

SAR Plots

- Verification Plots
- SAR Test Plots

DT&C CO., Ltd

DUT: EB1146; Type: Bar;

Communication System: UID 0, GSM850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 42.665$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.42, 10.42, 10.42) @ 836.6 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Date: 2022-10-24; Ambient Temp: 22.1; Tissue Temp: 22.5

Left Touch, GSM850 Ch. 190, Ant Internal, Standard Battery

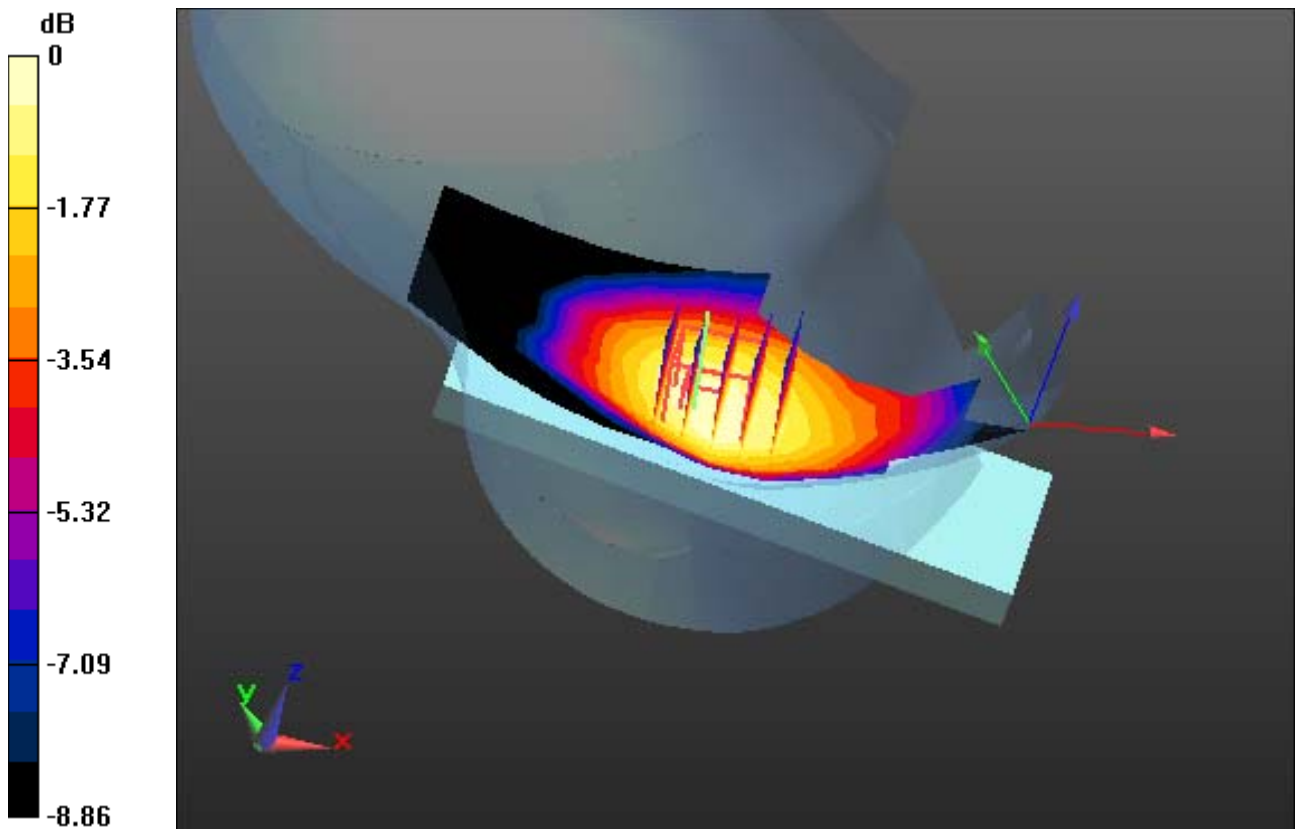
Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.141 W/kg



0 dB = 0.214 W/kg

DT&C CO., Ltd

DUT: EB1146; Type: Bar;

Communication System: UID 0, GSM850 4TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 42.665$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.42, 10.42, 10.42) @ 836.6 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Date: 2022-10-24; Ambient Temp: 22.1; Tissue Temp: 22.5

Left Touch, GSM850 GPRS 4 Tx Ch. 190, Ant Internal, Standard Battery

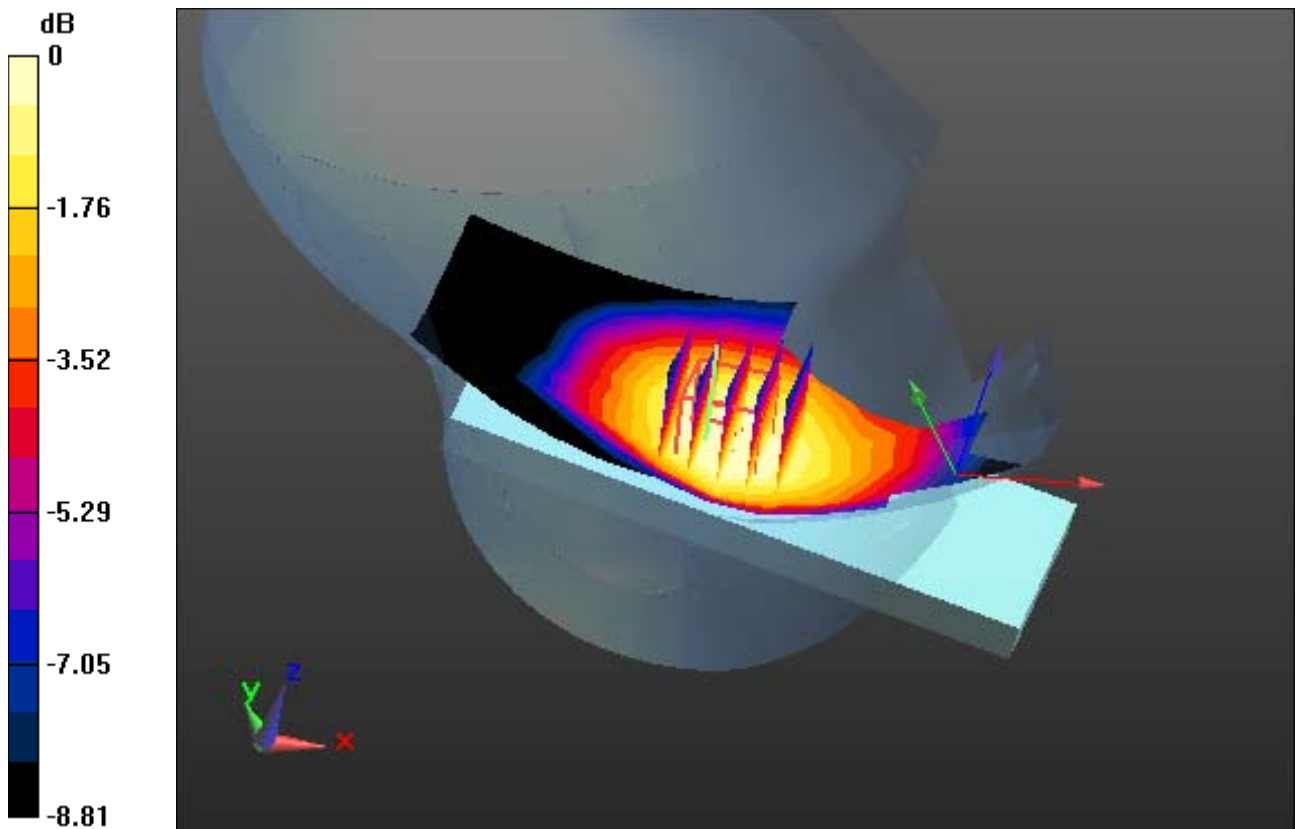
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.259 W/kg

SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.155 W/kg



0 dB = 0.233 W/kg

DT&C CO., Ltd

DUT: EB1146; Type: Bar;

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.376 \text{ S/m}$; $\epsilon_r = 39.858$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(8.24, 8.24, 8.24) @ 1880 MHz; Calibrated: 3/30/2022 Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Date: 2022-11-01; Ambient Temp: 20.7; Tissue Temp: 20.9

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

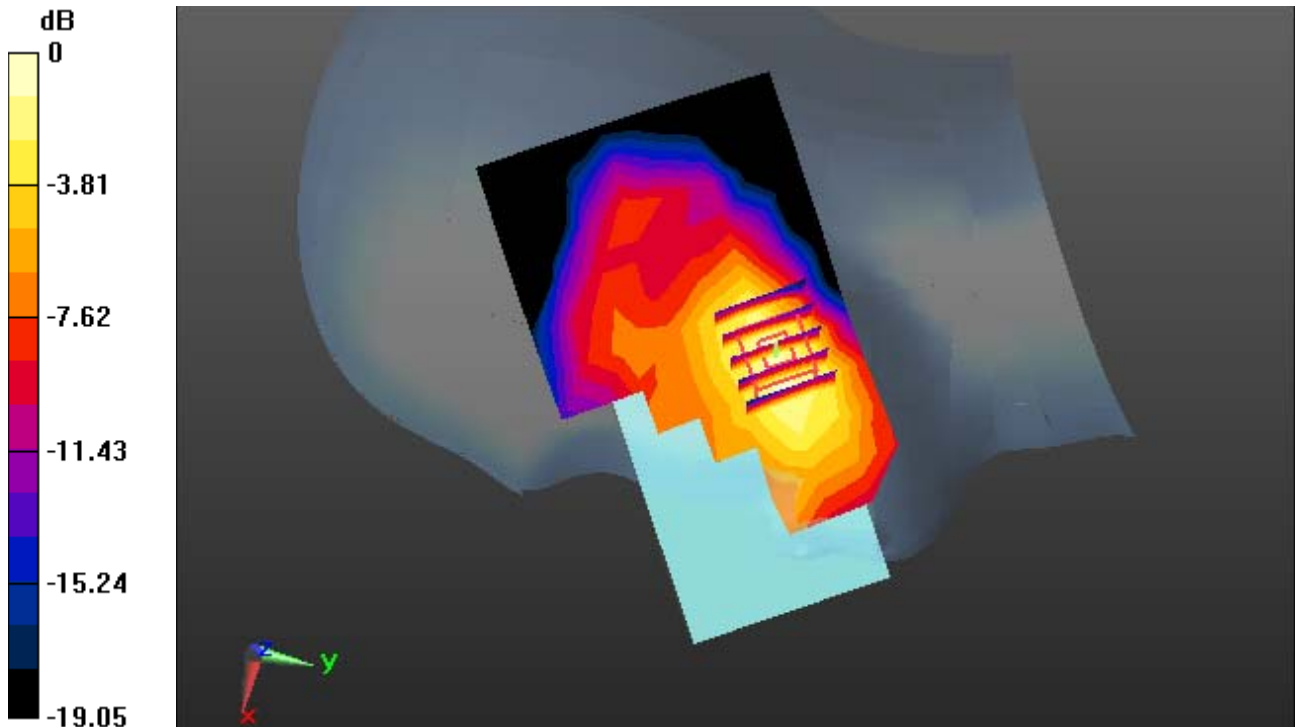
Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0630 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.020 W/kg



0 dB = 0.0513 W/kg

DT&C CO., Ltd

DUT: EB1146; Type: Bar;

Communication System: UID 0, PCS1900_4Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.376 \text{ S/m}$; $\epsilon_r = 39.858$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(8.24, 8.24, 8.24) @ 1880 MHz; Calibrated: 3/30/2022 Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Date: 2022-11-01; Ambient Temp: 20.7; Tissue Temp: 20.9

Right Touch, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal, Standard Battery

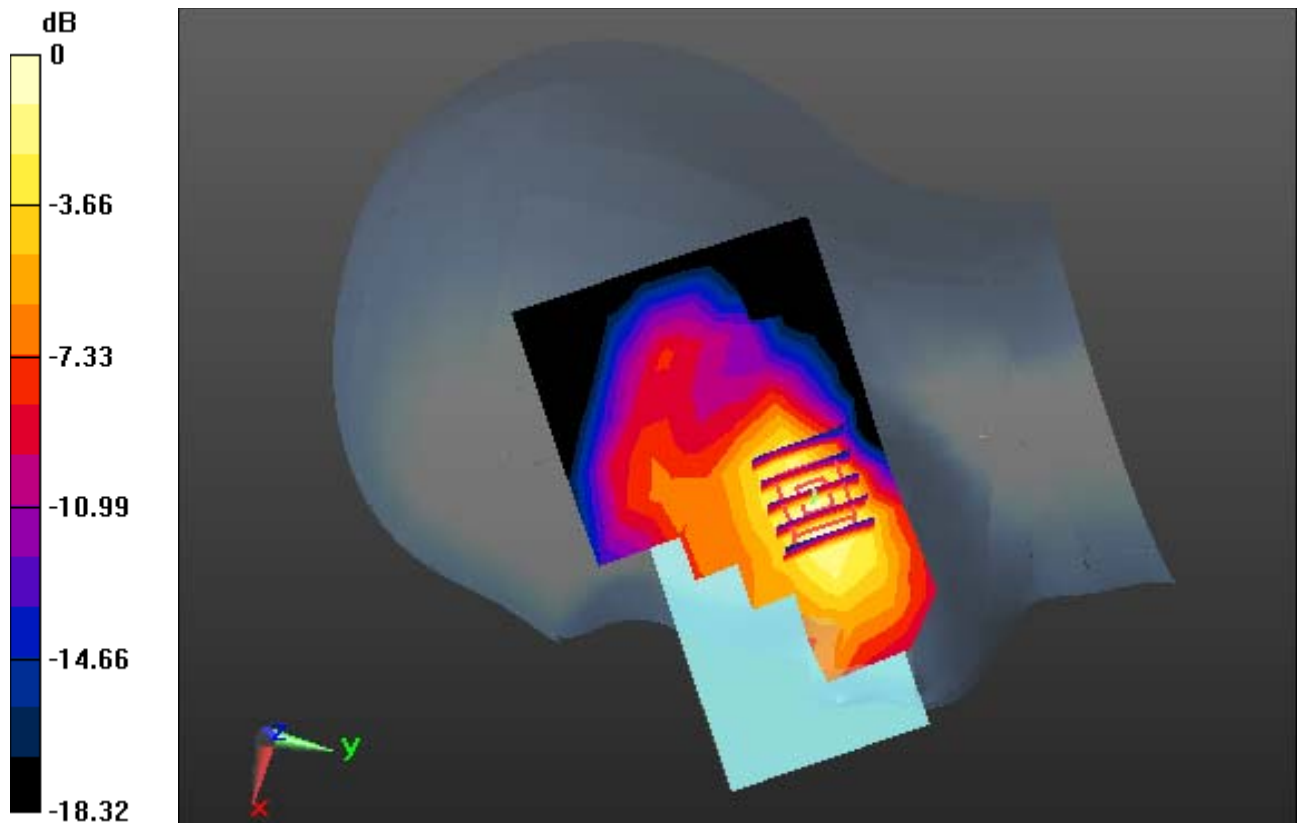
Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0620 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.022 W/kg



0 dB = 0.0494 W/kg

DT&C Co., Ltd.

DUT: EB1146; Type: Bar;

Communication System: UID 0, WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 42.665$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.42, 10.42, 10.42) @ 836.6 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-10-24; Ambient Temp: 22.1; Tissue Temp: 22.5

Right Touch, WCDMA Band 5 Ch. 4183, Ant Internal, Standard Battery

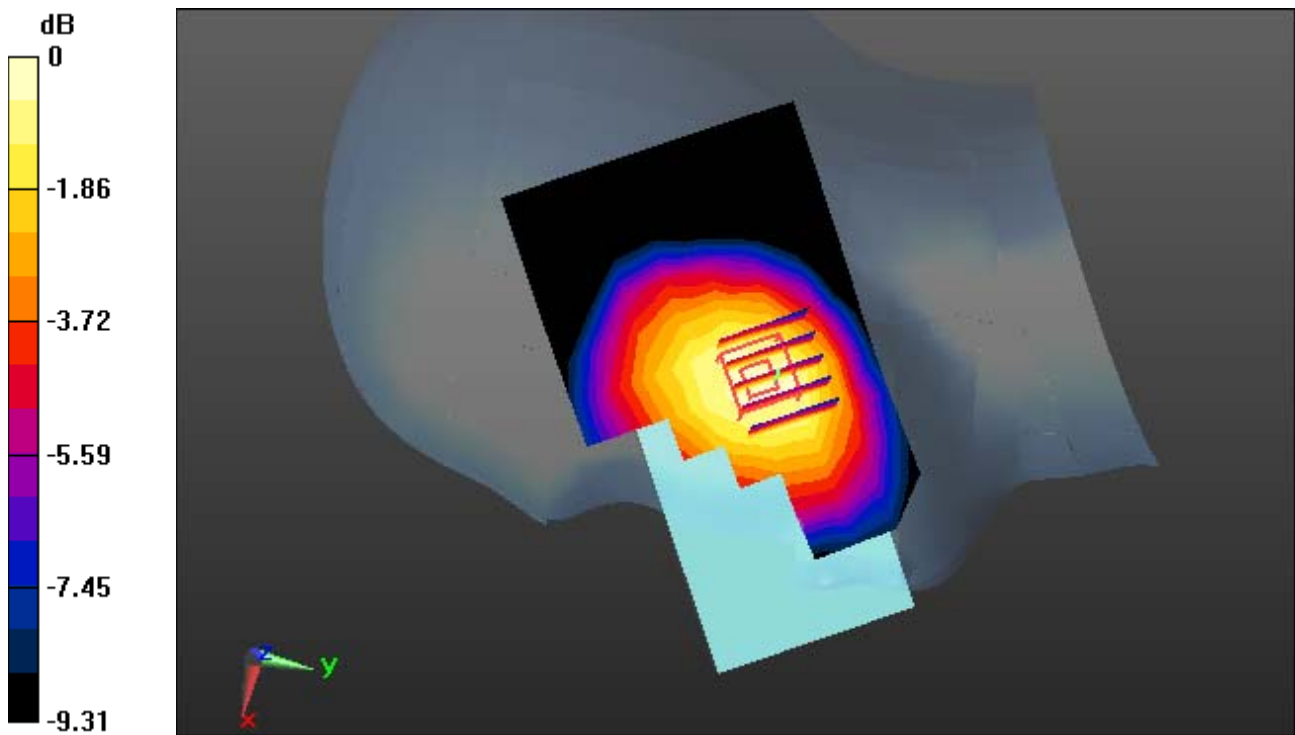
Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.224 W/kg

SAR(1 g) = 0.178 W/kg; SAR(10 g) = 0.136 W/kg



0 dB = 0.203 W/kg

DT&C Co., Ltd.

DUT: EB1146; Type: Bar;

Communication System: UID 0, WCDMA 1700 (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.4$ MHz; $\sigma = 1.343$ S/m; $\epsilon_r = 39.659$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(8.53, 8.53, 8.53) @ 1732.4 MHz; Calibrated: 3/30/2022 Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-11-02; Ambient Temp: 20.9; Tissue Temp: 20.8

Right Touch, WCDMA Band 4 Ch. 1412, Ant Internal, Standard Battery

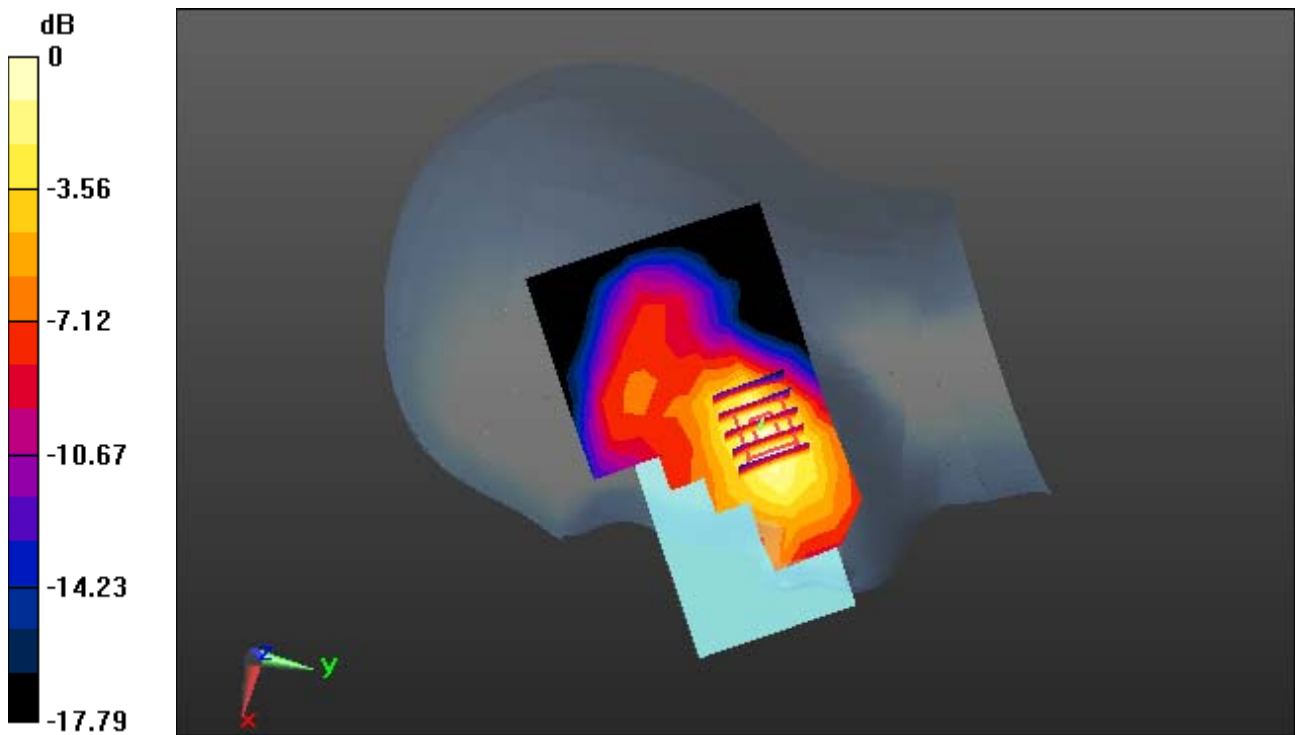
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.102 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.039 W/kg



0 dB = 0.0819 W/kg

DT&C Co., Ltd.

DUT: EB1146; Type: Bar;

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.376 \text{ S/m}$; $\epsilon_r = 39.858$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(8.24, 8.24, 8.24) @ 1880 MHz; Calibrated: 3/30/2022 Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-11-01; Ambient Temp: 20.7; Tissue Temp: 20.9

Right Touch, WCDMA Band 2 Ch. 9400, Ant Internal, Standard Battery

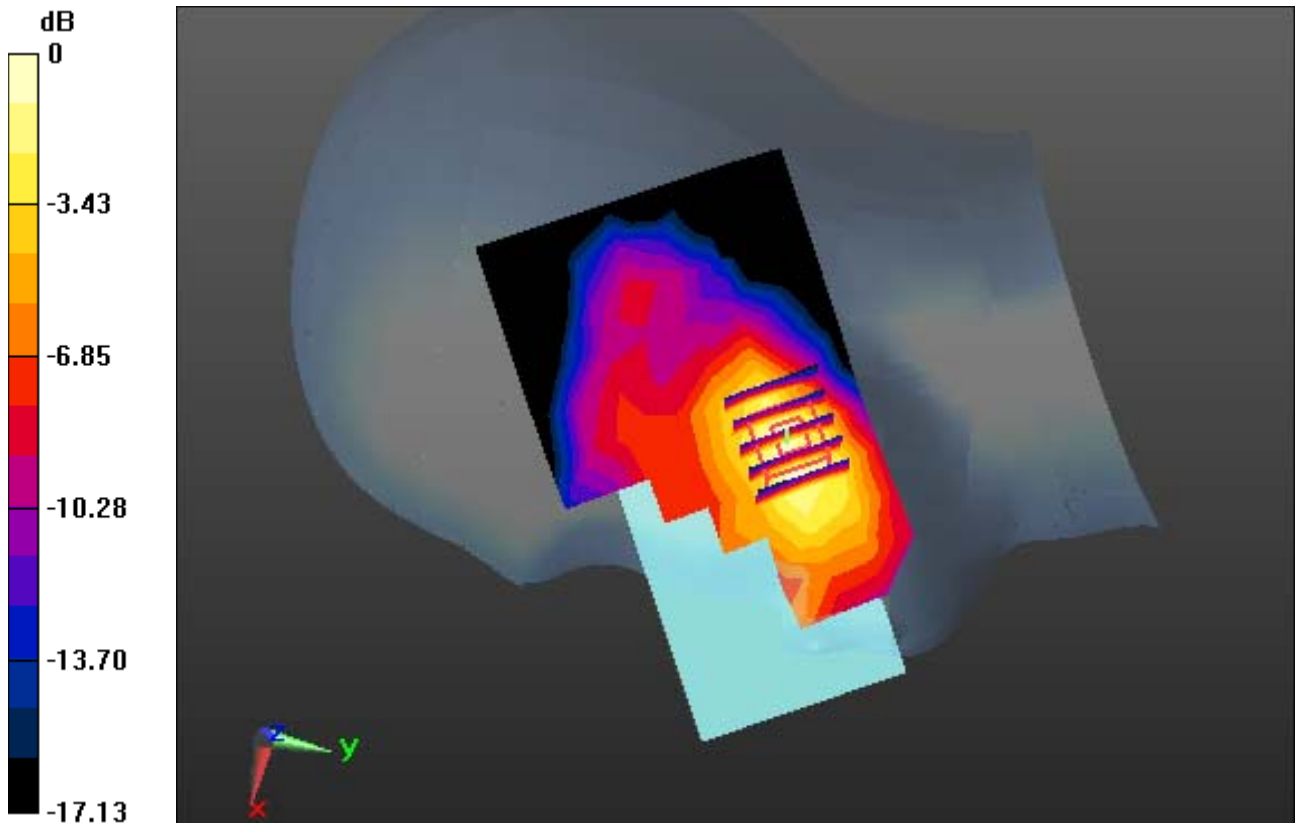
Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.154 W/kg

SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.052 W/kg



0 dB = 0.120 W/kg

DT&C Co., Ltd.

DUT: EB1146; Type: Bar;

Communication System: UID 0, LTE Band 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.864$ S/m; $\epsilon_r = 42.199$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.75, 10.75, 10.75) @ 707.5 MHz; Calibrated: 9/27/2022 Electronics: DAE4
Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-10-25; Ambient Temp: 21.5; Tissue Temp: 21.9

Left Touch, LTE Band 12 Ch. 23095, Ant Internal, Standard Battery

Mode : BandWidth 10 MHz, QPSK, RB Size: 1

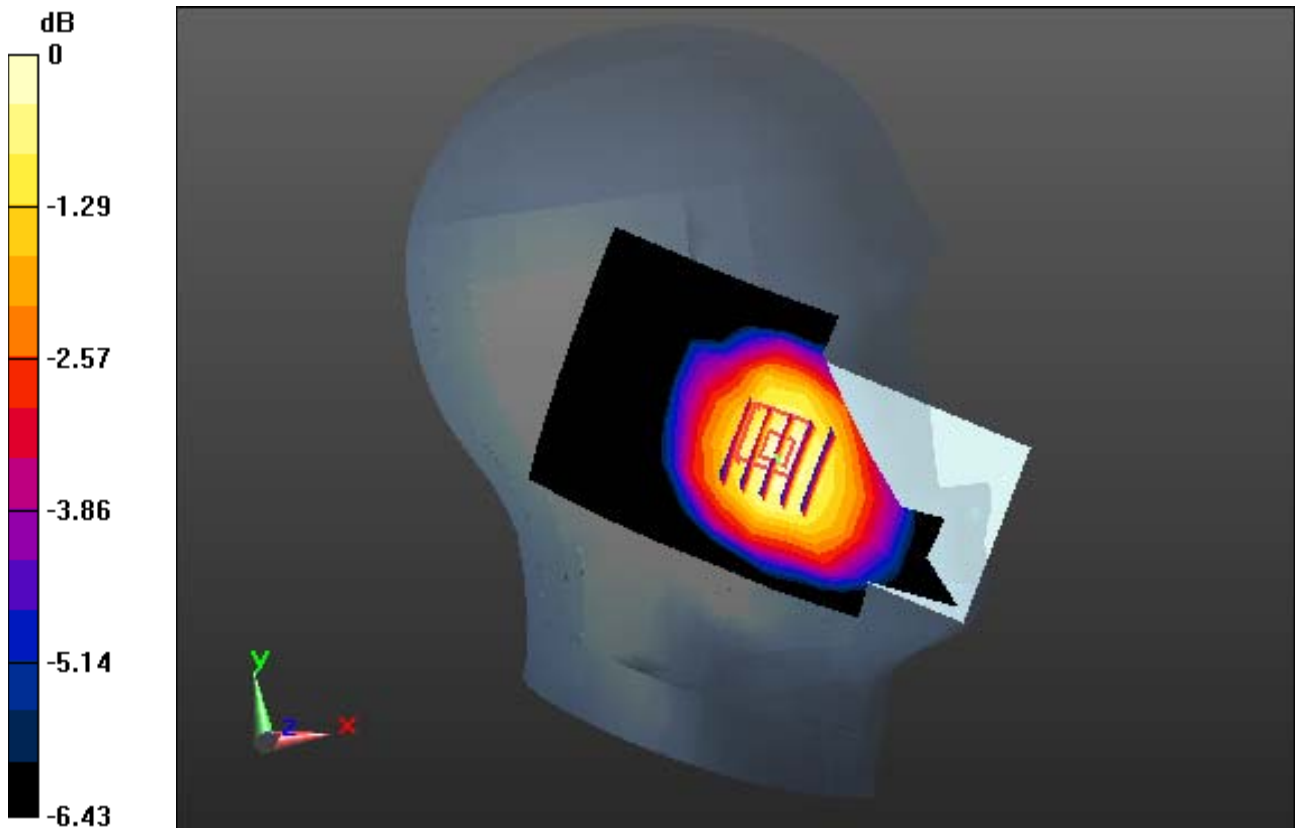
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0330 W/kg

SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.023 W/kg



0 dB = 0.0304 W/kg

DT&C Co., Ltd.

DUT: EB1146; Type: Bar;

Communication System: UID 0, LTE Band 5 (CE) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 42.669$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.42, 10.42, 10.42) @ 836.5 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-10-24; Ambient Temp: 22.1; Tissue Temp: 22.5

Left Touch, LTE Band 5 Ch. 20525, Ant Internal, Standard Battery

Mode : BandWidth 10 MHz, QPSK, RB Size: 1

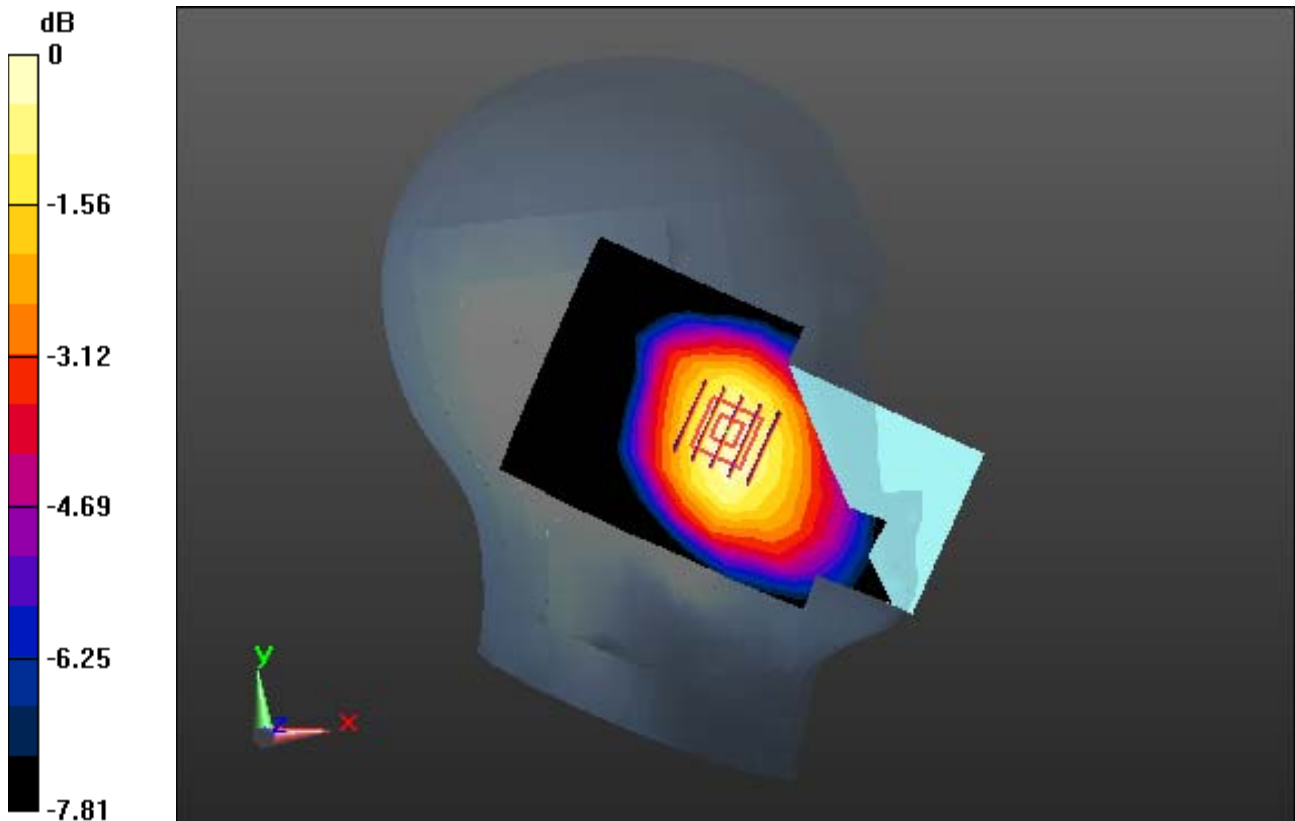
Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.208 W/kg

SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.131 W/kg



0 dB = 0.191 W/kg

DT&C Co., Ltd.

DUT: EB1146; Type: Bar;

Communication System: UID 0, LTE Band 4(FCC) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.344$ S/m; $\epsilon_r = 39.659$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(8.53, 8.53, 8.53) @ 1732.5 MHz; Calibrated: 3/30/2022 Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right_2013_09_24 Type: QD000P40CD; Serial: TP:1783

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-11-02; Ambient Temp: 20.9; Tissue Temp: 20.8

Right Touch, LTE Band 4 Ch. 20175, Ant. Internal, Standard Battery

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

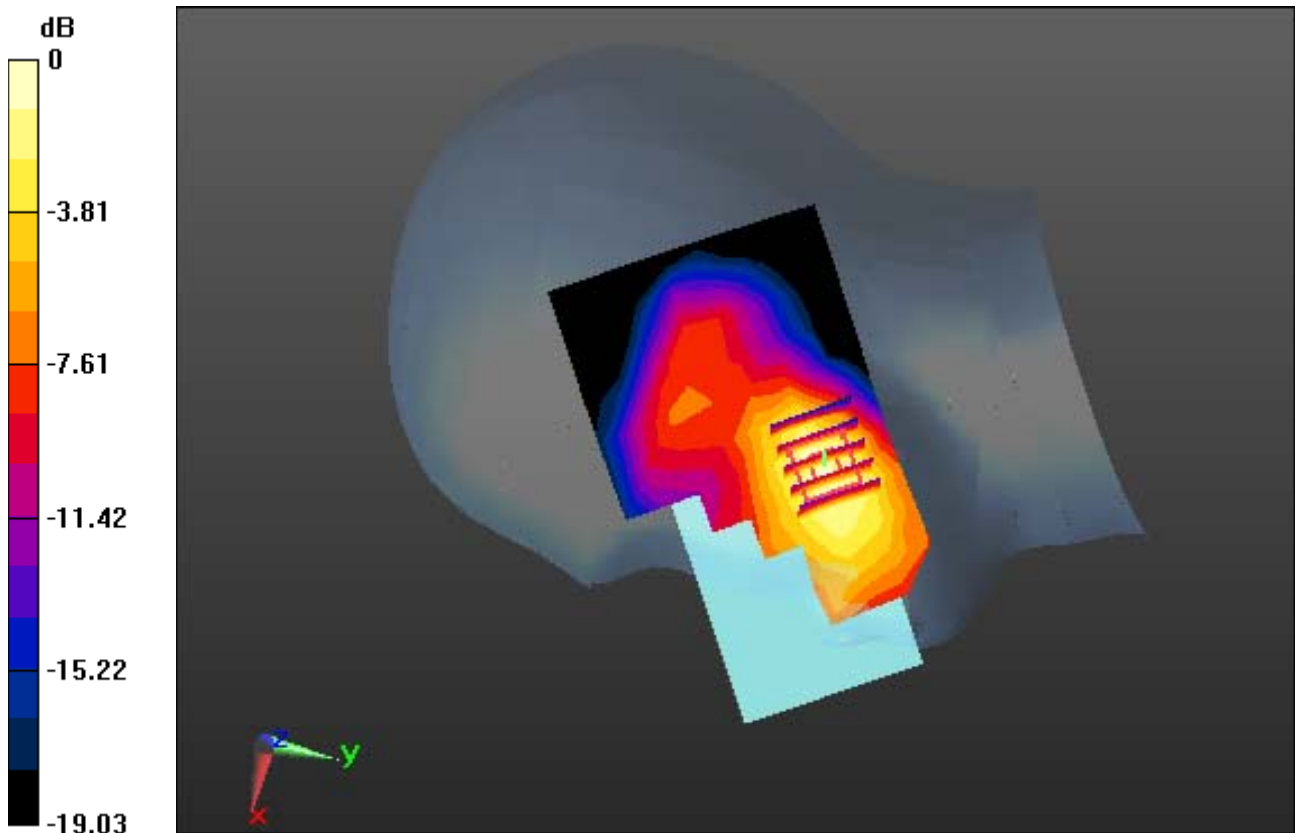
Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.104 W/kg

SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.039 W/kg



0 dB = 0.0861 W/kg

DT&C Co., Ltd.

DUT: EB1146; Type: Bar;

Communication System: UID 0, LTE Band 2(FCC) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.376 \text{ S/m}$; $\epsilon_r = 39.858$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(8.24, 8.24, 8.24) @ 1880 MHz; Calibrated: 3/30/2022 Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right_2013_09_24 Type: QD000P40CD; Serial: TP:1783

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-11-01; Ambient Temp: 20.7; Tissue Temp: 20.9

Right Touch, LTE Band 2 Ch. 18900, Ant. Internal, Standard Battery

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

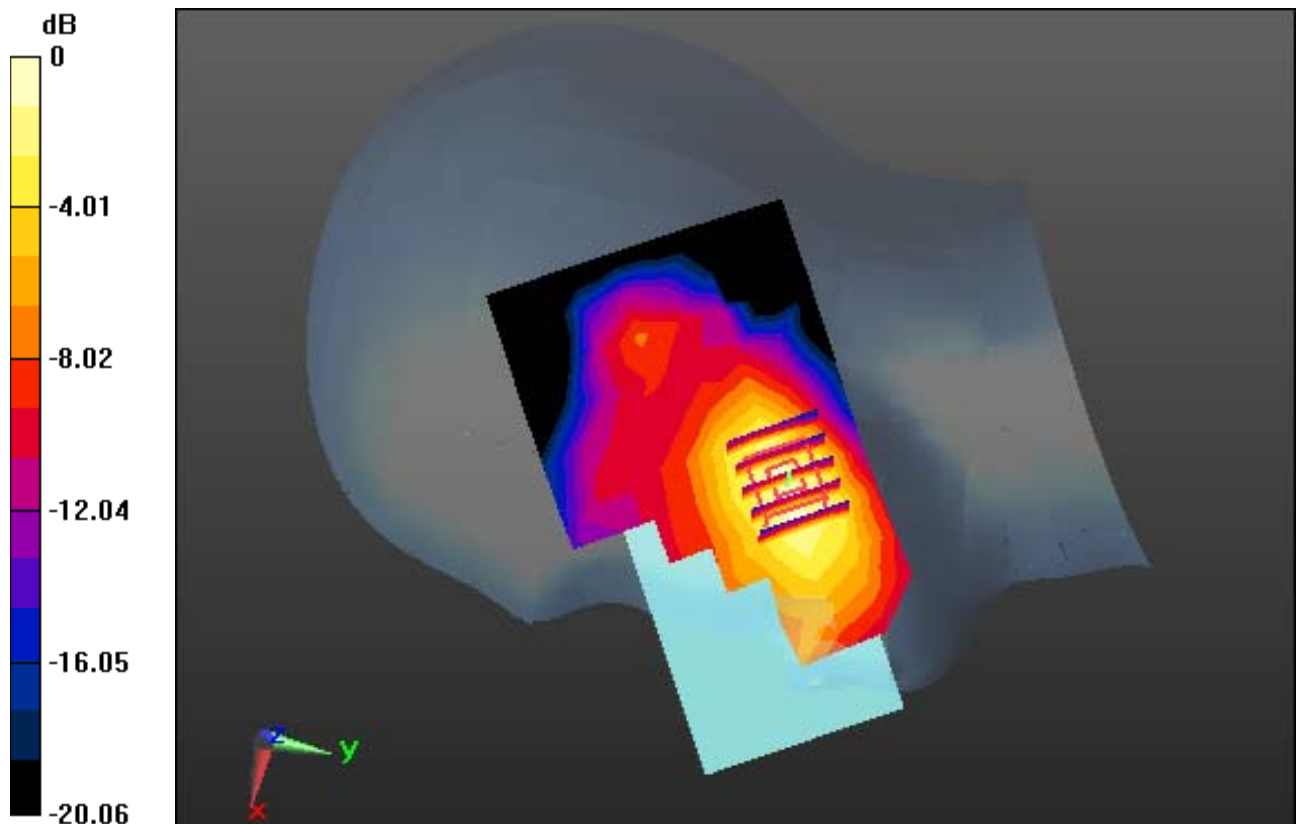
Area Scan (7x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.104 W/kg

SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.050 W/kg



0 dB = 0.114 W/kg

DT&C Co., Ltd.

DUT: EB1146; Type: Bar

Communication System: UID 0, 1. W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.836 \text{ S/m}$; $\epsilon_r = 37.926$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.33, 7.33, 7.33); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-10.31; Ambient Temp: 21.5; Tissue Temp: 21.4

Right Touch, WLAN(802.11b) Ch. 6, Ant Internal, Standard Battery

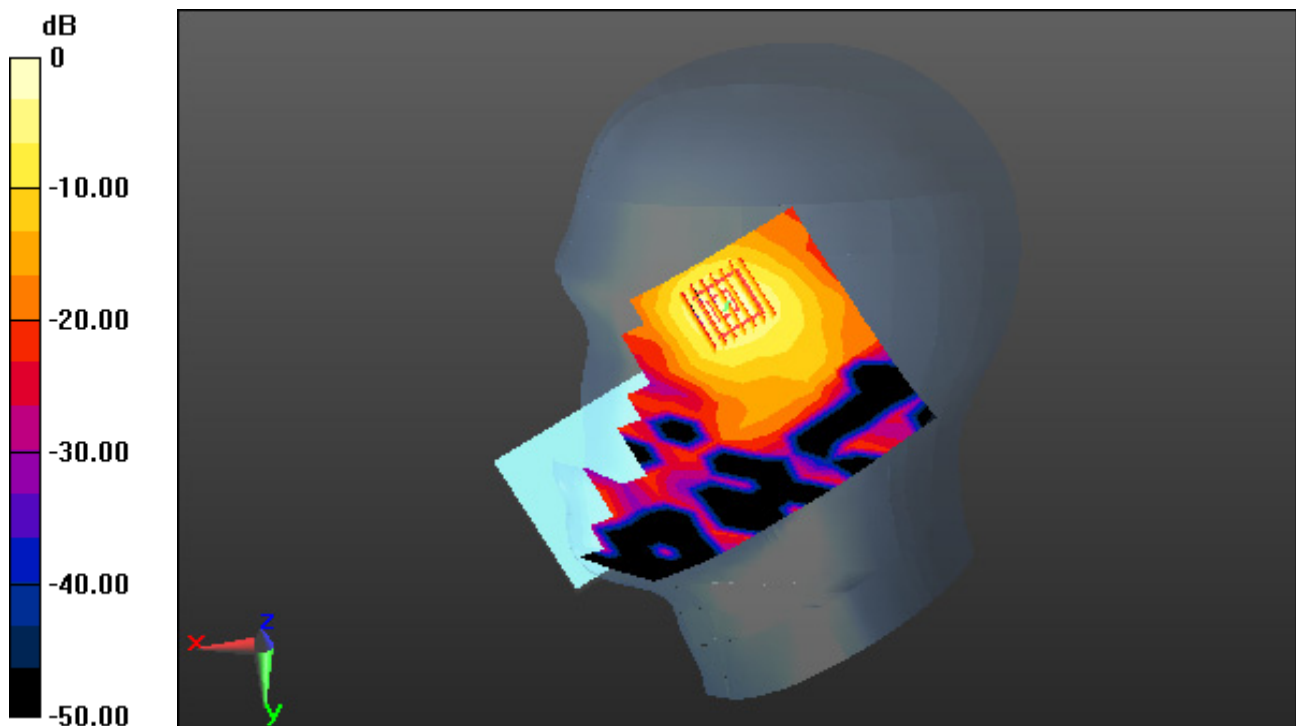
Area Scan (11x16x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.651 W/kg

SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.124 W/kg



0 dB = 0.453 W/kg

DT&C Co., Ltd.

DUT: EB1146; Type: Bar

Communication System: UID 0, 00_W-LAN 5G (0); Frequency: 5290 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5290$ MHz; $\sigma = 4.724$ S/m; $\epsilon_r = 35.039$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(5.09, 5.09, 5.09); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-10-27; Ambient Temp: 20.3; Tissue Temp: 20.2

Right Touch, WLAN(802.11ac VHT 80) Ch. 58, Ant Internal, Standard Battery

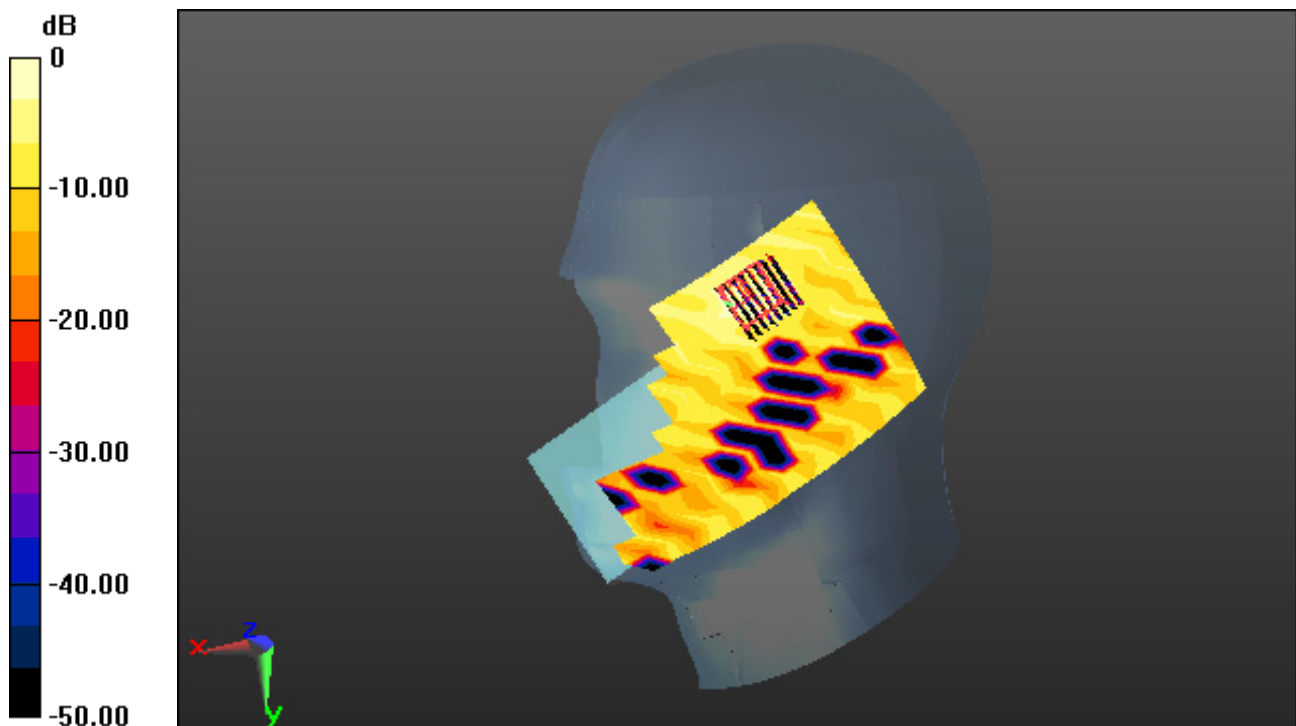
Area Scan (12x20x1): Measurement grid: dx=10mm, dy=10mm

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) = 0.238 W/kg

SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.00633 W/kg



DT&C Co., Ltd.

DUT: EB1146; Type: Bar

Communication System: UID 0, 00_W-LAN 5G (0); Frequency: 5610 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5610$ MHz; $\sigma = 5.198$ S/m; $\epsilon_r = 35.336$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.46, 4.46, 4.46); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-10-28; Ambient Temp: 20.2; Tissue Temp: 20.1

Left Touch, WLAN(802.11ac VHT 80) Ch. 122, Ant Internal, Standard Battery

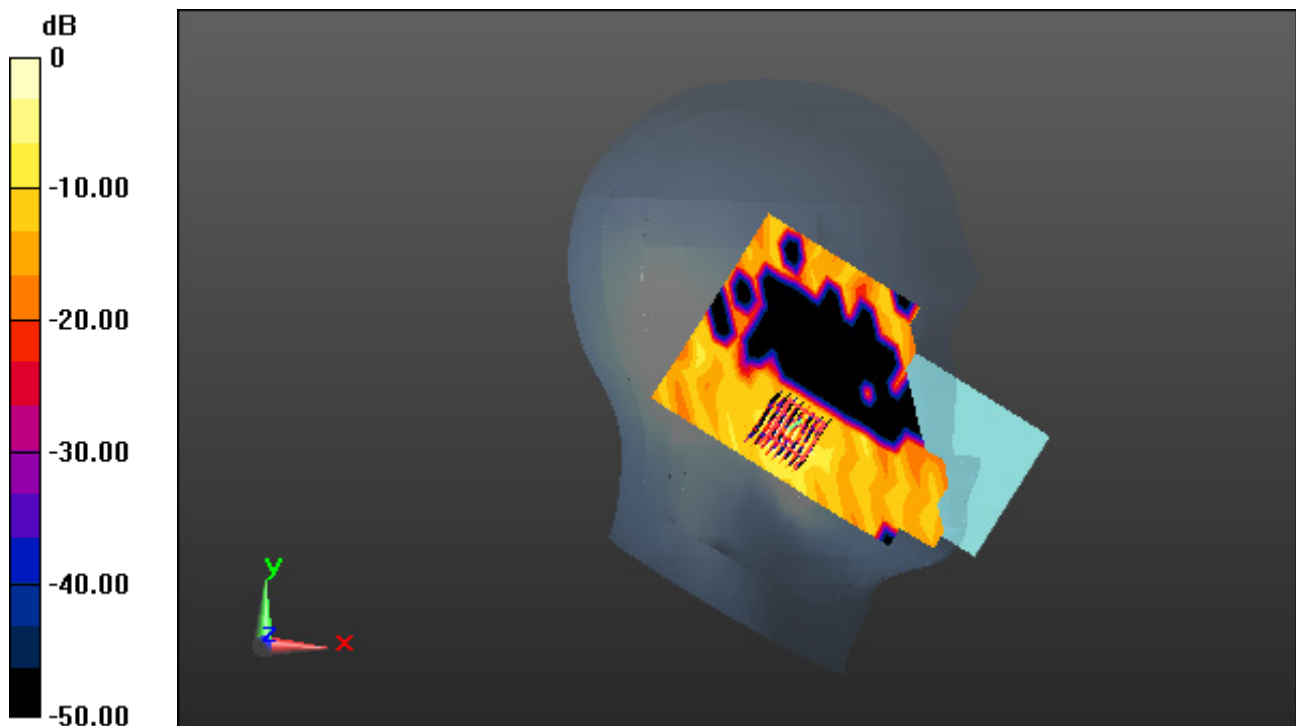
Area Scan (12x20x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.331 W/kg

SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.020 W/kg



0 dB = 0.197 W/kg

DT&C Co., Ltd.

DUT: EB1146; Type: Bar

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

Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.84 \text{ S/m}$; $\epsilon_r = 37.912$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.33, 7.33, 7.33); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-10-31; Ambient Temp: 21.5; Tissue Temp: 21.4

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

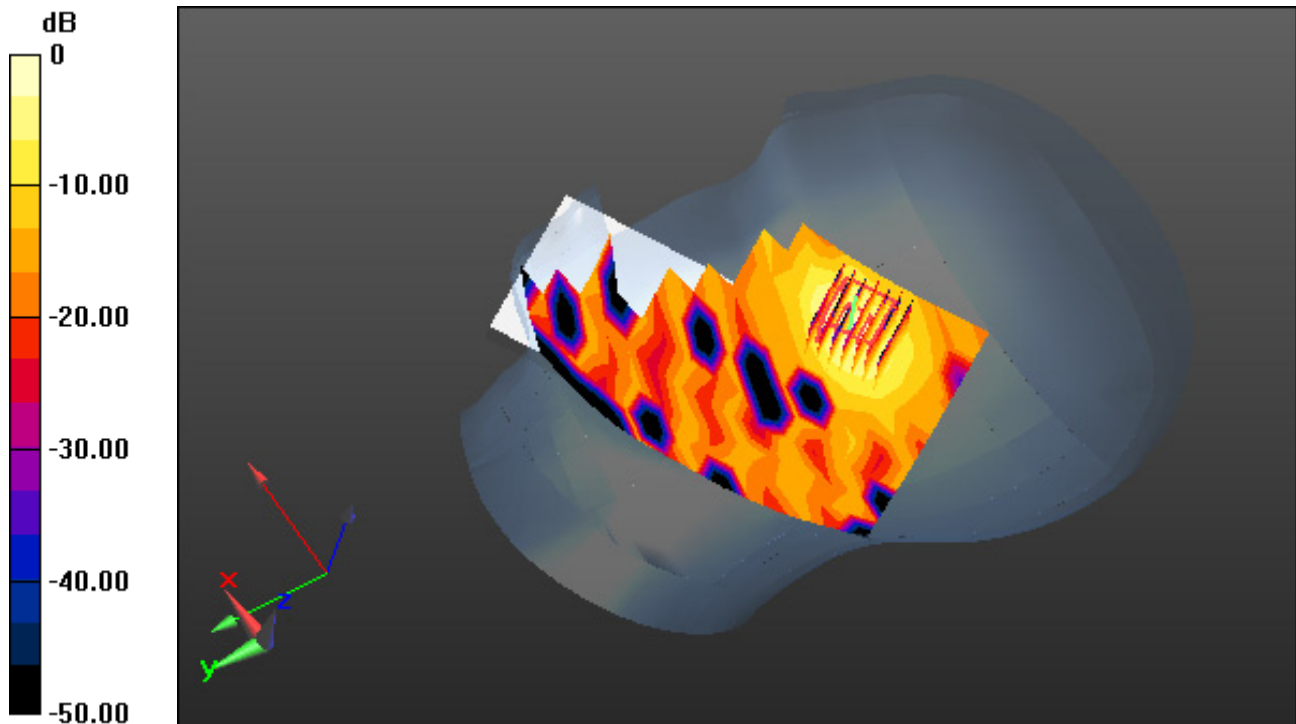
Area Scan (11x16x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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) = 0.125 W/kg

SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.021 W/kg



0 dB = 0.0886 W/kg

DT&C Co., Ltd.

DUT: EB1146; Type: Bar

Communication System: UID 0, GSM850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 42.665$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.42, 10.42, 10.42) @ 836.6 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-10-24; Ambient Temp: 22.1; Tissue Temp: 22.5

1 cm space from body, Rear, GSM850 Ch. 190, Ant Internal

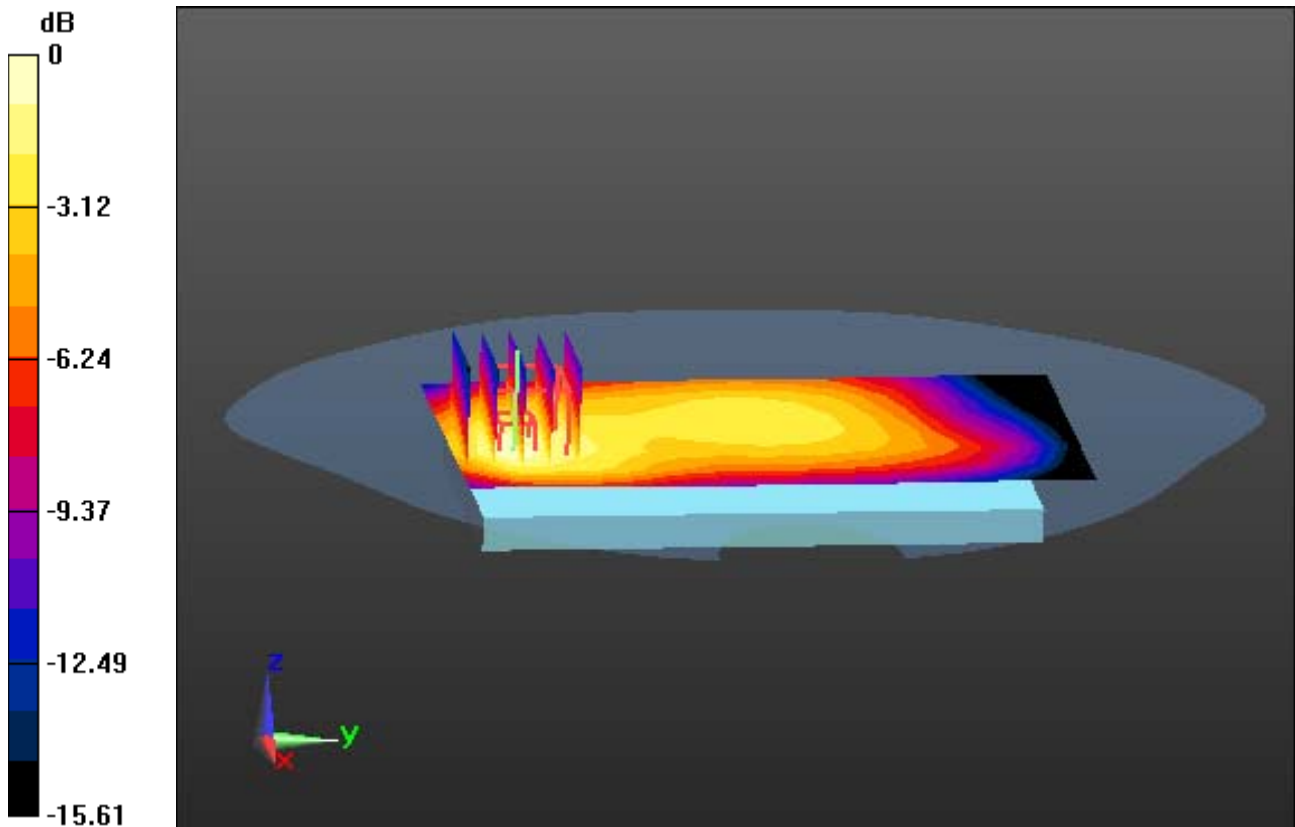
Area Scan (7x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.500 W/kg

SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.177 W/kg



0 dB = 0.385 W/kg

DT&C Co., Ltd.

DUT: EB1146; Type: Bar

Communication System: UID 0, GSM 850_4Tx (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 42.665$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.42, 10.42, 10.42) @ 836.6 MHz; Calibrated: 9/27/2022 Electronics: DAE4
Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-10-24; Ambient Temp: 22.1; Tissue Temp: 22.5

1 cm space from body, Rear, GSM850 GPRS 4 Tx Ch. 190, Ant Internal

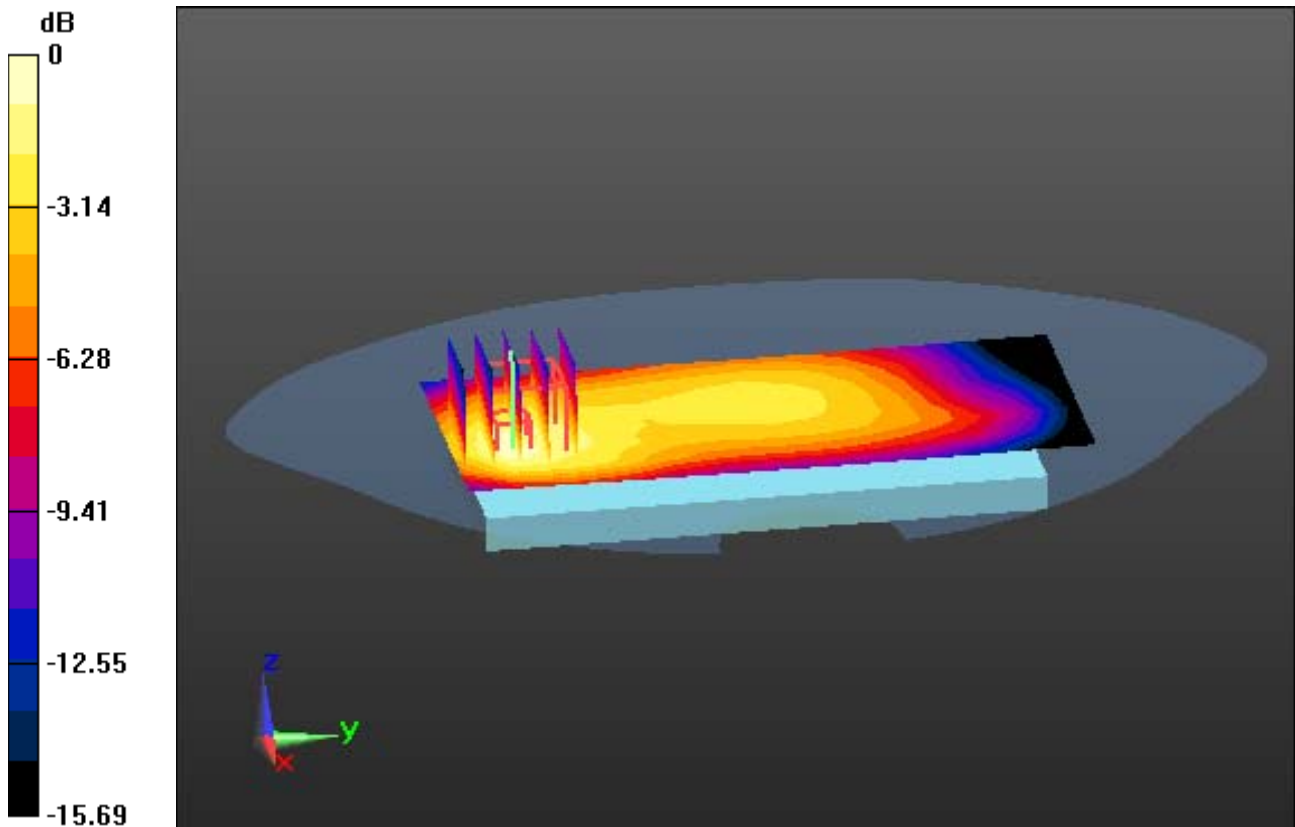
Area Scan (7x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.555 W/kg

SAR(1 g) = 0.317 W/kg; SAR(10 g) = 0.196 W/kg



0 dB = 0.428 W/kg

DT&C Co., Ltd.

DUT: EB1146; Type: Bar

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.376 \text{ S/m}$; $\epsilon_r = 39.858$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(8.24, 8.24, 8.24) @ 1880 MHz; Calibrated: 3/30/2022 Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-11-01; Ambient Temp: 20.7; Tissue Temp: 20.9

1 cm space from body, Rear, PCS1900 Ch. 661, Ant Internal

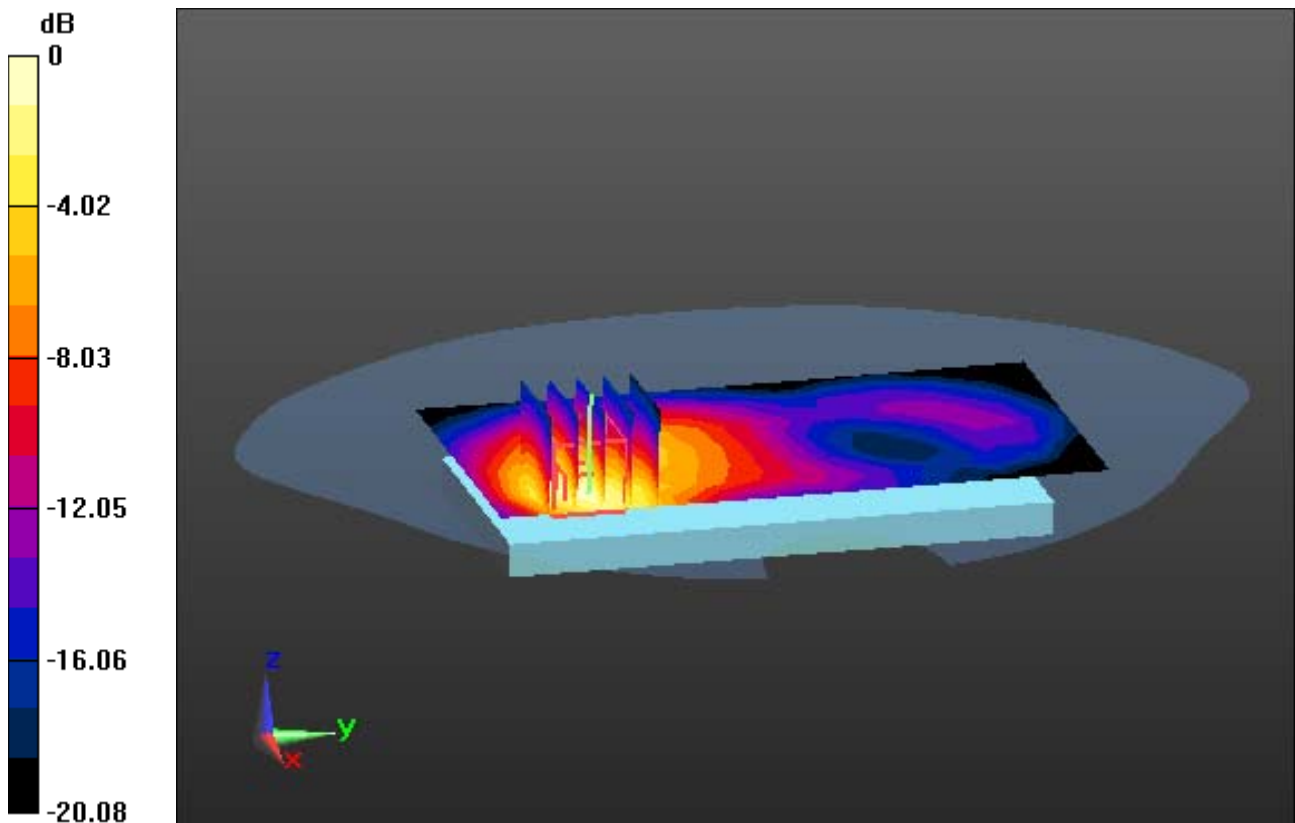
Area Scan (7x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.653 W/kg

SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.175 W/kg



0 dB = 0.464 W/kg

DT&C Co., Ltd.

DUT: EB1146; Type: Bar

Communication System: UID 0, PCS1900_4Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.376 \text{ S/m}$; $\epsilon_r = 39.858$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(8.24, 8.24, 8.24) @ 1880 MHz; Calibrated: 3/30/2022 Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-11-01; Ambient Temp: 20.7; Tissue Temp: 20.9

1 cm space from body, Rear, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal

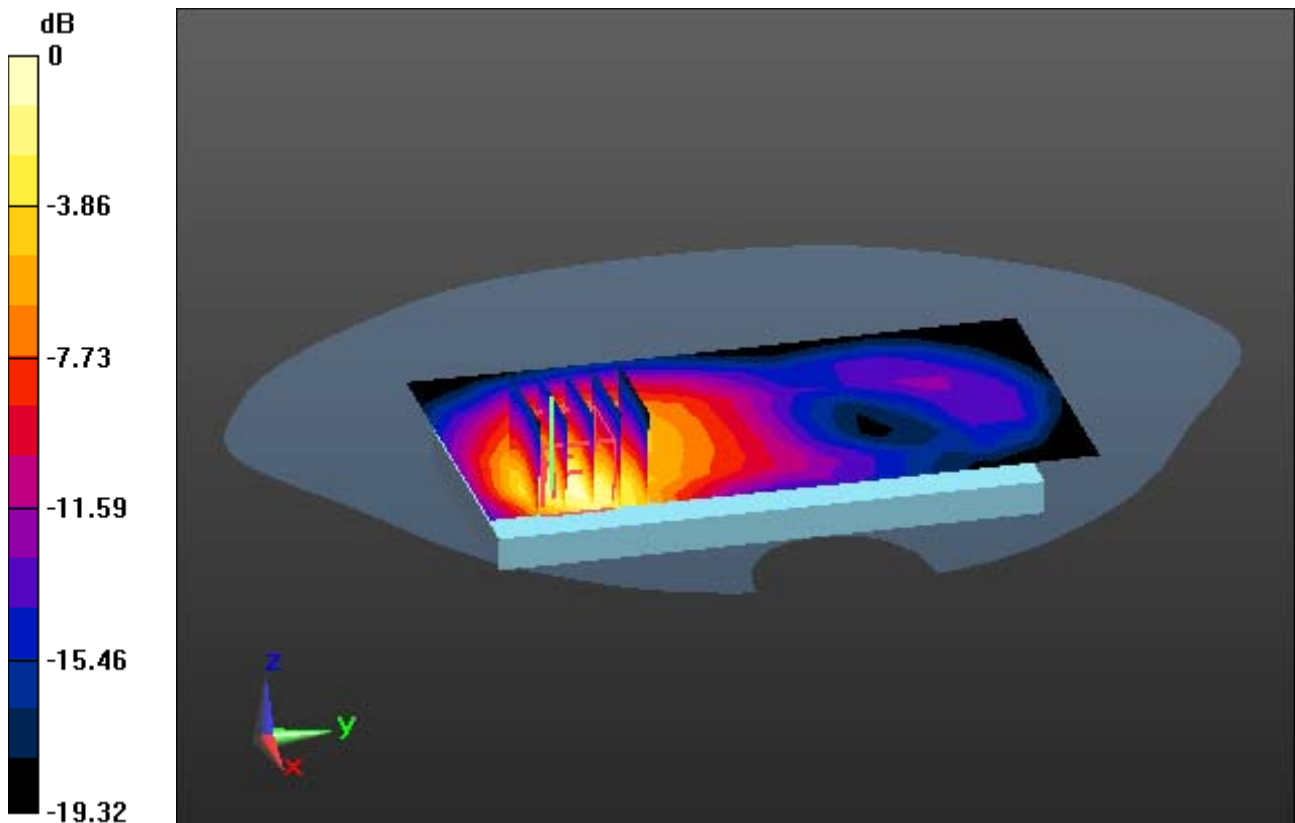
Area Scan (7x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.675 W/kg

SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.180 W/kg



0 dB = 0.479 W/kg

DT&C Co., Ltd.

DUT: EB1146; Type: Bar

Communication System: UID 0, WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 42.665$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.42, 10.42, 10.42) @ 836.6 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-10-24; Ambient Temp: 22.1; Tissue Temp: 22.5

1 cm space from Body, Rear, WCDMA Band 5 Ch. 4183, Ant. Internal

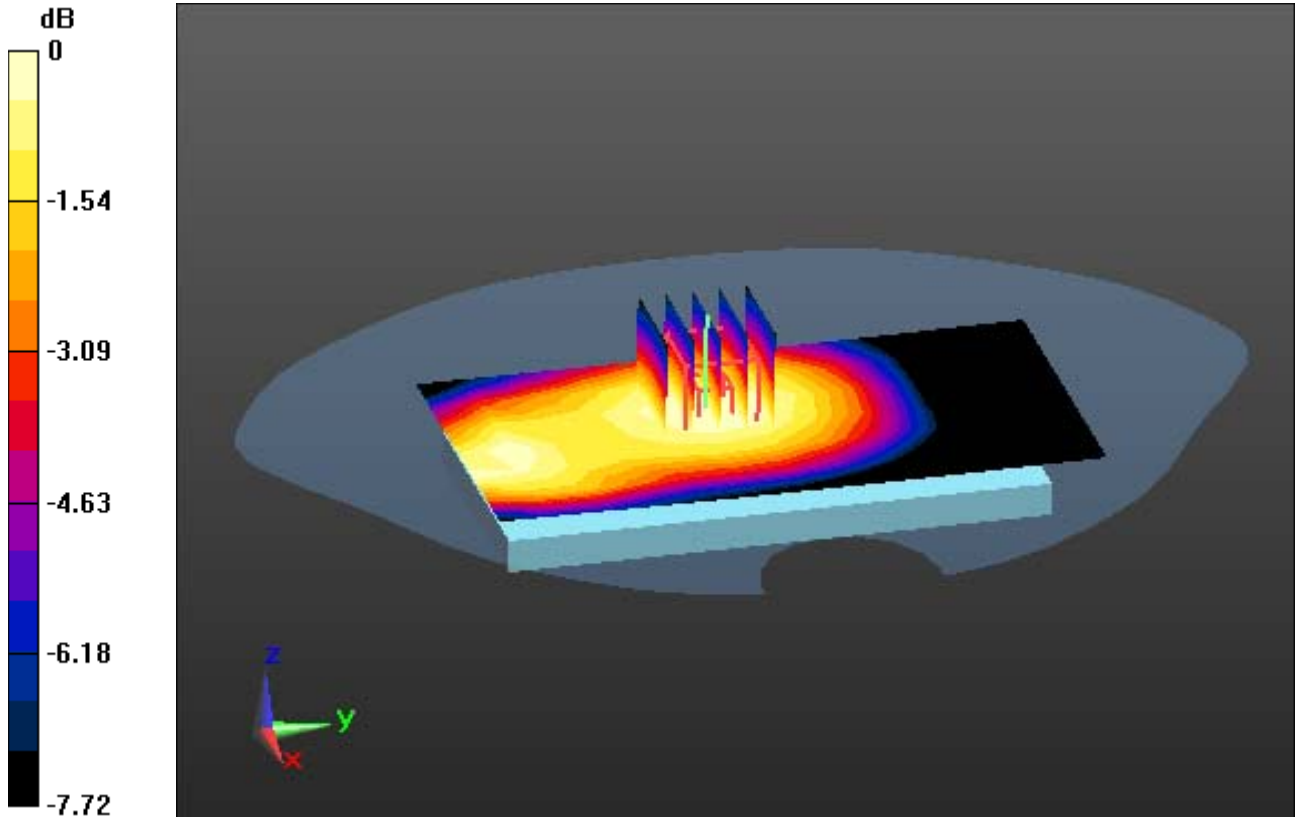
Area Scan (7x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.278 W/kg

SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.193 W/kg



0 dB = 0.254 W/kg

DT&C Co., Ltd.

DUT: EB1146; Type: Bar

Communication System: UID 0, WCDMA 1700 (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.4$ MHz; $\sigma = 1.343$ S/m; $\epsilon_r = 39.659$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(8.53, 8.53, 8.53) @ 1732.4 MHz; Calibrated: 3/30/2022 Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-11-02; Ambient Temp: 20.9; Tissue Temp: 20.8

1 cm space from Body, Rear, WCDMA Band 4 Ch. 1412, Ant. Internal

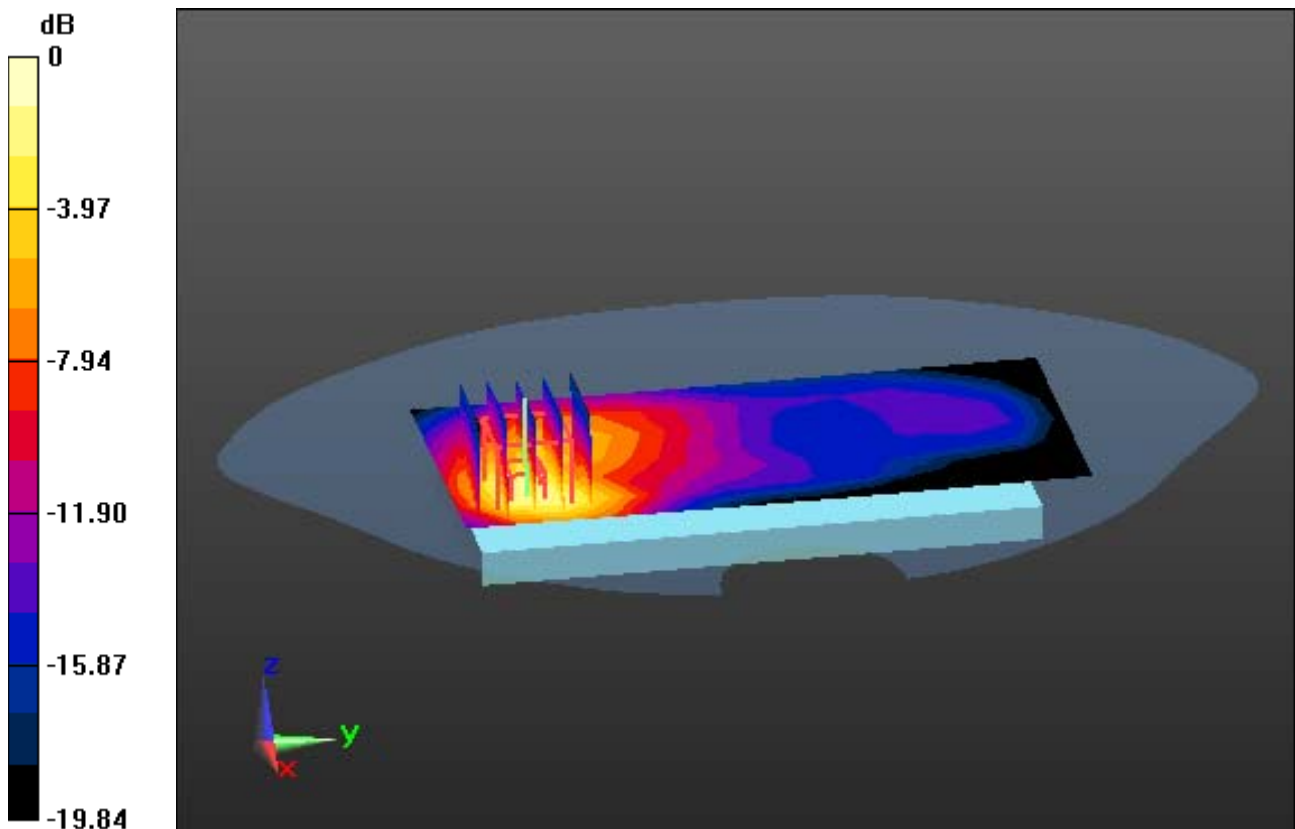
Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.657 W/kg; SAR(10 g) = 0.336 W/kg



DT&C Co., Ltd.

DUT: EB1146; Type: Bar

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.376 \text{ S/m}$; $\epsilon_r = 39.858$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(8.24, 8.24, 8.24) @ 1880 MHz; Calibrated: 3/30/2022 Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-11-01; Ambient Temp: 20.7; Tissue Temp: 20.9

1 cm space from Body, Rear, WCDMA Band 2 Ch. 9400, Ant. Internal

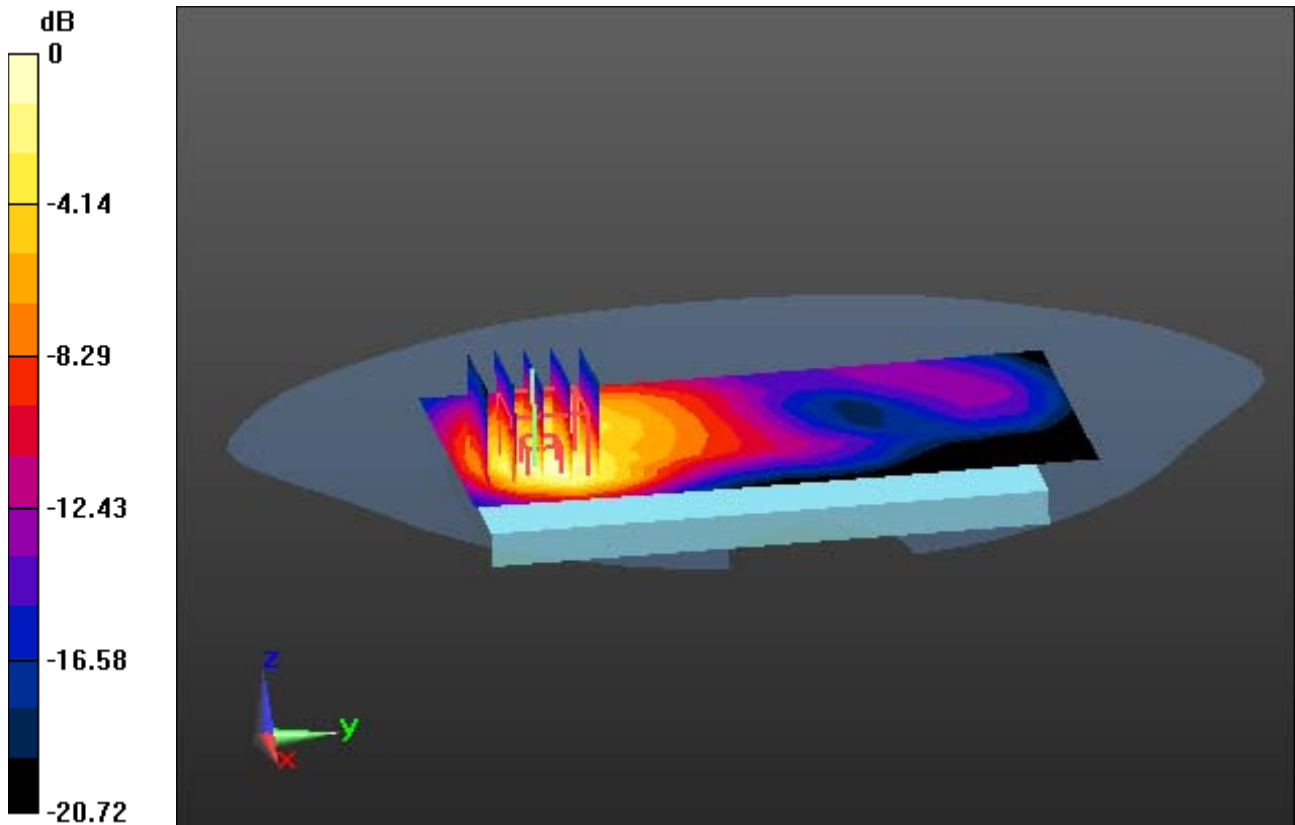
Area Scan (7x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.664 W/kg; SAR(10 g) = 0.335 W/kg



0 dB = 0.969 W/kg

DT&C Co., Ltd.

DUT: EB1146; Type: Bar;

Communication System: UID 0, LTE Band 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.864 \text{ S/m}$; $\epsilon_r = 42.199$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.75, 10.75, 10.75) @ 707.5 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-10-25; Ambient Temp: 21.5; Tissue Temp: 21.9

1 cm space from Body, Rear, LTE Band 12 Ch. 23095, Ant. Internal

Mode : BandWidth 10 MHz, QPSK, RB Size: 1

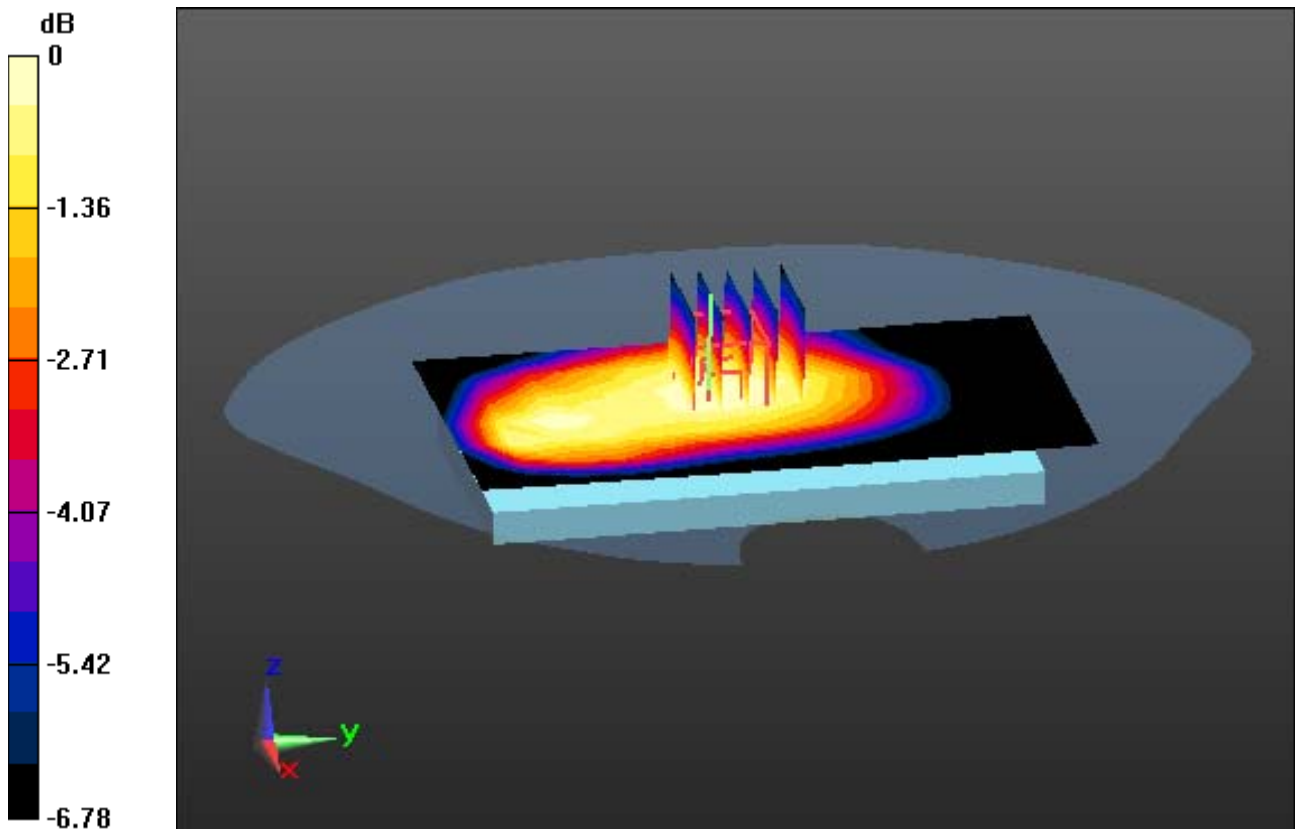
Area Scan (7x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.0460 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.030 W/kg



0 dB = 0.0423 W/kg

DT&C Co., Ltd.

DUT: EB1146; Type: Bar

Communication System: UID 0, LTE Band 5 (CE) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 42.669$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.42, 10.42, 10.42) @ 836.5 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-10-24; Ambient Temp: 22.1; Tissue Temp: 22.5

1 cm space from Body, Rear, LTE Band 5 Ch. 20525, Ant. Internal

Mode : BandWidth 10 MHz, QPSK, RB Size: 1

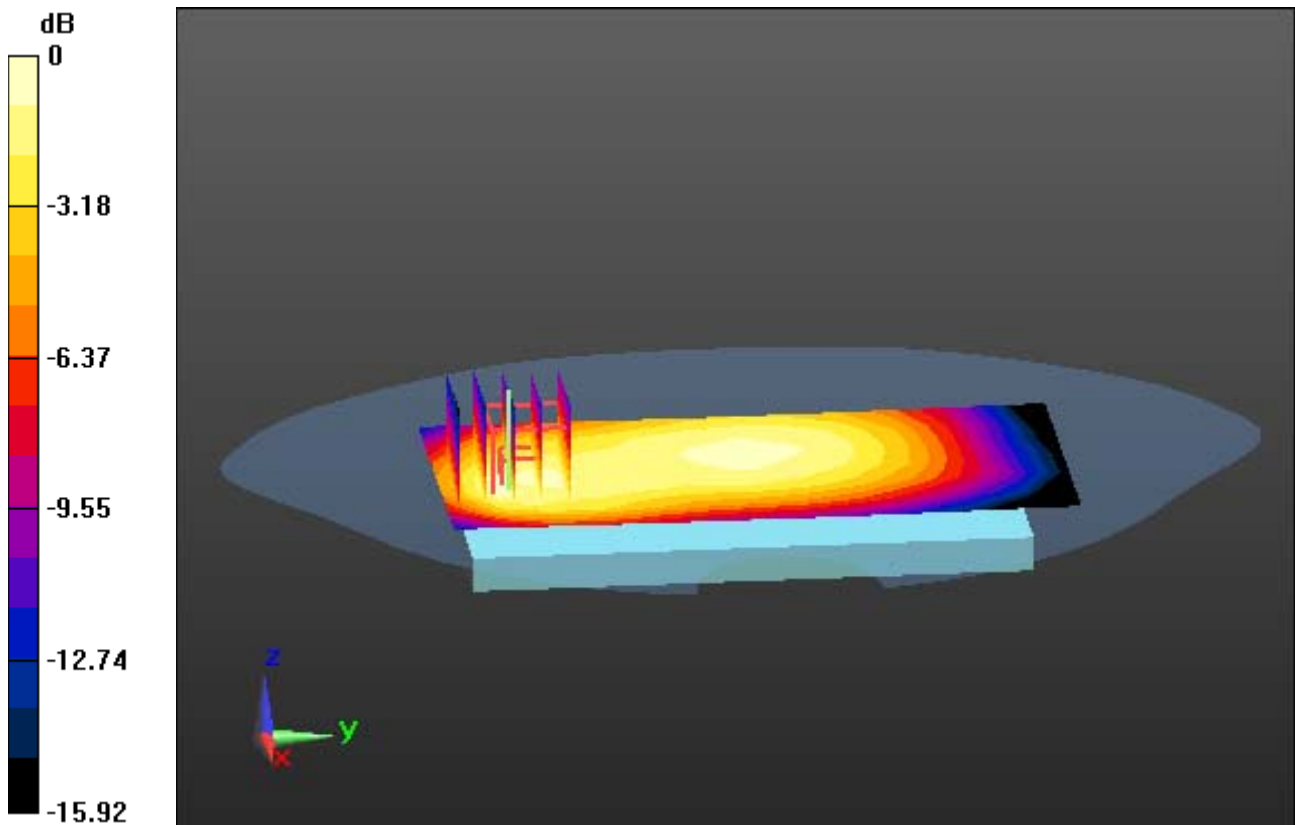
Area Scan (7x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.345 W/kg

SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.123 W/kg



0 dB = 0.264 W/kg

DT&C Co., Ltd.

DUT: EB1146; Type: Bar

Communication System: UID 0, LTE Band 4(FCC) (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.333$ S/m; $\epsilon_r = 39.743$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(8.53, 8.53, 8.53) @ 1720 MHz; Calibrated: 3/30/2022 Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-11-02; Ambient Temp: 20.9; Tissue Temp: 20.8

1 cm space from Body, Rear, LTE Band 4 Ch. 20175, Ant. Internal

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

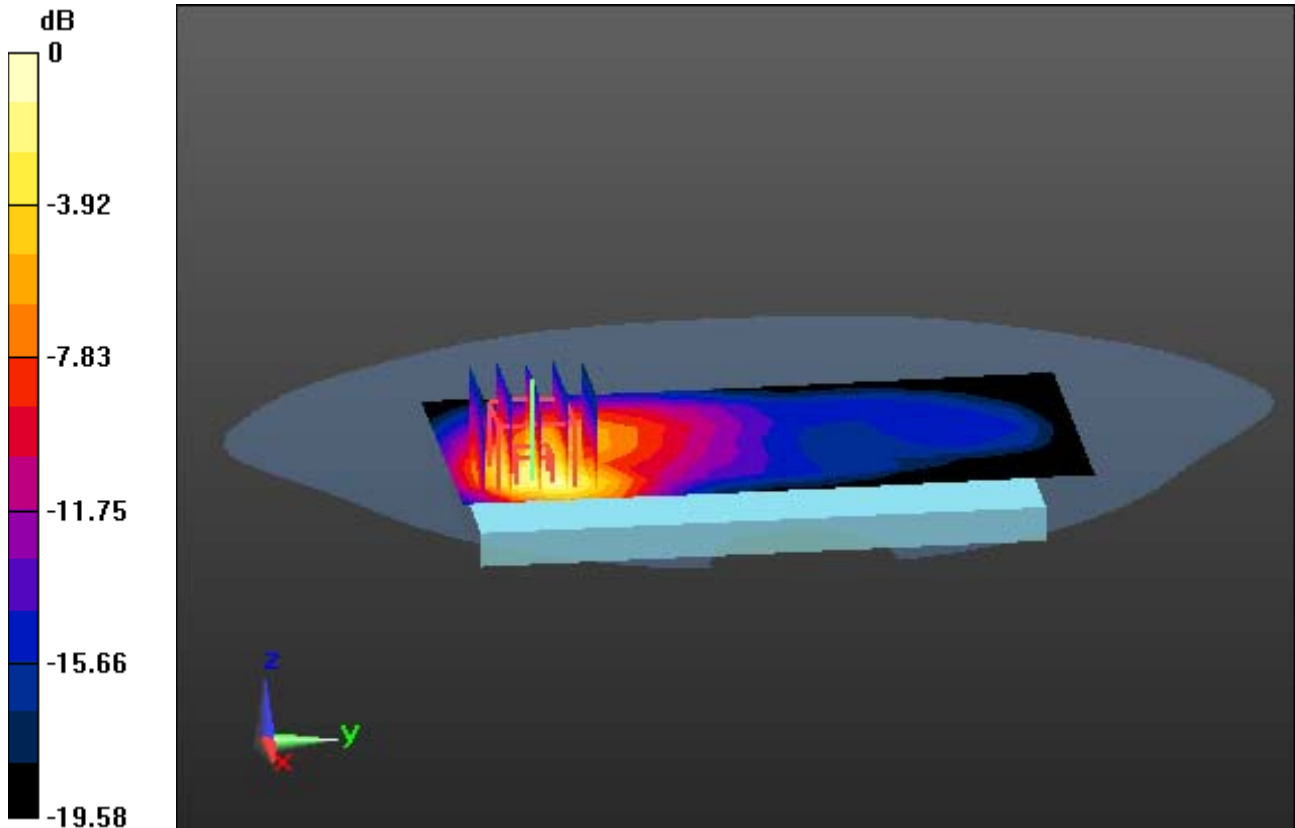
Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.810 W/kg; SAR(10 g) = 0.408 W/kg



0 dB = 1.08 W/kg

DT&C Co., Ltd.

DUT: EB1146; Type: Bar

Communication System: UID 0, LTE Band 2(FCC) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 39.858$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(8.24, 8.24, 8.24) @ 1880 MHz; Calibrated: 3/30/2022 Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-11-01; Ambient Temp: 20.7; Tissue Temp: 20.9

1 cm space from Body, Rear, LTE Band 2 Ch. 18900, Ant. Internal

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

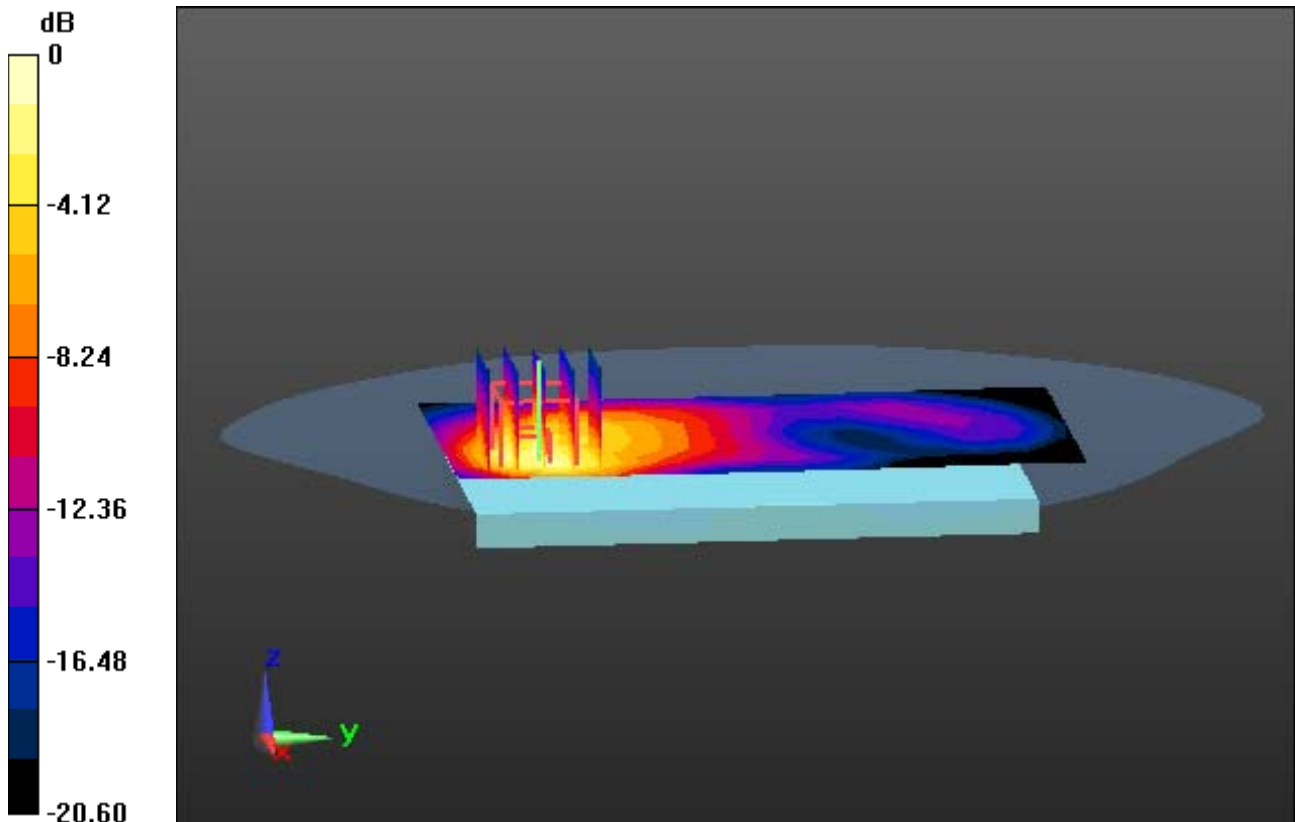
Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.738 W/kg; SAR(10 g) = 0.373 W/kg



0 dB = 1.06 W/kg

DT&C Co., Ltd.

DUT: EB1146; Type: Bar

Communication System: UID 0, 1. W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.836 \text{ S/m}$; $\epsilon_r = 37.926$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.33, 7.33, 7.33); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-10-31; Ambient Temp: 21.5; Tissue Temp: 21.4

1 cm from Body, Rear, W-LAN(802.11b) Ch. 6, Ant Internal

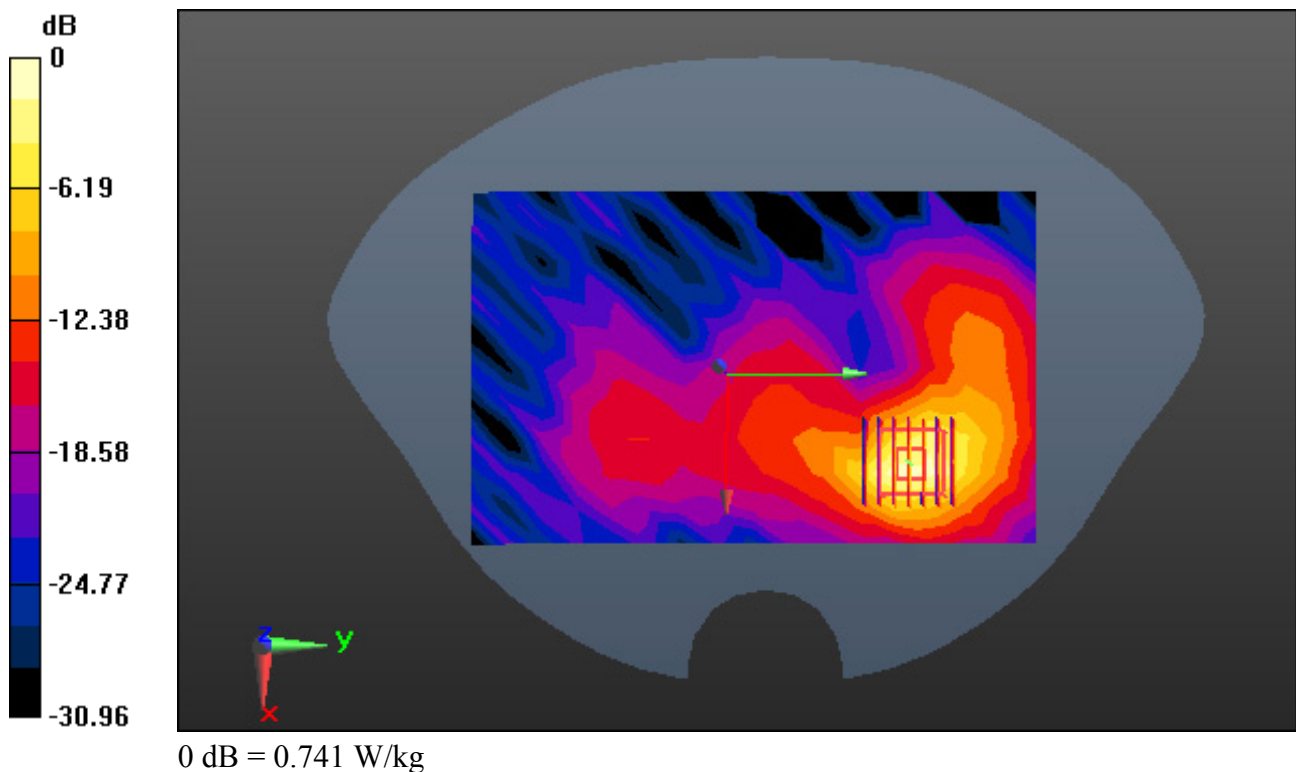
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.464 W/kg; SAR(10 g) = 0.196 W/kg



DT&C Co., Ltd.

DUT: EB1146; Type: Bar

Communication System: UID 0, 00_W-LAN 5G (0); Frequency: 5290 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5290 \text{ MHz}$; $\sigma = 4.724 \text{ S/m}$; $\epsilon_r = 35.039$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(5.09, 5.09, 5.09); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-10-27; Ambient Temp: 20.3; Tissue Temp: 20.2

1 cm from Body, Rear, W-LAN(802.11ac VHT 80) Ch. 58, Ant Internal

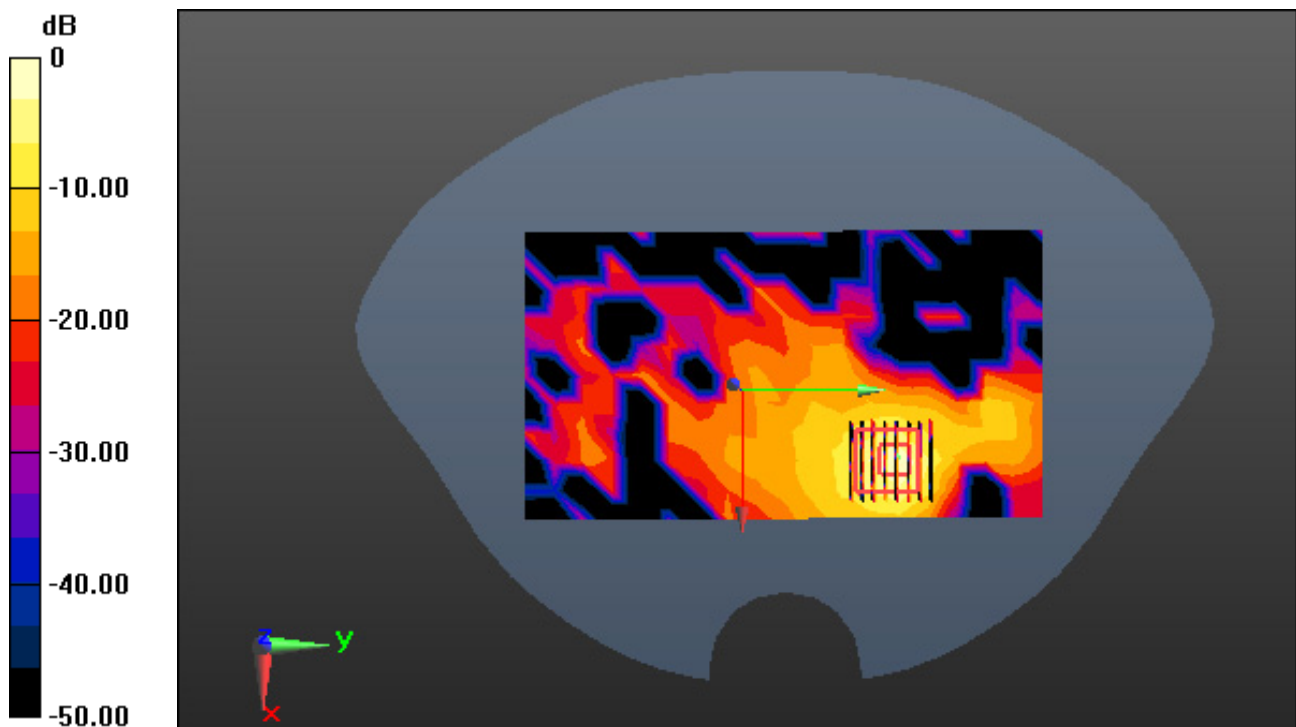
Area Scan (11x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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) = 0.370 W/kg

SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.025 W/kg



DT&C Co., Ltd.

DUT: EB1146; Type: Bar

Communication System: UID 0, 00_W-LAN 5G (0); Frequency: 5610 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5610 \text{ MHz}$; $\sigma = 5.198 \text{ S/m}$; $\epsilon_r = 35.336$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.46, 4.46, 4.46); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-10-28; Ambient Temp: 20.2; Tissue Temp: 20.1

1 cm from Body, Rear, W-LAN(802.11ac VHT 80) Ch. 122, Ant Internal

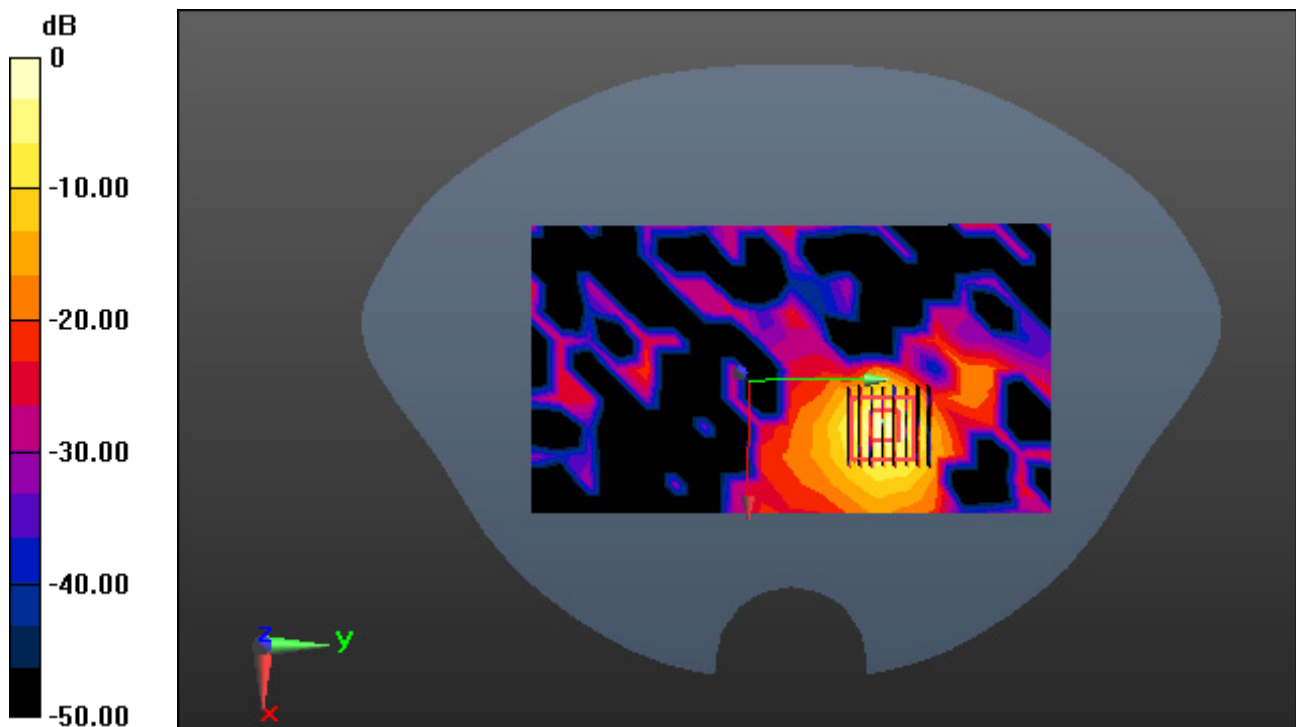
Area Scan (11x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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 = -0.00 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.084 W/kg



0 dB = 0.791 W/kg

DT&C Co., Ltd.

DUT: EB1146; Type: Bar

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

Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.84 \text{ S/m}$; $\epsilon_r = 37.912$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.33, 7.33, 7.33); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-10-31; Ambient Temp: 21.5; Tissue Temp: 21.4

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

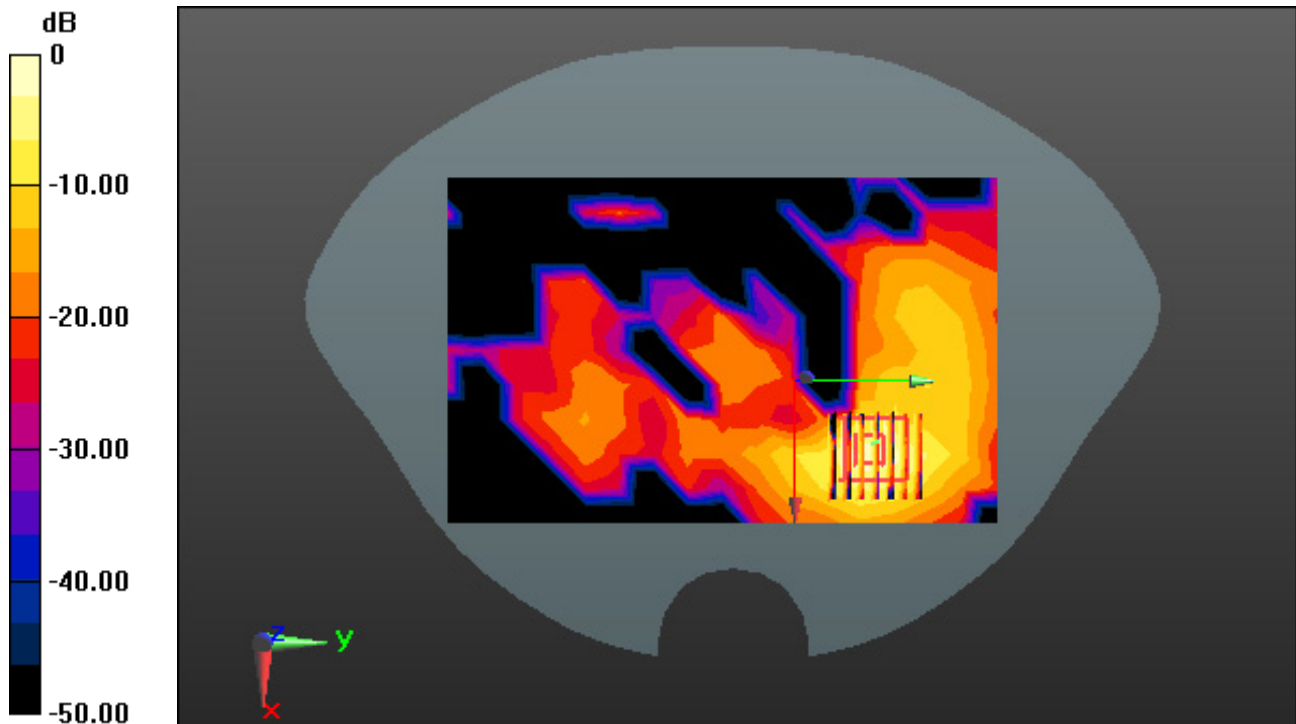
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.125 W/kg

SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.024 W/kg



0 dB = 0.0882 W/kg

DT&C Co., Ltd.

DUT: EB1146; Type: Bar

Communication System: UID 0, GSM 850_4Tx (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 42.665$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.42, 10.42, 10.42) @ 836.6 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-10-24; Ambient Temp: 22.1; Tissue Temp: 22.5

1 cm space from body, Left, GSM850 GPRS 4 Tx Ch. 190, Ant Internal

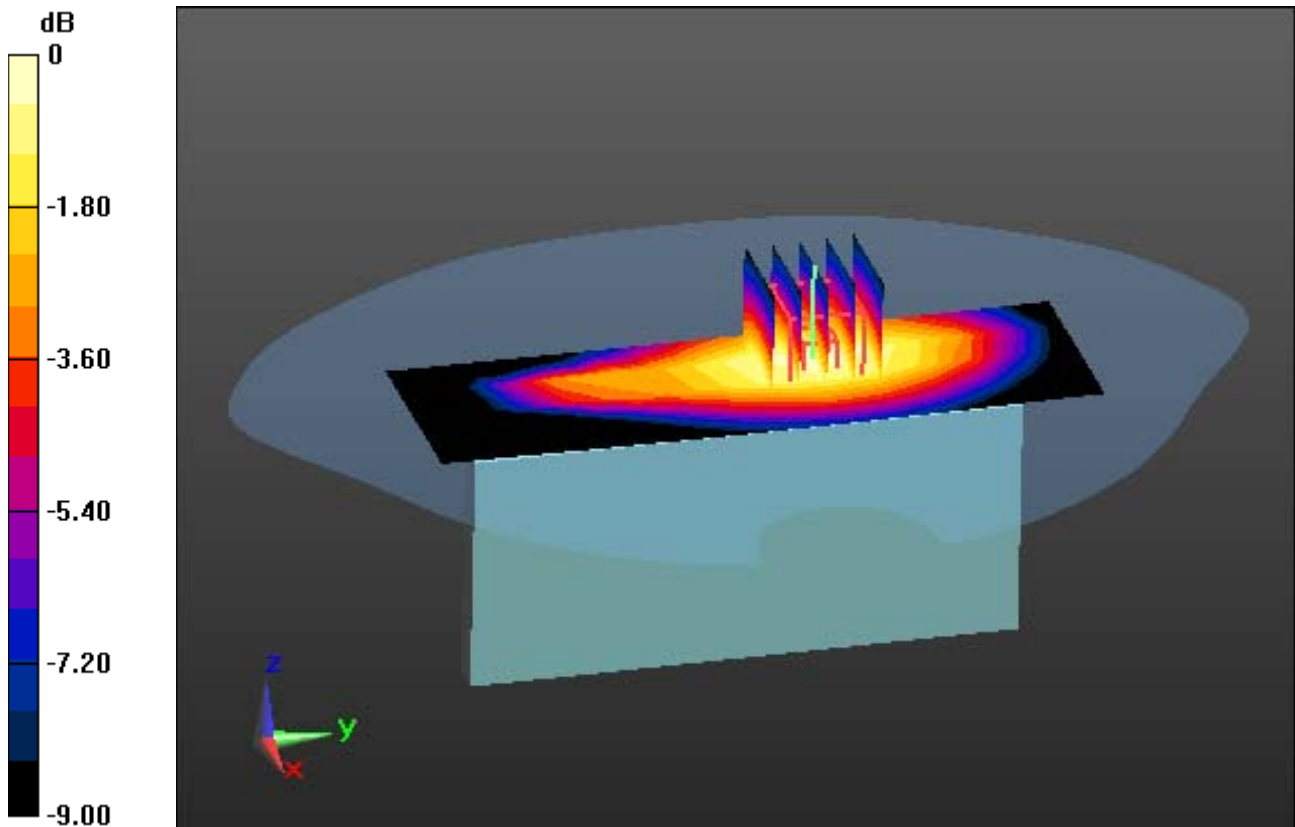
Area Scan (5x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.454 W/kg

SAR(1 g) = 0.326 W/kg; SAR(10 g) = 0.229 W/kg



0 dB = 0.397 W/kg

DT&C Co., Ltd.

DUT: EB1146; Type: Bar;

Communication System: UID 0, LTE Band 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.864$ S/m; $\epsilon_r = 42.199$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.75, 10.75, 10.75) @ 707.5 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-10-25; Ambient Temp: 21.5; Tissue Temp: 21.9

1 cm space from Body, Left, LTE Band 12 Ch. 23095, Ant. Internal

Mode : BandWidth 10 MHz, QPSK, RB Size: 1

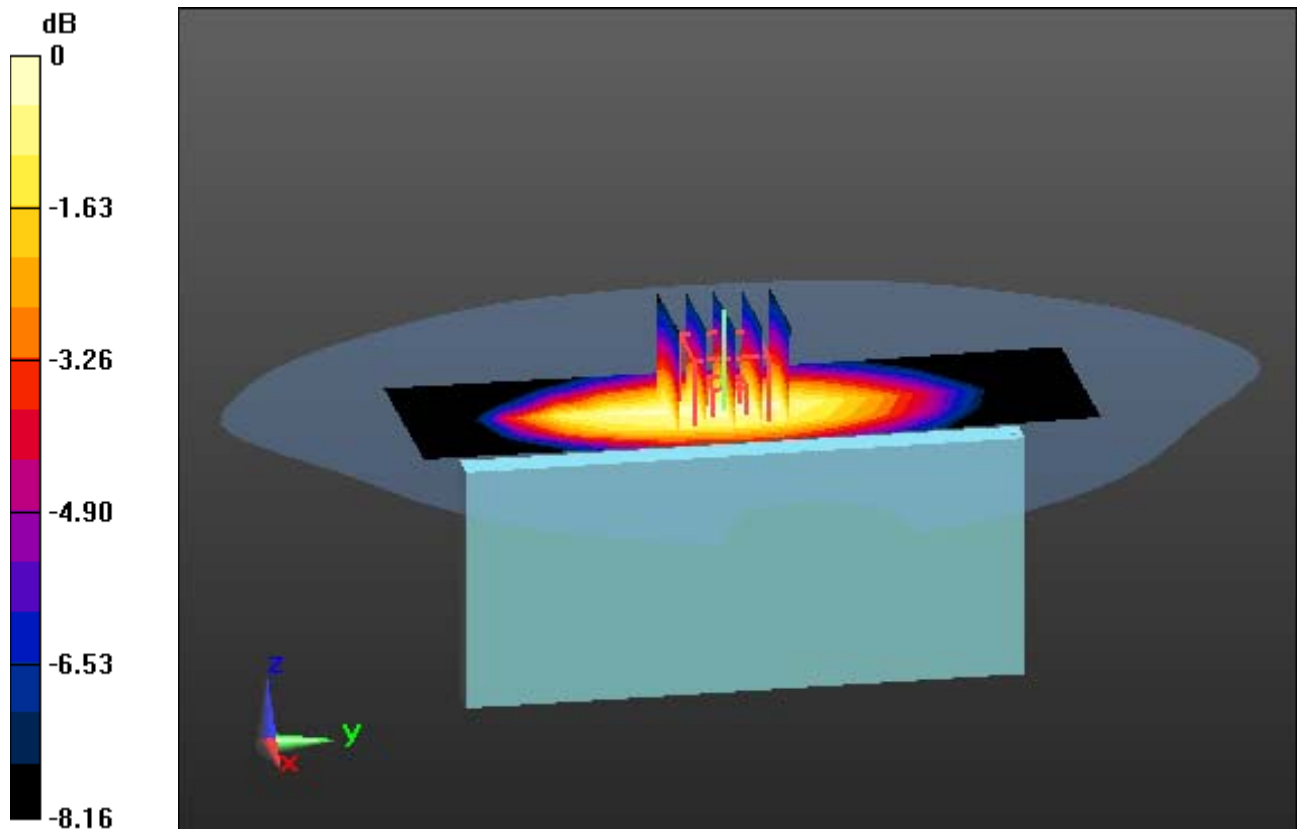
Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.0860 W/kg

SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.046 W/kg



0 dB = 0.0757 W/kg

DT&C Co., Ltd.

DUT: EB1146; Type: Bar

Communication System: UID 0, LTE Band 5 (CE) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 42.669$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.42, 10.42, 10.42) @ 836.5 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-10-24; Ambient Temp: 22.1; Tissue Temp: 22.5

1 cm space from Body, Left, LTE Band 5 Ch. 20525, Ant. Internal

Mode : BandWidth 10 MHz, QPSK, RB Size: 1

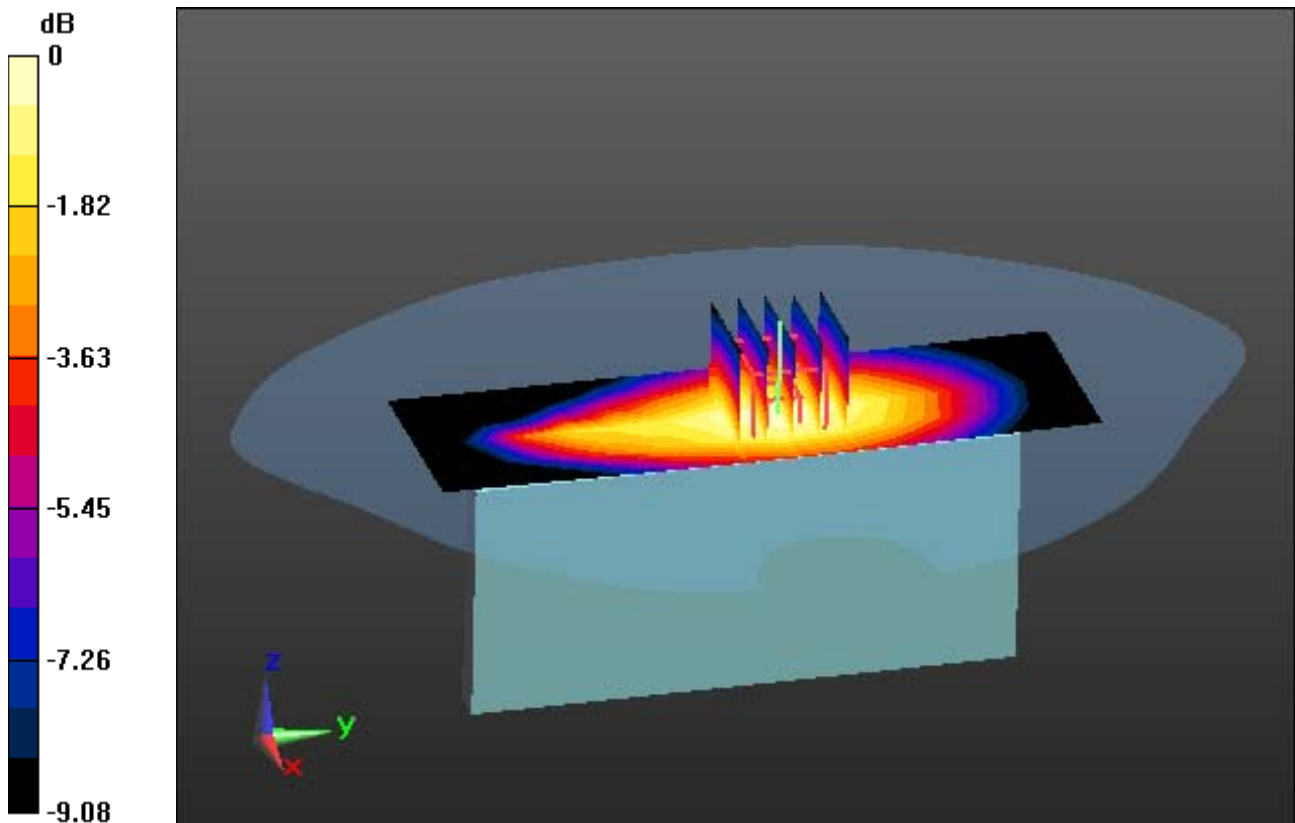
Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.175 W/kg



0 dB = 0.306 W/kg