

Test Laboratory: BTL.Inc

Date: 2021/8/6

W02_BLE_CH39_Rear Face_0cm

DUT: Module;

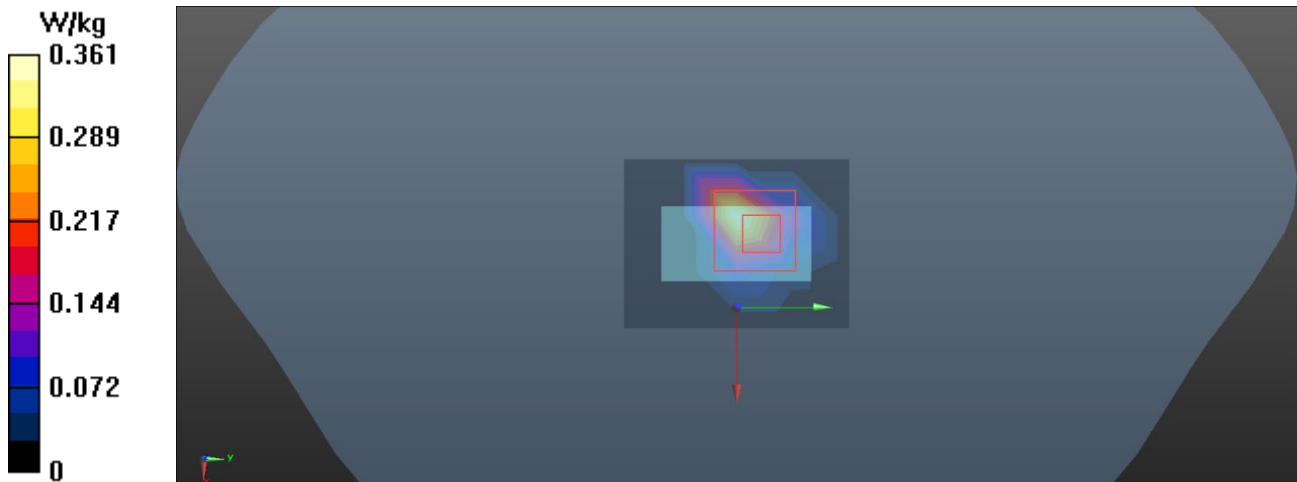
Communication System: UID 0, BT (0); Frequency: 2480 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2480$ MHz; $\sigma = 1.821$ S/m; $\epsilon_r = 39.571$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(7.56, 7.56, 7.56) @ 2480 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (5x6x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.361 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 5.401 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.070 W/kg
Maximum value of SAR (measured) = 0.594 W/kg



Test Laboratory: BTL.Inc

Date: 2021/8/6

W11_SRD_CH78_Rear Face_0cm

DUT: Module;

Communication System: UID 0, BT (0); Frequency: 2480 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2480$ MHz; $\sigma = 1.821$ S/m; $\epsilon_r = 39.571$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(7.56, 7.56, 7.56) @ 2480 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (5x6x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.311 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 8.779 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.880 W/kg
SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.058 W/kg
Maximum value of SAR (measured) = 0.488 W/kg

