

Appendix B

Detailed Test Results

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BT

Test Laboratory: SGS-SAR Lab

A99 GSM850 GPRS 2TS 190CH Back side 0mm

DUT: A99; Type: Android POS Terminal; Serial: 00062600107

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.15

Medium: HSL; Medium parameters used: $f = 837 \text{ MHz}$; $\sigma = 0.898 \text{ S/m}$; $\epsilon_r = 41.338$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(8.85, 8.85, 8.85); Calibrated: 2025/12/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (8x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.554 W/kg

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

Reference Value = 3.874 V/m ; Power Drift = 0.07 dB

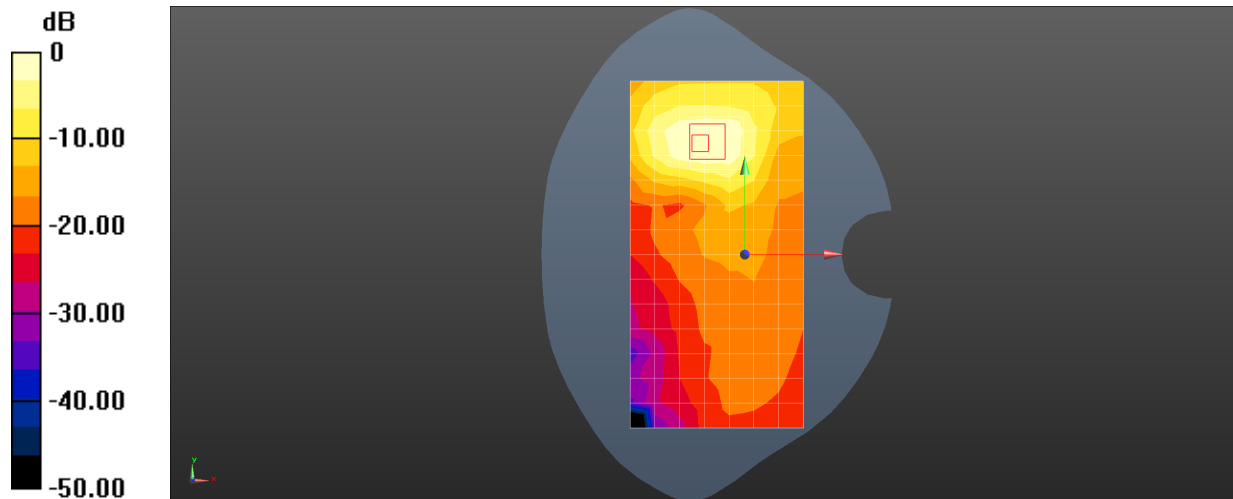
Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.651 W/kg ; SAR(10 g) = 0.362 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 57.7%

Maximum value of SAR (measured) = 0.839 W/kg



0 dB = 0.554 W/kg = -2.57 dBW/kg

Test Laboratory: SGS-SAR Lab

A99 GSM1900 GPRS 2TS 661CH Back side 0mm

DUT: A99; Type: Android POS Terminal; Serial: 00062600107

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium: HSL; Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.402 \text{ S/m}$; $\epsilon_r = 40.764$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.6, 7.6, 7.6); Calibrated: 2025/12/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (8x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.68 W/kg

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

Reference Value = 2.712 V/m ; Power Drift = -0.04 dB

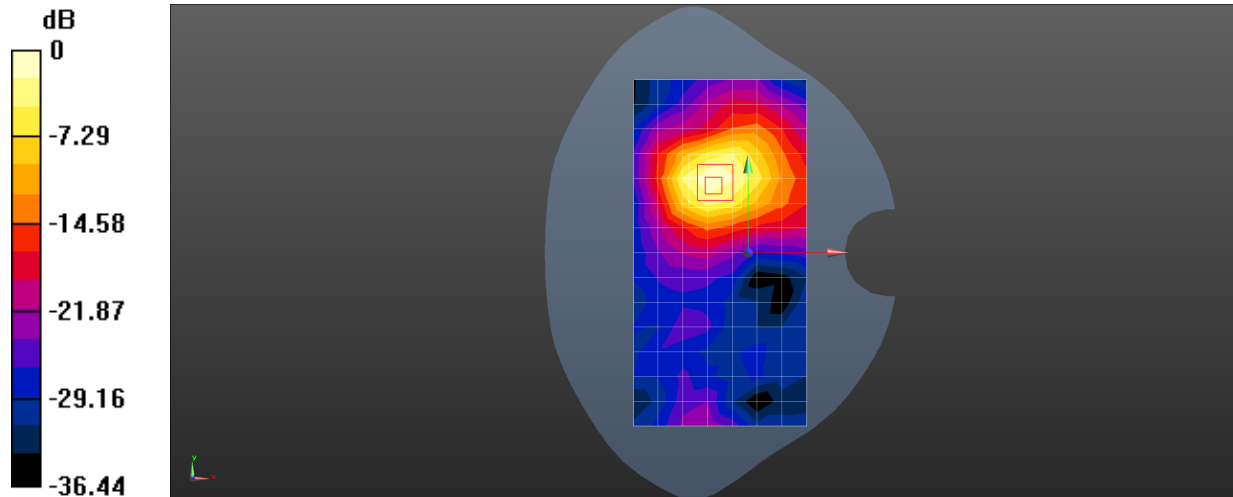
Peak SAR (extrapolated) = 2.45 W/kg

SAR(1 g) = 1.21 W/kg ; SAR(10 g) = 0.576 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 50.9%

Maximum value of SAR (measured) = 1.89 W/kg



0 dB = 1.68 W/kg = 2.26 dBW/kg

Test Laboratory: SGS-SAR Lab

A99 WCDMA Band II RMC 9400CH Back side 0mm

DUT: A99; Type: Android POS Terminal; Serial: 00062600107

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

Medium: HSL;Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.402 \text{ S/m}$; $\epsilon_r = 40.764$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.6, 7.6, 7.6); Calibrated: 2025/12/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (8x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 4.49 W/kg

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

Reference Value = 3.845 V/m; Power Drift = 0.19 dB

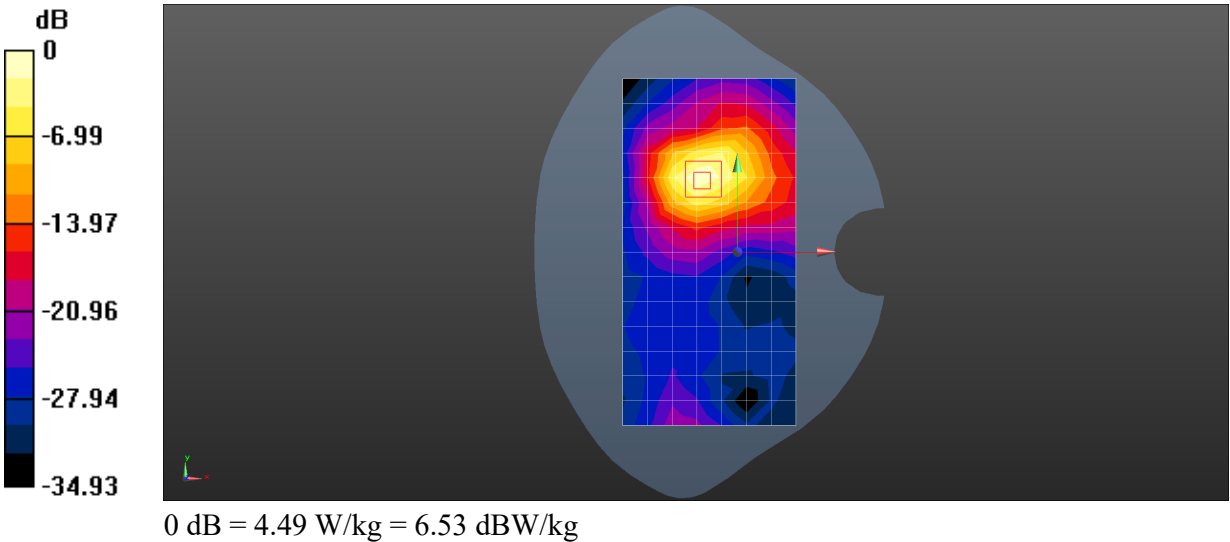
Peak SAR (extrapolated) = 5.81 W/kg

SAR(1 g) = 2.84 W/kg; SAR(10 g) = 1.35 W/kg

Smallest distance from peaks to all points 3 dB below = 9.7 mm

Ratio of SAR at M2 to SAR at M1 = 50.1%

Maximum value of SAR (measured) = 4.63 W/kg



Test Laboratory: SGS-SAR Lab

A99 WCDMA Band IV RMC 1412CH Back side 0mm

DUT: A99; Type: Android POS Terminal; Serial: 00062600107

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

Medium: HSL;Medium parameters used (interpolated): $f = 1732.4 \text{ MHz}$; $\sigma = 1.399 \text{ S/m}$; $\epsilon_r = 40.862$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.95, 7.95, 7.95); Calibrated: 2025/12/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (8x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 6.47 W/kg

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

Reference Value = 5.290 V/m ; Power Drift = 0.11 dB

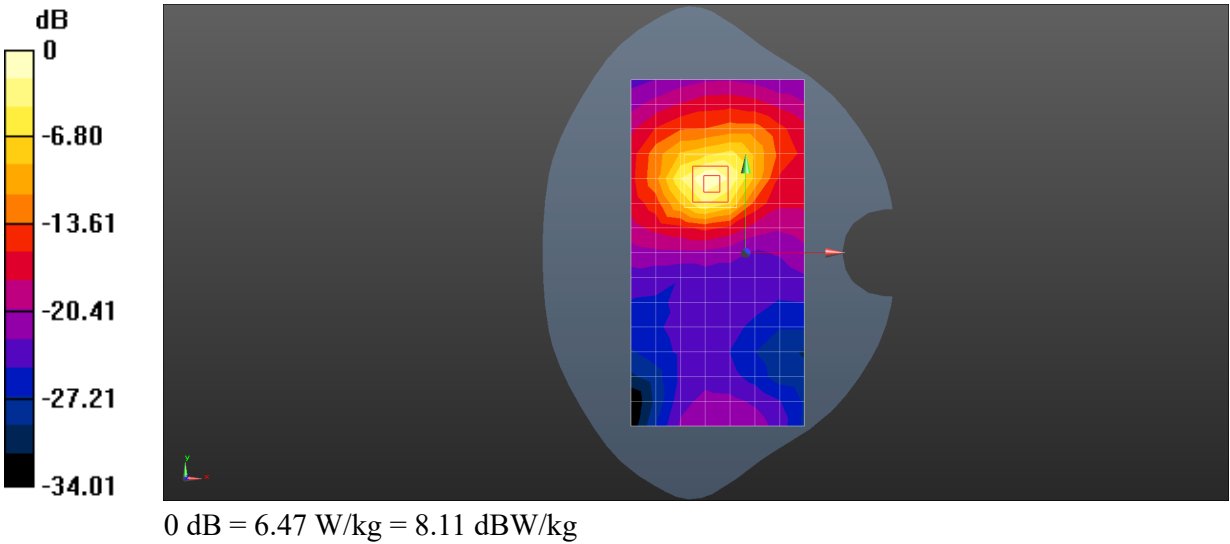
Peak SAR (extrapolated) = 9.32 W/kg

SAR(1 g) = 4.73 W/kg ; SAR(10 g) = 2.25 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 53.2%

Maximum value of SAR (measured) = 7.38 W/kg



Test Laboratory: SGS-SAR Lab

A99 WCDMA Band V RMC 4182CH Back side 0mm

DUT: A99; Type: Android POS Terminal; Serial: 00062600107

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

Medium: HSL; Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.898$ S/m; $\epsilon_r = 41.342$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(8.85, 8.85, 8.85); Calibrated: 2025/12/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.61 W/kg

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

Reference Value = 5.294 V/m; Power Drift = -0.15 dB

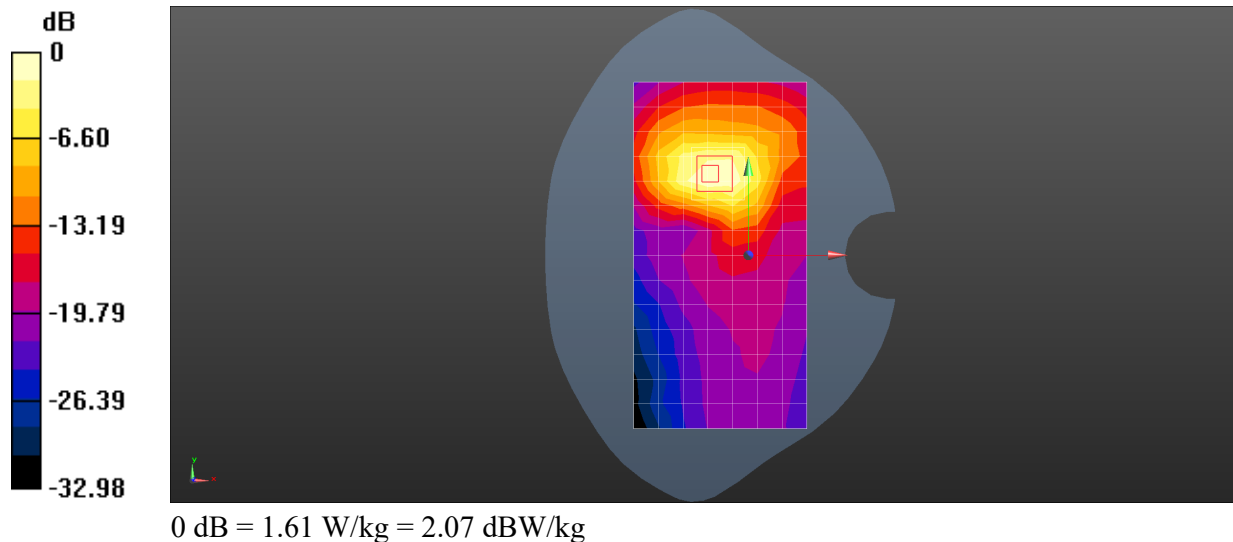
Peak SAR (extrapolated) = 2.84 W/kg

SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.678 W/kg

Smallest distance from peaks to all points 3 dB below = 10.2 mm

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

Maximum value of SAR (measured) = 2.27 W/kg



Test Laboratory: SGS-SAR Lab

A99 LTE Band 2 20M QPSK 1RB0 19100CH Back side 0mm

DUT: A99; Type: Android POS Terminal; Serial: 00062600107

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

Medium: HSL;Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.412 \text{ S/m}$; $\epsilon_r = 40.704$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.6, 7.6, 7.6); Calibrated: 2025/12/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (8x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 3.43 W/kg

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

Reference Value = 6.713 V/m; Power Drift = 0.09 dB

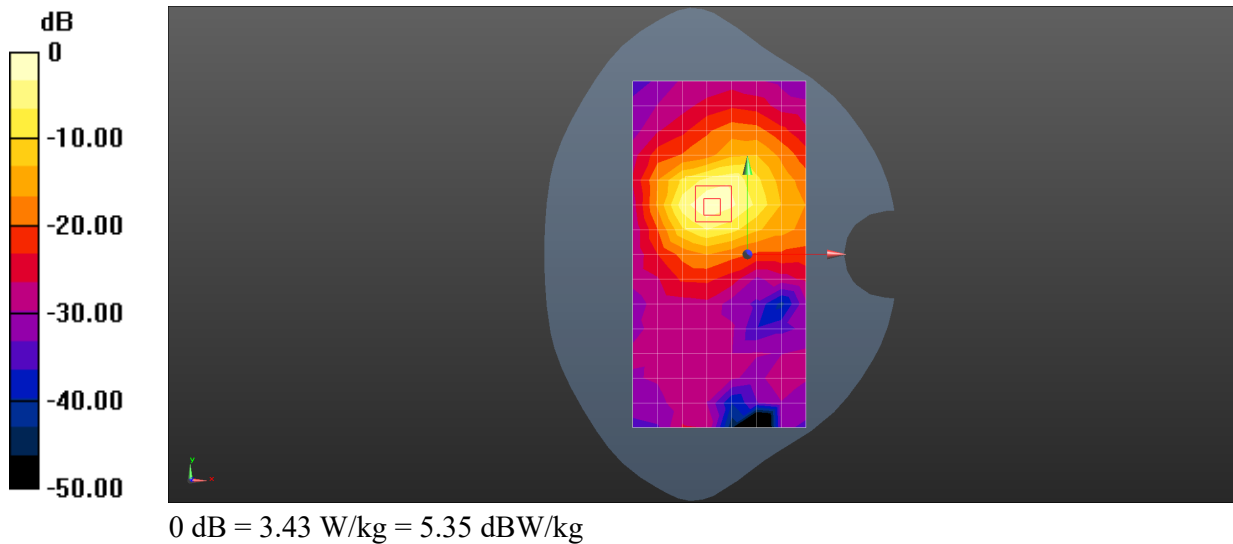
Peak SAR (extrapolated) = 4.32 W/kg

SAR(1 g) = 2.12 W/kg; SAR(10 g) = 1.01 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 51.1%

Maximum value of SAR (measured) = 3.30 W/kg



Test Laboratory: SGS-SAR Lab

A99 LTE Band 4 20M QPSK 1RB0 20175CH Back side 0mm

DUT: A99; Type: Android POS Terminal; Serial: 00062600107

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

Medium: HSL; Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.399$ S/m; $\epsilon_r = 40.861$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.95, 7.95, 7.95); Calibrated: 2025/12/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 4.04 W/kg

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

Reference Value = 5.488 V/m; Power Drift = 0.10 dB

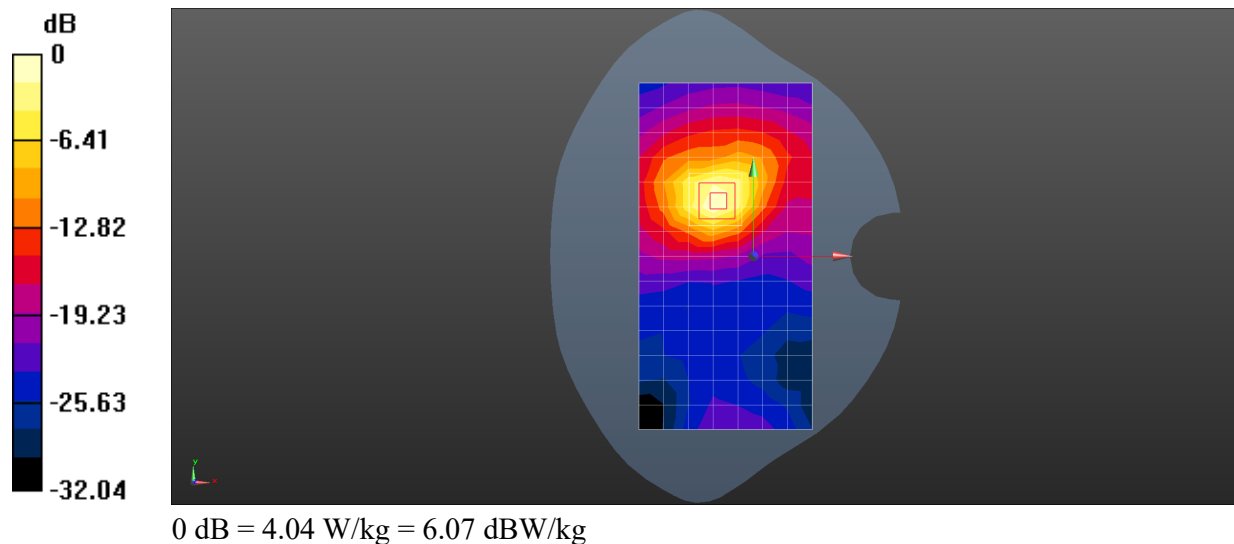
Peak SAR (extrapolated) = 6.09 W/kg

SAR(1 g) = 3.04 W/kg; SAR(10 g) = 1.45 W/kg

Smallest distance from peaks to all points 3 dB below = 9.5 mm

Ratio of SAR at M2 to SAR at M1 = 54.1%

Maximum value of SAR (measured) = 4.67 W/kg



Test Laboratory: SGS-SAR Lab

A99 LTE Band 5 10M QPSK 1RB0 20525CH Back side 0mm

DUT: A99; Type: Android POS Terminal; Serial: 00062600107

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

Medium: HSL; Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.898$ S/m; $\epsilon_r = 41.341$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(8.85, 8.85, 8.85); Calibrated: 2025/12/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (8x15x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.958 W/kg

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

Reference Value = 3.778 V/m; Power Drift = 0.09 dB

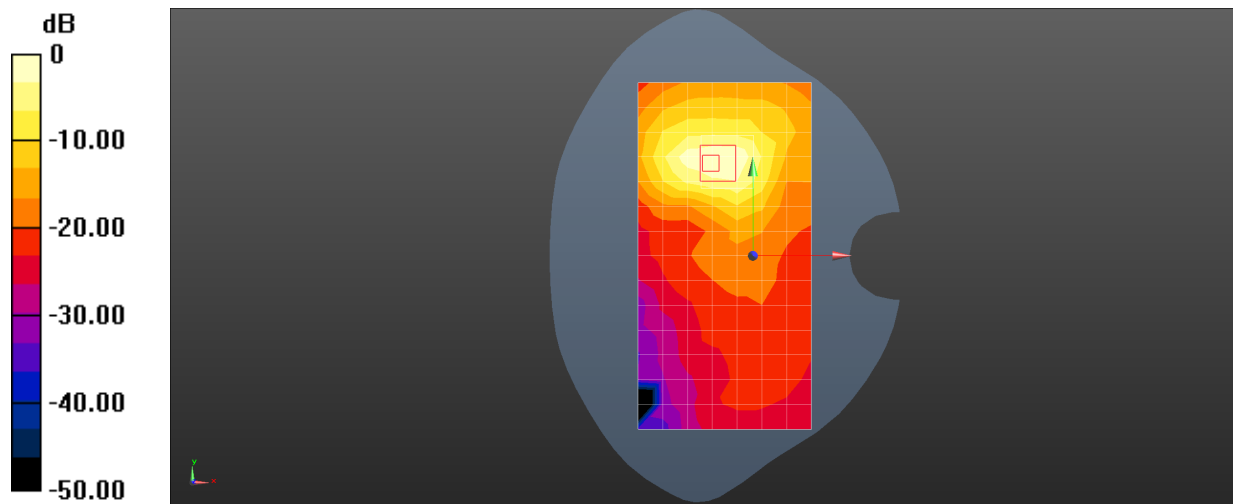
Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.684 W/kg; SAR(10 g) = 0.360 W/kg

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 45.9%

Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 0.958 W/kg = -0.18 dBW/kg

Test Laboratory: SGS-SAR Lab

A99 LTE Band 7 20M QPSK 1RB0 20850CH Back side 0mm

DUT: A99; Type: Android POS Terminal; Serial: 00062600107

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: HSL; Medium parameters used: $f = 2510$ MHz; $\sigma = 1.85$ S/m; $\epsilon_r = 38.476$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.07, 7.07, 7.07); Calibrated: 2025/12/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (10x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 5.20 W/kg

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

Reference Value = 8.617 V/m; Power Drift = 0.03 dB

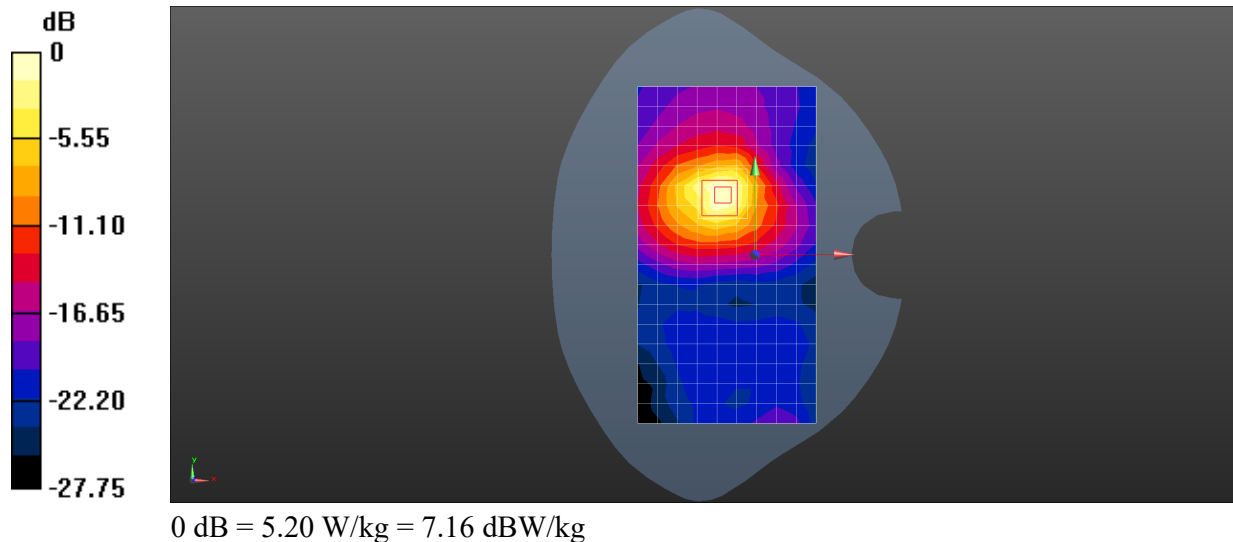
Peak SAR (extrapolated) = 10.1 W/kg

SAR(1 g) = 4.28 W/kg; SAR(10 g) = 1.72 W/kg

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 49%

Maximum value of SAR (measured) = 7.23 W/kg



Test Laboratory: SGS-SAR Lab

A99 LTE Band 38 20M QPSK 1RB0 38000CH Back side 0mm

DUT: A99; Type: Android POS Terminal; Serial: 00062600107

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

Medium: HSL;Medium parameters used: $f = 2595 \text{ MHz}$; $\sigma = 1.899 \text{ S/m}$; $\epsilon_r = 38.405$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.07, 7.07, 7.07); Calibrated: 2025/12/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (10x18x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 2.53 W/kg

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

Reference Value = 2.719 V/m; Power Drift = 0.07 dB

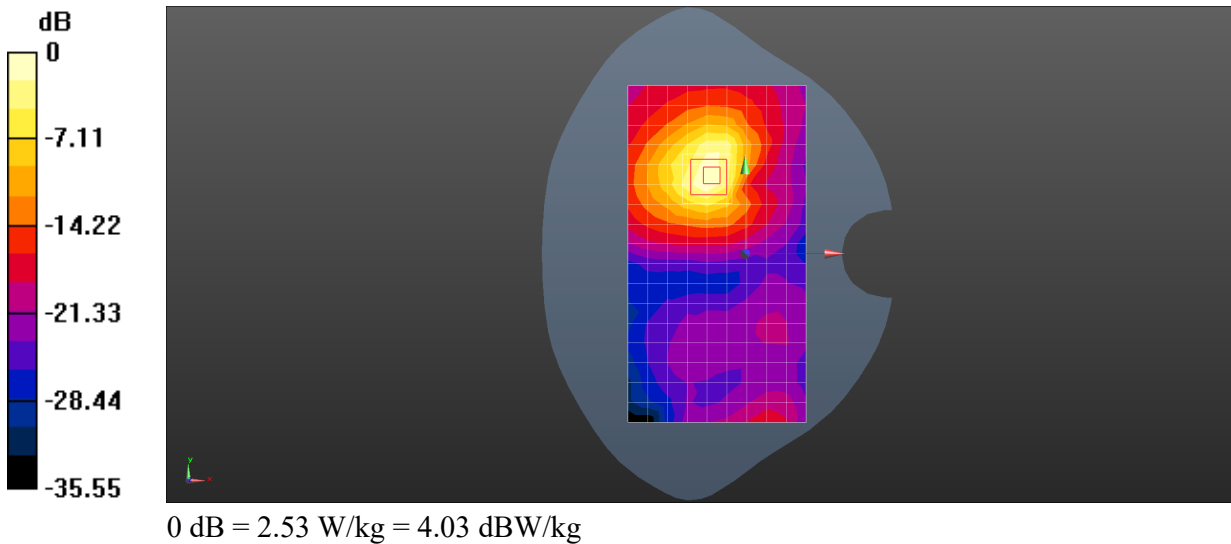
Peak SAR (extrapolated) = 3.93 W/kg

SAR(1 g) = 1.72 W/kg; SAR(10 g) = 0.721 W/kg

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 43.2%

Maximum value of SAR (measured) = 2.95 W/kg



Test Laboratory: SGS-SAR Lab

A99 WIFI 2.4G 802.11b 11CH Right side 0mm

DUT: A99; Type: Android POS Terminal; Serial: 00062600107

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

Medium: HSL;Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.819 \text{ S/m}$; $\epsilon_r = 38.517$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.24, 7.24, 7.24); Calibrated: 2025/12/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (10x18x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.917 W/kg

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

Reference Value = 13.52 V/m ; Power Drift = 0.07 dB

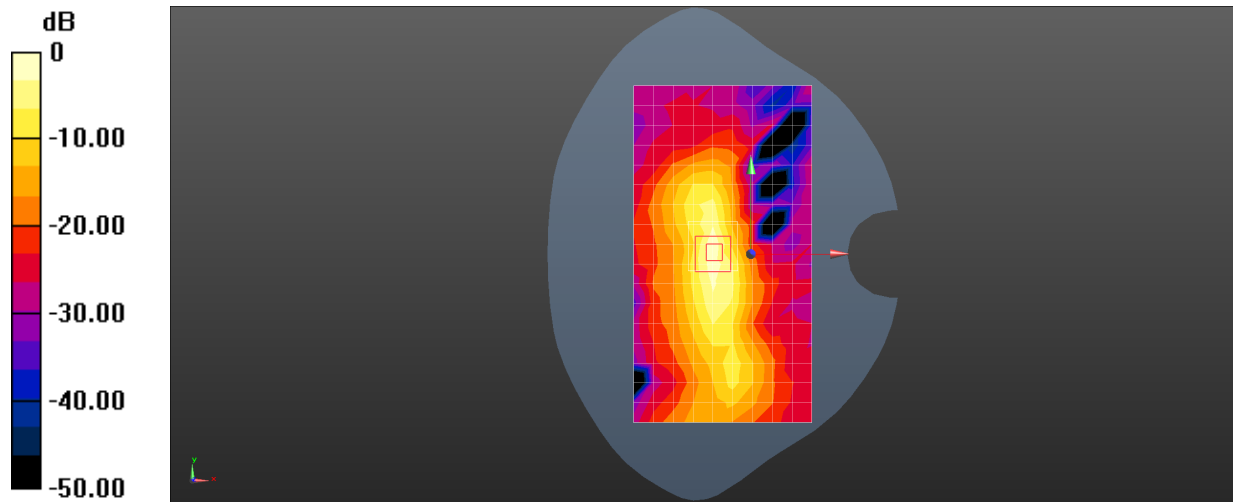
Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.448 W/kg ; SAR(10 g) = 0.172 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 33.3%

Maximum value of SAR (measured) = 0.938 W/kg



0 dB = 0.917 W/kg = -0.38 dBW/kg

Test Laboratory: SGS-SAR Lab

A99 WIFI 5G 802.11a 100CH Right side 0mm

DUT: A99; Type: Android POS Terminal; Serial: 00062600107

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: HSL; Medium parameters used: $f = 5500 \text{ MHz}$; $\sigma = 5.039 \text{ S/m}$; $\epsilon_r = 36.271$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(4.65, 4.65, 4.65); Calibrated: 2025/12/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (9x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.584 W/kg

Configuration/Scan/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 6.718 V/m ; Power Drift = 0.01 dB

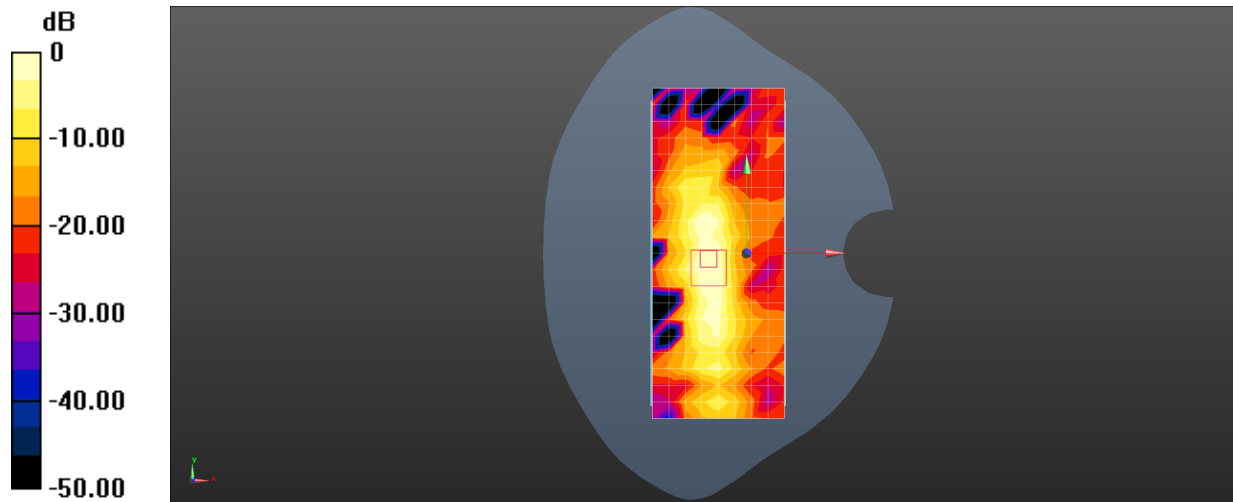
Peak SAR (extrapolated) = 3.07 W/kg

SAR(1 g) = 0.517 W/kg ; SAR(10 g) = 0.116 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 50.3%

Maximum value of SAR (measured) = 1.64 W/kg



0 dB = 0.584 W/kg = -2.33 dBW/kg

Test Laboratory: SGS-SAR Lab

A99 Bluetooth DH5 0CH Right side 0mm

DUT: A99; Type: Android POS Terminal; Serial: 00062600107

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

Medium: HSL; Medium parameters used: $f = 2402$ MHz; $\sigma = 1.781$ S/m; $\epsilon_r = 38.624$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.24, 7.24, 7.24); Calibrated: 2025/12/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (8x18x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.122 W/kg

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

Reference Value = 3.516 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.192 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.025 W/kg

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 34.4%

Maximum value of SAR (measured) = 0.138 W/kg

