

Appendix B

Detailed Test Results

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n41 for Head, Body & Limbs



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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WIFI 2.4G for Head, Body & Limbs
WIFI 5G for Head, Body & Limbs
WIFI 6E for Head, Body & Limbs,Power Density
BT for Head, Body & Limbs



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No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

X800 GSM850 GPRS 4TS 128CH Right cheek Ant1**X800**

Communication System: GSM 850; Frequency: 824.200

Medium: Head Simulating Liquid. Medium parameters used: $f = 824.200$ MHz; $\sigma = 0.873$ S/m; $\epsilon_r = 40.7$

DASY6 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(8.89, 8.49, 8.74); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn896; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
- Measurement Software: cDASY6 V16.4.0.5005

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

SAR (1g) = 0.436 W/kg; SAR (10g) = 0.268 W/kg;

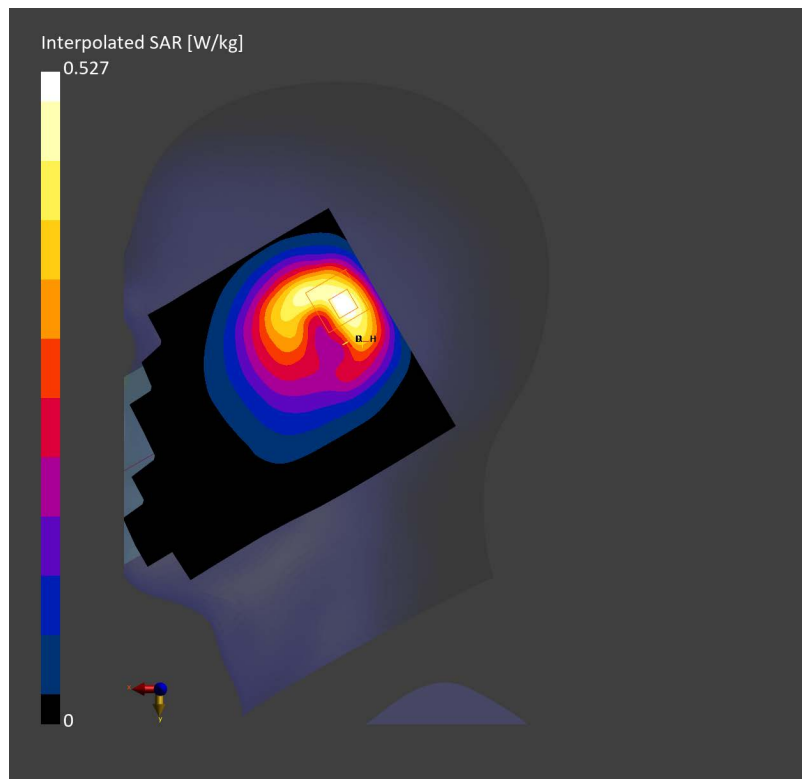
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.12 dB

SAR (1g) = 0.439 W/kg; SAR (10g) = 0.250 W/kg;

M2/M1 [%]=51.3

Dist 3dB Peak [mm]=8.1



X800 GSM850 GPRS 2TS 251CH Front side 10mm Ant1

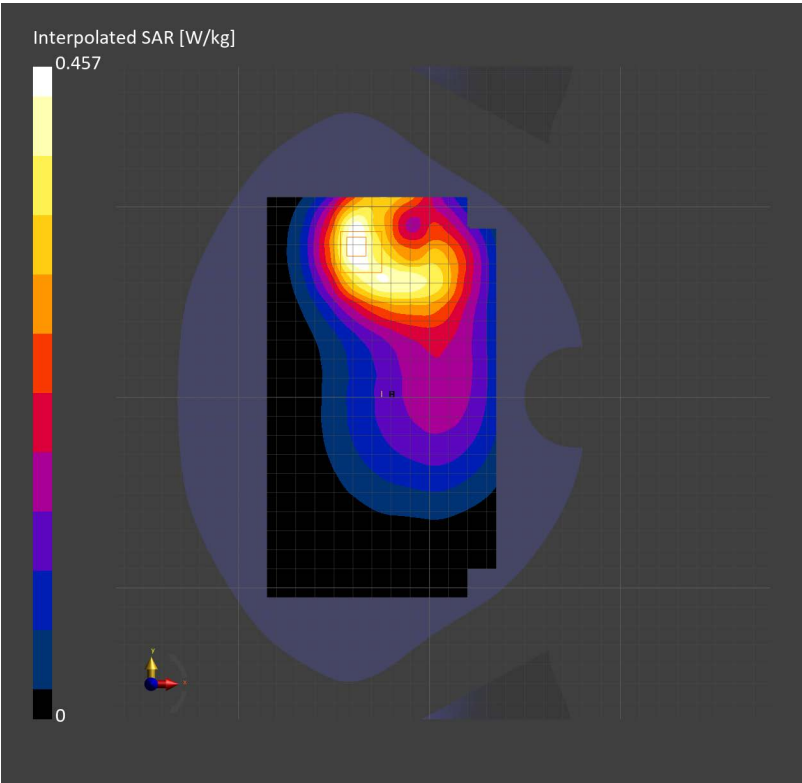
X800

Communication System: GSM 850; Frequency: 848.800
Medium: Head Simulating Liquid. Medium parameters used: $f= 848.800$ MHz; $\sigma= 0.889$ S/m; $\epsilon_r = 40.5$

- DASY6 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(8.89, 8.49, 8.74); Calibrated: 2024-11-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn896; Calibrated: 2024-03-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
 - Measurement Software: cDASY6 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.393 W/kg; SAR (10g) = 0.261 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) = 0.378 W/kg; SAR (10g) = 0.240 W/kg;
M2/M1 [%]=63.7
Dist 3dB Peak [mm]=14.8



X800 GSM1900 GPRS 4TS 810CH Right cheek Ant2**X800**

Communication System: PCS 1900; Frequency: 1909.800

Medium: Head Simulating Liquid. Medium parameters used: $f = 1909.800$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 39.7$

DASY6 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.77, 7.41, 7.63); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn896; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
- Measurement Software: cDASY6 V16.4.0.5005

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

SAR (1g) = 0.525 W/kg; SAR (10g) = 0.294 W/kg;

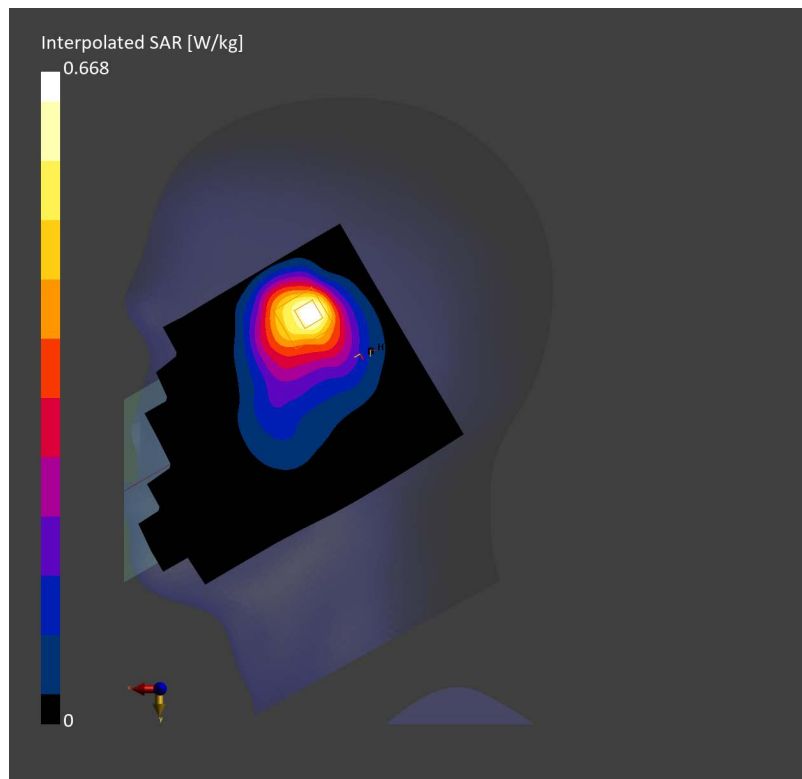
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.10 dB

SAR (1g) = 0.564 W/kg; SAR (10g) = 0.308 W/kg;

M2/M1 [%]=51.8

Dist 3dB Peak [mm]=10.2



X800 GSM1900 GPRS 4TS 512CH Back side 10mm Ant2

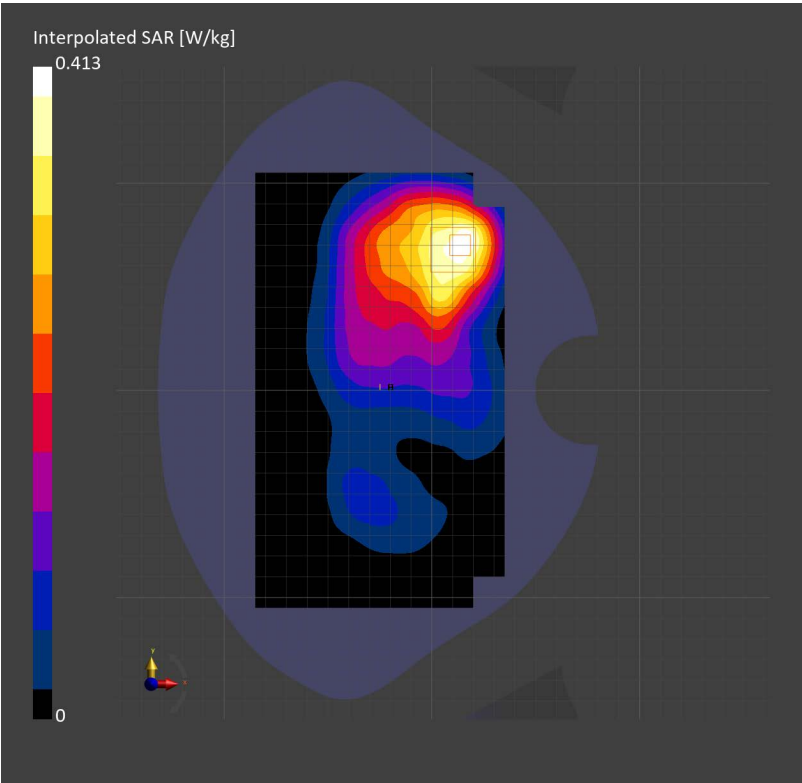
X800

Communication System: PCS 1900; Frequency: 1850.00
Medium: Head Simulating Liquid. Medium parameters used: $f=1850.200\text{ MHz}$; $\sigma=1.31\text{ S/m}$; $\epsilon_r=39.9$

- DASY6 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(7.77, 7.41, 7.63); Calibrated: 2024-11-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn896; Calibrated: 2024-03-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
 - Measurement Software: cDASY6 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.340 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 = 0.02 dB
SAR (1g) = 0.341 W/kg; SAR (10g) = 0.185 W/kg;
M2/M1 [%]=54.9
Dist 3dB Peak [mm]=11.4



X800 WCDMA Band II RMC 9400CH Right cheek Ant2**X800**

Communication System: Band 2; Frequency: 1880.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.41$ S/m; $\epsilon_r = 39.4$

DASY6 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.77, 7.41, 7.63); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn896; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
- Measurement Software: cDASY6 V16.4.0.5005

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

SAR (1g) = 0.592 W/kg; SAR (10g) = 0.343 W/kg;

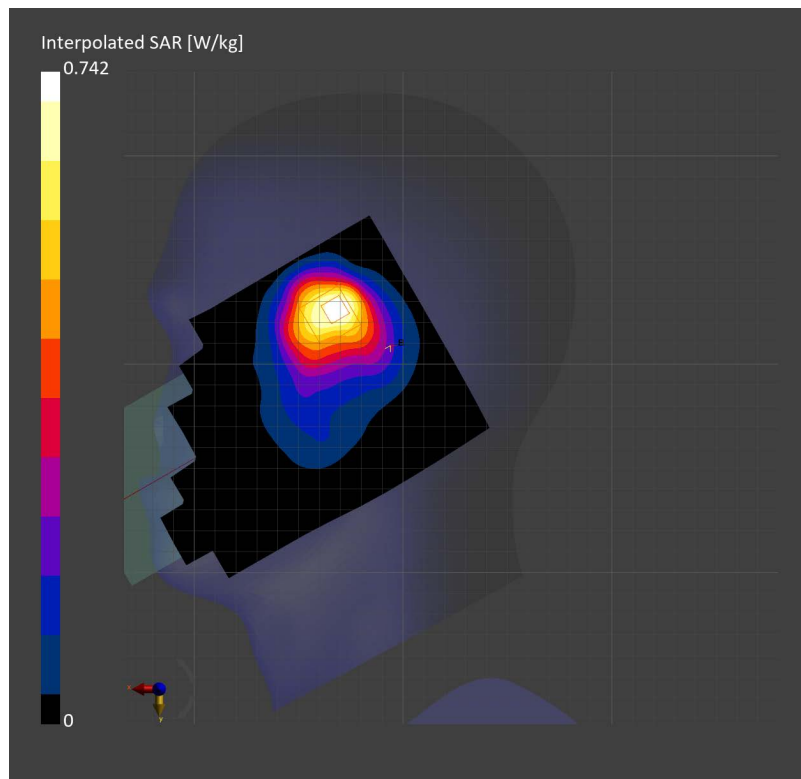
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.01 dB

SAR (1g) = 0.618 W/kg; SAR (10g) = 0.359 W/kg;

M2/M1 [%]=54.7

Dist 3dB Peak [mm]=10.3



X800 WCDMA Band II RMC 9400CH Front side 10mm Ant2

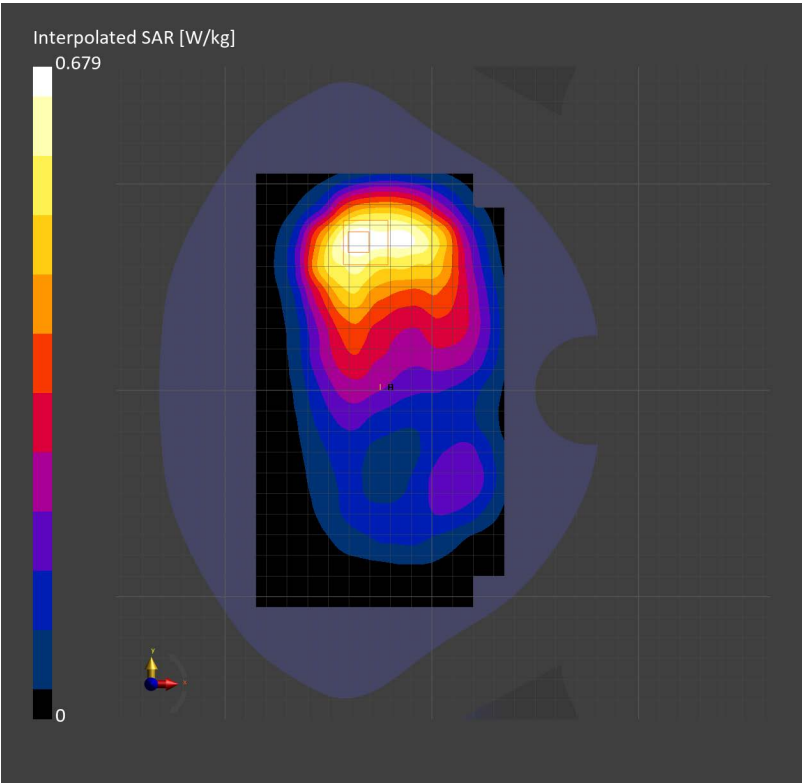
X800

Communication System: Band 2; Frequency: 1880.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 1880.000$ MHz; $\sigma= 1.41$ S/m; $\epsilon_r = 39.4$

- DASY6 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(7.77, 7.41, 7.63); Calibrated: 2024-11-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn896; Calibrated: 2024-03-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
 - Measurement Software: cDASY6 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.560 W/kg; SAR (10g) = 0.343 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) = 0.543 W/kg; SAR (10g) = 0.358 W/kg;
M2/M1 [%]=64.3
Dist 3dB Peak [mm]=20.5



X800 WCDMA Band IV RMC 1412CH Right cheek Ant2**X800**

Communication System: Band 4; Frequency: 1732.400

Medium: Head Simulating Liquid. Medium parameters used: $f = 1732.400$ MHz; $\sigma = 1.30$ S/m; $\epsilon_r = 40.3$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(8.05, 7.68, 7.91); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn896; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
- Measurement Software: cDASY6 V16.4.0.5005

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

SAR (1g) = 0.709 W/kg; SAR (10g) = 0.411 W/kg;

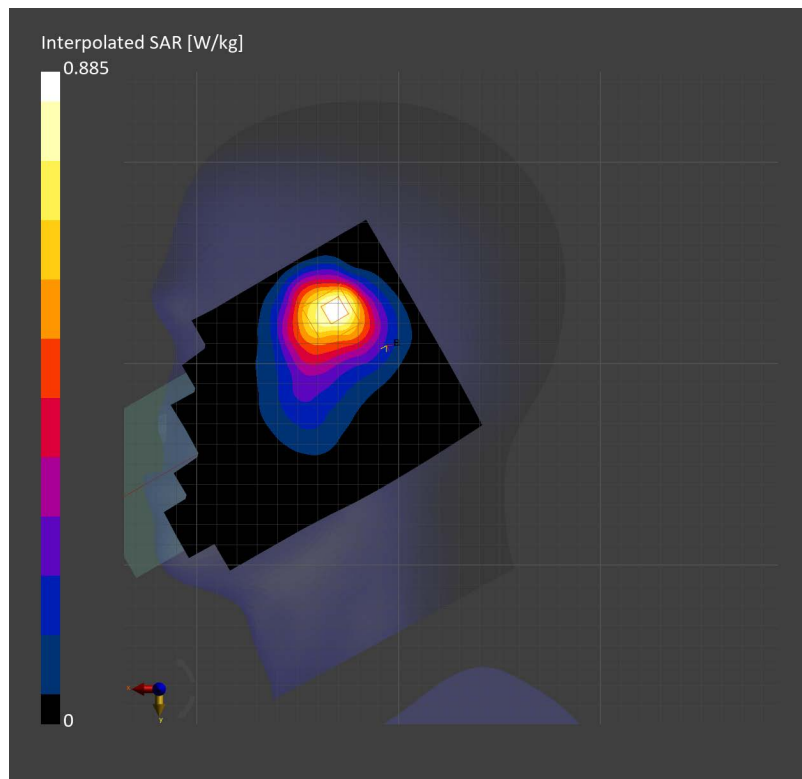
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.01 dB

SAR (1g) = 0.724 W/kg; SAR (10g) = 0.430 W/kg;

M2/M1 [%]=57.7

Dist 3dB Peak [mm]=12.6



X800 WCDMA Band IV RMC 1412CH Back side 10mm Ant2

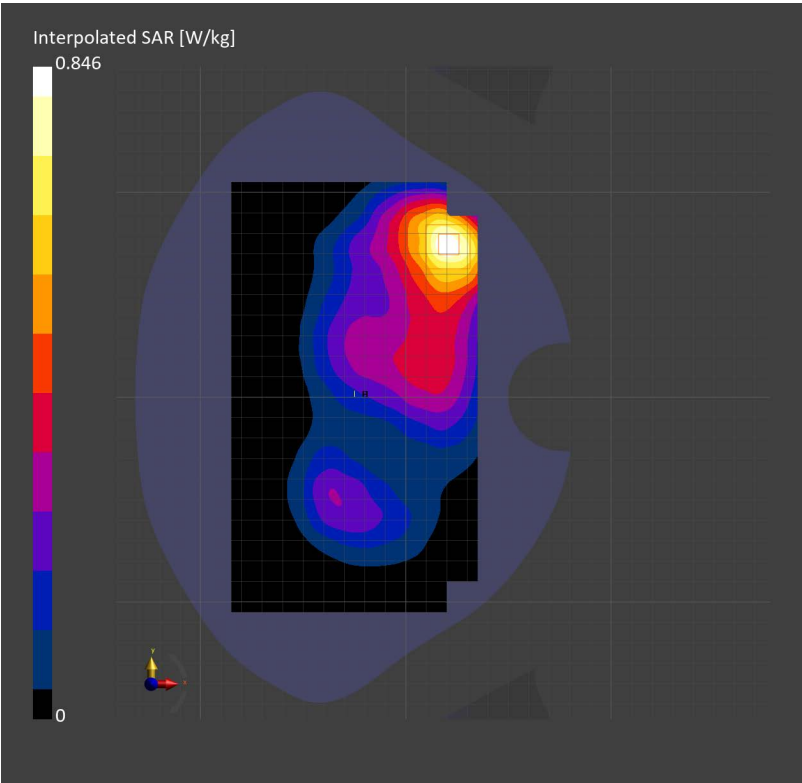
X800

Communication System: Band 4; Frequency: 1732.400
Medium: Head Simulating Liquid. Medium parameters used: $f= 1732.400$ MHz; $\sigma= 1.30$ S/m; $\epsilon_r = 40.3$

- DASY6 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(8.05, 7.68, 7.91); Calibrated: 2024-11-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn896; Calibrated: 2024-03-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
 - Measurement Software: cDASY6 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.691 W/kg; SAR (10g) = 0.409 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 = -0.08 dB
SAR (1g) = 0.694 W/kg; SAR (10g) = 0.408 W/kg;
M2/M1 [%]=59.5
Dist 3dB Peak [mm]=12.9



X800 WCDMA Band V RMC 4132CH Right cheek Ant1**X800**

Communication System: Band 5; Frequency: 826.400

Medium: Head Simulating Liquid. Medium parameters used: $f = 826.400$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 41.0$

DASY6 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(8.89, 8.49, 8.74); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn896; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
- Measurement Software: cDASY6 V16.4.0.5005

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

SAR (1g) = 0.817 W/kg; SAR (10g) = 0.533 W/kg;

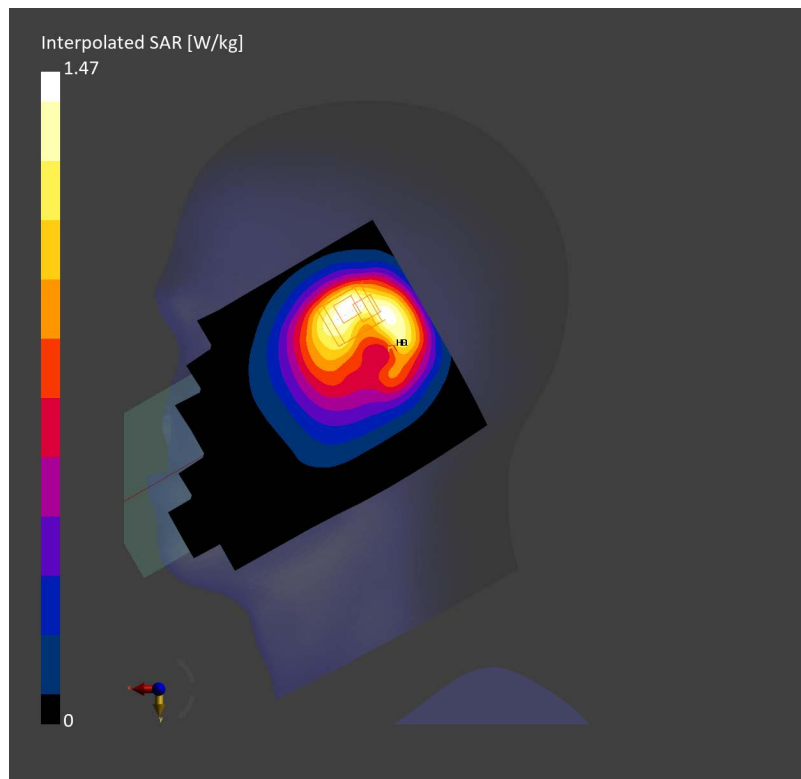
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.01 dB

SAR (1g) = 0.878 W/kg; SAR (10g) = 0.528 W/kg;

M2/M1 [%]=55.4

Dist 3dB Peak [mm]=9.7



X800 WCDMA Band V RMC 4182CH Front side 10mm Ant1

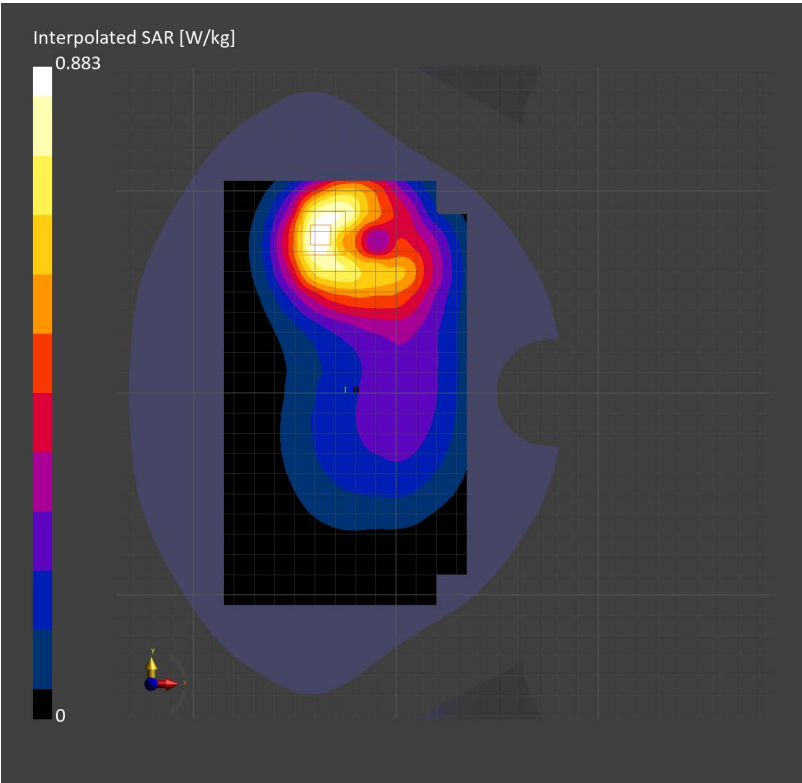
X800

Communication System: Band 5; Frequency: 836.400
Medium: Head Simulating Liquid. Medium parameters used: $f= 836.400$ MHz; $\sigma= 0.891$ S/m; $\epsilon_T = 41.0$

- DASY6 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(8.89, 8.49, 8.74); Calibrated: 2024-11-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn896; Calibrated: 2024-03-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
 - Measurement Software: cDASY6 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.749 W/kg; SAR (10g) = 0.495 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 = -0.08 dB
SAR (1g) = 0.739 W/kg; SAR (10g) = 0.467 W/kg;
M2/M1 [%]=65.3
Dist 3dB Peak [mm]=14.8



Test Laboratory: SGS-SAR Lab

X800 LTE Band 7 20M QPSK 1RB0 21350CH Right cheek Ant2

DUT: X800; Type: Mobile Phone; Serial: 016582000014737

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2560$ MHz; $\sigma = 1.877$ S/m; $\epsilon_r = 38.413$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.18, 7.18, 7.18); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Head/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.44 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.977 V/m; Power Drift = 0.17 dB

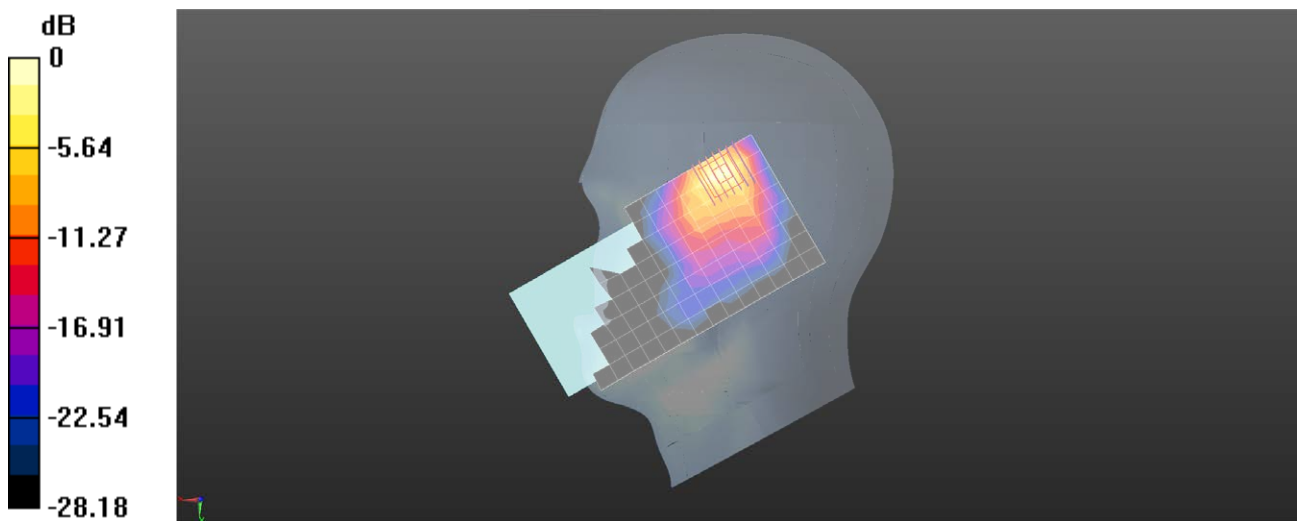
Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 0.942 W/kg; SAR(10 g) = 0.392 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 47.7%

Maximum value of SAR (measured) = 1.66 W/kg



0 dB = 1.66 W/kg = 2.20 dBW/kg

Test Laboratory: SGS-SAR Lab

X800 LTE Band 7 20M QPSK 50RB25 21350CH Left side 0mm Ant2

DUT: X800; Type: Mobile Phone; Serial: 016582000014737

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2560$ MHz; $\sigma = 1.877$ S/m; $\epsilon_r = 38.413$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.18, 7.18, 7.18); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 17.1 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.363 V/m; Power Drift = 0.07 dB

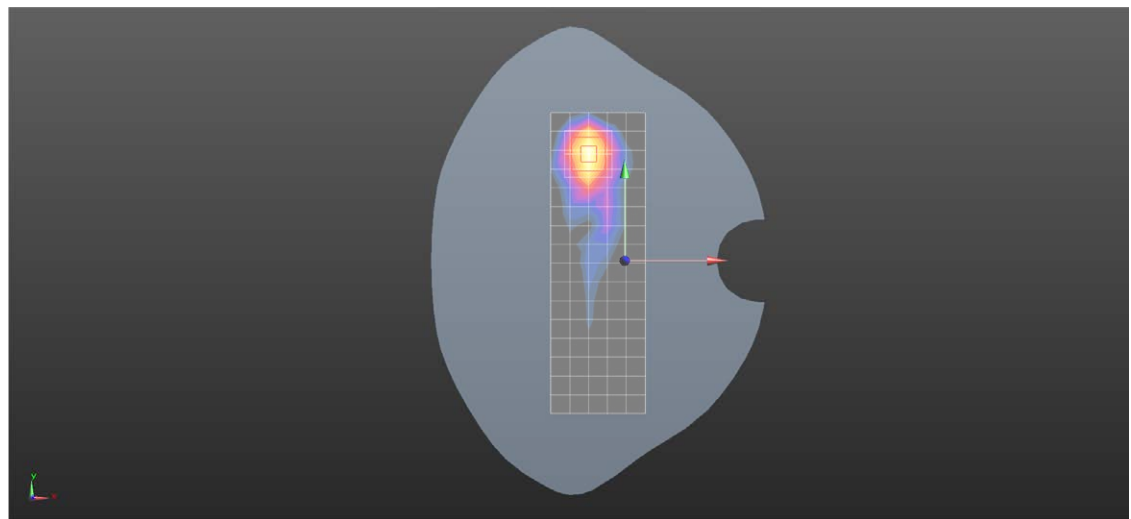
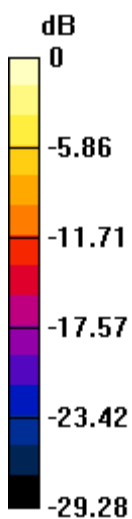
Peak SAR (extrapolated) = 22.8 W/kg

SAR(1 g) = 8.74 W/kg; SAR(10 g) = 2.93 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 41.7%

Maximum value of SAR (measured) = 17.8 W/kg



0 dB = 17.8 W/kg = 12.50 dBW/kg

Test Laboratory: SGS-SAR Lab

X800 LTE Band 7 20M QPSK 1RB99 21350CH Left side 19mm Ant2

DUT: X800; Type: Mobile Phone; Serial: 016582000014737

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2560$ MHz; $\sigma = 1.877$ S/m; $\epsilon_r = 38.413$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.18, 7.18, 7.18); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.29 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.949 V/m; Power Drift = 0.03 dB

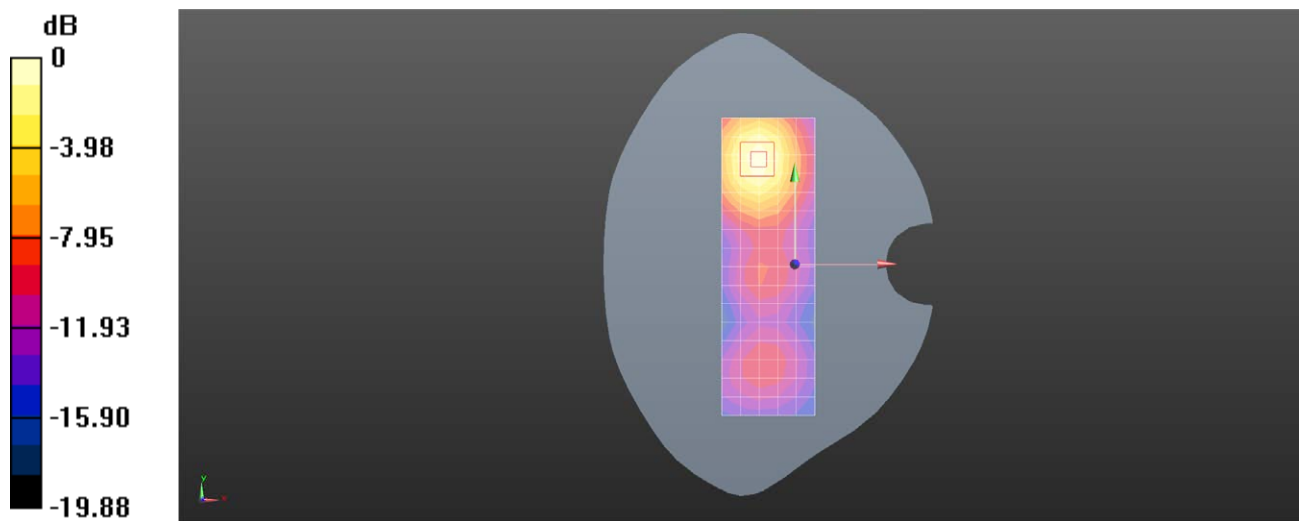
Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.856 W/kg; SAR(10 g) = 0.455 W/kg

Smallest distance from peaks to all points 3 dB below = 14.1 mm

Ratio of SAR at M2 to SAR at M1 = 53.5%

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



0 dB = 1.31 W/kg = 1.17 dBW/kg

X800 LTE Band 12 10M QPSK 1RB25 23060CH Right cheek Ant1

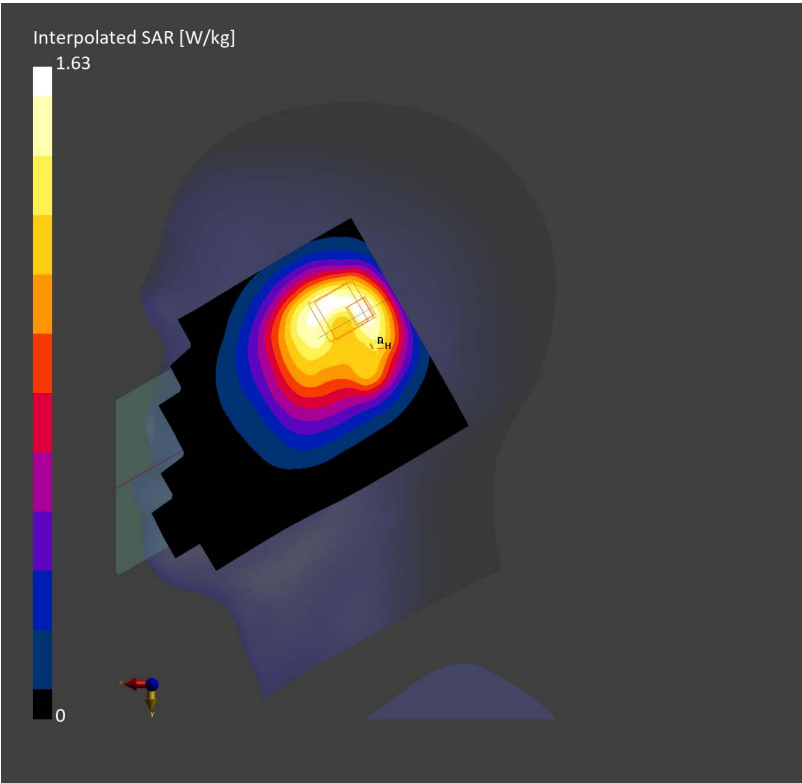
X800

Communication System: Band 12; Frequency: 704.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 704.000$ MHz; $\sigma= 0.848$ S/m; $\epsilon_r = 43.3$

- DASY6 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(9.45, 9.01, 9.28); Calibrated: 2024-11-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn896; Calibrated: 2024-03-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
 - Measurement Software: cDASY6 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.853 W/kg; SAR (10g) = 0.569 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) = 0.889 W/kg; SAR (10g) = 0.538 W/kg;
M2/M1 [%]=56.9
Dist 3dB Peak [mm]=13.7



X800 LTE Band 12 10M QPSK 1RB49 23095CH Back side 10mm Ant1

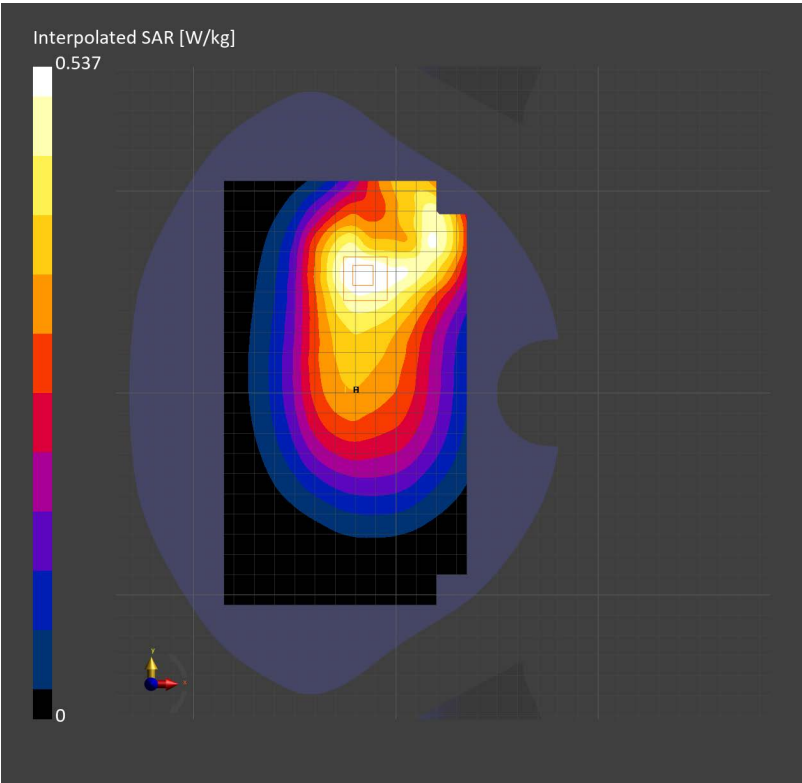
X800

Communication System: Band 12; Frequency: 707.500
Medium: Head Simulating Liquid. Medium parameters used: $f= 707.500$ MHz; $\sigma= 0.850$ S/m; $\epsilon_r = 43.3$

- DASY6 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(9.45, 9.01, 9.28); Calibrated: 2024-11-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn896; Calibrated: 2024-03-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
 - Measurement Software: cDASY6 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) = 0.331 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) = 0.503 W/kg; SAR (10g) = 0.371 W/kg;
M2/M1 [%]=77.2
Dist 3dB Peak [mm]= 16.0



X800 LTE Band 13 10M QPSK 1RB0 23230CH Right cheek Ant1**X800**

Communication System: Band 13; Frequency: 782.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 782.000$ MHz; $\sigma = 0.897$ S/m; $\epsilon_r = 42.8$

DASY6 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(9.45, 9.01, 9.28); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn896; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
- Measurement Software: cDASY6 V16.4.0.5005

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

SAR (1g) = 0.953 W/kg; SAR (10g) = 0.604 W/kg;

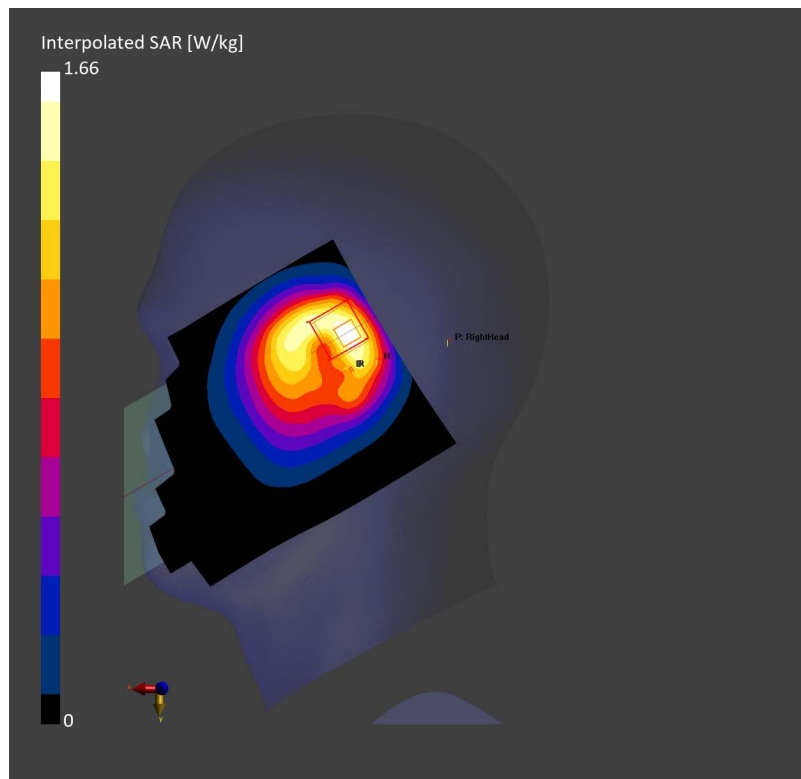
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.01 dB

SAR (1g) = 0.960 W/kg; SAR (10g) = 0.566 W/kg;

M2/M1 [%]=58.2

Dist 3dB Peak [mm]=11.6



X800 LTE Band 13 10M QPSK 1RB0 23230CH Front side 10mm Ant1

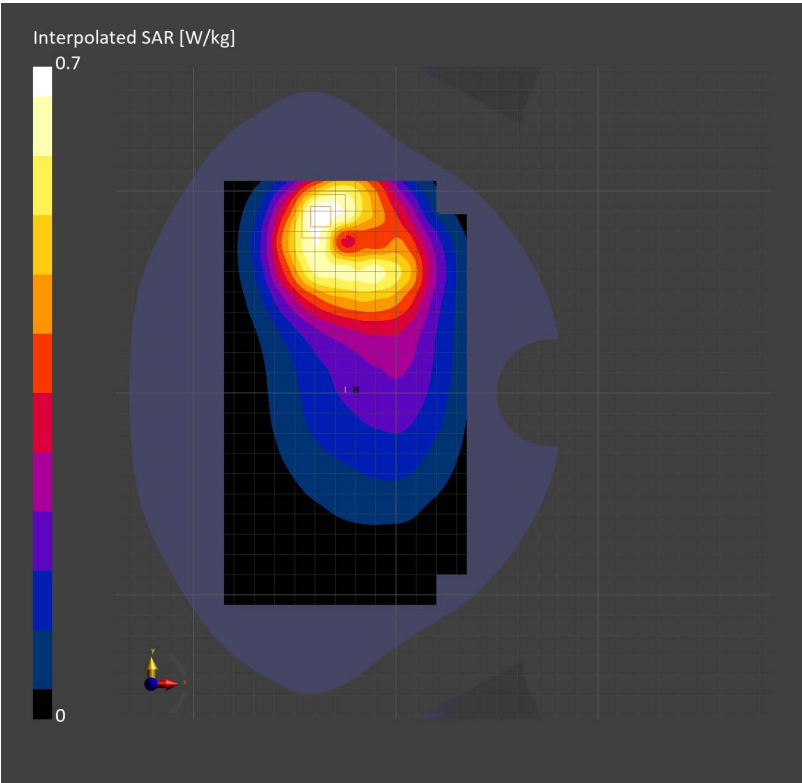
X800

Communication System: Band 13; Frequency: 782.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 782.000$ MHz; $\sigma= 0.897$ S/m; $\epsilon_r = 42.8$

- DASY6 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(9.45, 9.01, 9.28); Calibrated: 2024-11-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn896; Calibrated: 2024-03-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
 - Measurement Software: cDASY6 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.598 W/kg; SAR (10g) = 0.393 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) = 0.644 W/kg; SAR (10g) = 0.393 W/kg;
M2/M1 [%]=60.2
Dist 3dB Peak [mm]=11.4



X800 LTE Band 14 10M QPSK 1RB0 23330CH Right cheek Ant1**X800**

Communication System: Band 14; Frequency: 793.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 793.000$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 42.8$

DASY6 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(9.45, 9.01, 9.28); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn896; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
- Measurement Software: cDASY6 V16.4.0.5005

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

SAR (1g) = 0.825 W/kg; SAR (10g) = 0.558 W/kg;

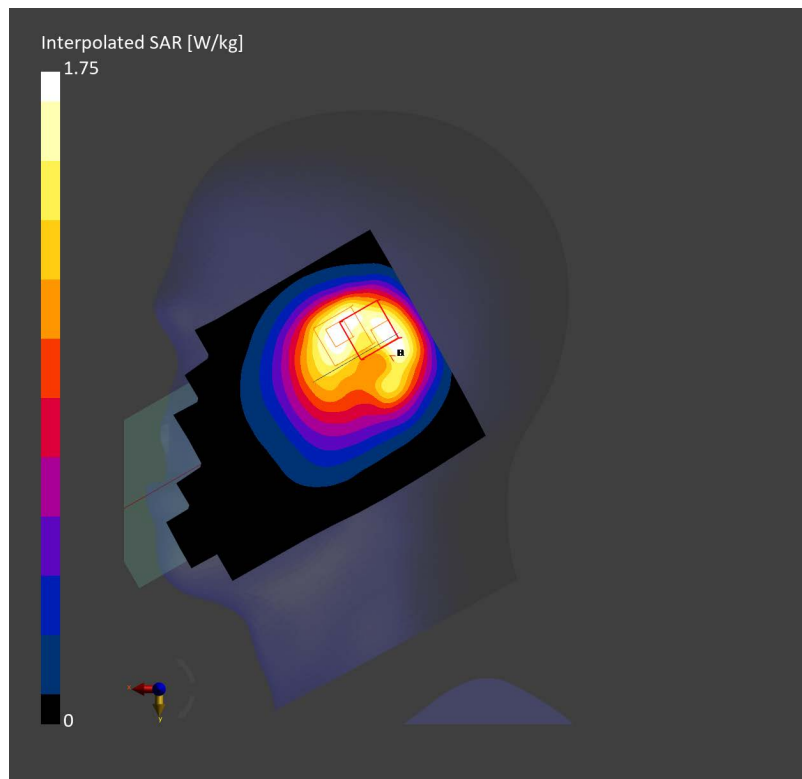
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.10 dB

SAR (1g) = 0.955 W/kg; SAR (10g) = 0.544 W/kg;

M2/M1 [%]=36.6

Dist 3dB Peak [mm]=10.2



X800 LTE Band 14 10M QPSK 1RB0 23330CH Back side 10mm Ant1

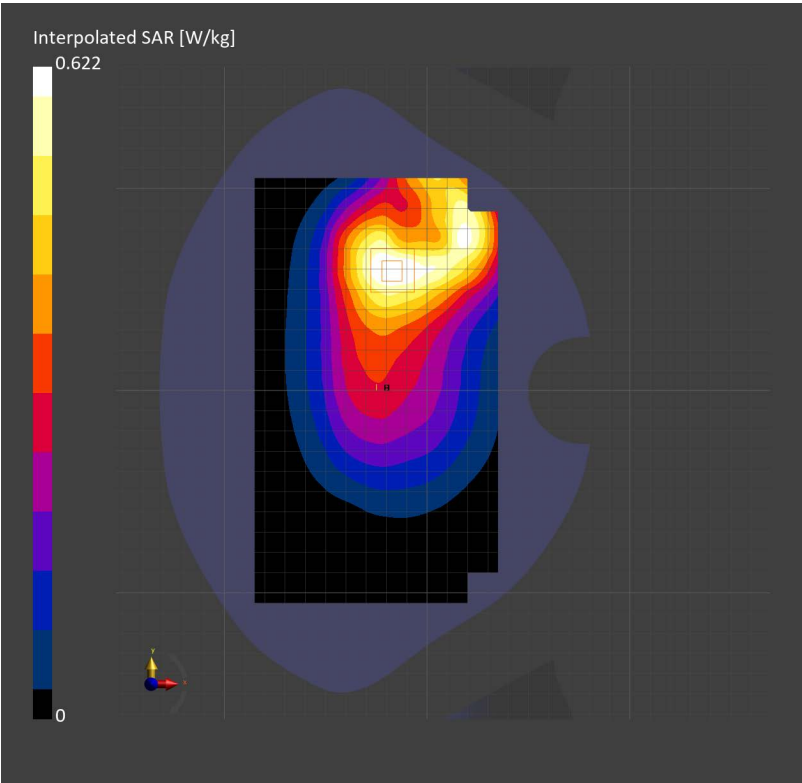
X800

Communication System: Band 14; Frequency: 793.000
Medium: Head Simulating Liquid. Medium parameters used: $f=793.000\text{ MHz}$; $\sigma=0.901\text{ S/m}$; $\epsilon_r=42.6$

- DASY6 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(9.45, 9.01, 9.28); Calibrated: 2024-11-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn896; Calibrated: 2024-03-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
 - Measurement Software: cDASY6 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) = 0.373 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) = 0.585 W/kg; SAR (10g) = 0.418 W/kg;
M2/M1 [%]=73.9
Dist 3dB Peak [mm]= 16.0



X800 LTE Band 25 20M QPSK 1RB99 26590CH Right cheek Ant2**X800**

Communication System: Band 25; Frequency: 1905.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1905.000$ MHz; $\sigma = 1.43$ S/m; $\epsilon_r = 39.2$

DASY6 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.77, 7.41, 7.63); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn896; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
- Measurement Software: cDASY6 V16.4.0.5005

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

SAR (1g) = 0.628 W/kg; SAR (10g) = 0.353 W/kg;

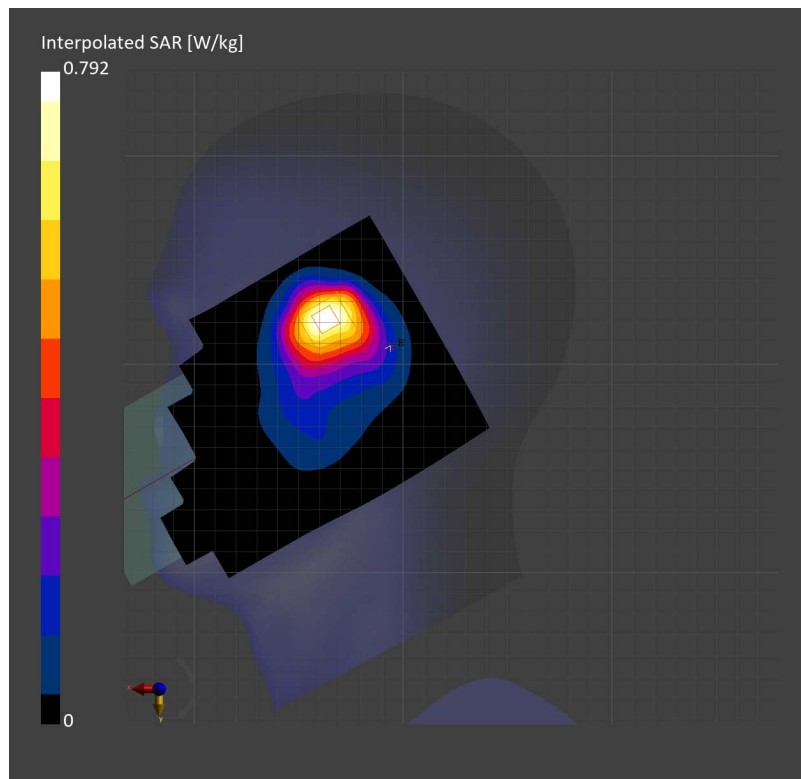
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.01 dB

SAR (1g) = 0.644 W/kg; SAR (10g) = 0.363 W/kg;

M2/M1 [%]=57.4

Dist 3dB Peak [mm]=11.4



X800 LTE Band 25 20M QPSK 1RB50 26590CH Left side 10mm Ant5

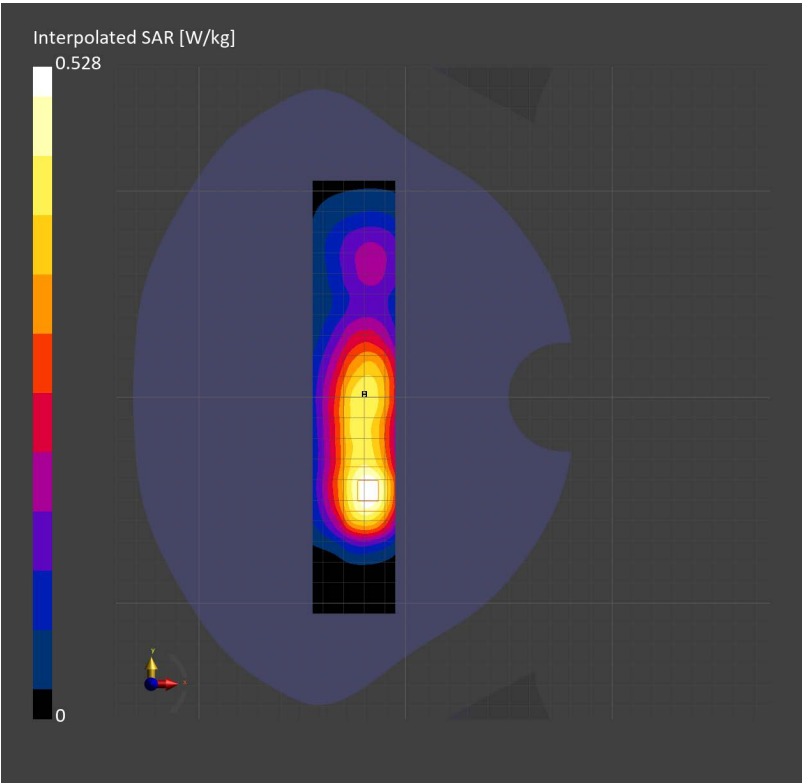
X800

Communication System: Band 25; Frequency: 1905.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 1905.000$ MHz; $\sigma= 1.43$ S/m; $\epsilon_r = 39.2$

- DASY6 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(7.77, 7.41, 7.63); Calibrated: 2024-11-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn896; Calibrated: 2024-03-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
 - Measurement Software: cDASY6 V16.4.0.5005

Area Scan (40.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.430 W/kg; SAR (10g) = 0.248 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 = -0.08 dB
SAR (1g) = 0.501 W/kg; SAR (10g) = 0.283 W/kg;
M2/M1 [%]=61.8
Dist 3dB Peak [mm]=12.2



X800 LTE Band 26 15M QPSK 1RB38 26765CH Right cheek Ant1

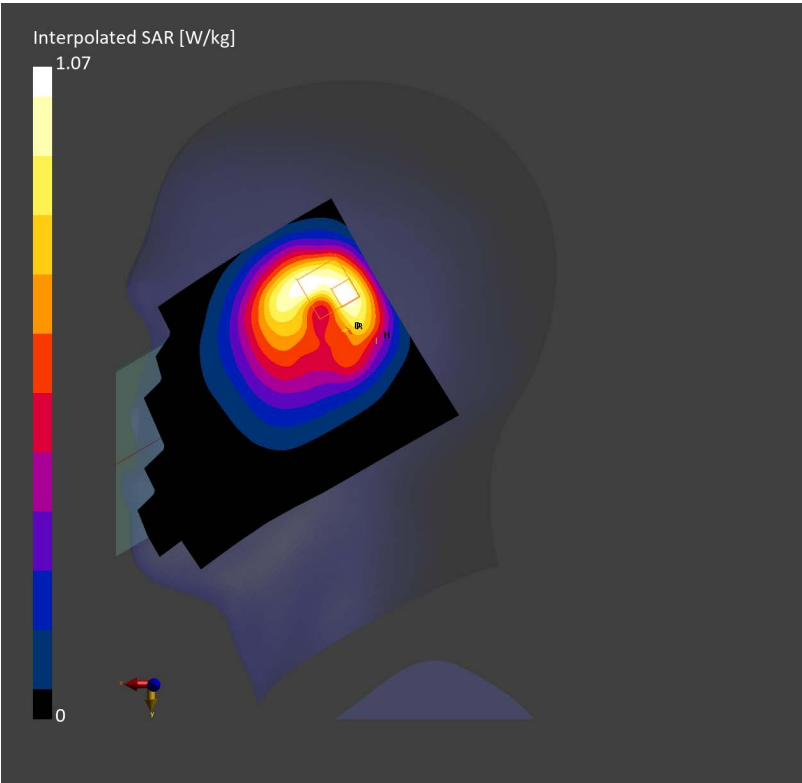
X800

Communication System: Band 26; Frequency: 821.500
Medium: Head Simulating Liquid. Medium parameters used: $f= 821.500$ MHz; $\sigma= 0.869$ S/m; $\epsilon_r = 40.1$

- DASY6 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(8.89, 8.49, 8.74); Calibrated: 2024-11-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn896; Calibrated: 2024-03-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
 - Measurement Software: cDASY6 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.891 W/kg; SAR (10g) = 0.566 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) = 0.956 W/kg; SAR (10g) = 0.570 W/kg;
M2/M1 [%]=57.9
Dist 3dB Peak [mm]=12.6



X800 LTE Band 26 15M QPSK 1RB38 26965CH Front side 10mm Ant1

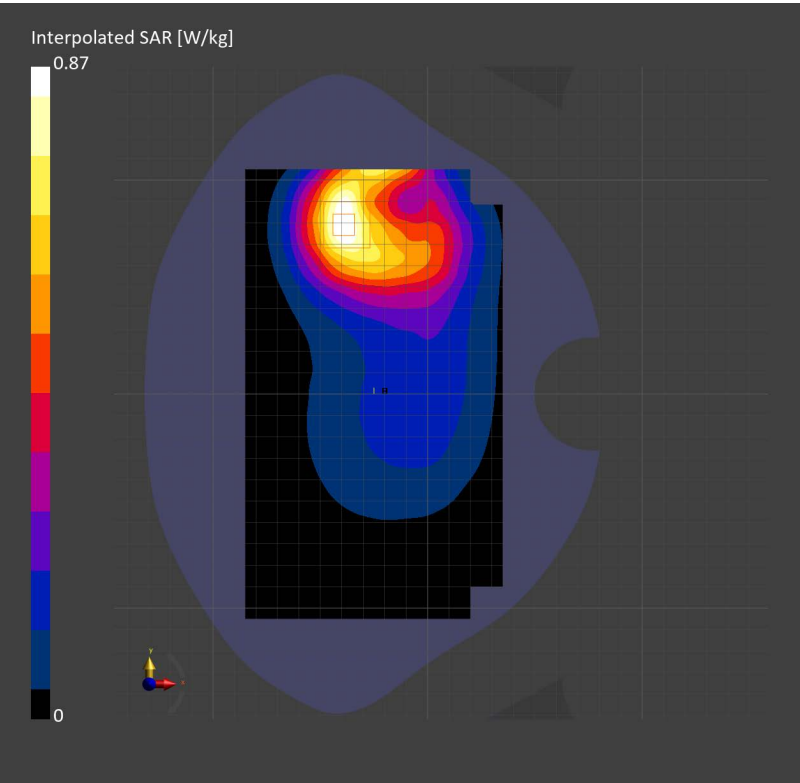
X800

Communication System: Band 26; Frequency: 841.500
Medium: Head Simulating Liquid. Medium parameters used: $f= 841.500$ MHz; $\sigma= 0.922$ S/m; $\epsilon_r = 41.0$

- DASY6 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(8.89, 8.49, 8.74); Calibrated: 2024-11-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn896; Calibrated: 2024-03-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
 - Measurement Software: cDASY6 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.749 W/kg; SAR (10g) = 0.488 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) = 0.744 W/kg; SAR (10g) = 0.467 W/kg;
M2/M1 [%]=65.9
Dist 3dB Peak [mm]=16.0



Test Laboratory: SGS-SAR Lab

X800 LTE Band 30 10M QPSK 1RB25 27710CH Right cheek Ant2

DUT: X800; Type: Mobile Phone; Serial: 016582000014737

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: HSL2300; Medium parameters used: $f = 2310$ MHz; $\sigma = 1.639$ S/m; $\epsilon_r = 40.491$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.6, 7.6, 7.6); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Head/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.23 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.55 V/m; Power Drift = -0.10 dB

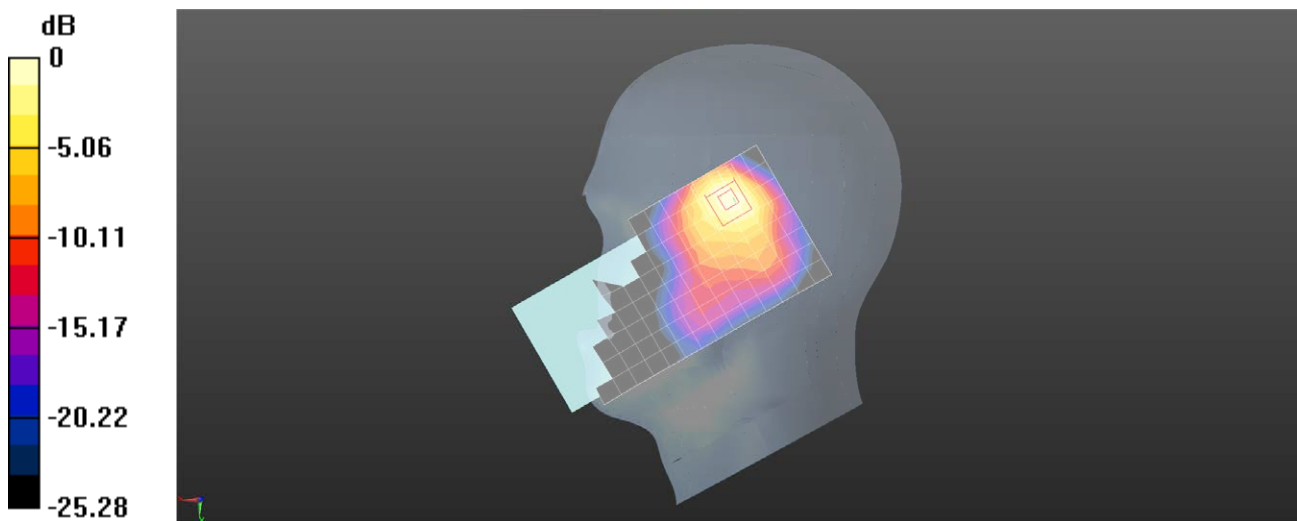
Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 0.900 W/kg; SAR(10 g) = 0.454 W/kg

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 50.8%

Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.40 W/kg = 1.46 dBW/kg

Test Laboratory: SGS-SAR Lab

X800 LTE Band 30 10M QPSK 1RB25 27710CH Back side 10mm Ant2

DUT: X800; Type: Mobile Phone; Serial: 016582000014737

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: HSL2300; Medium parameters used: $f = 2310$ MHz; $\sigma = 1.639$ S/m; $\epsilon_r = 40.491$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.6, 7.6, 7.6); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.17 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.694 V/m; Power Drift = -0.04 dB

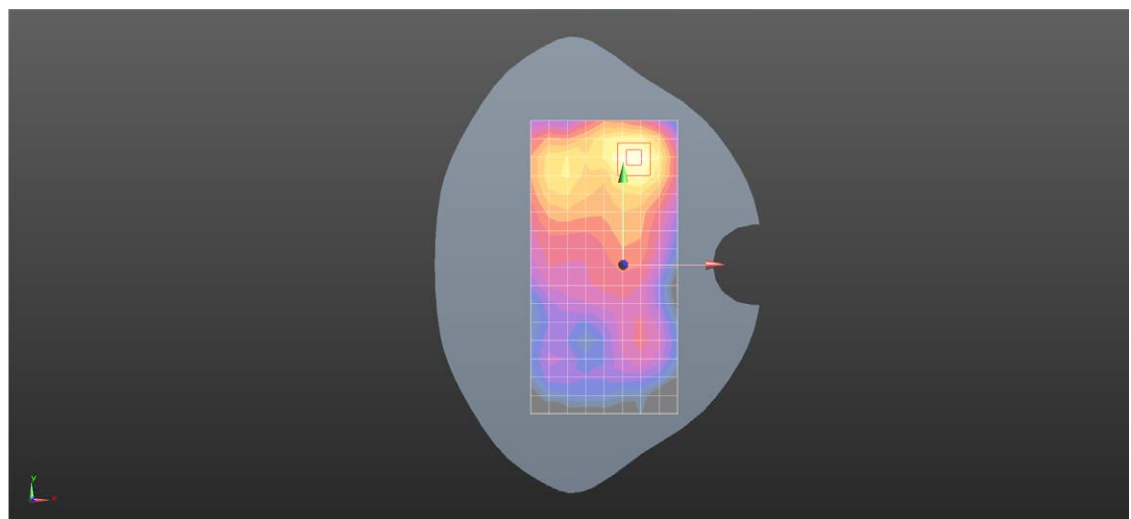
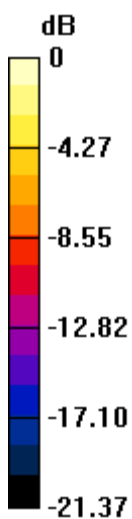
Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.751 W/kg; SAR(10 g) = 0.379 W/kg

Smallest distance from peaks to all points 3 dB below = 11 mm

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

Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg = 0.76 dBW/kg

Test Laboratory: SGS-SAR Lab

X800 LTE Band 41 20M QPSK 50RB0 40620CH Right cheek Ant2

DUT: X800; Type: Mobile Phone; Serial: 016582000014737

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2593 MHz; Duty Cycle: 1:1.58016

Medium: HSL2600; Medium parameters used: $f = 2593$ MHz; $\sigma = 1.93$ S/m; $\epsilon_r = 39.543$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.18, 7.18, 7.18); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Head/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm

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

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.655 V/m; Power Drift = 0.02 dB

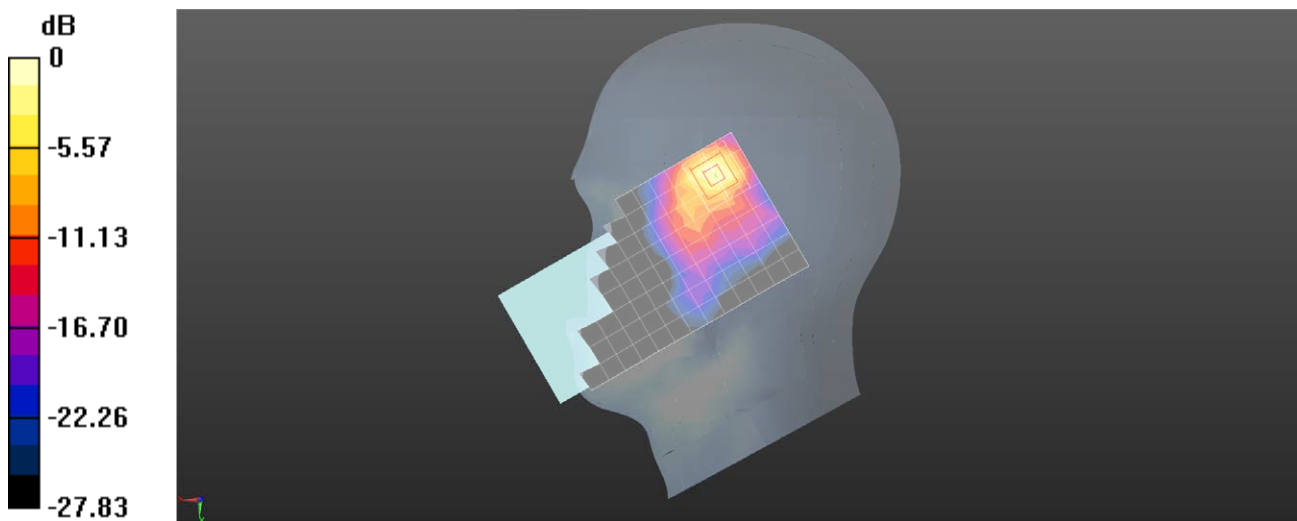
Peak SAR (extrapolated) = 2.14 W/kg

SAR(1 g) = 0.968 W/kg; SAR(10 g) = 0.397 W/kg

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 47.3%

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



0 dB = 1.72 W/kg = 2.36 dBW/kg

Test Laboratory: SGS-SAR Lab

X800 LTE Band 41 20M QPSK 1RB0 40620CH Left side 0mm Ant2

DUT: X800; Type: Mobile Phone; Serial: 016582000014737

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2593 MHz; Duty Cycle: 1:1.58016

Medium: HSL2600; Medium parameters used: $f = 2593$ MHz; $\sigma = 1.93$ S/m; $\epsilon_r = 39.543$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.18, 7.18, 7.18); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 10.5 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.358 V/m; Power Drift = 0.02 dB

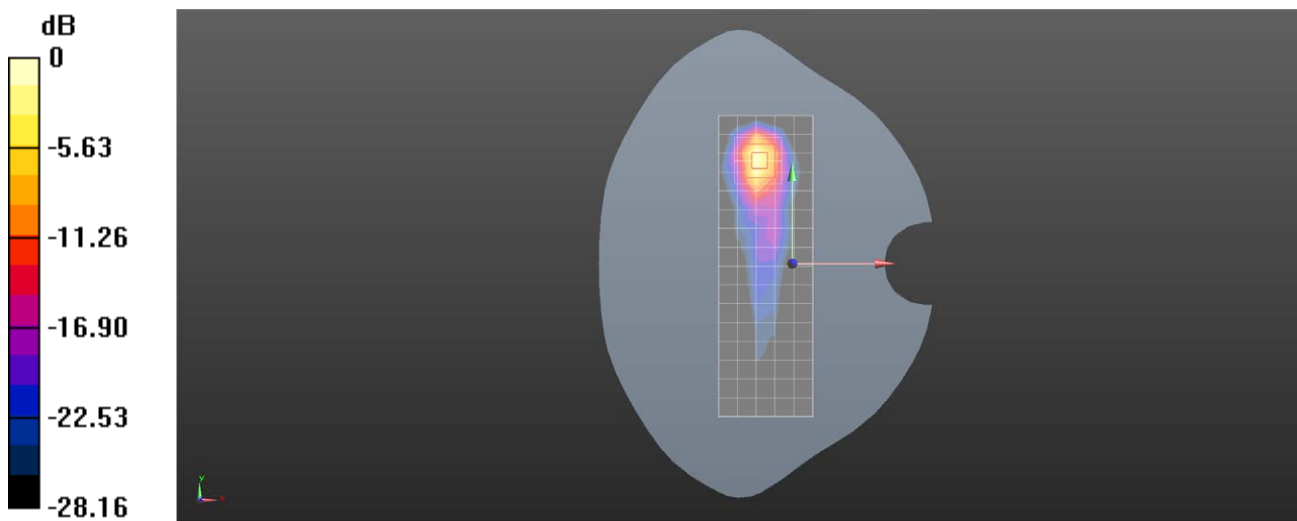
Peak SAR (extrapolated) = 17.3 W/kg

SAR(1 g) = 6.72 W/kg; SAR(10 g) = 2.27 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 42.7%

Maximum value of SAR (measured) = 13.4 W/kg



0 dB = 13.4 W/kg = 11.27 dBW/kg

Test Laboratory: SGS-SAR Lab

X800 LTE Band 41 20M QPSK 1RB0 40620CH Left side 10mm Ant2

DUT: X800; Type: Mobile Phone; Serial: 016582000014737

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2593 MHz; Duty Cycle: 1:1.58016

Medium: HSL2600; Medium parameters used: $f = 2593$ MHz; $\sigma = 1.93$ S/m; $\epsilon_r = 39.543$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.18, 7.18, 7.18); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.18 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.233 V/m; Power Drift = 0.15 dB

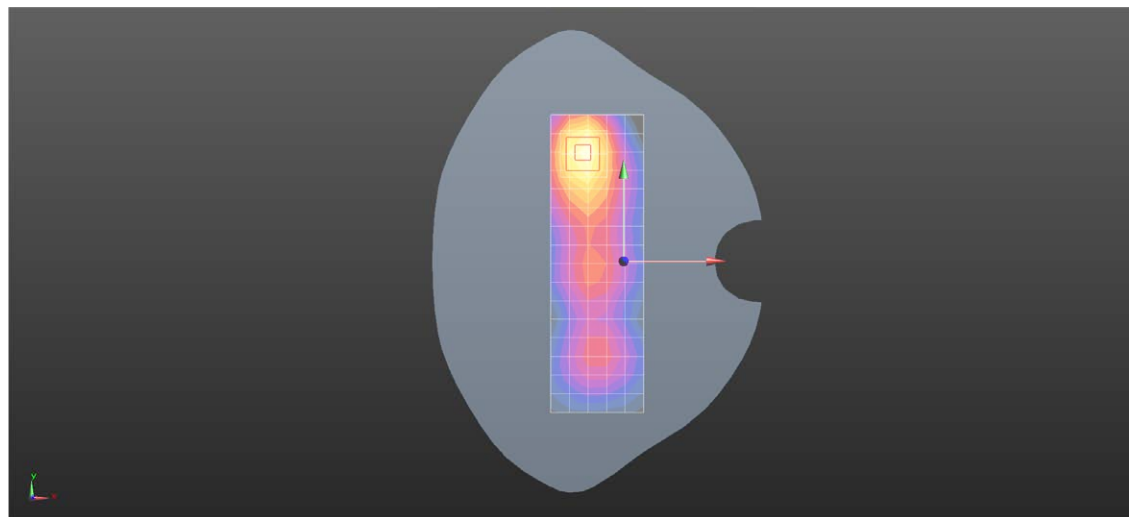
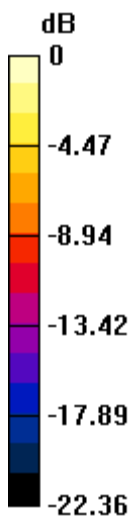
Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.355 W/kg

Smallest distance from peaks to all points 3 dB below = 9.5 mm

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

Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg = 0.93 dBW/kg

X800 LTE Band 42 20M QPSK 1RB99 42590CH Right cheek Ant3

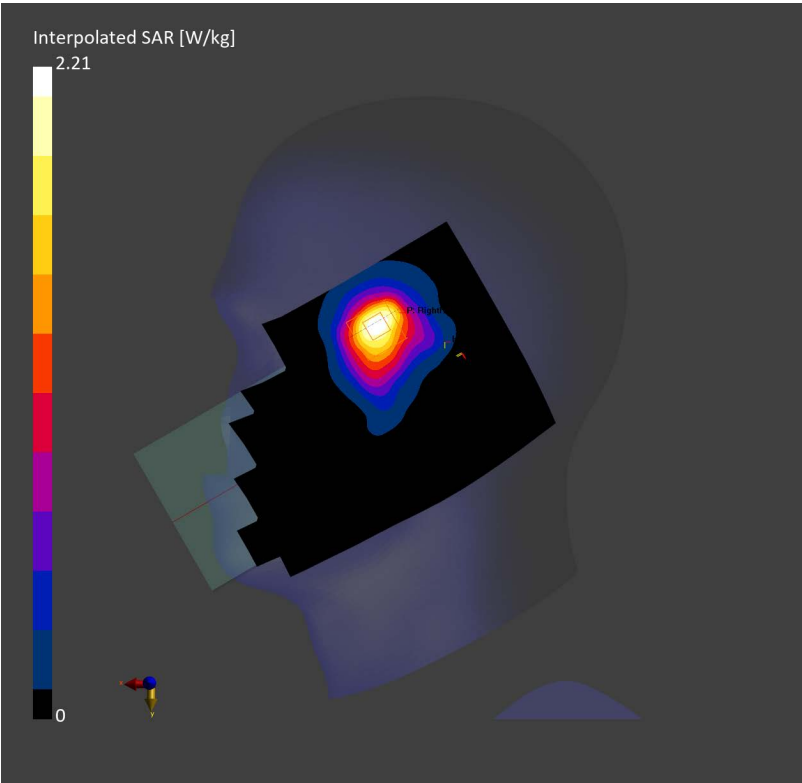
X800

Communication System: Band 42; Frequency: 3500.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 3500.000$ MHz; $\sigma= 2.79$ S/m; $\epsilon_r = 37.3$

- 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) = 0.900 W/kg; SAR (10g) = 0.408 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 = -0.02 dB
SAR (1g) = 0.934 W/kg; SAR (10g) = 0.408 W/kg;
M2/M1 [%]=36.5
Dist 3dB Peak [mm]=9.6



X800 LTE Band 42 20M QPSK 1RB99 43490CH Back side 10mm Ant3

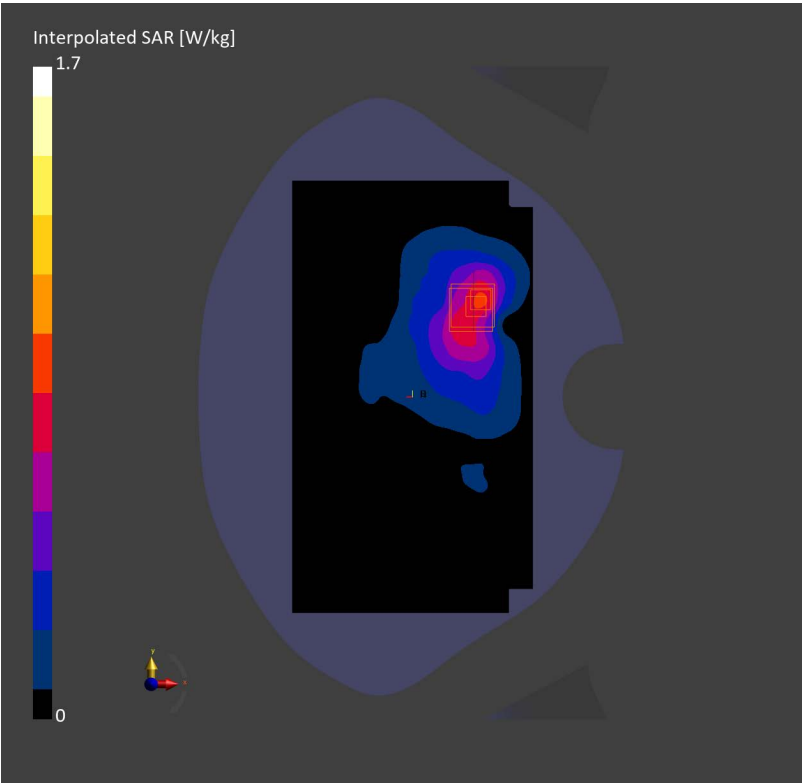
X800

Communication System: Band 42; Frequency: 3590.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 3590.000$ MHz; $\sigma= 2.88$ S/m; $\epsilon_r = 37.0$

- 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) = 0.680 W/kg; SAR (10g) = 0.320 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) = 0.713 W/kg; SAR (10g) = 0.319 W/kg;
M2/M1 [%]=38.2
Dist 3dB Peak [mm]=9.9



X800 LTE Band 43 20M QPSK 50RB25 43690CH Right cheek Ant3

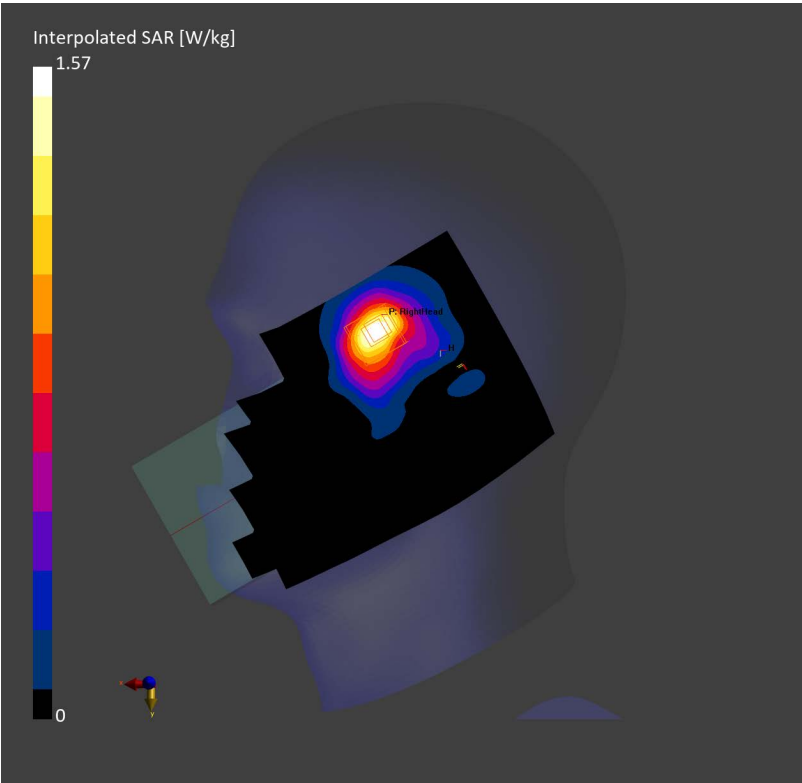
X800

Communication System: Band 43; Frequency: 3610.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 3610.000$ MHz; $\sigma= 2.90$ S/m; $\epsilon_r = 37.0$

- 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) = 0.628 W/kg; SAR (10g) = 0.277 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 = -0.02 dB
SAR (1g) = 0.644 W/kg; SAR (10g) = 0.274 W/kg;
M2/M1 [%]=35.3
Dist 3dB Peak [mm]=9.1



X800 LTE Band 43 20M QPSK 1RB99 43690CH Back side 10mm Ant3

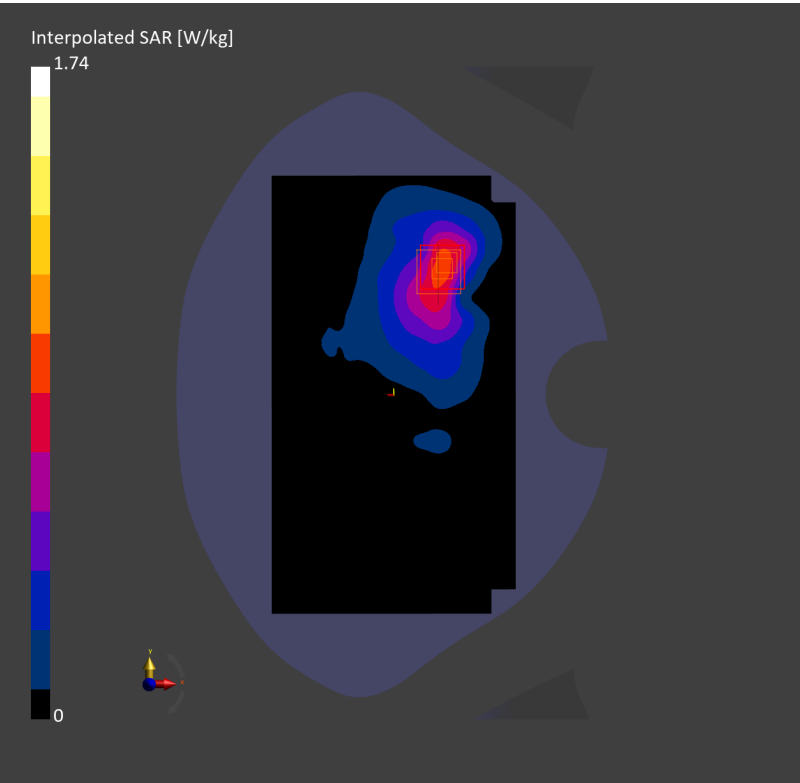
X800

Communication System: Band 43; Frequency: 3610.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 3610.000$ MHz; $\sigma= 2.90$ S/m; $\epsilon_r = 37.0$

- 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) = 0.739 W/kg; SAR (10g) = 0.337 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) = 0.721 W/kg; SAR (10g) = 0.323 W/kg;
M2/M1 [%]=34.7
Dist 3dB Peak [mm]=9.5



X800 LTE Band 48 20M QPSK 50RB50 55340CH Right cheek Ant3**X800**

Communication System: Band 48; Frequency: 3560.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 3560.000$ MHz; $\sigma = 2.87$ S/m; $\epsilon_r = 37.1$

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) = 0.870 W/kg; SAR (10g) = 0.387 W/kg;

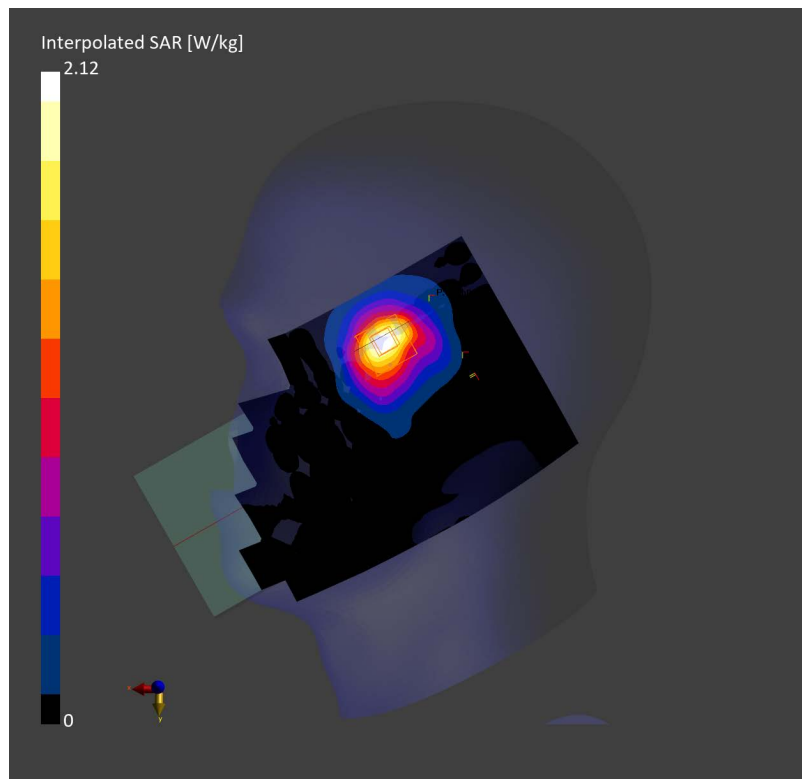
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.04 dB

SAR (1g) = 0.878 W/kg; SAR (10g) = 0.378 W/kg;

M2/M1 [%]=36.6

Dist 3dB Peak [mm]=10.2



X800 LTE Band 48 20M QPSK 1RB0 55990CH Back side 10mm Ant3

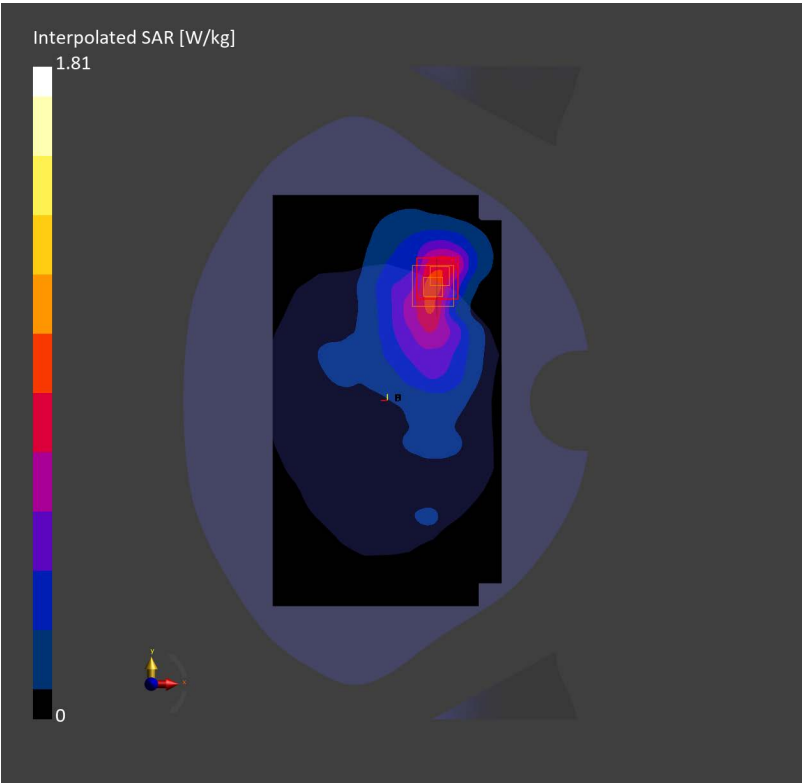
X800

Communication System: Band 48; Frequency: 3625.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 3625.000$ MHz; $\sigma= 2.93$ S/m; $\epsilon_r = 36.9$

- 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) = 0.761 W/kg; SAR (10g) = 0.350 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 = -0.02 dB
SAR (1g) = 0.757 W/kg; SAR (10g) = 0.329 W/kg;
M2/M1 [%]=36.9
Dist 3dB Peak [mm]=9.9



X800 LTE Band 66 20M QPSK 1RB99 132572CH Right cheek Ant2

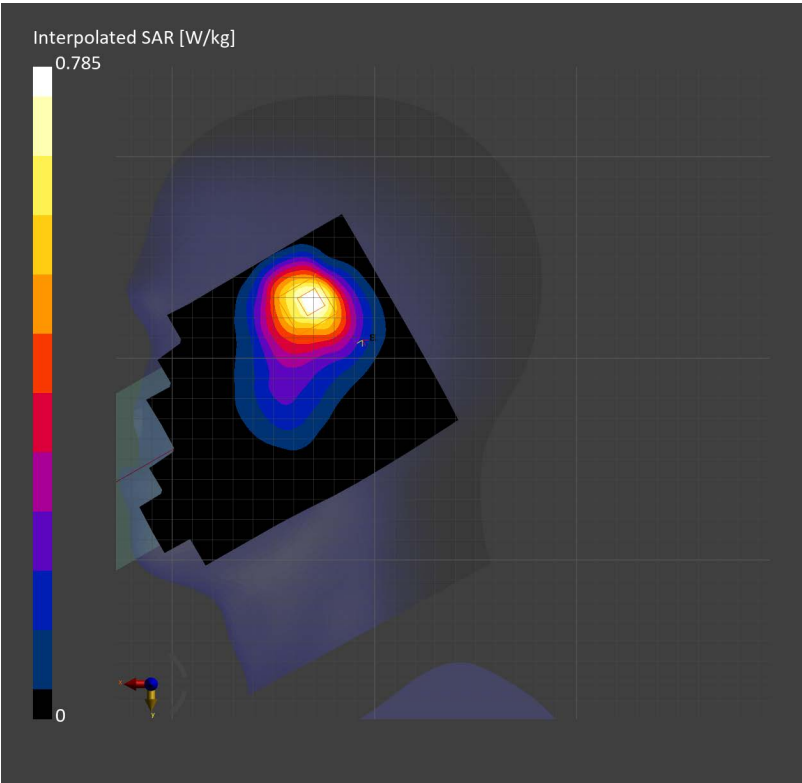
X800

Communication System: Band 66; Frequency: 1770.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 1770.000$ MHz; $\sigma= 1.34$ S/m; $\epsilon_r = 40.2$

- DASY6 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(8.05, 7.68, 7.91); Calibrated: 2024-11-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn896; Calibrated: 2024-03-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
 - Measurement Software: cDASY6 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.631 W/kg; SAR (10g) = 0.364 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) = 0.636 W/kg; SAR (10g) = 0.378 W/kg;
M2/M1 [%]=58.6
Dist 3dB Peak [mm]=12.6



X800 LTE Band 66 20M QPSK 1RB0 132572CH Left side 10mm Ant5

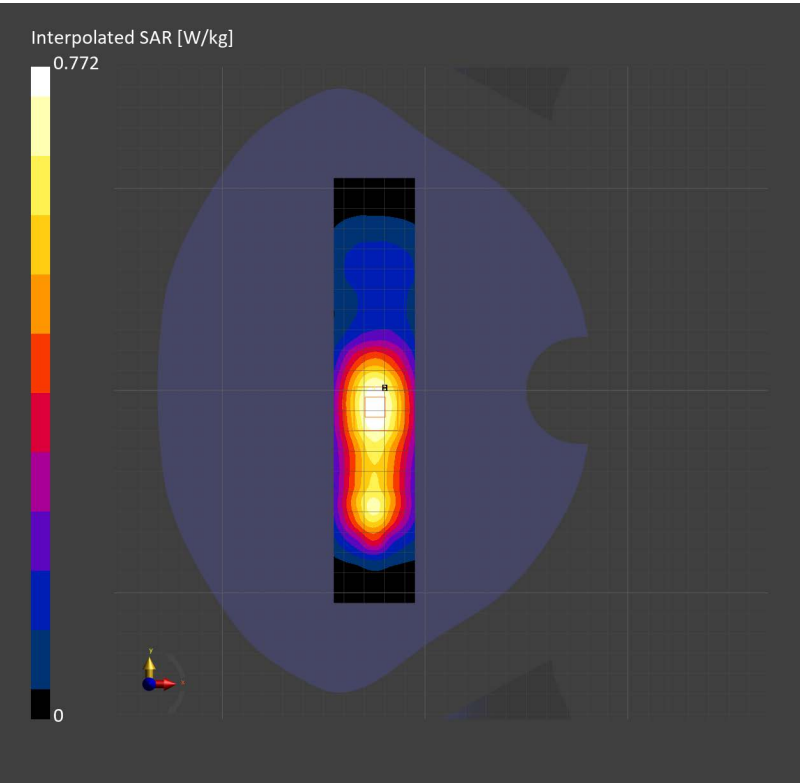
X800

Communication System: Band 66; Frequency: 1770.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 1770.000$ MHz; $\sigma= 1.34$ S/m; $\epsilon_r = 40.2$

- DASY6 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(8.05, 7.68, 7.91); Calibrated: 2024-11-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn896; Calibrated: 2024-03-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
 - Measurement Software: cDASY6 V16.4.0.5005

Area Scan (40.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.650 W/kg; SAR (10g) = 0.384 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) = 0.664 W/kg; SAR (10g) = 0.328 W/kg;
M2/M1 [%]=62.8
Dist 3dB Peak [mm]=12.8



X800 LTE Band 71 20M QPSK 1RB50 133222CH Right cheek Ant1**X800**

Communication System: Band 71; Frequency: 673.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 673.000$ MHz; $\sigma = 0.827$ S/m; $\epsilon_r = 43.3$

DASY6 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(9.45, 9.01, 9.28); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn896; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
- Measurement Software: cDASY6 V16.4.0.5005

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

SAR (1g) = 0.838 W/kg; SAR (10g) = 0.564 W/kg;

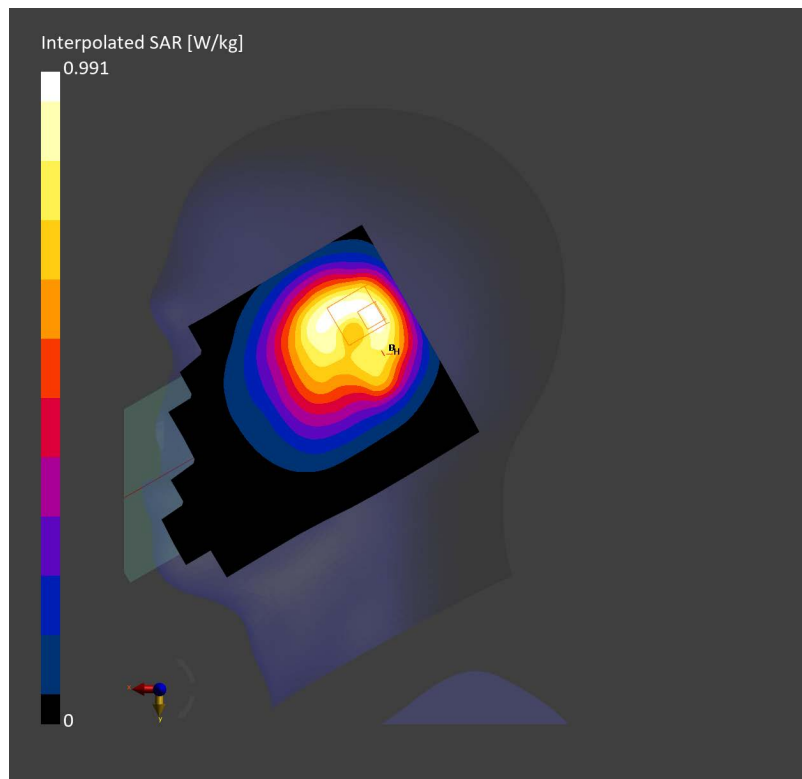
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.01 dB

SAR (1g) = 0.867 W/kg; SAR (10g) = 0.524 W/kg;

M2/M1 [%]=49.1

Dist 3dB Peak [mm]=11.4



X800 LTE Band 71 20M QPSK 1RB50 133322CH Front side 10mm Ant1

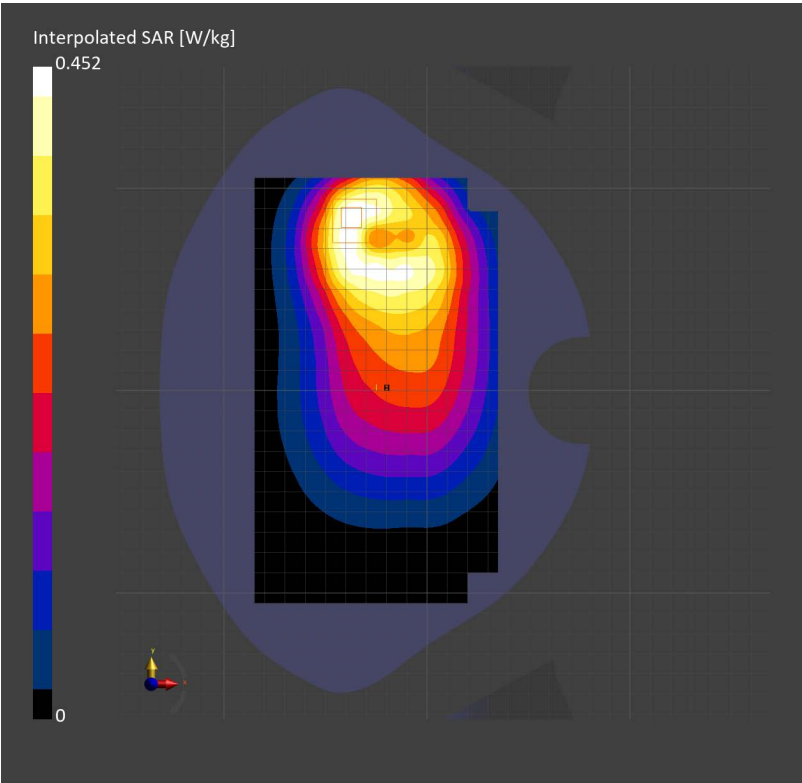
X800

Communication System: Band 71; Frequency: 683.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 683.000$ MHz; $\sigma= 0.833$ S/m; $\epsilon_r = 43.2$

- DASY6 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(9.45, 9.01, 9.28); Calibrated: 2024-11-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn896; Calibrated: 2024-03-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
 - Measurement Software: cDASY6 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.389 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 = -0.04 dB
SAR (1g) = 0.386 W/kg; SAR (10g) = 0.229 W/kg;
M2/M1 [%]=58.4
Dist 3dB Peak [mm]=12.2



Test Laboratory: SGS-SAR Lab

X800 5G NR N7 20M QPSK 1RB1 512000CH Right cheek Ant2

DUT: X800; Type: Mobile Phone; Serial: 016582000014737

Communication System: UID 0, NR (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2560$ MHz; $\sigma = 1.881$ S/m; $\epsilon_r = 39.498$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.18, 7.18, 7.18); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Head/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.34 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.839 V/m; Power Drift = 0.01 dB

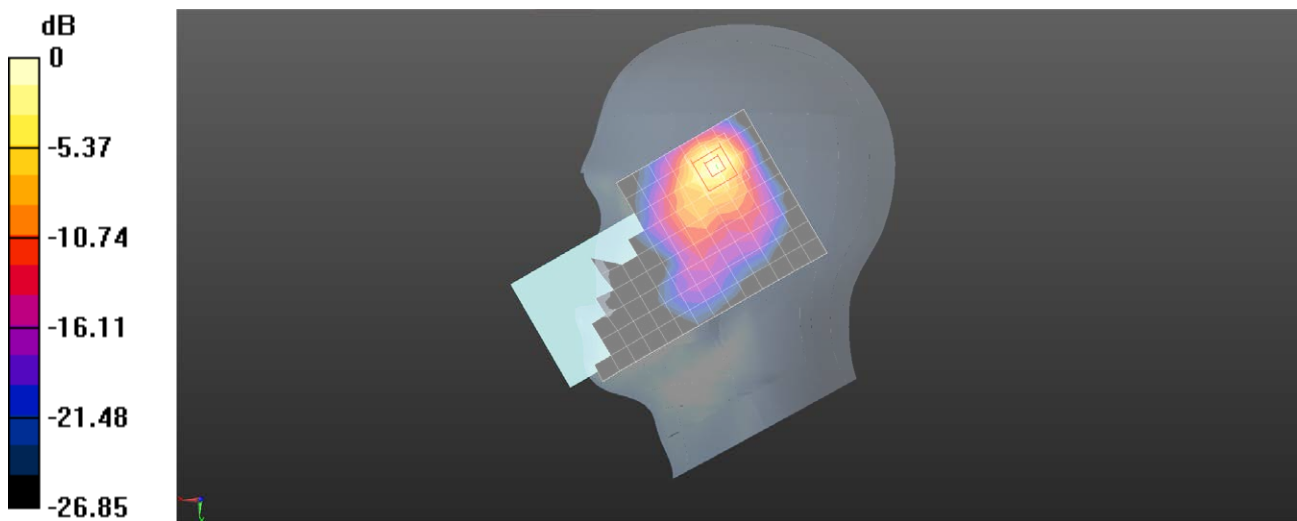
Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 0.846 W/kg; SAR(10 g) = 0.362 W/kg

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 48.2%

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



0 dB = 1.46 W/kg = 1.64 dBW/kg

Test Laboratory: SGS-SAR Lab

X800 5G NR N7 20M QPSK 1RB1 512000CH Left side 0mm Ant2

DUT: X800; Type: Mobile Phone; Serial: 016582000014737

Communication System: UID 0, NR (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2560$ MHz; $\sigma = 1.881$ S/m; $\epsilon_r = 39.498$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.18, 7.18, 7.18); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 10.3 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.26 V/m; Power Drift = 0.07 dB

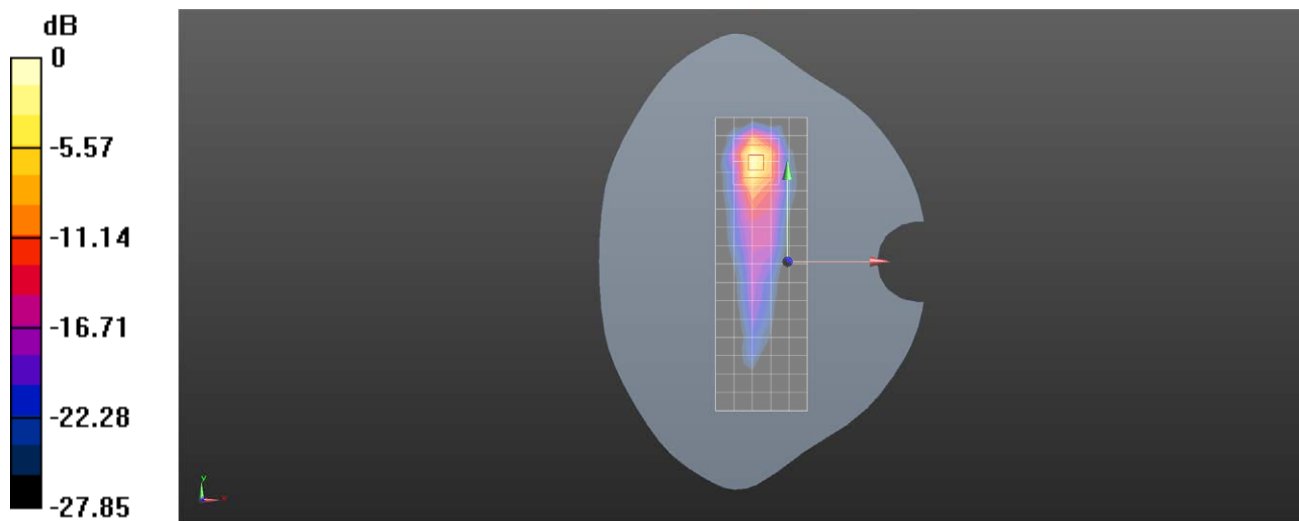
Peak SAR (extrapolated) = 20.2 W/kg

SAR(1 g) = 7.66 W/kg; SAR(10 g) = 2.55 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 41%

Maximum value of SAR (measured) = 15.6 W/kg



0 dB = 15.6 W/kg = 11.93 dBW/kg

Test Laboratory: SGS-SAR Lab

X800 5G NR N7 20M QPSK 50RB28 502000CH Left side 19mm Ant2

DUT: X800; Type: Mobile Phone; Serial: 016582000014737

Communication System: UID 0, NR (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2510$ MHz; $\sigma = 1.82$ S/m; $\epsilon_r = 39.64$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.35, 7.35, 7.35); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (6x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.39 V/m; Power Drift = -0.19 dB

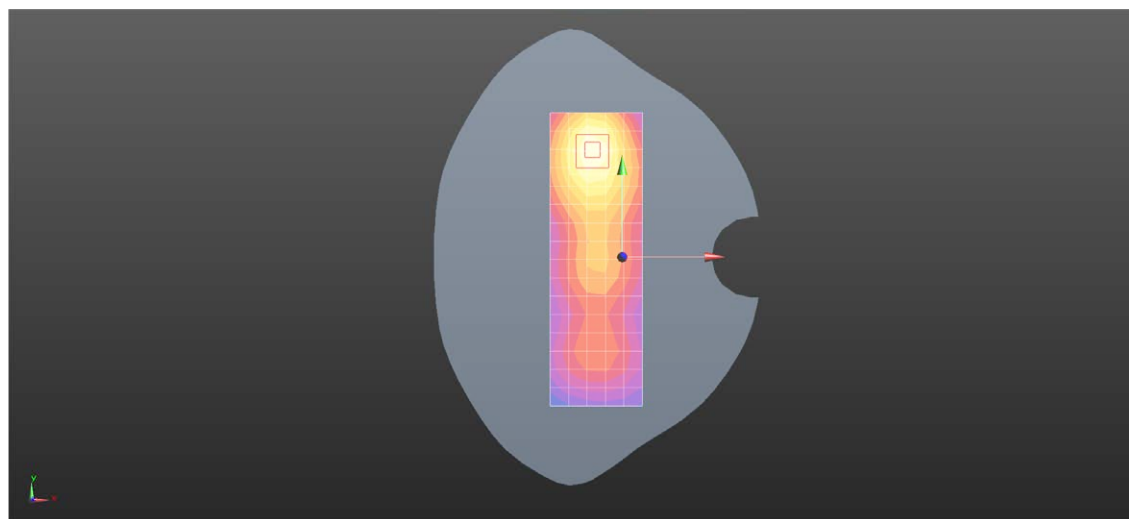
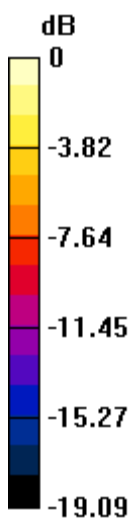
Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 0.969 W/kg; SAR(10 g) = 0.525 W/kg

Smallest distance from peaks to all points 3 dB below = 14.9 mm

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

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



0 dB = 1.47 W/kg = 1.67 dBW/kg

X800 5G NR N14 10M QPSK 1RB1 158600CH Right cheek Ant1

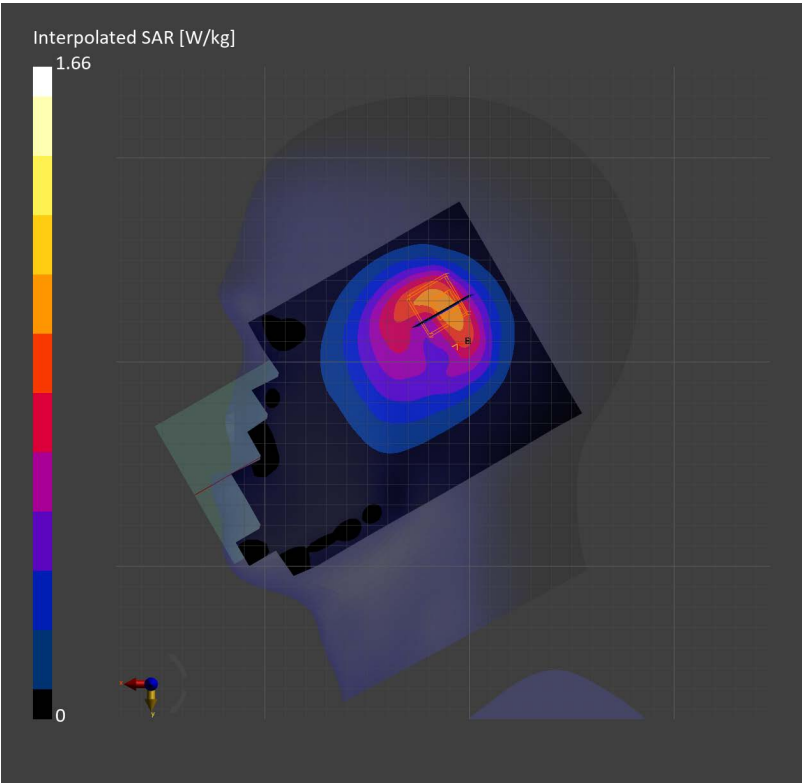
X800

Communication System: Band n14; Frequency: 793.000
Medium: Head Simulating Liquid. Medium parameters used: $f=793.000\text{ MHz}$; $\sigma=0.909\text{ S/m}$; $\epsilon_r=41.4$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(10.65, 10.65, 10.65); Calibrated: 2024-07-17
 - 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) = 0.916 W/kg; SAR (10g) = 0.587 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) = 0.862 W/kg; SAR (10g) = 0.490 W/kg;
M2/M1 [%]=53.5
Dist 3dB Peak [mm]=10.8



X800 5G NR N14 10M QPSK 25RB14 158600CH Front side 10mm Ant1

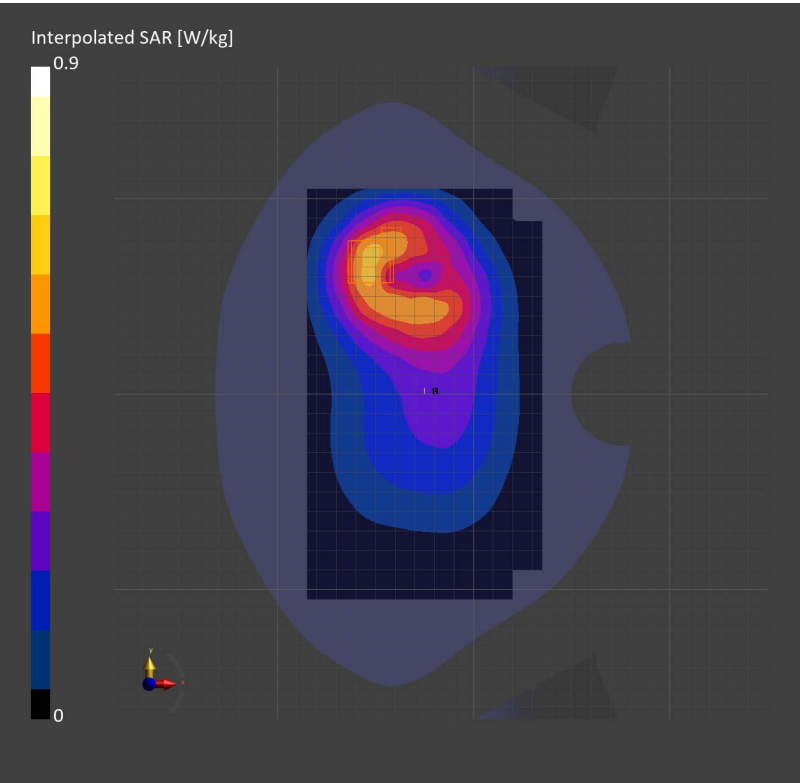
X800

Communication System: Band n14; Frequency: 793.000
Medium: Head Simulating Liquid. Medium parameters used: $f=793.000\text{ MHz}$; $\sigma=0.909\text{ S/m}$; $\epsilon_r=41.4$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(10.65, 10.65, 10.65); Calibrated: 2024-07-17
 - 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) = 0.550 W/kg; SAR (10g) = 0.363 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 = -0.08 dB
SAR (1g) = 0.548 W/kg; SAR (10g) = 0.330 W/kg;
M2/M1 [%]=55.7
Dist 3dB Peak [mm]=12.5



X800 5G NR N25 30M QPSK 1RB1 37300CH Right cheek Ant2**X800**

Communication System: Band n25; Frequency: 1865.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1865.000$ MHz; $\sigma = 1.43$ S/m; $\epsilon_r = 40.6$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(8.51, 8.51, 8.51); Calibrated: 2024-07-17
- 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) = 0.913 W/kg; SAR (10g) = 0.520 W/kg;

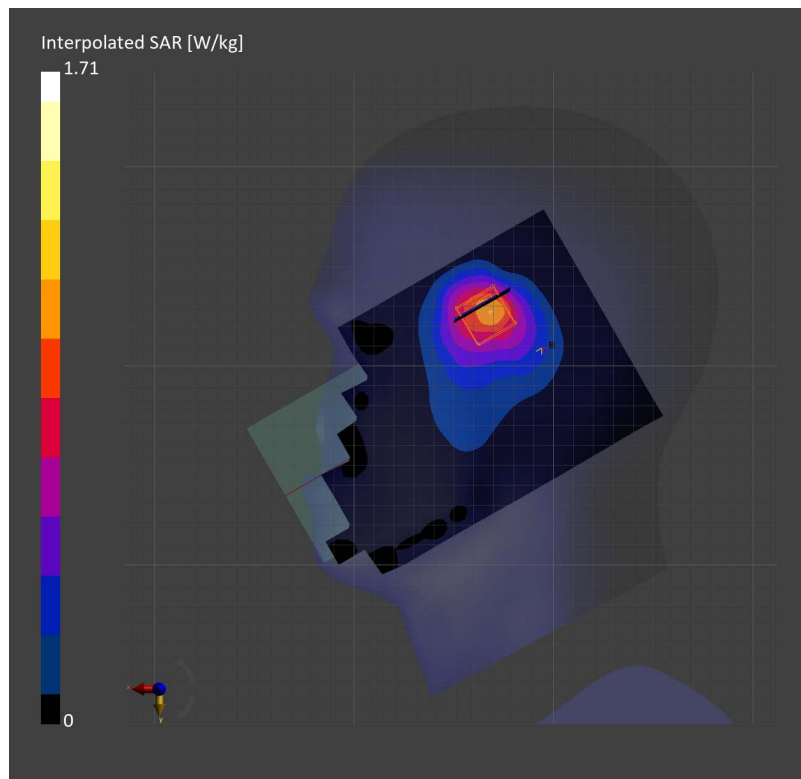
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.00 dB

SAR (1g) = 0.918 W/kg; SAR (10g) = 0.522 W/kg;

M2/M1 [%]=49.3

Dist 3dB Peak [mm]=11.0



X800 5G NR N25 30M QPSK 1RB1 37300CH Back side 10mm Ant2

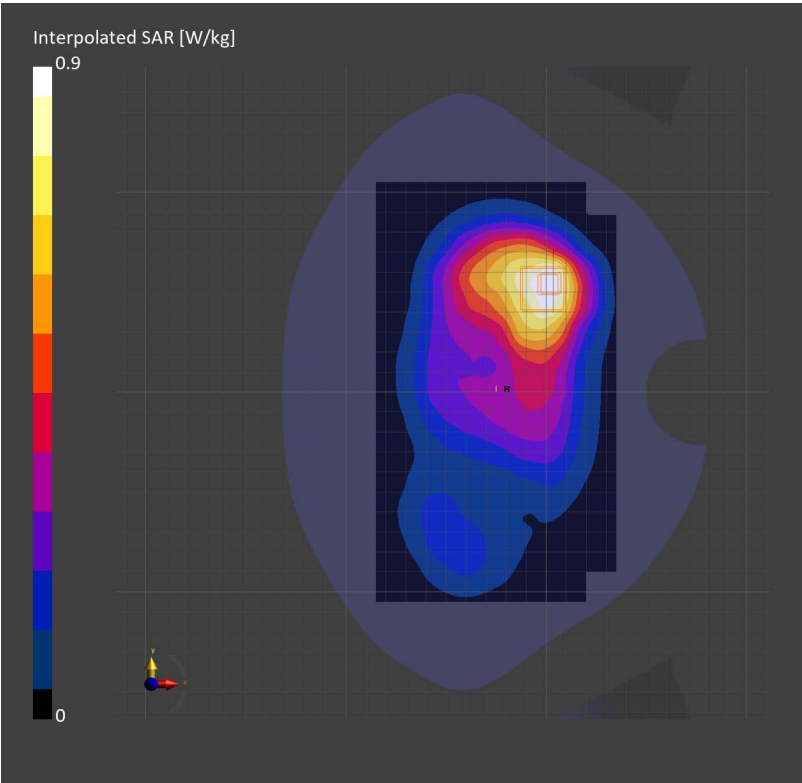
X800

Communication System: Band n25; Frequency: 1865.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 1865.000$ MHz; $\sigma= 1.43$ S/m; $\epsilon_r = 40.6$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(8.51, 8.51, 8.51); Calibrated: 2024-07-17
 - 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) = 0.756 W/kg; SAR (10g) = 0.457 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 = -0.12 dB
SAR (1g) = 0.683 W/kg; SAR (10g) = 0.406 W/kg;
M2/M1 [%]=52.0
Dist 3dB Peak [mm]=14.4



X800 5G NR N26 20M QPSK 1RB1 166300CH Right cheek Ant1

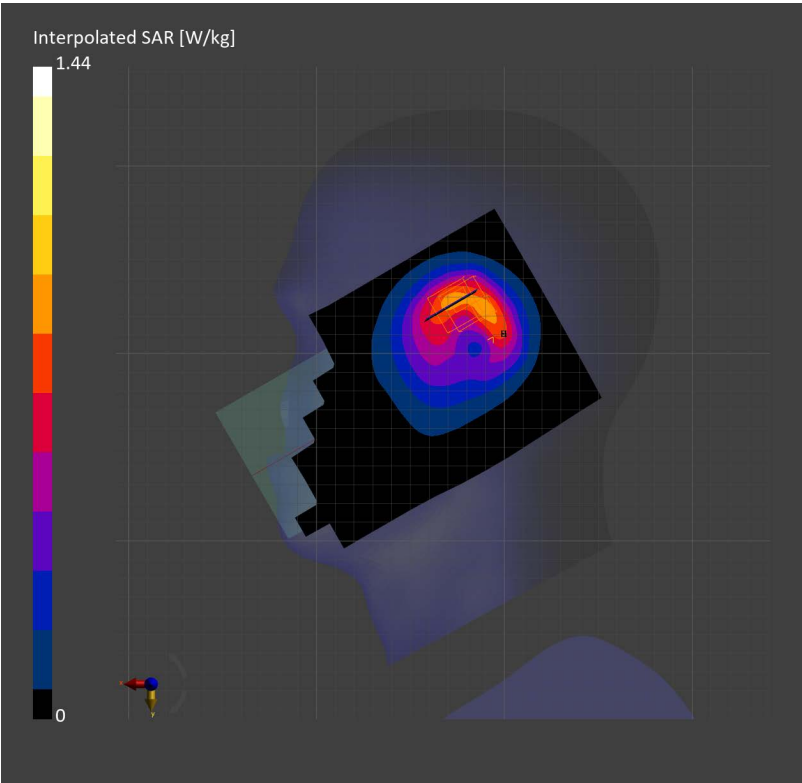
X800

Communication System: Band n26; Frequency: 831.500
Medium: Head Simulating Liquid. Medium parameters used: $f= 831.500$ MHz; $\sigma= 0.888$ S/m; $\epsilon_r = 41.0$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(10.36, 10.36, 10.36); Calibrated: 2024-07-17
 - 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) = 0.762 W/kg; SAR (10g) = 0.489 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) = 0.793 W/kg; SAR (10g) = 0.462 W/kg;
M2/M1 [%]=53.8
Dist 3dB Peak [mm]=11.5



X800 5G NR N26 20M QPSK 50RB28 167800CH Front side 10mm Ant1

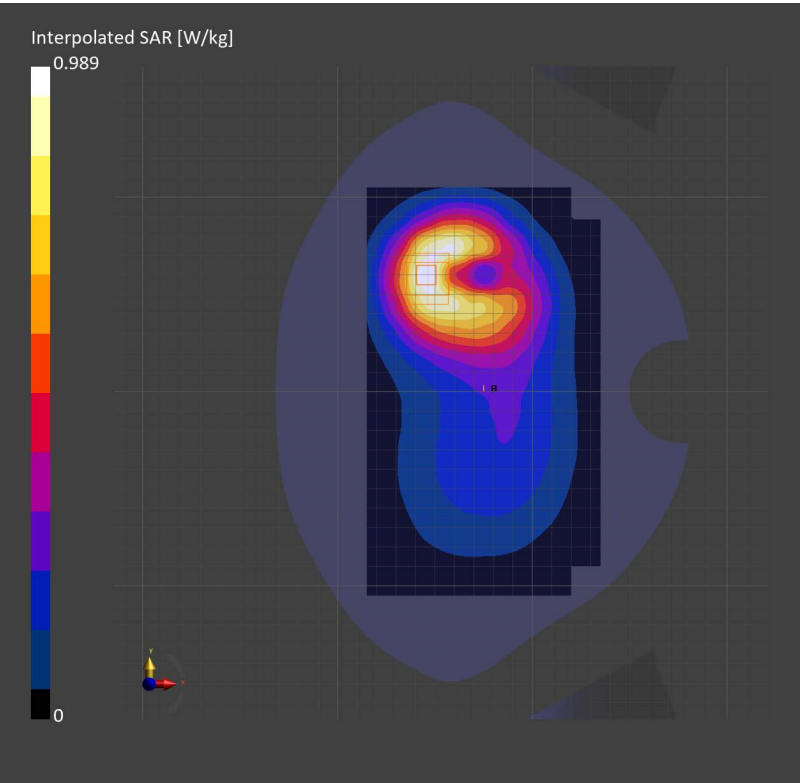
X800

Communication System: Band n26; Frequency: 839.000
Medium: Head Simulating Liquid. Medium parameters used: $f = 839.000$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 41.1$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(10.36, 10.36, 10.36); Calibrated: 2024-07-17
 - 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) = 0.579 W/kg; SAR (10g) = 0.378 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) = 0.595 W/kg; SAR (10g) = 0.368 W/kg;
M2/M1 [%]=58.1
Dist 3dB Peak [mm]=14.8



Test Laboratory: SGS-SAR Lab

X800 5G NR N30 10M QPSK 25RB14 462000CH Right cheek Ant2

DUT: X800; Type: Mobile Phone; Serial: 016582000014737

Communication System: UID 0, NR (0); Frequency: 2310 MHz;Duty Cycle: 1:1

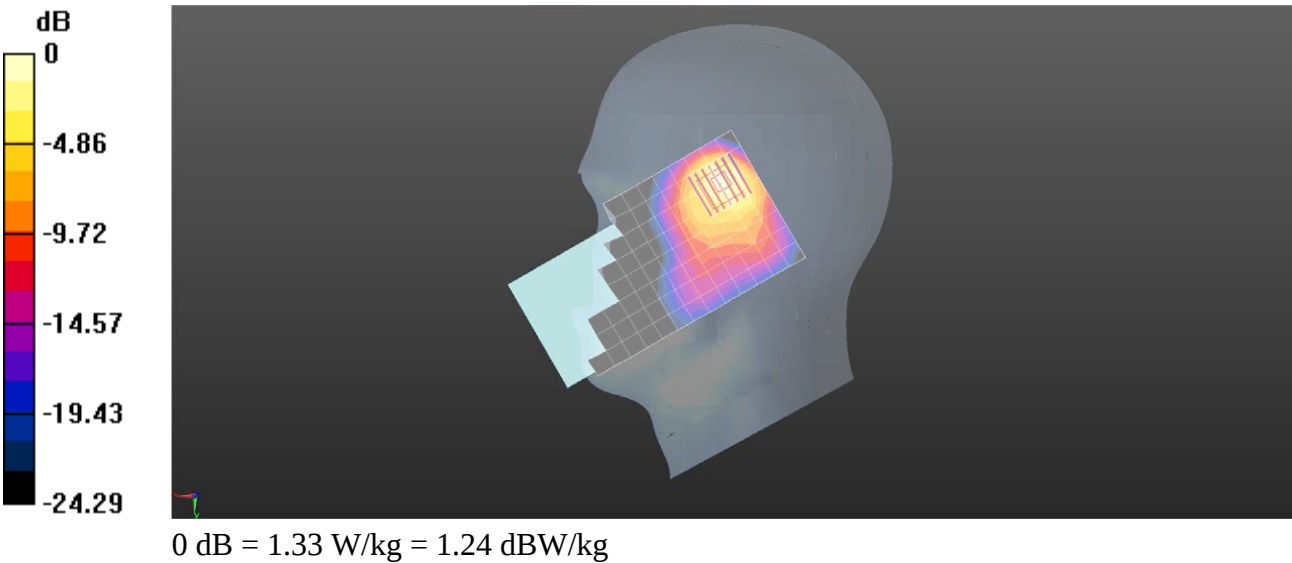
Medium: HSL2300;Medium parameters used: $f = 2310 \text{ MHz}$; $\sigma = 1.639 \text{ S/m}$; $\epsilon_r = 40.491$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.6, 7.6, 7.6); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Head/Area Scan (9x16x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Maximum value of SAR (measured) = 1.35 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 11.39 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 0.847 W/kg; SAR(10 g) = 0.420 W/kg
Smallest distance from peaks to all points 3 dB below = 9.2 mm
Ratio of SAR at M2 to SAR at M1 = 52.4%
Maximum value of SAR (measured) = 1.33 W/kg



Test Laboratory: SGS-SAR Lab

X800 5G NR N30 10M QPSK 1RB50 462000CH Front side 10mm Ant2

DUT: X800; Type: Mobile Phone; Serial: 016582000014737

Communication System: UID 0, NR (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: HSL2300; Medium parameters used: $f = 2310$ MHz; $\sigma = 1.639$ S/m; $\epsilon_r = 40.491$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.6, 7.6, 7.6); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.943 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.888 V/m; Power Drift = -0.06 dB

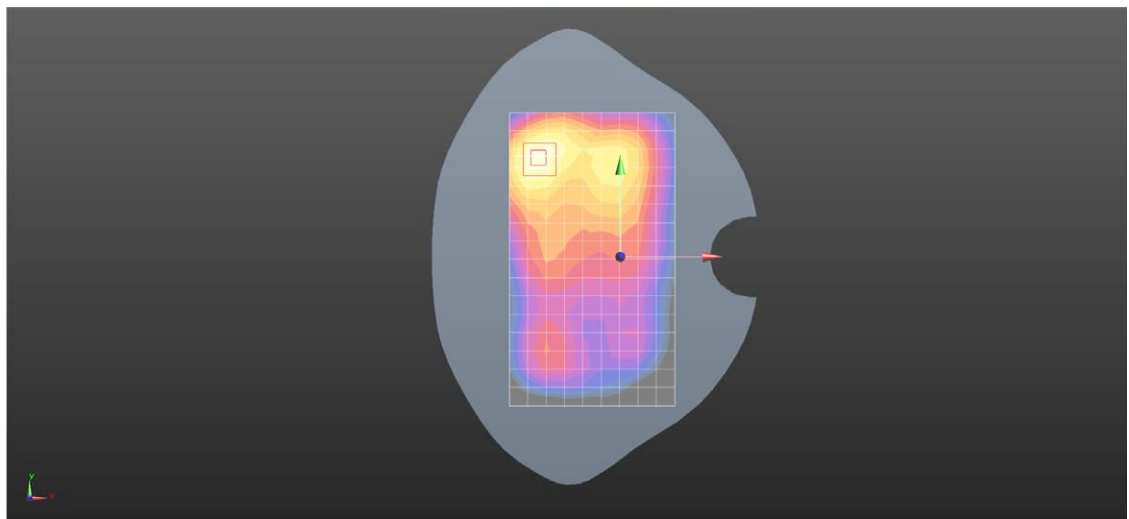
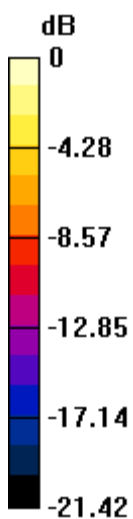
Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.676 W/kg; SAR(10 g) = 0.346 W/kg

Smallest distance from peaks to all points 3 dB below = 12 mm

Ratio of SAR at M2 to SAR at M1 = 50.8%

Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

Test Laboratory: SGS-SAR Lab

X800 5G NR N41 100M QPSK 1RB1 523302CH Right cheek Ant2

DUT: X800; Type: Mobile Phone; Serial: 016582000014737

Communication System: UID 0, NR (0); Frequency: 2616.51 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2617$ MHz; $\sigma = 1.959$ S/m; $\epsilon_r = 38.683$; $\rho = 1200$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.18, 7.18, 7.18); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Head/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm

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

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.975 V/m; Power Drift = 0.04 dB

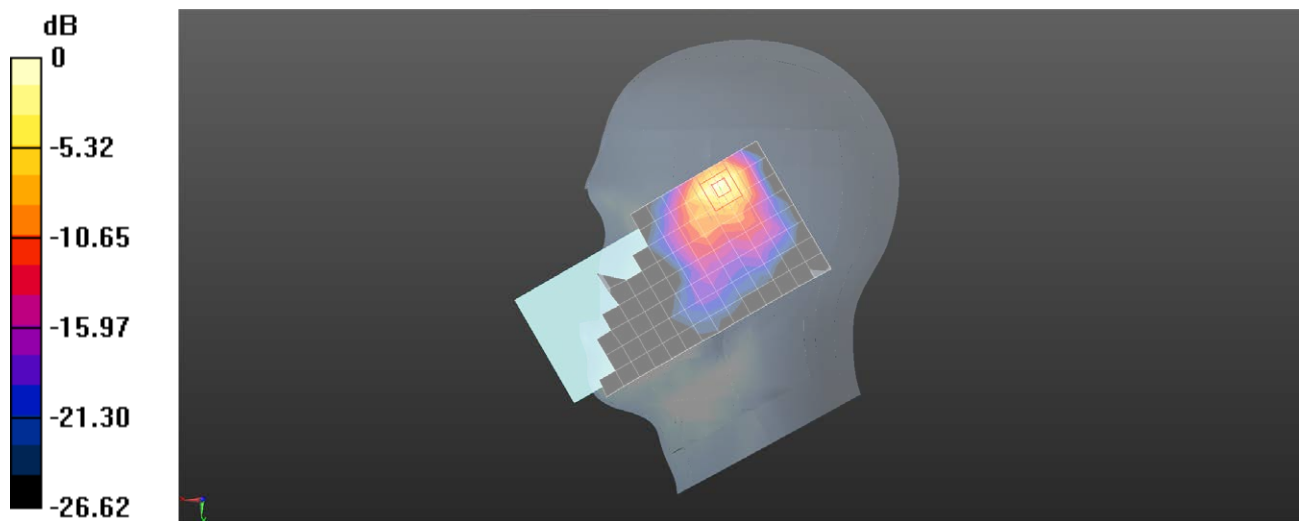
Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 0.890 W/kg; SAR(10 g) = 0.382 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 48%

Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.49 W/kg = 1.73 dBW/kg

Test Laboratory: SGS-SAR Lab

X800 5G NR N41 100M QPSK 1RB137 518598CH Left side 0mm Ant2

DUT: X800; Type: Mobile Phone; Serial: 016582000014737

Communication System: UID 0, NR (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2593$ MHz; $\sigma = 1.944$ S/m; $\epsilon_r = 38.725$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.18, 7.18, 7.18); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 12.1 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.89 V/m; Power Drift = 0.18 dB

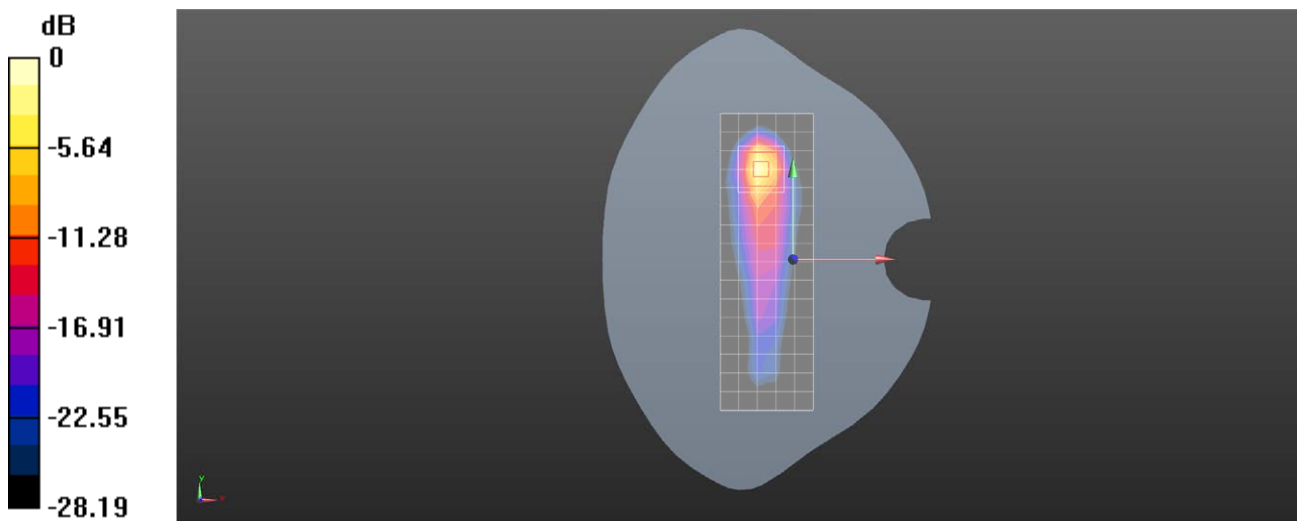
Peak SAR (extrapolated) = 19.3 W/kg

SAR(1 g) = 7.31 W/kg; SAR(10 g) = 2.41 W/kg

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

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

Maximum value of SAR (measured) = 15.0 W/kg



0 dB = 15.0 W/kg = 11.76 dBW/kg

Test Laboratory: SGS-SAR Lab

X800 5G NR N41 100M QPSK 1RB137 518598CH Left side 10mm Ant2

DUT: X800; Type: Mobile Phone; Serial: 016582000014737

Communication System: UID 0, NR (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2593$ MHz; $\sigma = 1.944$ S/m; $\epsilon_r = 38.725$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.18, 7.18, 7.18); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.34 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.999 V/m; Power Drift = 0.10 dB

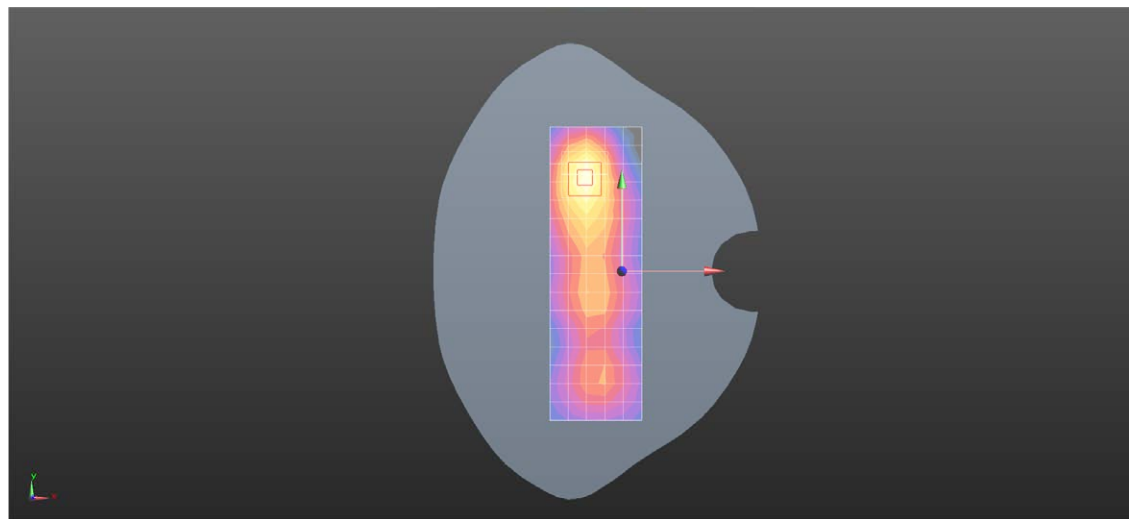
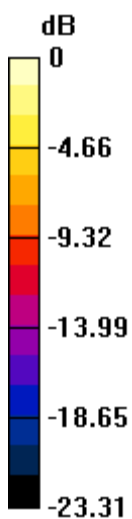
Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.851 W/kg; SAR(10 g) = 0.392 W/kg

Smallest distance from peaks to all points 3 dB below = 9.5 mm

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

Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

X800 5G NR N48 40M QPSK 1RB104 638000CH Right cheek Ant3

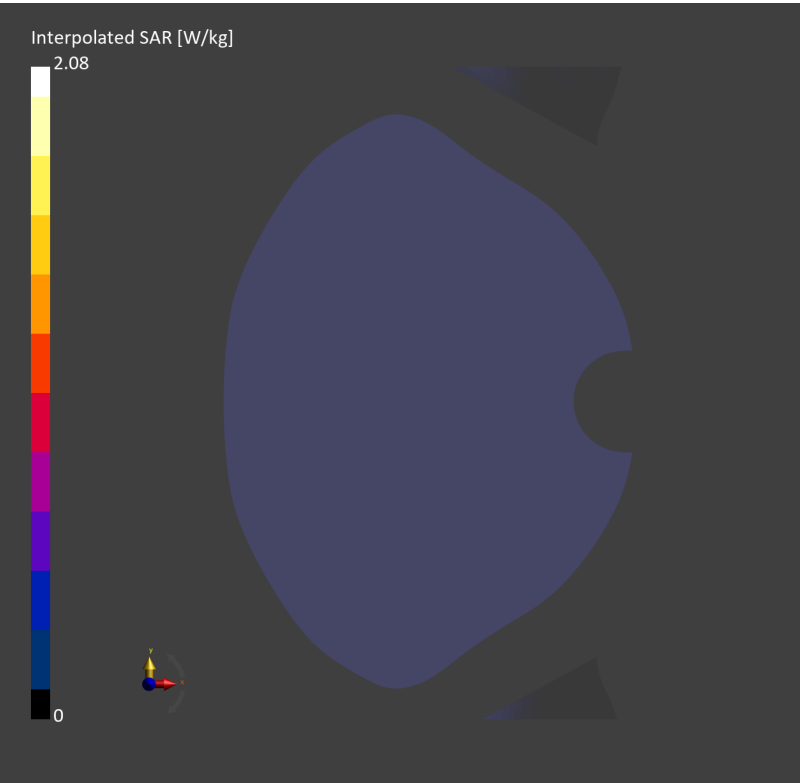
X800

Communication System: Band n48; Frequency: 3569.995
Medium: Head Simulating Liquid. Medium parameters used: $f= 3569.995$ MHz; $\sigma= 2.87$ S/m; $\epsilon_r = 37.1$

- 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) = 0.914 W/kg; SAR (10g) = 0.402 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) = 0.887 W/kg; SAR (10g) = 0.392 W/kg;
M2/M1 [%]=37.8
Dist 3dB Peak [mm]=10.9



X800 5G NR N48 40M QPSK 50RB28 645332CH Left side 10mm Ant3

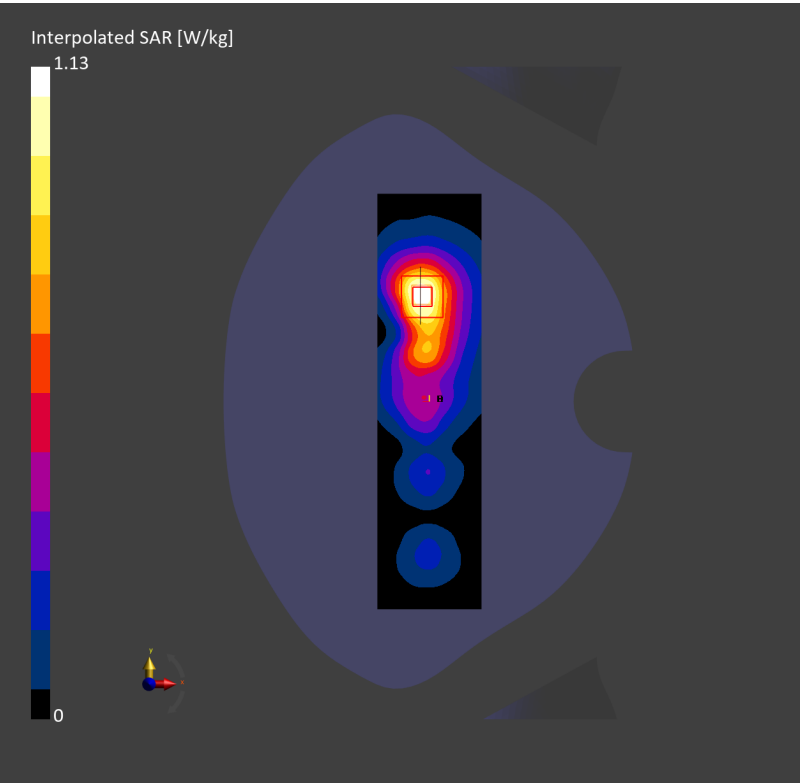
X800

Communication System: Band n48; Frequency: 3679.975
Medium: Head Simulating Liquid. Medium parameters used: $f= 3679.975$ MHz; $\sigma= 2.96$ S/m; $\epsilon_r = 36.7$

- 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 (60.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.464 W/kg; SAR (10g) = 0.216 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) = 0.474 W/kg; SAR (10g) = 0.210 W/kg;
M2/M1 [%]=36.1
Dist 3dB Peak [mm]=12.1



X800 5G NR N66 30M QPSK 1RB158 353000CH Right cheek Ant2

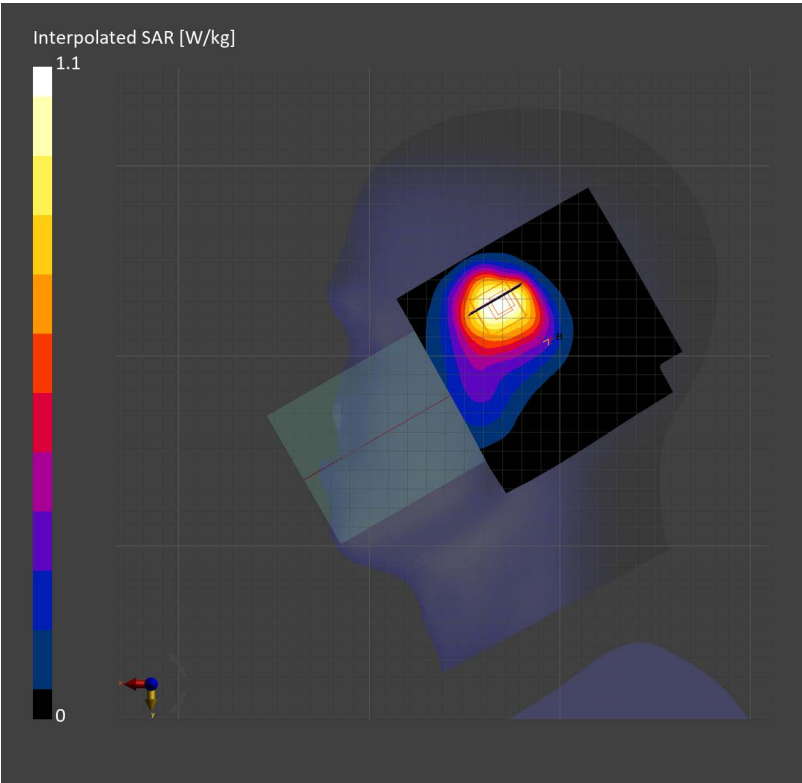
X800

Communication System: Band n66; Frequency: 1765.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 1765.000$ MHz; $\sigma= 1.26$ S/m; $\epsilon_r = 40.2$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(8.85, 8.85, 8.85); Calibrated: 2024-07-17
 - 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 (105.0 mm x 105.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.928 W/kg; SAR (10g) = 0.546 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) = 0.951 W/kg; SAR (10g) = 0.548 W/kg;
M2/M1 [%]=53.5
Dist 3dB Peak [mm]=12.5



X800 5G NR N66 30M QPSK 1RB158 353000CH Back side 10mm Ant2

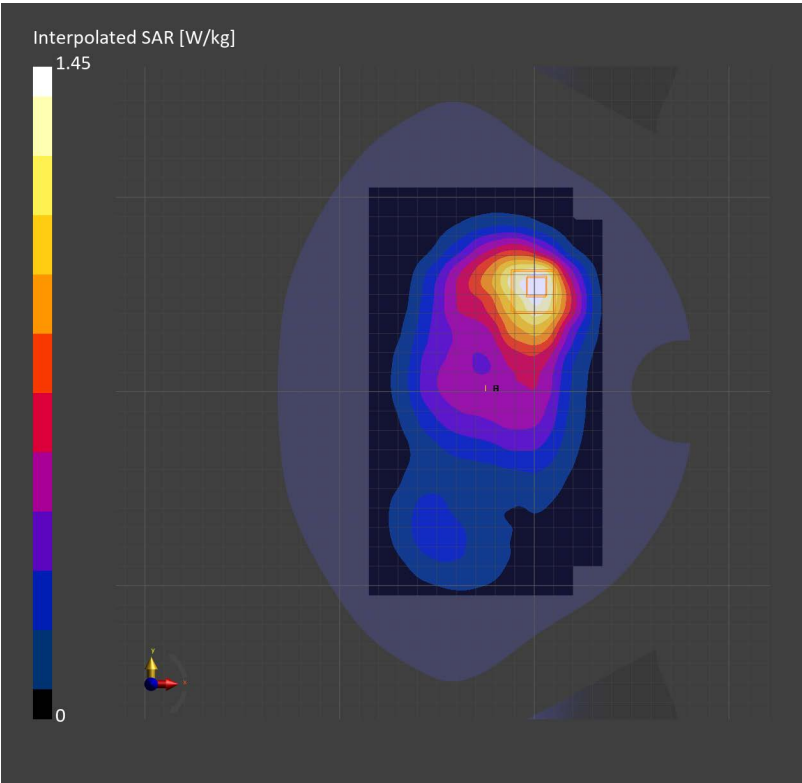
X800

Communication System: Band n66; Frequency: 1765.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 1765.000$ MHz; $\sigma= 1.40$ S/m; $\epsilon_r = 40.6$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(8.85, 8.85, 8.85); Calibrated: 2024-07-17
 - 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) = 0.898 W/kg; SAR (10g) = 0.541 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 15.0 mm
Power Drift = -0.10 dB
SAR (1g) = 0.916 W/kg; SAR (10g) = 0.523 W/kg;
M2/M1 [%]=52.5
Dist 3dB Peak [mm]=15.8



X800 5G NR N70 15M QPSK 1RB40 304500CH Left cheek Ant5**X800**

Communication System: Band n70; Frequency: 1702.500

Medium: Head Simulating Liquid. Medium parameters used: $f = 1702.500$ MHz; $\sigma = 1.37$ S/m; $\epsilon_r = 40.7$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(8.85, 8.85, 8.85); Calibrated: 2024-07-17
- 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 (105.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.411 W/kg; SAR (10g) = 0.247 W/kg;

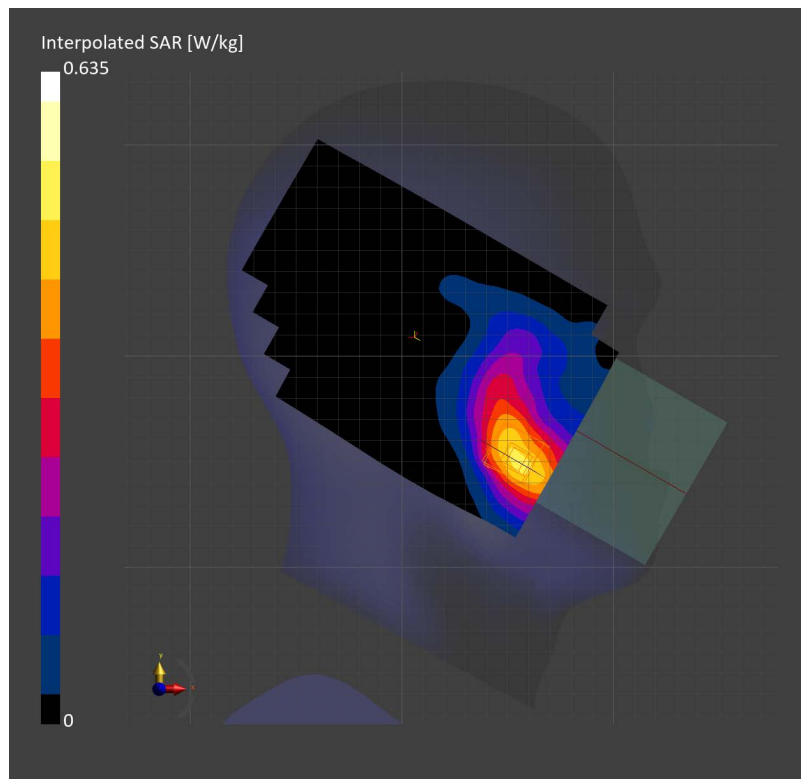
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.10 dB

SAR (1g) = 0.437 W/kg; SAR (10g) = 0.281 W/kg;

M2/M1 [%]=67.4

Dist 3dB Peak [mm]=14.1



Test Laboratory: SGS-SAR Lab

X800 5G NR N70 15M QPSK 1RB77 340500CH Back side 10mm Ant5

DUT: X800; Type: Mobile Phone; Serial: 016582000014737

Communication System: UID 0, NR (0); Frequency: 1702.5 MHz;Duty Cycle: 1:1

Medium: HSL1750;Medium parameters used (interpolated): $f = 1702.5 \text{ MHz}$; $\sigma = 1.356 \text{ S/m}$; $\epsilon_r = 40.62$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(8.02, 8.02, 8.02); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.909 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.57 V/m; Power Drift = -0.04 dB

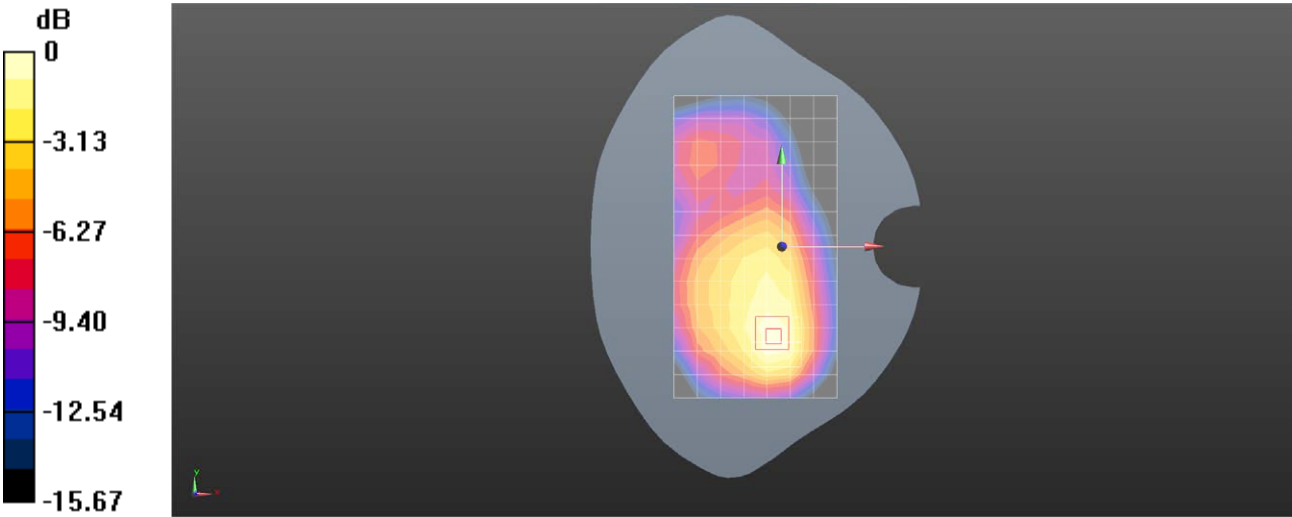
Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.715 W/kg; SAR(10 g) = 0.446 W/kg

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

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

Maximum value of SAR (measured) = 0.985 W/kg



0 dB = 0.985 W/kg = -0.07 dBW/kg

X800 5G NR N71 20M QPSK 1RB1 134600CH Left cheek Ant1**X800**

Communication System: Band n71; Frequency: 673.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 673.000$ MHz; $\sigma = 0.859$ S/m; $\epsilon_r = 41.9$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(10.65, 10.65, 10.65); Calibrated: 2024-07-17
- 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 (105.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.722 W/kg; SAR (10g) = 0.456 W/kg;

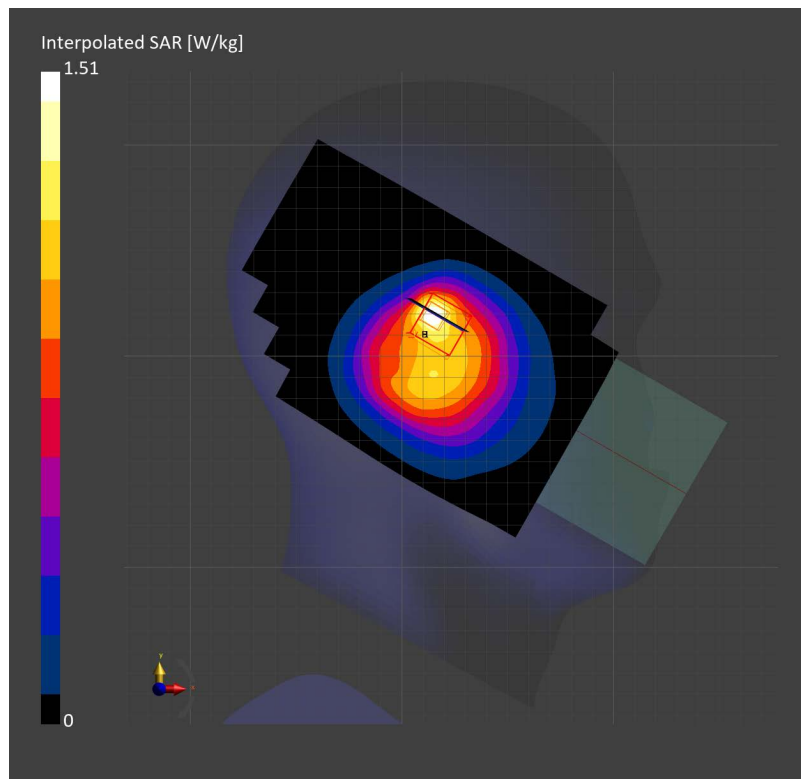
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.12 dB

SAR (1g) = 0.723 W/kg; SAR (10g) = 0.425 W/kg;

M2/M1 [%]=49.7

Dist 3dB Peak [mm]=> 16.0



X800 5G NR N71 20M QPSK 50RB28 134600CH Front side 10mm Ant1

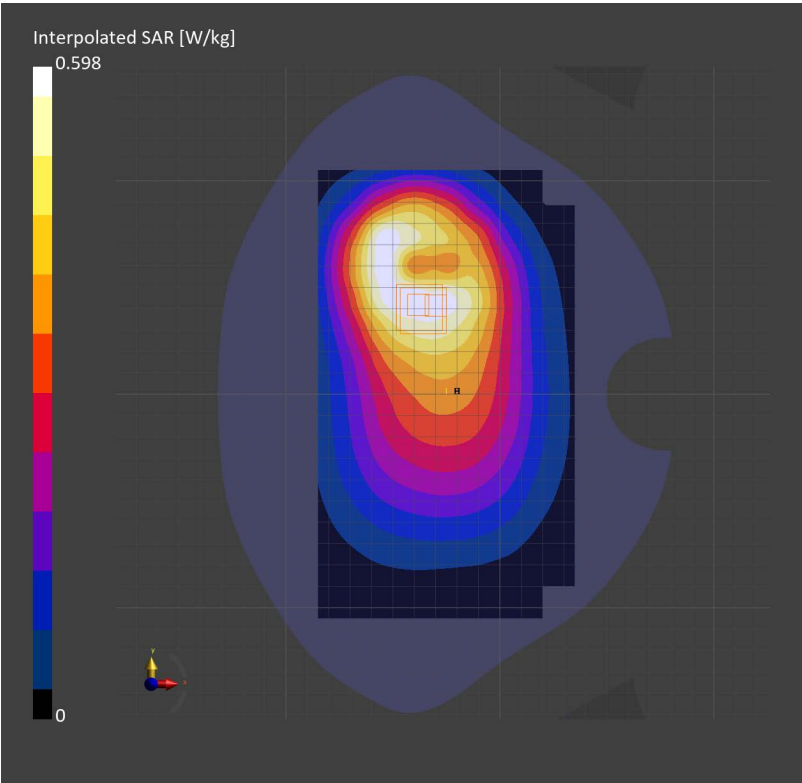
X800

Communication System: Band n71; Frequency: 673.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 673.000$ MHz; $\sigma= 0.859$ S/m; $\epsilon_r = 41.9$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(10.65, 10.65, 10.65); Calibrated: 2024-07-17
 - 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) = 0.365 W/kg; SAR (10g) = 0.255 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) = 0.379 W/kg; SAR (10g) = 0.268 W/kg;
M2/M1 [%]=58.2
Dist 3dB Peak [mm]=> 16.0



X800 5G NR N77 100M QPSK 1RB271 633334CH Right cheek Ant7

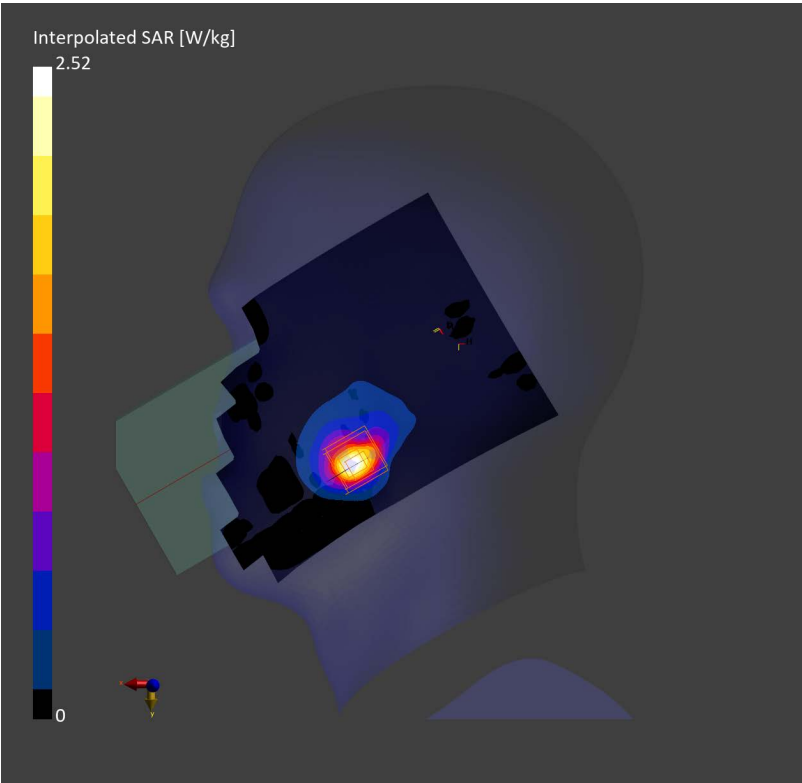
X800

Communication System: Band n77; Frequency: 3500.010
Medium: Head Simulating Liquid. Medium parameters used: $f= 3500.010$ MHz; $\sigma= 2.81$ S/m; $\epsilon_r = 37.4$

- 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) = 0.976 W/kg; SAR (10g) = 0.371 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) = 1.00 W/kg; SAR (10g) = 0.364 W/kg;
M2/M1 [%]=34.5
Dist 3dB Peak [mm]=7.4



X800 5G NR N77 100M QPSK 1RB271 633334CH Right side 10mm Ant7

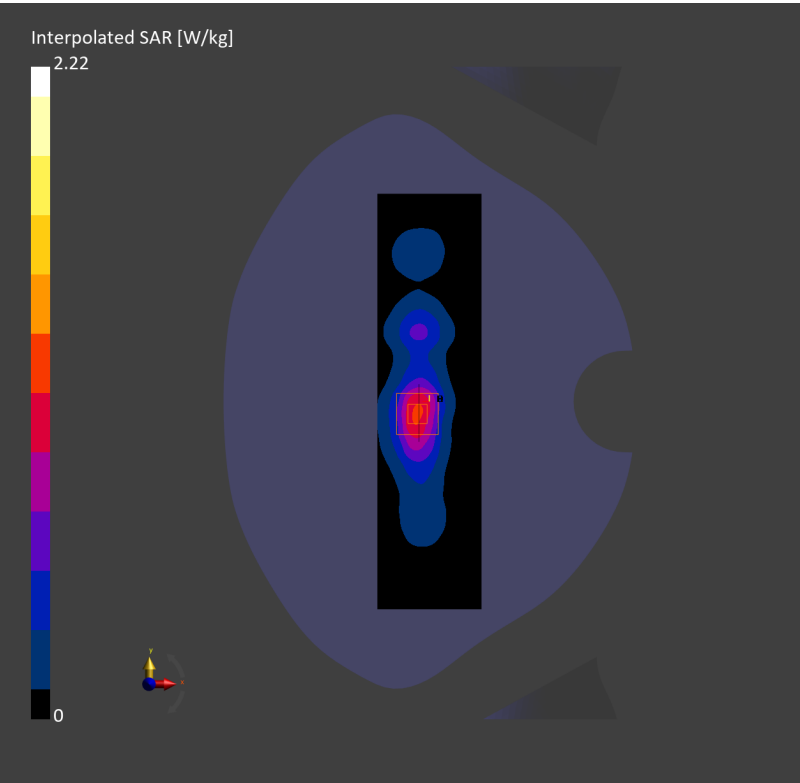
X800

Communication System: Band n77; Frequency: 3500.010
Medium: Head Simulating Liquid. Medium parameters used: $f= 3500.010$ MHz; $\sigma= 2.81$ S/m; $\epsilon_r = 37.4$

- 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 (60.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.869 W/kg; SAR (10g) = 0.389 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) = 0.942 W/kg; SAR (10g) = 0.396 W/kg;
M2/M1 [%]=37.7
Dist 3dB Peak [mm]=9.0



Test Laboratory: SGS-SAR Lab

X800 WIFI 2.4G 802.11b 6CH Left cheek MIMO

DUT: X800; Type: Mobile Phone; Serial: 016582000014737

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1.015

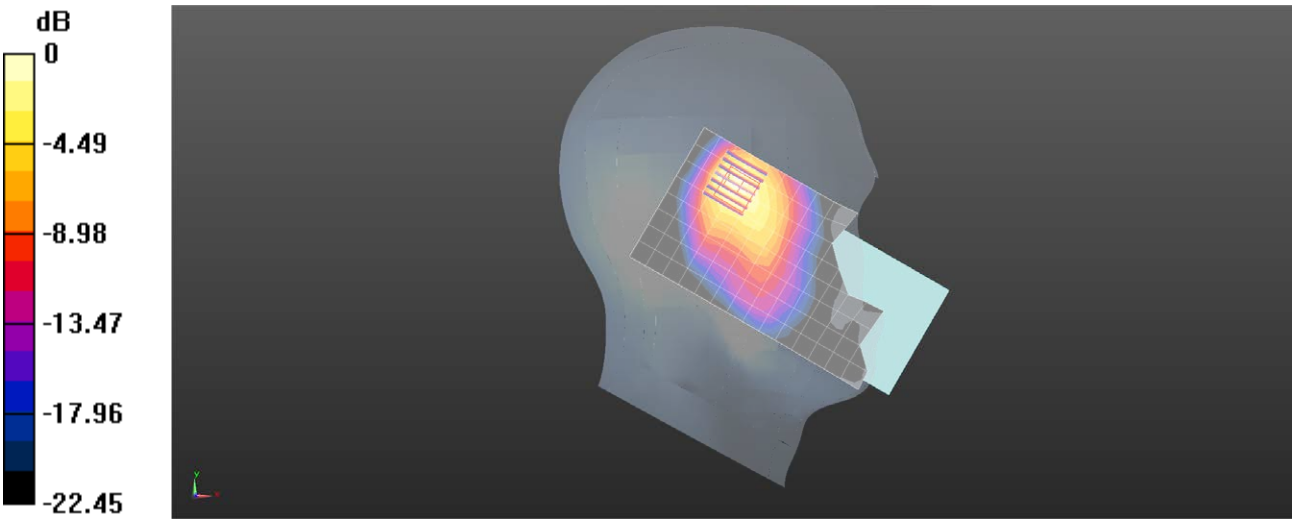
Medium: HSL2450;Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.742 \text{ S/m}$; $\epsilon_r = 39.894$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.35, 7.35, 7.35); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Head/Area Scan (9x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Maximum value of SAR (measured) = 1.13 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 7.523 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 0.794 W/kg; SAR(10 g) = 0.405 W/kg
Smallest distance from peaks to all points 3 dB below = 9.2 mm
Ratio of SAR at M2 to SAR at M1 = 48%
Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 1.23 W/kg = 0.90 dBW/kg

Test Laboratory: SGS-SAR Lab

X800 WIFI 2.4G 802.11b 6CH Back side 10mm MIMO

DUT: X800; Type: Mobile Phone; Serial: 016582000014737

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1.015

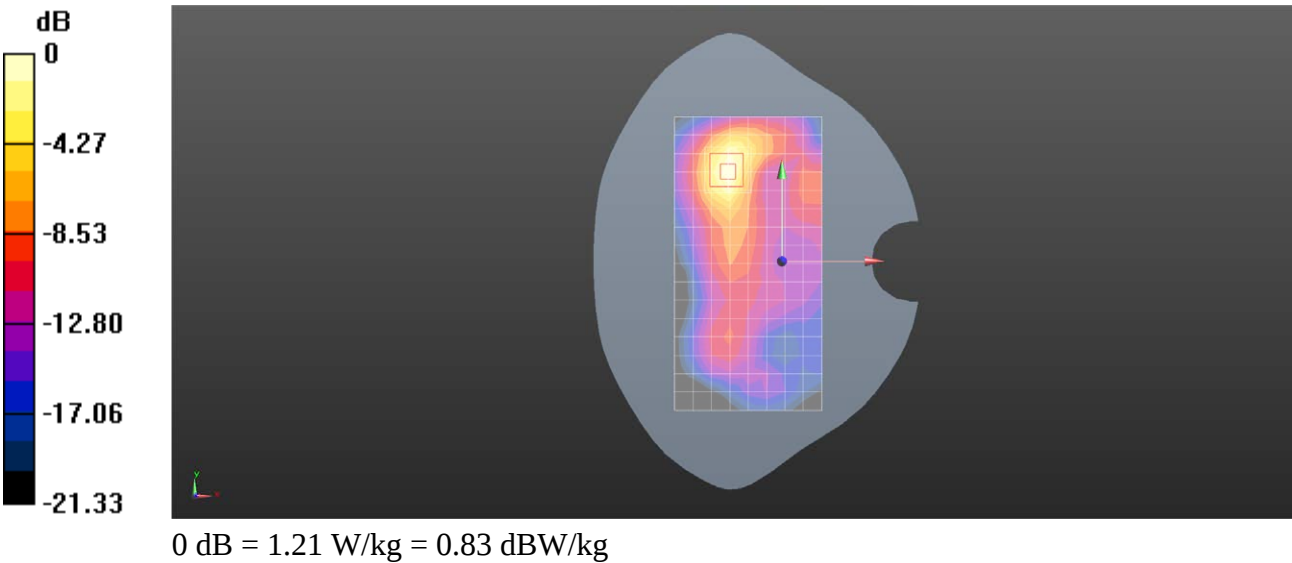
Medium: HSL2450;Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.742 \text{ S/m}$; $\epsilon_r = 39.894$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.35, 7.35, 7.35); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Maximum value of SAR (measured) = 1.27 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 6.933 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.774 W/kg; SAR(10 g) = 0.375 W/kg
Smallest distance from peaks to all points 3 dB below = 9.1 mm
Ratio of SAR at M2 to SAR at M1 = 54.6%
Maximum value of SAR (measured) = 1.21 W/kg



X800 WIFI 5G 802.11ac 80M 138CH Left cheek MIMO

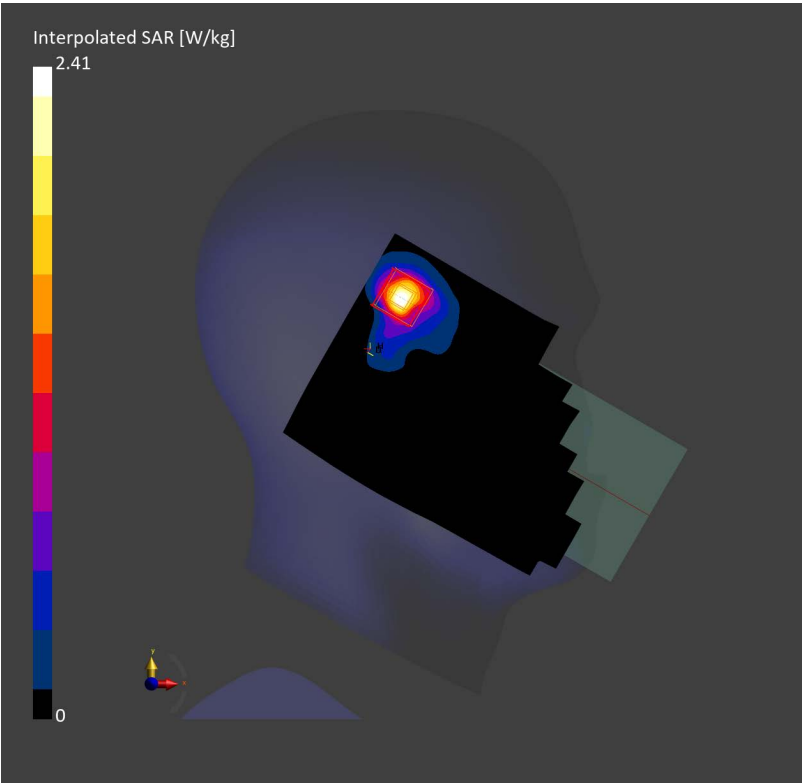
X800

Communication System: WLAN 5GHz; Frequency: 5690.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 5690.000$ MHz; $\sigma= 5.23$ S/m; $\epsilon_r = 35.1$

- 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) = 0.614 W/kg; SAR (10g) = 0.200 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) = 0.539 W/kg; SAR (10g) = 0.148 W/kg;
M2/M1 [%]=58.2
Dist 3dB Peak [mm]=6.8



X800 WIFI 5G 802.11ac 80M 138CH Back side 10mm MIMO

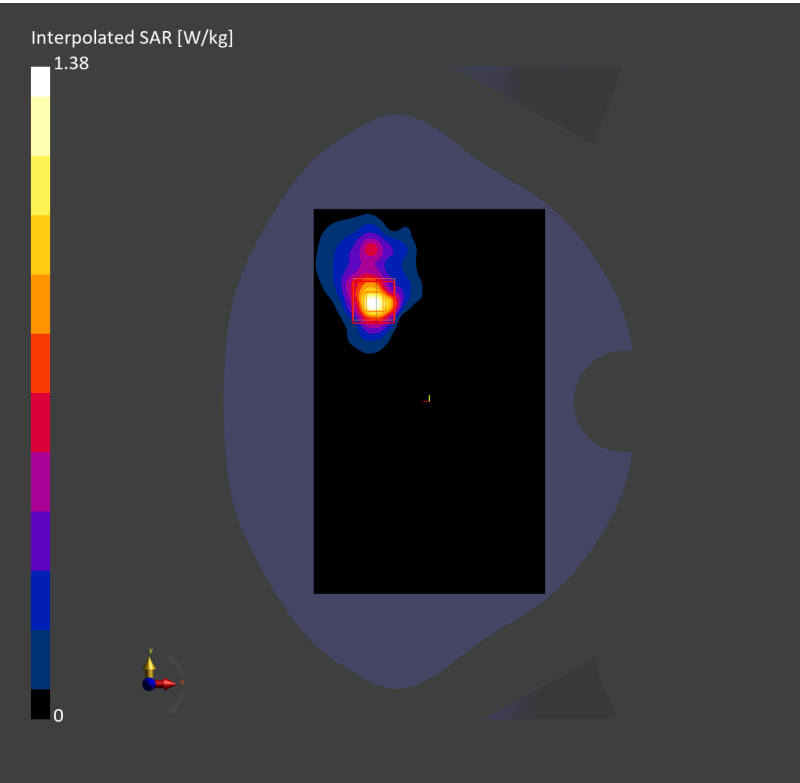
X800

Communication System: WLAN 5GHz; Frequency: 5690.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 5690.000$ MHz; $\sigma= 5.23$ S/m; $\epsilon_r = 35.1$

- 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) = 0.310 W/kg; SAR (10g) = 0.104 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 = -0.04 dB
SAR (1g) = 0.333 W/kg; SAR (10g) = 0.094 W/kg;
M2/M1 [%]=58.4
Dist 3dB Peak [mm]=8.0



X800 WIFI 5G 802.11ac 80M 138CH Right side 0mm MIMO

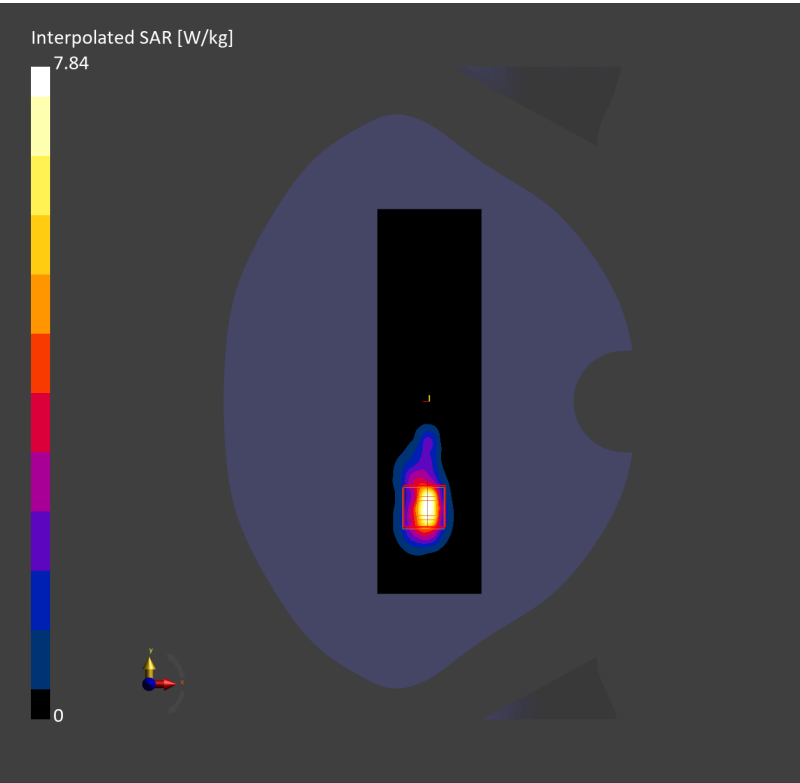
X800

Communication System: WLAN 5GHz; Frequency: 5690.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 5690.000$ MHz; $\sigma= 5.23$ S/m; $\epsilon_r = 35.1$

- 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 (50.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 1.53 W/kg; SAR (10g) = 0.478 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 = 0.09 dB
SAR (1g) = 1.64 W/kg; SAR (10g) = 0.473 W/kg;
M2/M1 [%]=56.2
Dist 3dB Peak [mm]=5.7



X800 WIFI 6E 802.11ax 160M 143CH Left cheek MIMO

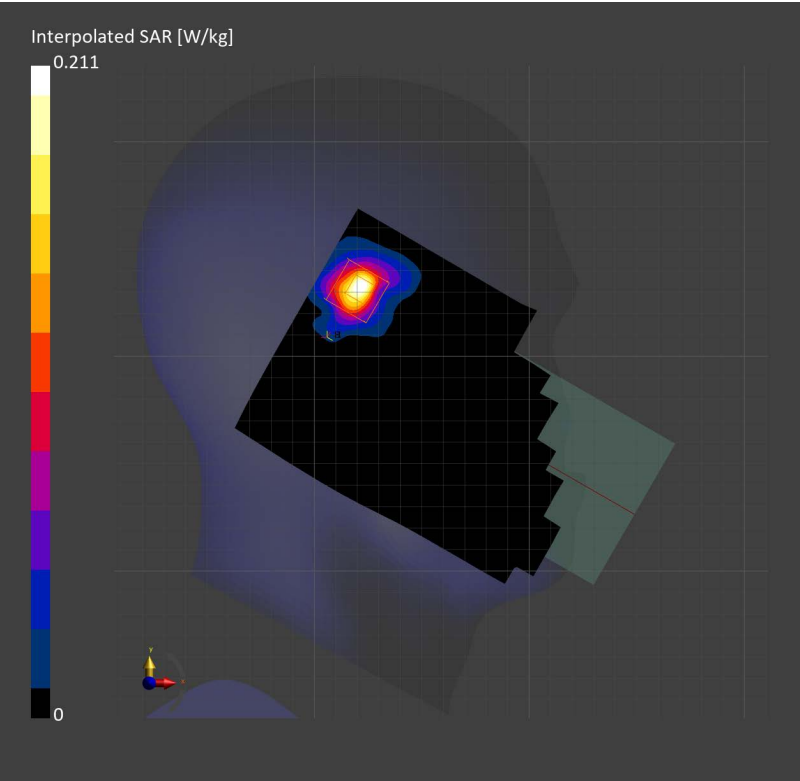
X800

Communication System: U-NII-7; Frequency: 6665.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 6665.000$ MHz; $\sigma= 6.55$ S/m; $\epsilon_r = 33.9$

- DASY6 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(5.2, 4.96, 5.11); Calibrated: 2024-11-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn896; Calibrated: 2024-03-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
 - Measurement Software: cDASY6 V16.4.0.5005

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.154 W/kg; SAR (10g) = 0.050 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm
Power Drift = -0.80 dB
SAR (1g) = 0.198 W/kg; SAR (10g) = 0.067 W/kg;
psAPD (4.0cm2)=0.481 W/m2
M2/M1 [%]=52.7
Dist 3dB Peak [mm]=6.9



X800 WIFI 6E 802.11ax 160M 143CH Back side 10mm Ant10

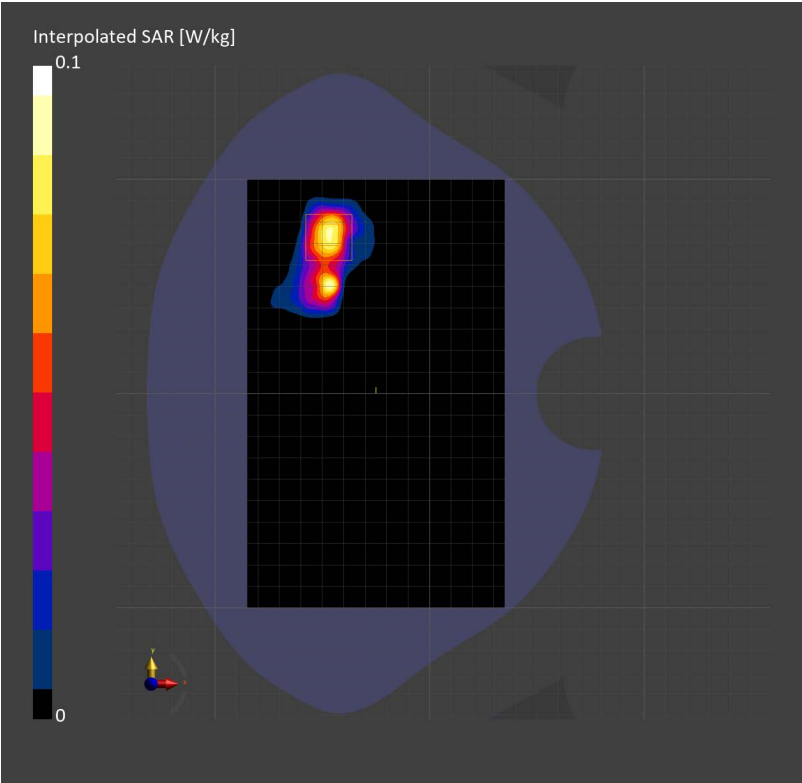
X800

Communication System: U-NII-7; Frequency: 6665.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 6665.000$ MHz; $\sigma= 6.55$ S/m; $\epsilon_r = 33.9$

- DASY6 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(5.2, 4.96, 5.11); Calibrated: 2024-11-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn896; Calibrated: 2024-03-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
 - Measurement Software: cDASY6 V16.4.0.5005

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.068 W/kg; SAR (10g) = 0.023 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm
Power Drift = -0.08 dB
SAR (1g) = 0.068 W/kg; SAR (10g) = 0.022 W/kg;
SAR (1g) = 0.068 W/kg; SAR (10g) = 0.022 W/kg;
psAPD (4.0cm2)=1.51 W/m2
M2/M1 [%]=54.9
Dist 3dB Peak [mm]=5.9



X800 WIFI 6E 802.11ax 160M 143CH Right side 0mm MIMO

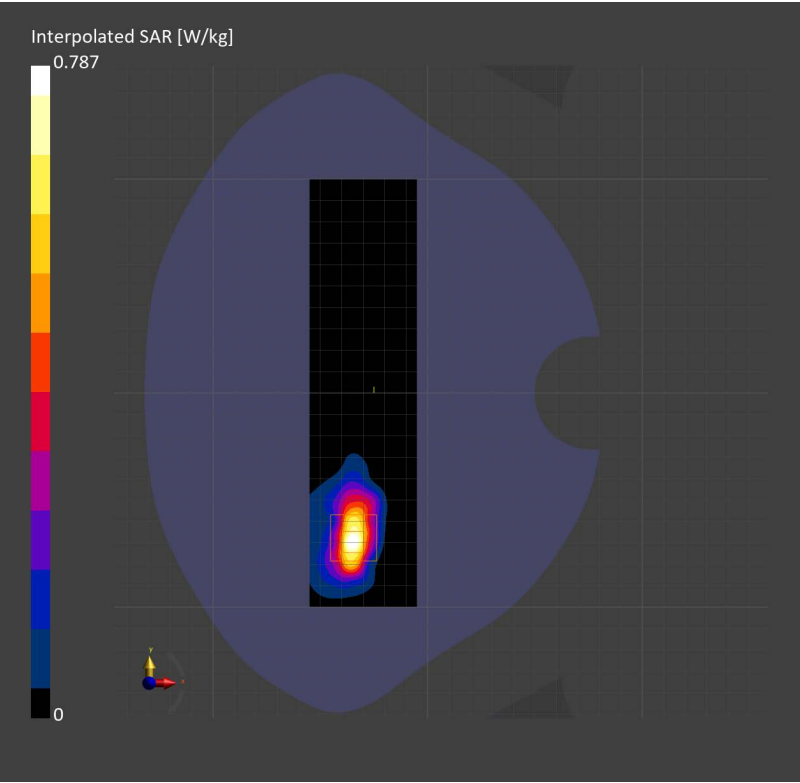
X800

Communication System: U-NII-7; Frequency: 6665.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 6665.000$ MHz; $\sigma= 6.55$ S/m; $\epsilon_r = 33.9$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(5.2, 4.96, 5.11); Calibrated: 2024-11-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn896; Calibrated: 2024-03-18
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
 - Measurement Software: cDASY6 V16.4.0.5005

Area Scan (40.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.582 W/kg; SAR (10g) = 0.190 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm
Power Drift = 0.02 dB
SAR (1g) = 0.614 W/kg; SAR (10g) = 0.197 W/kg;
psAPD (4.0cm2)=4.46 W/m2
M2/M1 [%]=51.7
Dist 3dB Peak [mm]=5.9



Test Laboratory: SGS-SAR Lab

X800 Bluetooth DH5 39CH Left cheek Ant9

DUT: X800; Type: Mobile Phone; Serial: 016582000014737

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.299

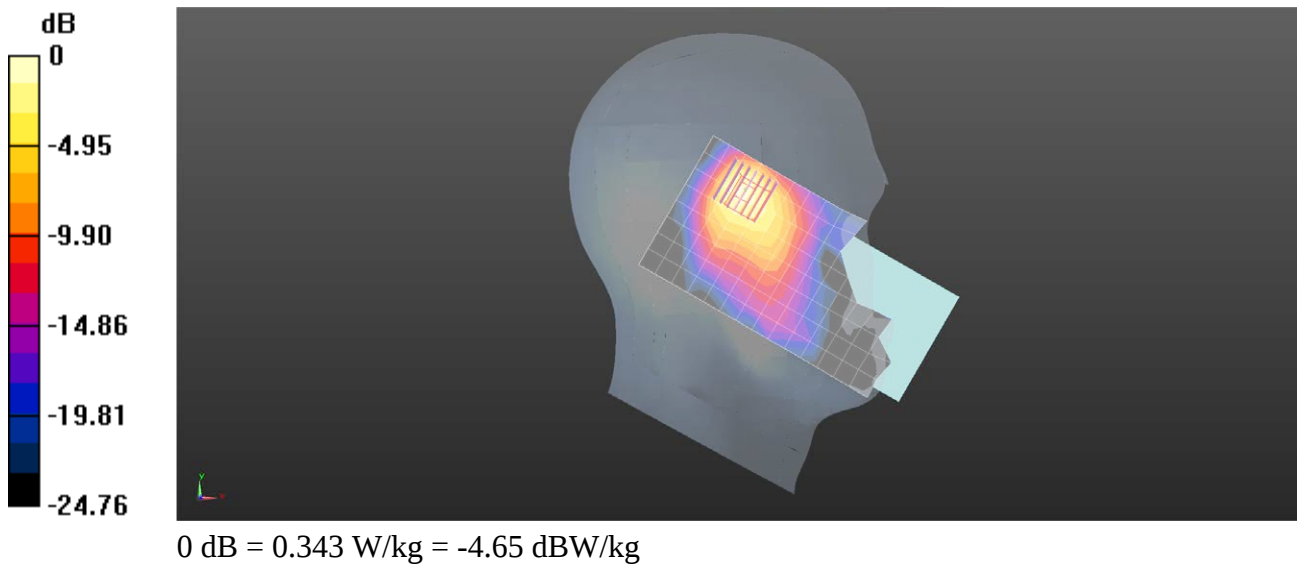
Medium: HSL2450;Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.746 \text{ S/m}$; $\epsilon_r = 39.884$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.35, 7.35, 7.35); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Head/Area Scan (9x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Maximum value of SAR (measured) = 0.316 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 4.561 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.430 W/kg
SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.112 W/kg
Smallest distance from peaks to all points 3 dB below = 8.9 mm
Ratio of SAR at M2 to SAR at M1 = 52.5%
Maximum value of SAR (measured) = 0.343 W/kg



Test Laboratory: SGS-SAR Lab

X800 Bluetooth DH5 39CH Back side 10mm Ant10

DUT: X800; Type: Mobile Phone; Serial: 016582000014737

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.299

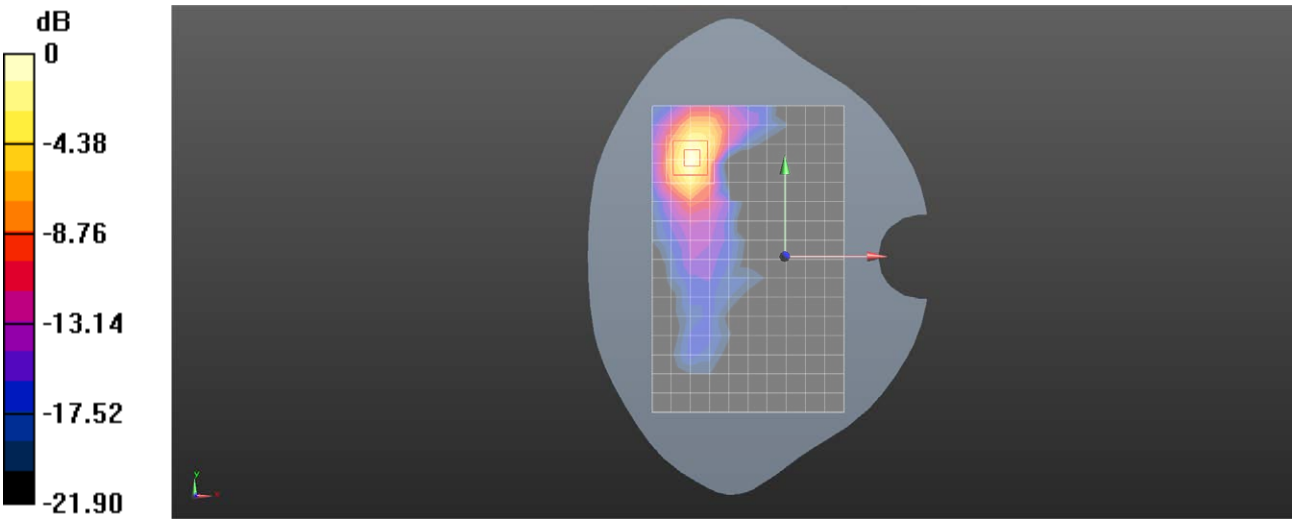
Medium: HSL2450;Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.746 \text{ S/m}$; $\epsilon_r = 39.884$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.35, 7.35, 7.35); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Maximum value of SAR (measured) = 0.238 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 1.056 V/m ; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.302 W/kg
SAR(1 g) = 0.150 W/kg ; SAR(10 g) = 0.067 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 51.9%
Maximum value of SAR (measured) = 0.246 W/kg



0 dB = 0.246 W/kg = -6.09 dBW/kg

Test Laboratory:SGS-SAR Lab
X800 WIFI 6E 802.11ax 160M 207CH Right side 2mm MIMO

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	170.0 x 80.0 x 14.0	016582000014737	Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE RIGHT, 2.00	U-NII-8	WLAN, 10743-AAC	6985.0, 207	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – 1777	Air –	EUmmWV4 – SN9533_F1–55GHz, 2024–08–23	DAE4 Sn896, 2024–03–18

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

Scan Type	5G Scan
Date	2024-12-11
Avg. Area [cm2]	4.00
psPDn+ [W/m2]	2.93
psPDtot+ [W/m2]	5.47
psPDmod+ [W/m2]	6.39
E _{max} [V/m]	63.6
Power Drift [dB]	0.05

