Date/Time: 2010/07/17 11:35:19 AM

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 = 1.98 mho/m; ε_r = 52.6; 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

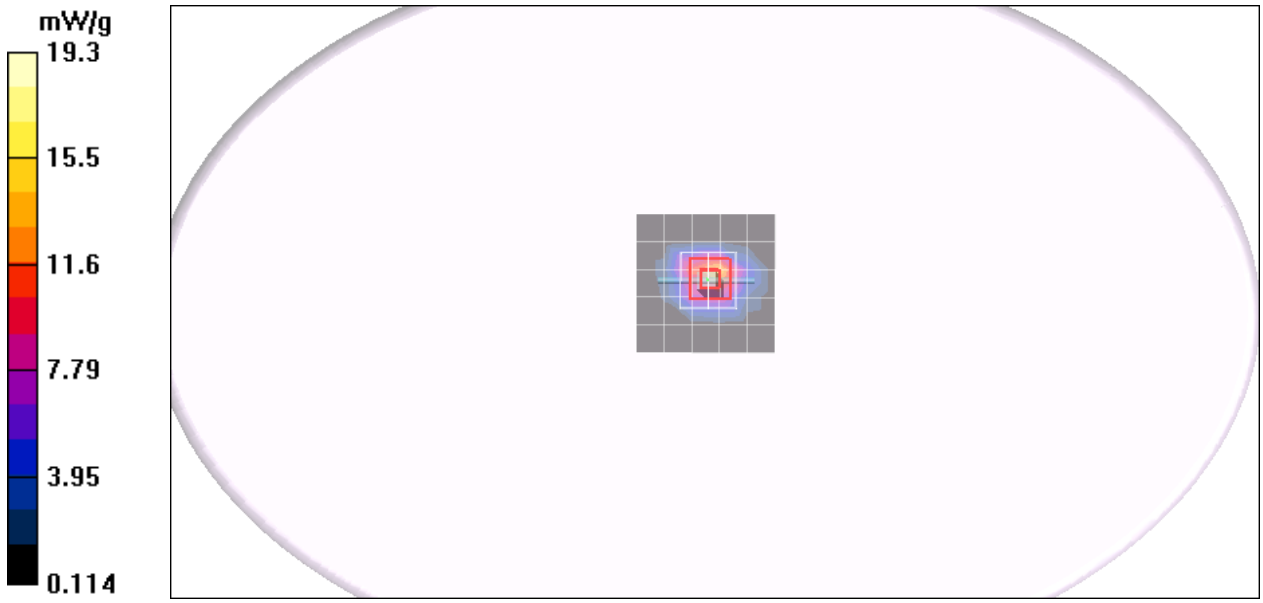
DASY4 Configuration:

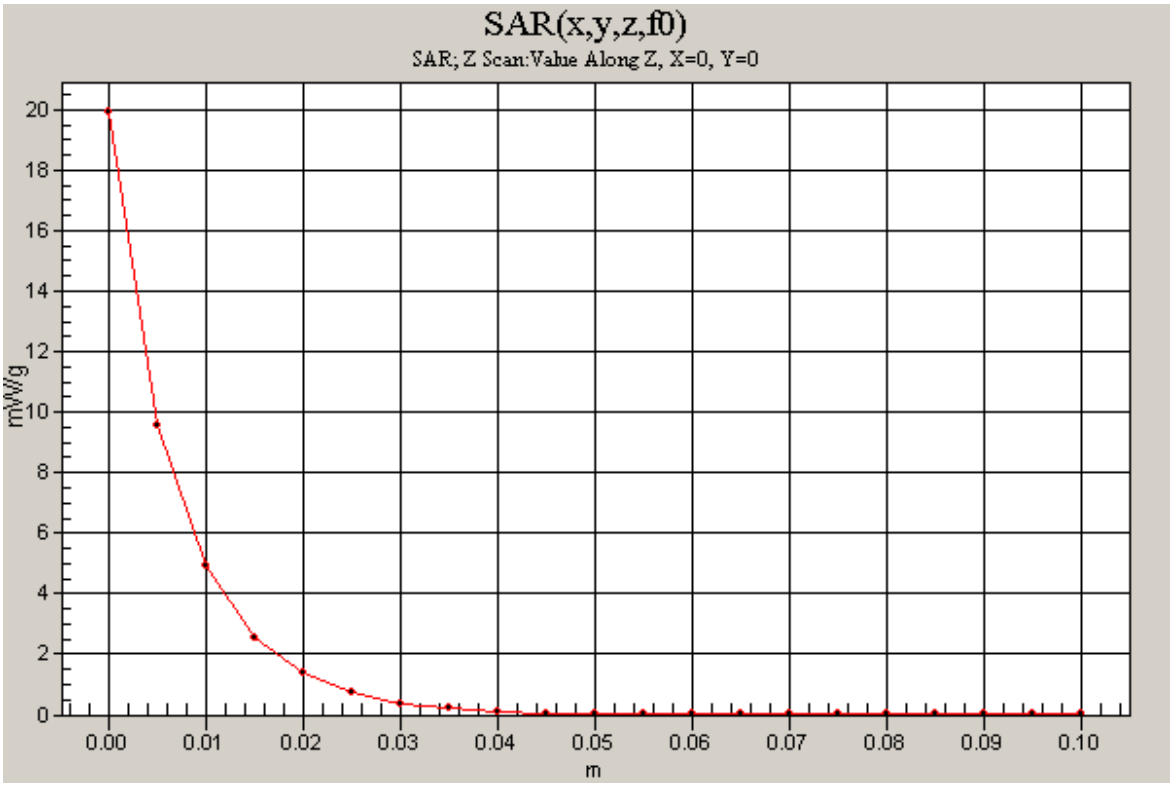
- Probe: EX3DV4 - SN3554; ConvF(5.8, 5.8, 5.8);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/6/22
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1056
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW,d=10mm/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 13.3 mW/g

Pin=250mW,d=10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 95.8 V/m; Power Drift = -0.088 dB
Peak SAR (extrapolated) = 31.2 W/kg
SAR(1 g) = 13.5 mW/g; SAR(10 g) = 6.1 mW/g
Maximum value of SAR (measured) = 15.9 mW/g

Pin=250mW,d=10mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 17.3 mW/g


mW/g
19.3
15.5
11.6
7.79
3.95
0.114


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
20
18
16
14
12
10
8
6
4
2
0
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.

80211b Body Up mode P223

DUT: P223; Type: P223; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.93 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature: 24.4 deg C;Liquid Temperature:23.4 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(5.8, 5.8, 5.8);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/6/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

80211b Low CH 1/Area Scan (11x16x1): Measurement grid: dx=15mm, dy=15mm

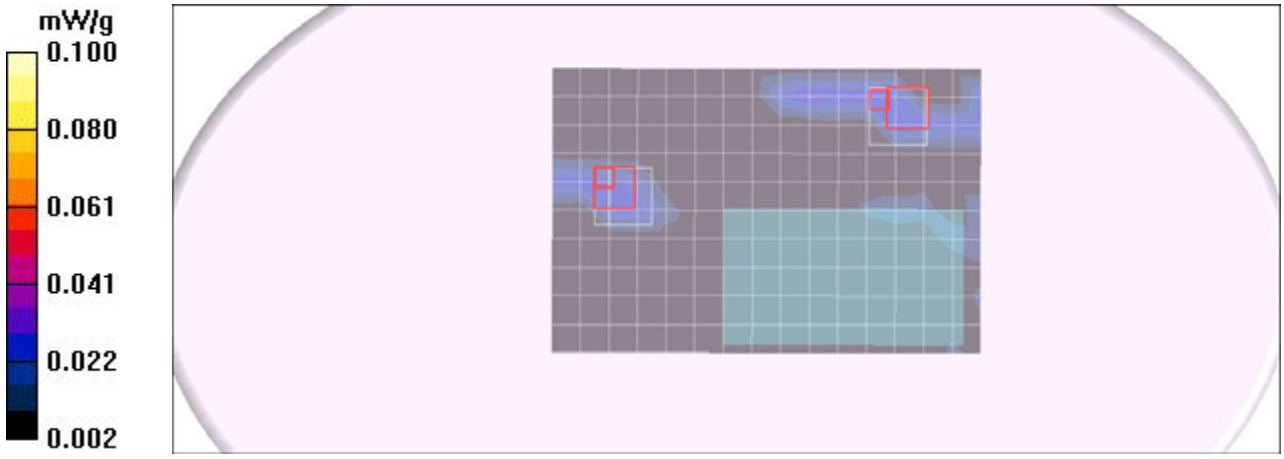
Maximum value of SAR (measured) = 0.030 mW/g

80211b Low CH 1/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.12 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 0.074 W/kg
SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.00548 mW/g
Maximum value of SAR (measured) = 0.037 mW/g

80211b Low CH 1/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.12 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 0.008 W/kg
SAR(1 g) = 0.00374 mW/g; SAR(10 g) = 0.000978 mW/g
Maximum value of SAR (measured) = 0.008 mW/g



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Test Laboratory: Compliance Certification Services Inc.

80211b Body Down Flated P223

DUT: P223; Type: P223; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.93 mho/m; ε_r = 52.7; 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(5.8, 5.8, 5.8);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/6/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

80211b Low CH 1/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

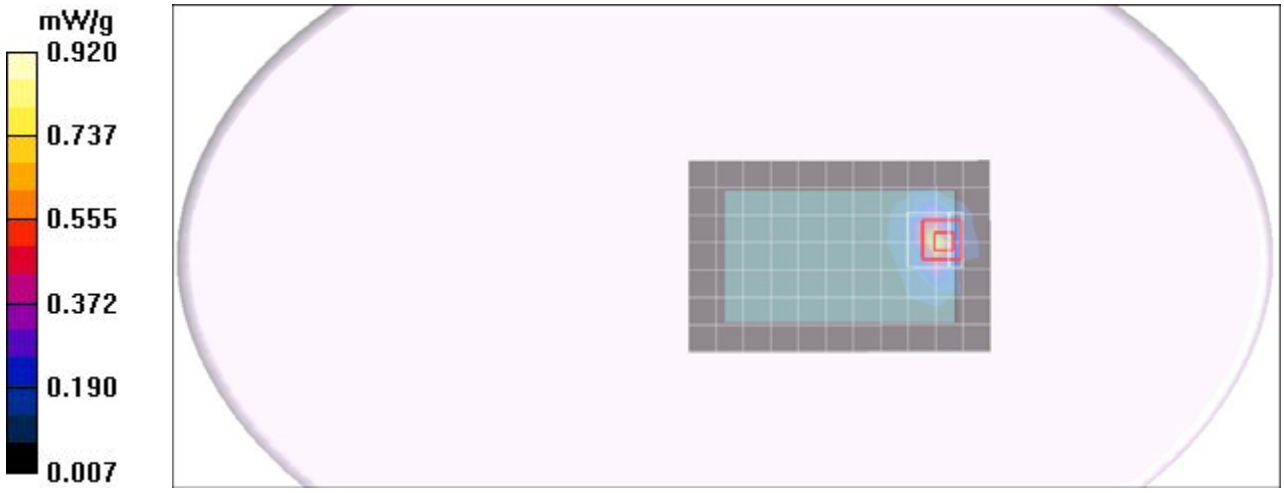
Maximum value of SAR (measured) = 0.789 mW/g

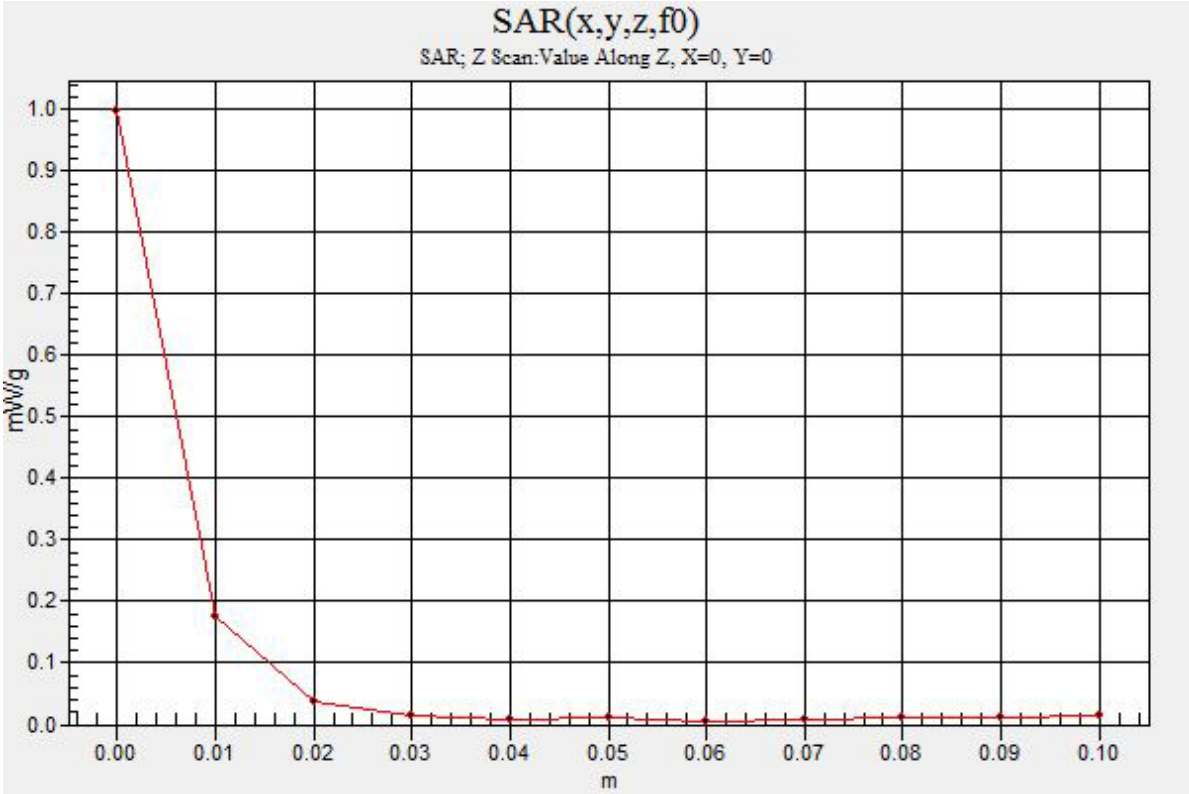
80211b Low CH 1/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.58 V/m; Power Drift = -0.112 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 0.683 mW/g; SAR(10 g) = 0.246 mW/g
Maximum value of SAR (measured) = 0.920 mW/g

80211b Low CH 1/Z Scan (1x1x11): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.998 mW/g




SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
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.

80211g Body Down Flated mode P223

DUT: P223; Type: P223; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.93mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature: 24.4 deg C;Liquid Temperature:23.4 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

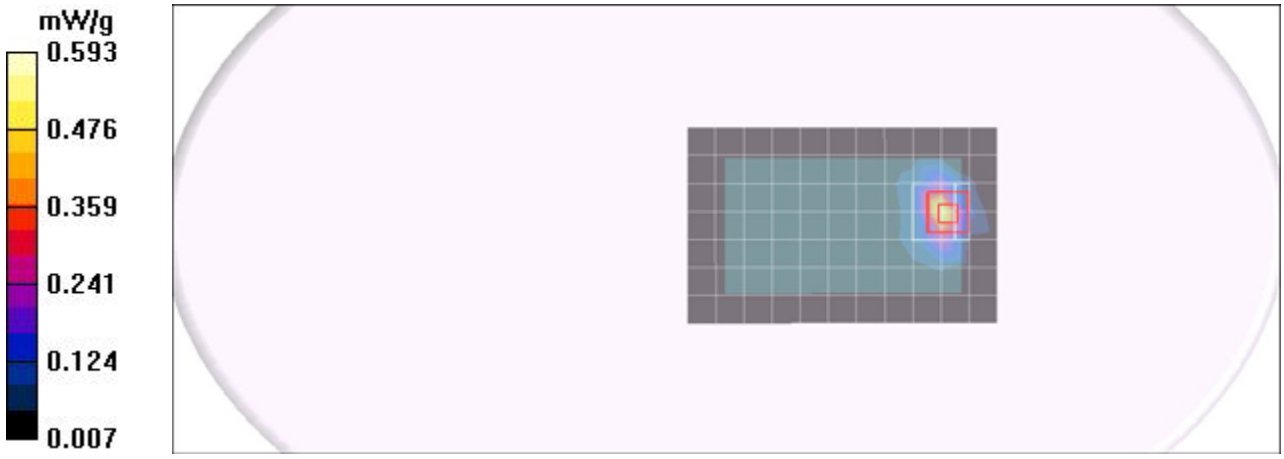
- Probe: EX3DV4 - SN3554; ConvF(5.8, 5.8, 5.8);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/6/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

80211g Low CH 1/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.545 mW/g

80211g Low CH 1/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.51 V/m; Power Drift = -0.124 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.452 mW/g; SAR(10 g) = 0.162 mW/g
Maximum value of SAR (measured) = 0.593 mW/g



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Test Laboratory: Compliance Certification Services Inc.

80211b Body Up Touched mode P223-1

DUT: P223; Type: P223; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.93 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature: 24.4 deg C;Liquid Temperature:23.4 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(5.8, 5.8, 5.8);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/6/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

80211b Low CH 1/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

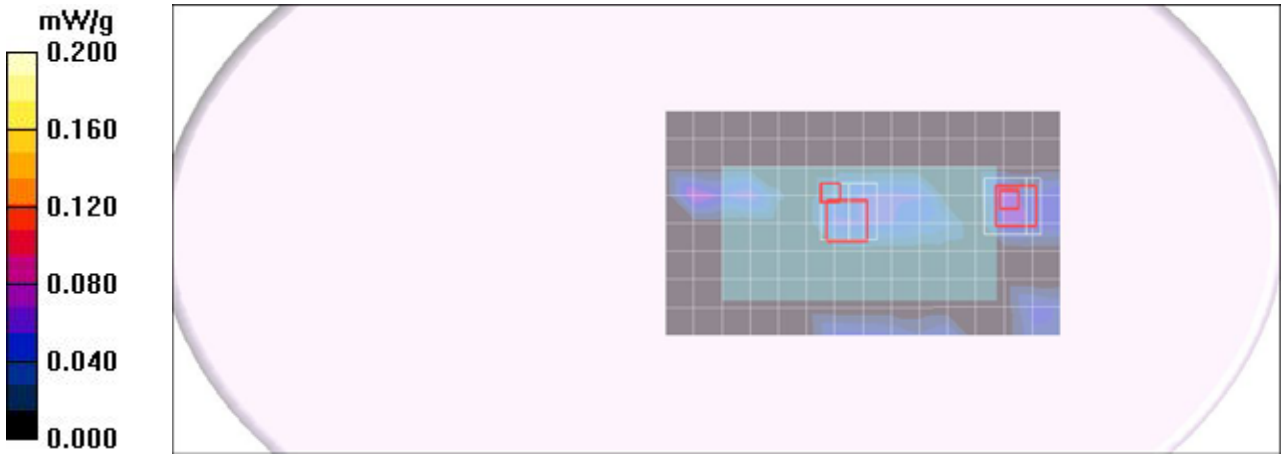
Maximum value of SAR (measured) = 0.070 mW/g

80211g Low CH 1/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.00 V/m; Power Drift = -0.072 dB
Peak SAR (extrapolated) = 0.192 W/kg
SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.094 mW/g

80211b Low CH 1/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.00 V/m; Power Drift = -0.072 dB
Peak SAR (extrapolated) = 0.189 W/kg
SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.109 mW/g



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Test Laboratory: Compliance Certification Services Inc.

80211b Body Down Flated P223-1

DUT: P223; Type: P223; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.93 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature: 24.4 deg C;Liquid Temperature:23.4 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(5.8, 5.8, 5.8);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/6/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

80211b Low CH 1/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

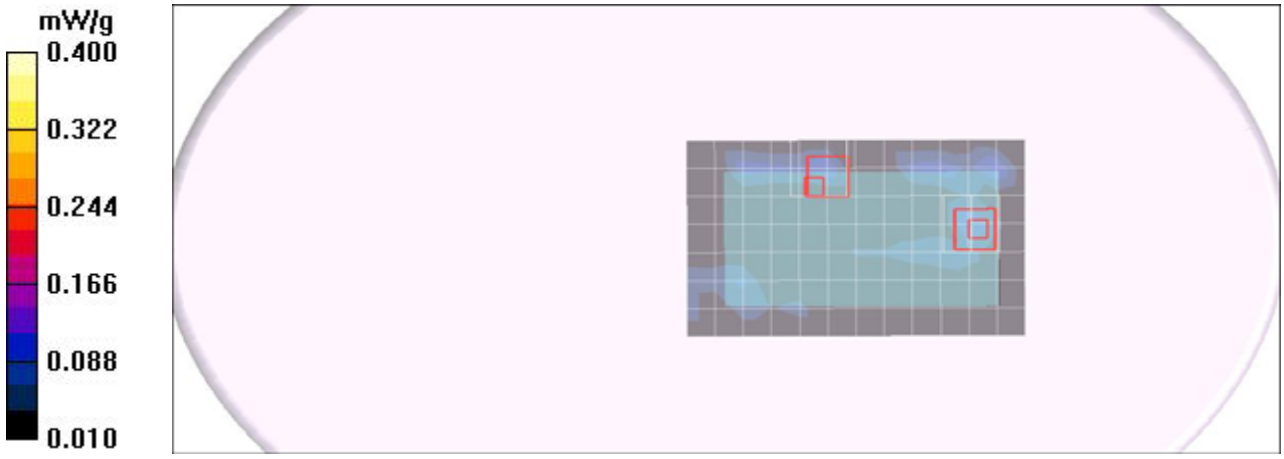
Maximum value of SAR (measured) = 0.100 mW/g

80211b Low CH 1/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 5.60 V/m; Power Drift = -0.162 dB
Peak SAR (extrapolated) = 0.164 W/kg
SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.042 mW/g
Maximum value of SAR (measured) = 0.131 mW/g

80211b Low CH 1/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 5.60 V/m; Power Drift = -0.162 dB
Peak SAR (extrapolated) = 0.413 W/kg
SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.064 mW/g
Maximum value of SAR (measured) = 0.207 mW/g



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Test Laboratory: Compliance Certification Services Inc.

80211g Body Down Flated mode P223-1

DUT: P223; Type: P223; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.93 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature: 24.4 deg C;Liquid Temperature:23.4 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(5.8, 5.8, 5.8);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/6/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

80211g Low CH 1/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.176 mW/g

80211g Low CH 1/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.95 V/m; Power Drift = -0.098 dB
Peak SAR (extrapolated) = 0.395 W/kg
SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.053 mW/g
Maximum value of SAR (measured) = 0.156 mW/g

80211g Low CH 1/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.95 V/m; Power Drift = -0.098 dB
Peak SAR (extrapolated) = 0.304 W/kg
SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.144 mW/g