

ANNEX B: Test Plots

ULL 1M

Test Laboratory: Audix SAR Lab

Date: 12/03/2025

CH0(2402MHz Back)

DUT: Dongle M/N:YY2988

Communication System: UID 0, Blue Tooth (0); Communication System Band: Mid;

Frequency: 2402 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2402 \text{ MHz}$; $\sigma = 1.828 \text{ S/m}$; $\epsilon_r = 38.913$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.6, 7.6, 7.6); Calibrated: 01/08/2024;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH0(2402MHz Back)/Area Scan (61x81x1): Interpolated grid:

$dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0492 W/kg

Configuration/CH0(2402MHz Back)/Zoom Scan (5x5x7)/Cube 0: Measurement

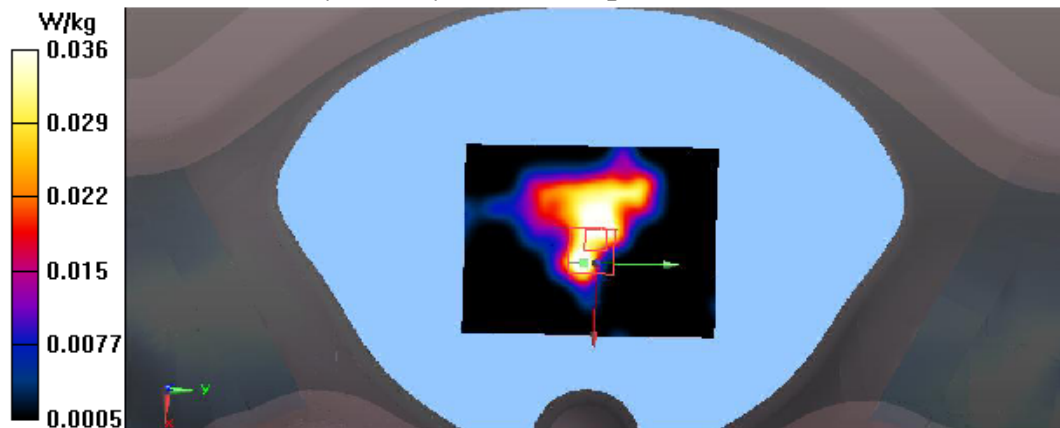
grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.695 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.0630 W/kg

SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.010 W/kg

Maximum value of SAR (measured) = 0.0364 W/kg



Test Laboratory: Audix SAR Lab

Date: 12/03/2025

CH0(2402MHz Front)

DUT: Dongle M/N:YY2988

Communication System: UID 0, Blue Tooth (0); Communication System Band: Mid;

Frequency: 2402 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2402 \text{ MHz}$; $\sigma = 1.828 \text{ S/m}$; $\epsilon_r = 38.913$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.6, 7.6, 7.6); Calibrated: 01/08/2024;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH0(2402MHz Front)/Area Scan (61x81x1): Interpolated grid:

$dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.160 W/kg

Configuration/CH0(2402MHz Front)/Zoom Scan (5x5x7)/Cube 0:

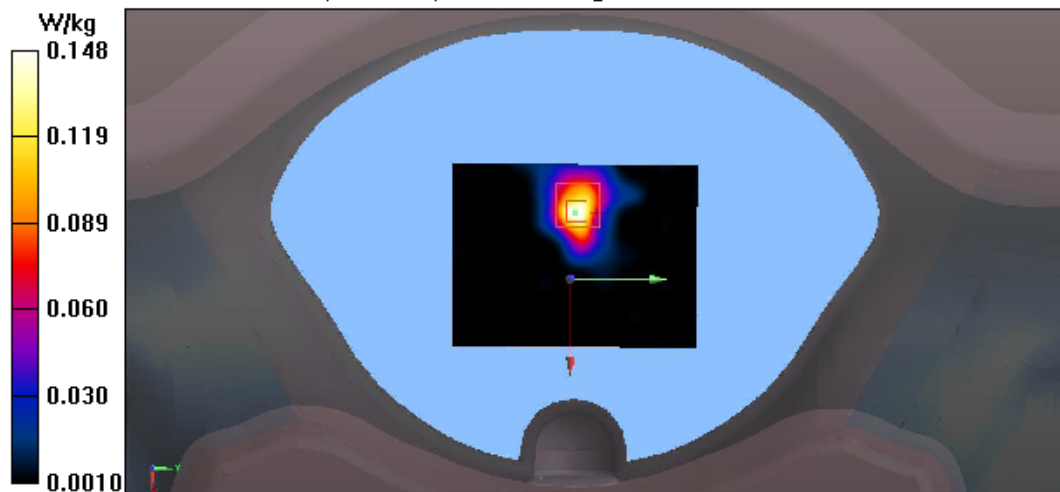
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.073 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.047 W/kg

Maximum value of SAR (measured) = 0.148 W/kg



Test Laboratory: Audix SAR Lab

Date: 12/03/2025

CH0(2402MHz Left)

DUT: Dongle M/N:YY2988

Communication System: UID 0, Blue Tooth (0); Communication System Band: Mid;

Frequency: 2402 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2402 \text{ MHz}$; $\sigma = 1.828 \text{ S/m}$; $\epsilon_r = 38.913$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.6, 7.6, 7.6); Calibrated: 01/08/2024;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH0(2402MHz Left)/Area Scan (61x81x1): Interpolated grid:

$dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0883 W/kg

Configuration/CH0(2402MHz Left)/Zoom Scan (5x5x7)/Cube 0: Measurement

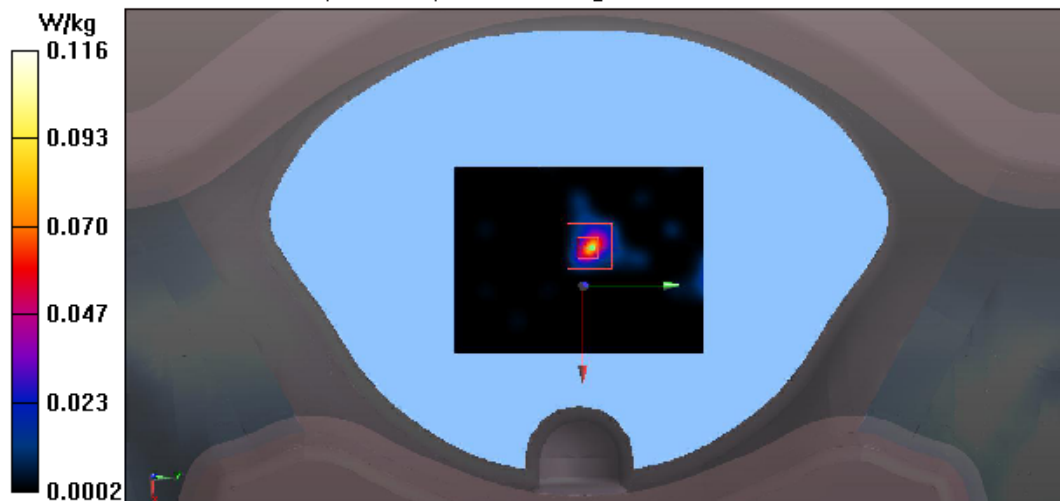
grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.823 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.176 W/kg

SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.116 W/kg



Test Laboratory: Audix SAR Lab

Date: 12/03/2025

CH19(2440MHz Front)

DUT: Dongle M/N:YY2988

Communication System: UID 0, Blue Tooth (0); Communication System Band: Mid;

Frequency: 2440 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2440 \text{ MHz}$; $\sigma = 1.876 \text{ S/m}$; $\epsilon_r = 38.738$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.6, 7.6, 7.6); Calibrated: 01/08/2024;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH19(2440MHz Front)/Area Scan (61x81x1): Interpolated grid:

$dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.181 W/kg

Configuration/CH19(2440MHz Front)/Zoom Scan (5x5x7)/Cube 0:

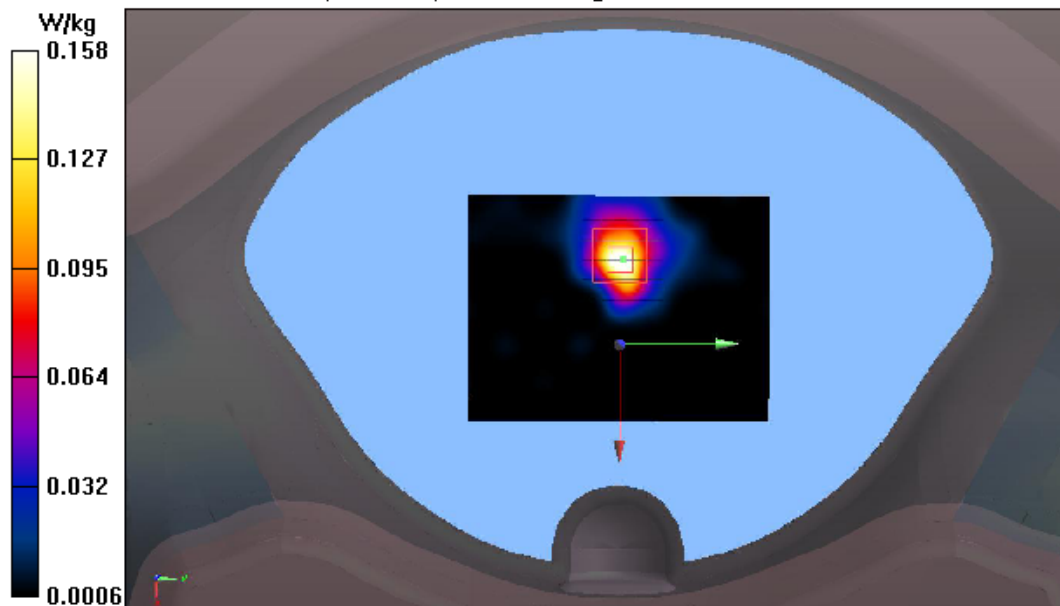
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.278 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.283 W/kg

SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.072 W/kg

Maximum value of SAR (measured) = 0.158 W/kg



Test Laboratory: Audix SAR Lab

Date: 12/03/2025

CH39(2480MHz Front)

DUT: Dongle M/N:YY2988

Communication System: UID 0, Blue Tooth (0); Communication System Band: Mid;

Frequency: 2480 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2480 \text{ MHz}$; $\sigma = 1.917 \text{ S/m}$; $\epsilon_r = 38.579$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.6, 7.6, 7.6); Calibrated: 01/08/2024;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH39(2480MHz Front)/Area Scan (61x81x1): Interpolated grid:

$dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.178 W/kg

Configuration/CH39(2480MHz Front)/Zoom Scan (5x5x7)/Cube 0:

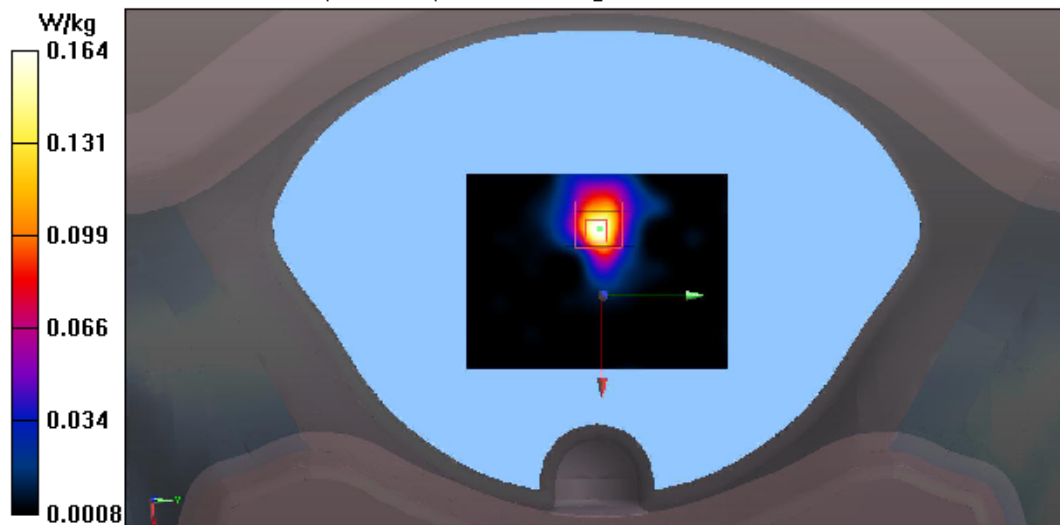
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.350 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.771 W/kg

SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.164 W/kg



ULL 2M

Test Laboratory: Audix SAR Lab

Date: 12/03/2025

CH1(2404MHz Back)

DUT: Dongle M/N:YY2988

Communication System: UID 0, Blue Tooth (0); Communication System Band: Mid;
Frequency: 2404 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2404 \text{ MHz}$; $\sigma = 1.83 \text{ S/m}$; $\epsilon_r = 38.892$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.6, 7.6, 7.6); Calibrated: 01/08/2024;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH1(2404MHz Back)/Area Scan (61x81x1): Interpolated grid:

$dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0826 W/kg

Configuration/CH1(2404MHz Back)/Zoom Scan (5x5x7)/Cube 0: Measurement

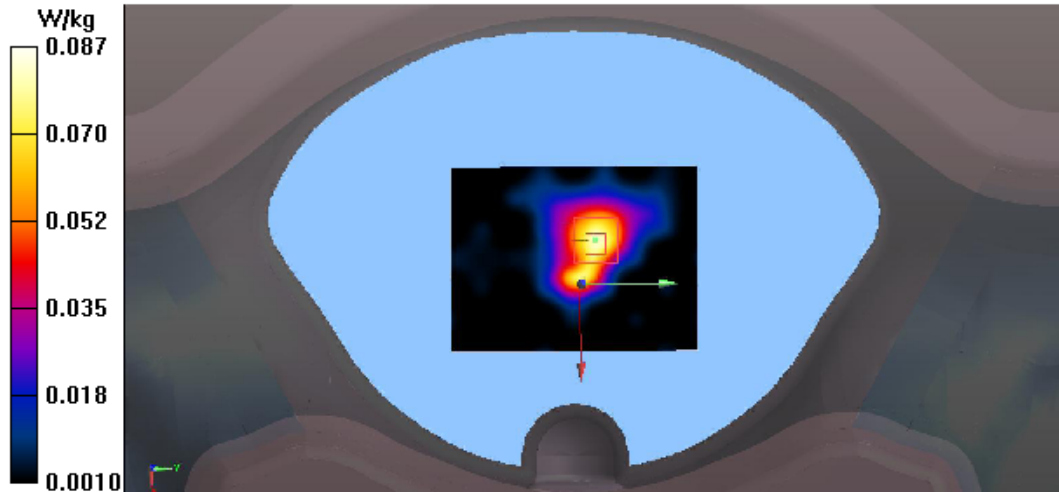
grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.594 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.292 W/kg

SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.030 W/kg

Maximum value of SAR (measured) = 0.0867 W/kg



Test Laboratory: Audix SAR Lab

Date: 12/03/2025

CH1(2404MHz Front)

DUT: Dongle M/N:YY2988

Communication System: UID 0, Blue Tooth (0); Communication System Band: Mid;

Frequency: 2404 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2404 \text{ MHz}$; $\sigma = 1.83 \text{ S/m}$; $\epsilon_r = 38.892$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.6, 7.6, 7.6); Calibrated: 01/08/2024;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH1(2404MHz Front)/Area Scan (61x81x1): Interpolated grid:

$dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.158 W/kg

Configuration/CH1(2404MHz Front)/Zoom Scan (5x5x7)/Cube 0:

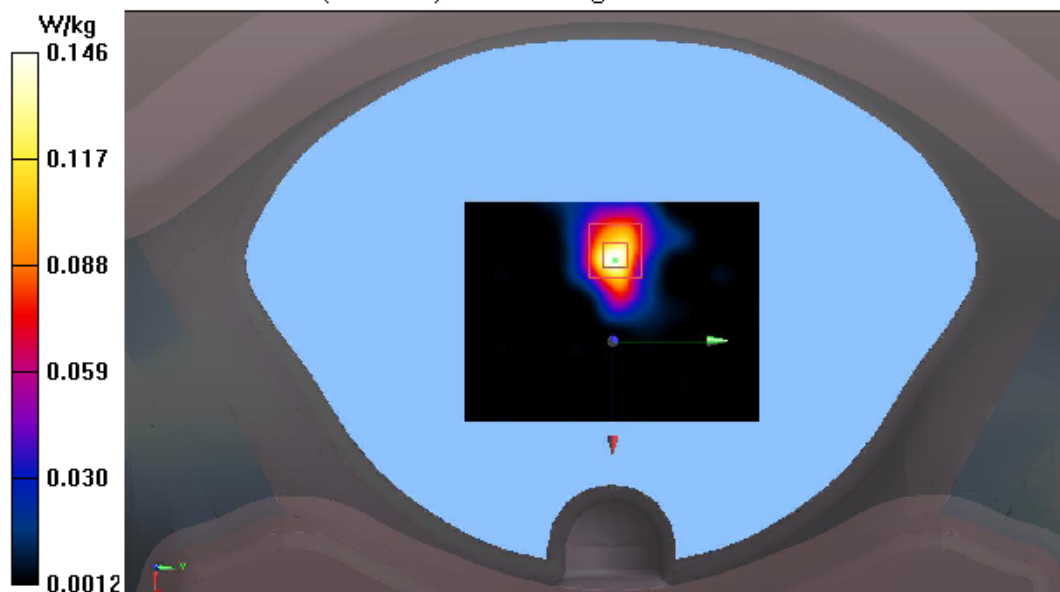
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.015 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.260 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (measured) = 0.146 W/kg



Test Laboratory: Audix SAR Lab

Date: 12/03/2025

CH1(2404MHz Left)

DUT: Dongle M/N:YY2988

Communication System: UID 0, Blue Tooth (0); Communication System Band: Mid;

Frequency: 2404 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2404 \text{ MHz}$; $\sigma = 1.83 \text{ S/m}$; $\epsilon_r = 38.892$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.6, 7.6, 7.6); Calibrated: 01/08/2024;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH1(2404MHz Left)/Area Scan (61x81x1): Interpolated grid:

$dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.142 W/kg

Configuration/CH1(2404MHz Left)/Zoom Scan (5x5x7)/Cube 0: Measurement

grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.163 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.209 W/kg

SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.145 W/kg



Test Laboratory: Audix SAR Lab

Date: 12/03/2025

CH19(2440MHz Front)

DUT: Dongle M/N:YY2988

Communication System: UID 0, Blue Tooth (0); Communication System Band: Mid;

Frequency: 2440 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2440 \text{ MHz}$; $\sigma = 1.876 \text{ S/m}$; $\epsilon_r = 38.738$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.6, 7.6, 7.6); Calibrated: 01/08/2024;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH19(2440MHz Front)/Area Scan (61x81x1): Interpolated grid:

$dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.164 W/kg

Configuration/CH19(2440MHz Front)/Zoom Scan (5x5x7)/Cube 0:

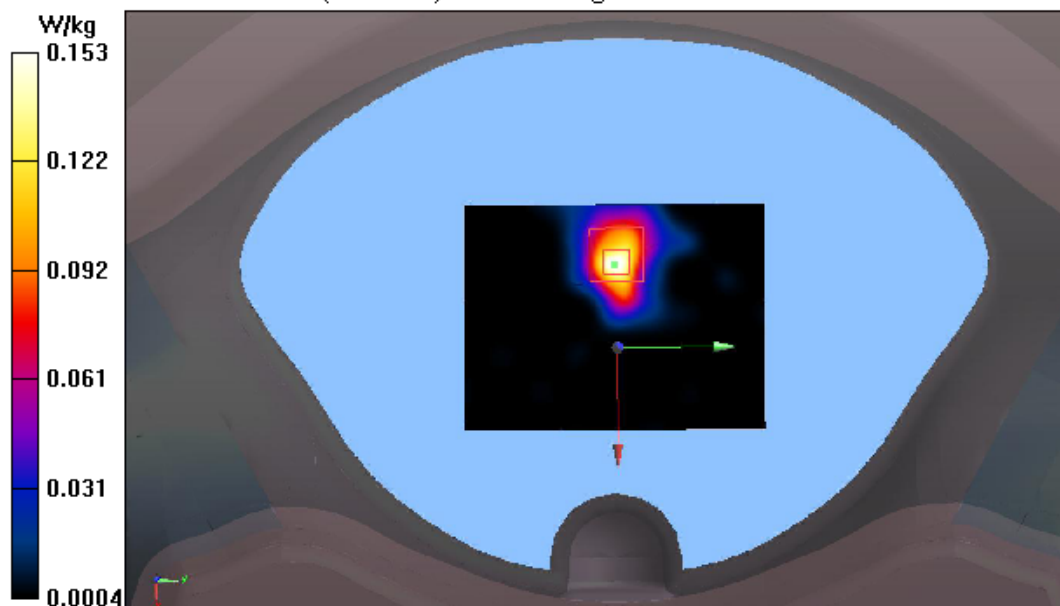
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.064 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.262 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.048 W/kg

Maximum value of SAR (measured) = 0.153 W/kg



Test Laboratory: Audix SAR Lab

Date: 12/03/2025

CH38(2478MHz Front)

DUT: Dongle M/N:YY2988

Communication System: UID 0, Blue Tooth (0); Communication System Band: Mid;

Frequency: 2478 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2478 \text{ MHz}$; $\sigma = 1.915 \text{ S/m}$; $\epsilon_r = 38.59$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.6, 7.6, 7.6); Calibrated: 01/08/2024;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH38(2478MHz Front)/Area Scan (61x81x1): Interpolated grid:

$dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.175 W/kg

Configuration/CH38(2478MHz Front)/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.114 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.278 W/kg

SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.051 W/kg

Maximum value of SAR (measured) = 0.159 W/kg

