

**WIFI 2.4G 802.11n(HT40)**

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

Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.799$  S/m;  $\epsilon_r = 40.272$ ;  $\rho = 1000$  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(7.9, 7.9, 7.9) @ 2412 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/19/2019
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Rear/CH 1/Area Scan (101x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.50 W/kg

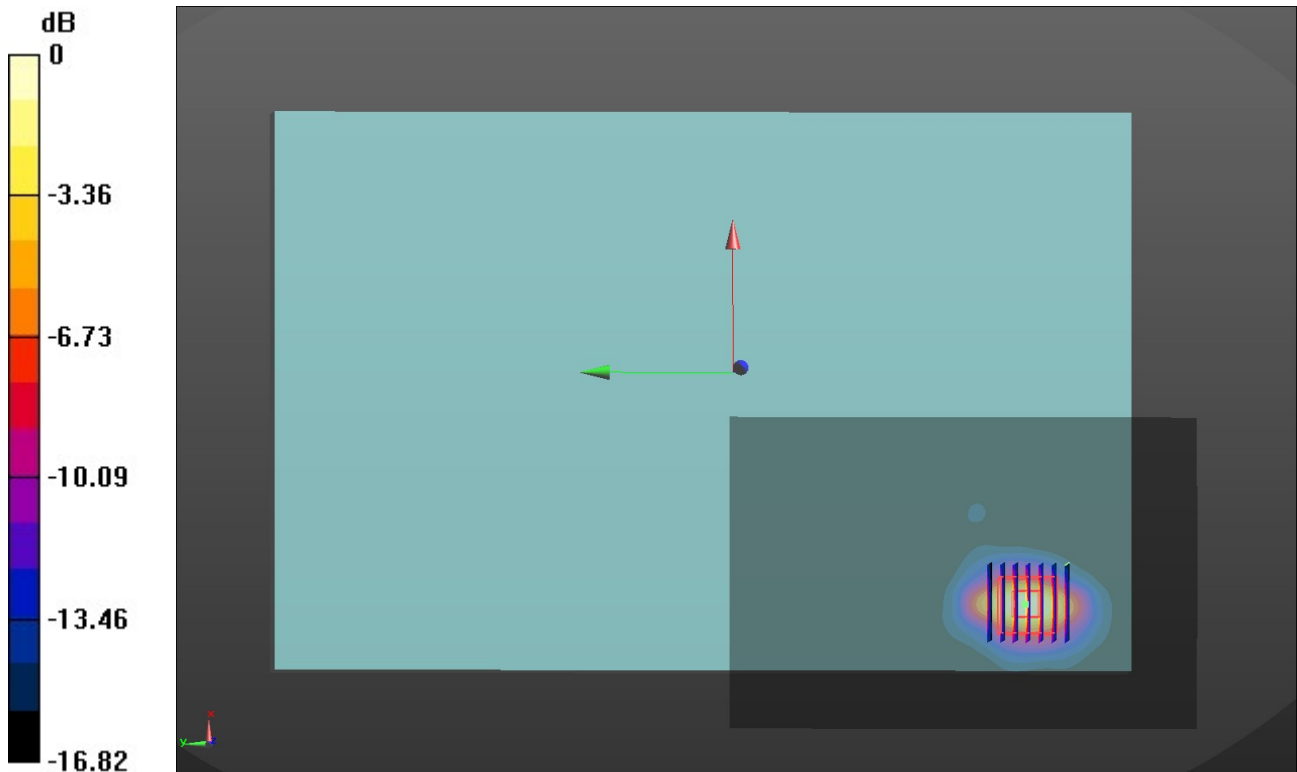
**Rear/CH 1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.527 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.75 W/kg

**SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.723 W/kg**

Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

**WIFI 5G U-NII-1**

Communication System: UID 0, Generic WIFI (0); Frequency: 5220 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 5220$  MHz;  $\sigma = 4.516$  S/m;  $\epsilon_r = 35.589$ ;  $\rho = 1000$  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(5.56, 5.56, 5.56) @ 5220 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/19/2019
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Rear/CH 44/Area Scan (121x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.55 W/kg

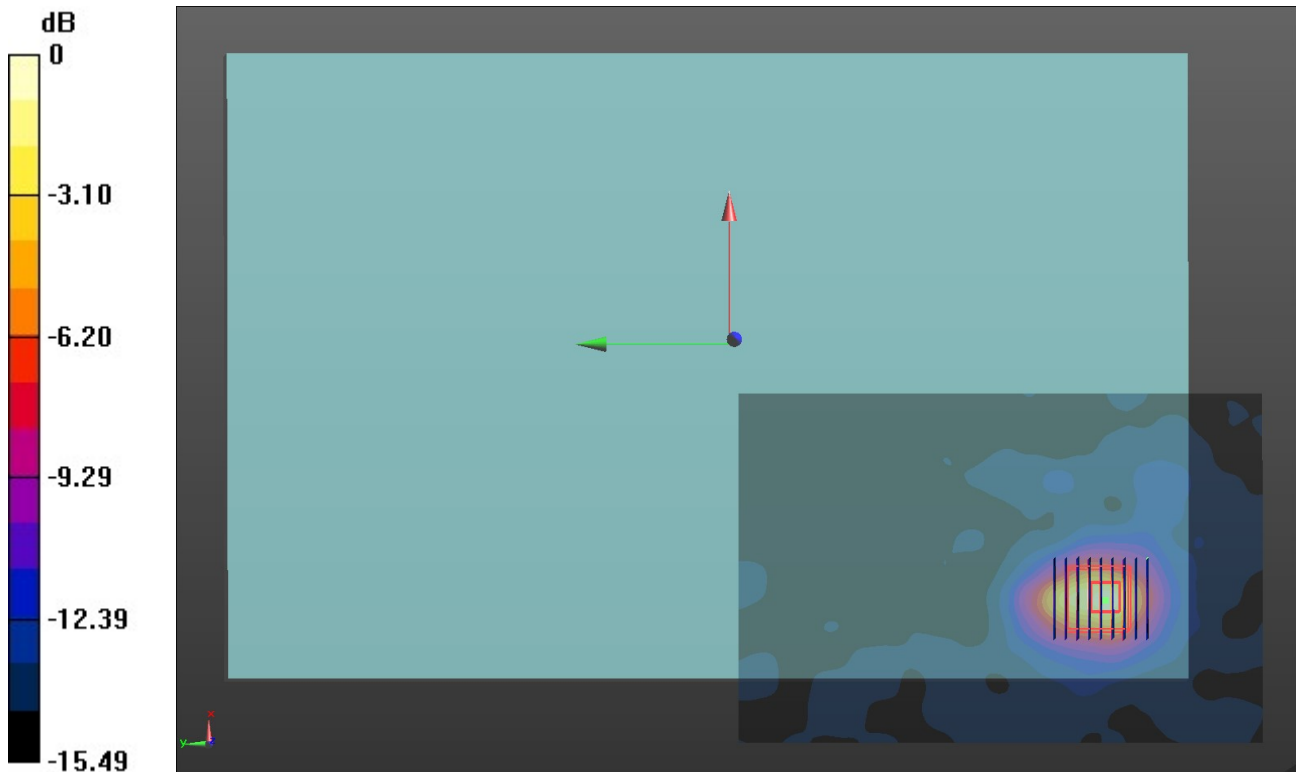
**Rear/CH 44/Zoom Scan (8x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.388 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 4.55 W/kg

**SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.401 W/kg**

Maximum value of SAR (measured) = 2.66 W/kg



0 dB = 2.66 W/kg = 4.25 dBW/kg

**WIFI 5G U-NII-1**

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

Medium parameters used (interpolated):  $f = 5745$  MHz;  $\sigma = 5.084$  S/m;  $\epsilon_r = 34.671$ ;  $\rho = 1000$  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(4.85, 4.85, 4.85) @ 5745 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/19/2019
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Rear/CH 149/Area Scan (121x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.38 W/kg

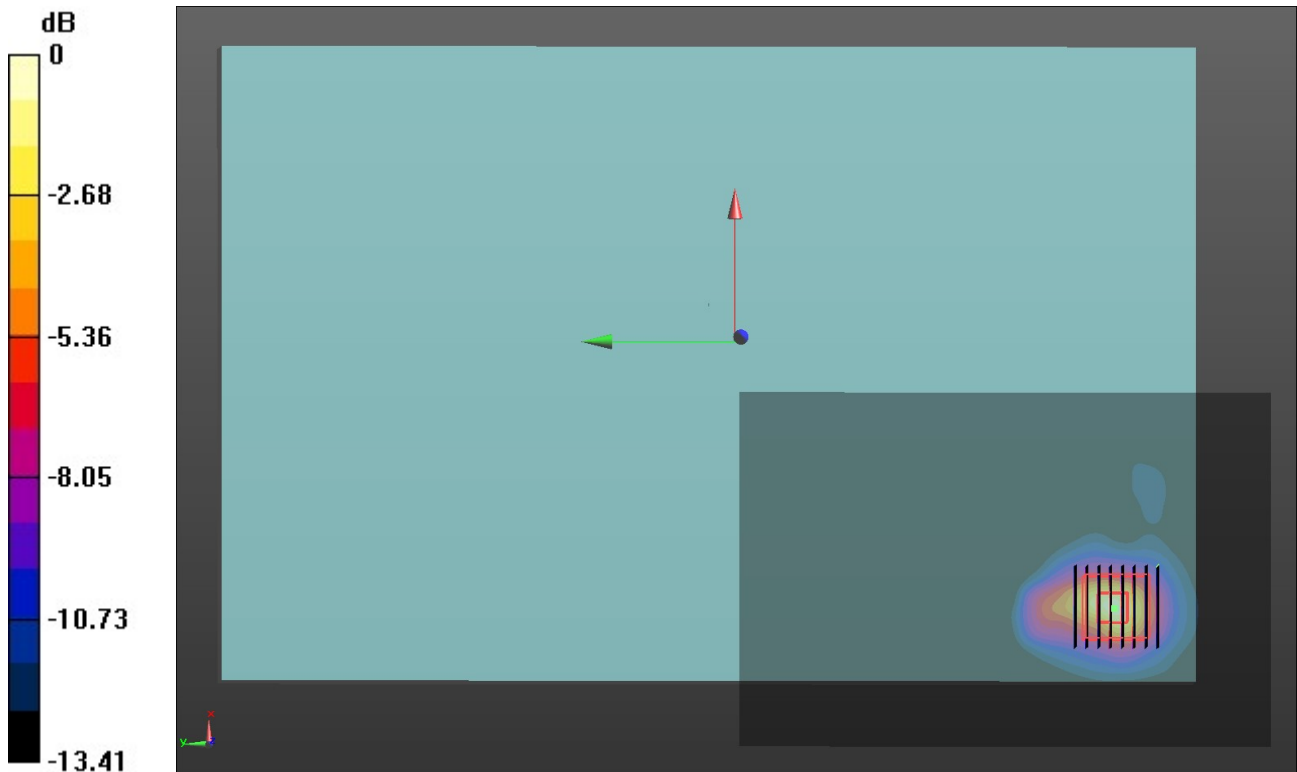
**Rear/CH 149/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.441 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 6.81 W/kg

**SAR(1 g) = 1.26 W/kg; SAR(10 g) = 0.508 W/kg**

Maximum value of SAR (measured) = 3.70 W/kg



0 dB = 3.70 W/kg = 5.68 dBW/kg