## APPENDIX A: TEST DATA

# Liquid Level Photo

**MSL 2450MHz D=151mm**

Date/Time: 2006/2/9 11:08:06

Test Laboratory: Advance Data Technology

## N800C-GFSK-Ch0-Mode 1

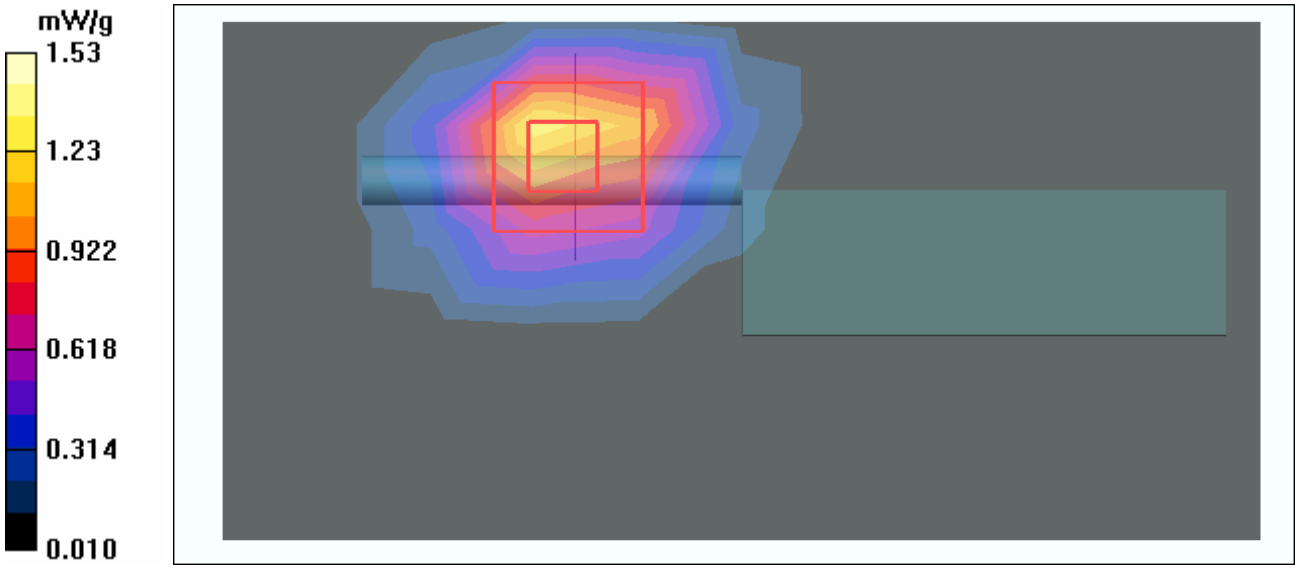
**DUT: Class 1 Bluetooth v2.0 EDR USB Adapter ; Type: BUB-211 ; Test Frequency: 2402 MHz**

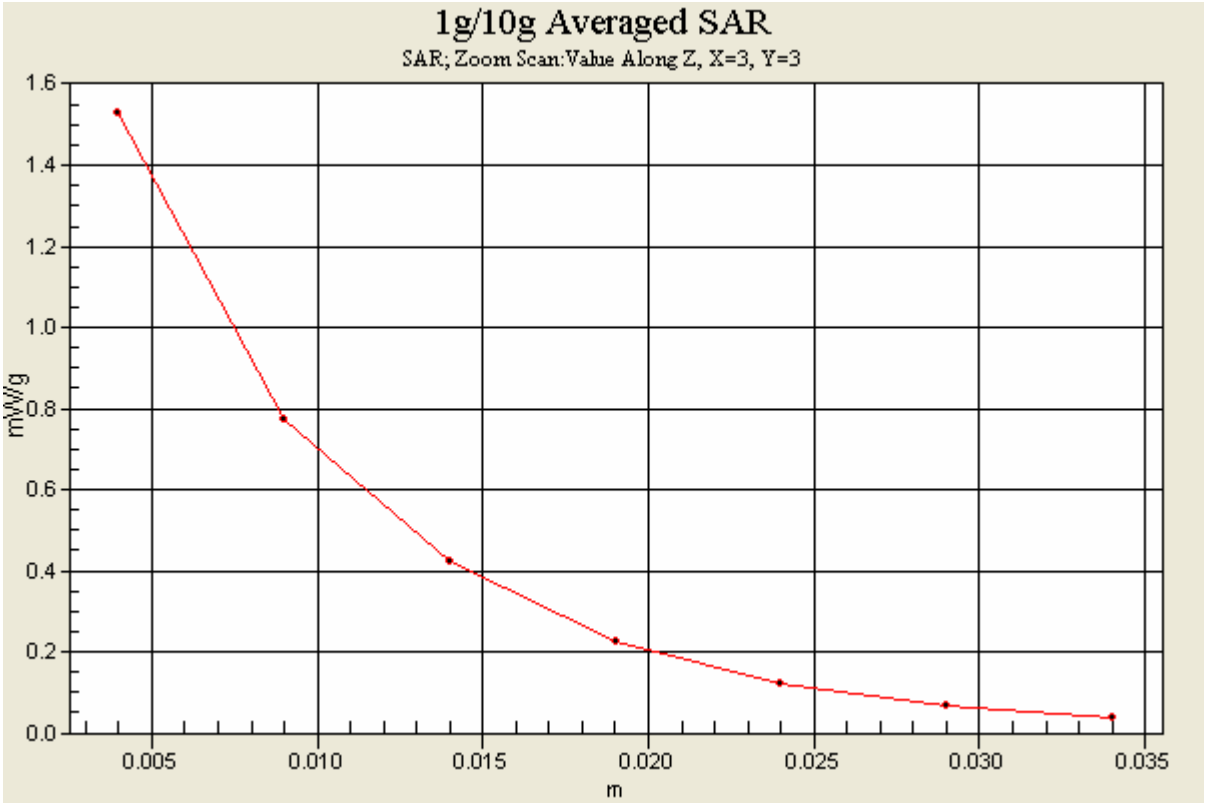
Communication System: Bluetooth ; Frequency: 2402 MHz ; Duty Cycle: 1:1 ; Modulation type: GFSK
Medium: MSL2450 Medium parameters used: f = 2402 MHz; $\sigma$ = 1.95 mho/m; $\varepsilon_r$ = 51.3; $\rho$ = 1000 kg/m$^3$ ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 0 mm (The bottom side of the EUT to the Phantom)
Antenna type : Dipole Antenna ; Air temp. : 21.8 degrees ; Liquid temp. : 20.6 degrees

DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23 ; Postprocessing SW: SEMCAD, V1.8 Build 160

**Low Channel 0/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.30 mW/g

**Low Channel 0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.79 V/m
Peak SAR (extrapolated) = 3.00 W/kg
**SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.643 mW/g**
Maximum value of SAR (measured) = 1.53 mW/g




1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=3, Y=3
mW/g
m
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035

Date/Time: 2006/2/9 11:27:13

Test Laboratory: Advance Data Technology

## N800C-GFSK-Ch39-Mode 1

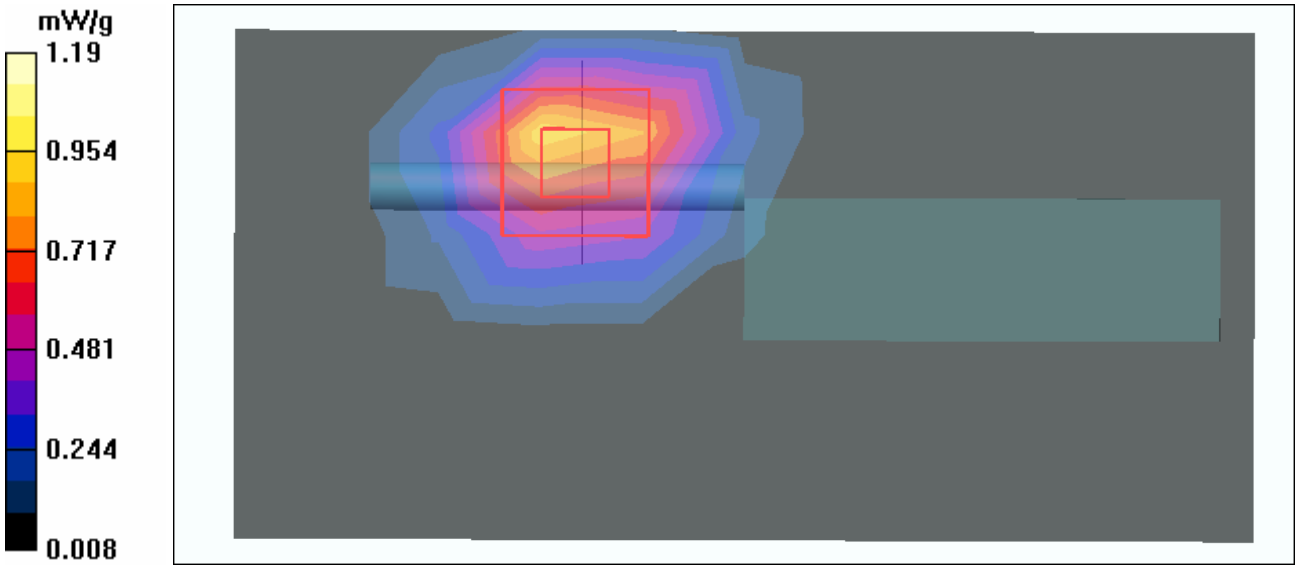
**DUT: Class 1 Bluetooth v2.0 EDR USB Adapter ; Type: BUB-211 ; Test Frequency: 2441 MHz**

Communication System: Bluetooth ; Frequency: 2441 MHz ; Duty Cycle: 1:1 ; Modulation type: GFSK
Medium: MSL2450 Medium parameters used: f = 2441 MHz; $\sigma$ = 2 mho/m; $\varepsilon_r$ = 51.1; $\rho$ = 1000 kg/m$^3$ ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 0 mm (The bottom side of the EUT to the Phantom)
Antenna type : Dipole Antenna ; Air temp. : 21.8 degrees ; Liquid temp. : 20.6 degrees

DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23 ; Postprocessing SW: SEMCAD, V1.8 Build 160

**Mid Channel 39/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.940 mW/g

**Mid Channel 39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.83 V/m
Peak SAR (extrapolated) = 2.47 W/kg
**SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.492 mW/g**
Maximum value of SAR (measured) = 1.19 mW/g



Date/Time: 2006/2/9 11:45:56

Test Laboratory: Advance Data Technology

## N800C-GFSK-Ch78-Mode 1

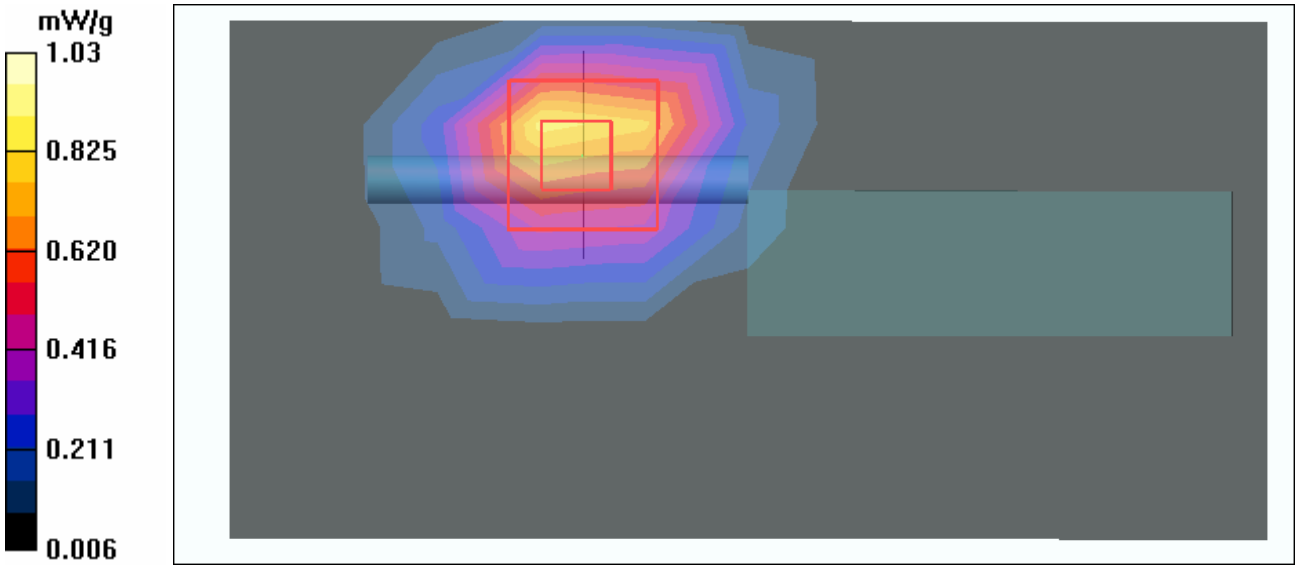
**DUT: Class 1 Bluetooth v2.0 EDR USB Adapter ; Type: BUB-211 ; Test Frequency: 2480 MHz**

Communication System: Bluetooth ; Frequency: 2480 MHz ; Duty Cycle: 1:1 ; Modulation type: GFSK
Medium: MSL2450 Medium parameters used: f = 2480 MHz; $\sigma$ = 2.04 mho/m; $\varepsilon_r$ = 51; $\rho$ = 1000 kg/m$^3$ ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 0 mm (The bottom side of the EUT to the Phantom)
Antenna type : Dipole Antenna ; Air temp. : 21.8 degrees ; Liquid temp. : 20.6 degrees

DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23 ; Postprocessing SW: SEMCAD, V1.8 Build 160

**High Channel 78/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.860 mW/g

**High Channel 78/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.85 V/m
Peak SAR (extrapolated) = 2.12 W/kg
**SAR(1 g) = 0.924 mW/g; SAR(10 g) = 0.424 mW/g**
Maximum value of SAR (measured) = 1.03 mW/g



Date/Time: 2006/2/9 12:07:24

Test Laboratory: Advance Data Technology

## N800C-8DPSK-Ch0-Mode 2

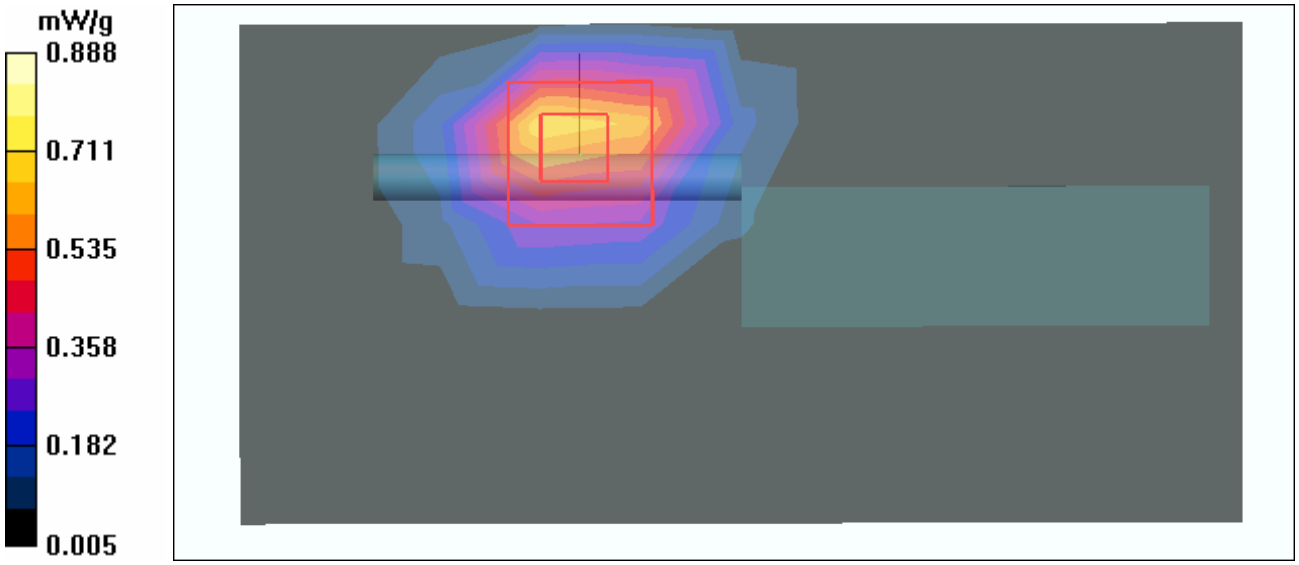
**DUT: Class 1 Bluetooth v2.0 EDR USB Adapter ; Type: BUB-211 ; Test Frequency: 2402 MHz**

Communication System: Bluetooth ; Frequency: 2402 MHz ; Duty Cycle: 1:1 ; Modulation type: 8DPSK
Medium: MSL2450 Medium parameters used: f = 2402 MHz; $\sigma$ = 1.95 mho/m; $\varepsilon_r$ = 51.3; $\rho$ = 1000 kg/m$^3$ ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 0 mm (The bottom side of the EUT to the Phantom)
Antenna type : Dipole Antenna ; Air temp. : 21.8 degrees ; Liquid temp. : 20.6 degrees

DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23 ; Postprocessing SW: SEMCAD, V1.8 Build 160

**Low Channel 0/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.714 mW/g

**Low Channel 0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.64 V/m
Peak SAR (extrapolated) = 1.76 W/kg
**SAR(1 g) = 0.788 mW/g; SAR(10 g) = 0.358 mW/g**
Maximum value of SAR (measured) = 0.888 mW/g



Date/Time: 2006/2/9 12:26:57

Test Laboratory: Advance Data Technology

## N800C-8DPSK-Ch39-Mode 2

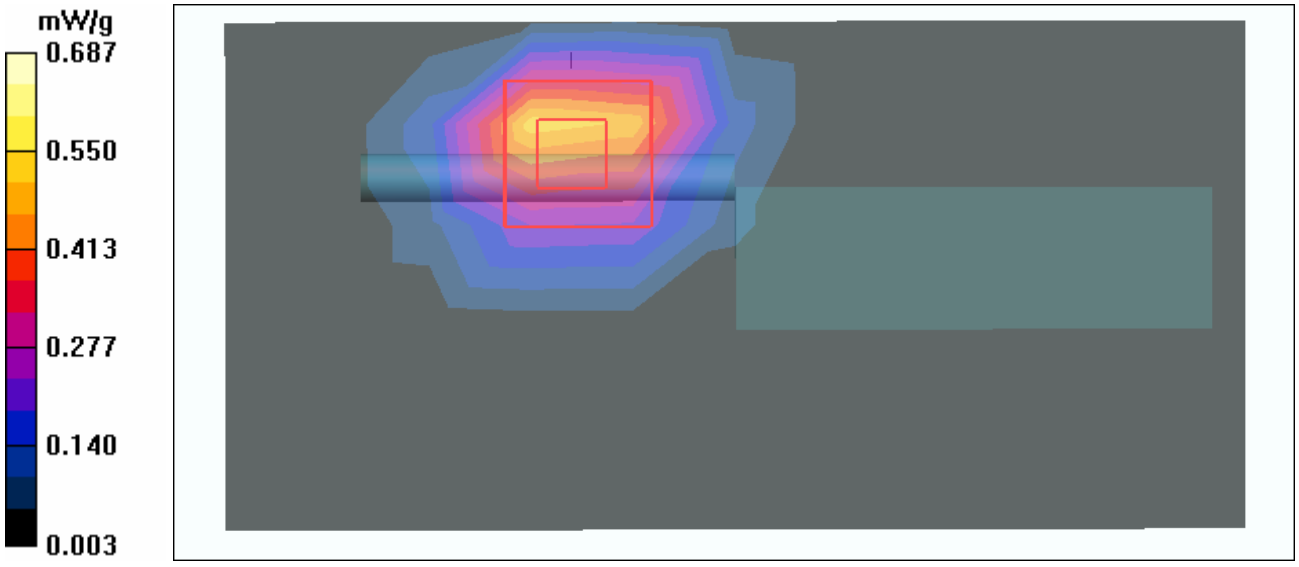
**DUT: Class 1 Bluetooth v2.0 EDR USB Adapter ; Type: BUB-211 ; Test Frequency: 2441 MHz**

Communication System: Bluetooth ; Frequency: 2441 MHz ; Duty Cycle: 1:1 ; Modulation type: 8DPSK
Medium: MSL2450 Medium parameters used: f = 2441 MHz; $\sigma$ = 2 mho/m; $\varepsilon_r$ = 51.1; $\rho$ = 1000 kg/m$^3$ ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 0 mm (The bottom side of the EUT to the Phantom)
Antenna type : Dipole Antenna ; Air temp. : 21.8 degrees ; Liquid temp. : 20.6 degrees

DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23 ; Postprocessing SW: SEMCAD, V1.8 Build 160

**Mid Channel 39/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.535 mW/g

**Mid Channel 39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.05 V/m
Peak SAR (extrapolated) = 1.40 W/kg
**SAR(1 g) = 0.612 mW/g; SAR(10 g) = 0.275 mW/g**
Maximum value of SAR (measured) = 0.687 mW/g



Date/Time: 2006/2/9 12:45:07

Test Laboratory: Advance Data Technology

## N800C-8DPSK-Ch78-Mode 2

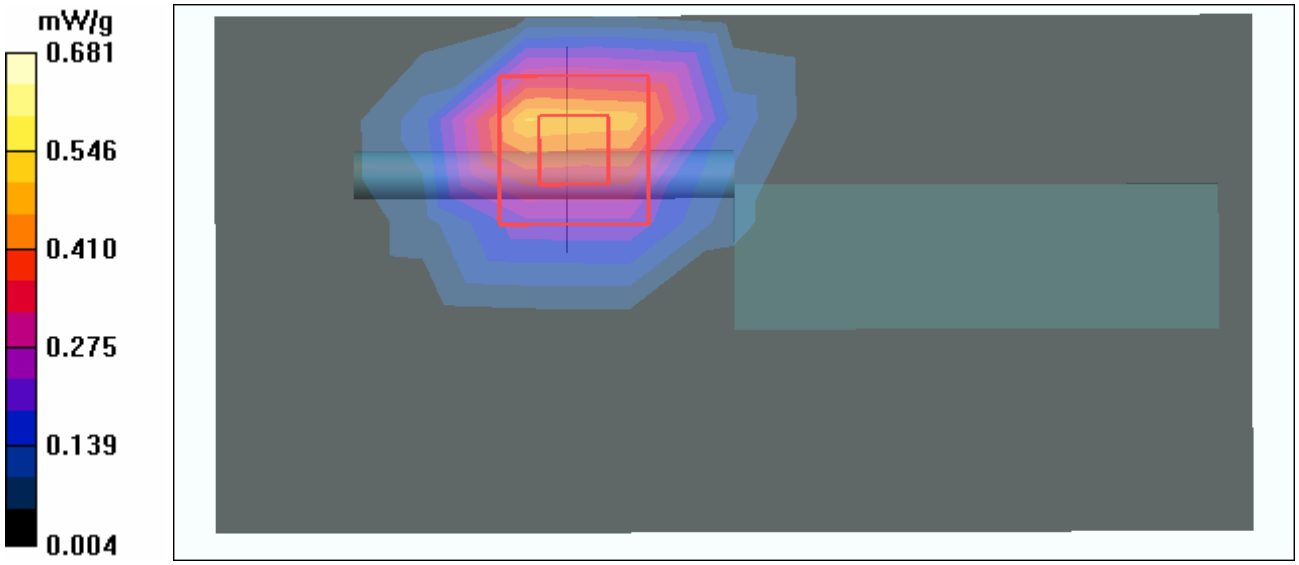
**DUT: Class 1 Bluetooth v2.0 EDR USB Adapter ; Type: BUB-211 ; Test Frequency: 2480 MHz**

Communication System: Bluetooth ; Frequency: 2480 MHz ; Duty Cycle: 1:1 ; Modulation type: 8DPSK
Medium: MSL2450 Medium parameters used: f = 2480 MHz; $\sigma$ = 2.04 mho/m; $\varepsilon_r$ = 51; $\rho$ = 1000 kg/m$^3$ ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 0 mm (The bottom side of the EUT to the Phantom)
Antenna type : Dipole Antenna ; Air temp. : 21.8 degrees ; Liquid temp. : 20.6 degrees

DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23 ; Postprocessing SW: SEMCAD, V1.8 Build 160

**High Channel 78/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.505 mW/g

**High Channel 78/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.14 V/m
Peak SAR (extrapolated) = 1.43 W/kg
**SAR(1 g) = 0.607 mW/g; SAR(10 g) = 0.272 mW/g**
Maximum value of SAR (measured) = 0.681 mW/g



Date/Time: 2006/2/9 13:15:14

Test Laboratory: Advance Data Technology

## C600-GFSK-Ch0-Mode 3

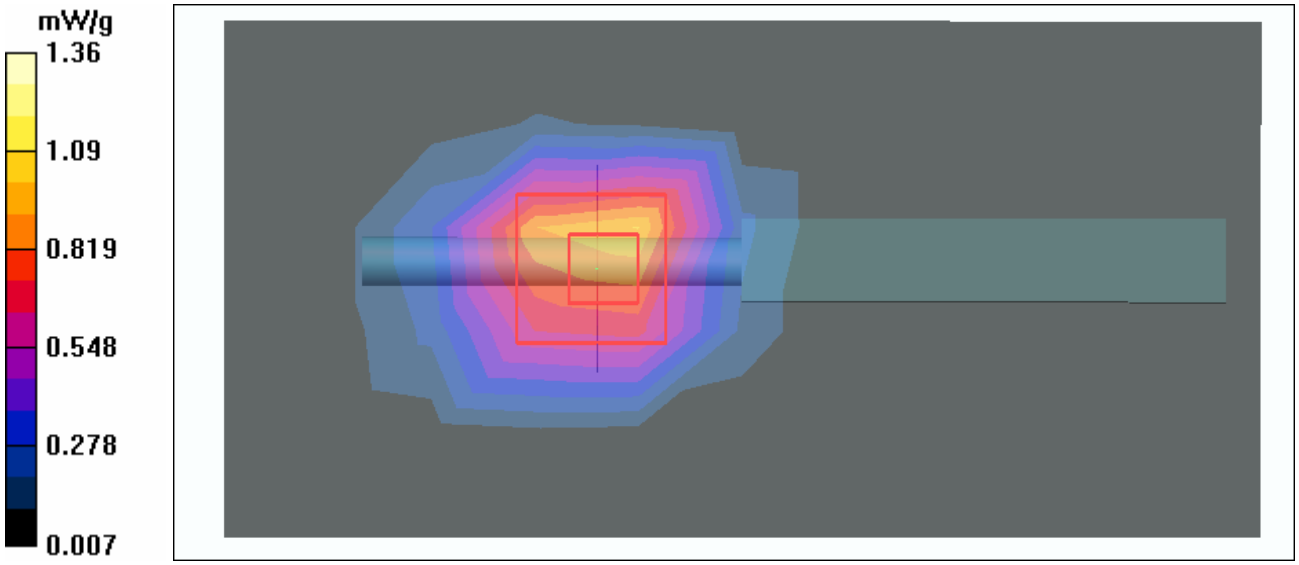
**DUT: Class 1 Bluetooth v2.0 EDR USB Adapter ; Type: BUB-211 ; Test Frequency: 2402 MHz**

Communication System: Bluetooth ; Frequency: 2402 MHz ; Duty Cycle: 1:1 ; Modulation type: GFSK
Medium: MSL2450 Medium parameters used: f = 2402 MHz; $\sigma$ = 1.95 mho/m; $\varepsilon_r$ = 51.3; $\rho$ = 1000 kg/m$^3$ ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)
Antenna type : Dipole Antenna ; Air temp. : 21.8 degrees ; Liquid temp. : 20.6 degrees

DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23 ; Postprocessing SW: SEMCAD, V1.8 Build 160

**Low Channel 0/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.01 mW/g

**Low Channel 0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.8 V/m
Peak SAR (extrapolated) = 2.66 W/kg
**SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.554 mW/g**
Maximum value of SAR (measured) = 1.36 mW/g



Date/Time: 2006/2/9 13:36:10

Test Laboratory: Advance Data Technology

## C600-GFSK-Ch39-Mode 3

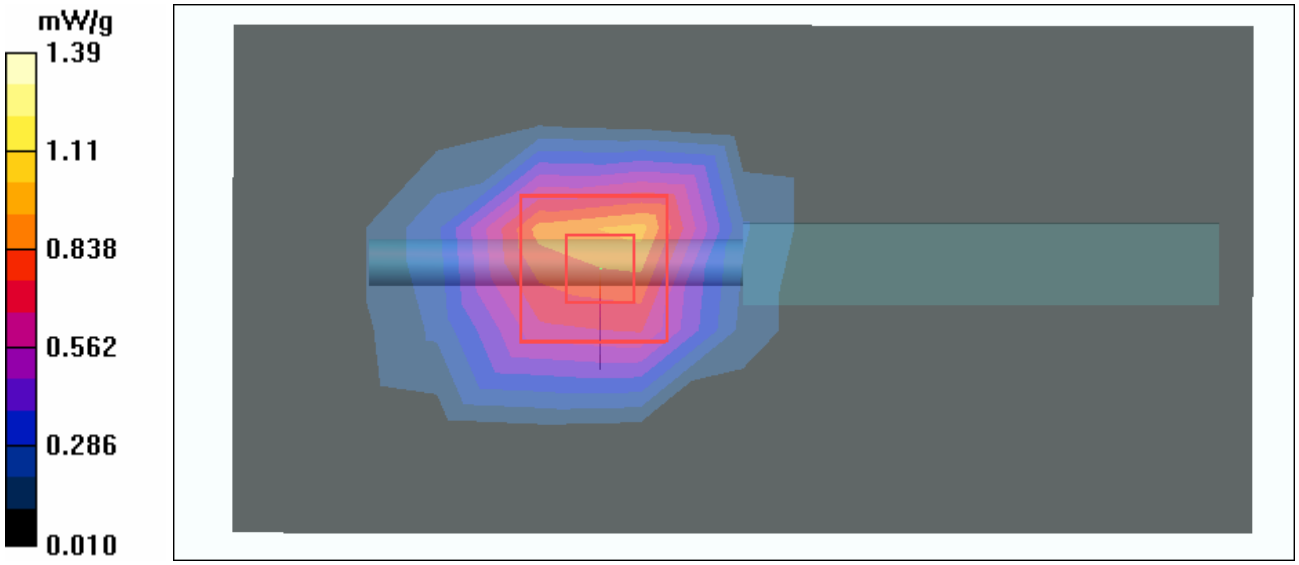
**DUT: Class 1 Bluetooth v2.0 EDR USB Adapter ; Type: BUB-211 ; Test Frequency: 2441 MHz**

Communication System: Bluetooth ; Frequency: 2441 MHz ; Duty Cycle: 1:1 ; Modulation type: GFSK
Medium: MSL2450 Medium parameters used: f = 2441 MHz; $\sigma$ = 2 mho/m; $\varepsilon_r$ = 51.1; $\rho$ = 1000 kg/m$^3$ ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)
Antenna type : Dipole Antenna ; Air temp. : 21.8 degrees ; Liquid temp. : 20.6 degrees

DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23 ; Postprocessing SW: SEMCAD, V1.8 Build 160

**Mid Channel 39/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.973 mW/g

**Mid Channel 39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.9 V/m
Peak SAR (extrapolated) = 2.71 W/kg
**SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.569 mW/g**
Maximum value of SAR (measured) = 1.39 mW/g



Date/Time: 2006/2/9 13:55:01

Test Laboratory: Advance Data Technology

## C600-GFSK-Ch78-Mode 3

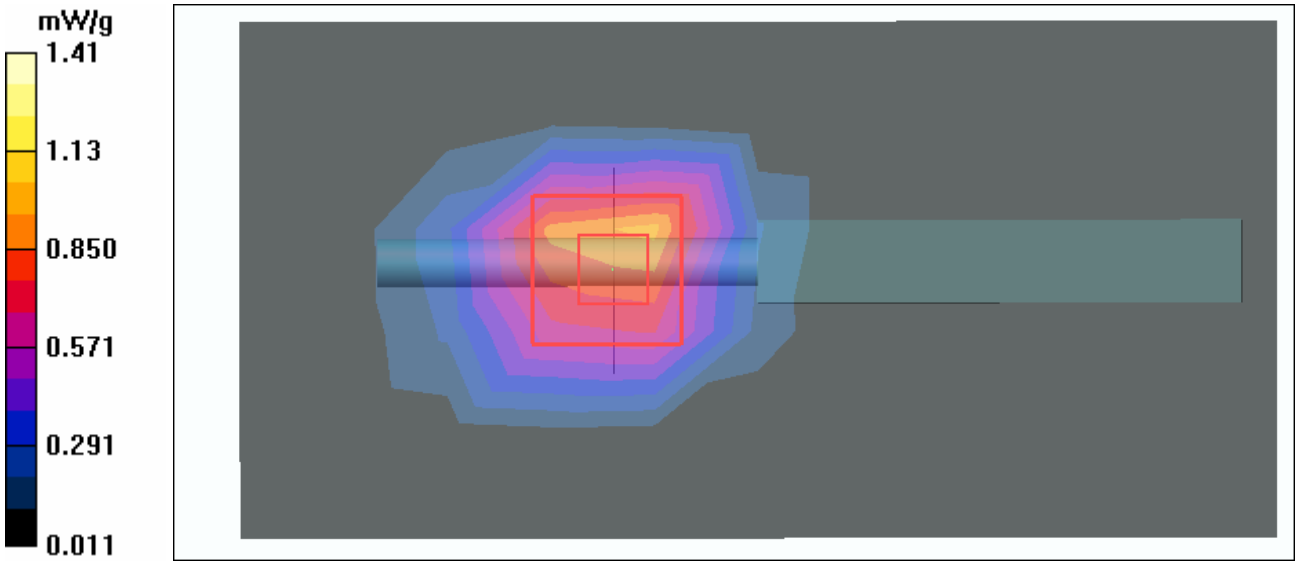
**DUT: Class 1 Bluetooth v2.0 EDR USB Adapter ; Type: BUB-211 ; Test Frequency: 2480 MHz**

Communication System: Bluetooth ; Frequency: 2480 MHz ; Duty Cycle: 1:1 ; Modulation type: GFSK
Medium: MSL2450 Medium parameters used: f = 2480 MHz; $\sigma$ = 2.04 mho/m; $\varepsilon_r$ = 51; $\rho$ = 1000 kg/m$^3$ ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)
Antenna type : Dipole Antenna ; Air temp. : 21.8 degrees ; Liquid temp. : 20.6 degrees

DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23 ; Postprocessing SW: SEMCAD, V1.8 Build 160

**High Channel 78/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.981 mW/g

**High Channel 78/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.8 V/m
Peak SAR (extrapolated) = 2.74 W/kg
**SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.578 mW/g**
Maximum value of SAR (measured) = 1.41 mW/g



Date/Time: 2006/2/9 14:14:48

Test Laboratory: Advance Data Technology

## C600-8DPSK-Ch0-Mode 4

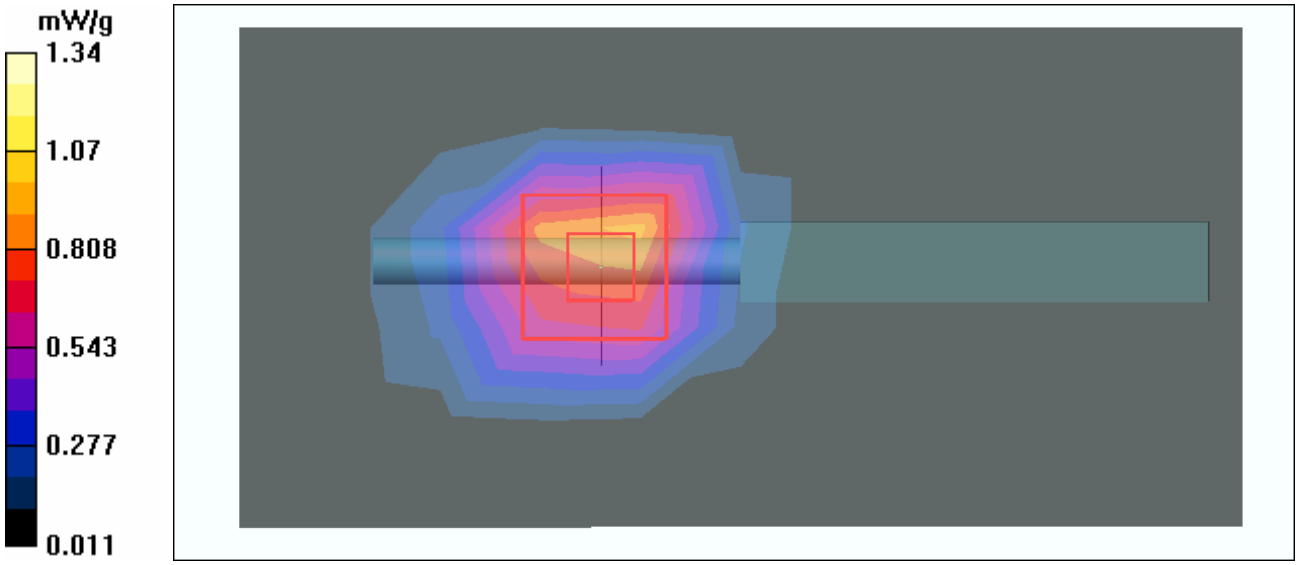
**DUT: Class 1 Bluetooth v2.0 EDR USB Adapter ; Type: BUB-211 ; Test Frequency: 2402 MHz**

Communication System: Bluetooth ; Frequency: 2402 MHz ; Duty Cycle: 1:1 ; Modulation type: 8DPSK
Medium: MSL2450 Medium parameters used: f = 2402 MHz; $\sigma$ = 1.95 mho/m; $\varepsilon_r$ = 51.3; $\rho$ = 1000 kg/m$^3$ ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)
Antenna type : Dipole Antenna ; Air temp. : 21.8 degrees ; Liquid temp. : 20.6 degrees

DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23 ; Postprocessing SW: SEMCAD, V1.8 Build 160

**Low Channel 0/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.934 mW/g

**Low Channel 0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.8 V/m
Peak SAR (extrapolated) = 2.60 W/kg
**SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.549 mW/g**
Maximum value of SAR (measured) = 1.34 mW/g



Date/Time: 2006/2/9 14:33:34

Test Laboratory: Advance Data Technology

## C600-8DPSK-Ch39-Mode 4

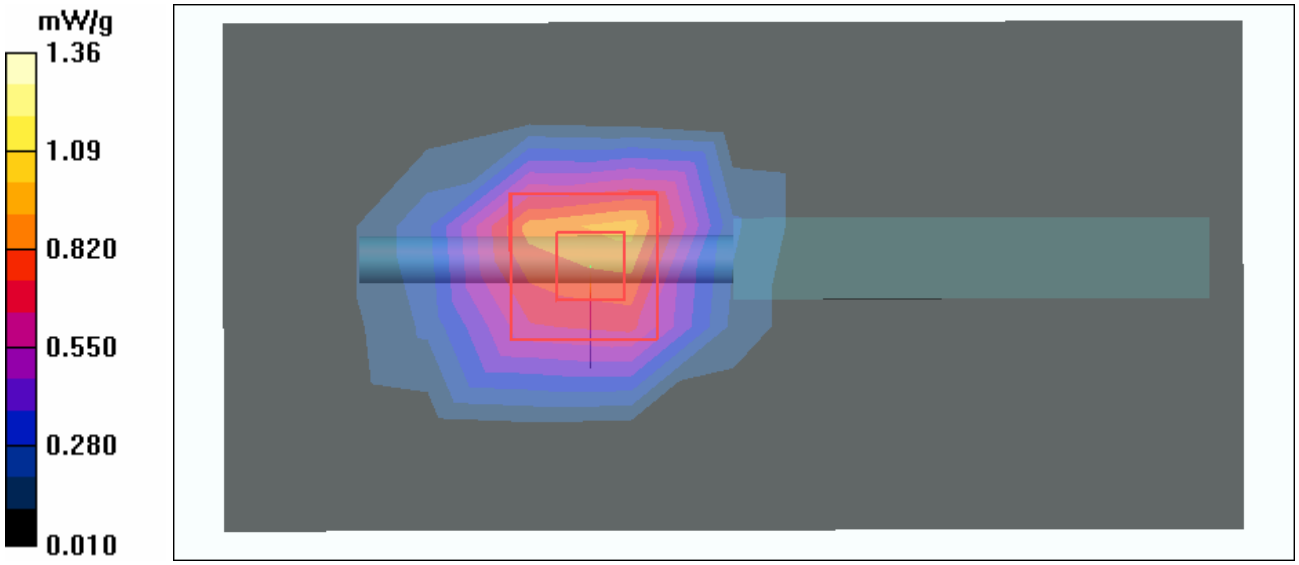
**DUT: Class 1 Bluetooth v2.0 EDR USB Adapter ; Type: BUB-211 ; Test Frequency: 2441 MHz**

Communication System: Bluetooth ; Frequency: 2441 MHz ; Duty Cycle: 1:1 ; Modulation type: 8DPSK
Medium: MSL2450 Medium parameters used: f = 2441 MHz; $\sigma$ = 2 mho/m; $\varepsilon_r$ = 51.1; $\rho$ = 1000 kg/m$^3$ ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)
Antenna type : Dipole Antenna ; Air temp. : 21.8 degrees ; Liquid temp. : 20.6 degrees

DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23 ; Postprocessing SW: SEMCAD, V1.8 Build 160

**Mid Channel 39/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.960 mW/g

**Mid Channel 39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.7 V/m
Peak SAR (extrapolated) = 2.66 W/kg
**SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.560 mW/g**
Maximum value of SAR (measured) = 1.36 mW/g



Date/Time: 2006/2/9 14:51:54

Test Laboratory: Advance Data Technology

## C600-8DPSK-Ch78-Mode 4

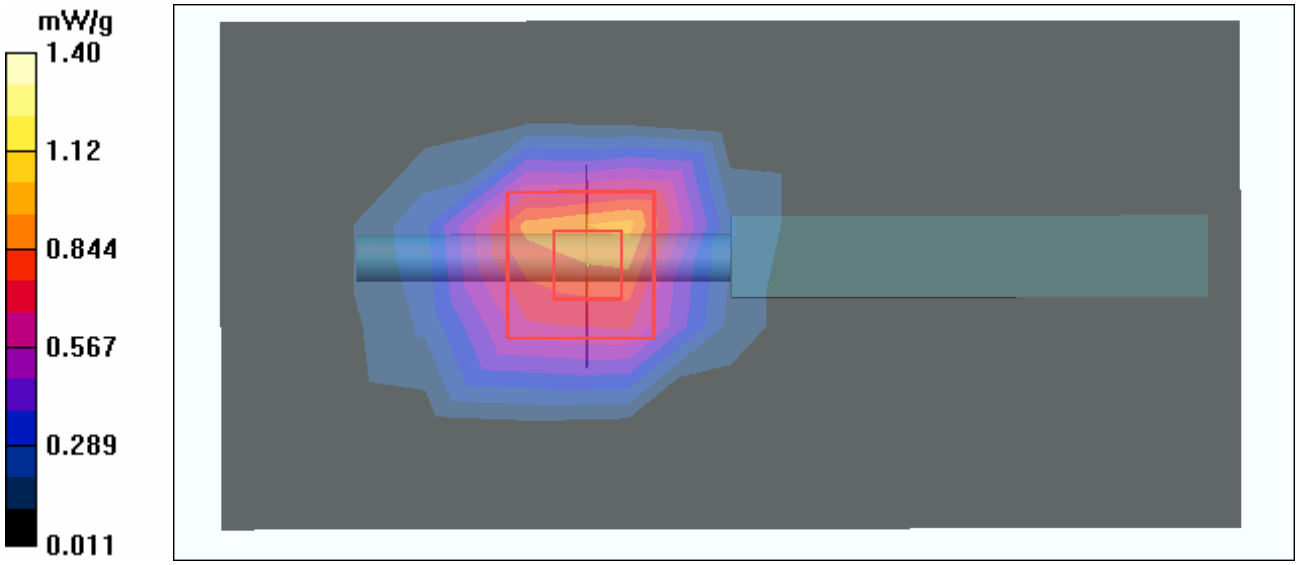
**DUT: Class 1 Bluetooth v2.0 EDR USB Adapter ; Type: BUB-211 ; Test Frequency: 2480 MHz**

Communication System: Bluetooth ; Frequency: 2480 MHz ; Duty Cycle: 1:1 ; Modulation type: 8DPSK
Medium: MSL2450 Medium parameters used: f = 2480 MHz; $\sigma$ = 2.04 mho/m; $\varepsilon_r$ = 51; $\rho$ = 1000 kg/m$^3$ ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)
Antenna type : Dipole Antenna ; Air temp. : 21.8 degrees ; Liquid temp. : 20.6 degrees

DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23 ; Postprocessing SW: SEMCAD, V1.8 Build 160

**High Channel 78/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.976 mW/g

**High Channel 78/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.7 V/m
Peak SAR (extrapolated) = 2.74 W/kg
**SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.572 mW/g**
Maximum value of SAR (measured) = 1.40 mW/g



Date/Time: 2006/2/9 10:03:17

Test Laboratory: Advance Data Technology

## System Validation Check-MSL 2450MHz

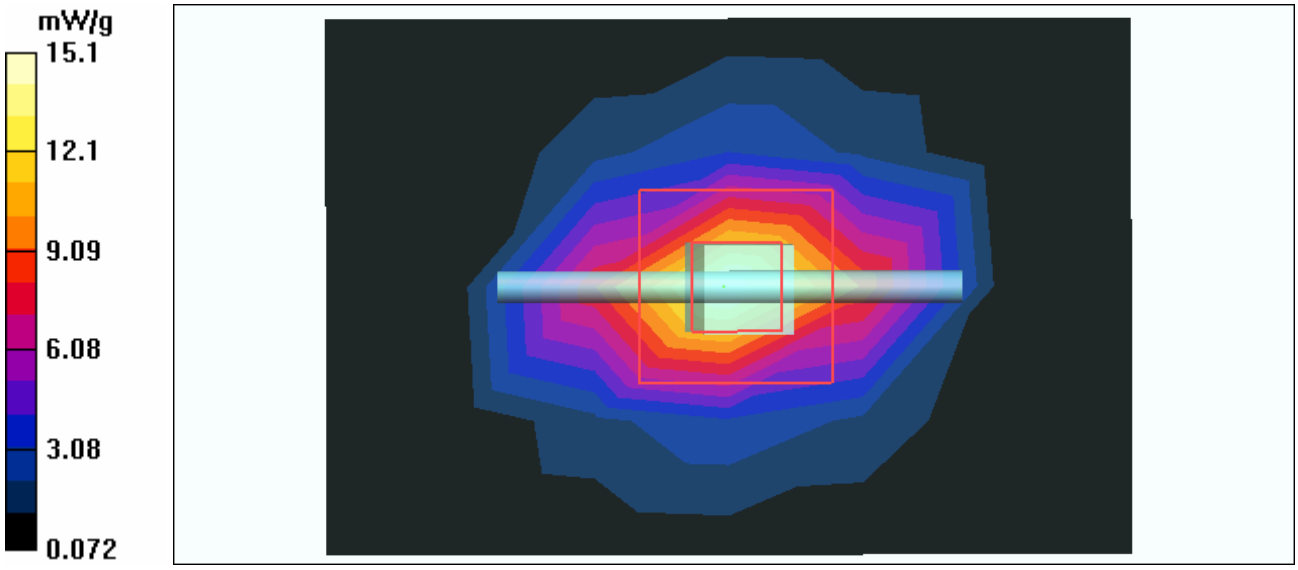
**DUT: Dipole 2450 MHz ; Type: D2450V2 ; Serial: 737 ; Test Frequency: 2450 MHz**

Communication System: CW ; Frequency: 2450 MHz; Duty Cycle: 1:1; Modulation type: CW
Medium: MSL2450;Medium parameters used: f = 2450 MHz; $\sigma$ = 2.01 mho/m; $\varepsilon_r$ = 51.1; $\rho$ = 1000 kg/m$^3$ ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom)Air temp. : 21.8 degrees ; Liquid temp. : 20.6 degrees

DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

**d=10mm, Pin=250mW/Area Scan (5x7x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 15.2 mW/g

**d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 91.7 V/m; Power Drift = 0.012 dB
Peak SAR (extrapolated) = 29.6 W/kg
**SAR(1 g) = 13.4 mW/g; SAR(10 g) = 6.07 mW/g**
Maximum value of SAR (measured) = 15.1 mW/g



# APPENDIX B: ADT SAR MEASUREMENT SYSTEM

# APPENDIX C: PHOTOGRAPHS OF SYSTEM VALIDATION