

Appendix B

Detailed Test Results

GSM850 for Head, Body-worn & Hotspot
GSM1900 for Head, Body-worn & Hotspot
WCDMA Band II for Head, Body-worn, Hotspot & Product specific 10g SAR
WCDMA Band IV for Head, Body-worn & Hotspot
WCDMA Band V for Head, Body-worn & Hotspot
LTE Band 2 for Head, Body-worn, Hotspot & Product specific 10g SAR
LTE Band 7 for Head, Body-worn, Hotspot & Product specific 10g SAR
LTE Band 12 for Head, Body-worn & Hotspot
LTE Band 13 for Head, Body-worn & Hotspot
LTE Band 26 for Head, Body-worn & Hotspot
LTE Band 41 for Head, Body-worn, Hotspot & Product specific 10g SAR
LTE Band 66 for Head, Body-worn, Hotspot & Product specific 10g SAR
n2 for Head, Body-worn, Hotspot, Product specific 10g SAR
n7 for Head, Body-worn, Hotspot, Product specific 10g SAR
n26 for Head, Body-worn & Hotspot
n41 for Head, Body-worn, Hotspot & Product specific 10g SAR
n66 for Head, Body-worn, Hotspot & Product specific 10g SAR
n77 for Head, Body-worn, Hotspot & Product specific 10g SAR
n78 for Head, Body-worn, Hotspot & Product specific 10g SAR
WIFI 2.4G for Head, Body-worn & Hotspot
WIFI 5G for Head, Body-worn, Hotspot & Product specific 10g SAR
BT for Head, Body-worn & Hotspot

V2446 GSM850 GPRS 1TS 190CH Right tilted Ant13**V2446**

Communication System: GSM 850; Frequency: 836.600

Medium: Head Simulating Liquid. Medium parameters used: $f = 836.600$ MHz; $\sigma = 0.883$ S/m; $\epsilon_r = 42.9$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(8.89, 8.49, 8.74); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.476 W/kg; SAR (10g) = 0.287 W/kg;

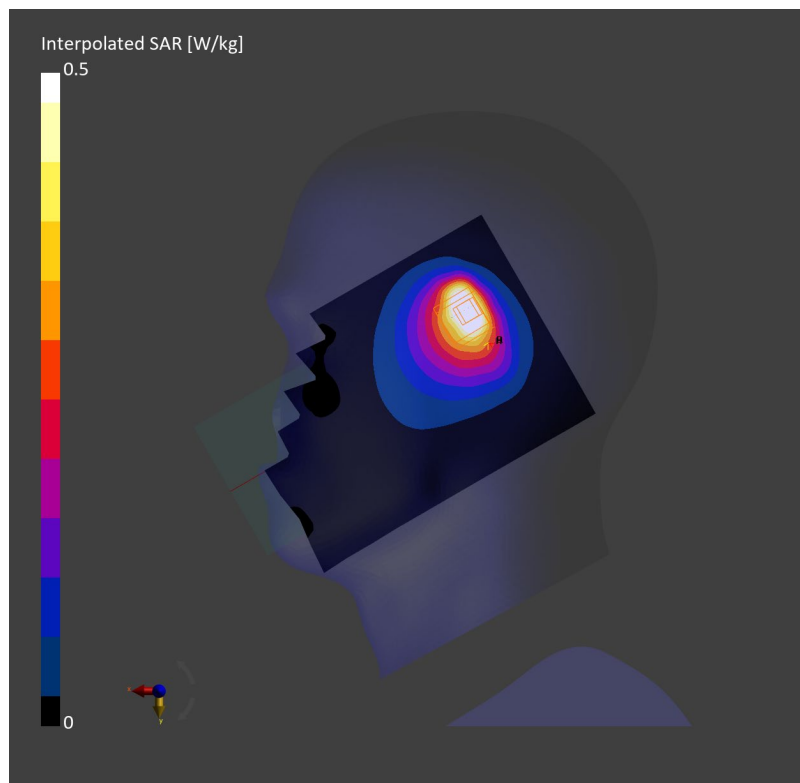
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.02 dB

SAR (1g) = 0.432 W/kg; SAR (10g) = 0.243 W/kg;

M2/M1 [%]=42.4

Dist 3dB Peak [mm]=9.4



V2446 GSM850 GPRS 2TS 190CH Back side 15mm Ant31**V2446**

Communication System: GSM 850; Frequency: 836.600

Medium: Head Simulating Liquid. Medium parameters used: $f = 836.600$ MHz; $\sigma = 0.883$ S/m; $\epsilon_r = 42.9$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(8.89, 8.49, 8.74); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.224 W/kg; SAR (10g) = 0.158 W/kg;

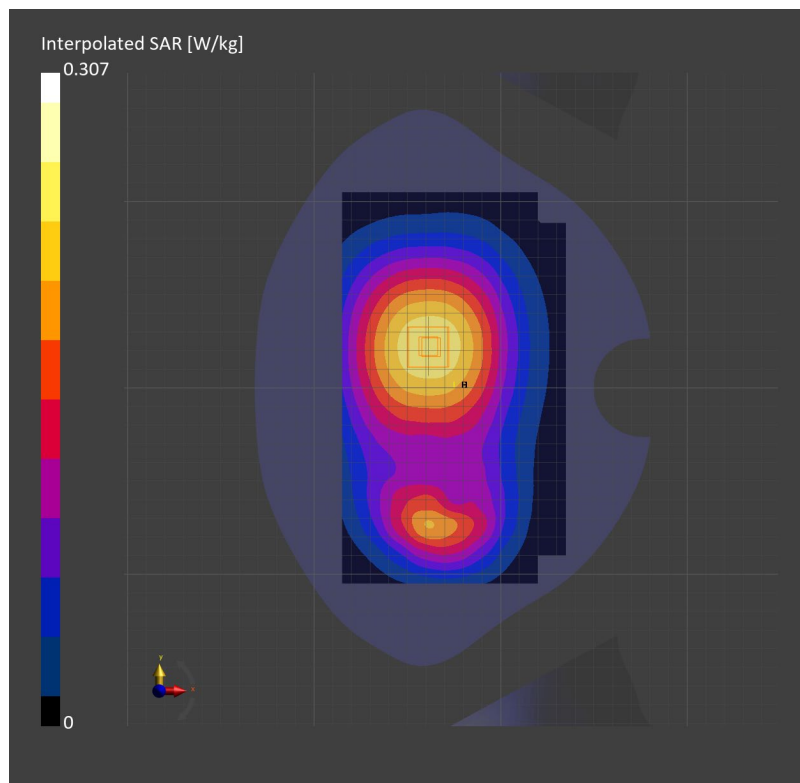
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.03 dB

SAR (1g) = 0.236 W/kg; SAR (10g) = 0.179 W/kg;

M2/M1 [%]=76.4

Dist 3dB Peak [mm]=> 16.0



V2446 GSM850 GPRS 2TS 190CH Bottom side 10mm Ant31**V2446**

Communication System: GSM 850; Frequency: 836.600

Medium: Head Simulating Liquid. Medium parameters used: $f = 836.600$ MHz; $\sigma = 0.883$ S/m; $\epsilon_r = 42.9$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(8.89, 8.49, 8.74); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (60.0 mm x 120.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.305 W/kg; SAR (10g) = 0.196 W/kg;

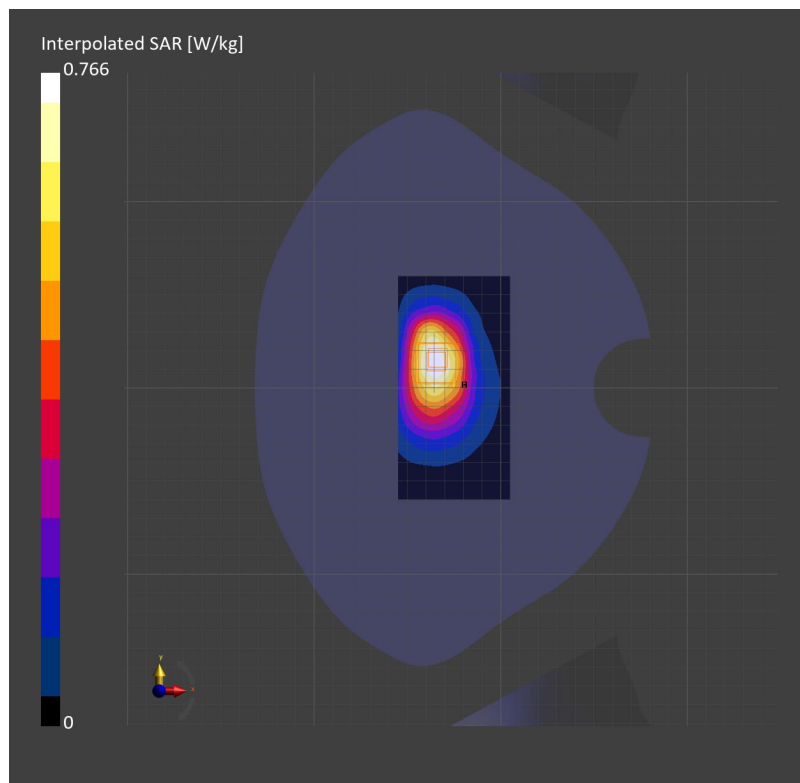
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.00 dB

SAR (1g) = 0.372 W/kg; SAR (10g) = 0.194 W/kg;

M2/M1 [%]=43.8

Dist 3dB Peak [mm]=8.0



V2446 GSM1900 GPRS 2TS 661CH Right tilted Ant13**V2446**

Communication System: PCS 1900; Frequency: 1880.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.41$ S/m; $\epsilon_r = 39.8$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.77, 7.41, 7.63); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.589 W/kg; SAR (10g) = 0.327 W/kg;

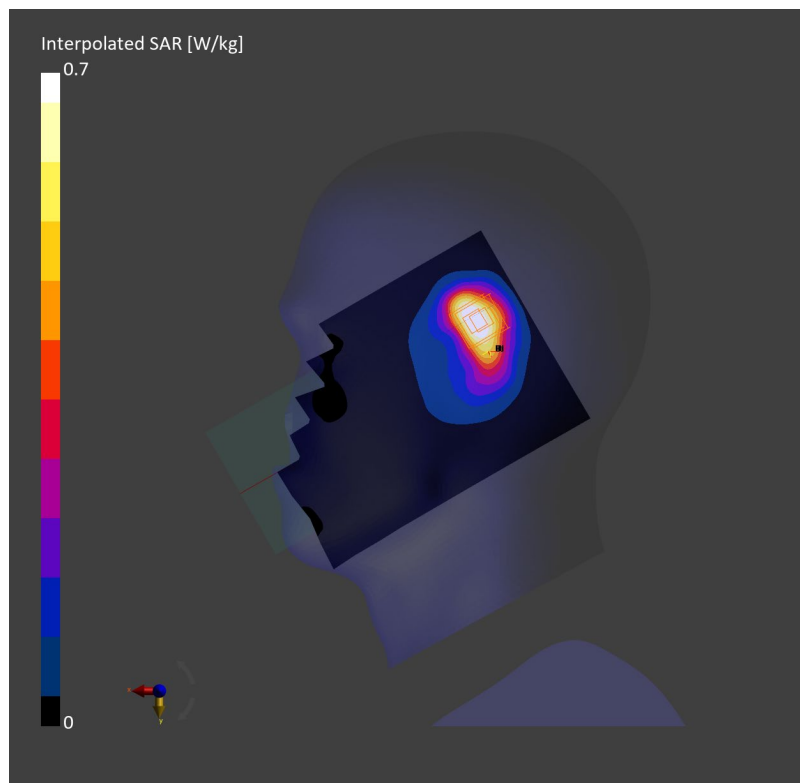
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.03 dB

SAR (1g) = 0.729 W/kg; SAR (10g) = 0.347 W/kg;

M2/M1 [%]=47.4

Dist 3dB Peak [mm]=7.3



V2446 GSM1900 GPRS 2TS 661CH Back side 15mm Ant13**V2446**

Communication System: PCS 1900; Frequency: 1880.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.41$ S/m; $\epsilon_r = 39.8$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.77, 7.41, 7.63); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.355 W/kg; SAR (10g) = 0.210 W/kg;

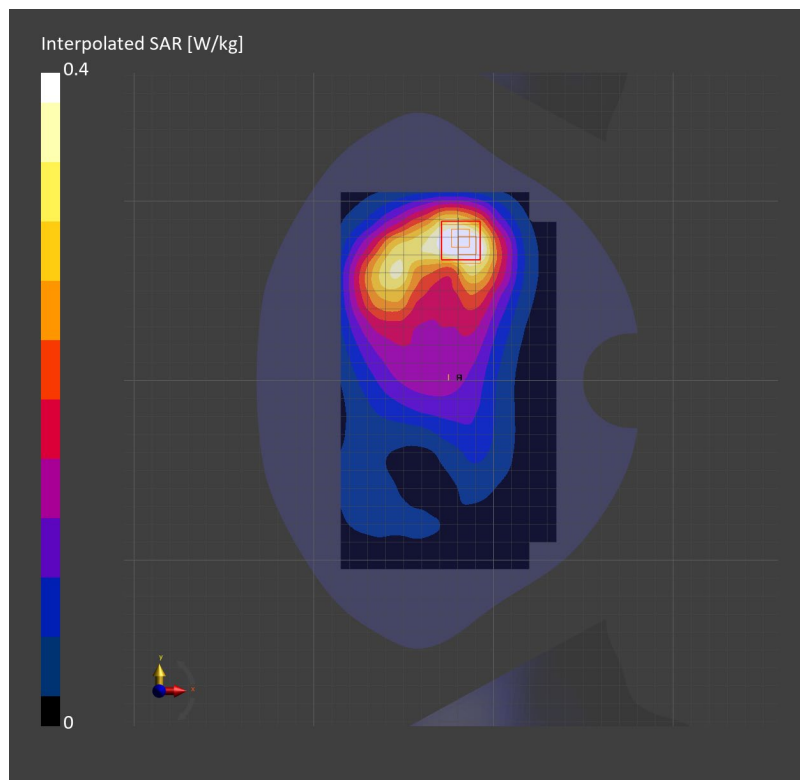
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.06 dB

SAR (1g) = 0.385 W/kg; SAR (10g) = 0.220 W/kg;

M2/M1 [%]=59.6

Dist 3dB Peak [mm]=14.8



V2446 GSM1900 GPRS 2TS 661CH Back side 10mm Ant31**V2446**

Communication System: PCS 1900; Frequency: 1880.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.41$ S/m; $\epsilon_r = 39.8$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.77, 7.41, 7.63); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.333 W/kg; SAR (10g) = 0.198 W/kg;

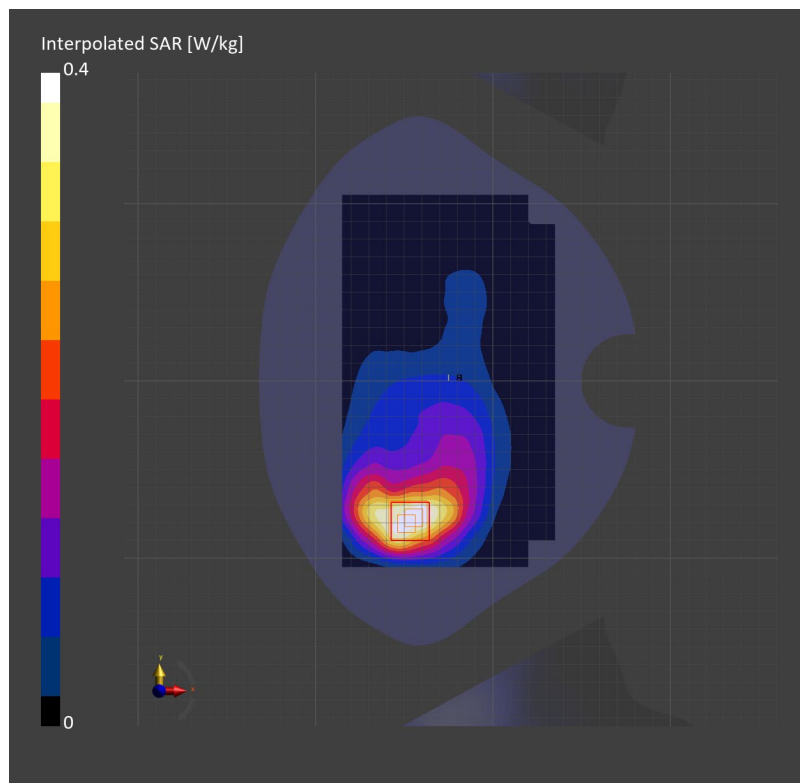
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.17 dB

SAR (1g) = 0.386 W/kg; SAR (10g) = 0.215 W/kg;

M2/M1 [%]=58.8

Dist 3dB Peak [mm]=11.6



V2446 WCDMA Band II RMC 9400CH Right tilted Ant13**V2446**

Communication System: Band 2; Frequency: 1880.000

Medium: Head Simulating Liquid. Medium parameters used: $f=1880.000$ MHz; $\sigma=1.40$ S/m; $\epsilon_r=40.4$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.77, 7.41, 7.63); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.547 W/kg; SAR (10g) = 0.298 W/kg;

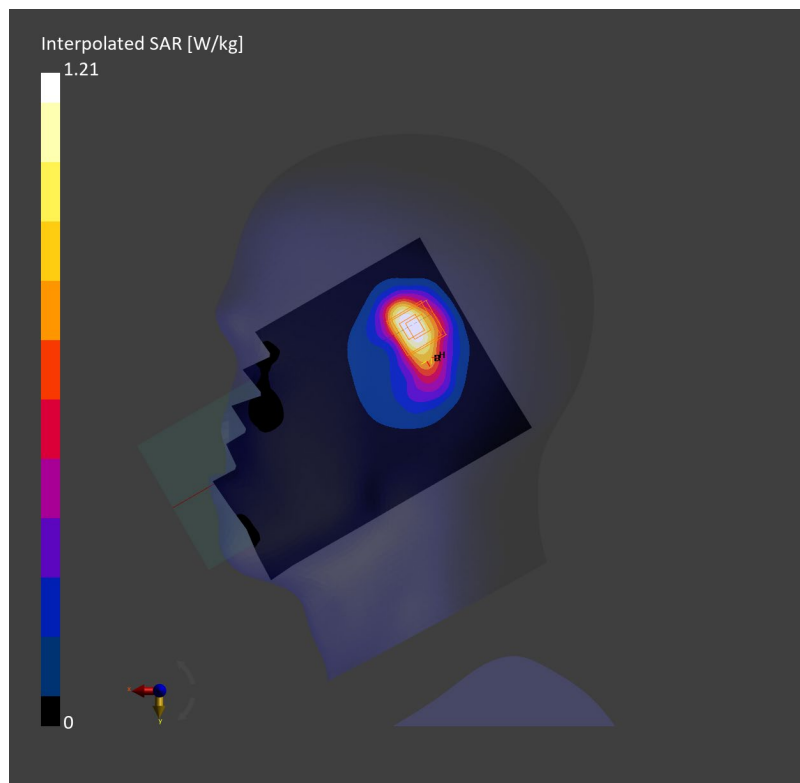
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.02 dB

SAR (1g) = 0.659 W/kg; SAR (10g) = 0.322 W/kg;

M2/M1 [%]=49.7

Dist 3dB Peak [mm]=8.1



V2446 WCDMA Band II RMC 9400CH Back side 15mm Ant13**V2446**

Communication System: Band 2; Frequency: 1880.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.40$ S/m; $\epsilon_r = 40.4$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.77, 7.41, 7.63); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.596 W/kg; SAR (10g) = 0.349 W/kg;

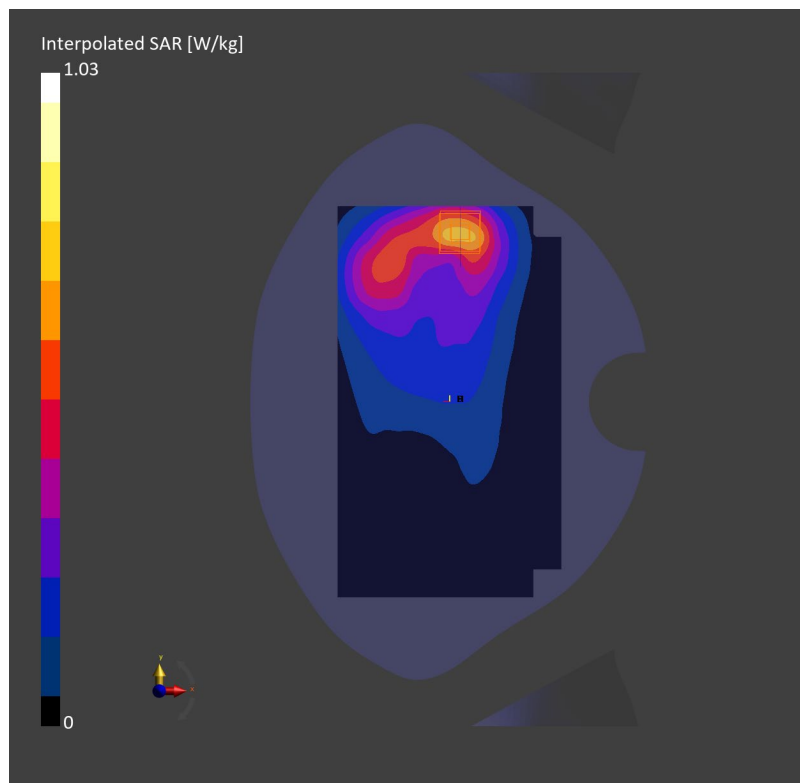
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.02 dB

SAR (1g) = 0.626 W/kg; SAR (10g) = 0.357 W/kg;

M2/M1 [%]=59.2

Dist 3dB Peak [mm]=13.7



V2446 WCDMA Band II RMC 9400CH Back side 10mm Ant31**V2446**

Communication System: Band 2; Frequency: 1880.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.40$ S/m; $\epsilon_r = 40.4$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.77, 7.41, 7.63); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.387 W/kg; SAR (10g) = 0.233 W/kg;

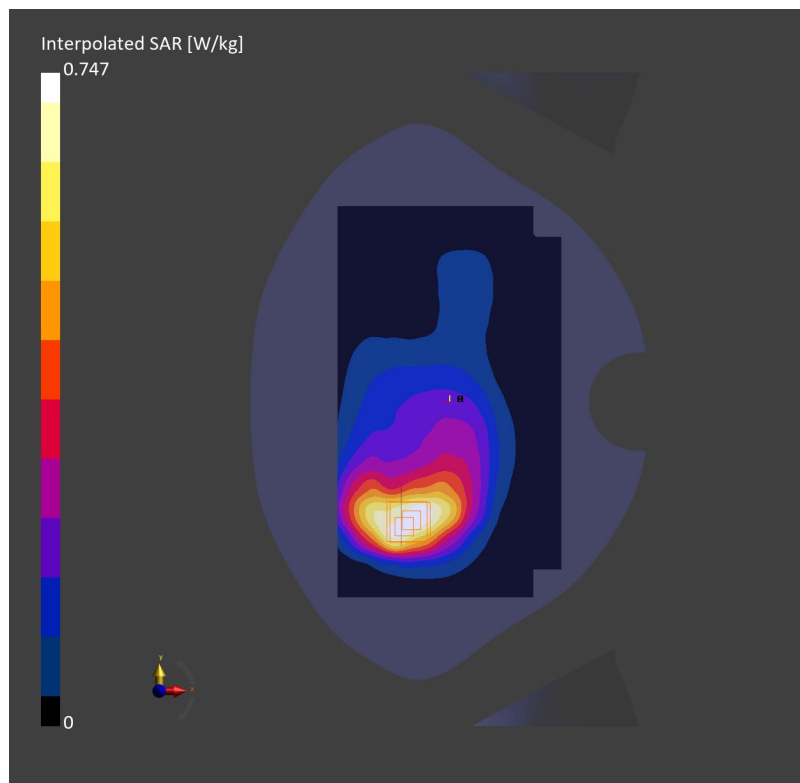
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.02 dB

SAR (1g) = 0.444 W/kg; SAR (10g) = 0.254 W/kg;

M2/M1 [%]=59.5

Dist 3dB Peak [mm]=11.6



V2446 WCDMA Band II RMC 9400CH Top side 0mm Ant13**V2446**

Communication System: Band 2; Frequency: 1880.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.40$ S/m; $\epsilon_r = 40.4$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.77, 7.41, 7.63); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (60.0 mm x 120.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 2.43 W/kg; SAR (10g) = 1.21 W/kg;

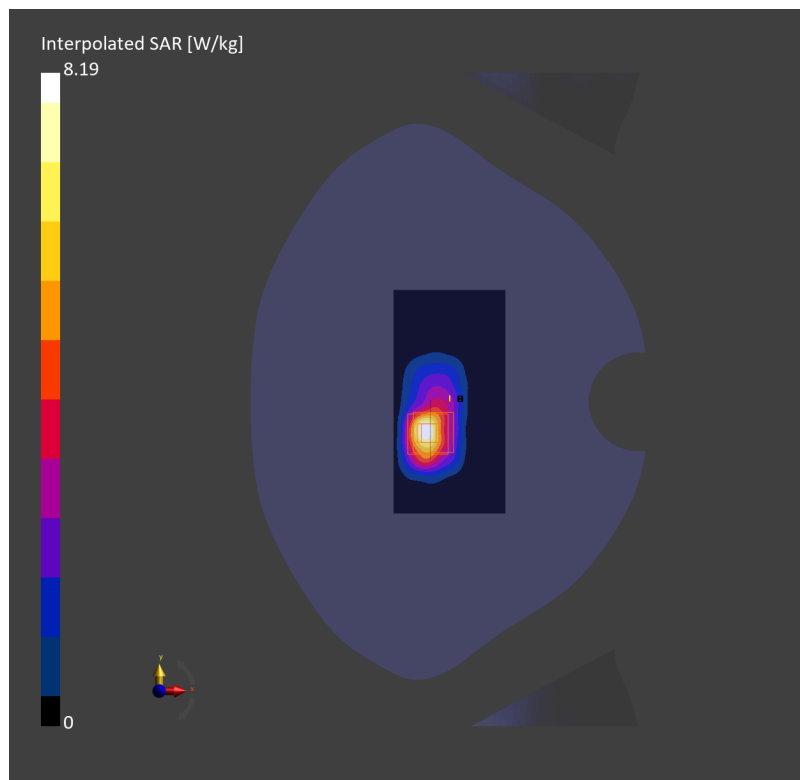
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.04 dB

SAR (1g) = 3.64 W/kg; SAR (10g) = 1.53 W/kg;

M2/M1 [%]=43.7

Dist 3dB Peak [mm]=6.4



V2446 WCDMA Band IV RMC 1412CH Right tilted Ant13**V2446**

Communication System: Band 4; Frequency: 1732.400

Medium: Head Simulating Liquid. Medium parameters used: $f = 1732.400$ MHz; $\sigma = 1.37$ S/m; $\epsilon_r = 40.5$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(8.05, 7.68, 7.91); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.506 W/kg; SAR (10g) = 0.280 W/kg;

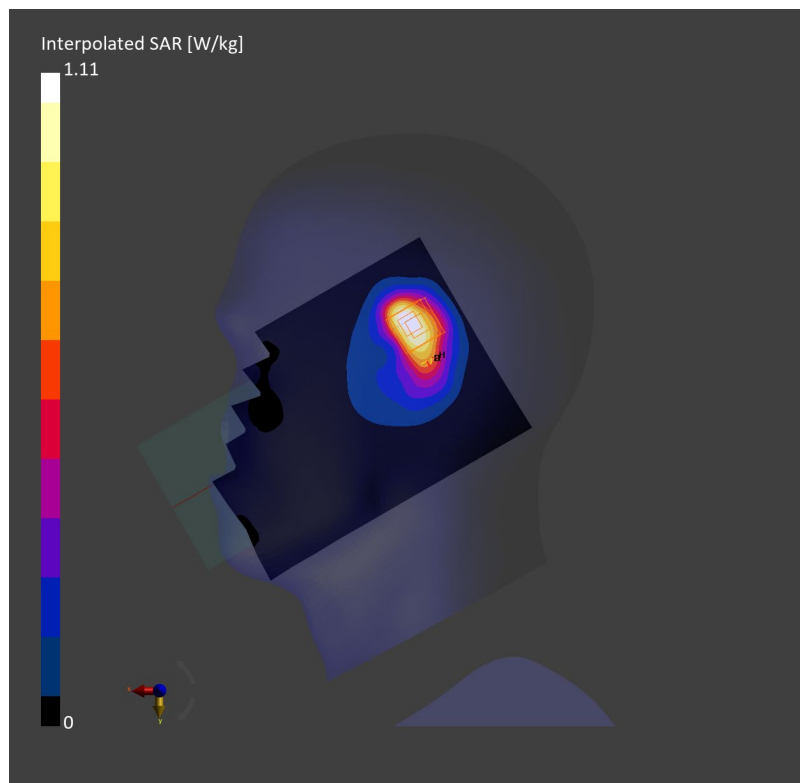
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.03 dB

SAR (1g) = 0.608 W/kg; SAR (10g) = 0.302 W/kg;

M2/M1 [%]=49.5

Dist 3dB Peak [mm]=8.1



V2446 WCDMA Band IV RMC 1412CH Back side 15mm Ant13**V2446**

Communication System: Band 4; Frequency: 1732.400

Medium: Head Simulating Liquid. Medium parameters used: $f = 1732.400$ MHz; $\sigma = 1.37$ S/m; $\epsilon_r = 40.5$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(8.05, 7.68, 7.91); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.354 W/kg; SAR (10g) = 0.216 W/kg;

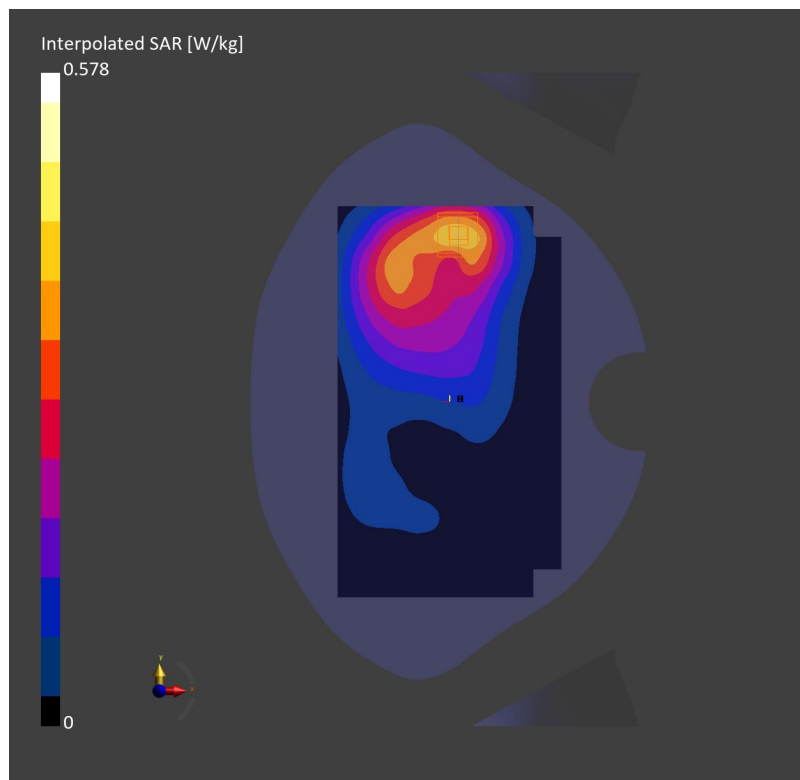
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.02 dB

SAR (1g) = 0.364 W/kg; SAR (10g) = 0.219 W/kg;

M2/M1 [%]=61.3

Dist 3dB Peak [mm]=16.1



V2446 WCDMA Band IV RMC 1412CH Bottom side 10mm Ant31**V2446**

Communication System: Band 4; Frequency: 1732.400

Medium: Head Simulating Liquid. Medium parameters used: $f = 1732.400$ MHz; $\sigma = 1.37$ S/m; $\epsilon_r = 40.5$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(8.05, 7.68, 7.91); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (60.0 mm x 120.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.470 W/kg; SAR (10g) = 0.272 W/kg;

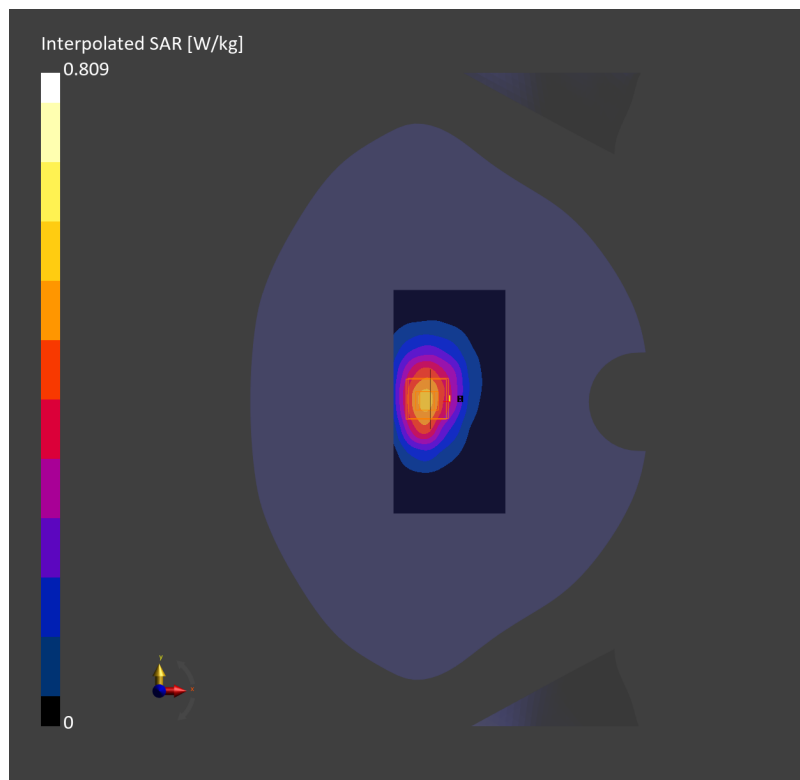
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.01 dB

SAR (1g) = 0.497 W/kg; SAR (10g) = 0.285 W/kg;

M2/M1 [%]=61.3

Dist 3dB Peak [mm]=12.9



V2446 WCDMA Band V RMC 4182CH Right cheek Ant13**V2446**

Communication System: Band 5; Frequency: 836.400

Medium: Head Simulating Liquid. Medium parameters used: $f = 836.400$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 42.9$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(8.89, 8.49, 8.74); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.663 W/kg; SAR (10g) = 0.424 W/kg;

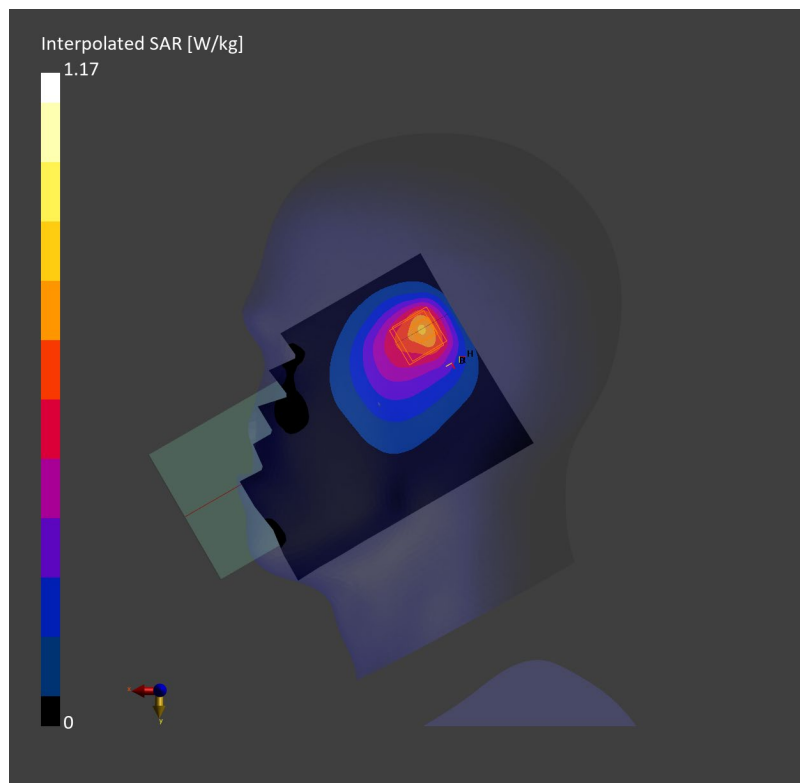
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.01 dB

SAR (1g) = 0.606 W/kg; SAR (10g) = 0.382 W/kg;

M2/M1 [%]=43.9

Dist 3dB Peak [mm]=8.1



V2446 WCDMA Band V RMC 4182CH Back side 15mm Ant31**V2446**

Communication System: Band 5; Frequency: 836.400

Medium: Head Simulating Liquid. Medium parameters used: $f = 836.400$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 42.9$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(8.89, 8.49, 8.74); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.189 W/kg; SAR (10g) = 0.133 W/kg;

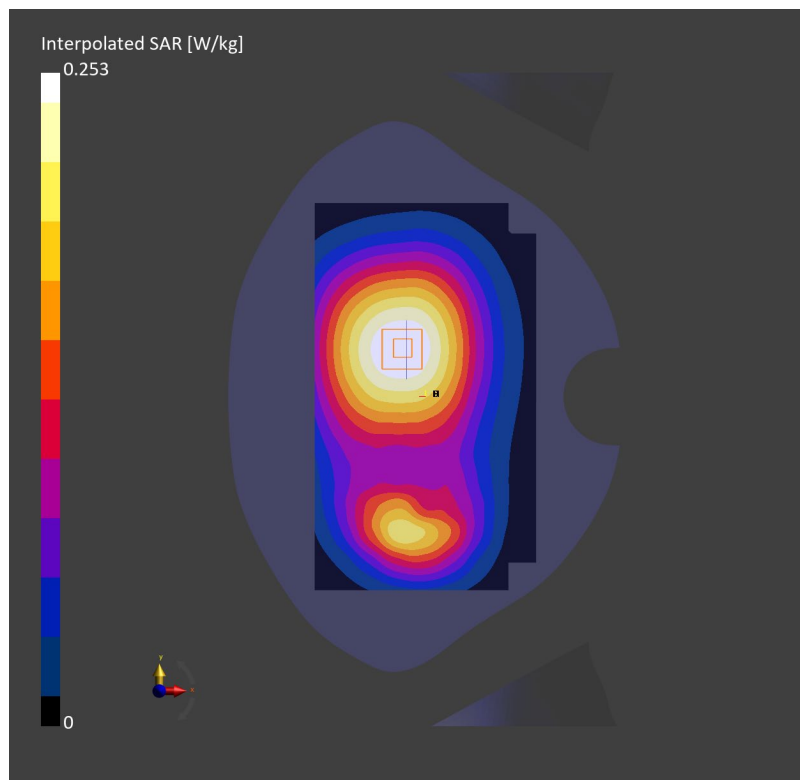
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.09 dB

SAR (1g) = 0.197 W/kg; SAR (10g) = 0.149 W/kg;

M2/M1 [%]=77.6

Dist 3dB Peak [mm]=> 16.0



V2446WCDMA Band V RMC 4182CH Back side 10mm Ant13**V2446**

Communication System: Band 5; Frequency: 836.400

Medium: Head Simulating Liquid. Medium parameters used: $f = 836.400$ MHz; $\sigma = 0.935$ S/m; $\epsilon_r = 42.5$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(8.89, 8.49, 8.74); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.348 W/kg; SAR (10g) = 0.236 W/kg;

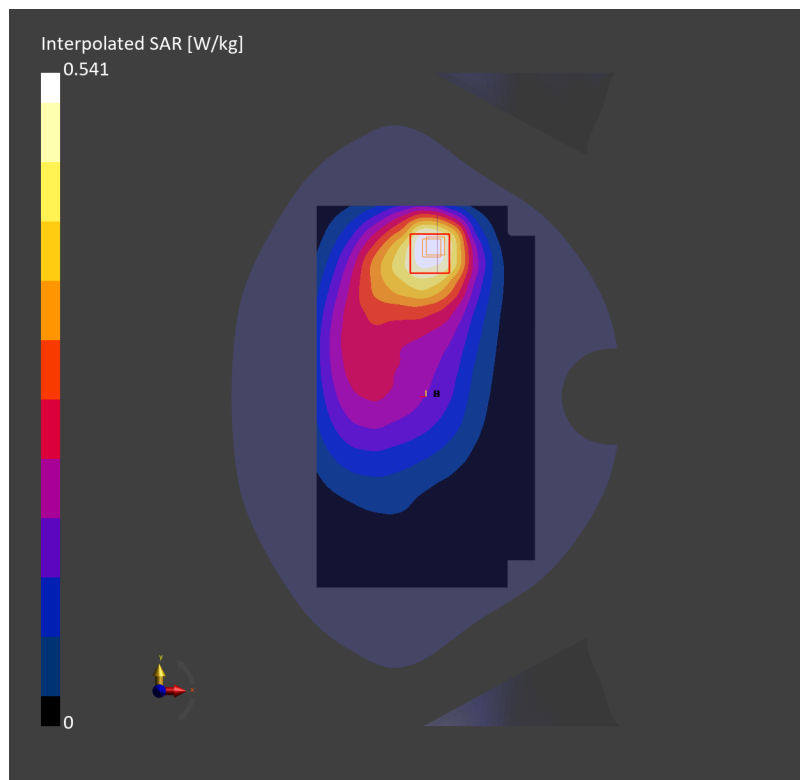
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.06 dB

SAR (1g) = 0.344 W/kg; SAR (10g) = 0.226 W/kg;

M2/M1 [%]=62.9

Dist 3dB Peak [mm]=12.9



V2446 LTE Band 2 20M QPSK 50RB25 19100CH Right tilted Ant13**V2446**

Communication System: Band 2; Frequency: 1900.000

Medium: Head Simulating Liquid. Medium parameters used: $f=1900.000$ MHz; $\sigma=1.42$ S/m; $\epsilon_r=40.0$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.77, 7.41, 7.63); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.614 W/kg; SAR (10g) = 0.344 W/kg;

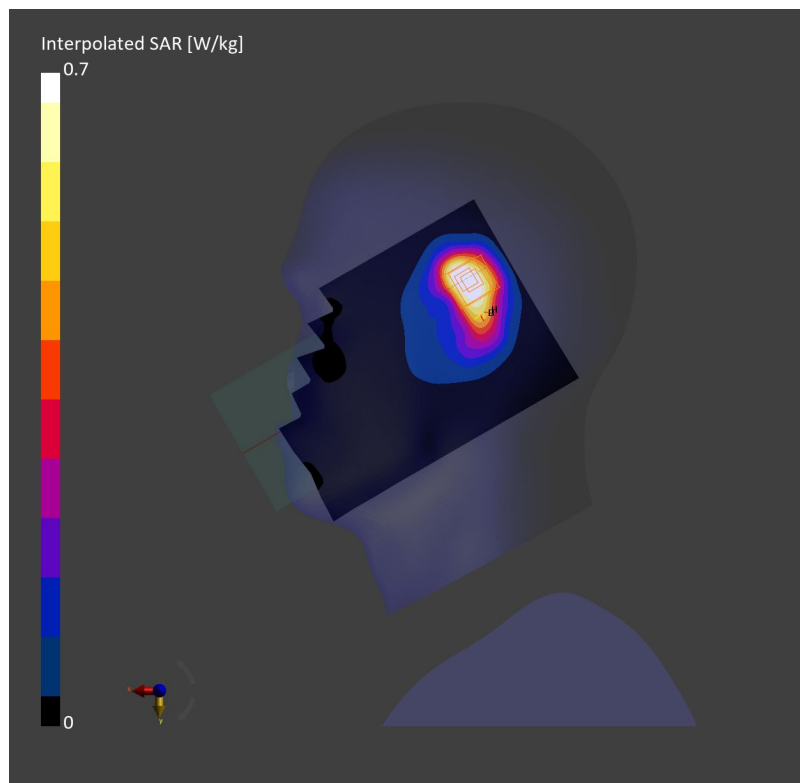
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.02 dB

SAR (1g) = 0.788 W/kg; SAR (10g) = 0.381 W/kg;

M2/M1 [%]=48.7

Dist 3dB Peak [mm]=7.2



V2446 LTE Band 2 20M QPSK 1RB50 19100CH Back side 15mm Ant13**V2446**

Communication System: Band 2; Frequency: 1900.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1900.000$ MHz; $\sigma = 1.42$ S/m; $\epsilon_r = 40.0$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.77, 7.41, 7.63); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.823 W/kg; SAR (10g) = 0.474 W/kg;

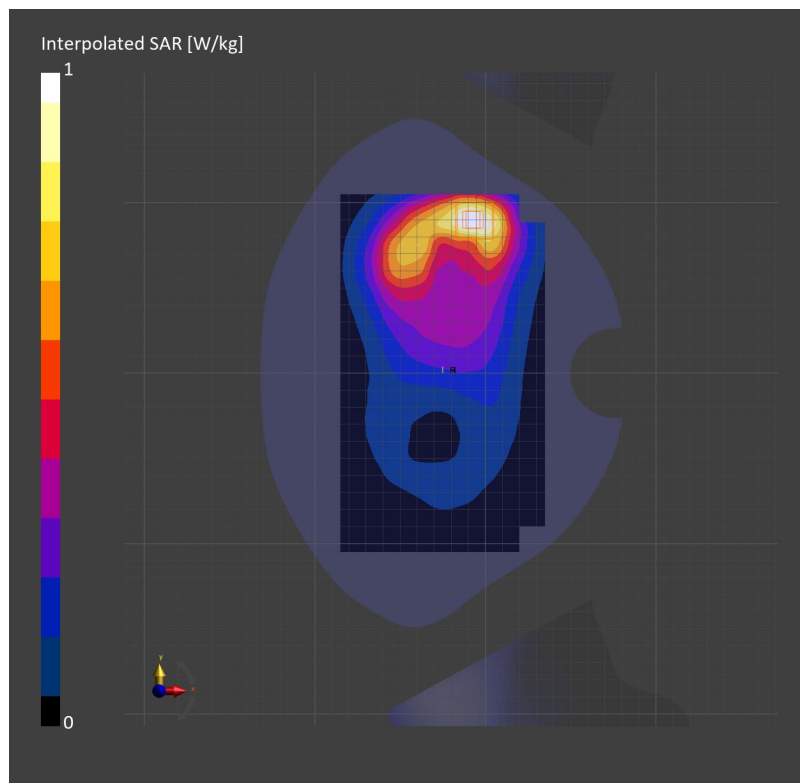
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.02 dB

SAR (1g) = 0.858 W/kg; SAR (10g) = 0.489 W/kg;

M2/M1 [%]=61.8

Dist 3dB Peak [mm]=28.9



V2446 LTE Band 2 20M QPSK 50RB25 19100CH Top side 10mm Ant13**V2446**

Communication System: Band 2; Frequency: 1900.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1900.000$ MHz; $\sigma = 1.42$ S/m; $\epsilon_r = 40.0$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.77, 7.41, 7.63); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (60.0 mm x 120.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.519 W/kg; SAR (10g) = 0.277 W/kg;

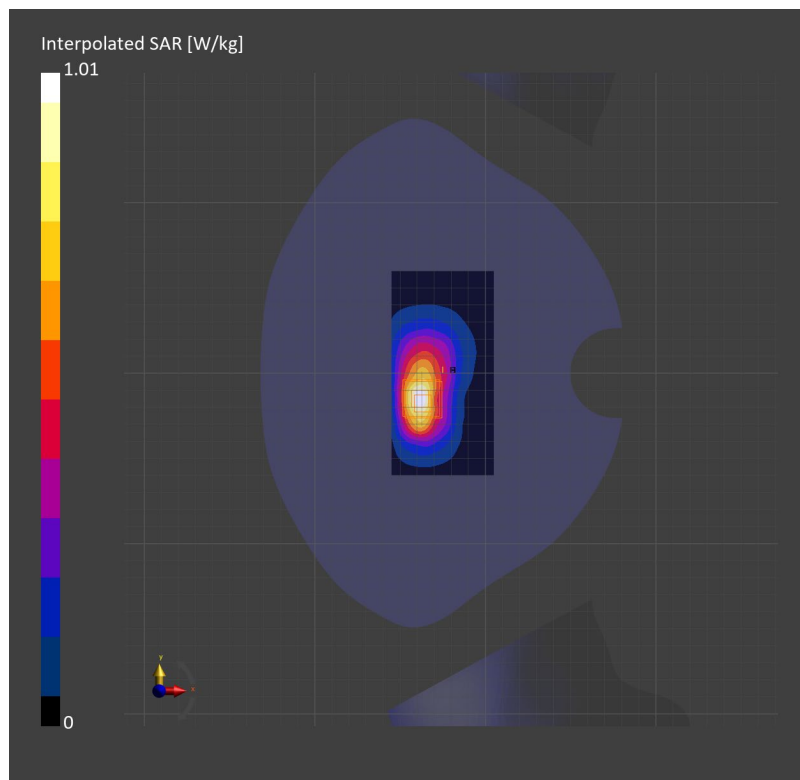
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.03 dB

SAR (1g) = 0.566 W/kg; SAR (10g) = 0.291 W/kg;

M2/M1 [%]=55.9

Dist 3dB Peak [mm]=9.6



V2446 LTE Band 2 20M QPSK 50RB0 19100CH Top side 0mm Ant13**V2446**

Communication System: Band 2; Frequency: 1900.000

Medium: Head Simulating Liquid. Medium parameters used: $f=1900.000$ MHz; $\sigma=1.42$ S/m; $\epsilon_r=40.0$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.77, 7.41, 7.63); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (60.0 mm x 120.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 2.71 W/kg; SAR (10g) = 1.41 W/kg;

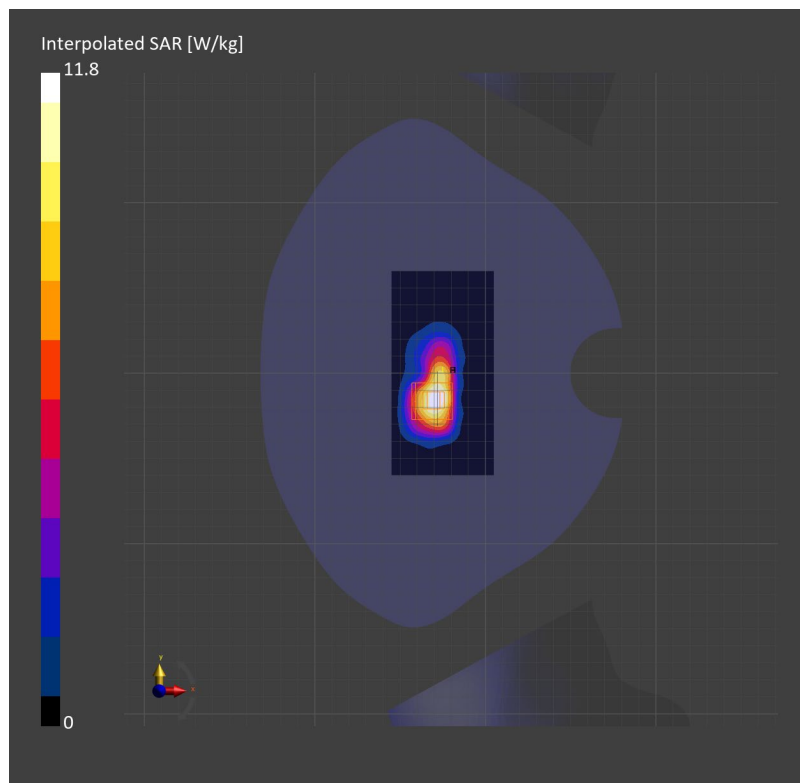
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.06 dB

SAR (1g) = 4.38 W/kg; SAR (10g) = 1.85 W/kg;

M2/M1 [%]=27.4

Dist 3dB Peak [mm]=4.6



V2446 LTE Band 7 20M QPSK 1RB99 21350CH Right cheek Ant11**V2446**

Communication System: Band 7; Frequency: 2560.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2560.000$ MHz; $\sigma = 1.95$ S/m; $\epsilon_r = 37.8$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.33, 7.0, 7.21); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.713 W/kg; SAR (10g) = 0.304 W/kg;

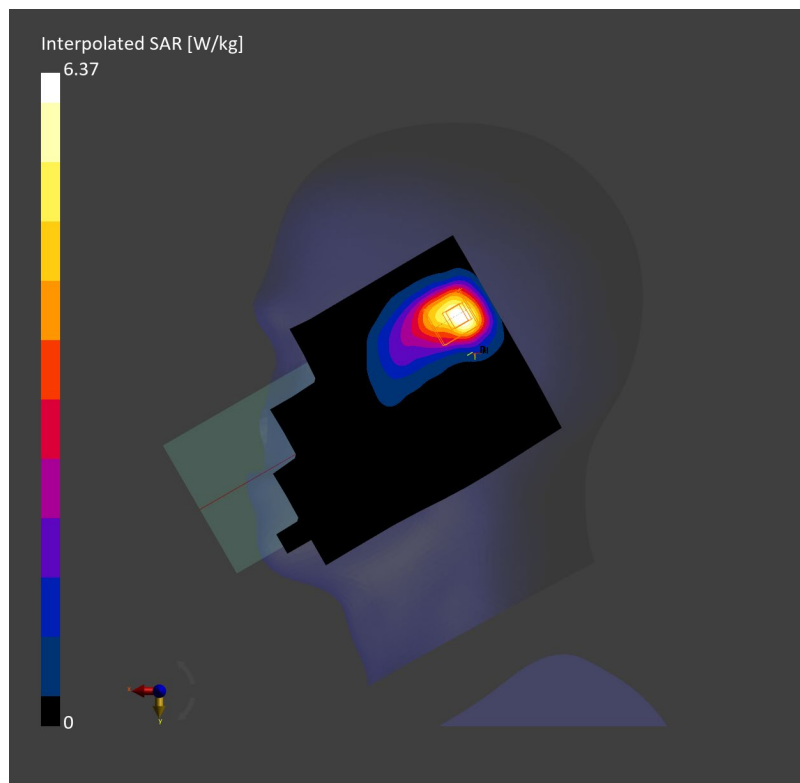
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = -0.12 dB

SAR (1g) = 0.778 W/kg; SAR (10g) = 0.314 W/kg;

M2/M1 [%]=50.3

Dist 3dB Peak [mm]=5.2



V2446 LTE Band 7 20M QPSK 1RB0 21350CH Back side 15mm Ant13**V2446**

Communication System: Band 7; Frequency: 2560.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2560.000$ MHz; $\sigma = 1.95$ S/m; $\epsilon_r = 37.8$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.33, 7.0, 7.21); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.650 W/kg; SAR (10g) = 0.329 W/kg;

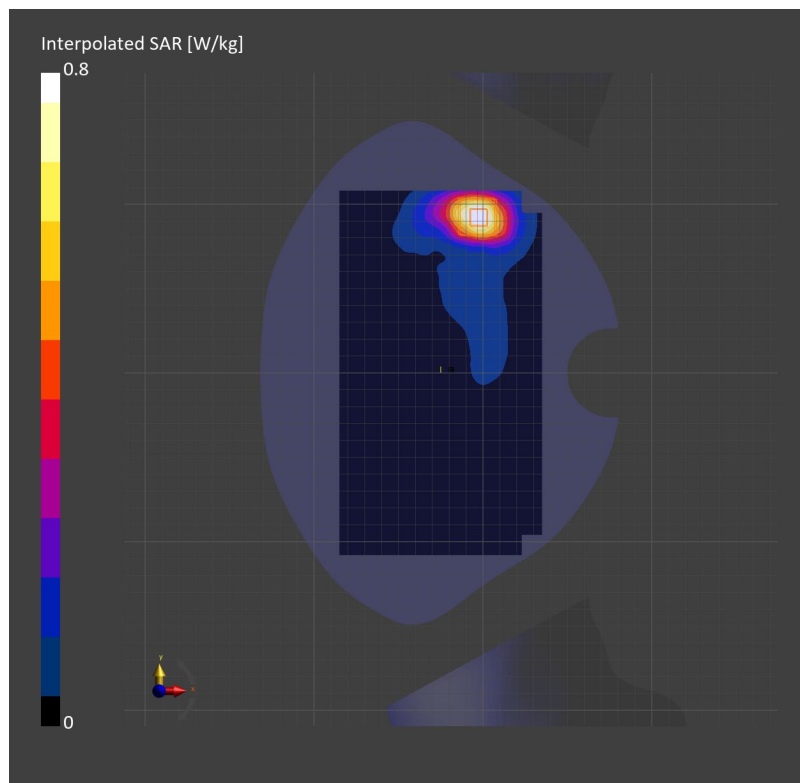
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.05 dB

SAR (1g) = 0.632 W/kg; SAR (10g) = 0.306 W/kg;

M2/M1 [%]=51.7

Dist 3dB Peak [mm]=10.1



V2446 LTE Band 7 20M QPSK 50RB0 21350CH Back side 10mm Ant31**V2446**

Communication System: Band 7; Frequency: 2560.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2560.000$ MHz; $\sigma = 1.95$ S/m; $\epsilon_r = 37.8$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.33, 7.0, 7.21); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.443 W/kg; SAR (10g) = 0.243 W/kg;

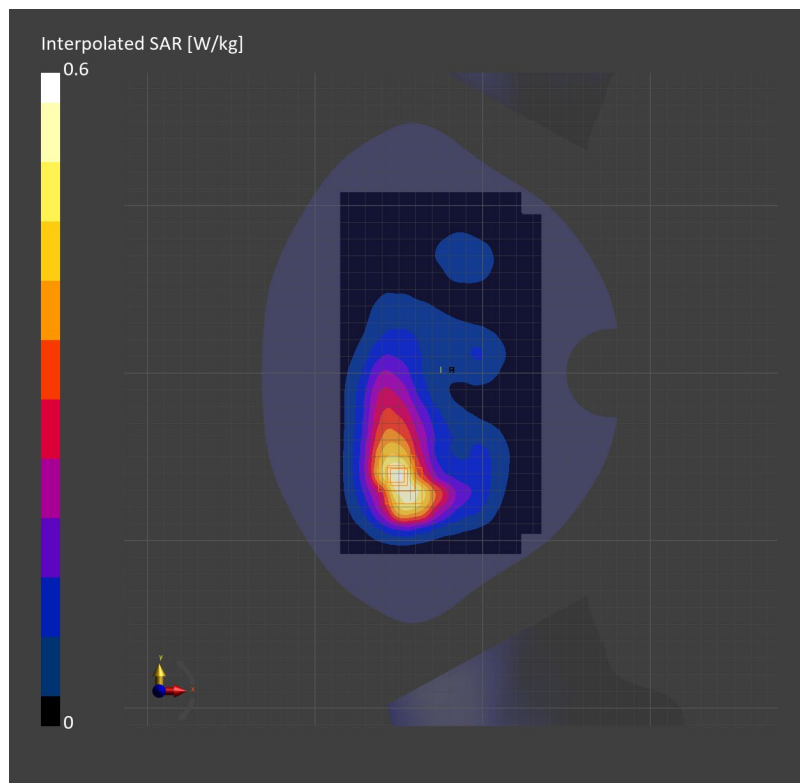
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = -0.13 dB

SAR (1g) = 0.453 W/kg; SAR (10g) = 0.240 W/kg;

M2/M1 [%]=46.5

Dist 3dB Peak [mm]=15.0



V2446 LTE Band 7 20M QPSK 50RB0 21350CH Left side 0mm Ant11**V2446**

Communication System: Band 7; Frequency: 2560.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2560.000$ MHz; $\sigma = 1.95$ S/m; $\epsilon_r = 37.8$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.33, 7.0, 7.21); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (48.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 5.83 W/kg; SAR (10g) = 2.33 W/kg;

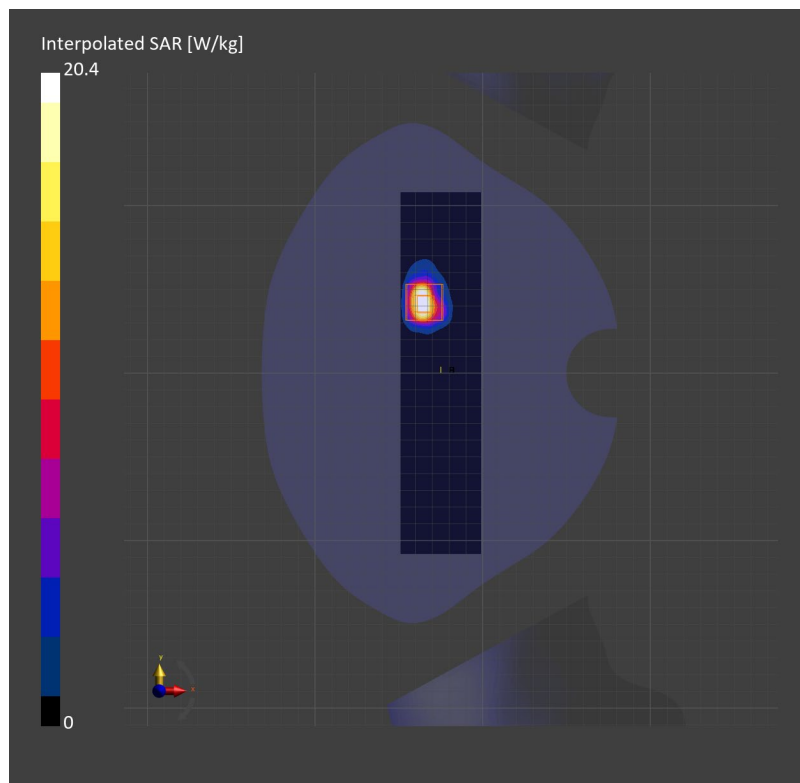
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.05 dB

SAR (1g) = 7.44 W/kg; SAR (10g) = 2.43 W/kg;

M2/M1 [%]=34.6

Dist 3dB Peak [mm]=5.1



V2446 LTE Band 12 10M QPSK 1RB0 23060CH Right tilted Ant13**V2446**

Communication System: Band 12; Frequency: 704.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 704.000$ MHz; $\sigma = 0.883$ S/m; $\epsilon_r = 42.1$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(9.45, 9.01, 9.28); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.450 W/kg; SAR (10g) = 0.277 W/kg;

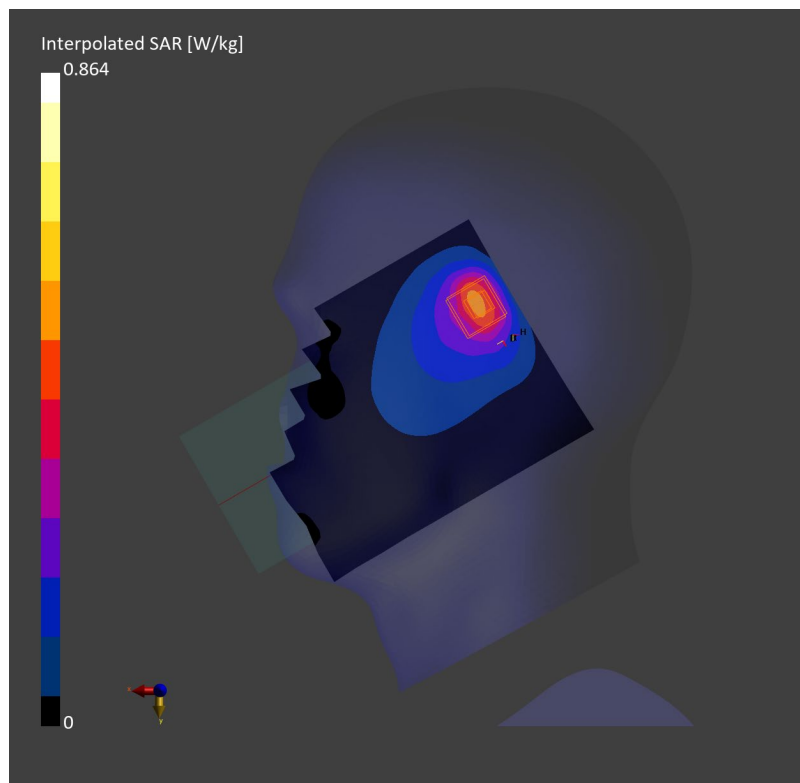
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.00 dB

SAR (1g) = 0.421 W/kg; SAR (10g) = 0.227 W/kg;

M2/M1 [%]=45.2

Dist 3dB Peak [mm]=9.7



V2446 LTE Band 12 10M QPSK 1RB0 23060CH Back side 15mm Ant31**V2446**

Communication System: Band 12; Frequency: 704.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 704.000$ MHz; $\sigma = 0.883$ S/m; $\epsilon_r = 42.1$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(9.45, 9.01, 9.28); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.171 W/kg; SAR (10g) = 0.123 W/kg;

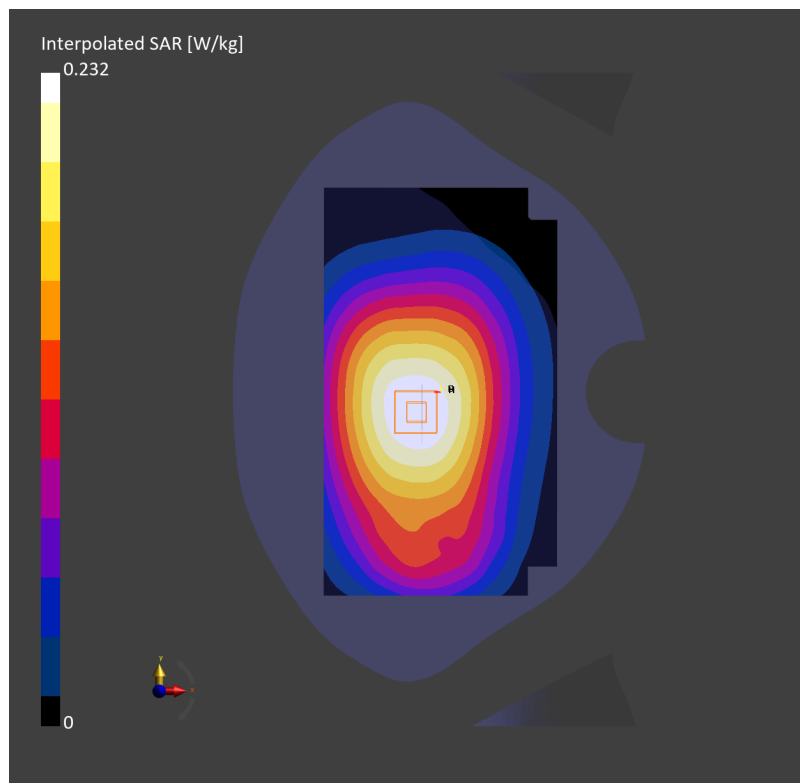
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.04 dB

SAR (1g) = 0.177 W/kg; SAR (10g) = 0.138 W/kg;

M2/M1 [%]=90.4

Dist 3dB Peak [mm]=> 15.0



V2446 LTE Band 12 10M QPSK 1RB0 23060CH Left side 10mm Ant31**V2446**

Communication System: Band 12; Frequency: 704.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 704.000$ MHz; $\sigma = 0.883$ S/m; $\epsilon_r = 42.1$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(9.45, 9.01, 9.28); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (48.0 mm x 216.0 mm): Measurement Grid: 8.0 mm x 8.0 mm

SAR (1g) = 0.232 W/kg; SAR (10g) = 0.161 W/kg;

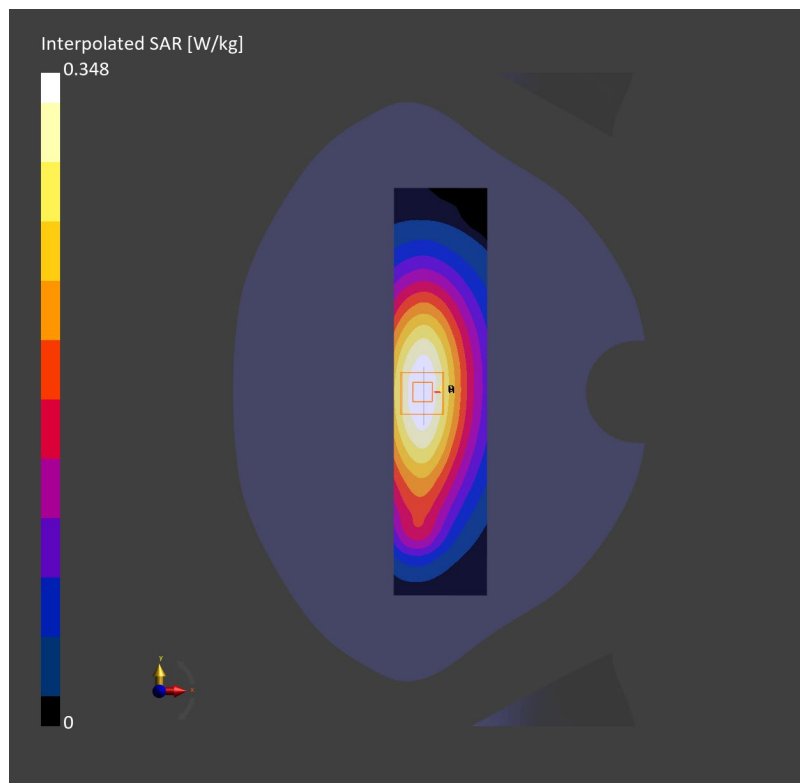
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.02 dB

SAR (1g) = 0.236 W/kg; SAR (10g) = 0.166 W/kg;

M2/M1 [%]=87.2

Dist 3dB Peak [mm]=> 15.0



V2446 LTE Band 13 10M QPSK 1RB0 23230CH Right cheek Ant13**V2446**

Communication System: Band 13; Frequency: 782.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 782.000$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 41.2$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(9.45, 9.01, 9.28); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.583 W/kg; SAR (10g) = 0.371 W/kg;

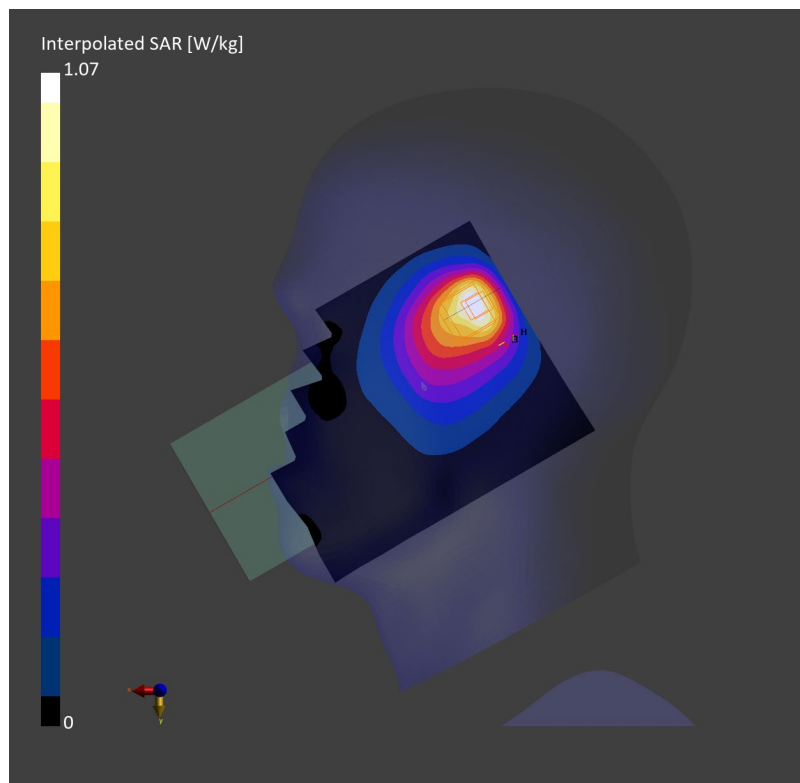
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.03 dB

SAR (1g) = 0.527 W/kg; SAR (10g) = 0.324 W/kg;

M2/M1 [%]=41.9

Dist 3dB Peak [mm]=8.1



V2446 LTE Band 13 10M QPSK 1RB0 23230CH Back side 15mm Ant31**V2446**

Communication System: Band 13; Frequency: 782.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 782.000$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 41.2$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(9.45, 9.01, 9.28); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.210 W/kg; SAR (10g) = 0.149 W/kg;

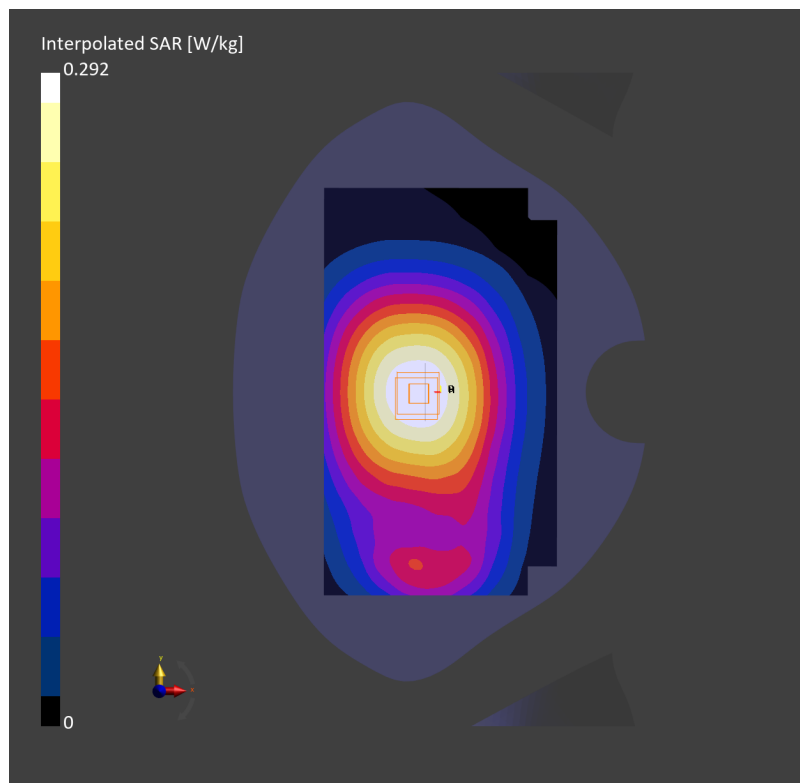
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 0.219 W/kg; SAR (10g) = 0.169 W/kg;

M2/M1 [%]=89.8

Dist 3dB Peak [mm]=> 15.0



V2446 LTE Band 13 10M QPSK 1RB0 23230CH Bottom side 10mm Ant31**V2446**

Communication System: Band 13; Frequency: 782.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 782.000$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 41.2$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(9.45, 9.01, 9.28); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (60.0 mm x 120.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.219 W/kg; SAR (10g) = 0.138 W/kg;

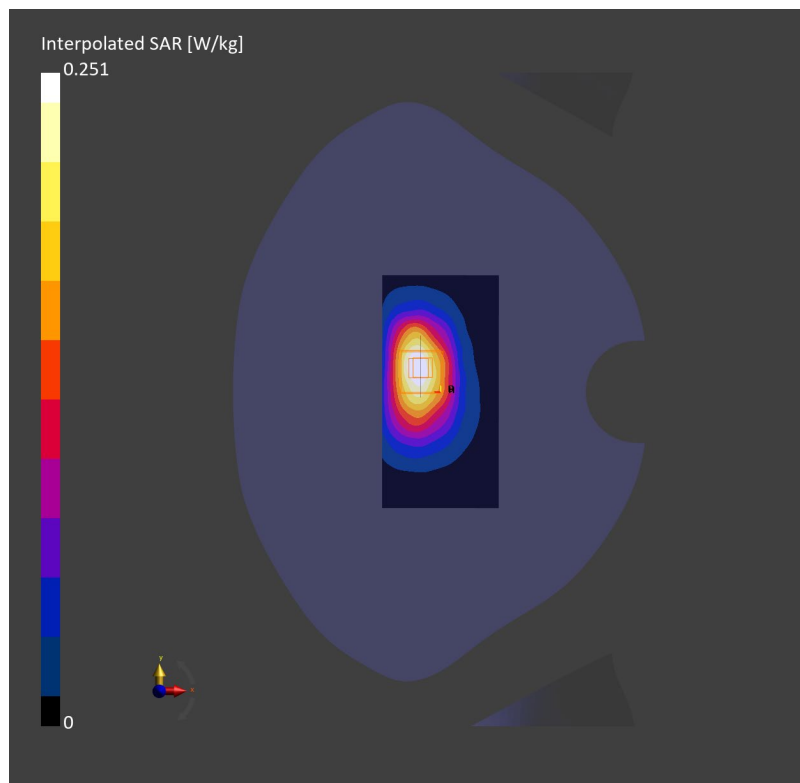
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.04 dB

SAR (1g) = 0.250 W/kg; SAR (10g) = 0.133 W/kg;

M2/M1 [%]=49.8

Dist 3dB Peak [mm]=9.6



V2446 LTE Band 26 15M QPSK 1RB74 26765CH Right cheek Ant13**V2446**

Communication System: Band 26; Frequency: 821.500

Medium: Head Simulating Liquid. Medium parameters used: $f = 821.500$ MHz; $\sigma = 0.926$ S/m; $\epsilon_r = 42.6$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(8.89, 8.49, 8.74); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.777 W/kg; SAR (10g) = 0.494 W/kg;

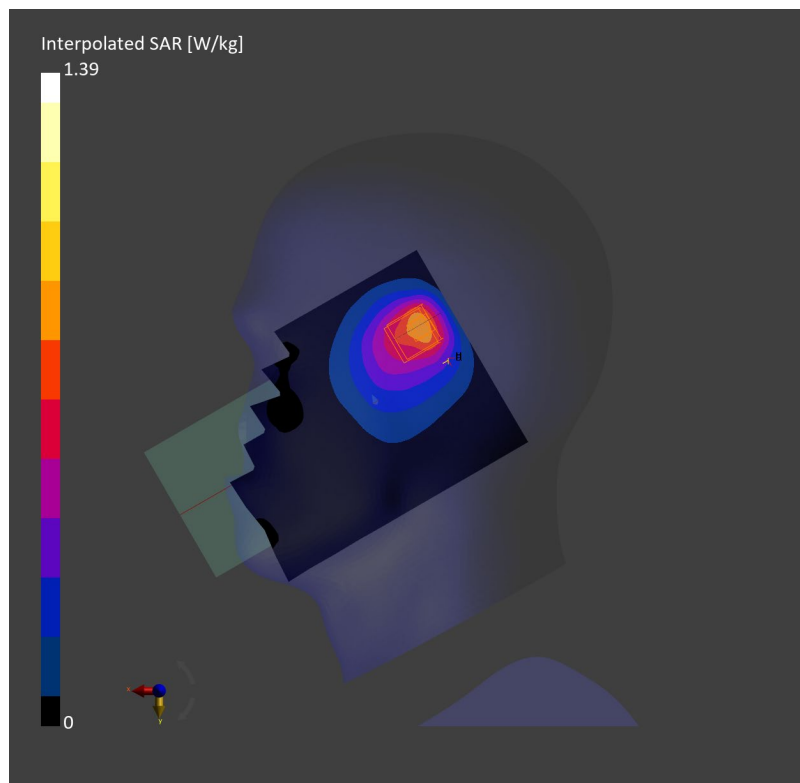
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.05 dB

SAR (1g) = 0.709 W/kg; SAR (10g) = 0.443 W/kg;

M2/M1 [%]=43.1

Dist 3dB Peak [mm]=8.1



V2446 LTE Band 26 15M QPSK 1RB38 26865CH Back side 15mm Ant31**V2446**

Communication System: Band 26; Frequency: 831.500

Medium: Head Simulating Liquid. Medium parameters used: $f = 831.500$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 42.5$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(8.89, 8.49, 8.74); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.190 W/kg; SAR (10g) = 0.134 W/kg;

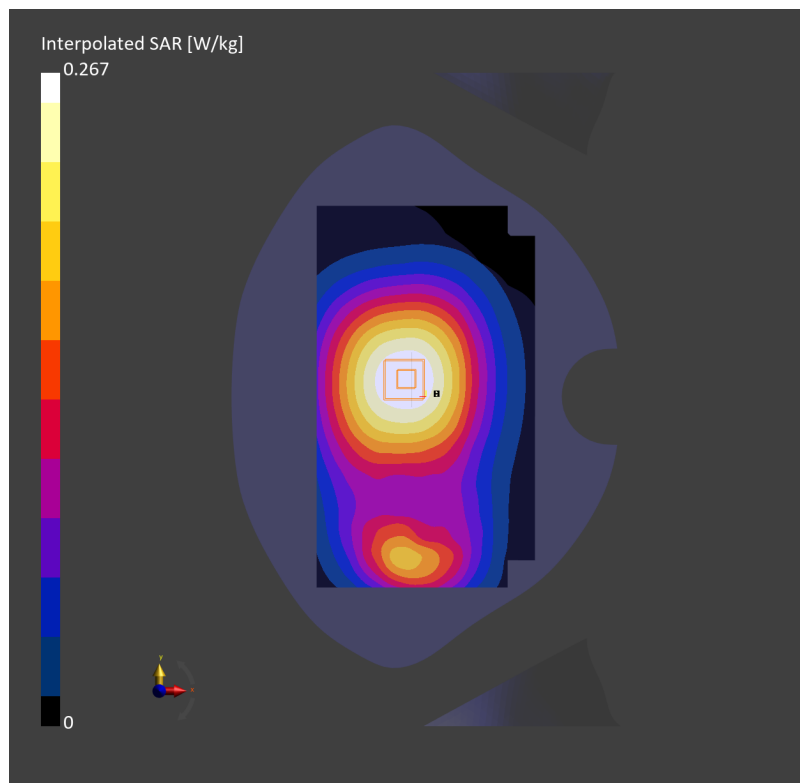
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.04 dB

SAR (1g) = 0.200 W/kg; SAR (10g) = 0.152 W/kg;

M2/M1 [%]=89.6

Dist 3dB Peak [mm]=> 15.0



V2446 LTE Band 26 15M QPSK 1RB38 26865CH Back side 10mm Ant13**V2446**

Communication System: Band 26; Frequency: 831.500

Medium: Head Simulating Liquid. Medium parameters used: $f = 831.500$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 42.5$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(8.89, 8.49, 8.74); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.361 W/kg; SAR (10g) = 0.242 W/kg;

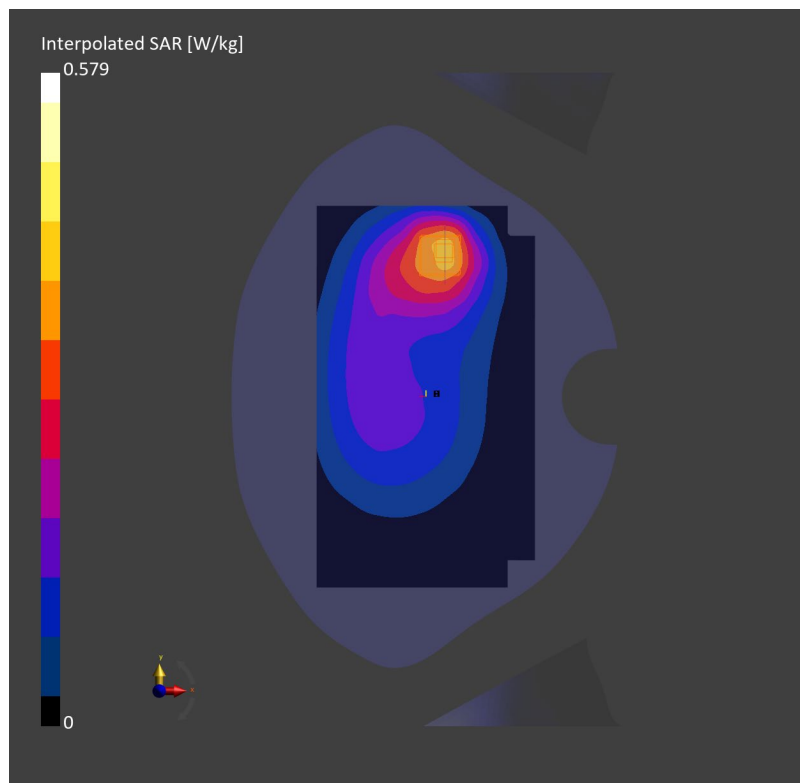
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.02 dB

SAR (1g) = 0.361 W/kg; SAR (10g) = 0.233 W/kg;

M2/M1 [%]=60.6

Dist 3dB Peak [mm]=14.8



V2446 LTE Band 41 20M QPSK 50RB0 40620CH Right cheek Ant11**V2446**

Communication System: Band 41; Frequency: 2593.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2593.000$ MHz; $\sigma = 1.94$ S/m; $\epsilon_r = 39.8$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.33, 7.0, 7.21); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.654 W/kg; SAR (10g) = 0.278 W/kg;

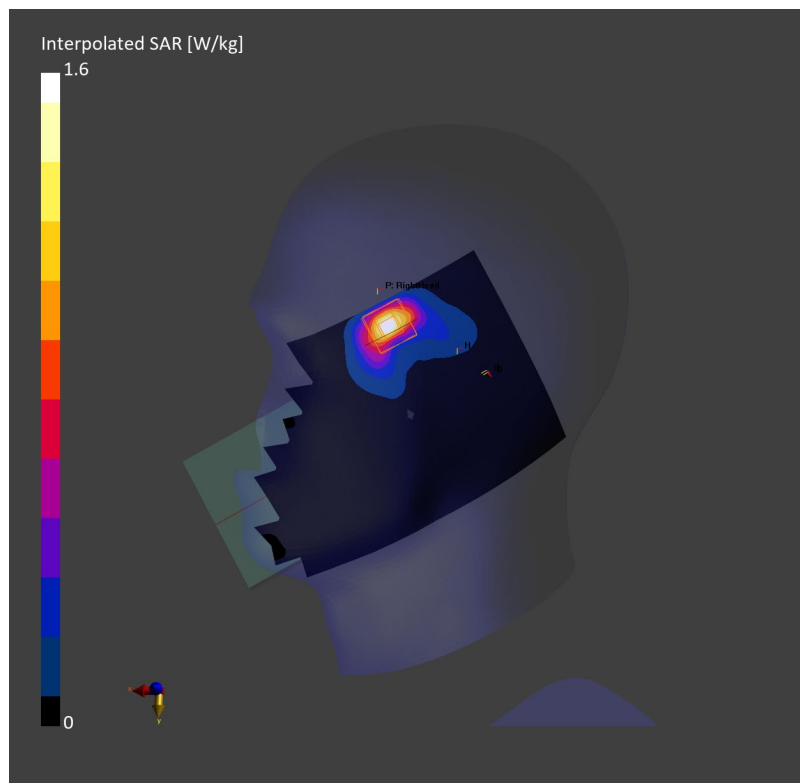
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = -0.08 dB

SAR (1g) = 0.711 W/kg; SAR (10g) = 0.285 W/kg;

M2/M1 [%]=49.8

Dist 3dB Peak [mm]=5.2



V2446 LTE Band 41 20M QPSK 1RB0 41055CH Back side 15mm Ant11

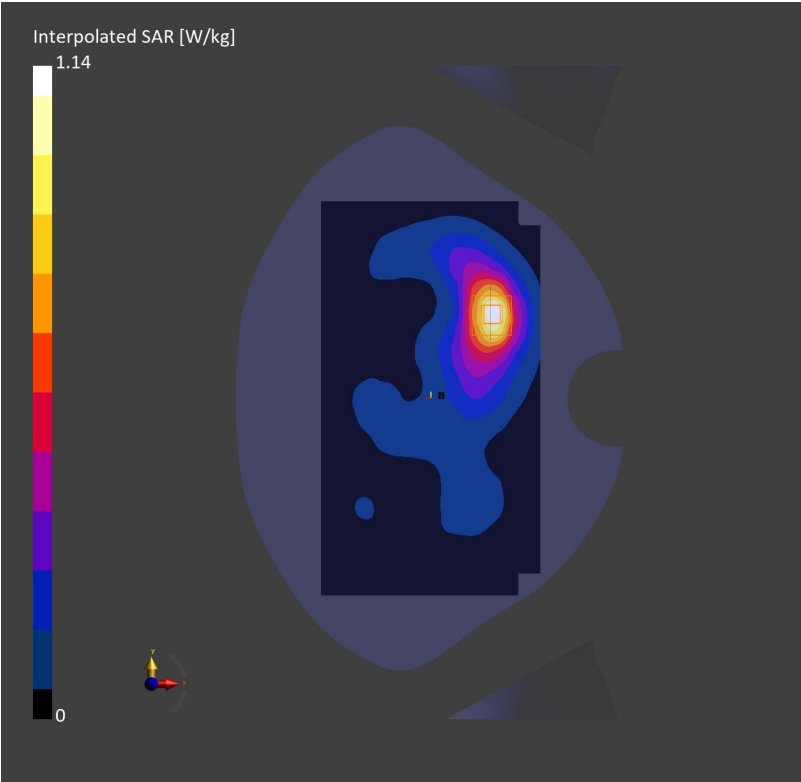
V2446

Communication System: Band 41; Frequency: 2636.500
Medium: Head Simulating Liquid. Medium parameters used: $f=2636.500$ MHz; $\sigma=2.00$ S/m; $\epsilon_r=39.6$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(7.33, 7.0, 7.21); Calibrated: 2024-11-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.555 W/kg; SAR (10g) = 0.274 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 5.0 mm
Power Drift = 0.06 dB
SAR (1g) = 0.590 W/kg; SAR (10g) = 0.286 W/kg;
M2/M1 [%]=51.4
Dist 3dB Peak [mm]=11.1



V2446 LTE Band 41 20M QPSK 1RB0 41490CH Left side 10mm Ant11**V2446**

Communication System: Band 41; Frequency: 2680.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2680.000$ MHz; $\sigma = 2.05$ S/m; $\epsilon_r = 39.5$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.33, 7.0, 7.21); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (48.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.432 W/kg; SAR (10g) = 0.194 W/kg;

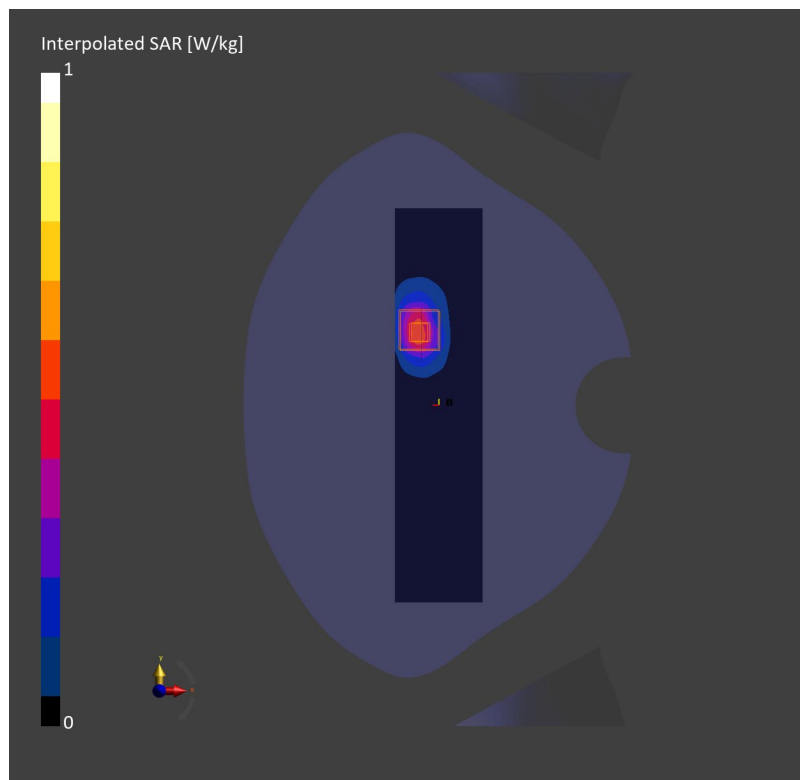
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.07 dB

SAR (1g) = 0.469 W/kg; SAR (10g) = 0.196 W/kg;

M2/M1 [%]=47.3

Dist 3dB Peak [mm]=8.1



V2446 LTE Band 41 20M QPSK 100RB0 40185CH Left side 0mm Ant11**V2446**

Communication System: Band 41; Frequency: 2549.500

Medium: Head Simulating Liquid. Medium parameters used: $f = 2549.500$ MHz; $\sigma = 1.90$ S/m; $\epsilon_r = 39.8$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.33, 7.0, 7.21); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (48.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 5.51 W/kg; SAR (10g) = 2.23 W/kg;

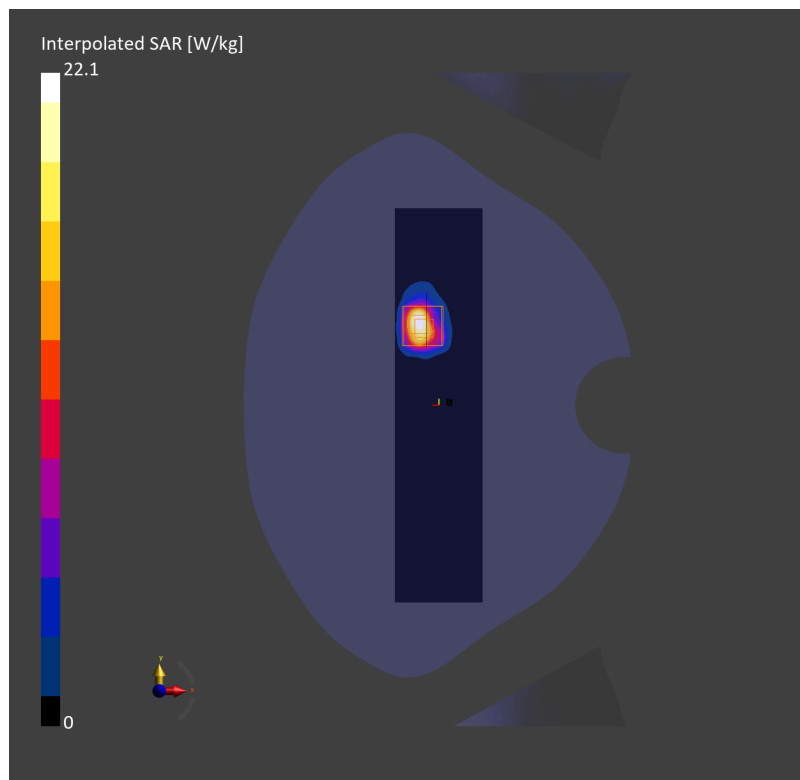
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.04 dB

SAR (1g) = 7.58 W/kg; SAR (10g) = 2.40 W/kg;

M2/M1 [%]=31.3

Dist 3dB Peak [mm]=4.1



V2446 LTE Band 66 20M QPSK 1RB99 132072CH Right tilted Ant13**V2446**

Communication System: Band 66; Frequency: 1720.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1720.000$ MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 39.9$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(8.05, 7.68, 7.91); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.568 W/kg; SAR (10g) = 0.309 W/kg;

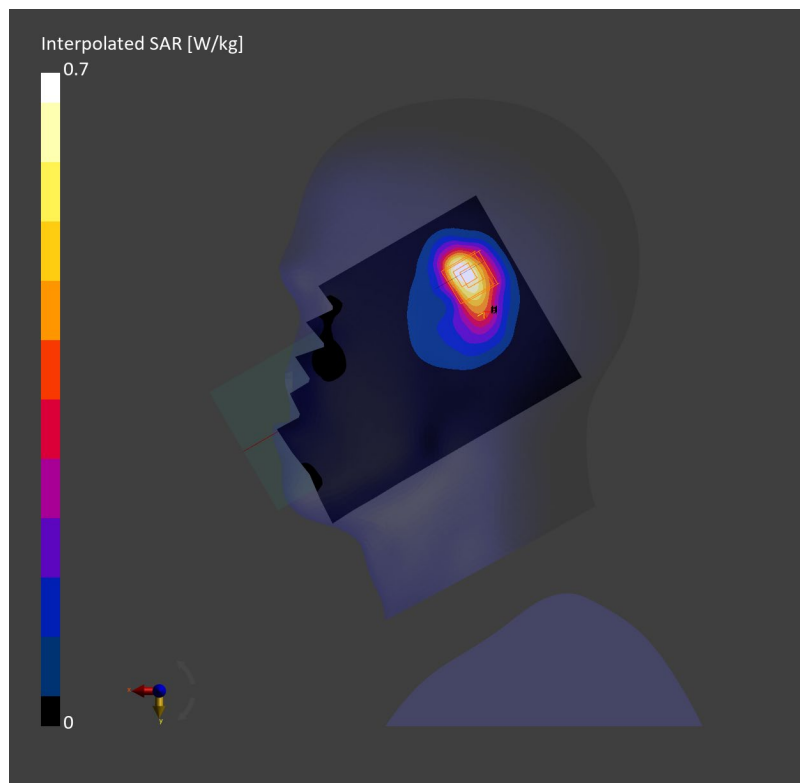
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.00 dB

SAR (1g) = 0.658 W/kg; SAR (10g) = 0.325 W/kg;

M2/M1 [%]=49.3

Dist 3dB Peak [mm]=8.1



V2446 LTE Band 66 20M QPSK 1RB0 132322CH Back side 15mm Ant13**V2446**

Communication System: Band 66; Frequency: 1745.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1745.000$ MHz; $\sigma = 1.40$ S/m; $\epsilon_r = 39.9$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(8.05, 7.68, 7.91); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.438 W/kg; SAR (10g) = 0.262 W/kg;

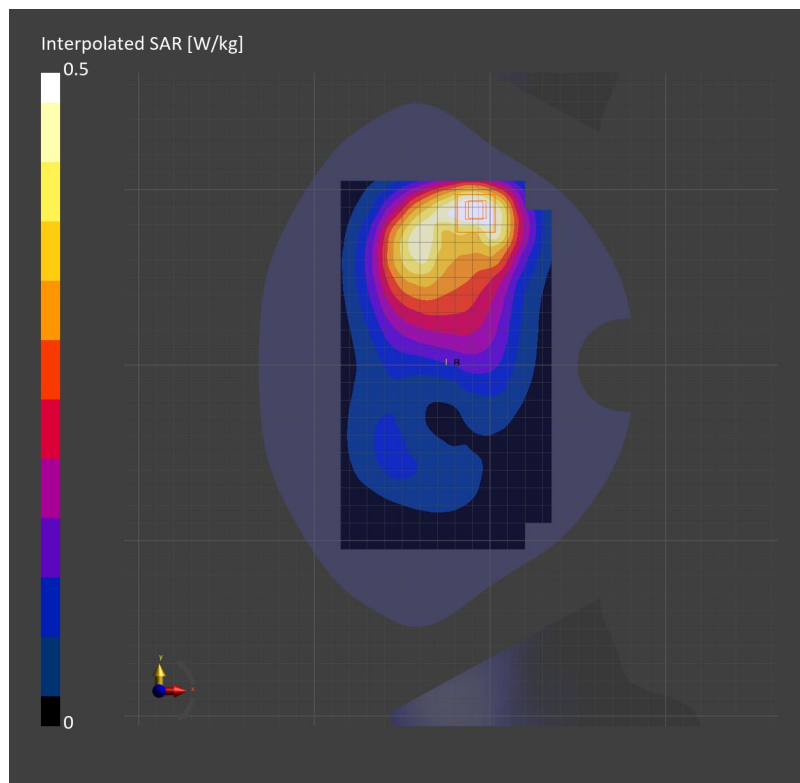
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.01 dB

SAR (1g) = 0.445 W/kg; SAR (10g) = 0.268 W/kg;

M2/M1 [%]=61.5

Dist 3dB Peak [mm]=14.5



V2446 LTE Band 66 20M QPSK 50RB50 132072CH Bottom side 10mm Ant31

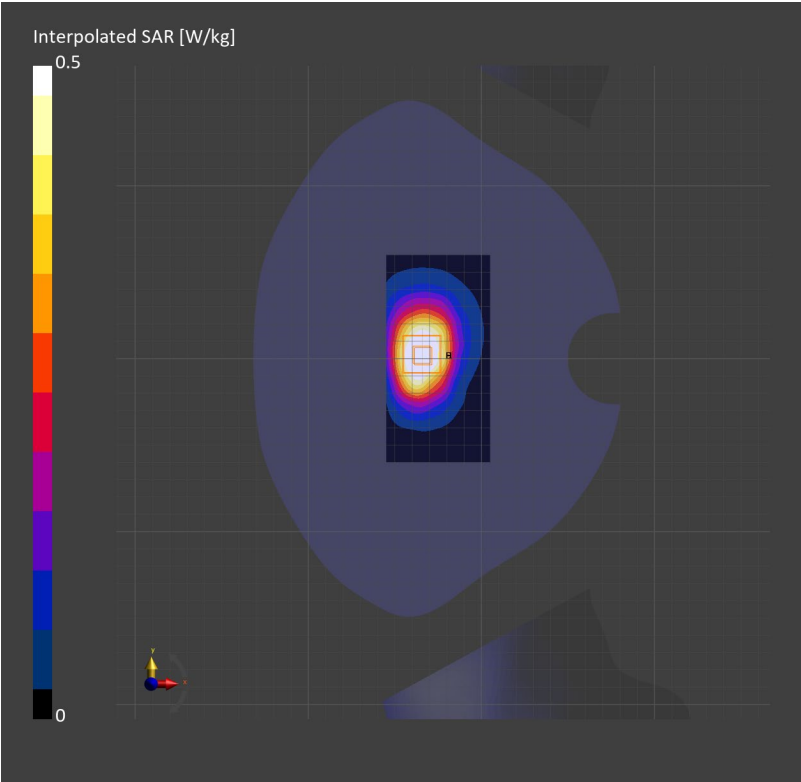
V2446

Communication System: Band 66; Frequency: 1720.000
Medium: Head Simulating Liquid. Medium parameters used: $f=1720.000$ MHz; $\sigma=1.39$ S/m; $\epsilon_r=39.9$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(8.05, 7.68, 7.91); Calibrated: 2024-11-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (60.0 mm x 120.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.489 W/kg; SAR (10g) = 0.289 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm
Power Drift = -0.00 dB
SAR (1g) = 0.540 W/kg; SAR (10g) = 0.310 W/kg;
M2/M1 [%]=61.7
Dist 3dB Peak [mm]=12.8



V2446 LTE Band 66 20M QPSK 50RB50 132572CH Top side 0mm Ant13**V2446**

Communication System: Band 66; Frequency: 1770.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1770.000$ MHz; $\sigma = 1.41$ S/m; $\epsilon_r = 39.9$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(8.05, 7.68, 7.91); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (60.0 mm x 120.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 2.71 W/kg; SAR (10g) = 1.44 W/kg;

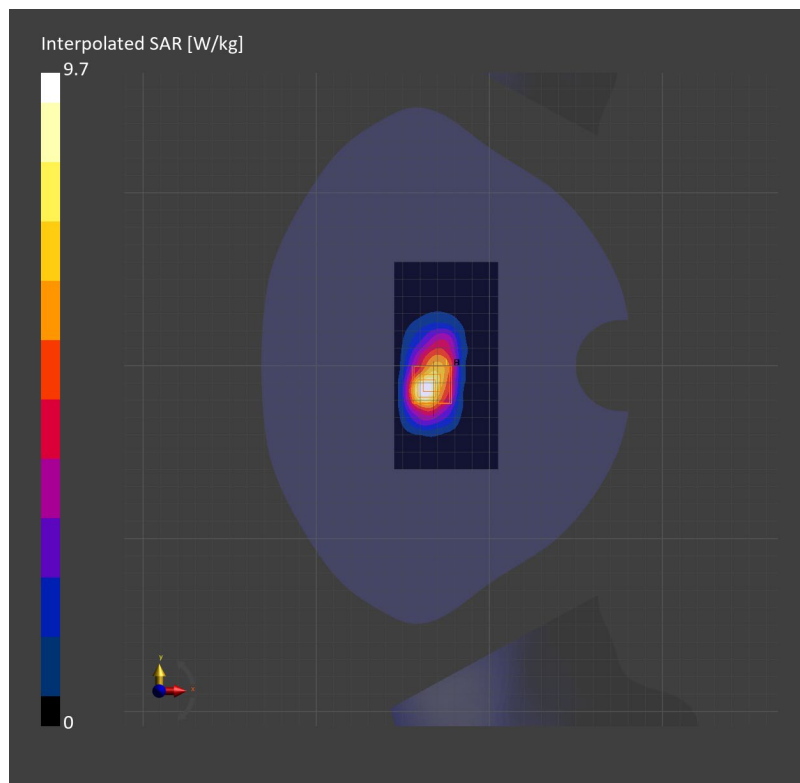
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.02 dB

SAR (1g) = 4.59 W/kg; SAR (10g) = 1.97 W/kg;

M2/M1 [%]=41.5

Dist 3dB Peak [mm]=7.2



V2446 5G NR N2 20M QPSK 1RB104 372000CH Right cheek Ant13**V2446**

Communication System: Band n2; Frequency: 1860.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1860.000$ MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 40.4$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.86, 7.86, 7.86); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.402 W/kg; SAR (10g) = 0.226 W/kg;

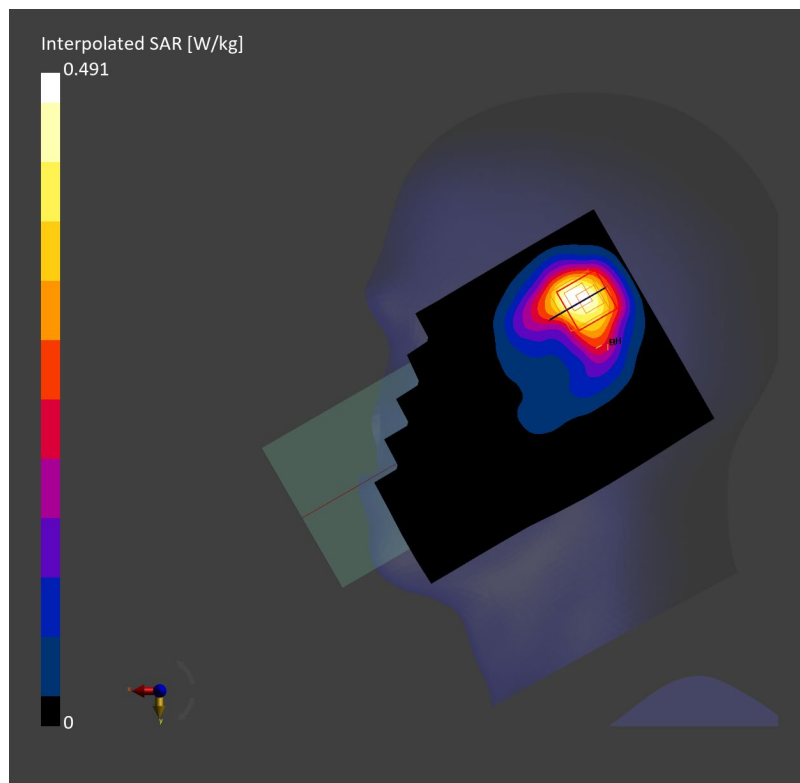
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.01 dB

SAR (1g) = 0.488 W/kg; SAR (10g) = 0.242 W/kg;

M2/M1 [%]=55.6

Dist 3dB Peak [mm]=9.7



V2446 5G NR N2 20M QPSK 1RB1 380000CH Bask side 15mm Ant13**V2446**

Communication System: Band n2; Frequency: 1900.000

Medium: Head Simulating Liquid. Medium parameters used: $f=1900.000$ MHz; $\sigma=1.40$ S/m; $\epsilon_r=40.4$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.86, 7.86, 7.86); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.610 W/kg; SAR (10g) = 0.347 W/kg;

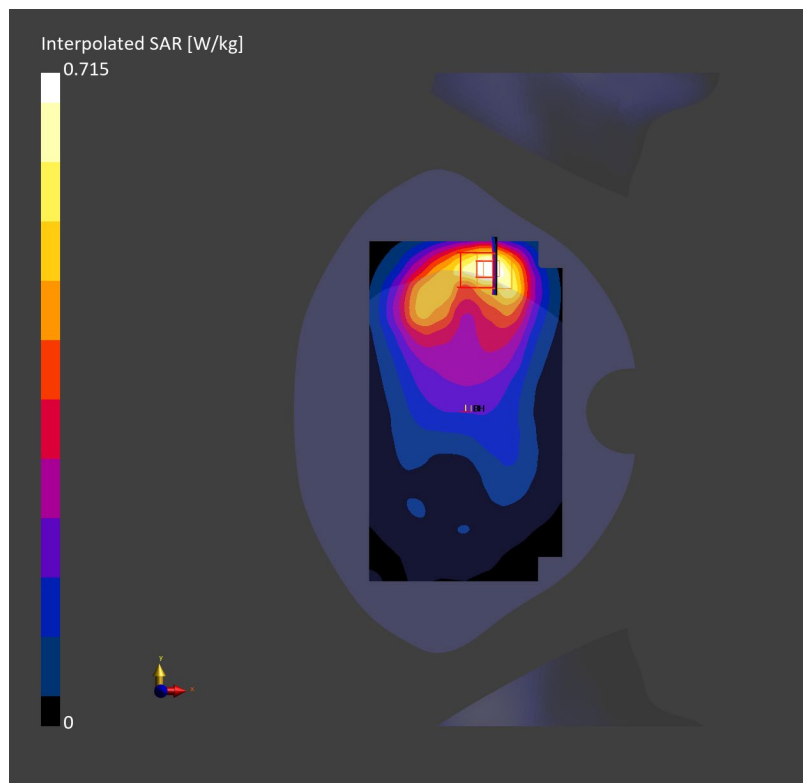
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 0.612 W/kg; SAR (10g) = 0.327 W/kg;

M2/M1 [%]=81.6

Dist 3dB Peak [mm]=13.3



V2446 5G NR N2 20M QPSK 50RB28 376000CH Back side 10mm Ant31**V2446**

Communication System: Band n2; Frequency: 1880.000

Medium: Head Simulating Liquid. Medium parameters used: $f=1880.000$ MHz; $\sigma=1.40$ S/m; $\epsilon_r=40.4$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.86, 7.86, 7.86); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.322 W/kg; SAR (10g) = 0.183 W/kg;

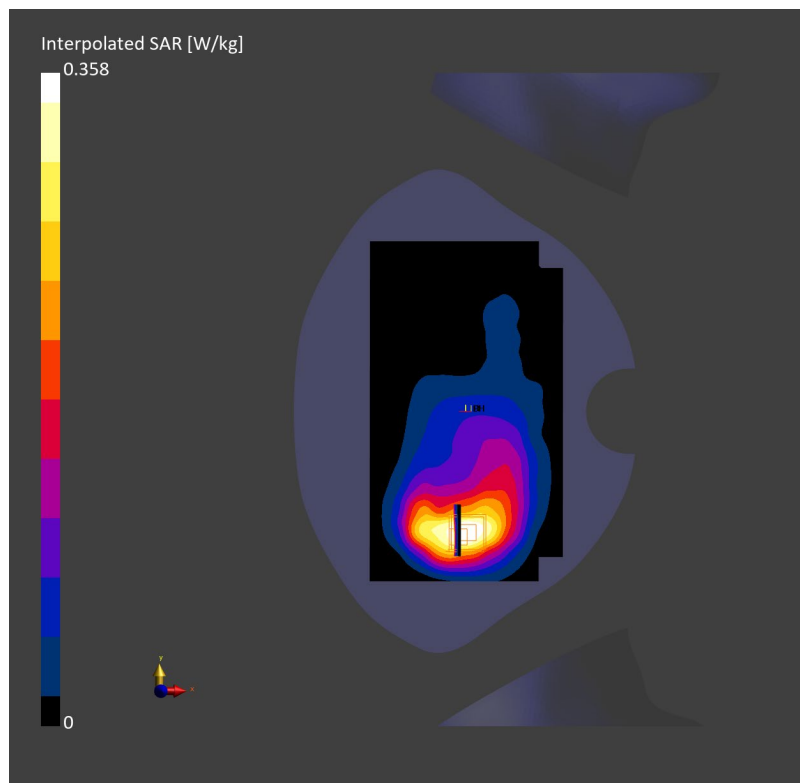
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.10 dB

SAR (1g) = 0.345 W/kg; SAR (10g) = 0.199 W/kg;

M2/M1 [%]=57.6

Dist 3dB Peak [mm]=12.5



V2446 5G NR N2 20M QPSK 50RB28 372000CH Top side 0mm Ant13**V2446**

Communication System: Band n2; Frequency: 1860.000

Medium: Head Simulating Liquid. Medium parameters used: $f=1860.000$ MHz; $\sigma=1.39$ S/m; $\epsilon_r=40.4$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.86, 7.86, 7.86); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 3.55 W/kg; SAR (10g) = 1.60 W/kg;

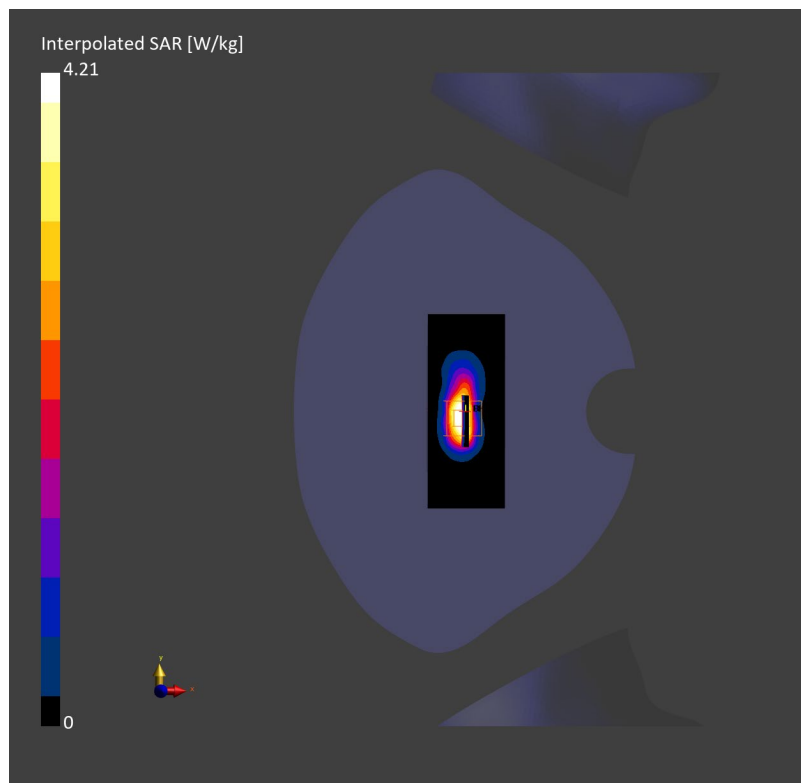
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.07 dB

SAR (1g) = 3.95 W/kg; SAR (10g) = 1.50 W/kg;

M2/M1 [%]=39.7

Dist 3dB Peak [mm]=9.8



V2446 5G NR N7 50M QPSK 135RB67 505000CH Right tilted Ant13**V2446**

Communication System: Band n7; Frequency: 2525.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2525.000$ MHz; $\sigma = 1.86$ S/m; $\epsilon_r = 37.8$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.5, 7.5, 7.5); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.552 W/kg; SAR (10g) = 0.229 W/kg;

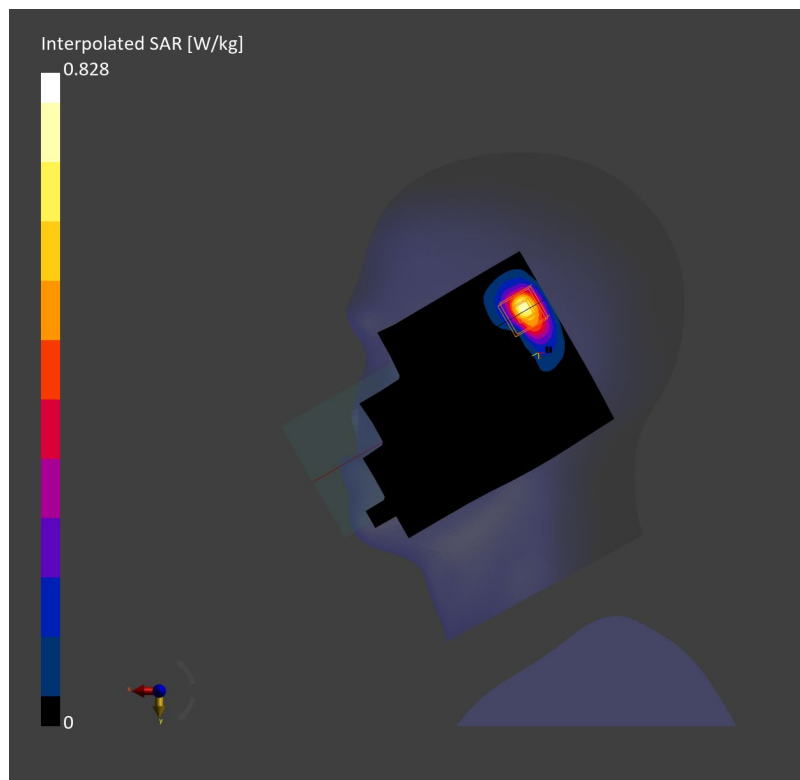
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.15 dB

SAR (1g) = 0.547 W/kg; SAR (10g) = 0.224 W/kg;

M2/M1 [%]=77.6

Dist 3dB Peak [mm]=9.0



V2446 5G NR N7 50M QPSK 135RB67 507000CH Back side 15mm Ant13**V2446**

Communication System: Band n7; Frequency: 2535.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2535.000$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 37.8$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.5, 7.5, 7.5); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.667 W/kg; SAR (10g) = 0.323 W/kg;

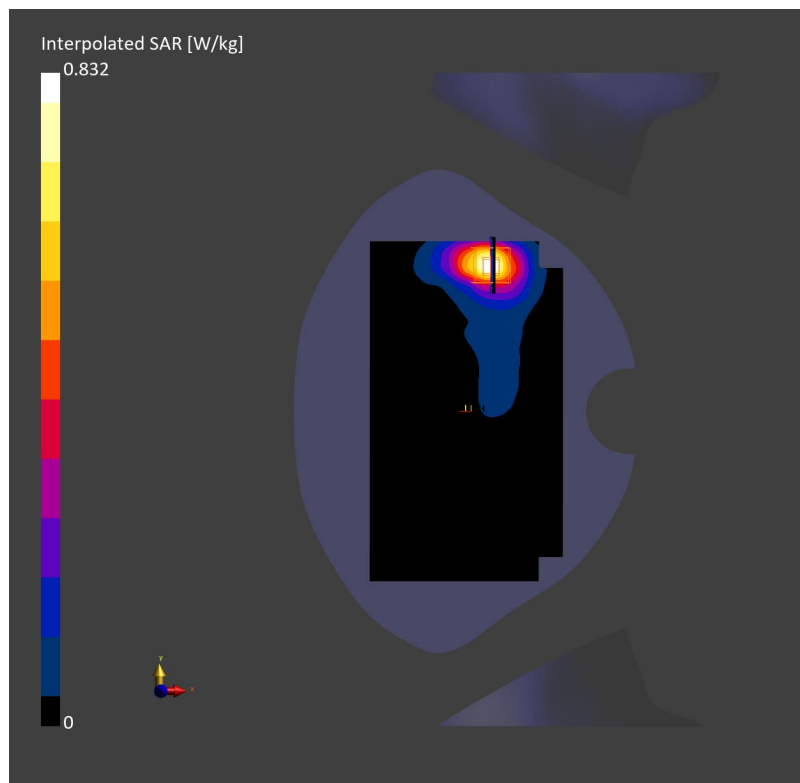
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.03 dB

SAR (1g) = 0.660 W/kg; SAR (10g) = 0.324 W/kg;

M2/M1 [%]=79.7

Dist 3dB Peak [mm]=11.0



V2446 5G NR N7 50M QPSK 1RB135 507000CH Top side 10mm Ant13**V2446**

Communication System: Band n7; Frequency: 2535.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2535.000$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 37.8$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.5, 7.5, 7.5); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.385 W/kg; SAR (10g) = 0.172 W/kg;

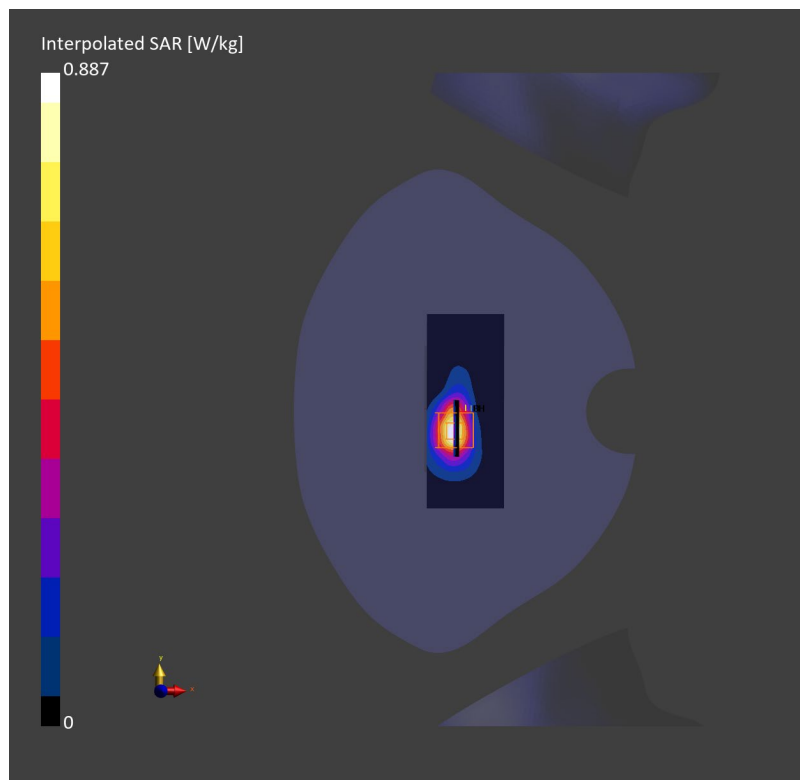
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.02 dB

SAR (1g) = 0.401 W/kg; SAR (10g) = 0.176 W/kg;

M2/M1 [%]=77.2

Dist 3dB Peak [mm]=9.1



V2446 5G NR N7 50M QPSK 135RB67 509000CH Left side 0mm Ant11**V2446**

Communication System: Band n7; Frequency: 2545.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2545.000$ MHz; $\sigma = 1.86$ S/m; $\epsilon_r = 40.3$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.5, 7.5, 7.5); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 5.17 W/kg; SAR (10g) = 1.96 W/kg;

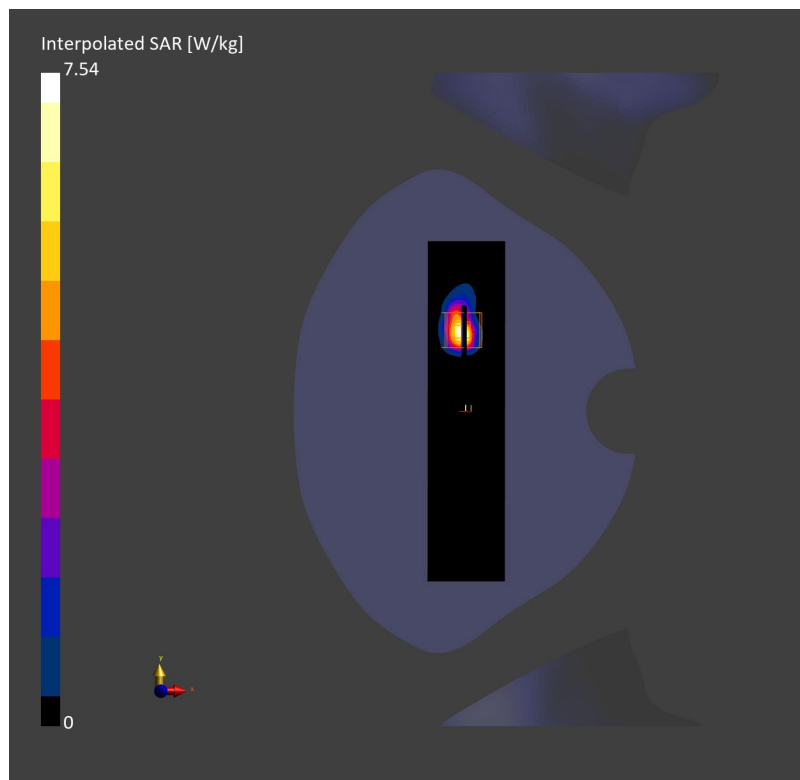
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.07 dB

SAR (1g) = 5.92 W/kg; SAR (10g) = 1.94 W/kg;

M2/M1 [%]=65.4

Dist 3dB Peak [mm]=9.4



V2446 5G NR N26 20M QPSK 50RB28 167800CH Right cheek Ant13**V2446**

Communication System: Band n26; Frequency: 839.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 839.000$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 42.9$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(9.6, 9.6, 9.6); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.439 W/kg; SAR (10g) = 0.286 W/kg;

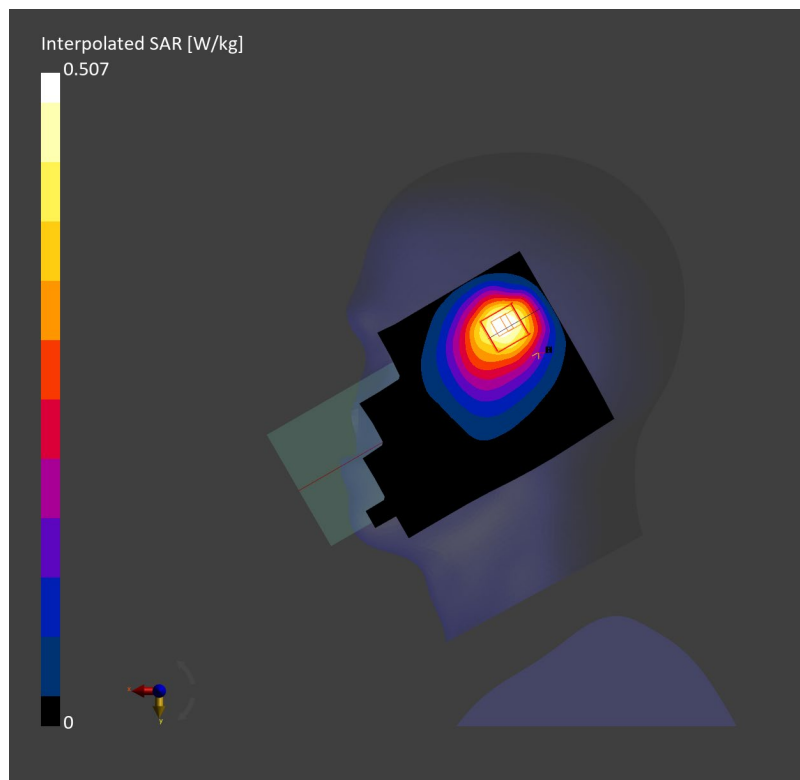
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.04 dB

SAR (1g) = 0.461 W/kg; SAR (10g) = 0.277 W/kg;

M2/M1 [%]=75.9

Dist 3dB Peak [mm]=7.3



V2446 5G NR N26 20M QPSK 50RB28 166300CH Back side 15mm Ant31**V2446**

Communication System: Band n26; Frequency: 831.500

Medium: Head Simulating Liquid. Medium parameters used: $f = 831.500$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 42.9$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(9.6, 9.6, 9.6); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.147 W/kg; SAR (10g) = 0.098 W/kg;

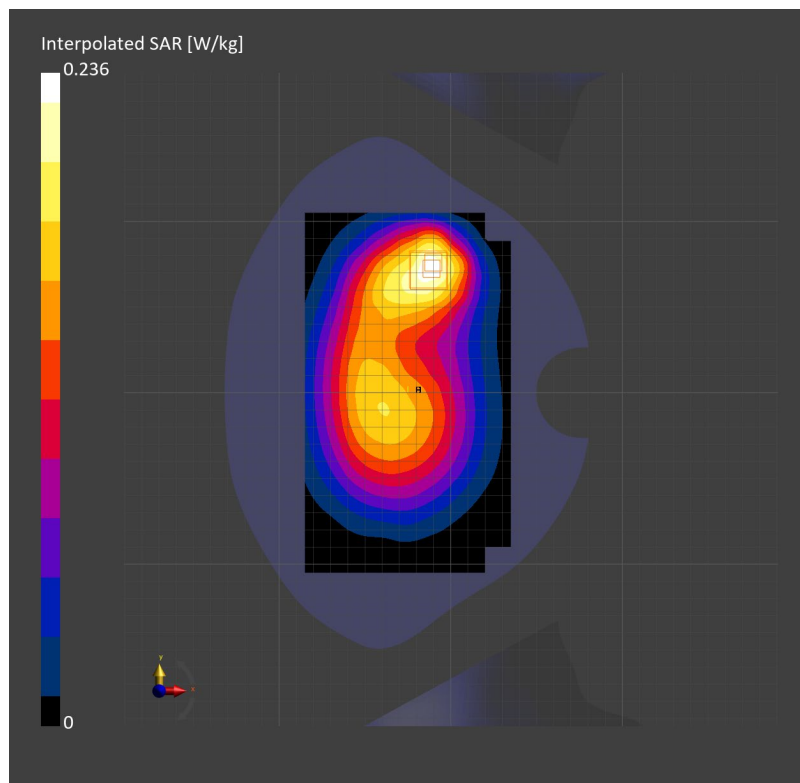
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.02 dB

SAR (1g) = 0.146 W/kg; SAR (10g) = 0.095 W/kg;

M2/M1 [%]=61.8

Dist 3dB Peak [mm]=16.0



V2446 5G NR N26 20M QPSK 50RB28 166300CH Back side 10mm Ant13**V2446**

Communication System: Band n26; Frequency: 831.500

Medium: Head Simulating Liquid. Medium parameters used: $f = 831.500$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 42.9$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(9.6, 9.6, 9.6); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.321 W/kg; SAR (10g) = 0.207 W/kg;

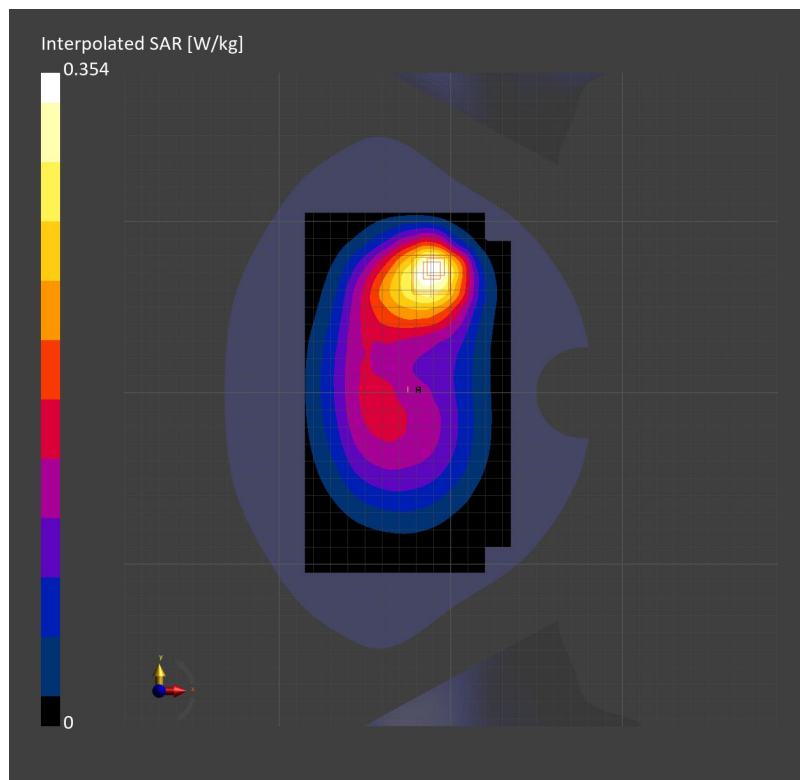
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.00 dB

SAR (1g) = 0.314 W/kg; SAR (10g) = 0.196 W/kg;

M2/M1 [%]=54.4

Dist 3dB Peak [mm]=11.6



V2446 5G NR N41 100M QPSK 135RB69 528000CH Right tilted Ant13**V2446**

Communication System: Band n41; Frequency: 2640.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2640.000$ MHz; $\sigma = 1.96$ S/m; $\epsilon_r = 40.0$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.33, 7.33, 7.33); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.640 W/kg; SAR (10g) = 0.300 W/kg;

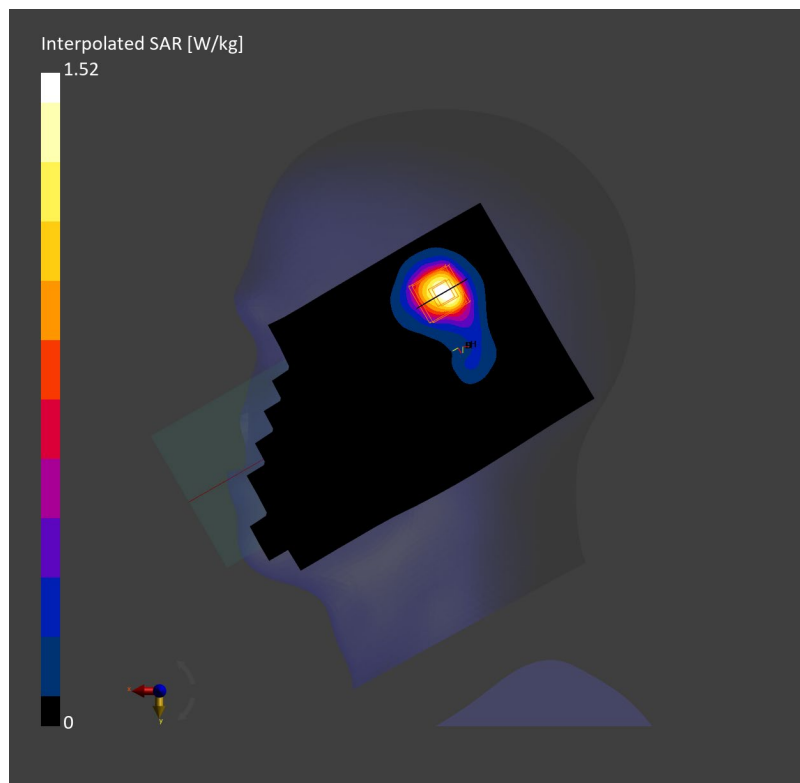
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = -0.03 dB

SAR (1g) = 0.657 W/kg; SAR (10g) = 0.285 W/kg;

M2/M1 [%]=39.4

Dist 3dB Peak [mm]=8.3



V2446 5G NR N41 100M QPSK 1RB1 528000CH Back side 15mm Ant11**V2446**

Communication System: Band n41; Frequency: 2640.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2640.000$ MHz; $\sigma = 1.96$ S/m; $\epsilon_r = 40.0$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.33, 7.33, 7.33); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.581 W/kg; SAR (10g) = 0.280 W/kg;

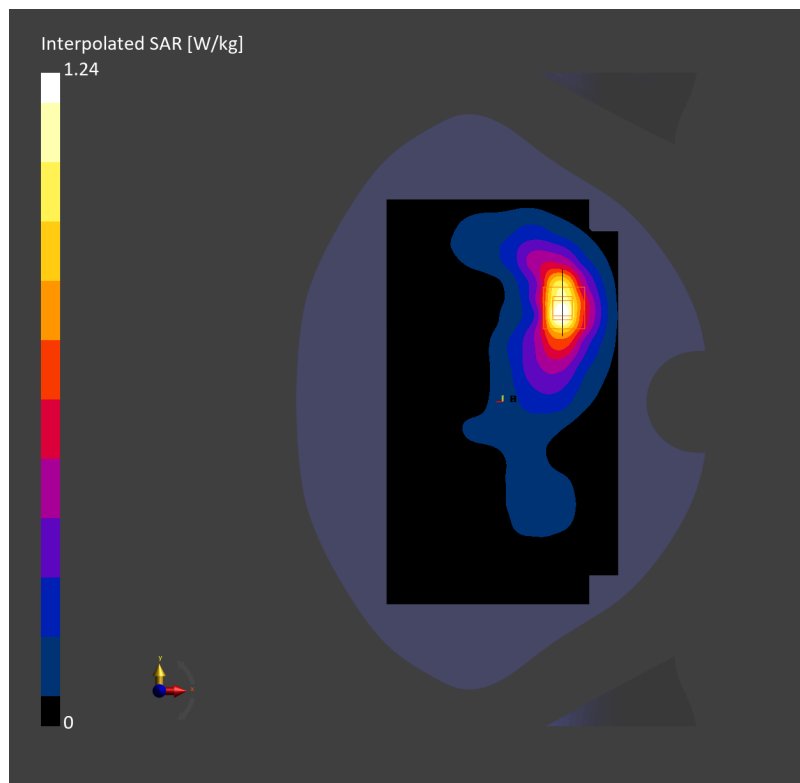
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.08 dB

SAR (1g) = 0.611 W/kg; SAR (10g) = 0.294 W/kg;

M2/M1 [%]=79.3

Dist 3dB Peak [mm]=10.0



V2446 5G NR N41 100M QPSK 135RB69 528000CH Left side 10mm Ant11**V2446**

Communication System: Band n41; Frequency: 2640.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2640.000$ MHz; $\sigma = 1.96$ S/m; $\epsilon_r = 40.0$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.33, 7.33, 7.33); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (48.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.518 W/kg; SAR (10g) = 0.233 W/kg;

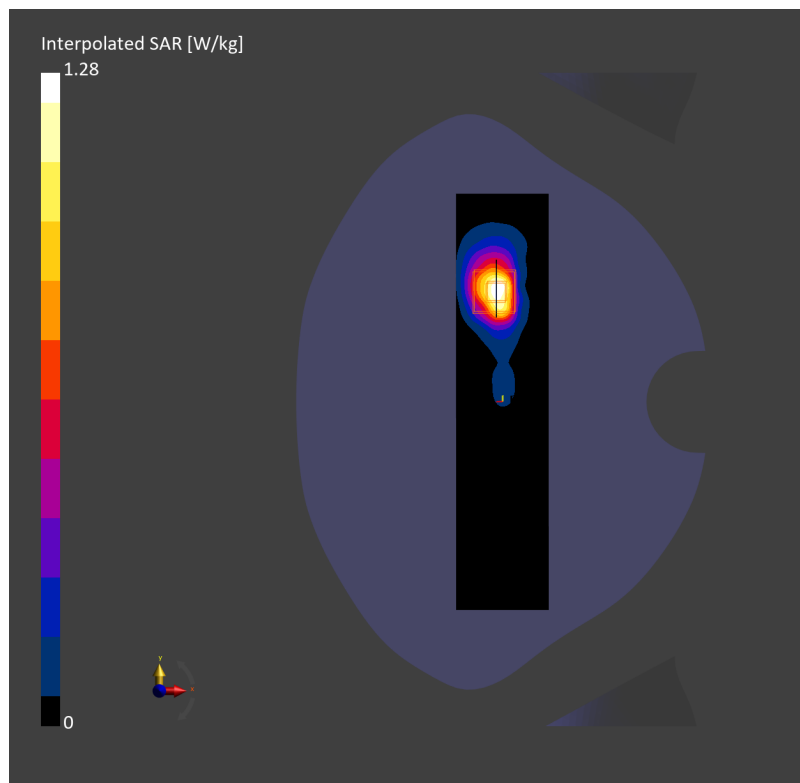
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = -0.10 dB

SAR (1g) = 0.586 W/kg; SAR (10g) = 0.243 W/kg;

M2/M1 [%]=46.1

Dist 3dB Peak [mm]==9.0



V2446 5G NR N41 100M QPSK 135RB69 528000CH Top side 0mm Ant13**V2446**

Communication System: Band n41; Frequency: 2640.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2640.000$ MHz; $\sigma = 1.96$ S/m; $\epsilon_r = 40.0$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.33, 7.33, 7.33); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 7.33 W/kg; SAR (10g) = 2.65 W/kg;

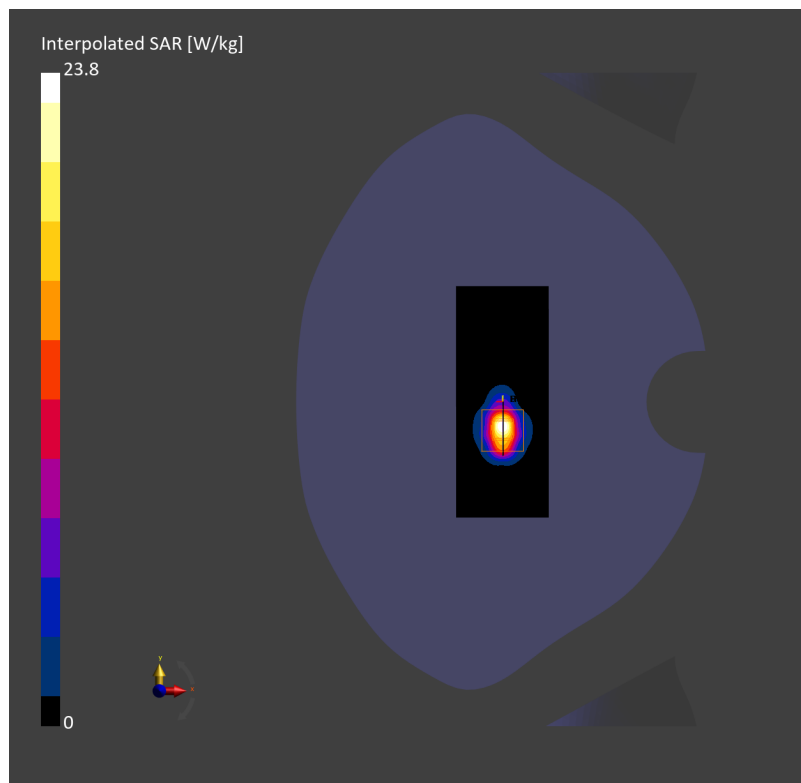
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.14 dB

SAR (1g) = 7.56 W/kg; SAR (10g) = 2.51 W/kg;

M2/M1 [%]=37.9

Dist 3dB Peak [mm]=9.2



V2446 5G NR N66 40M QPSK 108RB54 352000CH Right cheek Ant11 M15**V2446**

Communication System: Band n66; Frequency: 1760.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1760.000$ MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 40.5$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(8.19, 8.19, 8.19); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.553 W/kg; SAR (10g) = 0.305 W/kg;

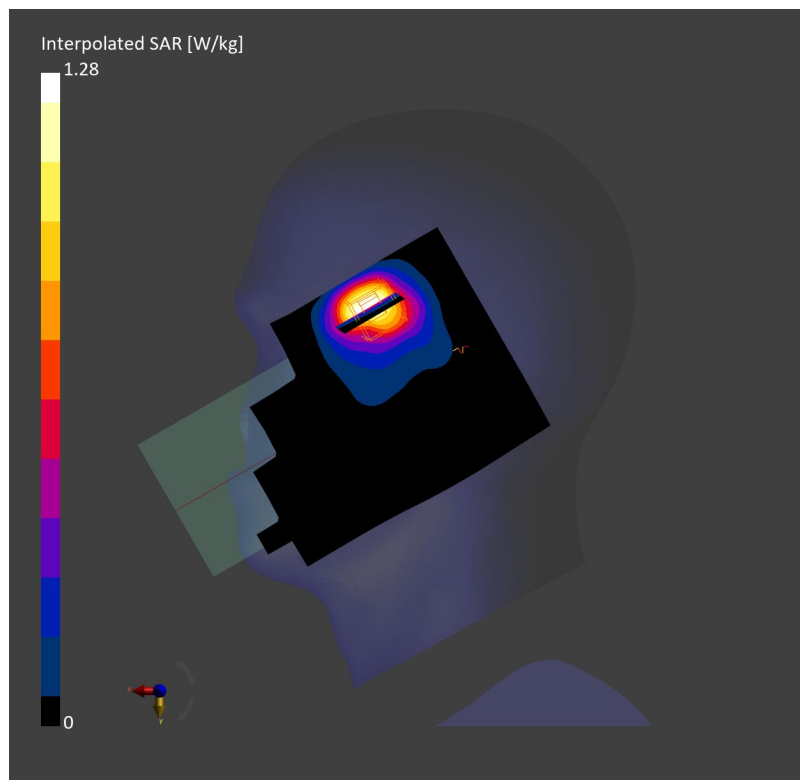
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.13 dB

SAR (1g) = 0.626 W/kg; SAR (10g) = 0.307 W/kg;

M2/M1 [%]=79.9

Dist 3dB Peak [mm]=10.2



V2446 5G NR N66 40M QPSK 1RB108 352000CH Back side 15mm Ant13**V2446**

Communication System: Band n66; Frequency: 1760.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1760.000$ MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 40.5$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(8.19, 8.19, 8.19); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.343 W/kg; SAR (10g) = 0.208 W/kg;

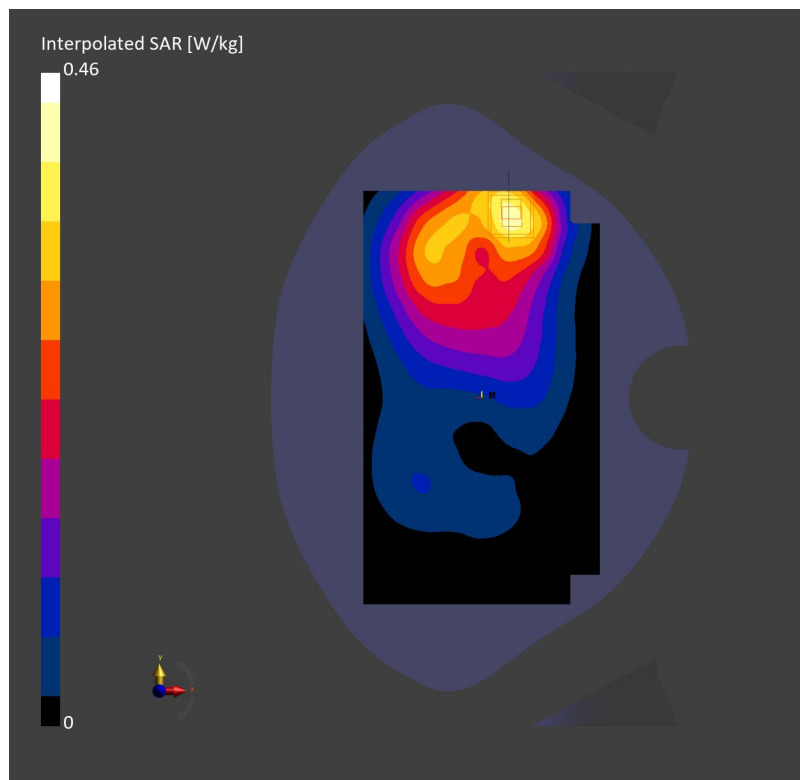
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.03 dB

SAR (1g) = 0.348 W/kg; SAR (10g) = 0.210 W/kg;

M2/M1 [%]=81.8

Dist 3dB Peak [mm]=14.5



V2446 5G NR N66 40M QPSK 1RB108 352000CH Top side 10mm Ant13**V2446**

Communication System: Band n66; Frequency: 1760.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1760.000$ MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 40.5$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(8.19, 8.19, 8.19); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (60.0 mm x 120.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.312 W/kg; SAR (10g) = 0.169 W/kg;

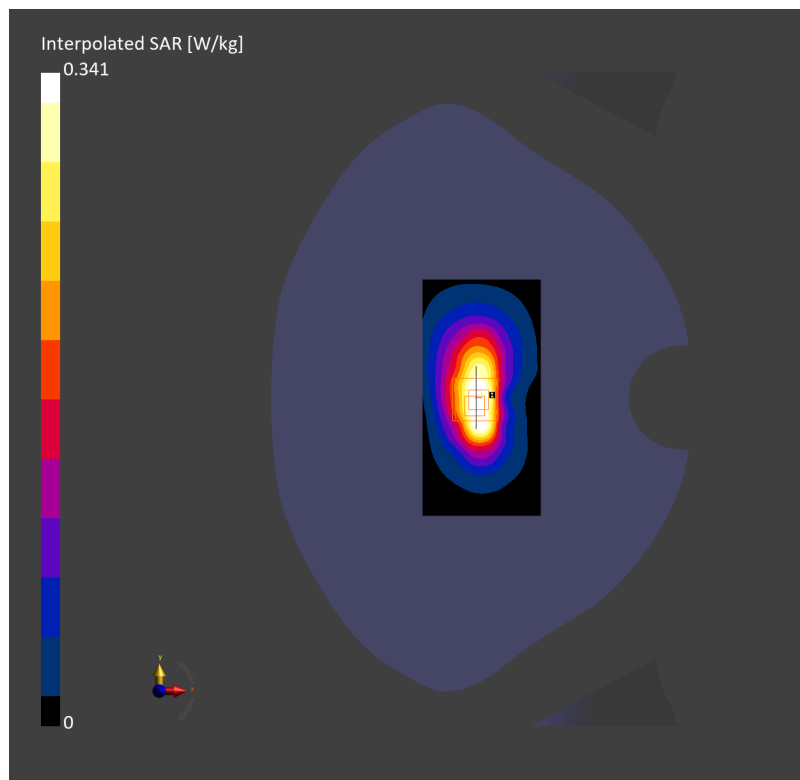
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.00 dB

SAR (1g) = 0.353 W/kg; SAR (10g) = 0.185 W/kg;

M2/M1 [%]=55.2

Dist 3dB Peak [mm]=8.2



V2446 5G NR N66 40M QPSK 108RB54 346000CH Top side 0mm Ant13

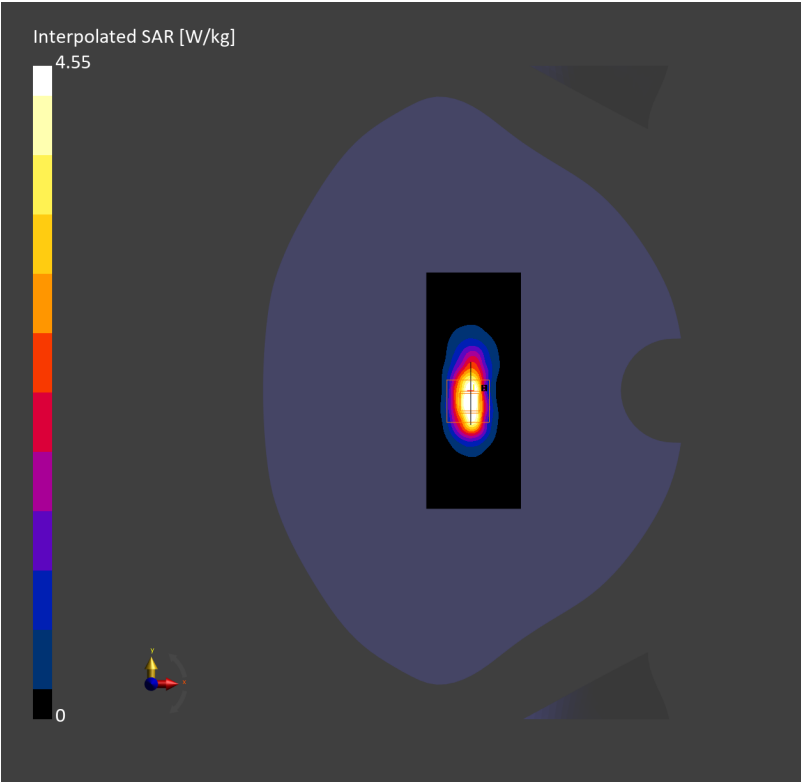
V2446

Communication System: Band n66; Frequency: 1730.000
Medium: Head Simulating Liquid. Medium parameters used: $f=1730.000$ MHz; $\sigma=1.37$ S/m; $\epsilon_r=40.6$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(8.19, 8.19, 8.19); Calibrated: 2024-08-29
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (45.0 mm x 120.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 3.79 W/kg; SAR (10g) = 1.68 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm
Power Drift = -0.03 dB
SAR (1g) = 3.95 W/kg; SAR (10g) = 1.54 W/kg;
M2/M1 [%]=35.0
Dist 3dB Peak [mm]=9.8



V2446 5G NR N77 100M QPSK 1RB1 650000CH Left cheek Ant21 M13**V2446**

Communication System: Band n77; Frequency: 3750.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 3750.000$ MHz; $\sigma = 3.28$ S/m; $\epsilon_r = 37.4$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(6.48, 6.48, 6.48); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.637 W/kg; SAR (10g) = 0.264 W/kg;

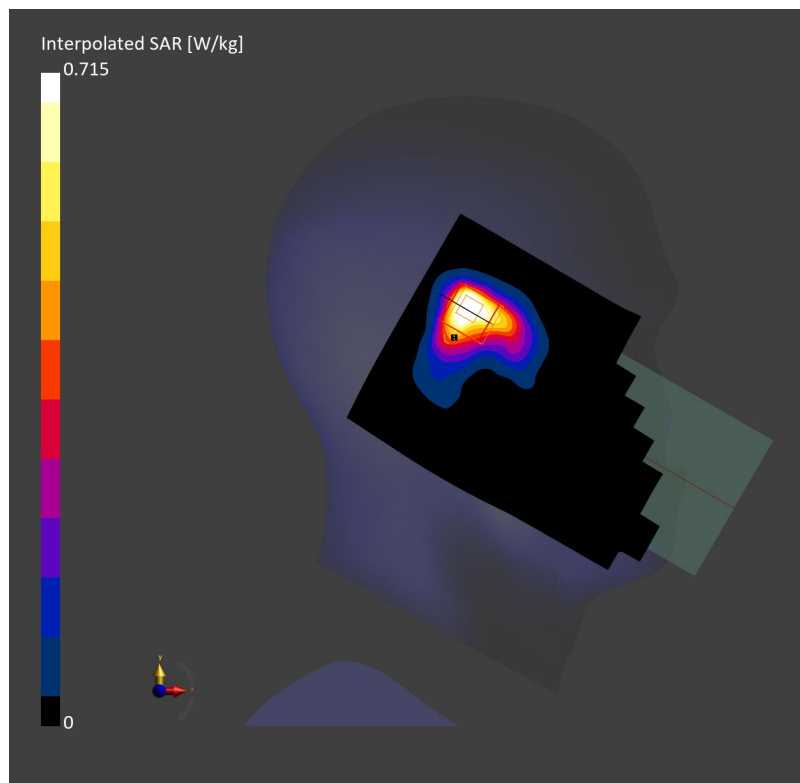
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

Power Drift = -0.16 dB

SAR (1g) = 0.631 W/kg; SAR (10g) = 0.235 W/kg;

M2/M1 [%]=72.7

Dist 3dB Peak [mm]=8.1



V2446 5G NR N77 100M QPSK 1RB1 657200CH Back side 15mm Ant11**V2446**

Communication System: Band n77; Frequency: 3858.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 3858.000$ MHz; $\sigma = 3.40$ S/m; $\epsilon_r = 37.0$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(6.4, 6.4, 6.4); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.424 W/kg; SAR (10g) = 0.188 W/kg;

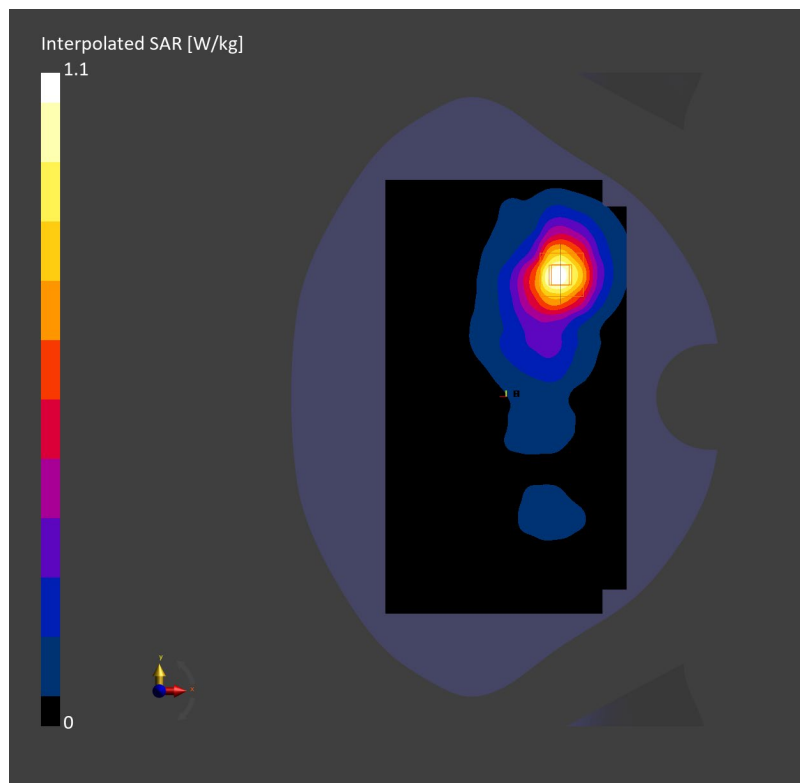
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

Power Drift = -0.07 dB

SAR (1g) = 0.442 W/kg; SAR (10g) = 0.191 W/kg;

M2/M1 [%]=72.5

Dist 3dB Peak [mm]=13.0



V2446 5G NR N77 100M QPSK 1RB271 659600CH Right side 10mm Ant23**V2446**

Communication System: Band n77; Frequency: 3894.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 3894.000$ MHz; $\sigma = 3.21$ S/m; $\epsilon_r = 36.3$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(6.4, 6.4, 6.4); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (48.0 mm x 216.0 mm): Measurement Grid: 8.0 mm x 8.0 mm

SAR (1g) = 0.638 W/kg; SAR (10g) = 0.250 W/kg;

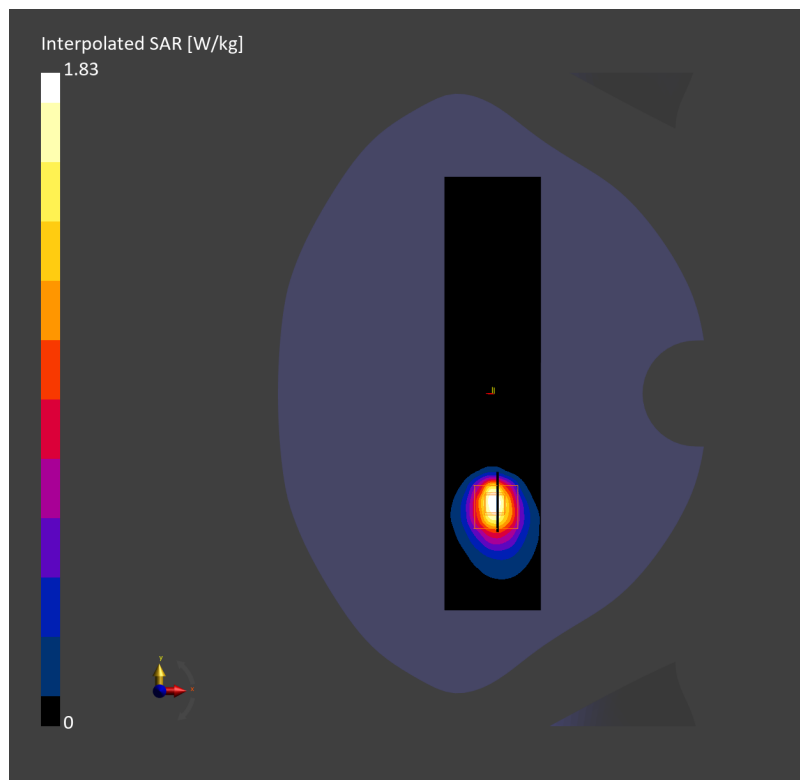
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = -0.00 dB

SAR (1g) = 0.679 W/kg; SAR (10g) = 0.246 W/kg;

M2/M1 [%]=32.3

Dist 3dB Peak [mm]=9.1



V2446 5G NR N77 100M QPSK 1RB137 662000CH Right side 0mm Ant23**V2446**

Communication System: Band n77; Frequency: 3930.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 3930.000$ MHz; $\sigma = 3.25$ S/m; $\epsilon_r = 36.2$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(6.4, 6.4, 6.4); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (48.0 mm x 216.0 mm): Measurement Grid: 8.0 mm x 8.0 mm

SAR (1g) = 6.73 W/kg; SAR (10g) = 1.73 W/kg;

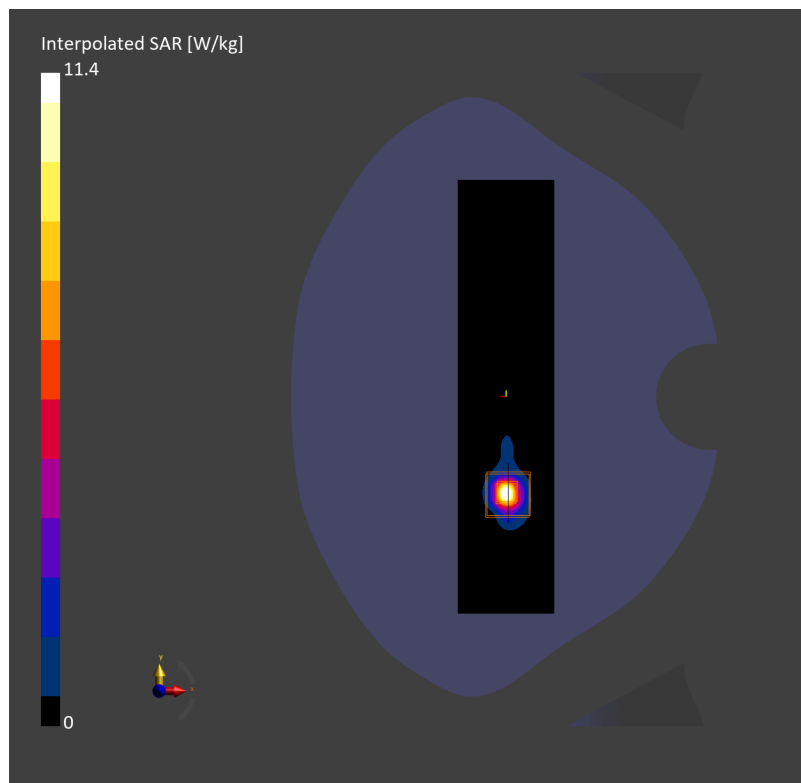
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = -0.00 dB

SAR (1g) = 6.27 W/kg; SAR (10g) = 1.55 W/kg;

M2/M1 [%]=34.7

Dist 3dB Peak [mm]=9.0



V2446 5G NR N78 100M QPSK 1RB1 650000CH Left cheek Ant23**V2446**

Communication System: Band n78; Frequency: 3750.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 3750.000$ MHz; $\sigma = 3.28$ S/m; $\epsilon_r = 37.4$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(6.48, 6.48, 6.48); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.541 W/kg; SAR (10g) = 0.217 W/kg;

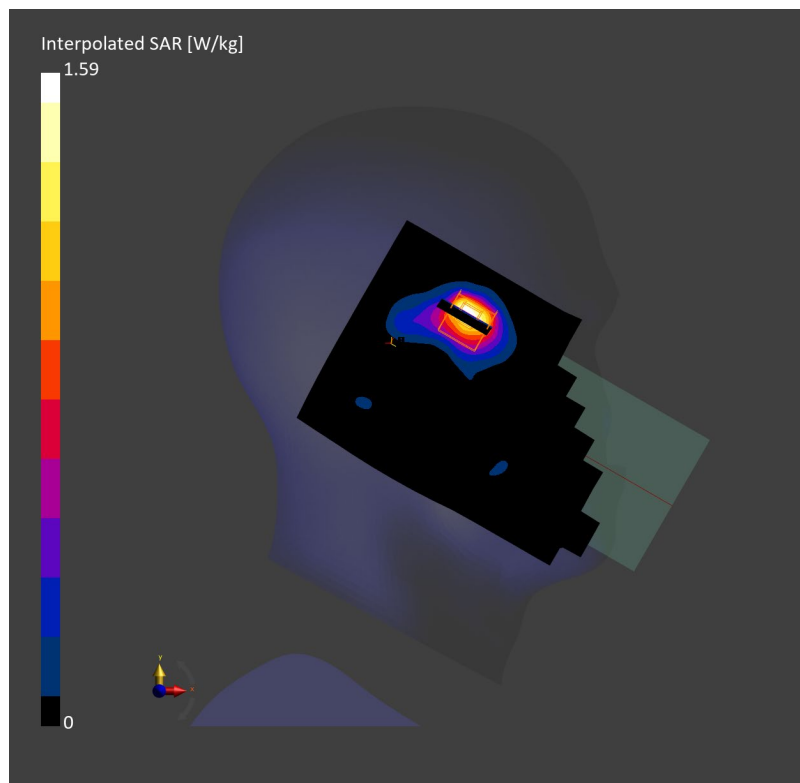
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.09 dB

SAR (1g) = 0.565 W/kg; SAR (10g) = 0.203 W/kg;

M2/M1 [%]=37.7

Dist 3dB Peak [mm]=9.7



V2446 5G NR N78 100M QPSK 135RB69 633334CH Back side 15mm Ant11**V2446**

Communication System: Band n78; Frequency: 3500.010

Medium: Head Simulating Liquid. Medium parameters used: $f=3500.010$ MHz; $\sigma=2.82$ S/m; $\epsilon_r=37.7$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(6.7, 6.7, 6.7); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.573 W/kg; SAR (10g) = 0.276 W/kg;

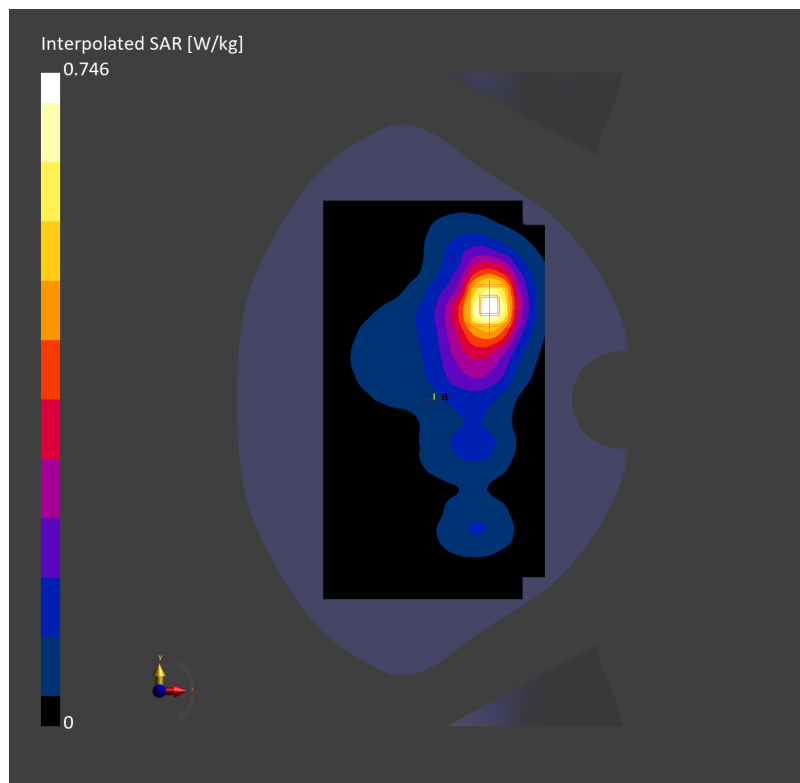
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = -0.07 dB

SAR (1g) = 0.634 W/kg; SAR (10g) = 0.283 W/kg;

M2/M1 [%]=38.6

Dist 3dB Peak [mm]=12.1



V2446 5G NR N78 100M QPSK 135RB69 633334CH Right side 10mm Ant23**V2446**

Communication System: Band n78; Frequency: 3500.010

Medium: Head Simulating Liquid. Medium parameters used: $f = 3500.010$ MHz; $\sigma = 2.82$ S/m; $\epsilon_r = 37.7$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(6.7, 6.7, 6.7); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (48.0 mm x 216.0 mm): Measurement Grid: 8.0 mm x 8.0 mm

SAR (1g) = 0.511 W/kg; SAR (10g) = 0.224 W/kg;

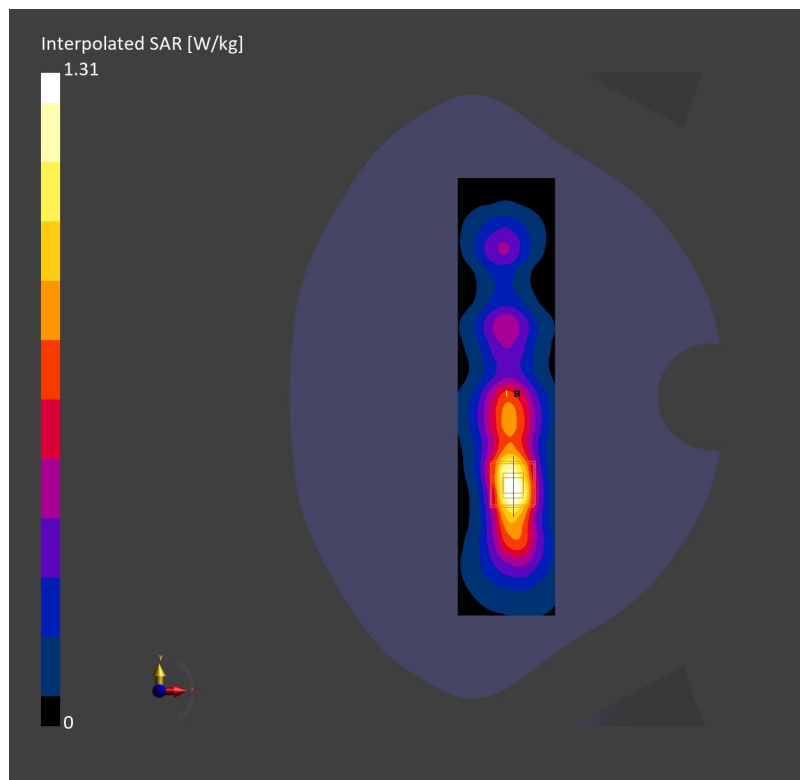
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = -0.07 dB

SAR (1g) = 0.531 W/kg; SAR (10g) = 0.217 W/kg;

M2/M1 [%]=35.2

Dist 3dB Peak [mm]=9.0



V2446 5G NR N78 100M QPSK 135RB69 633334CH Back side 0mm Ant11**V2446**

Communication System: Band n78; Frequency: 3500.010

Medium: Head Simulating Liquid. Medium parameters used: $f = 3500.010$ MHz; $\sigma = 2.82$ S/m; $\epsilon_r = 37.7$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(6.7, 6.7, 6.7); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 2.15 W/kg; SAR (10g) = 0.825 W/kg;

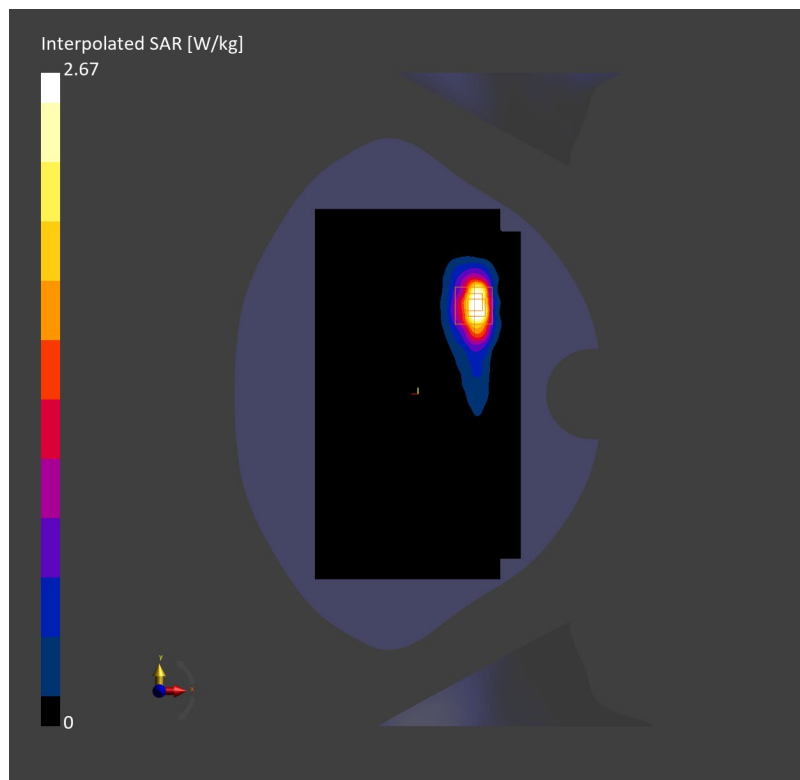
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = -0.01 dB

SAR (1g) = 2.72 W/kg; SAR (10g) = 0.877 W/kg;

M2/M1 [%]=38.6

Dist 3dB Peak [mm]=9.0



V2446 WIFI 2.4G 802.11b 6CH Left cheek Ant22**V2446**

Communication System: WLAN 2.4GHz; Frequency: 2437.000

Medium: Head Simulating Liquid. Medium parameters used: $f=2437.000$ MHz; $\sigma=1.79$ S/m; $\epsilon_r=40.2$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.5, 7.5, 7.5); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.541 W/kg; SAR (10g) = 0.270 W/kg;

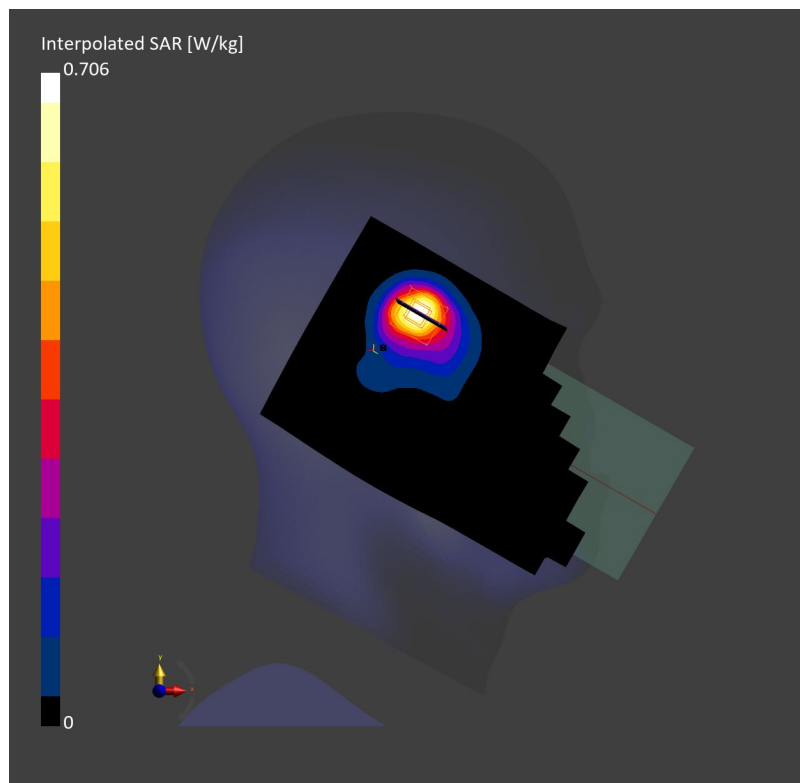
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = -0.08 dB

SAR (1g) = 0.546 W/kg; SAR (10g) = 0.261 W/kg;

M2/M1 [%]=50.2

Dist 3dB Peak [mm]=10.7



V2446 WIFI 2.4G 802.11b 6CH Back side 15mm Ant22**V2446**

Communication System: WLAN 2.4GHz; Frequency: 2437.000

Medium: Head Simulating Liquid. Medium parameters used: $f=2437.000$ MHz; $\sigma=1.79$ S/m; $\epsilon_r=40.2$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.5, 7.5, 7.5); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.110 W/kg; SAR (10g) = 0.059 W/kg;

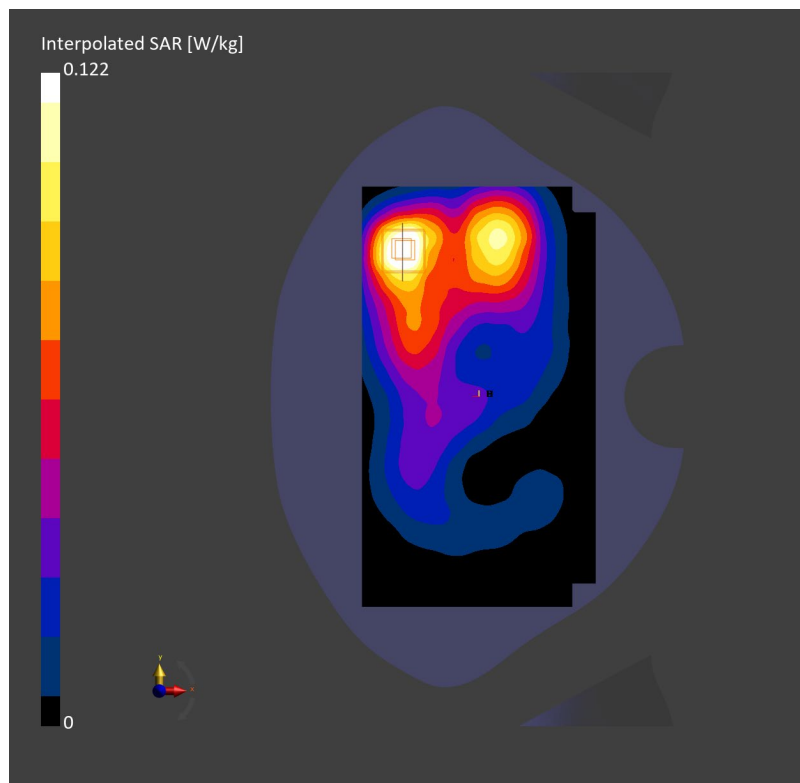
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = -0.06 dB

SAR (1g) = 0.109 W/kg; SAR (10g) = 0.055 W/kg;

M2/M1 [%]=49.8

Dist 3dB Peak [mm]=13.5



V2446 WIFI 2.4G 802.11b 6CH Back side 10mm Ant22**V2446**

Communication System: WLAN 2.4GHz; Frequency: 2437.000

Medium: Head Simulating Liquid. Medium parameters used: $f=2437.000$ MHz; $\sigma=1.79$ S/m; $\epsilon_r=40.2$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.5, 7.5, 7.5); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.271 W/kg; SAR (10g) = 0.138 W/kg;

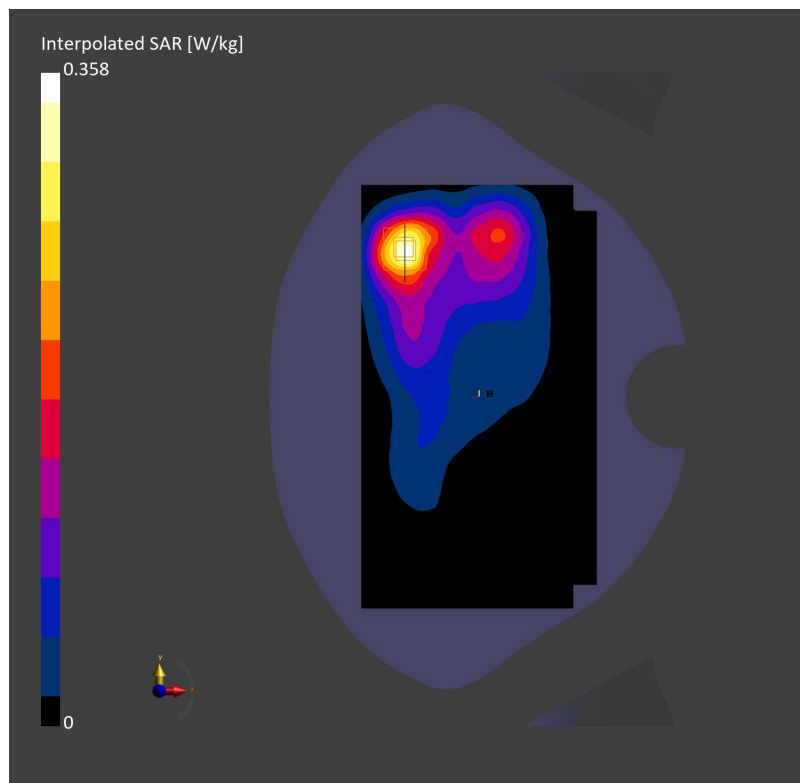
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.06 dB

SAR (1g) = 0.281 W/kg; SAR (10g) = 0.134 W/kg;

M2/M1 [%]=46.3

Dist 3dB Peak [mm]=11.8



V2446 WIFI 5G 802.11n HT40 54CH Left tilted Ant22**V2446**

Communication System: WLAN 5GHz; Frequency: 5270.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 5270.000$ MHz; $\sigma = 4.76$ S/m; $\epsilon_r = 36.5$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(5.21, 5.21, 5.21); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.368 W/kg; SAR (10g) = 0.121 W/kg;

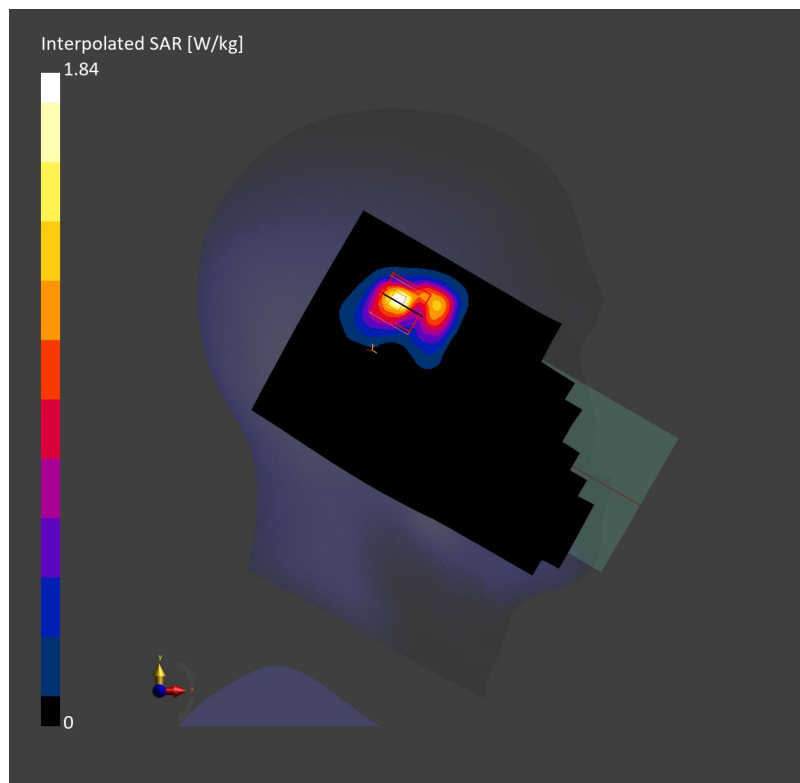
Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 2.0 mm

Power Drift = 0.06 dB

SAR (1g) = 0.428 W/kg; SAR (10g) = 0.117 W/kg;

M2/M1 [%]=53.2

Dist 3dB Peak [mm]=9.7



V2446 WIFI 5G 802.11n HT40 159CH Back side 15mm Ant22**V2446**

Communication System: WLAN 5GHz; Frequency: 5795.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 5795.000$ MHz; $\sigma = 5.32$ S/m; $\epsilon_r = 35.3$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(4.73, 4.73, 4.73); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

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) = 0.208 W/kg;

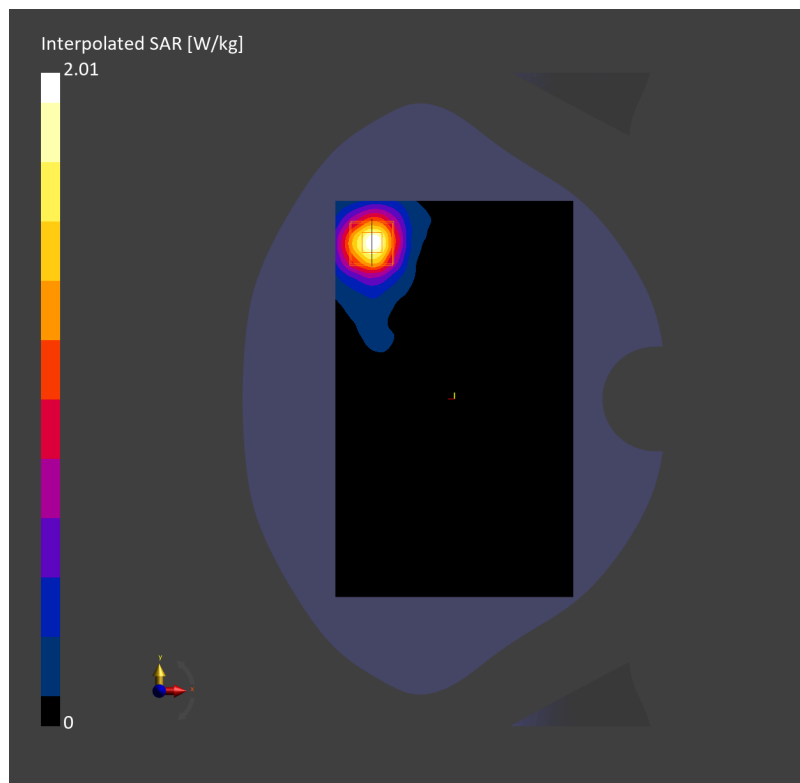
Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 2.0 mm

Power Drift = 0.01 dB

SAR (1g) = 0.552 W/kg; SAR (10g) = 0.202 W/kg;

M2/M1 [%]=49.8

Dist 3dB Peak [mm]=11.7



V2446 WIFI 5G 802.11ac VHT80 155CH Back side 10mm Ant22**V2446**

Communication System: WLAN 5GHz; Frequency: 5775.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 5775.000$ MHz; $\sigma = 5.33$ S/m; $\epsilon_r = 35.4$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(4.73, 4.73, 4.73); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 0.319 W/kg; SAR (10g) = 0.101 W/kg;

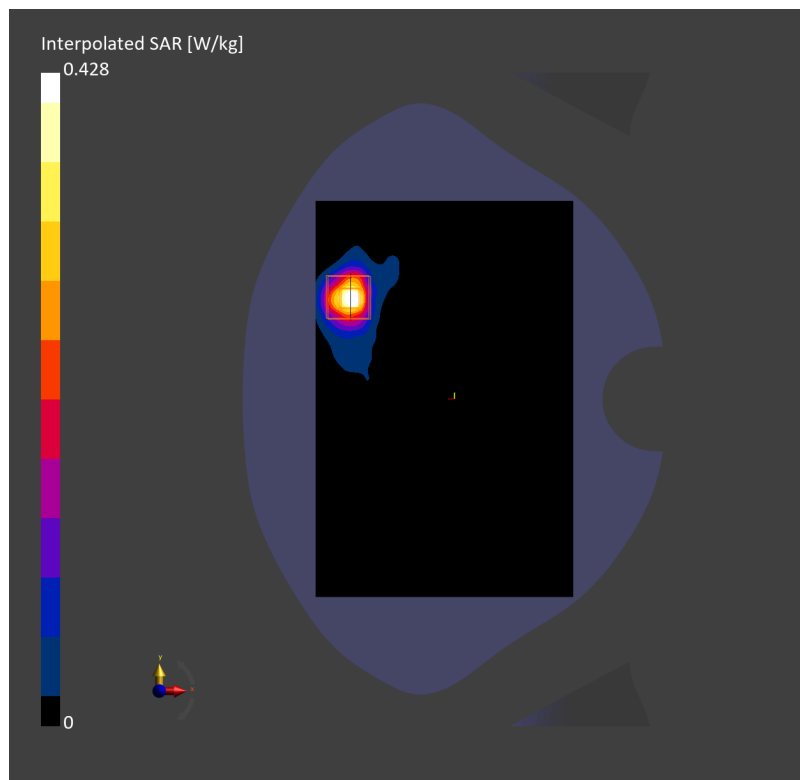
Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.06 dB

SAR (1g) = 0.284 W/kg; SAR (10g) = 0.081 W/kg;

M2/M1 [%]=59.6

Dist 3dB Peak [mm]=9.9



V2446 WIFI 5G 802.11a 132CH Back side 0mm Ant22**V2446**

Communication System: WLAN 5GHz; Frequency: 5660.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 5660.000$ MHz; $\sigma = 5.18$ S/m; $\epsilon_r = 35.6$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(4.6, 4.6, 4.6); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

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

SAR (1g) = 6.65 W/kg; SAR (10g) = 1.54 W/kg;

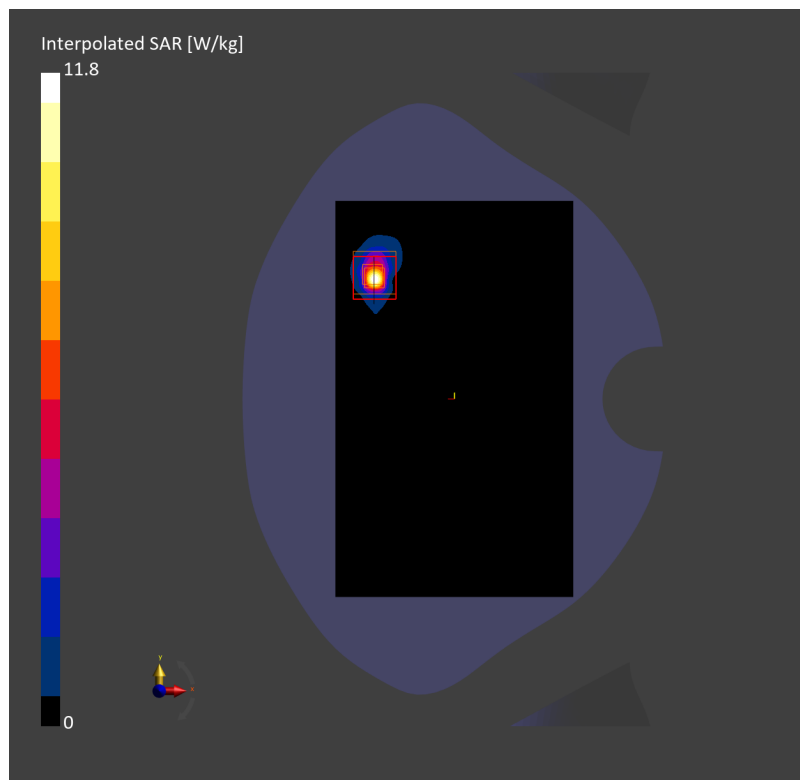
Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 2.0 mm

Power Drift = 0.02 dB

SAR (1g) = 7.58 W/kg; SAR (10g) = 1.51 W/kg;

M2/M1 [%]=46.8

Dist 3dB Peak [mm]=9.0



V2446 Bluetooth DH5 78CH Left cheek Ant22**V2446**

Communication System: ISM 2.4 GHz Band; Frequency: 2480.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2480.000$ MHz; $\sigma = 1.81$ S/m; $\epsilon_r = 40.2$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.13, 6.8, 7.01); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.342 W/kg; SAR (10g) = 0.176 W/kg;

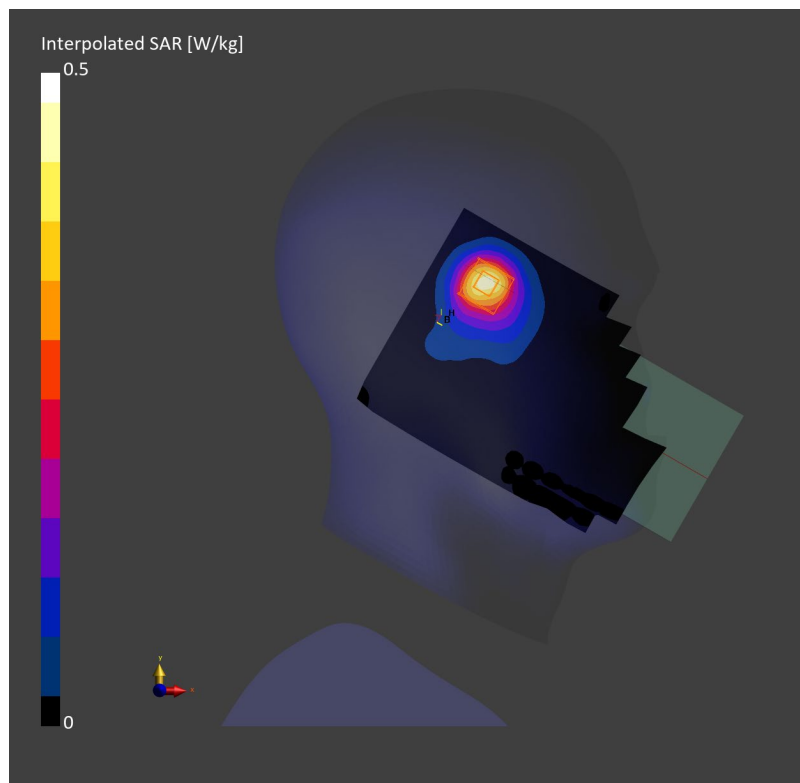
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.03 dB

SAR (1g) = 0.354 W/kg; SAR (10g) = 0.172 W/kg;

M2/M1 [%]=51.4

Dist 3dB Peak [mm]=12.4



V2446 Bluetooth DH5 78CH Back side 15mm Ant22**V2446**

Communication System: ISM 2.4 GHz Band; Frequency: 2480.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2480.000$ MHz; $\sigma = 1.81$ S/m; $\epsilon_r = 40.2$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.13, 6.8, 7.01); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.054 W/kg; SAR (10g) = 0.029 W/kg;

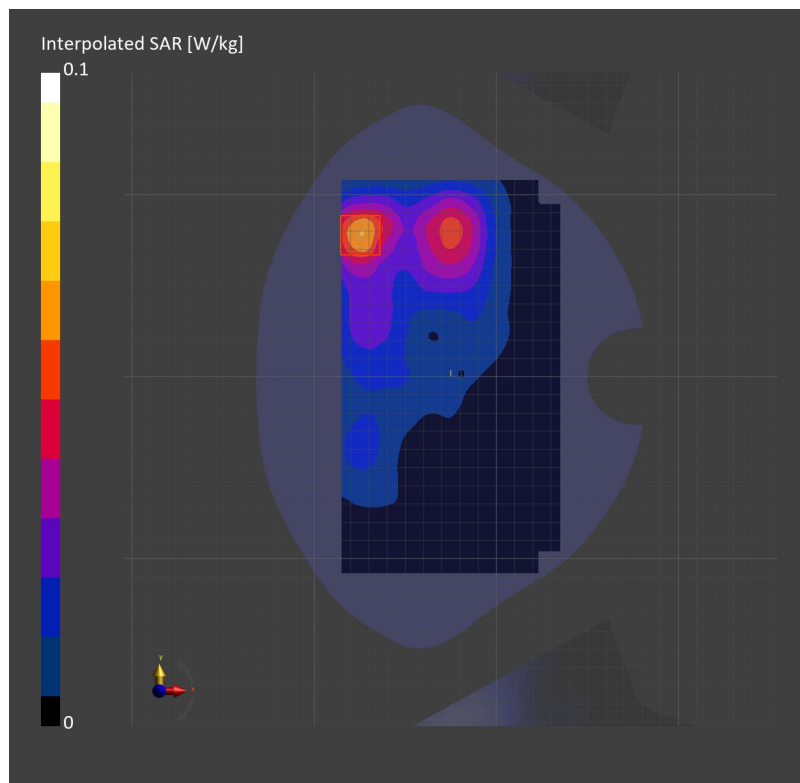
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.13 dB

SAR (1g) = 0.060 W/kg; SAR (10g) = 0.031 W/kg;

M2/M1 [%]=49.6

Dist 3dB Peak [mm]=14.1



V2446 Bluetooth DH5 78CH Back side 10mm Ant22

V2446

Communication System: ISM 2.4 GHz Band; Frequency: 2480.000
Medium: Head Simulating Liquid. Medium parameters used: $f=2480.000$ MHz; $\sigma=1.81$ S/m; $\epsilon_r=40.2$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(7.13, 6.8, 7.01); Calibrated: 2024-11-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.118 W/kg; SAR (10g) = 0.061 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 5.0 mm
Power Drift = -0.05 dB
SAR (1g) = 0.126 W/kg; SAR (10g) = 0.060 W/kg;
M2/M1 [%]=46.3
Dist 3dB Peak [mm]=11.2

