WCDMA BandⅣ Right Side Mode High 5mm

Date/Time: 2025/2/19

Electronics: DAE4 Sn1244

Medium parameters used (interpolated): f = 1752.6 MHz; σ = 1.324 S/m; ε_r = 39.187; ρ = 1000 kg/m^3

Ambient Temperature:21.5°C Liquid Temperature:20.6°C

Communication System: WCDMA Band Ⅳ; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.86, 8.86, 8.86) @ 1752.6 MHz

WCDMA BandⅣ Right Side Mode High 5mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.847 W/kg

WCDMA BandⅣ Right Side Mode High 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.707 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.577 W/kg; SAR(10 g) = 0.310 W/kg

Smallest distance from peaks to all points 3 dB below = 11.5 mm

Ratio of SAR at M2 to SAR at M1 = 52%

Maximum value of SAR (measured) = 0.927 W/kg

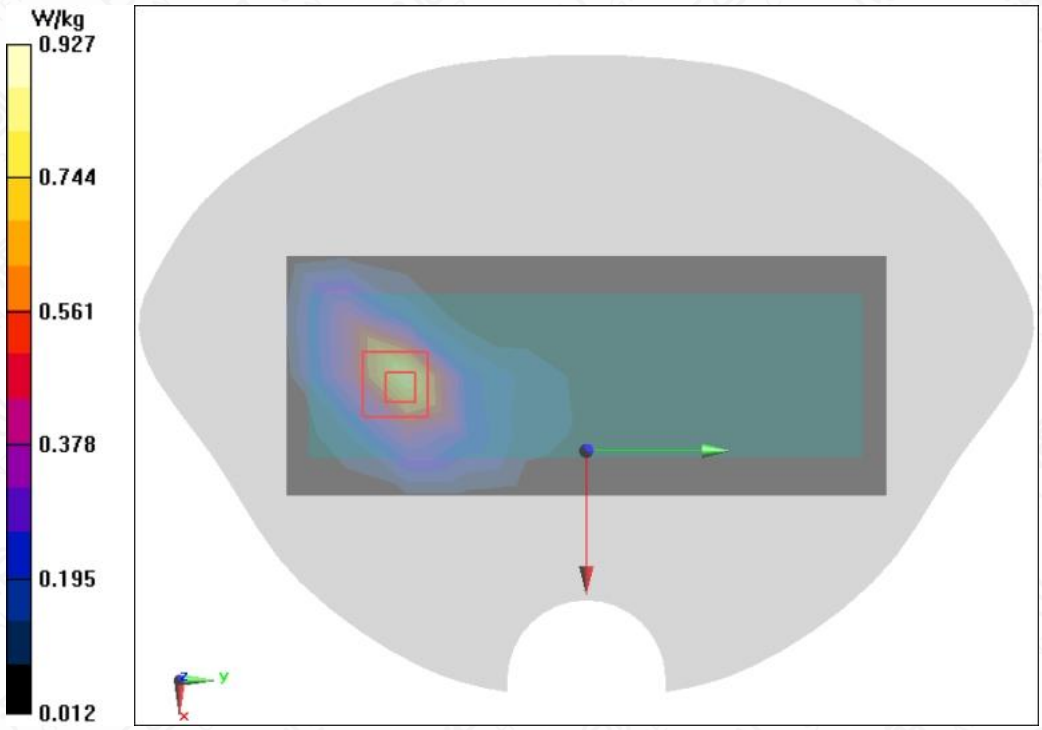


Figure A.1-5 WCDMA BandⅣ Right Side Mode High 5mm

WCDMA BandⅣ Right Side Mode High 0mm

Date/Time: 2025/2/19

Electronics: DAE4 Sn1244

Medium parameters used (interpolated): f = 1752.6 MHz; σ = 1.324 S/m; ε_r = 39.187; ρ = 1000 kg/m^3

Ambient Temperature:21.5°C Liquid Temperature:20.6°C

Communication System: WCDMA Band Ⅳ; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.86, 8.86, 8.86) @ 1752.6 MHz

WCDMA BandⅣ Right Side Mode High 0mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 2.70 W/kg

WCDMA BandⅣ Right Side Mode High 0mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.651 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.43 W/kg

SAR(1 g) = 1.53 W/kg; SAR(10 g) = 0.733 W/kg

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

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

Maximum value of SAR (measured) = 2.73 W/kg

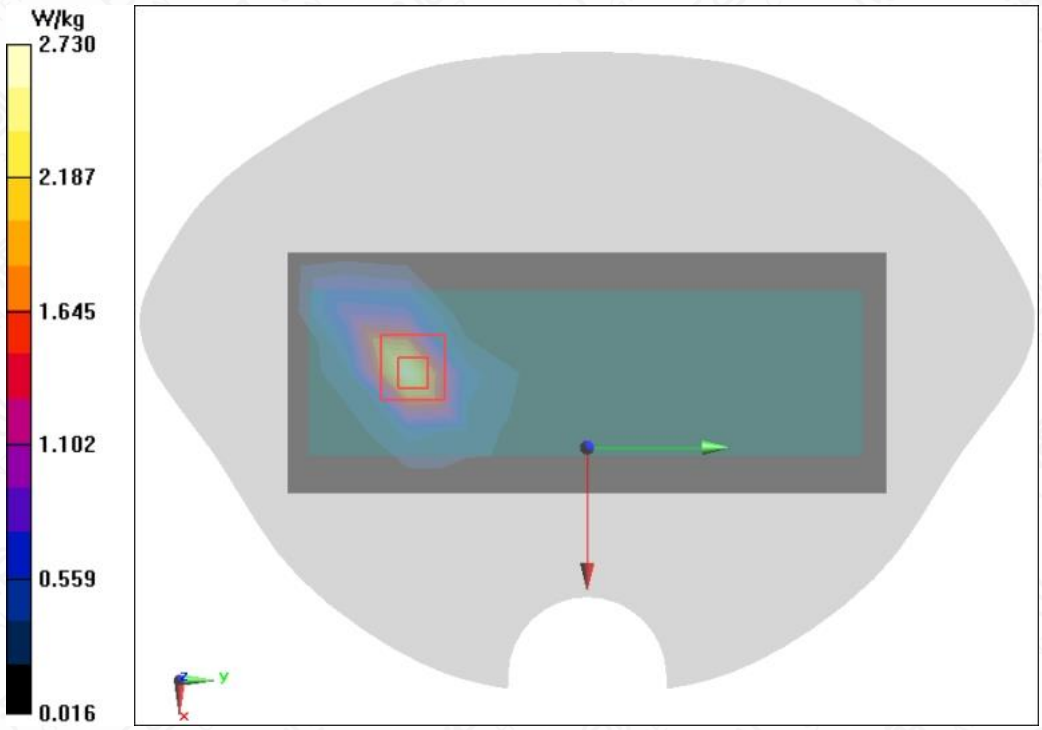


Figure A.1-6 WCDMA BandⅣ Right Side Mode High 0mm

WCDMA Band Ⅴ Front Side Mode Low 5mm

Date/Time: 2025/2/21

Electronics: DAE4 Sn1244

Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.896 S/m; ε_r = 41.882; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.3°C

Communication System: WCDMA Band Ⅴ; Frequency: 826.4 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.19, 10.19, 10.19) @ 826.4 MHz

WCDMA Band Ⅴ Front Side Mode Low 5mm/Area Scan (7x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.309 W/kg

WCDMA Band Ⅴ Front Side Mode Low 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.20 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.398 W/kg

SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.177 W/kg

Smallest distance from peaks to all points 3 dB below = 20 mm

Ratio of SAR at M2 to SAR at M1 = 66.8%

Maximum value of SAR (measured) = 0.340 W/kg

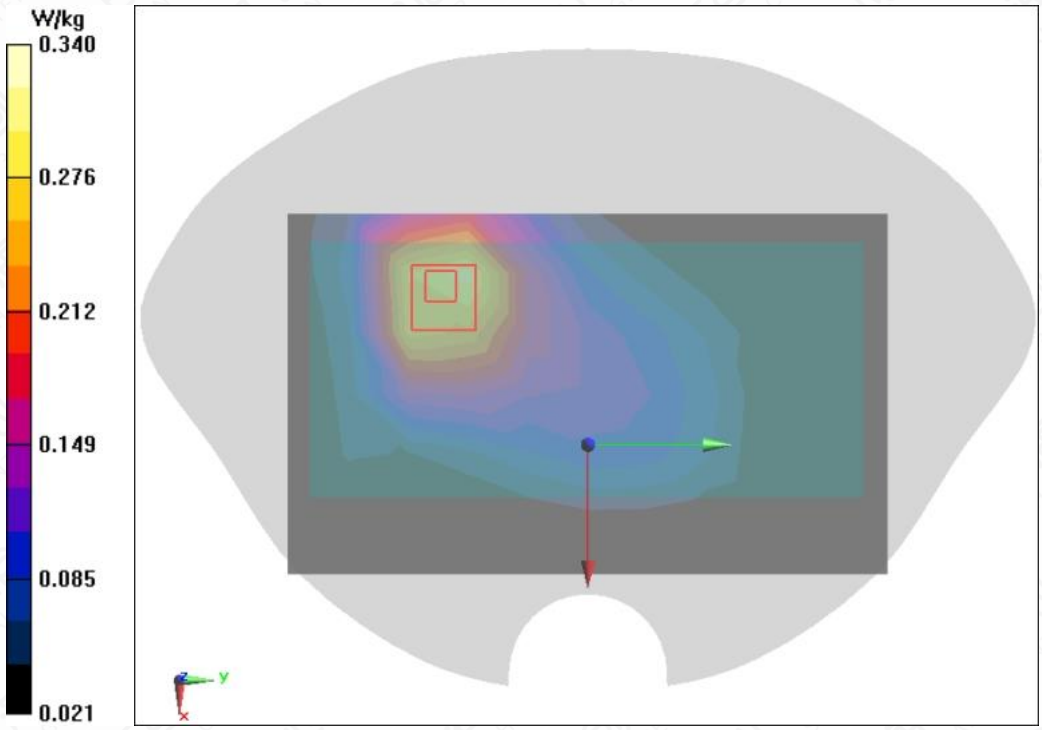


Figure A.1-7 WCDMA Band Ⅴ Front Side Mode Low 5mm

WCDMA Band Ⅴ Right Side Mode High 5mm

Date/Time: 2025/2/21

Electronics: DAE4 Sn1244

Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.904 S/m; ε_r = 41.821; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.3°C

Communication System: WCDMA Band Ⅴ; Frequency: 846.6 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.19, 10.19, 10.19) @ 846.6 MHz

WCDMA Band Ⅴ Right Side Mode High 5mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.795 W/kg

WCDMA Band Ⅴ Right Side Mode High 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.072 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.556 W/kg; SAR(10 g) = 0.300 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 52.5%

Maximum value of SAR (measured) = 0.843 W/kg

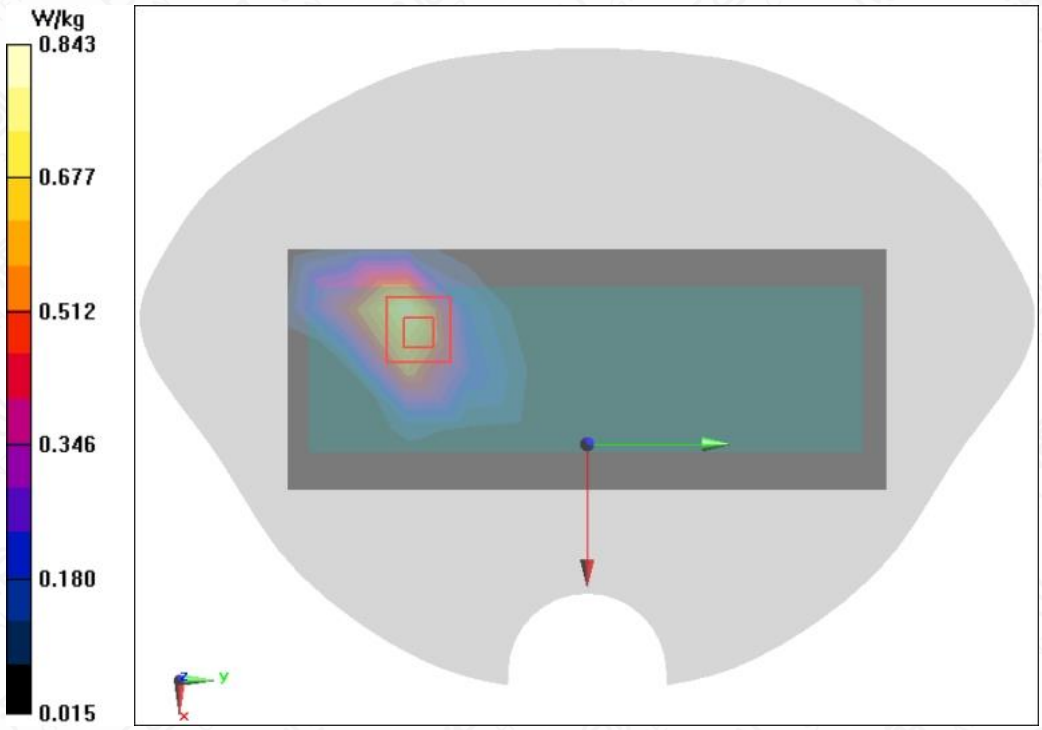


Figure A.1-8 WCDMA Band Ⅴ Right Side Mode High 5mm

WCDMA Band Ⅴ Right Side Mode Middle 0mm

Date/Time: 2025/2/21

Electronics: DAE4 Sn1244

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.9 S/m; ε_r = 41.848; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.3°C

Communication System: WCDMA Band Ⅴ; Frequency: 836.6 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.19, 10.19, 10.19) @ 836.6 MHz

WCDMA Band Ⅴ Right Side Mode Middle 0mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.99 W/kg

WCDMA Band Ⅴ Right Side Mode Middle 0mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.474 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.86 W/kg

SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.649 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 47.5%

Maximum of SAR (measured) = 2.11 W/kg

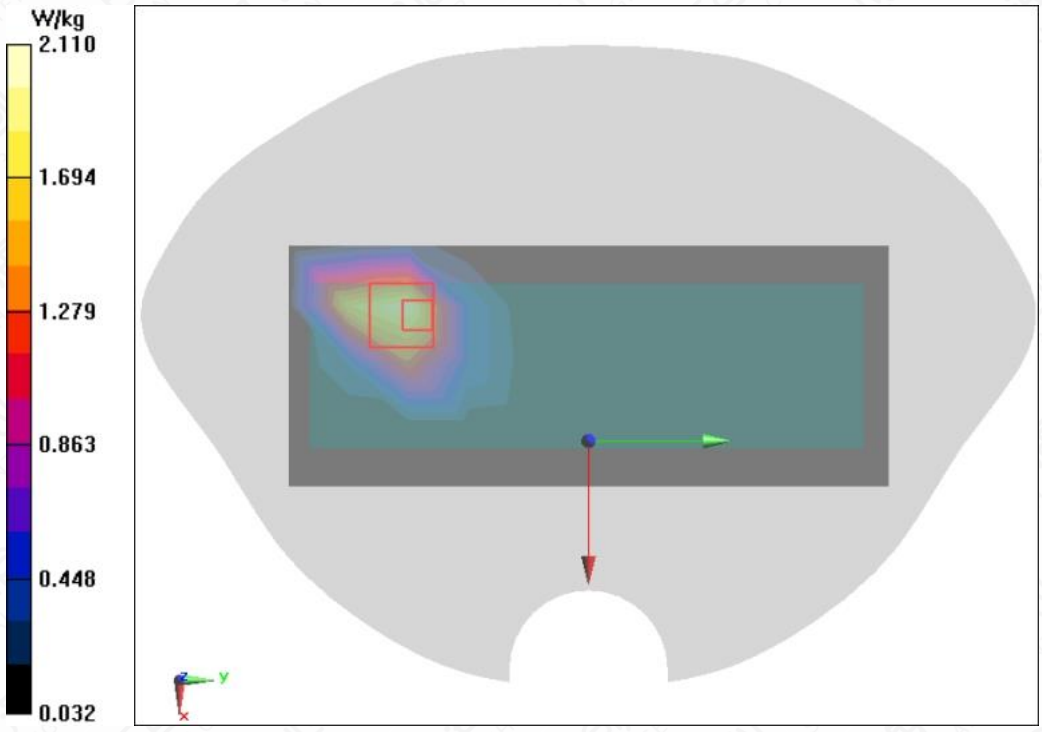


Figure A.1-9 WCDMA Band Ⅴ Right Side Mode Middle 0mm

LTE B7 20MHz 1RB 50offset Front Side Mode Low 5mm

Date/Time: 2025/2/20

Electronics: DAE4 Sn1244

Medium parameters used: f = 2510 MHz; σ = 1.886 S/m; ε_r = 39.86; ρ = 1000 kg/m^3

Ambient Temperature:21.6°C Liquid Temperature:20.5°C

Communication System: LTE B7 2450MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.05, 8.05, 8.05) @ 2510 MHz

LTE B7 20MHz 1RB 50offset Front Side Mode Low 5mm/Area Scan (7x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.636 W/kg

LTE B7 20MHz 1RB 50offset Front Side Mode Low 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.152 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.252 W/kg

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

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

Maximum value of SAR (measured) = 0.795 W/kg

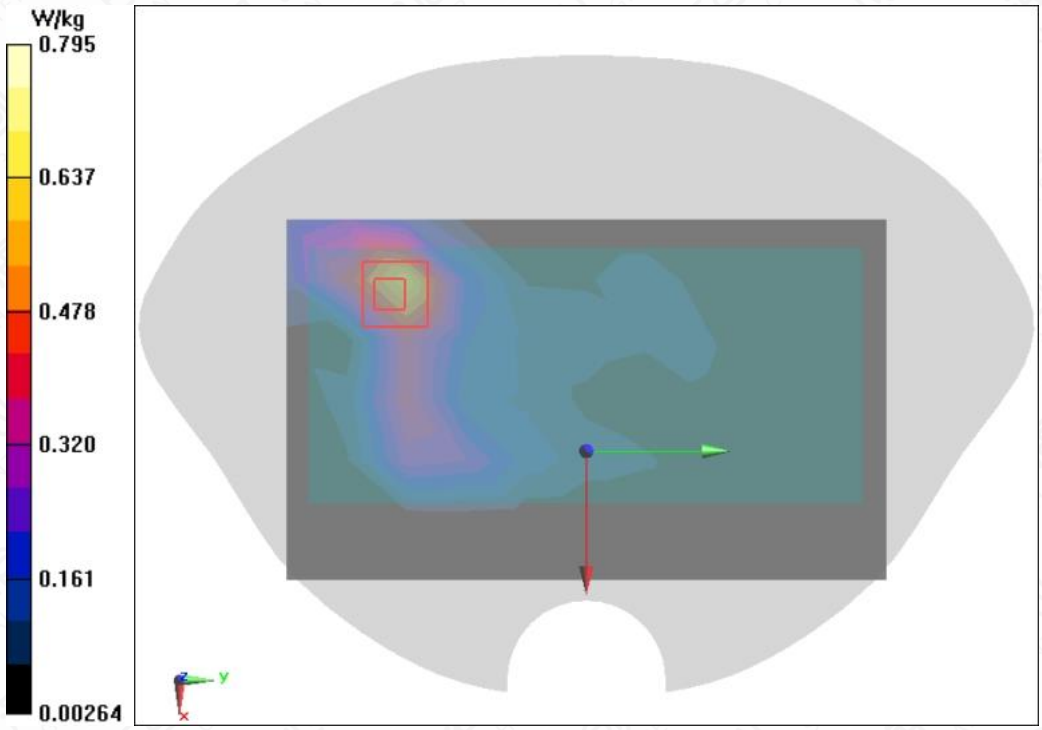


Figure A.1-10 LTE B7 20MHz 1RB 50offset Front Side Mode Low 5mm

LTE B7 20MHz 50RB 25offset Right Side Mode Low 5mm

Date/Time: 2025/2/20

Electronics: DAE4 Sn1244

Medium parameters used: f = 2510 MHz; σ = 1.886 S/m; ε_r = 39.86; ρ = 1000 kg/m^3

Ambient Temperature:21.6°C Liquid Temperature:20.5°C

Communication System: LTE B7 2450MHz; Frequency: 2510 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.05, 8.05, 8.05) @ 2510 MHz

LTE B7 20MHz 50RB 25offset Right Side Mode Low 5mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.771 W/kg

LTE B7 20MHz 50RB 25offset Right Side Mode Low 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.819 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.231 W/kg

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

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

Maximum value of SAR (measured) = 0.911 W/kg

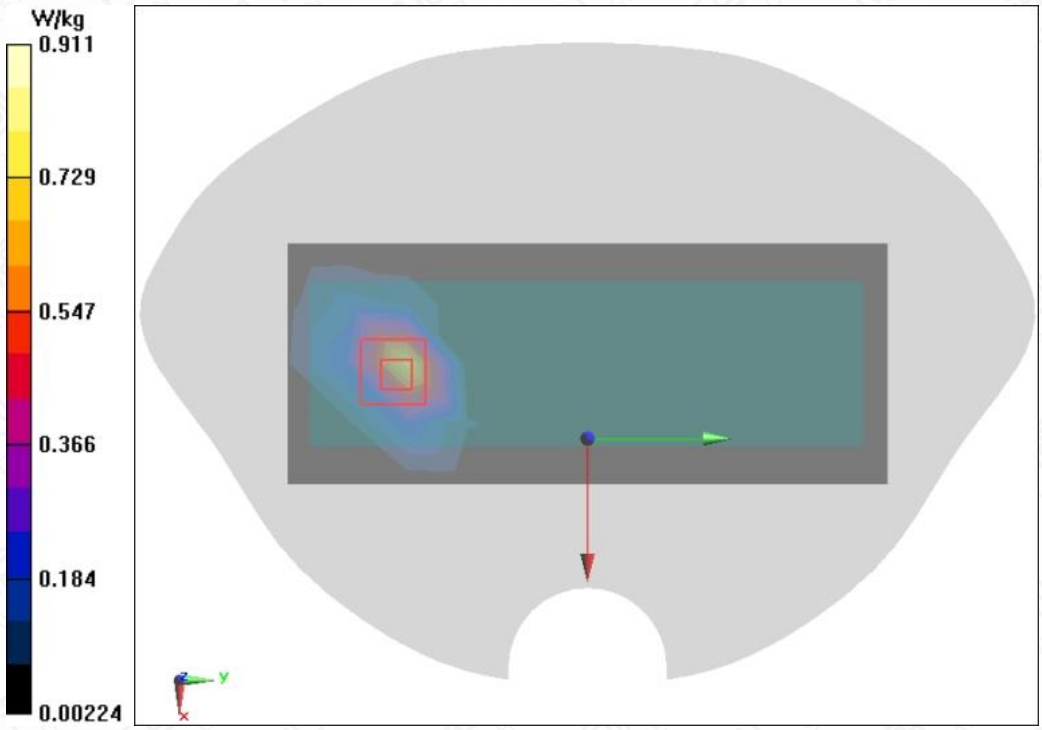


Figure A.1-11 LTE B7 20MHz 50RB 25offset Right Side Mode Low 5mm

LTE B7 20MHz 50RB 25offset Right Side Mode High 0mm

Date/Time: 2025/2/20

Electronics: DAE4 Sn1244

Medium parameters used: f = 2560 MHz; σ = 1.926 S/m; ε_r = 39.789; ρ = 1000 kg/m^3

Ambient Temperature:21.6°C Liquid Temperature:20.5°C

Communication System: LTE B7 2450MHz; Frequency: 2560 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(7.85, 7.85, 7.85) @ 2560 MHz

LTE B7 20MHz 50RB 25offset Right Side Mode High 0mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 2.39 W/kg

LTE B7 20MHz 50RB 25offset Right Side Mode High 0mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.749 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 3.92 W/kg

SAR(1 g) = 1.52 W/kg; SAR(10 g) = 0.578 W/kg

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

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

Maximum of SAR (measured) = 2.76 W/kg

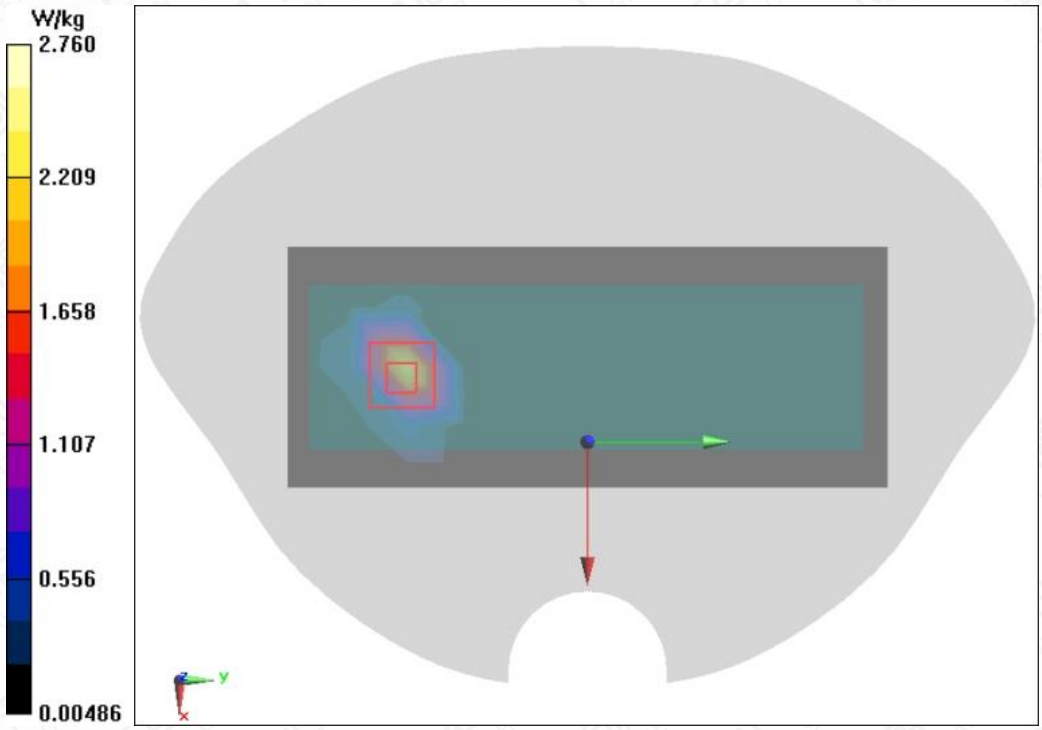


Figure A.1-12 LTE B7 20MHz 50RB 25offset Right Side Mode High 0mm

LTE B12 10MHz 1RB 25offset Front Side Mode Low

Date/Time: 2025/2/18

Electronics: DAE4 Sn1244

Medium parameters used: f = 704 MHz; σ = 0.85 S/m; ε_r = 42.273; ρ = 1000 kg/m^3

Ambient Temperature:21.6°C Liquid Temperature:20.5°C

Communication System: LTE B12 900MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.6, 10.6, 10.6) @ 704 MHz

LTE B12 10MHz 1RB 25offset Front Side Mode Low/Area Scan (7x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.340 W/kg

LTE B12 10MHz 1RB 25offset Front Side Mode Low/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.34 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.467 W/kg

SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.222 W/kg

Smallest distance from peaks to all points 3 dB below = 23.6 mm

Ratio of SAR at M2 to SAR at M1 = 69%

Maximum value of SAR (measured) = 0.399 W/kg

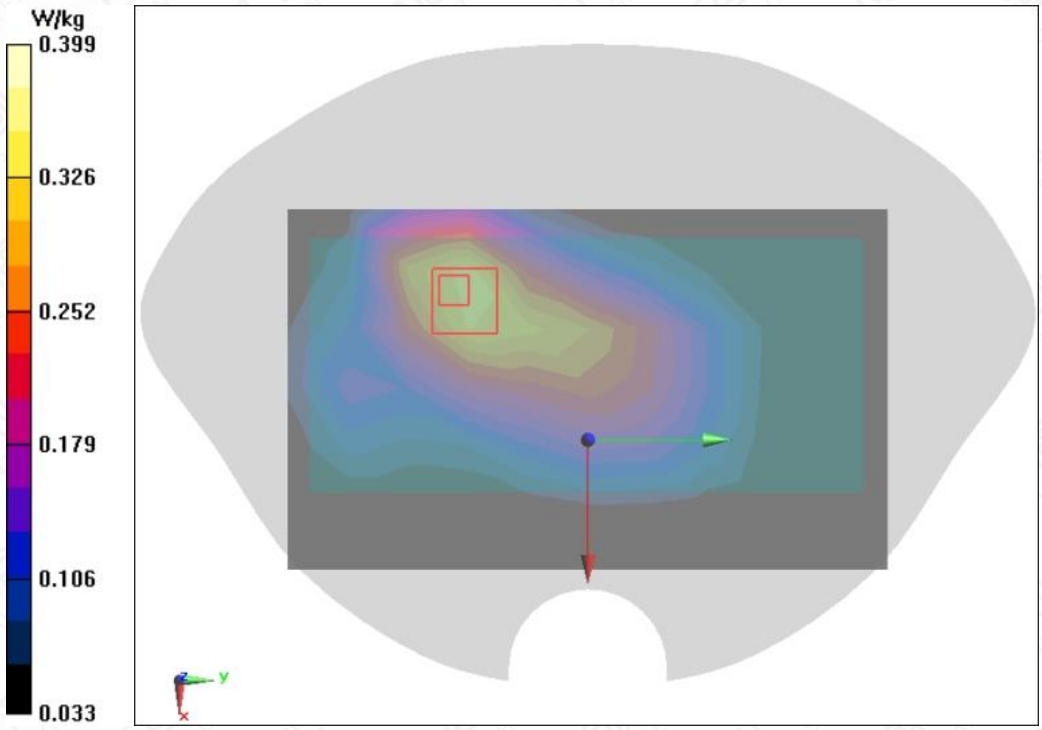


Figure A.1-13 LTE B12 10MHz 1RB 25offset Front Side Mode Low

LTE B12 10MHz 1RB 25offset Right Side Mode High 5mm

Date/Time: 2025/2/18

Electronics: DAE4 Sn1244

Medium parameters used: f = 711 MHz; σ = 0.853 S/m; ε_r = 42.252; ρ = 1000 kg/m^3

Ambient Temperature:21.6°C Liquid Temperature:20.5°C

Communication System: LTE B12 900MHz; Frequency: 711 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.6, 10.6, 10.6) @ 711 MHz

LTE B12 10MHz 1RB 25offset Right Side Mode High 5mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.764 W/kg

LTE B12 10MHz 1RB 25offset Right Side Mode High 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.62 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.604 W/kg; SAR(10 g) = 0.352 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 55.1%

Maximum of SAR (measured) = 0.893 W/kg

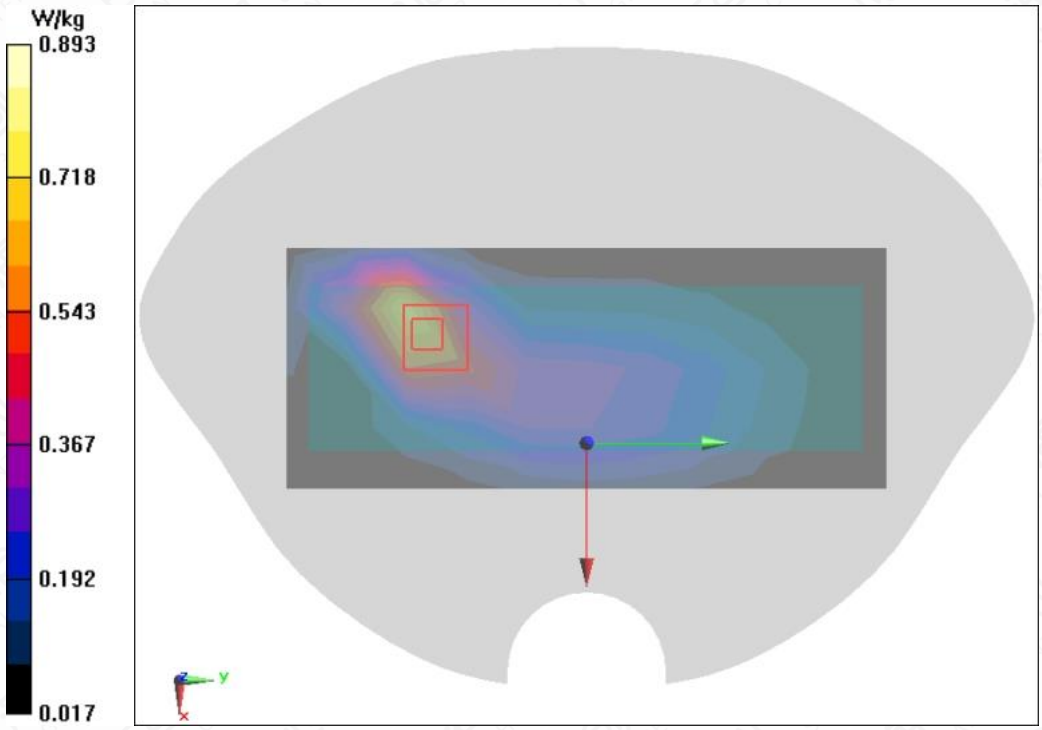


Figure A.1-14 LTE B12 10MHz 1RB 25offset Right Side Mode High 5mm

LTE B12 10MHz 1RB 25offset Right Side Mode High 0mm
Date/Time: 2025/2/18
Electronics: DAE4 Sn1244
Medium: Head 900MHz
Medium parameters used: f = 711 MHz; σ = 0.853 S/m; ε_r = 42.252; ρ = 1000 kg/m^3
Ambient Temperature:21.6°C Liquid Temperature:20.5°C
Communication System: LTE B12 900MHz; Frequency: 711 MHz; Duty Cycle: 1:1
Probe: EX3DV4 - SN7634ConvF(10.6, 10.6, 10.6) @ 711 MHz
LTE B12 10MHz 1RB 25offset Right Side Mode High 0mm/Area Scan (5x11x1):
Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.72 W/kg
LTE B12 10MHz 1RB 25offset Right Side Mode High 0mm/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.04 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 2.43 W/kg
SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.677 W/kg
Smallest distance from peaks to all points 3 dB below = 9.3 mm
Ratio of SAR at M2 to SAR at M1 = 51.9%
Maximum of SAR (measured) = 1.94 W/kg

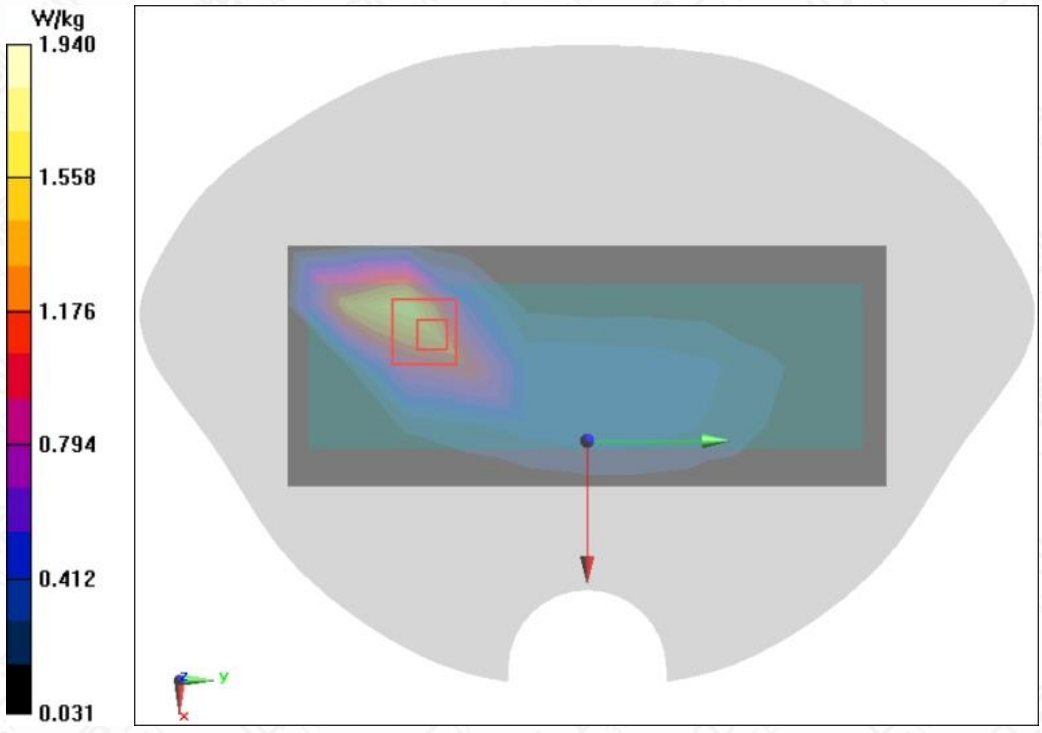


Figure A.1-15 LTE B12 10MHz 1RB 25offset Right Side Mode High 0mm

LTE B13 10MHz 1RB 25offset Front Side Mode Middle 5mm

Date/Time: 2025/2/18

Electronics: DAE4 Sn1244

Medium parameters used: f = 782 MHz; σ = 0.878 S/m; ε_r = 42.016; ρ = 1000 kg/m^3

Ambient Temperature:21.6°C Liquid Temperature:20.5°C

Communication System: LTE B13 900MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.6, 10.6, 10.6) @ 782 MHz

LTE B13 10MHz 1RB 25offset Front Side Mode Middle 5mm/Area Scan (7x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.374 W/kg

LTE B13 10MHz 1RB 25offset Front Side Mode Middle 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.18 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.491 W/kg

SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.229 W/kg

Smallest distance from peaks to all points 3 dB below = 19.5 mm

Ratio of SAR at M2 to SAR at M1 = 68.5%

Maximum value of SAR (measured) = 0.425 W/kg

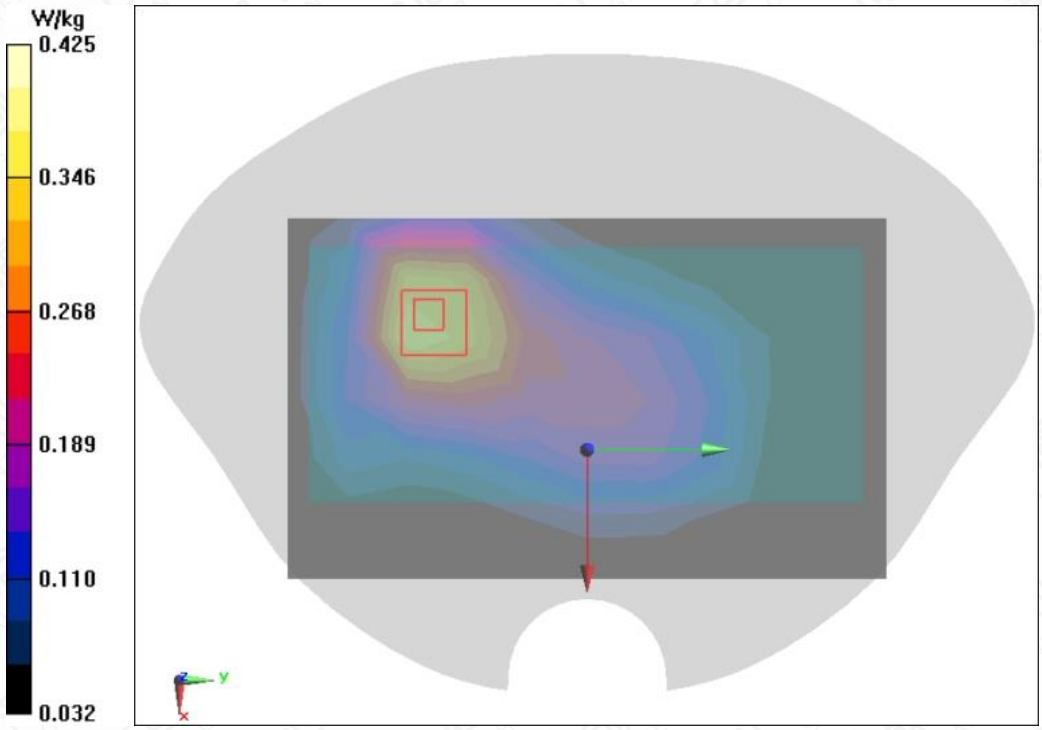


Figure A.1-16 LTE B13 10MHz 1RB 25offset Front Side Mode Middle 5mm

LTE B13 10MHz 1RB 25offset Right Side Mode Middle 5mm

Date/Time: 2025/2/18

Electronics: DAE4 Sn1244

Medium parameters used: f = 782 MHz; σ = 0.878 S/m; ε_r = 42.016; ρ = 1000 kg/m^3

Ambient Temperature:21.6°C Liquid Temperature:20.5°C

Communication System: LTE B13 900MHz; Frequency: 782 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.6, 10.6, 10.6) @ 782 MHz

LTE B13 10MHz 1RB 25offset Right Side Mode Middle 5mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.728 W/kg

LTE B13 10MHz 1RB 25offset Right Side Mode Middle 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.45 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.575 W/kg; SAR(10 g) = 0.321 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 53.1%

Maximum value of SAR (measured) = 0.888 W/kg

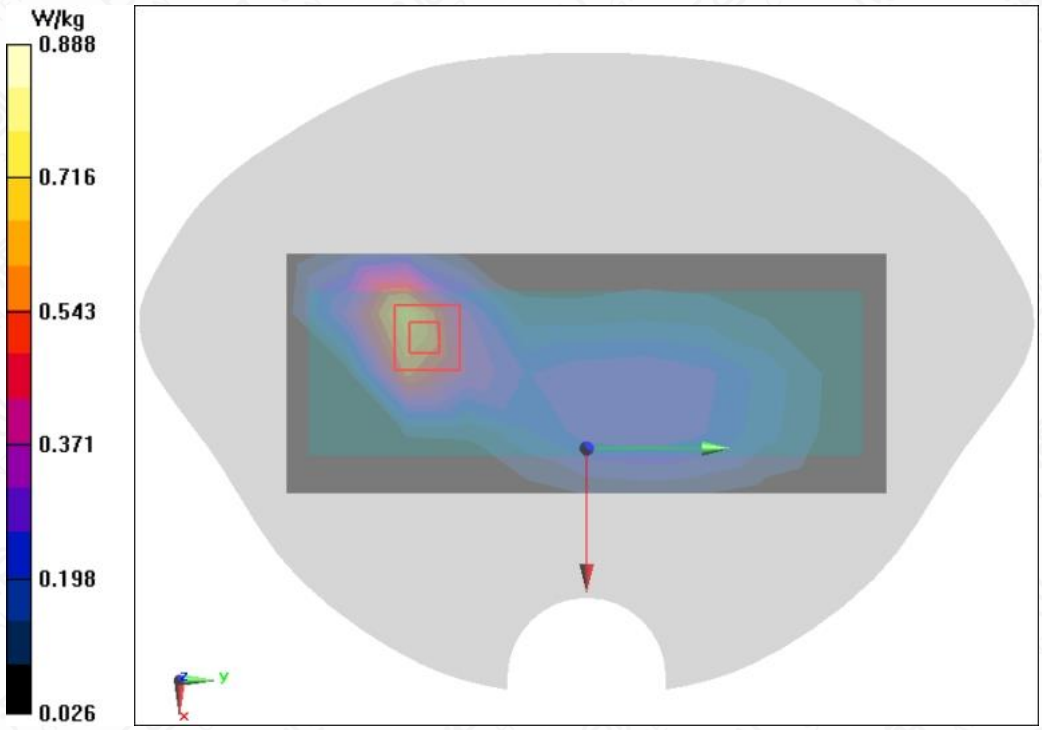


Figure A.1-17 LTE B13 10MHz 1RB 25offset Right Side Mode Middle 5mm

LTE B13 10MHz 25RB 13offset Right Side Mode Middle 0mm

Date/Time: 2025/2/18

Electronics: DAE4 Sn1244

Medium parameters used: f = 782 MHz; σ = 0.878 S/m; ε_r = 42.016; ρ = 1000 kg/m^3

Ambient Temperature:21.6°C Liquid Temperature:20.5°C

Communication System: LTE B13 900MHz; Frequency: 782 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.6, 10.6, 10.6) @ 782 MHz

LTE B13 10MHz 25RB 13offset Right Side Mode Middle 0mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

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

LTE B13 10MHz 25RB 13offset Right Side Mode Middle 0mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.38 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.77 W/kg

SAR(1 g) = 1.48 W/kg; SAR(10 g) = 0.795 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 47.4%

Maximum of SAR (measured) = 2.95 W/kg

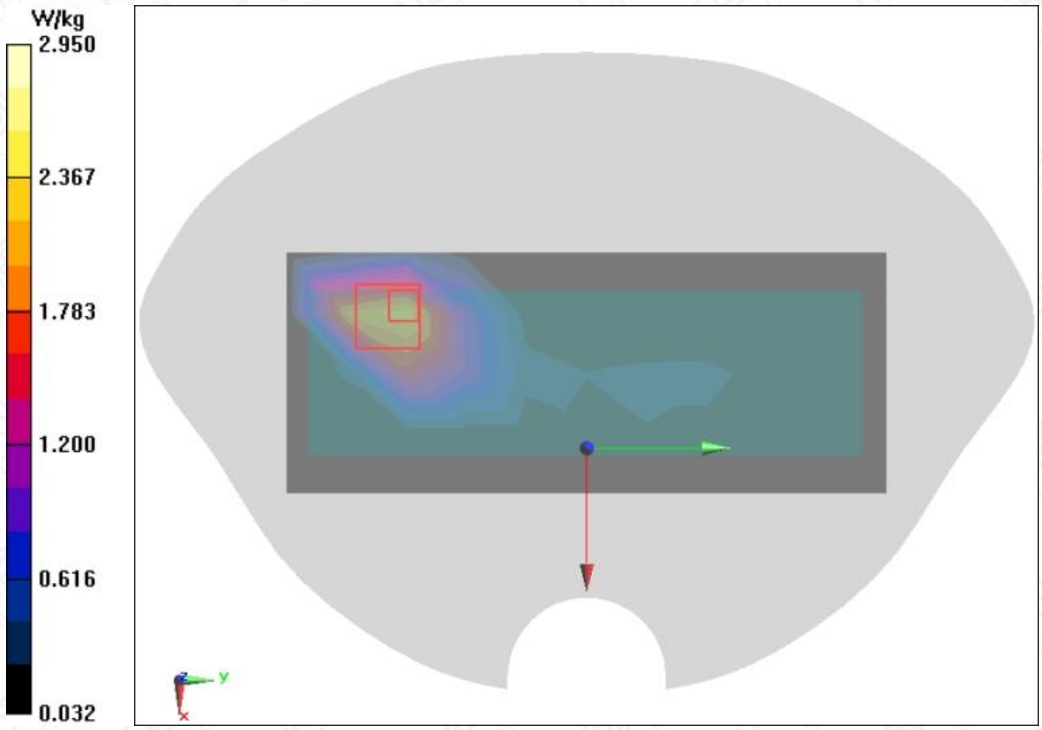


Figure A.1-18 LTE B13 10MHz 25RB 13offset Right Side Mode Middle 0mm

LTE B14 10MHz 1RB 25offset Front Side Mode Middle 5mm

Date/Time: 2025/2/25

Electronics: DAE4 Sn1244

Medium parameters used: f = 793 MHz; σ = 0.907 S/m; ε_r = 42.145; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.3°C

Communication System: LTE B14 900MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.6, 10.6, 10.6) @ 793 MHz

LTE B14 10MHz 1RB 25offset Front Side Mode Middle 5mm/Area Scan (7x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.340 W/kg

LTE B14 10MHz 1RB 25offset Front Side Mode Middle 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.24 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.429 W/kg

SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.200 W/kg

Smallest distance from peaks to all points 3 dB below = 19.5 mm

Ratio of SAR at M2 to SAR at M1 = 68.1%

Maximum value of SAR (measured) = 0.373 W/kg

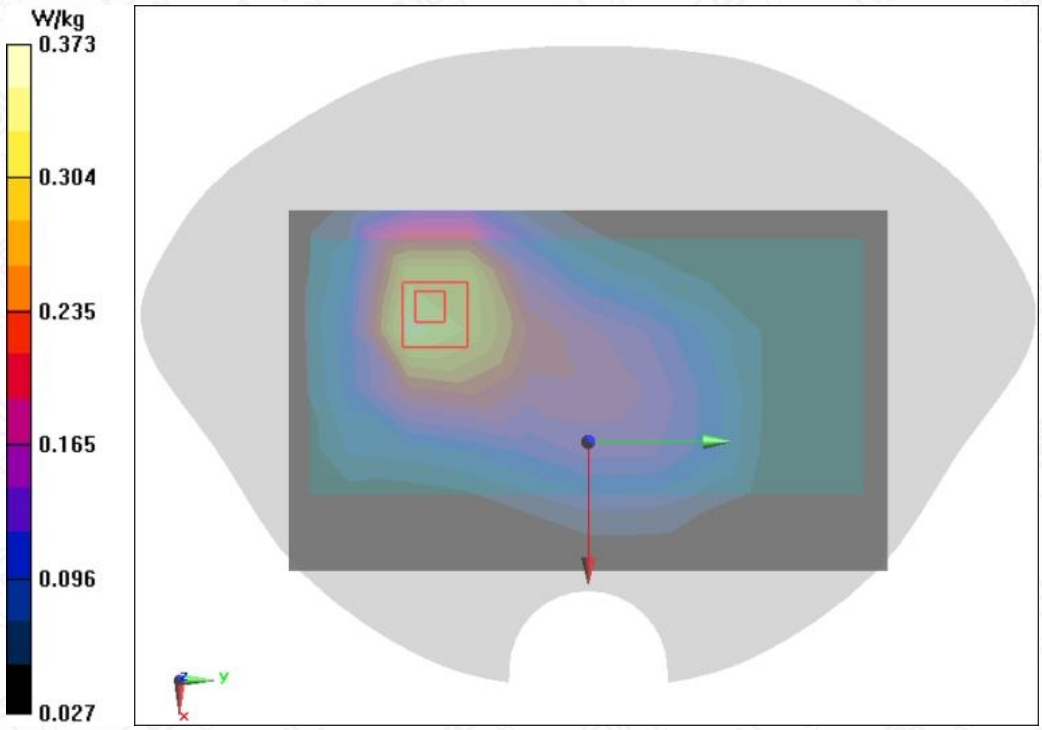


Figure A.1-19 LTE B14 10MHz 1RB 25offset Front Side Mode Middle 5mm

LTE B14 10MHz 25RB 13offset Right Side Mode Middle 5mm

Date/Time: 2025/2/25

Electronics: DAE4 Sn1244

Medium parameters used: f = 793 MHz; σ = 0.907 S/m; ε_r = 42.145; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.3°C

Communication System: LTE B14 900MHz; Frequency: 793 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.6, 10.6, 10.6) @ 793 MHz

LTE B14 10MHz 25RB 13offset Right Side Mode Middle 5mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.713 W/kg

LTE B14 10MHz 25RB 13offset Right Side Mode Middle 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.38 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.582 W/kg; SAR(10 g) = 0.319 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 55.1%

Maximum value of SAR (measured) = 0.833 W/kg

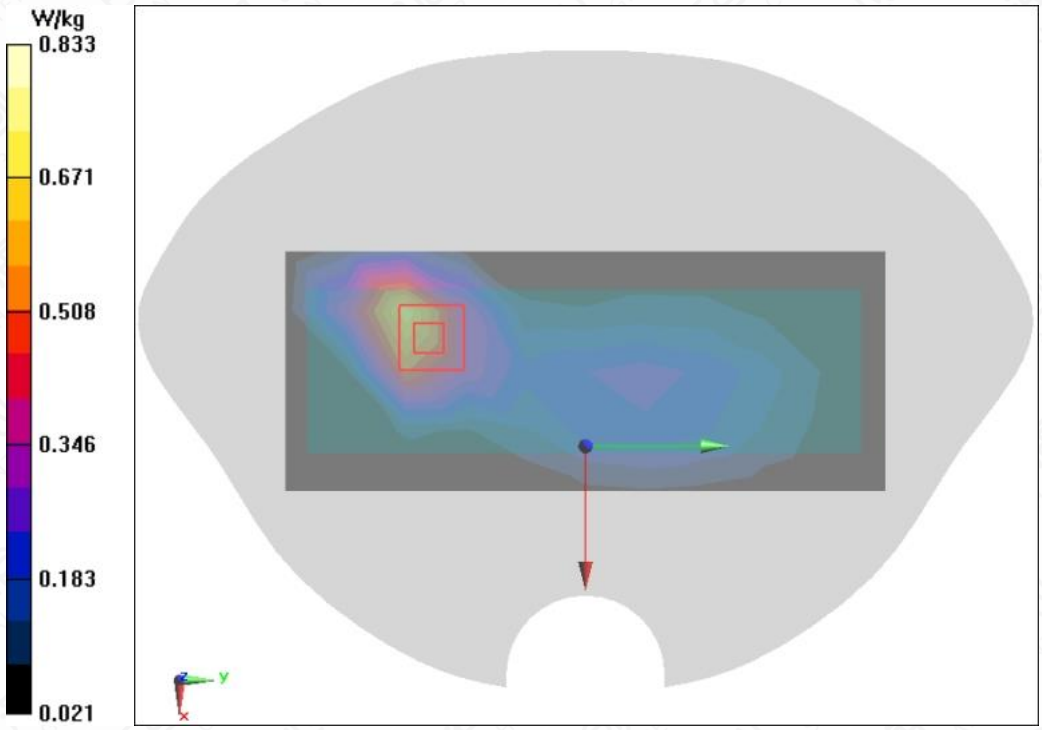


Figure A.1-20 LTE B14 10MHz 25RB 13offset Right Side Mode Middle 5mm

LTE B14 10MHz 25RB 13offset Right Side Mode Middle 0mm

Date/Time: 2025/2/25

Electronics: DAE4 Sn1244

Medium parameters used: f = 793 MHz; σ = 0.907 S/m; ε_r = 42.145; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.3°C

Communication System: LTE B14 900MHz; Frequency: 793 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.6, 10.6, 10.6) @ 793 MHz

LTE B14 10MHz 25RB 13offset Right Side Mode Middle 0mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

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

LTE B14 10MHz 25RB 13offset Right Side Mode Middle 0mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.83 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.84 W/kg

SAR(1 g) = 1.51 W/kg; SAR(10 g) = 0.824 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 46.8%

Maximum of SAR (measured) = 3.02 W/kg

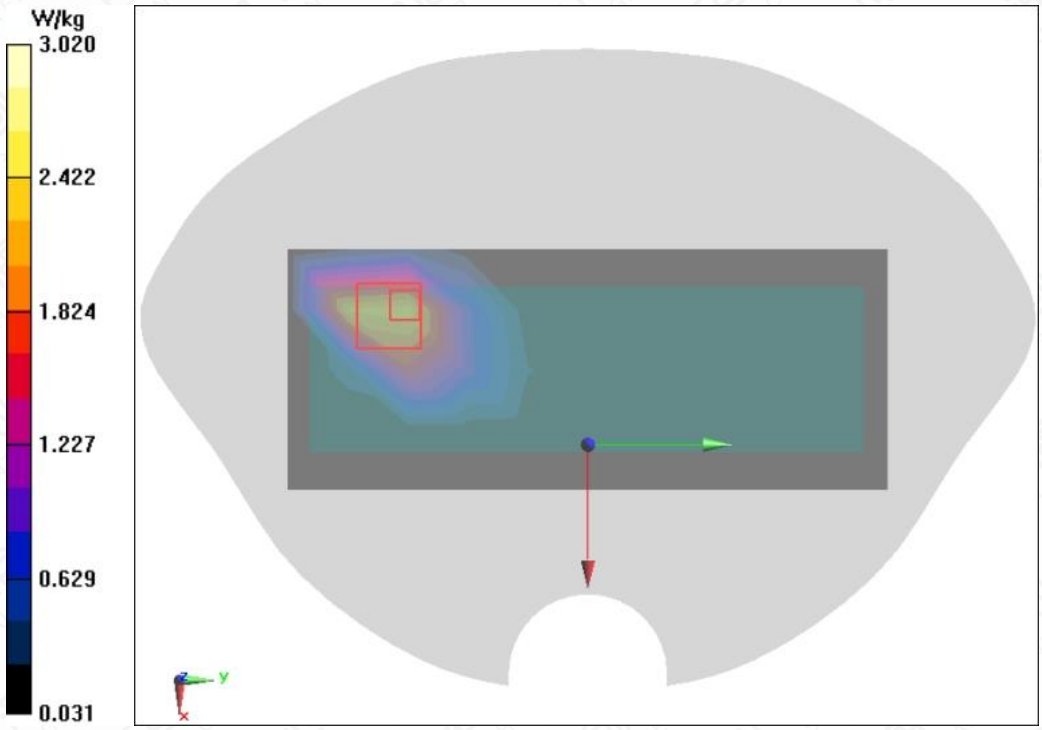


Figure A.1-21 LTE B14 10MHz 25RB 13offset Right Side Mode Middle 0mm

LTE B25 20MHz 1RB 50offset Front Side Mode Middle 5mm

Date/Time: 2025/2/22

Electronics: DAE4 Sn1244

Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.394 S/m; ε_r = 38.615; ρ = 1000 kg/m^3

Ambient Temperature:21.3°C Liquid Temperature:20.4°C

Communication System: LTE B25 1900MHz; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.51, 8.51, 8.51) @ 1882.5 MHz

LTE B25 20MHz 1RB 50offset Front Side Mode Middle 5mm/Area Scan (7x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.512 W/kg

LTE B25 20MHz 1RB 50offset Front Side Mode Middle 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.916 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.715 W/kg

SAR(1 g) = 0.421 W/kg; SAR(10 g) = 0.246 W/kg

Smallest distance from peaks to all points 3 dB below = 14.3 mm

Ratio of SAR at M2 to SAR at M1 = 59%

Maximum value of SAR (measured) = 0.598 W/kg

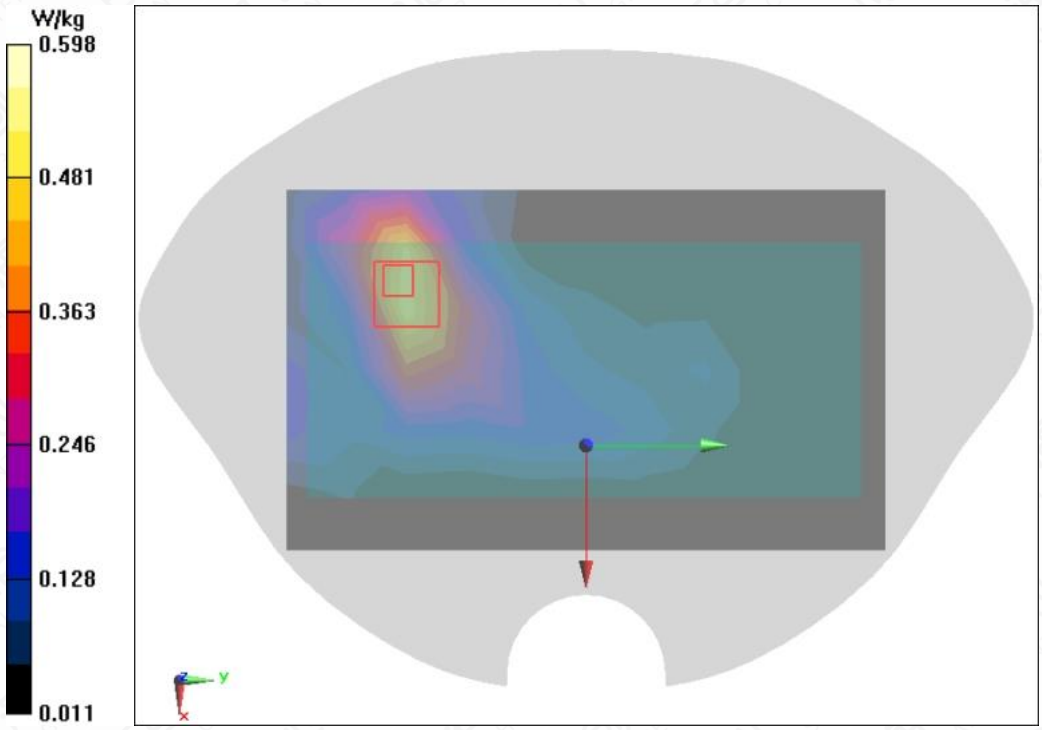


Figure A.1-22 LTE B25 20MHz 1RB 50offset Front Side Mode Middle 5mm

LTE B25 20MHz 1RB 50offset Right Side Mode Middle 5mm

Date/Time: 2025/2/22

Electronics: DAE4 Sn1244

Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.394 S/m; ε_r = 38.615; ρ = 1000 kg/m^3

Ambient Temperature:21.3°C Liquid Temperature:20.4°C

Communication System: LTE B25 1900MHz; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.51, 8.51, 8.51) @ 1882.5 MHz

LTE B25 20MHz 1RB 50offset Right Side Mode Middle 5mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.772 W/kg

LTE B25 20MHz 1RB 50offset Right Side Mode Middle 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.873 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.506 W/kg; SAR(10 g) = 0.254 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 52.9%

Maximum value of SAR (measured) = 0.752 W/kg

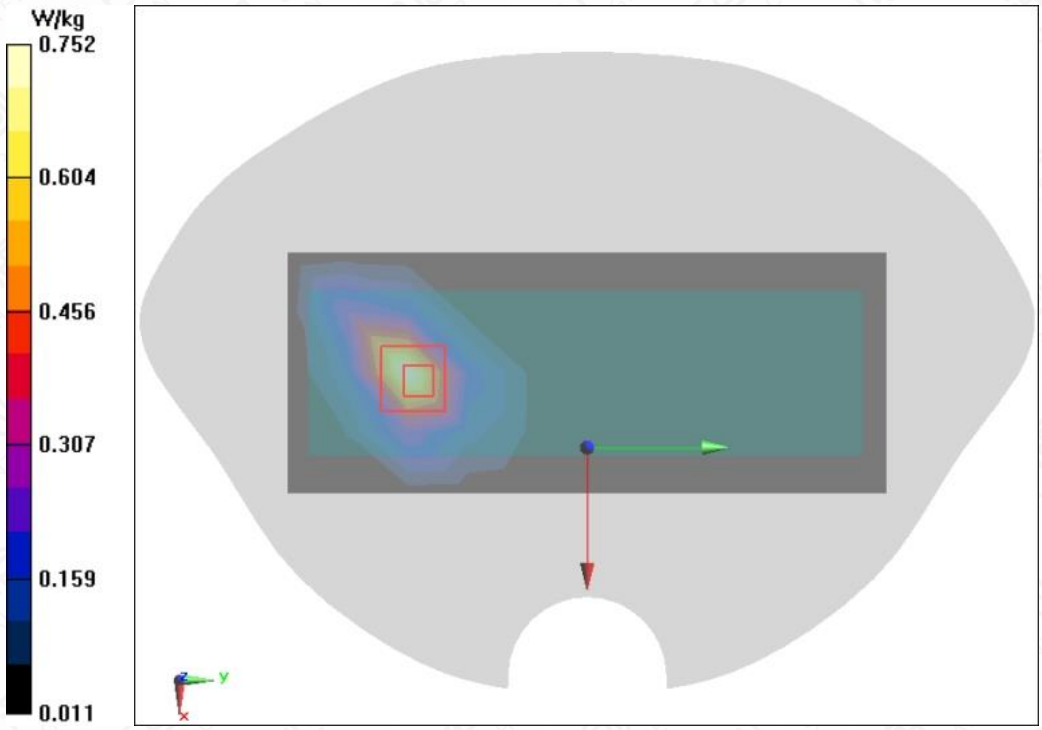


Figure A.1-23 LTE B25 20MHz 1RB 50offset Right Side Mode Middle 5mm

LTE B25 20MHz 1RB 50offset Right Side Mode Middle 16mm

Date/Time: 2025/2/22

Electronics: DAE4 Sn1244

Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.394 S/m; ε_r = 38.615; ρ = 1000 kg/m^3

Ambient Temperature:21.3°C Liquid Temperature:20.4°C

Communication System: LTE B25 1900MHz; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.51, 8.51, 8.51) @ 1882.5 MHz

LTE B25 20MHz 1RB 50offset Right Side Mode Middle 16mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.832 W/kg

LTE B25 20MHz 1RB 50offset Right Side Mode Middle 16mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.972 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.972 W/kg

SAR(1 g) = 0.573 W/kg; SAR(10 g) = 0.338 W/kg

Smallest distance from peaks to all points 3 dB below = 17.9 mm

Ratio of SAR at M2 to SAR at M1 = 58.6%

Maximum value of SAR (measured) = 0.829 W/kg

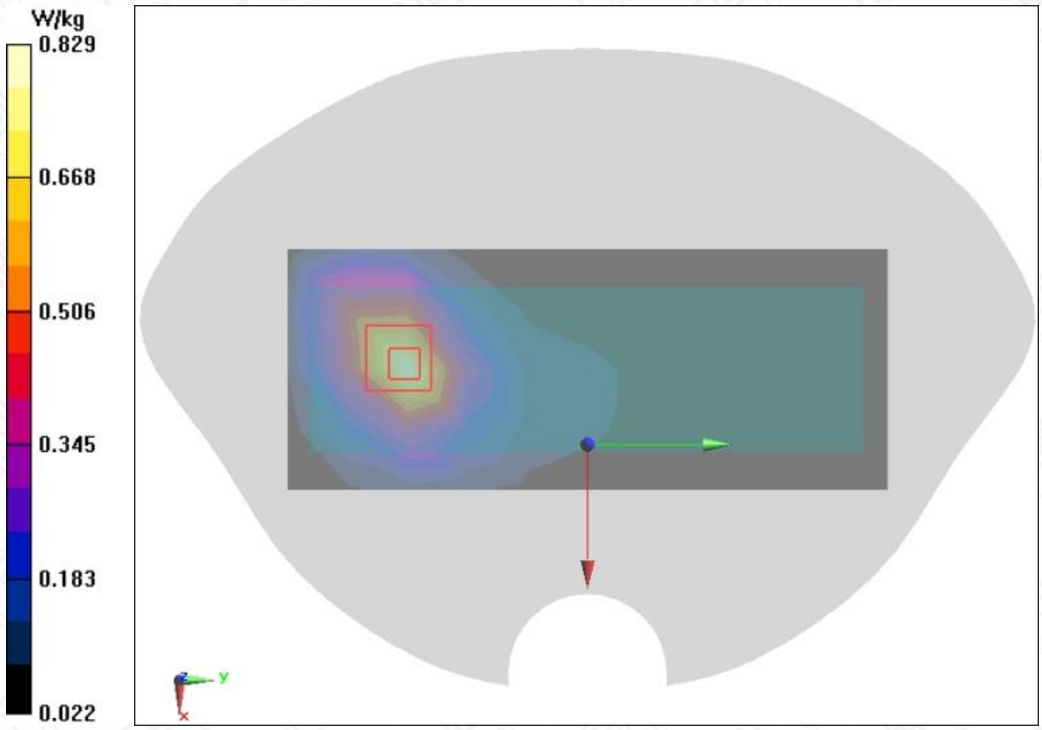


Figure A.1-24 LTE B25 20MHz 1RB 50offset Right Side Mode Middle 16mm

LTE B25 20MHz 1RB 50offset Right Side Mode Middle 0mm

Date/Time: 2025/2/22

Electronics: DAE4 Sn1244

Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.394 S/m; ε_r = 38.615; ρ = 1000 kg/m^3

Ambient Temperature:21.3°C Liquid Temperature:20.4°C

Communication System: LTE B25 1900MHz; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.51, 8.51, 8.51) @ 1882.5 MHz

LTE B25 20MHz 1RB 50offset Right Side Mode Middle 0mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.90 W/kg

LTE B25 20MHz 1RB 50offset Right Side Mode Middle 0mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.046 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.67 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.510 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 39.9%

Maximum value of SAR (measured) = 2.07 W/kg

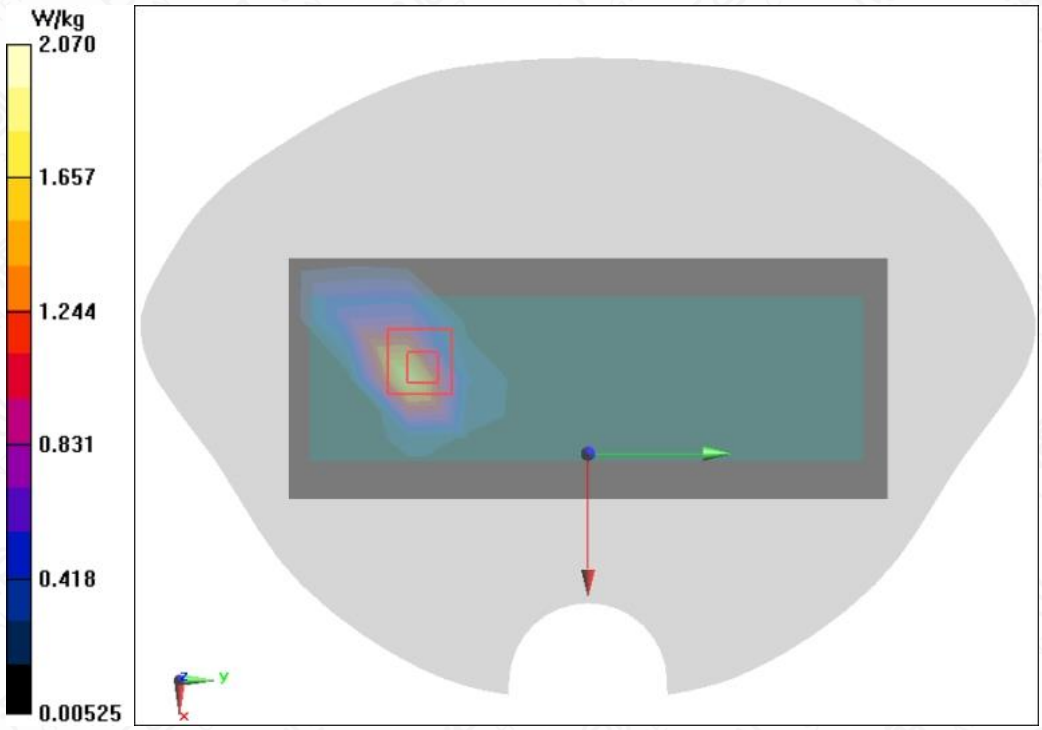


Figure A.1-25 LTE B25 20MHz 1RB 50offset Right Side Mode Middle 0mm

LTE B26 15MHz 1RB 38offset Front Side Mode Middle 5mm

Date/Time: 2025/2/21

Electronics: DAE4 Sn1244

Medium parameters used (interpolated): f = 831.5 MHz; σ = 0.898 S/m; ε_r = 41.865; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.3°C

Communication System: LTE B26 900MHz; Frequency: 831.5 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.19, 10.19, 10.19) @ 831.5 MHz

LTE B26 15MHz 1RB 38offset Front Side Mode Middle 5mm/Area Scan (6x7x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.230 W/kg

LTE B26 15MHz 1RB 38offset Front Side Mode Middle 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.46 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.290 W/kg

SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.138 W/kg

Smallest distance from peaks to all points 3 dB below = 22.7 mm

Ratio of SAR at M2 to SAR at M1 = 68.2%

Maximum value of SAR (measured) = 0.256 W/kg

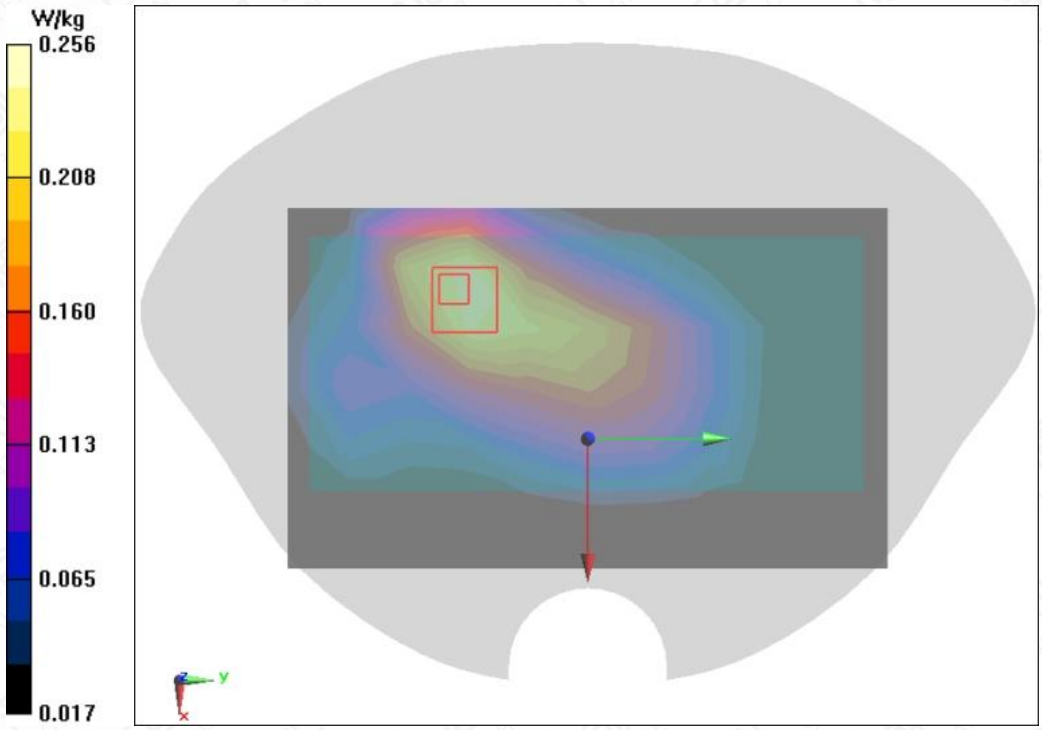


Figure A.1-26 LTE B26 15MHz 1RB 38offset Front Side Mode Middle 5mm

LTE B26 15MHz 1RB 38offset Right Side Mode Middle 5mm

Date/Time: 2025/2/21

Electronics: DAE4 Sn1244

Medium parameters used (interpolated): f = 831.5 MHz; σ = 0.898 S/m; ε_r = 41.865; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.3°C

Communication System: LTE B26 900MHz; Frequency: 831.5 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.19, 10.19, 10.19) @ 831.5 MHz

LTE B26 15MHz 1RB 38offset Right Side Mode Middle 5mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.739 W/kg

LTE B26 15MHz 1RB 38offset Right Side Mode Middle 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.969 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.597 W/kg; SAR(10 g) = 0.317 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 51.6%

Maximum value of SAR (measured) = 0.890 W/kg

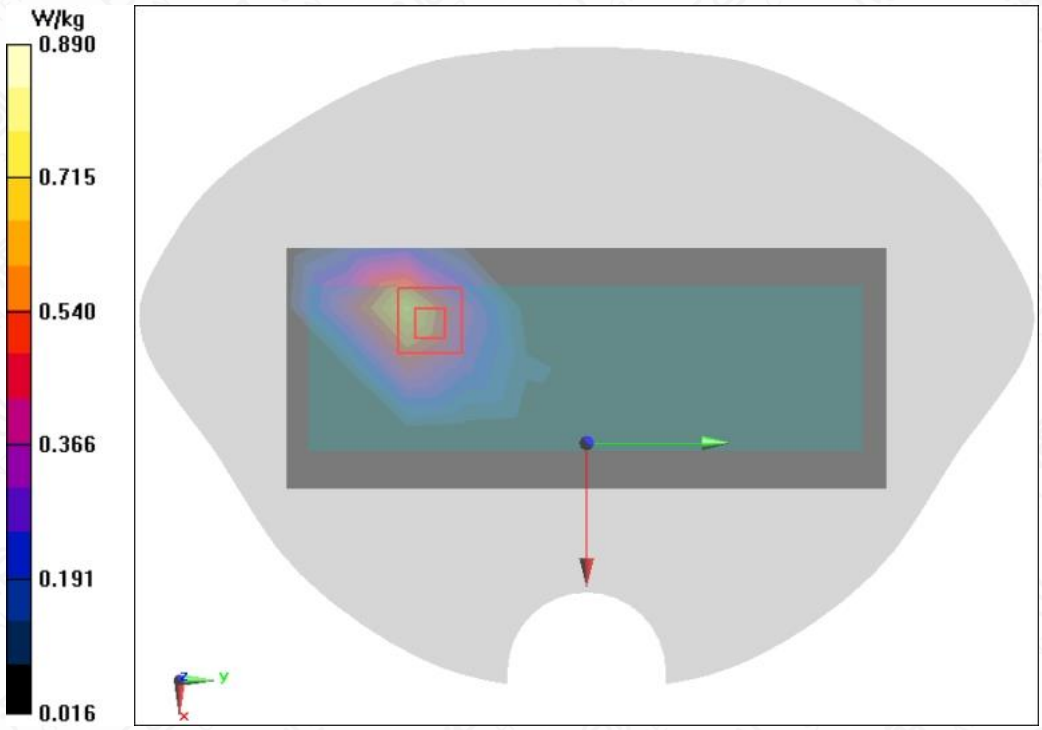


Figure A.1-27 LTE B26 15MHz 1RB 38offset Right Side Mode Middle 5mm

LTE B26 15MHz 1RB 38offset Right Side Mode Middle 0mm

Date/Time: 2025/2/21

Electronics: DAE4 Sn1244

Medium parameters used (interpolated): f = 831.5 MHz; σ = 0.898 S/m; ε_r = 41.865; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.3°C

Communication System: LTE B26 900MHz; Frequency: 831.5 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.19, 10.19, 10.19) @ 831.5 MHz

LTE B26 15MHz 1RB 38offset Right Side Mode Middle 0mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.70 W/kg

LTE B26 15MHz 1RB 38offset Right Side Mode Middle 0mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.521 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.77 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.567 W/kg

Smallest distance from peaks to all points 3 dB below = 6.8 mm

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

Maximum of SAR (measured) = 2.15 W/kg

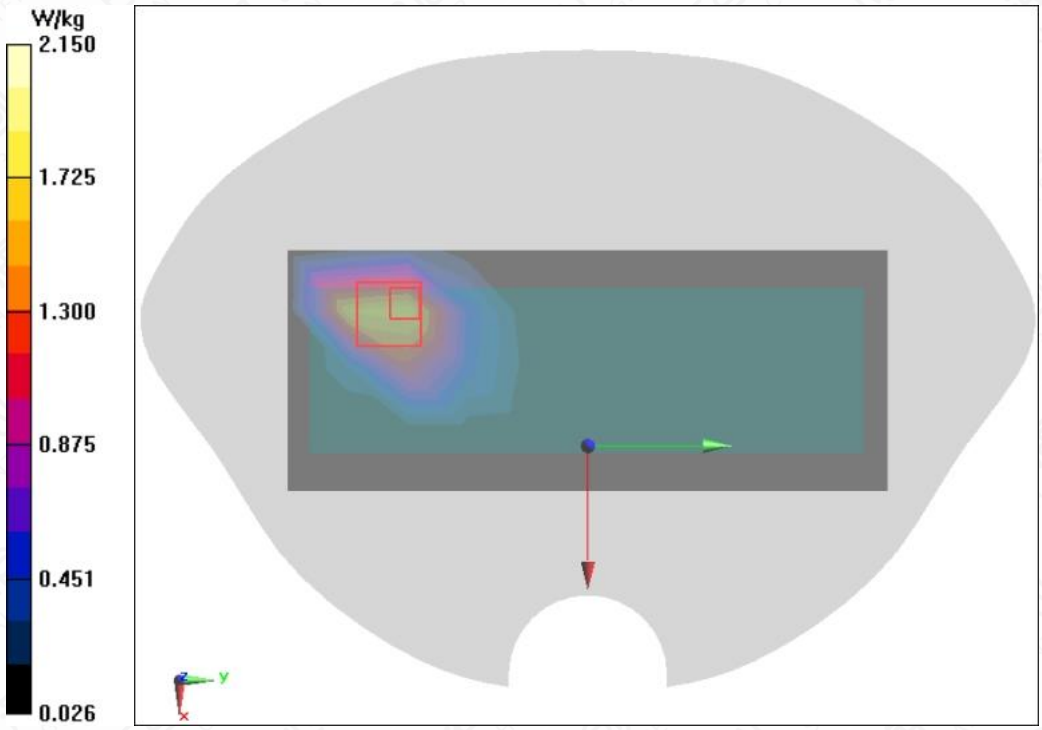


Figure A.1-28 LTE B26 15MHz 1RB 38offset Right Side Mode Middle 0mm

LTE B26 15MHz 1RB 38offset Front Side Mode Middle 5mm

Date/Time: 2025/2/21

Electronics: DAE4 Sn1244

Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.9 S/m; ε_r = 41.85; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.3°C

Communication System: LTE B26 900MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.19, 10.19, 10.19) @ 836.5 MHz

LTE B26 15MHz 1RB 38offset Front Side Mode Middle 5mm/Area Scan (6x7x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.233 W/kg

LTE B26 15MHz 1RB 38offset Front Side Mode Middle 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.52 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.140 W/kg

Smallest distance from peaks to all points 3 dB below = 22.7 mm

Ratio of SAR at M2 to SAR at M1 = 68.2%

Maximum value of SAR (measured) = 0.259 W/kg

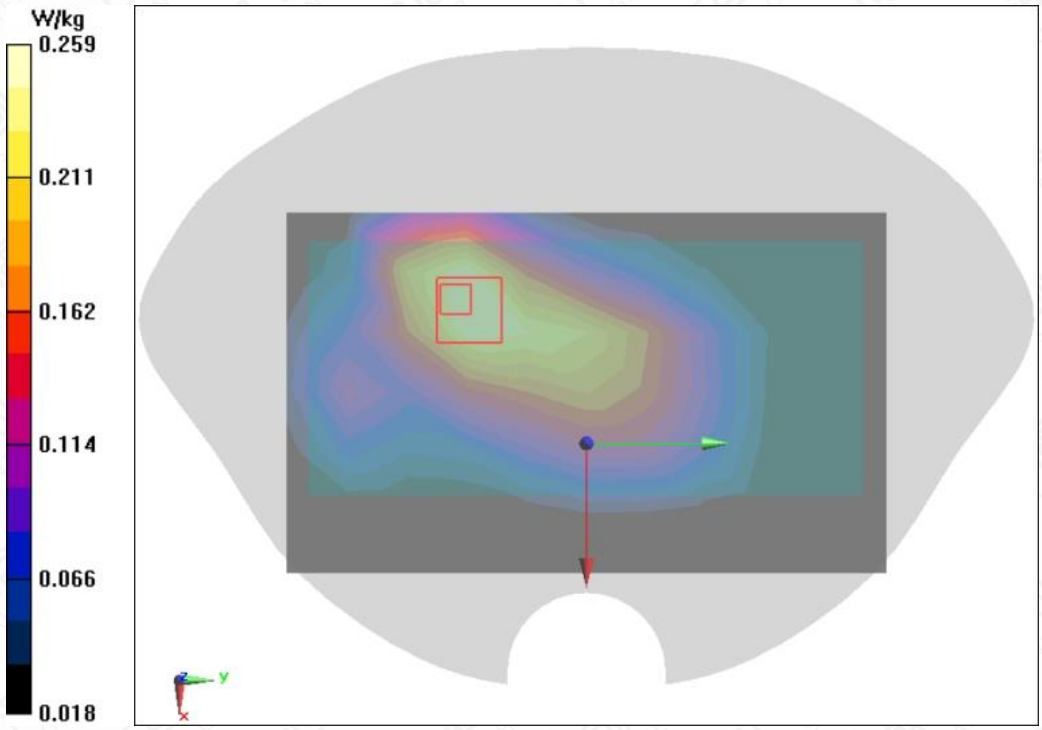


Figure A.1-29 LTE B26 15MHz 1RB 38offset Front Side Mode Middle 5mm

LTE B26 15MHz 36RB 18offset Right Side Mode Low 5mm

Date/Time: 2025/2/21

Electronics: DAE4 Sn1244

Medium parameters used (interpolated): f = 831.5 MHz; σ = 0.898 S/m; ε_r = 41.865; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.3°C

Communication System: LTE B26 900MHz; Frequency: 831.5 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.19, 10.19, 10.19) @ 831.5 MHz

LTE B26 15MHz 36RB 18offset Right Side Mode Low 5mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.718 W/kg

LTE B26 15MHz 36RB 18offset Right Side Mode Low 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.898 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.586 W/kg; SAR(10 g) = 0.310 W/kg

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

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

Maximum value of SAR (measured) = 0.882 W/kg

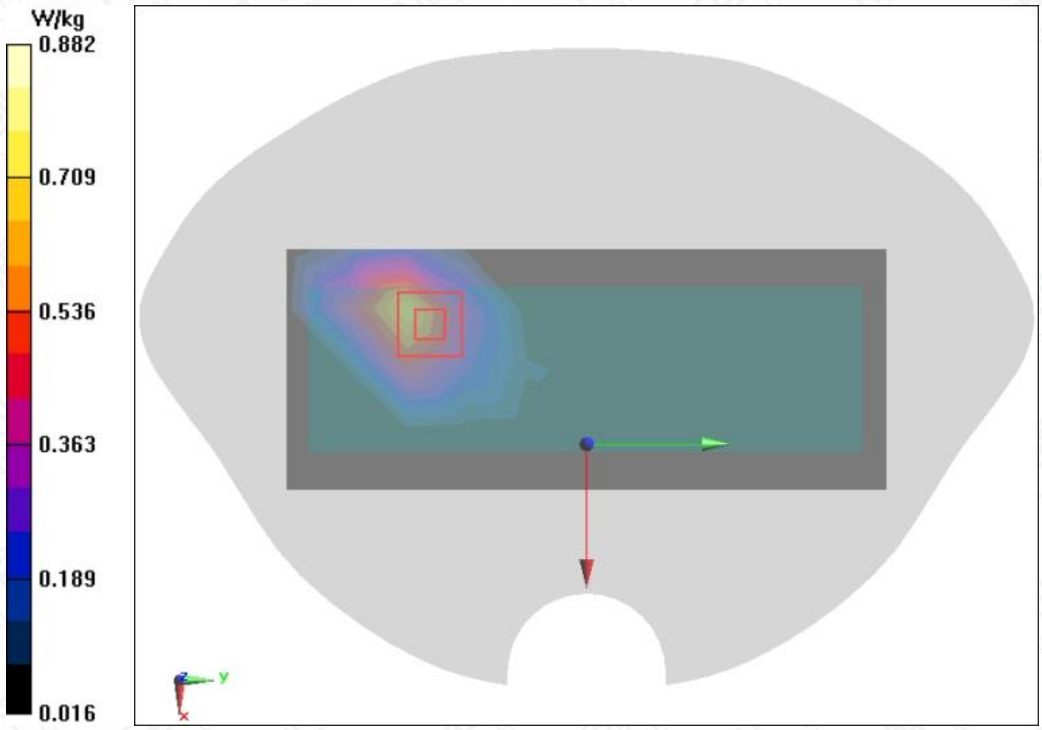


Figure A.1-30 LTE B26 15MHz 36RB 18offset Right Side Mode Low 5mm

LTE B26 15MHz 36RB 18offset Right Side Mode High 0mm

Date/Time: 2025/2/21

Electronics: DAE4 Sn1244

Medium parameters used (interpolated): f = 841.5 MHz; σ = 0.902 S/m; ε_r = 41.837; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.3°C

Communication System: LTE B26 900MHz; Frequency: 841.5 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.19, 10.19, 10.19) @ 841.5 MHz

LTE B26 15MHz 36RB 18offset Right Side Mode High 0mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.87 W/kg

LTE B26 15MHz 36RB 18offset Right Side Mode High 0mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.170 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 3.20 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.627 W/kg

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

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

Maximum of SAR (measured) = 2.39 W/kg

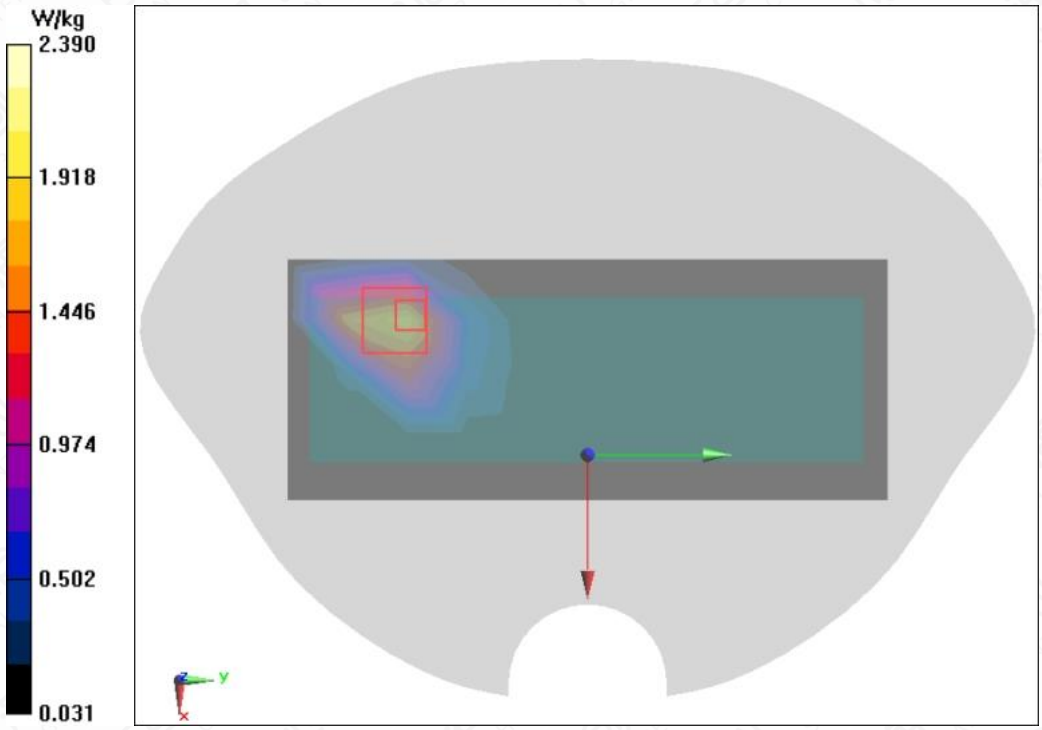


Figure A.1-31 LTE B26 15MHz 36RB 18offset Right Side Mode High 0mm

LTE B30 10MHz 1RB 25offset Front Side Mode Middle 5mm

Date/Time: 2025/2/23

Electronics: DAE4 Sn1244

Medium parameters used: f = 2310 MHz; σ = 1.679 S/m; ε_r = 37.847; ρ = 1000 kg/m^3

Ambient Temperature:21.3°C Liquid Temperature:20.2°C

Communication System: LTE B30 2300MHz; Frequency: 2310 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.32, 8.32, 8.32) @ 2310 MHz

LTE B30 10MHz 1RB 25offset Front Side Mode Middle 5mm/Area Scan (7x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.458 W/kg

LTE B30 10MHz 1RB 25offset Front Side Mode Middle 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.736 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.782 W/kg

SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.195 W/kg

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

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

Maximum of SAR (measured) = 0.629 W/kg

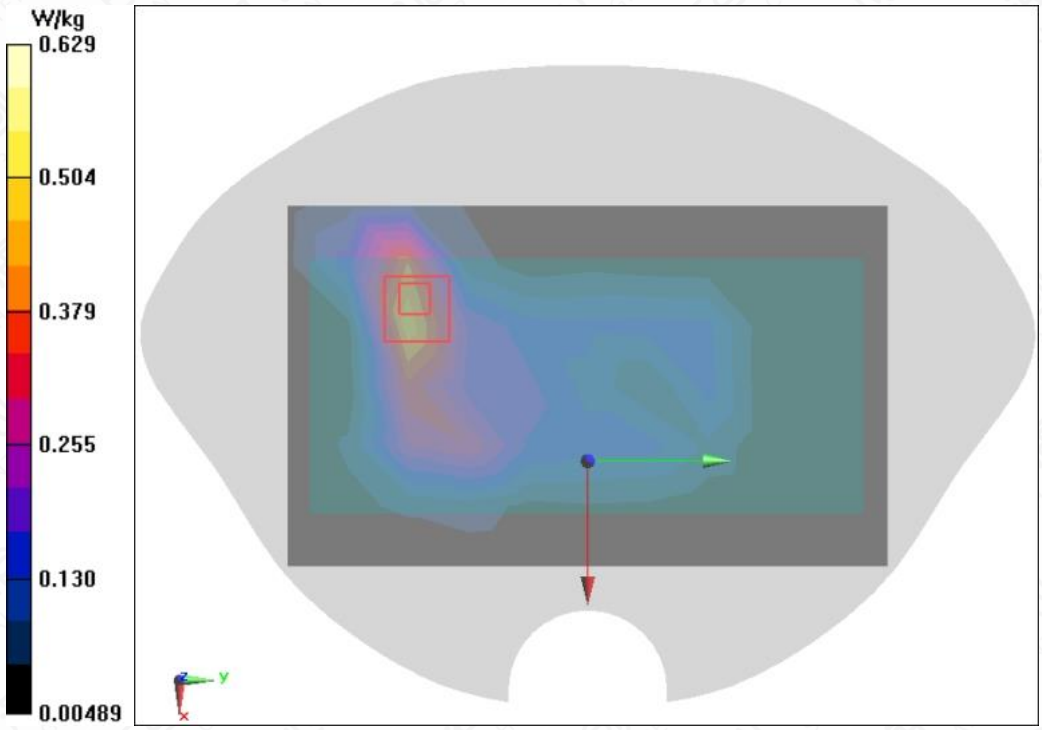


Figure A.1-32 LTE B30 10MHz 1RB 25offset Front Side Mode Middle 5mm

LTE B30 10MHz 1RB 25offset Right Side Mode Middle 5mm

Date/Time: 2025/2/23

Electronics: DAE4 Sn1244

Medium parameters used: f = 2310 MHz; σ = 1.679 S/m; ε_r = 37.847; ρ = 1000 kg/m^3

Ambient Temperature:21.3°C Liquid Temperature:20.2°C

Communication System: LTE B30 2300MHz; Frequency: 2310 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.32, 8.32, 8.32) @ 2310 MHz

LTE B30 10MHz 1RB 25offset Right Side Mode Middle 5mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.836 W/kg

LTE B30 10MHz 1RB 25offset Right Side Mode Middle 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.035 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.525 W/kg; SAR(10 g) = 0.253 W/kg

Smallest distance from peaks to all points 3 dB below = 6.6 mm

Ratio of SAR at M2 to SAR at M1 = 42.1%

Maximum of SAR (measured) = 0.847 W/kg

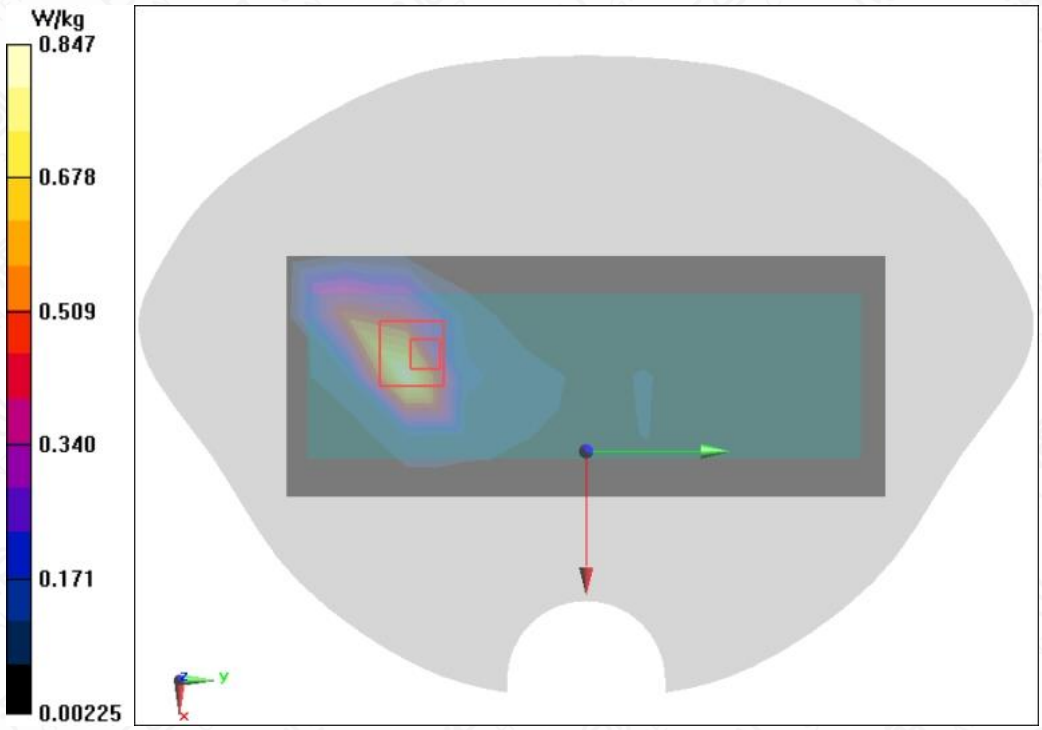


Figure A.1-33 LTE B30 10MHz 1RB 25offset Right Side Mode Middle 5mm

LTE B30 10MHz 1RB 25offset Right Side Mode Middle 16mm

Date/Time: 2025/2/23

Electronics: DAE4 Sn1244

Medium parameters used: f = 2310 MHz; σ = 1.679 S/m; ε_r = 37.847; ρ = 1000 kg/m^3

Ambient Temperature:21.3°C Liquid Temperature:20.2°C

Communication System: LTE B30 2300MHz; Frequency: 2310 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.32, 8.32, 8.32) @ 2310 MHz

LTE B30 10MHz 1RB 25offset Right Side Mode Middle 16mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.724 W/kg

LTE B30 10MHz 1RB 25offset Right Side Mode Middle 16mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.846 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.931 W/kg

SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.322 W/kg

Smallest distance from peaks to all points 3 dB below = 15.1 mm

Ratio of SAR at M2 to SAR at M1 = 60.2%

Maximum value of SAR (measured) = 0.788 W/kg

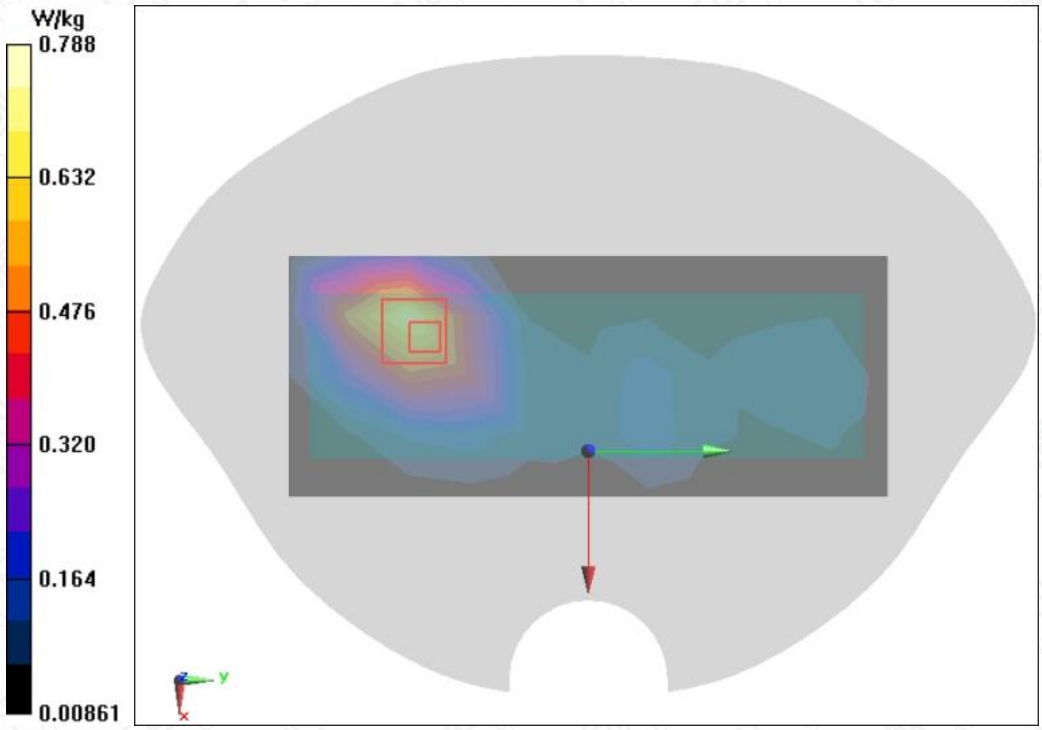


Figure A.1-34 LTE B30 10MHz 1RB 25offset Right Side Mode Middle 16mm

LTE B30 10MHz 1RB 25offset Right Side Mode Middle 0mm

Date/Time: 2025/2/23

Electronics: DAE4 Sn1244

Medium parameters used: f = 2310 MHz; σ = 1.679 S/m; ε_r = 37.847; ρ = 1000 kg/m^3

Ambient Temperature:21.3°C Liquid Temperature:20.2°C

Communication System: LTE B30 2300MHz; Frequency: 2310 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.32, 8.32, 8.32) @ 2310 MHz

LTE B30 10MHz 1RB 25offset Right Side Mode Middle 0mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.72 W/kg

LTE B30 10MHz 1RB 25offset Right Side Mode Middle 0mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.260 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.97 W/kg

SAR(1 g) = 1.39 W/kg; SAR(10 g) = 0.517 W/kg

Smallest distance from peaks to all points 3 dB below = 6.8 mm

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

Maximum of SAR (measured) = 2.59 W/kg

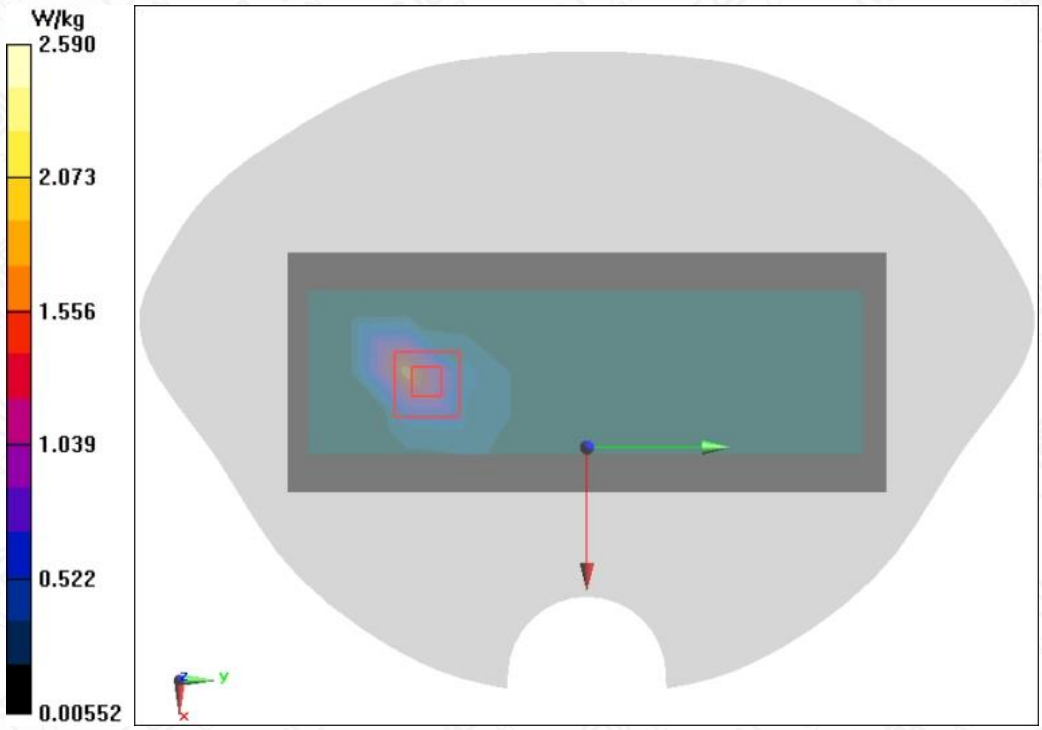


Figure A.1-35 LTE B30 10MHz 1RB 25offset Right Side Mode Middle 0mm

LTE B38 20MHz 1RB 50offset Front Side Mode High 5mm

Date/Time: 2025/2/25

Electronics: DAE4 Sn1244

Medium parameters used: f = 2610 MHz; σ = 1.972 S/m; ε_r = 37.499; ρ = 1000 kg/m^3

Ambient Temperature:21.3°C Liquid Temperature:20.4°C

Communication System: LTE B38 2450MHz; Frequency: 2610 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(7.85, 7.85, 7.85) @ 2610 MHz

LTE B38 20MHz 1RB 50offset Front Side Mode High 5mm/Area Scan (7x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.381 W/kg

LTE B38 20MHz 1RB 50offset Front Side Mode High 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.450 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.666 W/kg

SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.147 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 49.8%

Maximum value of SAR (measured) = 0.533 W/kg

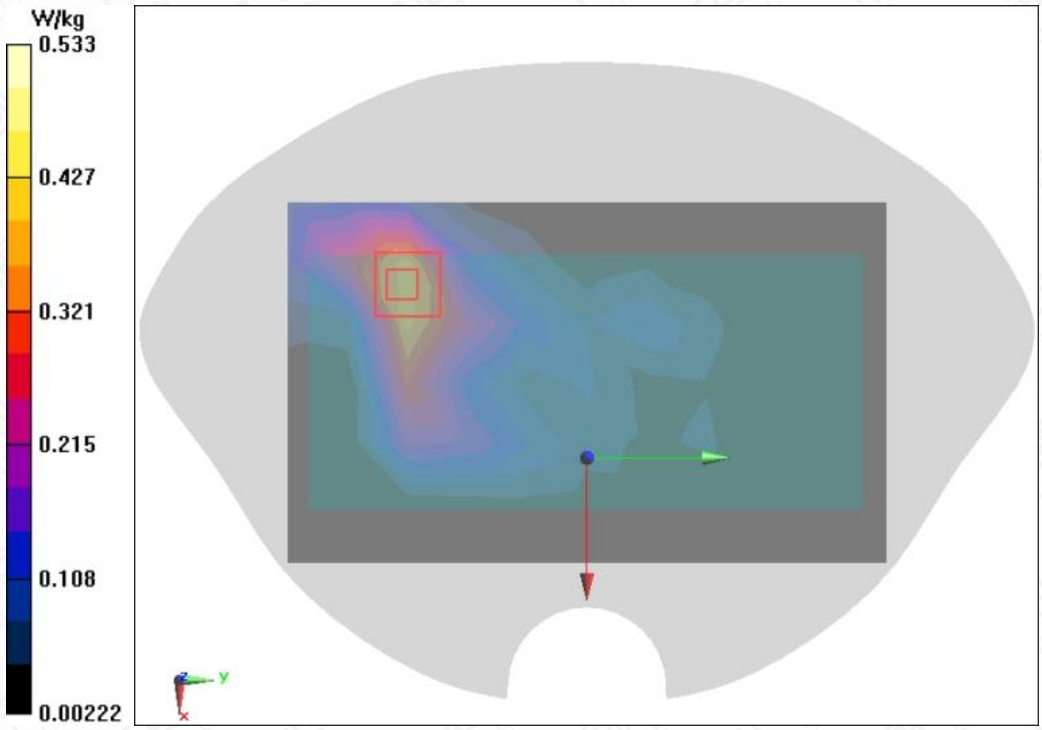


Figure A.1-36 LTE B38 20MHz 1RB 50offset Front Side Mode High 5mm

LTE B38 20MHz 1RB 50offset Right Side Mode High 5mm

Date/Time: 2025/2/25

Electronics: DAE4 Sn1244

Medium parameters used: f = 2610 MHz; σ = 1.972 S/m; ε_r = 37.499; ρ = 1000 kg/m^3

Ambient Temperature:21.3°C Liquid Temperature:20.4°C

Communication System: LTE B38 2450MHz; Frequency: 2610 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(7.85, 7.85, 7.85) @ 2610 MHz

LTE B38 20MHz 1RB 50offset Right Side Mode High 5mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.786 W/kg

LTE B38 20MHz 1RB 50offset Right Side Mode High 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.374 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.505 W/kg; SAR(10 g) = 0.218 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 41.6%

Maximum value of SAR (measured) = 0.950 W/kg

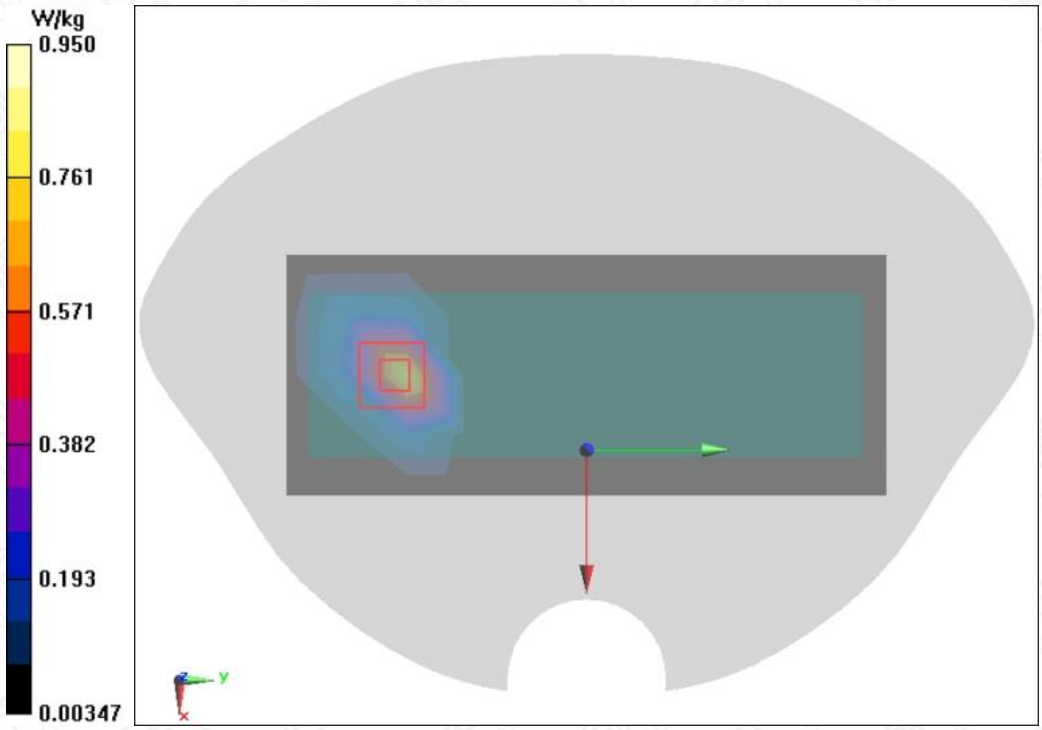


Figure A.1-37 LTE B38 20MHz 1RB 50offset Right Side Mode High 5mm

LTE B38 20MHz 1RB 50offset Right Side Mode High 0mm

Date/Time: 2025/2/25

Electronics: DAE4 Sn1244

Medium parameters used: f = 2610 MHz; σ = 1.972 S/m; ε_r = 37.499; ρ = 1000 kg/m^3

Ambient Temperature:21.3°C Liquid Temperature:20.4°C

Communication System: LTE B38 2450MHz; Frequency: 2610 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(7.85, 7.85, 7.85) @ 2610 MHz

LTE B38 20MHz 1RB 50offset Right Side Mode High 0mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.84 W/kg

LTE B38 20MHz 1RB 50offset Right Side Mode High 0mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.682 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 2.93 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.451 W/kg

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

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

Maximum of SAR (measured) = 2.17 W/kg

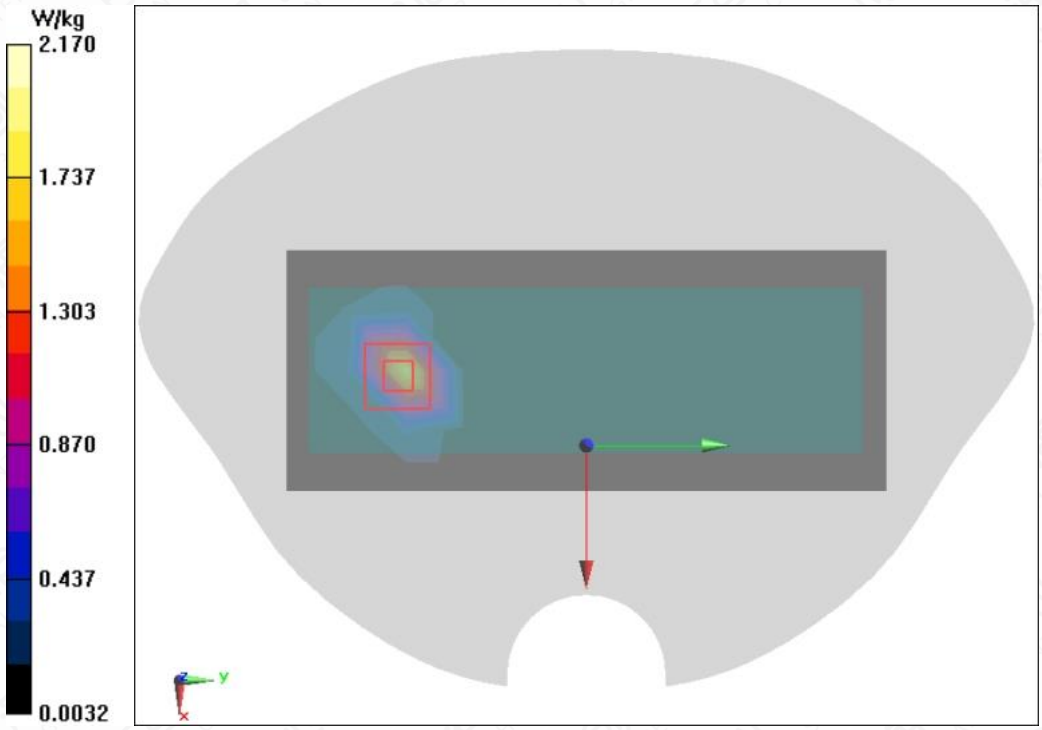


Figure A.1-38 LTE B38 20MHz 1RB 50offset Right Side Mode High 0mm

LTE B41 20MHz 1RB 50offset Front Side Mode Low 5mm

Date/Time: 2025/2/25

Electronics: DAE4 Sn1244

Medium parameters used: f = 2510 MHz; σ = 1.893 S/m; ε_r = 37.665; ρ = 1000 kg/m^3

Ambient Temperature:21.3°C Liquid Temperature:20.4°C

Communication System: LTE B41 2450MHz; Frequency: 2510 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.05, 8.05, 8.05) @ 2510 MHz

LTE B41 20MHz 1RB 50offset Front Side Mode Low 5mm/Area Scan (7x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.295 W/kg

LTE B41 20MHz 1RB 50offset Front Side Mode Low 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.555 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.523 W/kg

SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.127 W/kg

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

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

Maximum value of SAR (measured) = 0.402 W/kg

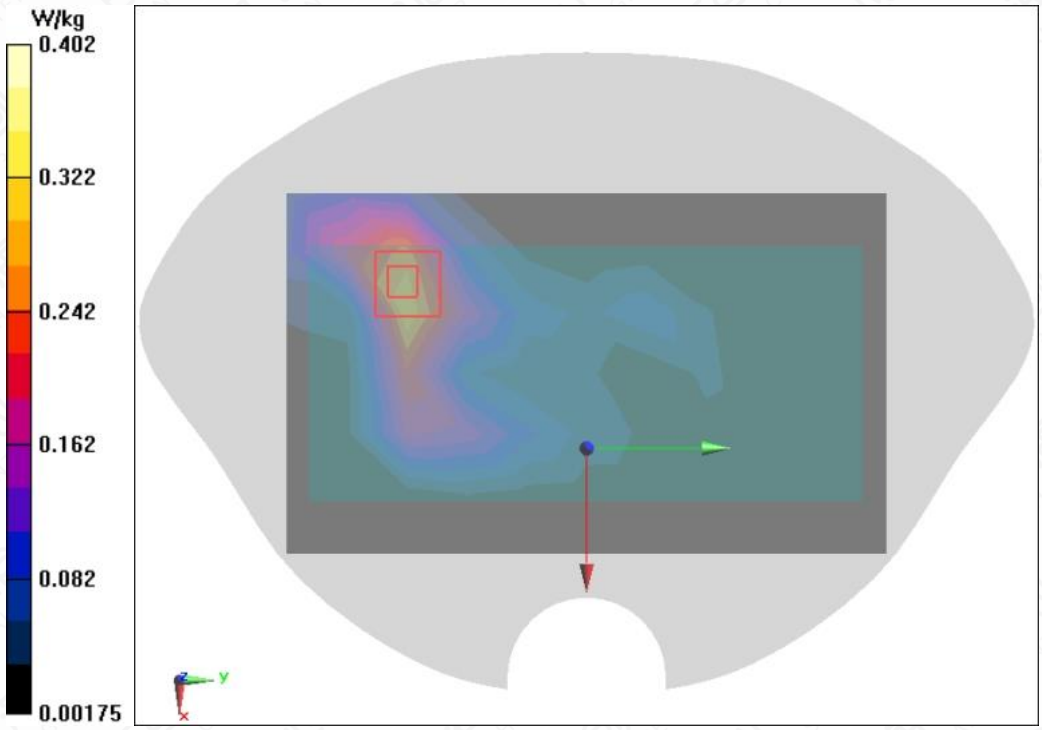


Figure A.1-39 LTE B41 20MHz 1RB 50offset Front Side Mode Low 5mm

LTE B41 20MHz 1RB 50offset Right Side Mode Middle 5mm

Date/Time: 2025/2/25

Electronics: DAE4 Sn1244

Medium parameters used: f = 2593 MHz; σ = 1.958 S/m; ε_r = 37.529; ρ = 1000 kg/m^3

Ambient Temperature:21.3°C Liquid Temperature:20.4°C

Communication System: LTE B41 2450MHz; Frequency: 2593 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(7.85, 7.85, 7.85) @ 2593 MHz

LTE B41 20MHz 1RB 50offset Right Side Mode Middle 5mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.670 W/kg

LTE B41 20MHz 1RB 50offset Right Side Mode Middle 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.704 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.210 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 42.5%

Maximum value of SAR (measured) = 0.885 W/kg

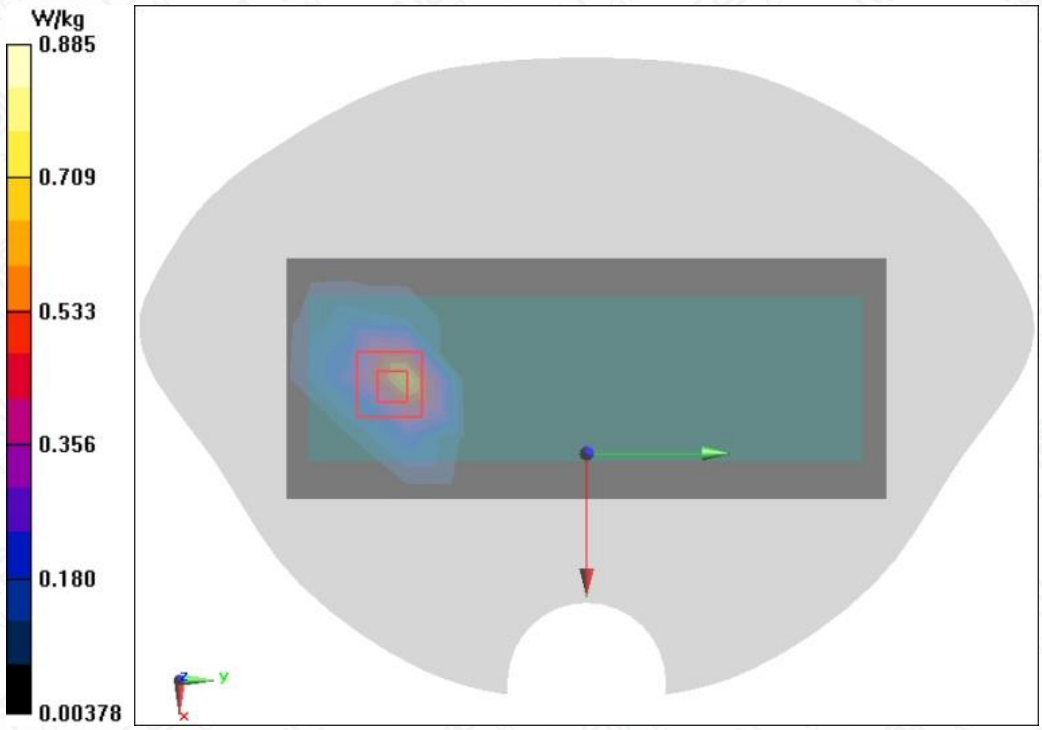


Figure A.1-40 LTE B41 20MHz 1RB 50offset Right Side Mode Middle 5mm

LTE B41 20MHz 1RB 50offset Right Side Mode High 0mm

Date/Time: 2025/2/25

Electronics: DAE4 Sn1244

Medium parameters used: f = 2680 MHz; σ = 2.03 S/m; ε_r = 37.368; ρ = 1000 kg/m^3

Ambient Temperature:21.3°C Liquid Temperature:20.4°C

Communication System: LTE B41 2450MHz; Frequency: 2680 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(7.85, 7.85, 7.85) @ 2680 MHz

LTE B41 20MHz 1RB 50offset Right Side Mode High 0mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.83 W/kg

LTE B41 20MHz 1RB 50offset Right Side Mode High 0mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.963 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.35 W/kg

SAR(1 g) = 1.32 W/kg; SAR(10 g) = 0.516 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 37.9%

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

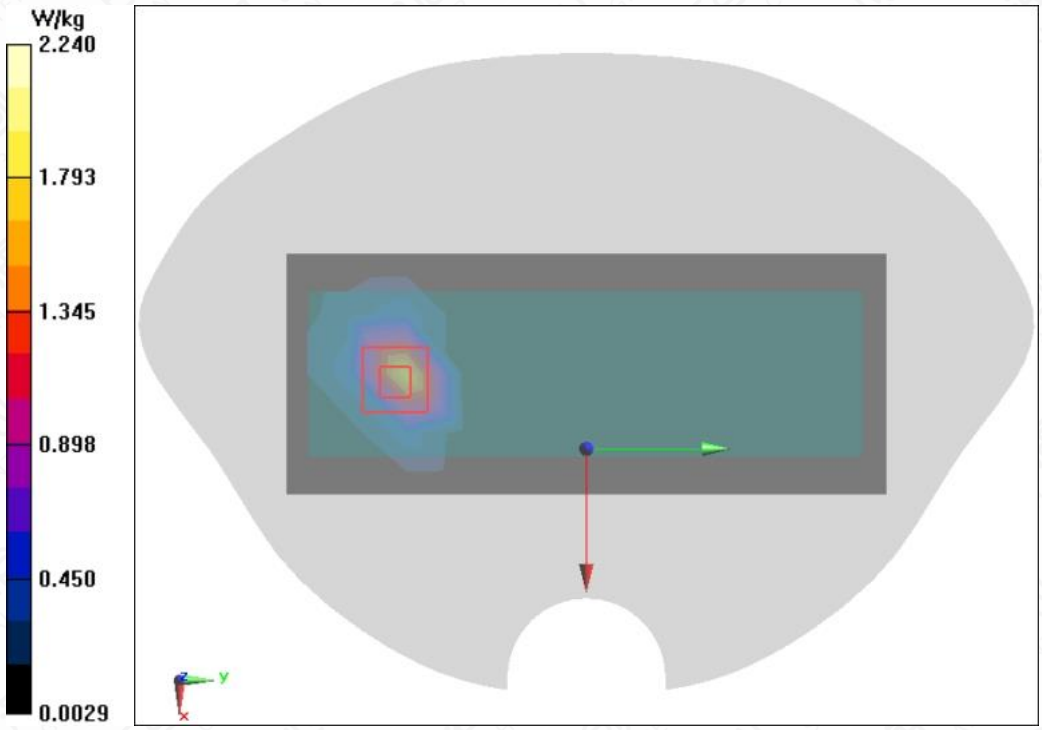


Figure A.1-41 LTE B41 20MHz 1RB 50offset Right Side Mode High 0mm

LTE B66 20MHz 1RB 50offset Front Side Mode Middle 5mm

Date/Time: 2025/2/19

Electronics: DAE4 Sn1244

Medium parameters used: f = 1745 MHz; σ = 1.32 S/m; ε_r = 39.199; ρ = 1000 kg/m^3

Ambient Temperature:21.5°C Liquid Temperature:20.6°C

Communication System: LTE B66 1900MHz; Frequency: 1745 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.86, 8.86, 8.86) @ 1745 MHz

LTE B66 20MHz 1RB 50offset Front Side Mode Middle 5mm/Area Scan (7x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.775 W/kg

LTE B66 20MHz 1RB 50offset Front Side Mode Middle 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.792 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.982 W/kg

SAR(1 g) = 0.596 W/kg; SAR(10 g) = 0.360 W/kg

Smallest distance from peaks to all points 3 dB below = 17.3 mm

Ratio of SAR at M2 to SAR at M1 = 61.3%

Maximum value of SAR (measured) = 0.822 W/kg

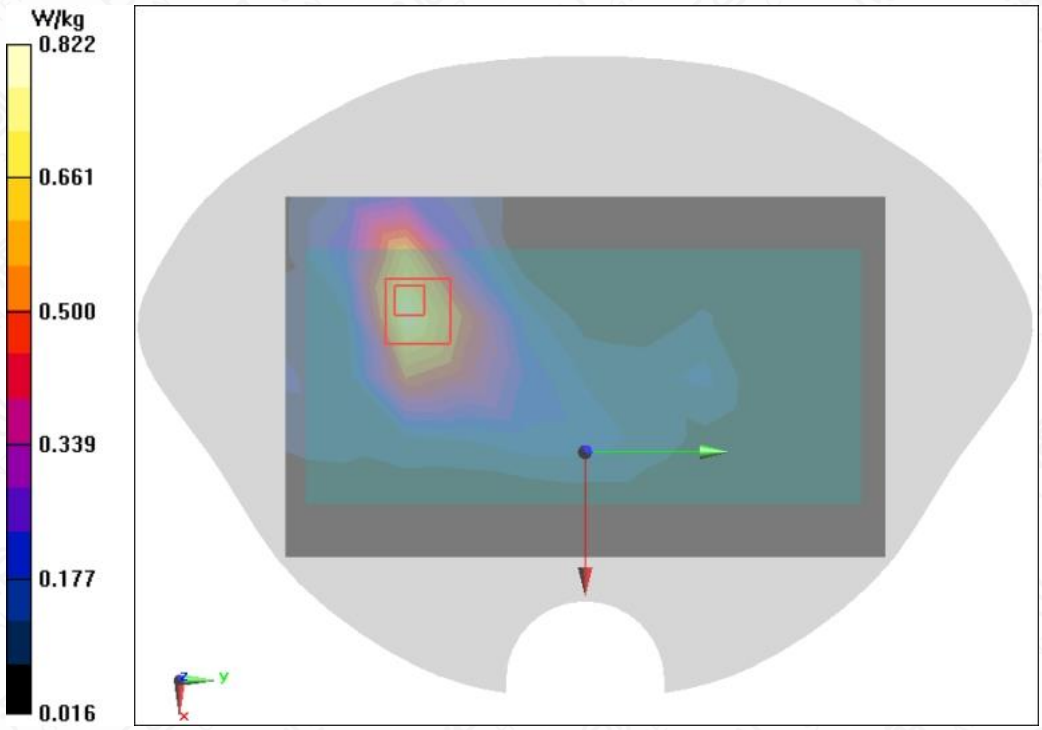


Figure A.1-42 LTE B66 20MHz 1RB 50offset Front Side Mode Middle 5mm

LTE B66 20MHz 1RB 50offset Right Side Mode High 0mm

Date/Time: 2025/2/19

Electronics: DAE4 Sn1244

Medium parameters used: f = 1770 MHz; σ = 1.333 S/m; ε_r = 39.161; ρ = 1000 kg/m^3

Ambient Temperature:21.5°C Liquid Temperature:20.6°C

Communication System: LTE B66 1900MHz; Frequency: 1770 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.86, 8.86, 8.86) @ 1770 MHz

LTE B66 20MHz 1RB 50offset Right Side Mode High 0mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 2.91 W/kg

LTE B66 20MHz 1RB 50offset Right Side Mode High 0mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.109 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.62 W/kg

SAR(1 g) = 1.65 W/kg; SAR(10 g) = 0.795 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 46.5%

Maximum value of SAR (measured) = 2.66 W/kg

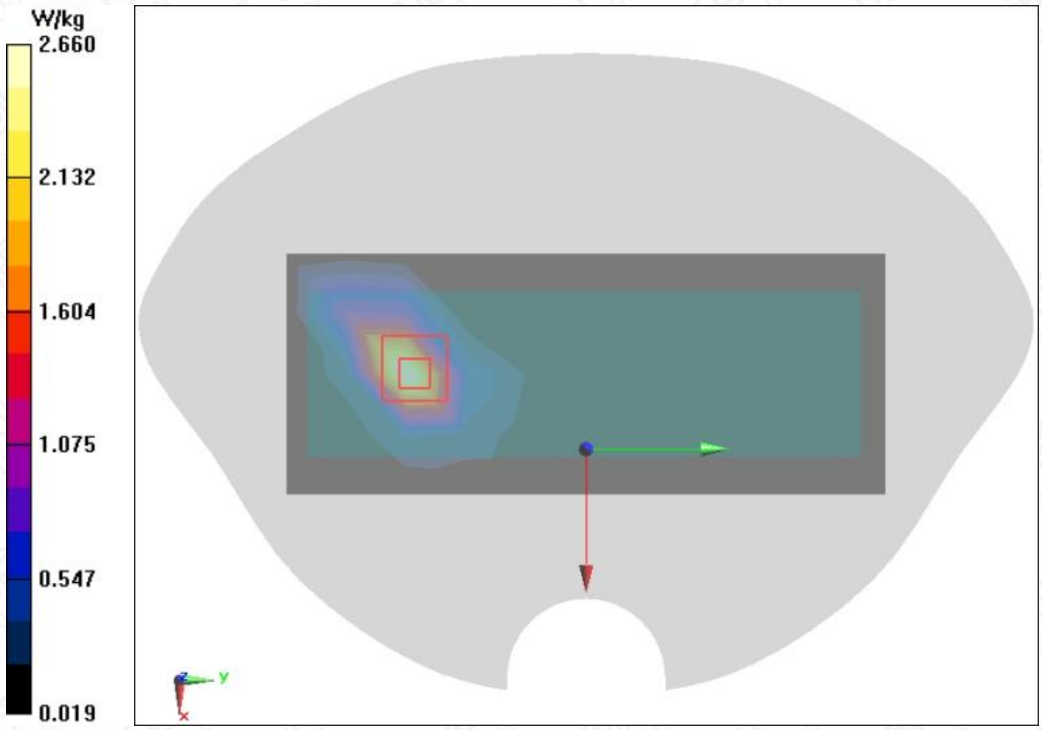


Figure A.1-43 LTE B66 20MHz 1RB 50offset Right Side Mode High 0mm

LTE B71 20MHz 1RB 50offset Front Side Mode Middle 5mm

Date/Time: 2025/2/25

Electronics: DAE4 Sn1244

Medium parameters used: f = 683 MHz; σ = 0.874 S/m; ε_r = 42.543; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.3°C

Communication System: LTE B71 900MHz; Frequency: 683 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.6, 10.6, 10.6) @ 683 MHz

LTE B71 20MHz 1RB 50offset Front Side Mode Middle 5mm/Area Scan (7x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.318 W/kg

LTE B71 20MHz 1RB 50offset Front Side Mode Middle 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.77 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.179 W/kg

Smallest distance from peaks to all points 3 dB below = 15.8 mm

Ratio of SAR at M2 to SAR at M1 = 67%

Maximum value of SAR (measured) = 0.344 W/kg

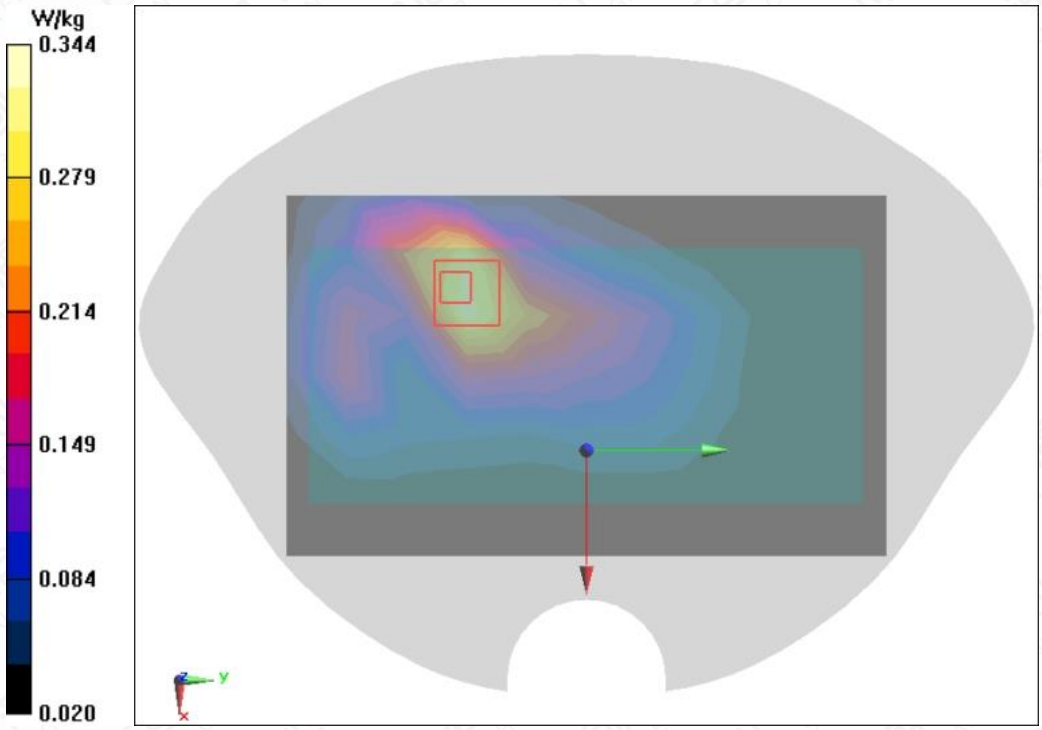


Figure A.1-44 LTE B71 20MHz 1RB 50offset Front Side Mode Middle 5mm

LTE B71 20MHz 1RB 50offset Right Side Mode Low 5mm

Date/Time: 2025/2/25

Electronics: DAE4 Sn1244

Medium parameters used: f = 673 MHz; σ = 0.873 S/m; ε_r = 42.596; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.3°C

Communication System: LTE B71 900MHz; Frequency: 673 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.6, 10.6, 10.6) @ 673 MHz

LTE B71 20MHz 1RB 50offset Right Side Mode Low 5mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.602 W/kg

LTE B71 20MHz 1RB 50offset Right Side Mode Low 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.01 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.856 W/kg

SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.247 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 52.5%

Maximum of SAR (measured) = 0.642 W/kg

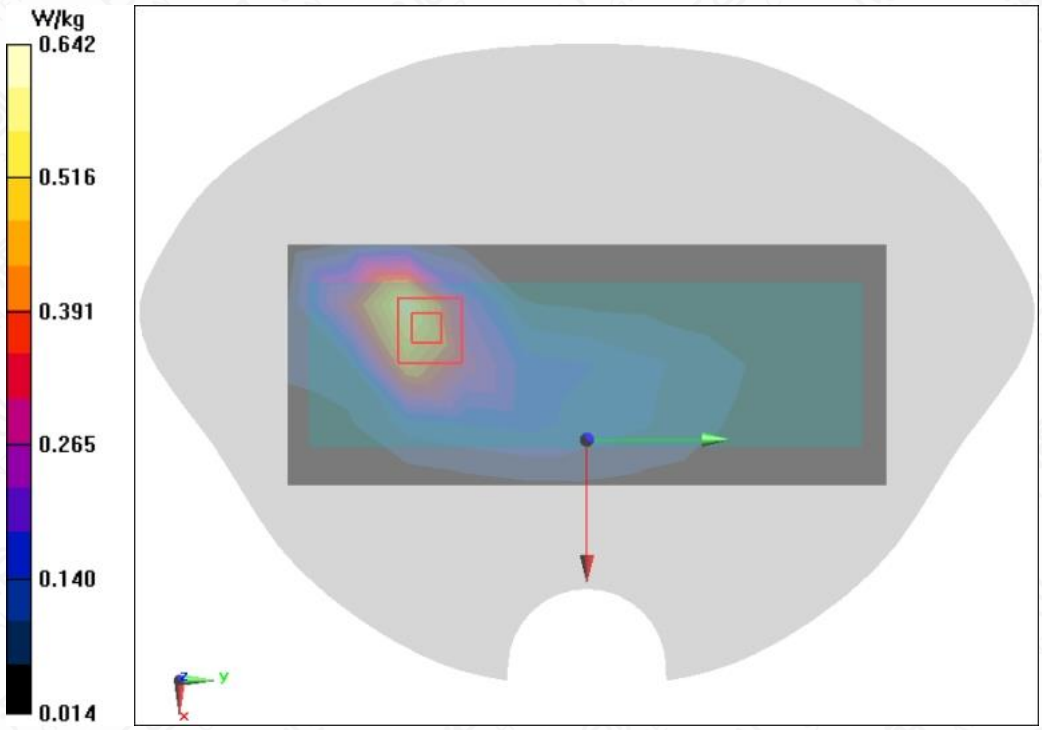


Figure A.1-45 LTE B71 20MHz 1RB 50offset Right Side Mode Low 5mm

LTE B71 20MHz 1RB 50offset Right Side Mode Low 0mm

Date/Time: 2025/2/25

Electronics: DAE4 Sn1244

Medium parameters used: f = 673 MHz; σ = 0.873 S/m; ε_r = 42.596; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.3°C

Communication System: LTE B71 900MHz; Frequency: 673 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.6, 10.6, 10.6) @ 673 MHz

LTE B71 20MHz 1RB 50offset Right Side Mode Low 0mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.947 W/kg

LTE B71 20MHz 1RB 50offset Right Side Mode Low 0mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.17 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.584 W/kg; SAR(10 g) = 0.295 W/kg

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

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

Maximum of SAR (measured) = 0.920 W/kg

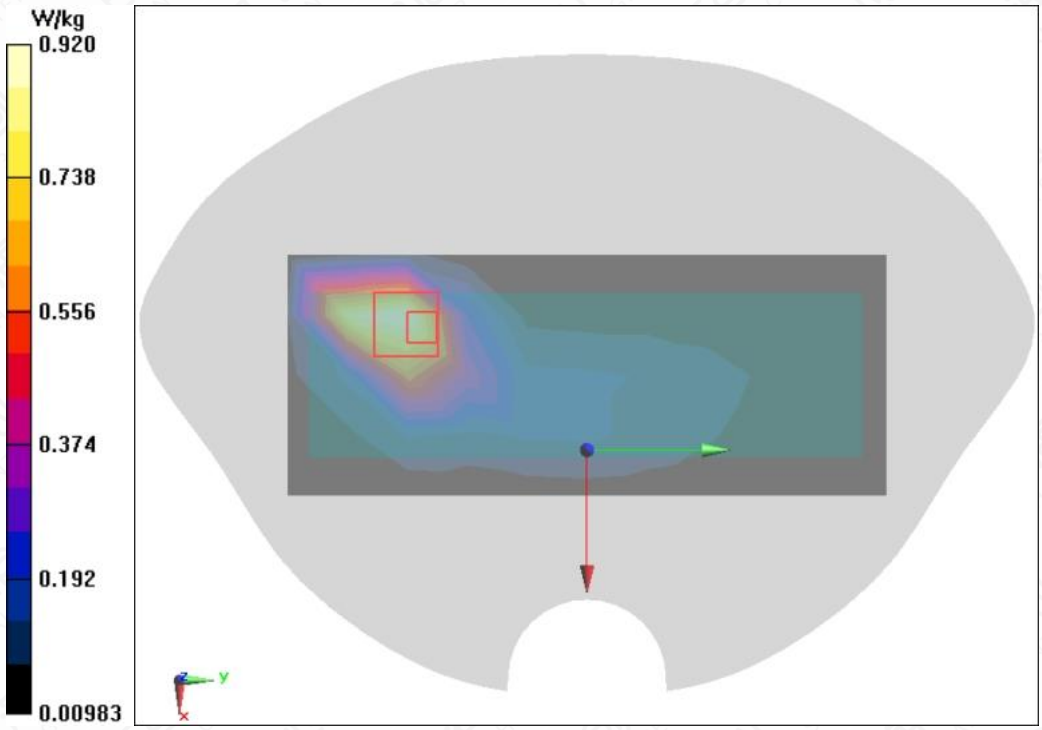


Figure A.1-46 LTE B71 20MHz 1RB 50offset Right Side Mode Low 0mm

Wi-Fi 2.4G 802.11b Back Side Mode Low 5mm

Date/Time: 2025/2/24

Electronics: DAE4 Sn1244

Medium parameters used: f = 2412 MHz; σ = 1.82 S/m; ε_r = 37.862; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.4°C

Communication System: WLan 2450MHz; Frequency: 2412 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.05, 8.05, 8.05) @ 2412 MHz

Wi-Fi 2.4G 802.11b Back Side Mode Low 5mm/Area Scan (7x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.184 W/kg

Wi-Fi 2.4G 802.11b Back Side Mode Low 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.210 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.226 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.075 W/kg

Smallest distance from peaks to all points 3 dB below = 25 mm

Ratio of SAR at M2 to SAR at M1 = 55.7%

Maximum value of SAR (measured) = 0.186 W/kg

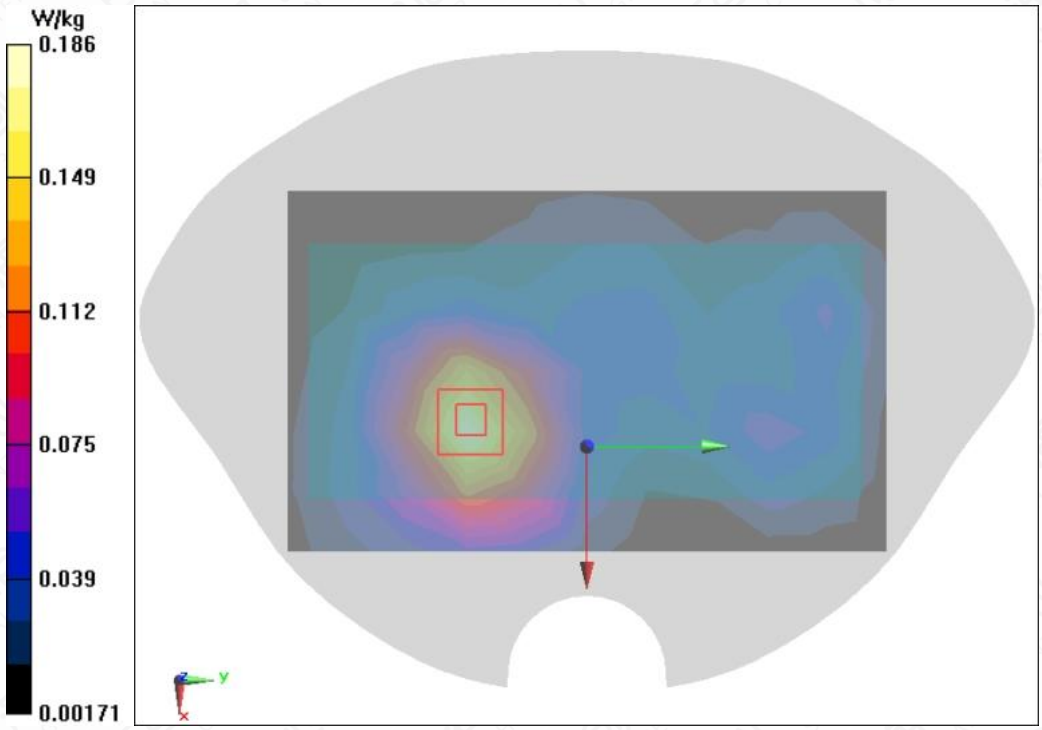


Figure A.1-47 Wi-Fi 2.4G 802.11b Back Side Mode Low 5mm

Wi-Fi 2.4G 802.11b Right Side Mode Middle 5mm

Date/Time: 2025/2/24

Electronics: DAE4 Sn1244

Medium parameters used: f = 2437 MHz; σ = 1.839 S/m; ε_r = 37.808; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.4°C

Communication System: WLan 2450MHz; Frequency: 2437 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.05, 8.05, 8.05) @ 2437 MHz

Wi-Fi 2.4G 802.11b Right Side Mode Middle 5mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.781 W/kg

Wi-Fi 2.4G 802.11b Right Side Mode Middle 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.579 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.666 W/kg; SAR(10 g) = 0.295 W/kg

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 42.5%

Maximum of SAR (measured) = 1.13 W/kg

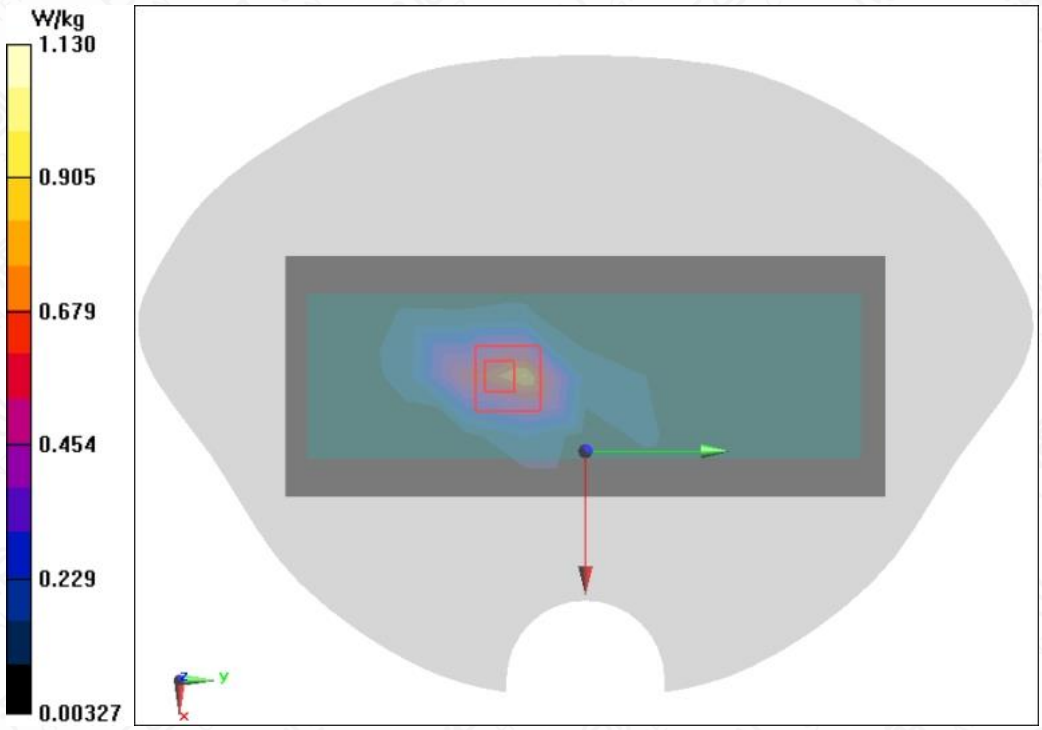


Figure A.1-48 Wi-Fi 2.4G 802.11b Right Side Mode Middle 5mm

Wi-Fi 2.4G 802.11b Right Side Mode Middle 0mm

Date/Time: 2025/2/24

Electronics: DAE4 Sn1244

Medium parameters used: f = 2437 MHz; σ = 1.839 S/m; ε_r = 37.808; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.4°C

Communication System: WLan 2450MHz; Frequency: 2437 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.05, 8.05, 8.05) @ 2437 MHz

Wi-Fi 2.4G 802.11b Right Side Mode Middle 0mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.828 W/kg

Wi-Fi 2.4G 802.11b Right Side Mode Middle 0mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.633 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.28 W/kg

SAR(1 g) = 0.862 W/kg; SAR(10 g) = 0.347 W/kg

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 38.6%

Maximum of SAR (measured) = 1.50 W/kg

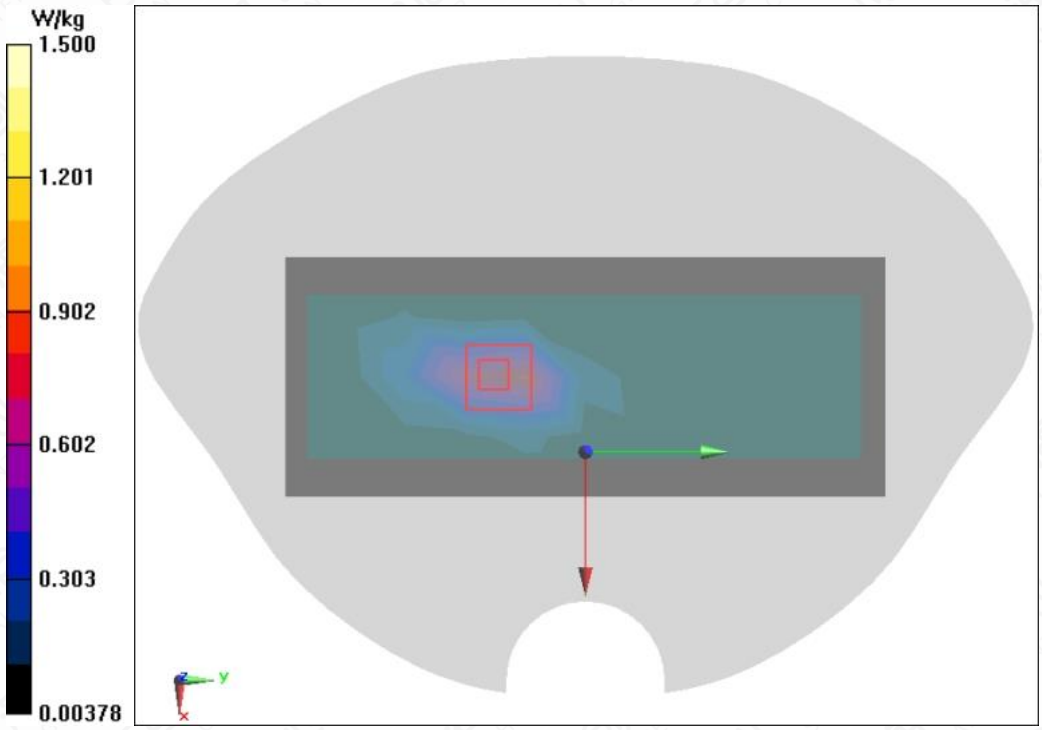


Figure A.1-49 Wi-Fi 2.4G 802.11b Right Side Mode Middle 0mm

Wi-Fi 5G 802.11a Back Side Mode Low 5mm

Date/Time: 2025/2/26

Electronics: DAE4 Sn1244

Medium parameters used: f = 5180 MHz; σ = 4.711 S/m; ε_r = 36.147; ρ = 1000 kg/m^3

Ambient Temperature:21.6°C Liquid Temperature:20.5°C

Communication System: 5G-U-NII-1; Frequency: 5180 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.75, 5.75, 5.75) @ 5180 MHz

Wi-Fi 5G 802.11a Back Side Mode Low 5mm/Area Scan (7x11x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.144 W/kg

Wi-Fi 5G 802.11a Back Side Mode Low 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.559 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.306 W/kg

SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.034 W/kg

Smallest distance from peaks to all points 3 dB below = 18.7 mm

Ratio of SAR at M2 to SAR at M1 = 33.8%

Maximum value of SAR (measured) = 0.157 W/kg

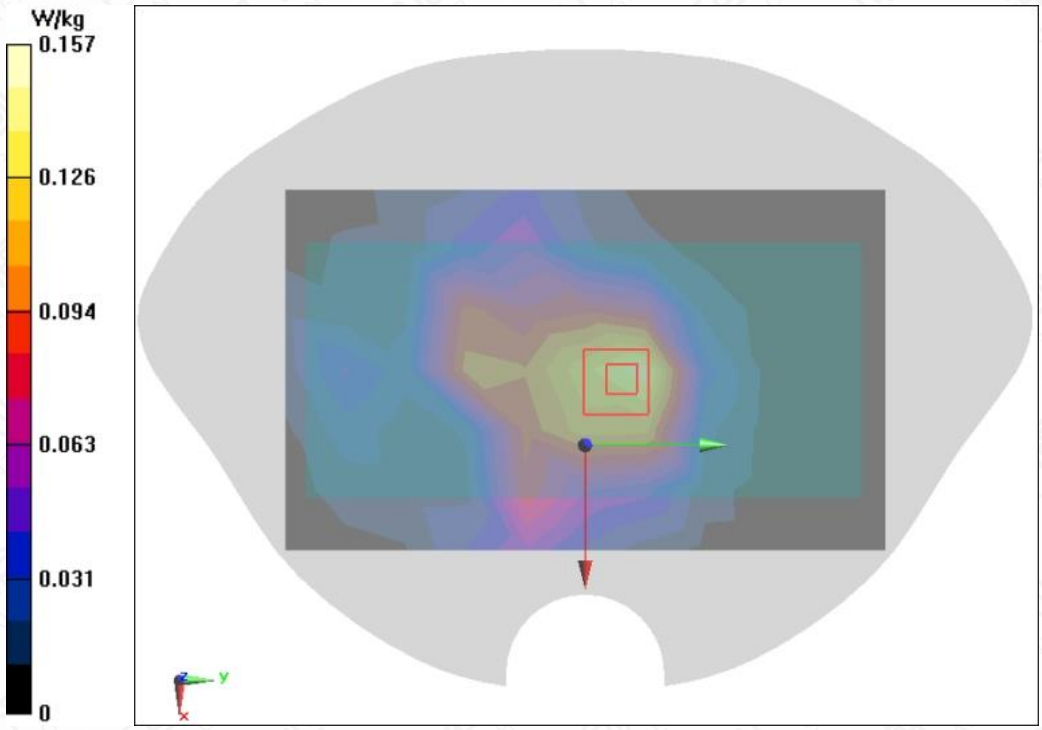


Figure A.1-50 Wi-Fi 5G 802.11a Back Side Mode Low 5mm

Wi-Fi 5G 802.11a Right Side Mode Low 5mm

Date/Time: 2025/2/26

Electronics: DAE4 Sn1244

Medium parameters used: f = 5180 MHz; σ = 4.711 S/m; ε_r = 36.147; ρ = 1000 kg/m^3

Ambient Temperature:21.6°C Liquid Temperature:20.5°C

Communication System: 5G-U-NII-1; Frequency: 5180 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.75, 5.75, 5.75) @ 5180 MHz

Wi-Fi 5G 802.11a Right Side Mode Low 5mm/Area Scan (5x11x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.247 W/kg

Wi-Fi 5G 802.11a Right Side Mode Low 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.111 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.816 W/kg

SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.060 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 39.6%

Maximum of SAR (measured) = 0.450 W/kg

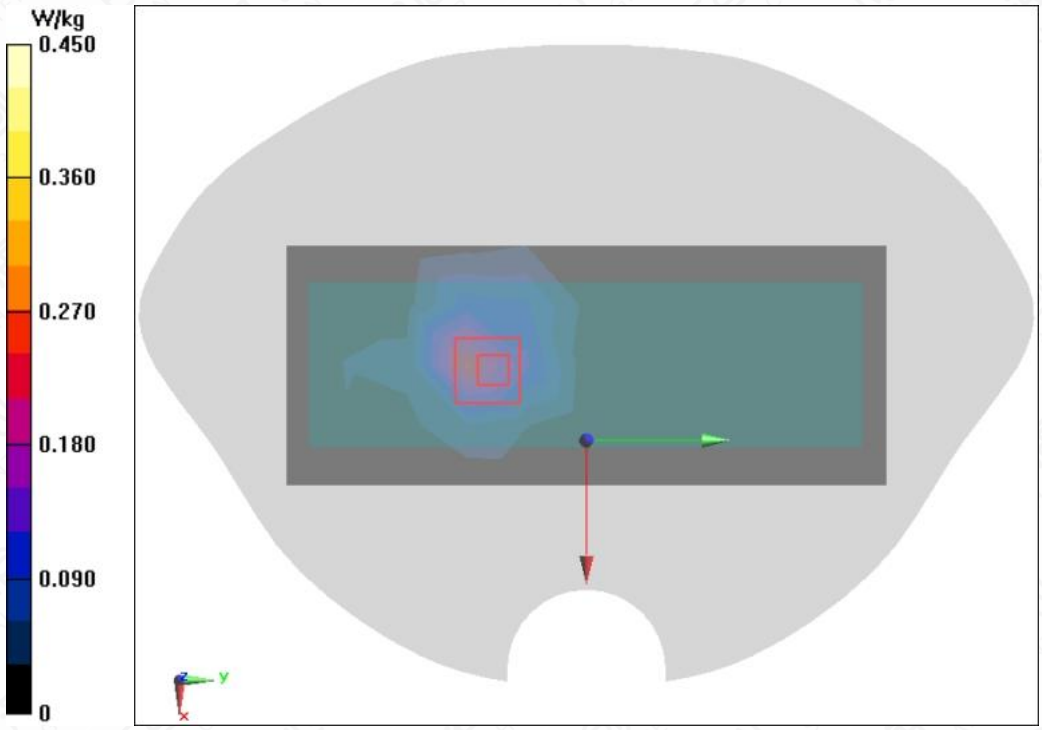


Figure A.1-51 Wi-Fi 5G 802.11a Right Side Mode Low 5mm

Wi-Fi 5G 802.11a Right Side Mode Low 0mm

Date/Time: 2025/2/26

Electronics: DAE4 Sn1244

Medium parameters used: f = 5180 MHz; σ = 4.711 S/m; ε_r = 36.147; ρ = 1000 kg/m^3

Ambient Temperature:21.6°C Liquid Temperature:20.5°C

Communication System: 5G-U-NII-1; Frequency: 5180 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.75, 5.75, 5.75) @ 5180 MHz

Wi-Fi 5G 802.11a Right Side Mode Low 0mm/Area Scan (5x11x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.416 W/kg

Wi-Fi 5G 802.11a Right Side Mode Low 0mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.694 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.14 W/kg

SAR(1 g) = 0.585 W/kg; SAR(10 g) = 0.149 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 of SAR (measured) = 1.66 W/kg

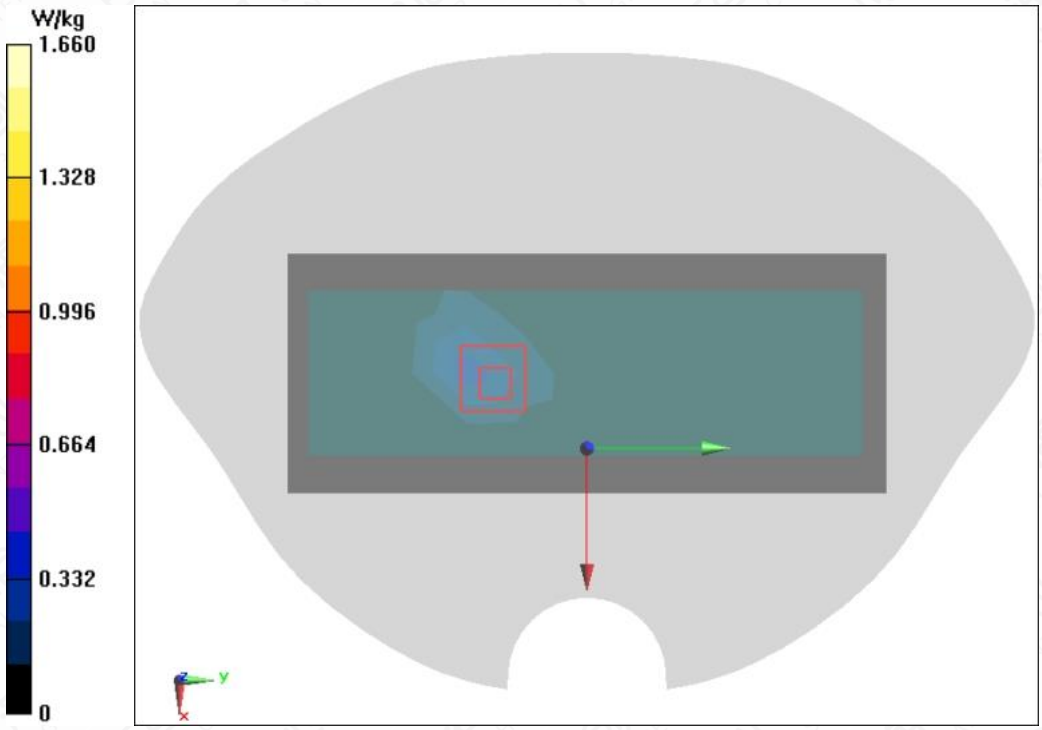


Figure A.1-52 Wi-Fi 5G 802.11a Right Side Mode Low 0mm

Wi-Fi 5G 802.11a Back Side Mode Middle 5mm

Date/Time: 2025/2/26

Electronics: DAE4 Sn1244

Medium parameters used: f = 5280 MHz; σ = 4.825 S/m; ε_r = 35.938; ρ = 1000 kg/m^3

Ambient Temperature:21.6°C Liquid Temperature:20.5°C

Communication System: 5G-U-NII-2A; Frequency: 5280 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.75, 5.75, 5.75) @ 5280 MHz

Wi-Fi 5G 802.11a Back Side Mode Middle 5mm/Area Scan (7x11x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.166 W/kg

Wi-Fi 5G 802.11a Back Side Mode Middle 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.534 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.302 W/kg

SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.034 W/kg

Smallest distance from peaks to all points 3 dB below = 17.3 mm

Ratio of SAR at M2 to SAR at M1 = 31.5%

Maximum value of SAR (measured) = 0.159 W/kg

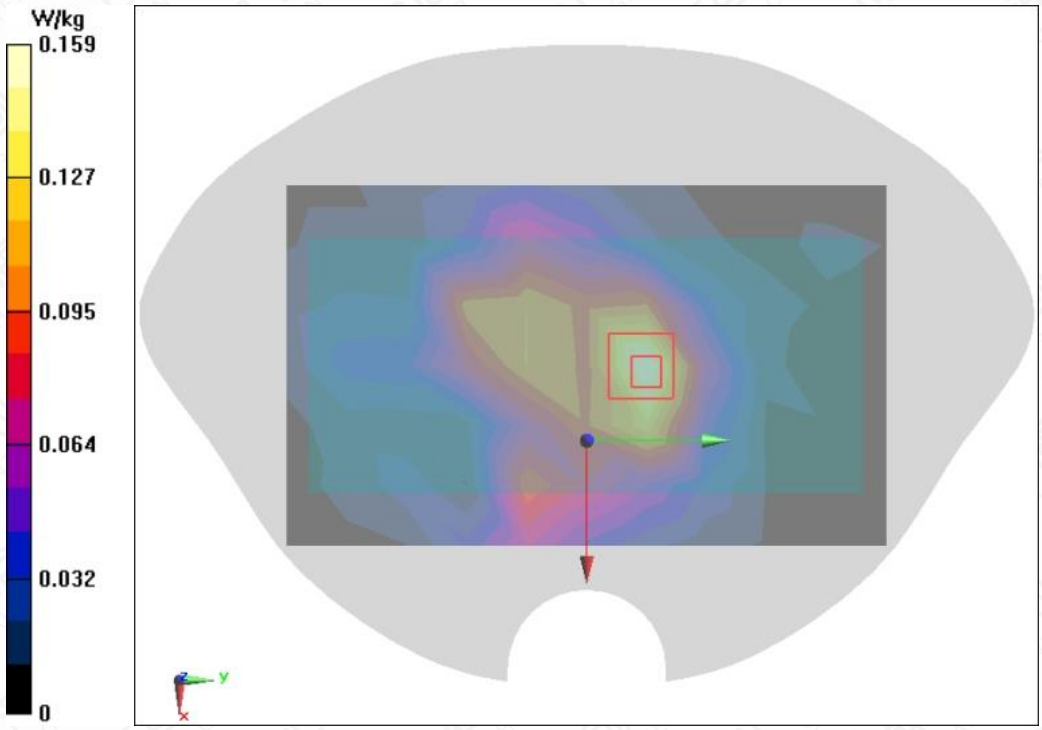


Figure A.1-53 Wi-Fi 5G 802.11a Back Side Mode Middle 5mm

Wi-Fi 5G 802.11a Right Side Mode Middle 5mm

Date/Time: 2025/2/26

Electronics: DAE4 Sn1244

Medium parameters used: f = 5280 MHz; σ = 4.825 S/m; ε_r = 35.938; ρ = 1000 kg/m^3

Ambient Temperature:21.6°C Liquid Temperature:20.5°C

Communication System: 5G-U-NII-2A; Frequency: 5280 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.75, 5.75, 5.75) @ 5280 MHz

Wi-Fi 5G 802.11a Right Side Mode Middle 5mm/Area Scan (5x11x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.604 W/kg

Wi-Fi 5G 802.11a Right Side Mode Middle 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.677 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.102 W/kg

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

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

Maximum of SAR (measured) = 0.761 W/kg

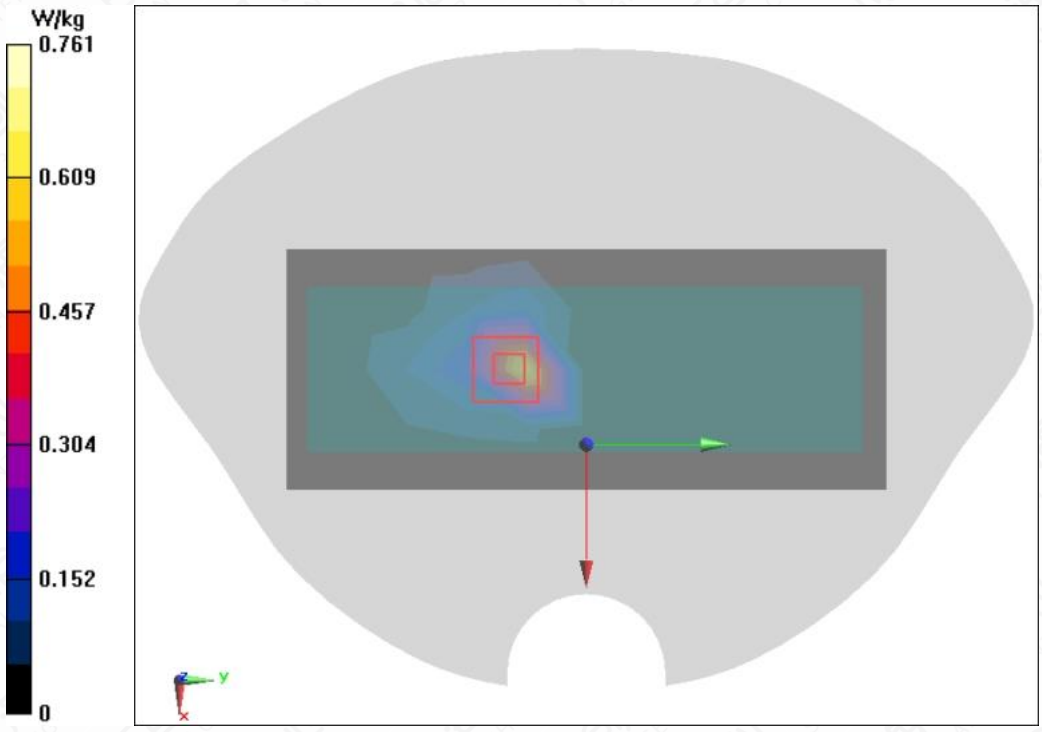


Figure A.1-54 Wi-Fi 5G 802.11a Right Side Mode Middle 5mm

Wi-Fi 5G 802.11a Right Side Mode High 0mm

Date/Time: 2025/2/26

Electronics: DAE4 Sn1244

Medium parameters used: f = 5320 MHz; σ = 4.871 S/m; ε_r = 35.859; ρ = 1000 kg/m^3

Ambient Temperature:21.6°C Liquid Temperature:20.5°C

Communication System: 5G-U-NII-2A; Frequency: 5320 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.75, 5.75, 5.75) @ 5320 MHz

Wi-Fi 5G 802.11a Right Side Mode High 0mm/Area Scan (5x11x1):

Measurement grid: dx=10mm, dy=10mm

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

Wi-Fi 5G 802.11a Right Side Mode High 0mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.437 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 5.25 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.259 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 37.3%

Maximum of SAR (measured) = 2.01 W/kg

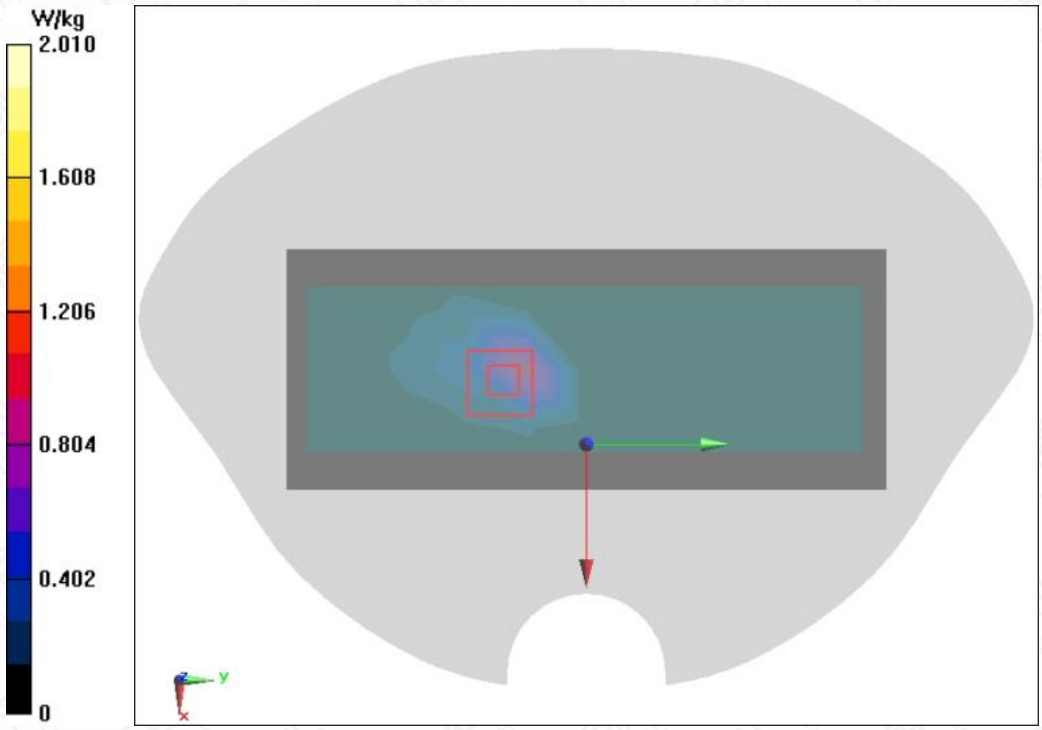


Figure A.1-55 Wi-Fi 5G 802.11a Right Side Mode High 0mm

Wi-Fi 5G 802.11a Back Side Mode Middle 5mm

Date/Time: 2025/2/26

Electronics: DAE4 Sn1244

Medium parameters used: f = 5580 MHz; σ = 5.185 S/m; ε_r = 35.278; ρ = 1000 kg/m^3

Ambient Temperature:21.6°C Liquid Temperature:20.5°C

Communication System: 5G-U-NII-2C; Frequency: 5580 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.1, 5.1, 5.1) @ 5580 MHz

Wi-Fi 5G 802.11a Back Side Mode Middle 5mm/Area Scan (7x11x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.117 W/kg

Wi-Fi 5G 802.11a Back Side Mode Middle 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.292 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.344 W/kg

SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.025 W/kg

Smallest distance from peaks to all points 3 dB below = 14.8 mm

Ratio of SAR at M2 to SAR at M1 = 33.2%

Maximum value of SAR (measured) = 0.131 W/kg

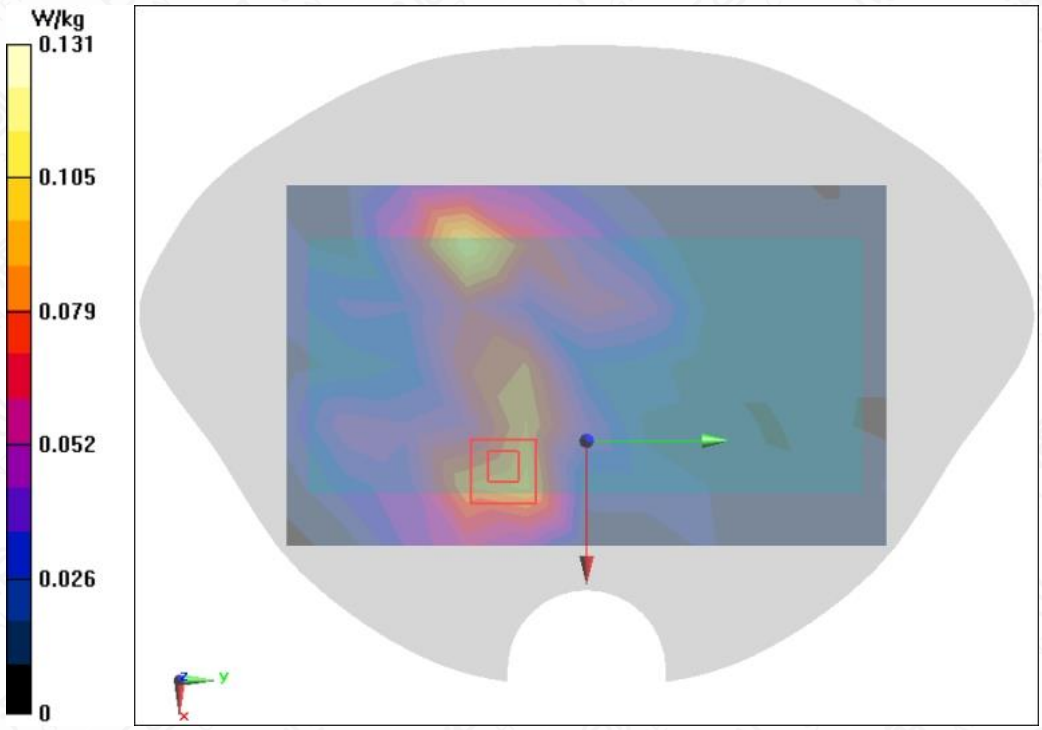


Figure A.1-56 Wi-Fi 5G 802.11a Back Side Mode Middle 5mm

Wi-Fi 5G 802.11a Right Side Mode High 5mm

Date/Time: 2025/2/26

Electronics: DAE4 Sn1244

Medium parameters used: f = 5700 MHz; σ = 5.342 S/m; ε_r = 35.056; ρ = 1000 kg/m^3

Ambient Temperature:21.6°C Liquid Temperature:20.5°C

Communication System: 5G-U-NII-2C; Frequency: 5700 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.1, 5.1, 5.1) @ 5700 MHz

Wi-Fi 5G 802.11a Right Side Mode High 5mm/Area Scan (5x11x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.567 W/kg

Wi-Fi 5G 802.11a Right Side Mode High 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.533 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.341 W/kg; SAR(10 g) = 0.109 W/kg

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

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

Maximum of SAR (measured) = 0.839 W/kg

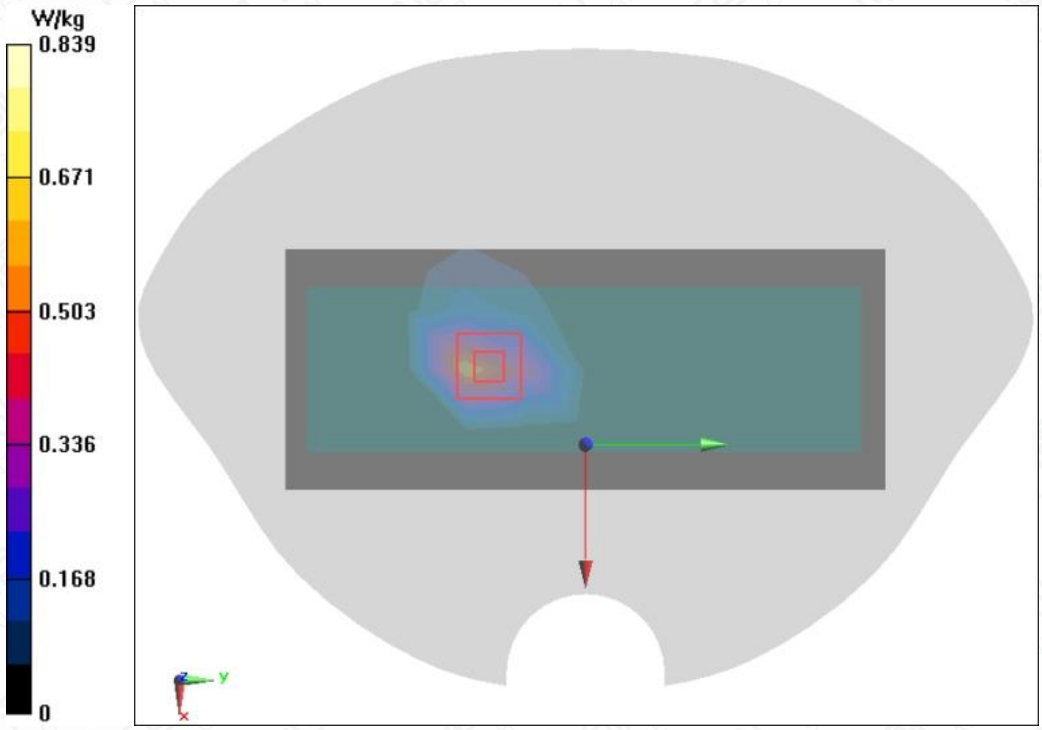


Figure A.1-57 Wi-Fi 5G 802.11a Right Side Mode High 5mm

Wi-Fi 5G 802.11a Right Side Mode High 0mm

Date/Time: 2025/2/26

Electronics: DAE4 Sn1244

Medium parameters used: f = 5700 MHz; σ = 5.342 S/m; ε_r = 35.056; ρ = 1000 kg/m^3

Ambient Temperature:21.6°C Liquid Temperature:20.5°C

Communication System: 5G-U-NII-2C; Frequency: 5700 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.1, 5.1, 5.1) @ 5700 MHz

Wi-Fi 5G 802.11a Right Side Mode High 0mm/Area Scan (5x11x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.13 W/kg

Wi-Fi 5G 802.11a Right Side Mode High 0mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.876 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 5.37 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.270 W/kg

Smallest distance from peaks to all points 3 dB below = 6.6 mm

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

Maximum of SAR (measured) = 2.57 W/kg

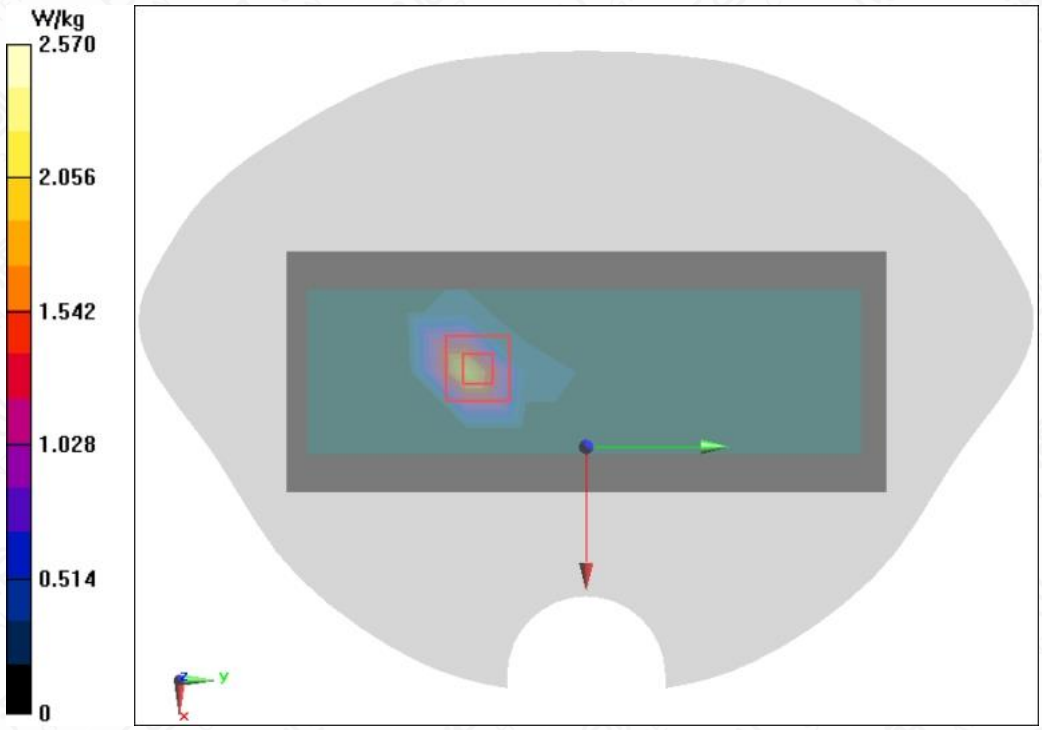


Figure A.1-58 Wi-Fi 5G 802.11a Right Side Mode High 0mm

Wi-Fi 5G 802.11a Back Side Mode Middle 5mm

Date/Time: 2025/2/26

Electronics: DAE4 Sn1244

Medium parameters used: f = 5785 MHz; σ = 5.441 S/m; ε_r = 34.898; ρ = 1000 kg/m^3

Ambient Temperature:21.6°C Liquid Temperature:20.5°C

Communication System: 5G-U-NII-3; Frequency: 5785 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.25, 5.25, 5.25) @ 5785 MHz

Wi-Fi 5G 802.11a Back Side Mode Middle 5mm/Area Scan (7x11x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.131 W/kg

Wi-Fi 5G 802.11a Back Side Mode Middle 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.277 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.348 W/kg

SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.029 W/kg

Smallest distance from peaks to all points 3 dB below = 13.6 mm

Ratio of SAR at M2 to SAR at M1 = 38.9%

Maximum of SAR (measured) = 0.145 W/kg

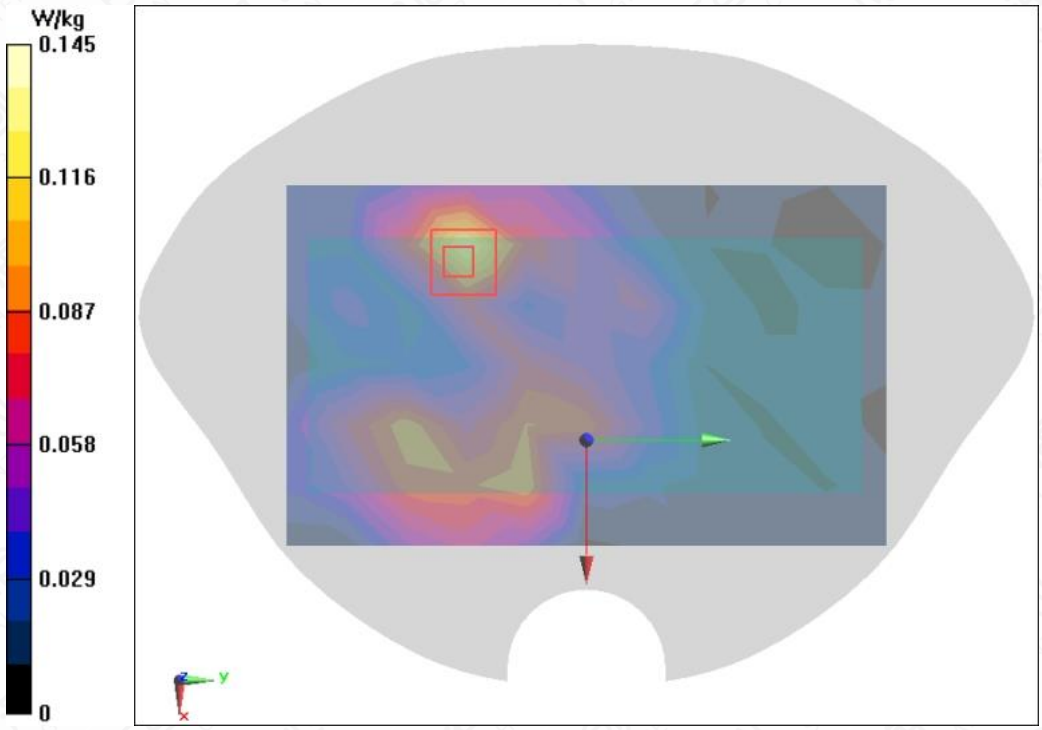


Figure A.1-59 Wi-Fi 5G 802.11a Back Side Mode Middle 5mm

Wi-Fi 5G 802.11a Right Side Mode High 5mm

Date/Time: 2025/2/26

Electronics: DAE4 Sn1244

Medium parameters used: f = 5825 MHz; σ = 5.489 S/m; ε_r = 34.835; ρ = 1000 kg/m^3

Ambient Temperature:21.6°C Liquid Temperature:20.5°C

Communication System: 5GHz U-NII-3; Frequency: 5825 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.25, 5.25, 5.25) @ 5825 MHz

Wi-Fi 5G 802.11a Right Side Mode High 5mm/Area Scan (5x11x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.693 W/kg

Wi-Fi 5G 802.11a Right Side Mode High 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.440 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.113 W/kg

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

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

Maximum of SAR (measured) = 1.04 W/kg

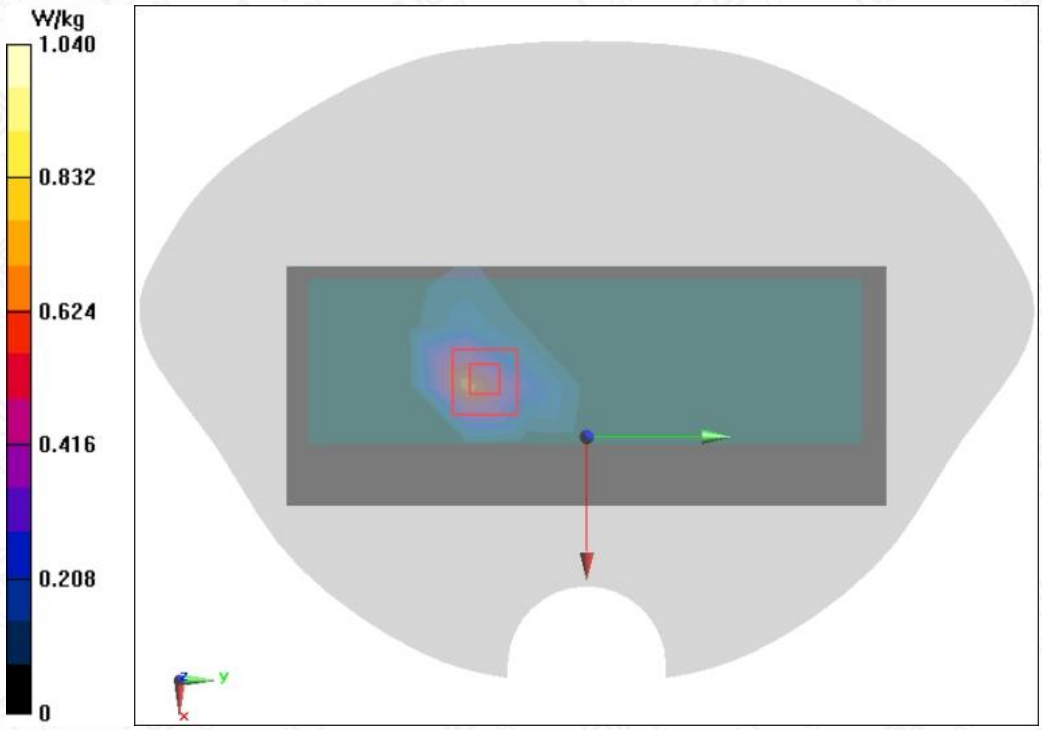


Figure A.1-60 Wi-Fi 5G 802.11a Right Side Mode High 5mm

Wi-Fi 5G 802.11a Right Side Mode Middle 0mm

Date/Time: 2025/2/26

Electronics: DAE4 Sn1244

Medium parameters used: f = 5785 MHz; σ = 5.441 S/m; ε_r = 34.898; ρ = 1000 kg/m^3

Ambient Temperature:21.6°C Liquid Temperature:20.5°C

Communication System: 5G-U-NII-3; Frequency: 5785 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.25, 5.25, 5.25) @ 5785 MHz

Wi-Fi 5G 802.11a Right Side Mode Middle 0mm/Area Scan (5x11x1):

Measurement grid: dx=10mm, dy=10mm

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

Wi-Fi 5G 802.11a Right Side Mode Middle 0mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.462 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 7.77 W/kg

SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.320 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 34.3%

Maximum of SAR (measured) = 3.19 W/kg

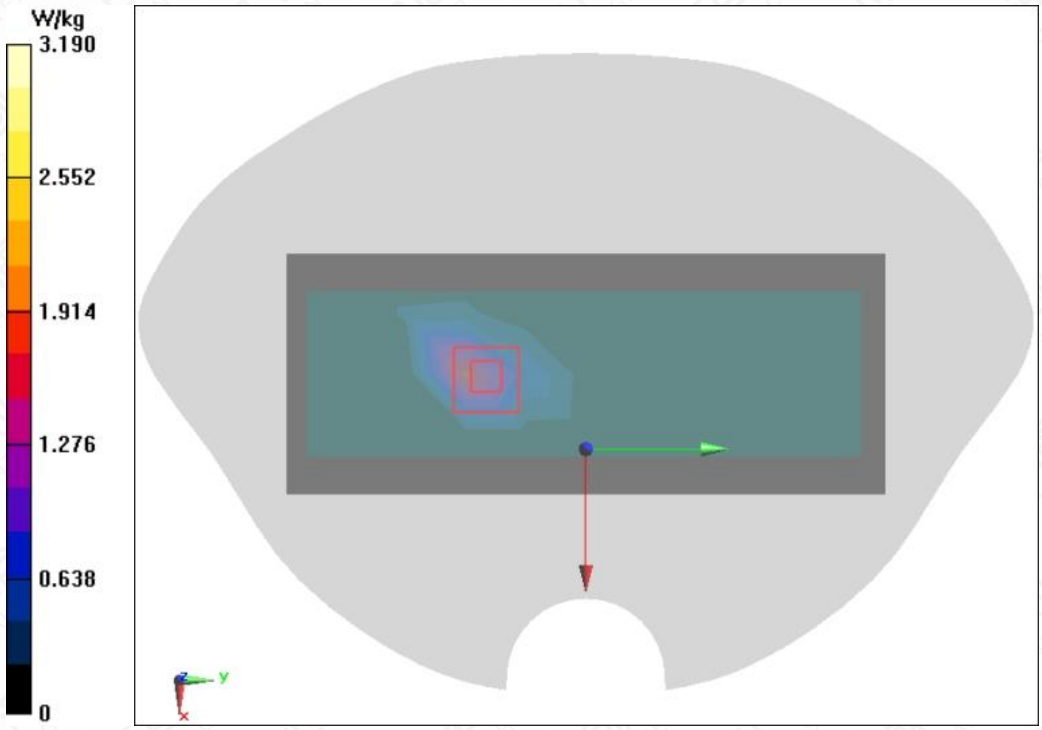


Figure A.1-61 Wi-Fi 5G 802.11a Right Side Mode Middle 0mm

BT DH5 Back Side Mode High 5mm

Date/Time: 2025/2/24

Electronics: DAE4 Sn1244

Medium parameters used: f = 2480 MHz; σ = 1.87 S/m; ε_r = 37.72; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.4°C

Communication System: Bluetooth 2450MHz; Frequency: 2480 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.05, 8.05, 8.05) @ 2480 MHz

BT DH5 Back Side Mode High 5mm/Area Scan (7x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0393 W/kg

BT DH5 Back Side Mode High 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.975 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.0480 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.014 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 52.3%

Maximum value of SAR (measured) = 0.040 W/kg

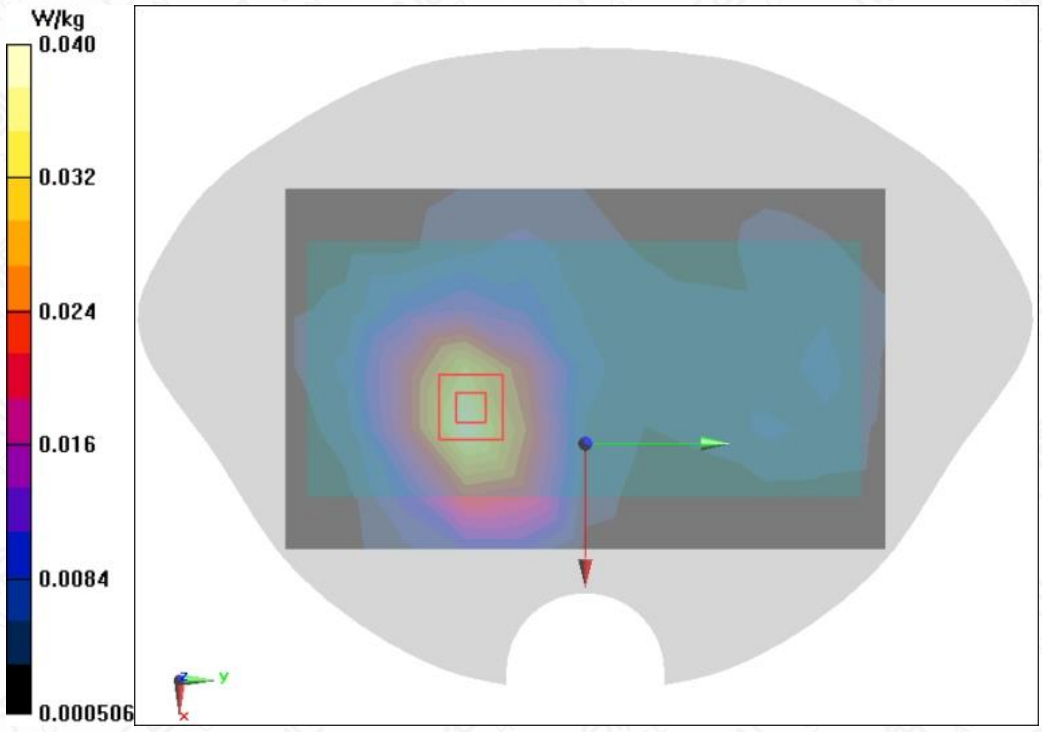


Figure A.1-62 BT DH5 Back Side Mode High 5mm

BT DH5 Right Side Mode High 5mm

Date/Time: 2025/2/24

Electronics: DAE4 Sn1244

Medium parameters used: f = 2480 MHz; σ = 1.87 S/m; ε_r = 37.72; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.4°C

Communication System: Bluetooth 2450MHz; Frequency: 2480 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.05, 8.05, 8.05) @ 2480 MHz

BT DH5 Right Side Mode High 5mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.137 W/kg

BT DH5 Right Side Mode High 5mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.368 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.397 W/kg

SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.070 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 42.1%

Maximum value of SAR (measured) = 0.311 W/kg

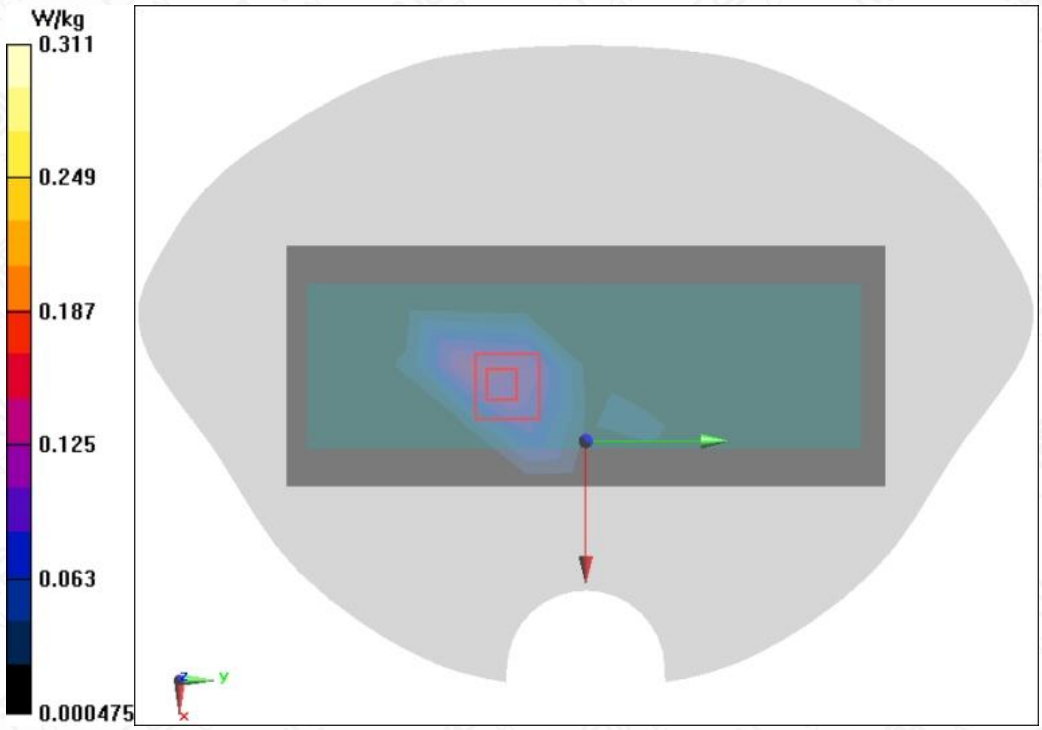


Figure A.1-63 BT DH5 Right Side Mode High 5mm

BT DH5 Right Side Mode High 0mm

Date/Time: 2025/2/24

Electronics: DAE4 Sn1244

Medium parameters used: f = 2480 MHz; σ = 1.87 S/m; ε_r = 37.72; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.4°C

Communication System: Bluetooth 2450MHz; Frequency: 2480 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.05, 8.05, 8.05) @ 2480 MHz

BT DH5 Right Side Mode High 0mm/Area Scan (5x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.155 W/kg

BT DH5 Right Side Mode High 0mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.480 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.562 W/kg

SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.080 W/kg

Smallest distance from peaks to all points 3 dB below = 6.8 mm

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

Maximum of SAR (measured) = 0.406 W/kg

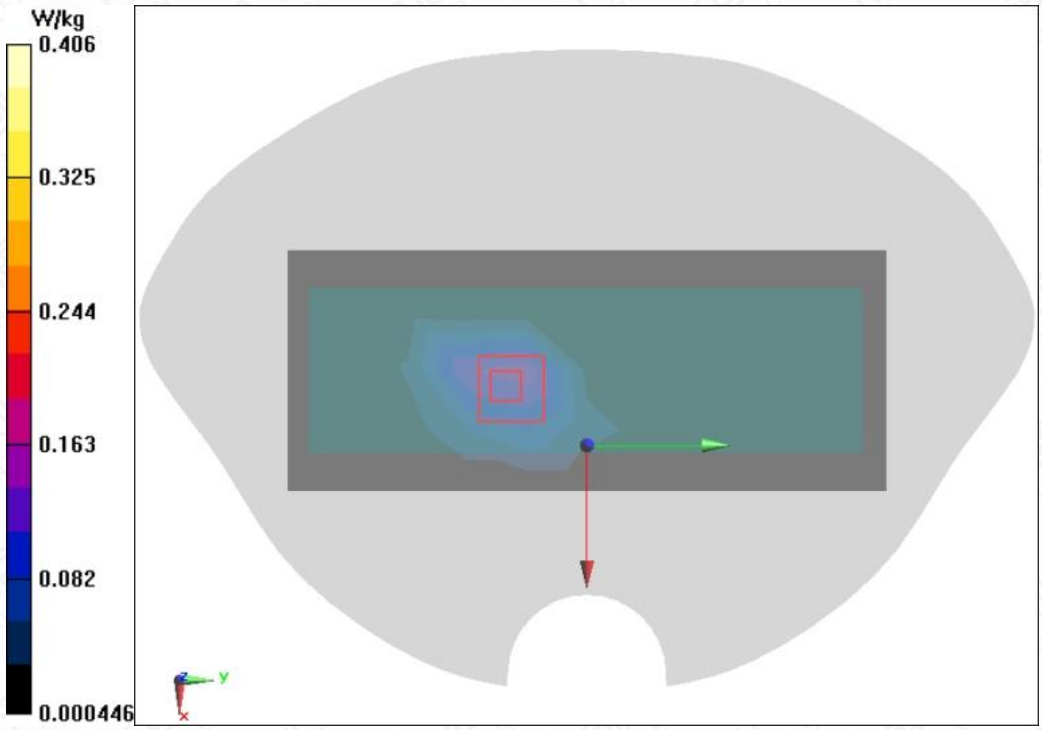


Figure A.1-64 BT DH5 Right Side Mode High 0mm

A.2 System Check Graph Results

System Check 750MHz
Date/Time: 2025/2/18
Electronics: DAE4 Sn1244
Medium parameters used: f = 750 MHz; σ = 0.866 S/m; ε_r = 42.111; ρ = 1000 kg/m^3
Ambient Temperature:21.6°C Liquid Temperature:20.5°C
Communication System: CW 750MHz; Frequency: 750 MHz; Duty Cycle: 1:1
Probe: EX3DV4 - SN7634ConvF(10.6, 10.6, 10.6) @ 750 MHz
System Check 750MHz/Area Scan (7x13x1):
Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 2.53 W/kg
System Check 750MHz/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 59.13 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 3.35 W/kg
SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.36 W/kg
Smallest distance from peaks to all points 3 dB below = 16 mm
Ratio of SAR at M2 to SAR at M1 = 62.5%
Maximum value of SAR (measured) = 2.89 W/kg

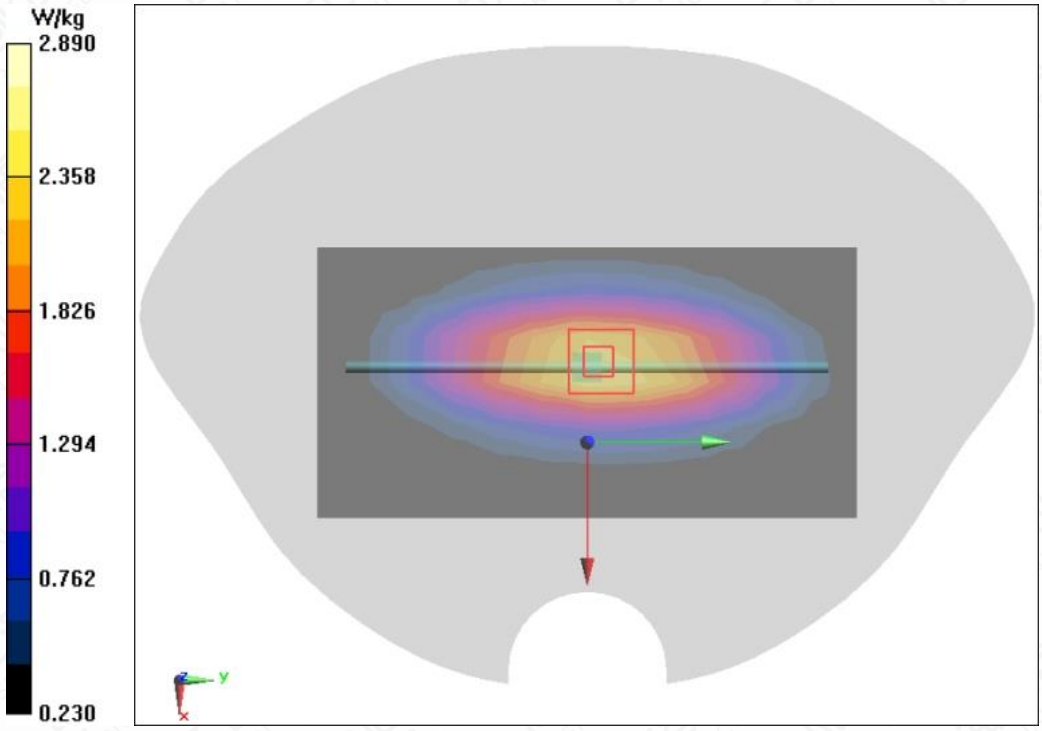


Figure A.2-1 System Check 750MHz

System Check 750MHz

Date/Time: 2025/2/25

Electronics: DAE4 Sn1244

Medium parameters used: f = 750 MHz; σ = 0.891 S/m; ε_r = 42.256; ρ = 1000 kg/m^3

Ambient Temperature:21.3°C Liquid Temperature:20.4°C

Communication System: CW 750MHz; Frequency: 750 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.6, 10.6, 10.6) @ 750 MHz

System Check 750MHz/Area Scan (7x13x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 2.56 W/kg

System Check 750MHz/Zoom Scan (5x5x7) (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 58.47 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.41 W/kg

SAR(1 g) = 2.13 W/kg; SAR(10 g) = 1.38 W/kg

Smallest distance from peaks to all points 3 dB below = 16 mm

Ratio of SAR at M2 to SAR at M1 = 62.6%

Maximum value of SAR (measured) = 2.94 W/kg

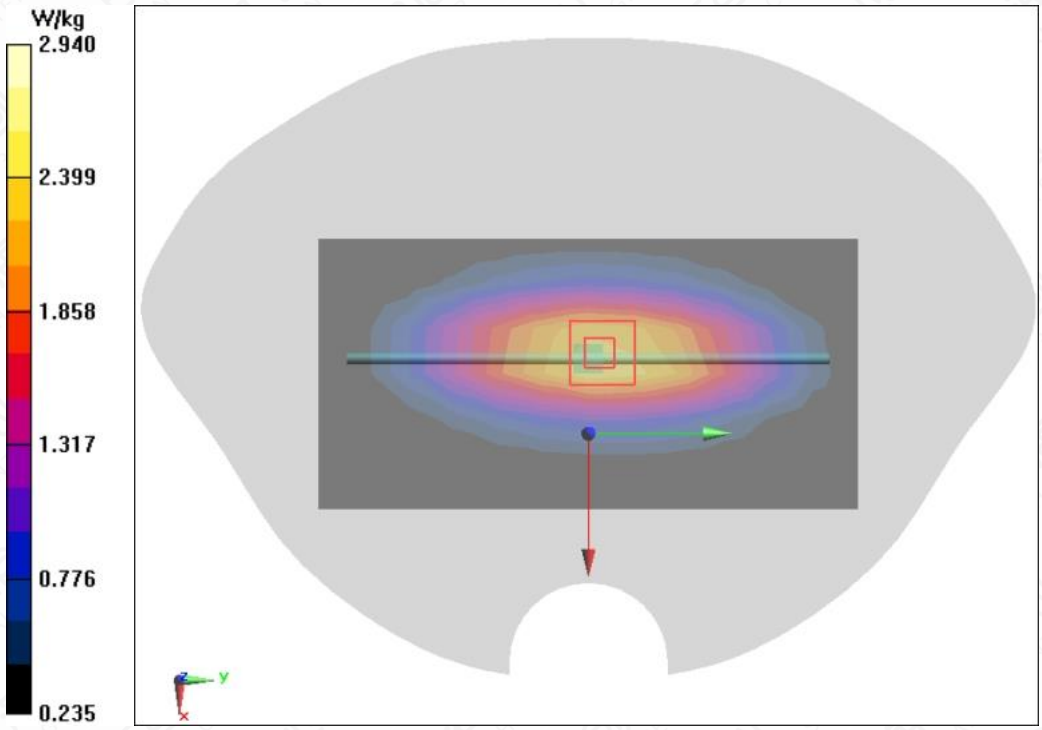


Figure A.2-2 System Check 750MHz

System Check 835MHz

Date/Time: 2025/2/21

Electronics: DAE4 Sn1244

Medium parameters used: f = 835 MHz; σ = 0.899 S/m; ε_r = 41.854; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.5°C

Communication System: CW 835MHz; Frequency: 835 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.19, 10.19, 10.19) @ 835 MHz

System Check 835MHz/Area Scan (7x13x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 2.78 W/kg

System Check 835MHz/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 60.37 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.64 W/kg

SAR(1 g) = 2.29 W/kg; SAR(10 g) = 1.48 W/kg

Smallest distance from peaks to all points 3 dB below = 16.1 mm

Ratio of SAR at M2 to SAR at M1 = 62.9%

Maximum value of SAR (measured) = 3.16 W/kg

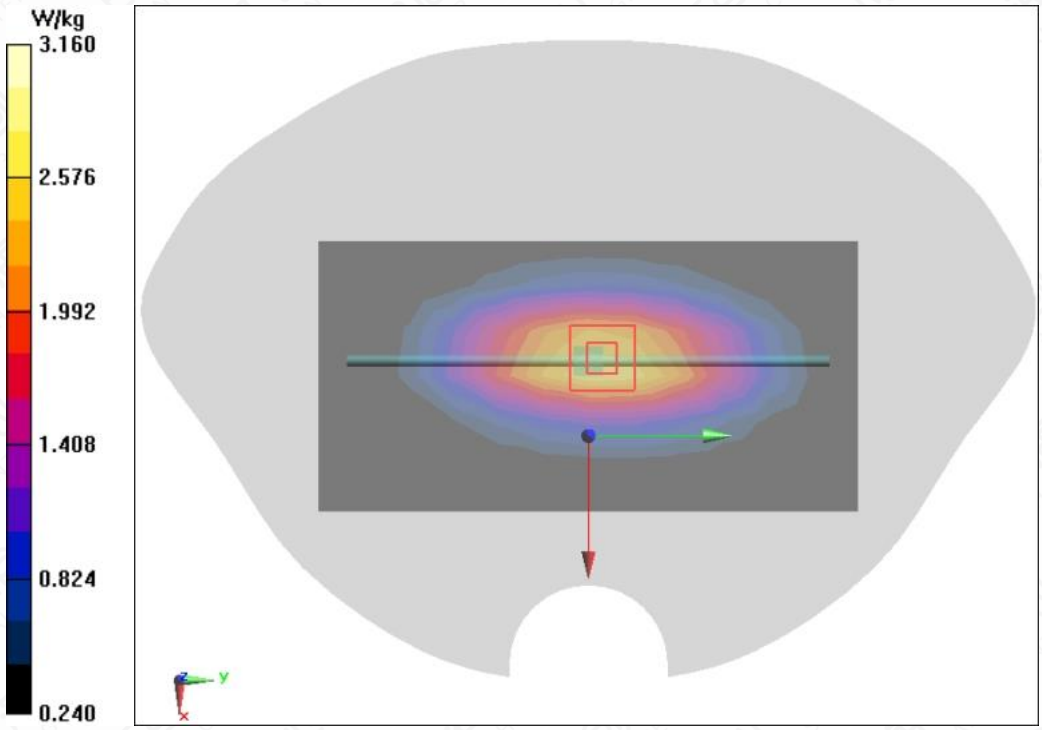


Figure A.2-3 System Check 835MHz

System Check 1750MHz

Date/Time: 2025/2/19

Electronics: DAE4 Sn1244

Medium parameters used: f = 1750 MHz; σ = 1.322 S/m; ε_r = 39.191; ρ = 1000 kg/m^3

Ambient Temperature:21.5°C Liquid Temperature:20.5°C

Communication System: CW 1750MHz; Frequency: 1750 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.86, 8.86, 8.86) @ 1750 MHz

System Check 1750MHz/Area Scan (8x7x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 9.93 W/kg

System Check 1750MHz/Zoom Scan (5x5x7) (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 105.3 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 17.2 W/kg

SAR(1 g) = 9.3 W/kg; SAR(10 g) = 4.93 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 54%

Maximum value of SAR (measured) = 14.3 W/kg

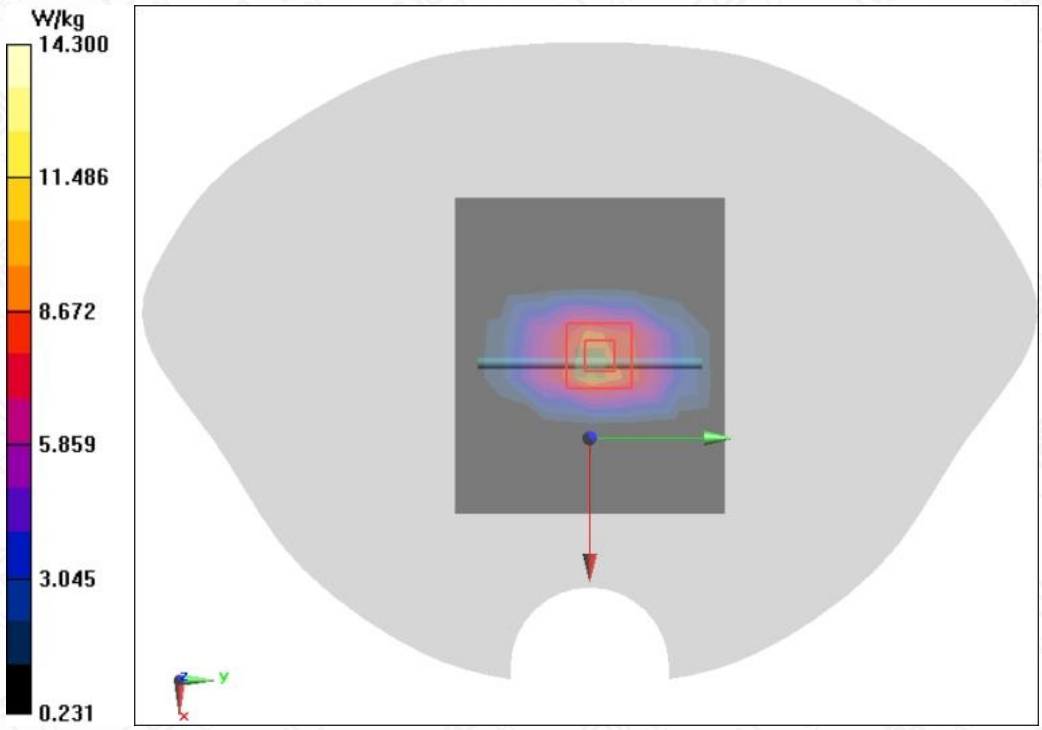


Figure A.2-4 System Check 1750MHz

System Check 1900MHz

Date/Time: 2025/2/22

Electronics: DAE4 Sn1244

Medium parameters used: f = 1900 MHz; σ = 1.406 S/m; ε_r = 38.592; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.3°C

Communication System: CW 1900MHz; Frequency: 1900 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.51, 8.51, 8.51) @ 1900 MHz

System Check 1900MHz/Area Scan (8x7x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 13.4 W/kg

System Check 1900MHz/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 104.6 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 19.4 W/kg

SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.21 W/kg

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 52.1%

Maximum value of SAR (measured) = 15.9 W/kg

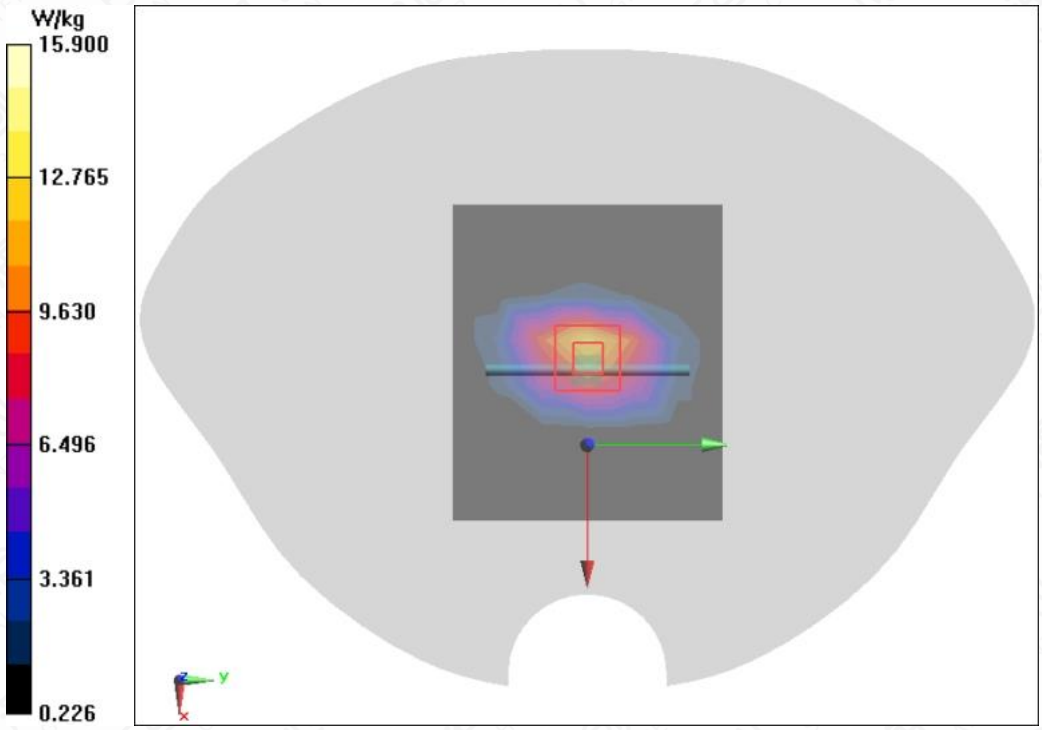


Figure A.2-5 System Check 1900MHz

System Check 2300MHz

Date/Time: 2025/2/23

Electronics: DAE4 Sn1581

Medium parameters used: f = 2300 MHz; σ = 1.671 S/m; ε_r = 37.865; ρ = 1000 kg/m^3

Ambient Temperature:21.3°C Liquid Temperature:20.2°C

Communication System: CW 2300MHz; Frequency: 2300 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.32, 8.32, 8.32) @ 2300 MHz

System Check 2300MHz/Area Scan (8x8x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 15.6 W/kg

System Check 2300MHz/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 109.8 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 25.8 W/kg

SAR(1 g) = 12.5 W/kg; SAR(10 g) = 5.92 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 48.1%

Maximum value of SAR (measured) = 20.9 W/kg

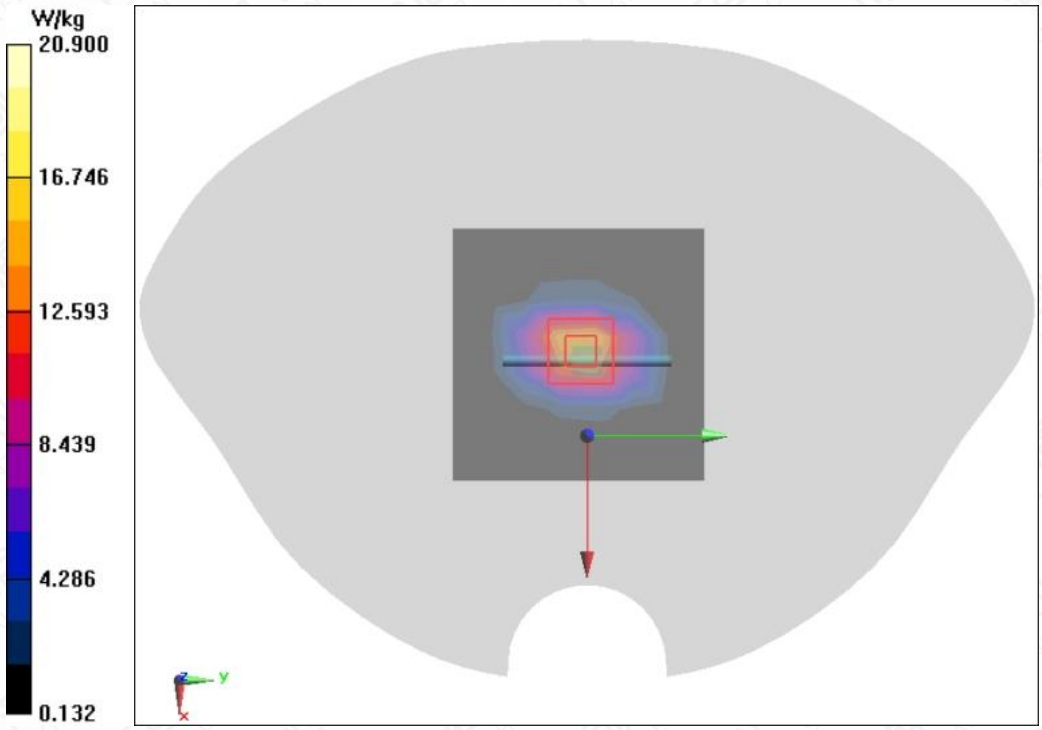


Figure A.2-6 System Check 2300MHz

System Check 2450MHz

Date/Time: 2025/2/24

Electronics: DAE4 Sn1244

Medium parameters used: f = 2450 MHz; σ = 1.848 S/m; ε_r = 37.779; ρ = 1000 kg/m^3

Ambient Temperature:21.6°C Liquid Temperature:20.6°C

Communication System: CW 2450HMz; Frequency: 2450 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.05, 8.05, 8.05) @ 2450 MHz

System Check 2450MHz/Area Scan (9x9x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 12.4 W/kg

System Check 2450MHz/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 87.65 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 28.4 W/kg

SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.23 W/kg

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 49.1%

Maximum value of SAR (measured) = 15.3 W/kg

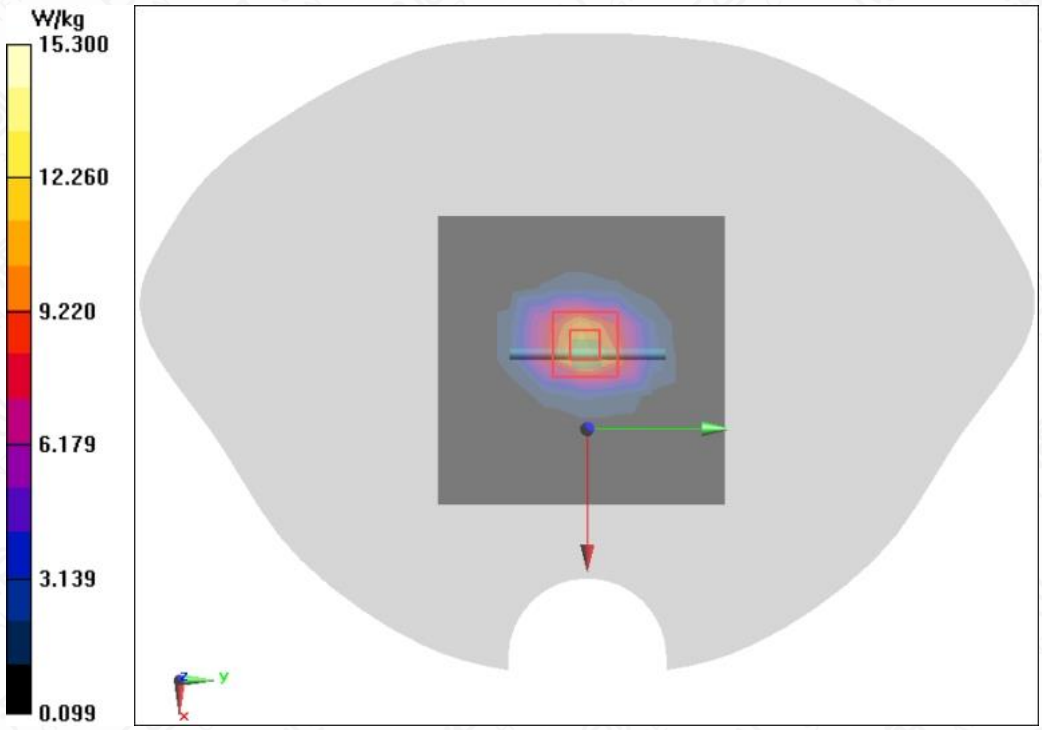


Figure A.2-7 System Check 2450MHz

System Check 2600MHz

Date/Time: 2025/2/20

Electronics: DAE4 Sn1244

Medium parameters used: f = 2600 MHz; σ = 1.957 S/m; ε_r = 39.74; ρ = 1000 kg/m^3

Ambient Temperature:21.5°C Liquid Temperature:20.5°C

Communication System: CW 2600MHz; Frequency: 2600 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(7.85, 7.85, 7.85) @ 2600 MHz

System Check 2600MHz/Area Scan (8x8x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 19.4 W/kg

System Check 2600MHz/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 113.5 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 30.1 W/kg

SAR(1 g) = 14.1 W/kg; SAR(10 g) = 6.37 W/kg

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

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

Maximum value of SAR (measured) = 24.1 W/kg

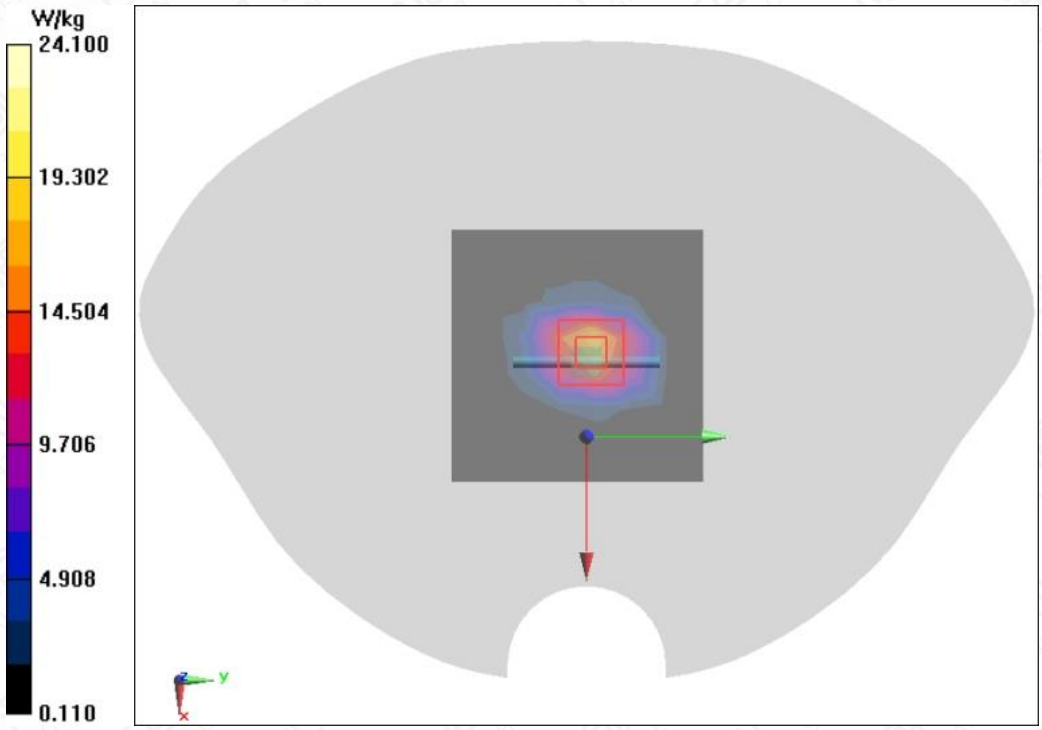


Figure A.2-8 System Check 2600MHz

System Check 2600MHz

Date/Time: 2025/2/25

Electronics: DAE4 Sn1244

Medium parameters used: f = 2600 MHz; σ = 1.964 S/m; ε_r = 37.518; ρ = 1000 kg/m^3

Ambient Temperature:21.3°C Liquid Temperature:20.2°C

Communication System: CW 2600MHz; Frequency: 2600 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(7.85, 7.85, 7.85) @ 2600 MHz

System Check 2600MHz/Area Scan (8x8x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 20.0 W/kg

System Check 2600MHz/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 114.7 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 30.4 W/kg

SAR(1 g) = 14.3 W/kg; SAR(10 g) = 6.46 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 47%

Maximum value of SAR (measured) = 24.4 W/kg

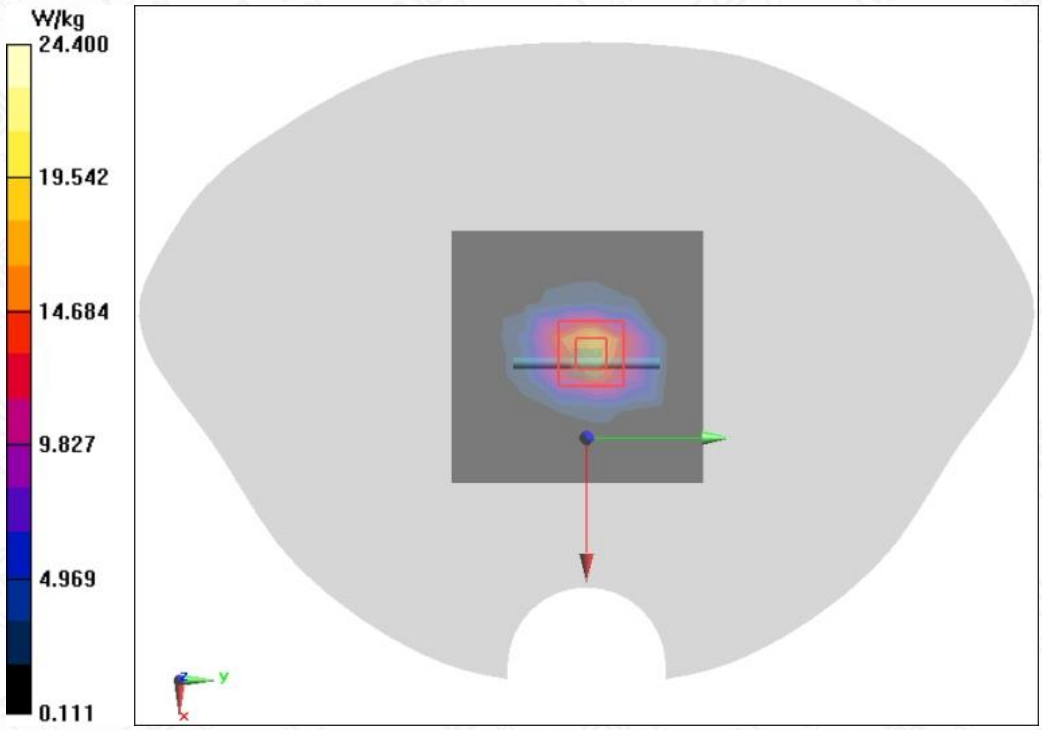


Figure A.2-9 System Check 2600MHz

System Check 5200MHz

Date/Time: 2025/2/26

Electronics: DAE4 Sn1244

Medium parameters used: f = 5200 MHz; σ = 4.732 S/m; ε_r = 36.107; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.5°C

Communication System: CW 5GHz; Frequency: 5200 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.75, 5.75, 5.75) @ 5200 MHz

System Check 5200MHz/Area Scan (8x8x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 16.5 W/kg

System Check 5200MHz/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 67.67 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 30.4 W/kg

SAR(1 g) = 7.75 W/kg; SAR(10 g) = 2.24 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 65.4%

Maximum of SAR (measured) = 19.4 W/kg

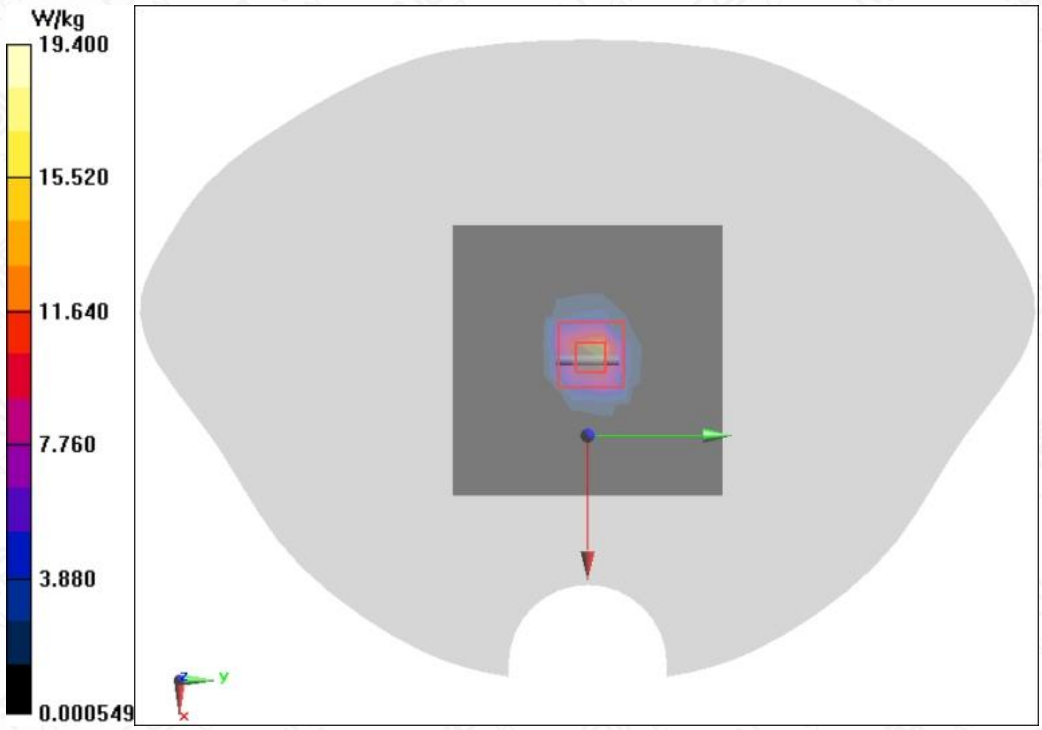


Figure A.2-10 System Check 5200MHz

System Check 5300MHz

Date/Time: 2025/2/26

Electronics: DAE4 Sn1244

Medium parameters used: f = 5300 MHz; σ = 4.848 S/m; ε_r = 35.899; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.5°C

Communication System: CW 5GHz; Frequency: 5300 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.75, 5.75, 5.75) @ 5300 MHz

System Check 5300MHz/Area Scan (10x10x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 15.2 W/kg

System Check 5300MHz/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 69.25 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 33.1 W/kg

SAR(1 g) = 8.15 W/kg; SAR(10 g) = 2.34 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 64.4%

Maximum value of SAR (measured) = 20.6 W/kg

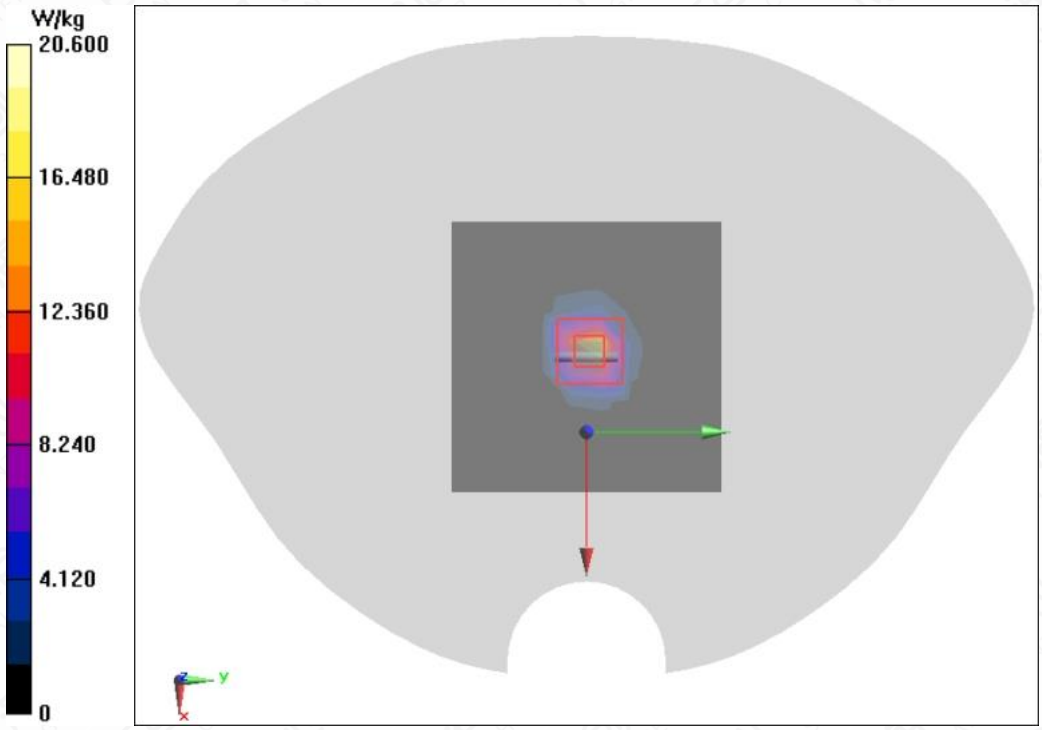


Figure A.2-11 System Check 5300MHz

System Check 5600MHz

Date/Time: 2025/2/26

Electronics: DAE4 Sn1244

Medium parameters used: f = 5600 MHz; σ = 5.213 S/m; ε_r = 35.233; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.5°C

Communication System: CW 5GHz; Frequency: 5600 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.1, 5.1, 5.1) @ 5600 MHz

System Check 5600MHz/Area Scan (10x10x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 16.8 W/kg

System Check 5600MHz/Zoom Scan(5x5x7)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 68.70 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 34.8 W/kg

SAR(1 g) = 8.5 W/kg; SAR(10 g) = 2.42 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 64.3%

Maximum of SAR (measured) = 22.1 W/kg

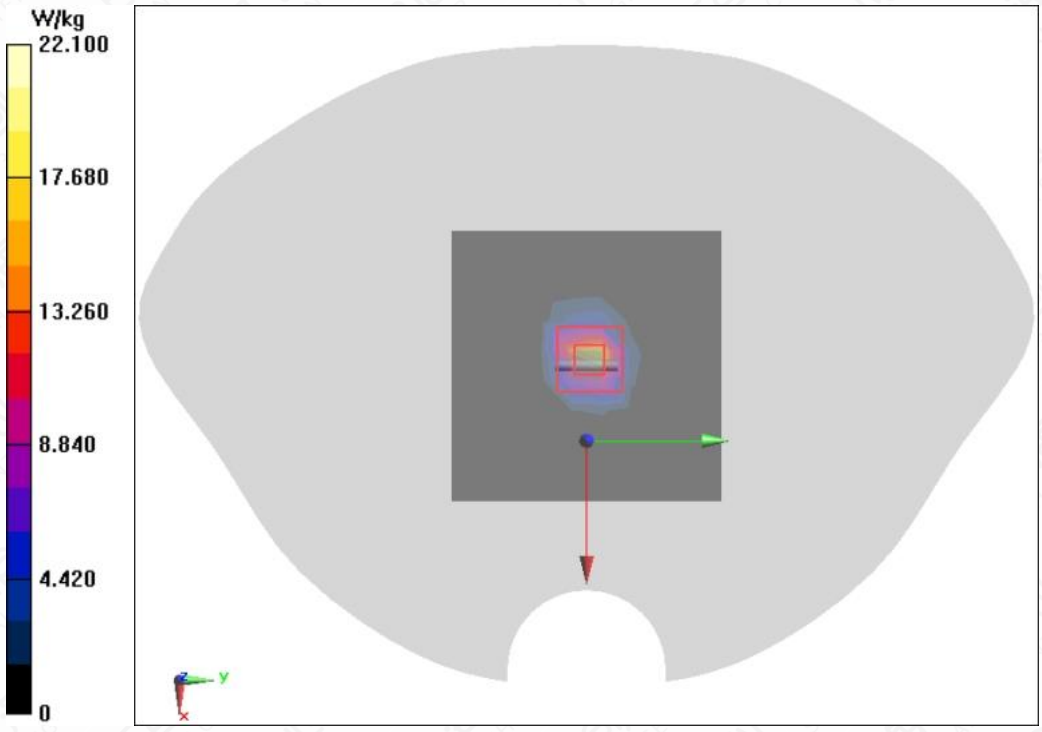


Figure A.2-12 System Check 5600MHz

System Check 5800MHz

Date/Time: 2025/2/26

Electronics: DAE4 Sn1244

Medium parameters used: f = 5800 MHz; σ = 5.459 S/m; ε_r = 34.874; ρ = 1000 kg/m^3

Ambient Temperature:21.4°C Liquid Temperature:20.5°C

Communication System: CW 5GHz; Frequency: 5800 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.25, 5.25, 5.25) @ 5800 MHz

System Check 5800MHz/Area Scan (10x10x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 14.9 W/kg

System Check 5800MHz/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 66.36 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 35.0 W/kg

SAR(1 g) = 8 W/kg; SAR(10 g) = 2.28 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 62.1%

Maximum value of SAR (measured) = 21.3 W/kg

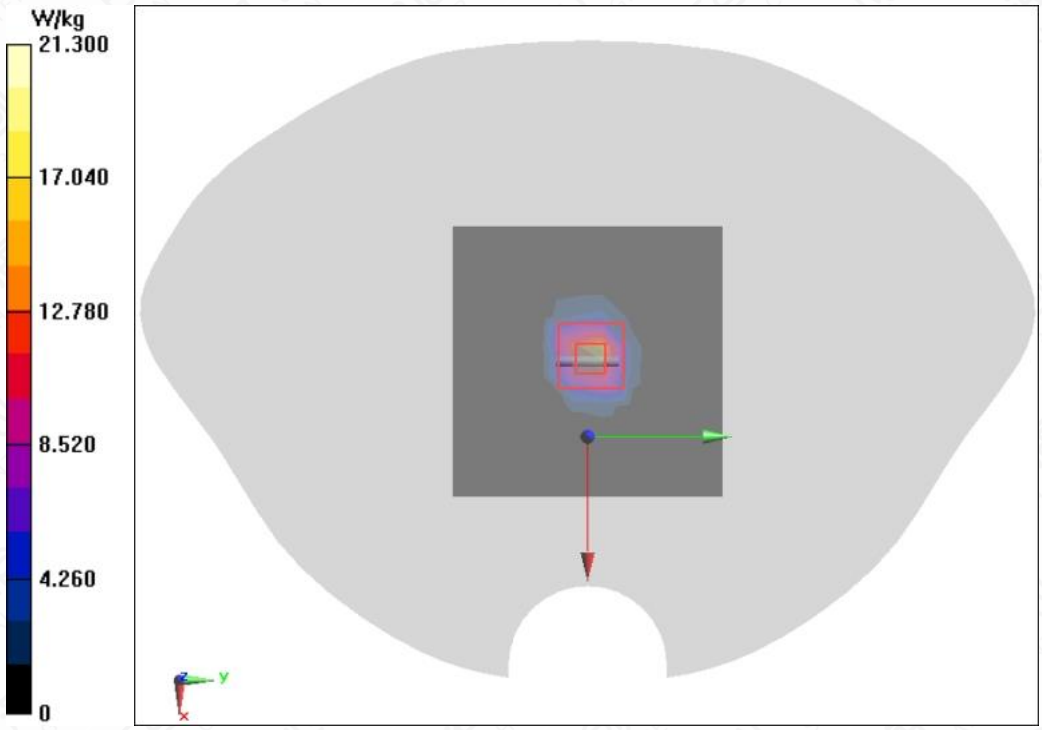


Figure A.2-13 System Check 5800MHz

Annex B: Calibration Certificate

In Collaboration with speag CALIBRATION LABORATORY

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2117
E-mail: emf@caict.ac.cn http://www.caict.ac.cn

CNAS CALIBRATION CNAS L0570

Client : 3in

Certificate No: 25J02Z000068

CALIBRATION CERTIFICATE

Object	DAE4 - SN: 1244
Calibration Procedure(s)	FF-Z11-002-01 Calibration Procedure for the Data Acquisition Electronics (DAEx)
Calibration date:	February 17, 2025

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements(SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature(22±3)℃ and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date(Calibrated by, Certificate No.)	Scheduled Calibration
Process Calibrator 753	1971018	11-Jun-24 (CTTL, No.24J02X005147)	Jun-25

	Name	Function	Signature
Calibrated by:	Yu Zongying	SAR Test Engineer	
Reviewed by:	Lin Jun	SAR Test Engineer	
Approved by:	Qi Dianyuan	SAR Project Leader	

Issued: February 17, 2025

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Certificate No: 25J02Z000068 Page 1 of 3

In Collaboration with
s p e a g
CALIBRATION LABORATORY

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2117
E-mail: emf@caict.ac.cn http://www.caict.ac.cn

Glossary:

DAE	data acquisition electronics
Connector angle	information used in DASY system to align probe sensor X to the robot coordinate system.

Methods Applied and Interpretation of Parameters:

- *DC Voltage Measurement*: Calibration Factor assessed for use in DASY system by comparison with a calibrated instrument traceable to national standards. The figure given corresponds to the full scale range of the voltmeter in the respective range.
- *Connector angle*: The angle of the connector is assessed measuring the angle mechanically by a tool inserted. Uncertainty is not required.
- The report provide only calibration results for DAE, it does not contain other performance test results.

In Collaboration with speag CALIBRATION LABORATORY

CAICT

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2117
E-mail: emf@caict.ac.cn http://www.caict.ac.cn

DC Voltage Measurement

A/D - Converter Resolution nominal

High Range: 1LSB = 6.1μV , full range = -100...+300 mV
Low Range: 1LSB = 61nV , full range = -1.....+3mV

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

Calibration Factors	X	Y	Z
High Range	403.858 ± 0.15% (k=2)	403.580 ± 0.15% (k=2)	404.499 ± 0.15% (k=2)
Low Range	3.95289 ± 0.7% (k=2)	3.96983 ± 0.7% (k=2)	3.97933 ± 0.7% (k=2)

Connector Angle

Connector Angle to be used in DASY system	23.5° ± 1 °

In Collaboration with
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2117
E-mail: emf@caict.ac.cn http://www.caict.ac.cn

Client 3in Certificate No: 24J02Z000043

CALIBRATION CERTIFICATE

Object	EX3DV4 - SN : 7634
Calibration Procedure(s)	FF-Z11-004-02 Calibration Procedures for Dosimetric E-field Probes
Calibration date:	March 20, 2024

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements(SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature(22±3)℃ and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date(Calibrated by, Certificate No.)	Scheduled Calibration
Power Meter NRP2	101919	12-Jun-23(CTTL, No.J23X05435)	Jun-24
Power sensor NRP-Z91	101547	12-Jun-23(CTTL, No.J23X05435)	Jun-24
Power sensor NRP-Z91	101548	12-Jun-23(CTTL, No.J23X05435)	Jun-24
Reference 10dBAttenuator	18N50W-10dB	19-Jan-23(CTTL, No.J23X00212)	Jan-25
Reference 20dBAttenuator	18N50W-20dB	19-Jan-23(CTTL, No.J23X00211)	Jan-25
Reference Probe EX3DV4	SN 3846	31-May-23(SPEAG, No.EX-3846_May23)	May-24
DAE4	SN 1555	24-Aug-23(SPEAG, No.DAE4-1555_Aug23)	Aug-24
Secondary Standards	**ID #**	**Cal Date(Calibrated by, Certificate No.)**	**Scheduled Calibration**
SignalGenerator MG3700A	6201052605	12-Jun-23(CTTL, No.J23X05434)	Jun-24
Network Analyzer E5071C	MY46110673	25-Dec-23(CTTL, No.J23X13425)	Dec-24
Reference 10dBAttenuator	BT0520	11-May-23(CTTL, No.J23X04061)	May-25
Reference 20dBAttenuator	BT0267	11-May-23(CTTL, No.J23X04062)	May-25
OCP DAK-12	SN 1174	25-Oct-23(SPEAG, No.OCP-DAK12-1174_Oct23)	Oct-24

	Name	Function	Signature
Calibrated by:	Yu Zongying	SAR Test Engineer	
Reviewed by:	Lin Jun	SAR Test Engineer	
Approved by:	Qi Dianyuan	SAR Project Leader	

Issued: March 24, 2024

In Collaboration with
s p e a g
CALIBRATION LABORATORY

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2117
E-mail: emf@caict.ac.cn http://www.caict.ac.cn

Glossary:

TSL	tissue simulating liquid
NORMx,y,z	sensitivity in free space
ConvF	sensitivity in TSL / NORMx,y,z
DCP	diode compression point
CF	crest factor (1/duty_cycle) of the RF signal
A,B,C,D	modulation dependent linearization parameters
Polarization Φ	Φ rotation around probe axis
Polarization θ	θ rotation around an axis that is in the plane normal to probe axis (at measurement center), i θ=0 is normal to probe axis
Connector Angle	information used in DASY system to align probe sensor X to the robot coordinate system

Calibration is Performed According to the Following Standards:

a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013

b) IEC 62209-1, "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from hand-held and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016

c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010

d) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Methods Applied and Interpretation of Parameters:

- *NORMx,y,z:* Assessed for E-field polarization θ=0 (f≤900MHz in TEM-cell; f>1800MHz: waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not effect the E^2-field uncertainty inside TSL (see below ConvF).
- *NORM(f)x,y,z = NORMx,y,z* frequency_response* (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- *DCPx,y,z:* DCP are numerical linearization parameters assessed based on the data of power sweep (no uncertainty required). DCP does not depend on frequency nor media.
- PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics.
- *Ax,y,z; Bx,y,z; Cx,y,z;VRx,y,z:*A,B,C are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- *ConvF and Boundary Effect Parameters:* Assessed in flat phantom using E-field (or Temperature Transfer Standard for f≤800MHz) and inside waveguide using analytical field distributions based on power measurements for f >800MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty valued are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z* ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from±50MHz to±100MHz.
- *Spherical isotropy (3D deviation from isotropy):* in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- *Sensor Offset:* The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- *Connector Angle:* The angle is assessed using the information gained by determining the *NORMx* (no uncertainty required).

In Collaboration with
s p e a g
CALIBRATION LABORATORY

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2117
E-mail: emf@caict.ac.cn http://www.caict.ac.cn

DASY/EASY – Parameters of Probe: EX3DV4 – SN: 7634

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (*k*=2)
Norm(μV/(V/m)²)[A]	0.62	0.64	0.62	±10.0%
DCP(mV)[B]	109.5	111.3	108.6	

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB√μV	C	D dB	VR mV	Max Dev.	Max Unc[E] (*k*=2)
0	CW	X	0.0	0.0	1.0	0.00	211.2	±2.1%	±4.7%
		Y	0.0	0.0	1.0		218.3		
		Z	0.0	0.0	1.0		208.3		
10352-AAA	Pulse Waveform (200Hz, 10%)	X	1.55	60.28	5.97	10.00	60	±4.1%	±9.6%
		Y	1.60	60.70	6.22		60		
		Z	1.50	60.31	6.08		60		
10353-AAA	Pulse Waveform (200Hz, 20%)	X	92.00	82.00	11.00	6.99	80	±3.7%	±9.6%
		Y	0.82	60.00	4.71		80		
		Z	0.78	60.00	4.72		80		
10354-AAA	Pulse Waveform (200Hz, 40%)	X	0.50	154.57	2.16	3.98	95	±3.5%	±9.6%
		Y	0.06	131.17	0.46		95		
		Z	0.18	140.02	0.50		95		
10355-AAA	Pulse Waveform (200Hz, 60%)	X	10.60	157.68	19.93	2.22	120	±2.1%	±9.6%
		Y	6.46	159.99	3.69		120		
		Z	7.47	159.97	15.20		120		
10387-AAA	QPSK Waveform, 1 MHz	X	0.63	63.29	11.08	1.00	150	±4.7%	±9.6%
		Y	0.53	62.60	11.41		150		
		Z	0.69	65.82	13.23		150		
10388-AAA	QPSK Waveform, 10 MHz	X	1.38	65.14	13.29	0.00	150	±1.3%	±9.6%
		Y	1.38	65.93	13.87		150		
		Z	1.49	66.99	14.56		150		
10396-AAA	64-QAM Waveform, 100 kHz	X	1.91	66.04	17.25	3.01	150	±0.9%	±9.6%
		Y	1.93	66.82	17.73		150		
		Z	1.94	67.19	18.27		150		
10414-AAA	WLAN CCDF, 64-QAM, 40MHz	X	3.98	65.94	15.17	0.00	150	±4.0%	±9.6%
		Y	3.98	66.49	15.48		150		
		Z	4.09	66.85	15.78		150		

Note: For details on UID parameters see Appendix

The reported uncertainty of measurement is stated as the standard uncertainty of Measurement multiplied by the coverage factor *k*=2, which for a normal distribution Corresponds to a coverage probability of approximately 95%.

[A] The uncertainties of Norm X, Y, Z do not affect the E²-field uncertainty inside TSL (see Page 5).
[B] Numerical linearization parameter: uncertainty not required.
[E] Uncertainly is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

In Collaboration with
s p e a g
CALIBRATION LABORATORY

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2117
E-mail: emf@caict.ac.cn http://www.caict.ac.cn

DASY/EASY – Parameters of Probe: EX3DV4 – SN: 7634

Sensor Model Parameters

	C1 fF	C2 fF	α V^{-1}	T1 $ms.V^{-2}$	T2 $ms.V^{-1}$	T3 ms	T4 V^{-2}	T5 V^{-1}	T6
X	12.14	87.63	33.20	2.74	0.00	4.90	0.08	0.09	1.01
Y	10.73	76.37	32.48	2.58	0.00	4.90	0.57	0.00	1.01
Z	10.91	78.80	33.39	1.51	0.00	4.90	0.39	0.00	1.01

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	62.1
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disable
Probe Overall Length	337mm
Probe Body Diameter	10mm
Tip Length	9mm
Tip Diameter	2.5mm
Probe Tip to Sensor X Calibration Point	1mm
Probe Tip to Sensor Y Calibration Point	1mm
Probe Tip to Sensor Z Calibration Point	1mm
Recommended Measurement Distance from Surface	1.4mm

In Collaboration with
s p e a g
CALIBRATION LABORATORY

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2117
E-mail: emf@caict.ac.cn http://www.caict.ac.cn

DASY/EASY – Parameters of Probe: EX3DV4 – SN:7634

Calibration Parameter Determined in Head Tissue Simulating Media

f [MHz][C]	Relative Permittivity [F]	Conductivity (S/m) [F]	ConvF X	ConvF Y	ConvF Z	Alpha[G]	Depth[G] (mm)	Unct. (k=2)
750	41.9	0.89	10.60	10.60	10.60	0.17	1.19	±12.7%
835	41.5	0.90	10.19	10.19	10.19	0.16	1.39	±12.7%
900	41.5	0.97	10.15	10.15	10.15	0.18	1.31	±12.7%
1750	40.1	1.37	8.86	8.86	8.86	0.22	1.11	±12.7%
1900	40.0	1.40	8.51	8.51	8.51	0.25	1.12	±12.7%
2000	40.0	1.40	8.46	8.46	8.46	0.26	1.08	±12.7%
2300	39.5	1.67	8.32	8.32	8.32	0.66	0.68	±12.7%
2450	39.2	1.80	8.05	8.05	8.05	0.61	0.70	±12.7%
2600	39.0	1.96	7.85	7.85	7.85	0.66	0.68	±12.7%
3300	38.2	2.71	7.40	7.40	7.40	0.42	1.05	±13.9%
3500	37.9	2.91	7.20	7.20	7.20	0.45	1.03	±13.9%
3700	37.7	3.12	7.03	7.03	7.03	0.45	1.05	±13.9%
3900	37.5	3.32	6.79	6.79	6.79	0.40	1.48	±13.9%
4100	37.2	3.53	6.85	6.85	6.85	0.40	1.15	±13.9%
4200	37.1	3.63	6.78	6.78	6.78	0.35	1.35	±13.9%
4400	36.9	3.84	6.68	6.68	6.68	0.40	1.25	±13.9%
4600	36.7	4.04	6.63	6.63	6.63	0.50	1.10	±13.9%
4800	36.4	4.25	6.56	6.56	6.56	0.45	1.25	±13.9%
4950	36.3	4.40	6.36	6.36	6.36	0.45	1.25	±13.9%
5250	35.9	4.71	5.75	5.75	5.75	0.40	1.50	±13.9%
5600	35.5	5.07	5.10	5.10	5.10	0.45	1.40	±13.9%
5750	35.4	5.22	5.25	5.25	5.25	0.50	1.30	±13.9%

[C] Frequency validity above 300 MHz of ±100MHz only applies for DASY v4.4 and higher (Page 2), else it is restricted to ±50MHz. The uncertainty is the RSS of ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Above 5 GHz frequency validity can be extended to ± 110 MHz.

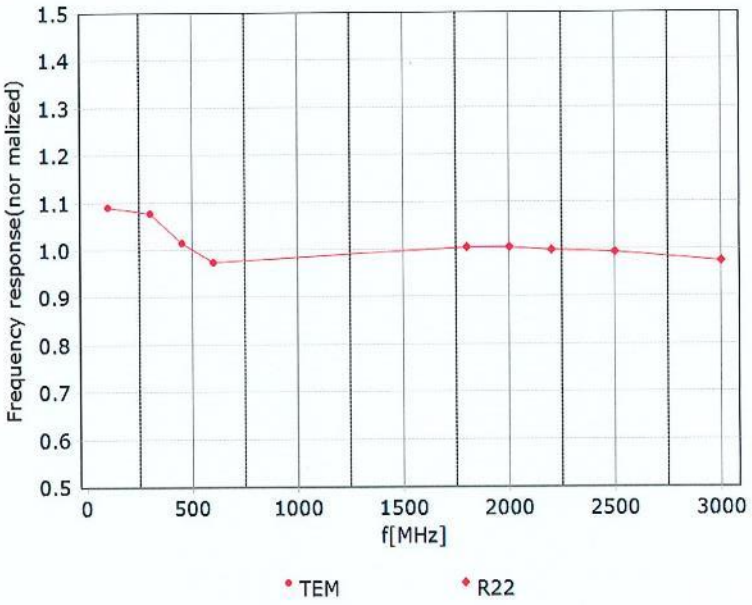
[F] At frequency up to 6 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ±10% if liquid compensation formula is applied to measured SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

[G] Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for the frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

In Collaboration with
s p e a g
CALIBRATION LABORATORY

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2117
E-mail: emf@caict.ac.cn http://www.caict.ac.cn

Frequency Response of E-Field
(TEM-Cell: ifi110 EXX, Waveguide: R22)



Uncertainty of Frequency Response of E-field: ±7.4% (*k*=2)

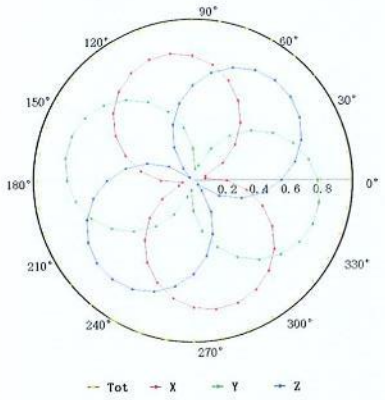
In Collaboration with
s p e a g
CALIBRATION LABORATORY

CAICT

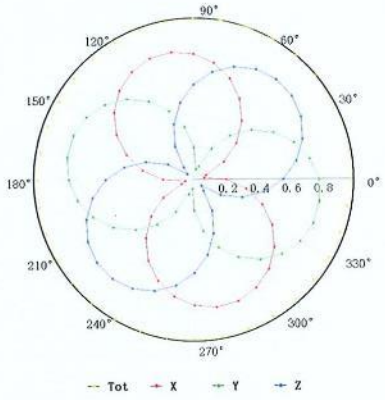
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2117
E-mail: emf@caict.ac.cn http://www.caict.ac.cn

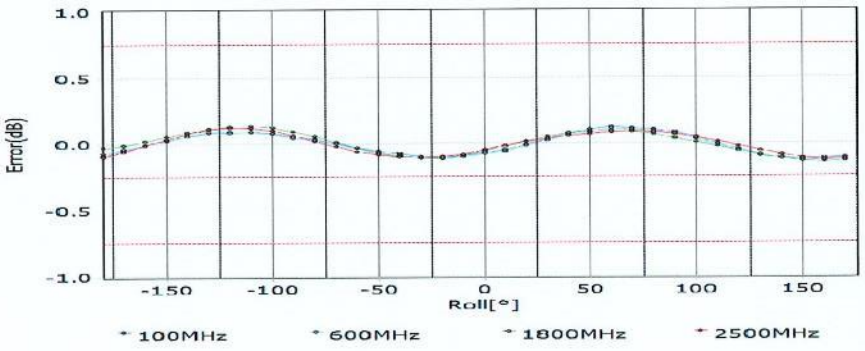
Receiving Pattern (Φ), θ=0°

f=600 MHz, TEM



f=1800 MHz, R22





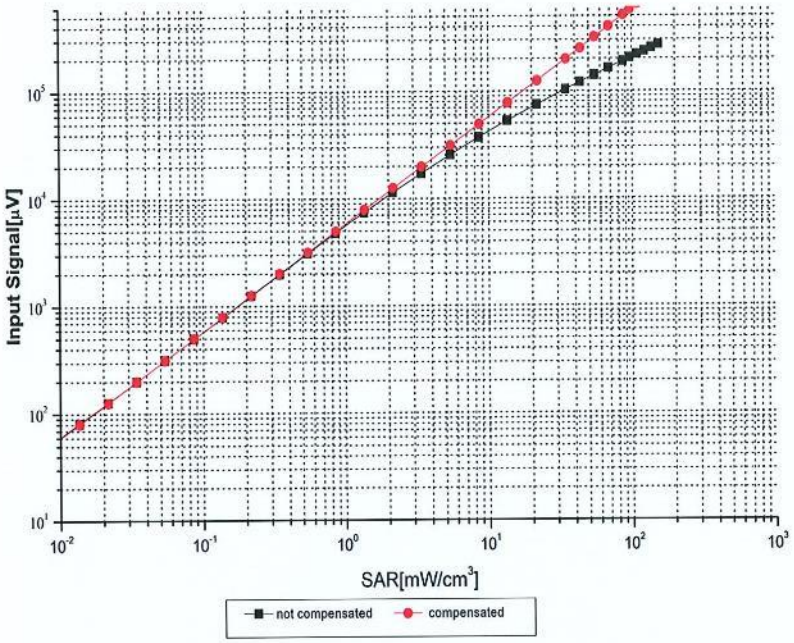
Uncertainty of Axial Isotropy Assessment: ±1.2% (*k*=2)

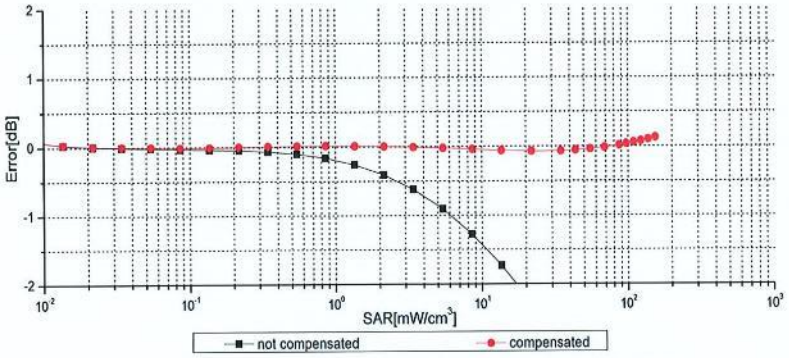
Certificate No:24J02Z000043 Page 7 of 22

In Collaboration with
s p e a g
CALIBRATION LABORATORY

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2117
E-mail: emf@caict.ac.cn http://www.caict.ac.cn

Dynamic Range f(SAR$_{head}$)
(TEM cell, f = 900 MHz)





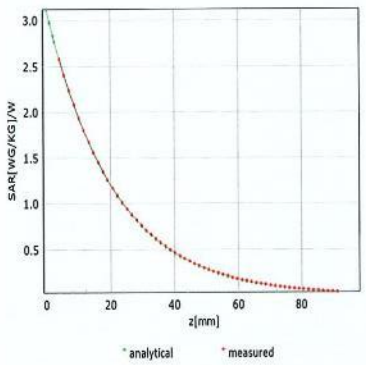
Uncertainty of Linearity Assessment: ±0.9% (*k*=2)

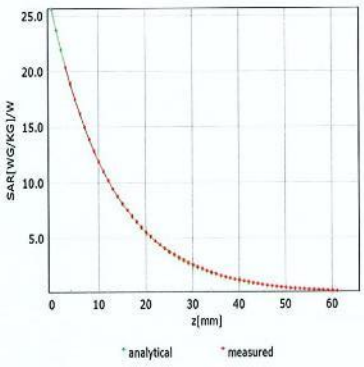
In Collaboration with
s p e a g
CALIBRATION LABORATORY

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2117
E-mail: emf@caict.ac.cn http://www.caict.ac.cn

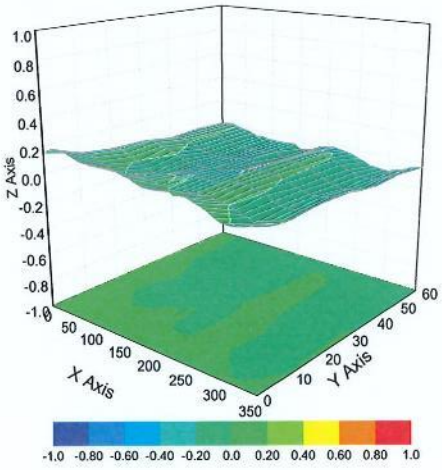
Conversion Factor Assessment

f=750 MHz,WGLS R9(H_convF) **f=1750 MHz,WGLS R22(H_convF)**





Deviation from Isotropy in Liquid



Uncertainty of Spherical Isotropy Assessment: ±3.2% (*k*=2)