

## System Check\_H2450

**DUT: Dipole 2450 MHz; Type:D2450V2; SN:835**

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

Medium: H2450\_1223 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.79$  S/m;  $\epsilon_r = 40.105$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(8.06, 8.06, 8.06); Calibrated: 2021/3/30;

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1418; Calibrated: 2021/3/11

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231

- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Pin=250mW/Area Scan (41x51x1):** Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 25.4 W/kg

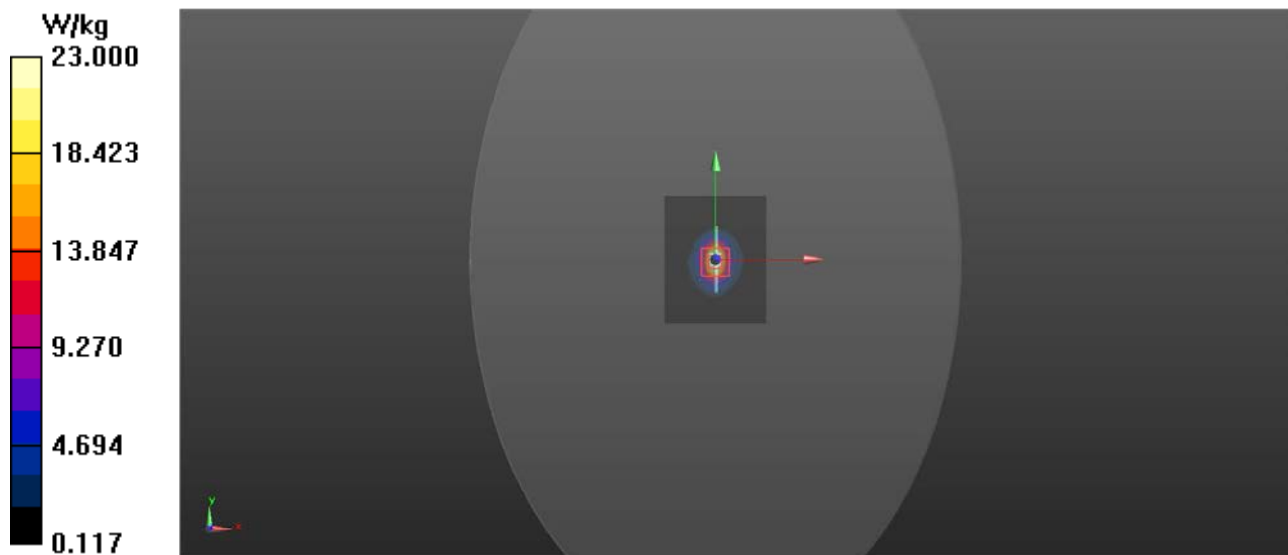
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 114.7 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 30.4 W/kg

**SAR(1 g) = 13.14 W/kg; SAR(10 g) = 6.20 W/kg**

Maximum value of SAR (measured) = 23.0 W/kg



## System Check\_H5200

**DUT: Dipole 5GHzV2;Type:D5GHzV2; SN:1040**

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

Medium: H5G\_0119 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.688$  S/m;  $\epsilon_r = 36.999$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 22.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(5.85, 5.85, 5.85); Calibrated: 2021/3/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2021/3/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 22.2 W/kg

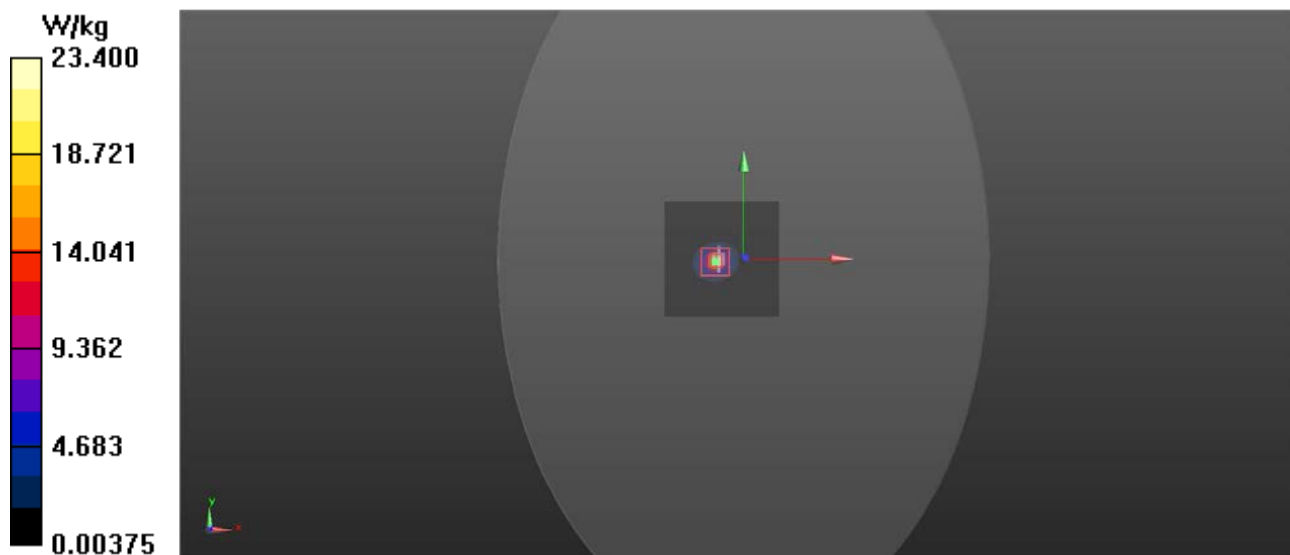
**Pin=100mW/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 57.229 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 37.6 W/kg

**SAR(1 g) = 7.89 W/kg; SAR(10 g) = 2.23 W/kg**

Maximum value of SAR (measured) = 23.4 W/kg



## System Check\_H5800

**DUT: Dipole 5GHzV2;Type:D5GHzV2; SN:1040**

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

Medium: H5G\_0119 Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.415$  S/m;  $\epsilon_r = 35.658$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(5.2, 5.2, 5.2); Calibrated: 2021/3/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2021/3/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 20.6 W/kg

**Pin=100mW/Zoom Scan (7x7x5)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 50.784 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 35.0 W/kg

**SAR(1 g) = 8.09 W/kg; SAR(10 g) = 2.28 W/kg**

Maximum value of SAR (measured) = 21.5 W/kg

