

System Check_H900

DUT: Dipole 900 MHz;Type:D900V2; SN:1d162

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

Medium: H900 Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.953 \text{ S/m}$; $\epsilon_r = 40.44$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.1°C ; Liquid Temperature : 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(10.16, 10.16, 10.16); Calibrated: 2022/4/18;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2022/3/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Pin=250mW/Area Scan (51x91x1): Interpolated grid: $dx=2.000 \text{ mm}$, $dy=2.000 \text{ mm}$

Maximum value of SAR (interpolated) = 4.29 W/kg

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

Reference Value = 65.780 V/m ; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 4.98 W/kg

SAR(1 g) = 2.70 W/kg ; SAR(10 g) = 1.83 W/kg

Maximum value of SAR (measured) = 4.38 W/kg

