Date: 2025-03-13

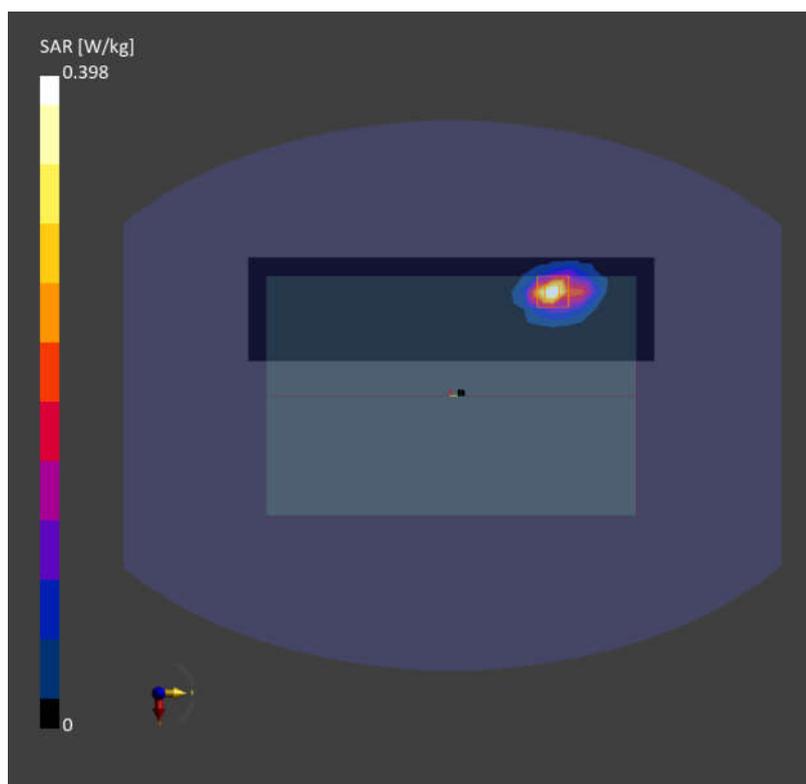## 01_WLAN2.4GHz_802.11b 1Mbps_Bottom Face_0mm_Ch1

Communication System: IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps); Frequency: 2412.000 MHz; Duty Cycle: 1:1
Medium: Head Simulating Liquid Medium parameters used: f= 2412.000 MHz; σ= 1.82 S/m; ε_r = 39.2
Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(7.87, 7.72, 7.8); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2151
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10012-CAB

Area Scan (60.0 mm x 280.0 mm): Measurement Grid: 12.0 mm x 10.0 mm
SAR (1g) = 0.351 W/kg; SAR (10g) = 0.144 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 = 0.09 dB
SAR (1g) = 0.398 W/kg; SAR (10g) = 0.153 W/kg
Smallest distance from peaks to all points 3 dB below = 5.7 mm
Ratio of SAR at M2 to SAR at M1 = 72.5 %

01_WLAN2.4GHz_802.11b 1Mbps_Bottom Face_0mm_Ch1

Date: 2025-03-13

**02_Bluetooth_1Mbps_Bottom Face_0mm_Ch39**

Communication System: IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441.000 MHz; Duty Cycle: 1:1.302
Medium: Head Simulating Liquid Medium parameters used: f= 2441.000 MHz; σ= 1.84 S/m; ε$_r$ = 39.1
Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(7.87, 7.72, 7.8); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2151
- Measurement Software: 16.4.0.5005
- UID: Bluetooth, 10032-CAA

Area Scan (60.0 mm x 280.0 mm): Measurement Grid: 12.0 mm x 10.0 mm
SAR (1g) = 0.296 W/kg; SAR (10g) = 0.122 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 4.6 mm x 4.6 mm x 1.5 mm
Power Drift = 0.01 dB
SAR (1g) = 0.308 W/kg; SAR (10g) = 0.121 W/kg
Smallest distance from peaks to all points 3 dB below = 5.4 mm
Ratio of SAR at M2 to SAR at M1 = 70.3 %

02_Bluetooth_1Mbps_Bottom Face_0mm_Ch39
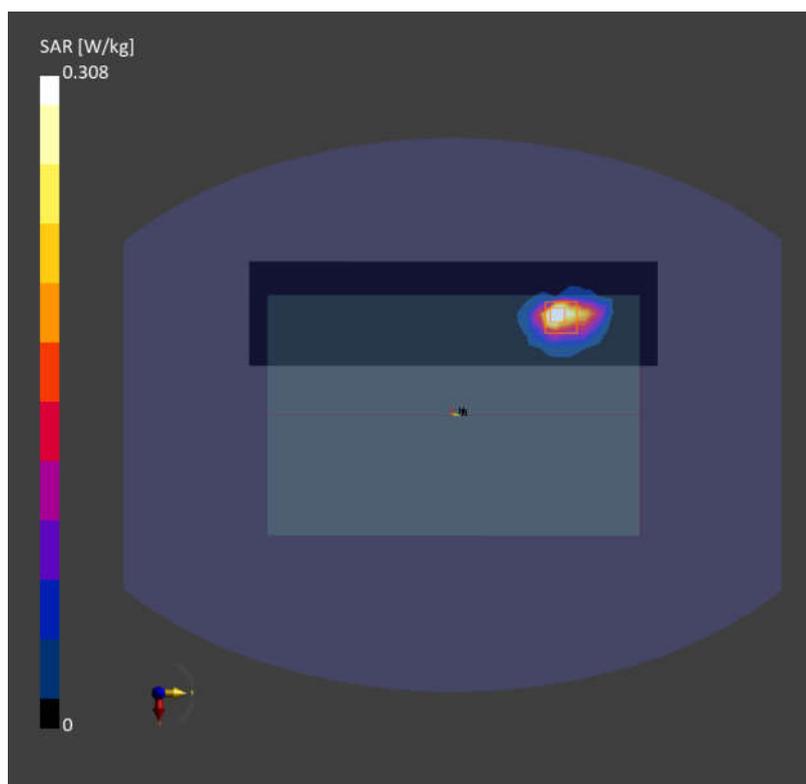
Date: 2025-03-15

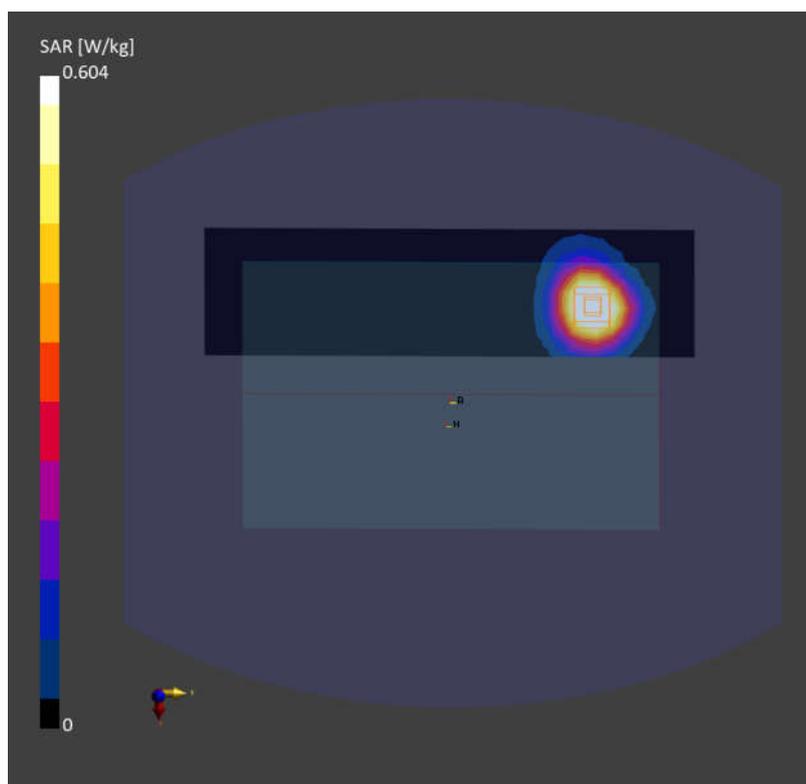## 03_WLAN 5GHz_802.11n-HT40 MCS0_Bottom Face_19mm_Ch54

Communication System: IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle);
Frequency: 5270.000 MHz; Duty Cycle: 1:1.058
Medium: Head Simulating Liquid Medium parameters used: f= 5270.000 MHz; σ= 4.59 S/m; ε_r = 34.9
Ambient Temperature: 23.2°C; Liquid Temperature: 22.8°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(5.98, 5.87, 5.93); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2151
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10599-AAD

Area Scan (70.0 mm x 300.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.602 W/kg; SAR (10g) = 0.262 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) = 0.604 W/kg; SAR (10g) = 0.282 W/kg
Smallest distance from peaks to all points 3 dB below = 17.7 mm
Ratio of SAR at M2 to SAR at M1 = 65.8 %

03_WLAN 5GHz_802.11n-HT40 MCS0_Bottom Face_19mm_Ch54

Date: 2025-03-19

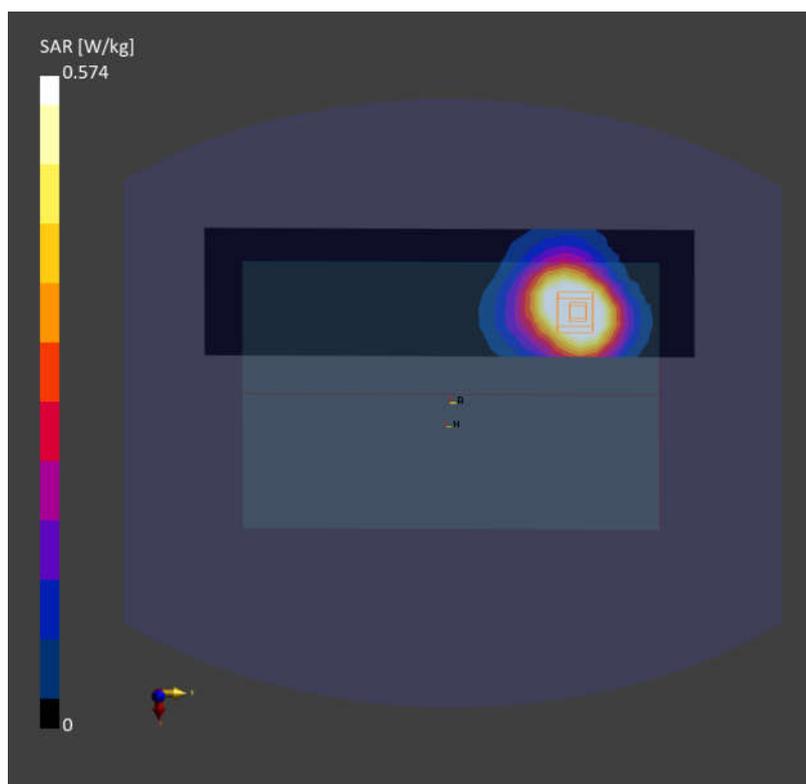## 04_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom Face_19mm_Ch138

Communication System: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle); Frequency: 5690.000 MHz; Duty Cycle: 1:1.112
Medium: Head Simulating Liquid Medium parameters used: f= 5690.000 MHz; σ= 5.05 S/m; ε_r = 34.2
Ambient Temperature: 23.4°C; Liquid Temperature: 22.7°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(5.44, 5.34, 5.4); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2151
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10544-AAD

Area Scan (70.0 mm x 300.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.511 W/kg; SAR (10g) = 0.227 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 = 0.11 dB
SAR (1g) = 0.574 W/kg; SAR (10g) = 0.251 W/kg
Smallest distance from peaks to all points 3 dB below = 17.2 mm
Ratio of SAR at M2 to SAR at M1 = 63.1 %

04_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom Face_19mm_Ch138

Date: 2025-03-19

05_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom Face_19mm_Ch155

Communication System: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle); Frequency: 5775.000 MHz; Duty Cycle: 1:1.112
Medium: Head Simulating Liquid Medium parameters used: f= 5775.000 MHz; σ= 5.15 S/m; ε_r = 35.2
Ambient Temperature: 23.4°C; Liquid Temperature: 22.7°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(5.44, 5.34, 5.4); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2151
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10544-AAD

Area Scan (70.0 mm x 300.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.542 W/kg; SAR (10g) = 0.240 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 = 0.03 dB
SAR (1g) = 0.574 W/kg; SAR (10g) = 0.255 W/kg
Smallest distance from peaks to all points 3 dB below = 20.2 mm
Ratio of SAR at M2 to SAR at M1 = 62.1 %

05_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom Face_19mm_Ch155