

# Appendix B

## Detailed Test Results

1. 2.4G

2.4G Proprietary



Test Laboratory: SGS-SAR Lab

## QUANTUM 950X 2.4G DH5 78CH Front side 0mm

**DUT: QUANTUM 950X;**

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.645

Medium: HSL2450; Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.827$  S/m;  $\epsilon_r = 39.581$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.98, 6.98, 6.98); Calibrated: 2025-01-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2025-03-27
- Phantom: SAM 6; Type: SAM Twin; Serial: 1913
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (9x9x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.489 W/kg

**Configuration/Body/Zoom Scan (7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.97 V/m; Power Drift = -0.07 dB

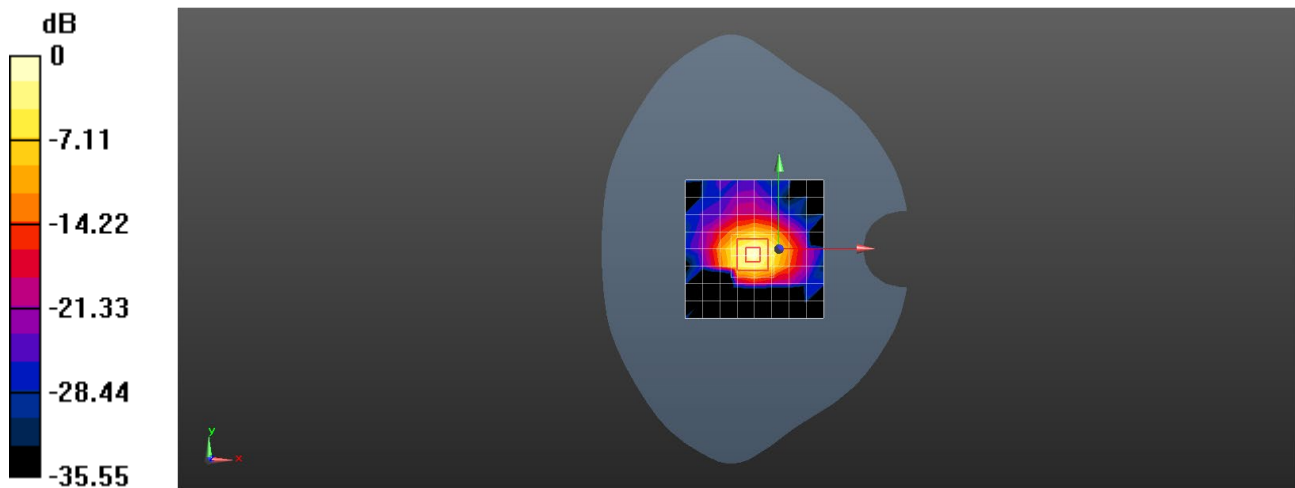
Peak SAR (extrapolated) = 0.690 W/kg

**SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.144 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 51.9%

Maximum value of SAR (measured) = 0.561 W/kg



0 dB = 0.561 W/kg = -2.51 dBW/kg