Appendix B

Detailed Test Results

GSM850 for Head, Body-worn&Hotspot
GSM1900 for Head, Body-worn&Hotspot
WCDMA Band II for Head, Body-worn&Hotspot
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 7 for Head, Body-worn&Hotspot
LTE Band 12 for Head, Body-worn&Hotspot
LTE Band 13 for Head, Body-worn&Hotspot
LTE Band 26 for Head, Body-worn&Hotspot
LTE Band 41 for Head, Body-worn&Hotspot
LTE Band 66 for Head, Body-worn&Hotspot
WIFI 2.4G for Head, Body-worn&Hotspot
BT for Head, Body-worn&Hotspot

Date: 2025-03-23

Test Laboratory: SGS-SAR Lab

T450A GSM850 GPRS 2TS 251CH Right cheek Ant2

DUT: T450A; Type: Mobile Phone; Serial: 356790420003523

Communication System: UID 0, GPRS/EGPRS Mode(2up) Communication System (0); Frequency: 848.8 MHz;Duty Cycle: 1:4.14954

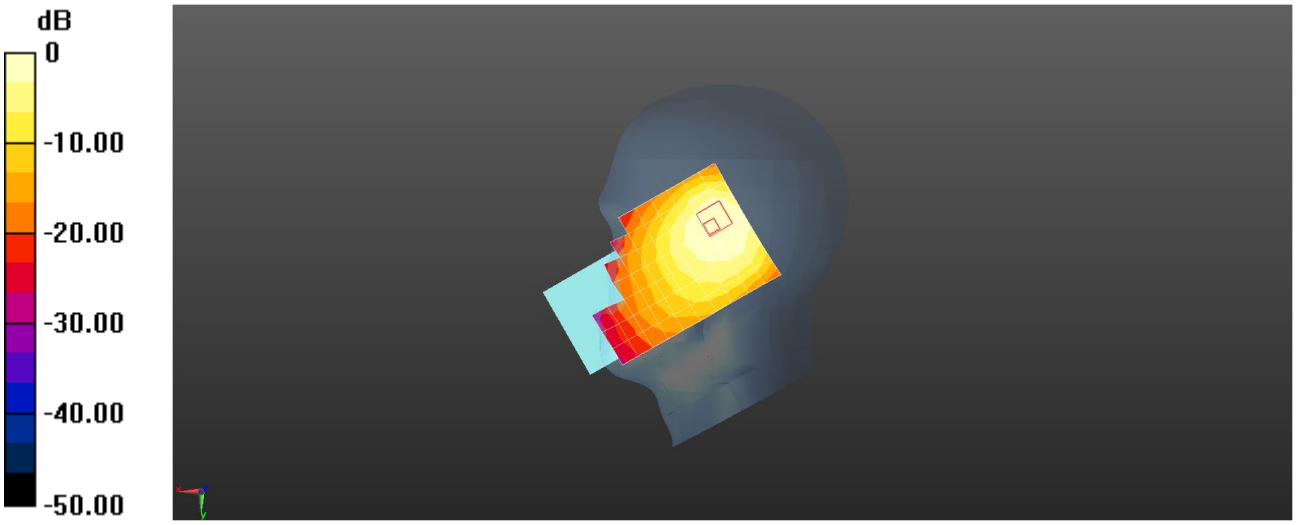
Medium: HSL750~900;Medium parameters used: f = 849 MHz; σ = 0.936 S/m; ε_r = 42.886; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.64, 8.64, 8.64); Calibrated: 2025-01-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1663; Calibrated: 2024-04-16
- Phantom: SAM 6; Type: SAM Twin; Serial: 1913
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.43 W/kg

Configuration/Head/Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.88 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.05 W/kg
SAR(1 g) = 0.966 W/kg; SAR(10 g) = 0.631 W/kg
Smallest distance from peaks to all points 3 dB below = 11.5 mm
Ratio of SAR at M2 to SAR at M1 = 50.2%
Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg = 1.55 dBW/kg

T450A GSM850 GPRS 2TS 190CH Back side 10mm Ant2

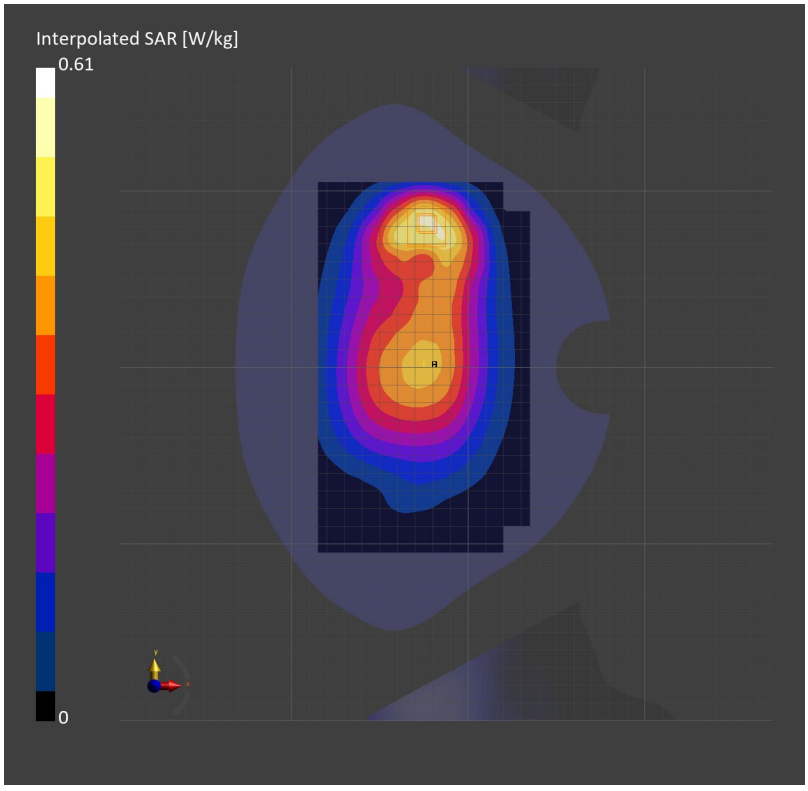
T450A

Communication System: GSM 850; Frequency: 836.600
Medium: Head Simulating Liquid. Medium parameters used: f= 836.600 MHz; σ= 0.909 S/m; ε_r = 40.5

DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(8.89, 8.49, 8.74); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.456 W/kg; SAR (10g) = 0.312 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) = 0.513 W/kg; SAR (10g) = 0.294 W/kg;
M2/M1 [%]=55.2
Dist 3dB Peak [mm]=13.6



T450A GSM1900 GPRS 2TS 661CH Left cheek Ant1

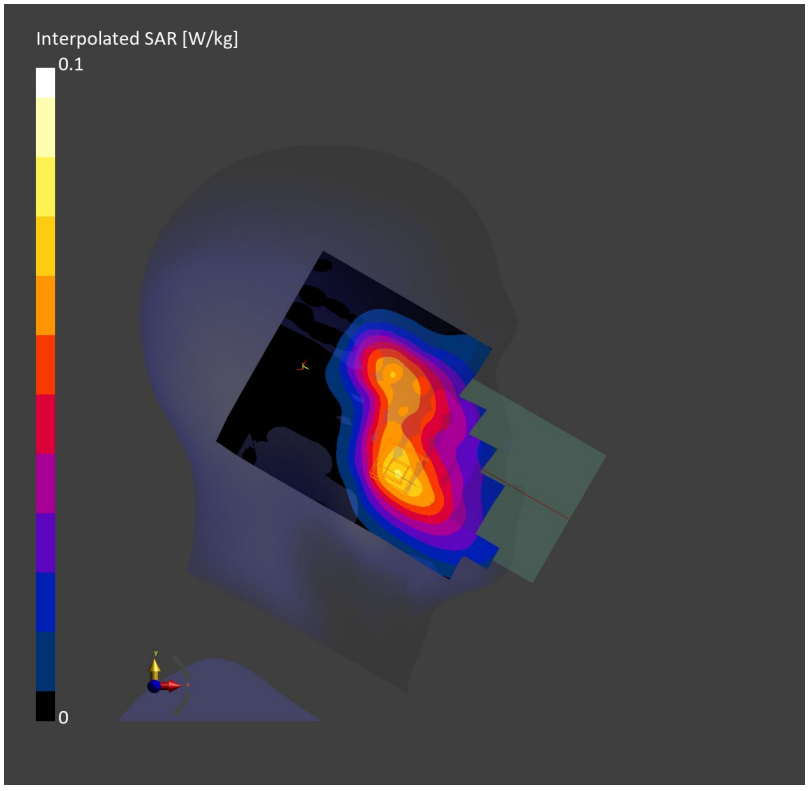
T450A

Communication System: PCS 1900; Frequency: 1880.000
Medium: Head Simulating Liquid. Medium parameters used: f= 1880.000 MHz; σ= 1.36 S/m; ε_r = 41.1

DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(7.77, 7.41, 7.63); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.062 W/kg; SAR (10g) = 0.038 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) = 0.066 W/kg; SAR (10g) = 0.043 W/kg;
M2/M1 [%]=66.4
Dist 3dB Peak [mm]=16.8



T450A GSM1900 GPRS 2TS 661CH Bottom side 10mm Ant1

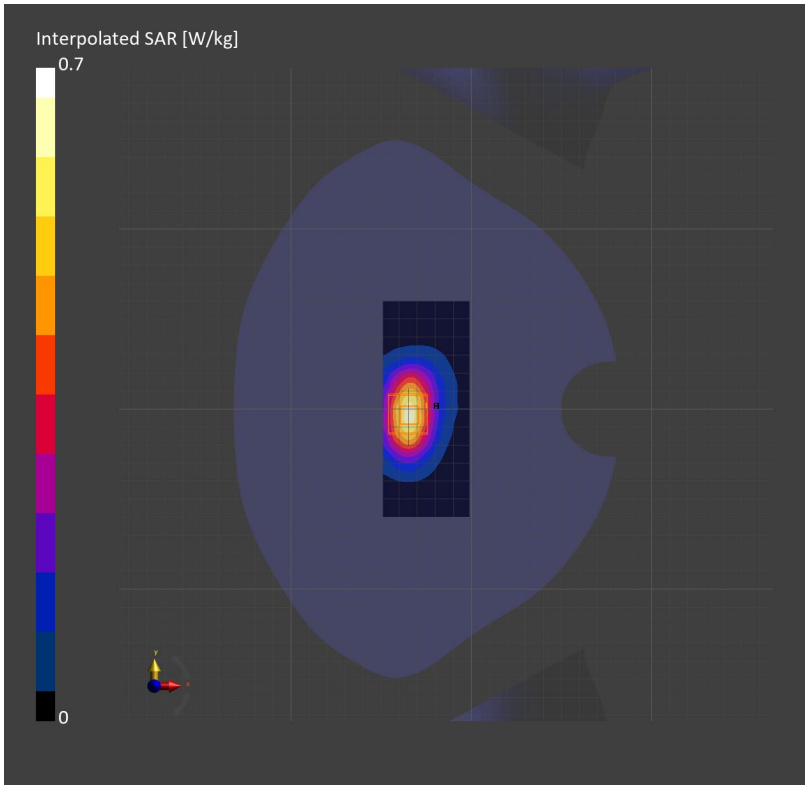
T450A

Communication System: PCS 1900; Frequency: 1880.000
Medium: Head Simulating Liquid. Medium parameters used: f= 1880.000 MHz; σ= 1.36 S/m; ε_r = 41.1

DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(7.77, 7.41, 7.63); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (48.0 mm x 120.0 mm): Measurement Grid: 8.0 mm x 8.0 mm
SAR (1g) = 0.494 W/kg; SAR (10g) = 0.269 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) = 0.503 W/kg; SAR (10g) = 0.273 W/kg;
M2/M1 [%]=57.0
Dist 3dB Peak [mm]=11.7



T450A WCDMA Band II RMC 9400CH Right cheek Ant1

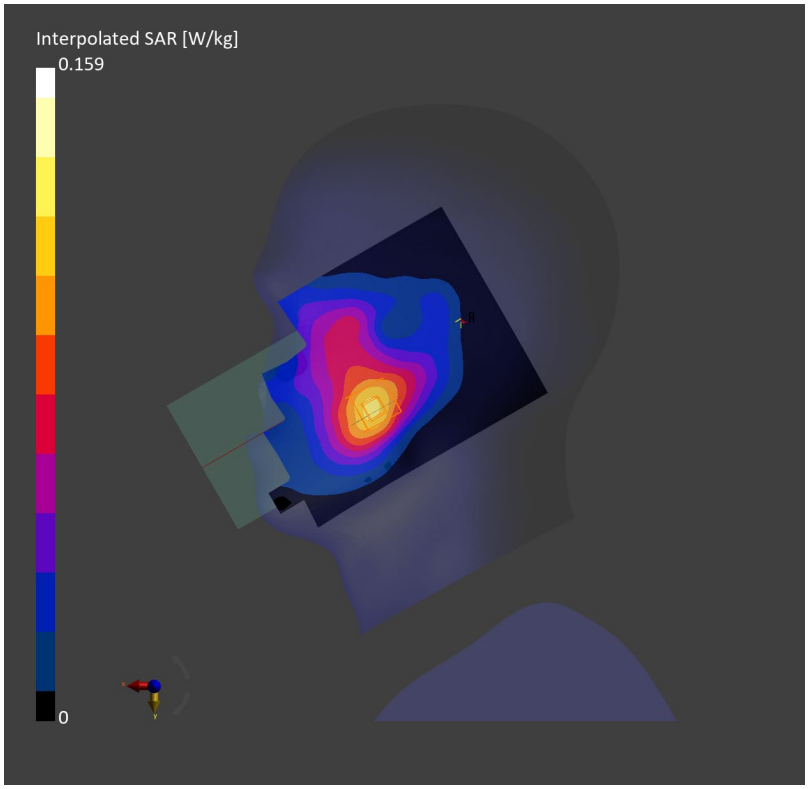
T450A

Communication System: Band 2; Frequency: 1880.000
Medium: Head Simulating Liquid. Medium parameters used: f= 1880.000 MHz; σ= 1.36 S/m; ε_r = 41.1

DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(7.77, 7.41, 7.63); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.103 W/kg; SAR (10g) = 0.062 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) = 0.107 W/kg; SAR (10g) = 0.068 W/kg;
M2/M1 [%]=67.6
Dist 3dB Peak [mm]=14.9



T450A WCDMA Band II RMC 9262CH Bottom side 10mm Ant1

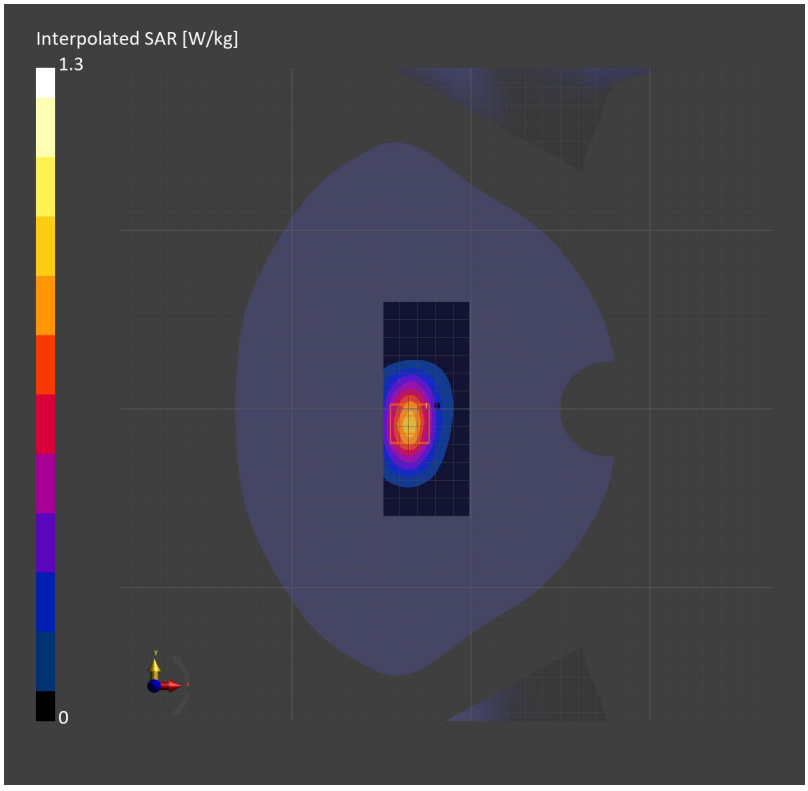
T450A

Communication System: Band 2; Frequency: 1852.400
Medium: Head Simulating Liquid. Medium parameters used: f= 1852.400 MHz; σ= 1.35 S/m; ε_r = 41.2

DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(7.77, 7.41, 7.63); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (48.0 mm x 120.0 mm): Measurement Grid: 8.0 mm x 8.0 mm
SAR (1g) = 0.751 W/kg; SAR (10g) = 0.408 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) = 0.756 W/kg; SAR (10g) = 0.412 W/kg;
M2/M1 [%]=58.8
Dist 3dB Peak [mm]=12.2



T450A WCDMA Band IV RMC 1412CH Right cheek Ant1

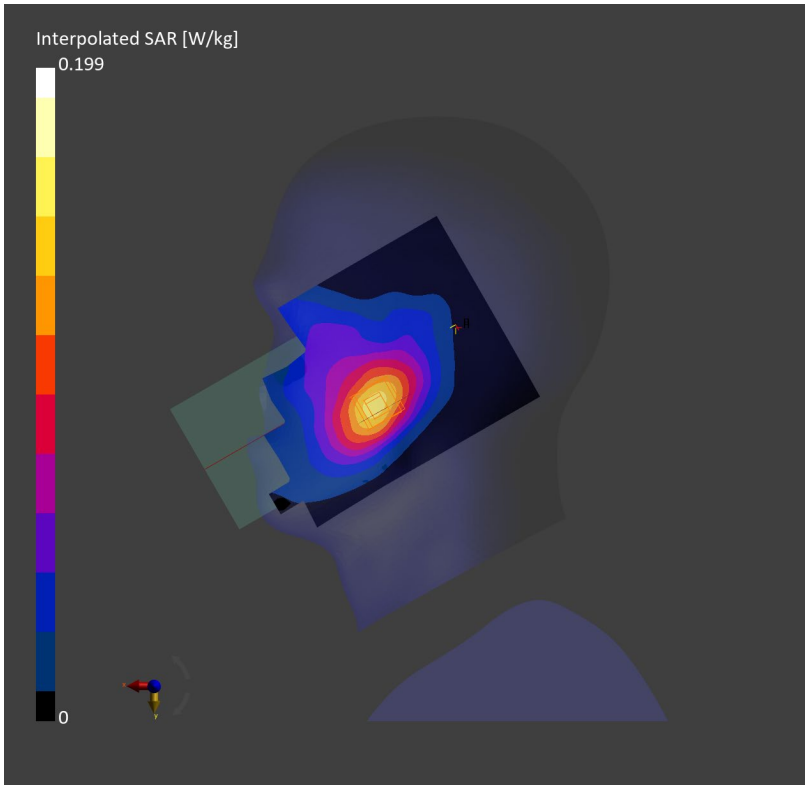
T450A

Communication System: Band 4; Frequency: 1732.400
Medium: Head Simulating Liquid. Medium parameters used: f= 1732.400 MHz; σ= 1.32 S/m; ε_r = 38.9

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

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.131 W/kg; SAR (10g) = 0.080 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 = 0.11 dB
SAR (1g) = 0.138 W/kg; SAR (10g) = 0.089 W/kg;
M2/M1 [%]=71.4
Dist 3dB Peak [mm]=15.0



T450A WCDMA Band IV RMC 1513CH Bottom side 10mm Ant1

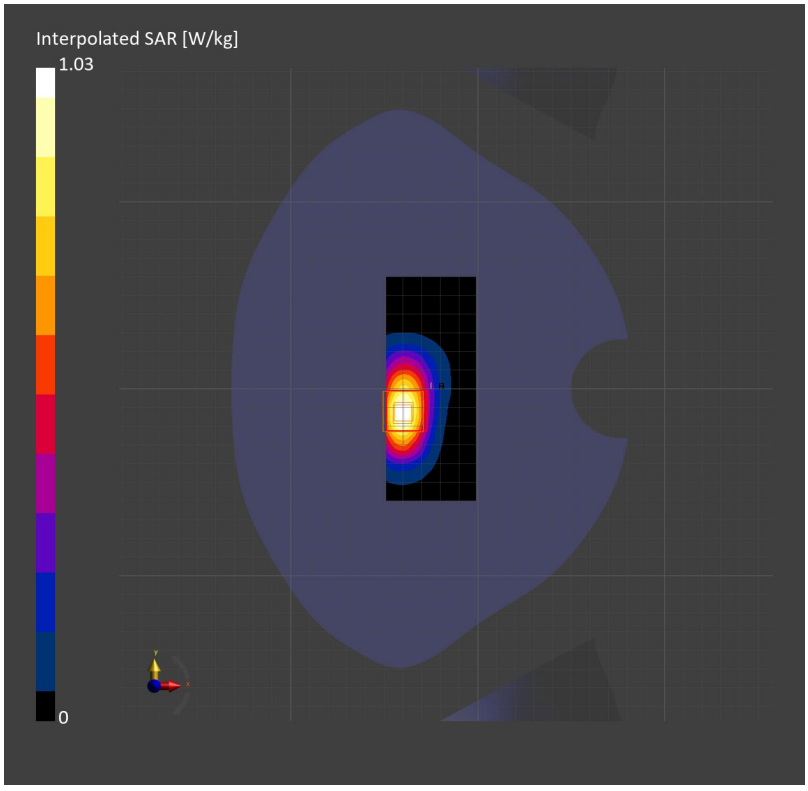
T450A

Communication System: Band 4; Frequency: 1752.600
Medium: Head Simulating Liquid. Medium parameters used: f= 1752.600 MHz; σ= 1.33 S/m; ε_r = 38.8

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

Area Scan (48.0 mm x 120.0 mm): Measurement Grid: 8.0 mm x 8.0 mm
SAR (1g) = 0.591 W/kg; SAR (10g) = 0.316 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) = 0.594 W/kg; SAR (10g) = 0.321 W/kg;
M2/M1 [%]=58.2
Dist 3dB Peak [mm]=11.3



T450A WCDMA Band V RMC 4182CH Right cheek Ant2

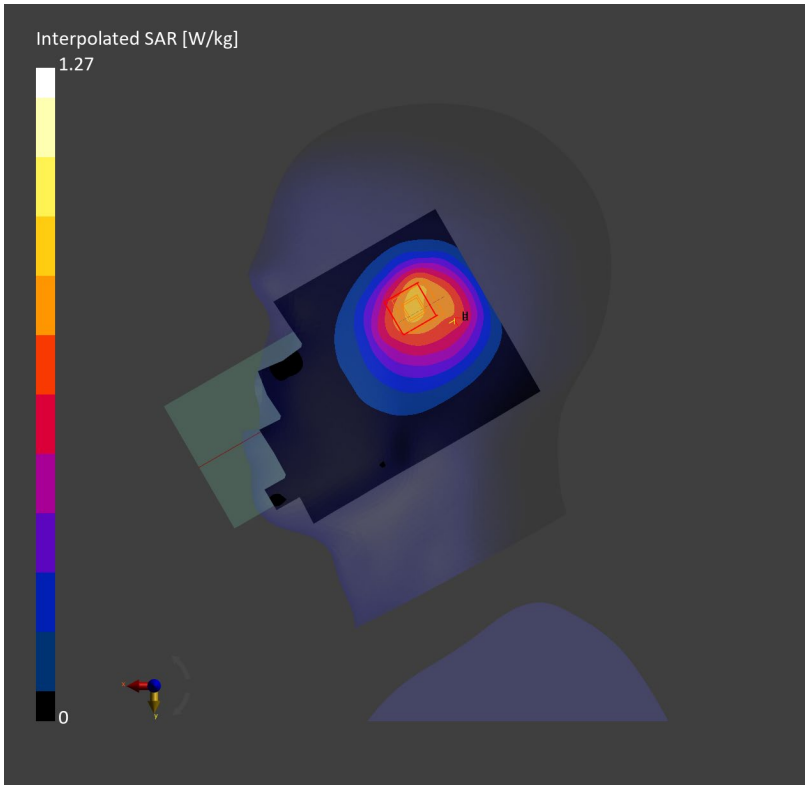
T450A

Communication System: Band 5; Frequency: 836.400
Medium: Head Simulating Liquid. Medium parameters used: f= 836.400 MHz; σ= 0.906 S/m; ε_r = 40.5

DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(8.89, 8.49, 8.74); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.773 W/kg; SAR (10g) = 0.535 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) = 0.792 W/kg; SAR (10g) = 0.554 W/kg;
M2/M1 [%]=54.7
Dist 3dB Peak [mm]=13.0



T450A WCDMA Band V RMC 4182CH Back side 10mm Ant2

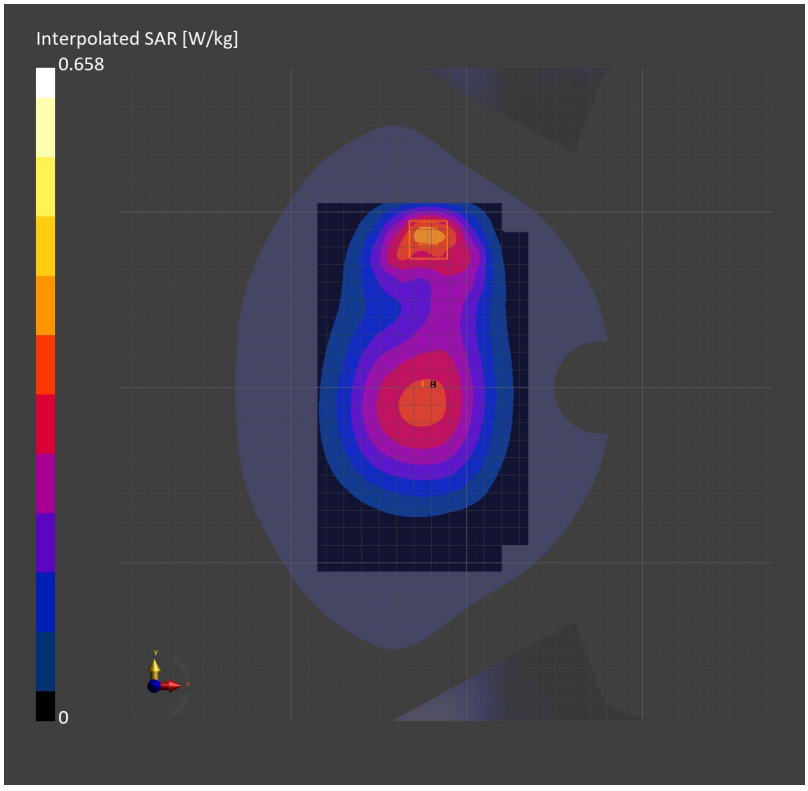
T450A

Communication System: Band 5; Frequency: 836.400
Medium: Head Simulating Liquid. Medium parameters used: f= 836.400 MHz; σ= 0.906 S/m; ε_r = 40.5

DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(8.89, 8.49, 8.74); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.354 W/kg; SAR (10g) = 0.232 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) = 0.381 W/kg; SAR (10g) = 0.220 W/kg;
M2/M1 [%]=57.8
Dist 3dB Peak [mm]=12.9



T450A LTE Band 2 20M QPSK 50RB50 19100CH Right cheek Ant1

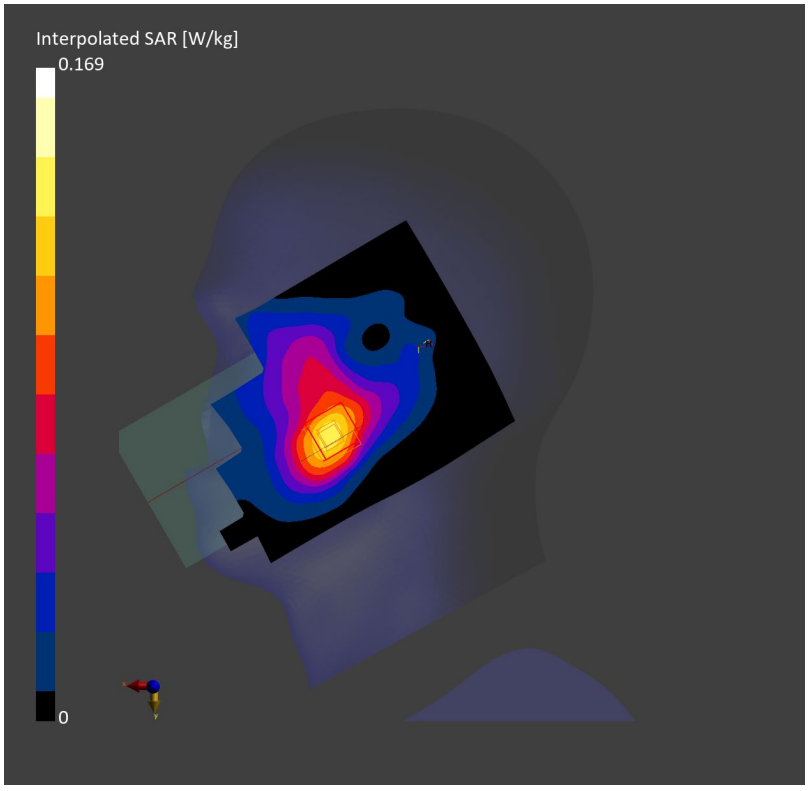
T450A

Communication System: Band 2; Frequency: 1900.000
Medium: Head Simulating Liquid. Medium parameters used: f= 1900.000 MHz; σ= 1.39 S/m; ε_r = 40.2

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) = 0.112 W/kg; SAR (10g) = 0.065 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) = 0.111 W/kg; SAR (10g) = 0.071 W/kg;
M2/M1 [%]=88.3
Dist 3dB Peak [mm]=12.1



T450A LTE Band 2 20M QPSK 1RB99 18700CH Bottom side 10mm Ant1

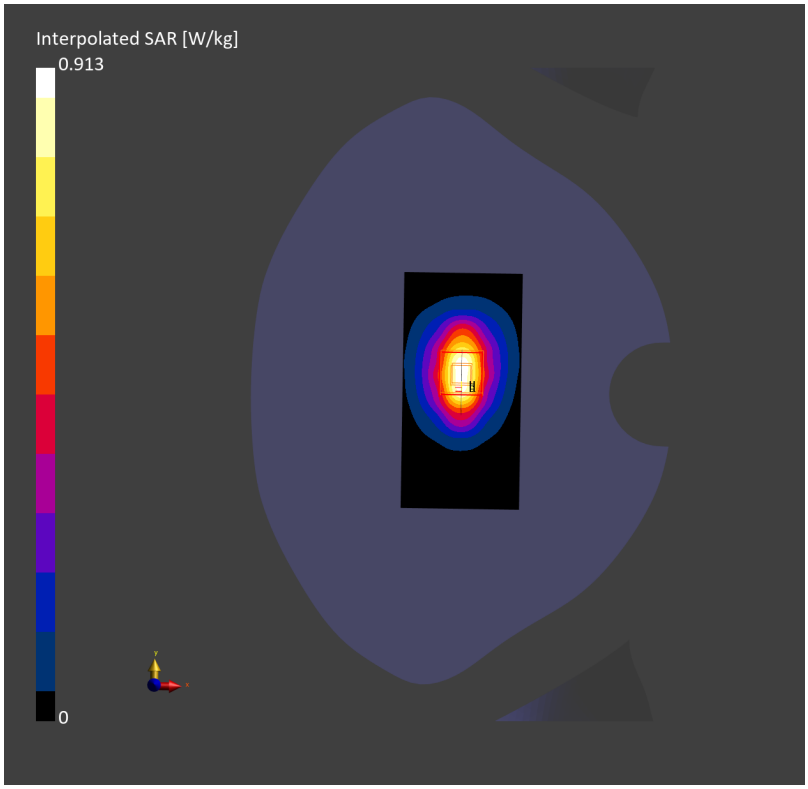
T450A

Communication System: Band 2; Frequency: 1860.000
Medium: Head Simulating Liquid. Medium parameters used: f= 1860.000 MHz; σ= 1.37 S/m; ε_r = 40.3

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 (60.0 mm x 120.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.742 W/kg; SAR (10g) = 0.401 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 = 0.16 dB
SAR (1g) = 0.761 W/kg; SAR (10g) = 0.419 W/kg;
M2/M1 [%]=56.2
Dist 3dB Peak [mm]=12.8



T450A LTE Band 7 20M QPSK 1RB99 20850CH Left cheek Ant1

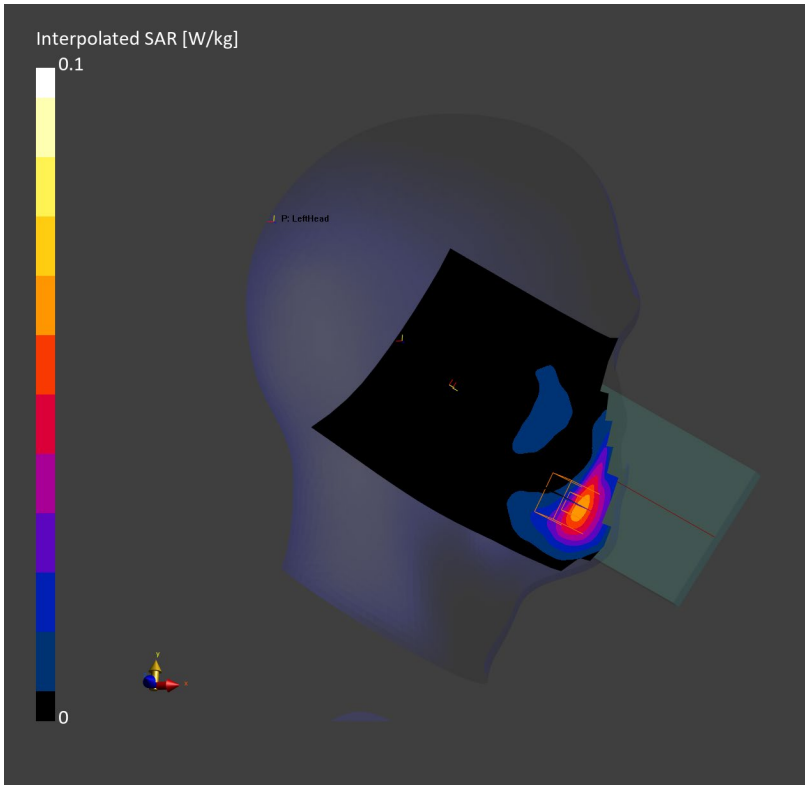
T450A

Communication System: Band 7; Frequency: 2510.000
Medium: Head Simulating Liquid. Medium parameters used: f= 2510.000 MHz; σ= 1.82 S/m; ε_r = 40.4

DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(7.5, 7.5, 7.5); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.053 W/kg; SAR (10g) = 0.028 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) = 0.050 W/kg; SAR (10g) = 0.027 W/kg;
M2/M1 [%]=51.2
Dist 3dB Peak [mm]=12.6



T450A LTE Band 7 20M QPSK 1RB0 21100CH Bottom side 10mm Ant1

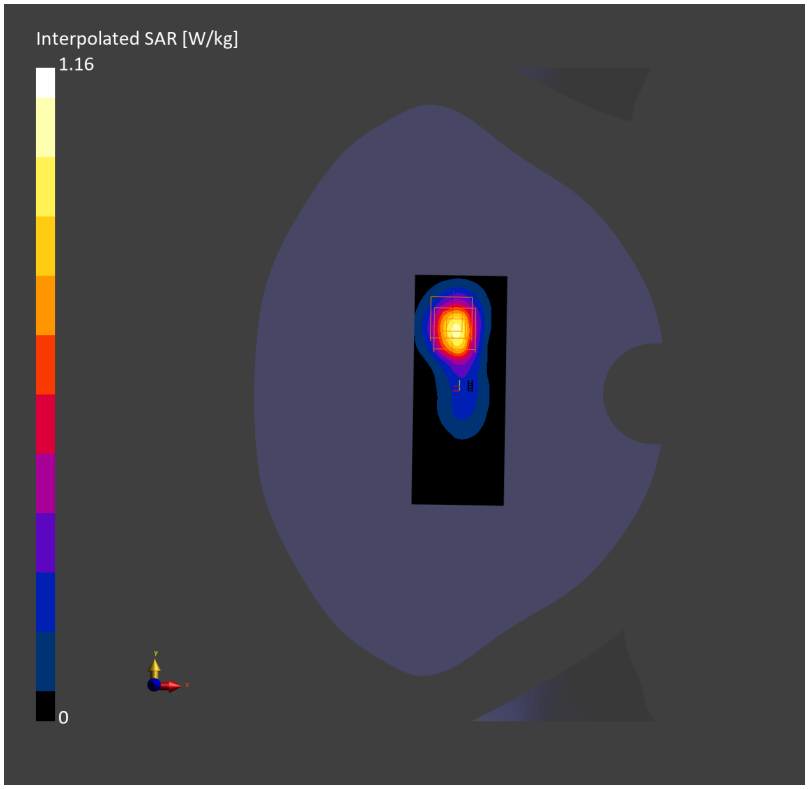
T450A

Communication System: Band 7; Frequency: 2535.000
Medium: Head Simulating Liquid. Medium parameters used: f= 2535.000 MHz; σ= 1.84 S/m; ε_r = 40.3

DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(7.5, 7.5, 7.5); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (48.0 mm x 120.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.772 W/kg; SAR (10g) = 0.356 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 = 0.19 dB
SAR (1g) = 0.810 W/kg; SAR (10g) = 0.364 W/kg;
M2/M1 [%]=79.3
Dist 3dB Peak [mm]=8.9



T450A LTE Band 12 10M QPSK 25RB25 23130CH Right cheek Ant2

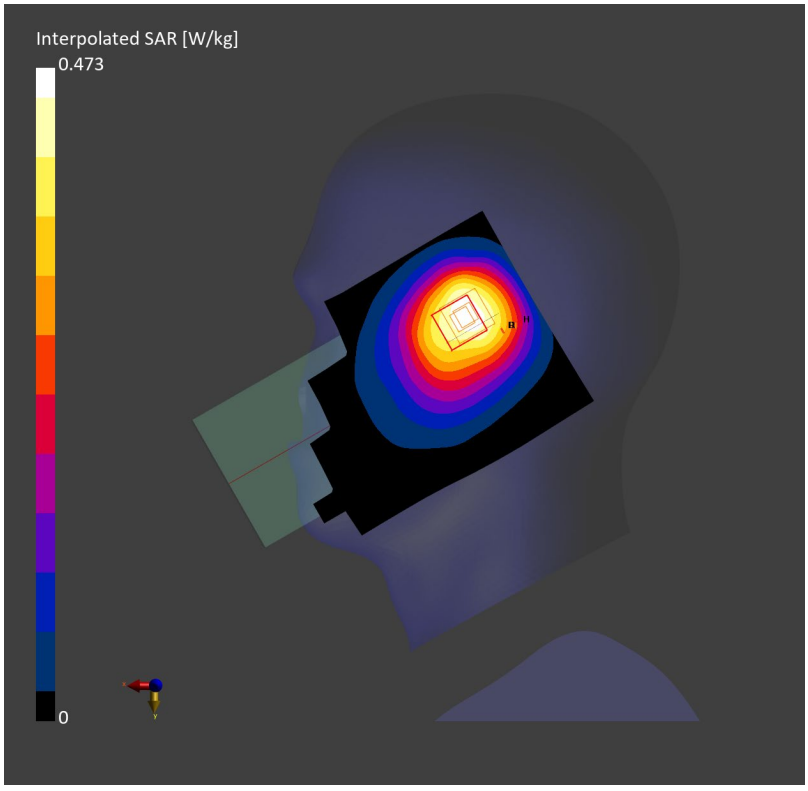
T450A

Communication System: Band 12; Frequency: 711.000
Medium: Head Simulating Liquid. Medium parameters used: f= 711.000 MHz; σ= 0.844 S/m; ε_r = 42.1

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) = 0.403 W/kg; SAR (10g) = 0.281 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) = 0.414 W/kg; SAR (10g) = 0.298 W/kg;
M2/M1 [%]=42.5
Dist 3dB Peak [mm]=> 16.0



T450A LTE Band 12 10M QPSK 25RB25 23130CH Back side 10mm Ant2

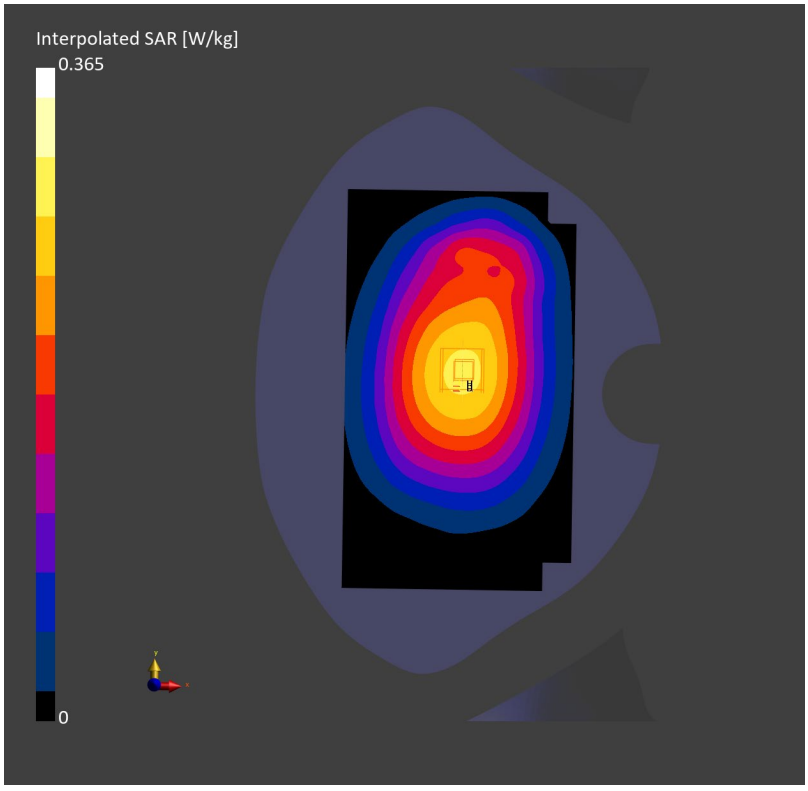
T450A

Communication System: Band 12; Frequency: 711.000
Medium: Head Simulating Liquid. Medium parameters used: f= 711.000 MHz; σ= 0.844 S/m; ε_r = 42.1

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) = 0.250 W/kg; SAR (10g) = 0.180 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) = 0.267 W/kg; SAR (10g) = 0.202 W/kg;
M2/M1 [%]=72.6
Dist 3dB Peak [mm]=> 16.0



T450A LTE Band 13 10M QPSK 1RB49 23230CH Right cheek Ant2

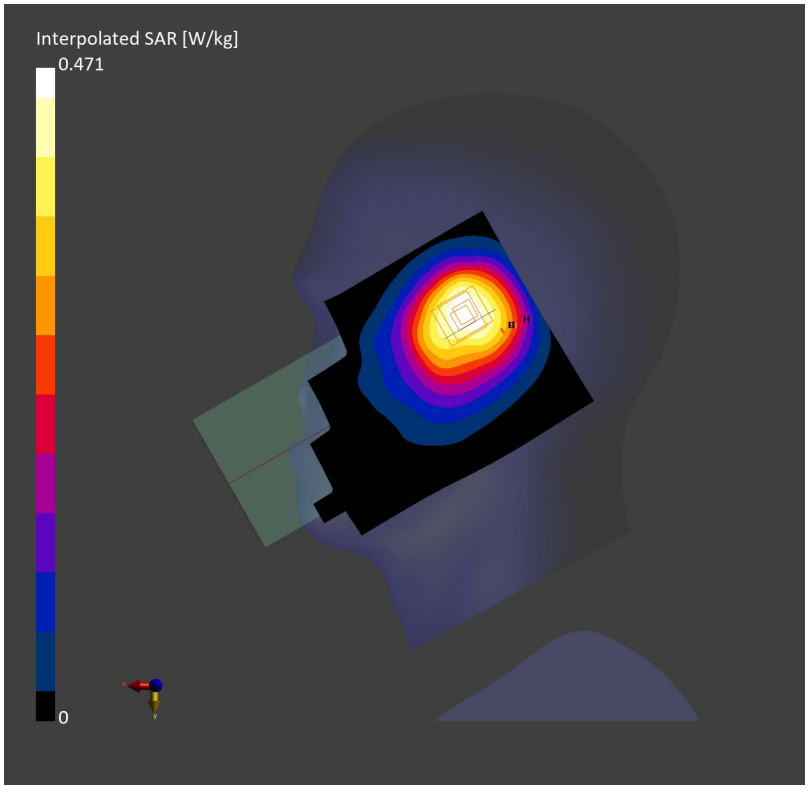
T450A

Communication System: Band 13; Frequency: 782.000
Medium: Head Simulating Liquid. Medium parameters used: f= 782.000 MHz; σ= 0.885 S/m; ε_r = 41.7

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) = 0.406 W/kg; SAR (10g) = 0.281 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm
Power Drift = 0.09 dB
SAR (1g) = 0.425 W/kg; SAR (10g) = 0.297 W/kg;
M2/M1 [%]=45.9
Dist 3dB Peak [mm]=> 16.0



T450A LTE Band 13 10M QPSK 1RB49 23230CH left side 10mm Ant2

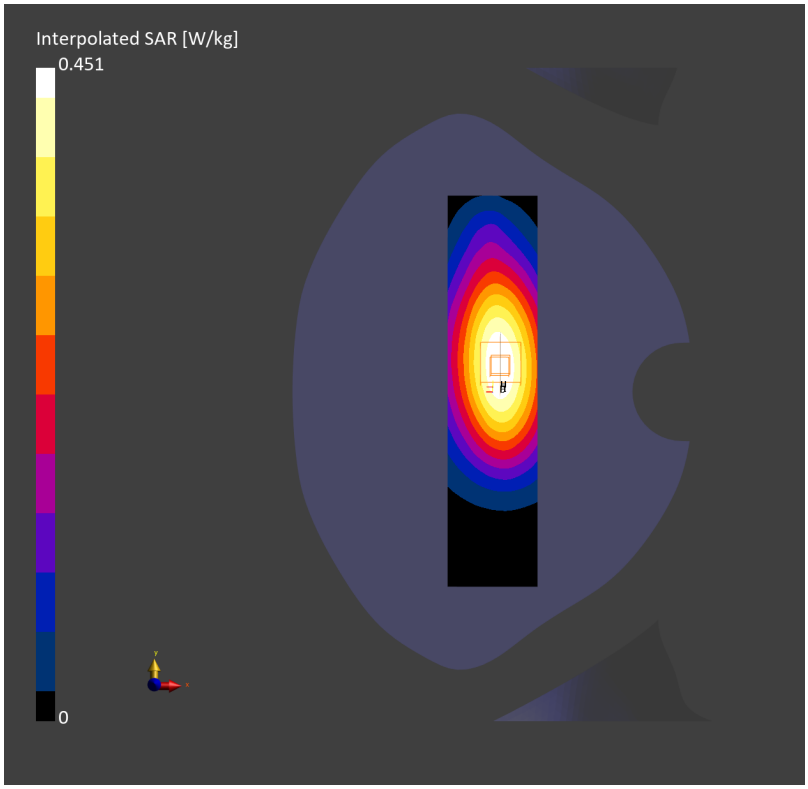
T450A

Communication System: Band 13; Frequency: 782.000
Medium: Head Simulating Liquid. Medium parameters used: f= 782.000 MHz; σ= 0.885 S/m; ε_r = 41.7

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) = 0.282 W/kg; SAR (10g) = 0.194 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) = 0.298 W/kg; SAR (10g) = 0.204 W/kg;
M2/M1 [%]=65.0
Dist 3dB Peak [mm]=> 16.0



T450A LTE Band 26 15M QPSK 1RB38 26865CH Right cheek Ant2

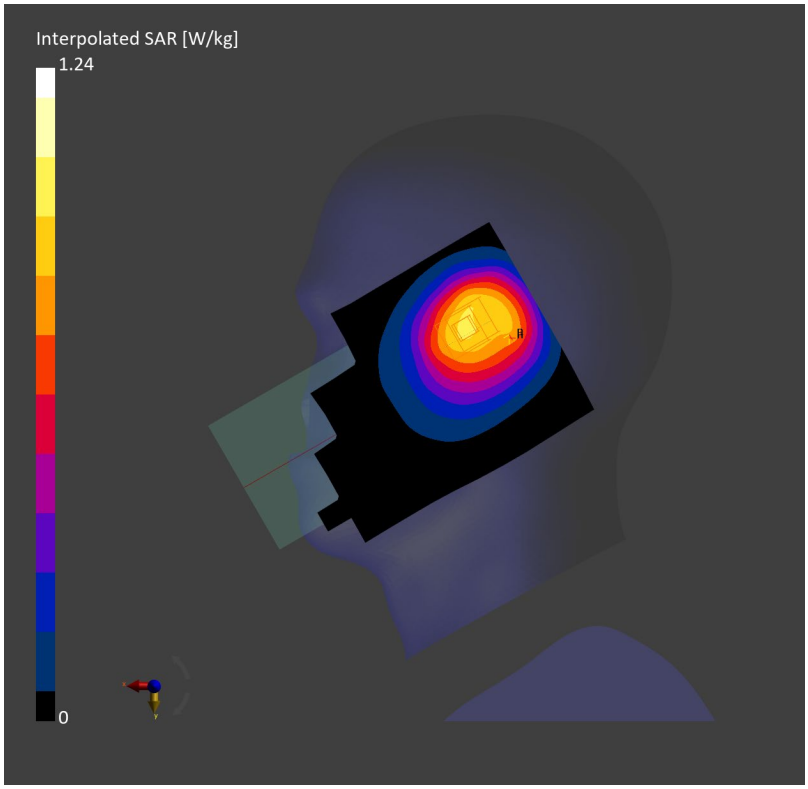
T450A

Communication System: Band 26; Frequency: 831.500
Medium: Head Simulating Liquid. Medium parameters used: f= 831.500 MHz; σ= 0.922 S/m; ε_r = 41.3

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) = 0.833 W/kg; SAR (10g) = 0.578 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) = 0.891 W/kg; SAR (10g) = 0.624 W/kg;
M2/M1 [%]=47.6
Dist 3dB Peak [mm]=13.6



T450A LTE Band 26 15M QPSK 1RB38 26865CH Back side 10mm Ant2

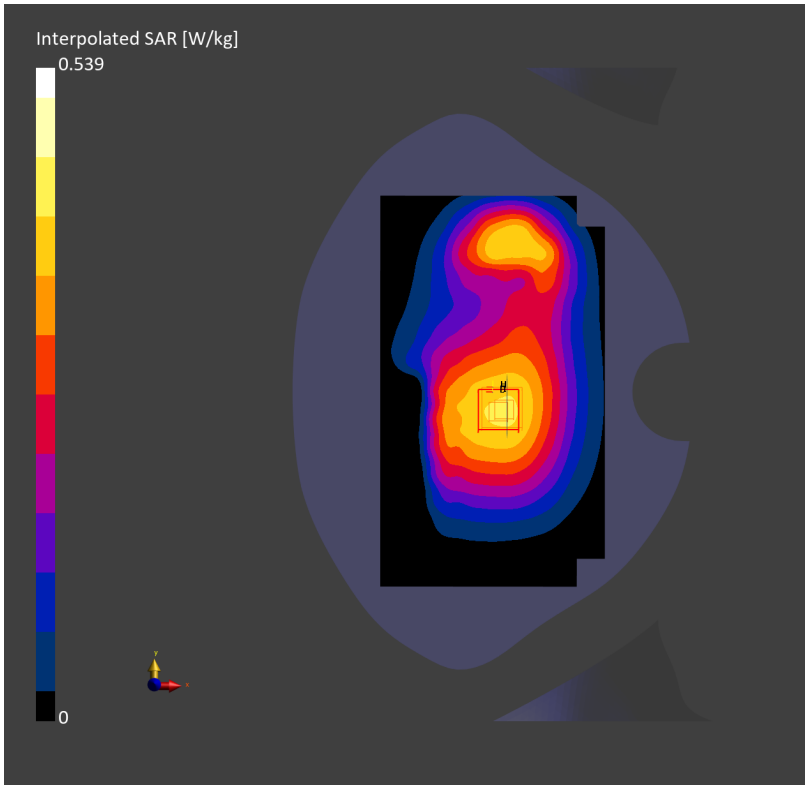
T450A

Communication System: Band 26; Frequency: 831.500
Medium: Head Simulating Liquid. Medium parameters used: f= 831.500 MHz; σ= 0.922 S/m; ε_r = 41.3

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) = 0.365 W/kg; SAR (10g) = 0.258 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) = 0.393 W/kg; SAR (10g) = 0.295 W/kg;
M2/M1 [%]=72.8
Dist 3dB Peak [mm]=> 16.0



T450A LTE Band 41 20M QPSK 1RB50 39750CH Left cheek Ant1

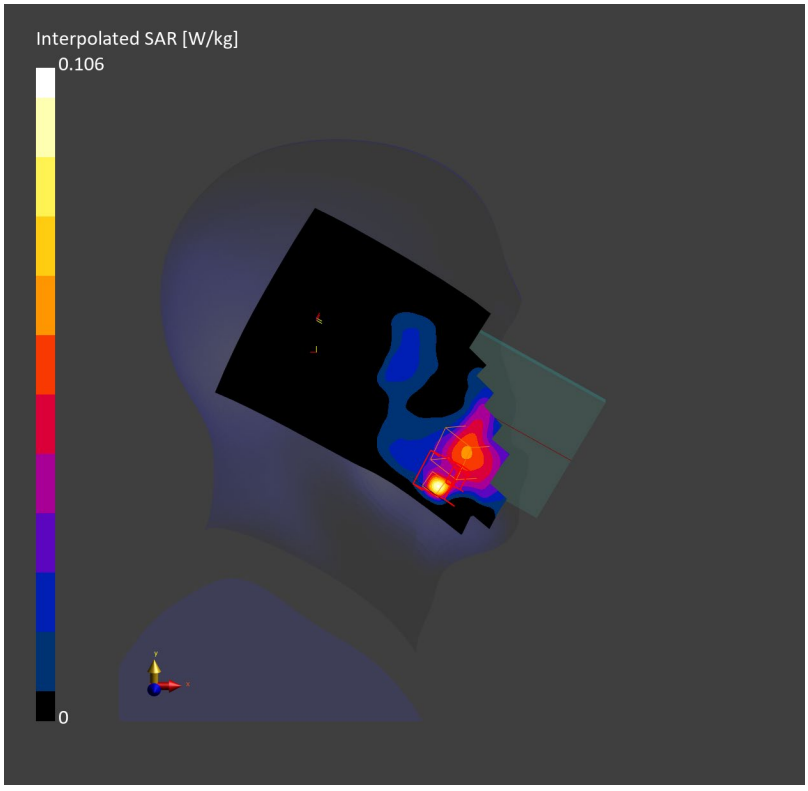
T450A

Communication System: Band 41; Frequency: 2506.000
Medium: Head Simulating Liquid. Medium parameters used: f= 2506.000 MHz; σ= 1.93 S/m; ε_r = 35.9

DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(7.5, 7.5, 7.5); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.062 W/kg; SAR (10g) = 0.027 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm
Power Drift = -0.14 dB
SAR (1g) = 0.029 W/kg; SAR (10g) = 0.012 W/kg;
M2/M1 [%]=39.2
Dist 3dB Peak [mm]=8.6



T450A LTE Band 41 20M QPSK 1RB0 40185CH Bottom side 10mm Ant1

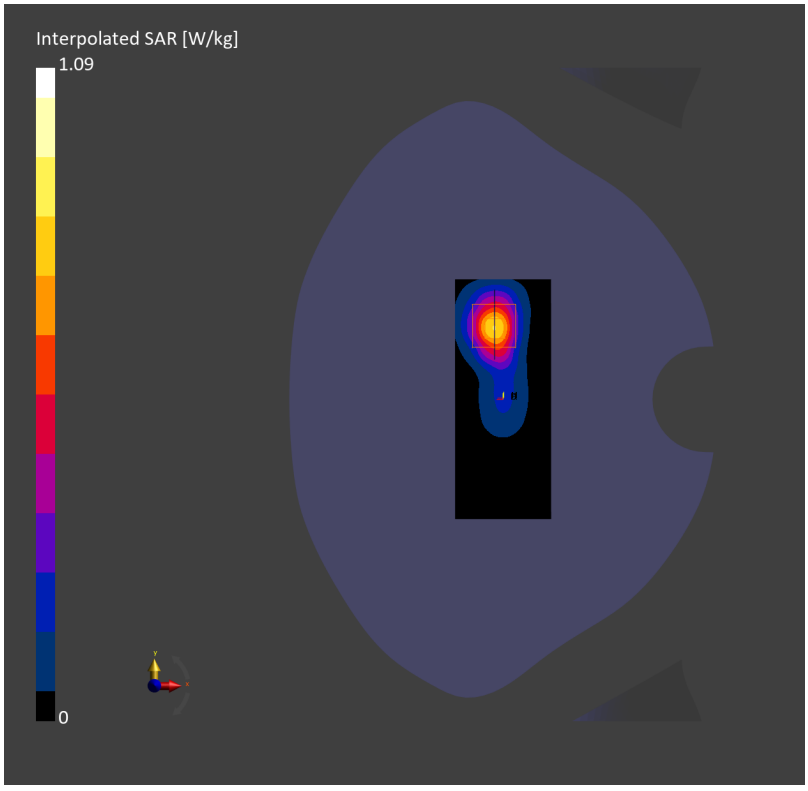
T450A

Communication System: Band 41; Frequency: 2549.500
Medium: Head Simulating Liquid. Medium parameters used: f= 2549.500 MHz; σ= 1.86 S/m; ε_r = 40.2

DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(7.5, 7.5, 7.5); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (48.0 mm x 120.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.629 W/kg; SAR (10g) = 0.283 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm
Power Drift = -0.05 dB
SAR (1g) = 0.636 W/kg; SAR (10g) = 0.286 W/kg;
M2/M1 [%]=77.6
Dist 3dB Peak [mm]=9.5



T450A LTE Band 66 20M QPSK 50RB25 132322CH Right cheek Ant1

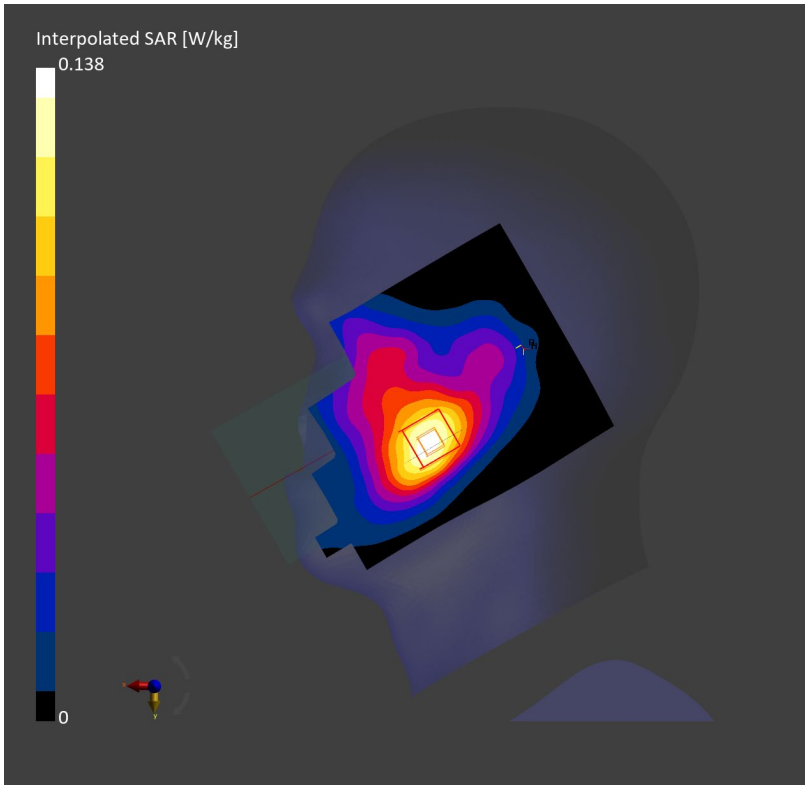
T450A

Communication System: Band 66; Frequency: 1745.000
Medium: Head Simulating Liquid. Medium parameters used: f= 1745.000 MHz; σ= 1.36 S/m; ε_r = 40.3

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) = 0.112 W/kg; SAR (10g) = 0.068 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm
Power Drift = -0.17 dB
SAR (1g) = 0.125 W/kg; SAR (10g) = 0.081 W/kg;
M2/M1 [%]=70.5
Dist 3dB Peak [mm]=13.1



T450A LTE Band 66 20M QPSK 1RB50 132572CH Bottom side 10mm Ant1

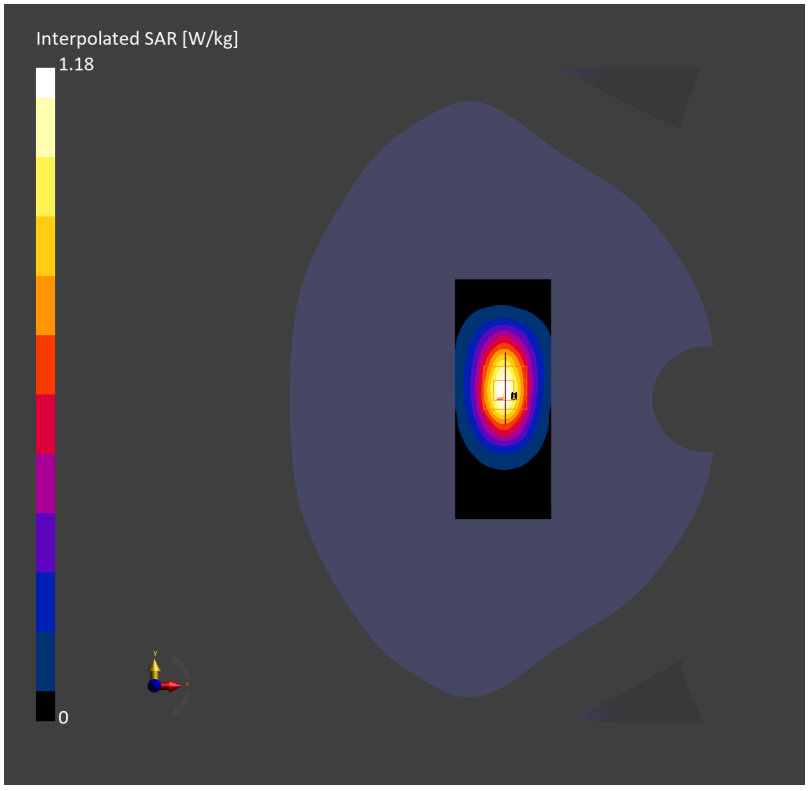
T450A

Communication System: Band 66; Frequency: 1770.000
Medium: Head Simulating Liquid. Medium parameters used: f= 1770.000 MHz; σ= 1.36 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 (45.0 mm x 120.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.934 W/kg; SAR (10g) = 0.506 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 = 0.00 dB
SAR (1g) = 0.948 W/kg; SAR (10g) = 0.514 W/kg;
M2/M1 [%]=81.0
Dist 3dB Peak [mm]=10.8



T450A WIFI2.4G 802.11b 6CH Left cheek Ant3

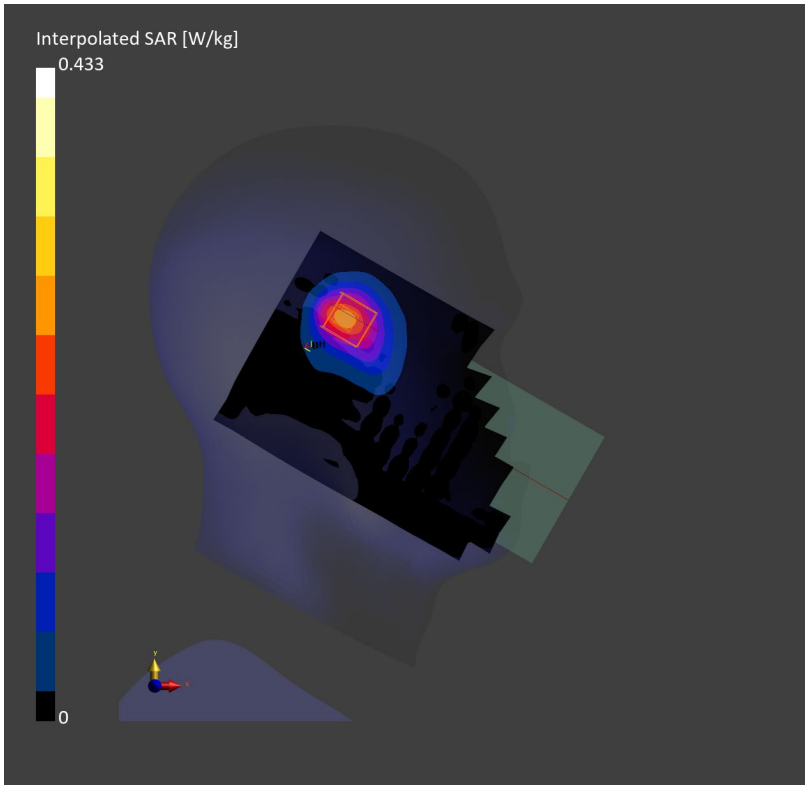
T450A

Communication System: WLAN 2.4GHz; Frequency: 2437.000
Medium: Head Simulating Liquid. Medium parameters used: f= 2437.000 MHz; σ= 1.84 S/m; ε_r = 38.8

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

Area Scan (120.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.215 W/kg; SAR (10g) = 0.111 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm
Power Drift = 0.05 dB
SAR (1g) = 0.215 W/kg; SAR (10g) = 0.106 W/kg;
M2/M1 [%]=48.7
Dist 3dB Peak [mm]=10.0



T450A WIFI2.4G 802.11b 6CH Back side 10mm Ant3

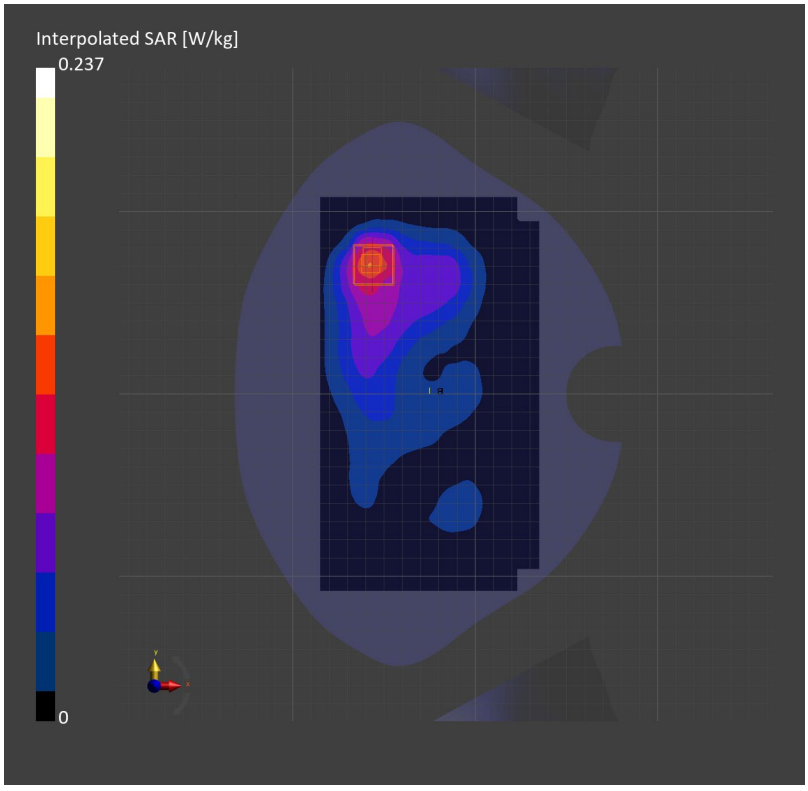
T450A

Communication System: WLAN 2.4GHz; Frequency: 2437.000
Medium: Head Simulating Liquid. Medium parameters used: f= 2437.000 MHz; σ= 1.84 S/m; ε_r = 38.8

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

Area Scan (120.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.110 W/kg; SAR (10g) = 0.059 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm
Power Drift = 0.07 dB
SAR (1g) = 0.112 W/kg; SAR (10g) = 0.055 W/kg;
M2/M1 [%]=44.9
Dist 3dB Peak [mm]=10.5



T450A Bluetooth DH5 0CH Left cheek Ant3

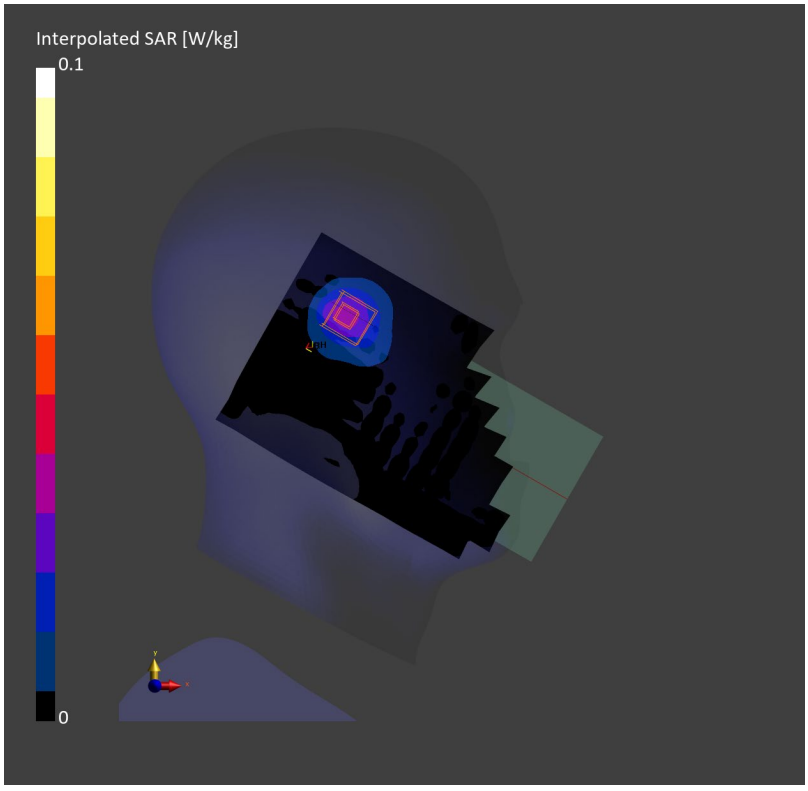
T450A

Communication System: ISM 2.4 GHz Band; Frequency: 2402.000
Medium: Head Simulating Liquid. Medium parameters used: f= 2402.000 MHz; σ= 1.81 S/m; ε_r = 38.9

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

Area Scan (120.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.030 W/kg; SAR (10g) = 0.015 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) = 0.030 W/kg; SAR (10g) = 0.014 W/kg;
M2/M1 [%]=45.0
Dist 3dB Peak [mm]=11.0



T450A Bluetooth DH5 0CH Back side 10mm Ant3

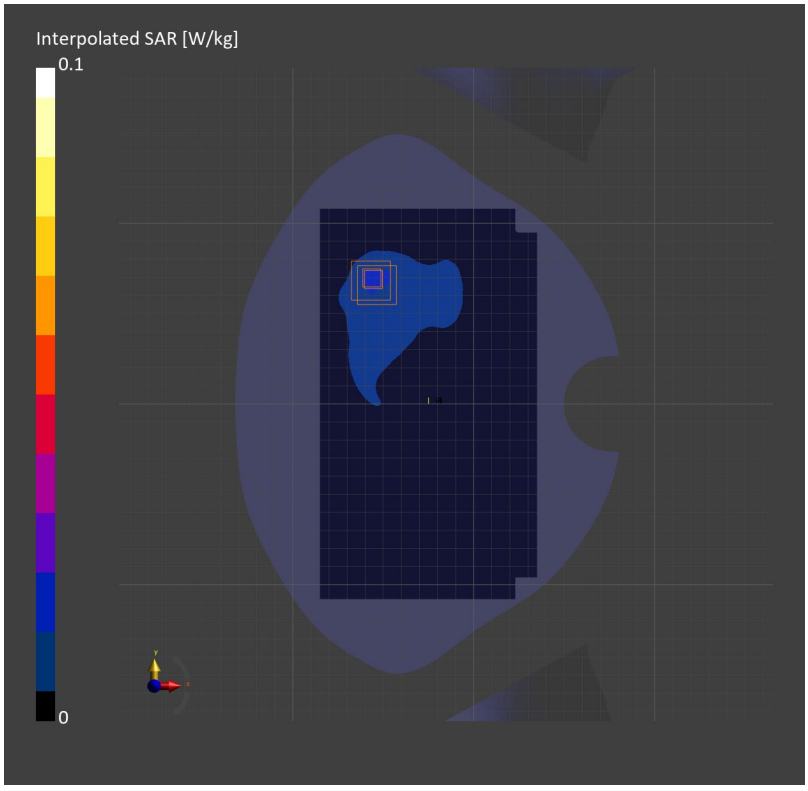
T450A

Communication System: ISM 2.4 GHz Band; Frequency: 2402.000
Medium: Head Simulating Liquid. Medium parameters used: f= 2402.000 MHz; σ= 1.81 S/m; ε_r = 38.9

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

Area Scan (120.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.015 W/kg; SAR (10g) = 0.008 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) = 0.016 W/kg; SAR (10g) = 0.008 W/kg;
M2/M1 [%]=75.8
Dist 3dB Peak [mm]=11.5



- End of the Appendix -