

**20180711-2 System Performance Check-2450MHz-Bdoy**

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

Medium parameters used (interpolated):  $f = 2450$  MHz;  $\sigma = 1.953$  S/m;  $\epsilon_r = 51.765$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(7.82, 7.82, 7.82); Calibrated: 2017/12/14;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE3 Sn427; Calibrated: 2017/12/4
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1235
- DASY52 52.10.0(1442); SEMCAD X 14.6.10(7413)

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

Maximum value of SAR (measured) = 12.8 W/kg

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

Reference Value = 85.24 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 23.4 W/kg

**SAR(1 g) = 12.1 W/kg; SAR(10 g) = 5.73 W/kg**

Maximum value of SAR (measured) = 15.7 W/kg

