

## 20191120\_SystemPerformanceCheck-D900V2 SN 1d143

Frequency: 900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 900$  MHz;  $\sigma = 0.971$  S/m;  $\epsilon_r = 42.88$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1544; Calibrated: 3/19/2019
- Probe: EX3DV4 - SN3990; ConvF(9.67, 9.67, 9.67) @ 900 MHz; Calibrated: 8/28/2019
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI B v5.0; Type: QD OVA 002 AA; Serial: 1216

**Body/Pin=100 mW/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.29 W/kg

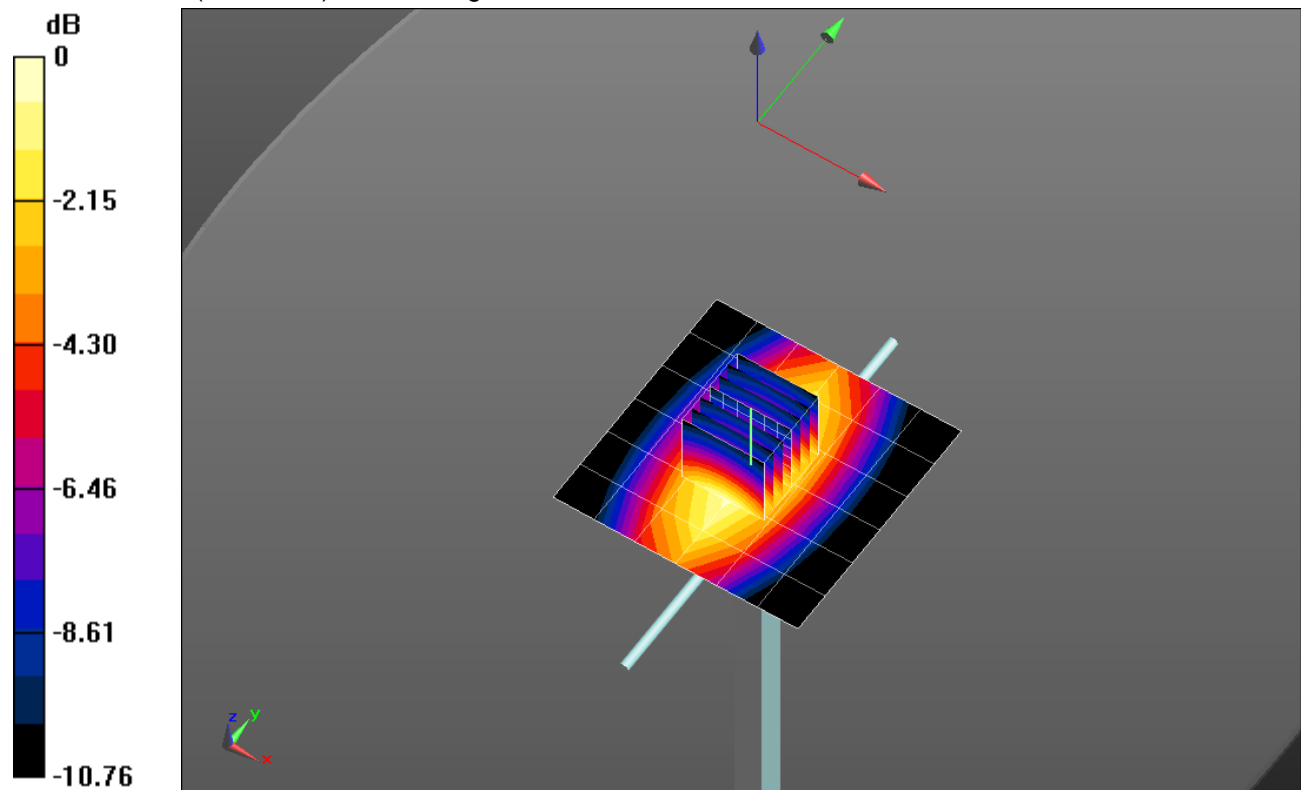
**Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 37.04 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.60 W/kg

**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.689 W/kg**

Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30 W/kg = 1.14 dBW/kg

### 20191120\_SystemPerformanceCheck-D900V2 SN 1d143

Frequency: 900 MHz; Duty Cycle: 1:1

**Body/Pin=100 mW/Z Scan (1x1x28):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Penetration depth = 12.91 (12.18, 13.45) [mm]

Maximum value of SAR (interpolated) = 1.57 W/kg

