

**Wifi 2.4G-Body**

Communication System: UID 0, Generic WIFI (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.684$  S/m;  $\epsilon_r = 37.502$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature: 22.6°C; Liquid Temperature: 22.4°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(7.91, 7.91, 7.91) @ 2412 MHz; Calibrated: 4/1/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/4/2020
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Bottom/CH 1/Area Scan (71x201x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0394 W/kg

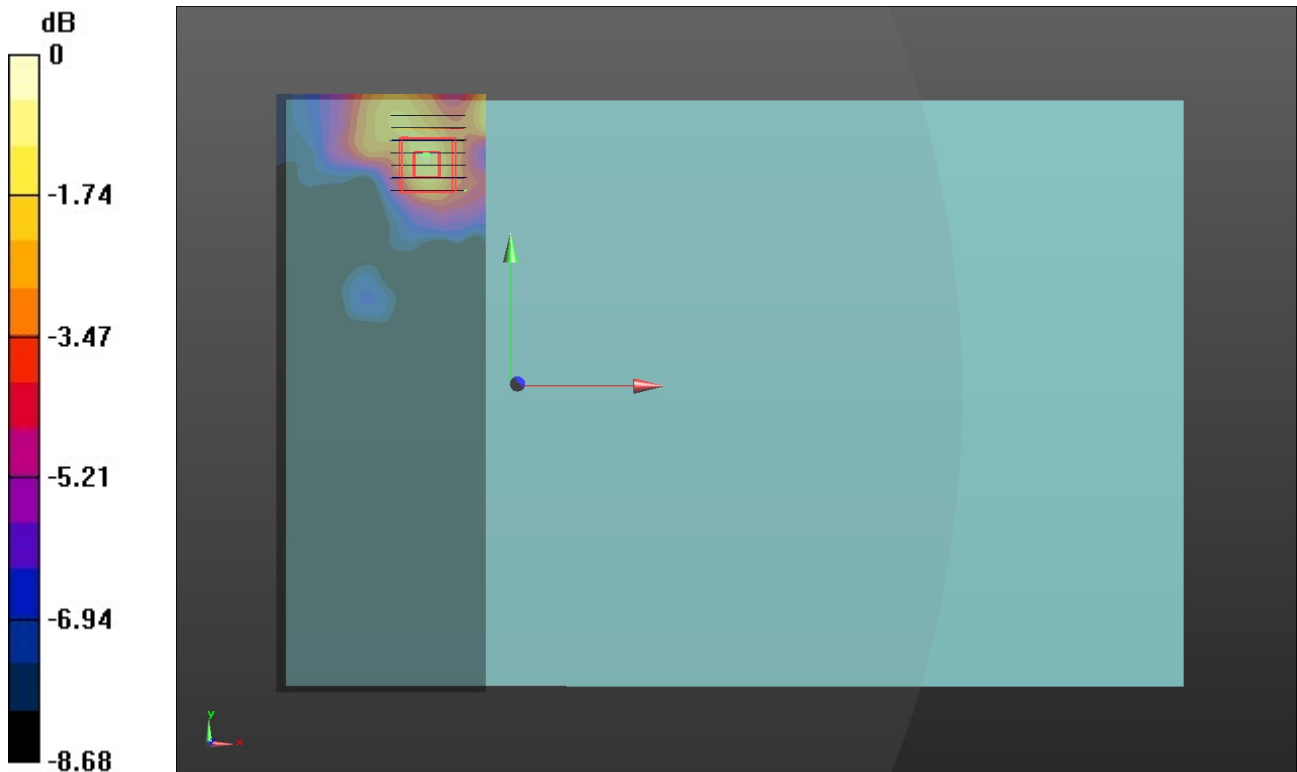
**Bottom/CH 1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.115 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.0640 W/kg

**SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.014 W/kg**

Maximum value of SAR (measured) = 0.0504 W/kg



0 dB = 0.0504 W/kg = -12.98 dBW/kg

**Wifi 5G U-NII-1-Body**

Communication System: UID 0, Generic WIFI (0); Frequency: 5190 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5190 \text{ MHz}$ ;  $\sigma = 4.475 \text{ S/m}$ ;  $\epsilon_r = 34.646$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature:  $22.5^\circ\text{C}$ ; Liquid Temperature:  $22.3^\circ\text{C}$ ;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(5.58, 5.58, 5.58) @ 5190 MHz; Calibrated: 4/1/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/4/2020
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Bottom/CH 38/Area Scan (81x141x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.206 \text{ W/kg}$

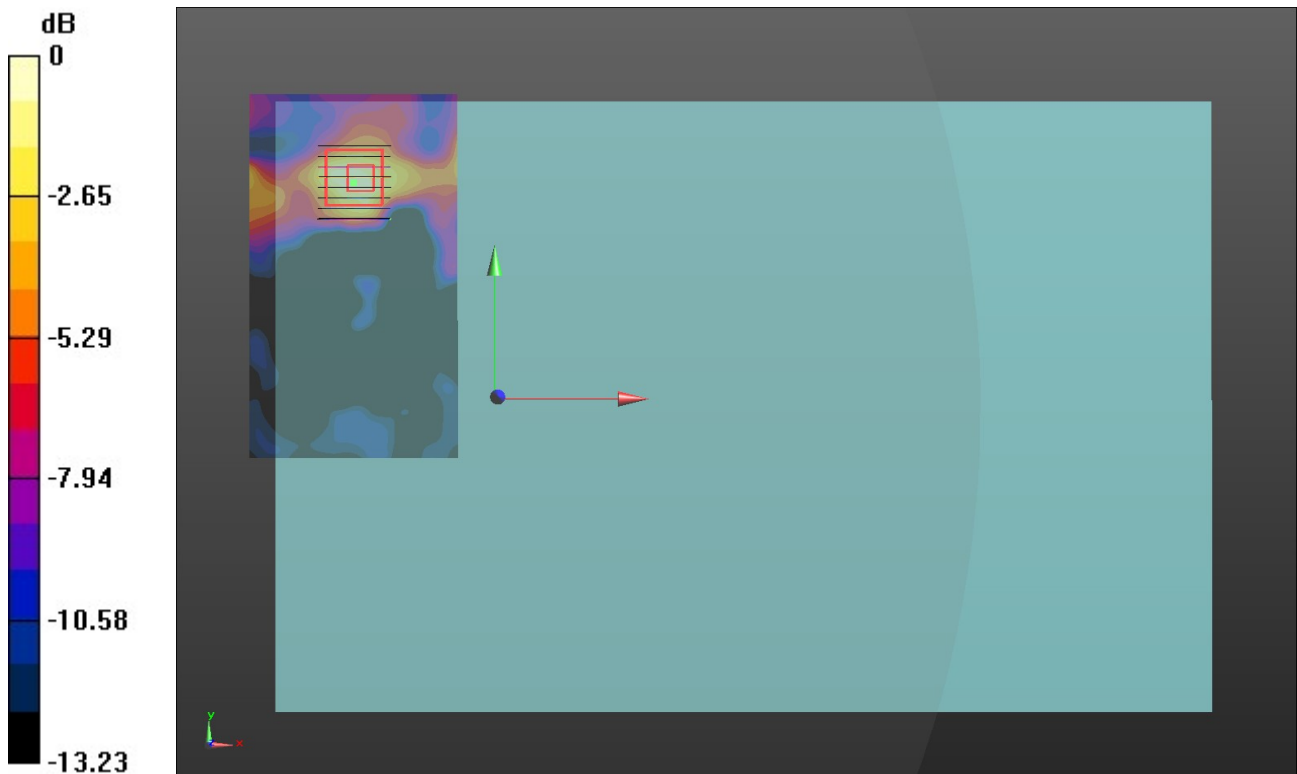
**Bottom/CH 38/Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $1.763 \text{ V/m}$ ; Power Drift =  $-0.12 \text{ dB}$

Peak SAR (extrapolated) =  $0.356 \text{ W/kg}$

**SAR(1 g) =  $0.100 \text{ W/kg}$ ; SAR(10 g) =  $0.041 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.227 \text{ W/kg}$



0 dB =  $0.227 \text{ W/kg}$  =  $-6.44 \text{ dBW/kg}$

**Wifi 5G U-NII-2A-Body**

Communication System: UID 0, Generic WIFI (0); Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5280$  MHz;  $\sigma = 4.517$  S/m;  $\epsilon_r = 34.499$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature: 22.3°C; Liquid Temperature: 22.1°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(5.58, 5.58, 5.58) @ 5280 MHz; Calibrated: 4/1/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/4/2020
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Bottom/CH 56/Area Scan (81x141x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.295 W/kg

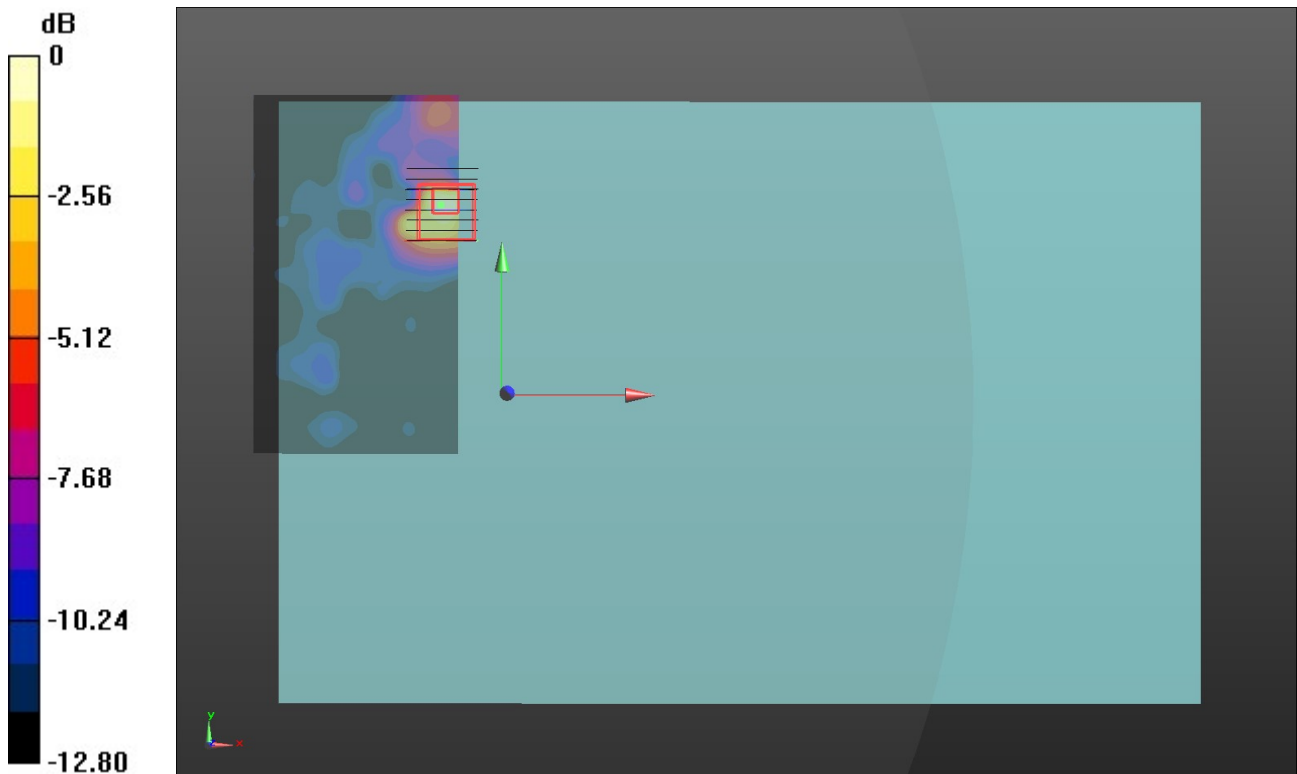
**Bottom/CH 56/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.589 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.533 W/kg

**SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.043 W/kg**

Maximum value of SAR (measured) = 0.314 W/kg



0 dB = 0.314 W/kg = -5.03 dBW/kg

**Wifi 5G U-NII-2C-Body**

Communication System: UID 0, Generic WIFI (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.844$  S/m;  $\epsilon_r = 34.127$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature: 22.4°C; Liquid Temperature: 22.2°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(4.95, 4.95, 4.95) @ 5500 MHz; Calibrated: 4/1/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/4/2020
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Bottom/CH 100/Area Scan (81x141x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.544 W/kg

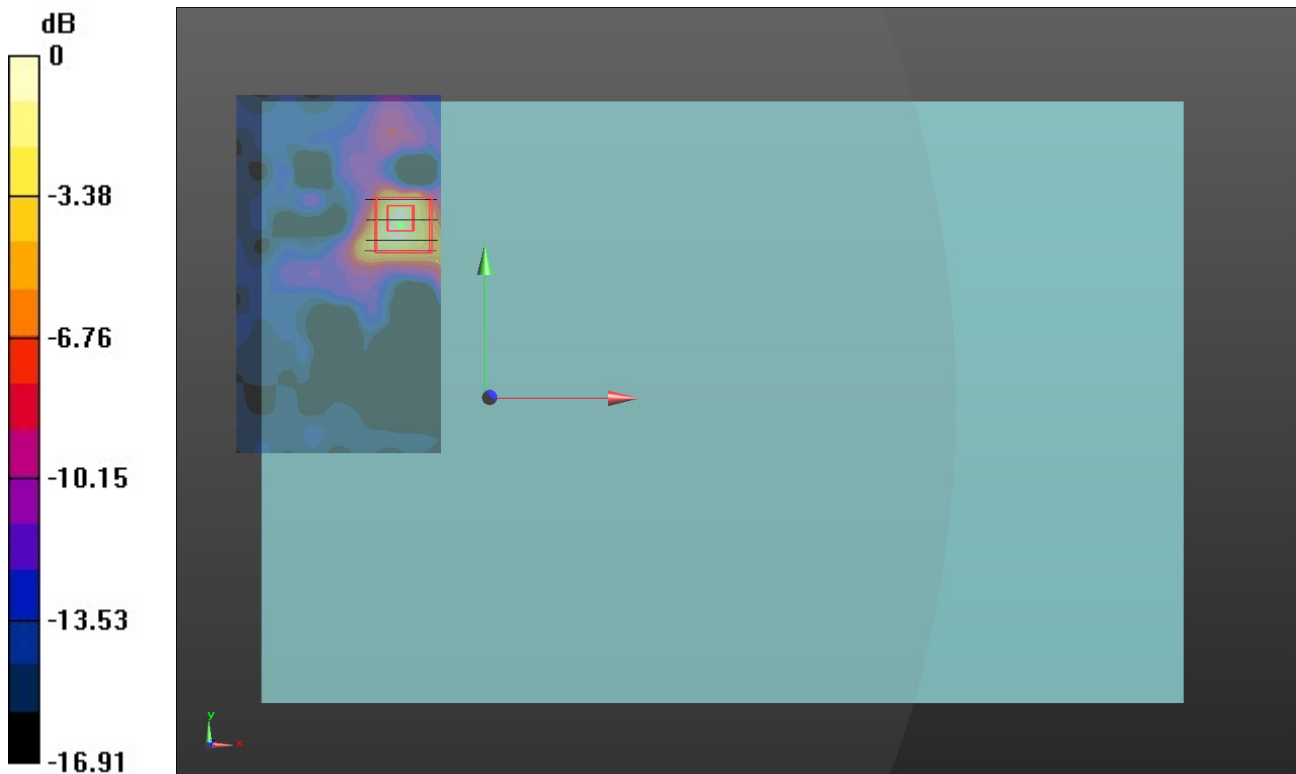
**Bottom/CH 100/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.488 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.085 W/kg**

Maximum value of SAR (measured) = 0.597 W/kg



0 dB = 0.597 W/kg = -2.24 dBW/kg

**Wifi 5G U-NII-3-Body**

Communication System: UID 0, Generic WIFI (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 5745$  MHz;  $\sigma = 5.015$  S/m;  $\epsilon_r = 33.686$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature: 22.2°C; Liquid Temperature: 22.0°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(4.76, 4.76, 4.76) @ 5745 MHz; Calibrated: 4/1/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/4/2020
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Bottom/CH 149/Area Scan (81x141x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.197 W/kg

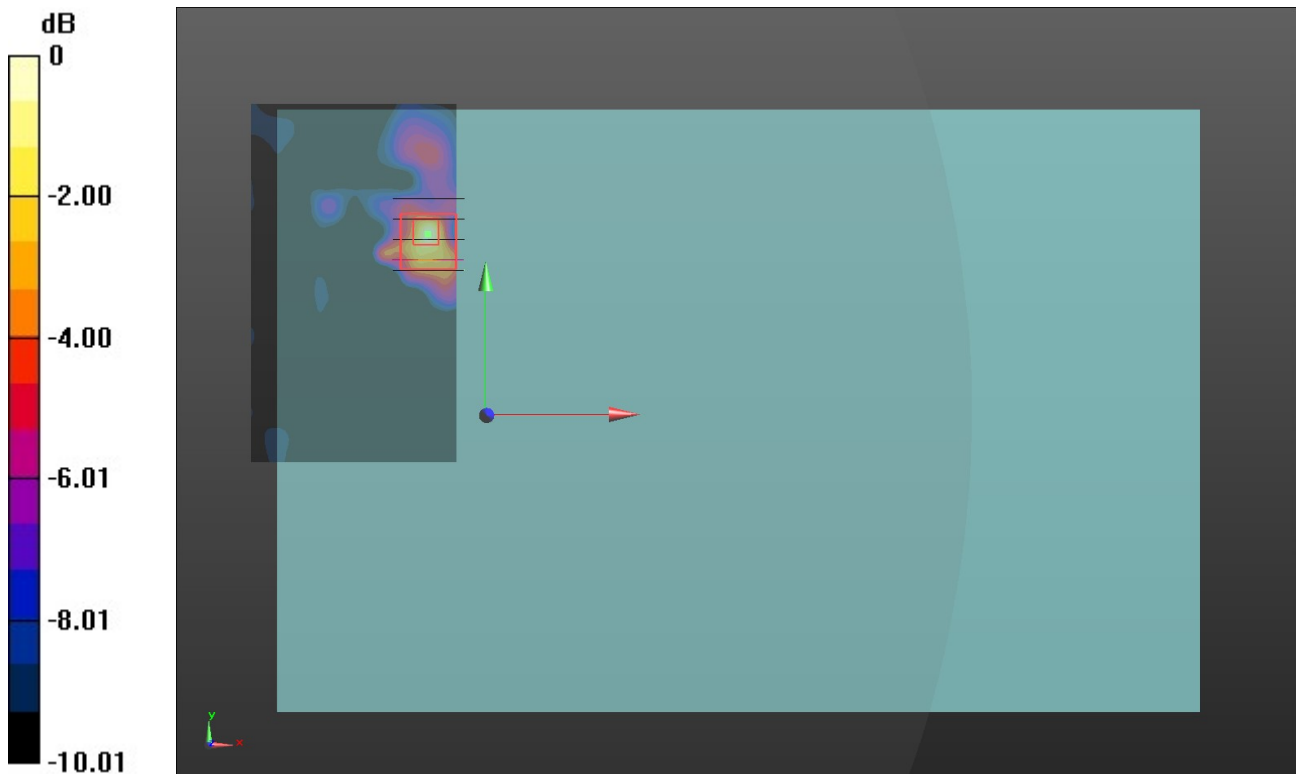
**Bottom/CH 149/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.613 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.317 W/kg

**SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.027 W/kg**

Maximum value of SAR (measured) = 0.194 W/kg



0 dB = 0.194 W/kg = -7.12 dBW/kg