

21_Bluetooth_DH5 1Mbps_Left Side_5mm_Ch39

Communication System: IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441.0 MHz; Duty Cycle: 1:1

Medium: HSL Medium parameters used: $f = 2441.0$ MHz; $\sigma = 1.81$ S/m; $\epsilon_r = 39.2$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(7.81, 7.71, 7.62); Calibrated: 2024-6-3
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1210; Calibrated: 2024-12-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: Bluetooth, 10032-CAA

Area Scan (100.0 mm x 220.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.010 W/kg; SAR (10g) = 0.006 W/kg;

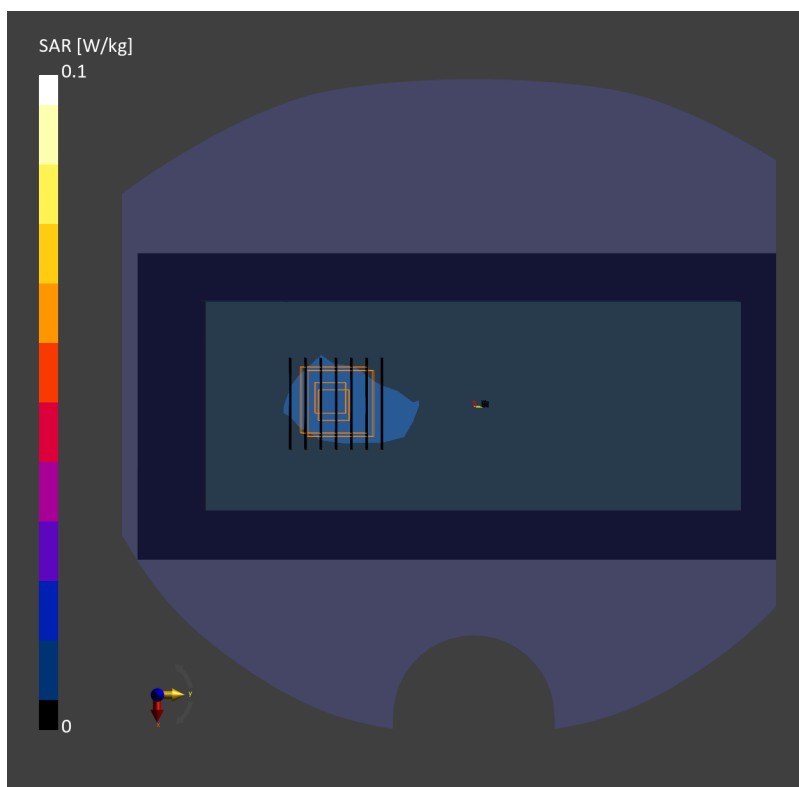
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.02 dB

SAR (1g) = 0.010 W/kg; SAR (10g) = 0.005 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 69.2 %



22_WLAN2.4GHz_802.11b 1Mbps_Left Side_5mm_Ch1

Communication System: IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps); Frequency: 2412.0 MHz; Duty Cycle: 1:1

Medium: HSL Medium parameters used: $f = 2412.0$ MHz; $\sigma = 1.79$ S/m; $\epsilon_r = 39.2$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(7.81, 7.71, 7.62); Calibrated: 2024-6-3
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1210; Calibrated: 2024-12-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: WLAN, 10012-CAB

Area Scan (100.0 mm x 220.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.115 W/kg; SAR (10g) = 0.062 W/kg;

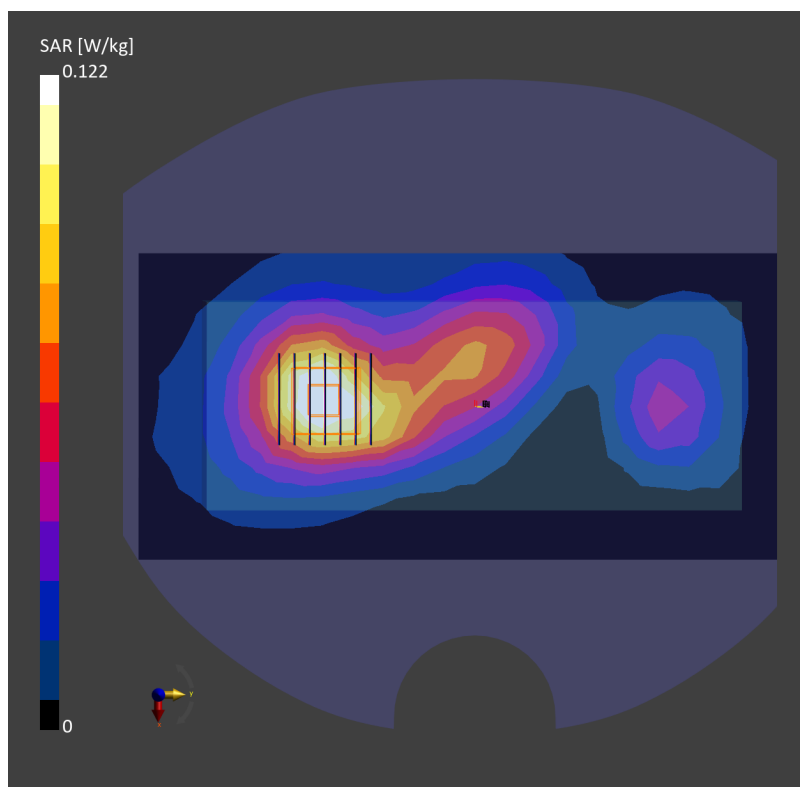
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.11 dB

SAR (1g) = 0.122 W/kg; SAR (10g) = 0.067 W/kg

Smallest distance from peaks to all points 3 dB below = 16.2 mm

Ratio of SAR at M2 to SAR at M1 = 85.1 %



23_WLAN5GHz_802.11ac-VHT160 MCS0_Left Side_5mm_Ch50

Communication System: IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle); Frequency: 5250.0

MHz; Duty Cycle: 1:1

Medium: HSL Medium parameters used: $f = 5250.0$ MHz; $\sigma = 4.62$ S/m; $\epsilon_r = 35.8$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(6.15, 6.08, 6.01); Calibrated: 2024-6-3
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1210; Calibrated: 2024-12-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: WLAN, 10456-AAC

Area Scan (100.0 mm x 220.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.257 W/kg; SAR (10g) = 0.107 W/kg;

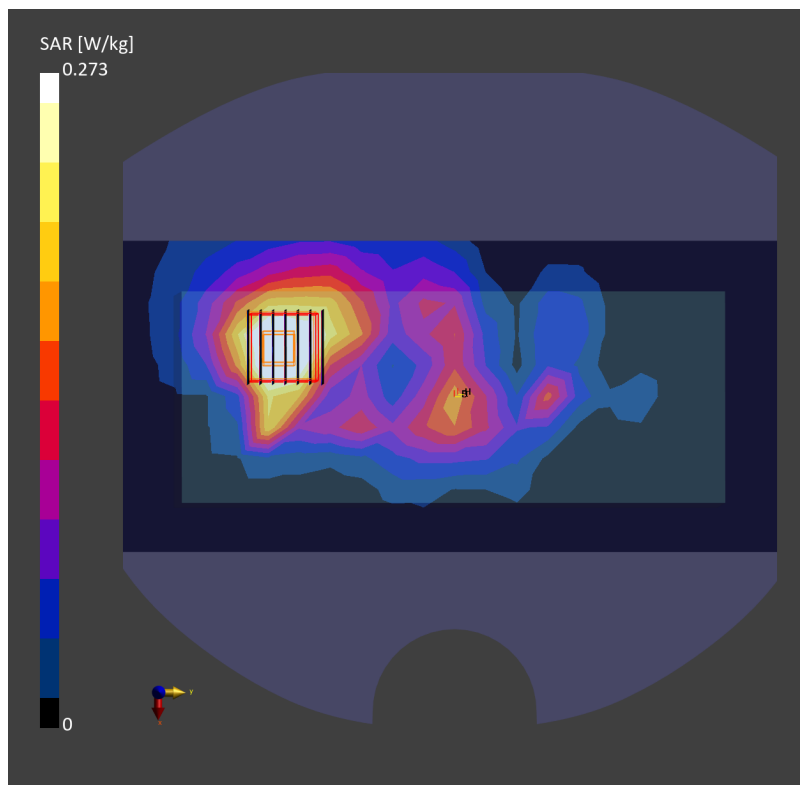
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.04 dB

SAR (1g) = 0.273 W/kg; SAR (10g) = 0.110 W/kg

Smallest distance from peaks to all points 3 dB below = 13.6 mm

Ratio of SAR at M2 to SAR at M1 = 65.1 %



24_WLAN5GHz_802.11ac-VHT80 MCS0_Left Side_5mm_Ch138

Communication System: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle); Frequency: 5690.0 MHz;

Duty Cycle: 1:1

Medium: HSL Medium parameters used: $f = 5690.0$ MHz; $\sigma = 5.07$ S/m; $\epsilon_r = 35.2$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.1°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.50, 5.44, 5.37); Calibrated: 2024-6-3
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1210; Calibrated: 2024-12-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: WLAN, 10544-AAC

Area Scan (100.0 mm x 220.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.285 W/kg; SAR (10g) = 0.117 W/kg;

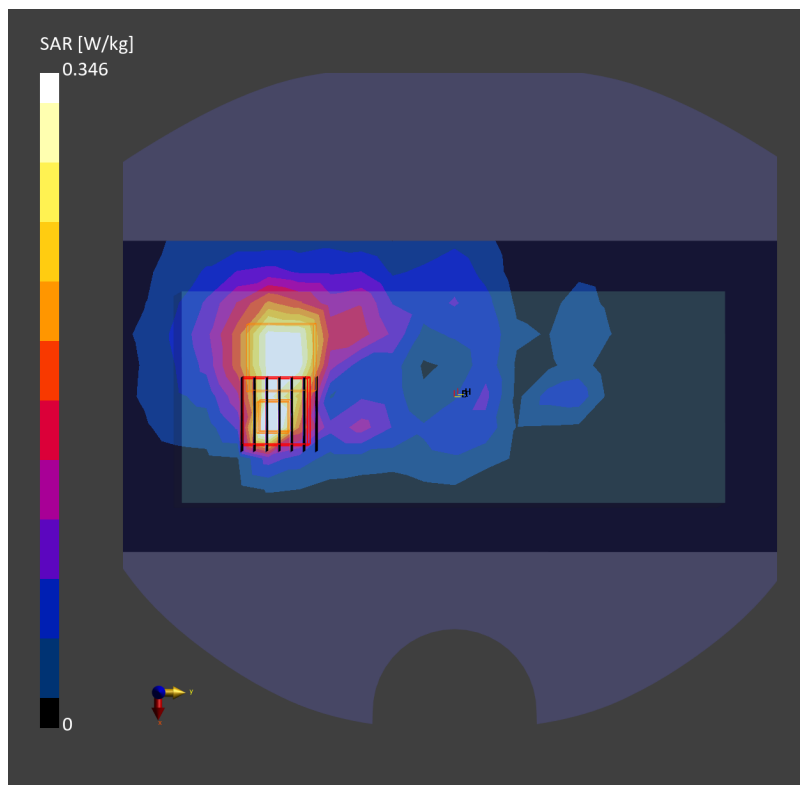
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.16 dB

SAR (1g) = 0.346 W/kg; SAR (10g) = 0.111 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 62.2 %



25_WLAN5GHz_802.11ac-VHT80 MCS0_Left Side_5mm_Ch155

Communication System: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle); Frequency: 5775.0 MHz;

Duty Cycle: 1:1

Medium: HSL Medium parameters used: $f = 5775.0$ MHz; $\sigma = 5.16$ S/m; $\epsilon_r = 35.0$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.47, 5.41, 5.34); Calibrated: 2024-6-3
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1210; Calibrated: 2024-12-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: WLAN, 10544-AAC

Area Scan (100.0 mm x 220.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.386 W/kg; SAR (10g) = 0.145 W/kg;

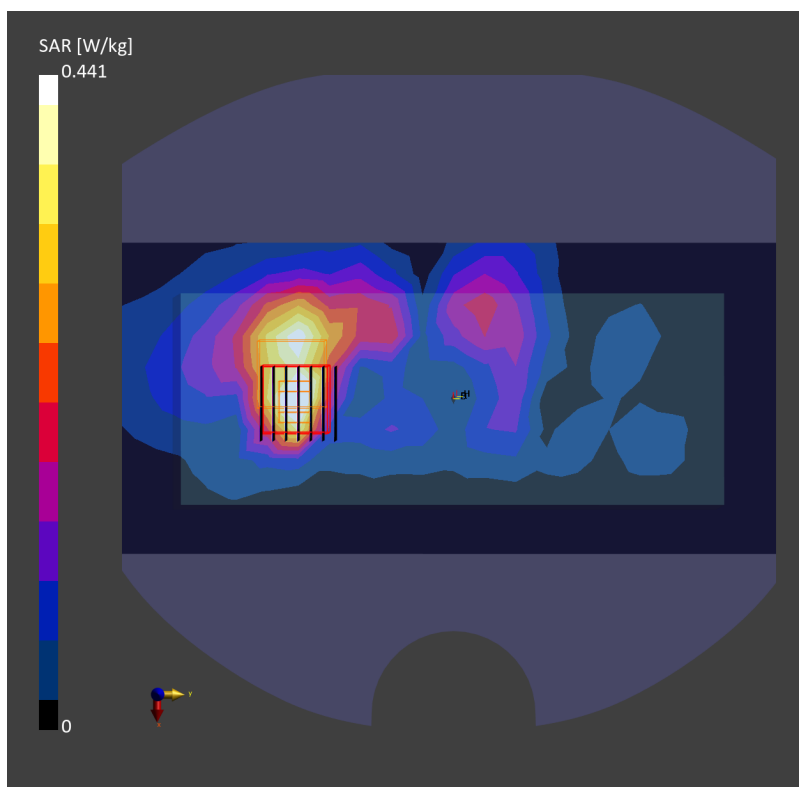
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.12 dB

SAR (1g) = 0.441 W/kg; SAR (10g) = 0.150 W/kg

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 61.7 %



26_Bluetooth_DH5 1Mbps_Left Side_0mm_Ch39

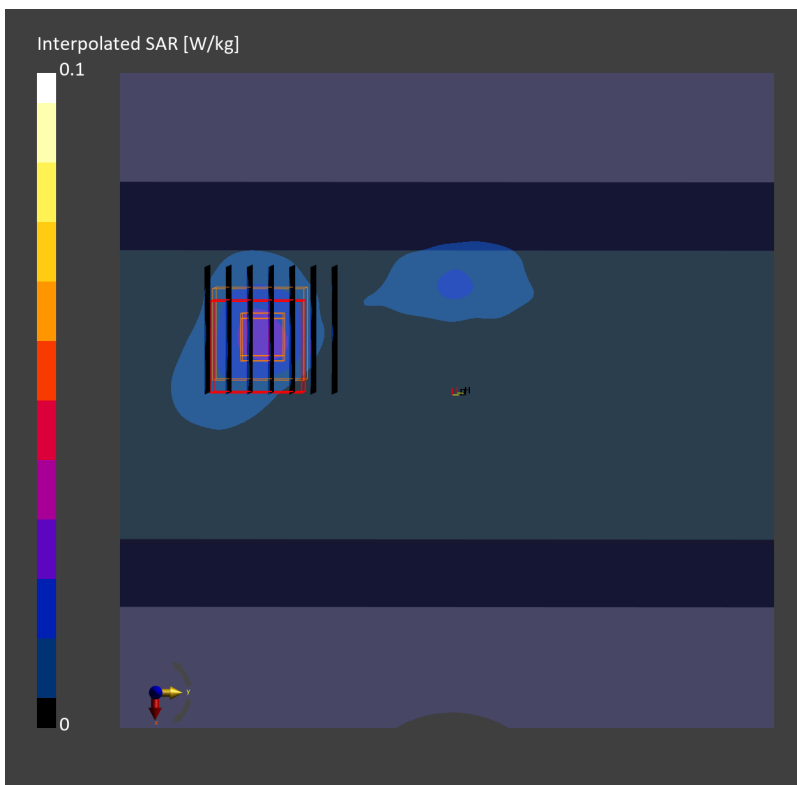
Communication System: IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441.0 MHz; Duty Cycle: 1:1
Medium: HSL Medium parameters used: $f = 2441.0$ MHz; $\sigma = 1.81$ S/m; $\epsilon_r = 39.2$
Ambient Temperature: 23.2°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(7.81, 7.71, 7.62); Calibrated: 2024-6-3
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1210; Calibrated: 2024-12-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: Bluetooth, 10030-CAA

Area Scan (100.0 mm x 220.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.023 W/kg; SAR (10g) = 0.011 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) = 0.025 W/kg; SAR (10g) = 0.010 W/kg
Smallest distance from peaks to all points 3 dB below = 7.0 mm
Ratio of SAR at M2 to SAR at M1 = 89.7 %



27_WLAN2.4GHz_802.11b 1Mbps_Left Side_0mm_Ch6

Communication System: IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps); Frequency: 2437.0 MHz; Duty Cycle: 1:1

Medium: HSL Medium parameters used: $f = 2437.0$ MHz; $\sigma = 1.81$ S/m; $\epsilon_r = 39.2$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(7.81, 7.71, 7.62); Calibrated: 2024-6-3
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1210; Calibrated: 2024-12-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: WLAN, 10012-CAB

Area Scan (100.0 mm x 220.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.568 W/kg; SAR (10g) = 0.238 W/kg;

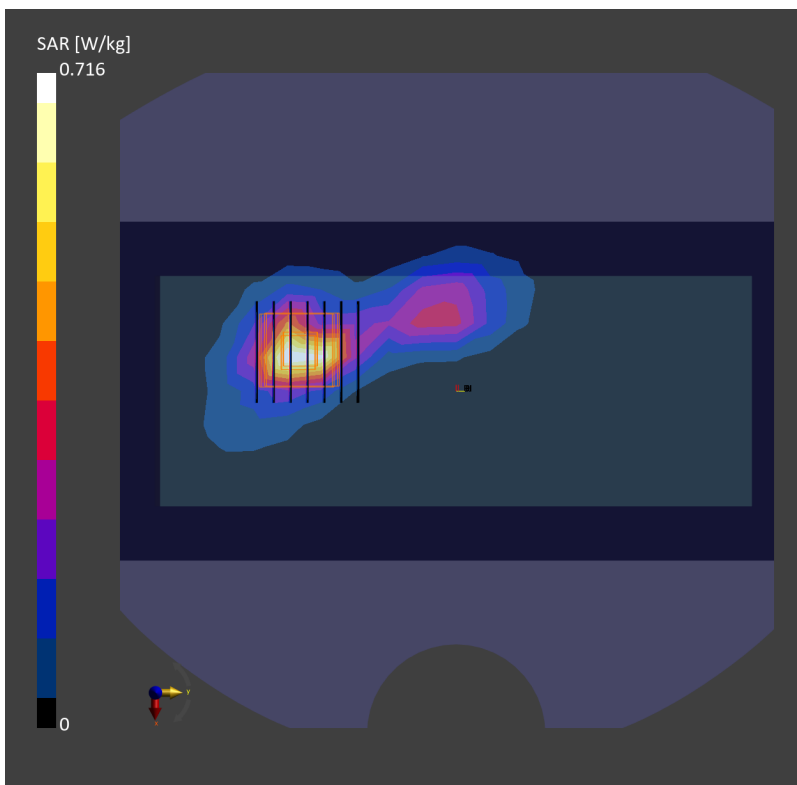
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.12 dB

SAR (1g) = 0.719 W/kg; SAR (10g) = 0.301 W/kg

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 82.0 %



28_WLAN5GHz_802.11ac-VHT160 MCS0_Left Side_0mm_Ch50

Communication System: IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle); Frequency: 5250.0 MHz;

Duty Cycle: 1:1

Medium: HSL Medium parameters used: $f = 5250.0$ MHz; $\sigma = 4.62$ S/m; $\epsilon_r = 35.8$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(6.15, 6.08, 6.01); Calibrated: 2024-6-3
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1210; Calibrated: 2024-12-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: WLAN, 10402-AAE

Area Scan (100.0 mm x 220.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.624 W/kg; SAR (10g) = 0.221 W/kg;

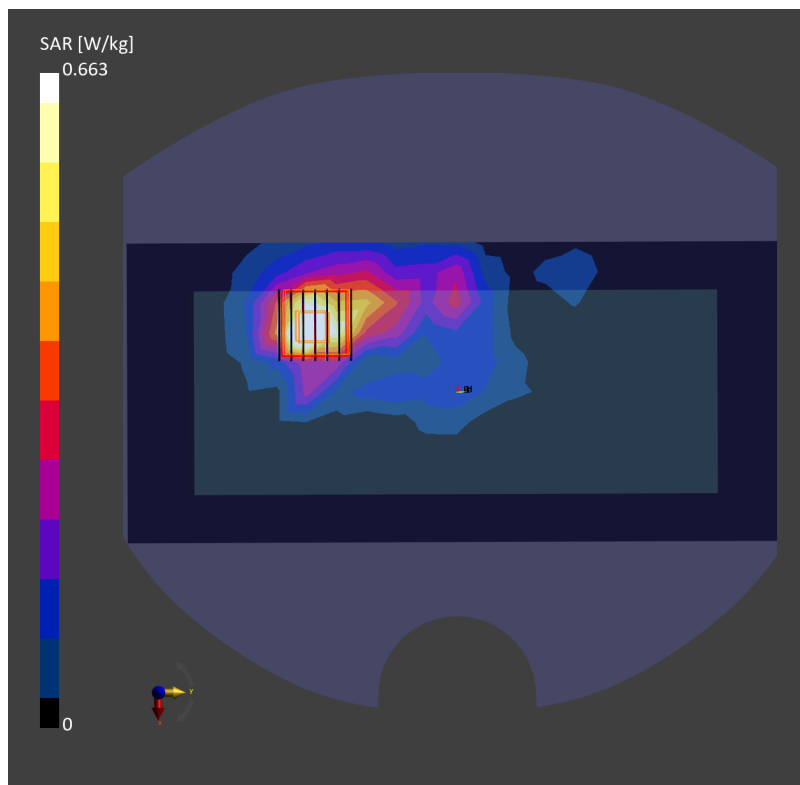
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.12 dB

SAR (1g) = 0.663 W/kg; SAR (10g) = 0.231 W/kg

Smallest distance from peaks to all points 3 dB below = 9.0 mm

Ratio of SAR at M2 to SAR at M1 = 64.6 %



29_WLAN5GHz_802.11ac-VHT80 MCS0_Left Side_0mm_Ch122

Communication System: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle); Frequency: 5610.0

MHz; Duty Cycle: 1:1

Medium: HSL Medium parameters used: $f = 5610.0$ MHz; $\sigma = 4.97$ S/m; $\epsilon_r = 35.3$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.1°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.50, 5.44, 5.37); Calibrated: 2024-6-3

- Sensor-Surface: 1.4 mm

- Electronics: DAE4 Sn1210; Calibrated: 2024-12-17

- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat

- Measurement Software: 16.2.2.1588

- UID: WLAN, 10402-AAE

Area Scan (100.0 mm x 220.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.594 W/kg; SAR (10g) = 0.213 W/kg;

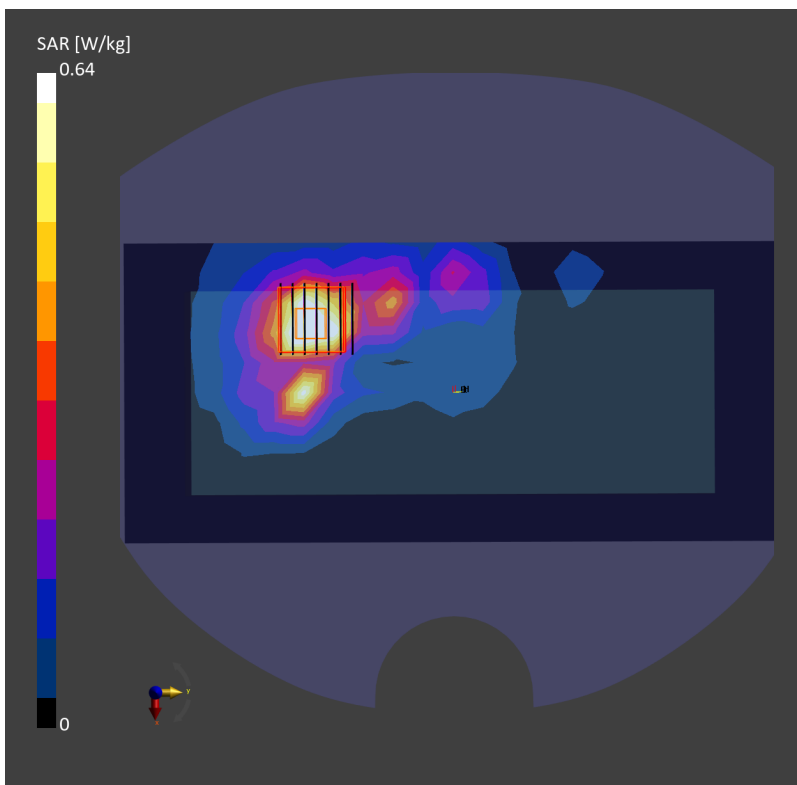
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.02 dB

SAR (1g) = 0.640 W/kg; SAR (10g) = 0.223 W/kg

Smallest distance from peaks to all points 3 dB below = 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 65.1 %



30_WLAN5GHz_802.11ac-VHT80 MCS0_Left Side_0mm_Ch155

Communication System: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle); Frequency: 5775.0 MHz;
Duty Cycle: 1:1

Medium: HSL Medium parameters used: $f = 5775.0$ MHz; $\sigma = 5.16$ S/m; $\epsilon_r = 35.0$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.47, 5.41, 5.34); Calibrated: 2024-6-3
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1210; Calibrated: 2024-12-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: WLAN, 10062-CAD

Area Scan (100.0 mm x 220.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.836 W/kg; SAR (10g) = 0.296 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 = 0.01 dB

SAR (1g) = 0.954 W/kg; SAR (10g) = 0.296 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 64.7 %

