Date: 2025-03-10

01_WCDMA V_RMC 12.2Kbps_Bottom Face_0mm_Ch4182

Communication System: UMTS-FDD (DC-HSDPA); Frequency: 836.400 MHz; Duty Cycle: 1:1
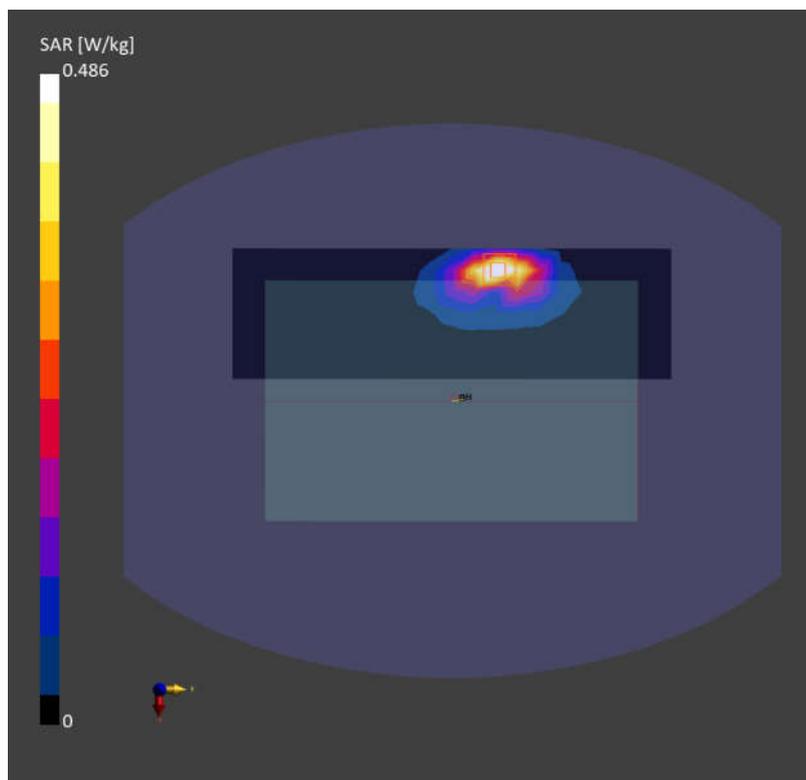Medium: Head Simulating Liquid Medium parameters used: f= 836.400 MHz; σ= 0.949 S/m; $ε_r$ = 42.0
Ambient Temperature: 23.2°C; Liquid Temperature: 22.8°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(9.47, 9.3, 9.4); 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: WCDMA, 10457-AAB

Area Scan (80.0 mm x 300.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.460 W/kg; SAR (10g) = 0.266 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = 0.08 dB
SAR (1g) = 0.486 W/kg; SAR (10g) = 0.235 W/kg
Smallest distance from peaks to all points 3 dB below = 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 70.9 %

01_WCDMA V_RMC 12.2Kbps_Bottom Face_0mm_Ch4182

Date: 2025-03-10

02_LTE Band 5_10M_QPSK_1RB_0Offset_Bottom Face_0mm_Ch20525
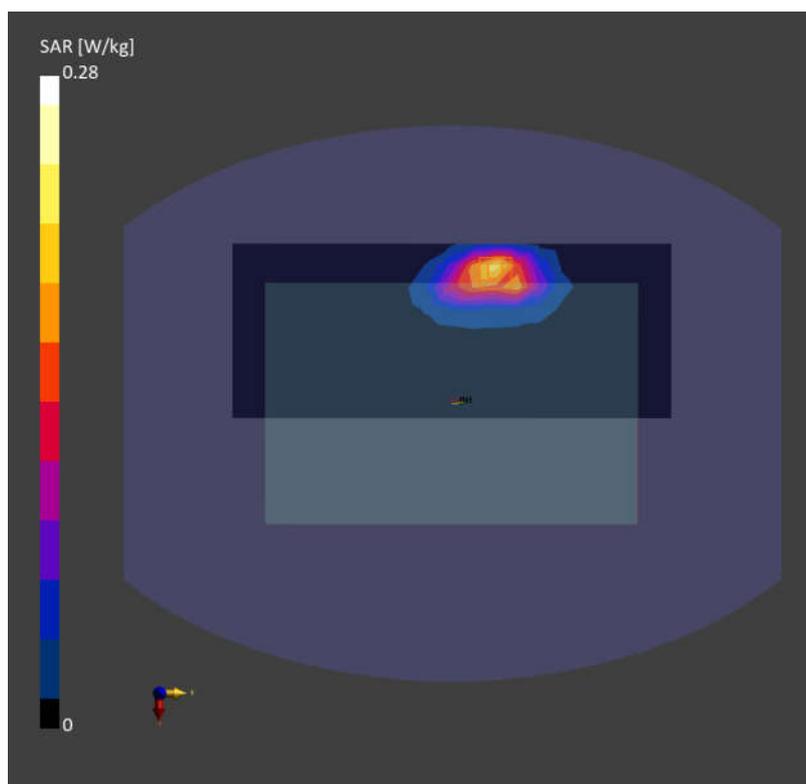
Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid
AntennaCfg:SISO; Frequency: 836.500 MHz; Duty Cycle: 1:1
Medium: Head Simulating Liquid Medium parameters used: f= 836.500 MHz; σ= 0.956 S/m; ε_r = 42.0
Ambient Temperature: 23.2°C; Liquid Temperature: 22.8°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(9.47, 9.3, 9.4); 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: LTE-FDD, 10175-CAH

Area Scan (100.0 mm x 300.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.199 W/kg; SAR (10g) = 0.127 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = 0.01 dB
SAR (1g) = 0.280 W/kg; SAR (10g) = 0.136 W/kg
Smallest distance from peaks to all points 3 dB below = 6.6 mm
Ratio of SAR at M2 to SAR at M1 = 73.1 %

Date: 2025-03-10

03_LTE Band 26_15M_QPSK_1RB_0Offset_Bottom Face_0mm_Ch26865
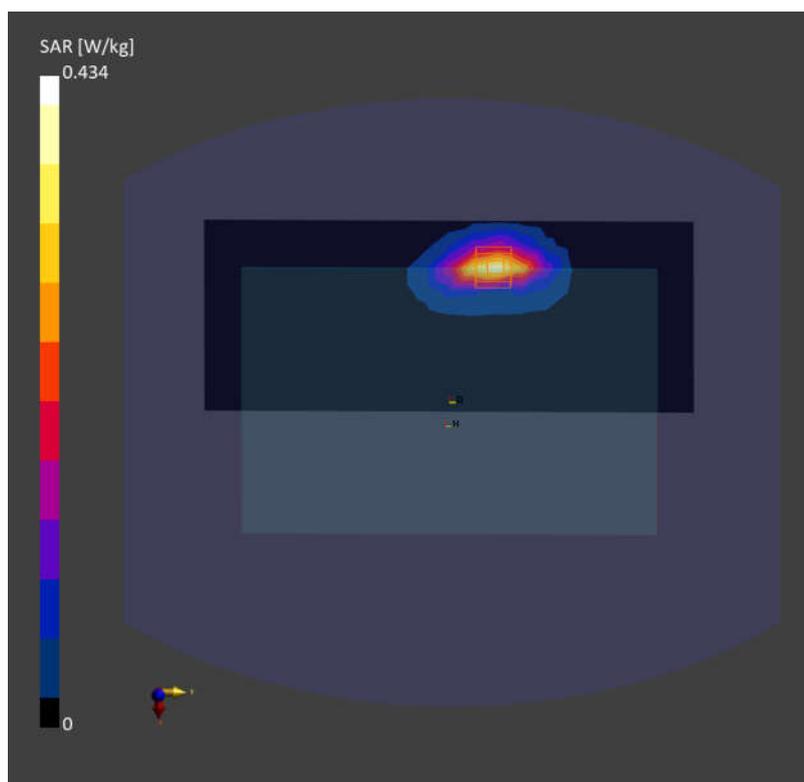
Communication System: LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) RBPosition:Mid
AntennaCfg:SISO; Frequency: 831.500 MHz; Duty Cycle: 1:1
Medium: Head Simulating Liquid Medium parameters used: f= 831.500 MHz; σ= 0.953 S/m; ε_r = 42.0
Ambient Temperature: 23.2°C; Liquid Temperature: 22.8°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(9.47, 9.3, 9.4); 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: LTE-FDD, 10181-CAF

Area Scan (100.0 mm x 300.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.333 W/kg; SAR (10g) = 0.194 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = 0.02 dB
SAR (1g) = 0.434 W/kg; SAR (10g) = 0.211 W/kg
Smallest distance from peaks to all points 3 dB below = 6.0 mm
Ratio of SAR at M2 to SAR at M1 = 71.6 %

Date: 2025-03-10

04_LTE Band 41_20M_QPSK_1RB_0Offset_Bottom Face_0mm_Ch40620
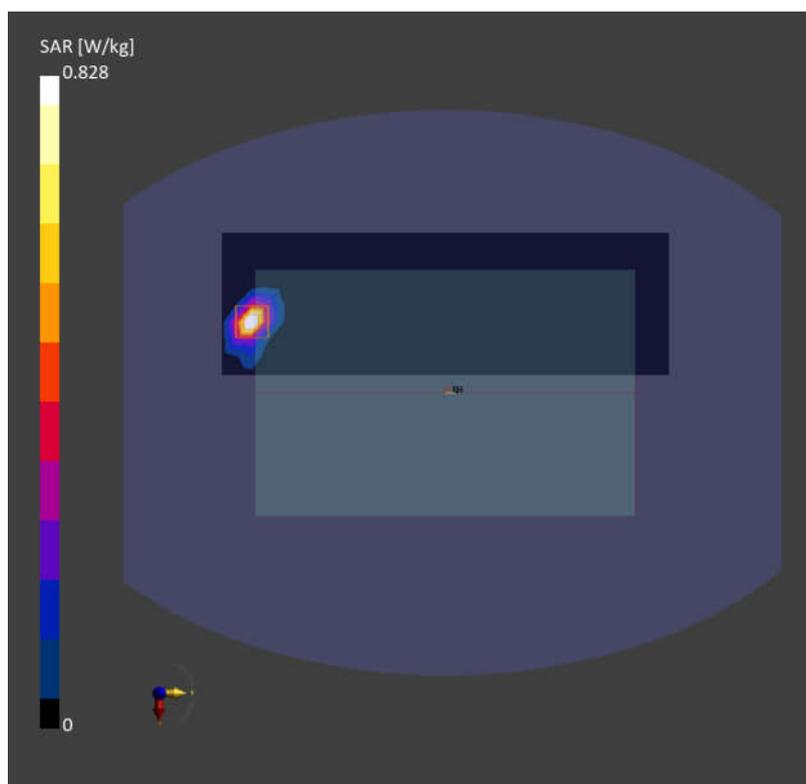
Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid
AntennaCfg:SISO; Frequency: 2593.000 MHz; Duty Cycle: 1:1.59
Medium: Head Simulating Liquid Medium parameters used: f= 2593.000 MHz; σ= 2.01 S/m; ε_r = 40.7
Ambient Temperature: 23.3°C; Liquid Temperature: 22.6°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(7.96, 7.81, 7.89); 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: LTE-TDD, 10172-CAH

Area Scan (80.0 mm x 300.0 mm): Measurement Grid: 12.0 mm x 10.0 mm
SAR (1g) = 0.697 W/kg; SAR (10g) = 0.260 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) = 0.828 W/kg; SAR (10g) = 0.260 W/kg
Smallest distance from peaks to all points 3 dB below = 5.0 mm
Ratio of SAR at M2 to SAR at M1 = 34.2 %

Date: 2025-03-11

## 05_LTE Band 42_20M_QPSK_1RB_0Offset_Edge 3_0mm_Ch42590

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid
AntennaCfg:SISO; Frequency: 3500.000 MHz; Duty Cycle: 1:1.59
Medium: Head Simulating Liquid Medium parameters used: f= 3500.000 MHz; σ= 2.83 S/m; ε_r = 39.1
Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(7.13, 7.0, 7.07); 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: LTE-TDD, 10172-CAH

Area Scan (48.0 mm x 300.0 mm): Measurement Grid: 8.0 mm x 10.0 mm
SAR (1g) = 0.167 W/kg; SAR (10g) = 0.063 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) = 0.185 W/kg; SAR (10g) = 0.064 W/kg
Smallest distance from peaks to all points 3 dB below = 5.9 mm
Ratio of SAR at M2 to SAR at M1 = 70.8 %
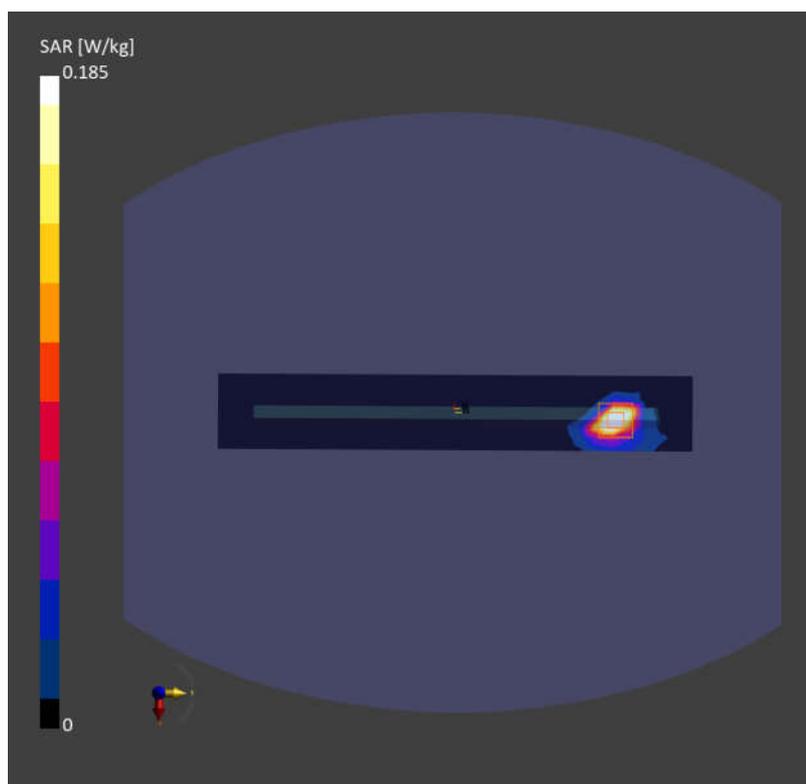
Date: 2025-03-11

**06_FR1 n77 Part 27O HPUE_100M_QPSK_135RB_69Offset_Bottom Face_0mm_Ch656000**

Communication System: 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)
RBPosition:Mid AntennaCfg:SISO; Frequency: 3840.000 MHz; Duty Cycle: 1:2
Medium: Head Simulating Liquid Medium parameters used: f= 3840.000 MHz; σ= 3.24 S/m; ε_r = 38.4
Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(6.97, 6.83, 6.91); 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: 5G NR FR1 TDD, 10917-AAD

Area Scan (80.0 mm x 300.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.656 W/kg; SAR (10g) = 0.219 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 = 0.01 dB
SAR (1g) = 0.781 W/kg; SAR (10g) = 0.230 W/kg
Smallest distance from peaks to all points 3 dB below = 5.4 mm
Ratio of SAR at M2 to SAR at M1 = 67.5 %

06_FR1 n77 Part 27O HPUE_100M_QPSK_135RB_69Offset_Bottom Face_0mm_Ch656000
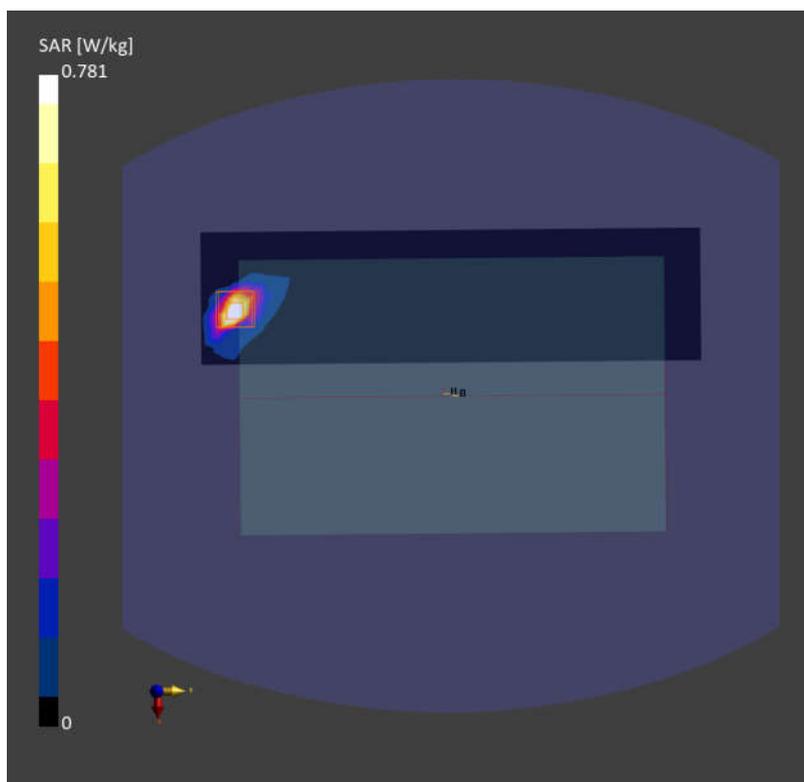
Date: 2025-03-12

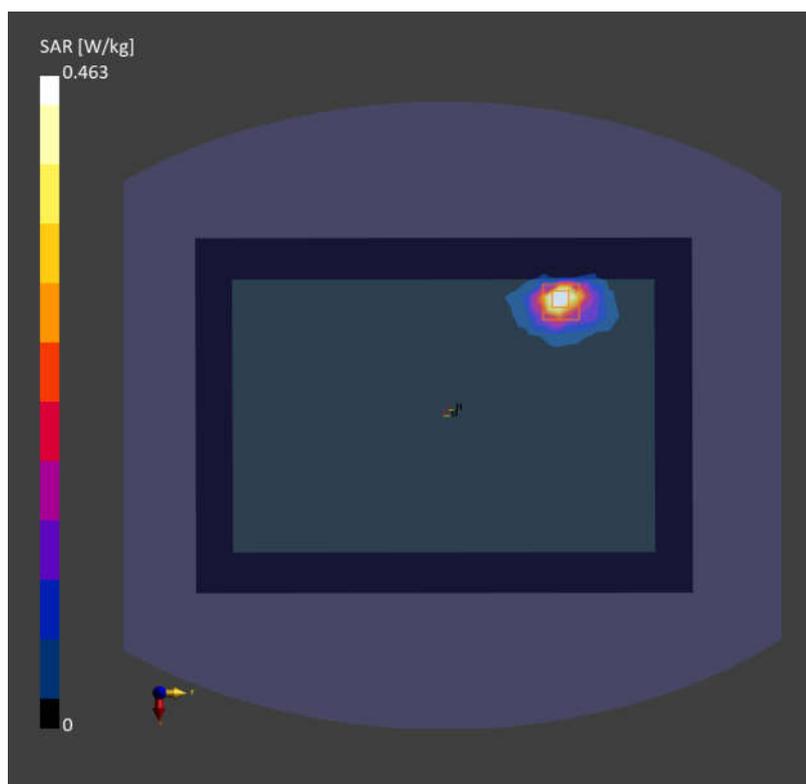### 07_WLAN2.4GHz_802.11b 1Mbps_Bottom Face_0mm_Ch1

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: 22.9°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 (216.0 mm x 300.0 mm): Measurement Grid: 12.0 mm x 10.0 mm
SAR (1g) = 0.434 W/kg; SAR (10g) = 0.176 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) = 0.463 W/kg; SAR (10g) = 0.169 W/kg
Smallest distance from peaks to all points 3 dB below = 5.2 mm
Ratio of SAR at M2 to SAR at M1 = 70.9 %

07_WLAN2.4GHz_802.11b 1Mbps_Bottom Face_0mm_Ch1

Date: 2025-03-12

### 08_Bluetooth_1Mbps_Bottom Face_0mm_Ch78

Communication System: IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2480.000 MHz; Duty Cycle: 1:1.302
Medium: Head Simulating Liquid Medium parameters used: f= 2480.000 MHz; σ= 1.84 S/m; ε_r = 39.1
Ambient Temperature: 23.2°C; Liquid Temperature: 22.9°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 (100.0 mm x 300.0 mm): Measurement Grid: 12.0 mm x 10.0 mm
SAR (1g) = 0.302 W/kg; SAR (10g) = 0.128 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 = -0.06 dB
SAR (1g) = 0.347 W/kg; SAR (10g) = 0.127 W/kg
Smallest distance from peaks to all points 3 dB below = 6.0 mm
Ratio of SAR at M2 to SAR at M1 = 70.6 %
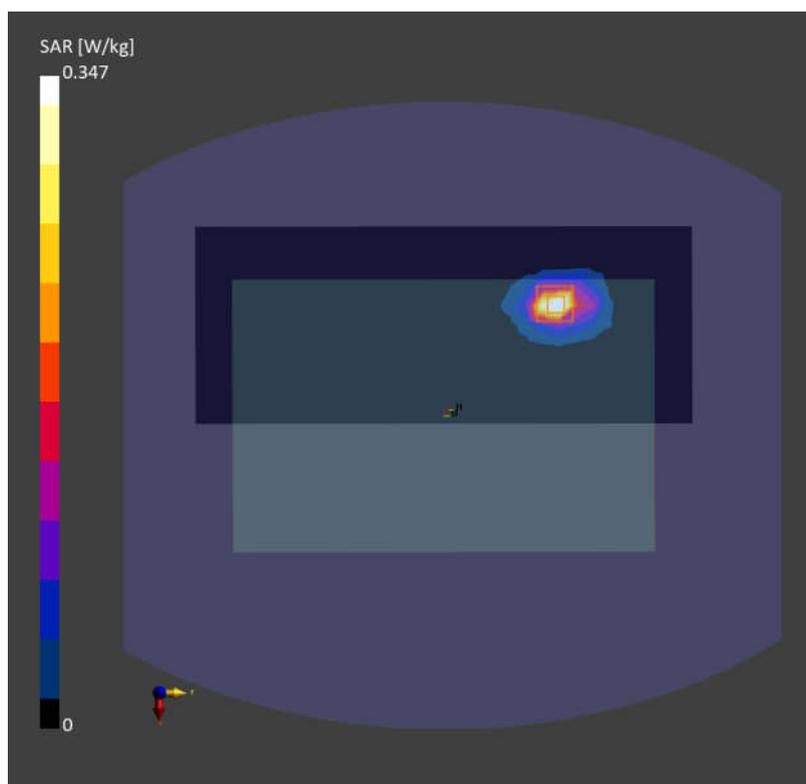
Date: 2025-03-12
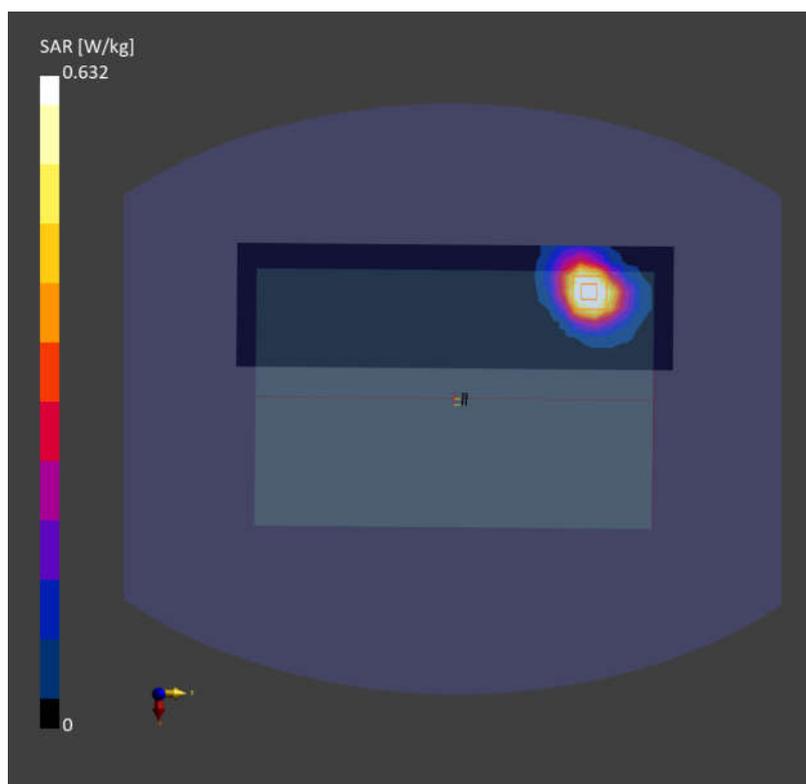
09_WLAN5GHz_802.11n-HT40 MCS0_Bottom Face_19mm_Ch54

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= 4.64 S/m; ε_r = 36.6
Ambient Temperature: 23.1°C; Liquid Temperature: 22.7°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 280.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.619 W/kg; SAR (10g) = 0.256 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 = 0.01 dB
SAR (1g) = 0.632 W/kg; SAR (10g) = 0.269 W/kg
Smallest distance from peaks to all points 3 dB below = 13.6 mm
Ratio of SAR at M2 to SAR at M1 = 64.2 %

09_WLAN5GHz_802.11n-HT40 MCS0_Bottom Face_19mm_Ch54

Date: 2025-03-12

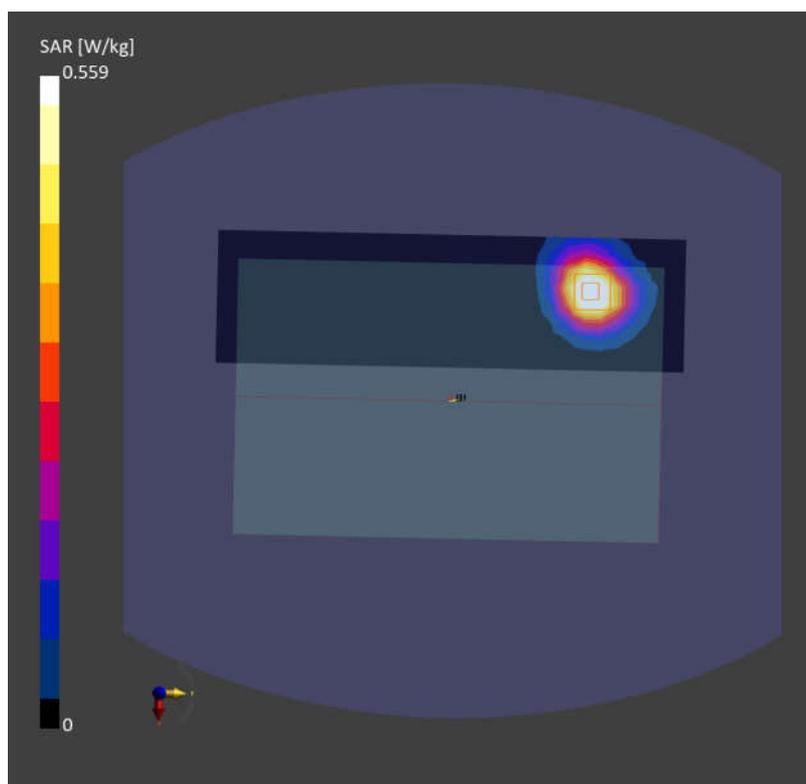## 10_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom Face_19mm_Ch138

Communication System: IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle); Frequency: 5690.000 MHz; Duty Cycle: 1:1.112
Medium: Head Simulating Liquid Medium parameters used: f= 5690.000 MHz; σ= 5.10 S/m; ε_r = 35.8
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, 10626-AAD

Area Scan (70.0 mm x 280.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.620 W/kg; SAR (10g) = 0.255 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 = 0.01 dB
SAR (1g) = 0.559 W/kg; SAR (10g) = 0.258 W/kg
Smallest distance from peaks to all points 3 dB below = 14.2 mm
Ratio of SAR at M2 to SAR at M1 = 62.4 %

10_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom Face_19mm_Ch138

Date: 2025-03-12

11_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom Face_19mm_Ch155

Communication System: IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle); Frequency: 5775.000 MHz; Duty Cycle: 1:1.112
Medium: Head Simulating Liquid Medium parameters used: f= 5775.000 MHz; σ= 5.23 S/m; ε$_r$ = 35.6
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, 10626-AAD

Area Scan (70.0 mm x 280.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.517 W/kg; SAR (10g) = 0.212 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) = 0.560 W/kg; SAR (10g) = 0.231 W/kg
Smallest distance from peaks to all points 3 dB below = 14.9 mm
Ratio of SAR at M2 to SAR at M1 = 59.9 %