# System Check_Head_835MHz_131104

**DUT: D835V2-SN:499**

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_850_131104 Medium parameters used: f = 835 MHz; σ = 0.881 S/m; $\varepsilon_r$ = 42.165; ρ = 1000 kg/m$^3$
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(9.87, 9.87, 9.87); Calibrated: 2013/6/12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.07 W/kg
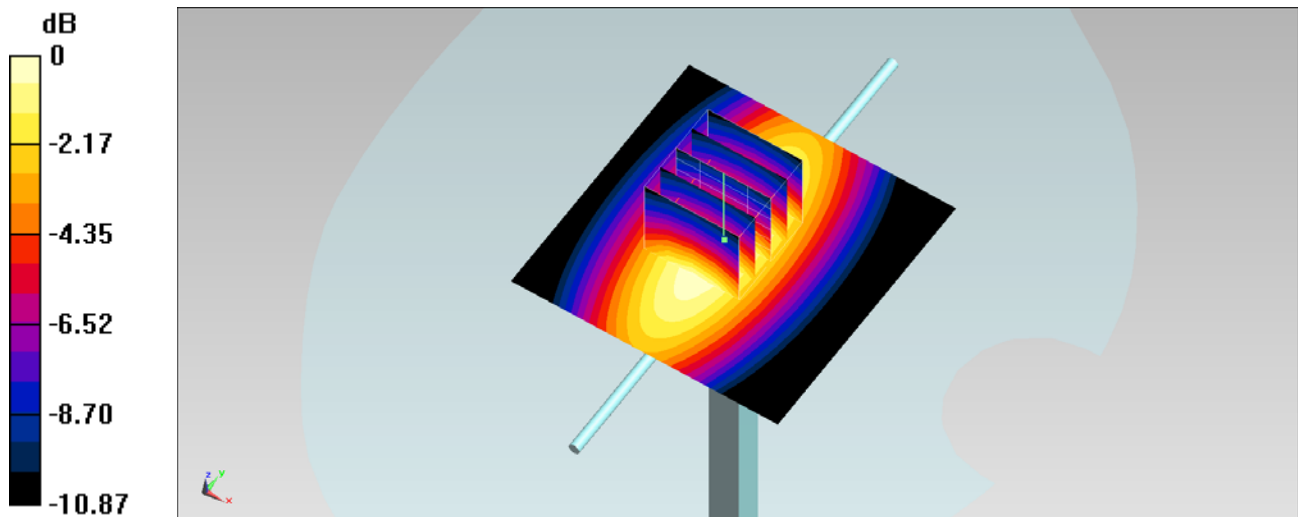
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 59.686 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 3.63 W/kg
**SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.59 W/kg**
Maximum value of SAR (measured) = 3.07 W/kg



0 dB = 3.07 W/kg = 4.87 dBW/kg

## System Check_Head_835MHz_131108

**DUT: D835V2-SN:499**

Communication System:  CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_850_131108 Medium parameters used: f = 835 MHz; σ = 0.895 S/m; ε$_r$ = 41.661; ρ = 1000 kg/m$^3$
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.18, 6.18, 6.18); Calibrated: 2013/9/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
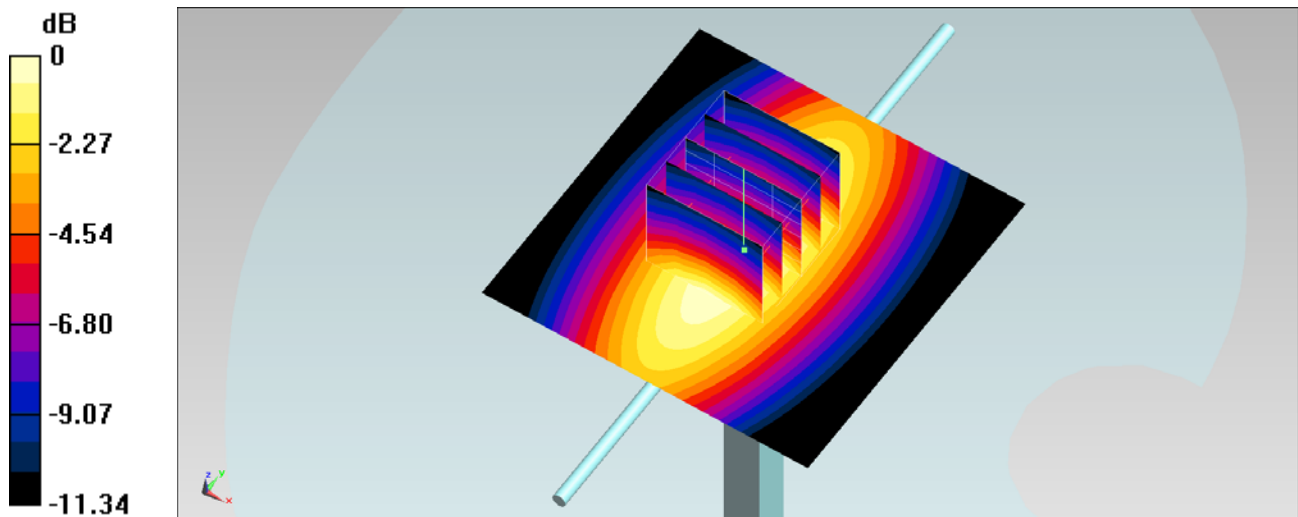Maximum value of SAR (interpolated) = 2.77 W/kg

**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 57.287 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 3.49 W/kg
**SAR(1 g) = 2.34 W/kg; SAR(10 g) = 1.51 W/kg**
Maximum value of SAR (measured) = 2.74 W/kg



0 dB = 2.74 W/kg = 4.38 dBW/kg

## System Check_Body_835MHz_131103

**DUT: D835V2-SN:499**

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_131103 Medium parameters used: f = 835 MHz; σ = 0.985 S/m; $\varepsilon_r$ = 54.535; ρ = 1000 kg/m$^3$
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(10.02, 10.02, 10.02); Calibrated: 2013/6/12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
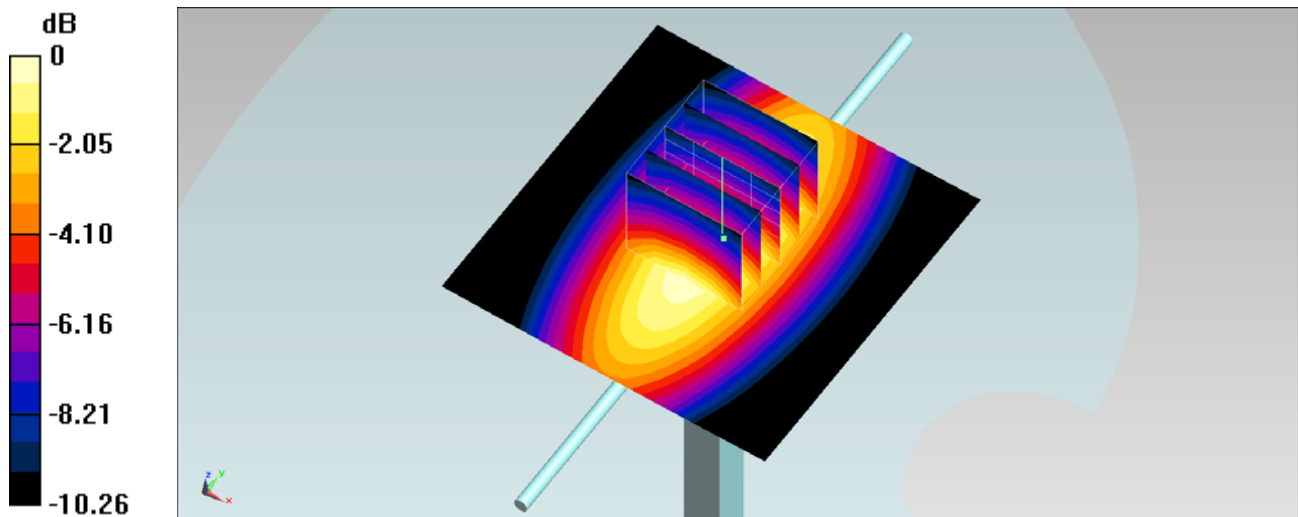Maximum value of SAR (interpolated) = 2.86 W/kg

**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 55.010 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.33 W/kg
**SAR(1 g) = 2.28 W/kg; SAR(10 g) = 1.51 W/kg**
Maximum value of SAR (measured) = 2.86 W/kg



0 dB = 2.86 W/kg = 4.56 dBW/kg

## System Check_Body_835MHz_131107

**DUT: D835V2-SN:499**

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_131107 Medium parameters used: f = 835 MHz; $\sigma$ = 0.955 S/m; $\varepsilon_r$ = 52.69; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.7 ℃；Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.08, 6.08, 6.08); Calibrated: 2013/9/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
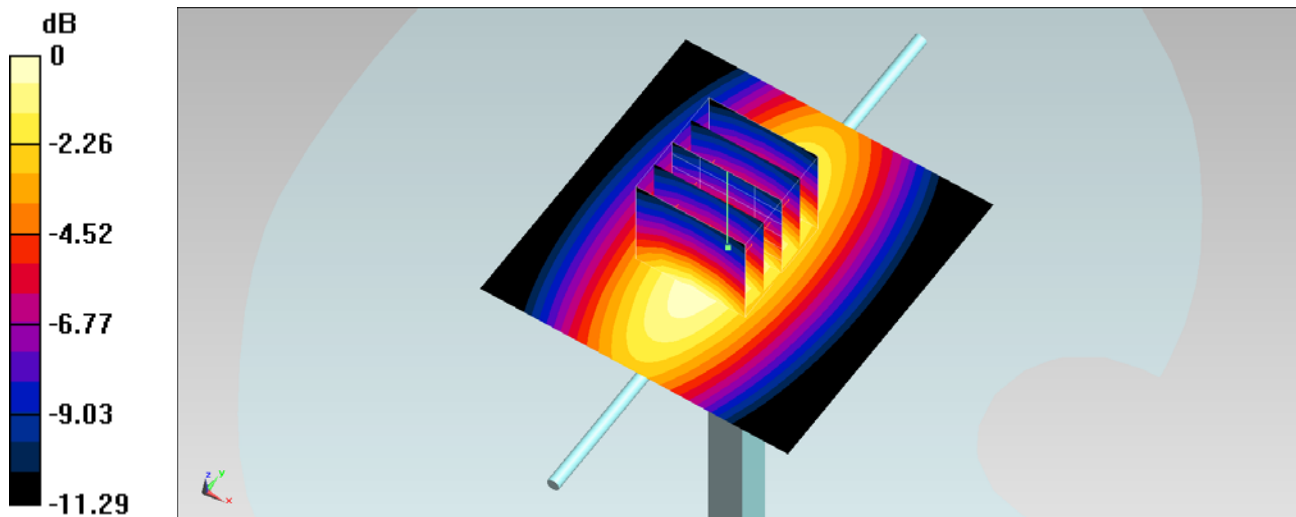Maximum value of SAR (interpolated) = 3.05 W/kg

**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 58.475 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 3.83 W/kg
**SAR(1 g) = 2.59 W/kg; SAR(10 g) = 1.67 W/kg**
Maximum value of SAR (measured) = 3.02 W/kg



0 dB = 3.02 W/kg = 4.80 dBW/kg

## System Check_Head_1900MHz_131103

### DUT: D1900V2-SN:5d041

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_131103 Medium parameters used: f = 1900 MHz; σ = 1.396 S/m; $\varepsilon_r$ = 41.74; ρ = 1000 kg/m³
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(8.13, 8.13, 8.13); Calibrated: 2013/6/12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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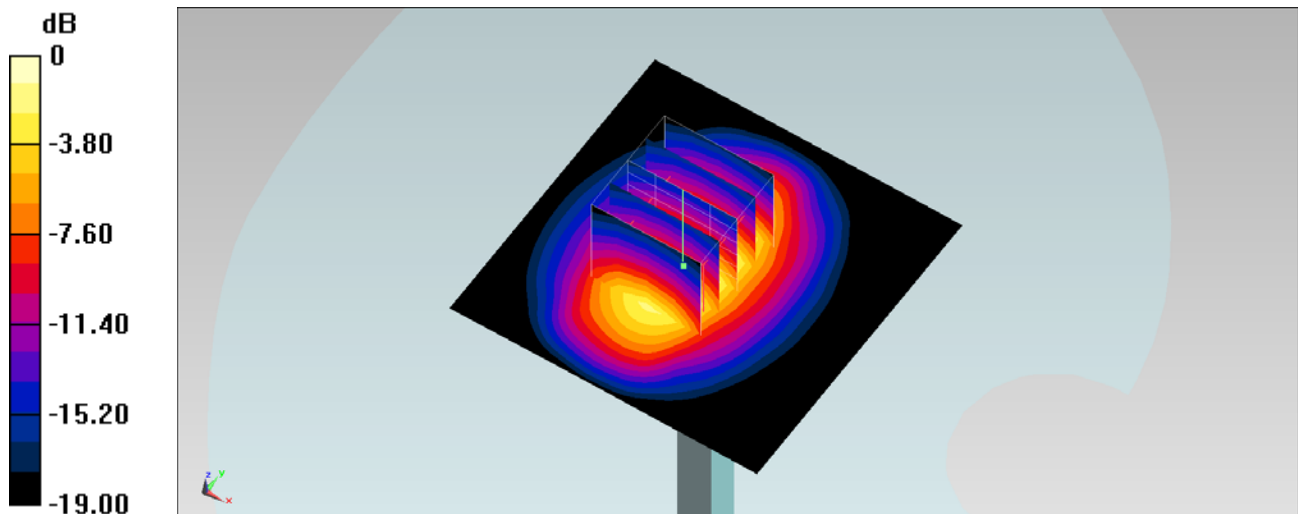Maximum value of SAR (interpolated) = 14.6 W/kg

**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 99.138 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 19.2 W/kg
**SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.14 W/kg**
Maximum value of SAR (measured) = 14.6 W/kg



0 dB = 14.6 W/kg = 11.64 dBW/kg

## System Check_Body_1900MHz_131103

### DUT: D1900V2-SN:5d041

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131103 Medium parameters used: f = 1900 MHz; $\sigma$ = 1.523 S/m; $\varepsilon_r$ = 54.798; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(7.91, 7.91, 7.91); Calibrated: 2013/6/12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
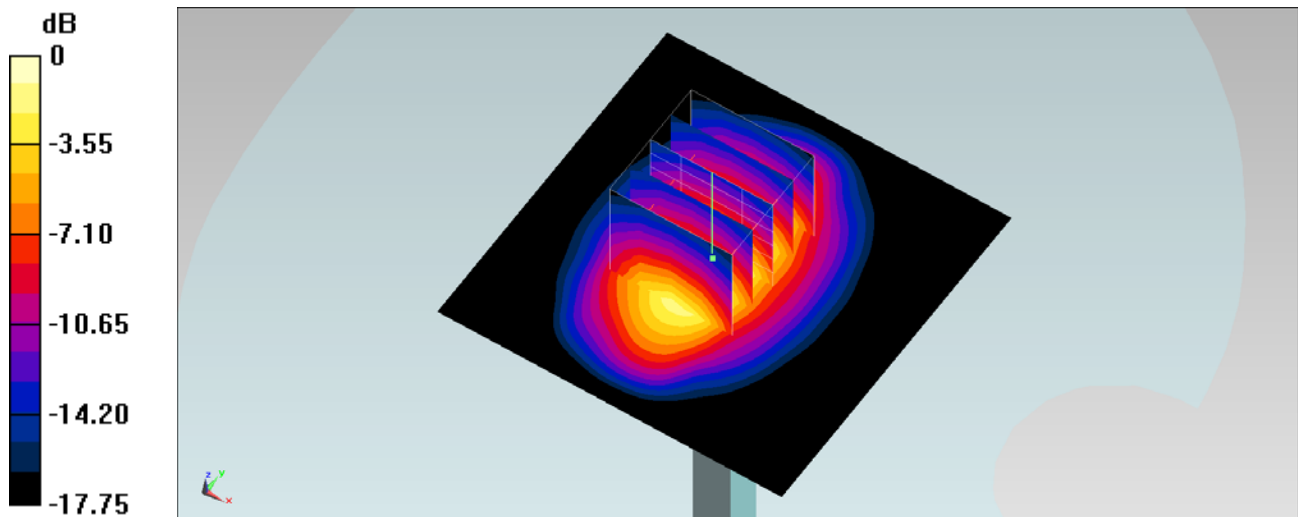Maximum value of SAR (interpolated) = 13.9 W/kg

**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 95.283 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 17.6 W/kg
**SAR(1 g) = 9.97 W/kg; SAR(10 g) = 5.23 W/kg**
Maximum value of SAR (measured) = 14.0 W/kg



0 dB = 14.0 W/kg = 11.46 dBW/kg

## System Check_Head_2450MHz_131120

**DUT: D2450V2-SN:736**

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_131120 Medium parameters used: f = 2450 MHz; σ = 1.85 mho/m; $\varepsilon_r$ = 39.3; ρ = 1000 kg/m$^3$

Ambient Temperature：23.4 ℃；Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.43, 7.43, 7.43); Calibrated: 2013/11/4
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/11/5
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm
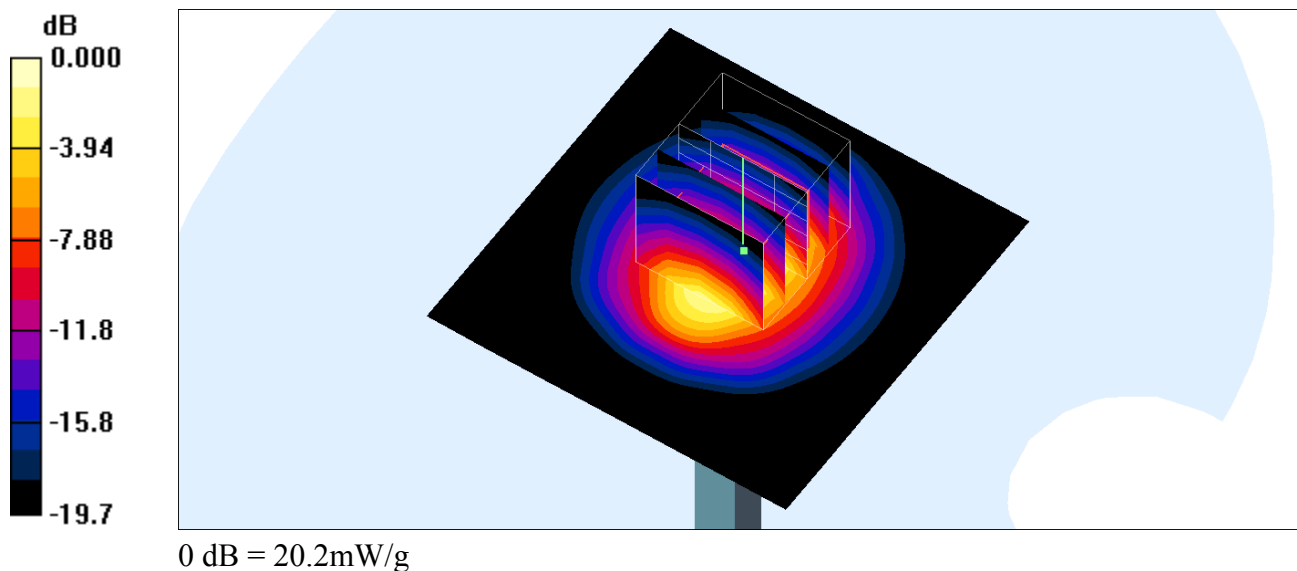Maximum value of SAR (interpolated) = 23.0 mW/g

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 107.1 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 29.2 W/kg
**SAR(1 g) = 13.7 mW/g; SAR(10 g) = 6.26 mW/g**
Maximum value of SAR (measured) = 20.2 mW/g



0 dB = 20.2mW/g

## System Check_Body_2450MHz_131120

### DUT: D2450V2-SN:736

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_131120 Medium parameters used: f = 2450 MHz; σ = 1.92 mho/m; $\varepsilon_r$ = 53.2; ρ = 1000

kg/m$^3$
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.32, 7.32, 7.32); Calibrated: 2013/11/4
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/11/5
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186


**Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=12mm, dy=12mm
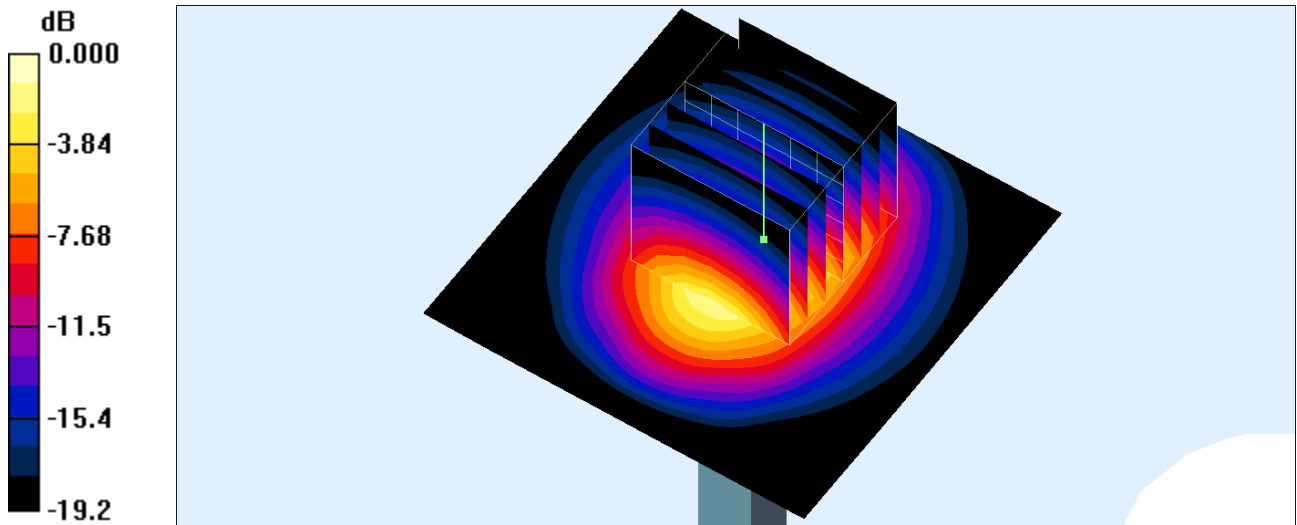Maximum value of SAR (interpolated) = 22.1 mW/g

**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 103.7 V/m; Power Drift = 0.042 dB
Peak SAR (extrapolated) = 28.4 W/kg
**SAR(1 g) = 13.3 mW/g; SAR(10 g) = 6.05 mW/g**
Maximum value of SAR (measured) = 20.4 mW/g



0 dB = 20.4mW/g