

Appendix B

Highest Test Plots

Table of Contents

1. 2.4G Body-worn 5mm SAR 3

2. 5G Body-worn 5mm SAR 5

1. 2.4G Body-worn 5mm SAR

Date: 27.10.2025

Test Laboratory: Guangdong Dongdian Testing Service Co., Ltd.

Q25071020-1E

Serial: S25071020-001

Communication System: UID 0, Bluetooth (0); Communication System Band: Bluetooth; Frequency: 2480 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used: $f = 2480 \text{ MHz}$; $\sigma = 1.751 \text{ S/m}$; $\epsilon_r = 39.628$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3906; ComF(7.9, 7.9, 7.9) @ 2480 MHz; Calibrated: 28.05.2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1366; Calibrated: 28.05.2025
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP-1197
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Right side DH5 2480 MHz 5mm/Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.452 W/kg

Configuration/Right side DH5 2480 MHz 5mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.480 V/m; Power Drift = -0.01 dB

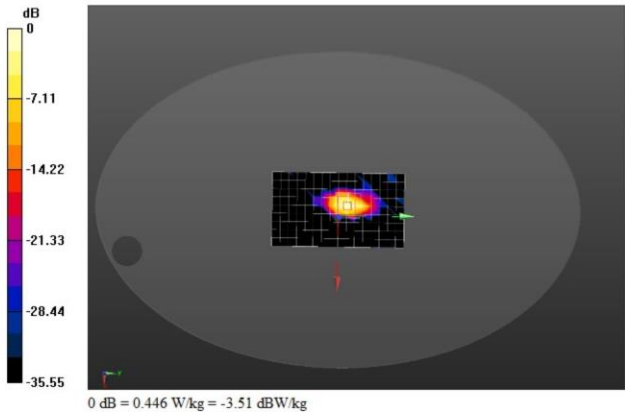
Peak SAR (extrapolated) = 0.562 W/kg

SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.088 W/kg

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 45.7%

Maximum value of SAR (measured) = 0.446 W/kg



Date: 27.10.2025

Test Laboratory: Guangdong Dongdian Testing Service Co., Ltd.

Q25071020-1E

Serial: S25071020-001

Communication System: UID 0, 2.4G wifi (0); Communication System Band: 11b; Frequency: 2462 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
Medium parameters used (interpolated): $f = 2462 \text{ MHz}$; $\sigma = 1.731 \text{ S/m}$; $\epsilon_r = 39.605$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

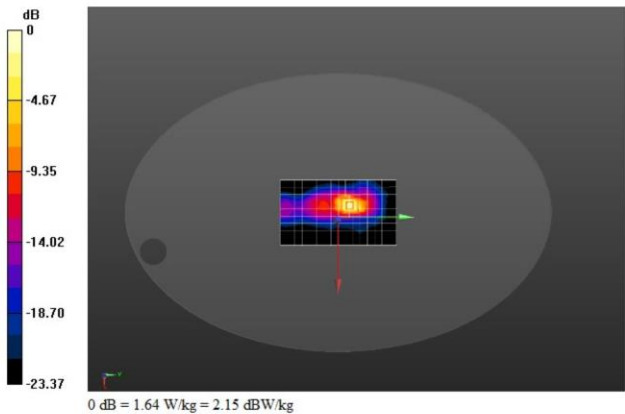
- Probe: EX3DV4 - SN3906; ConvF(7.9, 7.9, 7.9) @ 2462 MHz; Calibrated: 28.05.2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1366; Calibrated: 28.05.2025
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP.1197
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Right side 11B 2462 MHz 5 mm/Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.07 W/kg

Configuration/Right side 11B 2462 MHz 5 mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 10.70 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 2.07 W/kg
SAR(1 g) = 0.883 W/kg; SAR(10 g) = 0.344 W/kg
Smallest distance from peaks to all points 3 dB below = 6.3 mm
Ratio of SAR at M2 to SAR at M1 = 46.3%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.64 W/kg



2. 5G Body-worn 5mm SAR

Date: 29.10.2025

Test Laboratory: Guangdong Dongdian Testing Service Co., Ltd.

Q25071020-1E

Serial: S25071020-001

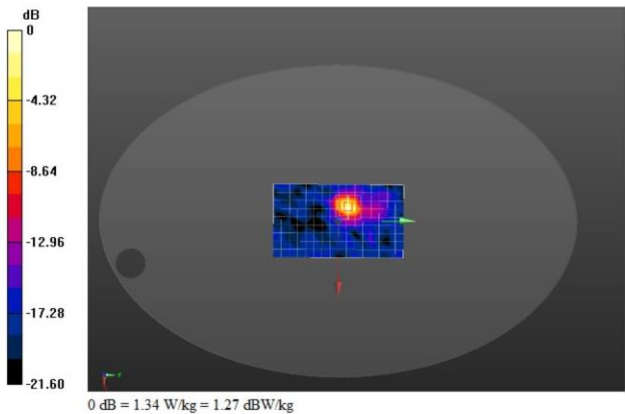
Communication System: UID 0, 5G Wifi (0); Communication System Band: 5G wifi; Frequency: 5310 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
Medium parameters used: $f = 5310 \text{ MHz}$; $\sigma = 4.629 \text{ S/m}$; $\epsilon_r = 36.524$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(5.43, 5.43, 5.43) @ 5310 MHz; Calibrated: 28.05.2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE4 Sn1366; Calibrated: 28.05.2025
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1197
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Right Side 11AX40 5310MHz 5mm/Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 1.19 W/kg

Configuration/Right Side 11AX40 5310MHz 5mm/Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 3.422 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.01 W/kg
SAR(1 g) = 0.559 W/kg; SAR(10 g) = 0.171 W/kg
Smallest distance from peaks to all points 3 dB below = 6 mm
Ratio of SAR at M2 to SAR at M1 = 69.6%
Maximum value of SAR (measured) = 1.34 W/kg



Date: 29.10.2025

Test Laboratory: Guangdong Dongdian Testing Service Co., Ltd.

Q25071020-1E

Serial: S25071020-001

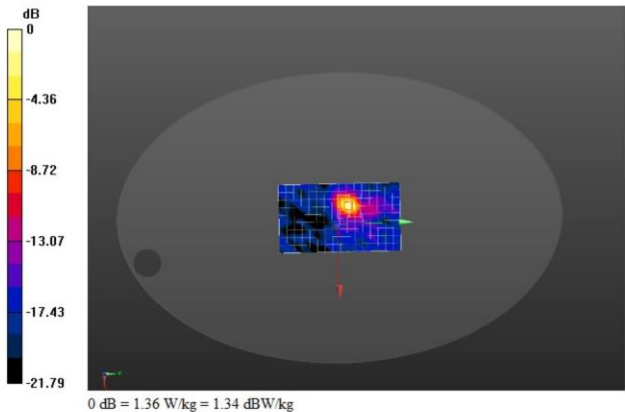
Communication System: UID 0, 5G Wifi (0); Communication System Band: 5G wifi; Frequency: 5510 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
Medium parameters used: $f = 5510 \text{ MHz}$; $\sigma = 4.828 \text{ S/m}$; $\epsilon_r = 35.947$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(5.04, 5.04, 5.04) @ 5510 MHz; Calibrated: 28.05.2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE4 Sn1366; Calibrated: 28.05.2025
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP.1197
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Right Side 11AX40 5510MHz 5mm/Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 1.30 W/kg

Configuration/Right Side 11AX40 5510MHz 5mm/Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 3.346 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.98 W/kg
SAR(1 g) = 0.569 W/kg; SAR(10 g) = 0.173 W/kg
Smallest distance from peaks to all points 3 dB below = 6 mm
Ratio of SAR at M2 to SAR at M1 = 71%
Maximum value of SAR (measured) = 1.36 W/kg



Date: 29.10.2025

Test Laboratory: Guangdong Dongdian Testing Service Co., Ltd.

Q25071020-1E

Serial: S25071020-001

Communication System: UID 0, 5G Wifi (0); Communication System Band: 5G wifi; Frequency: 5795 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
Medium parameters used (interpolated): $f = 5795 \text{ MHz}$; $\sigma = 5.118 \text{ S/m}$; $\epsilon_r = 35.282$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(5.03, 5.03, 5.03) @ 5795 MHz; Calibrated: 28.05.2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE4 Sn1366; Calibrated: 28.05.2025
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP.1197
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Right Side 11AX40 5795MHz 5mm/Area Scan (10x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.54 W/kg

Configuration/Right Side 11AX40 5795MHz 5mm/Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 12.52 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 3.07 W/kg
SAR(1 g) = 0.798 W/kg; SAR(10 g) = 0.242 W/kg
Smallest distance from peaks to all points 3 dB below = 6 mm
Ratio of SAR at M2 to SAR at M1 = 66.7%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.99 W/kg

