



# Appendix B

## Detailed Test Results

1.	WIFI2.4G
2.	Bluetooth

Test Laboratory: SGS-SAR Lab

## A2549 WIFI2.4G 802.11g 6M 11CH Front side 10mm

**DUT: A2549; Type: Watch; Serial: E1730020000000**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2462 MHz;Duty Cycle: 1:1.009

Medium: HSL2450;Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.777$  S/m;  $\epsilon_r = 38.471$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7767; ConvF(8.03, 8.03, 8.03); Calibrated: 2024/12/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1484; Calibrated: 2024/10/15
- Phantom: SAM 1; Type: SAM; Serial: 1609
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (8x8x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0947 W/kg

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

Reference Value = 7.849 V/m; Power Drift = 0.12 dB

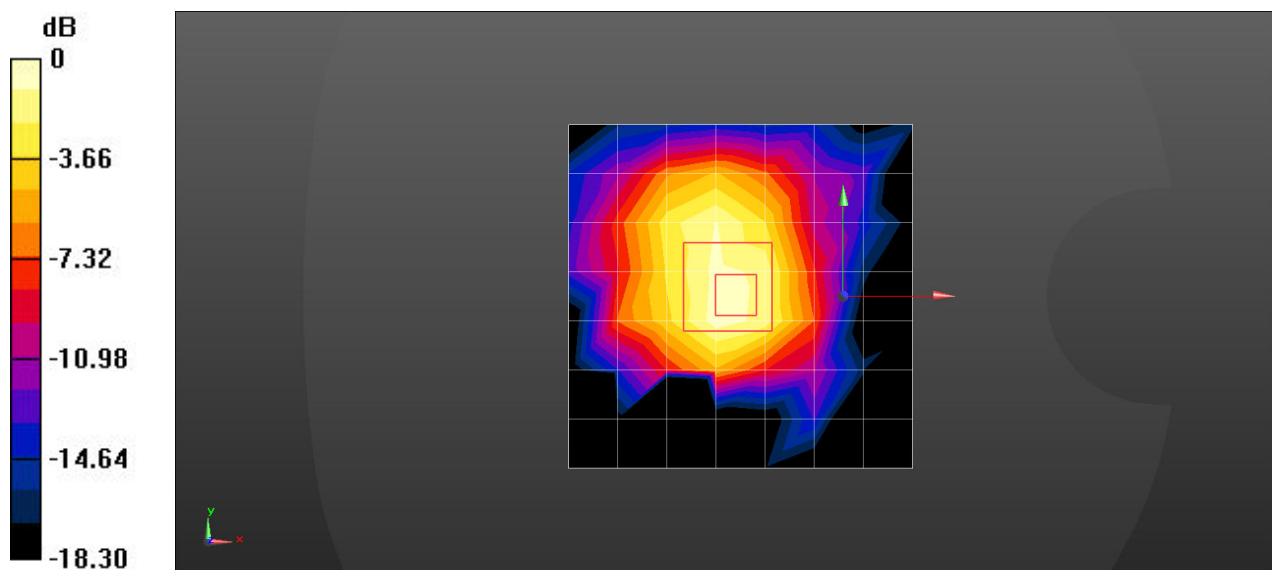
Peak SAR (extrapolated) = 0.125 W/kg

**SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.039 W/kg**

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 59.7%

Maximum value of SAR (measured) = 0.107 W/kg



0 dB = 0.107 W/kg = -9.71 dBW/kg

Test Laboratory: SGS-SAR Lab

## A2549 WIFI2.4G 802.11g 6M 11CH Back side 0mm

**DUT: A2549; Type: Watch; Serial: E1730020000000**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2462 MHz;Duty Cycle: 1:1.009

Medium: HSL2450;Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.777$  S/m;  $\epsilon_r = 38.471$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7767; ConvF(8.03, 8.03, 8.03); Calibrated: 2024/12/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1484; Calibrated: 2024/10/15
- Phantom: SAM 1; Type: SAM; Serial: 1609
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (8x8x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.199 W/kg

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

Reference Value = 6.620 V/m; Power Drift = -0.09 dB

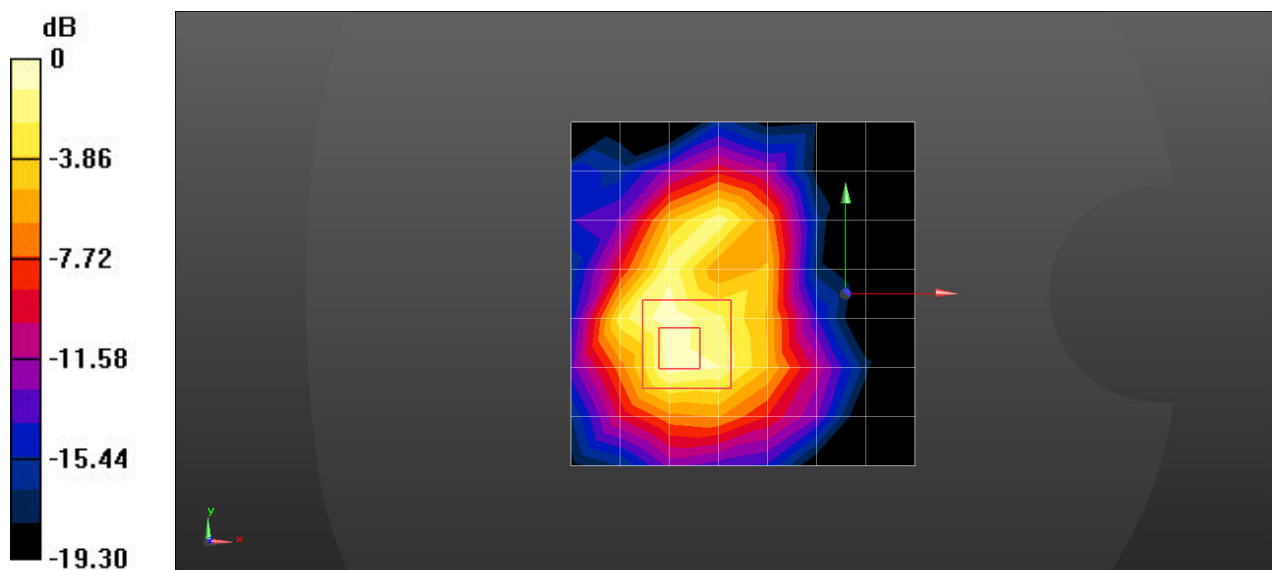
Peak SAR (extrapolated) = 0.259 W/kg

**SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.065 W/kg**

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 55%

Maximum value of SAR (measured) = 0.215 W/kg



Test Laboratory: SGS-SAR Lab

## A2549 BLE 2M 0CH Front side 10mm

**DUT: A2549; Type: Watch; Serial: E1730020000000**

Communication System: UID 0, BLE (0); Frequency: 2402 MHz; Duty Cycle: 1:2.867

Medium: HSL2450; Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.717$  S/m;  $\epsilon_r = 38.639$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7767; ConvF(8.03, 8.03, 8.03); Calibrated: 2024/12/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1484; Calibrated: 2024/10/15
- Phantom: SAM 1; Type: SAM; Serial: 1609
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (8x8x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0404 W/kg

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

Reference Value = 5.397 V/m; Power Drift = -0.01 dB

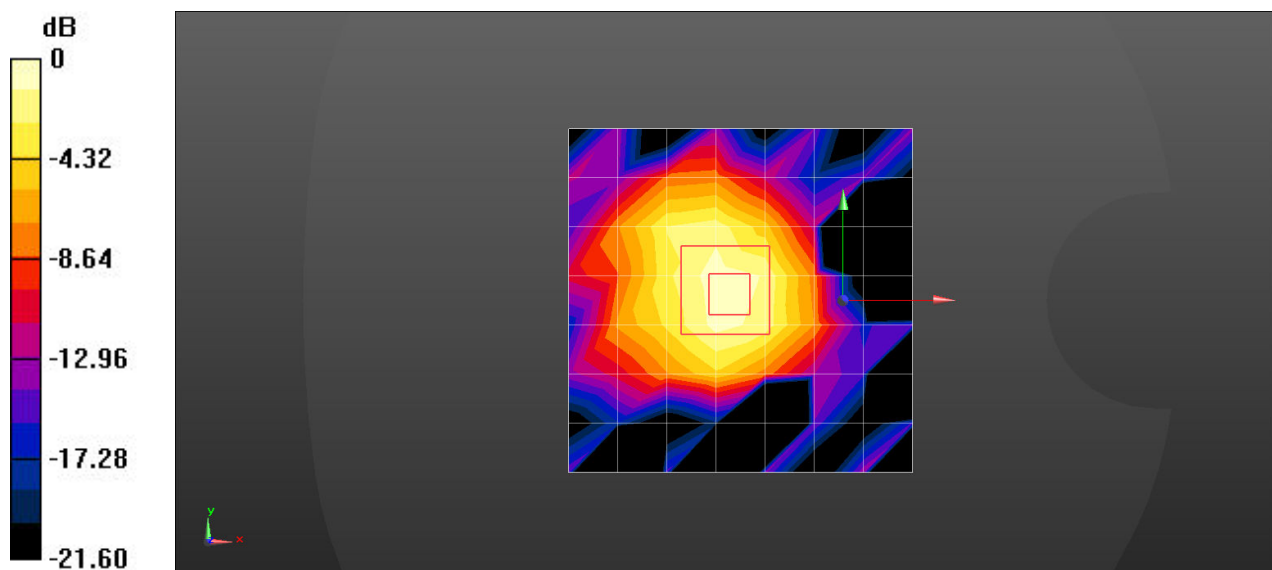
Peak SAR (extrapolated) = 0.0540 W/kg

**SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.016 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.2 mm

Ratio of SAR at M2 to SAR at M1 = 61.8%

Maximum value of SAR (measured) = 0.0460 W/kg



0 dB = 0.0460 W/kg = -13.37 dBW/kg

Test Laboratory: SGS-SAR Lab

## A2549 BLE 2M 0CH Back side 0mm

**DUT: A2549; Type: Watch; Serial: E1730020000000**

Communication System: UID 0, BLE (0); Frequency: 2402 MHz; Duty Cycle: 1:2.867

Medium: HSL2450; Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.717$  S/m;  $\epsilon_r = 38.639$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7767; ConvF(8.03, 8.03, 8.03); Calibrated: 2024/12/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1484; Calibrated: 2024/10/15
- Phantom: SAM 1; Type: SAM; Serial: 1609
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (8x8x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0741 W/kg

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

Reference Value = 4.595 V/m; Power Drift = 0.18 dB

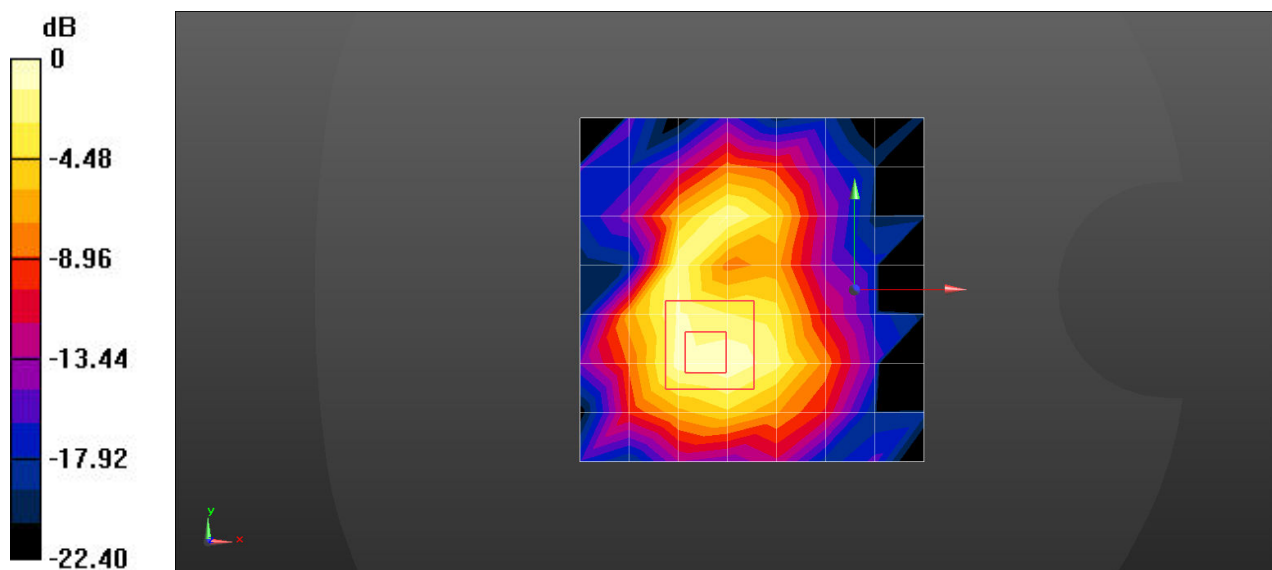
Peak SAR (extrapolated) = 0.0920 W/kg

**SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.023 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 54.9%

Maximum value of SAR (measured) = 0.0754 W/kg



0 dB = 0.0754 W/kg = -11.23 dBW/kg



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