

### System Performance Check-2450MHz-Head

Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz);

Frequency: 2450 MHz;

Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.878$  S/m;  $\epsilon_r = 38.16$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(7.90, 7.90, 7.90); Calibrated: 2020/1/3;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE3 Sn427; Calibrated: 2020/3/31
- Phantom: SAM; Type: QD000P40CD; Serial: 1805
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/D2450V2/Area Scan (9x9x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 18.1 W/kg

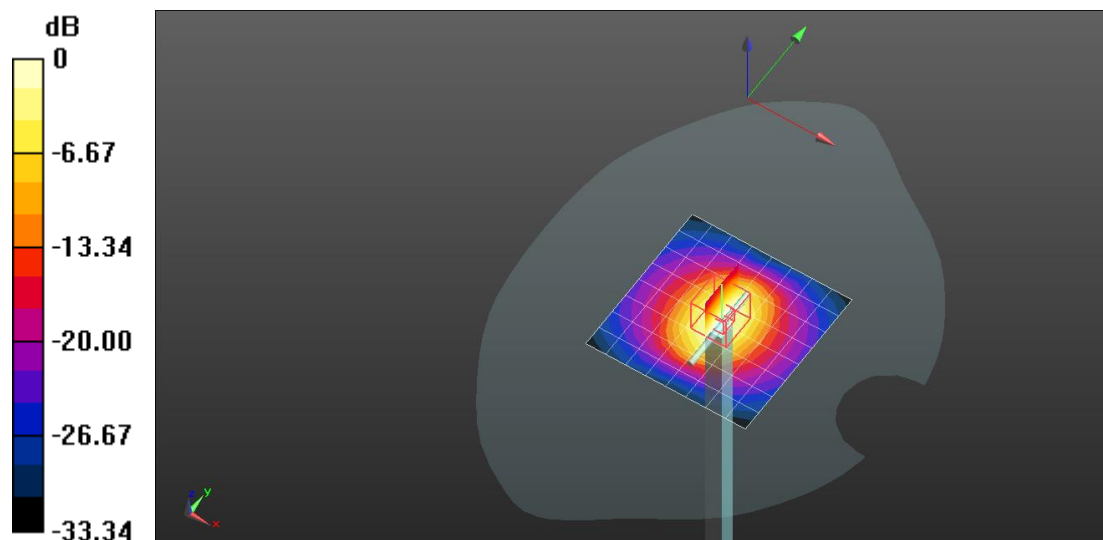
**Configuration/D2450V2/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,

$dy=5$ mm,  $dz=5$ mm

Reference Value = 91.29 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 28.7 W/kg

**SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.27 W/kg**



0 dB = 18.1 W/kg = 12.58 dBW/kg