Date/Time: 2010/07/19 02:47:16 PM

Test Laboratory: Compliance Certification Services Inc.

RFID Horizontal Down 900 -Body RU-888-1 FCC

DUT: RU-888-1; Type: RU-824; Serial: N/A

Communication System: RFID; Frequency: 914.75 MHz;Duty Cycle: 1:1.31
Medium parameters used (interpolated): f = 914.75 MHz; σ = 1.04 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

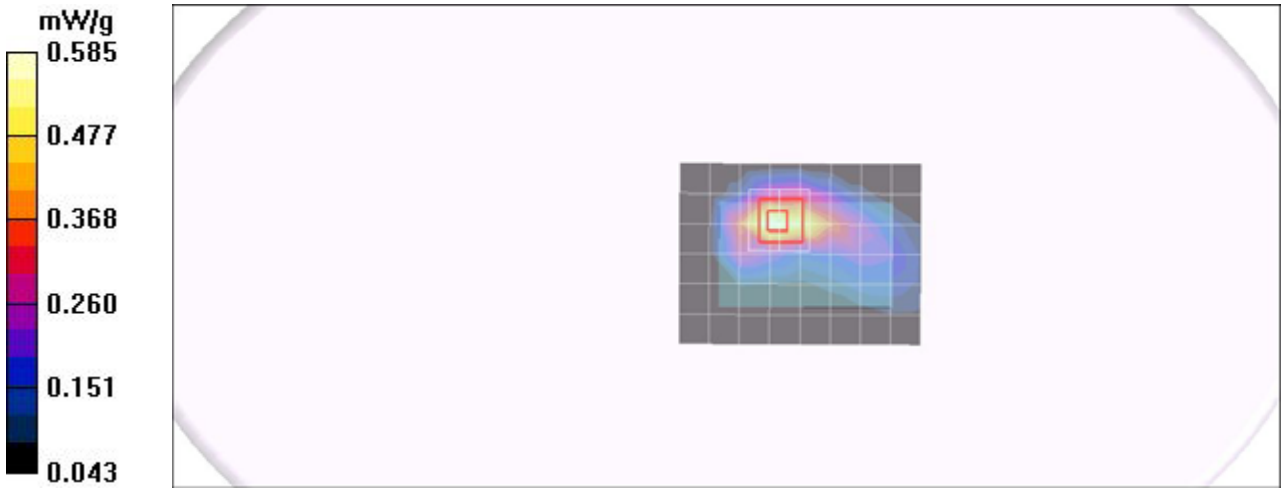
- Probe: EX3DV4 - SN3554; ConvF(7.14, 7.14, 7.14);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/6/22
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

RFID Body Horizontal Down Middle CH/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.607 mW/g

RFID Body Horizontal Down Middle CH/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

dx=5mm, dy=5mm, dz=3mm
Reference Value = 11.3 V/m; Power Drift = -0.066 dB
Peak SAR (extrapolated) = 0.751 W/kg
SAR(1 g) = 0.462 mW/g; SAR(10 g) = 0.279 mW/g
Maximum value of SAR (measured) = 0.585 mW/g



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Test Laboratory: Compliance Certification Services Inc.

RFID Horizontal Up 900 -Body RU-888-1 FCC

DUT: RU-888-1; Type: RU-824; Serial: N/A

Communication System: RFID; Frequency: 914.75 MHz;Duty Cycle: 1:1.31
Medium parameters used (interpolated): f = 914.75 MHz; σ = 1.04 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 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(7.14, 7.14, 7.14);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/6/22
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

RFID Body Horizontal Up Middle CH/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

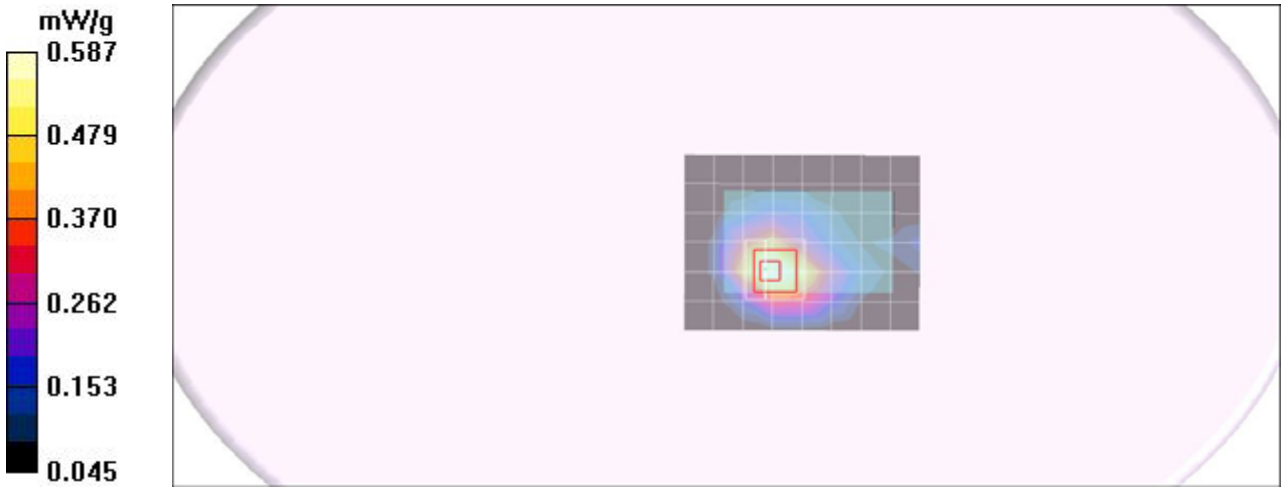
Maximum value of SAR (measured) = 0.684 mW/g

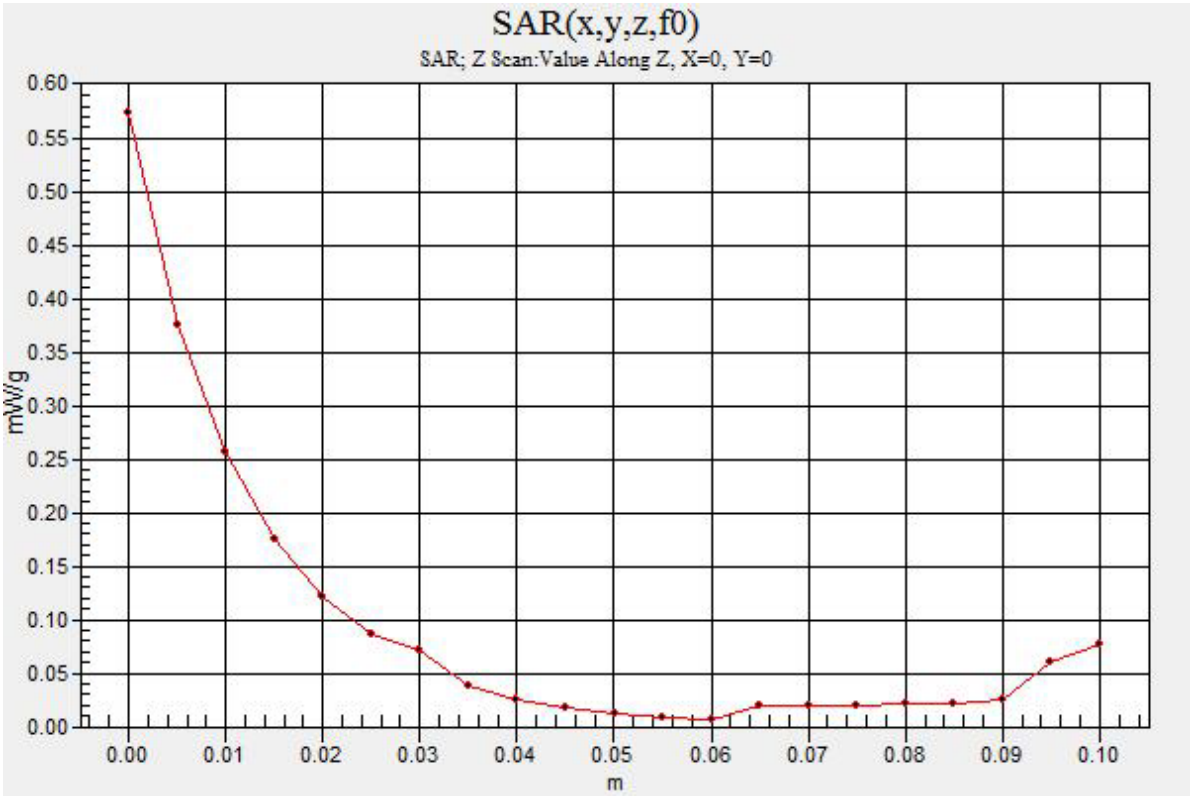
RFID Body Horizontal Up Middle CH/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 12.6 V/m; Power Drift = -0.013 dB
Peak SAR (extrapolated) = 0.729 W/kg
SAR(1 g) = 0.491 mW/g; SAR(10 g) = 0.311 mW/g
Maximum value of SAR (measured) = 0.587 mW/g

RFID Body Horizontal Up Middle CH/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.574 mW/g




SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

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Test Laboratory: Compliance Certification Services Inc.

RFID Horizontal Up 900 -Body RU-888-1 FCC 10mm

DUT: RU-888-1; Type: RU-824; Serial: N/A

Communication System: RFID; Frequency: 914.75 MHz;Duty Cycle: 1:1.31
Medium parameters used (interpolated): f = 914.75 MHz; σ = 1.04 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 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(7.14, 7.14, 7.14);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/6/22
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

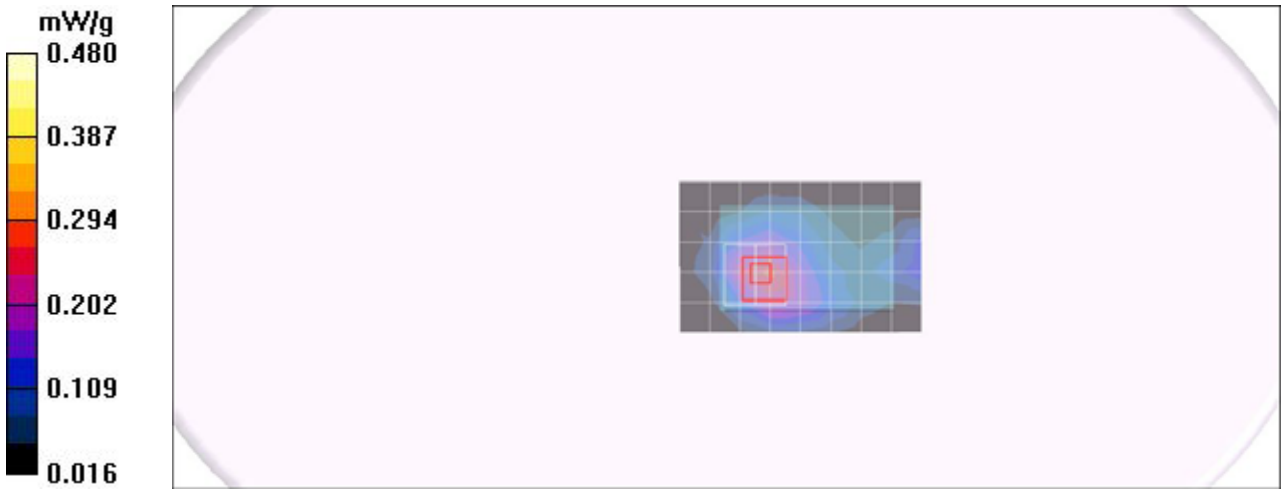
RFID Body Horizontal Up Middle CH/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.277 mW/g

RFID Body Horizontal Up Middle CH/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 8.76 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 0.328 W/kg

SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.144 mW/g
Maximum value of SAR (measured) = 0.269 mW/g



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Test Laboratory: Compliance Certification Services Inc.

RFID Vertical Back 900 -Body RU-888-1 FCC

DUT: RU-888-1; Type: RU-824; Serial: N/A

Communication System: RFID; Frequency: 914.75 MHz;Duty Cycle: 1:1.31
Medium parameters used (interpolated): f = 914.75 MHz; σ = 1.04 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

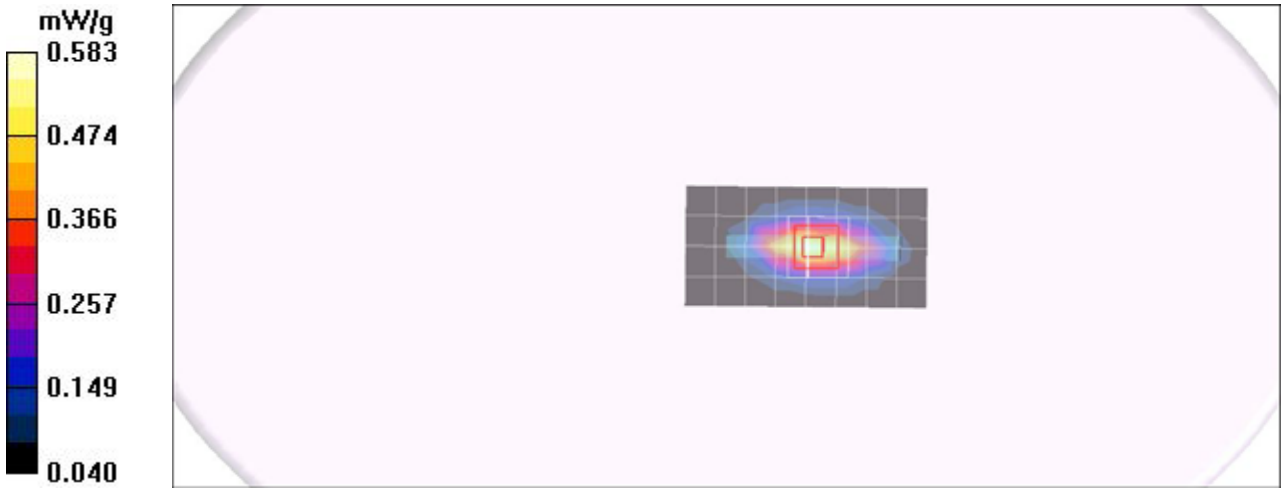
- Probe: EX3DV4 - SN3554; ConvF(7.14, 7.14, 7.14);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/6/22
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

RFID Body Vertical Back Middle CH/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.589 mW/g

RFID Body Vertical Back Middle CH/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 7.96 V/m; Power Drift = -0.086 dB
Peak SAR (extrapolated) = 0.781 W/kg
SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.255 mW/g
Maximum value of SAR (measured) = 0.583 mW/g



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Test Laboratory: Compliance Certification Services Inc.

RFID Vertical Front 900 -Body RU-888-1 FCC

DUT: RU-888-1; Type: RU-824; Serial: N/A

Communication System: RFID; Frequency: 914.75 MHz;Duty Cycle: 1:1.31
Medium parameters used (interpolated): f = 914.75 MHz; σ = 1.04 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 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(7.14, 7.14, 7.14);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/6/22
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

RFID Body Vertical Front Middle CH/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.269 mW/g

RFID Body Vertical Front Middle CH/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 9.28 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 0.352 W/kg
SAR(1 g) = 0.221mW/g; SAR(10 g) = 0.144 mW/g
Maximum value of SAR (measured) = 0.282 mW/g