

Plot 1#: 2.4G WIFI Mid_Face Up_Chain 0**DUT: WD5 Industrial Smartwatch; Type: NLS-WD5; Serial: 2UC5-1**

Communication System: UID 0, 802.11 b(0); Frequency: 2437 MHz; Duty Cycle: 1:1.003

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.765$ S/m; $\epsilon_r = 40.289$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.05, 7.92, 7.22) @ 2437 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2024/3/27
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.346 W/kg

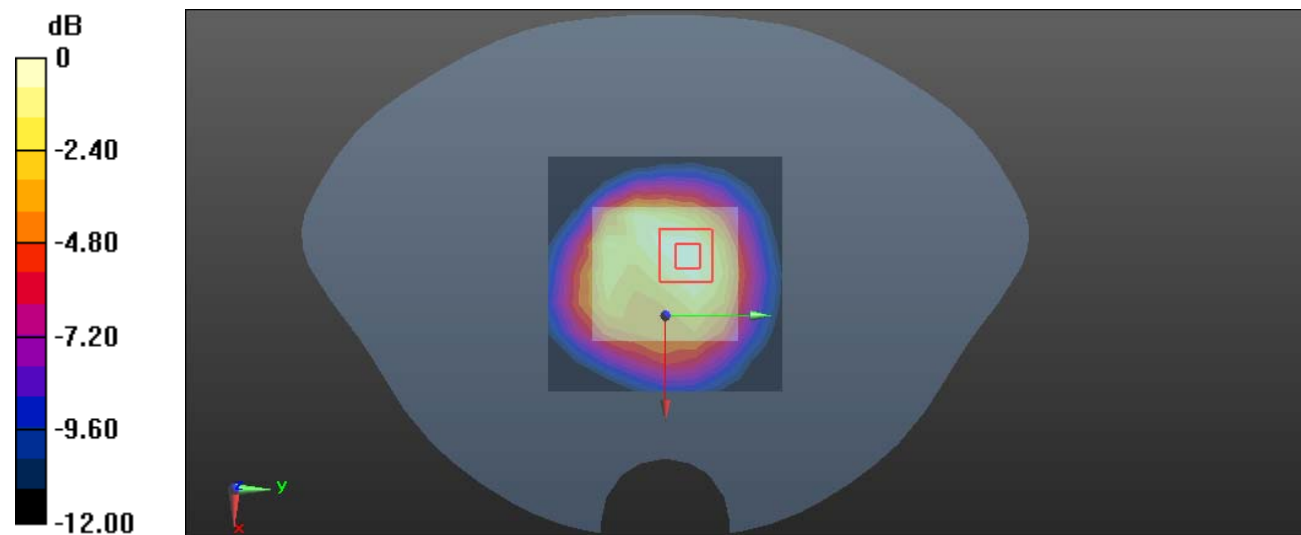
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.15 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.449 W/kg

SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.133 W/kg

Maximum value of SAR (measured) = 0.374 W/kg



0 dB = 0.374 W/kg = -4.27 dBW/kg

Plot 2#: 2.4G WIFI Mid _ Limb Worn Back_Chain 0**DUT: WD5 Industrial Smartwatch; Type: NLS-WD5; Serial: 2UC5-1**

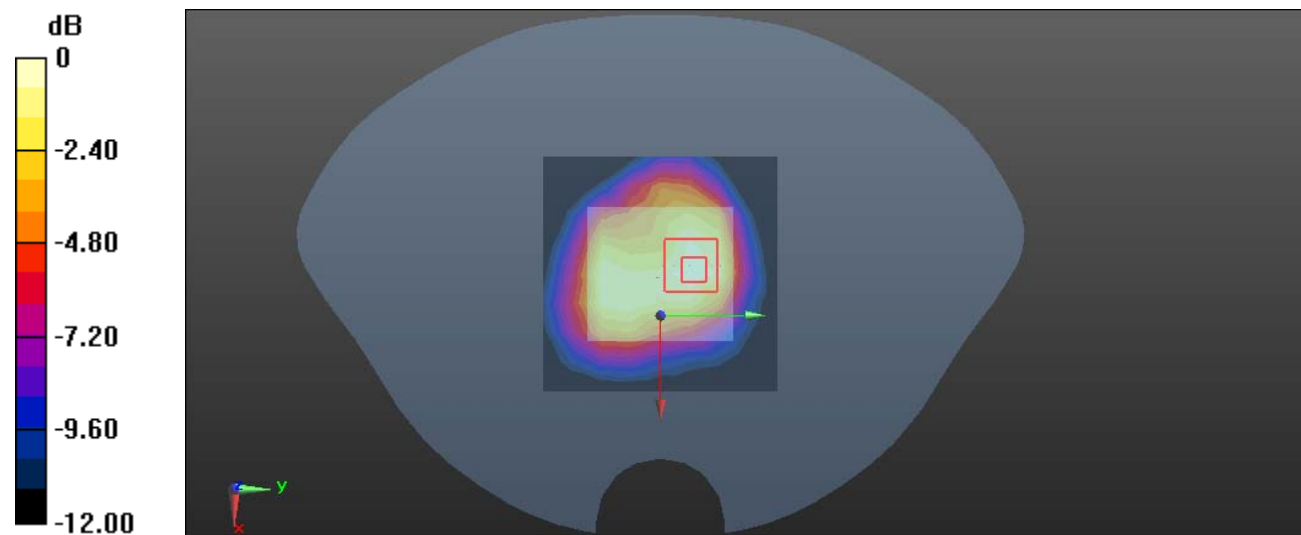
Communication System: UID 0, 802.11 b(0); Frequency: 2437 MHz; Duty Cycle: 1:1.003

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.765 \text{ S/m}$; $\epsilon_r = 40.289$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.05, 7.92, 7.22) @ 2437 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2024/3/27
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (9x9x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$ Maximum value of SAR (measured) = 0.388 W/kg **Zoom Scan (7x8x7)/Cube 0:** Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$ Reference Value = 13.03 V/m ; Power Drift = -0.11 dB Peak SAR (extrapolated) = 0.454 W/kg **SAR(1 g) = 0.256 W/kg ; SAR(10 g) = 0.140 W/kg** Maximum value of SAR (measured) = 0.385 W/kg  $0 \text{ dB} = 0.385 \text{ W/kg} = -4.15 \text{ dBW/kg}$

Plot 3#: 2.4G WIFI Mid _ Face Up_Chain 1**DUT: WD5 Industrial Smartwatch; Type: NLS-WD5; Serial: 2UC5-1**

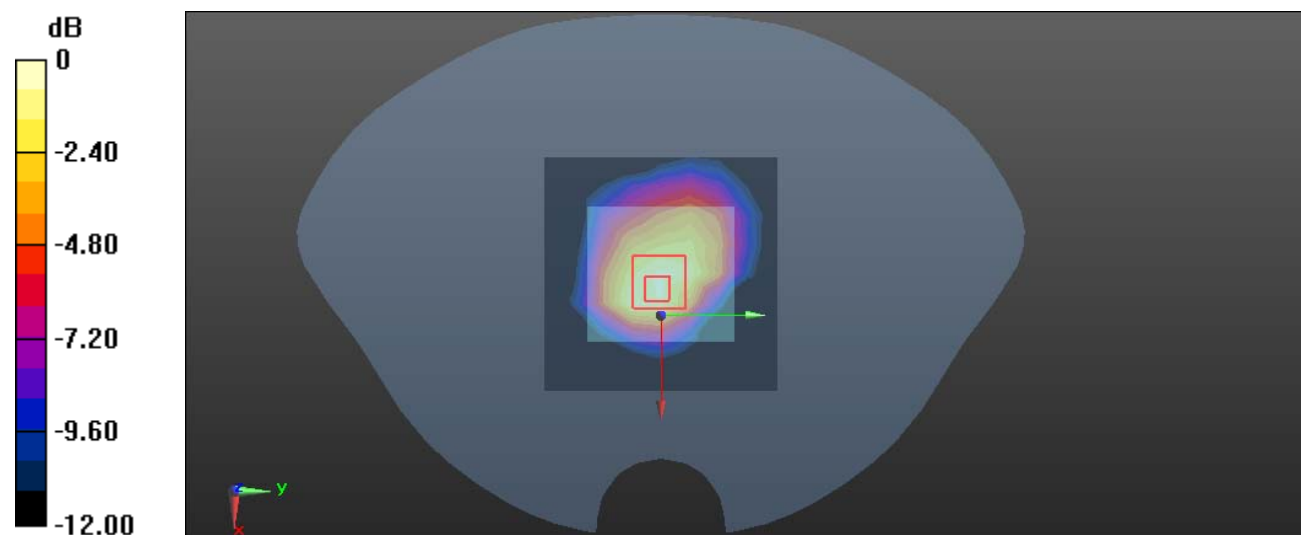
Communication System: UID 0, 802.11 b(0); Frequency: 2437 MHz; Duty Cycle: 1:1.003

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.765 \text{ S/m}$; $\epsilon_r = 40.289$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.05, 7.92, 7.22) @ 2437 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2024/3/27
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (9x9x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$ Maximum value of SAR (measured) = 0.108 W/kg **Zoom Scan (8x8x7)/Cube 0:** Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$ Reference Value = 8.553 V/m ; Power Drift = -0.16 dB Peak SAR (extrapolated) = 0.148 W/kg **SAR(1 g) = 0.080 W/kg ; SAR(10 g) = 0.043 W/kg** Maximum value of SAR (measured) = 0.120 W/kg  $0 \text{ dB} = 0.120 \text{ W/kg} = -9.21 \text{ dBW/kg}$

Plot 4#: 2.4G WIFI Mid _ Limb Worn Back_Chain 1**DUT: WD5 Industrial Smartwatch; Type: NLS-WD5; Serial: 2UC5-1**

Communication System: UID 0, 802.11 b(0); Frequency: 2437 MHz; Duty Cycle: 1:1.003

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.765$ S/m; $\epsilon_r = 40.289$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(7.05, 7.92, 7.22) @ 2437 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2024/3/27
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.186 W/kg

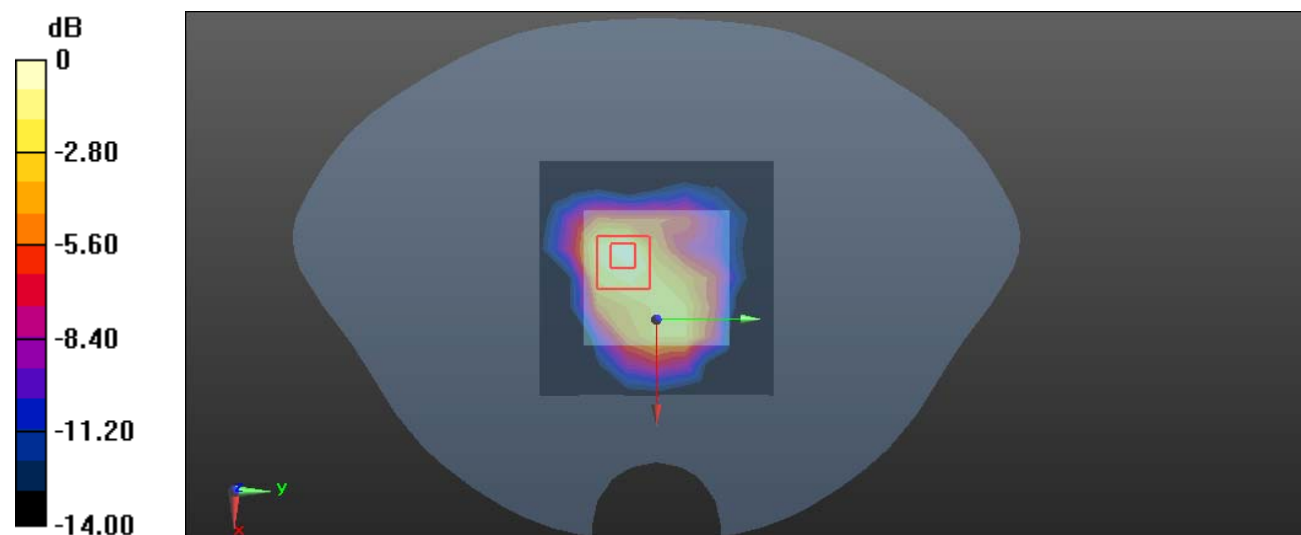
Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.492 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.053 W/kg

Maximum value of SAR (measured) = 0.189 W/kg



0 dB = 0.189 W/kg = -7.24 dBW/kg

Plot 5#: 5.2G WIFI Mid _ Face Up_Chain 0**DUT: WD5 Industrial Smartwatch; Type: NLS-WD5; Serial: 2UC5-1**

Communication System: UID 0, 802.11 ax20 (0); Frequency: 5200 MHz; Duty Cycle: 1:1.099

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.721$ S/m; $\epsilon_r = 37.055$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.96, 5.61, 5.16) @ 5200 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2024/3/27
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.06 W/kg

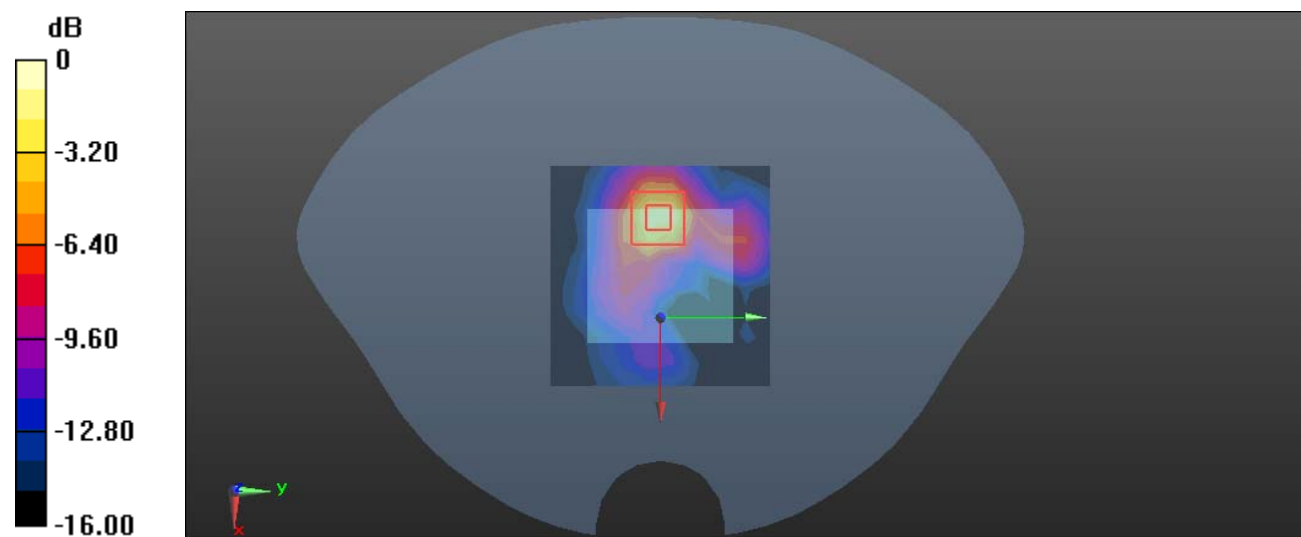
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.026 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.10 W/kg

SAR(1 g) = 0.635 W/kg; SAR(10 g) = 0.230 W/kg

Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33 W/kg = 1.24 dBW/kg

Plot 6#: 5.2G WIFI Mid _ Limb Worn Back_Chain 0**DUT: WD5 Industrial Smartwatch; Type: NLS-WD5; Serial: 2UC5-1**

Communication System: UID 0, 802.11 ax20 (0); Frequency: 5200 MHz; Duty Cycle: 1:1.099

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.721$ S/m; $\epsilon_r = 37.055$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.96, 5.61, 5.16) @ 5200 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2024/3/27
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.338 W/kg

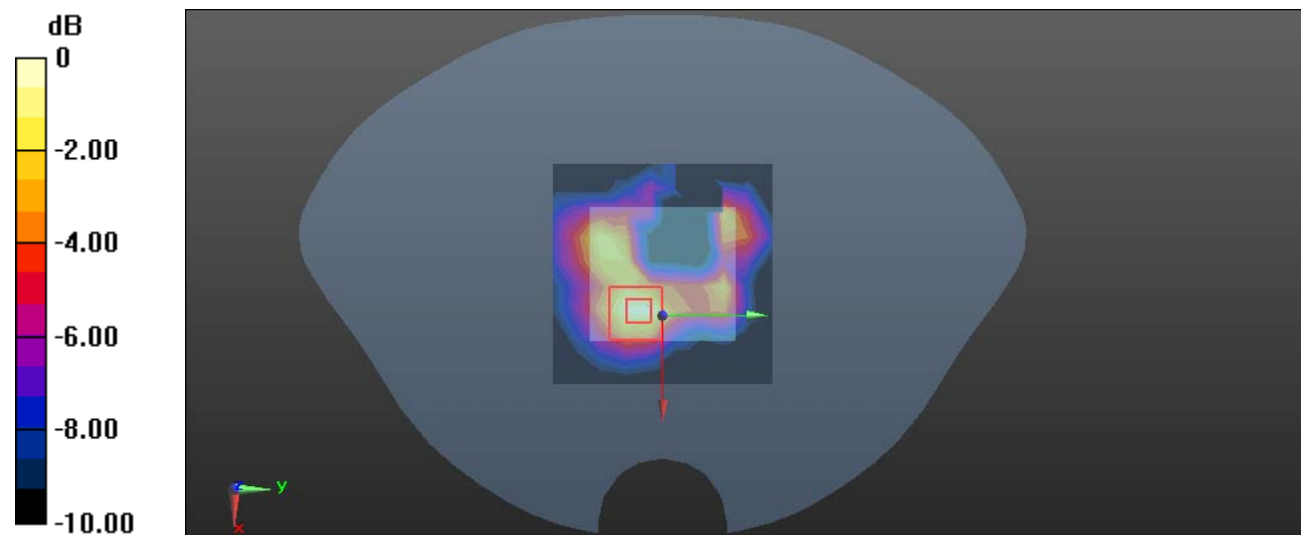
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.670 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.527 W/kg

SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.072 W/kg

Maximum value of SAR (measured) = 0.356 W/kg



0 dB = 0.356 W/kg = -4.49 dBW/kg

Plot 7#: 5.2G WIFI Mid _ Face Up_Chain 1**DUT: WD5 Industrial Smartwatch; Type: NLS-WD5; Serial: 2UC5-1**

Communication System: UID 0, 802.11 ax20 (0); Frequency: 5200 MHz; Duty Cycle: 1:1.099

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.721$ S/m; $\epsilon_r = 37.055$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.96, 5.61, 5.16) @ 5200 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2024/3/27
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.896 W/kg

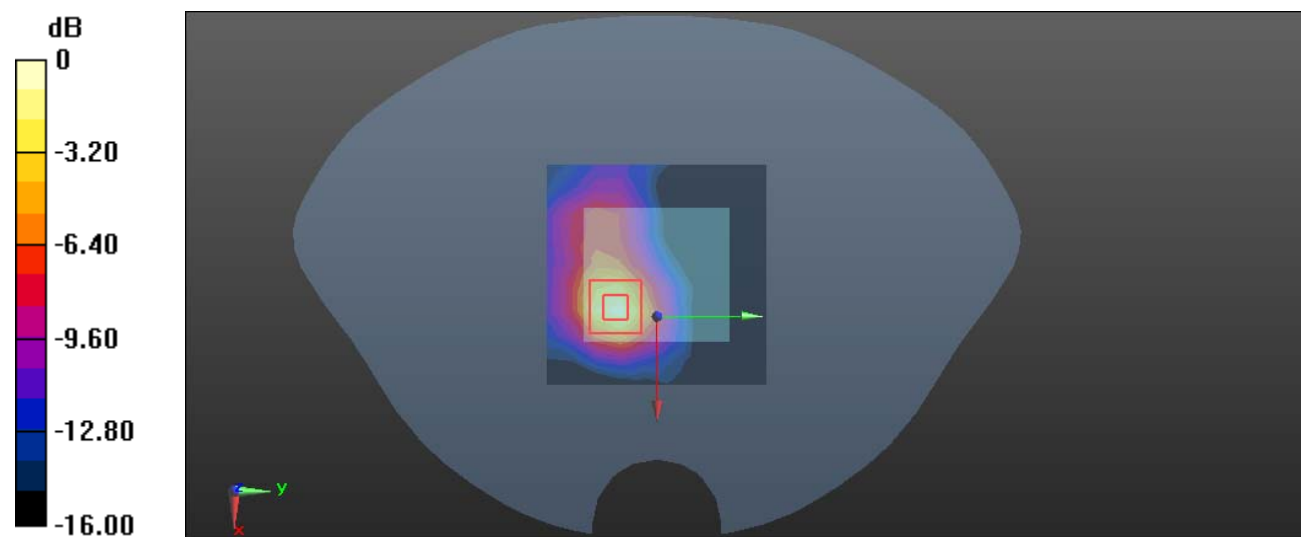
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.961 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.439 W/kg; SAR(10 g) = 0.157 W/kg

Maximum value of SAR (measured) = 0.919 W/kg



0 dB = 0.919 W/kg = -0.37 dBW/kg

Plot 8#: 5.2G WIFI Mid _ Limb Worn Back_Chain 1**DUT: WD5 Industrial Smartwatch; Type: NLS-WD5; Serial: 2UC5-1**

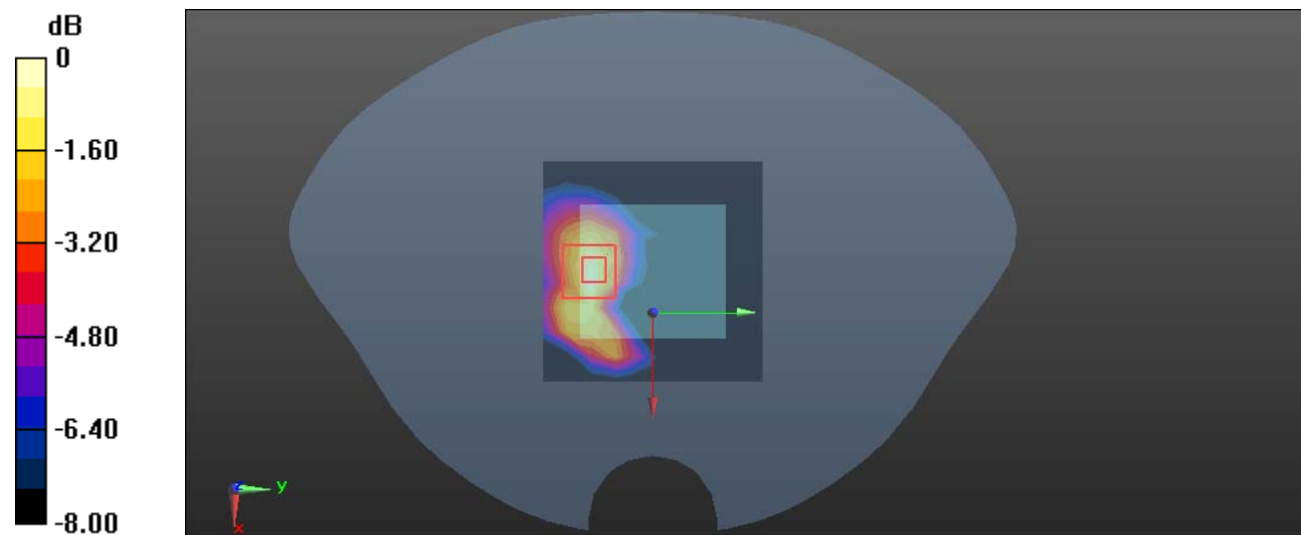
Communication System: UID 0, 802.11 ax20 (0); Frequency: 5200 MHz; Duty Cycle: 1:1.099

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.721 \text{ S/m}$; $\epsilon_r = 37.055$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.96, 5.61, 5.16) @ 5200 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2024/3/27
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x10x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.480 W/kg **Zoom Scan (8x8x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 4.129 V/m ; Power Drift = -0.18 dB Peak SAR (extrapolated) = 0.733 W/kg **SAR(1 g) = 0.214 W/kg ; SAR(10 g) = 0.094 W/kg** Maximum value of SAR (measured) = 0.494 W/kg 0 dB = 0.494 W/kg = -3.06 dBW/kg

Plot 9#: 5.3G WIFI Mid_Face Up_Chain 0**DUT: WD5 Industrial Smartwatch; Type: NLS-WD5; Serial: 2UC5-1**

Communication System: UID 0, 802.11 ax20 (0); Frequency: 5280 MHz; Duty Cycle: 1:1.099

Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 4.807 \text{ S/m}$; $\epsilon_r = 36.189$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.96, 5.61, 5.16) @ 5280 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2024/3/27
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x10x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.12 W/kg

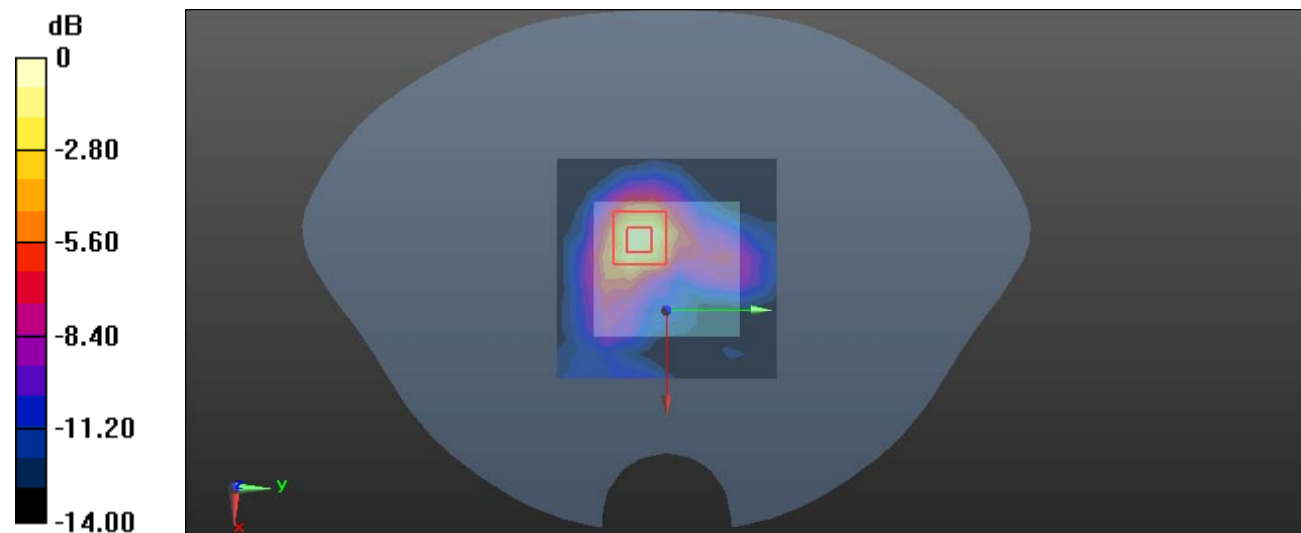
Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 8.569 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 2.10 W/kg

SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.253 W/kg

Maximum value of SAR (measured) = 1.37 W/kg



0 dB = 1.37 W/kg = 1.37 dBW/kg

Plot 10#: 5.3G WIFI Mid _ Limb Worn Back_Chain 0**DUT: WD5 Industrial Smartwatch; Type: NLS-WD5; Serial: 2UC5-1**

Communication System: UID 0, 802.11 ax20 (0); Frequency: 5280 MHz; Duty Cycle: 1:1.099

Medium parameters used: $f = 5280$ MHz; $\sigma = 4.807$ S/m; $\epsilon_r = 36.189$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.96, 5.61, 5.16) @ 5280 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2024/3/27
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.610 W/kg

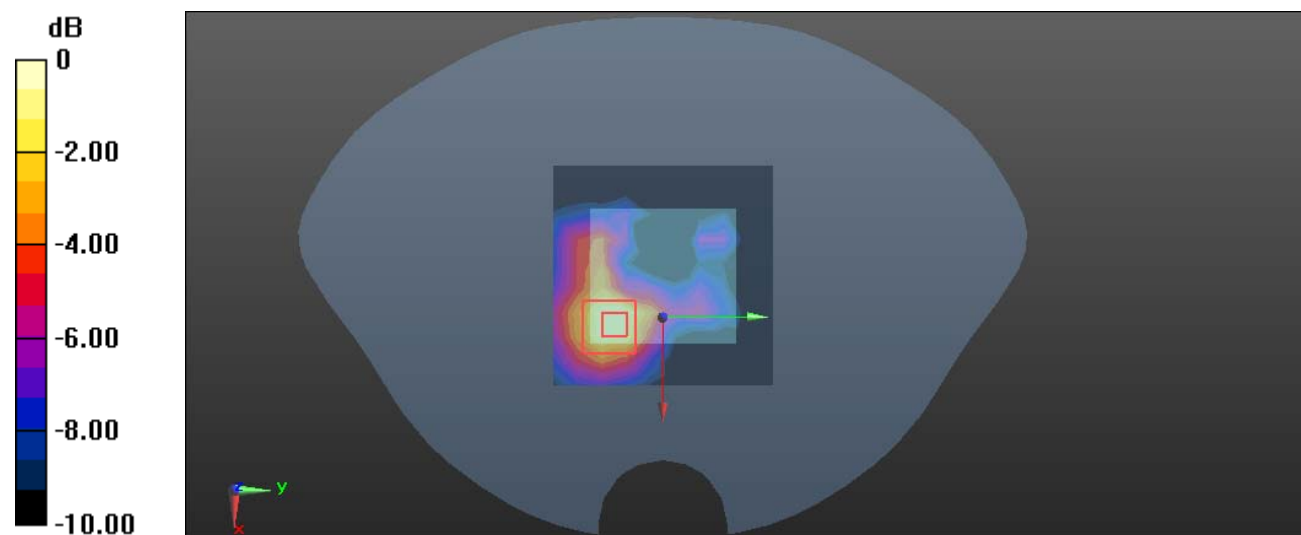
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.868 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.156 W/kg

Maximum value of SAR (measured) = 0.718 W/kg



Plot 11#: 5.3G WIFI Mid _ Face Up_Chain 1**DUT: WD5 Industrial Smartwatch; Type: NLS-WD5; Serial: 2UC5-1**

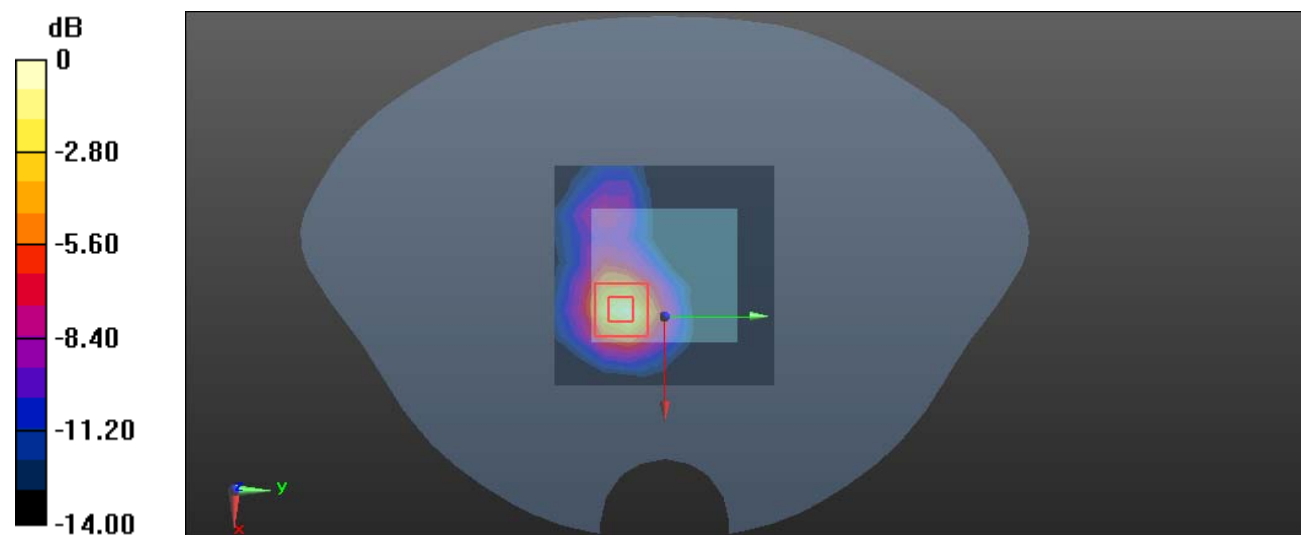
Communication System: UID 0, 802.11 ax20 (0); Frequency: 5280 MHz; Duty Cycle: 1:1.099

Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 4.807 \text{ S/m}$; $\epsilon_r = 36.189$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.96, 5.61, 5.16) @ 5280 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2024/3/27
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x10x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 1.37 W/kg **Zoom Scan (8x8x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 5.977 V/m ; Power Drift = 0.17 dB Peak SAR (extrapolated) = 2.26 W/kg **SAR(1 g) = 0.696 W/kg ; SAR(10 g) = 0.244 W/kg** Maximum value of SAR (measured) = 1.49 W/kg 0 dB = 1.49 W/kg = 1.73 dBW/kg

Plot 12#: 5.3G WIFI Mid _ Limb Worn Back_Chain 1**DUT: WD5 Industrial Smartwatch; Type: NLS-WD5; Serial: 2UC5-1**

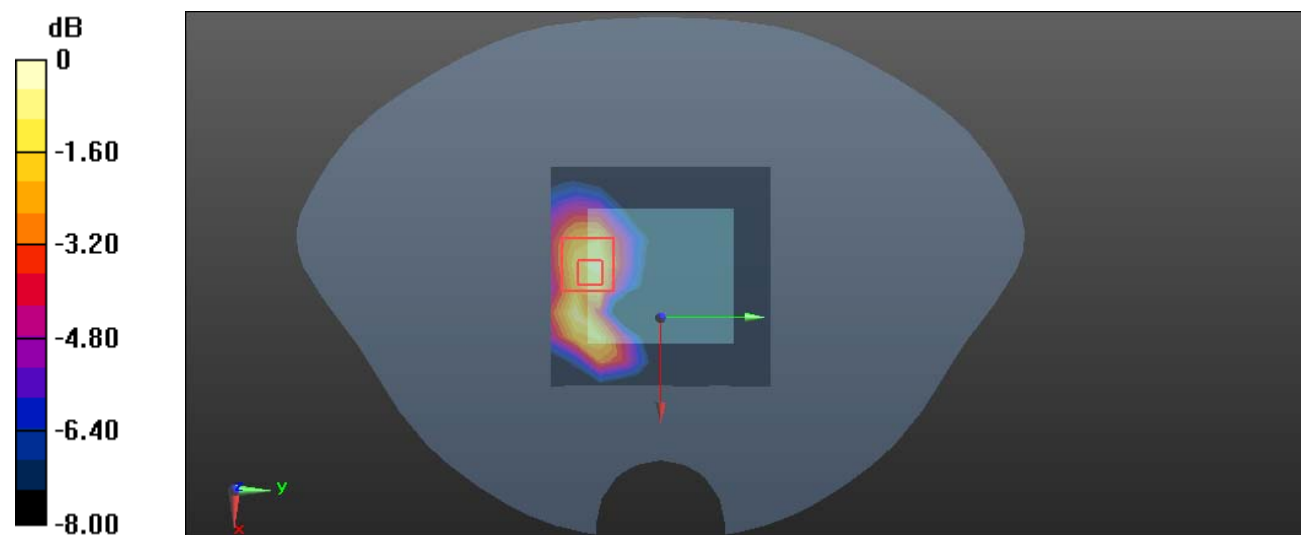
Communication System: UID 0, 802.11 ax20 (0); Frequency: 5280 MHz; Duty Cycle: 1:1.099

Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 4.807 \text{ S/m}$; $\epsilon_r = 36.189$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.96, 5.61, 5.16) @ 5280 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2024/3/27
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x10x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.628 W/kg **Zoom Scan (8x8x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 4.761 V/m ; Power Drift = -0.10 dB Peak SAR (extrapolated) = 1.18 W/kg **SAR(1 g) = 0.326 W/kg ; SAR(10 g) = 0.140 W/kg** Maximum value of SAR (measured) = 0.729 W/kg  $0 \text{ dB} = 0.729 \text{ W/kg} = -1.37 \text{ dBW/kg}$

Plot 13#: 5.6G WIFI Mid _ Face Up_Chain 0**DUT: WD5 Industrial Smartwatch; Type: NLS-WD5; Serial: 2UC5-1**

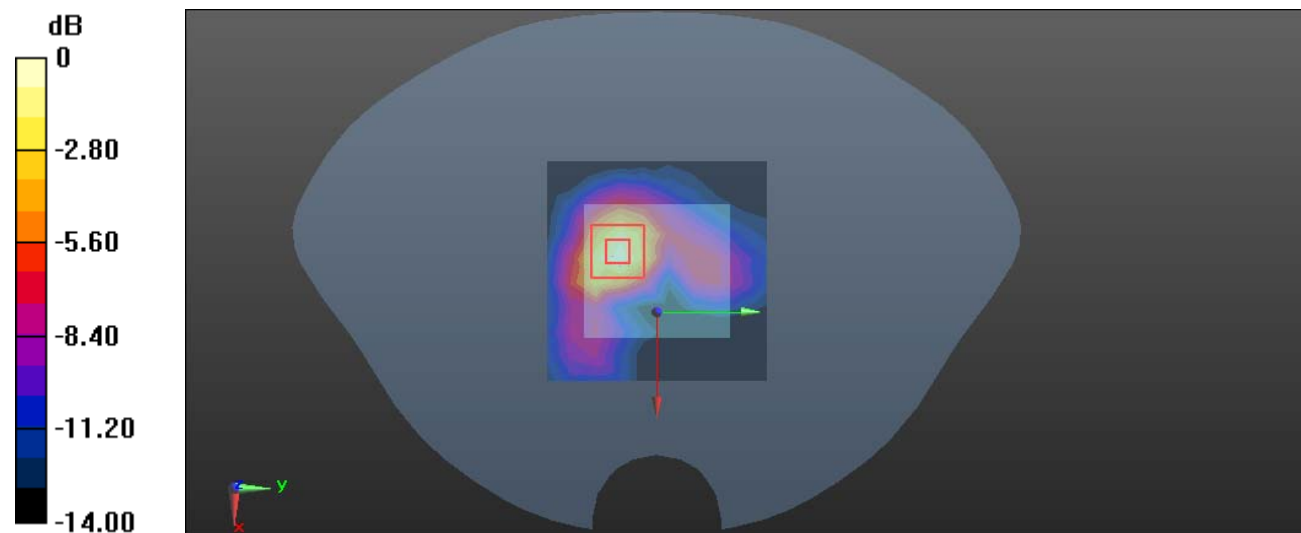
Communication System: UID 0, 802.11 a (0); Frequency: 5580 MHz; Duty Cycle: 1:1.01

Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.139 \text{ S/m}$; $\epsilon_r = 36.238$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.38, 4.98, 4.56) @ 5580 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2024/3/27
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x10x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 1.10 W/kg **Zoom Scan (8x8x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 6.609 V/m ; Power Drift = 0.15 dB Peak SAR (extrapolated) = 1.87 W/kg **SAR(1 g) = 0.543 W/kg ; SAR(10 g) = 0.211 W/kg** Maximum value of SAR (measured) = 1.15 W/kg 0 dB = 1.15 W/kg = 0.61 dBW/kg

Plot 14#: 5.6G WIFI Mid _ Limb Worn Back_Chain 0**DUT: WD5 Industrial Smartwatch; Type: NLS-WD5; Serial: 2UC5-1**

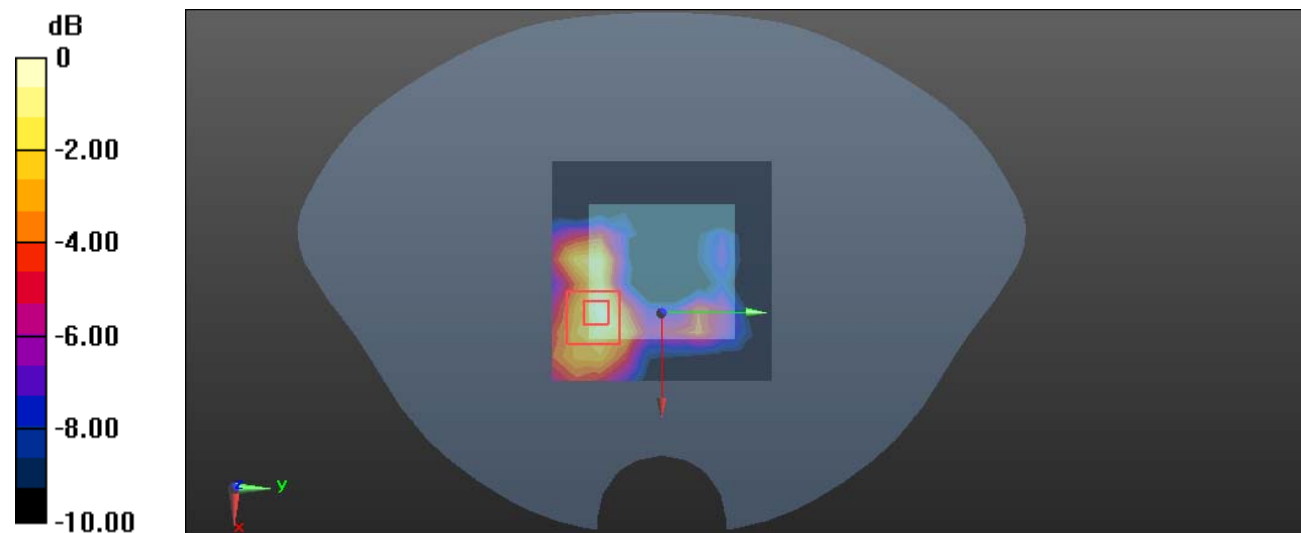
Communication System: UID 0, 802.11 a (0); Frequency: 5580 MHz; Duty Cycle: 1:1.01

Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.139 \text{ S/m}$; $\epsilon_r = 36.238$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.38, 4.98, 4.56) @ 5580 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2024/3/27
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x10x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.495 W/kg **Zoom Scan (8x8x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 1.350 V/m ; Power Drift = 0.19 dB Peak SAR (extrapolated) = 0.829 W/kg **SAR(1 g) = 0.226 W/kg ; SAR(10 g) = 0.094 W/kg** Maximum value of SAR (measured) = 0.493 W/kg  $0 \text{ dB} = 0.493 \text{ W/kg} = -3.07 \text{ dBW/kg}$

Plot 15#: 5.6G WIFI Mid_Face Up_Chain 1**DUT: WD5 Industrial Smartwatch; Type: NLS-WD5; Serial: 2UC5-1**

Communication System: UID 0, 802.11 a (0); Frequency: 5580 MHz; Duty Cycle: 1:1.01

Medium parameters used: $f = 5580$ MHz; $\sigma = 5.139$ S/m; $\epsilon_r = 36.238$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.38, 4.98, 4.56) @ 5580 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2024/3/27
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.26 W/kg

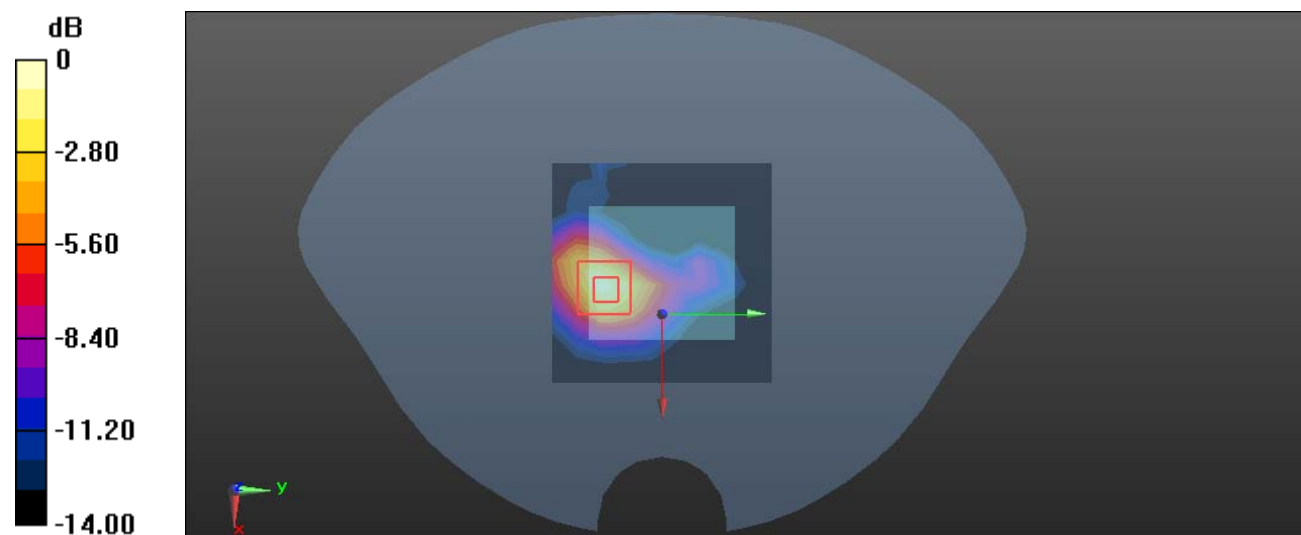
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.912 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 0.584 W/kg; SAR(10 g) = 0.213 W/kg

Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 1.00 dBW/kg

Plot 16#: 5.6G WIFI Mid _ Limb Worn Back_Chain 1**DUT: WD5 Industrial Smartwatch; Type: NLS-WD5; Serial: 2UC5-1**

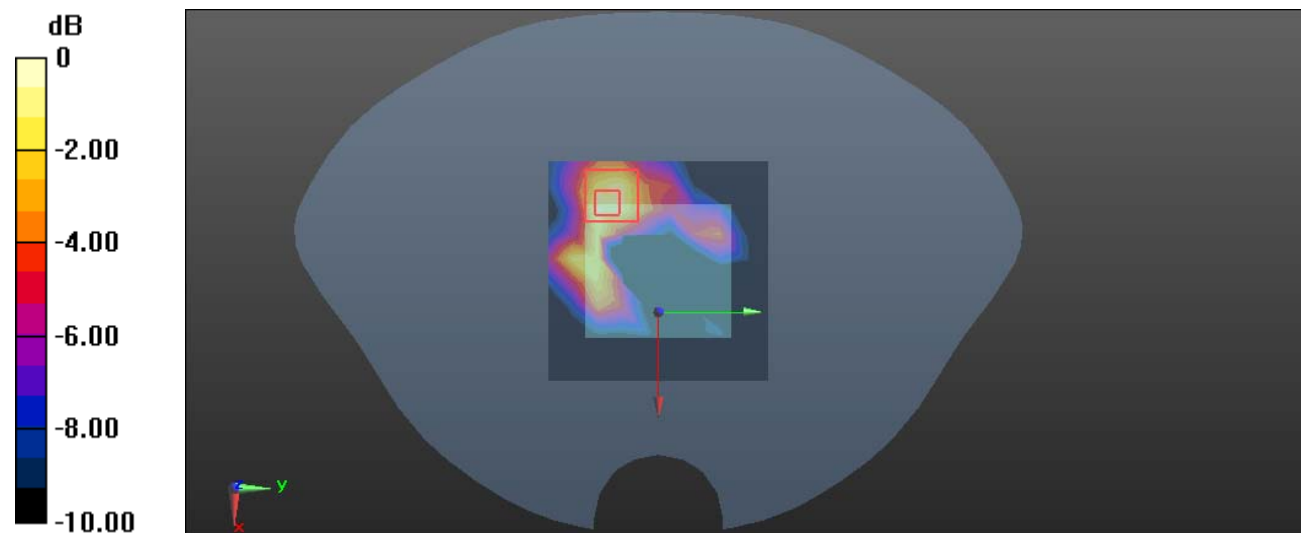
Communication System: UID 0, 802.11 a (0); Frequency: 5580 MHz; Duty Cycle: 1:1.01

Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.139 \text{ S/m}$; $\epsilon_r = 36.238$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.38, 4.98, 4.56) @ 5580 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2024/3/27
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x10x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.414 W/kg **Zoom Scan (8x8x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 1.262 V/m ; Power Drift = -0.09 dB Peak SAR (extrapolated) = 0.719 W/kg **SAR(1 g) = 0.210 W/kg ; SAR(10 g) = 0.083 W/kg** Maximum value of SAR (measured) = 0.466 W/kg  $0 \text{ dB} = 0.466 \text{ W/kg} = -3.32 \text{ dBW/kg}$

Plot 17#: 5.8G WIFI Mid _ Face Up_Chain 0**DUT: WD5 Industrial Smartwatch; Type: NLS-WD5; Serial: 2UC5-1**

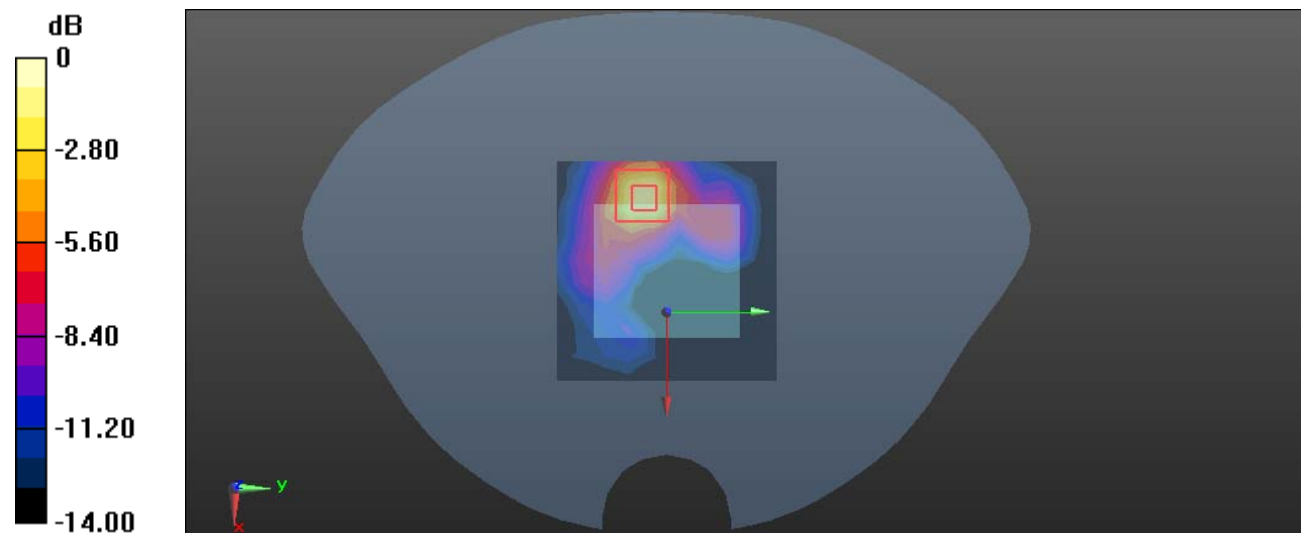
Communication System: UID 0, 802.11 n40 (0); Frequency: 5785 MHz; Duty Cycle: 1:1.014

Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.397 \text{ S/m}$; $\epsilon_r = 35.329$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.54, 5.16, 4.7) @ 5785 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2024/3/27
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x10x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.928 W/kg **Zoom Scan (8x8x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 4.111 V/m ; Power Drift = -0.15 dB Peak SAR (extrapolated) = 1.87 W/kg **SAR(1 g) = 0.595 W/kg ; SAR(10 g) = 0.224 W/kg** Maximum value of SAR (measured) = 1.23 W/kg  $0 \text{ dB} = 1.23 \text{ W/kg} = 0.90 \text{ dBW/kg}$

Plot 18#: 5.8G WIFI Mid _ Limb Worn Back_Chain 0**DUT: WD5 Industrial Smartwatch; Type: NLS-WD5; Serial: 2UC5-1**

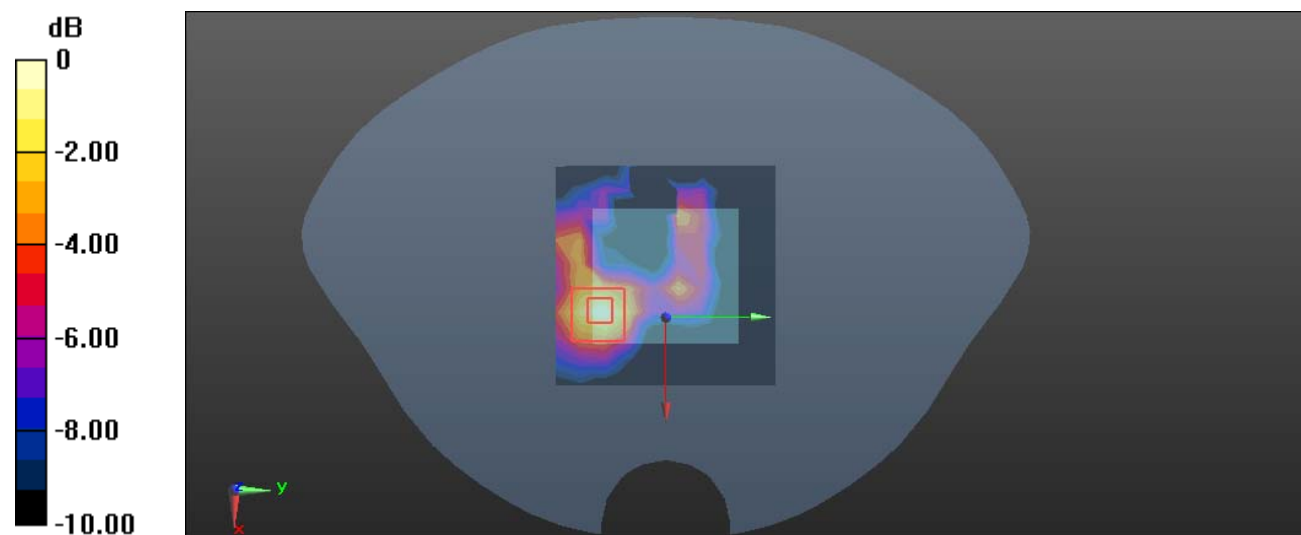
Communication System: UID 0, 802.11 n40 (0); Frequency: 5785 MHz; Duty Cycle: 1:1.014

Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.397 \text{ S/m}$; $\epsilon_r = 35.329$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.54, 5.16, 4.7) @ 5785 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2024/3/27
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x10x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.498 W/kg **Zoom Scan (8x8x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 5.044 V/m ; Power Drift = -0.16 dB Peak SAR (extrapolated) = 0.709 W/kg **SAR(1 g) = 0.234 W/kg ; SAR(10 g) = 0.094 W/kg** Maximum value of SAR (measured) = 0.491 W/kg  $0 \text{ dB} = 0.491 \text{ W/kg} = -3.09 \text{ dBW/kg}$

Plot 19#: 5.8G WIFI Mid _ Face Up_Chain 1**DUT: WD5 Industrial Smartwatch; Type: NLS-WD5; Serial: 2UC5-1**

Communication System: UID 0, 802.11 n40 (0); Frequency: 5785 MHz; Duty Cycle: 1:1.014

Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.397 \text{ S/m}$; $\epsilon_r = 35.329$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.54, 5.16, 4.7) @ 5785 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2024/3/27
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x10x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.15 W/kg

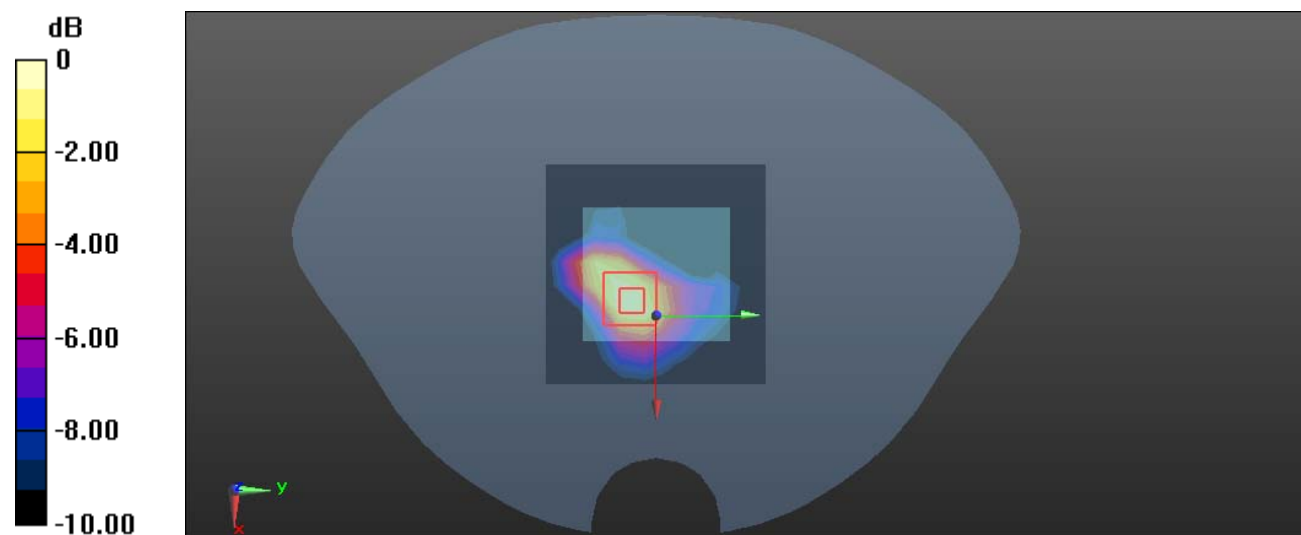
Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 9.907 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.21 W/kg

SAR(1 g) = 0.624 W/kg; SAR(10 g) = 0.239 W/kg

Maximum value of SAR (measured) = 1.35 W/kg



Plot 20#: 5.8G WIFI Mid _ Limb Worn Back_Chain 1**DUT: WD5 Industrial Smartwatch; Type: NLS-WD5; Serial: 2UC5-1**

Communication System: UID 0, 802.11 n40 (0); Frequency: 5785 MHz; Duty Cycle: 1:1.014

Medium parameters used: $f = 5785$ MHz; $\sigma = 5.397$ S/m; $\epsilon_r = 35.329$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.54, 5.16, 4.7) @ 5785 MHz; Calibrated: 2024/3/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1493; Calibrated: 2024/3/27
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.714 W/kg

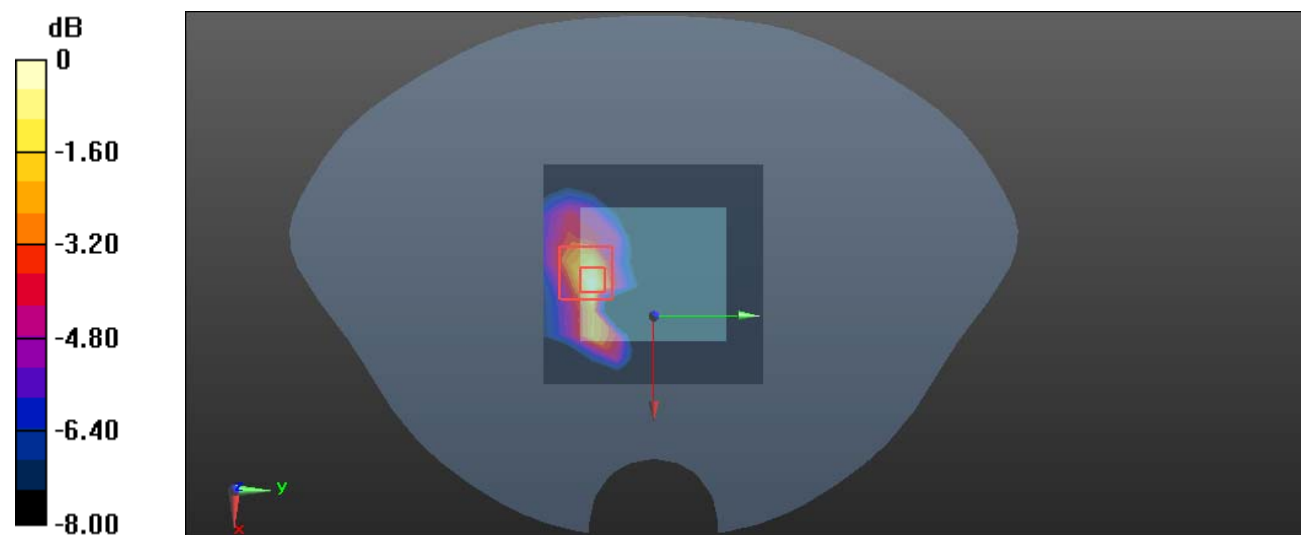
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.748 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.093 W/kg

Maximum value of SAR (measured) = 0.698 W/kg



0 dB = 0.698 W/kg = -1.56 dBW/kg