



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

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Rev.: 01

Appendix B

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
Wireless Laboratory

South of No. 6 Plant, No. 1, RunSheng Road, Suzhou Industrial Park,
Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000

t (86-512) 6229 2980
www.sgsgroup.com.cn

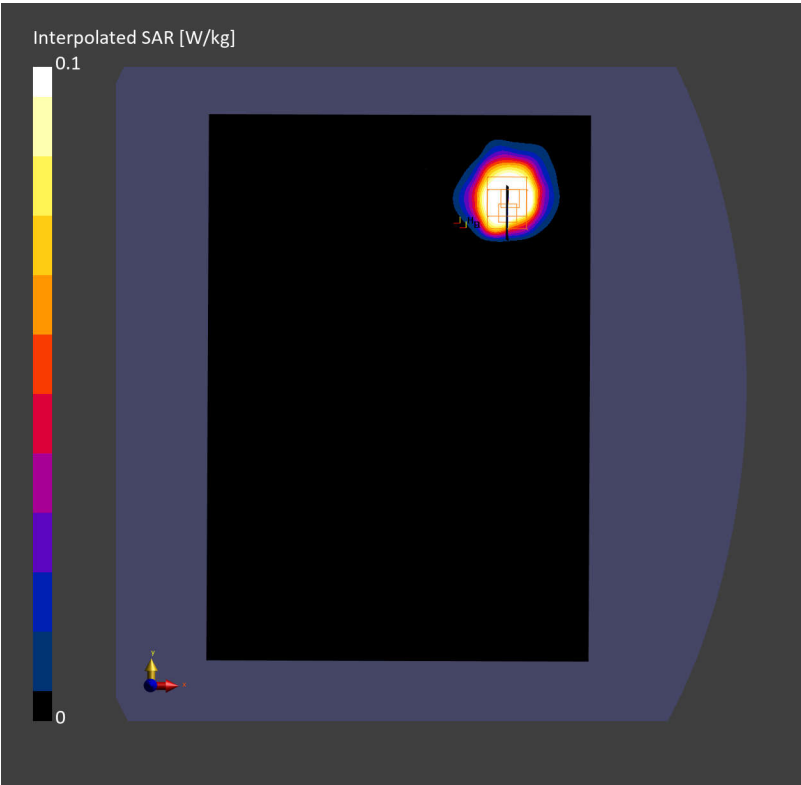
NFC 13.56MHz Back side 0mm

Communication System: Custom Band; Frequency: 13.600
Medium: HSL. Medium parameters used: $f=13.600\text{ MHz}$; $\sigma=0.761\text{ S/m}$; $\epsilon_r=55.6$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7735; ConvF(13.68, 13.51, 13.73); Calibrated: 2025-01-29
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1826; Calibrated: 2025-02-17
 - Phantom: ELI V8.0 (20deg probe tilt); Serial: 2217
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (210.0 mm x 300.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.019 W/kg; SAR (10g) = 0.009 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = 0.06 dB
SAR (1g) = 0.023 W/kg; SAR (10g) = 0.011 W/kg;
M2/M1 [%] 58.5
Dist 3dB Peak [mm] 6.6



Test Laboratory: SGS-SAR Lab

T670A GSM850 GPRS 4TS 128CH Bottom side 0mm

DUT: T670A; Type: Smart POS; Serial: 863864070010298

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 824.2 MHz; Duty Cycle: 1:2.08

Medium: HSL835; Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.907$ S/m; $\epsilon_r = 41.666$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.19, 10.19, 10.19); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (5x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.594 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=2.8$ mm, $dy=2.8$ mm, $dz=1.4$ mm

Reference Value = 12.27 V/m; Power Drift = -0.04 dB

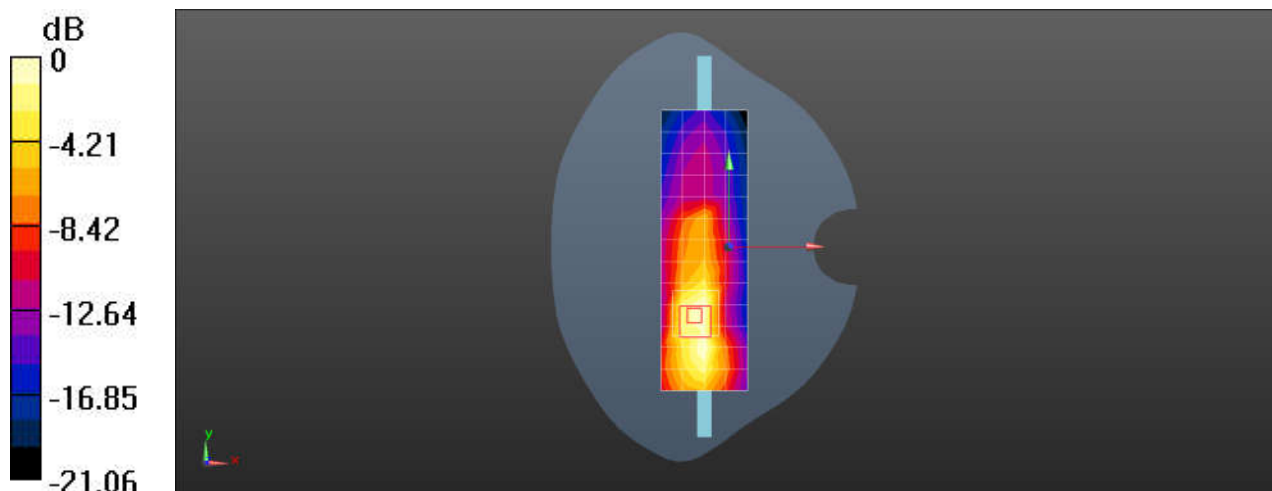
Peak SAR (extrapolated) = 2.75 W/kg

SAR(1 g) = 0.813 W/kg; SAR(10 g) = 0.388 W/kg

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 36.9%

Maximum value of SAR (measured) = 1.91 W/kg



0 dB = 0.594 W/kg = -2.27 dBW/kg

Test Laboratory: SGS-SAR Lab

T670A GSM1900 GPRS 4TS 512CH Bottom side 0mm

DUT: T670A; Type: Smart POS; Serial: 863864070010298

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.08

Medium: HSL1950; Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.364$ S/m; $\epsilon_r = 40.778$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(8.45, 8.45, 8.45); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (5x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 1.01 W/kg

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

Reference Value = 3.194 V/m; Power Drift = 0.05 dB

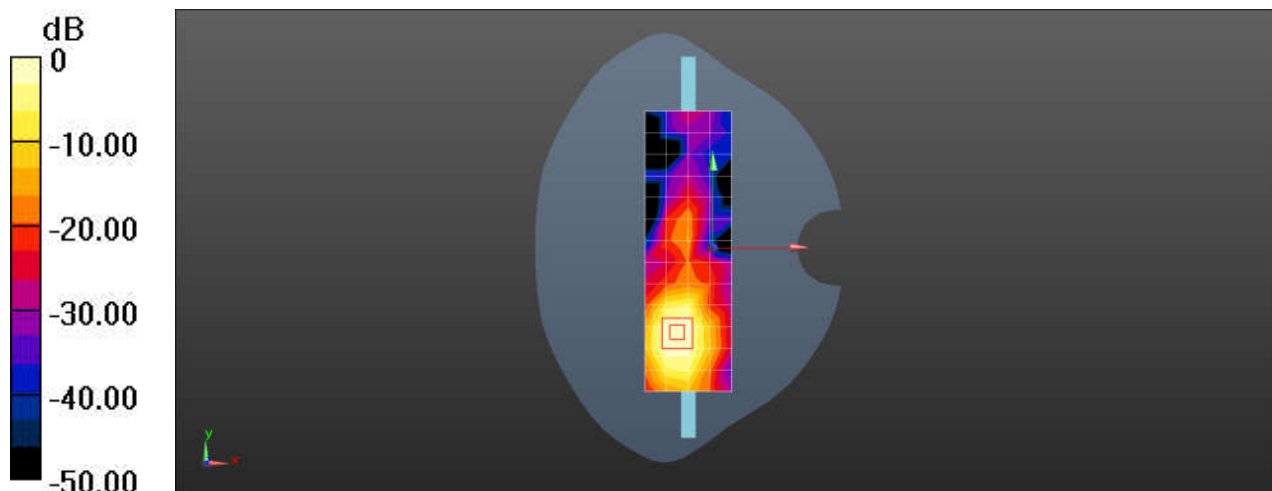
Peak SAR (extrapolated) = 2.62 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.506 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 46%

Maximum value of SAR (measured) = 2.10 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

Test Laboratory: SGS-SAR Lab

T670A WCDMA Band II RMC 9538CH Bottom side 0mm

DUT: T670A; Type: Smart POS; Serial: 863864070010298

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL1950; Medium parameters used: $f = 1908$ MHz; $\sigma = 1.404$ S/m; $\epsilon_r = 40.629$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(8.45, 8.45, 8.45); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.20 W/kg

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

Reference Value = 3.902 V/m; Power Drift = 0.06 dB

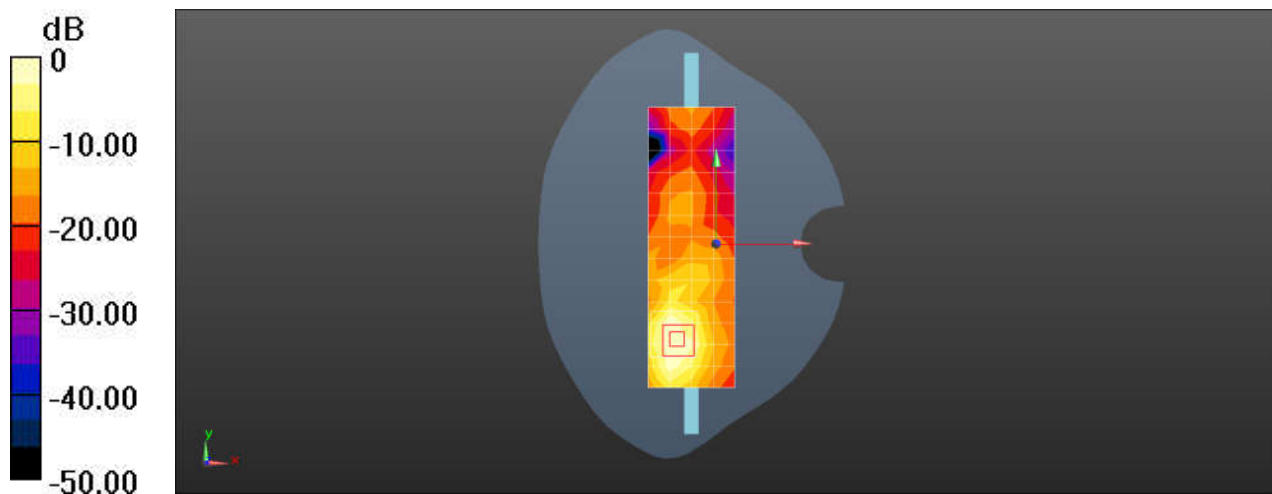
Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 0.900 W/kg; SAR(10 g) = 0.433 W/kg

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 41.3%

Maximum value of SAR (measured) = 1.55 W/kg



Test Laboratory: SGS-SAR Lab

T670A WCDMA Band IV RMC 1513CH Bottom side 0mm

DUT: T670A; Type: Smart POS; Serial: 863864070010298

Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1753$ MHz; $\sigma = 1.329$ S/m; $\epsilon_r = 38.448$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(8.8, 8.8, 8.8); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.04 W/kg

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

Reference Value = 11.10 V/m; Power Drift = -0.09 dB

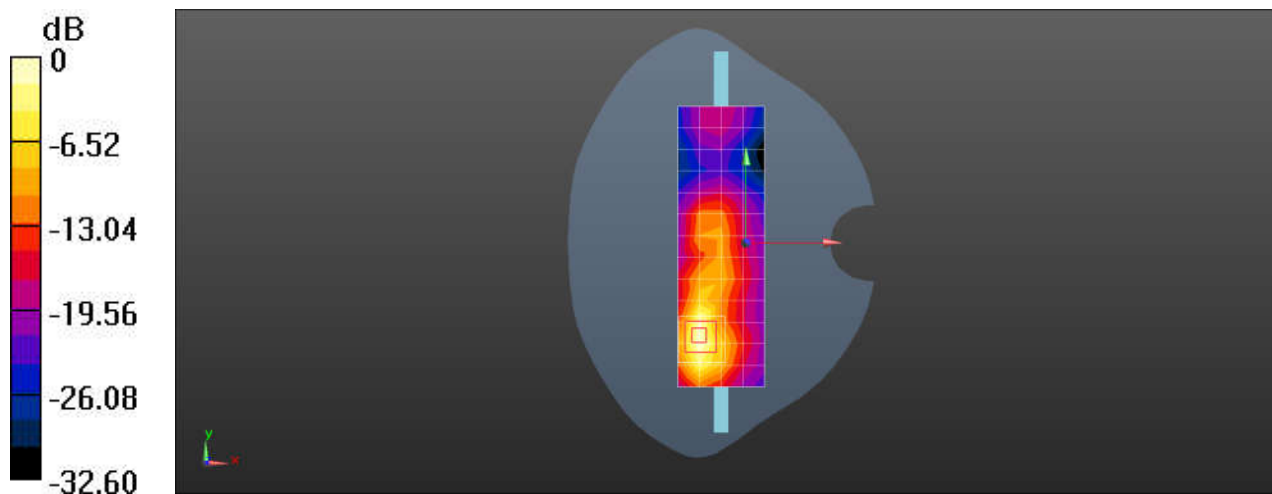
Peak SAR (extrapolated) = 2.56 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.466 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 42%

Maximum value of SAR (measured) = 1.94 W/kg



Test Laboratory: SGS-SAR Lab

T670A WCDMA Band V RMC 4182CH Bottom side 0mm

DUT: T670A; Type: Smart POS; Serial: 863864070010298

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

Medium: HSL835; Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.57$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.19, 10.19, 10.19); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.684 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=2.1mm, dy=2.1mm, dz=1.4mm

Reference Value = 11.57 V/m; Power Drift = 0.15 dB

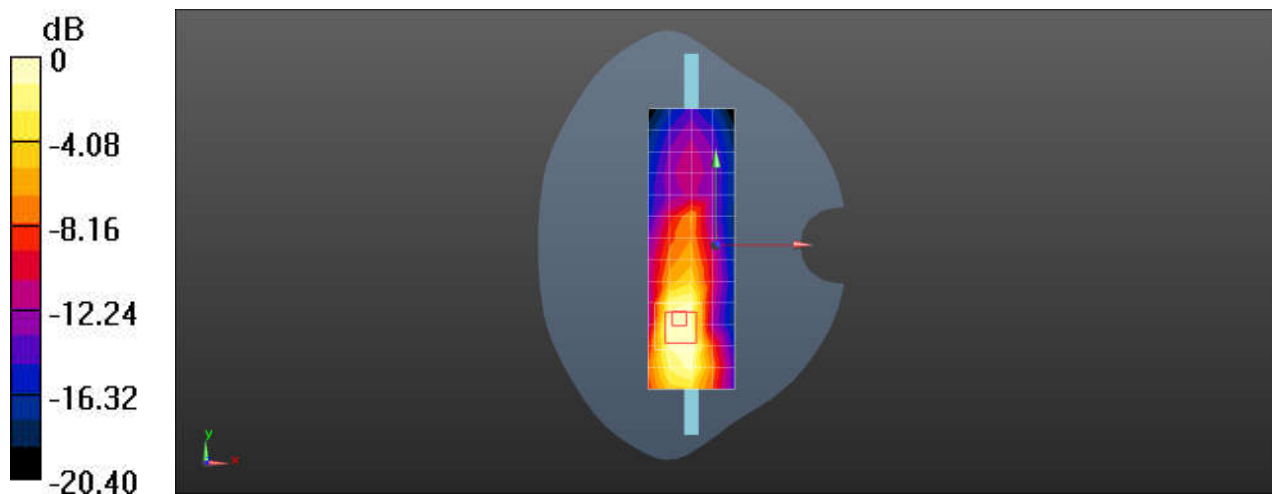
Peak SAR (extrapolated) = 3.82 W/kg

SAR(1 g) = 0.973 W/kg; SAR(10 g) = 0.394 W/kg

Smallest distance from peaks to all points 3 dB below = 3.6 mm

Ratio of SAR at M2 to SAR at M1 = 35.9%

Maximum value of SAR (measured) = 2.67 W/kg



0 dB = 0.684 W/kg = -1.65 dBW/kg

Test Laboratory: SGS-SAR Lab

T670A LTE Band 7 QPSK 20M 1RB0 21350CH Bottom side 0mm

DUT: T670A; Type: Smart POS; Serial: 863864070010298

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2560$ MHz; $\sigma = 1.985$ S/m; $\epsilon_r = 39.078$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.79, 7.79, 7.79); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.67 W/kg

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

Reference Value = 6.930 V/m; Power Drift = 0.09 dB

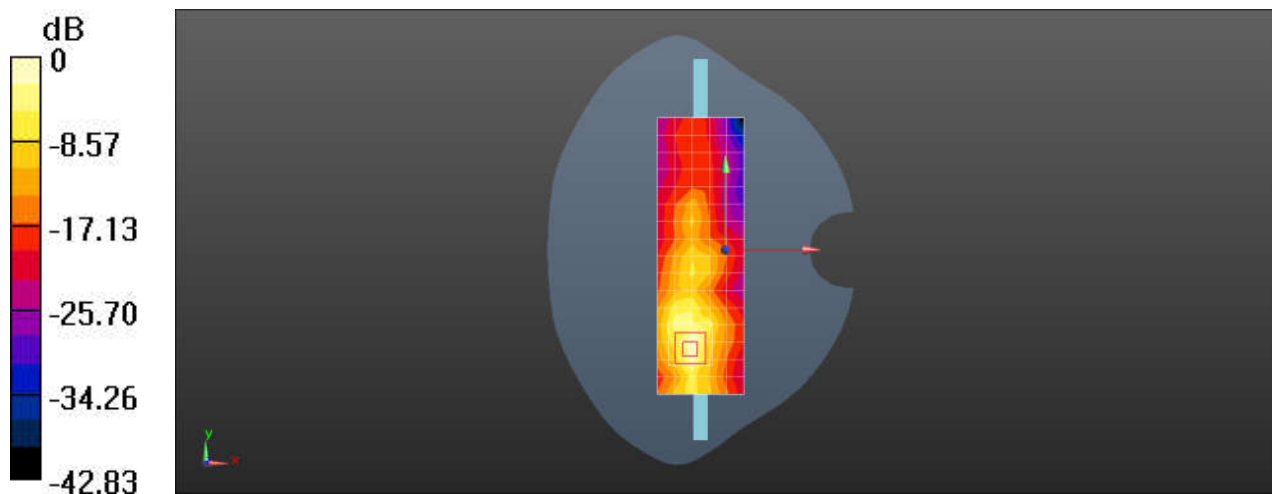
Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 0.896 W/kg; SAR(10 g) = 0.318 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 42.3%

Maximum value of SAR (measured) = 1.80 W/kg



Test Laboratory: SGS-SAR Lab

T670A LTE Band 12 QPSK 10M 1RB0 23095CH Bottom side 0mm

DUT: T670A; Type: Smart POS; Serial: 863864070010298

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.849$ S/m; $\epsilon_r = 43.716$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.59, 10.59, 10.59); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (5x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.734 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=2.8$ mm, $dy=2.8$ mm, $dz=1.4$ mm

Reference Value = 13.01 V/m; Power Drift = 0.01 dB

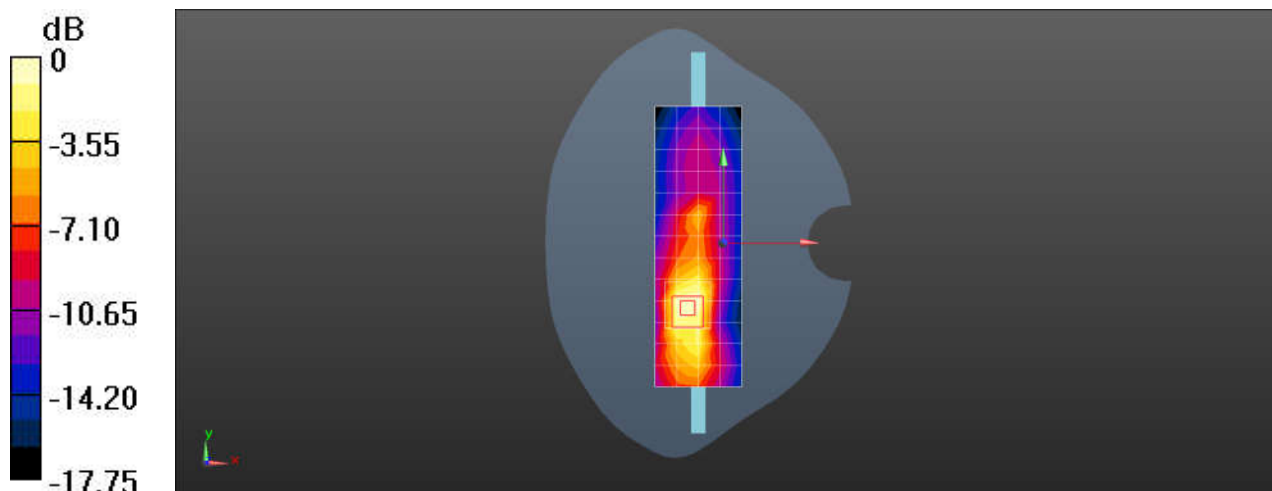
Peak SAR (extrapolated) = 3.84 W/kg

SAR(1 g) = 0.879 W/kg; SAR(10 g) = 0.331 W/kg

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 36.3%

Maximum value of SAR (measured) = 2.51 W/kg



0 dB = 0.734 W/kg = -1.34 dBW/kg

Test Laboratory: SGS-SAR Lab

T670A LTE Band 13 QPSK 10M 1RB0 23230CH Bottom side 0mm

DUT: T670A; Type: Smart POS; Serial: 863864070010298

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 782 MHz;Duty Cycle: 1:1

Medium: HSL750;Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.89 \text{ S/m}$; $\epsilon_r = 43.351$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.59, 10.59, 10.59); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (5x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.683 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=2.8\text{mm}$,
 $dy=2.8\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 12.35 V/m ; Power Drift = 0.04 dB

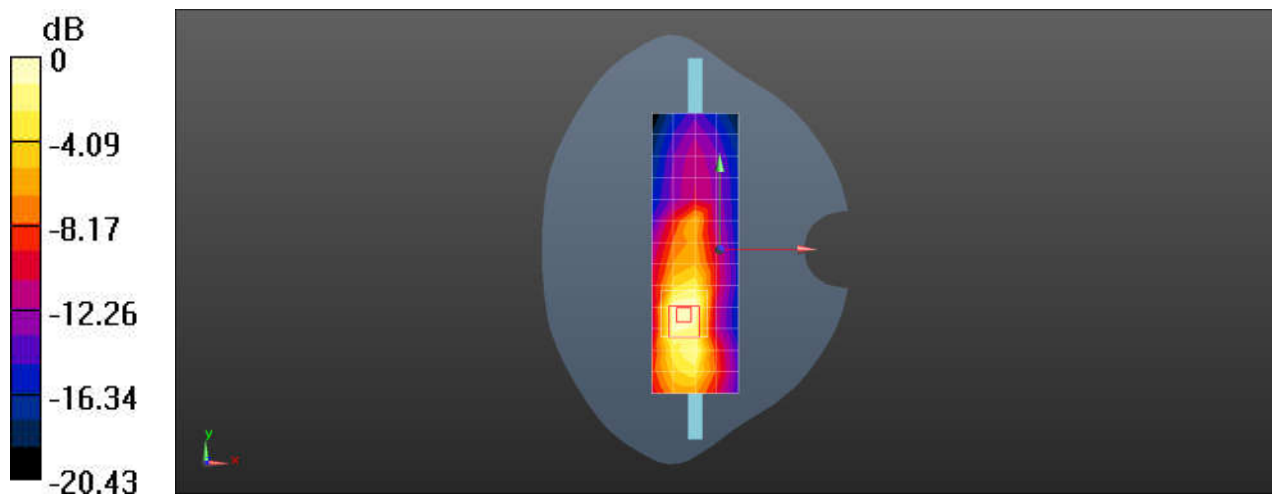
Peak SAR (extrapolated) = 3.57 W/kg

SAR(1 g) = 0.866 W/kg ; SAR(10 g) = 0.341 W/kg

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 36.4%

Maximum value of SAR (measured) = 2.41 W/kg



$0 \text{ dB} = 0.683 \text{ W/kg} = -1.65 \text{ dBW/kg}$

Test Laboratory: SGS-SAR Lab

T670A LTE Band 14 QPSK 10M 1RB0 23330CH Bottom side 0mm

DUT: T670A; Type: Smart POS; Serial: 863864070010298

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 793 MHz;Duty Cycle: 1:1

Medium: HSL750;Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.896 \text{ S/m}$; $\epsilon_r = 43.186$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.59, 10.59, 10.59); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (5x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.710 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=2.8\text{mm}$,
 $dy=2.8\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 12.32 V/m ; Power Drift = -0.11 dB

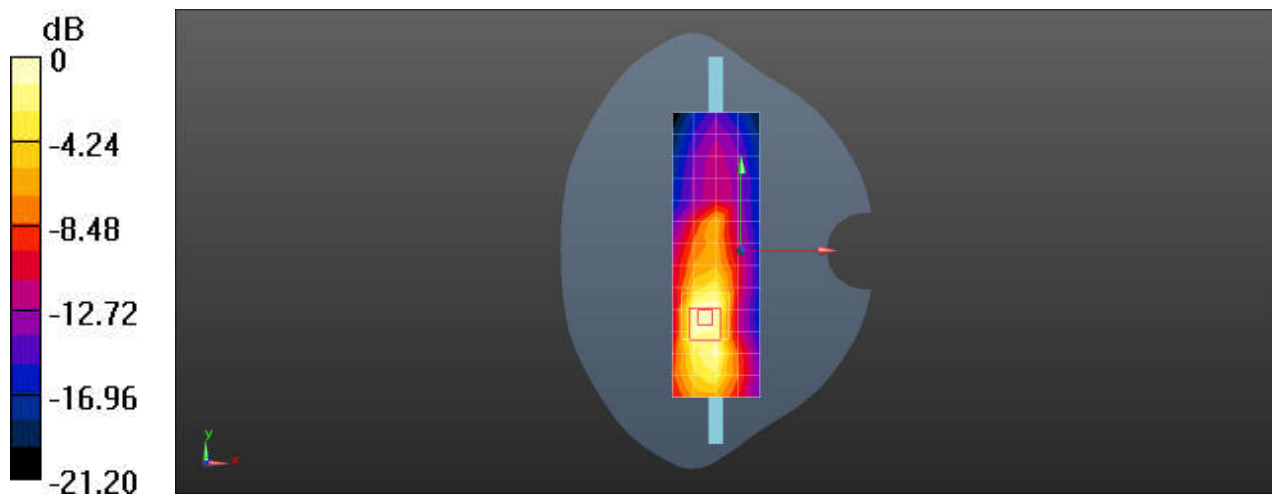
Peak SAR (extrapolated) = 3.75 W/kg

SAR(1 g) = 0.908 W/kg ; SAR(10 g) = 0.356 W/kg

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 35.4%

Maximum value of SAR (measured) = 2.54 W/kg



0 dB = 0.710 W/kg = -1.49 dBW/kg

Test Laboratory: SGS-SAR Lab

T670A LTE Band 25 QPSK 20M 1RB0 26590CH Bottom side 0mm

DUT: T670A; Type: Smart POS; Serial: 863864070010298

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: HSL1950; Medium parameters used: $f = 1905$ MHz; $\sigma = 1.399$ S/m; $\epsilon_r = 40.466$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(8.45, 8.45, 8.45); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.849 W/kg

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

Reference Value = 6.694 V/m; Power Drift = -0.03 dB

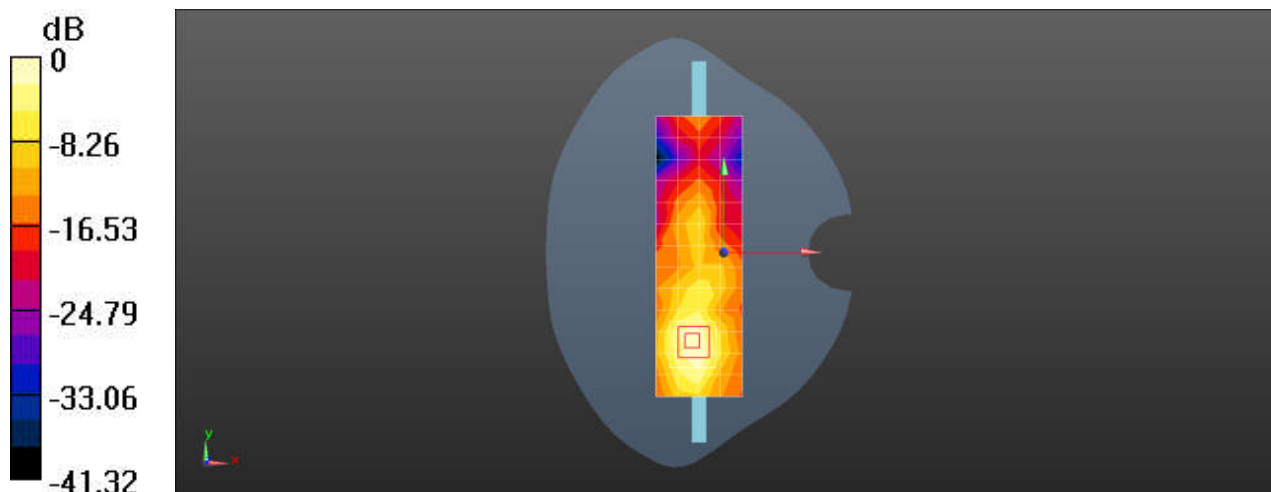
Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 0.937 W/kg; SAR(10 g) = 0.454 W/kg

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 43.7%

Maximum value of SAR (measured) = 1.62 W/kg



0 dB = 0.849 W/kg = -0.71 dBW/kg

Test Laboratory: SGS-SAR Lab

T670A LTE Band 26 QPSK 15M 1RB0 26865CH Bottom side 0mm

DUT: T670A; Type: Smart POS; Serial: 863864070010298

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 831.5 MHz;Duty Cycle: 1:1

Medium: HSL835;Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 41.595$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.19, 10.19, 10.19); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.700 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=2.8mm, dy=2.8mm, dz=1.4mm

Reference Value = 12.75 V/m; Power Drift = 0.18 dB

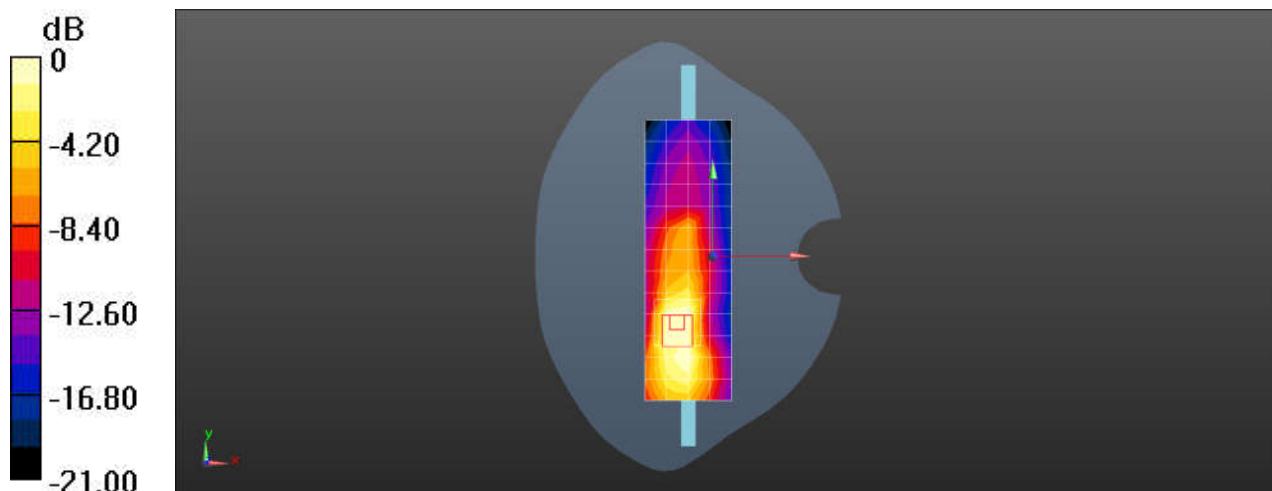
Peak SAR (extrapolated) = 3.82 W/kg

SAR(1 g) = 0.971 W/kg; SAR(10 g) = 0.391 W/kg

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 35.5%

Maximum value of SAR (measured) = 2.62 W/kg



0 dB = 0.700 W/kg = -1.55 dBW/kg

Test Laboratory: SGS-SAR Lab

T670A LTE Band 30 QPSK 10M 1RB0 27710CH Bottom side 0mm

DUT: T670A; Type: Smart POS; Serial: 863864070010298

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 2310 MHz;Duty Cycle: 1:1

Medium: HSL2300;Medium parameters used: $f = 2310$ MHz; $\sigma = 1.658$ S/m; $\epsilon_r = 39.609$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(8.24, 8.24, 8.24); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.24 W/kg

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

Reference Value = 8.832 V/m; Power Drift = -0.04 dB

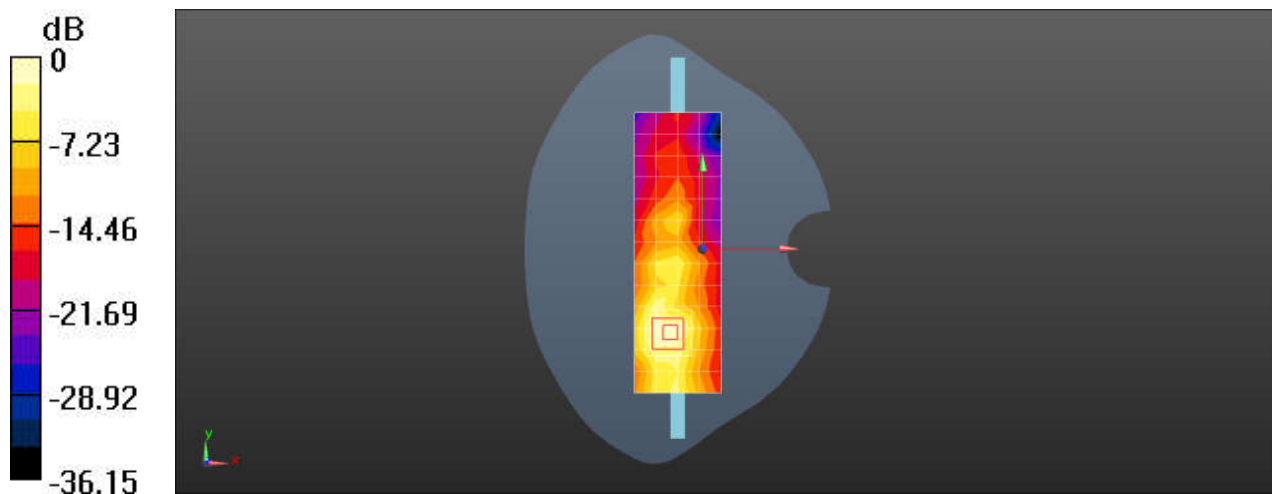
Peak SAR (extrapolated) = 2.16 W/kg

SAR(1 g) = 0.912 W/kg; SAR(10 g) = 0.428 W/kg

Smallest distance from peaks to all points 3 dB below = 11.3 mm

Ratio of SAR at M2 to SAR at M1 = 40.2%

Maximum value of SAR (measured) = 1.62 W/kg



0 dB = 1.24 W/kg = 0.92 dBW/kg

Test Laboratory: SGS-SAR Lab

T670A LTE Band 40 QPSK 20M 1RB0 39150CH Bottom side 0mm

DUT: T670A; Type: Smart POS; Serial: 863864070010298

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2350 MHz; Duty Cycle: 1:1.58

Medium: HSL2300; Medium parameters used: $f = 2350$ MHz; $\sigma = 1.714$ S/m; $\epsilon_r = 40.299$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(8.24, 8.24, 8.24); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (6x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 1.94 W/kg

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

Reference Value = 7.853 V/m; Power Drift = 0.14 dB

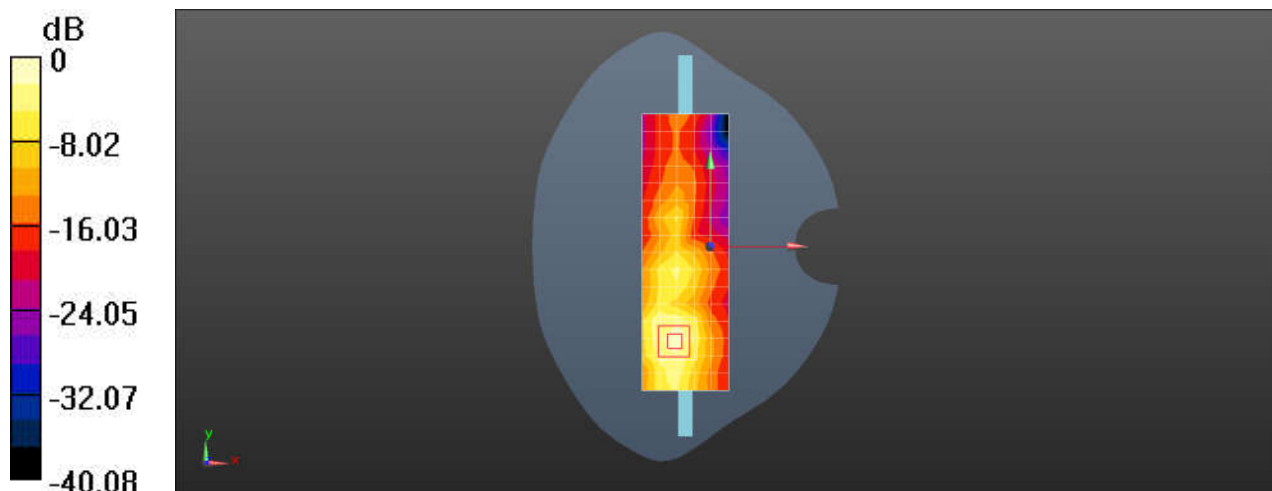
Peak SAR (extrapolated) = 2.72 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.488 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 39.4%

Maximum value of SAR (measured) = 2.06 W/kg



0 dB = 1.94 W/kg = 2.88 dBW/kg

Test Laboratory: SGS-SAR Lab

T670A LTE Band 41 QPSK 20M 1RB0 41490CH Bottom side 0mm

DUT: T670A; Type: Smart POS; Serial: 863864070010298

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2680 MHz;Duty Cycle: 1:1.58

Medium: HSL2600;Medium parameters used: $f = 2680$ MHz; $\sigma = 2.118$ S/m; $\epsilon_r = 38.645$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.79, 7.79, 7.79); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (6x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 1.59 W/kg

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

Reference Value = 3.826 V/m; Power Drift = -0.04 dB

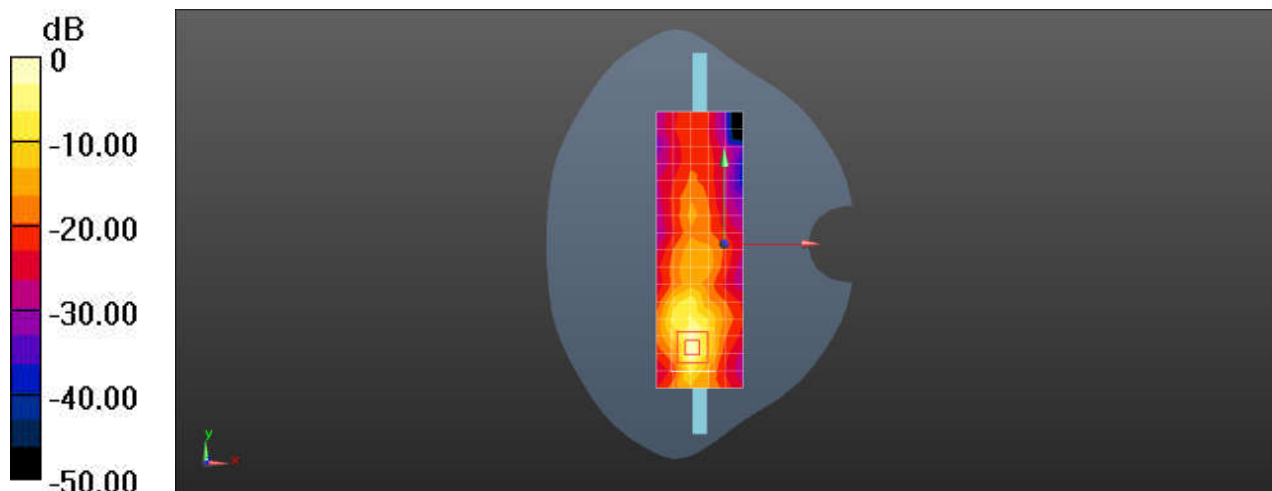
Peak SAR (extrapolated) = 2.63 W/kg

SAR(1 g) = 0.879 W/kg; SAR(10 g) = 0.271 W/kg

Smallest distance from peaks to all points 3 dB below = 5 mm

Ratio of SAR at M2 to SAR at M1 = 37.1%

Maximum value of SAR (measured) = 1.88 W/kg



0 dB = 1.59 W/kg = 2.01 dBW/kg

Test Laboratory: SGS-SAR Lab

T670A LTE Band 66 QPSK 20M 1RB0 132572CH Bottom side 0mm

DUT: T670A; Type: Smart POS; Serial: 863864070010298

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1770$ MHz; $\sigma = 1.345$ S/m; $\epsilon_r = 38.347$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(8.8, 8.8, 8.8); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.796 W/kg

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

Reference Value = 11.15 V/m; Power Drift = -0.04 dB

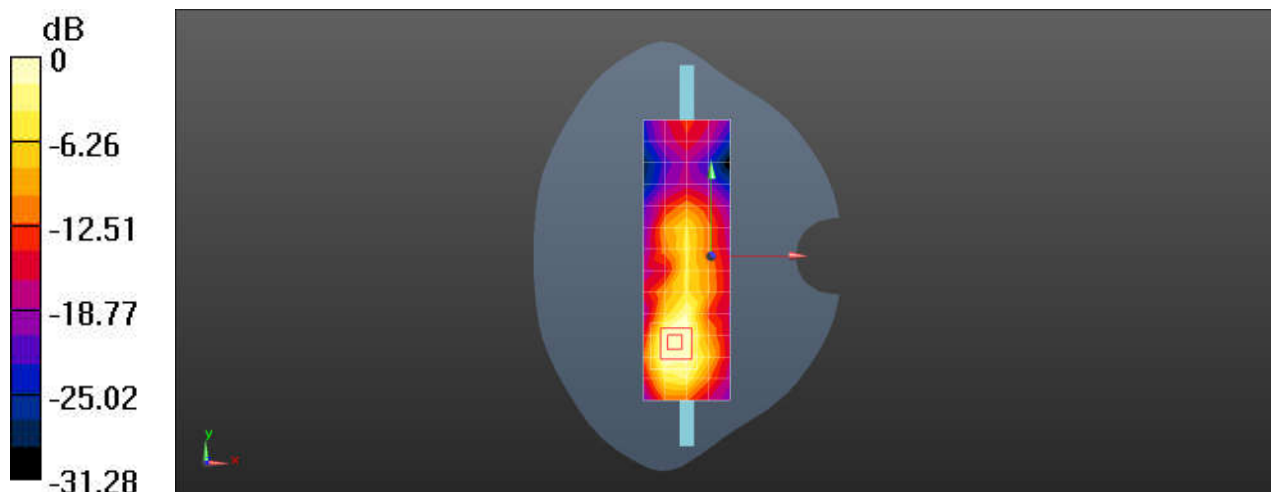
Peak SAR (extrapolated) = 2.37 W/kg

SAR(1 g) = 0.982 W/kg; SAR(10 g) = 0.434 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 40.4%

Maximum value of SAR (measured) = 1.88 W/kg



0 dB = 0.796 W/kg = -0.99 dBW/kg

Test Laboratory: SGS-SAR Lab

T670A LTE Band 71 QPSK 20M 1RB0 133322CH Bottom side 0mm

DUT: T670A; Type: Smart POS; Serial: 863864070010298

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 683 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 683 \text{ MHz}$; $\sigma = 0.847 \text{ S/m}$; $\epsilon_r = 43.856$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.59, 10.59, 10.59); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (5x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.632 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=2.8\text{mm}$, $dy=2.8\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 12.11 V/m ; Power Drift = 0.01 dB

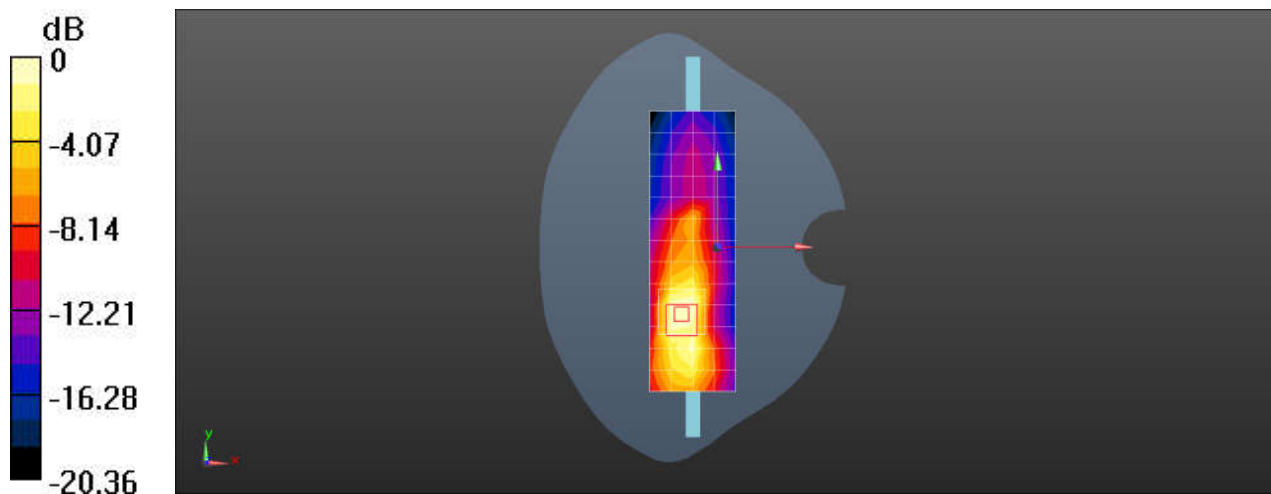
Peak SAR (extrapolated) = 3.17 W/kg

SAR(1 g) = 0.761 W/kg ; SAR(10 g) = 0.304 W/kg

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 36%

Maximum value of SAR (measured) = 2.14 W/kg



Test Laboratory: SGS-SAR Lab

T670A WIFI2.4G 802.11b 1CH Top side 0mm

DUT: T670A; Type: Smart POS; Serial: 863864070010298

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz;Duty Cycle: 1:1.013

Medium: HSL2450;Medium parameters used: $f = 2412$ MHz; $\sigma = 1.769$ S/m; $\epsilon_r = 38.888$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.98, 7.98, 7.98); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (7x17x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.35 W/kg

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

Reference Value = 11.57 V/m; Power Drift = 0.02 dB

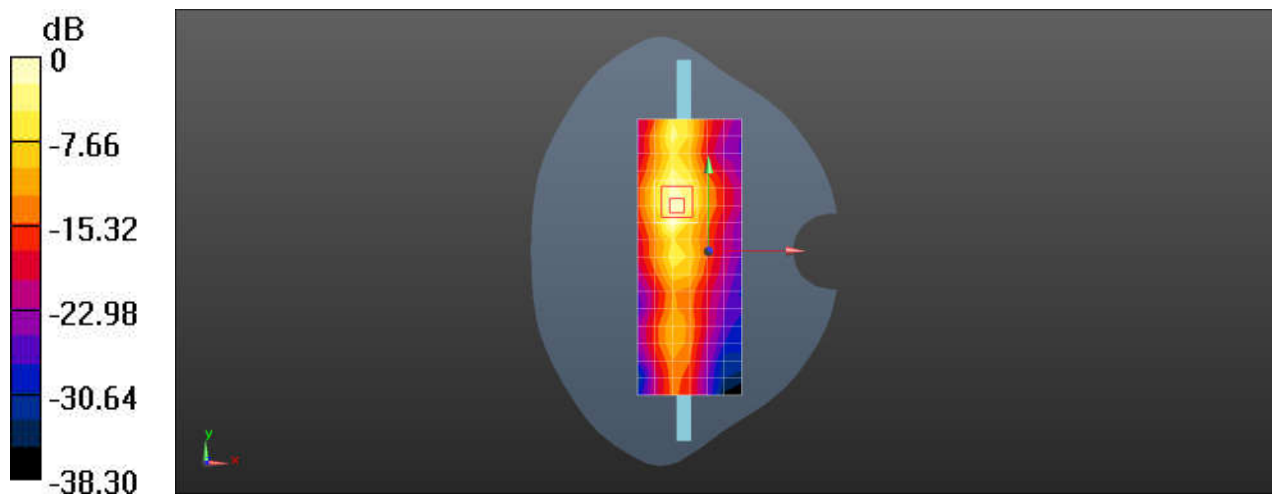
Peak SAR (extrapolated) = 2.34 W/kg

SAR(1 g) = 0.859 W/kg; SAR(10 g) = 0.365 W/kg

Smallest distance from peaks to all points 3 dB below = 5 mm

Ratio of SAR at M2 to SAR at M1 = 40.3%

Maximum value of SAR (measured) = 1.67 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg

Test Laboratory: SGS-SAR Lab

T670A WIFI5G 802.11ac VHT80 58CH Top side 0mm

DUT: T670A; Type: Smart POS; Serial: 863864070010298

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5290 MHz; Duty Cycle: 1:1.077

Medium: HSL5G; Medium parameters used: $f = 5290 \text{ MHz}$; $\sigma = 4.888 \text{ S/m}$; $\epsilon_r = 36.754$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(5.6, 5.6, 5.6); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 1.79 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 4.930 V/m ; Power Drift = 0.03 dB

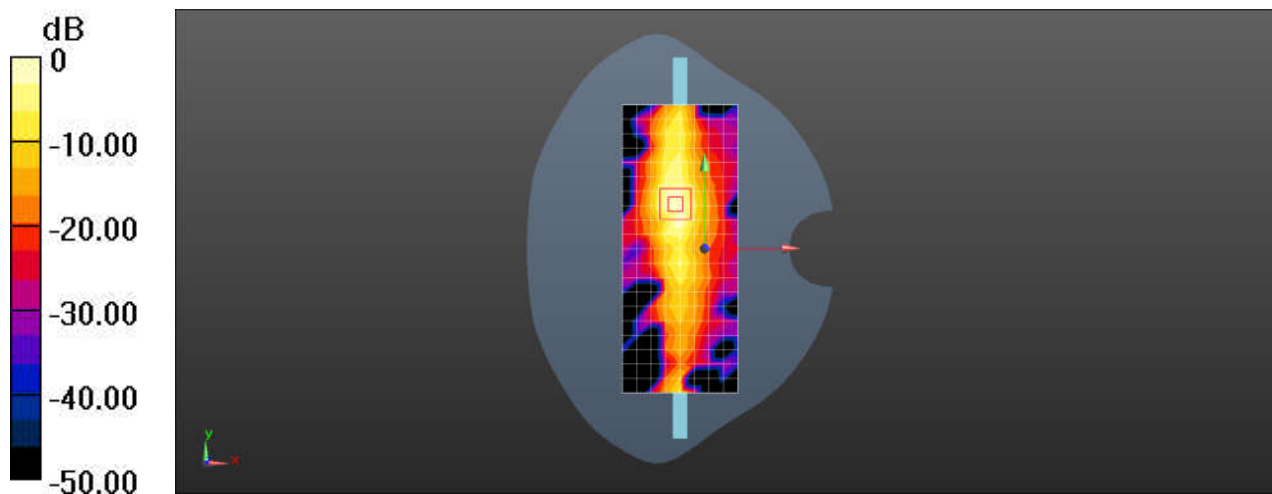
Peak SAR (extrapolated) = 3.75 W/kg

SAR(1 g) = 0.903 W/kg ; SAR(10 g) = 0.263 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 64.1%

Maximum value of SAR (measured) = 2.24 W/kg



$0 \text{ dB} = 1.79 \text{ W/kg} = 2.52 \text{ dBW/kg}$

Test Laboratory: SGS-SAR Lab

T670A WIFI5G 802.11ac VHT80 106CH Top side 0mm

DUT: T670A; Type: Smart POS; Serial: 863864070010298

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5530 MHz; Duty Cycle: 1:1.077

Medium: HSL5G; Medium parameters used: $f = 5530 \text{ MHz}$; $\sigma = 5.18 \text{ S/m}$; $\epsilon_r = 36.121$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(5, 5, 5); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (7x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 2.16 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 3.877 V/m ; Power Drift = 0.06 dB

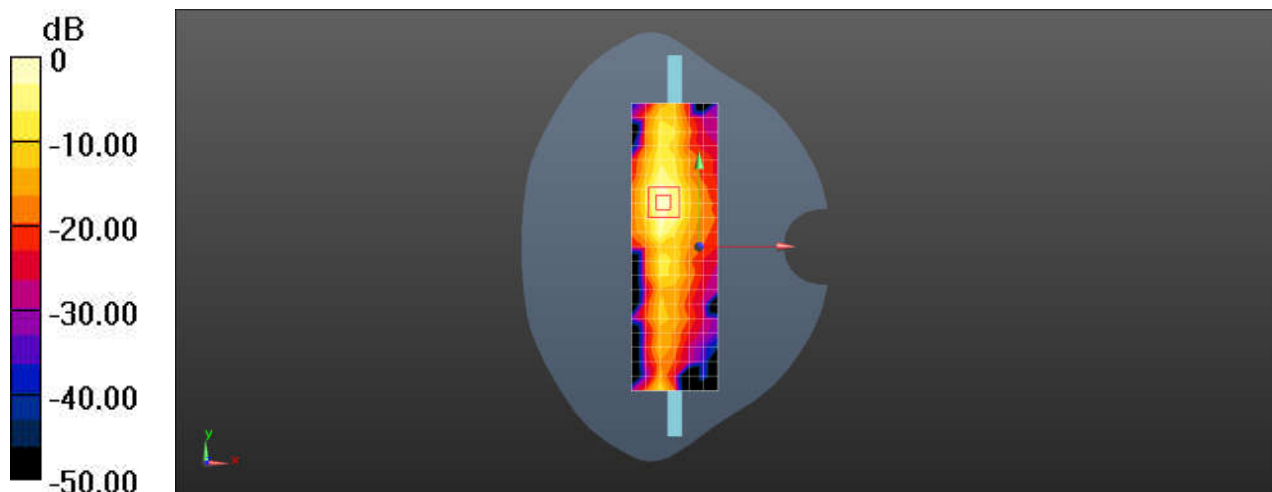
Peak SAR (extrapolated) = 3.95 W/kg

SAR(1 g) = 0.924 W/kg ; SAR(10 g) = 0.280 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 62.8%

Maximum value of SAR (measured) = 2.37 W/kg



Test Laboratory: SGS-SAR Lab

T670A WIFI5G 802.11ac VHT80 155CH Top side 0mm

DUT: T670A; Type: Smart POS; Serial: 863864070010298

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5775 MHz; Duty Cycle: 1:1.079

Medium: HSL5G; Medium parameters used: $f = 5775$ MHz; $\sigma = 5.481$ S/m; $\epsilon_r = 35.486$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(5.06, 5.06, 5.06); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (7x21x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.29 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.882 V/m; Power Drift = 0.02 dB

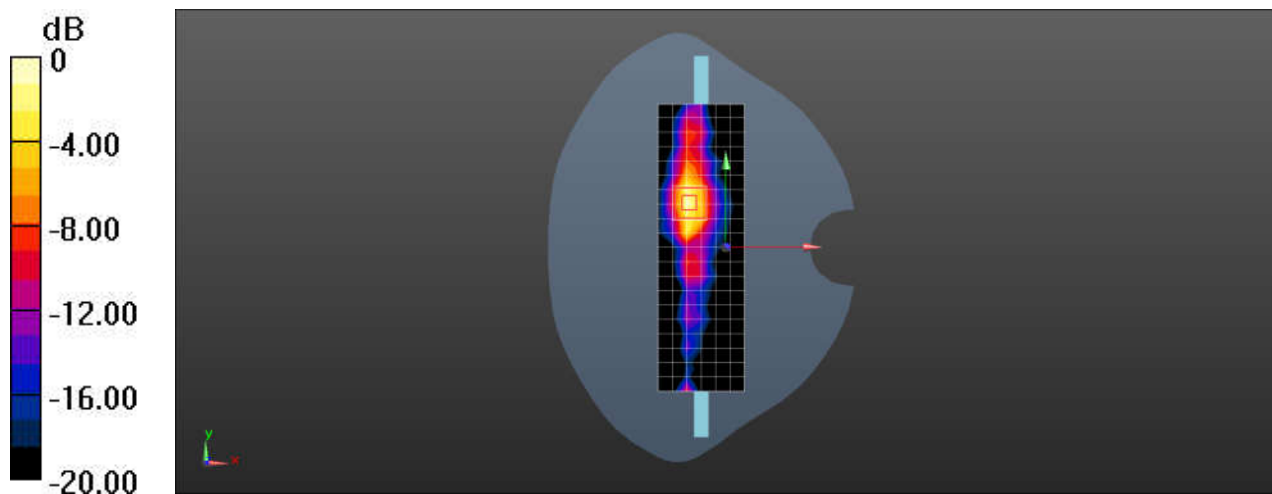
Peak SAR (extrapolated) = 4.19 W/kg

SAR(1 g) = 0.976 W/kg; SAR(10 g) = 0.283 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 62.8%

Maximum value of SAR (measured) = 2.52 W/kg



Test Laboratory: SGS-SAR Lab

T670A Bluetooth 3DH5 39CH Top side 0mm

DUT: T670A; Type: Smart POS; Serial: 863864070010298

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.298

Medium: HSL2450; Medium parameters used: $f = 2441$ MHz; $\sigma = 1.802$ S/m; $\epsilon_r = 38.764$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.98, 7.98, 7.98); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (7x17x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.381 W/kg

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

Reference Value = 3.881 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.573 W/kg

SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.083 W/kg

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 37%

Maximum value of SAR (measured) = 0.417 W/kg

