Date: 2023-10-11

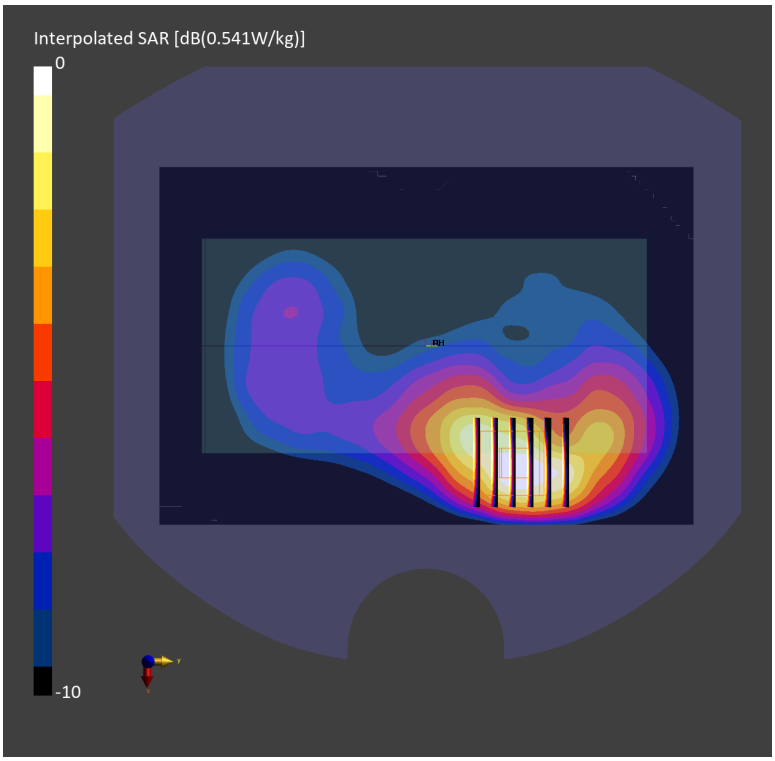
#66_LTE Band 2_20M_QPSK_1_0_Front_10mm_Ch18900

Communication System: LTE-FDD ; Frequency: 1880.000 MHz; Duty Cycle: 1:1
Medium: HSL_1900_231011 Medium parameters used: f= 1880.000 MHz; σ= 1.42 S/m; ε_r = 38.8
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7692; ConvF(8.18, 7.89, 9.24); Calibrated: 2023-07-18
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn661; Calibrated: 2023-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10169-CAF

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.427 W/kg; SAR (10g) = 0.237 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = -0.09 dB
SAR (1g) = 0.512 W/kg; SAR (8g) = 0.290 W/kg; SAR (10g) = 0.267 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 83.4 %



Date: 2023-09-28

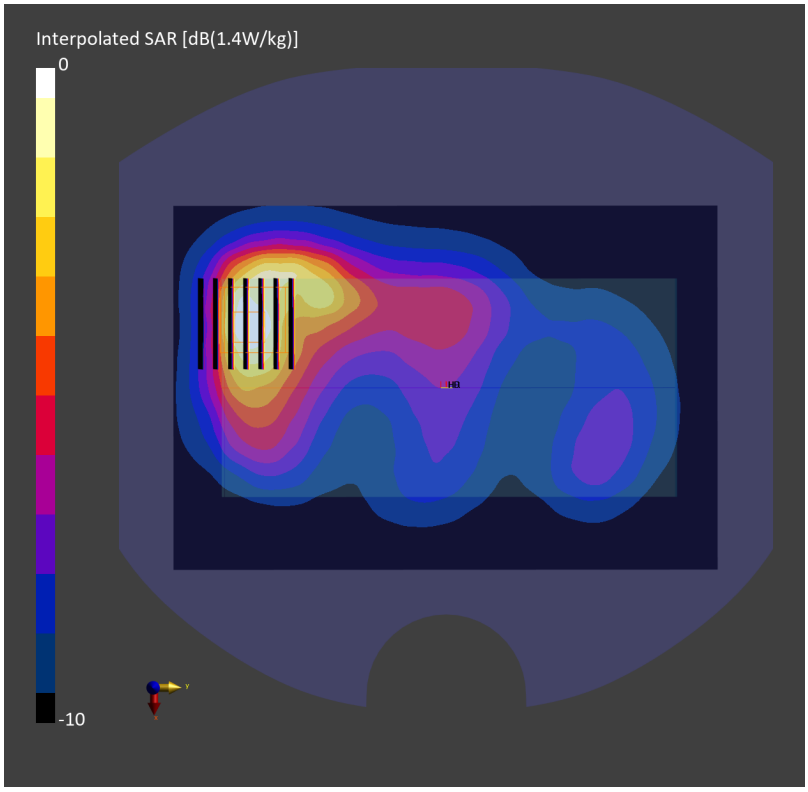
#67_LTE Band 7_20M_QPSK_1_0_Front_10mm_Ch20850

Communication System: LTE-FDD; Frequency: 2510.000 MHz; Duty Cycle: 1:1
Medium: HSL_2600_230928 Medium parameters used: f= 2510.000 MHz; σ= 1.88 S/m; ε_r = 38.3
Ambient Temperature: 23.2°C; Liquid Temperature: 22.2°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7700; ConvF(7.96, 7.96, 7.96); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10169-CAF

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.708 W/kg; SAR (10g) = 0.386 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm
Power Drift = 0.00 dB
SAR (1g) = 0.715 W/kg; SAR (8g) = 0.403 W/kg; SAR (10g) = 0.374 W/kg
Smallest distance from peaks to all points 3 dB below = 11.0 mm
Ratio of SAR at M2 to SAR at M1 = 80.8 %



Date: 2023-09-18

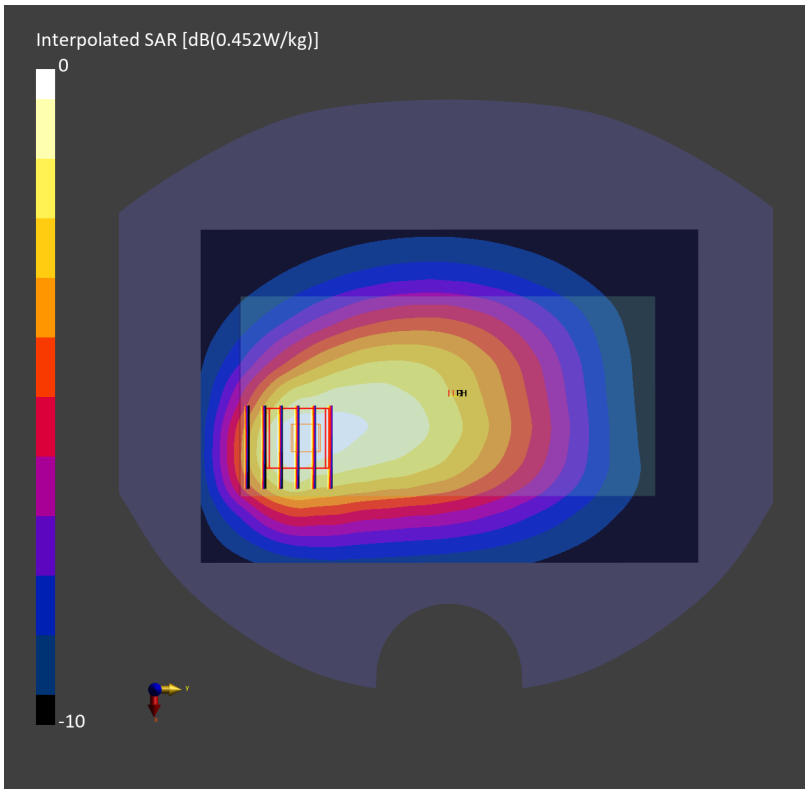
#68_LTE Band 12_10M_QPSK_1_0_Back_10mm_Ch23095

Communication System: LTE-FDD; Frequency: 707.500 MHz; Duty Cycle: 1:1
Medium: HSL_750_230918 Medium parameters used: f= 707.500 MHz; σ= 0.872 S/m; ε_r = 41.9
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7700; ConvF(10.58, 10.58, 10.58); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10175-CAH

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.324 W/kg; SAR (10g) = 0.227 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = -0.01 dB
SAR (1g) = 0.321 W/kg; SAR (8g) = 0.238 W/kg; SAR (10g) = 0.225 W/kg
Smallest distance from peaks to all points 3 dB below = > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 87.9 %



Date: 2023-09-18

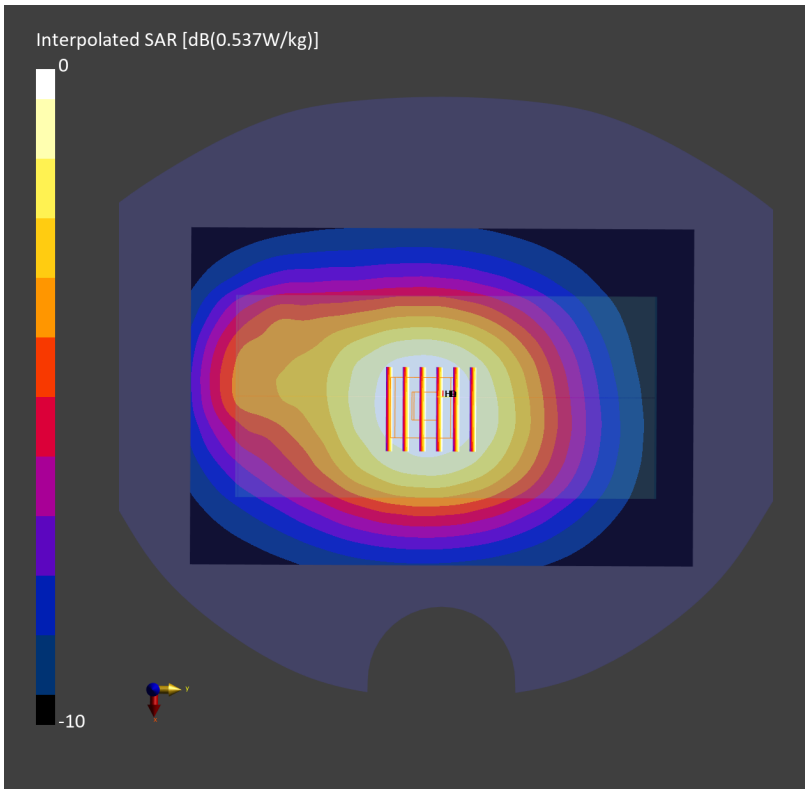
#69_LTE Band 13_10M_QPSK_1_0_Front_10mm_Ch23230

Communication System: LTE-FDD; Frequency: 782.000 MHz; Duty Cycle: 1:1
Medium: HSL_750_230918 Medium parameters used: f= 782.000 MHz; σ= 0.895 S/m; ε_r = 41.5
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7700; ConvF(10.58, 10.58, 10.58); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10175-CAH

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.420 W/kg; SAR (10g) = 0.300 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = -0.04 dB
SAR (1g) = 0.434 W/kg; SAR (8g) = 0.349 W/kg; SAR (10g) = 0.338 W/kg
Smallest distance from peaks to all points 3 dB below = > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 93.6 %



Date: 2023-09-18

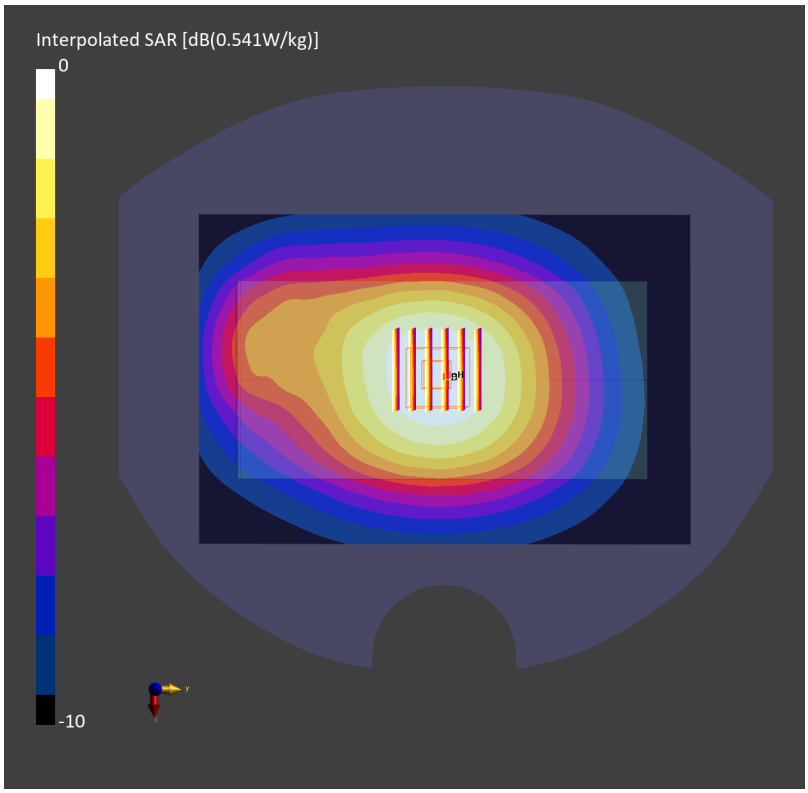
#70_LTE Band 14_10M_QPSK_1_0_Front_10mm_Ch23330

Communication System: LTE-FDD; Frequency: 793.000 MHz; Duty Cycle: 1:1
Medium: HSL_750_230918 Medium parameters used: f= 793.000 MHz; σ= 0.899 S/m; ε_r = 41.4
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7700; ConvF(10.58, 10.58, 10.58); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10175-CAH

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.427 W/kg; SAR (10g) = 0.304 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = -0.00 dB
SAR (1g) = 0.442 W/kg; SAR (8g) = 0.356 W/kg; SAR (10g) = 0.344 W/kg
Smallest distance from peaks to all points 3 dB below = > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 94.2 %



Date: 2023-09-26

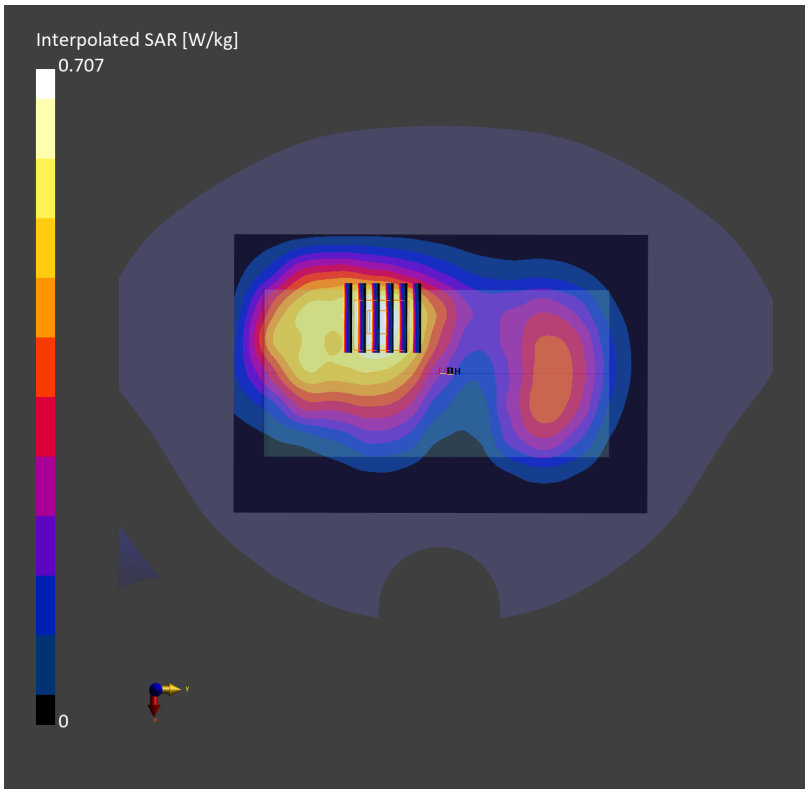
#71_LTE Band 25_20M_QPSK_1_0_Front_10mm_Ch26340

Communication System: LTE-FDD Frequency: 1880.000 MHz; Duty Cycle: 1:1
Medium: HSL_1900_230926 Medium parameters used: f= 1880.000 MHz; σ= 1.41 S/m; ε_r = 39.5
Ambient Temperature: 23.2°C; Liquid Temperature: 22.2°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7700; ConvF(8.75, 8.75, 8.75); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10169-CAF

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.437 W/kg; SAR (10g) = 0.268 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = -0.03 dB
SAR (1g) = 0.454 W/kg; SAR (8g) = 0.308 W/kg; SAR (10g) = 0.291 W/kg
Smallest distance from peaks to all points 3 dB below = 21.3 mm
Ratio of SAR at M2 to SAR at M1 = 86.0 %



Date: 2023-09-19

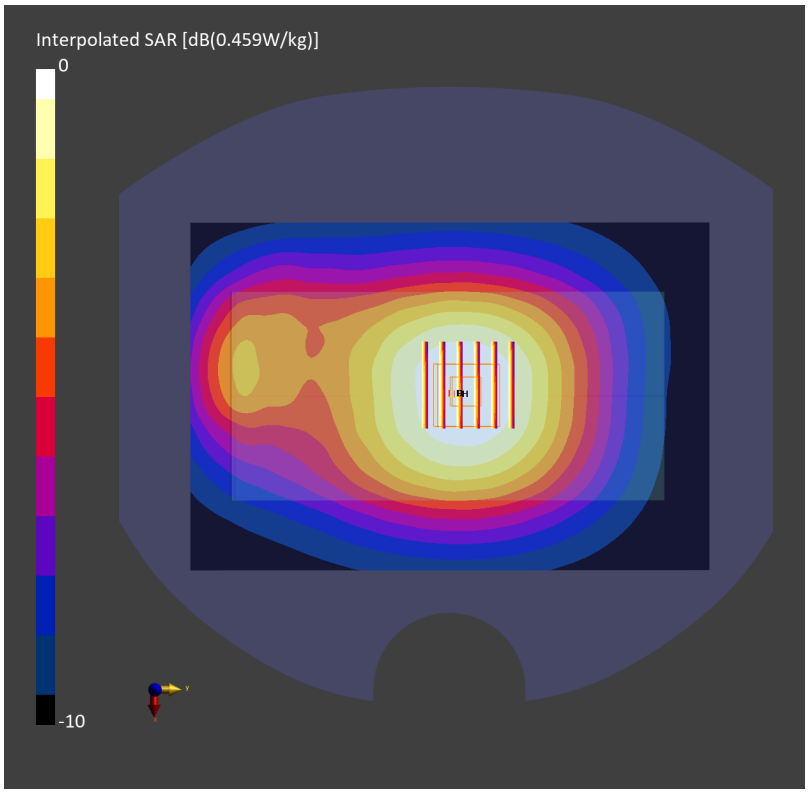
#72_LTE Band 26_15M_QPSK_1_0_Front_10mm_Ch26865

Communication System: LTE-FDD; Frequency: 831.500 MHz; Duty Cycle: 1:1
Medium: HSL_850_230919 Medium parameters used: f= 831.500 MHz; σ= 0.914 S/m; ε_r = 41.4
Ambient Temperature: 23.1°C; Liquid Temperature: 22.1°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7700; ConvF(10.36, 10.36, 10.36); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10181-CAF

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.359 W/kg; SAR (10g) = 0.256 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = -0.01 dB
SAR (1g) = 0.373 W/kg; SAR (8g) = 0.299 W/kg; SAR (10g) = 0.289 W/kg
Smallest distance from peaks to all points 3 dB below = > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 94.1 %



Date: 2023-09-27

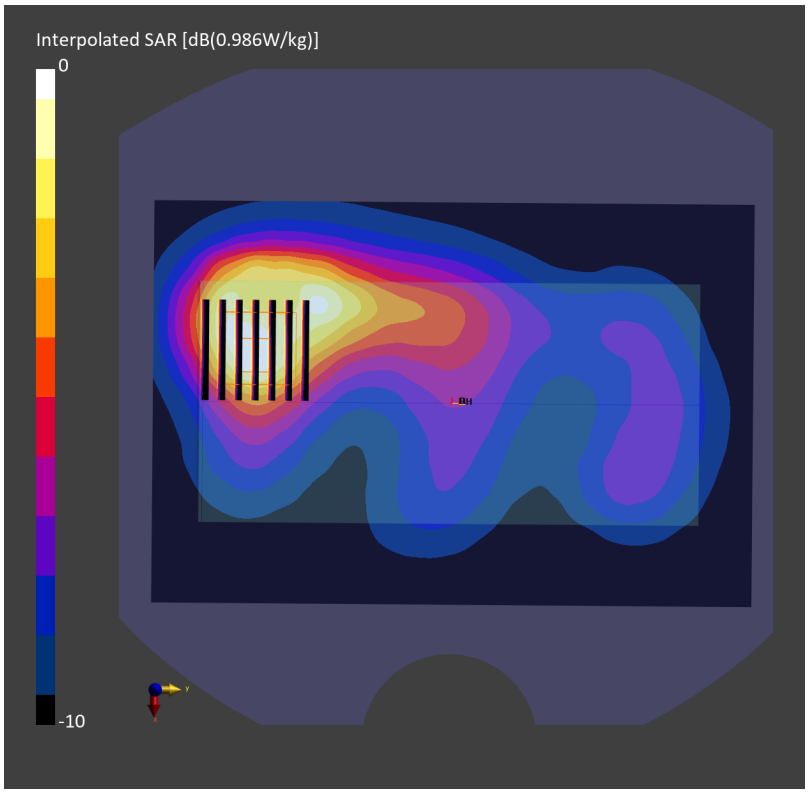
#73_LTE Band 30_10M_QPSK_1_0_Front_10mm_Ch27710

Communication System: LTE-FDD; Frequency: 2310.000 MHz; Duty Cycle: 1:1
Medium: HSL_2300_230927 Medium parameters used: f= 2310.000 MHz; σ= 1.67 S/m; ε_r = 39.0
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7700; ConvF(8.37, 8.37, 8.37); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10175-CAH

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.514 W/kg; SAR (10g) = 0.296 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm
Power Drift = -0.01 dB
SAR (1g) = 0.536 W/kg; SAR (8g) = 0.312 W/kg; SAR (10g) = 0.290 W/kg
Smallest distance from peaks to all points 3 dB below = 14.9 mm
Ratio of SAR at M2 to SAR at M1 = 82.3 %



Date: 2023-10-04

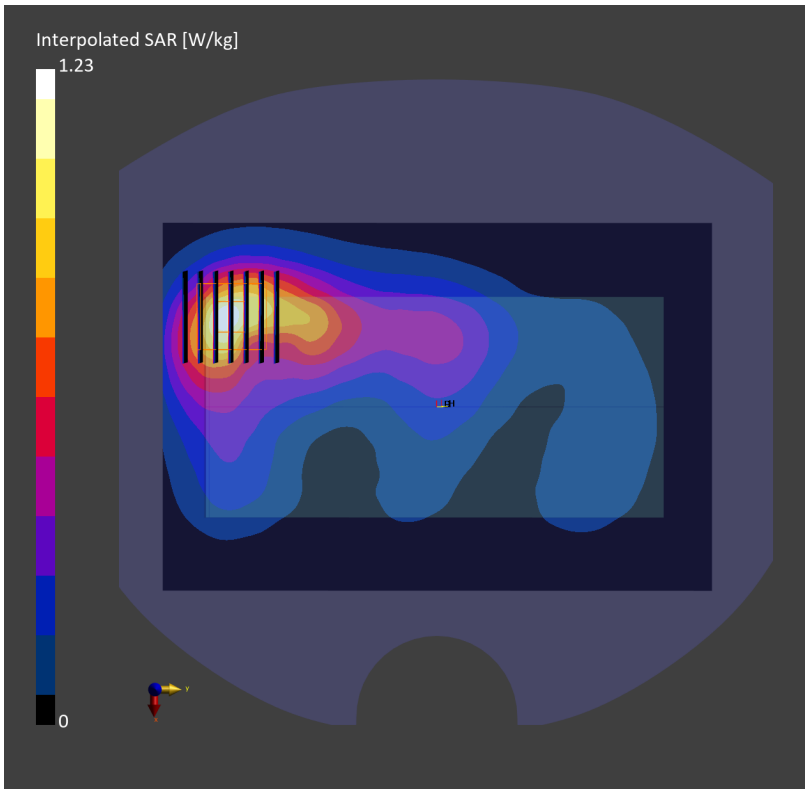
#74_LTE Band 41_20M_QPSK_1_0_Back_10mm_Ch41490

Communication System: LTE-TDD; Frequency: 2680.000 MHz; Duty Cycle: 1:1.59
Medium: HSL_2600_231004 Medium parameters used: f= 2680.000 MHz; σ= 2.06 S/m; ε_r = 37.5
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7700; ConvF(7.96, 7.96, 7.96); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-TDD, 10172-CAH

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.607 W/kg; SAR (10g) = 0.302 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm
Power Drift = -0.04 dB
SAR (1g) = 0.616 W/kg; SAR (8g) = 0.334 W/kg; SAR (10g) = 0.306 W/kg
Smallest distance from peaks to all points 3 dB below = 11.4 mm
Ratio of SAR at M2 to SAR at M1 = 80.4 %



Date: 2023-10-05

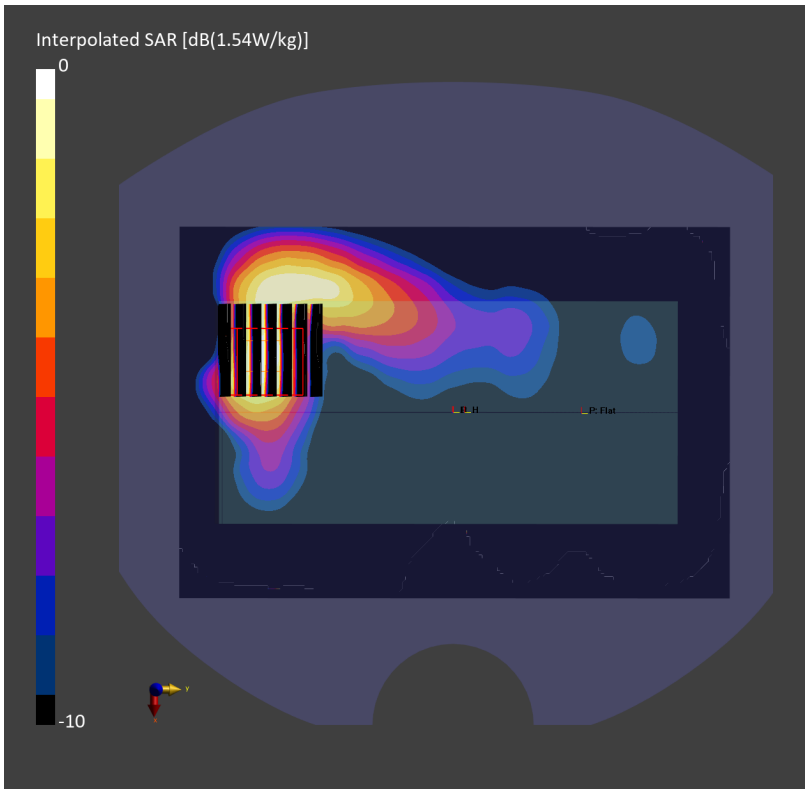
#75_LTE Band 48_20M_QPSK_1_0_Front_10mm_Ch55830

Communication System: LTE-TDD; Frequency: 3609.000 MHz; Duty Cycle: 1:1.59
Medium: HSL_3700_231005 Medium parameters used: f= 3609.000 MHz; σ= 3.04 S/m; ε_r = 38.1
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7700; ConvF(7.25, 7.25, 7.25); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-TDD, 10435-AAG

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.604 W/kg; SAR (10g) = 0.256 W/kg;

Zoom Scan (28.0 mm x 28.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm
Power Drift = -0.12 dB
SAR (1g) = 0.652 W/kg; SAR (8g) = 0.298 W/kg; SAR (10g) = 0.266 W/kg
Smallest distance from peaks to all points 3 dB below = 8.0 mm
Ratio of SAR at M2 to SAR at M1 = 77.7 %



Date: 2023-09-29

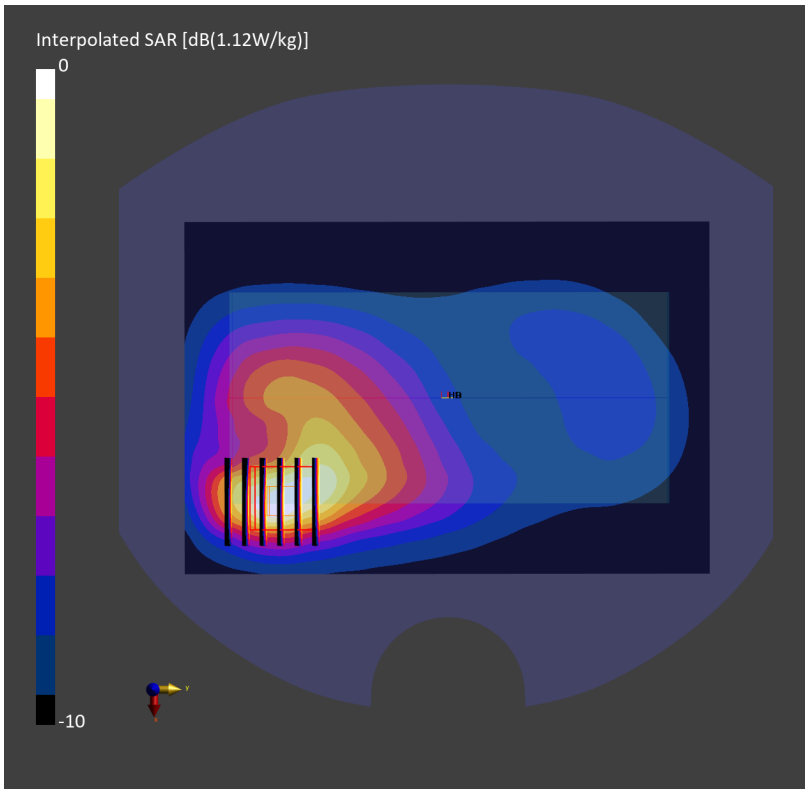
#76_LTE Band 66_20M_QPSK_1_0_Front_10mm_Ch132572

Communication System: LTE-FDD; Frequency: 1770.000 MHz; Duty Cycle: 1:1
Medium: HSL_1750_230929 Medium parameters used: f= 1770.000 MHz; σ= 1.39 S/m; ε_r = 41.0
Ambient Temperature: 23.9°C; Liquid Temperature: 22.9°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7700; ConvF(9.21, 9.21, 9.21); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10169-CAF

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 15.0 mm
SAR (1g) = 0.648 W/kg; SAR (10g) = 0.384 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = 0.01 dB
SAR (1g) = 0.652 W/kg; SAR (8g) = 0.408 W/kg; SAR (10g) = 0.379 W/kg
Smallest distance from peaks to all points 3 dB below = 12.0 mm
Ratio of SAR at M2 to SAR at M1 = 84.2 %



Date: 2023-09-16

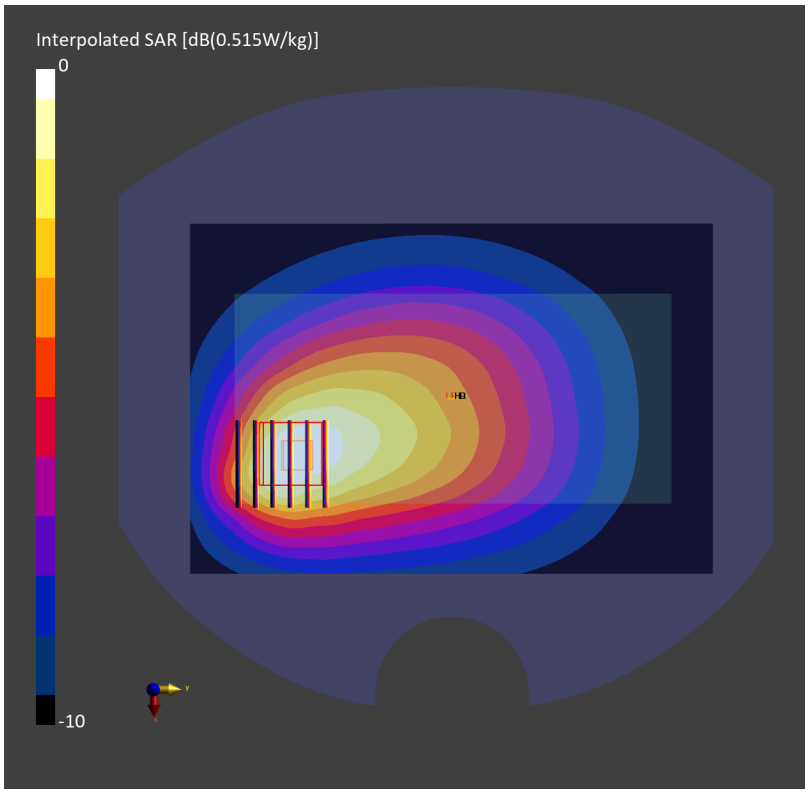
#77_LTE Band 71_20M_QPSK_1_0_Back_10mm_Ch133297

Communication System: LTE-FDD; Frequency: 680.500 MHz; Duty Cycle: 1:1
Medium: HSL_750_230916 Medium parameters used: f= 680.500 MHz; σ= 0.866 S/m; ε_r = 42.1
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7700; ConvF(10.58, 10.58, 10.58); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10169-CAF

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.353 W/kg; SAR (10g) = 0.247 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = -0.01 dB
SAR (1g) = 0.349 W/kg; SAR (8g) = 0.252 W/kg; SAR (10g) = 0.238 W/kg
Smallest distance from peaks to all points 3 dB below = > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 89.1 %



Date: 2023-10-03

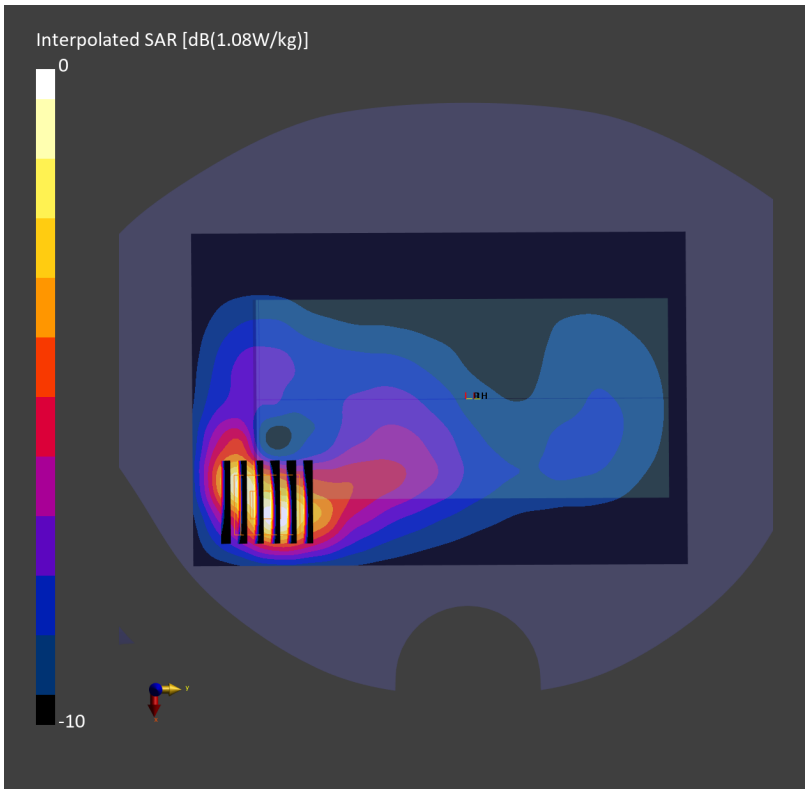
#78_FR1 n2_20M_BPSK_50_28_Front_10mm_Ch376000

Communication System: 5G NR; Frequency: 1880.000 MHz; Duty Cycle: 1:1
Medium: HSL_1900_231003 Medium parameters used: f= 1880.000 MHz; σ= 1.42 S/m; ε_r = 39.5
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7700; ConvF(8.75, 8.75, 8.75); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10939-AAC

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.470 W/kg; SAR (10g) = 0.265 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = -0.03 dB
SAR (1g) = 0.591 W/kg; SAR (8g) = 0.329 W/kg; SAR (10g) = 0.302 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 82.8 %



Date: 2023-09-24

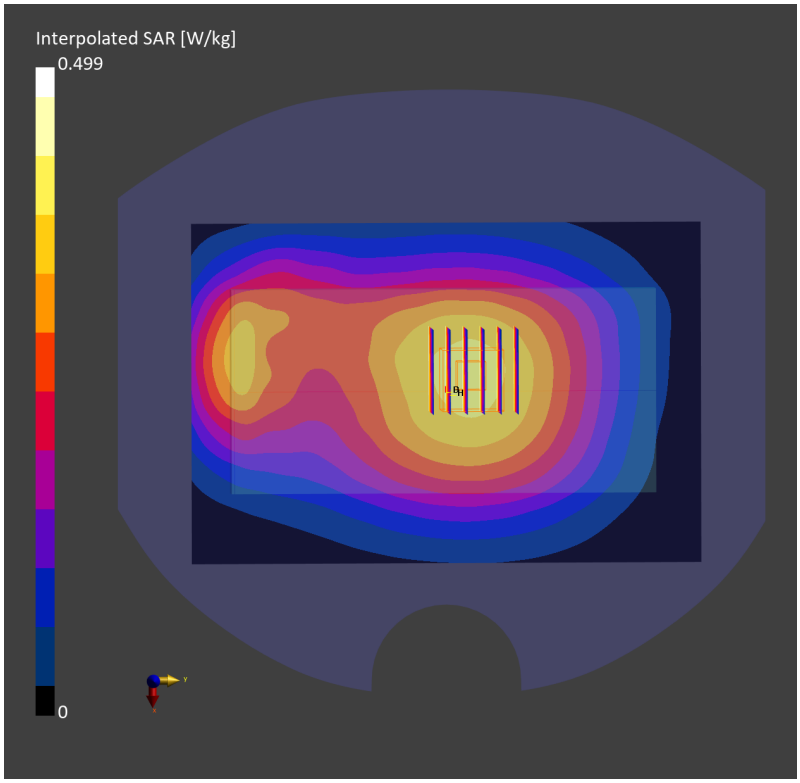
#79_FR1 n5_20M_BPSK_50_28_Front_10mm_Ch167300

Communication System: 5G NR ; Frequency: 836.500 MHz; Duty Cycle: 1:1
Medium: HSL_850_230924 Medium parameters used: f= 836.500 MHz; σ= 0.894 S/m; ε_r = 41.4
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY8 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(9.85, 9.85, 9.85); Calibrated: 2022-10-31
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1696; Calibrated: 2022-11-09
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10939-AAC

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.346 W/kg; SAR (10g) = 0.246 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = -0.06 dB
SAR (1g) = 0.369 W/kg; SAR (8g) = 0.294 W/kg; SAR (10g) = 0.284 W/kg
Smallest distance from peaks to all points 3 dB below = > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 89.1 %



Date: 2023-09-27

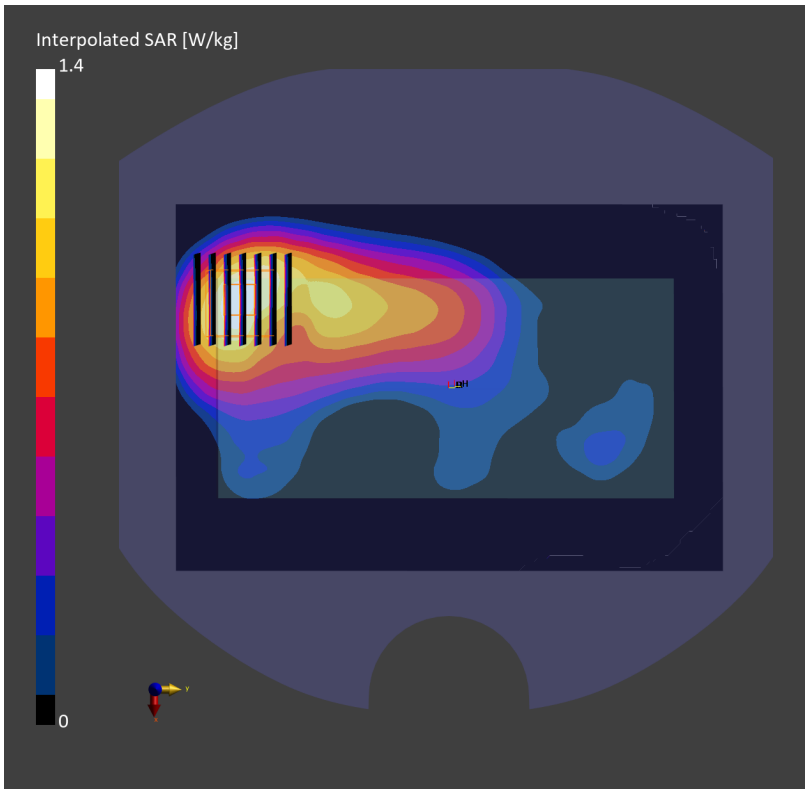
#80_FR1 n7_50M_BPSK_1_1_Back_10mm_Ch507000

Communication System: 5G NR ; Frequency: 2535.000 MHz; Duty Cycle: 1:1
Medium: HSL_2600_230927 Medium parameters used: f= 2535.000 MHz; σ= 1.93 S/m; ε_r = 38.2
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7700; ConvF(7.96, 7.96, 7.96); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10935-AAD

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.716 W/kg; SAR (10g) = 0.358 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm
Power Drift = -0.13 dB
SAR (1g) = 0.734 W/kg; SAR (8g) = 0.402 W/kg; SAR (10g) = 0.368 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 82.0 %



Date: 2023-10-12

#81_FR1 n48_40M_BPSK_50_25_Back_10mm_Ch641666

Communication System: 5G NR Frequency: 3624.99 MHz; Duty Cycle: 1:1
Medium: HSL_3700_231012 Medium parameters used: f= 3624.99 MHz; σ= 3.08 S/m; ε_r = 38.0
Ambient Temperature: 23.7°C; Liquid Temperature: 22.7°C

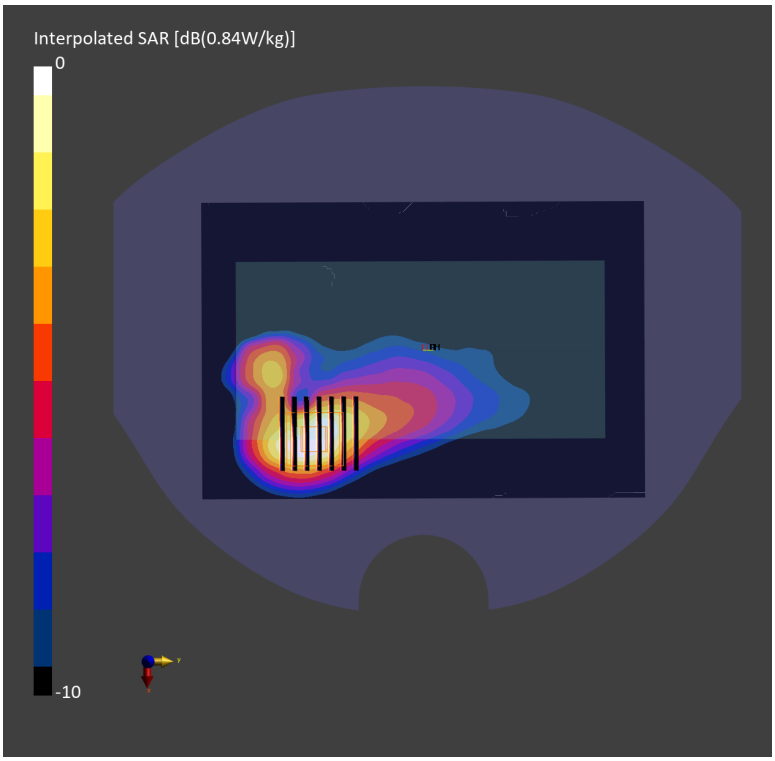
DASY8 Configuration:
- Probe: EX3DV4 - SN7692; ConvF(7.11, 6.91, 8.06); Calibrated: 2023-07-18
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn661; Calibrated: 2023-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 TDD, 10810-AAF

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.635 W/kg; SAR (10g) = 0.283 W/kg;

Zoom Scan (28.0 mm x 28.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

Power Drift = -0.02 dB
SAR (1g) = 0.708 W/kg; SAR (8g) = 0.328 W/kg; SAR (10g) = 0.294 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 77.8 %



Date: 2023-09-24

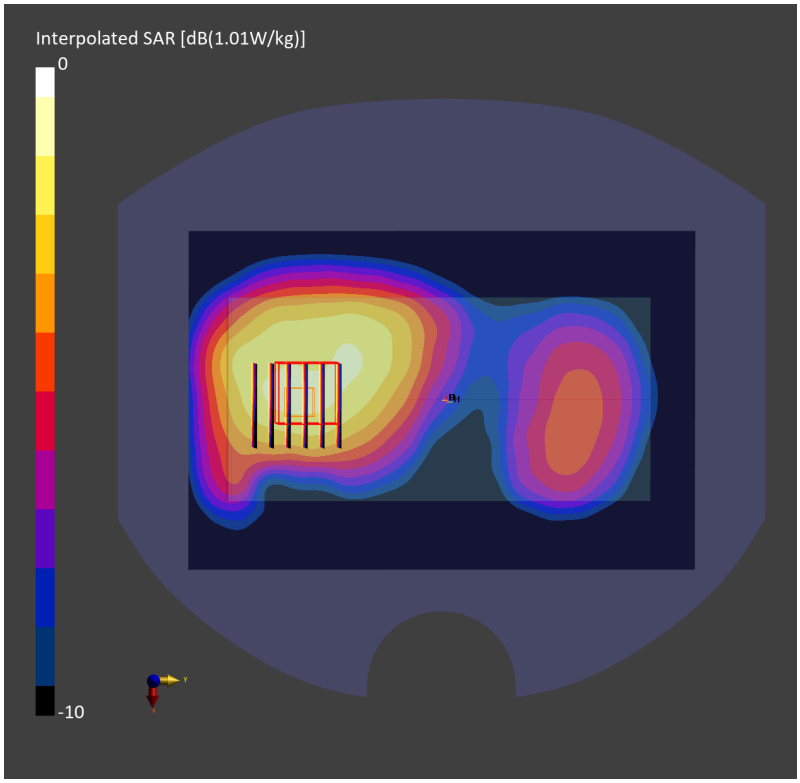
#82_FR1 n66_40M_BPSK_1_108_Front_10mm_Ch349000

Communication System: 5G NR; Frequency: 1745.000 MHz; Duty Cycle: 1:1
Medium: HSL_1750_230924 Medium parameters used: f= 1745.000 MHz; σ= 1.36 S/m; ε_r = 41.0
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY8 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(8.66, 8.66, 8.66); Calibrated: 2022-10-31
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1696; Calibrated: 2022-11-09
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10934-AAC

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.631 W/kg; SAR (10g) = 0.401 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = -0.03 dB
SAR (1g) = 0.666 W/kg; SAR (8g) = 0.474 W/kg; SAR (10g) = 0.451 W/kg
Smallest distance from peaks to all points 3 dB below = > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 86.7 %



Date: 2023-09-16

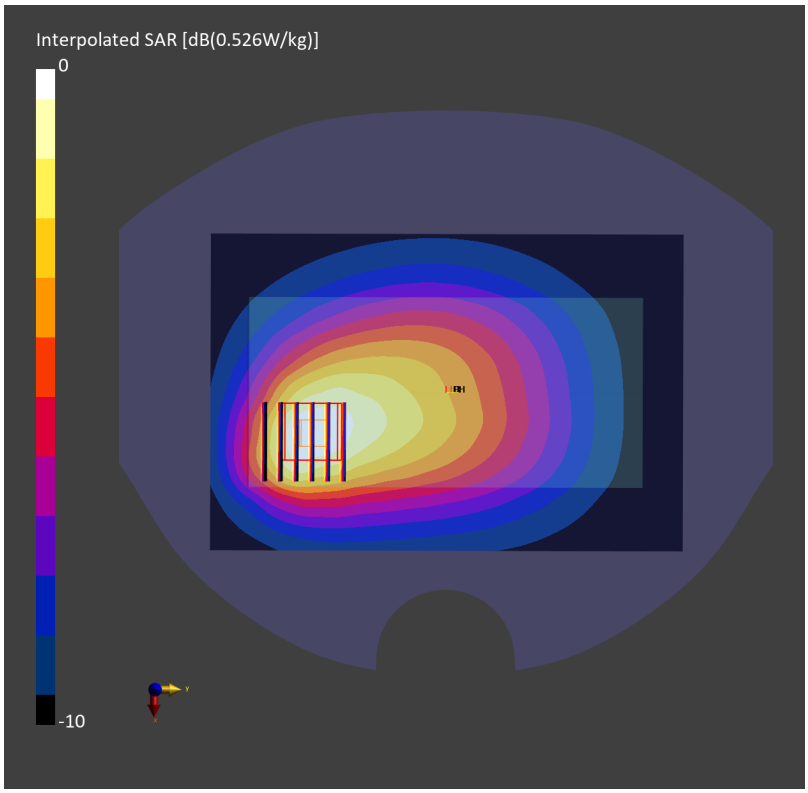
#83_FR1 n71_20M_BPSK_1_53_Back_10mm_Ch136100

Communication System: 5G NR; Frequency: 680.500 MHz; Duty Cycle: 1:1
Medium: HSL_750_230916 Medium parameters used: f= 680.500 MHz; σ= 0.866 S/m; ε_r = 42.1
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7700; ConvF(10.58, 10.58, 10.58); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10169-CAF

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.354 W/kg; SAR (10g) = 0.248 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = -0.01 dB
SAR (1g) = 0.352 W/kg; SAR (8g) = 0.254 W/kg; SAR (10g) = 0.239 W/kg
Smallest distance from peaks to all points 3 dB below = > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 88.7 %



Date: 2023-10-05

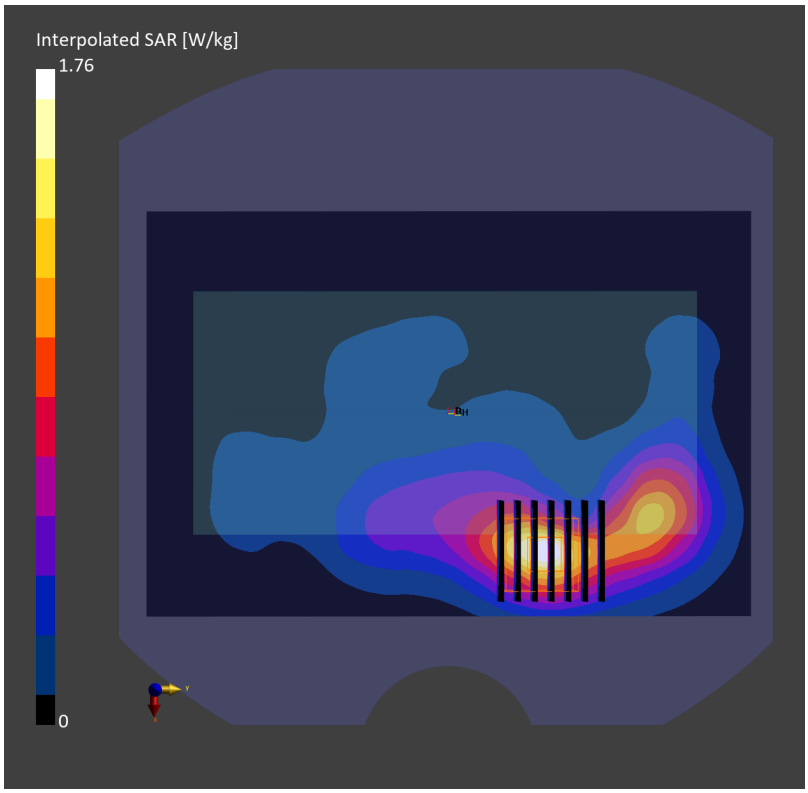
#84_FR1 n77_100M_BPSK_1_1_Front_10mm_Ch633332

Communication System: 5G NR; Frequency: 3499.980 MHz; Duty Cycle: 1:1
Medium: HSL_3500_231005 Medium parameters used: f= 3499.980 MHz; σ= 2.95 S/m; ε_r = 38.2
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7700; ConvF(7.29, 7.29, 7.29); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 TDD, 10866-AAF

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.704 W/kg; SAR (10g) = 0.301 W/kg;

Zoom Scan (28.0 mm x 28.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm
Power Drift = -0.10 dB
SAR (1g) = 0.736 W/kg; SAR (8g) = 0.345 W/kg; SAR (10g) = 0.310 W/kg
Smallest distance from peaks to all points 3 dB below = 9.5 mm
Ratio of SAR at M2 to SAR at M1 = 76.6 %



Date: 2023-09-21

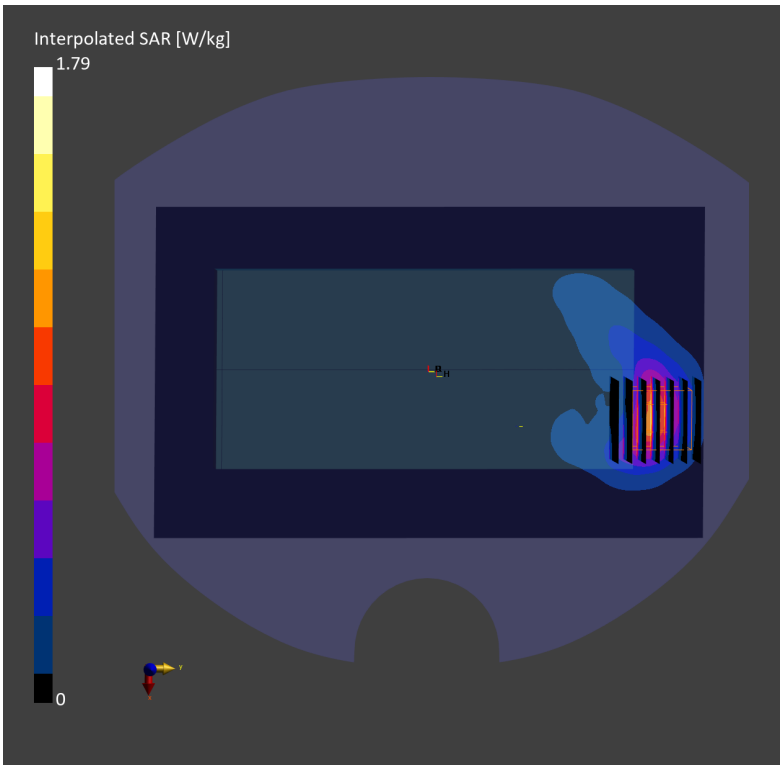
#85_WLAN2.4GHz_802.11b 1Mbps_Front_10mm_Ch12

Communication System: IEEE 802.11b ; Frequency: 2467.000 MHz; Duty Cycle: 1:1.014
Medium: HSL_2450_230921 Medium parameters used: f= 2467.000 MHz; σ= 1.82 S/m; ε_r = 39.9
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7625; ConvF(7.92, 7.92, 7.92); Calibrated: 2023-01-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1697; Calibrated: 2022-12-15
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10012-CAB

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.867 W/kg; SAR (10g) = 0.390 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm
Power Drift = -0.09 dB
SAR (1g) = 0.913 W/kg; SAR (8g) = 0.472 W/kg; SAR (10g) = 0.428 W/kg
Smallest distance from peaks to all points 3 dB below = 7.1 mm
Ratio of SAR at M2 to SAR at M1 = 82.7 %



Date: 2023-09-22

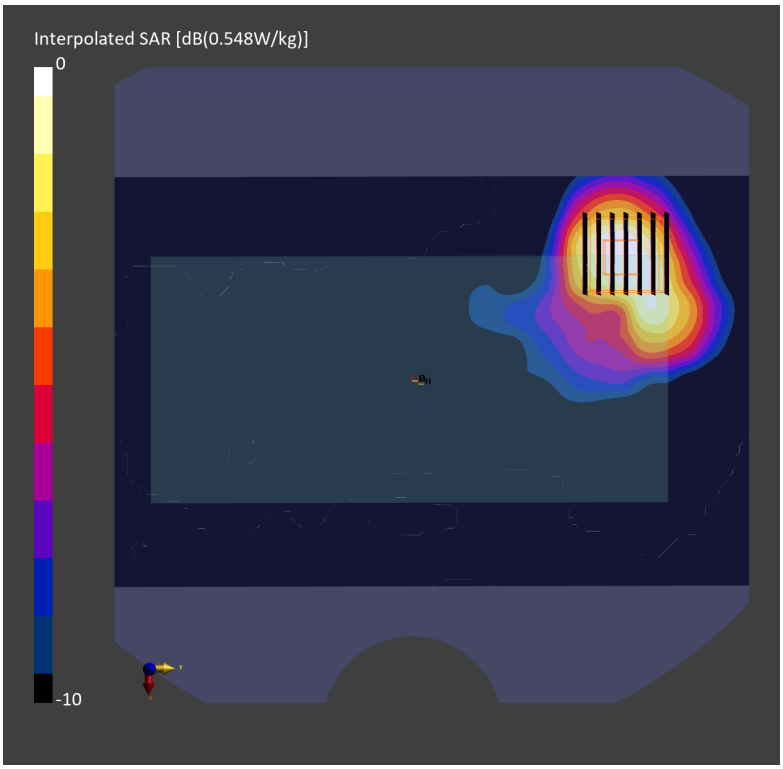
#86_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch52

Communication System: IEEE 802.11a ; Frequency: 5260 MHz; Duty Cycle: 1:1.068
Medium: HSL_5250_230922 Medium parameters used: f= 5260 MHz; σ= 4.69 S/m; ε_r = 35.8
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7625; ConvF(5.5, 5.5, 5.5); Calibrated: 2023-01-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1697; Calibrated: 2022-12-15
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10062-CAE

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.164 W/kg; SAR (10g) = 0.066 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Power Drift = 0.17 dB
SAR (1g) = 0.174 W/kg; SAR (8g) = 0.078 W/kg; SAR (10g) = 0.070 W/kg
Smallest distance from peaks to all points 3 dB below = 10.7 mm
Ratio of SAR at M2 to SAR at M1 = 67.7 %



Date: 2023-09-22

#87_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch144

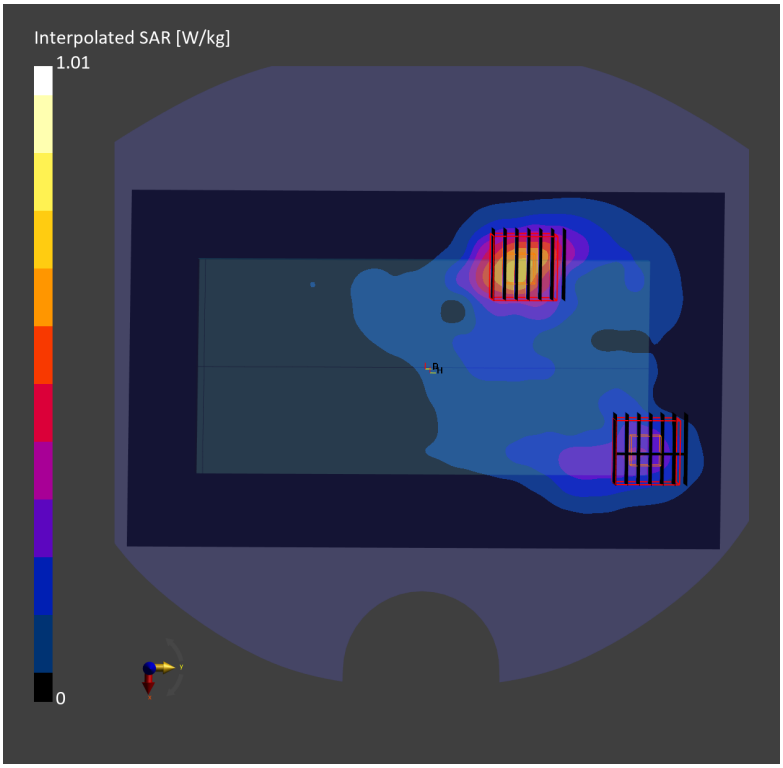
Communication System: IEEE 802.11a; Frequency: 5720.000 MHz; Duty Cycle: 1:1.07
Medium: HSL_5G_230922 Medium parameters used: f= 5720.000 MHz; σ= 5.22 S/m; ε_r = 35.0
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7625; ConvF(4.95, 4.95, 4.95); Calibrated: 2023-01-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1697; Calibrated: 2022-12-15
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10317-AAE

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.277 W/kg; SAR (10g) = 0.107 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Power Drift = -0.05 dB
SAR (1g) = 0.145 W/kg; SAR (8g) = 0.060 W/kg; SAR (10g) = 0.053 W/kg
Smallest distance from peaks to all points 3 dB below = 9.8 mm
Ratio of SAR at M2 to SAR at M1 = 64.4 %

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Power Drift = -0.05 dB
SAR (1g) = 0.294 W/kg; SAR (8g) = 0.129 W/kg; SAR (10g) = 0.115 W/kg
Smallest distance from peaks to all points 3 dB below = 9.8 mm
Ratio of SAR at M2 to SAR at M1 = 64.4 %



Date: 2023-09-22

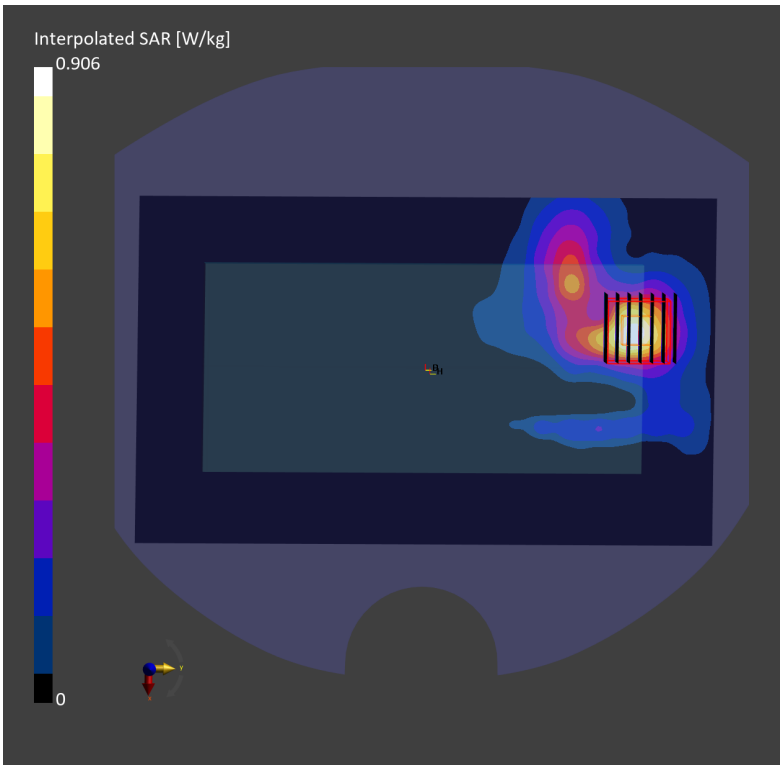
#88_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch157

Communication System: IEEE 802.11a; Frequency: 5785.000 MHz; Duty Cycle: 1:1.068
Medium: HSL_5G_230922 Medium parameters used: f= 5785.000 MHz; σ= 5.31 S/m; ε_r = 34.8
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7625; ConvF(4.95, 4.95, 4.95); Calibrated: 2023-01-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1697; Calibrated: 2022-12-15
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10317-AAE

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.245 W/kg; SAR (10g) = 0.089 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Power Drift = -0.06 dB
SAR (1g) = 0.257 W/kg; SAR (8g) = 0.106 W/kg; SAR (10g) = 0.093 W/kg
Smallest distance from peaks to all points 3 dB below = 9.1 mm
Ratio of SAR at M2 to SAR at M1 = 63.5 %



Date: 2023-09-22

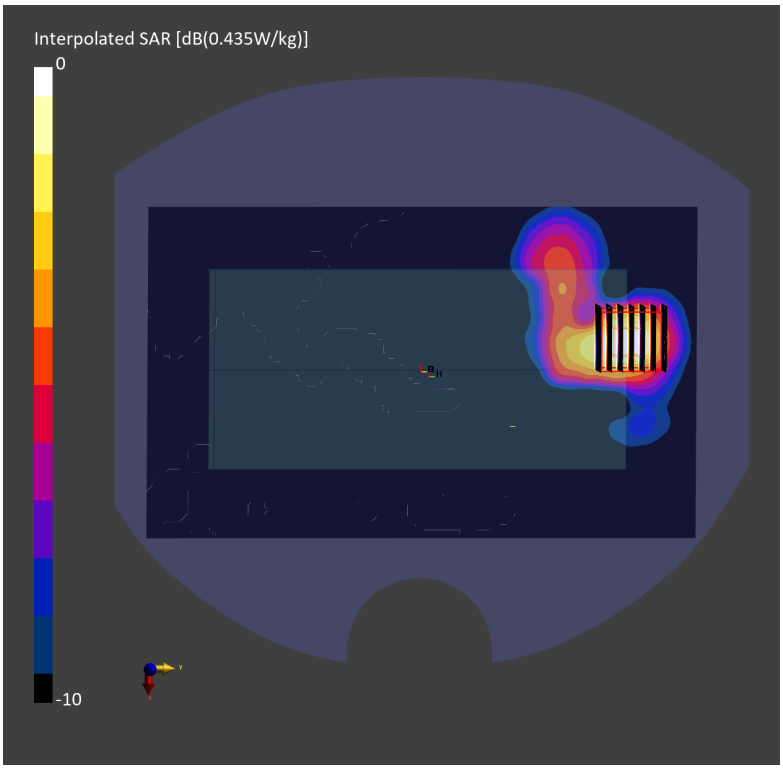
#89_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch173

Communication System: IEEE 802.11a; Frequency: 5865.000 MHz; Duty Cycle: 1:1.068
Medium: HSL_5G_230922 Medium parameters used: f= 5865.000 MHz; σ= 5.40 S/m; ε_r = 34.7
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7625; ConvF(4.81, 4.81, 4.81); Calibrated: 2023-01-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1697; Calibrated: 2022-12-15
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10062-CAE

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.321 W/kg; SAR (10g) = 0.115 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Power Drift = 0.01 dB
SAR (1g) = 0.340 W/kg; SAR (8g) = 0.138 W/kg; SAR (10g) = 0.121 W/kg
Smallest distance from peaks to all points 3 dB below = 9.7 mm
Ratio of SAR at M2 to SAR at M1 = 61.8 %



Date: 2023-09-23

#90_WLAN6GHz_802.11a 6Mbps_Back_10mm_Ch173

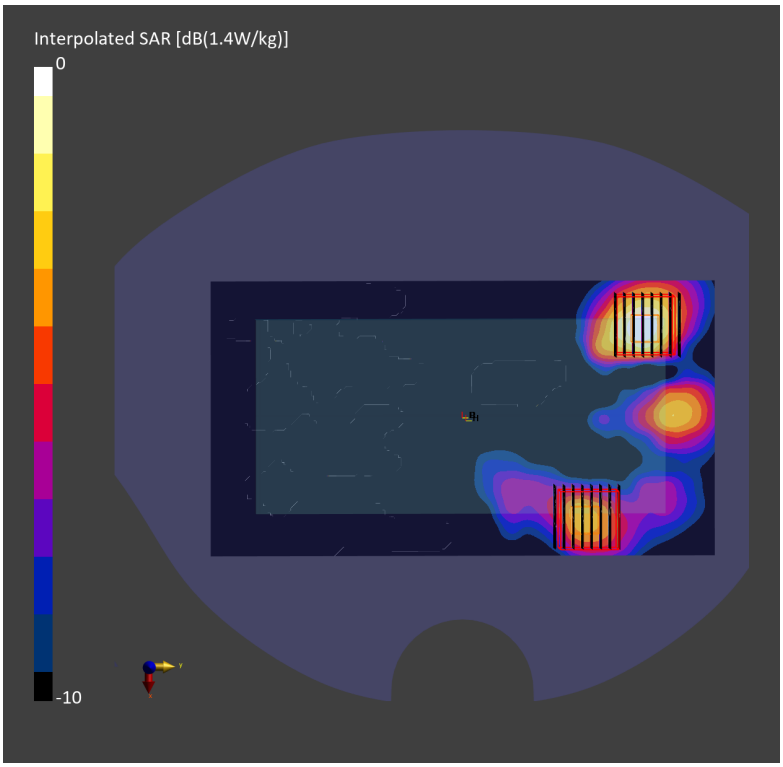
Communication System: IEEE 802.11a ; Frequency: 6815.000 MHz; Duty Cycle: 1:1.070
Medium: HSL_6G_230923 Medium parameters used: f= 6815.000 MHz; σ= 6.57 S/m; ε_r = 34.5
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7625; ConvF(5.5, 5.5, 5.5); Calibrated: 2023-01-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1697; Calibrated: 2022-12-15
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10062-CAE

Area Scan (102.0 mm x 187.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 0.295 W/kg; SAR (10g) = 0.103 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm
Power Drift = -0.06 dB
SAR (1g) = 0.304 W/kg; SAR (8g) = 0.121 W/kg; SAR (10g) = 0.106 W/kg
Smallest distance from peaks to all points 3 dB below = 9.8 mm
Ratio of SAR at M2 to SAR at M1 = 52.1 %
psAPD (1.0cm2, sq) = 3.04 [W/m2]; psAPD (4.0cm2, sq) = 2.41 [W/m2]

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm
Power Drift = -0.06 dB
SAR (1g) = 0.171 W/kg; SAR (8g) = 0.070 W/kg; SAR (10g) = 0.062 W/kg
Smallest distance from peaks to all points 3 dB below = 9.8 mm
Ratio of SAR at M2 to SAR at M1 = 52.1 %
psAPD (1.0cm2, sq) = 1.71 [W/m2]; psAPD (4.0cm2, sq) = 1.41 [W/m2]


Interpolated SAR [dB(1.4W/kg)]
0
-10

Date: 2023-09-21

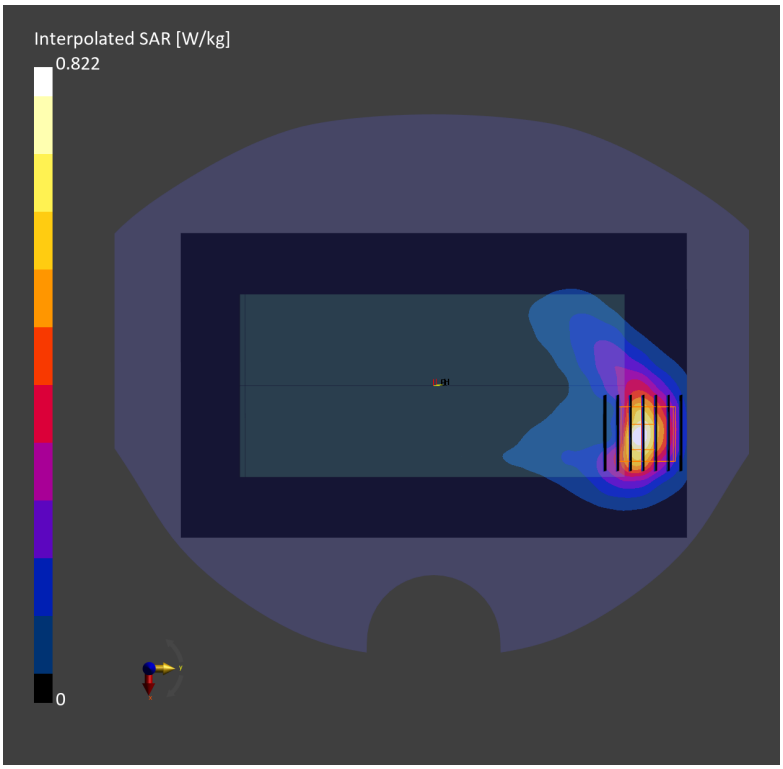
#91_Bluetooth_1Mbps_Front_10mm_Ch78

Communication System: IEEE 802.15.1 Bluetooth; Frequency: 2480.000 MHz; Duty Cycle: 1:1.298
Medium: HSL_2450_230921 Medium parameters used: f= 2480.000 MHz; σ= 1.84 S/m; ε_r = 39.9
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7625; ConvF(7.92, 7.92, 7.92); Calibrated: 2023-01-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1697; Calibrated: 2022-12-15
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: Bluetooth, 10032-CAA

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.400 W/kg; SAR (10g) = 0.181 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm
Power Drift = -0.07 dB
SAR (1g) = 0.430 W/kg; SAR (8g) = 0.223 W/kg; SAR (10g) = 0.202 W/kg
Smallest distance from peaks to all points 3 dB below = 7.7 mm
Ratio of SAR at M2 to SAR at M1 = 83.8 %



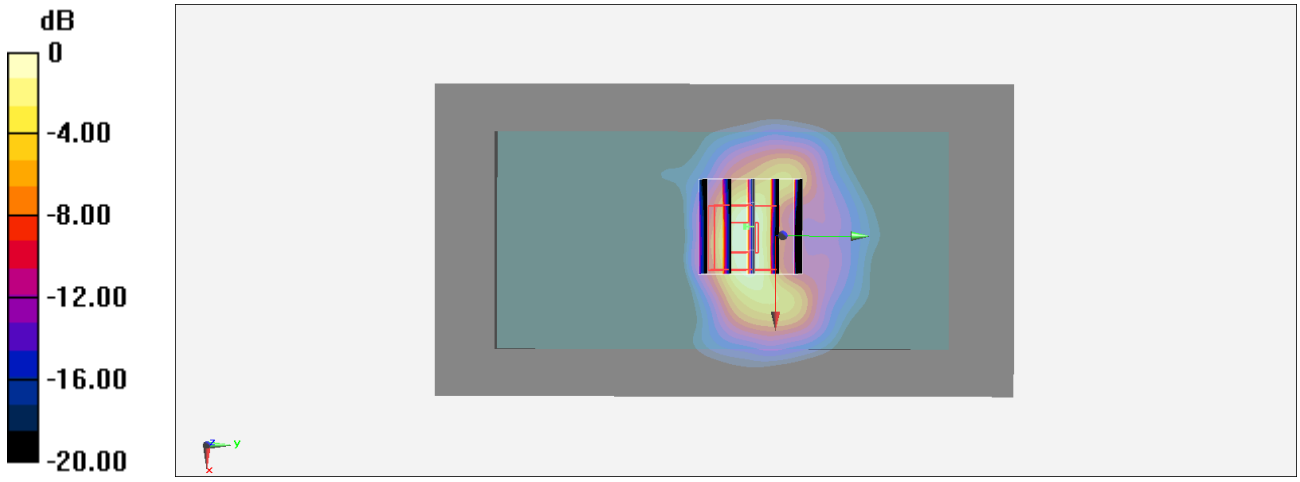
#92_NFC_Back_0mm_13.56MHz

Communication System: NFC; Frequency: 13.56 MHz;Duty Cycle: 1:1
Medium: HSL_13_231013 Medium parameters used : f = 13.56 MHz; σ = 0.728 S/m; ε_r = 54.673; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7695; ConvF(18.04, 18.04, 18.04) @ 13.56 MHz; Calibrated: 2023/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2023/1/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.479 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.71 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.698 W/kg
SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.072 W/kg
Maximum value of SAR (measured) = 0.472 W/kg



0 dB = 0.472 W/kg = -3.26 dBW/kg

Measurement Report for Device

Device Under Test Properties

#93 Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	152.0 x 72.0 x 10.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	FRONT, 2.00	6785.0	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1044	Air -	EUmmWV4 - SN9461_F1-55GHz, 2022-10-25	DAE4 Sn1697, 2022-12-15

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 100.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0

Measurement Results

Date	2023-10-02
Avg. Area [cm^2]	4.00
psPDn+ [W/m^2]	2.16
psPDtot+ [W/m^2]	2.93
H_{max} [A/m]	0.234
E_{max} [V/m]	73.2
$max_{(Stot)}$ [W/m^2]	8.35
Power Drift [dB]	-0.05