

### #01\_WLAN2.4GHz\_802.11b 1Mbps\_Edge 1\_0mm\_Ch 6\_Ant 2

Communication System: WIFI ; Frequency: 2437 MHz; Duty Cycle: 1:1.051

Medium: MSL\_2450\_160303 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.922 \text{ S/m}$ ;  $\epsilon_r = 51.32$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.8 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.08, 7.08, 7.08); Calibrated: 2015.11.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2015.11.24
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch6/Area Scan (51x171x1):** Interpolated grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

Maximum value of SAR (interpolated) =  $0.354 \text{ W/kg}$

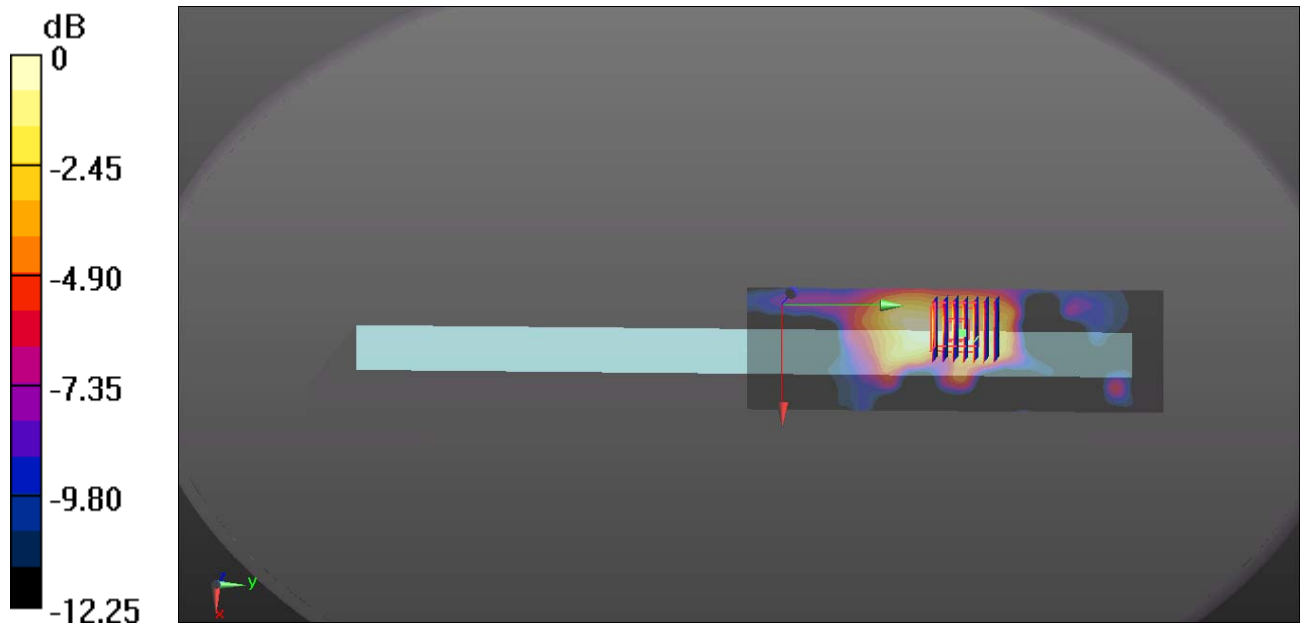
**Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $3.180 \text{ V/m}$ ; Power Drift =  $0.09 \text{ dB}$

Peak SAR (extrapolated) =  $0.553 \text{ W/kg}$

**SAR(1 g) =  $0.251 \text{ W/kg}$ ; SAR(10 g) =  $0.139 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.359 \text{ W/kg}$



0 dB =  $0.354 \text{ W/kg}$

### #02\_WLAN5GHz Band 2\_802.11n-HT40 MCS0\_Edge 1\_0mm\_Ch54\_Ant 2

Communication System: WIFI ; Frequency: 5270 MHz;Duty Cycle: 1:1.101  
Medium: MSL\_5250\_160302 Medium parameters used:  $f = 5270$  MHz;  $\sigma = 5.342$  S/m;  $\epsilon_r = 50.967$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

**Ambient Temperature:** 23.3 °C ; **Liquid Temperature:** 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(4.35, 4.35, 4.35); Calibrated: 2015.11.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2015.11.23
- Phantom: ELI v5.0(Right); Type: QDOVA001BB; Serial: TP:1225
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Ch54/Area Scan (61x181x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.583 W/kg

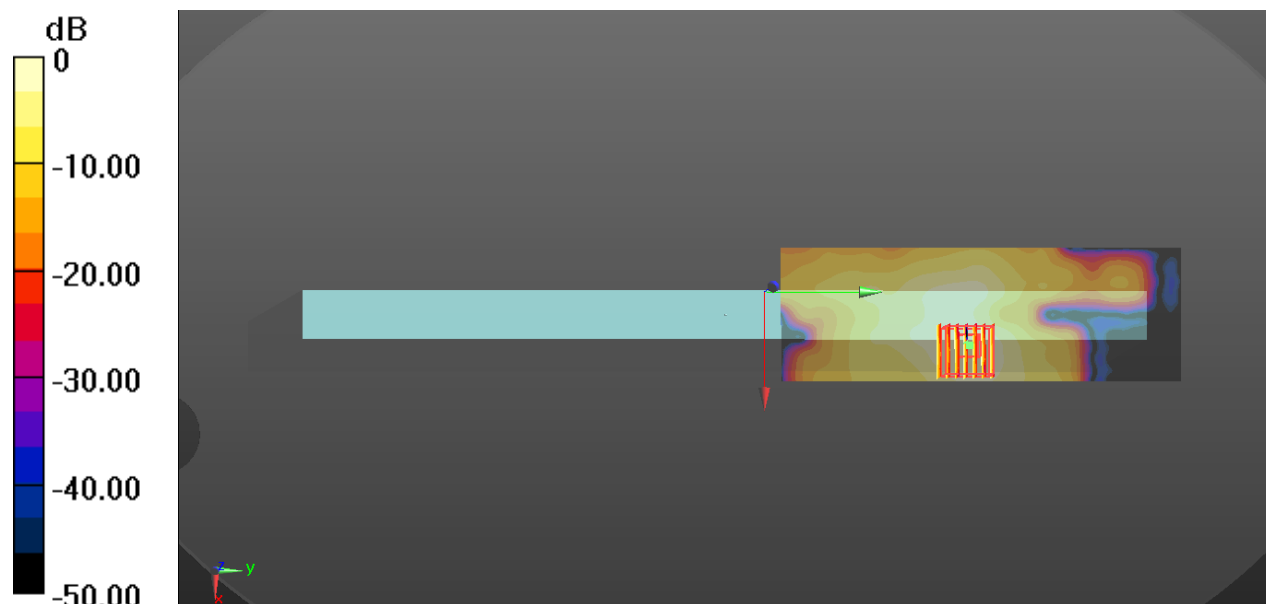
**Ch54/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.7530 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.16 W/kg

**SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.104 W/kg**

Maximum value of SAR (measured) = 0.630 W/kg



0 dB = 0.583 W/kg

### #03\_WLAN5GHz Band 3\_802.11ac-VHT80 MCS0\_Edge 1\_0mm\_Ch138\_Ant 2

Communication System: WIFI ; Frequency: 5690 MHz;Duty Cycle: 1:1.069  
Medium: MSL\_5600\_160302 Medium parameters used:  $f = 5690$  MHz;  $\sigma = 6.042$  S/m;  $\epsilon_r = 50.11$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**Ambient Temperature:** 23.3 °C ; **Liquid Temperature:** 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(3.68, 3.68, 3.68); Calibrated: 2015.11.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2015.11.23
- Phantom: ELI v5.0(Right); Type: QDOVA001BB; Serial: TP:1225
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Ch138/Area Scan (61x181x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.10 W/kg

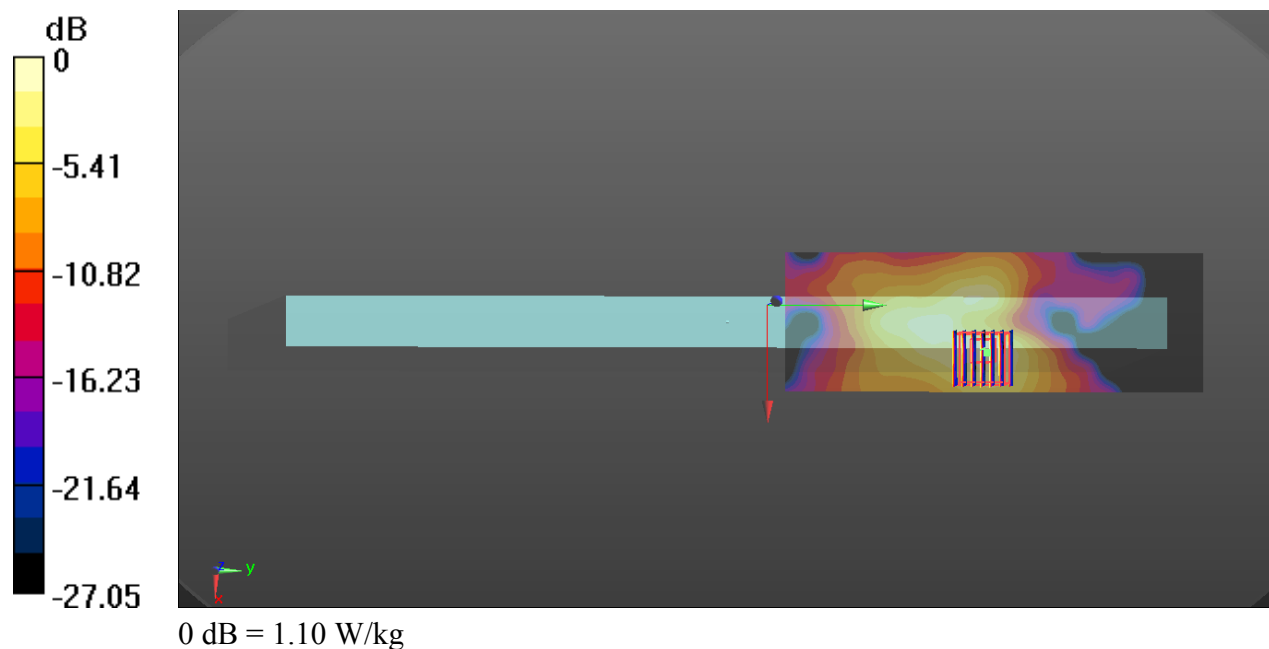
**Ch138/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.9810 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 0.450 W/kg; SAR(10 g) = 0.163 W/kg**

Maximum value of SAR (measured) = 1.05 W/kg



### #04\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 1\_0mm\_Ch155\_Ant 2

Communication System: WIFI ; Frequency: 5775 MHz;Duty Cycle: 1:1.069  
Medium: MSL\_5750\_160302 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 6.168$  S/m;  $\epsilon_r = 49.921$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

**Ambient Temperature:** 23.3 °C ; **Liquid Temperature:** 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(3.81, 3.81, 3.81); Calibrated: 2015.11.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2015.11.23
- Phantom: ELI v5.0(Right); Type: QDOVA001BB; Serial: TP:1225
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Ch155/Area Scan (61x181x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.23 W/kg

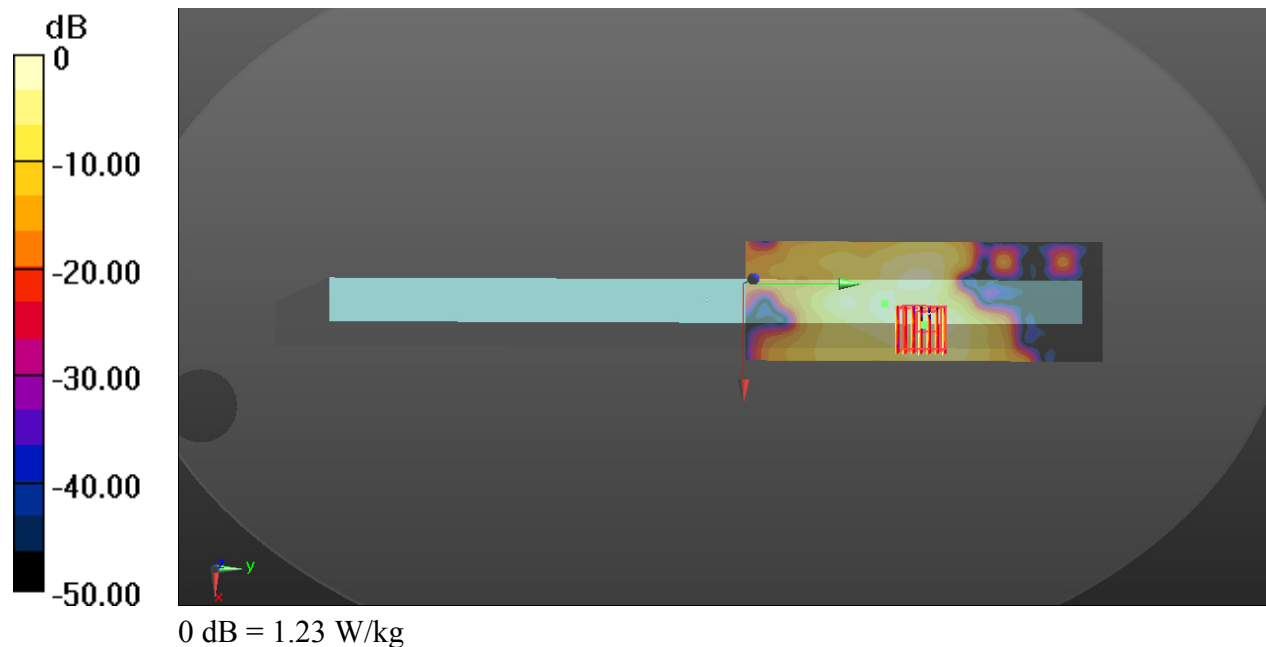
**Ch155/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.4290 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.70 W/kg

**SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.120 W/kg**

Maximum value of SAR (measured) = 1.00 W/kg



## #05\_Bluetooth\_1Mbps\_Bottom Face\_0mm\_Ch78\_Ant 2

Communication System: Bluetooth ; Frequency: 2480 MHz; Duty Cycle: 1:1.2

Medium: MSL\_2450\_160303 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.982$  S/m;  $\epsilon_r = 51.106$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.08, 7.08, 7.08); Calibrated: 2015.11.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2015.11.24
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch78/Area Scan (101x161x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.101 W/kg

**Ch78/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.294 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.188 W/kg

**SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.091 W/kg**

Maximum value of SAR (measured) = 0.188 W/kg

