

Appendix B

Detailed Test Results

WCDMA Band I for Body
WCDMA Band VIII for Body
LTE Band 2 for Body
LTE Band 4 for Body
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LTE Band 12 for Body
LTE Band 13 for Body
LTE Band 14 for Body
LTE Band 66 for Body
LTE Band 38 for Body
LTE Band 71 for Body
BT for Body

WCDMA Band II RMC 9400CH Left side 10mm**None**

Communication System: Band 2; Frequency: 1880.000

Medium: HSL. Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.42$ S/m; $\epsilon_r = 41.7$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.35, 7.66, 7.9); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
- Measurement Software: cDASY8 V16.2.4.2524

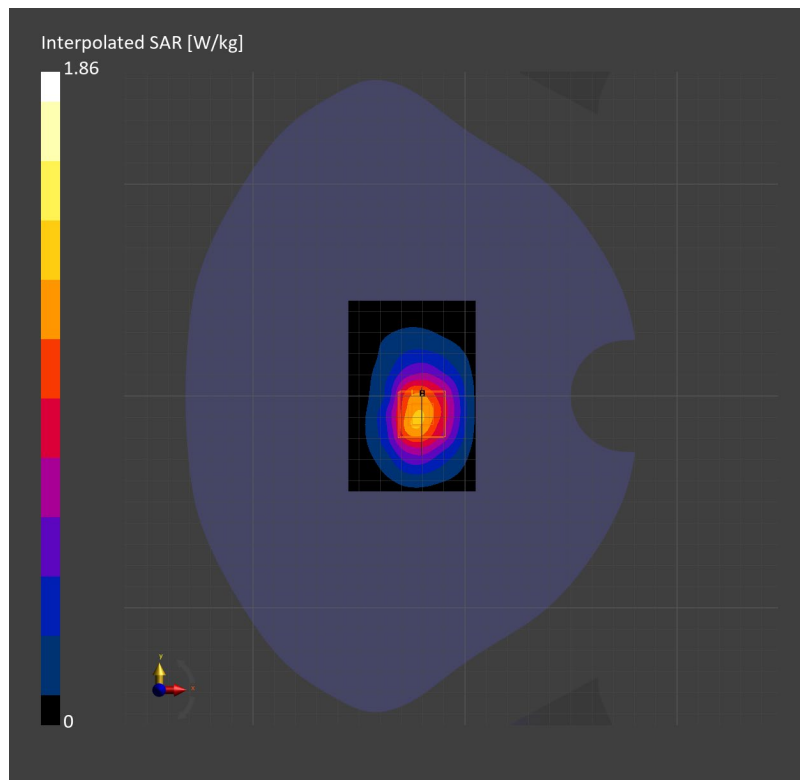
Area Scan (60.0 mm x 90.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 1.07 W/kg; SAR (10g) = 0.596 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) = 1.15 W/kg; SAR (10g) = 0.646 W/kg;



WCDMA Band IV RMC 1412CH Left side 10mm**None**

Communication System: Band 4; Frequency: 1732.400

Medium: HSL. Medium parameters used: $f = 1732.400$ MHz; $\sigma = 1.33$ S/m; $\epsilon_r = 42.0$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.54, 7.85, 8.01); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
- Measurement Software: cDASY8 V16.2.4.2524

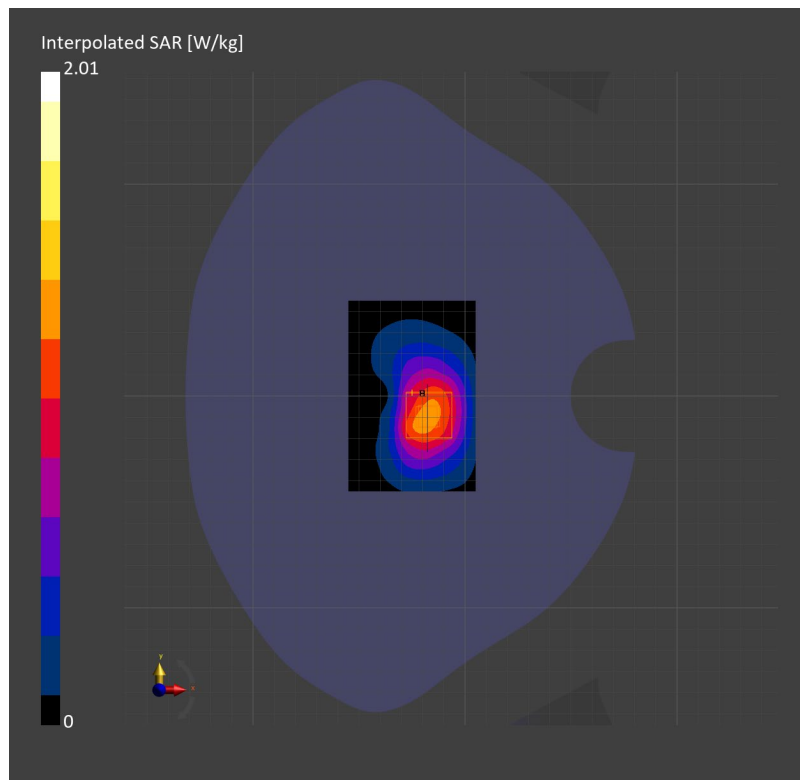
Area Scan (60.0 mm x 90.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 1.09 W/kg; SAR (10g) = 0.633 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) = 1.25 W/kg; SAR (10g) = 0.708 W/kg;



WCDMA Band V RMC 4182CH Left side 10mm**None**

Communication System: Band 5; Frequency: 836.400

Medium: HSL. Medium parameters used: $f = 836.400$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 42.8$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(8.78, 9.28, 9.61); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
- Measurement Software: cDASY8 V16.2.4.2524

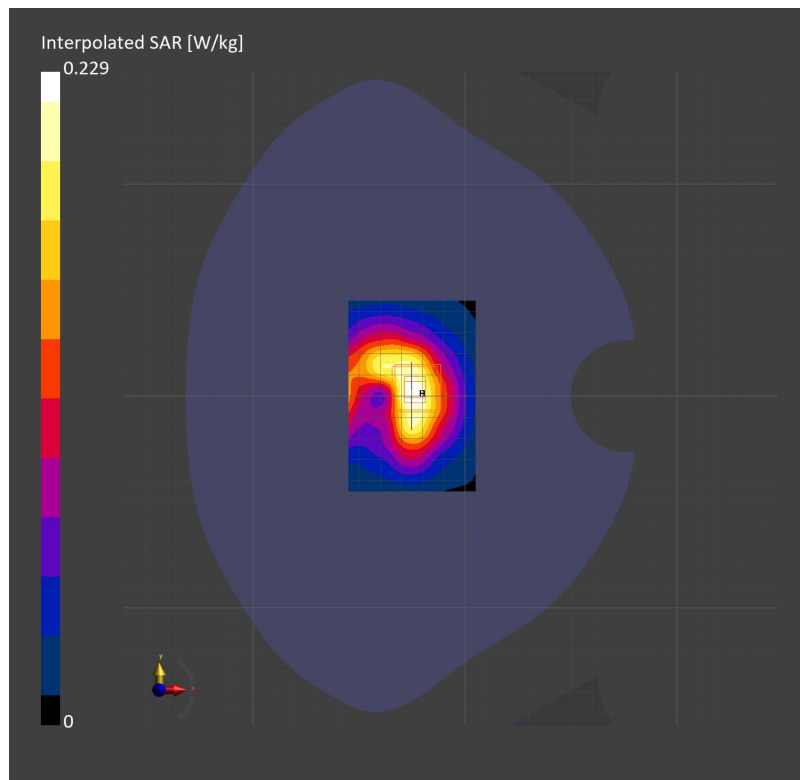
Area Scan (60.0 mm x 90.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.128 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 = -0.04 dB

SAR (1g) = 0.122 W/kg; SAR (10g) = 0.067 W/kg;



LTE Band 2 20M QPSK 1RB50 19100CH Left side 10mm**None**

Communication System: Band 2; Frequency: 1900.000

Medium: HSL. Medium parameters used: $f = 1900.000$ MHz; $\sigma = 1.44$ S/m; $\epsilon_r = 41.7$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.35, 7.66, 7.9); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
- Measurement Software: cDASY8 V16.2.4.2524

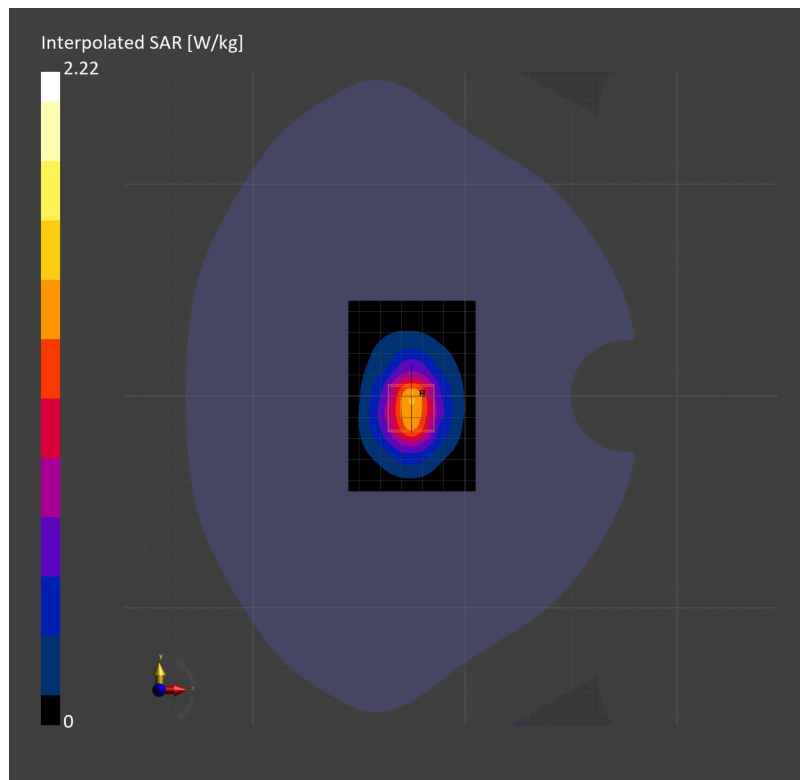
Area Scan (60.0 mm x 90.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 1.23 W/kg; SAR (10g) = 0.653 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) = 1.33 W/kg; SAR (10g) = 0.725 W/kg;



LTE Band 4 20M QPSK 1RB99 20300CH Left side 10mm

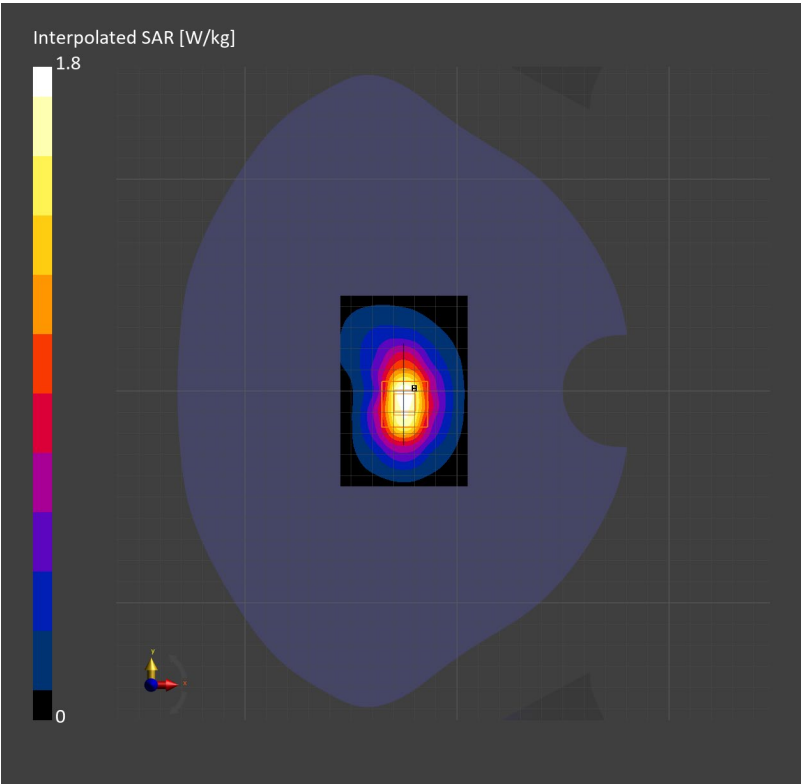
None

Communication System: Band 4; Frequency: 1745.000
Medium: HSL. Medium parameters used: $f=1745.000$ MHz; $\sigma=1.34$ S/m; $\epsilon_r=41.9$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(7.54, 7.85, 8.01); Calibrated: 2023-07-17
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
 - Measurement Software: cDASY8 V16.2.4.2524

Area Scan (60.0 mm x 90.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.970 W/kg; SAR (10g) = 0.516 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm
Power Drift = -0.12 dB
SAR (1g) = 1.08 W/kg; SAR (10g) = 0.578 W/kg;



LTE Band 5 10M QPSK 1RB25 20525CH Back side 10mm**None**

Communication System: Band 5; Frequency: 836.500

Medium: HSL. Medium parameters used: $f = 836.500$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 42.8$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(8.78, 9.28, 9.61); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
- Measurement Software: cDASY8 V16.2.4.2524

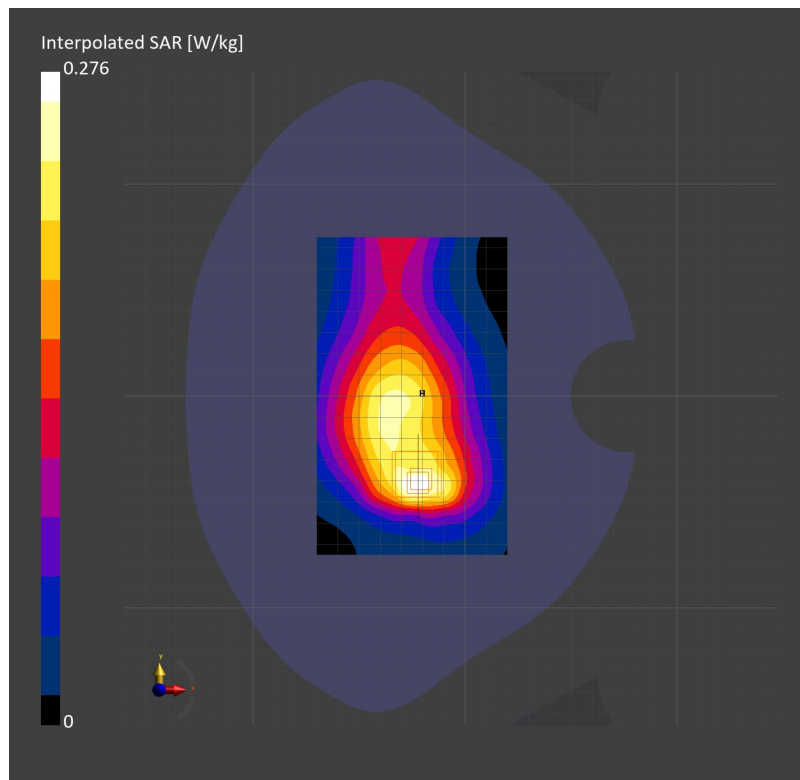
Area Scan (90.0 mm x 150.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.149 W/kg; SAR (10g) = 0.097 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) = 0.168 W/kg; SAR (10g) = 0.102 W/kg;



LTE Band 12 10M QPSK 25RB25 23060CH Back side 10mm**None**

Communication System: Band 12; Frequency: 704.000

Medium: HSL. Medium parameters used: $f = 704.000$ MHz; $\sigma = 0.870$ S/m; $\epsilon_r = 44.0$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(9.08, 9.35, 9.65); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
- Measurement Software: cDASY8 V16.2.4.2524

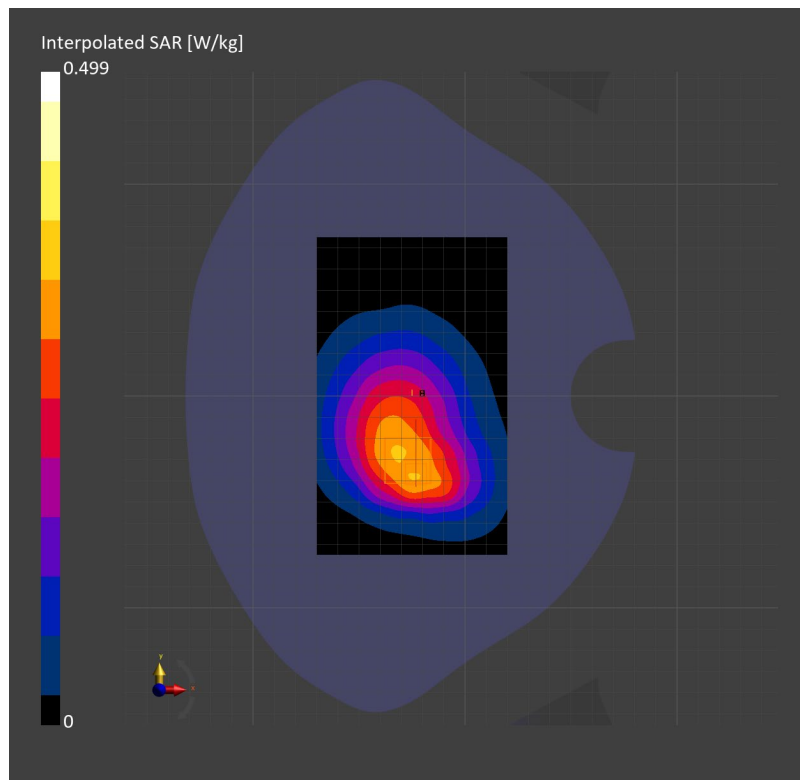
Area Scan (90.0 mm x 150.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.296 W/kg; SAR (10g) = 0.208 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) = 0.329 W/kg; SAR (10g) = 0.215 W/kg;



LTE Band 13 10M QPSK 1RB25 23230CH Back side 10mm**None**

Communication System: Band 13; Frequency: 782.000

Medium: HSL. Medium parameters used: $f = 782.000$ MHz; $\sigma = 0.896$ S/m; $\epsilon_r = 43.8$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(9.08, 9.35, 9.65); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
- Measurement Software: cDASY8 V16.2.4.2524

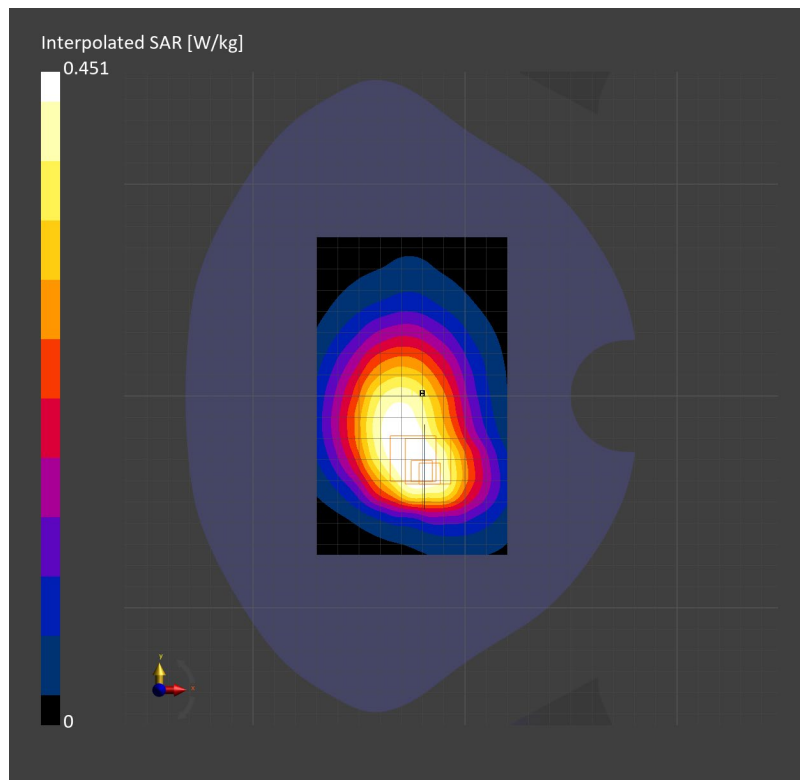
Area Scan (90.0 mm x 150.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.247 W/kg; SAR (10g) = 0.173 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) = 0.285 W/kg; SAR (10g) = 0.182 W/kg;



LTE Band 14 10M QPSK 1RB25 23330CH Back side 10mm**None**

Communication System: Band 14; Frequency: 793.000

Medium: HSL. Medium parameters used: $f = 793.000$ MHz; $\sigma = 0.900$ S/m; $\epsilon_r = 43.7$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(9.08, 9.35, 9.65); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
- Measurement Software: cDASY8 V16.2.4.2524

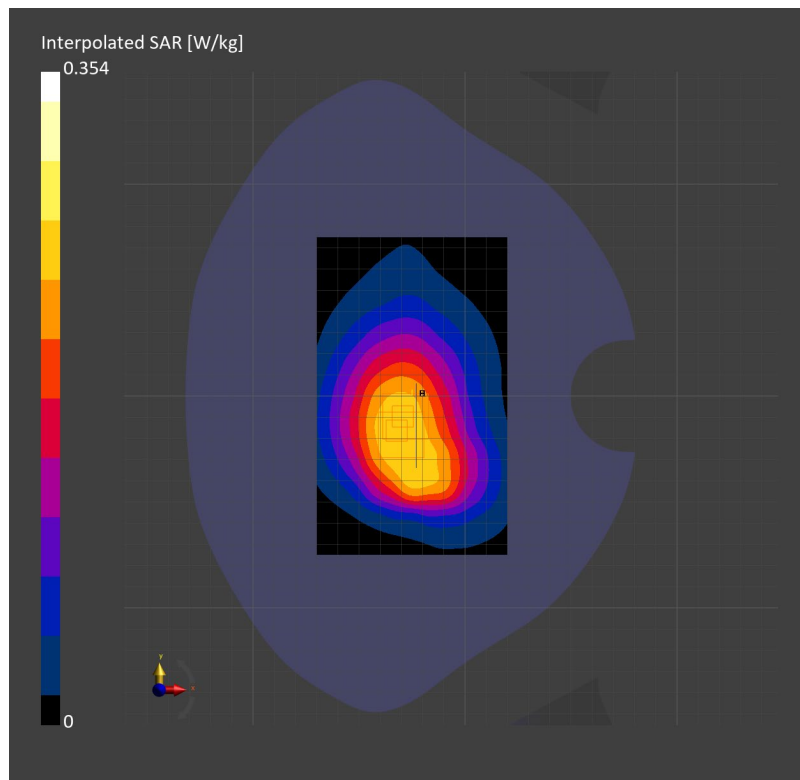
Area Scan (90.0 mm x 150.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.233 W/kg; SAR (10g) = 0.164 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) = 0.240 W/kg; SAR (10g) = 0.170 W/kg;



LTE Band 66 20M QPSK 1RB50 132322CH Left side 10mm**None**

Communication System: Band 66; Frequency: 1745.000

Medium: HSL. Medium parameters used: $f = 1745.000$ MHz; $\sigma = 1.34$ S/m; $\epsilon_r = 41.9$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.54, 7.85, 8.01); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
- Measurement Software: cDASY8 V16.2.4.2524

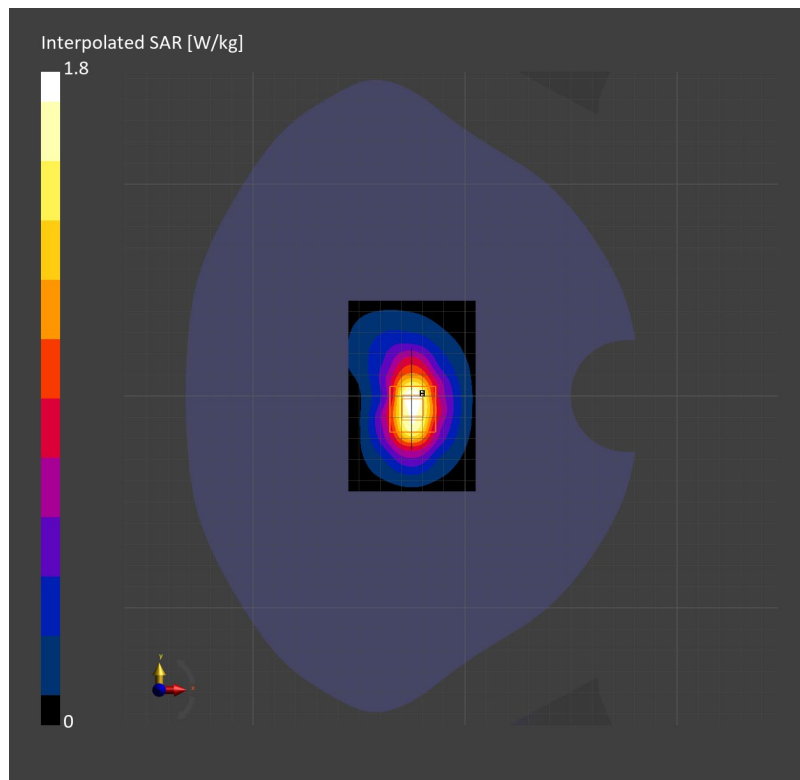
Area Scan (60.0 mm x 90.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 1.16 W/kg; SAR (10g) = 0.651 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) = 1.23 W/kg; SAR (10g) = 0.683 W/kg;



LTE Band 71 20M QPSK 1RB50 133222CH Back side 10mm**None**

Communication System: Band 71; Frequency: 673.000

Medium: HSL. Medium parameters used: $f = 673.000$ MHz; $\sigma = 0.860$ S/m; $\epsilon_r = 44.1$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(9.08, 9.35, 9.65); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
- Measurement Software: cDASY8 V16.2.4.2524

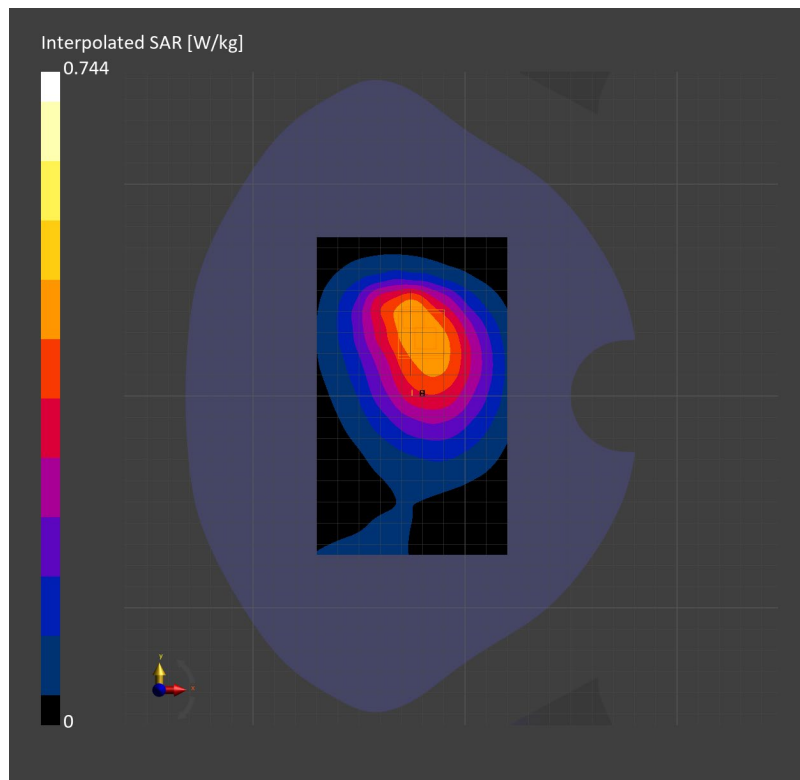
Area Scan (90.0 mm x 150.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.430 W/kg; SAR (10g) = 0.303 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) = 0.460 W/kg; SAR (10g) = 0.306 W/kg;



Bluetooth 3DH5 0CH Back side 10mm**None**

Communication System: ISM 2.4 GHz Band; Frequency: 2402.000

Medium: HSL. Medium parameters used: $f = 2402.000$ MHz; $\sigma = 1.79$ S/m; $\epsilon_r = 41.0$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(6.97, 7.23, 7.47); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
- Measurement Software: cDASY8 V16.2.4.2524

Area Scan (90.0 mm x 150.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.022 W/kg; SAR (10g) = 0.012 W/kg;

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

Power Drift = 0.04 dB

SAR (1g) = 0.018 W/kg; SAR (10g) = 0.011 W/kg;

