

Appendix B

Detailed Test Results

Bluetooth for Body
WIFI 2.4G for Body
WIFI 5G for Body

Bluetooth for Body
WIFI 2.4G for Body
WIFI 5G for Body

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SGS-SAR LabDate: 2024-12-13

DA302EP Bluetooth DH5 39CH Top side 0mm

DA302EP

Communication System: ISM 2.4 GHz Band; Frequency: 2441.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2441.000$ MHz; $\sigma = 1.85$ S/m; $\epsilon_r = 39.8$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.5, 7.5, 7.5); Calibrated: 2024-08-29
- 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 V16.4.0.5005

Area Scan (72.0 mm x 192.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.154 W/kg; SAR (10g) = 0.067 W/kg;

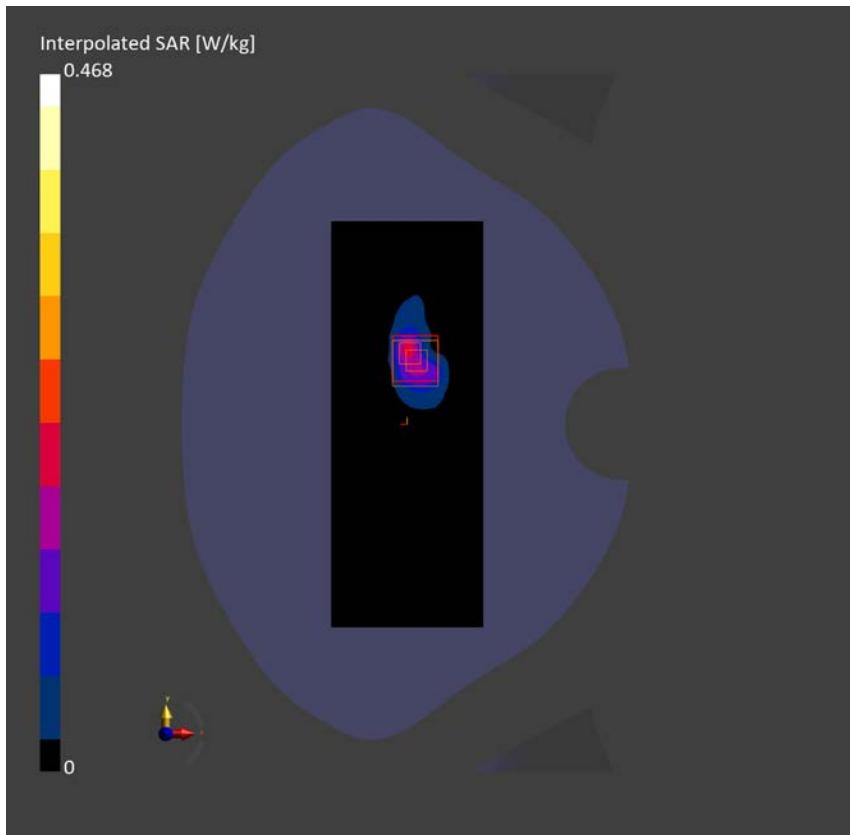
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.06 dB

SAR (1g) = 0.185 W/kg; SAR (10g) = 0.072 W/kg;

M2/M1 [%]=39.3

Dist 3dB Peak [mm]=5.1



SGS-SAR LabDate: 2024-12-16

DA302EP WIFI 2.4G 802.11b 1CH Top side 0mm

DA302EP

Communication System: WLAN 2.4GHz; Frequency: 2412.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2412.000$ MHz; $\sigma = 1.82$ S/m; $\epsilon_r = 39.8$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.5, 7.5, 7.5); Calibrated: 2024-08-29
- 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 V16.4.0.5005

Area Scan (72.0 mm x 192.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 1.08 W/kg; SAR (10g) = 0.417 W/kg;

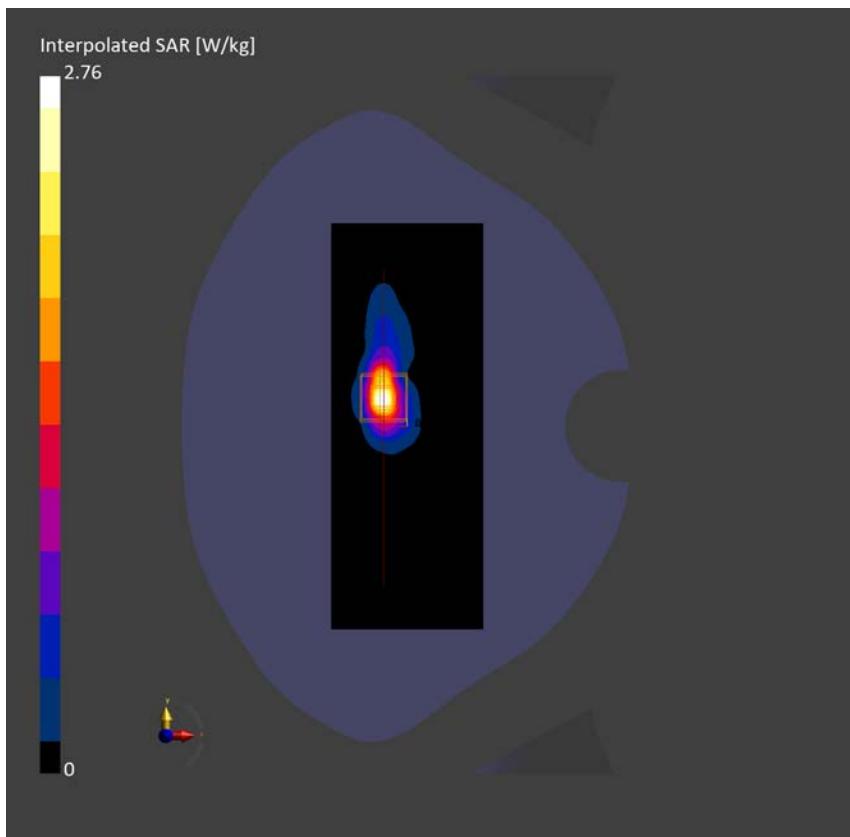
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.04 dB

SAR (1g) = 1.02 W/kg; SAR (10g) = 0.387 W/kg;

M2/M1 [%]=36.5

Dist 3dB Peak [mm]=5.5



SGS-SAR LabDate: 2024-12-13

DA302EP WIFI 5G 802.11acVHT80 42CH Top side 0mm

DA302EP

Communication System: WLAN 5GHz; Frequency: 5210.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 5210.000$ MHz; $\sigma = 4.71$ S/m; $\epsilon_r = 36.1$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(5.21, 5.21, 5.21); Calibrated: 2024-08-29
- 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 V16.4.0.5005

Area Scan (60.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 1.04 W/kg; SAR (10g) = 0.320 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 = -0.07 dB

SAR (1g) = 1.14 W/kg; SAR (10g) = 0.341 W/kg;

M2/M1 [%]=53.7

Dist 3dB Peak [mm]=6.3

