Test Laboratory: BTL Inc. Date: 2023/12/15

System Check_H5800_1215

DUT: Dipole D5GHzV2;SN:1160;

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 5.346 S/m; ε_r = 34.129; ρ = 1000 kg/m^3
Ambient Temperature：23.0 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(4.87, 4.87, 4.87) @ 5800 MHz; Calibrated: 2023/2/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1717; Calibrated: 2023/4/10
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x6x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 19.4 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 62.65 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 46.7 W/kg
SAR(1 g) = 7.84 W/kg; SAR(10 g) = 2.2 W/kg
Maximum value of SAR (measured) = 21.9 W/kg