

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

**System Check\_H5800\_0915****DUT: Dipole D5GHzV2;SN;1160;**

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.412$  S/m;  $\epsilon_r = 34.837$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3685; ConvF(4.29, 4.29, 4.29) @ 5800 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 (6x6x1):** Interpolated grid:  $dx=10$  mm,  $dy=10$  mm  
Maximum value of SAR (interpolated) = 19.1 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm  
Reference Value = 59.86 V/m; Power Drift = -0.19 dB  
Peak SAR (extrapolated) = 31.7 W/kg  
**SAR(1 g) = 7.54 W/kg; SAR(10 g) = 2.31 W/kg**  
Maximum value of SAR (measured) = 19.0 W/kg

