Appendix B
Detailed Test Results

WIFI 2.4G for Back side
WIFI 2.4G for Next to the mouth
LTE Band 2 for Back side
LTE Band 2 for Next to the mouth
LTE Band 4 for Back side
LTE Band 4 for Next to the mouth
LTE Band 5 for Back side
LTE Band 5 for Next to the mouth
LTE Band 12 for Back side
LTE Band 12 for Next to the mouth
LTE Band 17 for Back side
LTE Band 17 for Next to the mouth
LTE Band 66 for Back side
LTE Band 66 for Next to the mouth

SGS-SAR Lab Date: 2024-11-07

NoveeWatch WIFI 2.4G 802.11b 1CH Back side 0mm

NoveeWatch

Communication System: WLAN 2.4GHz; Frequency: 2412.000
Medium: Head Simulating Liquid. Medium parameters used: f= 2412.000 MHz; σ= 1.81 S/m; ε_r = 39.6

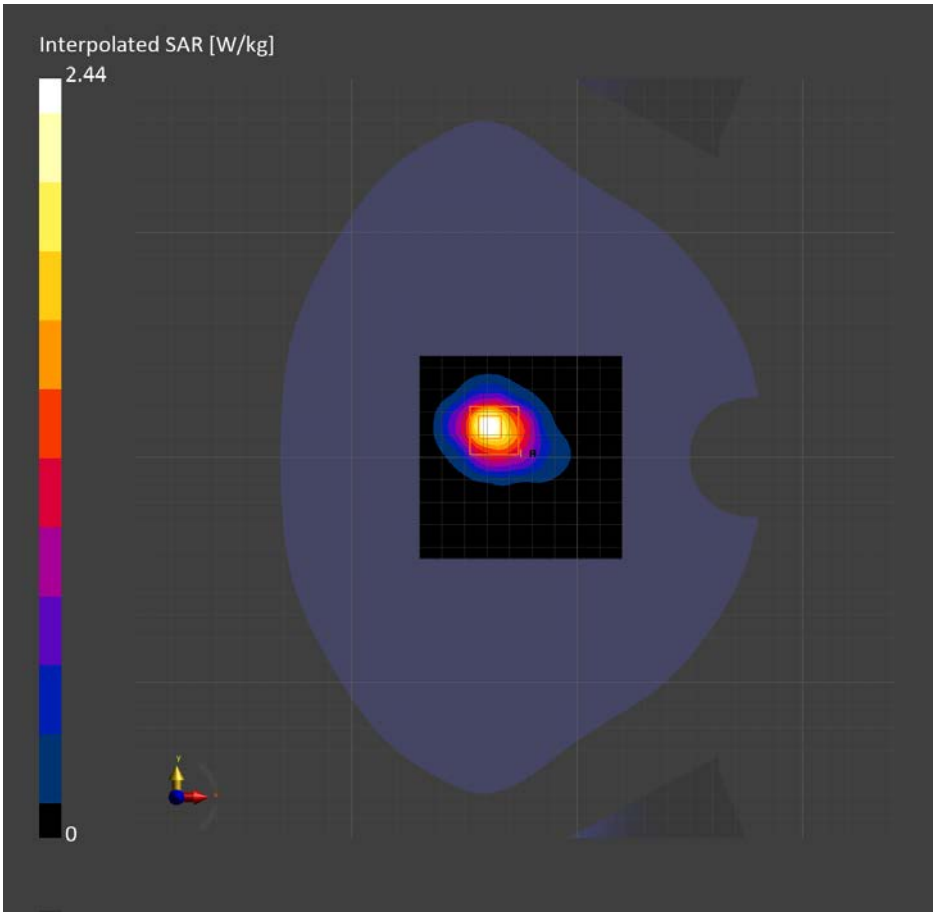
DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(7.95, 7.95, 7.95); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (72.0 mm x 72.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 1.24 W/kg; SAR (10g) = 0.582 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 = -0.16 dB
SAR (1g) = 1.27 W/kg; SAR (10g) = 0.614 W/kg;

M2/M1 [%]=52.6

Dist 3dB Peak [mm]=10.2



SGS-SAR Lab Date: 2024-11-07

NoveeWatch WIFI 2.4G 802.11b 1CH Next to the mouth 10mm

NoveeWatch

Communication System: WLAN 2.4GHz; Frequency: 2412.000
Medium: Head Simulating Liquid. Medium parameters used: f= 2412.000 MHz; σ= 1.81 S/m; ε_r = 39.6

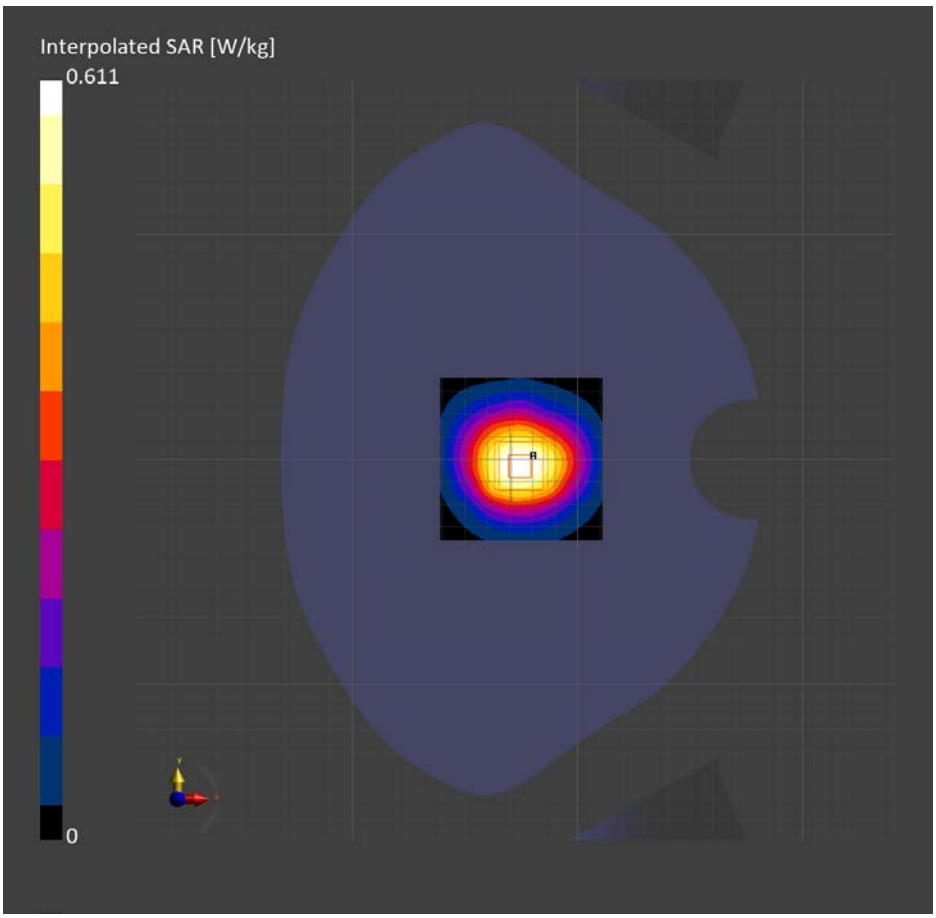
DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(7.95, 7.95, 7.95); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (72.0 mm x 72.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.372 W/kg; SAR (10g) = 0.210 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 = -0.15 dB
SAR (1g) = 0.365 W/kg; SAR (10g) = 0.213 W/kg;

M2/M1 [%]=57.5

Dist 3dB Peak [mm]=16.2



SGS-SAR Lab Date: 2024-12-23

NoveeWatch LTE Band 2 20M QPSK 1RB50 19100CH Back side 0mm

NoveeWatch

Communication System: Band 2; Frequency: 1900.000
Medium: Head Simulating Liquid. Medium parameters used: f= 1900.000 MHz; σ= 1.45 S/m; ε_r = 38.6

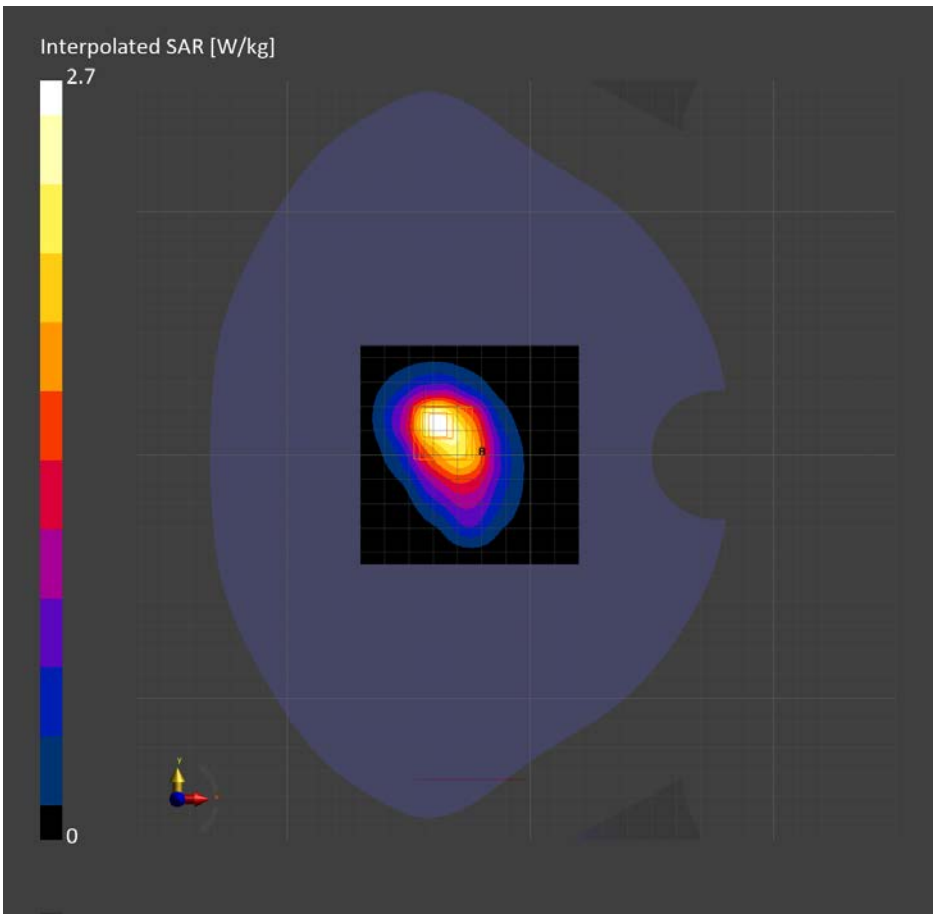
DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(8.51, 8.51, 8.51); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (75.0 mm x 75.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 1.57 W/kg; SAR (10g) = 0.865 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) = 1.49 W/kg; SAR (10g) = 0.817 W/kg;

M2/M1 [%]=61.0

Dist 3dB Peak [mm]=12.8



SGS-SAR Lab Date: 2024-12-23

NoveeWatch LTE Band 2 20M QPSK 1RB50 19100CH Next to the mouth 10mm

NoveeWatch

Communication System: Band 2; Frequency: 1900.000
Medium: Head Simulating Liquid. Medium parameters used: f= 1900.000 MHz; σ= 1.45 S/m; ε_r = 38.6

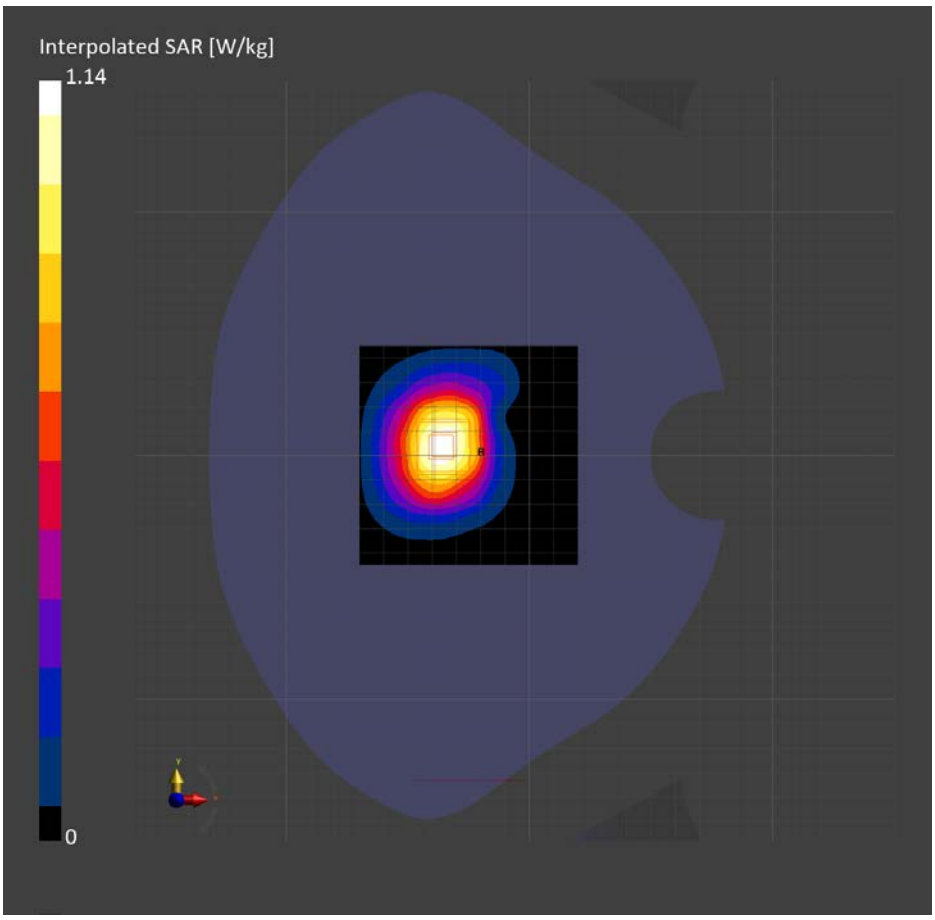
DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(8.51, 8.51, 8.51); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (75.0 mm x 75.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.756 W/kg; SAR (10g) = 0.445 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) = 0.677 W/kg; SAR (10g) = 0.411 W/kg;

M2/M1 [%]=59.6

Dist 3dB Peak [mm]=18.2



SGS-SAR Lab Date: 2024-12-23

NoveeWatch LTE Band 4 20M QPSK 1RB50 20300CH Back side 0mm

NoveeWatch

Communication System: Band 4; Frequency: 1745.000
Medium: Head Simulating Liquid. Medium parameters used: f= 1745.000 MHz; σ= 1.31 S/m; ε_r = 39.2

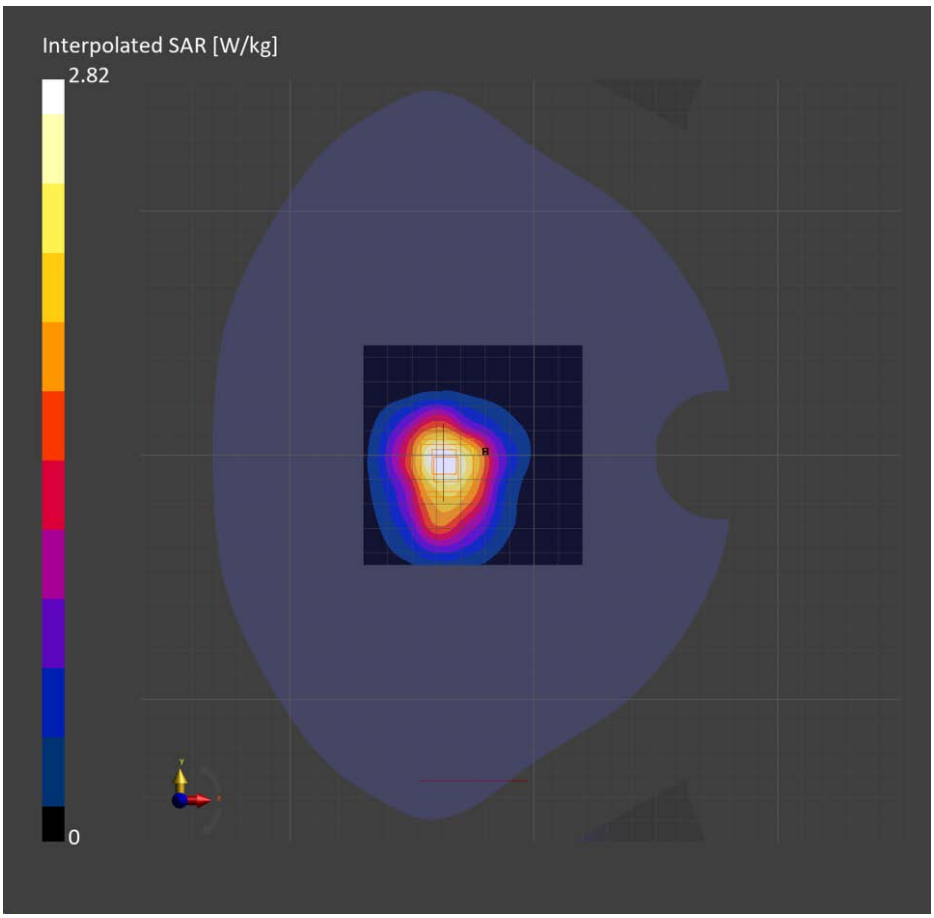
DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(8.85, 8.85, 8.85); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (75.0 mm x 75.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 1.57 W/kg; SAR (10g) = 0.898 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) = 1.78 W/kg; SAR (10g) = 0.982 W/kg;

M2/M1 [%]=62.1

Dist 3dB Peak [mm]=13.7



SGS-SAR Lab Date: 2024-12-23

NoveeWatch LTE Band 4 20M QPSK 1RB50 20300CH Next to the mouth 10mm

NoveeWatch

Communication System: Band 4; Frequency: 1745.000
Medium: Head Simulating Liquid. Medium parameters used: f= 1745.000 MHz; σ= 1.31 S/m; ε_r = 39.2

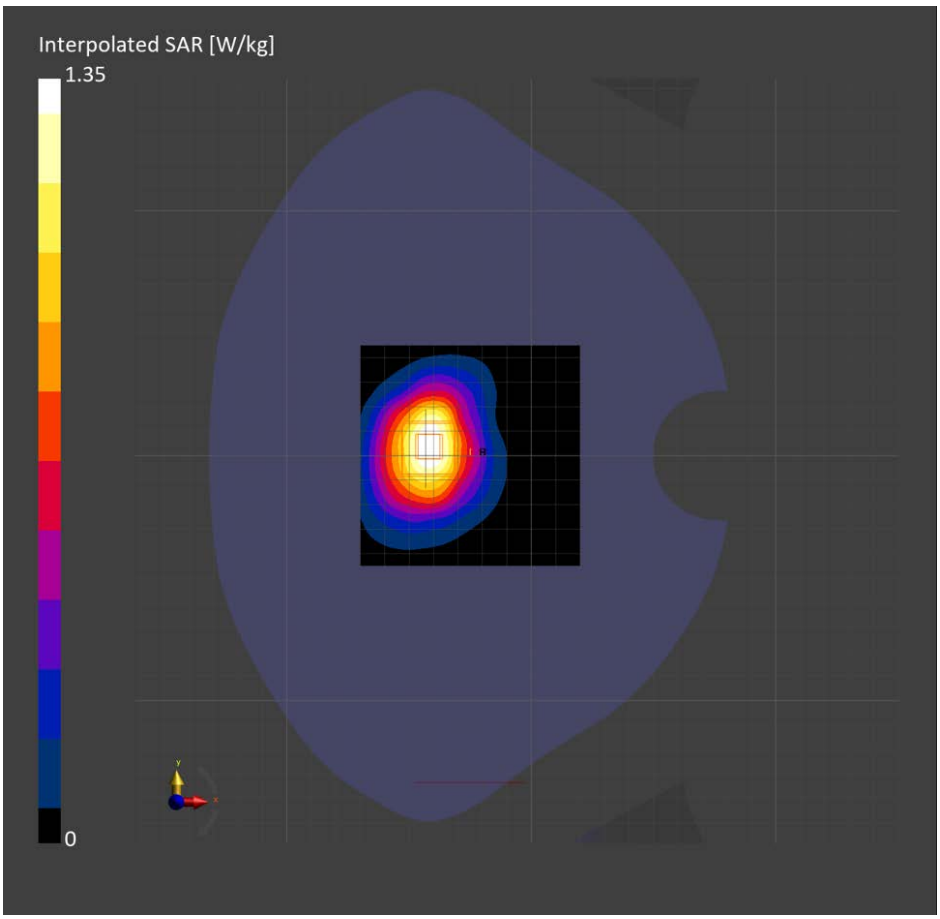
DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(8.85, 8.85, 8.85); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (75.0 mm x 75.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.787 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 = 0.02 dB
SAR (1g) = 0.830 W/kg; SAR (10g) = 0.482 W/kg;

M2/M1 [%]=61.0

Dist 3dB Peak [mm]=14.4



SGS-SAR Lab Date: 2024-12-07

NoveeWatch LTE Band 5 10M QPSK 1RB25 20525CH Back side 0mm

NoveeWatch

Communication System: Band 5; Frequency: 836.500
Medium: Head Simulating Liquid. Medium parameters used: f= 836.500 MHz; σ= 0.910 S/m; ε_r = 41.6

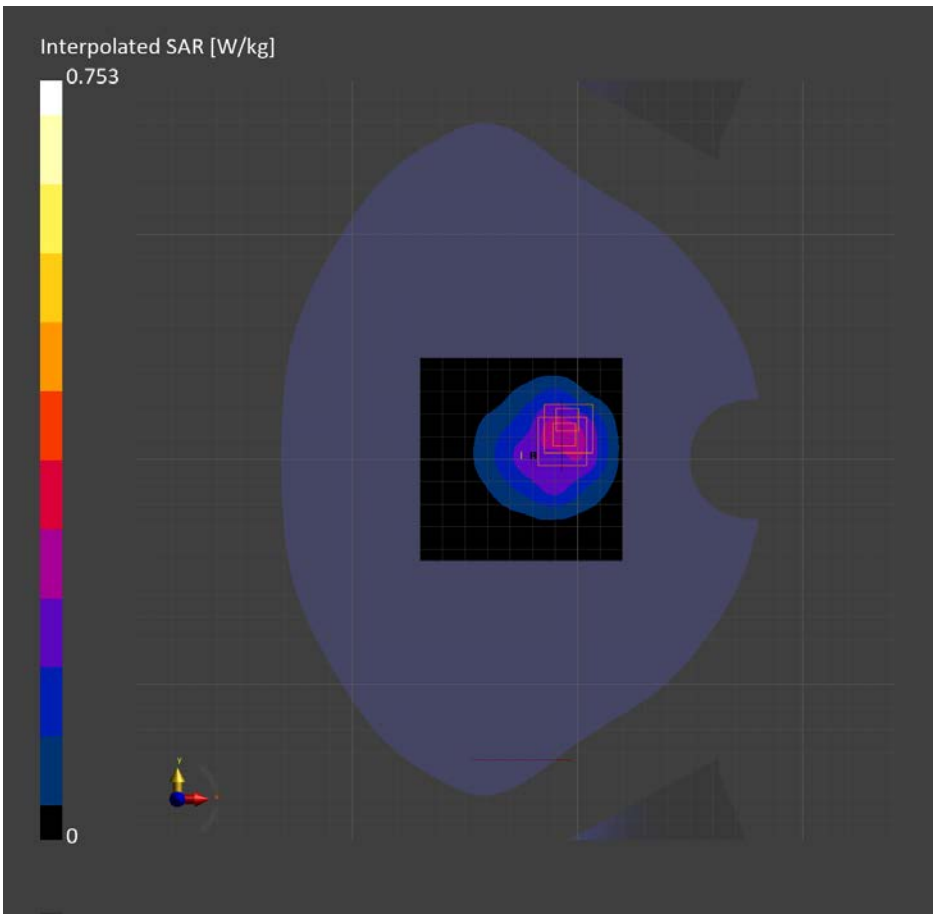
DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(10.36, 10.36, 10.36); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (75.0 mm x 75.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.247 W/kg; SAR (10g) = 0.163 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 = 0.15 dB
SAR (1g) = 0.310 W/kg; SAR (10g) = 0.147 W/kg;

M2/M1 [%]=36.9

Dist 3dB Peak [mm]=6.6



SGS-SAR Lab Date: 2024-12-07

NoveeWatch LTE Band 5 10M QPSK 1RB25 20525CH Next to the mouth 10mm

NoveeWatch

Communication System: Band 5; Frequency: 836.500
Medium: Head Simulating Liquid. Medium parameters used: f= 836.500 MHz; σ= 0.910 S/m; ε_r = 41.6

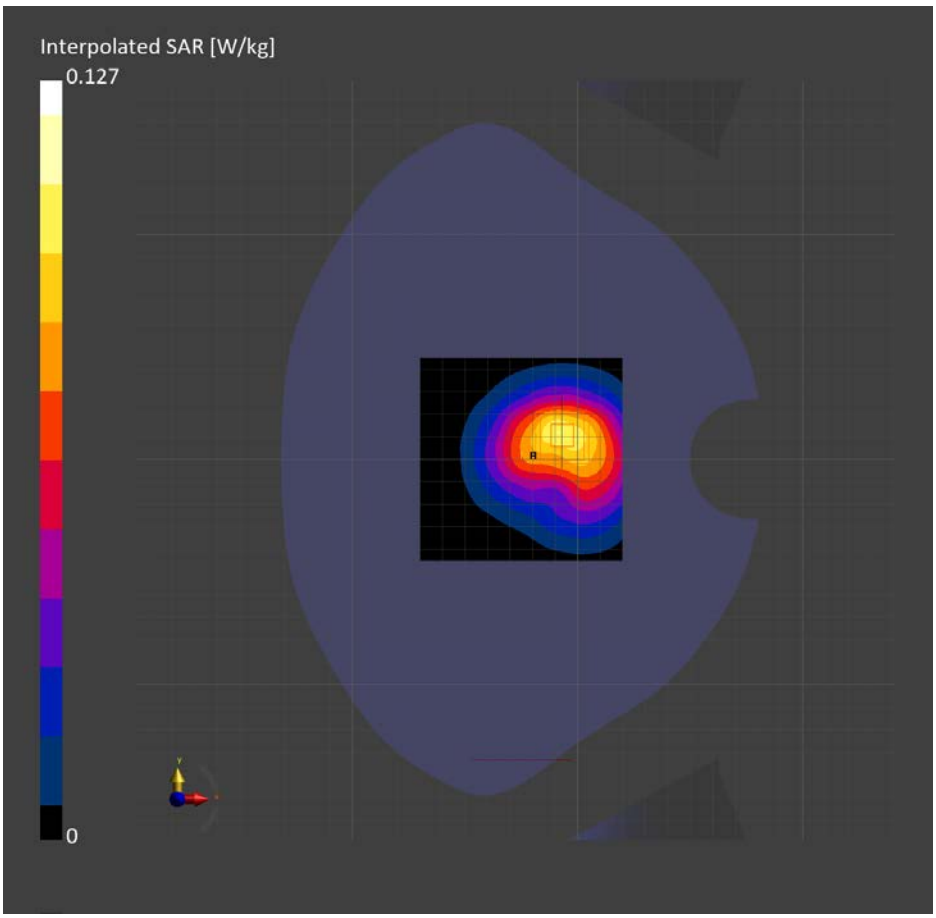
DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(10.36, 10.36, 10.36); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (75.0 mm x 75.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.072 W/kg; SAR (10g) = 0.047 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 = -0.36 dB
SAR (1g) = 0.074 W/kg; SAR (10g) = 0.044 W/kg;

M2/M1 [%]=57.4

Dist 3dB Peak [mm]=14.4



SGS-SAR Lab Date: 2024-12-07

NoveeWatch LTE Band 12 10M QPSK 1RB49 23060CH Back side 0mm

NoveeWatch

Communication System: Band 12; Frequency: 704.000
Medium: Head Simulating Liquid. Medium parameters used: f= 704.000 MHz; σ= 0.887 S/m; ε_r = 42.2

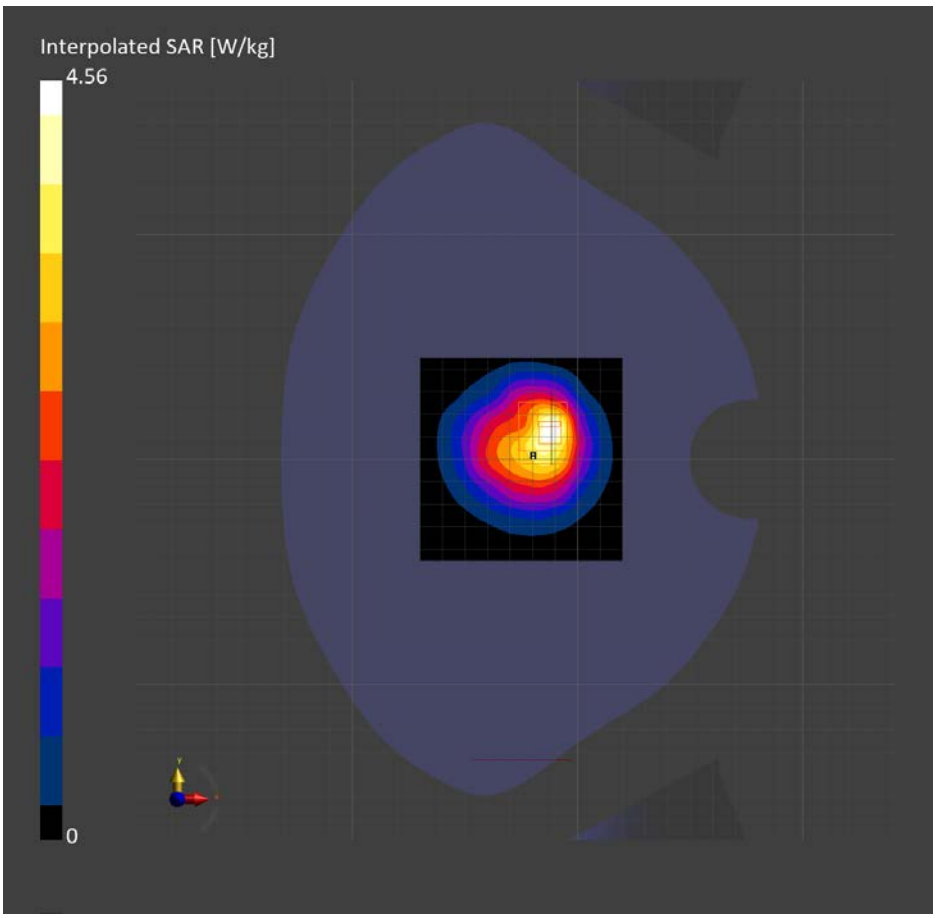
DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(10.65, 10.65, 10.65); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (75.0 mm x 75.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 1.49 W/kg; SAR (10g) = 0.930 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) = 1.56 W/kg; SAR (10g) = 0.760 W/kg;

M2/M1 [%]=29.8

Dist 3dB Peak [mm]=5.8



SGS-SAR Lab Date: 2024-12-07

NoveeWatch LTE Band 12 10M QPSK 1RB49 23060CH Next to the mouth 10mm

NoveeWatch

Communication System: Band 12; Frequency: 704.000
Medium: Head Simulating Liquid. Medium parameters used: f= 704.000 MHz; σ= 0.887 S/m; ε_r = 42.2

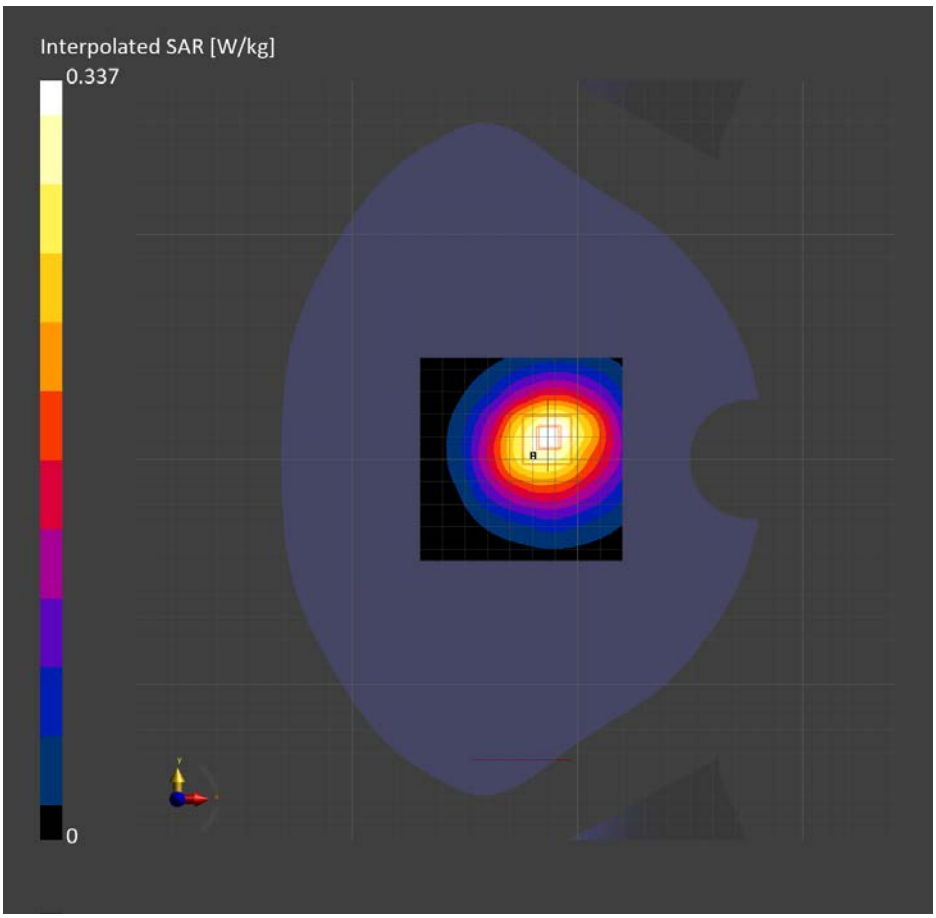
DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(10.65, 10.65, 10.65); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (75.0 mm x 75.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.200 W/kg; SAR (10g) = 0.134 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) = 0.207 W/kg; SAR (10g) = 0.131 W/kg;

M2/M1 [%]=60.1

Dist 3dB Peak [mm]=18.3



SGS-SAR Lab Date: 2024-12-07

NoveeWatch LTE Band 17 10M QPSK 1RB0 23790CH Back side 0mm

NoveeWatch

Communication System: Band 17; Frequency: 710.000
Medium: Head Simulating Liquid. Medium parameters used: f= 710.000 MHz; σ= 0.887 S/m; ε_r = 42.2

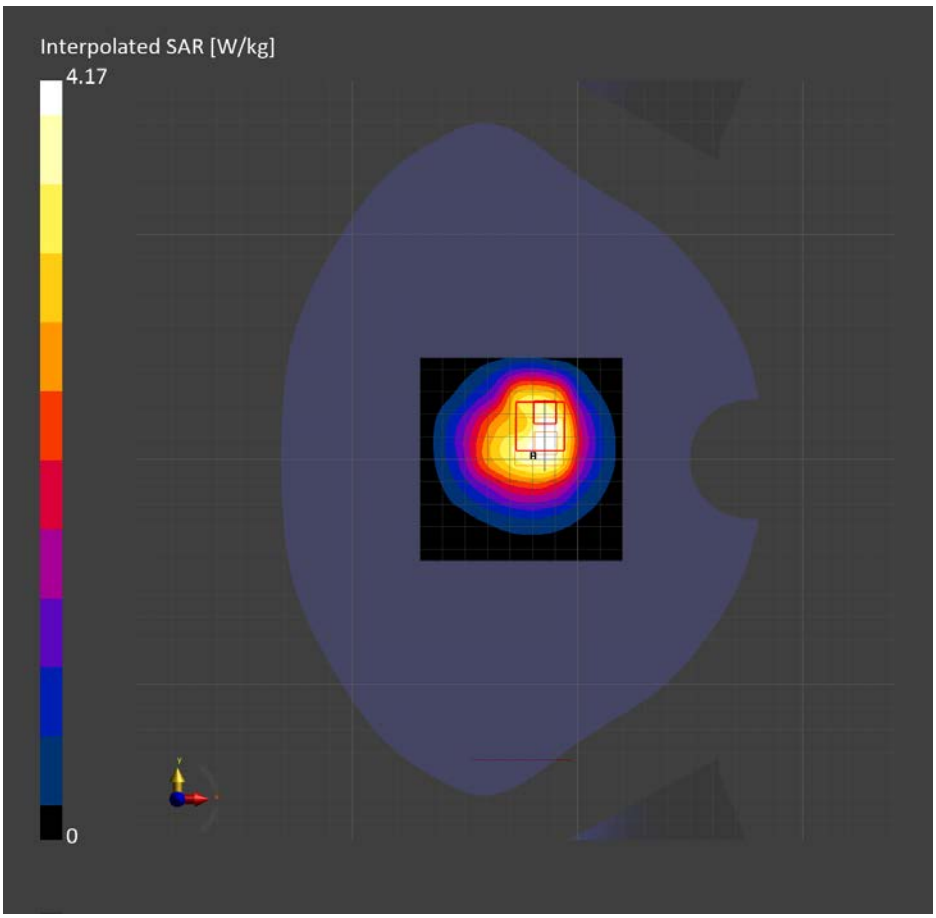
DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(10.65, 10.65, 10.65); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (75.0 mm x 75.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 1.23 W/kg; SAR (10g) = 0.823 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) = 1.41 W/kg; SAR (10g) = 0.728 W/kg;

M2/M1 [%]=30.5

Dist 3dB Peak [mm]=8.0



SGS-SAR Lab Date: 2024-12-07

NoveeWatch LTE Band 17 10M QPSK 25RB13 23790CH Next to the mouth 10mm

NoveeWatch

Communication System: Band 17; Frequency: 710.000
Medium: Head Simulating Liquid. Medium parameters used: f= 710.000 MHz; σ= 0.887 S/m; ε_r = 42.2

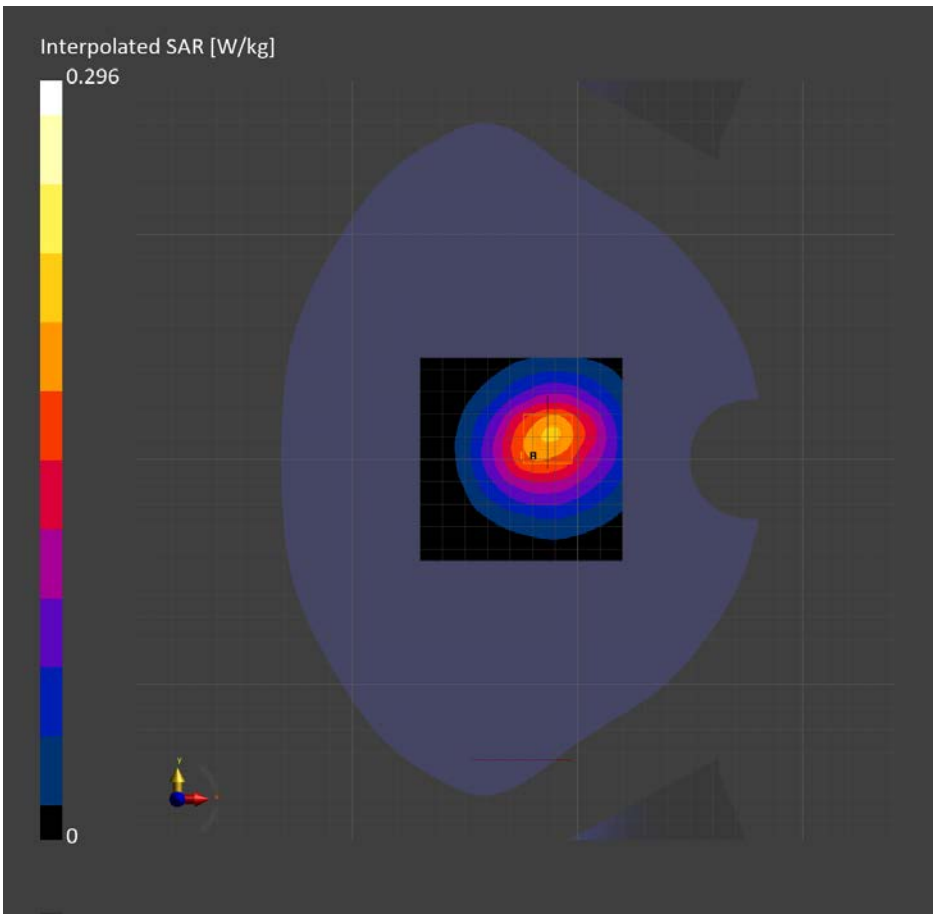
DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(10.65, 10.65, 10.65); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (75.0 mm x 75.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.176 W/kg; SAR (10g) = 0.117 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 = -0.14 dB
SAR (1g) = 0.183 W/kg; SAR (10g) = 0.115 W/kg;

M2/M1 [%]=61.1

Dist 3dB Peak [mm]=18.3



SGS-SAR Lab Date: 2024-12-23

NoveeWatch LTE Band 66 20M QPSK 1RB0 132072CH Back side 0mm

NoveeWatch

Communication System: Band 66; Frequency: 1720.000
Medium: Head Simulating Liquid. Medium parameters used: f= 1720.000 MHz; σ= 1.28 S/m; ε_r = 39.3

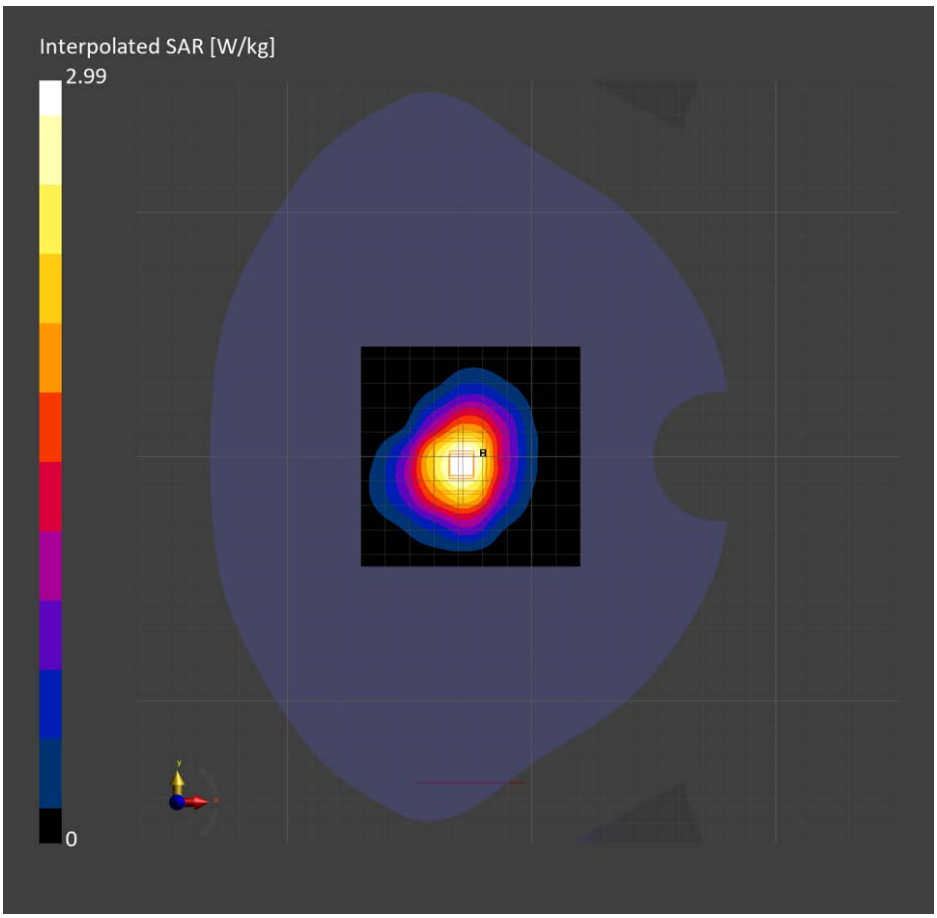
DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(8.85, 8.85, 8.85); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (75.0 mm x 75.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 1.68 W/kg; SAR (10g) = 0.967 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) = 1.85 W/kg; SAR (10g) = 1.04 W/kg;

M2/M1 [%]=62.4

Dist 3dB Peak [mm]=14.5



SGS-SAR Lab Date: 2024-12-23

NoveeWatch LTE Band 66 20M QPSK 1RB0 132072CH Next to the mouth 10mm

NoveeWatch

Communication System: Band 66; Frequency: 1720.000
Medium: Head Simulating Liquid. Medium parameters used: f= 1720.000 MHz; σ= 1.28 S/m; ε_r = 39.3

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 (75.0 mm x 75.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.986 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 = -0.06 dB
SAR (1g) = 1.02 W/kg; SAR (10g) = 0.593 W/kg;

M2/M1 [%]=60.4

Dist 3dB Peak [mm]=14.4