

SAR Plots

- Verification Plots
- SAR Test Plots

Dt&C Co., Ltd.

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:726

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.817$ S/m; $\epsilon_r = 39.914$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.12, 7.12, 7.12) @ 2450 MHz; Calibrated: 5/4/2023 Electronics: DAE4
Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-01-24; Ambient Temp: 21.2; Tissue Temp: 21.6

2 450 MHz System Verification (100 mW)

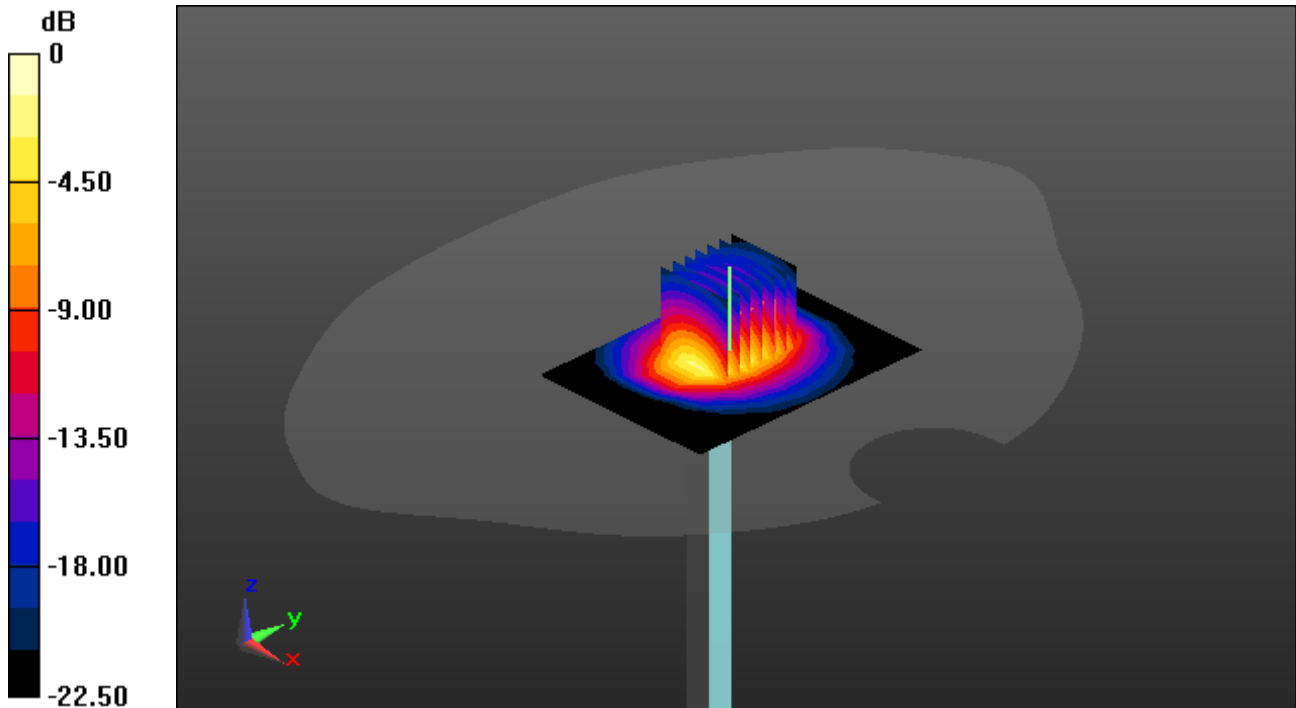
Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 11.9 W/kg

SAR(1 g) = 5.31 W/kg; SAR(10 g) = 2.45 W/kg



0 dB = 9.1 W/kg

Dt&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300 \text{ MHz}$; $\sigma = 4.927 \text{ S/m}$; $\epsilon_r = 35.045$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(5.04, 5.04, 5.04) @ 5300 MHz; Calibrated: 5/4/2023 Electronics: DAE4
Sn1396

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-01-25; Ambient Temp: 21.2; Tissue Temp: 21.7

5 300 MHz System Verification (100 mW)

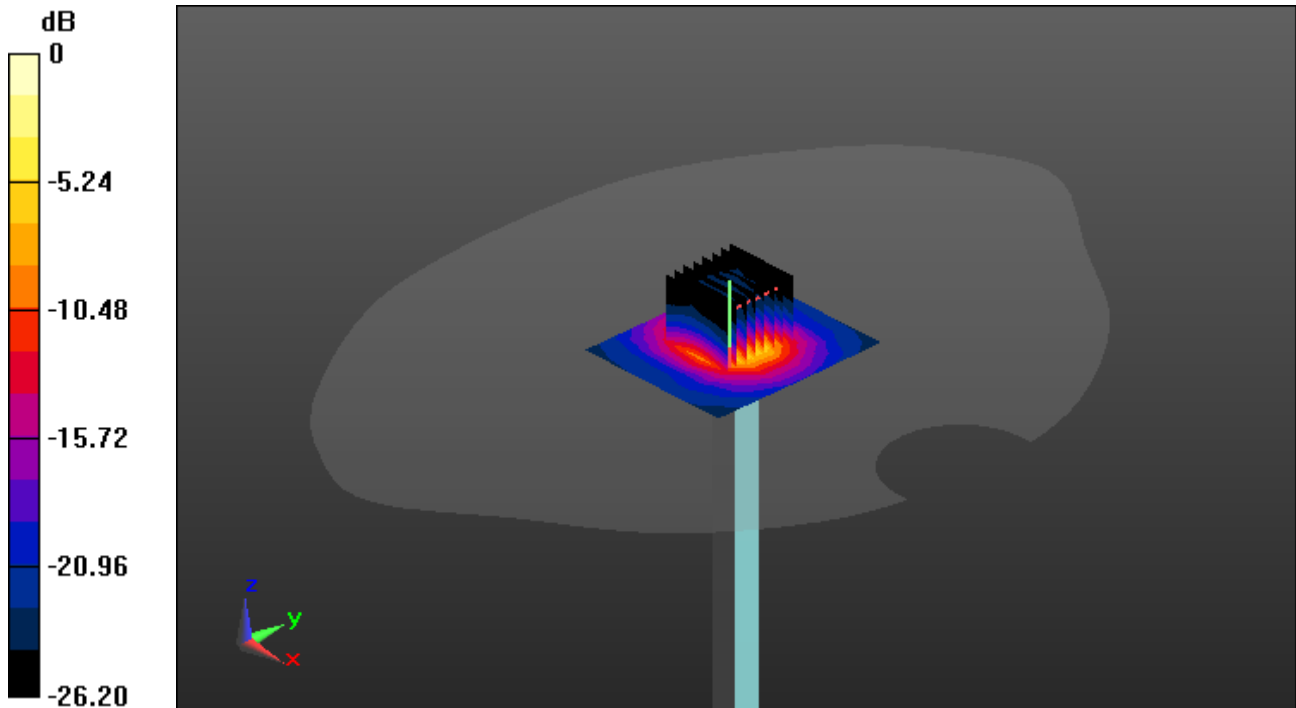
Area Scan (7x8x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio:1.4

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 34.4 W/kg

SAR(1 g) = 8.08 W/kg; SAR(10 g) = 2.27 W/kg



0 dB = 19.3 W/kg

Dt&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.067$ S/m; $\epsilon_r = 36.197$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.5, 4.5, 4.5) @ 5500 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-01-26; Ambient Temp: 21.4; Tissue Temp: 21.8

5 500 MHz System Verification (100 mW)

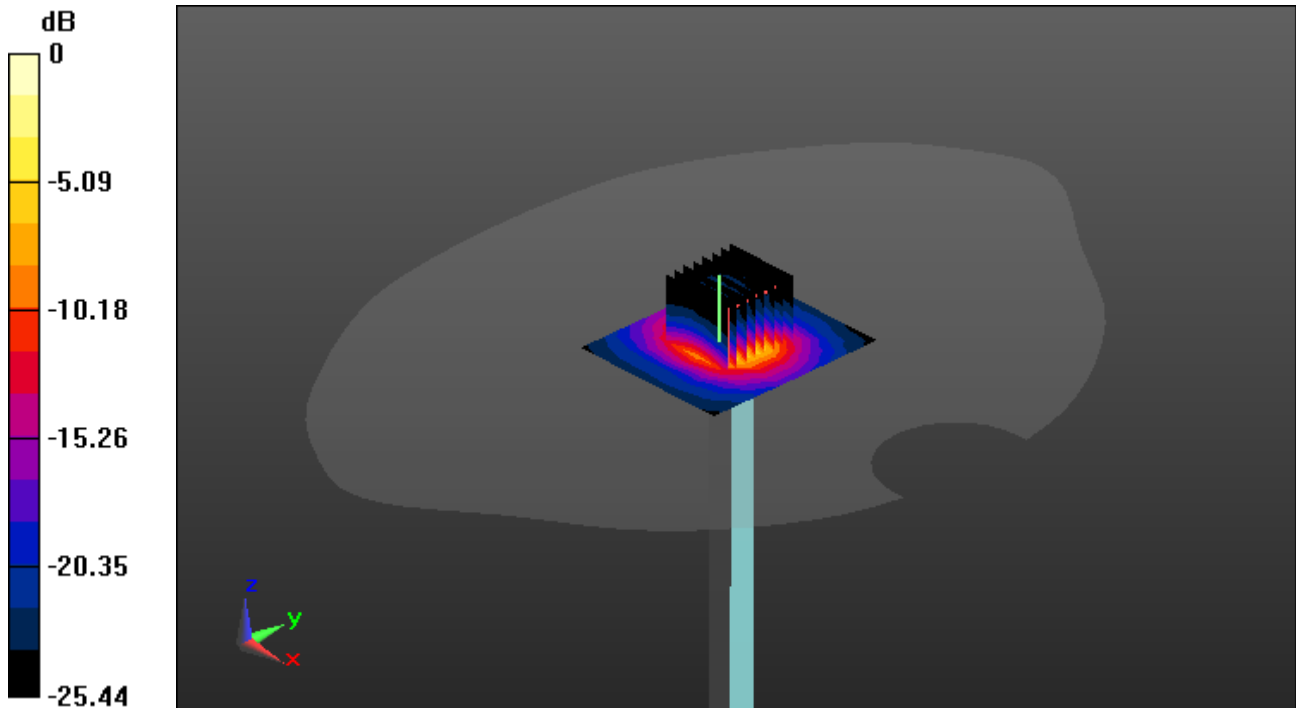
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 36.8 W/kg

SAR(1 g) = 8.38 W/kg; SAR(10 g) = 2.35 W/kg



0 dB = 20.7 W/kg

Dt&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.183$ S/m; $\epsilon_r = 35.997$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.41, 4.41, 4.41) @ 5600 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-01-26; Ambient Temp: 21.4; Tissue Temp: 21.8

5 600 MHz System Verification (100 mW)

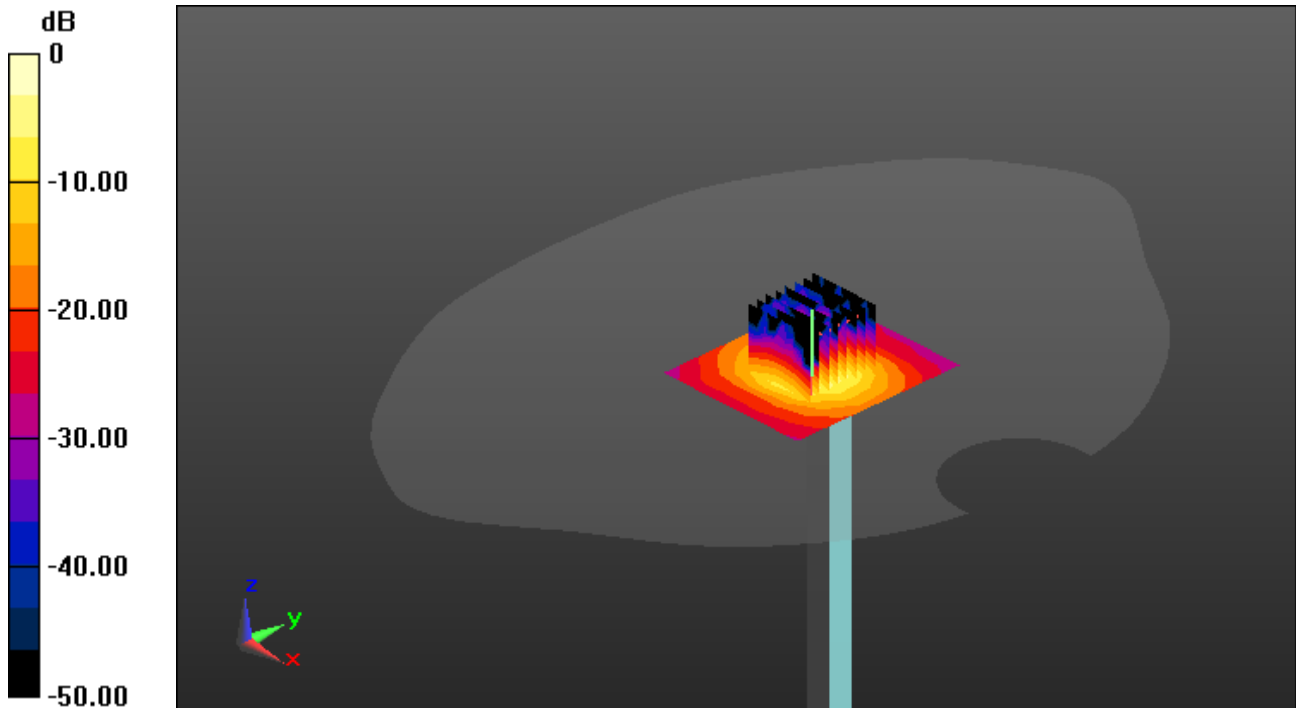
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 39.9 W/kg

SAR(1 g) = 8.72 W/kg; SAR(10 g) = 2.49 W/kg



0 dB = 22.1 W/kg

Dt&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800 \text{ MHz}$; $\sigma = 5.412 \text{ S/m}$; $\epsilon_r = 35.595$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.6, 4.6, 4.6) @ 5800 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-01-26; Ambient Temp: 21.4; Tissue Temp: 21.8

5 800 MHz System Verification (100 mW)

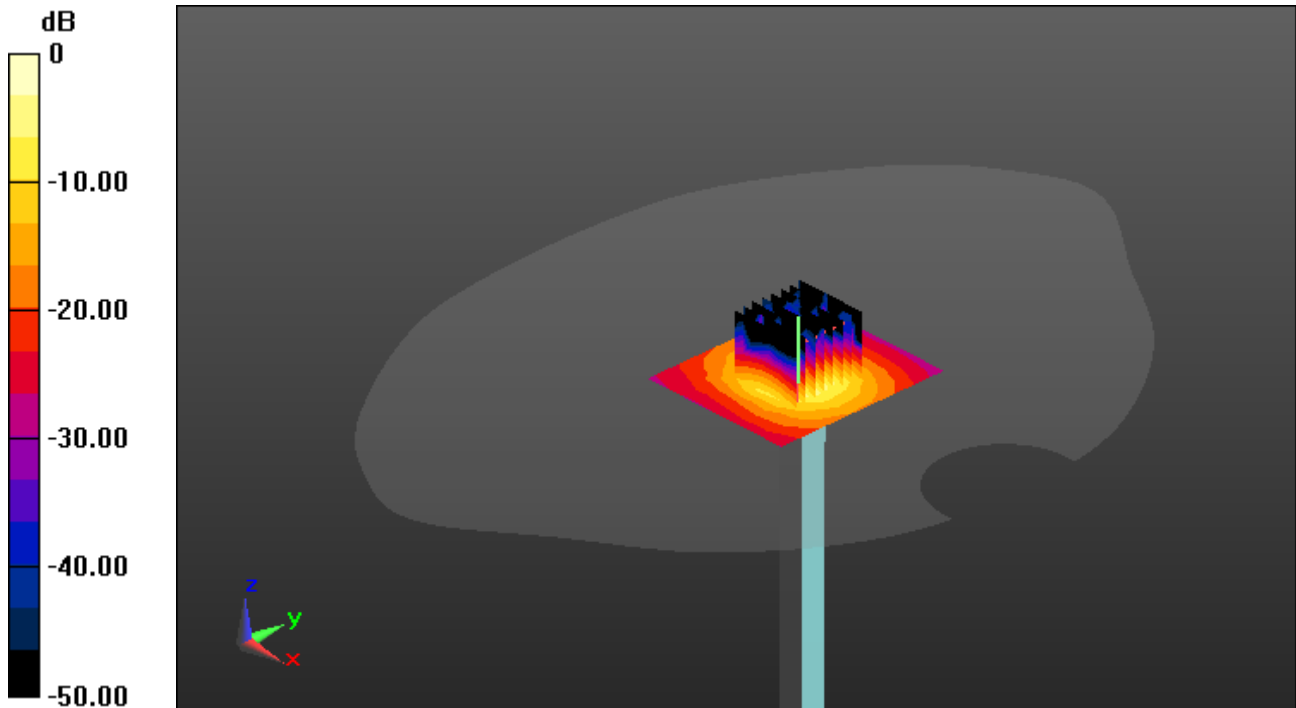
Area Scan (7x8x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio:1.4

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 39.1 W/kg

SAR(1 g) = 8.26 W/kg; SAR(10 g) = 2.33 W/kg



0 dB = 20.1 W/kg

Dt&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800 \text{ MHz}$; $\sigma = 5.101 \text{ S/m}$; $\epsilon_r = 35.012$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.6, 4.6, 4.6) @ 5800 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-01-29; Ambient Temp: 21.5; Tissue Temp: 21.7

5 800 MHz System Verification (100 mW)

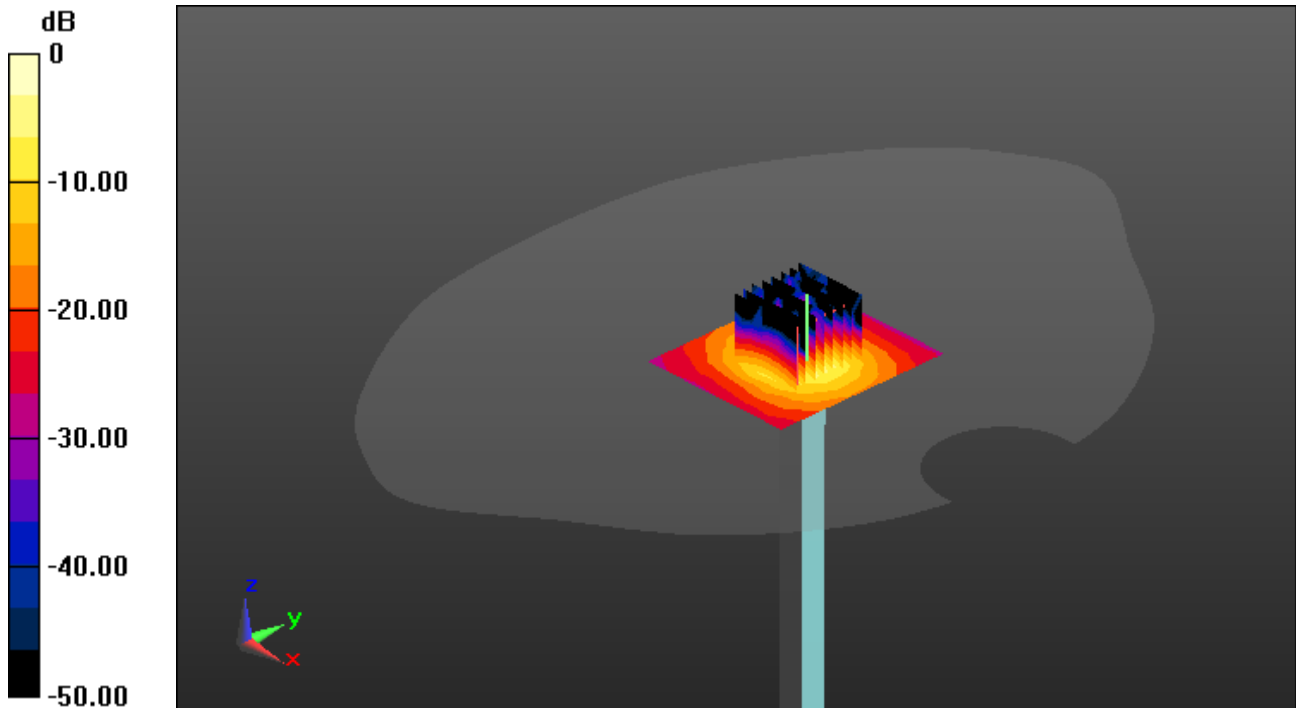
Area Scan (7x8x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio:1.4

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 38.6 W/kg

SAR(1 g) = 8.18 W/kg; SAR(10 g) = 2.29 W/kg



0 dB = 19.2 W/kg

Dt&C Co., Ltd.

DUT: CLA-13; Type: CLA-13; Serial: SN1030

Communication System: UID 0, CW (0); Frequency: 13 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 13 \text{ MHz}$; $\sigma = 0.747 \text{ S/m}$; $\epsilon_r = 54.755$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(17.86, 17.86, 17.86) @ 13 MHz; Calibrated: 3/22/2023 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1166

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-01-25; Ambient Temp: 21.2; Tissue Temp: 21.7

13 MHz System Verification (250 mW)

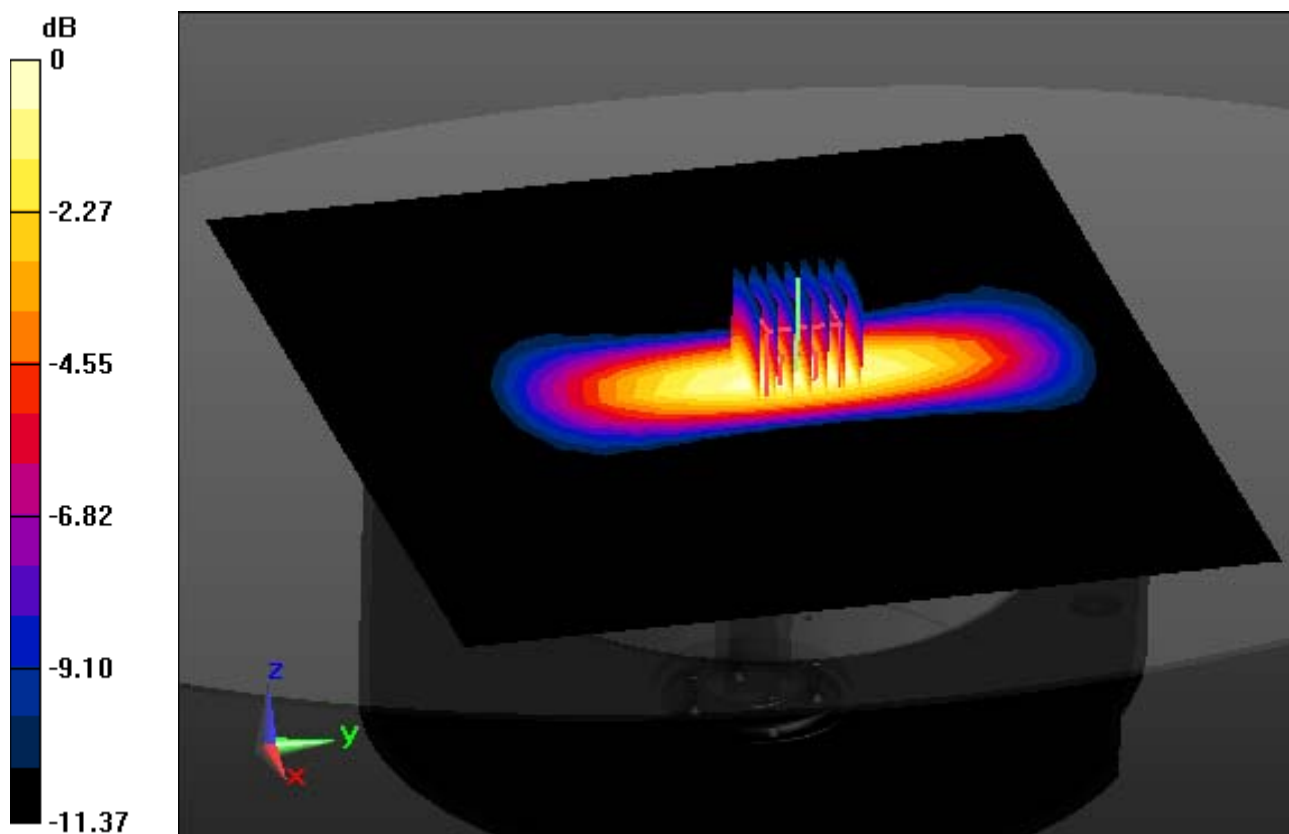
Area Scan (24x21x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.209 W/kg

SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.080 W/kg



0 dB = 0.166 W/kg

Dt&C Co., Ltd.

DUT: PM84; Type: PDA

Communication System: UID 0, 1. W-LAN 2.4G (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.831 \text{ S/m}$; $\epsilon_r = 39.882$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.12, 7.12, 7.12) @ 2462 MHz; Calibrated: 5/4/2023 Electronics: DAE4
Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-01-24; Ambient Temp: 21.2; Tissue Temp: 21.6

Left Touch, WLAN(802.11b) Ch. 11, Ant Internal, Standard Battery

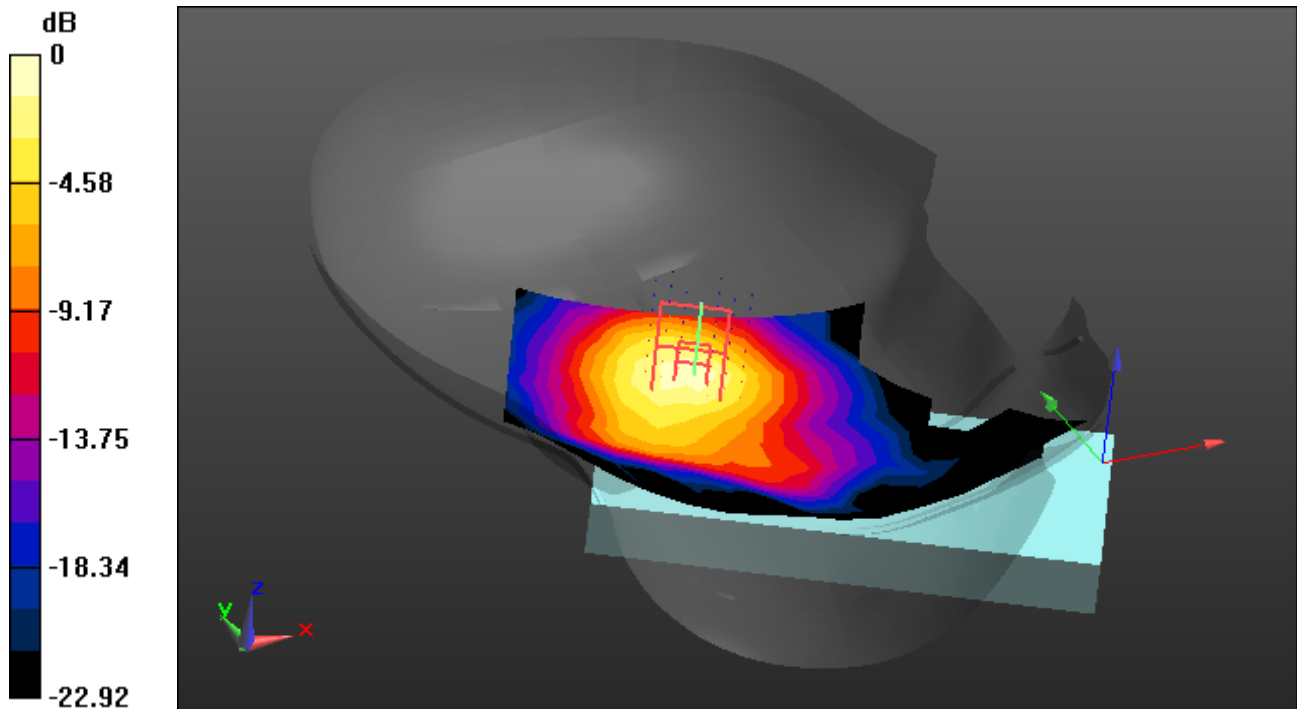
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.590 W/kg; SAR(10 g) = 0.287 W/kg



0 dB = 0.898 W/kg

Dt&C Co., Ltd.

DUT: PM84; Type: PDA

Communication System: UID 0, 5G W-LAN (0); Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 4.907 \text{ S/m}$; $\epsilon_r = 35.089$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(5.04, 5.04, 5.04) @ 5280 MHz; Calibrated: 5/4/2023 Electronics: DAE4
Sn1396

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-01-25; Ambient Temp: 21.2; Tissue Temp: 21.7

Left Touch, WLAN(802.11a) Ch. 56, Ant Internal, Standard Battery

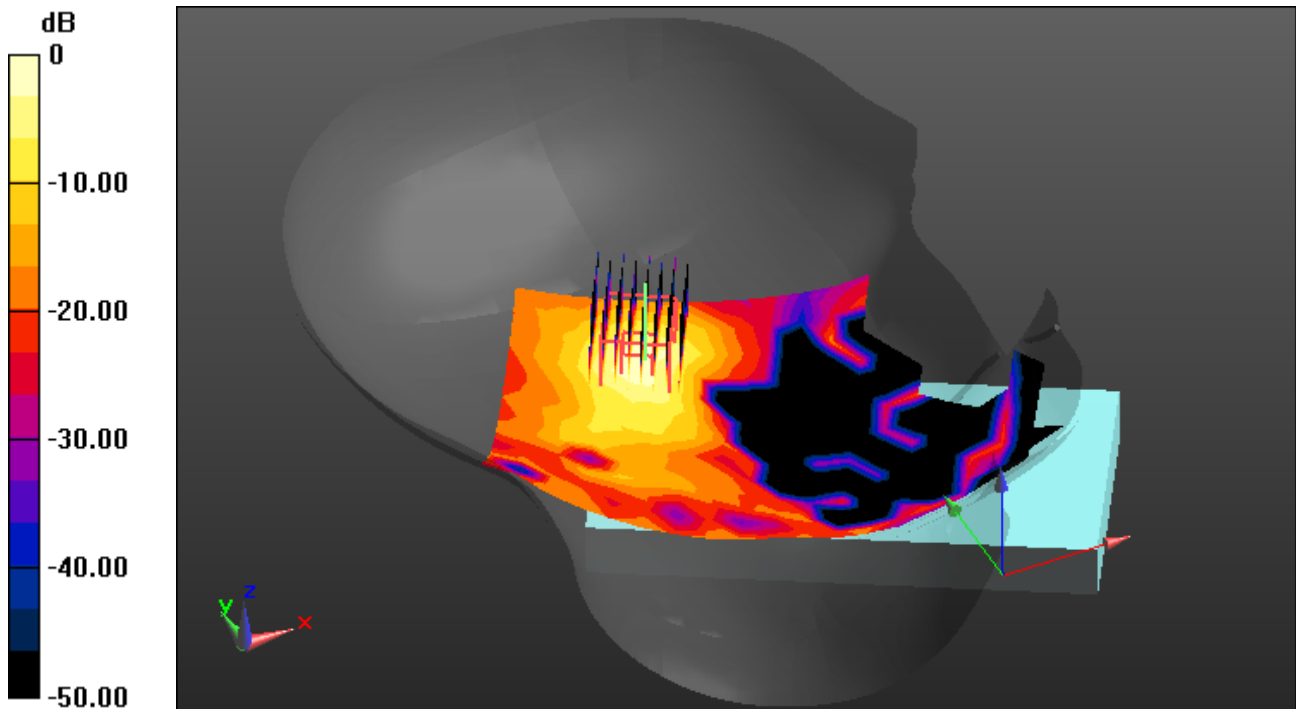
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio:1.4

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.14 W/kg

SAR(1 g) = 0.611 W/kg; SAR(10 g) = 0.192 W/kg



0 dB = 1.38 W/kg

Dt&C Co., Ltd.

DUT: PM84; Type: PDA

Communication System: UID 0, W-LAN(5G) (0); Frequency: 5660 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5660 \text{ MHz}$; $\sigma = 5.245 \text{ S/m}$; $\epsilon_r = 35.889$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.41, 4.41, 4.41) @ 5660 MHz; Calibrated: 5/4/2023 Electronics: DAE4
Sn1396

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-01-26; Ambient Temp: 21.4; Tissue Temp: 21.8

Left Touch, WLAN(802.11a) Ch. 132, Ant Internal, Standard Battery

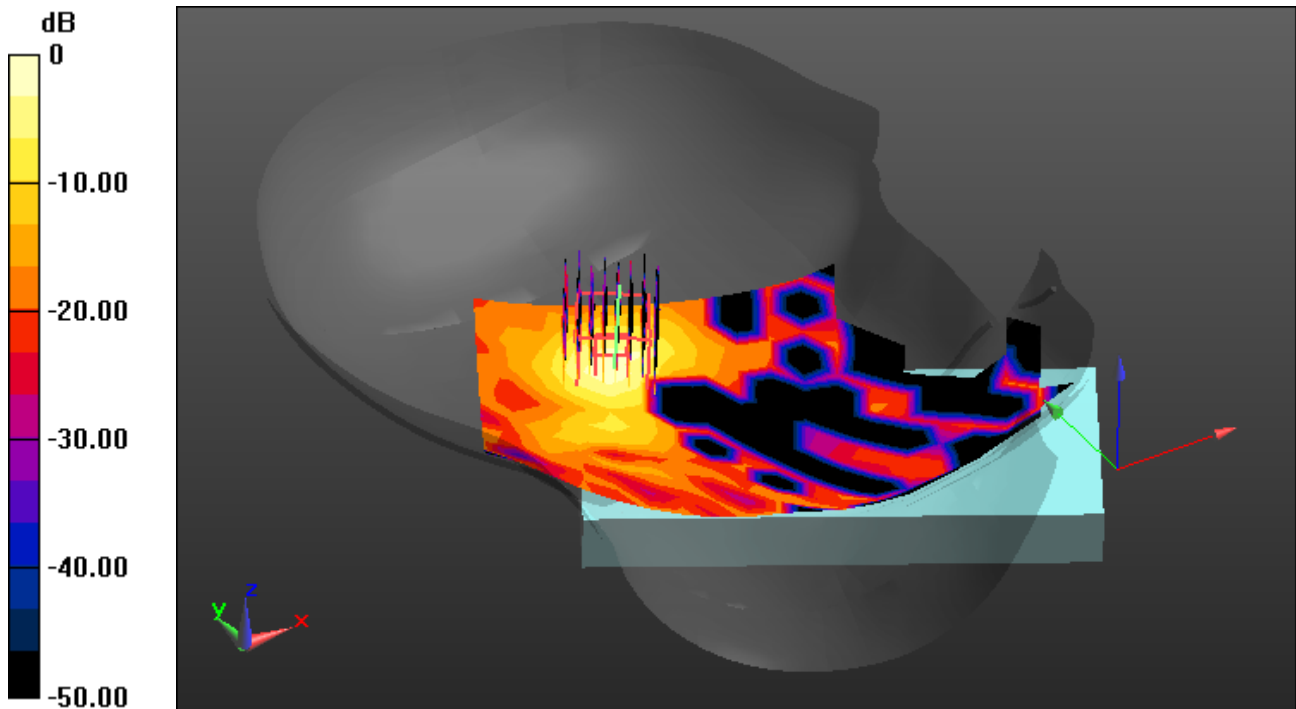
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio:1.4

Power Drift = 0.15 dB

Peak SAR (extrapolated) = 2.16 W/kg

SAR(1 g) = 0.559 W/kg; SAR(10 g) = 0.168 W/kg



0 dB = 1.38 W/kg

Dt&C Co., Ltd.

DUT: PM84; Type: PDA

Communication System: UID 0, W-LAN(5G) (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.045 \text{ S/m}$; $\epsilon_r = 35.127$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.6, 4.6, 4.6) @ 5745 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-01-29; Ambient Temp: 21.5; Tissue Temp: 21.7

Left Touch, WLAN(802.11a) Ch. 149, Ant Internal, Standard Battery

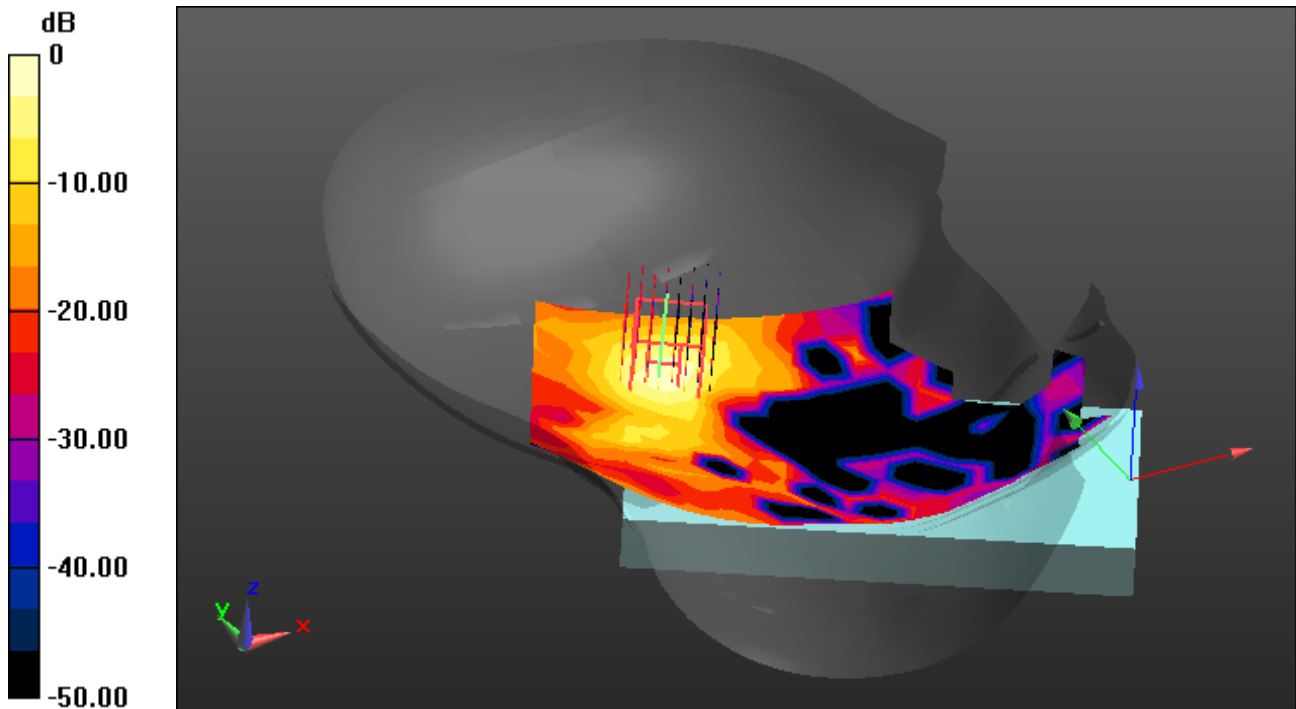
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio:1.4

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.19 W/kg

SAR(1 g) = 0.589 W/kg; SAR(10 g) = 0.176 W/kg



0 dB = 1.42 W/kg

Dt&C Co., Ltd.

DUT: PM84; Type: PDA

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.807 \text{ S/m}$; $\epsilon_r = 39.94$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.12, 7.12, 7.12) @ 2441 MHz; Calibrated: 5/4/2023 Electronics: DAE4
Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-01-24 ; Ambient Temp: 21.2; Tissue Temp: 21.6

Left Touch, Bluetooth 1 Mbps Ch. 39, Ant Internal, Standard Battery

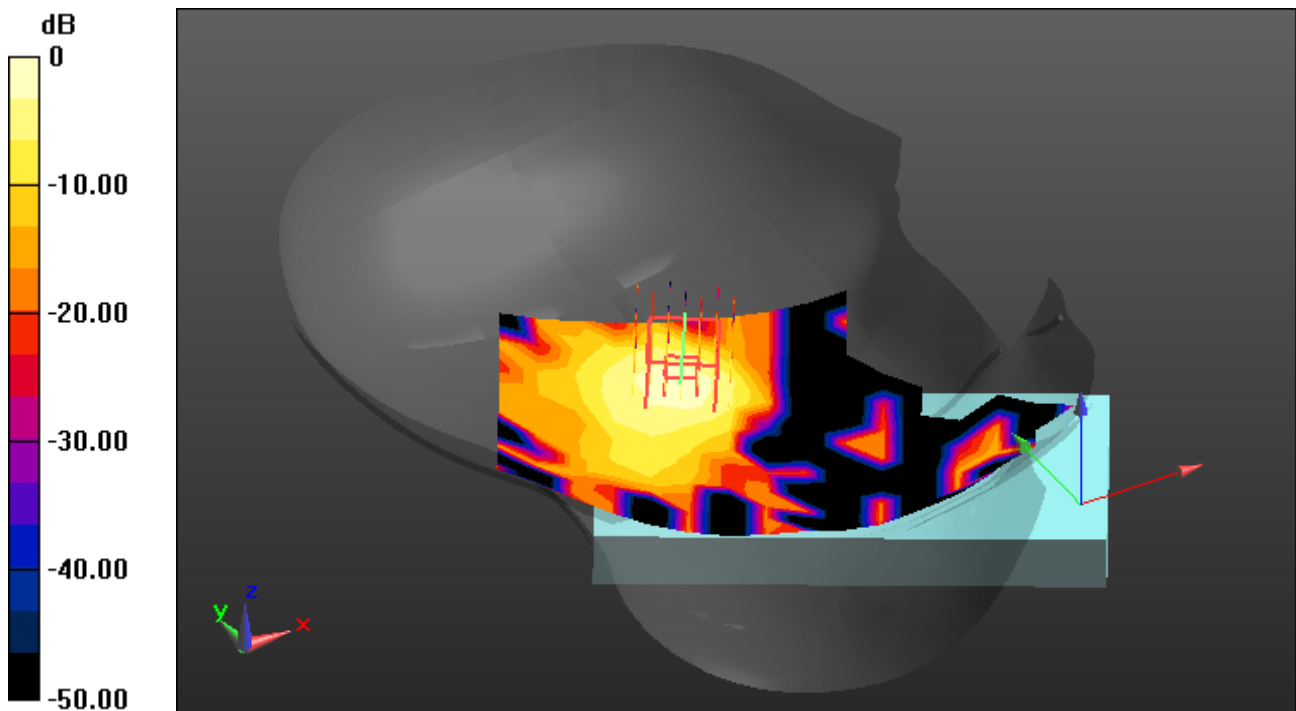
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.132 W/kg

SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.023 W/kg



0 dB = 0.0904 W/kg

Dt&C Co., Ltd.

DUT: PM84; Type: PDA

Communication System: UID 0, BLE (0); Frequency: 2440 MHz; Duty Cycle: 1:1.176

Medium parameters used: $f = 2440 \text{ MHz}$; $\sigma = 1.806 \text{ S/m}$; $\epsilon_r = 39.943$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.12, 7.12, 7.12) @ 2440 MHz; Calibrated: 5/4/2023 Electronics: DAE4
Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-01-24 ; Ambient Temp: 21.2; Tissue Temp: 21.6

Left Touch, Bluetooth LE Ch. 19, Ant Internal, Standard Battery

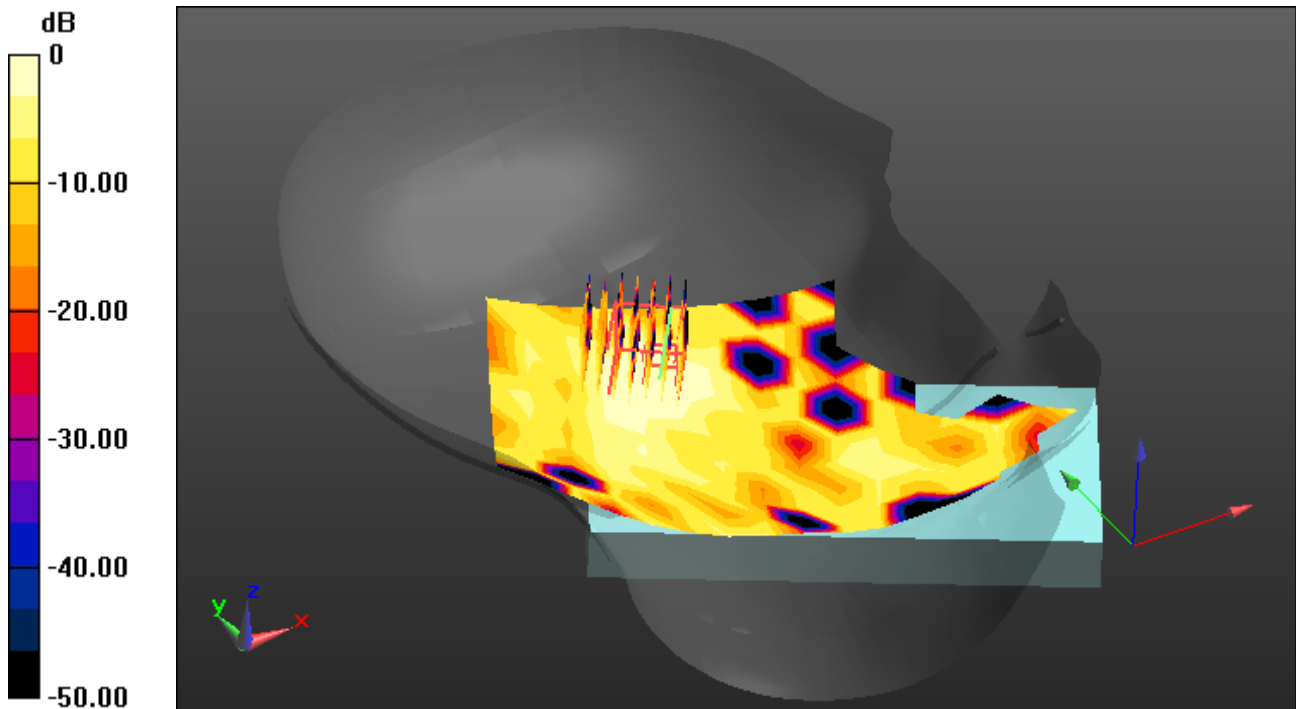
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.0310 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00492 W/kg



0 dB = 0.0236 W/kg

Dt&C Co., Ltd.

DUT: PM84; Type: PDA

Communication System: UID 0, 1. W-LAN 2.4G (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.831 \text{ S/m}$; $\epsilon_r = 39.882$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.12, 7.12, 7.12) @ 2462 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-01-24; Ambient Temp: 21.2; Tissue Temp: 21.6

1.5 cm space from Body, Front, WLAN(802.11b) Ch. 11, Ant Internal

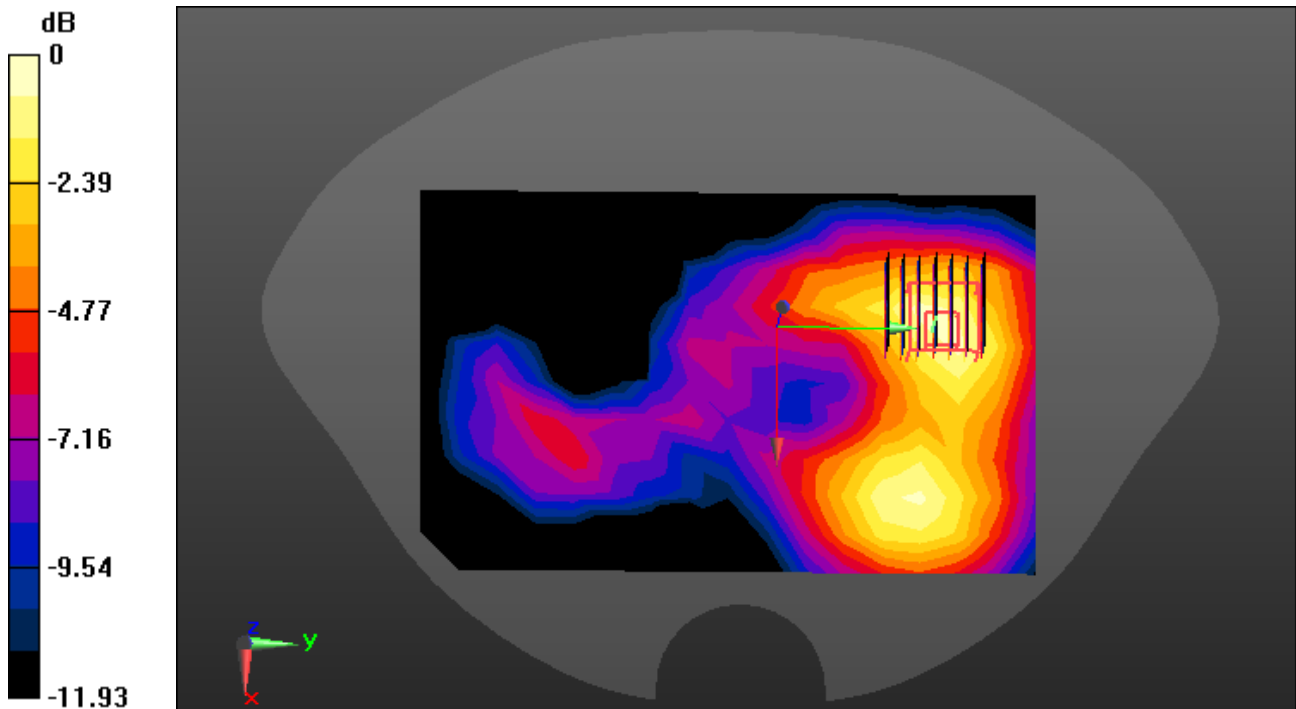
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.253 W/kg

SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.080 W/kg



0 dB = 0.198 W/kg

Dt&C Co., Ltd.

DUT: PM84; Type: PDA

Communication System: UID 0, 5G W-LAN (0); Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 4.907 \text{ S/m}$; $\epsilon_r = 35.089$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(5.04, 5.04, 5.04) @ 5280 MHz; Calibrated: 5/4/2023 Electronics: DAE4
Sn1396

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-01-25; Ambient Temp: 21.2; Tissue Temp: 21.7

1.5 cm space from Body, Rear, WLAN(802.11a) Ch. 56, Ant Internal

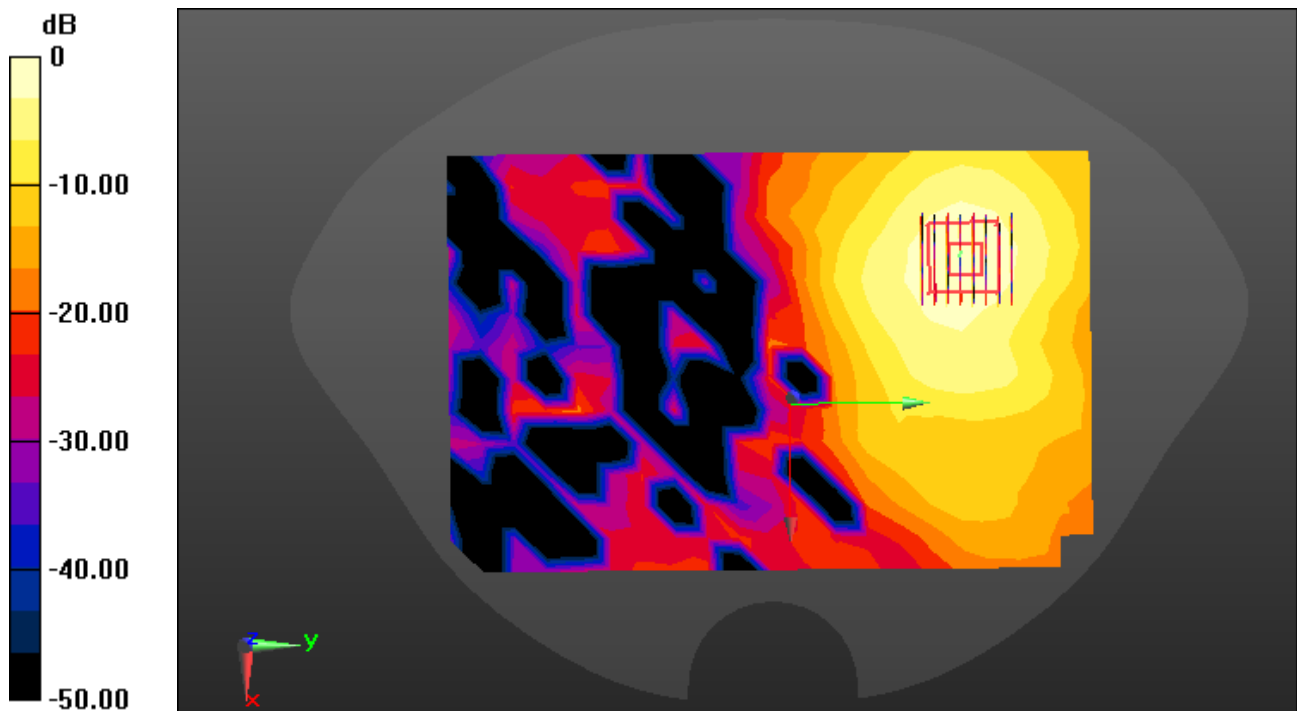
Area Scan (14x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio:1.4

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.145 W/kg



0 dB = 0.729 W/kg

Dt&C Co., Ltd.

DUT: PM84; Type: PDA

Communication System: UID 0, 1.W-LAN 5.6G&5.8G (0); Frequency: 5660 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5660 \text{ MHz}$; $\sigma = 5.245 \text{ S/m}$; $\epsilon_r = 35.889$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.41, 4.41, 4.41) @ 5660 MHz; Calibrated: 5/4/2023 Electronics: DAE4
Sn1396

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-01-26; Ambient Temp: 21.4; Tissue Temp: 21.8

1.5 cm space from Body, Rear, WLAN(802.11a) Ch. 132, Ant Internal

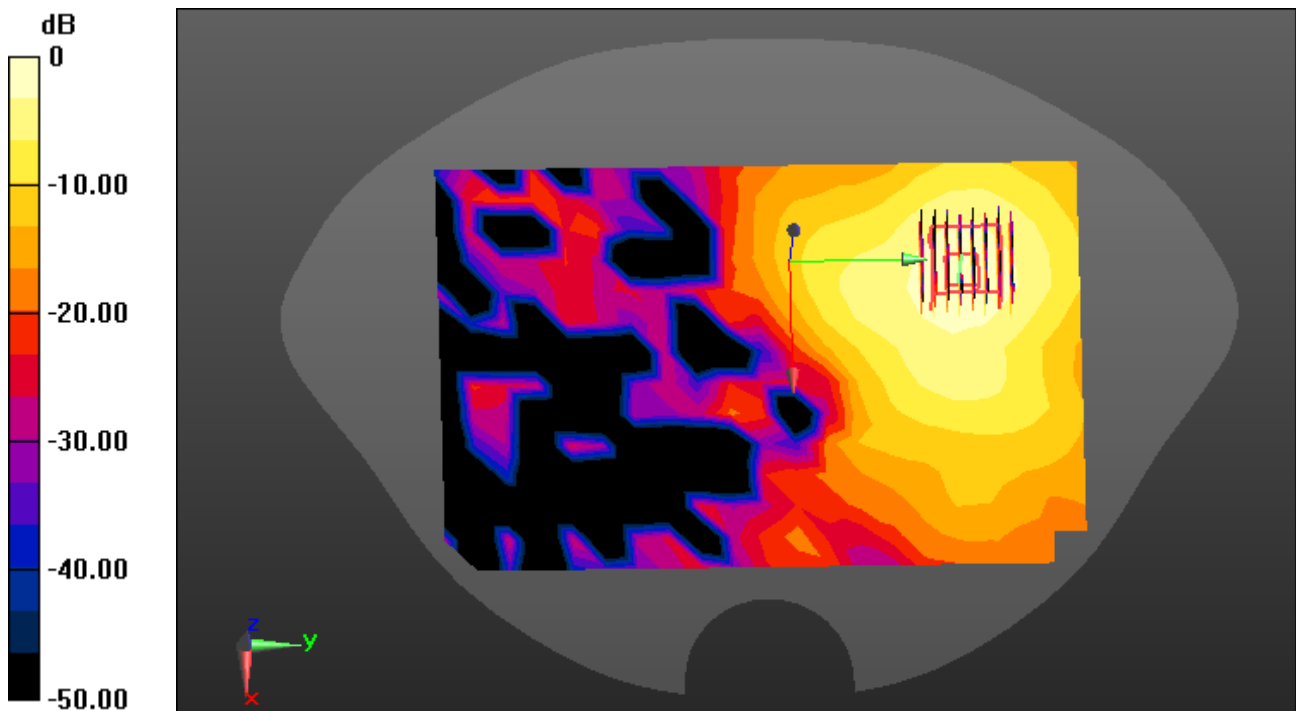
Area Scan (14x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio:1.4

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.425 W/kg; SAR(10 g) = 0.174 W/kg



0 dB = 0.926 W/kg

Dt&C Co., Ltd.

DUT: PM84; Type: PDA

Communication System: UID 0, 1.W-LAN 5.6G&5.8G (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.045 \text{ S/m}$; $\epsilon_r = 35.127$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.6, 4.6, 4.6) @ 5745 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-01-29; Ambient Temp: 21.5; Tissue Temp: 21.7

1.5 cm space from Body, Rear, WLAN(802.11a) Ch. 149, Ant Internal

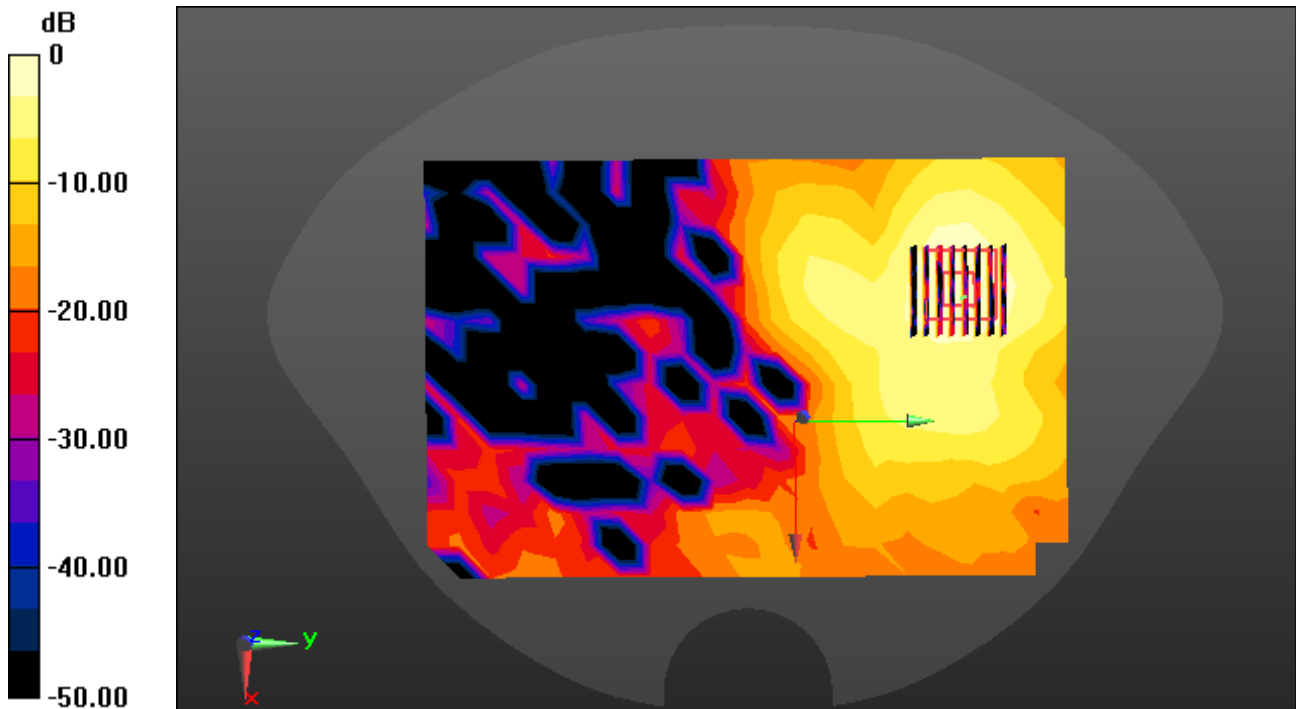
Area Scan (14x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio:1.4

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.342 W/kg; SAR(10 g) = 0.137 W/kg



0 dB = 0.748 W/kg

Dt&C Co., Ltd.

DUT: PM84; Type: PDA

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.807$ S/m; $\epsilon_r = 39.94$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.12, 7.12, 7.12) @ 2441 MHz; Calibrated: 5/4/2023 Electronics: DAE4
Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-01-24 ; Ambient Temp: 21.2; Tissue Temp: 21.6

1.5 cm space from Body, Front, Bluetooth 1 Mbps Ch. 39, Ant. Internal

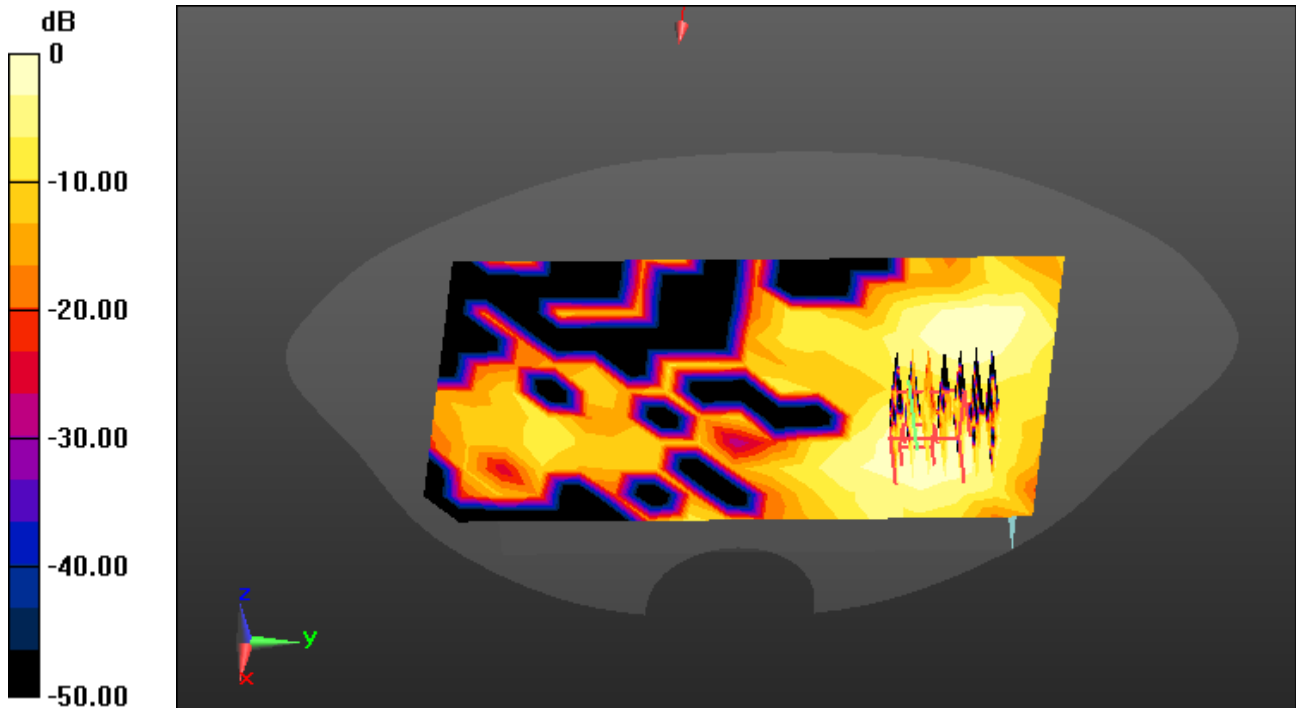
Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0190 W/kg

SAR(1 g) = 0.00557 W/kg; SAR(10 g) = 0.00199 W/kg



0 dB = 0.00923 W/kg

Dt&C Co., Ltd.

DUT: PM84; Type: PDA

Communication System: UID 0, BLE (0); Frequency: 2440 MHz; Duty Cycle: 1:1.176

Medium parameters used: $f = 2440$ MHz; $\sigma = 1.806$ S/m; $\epsilon_r = 39.943$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.12, 7.12, 7.12) @ 2440 MHz; Calibrated: 5/4/2023 Electronics: DAE4
Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-01-24 ; Ambient Temp: 21.2; Tissue Temp: 21.6

1.5 cm space from Body, Front, Bluetooth LE Ch. 19, Ant. Internal

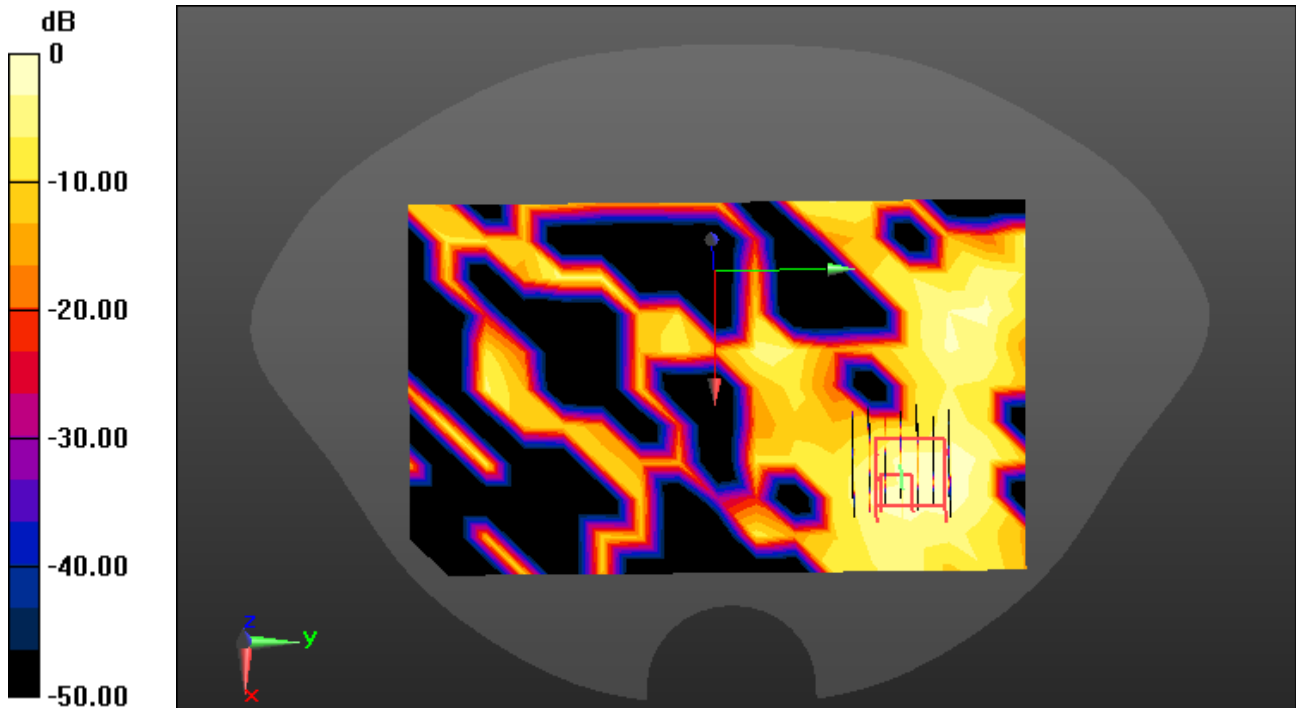
Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.0185 W/kg

SAR(1 g) = 0.00314 W/kg; SAR(10 g) = 0.00115 W/kg



0 dB = 0.00733 W/kg

Dt&C Co., Ltd.

DUT: PM84; Type: PDA

Communication System: UID 0, 1. W-LAN 2.4G (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.831 \text{ S/m}$; $\epsilon_r = 39.882$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.12, 7.12, 7.12) @ 2462 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-01-24; Ambient Temp: 21.2; Tissue Temp: 21.6

Touch from Body, Right, WLAN(802.11b) Ch. 11, Ant Internal

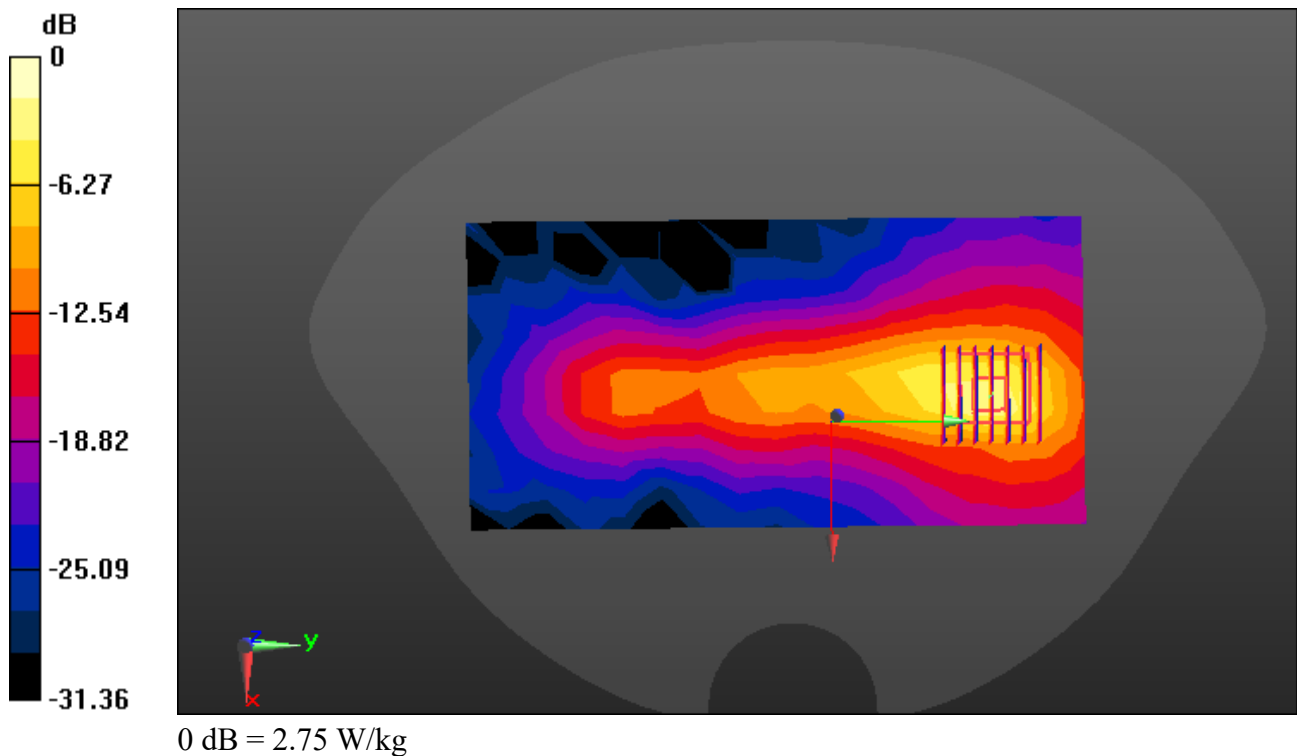
Area Scan (9x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 4.78 W/kg

SAR(1 g) = 1.43 W/kg; SAR(10 g) = 0.511 W/kg



Dt&C Co., Ltd.

DUT: PM84; Type: PDA

Communication System: UID 0, 5G W-LAN (0); Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 4.907 \text{ S/m}$; $\epsilon_r = 35.089$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(5.04, 5.04, 5.04) @ 5280 MHz; Calibrated: 5/4/2023 Electronics: DAE4
Sn1396

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-01-25; Ambient Temp: 21.2; Tissue Temp: 21.7

Touch from Body, Rear, WLAN(802.11a) Ch. 56, Ant Internal

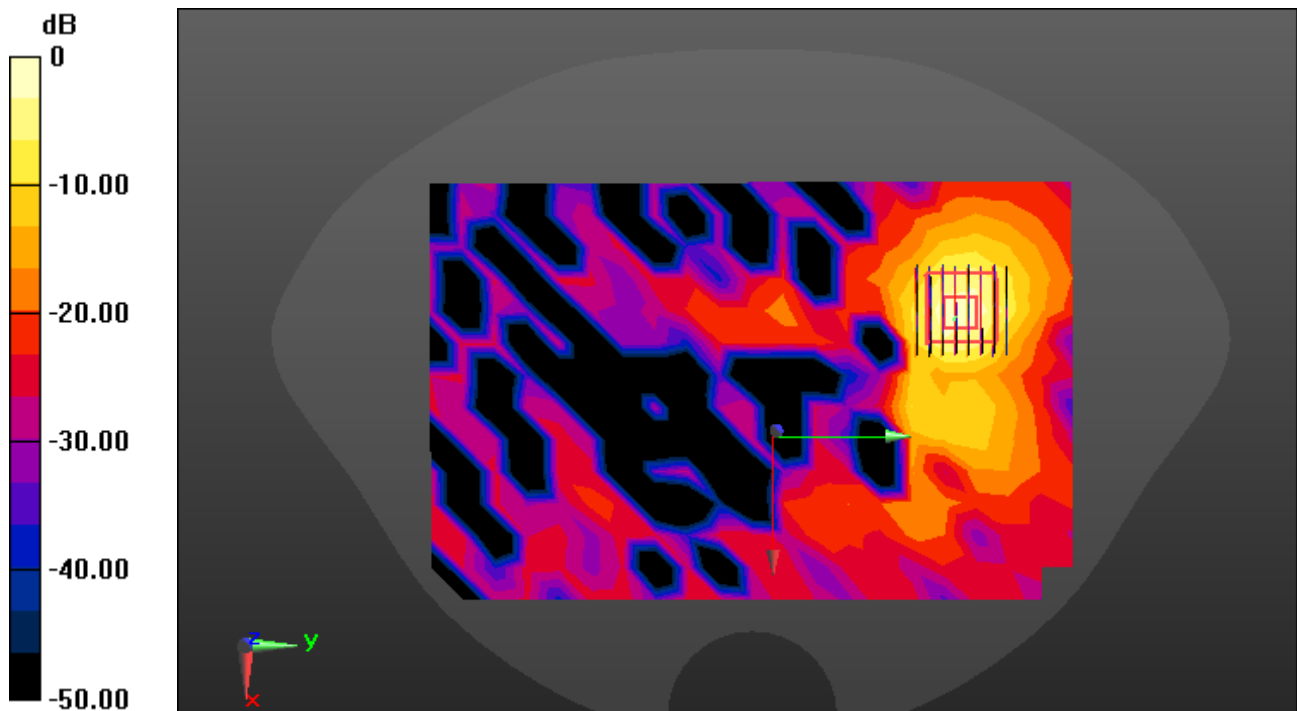
Area Scan (14x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio:1.4

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 5.03 W/kg

SAR(1 g) = 1.45 W/kg; SAR(10 g) = 0.439 W/kg



0 dB = 3.22 W/kg

Dt&C Co., Ltd.

DUT: PM84; Type: PDA

Communication System: UID 0, 1.W-LAN 5.6G&5.8G (0); Frequency: 5660 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5660 \text{ MHz}$; $\sigma = 5.245 \text{ S/m}$; $\epsilon_r = 35.889$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.41, 4.41, 4.41) @ 5660 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-01-26; Ambient Temp: 21.4; Tissue Temp: 21.8

Touch from Body, Rear, WLAN(802.11a) Ch. 132, Ant Internal

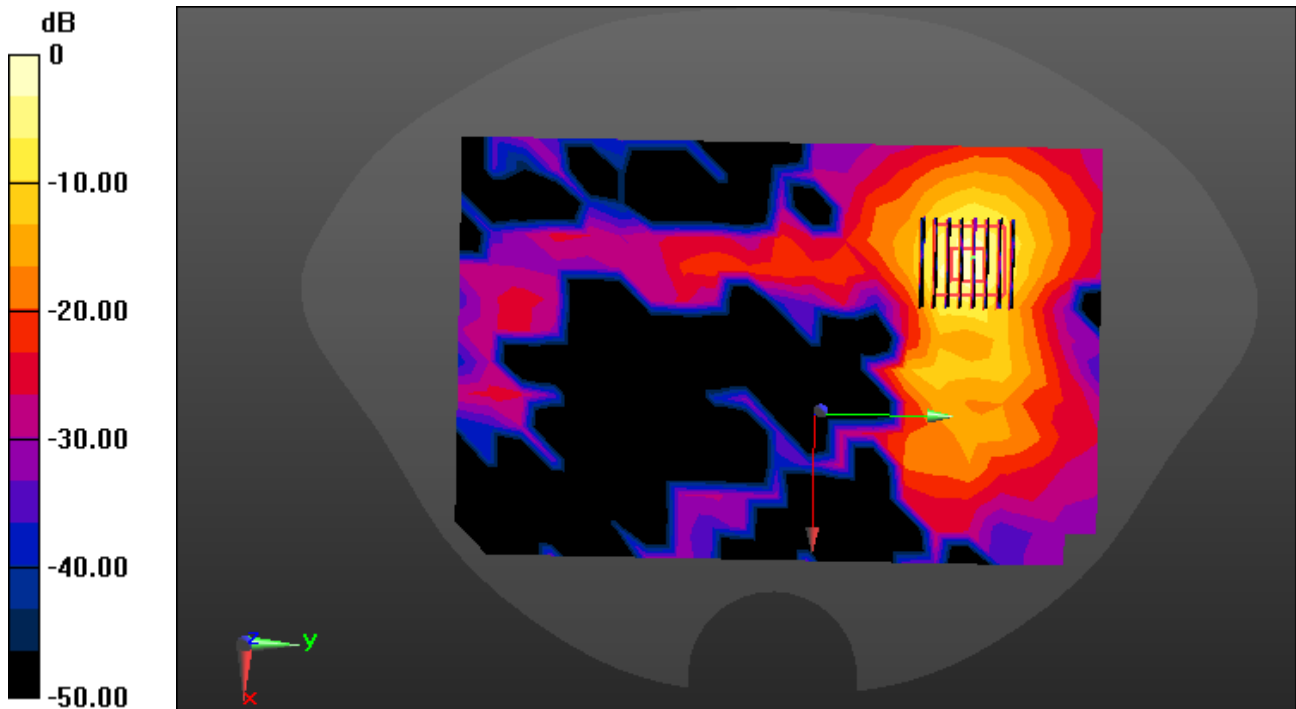
Area Scan (14x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio:1.4

Power Drift = -0.09 dB

Peak SAR (extrapolated) = 6.47 W/kg

SAR(1 g) = 1.78 W/kg; SAR(10 g) = 0.533 W/kg



0 dB = 4.12 W/kg

Dt&C Co., Ltd.

DUT: PM84; Type: PDA

Communication System: UID 0, 1.W-LAN 5.6G&5.8G (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.045 \text{ S/m}$; $\epsilon_r = 35.127$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.6, 4.6, 4.6) @ 5745 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-01-29; Ambient Temp: 21.5; Tissue Temp: 21.7

Touch from Body, Rear, WLAN(802.11a) Ch. 149, Ant Internal

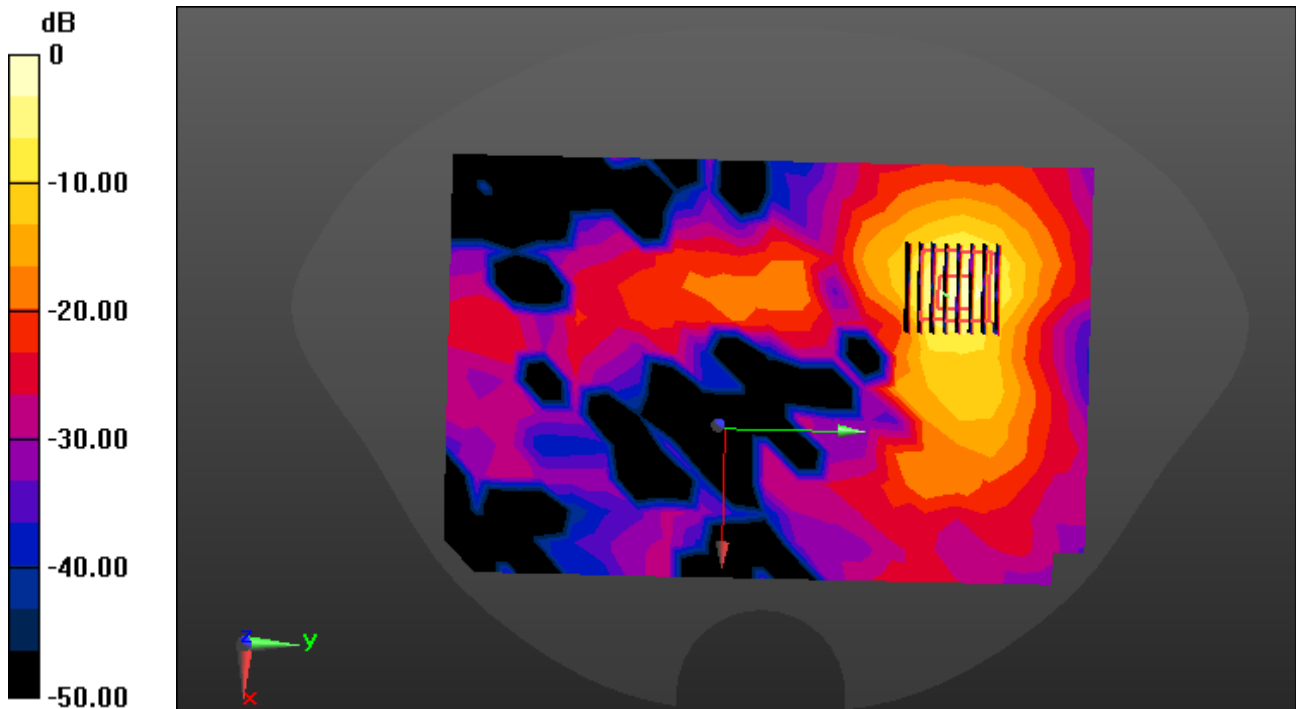
Area Scan (14x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio:1.4

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 8.05 W/kg

SAR(1 g) = 2.06 W/kg; SAR(10 g) = 0.611 W/kg



0 dB = 4.80 W/kg

Dt&C Co., Ltd.

DUT: PM84; Type: PDA;

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.807 \text{ S/m}$; $\epsilon_r = 39.94$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.12, 7.12, 7.12) @ 2441 MHz; Calibrated: 5/4/2023 Electronics: DAE4
Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-01-24 ; Ambient Temp: 21.2; Tissue Temp: 21.6

Touch from Body, Right, Bluetooth 1 Mbps Ch. 39, Ant. Internal

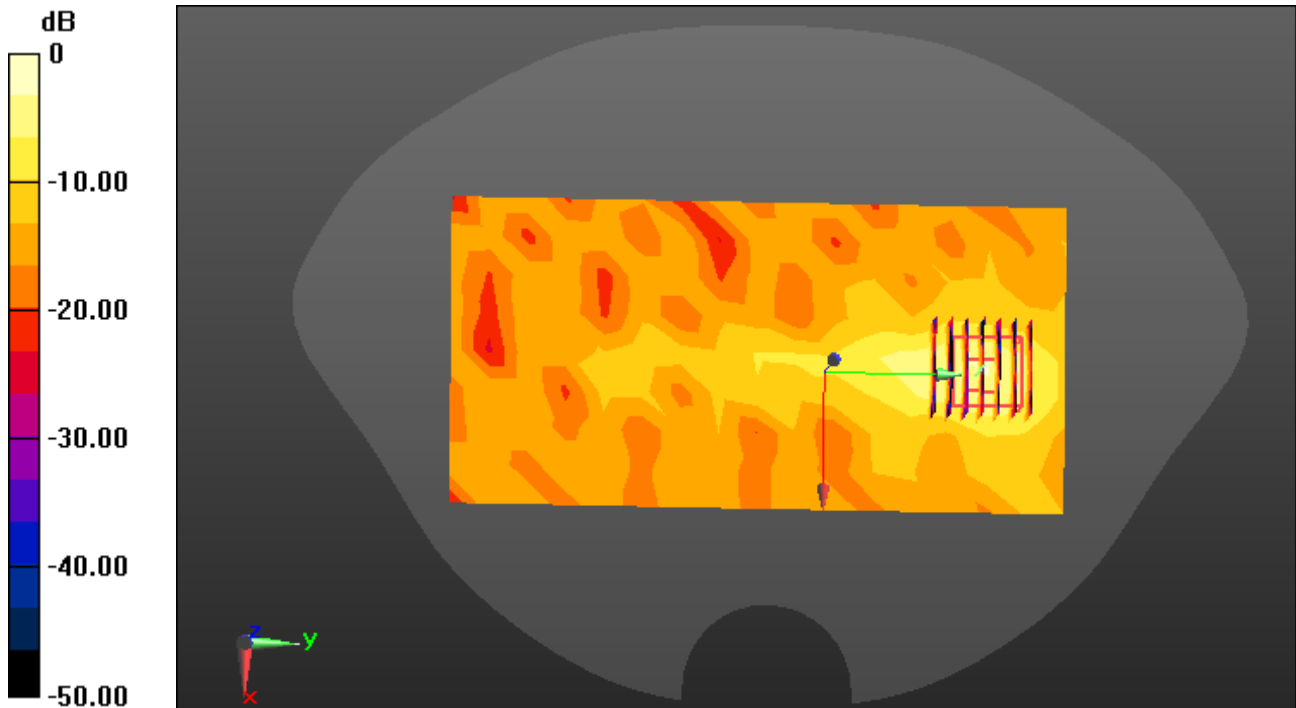
Area Scan (9x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.235 W/kg

SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.021 W/kg



0 dB = 0.133 W/kg

Dt&C Co., Ltd.

DUT: PM84; Type: PDA

Communication System: UID 0, BLE (0); Frequency: 2440 MHz; Duty Cycle: 1:1.176

Medium parameters used: $f = 2440$ MHz; $\sigma = 1.806$ S/m; $\epsilon_r = 39.943$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.12, 7.12, 7.12) @ 2440 MHz; Calibrated: 5/4/2023 Electronics: DAE4
Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-01-24 ; Ambient Temp: 21.2; Tissue Temp: 21.6

Touch from Body, Right, Bluetooth LE Ch. 19, Ant. Internal

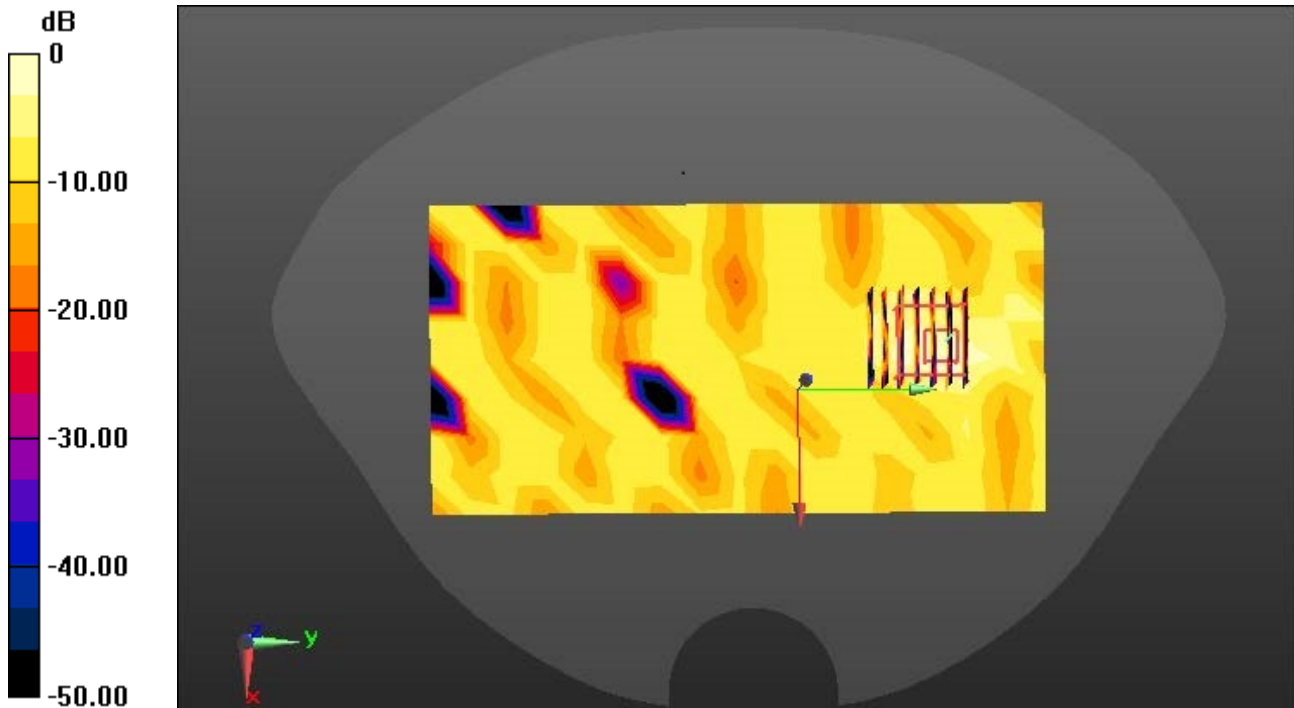
Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.0490 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00384 W/kg



Dt&C Co., Ltd.

DUT: PM84W; Type: PDA

Communication System: UID 0, NFC (0); Frequency: 13.56 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 13.6 \text{ MHz}$; $\sigma = 0.747 \text{ S/m}$; $\epsilon_r = 54.708$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(17.86, 17.86, 17.86) @ 13.56 MHz; Calibrated: 3/22/2023 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1166

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-01-25; Ambient Temp: 21.2; Tissue Temp: 21.7

Touch from Body, Front, NFC Ch. 13600, Ant. Internal

Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.205 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.023 W/kg

