

20171027 SystemPerformanceCheck-D900V2 SN 1d118

Frequency: 900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 1.098 \text{ S/m}$; $\epsilon_r = 54.059$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1359; Calibrated: 2/10/2017
- Probe: EX3DV4 - SN7356; ConvF(10.85, 10.85, 10.85); Calibrated: 4/21/2017;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Base Station Phantom Child

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

Maximum value of SAR (measured) = 1.21 W/kg

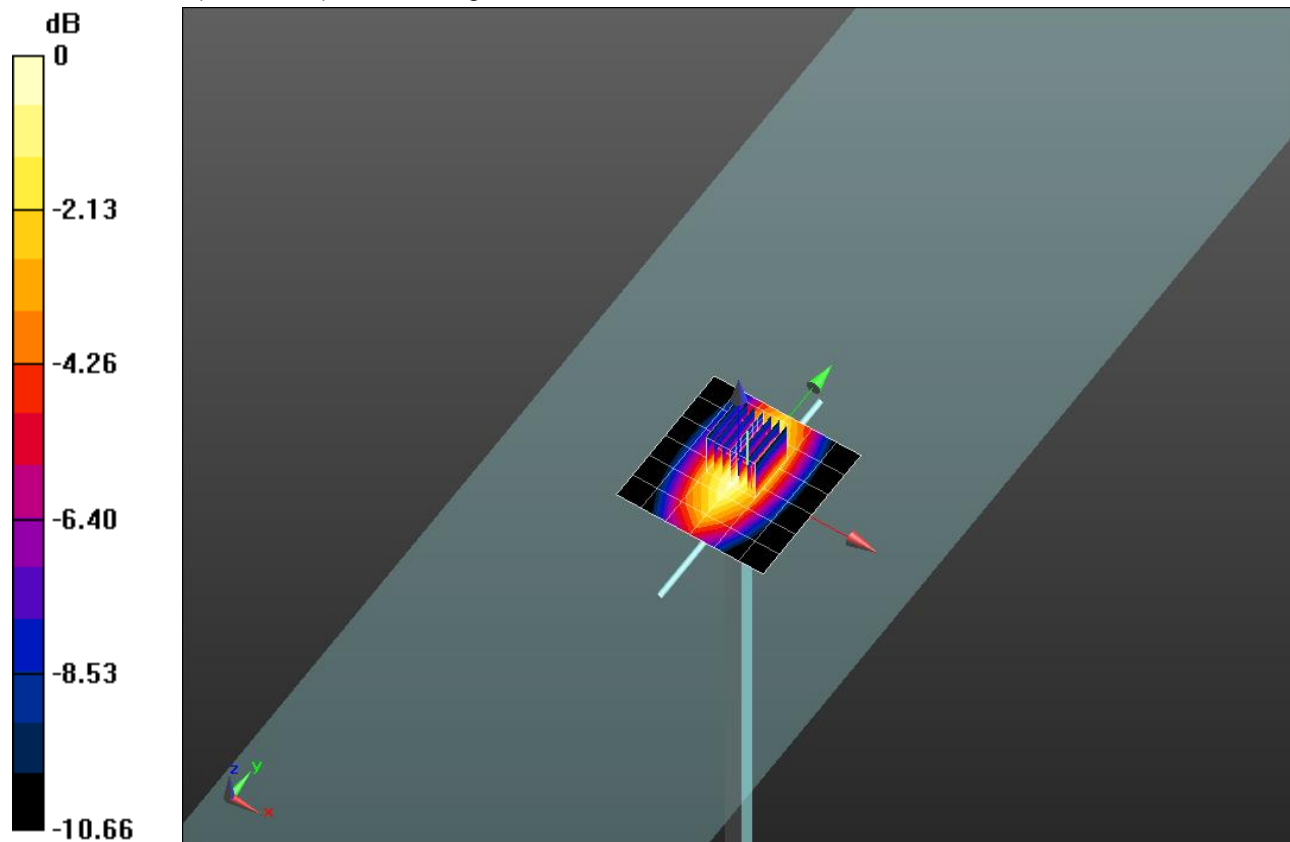
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.48 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.660 W/kg

Maximum value of SAR (measured) = 1.23 W/kg

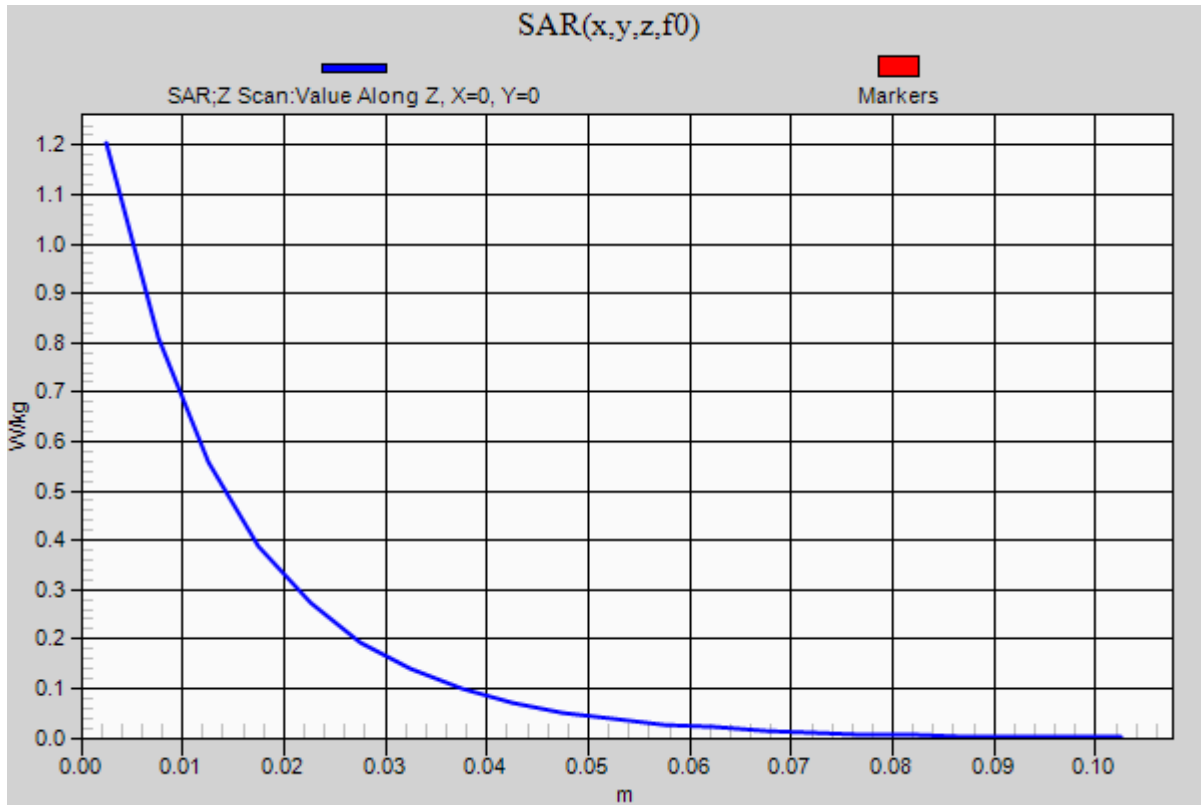


0 dB = 1.23 W/kg = 0.90 dBW/kg

20171027 SystemPerformanceCheck-D900V2 SN 1d118

Frequency: 900 MHz; Duty Cycle: 1:1

Body/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.20 W/kg



913MHz CW System Check D900V2 SN 1d143

Frequency: 913 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 913 \text{ MHz}$; $\sigma = 1.074 \text{ S/m}$; $\epsilon_r = 55.188$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1359; Calibrated: 2/10/2017
- Probe: EX3DV4 - SN7356; ConvF(10.85, 10.85, 10.85); Calibrated: 4/21/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Base Station Phantom Child

Body/Pin=100 mW/Volume Scan (34x142x40): (34x142x40): Interpolated grid: $dx=6.667 \text{ mm}$, $dy=6.667 \text{ mm}$, $dz=1.667 \text{ mm}$

Reference Value = 35.56 V/m; Power Drift = 0.01dB

Total Absorbed Power = 0.0863 W

Penetration depth = 12.93 (12.87, 13.34) [mm]

Top/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 35.55 V/m; Power Drift = -0.01 dB

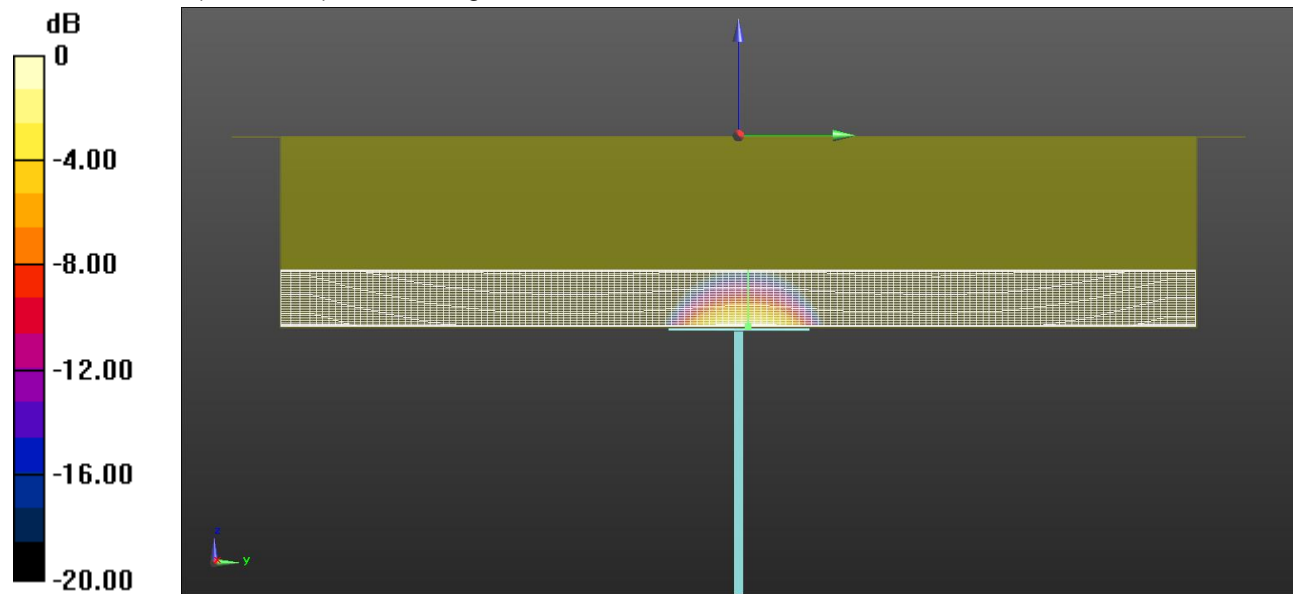
Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.722 W/kg

Maximum value of SAR (measured) = 1.35 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.60 W/kg



0 dB = 1.60 W/kg = 2.04 dBW/kg

913MHz CW System Check D900V2 SN 1d143

Frequency: 913 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 913 \text{ MHz}$; $\sigma = 1.074 \text{ S/m}$; $\epsilon_r = 55.188$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1359; Calibrated: 2/10/2017
- Probe: EX3DV4 - SN7356; ConvF(10.85, 10.85, 10.85); Calibrated: 4/21/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Base Station Phantom Child

Body/Pin=100 mW/Volume Scan (34x142x40): Interpolated grid: $dx=6.667 \text{ mm}$, $dy=6.667 \text{ mm}$, $dz=1.667 \text{ mm}$

Reference Value = 35.56 V/m; Power Drift = 0.01dB

Total Absorbed Power = 0.0863 W

Penetration depth = 12.93 (12.87, 13.34) [mm]

Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 35.55 V/m; Power Drift = -0.01 dB

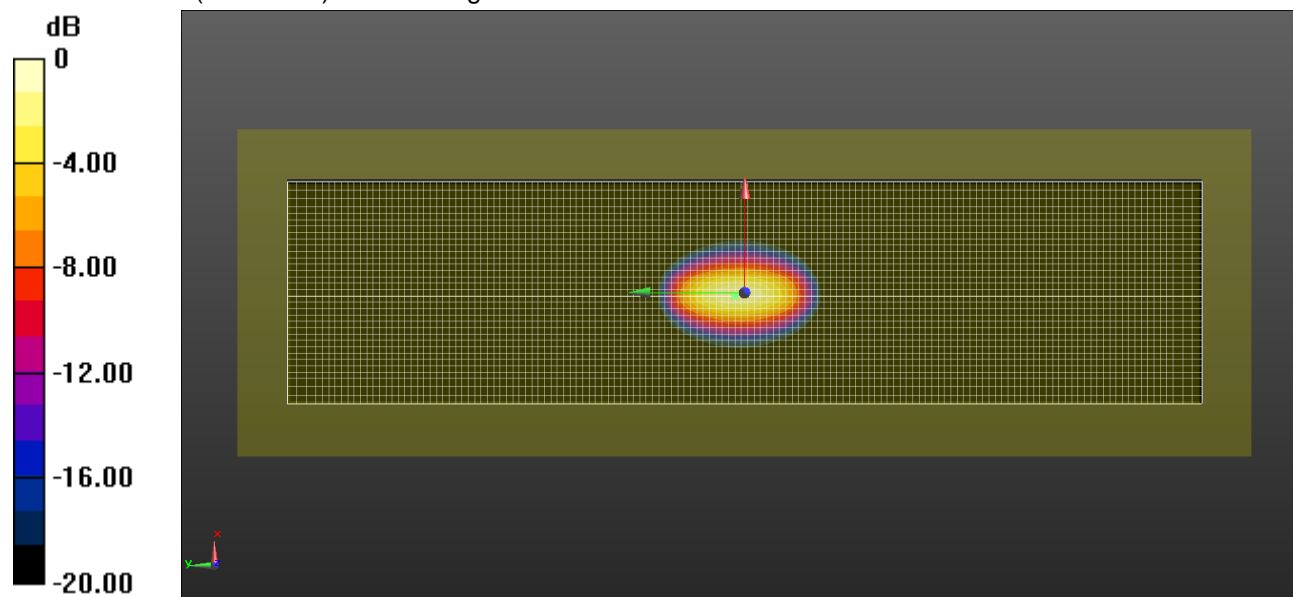
Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.722 W/kg

Maximum value of SAR (measured) = 1.35 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.60 W/kg



0 dB = 1.60 W/kg = 2.04 dBW/kg