Appendix B

Detailed Test Results

WIFI 2.4G for Body & Limbs
WIFI 5G for Body & Limbs
2.4G SDR for Body & Limbs
5G SDR for Body & Limbs
BT for Body & Limbs

YKBP2 WIFI 2.4G 802.11ax HE20 6CH Right side 0mm MIMO

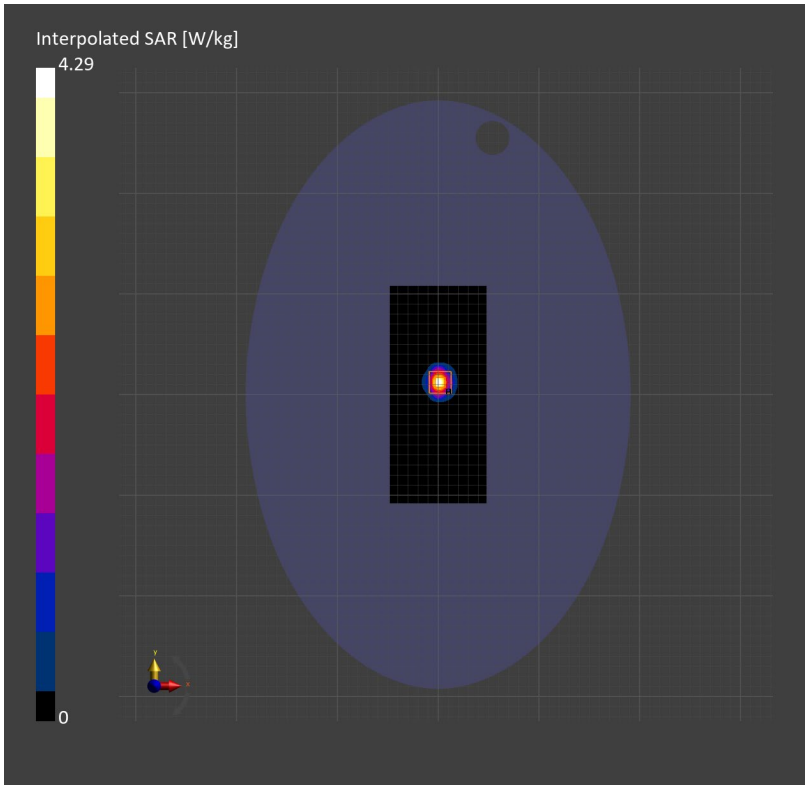
YKBP2

Communication System: WLAN 2.4GHz; Frequency: 2437.000
Medium: Head Simulating Liquid. Medium parameters used: f= 2437.000 MHz; σ= 1.81 S/m; ε_r = 38.3

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: ELI V8.0 (20deg probe tilt); Serial: 2219
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (96.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 2.03 W/kg; SAR (10g) = 0.804 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) = 2.08 W/kg; SAR (10g) = 0.859 W/kg;
M2/M1 [%]=51.6
Dist 3dB Peak [mm]=7.3



YKBP2 WIFI 2.4G 802.11ax HE20 6CH Bottom side 0MM MIMO

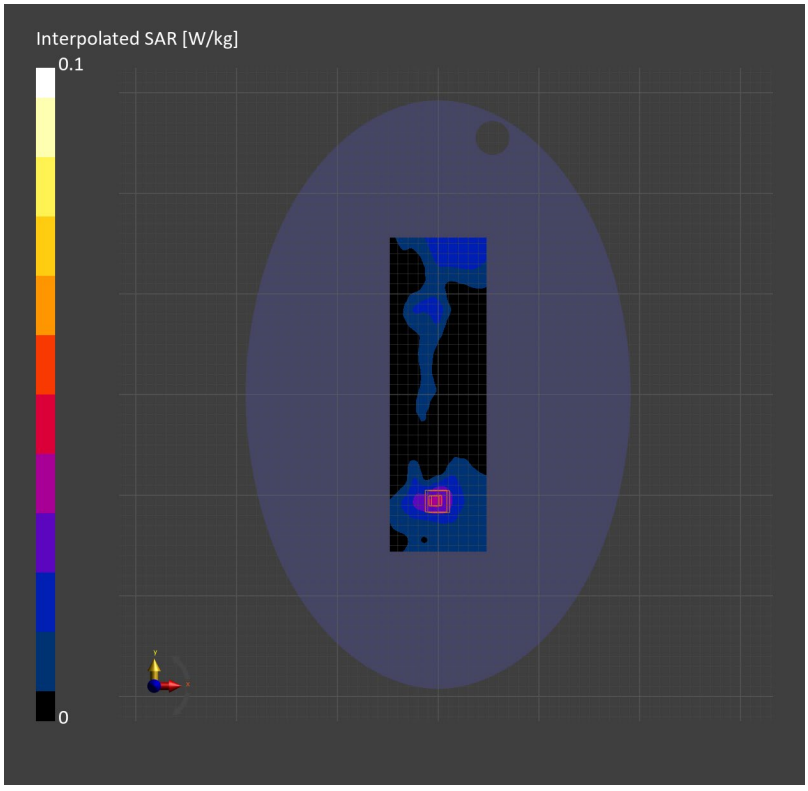
YKBP2

Communication System: WLAN 2.4GHz; Frequency: 2437.000
Medium: Head Simulating Liquid. Medium parameters used: f= 2437.000 MHz; σ= 1.81 S/m; ε_r = 38.3

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: ELI V8.0 (20deg probe tilt); Serial: 2219
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (96.0 mm x 312.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.029 W/kg; SAR (10g) = 0.016 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) = 0.030 W/kg; SAR (10g) = 0.016 W/kg;
M2/M1 [%]=59.1
Dist 3dB Peak [mm]=12.1



YKBP2 WIFI 5G 802.11ac VHT80 155CH Left side 0mm MIMO

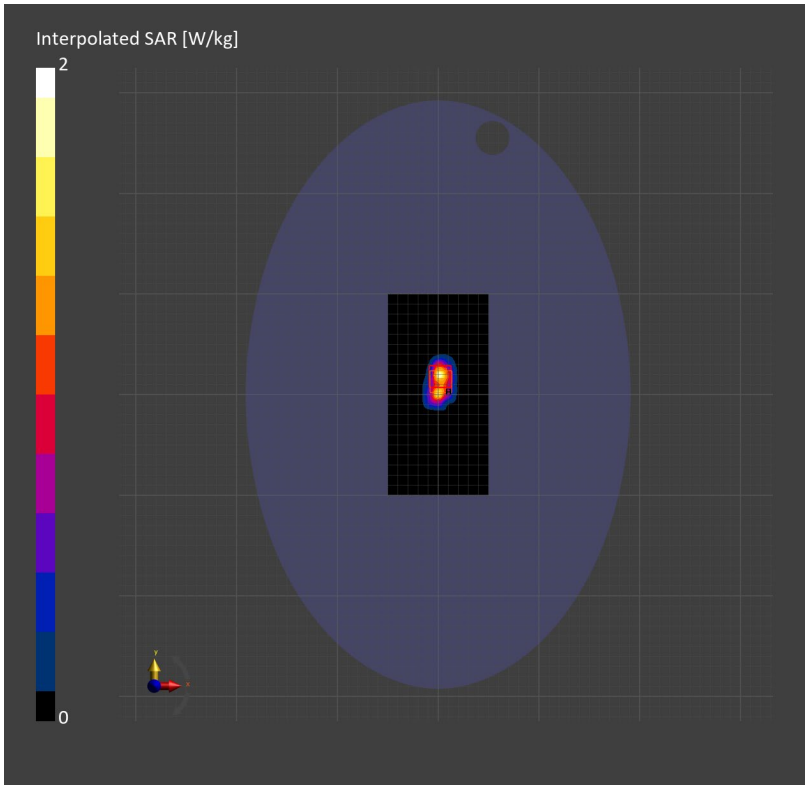
YKBP2

Communication System: WLAN 5GHz; Frequency: 5775.000
Medium: Head Simulating Liquid. Medium parameters used: f= 5775.000 MHz; σ= 5.45 S/m; ε_r = 35.5

DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(5.18, 4.94, 5.09); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2219
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (100.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 1.22 W/kg; SAR (10g) = 0.420 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 = -0.02 dB
SAR (1g) = 1.36 W/kg; SAR (10g) = 0.451 W/kg;
M2/M1 [%]=47.9
Dist 3dB Peak [mm]=5.9



YKBP2 WIFI 5G 802.11ac VHT40 38CH Bottom side 0mm MIMO

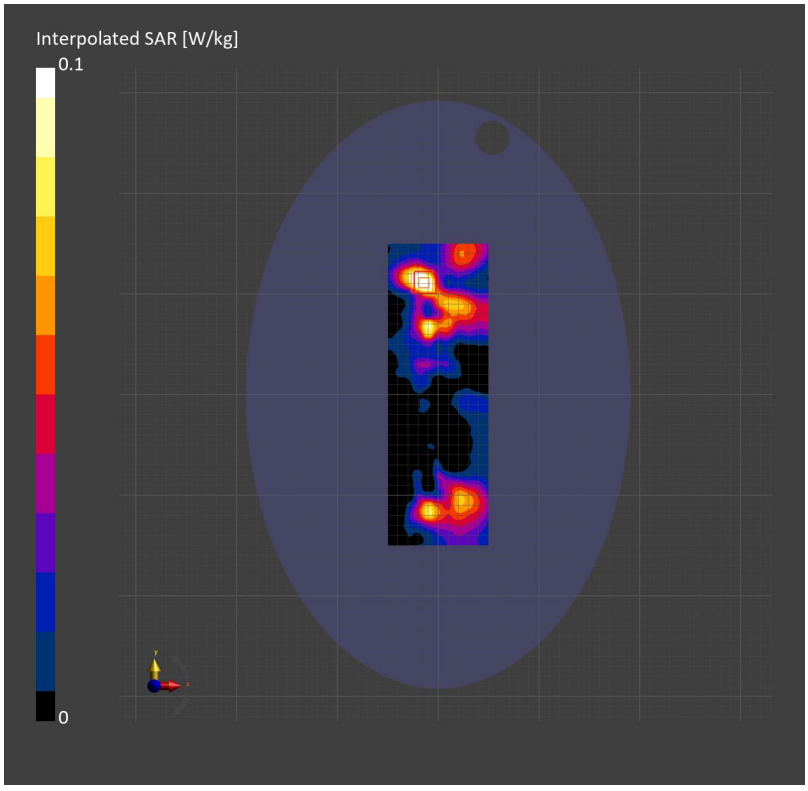
YKBP2

Communication System: WLAN 5GHz; Frequency: 5190.000
Medium: Head Simulating Liquid. Medium parameters used: f= 5190.000 MHz; σ= 4.76 S/m; ε_r = 36.5

DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(5.52, 5.26, 5.42); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2219
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (100.0 mm x 300.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.097 W/kg; SAR (10g) = 0.037 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 = 0.03 dB
SAR (1g) = 0.111 W/kg; SAR (10g) = 0.040 W/kg;
M2/M1 [%]=54.4
Dist 3dB Peak [mm]=8.0



YKBP2 SDR 2.4G 40M 2437.5Mhz Bottom side 0mm Ant0+1

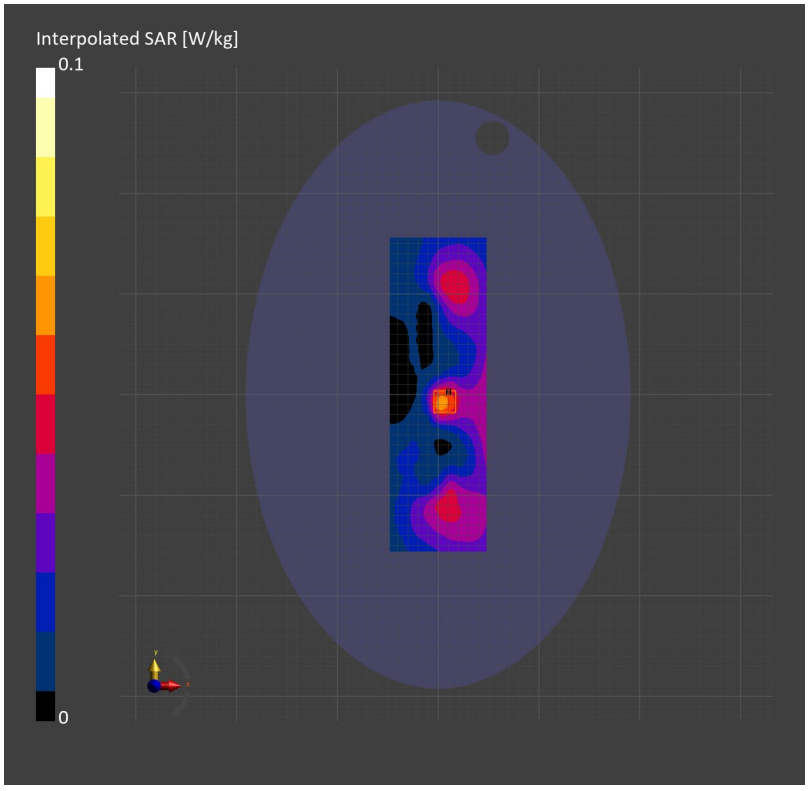
YKBP2

Communication System: SDR 2.4GHz; Frequency: 2437.500
Medium: Head Simulating Liquid. Medium parameters used: f= 2437.500 MHz; σ= 1.81 S/m; ε_r = 38.3

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: ELI V8.0 (20deg probe tilt); Serial: 2219
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (96.0 mm x 312.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.052 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 = -0.03 dB
SAR (1g) = 0.052 W/kg; SAR (10g) = 0.029 W/kg;
M2/M1 [%]=63.8
Dist 3dB Peak [mm]=8.3



YKBP2 SDR 2.4G 40M 2437.5Mhz Top side 0mm Ant4+5

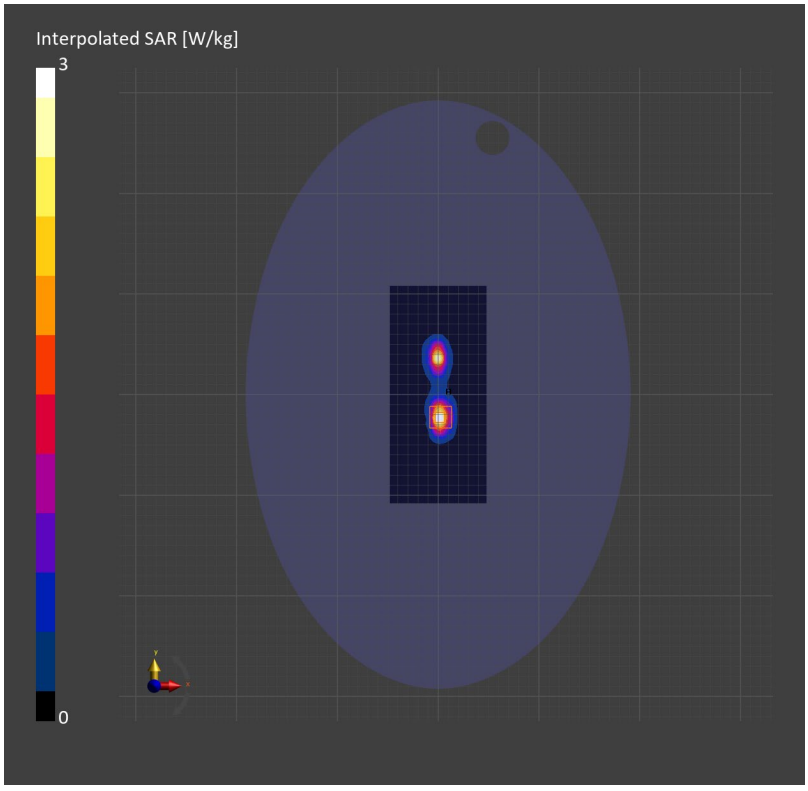
YKBP2

Communication System: SDR 2.4G; Frequency: 2437.500
Medium: Head Simulating Liquid. Medium parameters used: f= 2437.500 MHz; σ= 1.81 S/m; ε_r = 38.3

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: ELI V8.0 (20deg probe tilt); Serial: 2219
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (96.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 2.28 W/kg; SAR (10g) = 0.945 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) = 2.02 W/kg; SAR (10g) = 0.838 W/kg;
M2/M1 [%]=48.5
Dist 3dB Peak [mm]=6.8



YKBP2 SDR 5G 10M 5200Mhz Bottom side 0mm Ant0+1

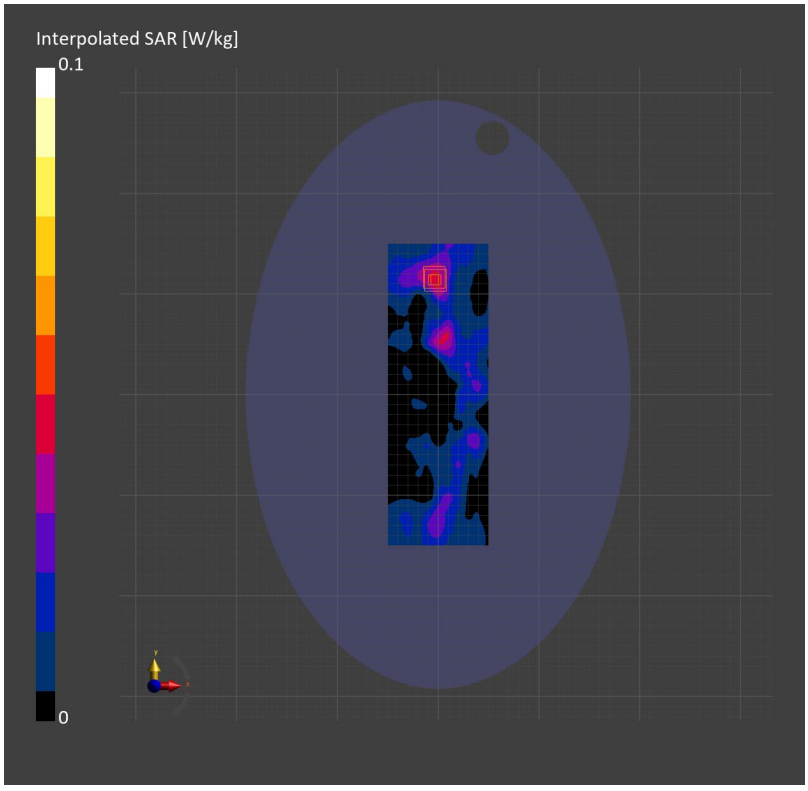
YKBP2

Communication System: SDR 5G; Frequency: 5200.000
Medium: Head Simulating Liquid. Medium parameters used: f= 5200.000 MHz; σ= 4.78 S/m; ε_r = 36.5

DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(5.52, 5.26, 5.42); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2219
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (100.0 mm x 300.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.035 W/kg; SAR (10g) = 0.015 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 = 0.09 dB
SAR (1g) = 0.035 W/kg; SAR (10g) = 0.013 W/kg;
M2/M1 [%]=63.3
Dist 3dB Peak [mm]=8.7



YKBP2 SDR 5G 10M 5844.5Mhz Top side 0mm Ant4+5

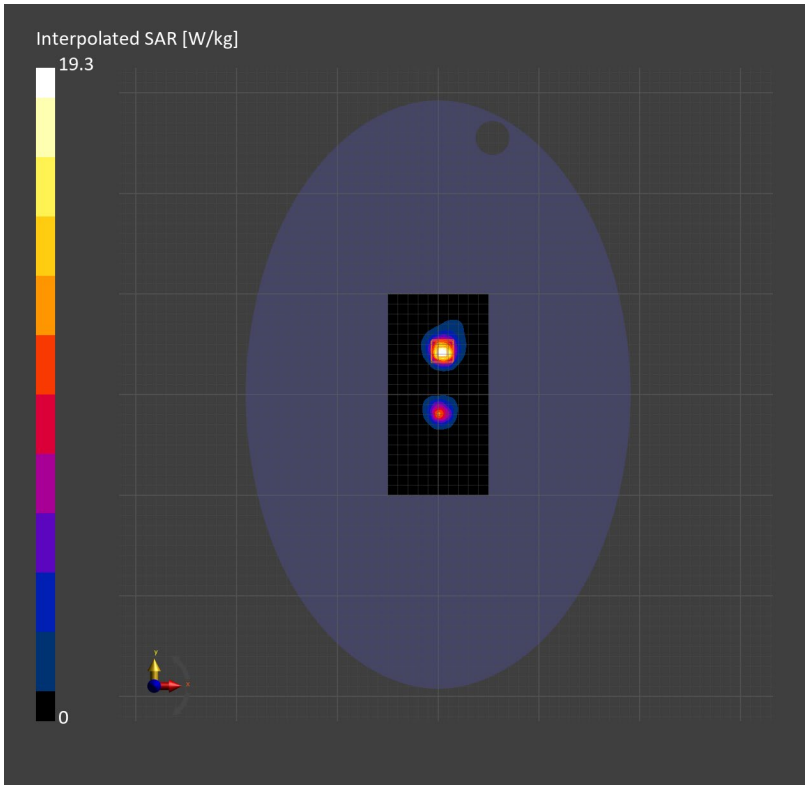
YKBP2

Communication System: SDR 5G; Frequency: 5844.500
Medium: Head Simulating Liquid. Medium parameters used: f= 5844.500 MHz; σ= 5.49 S/m; ε_r = 35.1

DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(5.18, 4.94, 5.09); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2219
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (100.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 4.65 W/kg; SAR (10g) = 1.58 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Power Drift = -0.17 dB
SAR (1g) = 5.03 W/kg; SAR (10g) = 1.65 W/kg;
M2/M1 [%]=63.8
Dist 3dB Peak [mm]=8.4



YKBP2 Bluetooth BLE 2M 19CH Right side 0mm ANT0

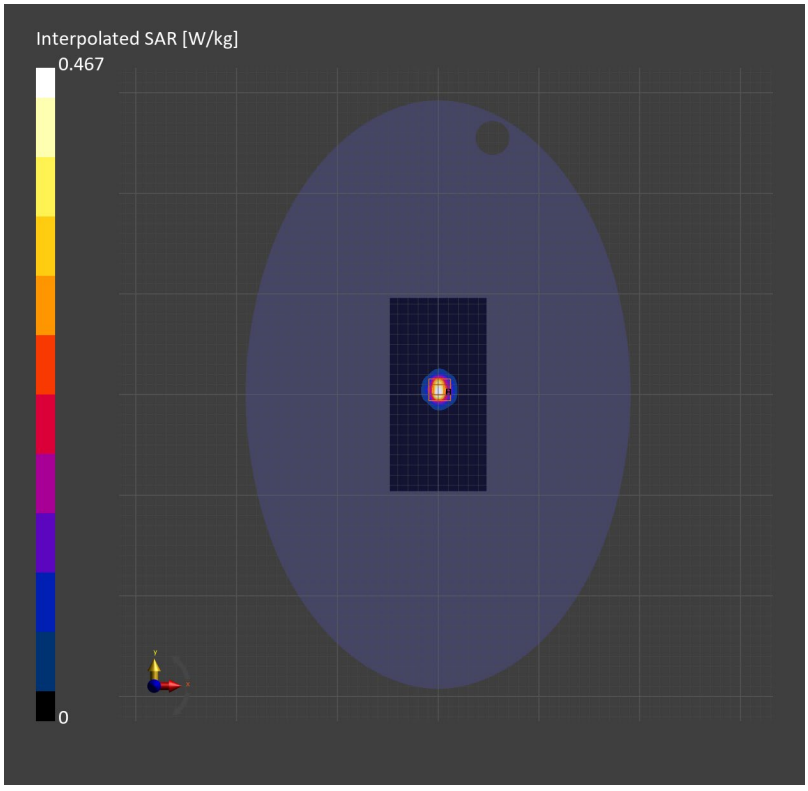
YKBP2

Communication System: ISM 2.4 GHz Band; Frequency: 2440.000
Medium: Head Simulating Liquid. Medium parameters used: f= 2440.000 MHz; σ= 1.82 S/m; ε_r = 38.3

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: ELI V8.0 (20deg probe tilt); Serial: 2219
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (96.0 mm x 192.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.211 W/kg; SAR (10g) = 0.086 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 = -0.06 dB
SAR (1g) = 0.227 W/kg; SAR (10g) = 0.093 W/kg;
M2/M1 [%]=50.3
Dist 3dB Peak [mm]=8.0



YKBP2 Bluetooth BLE 2M 19CH Bottom side 0mm ANT0

YKBP2

Communication System: ISM 2.4 GHz Band; Frequency: 2441.000
Medium: Head Simulating Liquid. Medium parameters used: f= 2441.000 MHz; σ= 1.82 S/m; ε_r = 38.3

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: ELI V8.0 (20deg probe tilt); Serial: 2219
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (96.0 mm x 312.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.018 W/kg; SAR (10g) = 0.01 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 = -0.08 dB
SAR (1g) = 0.016 W/kg; SAR (10g) = 0.008 W/kg;
M2/M1 [%]=55.0
Dist 3dB Peak [mm]=9.0