

Test Laboratory: BTL Inc. Date: 2019/9/15

T03_802.11a_CH165_Left Side_0.5cm

DUT: Station;

Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5825 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5825 \text{ MHz}$; $\sigma = 5.429 \text{ S/m}$; $\epsilon_r = 34.751$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.4 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN3685; ConvF(4.29, 4.29, 4.29) @ 5825 MHz; Calibrated: 2019/3/25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE3 Sn420; Calibrated: 2019/6/21
- Phantom: SAM Front; Type: Twin SAM; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x15x1): Interpolated grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$
Maximum value of SAR (interpolated) = 1.59 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$
Reference Value = 10.57 V/m ; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 4.37 W/kg
SAR(1 g) = 1.52 W/kg ; SAR(10 g) = 0.577 W/kg
Maximum value of SAR (measured) = 1.88 W/kg

