Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab Date: 3/6/2019

WIFI 2.4G-Head

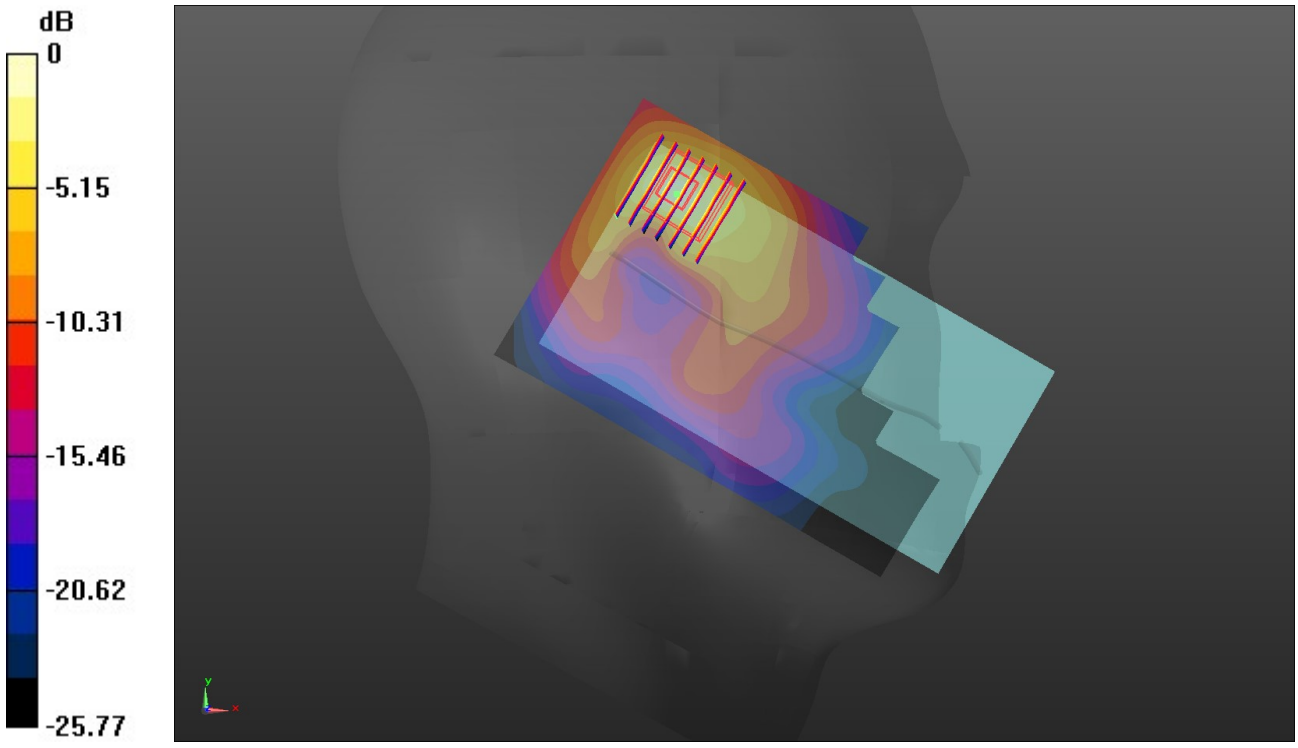
Communication System: UID 0, Generic WIFI (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.829 S/m; ε_r = 41.002; ρ = 1000 kg/m^3
Phantom section: Left Section
Ambient Temperature:23.0°C;Liquid Temperature:22.7°C;

DASY Configuration:

- Probe: EX3DV4 - SN7375; ConvF(7.64, 7.64, 7.64) @ 2437 MHz; Calibrated: 12/13/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 4/18/2018
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Left Touch Cheek/CH 6/Area Scan (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.621 W/kg

Left Touch Cheek/CH 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.790 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.515 W/kg; SAR(10 g) = 0.208 W/kg
Maximum value of SAR (measured) = 0.688 W/kg



0 dB = 0.688 W/kg = -1.62 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab Date: 3/6/2019

WIFI 2.4G-Body

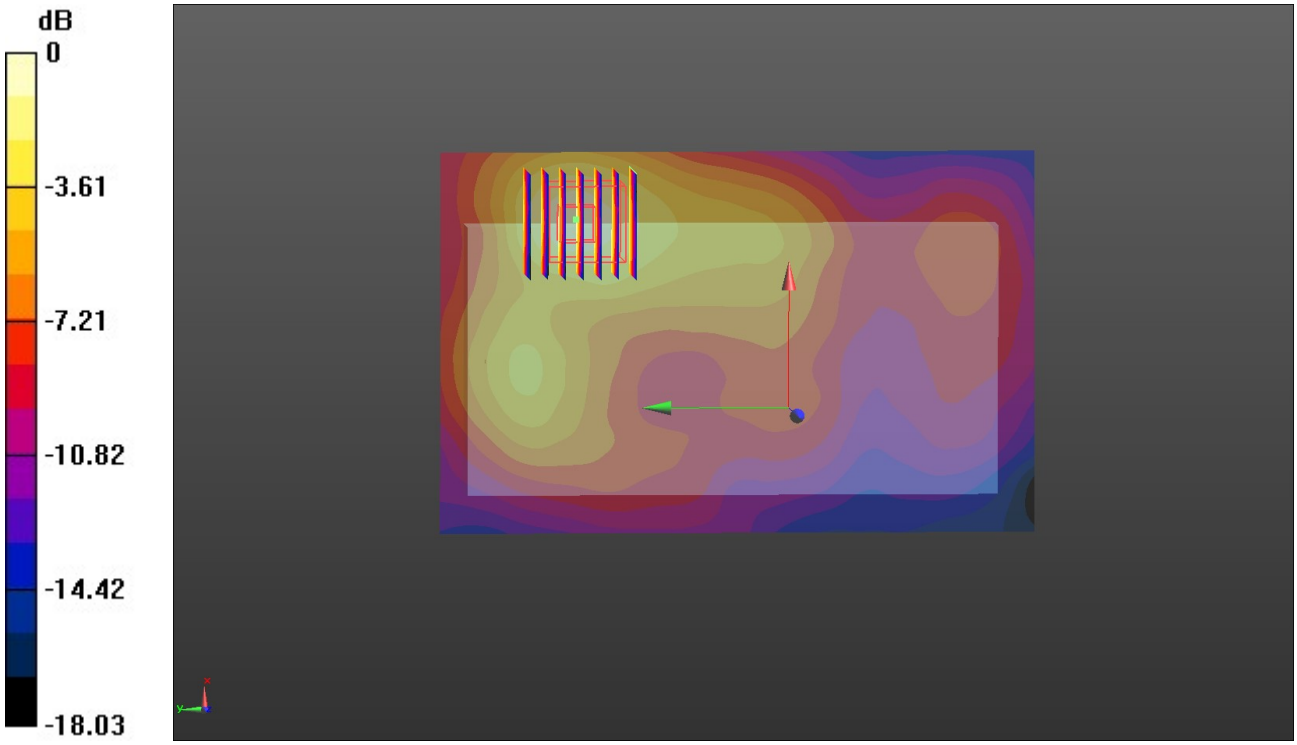
Communication System: UID 0, Generic WIFI (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.991 S/m; ε_r = 53.023; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.9℃;Liquid Temperature:22.6℃;

DASY Configuration:

- Probe: EX3DV4 - SN7375; ConvF(7.81, 7.81, 7.81) @ 2437 MHz; Calibrated: 12/13/2018
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 4/18/2018
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Front/CH 6/Area Scan (91x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.127 W/kg

Front/CH 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.332 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.189 W/kg
SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.054 W/kg
Maximum value of SAR (measured) = 0.129 W/kg



0 dB = 0.129 W/kg = -8.89 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab Date: 3/8/2019

WIFI 5G Band 1-Head

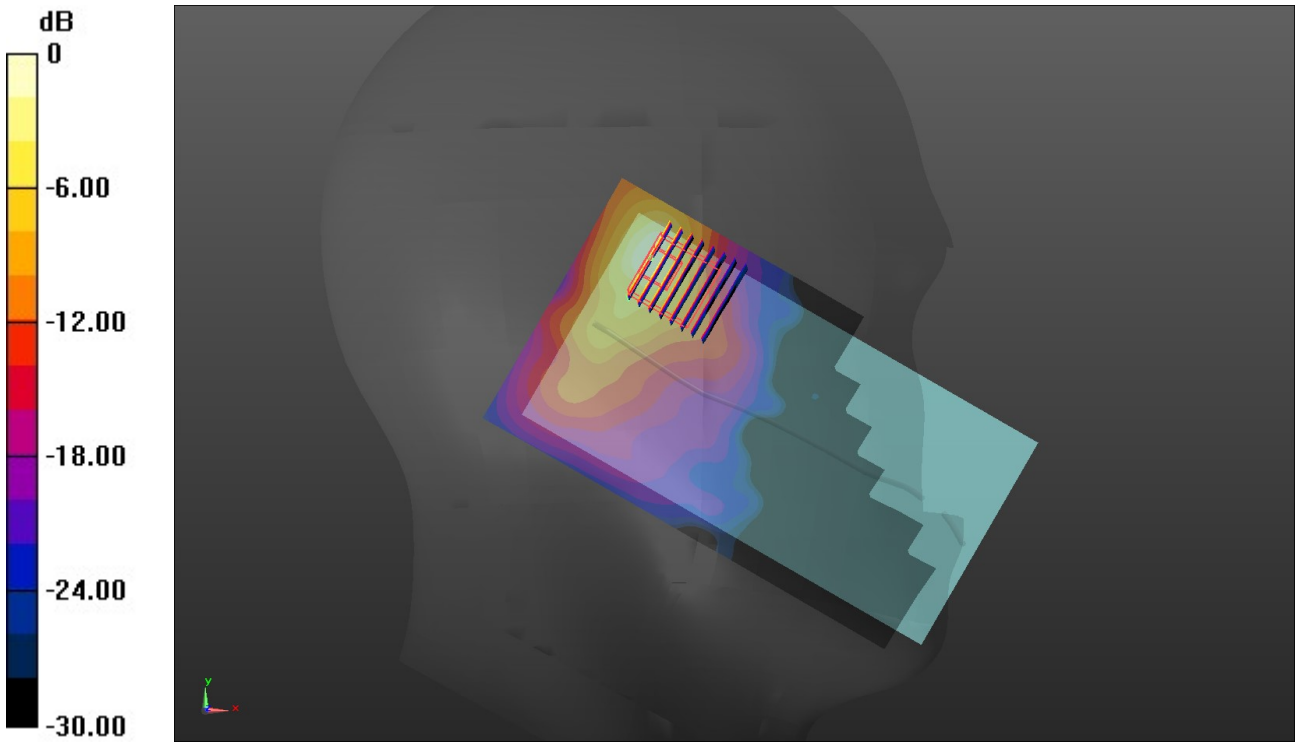
Communication System: UID 0, Generic WIFI (0); Frequency: 5230 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5230 MHz; σ = 4.549 S/m; ε_r = 36.17; ρ = 1000 kg/m^3
Phantom section: Left Section
Ambient Temperature:22.7℃;Liquid Temperature:22.3℃;

DASY Configuration:

- Probe: EX3DV4 - SN7375; ConvF(5.29, 5.29, 5.29) @ 5230 MHz; Calibrated: 12/13/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 4/18/2018
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Left Touch Cheek/CH 46/Area Scan (91x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 3.30 W/kg

Left Touch Cheek/CH 46/Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 15.05 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 5.61 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.282 W/kg
Maximum value of SAR (measured) = 3.44 W/kg



0 dB = 3.44 W/kg = 5.37 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab Date: 3/9/2019

WIFI 5G Band 1-Body

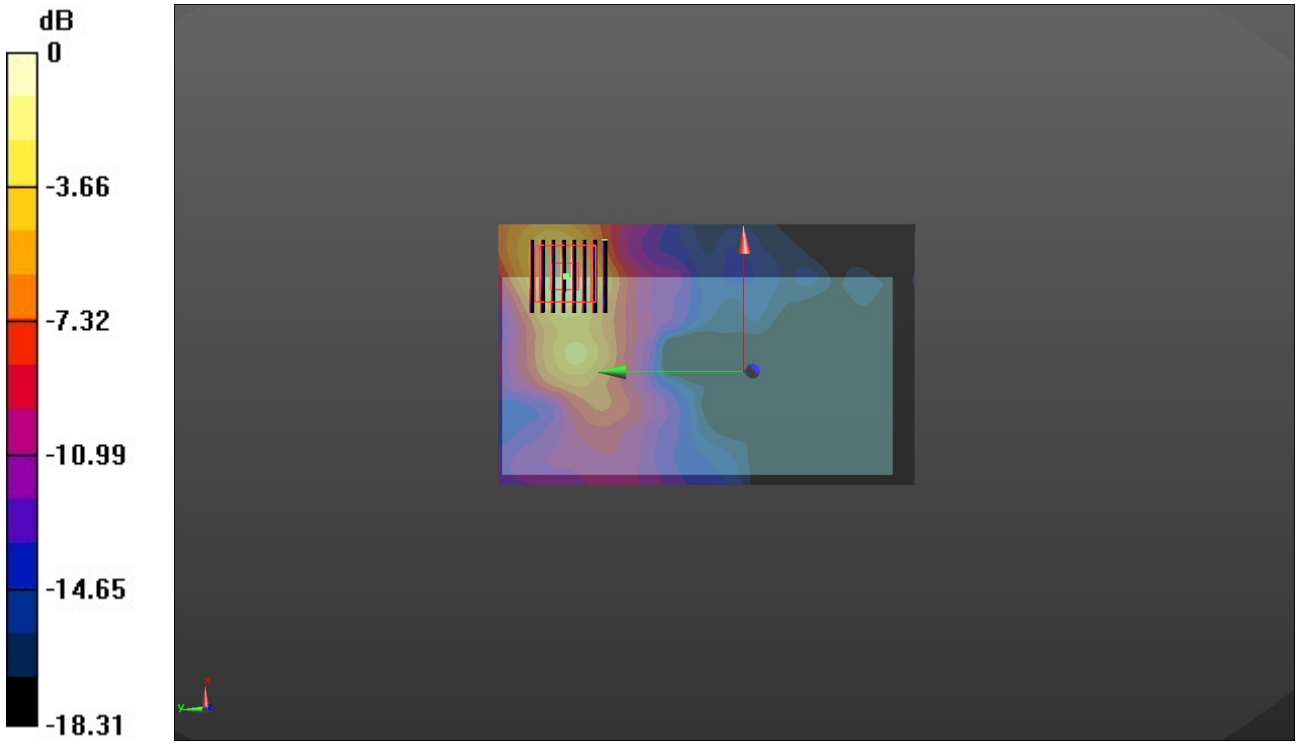
Communication System: UID 0, Generic WIFI (0); Frequency: 5230 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5230 MHz; σ = 5.427 S/m; ε_r = 48.08; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.8℃;Liquid Temperature:22.3℃;

DASY Configuration:

- Probe: EX3DV4 - SN7375; ConvF(4.65, 4.65, 4.65) @ 5230 MHz; Calibrated: 12/13/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 4/18/2018
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Front/CH 46/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.857 W/kg

Front/CH 46/Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.559 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.383 W/kg; SAR(10 g) = 0.144 W/kg
Maximum value of SAR (measured) = 0.835 W/kg



0 dB = 0.835 W/kg = -0.78 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab Date: 3/8/2019

WIFI 5G Band 2a-Head

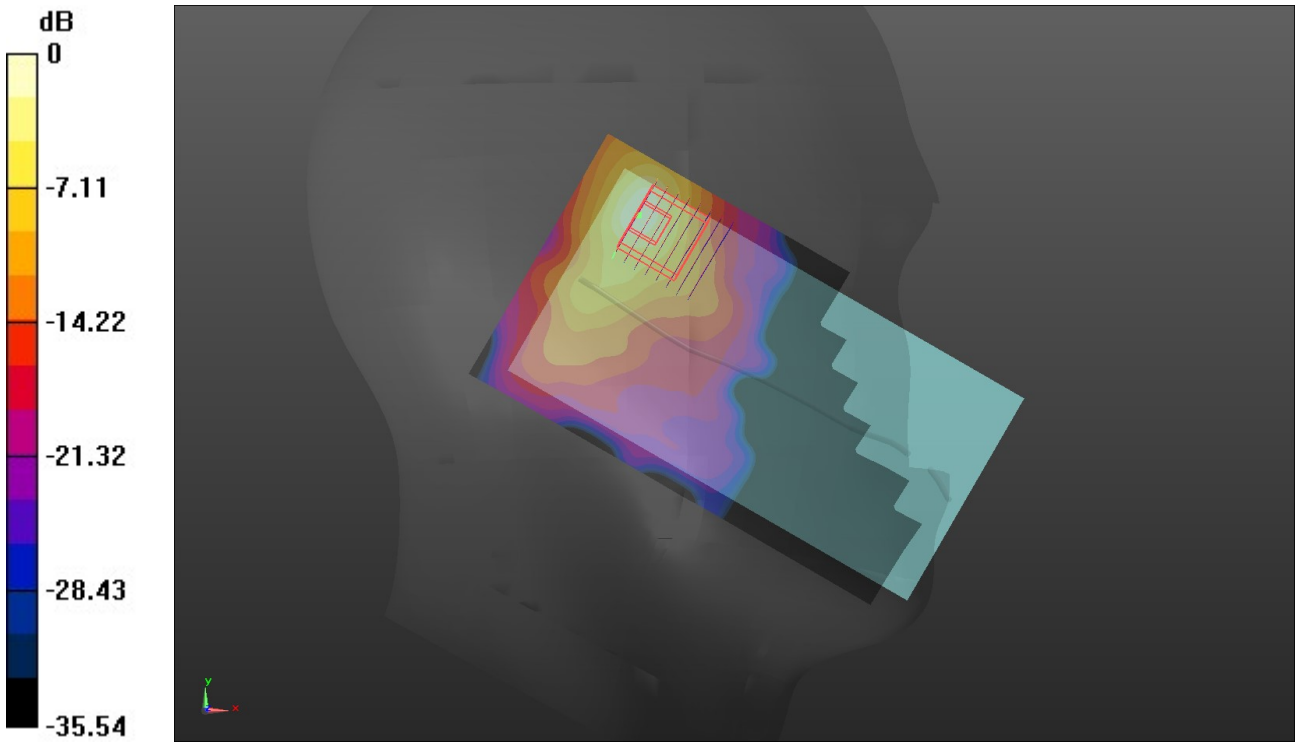
Communication System: UID 0, Generic WIFI (0); Frequency: 5290 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5290 MHz; σ = 4.626 S/m; ε_r = 36.089; ρ = 1000 kg/m^3
Phantom section: Left Section
Ambient Temperature:23.0°C;Liquid Temperature:22.8°C;

DASY Configuration:

- Probe: EX3DV4 - SN7375; ConvF(5.29, 5.29, 5.29) @ 5290 MHz; Calibrated: 12/13/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 4/18/2018
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Left Touch Cheek/CH 58/Area Scan (91x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 3.89 W/kg

Left Touch Cheek/CH 58/Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 13.04 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 6.57 W/kg
SAR(1 g) = 1.32 W/kg; SAR(10 g) = 0.352 W/kg
Maximum value of SAR (measured) = 4.01 W/kg



0 dB = 4.01 W/kg = 6.03 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab Date: 3/9/2019

WIFI 5G Band 2a-Body

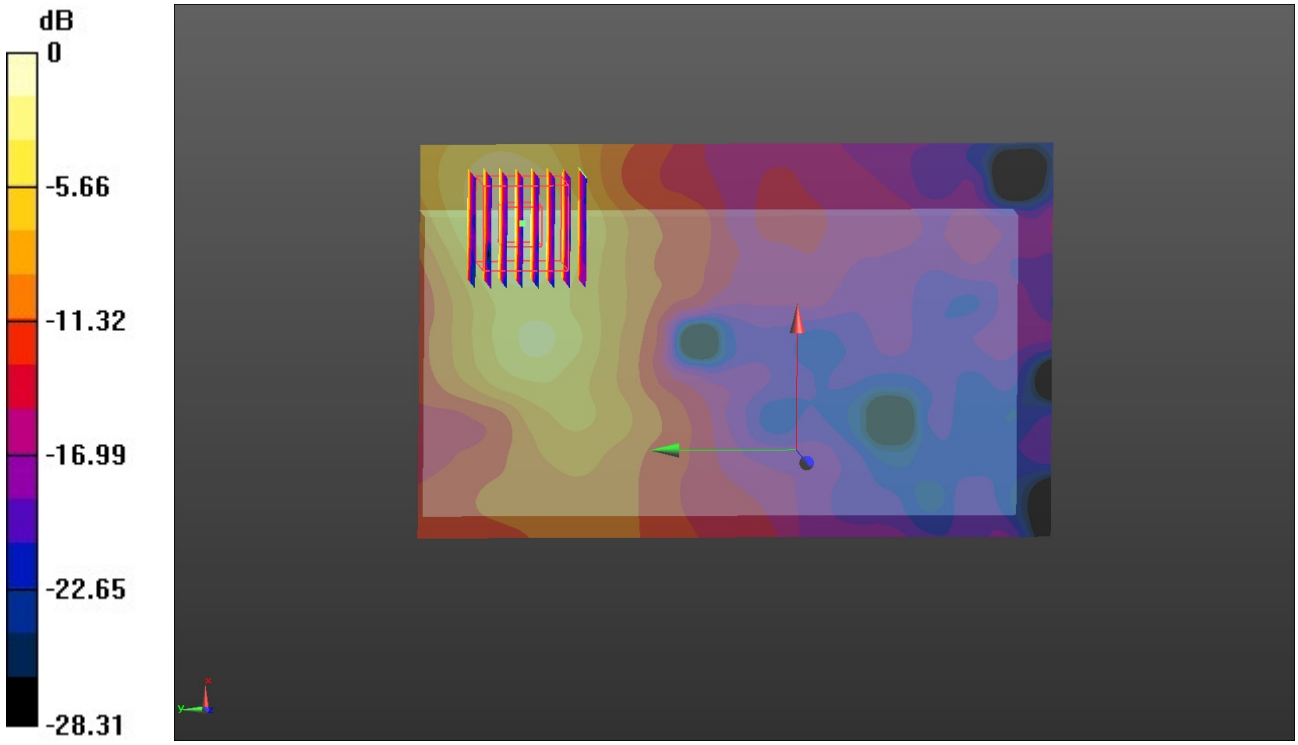
Communication System: UID 0, Generic WIFI (0); Frequency: 5290 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5290 MHz; σ = 5.504 S/m; ε_r = 47.933; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.8℃;Liquid Temperature:22.5℃;

DASY Configuration:

- Probe: EX3DV4 - SN7375; ConvF(4.65, 4.65, 4.65) @ 5290 MHz; Calibrated: 12/13/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 4/18/2018
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Front/CH 58/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.886 W/kg

Front/CH 58/Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.575 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.149 W/kg
Maximum value of SAR (measured) = 0.863 W/kg



0 dB = 0.863 W/kg = -0.64 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab Date: 3/8/2019

WIFI 5G Band 2c-Head

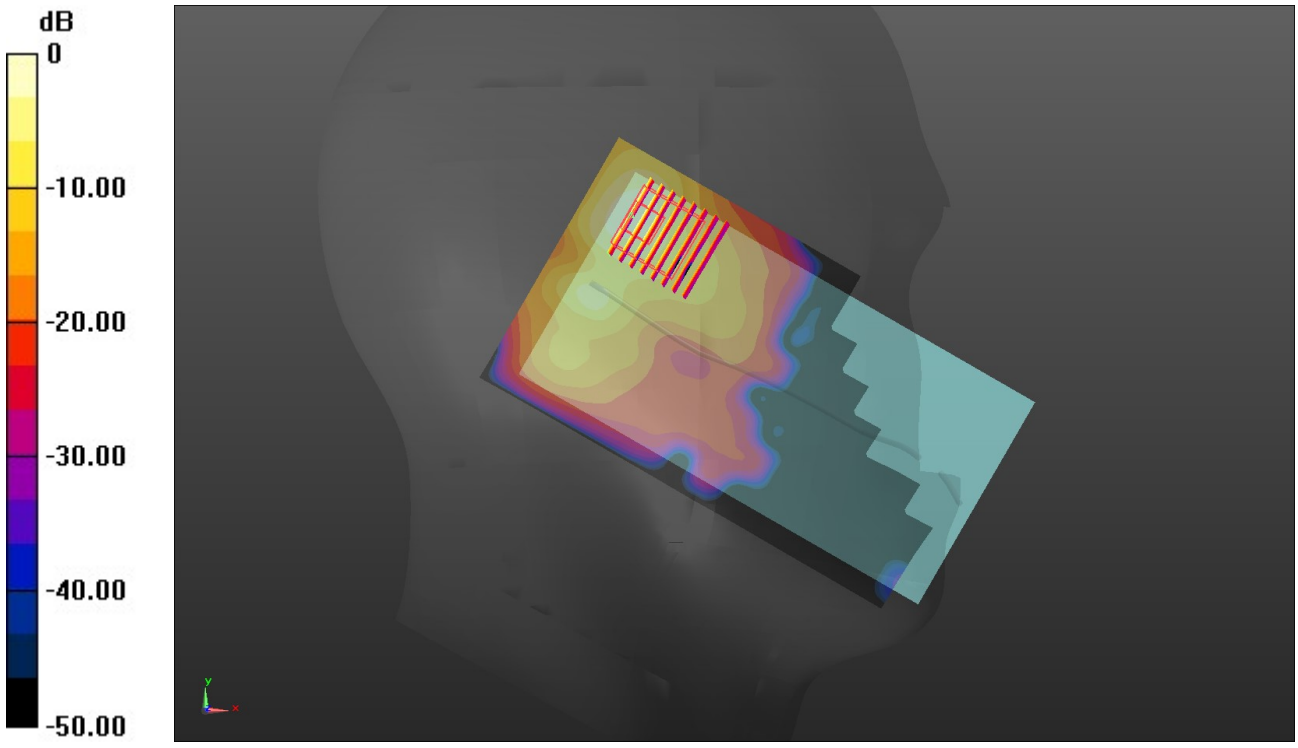
Communication System: UID 0, Generic WIFI (0); Frequency: 5530 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5530 MHz; σ = 4.882 S/m; ε_r = 35.651; ρ = 1000 kg/m^3
Phantom section: Left Section
Ambient Temperature:22.9℃;Liquid Temperature:22.6℃;

DASY Configuration:

- Probe: EX3DV4 - SN7375; ConvF(4.69, 4.69, 4.69) @ 5530 MHz; Calibrated: 12/13/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 4/18/2018
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Left Touch Cheek/CH 106/Area Scan (91x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 3.01 W/kg

Left Touch Cheek/CH 106/Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 16.66 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 6.01 W/kg
SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.319 W/kg
Maximum value of SAR (measured) = 3.53 W/kg



0 dB = 3.53 W/kg = 5.48 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab Date: 3/9/2019

WIFI 5G Band 2c-Body

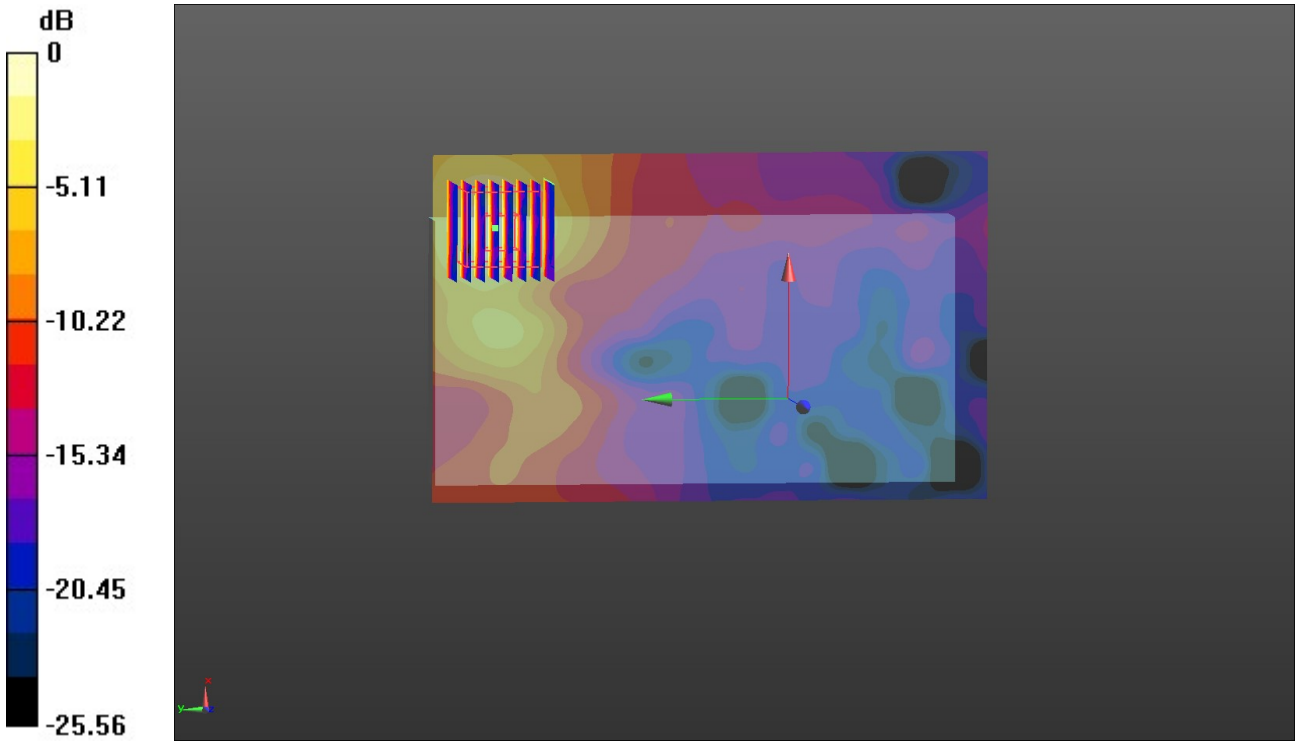
Communication System: UID 0, Generic WIFI (0); Frequency: 5530 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5530 MHz; σ = 5.86 S/m; ε_r = 47.468; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.9℃;Liquid Temperature:22.6℃;

DASY Configuration:

- Probe: EX3DV4 - SN7375; ConvF(4, 4, 4) @ 5530 MHz; Calibrated: 12/13/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 4/18/2018
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Front/CH 106/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.845 W/kg

Front/CH 106/Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.327 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.142 W/kg
Maximum value of SAR (measured) = 0.846 W/kg



0 dB = 0.846 W/kg = -0.73 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab Date: 3/8/2019

WIFI 5G Band 3-Head

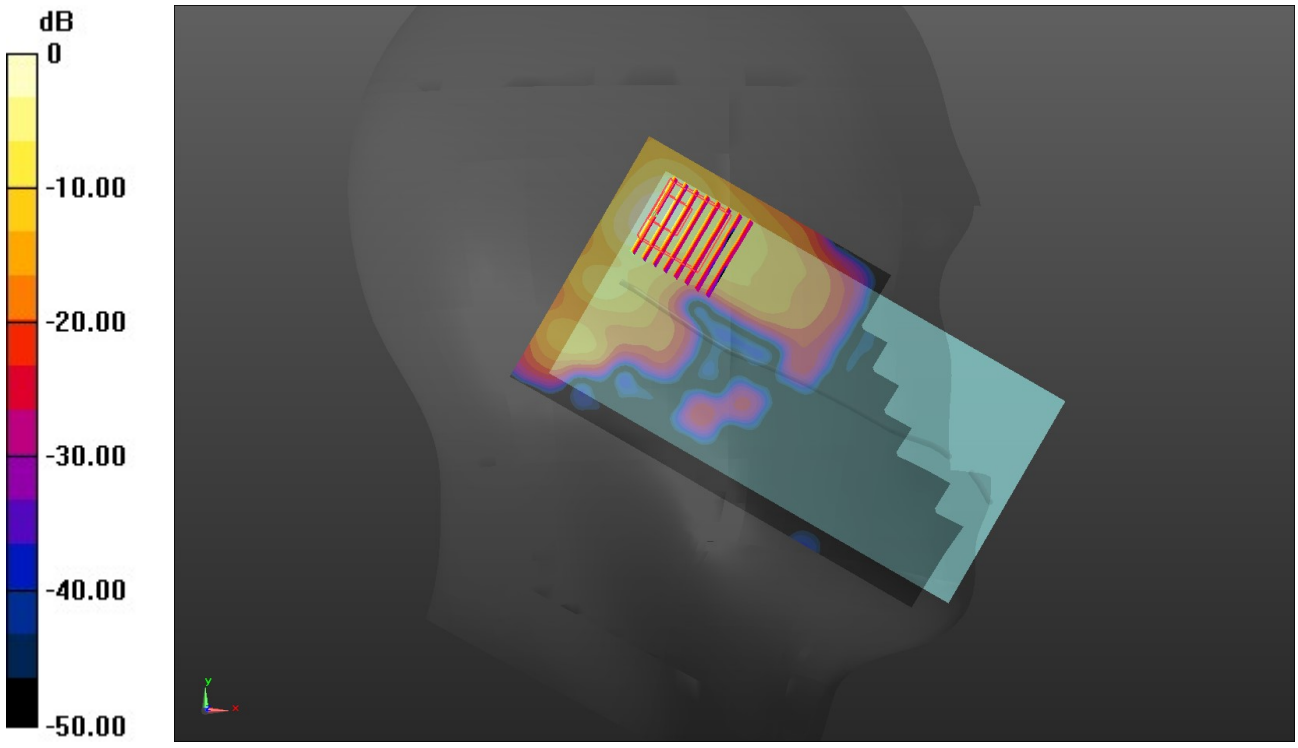
Communication System: UID 0, Generic WIFI (0); Frequency: 5775 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5775 MHz; σ = 5.18 S/m; ε_r = 35.207; ρ = 1000 kg/m^3
Phantom section: Left Section
Ambient Temperature:22.9℃;Liquid Temperature:22.6℃;

DASY Configuration:

- Probe: EX3DV4 - SN7375; ConvF(4.85, 4.85, 4.85) @ 5775 MHz; Calibrated: 12/13/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 4/18/2018
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Left Touch Cheek/CH 155/Area Scan (91x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.94 W/kg

Left Touch Cheek/CH 155/Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 10.94 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 6.77 W/kg
SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.274 W/kg
Maximum value of SAR (measured) = 3.53 W/kg



0 dB = 3.53 W/kg = 5.48 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab Date: 3/9/2019

WIFI 5G Band 3-Body

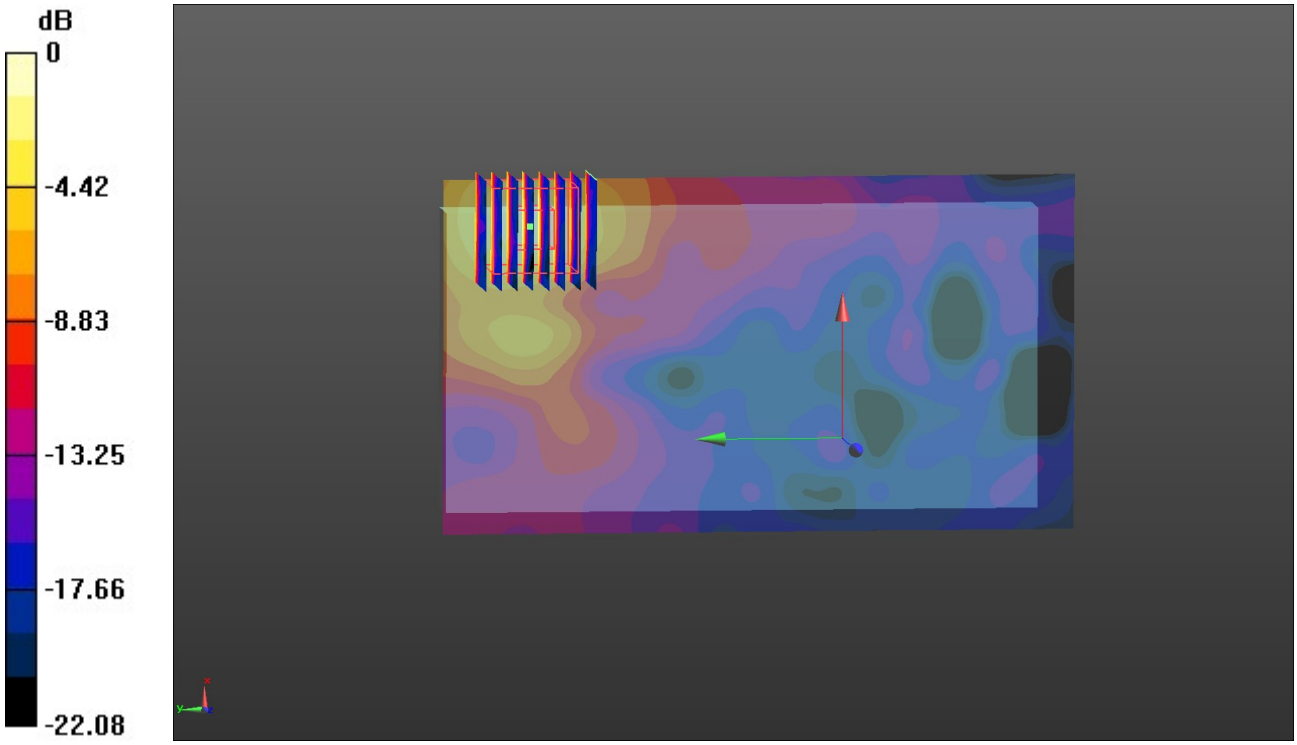
Communication System: UID 0, Generic WIFI (0); Frequency: 5775 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5775 MHz; σ = 5.971 S/m; ε_r = 48.234; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient Temperature:22.9℃;Liquid Temperature:22.6℃;

DASY Configuration:

- Probe: EX3DV4 - SN7375; ConvF(4.27, 4.27, 4.27) @ 5775 MHz; Calibrated: 12/13/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 4/18/2018
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Front/CH 155/Area Scan (91x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.577 W/kg

Front/CH 155/Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.055 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.093 W/kg
Maximum value of SAR (measured) = 0.571 W/kg



0 dB = 0.571 W/kg = -2.43 dBW/kg