

01_LTE Band 12_10M_QPSK_1RB_0Offset_Right Cheek_0mm_Ch23095

Communication System: Band 12; Frequency: 707.500

Medium: HSL. Medium parameters used: $f = 707.500$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 41.3$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(9.76, 10.11, 9.77); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: 16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 10.0 mm x 15.0 mm

SAR (1g) = 0.783 W/kg; SAR (10g) = 0.487 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;

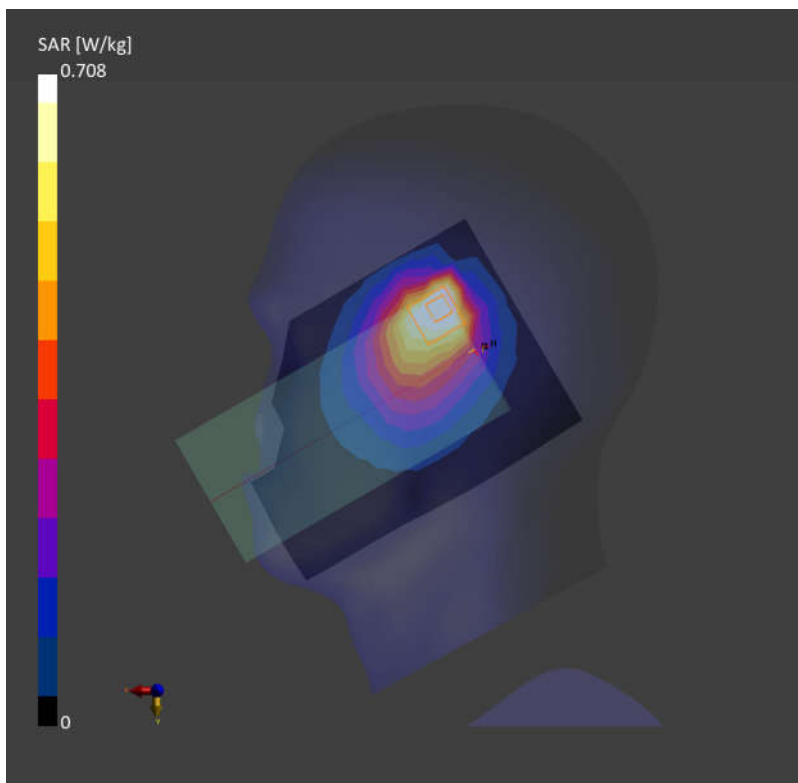
Graded Ratio: 1.4

Power Drift = -0.01 dB

SAR (1g) = 0.708 W/kg; SAR (10g) = 0.411 W/kg;

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

Ratio of SAR at M2 to SAR at M1 = 66.1 %



02_LTE Band 13_10M_QPSK_1RB_0Offset_Right Cheek_0mm_Ch23230

Communication System: Band 13; Frequency: 782.000

Medium: HSL. Medium parameters used: $f = 782.000$ MHz; $\sigma = 0.911$ S/m; $\epsilon_r = 41.1$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(9.76, 10.11, 9.77); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: 16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 10.0 mm x 15.0 mm

SAR (1g) = 0.776 W/kg; SAR (10g) = 0.486 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;

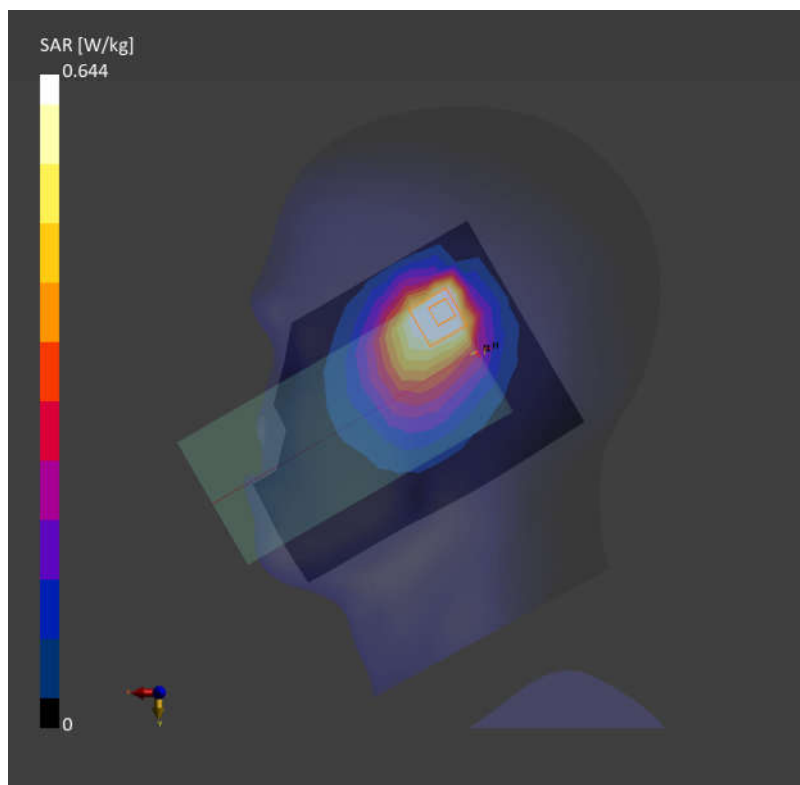
Graded Ratio: 1.5

Power Drift = 0.14 dB

SAR (1g) = 0.644 W/kg; SAR (10g) = 0.401 W/kg;

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

Ratio of SAR at M2 to SAR at M1 = 65.2 %



03_GSM850_GPRS (4 Tx slots)_Right Cheek_0mm_Ch128

Communication System: GSM 850; Frequency: 824.200

Medium: HSL. Medium parameters used: $f = 824.200$ MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 41.6$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(9.83, 9.58, 9.35); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: 16.4.0.5005

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

SAR (1g) = 0.645 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;

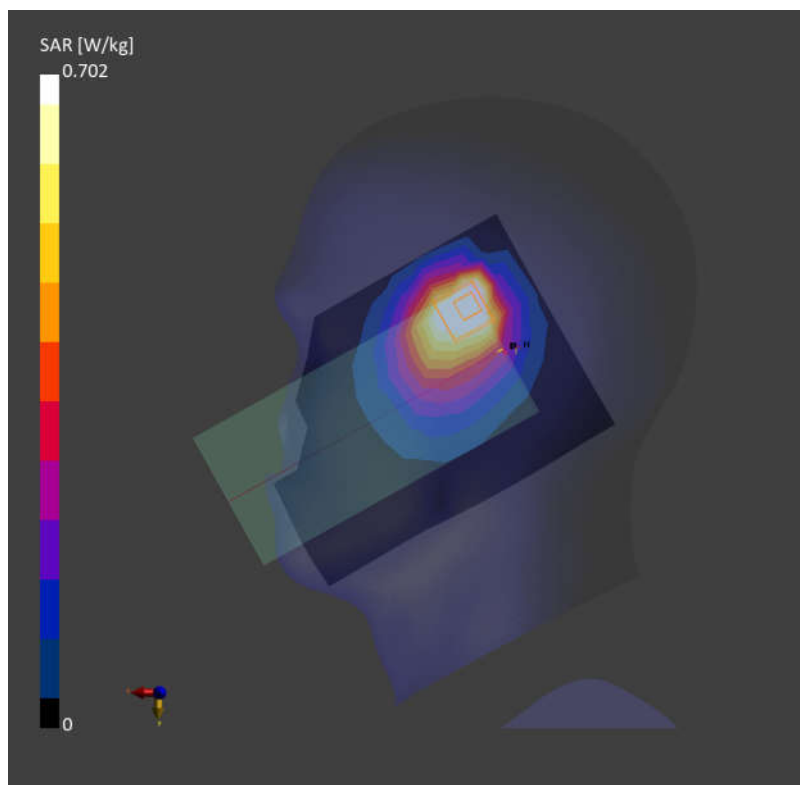
Graded Ratio: 1.5

Power Drift = -0.08 dB

SAR (1g) = 0.702 W/kg; SAR (10g) = 0.385 W/kg;

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

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



04_WCDMA V_RMC 12.2Kbps_Right Cheek_0mm_Ch4132

Communication System: Band 5; Frequency: 826.400

Medium: HSL. Medium parameters used: $f = 826.400$ MHz; $\sigma = 0.893$ S/m; $\epsilon_r = 41.2$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.9°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(9.83, 9.58, 9.35); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: 16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 10.0 mm x 15.0 mm

SAR (1g) = 0.641 W/kg; SAR (10g) = 0.423 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;

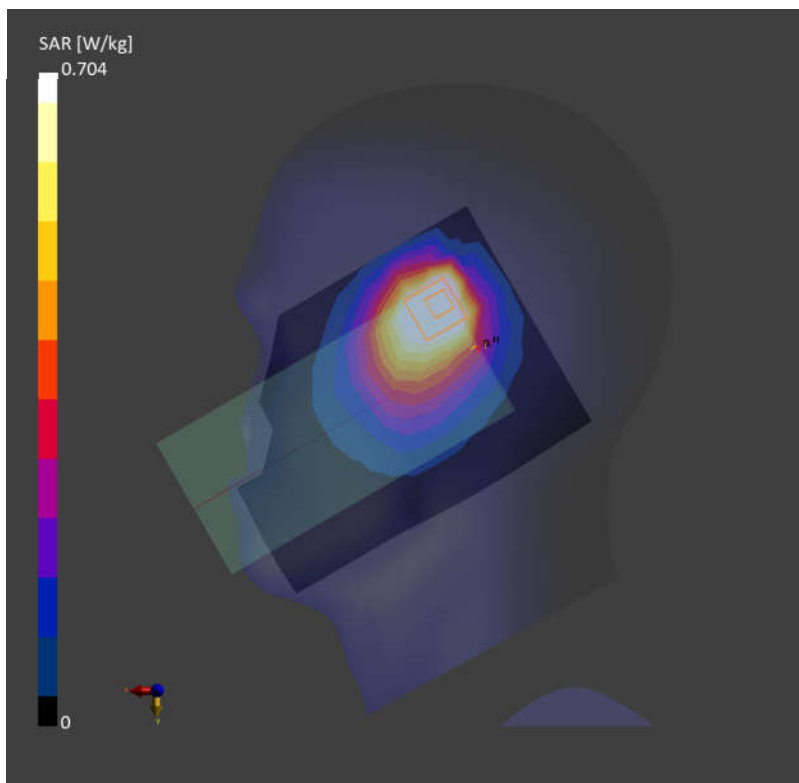
Graded Ratio: 1.5

Power Drift = -0.06 dB

SAR (1g) = 0.704 W/kg; SAR (10g) = 0.395 W/kg;

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

Ratio of SAR at M2 to SAR at M1 = 71.0 %



05_LTE Band 26_15M_QPSK_1RB_0Offset_Right Cheek_0mm_Ch26865

Communication System: Band 26; Frequency: 831.500

Medium: HSL. Medium parameters used: $f = 831.500$ MHz; $\sigma = 0.898$ S/m; $\epsilon_r = 41.3$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.9°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(9.83, 9.58, 9.35); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: 16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 10.0 mm x 15.0 mm

SAR (1g) = 0.717 W/kg; SAR (10g) = 0.478 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;

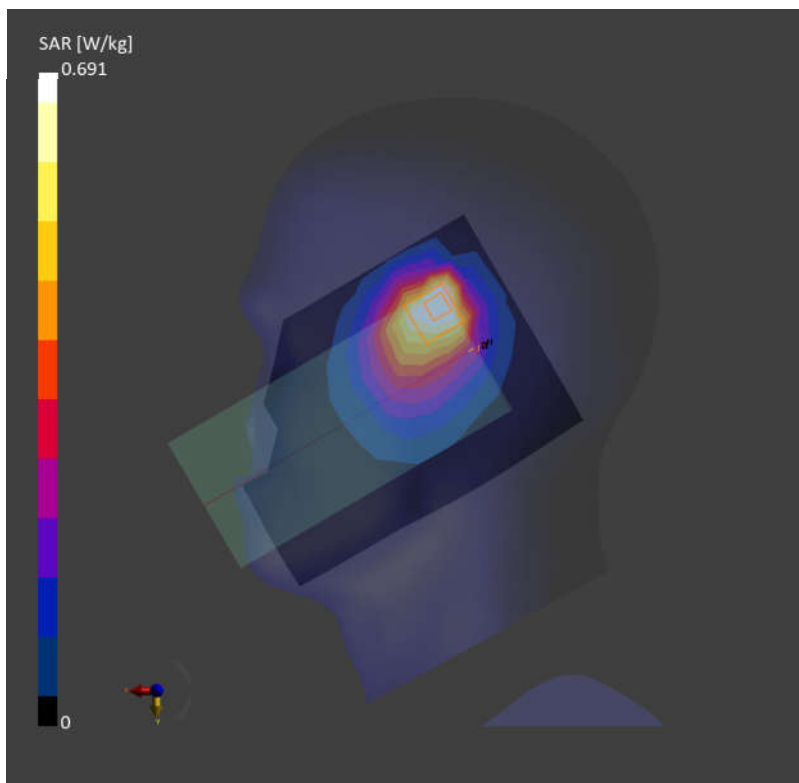
Graded Ratio: 1.5

Power Drift = 0.11 dB

SAR (1g) = 0.691 W/kg; SAR (10g) = 0.482 W/kg;

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

Ratio of SAR at M2 to SAR at M1 = 65.3 %



06_FR1 n26_20M_QPSK_1RB_1Offset_Right Cheek_0mm_Ch166300

Communication System: Band n26; Frequency: 831.500

Medium: HSL. Medium parameters used: $f = 831.500$ MHz; $\sigma = 0.898$ S/m; $\epsilon_r = 41.3$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(9.83, 9.58, 9.35); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: 16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 10.0 mm x 15.0 mm

SAR (1g) = 0.757 W/kg; SAR (10g) = 0.465 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;

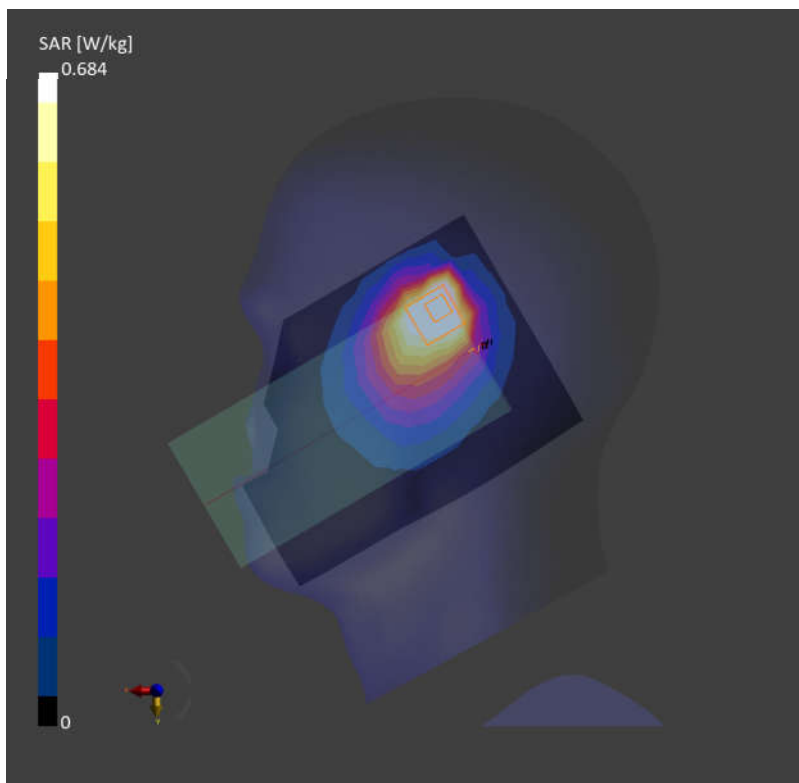
Graded Ratio: 1.5

Power Drift = -0.06 dB

SAR (1g) = 0.684 W/kg; SAR (10g) = 0.411 W/kg;

Smallest distance from peaks to all points 3dB below is 5.2 mm

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



07_WCDMA IV_RMC 12.2Kbps_Left Cheek_0mm_Ch1413

Communication System: Band 4; Frequency: 1732.600

Medium: HSL. Medium parameters used: $f = 1732.600$ MHz; $\sigma = 1.40$ S/m; $\epsilon_r = 40.8$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(8.64, 8.47, 8.41); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: 16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 10.0 mm x 15.0 mm

SAR (1g) = 0.172 W/kg; SAR (10g) = 0.096 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;

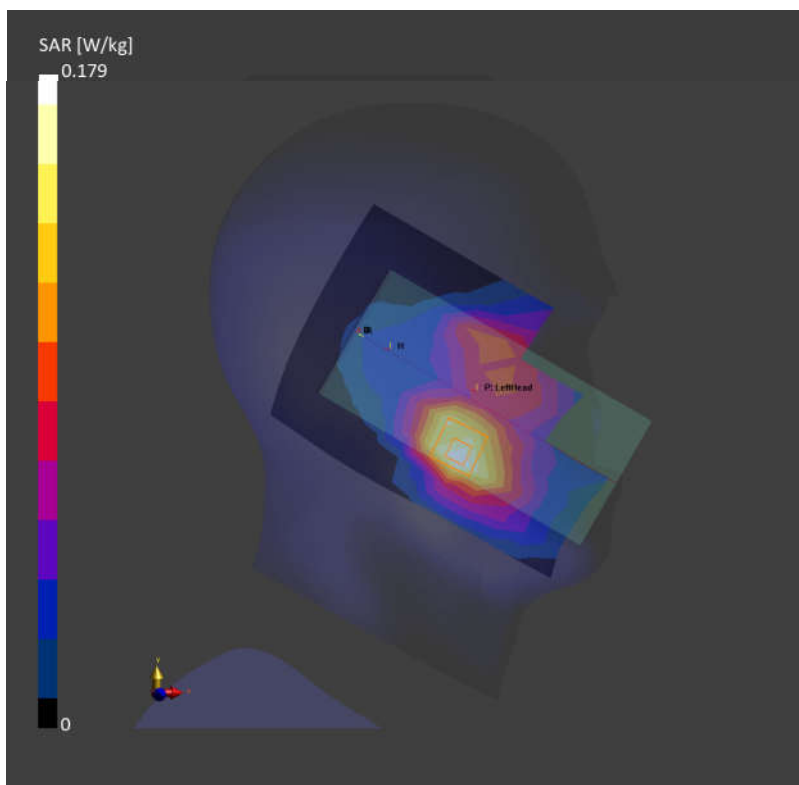
Graded Ratio: 1.5

Power Drift = -0.02 dB

SAR (1g) = 0.179 W/kg; SAR (10g) = 0.111 W/kg;

Smallest distance from peaks to all points 3dB below is 11.1 mm

Ratio of SAR at M2 to SAR at M1 = 85.2 %



08_LTE Band 66_20M_QPSK_1RB_0Offset_Right Cheek_0mm_Ch132072

Communication System: Band 66; Frequency: 1720.000

Medium: HSL. Medium parameters used: $f = 1720.000$ MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 40.8$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(8.64, 8.47, 8.41); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: 16.4.0.5005

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

SAR (1g) = 0.559 W/kg; SAR (10g) = 0.314 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;

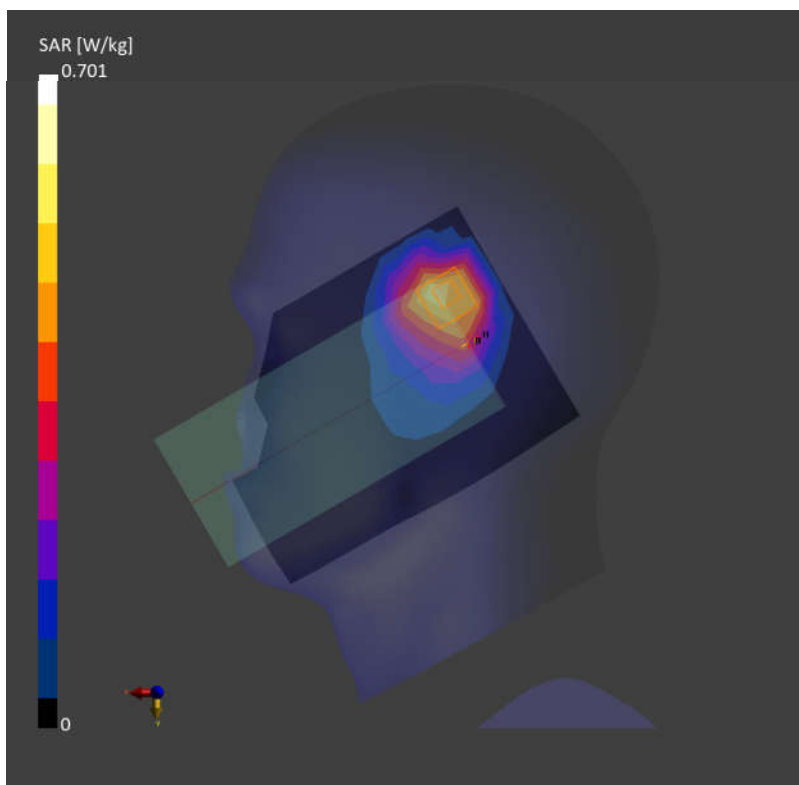
Graded Ratio: 1.5

Power Drift = 0.1 dB

SAR (1g) = 0.701 W/kg; SAR (10g) = 0.331 W/kg;

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

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



09_FR1 n66_45M_QPSK_1RB_1Offset_Right Tilted_0mm_Ch349000

Communication System: Band n66; Frequency: 1745.000

Medium: HSL. Medium parameters used: $f = 1745.000$ MHz; $\sigma = 1.41$ S/m; $\epsilon_r = 40.7$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(8.64, 8.47, 8.41); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: 16.4.0.5005

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

SAR (1g) = 0.582 W/kg; SAR (10g) = 0.354 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;

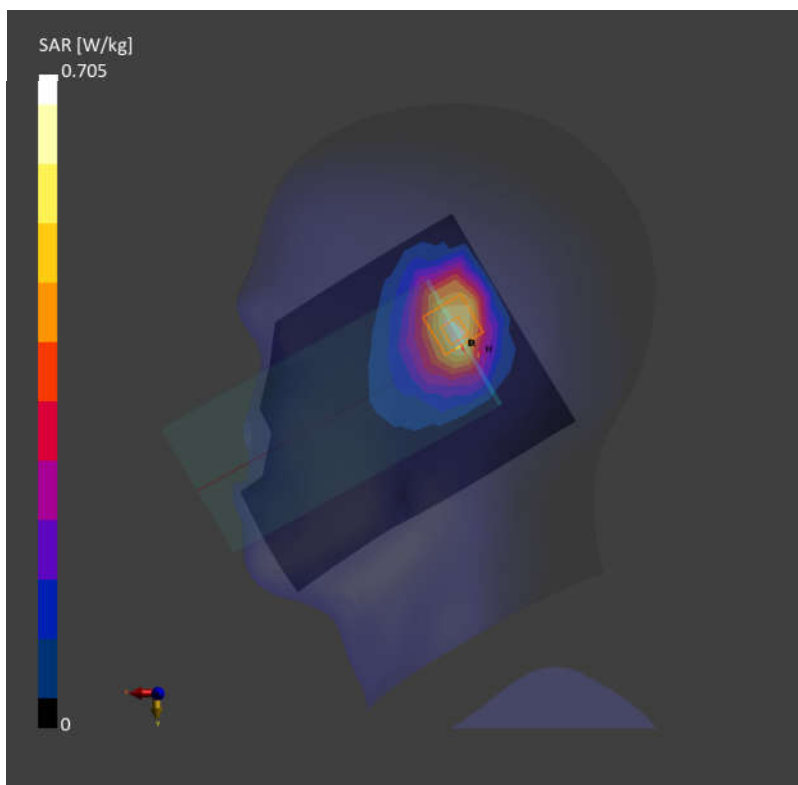
Graded Ratio: 1.5

Power Drift = 0.03 dB

SAR (1g) = 0.705 W/kg; SAR (10g) = 0.339 W/kg;

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

Ratio of SAR at M2 to SAR at M1 = 80.2 %



10_GSM1900_GPRS (4 Tx slots)_Right Cheek_0mm_Ch661

Communication System: PCS 1900; Frequency: 1880.000

Medium: HSL. Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.42$ S/m; $\epsilon_r = 39.9$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(8.29, 8.18, 8.09); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: 16.4.0.5005

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

SAR (1g) = 0.177 W/kg; SAR (10g) = 0.101 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;

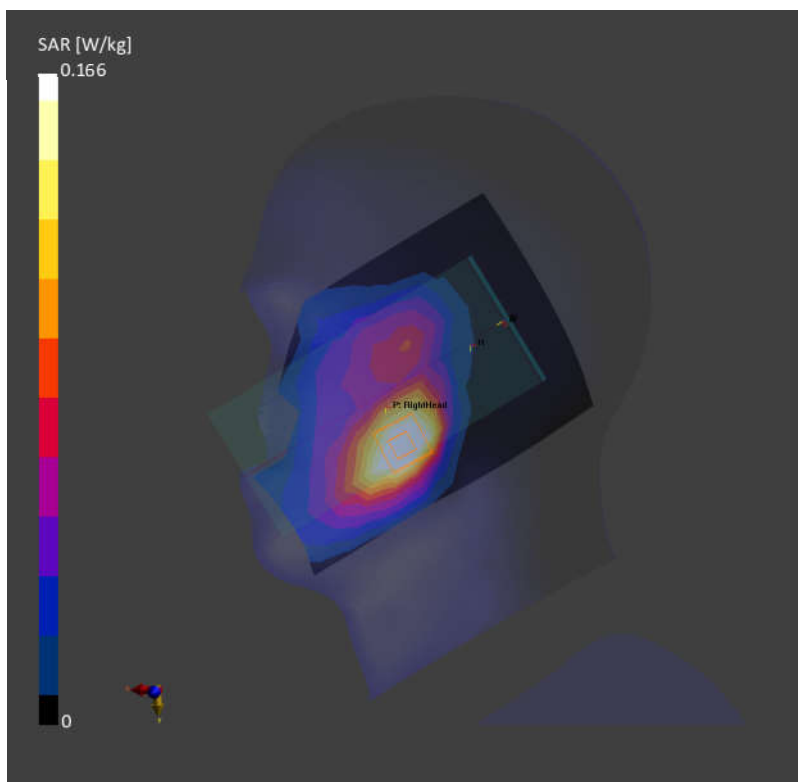
Graded Ratio: 1.5

Power Drift = 0.09 dB

SAR (1g) = 0.166 W/kg; SAR (10g) = 0.091 W/kg;

Smallest distance from peaks to all points 3dB below is 3.3 mm

Ratio of SAR at M2 to SAR at M1 = 89.1 %



11_WCDMA II_RMC 12.2Kbps_Right Cheek_0mm_Ch9400

Communication System: Band 2; Frequency: 1880.000

Medium: HSL. Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.38$ S/m; $\epsilon_r = 39.1$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(8.29, 8.18, 8.09); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: 16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 10.0 mm x 15.0 mm

SAR (1g) = 0.213 W/kg; SAR (10g) = 0.124 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;

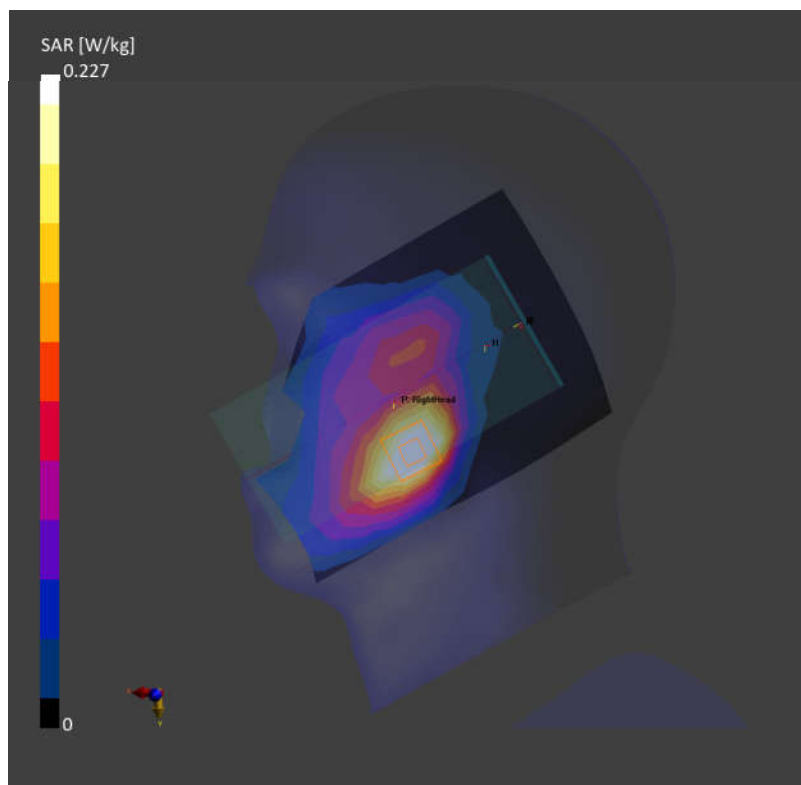
Graded Ratio: 1.5

Power Drift = -0.02 dB

SAR (1g) = 0.227 W/kg; SAR (10g) = 0.144 W/kg;

Smallest distance from peaks to all points 3dB below is 12.3 mm

Ratio of SAR at M2 to SAR at M1 = 68.4 %



12_LTE Band 25_20M_QPSK_1RB_0Offset_Right Cheek_0mm_Ch26340

Communication System: Band 25; Frequency: 1880.000

Medium: HSL. Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.38$ S/m; $\epsilon_r = 39.1$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(8.29, 8.18, 8.09); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: 16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 10.0 mm x 15.0 mm

SAR (1g) = 0.635 W/kg; SAR (10g) = 0.381 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;

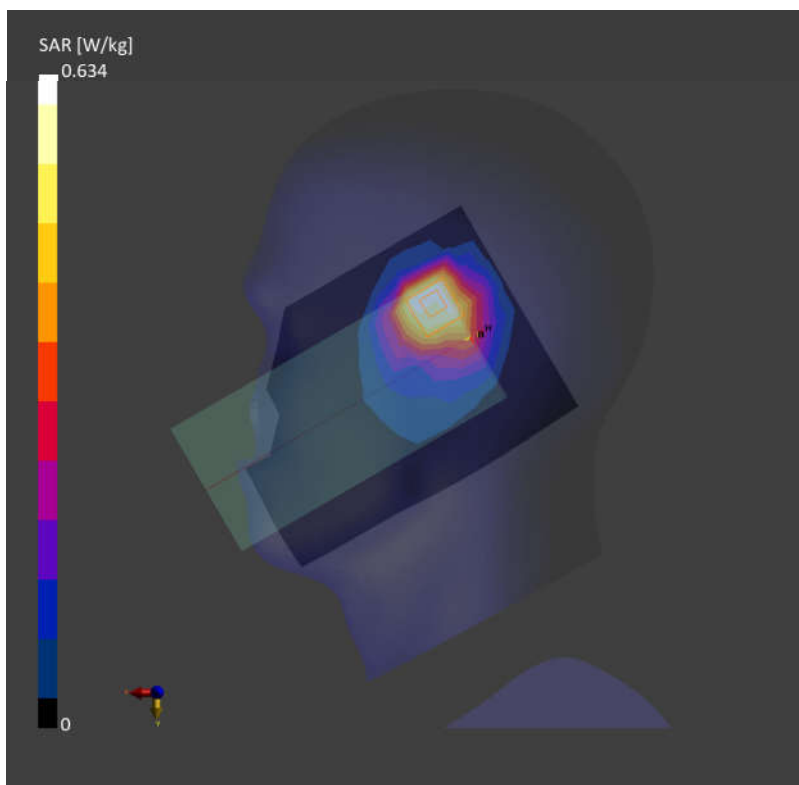
Graded Ratio: 1.5

Power Drift = 0.01 dB

SAR (1g) = 0.634 W/kg; SAR (10g) = 0.378 W/kg;

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

Ratio of SAR at M2 to SAR at M1 = 87.1 %



13_FR1 n2_40M_QPSK_108RB_54Offset_Right Cheek_0mm_Ch376000

Communication System: Band n2; Frequency: 1880.000

Medium: HSL. Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.38$ S/m; $\epsilon_r = 39.1$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(8.29, 8.18, 8.09); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: 16.4.0.5005

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

SAR (1g) = 0.558 W/kg; SAR (10g) = 0.320 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;

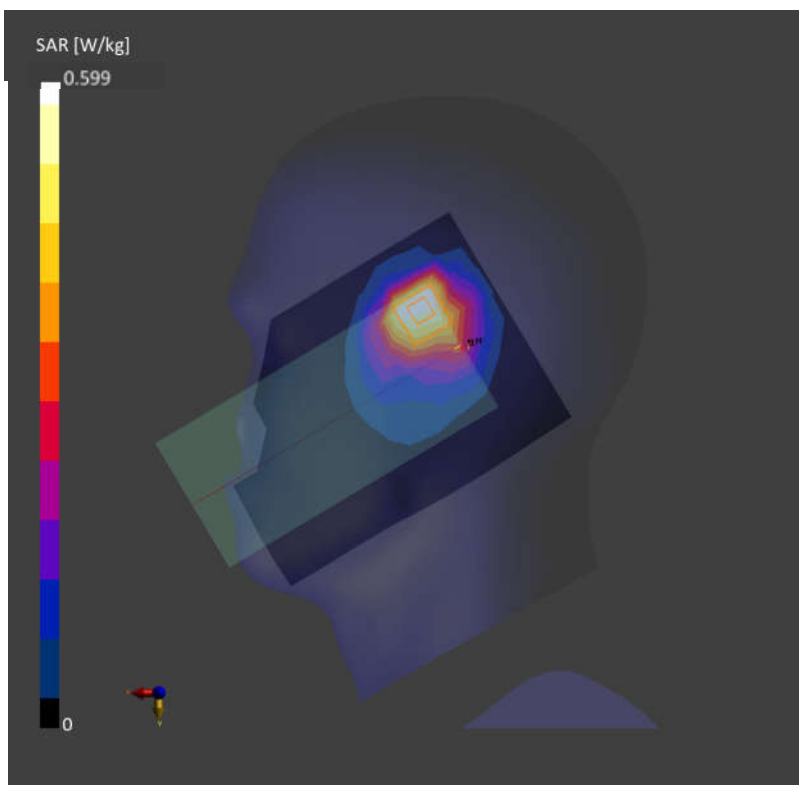
Graded Ratio: 1.5

Power Drift = -0.03 dB

SAR (1g) = 0.599 W/kg; SAR (10g) = 0.356 W/kg;

Smallest distance from peaks to all points 3dB below is 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 86.9 %



14_LTE Band 7_20M_QPSK_1RB_0Offset_Right Tilted_0mm_Ch21350

Communication System: Band 7; Frequency: 2560.000

Medium: HSL. Medium parameters used: $f = 2560.000$ MHz; $\sigma = 1.92$ S/m; $\epsilon_r = 40.5$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(7.84, 7.77, 7.69); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: 16.4.0.5005

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

SAR (1g) = 0.691 W/kg; SAR (10g) = 0.315 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;

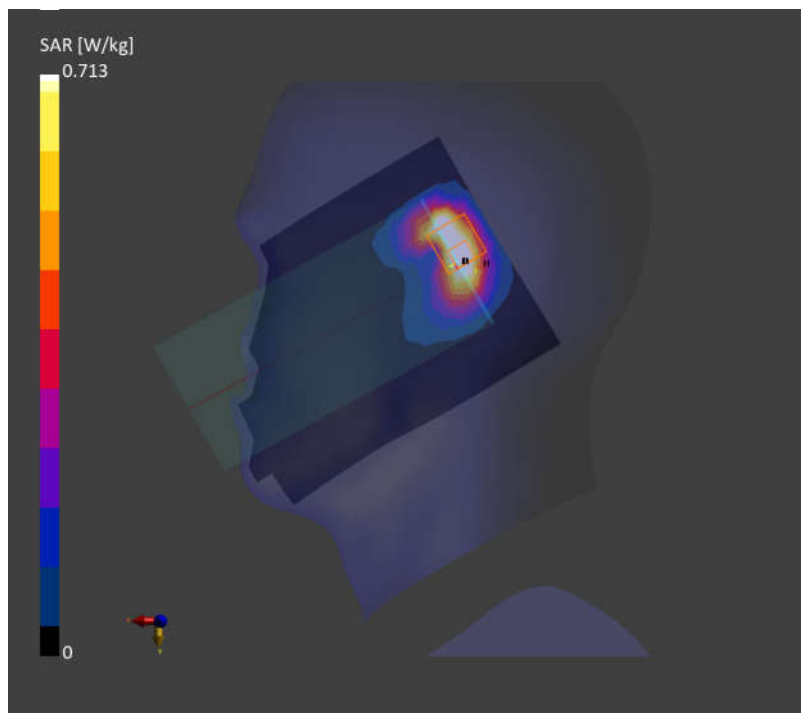
Graded Ratio: 1.5

Power Drift = -0.06 dB

SAR (1g) = 0.713 W/kg; SAR (10g) = 0.311 W/kg;

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

Ratio of SAR at M2 to SAR at M1 = 78.8 %



15_LTE Band 41_20M_QPSK_1RB_0Offset_Right Tilted_0mm_Ch40620

Communication System: Band 41; Frequency: 2593.000

Medium: HSL. Medium parameters used: $f = 2593.000$ MHz; $\sigma = 1.91$ S/m; $\epsilon_r = 40.2$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(7.84, 7.77, 7.69); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: 16.4.0.5005

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

SAR (1g) = 0.651 W/kg; SAR (10g) = 0.321 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;

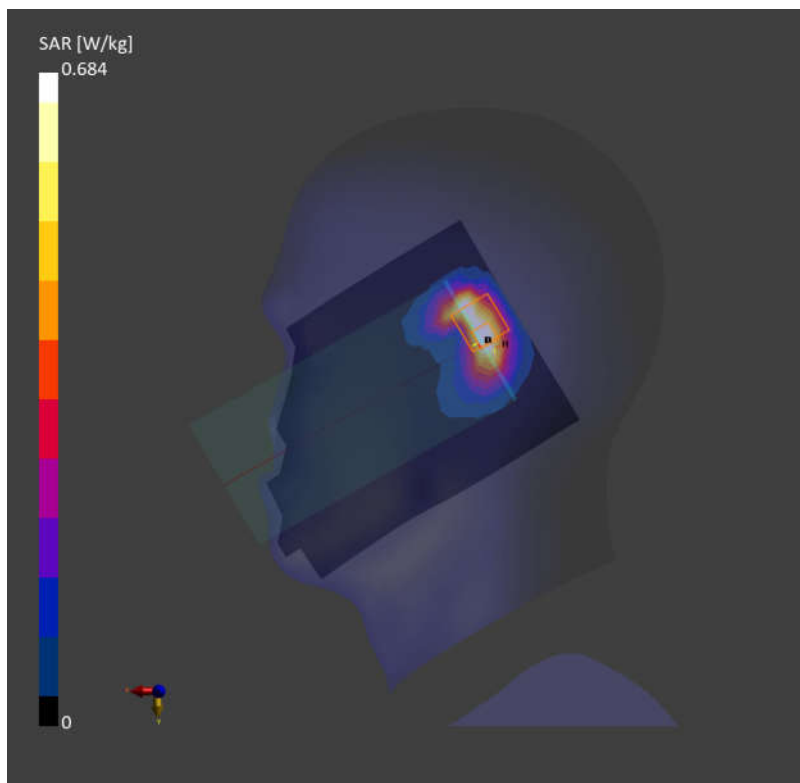
Graded Ratio: 1.5

Power Drift = 0.02 dB

SAR (1g) = 0.684 W/kg; SAR (10g) = 0.334 W/kg;

Smallest distance from peaks to all points 3dB below is 5.3 mm

Ratio of SAR at M2 to SAR at M1 = 81.7 %



16_FR1 n7_50M_QPSK_135RB_68Offset_Right Tilted_0mm_Ch507000

Communication System: Band n7; Frequency: 2535.000

Medium: HSL. Medium parameters used: $f = 2535.000$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 38.5$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(7.84, 7.77, 7.69); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: 16.4.0.5005

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

SAR (1g) = 0.655 W/kg; SAR (10g) = 0.311 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;

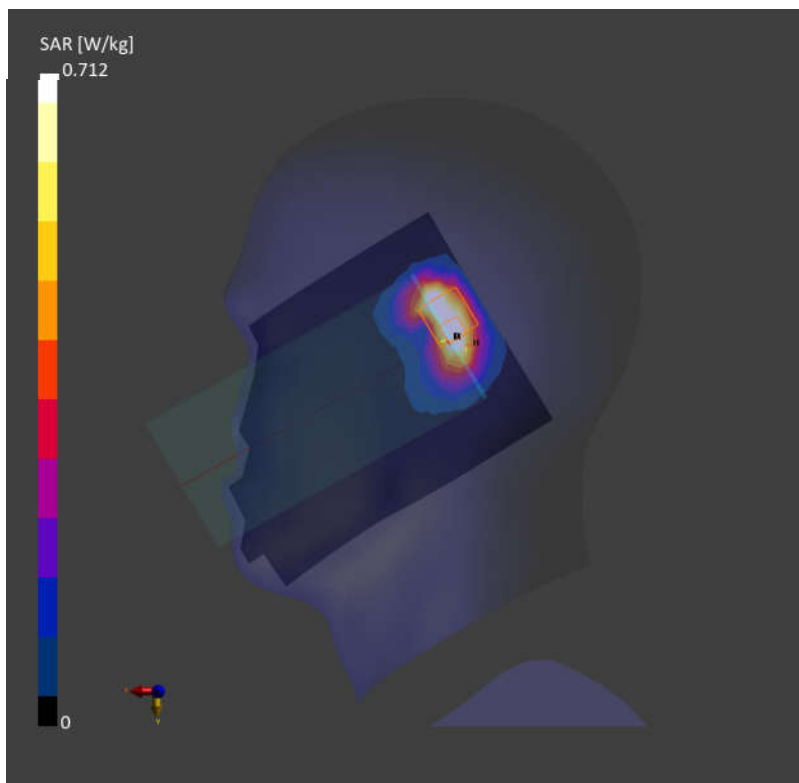
Graded Ratio: 1.5

Power Drift = 0.04 dB

SAR (1g) = 0.712 W/kg; SAR (10g) = 0.321 W/kg;

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

Ratio of SAR at M2 to SAR at M1 = 79.8 %



17_FR1 n41_100M_QPSK_1RB_1Offset_Right Tilted_0mm_Ch518598

Communication System: Band n41; Frequency: 2592.990

Medium: HSL. Medium parameters used: $f = 2592.990$ MHz; $\sigma = 1.92$ S/m; $\epsilon_r = 38.2$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(7.84, 7.77, 7.69); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: 16.4.0.5005

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

SAR (1g) = 0.667 W/kg; SAR (10g) = 0.330 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;

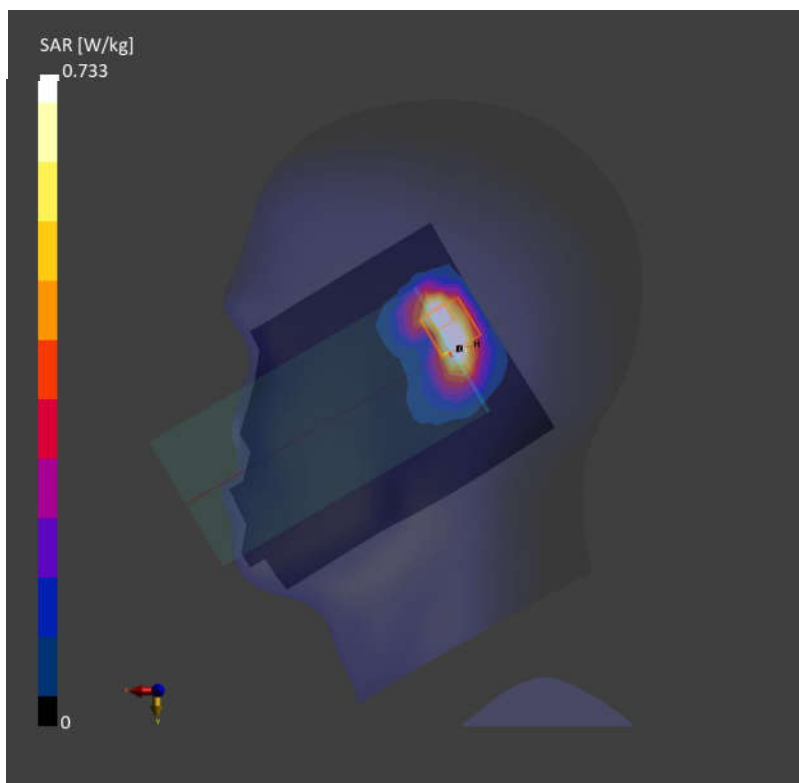
Graded Ratio: 1.5

Power Drift = -0.04 dB

SAR (1g) = 0.733 W/kg; SAR (10g) = 0.339 W/kg;

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

Ratio of SAR at M2 to SAR at M1 = 78.8 %



18_LTE Band 42_20M_QPSK_1RB_0Offset_Right Cheek_0mm_Ch42990

Communication System: Band 42; Frequency: 3540.000

Medium: HSL. Medium parameters used: $f = 3540.000$ MHz; $\sigma = 2.95$ S/m; $\epsilon_r = 38.1$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(7.33, 7.26, 7.22); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: 16.4.0.5005

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

SAR (1g) = 0.598 W/kg; SAR (10g) = 0.221 W/kg;

Zoom Scan (28.0 mm x 28.0 mm x 28.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm;

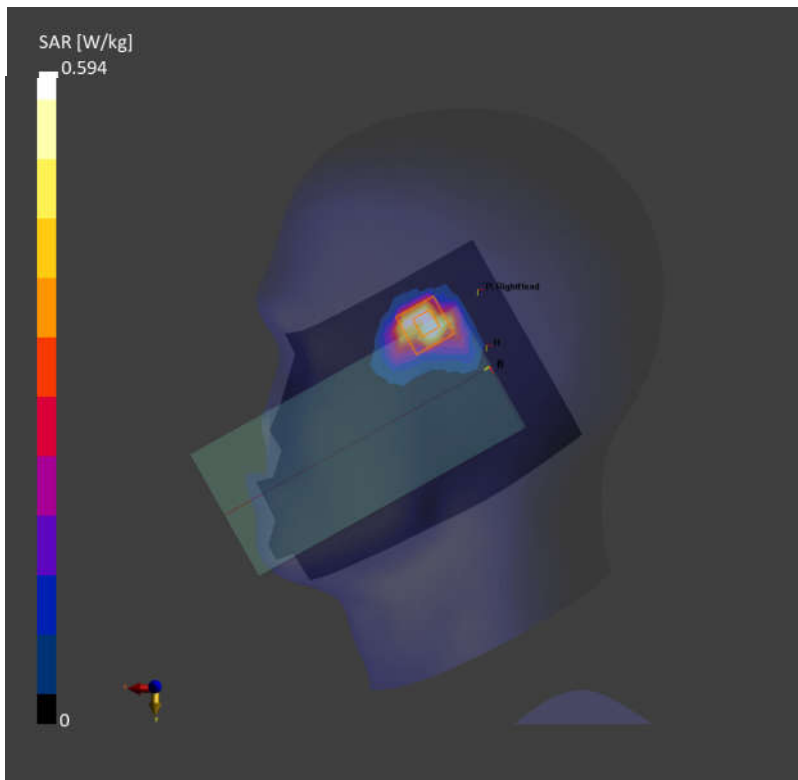
Graded Ratio: 1.4

Power Drift = 0.17 dB

SAR (1g) = 0.594 W/kg; SAR (10g) = 0.210 W/kg;

Smallest distance from peaks to all points 3dB below is 5.9 mm

Ratio of SAR at M2 to SAR at M1 = 70.1 %



19_FR1 n78_100M_QPSK_135RB_69Offset_Left Tilted_0mm_Ch633332

Communication System: Band n77; Frequency: 3499.980

Medium: HSL. Medium parameters used: $f = 3499.980$ MHz; $\sigma = 2.78$ S/m; $\epsilon_r = 38.9$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(7.33, 7.26, 7.22); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: 16.4.0.5005

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

SAR (1g) = 0.521 W/kg; SAR (10g) = 0.229 W/kg;

Zoom Scan (28.0 mm x 28.0 mm x 28.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm;

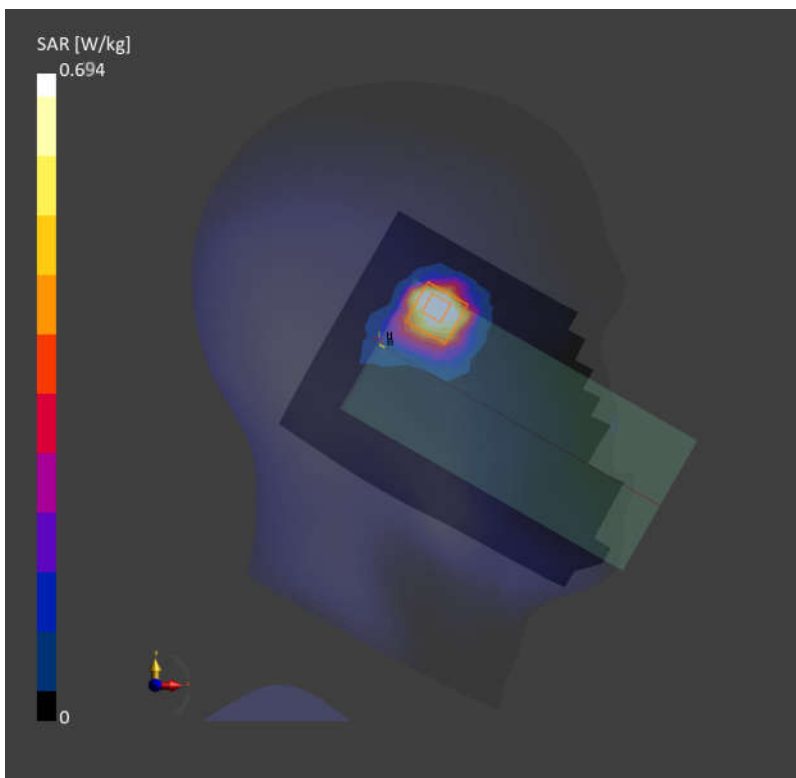
Graded Ratio: 1.4

Power Drift = -0.01 dB

SAR (1g) = 0.694 W/kg; SAR (10g) = 0.240 W/kg;

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

Ratio of SAR at M2 to SAR at M1 = 62.3 %



20_WLAN2.4GHz_802.11b 1Mbps_Left Cheek_0mm_Ch1

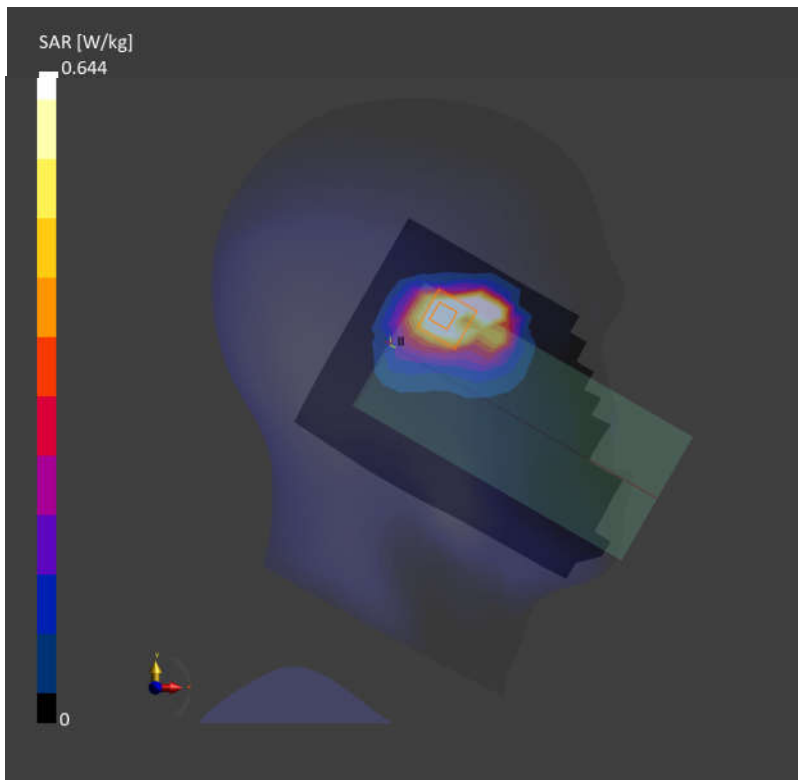
Communication System: WLAN 2.4GHz; Frequency: 2412.000 MHz; Duty Cycle: 1:1
Medium: HSL. Medium parameters used: $f = 2412.000$ MHz; $\sigma = 1.84$ S/m; $\epsilon_r = 38.2$
Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(7.91, 7.86, 7.76); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: 16.4.0.5005

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.701 W/kg; SAR (10g) = 0.342 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;
Graded Ratio: 1.5
Power Drift = -0.08 dB
SAR (1g) = 0.644 W/kg; SAR (10g) = 0.339 W/kg;
Smallest distance from peaks to all points 3dB below is 4.6 mm
Ratio of SAR at M2 to SAR at M1 = 73.8 %



21_Bluetooth_1Mbps_Left Cheek_0mm_Ch39

Communication System: ISM 2.4 GHz Band; Frequency: 2441.000 MHz; Duty Cycle: 1:1.302

Medium: HSL. Medium parameters used: $f = 2441.000$ MHz; $\sigma = 1.89$ S/m; $\epsilon_r = 38.2$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(7.91, 7.86, 7.76); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: 16.4.0.5005

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

SAR (1g) = 0.443 W/kg; SAR (10g) = 0.149 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;

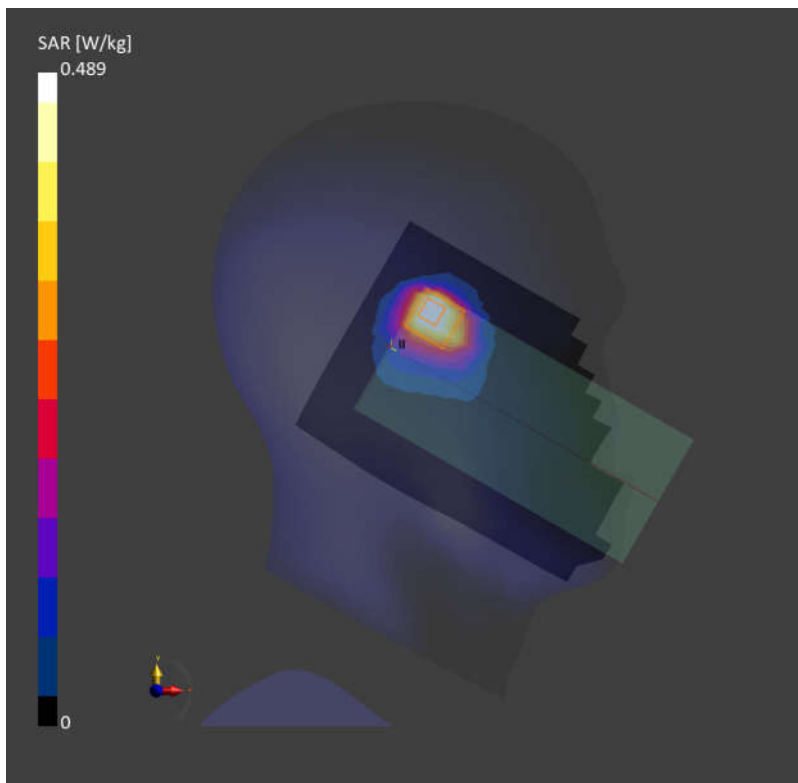
Graded Ratio: 1.5

Power Drift = -0.02 dB

SAR (1g) = 0.489 W/kg; SAR (10g) = 0.174 W/kg;

Smallest distance from peaks to all points 3dB below is 8.3 mm

Ratio of SAR at M2 to SAR at M1 = 85.1 %



22_WLAN5GHz_802.11n-HT40 MCS0_Left Cheek_0mm_Ch54

Communication System: WLAN 5GHz; Frequency: 5270.000 MHz; Duty Cycle: 1:1.067

Medium: HSL. Medium parameters used: $f = 5270.000$ MHz; $\sigma = 4.59$ S/m; $\epsilon_r = 35.4$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(5.99, 5.85, 5.81); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: 16.4.0.5005

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

SAR (1g) = 0.638 W/kg; SAR (10g) = 0.253 W/kg;

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

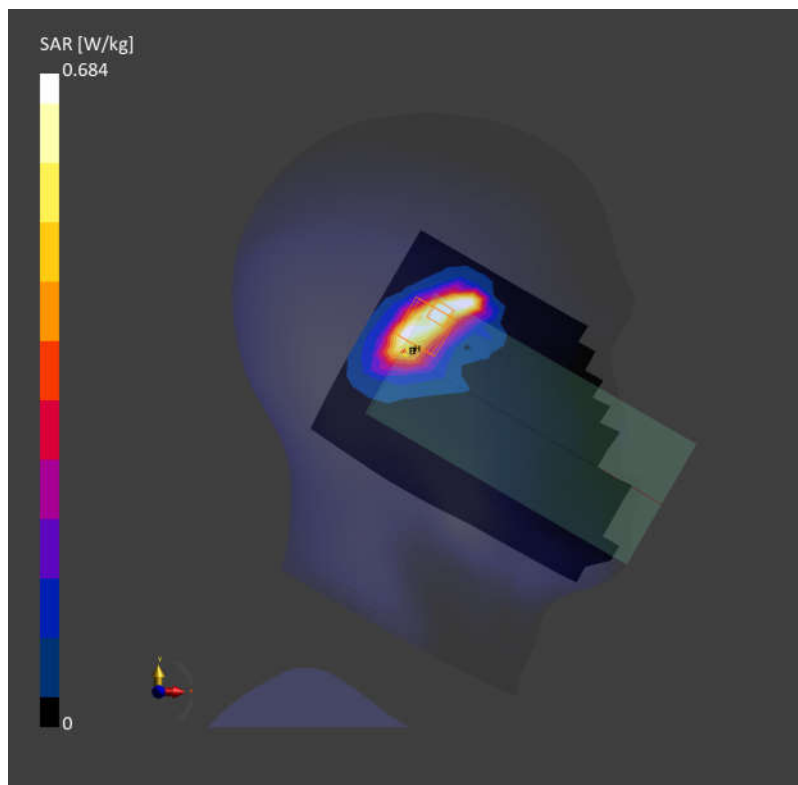
Graded Ratio: 1.4

Power Drift = -0.11 dB

SAR (1g) = 0.684 W/kg; SAR (10g) = 0.251 W/kg;

Smallest distance from peaks to all points 3dB below is 5.2 mm

Ratio of SAR at M2 to SAR at M1 = 64.3 %



23_WLAN5GHz_802.11ac-VHT80 MCS0_Left Cheek_0mm_Ch138

Communication System: WLAN 5GHz; Frequency: 5690.000 MHz; Duty Cycle: 1:1.145

Medium: HSL. Medium parameters used: $f = 5690.000$ MHz; $\sigma = 5.24$ S/m; $\epsilon_r = 34.3$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(5.3, 5.13, 5.06); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: 16.4.0.5005

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

SAR (1g) = 0.551 W/kg; SAR (10g) = 0.211 W/kg;

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

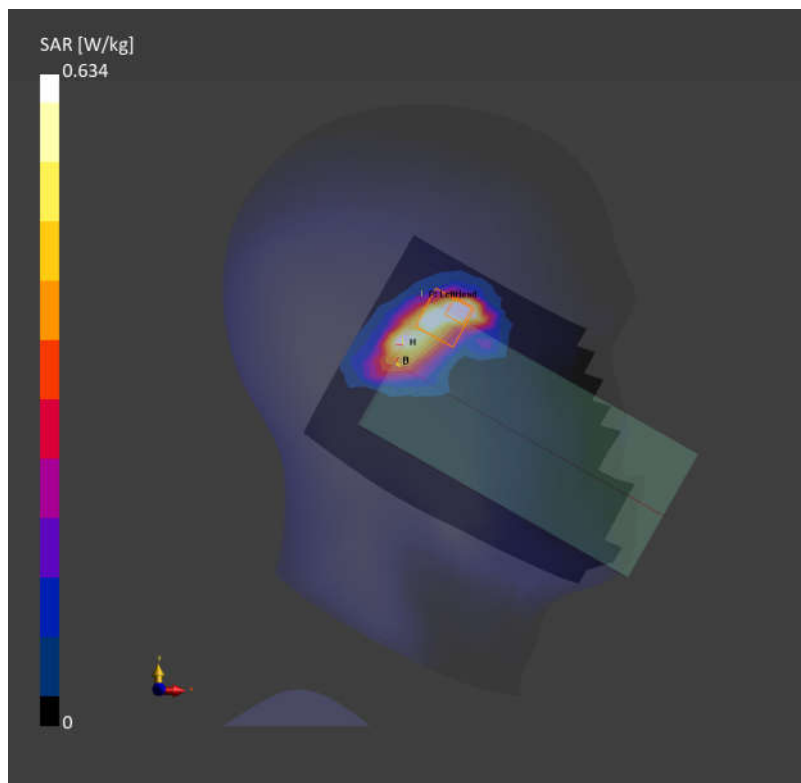
Graded Ratio: 1.4

Power Drift = -0.01 dB

SAR (1g) = 0.634 W/kg; SAR (10g) = 0.215 W/kg;

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

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



24_WLAN5GHz_802.11ac-VHT80 MCS0_Left Cheek_0mm_Ch155

Communication System: WLAN 5GHz; Frequency: 5775.000 MHz; Duty Cycle: 1:1.145

Medium: HSL. Medium parameters used: $f = 5775.000$ MHz; $\sigma = 5.17$ S/m; $\epsilon_r = 34.6$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(5.42, 5.2, 5.18); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: 16.4.0.5005

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

SAR (1g) = 0.563 W/kg; SAR (10g) = 0.201 W/kg;

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

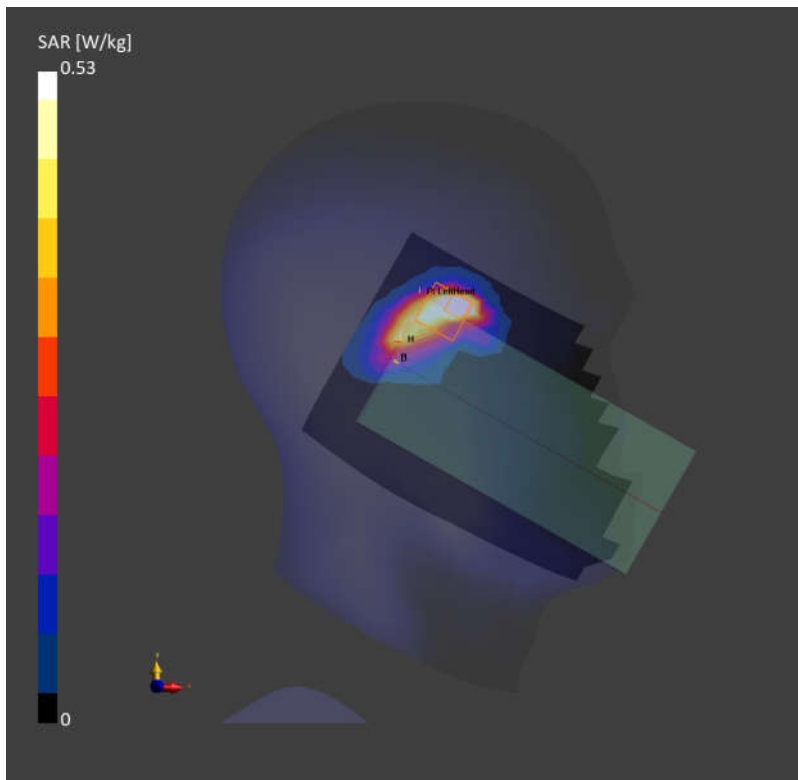
Graded Ratio: 1.4

Power Drift = -0.11 dB

SAR (1g) = 0.530 W/kg; SAR (10g) = 0.191 W/kg;

Smallest distance from peaks to all points 3dB below is 4.1 mm

Ratio of SAR at M2 to SAR at M1 = 61.1 %



25_WLAN6GHz_802.11ax-HE80 MCS0_Left Tilted_0mm_Ch167

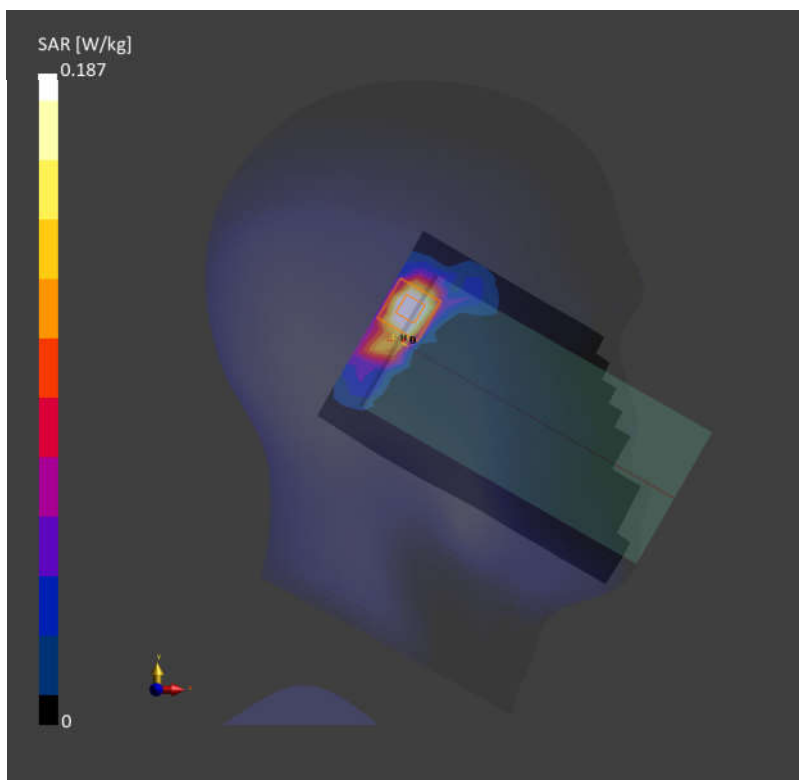
Communication System: IEEE 802.11ax (80MHz, MCS0, 90pc duty cycle);
Frequency: 6785.000MHz; Duty Cycle: 1:1.152
Medium: HSL Medium parameters used: $f = 6785.000$ MHz; $\sigma = 6.51$ S/m; $\epsilon_r = 34.1$
Ambient Temperature: 23.4°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7706; ConvF(5.27, 6.32, 5.24); Calibrated: 2024-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1303; Calibrated: 2023-11-20
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024; Section: LeftHead
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10719-AAC

Area Scan (102.0 mm x 187.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 0.161 W/kg; SAR (10g) = 0.089 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 = -0.05 dB
SAR (1g) = 0.187 W/kg; SAR (10g) = 0.076 W/kg
Smallest distance from peaks to all points 3 dB below = 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 55.9 %
psAPD (4.0cm², sq) = 1.23 [W/m²]



26_LTE Band 12_10M_QPSK_1RB_0Offset_Back_5mm_Ch23095

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

Medium: HSL_750 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 41.296$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.21, 8.75, 9.15); Calibrated: 2024/1/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.46 W/kg

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

Reference Value = 16.10 V/m; Power Drift = -0.04 dB

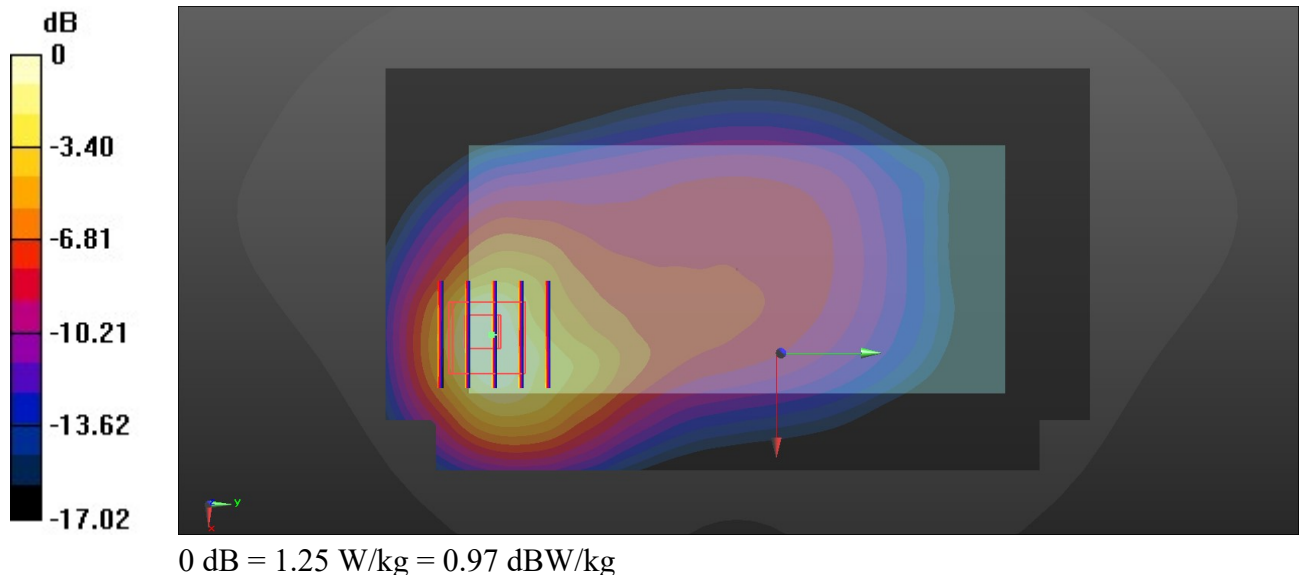
Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.783 W/kg; SAR(10 g) = 0.383 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 38%

Maximum value of SAR (measured) = 1.25 W/kg



27_LTE Band 13_10M_QPSK_1RB_0Offset_Back_5mm_Ch23230

Communication System: UID 0, LTE-FDD (0); Frequency: 782 MHz; Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: $f = 782$ MHz; $\sigma = 0.911$ S/m; $\epsilon_r = 41.09$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.21, 8.75, 9.15); Calibrated: 2024/1/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 1.61 W/kg

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

Reference Value = 16.83 V/m; Power Drift = 0.01 dB

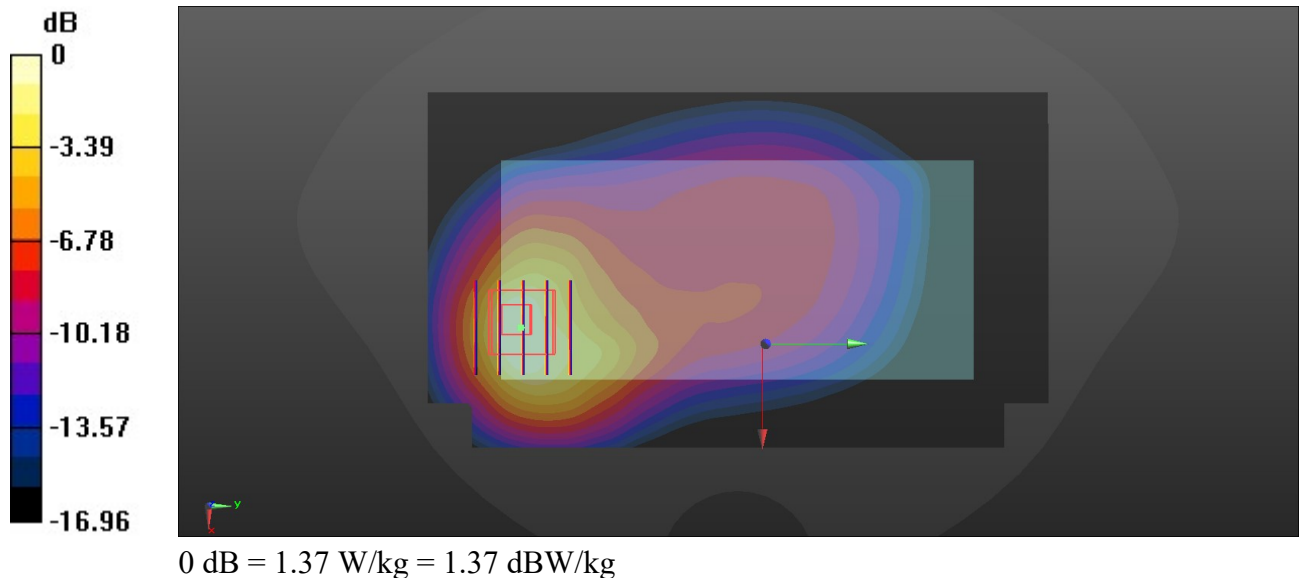
Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 0.858 W/kg; SAR(10 g) = 0.433 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 41.1%

Maximum value of SAR (measured) = 1.37 W/kg



28_GSM850_GPRS (4 Tx slots)_Back_5mm_Ch189

Communication System: UID 0, GSM850 (0); Frequency: 836.4 MHz; Duty Cycle: 1:2.08

Medium: HSL_835 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 41.226$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.29, 8.23, 9.75); Calibrated: 2024/1/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.42 W/kg

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

Reference Value = 17.39 V/m; Power Drift = -0.03 dB

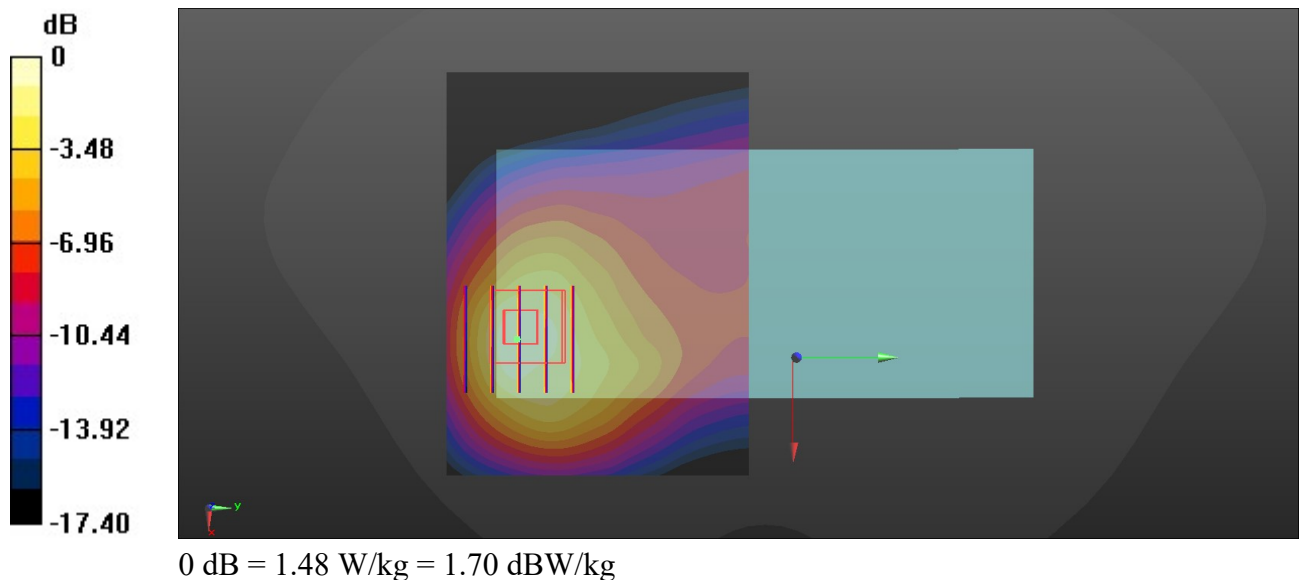
Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.462 W/kg

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

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

Maximum value of SAR (measured) = 1.48 W/kg



29_WCDMA V_RMC 12.2Kbps_Back_5mm_Ch4182

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

Medium: HSL_835 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 41.226$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.29, 8.23, 9.75); Calibrated: 2024/1/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.31 W/kg

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

Reference Value = 14.69 V/m; Power Drift = -0.05 dB

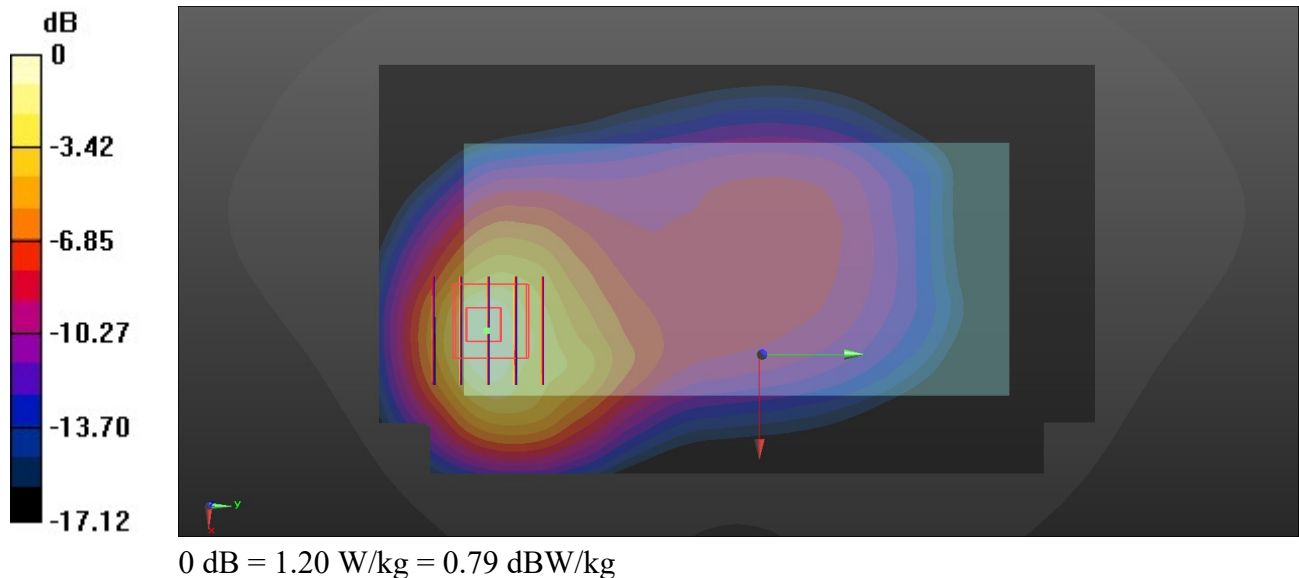
Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.853 W/kg; SAR(10 g) = 0.441 W/kg

Smallest distance from peaks to all points 3 dB below = 10.2 mm

Ratio of SAR at M2 to SAR at M1 = 43.4%

Maximum value of SAR (measured) = 1.20 W/kg



30_LTE Band 26_15M_QPSK_1RB_0Offset_Back_5mm_Ch26865

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

Medium: HSL_835 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.898$ S/m; $\epsilon_r = 41.284$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.29, 8.23, 9.75); Calibrated: 2024/1/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.47 W/kg

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

Reference Value = 14.86 V/m; Power Drift = -0.01 dB

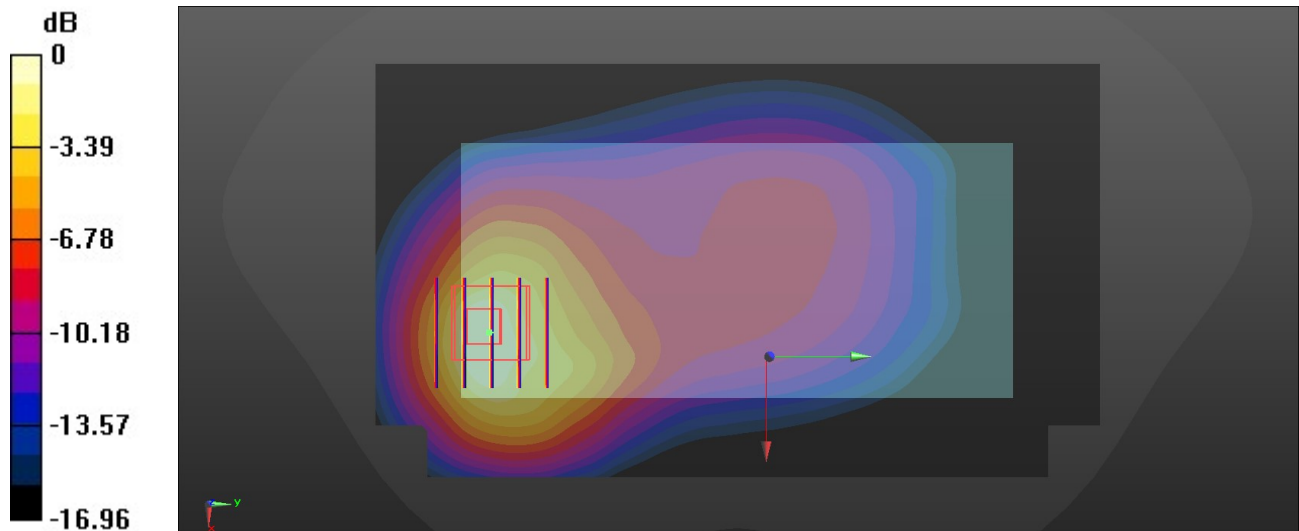
Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.784 W/kg; SAR(10 g) = 0.405 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 43.4%

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

31_FR1 n26_20M_QPSK_50RB_25Offset_Back_5mm_Ch166300

Communication System: UID 0, 5G NR (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL_835 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.898$ S/m; $\epsilon_r = 41.284$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.29, 8.23, 9.75); Calibrated: 2024/1/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.921 W/kg

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

Reference Value = 12.71 V/m; Power Drift = -0.07 dB

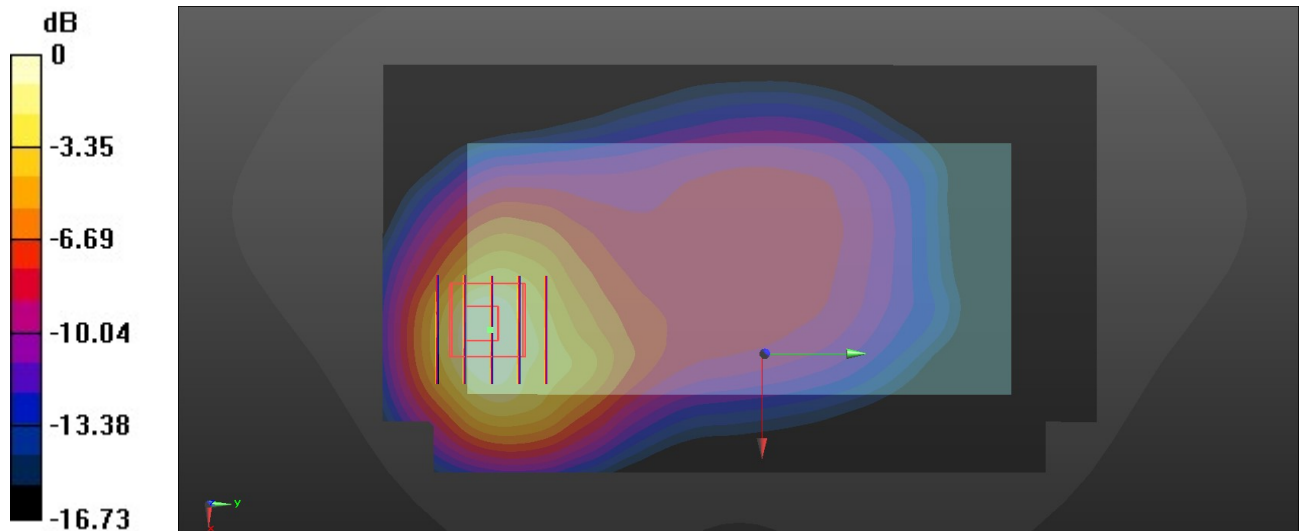
Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.273 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 45.1%

Maximum value of SAR (measured) = 0.787 W/kg



0 dB = 0.787 W/kg = -1.04 dBW/kg

32_WCDMA IV_RMC 12.2Kbps_Bottom Side_5mm_Ch1413

Communication System: UMTS-FDD (WCDMA); Frequency: 1732.600 MHz

Medium: Head Simulating Liquid Medium parameters used: $f = 1732.600$ MHz; $\sigma = 1.40$ S/m; $\epsilon_r = 40.8$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(8.64, 8.47, 8.41); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005

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

SAR (1g) = 0.966 W/kg; SAR (10g) = 0.488 W/kg;

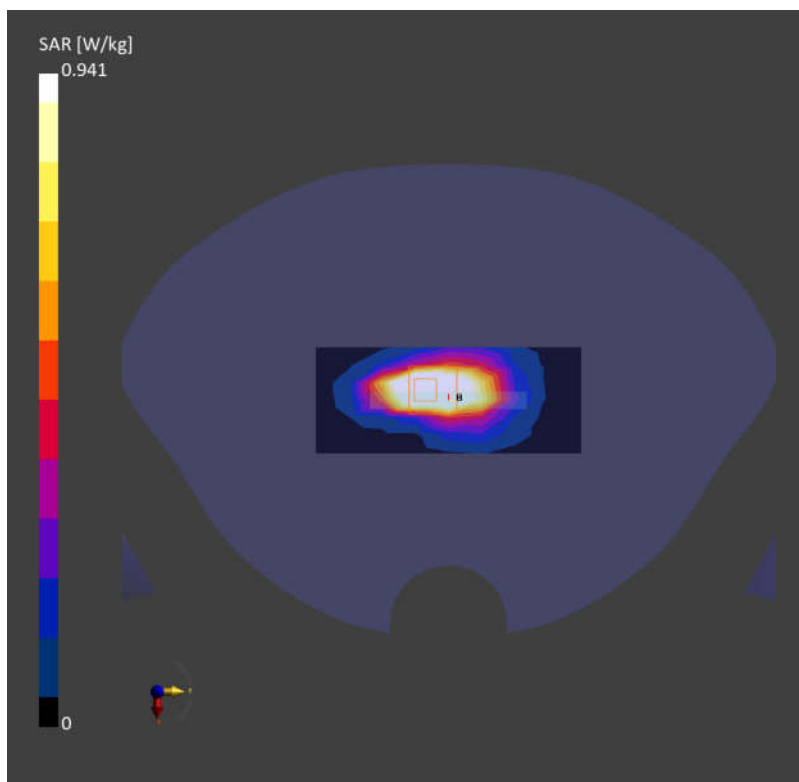
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.04 dB

SAR (1g) = 0.941 W/kg; SAR (10g) = 0.486 W/kg

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 81.4 %



33_LTE Band 66_20M_QPSK_1RB_0Offset_Bottom Side_5mm_Ch132572

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

AntennaCfg:SISO; Frequency: 1770.000 MHz

Medium: Head Simulating Liquid Medium parameters used: $f = 1770.000$ MHz; $\sigma = 1.41$ S/m; $\epsilon_r = 40.7$

Ambient Temperature: 23.8°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(8.64, 8.47, 8.41); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005

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

SAR (1g) = 1.01 W/kg; SAR (10g) = 0.528 W/kg;

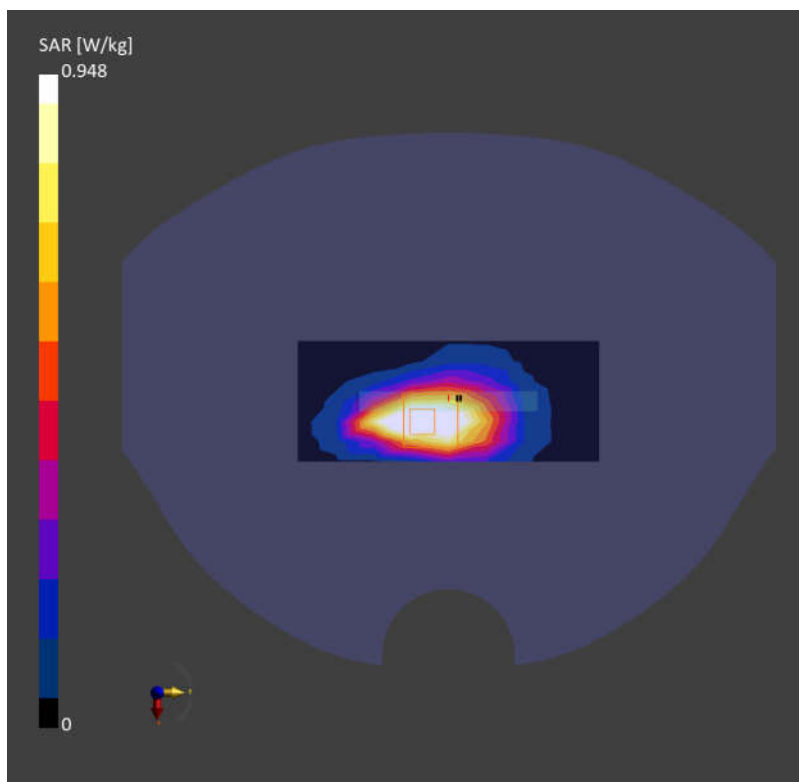
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.06 dB

SAR (1g) = 0.948 W/kg; SAR (10g) = 0.541 W/kg

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

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



34_FR1 n66_45M_QPSK_120RB_60Offset_Bottom Side_5mm_Ch349000

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

RBPosition:Mid AntennaCfg:SISO; Frequency: 1745.000 MHz

Medium: Head Simulating Liquid Medium parameters used: $f=1745.000$ MHz; $\sigma=1.41$ S/m; $\epsilon_r=40.7$

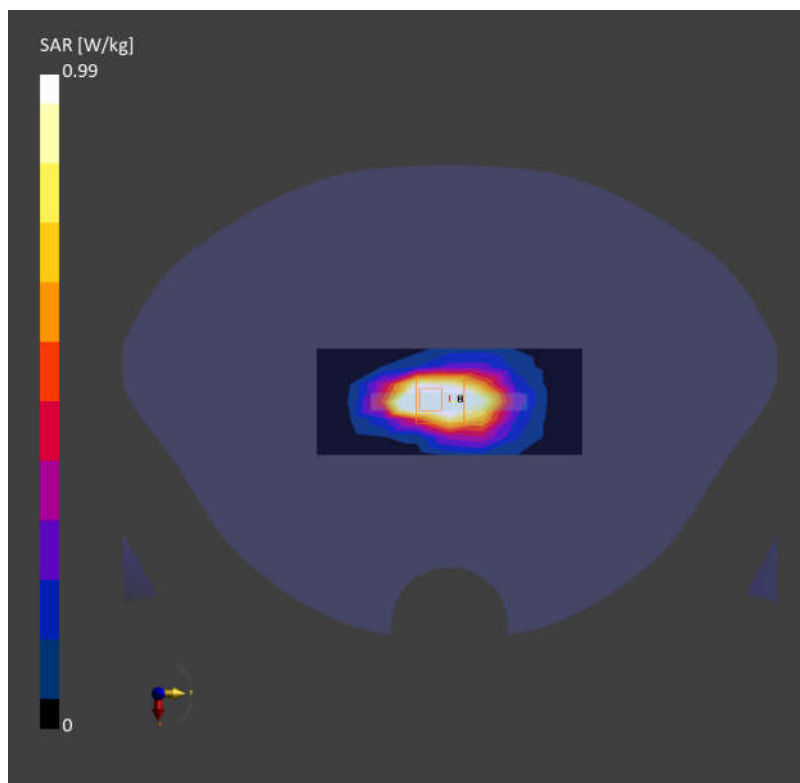
Ambient Temperature: 23.3°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(8.64, 8.47, 8.41); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005

Area Scan (48.0 mm x 120.0 mm): Measurement Grid: 8.0 mm x 15.0 mm
SAR (1g) = 1.14 W/kg; SAR (10g) = 0.586 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) = 0.99 W/kg; SAR (10g) = 0.586 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 82.1 %



35_GSM1900_GPRS (4 Tx slots)_Bottom Side_5mm_Ch512

Communication System: PCS 1900; Frequency: 1850.200

Medium: HSL. Medium parameters used: $f = 1850.200$ MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 40.5$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(8.29, 8.18, 8.09); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: 16.4.0.5005

Area Scan (48.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 15.0 mm

SAR (1g) = 0.805 W/kg; SAR (10g) = 0.415 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;

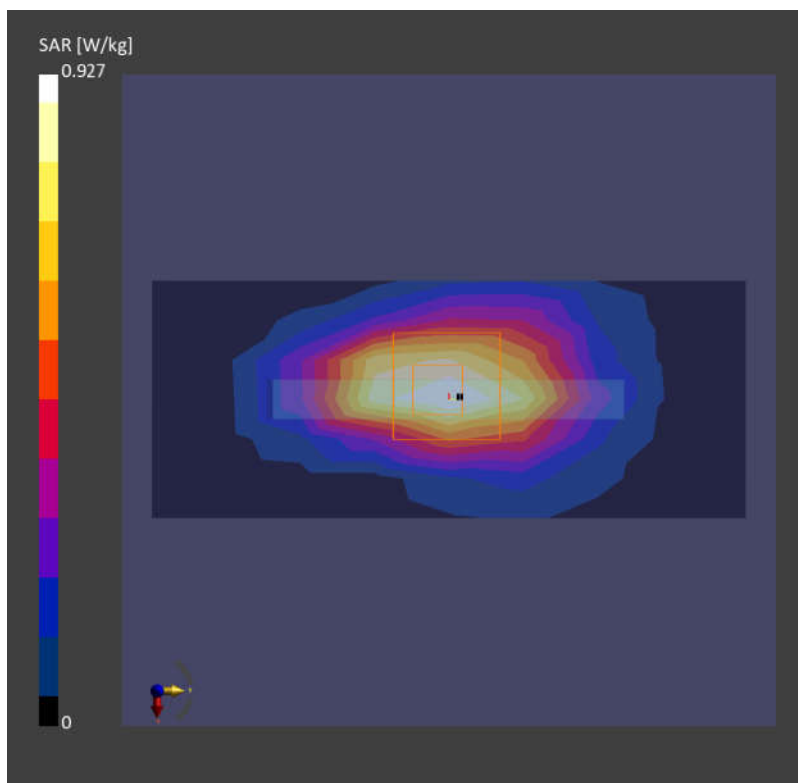
Graded Ratio: 1.5

Power Drift = -0.02 dB

SAR (1g) = 0.927 W/kg; SAR (10g) = 0.441 W/kg;

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

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



36_WCDMA II_RMC 12.2Kbps_Bottom Side_5mm_Ch9400

Communication System: UMTS-FDD (WCDMA); Frequency: 1880.000 MHz

Medium: Head Simulating Liquid Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.48$ S/m; $\epsilon_r = 40.5$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(8.29, 8.18, 8.09); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005

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

SAR (1g) = 0.88 W/kg; SAR (10g) = 0.468 W/kg;

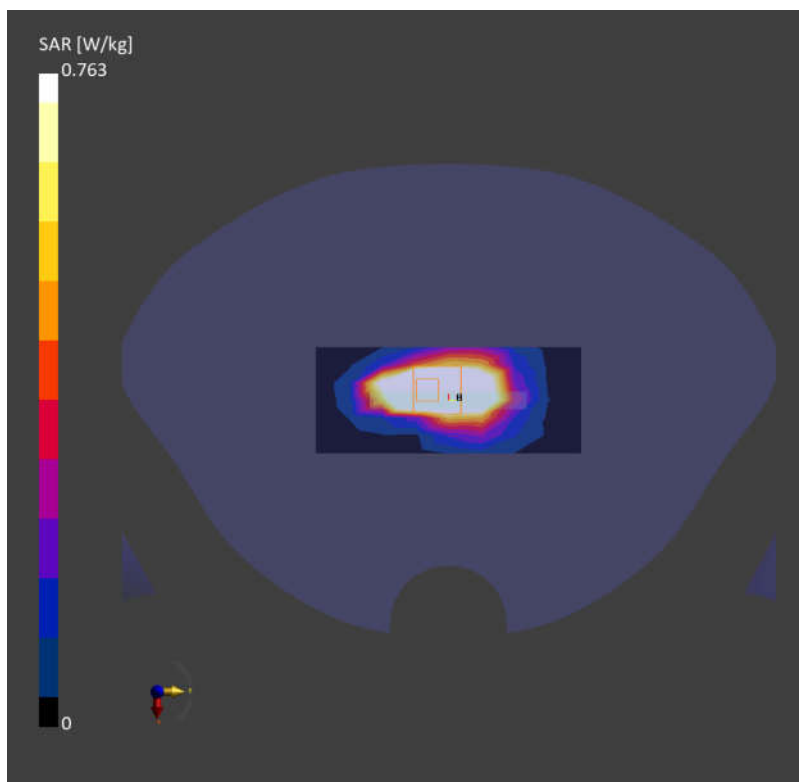
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.07 dB

SAR (1g) = 0.763 W/kg; SAR (10g) = 0.461 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 80.2 %



37_LTE Band 25_20M_QPSK_1RB_0Offset_Bottom Side_5mm_Ch26340

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

AntennaCfg:SISO; Frequency: 1880.000 MHz

Medium: Head Simulating Liquid Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.38$ S/m; $\epsilon_r = 39.1$

Ambient Temperature: 23.8°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(8.29, 8.18, 8.09); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005

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

SAR (1g) = 0.897 W/kg; SAR (10g) = 0.468 W/kg;

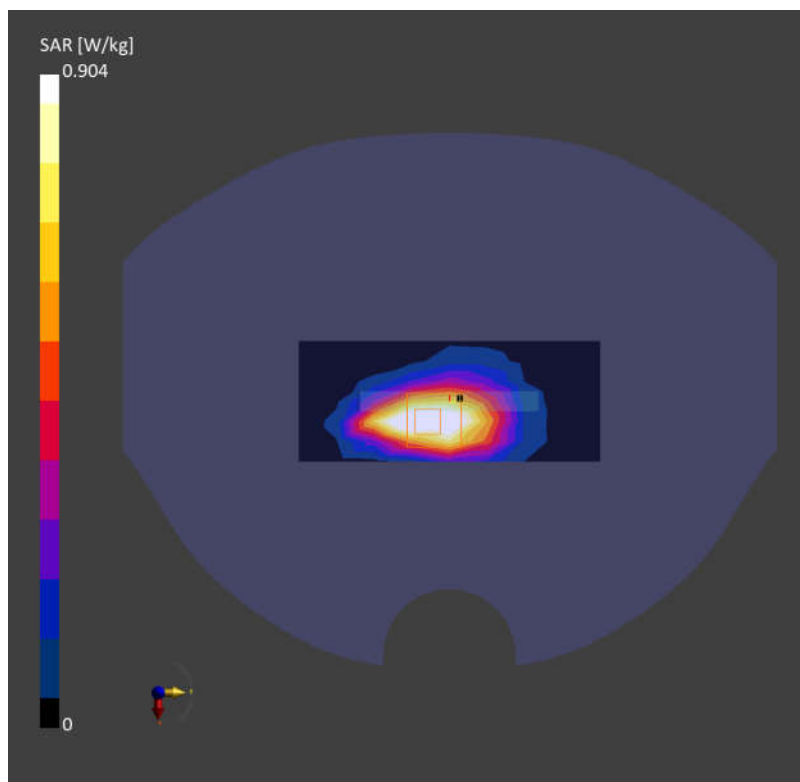
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.03 dB

SAR (1g) = 0.904 W/kg; SAR (10g) = 0.487 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 84.7 %



38_FR1 n2_40M_QPSK_108RB_54Offset_Bottom Side_5mm_Ch376000

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

RBPosition:Mid AntennaCfg:SISO; Frequency: 1880.000 MHz

Medium: Head Simulating Liquid Medium parameters used: $f=1880.000$ MHz; $\sigma=1.38$ S/m; $\epsilon_r=39.1$

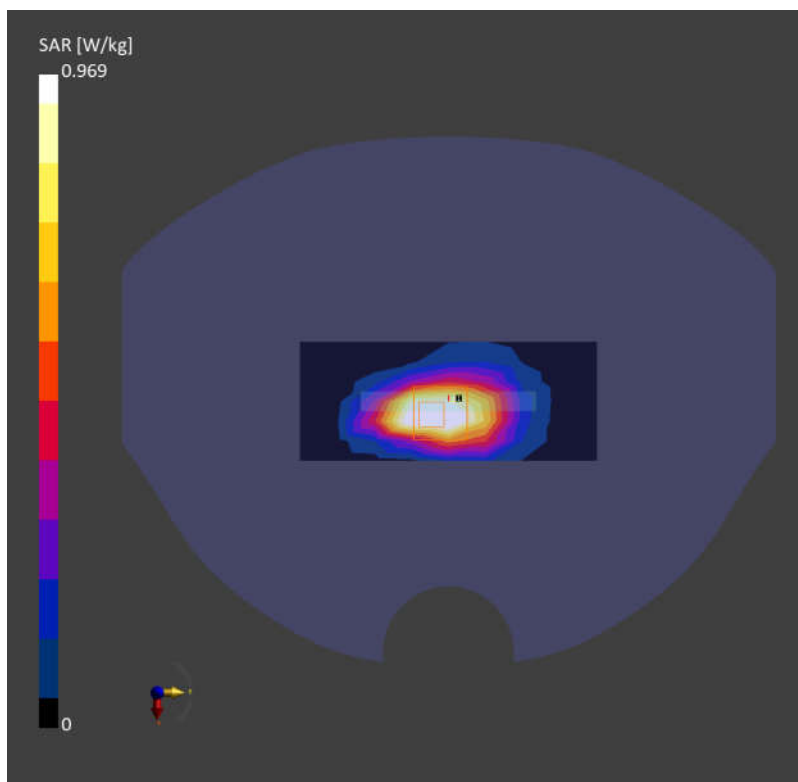
Ambient Temperature: 23.3°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(8.29, 8.18, 8.09); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005

Area Scan (48.0 mm x 120.0 mm): Measurement Grid: 8.0 mm x 15.0 mm
SAR (1g) = 0.925 W/kg; SAR (10g) = 0.496 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) = 0.969 W/kg; SAR (10g) = 0.517 W/kg
Smallest distance from peaks to all points 3 dB below = 8.4 mm
Ratio of SAR at M2 to SAR at M1 = 81.5 %



39_LTE Band 7_20M_QPSK_1RB_0Offset_Bottom Side_5mm_Ch21350

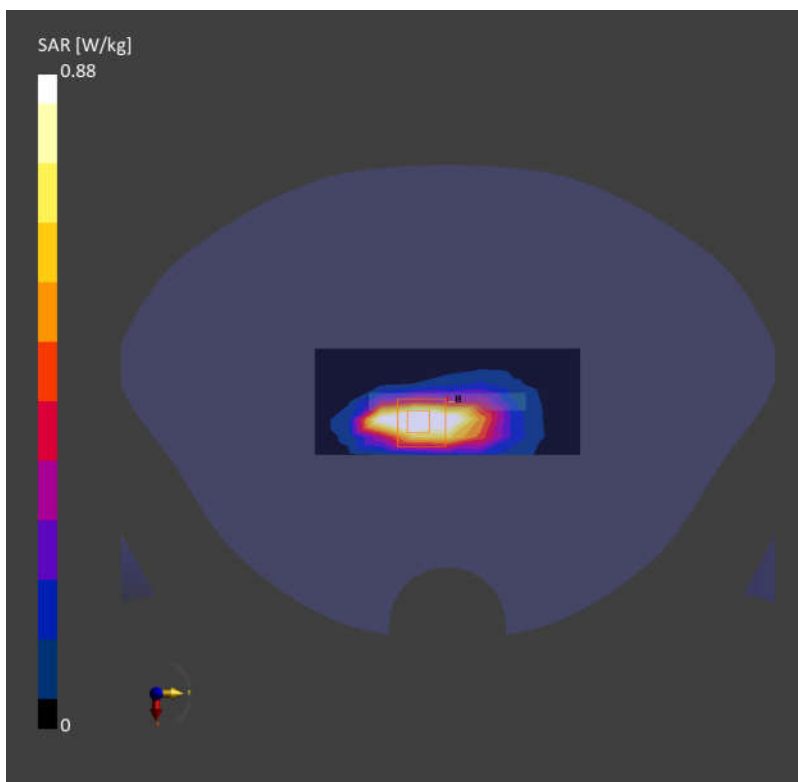
Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid
AntennaCfg:SISO; Frequency: 2560.000 MHz
Medium: Head Simulating Liquid Medium parameters used: $f=2560.000$ MHz; $\sigma=1.88$ S/m; $\epsilon_r=38.4$
Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(7.84, 7.77, 7.69); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005

Area Scan (48.0 mm x 120.0 mm): Measurement Grid: 8.0 mm x 15.0 mm
SAR (1g) = 0.860 W/kg; SAR (10g) = 0.384 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) = 0.880 W/kg; SAR (10g) = 0.390 W/kg
Smallest distance from peaks to all points 3 dB below = 7.0 mm
Ratio of SAR at M2 to SAR at M1 = 81.1 %



40_LTE Band 41_20M_QPSK_1RB_0Offset_Bottom Side_5mm_Ch40620

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

AntennaCfg:SISO; Frequency: 2593.000 MHz

Medium: Head Simulating Liquid Medium parameters used: $f = 2593.000$ MHz; $\sigma = 1.92$ S/m; $\epsilon_r = 38.2$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(7.84, 7.77, 7.69); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005

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

SAR (1g) = 1.13 W/kg; SAR (10g) = 0.489 W/kg;

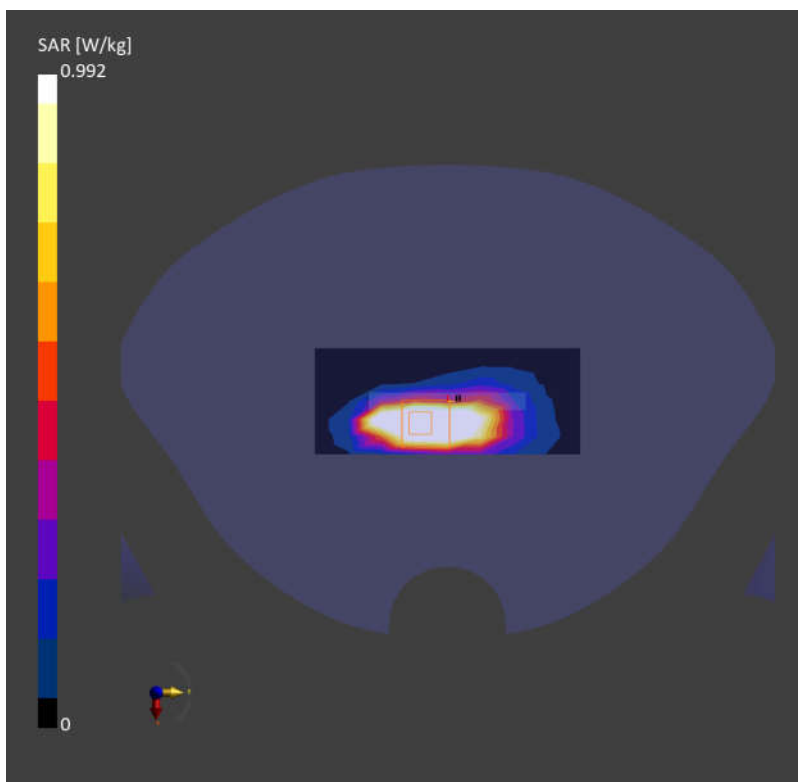
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.08 dB

SAR (1g) = 0.992 W/kg; SAR (10g) = 0.481 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 79.8 %



41_FR1 n7_50M_QPSK_135RB_68Offset_Bottom Side_5mm_Ch507000

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) RBPosition:Mid
AntennaCfg:SISO; Frequency: 2535.000 MHz

Medium: Head Simulating Liquid Medium parameters used: $f = 2535.000$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 38.5$

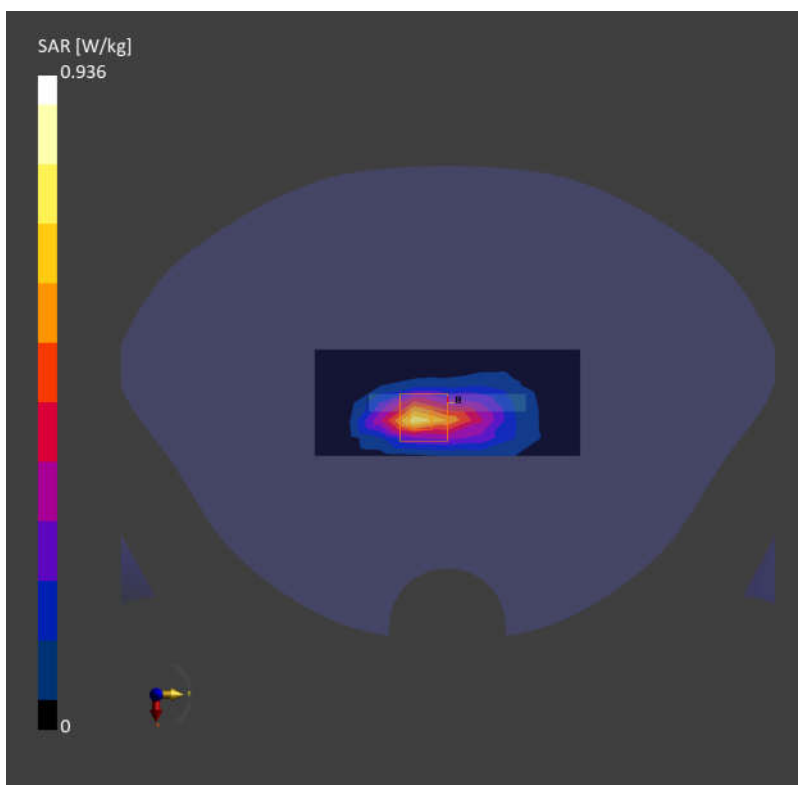
Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(7.84, 7.77, 7.69); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005

Area Scan (48.0 mm x 120.0 mm): Measurement Grid: 8.0 mm x 15.0 mm
SAR (1g) = 0.981 W/kg; SAR (10g) = 0.460 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) = 0.936 W/kg; SAR (10g) = 0.476 W/kg
Smallest distance from peaks to all points 3 dB below = 6.0 mm
Ratio of SAR at M2 to SAR at M1 = 78.8 %



42_FR1 n41_100M_QPSK_1RB_1Offset_Bottom Side_5mm_Ch518598

Communication System: 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid
AntennaCfg:SISO; Frequency: 2592.990 MHz

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

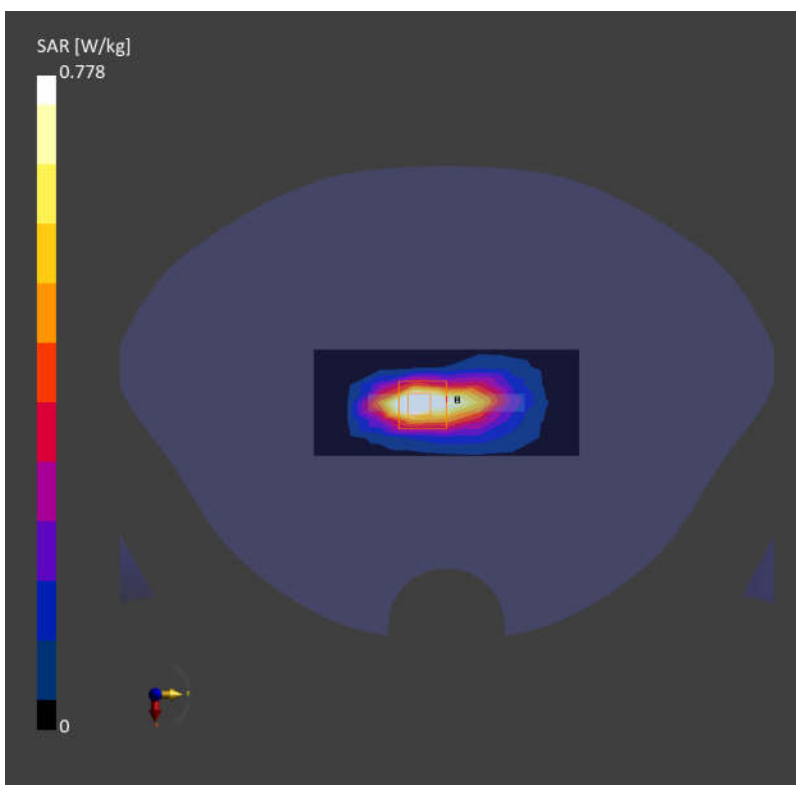
Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(7.84, 7.77, 7.69); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005

Area Scan (48.0 mm x 120.0 mm): Measurement Grid: 8.0 mm x 15.0 mm
SAR (1g) = 0.753 W/kg; SAR (10g) = 0.327 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) = 0.778 W/kg; SAR (10g) = 0.339 W/kg
Smallest distance from peaks to all points 3 dB below = 7.0 mm
Ratio of SAR at M2 to SAR at M1 = 80.6 %



43_LTE Band 42_20M_QPSK_1RB_0Offset_Left Side_5mm_Ch42590

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

AntennaCfg:SISO; Frequency: 3500.000 MHz

Medium: Head Simulating Liquid Medium parameters used: $f = 3500.000$ MHz; $\sigma = 2.82$ S/m; $\epsilon_r = 38.9$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7729; ConvF(7.33, 7.26, 7.22); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022; Section: Flat
- Measurement Software: 16.4.0.5005

Area Scan (48.0 mm x 200.0 mm): Measurement Grid: 8.0 mm x 10.0 mm
SAR (1g) = 0.520 W/kg; SAR (10g) = 0.189 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm
Power Drift = 0.06 dB
SAR (1g) = 0.485 W/kg; SAR (10g) = 0.206 W/kg
Smallest distance from peaks to all points 3 dB below = 5.8 mm
Ratio of SAR at M2 to SAR at M1 = 76.7 %

