

Test Laboratory: BTL.Inc

Date: 2022/3/3

## W02\_802.11n HT20\_CH6\_Rear Face\_0cm\_Ant A

### DUT: Scanner;

Communication System: UID 0, IEEE 802.11n (HT20,6.5Mbps,BPSK) (0);  
Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.746$  S/m;  $\epsilon_r = 38.623$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

### DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(7.51, 7.51, 7.51) @ 2437 MHz; Calibrated: 2021/12/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2022/1/21
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (8x15x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.141 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 0 V/m; Power Drift = 0.00 dB  
Peak SAR (extrapolated) = 1.14 W/kg  
**SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.044 W/kg**  
Maximum value of SAR (measured) = 0.641 W/kg

