

## System Check\_Head\_900MHz

### DUT: D900V2-1d165

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: HSL\_900\_220111 Medium parameters used:  $f = 900$  MHz;  $\sigma = 0.954$  S/m;  $\epsilon_r = 42.256$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(9.83, 9.83, 9.83) @ 900 MHz; Calibrated: 2021/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: ELI v4.0\_Right; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.796 W/kg

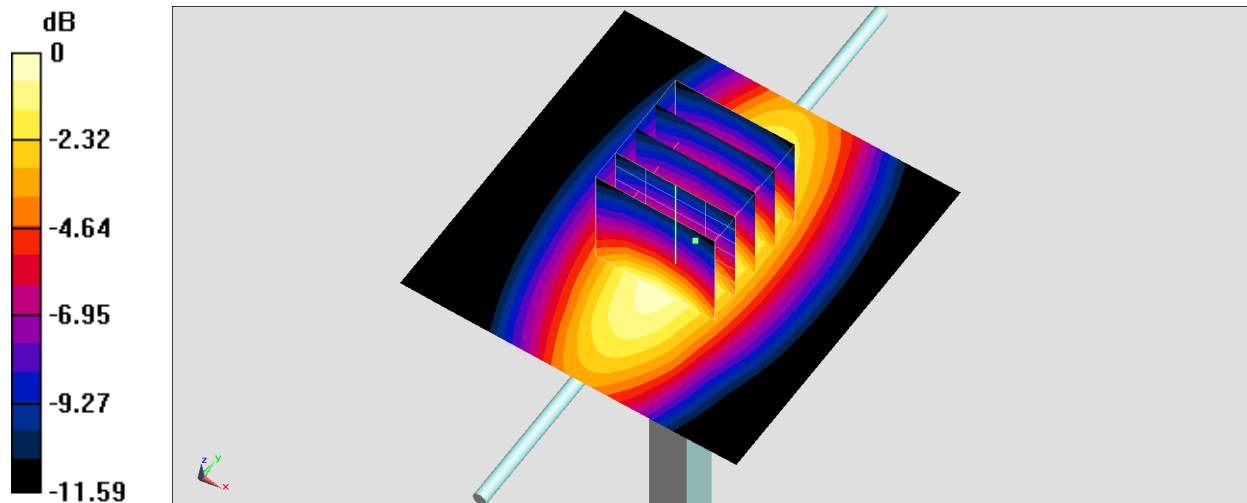
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.46 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.914 W/kg

**SAR(1 g) = 0.587 W/kg; SAR(10 g) = 0.370 W/kg**

Maximum value of SAR (measured) = 0.797 W/kg



0 dB = 0.797 W/kg = -0.99 dBW/kg

## System Check\_Head\_900MHz

### DUT: D900V2-190

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: HSL\_900\_220222 Medium parameters used:  $f = 900$  MHz;  $\sigma = 0.958$  S/m;  $\epsilon_r = 43.165$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.03, 10.03, 10.03) @ 900 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2021/5/21
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.689 W/kg

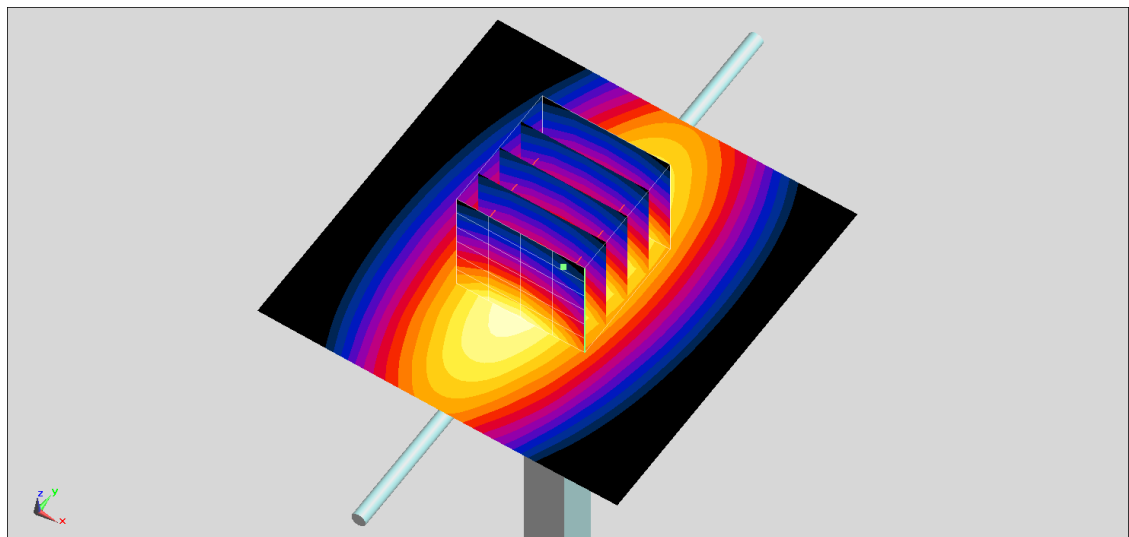
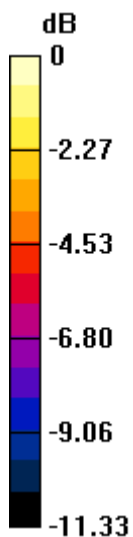
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.01 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.767 W/kg

**SAR(1 g) = 0.499 W/kg; SAR(10 g) = 0.321 W/kg**

Maximum value of SAR (measured) = 0.676 W/kg



0 dB = 0.676 W/kg = -1.70 dBW/kg