

System Check_Head_900MHz

DUT: D900V2-190

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

Medium: HSL_900_240401 Medium parameters used: $f = 900$ MHz; $\sigma = 0.973$ S/m; $\epsilon_r = 41.678$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(9.19, 9.2, 9.78) @ 900 MHz; Calibrated: 2023/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1697; Calibrated: 2023/11/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (51x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.749 W/kg

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

Reference Value = 29.92 V/m; Power Drift = -0.02 dB

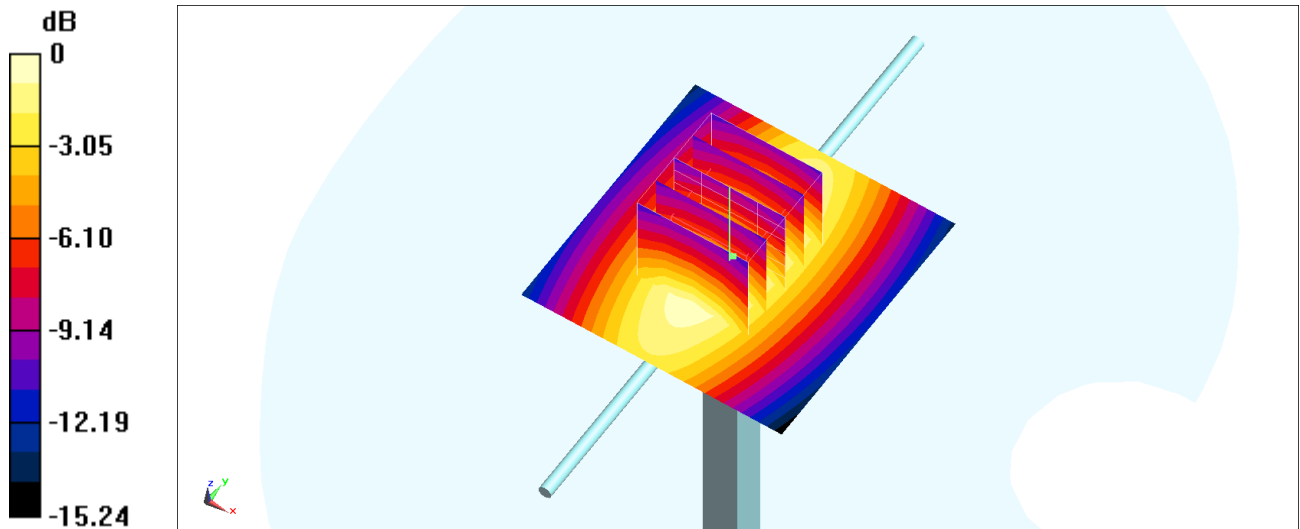
Peak SAR (extrapolated) = 0.851 W/kg

SAR(1 g) = 0.575 W/kg; SAR(10 g) = 0.373 W/kg

Smallest distance from peaks to all points 3 dB below = 16 mm

Ratio of SAR at M2 to SAR at M1 = 66.9%

Maximum value of SAR (measured) = 0.765 W/kg



0 dB = 0.749 W/kg = -1.26 dBW/kg