

Appendix B

Highest Test Plots

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1. 2.4G&5G Body-worn 0mm SAR 3

1. 2.4G&5G Body-worn 0mm SAR

Date: 16.12.2024

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

Q24121719-1E

Serial: S24121719-006

Communication System: UID 0, Bluetooth (0); Communication System Band: Bluetooth; Frequency: 2441 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used (interpolated): $f = 2441\text{ MHz}$, $\sigma = 1.81\text{ S/m}$, $\epsilon_r = 40.263$, $\rho = 1000\text{ kg/m}^3$

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3906; ComF(7.95, 7.95, 7.95) @ 2441 MHz; Calibrated: 29.04.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1366; Calibrated: 29.04.2024
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP-1197
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Bottom side 3DH5 2441/Area Scan (9x25x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0809 W/kg

Configuration/Bottom side 3DH5 2441/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.777 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.100 W/kg

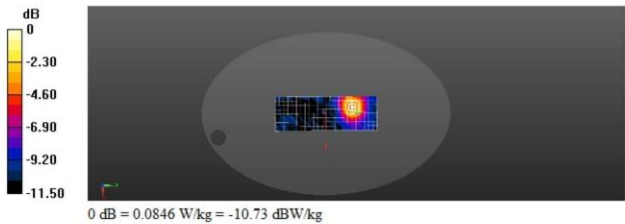
SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.033 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)

Ratio of SAR at M2 to SAR at M1 = 55.8%

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0846 W/kg



Date: 16.12.2024

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

Q24121719-1E

Serial: S24121719-006

Communication System: UID 0, 2.4G wifi (0); Communication System Band: 11b; Frequency: 2437 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
Medium parameters used (interpolated): $f = 2412\text{ MHz}$; $\sigma = 1.784\text{ S/m}$; $\epsilon_r = 40.31$; $\rho = 1000\text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

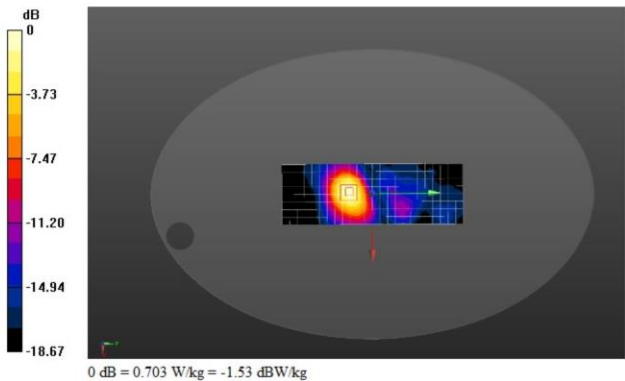
- Probe: EX3DV4 - SN3906; ConvF(7.95, 7.95, 7.95) @ 2437 MHz; Calibrated: 29.04.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1366; Calibrated: 29.04.2024
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP.1197
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/ANT1 Back side 11B 2412/Area Scan (9x25x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.679 W/kg

Configuration/ANT1 Back side 11B 2412/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 4.041 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.856 W/kg
SAR(1 g) = 0.457 W/kg; SAR(10 g) = 0.239 W/kg
Smallest distance from peaks to all points 3 dB below = 13 mm
Ratio of SAR at M2 to SAR at M1 = 53.1%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.703 W/kg



Date: 16.12.2024

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

Q24121719-1E

Serial:S24121719-006

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): $f = 2462\text{ MHz}$; $\sigma = 1.827\text{ S/m}$; $\epsilon_r = 40.202$; $\rho = 1000\text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

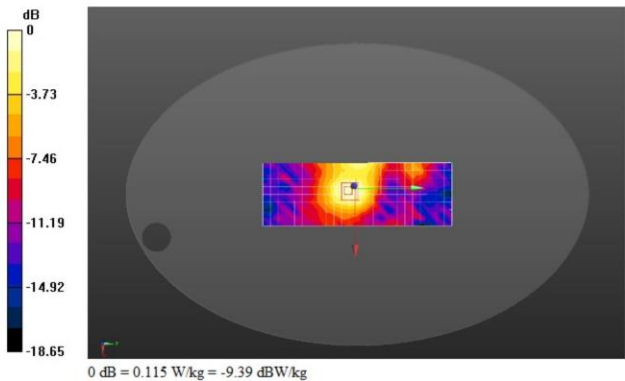
- Probe: EX3DV4 - SN3906; ConvF(7.95, 7.95, 7.95) @ 2462 MHz; Calibrated: 29.04.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1366; Calibrated: 29.04.2024
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP.1197
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/ANT2 Front side 11B 2462/Area Scan (9x25x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.114 W/kg

Configuration/ANT2 Front side 11B 2462/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 7.535 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.139 W/kg
SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.043 W/kg
Smallest distance from peaks to all points 3 dB below = 17.7 mm
Ratio of SAR at M2 to SAR at M1 = 54.7%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.115 W/kg



Date: 16.12.2024

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

Q24121719-1E

Serial: S24121719-006

Communication System: UID 0, 2.4G wifi (0); Communication System Band: 11g; Frequency: 2412 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
Medium parameters used (interpolated): $f = 2462 \text{ MHz}$; $\sigma = 1.827 \text{ S/m}$; $\epsilon_r = 40.202$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

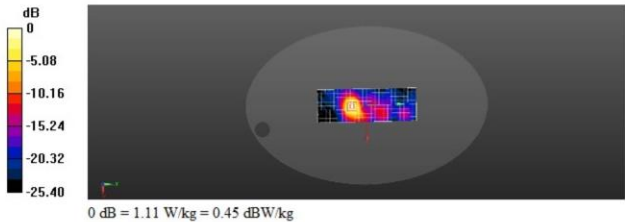
- Probe: EX3DV4 - SN3906; ConvF(7.95, 7.95, 7.95) @ 2412 MHz; Calibrated: 29.04.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1366; Calibrated: 29.04.2024
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP.1197
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/ANT1 Back side 11G 2462/Area Scan (9x25x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.03 W/kg

Configuration/ANT1 Back side 11G 2462/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 4.403 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.685 W/kg; SAR(10 g) = 0.331 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 50.3%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.11 W/kg



Date: 16.12.2024

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Q24121719-1E

Serial: S24121719-006

Communication System: UID 0, 2.4G wifi (0); Communication System Band: 11g; Frequency: 2412 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
Medium parameters used (interpolated): $f = 2412 \text{ MHz}$; $\sigma = 1.784 \text{ S/m}$; $\epsilon_r = 40.31$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

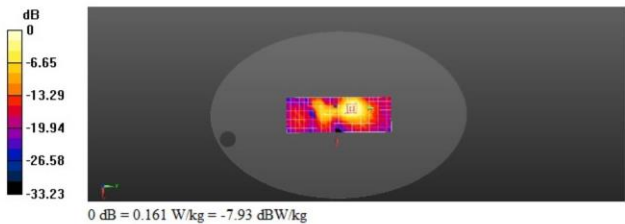
- Probe: EX3DV4 - SN3906; ConvF(7.95, 7.95, 7.95) @ 2412 MHz; Calibrated: 29.04.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1366; Calibrated: 29.04.2024
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP.1197
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/ANT2 Front side 11G 2412/Area Scan (9x25x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.157 W/kg

Configuration/ANT2 Front side 11G 2412/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 3.024 V/m ; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.199 W/kg
SAR(1 g) = 0.101 W/kg ; SAR(10 g) = 0.051 W/kg
Smallest distance from peaks to all points 3 dB below = 12.1 mm
Ratio of SAR at M2 to SAR at M1 = 50.7%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.161 W/kg



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

Q24121719-1E

Serial: S24121719-006

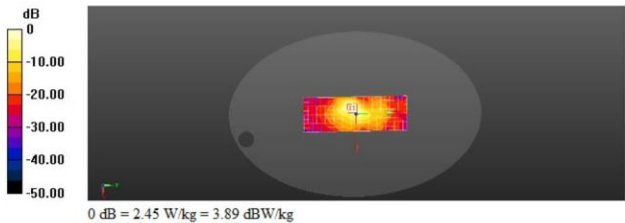
Communication System: UID 0, 5G Wifi (0); Communication System Band: 5G wifi; Frequency: 5280 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 4.602 \text{ S/m}$; $\epsilon_r = 36.745$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(5.51, 5.51, 5.51) @ 5280 MHz; Calibrated: 29.04.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE4 Sn1366; Calibrated: 29.04.2024
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP.1197
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/ANT1 Back Side 11A CH56 5280/Area Scan (9x25x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 1.98 W/kg

Configuration/ANT1 Back Side 11A CH56 5280/Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 18.19 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 3.89 W/kg
 $\text{SAR}(1 \text{ g}) = 1.08 \text{ W/kg}$; $\text{SAR}(10 \text{ g}) = 0.388 \text{ W/kg}$
Smallest distance from peaks to all points 3 dB below = 8.5 mm
Ratio of SAR at M2 to SAR at M1 = 65.5%
Maximum value of SAR (measured) = 2.45 W/kg



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Q24121719-1E

Serial: S24121719-006

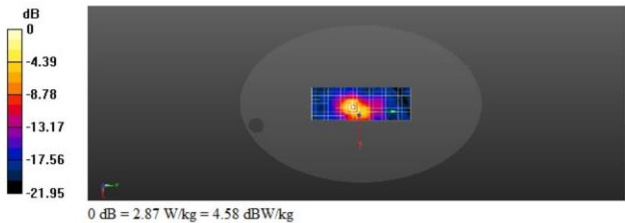
Communication System: UID 0, 5G Wifi (0); Communication System Band: 5G wifi; Frequency: 5700 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
Medium parameters used: $f = 5700 \text{ MHz}$; $\sigma = 5.02 \text{ S/m}$; $\epsilon_r = 35.435$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(4.9, 4.9, 4.9) @ 5700 MHz; Calibrated: 29.04.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE4 Sn1366; Calibrated: 29.04.2024
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP.1197
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/ANT1 Back Side 11A CH140 5700/Area Scan (9x25x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 2.78 W/kg

Configuration/ANT1 Back Side 11A CH140 5700/Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 9.621 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 4.78 W/kg
SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.471 W/kg
Smallest distance from peaks to all points 3 dB below = 9.8 mm
Ratio of SAR at M2 to SAR at M1 = 63.3%
Maximum value of SAR (measured) = 2.87 W/kg



Date: 19.12.2024

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

Q24121719-1E

Serial: S24121719-006

Communication System: UID 0, 5G Wifi (0); Communication System Band: 5G wifi; Frequency: 5785 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
Medium parameters used (interpolated): $f = 5785 \text{ MHz}$; $\sigma = 5.109 \text{ S/m}$; $\epsilon_r = 35.256$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

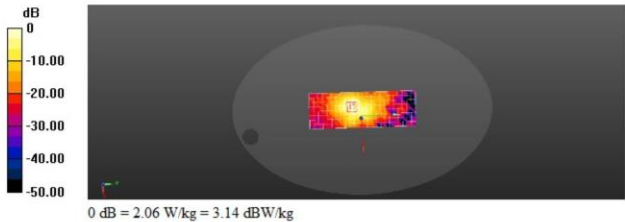
- Probe: EX3DV4 - SN3906; ConvF(4.98, 4.98, 4.98) @ 5785 MHz; Calibrated: 29.04.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE4 Sn1366; Calibrated: 29.04.2024
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP.1197
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/ANT1 Back Side 11A CH157 5785/Area Scan (9x25x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.91 W/kg

Configuration/ANT1 Back Side 11A CH157 5785/Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 12.47 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 3.45 W/kg
SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.310 W/kg
Smallest distance from peaks to all points 3 dB below = 9.5 mm
Ratio of SAR at M2 to SAR at M1 = 61.7%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 2.06 W/kg



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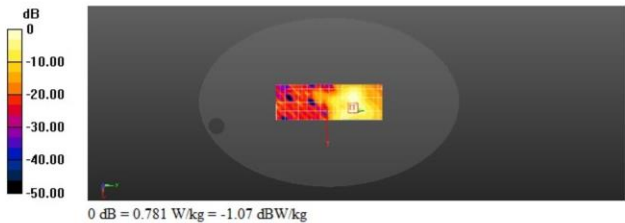
Communication System: UID 0, 5G Wifi (0); Communication System Band: 5G wifi; Frequency: 5320 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 4.639 \text{ S/m}$; $\epsilon_r = 36.604$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(5.51, 5.51, 5.51) @ 5320 MHz; Calibrated: 29.04.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE4 Sn1366; Calibrated: 29.04.2024
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP.1197
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/ANT2 Front Side 11A CH64 5320/Area Scan (9x25x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 0.732 W/kg

Configuration/ANT2 Front Side 11A CH64 5320/Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 3.643 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.115 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 64.6%
Maximum value of SAR (measured) = 0.781 W/kg



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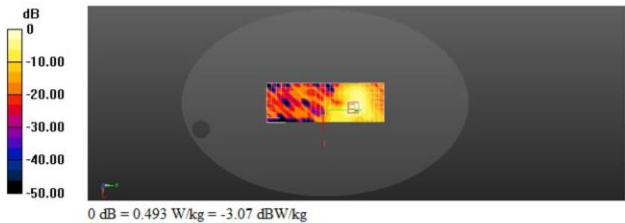
Communication System: UID 0, 5G Wifi (0); Communication System Band: 5G wifi; Frequency: 5580 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 4.898 \text{ S/m}$; $\epsilon_r = 35.838$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(4.9, 4.9, 4.9) @ 5580 MHz; Calibrated: 29.04.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE4 Sn1366; Calibrated: 29.04.2024
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP.1197
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/ANT2 Front Side 11A CH116 5580/Area Scan (9x25x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 0.430 W/kg

Configuration/ANT2 Front Side 11A CH116 5580/Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 1.351 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.792 W/kg
SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.069 W/kg
Smallest distance from peaks to all points 3 dB below = 8.5 mm
Ratio of SAR at M2 to SAR at M1 = 63.5%
Maximum value of SAR (measured) = 0.493 W/kg



Date: 19.12.2024

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

Q24121719-1E

Serial: S24121719-006

Communication System: UID 0, 5G Wifi (0); Communication System Band: 5G wifi; Frequency: 5745 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
Medium parameters used (interpolated): $f = 5745 \text{ MHz}$; $\sigma = 5.065 \text{ S/m}$; $\epsilon_r = 35.34$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(4.98, 4.98, 4.98) @ 5745 MHz; Calibrated: 29.04.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE4 Sn1366; Calibrated: 29.04.2024
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP.1197
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/ANT2 Front Side 11A CH149 5745/Area Scan (9x25x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.400 W/kg

Configuration/ANT2 Front Side 11A CH149 5745/Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 0.4180 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.845 W/kg
SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.062 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 59.9%

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.475 W/kg

