

2450MHz System Check

Communication System: UID 0, CW (0); Frequency: 2450 MHz

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.776$ S/m; $\epsilon_r = 38.464$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7716; ConvF(7.98, 7.98, 7.98); Calibrated: 2024/5/13;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1718; Calibrated: 2024/5/11
- Phantom: Front Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD;
- DASY52 52.10.0(1442); SEMCAD X 14.6.10(7413)

Configuration/d=10mm,Pin=250mW/Area Scan(6x9x1): Measurement grid: $dx=12$ mm

$dy=12$ mm

Maximum value of SAR (interpolated) = 14.7 W/kg

Configuration/d=10mm,Pin=250mW/Zoom Scan (7x7x7)/Cube0: Measurement grid: $dx=5$ mm,

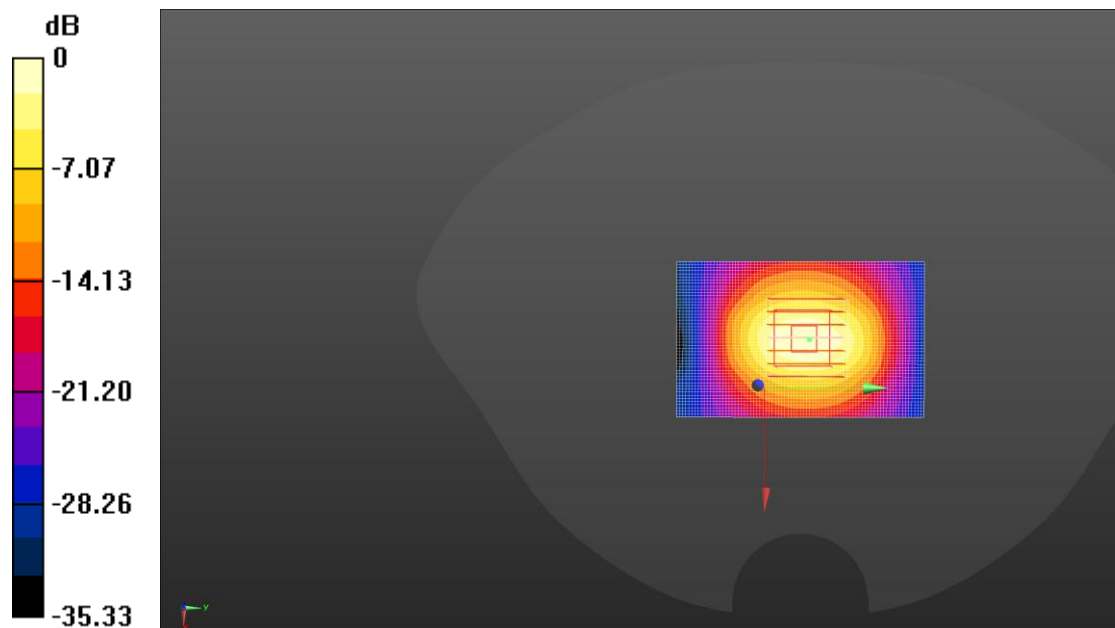
$dy=5$ mm, $dz=5$ mm

Reference Value = 87.97 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 25.1 W/kg

SAR(1 g) = 12 W/kg; SAR(10 g) = 5.54 W/kg

Maximum value of SAR (measured) = 13.6 W/kg



0 dB = 14.7 W/kg = 11.67 dBW/kg