

System Check_Head_900MHz

DUT: D900V2-1d165

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

Medium: HSL_900_201006 Medium parameters used: $f = 900$ MHz; $\sigma = 0.963$ S/m; $\epsilon_r = 42.116$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.14, 6.14, 6.14) @ 900 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.92 W/kg

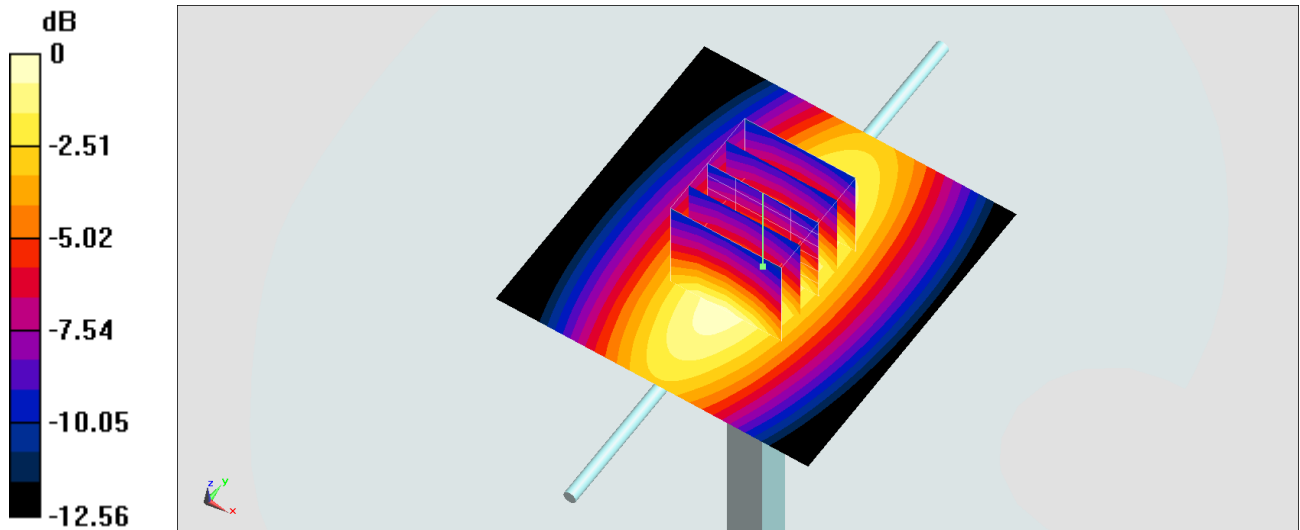
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.21 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 3.68 W/kg

SAR(1 g) = 2.52 W/kg; SAR(10 g) = 1.65 W/kg

Maximum value of SAR (measured) = 2.94 W/kg



System Check_Head_900MHz

DUT: D900V2-1d165

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

Medium: HSL_900_201104 Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.989 \text{ S/m}$; $\epsilon_r = 41.03$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.6°C ; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(9.97, 9.97, 9.97) @ 900 MHz; Calibrated: 2020/9/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: QD000P40CB; Serial: S/N:1489
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 3.83 W/kg

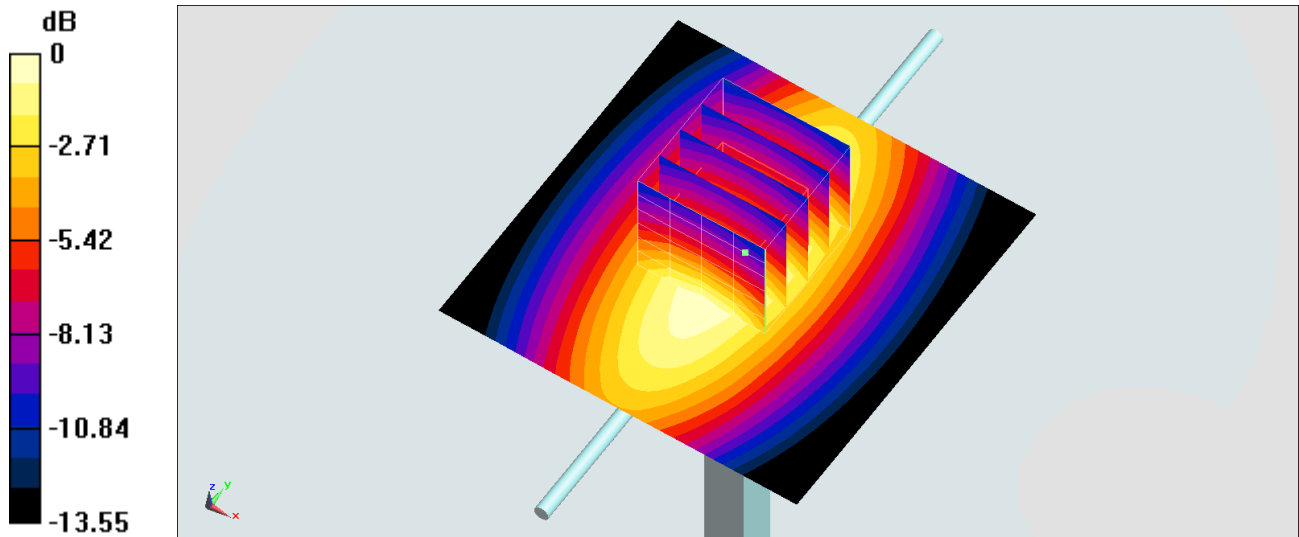
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 64.86 V/m ; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 4.35 W/kg

SAR(1 g) = 2.87 W/kg ; SAR(10 g) = 1.86 W/kg

Maximum value of SAR (measured) = 3.85 W/kg



0 dB = 3.85 W/kg = 5.85 dBW/kg