Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab Date: 11/2/2018

LTE Band 2-Body

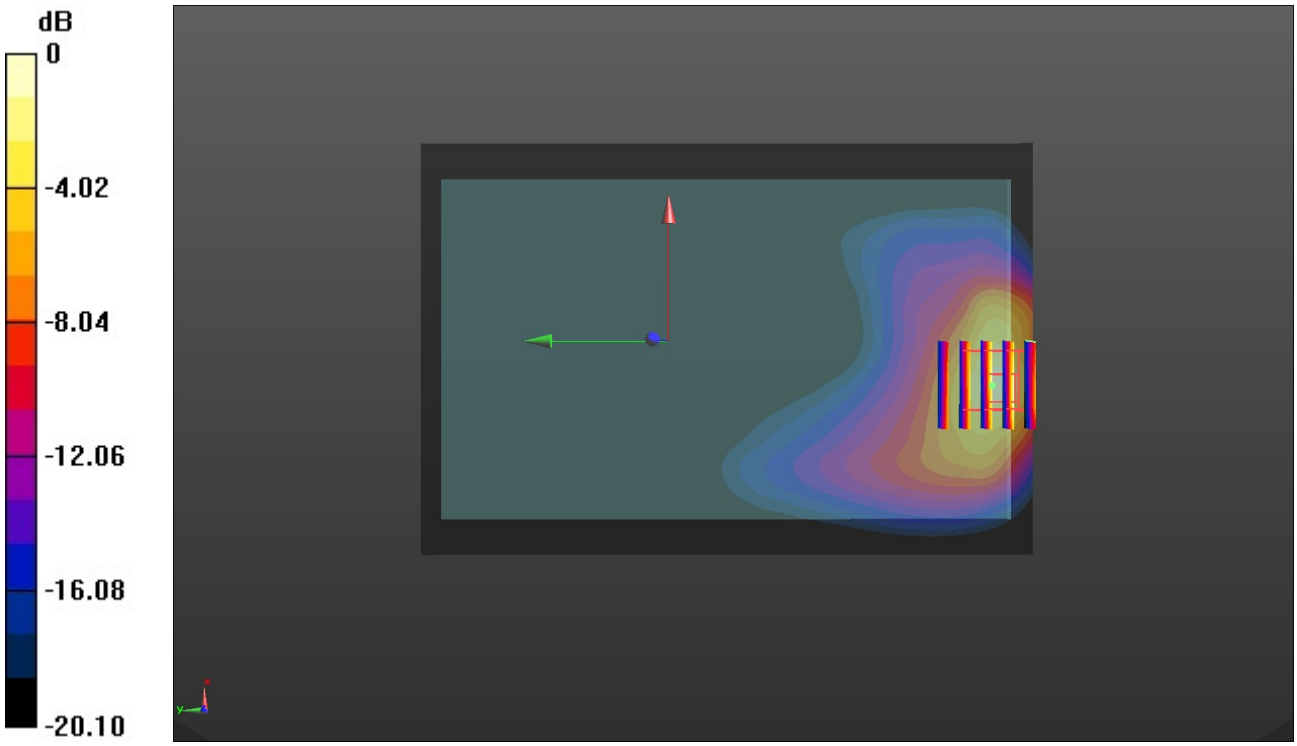
Communication System: UID 0, Generic LTE-FDD (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.539 S/m; ε_r = 53.741; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.3°C;Liquid Temperature:22.1°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.42, 8.42, 8.42) @ 1880 MHz; Calibrated: 2/26/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/25/2018
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Rear/CH 18900/Area Scan (101x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.14 W/kg

Rear/CH 18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.707 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.93 W/kg
SAR(1 g) = 0.732 W/kg; SAR(10 g) = 0.395 W/kg
Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg = 10.72 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab Date: 11/5/2018

LTE Band 4-Head

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.363 S/m; ε_r = 41.972; ρ = 1000 kg/m^3

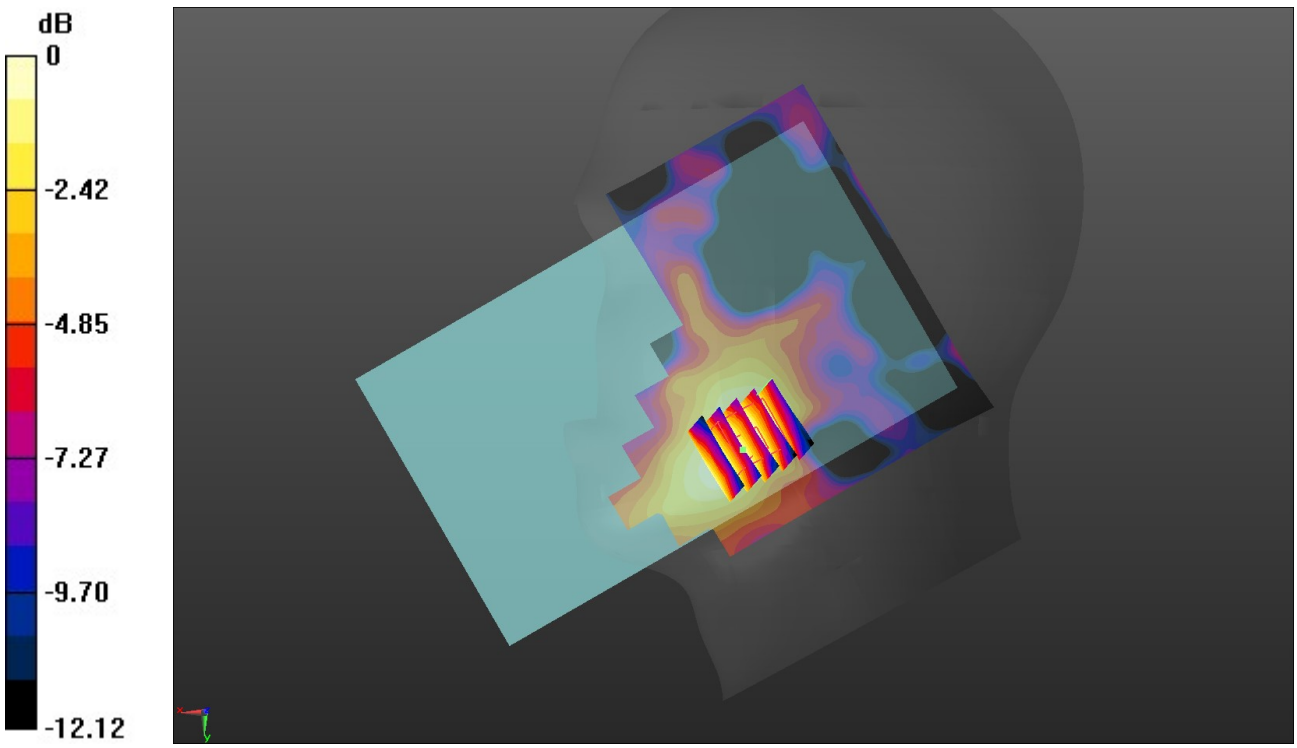
Phantom section: Right Section
Ambient Temperature:22.6℃;Liquid Temperature:22.3℃;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(9.23, 9.23, 9.23) @ 1732.5 MHz; Calibrated: 2/26/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/25/2018
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Right Cheek Touch/CH 20175/Area Scan (101x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0341 W/kg

Right Cheek Touch/CH 20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.1670 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.0320 W/kg
SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.016 W/kg
Maximum value of SAR (measured) = 0.0287 W/kg



0 dB = 0.0287 W/kg = -15.42 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab Date: 11/5/2018

LTE Band 4-Body

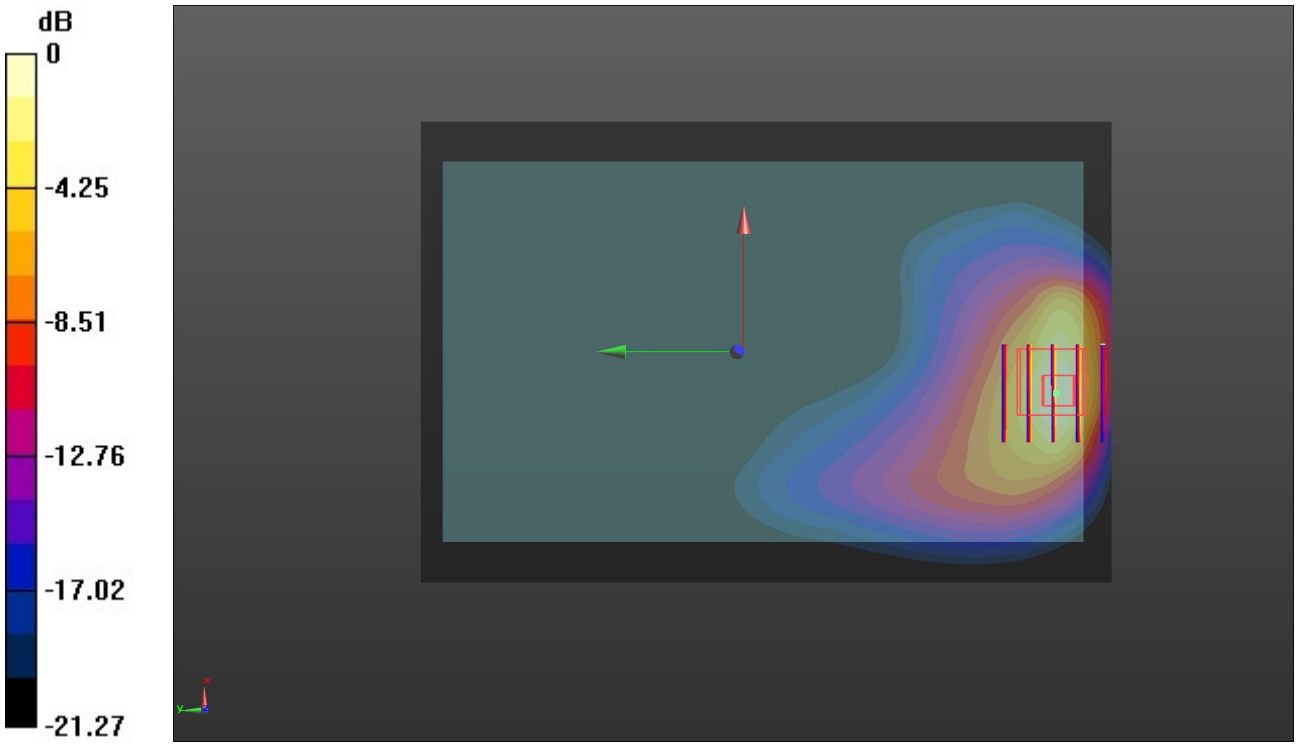
Communication System: UID 0, Generic LTE-FDD (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.43 S/m; ε_r = 53.892; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.6℃;Liquid Temperature:22.3℃;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.77, 8.77, 8.77) @ 1732.5 MHz; Calibrated: 2/26/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/25/2018
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Rear/CH 20175/Area Scan (101x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.957 W/kg

Rear/CH 20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.851 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 0.678 W/kg; SAR(10 g) = 0.424 W/kg
Maximum value of SAR (measured) = 0.962 W/kg



0 dB = 0.962 W/kg = 8.57 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab Date: 11/7/2018

LTE Band 7-Head

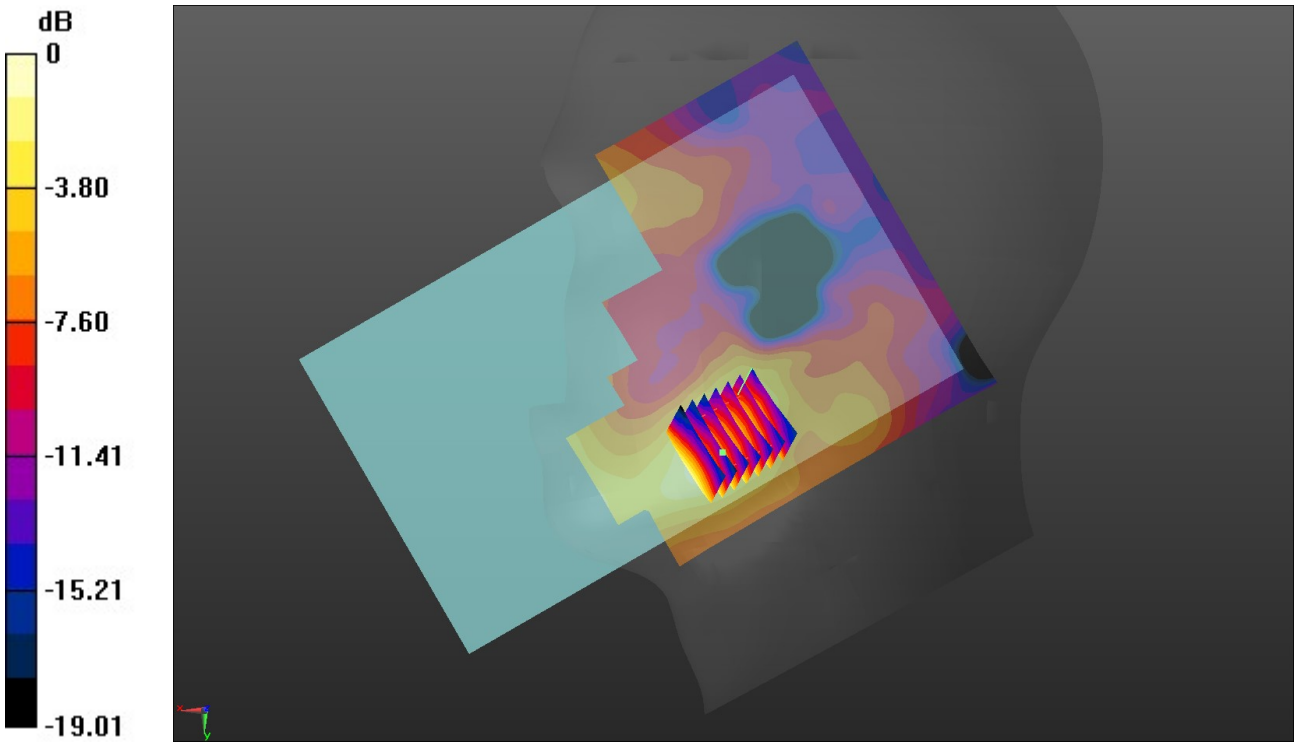
Communication System: UID 0, Generic LTE-FDD (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 1.914 S/m; ε_r = 40.778; ρ = 1000 kg/m^3
Phantom section: Right Section
Ambient Temperature:22.6°C;Liquid Temperature:22.3°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(7.92, 7.92, 7.92) @ 2535 MHz; Calibrated: 2/26/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/25/2018
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Right Cheek Touch/CH 21100/Area Scan (121x191x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.166 W/kg

Right Cheek Touch/CH 21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.066 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.178 W/kg
SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.065 W/kg
Maximum value of SAR (measured) = 0.156 W/kg



0 dB = 0.156 W/kg = -8.07 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab Date: 11/7/2018

LTE Band 7-Body

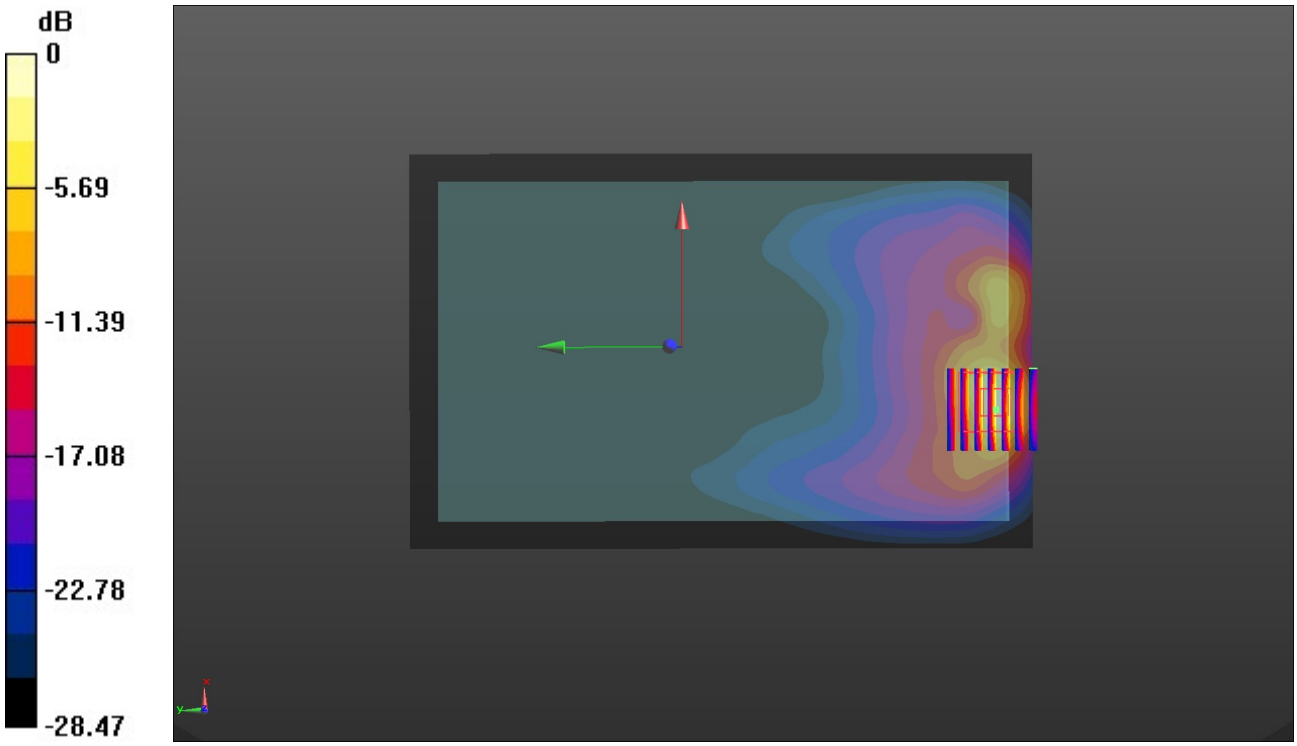
Communication System: UID 0, Generic LTE-FDD (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 2.082 S/m; ε_r = 52.884; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.7°C;Liquid Temperature:22.3°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(7.51, 7.51, 7.51) @ 2535 MHz; Calibrated: 2/26/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/25/2018
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Rear/CH 21100/Area Scan (121x191x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.14 W/kg

Rear/CH 21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.019 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 2.10 W/kg
SAR(1 g) = 0.713 W/kg; SAR(10 g) = 0.381 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 14.91 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab Date: 11/8/2018

LTE Band 17-Head

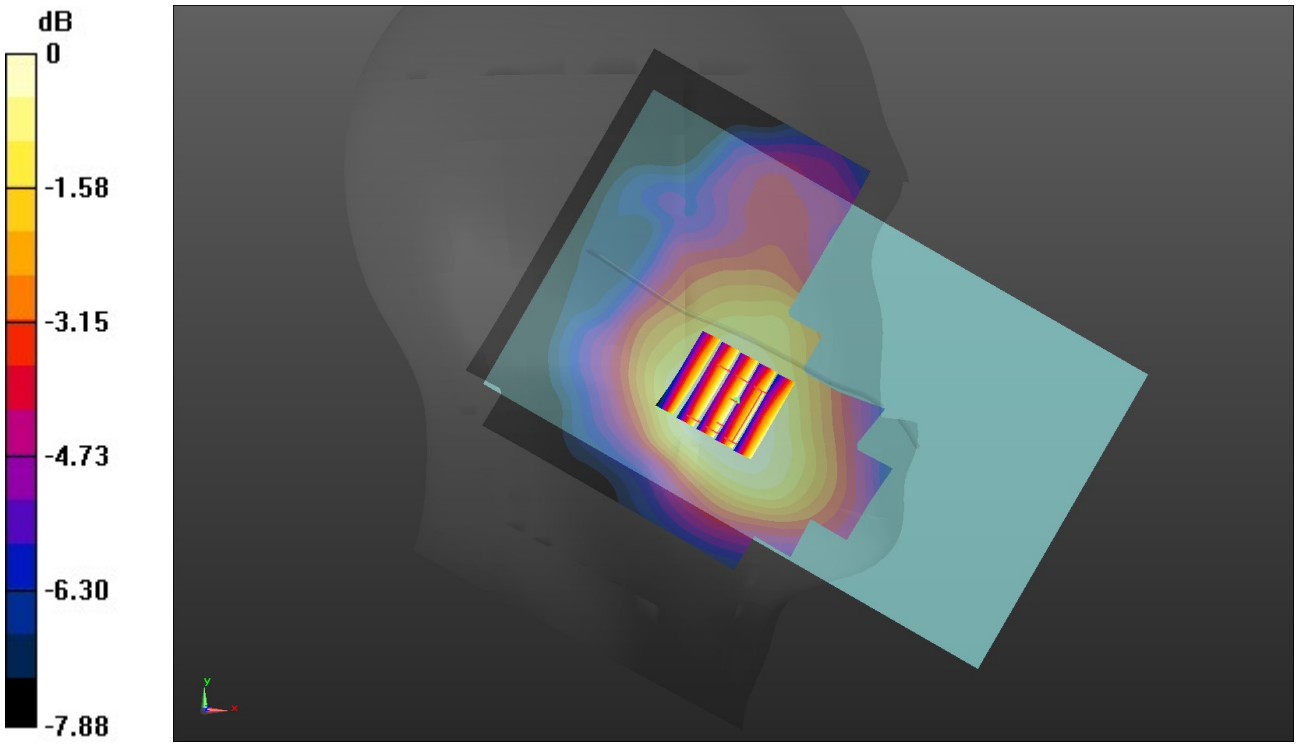
Communication System: UID 0, Generic LTE-FDD (0); Frequency: 710 MHz;Duty Cycle: 1:1
Medium parameters used: f = 710 MHz; σ = 0.883 S/m; ε_r = 44.334; ρ = 1000 kg/m^3
Phantom section: Left Section
Ambient Temperature:22.7°C;Liquid Temperature:22.3°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(11.02, 11.02, 11.02) @ 710 MHz; Calibrated: 2/26/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/25/2018
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Left Touch Cheek/CH 23790/Area Scan (101x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0296 W/kg

Left Touch Cheek/CH 23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.403 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.0310 W/kg
SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.019 W/kg
Maximum value of SAR (measured) = 0.0286 W/kg



0 dB = 0.0286 W/kg = -15.44 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab Date: 11/8/2018

LTE Band 17-Body

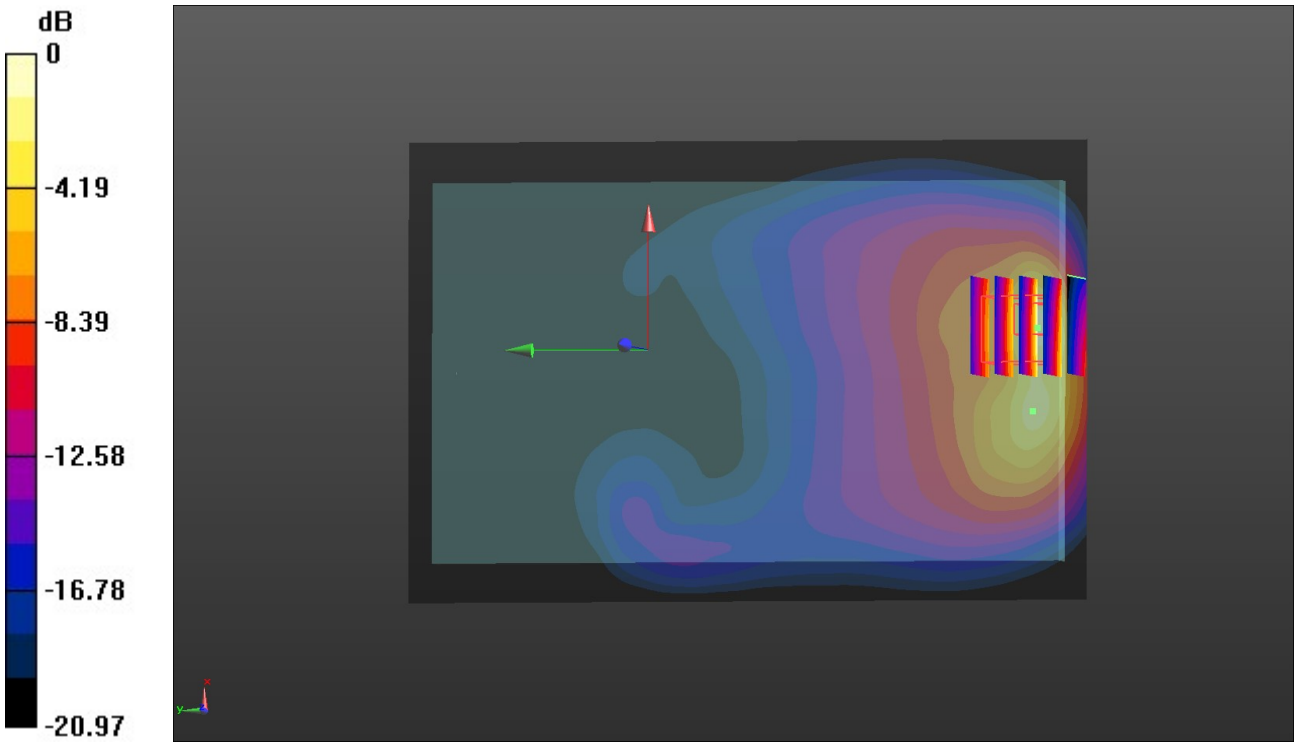
Communication System: UID 0, Generic LTE-FDD (0); Frequency: 710 MHz;Duty Cycle: 1:1
Medium parameters used: f = 710 MHz; σ = 0.919 S/m; ε_r = 55.736; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.5°C;Liquid Temperature:22.3°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.87, 10.87, 10.87) @ 710 MHz; Calibrated: 2/26/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/25/2018
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Rear/CH 23790/Area Scan (101x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.14 W/kg

Rear/CH 23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.21 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.94 W/kg
SAR(1 g) = 0.726 W/kg; SAR(10 g) = 0.373 W/kg
Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg = 7.90 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab Date: 11/6/2018

WIFI 2.4G-Head

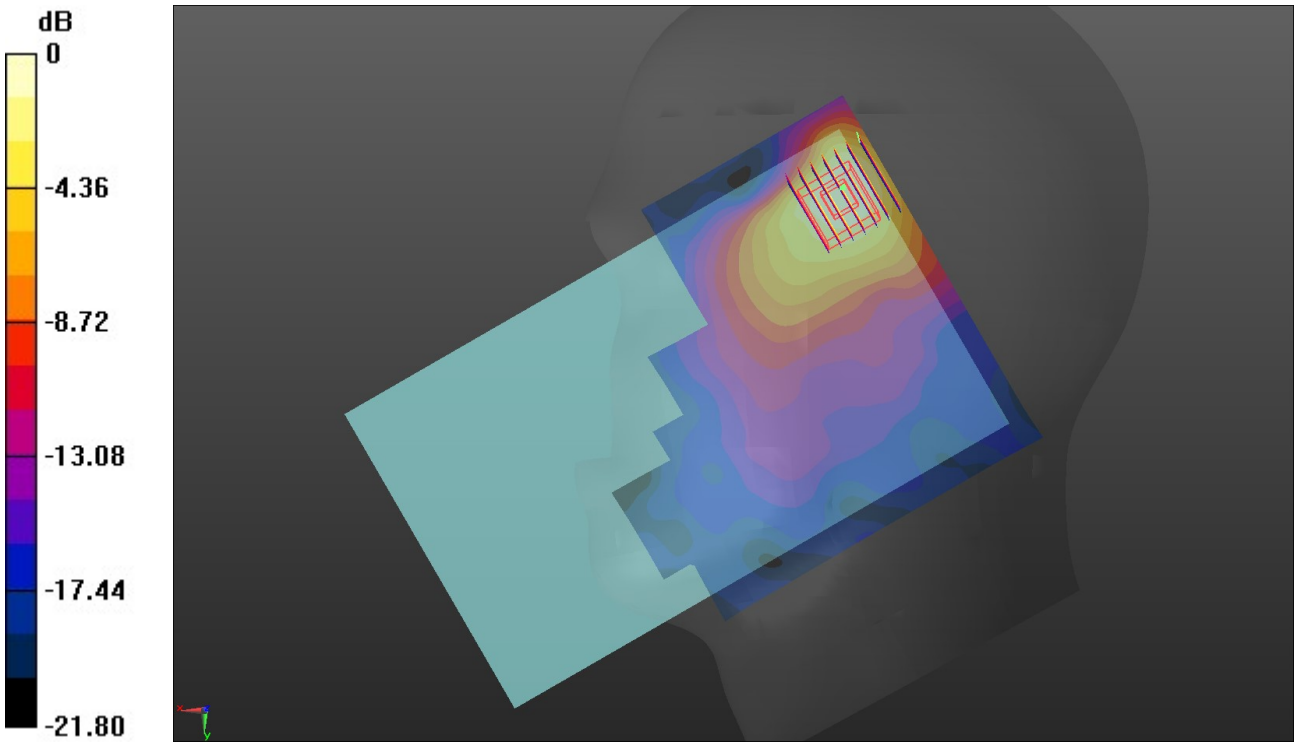
Communication System: UID 0, Generic WIFI (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.818 S/m; ε_r = 41.03; ρ = 1000 kg/m^3
Phantom section: Right Section
Ambient Temperature:22.7°C;Liquid Temperature:22.3°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.27, 8.27, 8.27) @ 2412 MHz; Calibrated: 2/26/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/25/2018
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Right Cheek Touch/CH 1/Area Scan (121x191x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.519 W/kg

Right Cheek Touch/CH 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.011 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.586 W/kg
SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.146 W/kg
Maximum value of SAR (measured) = 0.458 W/kg



0 dB = 0.458 W/kg = -3.39 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab Date: 11/6/2018

WIFI 2.4G-Body

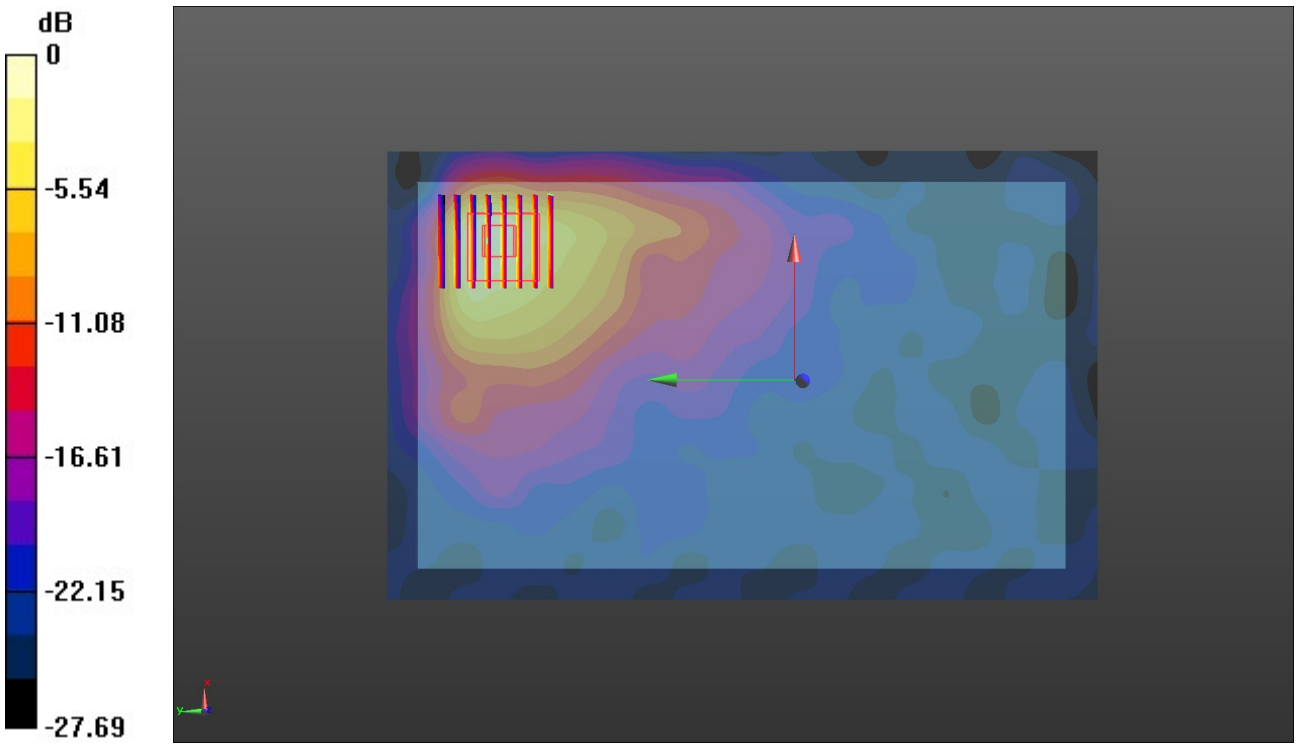
Communication System: UID 0, Generic WIFI (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.966 S/m; ε_r = 53.058; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.7°C;Liquid Temperature:22.3°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.08, 8.08, 8.08) @ 2412 MHz; Calibrated: 2/26/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/25/2018
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Rear/CH 1/Area Scan (121x191x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.687 W/kg

Rear/CH 1/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.257 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.505 W/kg; SAR(10 g) = 0.257 W/kg
Maximum value of SAR (measured) = 0.693 W/kg



0 dB = 0.693 W/kg = 1.55 dBW/kg