

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 1/23/2019

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; $\sigma = 1.363$ S/m; $\epsilon_r = 40.972$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature:22.8°C;Liquid Temperature:22.5°C;

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 52.10.2(1495); SEMCAD X 14.6.12(7450)

Right Cheek Touch/CH 20175/Area Scan (61x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.180 W/kg

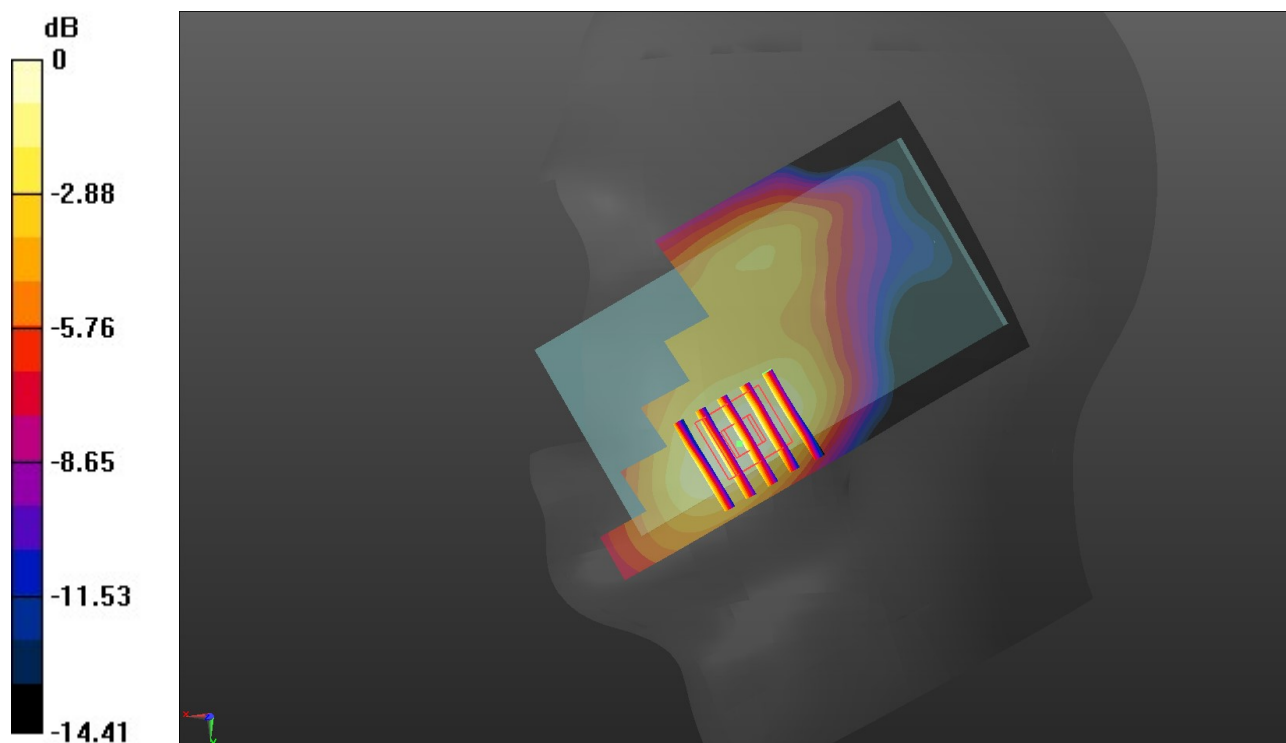
Right Cheek Touch/CH 20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.553 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.088 W/kg

Maximum value of SAR (measured) = 0.183 W/kg



0 dB = 0.183 W/kg = -7.38 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 1/23/2019

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; $\sigma = 1.43$ S/m; $\epsilon_r = 53.892$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.8°C;Liquid Temperature:22.6°C;

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 52.10.2(1495); SEMCAD X 14.6.12(7450)

Rear/CH 20175/Area Scan (61x111x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
 Maximum value of SAR (interpolated) = 0.391 W/kg

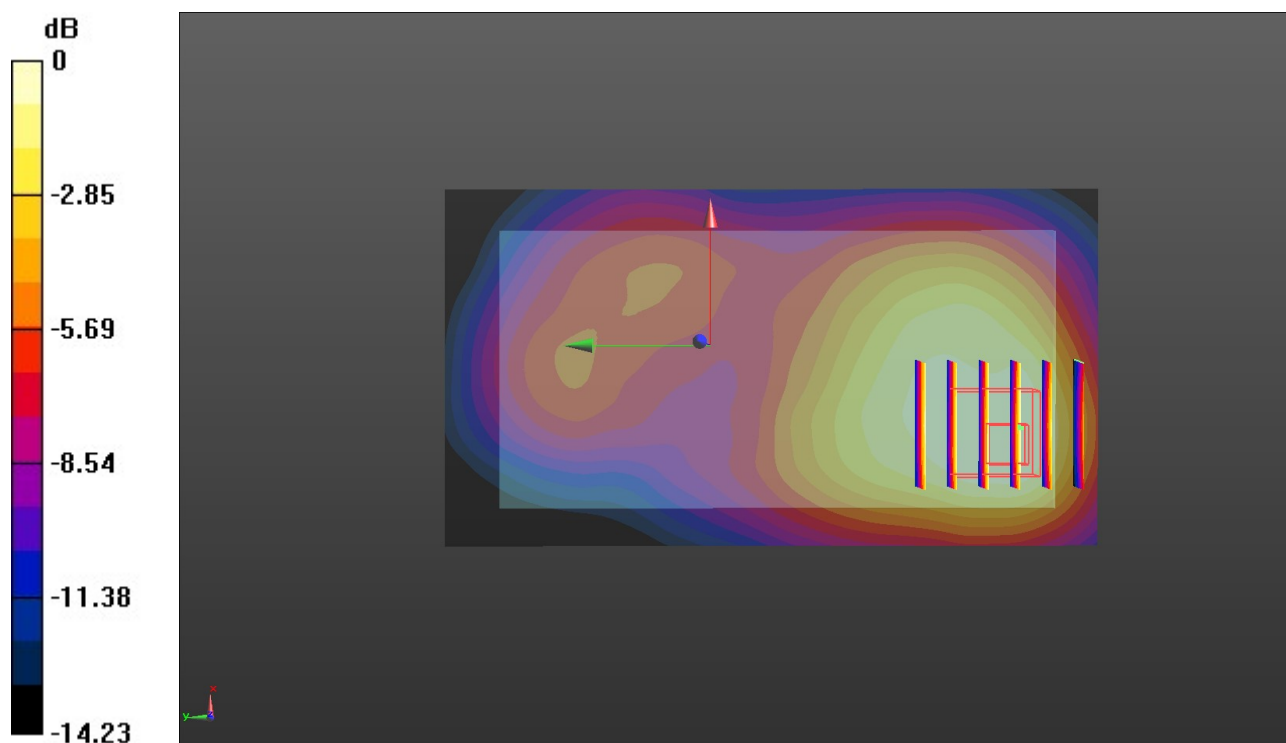
Rear/CH 20175/Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.778 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.466 W/kg

SAR(1 g) = 0.264 W/kg; SAR(10 g) = 0.165 W/kg

Maximum value of SAR (measured) = 0.370 W/kg



0 dB = 0.370 W/kg = -4.32 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 1/21/2019

LTE Band 5-Head

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.913$ S/m; $\epsilon_r = 42.399$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature:22.8°C;Liquid Temperature:22.4°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.73, 10.73, 10.73) @ 836.5 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 52.10.2(1495); SEMCAD X 14.6.12(7450)

Left Touch Cheek/CH 20525/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.169 W/kg

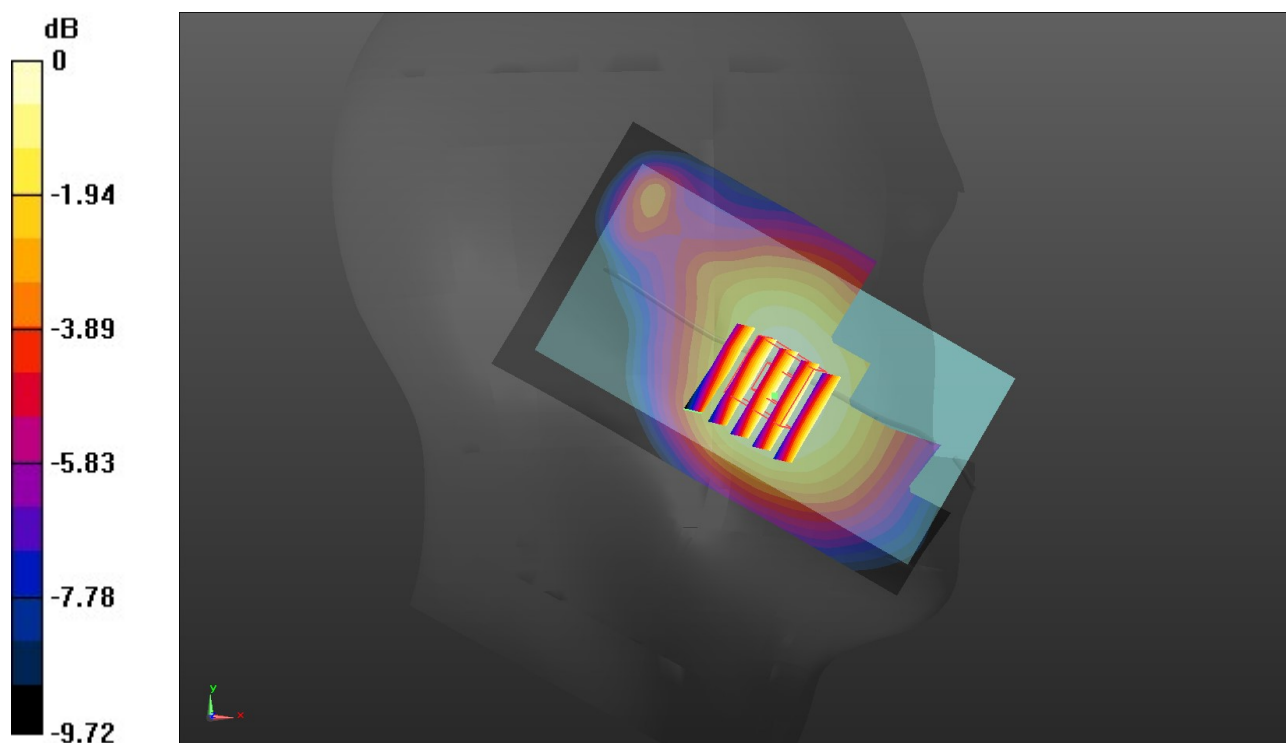
Left Touch Cheek/CH 20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.619 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.178 W/kg

SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.110 W/kg

Maximum value of SAR (measured) = 0.165 W/kg



0 dB = 0.165 W/kg = -7.83 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 1/22/2019

LTE Band 5-Body

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.967$ S/m; $\epsilon_r = 55.399$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.8°C;Liquid Temperature:22.5°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.5, 10.5, 10.5) @ 836.5 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 52.10.2(1495); SEMCAD X 14.6.12(7450)

Rear/CH 20525/Area Scan (61x111x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
 Maximum value of SAR (interpolated) = 0.228 W/kg

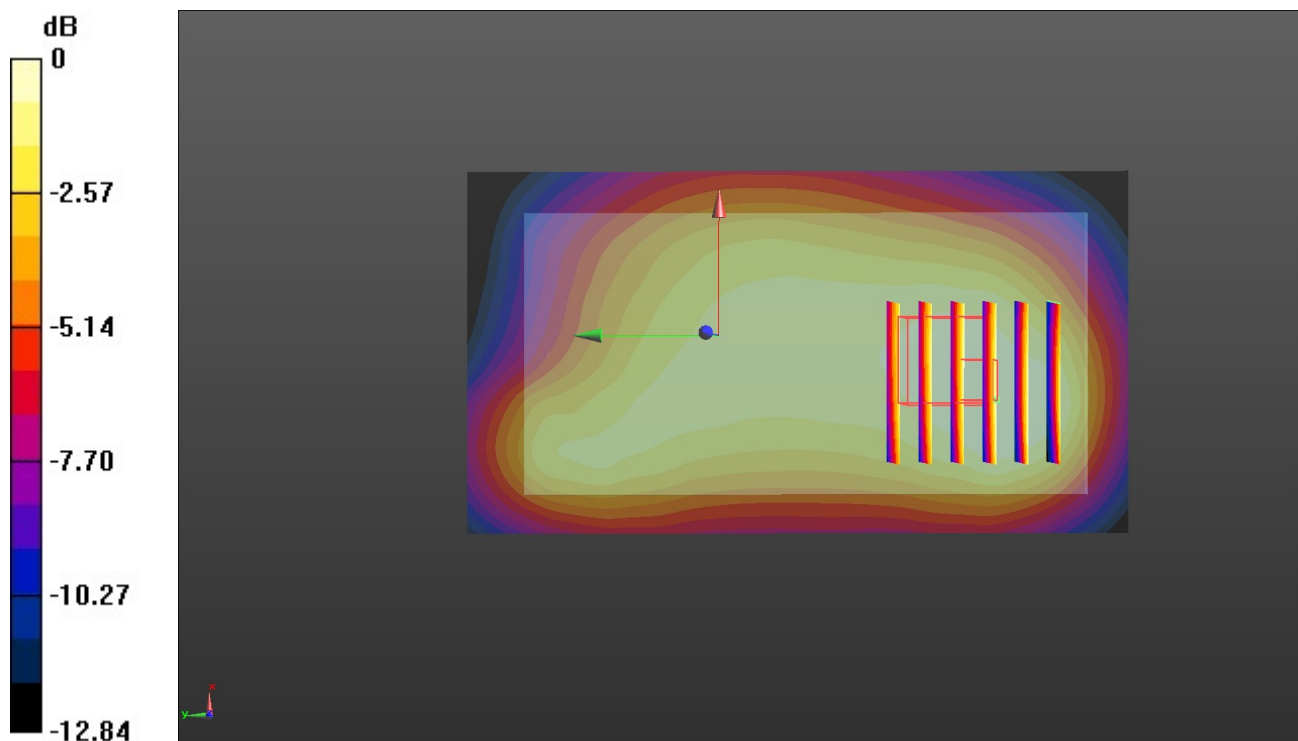
Rear/CH 20525/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.66 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.276 W/kg

SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.113 W/kg

Maximum value of SAR (measured) = 0.219 W/kg



0 dB = 0.219 W/kg = -6.60 dBW/kg

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Date: 1/26/2019

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; $\sigma = 1.914$ S/m; $\epsilon_r = 40.778$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature:23.0°C;Liquid Temperature:22.7°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 52.10.2(1495); SEMCAD X 14.6.12(7450)

Right Cheek Touch/CH 21100/Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0995 W/kg

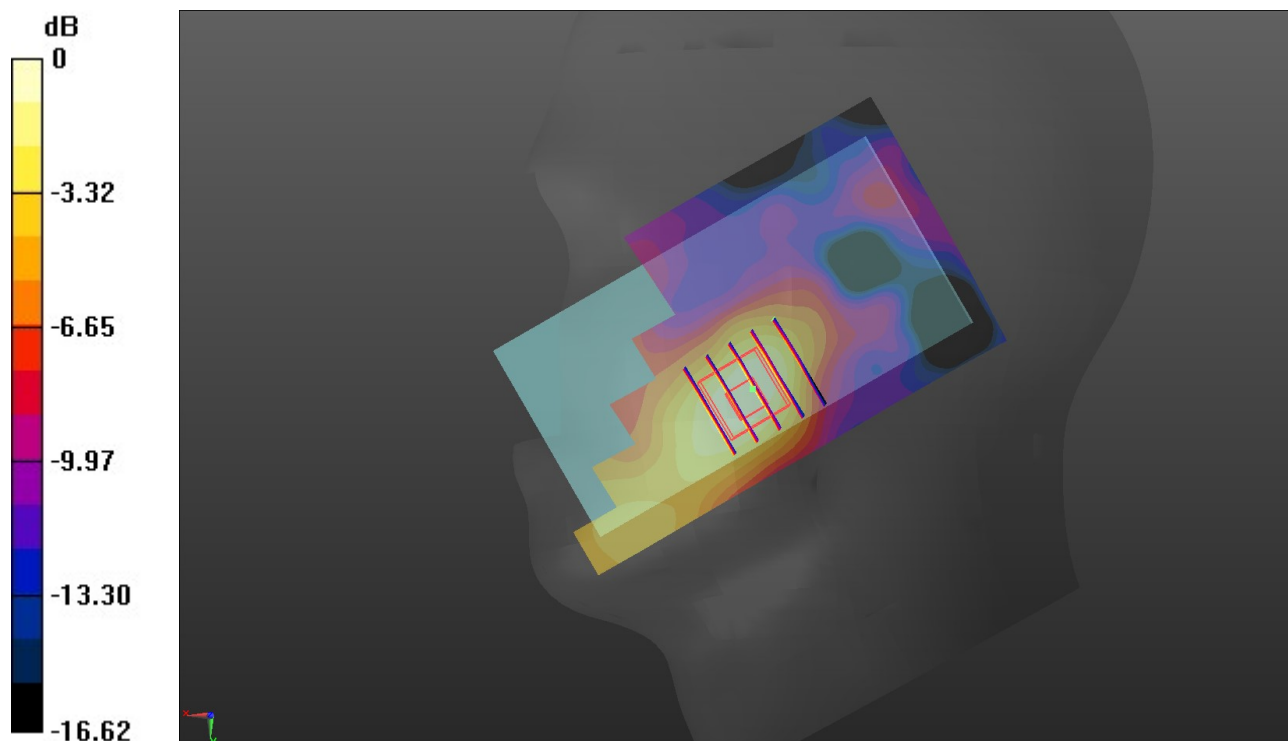
Right Cheek Touch/CH 21100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.085 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.125 W/kg

SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.0964 W/kg



0 dB = 0.0964 W/kg = -10.16 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 1/26/2019

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; $\sigma = 2.082$ S/m; $\epsilon_r = 52.884$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.8°C;Liquid Temperature:22.7°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 52.10.2(1495); SEMCAD X 14.6.12(7450)

Rear/CH 21100/Area Scan (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.867 W/kg

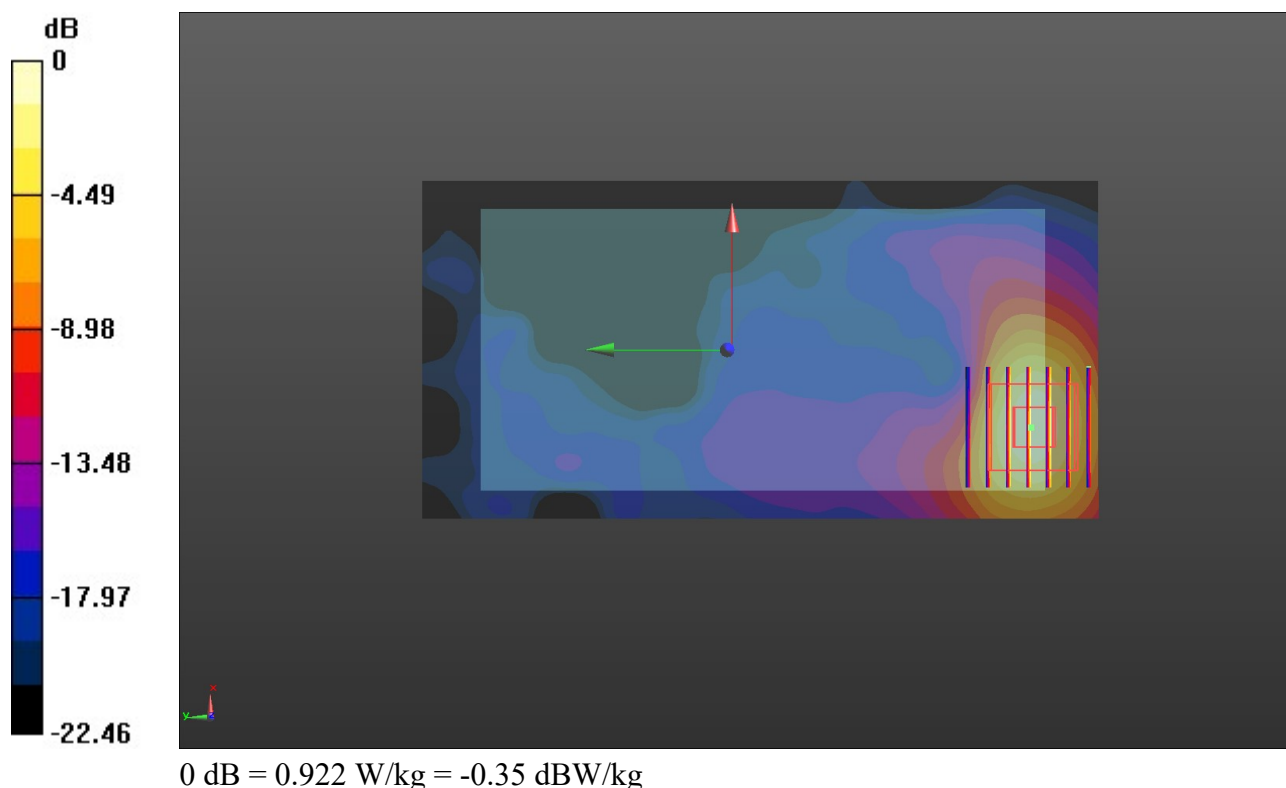
Rear/CH 21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.426 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.545 W/kg; SAR(10 g) = 0.251 W/kg

Maximum value of SAR (measured) = 0.922 W/kg



Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 1/28/2019

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; $\sigma = 1.818$ S/m; $\epsilon_r = 41.03$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature:22.9°C;Liquid Temperature:22.7°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 52.10.2(1495); SEMCAD X 14.6.12(7450)

Right Cheek Touch/CH 1/Area Scan (71x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.758 W/kg

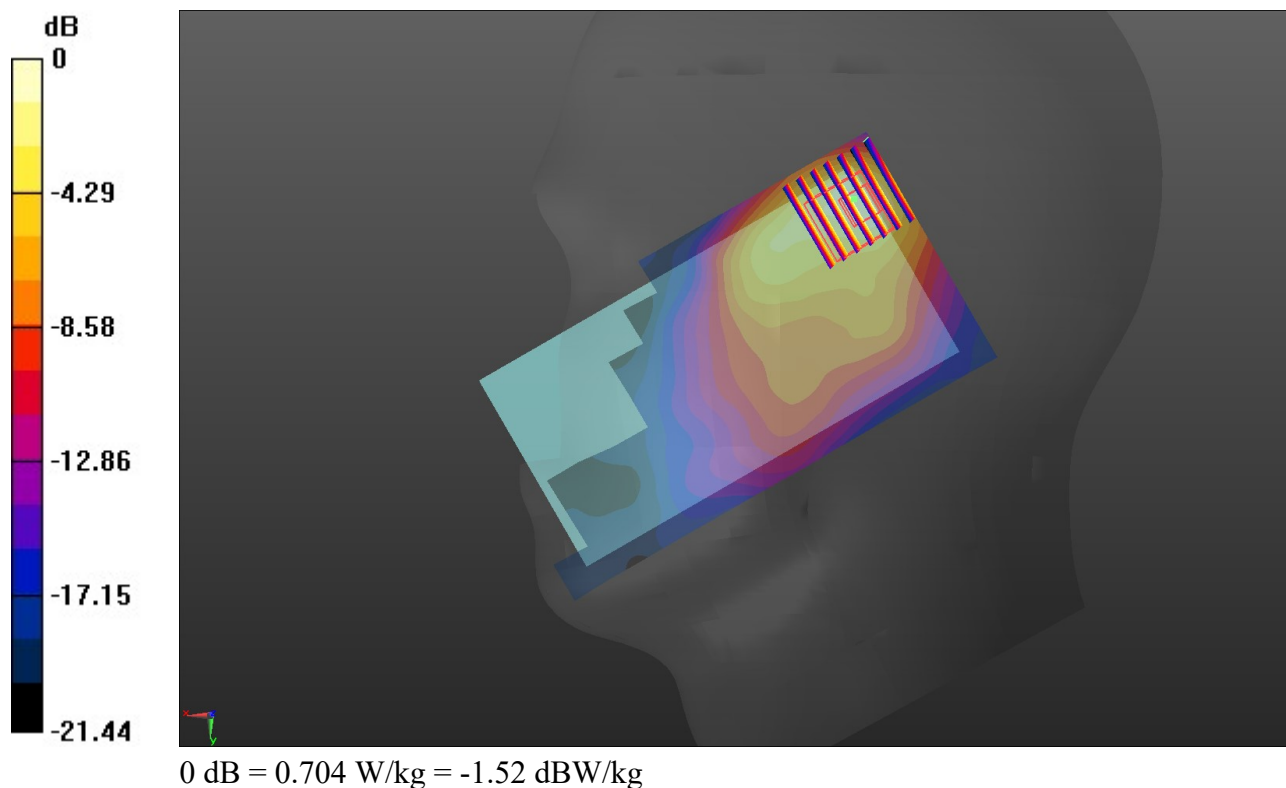
Right Cheek Touch/CH 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.281 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.963 W/kg

SAR(1 g) = 0.433 W/kg; SAR(10 g) = 0.203 W/kg

Maximum value of SAR (measured) = 0.704 W/kg



Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 1/26/2019

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; $\sigma = 1.966$ S/m; $\epsilon_r = 53.058$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.8°C;Liquid Temperature:22.6°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 52.10.2(1495); SEMCAD X 14.6.12(7450)

Rear/CH 1/Area Scan (71x141x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
 Maximum value of SAR (interpolated) = 0.385 W/kg

Rear/CH 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 4.583 V/m; Power Drift = 0.04 dB
 Peak SAR (extrapolated) = 0.464 W/kg
SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.097 W/kg
 Maximum value of SAR (measured) = 0.345 W/kg

