

Test Laboratory: BTL Inc.

Date: 2018/10/18

T07_802.11b_CH11_Horizontal-Up_0.5cm

DUT: T2U Nano;

Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS, 1Mbps) (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.989$ S/m; $\epsilon_r = 51.263$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 – SN7396; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (9x12x1): Interpolated grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.865 W/kg

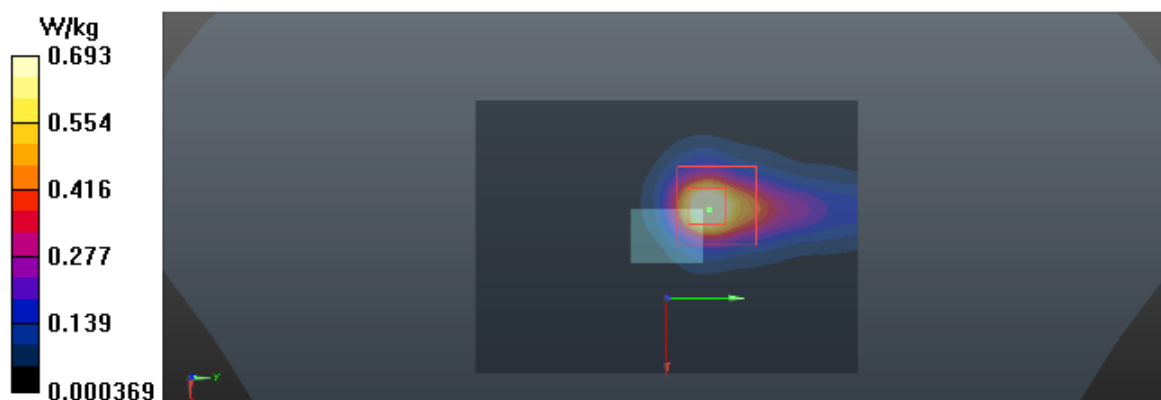
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

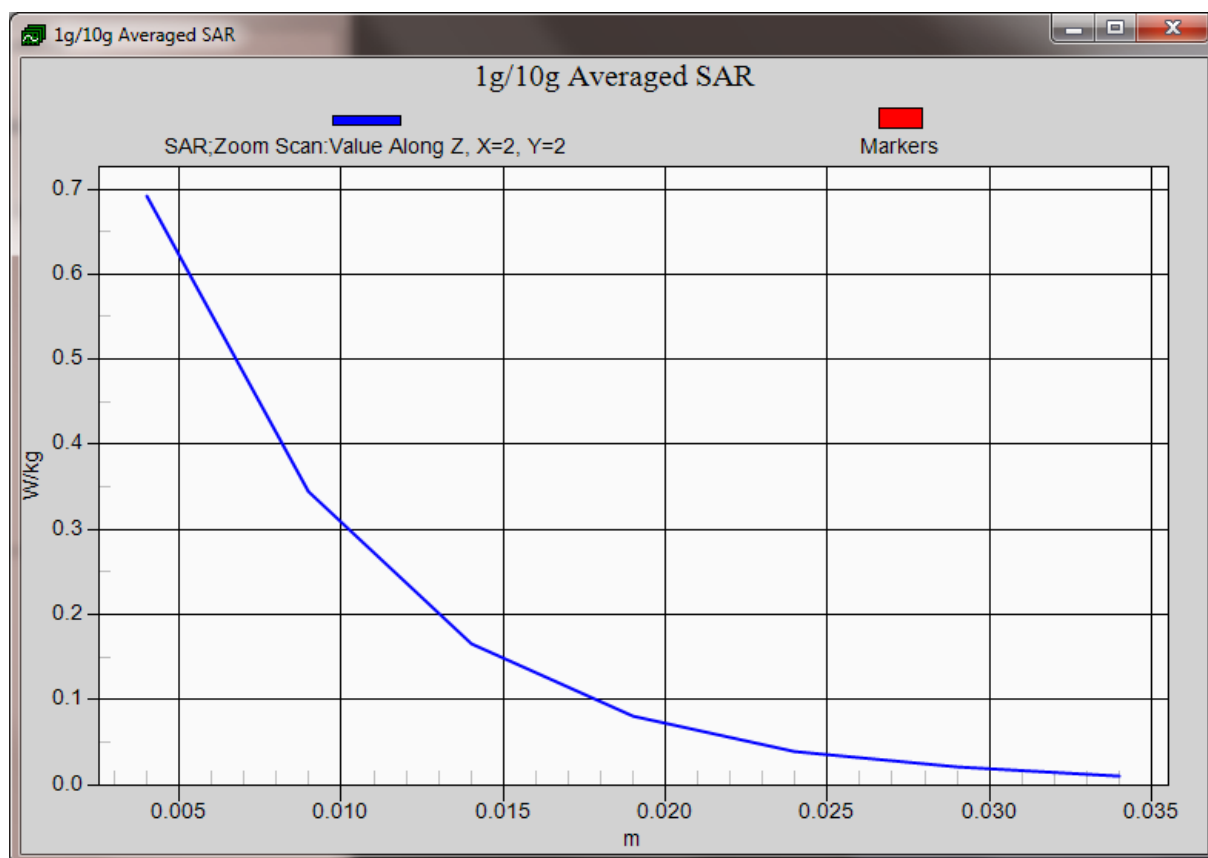
Reference Value = 9.708 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.595 W/kg; SAR(10 g) = 0.240 W/kg

Maximum value of SAR (measured) = 0.693 W/kg





Test Laboratory: BTL Inc.

Date: 2018/10/18

T14_802.11a_CH64_Horizontal-Up_0.5cm

DUT: T2U Nano;

Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5320 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5320$ MHz; $\sigma = 5.51$ S/m; $\epsilon_r = 47.414$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 – SN7396; ConvF(5.05, 5.05, 5.05); Calibrated: 2018/5/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (9x12x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.0936 W/kg

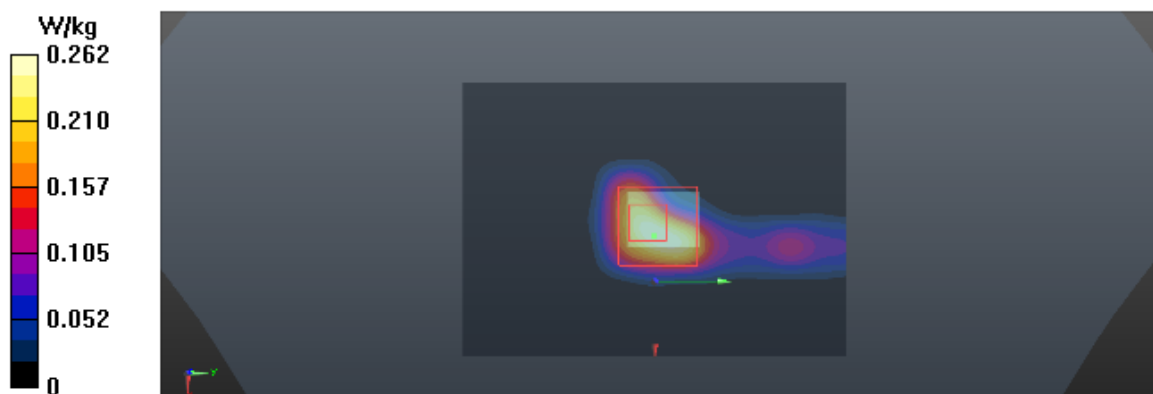
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

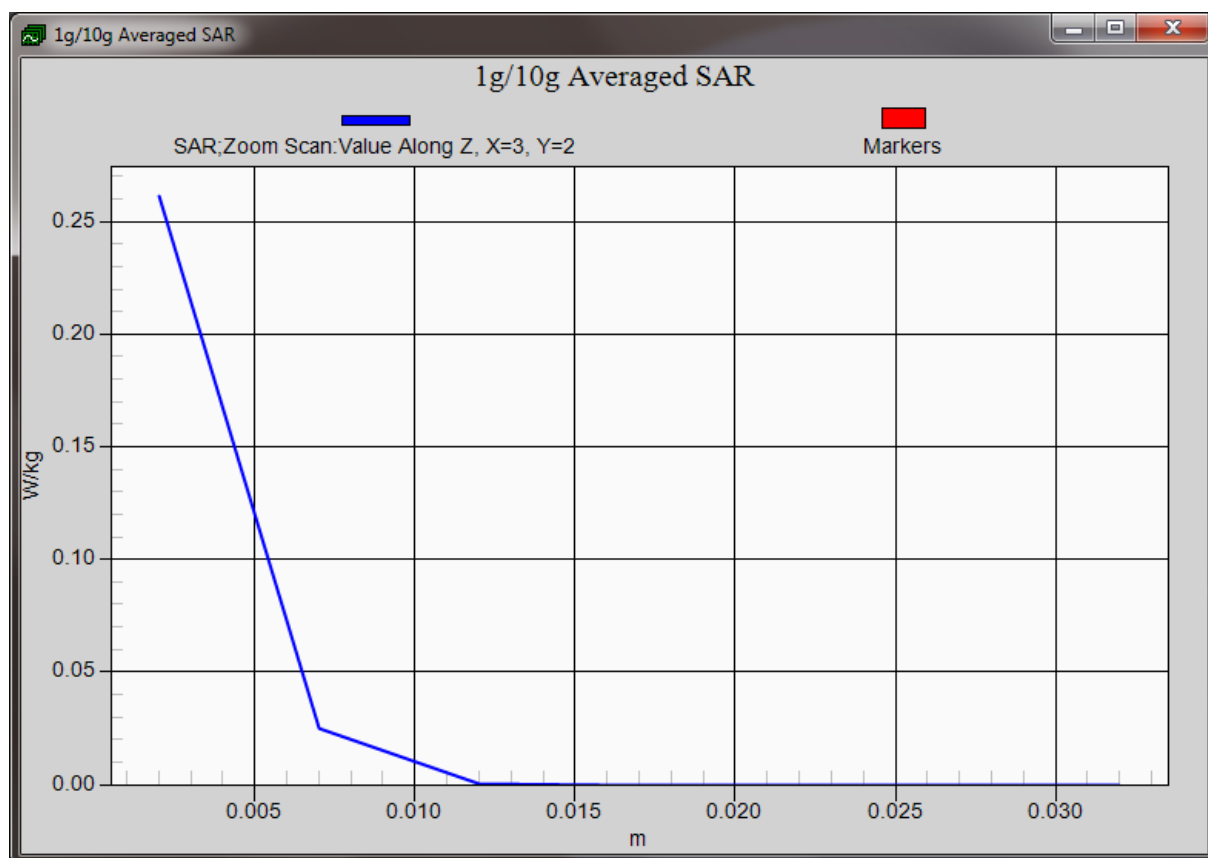
Reference Value = 5.343 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.575 W/kg

SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.039 W/kg

Maximum value of SAR (measured) = 0.262 W/kg





Test Laboratory: BTL Inc.

Date: 2018/10/18

T21_802.11a_CH16_Horizontal-Up_0.5cm

DUT: T2U Nano;

Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5580$ MHz; $\sigma = 5.86$ S/m; $\epsilon_r = 46.89$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 – SN7396; ConvF(4.38, 4.38, 4.38); Calibrated: 2018/5/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (9x12x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.230 W/kg

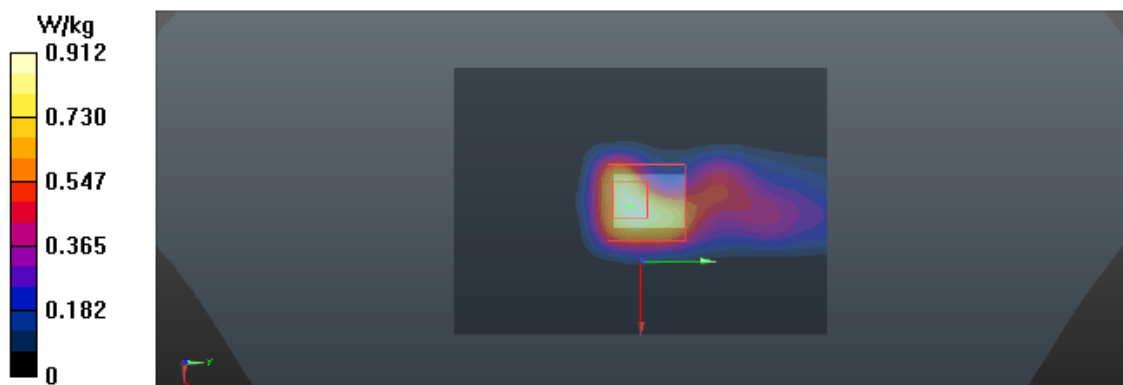
Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

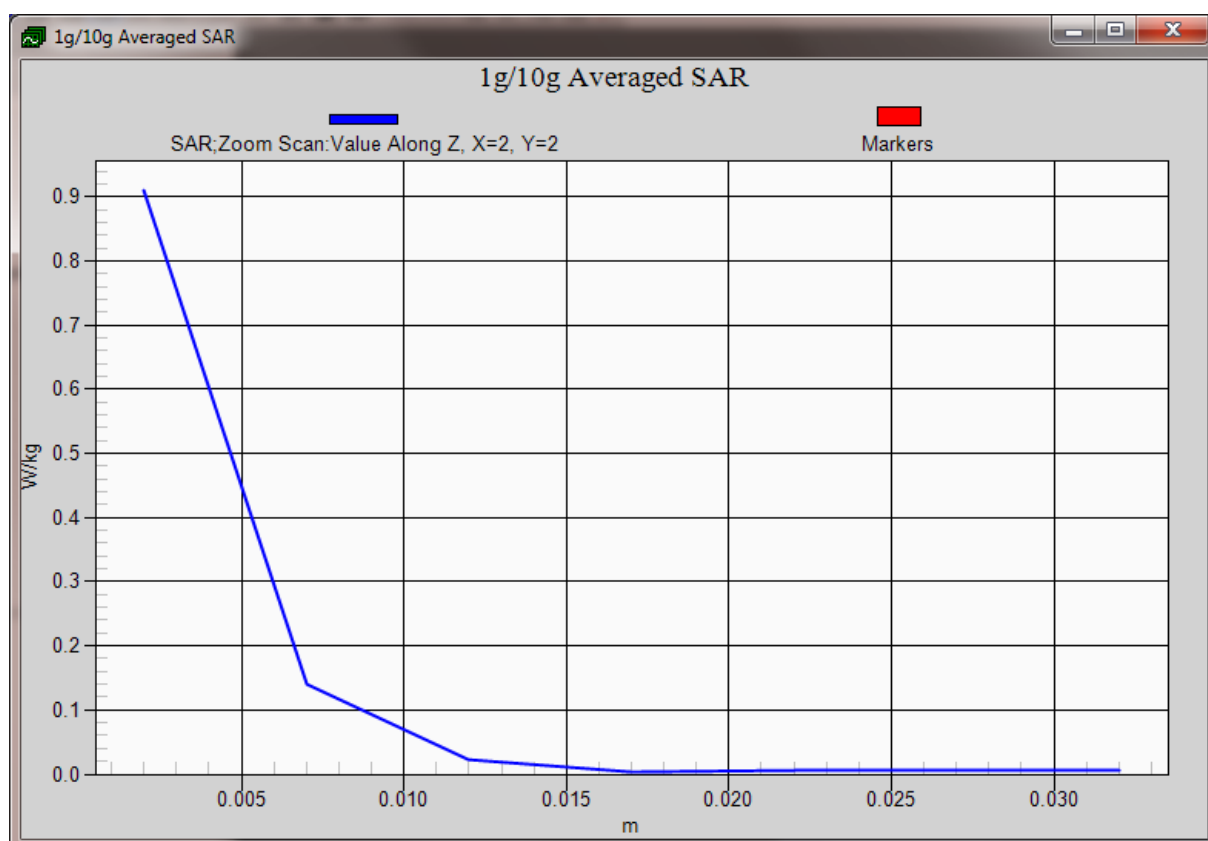
Reference Value = 8.929 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.379 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 0.912 W/kg





Test Laboratory: BTL Inc.

Date: 2018/10/18

T23_802.11a_CH149_Horizontal-Down_0.5cm

DUT: T2U Nano;

Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.119 \text{ S/m}$; $\epsilon_r = 46.579$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.3 \text{ }^\circ\text{C}$; Liquid Temperature: $22.4 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.5, 4.5, 4.5); Calibrated: 2018/5/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (9x12x1): Interpolated grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$

Maximum value of SAR (interpolated) = 0.447 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.326 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.300 W/kg ; SAR(10 g) = 0.082 W/kg

Maximum value of SAR (measured) = 0.354 W/kg

