

# Appendix B

## Detailed Test Results

WIFI 2.4G for Head, Body & Extremity
WIFI 5G for Head, Body & Extremity
BT for Head, Body & Extremity

## QCM0812 WIFI 2.4G 802.11b 1CH Top side 0mm Ant2

### QCM0812

Communication System: WLAN 2.4GHz; Frequency: 2412.000

Medium: Head Simulating Liquid. Medium parameters used:  $f= 2412.000$  MHz;  $\sigma= 1.74$  S/m;  $\epsilon_r = 40.3$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.4, 7.32, 7.42); Calibrated: 2023-09-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.2.4.2524

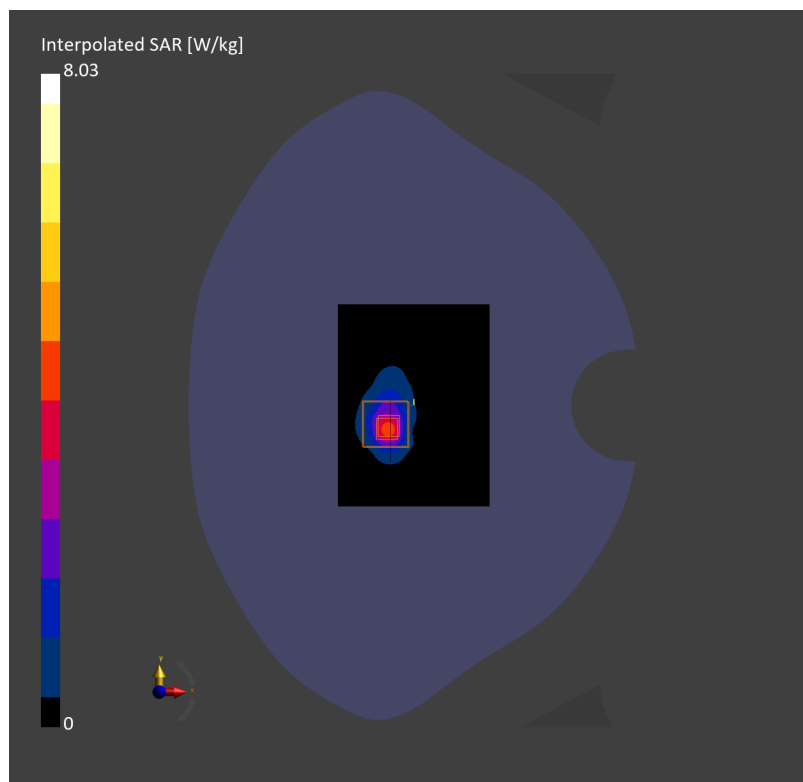
**Area Scan (72.0 mm x 96.0 mm):** Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 3.09 W/kg; SAR (10g) = 1.18 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 = -0.09 dB

SAR (1g) = 3.09 W/kg; SAR (10g) = 1.13 W/kg;



## QCM0812 WIFI 2.4G 802.11b 6CH Top side 5mm Ant2

### QCM0812

Communication System: WLAN 2.4GHz; Frequency: 2437.000

Medium: Head Simulating Liquid. Medium parameters used:  $f= 2437.000$  MHz;  $\sigma= 1.77$  S/m;  $\epsilon_r = 40.3$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.4, 7.32, 7.42); Calibrated: 2023-09-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.2.4.2524

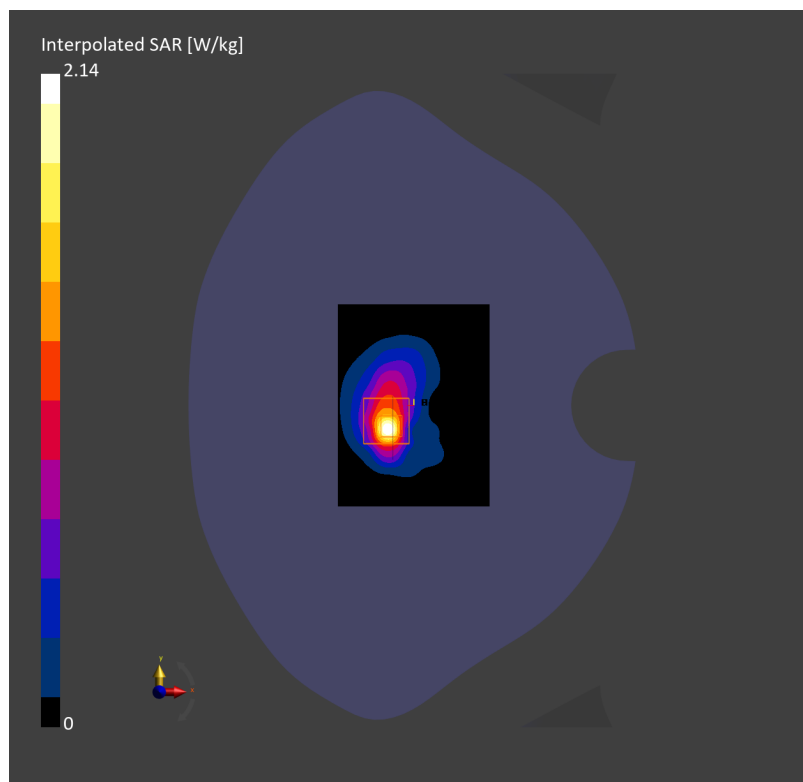
**Area Scan (72.0 mm x 96.0 mm):** Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.879 W/kg; SAR (10g) = 0.364 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 = 0.07 dB

SAR (1g) = 0.868 W/kg; SAR (10g) = 0.349 W/kg;



## QCM0812 WIFI 5G 802.11a 36CH Top side 0mm Ant2

### QCM0812

Communication System: WLAN 5GHz; Frequency: 5180.000

Medium: Head Simulating Liquid. Medium parameters used:  $f= 5180.000$  MHz;  $\sigma= 4.57$  S/m;  $\epsilon_r = 36.9$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(5.34, 5.25, 5.46); Calibrated: 2023-09-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.2.4.2524

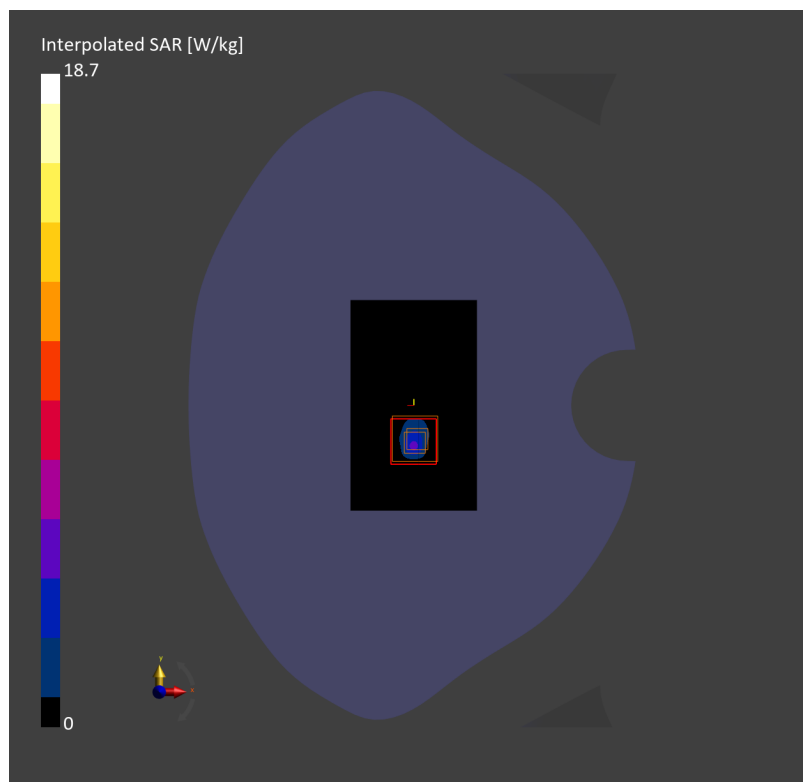
**Area Scan (60.0 mm x 100.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 2.88 W/kg; SAR (10g) = 0.719 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 2.0 mm

Power Drift = -0.02 dB

SAR (1g) = 3.87 W/kg; SAR (10g) = 0.813 W/kg;



## QCM0812 WIFI 5G 802.11a 36CH Back side 5mm Ant1

### QCM0812

Communication System: WLAN 5GHz; Frequency: 5180.000

Medium: Head Simulating Liquid. Medium parameters used:  $f= 5180.000$  MHz;  $\sigma= 4.57$  S/m;  $\epsilon_r = 36.9$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(5.34, 5.25, 5.46); Calibrated: 2023-09-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.2.4.2524

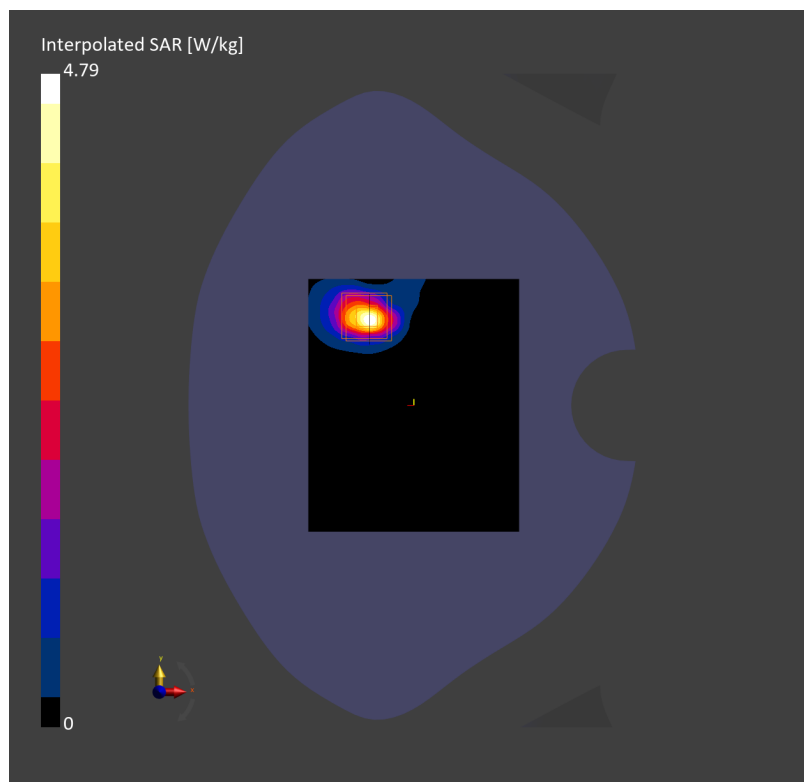
**Area Scan (100.0 mm x 120.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 1.15 W/kg; SAR (10g) = 0.372 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 = 0.16 dB

SAR (1g) = 1.25 W/kg; SAR (10g) = 0.378 W/kg;



## QCM0812 Bluetooth DH5 39CH Right side 0mm

### QCM0812

Communication System: ISM 2.4 GHz Band; Frequency: 2441.000

Medium: Head Simulating Liquid. Medium parameters used:  $f=2441.000$  MHz;  $\sigma=1.78$  S/m;  $\epsilon_r=40.3$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.4, 7.32, 7.42); Calibrated: 2023-09-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.2.4.2524

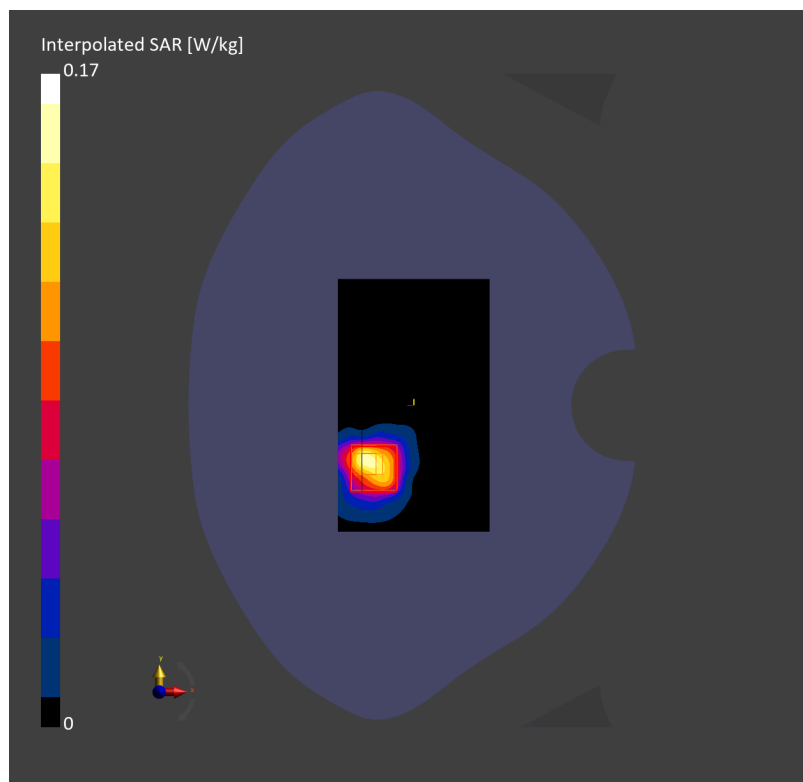
**Area Scan (72.0 mm x 120.0 mm):** Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.069 W/kg; SAR (10g) = 0.033 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 = -0.09 dB

SAR (1g) = 0.065 W/kg; SAR (10g) = 0.026 W/kg;



## QCM0812 Bluetooth DH5 39CH Back side 5mm

### QCM0812

Communication System: ISM 2.4 GHz Band; Frequency: 2441.000

Medium: Head Simulating Liquid. Medium parameters used:  $f=2441.000$  MHz;  $\sigma=1.78$  S/m;  $\epsilon_r=40.3$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.4, 7.32, 7.42); Calibrated: 2023-09-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.2.4.2524

**Area Scan (96.0 mm x 120.0 mm):** Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.069 W/kg; SAR (10g) = 0.026 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) = 0.074 W/kg; SAR (10g) = 0.027 W/kg;

