

SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.447$ S/m; $\epsilon_r = 38.853$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(5.27, 5.27, 5.27); Calibrated: 3/21/2017; ; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-08-11; Ambient Temp: 21.7; Tissue Temp: 22.1

1900 MHz System Verification

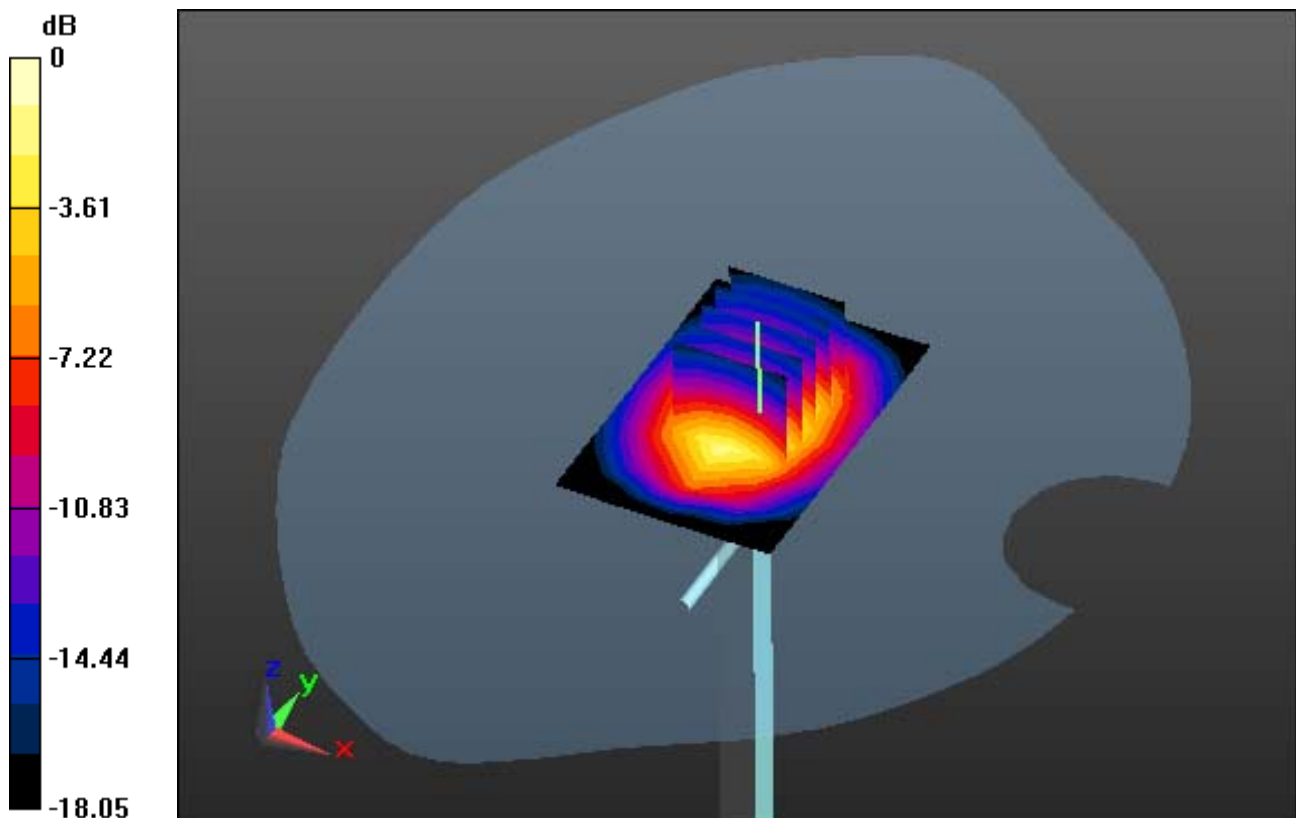
Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 19.7 W/kg

SAR(1 g) = 10.9 W/kg; SAR(10 g) = 5.6 W/kg



0 dB = 13.8 W/kg

DT&C Co., Ltd.

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.447$ S/m; $\epsilon_r = 38.853$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(5.27, 5.27, 5.27); Calibrated: 3/21/2017; ; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-08-11; Ambient Temp: 21.7; Tissue Temp: 22.1

1900 MHz System Verification

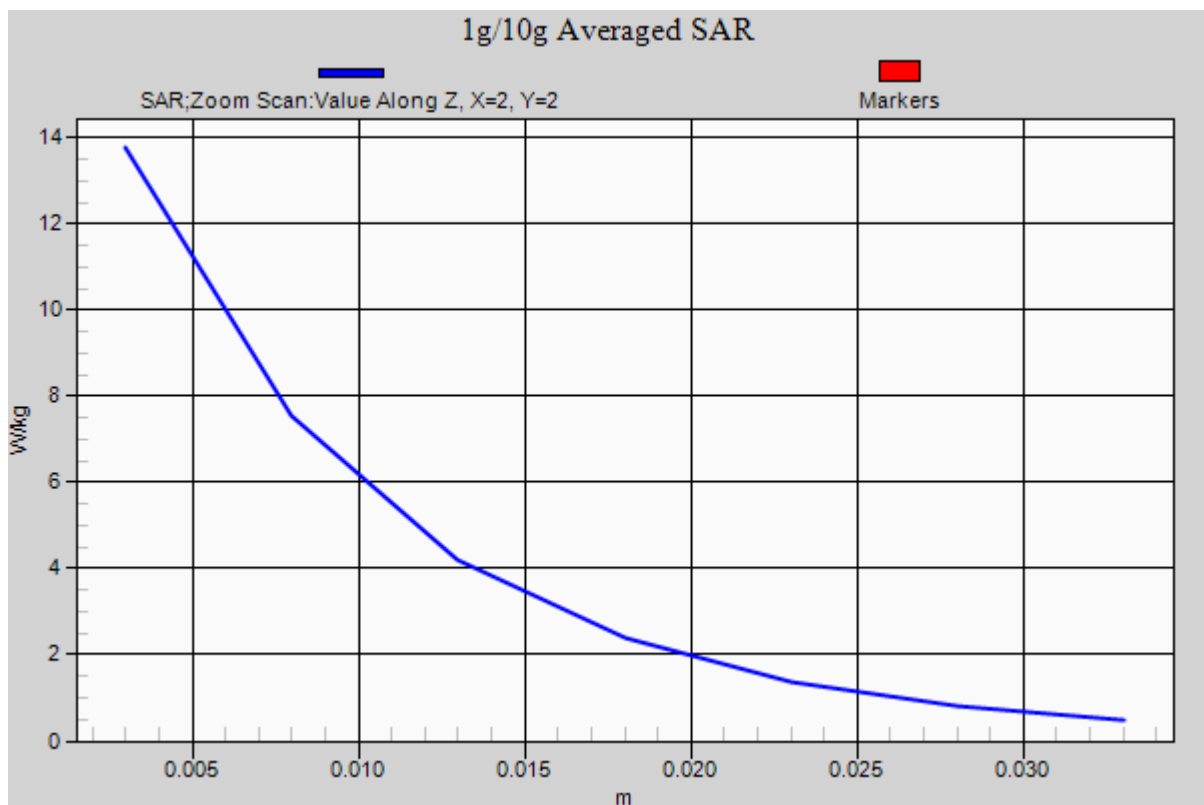
Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 19.7 W/kg

SAR(1 g) = 10.9 W/kg; SAR(10 g) = 5.6 W/kg



DT&C Co., Ltd.

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.544$ S/m; $\epsilon_r = 52.344$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(4.91, 4.91, 4.91); Calibrated: 3/21/2017; ; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-08-11; Ambient Temp: 21.7; Tissue Temp: 22.3

1900 MHz System Verification

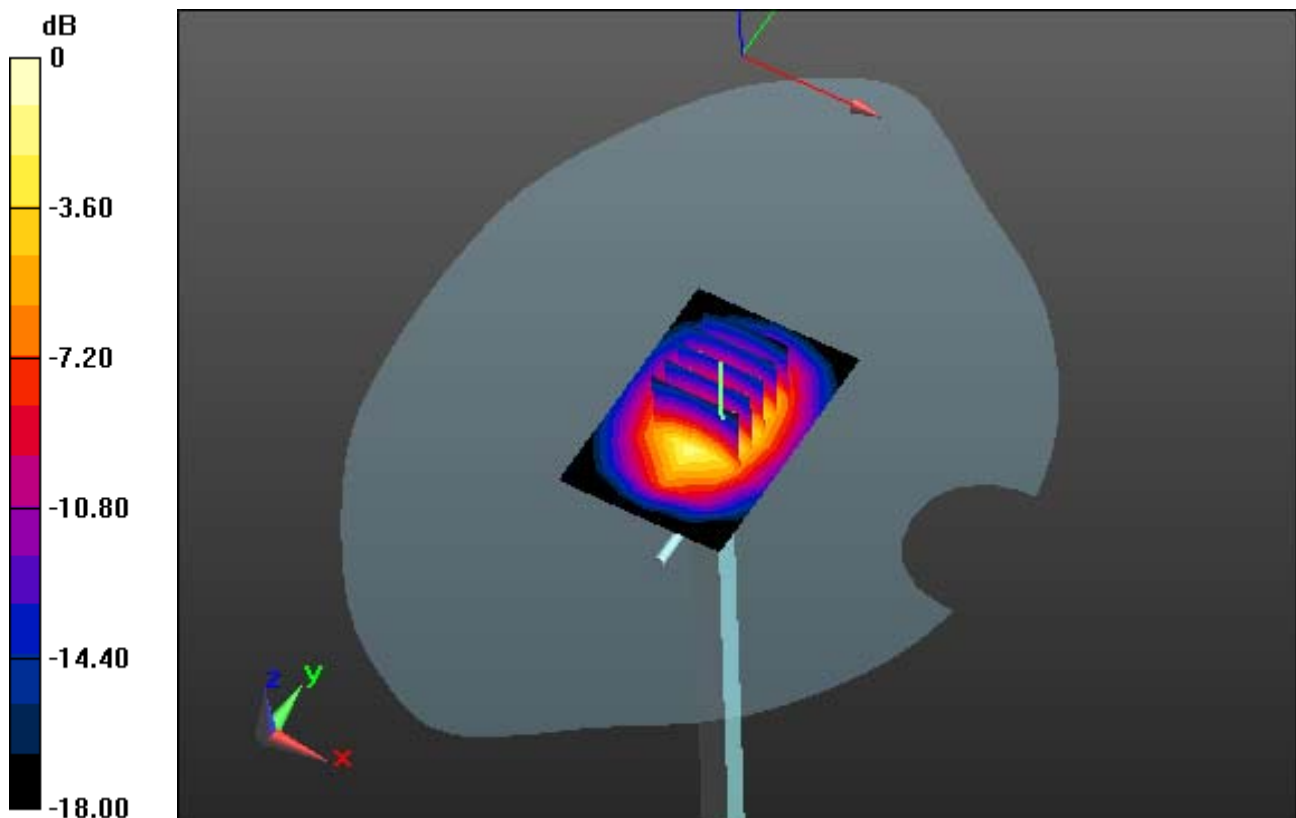
Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 18.9 W/kg

SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.54 W/kg



0 dB = 13.6 W/kg

DT&C Co., Ltd.

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.544$ S/m; $\epsilon_r = 52.344$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(4.91, 4.91, 4.91); Calibrated: 3/21/2017; ; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-08-11; Ambient Temp: 21.7; Tissue Temp: 22.3

1900 MHz System Verification

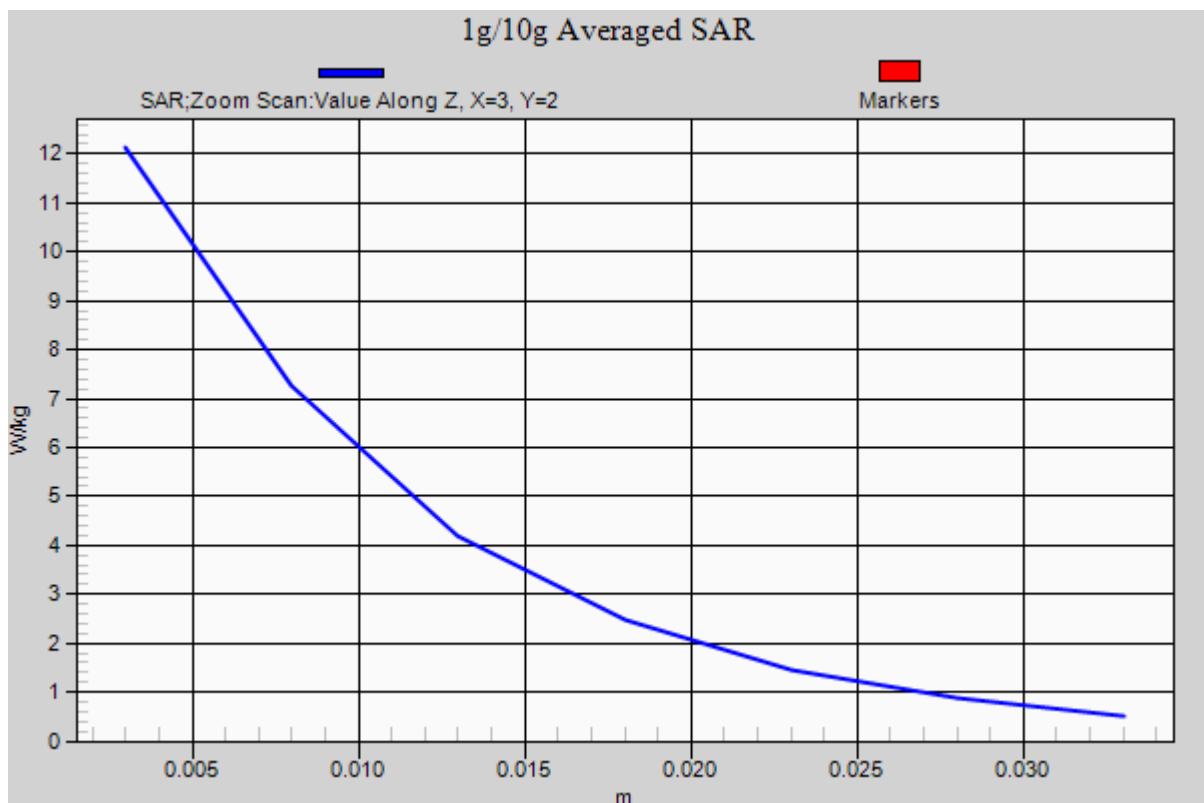
Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 18.9 W/kg

SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.54 W/kg



DT&C Co., Ltd.

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:920

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.829$ S/m; $\epsilon_r = 38.395$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(4.72, 4.72, 4.72); Calibrated: 3/21/2017; ; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-08-29; Ambient Temp: 21.6; Tissue Temp: 22.2

2450 MHz System Verification

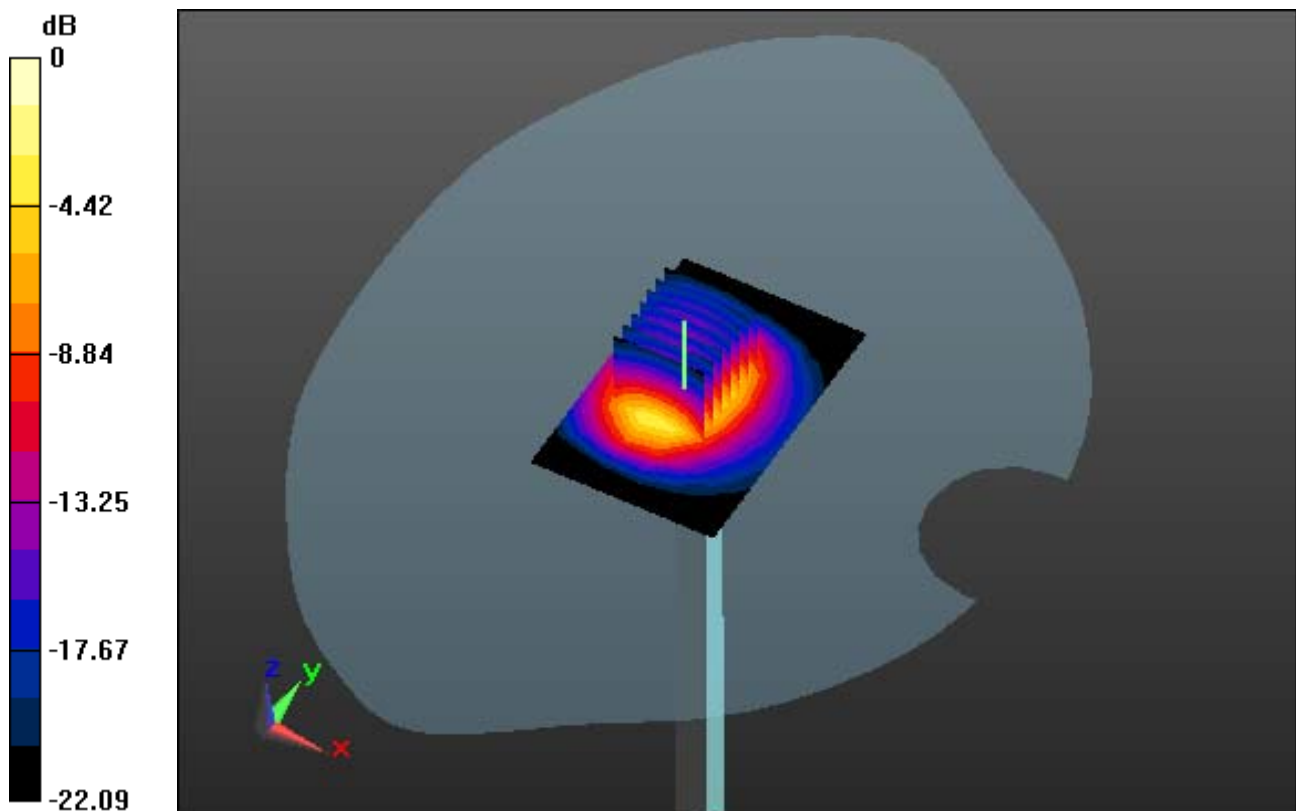
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.12 dB

Peak SAR (extrapolated) = 28.4 W/kg

SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.37 W/kg



0 dB = 18.2 W/kg

DT&C Co., Ltd.

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:920

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.829$ S/m; $\epsilon_r = 38.395$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(4.72, 4.72, 4.72); Calibrated: 3/21/2017; ; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-08-29; Ambient Temp: 21.6; Tissue Temp: 22.2

2450 MHz System Verification

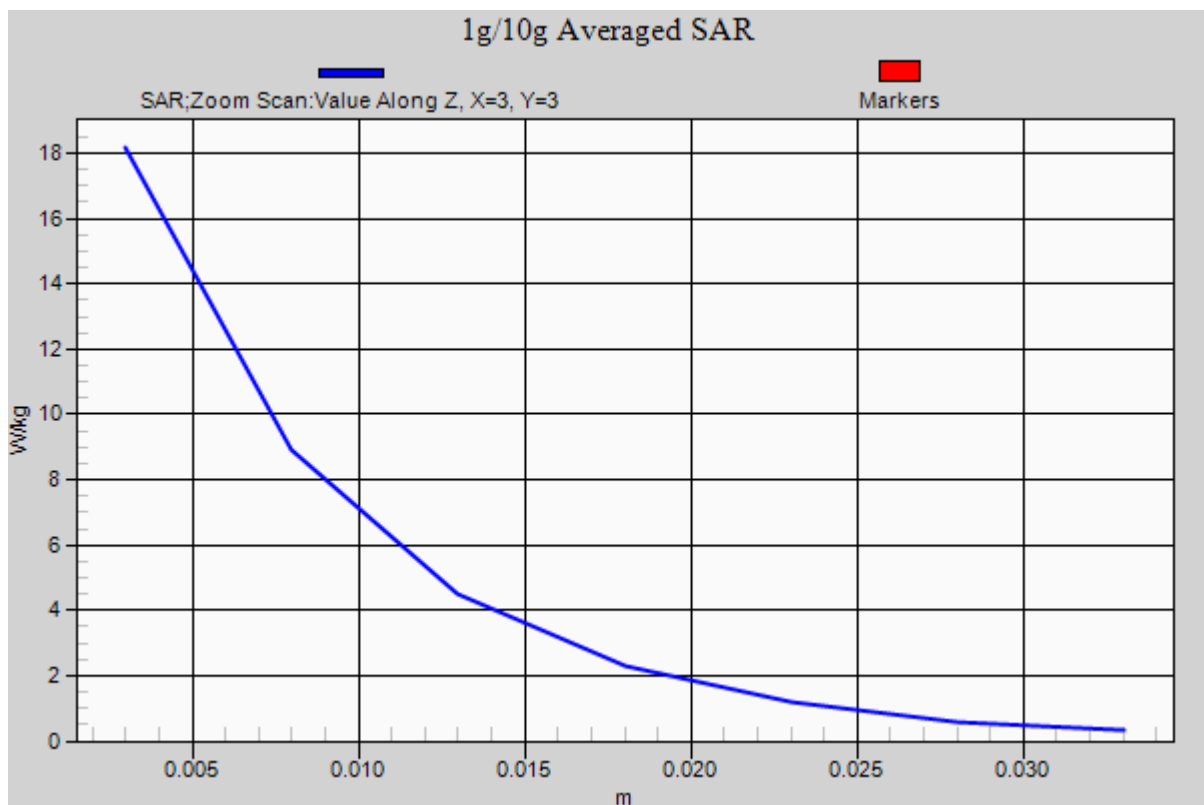
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.12 dB

Peak SAR (extrapolated) = 28.4 W/kg

SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.37 W/kg



DT&C Co., Ltd.

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:920

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.96$ S/m; $\epsilon_r = 51.15$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(4.53, 4.53, 4.53); Calibrated: 3/21/2017; ; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-08-29; Ambient Temp: 21.6; Tissue Temp: 22.0

2450 MHz System Verification

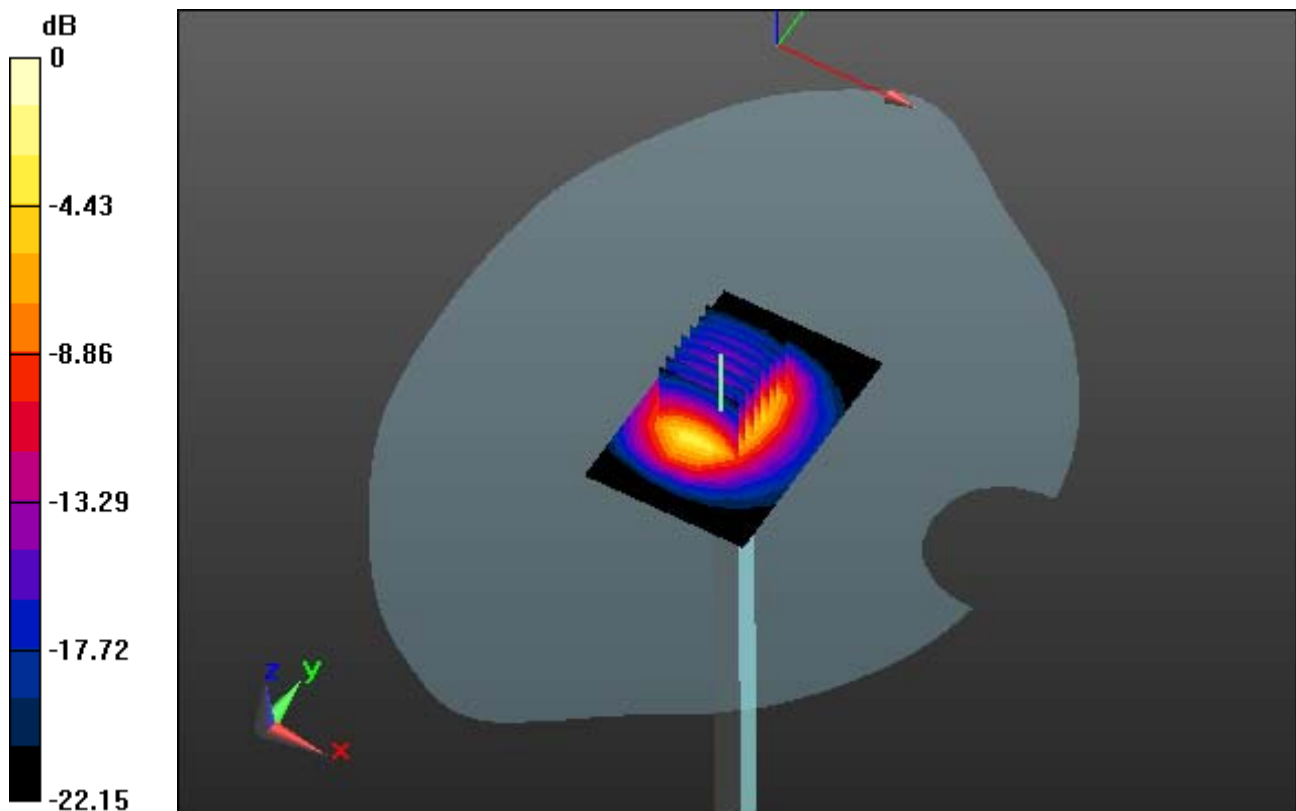
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 28.8 W/kg

SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.18 W/kg



0 dB = 19.6 W/kg

DT&C Co., Ltd.

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:920

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.96$ S/m; $\epsilon_r = 51.15$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(4.53, 4.53, 4.53); Calibrated: 3/21/2017; ; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-08-29; Ambient Temp: 21.6; Tissue Temp: 22.0

2450 MHz System Verification

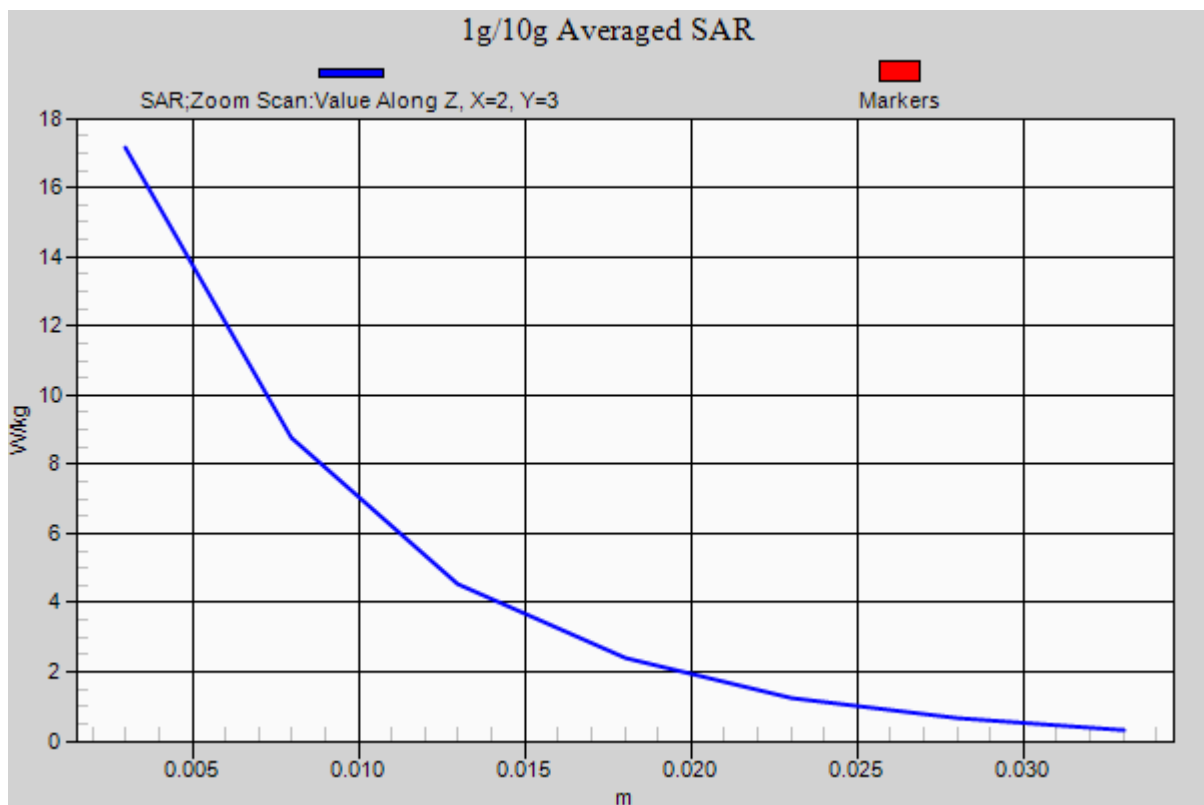
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 28.8 W/kg

SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.18 W/kg



DT&C Co., Ltd.

DUT: YKEA60; Type: Folder

Communication System: UID 0, PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ S/m; $\epsilon_r = 38.914$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(5.27, 5.27, 5.27); Calibrated: 3/21/2017; Electronics: DAE4 Sn1391

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-08-11; Ambient Temp: 21.7; Tissue Temp: 22.1

Right Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery

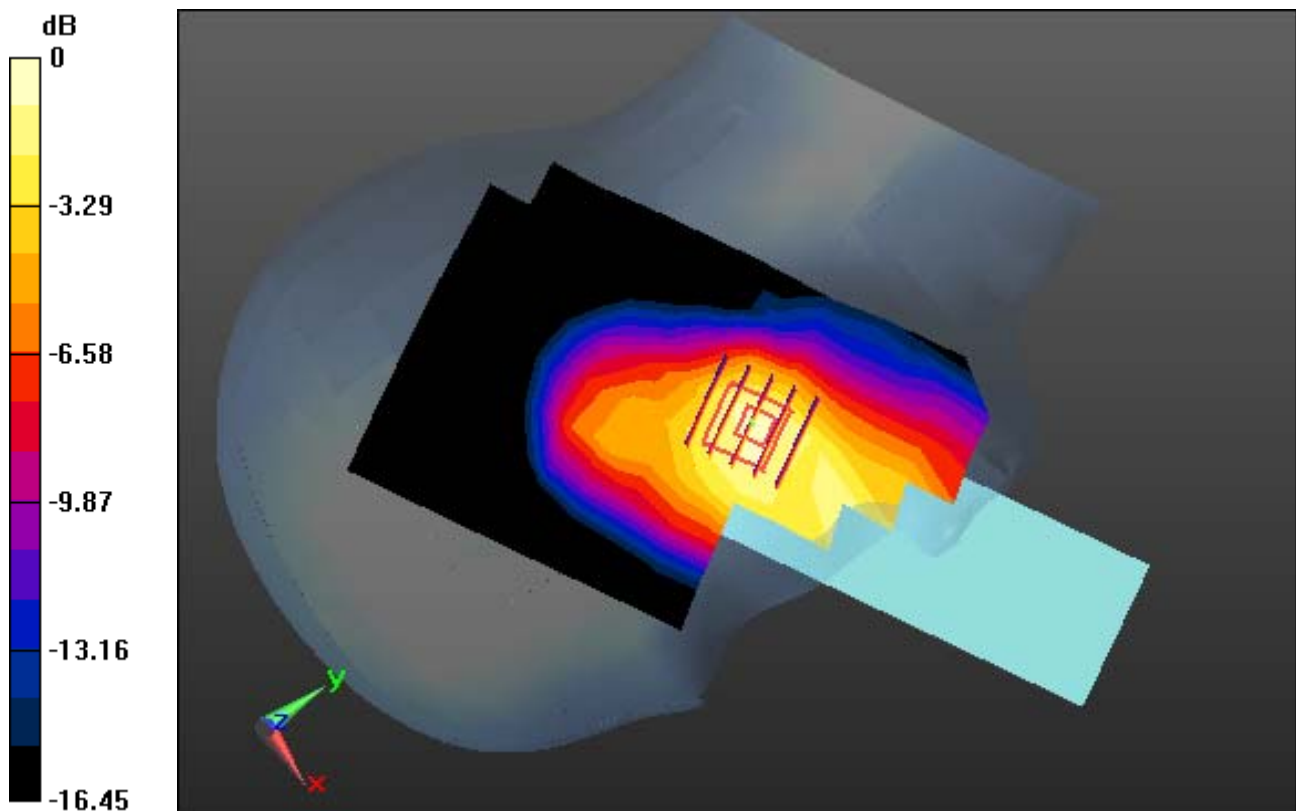
Area Scan (9x18x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.533 W/kg

SAR(1 g) = 0.356 W/kg; SAR(10 g) = 0.219 W/kg



0 dB = 0.415 W/kg

DT&C Co., Ltd.

DUT: YKEA60; Type: Folder

Communication System: UID 0, PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ S/m; $\epsilon_r = 38.914$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(5.27, 5.27, 5.27); Calibrated: 3/21/2017; Electronics: DAE4 Sn1391

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-08-11; Ambient Temp: 21.7; Tissue Temp: 22.1

Right Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery

With Enlarge Plot image

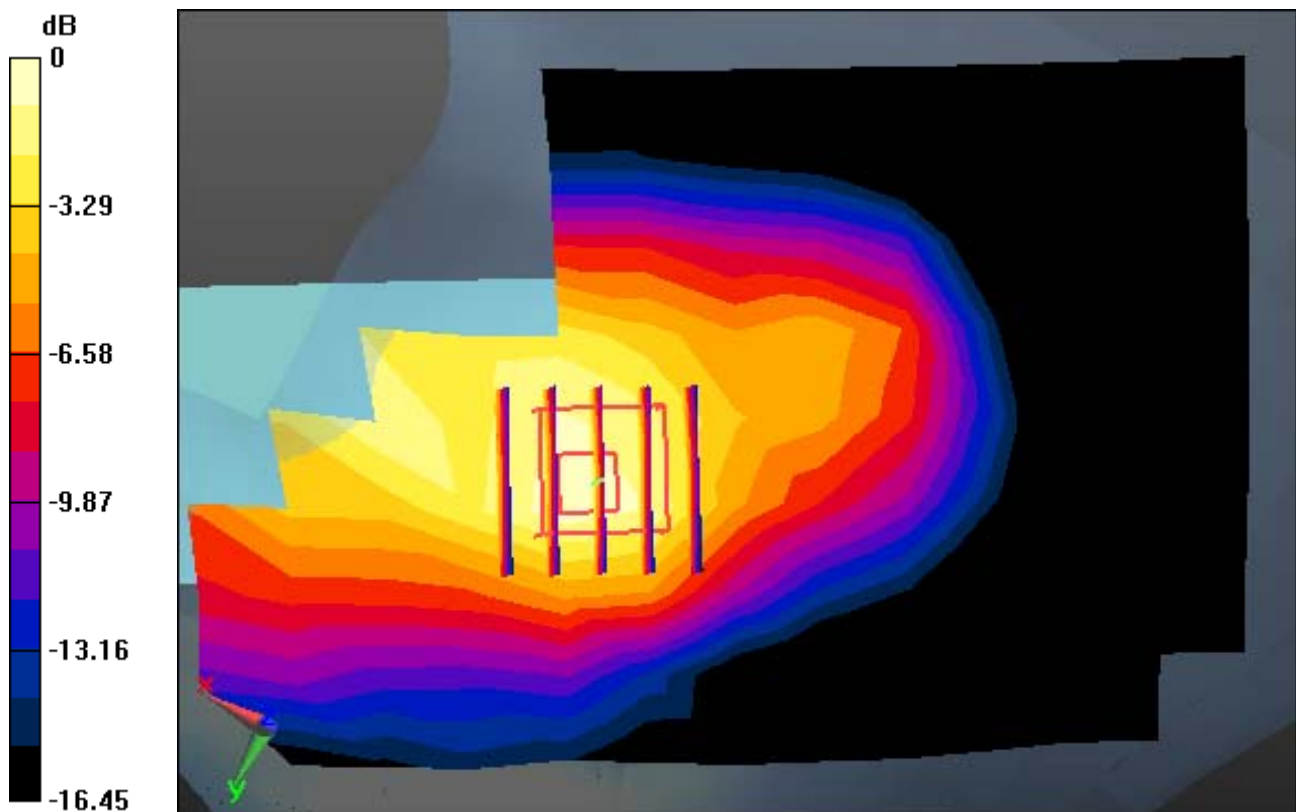
Area Scan (9x18x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.533 W/kg

SAR(1 g) = 0.356 W/kg; SAR(10 g) = 0.219 W/kg



0 dB = 0.415 W/kg

DT&C Co., Ltd.

DUT: YKEA60; Type: Folder

Communication System: UID 0, PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ S/m; $\epsilon_r = 38.914$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(5.27, 5.27, 5.27); Calibrated: 3/21/2017; Electronics: DAE4 Sn1391

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-08-11; Ambient Temp: 21.7; Tissue Temp: 22.1

Right Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery

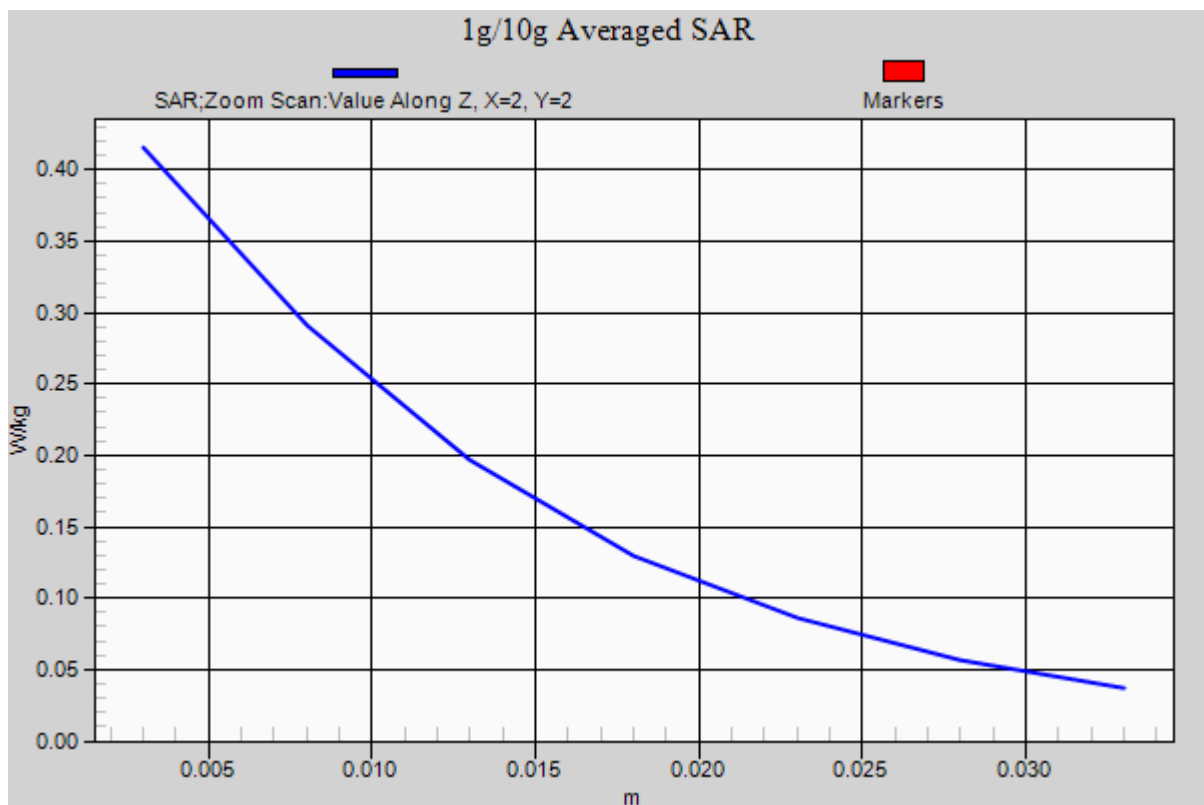
Area Scan (9x18x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.533 W/kg

SAR(1 g) = 0.356 W/kg; SAR(10 g) = 0.219 W/kg



DT&C Co., Ltd.

DUT: YKEA60; Type: Folder

Communication System: UID 0, PCS1900_Class 10 (0); Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.43 \text{ S/m}$; $\epsilon_r = 38.914$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(5.27, 5.27, 5.27); Calibrated: 3/21/2017; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-08-11; Ambient Temp: 21.7; Tissue Temp: 22.1

Right Touch, PCS1900 GPRS 2Tx Ch. 661, Ant Internal, Standard Battery

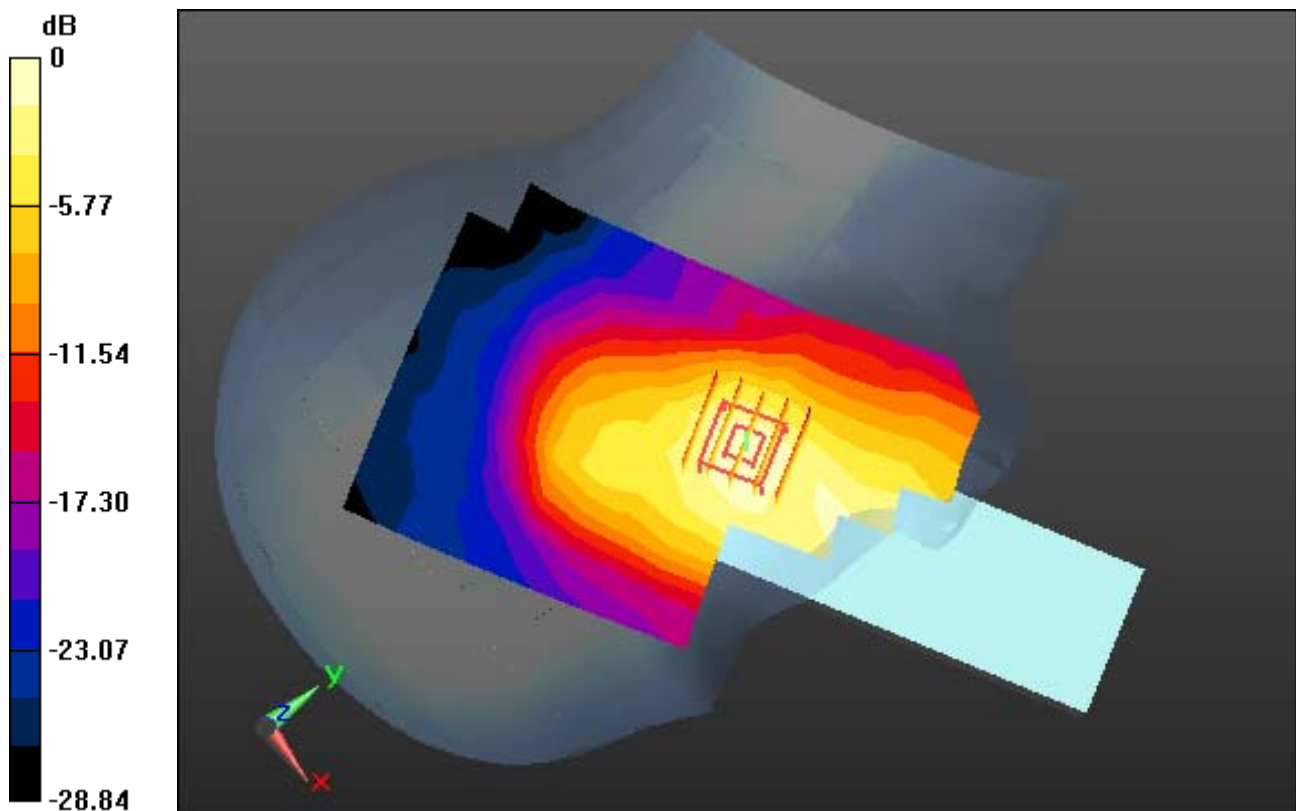
Area Scan (9x18x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.691 W/kg

SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.287 W/kg



0 dB = 0.549 W/kg

DT&C Co., Ltd.

DUT: YKEA60; Type: Folder

Communication System: UID 0, PCS1900_Class 10 (0); Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ S/m; $\epsilon_r = 38.914$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(5.27, 5.27, 5.27); Calibrated: 3/21/2017; Electronics: DAE4 Sn1391

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-08-11; Ambient Temp: 21.7; Tissue Temp: 22.1

Right Touch, PCS1900 GPRS 2Tx Ch. 661, Ant Internal, Standard Battery

With Enlarge Plot image

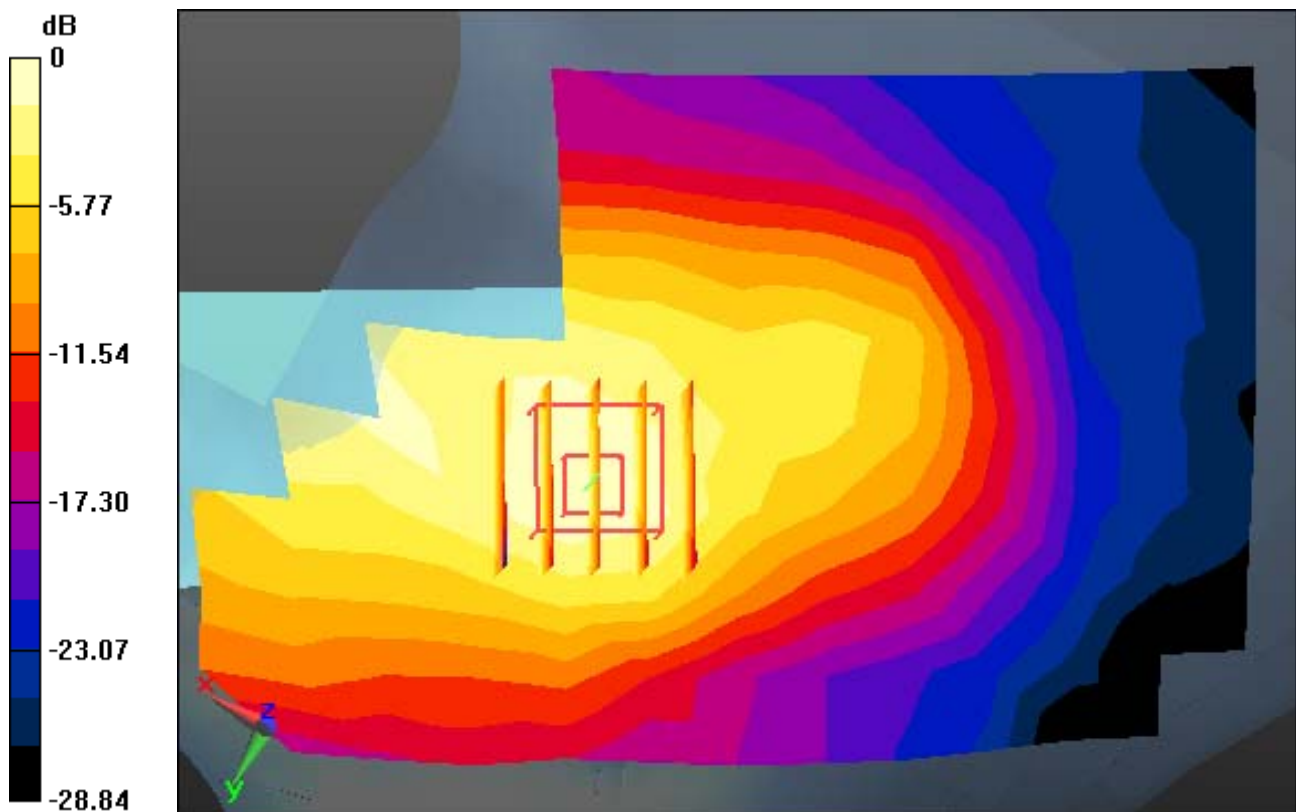
Area Scan (9x18x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.691 W/kg

SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.287 W/kg



0 dB = 0.549 W/kg

DT&C Co., Ltd.

DUT: YKEA60; Type: Folder

Communication System: UID 0, PCS1900_Class 10 (0); Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ S/m; $\epsilon_r = 38.914$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(5.27, 5.27, 5.27); Calibrated: 3/21/2017; Electronics: DAE4 Sn1391

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-08-11; Ambient Temp: 21.7; Tissue Temp: 22.1

Right Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery

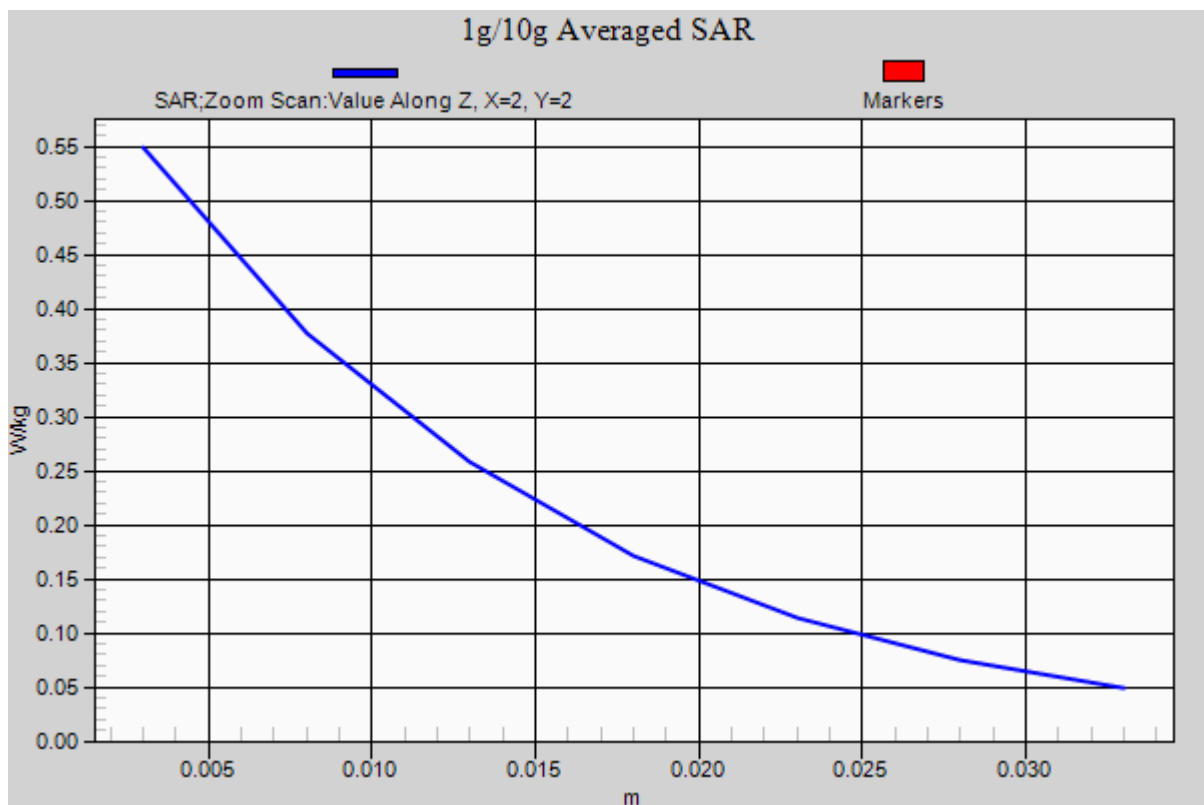
Area Scan (9x18x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.691 W/kg

SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.287 W/kg



DT&C Co., Ltd.

DUT: YKEA60; Type: Folder

Communication System: UID 0, W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.842 \text{ S/m}$; $\epsilon_r = 38.36$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(4.72, 4.72, 4.72); Calibrated: 3/21/2017; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-08-29; Ambient Temp: 21.6; Tissue Temp: 22.2

Left Touch, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery

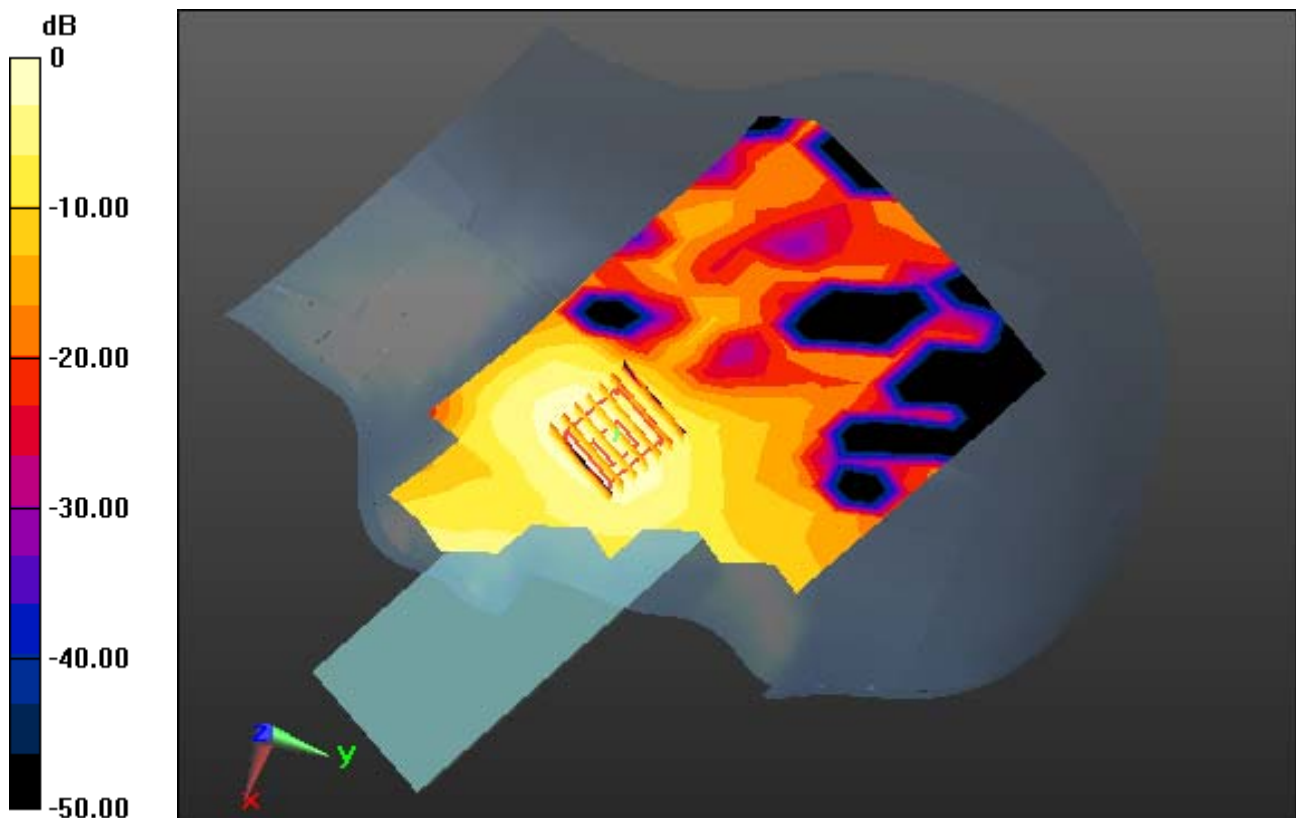
Area Scan (11x22x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0610 W/kg

SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.019 W/kg



0 dB = 0.0439 W/kg

DT&C Co., Ltd.

DUT: YKEA60; Type: Folder

Communication System: UID 0, W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.842 \text{ S/m}$; $\epsilon_r = 38.36$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(4.72, 4.72, 4.72); Calibrated: 3/21/2017; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-08-29; Ambient Temp: 21.6; Tissue Temp: 22.2

Left Touch, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery

With Enlarge Plot image

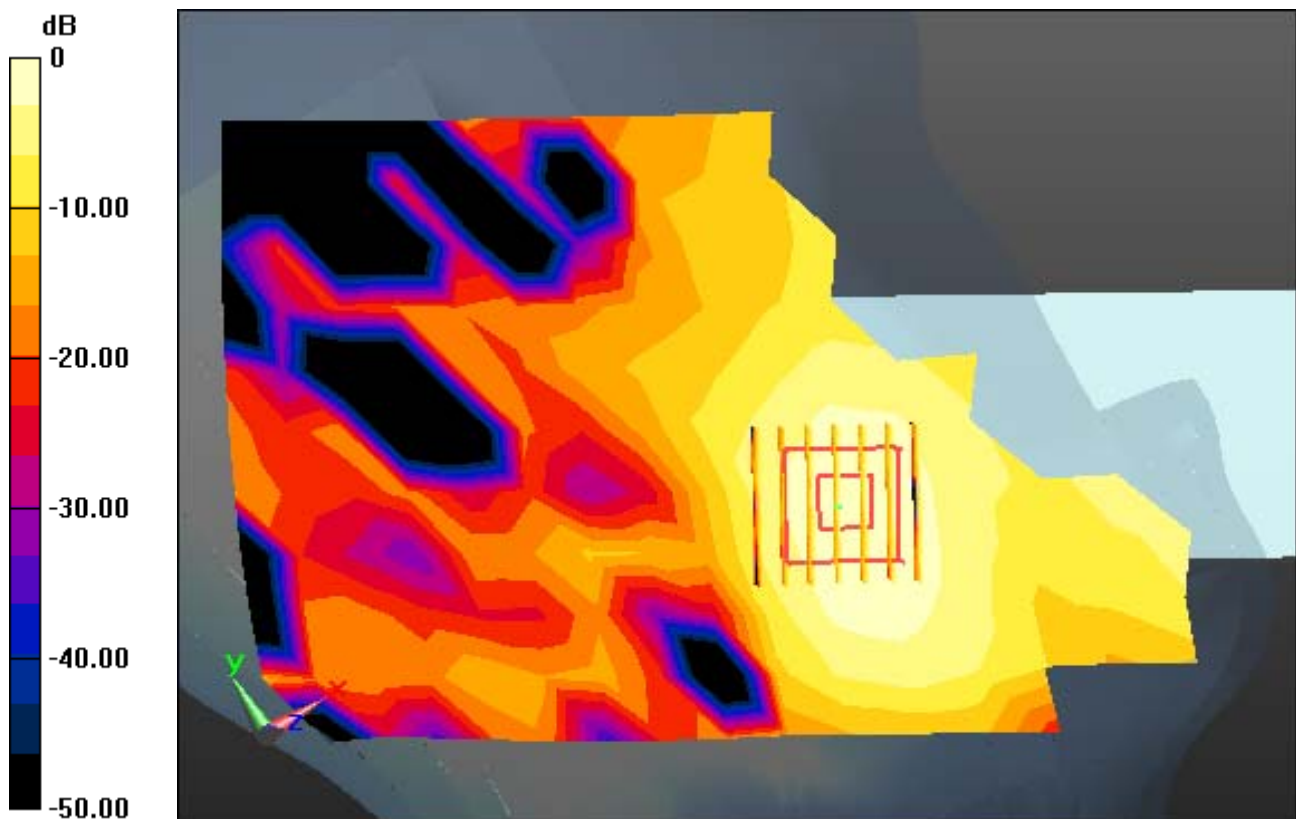
Area Scan (11x22x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0610 W/kg

SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.019 W/kg



0 dB = 0.0439 W/kg

DT&C Co., Ltd.

DUT: YKEA60; Type: Folder

Communication System: UID 0, W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.842 \text{ S/m}$; $\epsilon_r = 38.36$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(4.72, 4.72, 4.72); Calibrated: 3/21/2017; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-08-29; Ambient Temp: 21.6; Tissue Temp: 22.2

Left Touch, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery

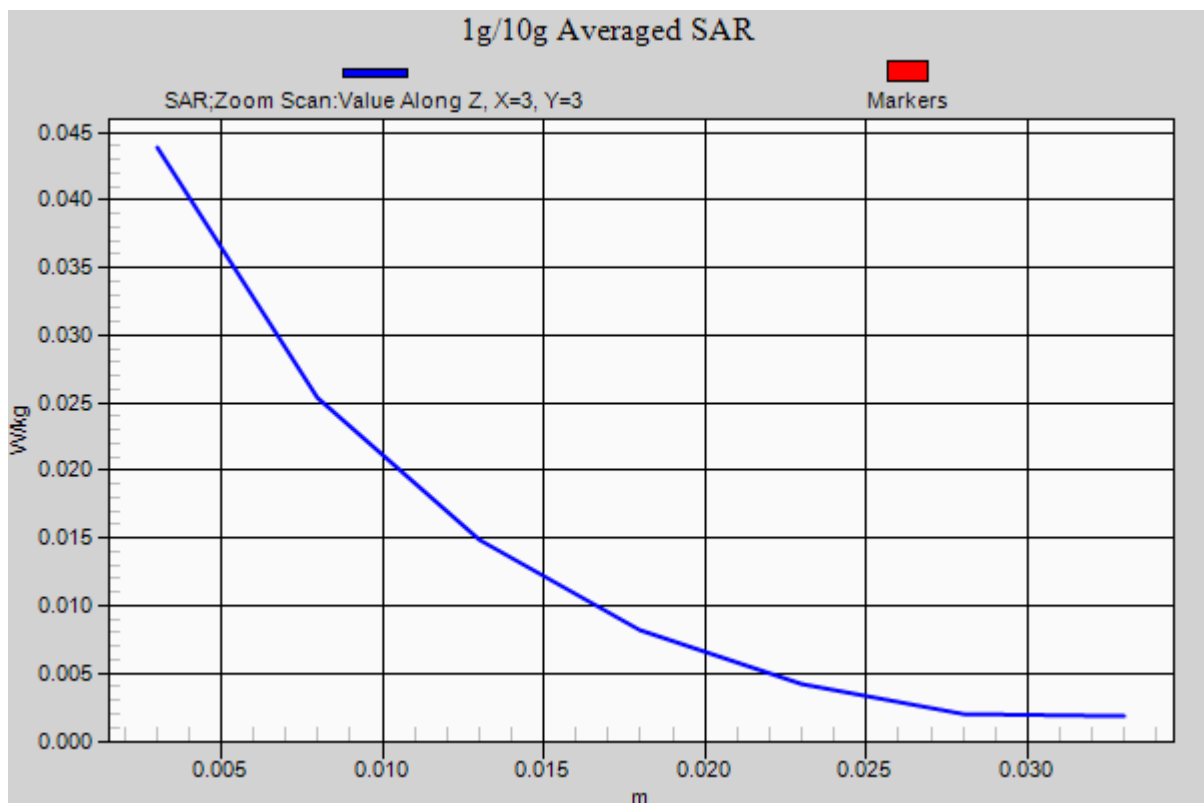
Area Scan (11x22x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0610 W/kg

SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.019 W/kg



DT&C Co., Ltd.

DUT: YKEA60; Type: Folder

Communication System: UID 0, PCS 1900 (0); Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.5$ S/m; $\epsilon_r = 52.388$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(4.91, 4.91, 4.91); Calibrated: 3/21/2017; Electronics: DAE4 Sn1391

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-08-11; Ambient Temp; 21.7; Tissue Temp: 22.3

1 cm space from Body, Rear, PCS1900 Ch. 512, Ant Internal

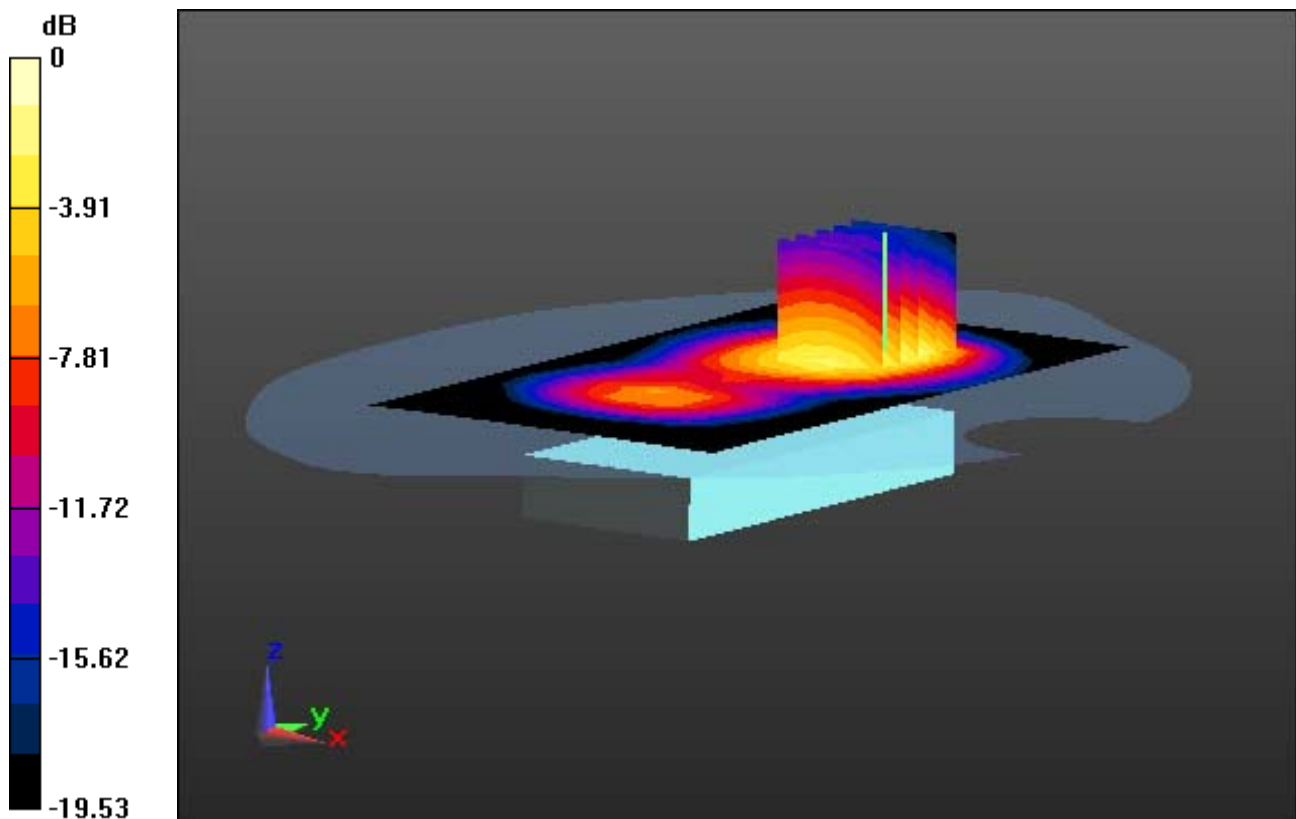
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.828 W/kg; SAR(10 g) = 0.453 W/kg



0 dB = 1.02 W/kg

DT&C Co., Ltd.

DUT: YKEA60; Type: Folder

Communication System: UID 0, PCS 1900 (0); Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.5$ S/m; $\epsilon_r = 52.388$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(4.91, 4.91, 4.91); Calibrated: 3/21/2017; Electronics: DAE4 Sn1391

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-08-11; Ambient Temp; 21.7; Tissue Temp: 22.3

1 cm space from Body, Rear, PCS1900 Ch. 512, Ant Internal

With Enlarge Plot image

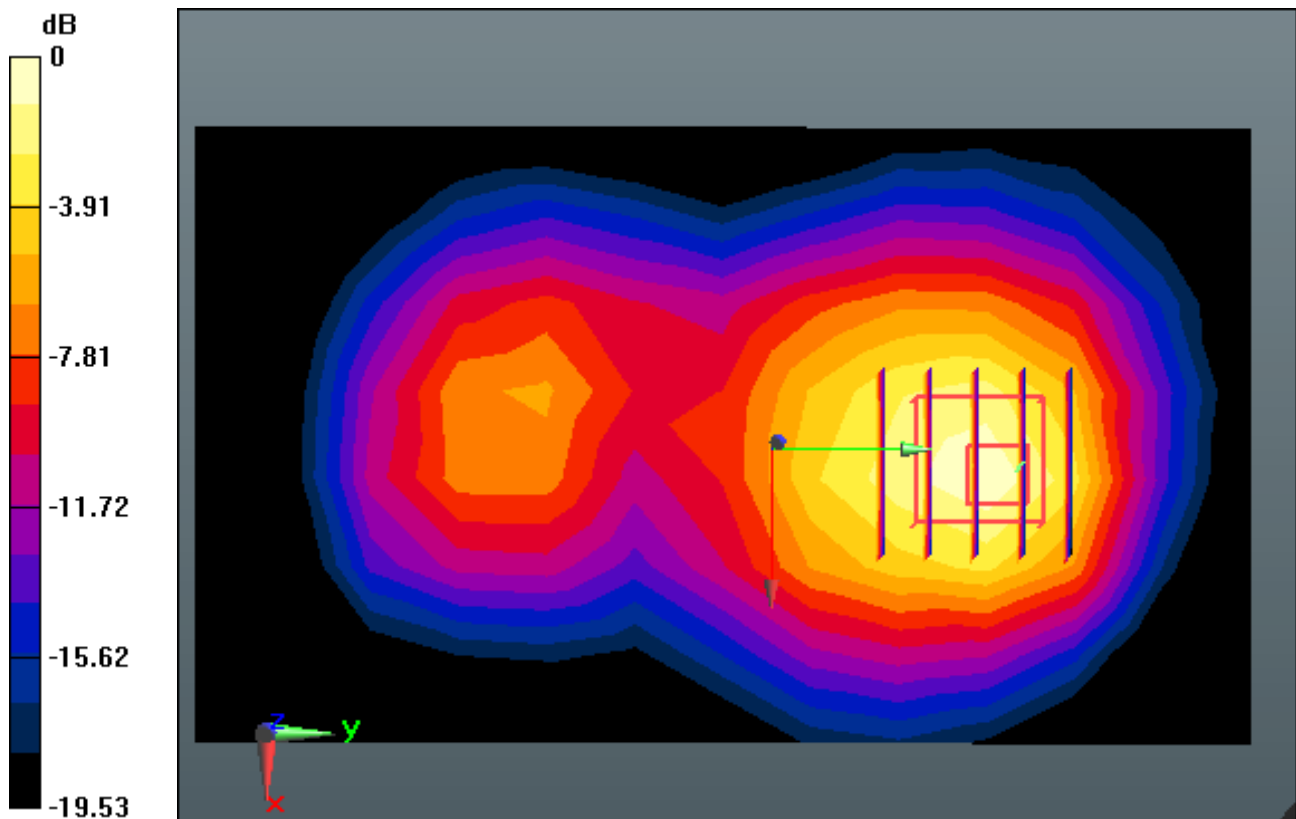
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.828 W/kg; SAR(10 g) = 0.453 W/kg



0 dB = 1.02 W/kg

DT&C Co., Ltd.

DUT: YKEA60; Type: Folder

Communication System: UID 0, PCS 1900 (0); Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.5$ S/m; $\epsilon_r = 52.388$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(4.91, 4.91, 4.91); Calibrated: 3/21/2017; Electronics: DAE4 Sn1391

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-08-11; Ambient Temp; 21.7; Tissue Temp: 22.3

1 cm space from Body, Rear, PCS1900 Ch. 512, Ant Internal

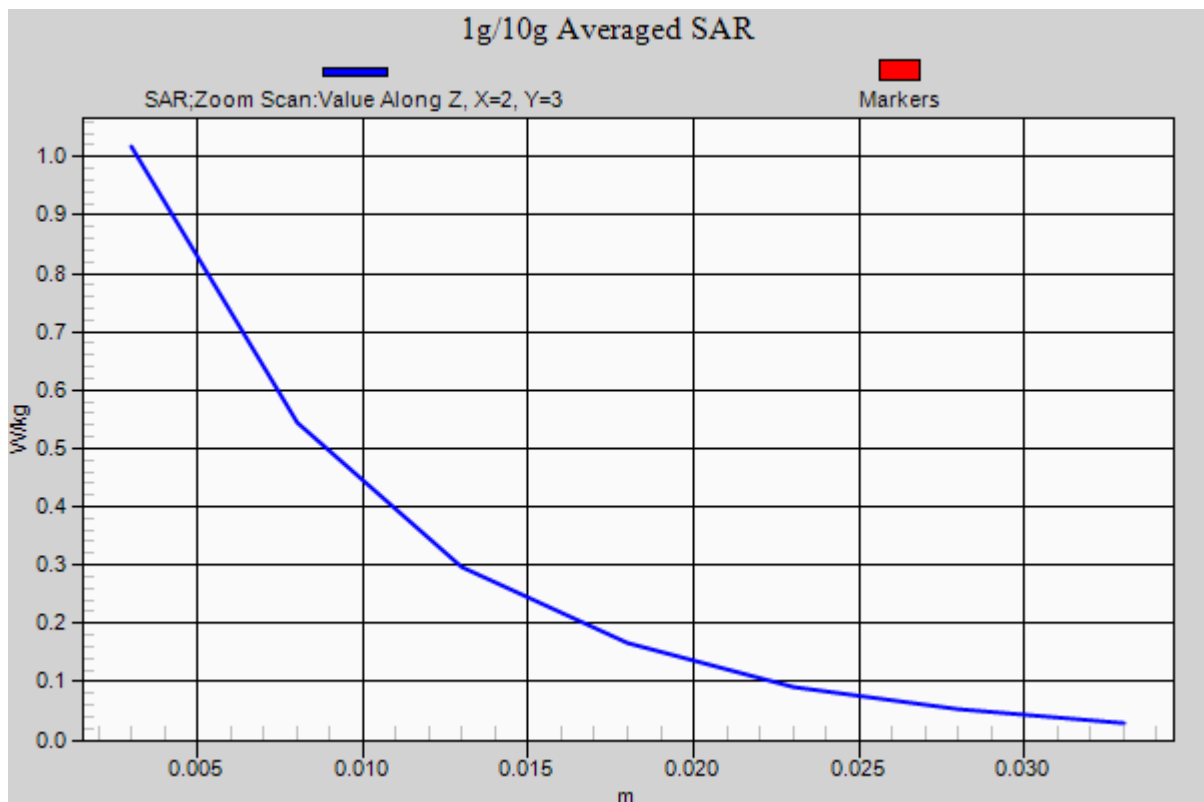
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.828 W/kg; SAR(10 g) = 0.453 W/kg



DT&C Co., Ltd.

DUT: YKEA60; Type: Folder

Communication System: UID 0, PCS1900_Class 10 (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.5 \text{ S/m}$; $\epsilon_r = 52.388$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(4.91, 4.91, 4.91); Calibrated: 3/21/2017; Electronics: DAE4 Sn1391

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-08-11; Ambient Temp: 21.7; Tissue Temp: 22.3

1 cm space from Body, Rear, PCS1900 GPRS 2Tx Ch. 512, Ant Internal

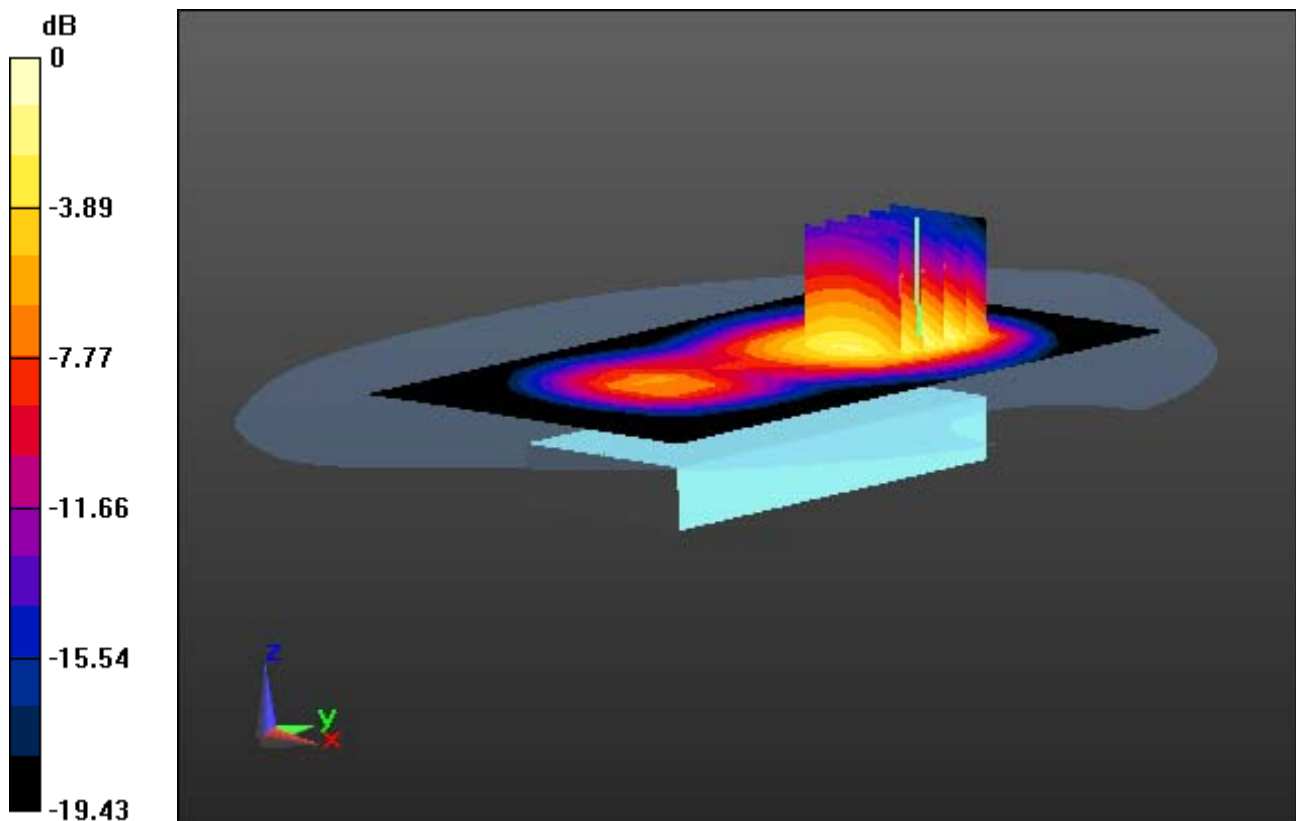
Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.19 W/kg

SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.648 W/kg



0 dB = 1.45 W/kg

DT&C Co., Ltd.

DUT: YKEA60; Type: Folder

Communication System: UID 0, PCS1900_Class 10 (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.5$ S/m; $\epsilon_r = 52.388$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(4.91, 4.91, 4.91); Calibrated: 3/21/2017; Electronics: DAE4 Sn1391

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-08-11; Ambient Temp: 21.7; Tissue Temp: 22.3

1 cm space from Body, Rear, PCS1900 GPRS 2Tx Ch. 512, Ant Internal

With Enlarge Plot image

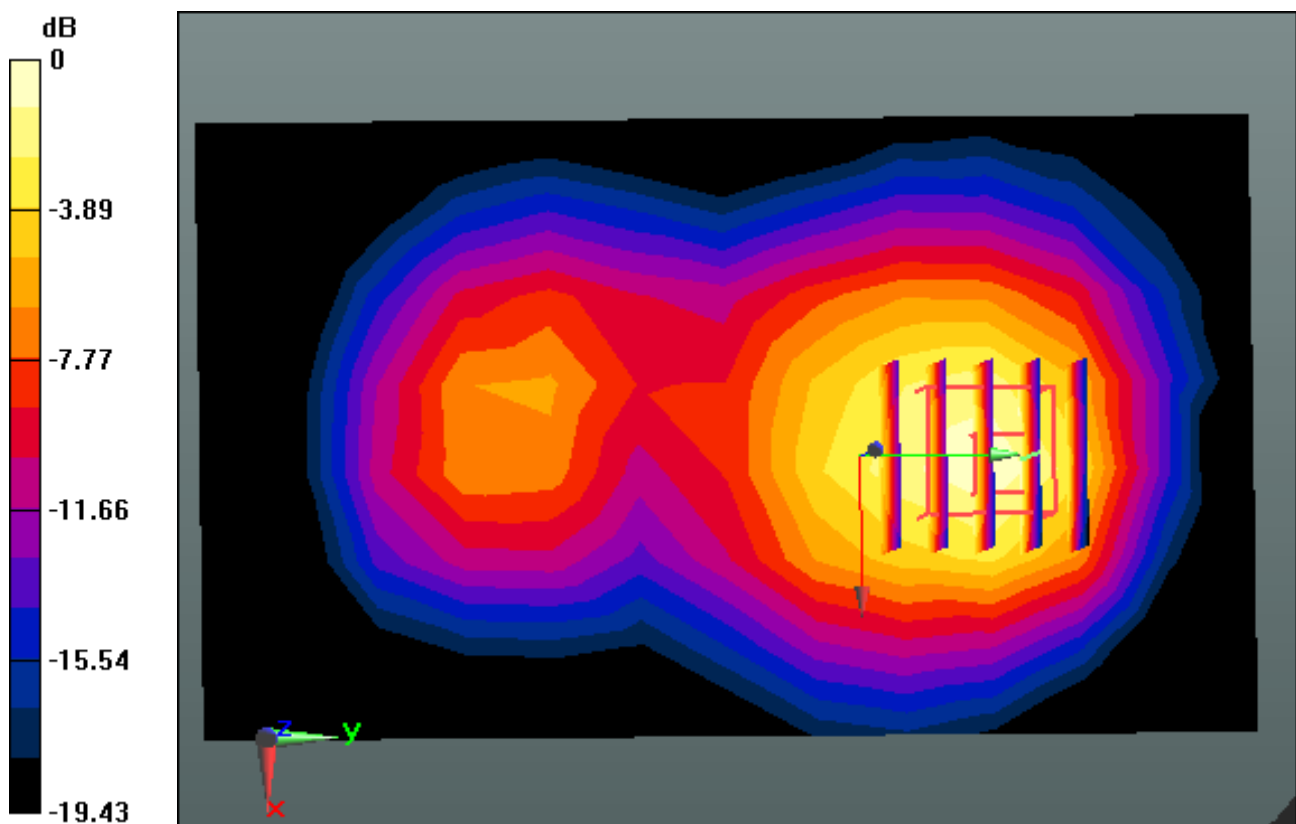
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.19 W/kg

SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.648 W/kg



0 dB = 1.45 W/kg

DT&C Co., Ltd.

DUT: YKEA60; Type: Folder

Communication System: UID 0, PCS1900_Class 10 (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.5$ S/m; $\epsilon_r = 52.388$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(4.91, 4.91, 4.91); Calibrated: 3/21/2017; Electronics: DAE4 Sn1391

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-08-11; Ambient Temp: 21.7; Tissue Temp: 22.3

1 cm space from Body, Rear, PCS1900 GPRS 2Tx Ch. 512, Ant Internal

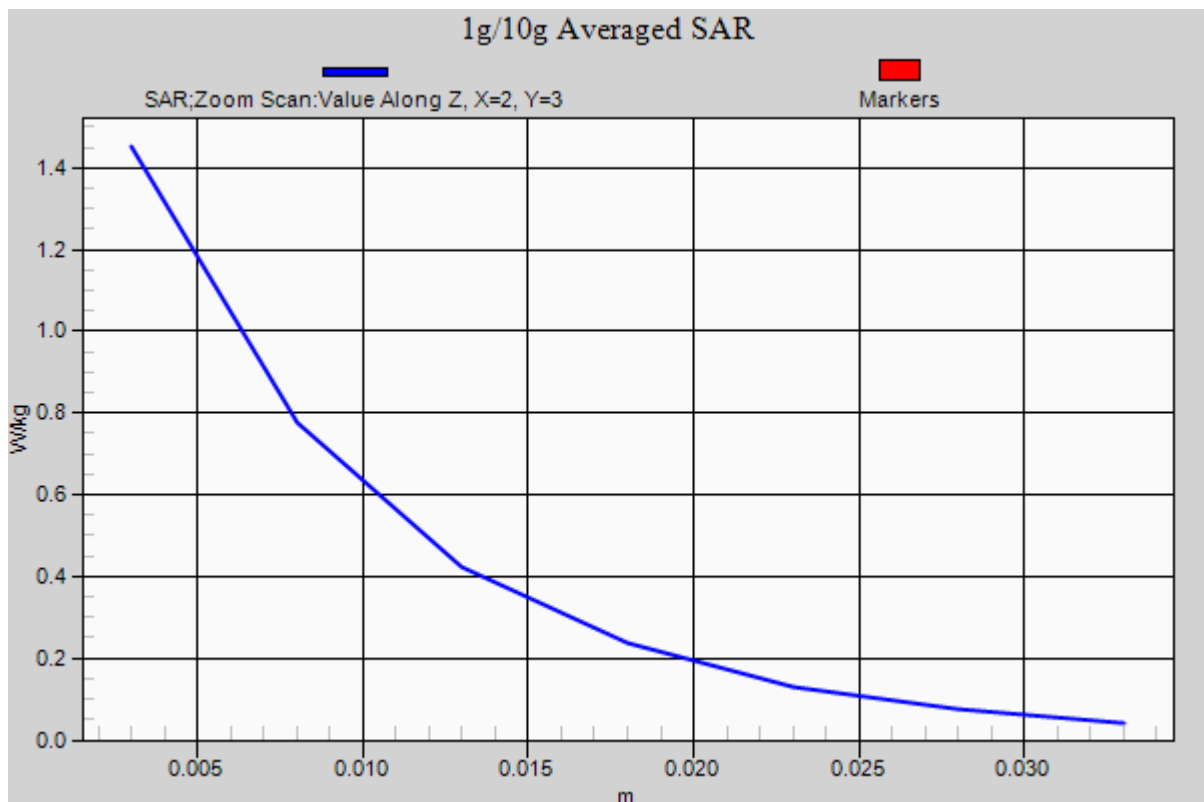
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.19 W/kg

SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.648 W/kg



DT&C Co., Ltd.

DUT: YKEA60; Type: Folder

Communication System: UID 0, W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.973 \text{ S/m}$; $\epsilon_r = 51.131$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(4.53, 4.53, 4.53); Calibrated: 3/21/2017; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-08-29; Ambient Temp; 21.6; Tissue Temp: 22.0

1 cm space from Body, Rear, W-LAN(802.11b) Ch. 11, Ant Internal

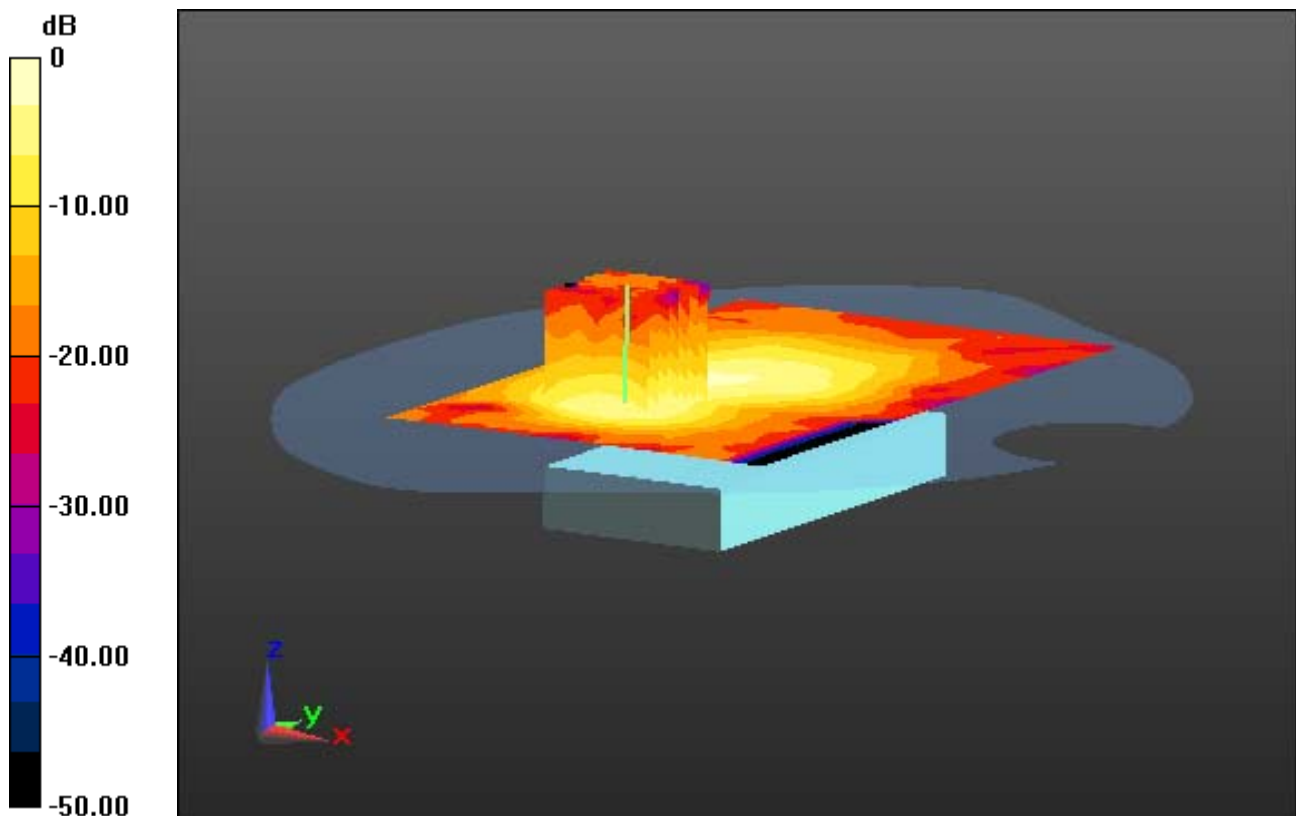
Area Scan (10x16x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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) = 0.170 W/kg

SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.040 W/kg



0 dB = 0.105 W/kg

DT&C Co., Ltd.

DUT: YKEA60; Type: Folder

Communication System: UID 0, W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.973 \text{ S/m}$; $\epsilon_r = 51.131$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(4.53, 4.53, 4.53); Calibrated: 3/21/2017; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-08-29; Ambient Temp; 21.6; Tissue Temp: 22.0

1 cm space from Body, Rear, W-LAN(802.11b) Ch. 11, Ant Internal

With Enlarge Plot image

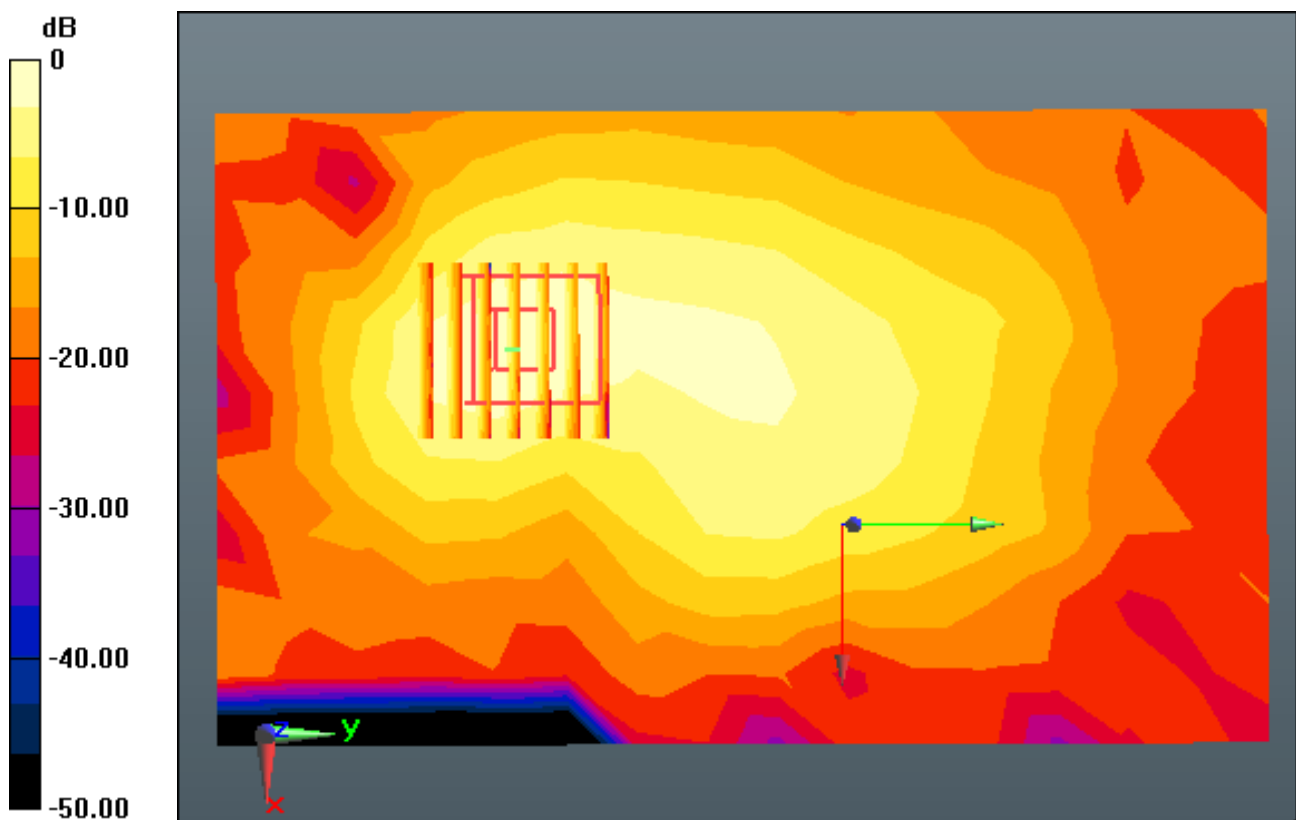
Area Scan (10x16x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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) = 0.170 W/kg

SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.040 W/kg



0 dB = 0.105 W/kg

DT&C Co., Ltd.

DUT: YKEA60; Type: Folder

Communication System: UID 0, W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.973 \text{ S/m}$; $\epsilon_r = 51.131$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(4.53, 4.53, 4.53); Calibrated: 3/21/2017; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-08-29; Ambient Temp; 21.6; Tissue Temp: 22.0

1 cm space from Body, Rear, W-LAN(802.11b) Ch. 11, Ant Internal

Area Scan (10x16x1): 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) = 0.170 W/kg

SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.040 W/kg

