

# Appendix B

## Detailed Test Results

2.4G for Limbs
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Test Laboratory: SGS-SAR Lab

## Noble NB4 Pro+ 2440.4MHz Top side 0mm

**DUT: Noble NB4 Pro+; Type: Automatic Frequency Hopping Digital System**

Communication System: UID 0; Frequency: 2440.4 MHz; Duty Cycle: 1:1.85

Medium: HSL2450; Medium parameters used:  $f = 2440.4$  MHz;  $\sigma = 1.789$  S/m;  $\epsilon_r = 40.453$ ;  $\rho = 1000$  kg/m<sup>3</sup> Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.95, 6.95, 6.95); Calibrated: 2023/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2023/3/17
- Phantom: SAM 6; Type: SAM Twin; Serial: 1913
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Head/Area Scan (6x10x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 5.83 W/kg

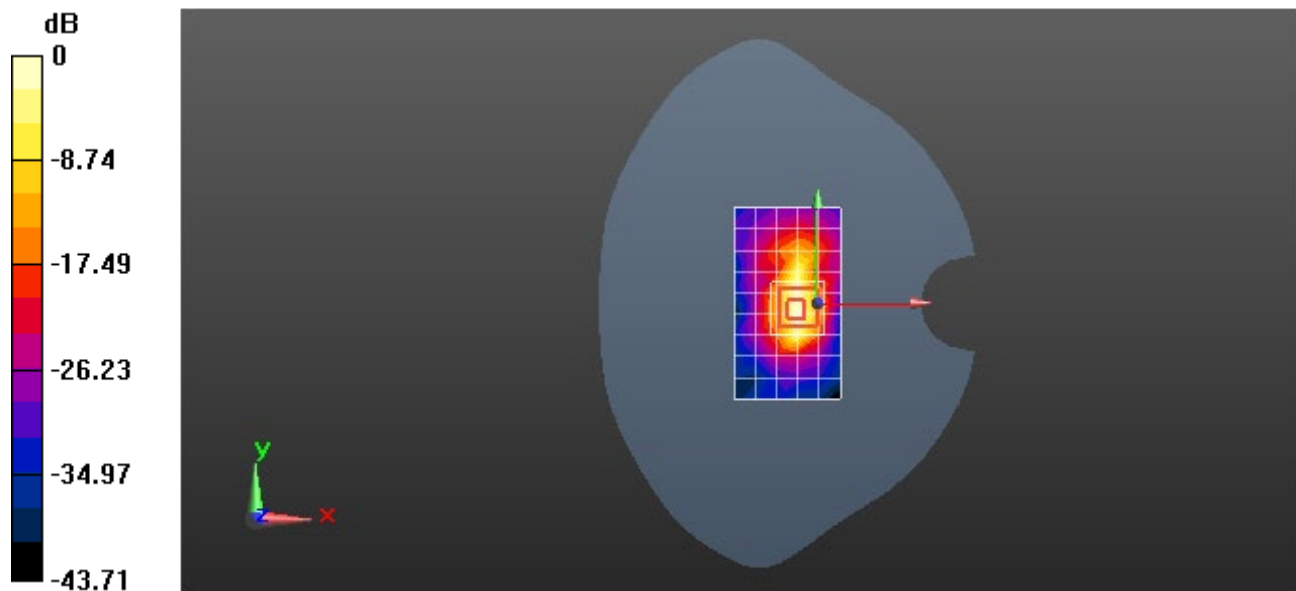
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.89 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 8.34 W/kg

**SAR(1 g) = 2.8 W/kg; SAR(10 g) = 0.958 W/kg**

Maximum value of SAR (measured) = 5.75 W/kg



0 dB = 5.83 W/kg = 7.66 dBW/kg