

## System Check\_Head\_3500MHz

### DUT: D3500V2-1014

Communication System: CW; Frequency: 3500 MHz; Duty Cycle: 1:1

Medium: HSL\_3500\_220525 Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.917$  S/m;  $\epsilon_r = 38.092$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(7.12, 7.12, 7.12) @ 3500 MHz; Calibrated: 2022/3/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (71x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 6.90 W/kg

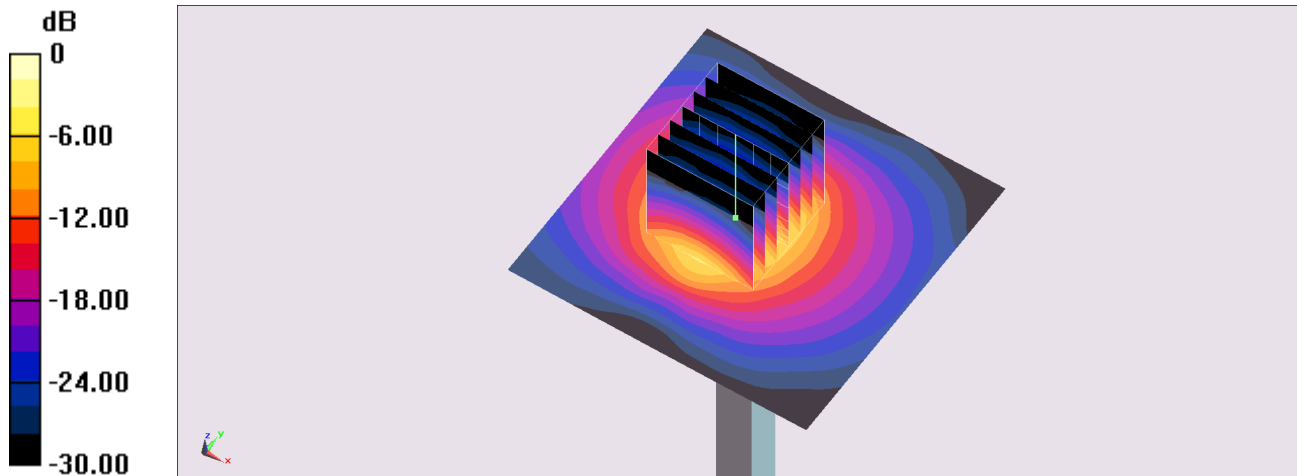
**Pin=50mW/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 39.73 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 8.71 W/kg

**SAR(1 g) = 3.3 W/kg; SAR(10 g) = 1.24 W/kg**

Maximum value of SAR (measured) = 6.42 W/kg



0 dB = 6.42 W/kg = 8.08 dBW/kg