

# Appendix B

## Detailed Test Results

1. WIFI
WIFI 2.4G
2. BT
BT



Test Laboratory: SGS-SAR Lab

## D3200 WIFI 2.4G 802.11b 1CH Front side 0mm

### DUT: D3200

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: HSL2450;Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.713$  S/m;  $\epsilon_r = 39.615$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.55, 4.41, 4.04); Calibrated: 2024-12-10
- Sensor-Surface: 3mm (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 (7x7x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.220 W/kg

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

Reference Value = 7.990 V/m; Power Drift = 0.06 dB

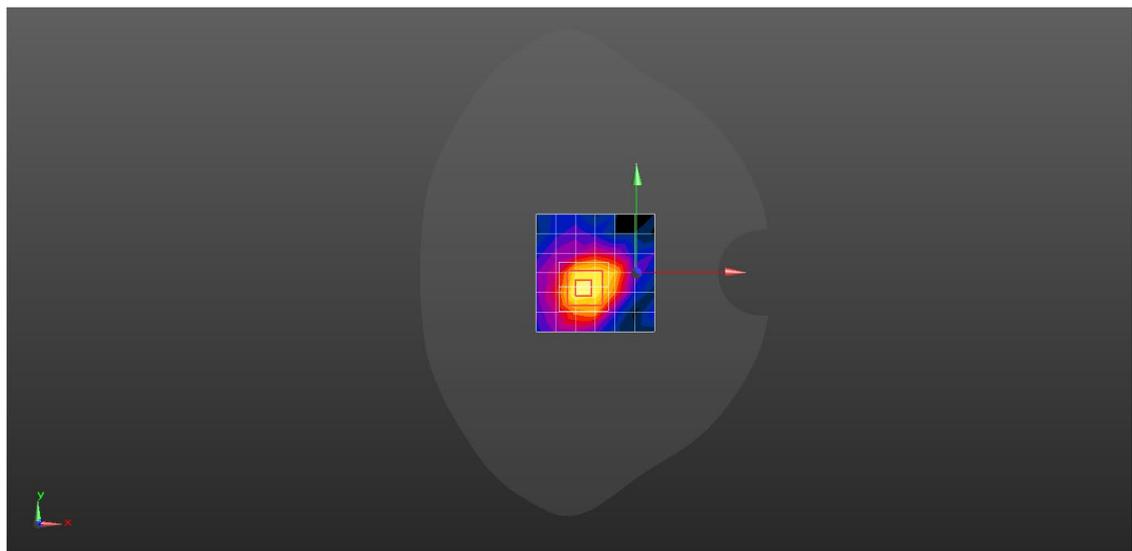
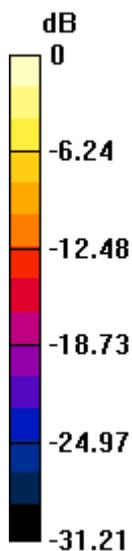
Peak SAR (extrapolated) = 0.812 W/kg

**SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.089 W/kg**

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 37.6%

Maximum value of SAR (measured) = 0.408 W/kg



0 dB = 0.408 W/kg = -3.89 dBW/kg

Test Laboratory: SGS-SAR Lab

## D3200 BT DH5 0CH Front side 0mm

### DUT: D3200

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.727

Medium: HSL2450; Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.732$  S/m;  $\epsilon_r = 39.886$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.55, 4.41, 4.04); Calibrated: 2024-12-10
- Sensor-Surface: 3mm (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 (6x6x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0686 W/kg

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

Reference Value = 5.174 V/m; Power Drift = 0.01 dB

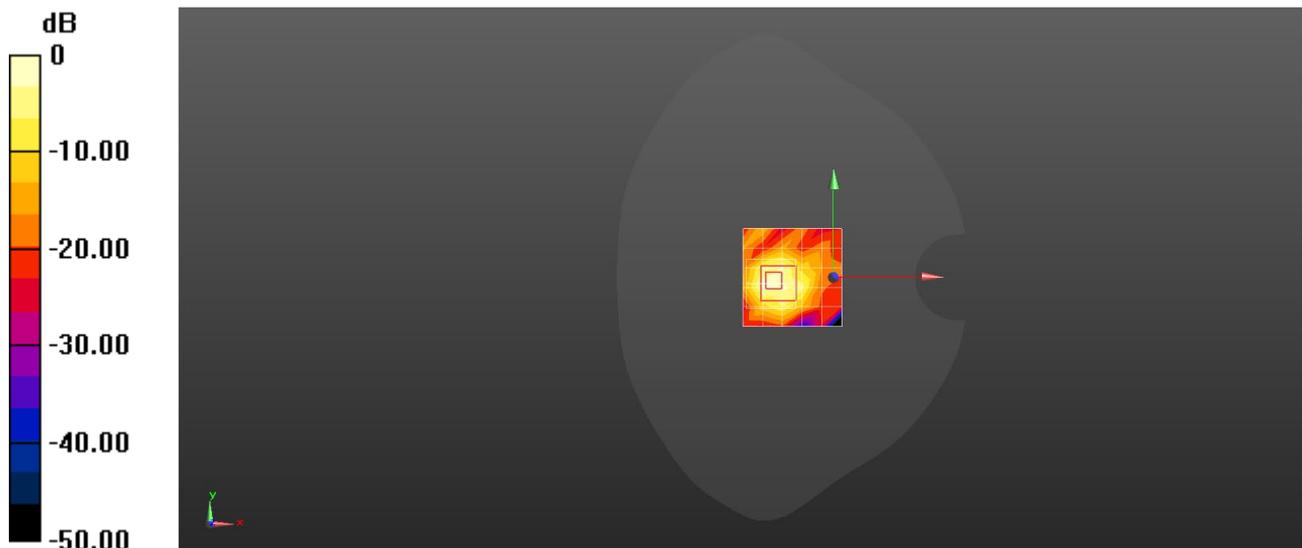
Peak SAR (extrapolated) = 0.176 W/kg

**SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.028 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 49%

Maximum value of SAR (measured) = 0.0995 W/kg



0 dB = 0.0995 W/kg = -10.02 dBW/kg