



## Appendix B. Plots of SAR Measurement

## P01 WCDMA II\_RMC 12.2k\_Rear Face\_0cm\_Ch9262

### DUT: 6N1002

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: B1900\_161207 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.479$  S/m;  $\epsilon_r = 52.664$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C**

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.06, 8.06, 8.06); Calibrated: 2016/2/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2016/2/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Ch9400/Area Scan (161x221x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.460 W/kg

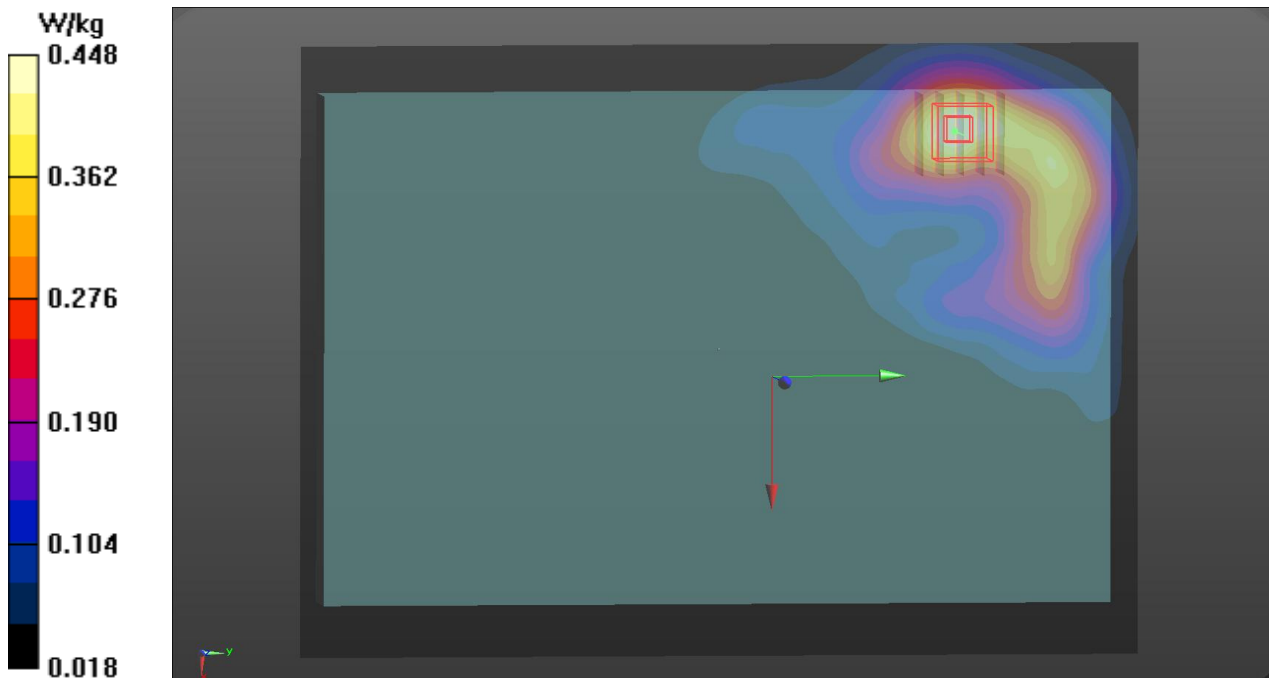
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.561 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.543 W/kg

**SAR(1 g) = 0.347 W/kg; SAR(10 g) = 0.217 W/kg**

Maximum value of SAR (measured) = 0.448 W/kg



## P02 WCDMA II\_RMC 12.2k\_Edge2\_0cm\_Ch9262

### DUT: 6N1002

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: B1900\_161207 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.479$  S/m;  $\epsilon_r = 52.664$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C**

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.06, 8.06, 8.06); Calibrated: 2016/2/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2016/2/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Ch9262/Area Scan (41x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.318 W/kg

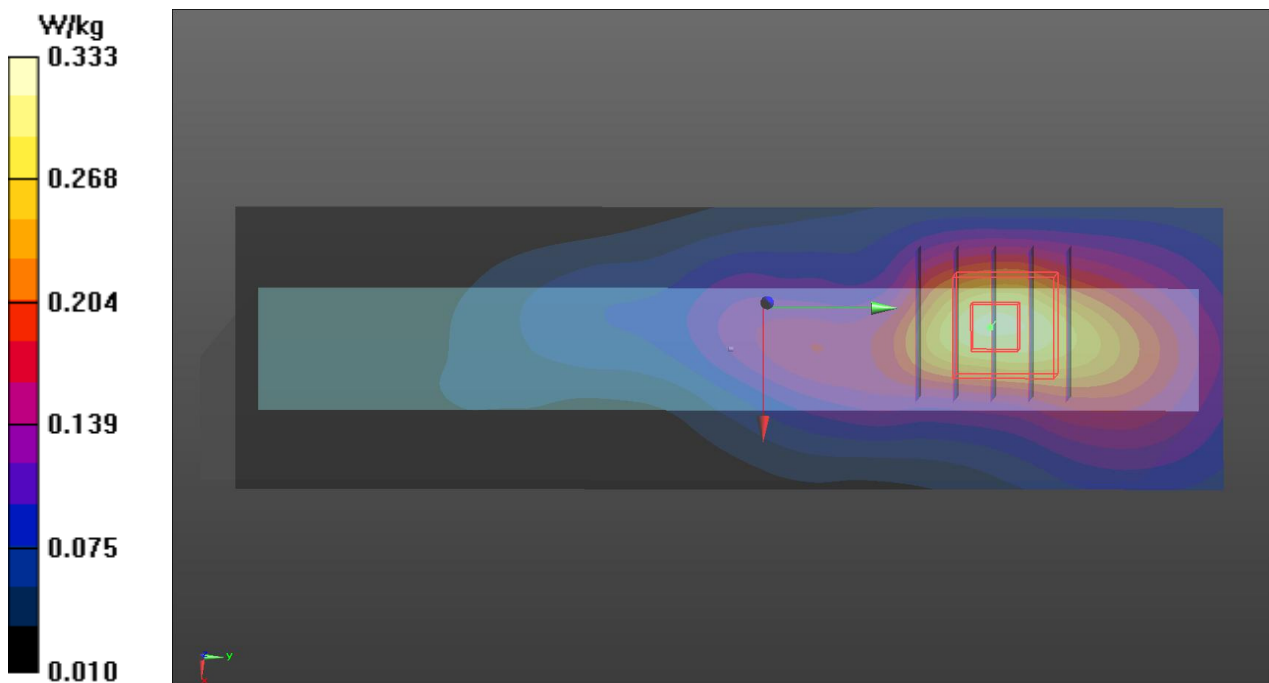
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.259 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.404 W/kg

**SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.148 W/kg**

Maximum value of SAR (measured) = 0.333 W/kg



### P03 WCDMA II\_RMC 12.2k\_Edge3\_0cm\_Ch9262

**DUT: 6N1002**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: B1900\_161207 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.479$  S/m;  $\epsilon_r = 52.664$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

**Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C**

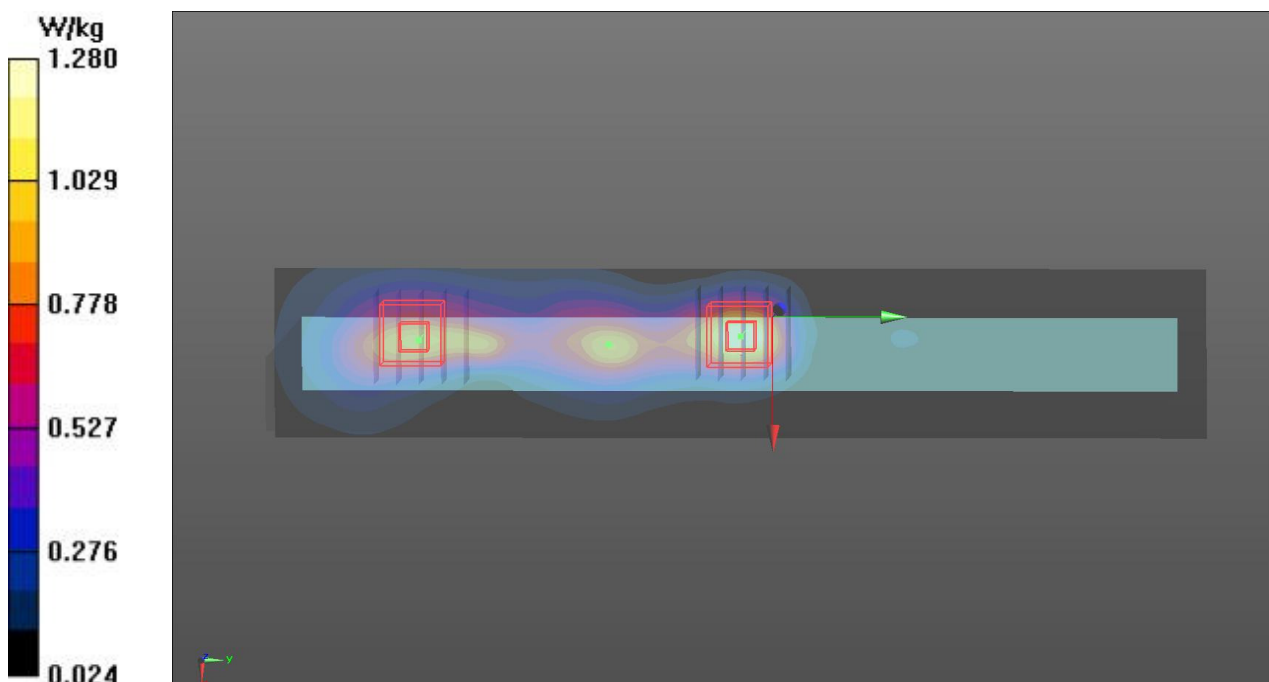
DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.06, 8.06, 8.06); Calibrated: 2016/2/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2016/2/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Ch9262/Area Scan (41x221x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.35 W/kg

**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 24.45 V/m; Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 1.54 W/kg  
**SAR(1 g) = 0.967 W/kg; SAR(10 g) = 0.535 W/kg**  
Maximum value of SAR (measured) = 1.28 W/kg

**Ch9262/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 24.45 V/m; Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 1.23 W/kg  
**SAR(1 g) = 0.757 W/kg; SAR(10 g) = 0.429 W/kg**  
Maximum value of SAR (measured) = 1.03 W/kg



## P04 WCDMA II\_RMC 12.2k\_Edge3\_0cm\_Ch9400

**DUT: 6N1002**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: B1900\_161207 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.509$  S/m;  $\epsilon_r = 52.558$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C**

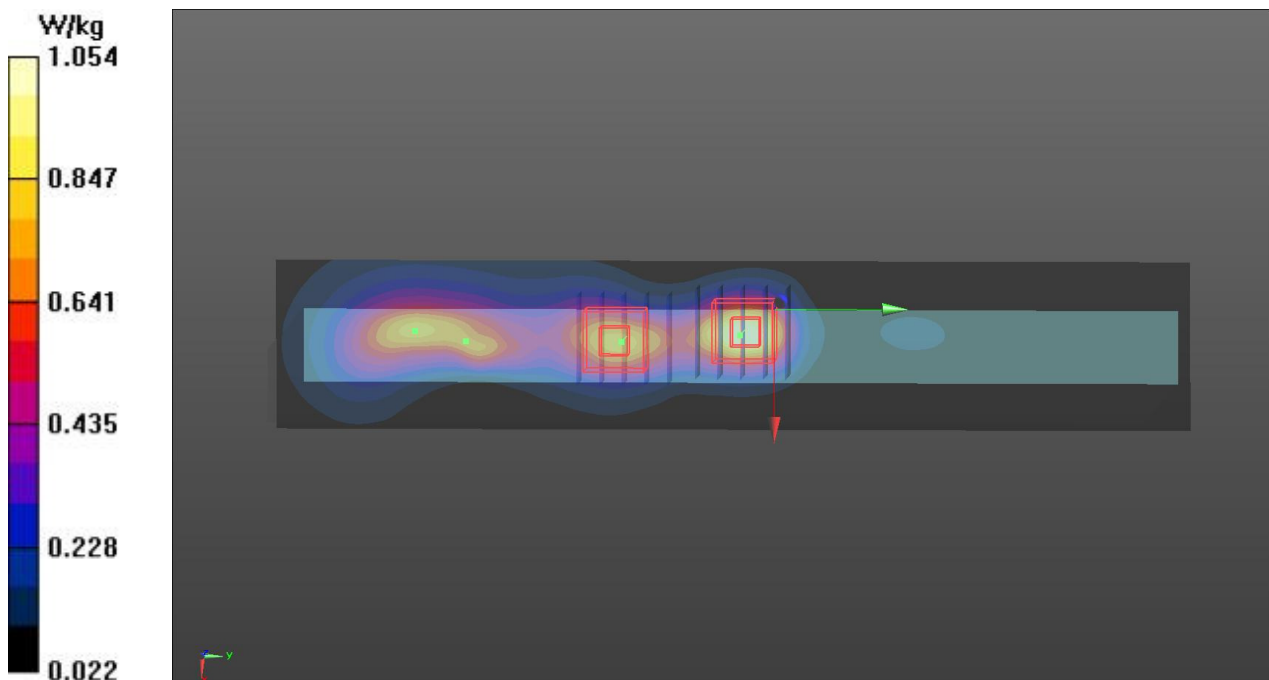
DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.06, 8.06, 8.06); Calibrated: 2016/2/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2016/2/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Ch9400/Area Scan (51x271x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.09 W/kg

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 22.78 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 1.27 W/kg  
**SAR(1 g) = 0.792 W/kg; SAR(10 g) = 0.436 W/kg**  
Maximum value of SAR (measured) = 1.05 W/kg

**Ch9400/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 22.78 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 1.02 W/kg  
**SAR(1 g) = 0.617 W/kg; SAR(10 g) = 0.351 W/kg**  
Maximum value of SAR (measured) = 0.827 W/kg



## P05 WCDMA II\_RMC 12.2k\_Edge3\_0cm\_Ch9538

### DUT: 6N1002

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: B1900\_161207 Medium parameters used:  $f = 1907.6$  MHz;  $\sigma = 1.536$  S/m;  $\epsilon_r = 52.465$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C**

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.06, 8.06, 8.06); Calibrated: 2016/2/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2016/2/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Ch9538/Area Scan (41x221x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.954 W/kg

**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.42 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.687 W/kg; SAR(10 g) = 0.376 W/kg**

Maximum value of SAR (measured) = 0.922 W/kg

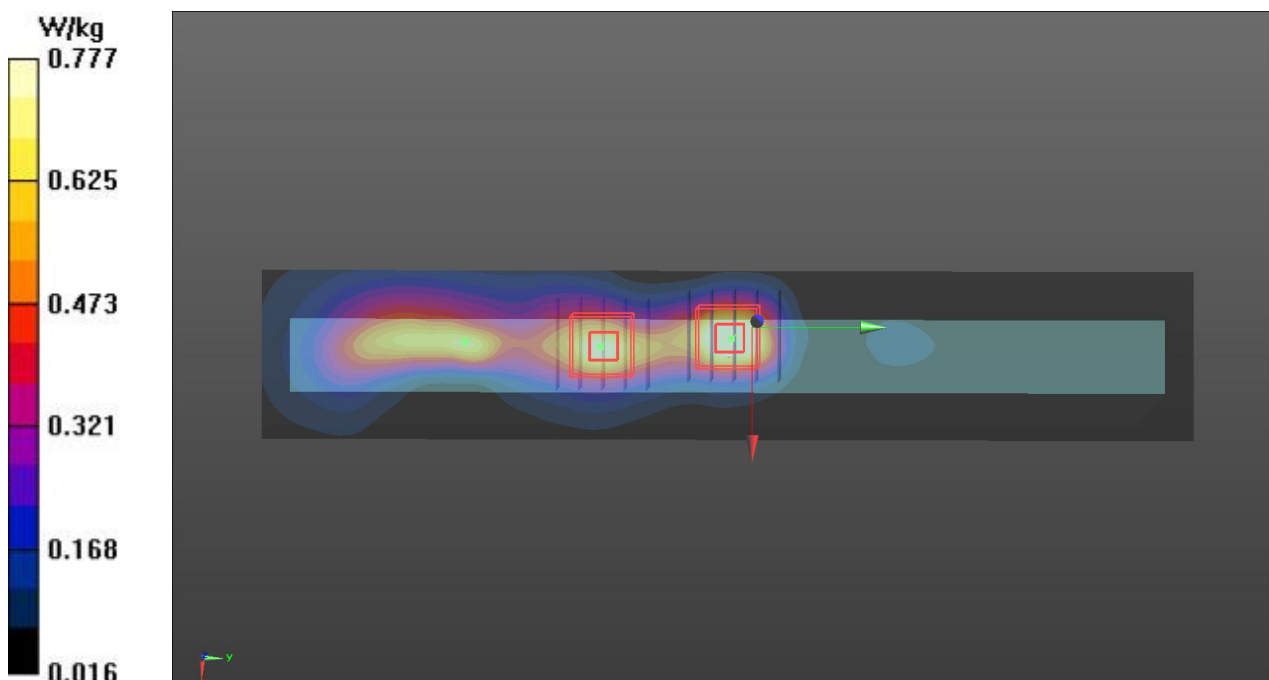
**Ch9538/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.42 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.952 W/kg

**SAR(1 g) = 0.569 W/kg; SAR(10 g) = 0.320 W/kg**

Maximum value of SAR (measured) = 0.777 W/kg



## P06 WCDMA II\_RMC 12.2k\_Edge3\_0cm\_Ch9400\_Repeated

**DUT: 6N1002**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: B1900\_161207 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.509$  S/m;  $\epsilon_r = 52.558$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C**

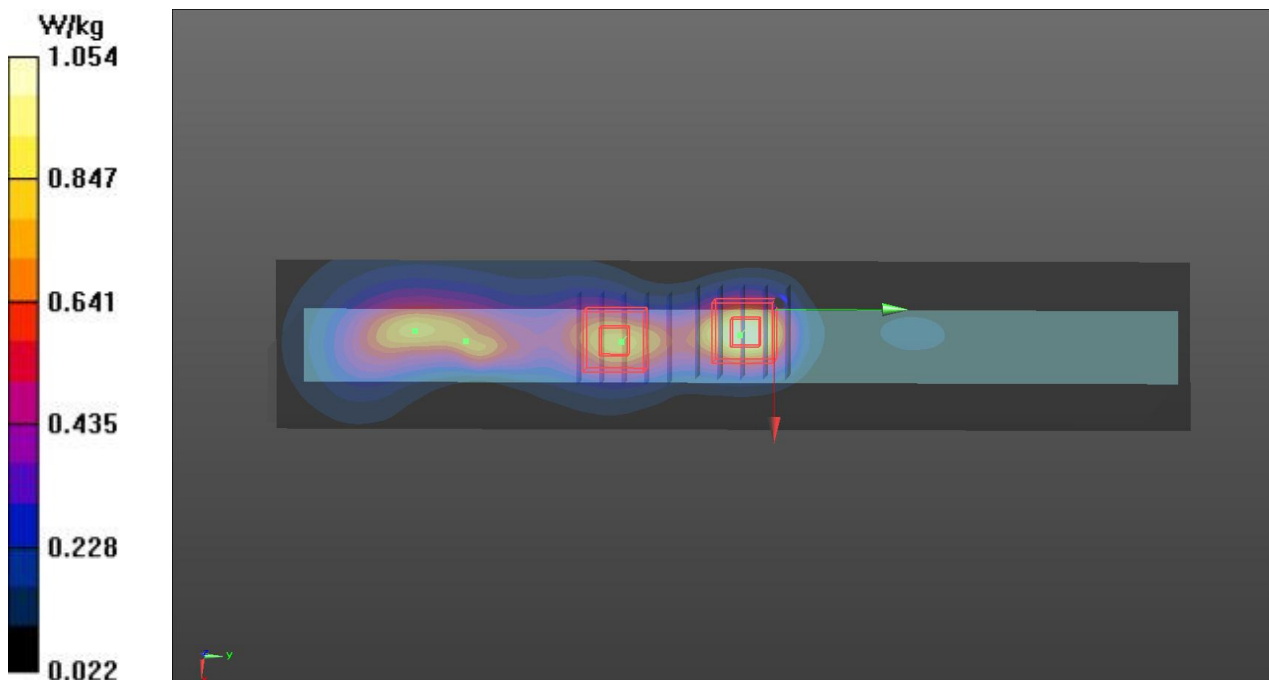
DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.06, 8.06, 8.06); Calibrated: 2016/2/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2016/2/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Ch9400/Area Scan (51x271x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.09 W/kg

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 22.78 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 1.27 W/kg  
**SAR(1 g) = 0.787 W/kg; SAR(10 g) = 0.434 W/kg**  
Maximum value of SAR (measured) = 1.05 W/kg

**Ch9400/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 22.78 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 1.02 W/kg  
**SAR(1 g) = 0.614 W/kg; SAR(10 g) = 0.346 W/kg**  
Maximum value of SAR (measured) = 0.827 W/kg



## P07 WCDMA V\_RMC 12.2k\_Rear Face\_0cm\_Ch4182

**DUT: 6N1002**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: B835\_161208 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.989$  S/m;  $\epsilon_r = 54.754$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C**

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(9.93, 9.93, 9.93); Calibrated: 2016/2/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2016/2/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Ch4182/Area Scan (161x221x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.245 W/kg

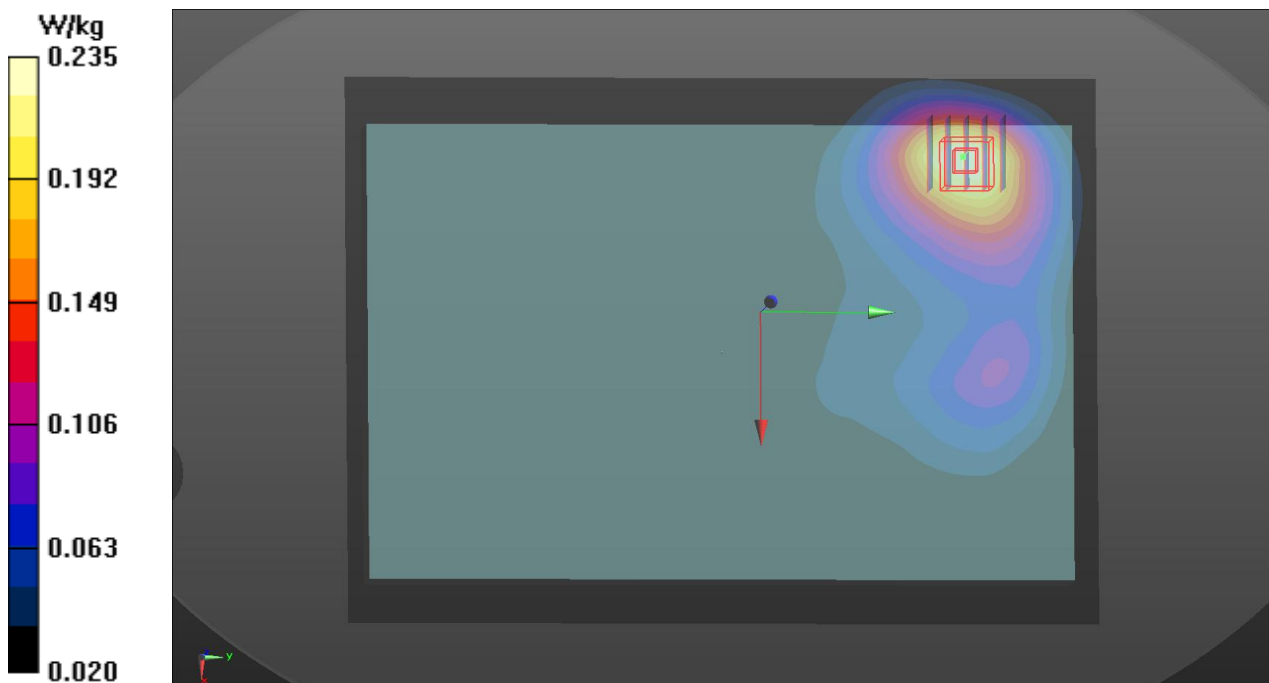
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.573 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.263 W/kg

**SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.142 W/kg**

Maximum value of SAR (measured) = 0.235 W/kg





## P08 WCDMA V\_RMC 12.2k\_Edge1\_0cm\_Ch4182

### DUT: 6N1002

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: B835\_161208 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.989$  S/m;  $\epsilon_r = 54.754$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C**

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(9.93, 9.93, 9.93); Calibrated: 2016/2/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2016/2/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Ch4182/Area Scan (41x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.0983 W/kg

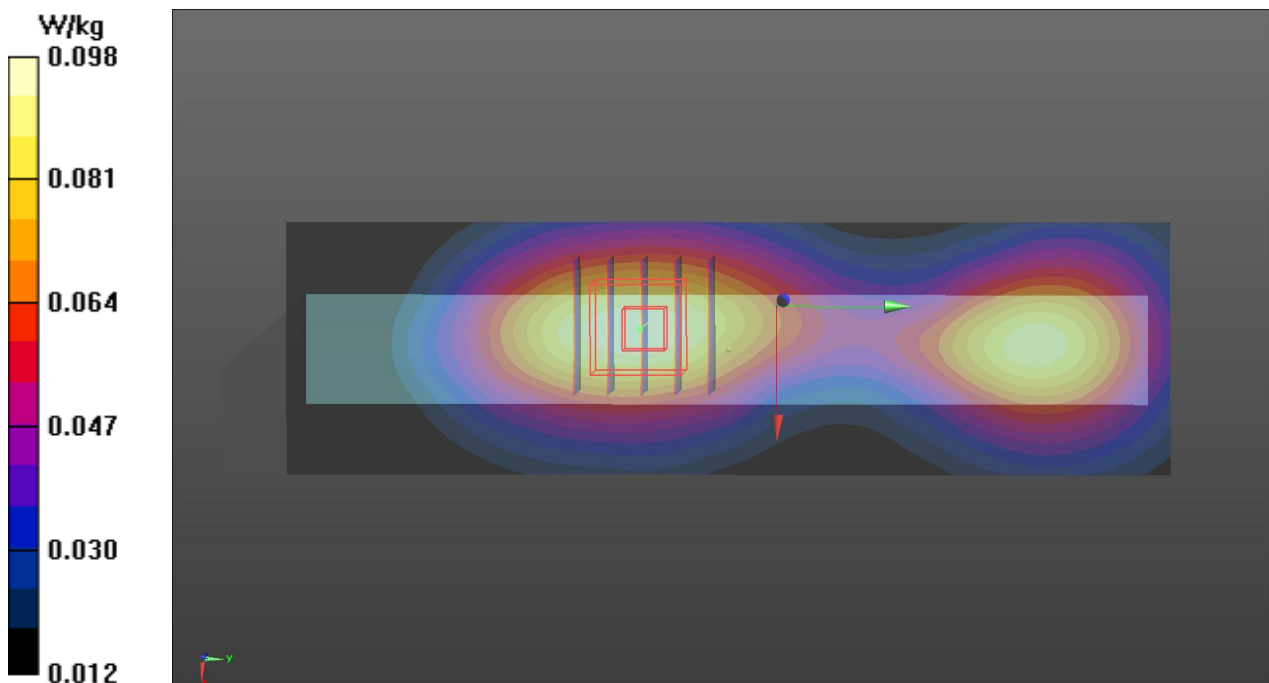
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.245 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.111 W/kg

**SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.058 W/kg**

Maximum value of SAR (measured) = 0.0979 W/kg



## P09 WCDMA V\_RMC 12.2k\_Edge3\_0cm\_Ch4182

### DUT: 6N1002

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: B835\_161208 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.989$  S/m;  $\epsilon_r = 54.754$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C**

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(9.93, 9.93, 9.93); Calibrated: 2016/2/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2016/2/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Ch4182/Area Scan (41x221x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.362 W/kg

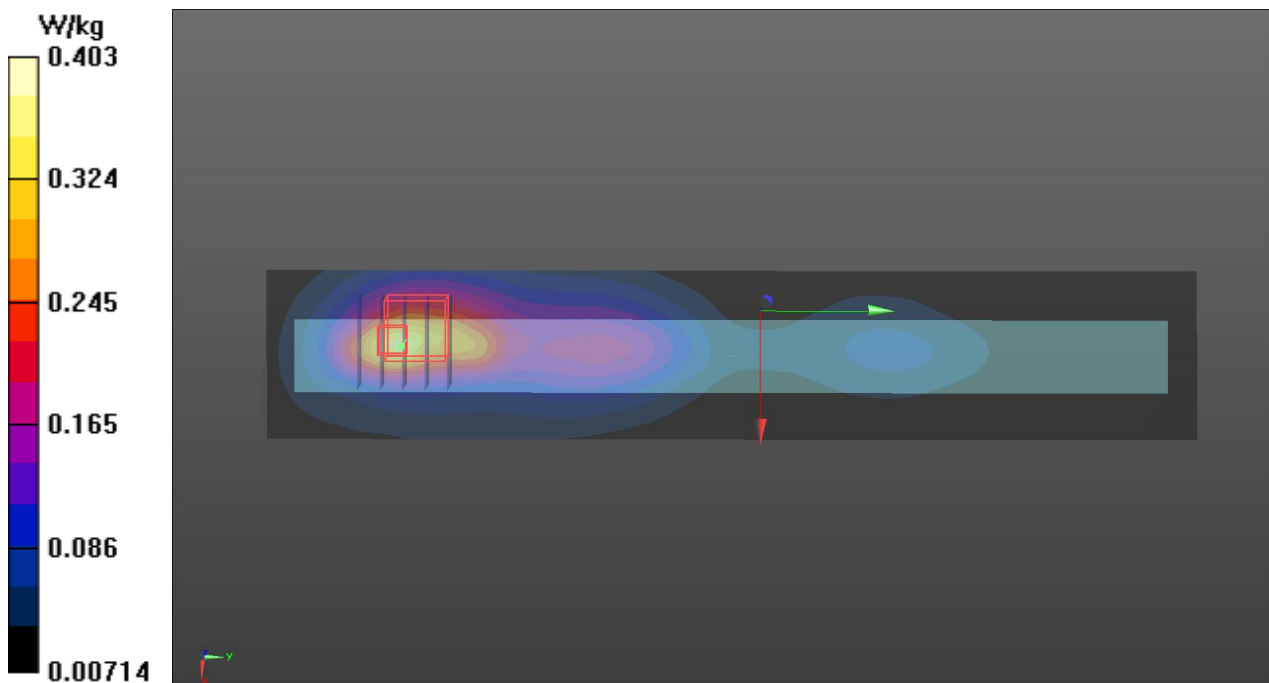
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.158 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.581 W/kg

**SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.146 W/kg**

Maximum value of SAR (measured) = 0.403 W/kg



## P10 802.11b\_Rear Face\_0cm\_Ch11

**DUT: 6N1002**

Communication System: WLAN\_2.4G; Frequency: 2462 MHz; Duty Cycle: 1:1.009  
Medium: B2450\_161208 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.953$  S/m;  $\epsilon_r = 52.101$ ;  $\rho = 1000$  kg/m<sup>3</sup>

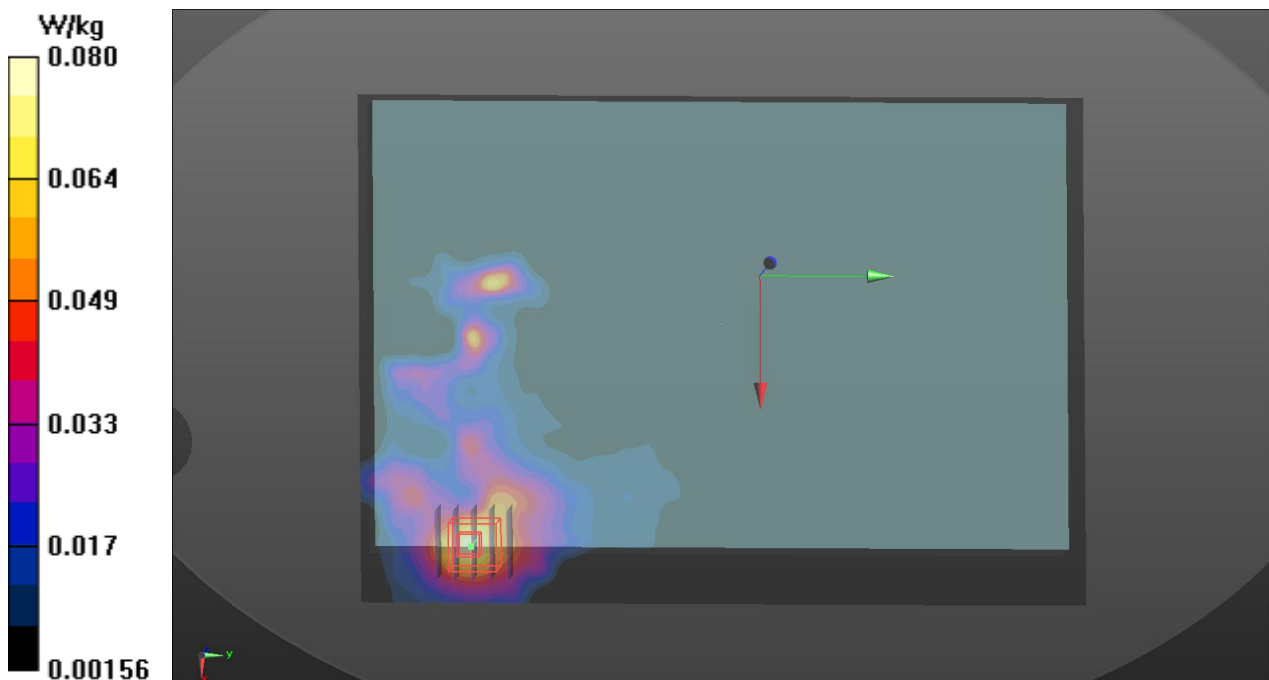
**Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C**

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.45, 7.45, 7.45); Calibrated: 2016/2/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2016/2/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Ch11/Area Scan (191x271x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.0791 W/kg

**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0.134 V/m; Power Drift = 0.00 dB  
Peak SAR (extrapolated) = 0.104 W/kg  
**SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.033 W/kg**  
Maximum value of SAR (measured) = 0.0801 W/kg



### P11 802.11b\_Edge2\_0cm\_Ch11

**DUT: 6N1002**

Communication System: WLAN\_2.4G; Frequency: 2462 MHz; Duty Cycle: 1:1.009  
Medium: B2450\_161208 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.953$  S/m;  $\epsilon_r = 52.101$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C**

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.45, 7.45, 7.45); Calibrated: 2016/2/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2016/2/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Ch11/Area Scan (41x201x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0831 W/kg

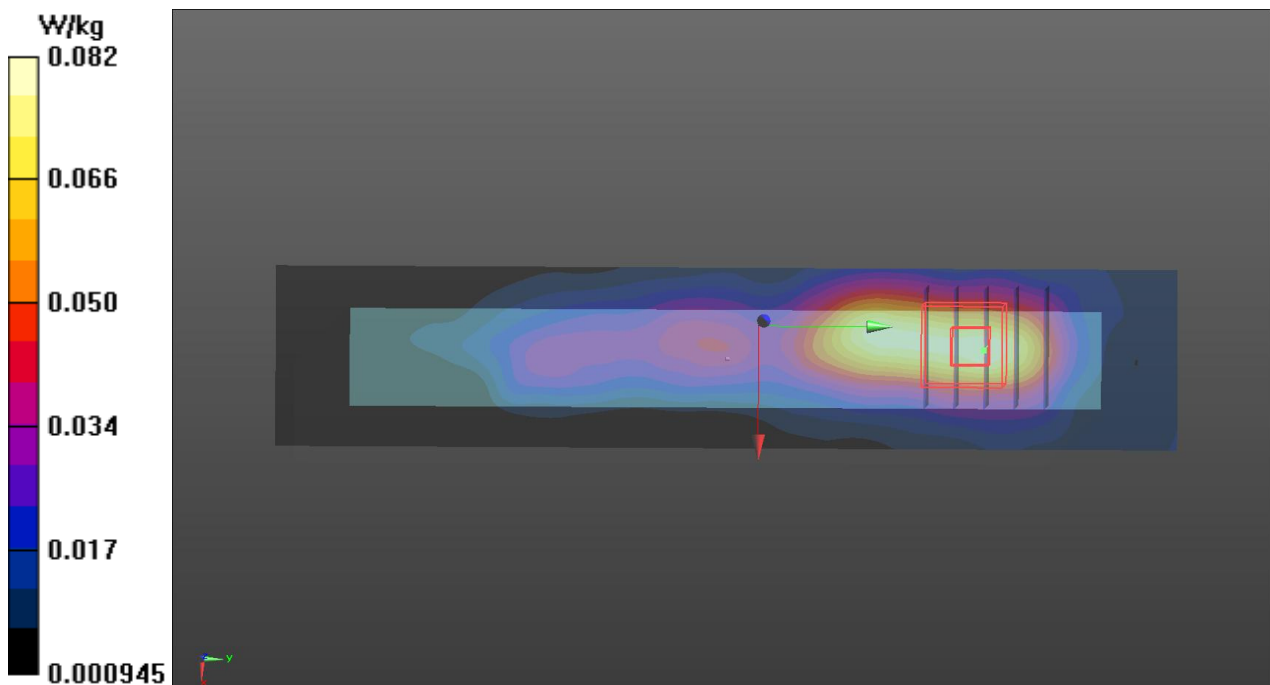
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.729 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.107 W/kg

**SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.032 W/kg**

Maximum value of SAR (measured) = 0.0824 W/kg



## P12 802.11b\_Edge4\_0cm\_Ch11

**DUT: 6N1002**

Communication System: WLAN\_2.4G; Frequency: 2462 MHz; Duty Cycle: 1:1.009  
Medium: B2450\_161208 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.953$  S/m;  $\epsilon_r = 52.101$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C**

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.45, 7.45, 7.45); Calibrated: 2016/2/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2016/2/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Ch11/Area Scan (41x281x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.56 W/kg

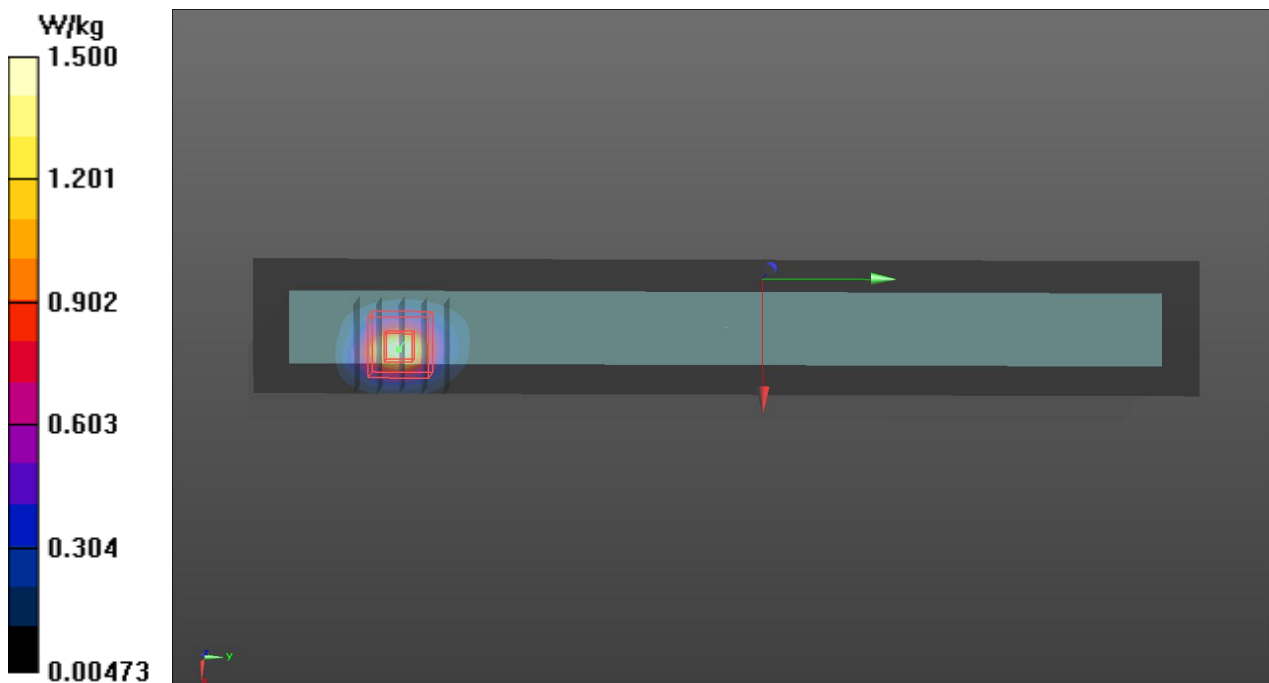
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.391 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.01 W/kg

**SAR(1 g) = 0.958 W/kg; SAR(10 g) = 0.412 W/kg**

Maximum value of SAR (measured) = 1.50 W/kg



### P13 802.11b\_Edge4\_0cm\_Ch1

**DUT: 6N1002**

Communication System: WLAN\_2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1.009  
Medium: B2450\_161208 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.894$  S/m;  $\epsilon_r = 52.236$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C**

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.45, 7.45, 7.45); Calibrated: 2016/2/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2016/2/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Ch1/Area Scan (41x281x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.16 W/kg

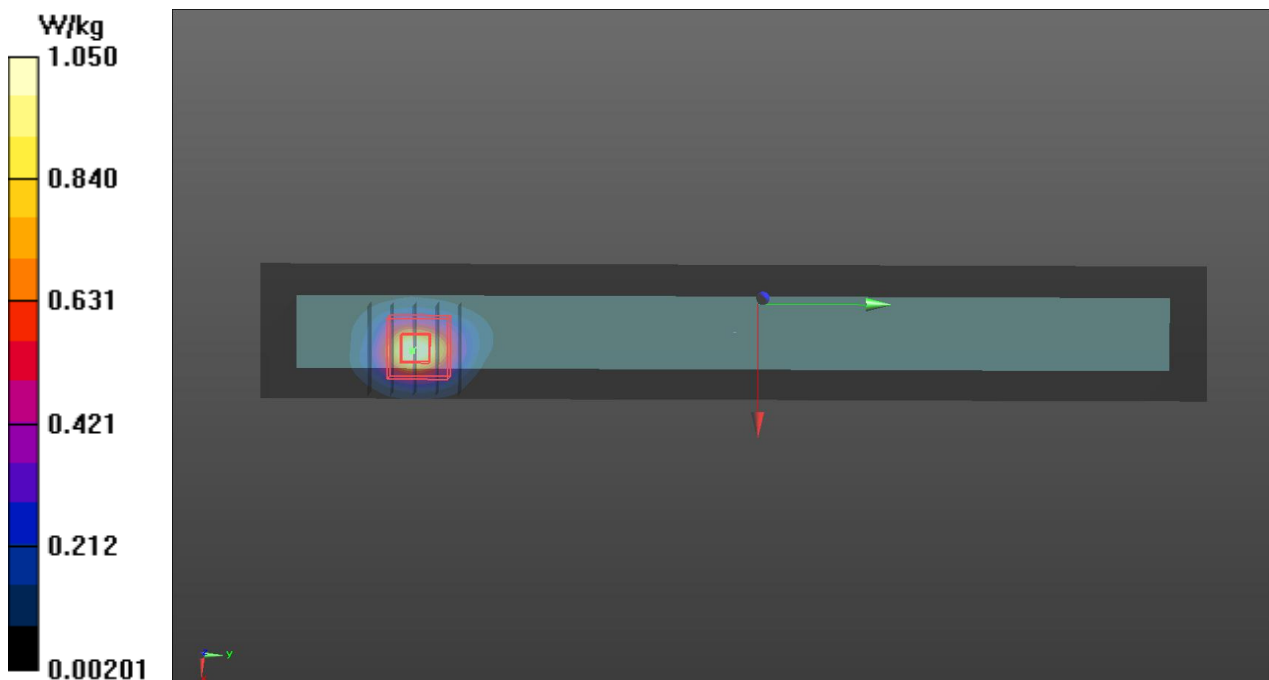
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.130 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 0.686 W/kg; SAR(10 g) = 0.302 W/kg**

Maximum value of SAR (measured) = 1.05 W/kg



## P14 802.11b\_Edge4\_0cm\_Ch6

**DUT: 6N1002**

Communication System: WLAN\_2.4G; Frequency: 2437 MHz; Duty Cycle: 1:1.009  
Medium: B2450\_161208 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.924$  S/m;  $\epsilon_r = 52.171$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C**

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.45, 7.45, 7.45); Calibrated: 2016/2/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2016/2/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Ch6/Area Scan (41x281x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.41 W/kg

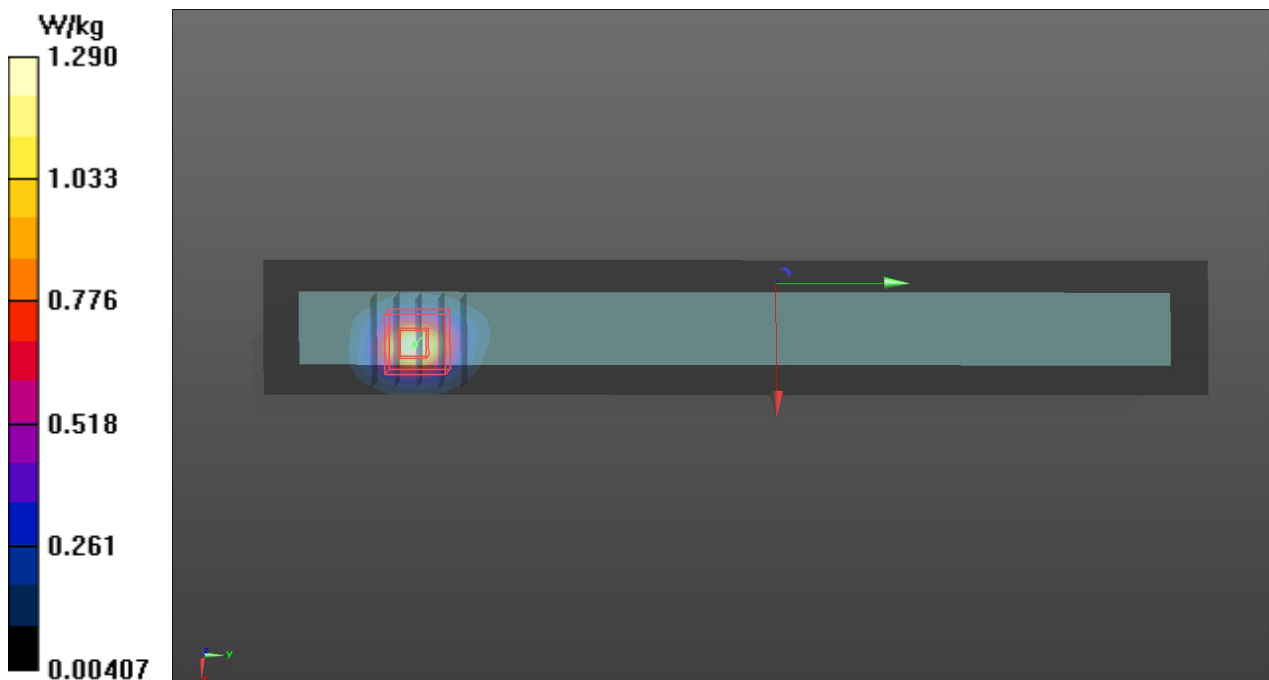
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.392 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 0.843 W/kg; SAR(10 g) = 0.372 W/kg**

Maximum value of SAR (measured) = 1.29 W/kg



### P15 802.11b\_Edge4\_0cm\_Ch11

**DUT: 6N1002**

Communication System: WLAN\_2.4G; Frequency: 2462 MHz; Duty Cycle: 1:1.009  
Medium: B2450\_161208 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.953$  S/m;  $\epsilon_r = 52.101$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C**

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.45, 7.45, 7.45); Calibrated: 2016/2/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2016/2/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Ch11/Area Scan (41x281x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.62 W/kg

**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.747 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.99 W/kg

**SAR(1 g) = 0.956 W/kg; SAR(10 g) = 0.414 W/kg**

Maximum value of SAR (measured) = 1.49 W/kg

