

Appendix B

Detailed Test Results

GSM850 for Extremity
GSM1900 for Extremity
WCDMA Band II 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
WIFI 2.4G for Extremity
WIFI 5G for Extremity
BT for Extremity

Test Laboratory: SGS-SAR Lab

A60 GSM850 GPRS 2TS 190CH Back side 0mm

DUT: A60; Type: Payment Terminal; Serial: 866268070002023

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: $f = 837\text{ MHz}$; $\sigma = 0.892\text{ S/m}$; $\epsilon_r = 43.16$; $\rho = 1000\text{ kg/m}^3$

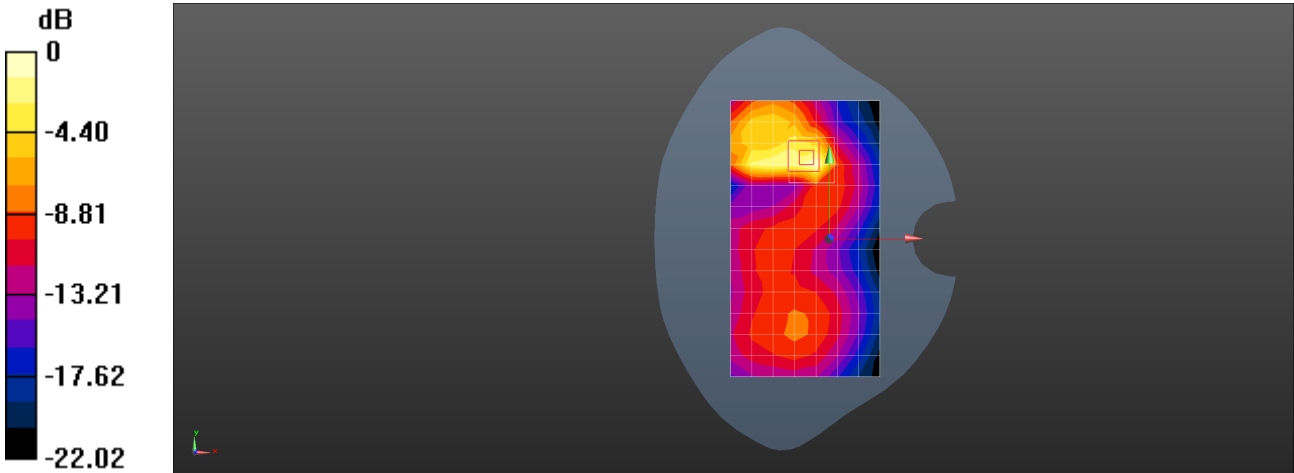
Phantom section: Flat Section

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) = 2.00 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 = 12.74 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.10 W/kg
SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.605 W/kg
Smallest distance from peaks to all points 3 dB below = 9.4 mm
Ratio of SAR at M2 to SAR at M1 = 37.4%
Maximum value of SAR (measured) = 2.26 W/kg



0 dB = 2.00 W/kg = 3.01 dBW/kg

Test Laboratory: SGS-SAR Lab

A60 GSM1900 GPRS 4TS 512CH Back side 0mm

DUT: A60; Type: Payment Terminal; Serial: 866268070002023

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 1850.2 MHz;Duty Cycle: 1:2.07491

Medium: HSL1950;Medium parameters used (interpolated): $f = 1850.2 \text{ MHz}$; $\sigma = 1.414 \text{ S/m}$; $\epsilon_r = 40.462$; $\rho = 1000 \text{ kg/m}^3$

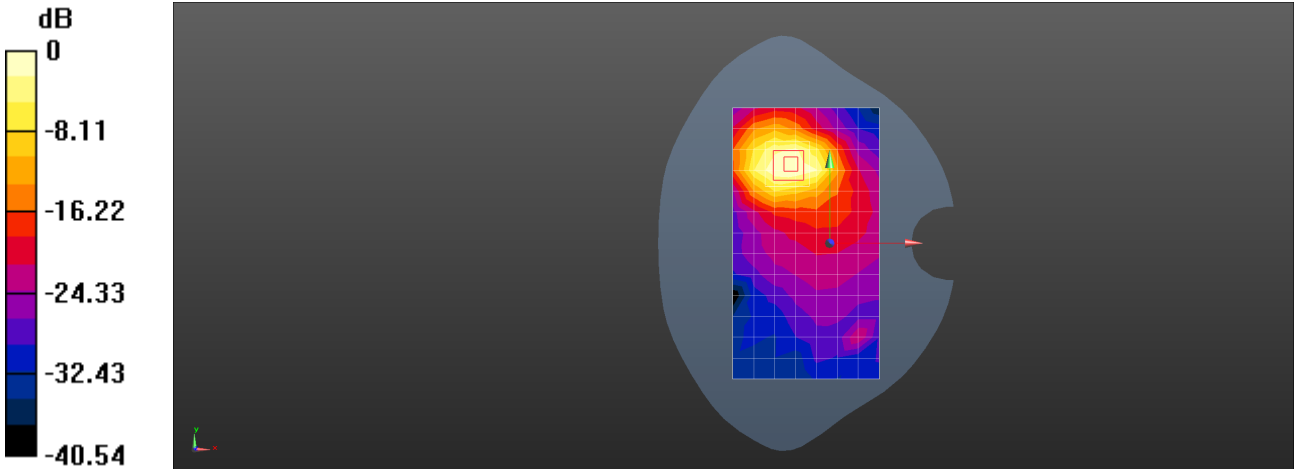
Phantom section: Flat Section

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) = 3.98 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 = 4.410 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 5.58 W/kg
SAR(1 g) = 3.36 W/kg; SAR(10 g) = 1.86 W/kg
Smallest distance from peaks to all points 3 dB below = 9.7 mm
Ratio of SAR at M2 to SAR at M1 = 58.8%
Maximum value of SAR (measured) = 4.73 W/kg



0 dB = 3.98 W/kg = 5.99 dBW/kg

Test Laboratory: SGS-SAR Lab

A60 WCOMA Band 2 RMC 9262CH Back side 0mm

DUT: A60; Type: Payment Terminal; Serial: 866268070002023

Communication System: UID 0, WCDMA (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1

Medium: HSL1950;Medium parameters used (interpolated): $f = 1852.4 \text{ MHz}$; $\sigma = 1.414 \text{ S/m}$; $\epsilon_r = 40.462$; $\rho = 1000 \text{ kg/m}^3$

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) = 4.90 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 = 3.159 V/m; Power Drift = -0.02 dB

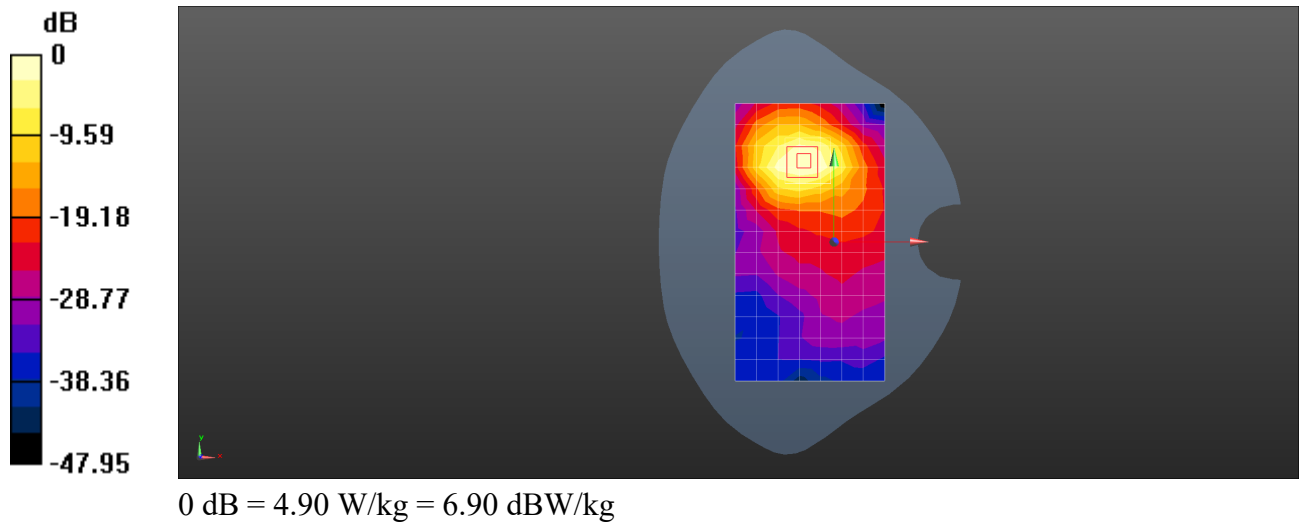
Peak SAR (extrapolated) = 6.65 W/kg

SAR(1 g) = 4 W/kg; SAR(10 g) = 2.25 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 60.4%

Maximum value of SAR (measured) = 5.71 W/kg



Test Laboratory: SGS-SAR Lab

A60 WCOMA Band 5 RMC 4182CH Back side 0mm

DUT: A60; Type: Payment Terminal; Serial: 866268070002023

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

Medium: HSL835;Medium parameters used (interpolated): $f = 836.4 \text{ MHz}$; $\sigma = 0.891 \text{ S/m}$; $\epsilon_r = 43.163$; $\rho = 1000 \text{ kg/m}^3$

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) = 2.72 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 = 16.06 V/m; Power Drift = -0.05 dB

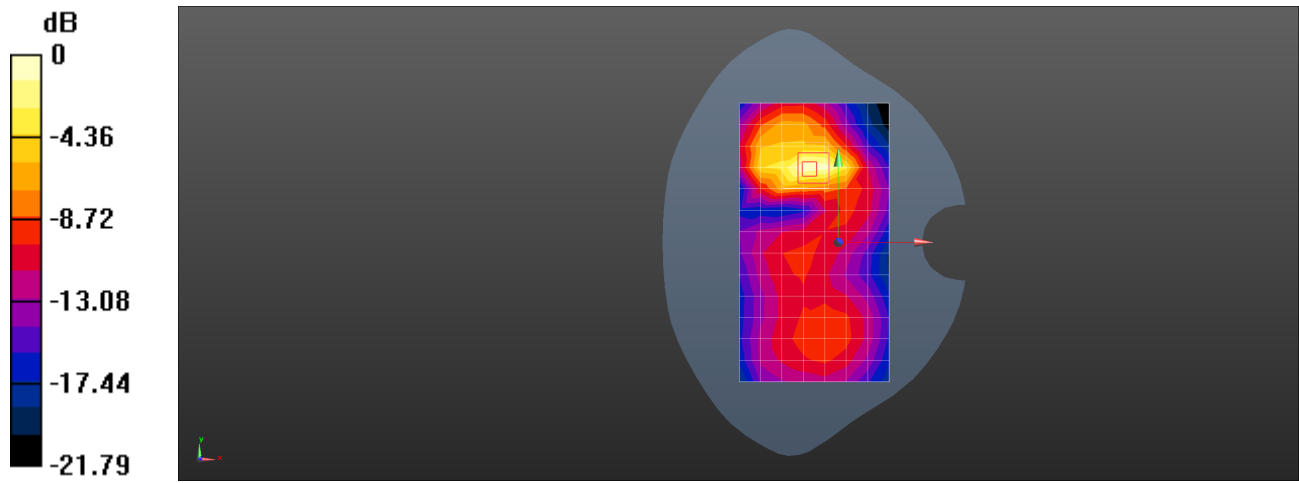
Peak SAR (extrapolated) = 3.40 W/kg

SAR(1 g) = 1.55 W/kg; SAR(10 g) = 0.864 W/kg

Smallest distance from peaks to all points 3 dB below = 9.4 mm

Ratio of SAR at M2 to SAR at M1 = 49.5%

Maximum value of SAR (measured) = 2.44 W/kg



0 dB = 2.72 W/kg = 4.34 dBW/kg

Test Laboratory: SGS-SAR Lab

A60 LTE Band 2 20M QPSK 1RB50 18700CH Back side 0mm

DUT: A60; Type: Payment Terminal; Serial: 866268070002023

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1860 MHz;Duty Cycle: 1:1

Medium: HSL1950;Medium parameters used: $f = 1860 \text{ MHz}$; $\sigma = 1.414 \text{ S/m}$; $\epsilon_r = 40.46$; $\rho = 1000 \text{ kg/m}^3$

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) = 5.64 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 = 4.098 V/m; Power Drift = -0.07 dB

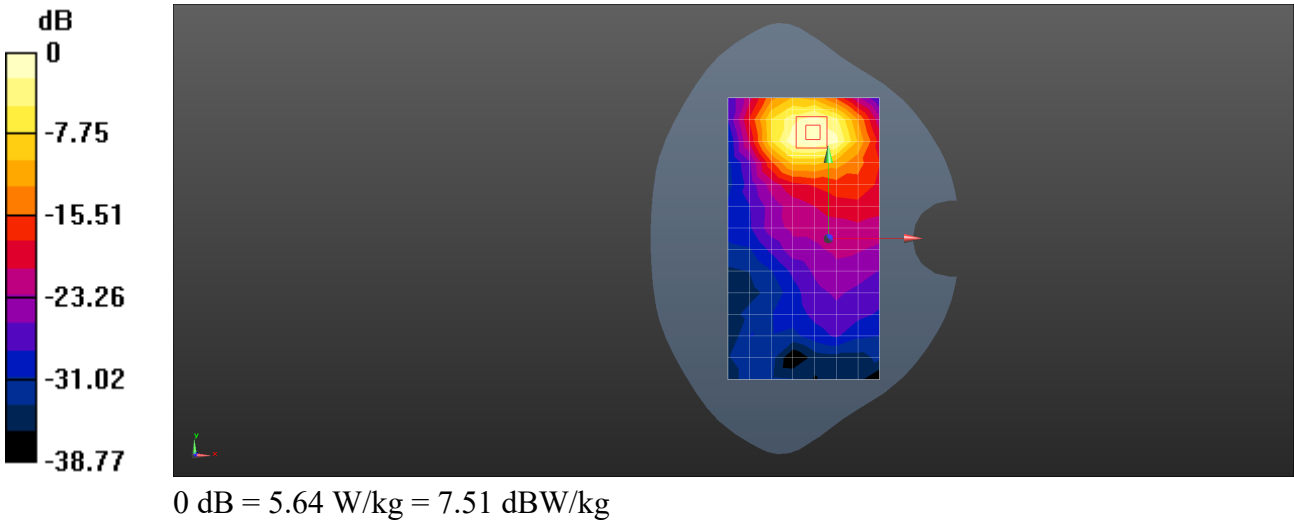
Peak SAR (extrapolated) = 7.58 W/kg

SAR(1 g) = 4.5 W/kg; SAR(10 g) = 2.53 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 63.6%

Maximum value of SAR (measured) = 6.26 W/kg



Test Laboratory: SGS-SAR Lab

A60 LTE Band 4 20M QPSK 1RB0 20175CH Back side 0mm

DUT: A60; Type: Payment Terminal; Serial: 866268070002023

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

Medium: HSL1750;Medium parameters used (interpolated): $f = 1732.5 \text{ MHz}$; $\sigma = 1.374 \text{ S/m}$; $\epsilon_r = 40.572$; $\rho = 1000 \text{ kg/m}^3$

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) = 5.93 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 = 5.237 V/m; Power Drift = 0.09 dB

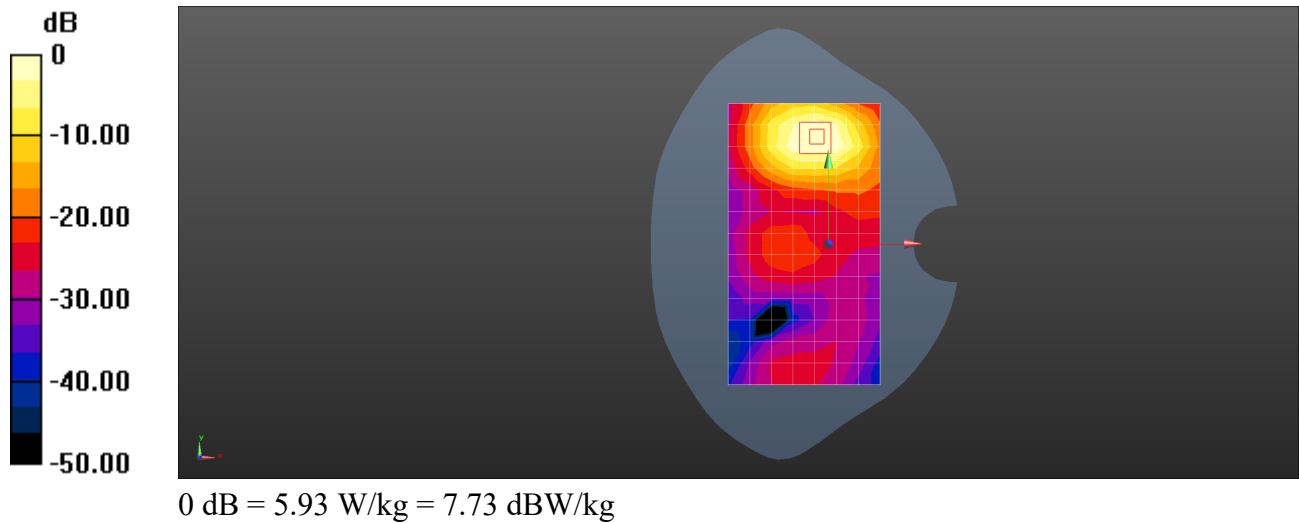
Peak SAR (extrapolated) = 9.58 W/kg

SAR(1 g) = 5.6 W/kg; SAR(10 g) = 3.14 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 58.1%

Maximum value of SAR (measured) = 8.05 W/kg



Test Laboratory: SGS-SAR Lab

A60 LTE Band 5 10M QPSK 1RB0 20525CH Back side 0mm

DUT: A60; Type: Payment Terminal; Serial: 866268070002023

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

Medium: HSL835;Medium parameters used (interpolated): $f = 836.5 \text{ MHz}$; $\sigma = 0.891 \text{ S/m}$; $\epsilon_r = 43.163$; $\rho = 1000 \text{ kg/m}^3$

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) = 2.17 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 = 15.33 V/m; Power Drift = 0.04 dB

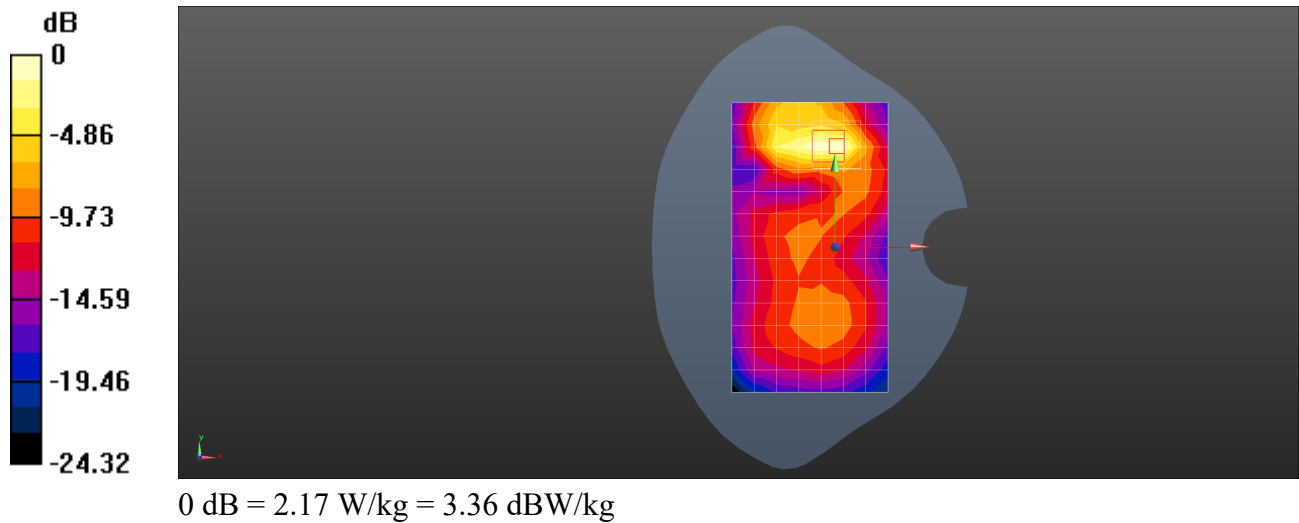
Peak SAR (extrapolated) = 2.80 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.673 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 47.9%

Maximum value of SAR (measured) = 1.98 W/kg



Test Laboratory: SGS-SAR Lab

A60 LTE Band 7 20M QPSK 1RB0 21100CH Back side 0mm

DUT: A60; Type: Payment Terminal; Serial: 866268070002023

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

Medium: HSL2600;Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.882 \text{ S/m}$; $\epsilon_r = 39.831$; $\rho = 1000 \text{ kg/m}^3$

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: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 6.44 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 = 3.981 V/m; Power Drift = 0.0 dB

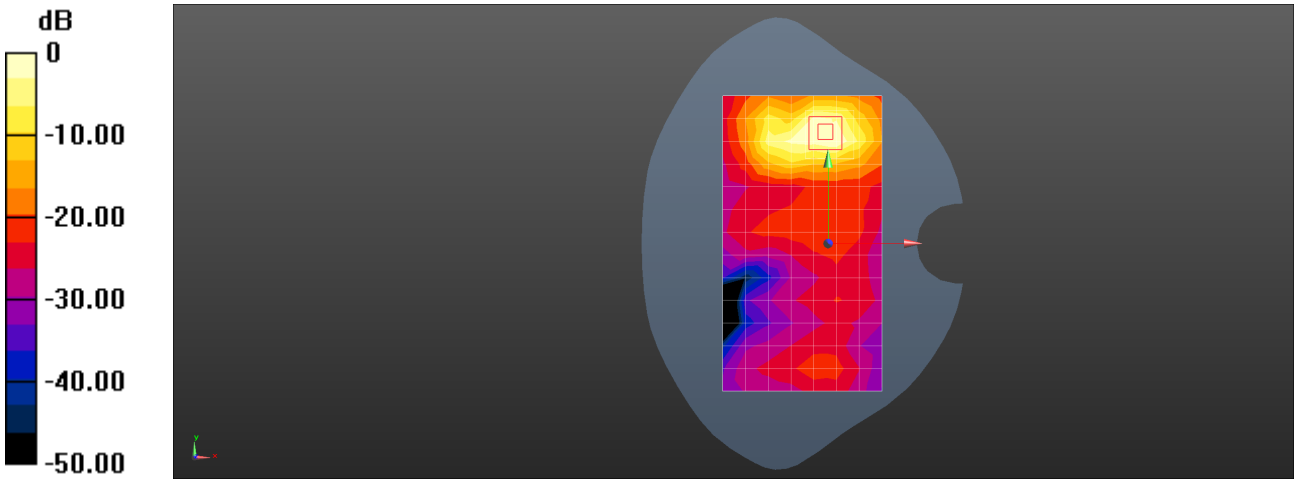
Peak SAR (extrapolated) = 10.3 W/kg

SAR(1 g) = 5.12 W/kg; SAR(10 g) = 2.32 W/kg

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

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

Maximum value of SAR (measured) = 8.03 W/kg



0 dB = 6.44 W/kg = 8.09 dBW/kg

Test Laboratory: SGS-SAR Lab

A60 WIFI 2.4G 802.11b 20M 1CH Right side 0mm

DUT: A60; Type: Payment Terminal; Serial: 866268070002023

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

Medium: HSL2450;Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.783 \text{ S/m}$; $\epsilon_r = 38.633$; $\rho = 1000 \text{ kg/m}^3$

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) = 0.669 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 = 5.994 V/m; Power Drift = 0.07 dB

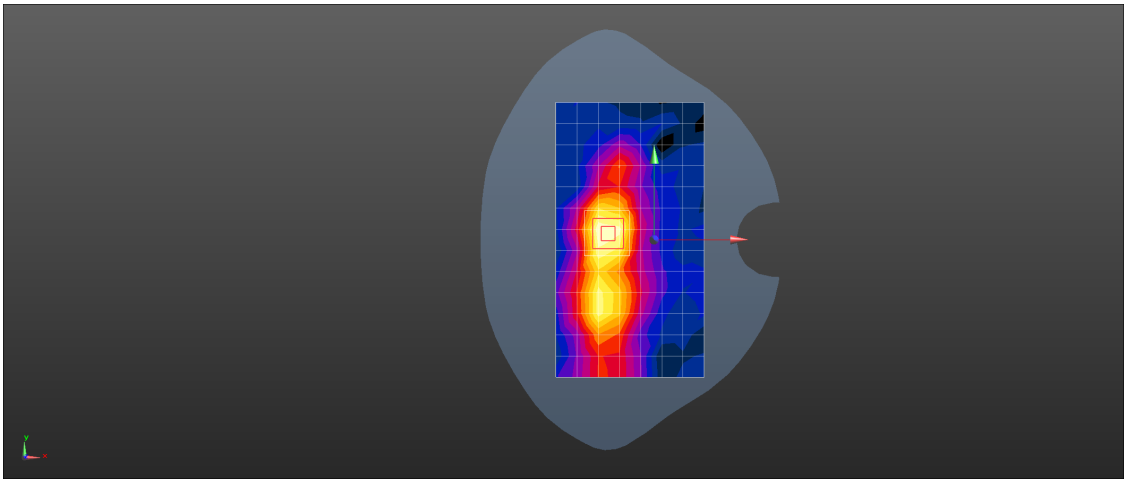
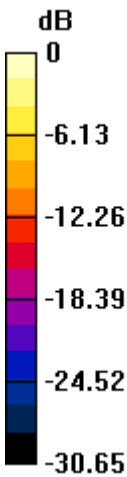
Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.737 W/kg; SAR(10 g) = 0.307 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 50.2%

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



0 dB = 0.669 W/kg = -1.75 dBW/kg

Test Laboratory: SGS-SAR Lab

A60 WIFI 5G 802.11a 20M 116CH Right side 0mm

DUT: A60; Type: Payment Terminal; Serial: 866268070002023

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5580 MHz;Duty Cycle: 1:1

Medium: HSL5G;Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.266 \text{ S/m}$; $\epsilon_r = 36.089$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(4.67, 4.67, 4.67); 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 (10x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 2.44 W/kg

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

Reference Value = 17.94 V/m; Power Drift = 0.08 dB

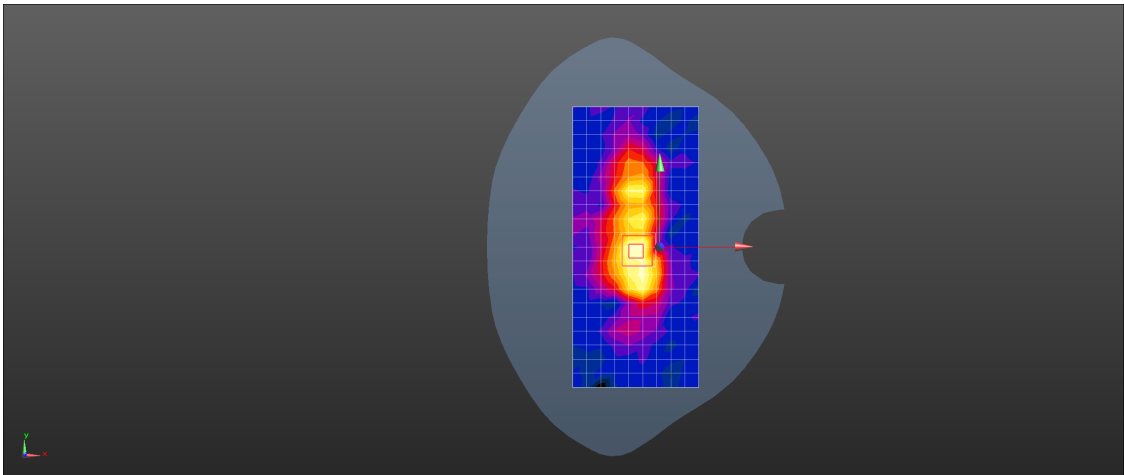
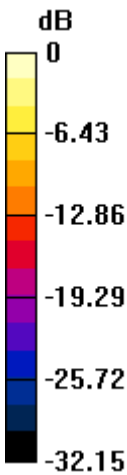
Peak SAR (extrapolated) = 10.2 W/kg

SAR(1 g) = 1.62 W/kg; SAR(10 g) = 0.360 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 47.1%

Maximum value of SAR (measured) = 4.69 W/kg



0 dB = 2.44 W/kg = 3.87 dBW/kg

Test Laboratory: SGS-SAR Lab

A60 BT DH5 39CH Right side 0mm

DUT: A60; Type: Payment Terminal; Serial: 866268070002023

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1

Medium: HSL2450;Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.799 \text{ S/m}$; $\epsilon_r = 38.578$; $\rho = 1000 \text{ kg/m}^3$

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 (10x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.188 W/kg

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

Reference Value = 2.059 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.040 W/kg

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

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

Maximum value of SAR (measured) = 0.177 W/kg

