

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; $\sigma = 1.846$ S/m; $\epsilon_r = 38.122$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.87, 7.87, 7.87); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-02; Ambient Temp: 20.5; Tissue Temp: 21.1

2450 MHz System Head Verification (100mW)

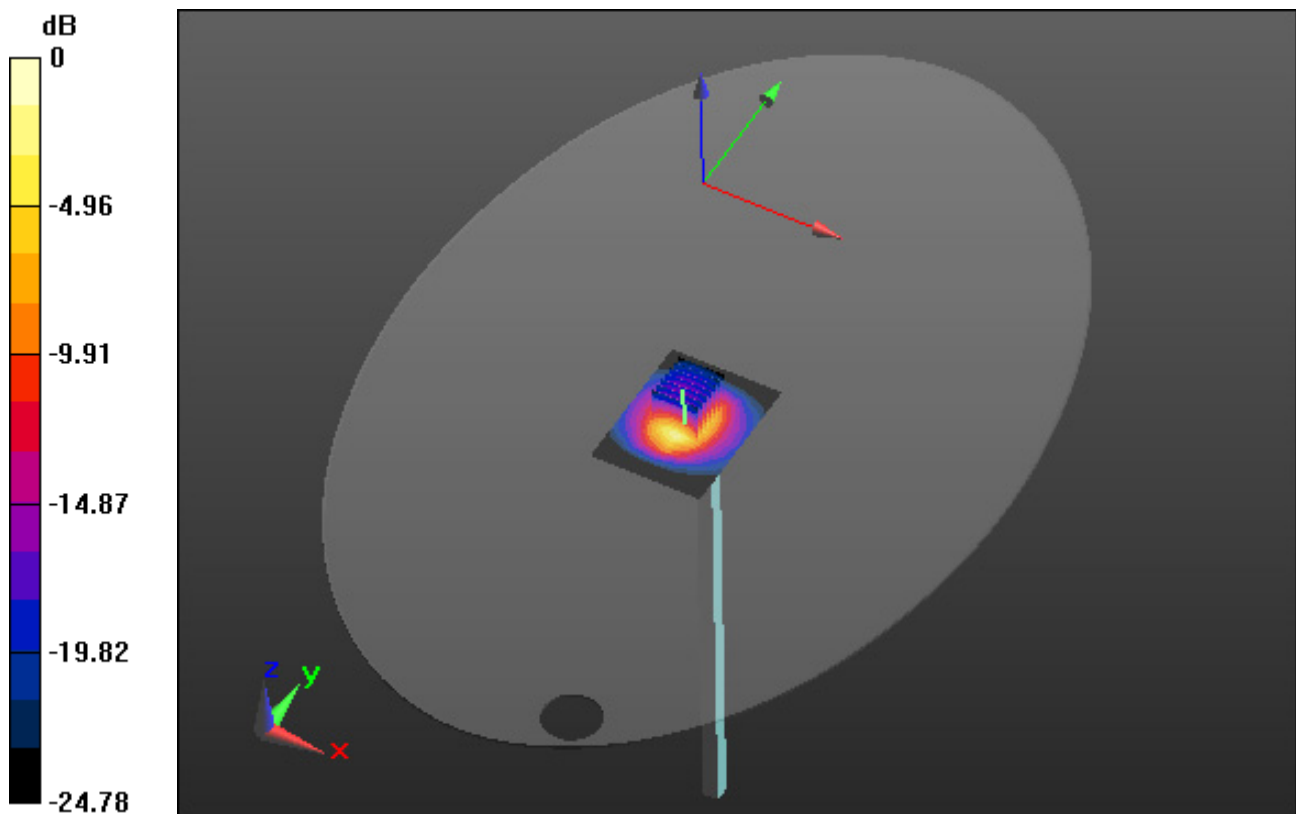
Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 11.0 W/kg

SAR(1 g) = 5.07 W/kg; SAR(10 g) = 2.38 W/kg



0 dB = 7.87 W/kg

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; $\sigma = 1.99$ S/m; $\epsilon_r = 51.31$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.9, 7.9, 7.9); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-03; Ambient Temp: 20.7; Tissue Temp: 21.4

2450 MHz System Body Verification (100mW)

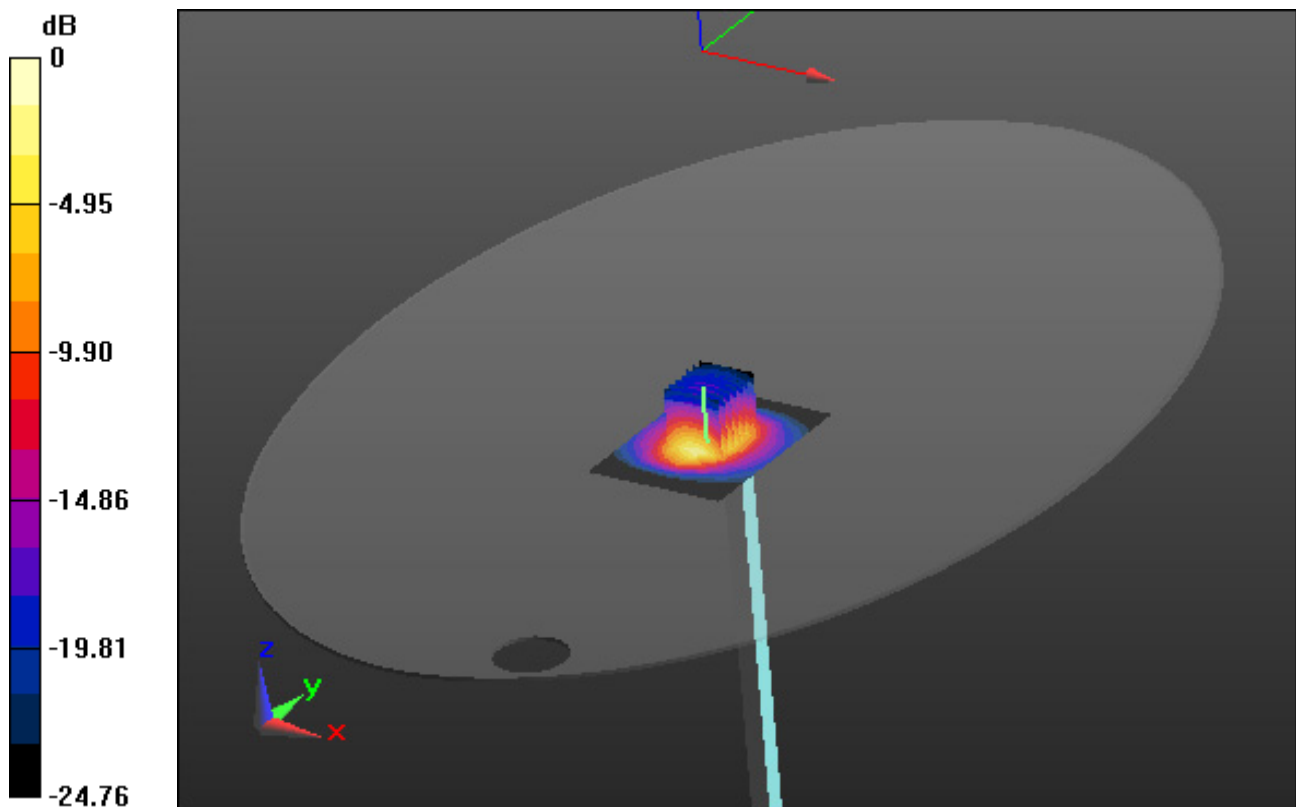
Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 11.7 W/kg

SAR(1 g) = 5.34 W/kg; SAR(10 g) = 2.55 W/kg



0 dB = 8.43 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: $f = 5300$ MHz; $\sigma = 4.9$ S/m; $\epsilon_r = 35.185$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(5.24, 5.24, 5.24); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-04; Ambient Temp: 20.9; Tissue Temp: 21.6

5300 MHz System Head Verification (100mW)

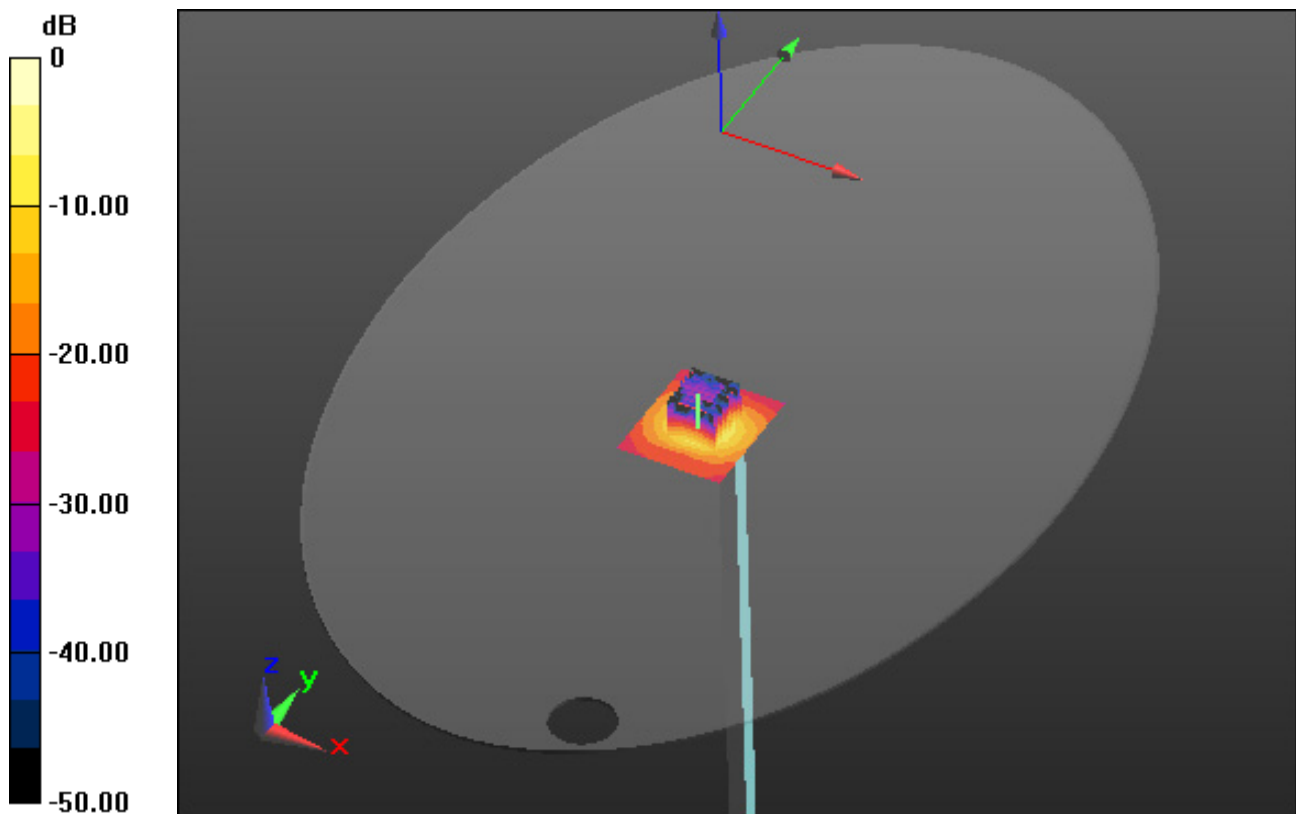
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 33.3 W/kg

SAR(1 g) = 8.13 W/kg; SAR(10 g) = 2.32 W/kg



0 dB = 19.2 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: $f = 5300$ MHz; $\sigma = 5.28$ S/m; $\epsilon_r = 47.421$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.7, 4.7, 4.7); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-08; Ambient Temp: 21.0; Tissue Temp: 21.9

5300 MHz System Body Verification (100mW)

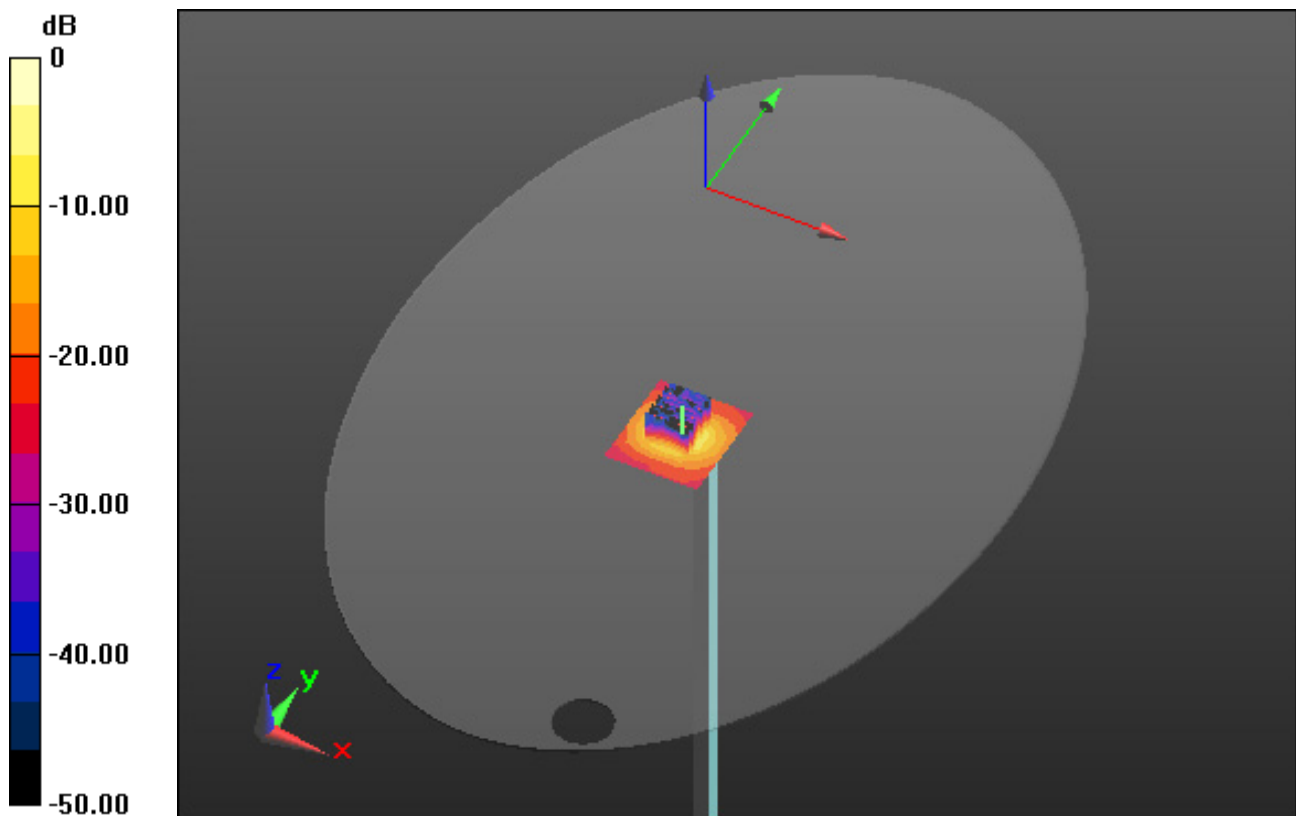
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 32.6 W/kg

SAR(1 g) = 7.48 W/kg; SAR(10 g) = 2.08 W/kg



0 dB = 18.3 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; $\sigma = 5.064$ S/m; $\epsilon_r = 35.452$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.97, 4.97, 4.97); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-09; Ambient Temp: 20.5; Tissue Temp: 21.6

5500 MHz System Head Verification (100mW)

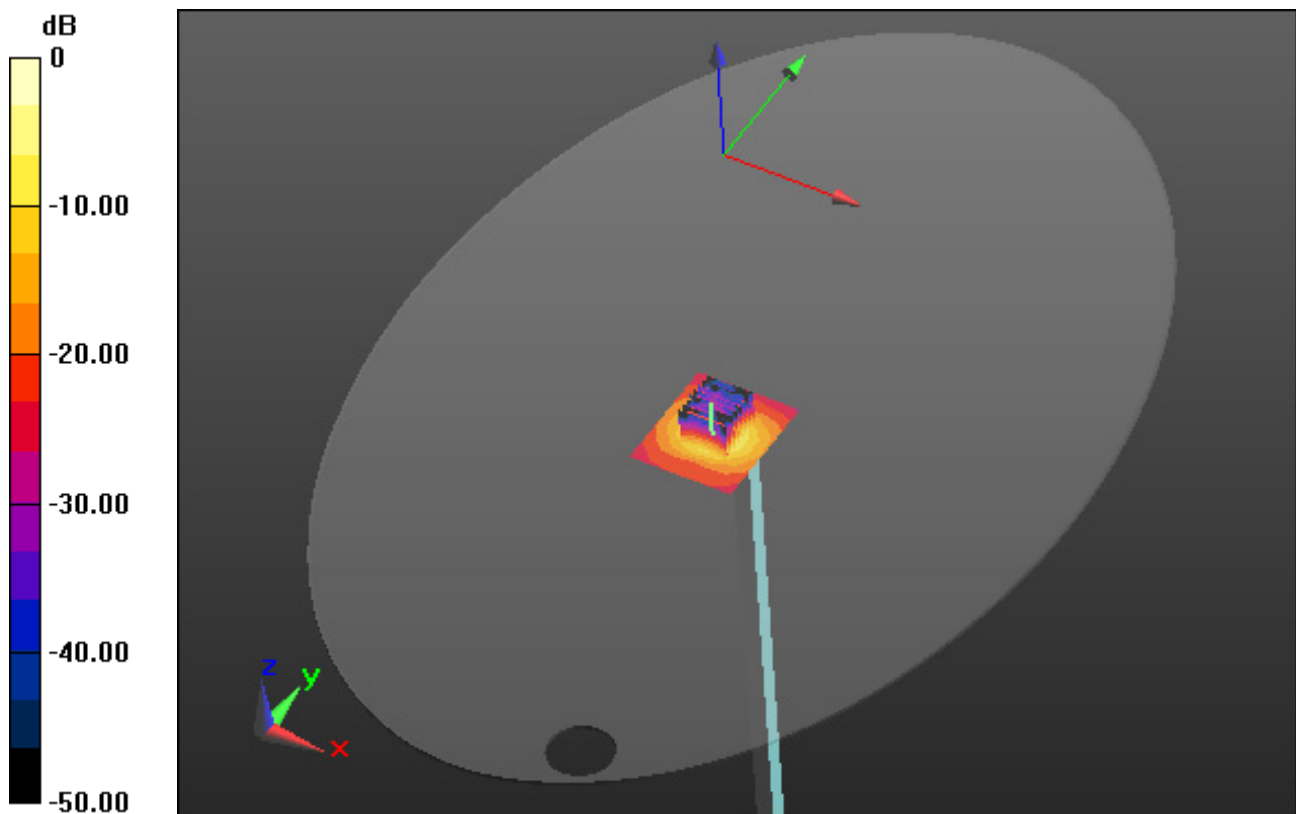
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 34.3 W/kg

SAR(1 g) = 8.65 W/kg; SAR(10 g) = 2.48 W/kg



0 dB = 20.4 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; $\sigma = 5.675$ S/m; $\epsilon_r = 47.328$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.41, 4.41, 4.41); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-10; Ambient Temp: 21.4; Tissue Temp: 22.3

5500 MHz System Body Verification (100mW)

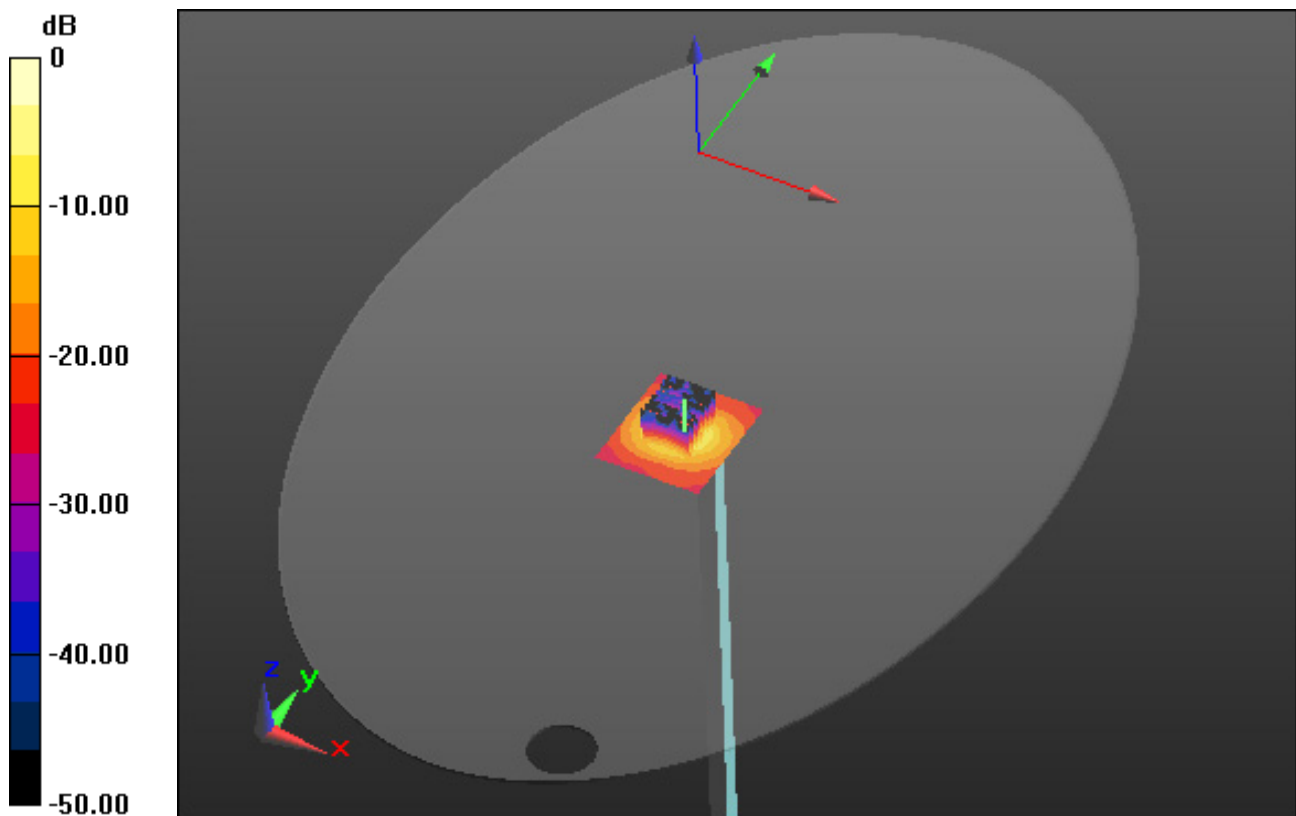
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 32.6 W/kg

SAR(1 g) = 7.55 W/kg; SAR(10 g) = 2.1 W/kg



0 dB = 18.4 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; $\sigma = 5.196$ S/m; $\epsilon_r = 35.366$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.86, 4.86, 4.86); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-09; Ambient Temp: 20.5; Tissue Temp: 21.6

5600 MHz System Head Verification (100mW)

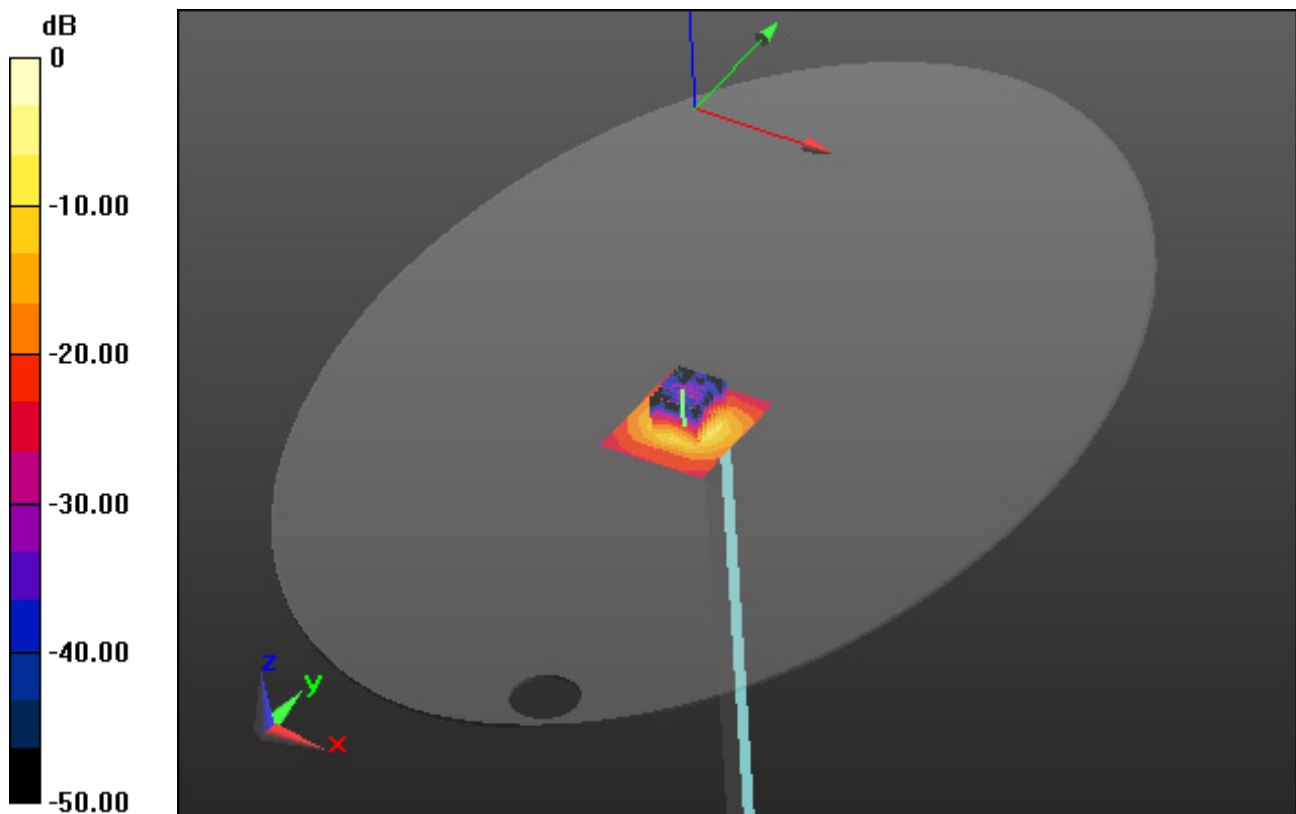
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.14 dB

Peak SAR (extrapolated) = 34.0 W/kg

SAR(1 g) = 8.53 W/kg; SAR(10 g) = 2.45 W/kg



0 dB = 20.3 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; $\sigma = 5.809$ S/m; $\epsilon_r = 47.138$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.22, 4.22, 4.22); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-10; Ambient Temp: 21.4; Tissue Temp: 22.3

5600 MHz System Body Verification (100mW)

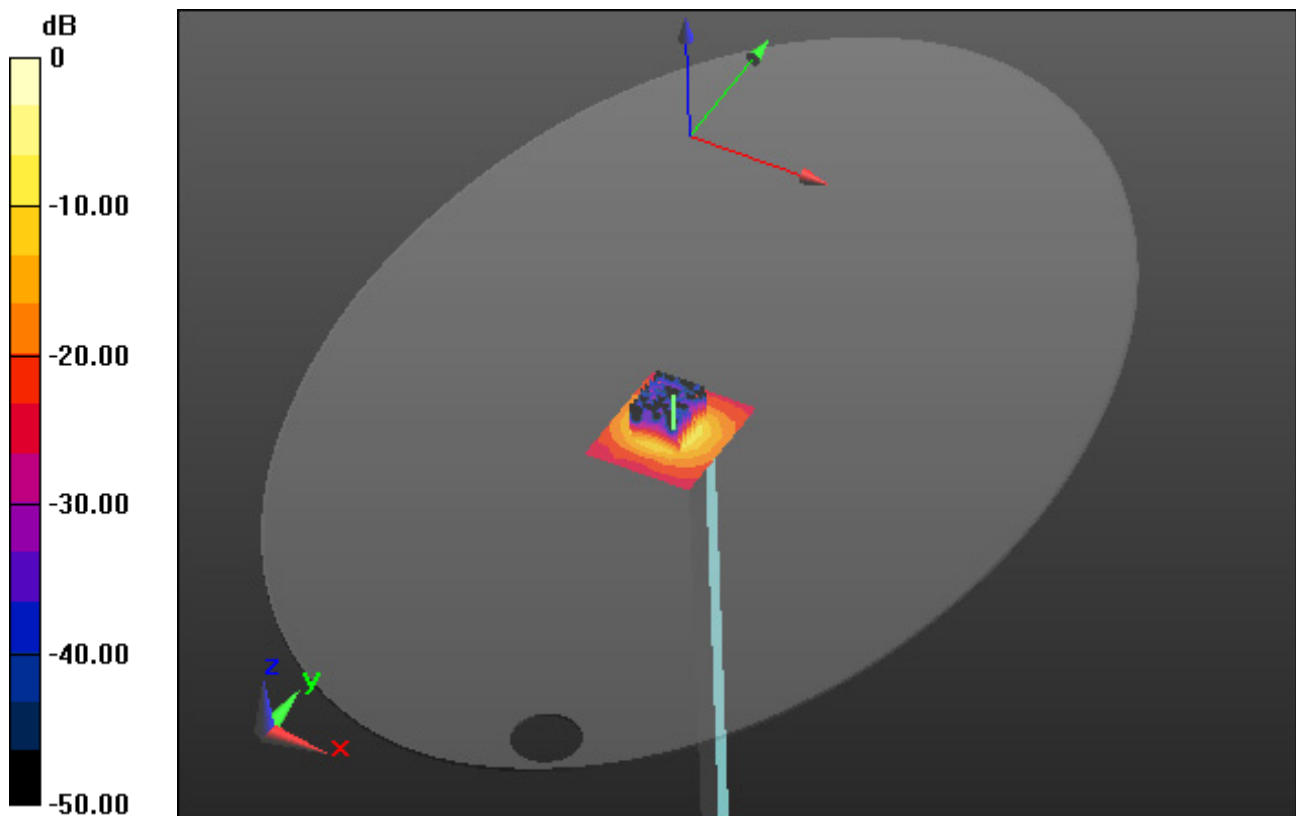
Area Scan (7x8x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 34.7 W/kg

SAR(1 g) = 7.57 W/kg; SAR(10 g) = 2.09 W/kg



0 dB = 18.8 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: $f = 5800$ MHz; $\sigma = 5.46$ S/m; $\epsilon_r = 35.596$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

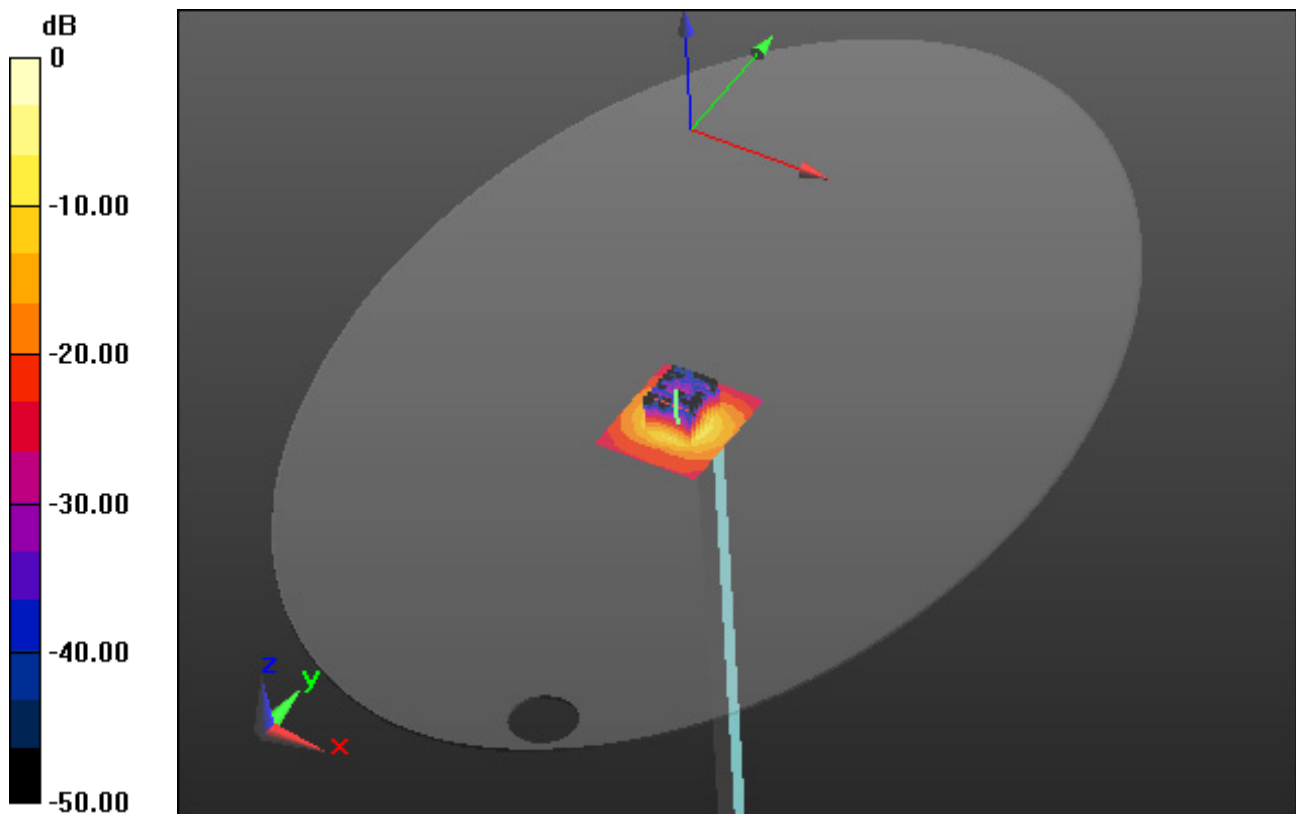
Probe: EX3DV4 - SN3930; ConvF(4.83, 4.83, 4.83), Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-11; Ambient Temp: 20.9; Tissue Temp: 21.7

5800 MHz System Head Verification (100mW)

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 = -0.16 dB
Peak SAR (extrapolated) = 32.1 W/kg
SAR(1 g) = 7.98 W/kg; SAR(10 g) = 2.28 W/kg



0 dB = 19.0 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: $f = 5800$ MHz; $\sigma = 6.092$ S/m; $\epsilon_r = 46.994$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.33, 4.33, 4.33); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-14; Ambient Temp: 20.4; Tissue Temp: 21.5

5800 MHz System Body Verification (100mW)

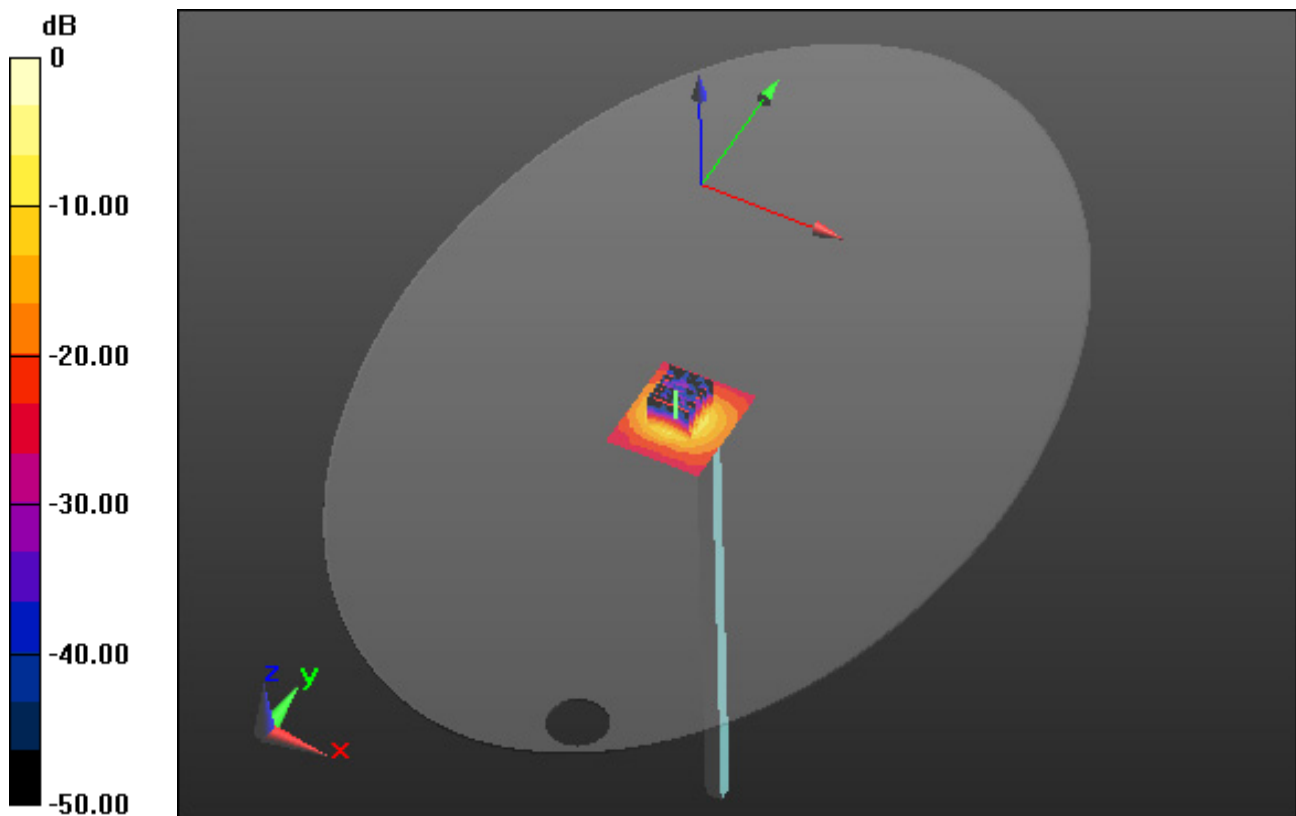
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 35.6 W/kg

SAR(1 g) = 7.71 W/kg; SAR(10 g) = 2.13 W/kg



0 dB = 18.9 W/kg

DT&C Co., Ltd.

DUT: 14HK701G; Type: X-ray Detector

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

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.857 \text{ S/m}$; $\epsilon_r = 38.058$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.87, 7.87, 7.87); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-02; Ambient Temp: 20.5; Tissue Temp: 21.1

Touch from Body, Front, WLAN(802.11b) Ch. 11, Ant Internal, Ant.1

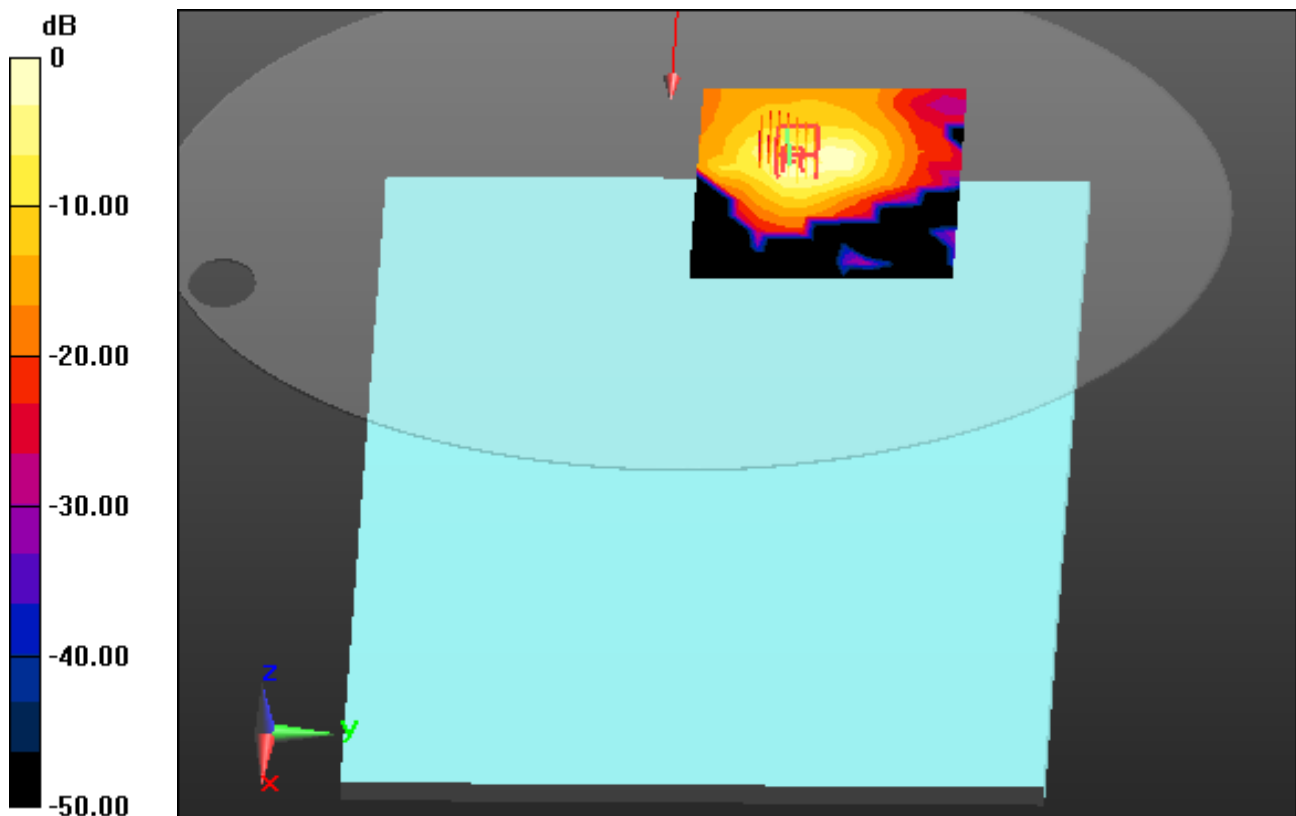
Area Scan (13x13x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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) = 0.450 W/kg

SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.087 W/kg



0 dB = 0.308 W/kg

DT&C Co., Ltd.

DUT: 14HK701G; Type: X-ray Detector

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.81 \text{ S/m}$; $\epsilon_r = 38.224$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.87, 7.87, 7.87); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-02; Ambient Temp: 20.5; Tissue Temp: 21.1

Touch from Body, Front, WLAN(802.11b) Ch. 1, Ant Internal, Ant.2

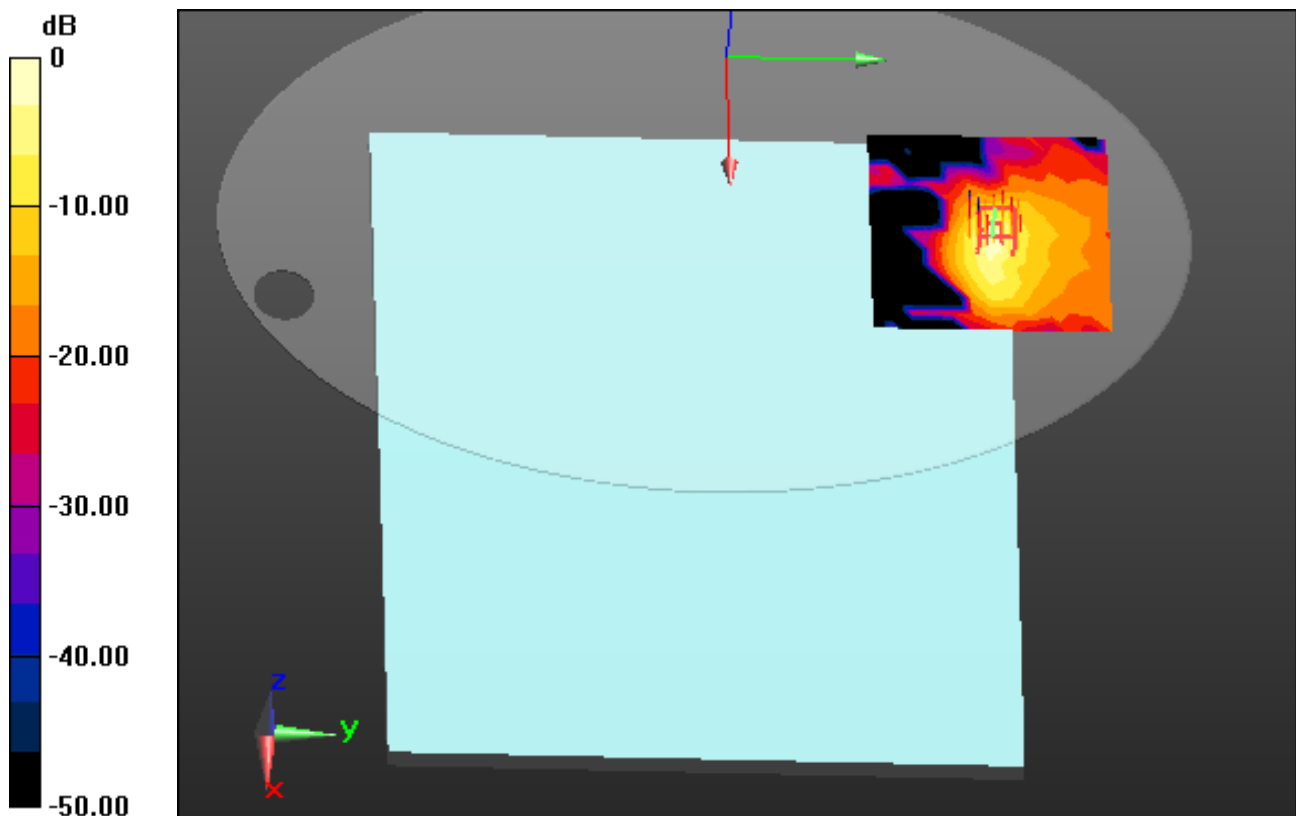
Area Scan (13x13x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.337 W/kg

SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.054 W/kg



0 dB = 0.221 W/kg

DT&C Co., Ltd.

DUT: 14HK701G; Type: X-ray Detector

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.834$ S/m; $\epsilon_r = 38.179$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.87, 7.87, 7.87); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-02; Ambient Temp: 20.5; Tissue Temp: 21.1

Touch from Body, Front, WLAN(802.11g) Ch. 6, Ant Internal, MIMO

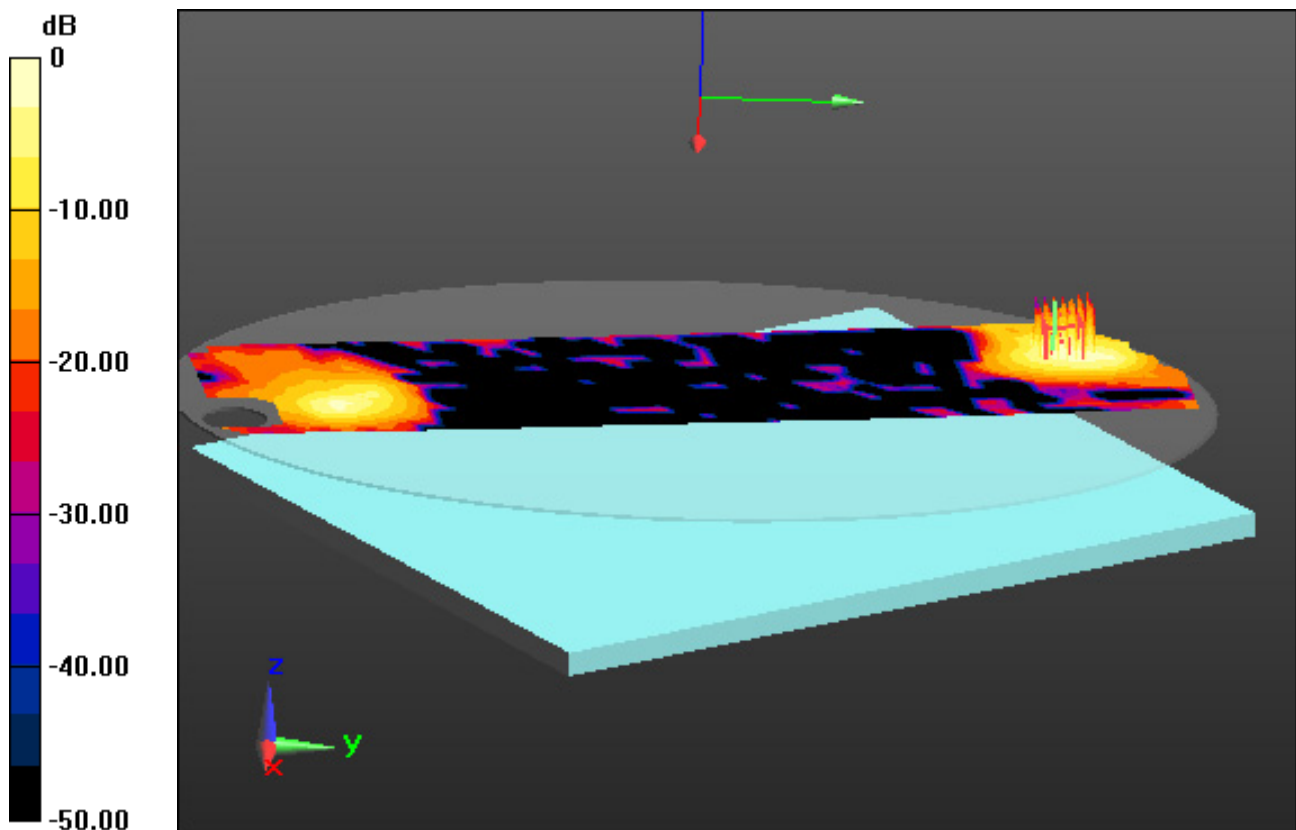
Area Scan (13x47x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.208 W/kg

SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.043 W/kg



0 dB = 0.145 W/kg

DT&C Co., Ltd.

DUT: 14HK701G; Type: X-ray Detector

Communication System: UID 0, W-LAN 5G (0); Frequency: 5270 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5270 \text{ MHz}$; $\sigma = 4.867 \text{ S/m}$; $\epsilon_r = 35.221$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(5.24, 5.24, 5.24); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-04; Ambient Temp: 20.9; Tissue Temp: 21.6

Touch from Body, Front, WLAN(802.11ac VHT40) Ch. 54, Ant Internal, Ant.1

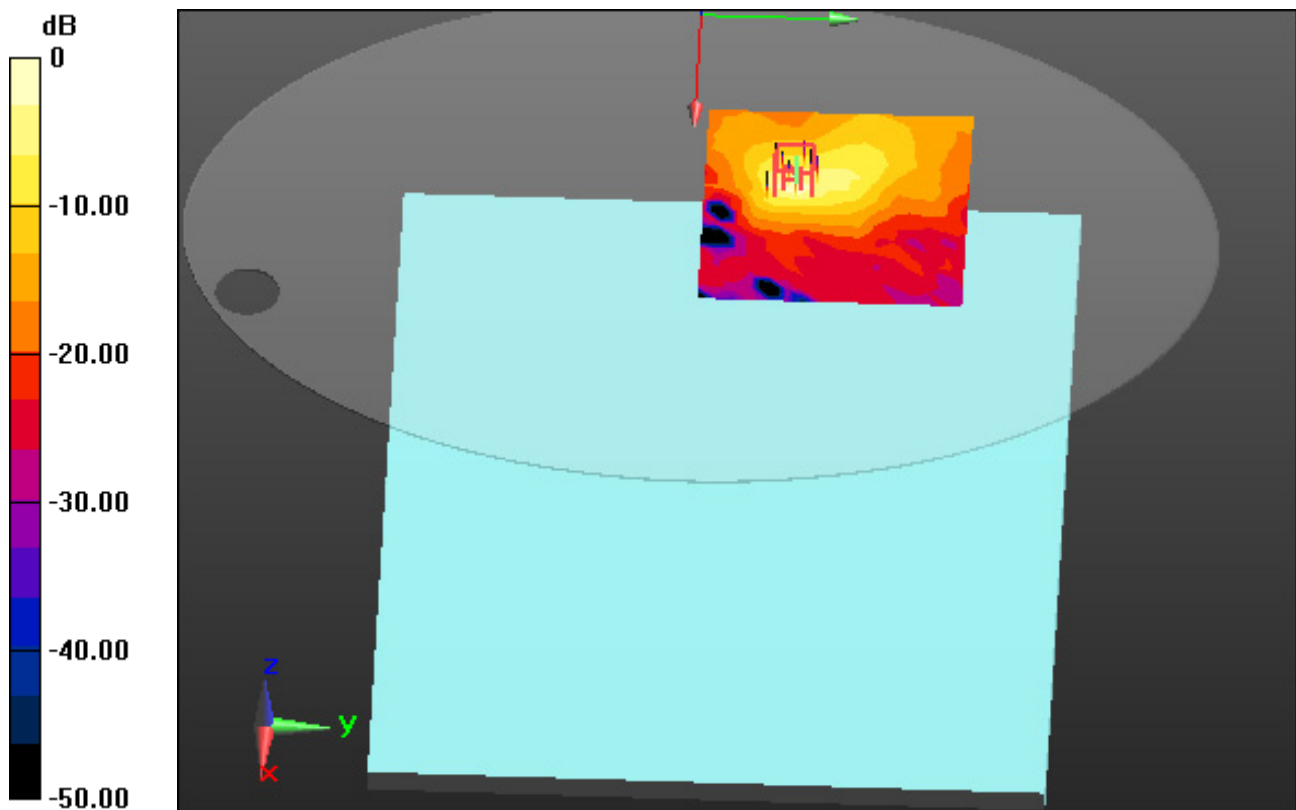
Area Scan (16x16x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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 = 0.18 dB

Peak SAR (extrapolated) = 2.26 W/kg

SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.149 W/kg



DT&C Co., Ltd.

DUT: 14HK701G; Type: X-ray Detector

Communication System: UID 0, W-LAN 5G (0); Frequency: 5270 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5270 \text{ MHz}$; $\sigma = 4.867 \text{ S/m}$; $\epsilon_r = 35.221$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(5.24, 5.24, 5.24); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-04; Ambient Temp: 20.9; Tissue Temp: 21.6

Touch from Body, Front, WLAN(802.11ac VHT40) Ch. 54, Ant Internal, Ant.2

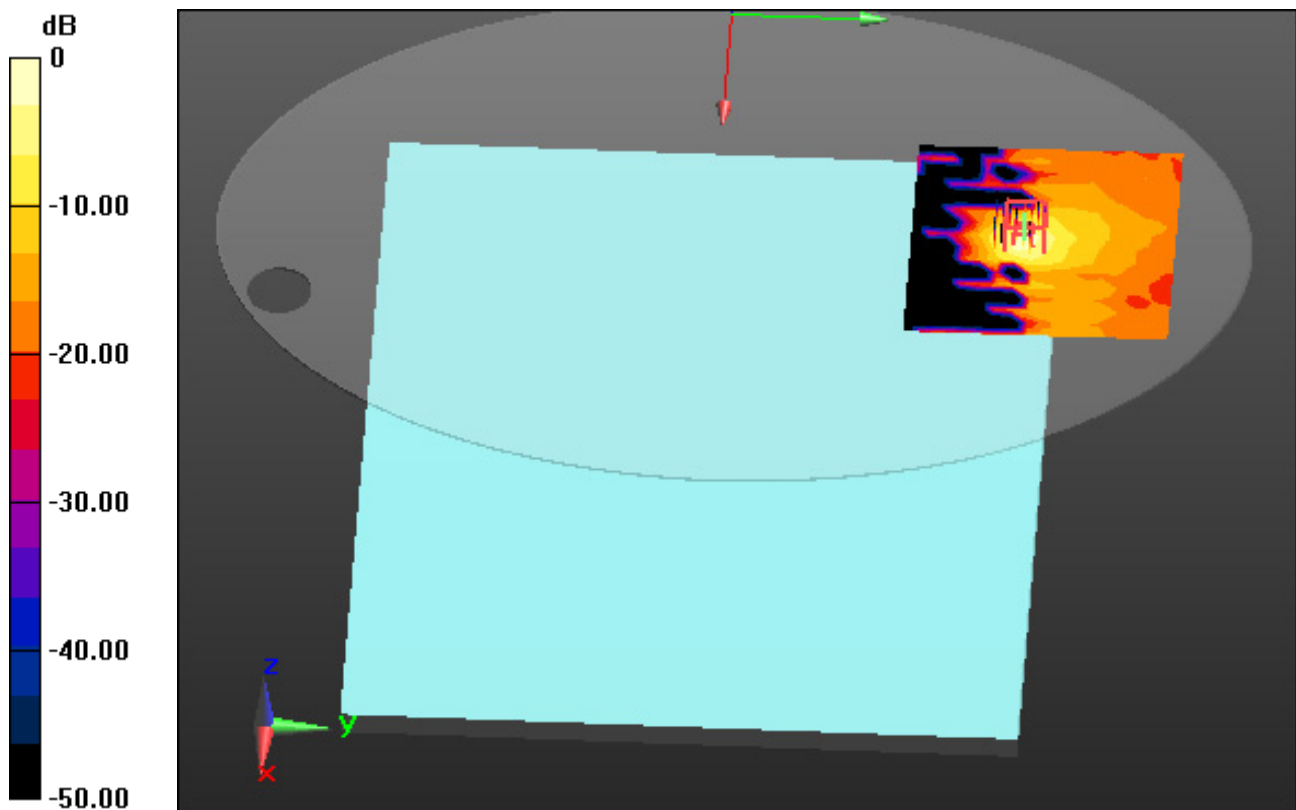
Area Scan (16x16x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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 = -0.16 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.079 W/kg



0 dB = 0.657 W/kg

DT&C Co., Ltd.

DUT: 14HK701G; Type: X-ray Detector

Communication System: UID 0, W-LAN 5G (0); Frequency: 5270 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5270 \text{ MHz}$; $\sigma = 4.867 \text{ S/m}$; $\epsilon_r = 35.221$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(5.24, 5.24, 5.24); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-04; Ambient Temp: 20.9; Tissue Temp: 21.6

Touch from Body, Front, WLAN(802.11ac VHT40) Ch. 54, Ant Internal, MIMO

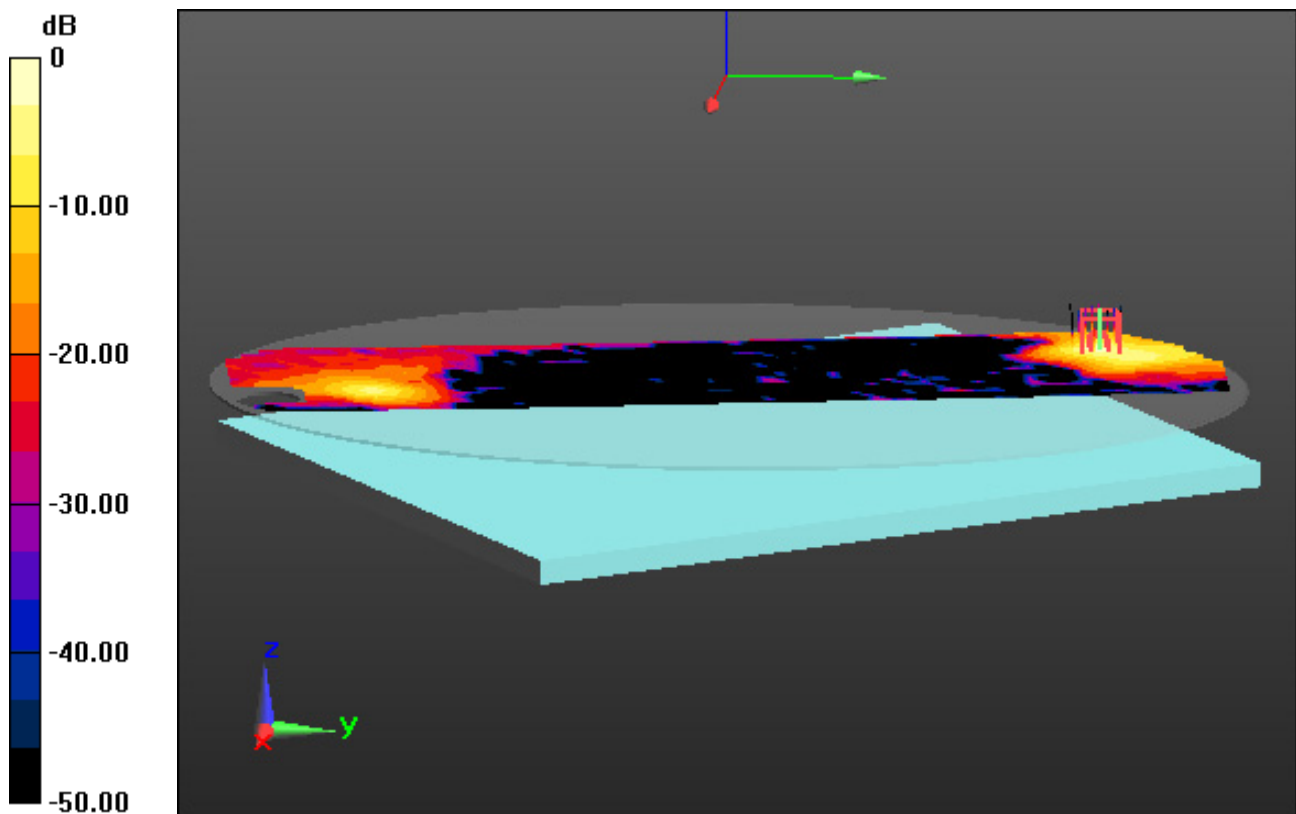
Area Scan (16x57x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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 = -0.15 dB

Peak SAR (extrapolated) = 2.21 W/kg

SAR(1 g) = 0.498 W/kg; SAR(10 g) = 0.153 W/kg



0 dB = 1.24 W/kg

DT&C Co., Ltd.

DUT: 14HK701G; Type: X-ray Detector

Communication System: UID 0, W-LAN 5G (0); Frequency: 5690 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5690 \text{ MHz}$; $\sigma = 5.307 \text{ S/m}$; $\epsilon_r = 35.265$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.86, 4.86, 4.86); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-09; Ambient Temp: 20.5; Tissue Temp: 21.6

Touch from Body, Front, WLAN(802.11ac VHT80) Ch. 138, Ant Internal, Ant.1

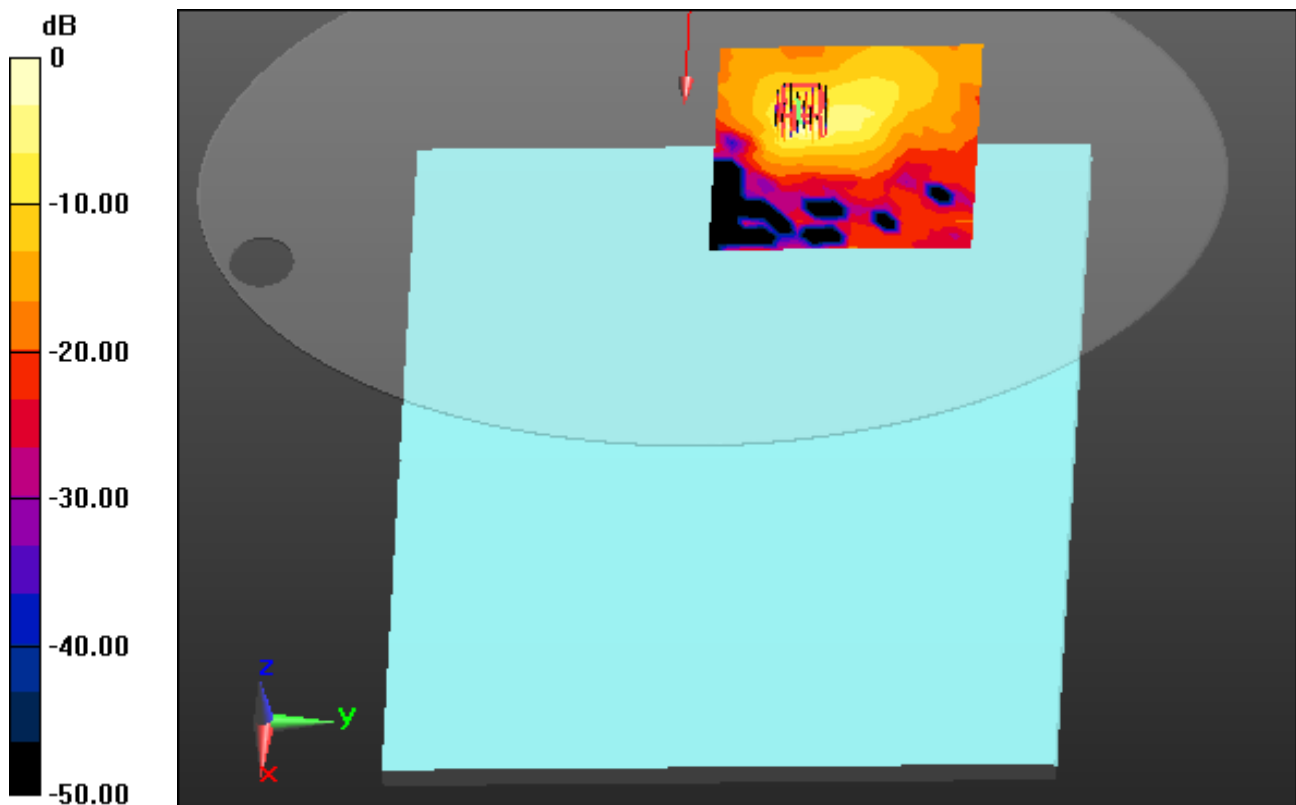
Area Scan (16x16x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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 = 0.15 dB

Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 0.378 W/kg; SAR(10 g) = 0.113 W/kg



0 dB = 0.947 W/kg

DT&C Co., Ltd.

DUT: 14HK701G; Type: X-ray Detector

Communication System: UID 0, W-LAN 5G (0); Frequency: 5690 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5690 \text{ MHz}$; $\sigma = 5.307 \text{ S/m}$; $\epsilon_r = 35.265$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.86, 4.86, 4.86); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-09; Ambient Temp: 20.5; Tissue Temp: 21.6

Touch from Body, Front, WLAN(802.11ac VHT80) Ch. 138, Ant Internal, Ant.2

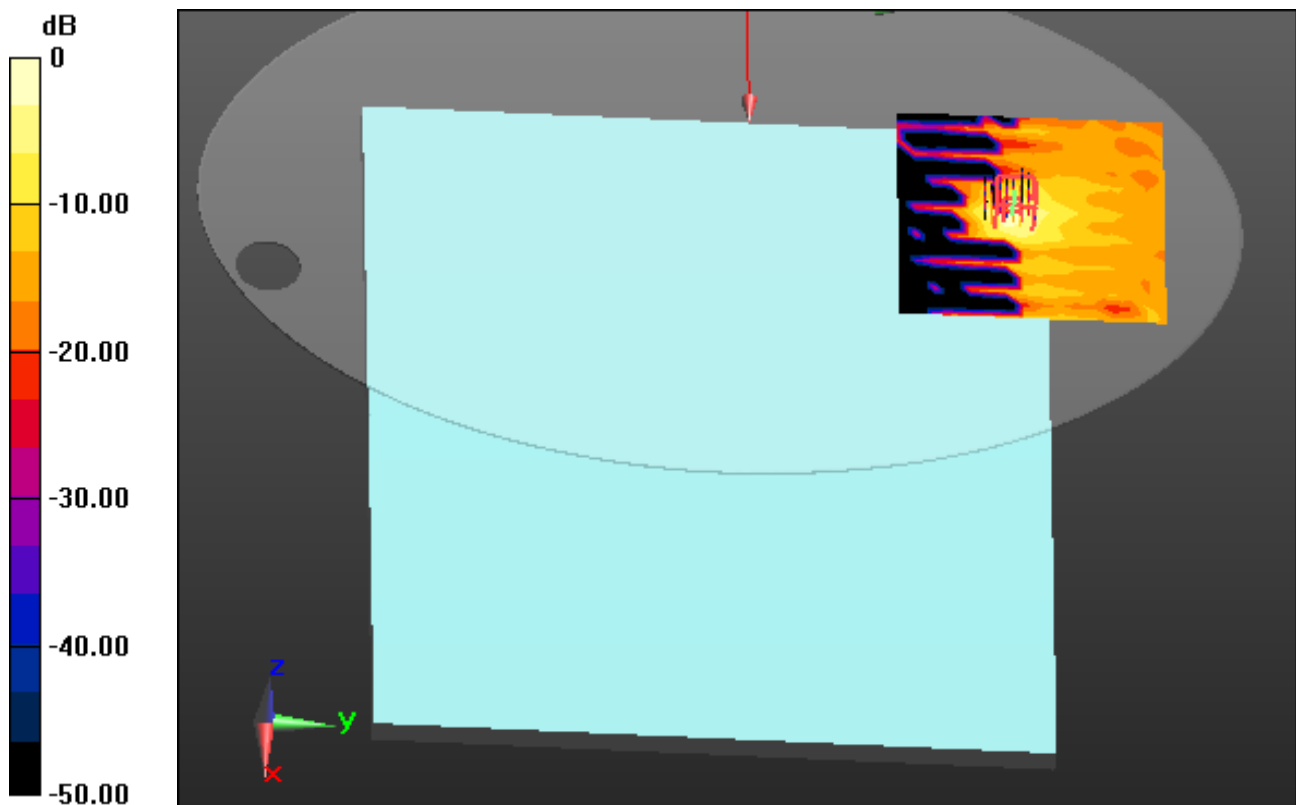
Area Scan (16x16x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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 = -0.14 dB

Peak SAR (extrapolated) = 0.767 W/kg

SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.052 W/kg



0 dB = 0.424 W/kg

DT&C Co., Ltd.

DUT: 14HK701G; Type: X-ray Detector

Communication System: UID 0, W-LAN 5G (0); Frequency: 5690 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5690 \text{ MHz}$; $\sigma = 5.307 \text{ S/m}$; $\epsilon_r = 35.265$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.86, 4.86, 4.86); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-09; Ambient Temp: 20.5; Tissue Temp: 21.6

Touch from Body, Front, WLAN(802.11ac VHT80) Ch. 138, Ant Internal, MIMO

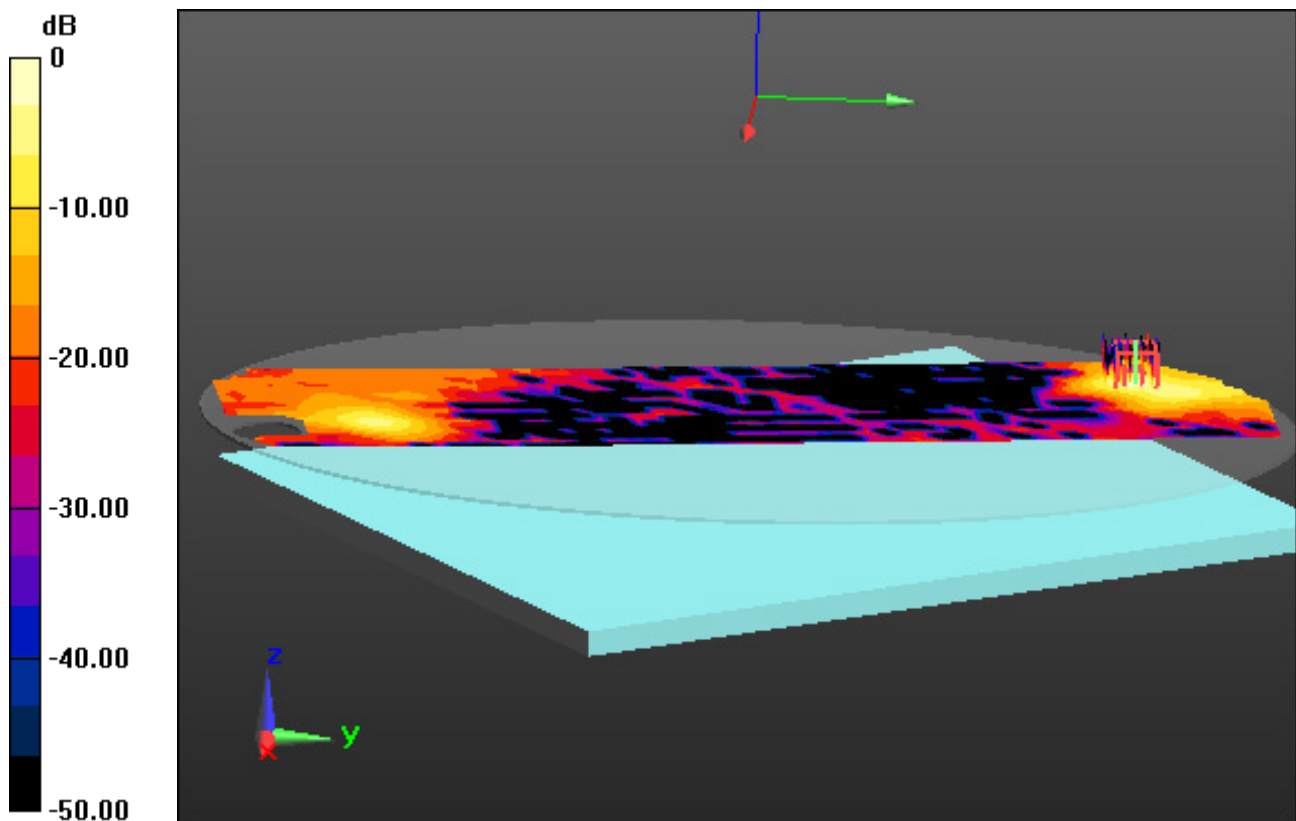
Area Scan (16x57x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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 = 0.07 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.326 W/kg; SAR(10 g) = 0.098 W/kg



0 dB = 0.832 W/kg

DT&C Co., Ltd.

DUT: 14HK701G; Type: X-ray Detector

Communication System: UID 0, W-LAN 5G (0); Frequency: 5755 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5755 \text{ MHz}$; $\sigma = 5.407 \text{ S/m}$; $\epsilon_r = 35.674$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.83, 4.83, 4.83); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-11; Ambient Temp: 20.9; Tissue Temp: 21.7

Touch from Body, Front, WLAN(802.11n HT40) Ch. 151, Ant Internal, Ant.1

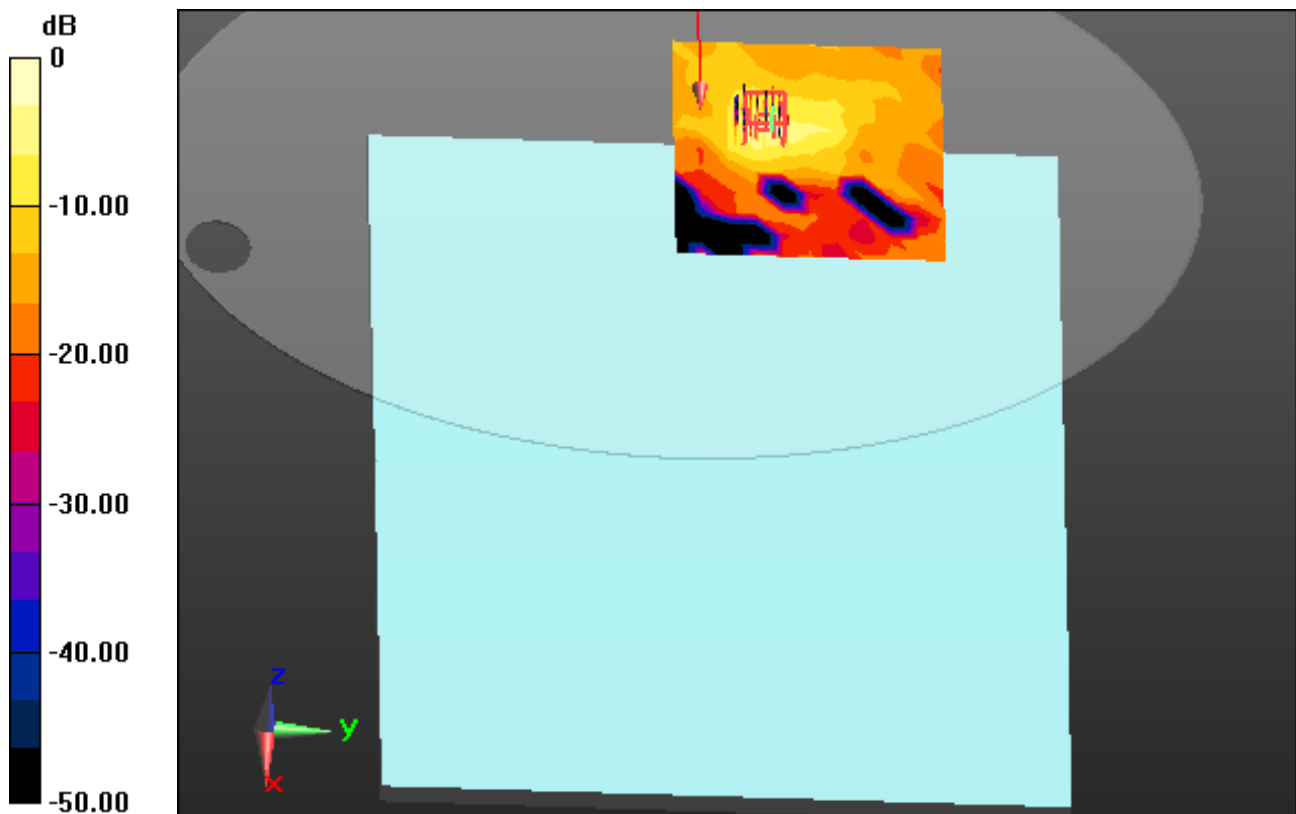
Area Scan (16x16x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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) = 0.502 W/kg

SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.032 W/kg



0 dB = 0.283 W/kg

DT&C Co., Ltd.

DUT: 14HK701G; Type: X-ray Detector

Communication System: UID 0, W-LAN 5G (0); Frequency: 5755 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5755$ MHz; $\sigma = 5.407$ S/m; $\epsilon_r = 35.674$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.83, 4.83, 4.83); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-11; Ambient Temp: 20.9; Tissue Temp: 21.7

Touch from Body, Front, WLAN(802.11n HT40) Ch. 151, Ant Internal, Ant.2

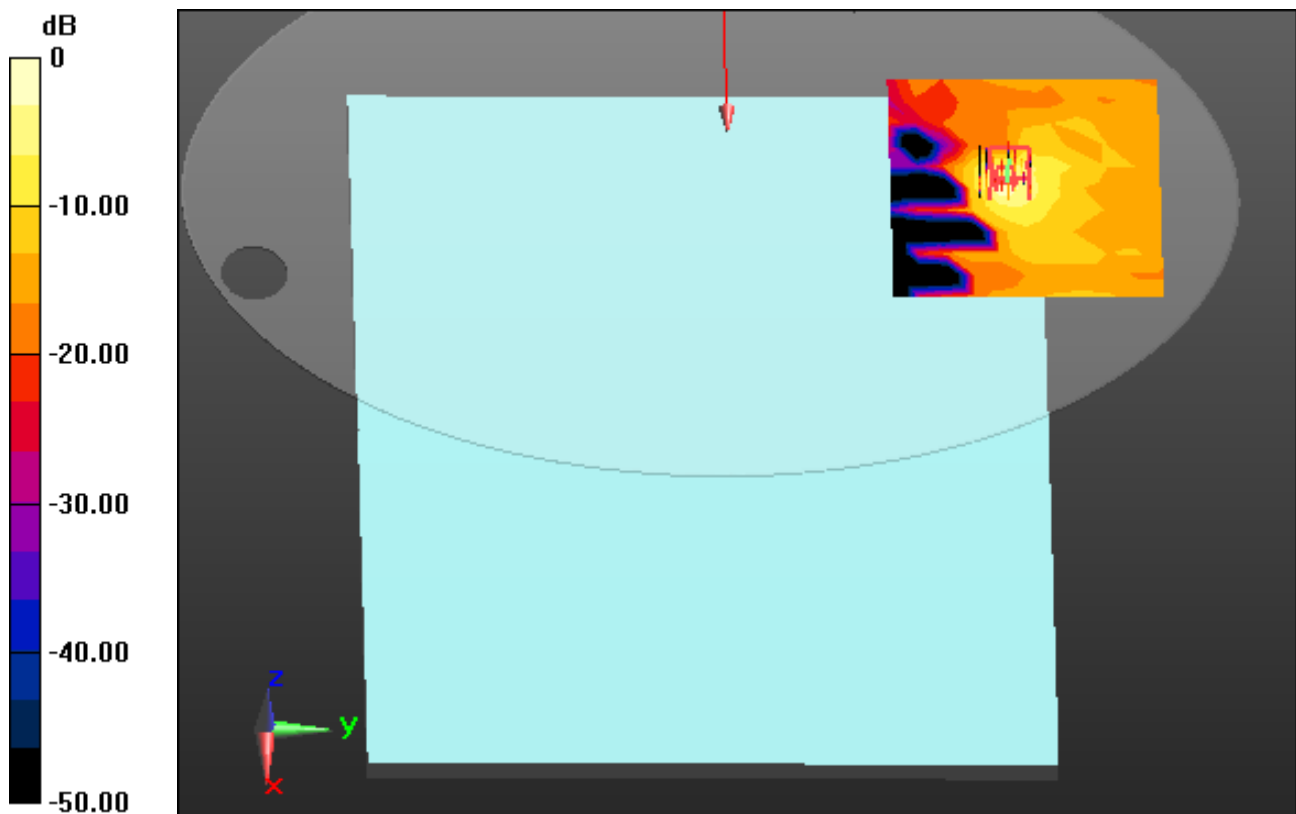
Area Scan (16x16x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.904 W/kg

SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.057 W/kg



0 dB = 0.457 W/kg

DT&C Co., Ltd.

DUT: 14HK701G; Type: X-ray Detector

Communication System: UID 0, W-LAN 5G (0); Frequency: 5755 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5755$ MHz; $\sigma = 5.407$ S/m; $\epsilon_r = 35.674$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.83, 4.83, 4.83); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-11; Ambient Temp: 20.9; Tissue Temp: 21.7

Touch from Body, Front, WLAN(802.11n HT40) Ch. 151, Ant Internal, MIMO

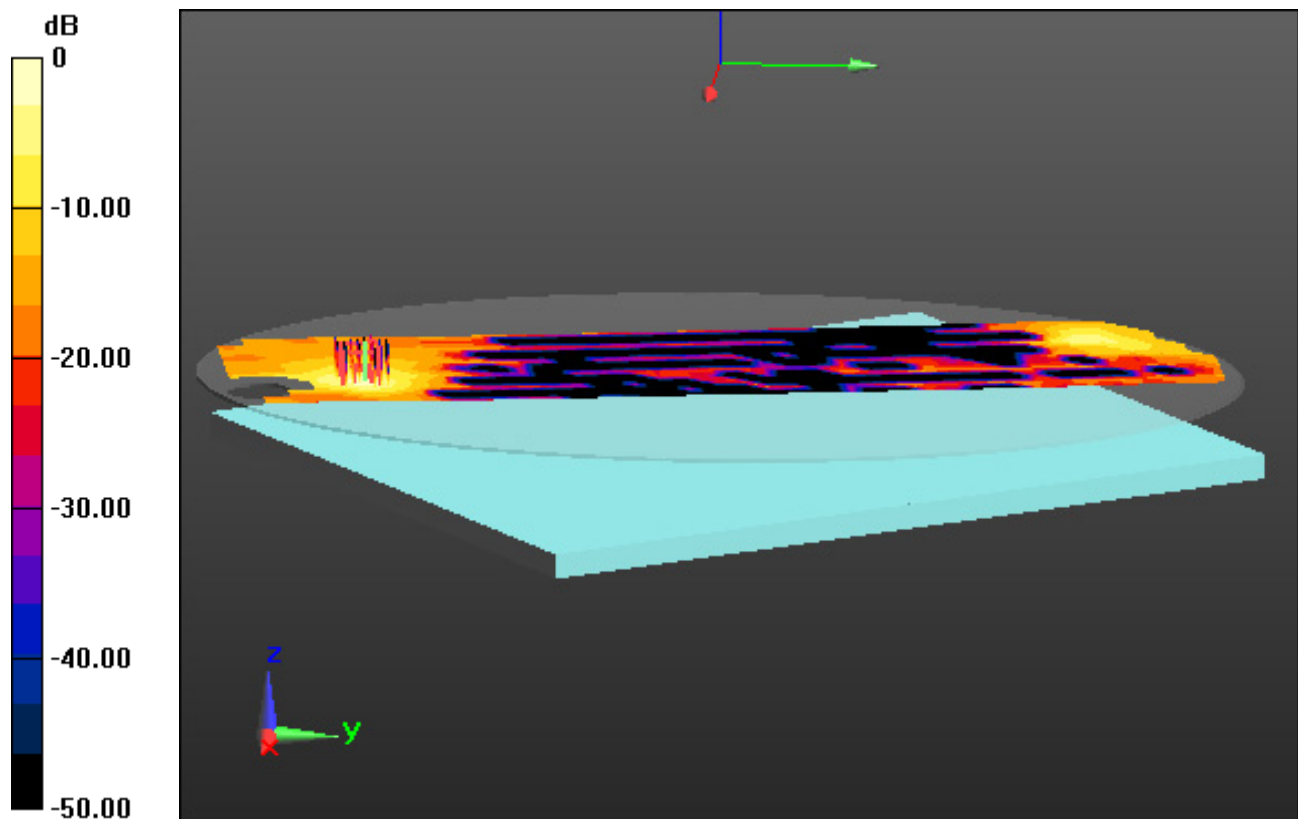
Area Scan (16x57x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.695 W/kg

SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.049 W/kg



0 dB = 0.367 W/kg

DT&C Co., Ltd.

DUT: 14HK701G; Type: X-ray Detector

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

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 2.003 \text{ S/m}$; $\epsilon_r = 51.266$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.9, 7.9, 7.9); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-03; Ambient Temp: 20.7; Tissue Temp: 21.4

Touch from Body, Front, WLAN(802.11b) Ch. 11, Ant Internal, Ant.1

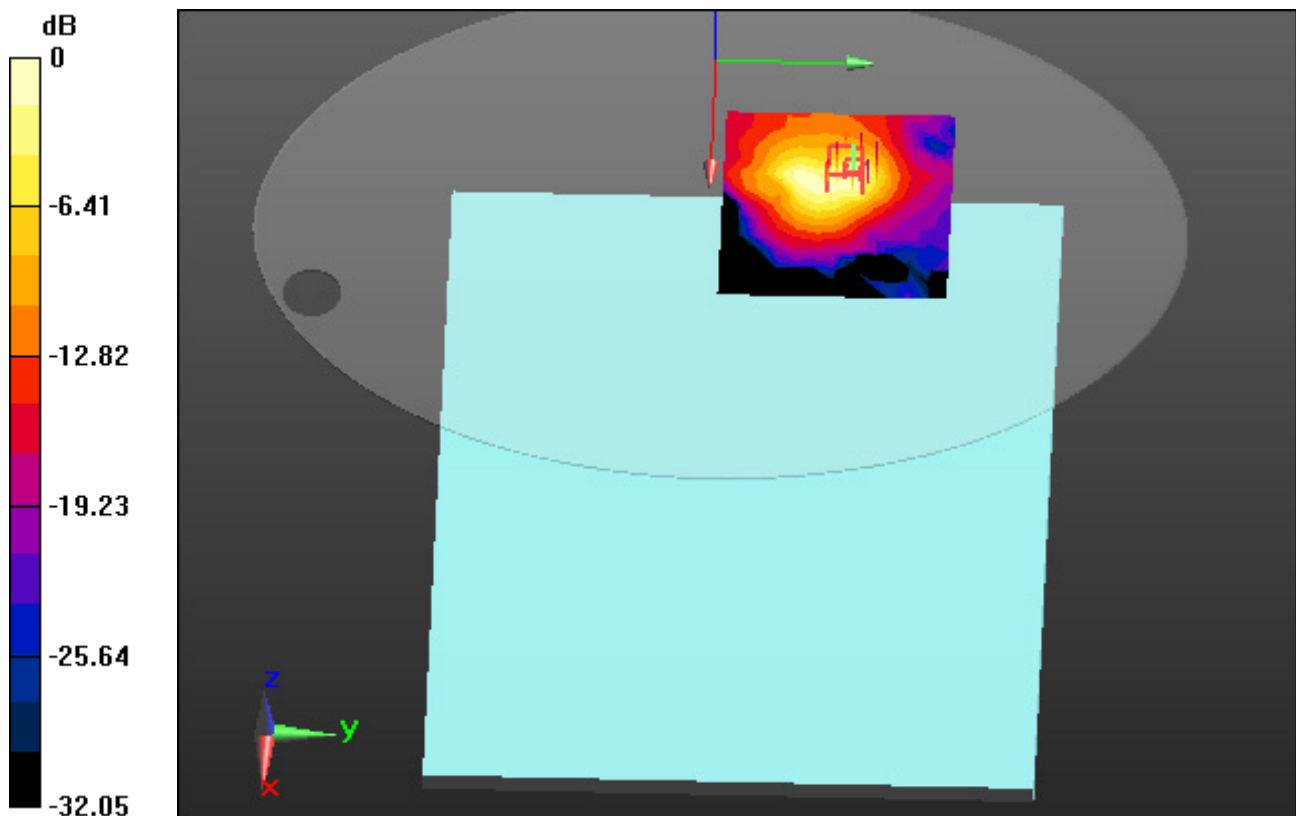
Area Scan (13x13x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.313 W/kg

SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.068 W/kg



0 dB = 0.223 W/kg

DT&C Co., Ltd.

DUT: 14HK701G; Type: X-ray Detector

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.946 \text{ S/m}$; $\epsilon_r = 51.426$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.9, 7.9, 7.9); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-03; Ambient Temp: 20.7; Tissue Temp: 21.4

Touch from Body, Front, WLAN(802.11b) Ch. 1, Ant Internal, Ant.2

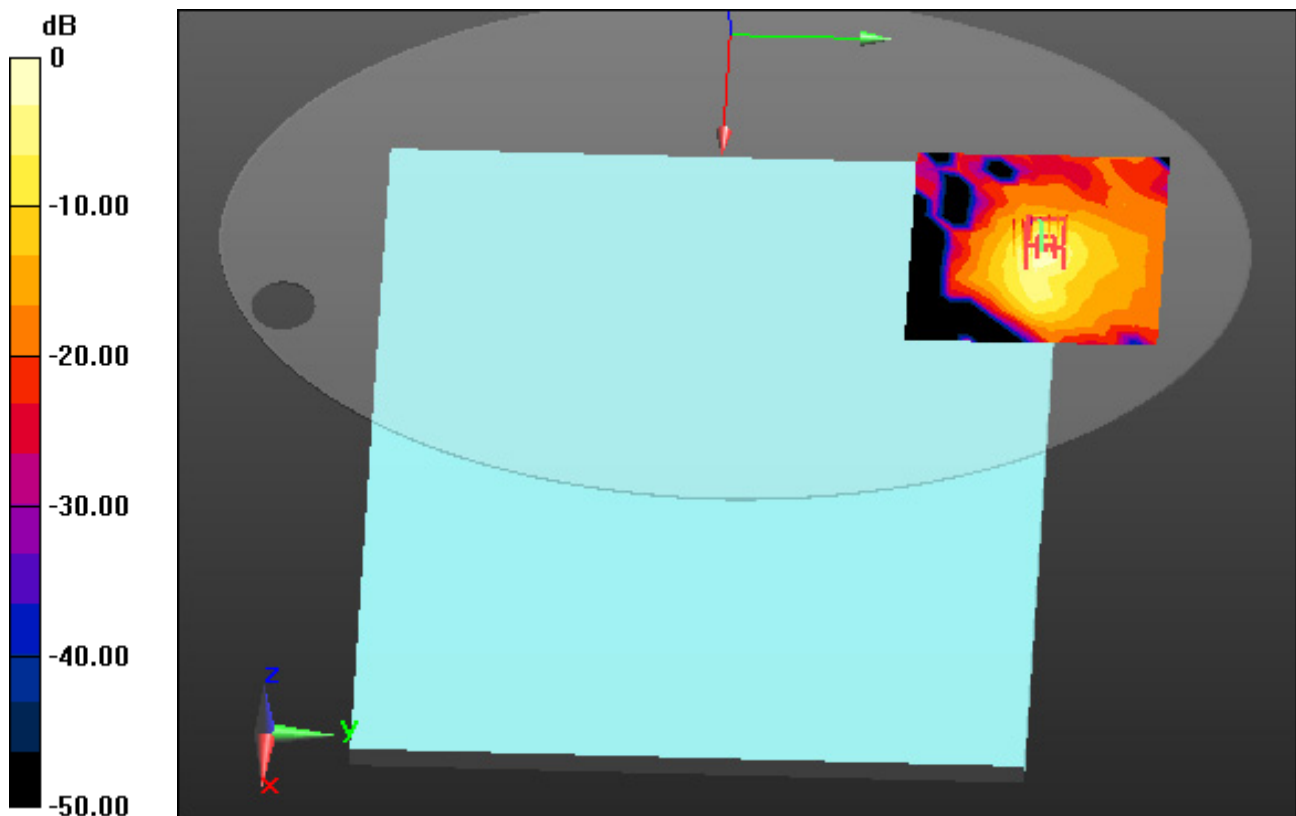
Area Scan (13x13x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.254 W/kg

SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.045 W/kg



0 dB = 0.168 W/kg

DT&C Co., Ltd.

DUT: 14HK701G; Type: X-ray Detector

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.975$ S/m; $\epsilon_r = 51.361$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.9, 7.9, 7.9); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-03; Ambient Temp: 20.7; Tissue Temp: 21.4

Touch from Body, Front, WLAN(802.11g) Ch. 6, Ant Internal, MIMO

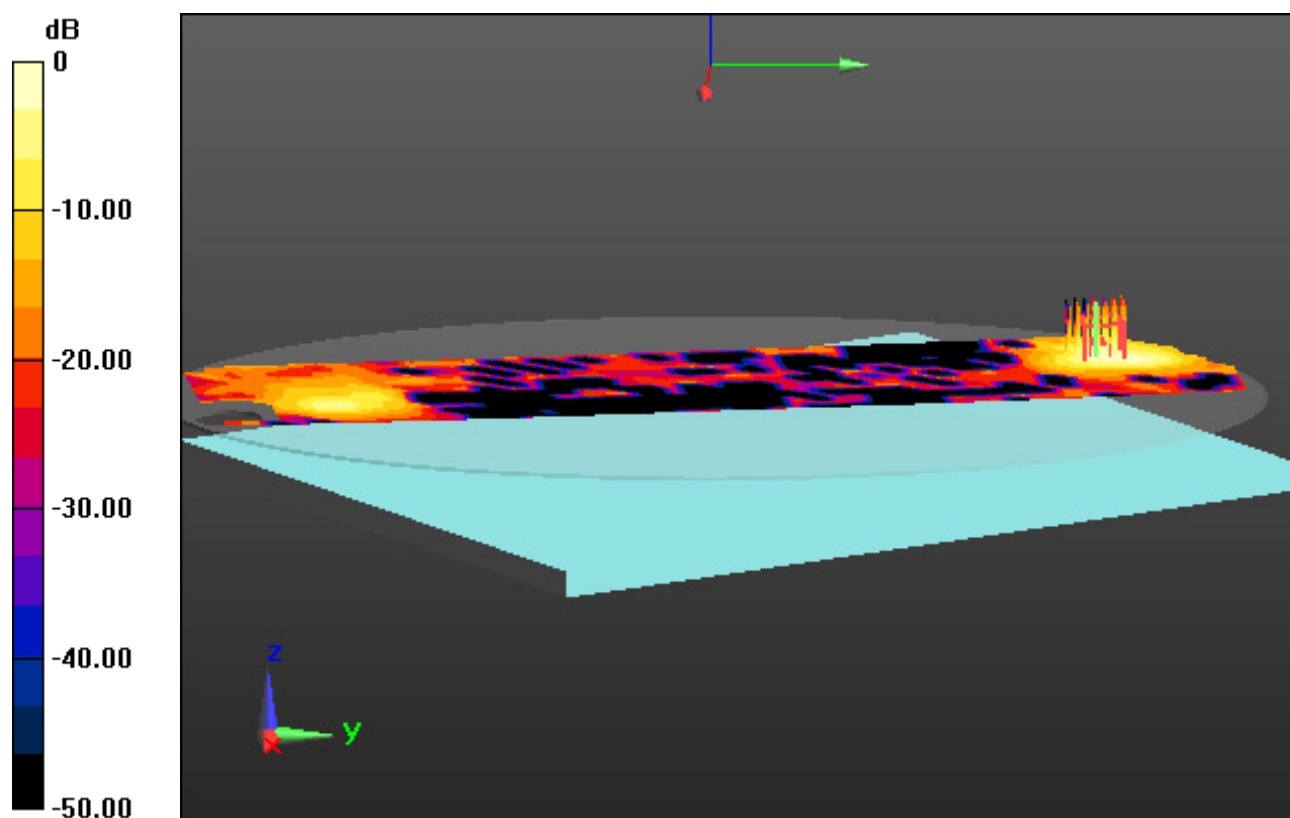
Area Scan (13x47x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.036 W/kg



DT&C Co., Ltd.

DUT: 14HK701G; Type: X-ray Detector

Communication System: UID 0, W-LAN 5G (0); Frequency: 5270 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5270 \text{ MHz}$; $\sigma = 5.246 \text{ S/m}$; $\epsilon_r = 47.46$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.7, 4.7, 4.7); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-08; Ambient Temp: 21.0; Tissue Temp: 21.9

Touch from Body, Front, WLAN(802.11ac VHT40) Ch. 54, Ant Internal, Ant.1

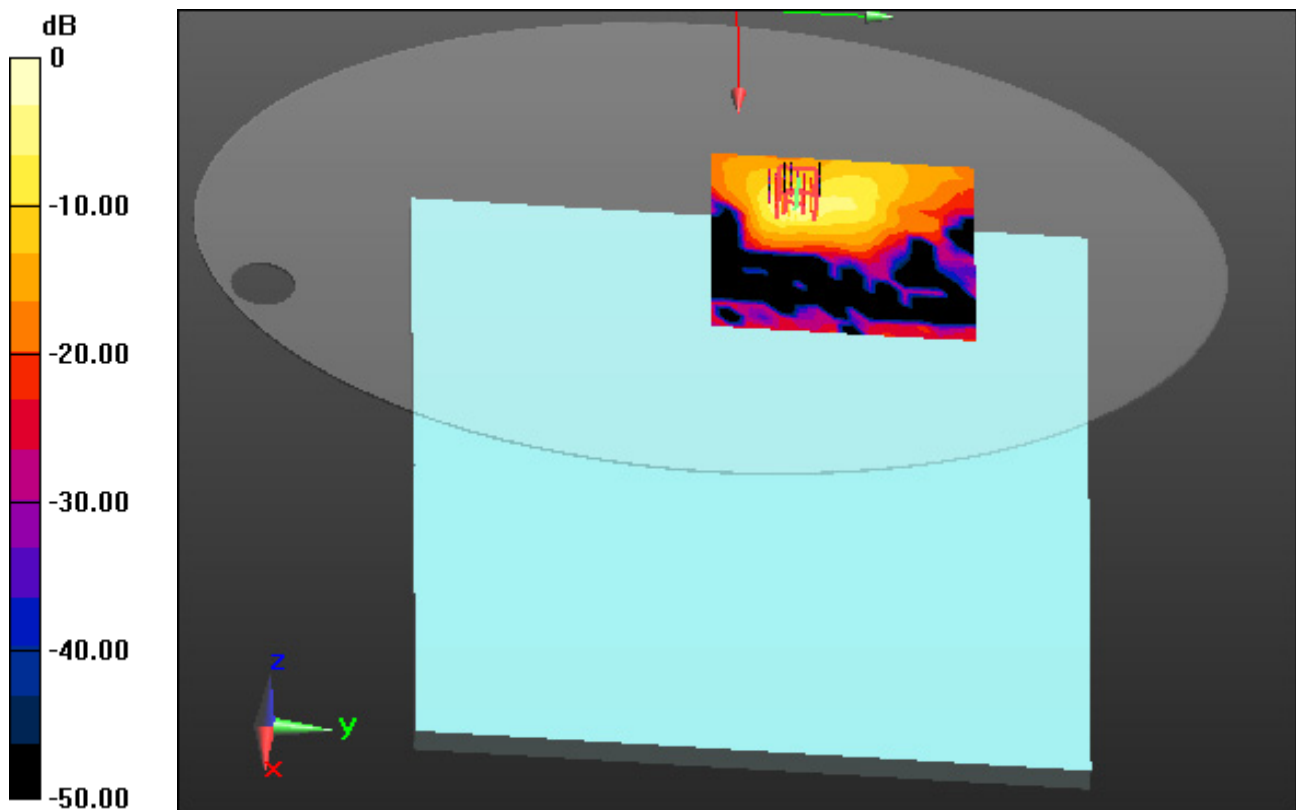
Area Scan (16x16x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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 = -0.18 dB

Peak SAR (extrapolated) = 2.00 W/kg

SAR(1 g) = 0.418 W/kg; SAR(10 g) = 0.124 W/kg



0 dB = 1.14 W/kg

DT&C Co., Ltd.

DUT: 14HK701G; Type: X-ray Detector

Communication System: UID 0, W-LAN 5G (0); Frequency: 5270 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5270 \text{ MHz}$; $\sigma = 5.246 \text{ S/m}$; $\epsilon_r = 47.46$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.7, 4.7, 4.7); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-08; Ambient Temp: 21.0; Tissue Temp: 21.9

Touch from Body, Front, WLAN(802.11ac VHT40) Ch. 54, Ant Internal, Ant.2

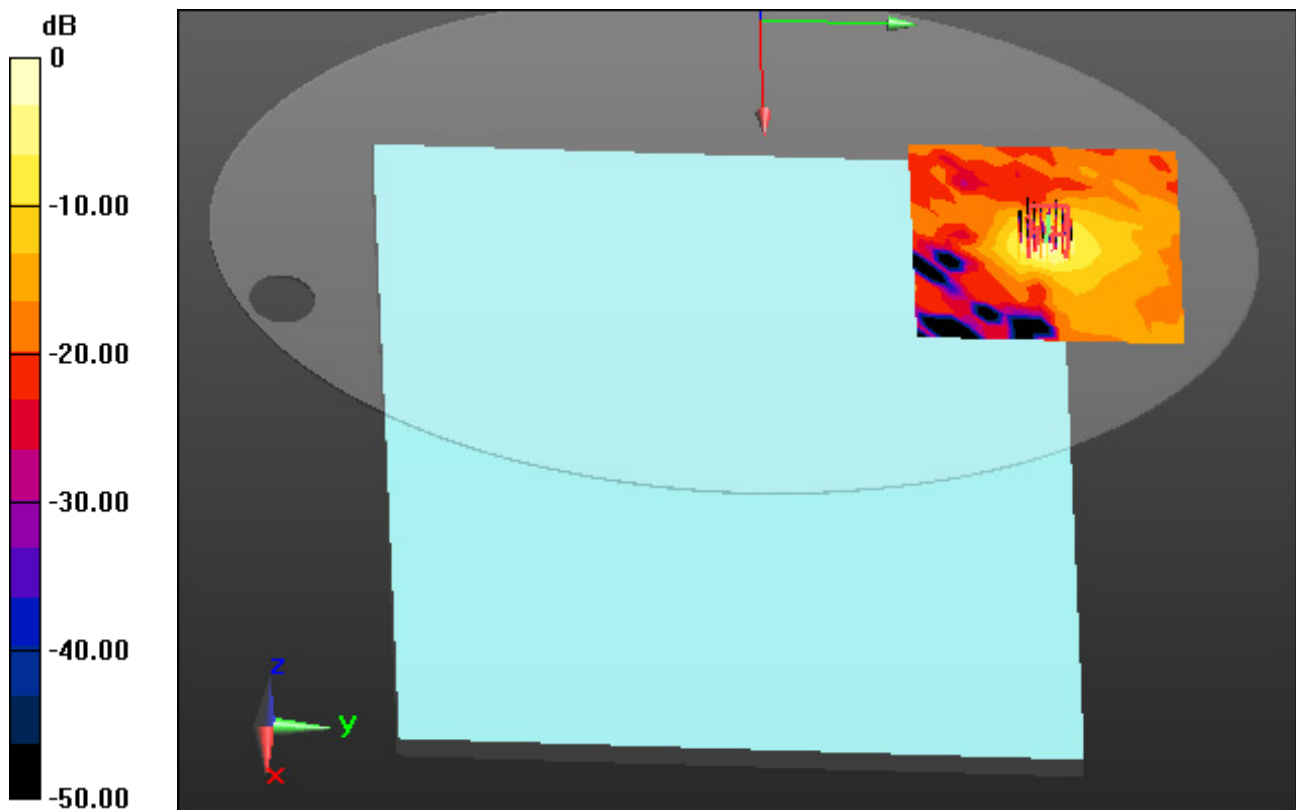
Area Scan (16x16x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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) = 1.02 W/kg

SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.066 W/kg



0 dB = 0.568 W/kg

DT&C Co., Ltd.

DUT: 14HK701G; Type: X-ray Detector

Communication System: UID 0, W-LAN 5G (0); Frequency: 5270 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5270 \text{ MHz}$; $\sigma = 5.246 \text{ S/m}$; $\epsilon_r = 47.46$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.7, 4.7, 4.7); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-08; Ambient Temp: 21.0; Tissue Temp: 21.9

Touch from Body, Front, WLAN(802.11ac VHT40) Ch. 54, Ant Internal, MIMO

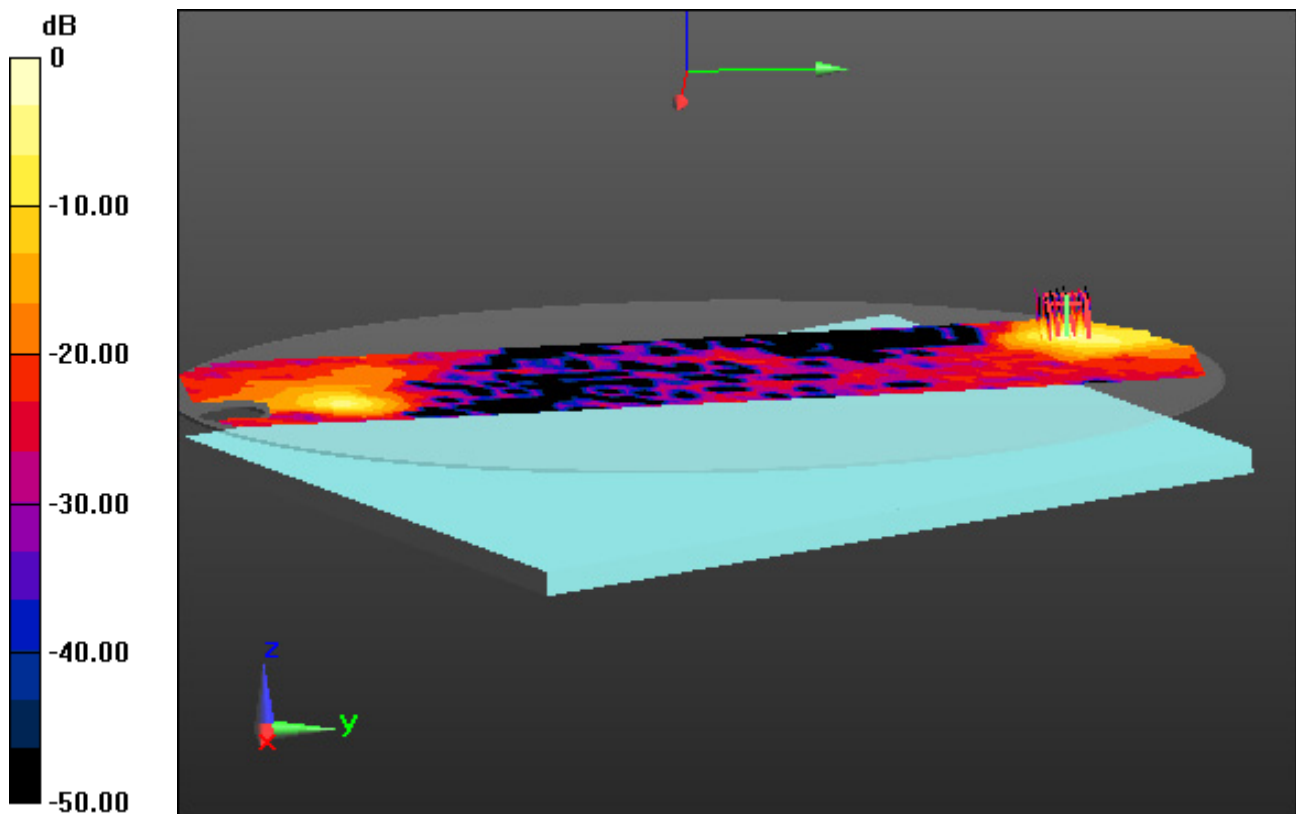
Area Scan (16x57x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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 = -0.14 dB

Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 0.438 W/kg; SAR(10 g) = 0.133 W/kg



0 dB = 1.15 W/kg

DT&C Co., Ltd.

DUT: 14HK701G; Type: X-ray Detector

Communication System: UID 0, W-LAN 5G (0); Frequency: 5690 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5690 \text{ MHz}$; $\sigma = 5.926 \text{ S/m}$; $\epsilon_r = 46.978$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.22, 4.22, 4.22); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-10; Ambient Temp: 21.4; Tissue Temp: 22.3

Touch from Body, Front, WLAN(802.11ac VHT80) Ch. 138, Ant Internal, Ant.1

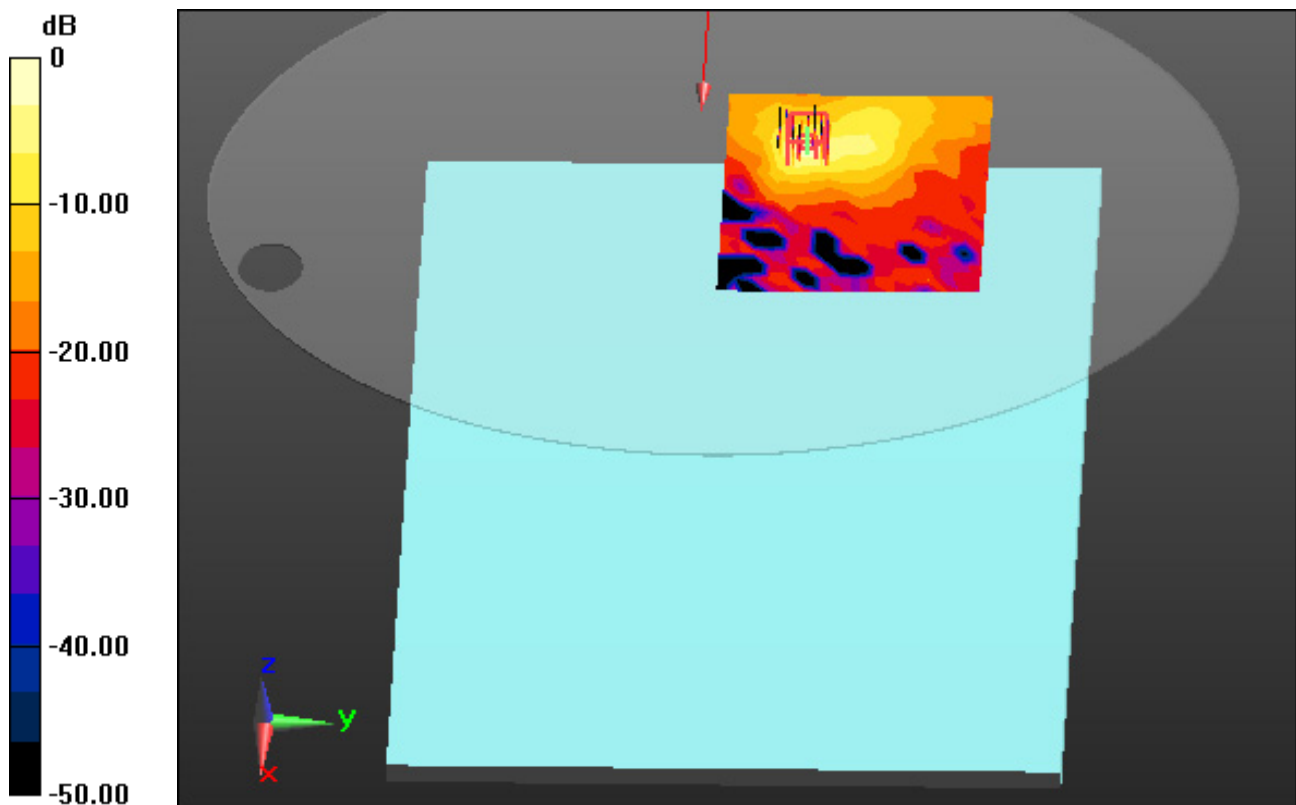
Area Scan (16x16x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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 = -0.18 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.107 W/kg



0 dB = 0.977 W/kg

DT&C Co., Ltd.

DUT: 14HK701G; Type: X-ray Detector

Communication System: UID 0, W-LAN 5G (0); Frequency: 5690 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5690 \text{ MHz}$; $\sigma = 5.926 \text{ S/m}$; $\epsilon_r = 46.978$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.22, 4.22, 4.22); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-10; Ambient Temp: 21.4; Tissue Temp: 22.3

Touch from Body, Front, WLAN(802.11ac VHT80) Ch. 138, Ant Internal, Ant.2

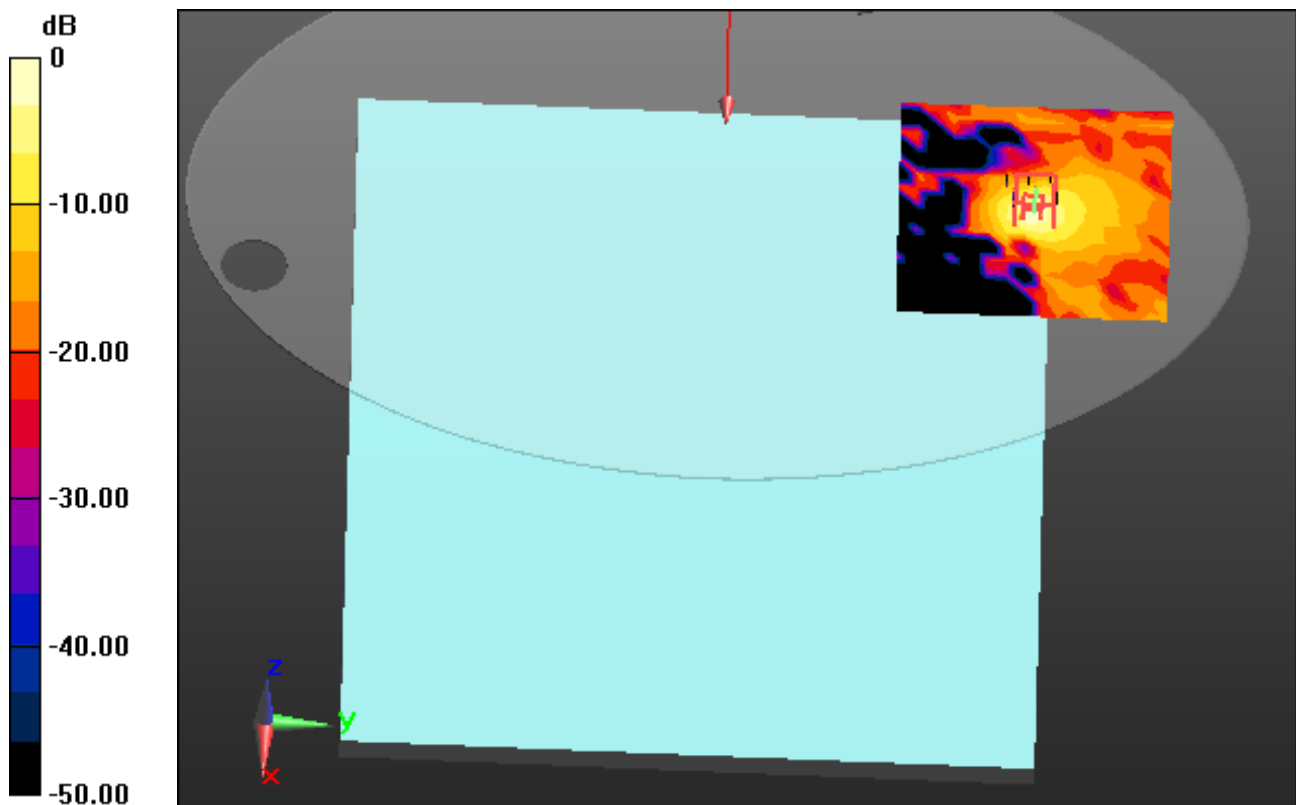
Area Scan (16x16x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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) = 0.750 W/kg

SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.049 W/kg



DT&C Co., Ltd.

DUT: 14HK701G; Type: X-ray Detector

Communication System: UID 0, W-LAN 5G (0); Frequency: 5690 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5690 \text{ MHz}$; $\sigma = 5.926 \text{ S/m}$; $\epsilon_r = 46.978$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.22, 4.22, 4.22); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-10; Ambient Temp: 21.4; Tissue Temp: 22.3

Touch from Body, Front, WLAN(802.11ac VHT80) Ch. 138, Ant Internal, MIMO

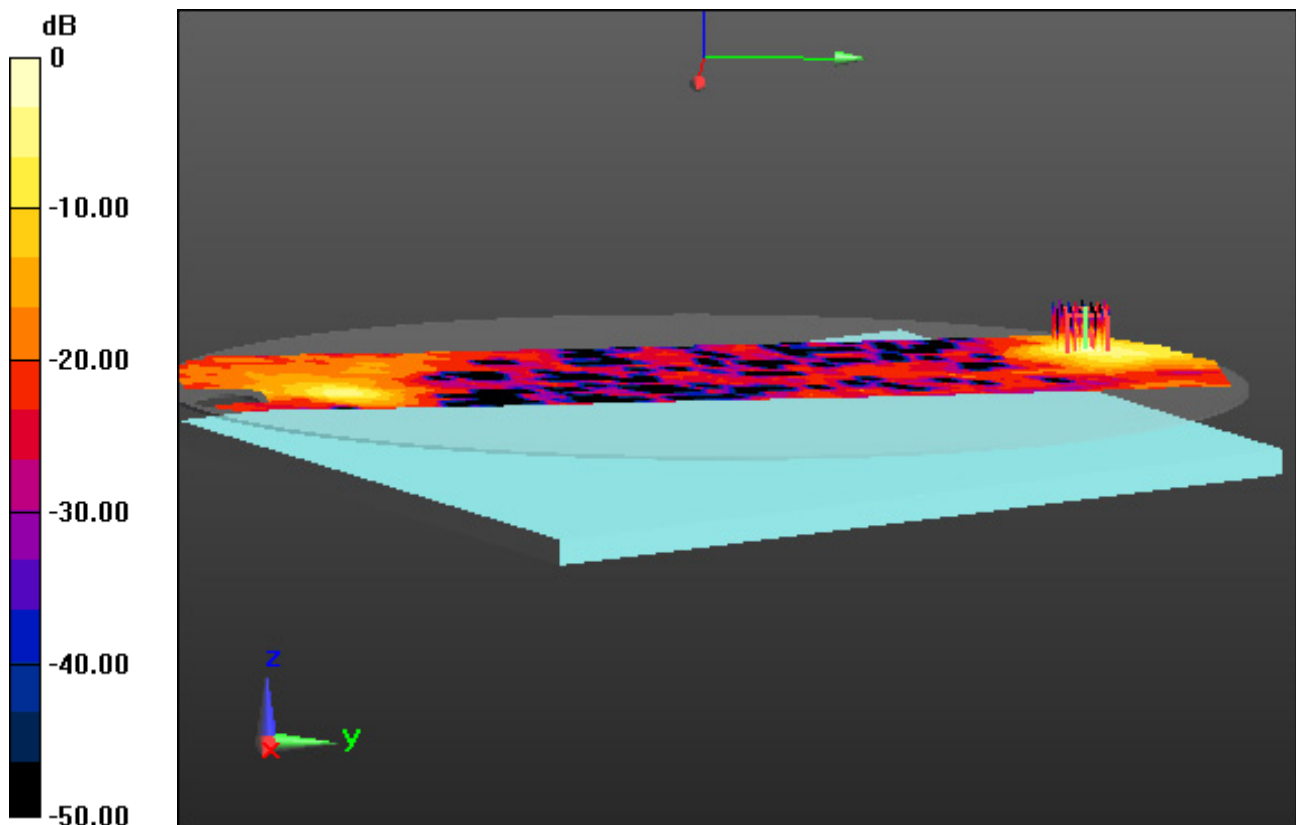
Area Scan (16x57x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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 = -0.16 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.089 W/kg



0 dB = 0.775 W/kg

DT&C Co., Ltd.

DUT: 14HK701G; Type: X-ray Detector

Communication System: UID 0, W-LAN 5G (0); Frequency: 5755 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5755 \text{ MHz}$; $\sigma = 6.033 \text{ S/m}$; $\epsilon_r = 47.076$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.33, 4.33, 4.33); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-14; Ambient Temp: 20.4; Tissue Temp: 21.5

Touch from Body, Front, WLAN(802.11n HT40) Ch. 151, Ant Internal, Ant.1

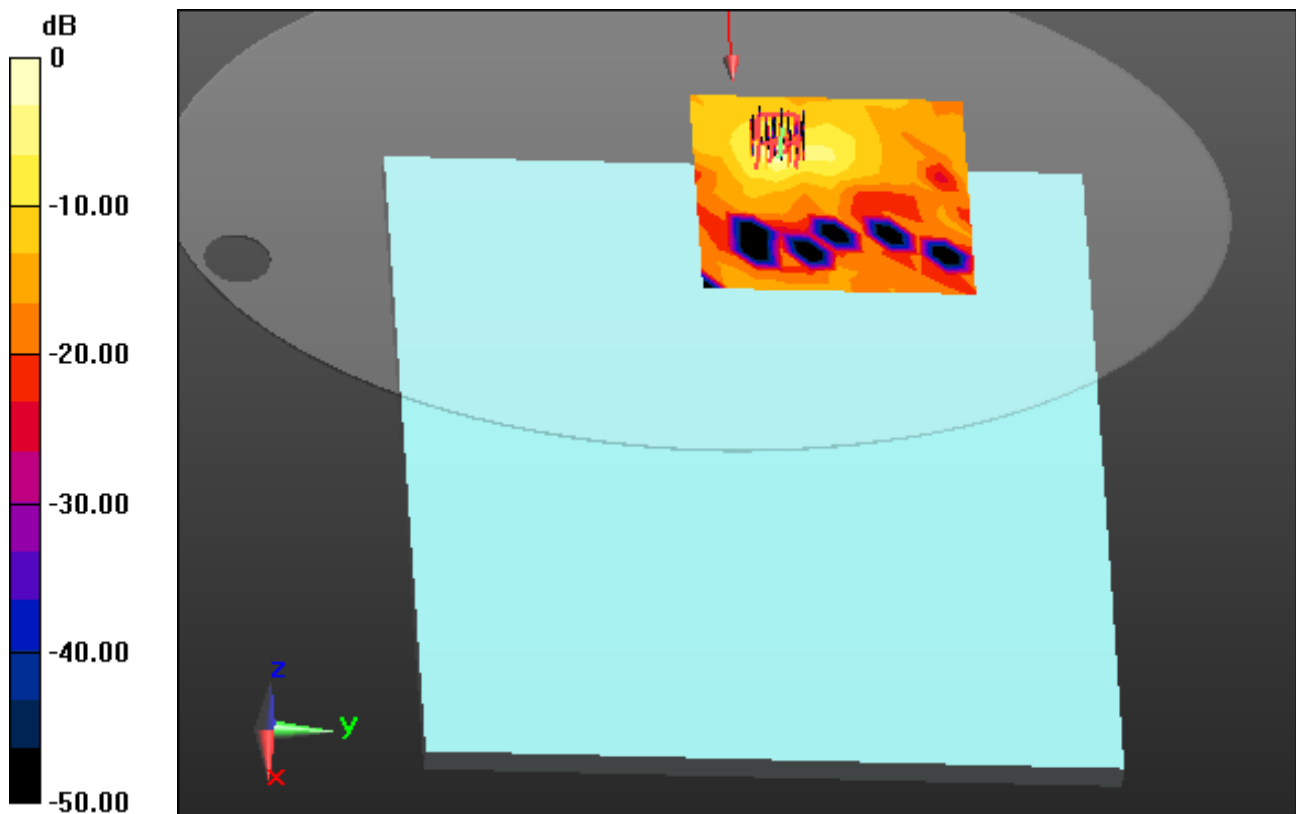
Area Scan (16x16x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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 = -0.19 dB

Peak SAR (extrapolated) = 0.522 W/kg

SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.027 W/kg



0 dB = 0.267 W/kg

DT&C Co., Ltd.

DUT: 14HK701G; Type: X-ray Detector

Communication System: UID 0, W-LAN 5G (0); Frequency: 5755 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5755 \text{ MHz}$; $\sigma = 6.033 \text{ S/m}$; $\epsilon_r = 47.076$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.33, 4.33, 4.33); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-14; Ambient Temp: 20.4; Tissue Temp: 21.5

Touch from Body, Front, WLAN(802.11n HT40) Ch. 151, Ant Internal, Ant.2

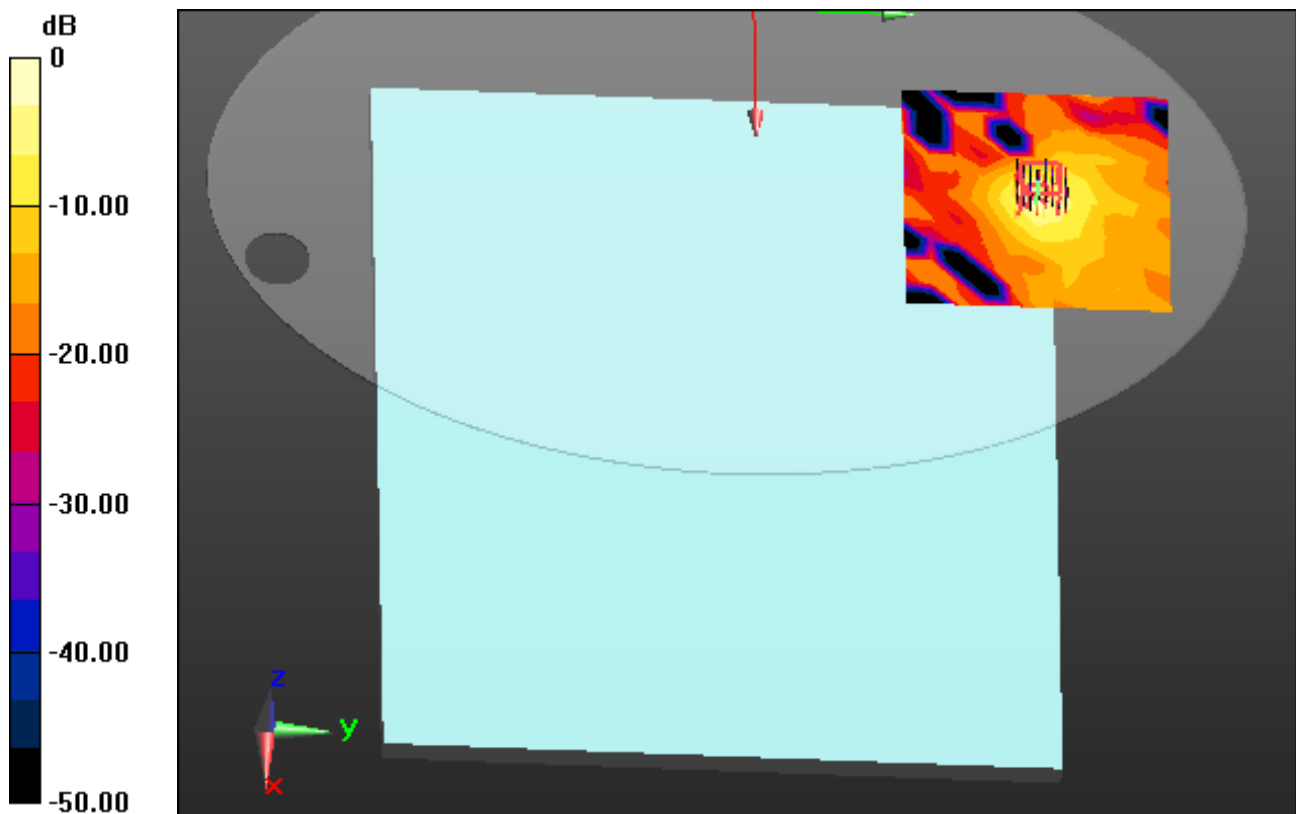
Area Scan (16x16x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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 = 0.06 dB

Peak SAR (extrapolated) = 0.706 W/kg

SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.042 W/kg



0 dB = 0.392 W/kg

DT&C Co., Ltd.

DUT: 14HK701G; Type: X-ray Detector

Communication System: UID 0, W-LAN 5G (0); Frequency: 5755 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5755 \text{ MHz}$; $\sigma = 6.033 \text{ S/m}$; $\epsilon_r = 47.076$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.33, 4.33, 4.33); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-14; Ambient Temp: 20.4; Tissue Temp: 21.5

Touch from Body, Front, WLAN(802.11n HT40) Ch. 151, Ant Internal, MIMO

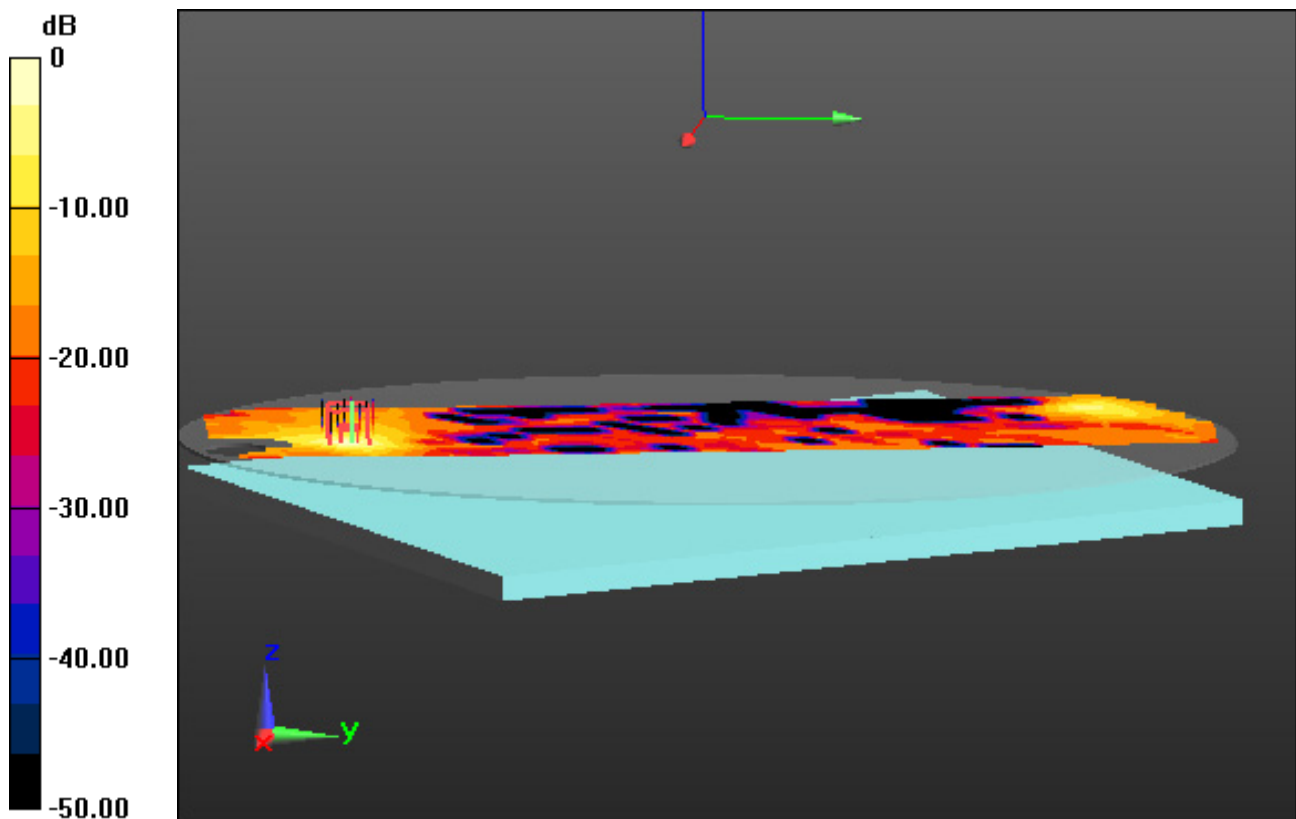
Area Scan (16x57x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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) = 0.736 W/kg

SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.048 W/kg



0 dB = 0.393 W/kg