APPENDIX A: TEST CONFIGURATIONS AND TEST DATA

A1: TEST CONFIGURATION

Mode 1

The bottom side of the EUT to the flat phantom distance 0mm

Mode 2

The front side of the EUT to the flat phantom distance 0mm

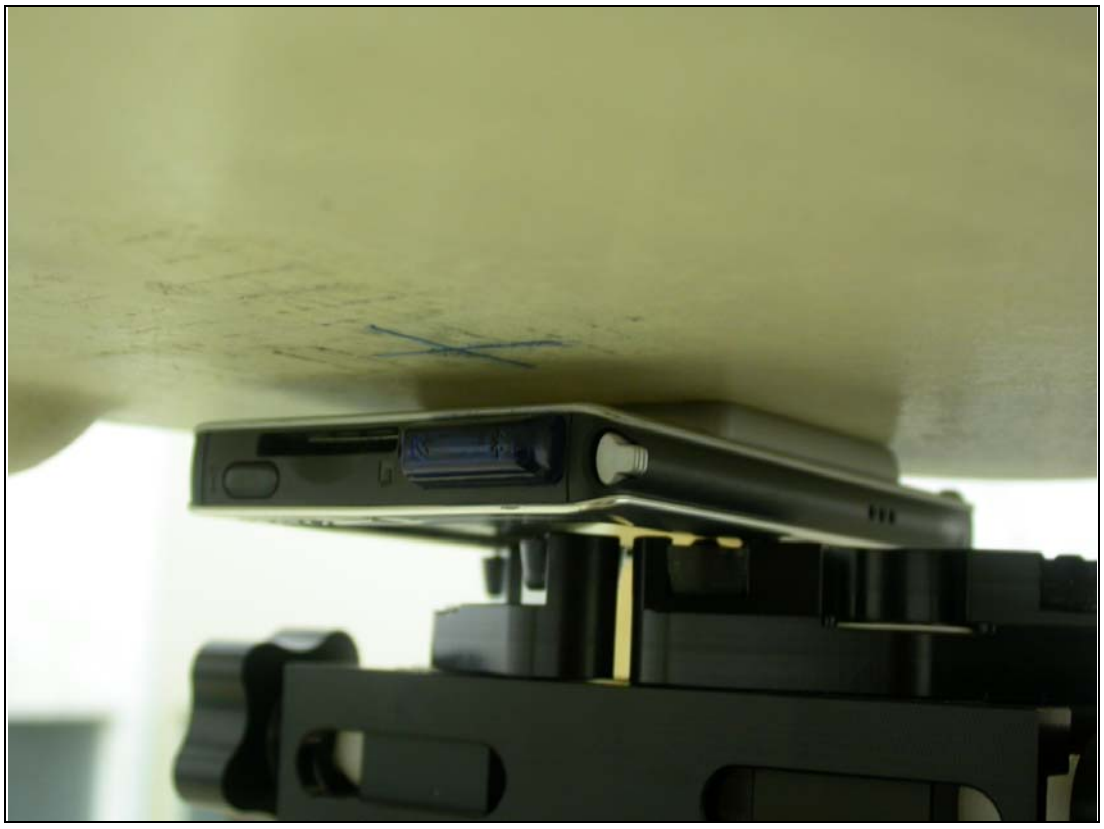
Mode 3

The tip side of the EUT to the flat phantom distance 0mm

Mode 4

The bottom side of the EUT attached the belt clip to the flat phantom distance 11mm

Mode 5



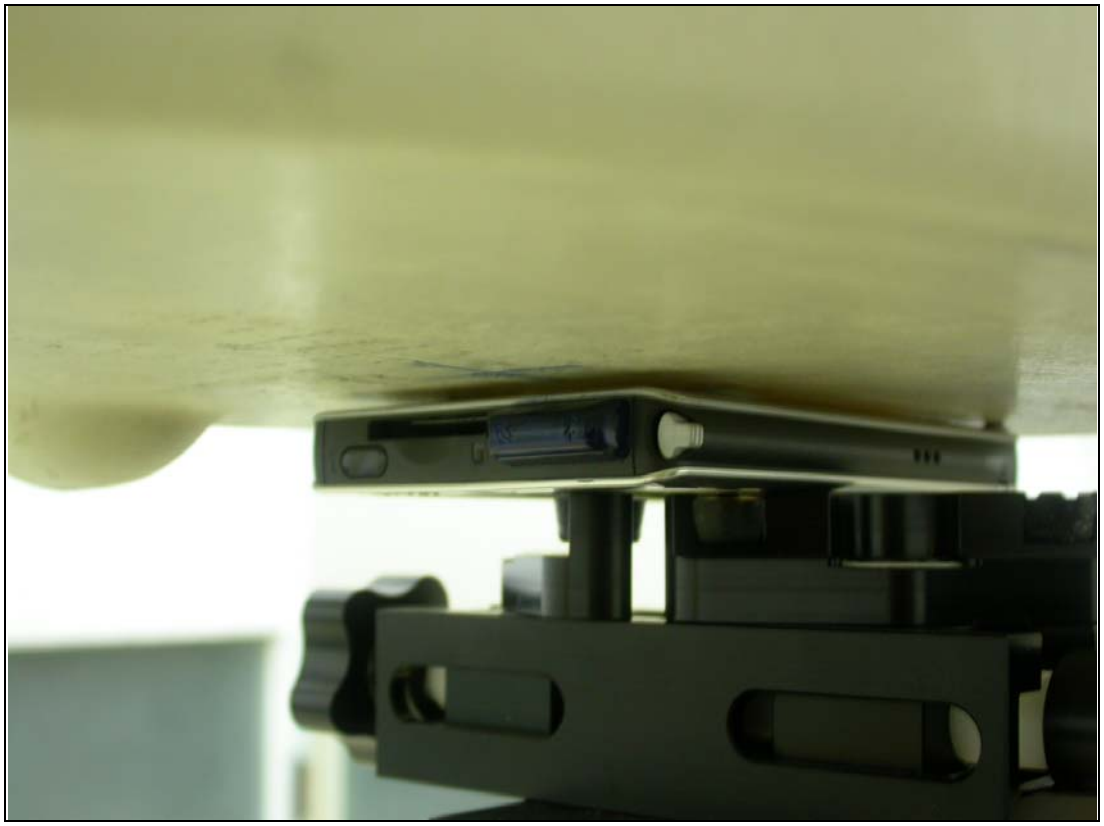
The bottom side of the EUT to the flat phantom distance 0mm

Antenna to the flat phantom distance is 9mm

Mode 6

The front side of the EUT to the flat phantom distance 0mm

Mode 7

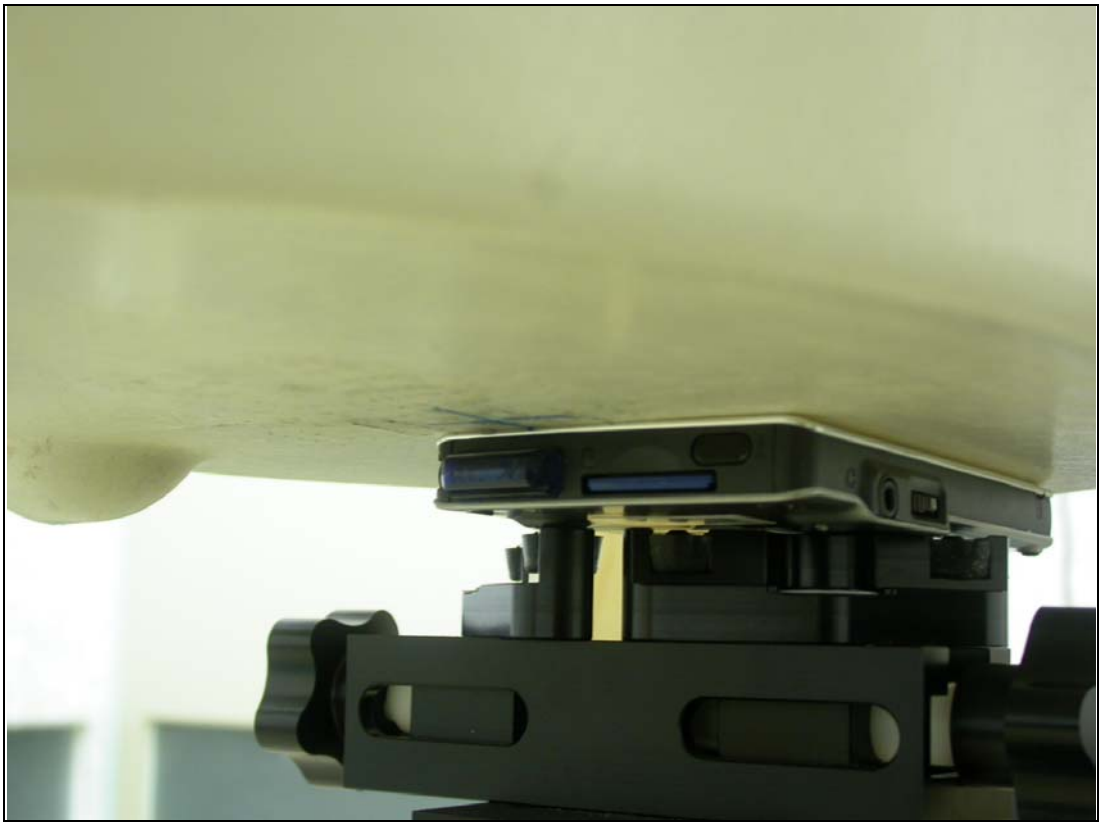


The bottom side of the EUT to the flat phantom distance 0mm

Mode 8

The front side of the EUT to the flat phantom distance 0mm

Mode 9



SD card is plugged in the EUT and the front side of the EUT to the flat phantom distance 0mm

EUT Photo


AXIM
Pocket PC

Liquid Level Photo

2450MHz D=155mm

A2 : TEST DATA

Date/Time: 08/01/03 14:00:52

Test Laboratory: Advance Data Technology

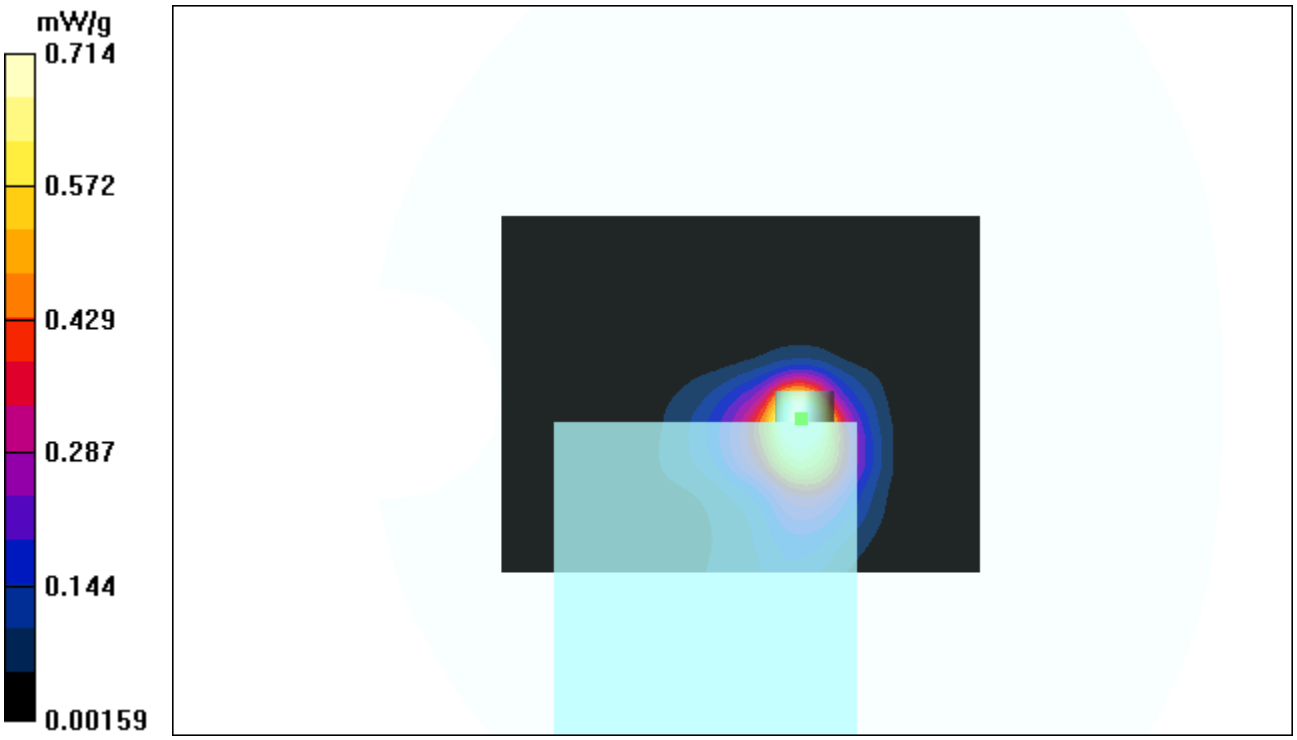
PDA HC02U Mode 1 with the fully charged battery(Sanyo, model: UF553450R)

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.938 mho/m, ε_r = 52.79, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The bottom of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23degrees ; Liquid temp. : 21 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 1/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 17.5 V/m
Power Drift = 0.2 dB
Maximum value of SAR = 0.828 mW/g

PDA Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.679 mW/g; SAR(10 g) = 0.314 mW/g
Reference Value = 17.5 V/m
Power Drift = 0.2 dB
Maximum value of SAR = 0.714 mW/g



Date/Time: 08/01/03 14:00:52

Test Laboratory: Advance Data Technology

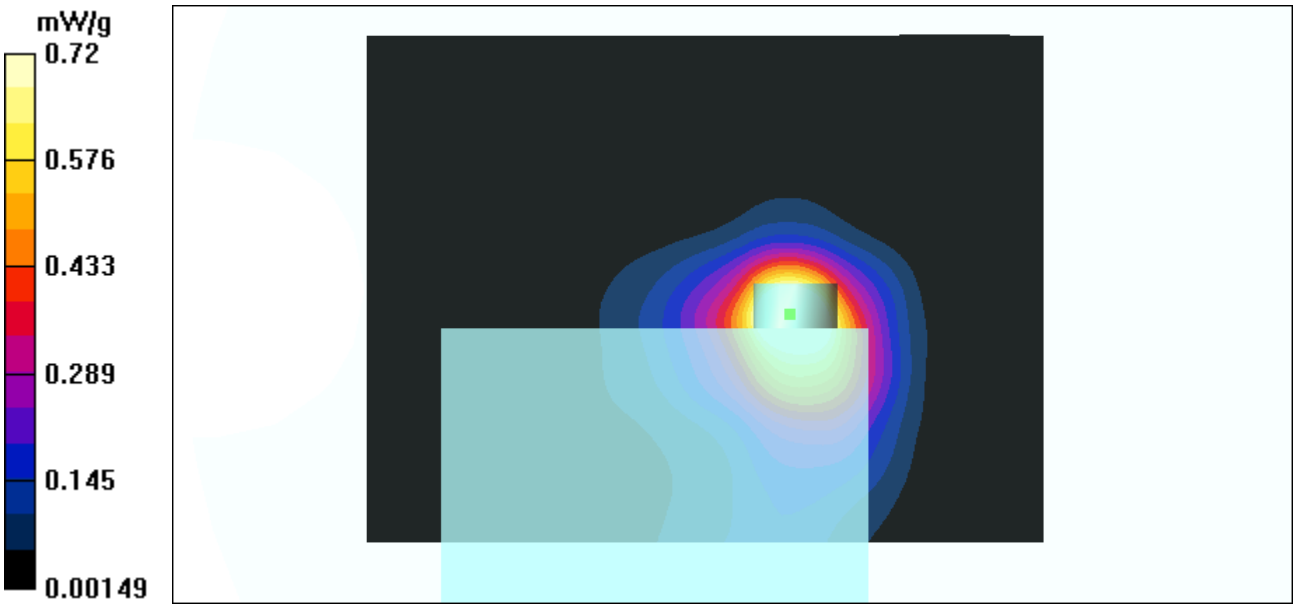
PDA HC02U Mode 1 with the fully charged battery(Sanyo, model: UF553450R)

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.966 mho/m, ε_r = 52.67, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The bottom side of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 6/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 20 V/m
Power Drift = -0.02 dB
Maximum value of SAR = 0.936 mW/g

PDA Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 0.702 mW/g; SAR(10 g) = 0.32 mW/g
Reference Value = 20 V/m
Power Drift = -0.02 dB
Maximum value of SAR = 0.72 mW/g



Date/Time: 08/01/03 14:00:52

Test Laboratory: Advance Data Technology

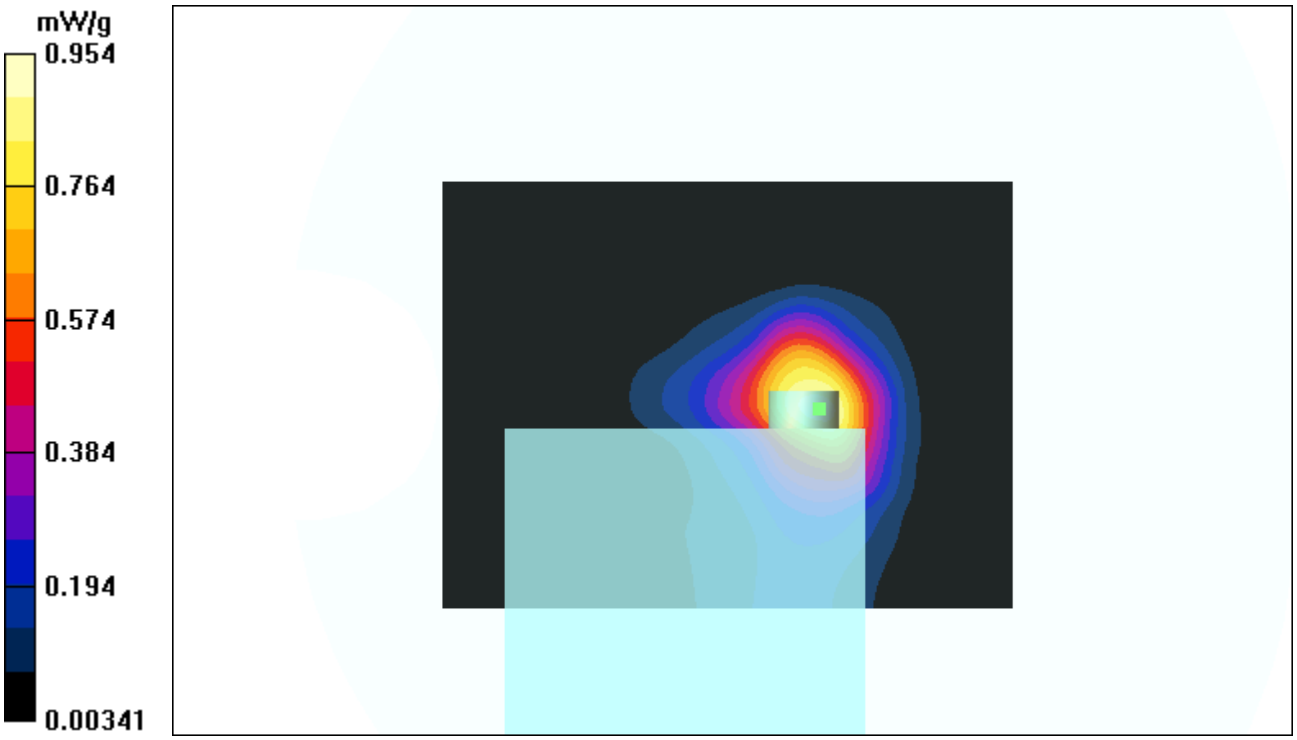
PDA HC02U Mode 1 with the fully charged battery(Sanyo, model: UF553450R)

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.998 mho/m, ε= 52.55, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The bottom of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23degrees ; Liquid temp. : 21 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 11/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 21.8 V/m
Power Drift = 0.02 dB
Maximum value of SAR = 0.919 mW/g

PDA Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 2.43 W/kg
SAR(1 g) = 0.912 mW/g; SAR(10 g) = 0.423 mW/g
Reference Value = 21.8 V/m
Power Drift = 0.02 dB
Maximum value of SAR = 0.954 mW/g



Date/Time: 08/01/03 15:51:24

Test Laboratory: Advance Data Technology

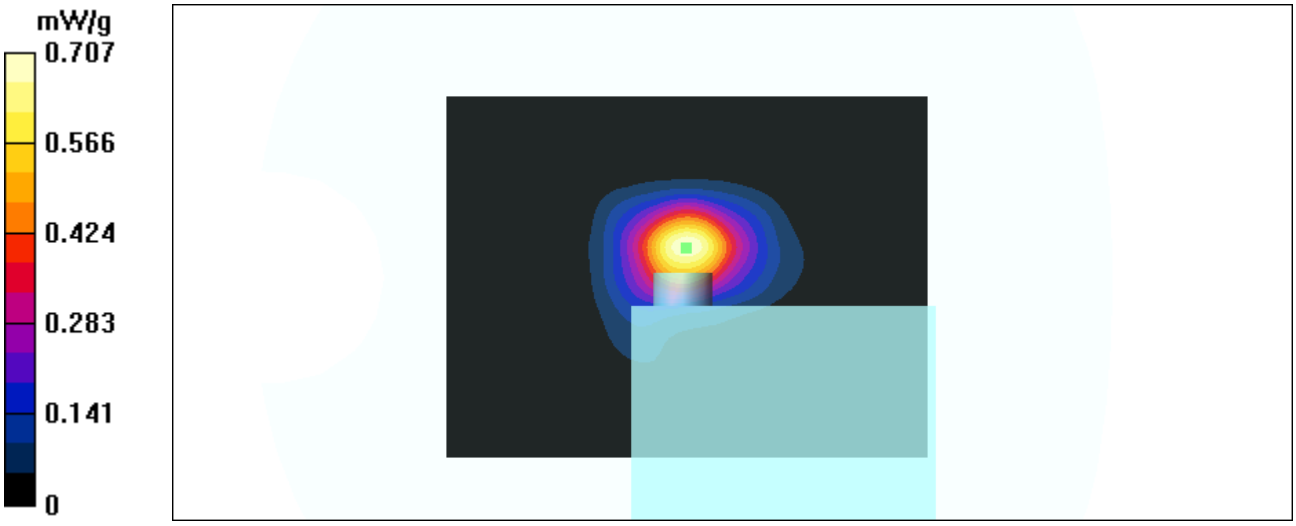
PDA HC02U Mode 2 with the fully charged battery(Sanyo, model: UF553450R)

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.938 mho/m, ε_r = 52.79, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(Front side of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 21 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 1/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 16.5 V/m
Power Drift = 0.3 dB
Maximum value of SAR = 0.707 mW/g

PDA Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.85 W/kg
SAR(1 g) = 0.721 mW/g; SAR(10 g) = 0.288 mW/g
Reference Value = 16.5 V/m
Power Drift = 0.3 dB
Maximum value of SAR = 0.787 mW/g



Date/Time: 08/01/03 15:51:24

Test Laboratory: Advance Data Technology

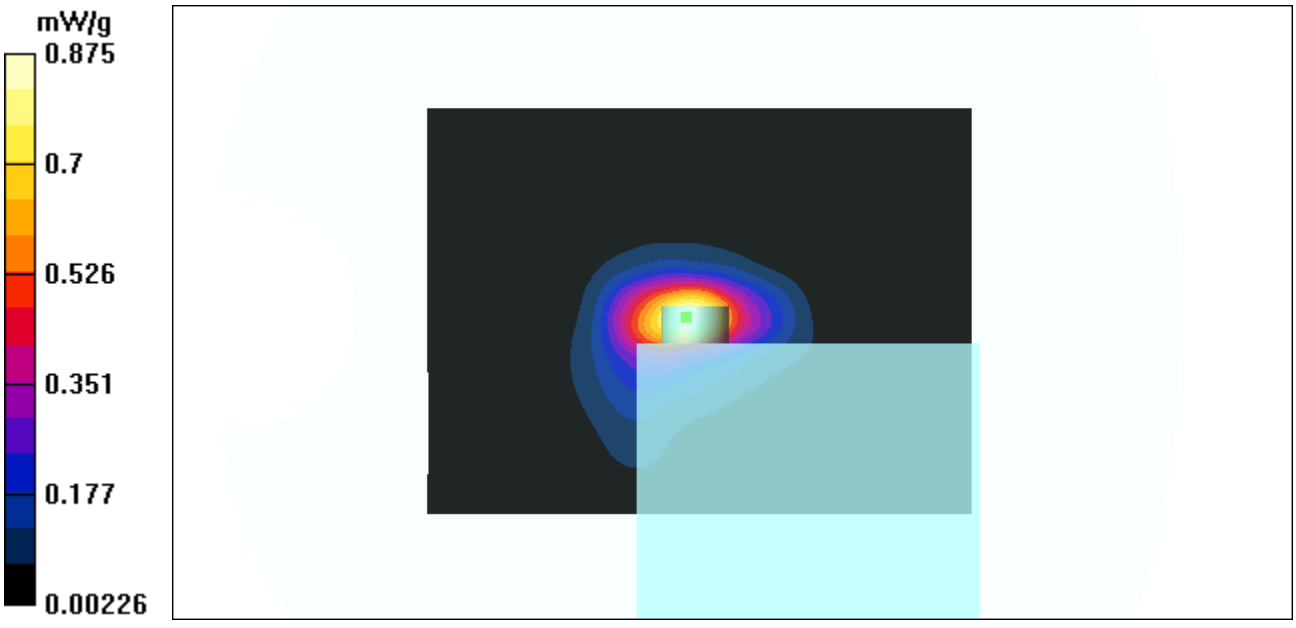
PDA HC02U Mode 2 with the fully charged battery(Sanyo, model: UF553450R)

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.966 mho/m, ε_r = 52.67, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(Front side of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 21 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 6/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 21.2 V/m
Power Drift = 0.3 dB
Maximum value of SAR = 0.885 mW/g

PDA Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 2.3 W/kg
SAR(1 g) = 0.815 mW/g; SAR(10 g) = 0.315 mW/g
Reference Value = 21.2 V/m
Power Drift = 0.3 dB
Maximum value of SAR = 0.875 mW/g



Date/Time: 08/01/03 15:51:24

Test Laboratory: Advance Data Technology

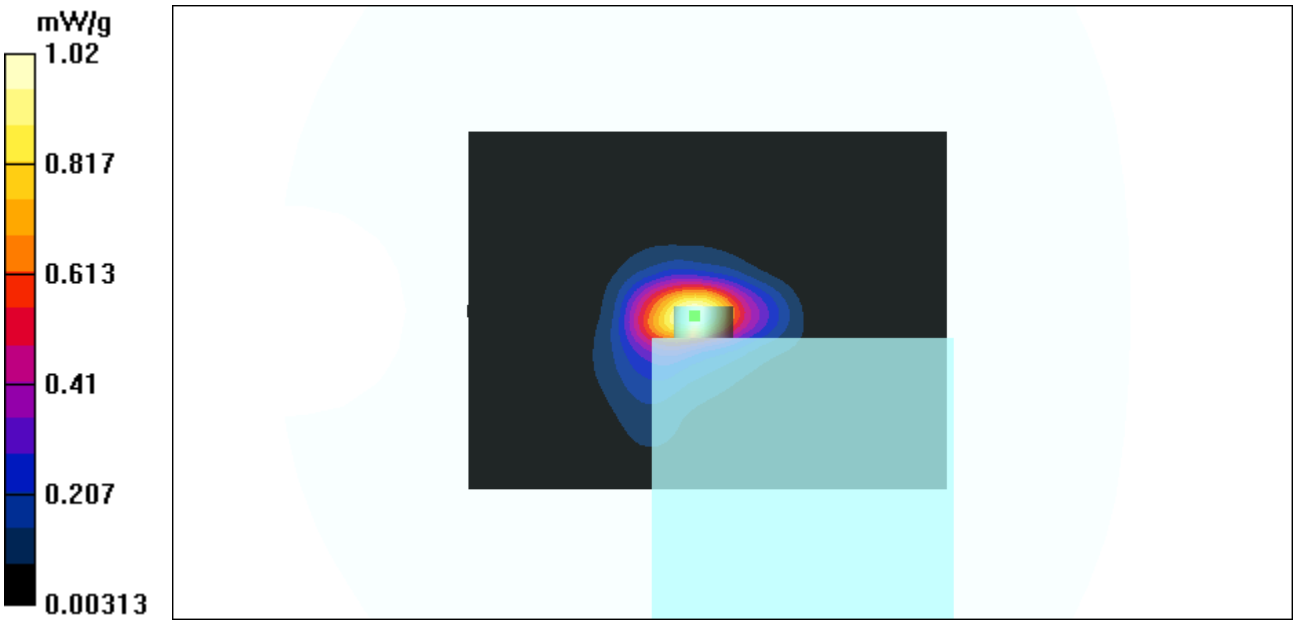
PDA HC02U Mode 2 with the fully charged battery(Sanyo, model: UF553450R)

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.998 mho/m, ε= 52.55, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(Front side of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 21 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 11/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 22.9 V/m
Power Drift = 0.08 dB
Maximum value of SAR = 1.06 mW/g

PDA Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 2.75 W/kg
SAR(1 g) = 0.975 mW/g; SAR(10 g) = 0.373 mW/g
Reference Value = 22.9 V/m
Power Drift = 0.08 dB
Maximum value of SAR = 1.02 mW/g



Date/Time: 08/01/03 12:06:52

Test Laboratory: Advance Data Technology

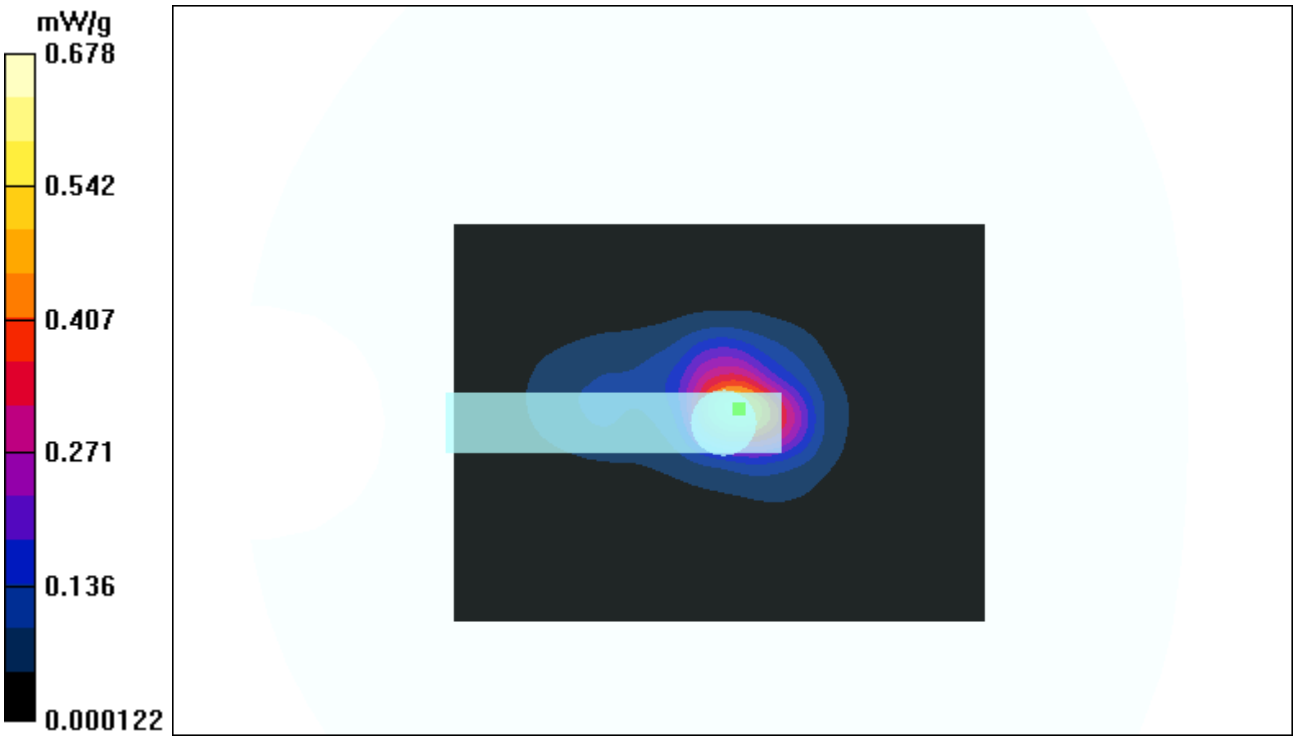
PDA HC02U Mode 3 with the fully charged battery(Sanyo, model: UF553450R)

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.938 mho/m, ε_r = 52.79, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The tip of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23degrees ; Liquid temp. : 21degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 1/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 15.8 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.526 mW/g

PDA Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 2.05 W/kg
SAR(1 g) = 0.605 mW/g; SAR(10 g) = 0.213 mW/g
Reference Value = 15.8 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.678 mW/g



Date/Time: 08/01/03 12:06:52

Test Laboratory: Advance Data Technology

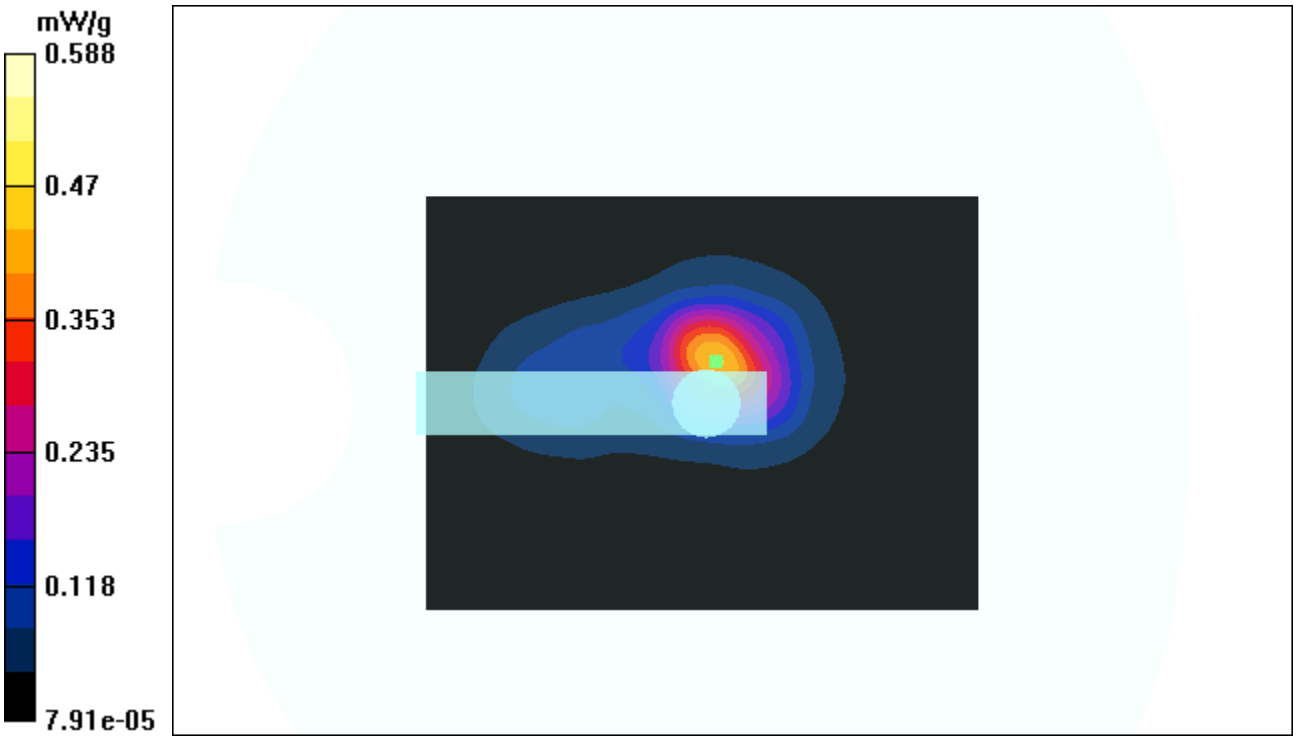
PDA HC02U Mode 3 with the fully charged battery(Sanyo, model: UF553450R)

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.966 mho/m, ε_r = 52.67, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The tip of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23degrees ; Liquid temp. : 21degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 6/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 11.9 V/m
Power Drift = 0.08 dB
Maximum value of SAR = 0.438 mW/g

PDA Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 2.01 W/kg
SAR(1 g) = 0.58 mW/g; SAR(10 g) = 0.202 mW/g
Reference Value = 11.9 V/m
Power Drift = 0.08 dB
Maximum value of SAR = 0.588 mW/g



Date/Time: 08/01/03 12:06:52

Test Laboratory: Advance Data Technology

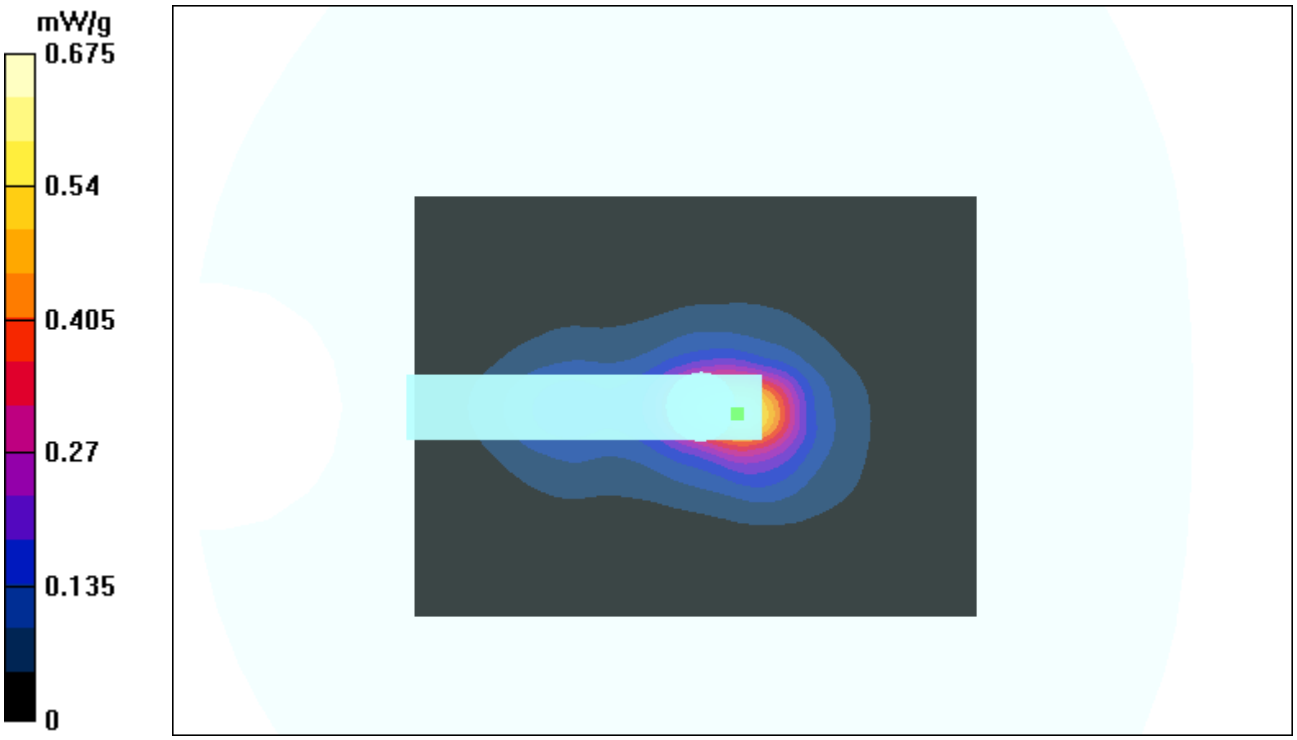
PDA HC02U Mode 3 with the fully charged battery(Sanyo, model: UF553450R)

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.998 mho/m, ε_r = 52.55, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The tip of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23degrees ; Liquid temp. : 21degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 11/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 16.9 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.622 mW/g

PDA Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 2.37 W/kg
SAR(1 g) = 0.649 mW/g; SAR(10 g) = 0.236 mW/g
Reference Value = 16.9 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.675 mW/g



Date/Time: 08/01/03 19:26:10

Test Laboratory: Advance Data Technology

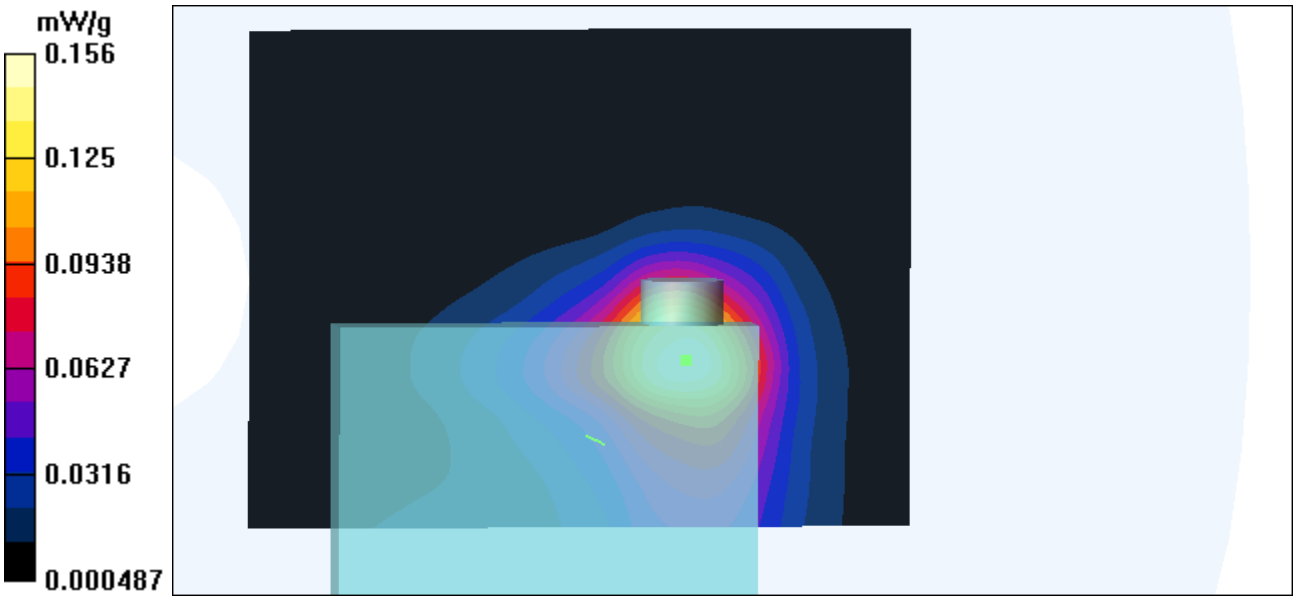
PDA HC02U Mode 4 with the fully charged battery(Sanyo, model: UF553450R)

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.938 mho/m, ε_r = 52.79, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The bottom side of the EUT to the Phantom and EUT attached the belt clip)
Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 1/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 6.54 V/m
Power Drift = -0.3 dB
Maximum value of SAR = 0.153 mW/g

PDA Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.322 W/kg
SAR(1 g) = 0.15 mW/g; SAR(10 g) = 0.074 mW/g
Reference Value = 6.54 V/m
Power Drift = -0.3 dB
Maximum value of SAR = 0.156 mW/g



Date/Time: 08/01/03 19:26:10

Test Laboratory: Advance Data Technology

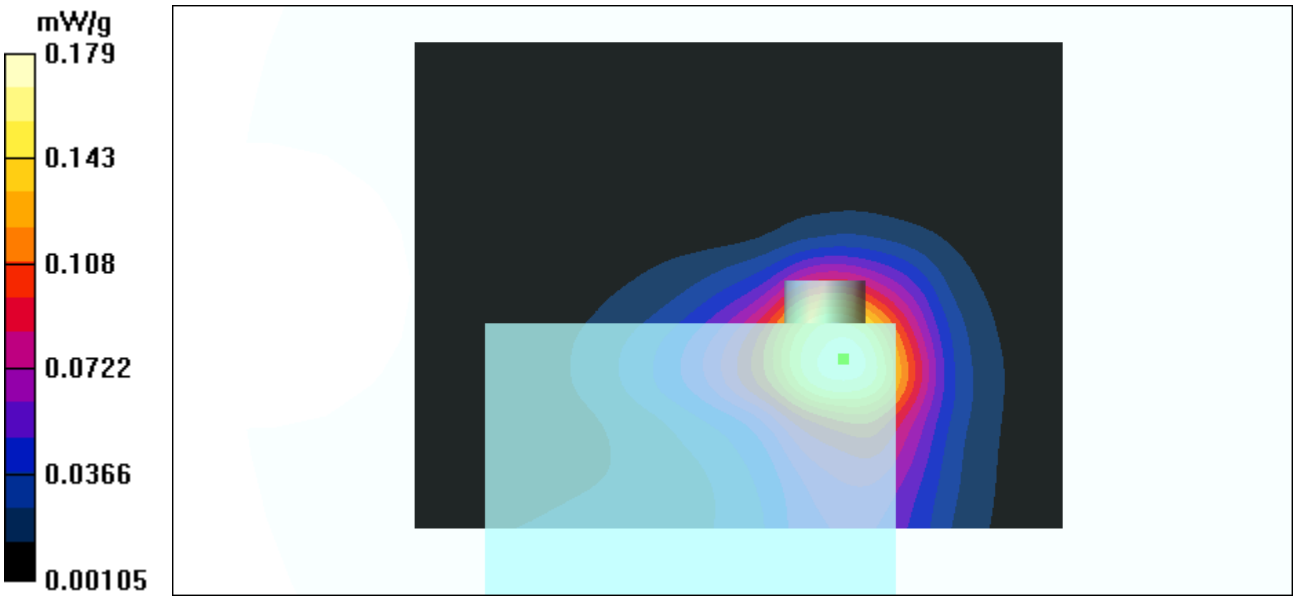
PDA HC02U Mode 4 with the fully charged battery(Sanyo, model: UF553450R)

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.966 mho/m, ε_r = 52.67, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The bottom side of the EUT to the Phantom and EUT attached the belt clip)
Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 6/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 7.3 V/m
Power Drift = 0.009 dB
Maximum value of SAR = 0.174 mW/g

PDA Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.382 W/kg
SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.0846 mW/g
Reference Value = 7.3 V/m
Power Drift = 0.009 dB
Maximum value of SAR = 0.179 mW/g



Date/Time: 08/01/03 19:26:10

Test Laboratory: Advance Data Technology

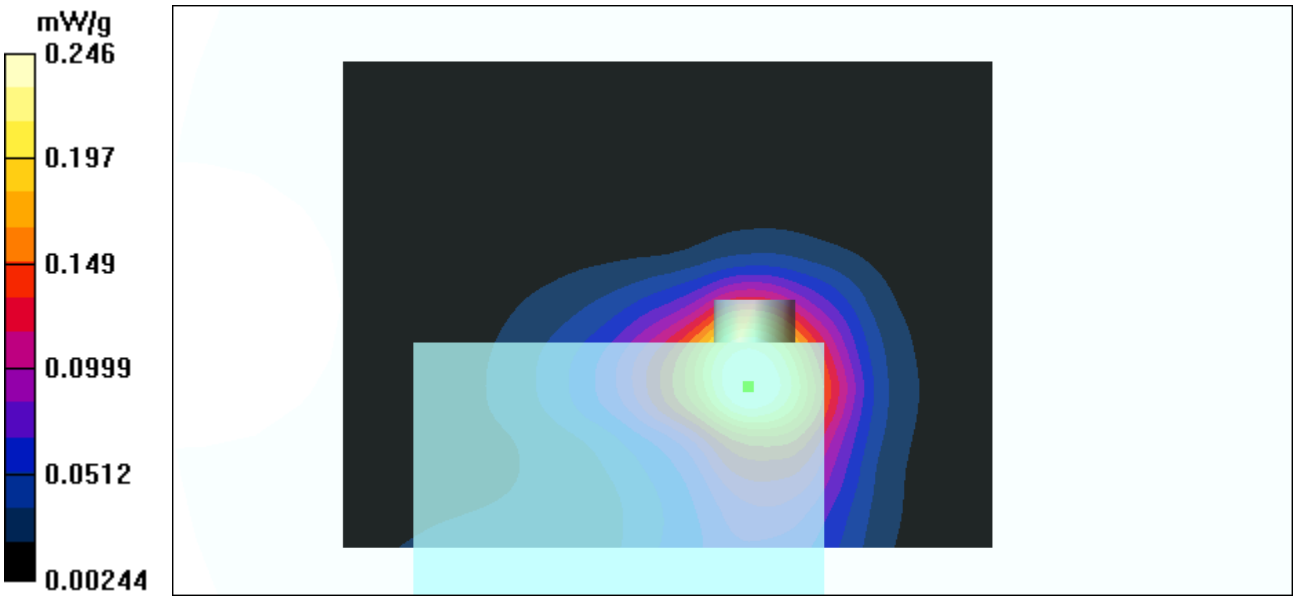
PDA HC02U Mode 4 with the fully charged battery(Sanyo, model: UF553450R)

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.998 mho/m, ε_r = 52.546, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The bottom side of the EUT to the Phantom and EUT attached the belt clip)
Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 11/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 8.86 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.248 mW/g

PDA Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.52 W/kg
SAR(1 g) = 0.237 mW/g; SAR(10 g) = 0.118 mW/g
Reference Value = 8.86 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.246 mW/g



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Test Laboratory: Advance Data Technology

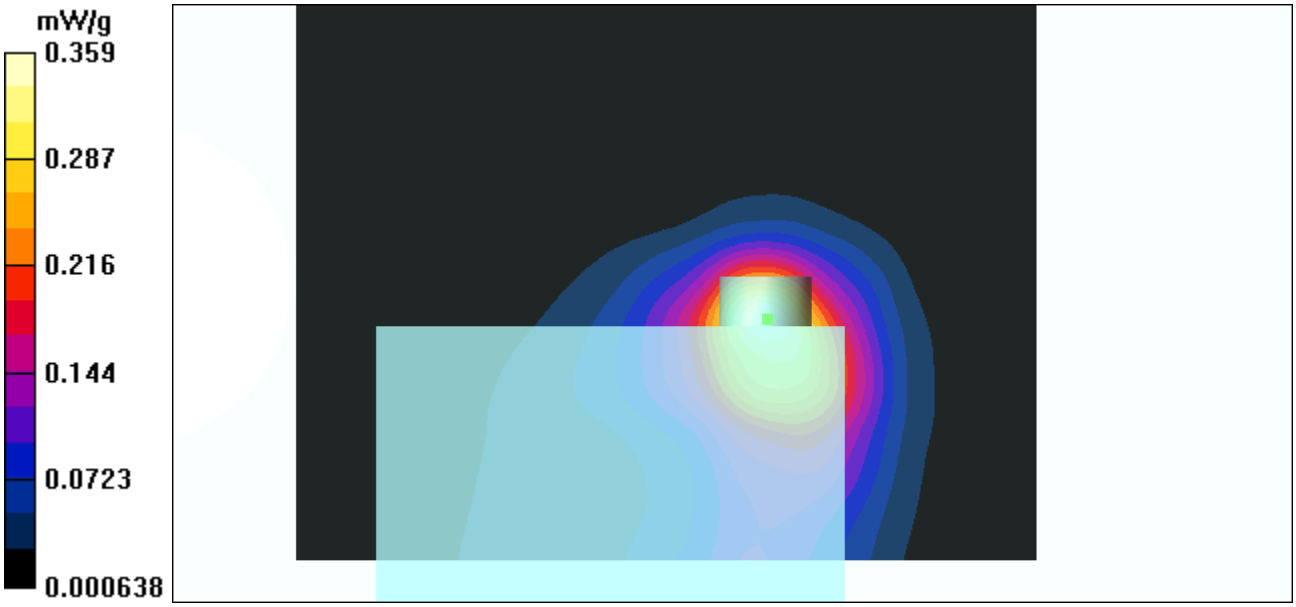
PDA HC02U Mode 5 wtih the fully charged battery (Sanyo, model UF103450P)

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.938 mho/m, ε_r = 52.79, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 7mm(The bottom of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 1/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 12.2 V/m
Power Drift = -0.06 dB
Maximum value of SAR = 0.364 mW/g

PDA Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.808 W/kg
SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.156 mW/g
Reference Value = 12.2 V/m
Power Drift = -0.06 dB
Maximum value of SAR = 0.359 mW/g



Date/Time: 08/01/03 23:40:10

Test Laboratory: Advance Data Technology

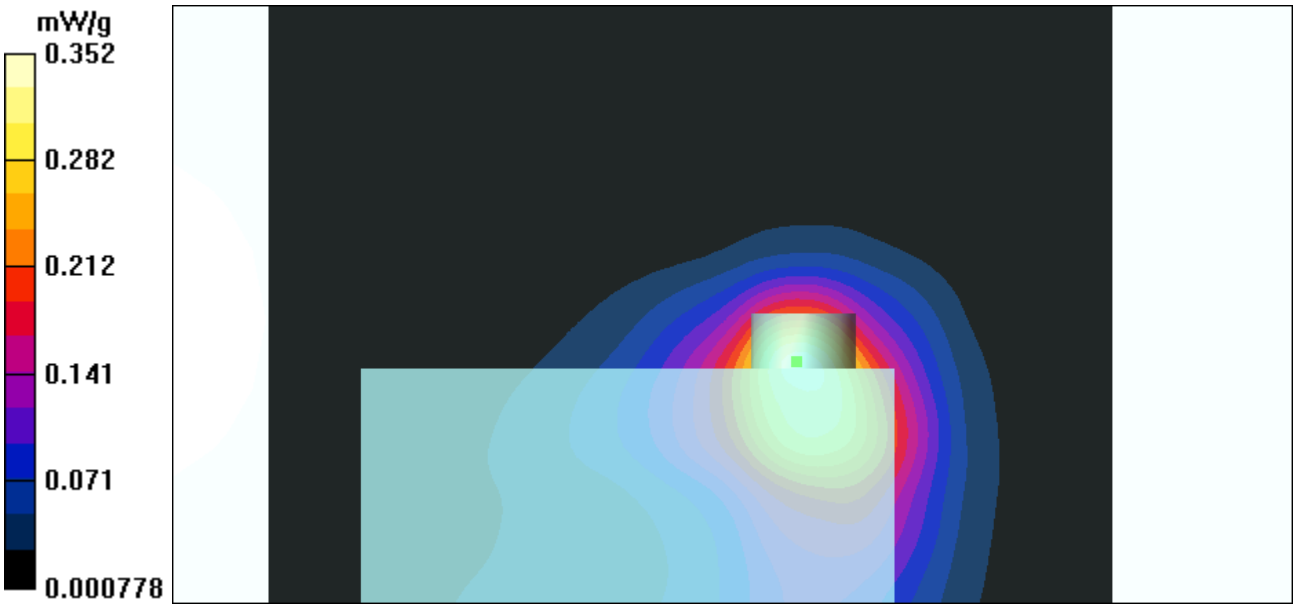
PDA HC02U Mode 5 wtih the fully charged battery (Sanyo, model UF103450P)

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.966 mho/m, ε_r = 52.67, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 7mm(The bottom of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 6/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 11.5 V/m
Power Drift = -0.04 dB
Maximum value of SAR = 0.344 mW/g

PDA Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.827 W/kg
SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.155 mW/g
Reference Value = 11.5 V/m
Power Drift = -0.04 dB
Maximum value of SAR = 0.352 mW/g



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Test Laboratory: Advance Data Technology

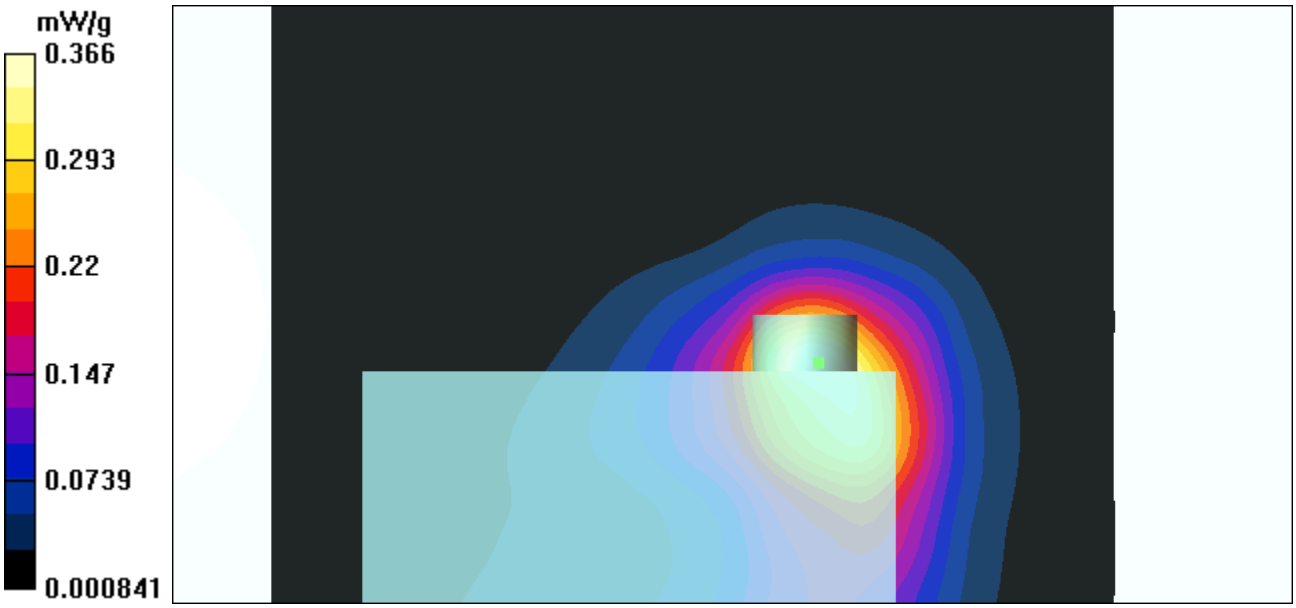
PDA HC02U Mode 5 wtih the fully charged battery (Sanyo, model UF103450P)

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.998 mho/m, ε_r = 52.55, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 7mm(The bottom of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 11/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 12.1 V/m
Power Drift = -0.09 dB
Maximum value of SAR = 0.372 mW/g

PDA Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.826 W/kg
SAR(1 g) = 0.352 mW/g; SAR(10 g) = 0.167 mW/g
Reference Value = 12.1 V/m
Power Drift = -0.09 dB
Maximum value of SAR = 0.366 mW/g



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Test Laboratory: Advance Data Technology

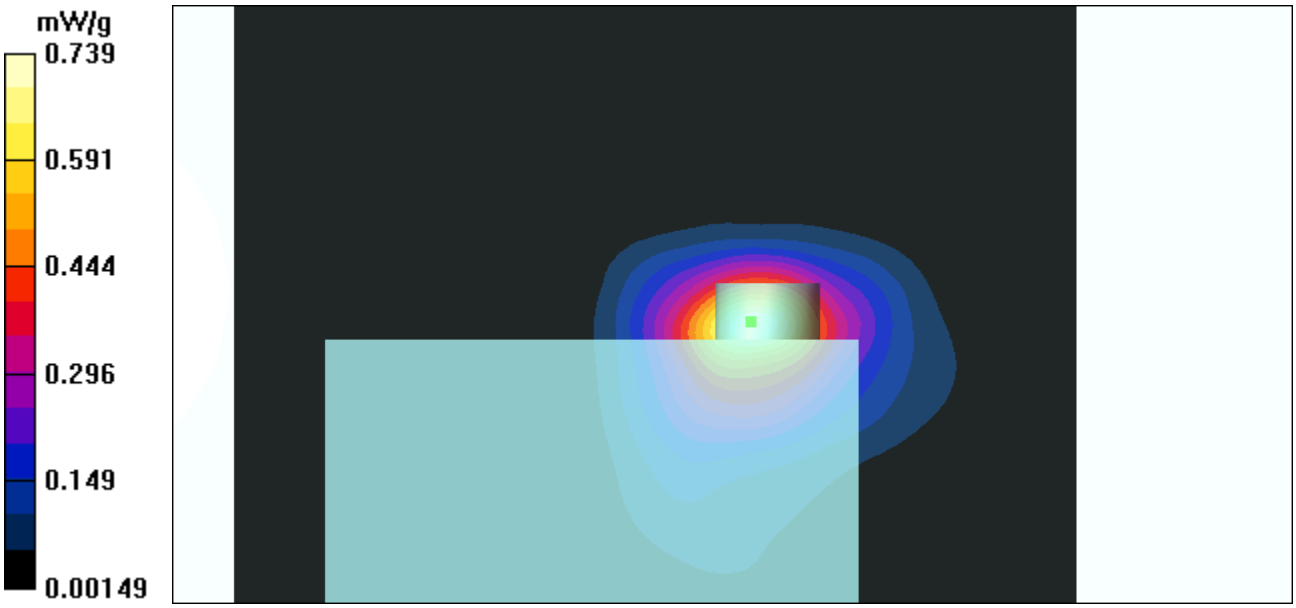
PDA HC02U Mode 6 with the fully charged battery (Sanyo, model UF103450P)

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.938 mho/m, ε_r = 52.79, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(Front side of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 21 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2003/6/2
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 1/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 16.8 V/m
Power Drift = -0.04 dB
Maximum value of SAR = 0.742 mW/g

PDA Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.8 W/kg
SAR(1 g) = 0.67 mW/g; SAR(10 g) = 0.266 mW/g
Reference Value = 16.8 V/m
Power Drift = -0.04 dB
Maximum value of SAR = 0.739 mW/g



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Test Laboratory: Advance Data Technology

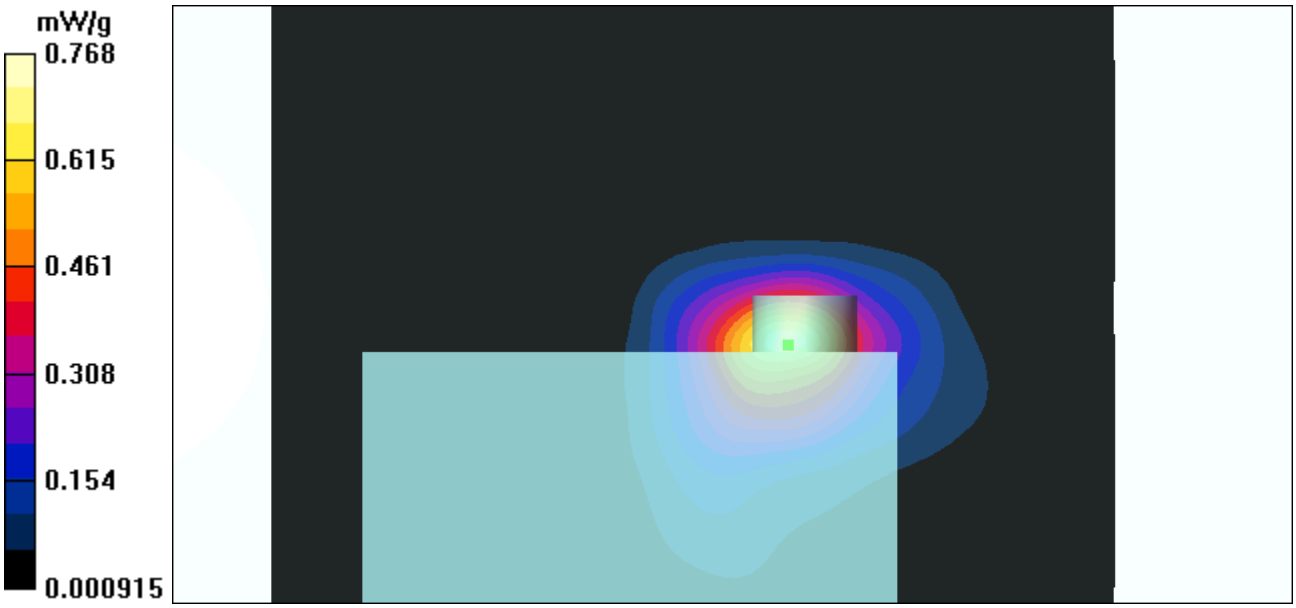
PDA HC02U Mode 6 with the fully charged battery (Sanyo, model UF103450P)

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.966 mho/m, ε_r = 52.67, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(Front side of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 21 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2003/6/2
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 6/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 15.9 V/m
Power Drift = 0.2 dB
Maximum value of SAR = 0.697 mW/g

PDA Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 0.692 mW/g; SAR(10 g) = 0.273 mW/g
Reference Value = 15.9 V/m
Power Drift = 0.2 dB
Maximum value of SAR = 0.768 mW/g



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Test Laboratory: Advance Data Technology

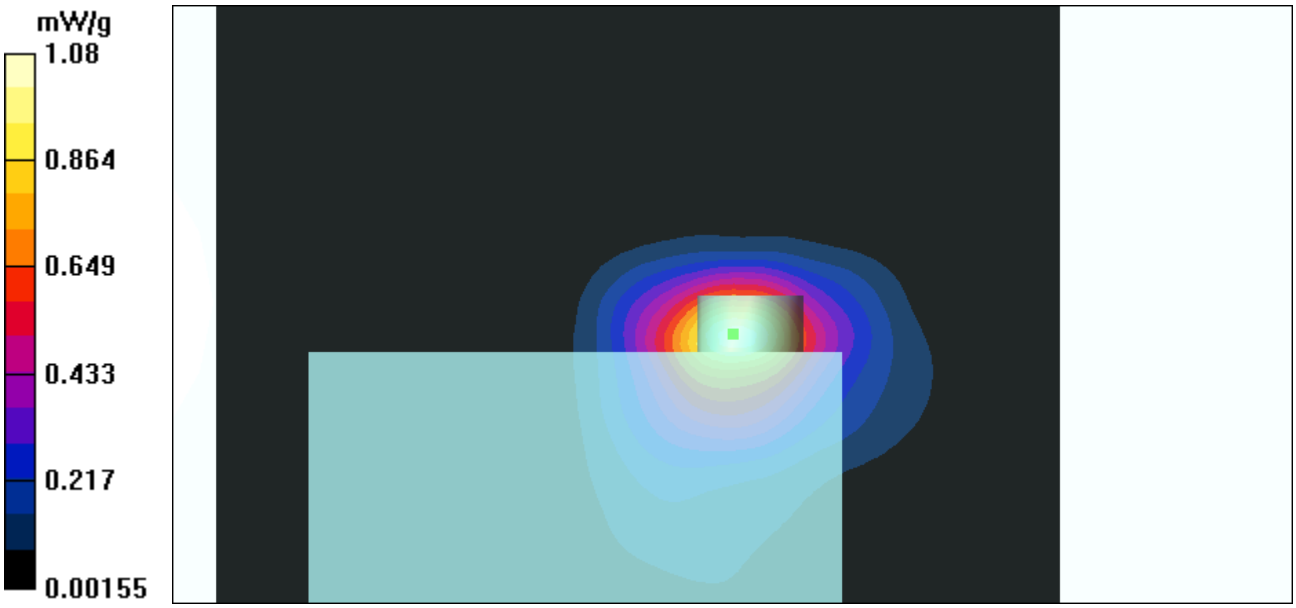
PDA HC02U Mode 6 with the fully charged battery (Sanyo, model UF103450P)

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.998 mho/m, ε_r = 52.55, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(Front side of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 21 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2003/6/2
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 11/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 19.5 V/m
Power Drift = 0.2 dB
Maximum value of SAR = 1.06 mW/g

PDA Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 2.66 W/kg
SAR(1 g) = 0.973 mW/g; SAR(10 g) = 0.382 mW/g
Reference Value = 19.5 V/m
Power Drift = 0.2 dB
Maximum value of SAR = 1.08 mW/g



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Test Laboratory: Advance Data Technology

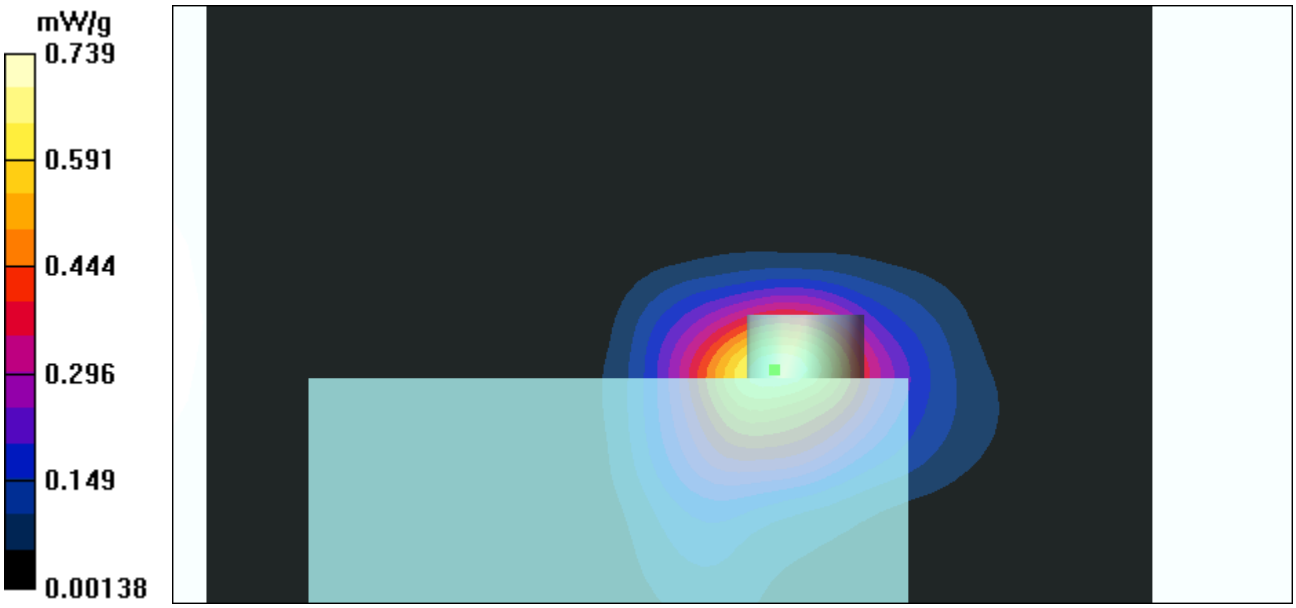
PDA HC02U Mode 7 with the fully charged battery (Samsung, model ICP553450R)

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.938 mho/m, ε_r = 52.79, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The bottom of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 1/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 15.9 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.688 mW/g

PDA Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.8 W/kg
SAR(1 g) = 0.659 mW/g; SAR(10 g) = 0.261 mW/g
Reference Value = 15.9 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.739 mW/g



Date/Time: 08/01/03 16:13:34

Test Laboratory: Advance Data Technology

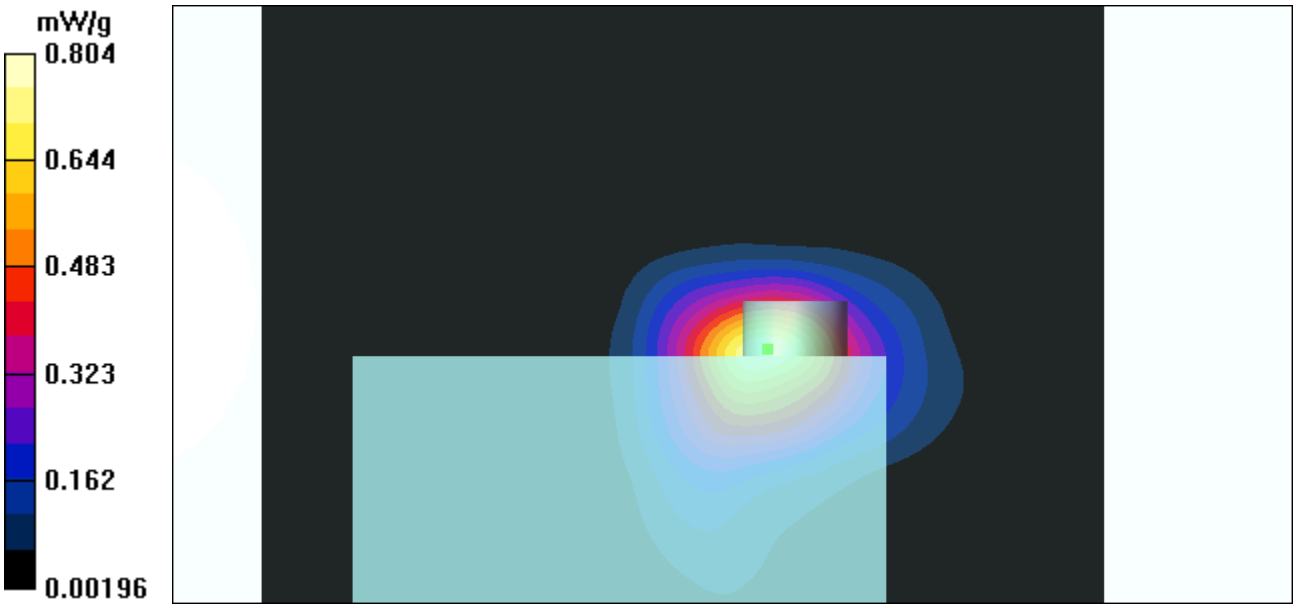
PDA HC02U Mode 7 with the fully charged battery (Samsung, model ICP553450R)

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.966 mho/m, ε_r = 52.67, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The bottom of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 6/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 15.9 V/m
Power Drift = -0.04 dB
Maximum value of SAR = 0.753 mW/g

PDA Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.88 W/kg
SAR(1 g) = 0.731 mW/g; SAR(10 g) = 0.294 mW/g
Reference Value = 15.9 V/m
Power Drift = -0.04 dB
Maximum value of SAR = 0.804 mW/g



Date/Time: 08/01/03 16:13:34

Test Laboratory: Advance Data Technology

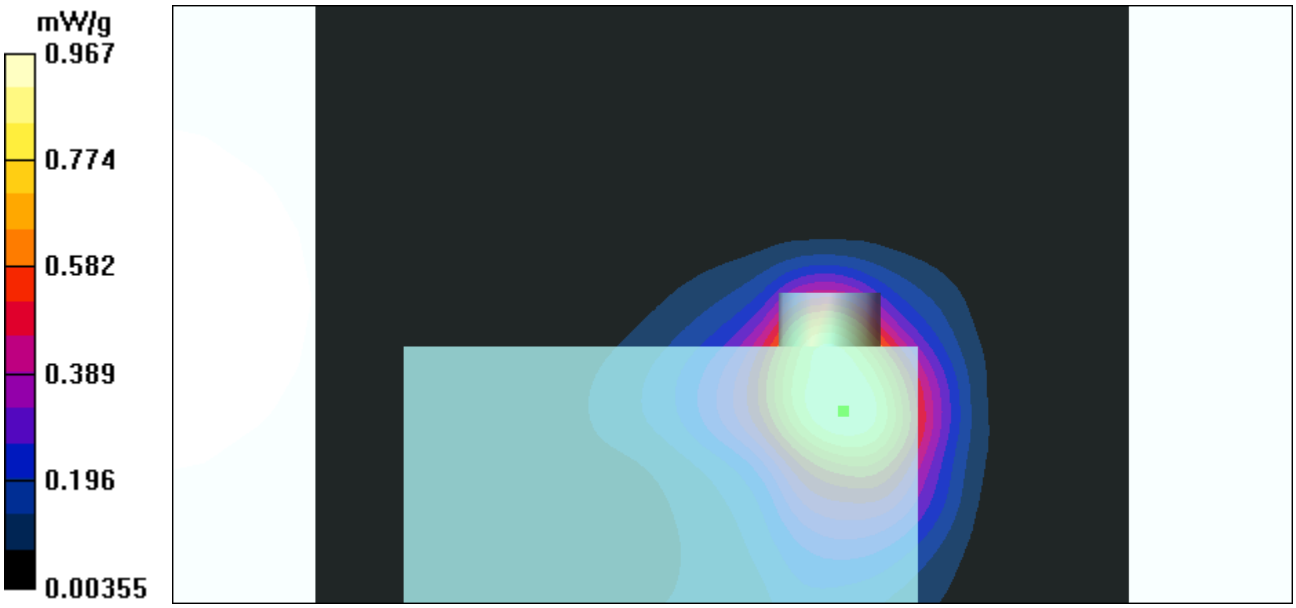
PDA HC02U Mode 7 with the fully charged battery (Samsung, model ICP553450R)

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.998 mho/m, ε_r = 52.55, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The bottom of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 11/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 16 V/m
Power Drift = 0.06 dB
Maximum value of SAR = 0.895 mW/g

PDA Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 2.31 W/kg
SAR(1 g) = 0.923 mW/g; SAR(10 g) = 0.429 mW/g
Reference Value = 16 V/m
Power Drift = 0.06 dB
Maximum value of SAR = 0.967 mW/g



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Test Laboratory: Advance Data Technology

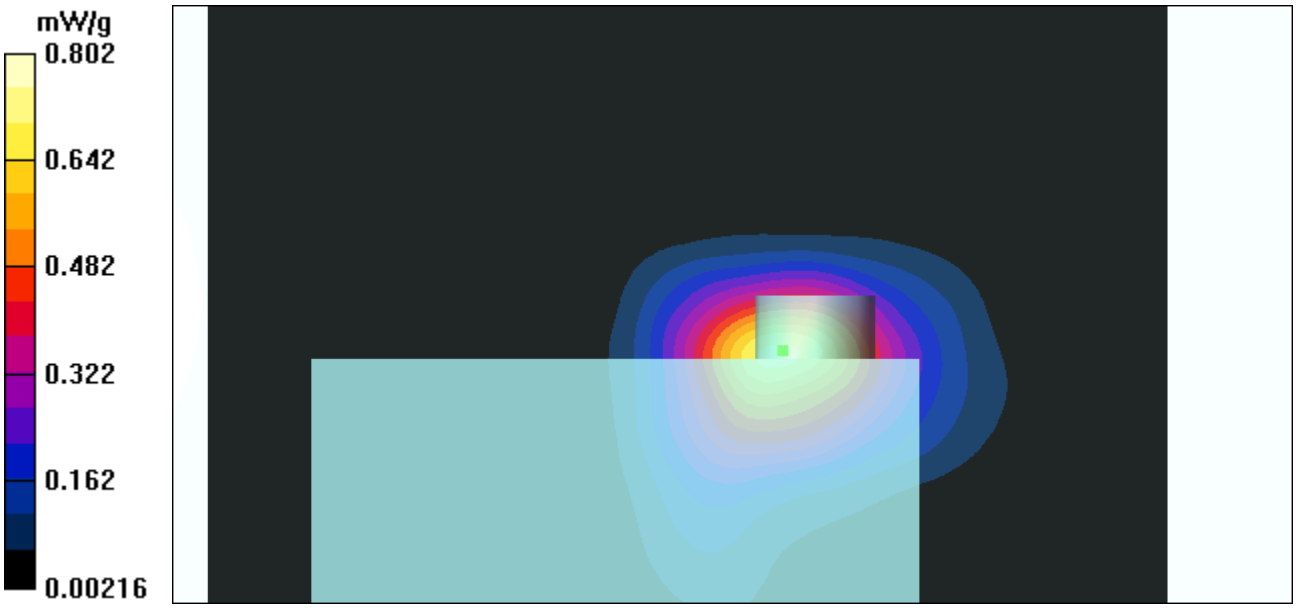
PDA HC02U Mode 8 with the fully charged battery (Samsung, model ICP553450R)

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.938 mho/m, ε_r = 52.79, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(Front side of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 21 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2003/6/2
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 1/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 15.8 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.719 mW/g

PDA Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.97 W/kg
SAR(1 g) = 0.722 mW/g; SAR(10 g) = 0.283 mW/g
Reference Value = 15.8 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.802 mW/g



Date/Time: 08/01/03 18:03:34

Test Laboratory: Advance Data Technology

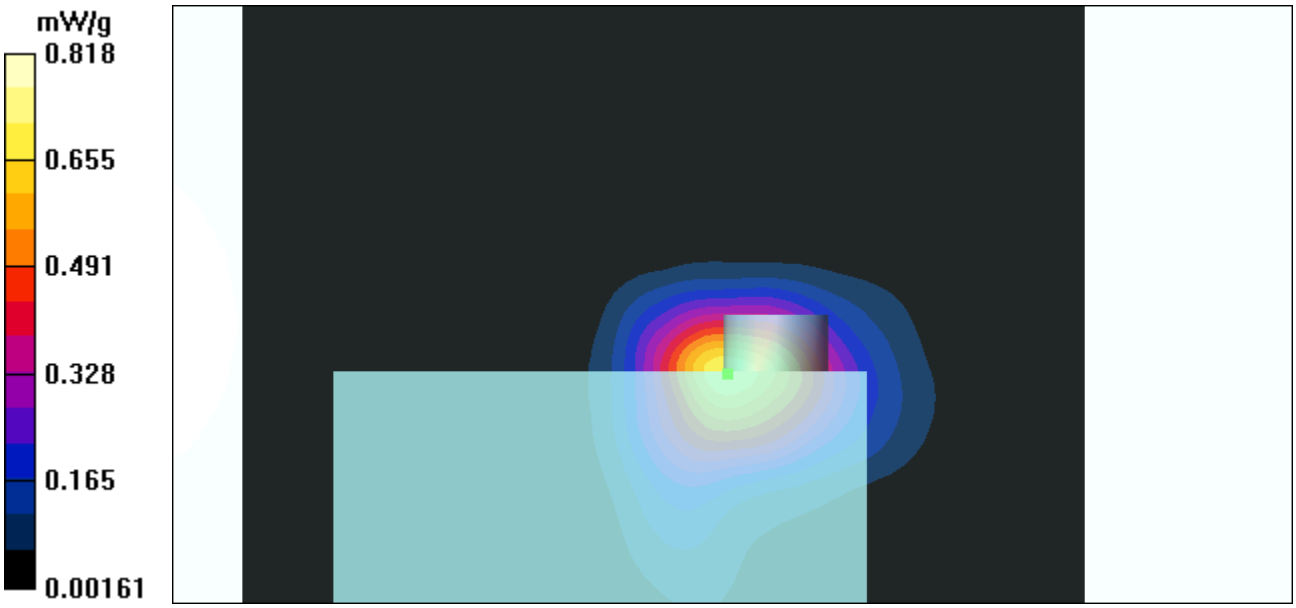
PDA HC02U Mode 8 with the fully charged battery (Samsung, model ICP553450R)

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.966mho/m, ε_r = 52.67, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(Front side of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 21 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2003/6/2
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 6/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 15.1 V/m
Power Drift = -0.07 dB
Maximum value of SAR = 0.708 mW/g

PDA Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 2.06 W/kg
SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.287 mW/g
Reference Value = 15.1 V/m
Power Drift = -0.07 dB
Maximum value of SAR = 0.818 mW/g



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Test Laboratory: Advance Data Technology

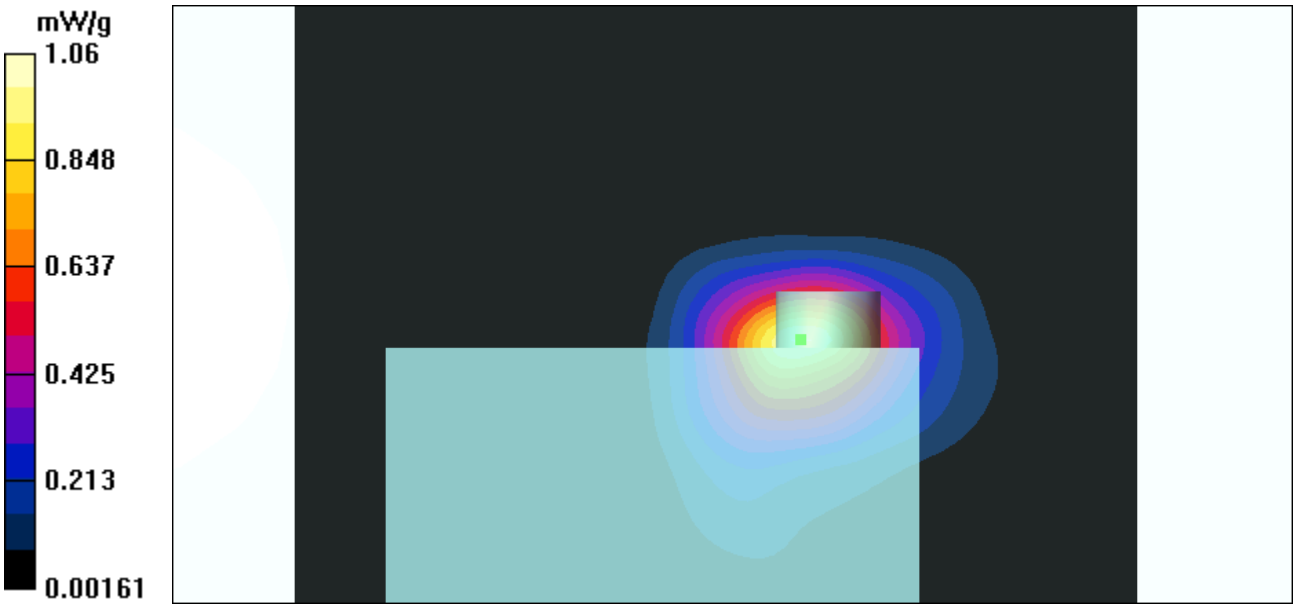
PDA HC02U Mode 8 with the fully charged battery (Samsung, model ICP553450R)

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.998 mho/m, ε_r = 52.55, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(Front side of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 21 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2003/6/2
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 11/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 18.5 V/m
Power Drift = 0.03 dB
Maximum value of SAR = 0.999 mW/g

PDA Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 2.54 W/kg
SAR(1 g) = 0.965 mW/g; SAR(10 g) = 0.388 mW/g
Reference Value = 18.5 V/m
Power Drift = 0.03 dB
Maximum value of SAR = 1.06 mW/g



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Test Laboratory: Advance Data Technology

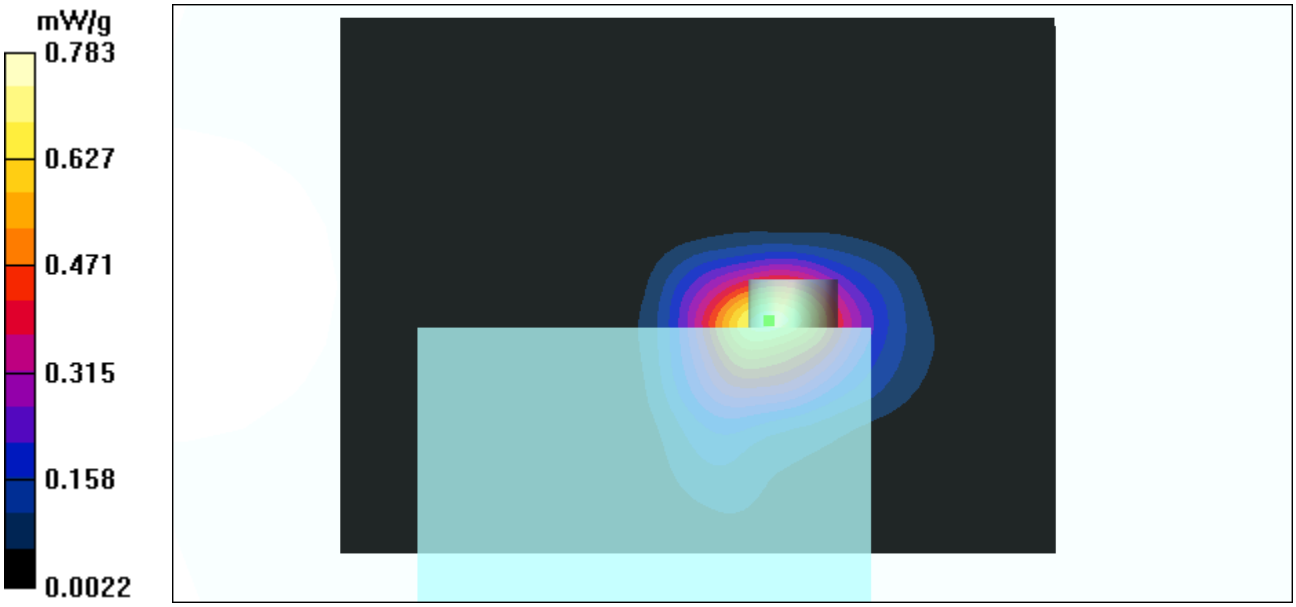
PDA HC02U Mode 9 with the fully charged battery (Sanyo, model: UF553450R) and SD card

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.938 mho/m, ε_r = 52.79, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(Front side of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 21 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2003/6/2
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 1/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 16.3 V/m
Power Drift = 0.2 dB
Maximum value of SAR = 0.712 mW/g

PDA Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.88 W/kg
SAR(1 g) = 0.699 mW/g; SAR(10 g) = 0.279 mW/g
Reference Value = 16.3 V/m
Power Drift = 0.2 dB
Maximum value of SAR = 0.783 mW/g



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Test Laboratory: Advance Data Technology

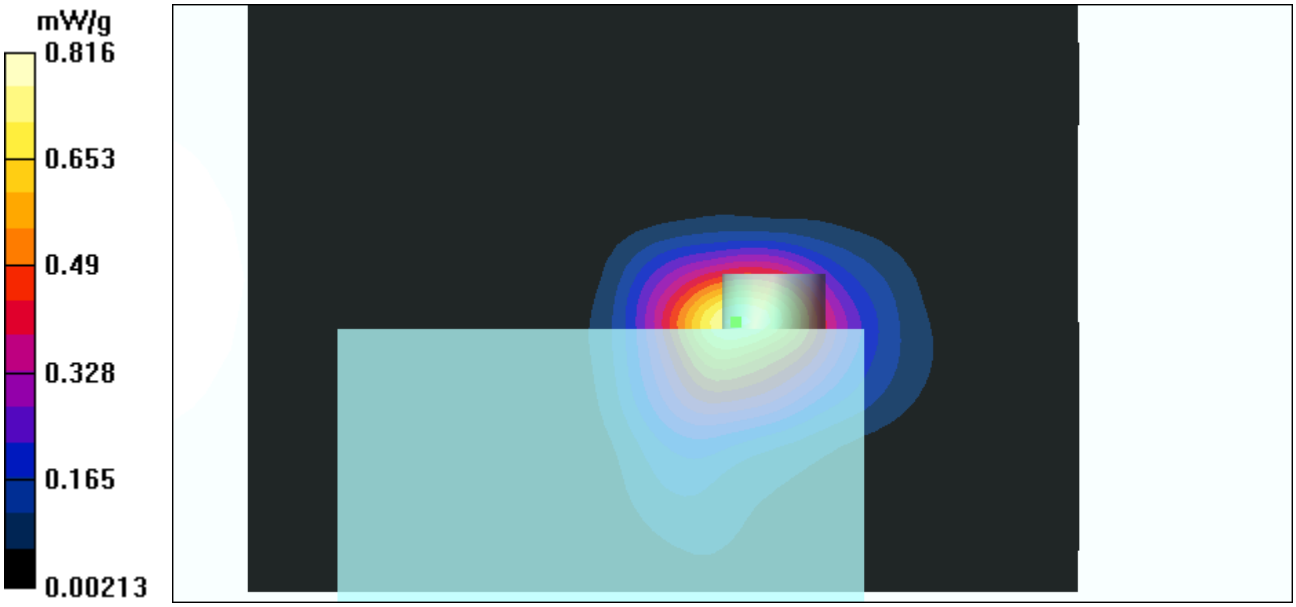
PDA HC02U Mode 9 with the fully charged battery (Sanyo, model: UF553450R) and SD card

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.966 mho/m, ε_r = 52.67, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(Front side of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 21 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2003/6/2
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 6/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 16.4 V/m
Power Drift = -0.02 dB
Maximum value of SAR = 0.775 mW/g

PDA Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.93 W/kg
SAR(1 g) = 0.731 mW/g; SAR(10 g) = 0.29 mW/g
Reference Value = 16.4 V/m
Power Drift = -0.02 dB
Maximum value of SAR = 0.816 mW/g



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Test Laboratory: Advance Data Technology

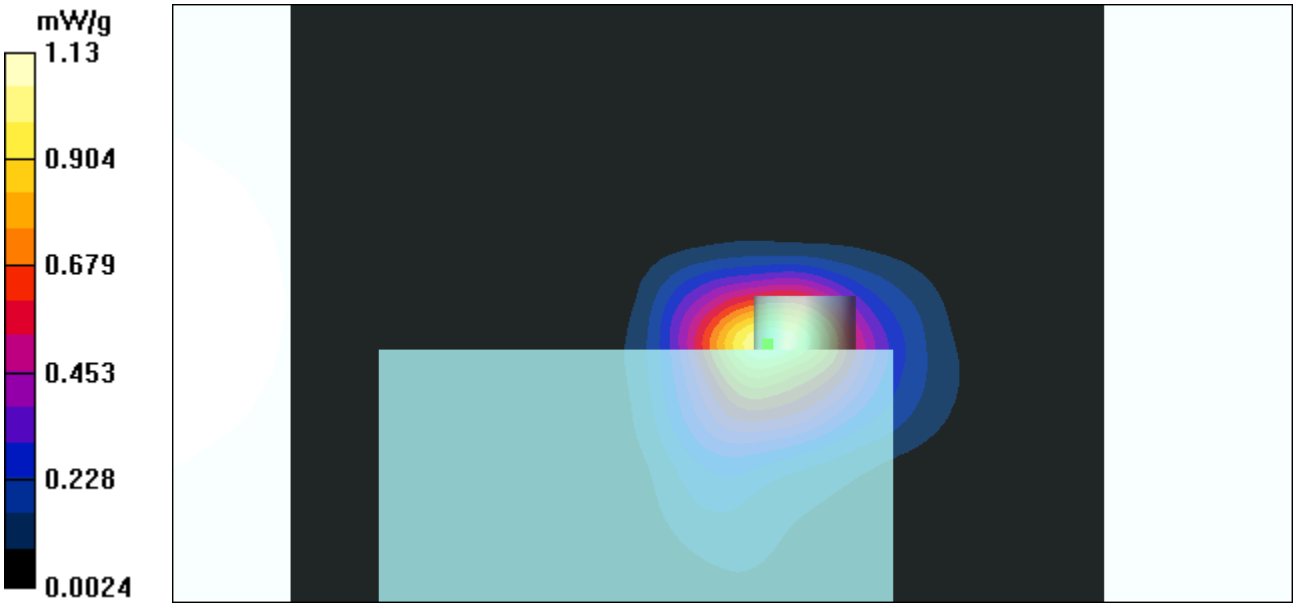
PDA HC02U Mode 9 with the fully charged battery (Sanyo, model: UF553450R) and SD card

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.998 mho/m, ε_r = 52.55, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(Front side of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 21 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2003/6/2
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 11/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 18.8V/m
Power Drift = -0.006 dB
Maximum value of SAR = 1.00 mW/g

PDA Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 2.72 W/kg
SAR(1 g) = 0.962 mW/g; SAR(10 g) = 0.375 mW/g
Reference Value = 18.8 V/m
Power Drift = -0.006 dB
Maximum value of SAR = 1.03 mW/g



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Test Laboratory: Advance Data Technology

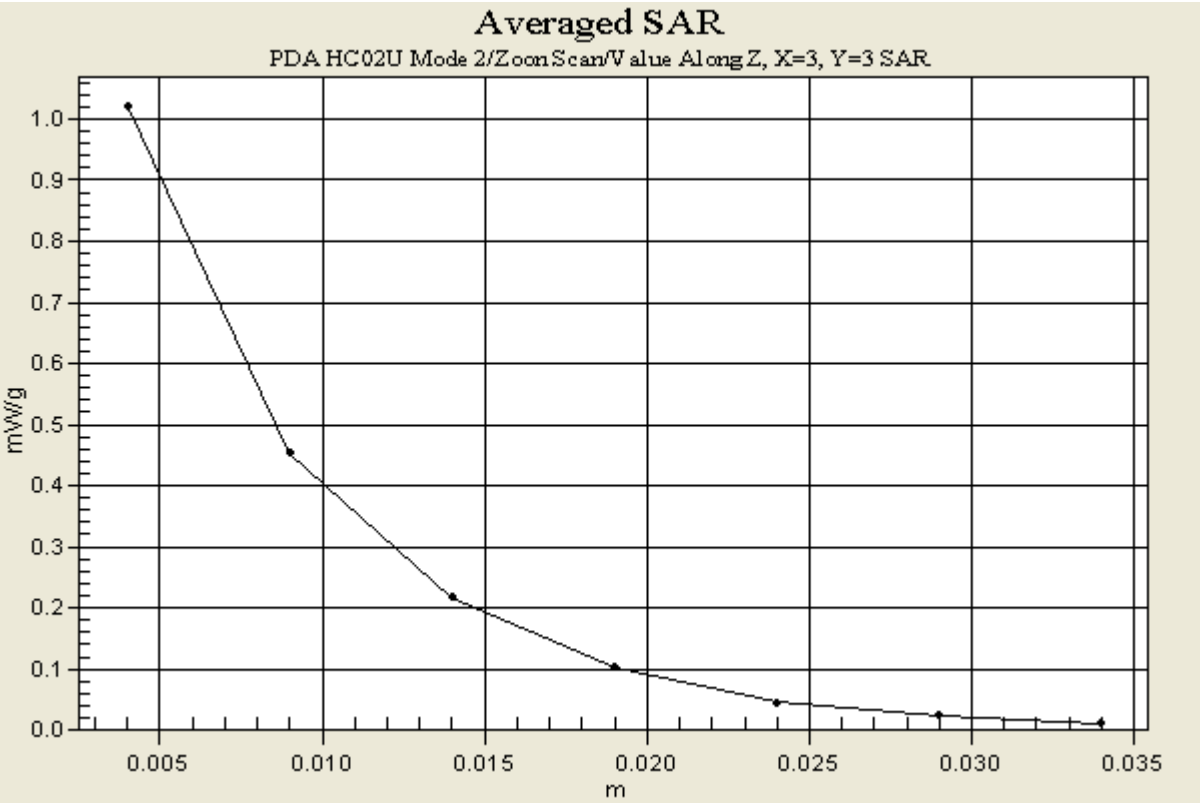
PDA HC02U Mode 2(Sanyo, model: UF553450R)

EUT: PDA ; Type: HC02U ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.998 mho/m, ε= 52.55, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The front side of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PDA Channel 11/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 22.9 V/m
Power Drift = 0.08 dB
Maximum value of SAR = 1.06 mW/g

PDA Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 2.75 W/kg
SAR(1 g) = 0.975 mW/g; SAR(10 g) = 0.373 mW/g
Reference Value = 22.9 V/m
Power Drift = 0.08 dB
Maximum value of SAR = 1.02 mW/g



A3 : SYSTEM VALIDATION TEST DATA

Date/Time: 08/01/03 10:31:26

Test Laboratory: Advance Data Technology

SystemPerformanceCheck-Body 2450-2003-08-01

EUT: Dipole 2450 MHz ; Type: D2450V2

Communication System: CW ; Frequency: 2450 MHz; Duty Cycle: 1:1; Modulation type: CW
Medium: MSL2450 (σ = 1.982 mho/m, ε_r = 52.60, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 10mm(The feetpoint of the dipole to the Phantom)
Air temp. : 23.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

d=10mm, Pin=50mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 41.8 V/m
Power Drift = -0.08 dB
Maximum value of SAR = 3.19 mW/g

d=10mm, Pin=50mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 6.71 W/kg
SAR(1 g) = 2.65 mW/g; SAR(10 g) = 1.29 mW/g
Reference Value = 41.8 V/m
Power Drift = -0.08 dB
Maximum value of SAR = 3.17 mW/g