

Appendix B

Detailed Test Results

GSM850 for Head, Body worn,Hotspot&Limbs
GSM1900 for Head, Head, Body worn,Hotspot
WCDMA Band II for Head, Body worn,Hotspot
WCDMA Band IV for Head, Body worn,Hotspot
WCDMA Band V for Head, Body worn,Hotspot
LTE Band 2 for Head, Body worn,Hotspot
LTE Band 4 for Head, Body worn,Hotspot
LTE Band 7 for Head, Body worn,Hotspot
LTE Band 12 for Head, Body worn,Hotspot
LTE Band 26 for Head, Body worn,Hotspot
LTE Band 41 for Head, Body worn,Hotspot
WIFI 2.4G for Head, Body worn,Hotspot
WIFI 5G for Head, Body worn,Hotspot&Limbs
BT for Head, Body worn,Hotspot

Test Laboratory: SGS-SAR Lab

CPH2699 GSM850 GPRS 4TS 251CH Left cheek Ant1

DUT: CPH2699; Type: Mobile Phone; Serial: 862875070021052

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 848.6 MHz; Duty Cycle: 1:2.07491

Medium: HSL835; Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 0.930 \text{ S/m}$; $\epsilon_r = 40.110$; $\rho = 1020 \text{ kg/m}^3$
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(9.87, 10.58, 10.42); Calibrated: 2024/7/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn867; Calibrated: 2024/12/31
- Phantom: SAM 1; Type: SAM; Serial: 1912
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.918 W/kg

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

Reference Value = 12.24 V/m ; Power Drift = 0.06 dB

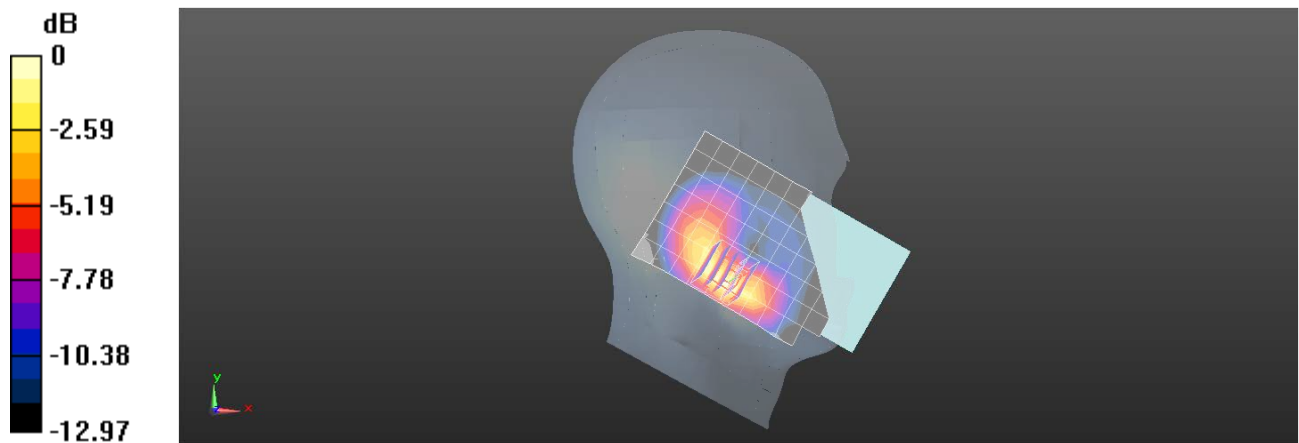
Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.785 W/kg ; SAR(10 g) = 0.441 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 67.1%

Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg = 0.09 dBW/kg

Test Laboratory: SGS-SAR Lab

CPH2699 GSM850 GPRS 4TS 190CH Back side 15mm Ant1

DUT: CPH2699; Type: Mobile Phone; Serial: 862875070021052

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.07491

Medium: HSL835; Medium parameters used: $f = 837$ MHz; $\sigma = 0.935$ S/m; $\epsilon_r = 40.173$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(9.87, 10.58, 10.42); Calibrated: 2024/7/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn867; Calibrated: 2024/12/31
- Phantom: SAM 1; Type: SAM; Serial: 1912
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.351 W/kg

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

Reference Value = 9.181 V/m; Power Drift = 0.00 dB

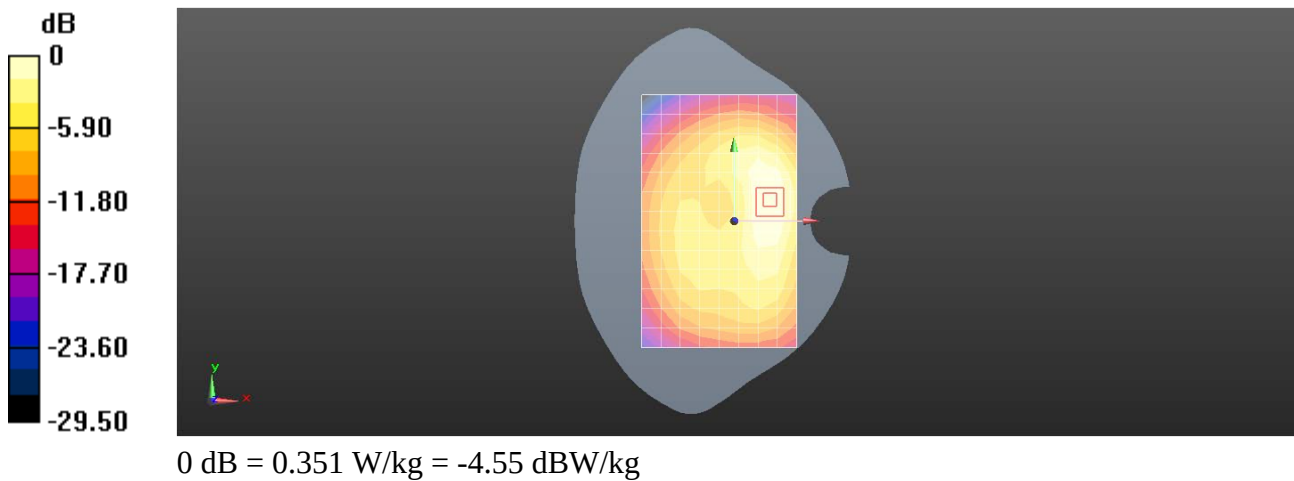
Peak SAR (extrapolated) = 0.482 W/kg

SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.229 W/kg

Smallest distance from peaks to all points 3 dB below = 14.4 mm

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

Maximum value of SAR (measured) = 0.441 W/kg



Test Laboratory: SGS-SAR Lab

CPH2699 GSM850 GPRS 4TS 190CH Left side 10mm Ant1

DUT: CPH2699; Type: Mobile Phone; Serial: 862875070021052

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.07491

Medium: HSL835; Medium parameters used: $f = 837$ MHz; $\sigma = 0.935$ S/m; $\epsilon_r = 40.173$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(9.87, 10.58, 10.42); Calibrated: 2024/7/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn867; Calibrated: 2024/12/31
- Phantom: SAM 1; Type: SAM; Serial: 1912
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.952 W/kg

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

Reference Value = 26.67 V/m; Power Drift = -0.02 dB

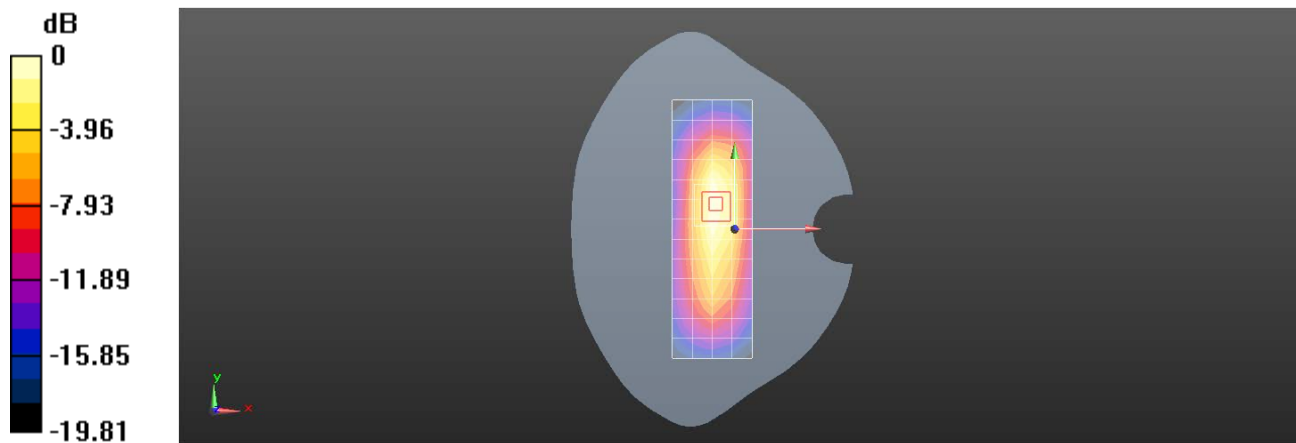
Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.763 W/kg; SAR(10 g) = 0.465 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 65%

Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 0.952 W/kg = -0.21 dBW/kg

Test Laboratory: SGS-SAR Lab

CPH2699 GSM850 GPRS 4TS 190CH Left side 0mm Ant1

DUT: CPH2699; Type: Mobile Phone; Serial: 862875070021052

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.07491

Medium: HSL835; Medium parameters used: $f = 837$ MHz; $\sigma = 0.935$ S/m; $\epsilon_r = 40.173$; $\rho = 1120$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(9.87, 10.58, 10.42); Calibrated: 2024/7/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn867; Calibrated: 2024/12/31
- Phantom: SAM 1; Type: SAM; Serial: 1912
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (5x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 2.60 W/kg

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

Reference Value = 45.78 V/m; Power Drift = -0.03 dB

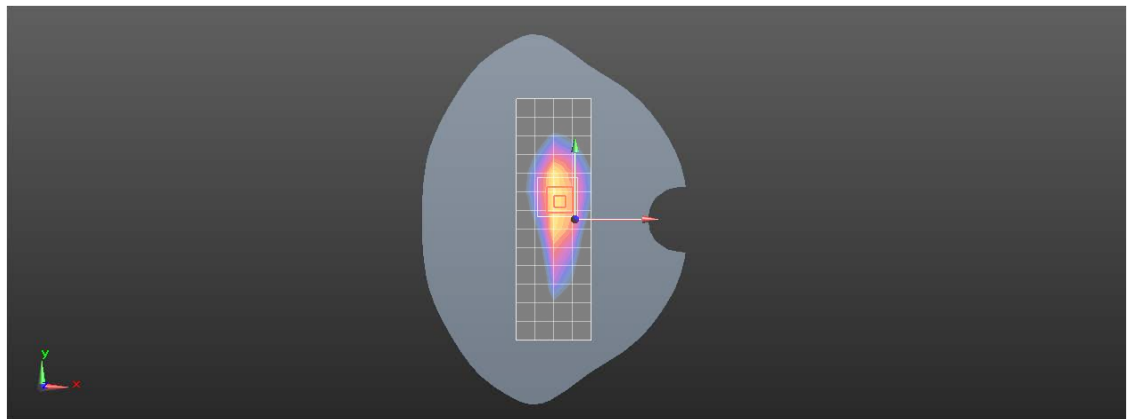
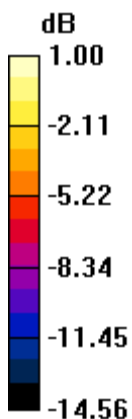
Peak SAR (extrapolated) = 5.11 W/kg

SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.3 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 48.5%

Maximum value of SAR (measured) = 3.84 W/kg



0 dB = 3.84 W/kg = 5.84 dBW/kg

CPH2699 GSM1900 GPRS 4TS 512CH Right cheek Ant3**CPH2699**

Communication System: PCS 1900; Frequency: 1850.200

Medium: Head Simulating Liquid. Medium parameters used: $f = 1850.200$ MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 40.1$

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) = 0.492 W/kg; SAR (10g) = 0.278 W/kg;

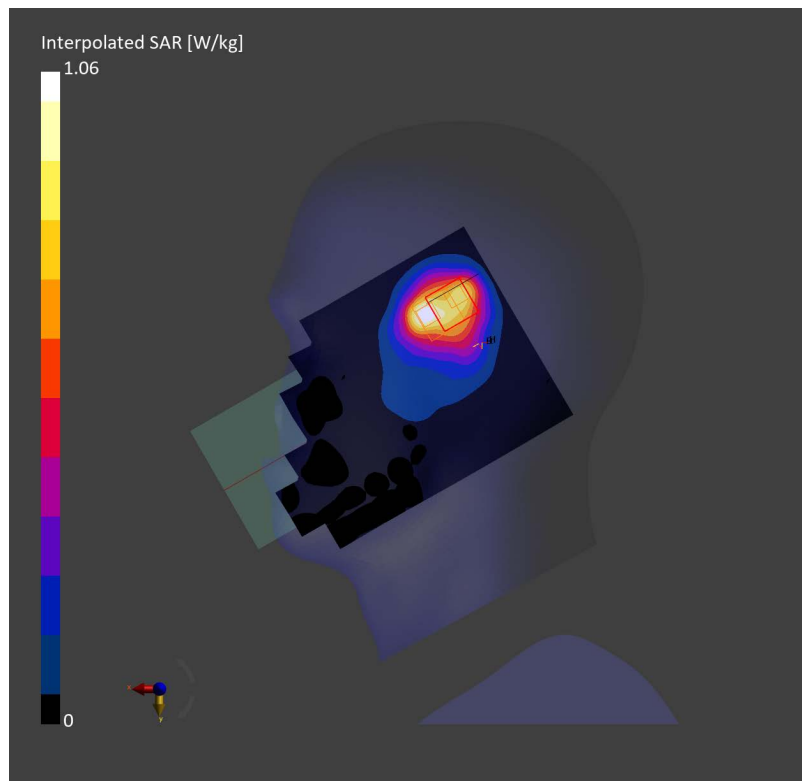
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.18 dB

SAR (1g) = 0.500 W/kg; SAR (10g) = 0.277 W/kg;

M2/M1 [%]=42.8

Dist 3dB Peak [mm]=9.8



CPH2699 GSM1900 GPRS 4TS 661CH Back side 15mm Ant3**CPH2699**

Communication System: PCS 1900; Frequency: 1880.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 40.1$

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) = 0.199 W/kg; SAR (10g) = 0.122 W/kg;

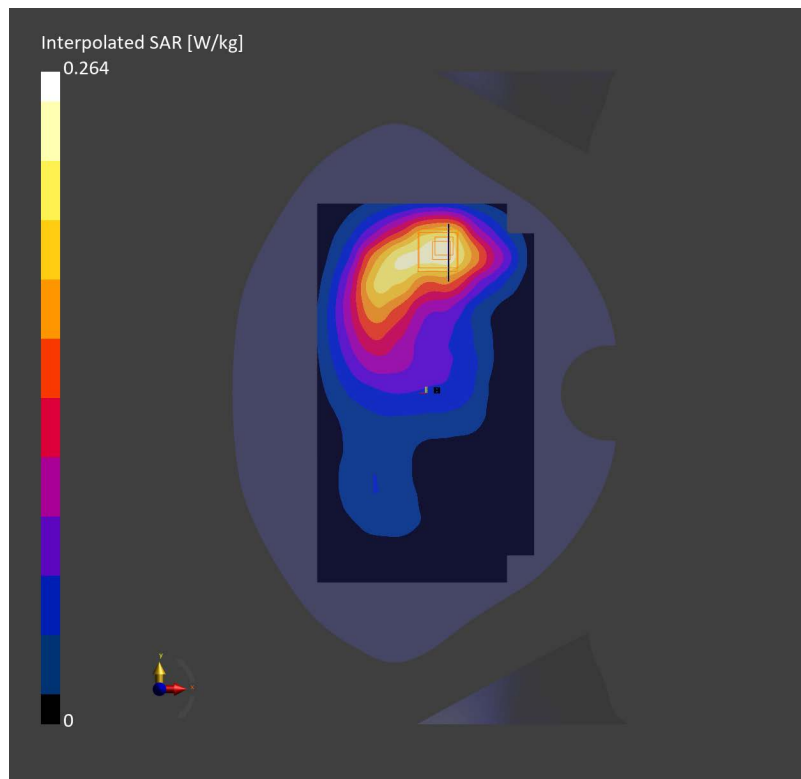
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.07 dB

SAR (1g) = 0.214 W/kg; SAR (10g) = 0.125 W/kg;

M2/M1 [%]=55.3

Dist 3dB Peak [mm]=14.8



CPH2699 GSM1900 GPRS 4TS 661CH Bottom side 10mm Ant4**CPH2699**

Communication System: PCS 1900; Frequency: 1880.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 40.1$

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 15.0 mm

SAR (1g) = 0.372 W/kg; SAR (10g) = 0.201 W/kg;

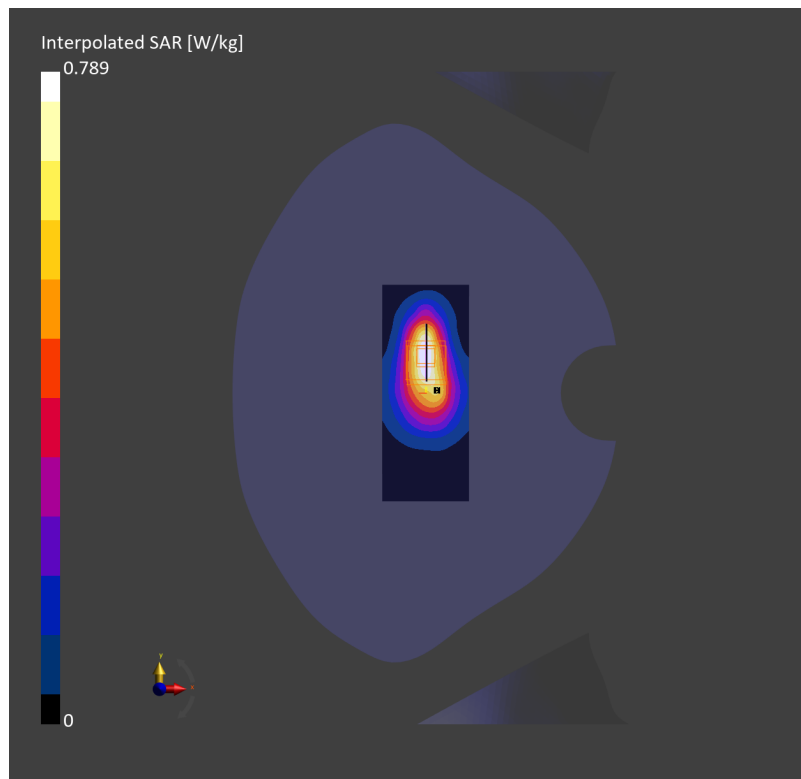
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.03 dB

SAR (1g) = 0.395 W/kg; SAR (10g) = 0.204 W/kg;

M2/M1 [%]=49.6

Dist 3dB Peak [mm]=9.4



CPH2699 WCDMA Band II RMC 9538CH Right tilted Ant3**CPH2699**

Communication System: Band 2; Frequency: 1907.600

Medium: Head Simulating Liquid. Medium parameters used: $f = 1907.600$ MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 40.1$

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) = 0.527 W/kg; SAR (10g) = 0.295 W/kg;

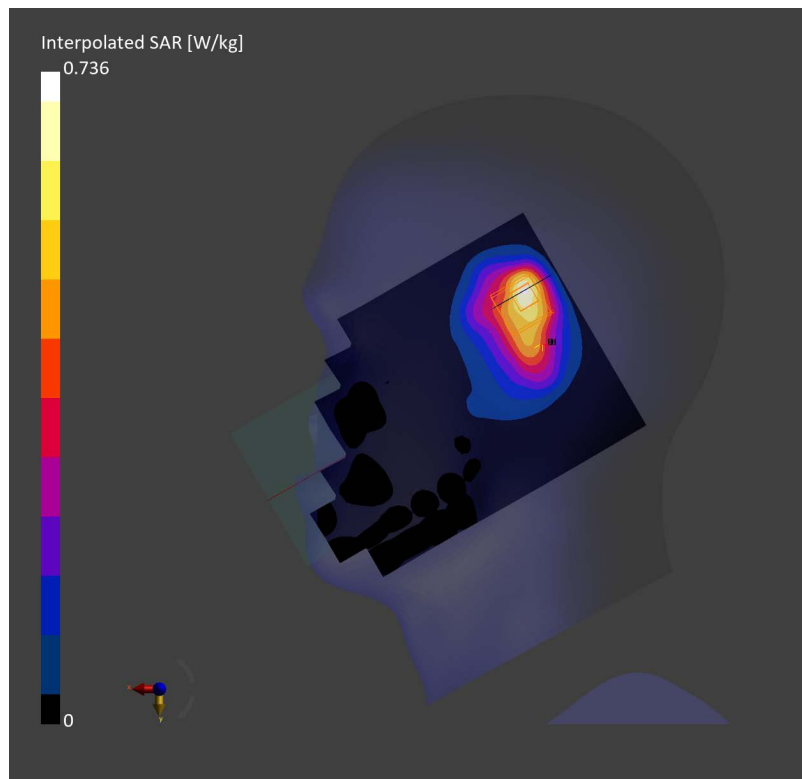
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.06 dB

SAR (1g) = 0.648 W/kg; SAR (10g) = 0.319 W/kg;

M2/M1 [%]=46.9

Dist 3dB Peak [mm]=8.1



CPH2699 WCDMA Band II RMC 9400CH Back side 15mm Ant4**CPH2699**

Communication System: Band 2; Frequency: 1907.600

Medium: Head Simulating Liquid. Medium parameters used: $f = 1907.600$ MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 40.1$

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) = 0.264 W/kg; SAR (10g) = 0.152 W/kg;

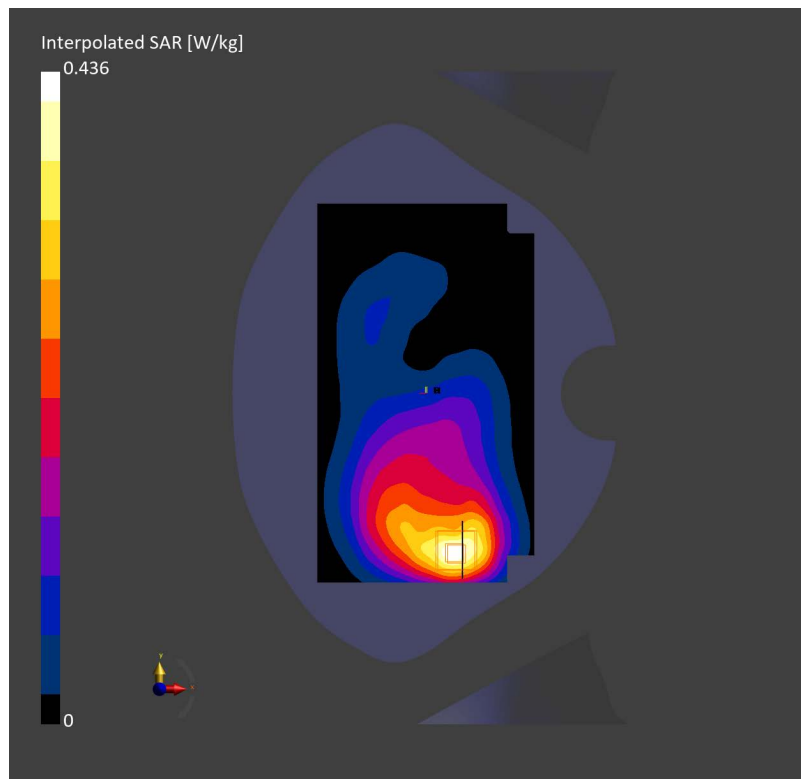
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.10 dB

SAR (1g) = 0.260 W/kg; SAR (10g) = 0.153 W/kg;

M2/M1 [%]=55.9

Dist 3dB Peak [mm]=14.8



CPH2699 WCDMA Band II RMC 9400CH Bottom side 10mm Ant4

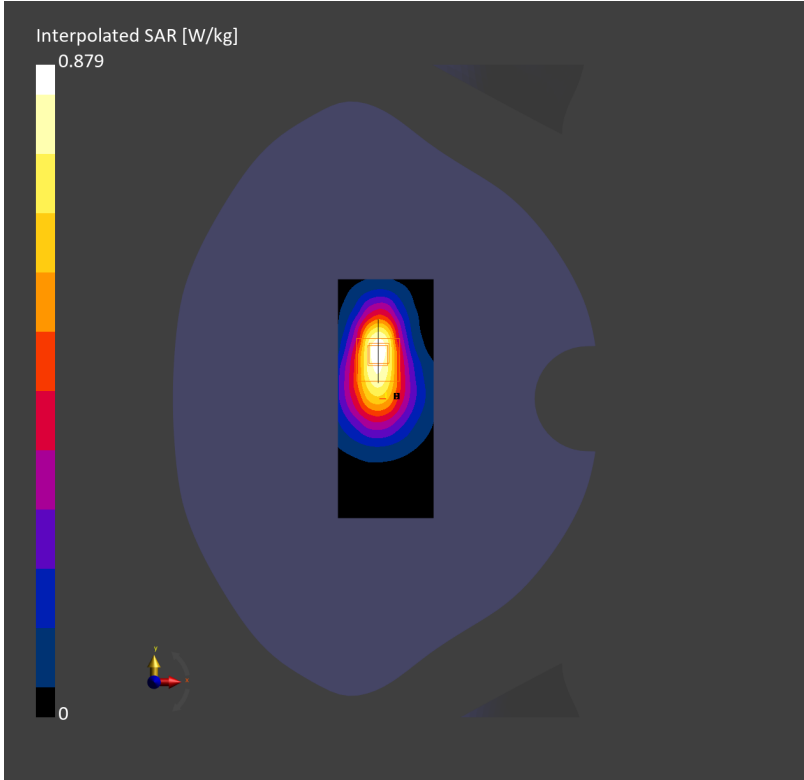
CPH2699

Communication System: Band 2; Frequency: 1907.600
Medium: Head Simulating Liquid. Medium parameters used: f= 1907.600 MHz; σ = 1.39 S/m; ϵ_r = 40.1

- 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 (45.0 mm x 120.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.477 W/kg; SAR (10g) = 0.260 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) = 0.470 W/kg; SAR (10g) = 0.255 W/kg;
M2/M1 [%]=53.1
Dist 3dB Peak [mm]=11.2



CPH2699 WCDMA Band IV RMC 1412CH Right cheek Ant3

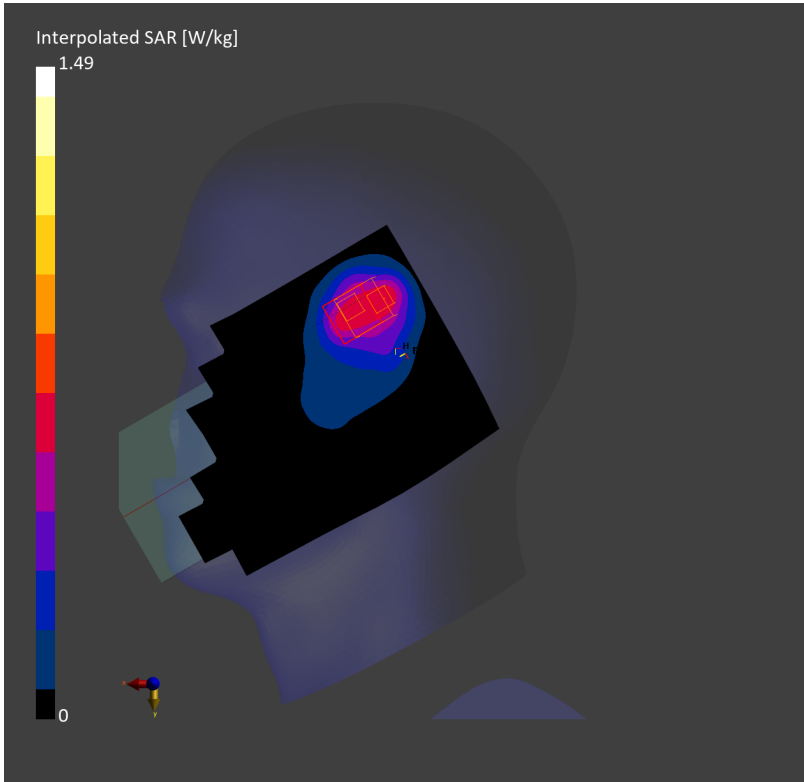
CPH2699

Communication System: Band 4; Frequency: 1732.400
Medium: Head Simulating Liquid. Medium parameters used: f= 1732.400 MHz; σ = 1.35 S/m; ϵ_r = 40.2

- 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) = 0.608 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 = -0.13 dB
SAR (1g) = 0.727 W/kg; SAR (10g) = 0.379 W/kg;
M2/M1 [%]=43.5
Dist 3dB Peak [mm]=10.7



CPH2699 WCDMA Band IV RMC 1412CH Back side 15mm Ant3

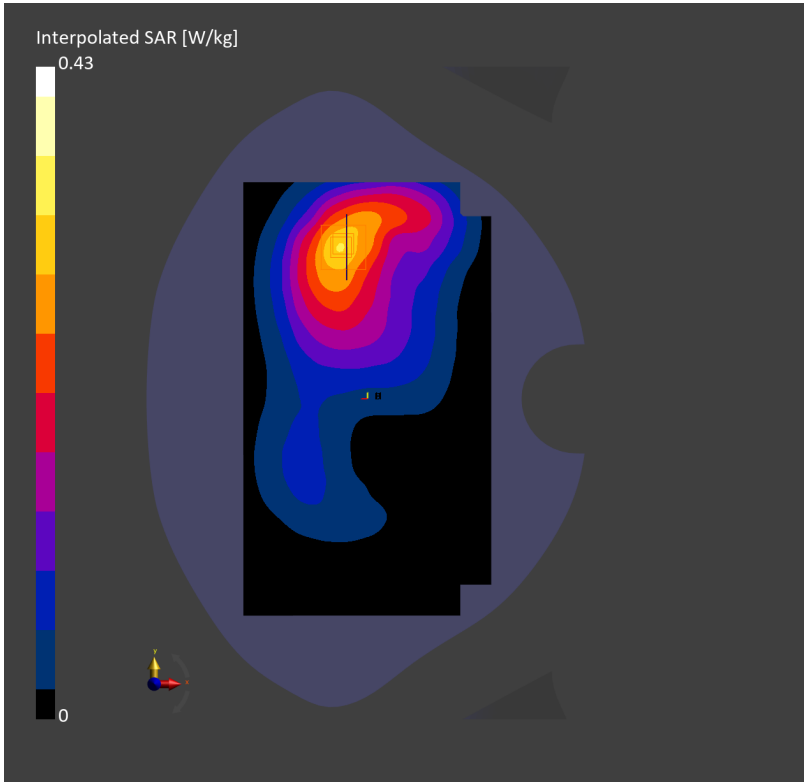
CPH2699

Communication System: Band 4; Frequency: 1732.400
Medium: Head Simulating Liquid. Medium parameters used: f= 1732.400 MHz; σ = 1.35 S/m; ϵ_r = 40.2

- 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) = 0.272 W/kg; SAR (10g) = 0.165 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) = 0.281 W/kg; SAR (10g) = 0.179 W/kg;
M2/M1 [%]=64.2
Dist 3dB Peak [mm]=19.3



CPH2699 WCDMA Band IV RMC 1412CH Bottom side 10mm Ant4**CPH2699**

Communication System: Band 4; Frequency: 1732.400

Medium: Head Simulating Liquid. Medium parameters used: $f = 1732.400$ MHz; $\sigma = 1.35$ S/m; $\epsilon_r = 40.2$

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

SAR (1g) = 0.409 W/kg; SAR (10g) = 0.225 W/kg;

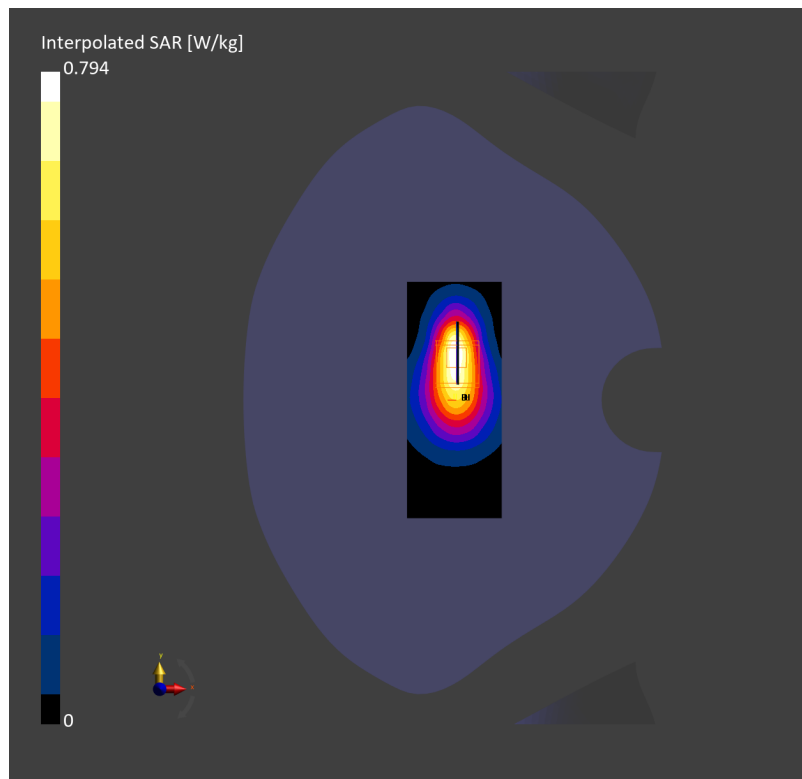
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.03 dB

SAR (1g) = 0.418 W/kg; SAR (10g) = 0.224 W/kg;

M2/M1 [%]=52.2

Dist 3dB Peak [mm]=9.8



CPH2699 WCDMA Band V RMC 4182CH Left cheek Ant1**CPH2699**

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 - 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) = 0.745 W/kg; SAR (10g) = 0.457 W/kg;

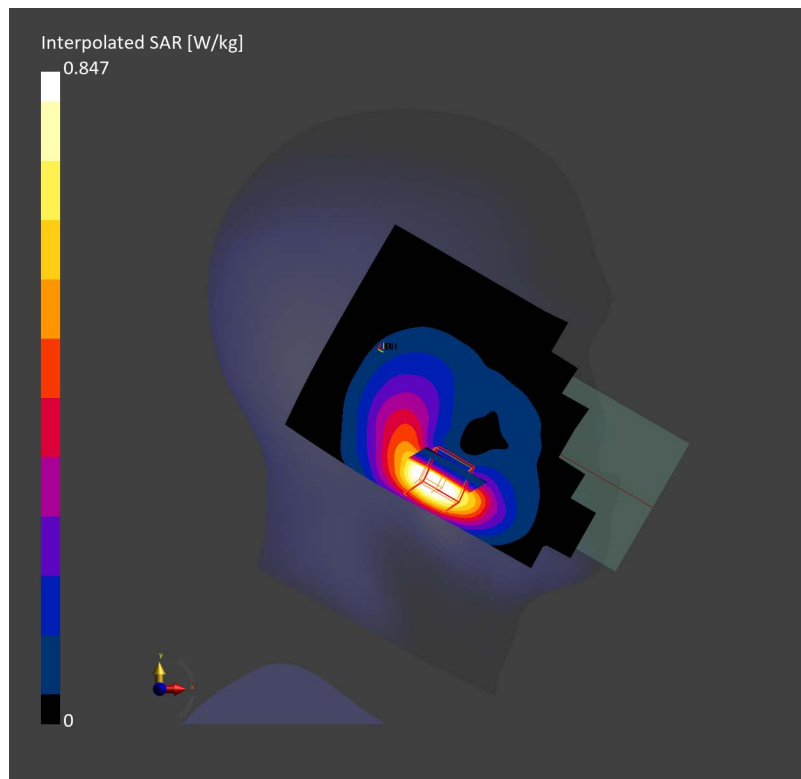
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.06 dB

SAR (1g) = 0.757 W/kg; SAR (10g) = 0.422 W/kg;

M2/M1 [%]=82.7

Dist 3dB Peak [mm]=8.9



CPH2699 WCDMA Band V RMC 4182CH Back side 15mm Ant1**CPH2699**

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 - 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) = 0.356 W/kg; SAR (10g) = 0.235 W/kg;

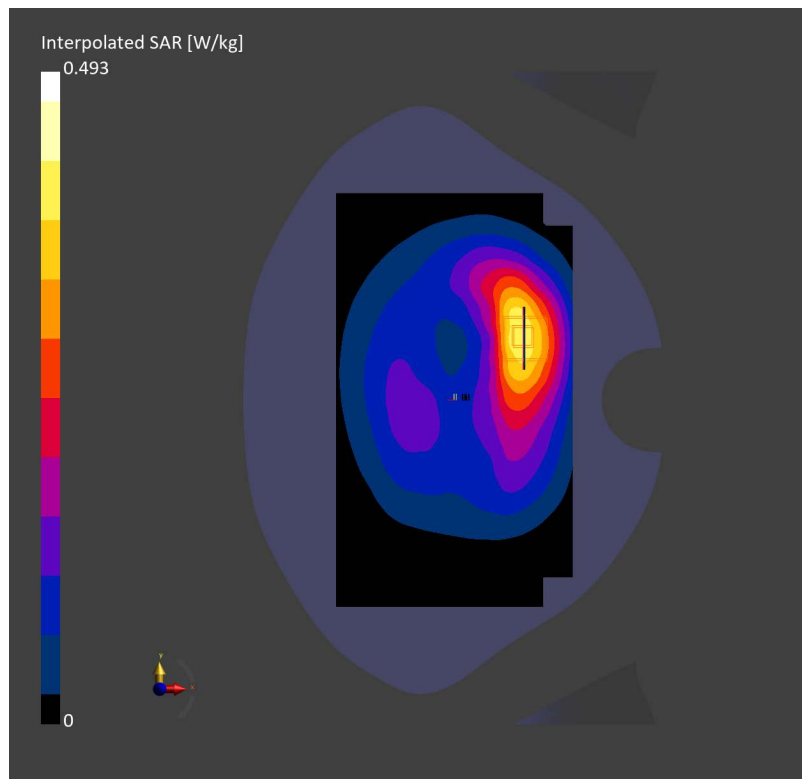
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.01 dB

SAR (1g) = 0.377 W/kg; SAR (10g) = 0.243 W/kg;

M2/M1 [%]=62.9

Dist 3dB Peak [mm]=14.4



CPH2699 WCDMA Band V RMC 4182CH Left side 10mm Ant1**CPH2699**

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 - 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 (48.0 mm x 210.0 mm): Measurement Grid: 8.0 mm x 15.0 mm

SAR (1g) = 0.741 W/kg; SAR (10g) = 0.455 W/kg;

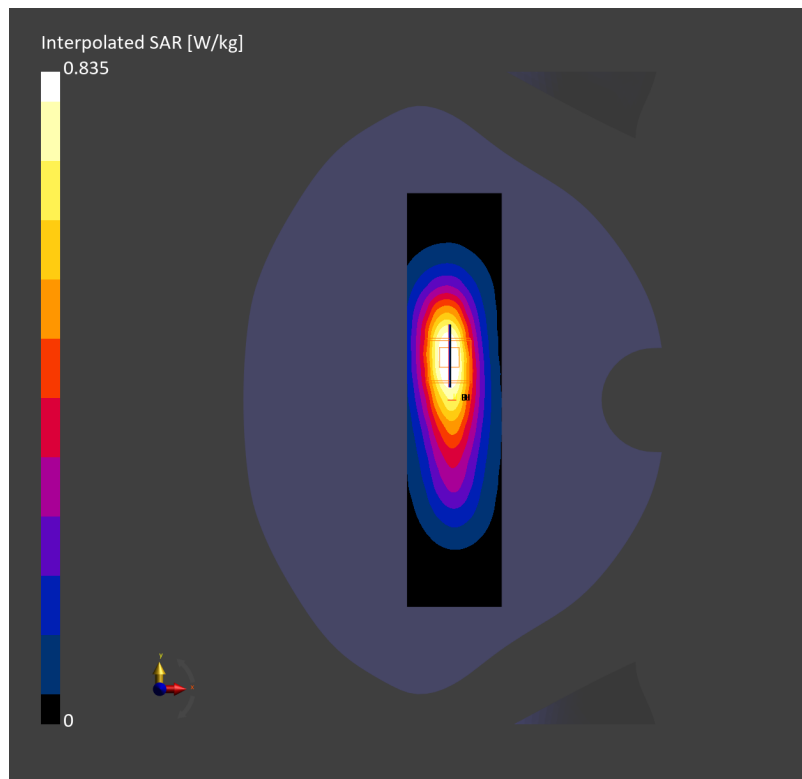
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.01 dB

SAR (1g) = 0.750 W/kg; SAR (10g) = 0.437 W/kg;

M2/M1 [%]=54.9

Dist 3dB Peak [mm]=11.2



CPH2699 LTE Band 2 20M QPSK 50RB0 18700CH Right tilted Ant3**CPH2699**

Communication System: Band 2; Frequency: 1860.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1860.000$ MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 40.1$

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) = 0.596 W/kg; SAR (10g) = 0.354 W/kg;

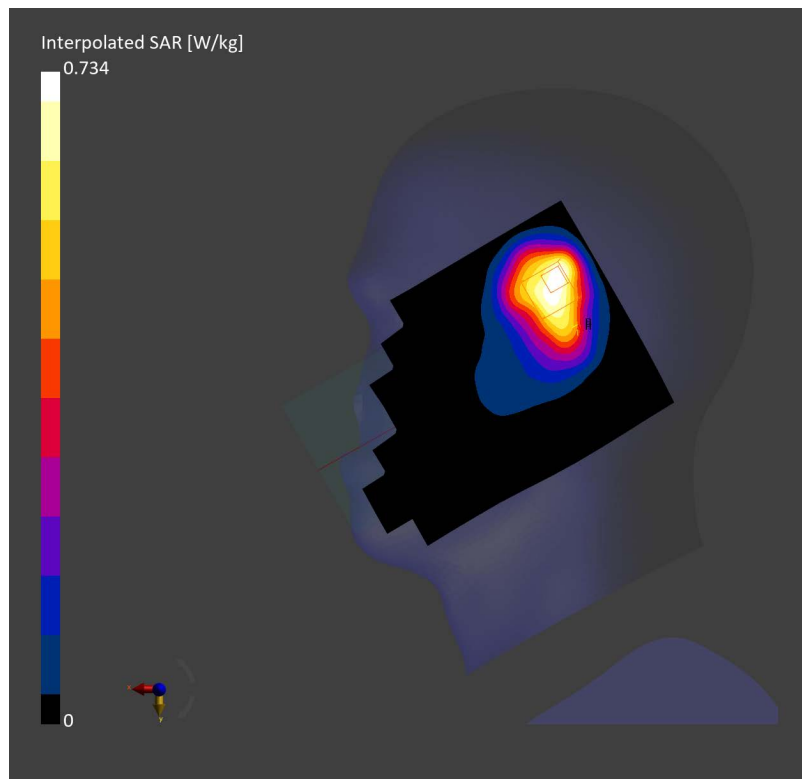
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.05 dB

SAR (1g) = 0.720 W/kg; SAR (10g) = 0.358 W/kg;

M2/M1 [%]=48.3

Dist 3dB Peak [mm]=9.4



CPH2699 LTE Band 2 20M QPSK 50RB0 18900CH Back side 15mm Ant4**CPH2699**

Communication System: Band 2; Frequency: 1880.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 40.1$

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) = 0.224 W/kg; SAR (10g) = 0.135 W/kg;

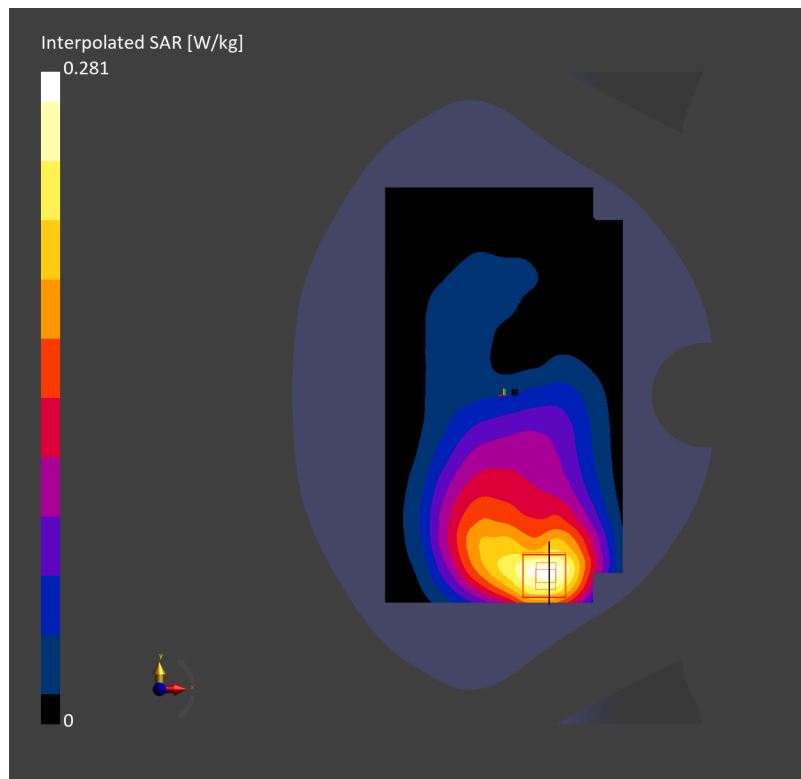
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.04 dB

SAR (1g) = 0.232 W/kg; SAR (10g) = 0.137 W/kg;

M2/M1 [%]=58.0

Dist 3dB Peak [mm]=13.8



CPH2699 LTE Band 2 20M QPSK 50RB0 18900CH Bottom side 10mm Ant4**CPH2699**

Communication System: Band 2; Frequency: 1880.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 40.1$

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 15.0 mm

SAR (1g) = 0.474 W/kg; SAR (10g) = 0.256 W/kg;

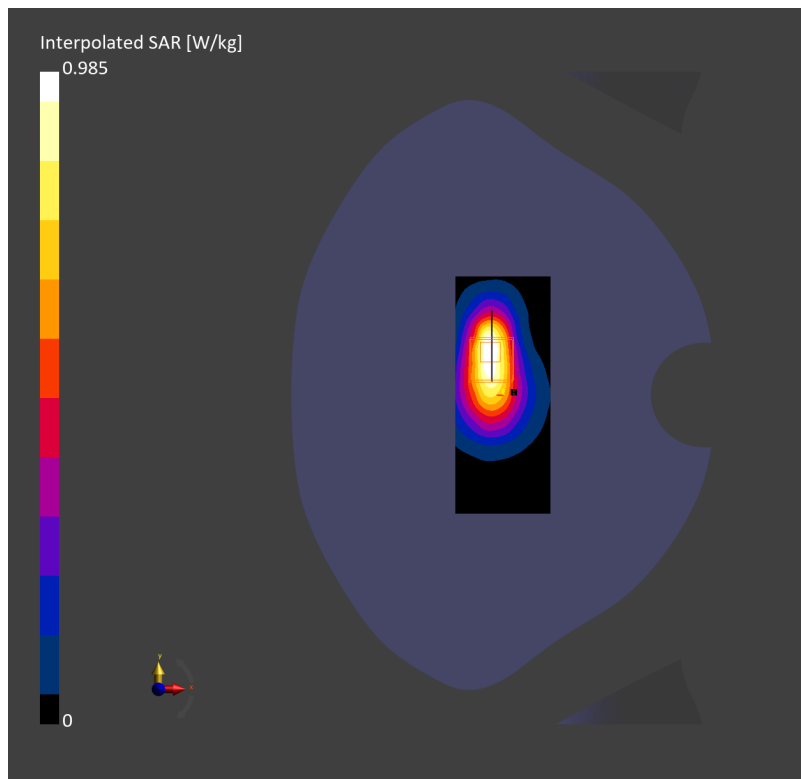
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.03 dB

SAR (1g) = 0.491 W/kg; SAR (10g) = 0.260 W/kg;

M2/M1 [%]=78.3

Dist 3dB Peak [mm]=9.6



CPH2699 LTE Band 4 20M QPSK 50RB50 20300CH Left cheek Ant5**CPH2699**

Communication System: Band 4; Frequency: 1745.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1745.000$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 40.2$

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) = 0.635 W/kg; SAR (10g) = 0.341 W/kg;

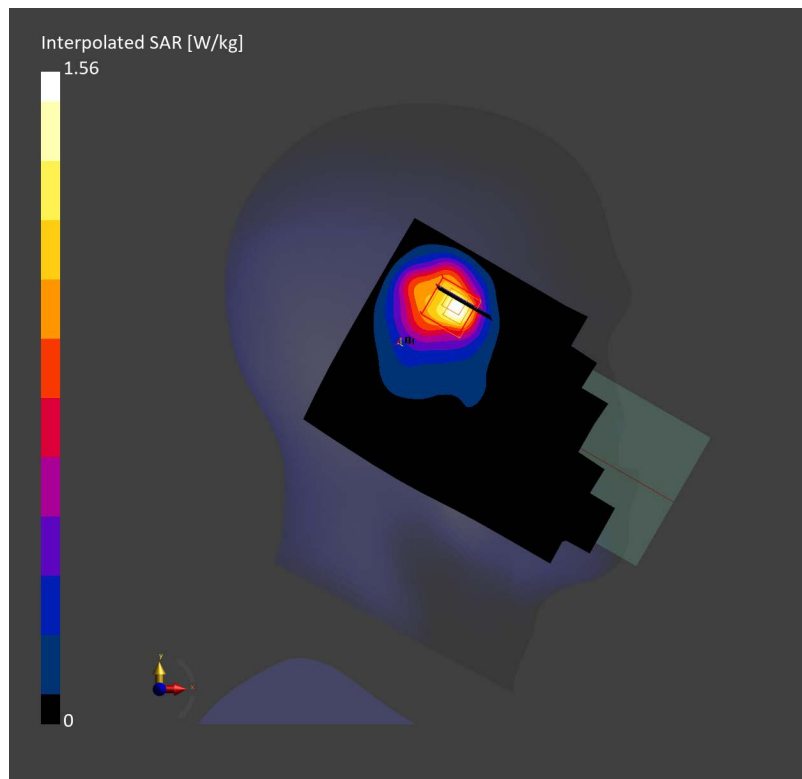
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.05 dB

SAR (1g) = 0.721 W/kg; SAR (10g) = 0.349 W/kg;

M2/M1 [%]=39.9

Dist 3dB Peak [mm]=8.0



CPH2699 LTE Band 4 20M QPSK 50RB50 20175CH Back side 15mm Ant3**CPH2699**

Communication System: Band 4; Frequency: 1732.500

Medium: Head Simulating Liquid. Medium parameters used: $f = 1732.500$ MHz; $\sigma = 1.35$ S/m; $\epsilon_r = 40.2$

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) = 0.287 W/kg; SAR (10g) = 0.177 W/kg;

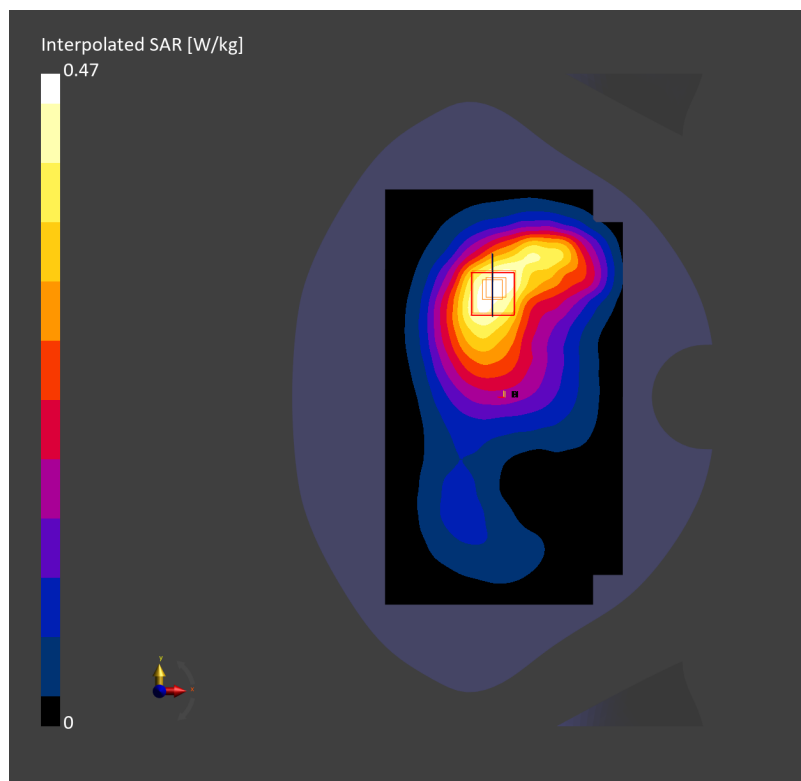
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.01 dB

SAR (1g) = 0.303 W/kg; SAR (10g) = 0.192 W/kg;

M2/M1 [%]=63.7

Dist 3dB Peak [mm]=17.9



CPH2699 LTE Band 4 20M QPSK 50RB50 20175CH Top side 10mm Ant3**CPH2699**

Communication System: Band 4; Frequency: 1732.500

Medium: Head Simulating Liquid. Medium parameters used: $f = 1732.500$ MHz; $\sigma = 1.35$ S/m; $\epsilon_r = 40.2$

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

SAR (1g) = 0.367 W/kg; SAR (10g) = 0.199 W/kg;

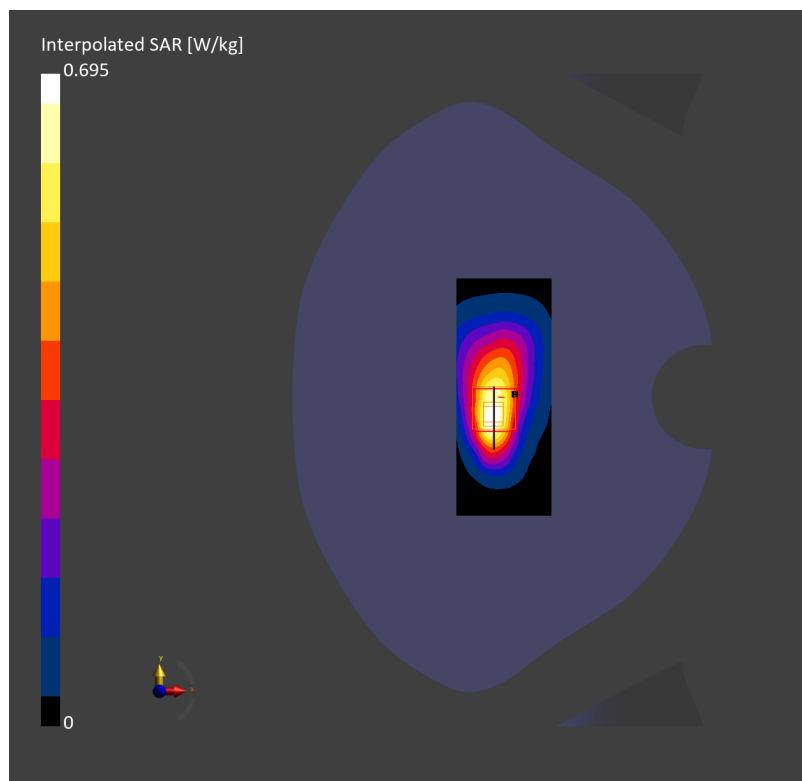
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.04 dB

SAR (1g) = 0.375 W/kg; SAR (10g) = 0.201 W/kg;

M2/M1 [%]=53.9

Dist 3dB Peak [mm]=10.2



CPH2699 LTE Band 7 20M QPSK 1RB0 21350CH Left cheek Ant5**CPH2699**

Communication System: Band 7; Frequency: 2560.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2560.000$ MHz; $\sigma = 1.94$ S/m; $\epsilon_r = 39.9$

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: 15.0 mm x 15.0 mm

SAR (1g) = 0.641 W/kg; SAR (10g) = 0.321 W/kg;

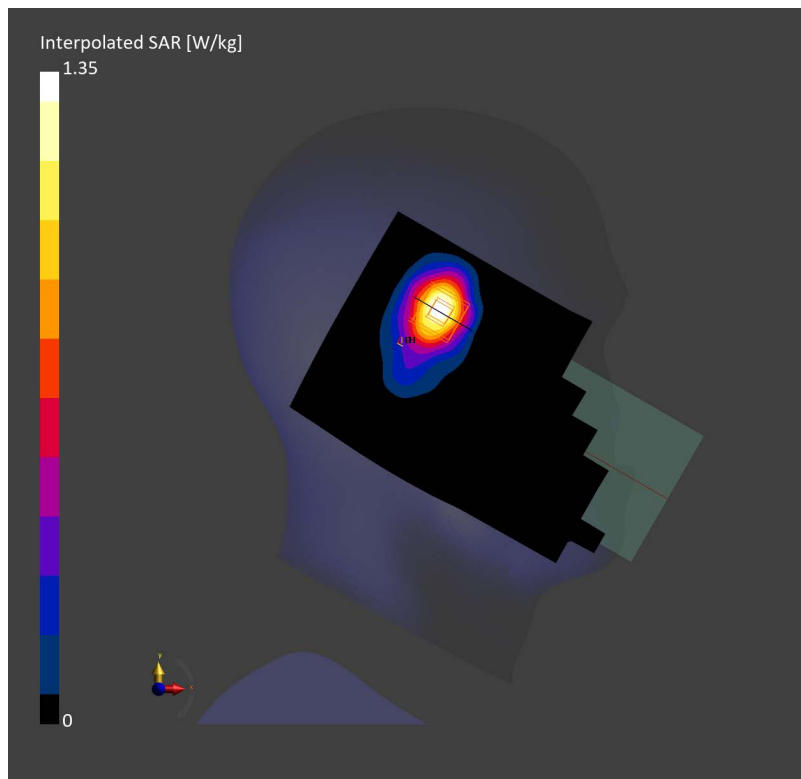
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.03 dB

SAR (1g) = 0.716 W/kg; SAR (10g) = 0.342 W/kg;

M2/M1 [%]=82.5

Dist 3dB Peak [mm]=11.7



CPH2699 LTE Band 7 20M QPSK 50RB0 21100CH Back side 15mm Ant3**CPH2699**

Communication System: Band 7; Frequency: 2535.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2535.000$ MHz; $\sigma = 1.91$ S/m; $\epsilon_r = 40.0$

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 192.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.325 W/kg; SAR (10g) = 0.177 W/kg;

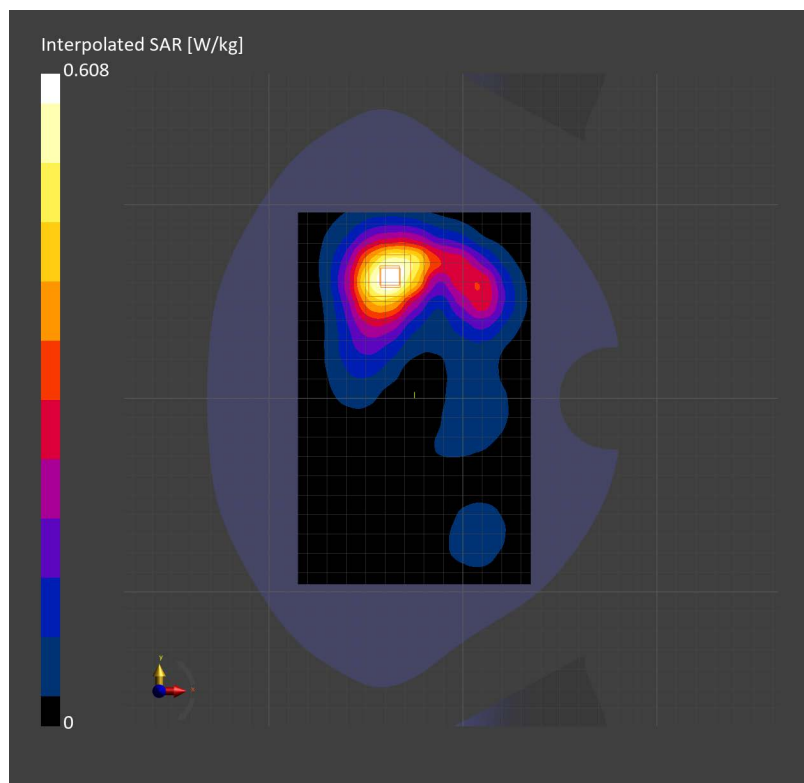
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.01 dB

SAR (1g) = 0.332 W/kg; SAR (10g) = 0.180 W/kg;

M2/M1 [%]=51.1

Dist 3dB Peak [mm]=16.3



CPH2699 LTE Band 7 20M QPSK 50RB0 21100CH Top side 10mm Ant3

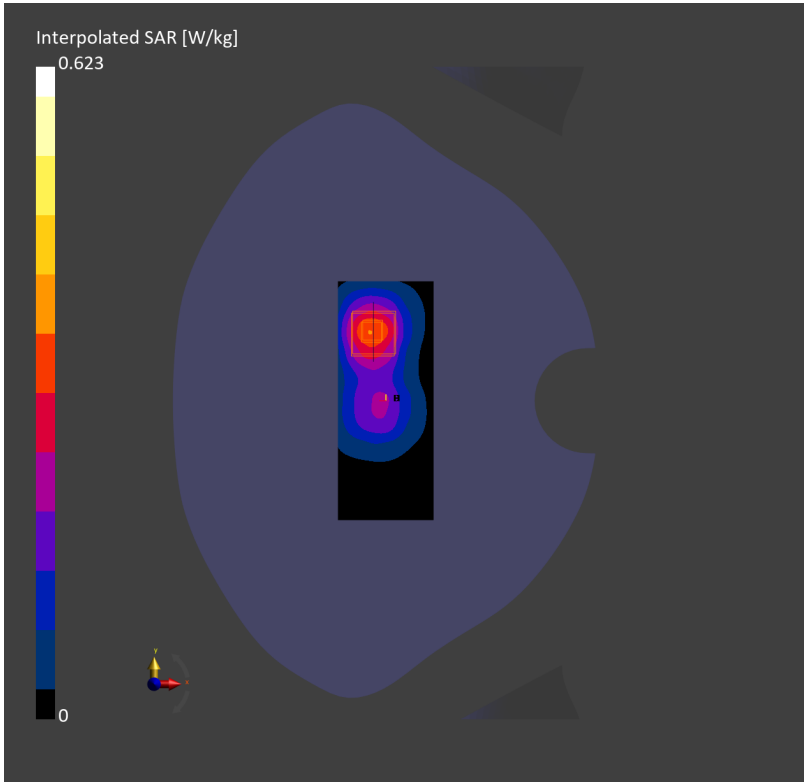
CPH2699

Communication System: Band 7; Frequency: 2535.000
Medium: Head Simulating Liquid. Medium parameters used: f= 2535.000 MHz; σ = 1.91 S/m; ϵ_r = 40.0

- 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: 12.0 mm x 12.0 mm
SAR (1g) = 0.292 W/kg; SAR (10g) = 0.150 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) = 0.311 W/kg; SAR (10g) = 0.152 W/kg;
M2/M1 [%]=47.2
Dist 3dB Peak [mm]=12.1



CPH2699 LTE Band 12 10M QPSK 1RB0 23095CH Right cheek Ant1

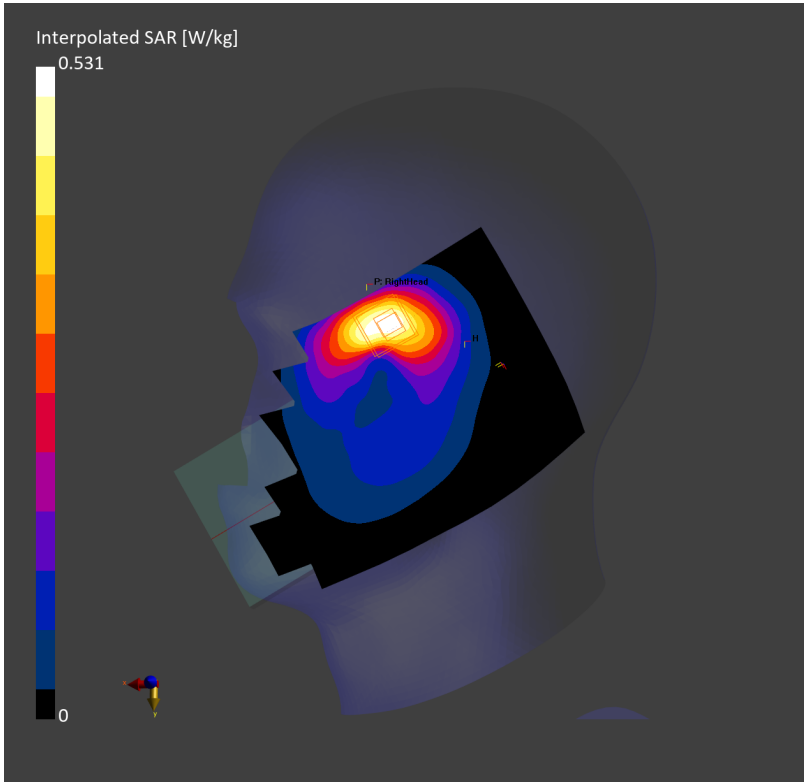
CPH2699

Communication System: Band 12; Frequency: 707.500
Medium: Head Simulating Liquid. Medium parameters used: f= 707.500 MHz; σ = 0.879 S/m; ϵ_r = 43.1

- DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(10.0, 10.0, 10.0); 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) = 0.315 W/kg; SAR (10g) = 0.197 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) = 0.294 W/kg; SAR (10g) = 0.169 W/kg;
M2/M1 [%]=54.6
Dist 3dB Peak [mm]=10.3



CPH2699 LTE Band 12 10M QPSK 1RB0 23095CH Back side 15mm Ant1

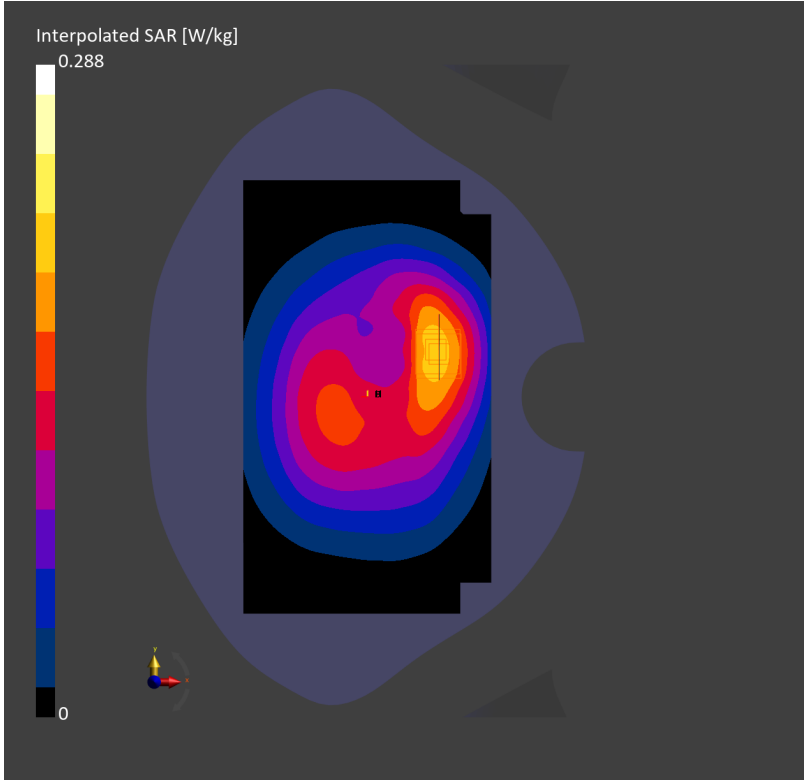
CPH2699

Communication System: Band 12; Frequency: 707.500
Medium: Head Simulating Liquid. Medium parameters used: f= 707.500 MHz; σ = 0.879 S/m; ϵ_r = 43.1

- DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(10.0, 10.0, 10.0); 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) = 0.183 W/kg; SAR (10g) = 0.124 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) = 0.192 W/kg; SAR (10g) = 0.130 W/kg;
M2/M1 [%]=65.9
Dist 3dB Peak [mm]=21.6



CPH2699 LTE Band 12 10M QPSK 25RB0 23095CH Left side 10mm Ant1

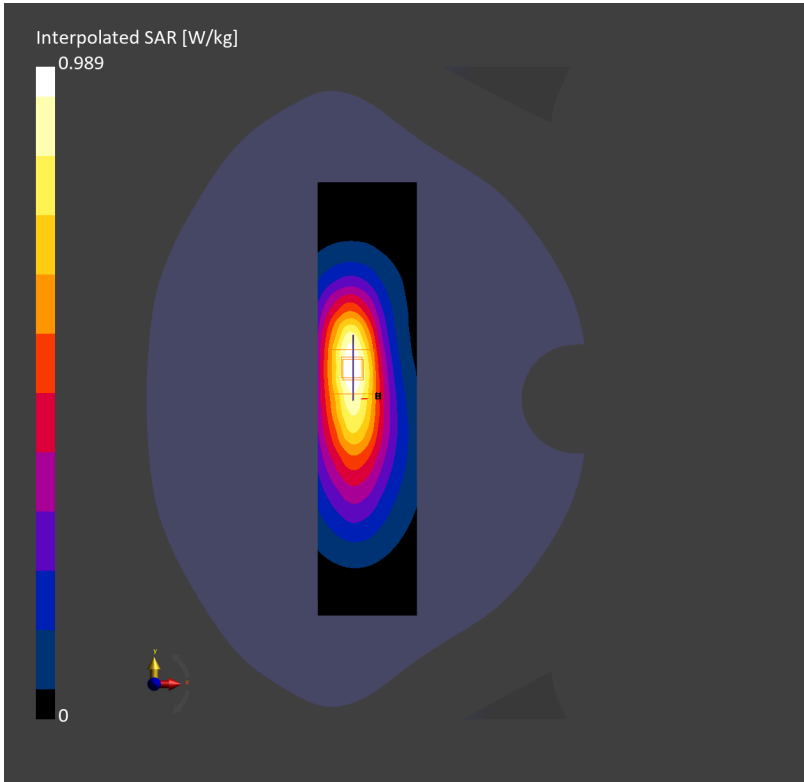
CPH2699

Communication System: Band 12; Frequency: 707.500
Medium: Head Simulating Liquid. Medium parameters used: f= 707.500 MHz; σ = 0.879 S/m; ϵ_r = 43.1

- DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(10.0, 10.0, 10.0); 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 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.567 W/kg; SAR (10g) = 0.360 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) = 0.581 W/kg; SAR (10g) = 0.358 W/kg;
M2/M1 [%]=58.5
Dist 3dB Peak [mm]=12.8



CPH2699 LTE Band 26 15M QPSK 1RB38 26865CH Left cheek Ant0**CPH2699**

Communication System: Band 26; Frequency: 831.500

Medium: Head Simulating Liquid. Medium parameters used: $f = 831.500$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 42.6$

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) = 0.611 W/kg; SAR (10g) = 0.374 W/kg;

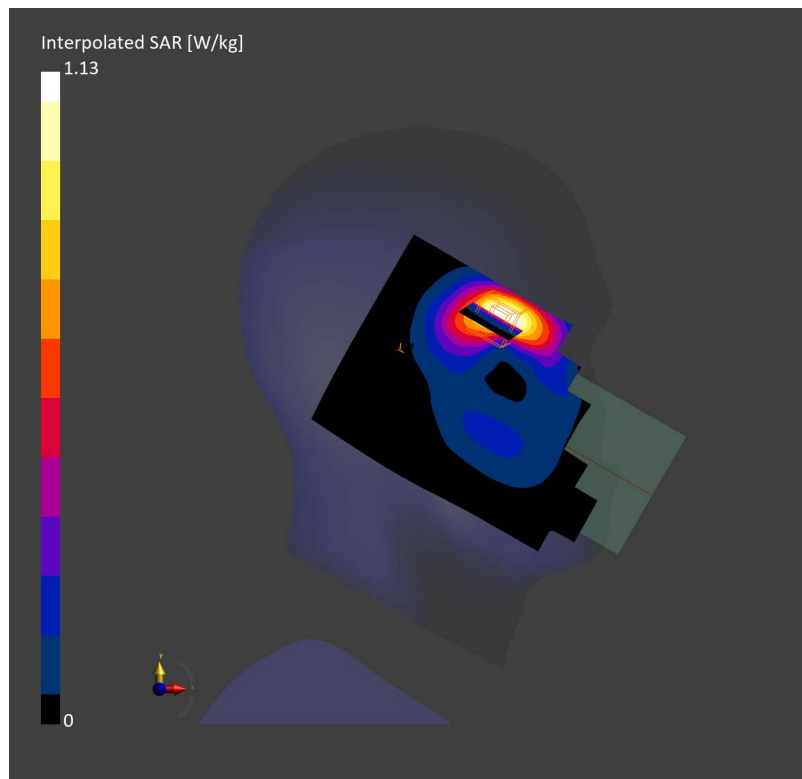
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.03 dB

SAR (1g) = 0.612 W/kg; SAR (10g) = 0.350 W/kg;

M2/M1 [%]=53.7

Dist 3dB Peak [mm]=10.3



CPH2699 LTE Band 26 15M QPSK 36RB0 26865CH Right side 10mm Ant0

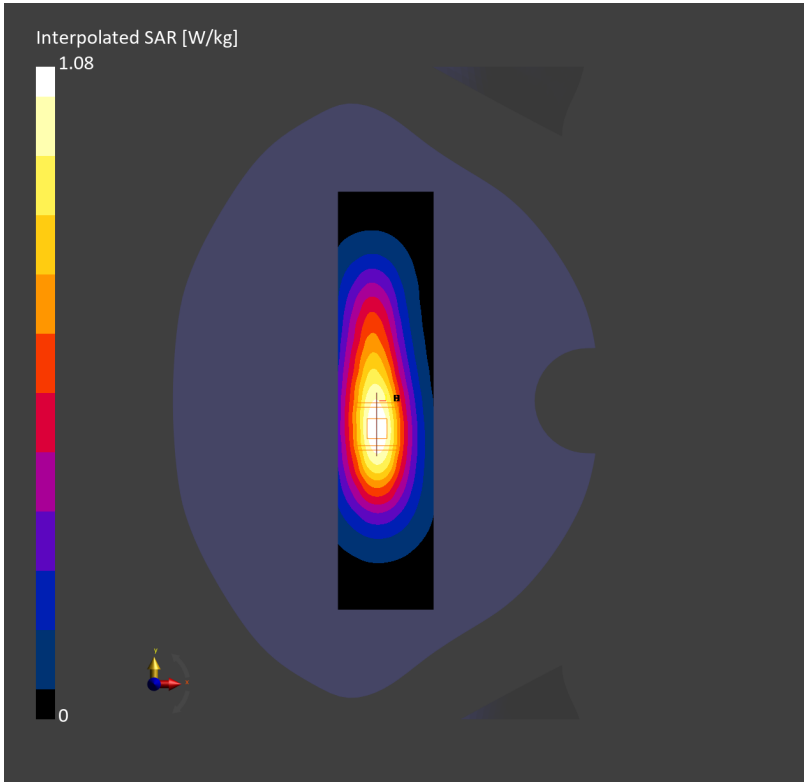
CPH2699

Communication System: Band 26; Frequency: 831.500
Medium: Head Simulating Liquid. Medium parameters used: f= 831.500 MHz; σ = 0.933 S/m; ϵ_r = 42.6

- 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 (45.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.624 W/kg; SAR (10g) = 0.396 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) = 0.644 W/kg; SAR (10g) = 0.396 W/kg;
M2/M1 [%]=58.9
Dist 3dB Peak [mm]=13.7



CPH2699 LTE Band 26 15M QPSK 36RB0 26865CH Right side 10mm Ant1**CPH2699**

Communication System: Band 26; Frequency: 831.500

Medium: Head Simulating Liquid. Medium parameters used: $f = 831.500$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 42.6$

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 (48.0 mm x 210.0 mm): Measurement Grid: 8.0 mm x 15.0 mm

SAR (1g) = 0.804 W/kg; SAR (10g) = 0.504 W/kg;

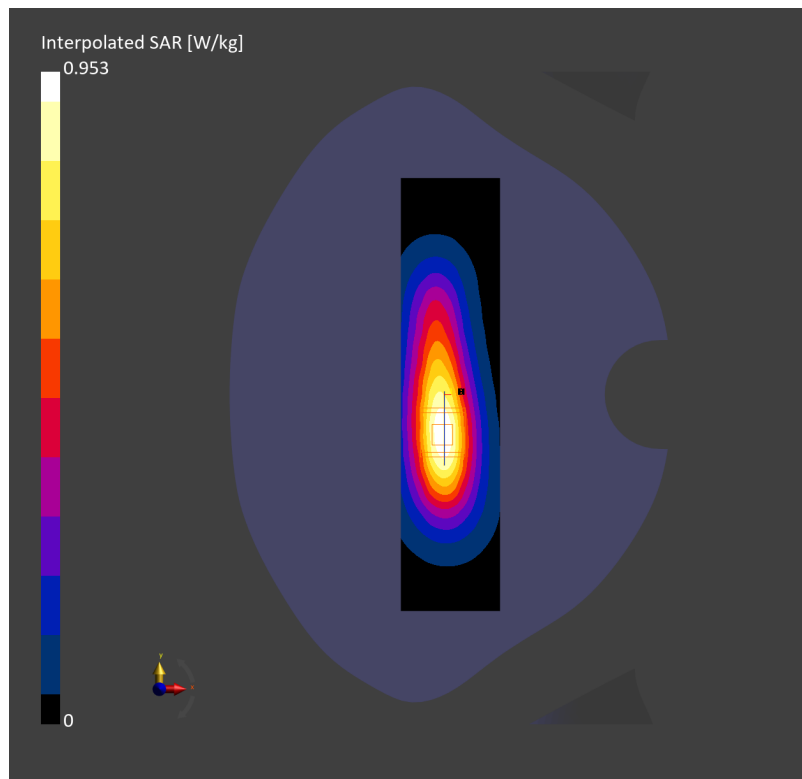
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.03 dB

SAR (1g) = 0.817 W/kg; SAR (10g) = 0.491 W/kg;

M2/M1 [%]=79.5

Dist 3dB Peak [mm]=12.0



CPH2699 LTE Band 41 20M QPSK 50RB50 41055CH Right tilted Ant3**CPH2699**

Communication System: Band 41; Frequency: 2636.500

Medium: Head Simulating Liquid. Medium parameters used: $f = 2636.500$ MHz; $\sigma = 1.77$ S/m; $\epsilon_r = 39.7$

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: 15.0 mm x 15.0 mm

SAR (1g) = 0.618 W/kg; SAR (10g) = 0.299 W/kg;

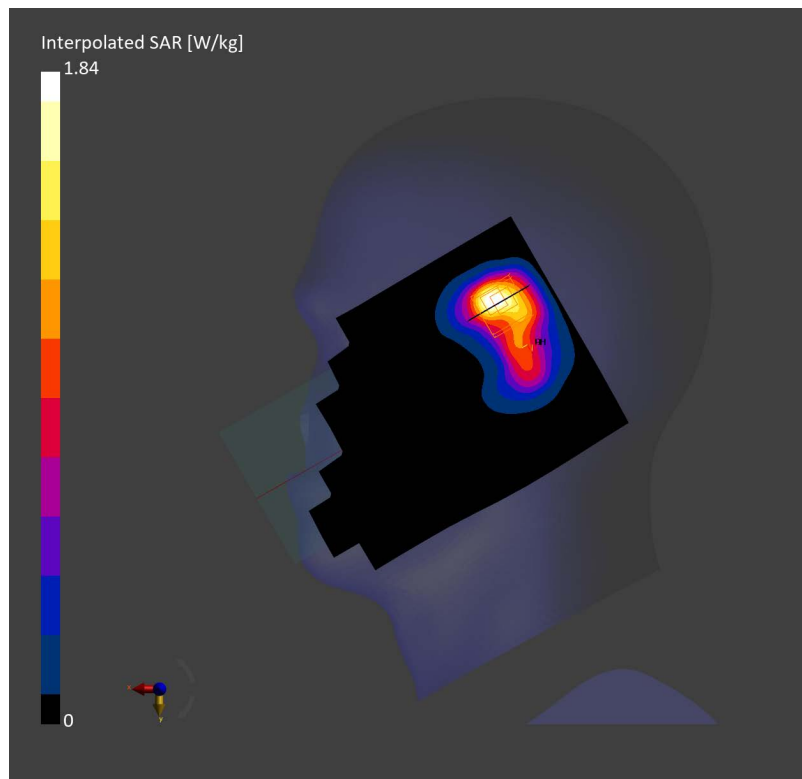
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 0.789 W/kg; SAR (10g) = 0.341 W/kg;

M2/M1 [%]=76.5

Dist 3dB Peak [mm]=8.0



CPH2699 LTE Band 41 20M QPSK 50RB0 40620CH Back side 15mm Ant3**CPH2699**

Communication System: Band 41; Frequency: 2593.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2593.000$ MHz; $\sigma = 1.98$ S/m; $\epsilon_r = 39.8$

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 192.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.414 W/kg; SAR (10g) = 0.223 W/kg;

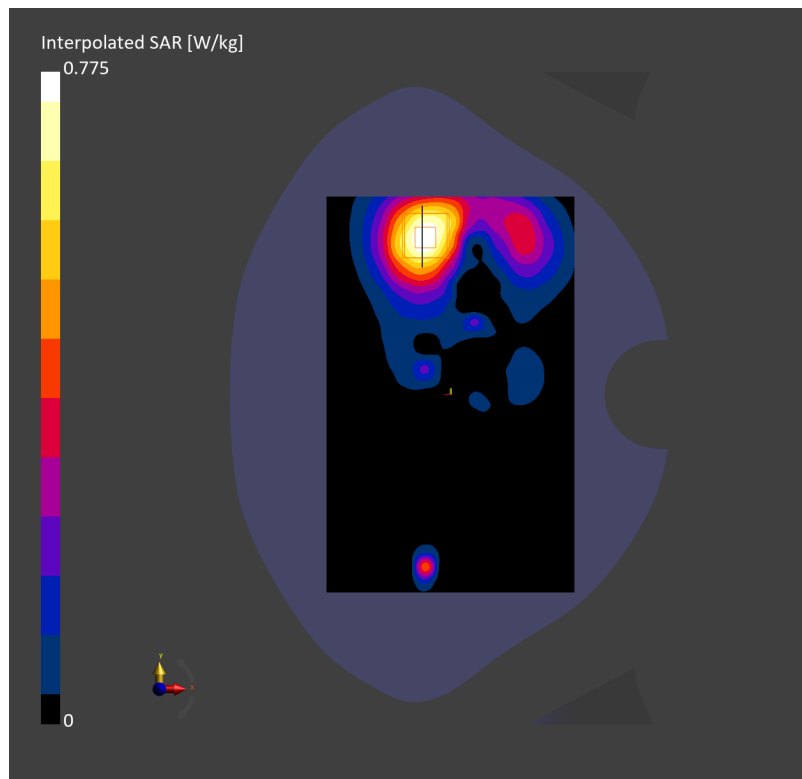
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = -0.01 dB

SAR (1g) = 0.423 W/kg; SAR (10g) = 0.229 W/kg;

M2/M1 [%]=51.3

Dist 3dB Peak [mm]=17.0



CPH2699 LTE Band 41 20M QPSK 1RB50 40185CH Top side 10mm Ant3

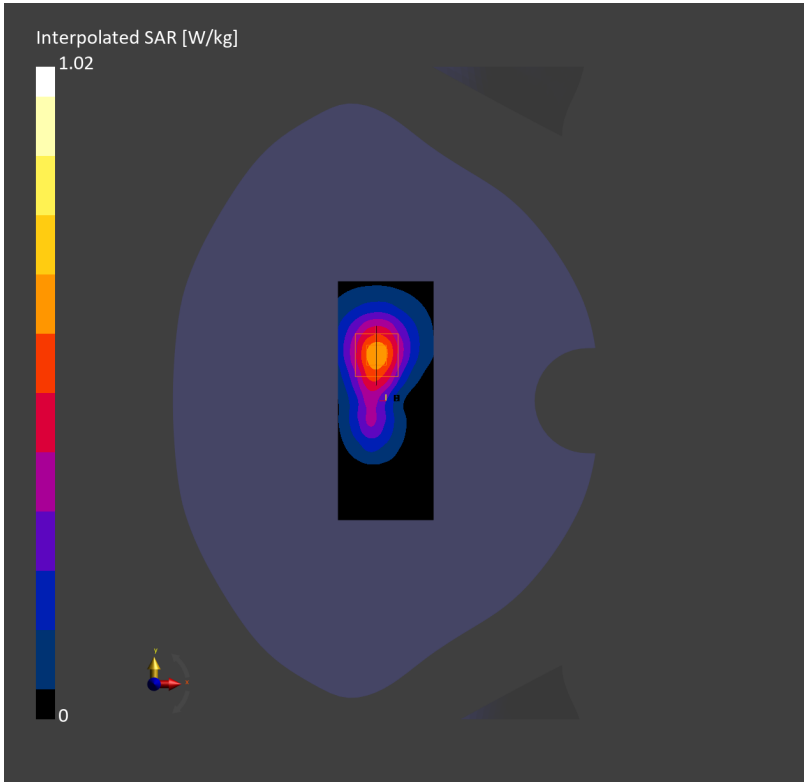
CPH2699

Communication System: Band 41; Frequency: 2549.500
Medium: Head Simulating Liquid. Medium parameters used: f= 2549.500 MHz; σ = 1.93 S/m; ϵ_r = 40.0

- 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: 12.0 mm x 12.0 mm
SAR (1g) = 0.518 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 5.0 mm
Power Drift = 0.01 dB
SAR (1g) = 0.534 W/kg; SAR (10g) = 0.275 W/kg;
M2/M1 [%]=50.7
Dist 3dB Peak [mm]=12.7



CPH2699 WIFI 2.4G 802.11b 6CH Left cheek Ant8**CPH2699**

Communication System: WLAN 2.4GHz; Frequency: 2437.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2437.000$ MHz; $\sigma = 1.81$ S/m; $\epsilon_r = 40.3$

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 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.515 W/kg; SAR (10g) = 0.244 W/kg;

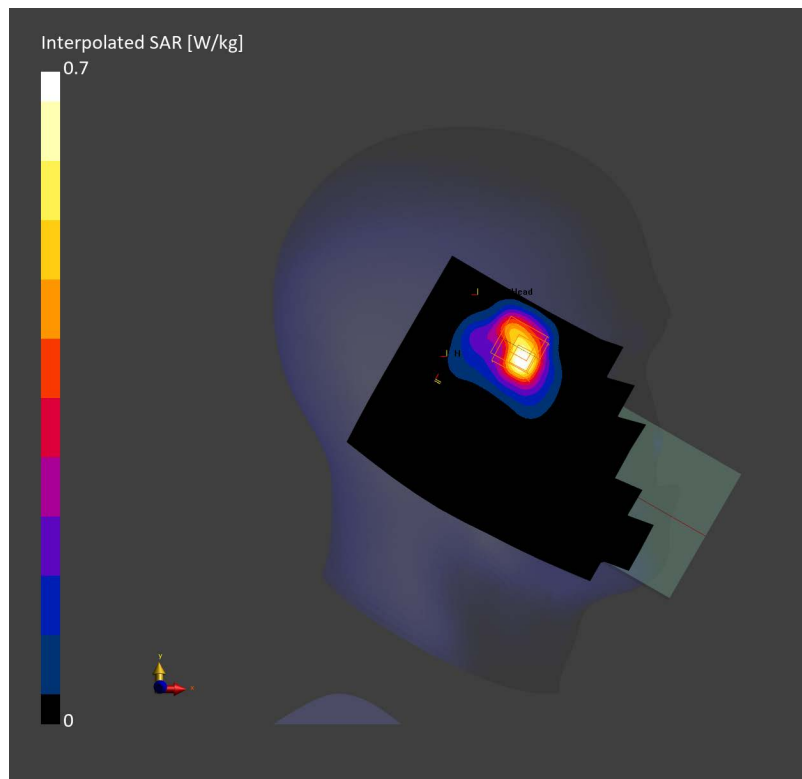
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.00 dB

SAR (1g) = 0.631 W/kg; SAR (10g) = 0.251 W/kg;

M2/M1 [%]=74.6

Dist 3dB Peak [mm]=5.7



CPH2699 WIFI 2.4G 802.11b 6CH Back side 15mm Ant8**CPH2699**

Communication System: WLAN 2.4GHz; Frequency: 2437.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2437.000$ MHz; $\sigma = 1.81$ S/m; $\epsilon_r = 40.3$

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 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.220 W/kg; SAR (10g) = 0.120 W/kg;

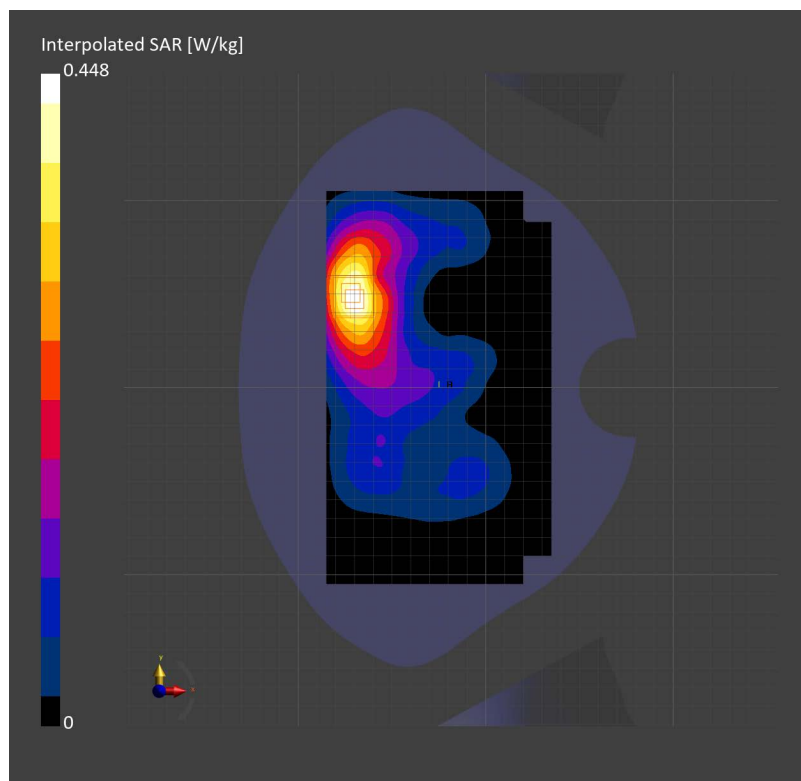
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.06 dB

SAR (1g) = 0.229 W/kg; SAR (10g) = 0.121 W/kg;

M2/M1 [%]=79.6

Dist 3dB Peak [mm]=13.0



CPH2699 WIFI 2.4G 802.11b 6CH Right side 10mm Ant8

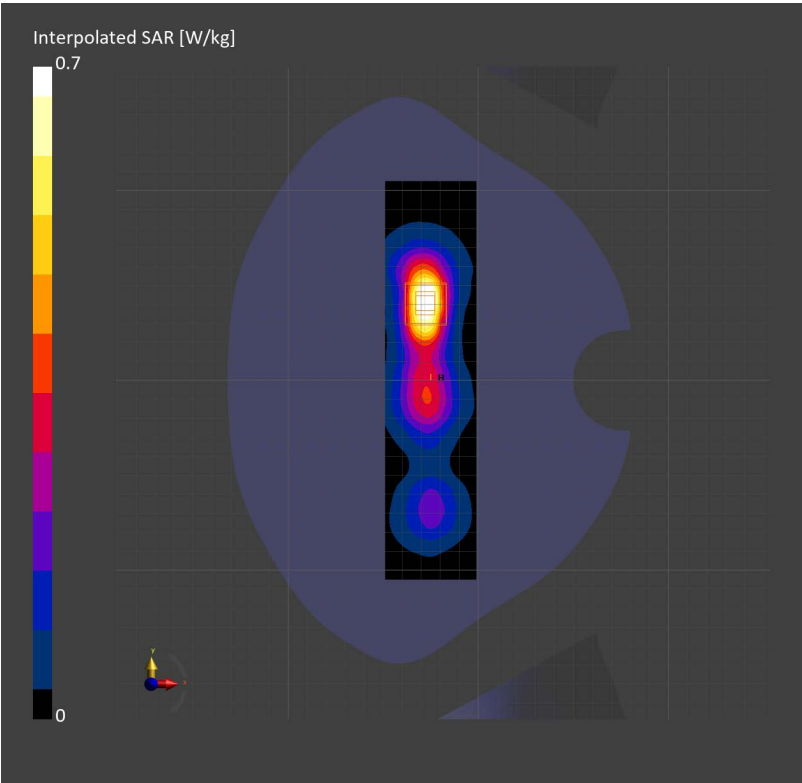
CPH2699

Communication System: WLAN 2.4GHz; Frequency: 2437.000
Medium: Head Simulating Liquid. Medium parameters used: $f=2437.000$ MHz; $\sigma=1.81$ S/m; $\epsilon_r=40.3$

- 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 (48.0 mm x 210.0 mm): Measurement Grid: 8.0 mm x 15.0 mm
SAR (1g) = 0.586 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 1.5 mm
Power Drift = 0.02 dB
SAR (1g) = 0.628 W/kg; SAR (10g) = 0.281 W/kg;
M2/M1 [%]=77.7
Dist 3dB Peak [mm]=8.1



CPH2699 WI-FI 5G 802.11n 40M 62CH Left cheek Ant8

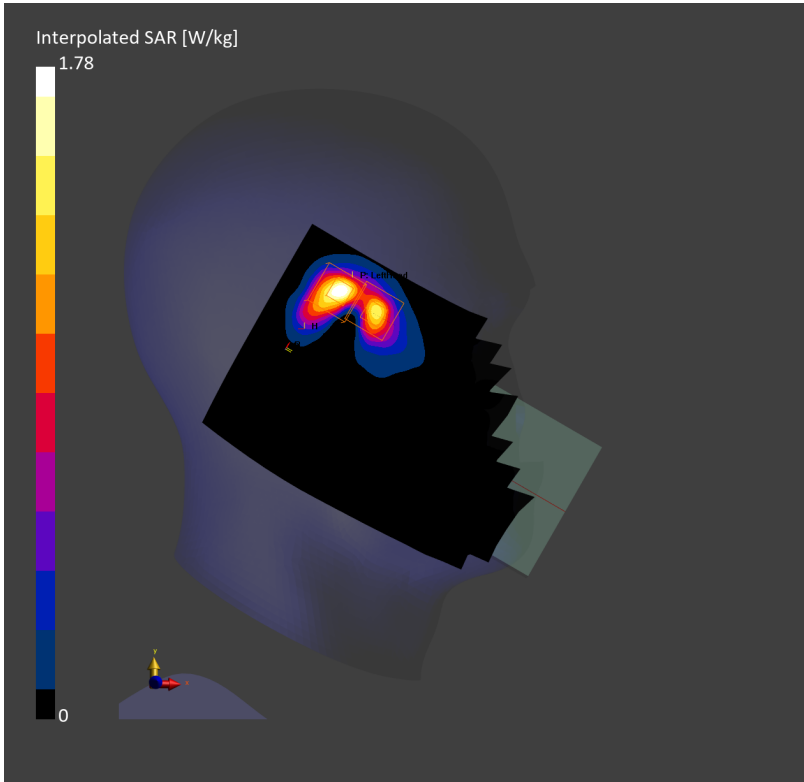
CPH2699

Communication System: WLAN 5GHz; Frequency: 5310.000
Medium: Head Simulating Liquid. Medium parameters used: f= 5310.000 MHz; σ = 4.73 S/m; ϵ_r = 36.5

- DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(5.52, 5.26, 5.42); 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 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.491 W/kg; SAR (10g) = 0.166 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) = 0.403 W/kg; SAR (10g) = 0.120 W/kg;
M2/M1 [%]=59.5
Dist 3dB Peak [mm]=5.9



CPH2699 WI-FI 5G 802.11ac VHT80 122CH Back side 15mm Ant8**CPH2699**

Communication System: WLAN 5GHz; Frequency: 5610.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 5610.000$ MHz; $\sigma = 5.09$ S/m; $\epsilon_r = 35.8$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(5.07, 4.84, 4.98); 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 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.210 W/kg; SAR (10g) = 0.084 W/kg;

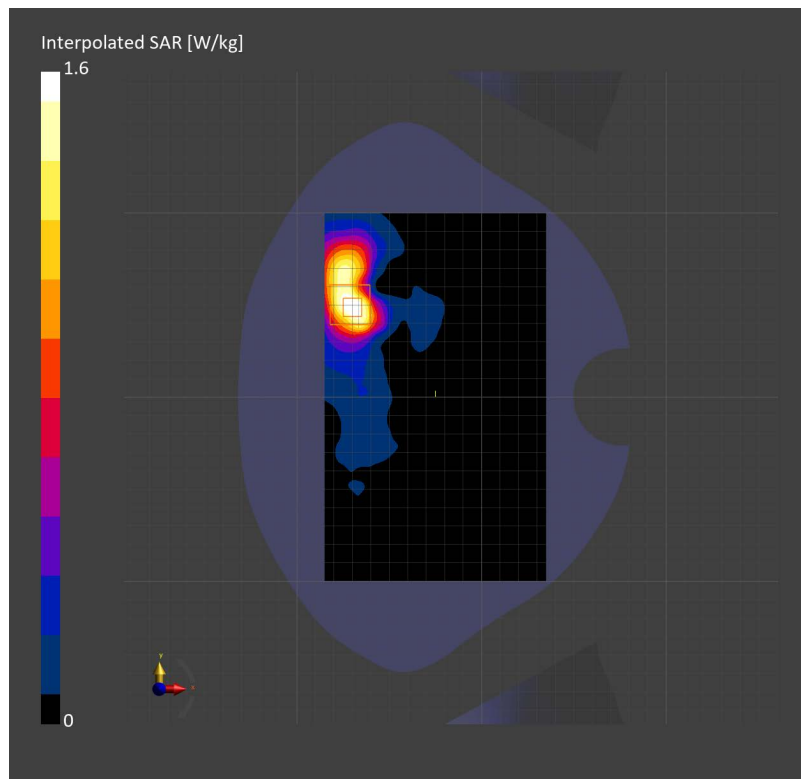
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.09 dB

SAR (1g) = 0.212 W/kg; SAR (10g) = 0.079 W/kg;

M2/M1 [%]=59.0

Dist 3dB Peak [mm]=9.2



CPH2699 WI-FI 5G 802.11a 165CH Right side 10mm Ant8**CPH2699**

Communication System: WLAN 5GHz; Frequency: 5825.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 5825.000$ MHz; $\sigma = 5.32$ S/m; $\epsilon_r = 35.2$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(5.18, 4.94, 5.09); 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 200.0 mm): Measurement Grid: 8.0 mm x 10.0 mm

SAR (1g) = 0.645 W/kg; SAR (10g) = 0.247 W/kg;

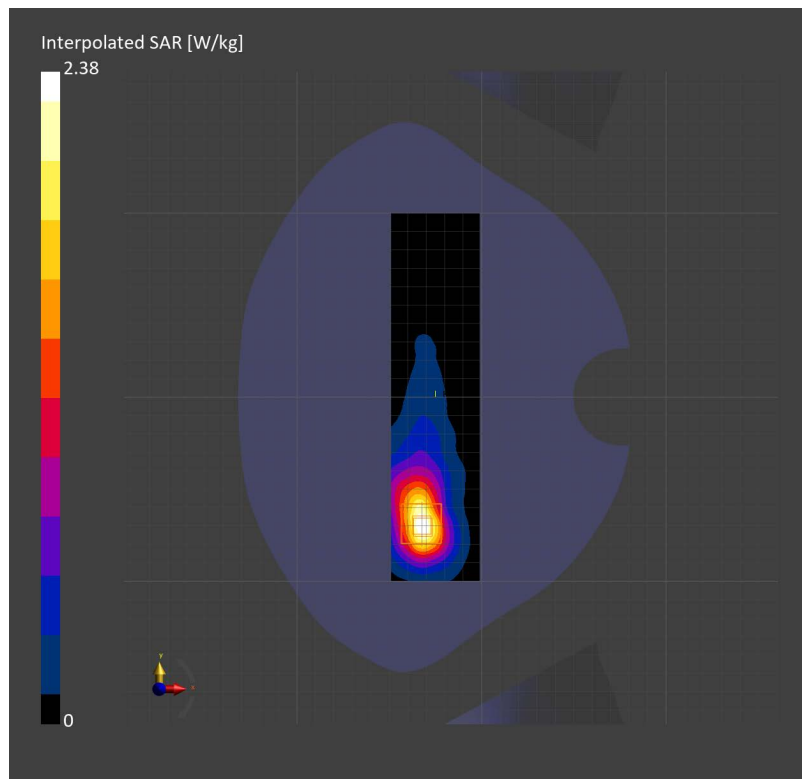
Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 2.0 mm

Power Drift = -0.05 dB

SAR (1g) = 0.631 W/kg; SAR (10g) = 0.241 W/kg;

M2/M1 [%]=47.4

Dist 3dB Peak [mm]=10.6



CPH2699 WI-FI 5G 802.11n 40M 62CH Right side 0mm Ant8**CPH2699**

Communication System: WLAN 5GHz; Frequency: 5310.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 5310.000$ MHz; $\sigma = 4.73$ S/m; $\epsilon_r = 36.5$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(5.52, 5.26, 5.42); 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 200.0 mm): Measurement Grid: 8.0 mm x 10.0 mm

SAR (1g) = 3.64 W/kg; SAR (10g) = 0.971 W/kg;

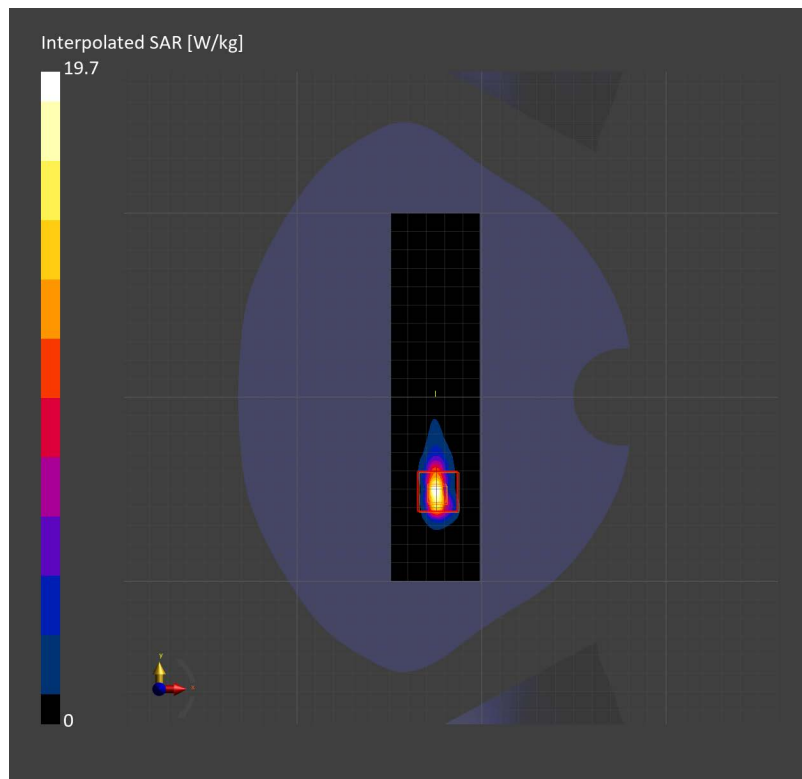
Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 2.0 mm

Power Drift = -0.03 dB

SAR (1g) = 3.98 W/kg; SAR (10g) = 1.04 W/kg;

M2/M1 [%]=44.9

Dist 3dB Peak [mm]=3.3



CPH2699 Bluetooth DH5 39CH Left cheek Ant8**CPH2699**

Communication System: ISM 2.4 GHz Band; Frequency: 2441.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2441.000$ MHz; $\sigma = 1.81$ S/m; $\epsilon_r = 40.3$

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 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.165 W/kg; SAR (10g) = 0.083 W/kg;

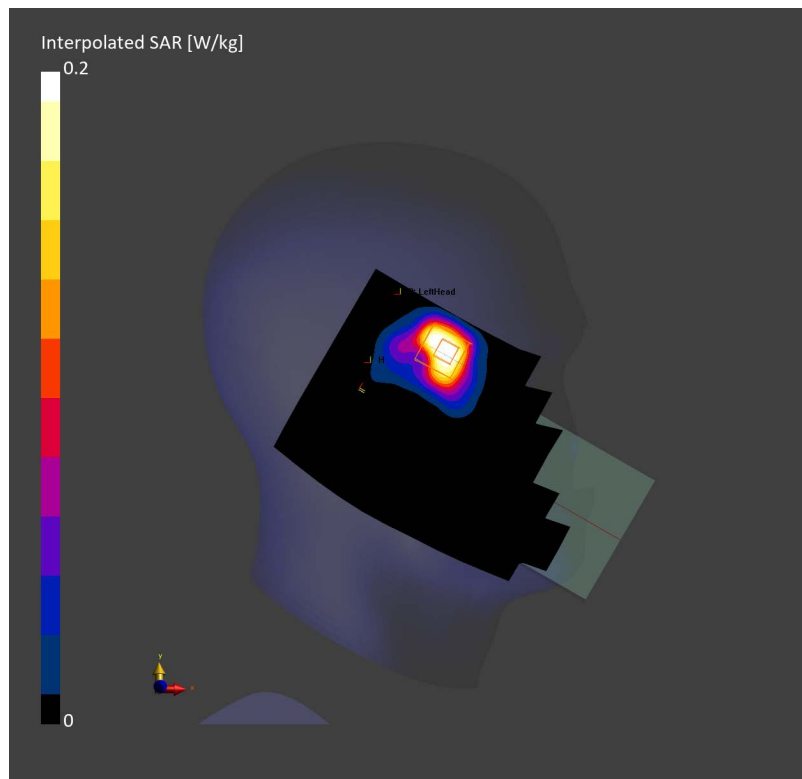
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.04 dB

SAR (1g) = 0.191 W/kg; SAR (10g) = 0.076 W/kg;

M2/M1 [%]=73.6

Dist 3dB Peak [mm]=5.0



CPH2699 Bluetooth DH5 39CH Back side 15mm Ant8**CPH2699**

Communication System: ISM 2.4 GHz Band; Frequency: 2441.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2441.000$ MHz; $\sigma = 1.81$ S/m; $\epsilon_r = 40.3$

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 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.106 W/kg; SAR (10g) = 0.058 W/kg;

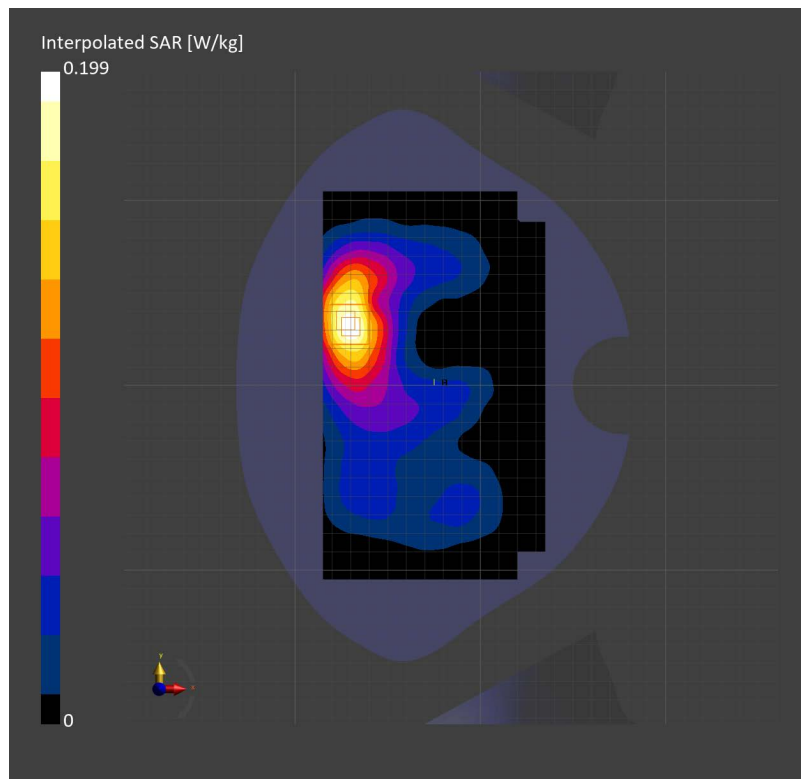
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = -0.09 dB

SAR (1g) = 0.105 W/kg; SAR (10g) = 0.054 W/kg;

M2/M1 [%]=51.4

Dist 3dB Peak [mm]=12.2



CPH2699 Bluetooth DH5 39CH Right side 10mm Ant8**CPH2699**

Communication System: ISM 2.4 GHz Band; Frequency: 2441.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2441.000$ MHz; $\sigma = 1.72$ S/m; $\epsilon_r = 38.5$

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 (48.0 mm x 210.0 mm): Measurement Grid: 8.0 mm x 15.0 mm

SAR (1g) = 0.259 W/kg; SAR (10g) = 0.122 W/kg;

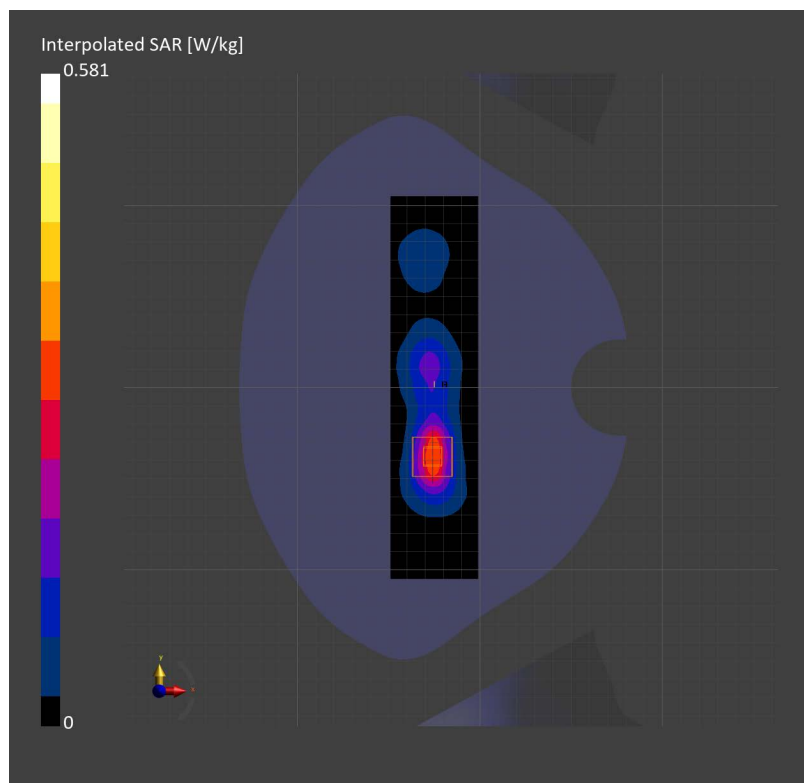
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = -0.17 dB

SAR (1g) = 0.273 W/kg; SAR (10g) = 0.120 W/kg;

M2/M1 [%]=46.9

Dist 3dB Peak [mm]=8.0



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

SZSAR-TRF-01-A04 Rev. A/0 Aug 16,2024

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- End of the Appendix -



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