

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2024/12/13

System Check_Head_900MHz**DUT: D900V2 - SN1d171**

Communication System: CW; Frequency: 900 MHz

Medium: HSL_900_241213 Medium parameters used: $f = 900$ MHz; $\sigma = 0.95$ S/m; $\epsilon_r = 41.938$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(8.71, 7.45, 9.99) @ 900 MHz; Calibrated: 2024/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2024/3/14
- Phantom: ELI V4.0_Right; Type: QD OVA 001 BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 0.687 W/kg

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

Reference Value = 28.73 V/m; Power Drift = 0.01 dB

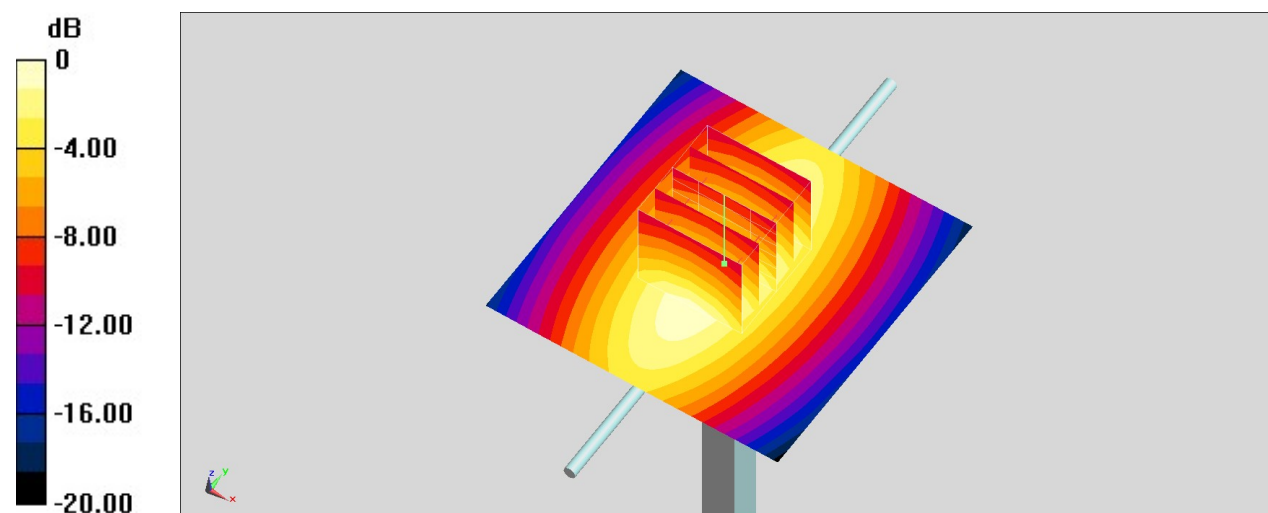
Peak SAR (extrapolated) = 0.757 W/kg

SAR(1 g) = 0.524 W/kg; SAR(10 g) = 0.343 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 68.9%

Maximum value of SAR (measured) = 0.688 W/kg



0 dB = 0.688 W/kg = -1.62 dBW/kg