

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: $f = 5250\text{ MHz}$; $\sigma = 4.748\text{ S/m}$; $\epsilon_r = 36.88$; $\rho = 1000\text{ kg/m}^3$
Ambient Temperature : $21.6\text{ }^{\circ}\text{C}$; Liquid Temperature : $21.4\text{ }^{\circ}\text{C}$

- DASY5 Configuration:
- Probe: EX3DV4 - SN3970; ConvF(5.85, 5.85, 5.85); Calibrated: 2023/5/17;
 - Sensor-Surface: 2mm (Mechanical Surface Detection)
 - Electronics: DAE4 Sn1418; Calibrated: 2023/4/25
 - Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
 - Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Pin=100mW/Area Scan (7x9x1): Interpolated grid: $dx=10.00\text{ mm}$, $dy=10.00\text{ mm}$
Maximum value of SAR (interpolated) = 22.2 W/kg

Pin=100mW/Zoom Scan (8x8x13)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$
Reference Value = 57.196 V/m ; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 37.6 W/kg
SAR(1 g) = 7.65 W/kg ; SAR(10 g) = 2.17 W/kg
Maximum value of SAR (measured) = 23.4 W/kg

