

System Check_Head_900MHz

DUT: D900V2-1d165

Communication System: CW; Frequency: 900 MHz

Medium: HSL_600~7200_260208 Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.907 \text{ S/m}$; $\epsilon_r = 43.354$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5°C ; Liquid Temperature : 22.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(8.76, 9.07, 8.85) @ 900 MHz; Calibrated: 2025/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1694; Calibrated: 2025/10/15
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 3.20 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 = 63.55 V/m ; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 3.51 W/kg
SAR(1 g) = 2.68 W/kg ; SAR(10 g) = 1.72 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 16 mm
Ratio of SAR at M2 to SAR at M1 = 67.6%
Maximum value of SAR (measured) = 3.17 W/kg

