

### P01 SDR2.4G\_1M\_Right Side\_0cm\_Ch Mid\_Antenna 0

#### DUT: EUT

Communication System: SDR; Frequency: 2440 MHz; Duty Cycle: 1:1

Medium: H2450 Medium parameters used:  $f = 2440 \text{ MHz}$ ;  $\sigma = 1.78 \text{ S/m}$ ;  $\epsilon_r = 39.958$ ;  $\rho = 1000 \text{ kg/m}^3$

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(7.98, 7.98, 7.98) @ 2440 MHz; Calibrated: 2023/6/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 2023/7/6
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: 1961
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (71x71x1):** Interpolated grid:  $dx=1.200 \text{ mm}$ ,  $dy=1.200 \text{ mm}$   
Maximum value of SAR (interpolated) = 2.83 W/kg

- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 6.989 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 4.77 W/kg  
**SAR(1 g) = 1.86 W/kg; SAR(10 g) = 0.750 W/kg**  
Smallest distance from peaks to all points 3 dB below = 6.3 mm  
Ratio of SAR at M2 to SAR at M1 = 39.7%  
Maximum value of SAR (measured) = 3.65 W/kg

