

## 5G

### DUT: TL430

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: HSL 5GHz Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.66$  S/m;  $\epsilon_r = 35.91$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C; Liquid Temperature : 21.4 °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

