

Appendix B

Detailed Test Results

LTE Band 2 for Limbs
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GL-XE2000 LTE Band 2 20M QPSK 1RB50 19100CH Back side 15mm**GL-XE2000**

Communication System: Band 2; Frequency: 1900.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1900.000$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 40.3$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.82, 7.76, 7.85); Calibrated: 2023-09-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

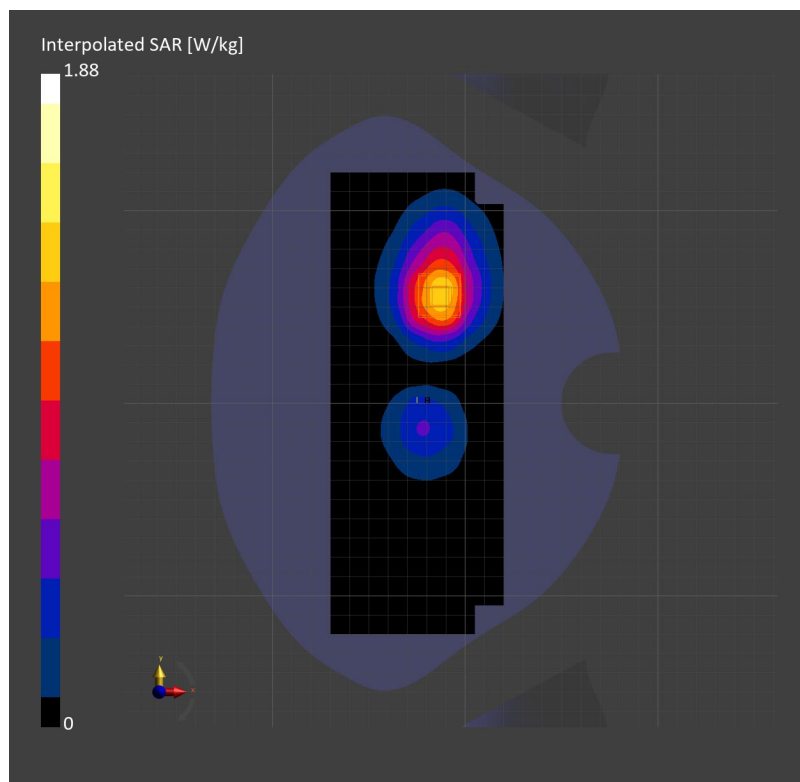
Area Scan (90.0 mm x 240.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 1.16 W/kg; SAR (10g) = 0.671 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) = 1.22 W/kg; SAR (10g) = 0.738 W/kg;



GL-XE2000 LTE Band 4 20M QPSK 1RB50 20175CH Back side 15mm**GL-XE2000**

Communication System: Band 4; Frequency: 1732.500

Medium: Head Simulating Liquid. Medium parameters used: $f = 1732.500$ MHz; $\sigma = 1.33$ S/m; $\epsilon_r = 40.4$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(8.11, 8.04, 8.17); Calibrated: 2023-09-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

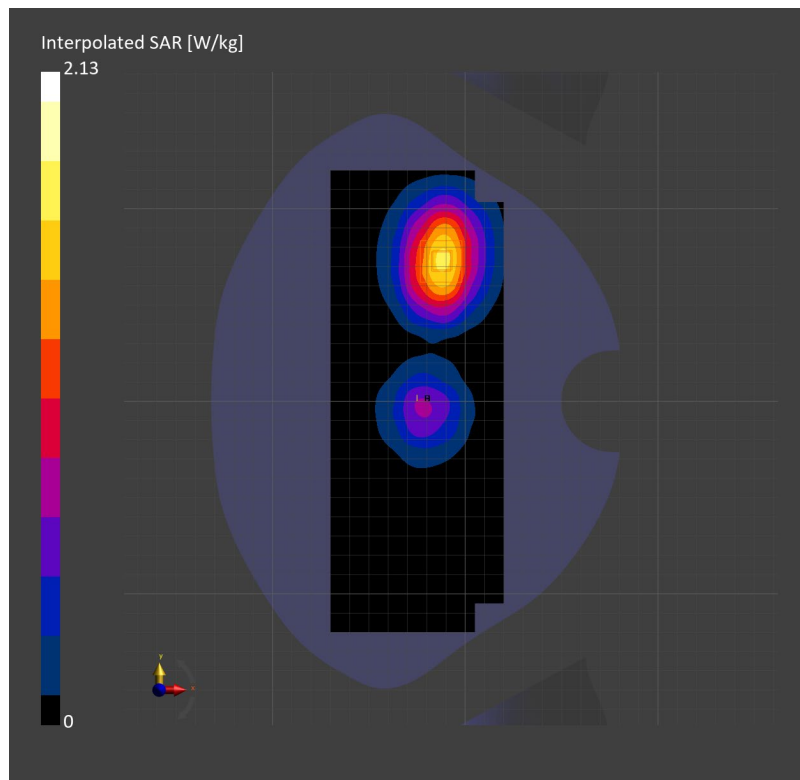
Area Scan (90.0 mm x 240.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 1.39 W/kg; SAR (10g) = 0.827 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) = 1.41 W/kg; SAR (10g) = 0.880 W/kg;



GL-XE2000 LTE Band 5 10M QPSK 1RB0 20525CH Front side 15mm**GL-XE2000**

Communication System: Band 5; Frequency: 836.500

Medium: Head Simulating Liquid. Medium parameters used: $f = 836.500$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 43.3$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(9.3, 9.34, 9.27); Calibrated: 2023-09-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

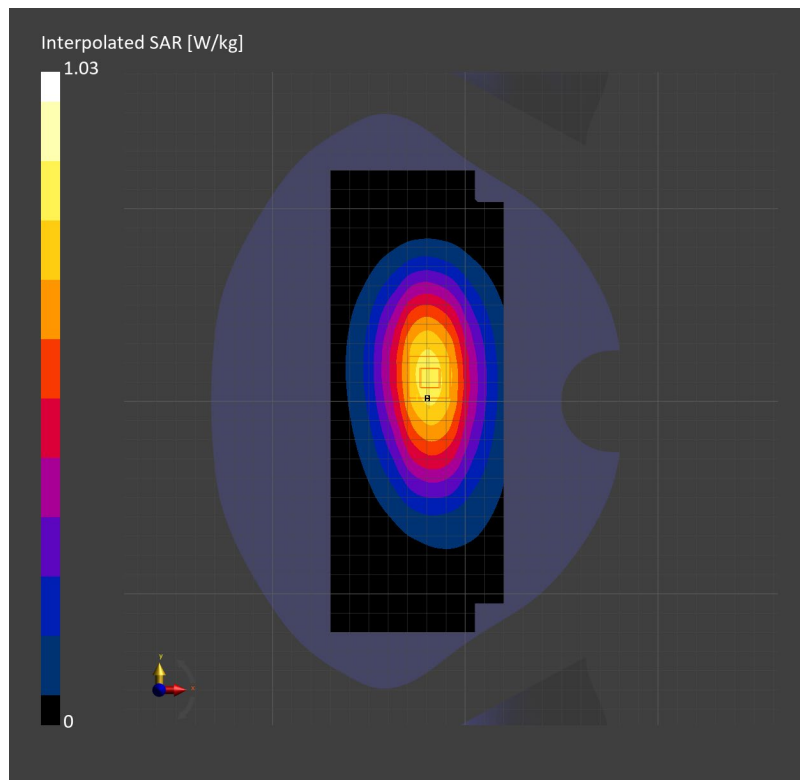
Area Scan (90.0 mm x 240.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.726 W/kg; SAR (10g) = 0.497 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) = 0.758 W/kg; SAR (10g) = 0.534 W/kg;



GL-XE2000 LTE Band 7 20M QPSK 1RB99 21100CH Back side 15mm**GL-XE2000**

Communication System: Band 7; Frequency: 2535.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2535.000$ MHz; $\sigma = 1.89$ S/m; $\epsilon_r = 39.9$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.31, 7.23, 7.33); Calibrated: 2023-09-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

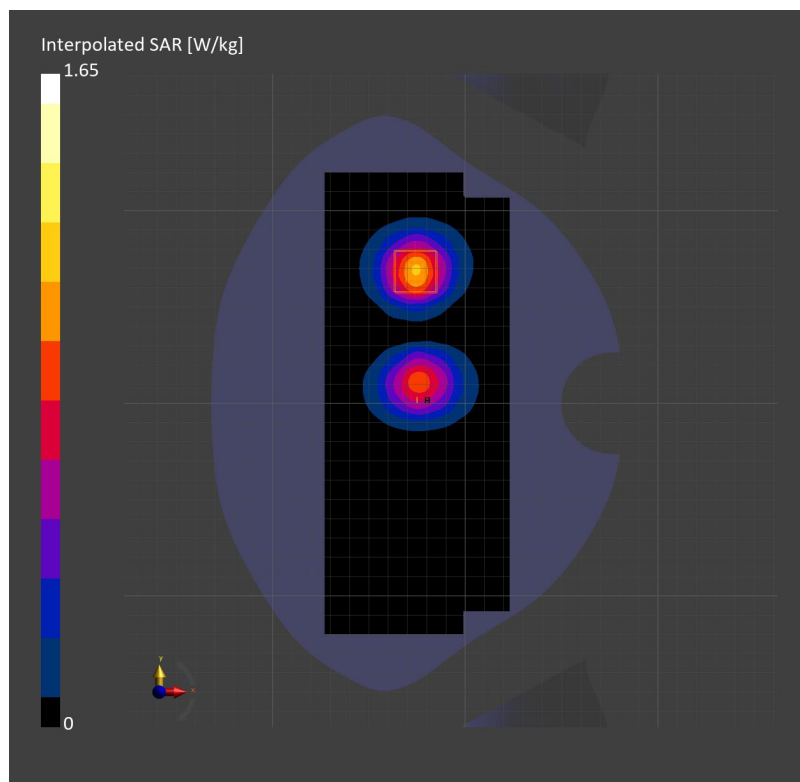
Area Scan (96.0 mm x 240.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.897 W/kg; SAR (10g) = 0.452 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) = 0.932 W/kg; SAR (10g) = 0.490 W/kg;



GL-XE2000 LTE Band 12 10M QPSK 1RB0 23060CH Back side 15mm**GL-XE2000**

Communication System: Band 12; Frequency: 704.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 704.000$ MHz; $\sigma = 0.825$ S/m; $\epsilon_r = 44.1$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(9.75, 9.68, 9.67); Calibrated: 2023-09-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

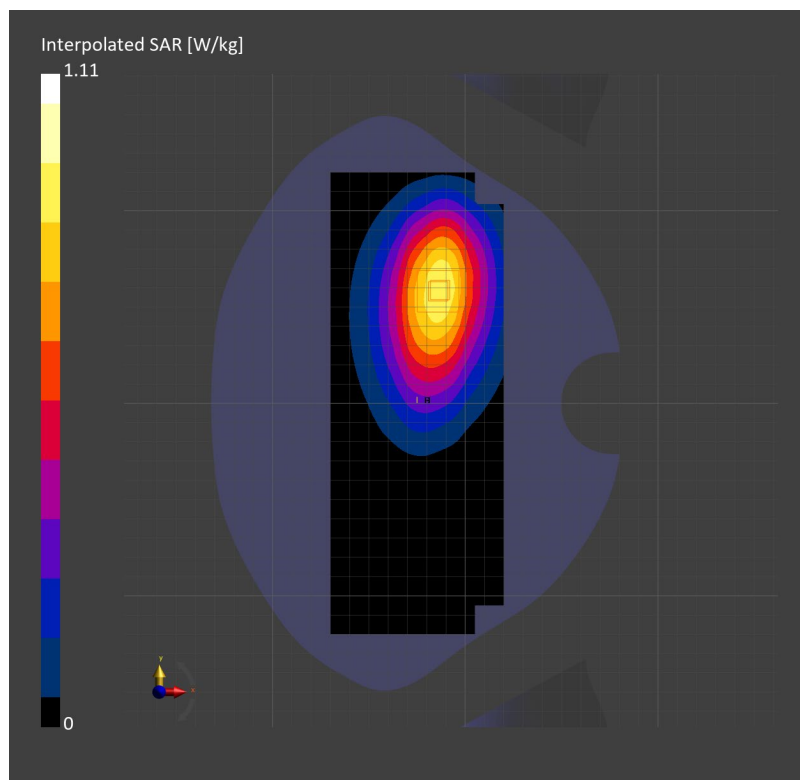
Area Scan (90.0 mm x 240.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.807 W/kg; SAR (10g) = 0.555 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) = 0.816 W/kg; SAR (10g) = 0.574 W/kg;



GL-XE2000 LTE Band 13 10M QPSK 1RB25 23230CH Back side 15mm**GL-XE2000**

Communication System: Band 13; Frequency: 782.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 782.000$ MHz; $\sigma = 0.875$ S/m; $\epsilon_r = 43.7$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(9.75, 9.68, 9.67); Calibrated: 2023-09-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

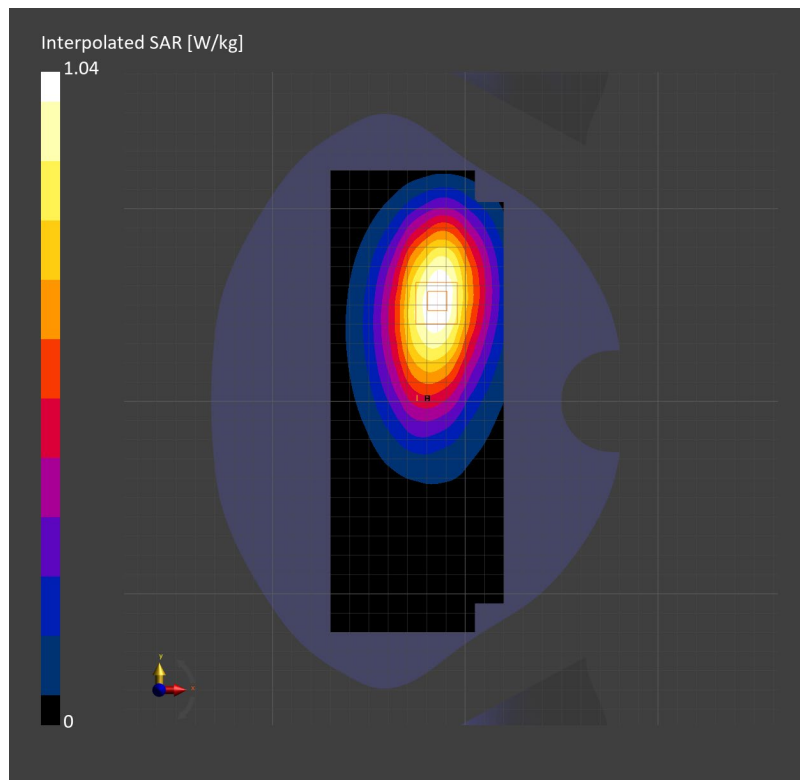
Area Scan (90.0 mm x 240.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.761 W/kg; SAR (10g) = 0.522 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) = 0.776 W/kg; SAR (10g) = 0.548 W/kg;



GL-XE2000 LTE Band 14 10M QPSK 1RB0 23330CH Back side 15mm**GL-XE2000**

Communication System: Band 14; Frequency: 793.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 793.000$ MHz; $\sigma = 0.881$ S/m; $\epsilon_r = 43.6$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(9.75, 9.68, 9.67); Calibrated: 2023-09-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

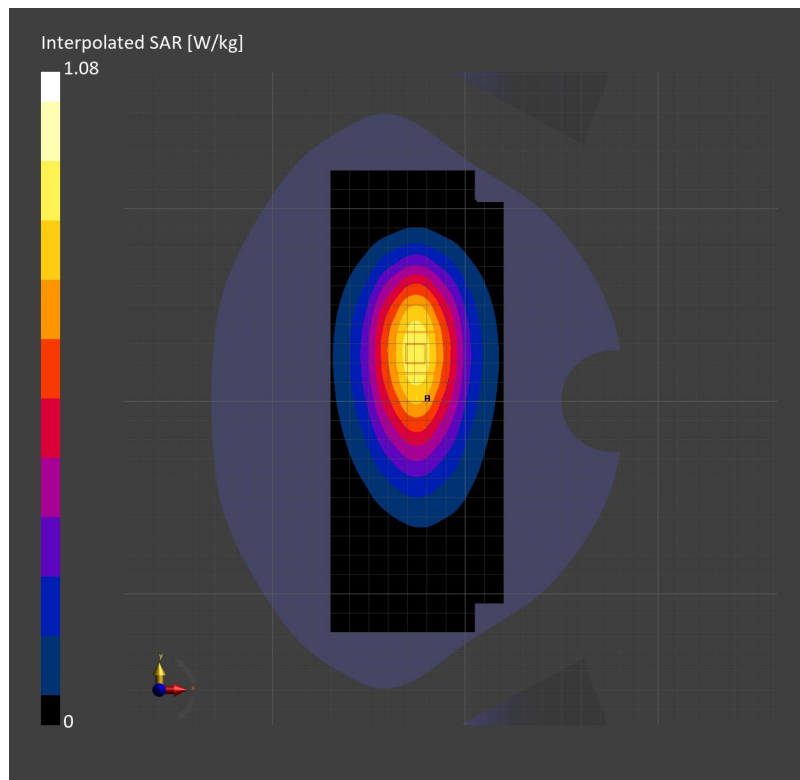
Area Scan (90.0 mm x 240.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.776 W/kg; SAR (10g) = 0.527 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) = 0.796 W/kg; SAR (10g) = 0.559 W/kg;



GL-XE2000 LTE Band 25 20M QPSK 1RB50 26365CH Back side 15mm**GL-XE2000**

Communication System: Band 25; Frequency: 1882.500

Medium: Head Simulating Liquid. Medium parameters used: $f = 1882.500$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 40.3$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.82, 7.76, 7.85); Calibrated: 2023-09-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

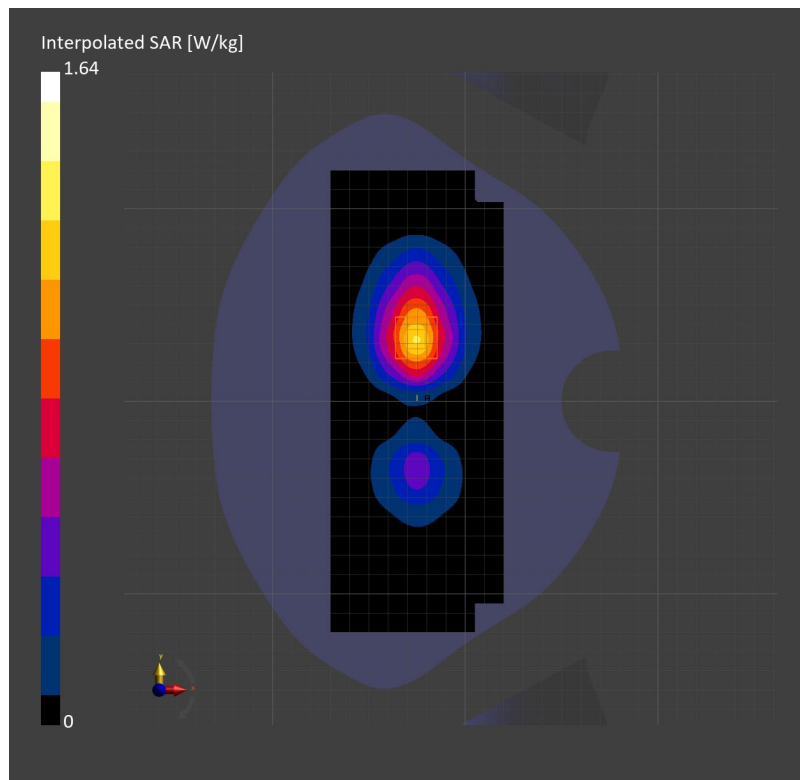
Area Scan (90.0 mm x 240.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 1.01 W/kg; SAR (10g) = 0.579 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) = 1.05 W/kg; SAR (10g) = 0.638 W/kg;



GL-XE2000 LTE Band 26 15M QPSK 1RB0 26765CH Front side 15mm**GL-XE2000**

Communication System: Band 26; Frequency: 821.500

Medium: Head Simulating Liquid. Medium parameters used: $f = 821.500$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 43.4$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(9.3, 9.34, 9.27); Calibrated: 2023-09-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

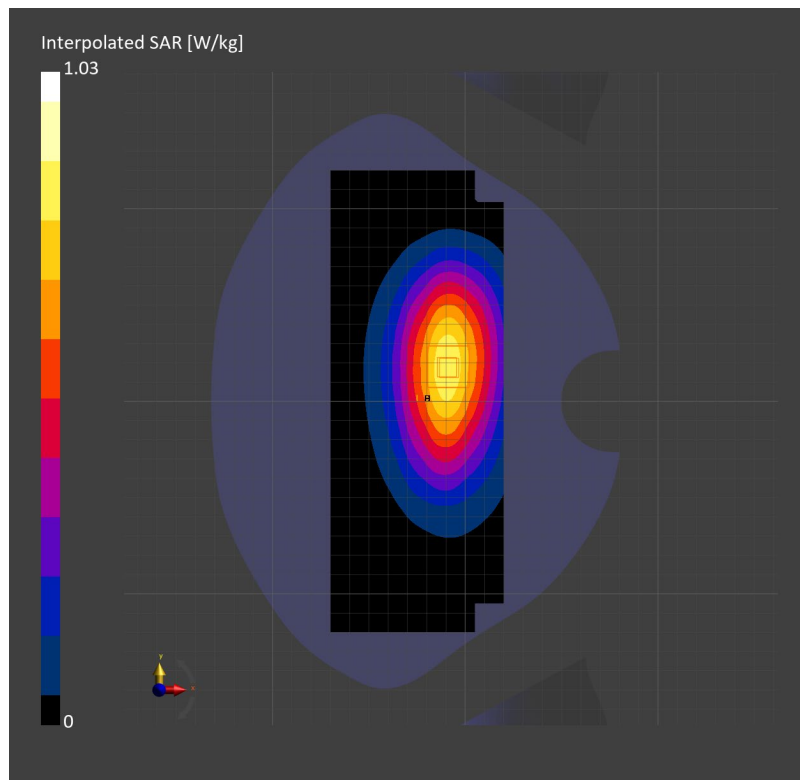
Area Scan (90.0 mm x 240.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.736 W/kg; SAR (10g) = 0.499 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) = 0.757 W/kg; SAR (10g) = 0.533 W/kg;



GL-XE2000 LTE Band 30 10M QPSK 1RB0 27710CH Back side 15mm**GL-XE2000**

Communication System: Band 30; Frequency: 2310.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2310.000$ MHz; $\sigma = 1.65$ S/m; $\epsilon_r = 40.6$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.56, 7.47, 7.57); Calibrated: 2023-09-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

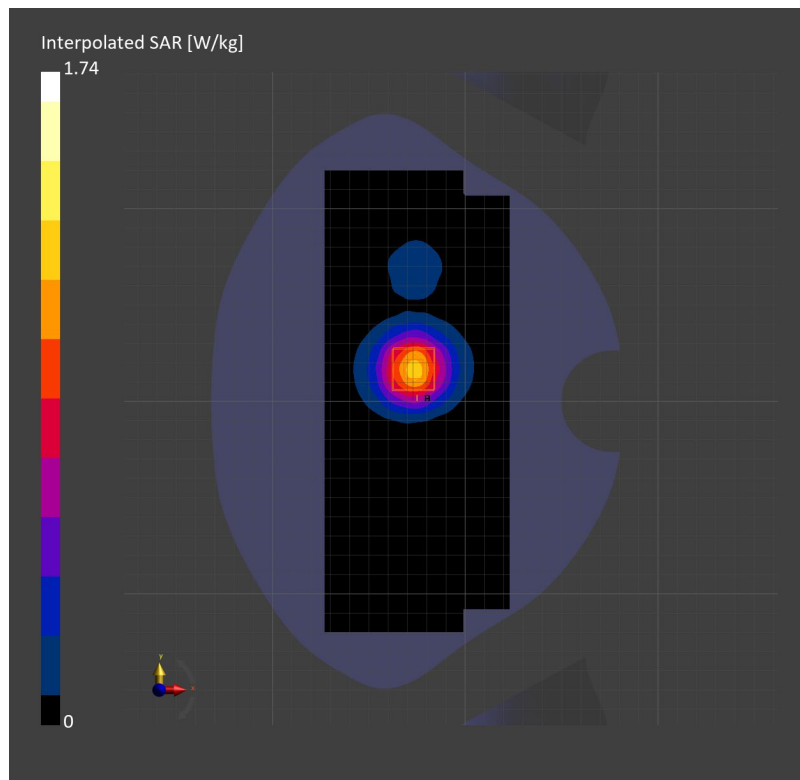
Area Scan (96.0 mm x 240.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.996 W/kg; SAR (10g) = 0.529 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) = 1.04 W/kg; SAR (10g) = 0.580 W/kg;



GL-XE2000 LTE Band 41 20M QPSK 1RB0 41055CH Back side 15mm**GL-XE2000**

Communication System: Band 41; Frequency: 2636.500

Medium: Head Simulating Liquid. Medium parameters used: $f = 2636.500$ MHz; $\sigma = 2.00$ S/m; $\epsilon_r = 39.5$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.31, 7.23, 7.33); Calibrated: 2023-09-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

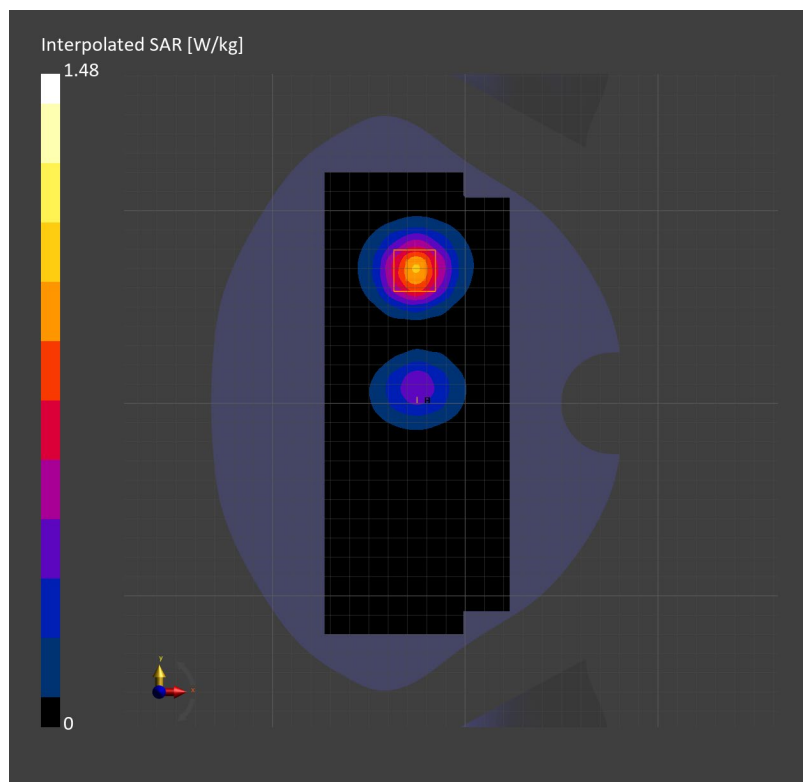
Area Scan (96.0 mm x 240.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.788 W/kg; SAR (10g) = 0.395 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) = 0.815 W/kg; SAR (10g) = 0.425 W/kg;



GL-XE2000 LTE Band 48 20M QPSK 1RB0 56640CH Back side side 15mm**GL-XE2000**

Communication System: Band 48; Frequency: 3690.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 3690.000$ MHz; $\sigma = 3.04$ S/m; $\epsilon_r = 37.1$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(6.99, 6.99, 6.99); 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: 2146
- Measurement Software: cDASY8 V16.2.4.2524

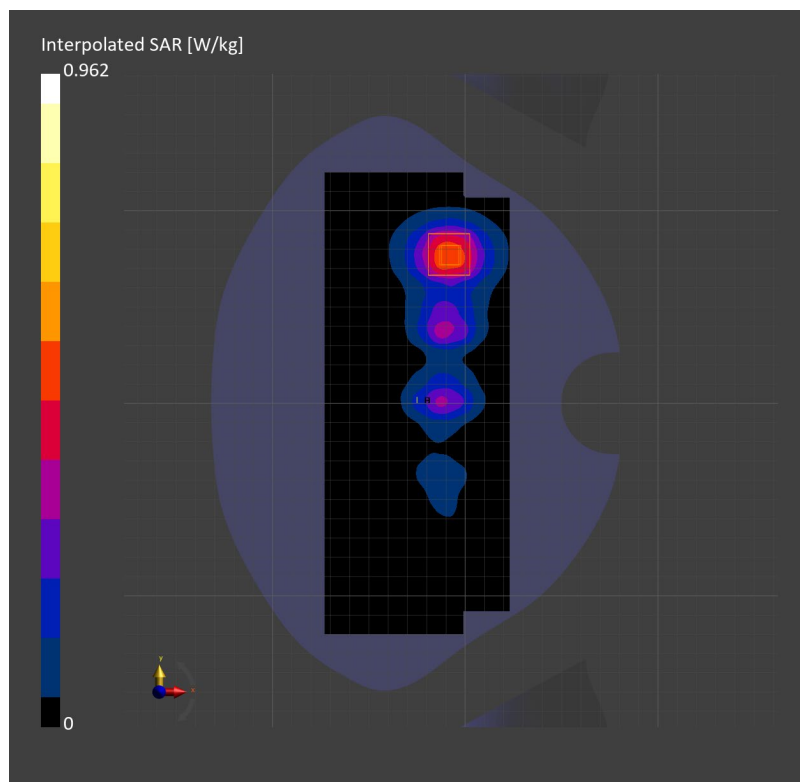
Area Scan (96.0 mm x 240.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.435 W/kg; SAR (10g) = 0.199 W/kg;

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

Power Drift = 0.02 dB

SAR (1g) = 0.446 W/kg; SAR (10g) = 0.202 W/kg;



GL-XE2000 LTE Band 66 20M QPSK 1RB99 132322CH Back side 15mm**GL-XE2000**

Communication System: Band 66; Frequency: 1745.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 1745.000$ MHz; $\sigma = 1.34$ S/m; $\epsilon_r = 40.4$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(8.11, 8.04, 8.17); Calibrated: 2023-09-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

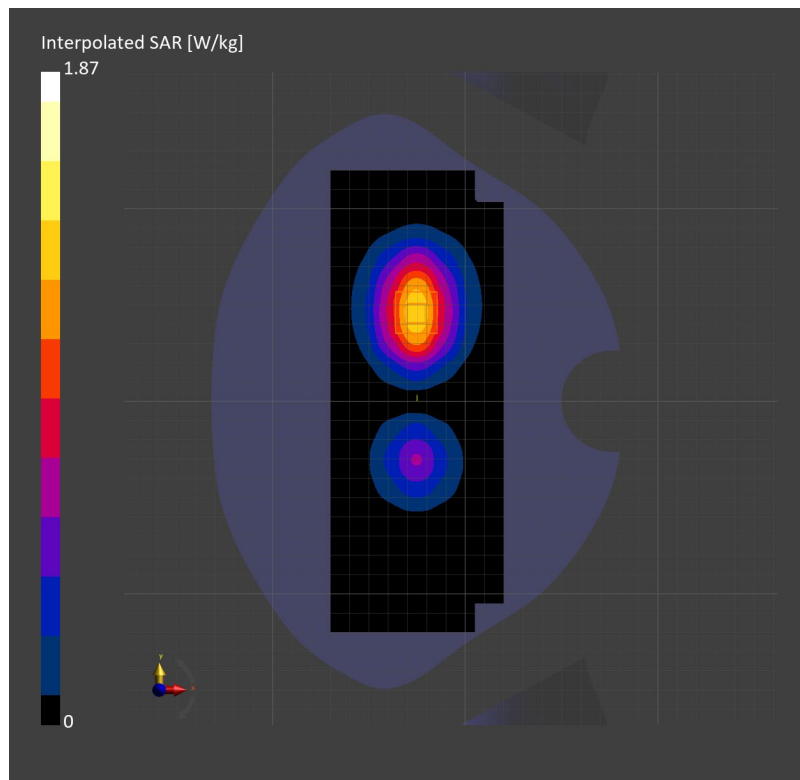
Area Scan (90.0 mm x 240.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 1.16 W/kg; SAR (10g) = 0.688 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) = 1.20 W/kg; SAR (10g) = 0.749 W/kg;



GL-XE2000 LTE Band 71 20M QPSK 1RB50 133322CH Front side 15mm**GL-XE2000**

Communication System: Band 71; Frequency: 683.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 683.000$ MHz; $\sigma = 0.812$ S/m; $\epsilon_r = 44.3$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(9.75, 9.68, 9.67); Calibrated: 2023-09-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

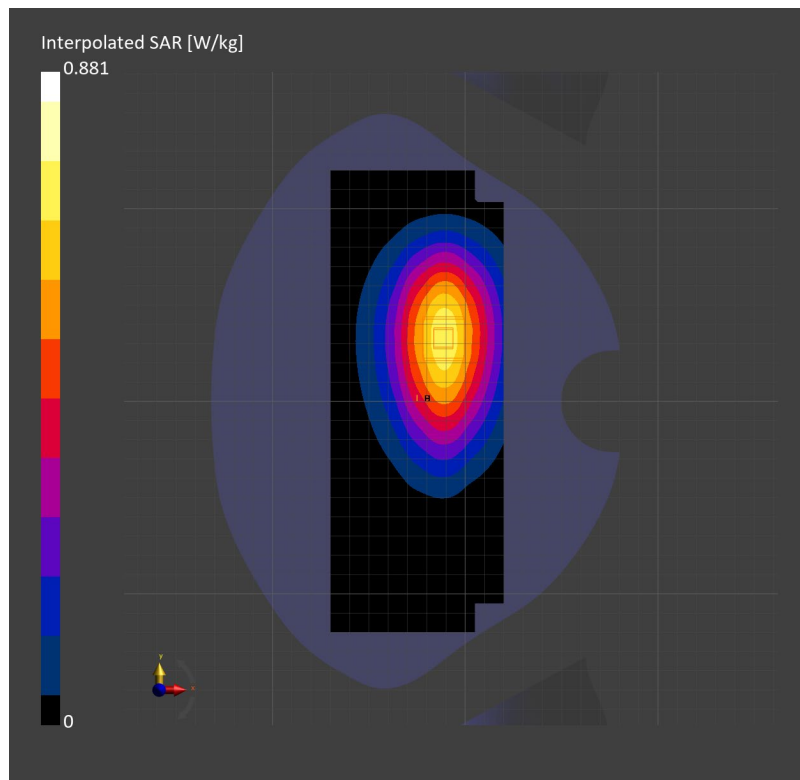
Area Scan (90.0 mm x 240.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.631 W/kg; SAR (10g) = 0.435 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) = 0.644 W/kg; SAR (10g) = 0.456 W/kg;



GL-XE2000 WIFI 2.4G 802.11nHT40 6CH Front side 15mm-MIMO**GL-XE2000**

Communication System: WLAN 2.4GHz; Frequency: 2437.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2437.000$ MHz; $\sigma = 1.79$ S/m; $\epsilon_r = 40.5$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(7.95, 7.95, 7.95); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1267; Calibrated: 2024-01-03
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.2.4.2524

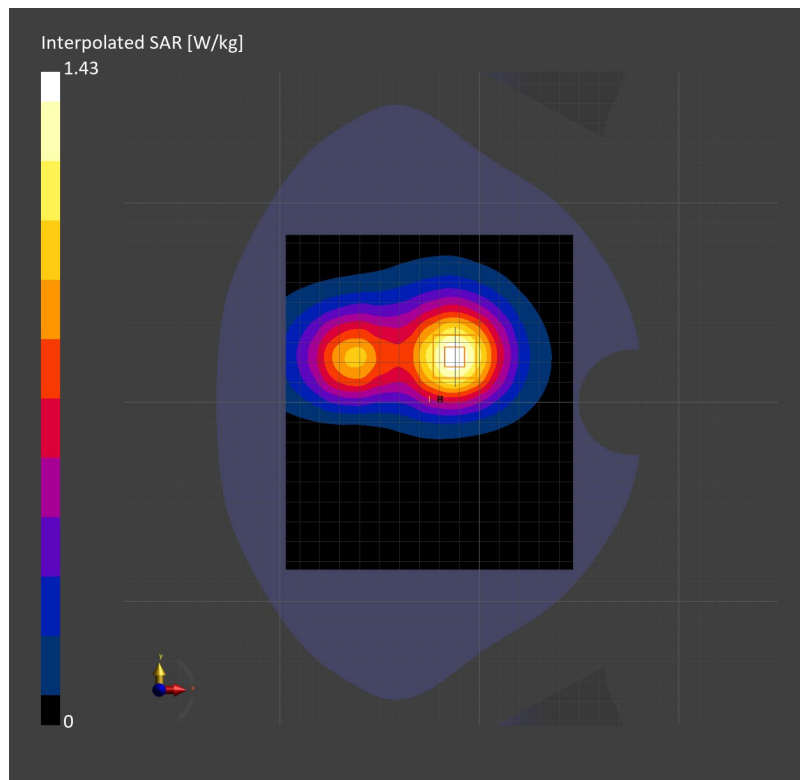
Area Scan (144.0 mm x 168.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.826 W/kg; SAR (10g) = 0.460 W/kg;

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

Power Drift = -0.02 dB

SAR (1g) = 0.841 W/kg; SAR (10g) = 0.49 W/kg;



GL-XE2000 WIFI 5G 802.11ac VHT80 155CH Front side 15mm-MIMO

GL-XE2000

Communication System: WLAN 5GHz; Frequency: 5775.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 5775.000$ MHz; $\sigma= 5.51$ S/m; $\epsilon_r = 35.7$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(5.16, 5.16, 5.16); Calibrated: 2024-07-17
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn1267; Calibrated: 2024-01-03
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
 - Measurement Software: cDASY8 V16.2.4.2524

Area Scan (140.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 1.68 W/kg; SAR (10g) = 0.724 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 = -0.06 dB
SAR (1g) = 1.67 W/kg; SAR (10g) = 0.74 W/kg;

