

System Check_B900_180308

DUT: Dipole:900 MHz; Type:D900V2; SN:1d121

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

Medium: B900_0308 Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 1.046 \text{ S/m}$; $\epsilon_r = 55.218$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(10.12, 10.12, 10.12); Calibrated: 2017/11/02;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2017/10/09
- 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 (51x81x1): Interpolated grid: $dx=2.000 \text{ mm}$, $dy=2.000 \text{ mm}$

Maximum value of SAR (interpolated) = 4.06 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 = 64.494 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 4.69 W/kg

SAR(1 g) = 2.82 W/kg ; SAR(10 g) = 1.88 W/kg

Maximum value of SAR (measured) = 4.06 W/kg

