laboratory: Compliance Certification Services

## Panasonic Laptop

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 54.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XEVD0 Rev A - ch 1175/Area Scan (5x8x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.795 mW/g

**CDMA 2000 - 1XEVD0 Rev A - ch 1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

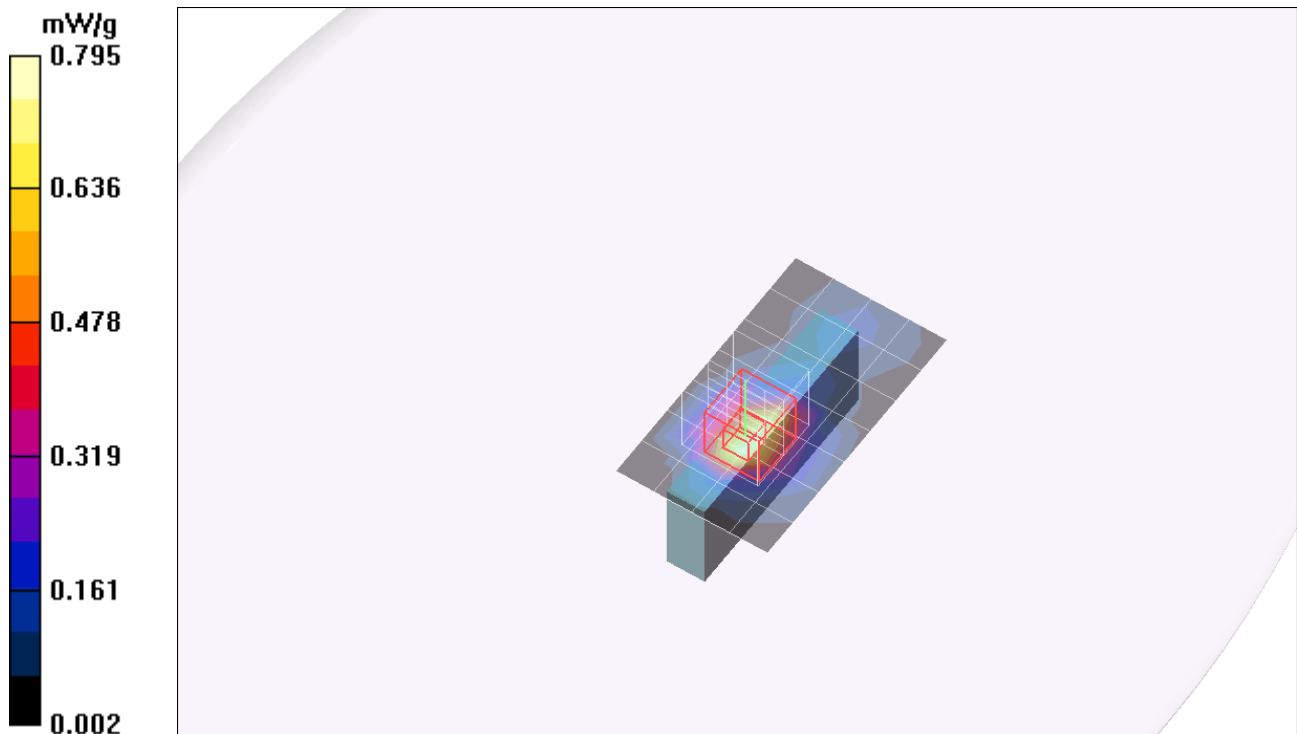
Reference Value = 25.0 V/m; Power Drift = -0.106 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.731 mW/g; SAR(10 g) = 0.387 mW/g**

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

Maximum value of SAR (measured) = 0.825 mW/g



Test Laboratory: Compliance Certification Services

## Panasonic Laptop - side open

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 54.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XRTT - ch 600/Area Scan (10x6x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.561 mW/g

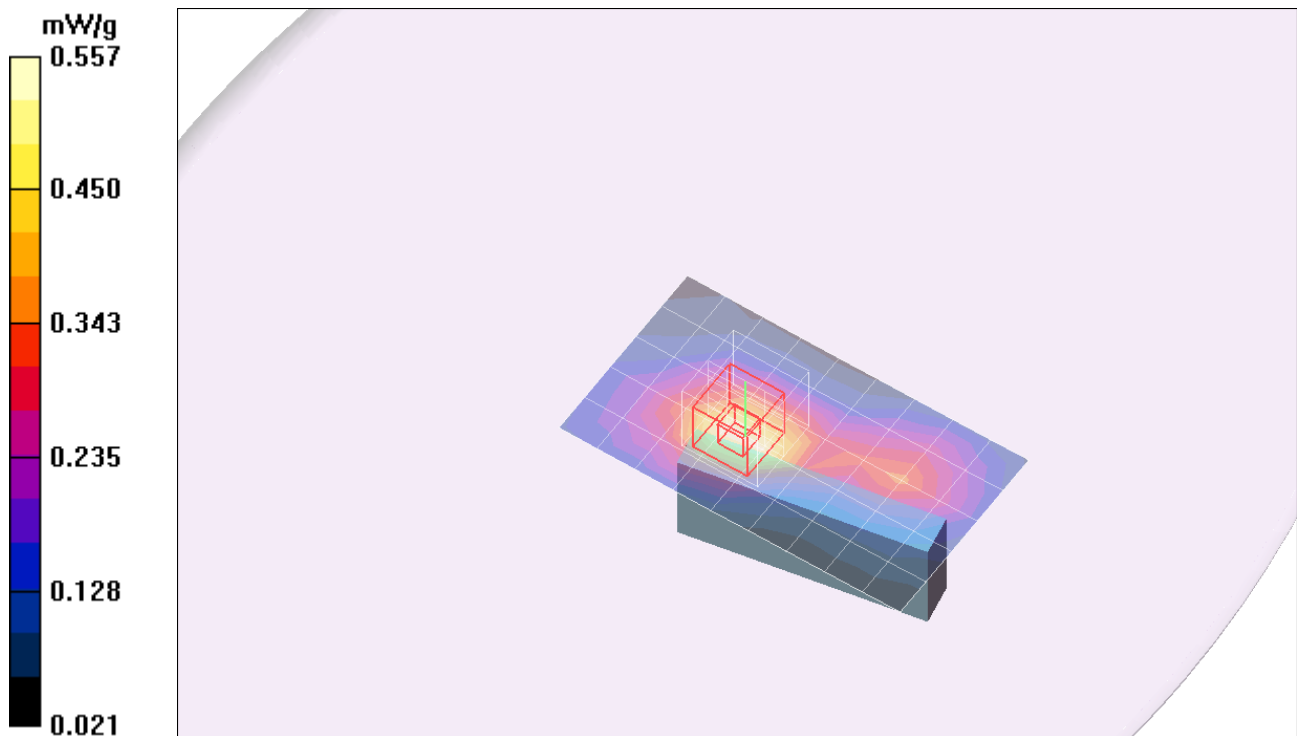
**CDMA 2000 - 1XRTT - ch 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 22.2 V/m; Power Drift = -0.128 dB

Peak SAR (extrapolated) = 0.763 W/kg

**SAR(1 g) = 0.511 mW/g; SAR(10 g) = 0.312 mW/g**

Maximum value of SAR (measured) = 0.557 mW/g



Test Laboratory: Compliance Certification Services

## Panasonic Laptop - side open

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 54.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XEVD0 Rel 0 - ch 600/Area Scan (10x6x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.559 mW/g

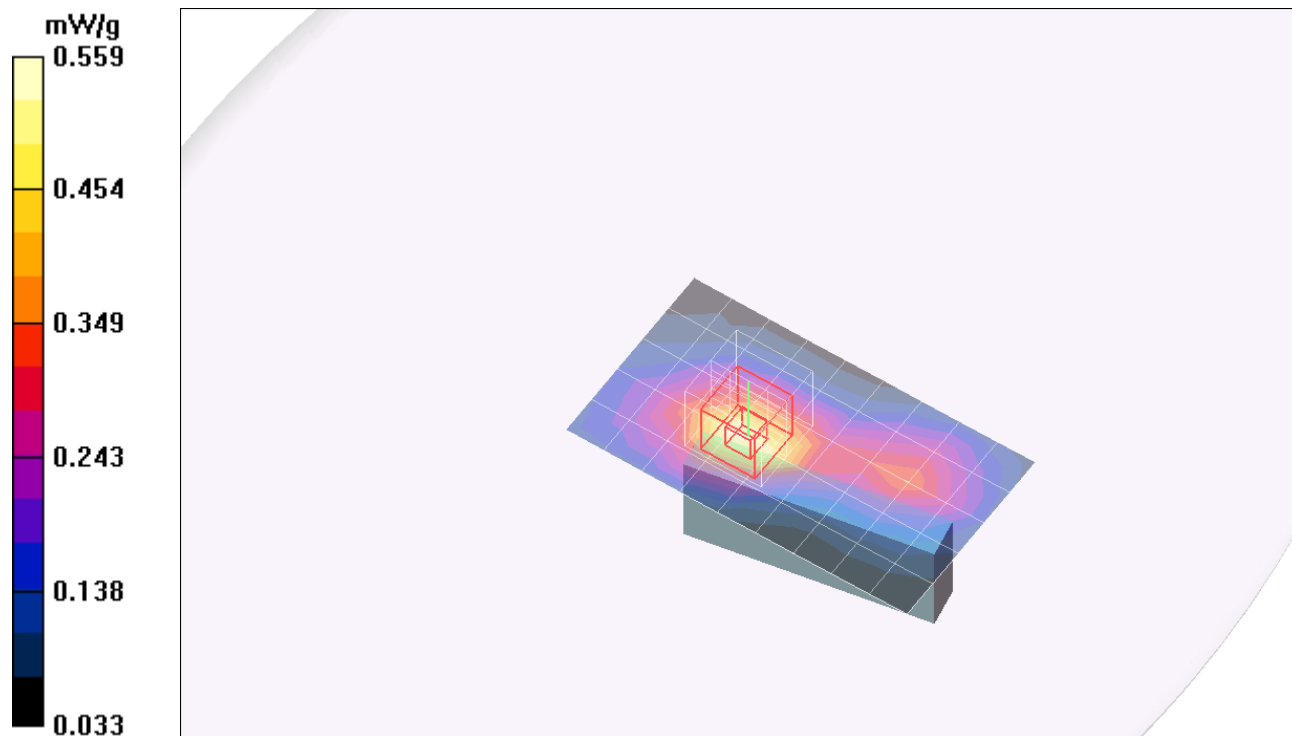
**CDMA 2000 - 1XEVD0 Rel 0 - ch 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 16.7 V/m; Power Drift = -0.198 dB

Peak SAR (extrapolated) = 0.774 W/kg

**SAR(1 g) = 0.517 mW/g; SAR(10 g) = 0.316 mW/g**

Maximum value of SAR (measured) = 0.568 mW/g



Test Laboratory: Compliance Certification Services

## Panasonic Laptop - side open

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.48 \text{ mho/m}$ ;  $\epsilon_r = 54.9$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XEVD0 Rev A - ch 600/Area Scan (10x6x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.570 mW/g

**CDMA 2000 - 1XEVD0 Rev A - ch 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

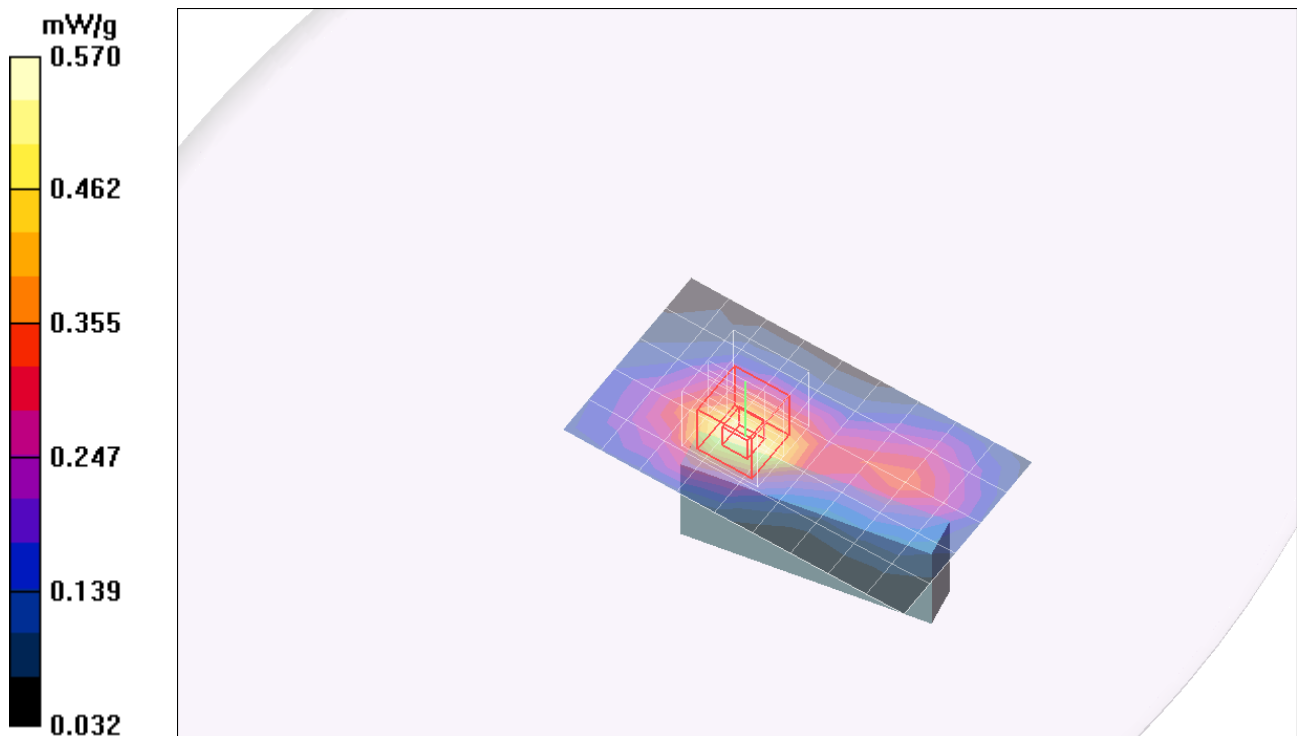
$dx=7.5\text{mm}$ ,  $dy=7.5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 21.1 V/m; Power Drift = 0.129 dB

Peak SAR (extrapolated) = 0.789 W/kg

**SAR(1 g) = 0.525 mW/g; SAR(10 g) = 0.320 mW/g**

Maximum value of SAR (measured) = 0.579 mW/g



Test Laboratory: Compliance Certification Services

## Sony Vaio Laptop - Horizontal

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 55$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XRTT - ch 25/Area Scan (8x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.710 mW/g

**CDMA 2000 - 1XRTT - ch 25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

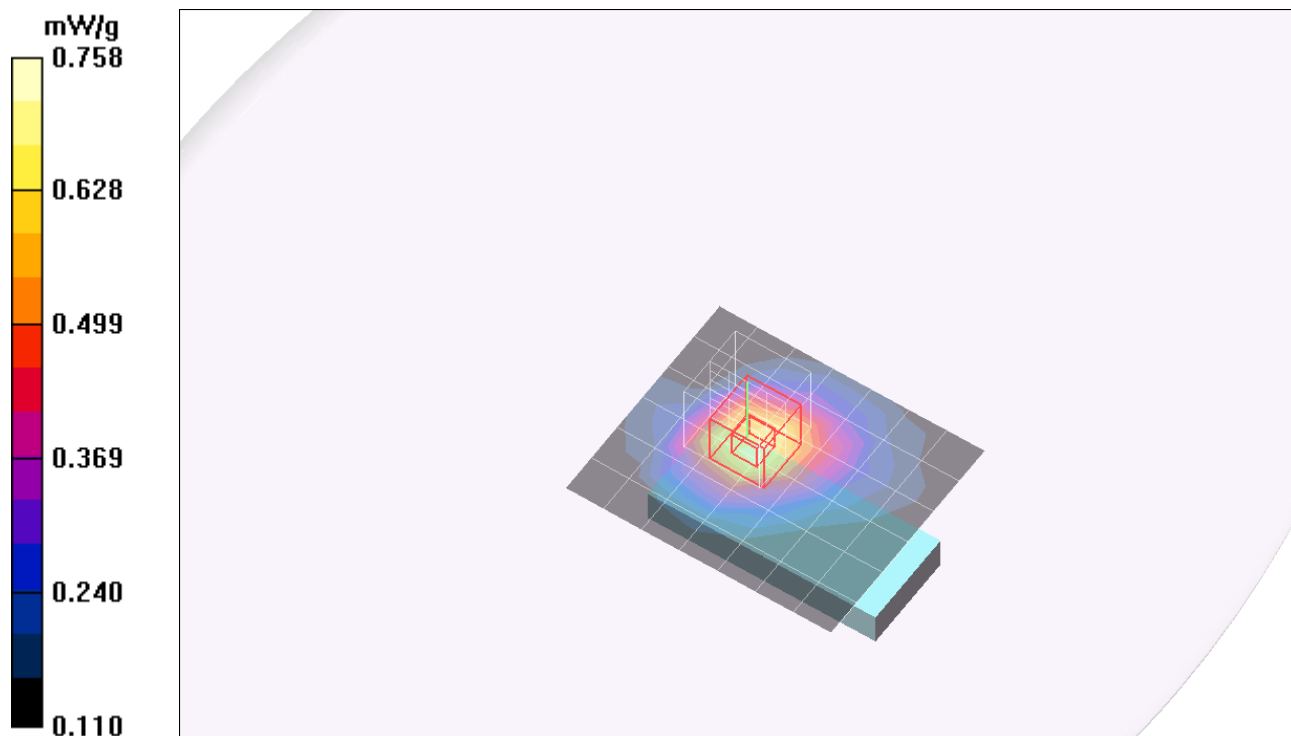
Reference Value = 26.0 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 0.954 W/kg

**SAR(1 g) = 0.701 mW/g; SAR(10 g) = 0.466 mW/g**

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

Maximum value of SAR (measured) = 0.758 mW/g



Test Laboratory: Compliance Certification Services

## Sony Vaio Laptop - Horizontal

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 54.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XRTT - ch 600/Area Scan (10x7x1):** Measurement grid: dx=15mm, dy=15mm

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

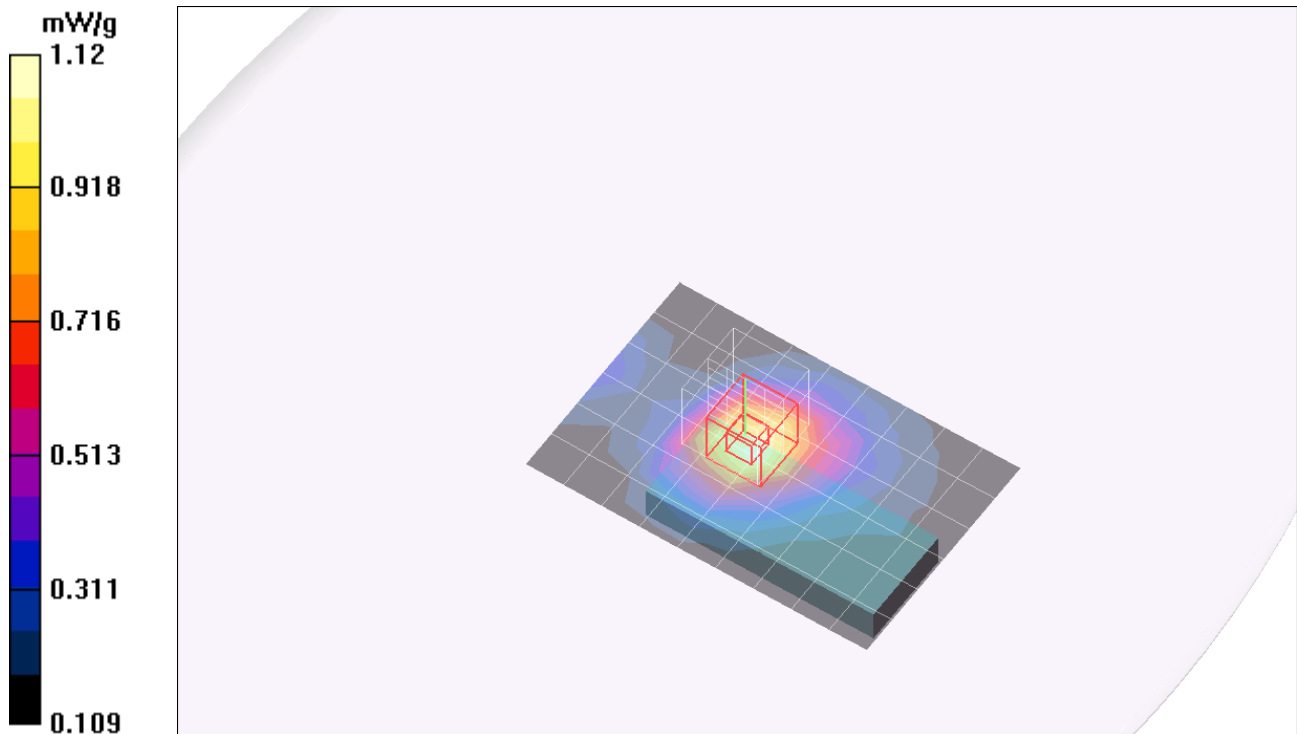
**CDMA 2000 - 1XRTT - ch 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 15.7 V/m; Power Drift = -0.157 dB

Peak SAR (extrapolated) = 1.47 W/kg

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.673 mW/g**

Maximum value of SAR (measured) = 1.10 mW/g



Test Laboratory: Compliance Certification Services

## Sony Vaio Laptop - Horizontal

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 54.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

### CDMA 2000 - 1XRTT - ch 1175/Area Scan (8x7x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.672 mW/g

### CDMA 2000 - 1XRTT - ch 1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

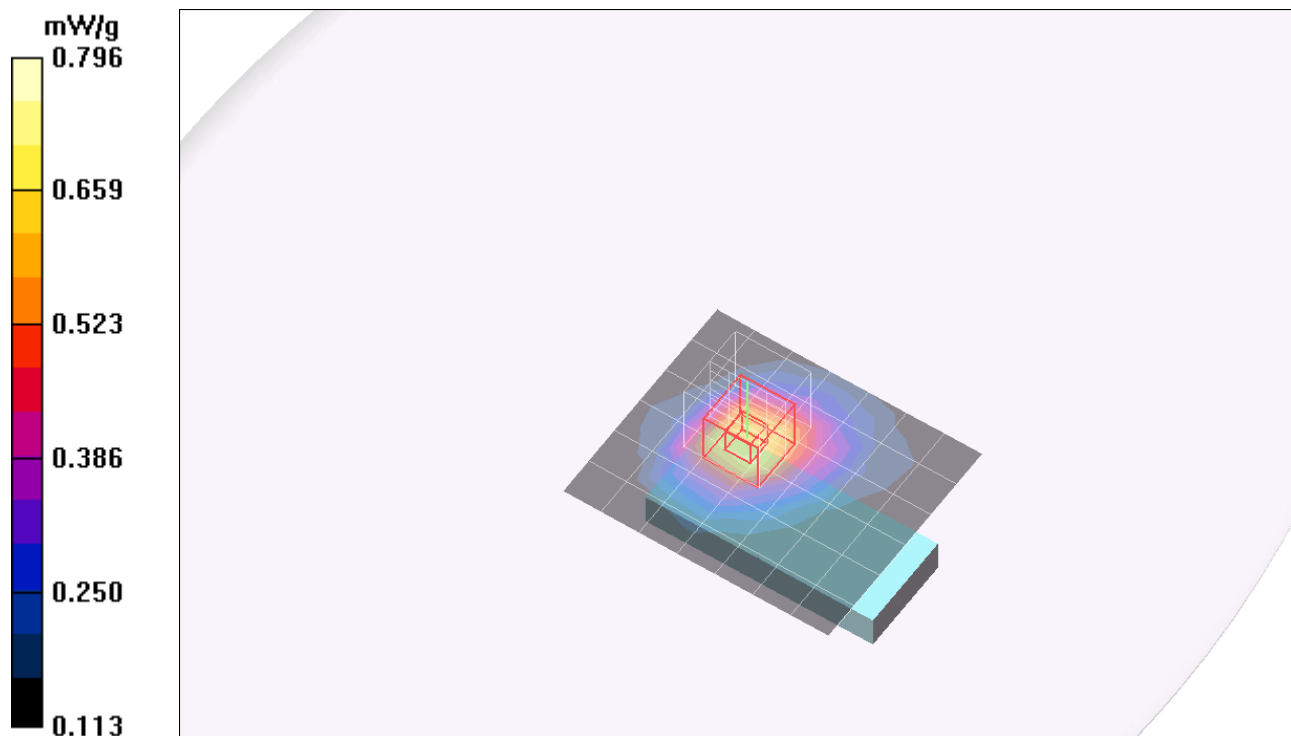
Reference Value = 23.7 V/m; Power Drift = -0.102 dB

Peak SAR (extrapolated) = 0.991 W/kg

**SAR(1 g) = 0.731 mW/g; SAR(10 g) = 0.480 mW/g**

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

Maximum value of SAR (measured) = 0.796 mW/g





Test Laboratory: Compliance Certification Services

## Sony Vaio Laptop Horizontal

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 54.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XEVD0 Rel 0 - ch 25/Area Scan (8x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.733 mW/g

**CDMA 2000 - 1XEVD0 Rel 0 - ch 25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

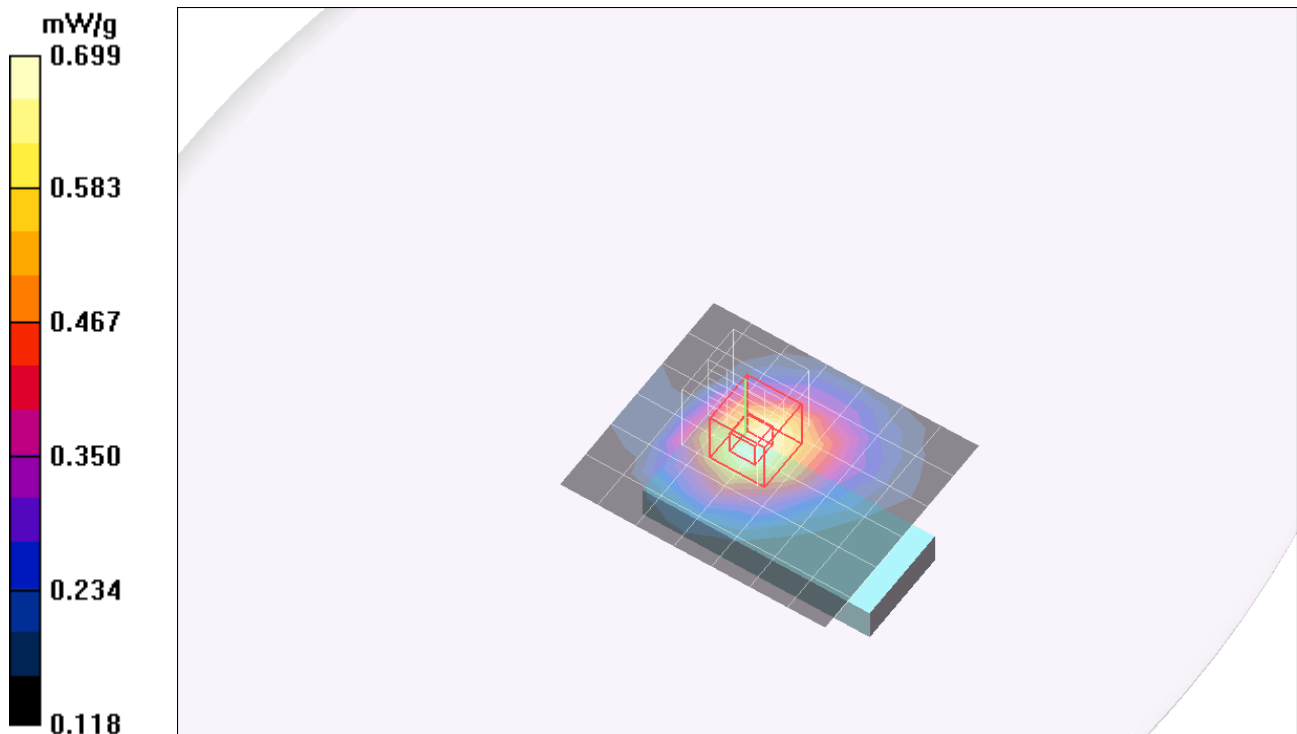
Reference Value = 13.3 V/m; Power Drift = -0.157 dB

Peak SAR (extrapolated) = 0.897 W/kg

**SAR(1 g) = 0.658 mW/g; SAR(10 g) = 0.447 mW/g**

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

Maximum value of SAR (measured) = 0.699 mW/g



Test Laboratory: Compliance Certification Services

## Sony Vaio Laptop Horizontal

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.55 \text{ mho/m}$ ;  $\epsilon_r = 54.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XEVD0 Rel 0 - ch 600/Area Scan (10x7x1):** Measurement grid: dx=15mm, dy=15mm

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

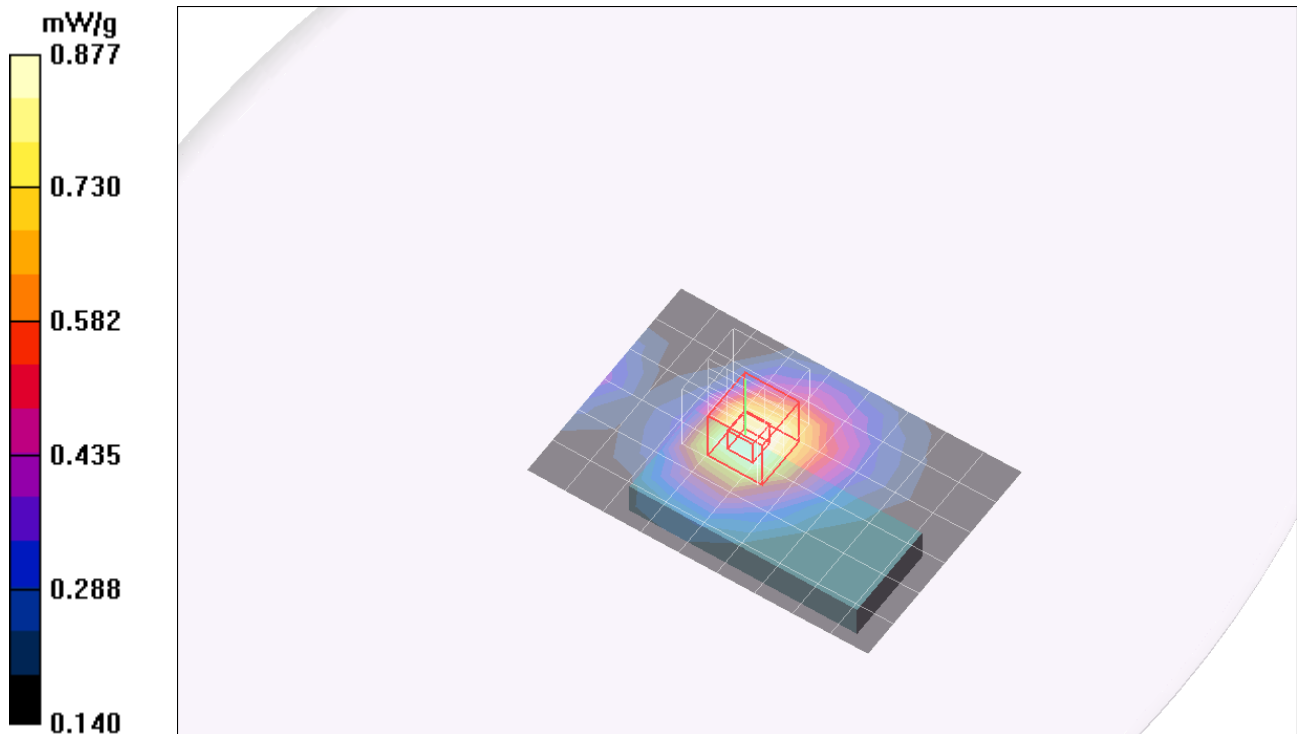
**CDMA 2000 - 1XEVD0 Rel 0 - ch 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 14.6 V/m; Power Drift = -0.156 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.823 mW/g; SAR(10 g) = 0.559 mW/g**

Maximum value of SAR (measured) = 0.877 mW/g



Test Laboratory: Compliance Certification Services

## Sony Vaio Laptop Horizontal

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.58$  mho/m;  $\epsilon_r = 54.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

### CDMA 2000 - 1XEVD0 Rel 0 - ch 1175/Area Scan (8x7x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.783 mW/g

### CDMA 2000 - 1XEVD0 Rel 0 - ch 1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm

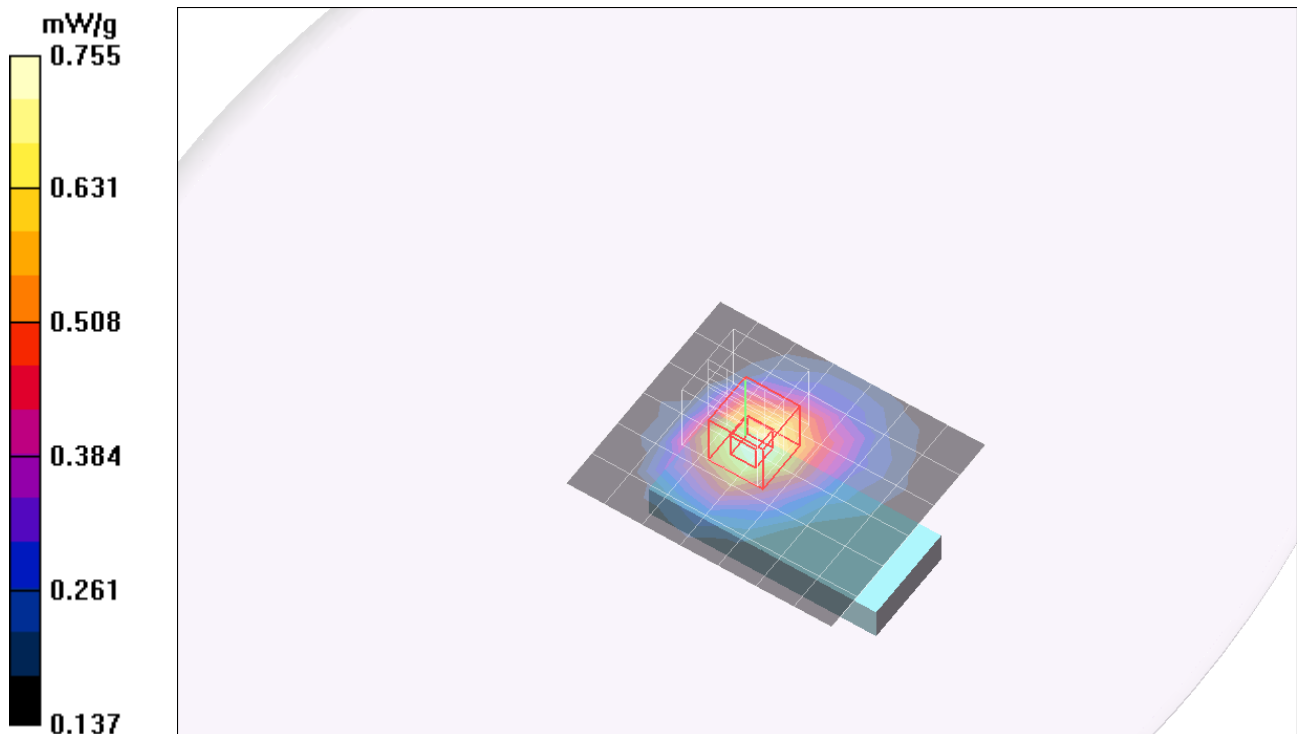
Reference Value = 15.6 V/m; Power Drift = -0.171 dB

Peak SAR (extrapolated) = 0.971 W/kg

**SAR(1 g) = 0.713 mW/g; SAR(10 g) = 0.484 mW/g**

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

Maximum value of SAR (measured) = 0.755 mW/g



Test Laboratory: Compliance Certification Services

## Sony Vaio Laptop Horizontal

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 54.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XEVD0 Rev A - ch 25/Area Scan (8x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.681 mW/g

**CDMA 2000 - 1XEVD0 Rev A - ch 25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

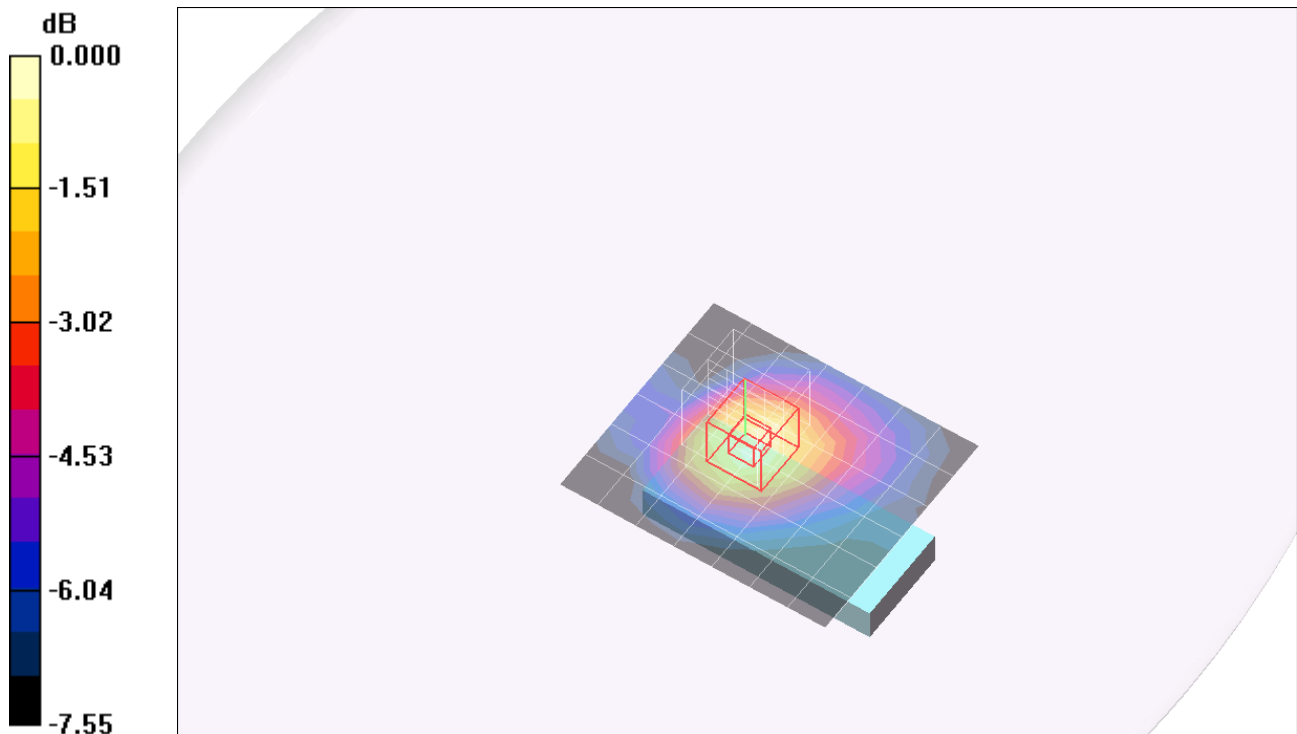
Reference Value = 14.2 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 0.916 W/kg

**SAR(1 g) = 0.669 mW/g; SAR(10 g) = 0.456 mW/g**

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

Maximum value of SAR (measured) = 0.709 mW/g



0 dB = 0.709mW/g

Test Laboratory: Compliance Certification Services

## Sony Vaio Laptop Horizontal

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.55 \text{ mho/m}$ ;  $\epsilon_r = 54.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XEVD0 Rev A - ch 600/Area Scan (8x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.975 mW/g

**CDMA 2000 - 1XEVD0 Rev A - ch 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

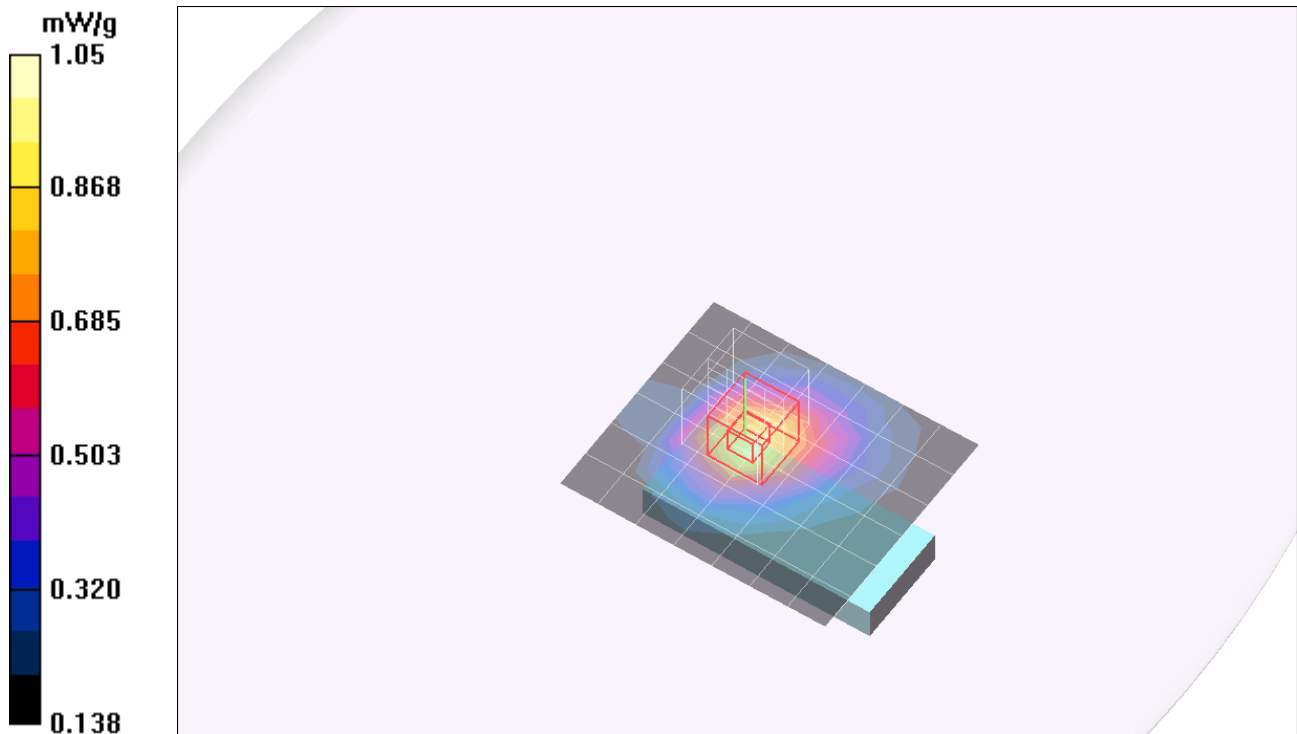
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 16.3 V/m; Power Drift = -0.199 dB

Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 0.974 mW/g; SAR(10 g) = 0.641 mW/g**

Maximum value of SAR (measured) = 1.05 mW/g



Test Laboratory: Compliance Certification Services

## Sony Vaio Laptop Horizontal

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.58$  mho/m;  $\epsilon_r = 54.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

### CDMA 2000 - 1XEVD0 Rev A - ch 1175/Area Scan (8x7x1): Measurement grid: dx=15mm, dy=15mm

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

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

### CDMA 2000 - 1XEVD0 Rev A - ch 1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm

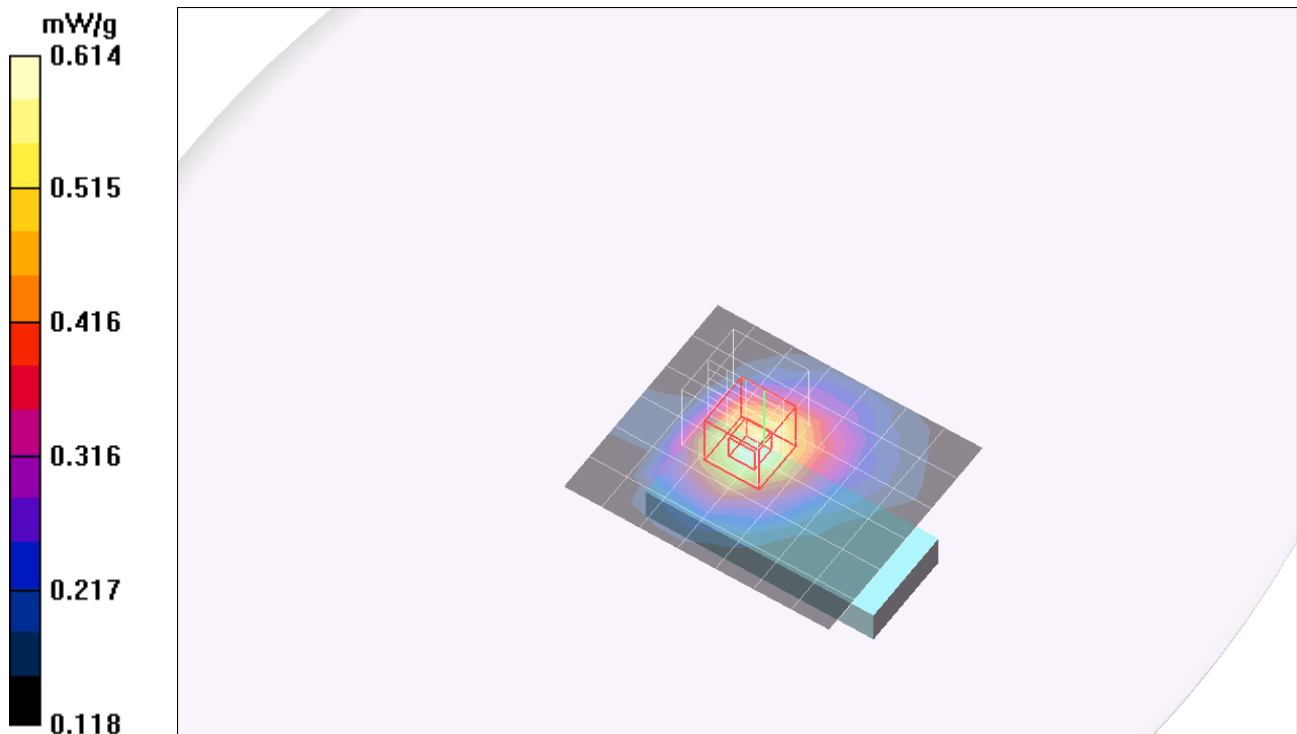
Reference Value = 14.0 V/m; Power Drift = -0.138 dB

Peak SAR (extrapolated) = 0.810 W/kg

**SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.405 mW/g**

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

Maximum value of SAR (measured) = 0.614 mW/g



Test Laboratory: Compliance Certification Services

## Sony Vaio Laptop Vertical

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.55 \text{ mho/m}$ ;  $\epsilon_r = 54.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XRTT - ch 600/Area Scan (10x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.498 mW/g

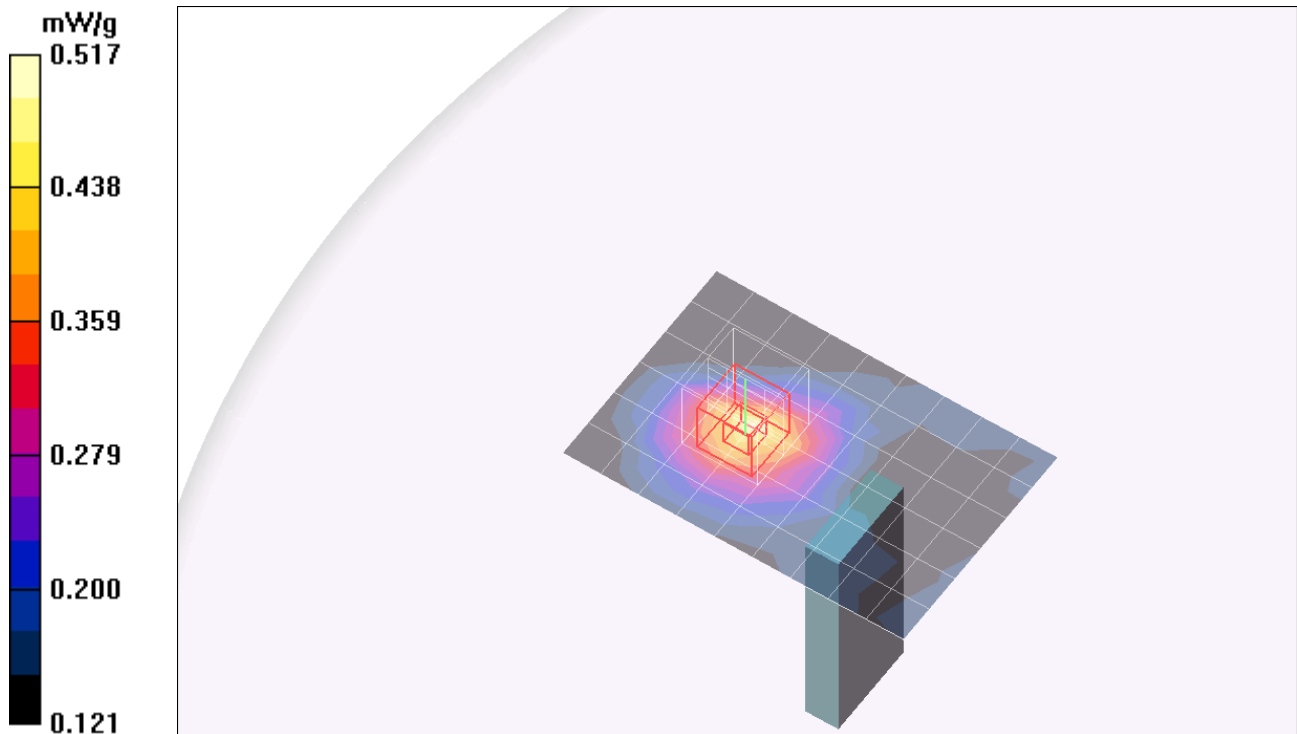
**CDMA 2000 - 1XRTT - ch 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 9.96 V/m; Power Drift = -0.139 dB

Peak SAR (extrapolated) = 0.700 W/kg

**SAR(1 g) = 0.478 mW/g; SAR(10 g) = 0.324 mW/g**

Maximum value of SAR (measured) = 0.517 mW/g



Test Laboratory: Compliance Certification Services

## Sony Vaio Laptop Vertical

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.55$  mho/m;  $\epsilon_r = 54.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XEVD0 Rel 0 - ch 600/Area Scan (10x7x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.485 mW/g

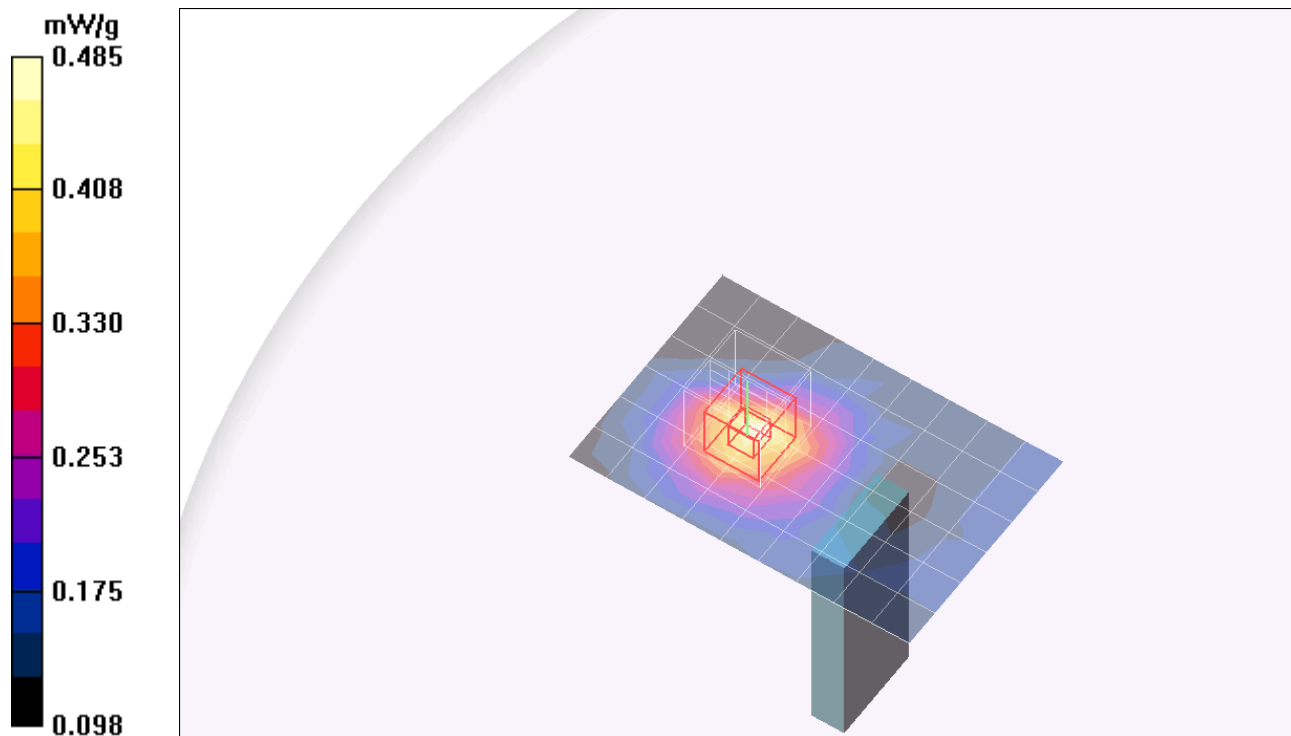
**CDMA 2000 - 1XEVD0 Rel 0 - ch 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = 0.136 dB

Peak SAR (extrapolated) = 0.665 W/kg

**SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.322 mW/g**

Maximum value of SAR (measured) = 0.504 mW/g





Test Laboratory: Compliance Certification Services

## Sony Vaio Laptop Vertical

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.55$  mho/m;  $\epsilon_r = 54.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XEVD0 Rev A - ch 600/Area Scan (10x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.526 mW/g

**CDMA 2000 - 1XEVD0 Rev A - ch 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

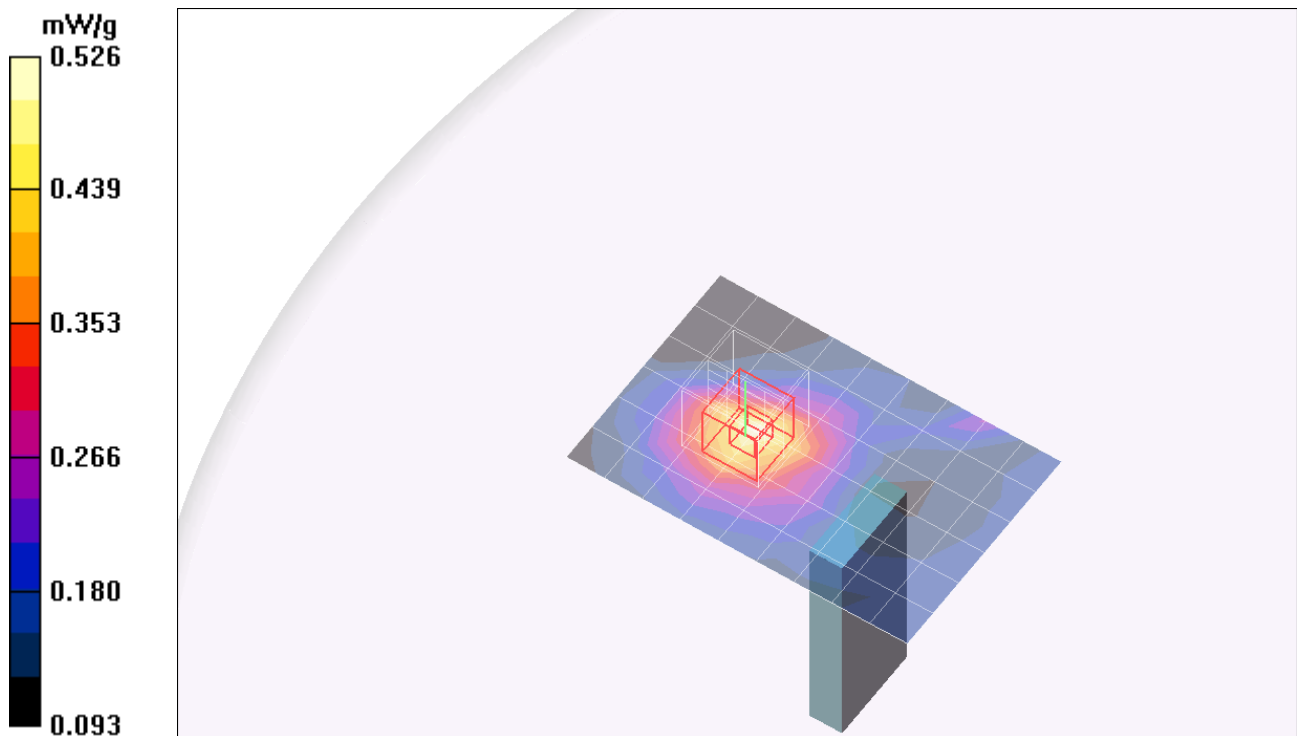
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 0.713 W/kg

**SAR(1 g) = 0.481 mW/g; SAR(10 g) = 0.328 mW/g**

Maximum value of SAR (measured) = 0.515 mW/g



Test Laboratory: Compliance Certification Services

## Toshiba Laptop Horizontal

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 54.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XRTT - ch 25/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.675 mW/g

**CDMA 2000 - 1XRTT - ch 25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

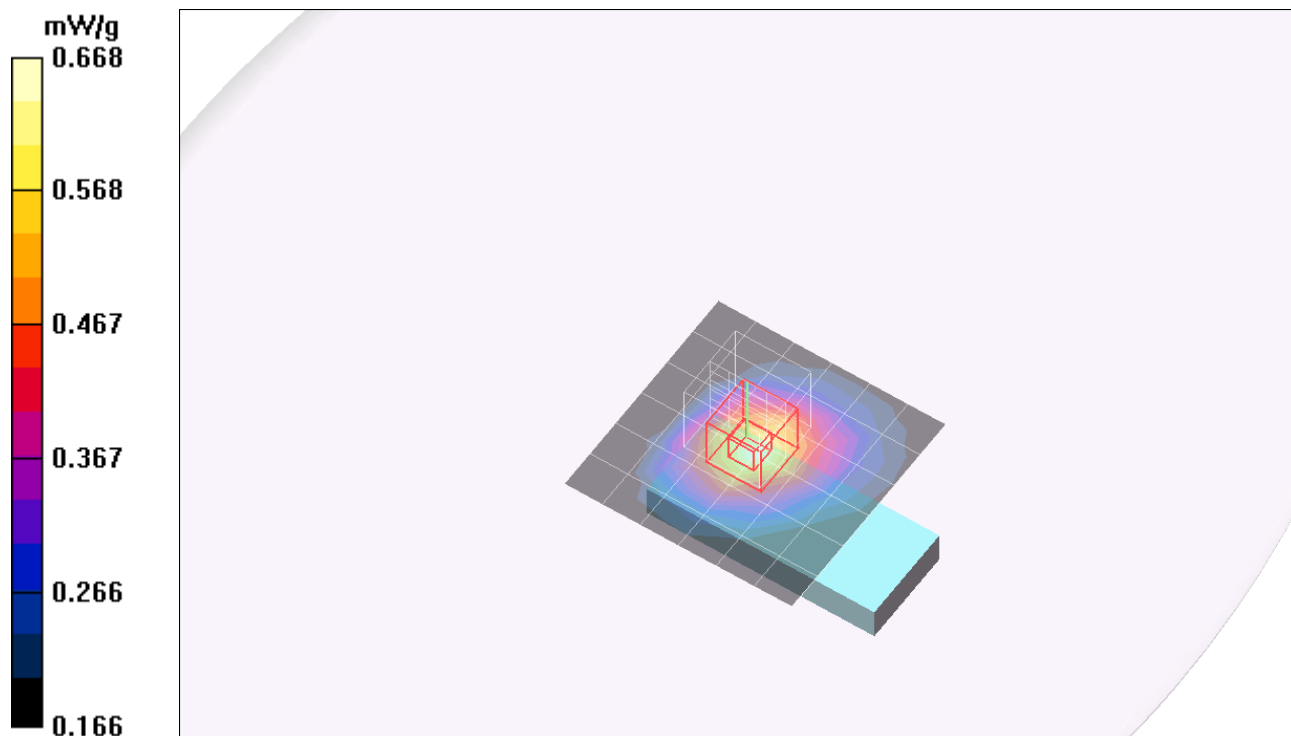
Reference Value = 11.8 V/m; Power Drift = -0.175 dB

Peak SAR (extrapolated) = 0.846 W/kg

**SAR(1 g) = 0.639 mW/g; SAR(10 g) = 0.452 mW/g**

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

Maximum value of SAR (measured) = 0.668 mW/g



Test Laboratory: Compliance Certification Services

## Toshiba Laptop Horizontal

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.55$  mho/m;  $\epsilon_r = 54.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XRTT - ch 600/Area Scan (9x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.06 mW/g

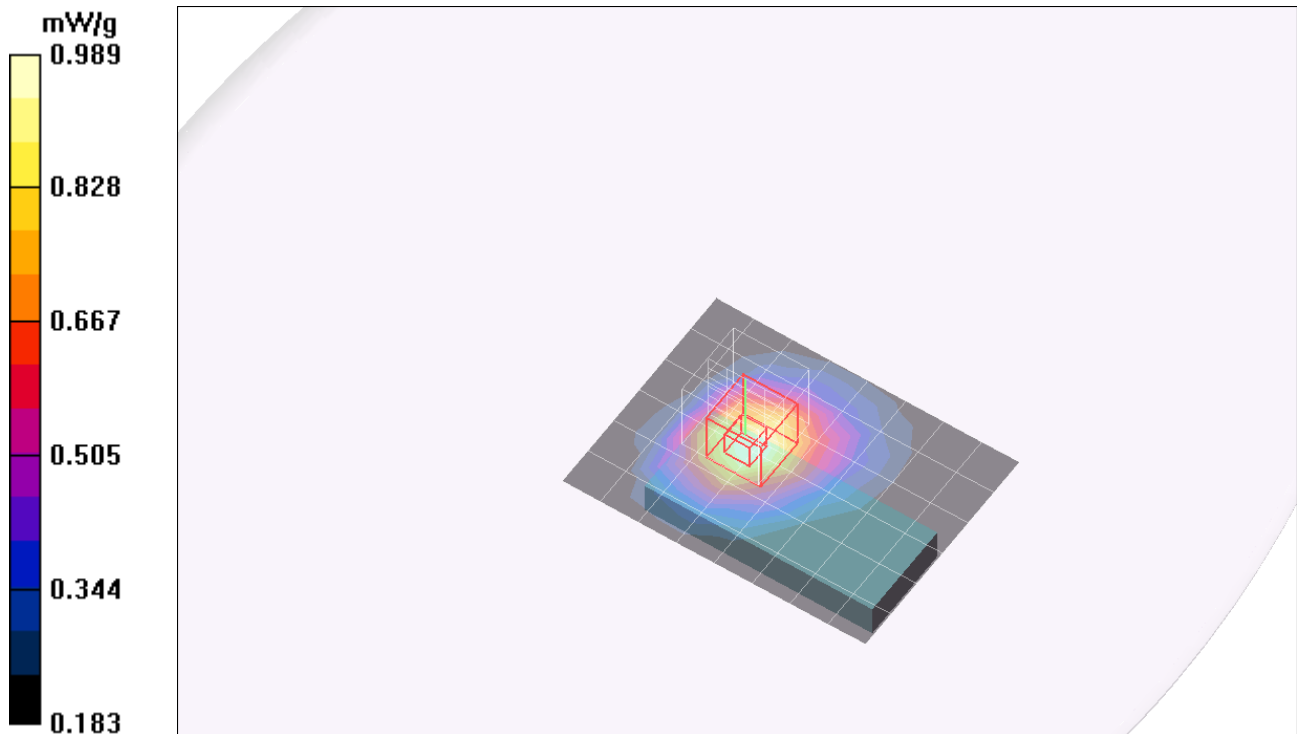
**CDMA 2000 - 1XRTT - ch 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 13.7 V/m; Power Drift = -0.157 dB

Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.926 mW/g; SAR(10 g) = 0.634 mW/g**

Maximum value of SAR (measured) = 0.989 mW/g



Test Laboratory: Compliance Certification Services

## Toshiba Laptop Horizontal

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.58$  mho/m;  $\epsilon_r = 54.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

### CDMA 2000 - 1XRTT - ch 1175/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.604 mW/g

### CDMA 2000 - 1XRTT - ch 1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

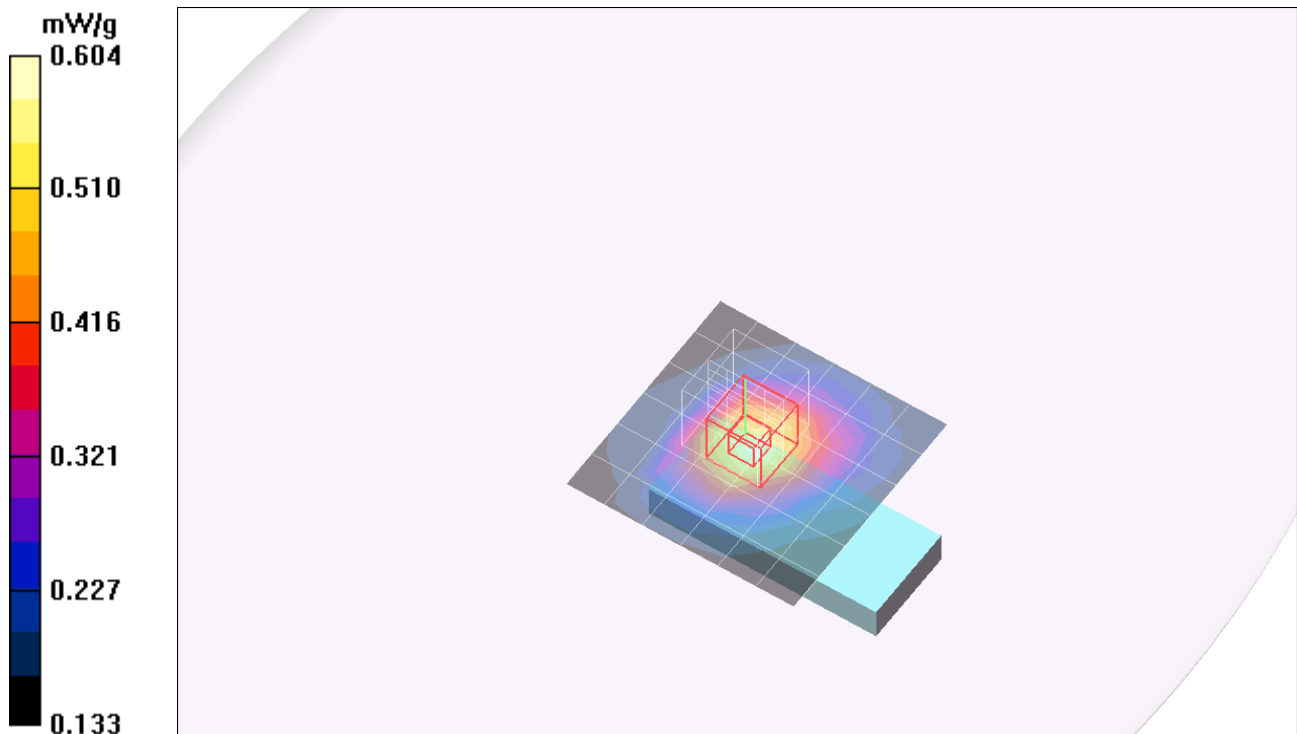
Reference Value = 20.7 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 0.782 W/kg

**SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.420 mW/g**

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

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



Test Laboratory: Compliance Certification Services

## Toshiba Laptop Horizontal

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 54.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XEVD0 Rel 0 - ch 25/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.680 mW/g

**CDMA 2000 - 1XEVD0 Rel 0 - ch 25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

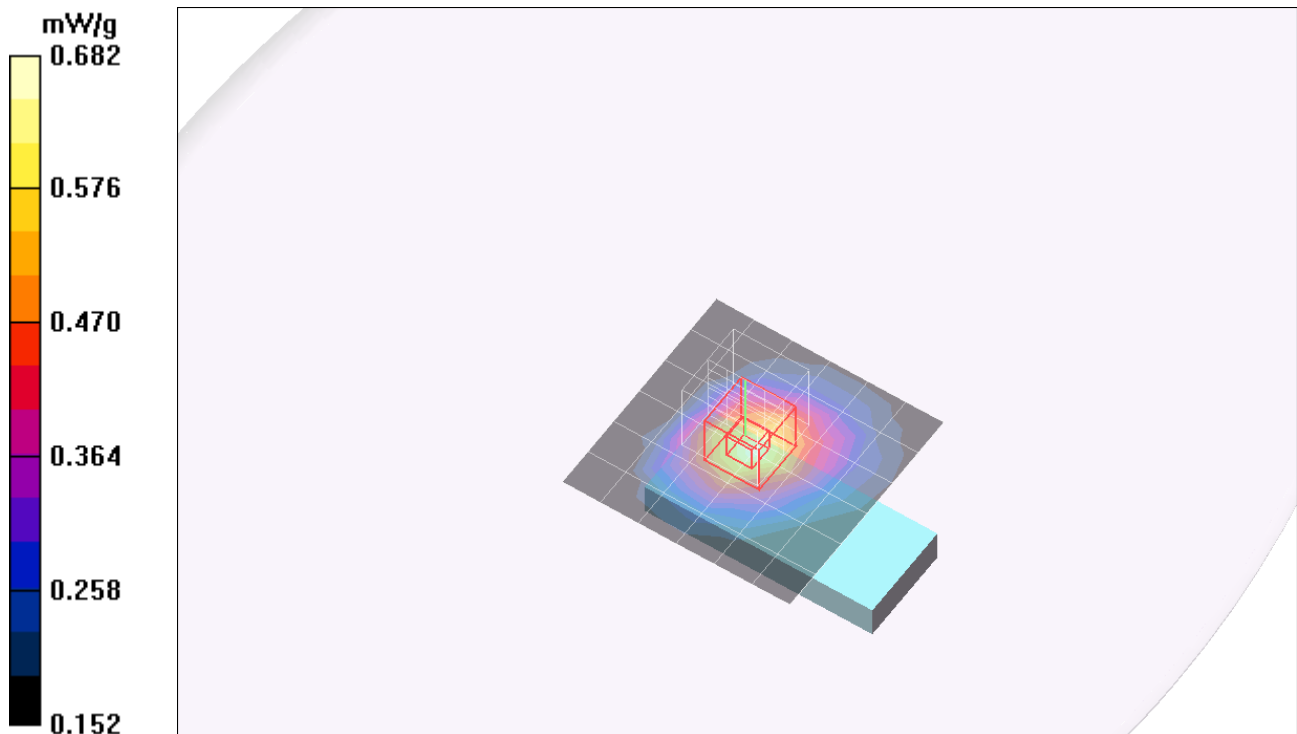
Reference Value = 22.7 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.864 W/kg

**SAR(1 g) = 0.650 mW/g; SAR(10 g) = 0.455 mW/g**

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

Maximum value of SAR (measured) = 0.682 mW/g



Test Laboratory: Compliance Certification Services

## Toshiba Laptop Horizontal

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.55$  mho/m;  $\epsilon_r = 54.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XEVD0 Rel 0 - ch 600/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.04 mW/g

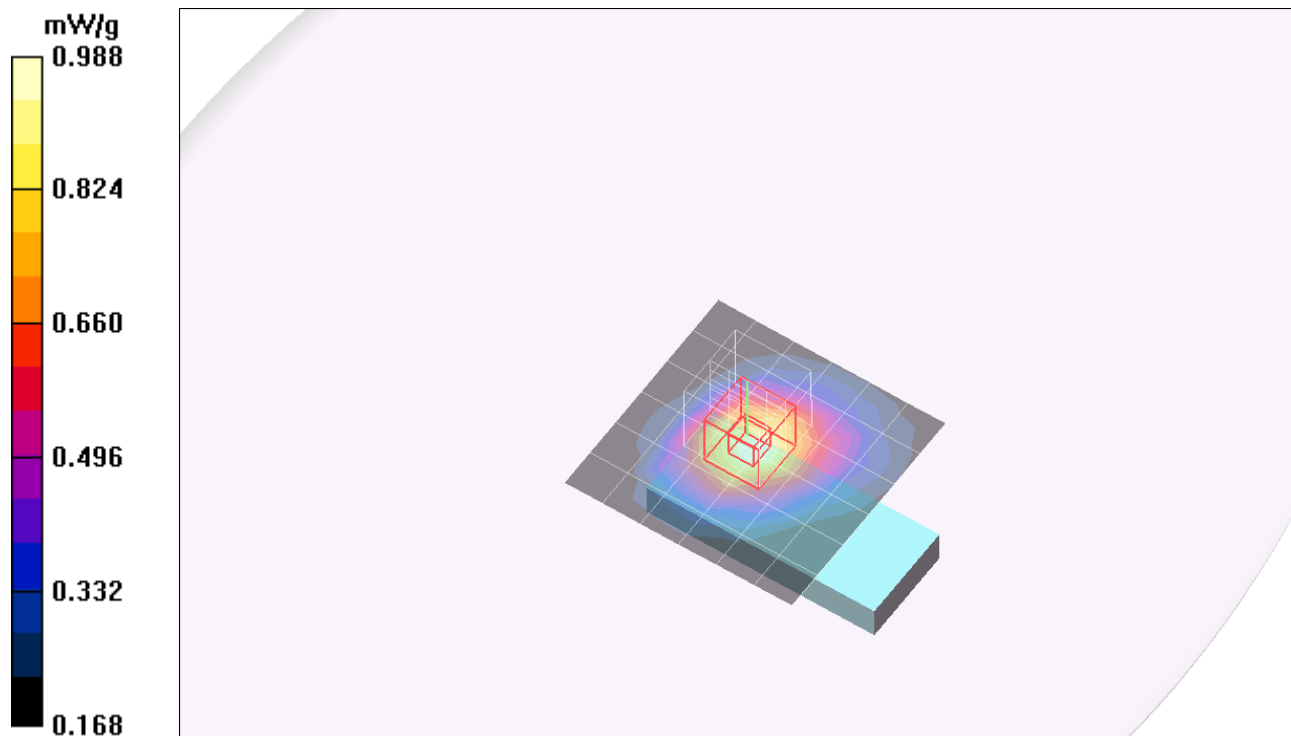
**CDMA 2000 - 1XEVD0 Rel 0 - ch 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 28.6 V/m; Power Drift = -0.173 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.923 mW/g; SAR(10 g) = 0.624 mW/g**

Maximum value of SAR (measured) = 0.988 mW/g



Test Laboratory: Compliance Certification Services

## Toshiba Laptop Horizontal

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.75 \text{ MHz}$ ;  $\sigma = 1.58 \text{ mho/m}$ ;  $\epsilon_r = 54.1$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XEVD0 Rel 0 - ch 1175/Area Scan (7x7x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Maximum value of SAR (measured) = 0.674 mW/g

**CDMA 2000 - 1XEVD0 Rel 0 - ch 1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

$dx=7.5\text{mm}$ ,  $dy=7.5\text{mm}$ ,  $dz=5\text{mm}$

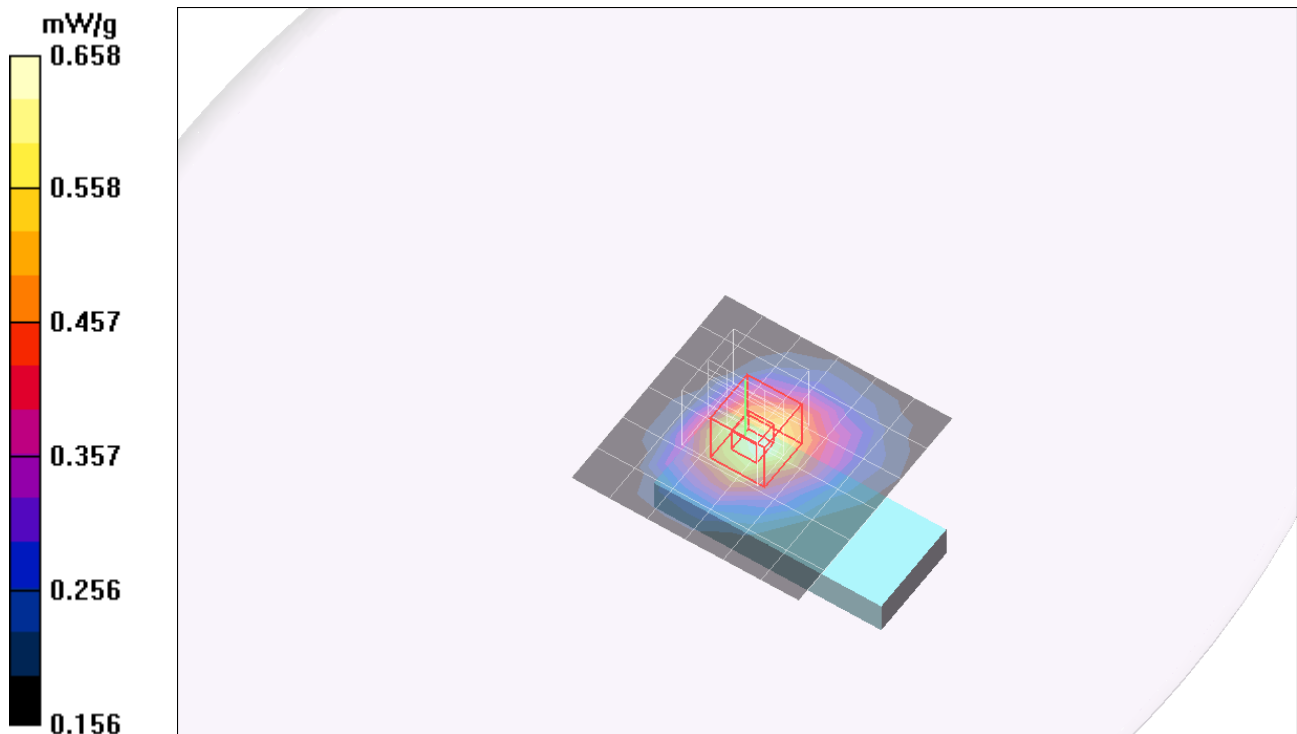
Reference Value = 23.1 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 0.845 W/kg

**SAR(1 g) = 0.619 mW/g; SAR(10 g) = 0.433 mW/g**

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

Maximum value of SAR (measured) = 0.658 mW/g



Test Laboratory: Compliance Certification Services

## Toshiba Laptop Horizontal

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 54.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XEVD0 Rev A - ch 25/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.706 mW/g

**CDMA 2000 - 1XEVD0 Rev A - ch 25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

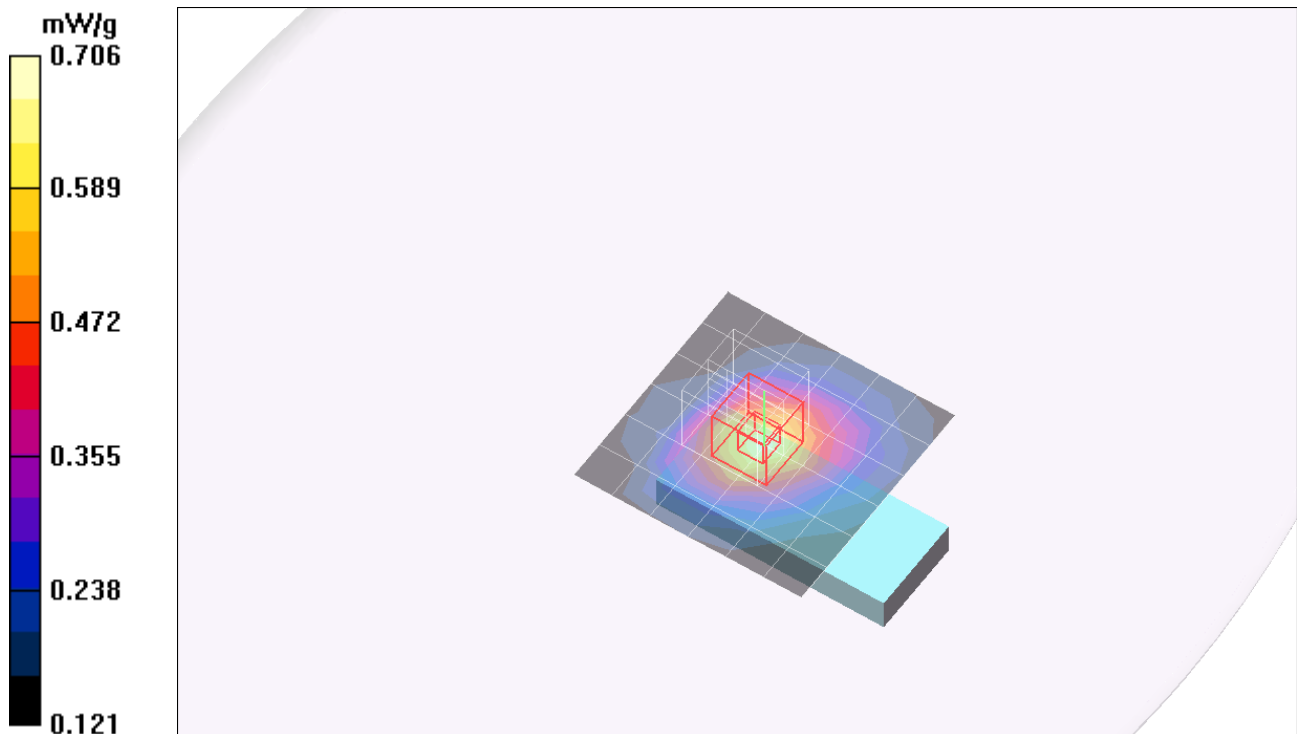
Reference Value = 22.8 V/m; Power Drift = -0.177 dB

Peak SAR (extrapolated) = 0.901 W/kg

**SAR(1 g) = 0.674 mW/g; SAR(10 g) = 0.467 mW/g**

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

Maximum value of SAR (measured) = 0.711 mW/g





Test Laboratory: Compliance Certification Services

## Toshiba Laptop Horizontal

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.55 \text{ mho/m}$ ;  $\epsilon_r = 54.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XEVD0 Rev A - ch 600/Area Scan (7x7x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.07 mW/g

**CDMA 2000 - 1XEVD0 Rev A - ch 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

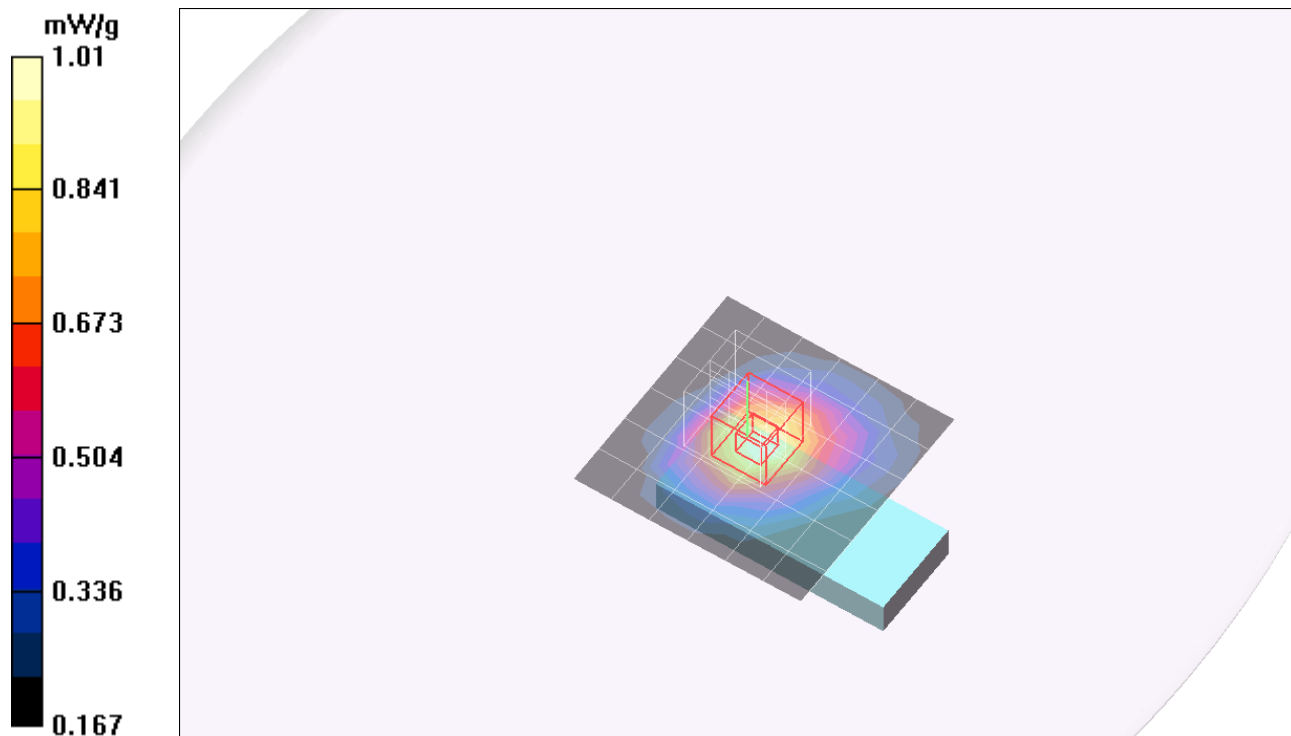
$dx=7.5\text{mm}$ ,  $dy=7.5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 28.7 V/m; Power Drift = -0.154 dB

Peak SAR (extrapolated) = 1.30 W/kg

**SAR(1 g) = 0.947 mW/g; SAR(10 g) = 0.638 mW/g**

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



Test Laboratory: Compliance Certification Services

## Toshiba Laptop Horizontal

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.58$  mho/m;  $\epsilon_r = 54.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XEVD0 Rev A - ch 1175/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.670 mW/g

**CDMA 2000 - 1XEVD0 Rev A - ch 1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm

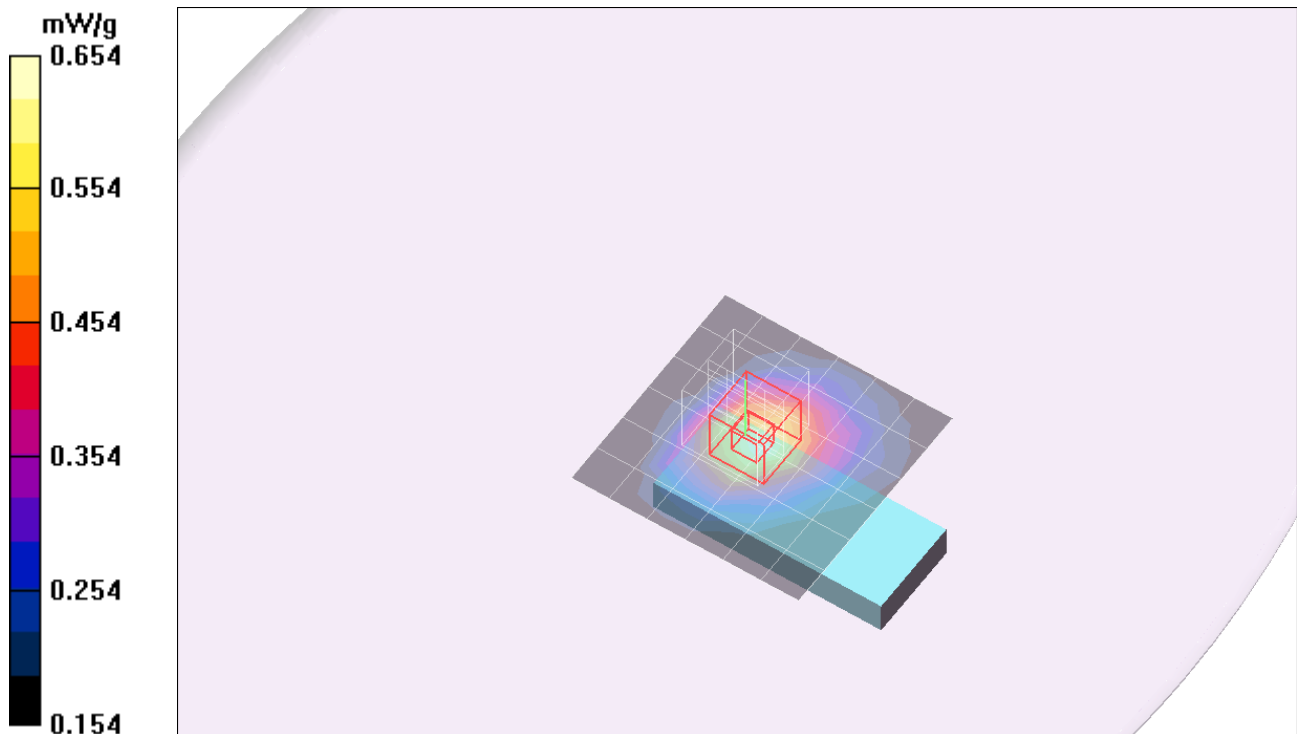
Reference Value = 22.9 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.832 W/kg

**SAR(1 g) = 0.614 mW/g; SAR(10 g) = 0.430 mW/g**

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

Maximum value of SAR (measured) = 0.654 mW/g



Test Laboratory: Compliance Certification Services

## Toshiba Laptop Vertical

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.55 \text{ mho/m}$ ;  $\epsilon_r = 54.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XRTT - ch 600/Area Scan (8x7x1):** Measurement grid: dx=15mm, dy=15mm

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

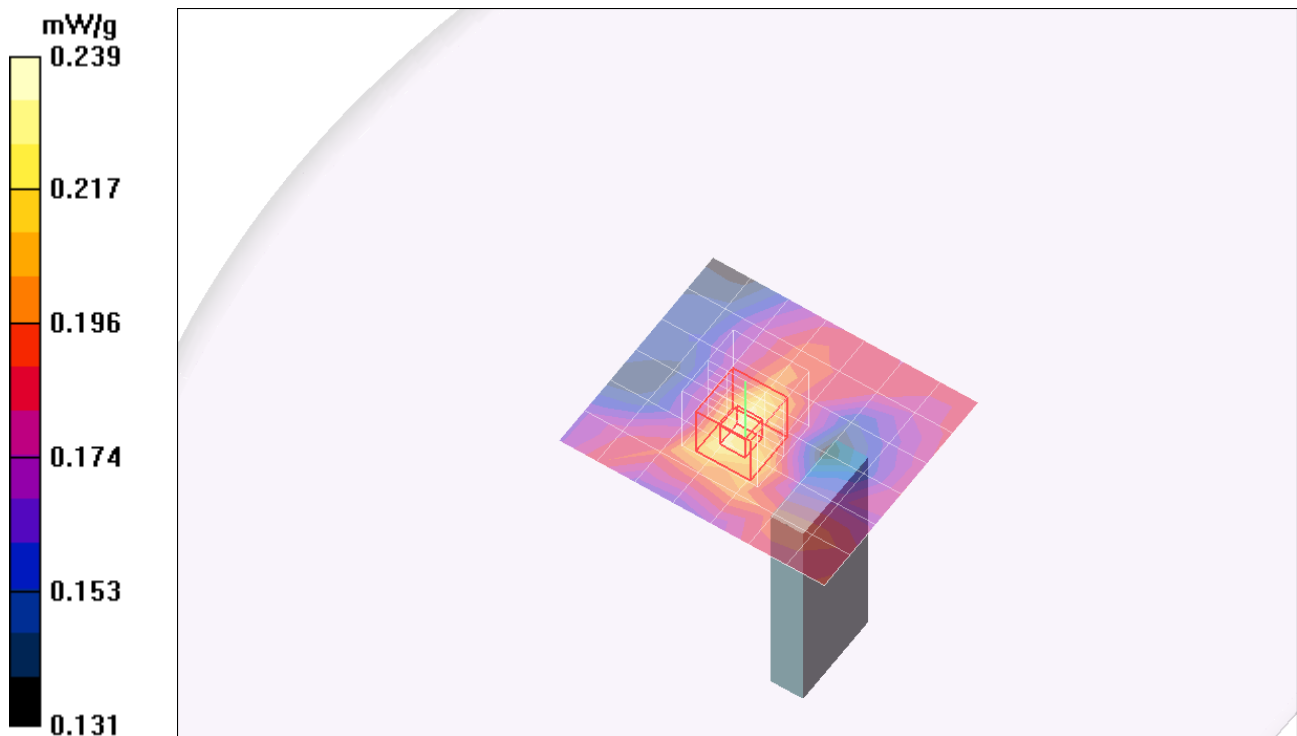
**CDMA 2000 - 1XRTT - ch 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 0.285 W/kg

**SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.188 mW/g**

Maximum value of SAR (measured) = 0.239 mW/g



Test Laboratory: Compliance Certification Services

## Toshiba Laptop Vertical

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.55 \text{ mho/m}$ ;  $\epsilon_r = 54.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XEVD0 Rel 0 - ch 600/Area Scan (8x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.228 mW/g

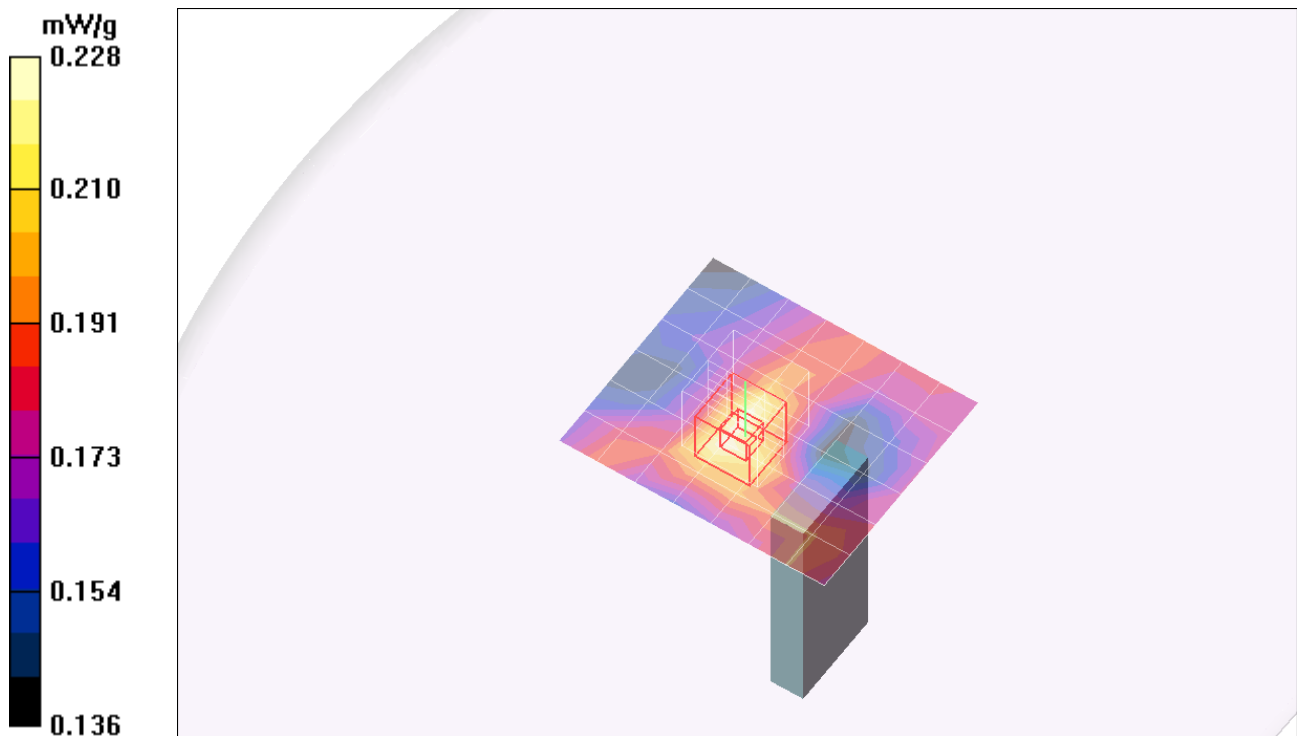
**CDMA 2000 - 1XEVD0 Rel 0 - ch 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = 0.155 dB

Peak SAR (extrapolated) = 0.272 W/kg

**SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.188 mW/g**

Maximum value of SAR (measured) = 0.235 mW/g



Test Laboratory: Compliance Certification Services

## Toshiba Laptop Vertical

DUT: USB Modem; Type: N/A; Serial: N/A

Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.55$  mho/m;  $\epsilon_r = 54.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**CDMA 2000 - 1XEVD0 Rev A - ch 600/Area Scan (8x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.246 mW/g

**CDMA 2000 - 1XEVD0 Rev A - ch 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = 0.151 dB

Peak SAR (extrapolated) = 0.282 W/kg

**SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.189 mW/g**

Maximum value of SAR (measured) = 0.244 mW/g

