

## Wi-Fi 5GHz (Baseline)

Frequency: 5620 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5620$  MHz;  $\sigma = 5.859$  S/m;  $\epsilon_r = 46.246$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2015
- Probe: EX3DV4 - SN3901; ConvF(3.8, 3.8, 3.8); Calibrated: 1/27/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1099

**Rear/802.11a\_Ch 124/Area Scan (9x16x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.81 W/kg

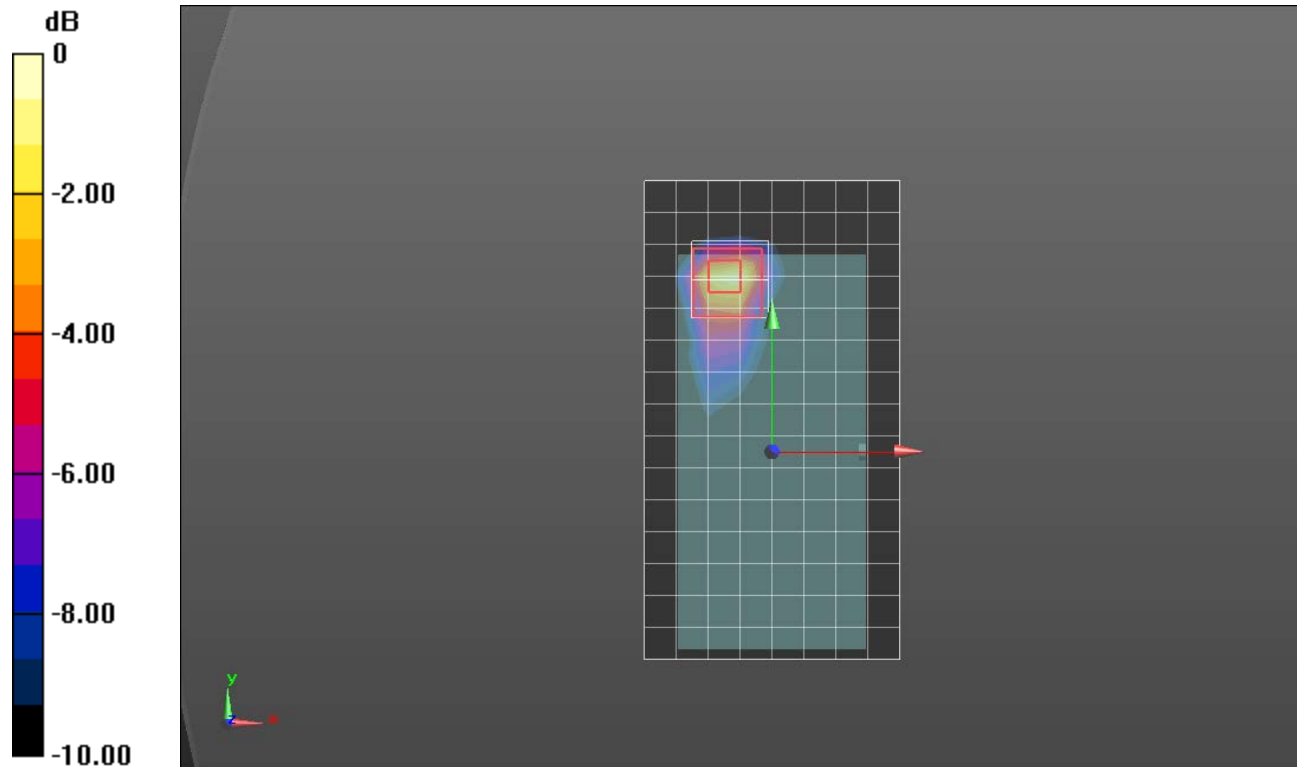
**Rear/802.11a\_Ch 124/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 16.224 V/m; Power Drift = 0.35 dB

Peak SAR (extrapolated) = 4.14 W/kg

**SAR(1 g) = 0.927 W/kg; SAR(10 g) = 0.262 W/kg**

Maximum value of SAR (measured) = 1.94 W/kg



0 dB = 1.94 W/kg = 2.88 dBW/kg

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### WiFi 5.5GHz

Frequency: 5620 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5620$  MHz;  $\sigma = 5.904$  mho/m;  $\epsilon_r = 50.36$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg

- Electronics: DAE4 8n1239; Calibrated: 6/6/2012

- Probe: EXDOV4 - 8N3773; ComF(3.46, 3.46, 3.46); Calibrated: 3/14/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)

- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Front/802.11a\_Ch 124/Area Scan (10x15x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.579 mW/g

**Front/802.11a\_Ch 124/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 17.655 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 4.9650

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.316 mW/g

Maximum value of SAR (measured) = 2.286 mW/g

