



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

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Test Laboratory: SGS-SAR Lab

TF41B GSM850 GPRS 2TS 190CH Back side 0mm

DUT: TF41B; Type: Wireless Data Terminal; Serial: 861655070000087

Communication System: UID 0, GPRS/EGPRS Mode(2up) Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.15

Medium: HSL835; Medium parameters used: $f = 837$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 41.784$; $\rho = 1000$ 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: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (7x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 1.51 W/kg

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

Reference Value = 19.18 V/m; Power Drift = 0.06 dB

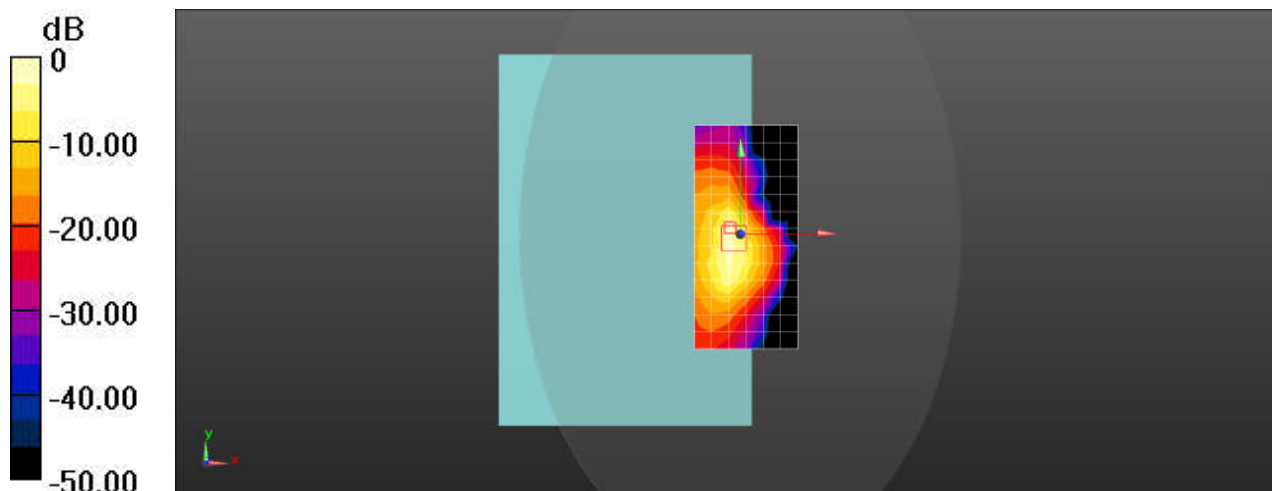
Peak SAR (extrapolated) = 3.01 W/kg

SAR(1 g) = 0.660 W/kg; SAR(10 g) = 0.284 W/kg

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 38.8%

Maximum value of SAR (measured) = 1.81 W/kg



0 dB = 1.51 W/kg = 1.79 dBW/kg

Test Laboratory: SGS-SAR Lab

TF41B GSM1900 GPRS 4TS 661CH Top side 0mm

DUT: TF41B; Type: Wireless Data Terminal; Serial: 861655070000087

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:2.08

Medium: HSL1950; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 40.239$; $\rho = 1000$ 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: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (7x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.786 W/kg

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

Reference Value = 21.65 V/m; Power Drift = -0.04 dB

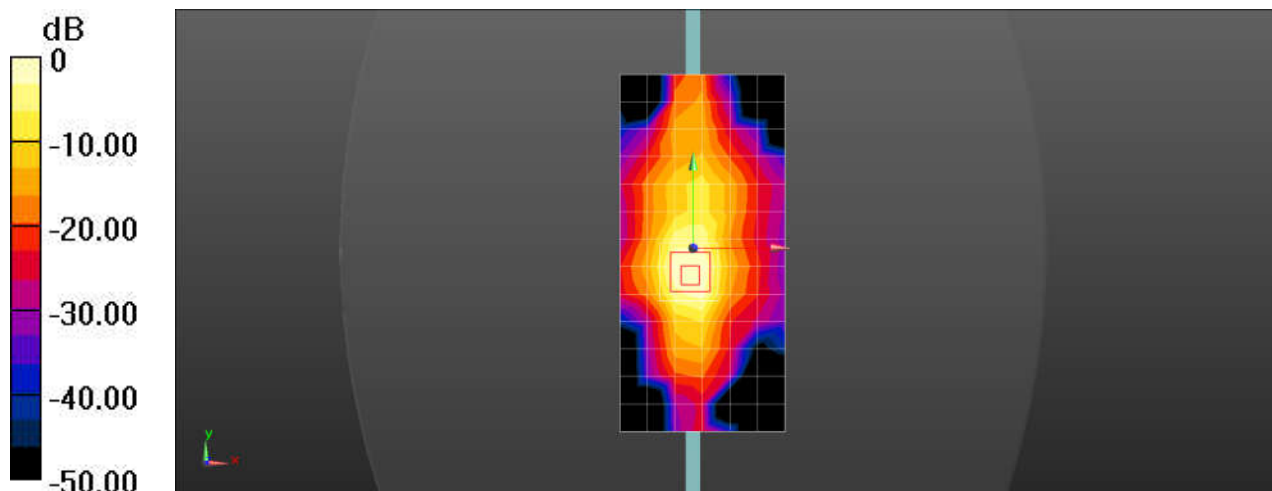
Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 0.898 W/kg; SAR(10 g) = 0.404 W/kg

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 40.7%

Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 0.786 W/kg = -1.05 dBW/kg

Test Laboratory: SGS-SAR Lab

TF41B WCDMA Band II RMC 9400CH Top side 0mm

DUT: TF41B; Type: Wireless Data Terminal; Serial: 861655070000087

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

Medium: HSL1950; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 40.239$; $\rho = 1000$ 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: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.393 W/kg

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

Reference Value = 13.25 V/m; Power Drift = -0.03 dB

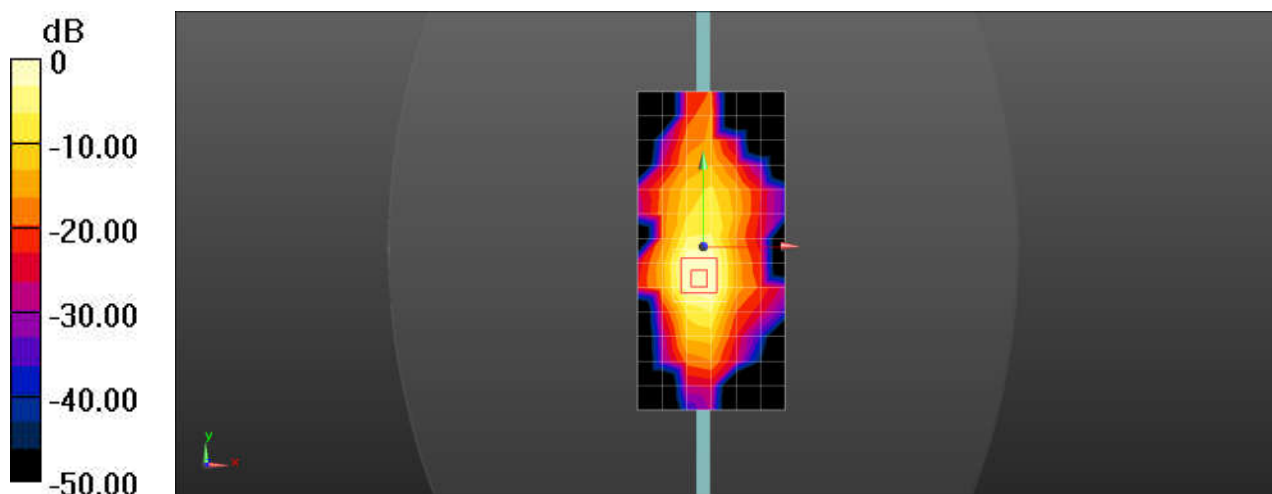
Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.549 W/kg; SAR(10 g) = 0.248 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 41.7%

Maximum value of SAR (measured) = 0.960 W/kg



0 dB = 0.393 W/kg = -4.06 dBW/kg

Test Laboratory: SGS-SAR Lab

TF41B WCDMA Band IV RMC 1412CH Top side 0mm

DUT: TF41B; Type: Wireless Data Terminal; Serial: 861655070000087

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

Medium: HSL1750; Medium parameters used: $f = 1732.4$ MHz; $\sigma = 1.356$ S/m; $\epsilon_r = 40.399$; $\rho = 1000$ 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: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.662 W/kg

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

Reference Value = 21.67 V/m; Power Drift = 0.05 dB

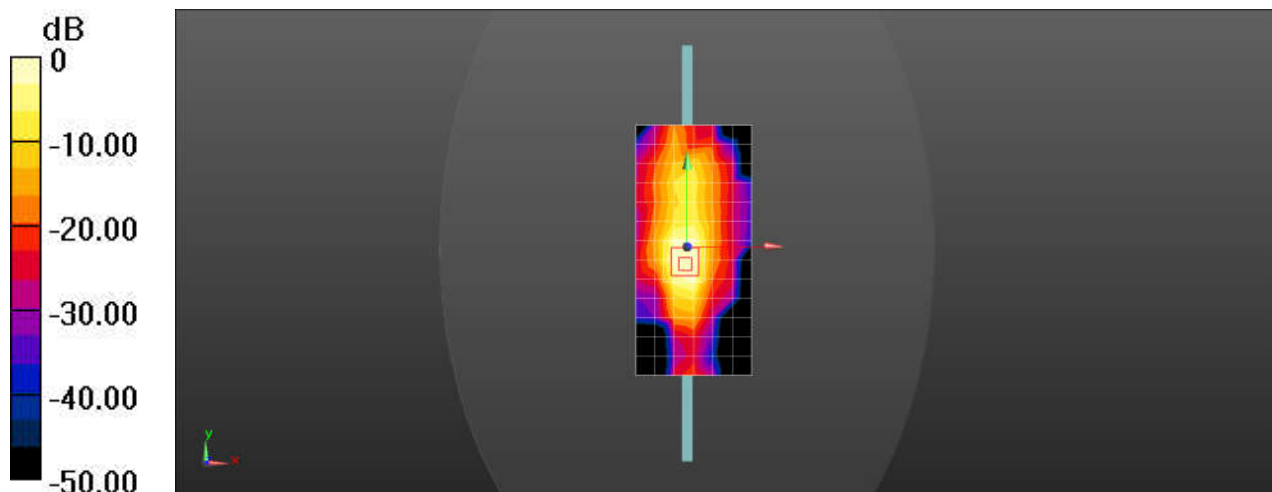
Peak SAR (extrapolated) = 2.00 W/kg

SAR(1 g) = 0.868 W/kg; SAR(10 g) = 0.385 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 45.2%

Maximum value of SAR (measured) = 1.57 W/kg



0 dB = 0.662 W/kg = -1.79 dBW/kg

Test Laboratory: SGS-SAR Lab

TF41B WCDMA Band V RMC 4182CH Back side 0mm

DUT: TF41B; Type: Wireless Data Terminal; Serial: 861655070000087

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

Medium: HSL835; Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.895$ S/m; $\epsilon_r = 41.926$; $\rho = 1000$ 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: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.664 W/kg

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

Reference Value = 25.84 V/m; Power Drift = -0.06 dB

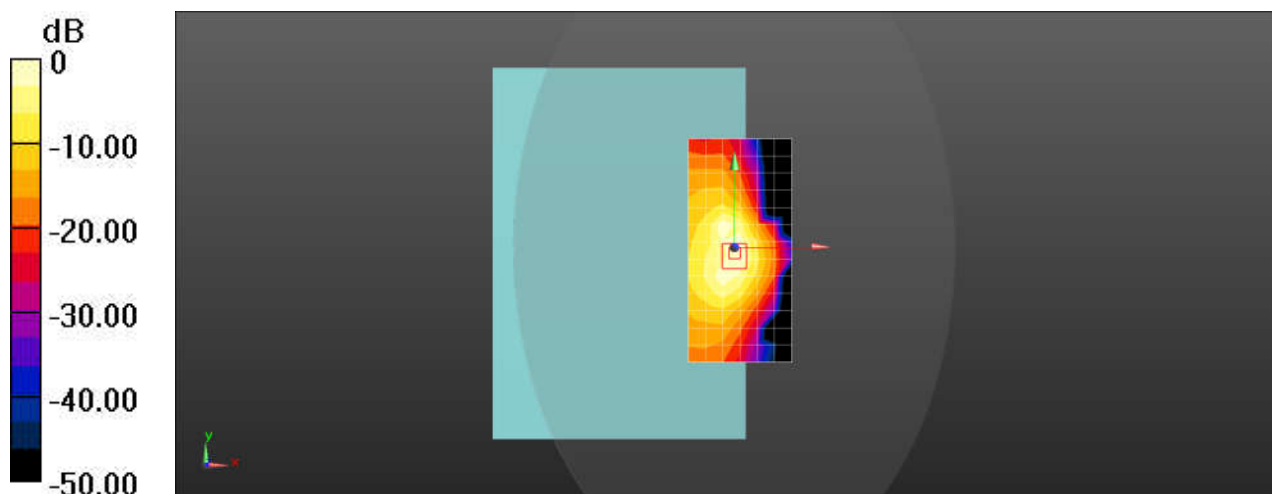
Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.543 W/kg; SAR(10 g) = 0.255 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 40.1%

Maximum value of SAR (measured) = 0.992 W/kg



0 dB = 0.664 W/kg = -1.78 dBW/kg

Test Laboratory: SGS-SAR Lab

TF41B LTE Band 7 QPSK 20M 1RB0 21100CH Back side 0mm

DUT: TF41B; Type: Wireless Data Terminal; Serial: 861655070000087

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

Medium: HSL2600;Medium parameters used: $f = 2535$ MHz; $\sigma = 1.879$ S/m; $\epsilon_r = 37.81$; $\rho = 1000$ 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: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.15 W/kg

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

Reference Value = 10.43 V/m; Power Drift = 0.06 dB

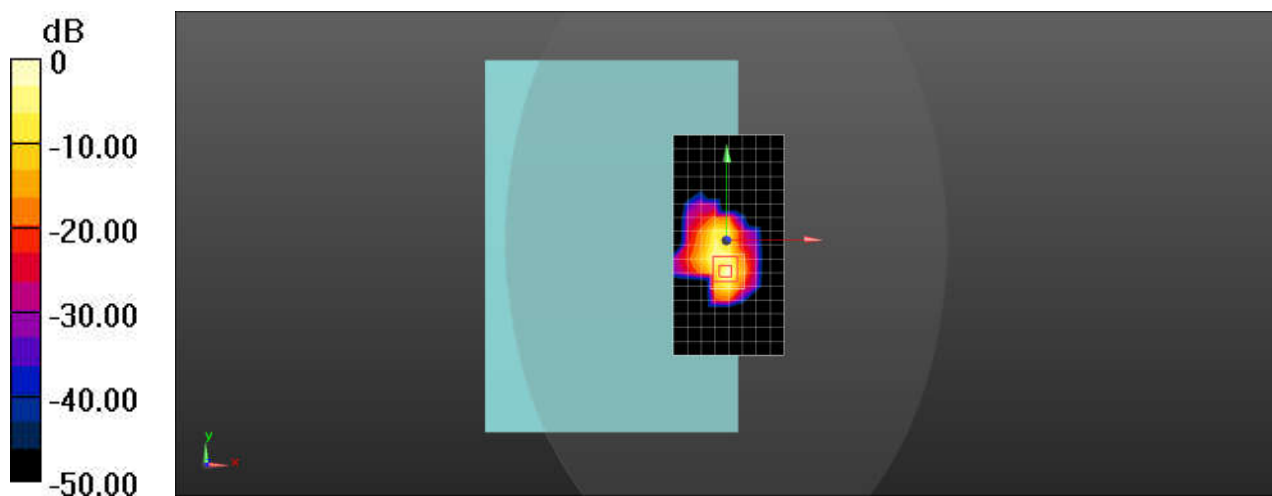
Peak SAR (extrapolated) = 2.18 W/kg

SAR(1 g) = 0.702 W/kg; SAR(10 g) = 0.234 W/kg

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

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

Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.15 W/kg = 0.63 dBW/kg

Test Laboratory: SGS-SAR Lab

TF41B LTE Band 12 QPSK 10M 1RB0 23095CH Back side 0mm

DUT: TF41B; Type: Wireless Data Terminal; Serial: 861655070000087

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; $\sigma = 0.885$ S/m; $\epsilon_r = 43.3$; $\rho = 1000$ 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: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (7x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.609 W/kg

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

Reference Value = 17.10 V/m; Power Drift = 0.03 dB

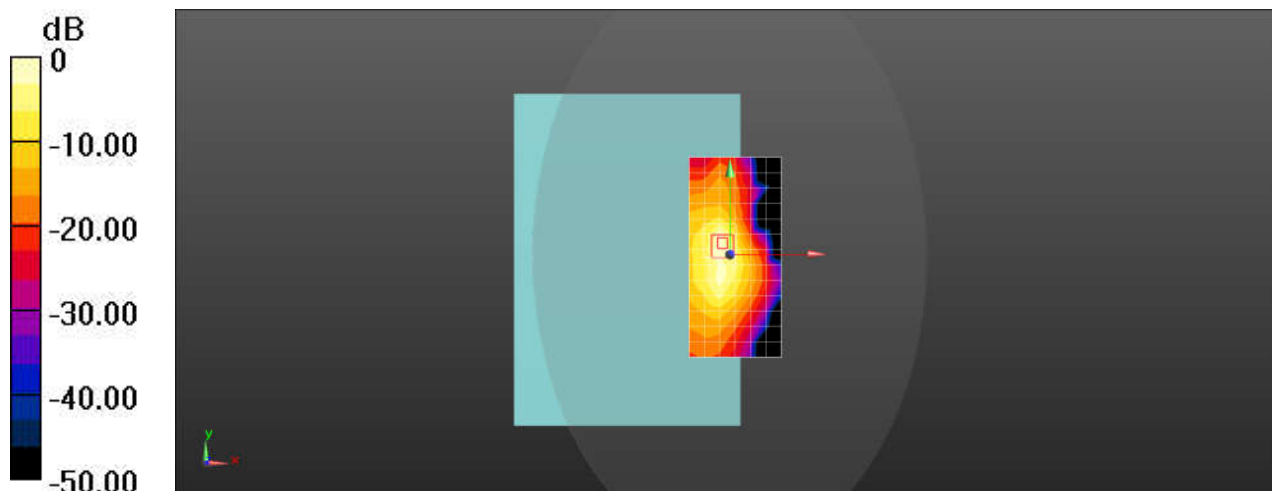
Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 0.474 W/kg; SAR(10 g) = 0.185 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 36.1%

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 0.609 W/kg = -2.15 dBW/kg

Test Laboratory: SGS-SAR Lab

TF41B LTE Band 13 QPSK 10M 1RB0 23230CH Back side 0mm

DUT: TF41B; Type: Wireless Data Terminal; Serial: 861655070000087

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

Medium: HSL750;Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.923 \text{ S/m}$; $\epsilon_r = 41.86$; $\rho = 1000 \text{ kg/m}^3$

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: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (7x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.645 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 = 18.94 V/m ; Power Drift = 0.02 dB

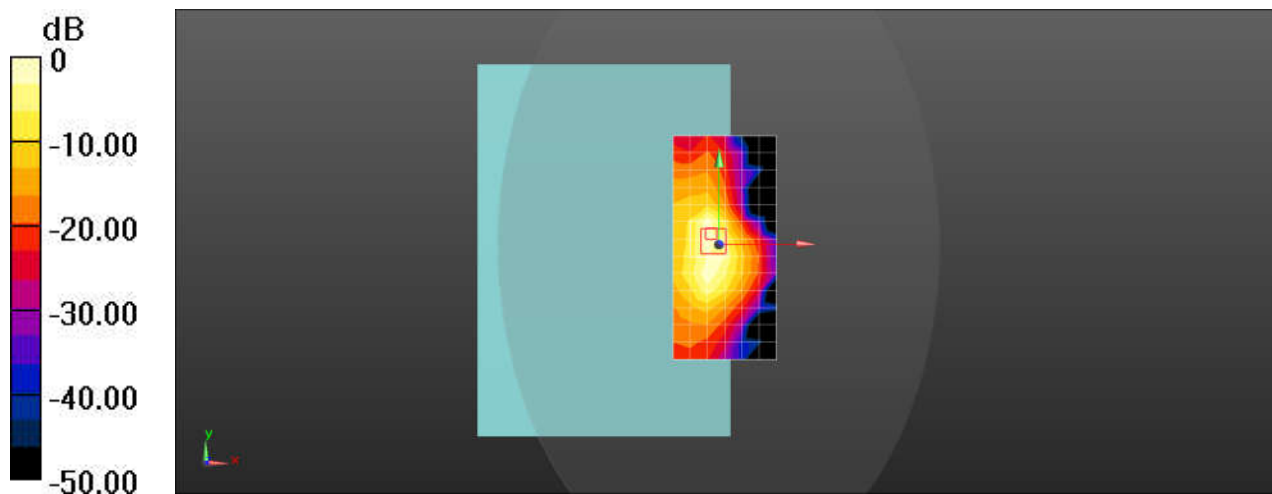
Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 0.471 W/kg ; SAR(10 g) = 0.194 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 35.1%

Maximum value of SAR (measured) = 1.23 W/kg



$0 \text{ dB} = 0.645 \text{ W/kg} = -1.90 \text{ dBW/kg}$

Test Laboratory: SGS-SAR Lab

TF41B LTE Band 25 QPSK 20M 1RB0 26365CH Top side 0mm

DUT: TF41B; Type: Wireless Data Terminal; Serial: 861655070000087

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL1950; Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.363$ S/m; $\epsilon_r = 40.225$; $\rho = 1000$ 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: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.361 W/kg

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

Reference Value = 12.55 V/m; Power Drift = 0.11 dB

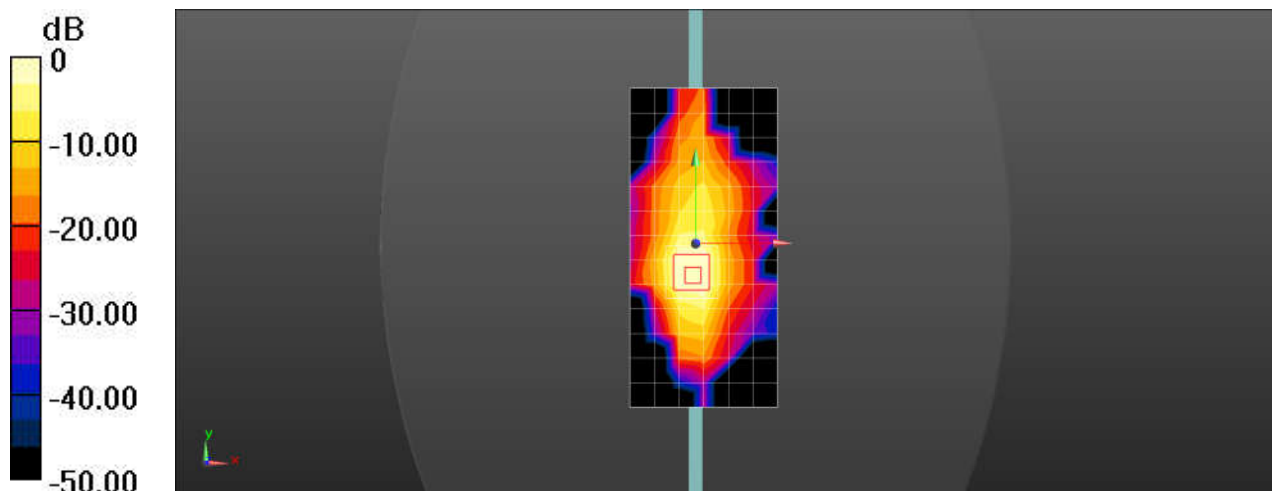
Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.506 W/kg; SAR(10 g) = 0.229 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 41.5%

Maximum value of SAR (measured) = 0.894 W/kg



Test Laboratory: SGS-SAR Lab

TF41B LTE Band 26 QPSK 15M 1RB0 26865CH Back side 0mm

DUT: TF41B; Type: Wireless Data Terminal; Serial: 861655070000087

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; $\sigma = 0.896$ S/m; $\epsilon_r = 41.923$; $\rho = 1000$ 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: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.813 W/kg

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

Reference Value = 21.81 V/m; Power Drift = 0.08 dB

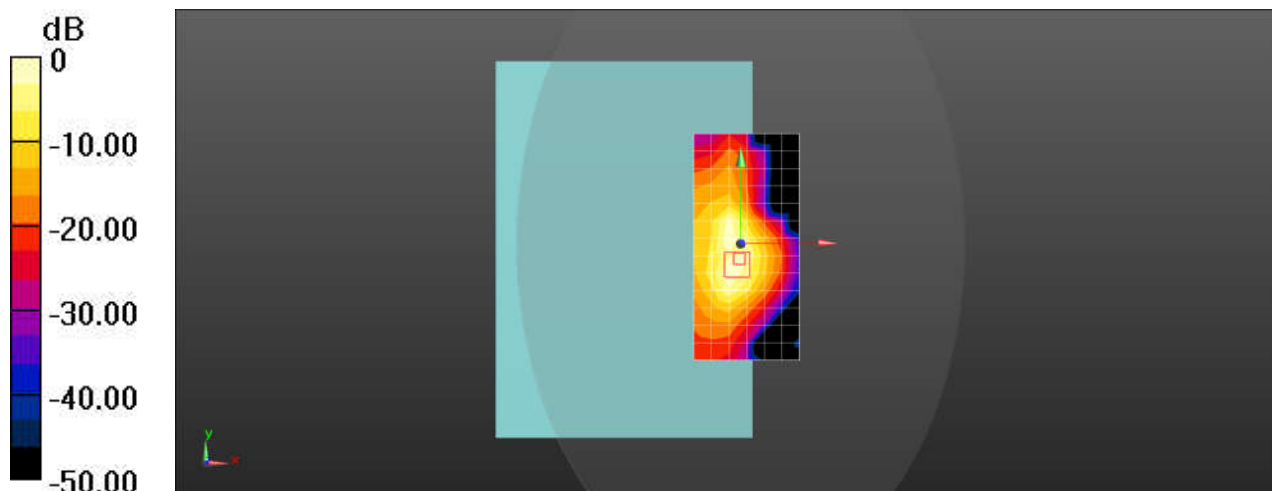
Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.470 W/kg; SAR(10 g) = 0.221 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 39.7%

Maximum value of SAR (measured) = 0.915 W/kg



0 dB = 0.813 W/kg = -0.90 dBW/kg

Test Laboratory: SGS-SAR Lab

TF41B LTE Band 30 QPSK 10M 1RB0 27710CH Back side 0mm

DUT: TF41B; Type: Wireless Data Terminal; Serial: 861655070000087

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

Medium: HSL2300;Medium parameters used: $f = 2310$ MHz; $\sigma = 1.646$ S/m; $\epsilon_r = 38.8$; $\rho = 1000$ 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: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.776 W/kg

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

Reference Value = 6.210 V/m; Power Drift = 0.05 dB

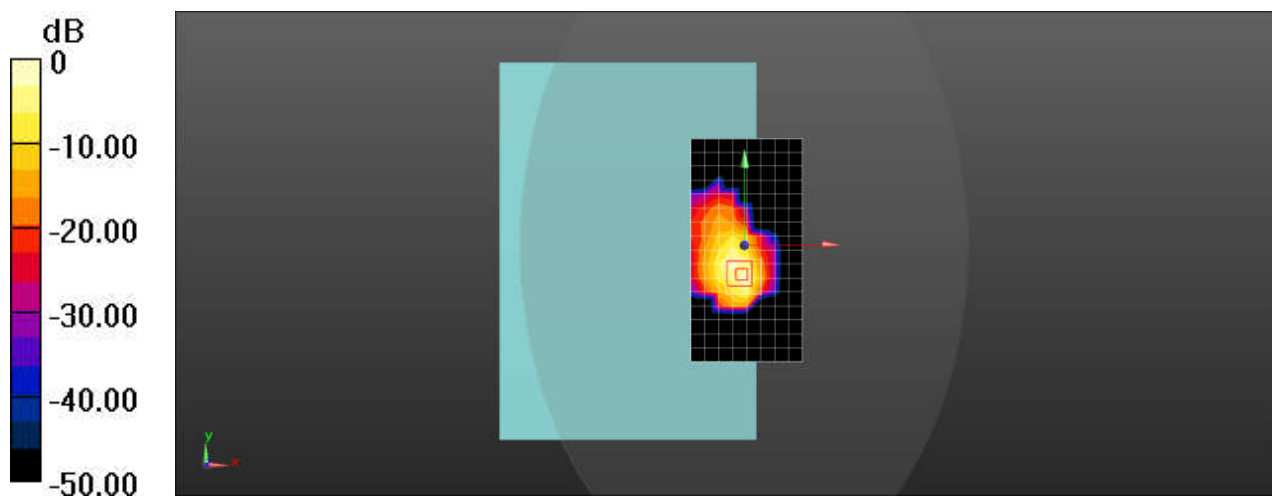
Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.502 W/kg; SAR(10 g) = 0.199 W/kg

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

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

Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 0.776 W/kg = -1.10 dBW/kg

Test Laboratory: SGS-SAR Lab

TF41B LTE Band 41 QPSK 20M 1RB0 40620CH Top side 0mm

DUT: TF41B; Type: Wireless Data Terminal; Serial: 861655070000087

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2593 MHz; Duty Cycle: 1:1.58

Medium: HSL2600; Medium parameters used: $f = 2593$ MHz; $\sigma = 1.949$ S/m; $\epsilon_r = 37.666$; $\rho = 1000$ 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: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.16 W/kg

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

Reference Value = 15.07 V/m; Power Drift = 0.06 dB

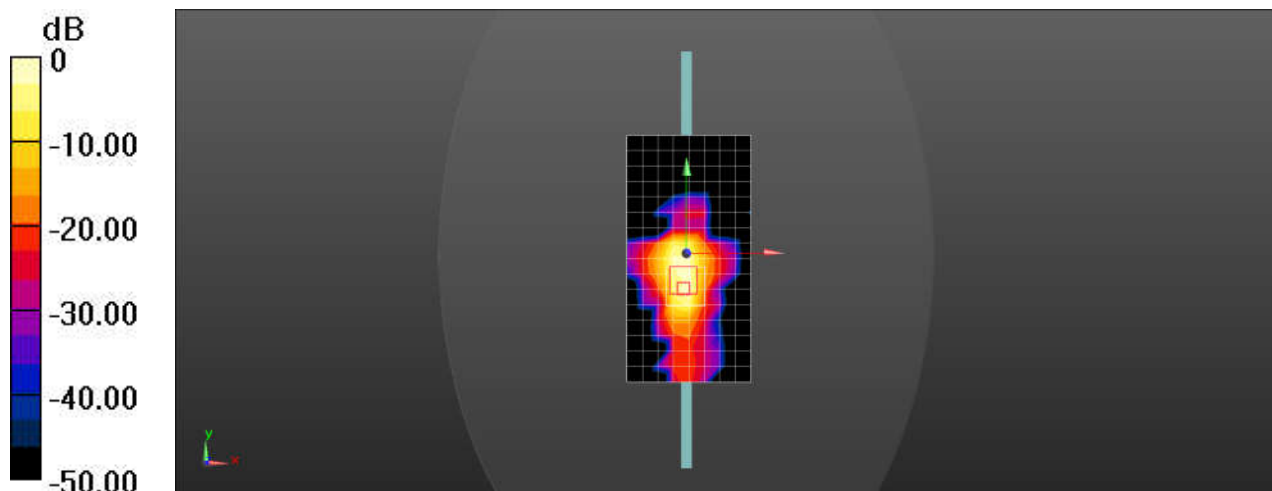
Peak SAR (extrapolated) = 2.96 W/kg

SAR(1 g) = 0.918 W/kg; SAR(10 g) = 0.322 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 35.6%

Maximum value of SAR (measured) = 1.96 W/kg



0 dB = 1.16 W/kg = 0.64 dBW/kg

Test Laboratory: SGS-SAR Lab

TF41B LTE Band 66 QPSK 20M 1RB0 132322CH Top side 0mm

DUT: TF41B; Type: Wireless Data Terminal; Serial: 861655070000087

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.371$ S/m; $\epsilon_r = 40.34$; $\rho = 1000$ 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: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.811 W/kg

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

Reference Value = 18.28 V/m; Power Drift = 0.15 dB

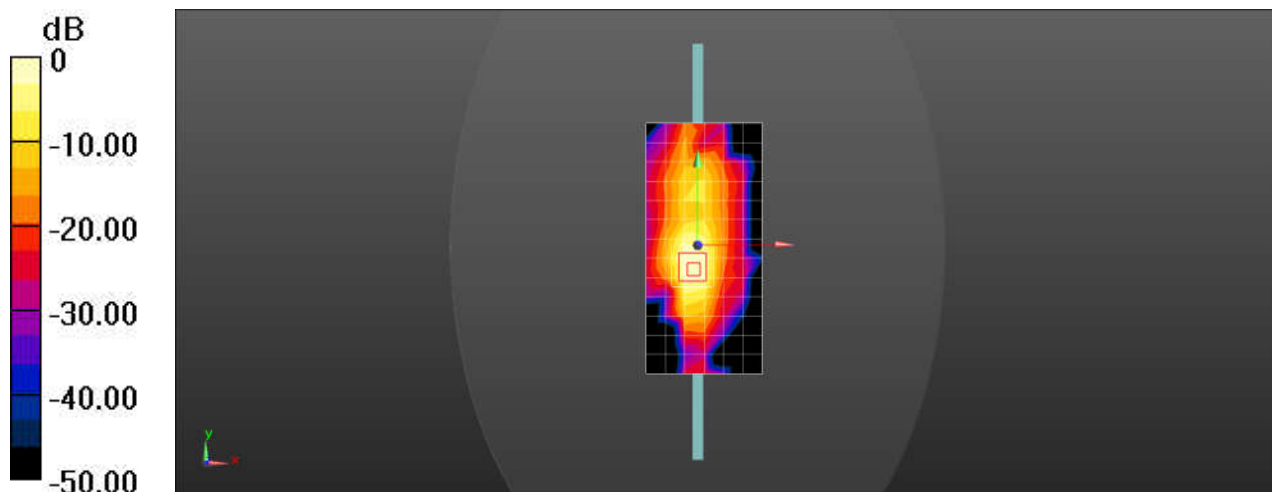
Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 0.927 W/kg; SAR(10 g) = 0.411 W/kg

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 42.7%

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



0 dB = 0.811 W/kg = -0.91 dBW/kg

Test Laboratory: SGS-SAR Lab

TF41B LTE Band 71 QPSK 20M 1RB0 133322CH Back side 0mm

DUT: TF41B; Type: Wireless Data Terminal; Serial: 861655070000087

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

Medium: HSL750; Medium parameters used: $f = 683$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 43.364$; $\rho = 1000$ 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: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.816 W/kg

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

Reference Value = 19.43 V/m; Power Drift = 0.04 dB

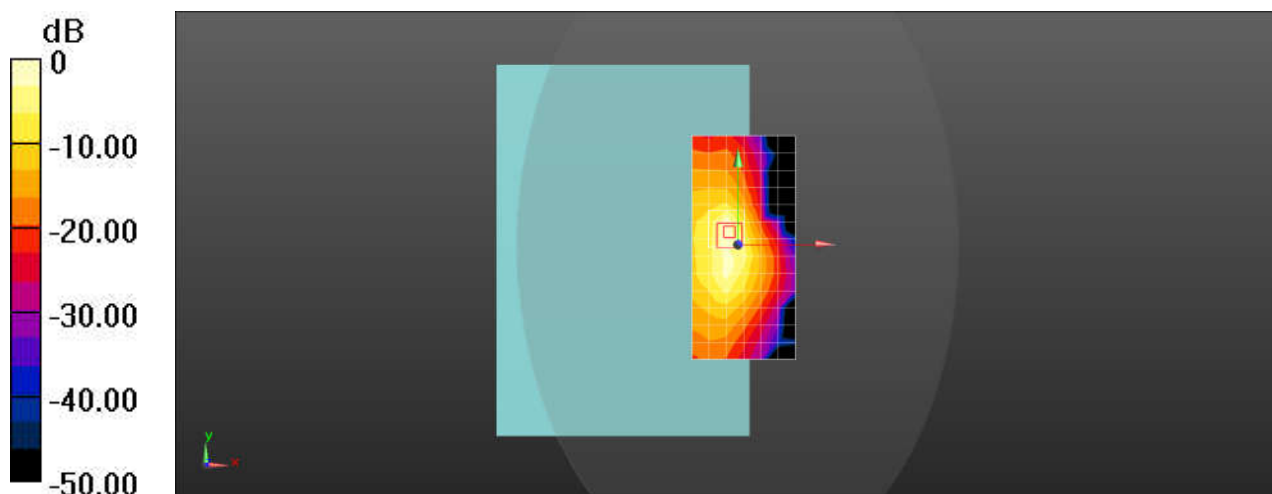
Peak SAR (extrapolated) = 2.72 W/kg

SAR(1 g) = 0.596 W/kg; SAR(10 g) = 0.231 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 36.1%

Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 0.816 W/kg = -0.88 dBW/kg

Test Laboratory: SGS-SAR Lab

TF41B WIFI2.4G 802.11b 6CH Top side 0mm

DUT: TF41B; Type: Wireless Data Terminal; Serial: 861655070000087

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1.016

Medium: HSL2450;Medium parameters used: $f = 2437$ MHz; $\sigma = 1.804$ S/m; $\epsilon_r = 38.341$; $\rho = 1000$ 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: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.56 W/kg

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

Reference Value = 3.338 V/m; Power Drift = 0.01 dB

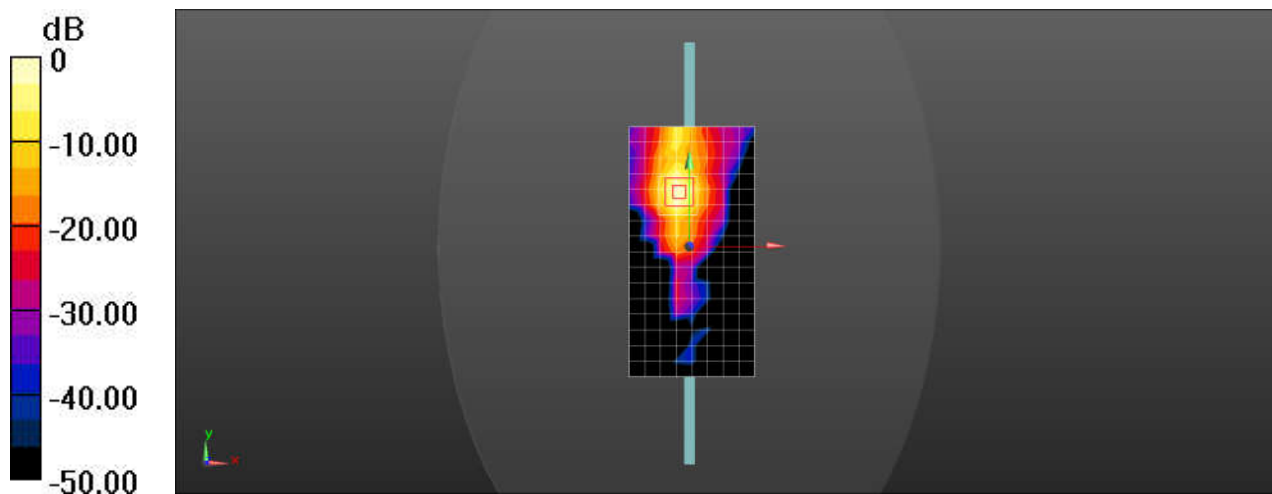
Peak SAR (extrapolated) = 2.50 W/kg

SAR(1 g) = 0.928 W/kg; SAR(10 g) = 0.343 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 45.3%

Maximum value of SAR (measured) = 1.85 W/kg



0 dB = 1.56 W/kg = 1.93 dBW/kg

Test Laboratory: SGS-SAR Lab

TF41B WIFI5G 802.11a 60CH Back side 0mm

DUT: TF41B; Type: Wireless Data Terminal; Serial: 861655070000087

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5300 MHz; Duty Cycle: 1:1.053

Medium: HSL5G; Medium parameters used: $f = 5300$ MHz; $\sigma = 4.796$ S/m; $\epsilon_r = 36.393$; $\rho = 1000$ kg/m³

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: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x21x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.38 W/kg

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

Reference Value = 0 V/m; Power Drift = 0.01 dB

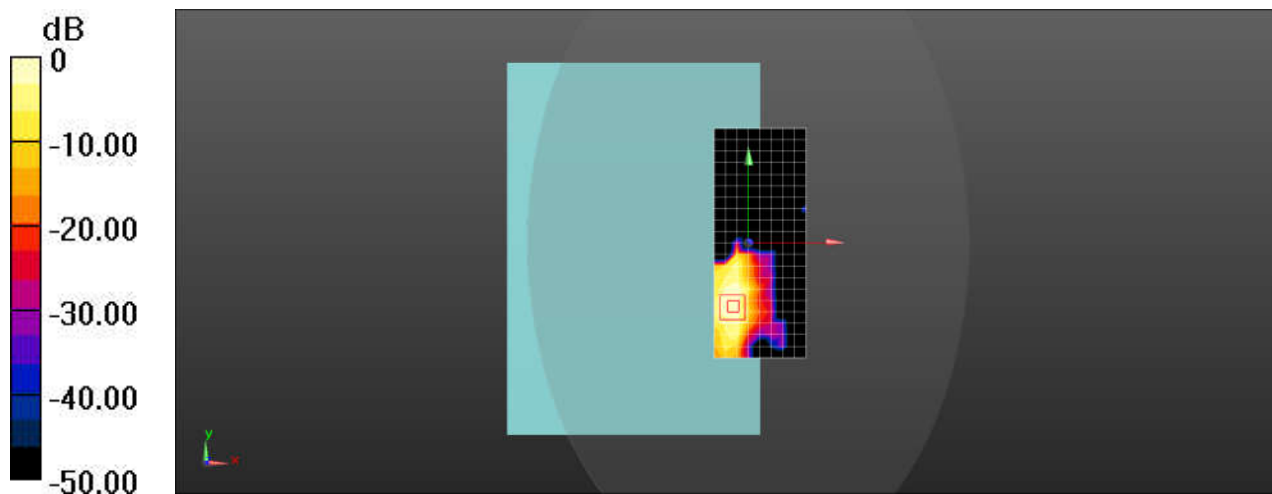
Peak SAR (extrapolated) = 3.86 W/kg

SAR(1 g) = 0.871 W/kg; SAR(10 g) = 0.261 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 64.6%

Maximum value of SAR (measured) = 2.15 W/kg



0 dB = 1.38 W/kg = 1.39 dBW/kg

Test Laboratory: SGS-SAR Lab

TF41B WIFI5G 802.11a 116CH Top side 0mm

DUT: TF41B; Type: Wireless Data Terminal; Serial: 861655070000087

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5580 MHz; Duty Cycle: 1:1.053

Medium: HSL5G; Medium parameters used: $f = 5580$ MHz; $\sigma = 5.123$ S/m; $\epsilon_r = 35.673$; $\rho = 1000$ kg/m³

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: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (11x21x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 1.10 W/kg

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

Reference Value = 0 V/m; Power Drift = 0.05 dB

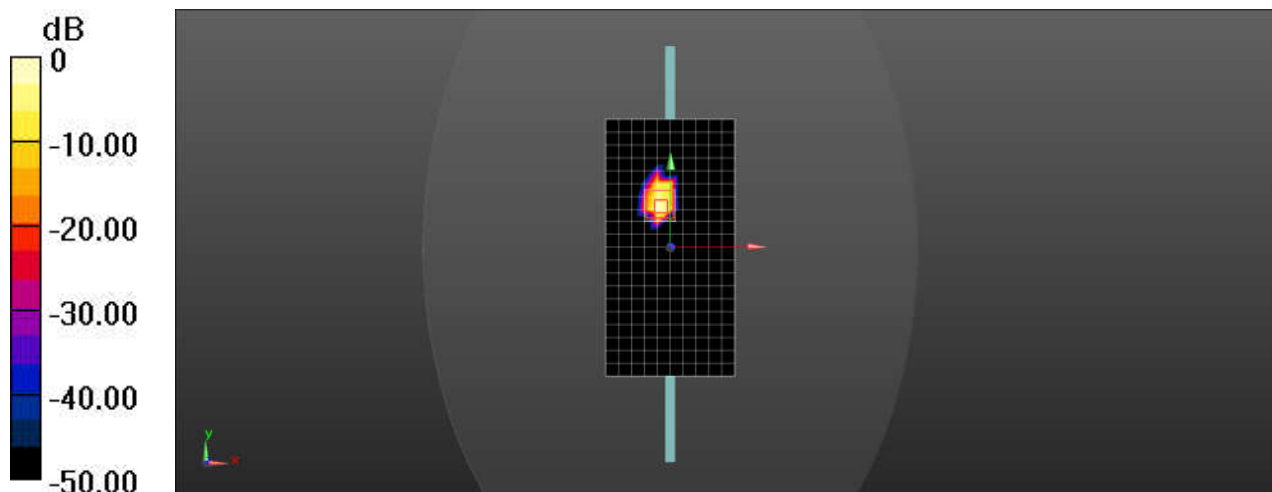
Peak SAR (extrapolated) = 2.94 W/kg

SAR(1 g) = 0.339 W/kg; SAR(10 g) = 0.064 W/kg

Smallest distance from peaks to all points 3 dB below = 4.7 mm

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

Maximum value of SAR (measured) = 1.54 W/kg



Test Laboratory: SGS-SAR Lab

TF41B WIFI5G 802.11n-HT40 151CH Top side 20mm

DUT: TF41B; Type: Wireless Data Terminal; Serial: 861655070000087

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5755 MHz; Duty Cycle: 1:1.117

Medium: HSL5G; Medium parameters used: $f = 5755$ MHz; $\sigma = 5.318$ S/m; $\epsilon_r = 35.18$; $\rho = 1000$ 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: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (11x21x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 1.16 W/kg

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

Reference Value = 2.073 V/m; Power Drift = 0.09 dB

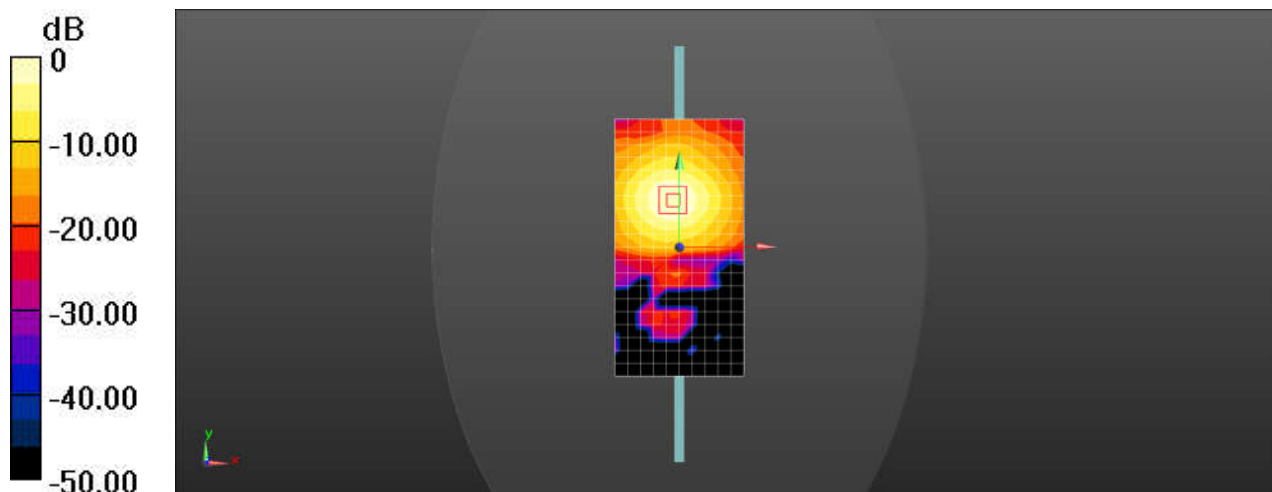
Peak SAR (extrapolated) = 2.10 W/kg

SAR(1 g) = 0.586 W/kg; SAR(10 g) = 0.239 W/kg

Smallest distance from peaks to all points 3 dB below = 14.9 mm

Ratio of SAR at M2 to SAR at M1 = 63.3%

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



0 dB = 1.16 W/kg = 0.63 dBW/kg

Test Laboratory: SGS-SAR Lab

TF41B Bluetooth DH5 39CH Top side 0mm

DUT: TF41B; Type: Wireless Data Terminal; Serial: 861655070000087

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.3

Medium: HSL2450; Medium parameters used: $f = 2441$ MHz; $\sigma = 1.789$ S/m; $\epsilon_r = 38.379$; $\rho = 1000$ 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: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.27 W/kg

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

Reference Value = 2.665 V/m; Power Drift = 0.03 dB

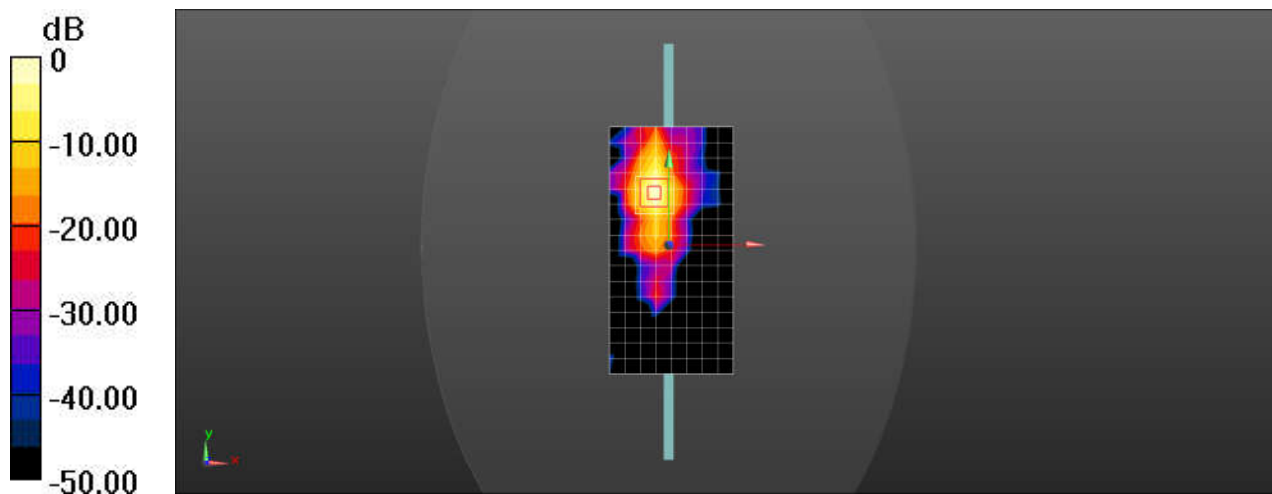
Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.211 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 42.8%

Maximum value of SAR (measured) = 1.35 W/kg



WIFI6G 802.11ax 80M 199CH Top side 0mm

Communication System: U-NII-8; Frequency: 6945.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 6945.000$ MHz; $\sigma = 6.65$ S/m; $\epsilon_r = 33.6$

DASY8 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(5.4, 5.62, 5.52); 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 V16.2.0.1425

Area Scan (102.0 mm x 170.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.619 W/kg; SAR (8g) = 0.137 W/kg; SAR (10g) = 0.101 W/kg;

Zoom Scan (23.4 mm x 23.4 mm x 25.0 mm): Measurement Grid: 2.6 mm x 2.6 mm x 1.2 mm

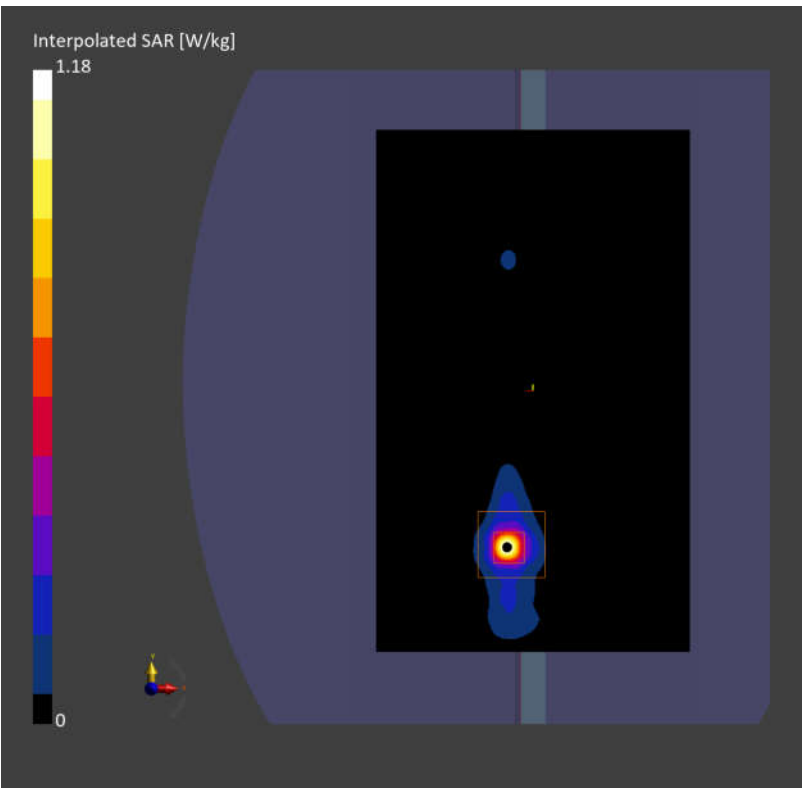
Power Drift = 0.03 dB

SAR (1g) = 0.645 W/kg; SAR (8g) = 0.150 W/kg; SAR (10g) = 0.123 W/kg;

psAPD (4.0cm², sq) [W/m²] 3.02

M2/M1 [%] 53.1

Dist 3dB Peak [mm] 3.8



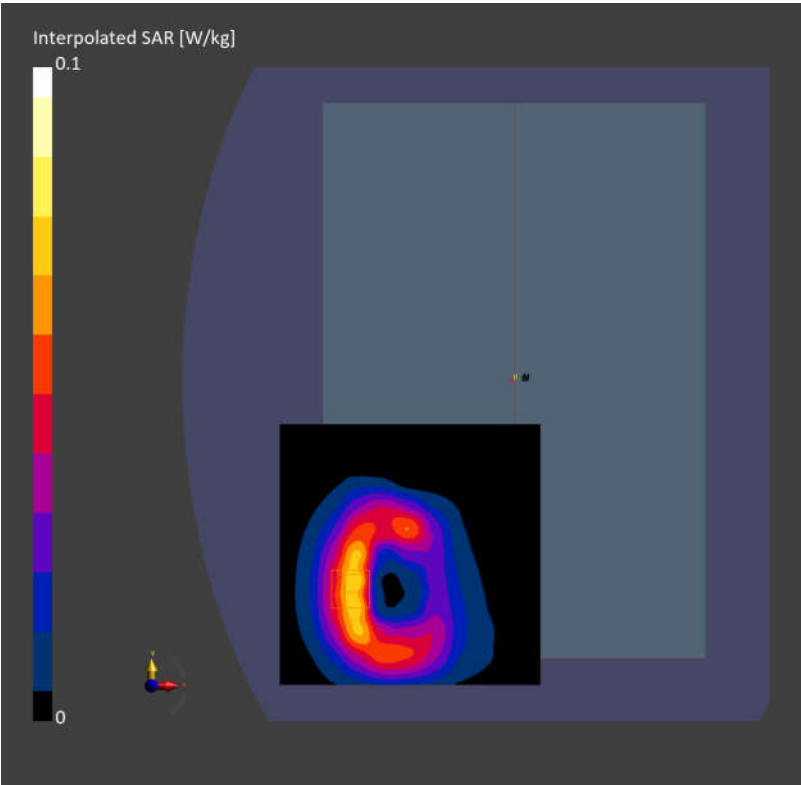
Sunmi NFC 13.56MHz Back side 0mm

Communication System: Custom Band; Frequency: 13.600
Medium: HSL. Medium parameters used: $f=13.600\text{ MHz}$; $\sigma=0.752\text{ S/m}$; $\epsilon_r=55.5$

- 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 (150.0 mm x 150.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.069 W/kg; SAR (10g) = 0.052 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = 0.03 dB
SAR (1g) = 0.067 W/kg; SAR (10g) = 0.035 W/kg;
M2/M1 [%] 68.8
Dist 3dB Peak [mm] 9.6





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

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- End of the Appendix -