

Date: 2024-12-25

01_LTE Band 12_10M_QPSK_1RB_0Offset_Right Cheek_0mm_Ch23095

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)

AntennaCfg:SISO; Frequency: 707.500 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 707.500$ MHz; $\sigma = 0.862$ S/m; $\epsilon_r = 42.5$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(8.12, 8.81, 8.04); Calibrated: 2024-06-27

- Sensor-Surface: 1.4 mm

- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23

- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: RightHead

- Measurement Software: 16.4.0.5005

- UID: LTE-FDD, 10175-CAH

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.375 W/kg; SAR (10g) = 0.248 W/kg;

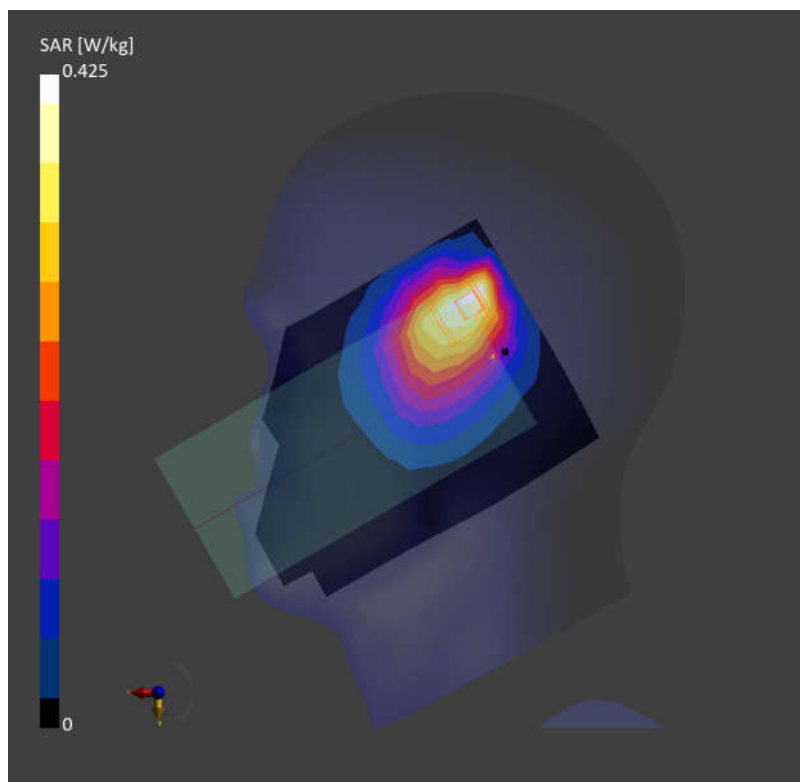
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.06 dB

SAR (1g) = 0.425 W/kg; SAR (10g) = 0.249 W/kg

Smallest distance from peaks to all points 3 dB below = 7.7 mm

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



Date: 2024-12-25

02_LTE Band 13_10M_QPSK_1RB_0Offset_Right Cheek_0mm_Ch23230

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)

AntennaCfg:SISO; Frequency: 782.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 782.000$ MHz; $\sigma = 0.895$ S/m; $\epsilon_r = 42.4$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(8.12, 8.81, 8.04); Calibrated: 2024-06-27

- Sensor-Surface: 1.4 mm

- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23

- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: RightHead

- Measurement Software: 16.4.0.5005

- UID: LTE-FDD, 10175-CAH

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.538 W/kg; SAR (10g) = 0.357 W/kg;

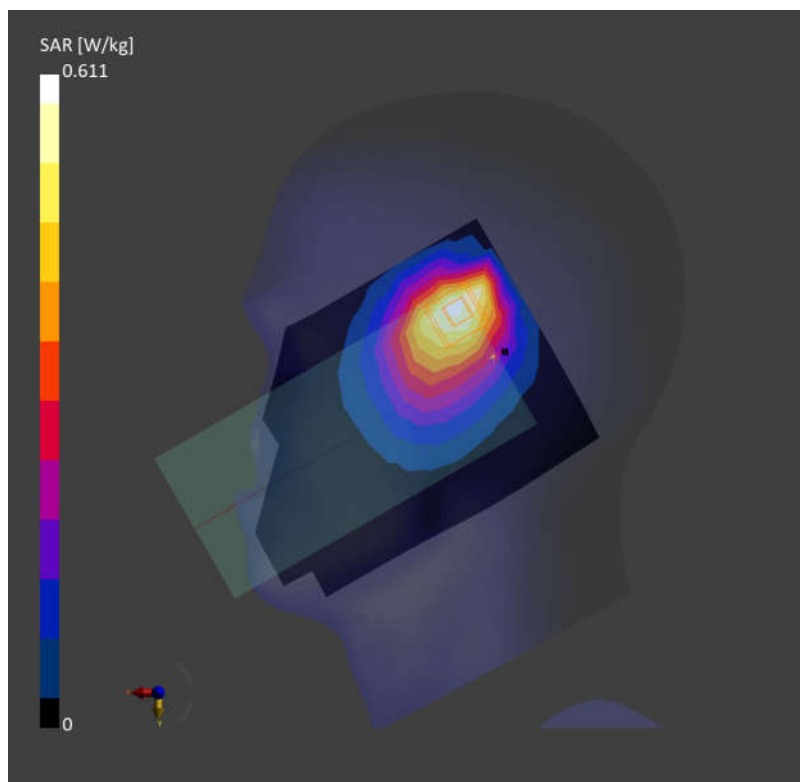
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.05 dB

SAR (1g) = 0.611 W/kg; SAR (10g) = 0.362 W/kg

Smallest distance from peaks to all points 3 dB below = 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 67.0 %



Date: 2024-12-27

03_GSM850_GPRS (4 Tx slots)_Right Cheek_0mm_Ch128

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 824.200 MHz; Duty Cycle: 1:2.08

Medium: Head Simulating Liquid Medium parameters used: $f = 824.200$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 42.0$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(7.76, 8.53, 7.85); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: RightHead
- Measurement Software: 16.4.0.5005
- UID: GSM, 10028-DAC

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.526 W/kg; SAR (10g) = 0.349 W/kg;

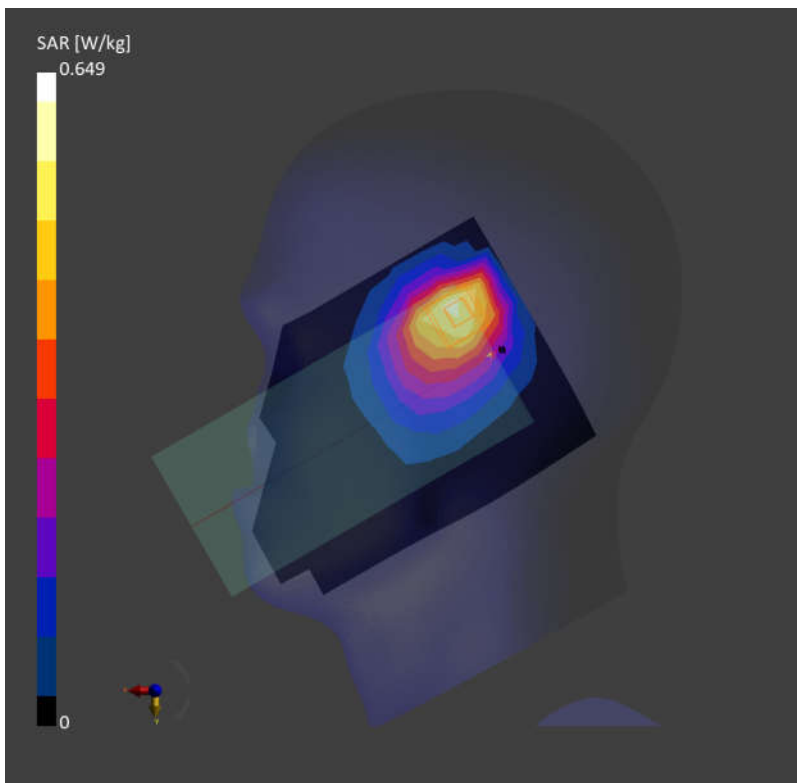
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.06 dB

SAR (1g) = 0.649 W/kg; SAR (10g) = 0.437 W/kg

Smallest distance from peaks to all points 3 dB below = 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 76.0 %



Date: 2024-12-27

04_WCDMA V_RMC 12.2Kbps_Right Cheek_0mm_Ch4132

Communication System: UMTS-FDD (WCDMA); Frequency: 826.400 MHz; Duty Cycle: 1:1
Medium: Head Simulating Liquid Medium parameters used: $f = 826.400$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 42.0$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(7.76, 8.53, 7.85); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: RightHead
- Measurement Software: 16.4.0.5005
- UID: WCDMA, 10011-CAC

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.656 W/kg; SAR (10g) = 0.397 W/kg;

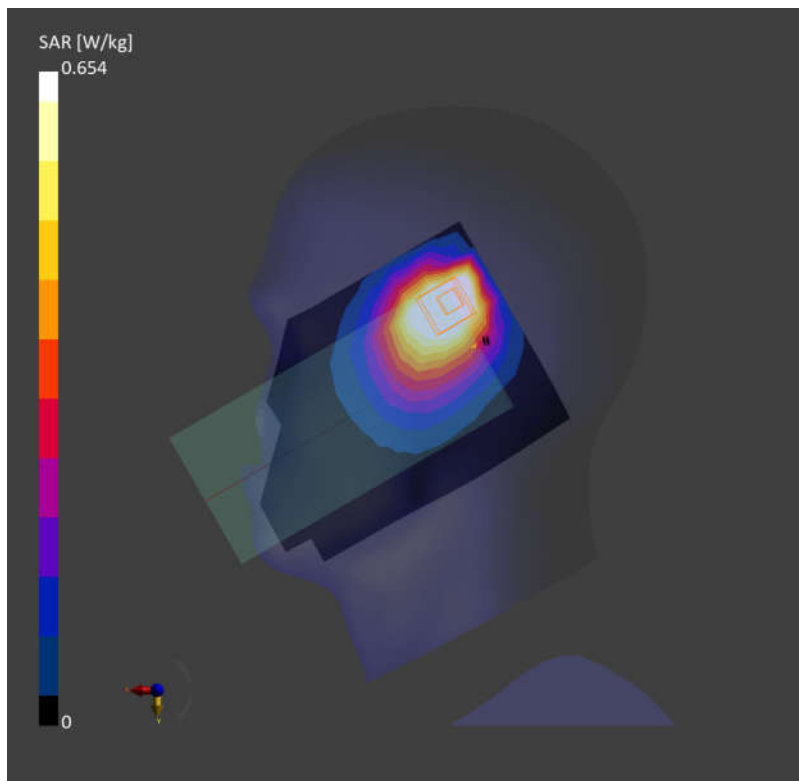
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.03 dB

SAR (1g) = 0.654 W/kg; SAR (10g) = 0.387 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 66.6 %



Date: 2024-12-27

05_LTE Band 26_15M_QPSK_1RB_0Offset_Right Cheek_0mm_Ch26865

Communication System: LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)

AntennaCfg:SISO; Frequency: 831.500 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 831.500$ MHz; $\sigma = 0.909$ S/m; $\epsilon_r = 41.9$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(7.76, 8.53, 7.85); Calibrated: 2024-06-27

- Sensor-Surface: 1.4 mm

- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23

- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: RightHead

- Measurement Software: 16.4.0.5005

- UID: LTE-FDD, 10181-CAF

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.687 W/kg; SAR (10g) = 0.455 W/kg;

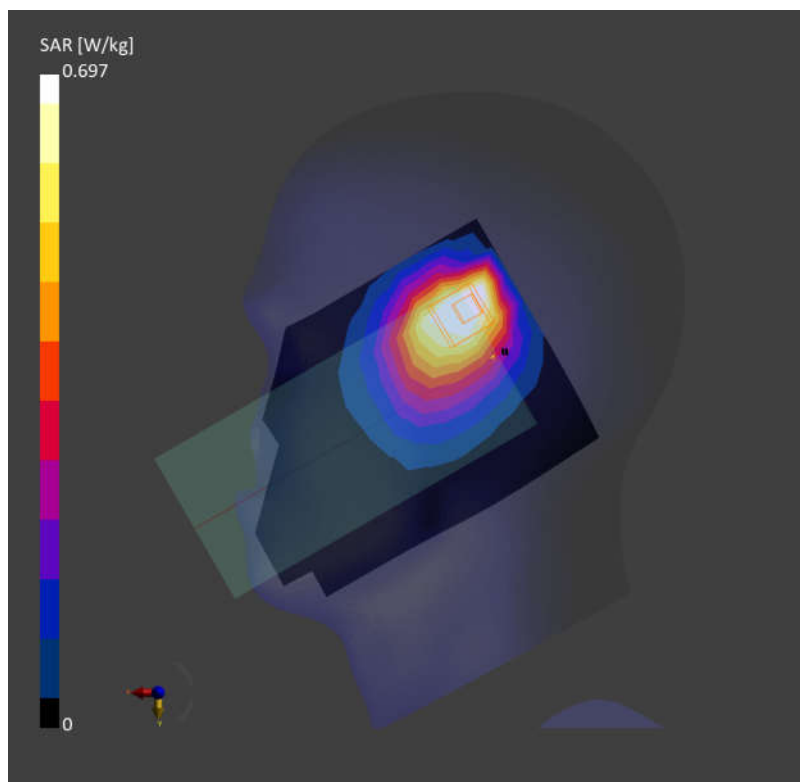
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.03 dB

SAR (1g) = 0.697 W/kg; SAR (10g) = 0.454 W/kg

Smallest distance from peaks to all points 3 dB below = 6.5 mm

Ratio of SAR at M2 to SAR at M1 = 66.6 %



Date: 2024-12-27

06_FR1 n26_20M_QPSK_1RB_1Offset_Right Cheek_0mm_Ch166300

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)

AntennaCfg:SISO; Frequency: 831.500 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 831.500$ MHz; $\sigma = 0.909$ S/m; $\epsilon_r = 41.9$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(7.76, 8.53, 7.85); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: RightHead
- Measurement Software: 16.4.0.5005
- UID: 5G NR FR1 FDD, 10931-AAC

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.548 W/kg; SAR (10g) = 0.359 W/kg;

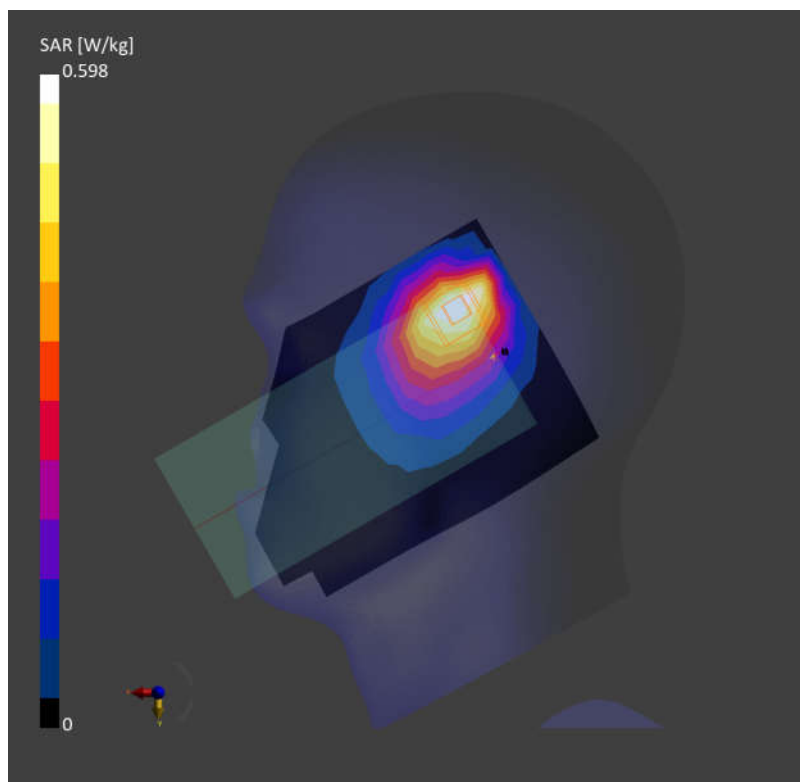
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.04 dB

SAR (1g) = 0.598 W/kg; SAR (10g) = 0.358 W/kg

Smallest distance from peaks to all points 3 dB below = 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 69.3 %



Date: 2024-12-29

07_WCDMA IV_RMC 12.2Kbps_Right Tilted_0mm_Ch1413

Communication System: UMTS-FDD (WCDMA); Frequency: 1732.600 MHz; Duty Cycle: 1:1
Medium: Head Simulating Liquid Medium parameters used: $f = 1732.600$ MHz; $\sigma = 1.30$ S/m; $\epsilon_r = 40.3$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(6.82, 7.54, 7.06); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: RightHead
- Measurement Software: 16.4.0.5005
- UID: WCDMA, 10011-CAC

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.651 W/kg; SAR (10g) = 0.335 W/kg;

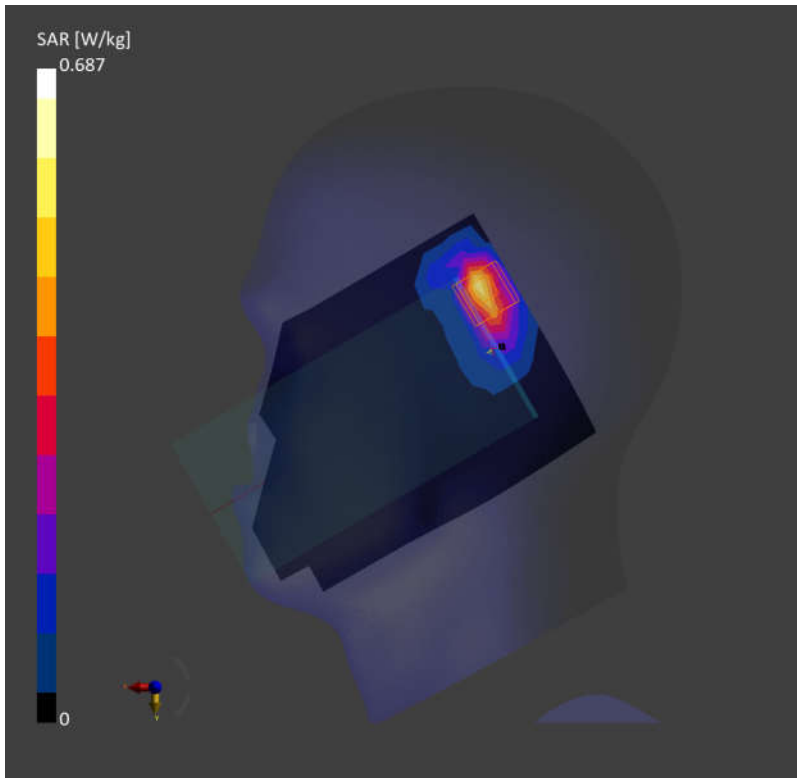
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.07 dB

SAR (1g) = 0.687 W/kg; SAR (10g) = 0.316 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 74.1 %



Date: 2024-12-29

08_LTE Band 66_20M_QPSK_1RB_0Offset_Right Tilted_0mm_Ch132322

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)

AntennaCfg:SISO; Frequency: 1745.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 1745.000$ MHz; $\sigma = 1.31$ S/m; $\epsilon_r = 40.2$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(6.82, 7.54, 7.06); Calibrated: 2024-06-27

- Sensor-Surface: 1.4 mm

- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23

- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: RightHead

- Measurement Software: 16.4.0.5005

- UID: LTE-FDD, 10169-CAF

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.708 W/kg; SAR (10g) = 0.367 W/kg;

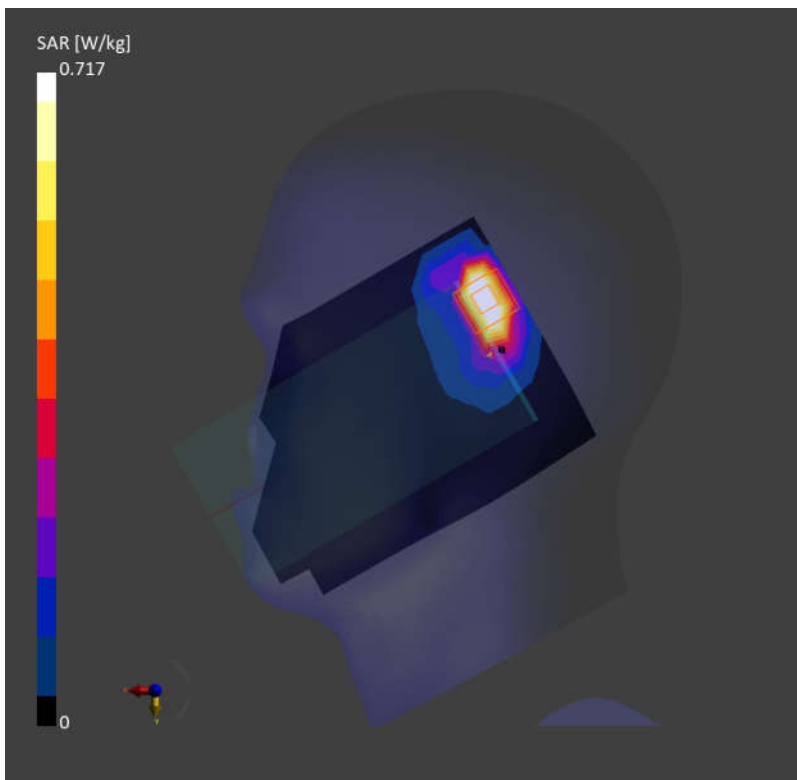
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.05 dB

SAR (1g) = 0.717 W/kg; SAR (10g) = 0.330 W/kg

Smallest distance from peaks to all points 3 dB below = 6.9 mm

Ratio of SAR at M2 to SAR at M1 = 77.1 %



Date: 2024-12-29

09_FR1 n66_45M_QPSK_120RB_60Offset_Right Tilted_0mm_Ch349000

Communication System: 5G NR (DFT-s-OFDM, 50% RB, 45 MHz, QPSK, 15 kHz)

AntennaCfg:SISO; Frequency: 1745.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 1745.000$ MHz; $\sigma = 1.31$ S/m; $\epsilon_r = 40.2$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(6.82, 7.54, 7.06); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: RightHead
- Measurement Software: 16.4.0.5005
- UID: 5G NR FR1 FDD, 10934-AAC

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.648 W/kg; SAR (10g) = 0.338 W/kg;

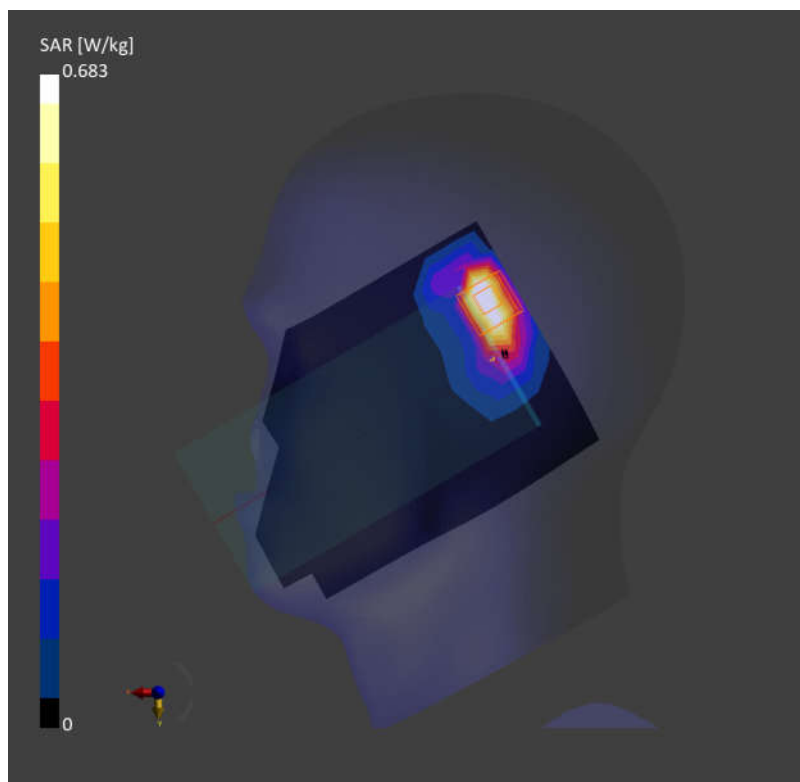
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.12 dB

SAR (1g) = 0.683 W/kg; SAR (10g) = 0.309 W/kg

Smallest distance from peaks to all points 3 dB below = 6.2 mm

Ratio of SAR at M2 to SAR at M1 = 76.3 %



Date: 2024-12-31

10_GSM1900_GPRS (4 Tx slots)_Right Tilted_0mm_Ch512

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 1850.200 MHz;
Duty Cycle: 1:2.08

Medium: Head Simulating Liquid Medium parameters used: $f = 1850.200$ MHz; $\sigma = 1.37$ S/m; $\epsilon_r = 40.1$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(6.48, 7.12, 6.7); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: RightHead
- Measurement Software: 16.4.0.5005
- UID: GSM, 10028-DAC

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.721 W/kg; SAR (10g) = 0.332 W/kg;

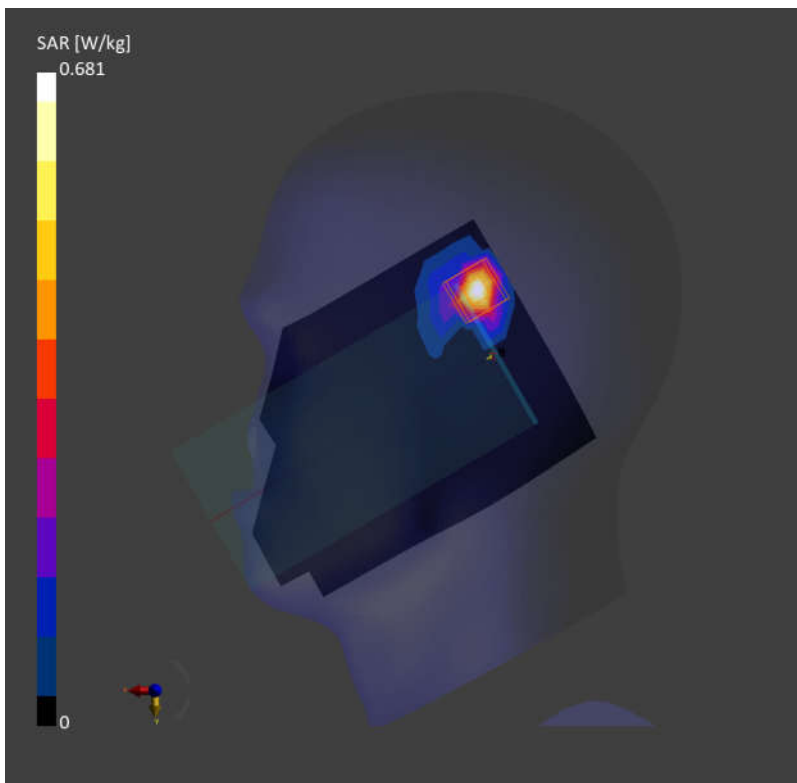
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.07 dB

SAR (1g) = 0.681 W/kg; SAR (10g) = 0.327 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 79.1 %



Date: 2024-12-31

11_WCDMA II_RMC 12.2Kbps_Right Tilted_0mm_Ch9262

Communication System: UMTS-FDD (WCDMA); Frequency: 1852.400 MHz; Duty Cycle: 1:1
Medium: Head Simulating Liquid Medium parameters used: $f = 1852.400$ MHz; $\sigma = 1.37$ S/m; $\epsilon_r = 40.1$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(6.48, 7.12, 6.7); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: RightHead
- Measurement Software: 16.4.0.5005
- UID: WCDMA, 10011-CAC

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.694 W/kg; SAR (10g) = 0.367 W/kg;

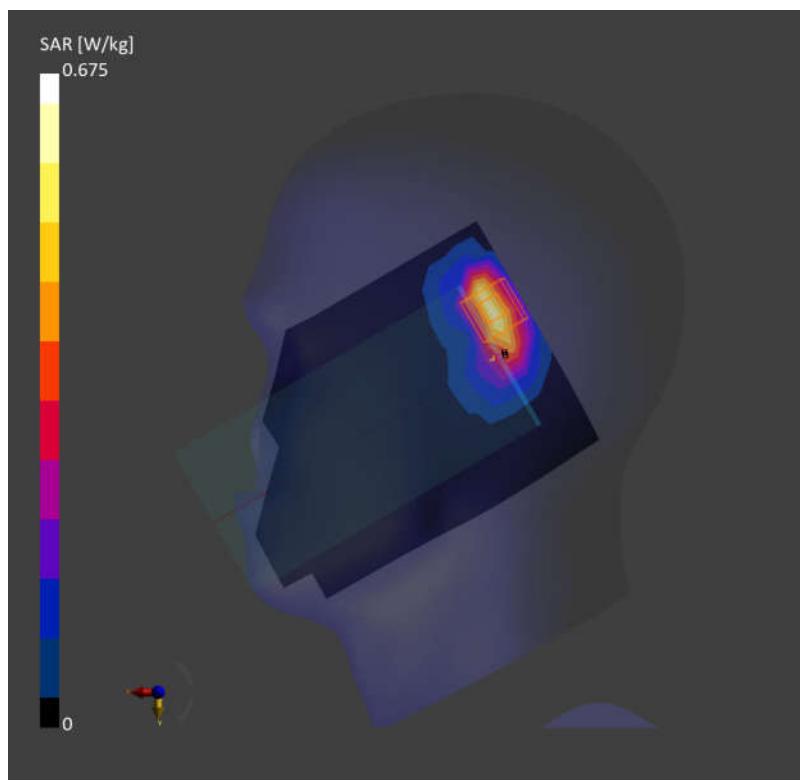
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.07 dB

SAR (1g) = 0.675 W/kg; SAR (10g) = 0.353 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 78.9 %



Date: 2024-12-31

12_LTE Band 2_20M_QPSK_1RB_0Offset_Right Cheek_0mm_Ch18700

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)

AntennaCfg:SISO; Frequency: 1860.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 1860.000$ MHz; $\sigma = 1.38$ S/m; $\epsilon_r = 40.1$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(6.48, 7.12, 6.7); Calibrated: 2024-06-27

- Sensor-Surface: 1.4 mm

- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23

- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: RightHead

- Measurement Software: 16.4.0.5005

- UID: LTE-FDD, 10169-CAF

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.691 W/kg; SAR (10g) = 0.355 W/kg;

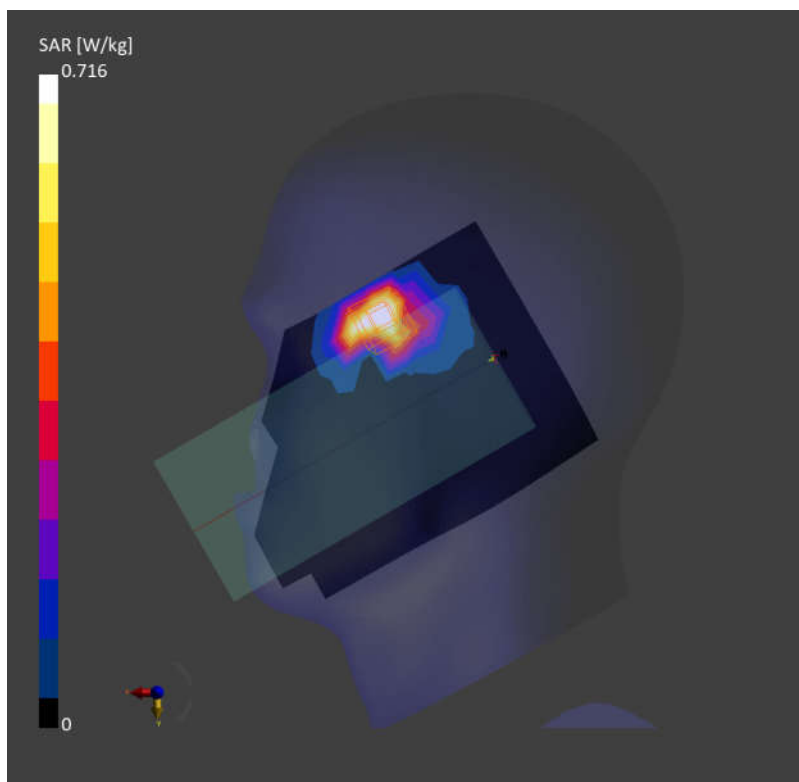
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.03 dB

SAR (1g) = 0.716 W/kg; SAR (10g) = 0.343 W/kg

Smallest distance from peaks to all points 3 dB below = 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 79.6 %



Date: 2024-12-31

13_FR1 n2_40M_QPSK_1RB_1Offset_Right Tilted_0mm_Ch376000

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)

AntennaCfg:SISO; Frequency: 1880.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.41$ S/m; $\epsilon_r = 40.1$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(6.48, 7.12, 6.7); Calibrated: 2024-06-27

- Sensor-Surface: 1.4 mm

- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23

- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: RightHead

- Measurement Software: 16.4.0.5005

- UID: 5G NR FR1 FDD, 10931-AAC

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.717 W/kg; SAR (10g) = 0.374 W/kg;

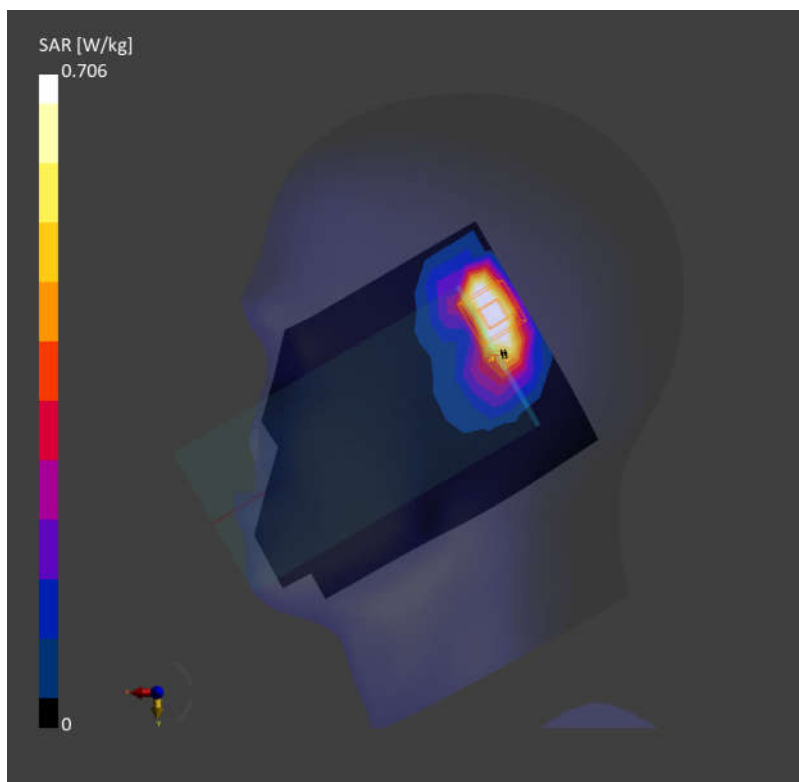
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.15 dB

SAR (1g) = 0.706 W/kg; SAR (10g) = 0.344 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 79.3 %



Date: 2025-01-01

14_LTE Band 7_20M_QPSK_1RB_0Offset_Right Cheek_0mm_Ch21350

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)

AntennaCfg:SISO; Frequency: 2560.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 2560.000$ MHz; $\sigma = 1.83$ S/m; $\epsilon_r = 39.1$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(6.16, 6.71, 6.3); Calibrated: 2024-06-27

- Sensor-Surface: 1.4 mm

- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23

- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: RightHead

- Measurement Software: 16.4.0.5005

- UID: LTE-FDD, 10169-CAF

Area Scan (120.0 mm x 192.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.660 W/kg; SAR (10g) = 0.296 W/kg;

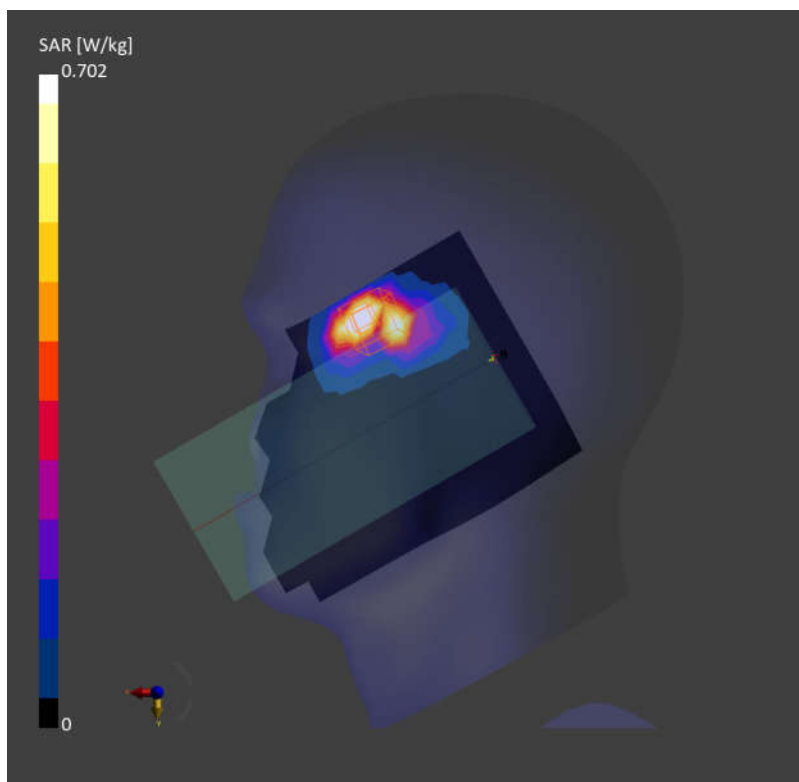
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.03 dB

SAR (1g) = 0.702 W/kg; SAR (10g) = 0.333 W/kg

Smallest distance from peaks to all points 3 dB below = 6.2 mm

Ratio of SAR at M2 to SAR at M1 = 81.2 %



Date: 2025-01-01

15_LTE Band 41_20M_QPSK_1RB_0Offset_Right Tilted_0mm_Ch40185

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)

AntennaCfg:SISO; Frequency: 2549.500 MHz; Duty Cycle: 1:1.59

Medium: Head Simulating Liquid Medium parameters used: $f = 2549.500$ MHz; $\sigma = 1.82$ S/m; $\epsilon_r = 39.1$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(6.16, 6.71, 6.3); Calibrated: 2024-06-27

- Sensor-Surface: 1.4 mm

- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23

- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: RightHead

- Measurement Software: 16.4.0.5005

- UID: LTE-TDD, 10172-CAH

Area Scan (120.0 mm x 192.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.636 W/kg; SAR (10g) = 0.276 W/kg;

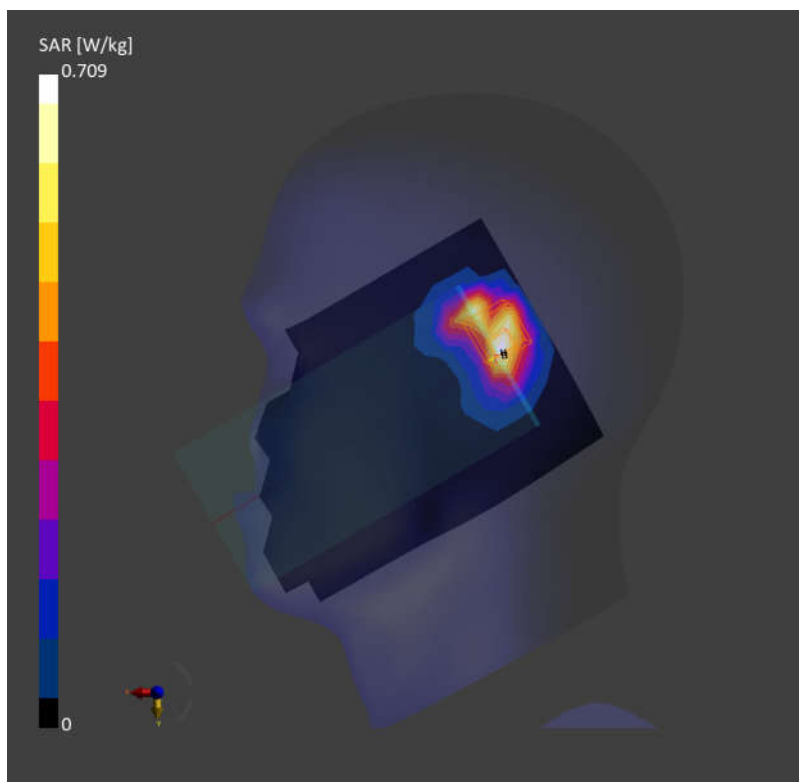
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.02 dB

SAR (1g) = 0.709 W/kg; SAR (10g) = 0.306 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 74.4 %



Date: 2025-01-01

16_FR1 n7_50M_QPSK_135RB_68Offset_Right Tilted_0mm_Ch507000

Communication System: 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)

AntennaCfg:SISO; Frequency: 2535.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 2535.000$ MHz; $\sigma = 1.80$ S/m; $\epsilon_r = 39.2$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(6.16, 6.71, 6.3); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: RightHead
- Measurement Software: 16.4.0.5005
- UID: 5G NR FR1 FDD, 10935-AAD

Area Scan (120.0 mm x 192.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.628 W/kg; SAR (10g) = 0.272 W/kg;

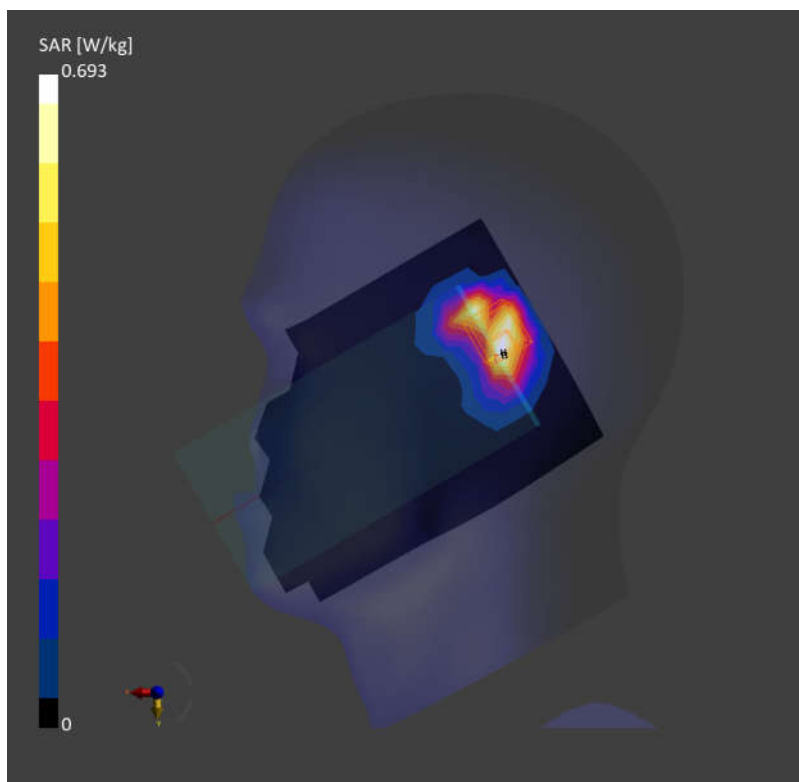
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.07 dB

SAR (1g) = 0.693 W/kg; SAR (10g) = 0.294 W/kg

Smallest distance from peaks to all points 3 dB below = 6.2 mm

Ratio of SAR at M2 to SAR at M1 = 74.8 %



Date: 2025-01-01

17_FR1 n41_100M_QPSK_1RB_1Offset_Right Tilted_0mm_Ch518598

Communication System: 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)

AntennaCfg:SISO; Frequency: 2592.990 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 2592.990$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 39.2$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(6.16, 6.71, 6.3); Calibrated: 2024-06-27

- Sensor-Surface: 1.4 mm

- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23

- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: RightHead

- Measurement Software: 16.4.0.5005

- UID: 5G NR FR1 TDD, 10803-AAF

Area Scan (120.0 mm x 192.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.610 W/kg; SAR (10g) = 0.260 W/kg;

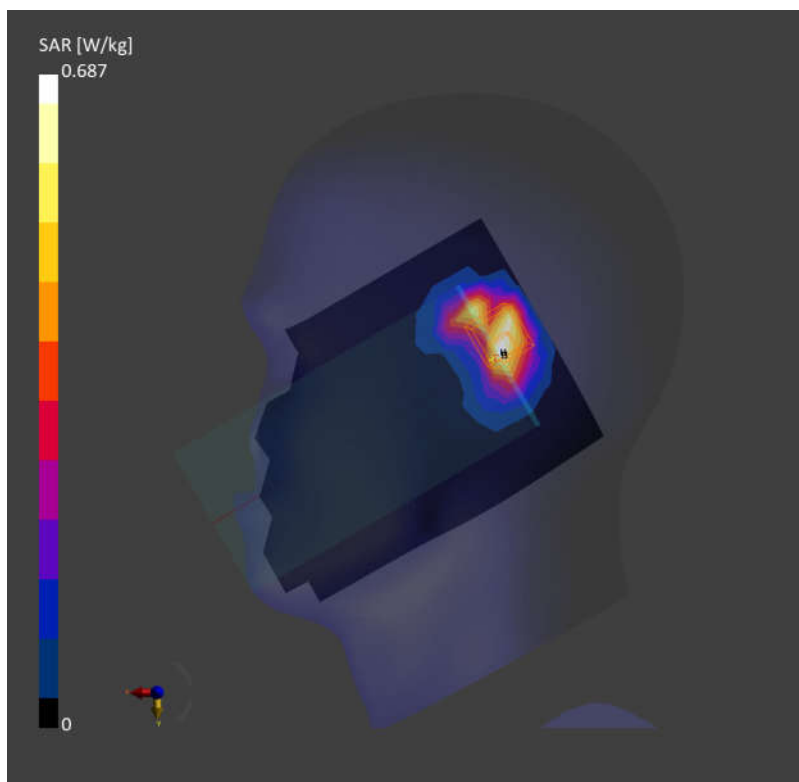
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.04 dB

SAR (1g) = 0.687 W/kg; SAR (10g) = 0.288 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 79.3 %



Date: 2025-01-03

18_LTE Band 42_20M_QPSK_1RB_0Offset_Left Tilted_0mm_Ch42990

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)

AntennaCfg:SISO; Frequency: 3540.000 MHz; Duty Cycle: 1:1.59

Medium: Head Simulating Liquid Medium parameters used: $f = 3540.000$ MHz; $\sigma = 2.84$ S/m; $\epsilon_r = 38.6$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.9°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(5.49, 6.05, 5.64); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: LeftHead
- Measurement Software: 16.4.0.5005
- UID: LTE-TDD, 10172-CAH

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.723 W/kg; SAR (10g) = 0.271 W/kg;

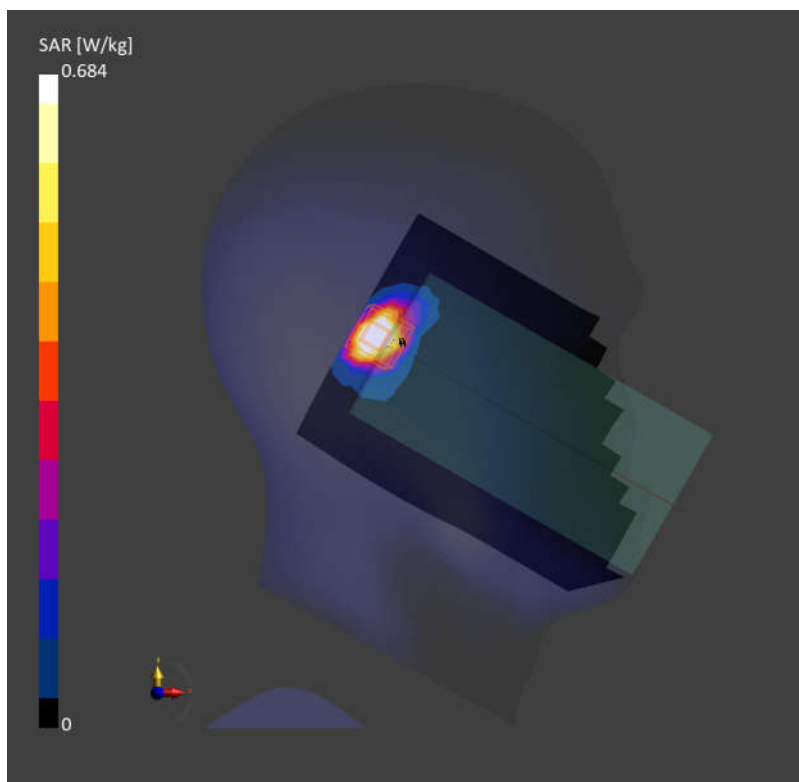
Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.03 dB

SAR (1g) = 0.684 W/kg; SAR (10g) = 0.269 W/kg

Smallest distance from peaks to all points 3 dB below = 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 76.5 %



Date: 2025-01-04

19_FR1 n77_100M_QPSK_135RB_69Offset_Left Tilted_0mm_Ch656000

Communication System: 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)

AntennaCfg:SISO; Frequency: 3840.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 3840.000$ MHz; $\sigma = 3.11$ S/m; $\epsilon_r = 38.1$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(5.5, 6.03, 5.62); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: LeftHead
- Measurement Software: 16.4.0.5005
- UID: 5G NR FR1 TDD, 10917-AAD

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.664 W/kg; SAR (10g) = 0.281 W/kg;

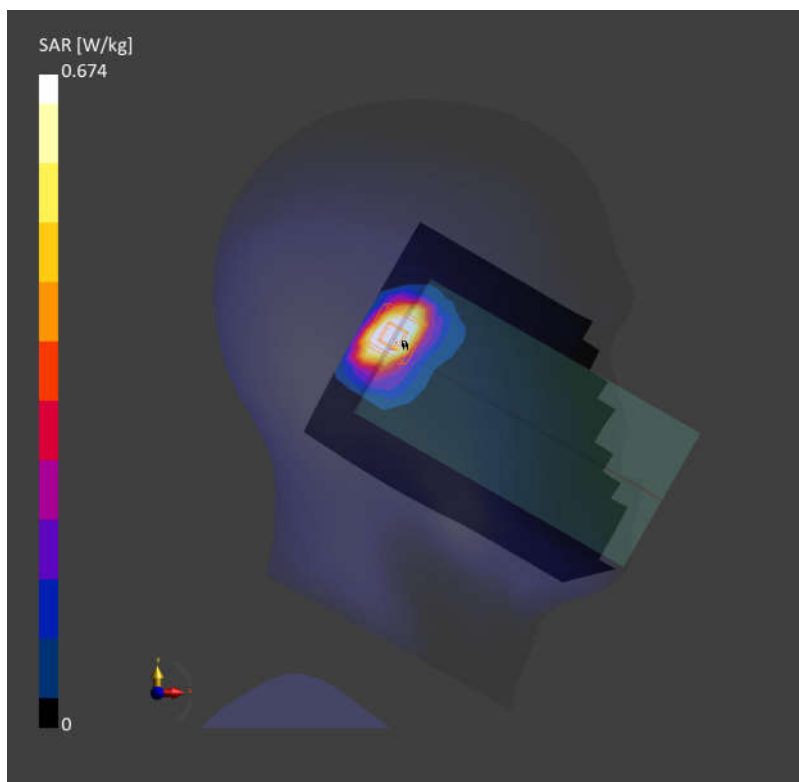
Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.08 dB

SAR (1g) = 0.674 W/kg; SAR (10g) = 0.287 W/kg

Smallest distance from peaks to all points 3 dB below = 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 73.7 %



Date: 2025-01-16

20_WLAN2.4GHz_802.11b 1Mbps_Left Cheek_0mm_Ch1

Communication System: IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps); Frequency: 2412.000 MHz;
Duty Cycle: 1:1.009

Medium: Head Simulating Liquid Medium parameters used: $f = 2437.000$ MHz; $\sigma = 1.84$ S/m; $\epsilon_r = 39.1$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(6.08, 6.63, 6.23); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: LeftHead
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10012-CAB

Area Scan (120.0 mm x 192.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.922 W/kg; SAR (10g) = 0.442 W/kg;

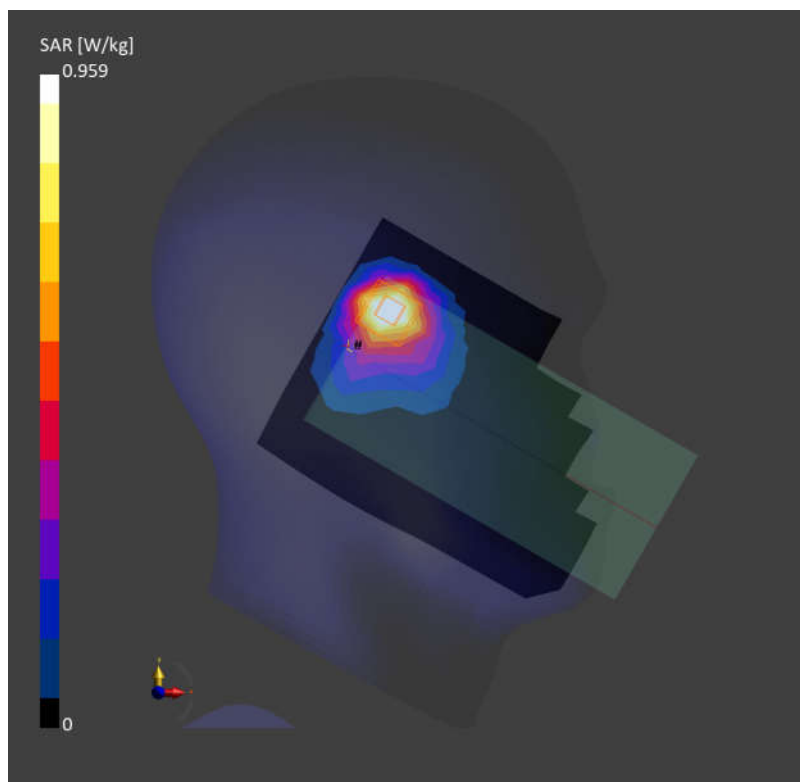
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.04 dB

SAR (1g) = 0.959 W/kg; SAR (10g) = 0.457 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 81.3 %



Date: 2025-01-16

21_Bluetooth_1Mbps_Left Cheek_0mm_Ch39

Communication System: IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441.000 MHz; Duty Cycle: 1:1.308

Medium: Head Simulating Liquid Medium parameters used: $f = 2441.000$ MHz; $\sigma = 1.84$ S/m; $\epsilon_r = 39.1$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(6.08, 6.63, 6.23); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: LeftHead
- Measurement Software: 16.4.0.5005
- UID: Bluetooth, 10032-CAA

Area Scan (120.0 mm x 192.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.358 W/kg; SAR (10g) = 0.178 W/kg;

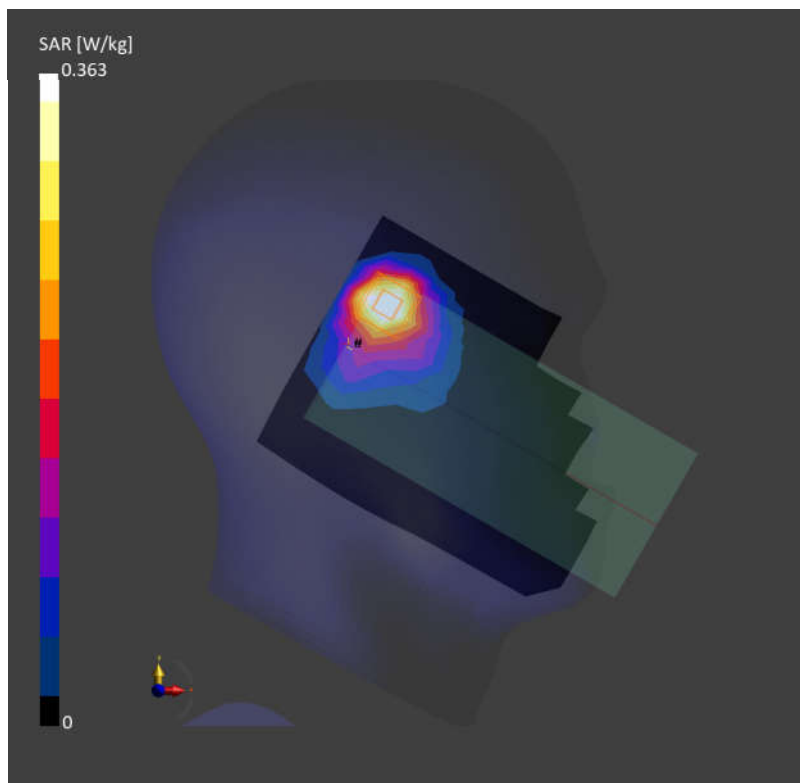
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.08 dB

SAR (1g) = 0.363 W/kg; SAR (10g) = 0.182 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 79.4 %



Date: 2025-01-17

22_WLAN5GHz_802.11n-HT40 MCS0_Left Cheek_0mm_Ch54

Communication System: IEEE 802.11n WiFi (40MHz, MCS0, 90pc duty cycle); Frequency: 5270.000 MHz; Duty Cycle: 1:1.067

Medium: Head Simulating Liquid Medium parameters used: $f = 5270.000$ MHz; $\sigma = 4.60$ S/m; $\epsilon_r = 34.9$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(4.32, 4.72, 4.38); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: LeftHead
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10599-AAD

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.582 W/kg; SAR (10g) = 0.189 W/kg;

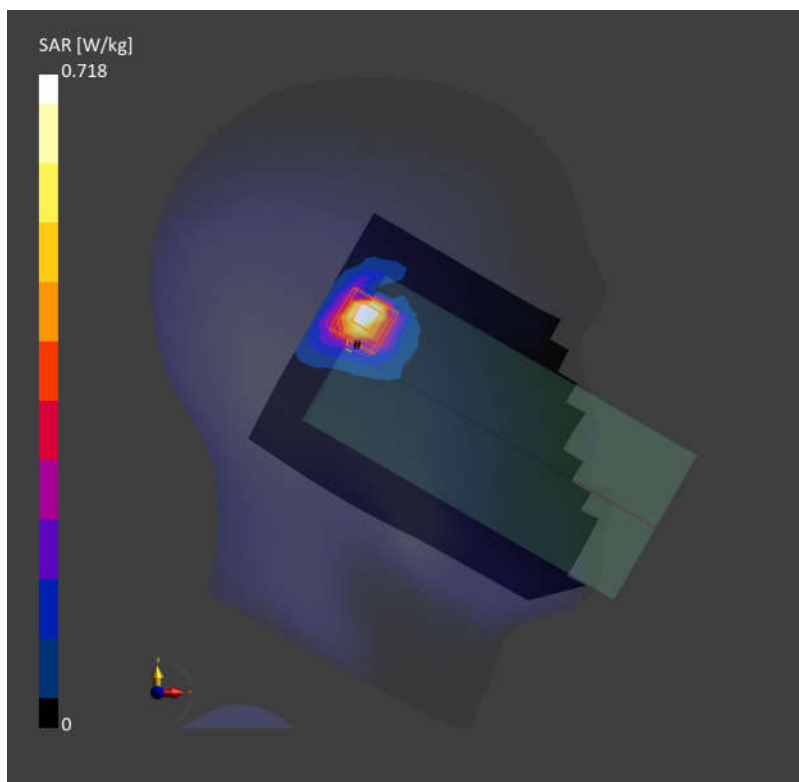
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.03 dB

SAR (1g) = 0.718 W/kg; SAR (10g) = 0.200 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 61.0 %



Date: 2025-01-18

23_WLAN5GHz_802.11ac-VHT80 MCS0_Left Cheek_0mm_Ch106

Communication System: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle); Frequency: 5530.000 MHz; Duty Cycle: 1:1.134

Medium: Head Simulating Liquid Medium parameters used: $f = 5530.000$ MHz; $\sigma = 4.86$ S/m; $\epsilon_r = 34.5$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(3.87, 4.18, 3.91); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: LeftHead
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10544-AAD

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.593 W/kg; SAR (10g) = 0.194 W/kg;

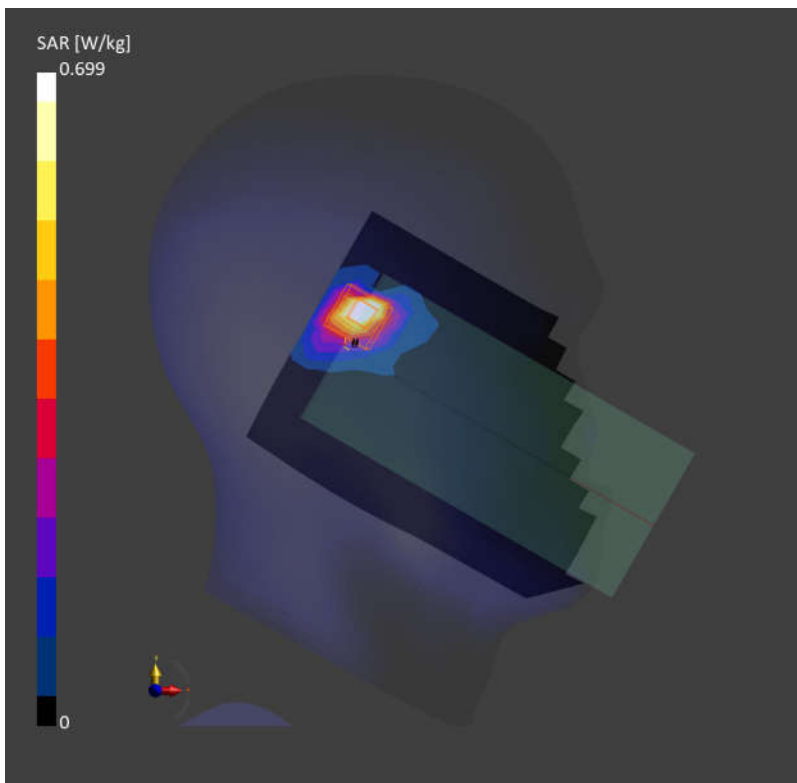
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.07 dB

SAR (1g) = 0.699 W/kg; SAR (10g) = 0.208 W/kg

Smallest distance from peaks to all points 3 dB below = 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 63.1 %



Date: 2025-01-19

24_WLAN5GHz_802.11ac-VHT80 MCS0_Left Cheek_0mm_Ch155

Communication System: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle); Frequency: 5775.000 MHz; Duty Cycle: 1:1.134

Medium: Head Simulating Liquid Medium parameters used: $f = 5775.000$ MHz; $\sigma = 5.15$ S/m; $\epsilon_r = 34.1$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(3.91, 4.24, 3.96); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: LeftHead
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10544-AAD

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.558 W/kg; SAR (10g) = 0.188 W/kg;

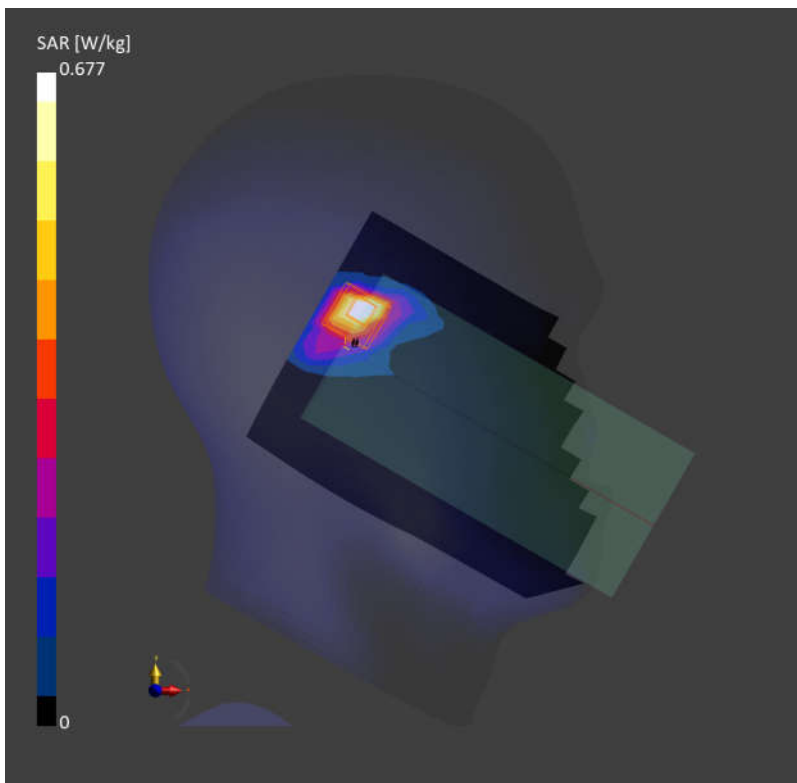
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.12 dB

SAR (1g) = 0.677 W/kg; SAR (10g) = 0.199 W/kg

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

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



Date: 2025-01-05

25_LTE Band 12_10M_QPSK_1RB_0Offset_Back_5mm_Ch23095

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)

AntennaCfg:SISO; Frequency: 707.500 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 707.500$ MHz; $\sigma = 0.863$ S/m; $\epsilon_r = 42.6$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(8.12, 8.81, 8.04); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: LTE-FDD, 10175-CAH

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.685 W/kg; SAR (10g) = 0.441 W/kg;

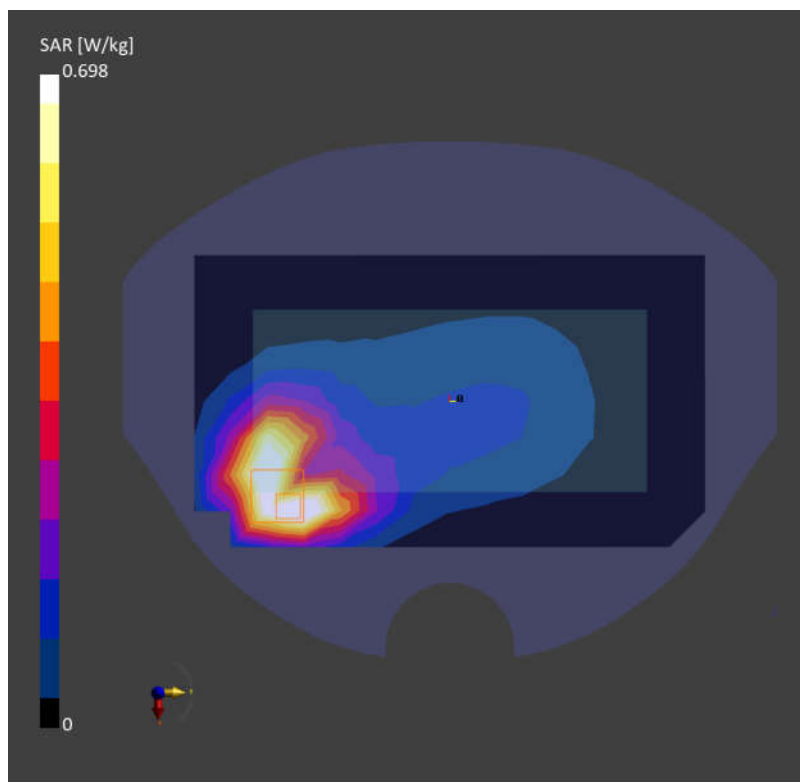
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.01 dB

SAR (1g) = 0.698 W/kg; SAR (10g) = 0.349 W/kg

Smallest distance from peaks to all points 3 dB below = 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 72.7 %



Date: 2025-01-05

26_LTE Band 13_10M_QPSK_1RB_0Offset_Back_5mm_Ch23230

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)

AntennaCfg:SISO; Frequency: 782.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 782.000$ MHz; $\sigma = 0.895$ S/m; $\epsilon_r = 42.5$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(8.12, 8.81, 8.04); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: LTE-FDD, 10175-CAH

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.566 W/kg; SAR (10g) = 0.359 W/kg;

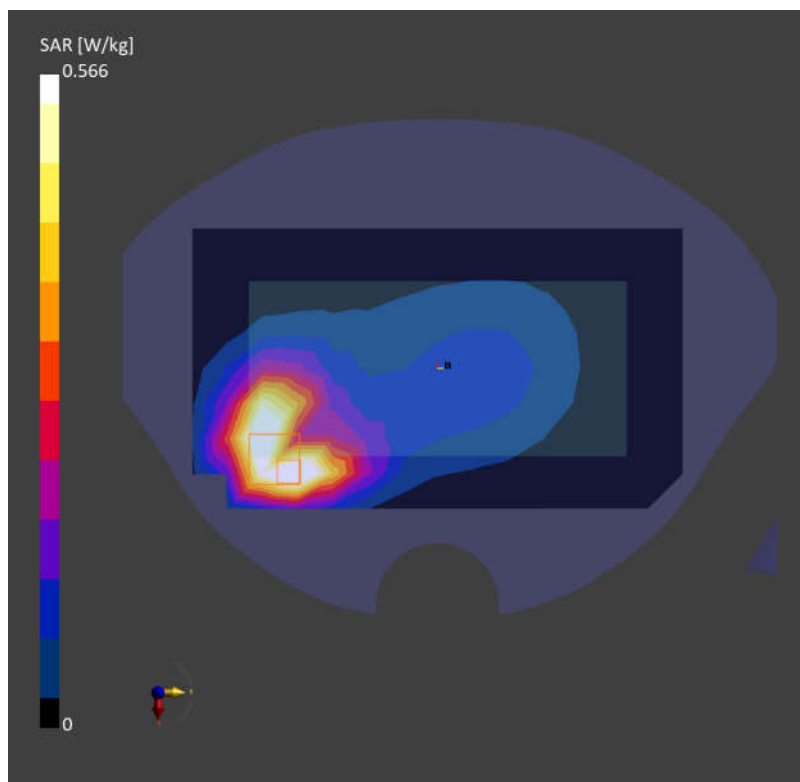
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.12 dB

SAR (1g) = 0.566 W/kg; SAR (10g) = 0.295 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 74.0 %



Date: 2025-01-07

27_GSM850_GPRS (3 Tx slots)_Back_5mm_Ch251

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2); Frequency: 848.800 MHz; Duty Cycle: 1:2.77

Medium: Head Simulating Liquid Medium parameters used: $f = 848.800$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 42.0$

Ambient Temperature: 23.4°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(7.76, 8.53, 7.85); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: GSM, 10027-DAC

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 1.07 W/kg; SAR (10g) = 0.675 W/kg;

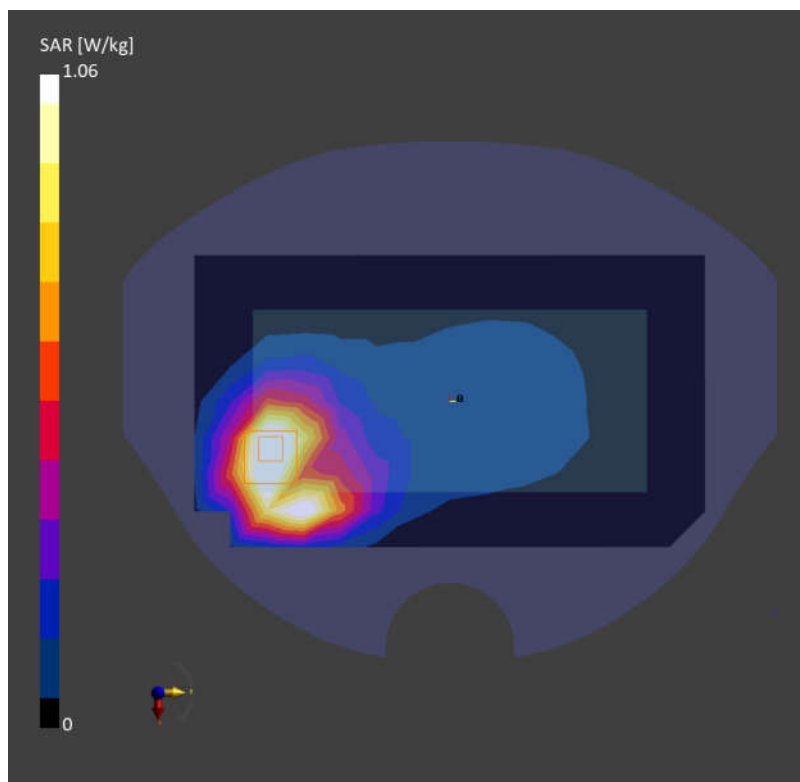
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 1.06 W/kg; SAR (10g) = 0.528 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 79.4 %



Date: 2025-01-07

28_WCDMA V_RMC 12.2Kbps_Back_5mm_Ch4182

Communication System: UMTS-FDD (WCDMA); Frequency: 836.400 MHz; Duty Cycle: 1:1
Medium: Head Simulating Liquid Medium parameters used: $f = 836.400$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 41.9$

Ambient Temperature: 23.4°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(7.76, 8.53, 7.85); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WCDMA, 10011-CAC

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 1.06 W/kg; SAR (10g) = 0.668 W/kg;

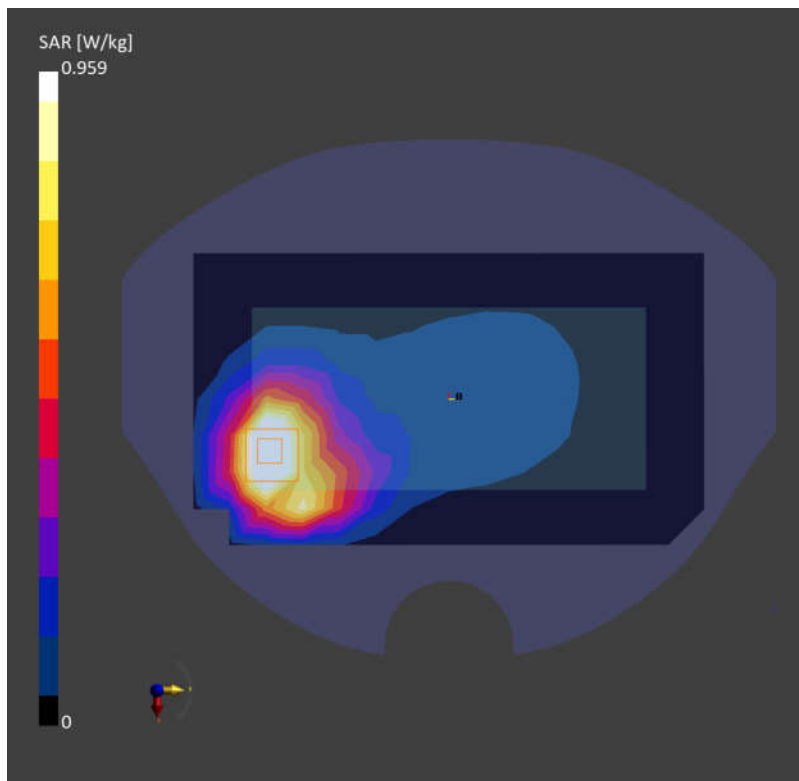
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.10 dB

SAR (1g) = 0.959 W/kg; SAR (10g) = 0.508 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 76.0 %



Date: 2025-01-07

29_LTE Band 26_15M_QPSK_1RB_0Offset_Back_5mm_Ch26865

Communication System: LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)

AntennaCfg:SISO; Frequency: 831.500 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 831.500$ MHz; $\sigma = 0.909$ S/m; $\epsilon_r = 42.0$

Ambient Temperature: 23.4°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(7.76, 8.53, 7.85); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: LTE-FDD, 10181-CAF

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.490 W/kg; SAR (10g) = 0.296 W/kg;

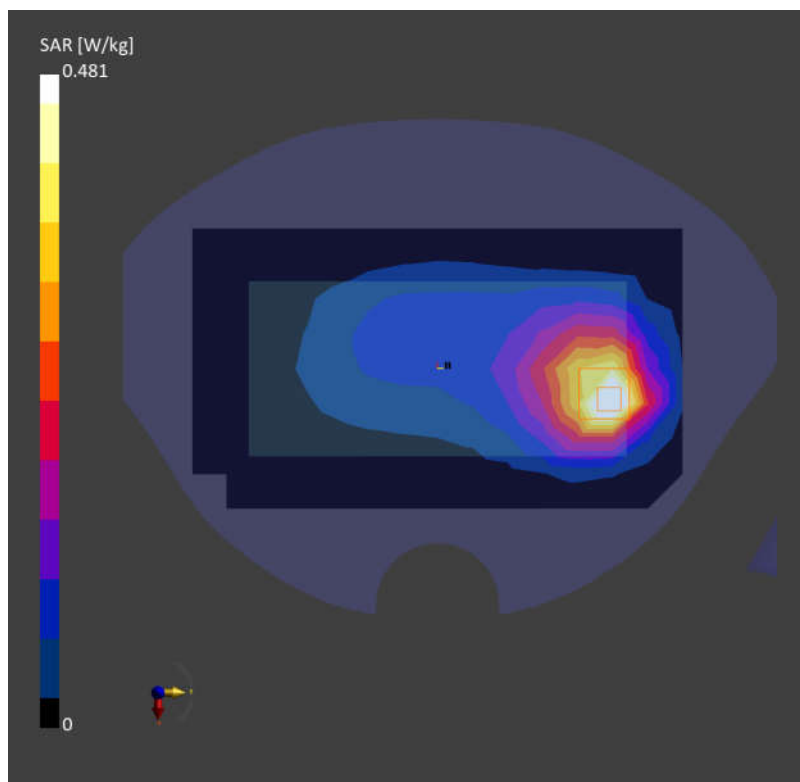
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.09 dB

SAR (1g) = 0.481 W/kg; SAR (10g) = 0.280 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 71.9 %



Date: 2025-01-07

30_FR1 n26_20M_QPSK_50RB_28Offset_Back_5mm_Ch166300

Communication System: 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)

AntennaCfg:SISO; Frequency: 831.500 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 831.500$ MHz; $\sigma = 0.909$ S/m; $\epsilon_r = 42.0$

Ambient Temperature: 23.4°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(7.76, 8.53, 7.85); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: 5G NR FR1 FDD, 10939-AAC

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.621 W/kg; SAR (10g) = 0.388 W/kg;

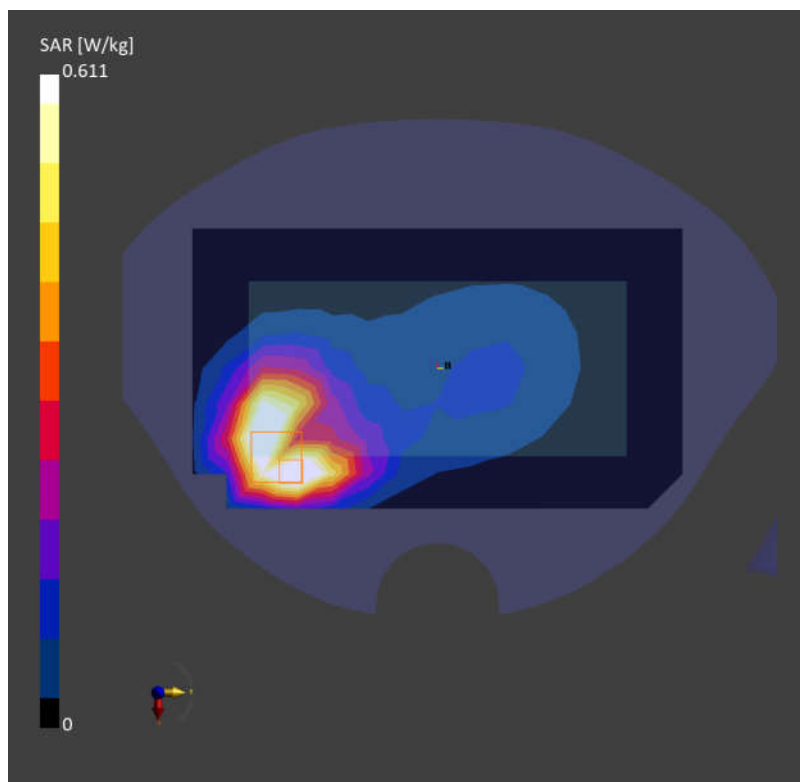
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.16 dB

SAR (1g) = 0.611 W/kg; SAR (10g) = 0.329 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 77.4 %



Date: 2025-01-09

31_WCDMA IV_RMC 12.2Kbps_Bottom Side_5mm_Ch1513

Communication System: UMTS-FDD (WCDMA); Frequency: 1752.600 MHz; Duty Cycle: 1:1
Medium: Head Simulating Liquid Medium parameters used: $f = 1752.600$ MHz; $\sigma = 1.32$ S/m; $\epsilon_r = 40.2$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(6.82, 7.54, 7.06); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WCDMA, 10011-CAC

Area Scan (48.0 mm x 120.0 mm): Measurement Grid: 8.0 mm x 15.0 mm

SAR (1g) = 1.02 W/kg; SAR (10g) = 0.495 W/kg;

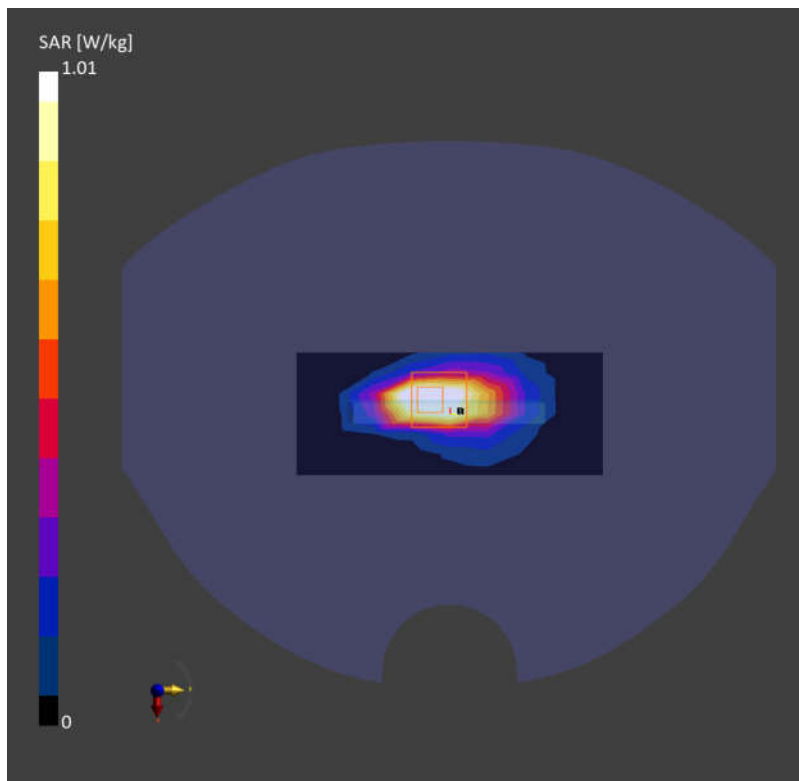
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.01 dB

SAR (1g) = 1.01 W/kg; SAR (10g) = 0.488 W/kg

Smallest distance from peaks to all points 3 dB below = 6.9 mm

Ratio of SAR at M2 to SAR at M1 = 75.5 %



Date: 2025-01-09

32_LTE Band 66_20M_QPSK_1RB_0Offset_Bottom Side_5mm_Ch132572

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)

AntennaCfg:SISO; Frequency: 1770.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 1770.000$ MHz; $\sigma = 1.34$ S/m; $\epsilon_r = 40.3$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(6.82, 7.54, 7.06); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: LTE-FDD, 10169-CAF

Area Scan (48.0 mm x 120.0 mm): Measurement Grid: 8.0 mm x 15.0 mm

SAR (1g) = 1.12 W/kg; SAR (10g) = 0.559 W/kg;

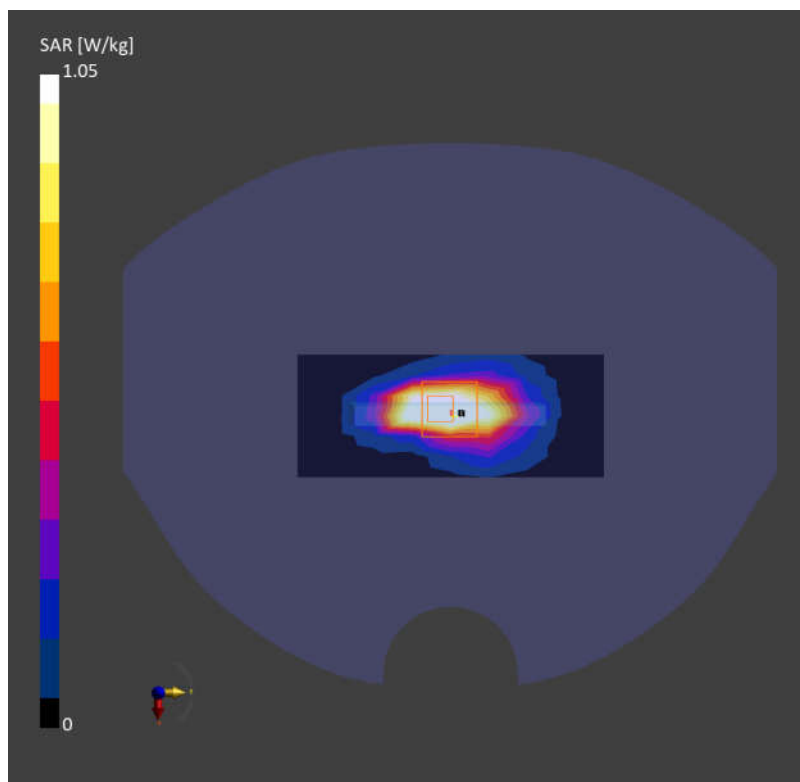
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.01 dB

SAR (1g) = 1.05 W/kg; SAR (10g) = 0.558 W/kg

Smallest distance from peaks to all points 3 dB below = 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 77.3 %



Date: 2025-01-09

33_FR1 n66_45M_QPSK_120RB_60Offset_Bottom Side_5mm_Ch349000

Communication System: 5G NR (DFT-s-OFDM, 50% RB, 45 MHz, QPSK, 15 kHz)

AntennaCfg:SISO; Frequency: 1745.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 1745.000$ MHz; $\sigma = 1.31$ S/m; $\epsilon_r = 40.2$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(6.82, 7.54, 7.06); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: 5G NR FR1 FDD, 10942-AAC

Area Scan (42.0 mm x 120.0 mm): Measurement Grid: 7.0 mm x 15.0 mm

SAR (1g) = 1.01 W/kg; SAR (10g) = 0.484 W/kg;

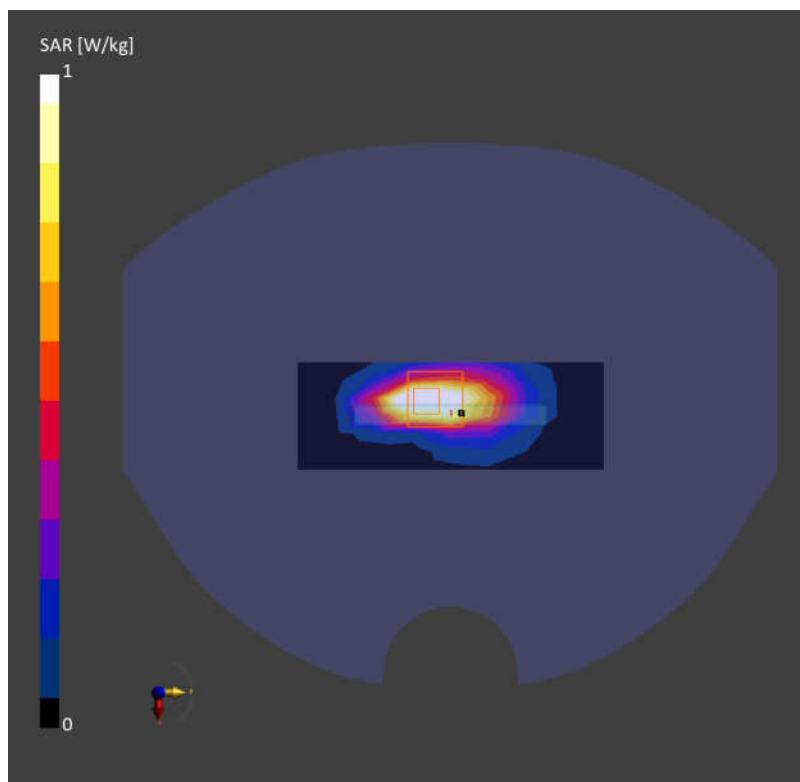
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.12 dB

SAR (1g) = 1.00 W/kg; SAR (10g) = 0.484 W/kg

Smallest distance from peaks to all points 3 dB below = 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 76.5 %



Date: 2025-01-11

34_GSM1900_GPRS (4 Tx slots)_Bottom Side_5mm_Ch661

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 1880.000 MHz;
Duty Cycle: 1:2.08

Medium: Head Simulating Liquid Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.41$ S/m; $\epsilon_r = 40.2$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(6.48, 7.12, 6.7); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: GSM, 10028-DAC

Area Scan (42.0 mm x 120.0 mm): Measurement Grid: 7.0 mm x 15.0 mm

SAR (1g) = 0.962 W/kg; SAR (10g) = 0.464 W/kg;

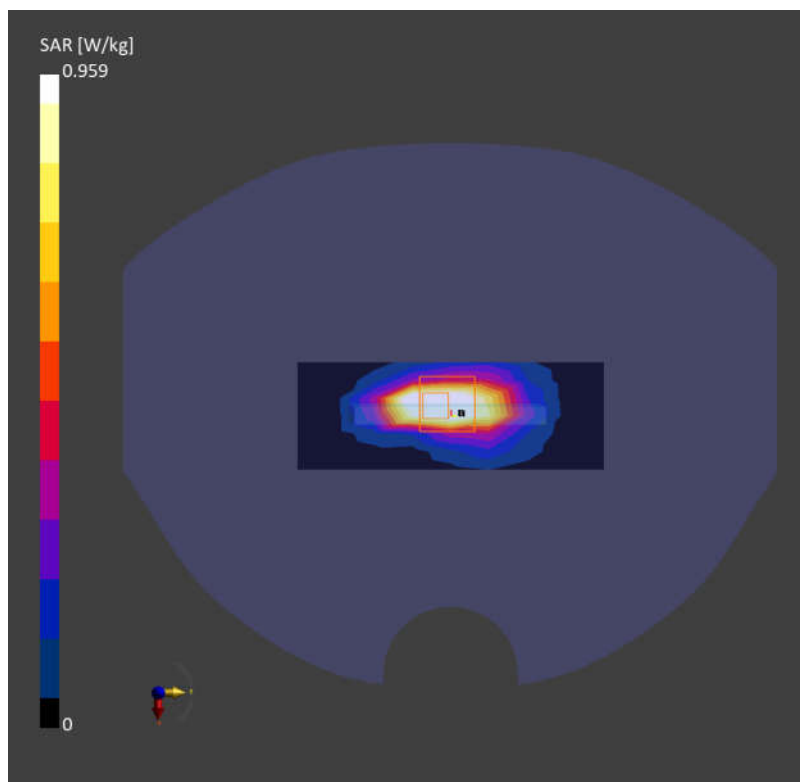
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 0.959 W/kg; SAR (10g) = 0.465 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 75.6 %



Date: 2025-01-11

35_WCDMA II_RMC 12.2Kbps_Bottom Side_5mm_Ch9262

Communication System: UMTS-FDD (WCDMA); Frequency: 1852.400 MHz; Duty Cycle: 1:1
Medium: Head Simulating Liquid Medium parameters used: $f = 1852.400$ MHz; $\sigma = 1.37$ S/m; $\epsilon_r = 40.1$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(6.48, 7.12, 6.7); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WCDMA, 10011-CAC

Area Scan (48.0 mm x 120.0 mm): Measurement Grid: 8.0 mm x 15.0 mm

SAR (1g) = 0.883 W/kg; SAR (10g) = 0.428 W/kg;

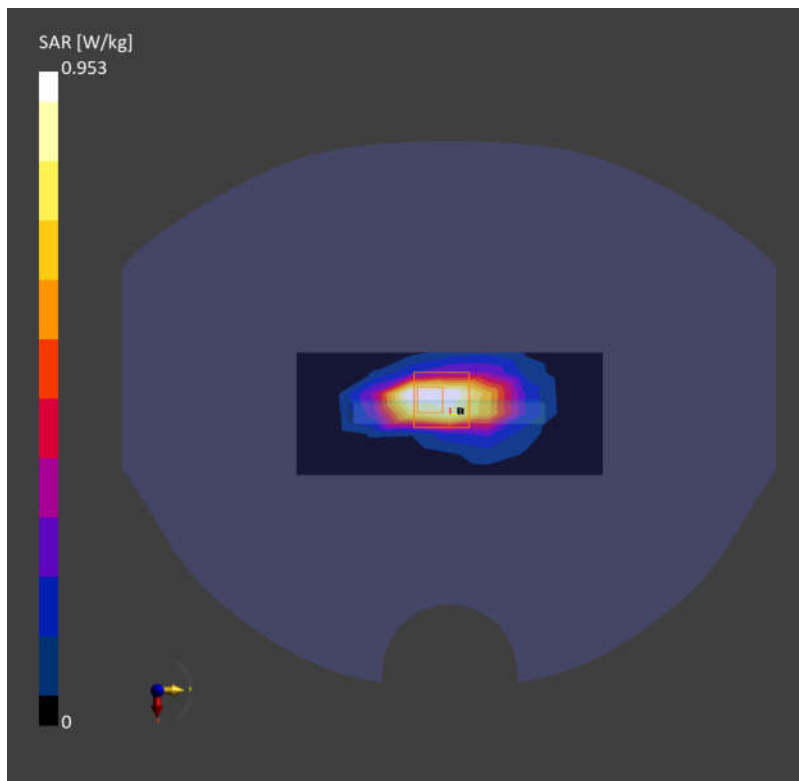
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.02 dB

SAR (1g) = 0.953 W/kg; SAR (10g) = 0.419 W/kg

Smallest distance from peaks to all points 3 dB below = 6.9 mm

Ratio of SAR at M2 to SAR at M1 = 75.2 %



Date: 2025-01-11

36_LTE Band 2_20M_QPSK_1RB_0Offset_Back_5mm_Ch18900

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)

AntennaCfg:SISO; Frequency: 1880.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.41$ S/m; $\epsilon_r = 40.2$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(6.48, 7.12, 6.7); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: LTE-FDD, 10169-CAF

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.857 W/kg; SAR (10g) = 0.460 W/kg;

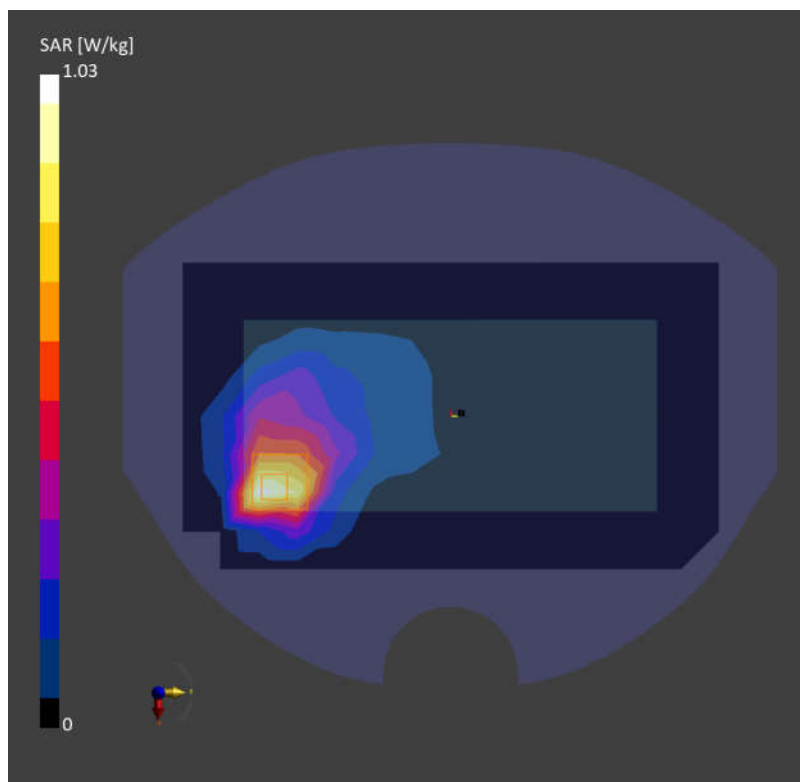
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.13 dB

SAR (1g) = 1.03 W/kg; SAR (10g) = 0.543 W/kg

Smallest distance from peaks to all points 3 dB below = 10.3 mm

Ratio of SAR at M2 to SAR at M1 = 86.7 %



Date: 2025-01-11

37_FR1 n2_40M_QPSK_108RB_54Offset_Bottom Side_5mm_Ch376000

Communication System: 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)

AntennaCfg:SISO; Frequency: 1880.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.41$ S/m; $\epsilon_r = 40.2$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(6.48, 7.12, 6.7); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: 5G NR FR1 FDD, 10931-AAC

Area Scan (42.0 mm x 120.0 mm): Measurement Grid: 7.0 mm x 15.0 mm

SAR (1g) = 1.06 W/kg; SAR (10g) = 0.527 W/kg;

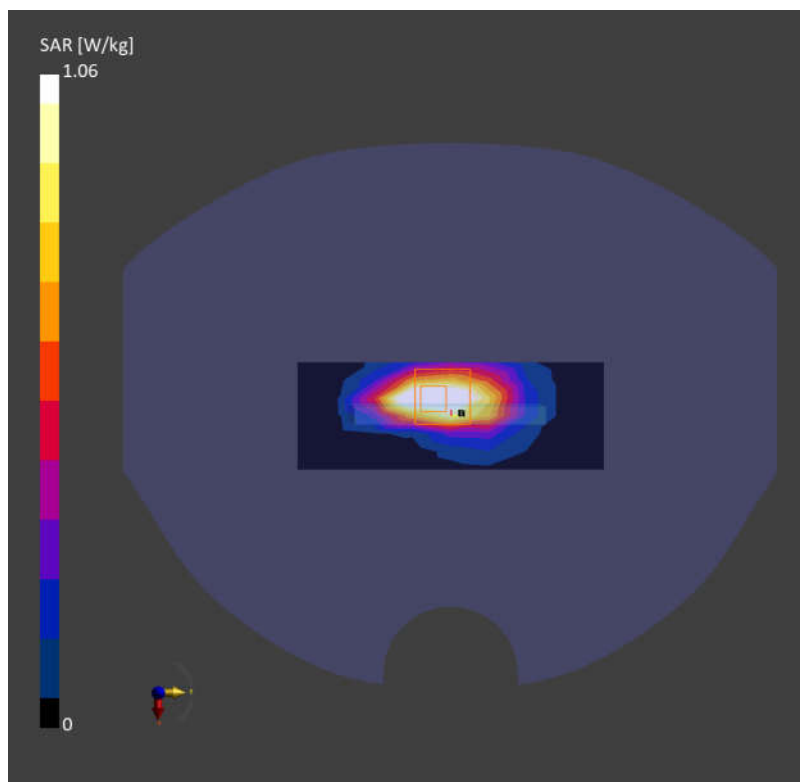
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.12 dB

SAR (1g) = 1.06 W/kg; SAR (10g) = 0.535 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 76.4 %



Date: 2025-01-13

38_LTE Band 7_20M_QPSK_1RB_0Offset_Bottom Side_5mm_Ch21100

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)

AntennaCfg:SISO; Frequency: 2535.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 2535.000$ MHz; $\sigma = 1.80$ S/m; $\epsilon_r = 39.2$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(6.16, 6.71, 6.3); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: LTE-FDD, 10169-CAF

Area Scan (48.0 mm x 120.0 mm): Measurement Grid: 8.0 mm x 12.0 mm

SAR (1g) = 0.901 W/kg; SAR (10g) = 0.352 W/kg;

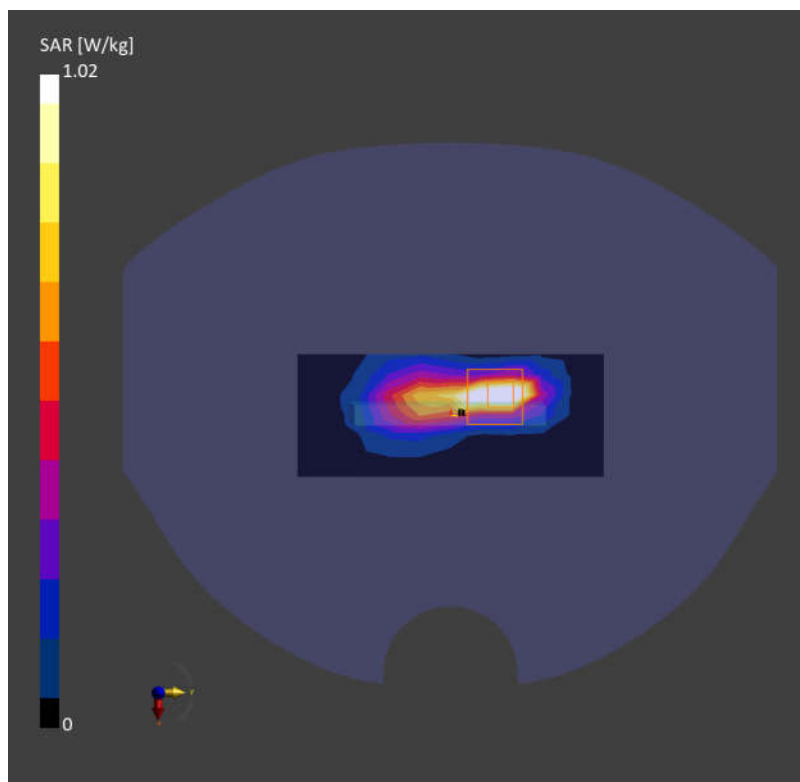
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.07 dB

SAR (1g) = 1.02 W/kg; SAR (10g) = 0.371 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 72.7 %



Date: 2025-01-13

39_LTE Band 41_20M_QPSK_1RB_0Offset_Back_5mm_Ch41490

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)

AntennaCfg:SISO; Frequency: 2680.000 MHz; Duty Cycle: 1:1.59

Medium: Head Simulating Liquid Medium parameters used: $f = 2680.000$ MHz; $\sigma = 1.94$ S/m; $\epsilon_r = 39.0$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(6.16, 6.71, 6.3); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: LTE-TDD, 10172-CAH

Area Scan (120.0 mm x 192.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.882 W/kg; SAR (10g) = 0.387 W/kg;

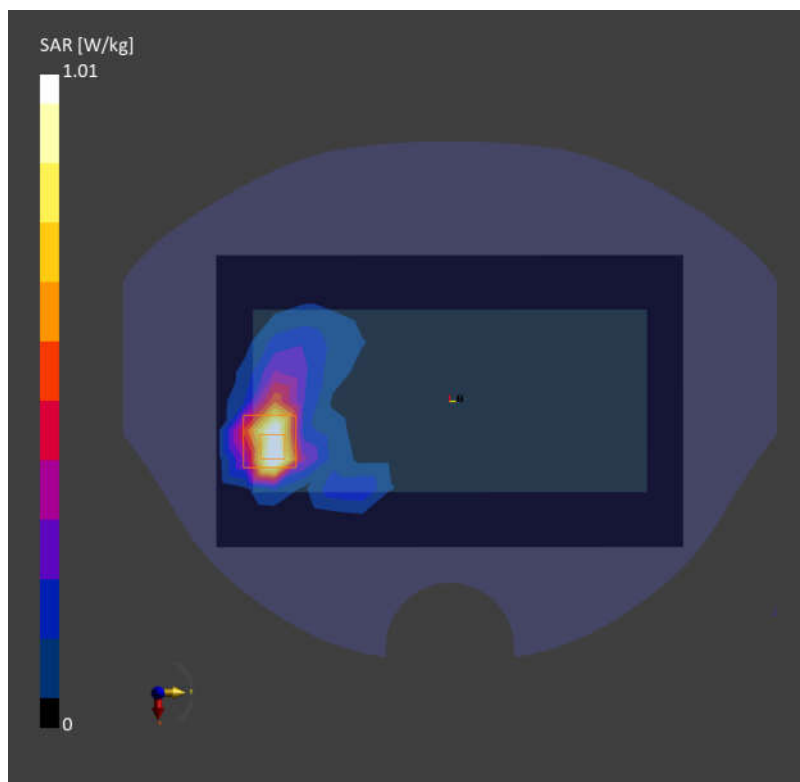
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.05 dB

SAR (1g) = 1.01 W/kg; SAR (10g) = 0.387 W/kg

Smallest distance from peaks to all points 3 dB below = 6.0 mm

Ratio of SAR at M2 to SAR at M1 = 78.2 %



Date: 2025-01-13

40_FR1 n7_50M_QPSK_1RB_1Offset_Bottom Side_5mm_Ch507000

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)

AntennaCfg:SISO; Frequency: 2535.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 2535.000$ MHz; $\sigma = 1.80$ S/m; $\epsilon_r = 39.2$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(6.16, 6.71, 6.3); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: 5G NR FR1 FDD, 10935-AAD

Area Scan (42.0 mm x 120.0 mm): Measurement Grid: 7.0 mm x 12.0 mm

SAR (1g) = 0.997 W/kg; SAR (10g) = 0.419 W/kg;

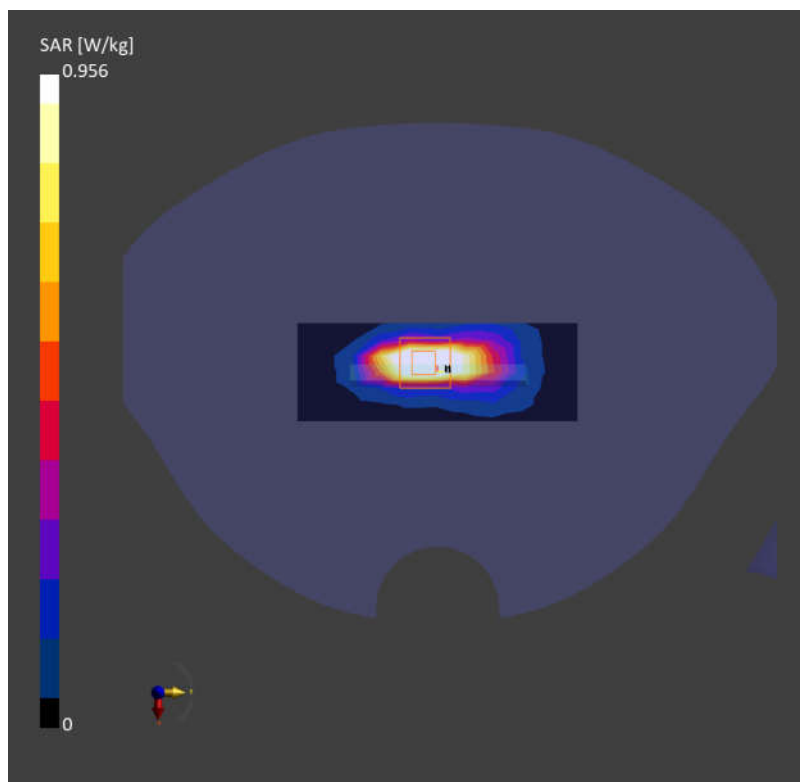
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.07 dB

SAR (1g) = 0.956 W/kg; SAR (10g) = 0.413 W/kg

Smallest distance from peaks to all points 3 dB below = 7.0 mm

Ratio of SAR at M2 to SAR at M1 = 75.1 %



Date: 2025-01-13

41_FR1 n41_100M_QPSK_135RB_69Offset_Bottom Side_5mm_Ch518598

Communication System: 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)

AntennaCfg:SISO; Frequency: 2592.990 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 2592.990$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 39.2$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(6.16, 6.71, 6.3); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: 5G NR FR1 TDD, 10917-AAD

Area Scan (42.0 mm x 120.0 mm): Measurement Grid: 7.0 mm x 12.0 mm

SAR (1g) = 0.921 W/kg; SAR (10g) = 0.344 W/kg;

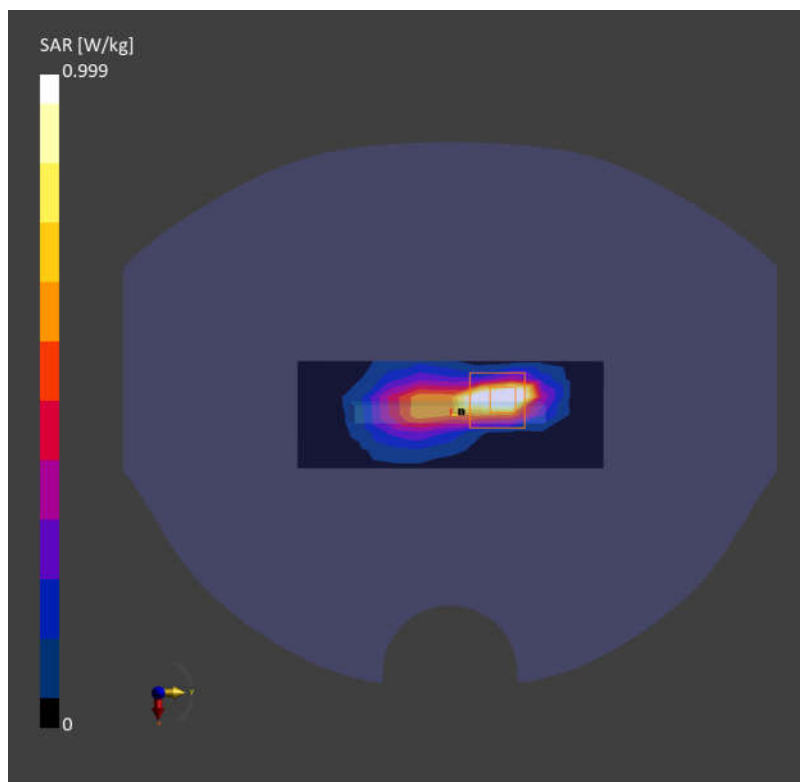
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.14 dB

SAR (1g) = 0.999 W/kg; SAR (10g) = 0.346 W/kg

Smallest distance from peaks to all points 3 dB below = 5.0 mm

Ratio of SAR at M2 to SAR at M1 = 72.9 %



Date: 2025-01-14

42_LTE Band 42_20M_QPSK_1RB_0Offset_Right Side_5mm_Ch42590

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)

AntennaCfg:SISO; Frequency: 3500.000 MHz; Duty Cycle: 1:1.59

Medium: Head Simulating Liquid Medium parameters used: $f = 3500.000$ MHz; $\sigma = 2.81$ S/m; $\epsilon_r = 38.7$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(5.49, 6.05, 5.64); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: LTE-TDD, 10172-CAH

Area Scan (48.0 mm x 200.0 mm): Measurement Grid: 8.0 mm x 10.0 mm

SAR (1g) = 1.06 W/kg; SAR (10g) = 0.351 W/kg;

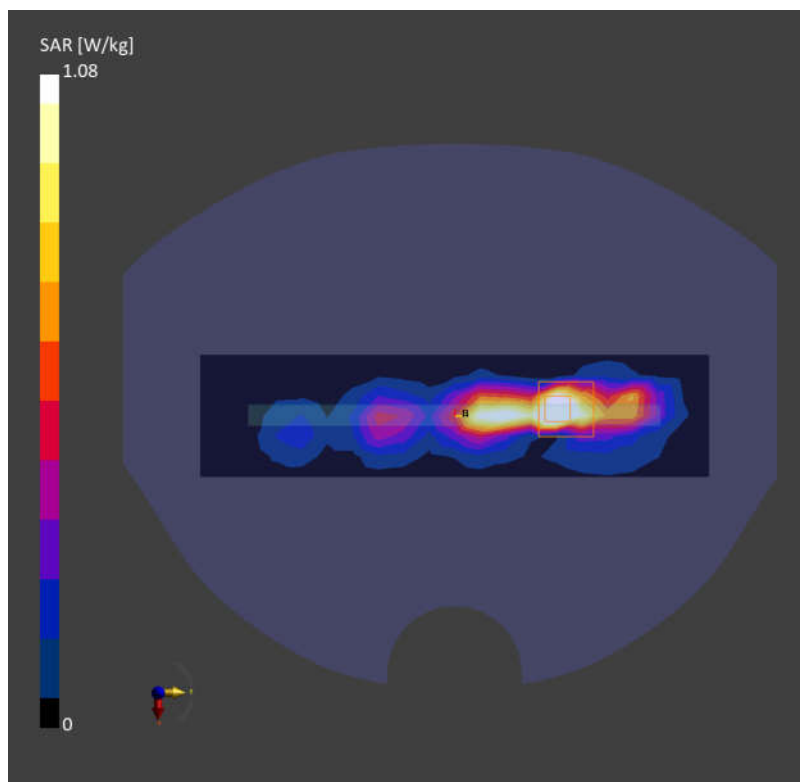
Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.06 dB

SAR (1g) = 1.08 W/kg; SAR (10g) = 0.317 W/kg

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

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



Date: 2025-01-15

43_FR1 n77_100M_QPSK_1RB_1Offset_Right Side_5mm_Ch656000

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)

AntennaCfg:SISO; Frequency: 3840.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 3840.000$ MHz; $\sigma = 3.11$ S/m; $\epsilon_r = 38.1$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(5.5, 6.03, 5.62); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: 5G NR FR1 TDD, 10917-AAD

Area Scan (42.0 mm x 200.0 mm): Measurement Grid: 7.0 mm x 10.0 mm

SAR (1g) = 1.03 W/kg; SAR (10g) = 0.302 W/kg;

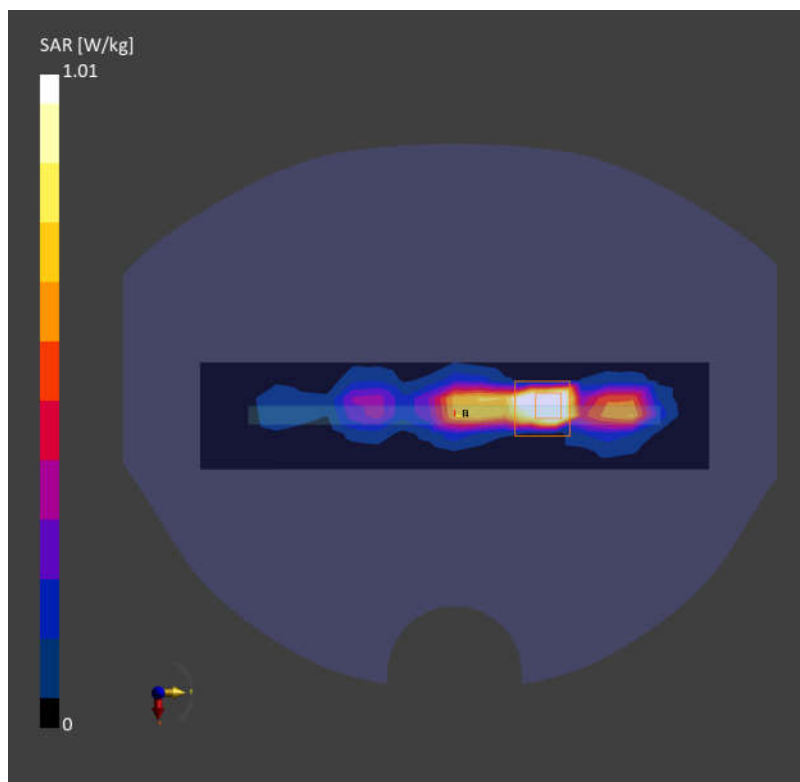
Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.03 dB

SAR (1g) = 1.01 W/kg; SAR (10g) = 0.271 W/kg

Smallest distance from peaks to all points 3 dB below = 4.0 mm

Ratio of SAR at M2 to SAR at M1 = 70.2 %



Date: 2025-01-16

44_WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ch1

Communication System: IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps); Frequency: 2412.000 MHz;
Duty Cycle: 1:1.009

Medium: Head Simulating Liquid Medium parameters used: $f = 2412.000$ MHz; $\sigma = 1.73$ S/m; $\epsilon_r = 39.4$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(6.08, 6.63, 6.23); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10012-CAB

Area Scan (120.0 mm x 192.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.458 W/kg; SAR (10g) = 0.243 W/kg;

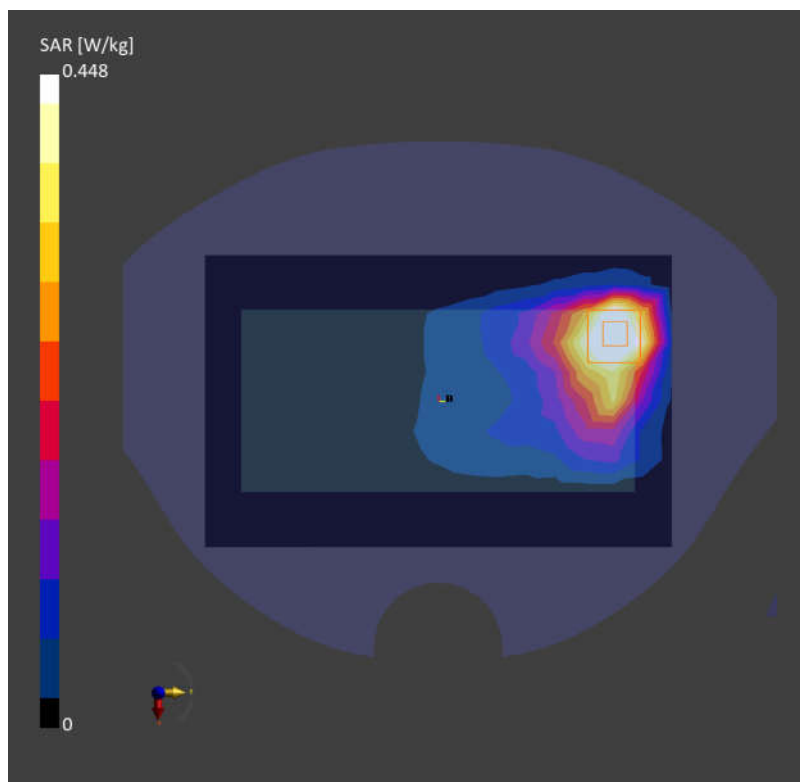
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.19 dB

SAR (1g) = 0.448 W/kg; SAR (10g) = 0.228 W/kg

Smallest distance from peaks to all points 3 dB below = 10.0 mm

Ratio of SAR at M2 to SAR at M1 = 73.8 %



Date: 2025-01-16

45_Bluetooth_1Mbps_Back_5mm_Ch39

Communication System: IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441.000 MHz; Duty Cycle: 1:1.308

Medium: Head Simulating Liquid Medium parameters used: $f = 2441.000$ MHz; $\sigma = 1.84$ S/m; $\epsilon_r = 39.1$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(6.08, 6.63, 6.23); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: Bluetooth, 10032-CAA

Area Scan (120.0 mm x 192.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.241 W/kg; SAR (10g) = 0.119 W/kg;

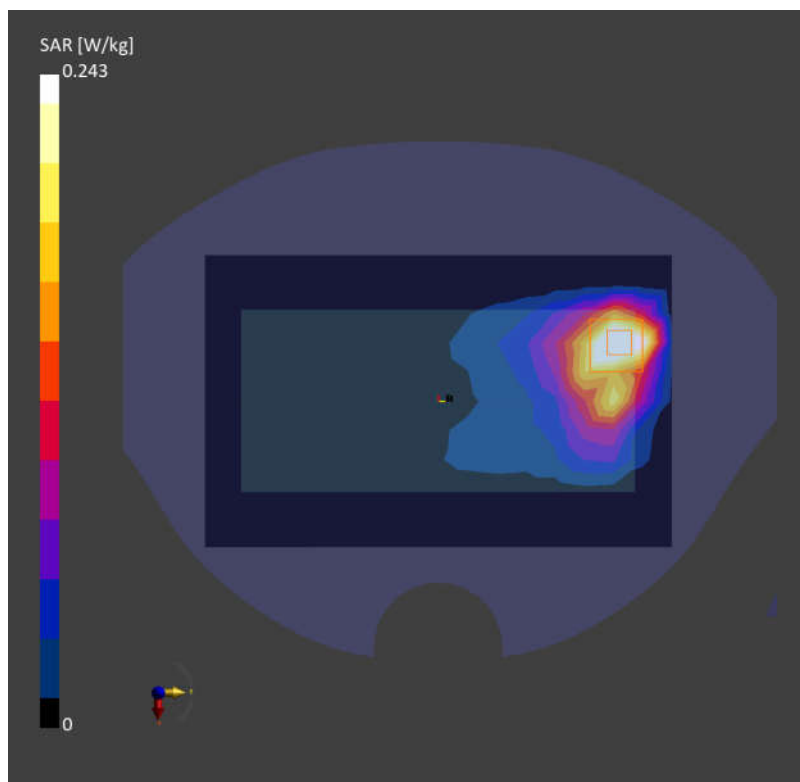
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.06 dB

SAR (1g) = 0.243 W/kg; SAR (10g) = 0.115 W/kg

Smallest distance from peaks to all points 3 dB below = 10.5 mm

Ratio of SAR at M2 to SAR at M1 = 74.1 %



Date: 2025-01-17

46_WLAN5GHz_802.11n-HT40 MCS0_Back_5mm_Ch46

Communication System: IEEE 802.11n WiFi (40MHz, MCS0, 90pc duty cycle); Frequency: 5230.000 MHz; Duty Cycle: 1:1.067

Medium: Head Simulating Liquid Medium parameters used: $f = 5230.000$ MHz; $\sigma = 4.51$ S/m; $\epsilon_r = 35.0$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(4.32, 4.72, 4.38); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10599-AAD

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.285 W/kg; SAR (10g) = 0.093 W/kg;

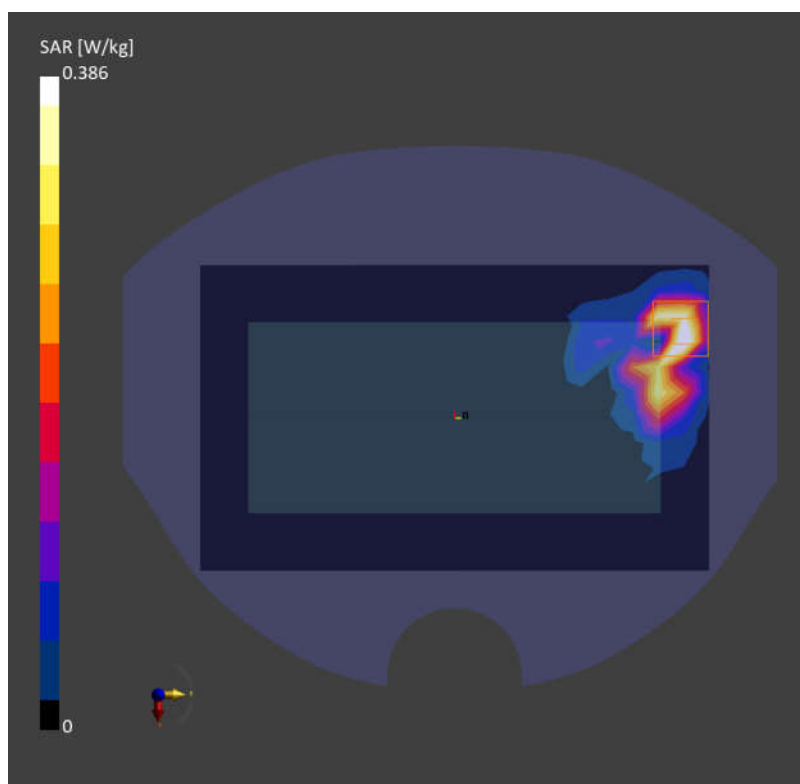
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.04 dB

SAR (1g) = 0.386 W/kg; SAR (10g) = 0.097 W/kg

Smallest distance from peaks to all points 3 dB below = 4.6 mm

Ratio of SAR at M2 to SAR at M1 = 67.2 %



Date: 2025-01-19

47_WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ch155

Communication System: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle); Frequency: 5775.000 MHz; Duty Cycle: 1:1.134

Medium: Head Simulating Liquid Medium parameters used: $f = 5775.000$ MHz; $\sigma = 5.15$ S/m; $\epsilon_r = 34.1$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(3.91, 4.24, 3.96); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10544-AAD

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.346 W/kg; SAR (10g) = 0.132 W/kg;

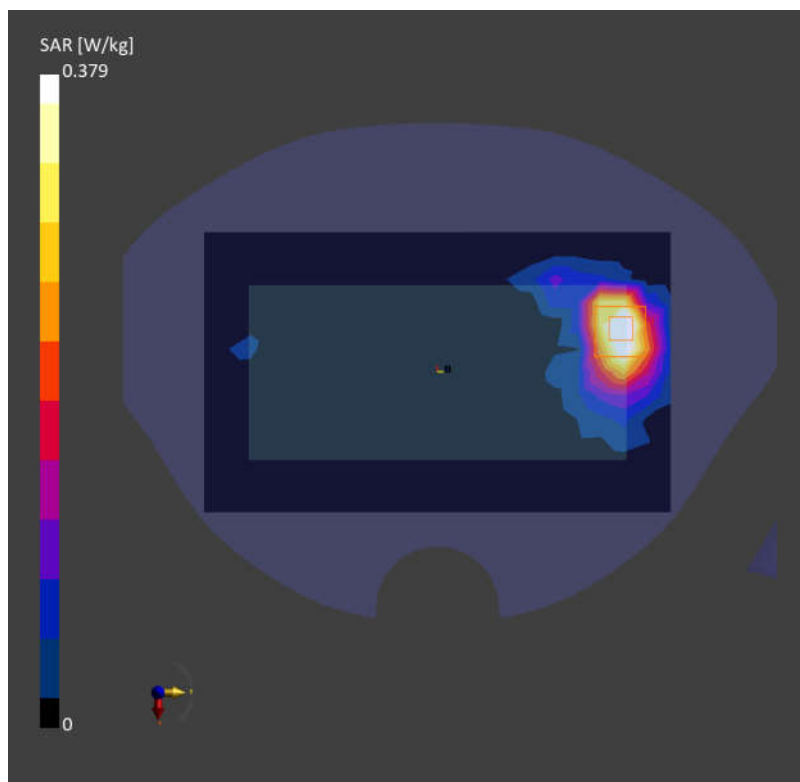
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.14 dB

SAR (1g) = 0.379 W/kg; SAR (10g) = 0.124 W/kg

Smallest distance from peaks to all points 3 dB below = 6.9 mm

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



Date: 2025-01-05

48_LTE Band 12_10M_QPSK_1RB_0Offset_Back_5mm_Ch23095

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)

AntennaCfg:SISO; Frequency: 707.500 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 707.500$ MHz; $\sigma = 0.863$ S/m; $\epsilon_r = 42.6$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(8.12, 8.81, 8.04); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: LTE-FDD, 10175-CAH

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.685 W/kg; SAR (10g) = 0.441 W/kg;

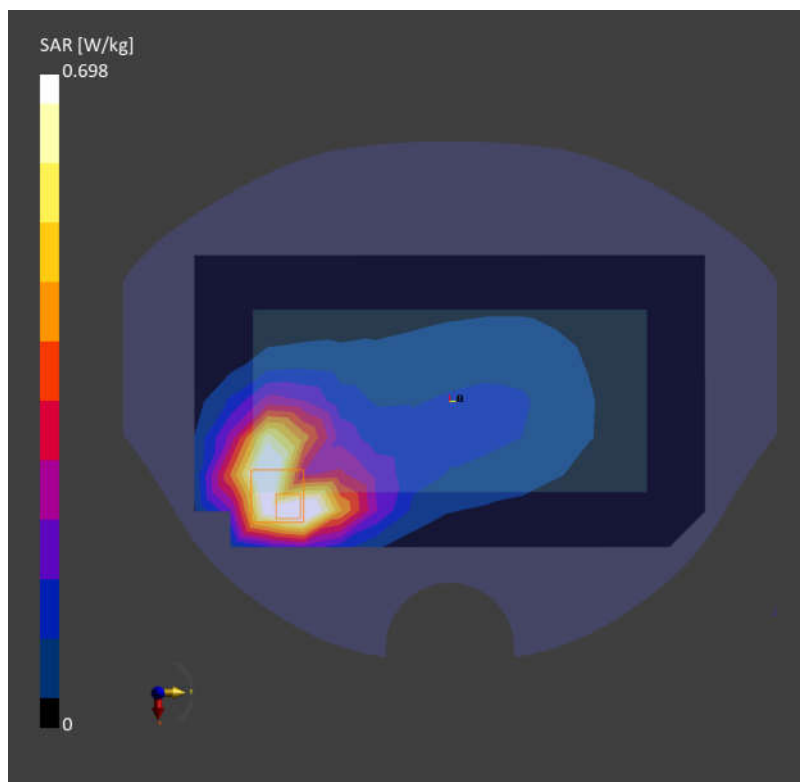
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.01 dB

SAR (1g) = 0.698 W/kg; SAR (10g) = 0.349 W/kg

Smallest distance from peaks to all points 3 dB below = 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 72.7 %



Date: 2025-01-05

49_LTE Band 13_10M_QPSK_1RB_0Offset_Back_5mm_Ch23230

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)

AntennaCfg:SISO; Frequency: 782.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 782.000$ MHz; $\sigma = 0.895$ S/m; $\epsilon_r = 42.4$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(8.12, 8.81, 8.04); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: LTE-FDD, 10175-CAH

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.587 W/kg; SAR (10g) = 0.368 W/kg;

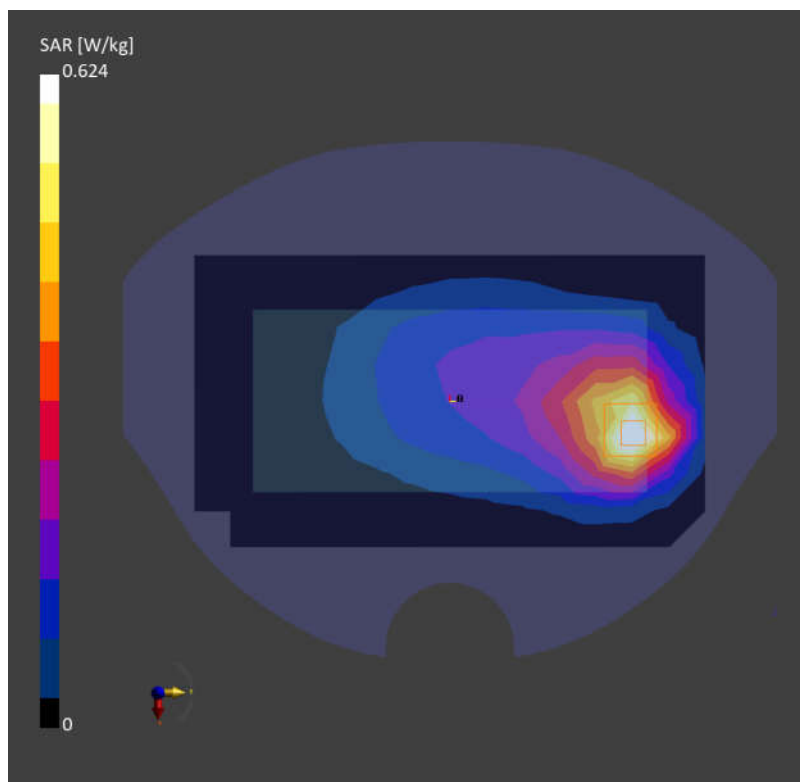
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 0.624 W/kg; SAR (10g) = 0.352 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 69.4 %



Date: 2025-01-07

50_GSM850_GPRS (3 Tx slots)_Back_5mm_Ch251

Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2); Frequency: 848.800 MHz; Duty Cycle: 1:2.77

Medium: Head Simulating Liquid Medium parameters used: $f = 848.800$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 42.0$

Ambient Temperature: 23.4°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7774; ConvF(7.76, 8.53, 7.85); Calibrated: 2024-06-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2024-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: GSM, 10027-DAC

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 1.07 W/kg; SAR (10g) = 0.675 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 1.06 W/kg; SAR (10g) = 0.528 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 79.4 %

