

Test Laboratory: BTL Inc.

Date: 2021/9/6

W12_802.11b_CH1_Right Side_0.5cm_ANT 0

DUT: AP;

Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS,1Mbps) (0);

Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.753$ S/m; $\epsilon_r = 39.855$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.58, 4.58, 4.58) @ 2412 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x12x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.21 W/kg

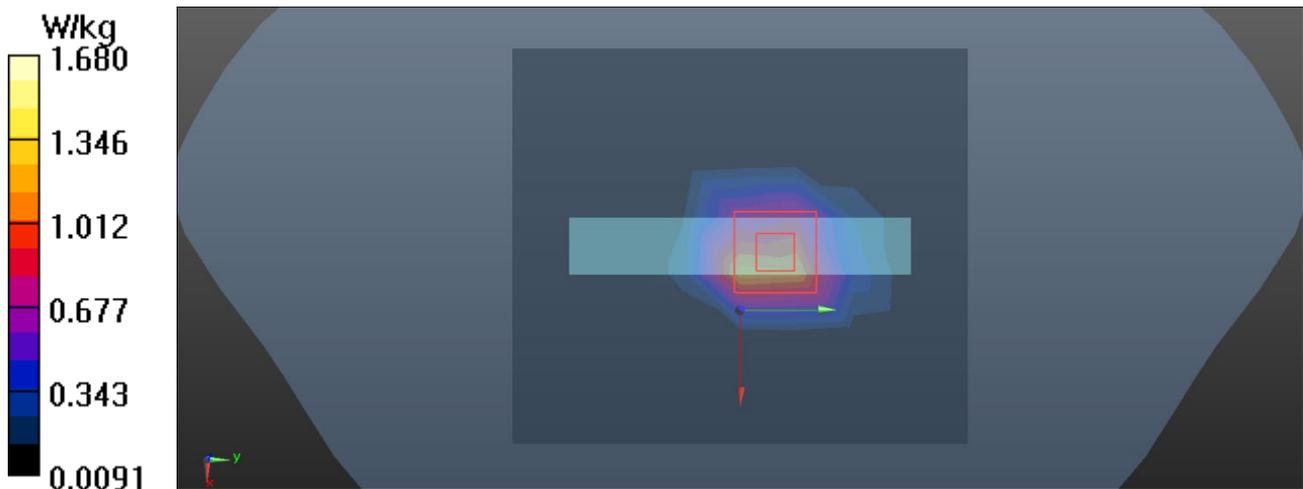
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 29.19 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.73 W/kg

SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.588 W/kg

Maximum value of SAR (measured) = 1.68 W/kg



Test Laboratory: BTL Inc.

Date: 2021/9/6

W32_802.11n HT40_CH9_Left Side_0.5cm_ANT 0+1

DUT: AP;

Communication System: UID 0, IEEE 802.11n(HT40,13.5Mbps,BPSK) (0);

Frequency: 2452 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2452$ MHz; $\sigma = 1.791$ S/m; $\epsilon_r = 39.701$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.58, 4.58, 4.58) @ 2452 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.17 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 32.90 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.90 W/kg

SAR(1 g) = 1.35 W/kg; SAR(10 g) = 0.595 W/kg

Maximum value of SAR (measured) = 1.76 W/kg

