SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d047

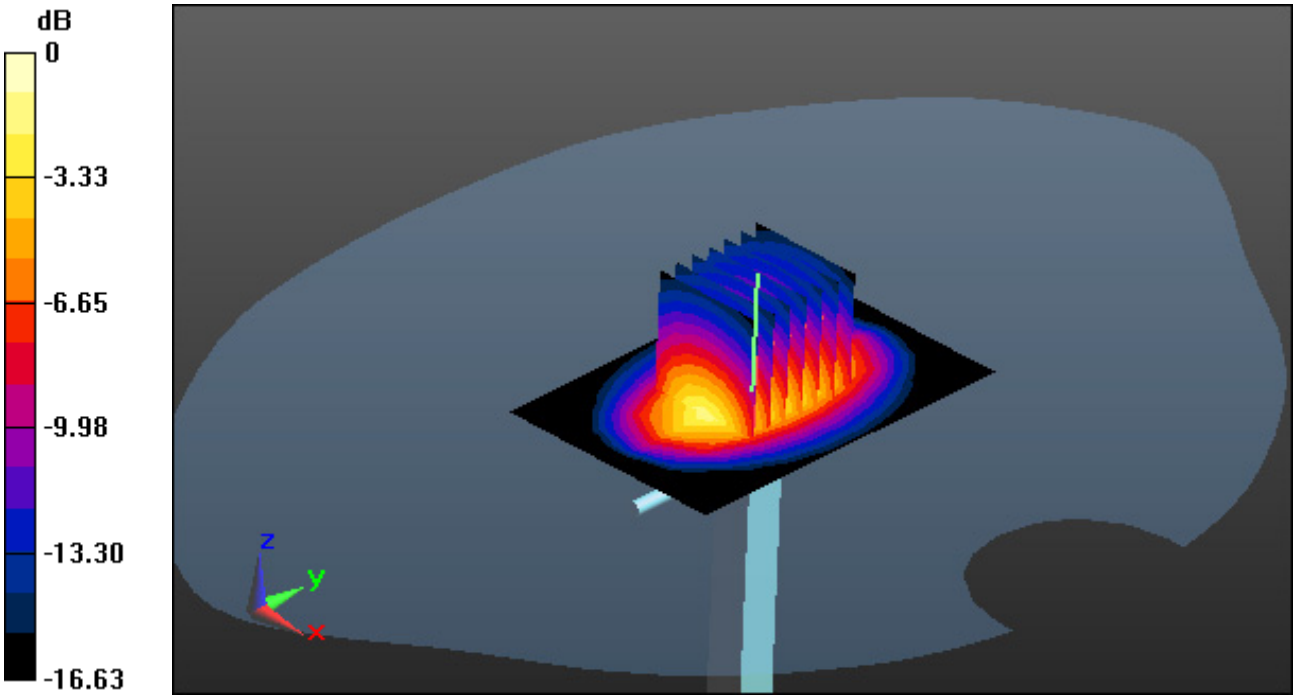
Communication System: UID 0, CW; Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1800 MHz; σ = 1.416 S/m; ε_r = 41.144; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.41, 5.41, 5.41); Calibrated: 1/27/2021 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (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: 2021-09-07; Ambient Temp: 20.7; Tissue Temp: 20.5

1800 MHz System Verification (100 mW)

Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.01 dB
Peak SAR (extrapolated) = 6.61 W/kg
SAR(1 g) = 4.12 W/kg; SAR(10 g) = 2.16 W/kg



0 dB = 5.42 W/kg

DT&C Co., Ltd.

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029

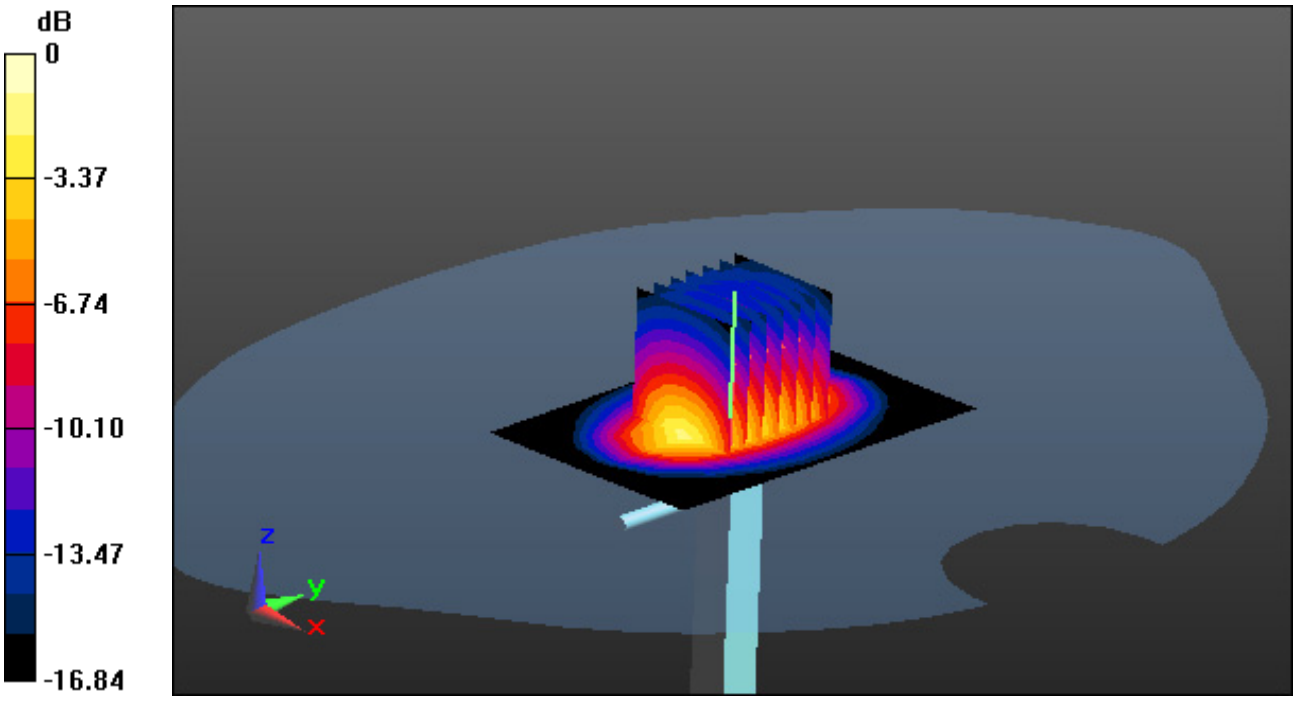
Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.43 S/m; ε_r = 38.731; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.13, 5.13, 5.13); Calibrated: 1/27/2021 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (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: 2021-09-06; Ambient Temp: 20.2; Tissue Temp: 20.0

1900 MHz System Verification (100 mW)

Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.04 dB
Peak SAR (extrapolated) = 6.79 W/kg
SAR(1 g) = 4.18 W/kg; SAR(10 g) = 2.21 W/kg



0 dB = 5.54 W/kg

DT&C Co., Ltd.

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:716

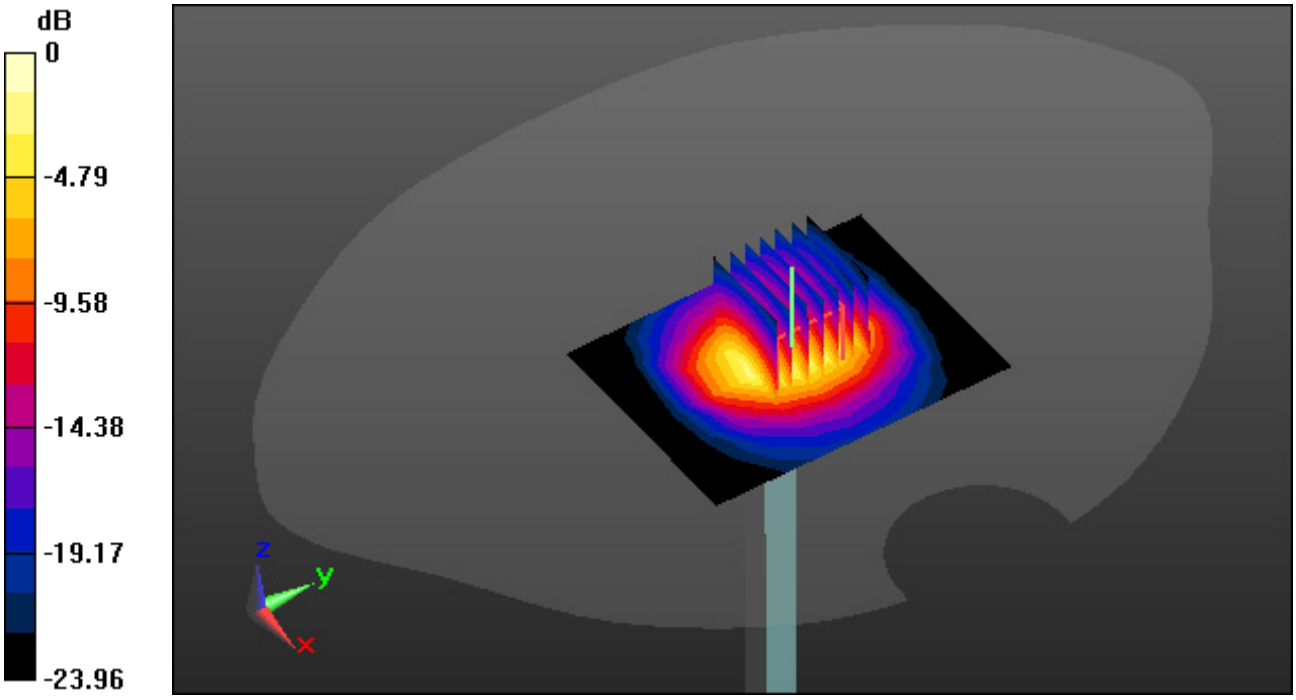
Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.783 S/m; ε_r = 39.107; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.8, 7.8, 7.8); Calibrated: 4/30/2021 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-09-17; Ambient Temp: 21.2; Tissue Temp: 21.1

2450 MHz System Verification (100 mW)

Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.09 dB
Peak SAR (extrapolated) = 12.1 W/kg
SAR(1 g) = 5.62 W/kg; SAR(10 g) = 2.54 W/kg



0 dB = 8.64 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

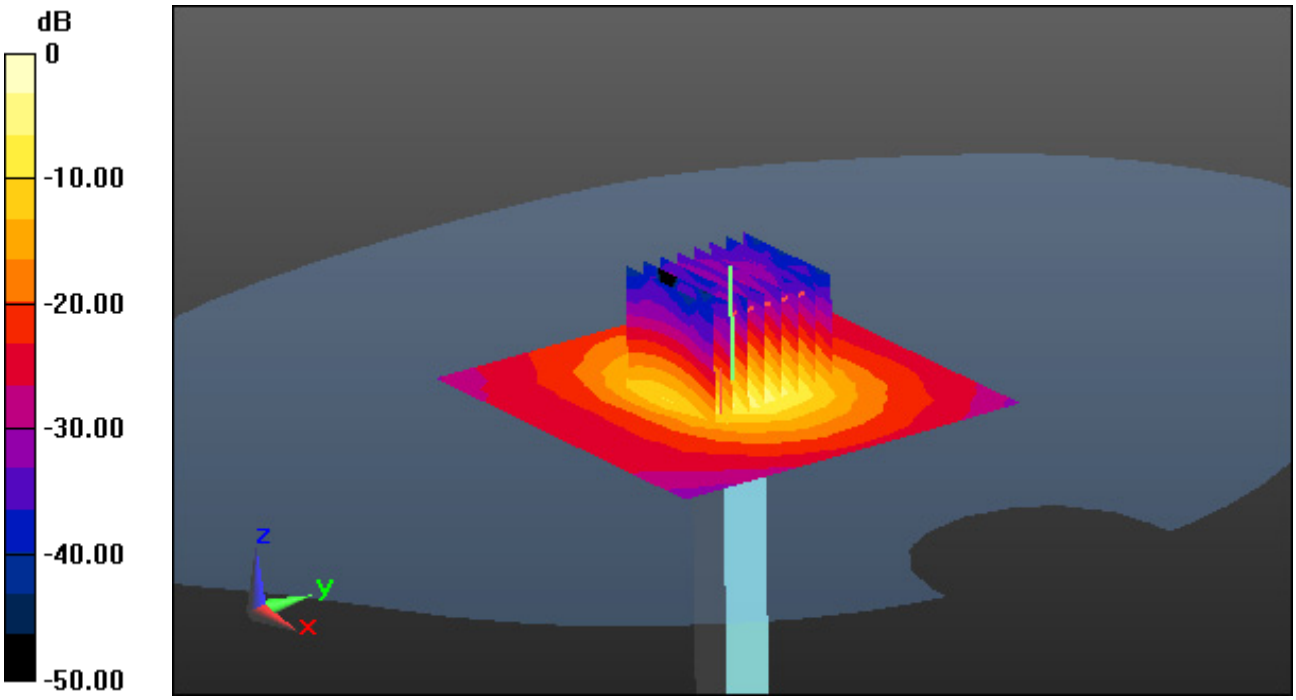
Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 4.872 S/m; ε_r = 35.778; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(5.39, 5.39, 5.39); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-09-23; Ambient Temp: 20.8; Tissue Temp: 20.7

5300 MHz System Verification (100 mW)

Area Scan (9x9x1): 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) = 33.7 W/kg
SAR(1 g) = 7.98 W/kg; SAR(10 g) = 2.3 W/kg



0 dB = 19.2 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

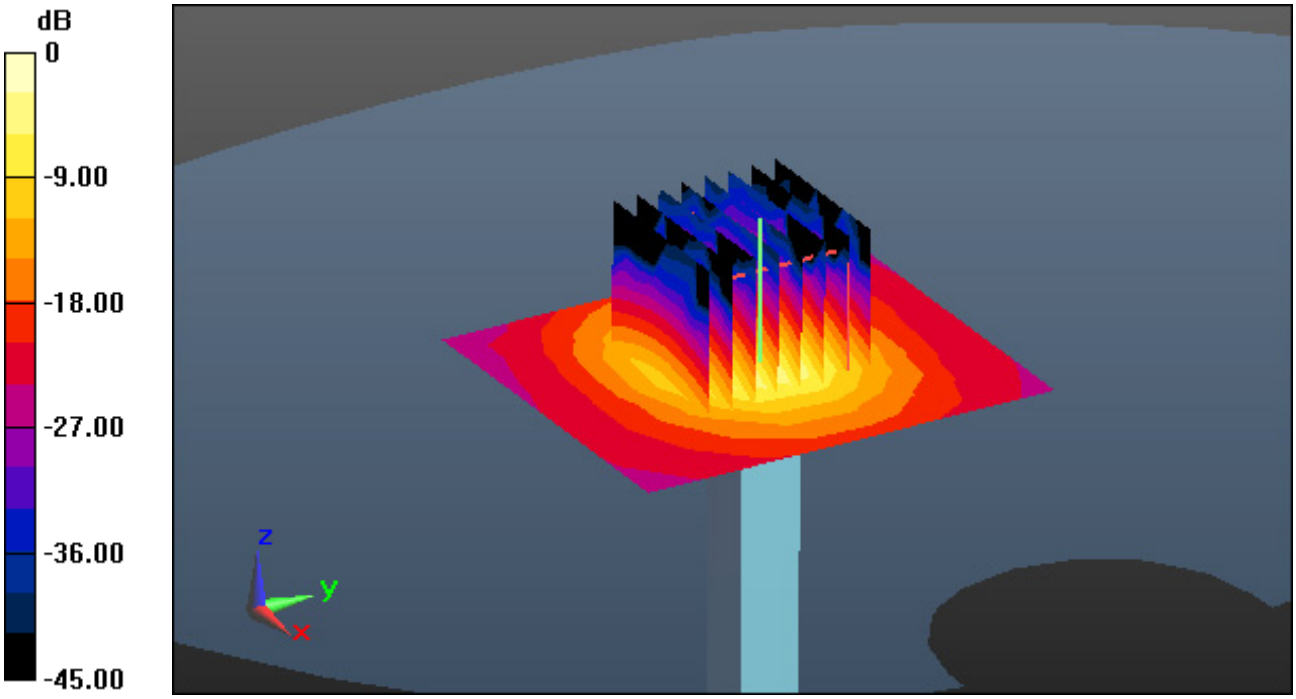
Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 5.066 S/m; ε_r = 34.746; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(4.84, 4.84, 4.84); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-09-26; Ambient Temp: 20.8; Tissue Temp: 20.9

5600 MHz System Verification (100 mW)

Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = 0.07 dB
Peak SAR (extrapolated) = 37.5 W/kg
SAR(1 g) = 8.39 W/kg; SAR(10 g) = 2.32 W/kg



0 dB = 20.6 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

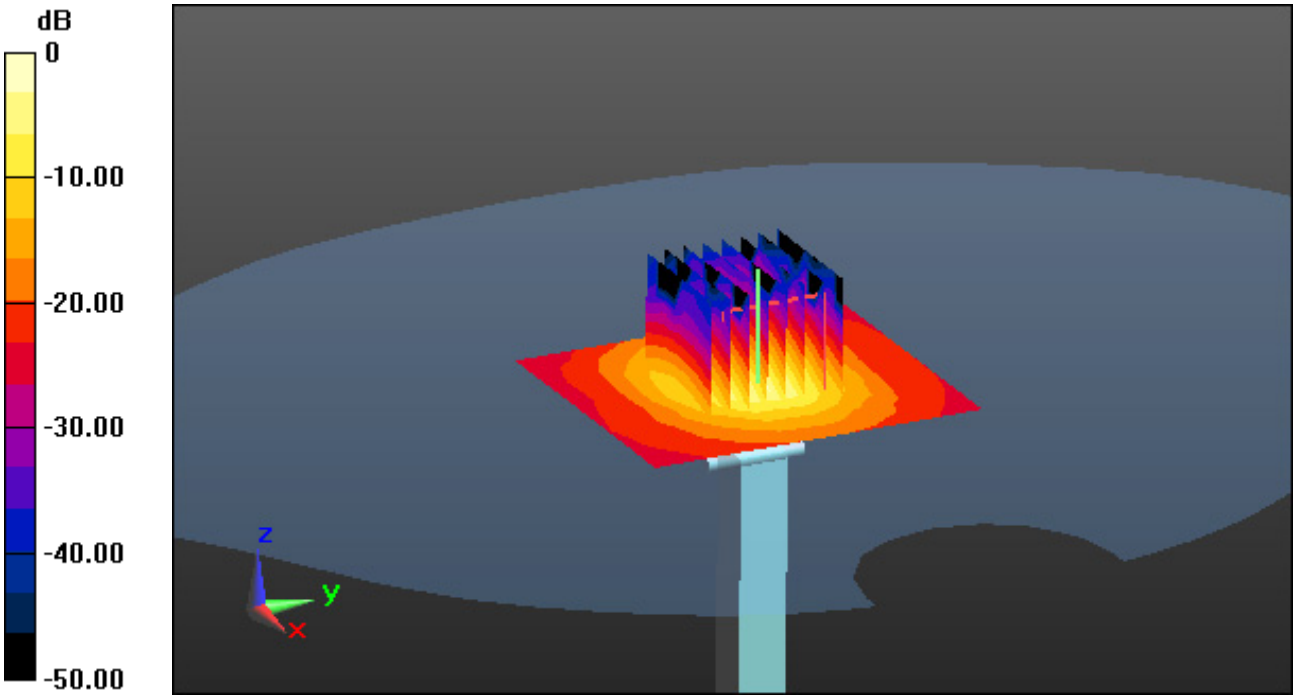
Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 5.264 S/m; ε_r = 34.399; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(5.03, 5.03, 5.03); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-09-27; Ambient Temp: 20.7; Tissue Temp: 20.4

5800 MHz System Verification (100 mW)

Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Gradad Ratio:1.4
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 35.0 W/kg
SAR(1 g) = 7.87 W/kg; SAR(10 g) = 2.19 W/kg



0 dB = 19.4 W/kg

DT&C Co., Ltd.

DUT: EB1083; Type: Bar;

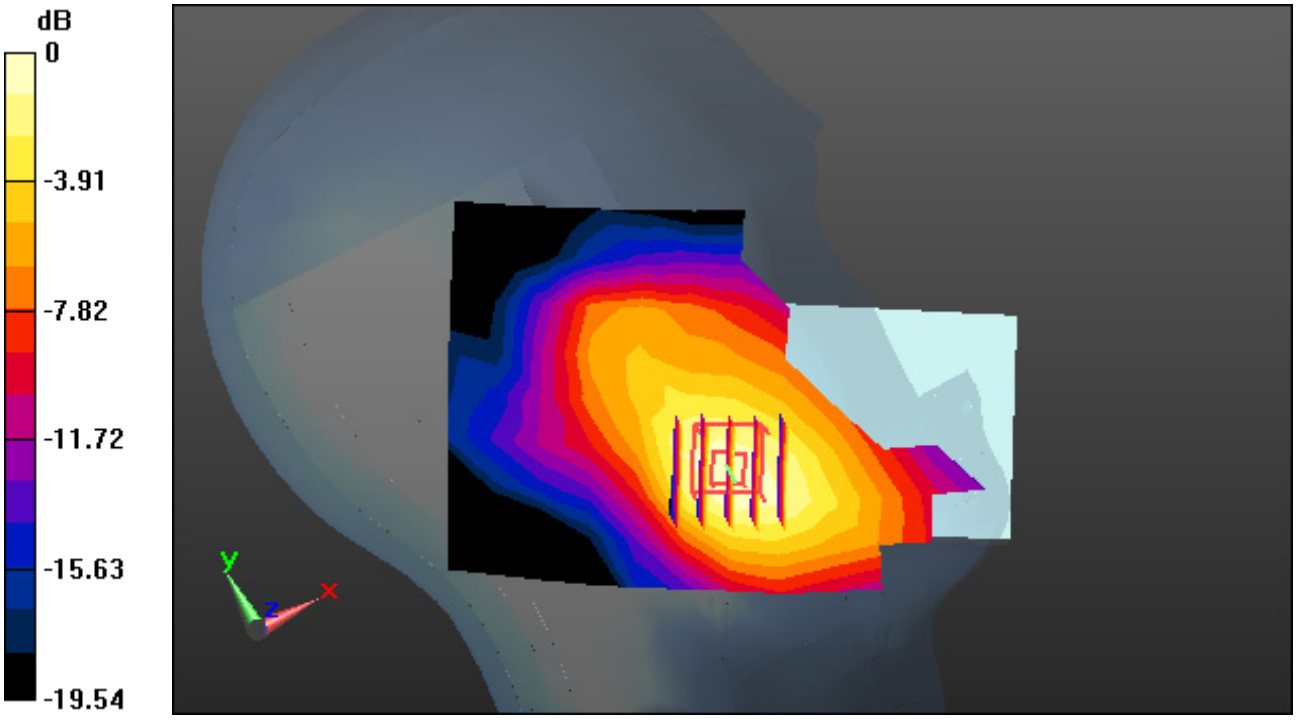
Communication System: UID 0, PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.412 S/m; ε_r = 38.784; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.13, 5.13, 5.13); Calibrated: 1/27/2021 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (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: 2021-09-06; Ambient Temp: 20.2; Tissue Temp: 20.0

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

Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.223 W/kg
SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.083 W/kg



0 dB = 0.166 W/kg

DT&C Co., Ltd.

DUT: EB1083; Type: Bar;

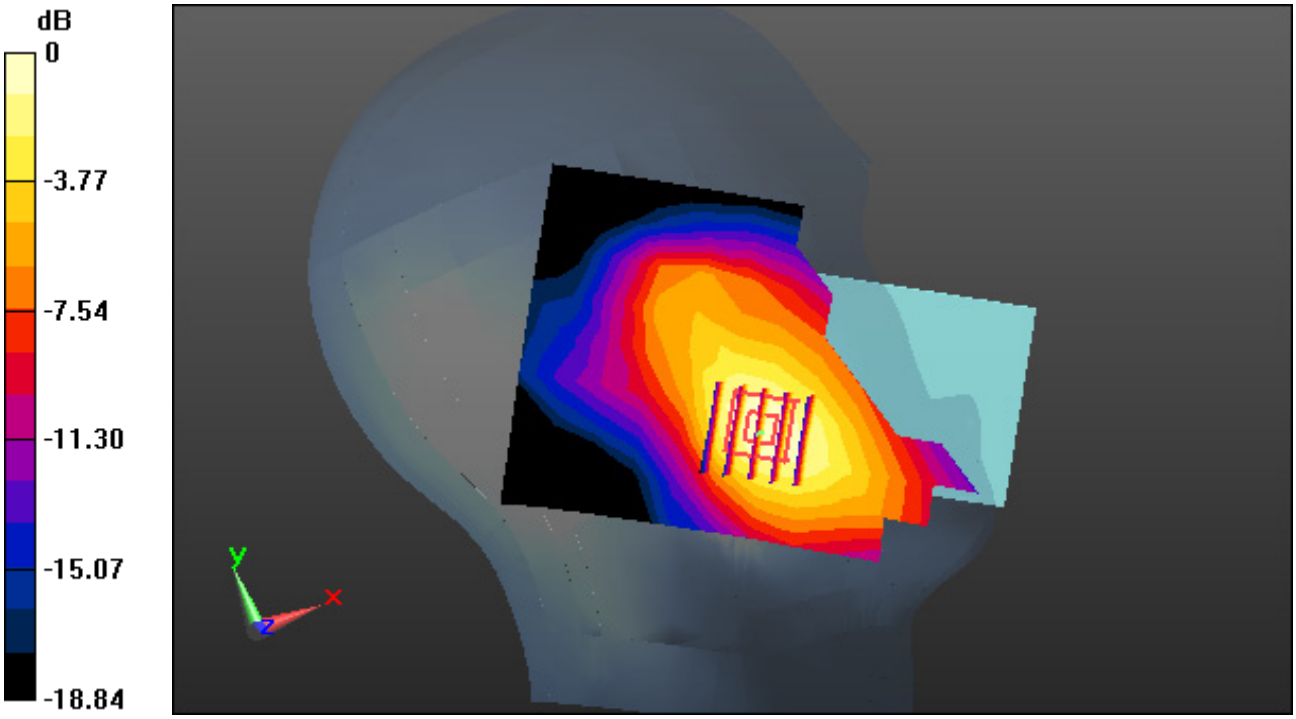
Communication System: UID 0, PCS1900_Class 12 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.412 S/m; ε_r = 38.784; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.13, 5.13, 5.13); Calibrated: 1/27/2021 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (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: 2021-09-06; Ambient Temp: 20.2; Tissue Temp: 20.0

Left Touch, PCS1900 GPRS 4TX Ch. 661, Ant Internal, Standard Battery

Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.337 W/kg
SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.125 W/kg



0 dB = 0.251 W/kg

DT&C Co., Ltd.

DUT: EB1083; Type: Bar;

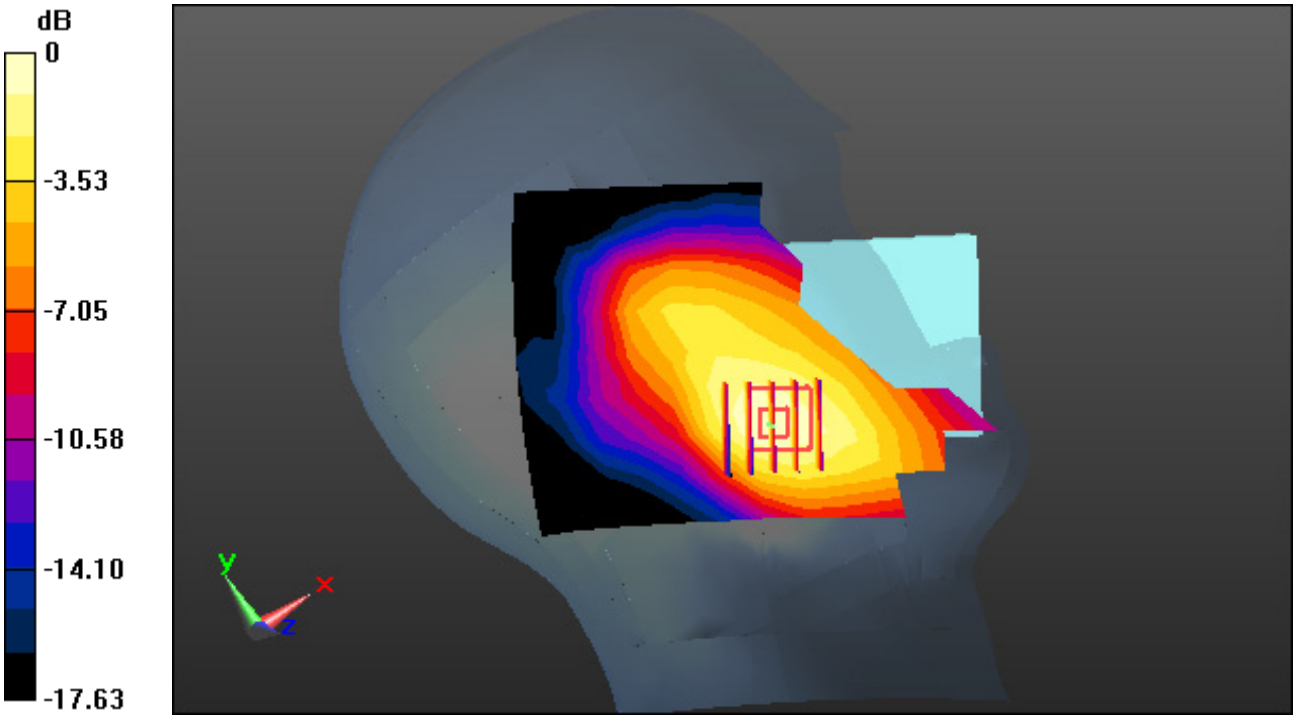
Communication System: UID 0, WCDMA Band 4 (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1732.4 MHz; σ = 1.352 S/m; ε_r = 41.427; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.41, 5.41, 5.41); Calibrated: 1/27/2021 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (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: 2021-09-07; Ambient Temp: 20.7; Tissue Temp: 20.5

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

Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.403 W/kg
SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.174 W/kg



0 dB = 0.317 W/kg

DT&C Co., Ltd.

DUT: EB1083; Type: Bar;

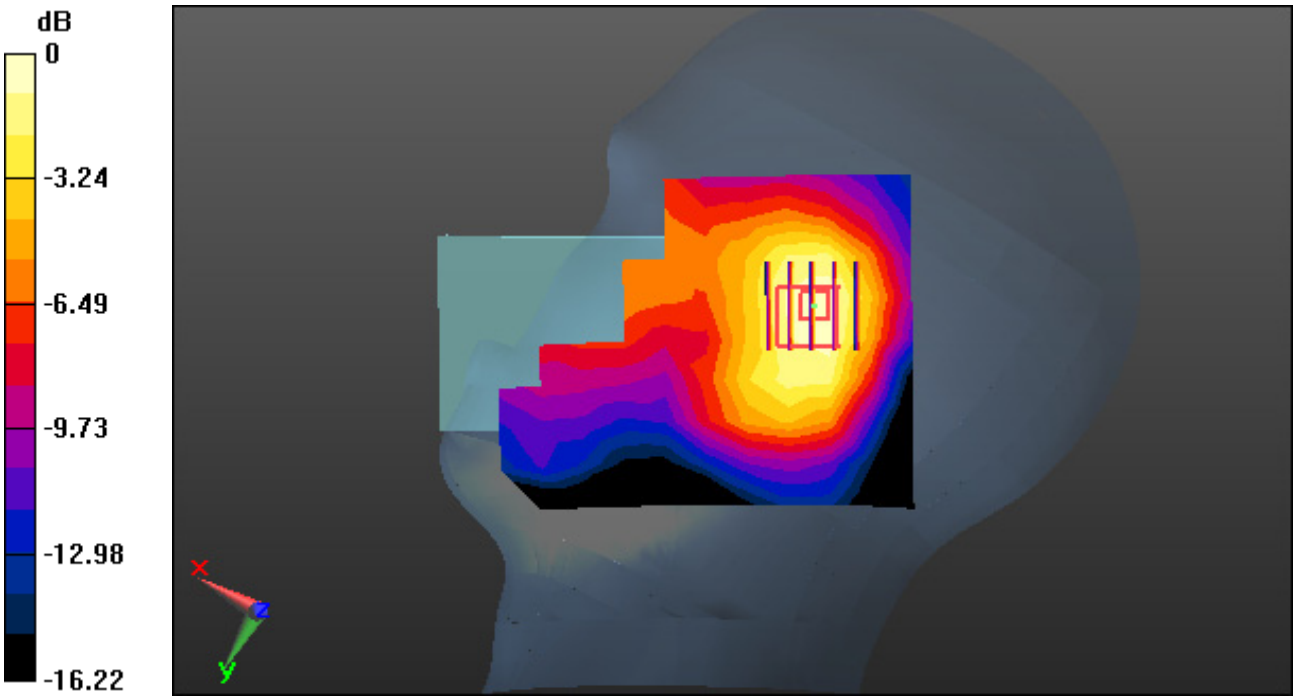
Communication System: UID 0, WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.412 S/m; ε_r = 38.784; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.13, 5.13, 5.13); Calibrated: 1/27/2021 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (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: 2021-09-06; Ambient Temp: 20.2; Tissue Temp: 20.0

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

Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.610 W/kg
SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.250 W/kg



0 dB = 0.470 W/kg

DT&C Co., Ltd.

DUT: EB1083; Type: Bar

Communication System: UID 0, LTE Band 4 (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.352 S/m; ε_r = 41.427; ρ = 1000 kg/m^3
Phantom section: Left Section

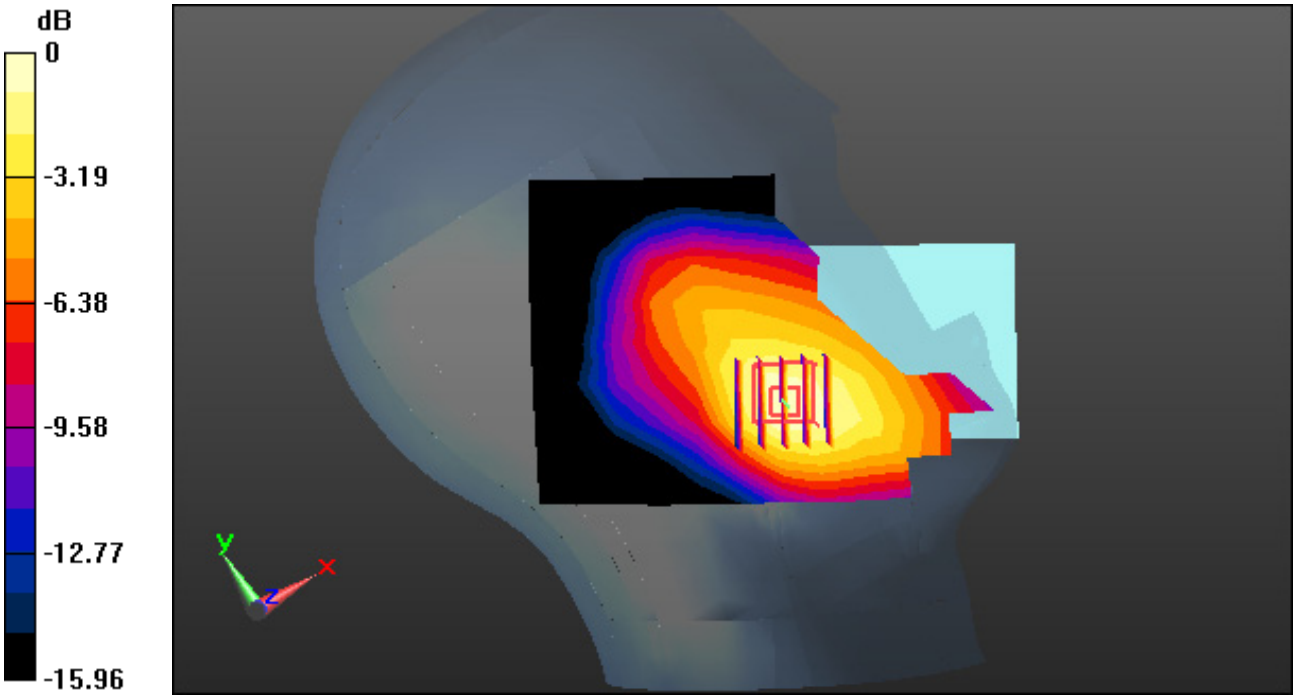
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.41, 5.41, 5.41); Calibrated: 1/27/2021 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-09-07; Ambient Temp: 20.7; Tissue Temp: 20.5

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

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

Area Scan (9x13x1): 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) = 0.313 W/kg
SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.133 W/kg



0 dB = 0.246 W/kg

DUT: EB1083; Type: Bar

Communication System: UID 0, LTE Band 2(FCC) (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; σ = 1.391 S/m; ε_r = 38.812; ρ = 1000 kg/m^3
Phantom section: Left Section

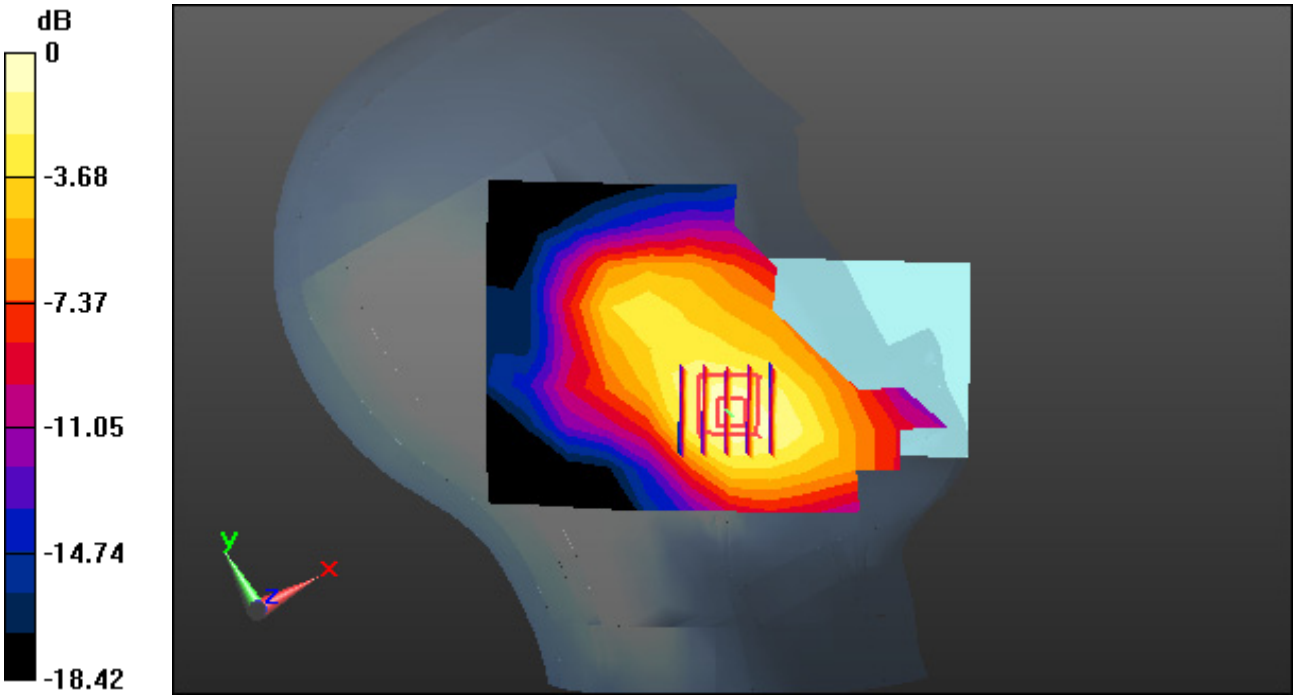
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.13, 5.13, 5.13); Calibrated: 1/27/2021 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-09-06; Ambient Temp: 20.2; Tissue Temp: 20.0

Left Touch, LTE Band 2 Ch. 18700, Ant Internal, Standard Battery

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

Area Scan (9x13x1): 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) = 0.409 W/kg
SAR(1 g) = 0.264 W/kg; SAR(10 g) = 0.161 W/kg



0 dB = 0.315 W/kg

DT&C Co., Ltd.

DUT: EB1083; Type: Bar

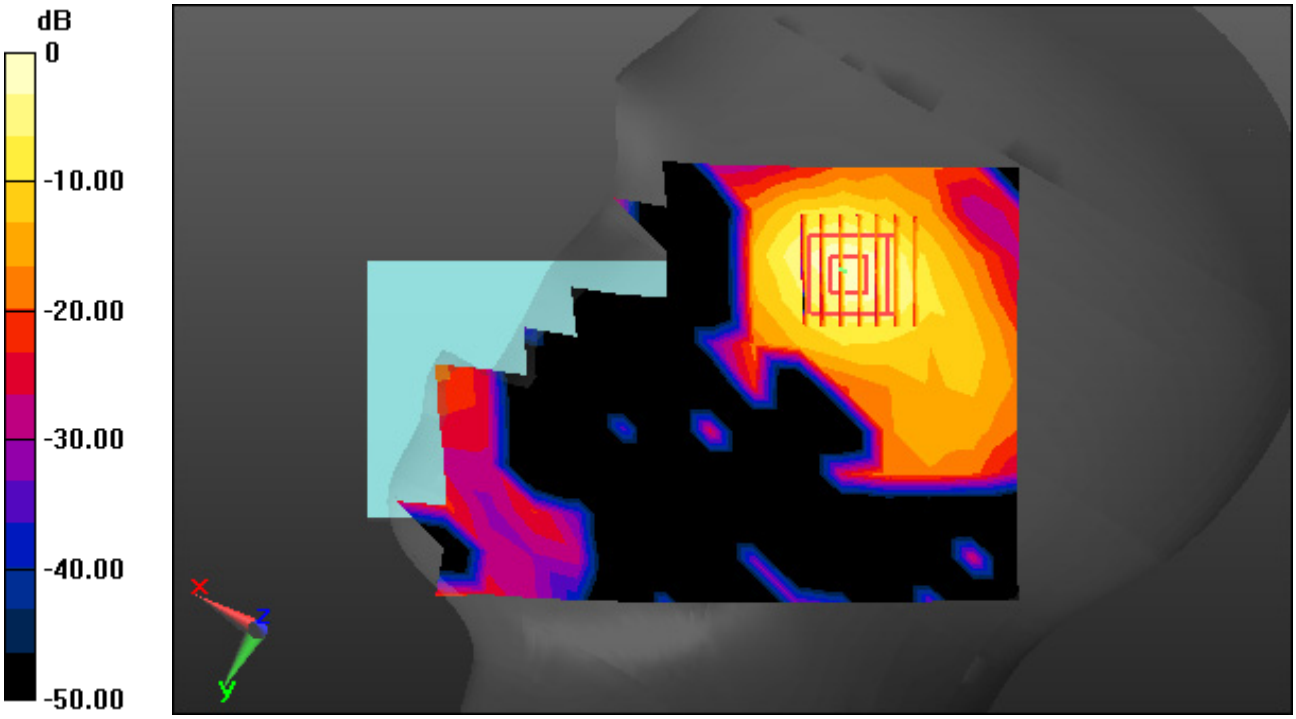
Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.768 S/m; ε_r = 39.149; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.8, 7.8, 7.8); Calibrated: 4/30/2021 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-09-17; Ambient Temp: 21.2; Tissue Temp: 21.1

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

Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.155 W/kg
SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.024 W/kg



0 dB = 0.101 W/kg

DT&C Co., Ltd.

DUT: EB1083; Type: Bar

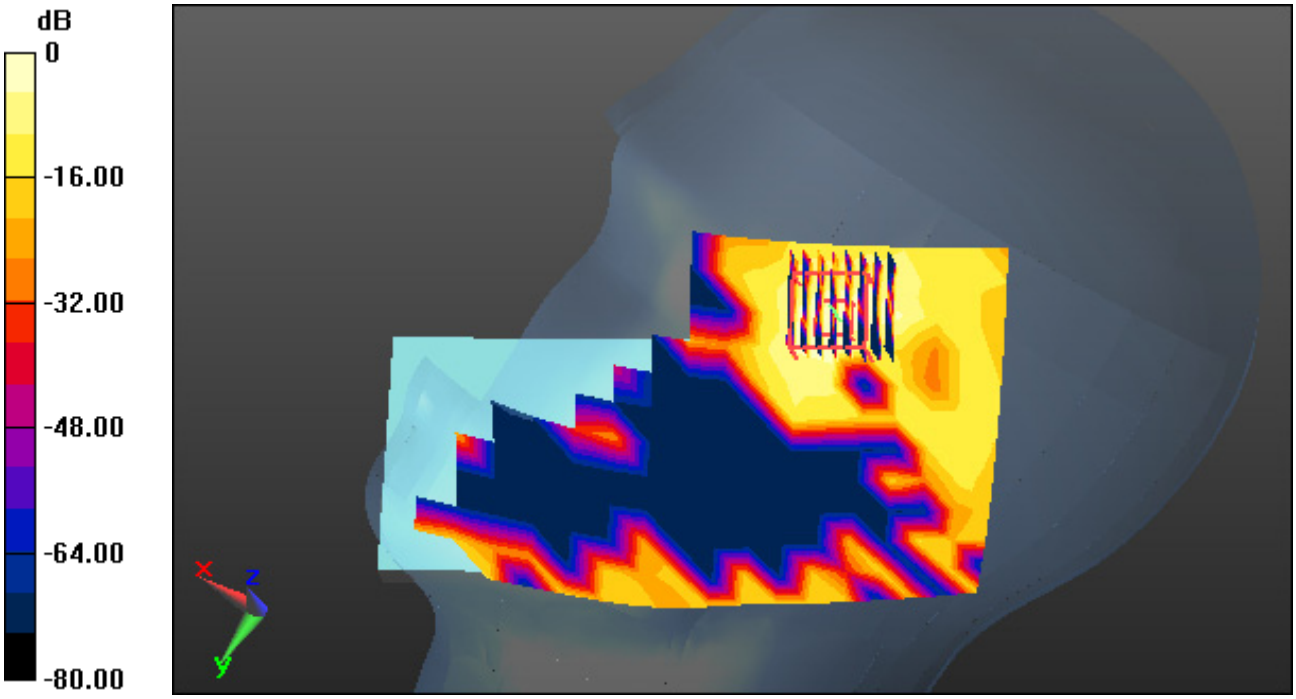
Communication System: UID 0, W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5290 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5290 MHz; σ = 4.863 S/m; ε_r = 35.799; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(5.39, 5.39, 5.39); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-09-23; Ambient Temp: 20.8; Tissue Temp: 20.7

Right Touch, WLAN(802.11ac VHT80) 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 = 0.00 dB
Peak SAR (extrapolated) = 0.330 W/kg
SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.022 W/kg



0 dB = 0.220 W/kg

DUT: EB1083; Type: Bar

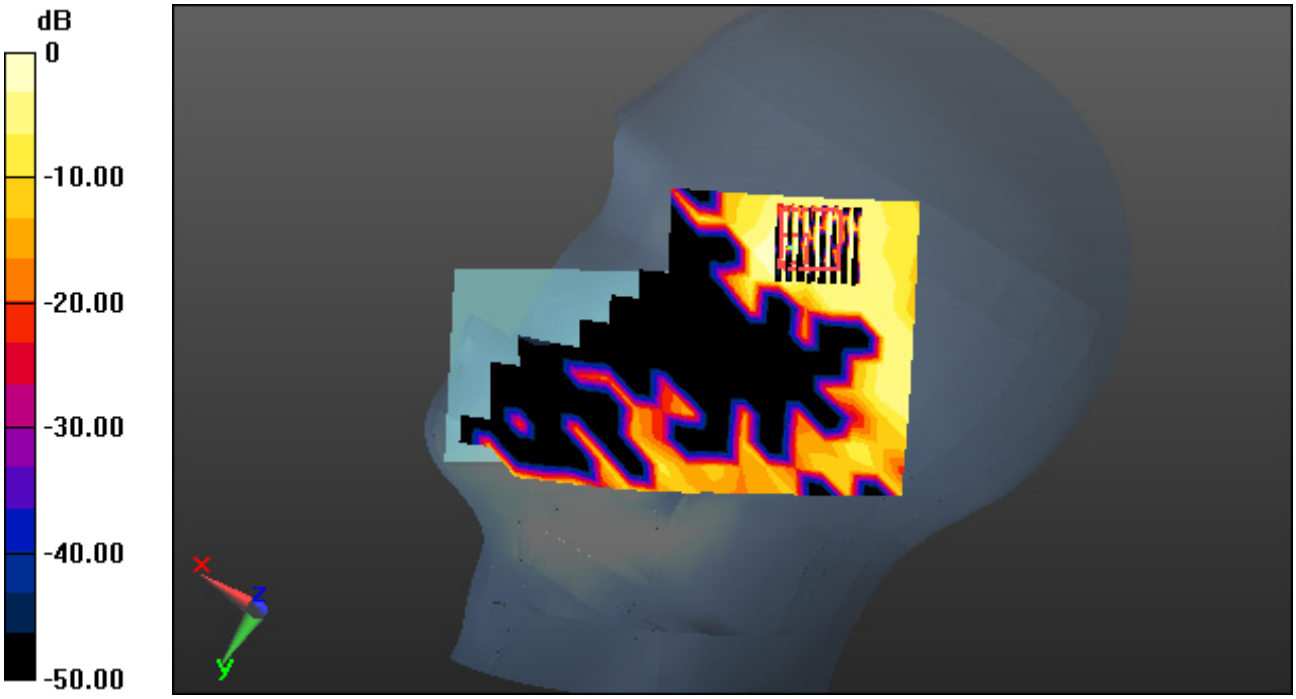
Communication System: UID 0, W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5610 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5610 MHz; σ = 5.073 S/m; ε_r = 34.745; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(4.84, 4.84, 4.84); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-09-26; Ambient Temp: 20.8; Tissue Temp: 20.9

Right Touch, WLAN(802.11ac VHT80) 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) = 0.290 W/kg
SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.015 W/kg



0 dB = 0.178 W/kg

DT&C Co., Ltd.

DUT: EB1083; Type: Bar

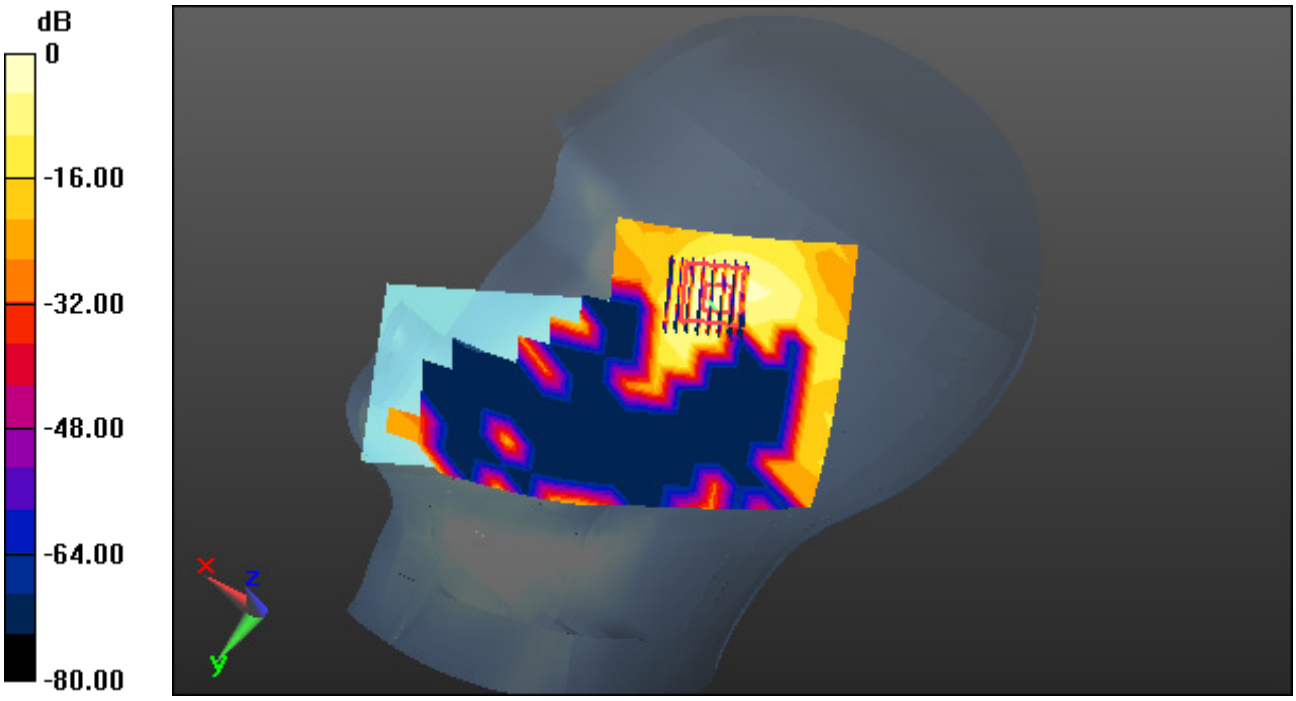
Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5775 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5775 MHz; σ = 5.232 S/m; ε_r = 34.437; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(5.03, 5.03, 5.03); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-09-27; Ambient Temp: 20.7; Tissue Temp: 20.4

Right Touch, WLAN(802.11ac VHT80) Ch. 155, 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) = 0.361 W/kg
SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.022 W/kg



0 dB = 0.225 W/kg

DT&C Co., Ltd.

DUT: EB1083; Type: Bar

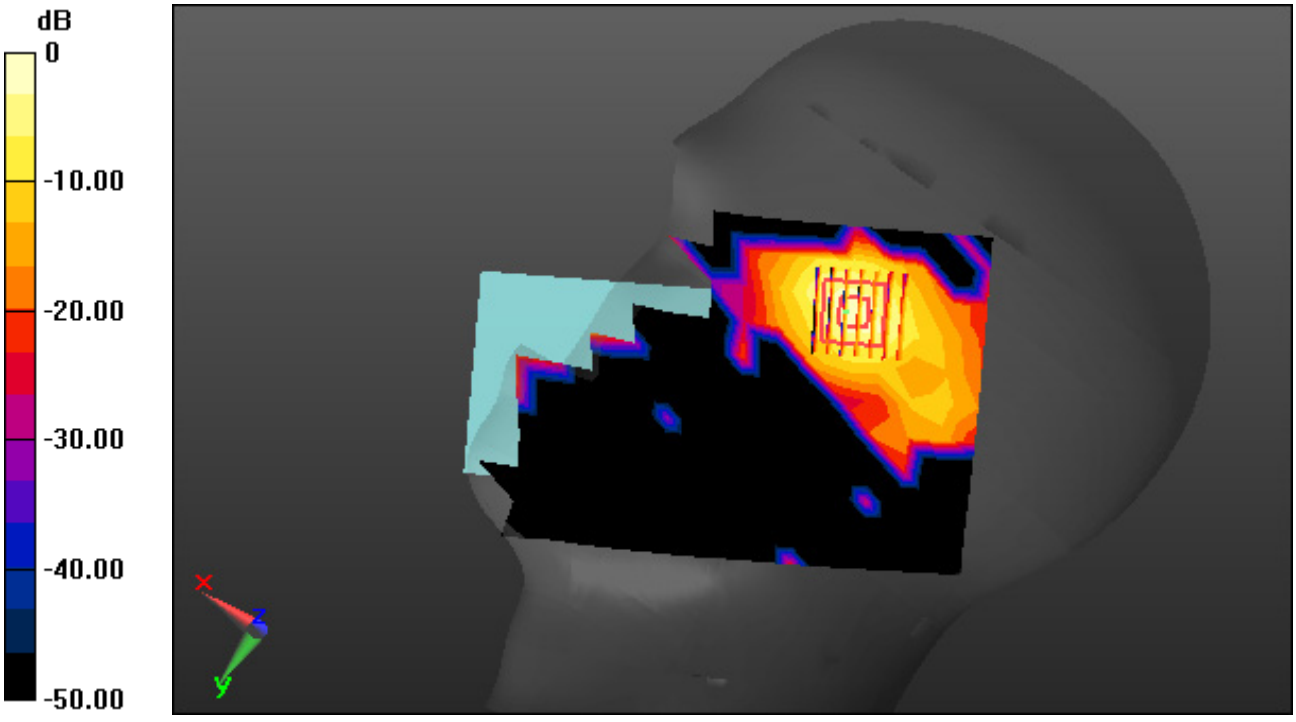
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.773 S/m; ε_r = 39.136; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.8, 7.8, 7.8); Calibrated: 4/30/2021 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-09-17; Ambient Temp: 21.2; Tissue Temp: 21.1

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

Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.0820 W/kg
SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.012 W/kg



0 dB = 0.0572 W/kg

DT&C Co., Ltd.

DUT: EB1083; Type: Bar;

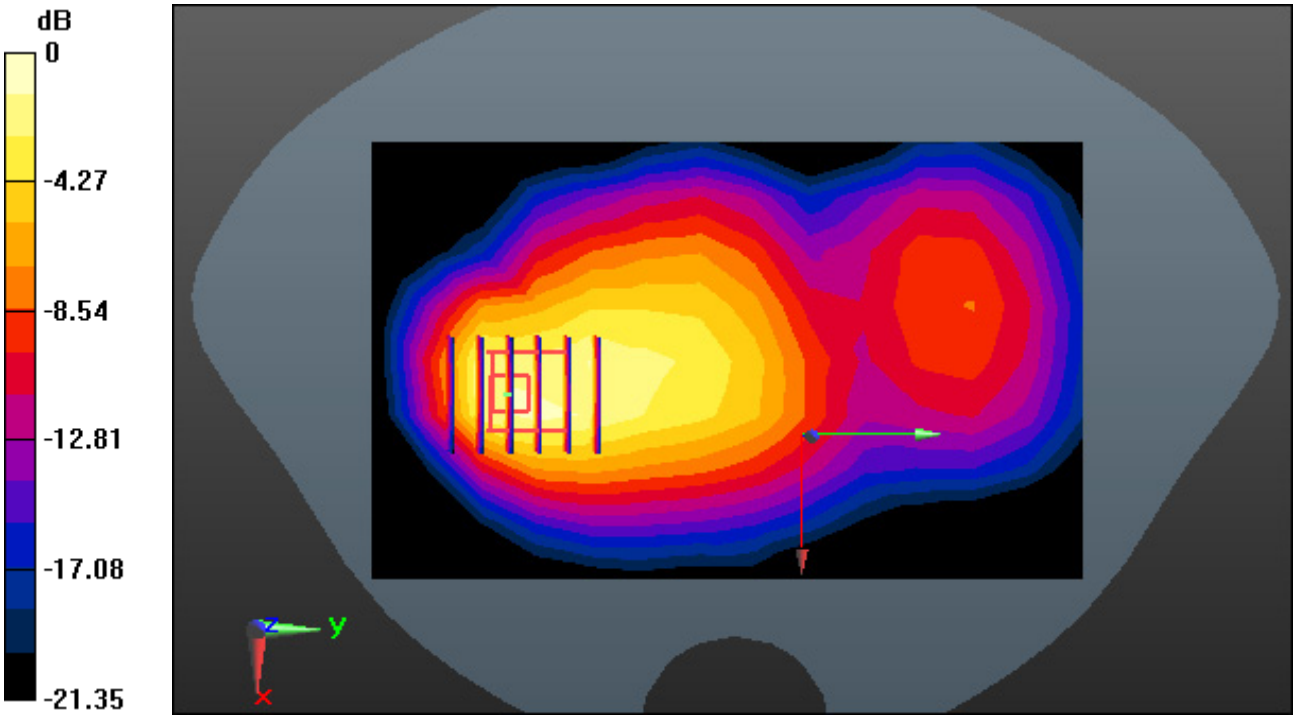
Communication System: UID 0, PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.412 S/m; ε_r = 38.784; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.13, 5.13, 5.13); Calibrated: 1/27/2021 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (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: 2021-09-06; Ambient Temp: 20.2; Tissue Temp: 20.0

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

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.634 W/kg
SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.154 W/kg



0 dB = 0.404 W/kg

DT&C Co., Ltd.

DUT: EB1083; Type: Bar;

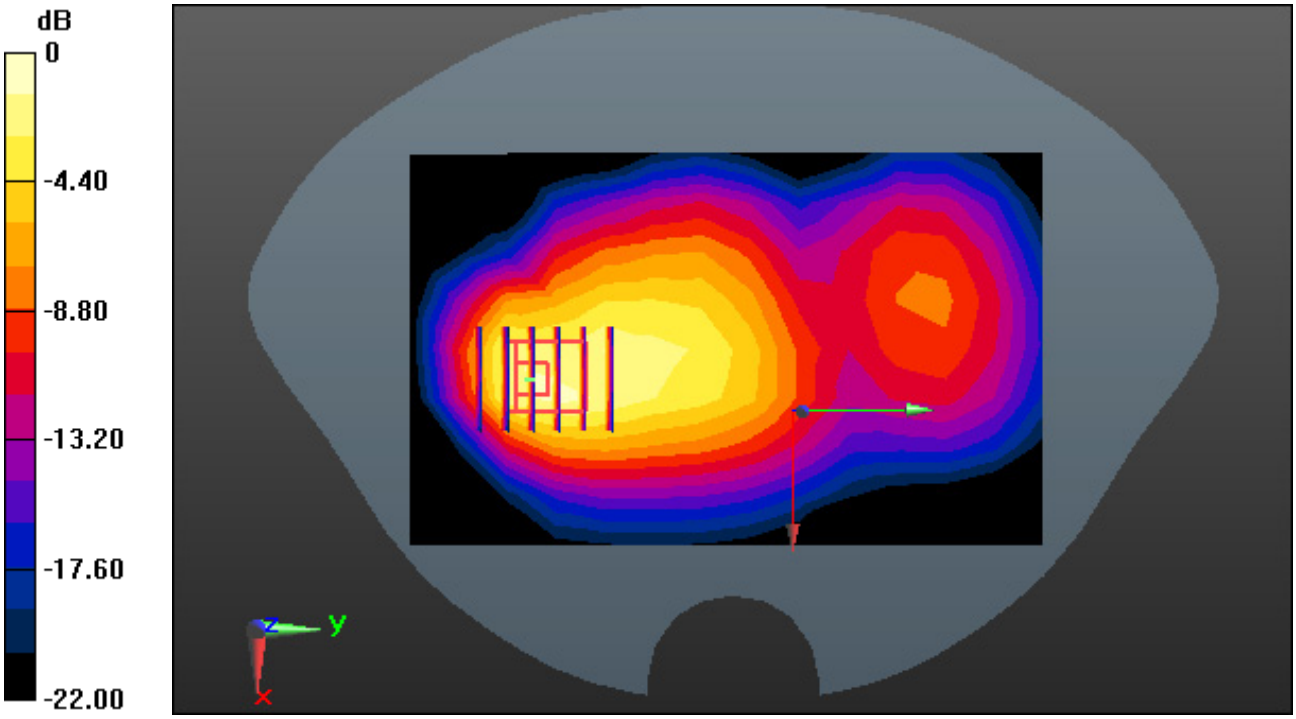
Communication System: UID 0, PCS1900_Class 12 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.412 S/m; ε_r = 38.784; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.13, 5.13, 5.13); Calibrated: 1/27/2021 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (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: 2021-09-06; Ambient Temp: 20.2; Tissue Temp: 20.0

1 cm space from Body, Rear, PCS1900 GPRS 4TX Ch. 661, Ant Internal

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.963 W/kg
SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.234 W/kg



0 dB = 0.615 W/kg

DUT: EB1083; Type: Bar

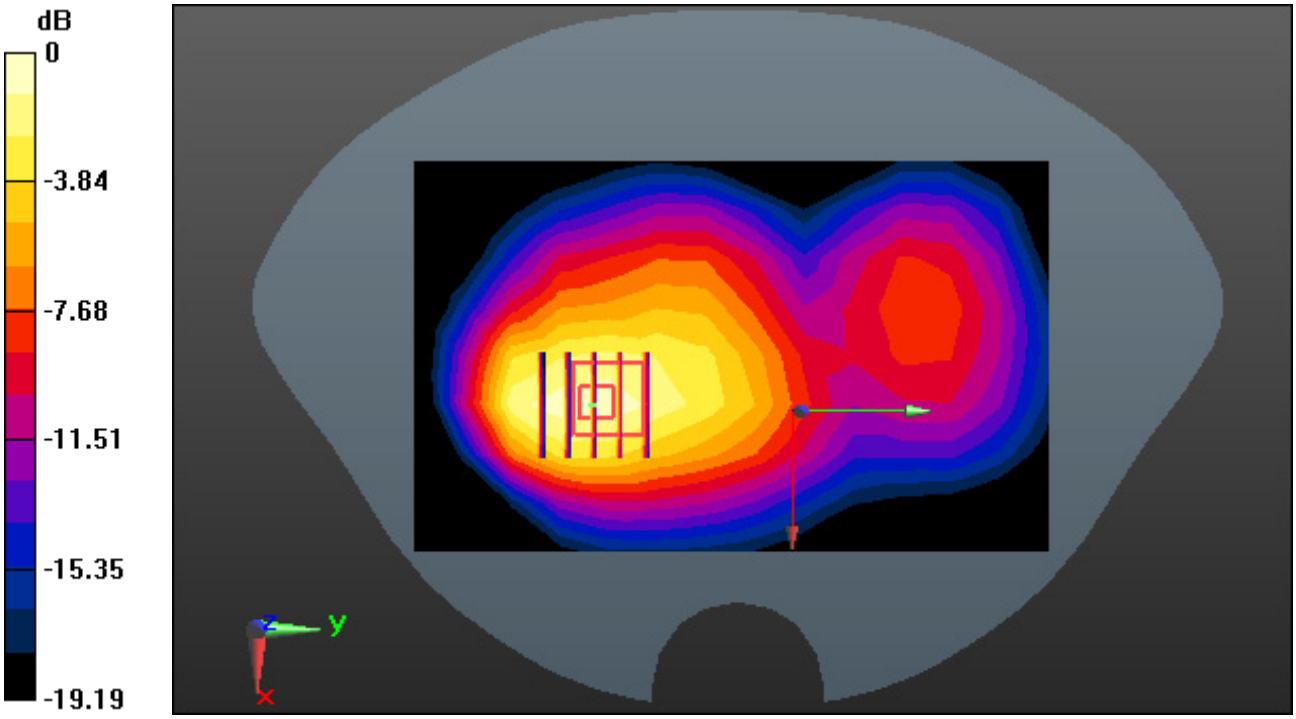
Communication System: UID 0, WCDMA Band 4 (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1732.4 MHz; σ = 1.352 S/m; ε_r = 41.427; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.41, 5.41, 5.41); Calibrated: 1/27/2021 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (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: 2021-09-07; Ambient Temp: 20.7; Tissue Temp: 20.5

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

Area Scan (9x14x1): 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) = 1.11 W/kg
SAR(1 g) = 0.606 W/kg; SAR(10 g) = 0.348 W/kg



0 dB = 0.746 W/kg

DT&C Co., Ltd.

DUT: EB1083; Type: Bar

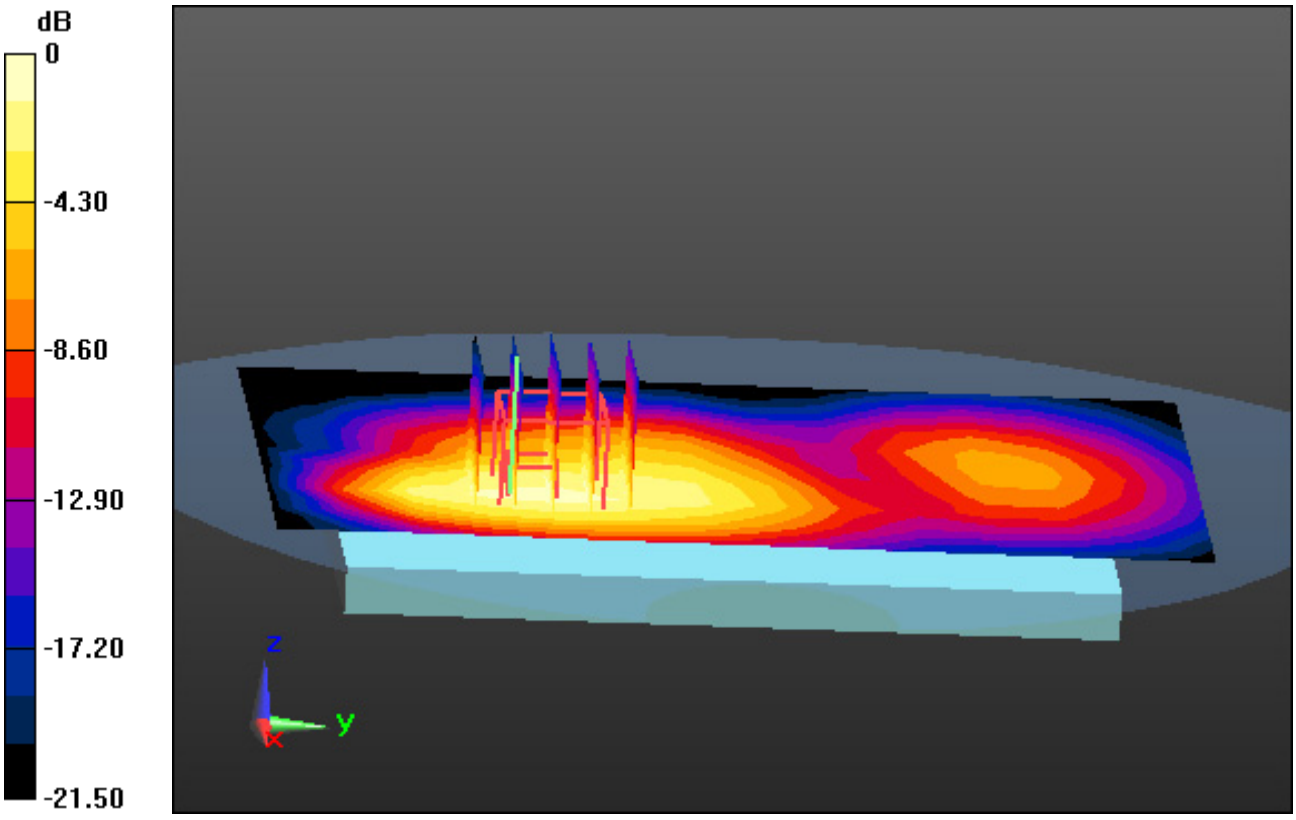
Communication System: UID 0, WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.412 S/m; ε_r = 38.784; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.13, 5.13, 5.13); Calibrated: 1/27/2021 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (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: 2021-09-06; Ambient Temp: 20.2; Tissue Temp: 20.0

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

Area Scan (9x14x1): 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) = 0.981 W/kg
SAR(1 g) = 0.571 W/kg; SAR(10 g) = 0.310 W/kg



0 dB = 0.731 W/kg

DUT: EB1083; Type: Bar

Communication System: UID 0, LTE Band 4 (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.352 S/m; ε_r = 41.427; ρ = 1000 kg/m^3
Phantom section: Flat Section

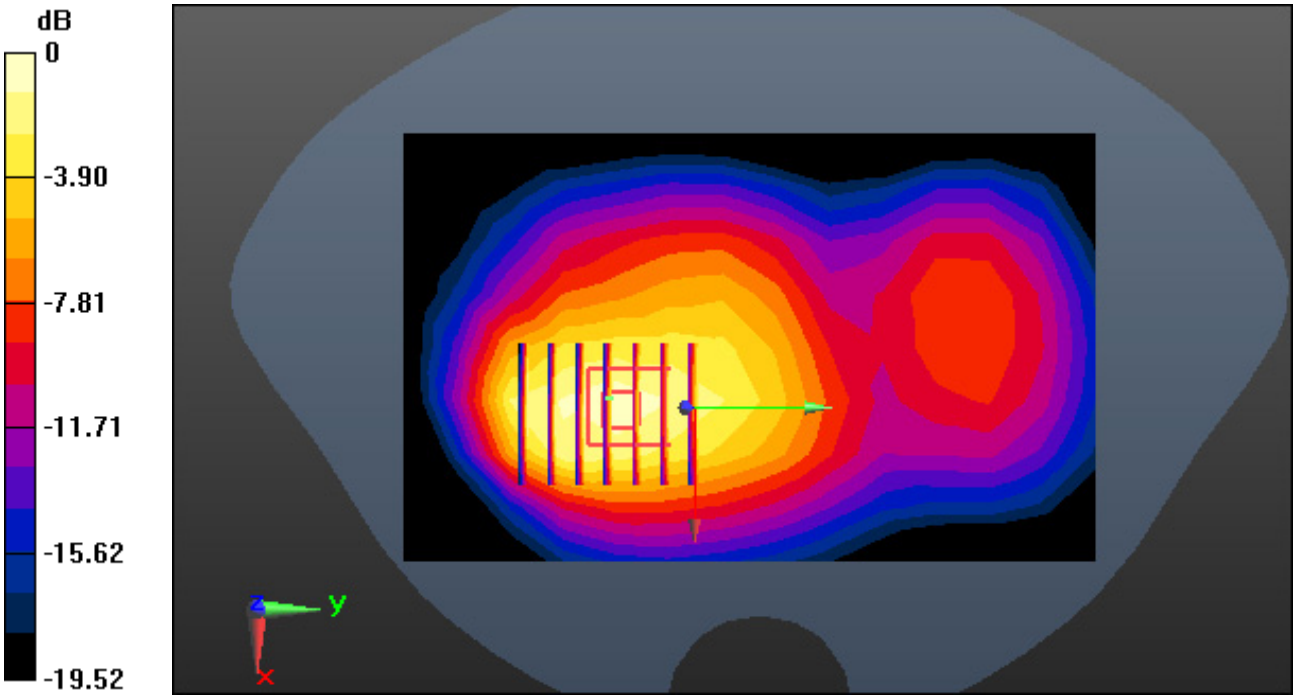
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.41, 5.41, 5.41); Calibrated: 1/27/2021 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-09-07; Ambient Temp: 20.7; Tissue Temp: 20.5

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

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

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.989 W/kg
SAR(1 g) = 0.525 W/kg; SAR(10 g) = 0.308 W/kg



0 dB = 0.660 W/kg

DUT: EB1083; Type: Bar

Communication System: UID 0, LTE Band 2 (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; σ = 1.391 S/m; ε_r = 38.812; ρ = 1000 kg/m^3
Phantom section: Flat Section

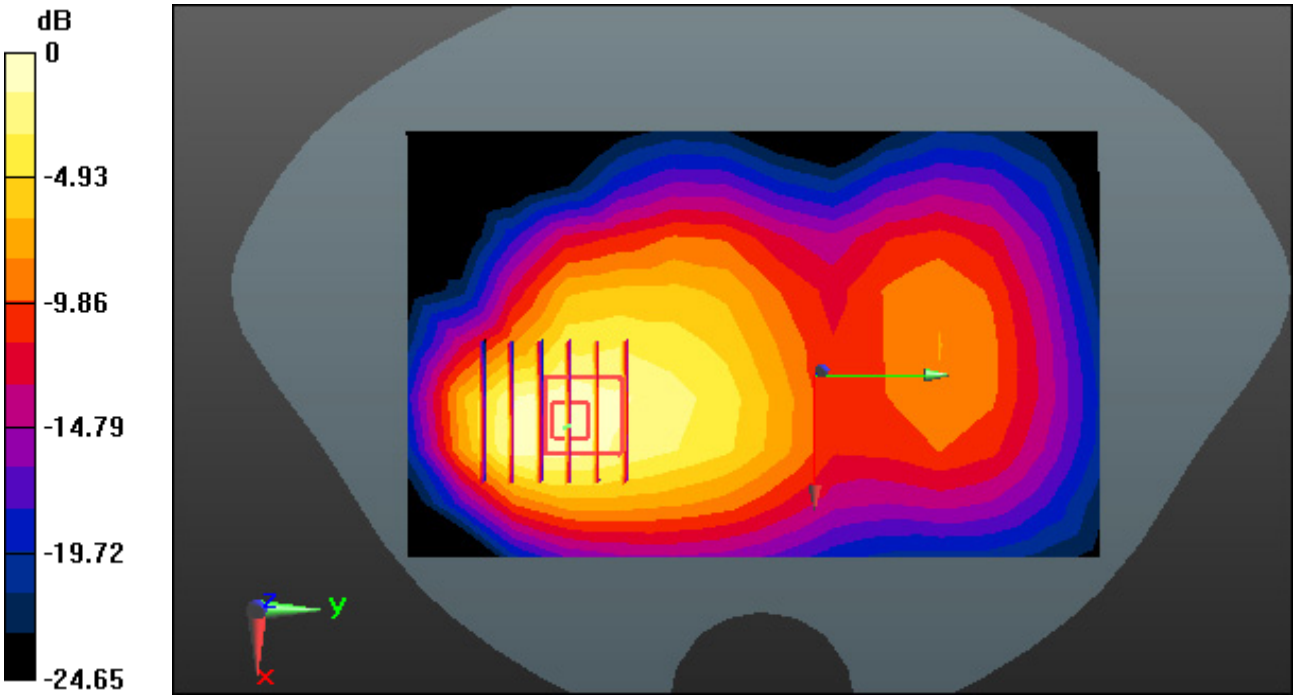
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.13, 5.13, 5.13); Calibrated: 1/27/2021 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-09-06; Ambient Temp: 20.2; Tissue Temp: 20.0

1 cm space from Body, Rear, LTE Band 2 Ch. 18700, Ant Internal

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

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.605 W/kg; SAR(10 g) = 0.343 W/kg



0 dB = 0.736 W/kg

DT&C Co., Ltd.

DUT: EB1083; Type: Bar

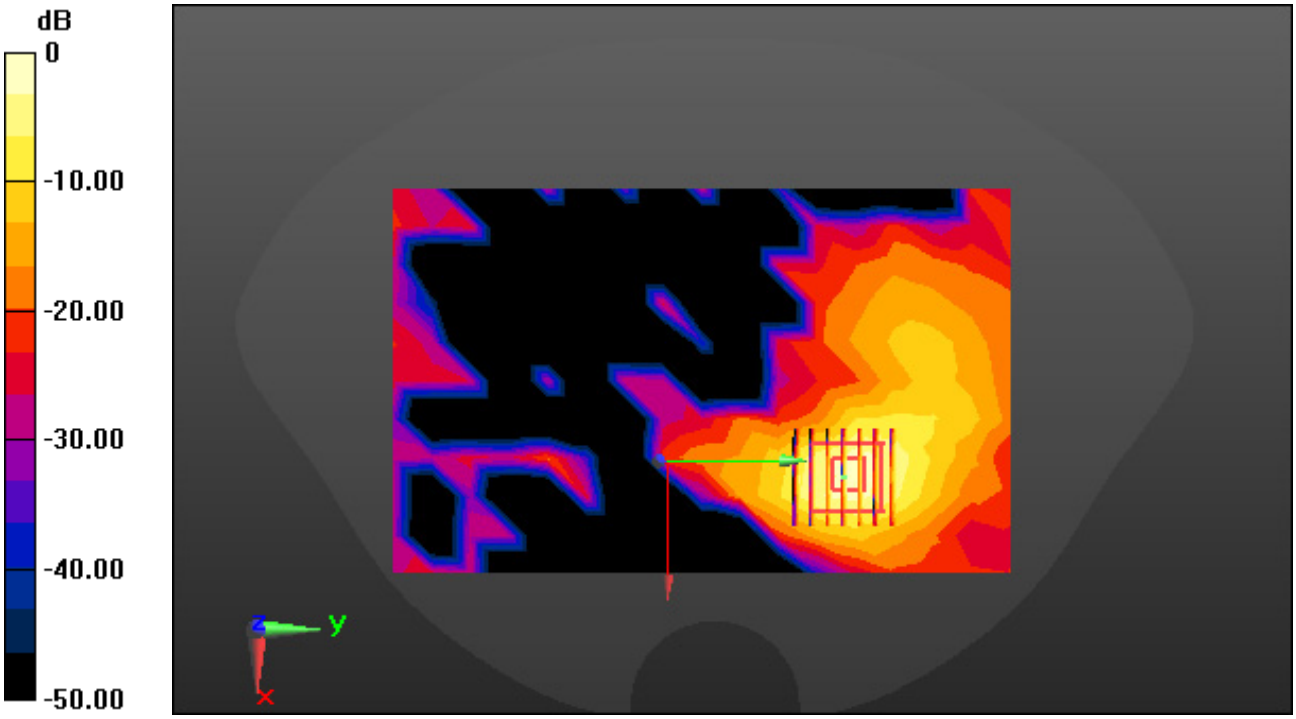
Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.768 S/m; ε_r = 39.149; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.8, 7.8, 7.8); Calibrated: 4/30/2021 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-09-17; Ambient Temp: 21.2; Tissue Temp: 21.1

1 cm space from Body, Rear, WLAN(802.11b) Ch. 6, Ant Internal

Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.201 W/kg
SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.035 W/kg



0 dB = 0.142 W/kg

DUT: EB1083; Type: Bar

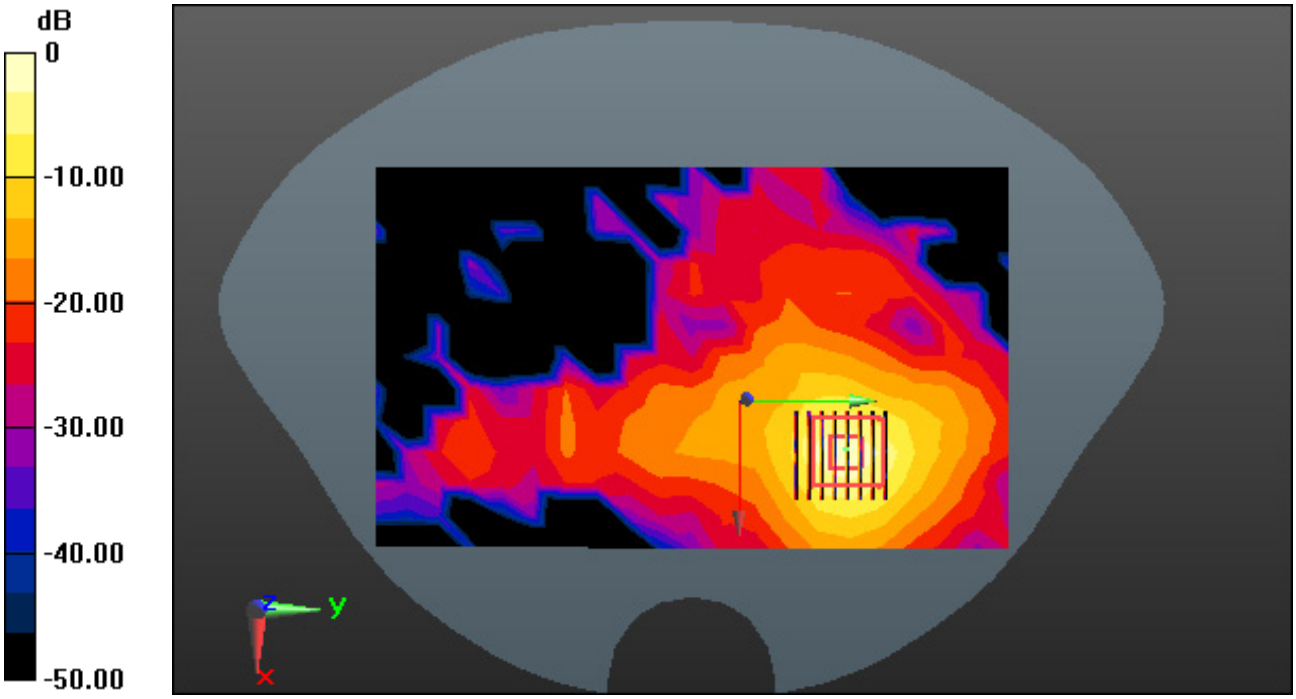
Communication System: UID 0, W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5290 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5290 MHz; σ = 4.863 S/m; ε_r = 35.799; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(5.39, 5.39, 5.39); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-09-23; Ambient Temp: 20.8; Tissue Temp: 20.7

1 cm space from Body, Rear, WLAN(802.11ac VHT80) Ch. 58, Ant Internal

Area Scan (13x21x1): 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) = 1.22 W/kg
SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.104 W/kg



0 dB = 0.776 W/kg

DUT: EB1083; Type: Bar

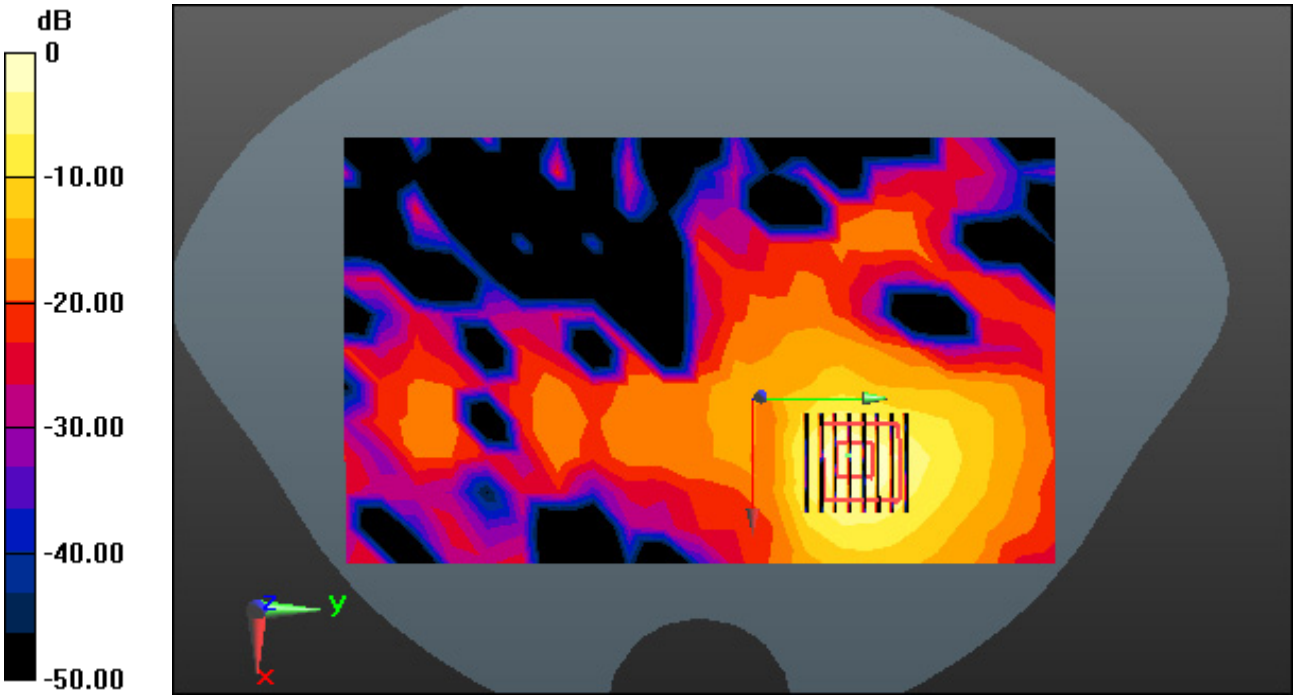
Communication System: UID 0, W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5610 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5610 MHz; σ = 5.073 S/m; ε_r = 34.745; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(4.84, 4.84, 4.84); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-09-26; Ambient Temp: 20.8; Tissue Temp: 20.9

1 cm space from Body, Rear, WLAN(802.11ac VHT80) Ch. 122, Ant Internal

Area Scan (13x21x1): 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 = -0.17 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.086 W/kg



0 dB = 0.612 W/kg

DT&C Co., Ltd.

DUT: EB1083; Type: Bar

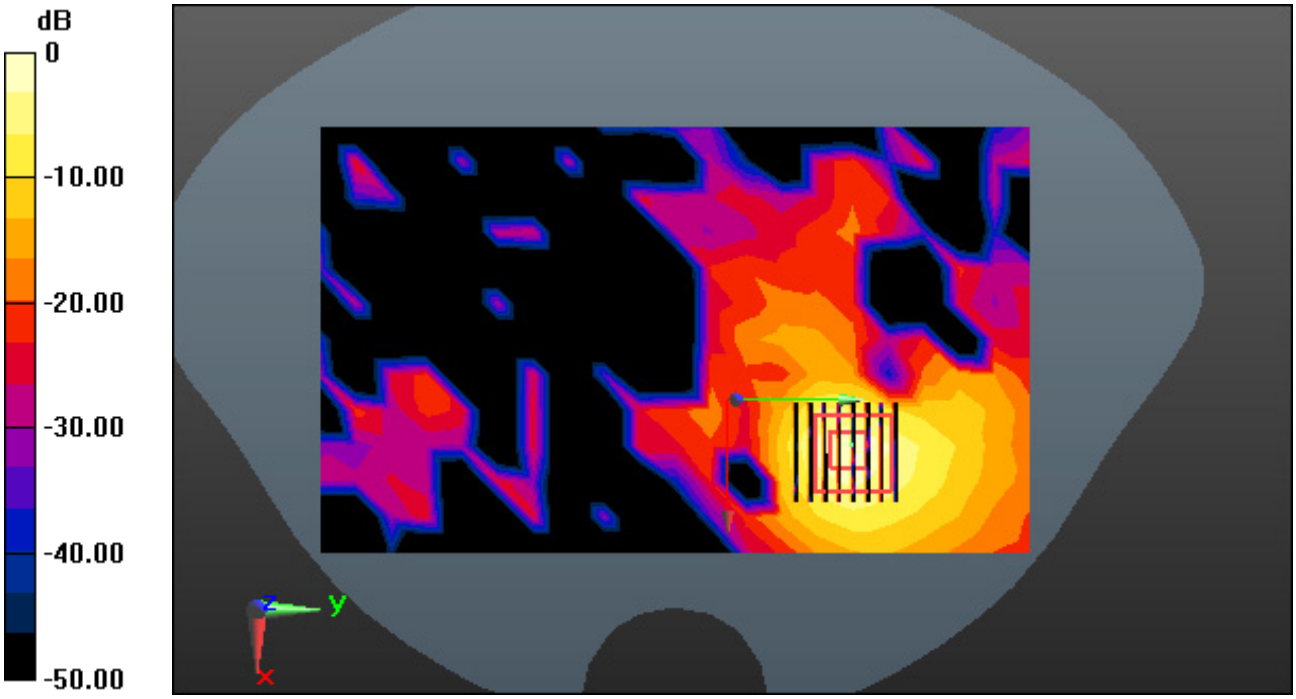
Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5775 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5775 MHz; σ = 5.232 S/m; ε_r = 34.437; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(5.03, 5.03, 5.03); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-09-27; Ambient Temp: 20.7; Tissue Temp: 20.4

1 cm space from Body, Rear, WLAN(802.11ac VHT80) Ch. 155, Ant Internal

Area Scan (13x21x1): 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) = 0.905 W/kg
SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.070 W/kg



0 dB = 0.535 W/kg

DT&C Co., Ltd.

DUT: EB1083; Type: Bar

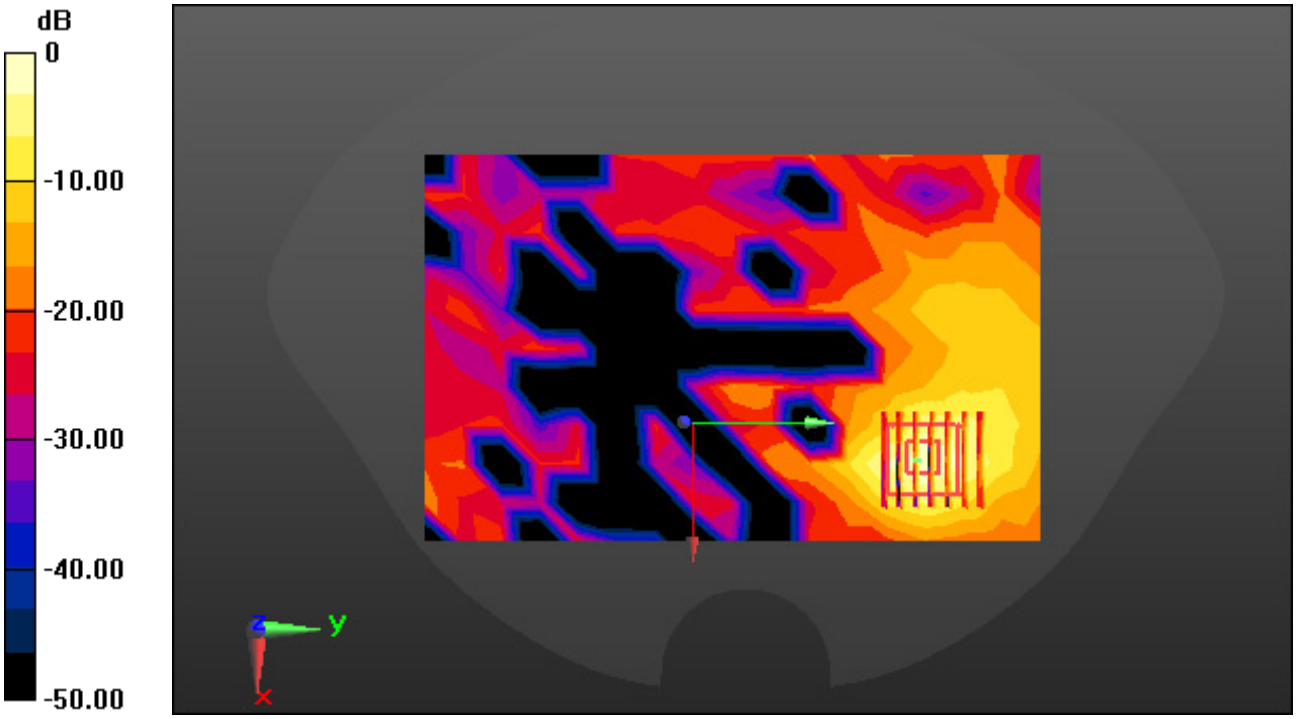
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.773 S/m; ε_r = 39.136; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.8, 7.8, 7.8); Calibrated: 4/30/2021 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-09-17; Ambient Temp: 21.2; Tissue Temp: 21.1

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

Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.105 W/kg
SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.014 W/kg



0 dB = 0.0736 W/kg

DUT: EB1083; Type: Bar

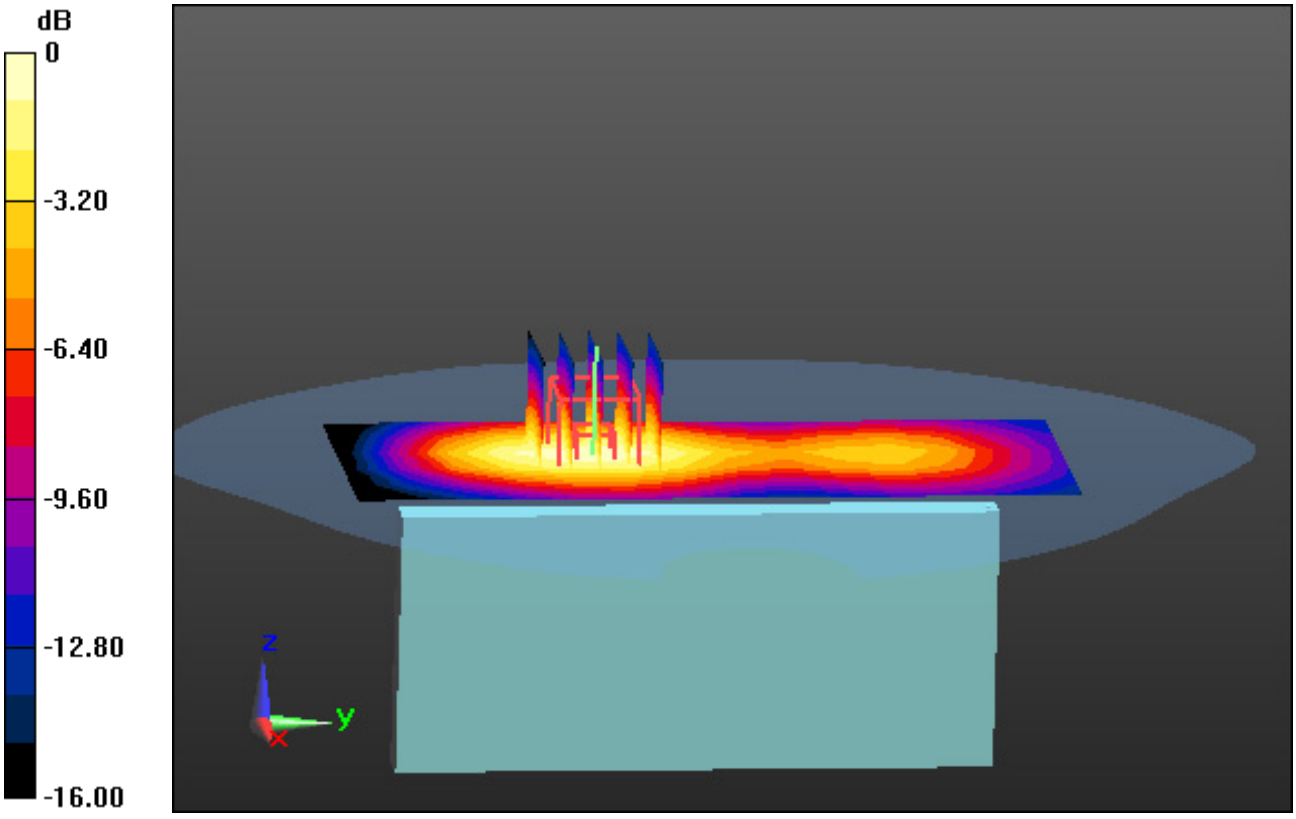
Communication System: UID 0, WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.412 S/m; ε_r = 38.784; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.13, 5.13, 5.13); Calibrated: 1/27/2021 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (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: 2021-09-06; Ambient Temp: 20.2; Tissue Temp: 20.0

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

Area Scan (6x14x1): 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) = 0.980 W/kg
SAR(1 g) = 0.608 W/kg; SAR(10 g) = 0.365 W/kg



0 dB = 0.732 W/kg

DUT: EB1083; Type: Bar

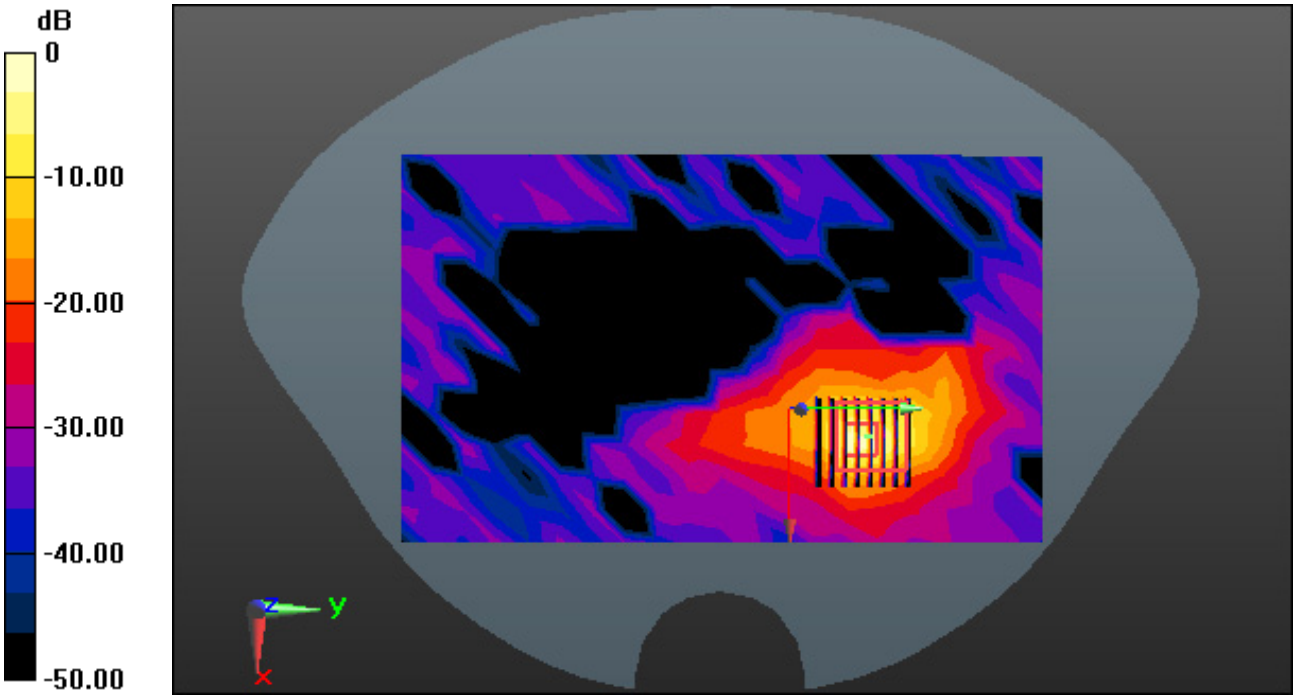
Communication System: UID 0, W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5290 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5290 MHz; σ = 4.863 S/m; ε_r = 35.799; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(5.39, 5.39, 5.39); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-09-23; Ambient Temp: 20.8; Tissue Temp: 20.7

Touch from Body, Rear, WLAN(802.11ac VHT80) Ch. 58, Ant Internal

Area Scan (13x21x1): 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 = 0.11 dB
Peak SAR (extrapolated) = 8.00 W/kg
SAR(1 g) = 1.53 W/kg; SAR(10 g) = 0.348 W/kg



0 dB = 4.32 W/kg

DUT: EB1083; Type: Bar

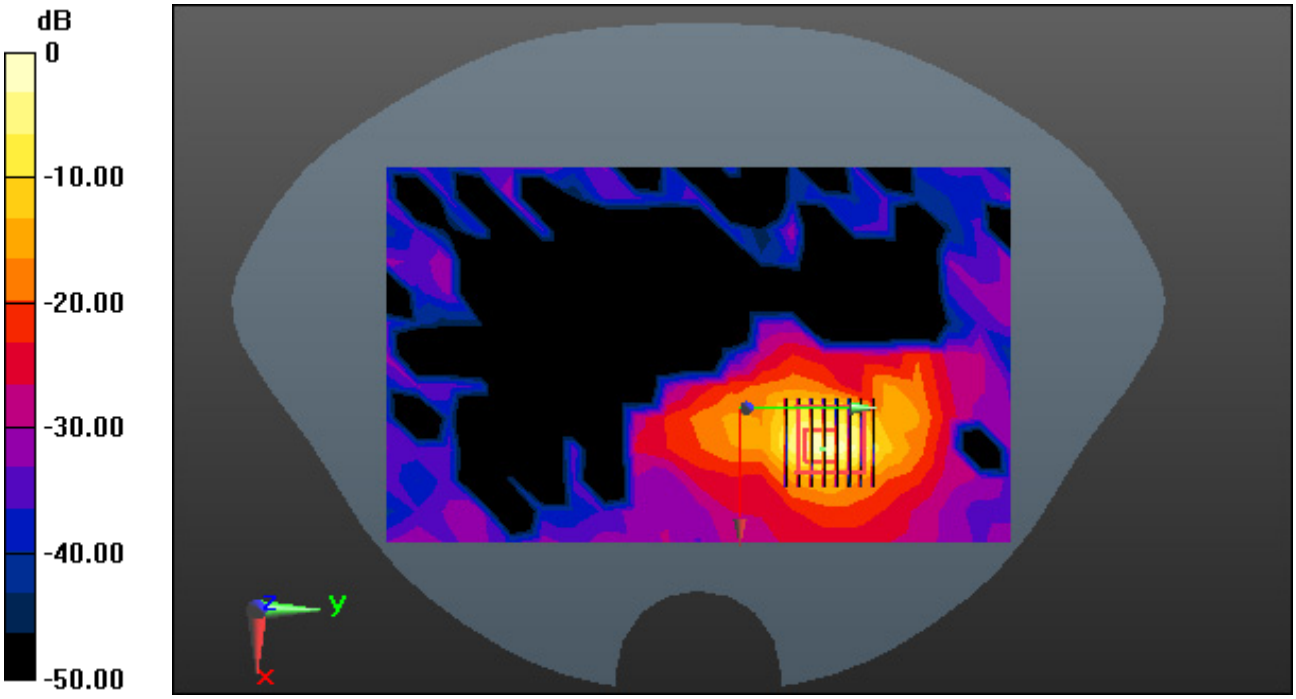
Communication System: UID 0, W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5610 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5610 MHz; σ = 5.073 S/m; ε_r = 34.745; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(4.84, 4.84, 4.84); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-09-26; Ambient Temp: 20.8; Tissue Temp: 20.9

Touch from Body, Rear, WLAN(802.11ac VHT80) Ch. 122, Ant Internal

Area Scan (13x21x1): 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 = 0.12 dB
Peak SAR (extrapolated) = 9.82 W/kg
SAR(1 g) = 1.81 W/kg; SAR(10 g) = 0.447 W/kg



0 dB = 5.10 W/kg

DUT: EB1083; Type: Bar

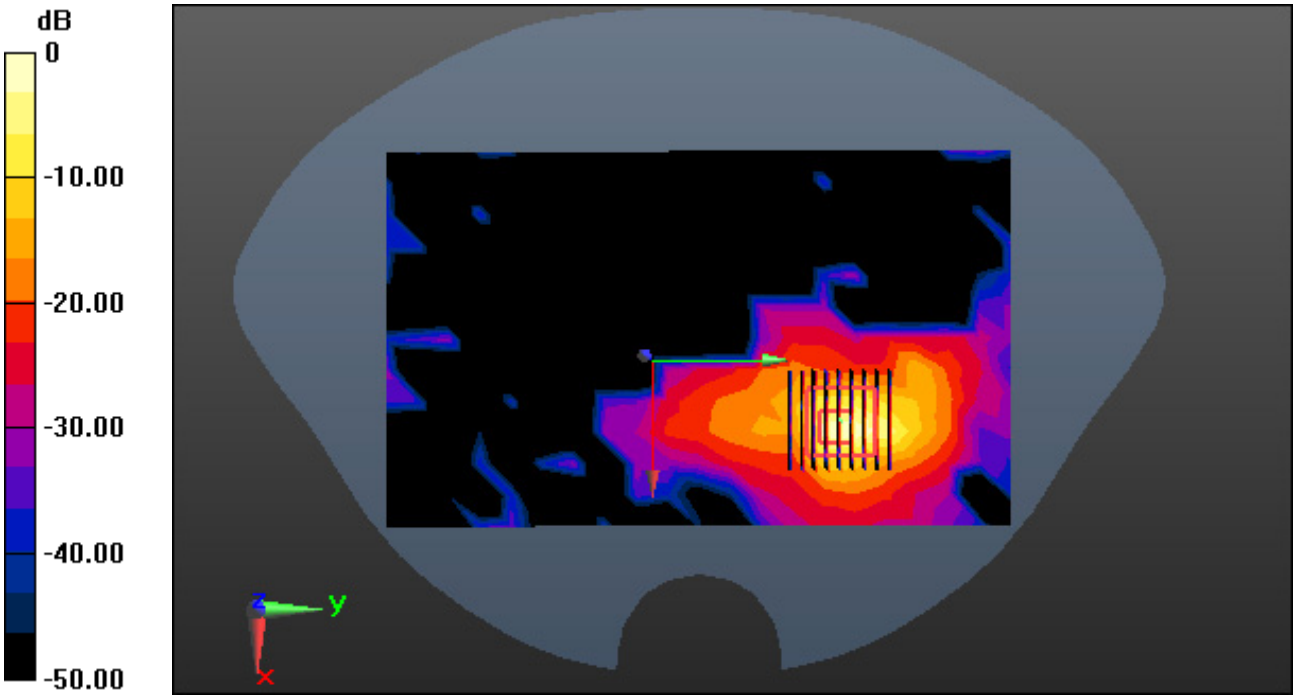
Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5775 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5775 MHz; σ = 5.232 S/m; ε_r = 34.437; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(5.03, 5.03, 5.03); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-09-27; Ambient Temp: 20.7; Tissue Temp: 20.4

Touch from Body, Rear, WLAN(802.11ac VHT80) Ch. 155, Ant Internal

Area Scan (13x21x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = 0.16 dB
Peak SAR (extrapolated) = 9.28 W/kg
SAR(1 g) = 1.63 W/kg; SAR(10 g) = 0.392 W/kg



0 dB = 4.28 W/kg