

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/m³
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

