

# Appendix B

## Detailed Test Results

1. LTE
LTE Band 38 for Next to the mouth & Extremity
LTE Band 41 for Next to the mouth & Extremity
2. WIFI
WIFI 2.4G for Next to the mouth & Extremity

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.  
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Test Laboratory: SGS-SAR Lab

## OW19W12 LTE Band 38 20M QPSK 1RB50 38150CH Next to the mouth 10mm

**DUT: OW19W12; Type: OPPO Watch; Serial: 11bb3a5c**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2610 MHz; Duty Cycle: 1:1.58

Medium: HSL2600; Medium parameters used:  $f = 2610$  MHz;  $\sigma = 1.997$  S/m;  $\epsilon_r = 39.416$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.74, 7.74, 7.74); Calibrated: 2019-10-22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.10.3(1513); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x8x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.247 W/kg

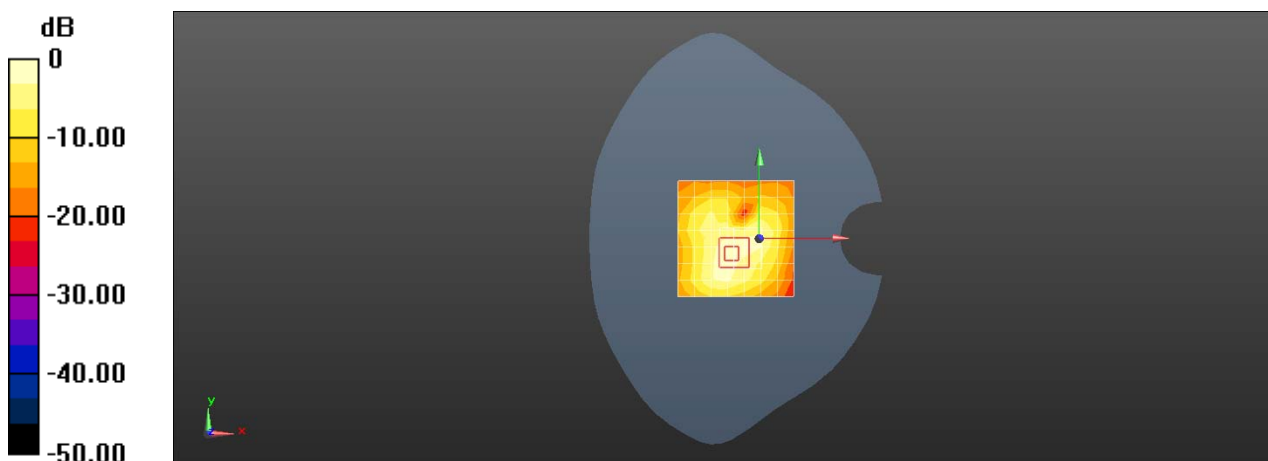
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.556 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.336 W/kg

**SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.086 W/kg**

Maximum value of SAR (measured) = 0.276 W/kg



0 dB = 0.276 W/kg = -5.59 dBW/kg

Test Laboratory: SGS-SAR Lab

## OW19W12 LTE Band 38 20M QPSK 1RB50 38150CH Back side 0mm

**DUT: OW19W12; Type: OPPO Watch; Serial: 11bb3a5c**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2610 MHz; Duty Cycle: 1:1.58

Medium: HSL2600; Medium parameters used:  $f = 2610$  MHz;  $\sigma = 1.997$  S/m;  $\epsilon_r = 39.416$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.74, 7.74, 7.74); Calibrated: 2019-10-22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.10.3(1513); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x8x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 3.76 W/kg

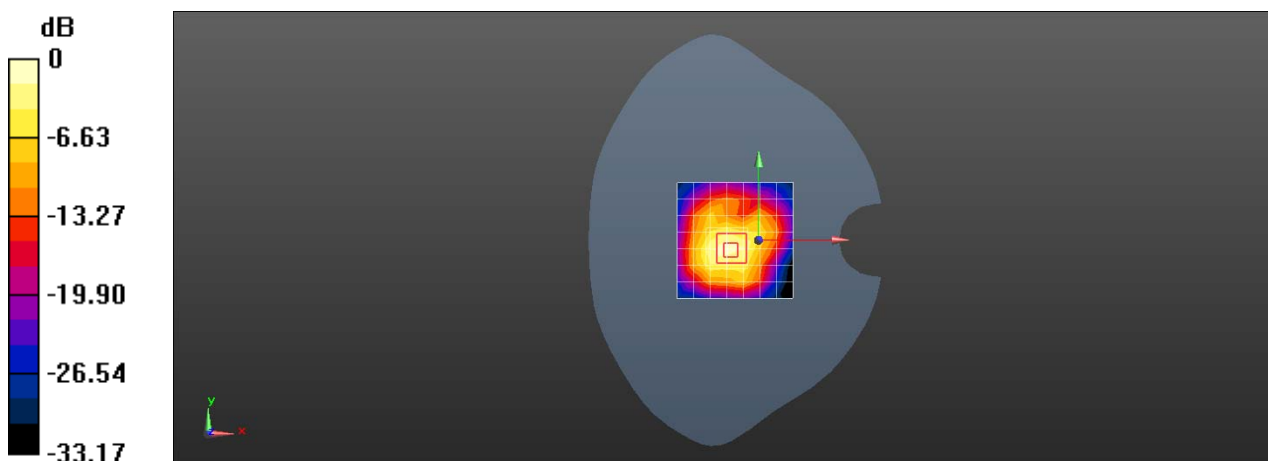
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.47 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 4.86 W/kg

**SAR(1 g) = 2.52 W/kg; SAR(10 g) = 1.07 W/kg**

Maximum value of SAR (measured) = 3.80 W/kg



0 dB = 3.80 W/kg = 5.80 dBW/kg

Test Laboratory: SGS-SAR Lab

## OW19W12 LTE Band 41 20M QPSK 1RB50 40673CH Next to the mouth 10mm

**DUT: OW19W12; Type: OPPO Watch; Serial: 11bb3a5c**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2598.3 MHz; Duty Cycle: 1:1.58

Medium: HSL2600; Medium parameters used (interpolated):  $f = 2598.3$  MHz;  $\sigma = 1.993$  S/m;  $\epsilon_r = 39.432$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.74, 7.74, 7.74); Calibrated: 2019-10-22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.10.3(1513); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x8x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.452 W/kg

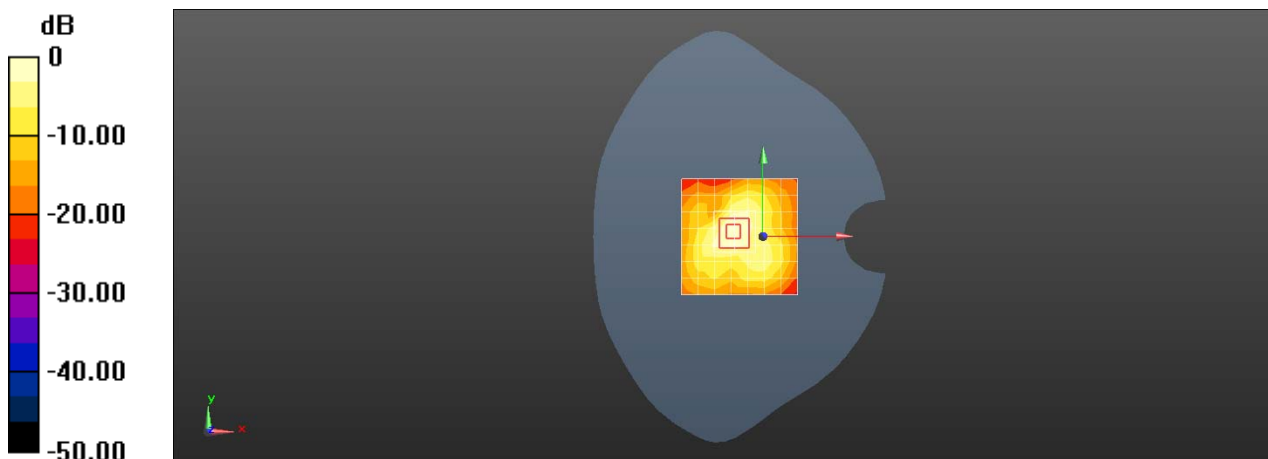
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.91 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.595 W/kg

**SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.153 W/kg**

Maximum value of SAR (measured) = 0.486 W/kg



0 dB = 0.486 W/kg = -3.13 dBW/kg

Test Laboratory: SGS-SAR Lab

## OW19W12 LTE Band 41 20M QPSK 1RB50 40673CH Back side 0mm

**DUT: OW19W12; Type: OPPO Watch; Serial: 11bb3a5c**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2598.3 MHz; Duty Cycle: 1:1.58

Medium: HSL2600; Medium parameters used (interpolated):  $f = 2598.3$  MHz;  $\sigma = 1.993$  S/m;  $\epsilon_r = 39.432$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.74, 7.74, 7.74); Calibrated: 2019-10-22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.10.3(1513); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x8x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.89 W/kg

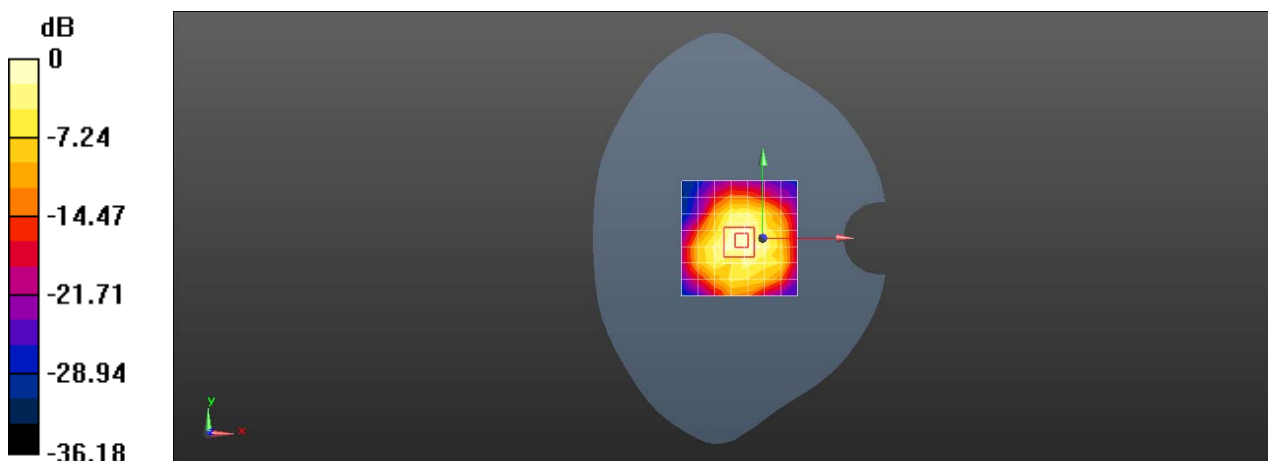
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.31 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.49 W/kg

**SAR(1 g) = 1.46 W/kg; SAR(10 g) = 0.685 W/kg**

Maximum value of SAR (measured) = 2.09 W/kg



0 dB = 2.09 W/kg = 3.20 dBW/kg

Test Laboratory: SGS-SAR Lab

## OW19W12 WIFI 2.4G 802.11b 11CH Next to the mouth 10mm

**DUT: OW19W12; Type: OPPO Watch; Serial: 11bb3a5c**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2462 MHz;Duty Cycle: 1:1.005

Medium: HSL2450;Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.842$  S/m;  $\epsilon_r = 39.873$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.87, 7.87, 7.87); Calibrated: 2019-10-22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.10.3(1513); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x8x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.284 W/kg

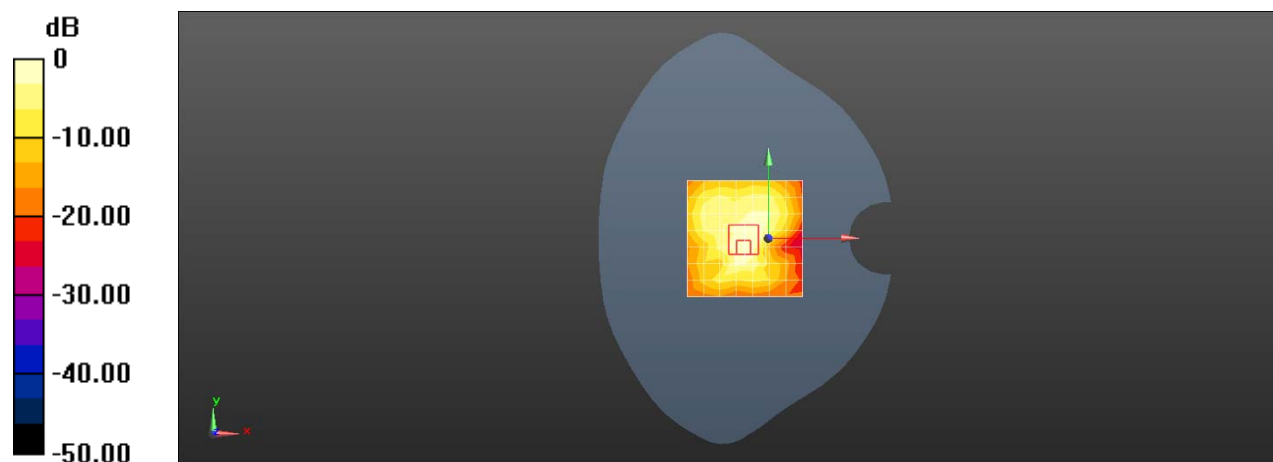
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.86 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.397 W/kg

**SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.095 W/kg**

Maximum value of SAR (measured) = 0.310 W/kg



0 dB = 0.310 W/kg = -5.09 dBW/kg

Test Laboratory: SGS-SAR Lab

## OW19W12 WIFI 2.4G 802.11b 11CH Back side 0mm

**DUT: OW19W12; Type: OPPO Watch; Serial: 11bb3a5c**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2462 MHz;Duty Cycle: 1:1.005

Medium: HSL2450;Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.842$  S/m;  $\epsilon_r = 39.873$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.87, 7.87, 7.87); Calibrated: 2019-10-22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.10.3(1513); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 1.59 W/kg

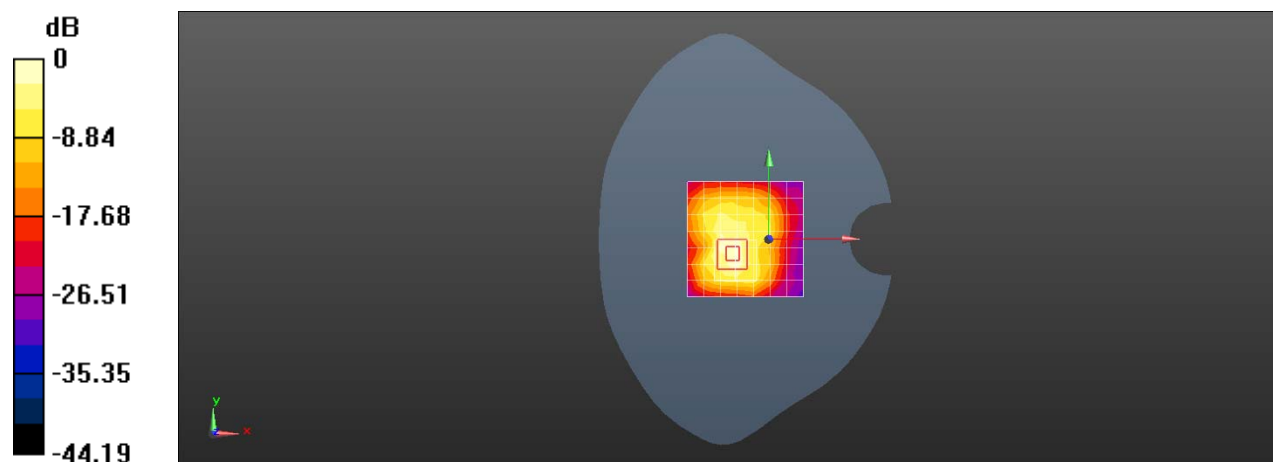
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.58 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.46 W/kg

**SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.471 W/kg**

Maximum value of SAR (measured) = 1.80 W/kg



0 dB = 1.80 W/kg = 2.55 dBW/kg