

**System Performance Check-2450MHz\_20190821**

**DUT: Dipole 2450 MHz D2450V2; Type: D2450V2; Serial: 977**

Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz);  
Frequency: 2450 MHz; Communication System PAR: 0 dB; PMF: 1  
Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.826$  S/m;  $\epsilon_r = 38.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(7.72, 7.72, 7.72); Calibrated: 2018/12/19;
  - Modulation Compensation:
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE3 Sn427; Calibrated: 2018/12/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1235
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/D2450V2/Area Scan (6x9x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 18.3 W/kg

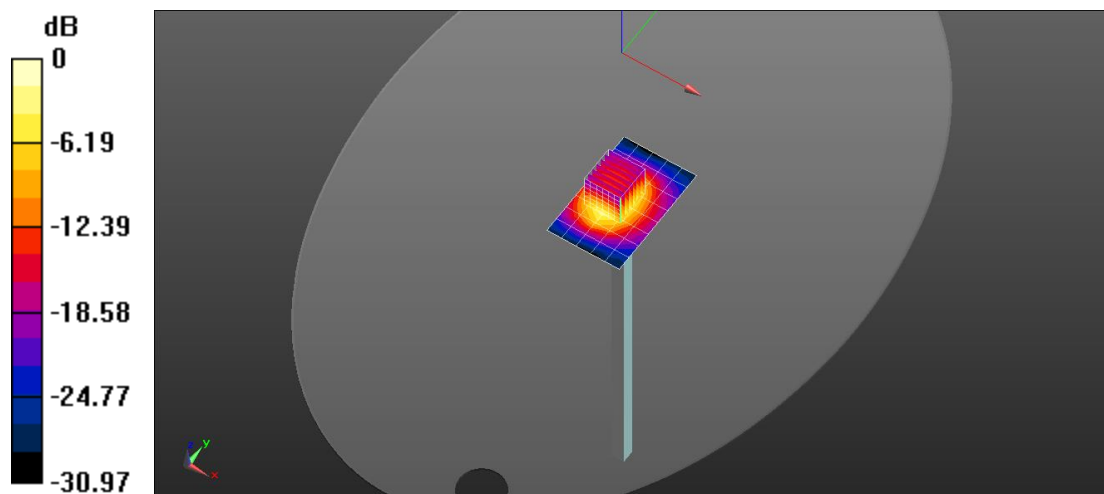
**Configuration/D2450V2/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 83.13 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 28.5 W/kg

**SAR(1 g) = 13.6W/kg; SAR(10 g) = 6.3 W/kg**

Maximum value of SAR (measured) = 18.2 W/kg



0 dB = 18.3 W/kg = 12.62 dBW/kg