

## System Check-D750V2\_H750

### DUT: Dipole 750 MHz D750V3 SN:1066

Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: H750 Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.896 \text{ S/m}$ ;  $\epsilon_r = 40.59$ ;  $\rho = 1000 \text{ kg/m}^3$

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(10.04, 10.04, 10.04) @ 750 MHz; Calibrated: 2023/6/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2023/6/26
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

**Pin=250 mW/Area Scan (71x141x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $2.60 \text{ W/kg}$

**Pin=250 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $57.09 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

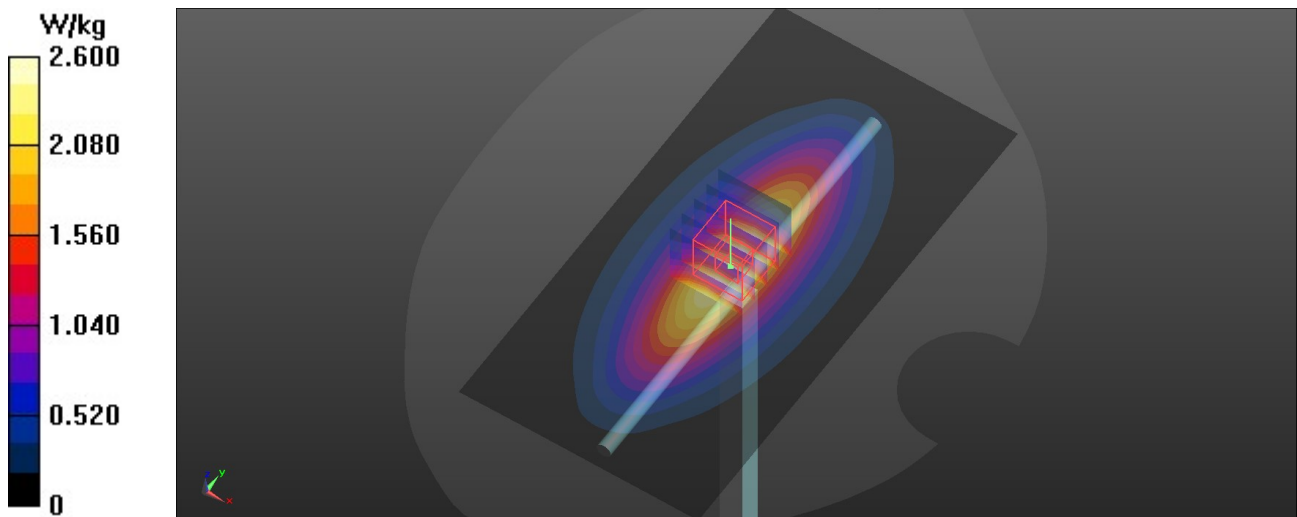
Peak SAR (extrapolated) =  $3.04 \text{ W/kg}$

**SAR(1 g) =  $1.99 \text{ W/kg}$ ; SAR(10 g) =  $1.3 \text{ W/kg}$**

Smallest distance from peaks to all points 3 dB below =  $16 \text{ mm}$

Ratio of SAR at M2 to SAR at M1 =  $65.2\%$

Maximum value of SAR (measured) =  $2.68 \text{ W/kg}$



**System Check-D750V2\_H750****DUT: Dipole 750 MHz D750V3 SN:1109**

Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: H750 Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.89 \text{ S/m}$ ;  $\epsilon_r = 43.4$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(10.04, 10.04, 10.04) @ 750 MHz; Calibrated: 2023/6/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2023/6/26
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

**Pin=250 mW/Area Scan (71x141x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $2.78 \text{ W/kg}$

**Pin=250 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $58.80 \text{ V/m}$ ; Power Drift =  $0.02 \text{ dB}$

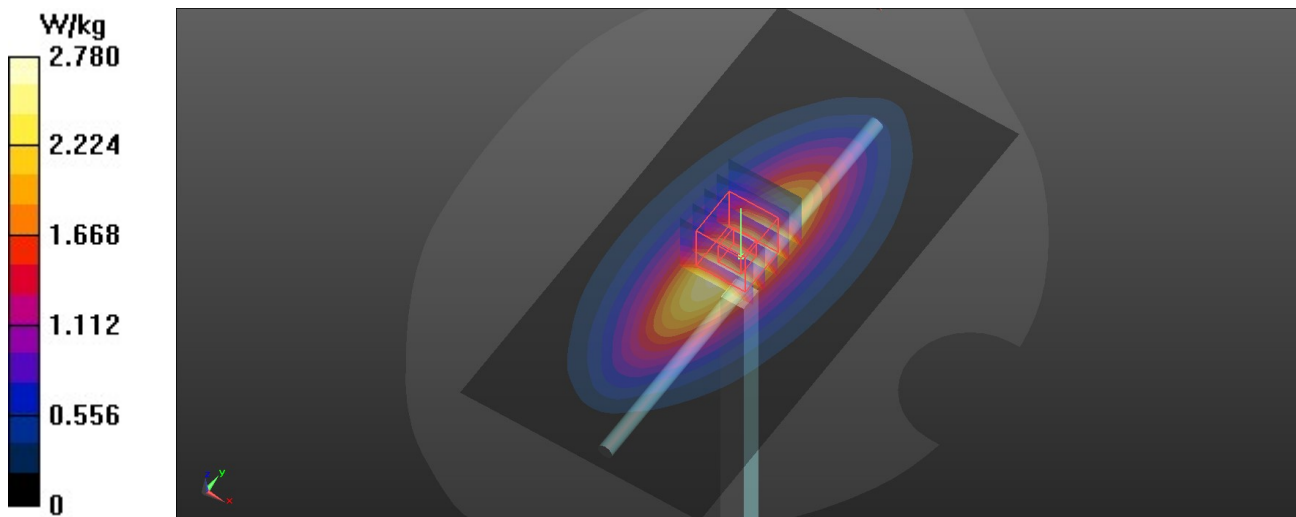
Peak SAR (extrapolated) =  $3.23 \text{ W/kg}$

**SAR(1 g) =  $2.13 \text{ W/kg}$ ; SAR(10 g) =  $1.4 \text{ W/kg}$**

Smallest distance from peaks to all points 3 dB below =  $16.3 \text{ mm}$

Ratio of SAR at M2 to SAR at M1 =  $65.9\%$

Maximum value of SAR (measured) =  $2.85 \text{ W/kg}$



## System Check-D835V2\_H835

### DUT: Dipole 835 MHz D835V2 SN:4d005

Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: H835 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.894$  S/m;  $\epsilon_r = 40.965$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(9.5, 9.5, 9.5) @ 835 MHz; Calibrated: 2023/6/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2023/6/26
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

**Pin=250 mW/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.37 W/kg

**Pin=250 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 63.85 V/m; Power Drift = -0.05 dB

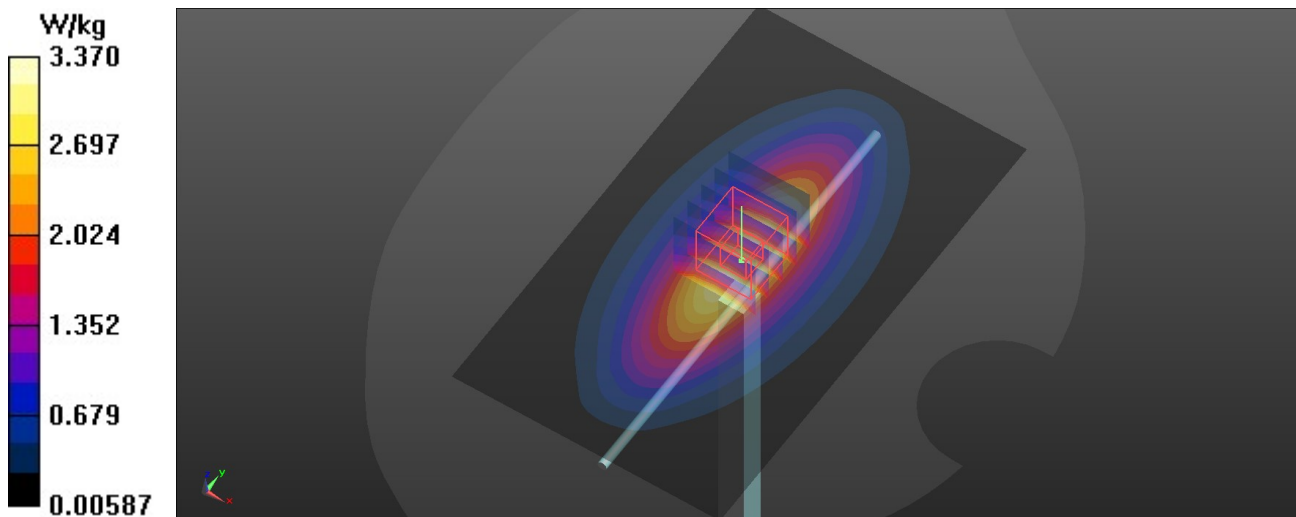
Peak SAR (extrapolated) = 4.03 W/kg

**SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.57 W/kg**

Smallest distance from peaks to all points 3 dB below = 16 mm

Ratio of SAR at M2 to SAR at M1 = 61.3%

Maximum value of SAR (measured) = 3.43 W/kg



## System Check-D1900V2\_H1900

### DUT: Dipole 1900 MHz D1900V2 SN:509

Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1

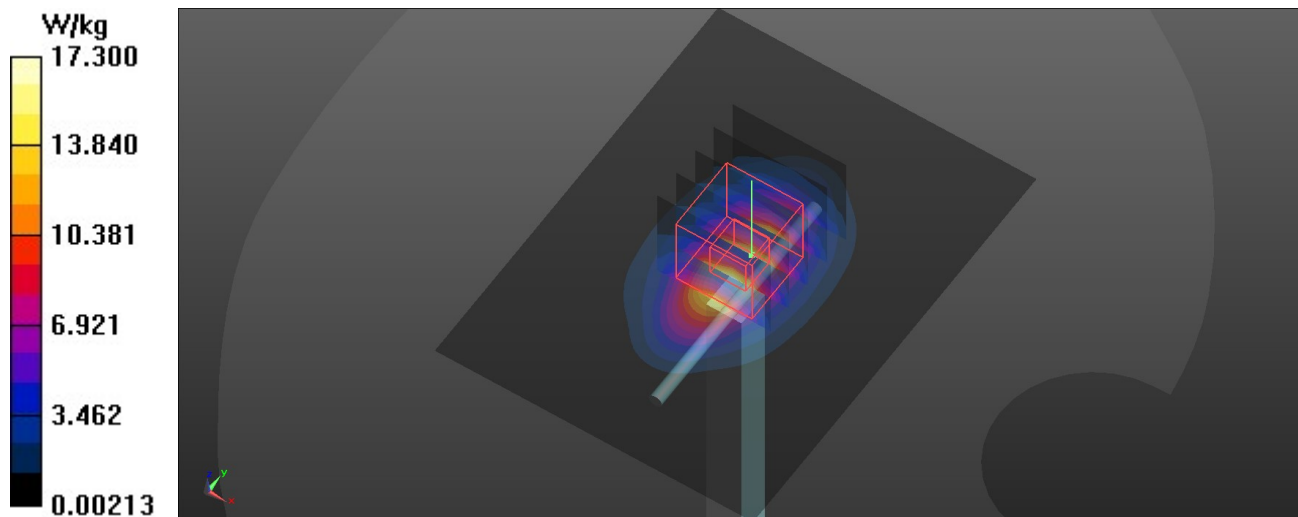
Medium: H1900 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.448$  S/m;  $\epsilon_r = 39.934$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.8, 7.8, 7.8) @ 1900 MHz; Calibrated: 2023/6/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2023/6/26
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

**Pin=250 mW/Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 17.3 W/kg

**Pin=250 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 111.7 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 20.8 W/kg  
**SAR(1 g) = 10.6 W/kg; SAR(10 g) = 5.28 W/kg**  
Smallest distance from peaks to all points 3 dB below = 9.6 mm  
Ratio of SAR at M2 to SAR at M1 = 51.7%  
Maximum value of SAR (measured) = 16.7 W/kg



## System Check\_H835\_24dBm

### DUT: Dipole 835 MHz

Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: H835 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.911$  S/m;  $\epsilon_r = 41.129$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY4 Configuration:

- Probe: EX3DV4 - SN7624; ConvF(10.19, 10.19, 10.19) @ 835 MHz; Calibrated: 2023/9/6
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn549; Calibrated: 2024/1/23
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

**System Check/Area Scan (51x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.95 W/kg

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

Reference Value = 57.51 V/m; Power Drift = -0.03 dB

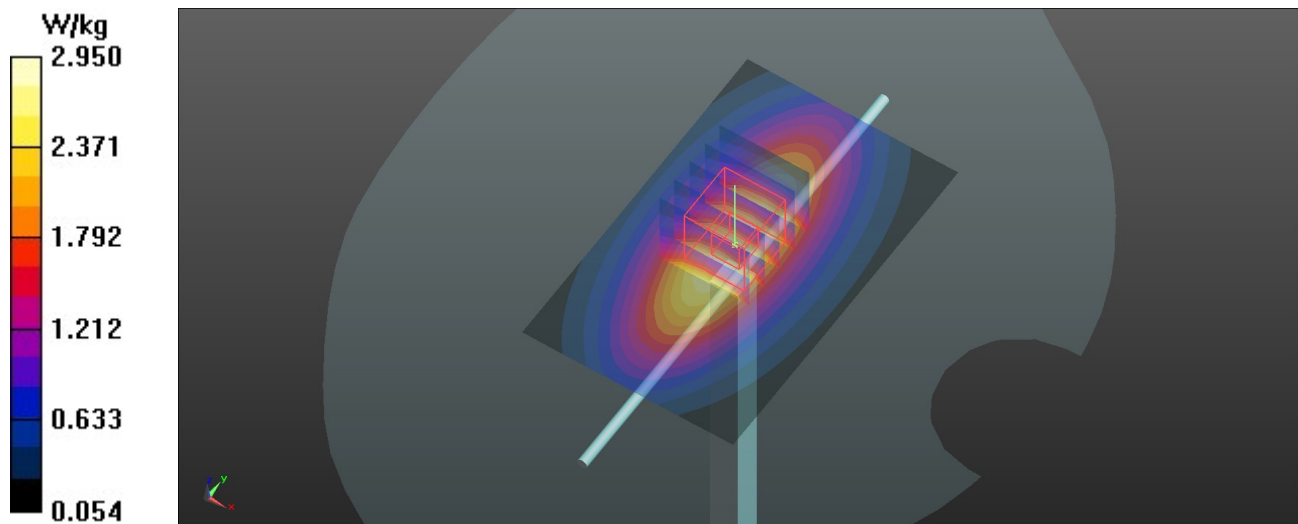
Peak SAR (extrapolated) = 3.74 W/kg

**SAR(1 g) = 2.53 W/kg; SAR(10 g) = 1.67 W/kg**

Smallest distance from peaks to all points 3 dB below = 21.5 mm

Ratio of SAR at M2 to SAR at M1 = 67.5%

Maximum value of SAR (measured) = 2.96 W/kg



## System Check\_H1750\_24dBm

### DUT: Dipole 1750 MHz

Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: H1750 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.366$  S/m;  $\epsilon_r = 39.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY4 Configuration:

- Probe: EX3DV4 - SN7624; ConvF(8.66, 8.66, 8.66) @ 1750 MHz; Calibrated: 2023/9/6
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn549; Calibrated: 2024/1/23
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

**System check/Area Scan (51x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.6 W/kg

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

Reference Value = 72.14 V/m; Power Drift = 0.17 dB

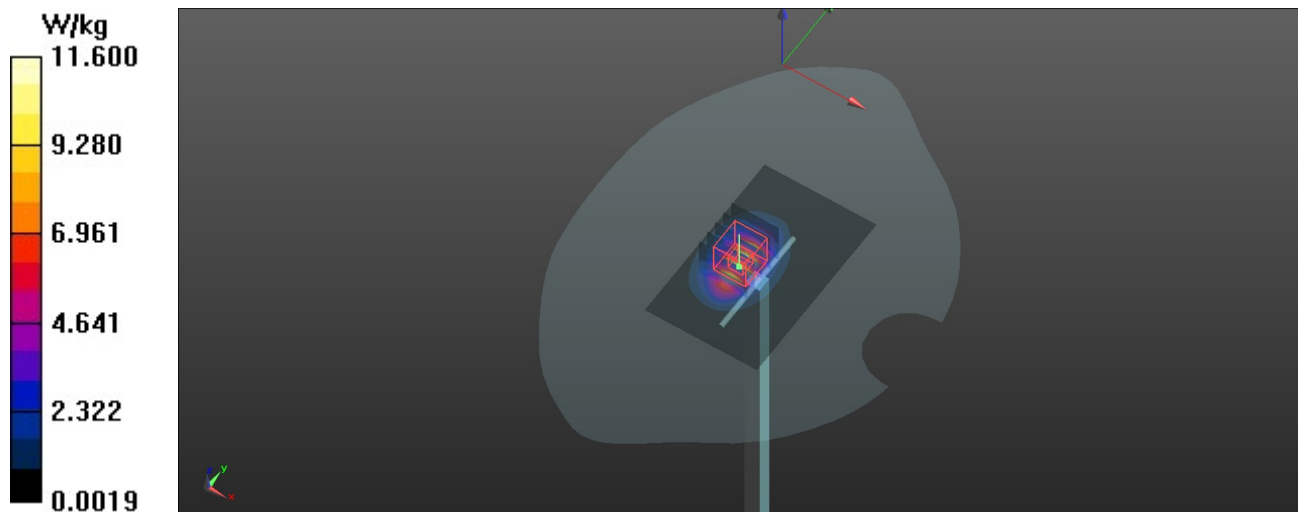
Peak SAR (extrapolated) = 16.7 W/kg

**SAR(1 g) = 8.97 W/kg; SAR(10 g) = 4.6 W/kg**

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 53.6%

Maximum value of SAR (measured) = 11.3 W/kg



## System Check\_H1900\_24dBm

### DUT: Dipole 1900 MHz

Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: H1900 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.342$  S/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY4 Configuration:

- Probe: EX3DV4 - SN7624; ConvF(8.35, 8.35, 8.35) @ 1900 MHz; Calibrated: 2023/9/6
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn549; Calibrated: 2024/1/23
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

**System check/Area Scan (51x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.1 W/kg

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

Reference Value = 74.21 V/m; Power Drift = 0.17 dB

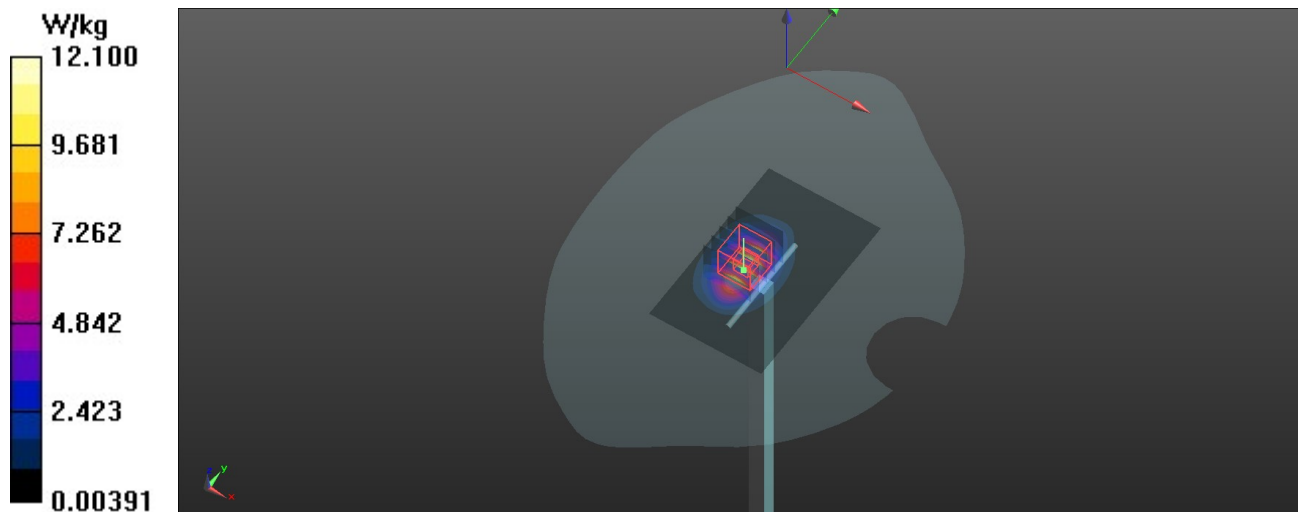
Peak SAR (extrapolated) = 17.5 W/kg

**SAR(1 g) = 9.36 W/kg; SAR(10 g) = 4.8 W/kg**

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 53.4%

Maximum value of SAR (measured) = 11.8 W/kg



## System Check\_H2450\_24dBm

### DUT: Dipole 2450 MHz

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: H2450 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.874$  S/m;  $\epsilon_r = 40.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY4 Configuration:

- Probe: EX3DV4 - SN7624; ConvF(7.85, 7.85, 7.85) @ 2450 MHz; Calibrated: 2023/9/6
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn549; Calibrated: 2024/1/23
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

**System check/Area Scan (61x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 19.6 W/kg

**System check/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 95.70 V/m; Power Drift = 0.08 dB

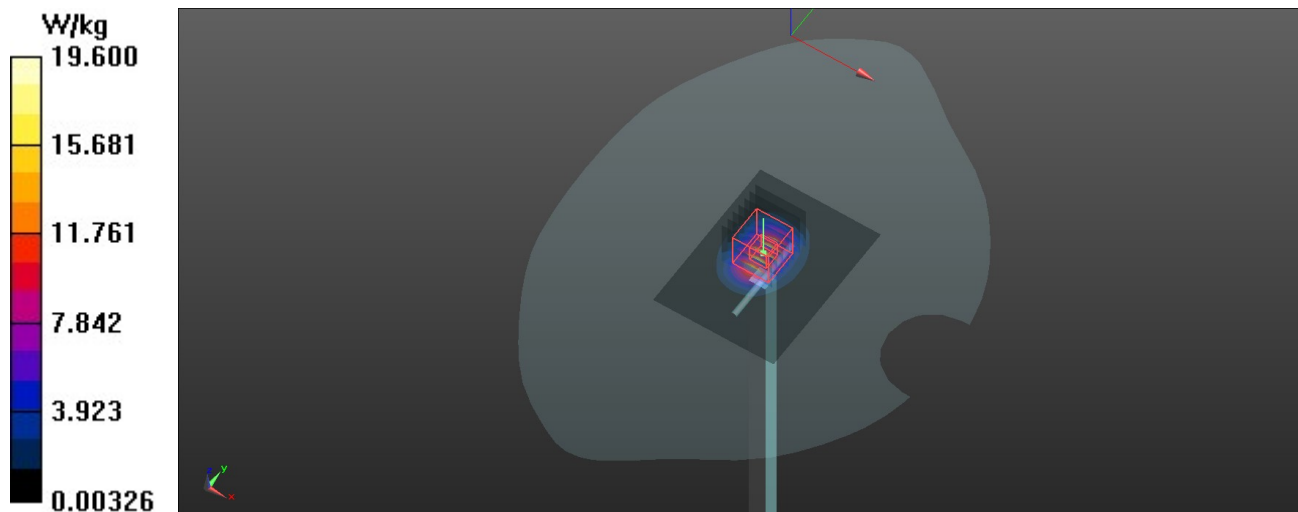
Peak SAR (extrapolated) = 29.1 W/kg

**SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.24 W/kg**

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 47.6%

Maximum value of SAR (measured) = 18.2 W/kg



## System Check\_H2600\_24dBm

### DUT: Dipole 2600 MHz

Communication System: UID 0, CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: H2600 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.054$  S/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY4 Configuration:

- Probe: EX3DV4 - SN7624; ConvF(7.66, 7.66, 7.66) @ 2600 MHz; Calibrated: 2023/9/6
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn549; Calibrated: 2024/1/23
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

**System check/Area Scan (61x81x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 21.2 W/kg

**System check/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 95.10 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 32.5 W/kg

**SAR(1 g) = 14.4 W/kg; SAR(10 g) = 6.29 W/kg**

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 45%

Maximum value of SAR (measured) = 19.4 W/kg

