

Appendix B

Detailed Test Results

GSM850 for Extremity
GSM1900 for Extremity
WCDMA Band II for Extremity
WCDMA Band IV for Extremity
WCDMA Band V for Extremity
LTE Band 2 for Extremity
LTE Band 4 for Extremity
LTE Band 5 for Extremity
LTE Band 7 for Extremity
LTE Band 38 for Extremity
WIFI 2.4G for Extremity
BT for Extremity

Test Laboratory: SGS-SAR Lab

A75 Pro GSM850 GPRS 2TS 190CH Back side 0mm

DUT: A75 Pro; Type: Android POS Terminal; Serial: 860891060036804

Communication System: UID 0, GPRS/EGPRS Mode(2up) Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.14954

Medium: HSL835; Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.926$ S/m; $\epsilon_r = 40.074$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(9.03, 9.03, 9.03); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 2.34 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.141 V/m; Power Drift = 0.06 dB

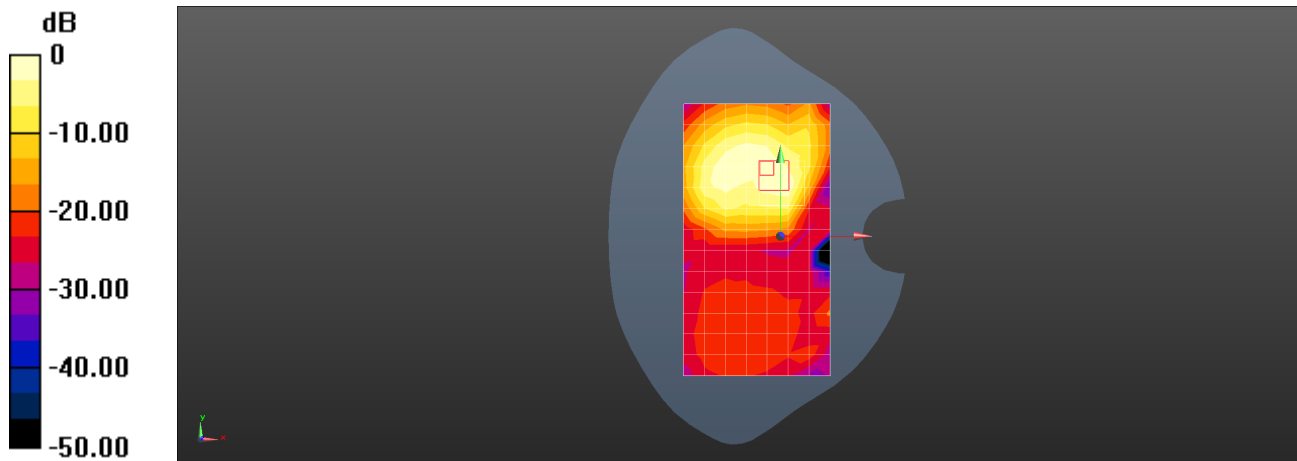
Peak SAR (extrapolated) = 2.96 W/kg

SAR(1 g) = 1.38 W/kg; SAR(10 g) = 0.806 W/kg

Smallest distance from peaks to all points 3 dB below = 17.6 mm

Ratio of SAR at M2 to SAR at M1 = 57.1%

Maximum value of SAR (measured) = 2.31 W/kg



0 dB = 2.34 W/kg = 3.69 dBW/kg

Test Laboratory: SGS-SAR Lab

A75 Pro GSM1900 GPRS 2TS 661CH Back side 0mm

DUT: A75 Pro; Type: Android POS Terminal; Serial: 860891060036804

Communication System: UID 0, GPRS/EGPRS Mode(2up) Communication System (0); Frequency: 1880 MHz;Duty Cycle: 1:4.14954

Medium: HSL1950;Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.408 \text{ S/m}$; $\epsilon_r = 40.502$; $\rho = 1000 \text{ kg/m}^3$

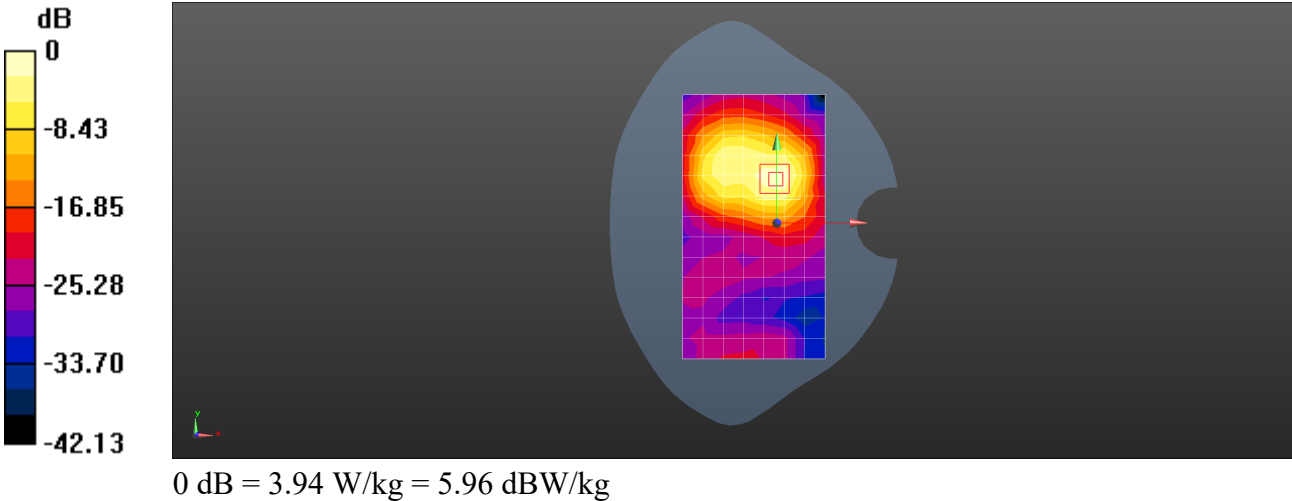
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.69, 7.69, 7.69); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 3.94 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 6.357 V/m ; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 4.97 W/kg
SAR(1 g) = 2.62 W/kg ; SAR(10 g) = 1.42 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 60.6%
Maximum value of SAR (measured) = 3.71 W/kg



Test Laboratory: SGS-SAR Lab

A75 Pro WCOMA Band II RMC 9400CH Back side 0mm

DUT: A75 Pro; Type: Android POS Terminal; Serial: 860891060036804

Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz;Duty Cycle: 1:1

Medium: HSL1950;Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.408 \text{ S/m}$; $\epsilon_r = 40.502$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.69, 7.69, 7.69); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 5.11 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 45.59 V/m; Power Drift = -0.09 dB

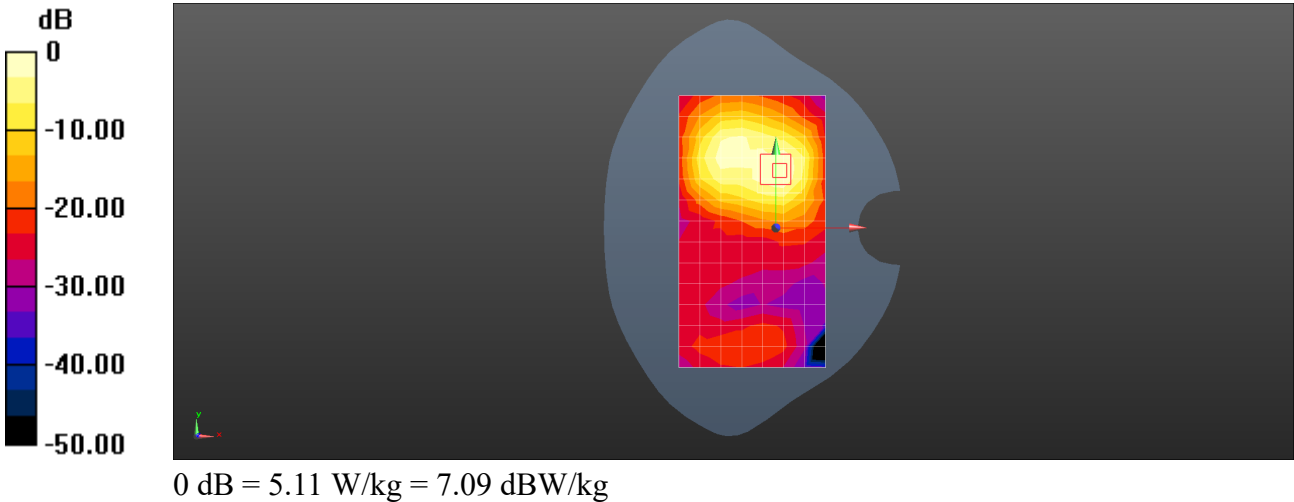
Peak SAR (extrapolated) = 8.38 W/kg

SAR(1 g) = 4.15 W/kg; SAR(10 g) = 2.26 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 59.5%

Maximum value of SAR (measured) = 5.99 W/kg



Test Laboratory: SGS-SAR Lab

A75 Pro WCOMA Band IV RMC 1412CH Back side 0mm

DUT: A75 Pro; Type: Android POS Terminal; Serial: 860891060036804

Communication System: UID 0, WCDMA (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.38$ S/m; $\epsilon_r = 40.575$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(8.02, 8.02, 8.02); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 4.23 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.502 V/m; Power Drift = -0.09 dB

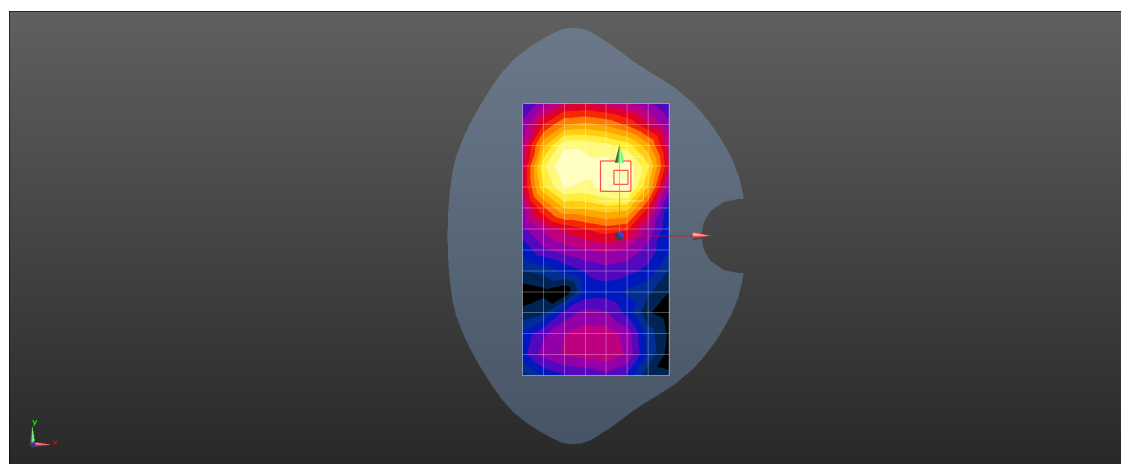
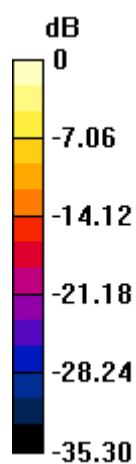
Peak SAR (extrapolated) = 7.03 W/kg

SAR(1 g) = 3.47 W/kg; SAR(10 g) = 1.98 W/kg

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 44.2%

Maximum value of SAR (measured) = 5.14 W/kg



0 dB = 4.23 W/kg = 6.26 dBW/kg

Test Laboratory: SGS-SAR Lab

A75 Pro WCOMA Band V RMC 4182CH Back side 0mm

DUT: A75 Pro; Type: Android POS Terminal; Serial: 860891060036804

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz;Duty Cycle: 1:1

Medium: HSL850;Medium parameters used (interpolated): $f = 836.4\text{ MHz}$; $\sigma = 0.926\text{ S/m}$; $\epsilon_r = 40.076$; $\rho = 1000\text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(9.03, 9.03, 9.03); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.32 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.727 V/m; Power Drift = -0.09 dB

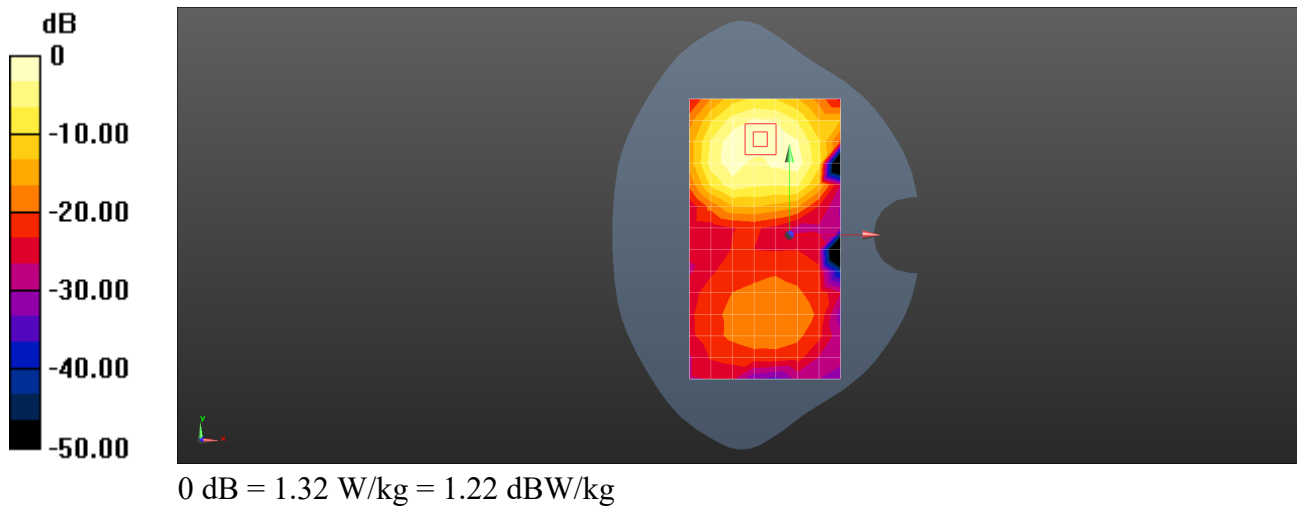
Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.912 W/kg; SAR(10 g) = 0.545 W/kg

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 56.5%

Maximum value of SAR (measured) = 1.33 W/kg



Test Laboratory: SGS-SAR Lab

A75 Pro LTE Band2 20M QPSK 1RB0 19100CH Back side 0mm

DUT: A75 Pro; Type: Android POS Terminal; Serial: 860891060036804

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1900 MHz;Duty Cycle: 1:1

Medium: HSL1950;Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.415 \text{ S/m}$; $\epsilon_r = 40.468$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.69, 7.69, 7.69); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x14x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 5.49 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.04 V/m; Power Drift = 0.01 dB

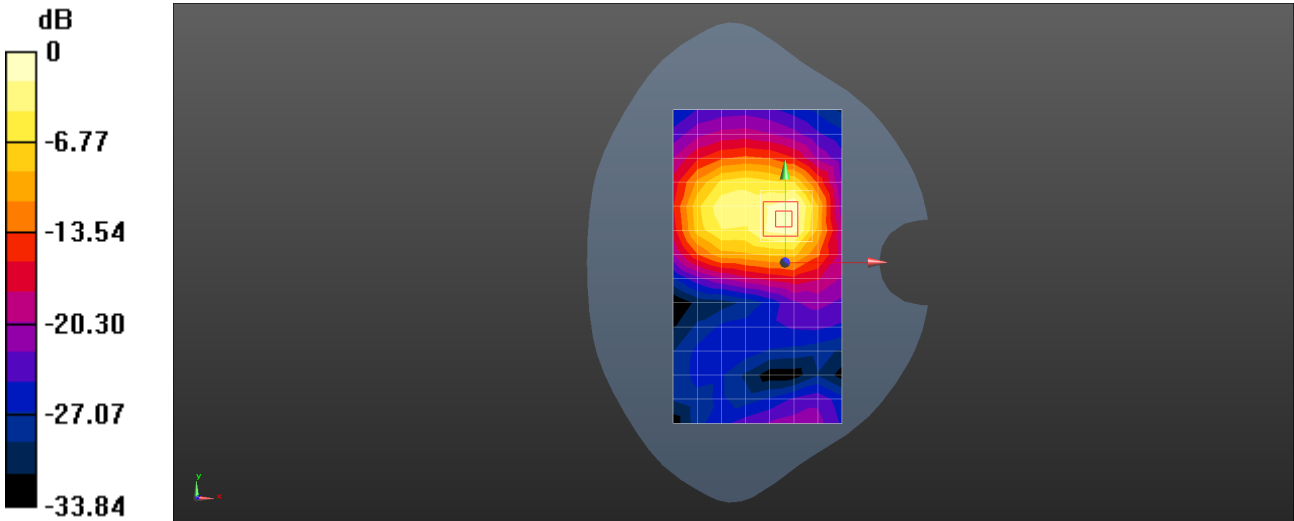
Peak SAR (extrapolated) = 7.76 W/kg

SAR(1 g) = 4.24 W/kg; SAR(10 g) = 2.32 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 59.6%

Maximum value of SAR (measured) = 6.06 W/kg



0 dB = 5.49 W/kg = 7.39 dBW/kg

Test Laboratory: SGS-SAR Lab

A75 Pro LTE Band4 20M QPSK 1RB0 20175CH Back side 0mm

DUT: A75 Pro; Type: Android POS Terminal; Serial: 860891060036804

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium: HSL1750;Medium parameters used (interpolated): $f = 1732.5 \text{ MHz}$; $\sigma = 1.38 \text{ S/m}$; $\epsilon_r = 40.575$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(8.02, 8.02, 8.02); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 5.04 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.46 V/m; Power Drift = -0.08 dB

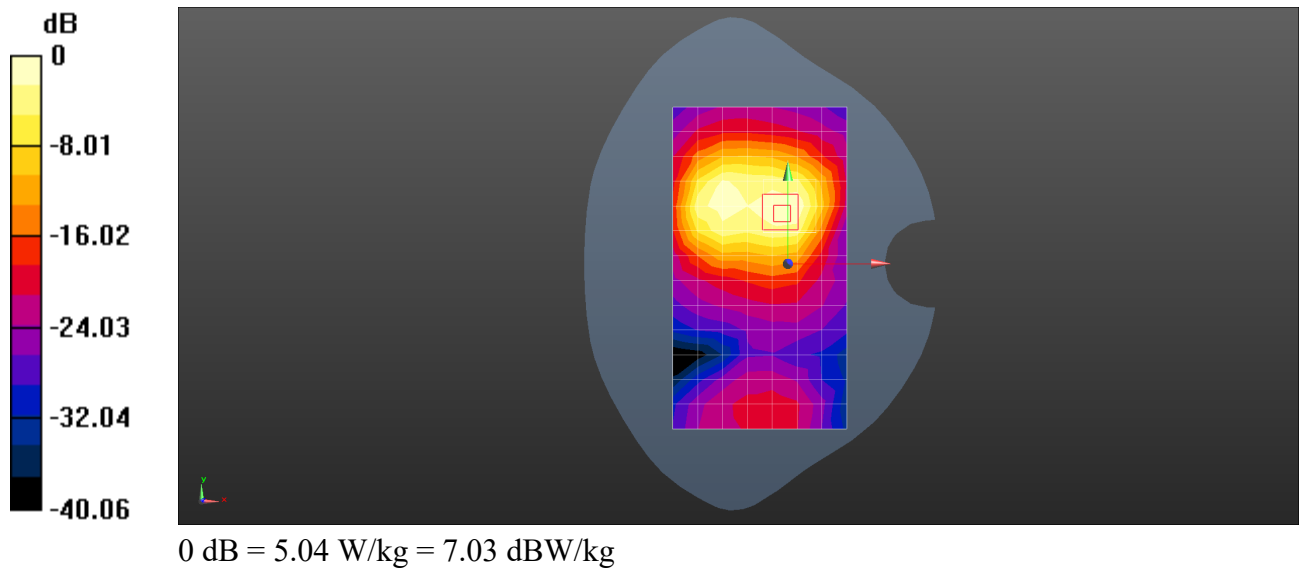
Peak SAR (extrapolated) = 6.48 W/kg

SAR(1 g) = 3.61 W/kg; SAR(10 g) = 2.02 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 63.8%

Maximum value of SAR (measured) = 4.68 W/kg



Test Laboratory: SGS-SAR Lab

A75 Pro LTE Band5 10M QPSK 1RB0 20525CH Back side 0mm

DUT: A75 Pro; Type: Android POS Terminal; Serial: 860891060036804

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium: HSL835;Medium parameters used (interpolated): $f = 836.5 \text{ MHz}$; $\sigma = 0.926 \text{ S/m}$; $\epsilon_r = 40.076$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(9.03, 9.03, 9.03); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.28 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.023 V/m; Power Drift = 0.03 dB

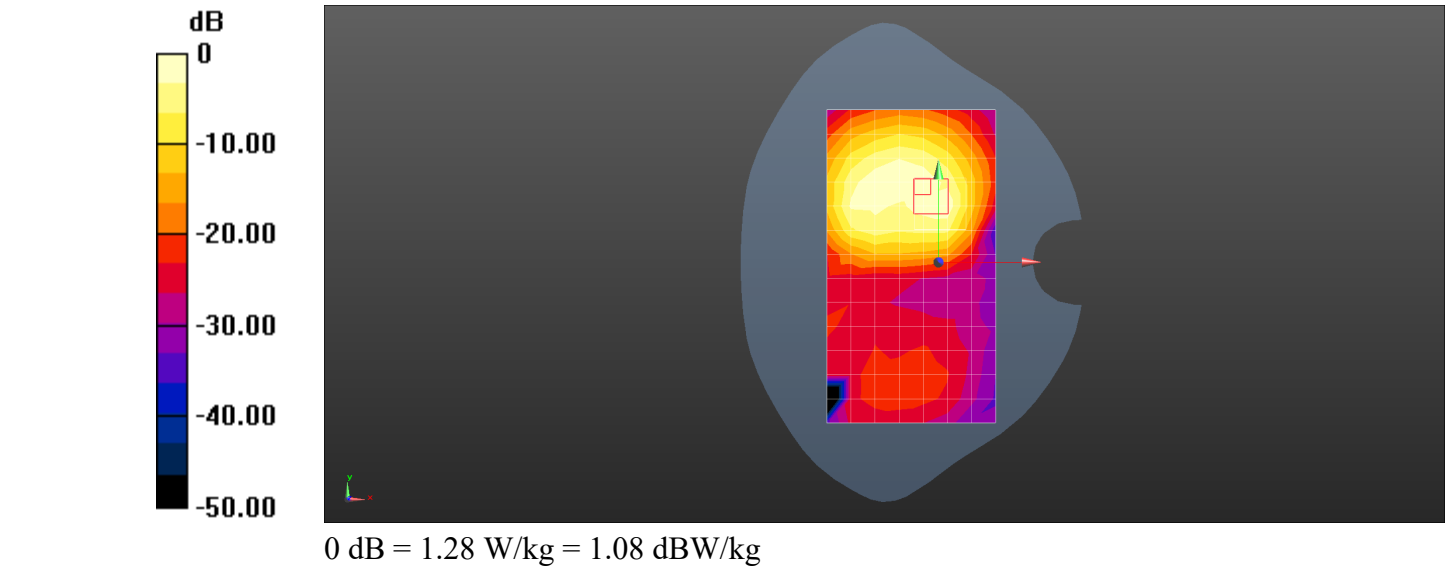
Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.920 W/kg; SAR(10 g) = 0.561 W/kg

Smallest distance from peaks to all points 3 dB below = 17.6 mm

Ratio of SAR at M2 to SAR at M1 = 60.6%

Maximum value of SAR (measured) = 1.44 W/kg



Test Laboratory: SGS-SAR Lab

A75 Pro LTE Band7 20M QPSK 1RB0 21100CH Back side 0mm

DUT: A75 Pro; Type: Android POS Terminal; Serial: 860891060036804

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium: HSL2600;Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.845 \text{ S/m}$; $\epsilon_r = 38.303$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.18, 7.18, 7.18); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x14x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 6.59 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.18 V/m; Power Drift = 0.15 dB

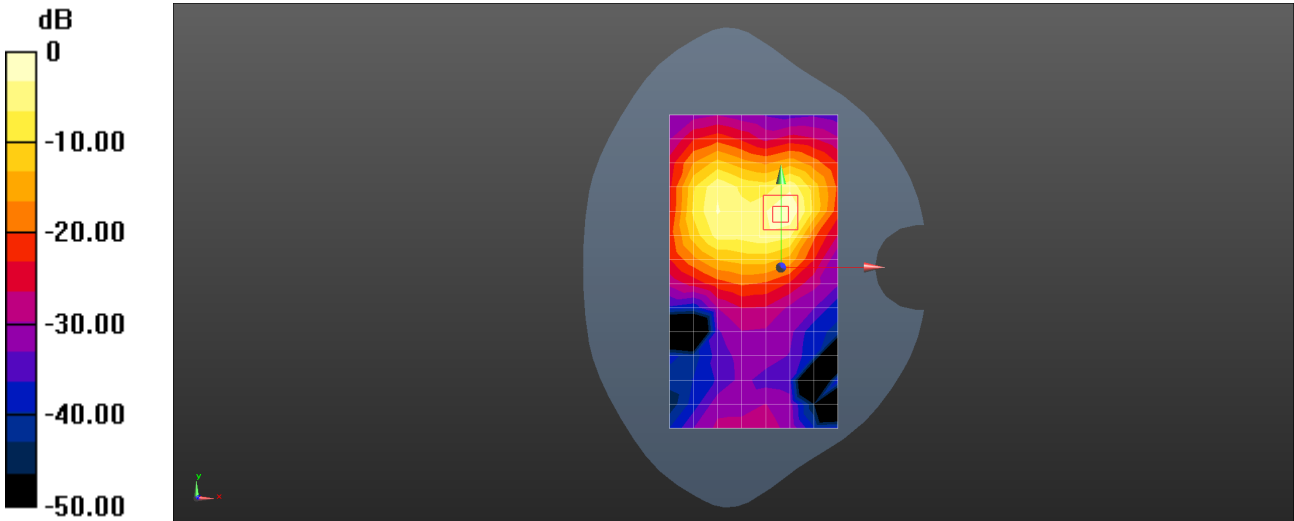
Peak SAR (extrapolated) = 8.35 W/kg

SAR(1 g) = 4.27 W/kg; SAR(10 g) = 2.01 W/kg

Smallest distance from peaks to all points 3 dB below = 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 52.4%

Maximum value of SAR (measured) = 6.68 W/kg



0 dB = 6.59 W/kg = 8.19 dBW/kg

Test Laboratory: SGS-SAR Lab

A75 Pro LTE Band38 20M QPSK 1RB0 38000CH Back side 0mm

DUT: A75 Pro; Type: Android POS Terminal; Serial: 860891060036804

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2595 MHz;Duty Cycle: 1:1.58016

Medium: HSL2600;Medium parameters used: $f = 2595 \text{ MHz}$; $\sigma = 1.877 \text{ S/m}$; $\epsilon_r = 38.253$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.18, 7.18, 7.18); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x14x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 3.50 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.068 V/m; Power Drift = -0.03 dB

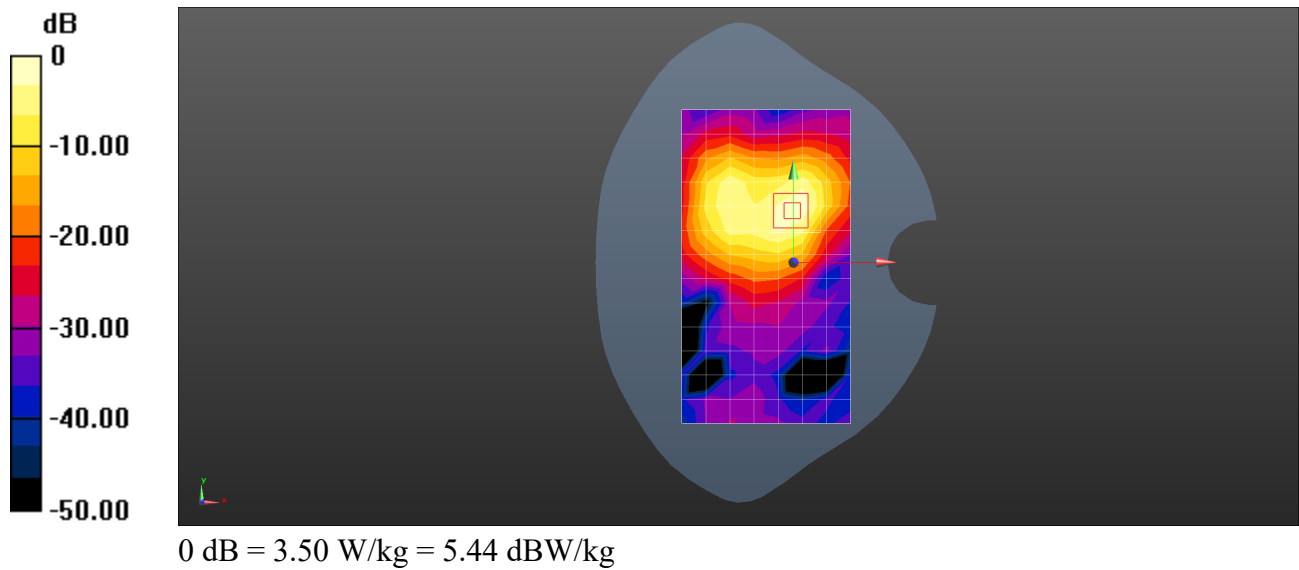
Peak SAR (extrapolated) = 4.55 W/kg

SAR(1 g) = 2.31 W/kg; SAR(10 g) = 1.08 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

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

Maximum value of SAR (measured) = 3.44 W/kg



Test Laboratory: SGS-SAR Lab

A75 Pro WIFI 2.4G 802.11b 1CH Right side 0mm

DUT: A75 Pro; Type: Android POS Terminal; Serial: 860891060036804

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz;Duty Cycle: 1:1.011

Medium: HSL2450;Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.764 \text{ S/m}$; $\epsilon_r = 38.493$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.35, 7.35, 7.35); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x14x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 2.89 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.809 V/m; Power Drift = 0.03 dB

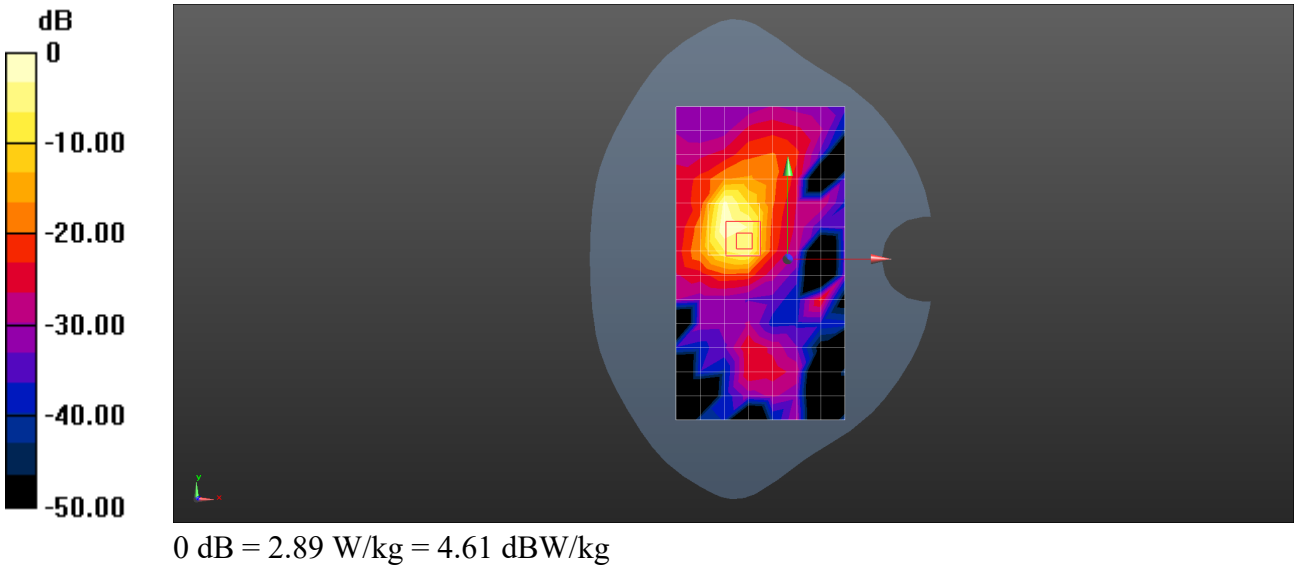
Peak SAR (extrapolated) = 4.92 W/kg

SAR(1 g) = 2.33 W/kg; SAR(10 g) = 0.950 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 51.9%

Maximum value of SAR (measured) = 3.84 W/kg



Test Laboratory: SGS-SAR Lab

A75 Pro Bluetooth DH5 0CH Right side 0mm

DUT: A75 Pro; Type: Android POS Terminal; Serial: 860891060036804

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz;Duty Cycle: 1:2.129

Medium: HSL2450;Medium parameters used: $f = 2402\text{ MHz}$; $\sigma = 1.758\text{ S/m}$; $\epsilon_r = 38.504$; $\rho = 1000\text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.35, 7.35, 7.35); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x14x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.229 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.734 V/m; Power Drift = -0.05 dB

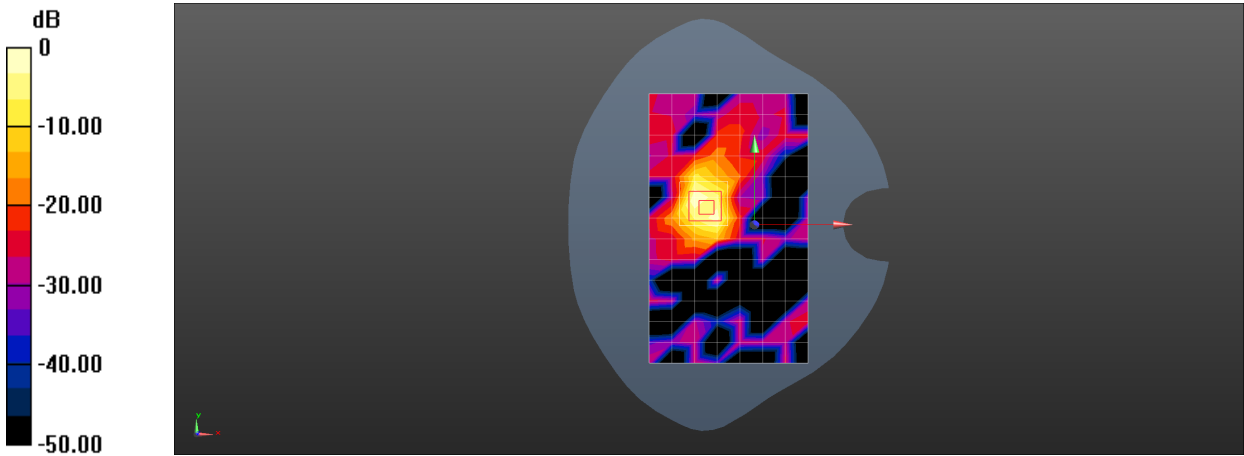
Peak SAR (extrapolated) = 0.493 W/kg

SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.083 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 44.2%

Maximum value of SAR (measured) = 0.398 W/kg



0 dB = 0.229 W/kg = -6.41 dBW/kg