

5G

DUT: TL430

Communication System: 802.11a; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: HSL 5GHz Medium parameters used: $f = 5240 \text{ MHz}$; $\sigma = 4.66 \text{ S/m}$; $\epsilon_r = 35.91$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $21.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

- DASY5 Configuration:
- Probe: EX3DV4 - SN3970; ConvF(5.8, 5.8, 5.8); 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)

Front-High/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.53 W/kg

Front-High/Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.220 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 6.25 W/kg
SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.323 W/kg
Maximum value of SAR (measured) = 2.22 W/kg

