Date/Time: 05/04/2009 09:23:14 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; $\sigma$ = 1.99 mho/m; $\varepsilon_r$ = 51.6; $\rho$ = 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

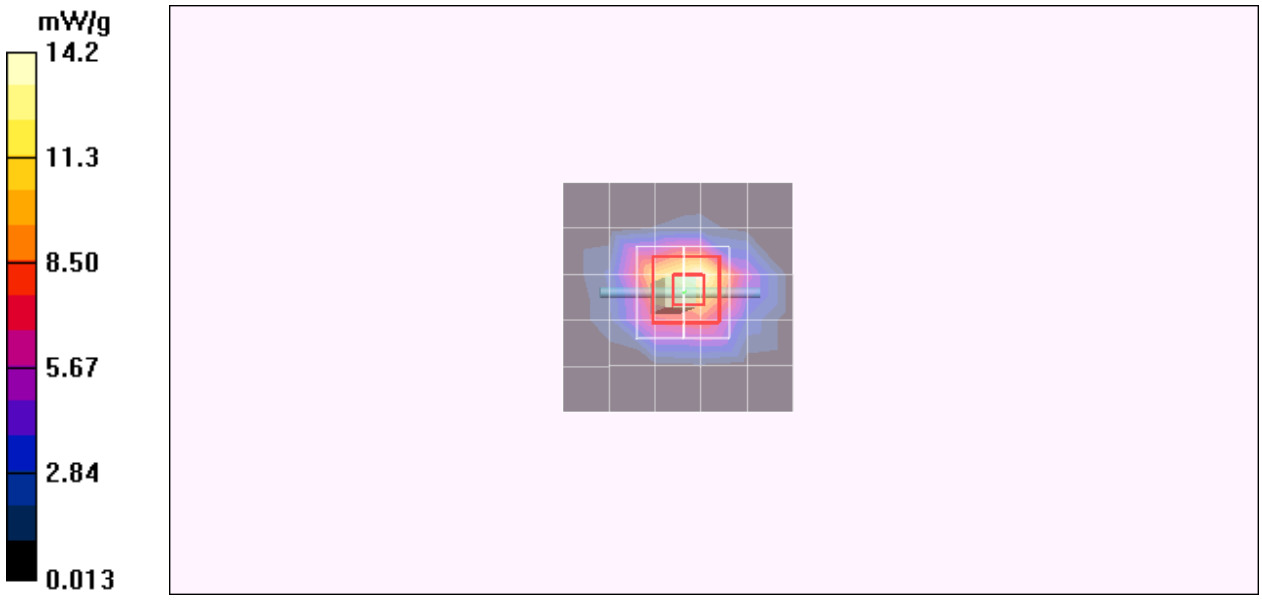
DASY4 Configuration:

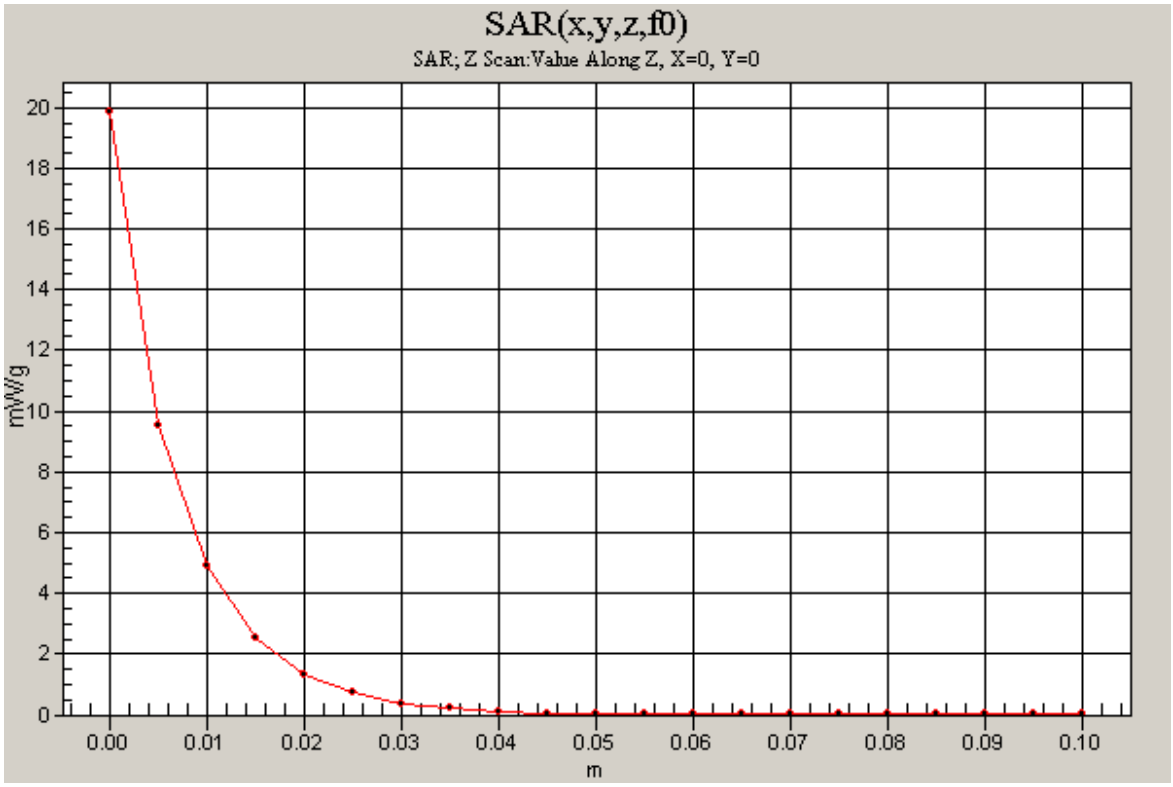
- Probe: EX3DV4 - SN3671; ConvF(7.17, 7.17, 7.17);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2/3/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1056
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Pin=250mW,d=10mm/Area Scan (6x6x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 14.2 mW/g

**Pin=250mW,d=10mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 97.9 V/m; Power Drift = -0.034 dB
Peak SAR (extrapolated) = 28.1 W/kg
**SAR(1 g) = 13.3 mW/g; SAR(10 g) = 6.21 mW/g**
Maximum value of SAR (measured) = 19.2 mW/g

**Pin=250mW,d=10mm/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 19.9 mW/g


mW/g
14.2
11.3
8.50
5.67
2.84
0.013


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

Date/Time: 05/16/2009 07:50:13 AM

Test Laboratory: Compliance Certification Services Inc.

# D5GHz V2 SN 1004

## DUT: Dipole 5GHz ; Type: D5GHz V2; Serial: 1004

Communication System: CW5GHz; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; $\sigma$ = 5.32 mho/m; $\varepsilon_r$ = 48.4; $\rho$ = 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(3.99, 3.99, 3.99);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## Pin=250mW,d=10mm f=5200MHz/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm

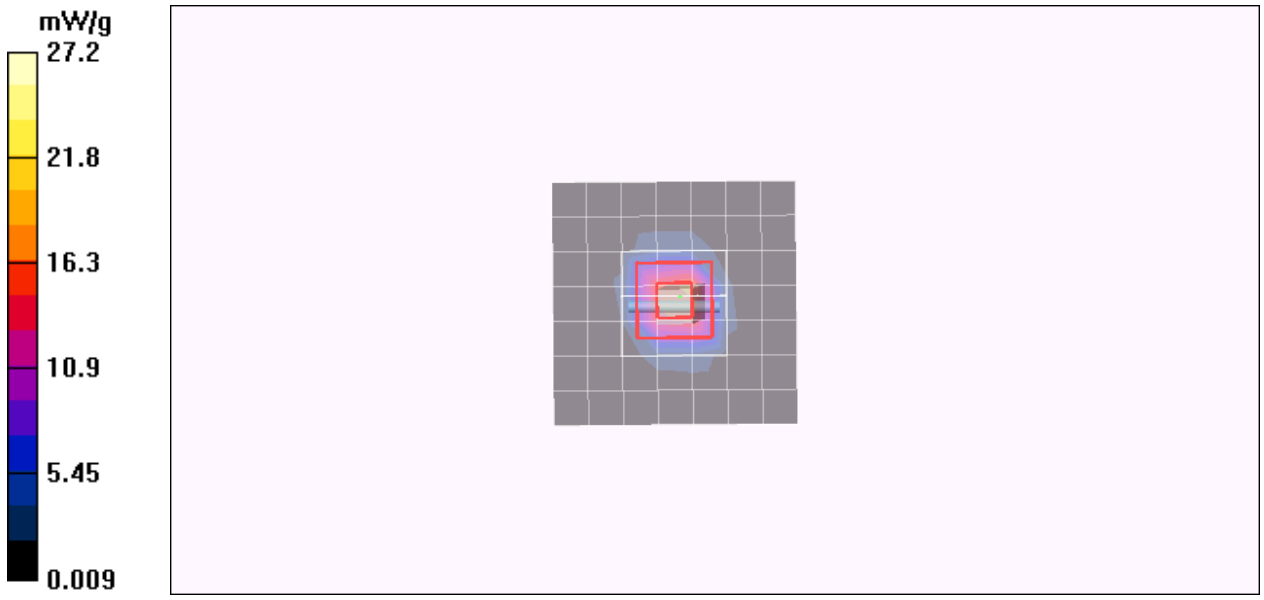
Maximum value of SAR (measured) = 17.1 mW/g

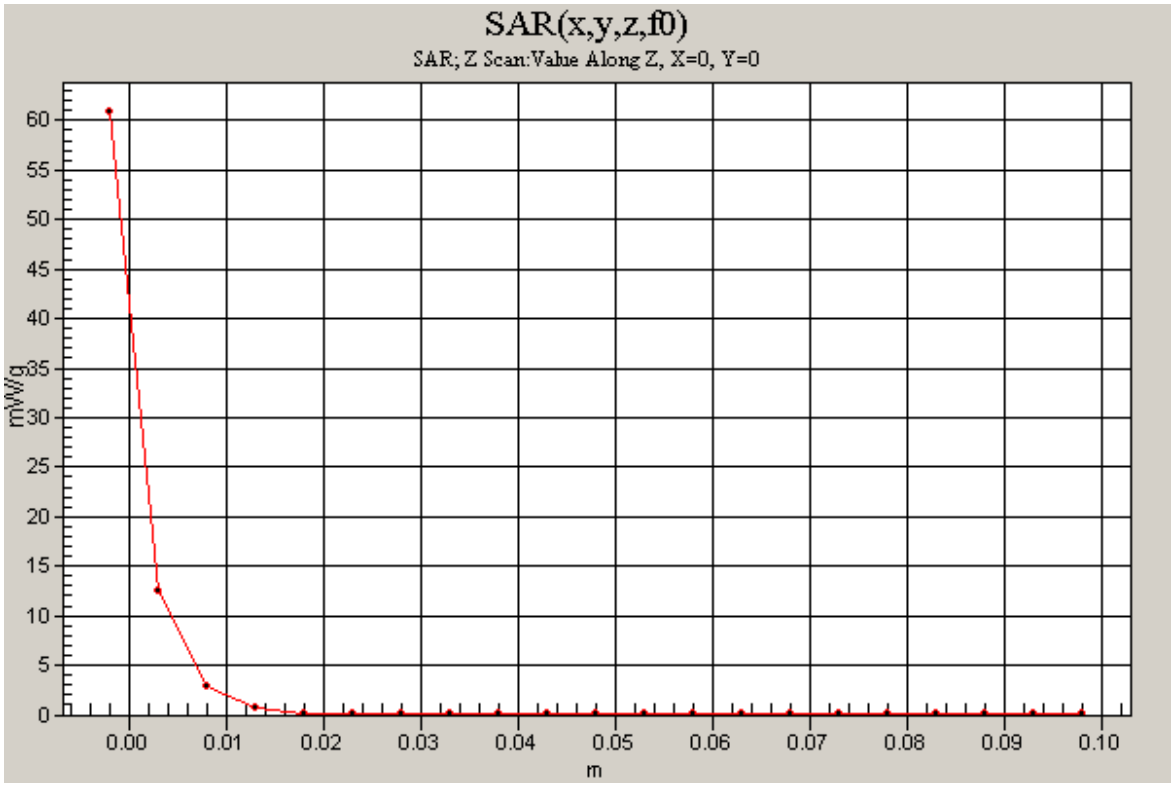
## Pin=250mW,d=10mm f=5200MHz/Zoom Scan (8x8x10)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 81.1 V/m; Power Drift = -0.052 dB
Peak SAR (extrapolated) = 54.6 W/kg
**SAR(1 g) = 18.7 mW/g; SAR(10 g) = 4.66 mW/g**
Maximum value of SAR (measured) = 27.2 mW/g

## Pin=250mW,d=10mm f=5200MHz/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 60.9 mW/g


mW/g
27.2
21.8
16.3
10.9
5.45
0.009


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
60
55
50
45
40
35
30
25
20
15
10
5
0
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 05/16/2009 09:08:35 AM

Test Laboratory: Compliance Certification Services Inc.

# D5GHz V2 SN 1004

## DUT: Dipole 5GHz ; Type: D5GHz V2; Serial: 1004

Communication System: CW5GHz; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; $\sigma$ = 6.18 mho/m; $\varepsilon_r$ = 47.2; $\rho$ = 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(3.77, 3.77, 3.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## Pin=250mW,d=10mm f=5800MHz/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm

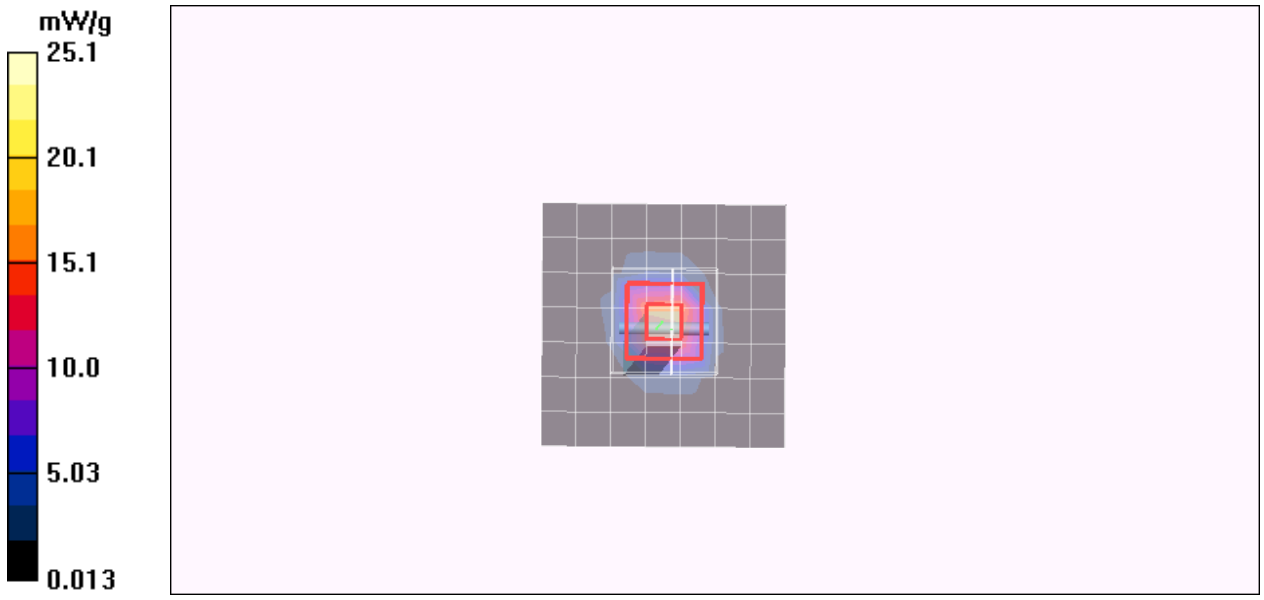
Maximum value of SAR (measured) = 16.3 mW/g

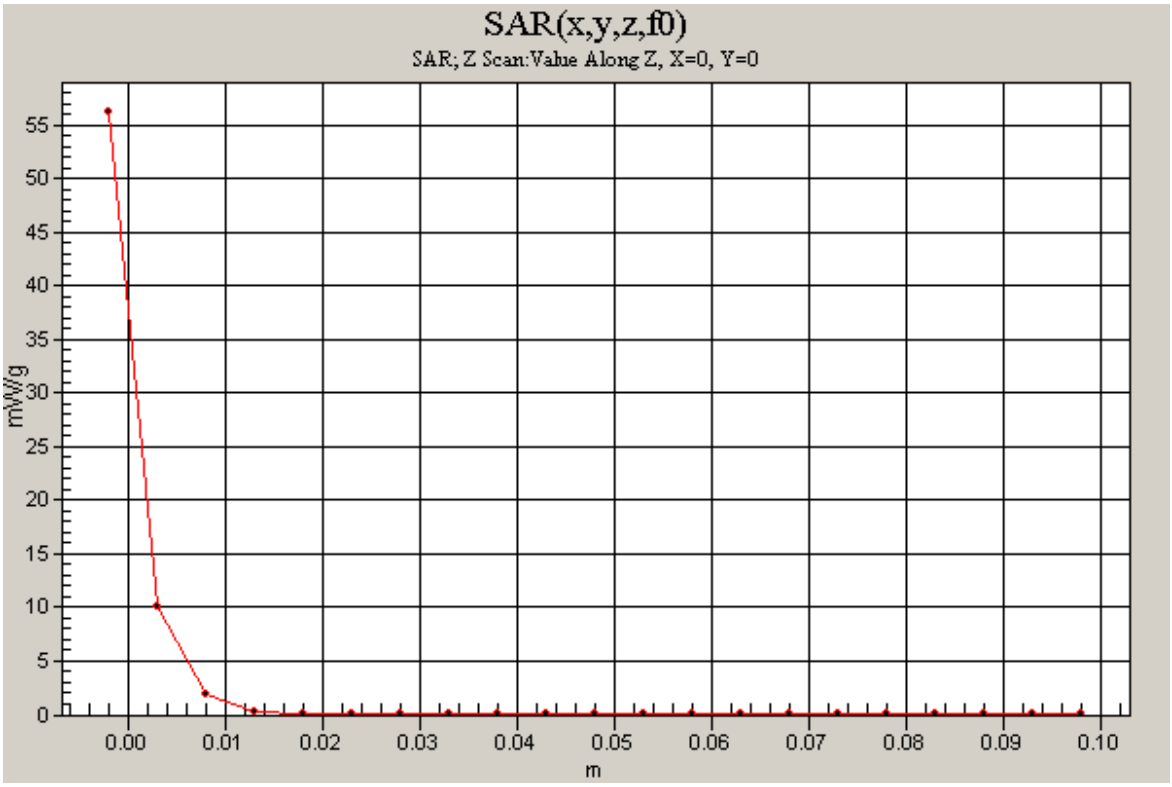
## Pin=250mW,d=10mm f=5800MHz/Zoom Scan (8x8x10)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 72.8 V/m; Power Drift = -0.031 dB
Peak SAR (extrapolated) = 60.9 W/kg
**SAR(1 g) = 17.3 mW/g; SAR(10 g) = 4.43 mW/g**
Maximum value of SAR (measured) = 25.1 mW/g

## Pin=250mW,d=10mm f=5800MHz/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 56.2 mW/g


mW/g
25.1
20.1
15.1
10.0
5.03
0.013


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
55
50
45
40
35
30
25
20
15
10
5
0
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 05/18/2009 08:37:21 AM

Test Laboratory: Compliance Certification Services Inc.

# D5GHz V2 SN 1004

## DUT: Dipole 5GHz ; Type: D5GHz V2; Serial: 1004

Communication System: CW5GHz; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; $\sigma$ = 5.35 mho/m; $\varepsilon_r$ = 48.2; $\rho$ = 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(3.99, 3.99, 3.99);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## Pin=250mW,d=10mm f=5200MHz/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm

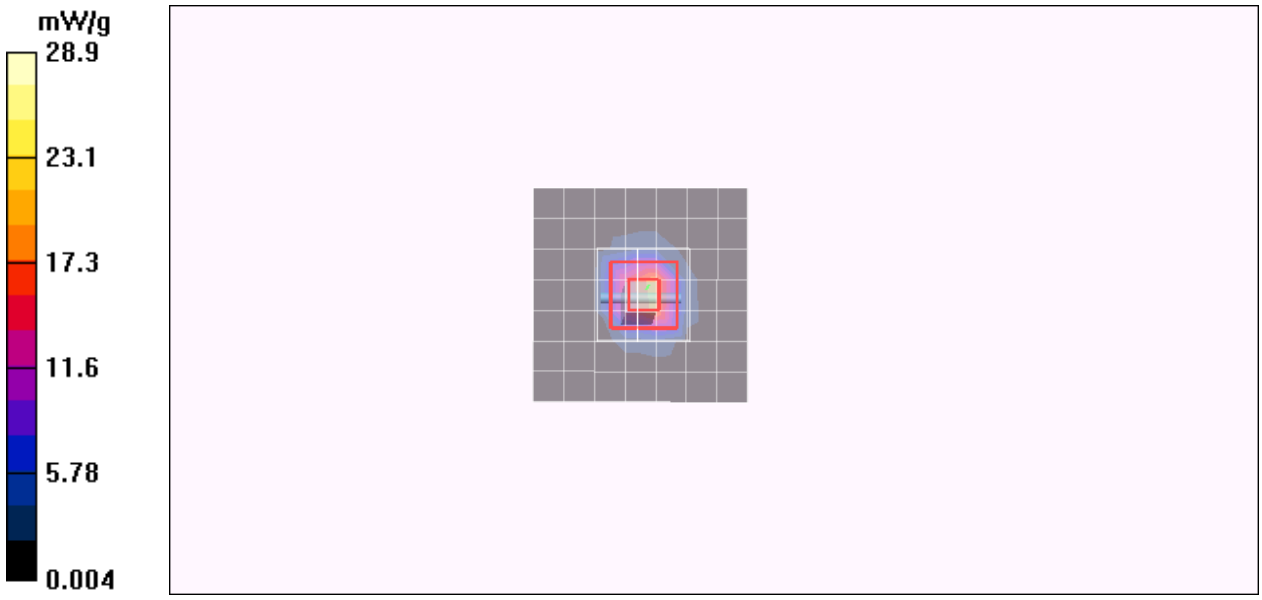
Maximum value of SAR (measured) = 19.1 mW/g

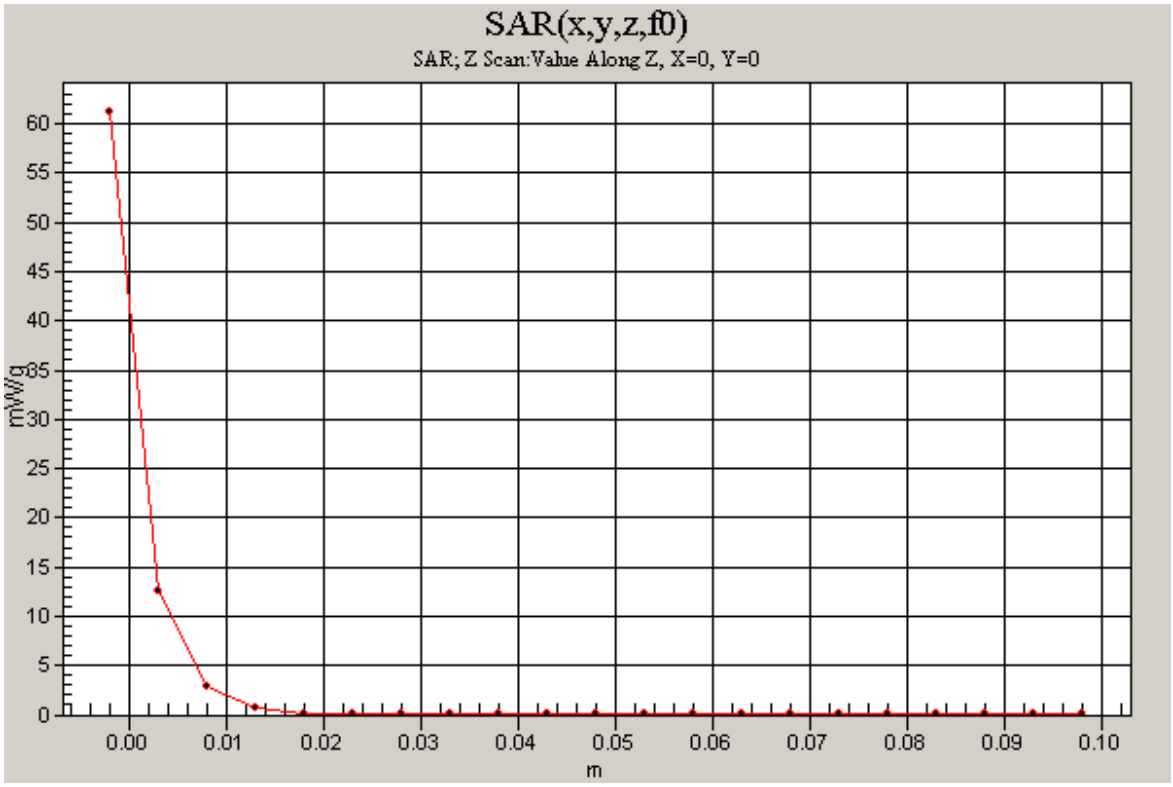
## Pin=250mW,d=10mm f=5200MHz/Zoom Scan (8x8x10)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 80.2 V/m; Power Drift = -0.013 dB
Peak SAR (extrapolated) = 59.6 W/kg
**SAR(1 g) = 19 mW/g; SAR(10 g) = 4.82 mW/g**
Maximum value of SAR (measured) = 28.9 mW/g

## Pin=250mW,d=10mm f=5200MHz/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 61.2 mW/g


mW/g
28.9
23.1
17.3
11.6
5.78
0.004


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
60
55
50
45
40
35
30
25
20
15
10
5
0
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 05/18/2009 09:28:31 AM

Test Laboratory: Compliance Certification Services Inc.

# D5GHz V2 SN 1004

## DUT: Dipole 5GHz ; Type: D5GHz V2; Serial: 1004

Communication System: CW5GHz; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; $\sigma$ = 6.2 mho/m; $\varepsilon_r$ = 47; $\rho$ = 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(3.77, 3.77, 3.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## Pin=250mW,d=10mm f=5800MHz/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm

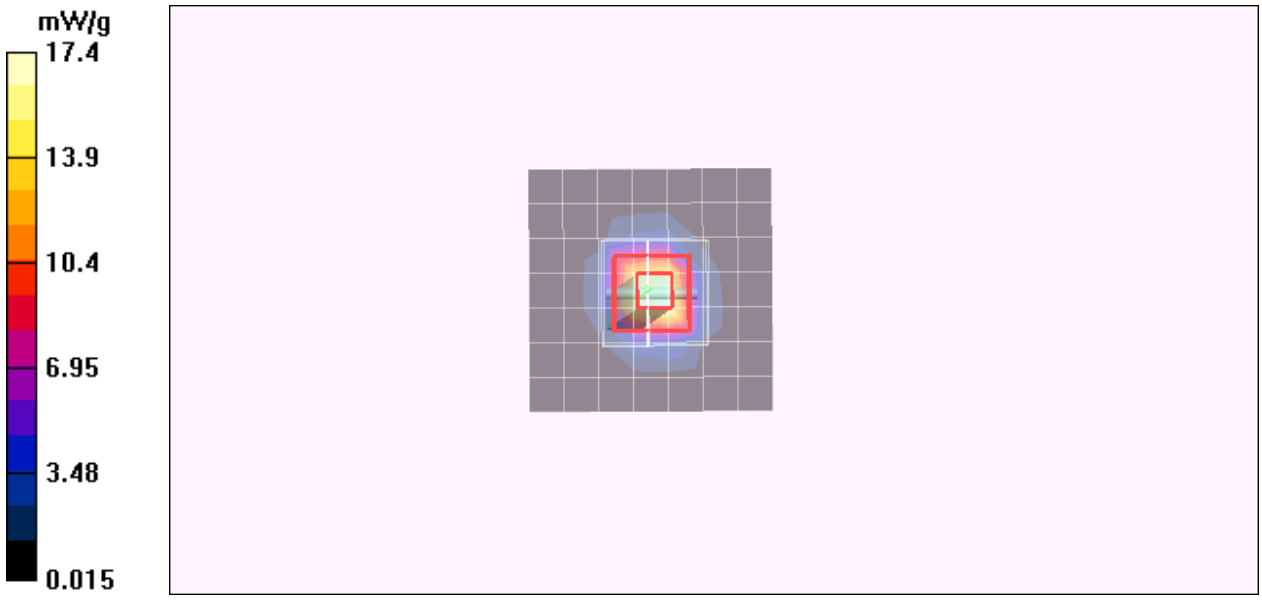
Maximum value of SAR (measured) = 17.4 mW/g

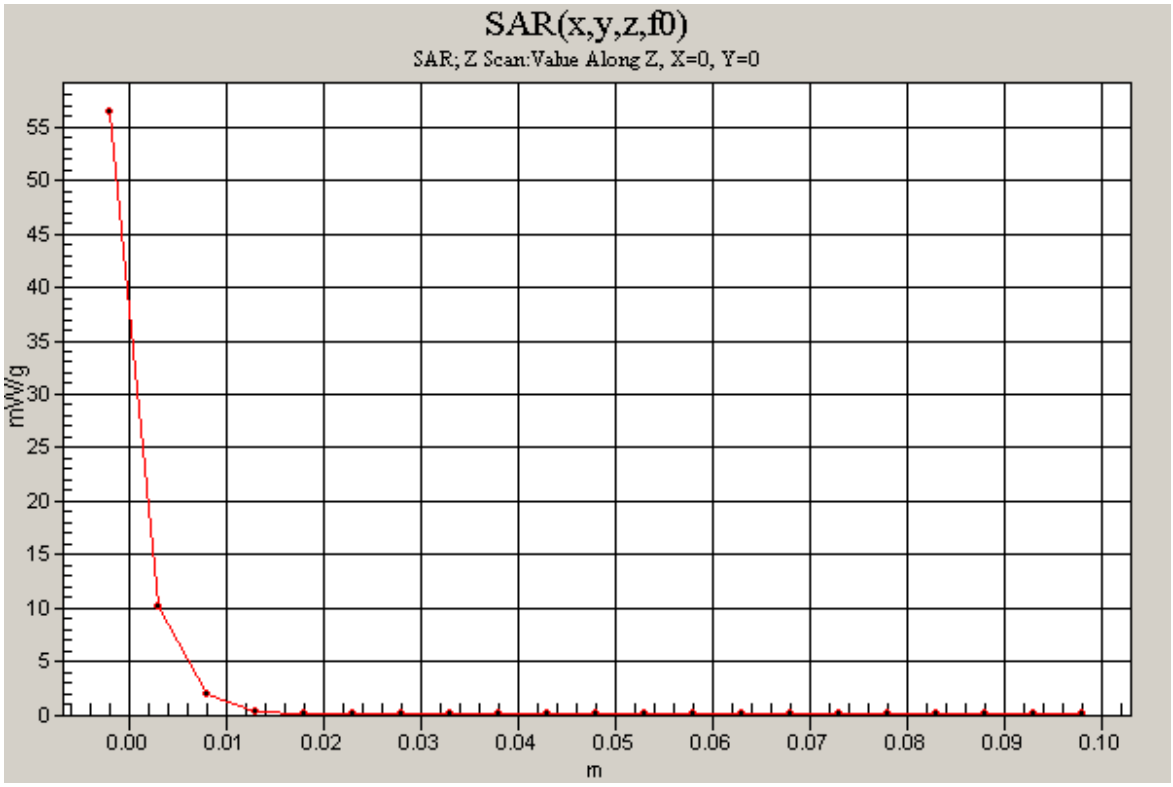
## Pin=250mW,d=10mm f=5800MHz/Zoom Scan (8x8x10)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 73.7 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 66.7 W/kg
**SAR(1 g) = 17.1 mW/g; SAR(10 g) = 4.33 mW/g**
Maximum value of SAR (measured) = 26.8 mW/g

## Pin=250mW,d=10mm f=5800MHz/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 56.4 mW/g


mW/g
17.4
13.9
10.4
6.95
3.48
0.015


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
55
50
45
40
35
30
25
20
15
10
5
0
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 05/04/2009 10:06:34 AM

Test Laboratory: Compliance Certification Services Inc.

# 80211b Right mode I7300

## DUT: I7300; Type: I7300; Serial: N/A

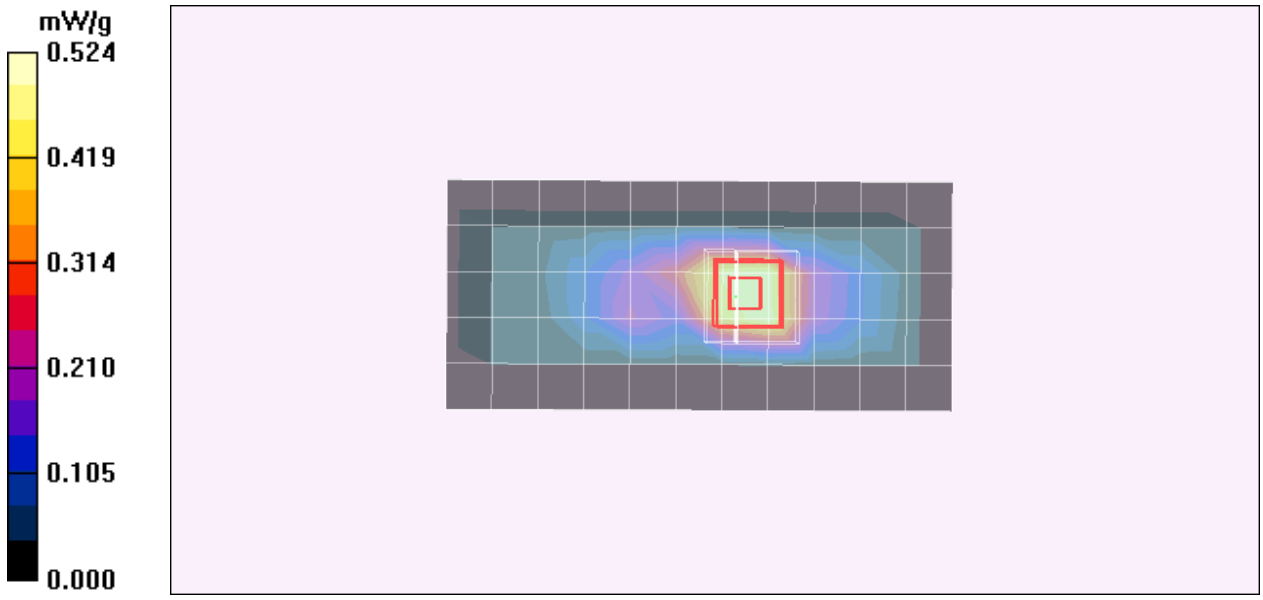
Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.96 mho/m; $\varepsilon_r$ = 51.5; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Air Temperature:24.7 deg C;Liquid Temperature:23.7 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3671; ConvF(7.17, 7.17, 7.17);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2/3/2009
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Middle CH Rate 1M/Area Scan (6x12x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.484 mW/g

**Middle CH Rate 1M/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 16.7 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 1.65 W/kg
**SAR(1 g) = 0.729 mW/g; SAR(10 g) = 0.302 mW/g**
Maximum value of SAR (measured) = 1.09 mW/g


mW/g
0.524
0.419
0.314
0.210
0.105
0.000

Date/Time: 05/04/2009 12:34:04 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211b Tip Edge mode I7300

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.96 mho/m; $\varepsilon_r$ = 51.5; $\rho$ = 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:

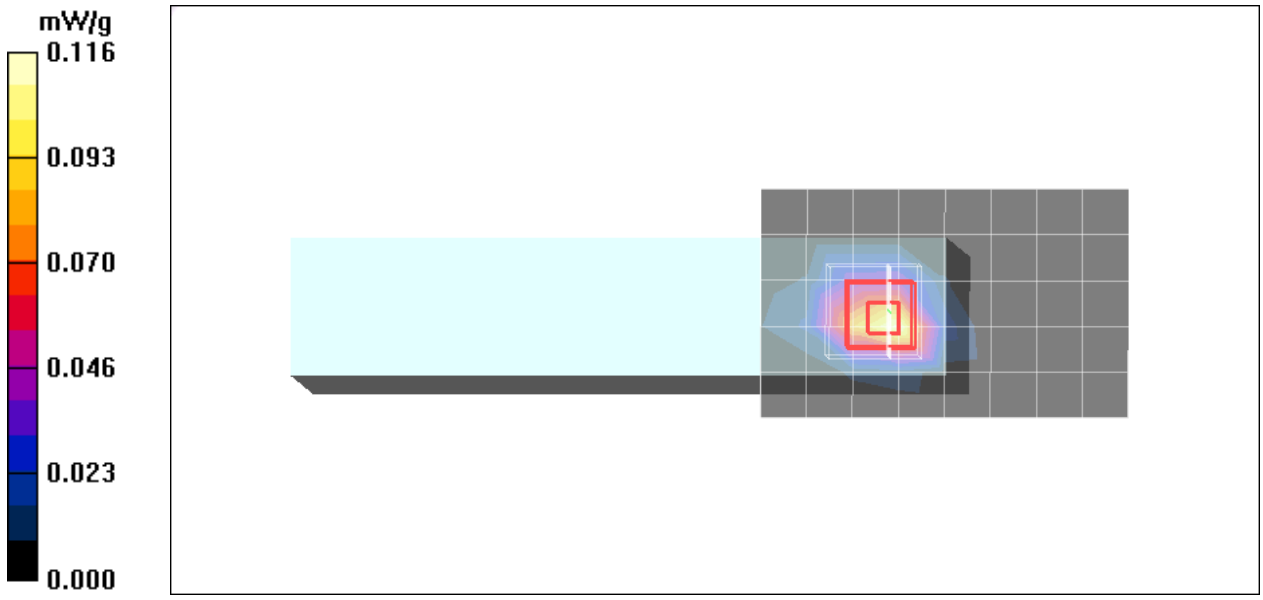
- Probe: EX3DV4 - SN3671; ConvF(7.17, 7.17, 7.17);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2/3/2009
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## Middle CH Rate 1M/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.112 mW/g

## Middle CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.72 V/m; Power Drift = -0.074 dB
Peak SAR (extrapolated) = 0.161 W/kg
**SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.037 mW/g**
Maximum value of SAR (measured) = 0.116 mW/g


mW/g
0.116
0.093
0.070
0.046
0.023
0.000

Date/Time: 05/04/2009 01:07:58 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211b Down Edge mode i7300

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.96 mho/m; $\varepsilon_r$ = 51.5; $\rho$ = 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:

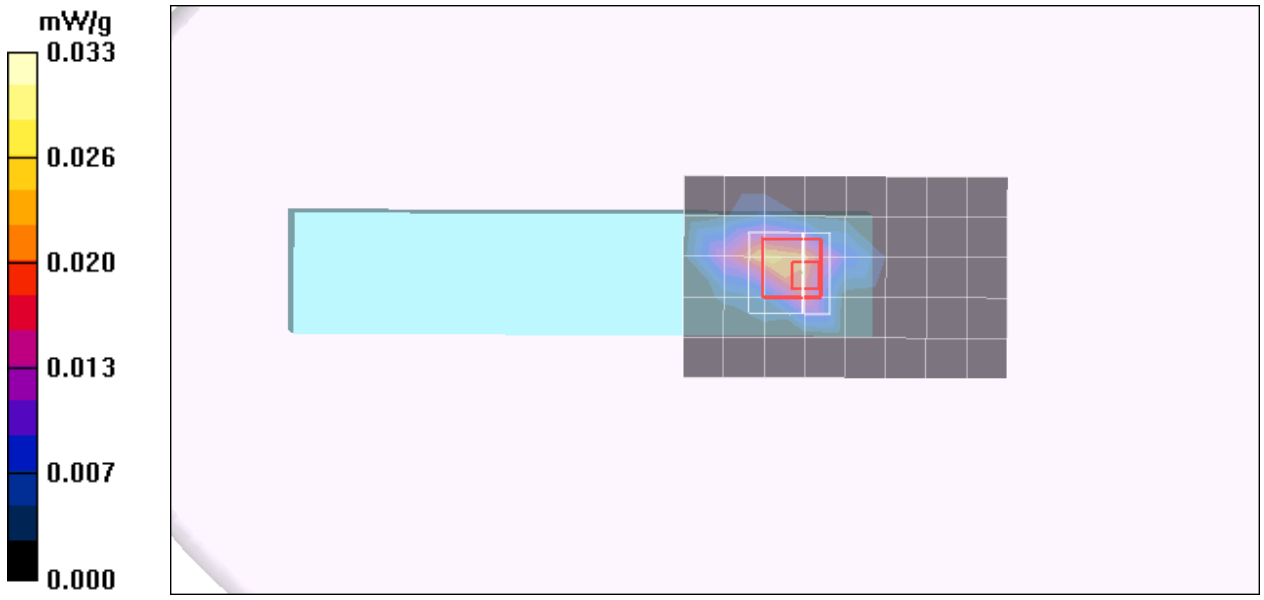
- Probe: EX3DV4 - SN3671; ConvF(7.17, 7.17, 7.17);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2/3/2009
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## Middle CH Rate 1M/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.023 mW/g

## Middle CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.23 V/m; Power Drift = -0.175 dB
Peak SAR (extrapolated) = 0.049 W/kg
**SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.00816 mW/g**
Maximum value of SAR (measured) = 0.038 mW/g


mW/g
0.033
0.026
0.020
0.013
0.007
0.000

Date/Time: 05/04/2009 04:21:59 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211b Bottom Flat mode I7300

## DUT: I7300; Type: I7300; Serial: N/A

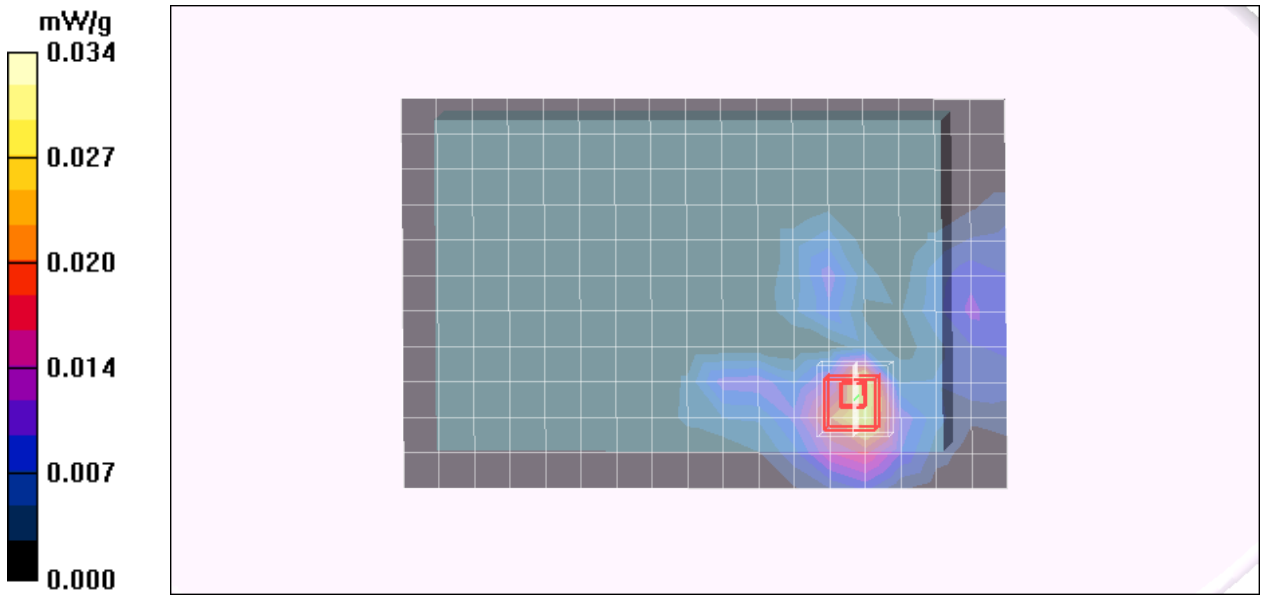
Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.96 mho/m; $\varepsilon_r$ = 51.5; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3671; ConvF(7.17, 7.17, 7.17);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2/3/2009
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Middle CH Rate 1M/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.029 mW/g

**Middle CH Rate 1M/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 0.342 V/m; Power Drift = -0.123 dB
Peak SAR (extrapolated) = 0.065 W/kg
**SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.011 mW/g**
Maximum value of SAR (measured) = 0.044 mW/g


mW/g
0.034
0.027
0.020
0.014
0.007
0.000

Date/Time: 05/04/2009 10:44:22 AM

Test Laboratory: Compliance Certification Services Inc.

# 80211g Right Edge mode I7300

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; $\sigma$ = 1.93 mho/m; $\varepsilon_r$ = 51.6; $\rho$ = 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:

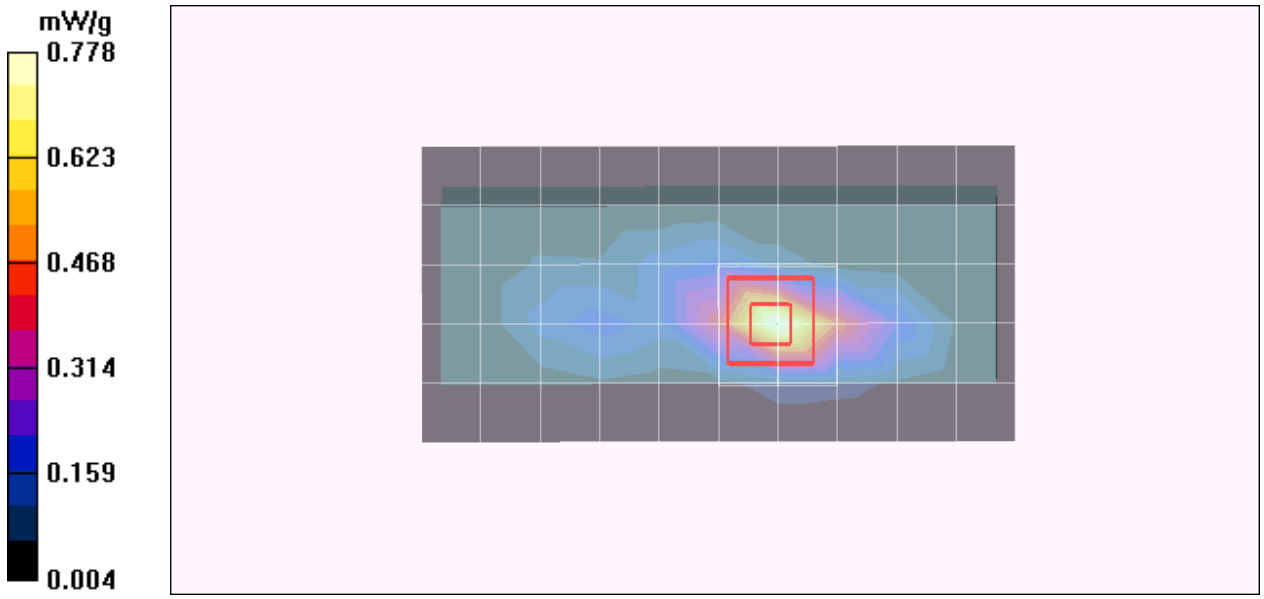
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## Low CH Rate 6M/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.818 mW/g

## Low CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 14.4 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 1.23 W/kg
**SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.203 mW/g**
Maximum value of SAR (measured) = 0.778 mW/g


mW/g
0.778
0.623
0.468
0.314
0.159
0.004

Date/Time: 05/04/2009 01:42:01 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211g Tip Edge mode I7300

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; $\sigma$ = 1.93 mho/m; $\varepsilon_r$ = 51.6; $\rho$ = 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:

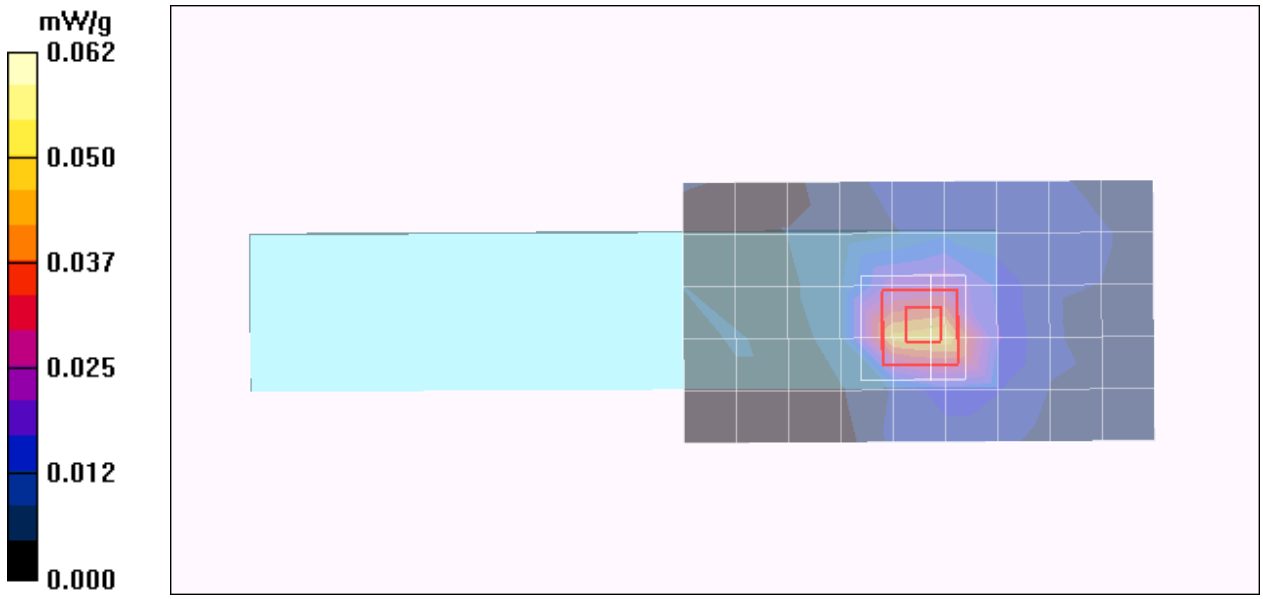
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## Low CH Rate 6M/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.046 mW/g

## Low CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.07 V/m; Power Drift = -0.165 dB
Peak SAR (extrapolated) = 0.089 W/kg
**SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.022 mW/g**
Maximum value of SAR (measured) = 0.062 mW/g


mW/g
0.062
0.050
0.037
0.025
0.012
0.000

Date/Time: 05/04/2009 02:56:34 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211g Down Edge mode i7300

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; $\sigma$ = 1.93 mho/m; $\varepsilon_r$ = 51.6; $\rho$ = 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:

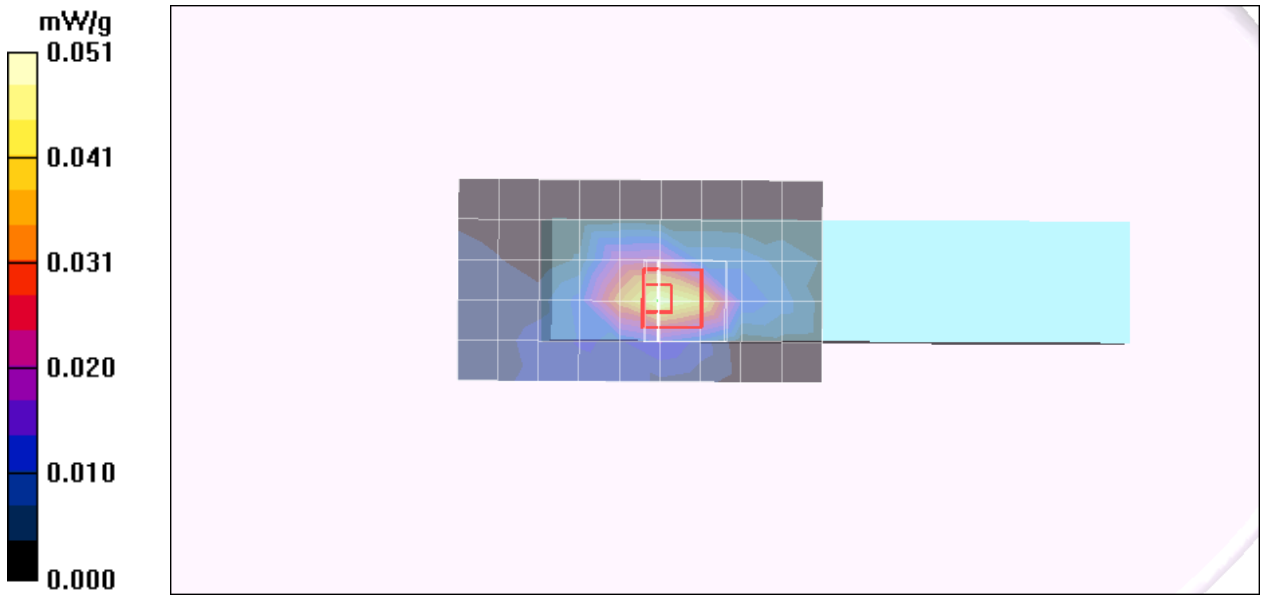
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## Low CH Rate 6M/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.047 mW/g

## Low CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.38 V/m; Power Drift = -0.149 dB
Peak SAR (extrapolated) = 0.073 W/kg
**SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.015 mW/g**
Maximum value of SAR (measured) = 0.051 mW/g


mW/g
0.051
0.041
0.031
0.020
0.010
0.000

Date/Time: 05/04/2009 05:16:26 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211g Bottom Flat mode I7300

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; $\sigma$ = 1.93 mho/m; $\varepsilon_r$ = 51.6; $\rho$ = 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(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## Low CH Rate 6M/Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm

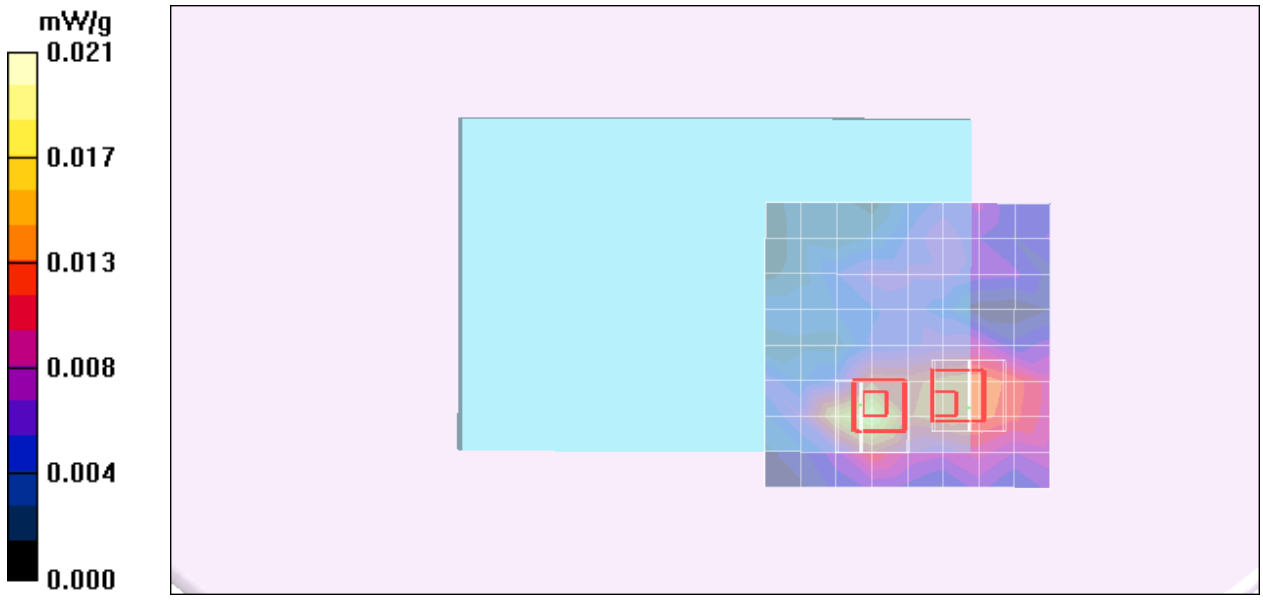
Maximum value of SAR (measured) = 0.019 mW/g

## Low CH Rate 6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.415 V/m; Power Drift = -0.108 dB
Peak SAR (extrapolated) = 0.024 W/kg
**SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00859 mW/g**
Maximum value of SAR (measured) = 0.021 mW/g

## Low CH Rate 6M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.415 V/m; Power Drift = -0.108 dB
Peak SAR (extrapolated) = 0.021 W/kg
**SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00739 mW/g**
Maximum value of SAR (measured) = 0.016 mW/g


mW/g
0.021
0.017
0.013
0.008
0.004
0.000

Date/Time: 05/04/2009 11:20:31 AM

Test Laboratory: Compliance Certification Services Inc.

# 80211g Right Edge mode I7300 HT20

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11g WLAN HT20; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.96 mho/m; $\varepsilon_r$ = 51.5; $\rho$ = 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:

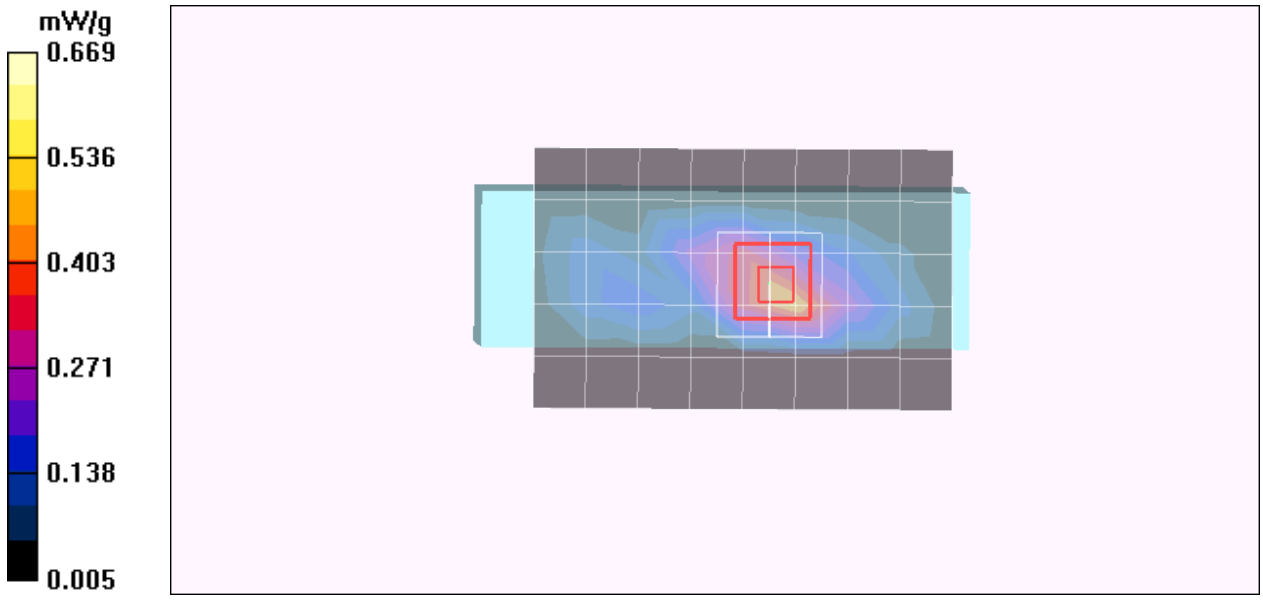
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## Middle CH Rate 6.5M/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.461 mW/g

## Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 14.6 V/m; Power Drift = -0.005 dB
Peak SAR (extrapolated) = 1.36 W/kg
**SAR(1 g) = 0.509 mW/g; SAR(10 g) = 0.205 mW/g**
Maximum value of SAR (measured) = 0.769 mW/g


mW/g
0.669
0.536
0.403
0.271
0.138
0.005

Date/Time: 05/04/2009 02:07:39 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211g Tip Edge mode I7300 HT20

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11g WLAN HT20; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.96 mho/m; $\varepsilon_r$ = 51.5; $\rho$ = 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:

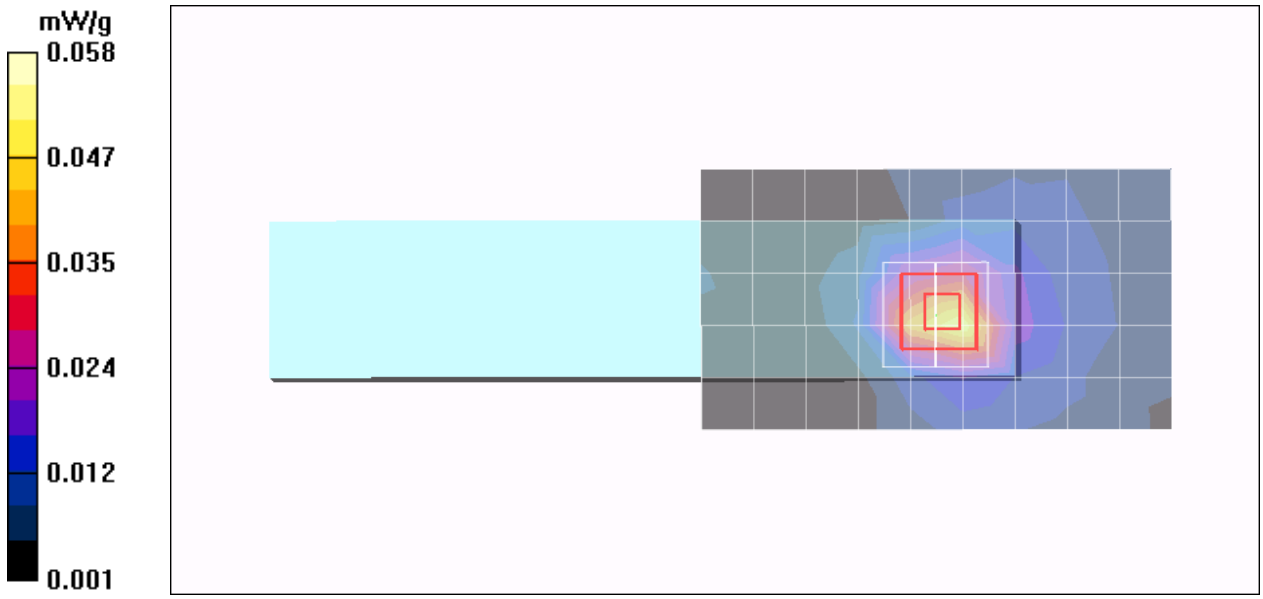
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## Middle CH Rate 6.5M/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.051 mW/g

## Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.97 V/m; Power Drift = -0.092 dB
Peak SAR (extrapolated) = 0.091 W/kg
**SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.020 mW/g**
Maximum value of SAR (measured) = 0.058 mW/g


mW/g
0.058
0.047
0.035
0.024
0.012
0.001

Date/Time: 05/04/2009 03:19:07 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211g Down Edge mode i7300 HT20

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11g WLAN HT20; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.96 mho/m; $\varepsilon_r$ = 51.5; $\rho$ = 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:

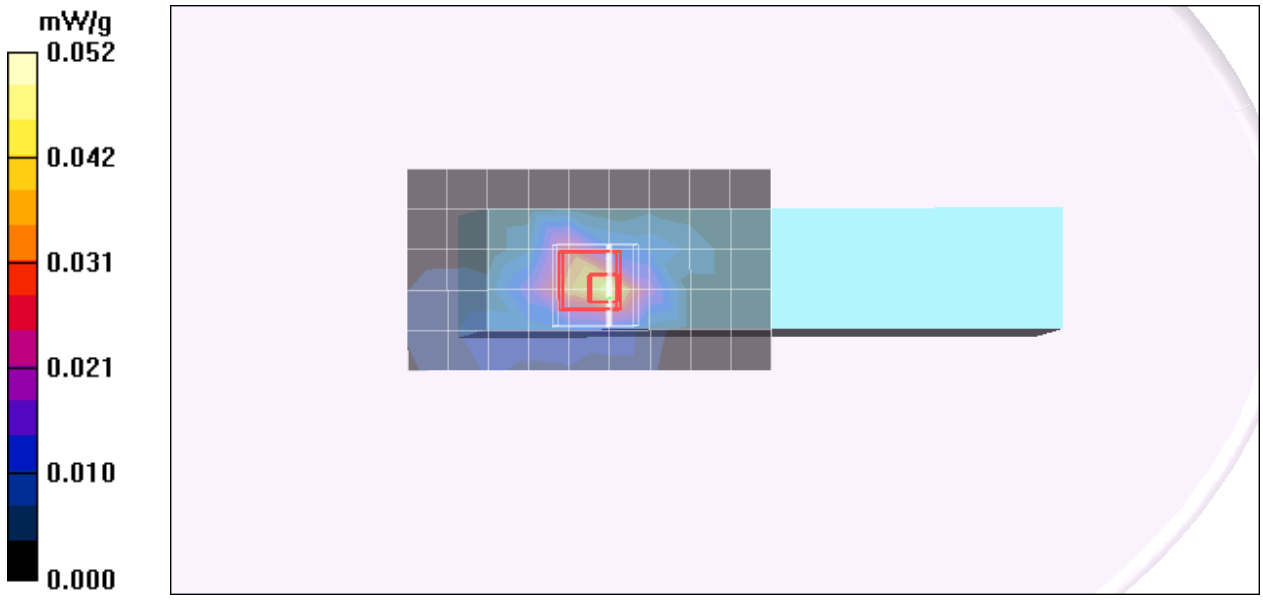
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## Middle CH Rate 6.5M/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.044 mW/g

## Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.52 V/m; Power Drift = -0.162 dB
Peak SAR (extrapolated) = 0.072 W/kg
**SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.017 mW/g**
Maximum value of SAR (measured) = 0.052 mW/g


mW/g
0.052
0.042
0.031
0.021
0.010
0.000

Date/Time: 05/04/2009 05:52:57 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211g Bottom Flat mode I7300 HT20

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11g WLAN HT20; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.96 mho/m; $\varepsilon_r$ = 51.5; $\rho$ = 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(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## Middle CH Rate 6.5M/Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm

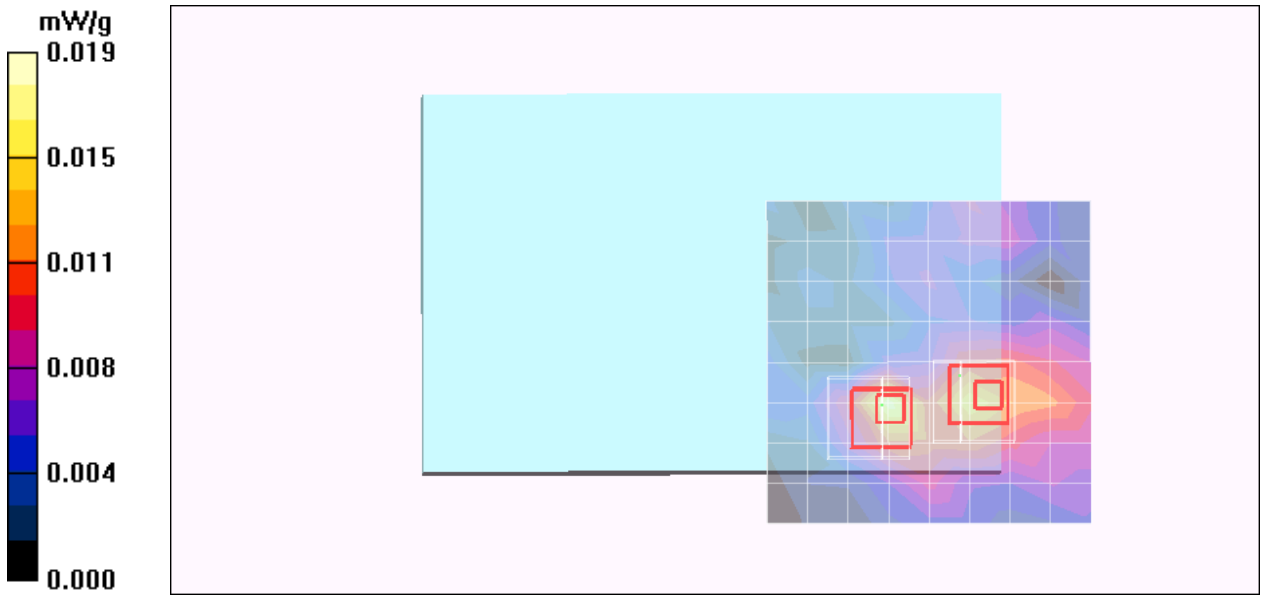
Maximum value of SAR (measured) = 0.017 mW/g

## Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.972 V/m; Power Drift = -0.138 dB
Peak SAR (extrapolated) = 0.050 W/kg
**SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00731 mW/g**
Maximum value of SAR (measured) = 0.019 mW/g

## Middle CH Rate 6.5M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.972 V/m; Power Drift = -0.138 dB
Peak SAR (extrapolated) = 0.019 W/kg
**SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.0069 mW/g**
Maximum value of SAR (measured) = 0.016 mW/g


mW/g
0.019
0.015
0.011
0.008
0.004
0.000

Date/Time: 05/04/2009 11:55:53 AM

Test Laboratory: Compliance Certification Services Inc.

# 80211g Right Edge mode I7300 HT40

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11g WLAN HT40; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.96 mho/m; $\varepsilon_r$ = 51.5; $\rho$ = 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:

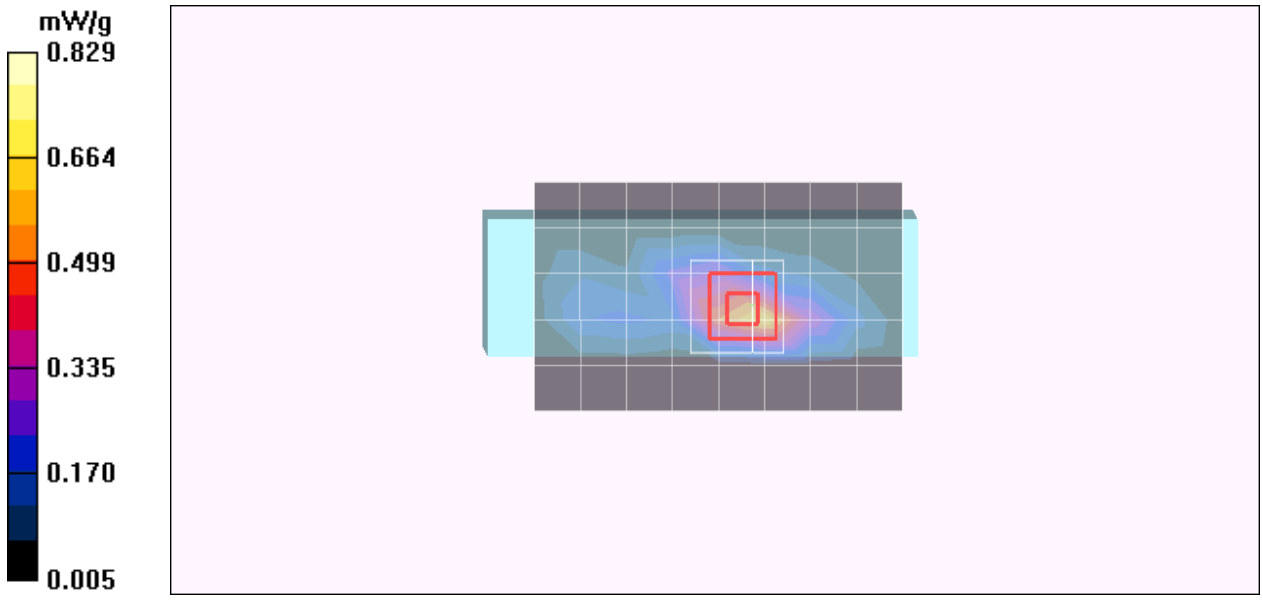
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## Middle CH Rate 13.5M/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.625 mW/g

## Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 15.0 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 1.40 W/kg
**SAR(1 g) = 0.545 mW/g; SAR(10 g) = 0.220 mW/g**
Maximum value of SAR (measured) = 0.829 mW/g


mW/g
0.829
0.664
0.499
0.335
0.170
0.005

Date/Time: 05/04/2009 02:33:08 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211g Tip Edge mode I7300 HT40

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11g WLAN HT40; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.96 mho/m; $\varepsilon_r$ = 51.5; $\rho$ = 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:

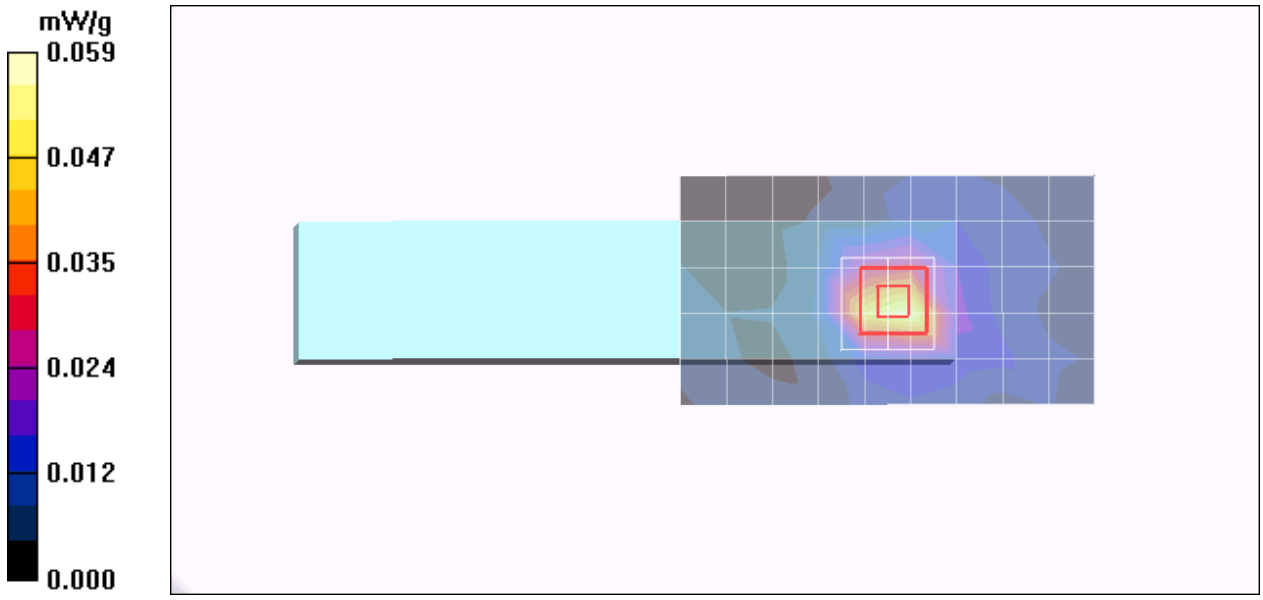
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## Middle CH Rate 13.5M/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.055 mW/g

## Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.94 V/m; Power Drift = -0.038 dB
Peak SAR (extrapolated) = 0.085 W/kg
**SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.021 mW/g**
Maximum value of SAR (measured) = 0.059 mW/g


mW/g
0.059
0.047
0.035
0.024
0.012
0.000

Date/Time: 05/04/2009 03:48:23 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211g Down Edge mode i7300 HT40

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11g WLAN HT40; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.96 mho/m; $\varepsilon_r$ = 51.5; $\rho$ = 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:

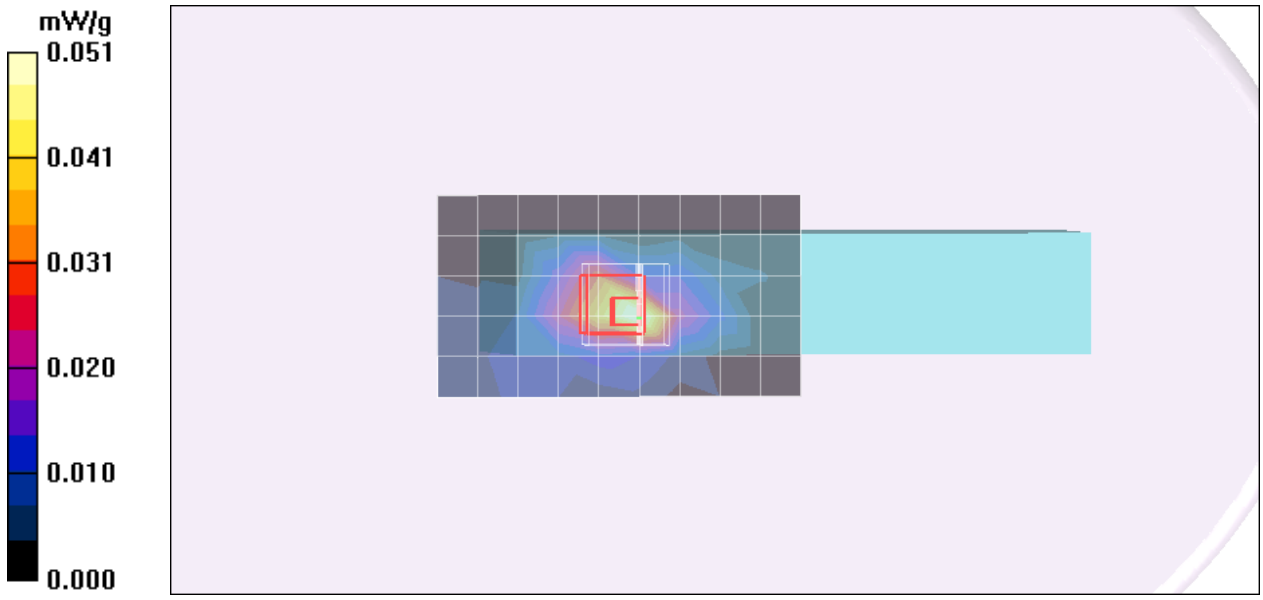
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## Middle CH Rate 13.5M/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.054 mW/g

## Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.33 V/m; Power Drift = -0.128 dB
Peak SAR (extrapolated) = 0.086 W/kg
**SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.018 mW/g**
Maximum value of SAR (measured) = 0.051 mW/g


mW/g
0.051
0.041
0.031
0.020
0.010
0.000

Date/Time: 05/04/2009 06:30:37 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211g Bottom Flat mode I7300 HT40

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11g WLAN HT40; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.96 mho/m; $\varepsilon_r$ = 51.5; $\rho$ = 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:

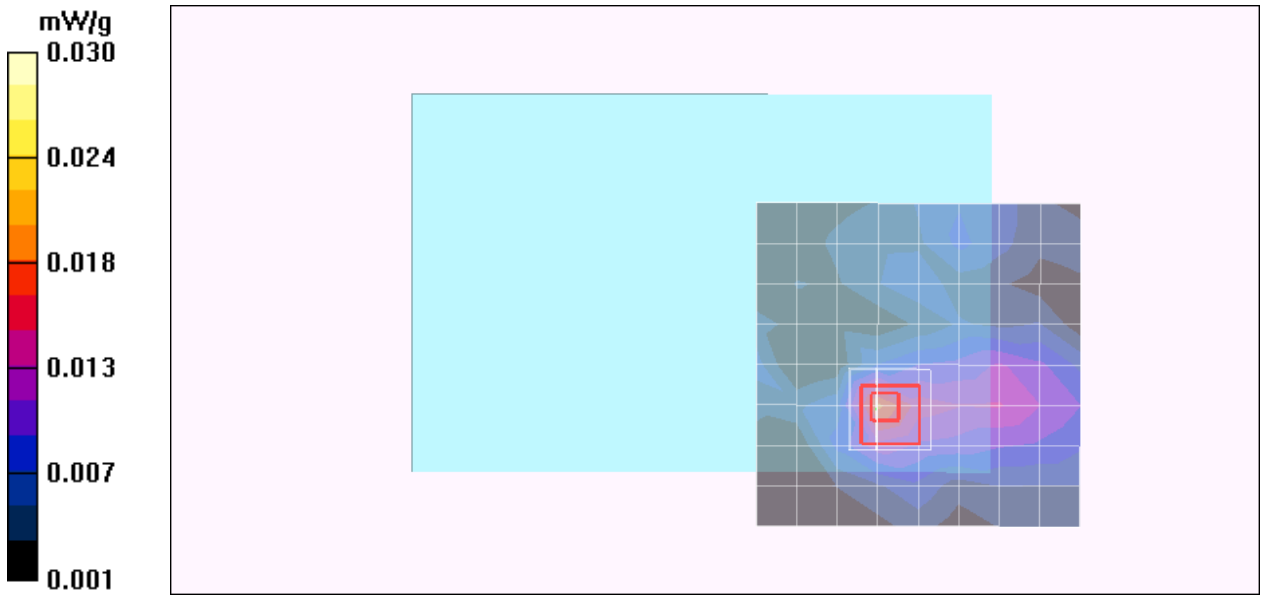
- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## Middle CH Rate 13.5M/Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.019 mW/g

## Middle CH Rate 13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.618 V/m; Power Drift = -0.154 dB
Peak SAR (extrapolated) = 0.031 W/kg
**SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00807 mW/g**
Maximum value of SAR (measured) = 0.021 mW/g


mW/g
0.030
0.024
0.018
0.013
0.007
0.001

Date/Time: 05/16/2009 11:43:07 AM

Test Laboratory: Compliance Certification Services Inc.

# 80211a DTS Right edge I7300

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; $\sigma$ = 5.92 mho/m; $\varepsilon_r$ = 47.6; $\rho$ = 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:

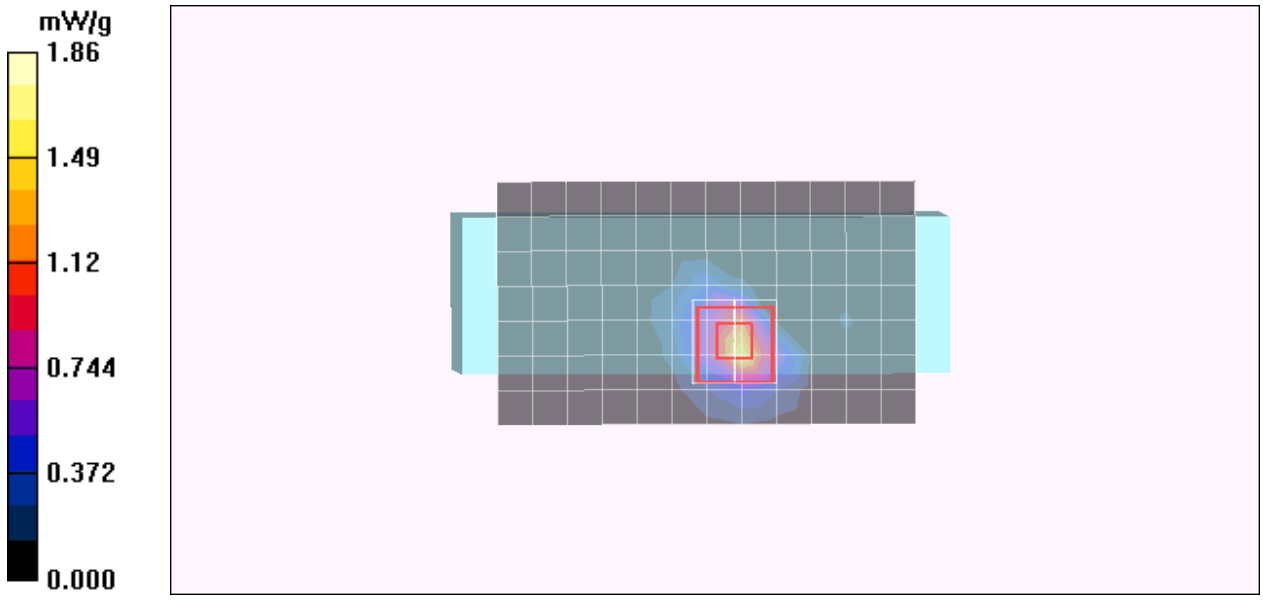
- Probe: EX3DV4 - SN3554; ConvF(3.83, 3.83, 3.83);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

# DTS CH5600 Rate=6M/Area Scan (8x13x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.51 mW/g

# DTS CH5600 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 9.51 V/m; Power Drift = -0.079 dB
Peak SAR (extrapolated) = 4.75 W/kg
**SAR(1 g) = 1.000 mW/g; SAR(10 g) = 0.286 mW/g**
Maximum value of SAR (measured) = 1.86 mW/g


mW/g
1.86
1.49
1.12
0.744
0.372
0.000

Date/Time: 05/16/2009 09:55:27 AM

Test Laboratory: Compliance Certification Services Inc.

# 80211a UNII Tip edge I7300

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A HT20; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; $\sigma$ = 5.92 mho/m; $\varepsilon_r$ = 47.6; $\rho$ = 1000 kg/$m^3$
Phantom section: Flat Section
Air Temperature:24.5 deg C;Liquid Temperature:23.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

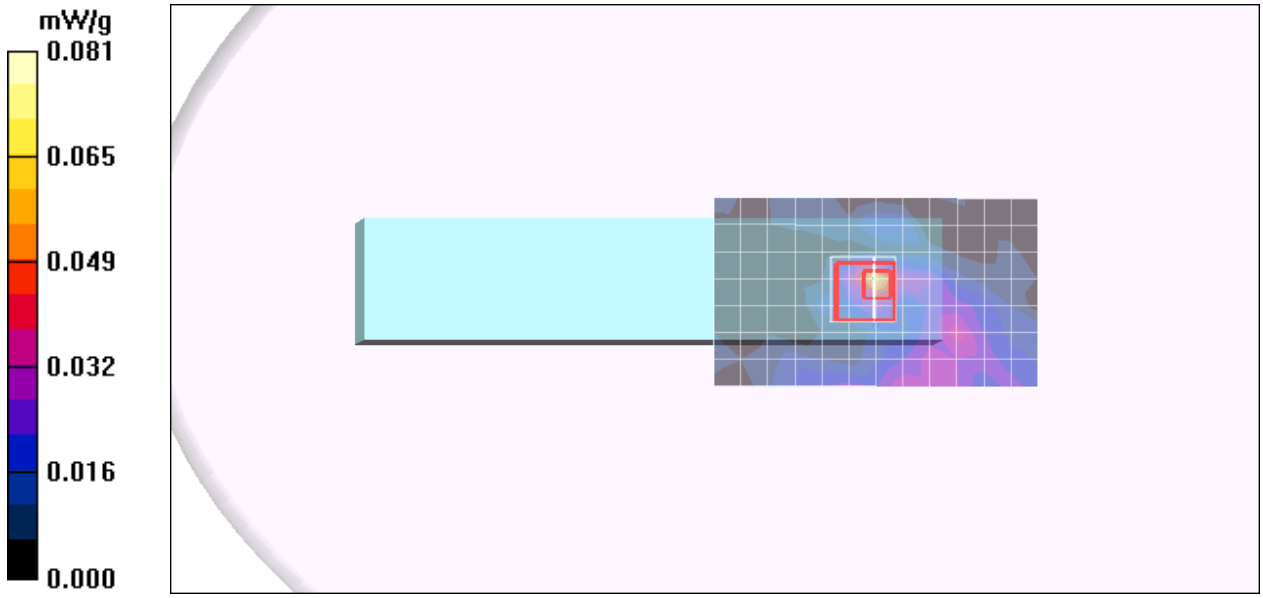
- Probe: EX3DV4 - SN3554; ConvF(3.83, 3.83, 3.83);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## DTS CH5600 Rate=6M/Area Scan (8x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.064 mW/g

## DTS CH5600 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.93 V/m; Power Drift = -0.161 dB
Peak SAR (extrapolated) = 0.177 W/kg
**SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.012 mW/g**
Maximum value of SAR (measured) = 0.081 mW/g


mW/g
0.081
0.065
0.049
0.032
0.016
0.000

Date/Time: 05/16/2009 10:32:10 AM

Test Laboratory: Compliance Certification Services Inc.

# 80211a UNII Down edge I7300

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A HT20; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; $\sigma$ = 5.92 mho/m; $\varepsilon_r$ = 47.6; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Air Temperature:24.5 deg C;Liquid Temperature:23.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

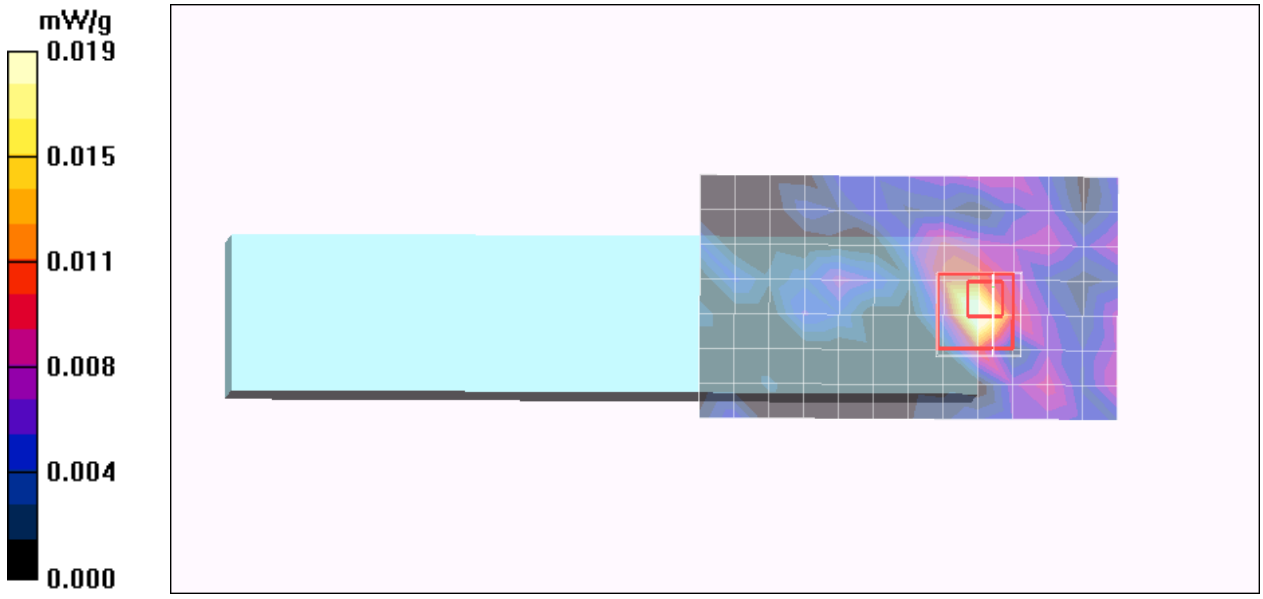
- Probe: EX3DV4 - SN3554; ConvF(3.83, 3.83, 3.83);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## DTS CH5600 Rate=6M/Area Scan (8x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.023 mW/g

## DTS CH5600 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.07 V/m; Power Drift = -0.159 dB
Peak SAR (extrapolated) = 0.037 W/kg
**SAR(1 g) = 0.00186 mW/g; SAR(10 g) = 0.000445 mW/g**
Maximum value of SAR (measured) = 0.019 mW/g


mW/g
0.019
0.015
0.011
0.008
0.004
0.000

Date/Time: 05/16/2009 11:03:20 AM

Test Laboratory: Compliance Certification Services Inc.

# 80211a UNII Bottom Flat I7300

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A HT40; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; $\sigma$ = 5.92 mho/m; $\varepsilon_r$ = 47.6; $\rho$ = 1000 kg/$m^3$
Phantom section: Flat Section
Air Temperature:24.5 deg C;Liquid Temperature:23.5 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(3.83, 3.83, 3.83);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

# DTS CH5600 Rate=6M/Area Scan 5 (11x11x1): Measurement grid:

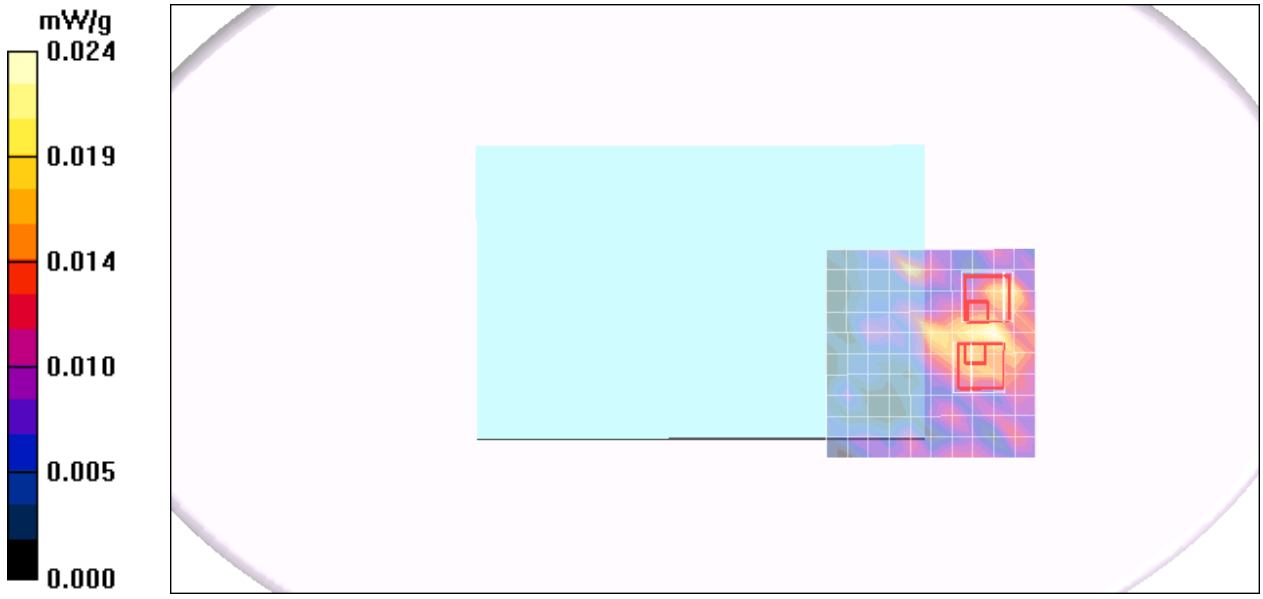
dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.024 mW/g

# DTS CH5600 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = -0.099 dB
Peak SAR (extrapolated) = 0.137 W/kg
**SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00397 mW/g**
Maximum value of SAR (measured) = 0.030 mW/g

# DTS CH5600 Rate=6M/Zoom Scan (7x7x9)/Cube 1: Measurement grid:

dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = -0.099 dB
Peak SAR (extrapolated) = 0.178 W/kg
**SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00374 mW/g**
Maximum value of SAR (measured) = 0.030 mW/g


mW/g
0.024
0.019
0.014
0.010
0.005
0.000

Date/Time: 05/16/2009 12:25:31 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211a UNII Right edge I7300

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; $\sigma$ = 5.32 mho/m; $\varepsilon_r$ = 48.4; $\rho$ = 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:

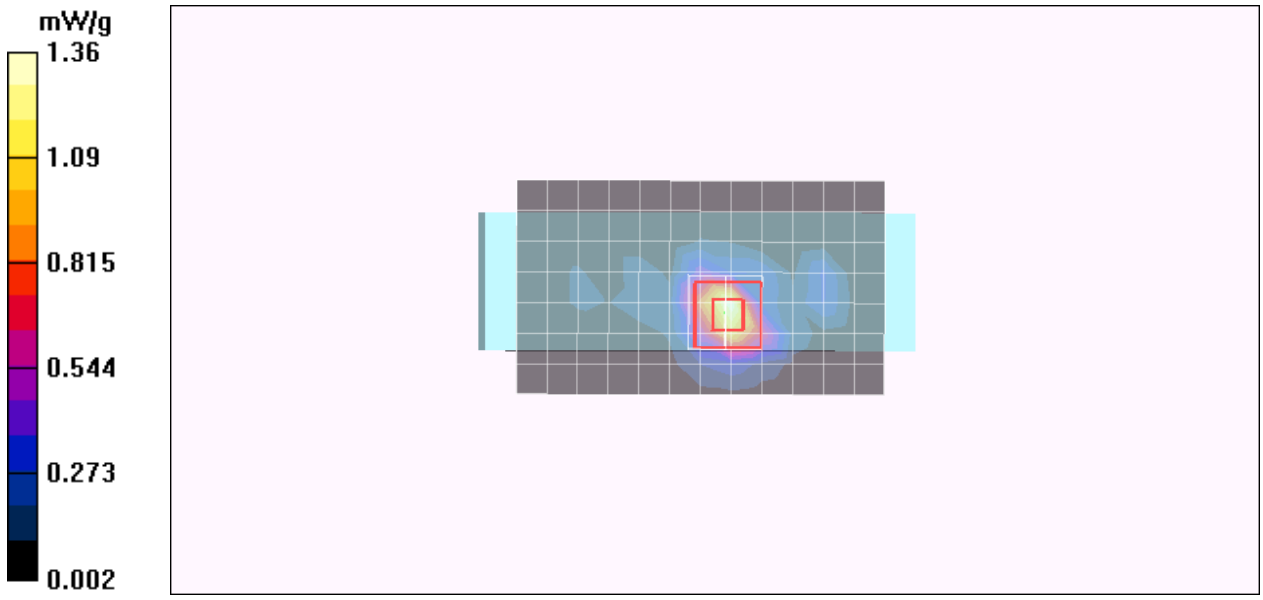
- Probe: EX3DV4 - SN3554; ConvF(3.99, 3.99, 3.99);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

# UNII CH5200 Rate=6M /Area Scan (8x13x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.36 mW/g

# UNII CH5200 Rate=6M /Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 9.95 V/m; Power Drift = -0.120 dB
Peak SAR (extrapolated) = 4.19 W/kg
**SAR(1 g) = 1.060 mW/g; SAR(10 g) = 0.329 mW/g**
Maximum value of SAR (measured) = 2.20 mW/g


mW/g
1.36
1.09
0.815
0.544
0.273
0.002

Date/Time: 05/16/2009 01:11:11 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211a UNII Right edge I7300

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5240 MHz; $\sigma$ = 5.38 mho/m; $\varepsilon_r$ = 48.3; $\rho$ = 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:

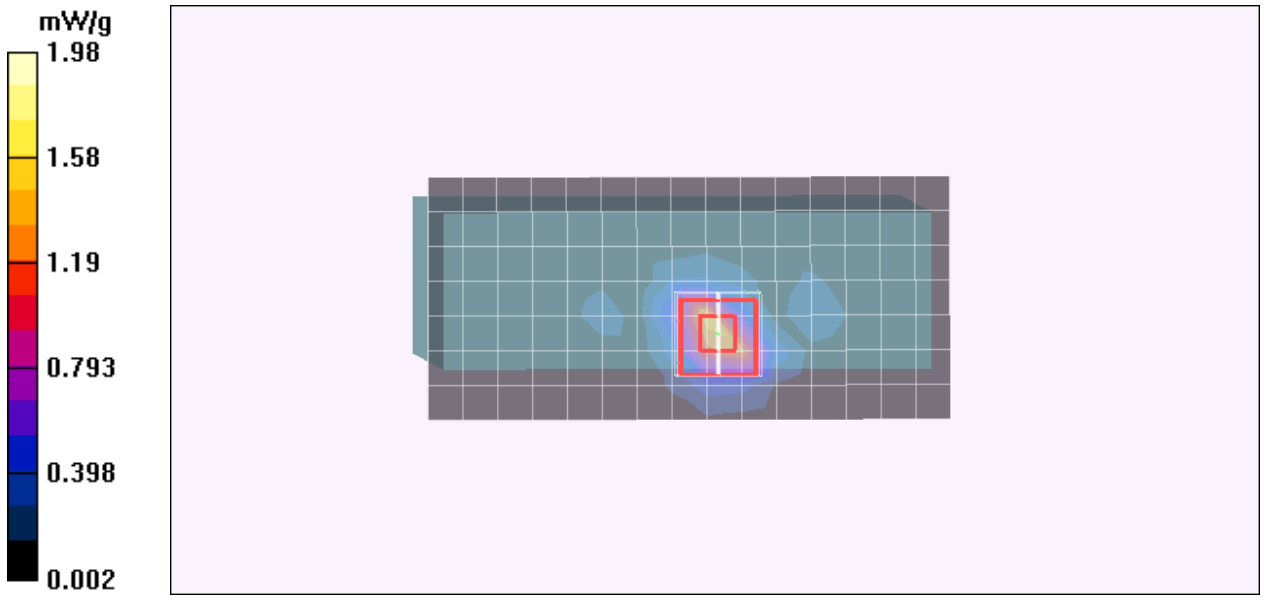
- Probe: EX3DV4 - SN3554; ConvF(3.99, 3.99, 3.99);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

# UNII CH5240 Rate=6M/Area Scan (8x16x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.42 mW/g

# UNII CH5240 Rate=6M/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 10.2 V/m; Power Drift = -0.082 dB
Peak SAR (extrapolated) = 4.49 W/kg
**SAR(1 g) = 1.080 mW/g; SAR(10 g) = 0.333 mW/g**
Maximum value of SAR (measured) = 1.98 mW/g


mW/g
1.98
1.58
1.19
0.793
0.398
0.002

Date/Time: 05/16/2009 01:53:52 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211a UNII Right edge I7300

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; $\sigma$ = 5.41 mho/m; $\varepsilon_r$ = 48.3; $\rho$ = 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:

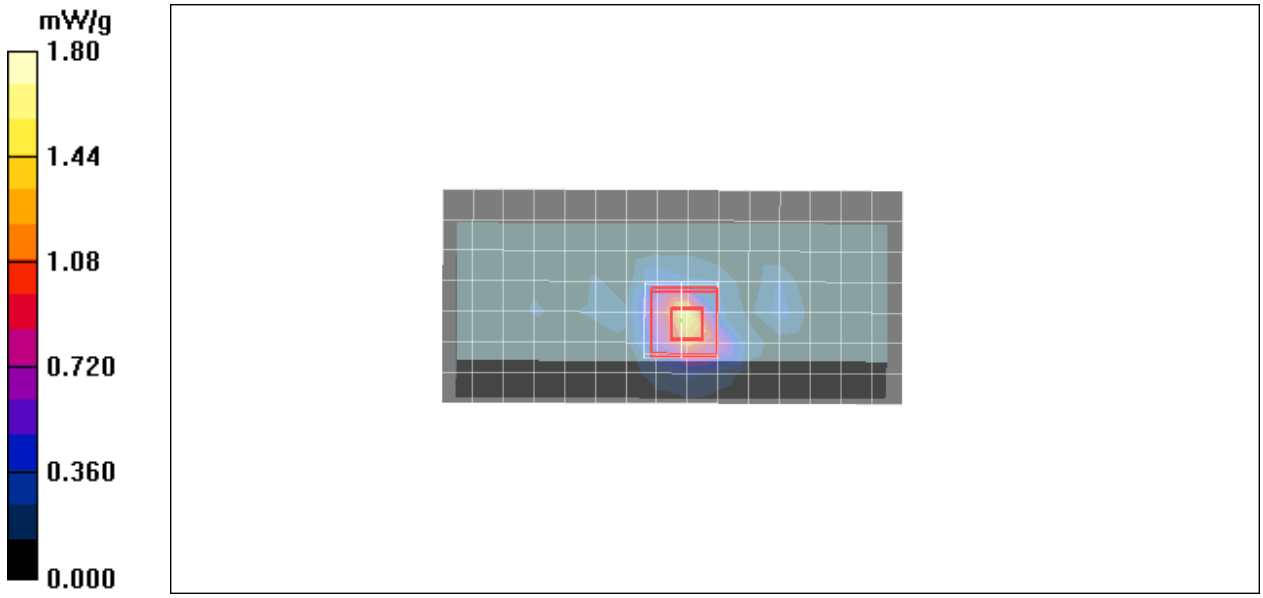
- Probe: EX3DV4 - SN3554; ConvF(3.72, 3.72, 3.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

# UNII CH5260 Rate=6M/Area Scan (8x16x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.51 mW/g

# UNII CH5260 Rate=6M/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 10.1 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 3.79 W/kg
**SAR(1 g) = 0.991 mW/g; SAR(10 g) = 0.309 mW/g**
Maximum value of SAR (measured) = 1.80 mW/g


mW/g
1.80
1.44
1.08
0.720
0.360
0.000

Date/Time: 05/16/2009 02:37:01 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211a UNII Right edge I7300

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; $\sigma$ = 5.32 mho/m; $\varepsilon_r$ = 48.4; $\rho$ = 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:

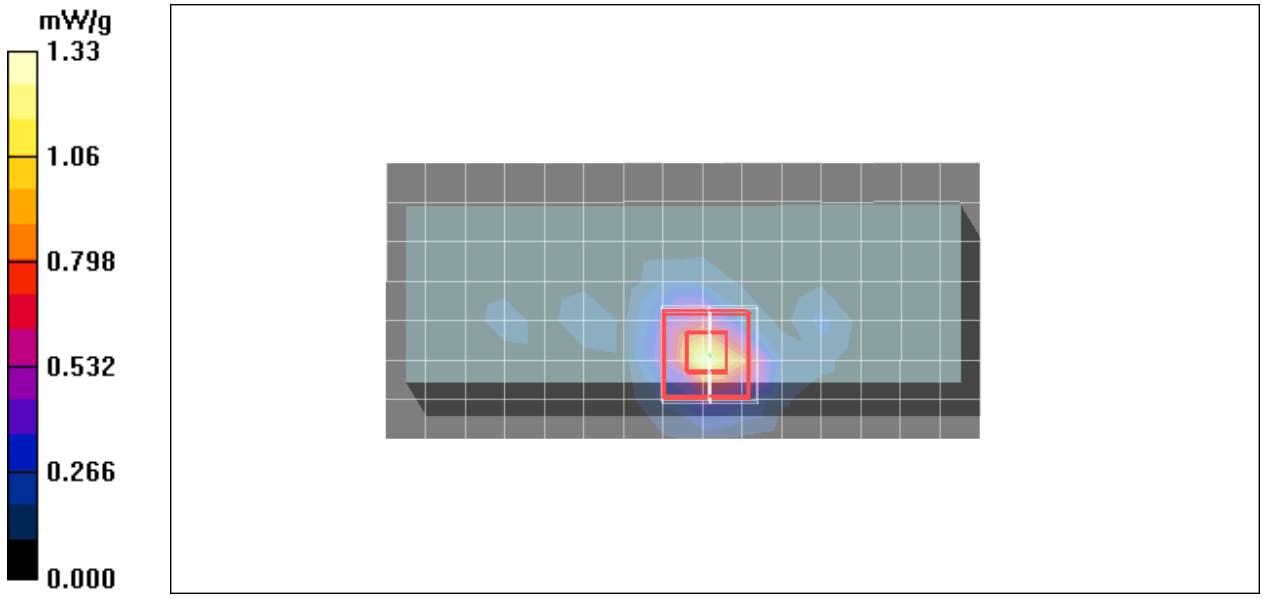
- Probe: EX3DV4 - SN3554; ConvF(3.99, 3.99, 3.99);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## UNII CH5300 Rate=6M/Area Scan (8x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.25 mW/g

## UNII CH5300 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.78 V/m; Power Drift = -0.128 dB
Peak SAR (extrapolated) = 2.76 W/kg
**SAR(1 g) = 0.758 mW/g; SAR(10 g) = 0.229 mW/g**
Maximum value of SAR (measured) = 1.33 mW/g


mW/g
1.33
1.06
0.798
0.532
0.266
0.000

Date/Time: 05/16/2009 03:18:14 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211a DTS Right edge I7300

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5500 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; $\sigma$ = 5.77 mho/m; $\varepsilon_r$ = 47.8; $\rho$ = 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:

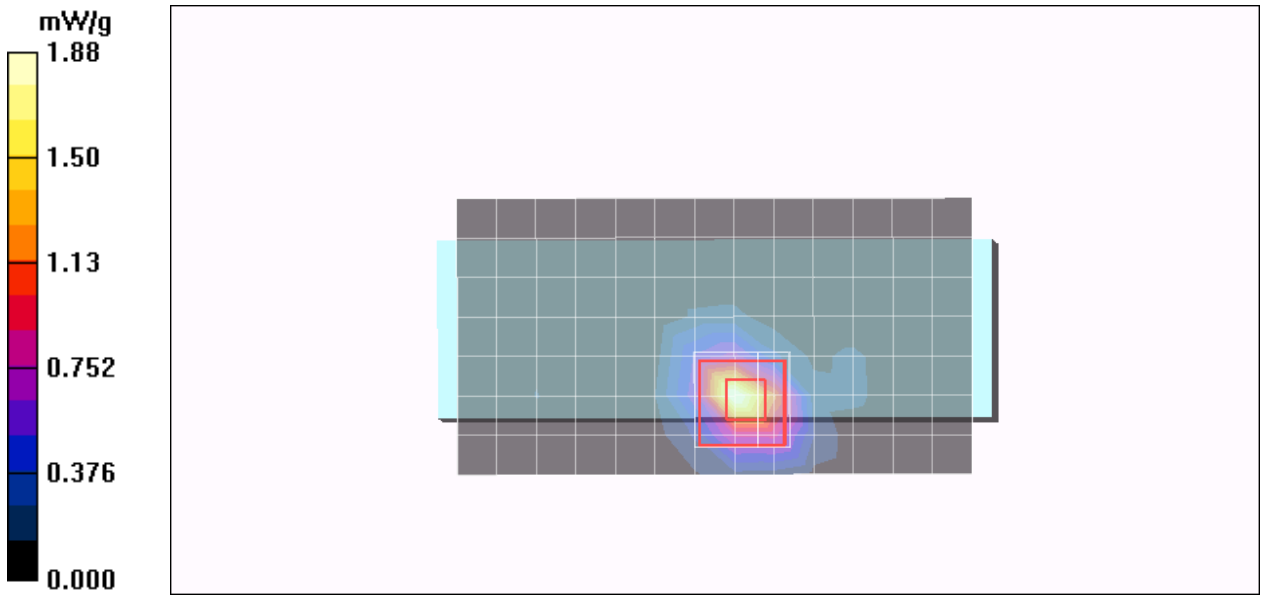
- Probe: EX3DV4 - SN3554; ConvF(3.57, 3.57, 3.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## DTS CH5500 Rate=6M/Area Scan (8x14x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.99 mW/g

## DTS CH5500 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 7.92 V/m; Power Drift = -0.137 dB
Peak SAR (extrapolated) = 4.28 W/kg
**SAR(1 g) = 1.100 mW/g; SAR(10 g) = 0.323 mW/g**
Maximum value of SAR (measured) = 1.88 mW/g


mW/g
1.88
1.50
1.13
0.752
0.376
0.000

Date/Time: 05/16/2009 04:07:12 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211a DTS Right edge I7300

## DUT: I7300; Type: I7300; Serial: N/A

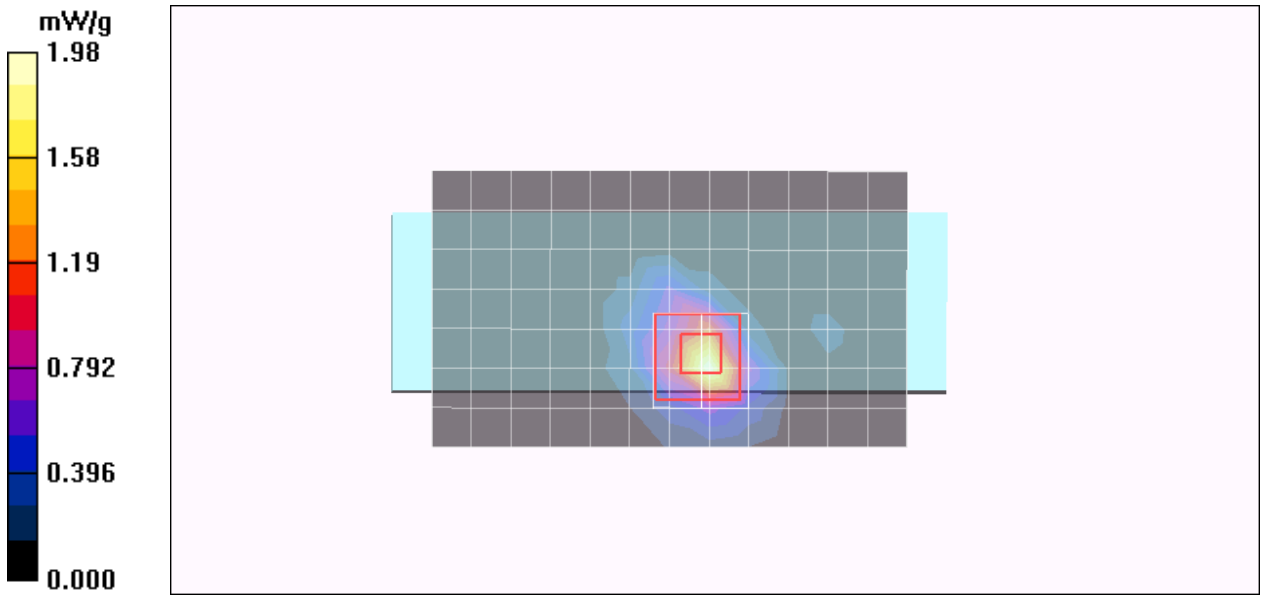
Communication System: IEEE 802.11 A; Frequency: 5620 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5620 MHz; $\sigma$ = 5.95 mho/m; $\varepsilon_r$ = 47.6; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.83, 3.83, 3.83);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## DTS CH5620 Rate=6M /Area Scan (8x13x1): Measurement grid:
dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.00 mW/g

## DTS CH5620 Rate=6M /Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 10.1 V/m; Power Drift = -0.102 dB
Peak SAR (extrapolated) = 4.80 W/kg
**SAR(1 g) = 1.100 mW/g; SAR(10 g) = 0.330 mW/g**
Maximum value of SAR (measured) = 1.98 mW/g


mW/g
1.98
1.58
1.19
0.792
0.396
0.000

Date/Time: 05/16/2009 04:45:45 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211a DTS Right edge I7300

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5700 MHz; $\sigma$ = 6.07 mho/m; $\varepsilon_r$ = 47.4; $\rho$ = 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:

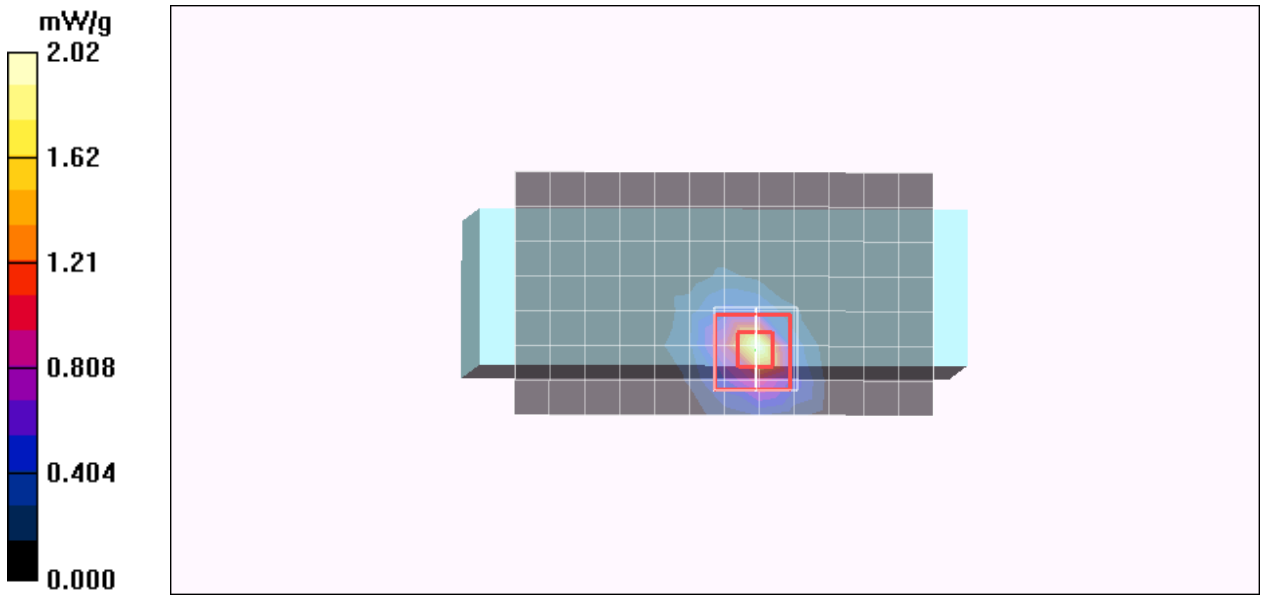
- Probe: EX3DV4 - SN3554; ConvF(3.83, 3.83, 3.83);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## DTS CH5700 Rate=6M/Area Scan (8x13x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.06 mW/g

## DTS CH5700 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.08 V/m; Power Drift = -0.059 dB
Peak SAR (extrapolated) = 4.72 W/kg
**SAR(1 g) = 1.060 mW/g; SAR(10 g) = 0.309 mW/g**
Maximum value of SAR (measured) = 2.02 mW/g


mW/g
2.02
1.62
1.21
0.808
0.404
0.000

Date/Time: 05/16/2009 05:24:57 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211a DTS Right edge I7300

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5745 MHz; $\sigma$ = 6.13 mho/m; $\varepsilon_r$ = 47.3; $\rho$ = 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:

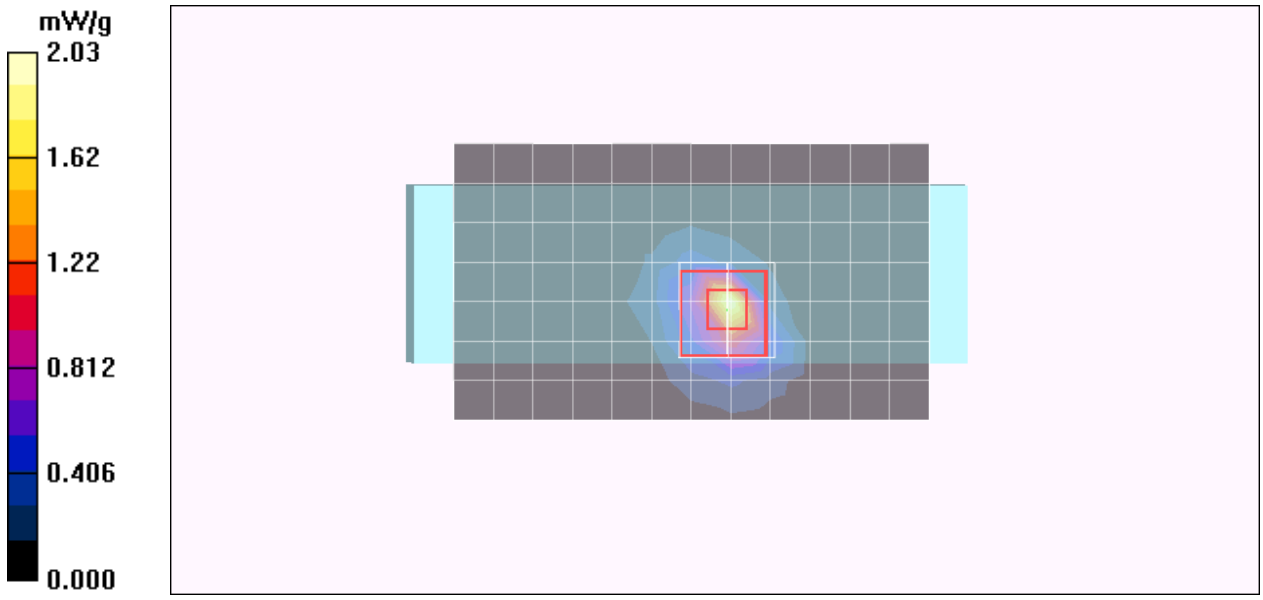
- Probe: EX3DV4 - SN3554; ConvF(3.77, 3.77, 3.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## DTS CH5745 Rate=6M/Area Scan (8x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.94 mW/g

## DTS CH5745 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.31 V/m; Power Drift = -0.056 dB
Peak SAR (extrapolated) = 4.75 W/kg
**SAR(1 g) = 1.020 mW/g; SAR(10 g) = 0.291 mW/g**
Maximum value of SAR (measured) = 2.03 mW/g


mW/g
2.03
1.62
1.22
0.812
0.406
0.000

Date/Time: 05/16/2009 06:06:34 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211a DTS Right edge I7300

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5785 MHz; $\sigma$ = 6.17 mho/m; $\varepsilon_r$ = 47.2; $\rho$ = 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:

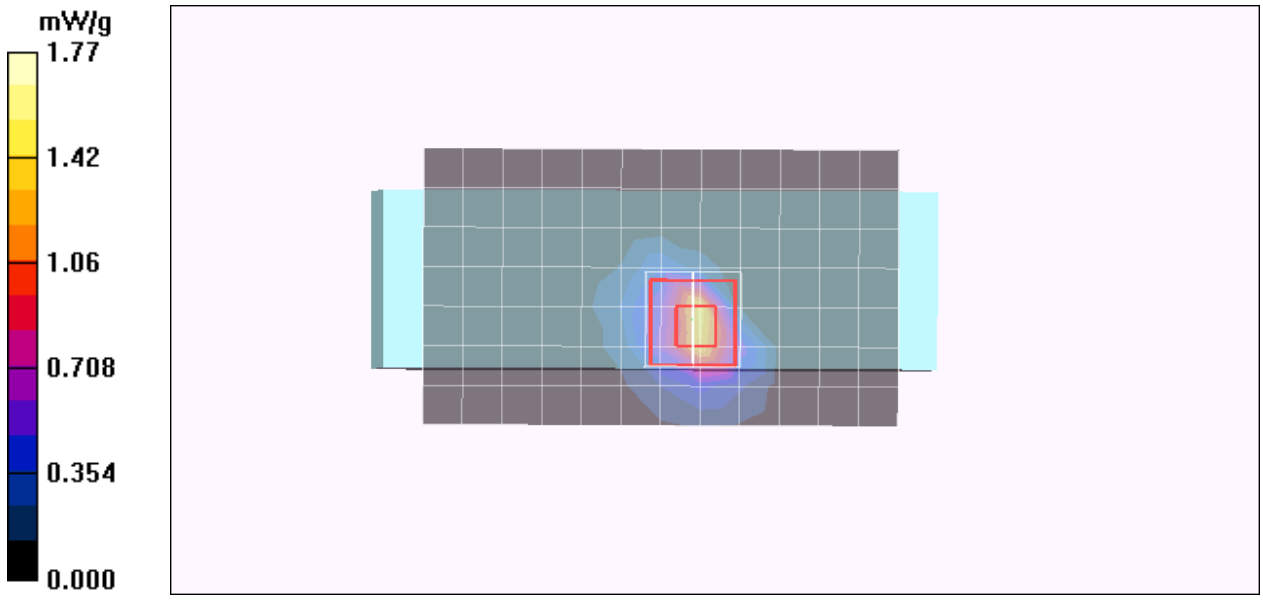
- Probe: EX3DV4 - SN3554; ConvF(3.77, 3.77, 3.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## DTS CH5785 Rate=6M 14.5/Area Scan (8x13x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.38 mW/g

## DTS CH5785 Rate=6M 14.5/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.13 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 4.22 W/kg
**SAR(1 g) = 0.979 mW/g; SAR(10 g) = 0.265 mW/g**
Maximum value of SAR (measured) = 1.77 mW/g


mW/g
1.77
1.42
1.06
0.708
0.354
0.000

Date/Time: 05/18/2009 12:43:08 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211a DTS Right edge I7300 HT20

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5745 MHz; $\sigma$ = 6.15 mho/m; $\varepsilon_r$ = 47.1; $\rho$ = 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:

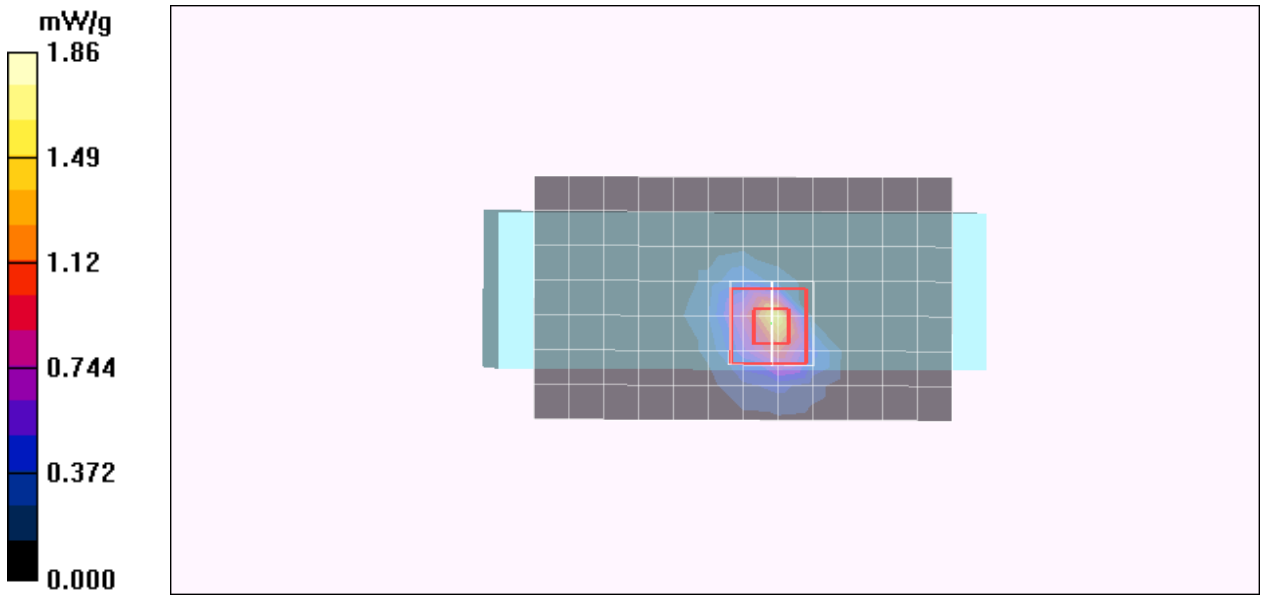
- Probe: EX3DV4 - SN3554; ConvF(3.77, 3.77, 3.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## DTS CH5745 Rate=6.5M/Area Scan (8x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.53 mW/g

## DTS CH5745 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.68 V/m; Power Drift = -0.063 dB
Peak SAR (extrapolated) = 4.62 W/kg
**SAR(1 g) = 0.988 mW/g; SAR(10 g) = 0.276 mW/g**
Maximum value of SAR (measured) = 1.86 mW/g


mW/g
1.86
1.49
1.12
0.744
0.372
0.000

Date/Time: 05/18/2009 10:23:44 AM

Test Laboratory: Compliance Certification Services Inc.

# 80211a UNII Tip edge I7300 HT20

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A HT20; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; $\sigma$ = 6.15 mho/m; $\varepsilon_r$ = 47.1; $\rho$ = 1000 kg/$m^3$
Phantom section: Flat Section
Air Temperature:24.5 deg C;Liquid Temperature:23.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

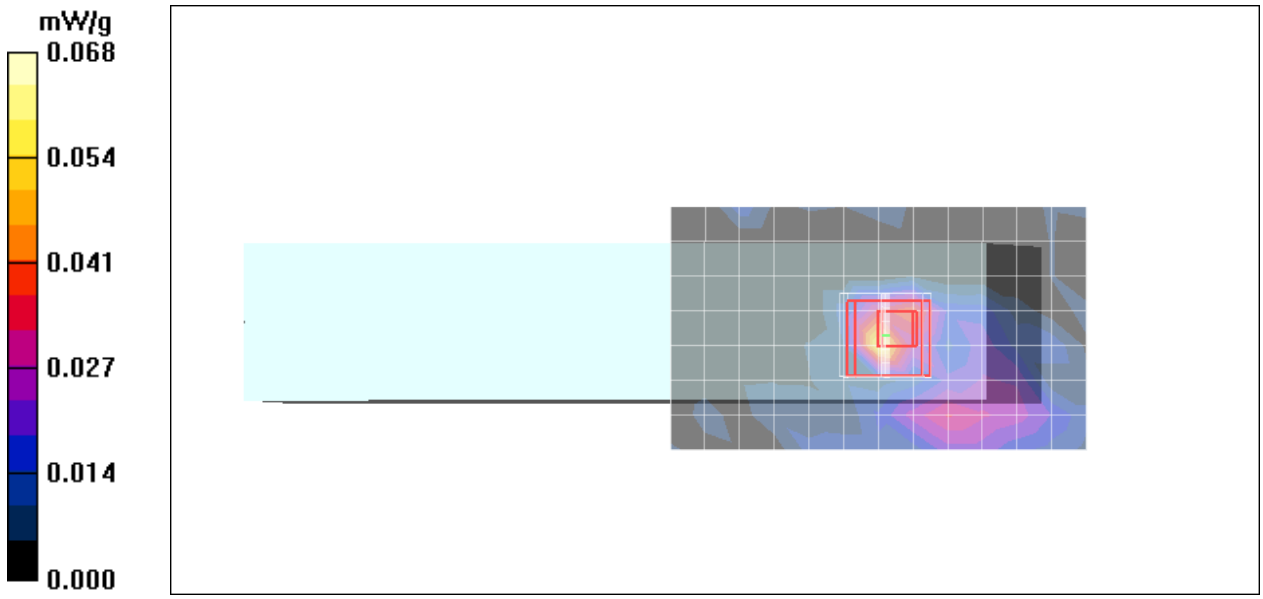
- Probe: EX3DV4 - SN3554; ConvF(3.77, 3.77, 3.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

# DTS CH5745 Rate=6.5M/Area Scan (8x13x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.057 mW/g

# DTS CH5745 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.49 V/m; Power Drift = -0.034 dB
Peak SAR (extrapolated) = 0.167 W/kg
**SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.00917 mW/g**
Maximum value of SAR (measured) = 0.068 mW/g


mW/g
0.068
0.054
0.041
0.027
0.014
0.000

Date/Time: 05/18/2009 11:52:16 AM

Test Laboratory: Compliance Certification Services Inc.

# 80211a UNII Bottom Flat I7300 HT20

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A HT40; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; $\sigma$ = 6.15 mho/m; $\varepsilon_r$ = 47.1; $\rho$ = 1000 kg/$m^3$
Phantom section: Flat Section
Air Temperature:24.5 deg C;Liquid Temperature:23.5 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(3.77, 3.77, 3.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

# DTS CH5745 Rate=6.5M/Area Scan 5 (11x11x1): Measurement grid:

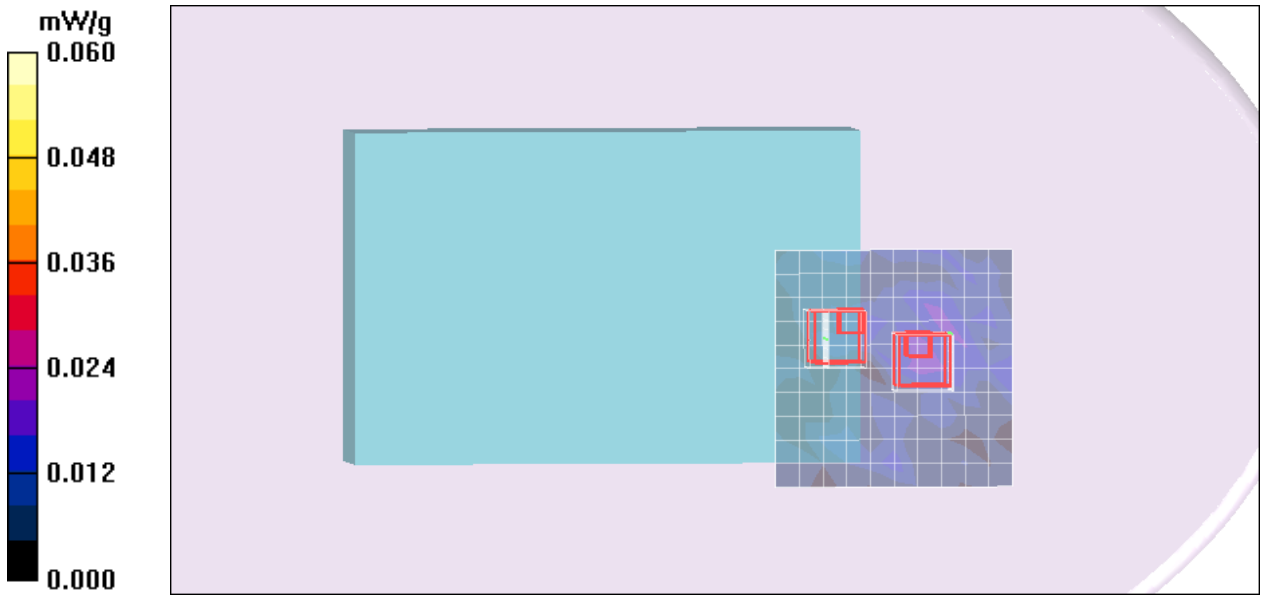
dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.020 mW/g

# DTS CH5745 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = -0.136 dB
Peak SAR (extrapolated) = 0.156 W/kg
**SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00229 mW/g**
Maximum value of SAR (measured) = 0.016 mW/g

# DTS CH5745 Rate=6.5M/Zoom Scan (7x7x9)/Cube 1: Measurement

grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 999.0 dB
Peak SAR (extrapolated) = 0.107 W/kg
**SAR(1 g) = 0.00481 mW/g; SAR(10 g) = 0.000953 mW/g**
Maximum value of SAR (measured) = 0.016 mW/g


mW/g
0.060
0.048
0.036
0.024
0.012
0.000

Date/Time: 05/18/2009 10:57:10 AM

Test Laboratory: Compliance Certification Services Inc.

# 80211a UNII Down edge I7300

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A HT20; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; $\sigma$ = 6.15 mho/m; $\varepsilon_r$ = 47.1; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Air Temperature:24.5 deg C;Liquid Temperature:23.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

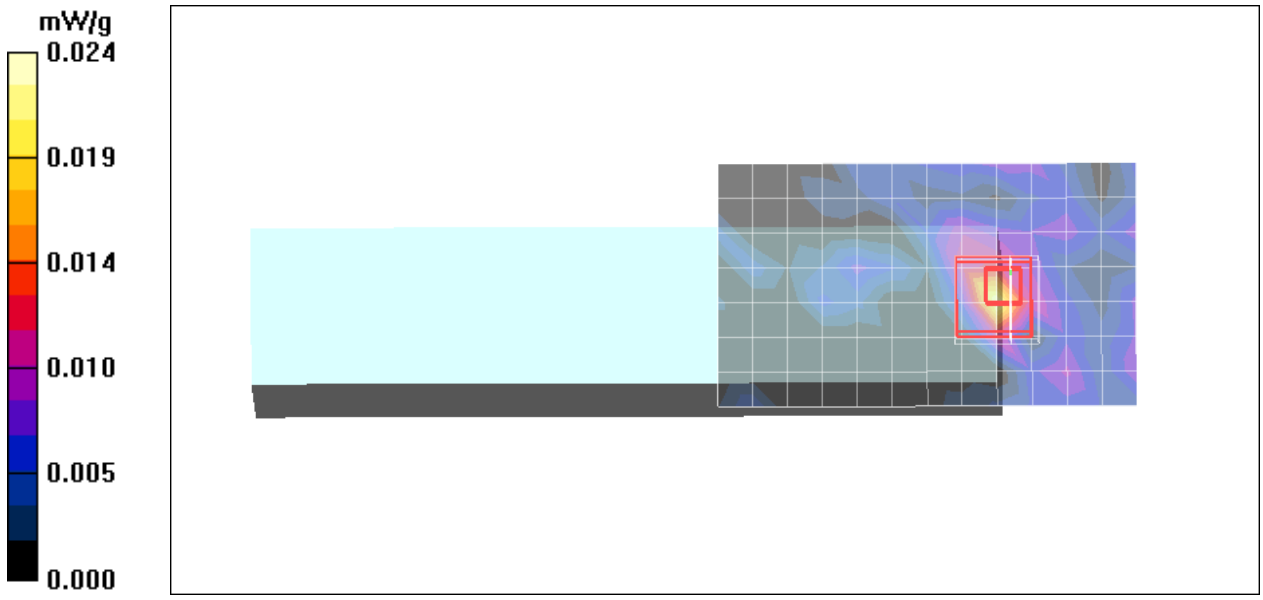
- Probe: EX3DV4 - SN3554; ConvF(3.77, 3.77, 3.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

# DTS CH5745 Rate=6.5M/Area Scan (8x13x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.023 mW/g

# DTS CH5745 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.07 V/m; Power Drift = -0.159 dB
Peak SAR (extrapolated) = 0.037 W/kg
**SAR(1 g) = 0.00336 mW/g; SAR(10 g) = 0.000335 mW/g**
Maximum value of SAR (measured) = 0.019 mW/g


mW/g
0.024
0.019
0.014
0.010
0.005
0.000

Date/Time: 05/18/2009 02:07:15 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211a UNII Right edge I7300 HT20

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11A HT20; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; $\sigma$ = 5.35 mho/m; $\varepsilon_r$ = 48.2; $\rho$ = 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:

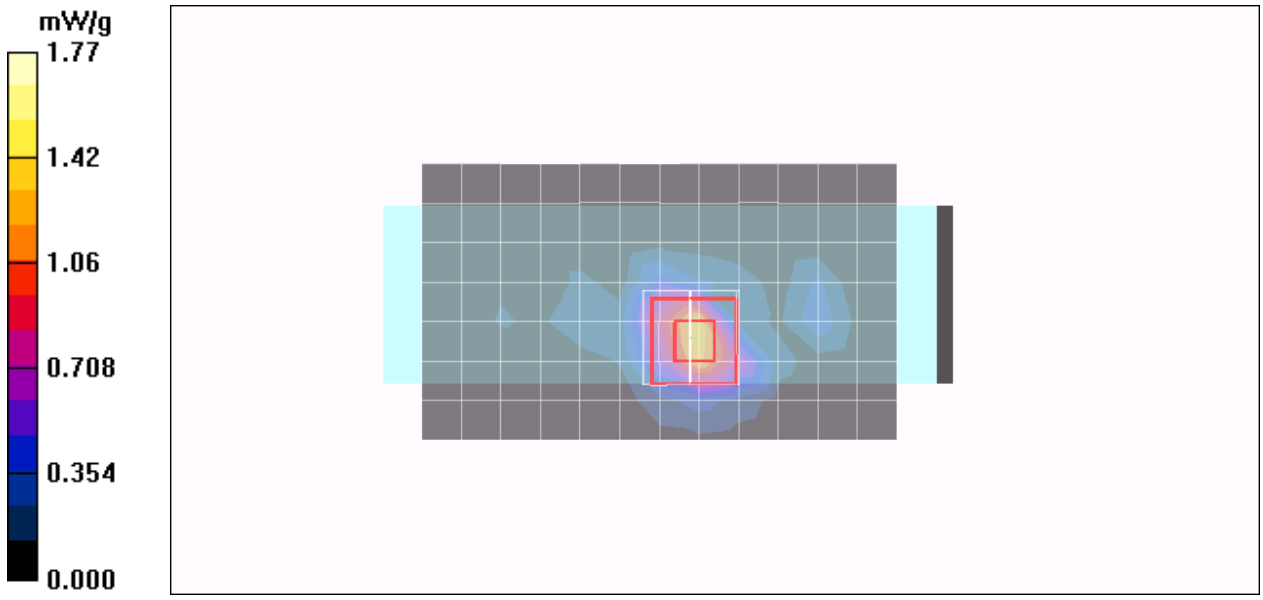
- Probe: EX3DV4 - SN3554; ConvF(3.99, 3.99, 3.99);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## UNII CH5200 Rate=6.5M/Area Scan (8x13x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.28 mW/g

## UNII CH5200 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 10.4 V/m; Power Drift = -0.002 dB
Peak SAR (extrapolated) = 3.42 W/kg
**SAR(1 g) = 0.982 mW/g; SAR(10 g) = 0.301 mW/g**
Maximum value of SAR (measured) = 1.77 mW/g


mW/g
1.77
1.42
1.06
0.708
0.354
0.000

Date/Time: 05/18/2009 03:05:22 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211a UNII Right edge I7300 HT20

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11A HT20; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5220 MHz; $\sigma$ = 5.38 mho/m; $\varepsilon_r$ = 48.2; $\rho$ = 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:

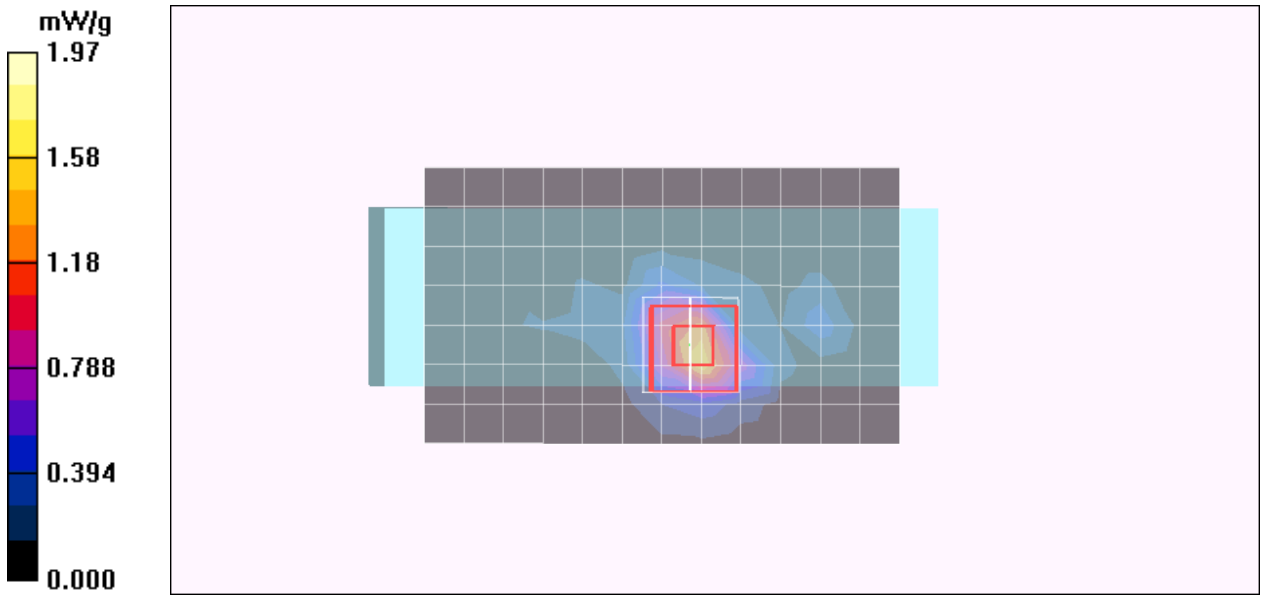
- Probe: EX3DV4 - SN3554; ConvF(3.99, 3.99, 3.99);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## UNII CH5220 Rate=6.5M/Area Scan (8x13x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.45 mW/g

## UNII CH5220 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 10.5 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 3.87 W/kg
**SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.331 mW/g**
Maximum value of SAR (measured) = 1.97 mW/g


mW/g
1.97
1.58
1.18
0.788
0.394
0.000

Date/Time: 05/18/2009 03:52:17 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211a UNII Right edge I7300 HT20

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11A HT20; Frequency: 5280 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5280 MHz; $\sigma$ = 5.47 mho/m; $\varepsilon_r$ = 48.1; $\rho$ = 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:

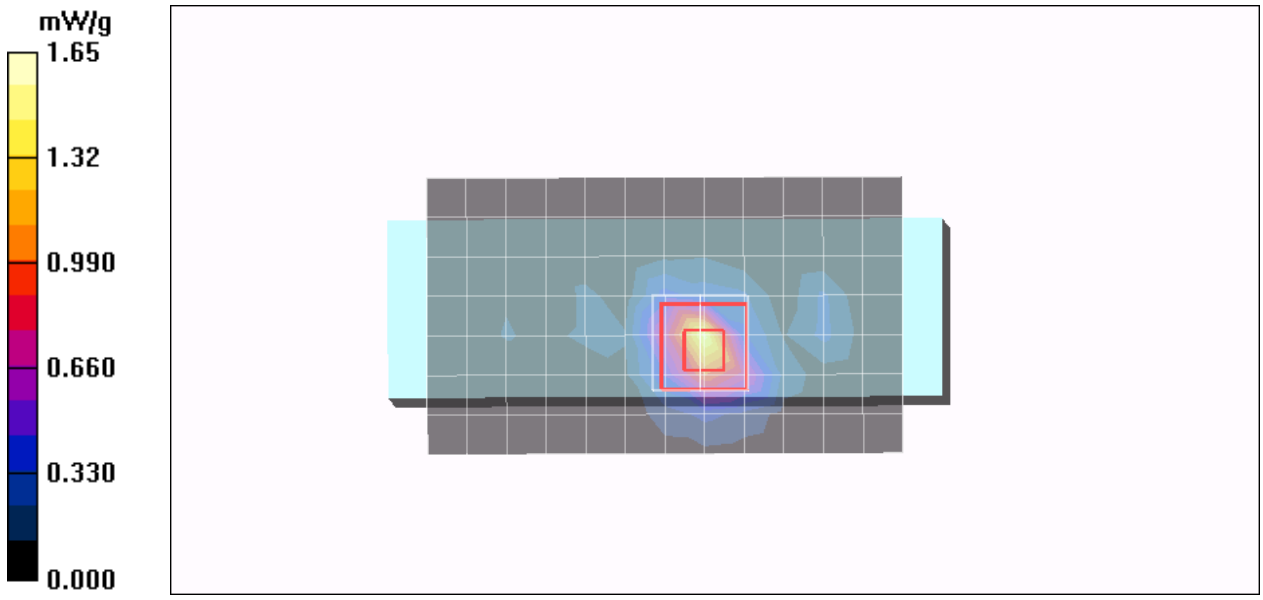
- Probe: EX3DV4 - SN3554; ConvF(3.72, 3.72, 3.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## UNII CH5280 Rate=6.5M/Area Scan (8x13x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.48 mW/g

## UNII CH5280 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 9.55 V/m; Power Drift = -0.048 dB
Peak SAR (extrapolated) = 3.55 W/kg
**SAR(1 g) = 0.920 mW/g; SAR(10 g) = 0.280 mW/g**
Maximum value of SAR (measured) = 1.65 mW/g


mW/g
1.65
1.32
0.990
0.660
0.330
0.000

Date/Time: 05/18/2009 05:00:16 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211a UNII Right edge I7300 HT20

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11A HT20; Frequency: 5300 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; $\sigma$ = 5.5 mho/m; $\varepsilon_r$ = 48.0; $\rho$ = 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:

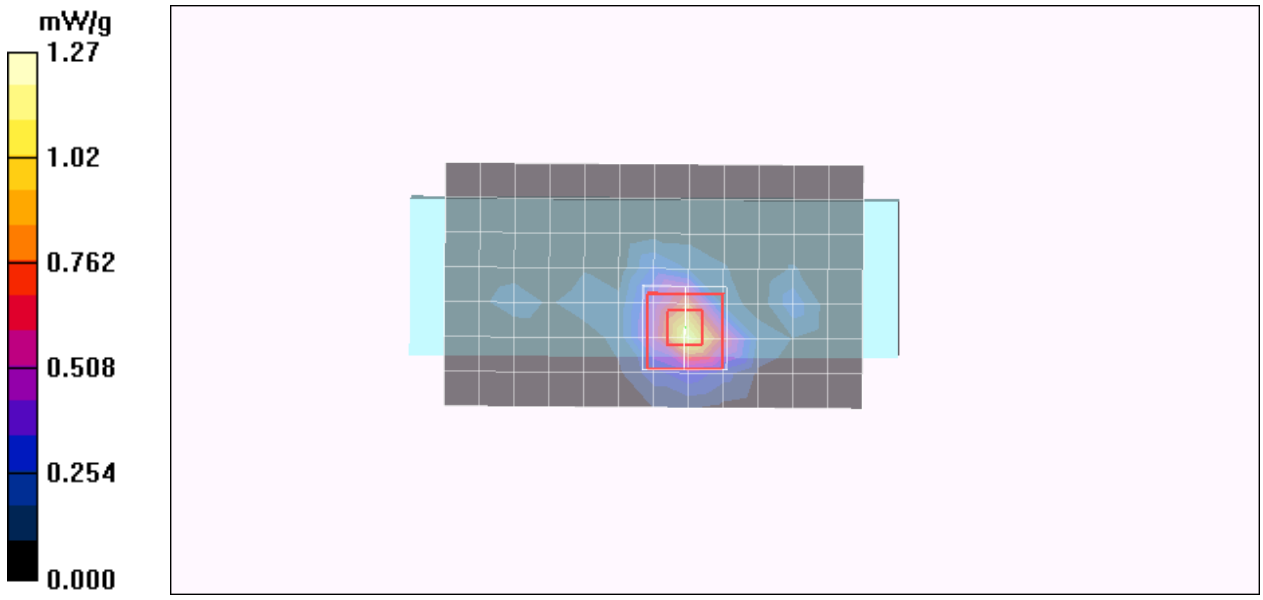
- Probe: EX3DV4 - SN3554; ConvF(3.72, 3.72, 3.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## UNII CH5300 Rate=6.5M/Area Scan (8x13x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.15 mW/g

## UNII CH5300 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.28 V/m; Power Drift = -0.043 dB
Peak SAR (extrapolated) = 2.74 W/kg
**SAR(1 g) = 0.711 mW/g; SAR(10 g) = 0.218 mW/g**
Maximum value of SAR (measured) = 1.27 mW/g


mW/g
1.27
1.02
0.762
0.508
0.254
0.000

Date/Time: 05/18/2009 05:51:15 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211a DTS Right edge I7300 HT20

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5500 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; $\sigma$ = 5.79 mho/m; $\varepsilon_r$ = 47.6; $\rho$ = 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:

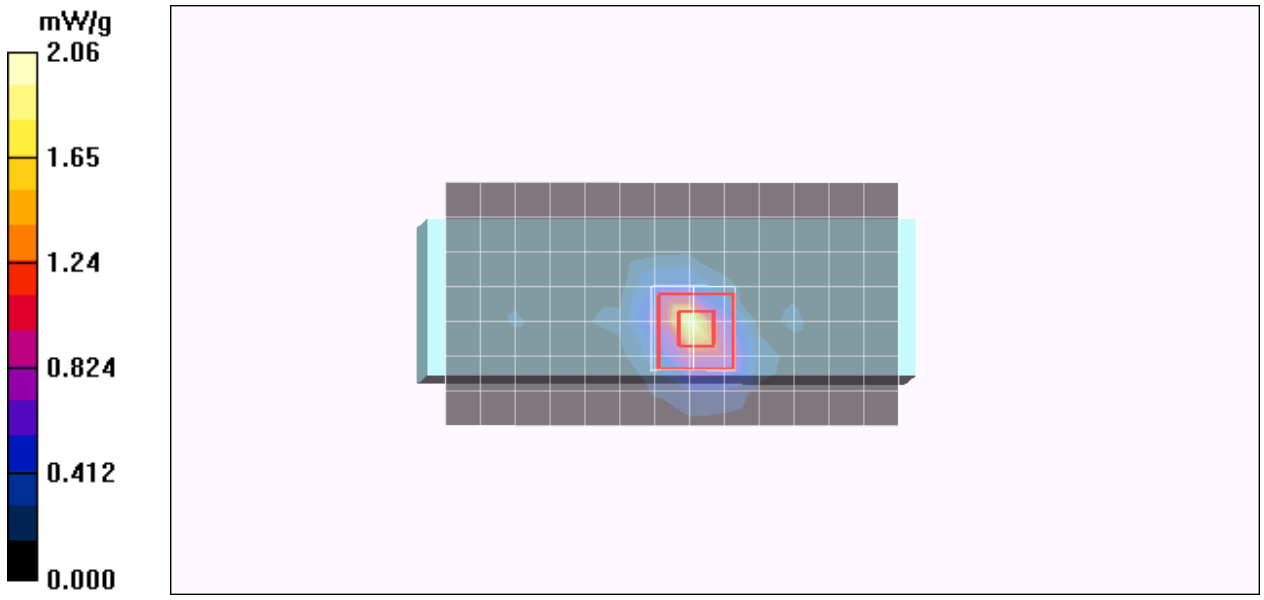
- Probe: EX3DV4 - SN3554; ConvF(3.57, 3.57, 3.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

# DTS CH5500 Rate=6.5M/Area Scan (8x14x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.96 mW/g

# DTS CH5500 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 11.4 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 4.52 W/kg
**SAR(1 g) = 1.020 mW/g; SAR(10 g) = 0.334 mW/g**
Maximum value of SAR (measured) = 2.06 mW/g


mW/g
2.06
1.65
1.24
0.824
0.412
0.000

Date/Time: 05/18/2009 06:48:23 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211a DTS Right edge I7300 HT20

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; $\sigma$ = 5.94 mho/m; $\varepsilon_r$ = 47.4; $\rho$ = 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:

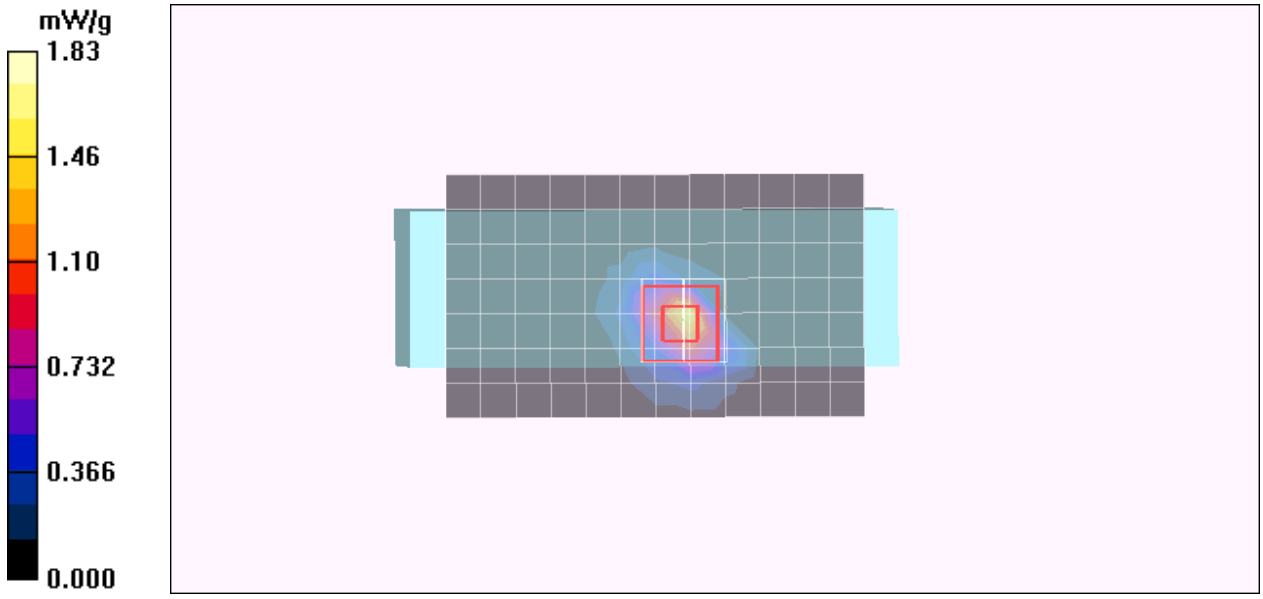
- Probe: EX3DV4 - SN3554; ConvF(3.83, 3.83, 3.83);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

# DTS CH5600 Rate=6.5M/Area Scan (8x13x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.51 mW/g

# DTS CH5600 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 10.1 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 4.20 W/kg
**SAR(1 g) = 0.982 mW/g; SAR(10 g) = 0.290 mW/g**
Maximum value of SAR (measured) = 1.83 mW/g


mW/g
1.83
1.46
1.10
0.732
0.366
0.000

Date/Time: 05/18/2009 07:38:39 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211a DTS Right edge I7300 HT20

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5620 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5620 MHz; $\sigma$ = 5.97 mho/m; $\varepsilon_r$ = 47.4; $\rho$ = 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:

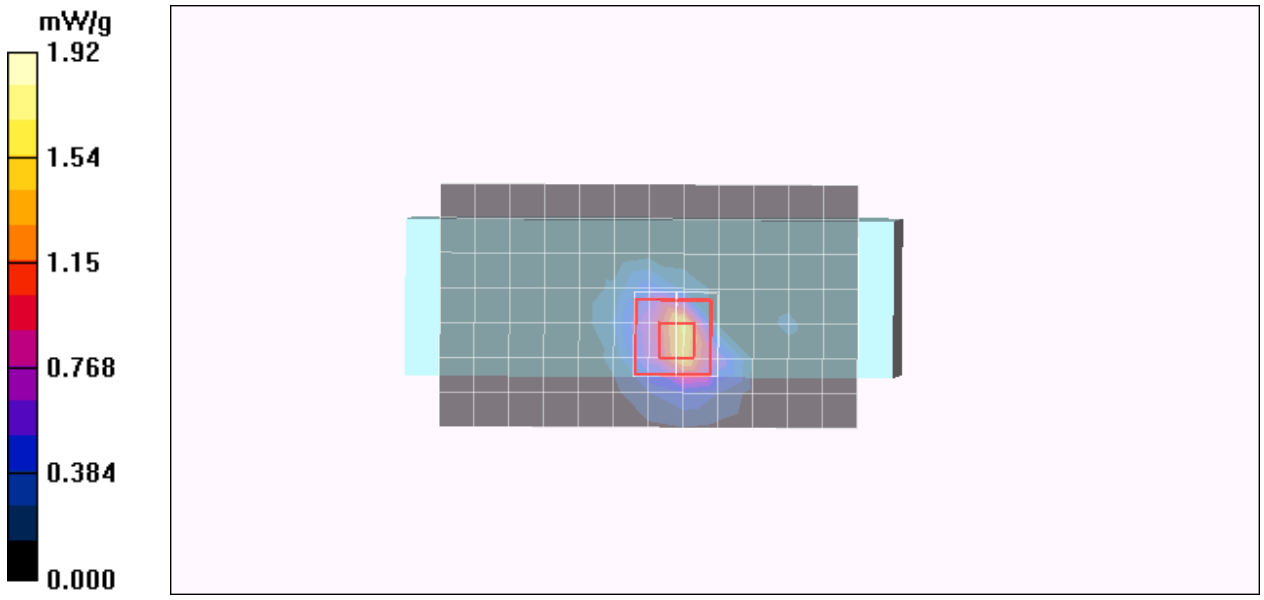
- Probe: EX3DV4 - SN3554; ConvF(3.83, 3.83, 3.83);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

# DTS CH5620 Rate=6.5M/Area Scan (8x13x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.48 mW/g

# DTS CH5620 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 9.65 V/m; Power Drift = -0.066 dB
Peak SAR (extrapolated) = 4.33 W/kg
**SAR(1 g) = 1.020 mW/g; SAR(10 g) = 0.300 mW/g**
Maximum value of SAR (measured) = 1.92 mW/g


mW/g
1.92
1.54
1.15
0.768
0.384
0.000

Date/Time: 05/18/2009 08:35:15 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211a DTS Right edge I7300 HT20

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5700 MHz; $\sigma$ = 6.09 mho/m; $\varepsilon_r$ = 47.2; $\rho$ = 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:

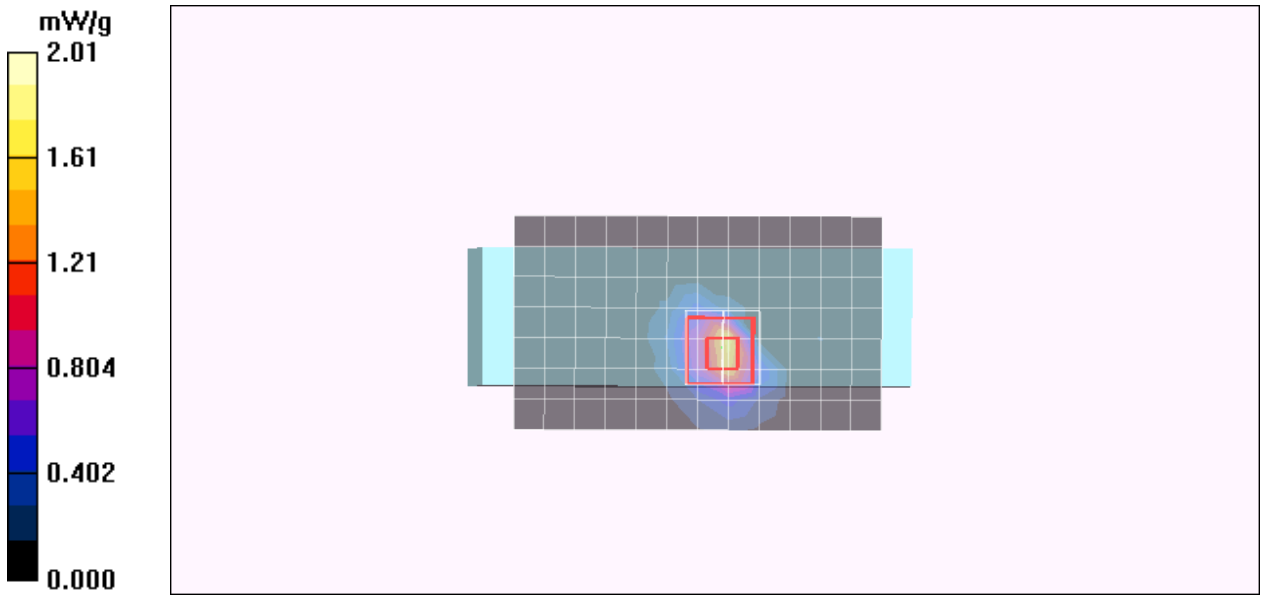
- Probe: EX3DV4 - SN3554; ConvF(3.83, 3.83, 3.83);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## DTS CH5700 Rate=6.5M/Area Scan (8x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.57 mW/g

## DTS CH5700 Rate=6.5M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.28 V/m; Power Drift = -0.087 dB
Peak SAR (extrapolated) = 4.74 W/kg
**SAR(1 g) = 1.025 mW/g; SAR(10 g) = 0.302 mW/g**
Maximum value of SAR (measured) = 2.01 mW/g


mW/g
2.01
1.61
1.21
0.804
0.402
0.000

Date/Time: 05/18/2009 09:27:53 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211a DTS Right edge I7300 HT20

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5785 MHz; $\sigma$ = 6.19 mho/m; $\varepsilon_r$ = 47.1; $\rho$ = 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:

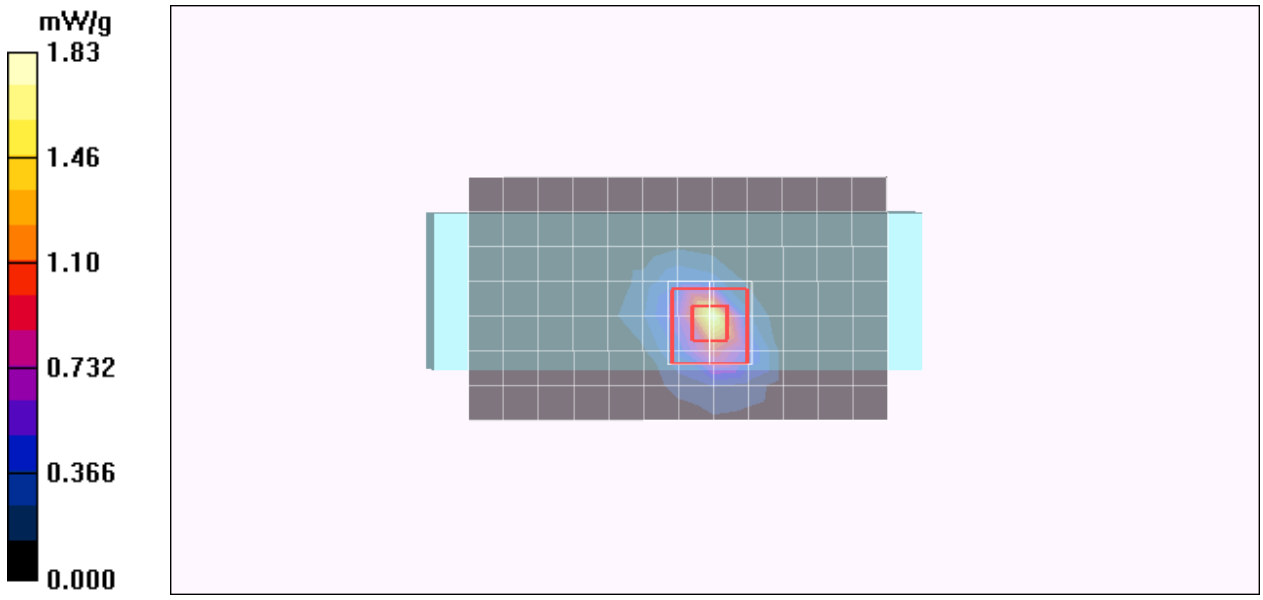
- Probe: EX3DV4 - SN3554; ConvF(3.77, 3.77, 3.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## DTS CH5785 Rate=6M/Area Scan (8x13x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.72 mW/g

## DTS CH5785 Rate=6M/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.89 V/m; Power Drift = -0.103 dB
Peak SAR (extrapolated) = 4.47 W/kg
**SAR(1 g) = 0.972 mW/g; SAR(10 g) = 0.280 mW/g**
Maximum value of SAR (measured) = 1.83 mW/g


mW/g
1.83
1.46
1.10
0.732
0.366
0.000

Date/Time: 05/16/2009 09:49:38 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211a DTS Right edge I7300 HT40

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A HT40; Frequency: 5590 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5590 MHz; $\sigma$ = 5.93 mho/m; $\varepsilon_r$ = 47.4; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Air Temperature:24.5 deg C;Liquid Temperature:23.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

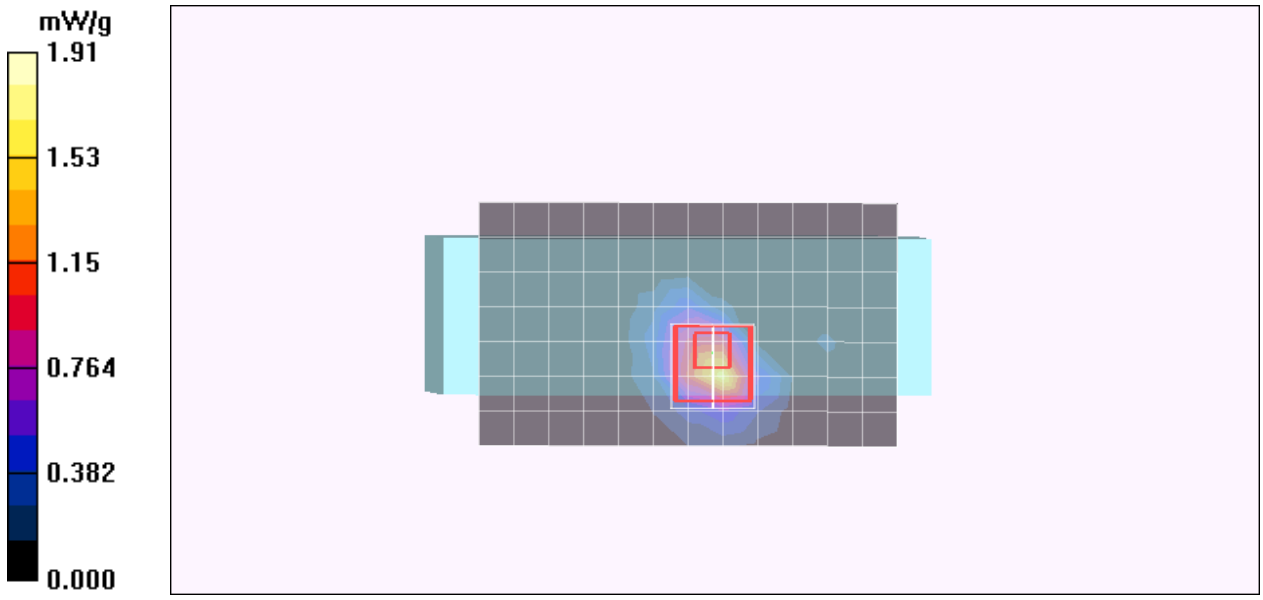
- Probe: EX3DV4 - SN3554; ConvF(3.83, 3.83, 3.83);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

# DTS CH5590 Rate=13.5M 14/Area Scan (8x13x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.62 mW/g

# DTS CH5590 Rate=13.5M 14/Zoom Scan 13.5 (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 10.6 V/m; Power Drift = -0.110 dB
Peak SAR (extrapolated) = 4.69 W/kg
**SAR(1 g) = 1.020 mW/g; SAR(10 g) = 0.298 mW/g**
Maximum value of SAR (measured) = 1.91 mW/g


mW/g
1.91
1.53
1.15
0.764
0.382
0.000

Date/Time: 05/16/2009 07:11:31 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211a UNII Tip edge I7300 HT40

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A HT40; Frequency: 5590 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5590 MHz; $\sigma$ = 5.93 mho/m; $\varepsilon_r$ = 47.4; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Air Temperature:24.5 deg C;Liquid Temperature:23.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

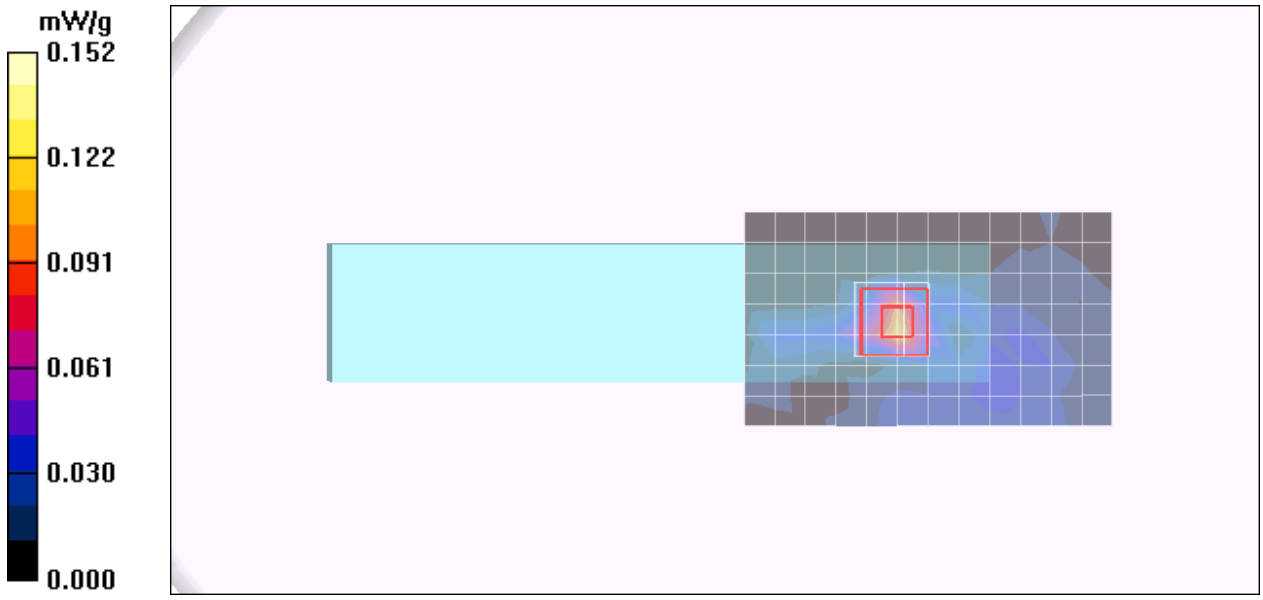
- Probe: EX3DV4 - SN3554; ConvF(3.77, 3.77, 3.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## UNII CH5590 Rate=13.5M/Area Scan (8x13x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.113 mW/g

## UNII CH5590 Rate=13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.551 V/m; Power Drift = -0.069 dB
Peak SAR (extrapolated) = 0.304 W/kg
**SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.025 mW/g**
Maximum value of SAR (measured) = 0.152 mW/g


mW/g
0.152
0.122
0.091
0.061
0.030
0.000

Date/Time: 05/16/2009 08:57:17 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211a UNII Down edge I7300 HT40

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A HT40; Frequency: 5590 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5590 MHz; $\sigma$ = 5.93 mho/m; $\varepsilon_r$ = 47.4; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Air Temperature:24.5 deg C;Liquid Temperature:23.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

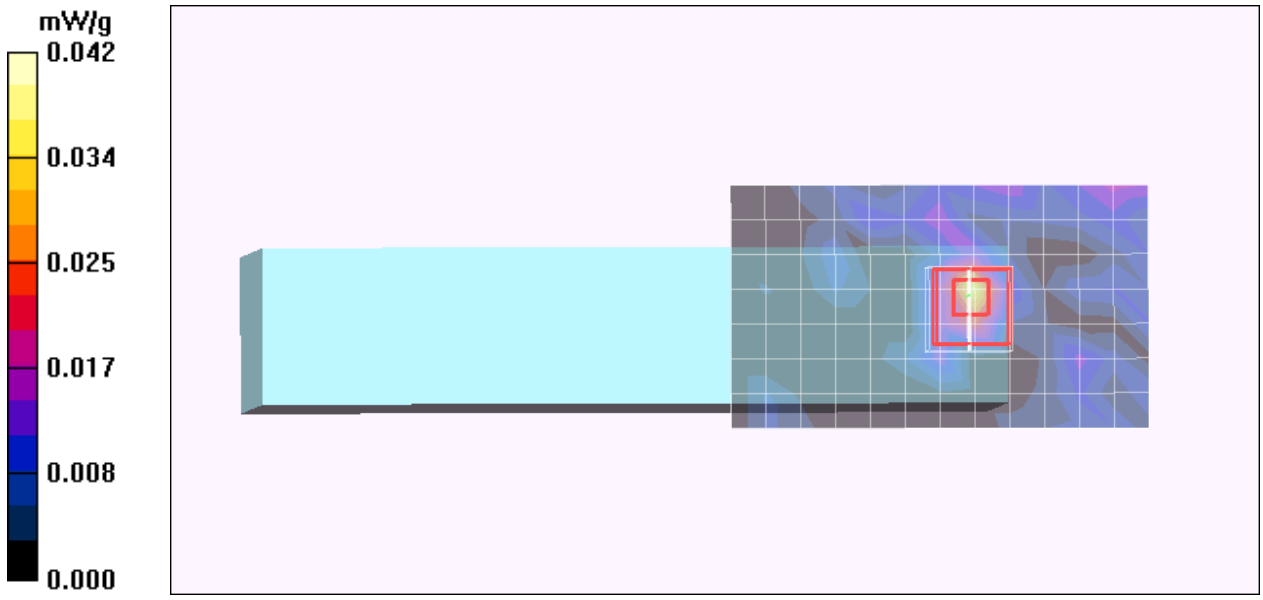
- Probe: EX3DV4 - SN3554; ConvF(3.77, 3.77, 3.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

# DTS CH5590 Rate=13.5M/Area Scan (8x13x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.036 mW/g

# DTS CH5590 Rate=13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.819 V/m; Power Drift = -0.133 dB
Peak SAR (extrapolated) = 0.188 W/kg
**SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.00636 mW/g**
Maximum value of SAR (measured) = 0.042 mW/g


mW/g
0.042
0.034
0.025
0.017
0.008
0.000

Date/Time: 05/16/2009 08:03:26 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211a DTS Bottom Flat I7300 HT40

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A HT40; Frequency: 5590 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5590 MHz; $\sigma$ =5.93 mho/m; $\varepsilon_r$ = 47.4; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Air Temperature:24.5 deg C;Liquid Temperature:23.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

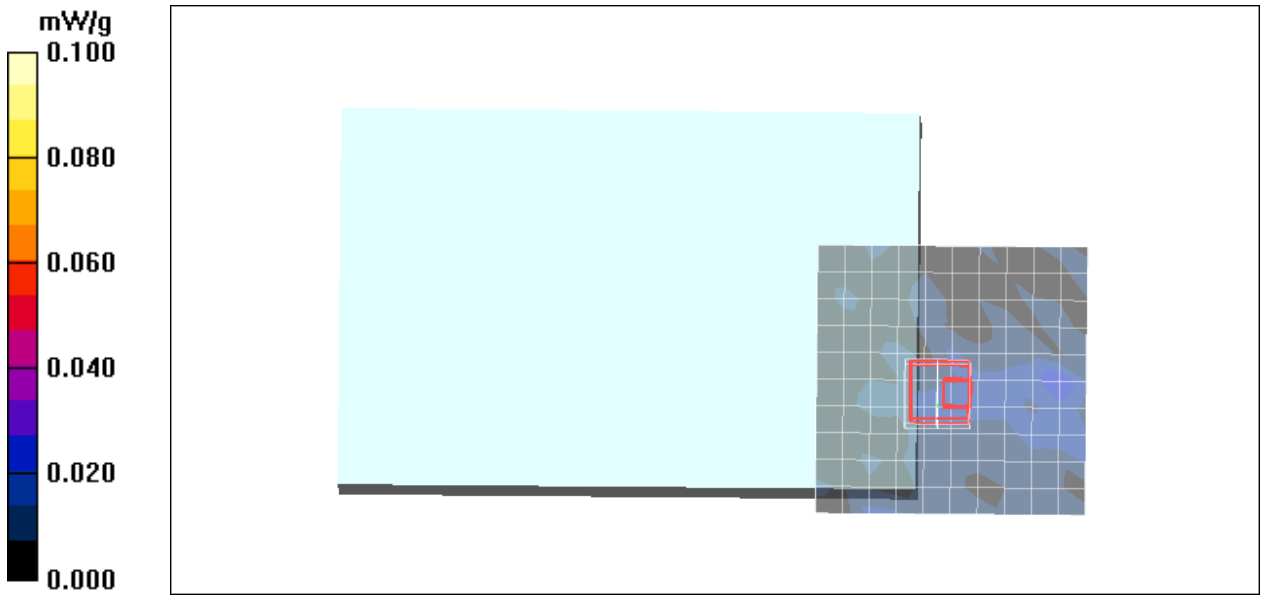
- Probe: EX3DV4 - SN3554; ConvF(3.77, 3.77, 3.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## DTS CH5590 Rate=13.5M/Area Scan (11x11x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.028 mW/g

## DTS CH5590 Rate=13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = -0.090 dB
Peak SAR (extrapolated) = 0.116 W/kg
**SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00248 mW/g**
Maximum value of SAR (measured) = 0.027 mW/g


mW/g
0.100
0.080
0.060
0.040
0.020
0.000

Date/Time: 05/16/2009 10:42:36 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211a UNII Right edge I7300 HT40

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A HT40; Frequency: 5230 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5230 MHz; $\sigma$ = 5.39 mho/m; $\varepsilon_r$ = 48.2; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Air Temperature:24.5 deg C;Liquid Temperature:23.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

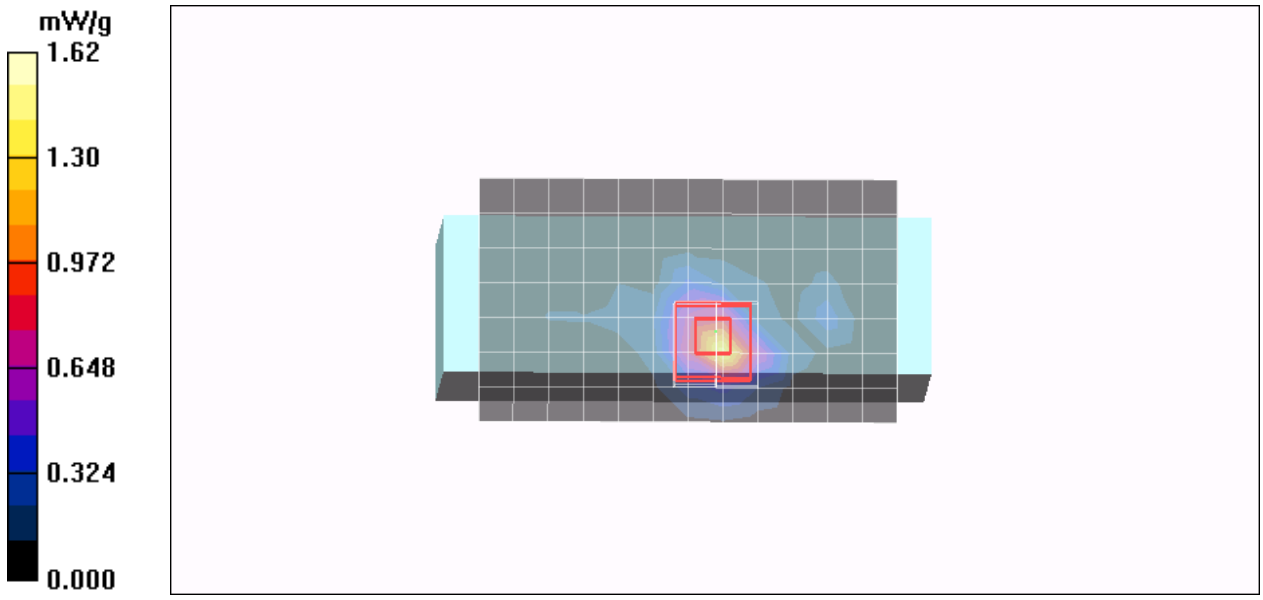
- Probe: EX3DV4 - SN3554; ConvF(3.99, 3.99, 3.99);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

# UNII CH5230 Rate=13.5M 14.5/Area Scan (8x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.40 mW/g

# UNII CH5230 Rate=13.5M 14.5/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 9.39 V/m; Power Drift = -0.005 dB
Peak SAR (extrapolated) = 3.20 W/kg
**SAR(1 g) = 0.912 mW/g; SAR(10 g) = 0.278 mW/g**
Maximum value of SAR (measured) = 1.62 mW/g


mW/g
1.62
1.30
0.972
0.648
0.324
0.000

Date/Time: 05/16/2009 11:36:57 PM

Test Laboratory: Compliance Certification Services Inc.

# 80211a UNII Right edge I7300 HT40

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A HT40; Frequency: 5270 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5270 MHz; $\sigma$ = 5.45 mho/m; $\varepsilon_r$ = 48.1; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Air Temperature:24.5 deg C;Liquid Temperature:23.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

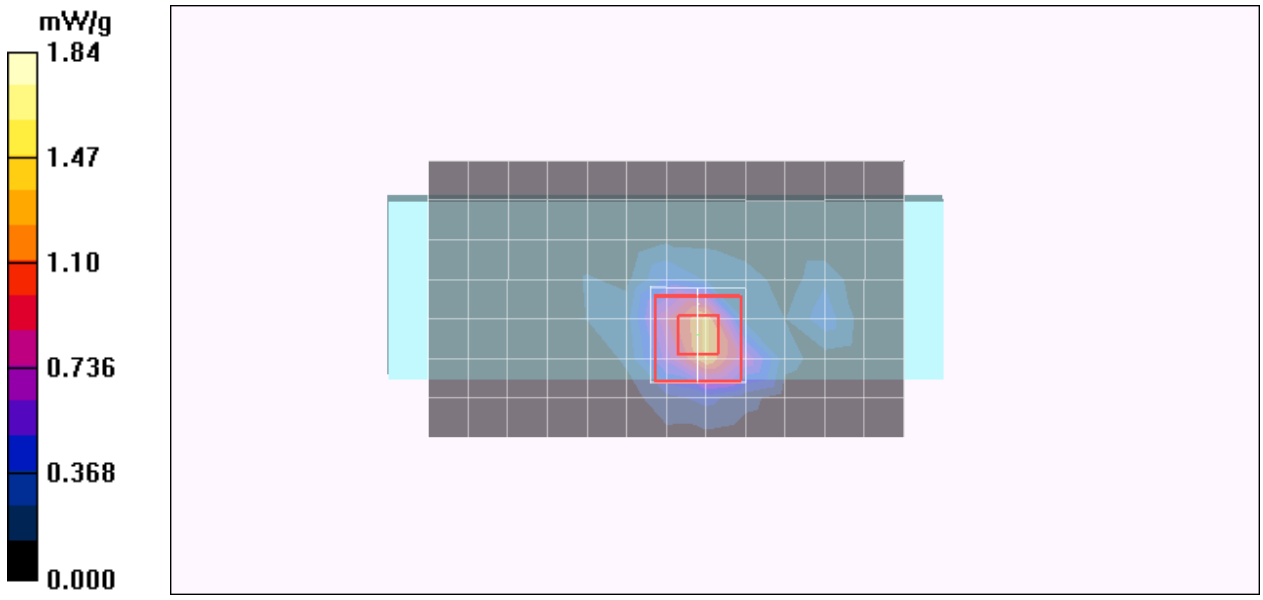
- Probe: EX3DV4 - SN3554; ConvF(3.72, 3.72, 3.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## UNII CH5270 Rate=13.5M/Area Scan (8x13x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.27 mW/g

## UNII CH5270 Rate=13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 9.37 V/m; Power Drift = -0.167 dB
Peak SAR (extrapolated) = 4.06 W/kg
**SAR(1 g) = 1.013 mW/g; SAR(10 g) = 0.313 mW/g**
Maximum value of SAR (measured) = 1.84 mW/g


mW/g
1.84
1.47
1.10
0.736
0.368
0.000

Date/Time: 05/17/2009 12:29:21 AM

Test Laboratory: Compliance Certification Services Inc.

# 80211a DTS Right edge I7300 HT40

## DUT: I7300; Type: I7300; Serial: N/A

Communication System: IEEE 802.11 A HT40; Frequency: 5755 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5755 MHz; $\sigma$ = 6.16 mho/m; $\varepsilon_r$ = 47.1; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Air Temperature:24.5 deg C;Liquid Temperature:23.5 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

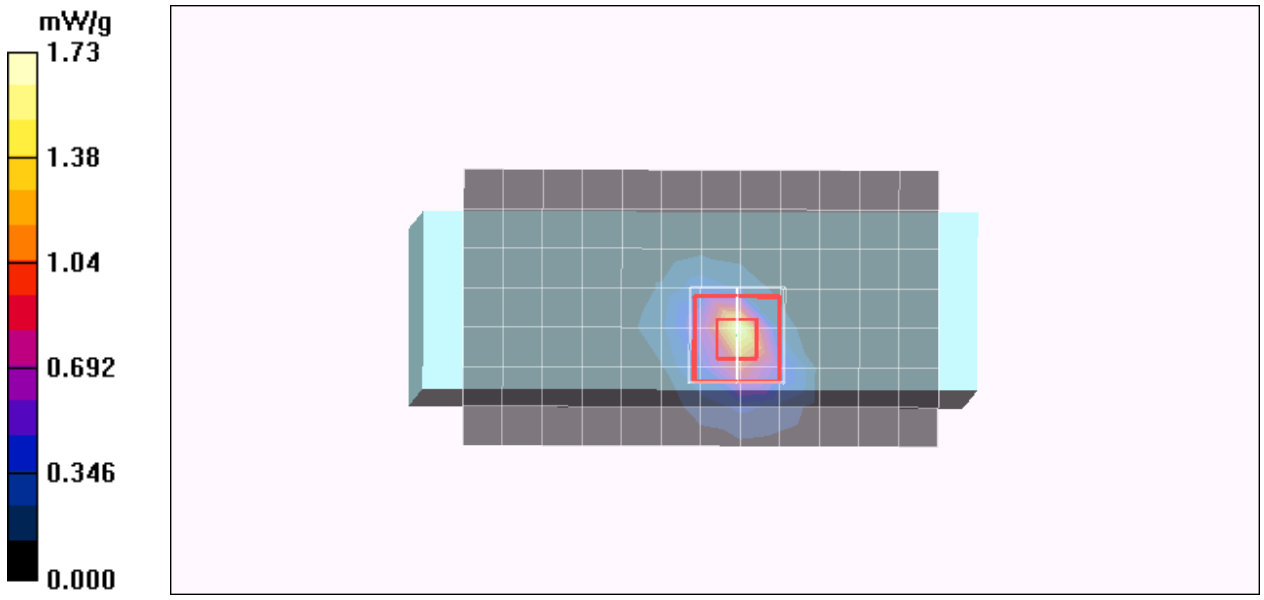
- Probe: EX3DV4 - SN3554; ConvF(3.77, 3.77, 3.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## DTS CH5755 Rate=13.5M/Area Scan (8x13x1): Measurement grid:

dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.62 mW/g

## DTS CH5755 Rate=13.5M/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.01 V/m; Power Drift = -0.065 dB
Peak SAR (extrapolated) = 3.96 W/kg
**SAR(1 g) = 0.923 mW/g; SAR(10 g) = 0.261 mW/g**
Maximum value of SAR (measured) = 1.73 mW/g


mW/g
1.73
1.38
1.04
0.692
0.346
0.000