

## System Check\_B750\_140815

**DUT: Dipole 750 MHz; Type: D750V3; SN: 1013**

Communication System: CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: B07T08N2\_0815 Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.967 \text{ S/m}$ ;  $\epsilon_r = 55.261$ ;  $\rho = 1000 \text{ kg/m}^3$

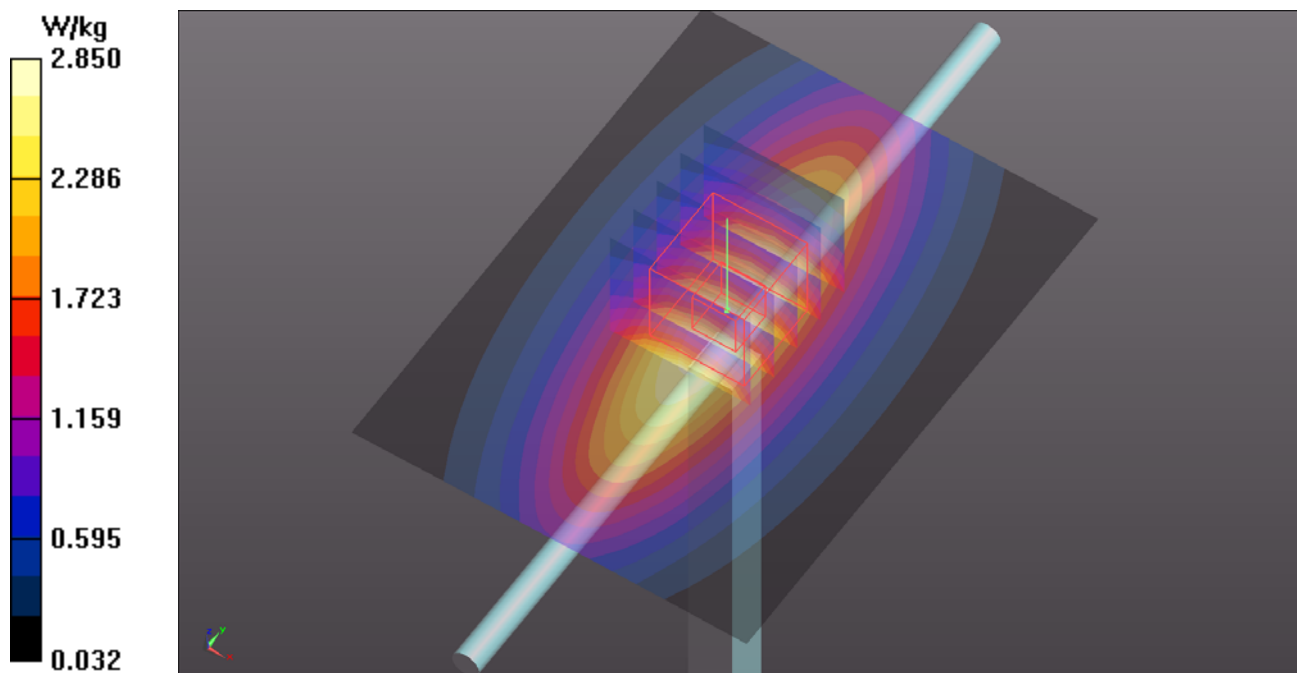
Ambient Temperature :  $22.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.8 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.62, 9.62, 9.62); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Flat Phantom ELI 5.0\_Left; Type: QDOVA002AA; Serial: TP:1206
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=250mW/Area Scan (61x81x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $2.85 \text{ W/kg}$

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $55.05 \text{ V/m}$ ; Power Drift =  $-0.00 \text{ dB}$   
Peak SAR (extrapolated) =  $3.32 \text{ W/kg}$   
**SAR(1 g) =  $2.27 \text{ W/kg}$ ; SAR(10 g) =  $1.52 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $2.84 \text{ W/kg}$



## System Check\_B835\_140813

**DUT: Dipole 835 MHz; Type: D835V2; SN: 4d121**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: B08T09N3\_0813 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.976 \text{ S/m}$ ;  $\epsilon_r = 55.24$ ;  $\rho = 1000 \text{ kg/m}^3$

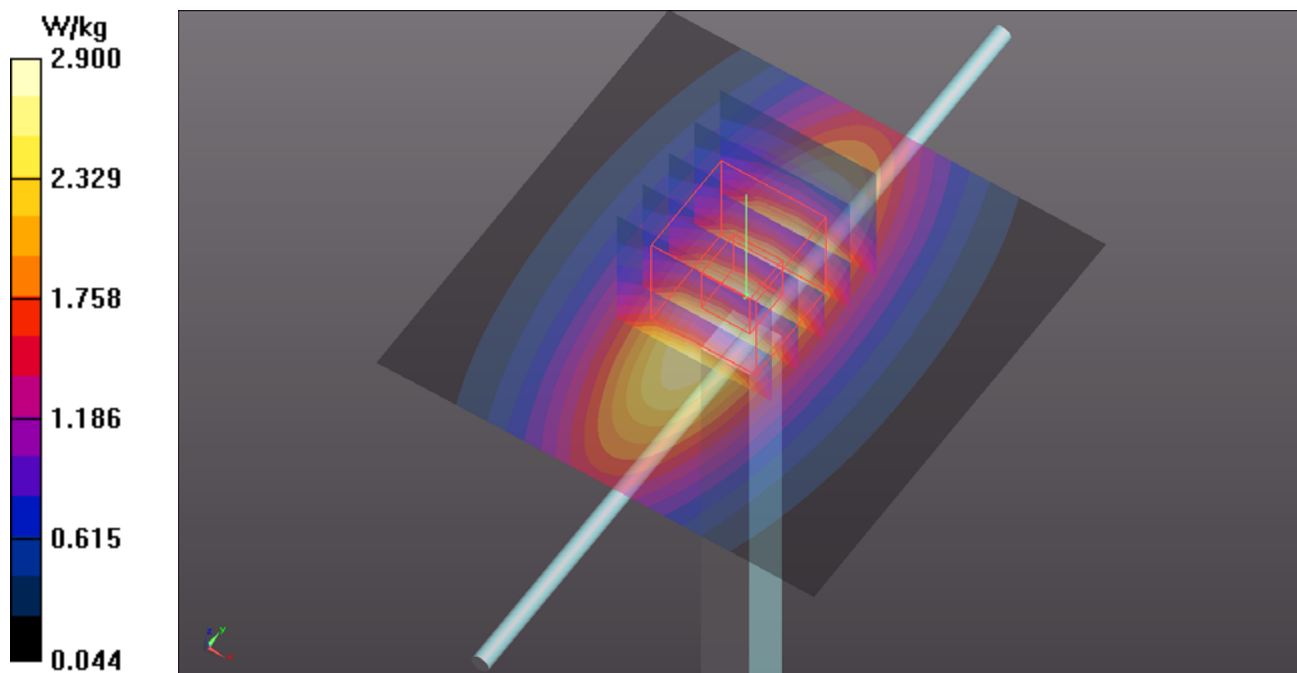
Ambient Temperature :  $21.7 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.7, 9.7, 9.7); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Flat Phantom ELI 5.0\_Front; Type: QDOVA001BB; Serial: SN:1204
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $2.90 \text{ W/kg}$

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $52.04 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$   
Peak SAR (extrapolated) =  $3.44 \text{ W/kg}$   
**SAR(1 g) =  $2.27 \text{ W/kg}$ ; SAR(10 g) =  $1.49 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $2.88 \text{ W/kg}$



## System Check\_B1750\_140727

**DUT: Dipole 1750 MHz; Type: D1750V2; SN: 1055**

Communication System: CW; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: B17T18N1\_0727 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.468$  S/m;  $\epsilon_r = 53.78$ ;  $\rho = 1000$  kg/m<sup>3</sup>

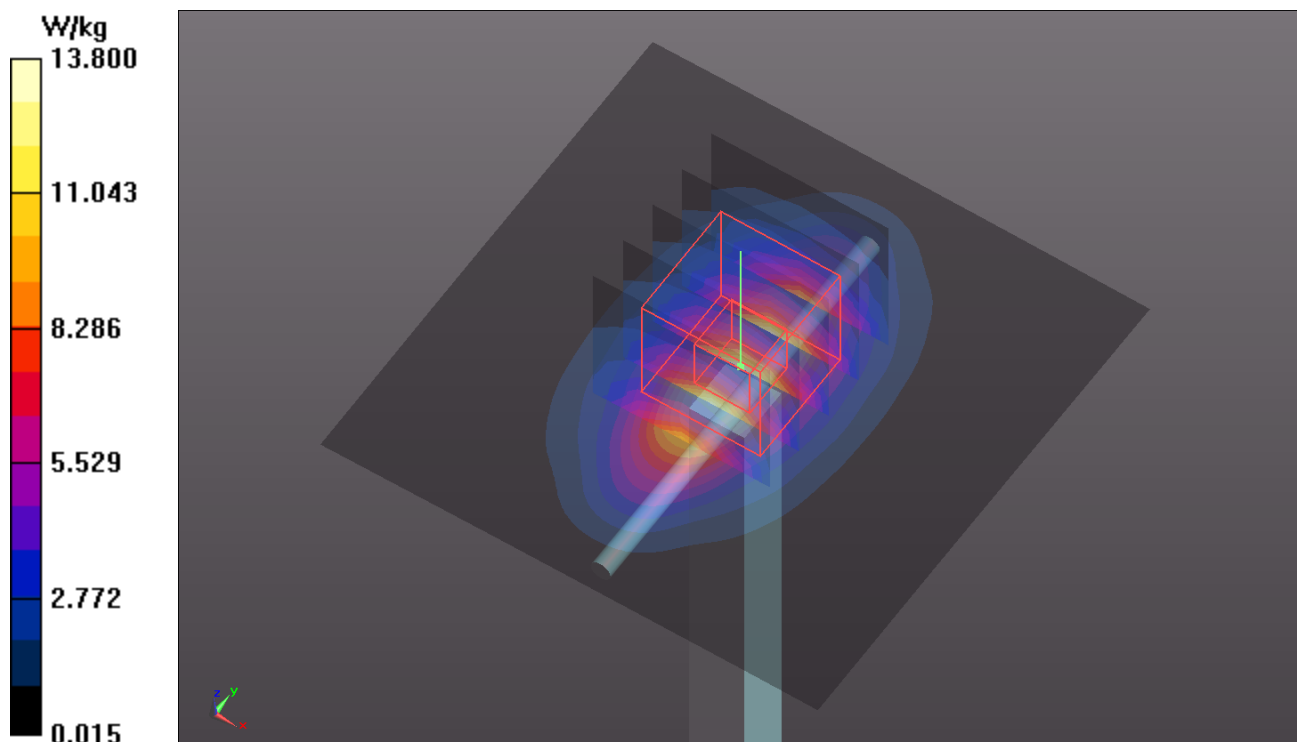
Ambient Temperature : 21.5 °C; Liquid Temperature : 20.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.93, 7.93, 7.93); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: Flat Phantom ELI 5.0\_Front; Type: QDOVA001BB; Serial: SN:1204
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 13.8 W/kg

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 98.93 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 16.9 W/kg  
**SAR(1 g) = 9.8 W/kg; SAR(10 g) = 5.31 W/kg**  
Maximum value of SAR (measured) = 13.7 W/kg



## System Check\_B1900\_140814

**DUT: Dipole 1900 MHz; Type: D1900V2; SN: 5d036**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: B1900\_0814 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.555$  S/m;  $\epsilon_r = 53.563$ ;  $\rho = 1000$  kg/m<sup>3</sup>

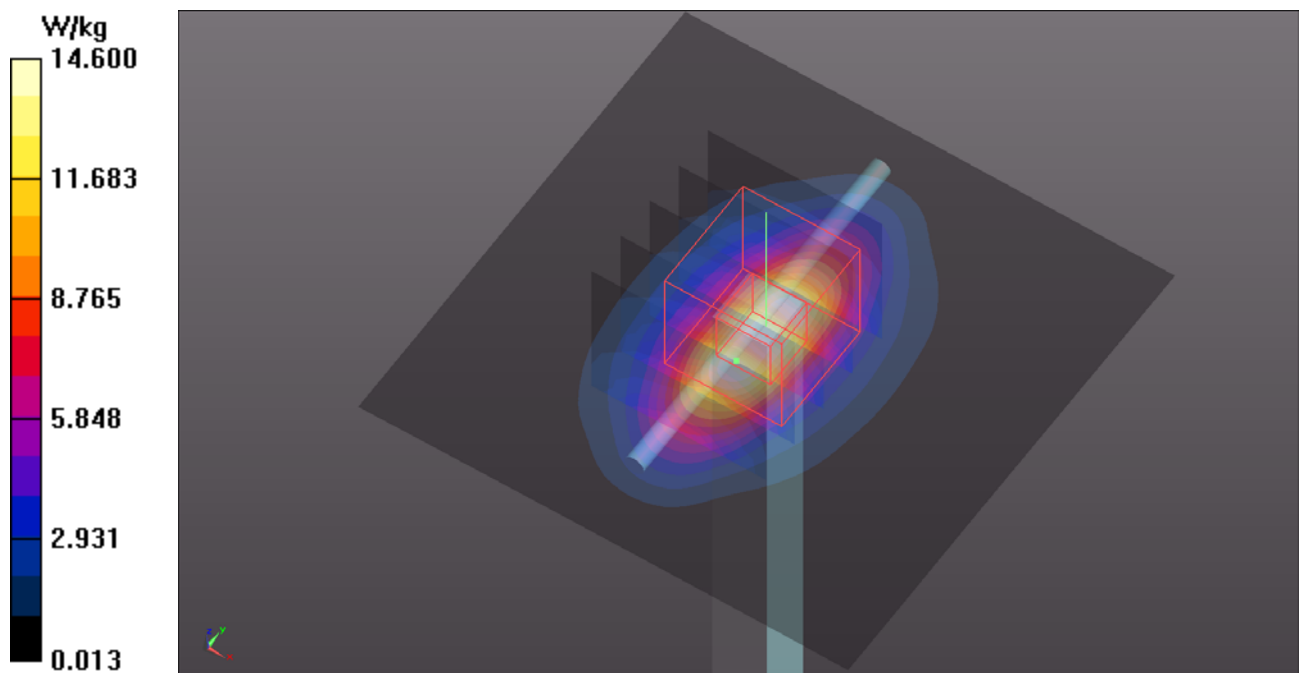
Ambient Temperature : 21.9 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.41, 7.41, 7.41); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Flat Phantom ELI 5.0\_Front; Type: QDOVA001BB; Serial: SN:1204
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 14.6 W/kg

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 98.09 V/m; Power Drift = -0.00 dB  
Peak SAR (extrapolated) = 18.0 W/kg  
**SAR(1 g) = 9.97 W/kg; SAR(10 g) = 5.18 W/kg**  
Maximum value of SAR (measured) = 14.1 W/kg



## System Check\_B2450\_140919

**DUT: Dipole 2450 MHz; Type: D2450V2; SN: 737**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: B24T25N2\_0919 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.97$  S/m;  $\epsilon_r = 51.396$ ;  $\rho = 1000$  kg/m<sup>3</sup>

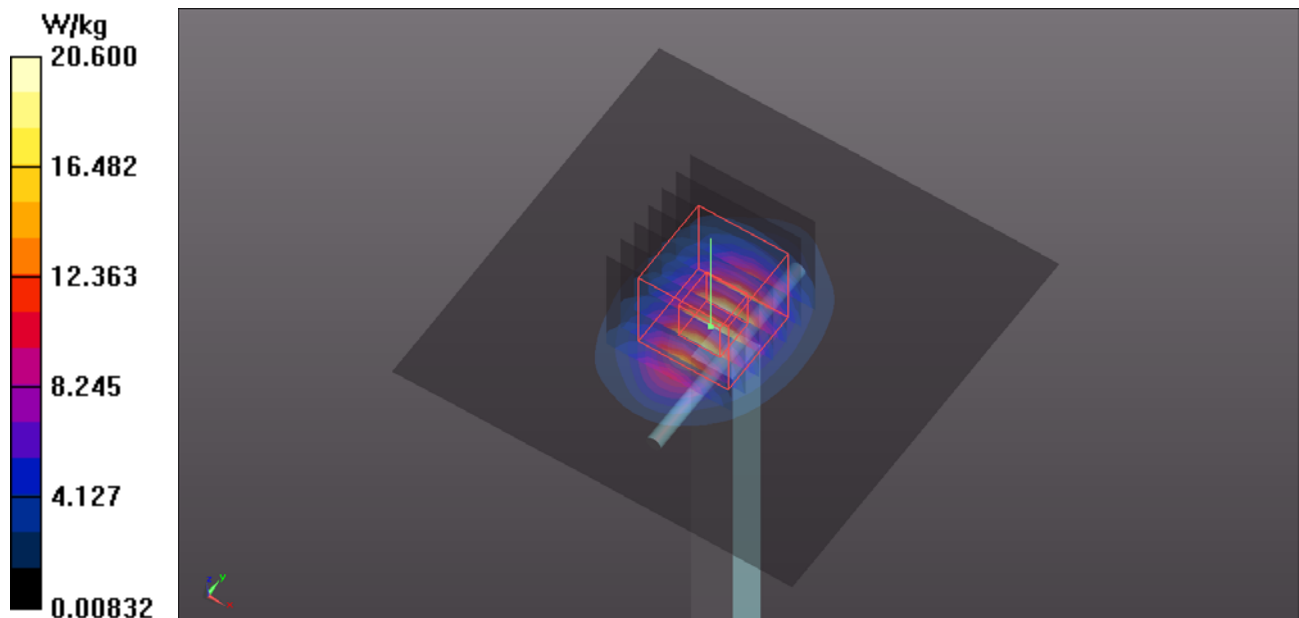
Ambient Temperature : 21.5 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(6.81, 6.81, 6.81); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Flat Phantom ELI 5.0\_Front; Type: QDOVA001BA; Serial: TP:1204
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=250mW/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 20.6 W/kg

**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 101.6 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 27.5 W/kg  
**SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.13 W/kg**  
Maximum value of SAR (measured) = 20.2 W/kg



## System Check\_B2600\_140814

**DUT: Dipole 2600 MHz; Type: D2600V2; SN: 1020**

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: B25T27N1\_0814 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.2$  S/m;  $\epsilon_r = 52.401$ ;  $\rho = 1000$  kg/m<sup>3</sup>

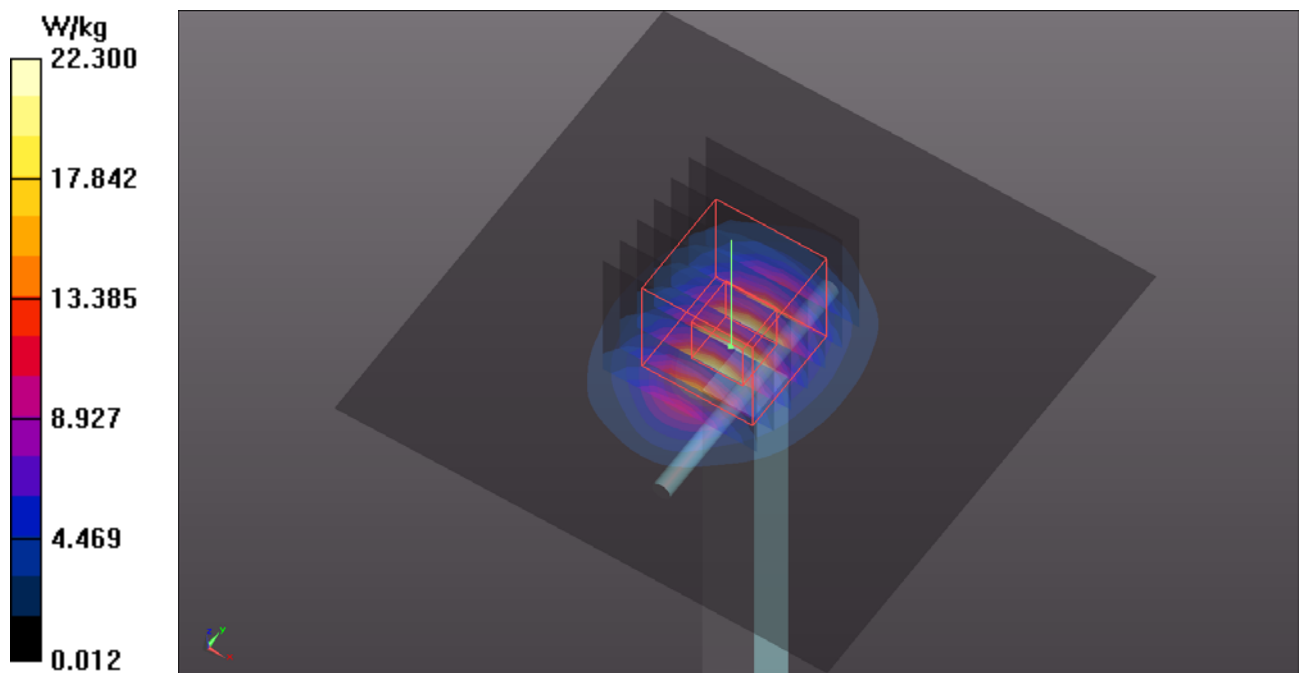
Ambient Temperature : 21.7 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(6.69, 6.69, 6.69); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Flat Phantom ELI 5.0\_Front; Type: QDOVA001BB; Serial: SN:1204
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=250mW/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 22.3 W/kg

**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 99.67 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 31.2 W/kg  
**SAR(1 g) = 14.2 W/kg; SAR(10 g) = 6.28 W/kg**  
Maximum value of SAR (measured) = 22.4 W/kg



## System Check\_B5200\_140915

**DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019**

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: B50T60N3\_0915 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.237$  S/m;  $\epsilon_r = 51.076$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.59, 4.59, 4.59); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: ELI 5.0\_Left; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=100mW/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 15.5 W/kg

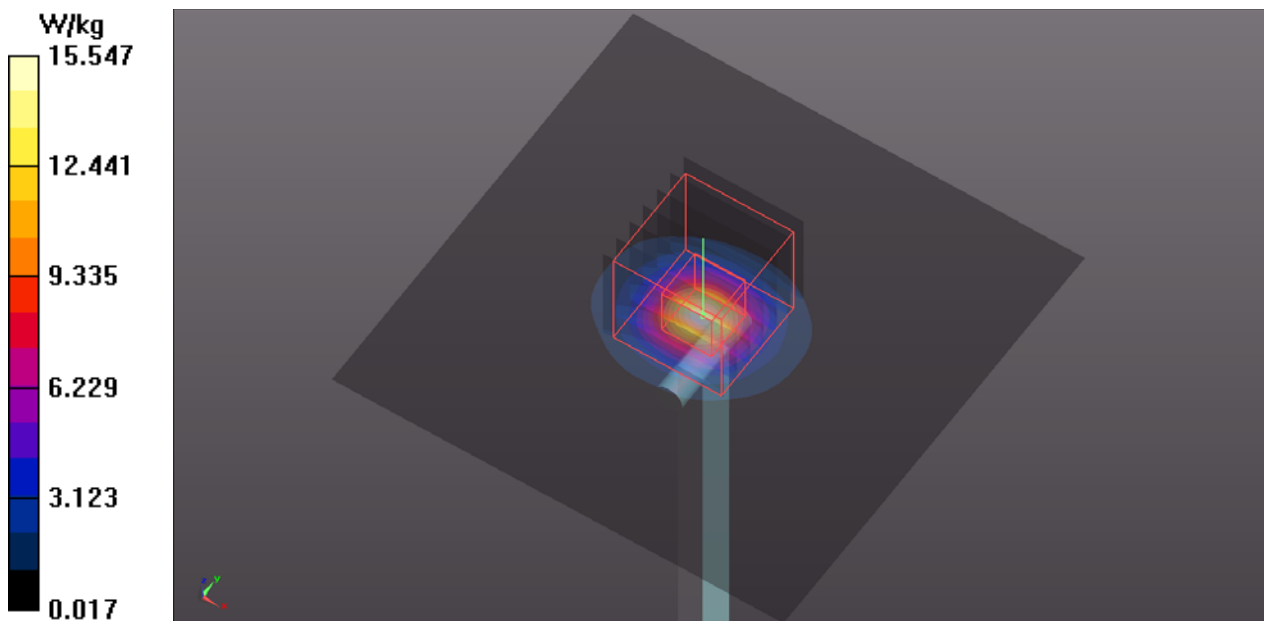
**Pin=100mW/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 58.64 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 28.1 W/kg

**SAR(1 g) = 7.3 W/kg; SAR(10 g) = 2.09 W/kg**

Maximum value of SAR (measured) = 14.9 W/kg



## System Check\_B5300\_140915

**DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019**

Communication System: CW; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: B50T60N3\_0915 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.4$  S/m;  $\epsilon_r = 50.973$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.19, 4.19, 4.19); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: ELI 5.0\_Left; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=100mW/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 15.4 W/kg

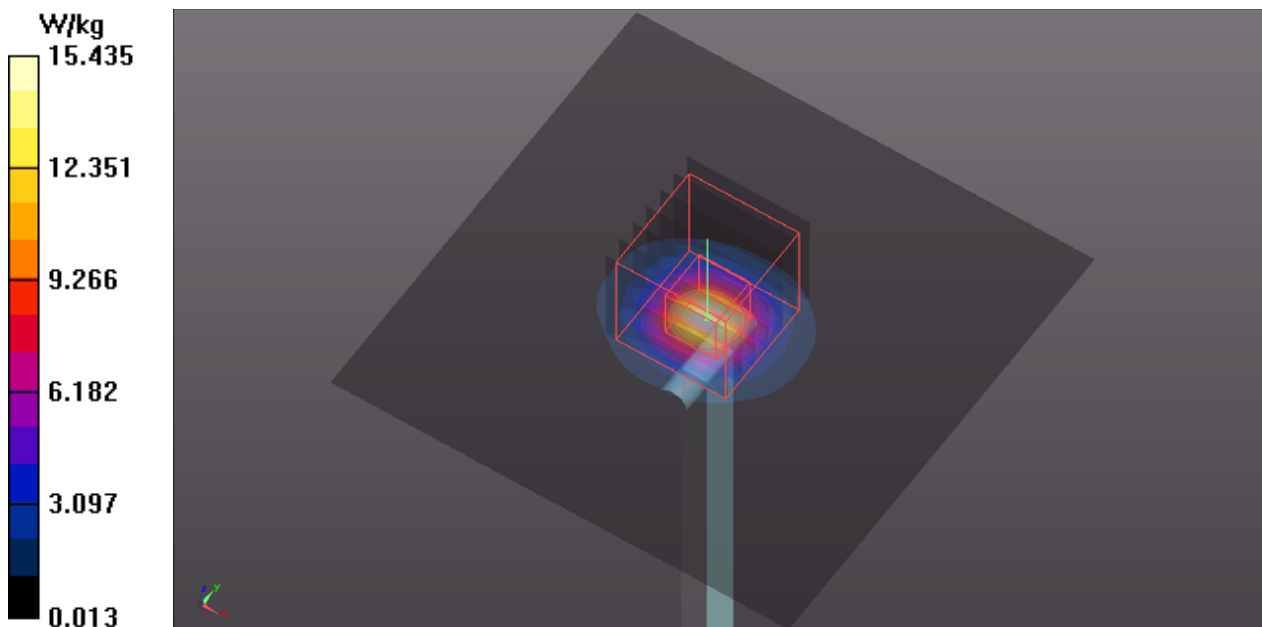
**Pin=100mW/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 58.21 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 29.0 W/kg

**SAR(1 g) = 7.3 W/kg; SAR(10 g) = 2.07 W/kg**

Maximum value of SAR (measured) = 15.2 W/kg





## System Check\_B5600\_140919

**DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019**

Communication System: CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: B50T60N1\_0919 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.903$  S/m;  $\epsilon_r = 46.754$ ;  $\rho = 1000$  kg/m<sup>3</sup>

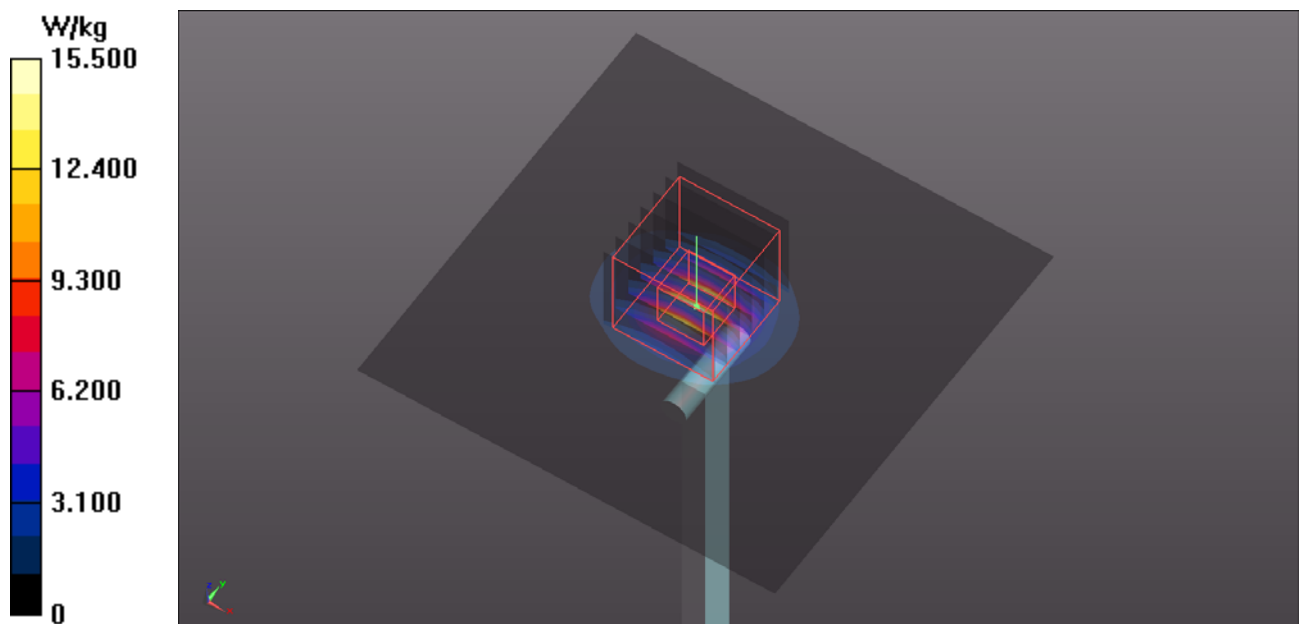
Ambient Temperature : 21.5 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Rtdg<GZ5FX6"/UP5872=EqpxH\*609."609="Ecrkdcvgf<4236I29H: =
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Flat Phantom ELI 5.0\_Front; Type: QDOVA001BA; Serial: TP:1204
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=100mW/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 15.5 W/kg

**Pin=100mW/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 55.40 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 33.3 W/kg  
**SAR(1 g) = 7.74 W/kg; SAR(10 g) = 2.19 W/kg**  
Maximum value of SAR (measured) = 16.4 W/kg



## System Check\_B5800\_140919

**DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019**

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: B50T60N1\_0919 Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.19$  S/m;  $\epsilon_r = 46.373$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.4, 4.4, 4.4); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Flat Phantom ELI 5.0\_Front; Type: QDOVA001BA; Serial: TP:1204
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=100mW/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 15.8 W/kg

**Pin=100mW/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 56.31 V/m; Power Drift = 0.10 dB  
Peak SAR (extrapolated) = 31.7 W/kg  
**SAR(1 g) = 7.74 W/kg; SAR(10 g) = 2.19 W/kg**  
Maximum value of SAR (measured) = 16.6 W/kg

