

**01 WLAN2.4G\_802.11b\_Verical Front\_0.5cm\_Ch6**

**DUT: 370237**

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_130907 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.912$  mho/m;  $\epsilon_r = 54.01$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch6/Area Scan (51x181x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.16 W/kg

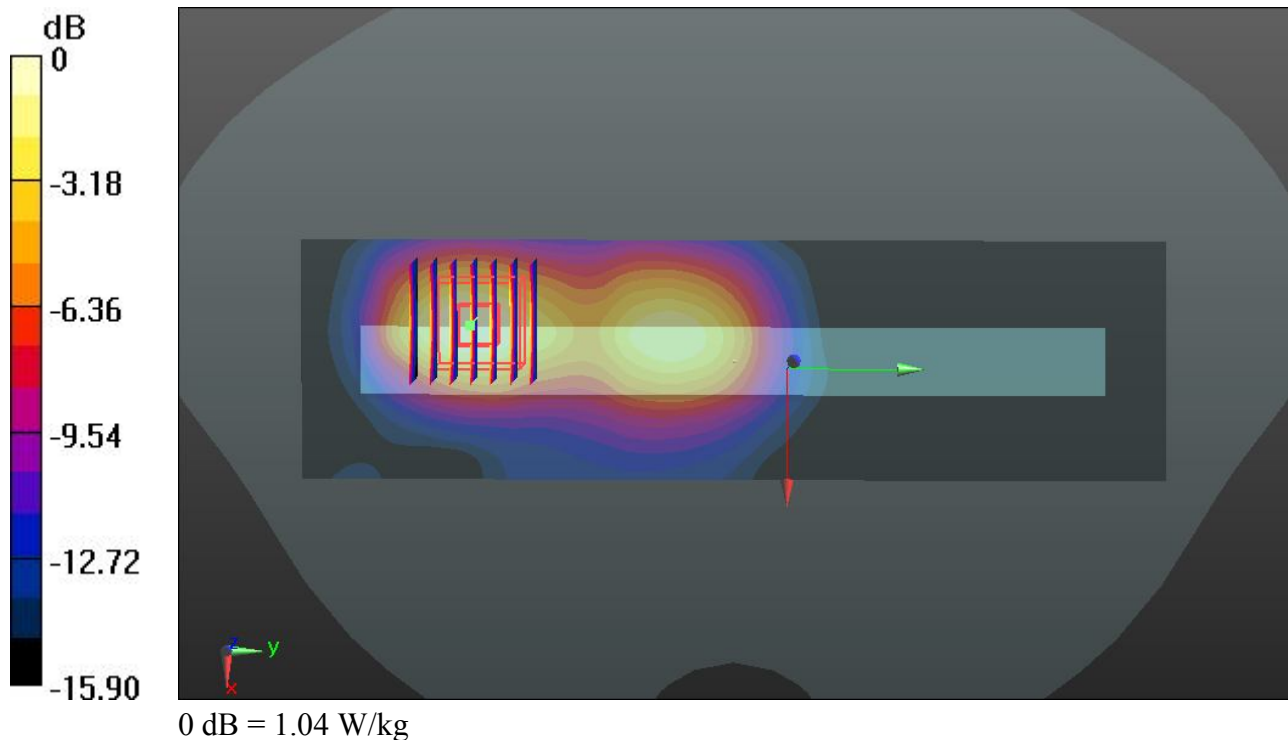
**Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.607 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.407 mW/g

**SAR(1 g) = 0.709 mW/g; SAR(10 g) = 0.352 mW/g**

Maximum value of SAR (measured) = 1.04 W/kg



**02 WLAN5G Band1\_802.11a 6Mbps\_Veritical Back\_0.5cm\_Ch48**

**DUT: 370237**

Communication System: WIFI; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: MSL\_5200\_130908 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.359$  mho/m;  $\epsilon_r = 48.851$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.63, 4.63, 4.63); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch48/Area Scan (51x211x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.459 W/kg

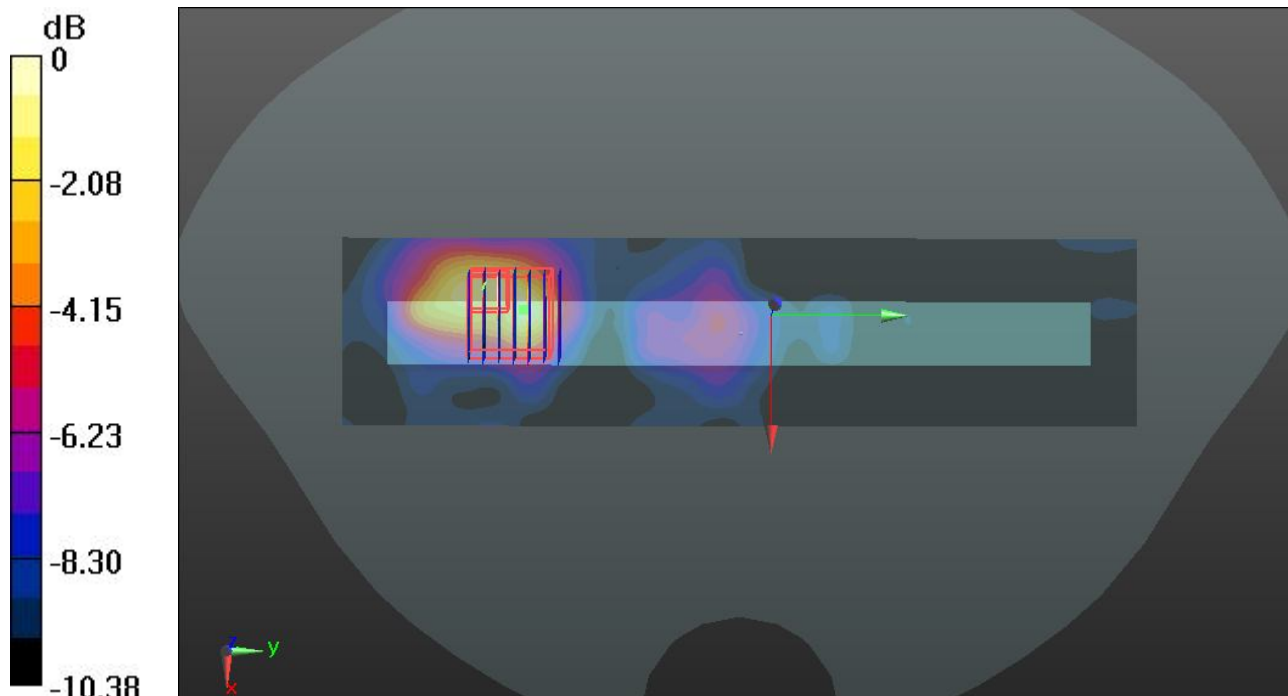
**Ch48/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.064 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.814 mW/g

**SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.117 mW/g**

Maximum value of SAR (measured) = 0.480 W/kg



0 dB = 0.480 W/kg

**03 WLAN5G Band4\_802.11a 6Mbps\_Horizontal Up\_0.5cm\_Ch157**

**DUT: 370237**

Communication System: WIFI; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL\_5800\_130908 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.83$  mho/m;  $\epsilon_r = 47.051$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.09, 4.09, 4.09); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch157/Area Scan (51x211x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.933 W/kg

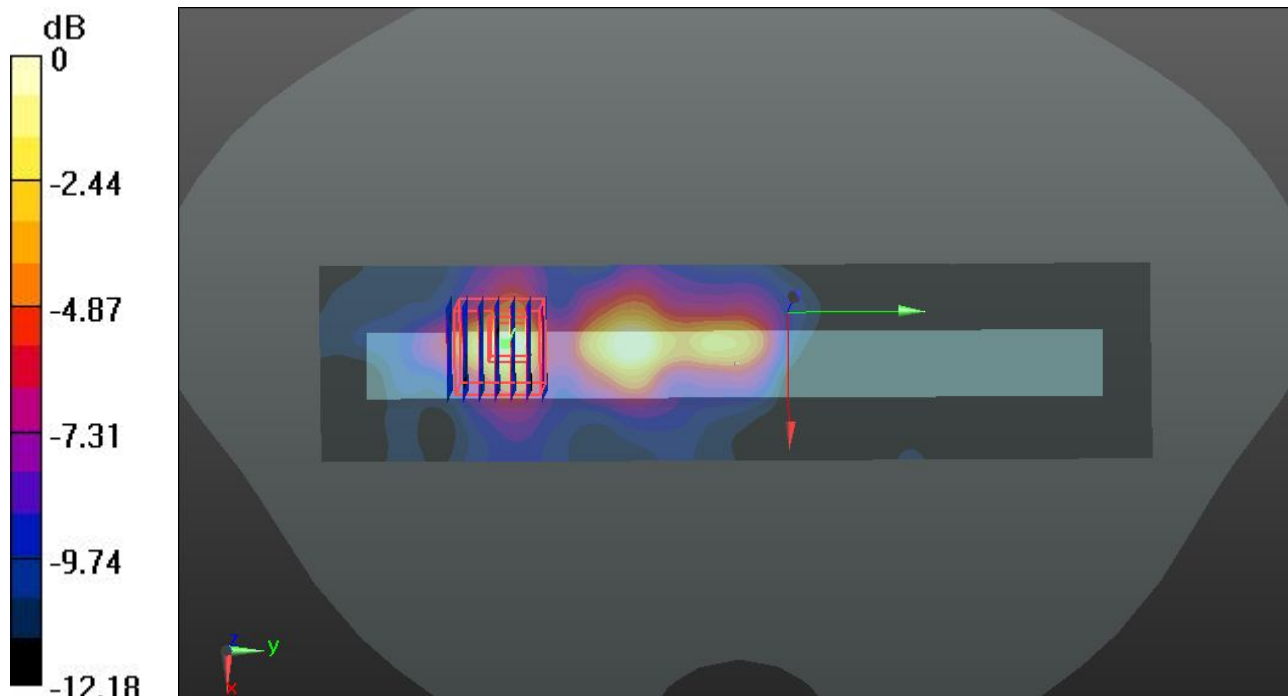
**Ch157/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.081 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.342 mW/g

**SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.163 mW/g**

Maximum value of SAR (measured) = 0.849 W/kg



0 dB = 0.849 W/kg