

System Check_H5250

DUT: Dipole 5GHzV2;Type:D5GHzV2; SN:1169

Communication System: CW; Frequency: 5250 MHz;Duty Cycle: 1:1
Medium: H5G Medium parameters used: $f = 5250\text{ MHz}$; $\sigma = 4.72\text{ S/m}$; $\epsilon_r = 36.75$; $\rho = 1000\text{ kg/m}^3$
Ambient Temperature : $22.4\text{ }^{\circ}\text{C}$; Liquid Temperature : $22.2\text{ }^{\circ}\text{C}$

DASY5 Configuration:
- Probe: EX3DV4 - SN3970; Calibrated: 2025/6/5;
- Electronics: DAE4 Sn1418; Calibrated: 2025/6/5
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=100mW/Area Scan (91x91x1): Interpolated grid: $dx=1.000\text{ mm}$, $dy=1.000\text{ mm}$
Maximum value of SAR (interpolated) = 21.2 W/kg

Pin=100mW/Zoom Scan (4x4x2mm) (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$
Reference Value = 56.851 V/m ; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 37.2 W/kg
SAR(1 g) = 7.90 W/kg ; SAR(10 g) = 2.12 W/kg
Maximum value of SAR (measured) = 23.2 W/kg

