

## WiFi 2.4G-Limbs

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

Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.853$  S/m;  $\epsilon_r = 40.507$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature: 22.5°C; Liquid Temperature: 22.3°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)

**Front/CH 1/Area Scan (121x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.323 W/kg

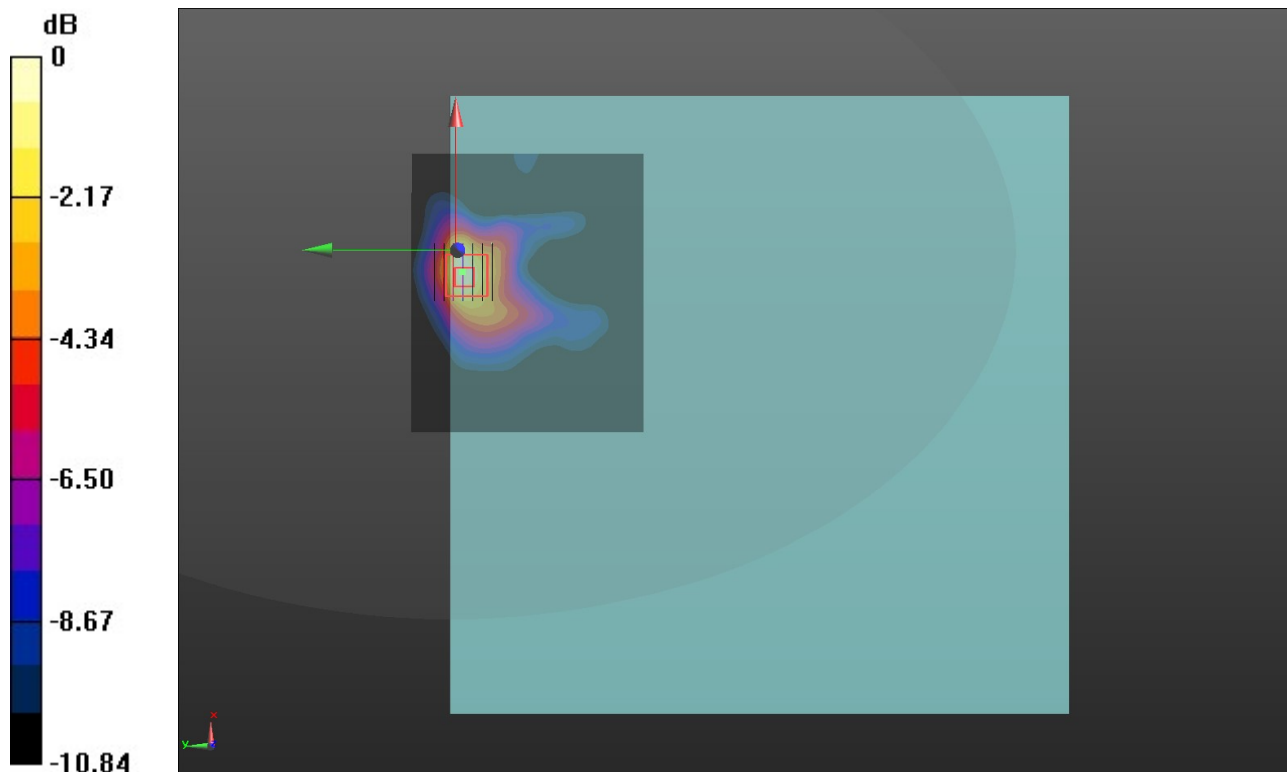
**Front/CH 1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.57 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.420 W/kg

**SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.083 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-1-Limbs

Communication System: UID 0, Generic WIFI (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.49$  S/m;  $\epsilon_r = 34.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

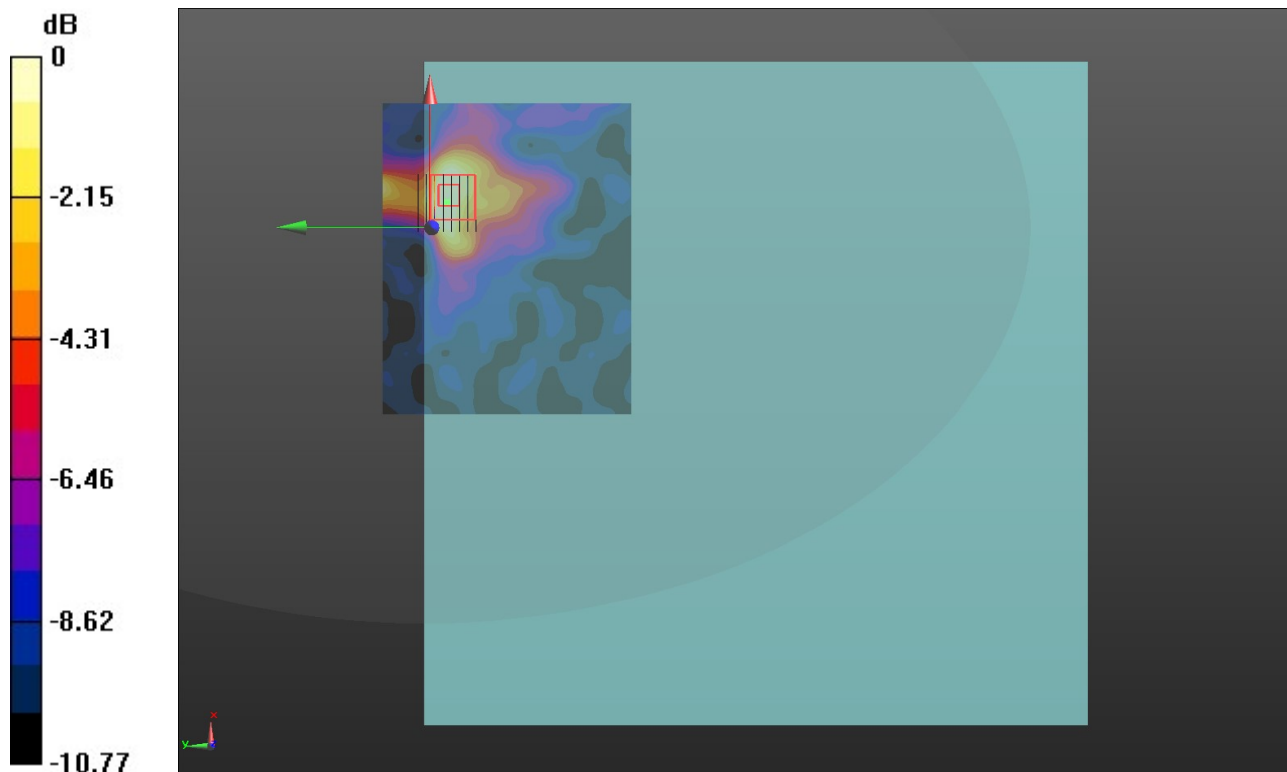
Ambient Temperature: 22.4°C; Liquid Temperature: 22.2°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(5.58, 5.58, 5.58) @ 5200 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)

**Front/CH 40/Area Scan (151x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.399 W/kg

**Front/CH 40/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
 Reference Value = 4.528 V/m; Power Drift = -0.17 dB  
 Peak SAR (extrapolated) = 0.560 W/kg  
**SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.054 W/kg**  
 Maximum value of SAR (measured) = 0.293 W/kg



0 dB = 0.293 W/kg = -5.33 dBW/kg

### WiFi 5G U-NII-2A-Limbs

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

Medium parameters used:  $f = 5280 \text{ MHz}$ ;  $\sigma = 4.576 \text{ S/m}$ ;  $\epsilon_r = 34.699$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

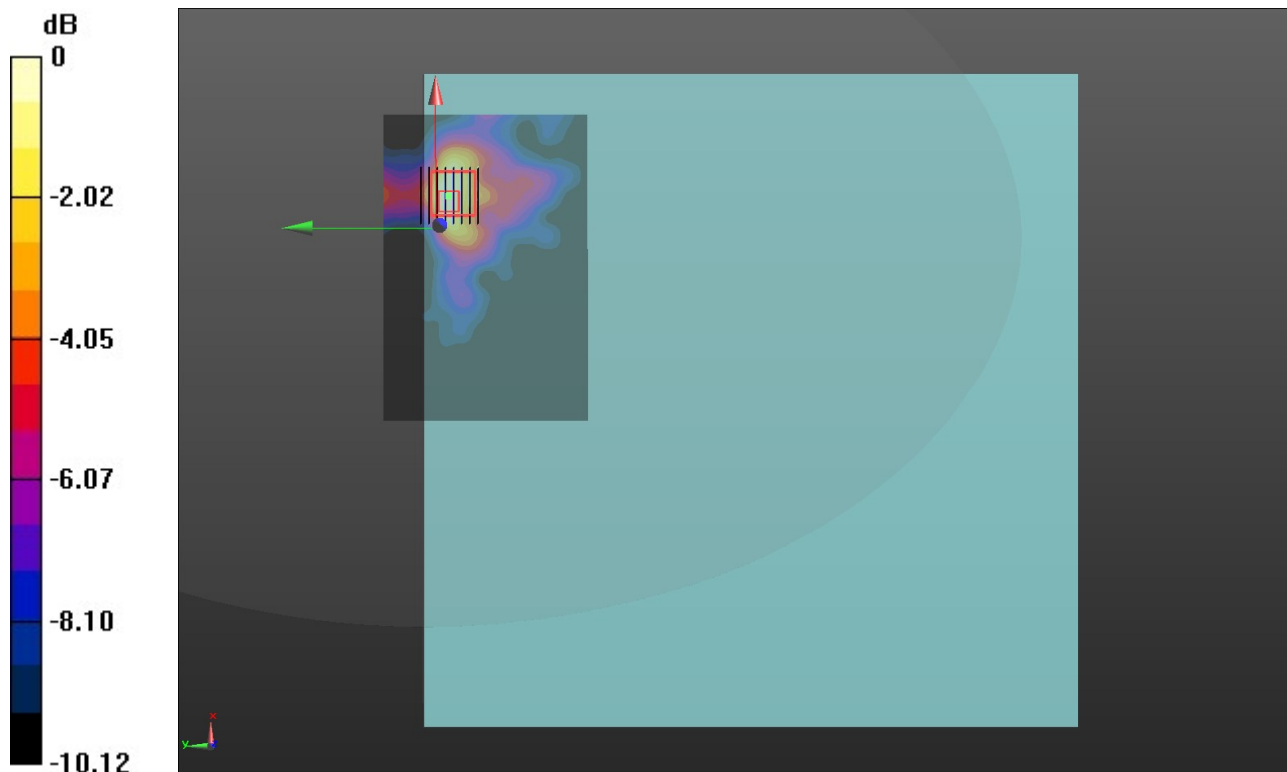
Ambient Temperature:  $22.3^\circ\text{C}$ ; Liquid Temperature:  $22.1^\circ\text{C}$ ;

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)

**Front/CH 56/Area Scan (151x101x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.432 \text{ W/kg}$

**Front/CH 56/Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$   
 Reference Value =  $2.351 \text{ V/m}$ ; Power Drift =  $-0.13 \text{ dB}$   
 Peak SAR (extrapolated) =  $0.696 \text{ W/kg}$   
**SAR(1 g) =  $0.173 \text{ W/kg}$ ; SAR(10 g) =  $0.070 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $0.377 \text{ W/kg}$



0 dB =  $0.377 \text{ W/kg} = -4.24 \text{ dBW/kg}$

### WiFi 5G U-NII-3-Limbs

Communication System: UID 0, Generic WIFI (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 5825$  MHz;  $\sigma = 5.18$  S/m;  $\epsilon_r = 33.747$ ;  $\rho = 1000$  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) @ 5825 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)

**Front/CH 165/Area Scan (151x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.306 W/kg

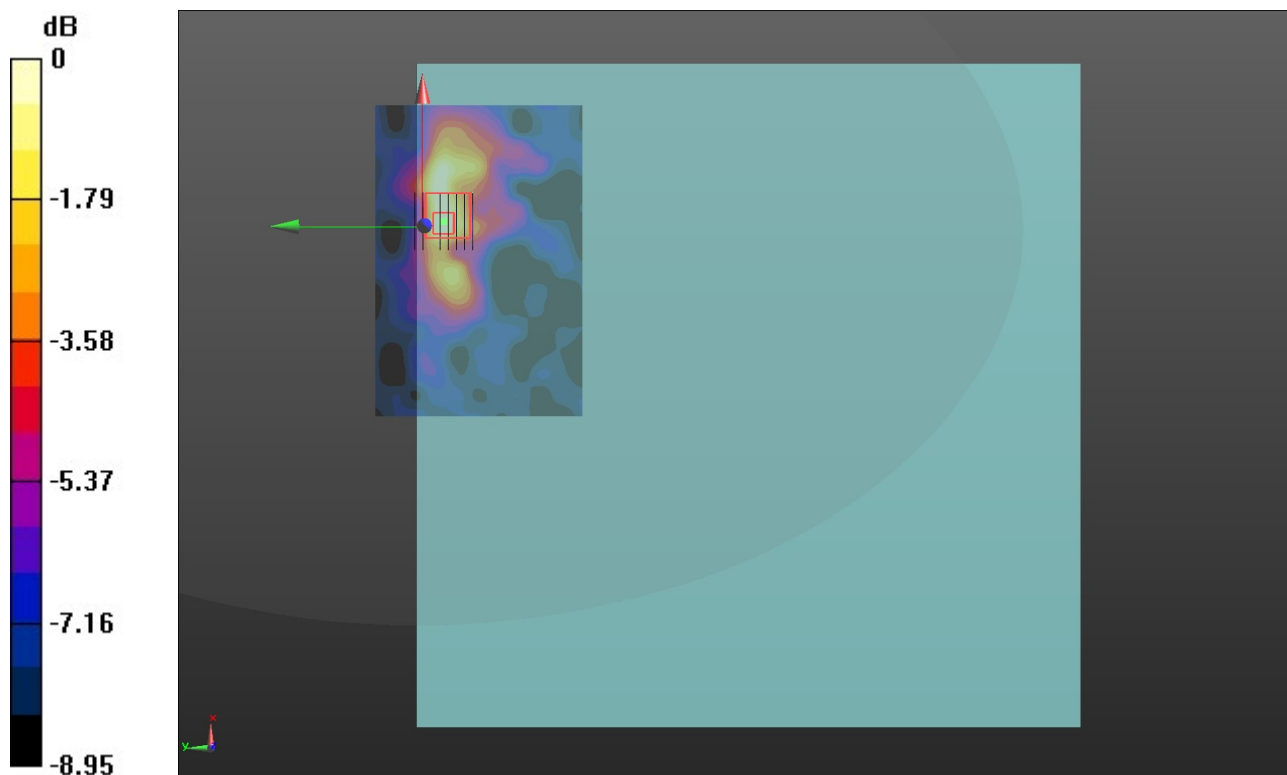
**Front/CH 165/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.803 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.508 W/kg

**SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.051 W/kg**

Maximum value of SAR (measured) = 0.259 W/kg



0 dB = 0.259 W/kg = -5.87 dBW/kg