Test Laboratory: Compliance Certification Services Inc.

D2450V2 SN-728 Body

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:728

Communication System: CW2450; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.97 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.4 deg C;Liquid Temperature:24.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Pin=250mW,d=10mm/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 12.4 mW/g

# Pin=250mW,d=10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm,
dy=7.5mm, dz=5mm
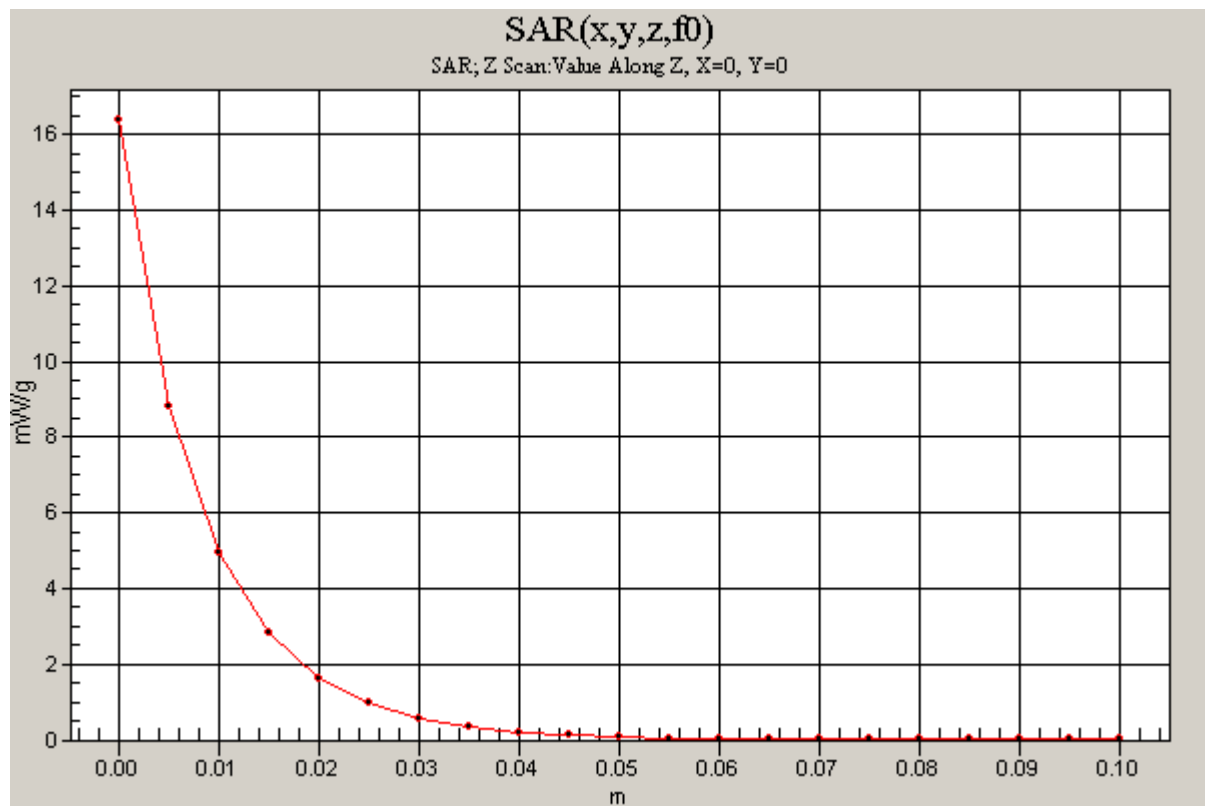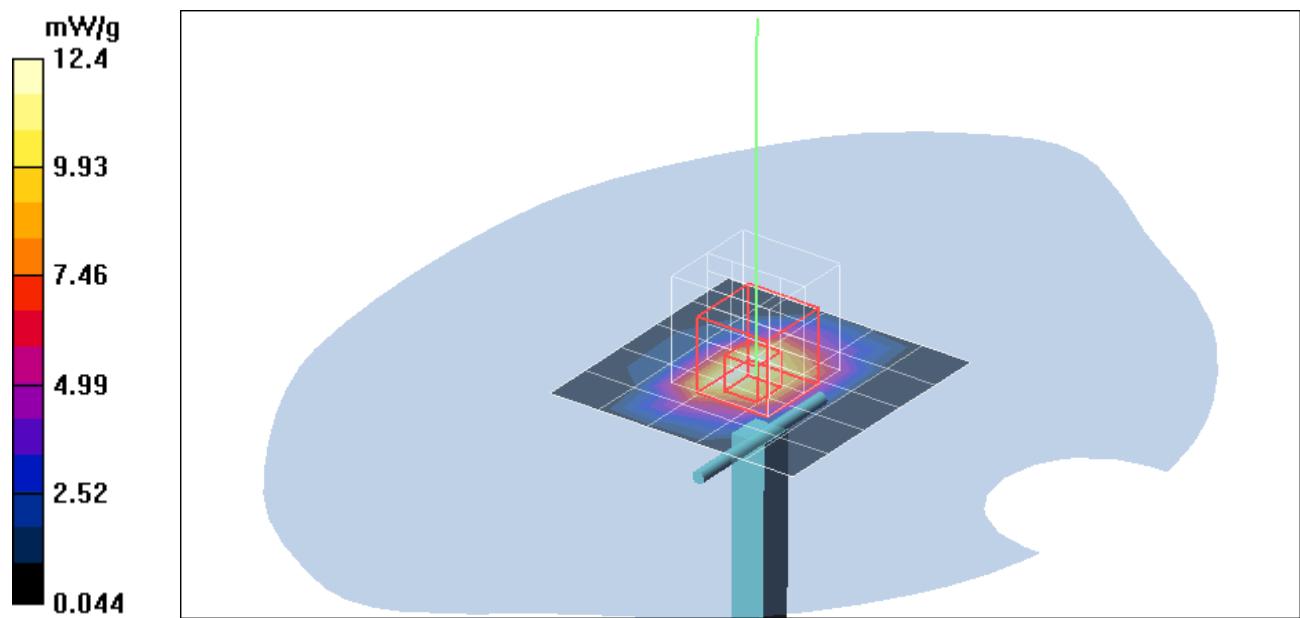Reference Value = 93.3 V/m; Power Drift = -0.058 dB
Peak SAR (extrapolated) = 27.5 W/kg
SAR(1 g) = 14.4 mW/g; SAR(10 g) = 7.41 mW/g
Maximum value of SAR (measured) = 16.3 mW/g

Pin=250mW,d=10mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 16.4 mW/g

SAR(x,y,z,f0)

SAR; Z Scan:Value Along Z, X=0, Y=0

Test Laboratory: Compliance Certification Services Inc.

Bluetooth WD-3400 Bottom Touch mode

DUT: WD-3400; Type: USB ; Serial: N/A

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.83 mho/m; ε_r = 40; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.4 deg C;Liquid Temperature:24.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Middle CH39/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
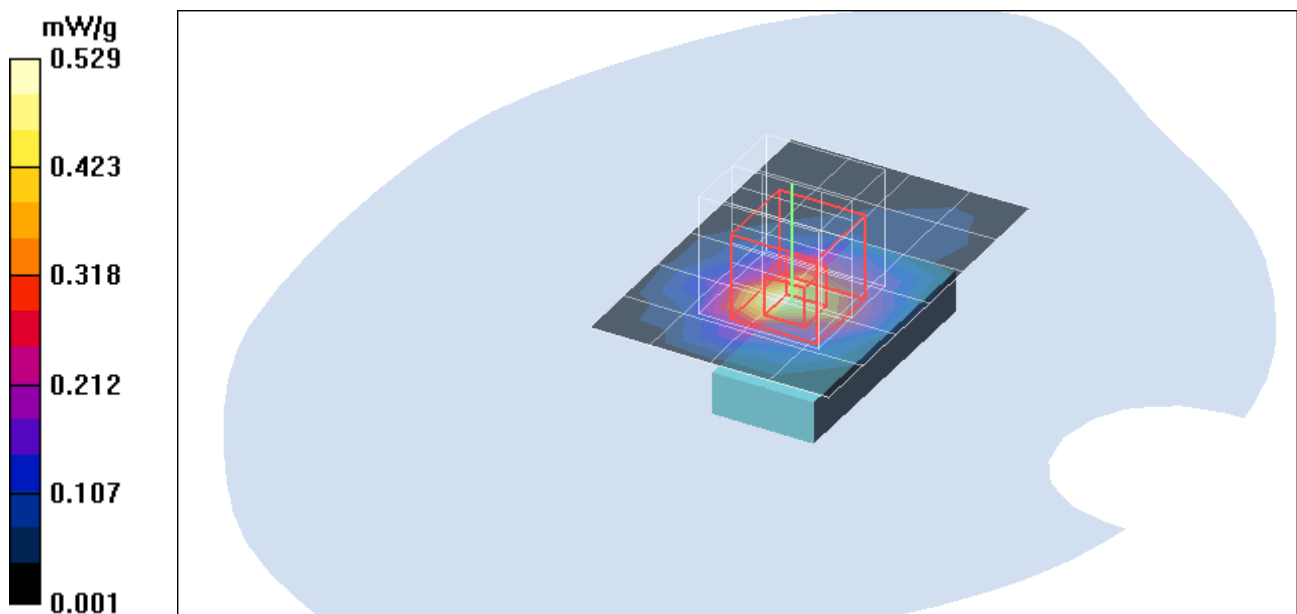Maximum value of SAR (measured) = 0.535 mW/g

Middle CH39/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.7 V/m; Power Drift = -0.006 dB
Peak SAR (extrapolated) = 0.792 W/kg
SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.183 mW/g
Maximum value of SAR (measured) = 0.529 mW/g

Test Laboratory: Compliance Certification Services Inc.

Bluetooth WD-3400 Edge Touch mode

DUT: WD-3400; Type: USB ; Serial: N/A

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2441 MHz; σ = 1.96 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3

Phantom section: Flat Section

Air Temperature:25.4 deg C;Liquid Temperature:24.5 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Middle CH39/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.027 mW/g

Middle CH39/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 3.33 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.045 W/kg

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.012 mW/g
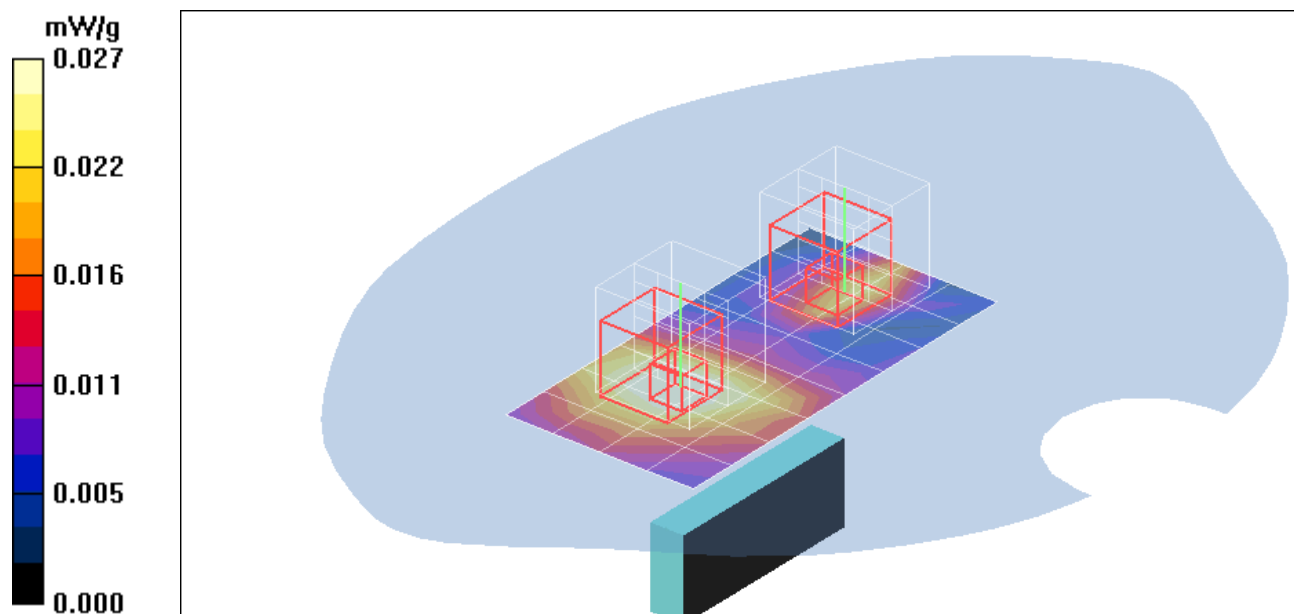
Maximum value of SAR (measured) = 0.033 mW/g

Middle CH39/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 3.33 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.082 W/kg

SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.00925 mW/g

Maximum value of SAR (measured) = 0.025 mW/g

Test Laboratory: Compliance Certification Services Inc.

Bluetooth WD-3400 Tip Touch mode

DUT: WD-3400; Type: USB ; Serial: N/A

Communication System: Bluetooth; Frequency: 2402 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2402 MHz; σ = 1.91 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:25.4 deg C;Liquid Temperature:24.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Low CH00/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm
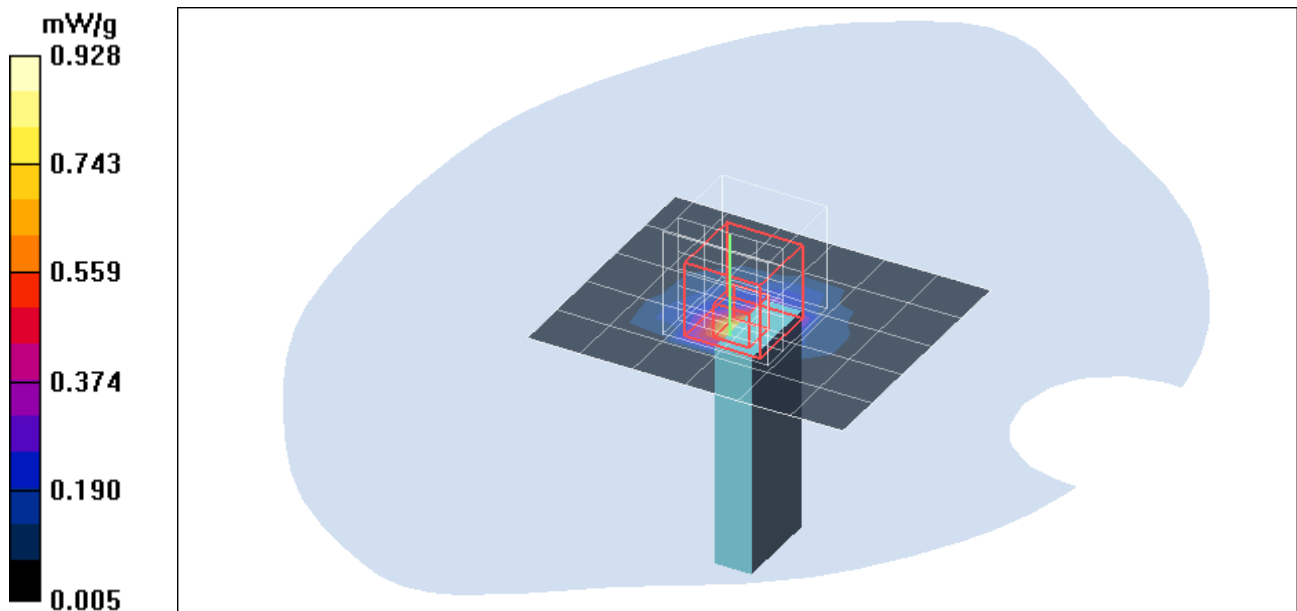Maximum value of SAR (measured) = 0.928 mW/g

Low CH00/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 18.0 V/m; Power Drift = -0.030 dB
Peak SAR (extrapolated) = 2.01 W/kg
SAR(1 g) = 0.538 mW/g; SAR(10 g) = 0.195 mW/g
Maximum value of SAR (measured) = 0.977 mW/g

Test Laboratory: Compliance Certification Services Inc.

Bluetooth WD-3400 Tip Touch mode

DUT: WD-3400; Type: USB ; Serial: N/A

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2441 MHz; σ = 1.96 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3

Phantom section: Flat Section

Air Temperature:25.4 deg C;Liquid Temperature:24.5 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Middle CH39/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

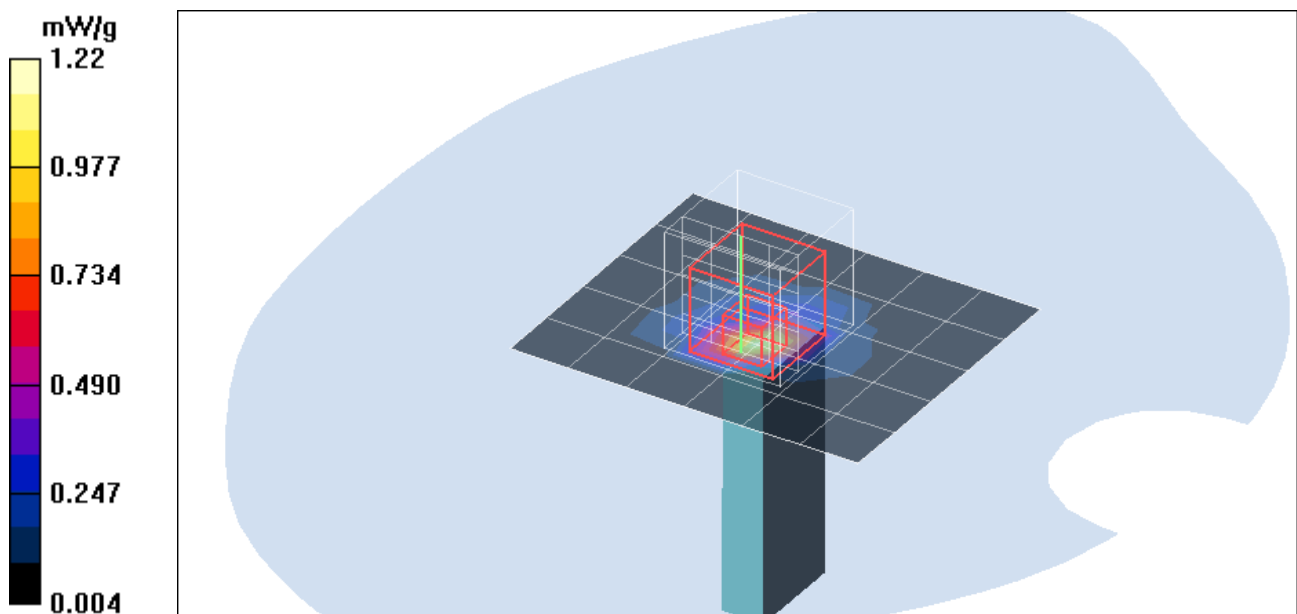Maximum value of SAR (measured) = 1.13 mW/g

Middle CH39/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 20.1 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 2.53 W/kg

SAR(1 g) = 0.685 mW/g; SAR(10 g) = 0.246 mW/g

Maximum value of SAR (measured) = 1.22 mW/g

Test Laboratory: Compliance Certification Services Inc.

Bluetooth WD-3400 Tip Touch mode

DUT: WD-3400; Type: USB ; Serial: N/A

Communication System: Bluetooth; Frequency: 2480 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2480 MHz; σ = 2.04 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3

Phantom section: Flat Section

Air Temperature:25.4 deg C;Liquid Temperature:24.5 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

High CH78/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.22 mW/g

High CH78/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 20.5 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 2.76 W/kg

SAR(1 g) = 0.749 mW/g; SAR(10 g) = 0.271 mW/g

Maximum value of SAR (measured) = 1.30 mW/g

High CH78/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.31 mW/g

SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0