

Test Laboratory: Compliance Certification Services Inc.

## 802.11a CH48 Rate 6M\_Rear Side\_Main Antenna

Communication System: IEEE 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.46$  mho/m;  $\epsilon_r = 48.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 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: 2012/7/19
- Phantom: Flat Phantom EL14.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Rear Side CH48/Area Scan (11x8x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.02 mW/g

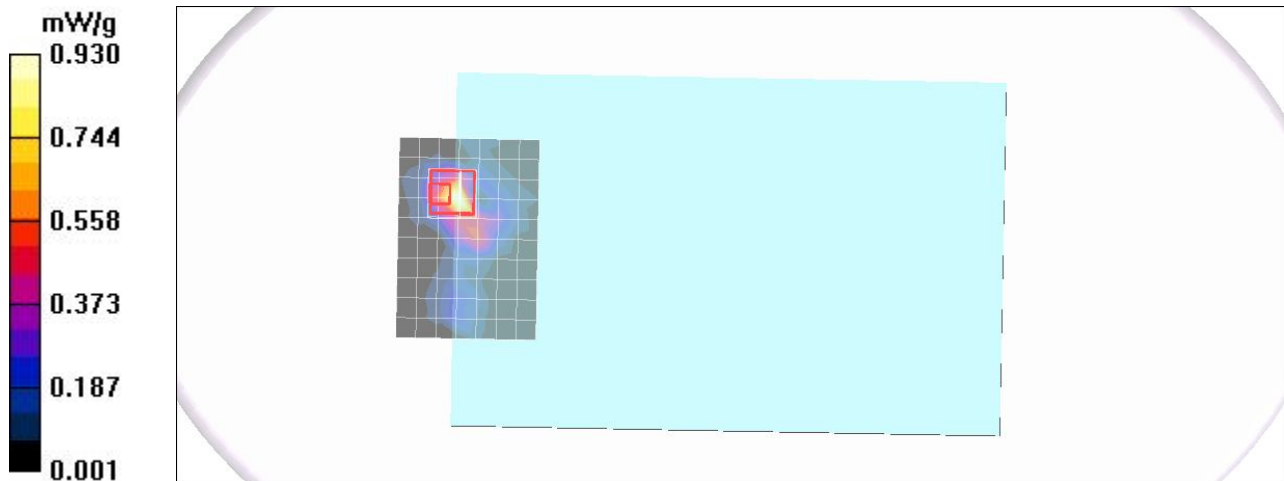
### Rear Side CH48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.140 mW/g

Maximum value of SAR (measured) = 0.930 mW/g



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### 802.11a CH52 Rate 6M\_Rear Side\_Main Antenna

Communication System: IEEE 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.49$  mho/m;  $\epsilon_r = 48.13$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

#### DASY4 Configuration:

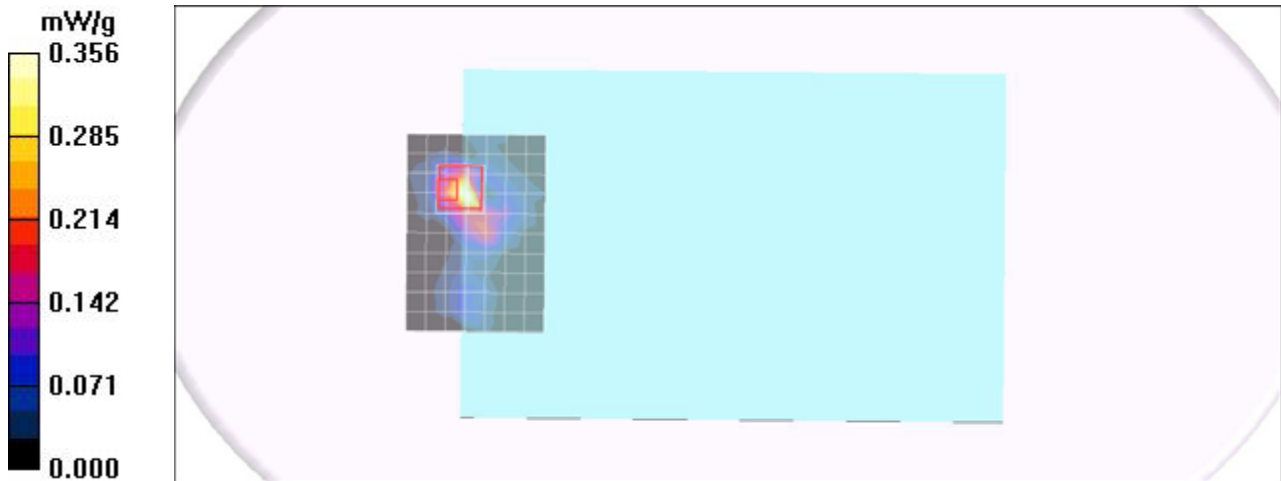
- Probe: EX3DV4 - SN3554; ConvF(3.57, 3.57, 3.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

#### Rear Side CH52/Area Scan (11x8x1):

Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.391 mW/g

#### Rear Side CH52/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 0.000 V/m; Power Drift = 0.133 dB  
Peak SAR (extrapolated) = 0.632 W/kg  
SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.054 mW/g  
Maximum value of SAR (measured) = 0.356 mW/g



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### 802.11a CH64 Rate 6M\_Rear Side\_Main Antenna

Communication System: IEEE 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.57$  mho/m;  $\epsilon_r = 48$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

#### DASY4 Configuration:

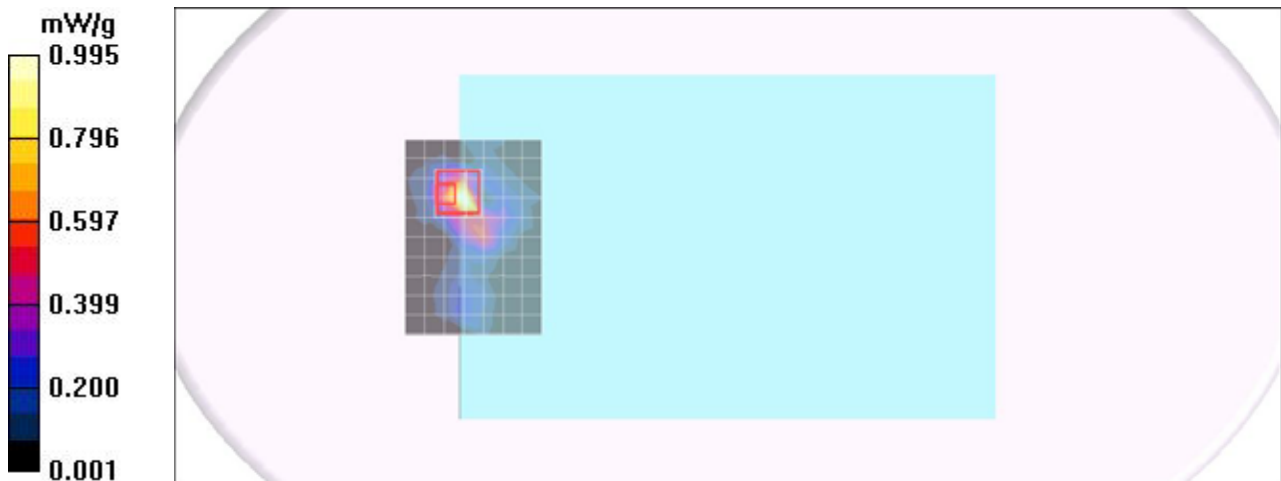
- Probe: EX3DV4 - SN3554; ConvF(3.57, 3.57, 3.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

#### Rear Side CH64/Area Scan (11x8x1):

Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 1.09 mW/g

#### Rear Side CH64/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 0.000 V/m; Power Drift = 0.065 dB  
Peak SAR (extrapolated) = 1.76 W/kg  
SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.150 mW/g  
Maximum value of SAR (measured) = 0.995 mW/g



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### 802.11a CH112 Rate 6M\_Rear Side\_Main antenna

Communication System: IEEE 802.11a; Frequency: 5560 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5560$  MHz;  $\sigma = 5.92$  mho/m;  $\epsilon_r = 47.55$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

#### DASY4 Configuration:

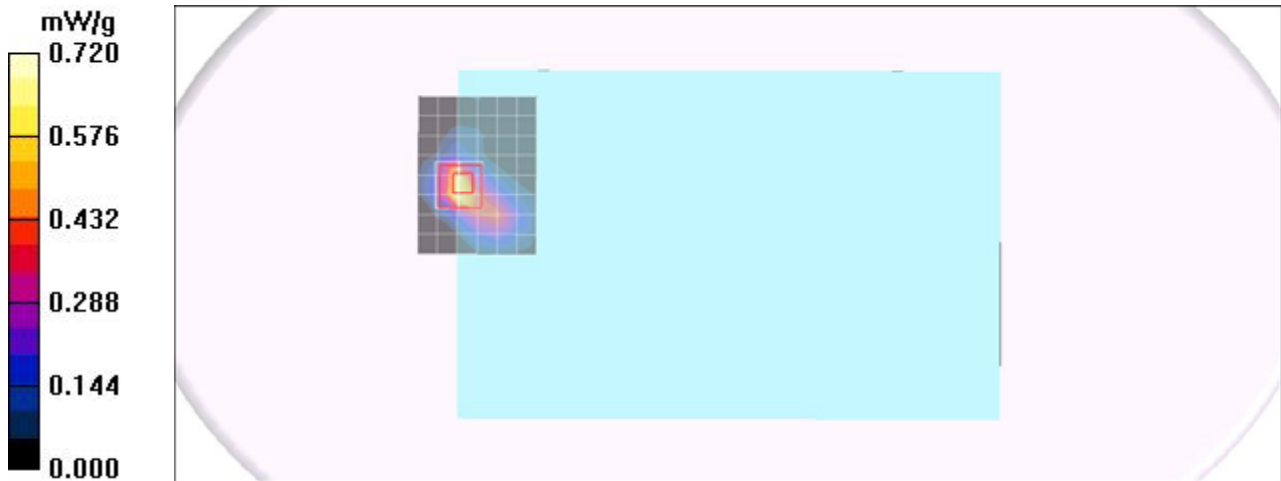
- Probe: EX3DV4 - SN3554; ConvF(3.21, 3.21, 3.21);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

#### Rear Side CH112/Area Scan (9x7x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.638 mW/g

#### Rear Side CH112/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.246 V/m; Power Drift = 0.059 dB  
Peak SAR (extrapolated) = 3.55 W/kg  
SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.118 mW/g  
Maximum value of SAR (measured) = 0.720 mW/g



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### 802.11a CH124 Rate 6M\_Rear Side\_Main antenna

Communication System: IEEE 802.11a; Frequency: 5620 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5620$  MHz;  $\sigma = 6$  mho/m;  $\epsilon_r = 47.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

#### DASY4 Configuration:

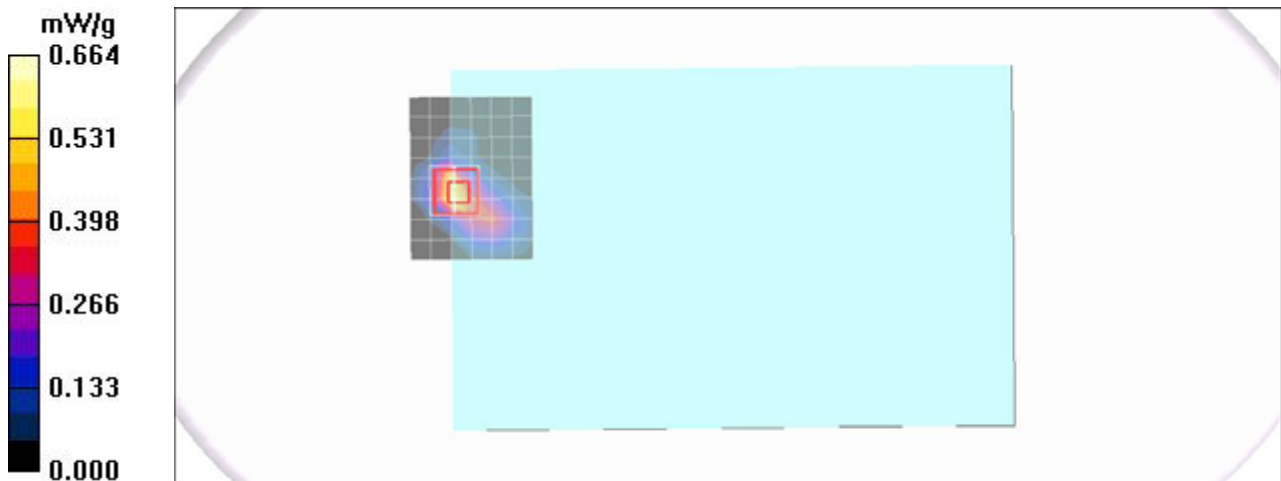
- Probe: EX3DV4 - SN3554; ConvF(3.21, 3.21, 3.21);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

#### Rear Side CH124/Area Scan (9x7x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.579 mW/g

#### Rear Side CH124/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.248 V/m; Power Drift = 9.01 dB  
Peak SAR (extrapolated) = 2.36 W/kg  
SAR(1 g) = 0.374 mW/g; SAR(10 g) = 0.119 mW/g  
Maximum value of SAR (measured) = 0.664 mW/g



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### 802.11a CH140 Rate 6M\_Rear Side\_Main antenna

Communication System: IEEE 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5700$  MHz;  $\sigma = 6.12$  mho/m;  $\epsilon_r = 47.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

#### DASY4 Configuration:

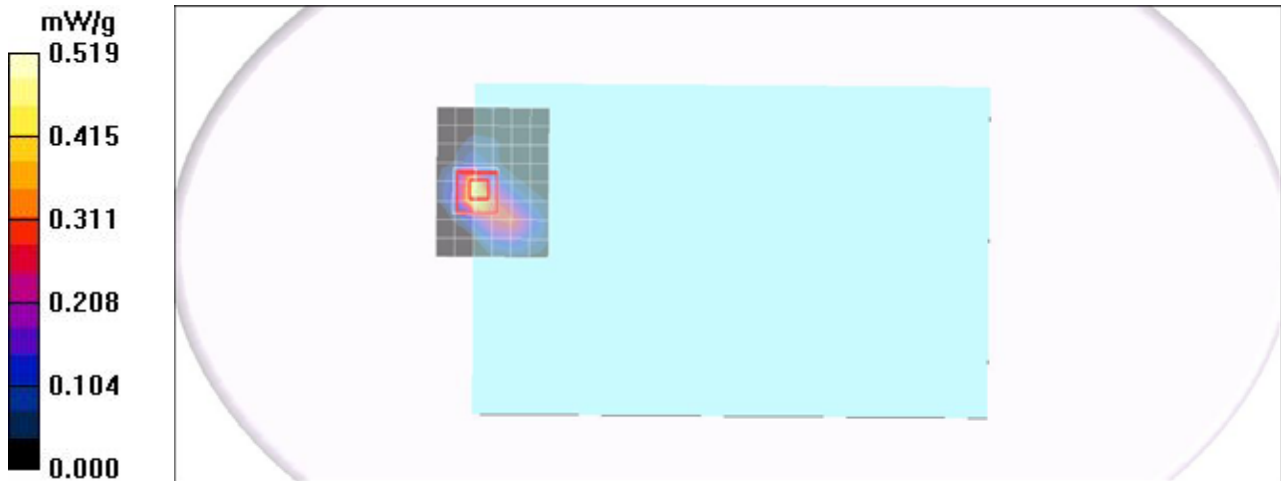
- Probe: EX3DV4 - SN3554; ConvF(3.21, 3.21, 3.21);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

#### Rear Side CH140/Area Scan (9x7x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.460 mW/g

#### Rear Side CH140/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.238 V/m; Power Drift = 0.085 dB  
Peak SAR (extrapolated) = 2.56 W/kg  
SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.085 mW/g  
Maximum value of SAR (measured) = 0.519 mW/g



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### 802.11a CH149 Rate 6M\_Rear Side\_Main antenna

Communication System: IEEE 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 5745$  MHz;  $\sigma = 6.18$  mho/m;  $\epsilon_r = 47.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 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(3.29, 3.29, 3.29);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

#### Rear Side CH149/Area Scan (9x7x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.631 mW/g

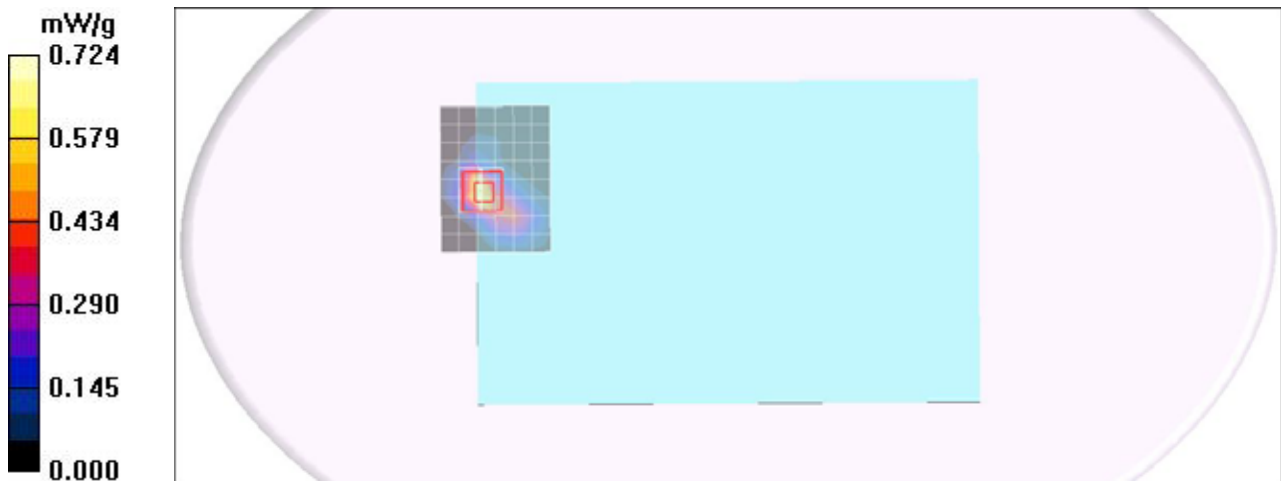
#### Rear Side CH149/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.239 V/m; Power Drift = 0.119 dB

Peak SAR (extrapolated) = 2.57 W/kg

SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.130 mW/g

Maximum value of SAR (measured) = 0.724 mW/g



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### 802.11a CH161 Rate 6M\_Rear Side\_Main antenna

Communication System: IEEE 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 5805$  MHz;  $\sigma = 6.28$  mho/m;  $\epsilon_r = 47.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 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(3.29, 3.29, 3.29);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

#### Rear Side CH161/Area Scan (9x7x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.547 mW/g

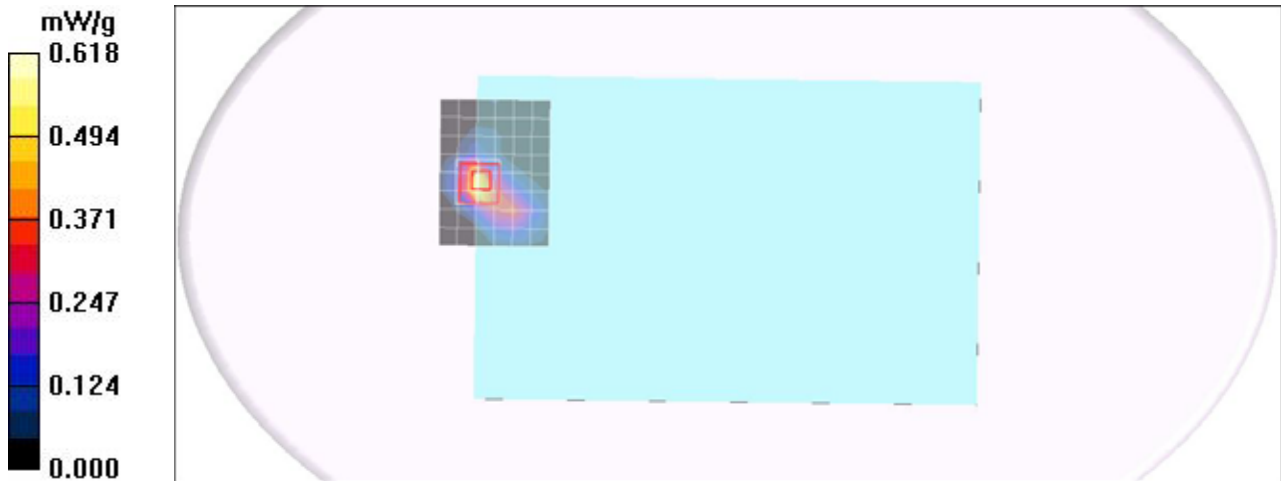
#### Rear Side CH161/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.242 V/m; Power Drift = -0.115 dB

Peak SAR (extrapolated) = 3.05 W/kg

SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.102 mW/g

Maximum value of SAR (measured) = 0.618 mW/g





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### 802.11a CH165 Rate 6M\_Rear Side\_Main antenna

Communication System: IEEE 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 5825$  MHz;  $\sigma = 6.331$  mho/m;  $\epsilon_r = 46.72$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

#### DASY4 Configuration:

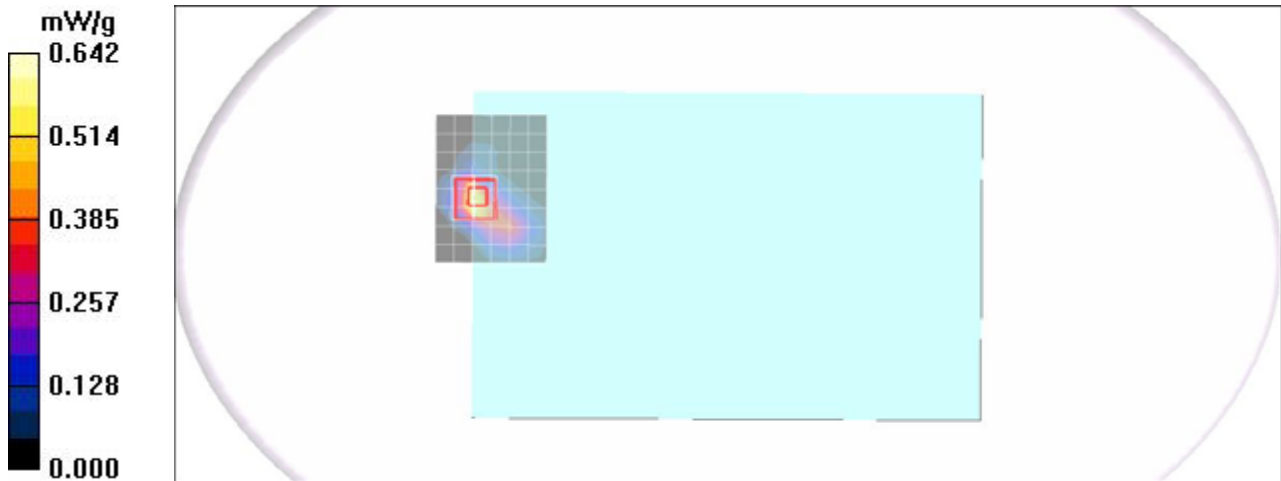
- Probe: EX3DV4 - SN3554; ConvF(3.29, 3.29, 3.29);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

#### Rear Side CH165/Area Scan (9x7x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.569 mW/g

#### Rear Side CH165/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.243 V/m; Power Drift = 0.090 dB  
Peak SAR (extrapolated) = 3.17 W/kg  
SAR(1 g) = 0.332 mW/g; SAR(10 g) = 0.106 mW/g  
Maximum value of SAR (measured) = 0.642 mW/g



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### 802.11a CH52 Rate 6M\_Rear Side\_Aux Antenna

Communication System: IEEE 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.49$  mho/m;  $\epsilon_r = 48.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 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: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Rear Side CH52/Area Scan (9x8x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.652 mW/g

**Rear Side CH52/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 0.000 V/m; Power Drift = 0.000 dB  
Peak SAR (extrapolated) = 1.59 W/kg  
**SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.137 mW/g**  
Maximum value of SAR (measured) = 0.740 mW/g



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## 802.11a CH64 Rate 6M\_Rear Side\_Aux Antenna

Communication System: IEEE 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.57$  mho/m;  $\epsilon_r = 48$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 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: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Rear Side CH64/Area Scan (9x8x1):

Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 0.253 mW/g

### Rear Side CH64/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 0.000 V/m; Power Drift = 0.000 dB  
Peak SAR (extrapolated) = 0.617 W/kg  
SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.053 mW/g  
Maximum value of SAR (measured) = 0.287 mW/g



Test Laboratory: Compliance Certification Services Inc.

### 802.11a CH104 Rate 6M\_Rear Side\_Aux Antenna

Communication System: IEEE 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5520$  MHz;  $\sigma = 5.86$  mho/m;  $\epsilon_r = 47.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

#### DASY4 Configuration:

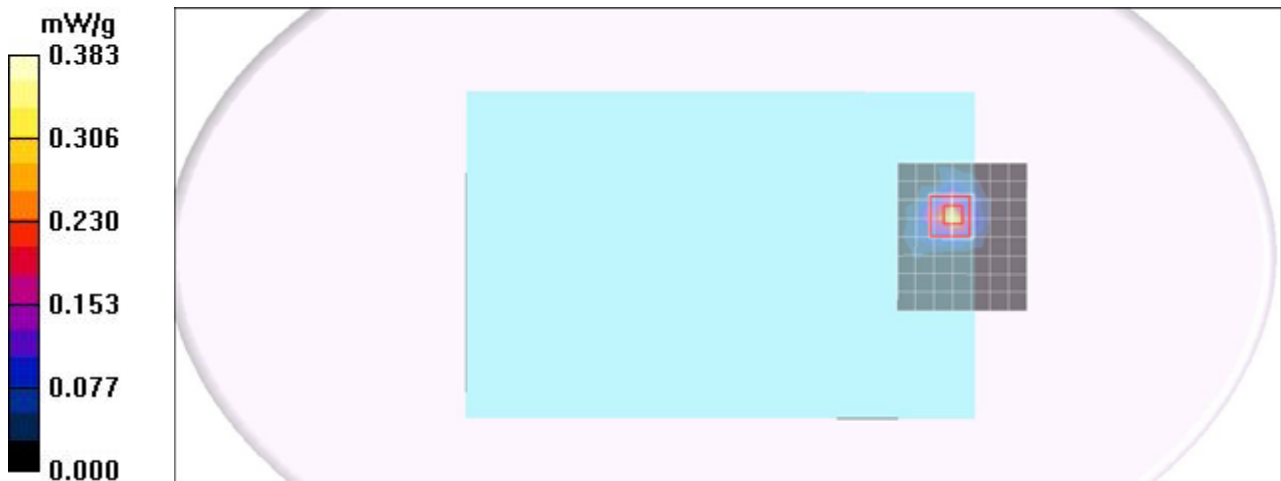
- Probe: EX3DV4 - SN3554; ConvF(3.38, 3.38, 3.38);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

#### Rear Side CH104/Area Scan (9x8x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.338 mW/g

#### Rear Side CH104/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB  
Peak SAR (extrapolated) = 0.825 W/kg  
SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.071 mW/g  
Maximum value of SAR (measured) = 0.383 mW/g



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### 802.11a CH116 Rate 6M\_Rear Side\_Aux Antenna

Communication System: IEEE 802.11a; Frequency: 5580 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.95$  mho/m;  $\epsilon_r = 47.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

#### DASY4 Configuration:

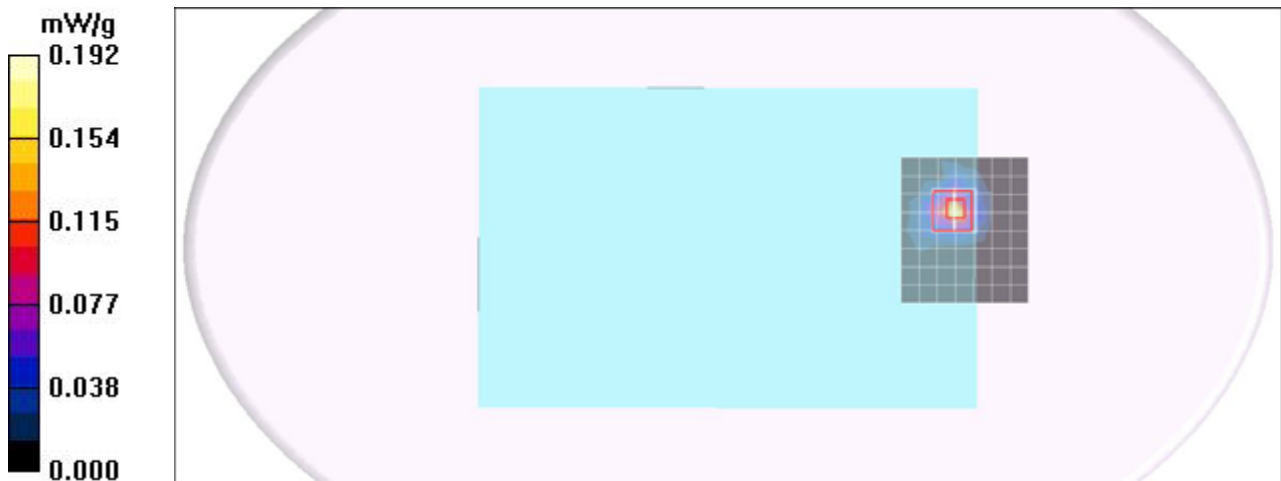
- Probe: EX3DV4 - SN3554; ConvF(3.21, 3.21, 3.21);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

#### Rear Side CH116/Area Scan (9x8x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.169 mW/g

#### Rear Side CH116/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB  
Peak SAR (extrapolated) = 0.401 W/kg  
**SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.035 mW/g**  
Maximum value of SAR (measured) = 0.192 mW/g



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### 802.11a CH124 Rate 6M\_Rear Side\_Aux Antenna

Communication System: IEEE 802.11a; Frequency: 5620 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5620$  MHz;  $\sigma = 6$  mho/m;  $\epsilon_r = 47.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

#### DASY4 Configuration:

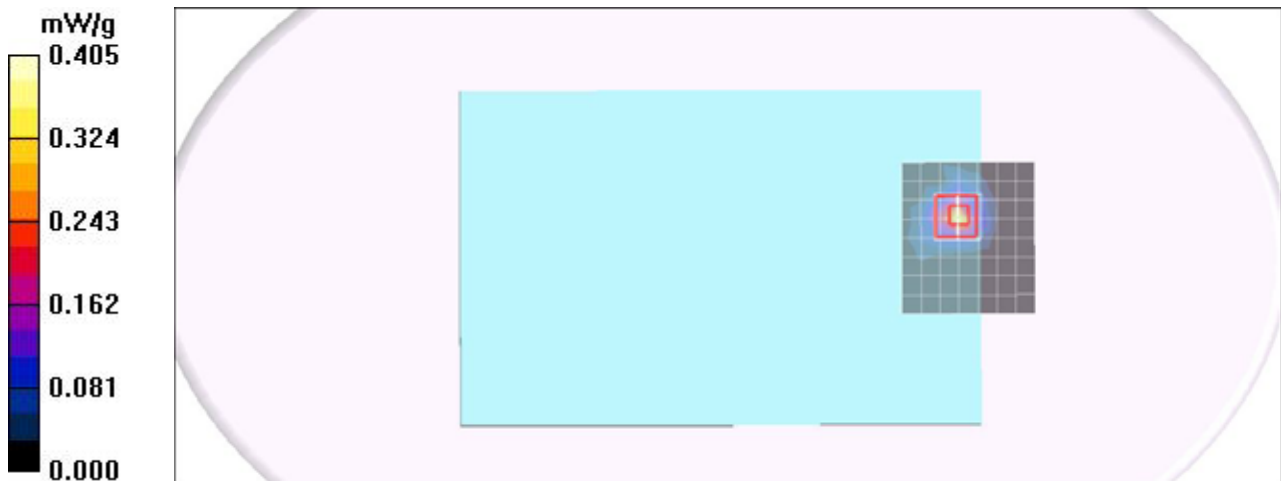
- Probe: EX3DV4 - SN3554; ConvF(3.21, 3.21, 3.21);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

#### Rear Side CH124/Area Scan (9x8x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.357 mW/g

#### Rear Side CH124/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB  
Peak SAR (extrapolated) = 0.847 W/kg  
SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.075 mW/g  
Maximum value of SAR (measured) = 0.405 mW/g



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### 802.11a CH140 Rate 6M\_Rear Side\_Aux Antenna

Communication System: IEEE 802.11a; Frequency: 5700 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5700$  MHz;  $\sigma = 6.12$  mho/m;  $\epsilon_r = 47.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

#### DASY4 Configuration:

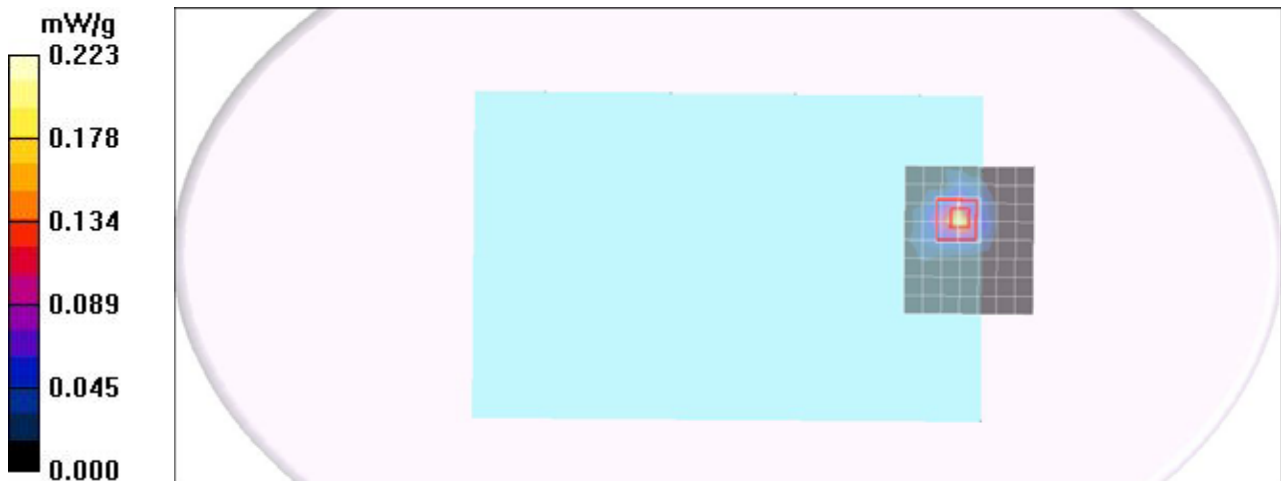
- Probe: EX3DV4 - SN3554; ConvF(3.21, 3.21, 3.21);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

#### Rear Side CH140/Area Scan (9x8x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.196 mW/g

#### Rear Side CH140/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB  
Peak SAR (extrapolated) = 0.465 W/kg  
**SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.041 mW/g**  
Maximum value of SAR (measured) = 0.223 mW/g



Test Laboratory: Compliance Certification Services Inc.

### 802.11a CH153 Rate 6M\_Rear Side\_Aux Antenna

Communication System: IEEE 802.11a; Frequency: 5765 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 5765$  MHz;  $\sigma = 6.2$  mho/m;  $\epsilon_r = 47.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 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(3.29, 3.29, 3.29);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

#### Rear Side CH153/Area Scan (9x8x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.200 mW/g

#### Rear Side CH153/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.475 W/kg

SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.042 mW/g

Maximum value of SAR (measured) = 0.227 mW/g





Test Laboratory: Compliance Certification Services Inc.

### 802.11a CH161 Rate 6M\_Rear Side\_Aux Antenna

Communication System: IEEE 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 5805$  MHz;  $\sigma = 6.28$  mho/m;  $\epsilon_r = 47.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

#### DASY4 Configuration:

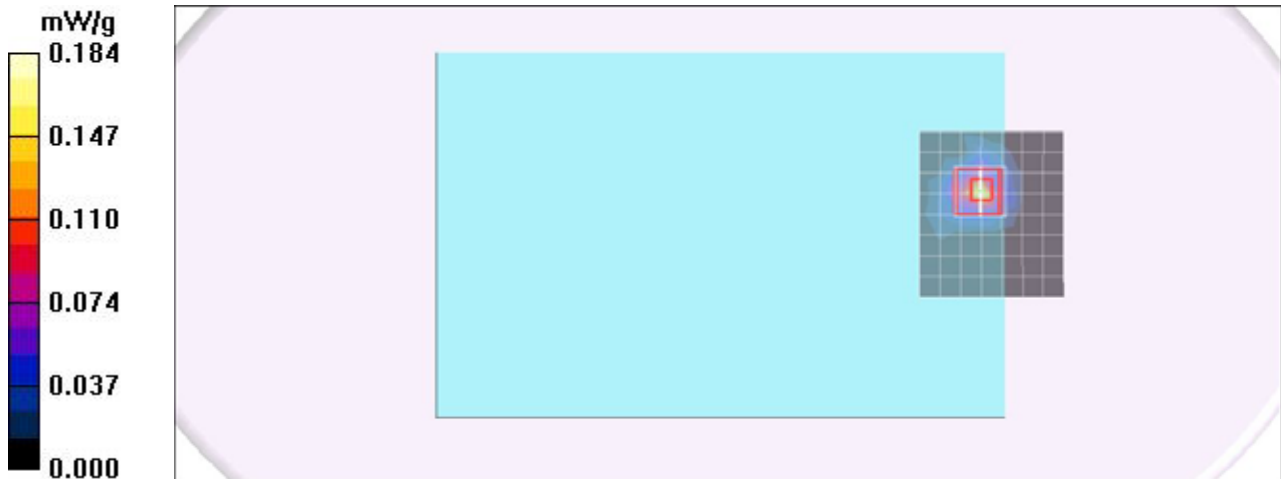
- Probe: EX3DV4 - SN3554; ConvF(3.29, 3.29, 3.29);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

#### Rear Side CH161/Area Scan (9x8x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.162 mW/g

#### Rear Side CH161/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB  
Peak SAR (extrapolated) = 0.385 W/kg  
SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.034 mW/g  
Maximum value of SAR (measured) = 0.184 mW/g



Test Laboratory: Compliance Certification Services Inc.

### 802.11a CH165 Rate 6M\_Rear Side\_Aux Antenna

Communication System: IEEE 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 5825$  MHz;  $\sigma = 6.33$  mho/m;  $\epsilon_r = 46.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 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(3.29, 3.29, 3.29);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

#### Rear Side CH165/Area Scan (9x8x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.409 mW/g

#### Rear Side CH165/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB  
Peak SAR (extrapolated) = 0.969 W/kg  
SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.086 mW/g  
Maximum value of SAR (measured) = 0.464 mW/g

