

Appendix B

Detailed Test Results

LTE Band 5 for Product specific 10g SAR
LTE Band 7 for Product specific 10g SAR
LTE Band 12 for Product specific 10g SAR
LTE Band 13 for Product specific 10g SAR
LTE Band 14 for Product specific 10g SAR
LTE Band 25 for Product specific 10g SAR
LTE Band 26 for Product specific 10g SAR
LTE Band 41 for Product specific 10g SAR
LTE Band 66 for Product specific 10g SAR
LTE Band 71 for Product specific 10g SAR
WIFI 2.4G for Product specific 10g SAR
WIFI 5G for Product specific 10g SAR
BT for Product specific 10g SAR

P30 LTE Band 5 10M QPSK 1RB0 20525CH Right side 0mm

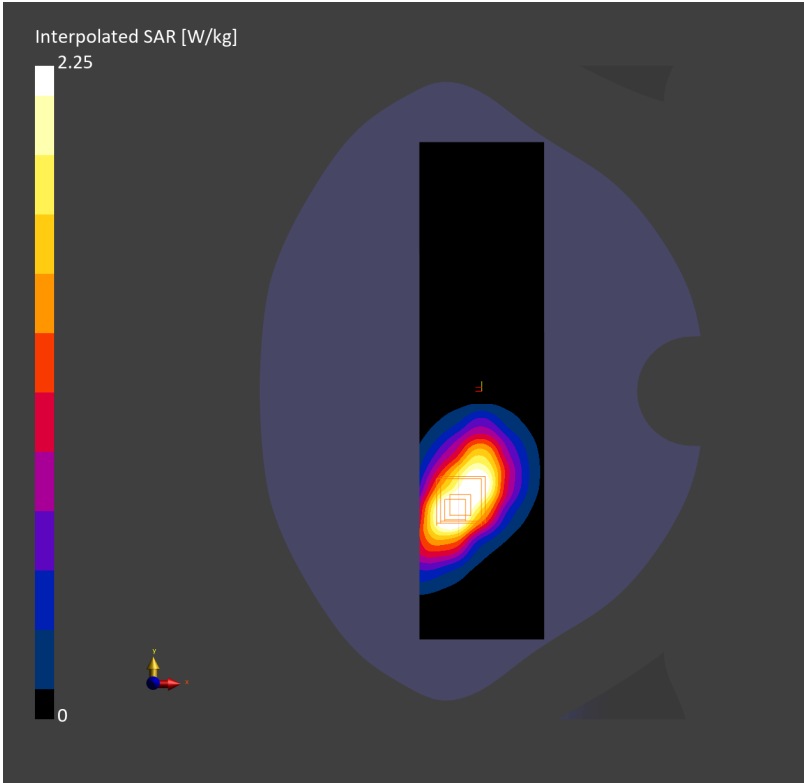
P30

Communication System: Band 5; Frequency: 836.500
Medium: Head Simulating Liquid. Medium parameters used: $f= 836.500$ MHz; $\sigma= 0.932$ S/m; $\epsilon_r = 42.2$

- 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 (60.0 mm x 240.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 2.33 W/kg; SAR (10g) = 1.42 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 = -0.02 dB
SAR (1g) = 2.22 W/kg; SAR (10g) = 1.29 W/kg
M2/M1 [%]=79.0
Dist 3dB Peak [mm]=9.7



P30 LTE Band 7 20M QPSK 1RB0 21100CH Right side 0mm

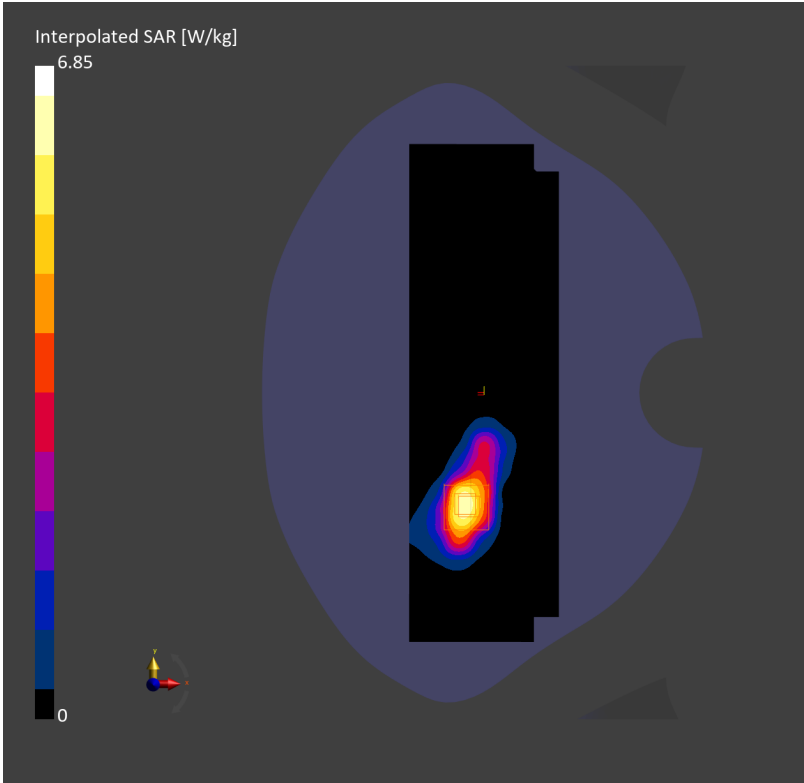
P30

Communication System: Band 7; Frequency: 2535.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 2535.000$ MHz; $\sigma= 1.88$ 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 (72.0 mm x 240.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 4.98 W/kg; SAR (10g) = 2.39 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 = -0.11 dB
SAR (1g) = 6.39 W/kg; SAR (10g) = 2.64 W/kg
M2/M1 [%]=77.4
Dist 3dB Peak [mm]=7.3



P30 LTE Band 12 10M QPSK 1RB25 23095CH Right side 0mm

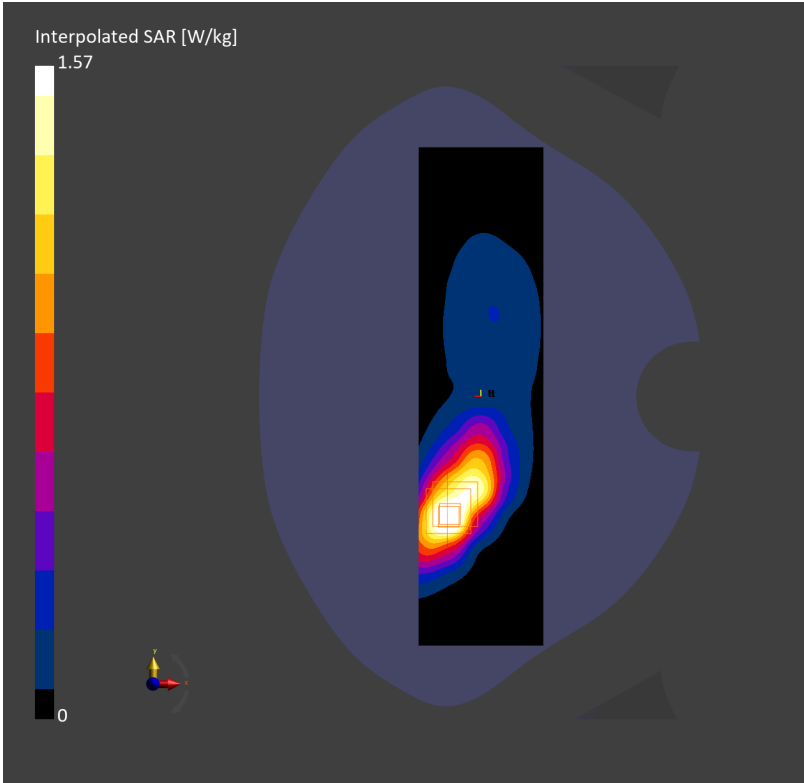
P30

Communication System: Band 12; Frequency: 707.500
Medium: Head Simulating Liquid. Medium parameters used: $f=707.500\text{ MHz}$; $\sigma=0.859\text{ S/m}$; $\epsilon_r=42.8$

- 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 (60.0 mm x 240.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 1.59 W/kg; SAR (10g) = 0.941 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 = 0.07 dB
SAR (1g) = 1.54 W/kg; SAR (10g) = 0.868 W/kg
M2/M1 [%]=78.0
Dist 3dB Peak [mm]=8.5



P30 LTE Band 13 10M QPSK 1RB0 23230CH Right side 0mm

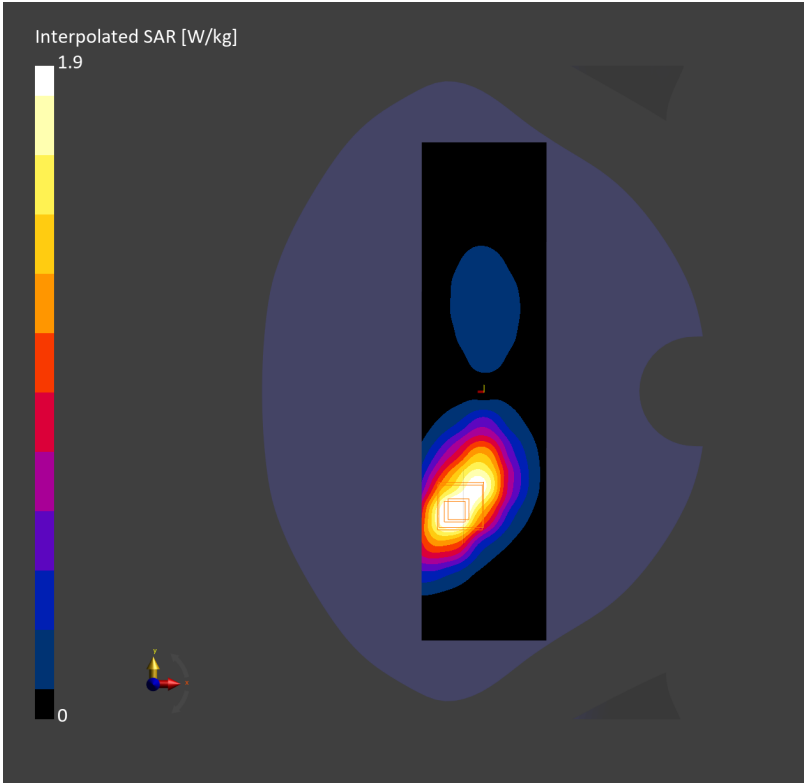
P30

Communication System: Band 13; Frequency: 782.000
Medium: Head Simulating Liquid. Medium parameters used: $f=782.000$ MHz; $\sigma=0.898$ S/m; $\epsilon_r=42.5$

- 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 (60.0 mm x 240.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 1.86 W/kg; SAR (10g) = 1.14 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) = 1.82 W/kg; SAR (10g) = 1.07 W/kg
M2/M1 [%]=80.1
Dist 3dB Peak [mm]=10.2



P30 LTE Band 14 10M QPSK 1RB0 23330CH Right side 0mm

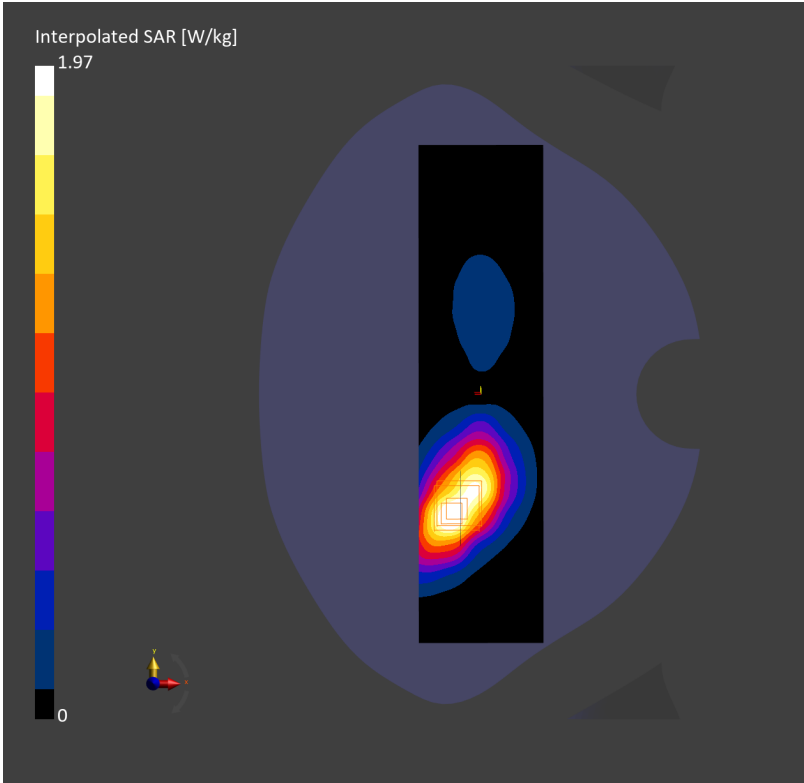
P30

Communication System: Band 14; Frequency: 793.000
Medium: Head Simulating Liquid. Medium parameters used: f= 793.000 MHz; σ = 0.904 S/m; ϵ_r = 42.4

- 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 (60.0 mm x 240.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 1.82 W/kg; SAR (10g) = 1.12 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 = 0.01 dB
SAR (1g) = 1.93 W/kg; SAR (10g) = 1.13 W/kg
M2/M1 [%]=80.5
Dist 3dB Peak [mm]=11.1



P30 LTE Band 25 20M QPSK 1RB50 26140CH Right side 0mm

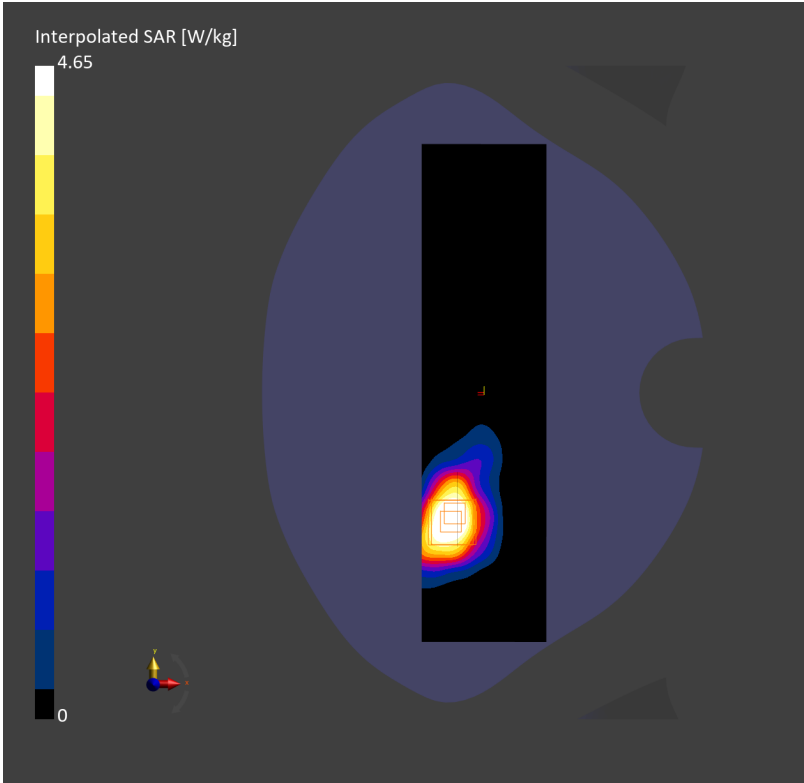
P30

Communication System: Band 25; Frequency: 1860.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 1860.000$ MHz; $\sigma= 1.39$ S/m; $\epsilon_r = 40.4$

- 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 240.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 4.72 W/kg; SAR (10g) = 2.54 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 = -0.04 dB
SAR (1g) = 4.56 W/kg; SAR (10g) = 2.45 W/kg
M2/M1 [%]=77.1
Dist 3dB Peak [mm]=9.4



P30 LTE Band 26 15M QPSK 1RB0 26865CH Right side 0mm

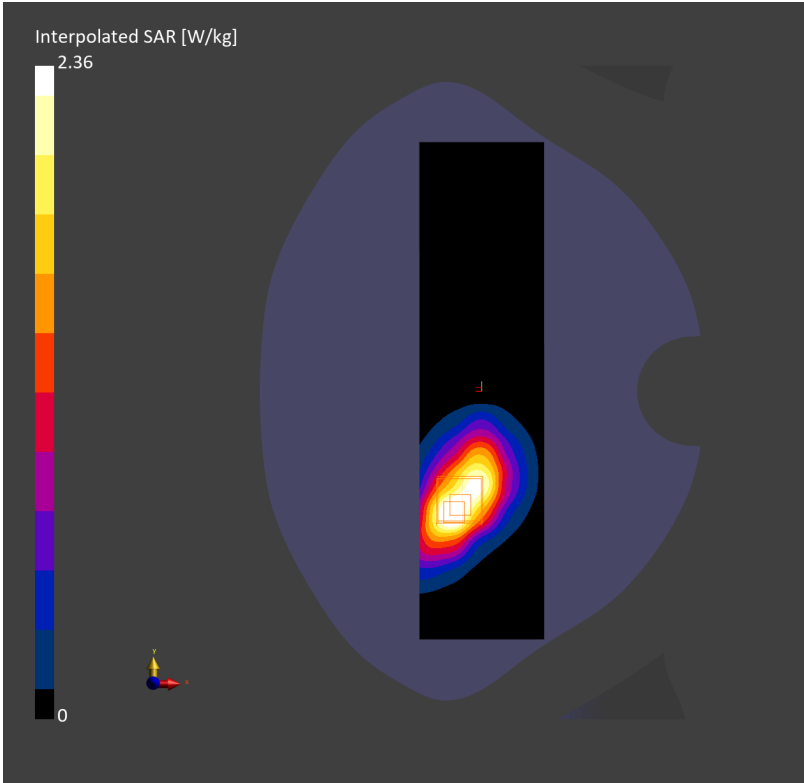
P30

Communication System: Band 26; Frequency: 831.500
Medium: Head Simulating Liquid. Medium parameters used: f= 831.500 MHz; σ = 0.929 S/m; ϵ_r = 42.3

- 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 (60.0 mm x 240.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 2.24 W/kg; SAR (10g) = 1.36 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 = 0.01 dB
SAR (1g) = 2.31 W/kg; SAR (10g) = 1.31 W/kg
M2/M1 [%]=79.6
Dist 3dB Peak [mm]=9.4



P30 LTE Band 41 20M QPSK 1RB50 41490CH Right side 0mm

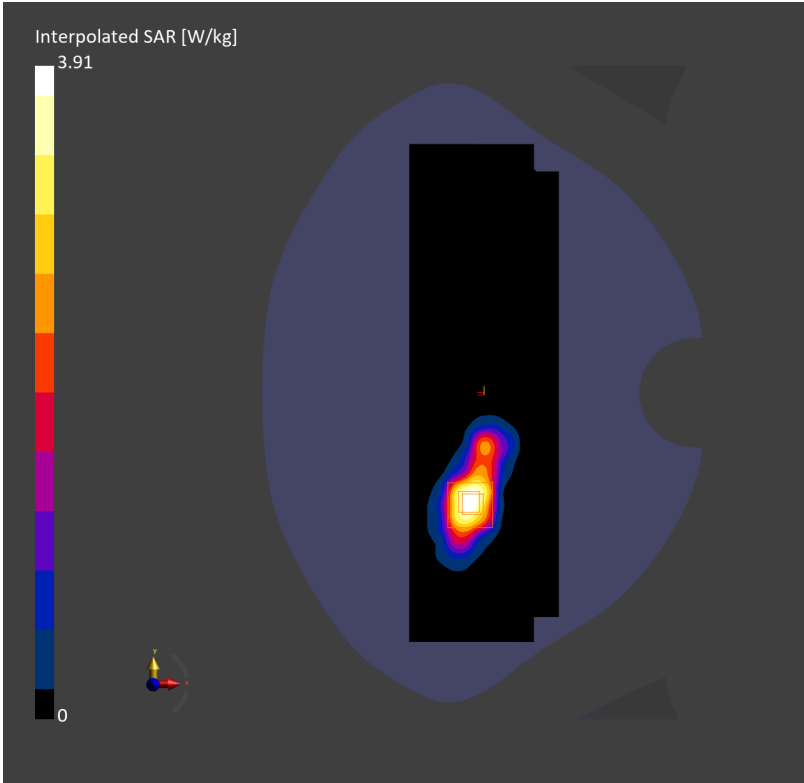
P30

Communication System: Band 41; Frequency: 2680.000
Medium: Head Simulating Liquid. Medium parameters used: f= 2680.000 MHz; σ = 2.02 S/m; ϵ_r = 39.2

- 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 (72.0 mm x 240.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 3.15 W/kg; SAR (10g) = 1.47 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) = 3.87 W/kg; SAR (10g) = 1.47 W/kg
M2/M1 [%]=75.5
Dist 3dB Peak [mm]=7.7



P30 LTE Band 66 20M QPSK 1RB99 132072CH Right side 0mm

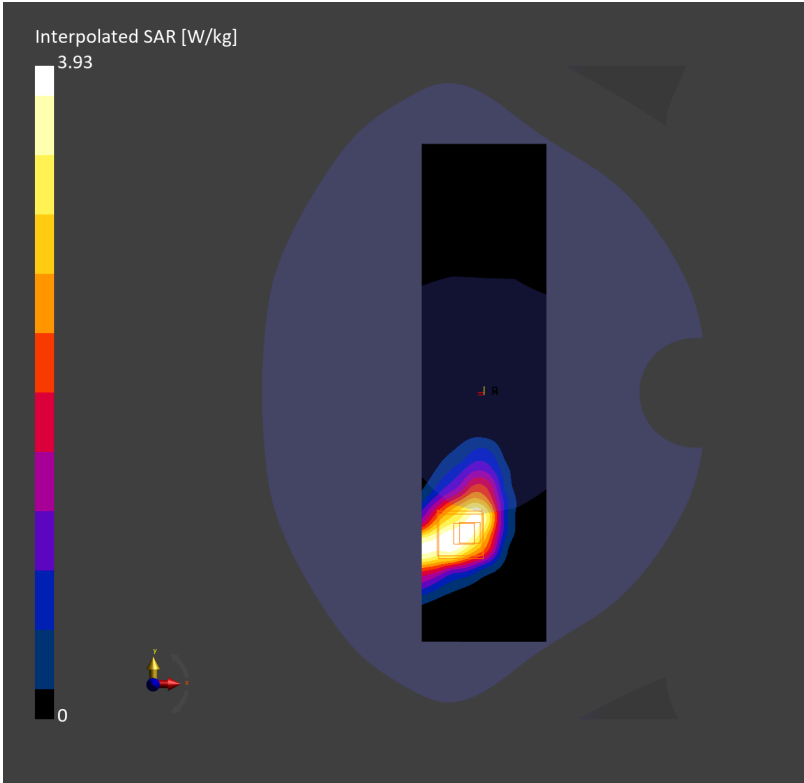
P30

Communication System: Band 66; Frequency: 1720.000
Medium: Head Simulating Liquid. Medium parameters used: f= 1720.000 MHz; σ = 1.34 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 (60.0 mm x 240.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 3.27 W/kg; SAR (10g) = 1.94 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 = -0.02 dB
SAR (1g) = 3.77 W/kg; SAR (10g) = 2.08 W/kg
M2/M1 [%]=81.8
Dist 3dB Peak [mm]=8.7



P30 LTE Band 71 20M QPSK 1RB50 133322CH Right side 0mm

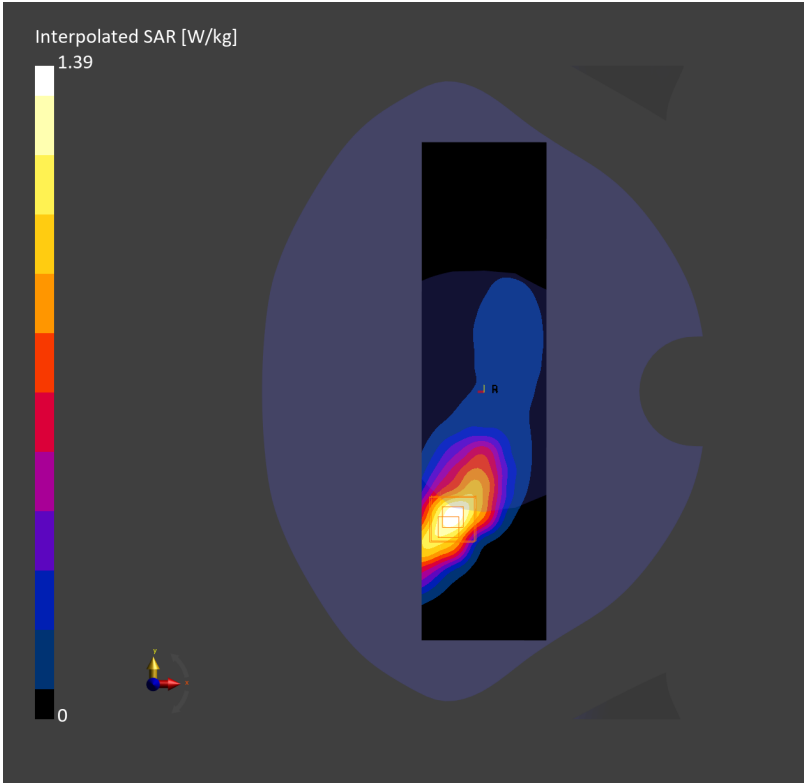
P30

Communication System: Band 71; Frequency: 683.000
Medium: Head Simulating Liquid. Medium parameters used: f= 683.000 MHz; σ = 0.848 S/m; ϵ_r = 42.6

- 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 (60.0 mm x 240.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 1.15 W/kg; SAR (10g) = 0.718 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 = -0.02 dB
SAR (1g) = 1.19 W/kg; SAR (10g) = 0.685 W/kg
M2/M1 [%]=77.3
Dist 3dB Peak [mm]=9.2



P30 WIFI 2.4G 802.11b 11CH Left side 0mm

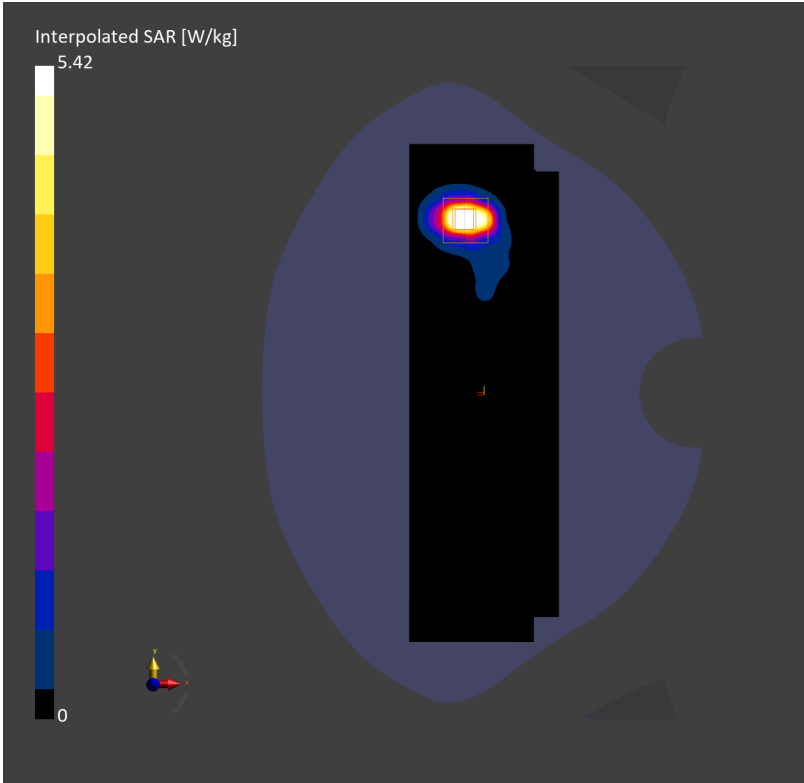
P30

Communication System: WLAN 2.4GHz; Frequency: 2462.000
Medium: Head Simulating Liquid. Medium parameters used: f= 2462.000 MHz; σ = 1.76 S/m; ϵ_r = 39.9

- 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 (72.0 mm x 240.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 5.32 W/kg; SAR (10g) = 2.00 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) = 5.37 W/kg; SAR (10g) = 1.97 W/kg
M2/M1 [%]=74.0
Dist 3dB Peak [mm]=6.1



P30 WIFI 5G 802.11a 64CH Left side 0mm

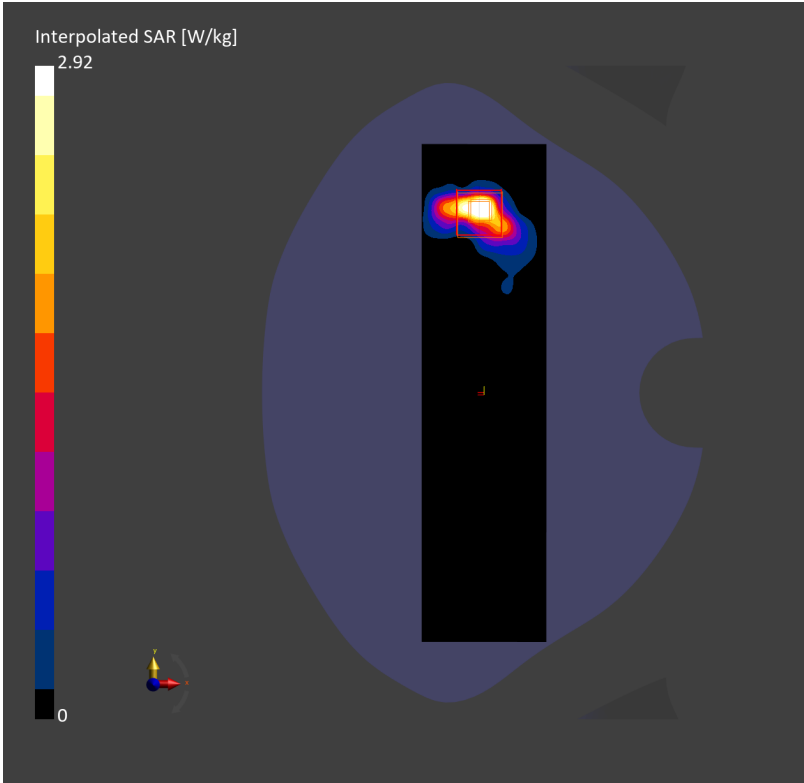
P30

Communication System: WLAN 5GHz; Frequency: 5320.000
Medium: Head Simulating Liquid. Medium parameters used: f= 5320.000 MHz; σ = 4.70 S/m; ϵ_r = 35.0

- DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(5.21, 5.21, 5.21); 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 240.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 2.49 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 1.4 mm
Power Drift = -0.02 dB
SAR (1g) = 2.78 W/kg; SAR (10g) = 0.751 W/kg
M2/M1 [%]=64.0
Dist 3dB Peak [mm]=5.4



P30 Bluetooth DH5 0CH Left side 0mm

P30

Communication System: ISM 2.4 GHz Band; Frequency: 2402.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 2402.000$ MHz; $\sigma= 1.69$ 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 (72.0 mm x 240.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.363 W/kg; SAR (10g) = 0.156 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) = 0.421 W/kg; SAR (10g) = 0.148 W/kg
M2/M1 [%]=63.2
Dist 3dB Peak [mm]=5.9

