

Appendix B for KSCR220500087701

Date: 2022/07/21

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

GSM850 GSM Left cheek CH190

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

Communication System: UID 0, Generic GSM (0); Frequency: 824.2 MHz; Duty Cycle: 1:8.30042
 Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.883$ S/m; $\epsilon_r = 41.042$; $\rho = 1000$ kg/m³
 Phantom section: Left Section
 Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 – SN7346; ConvF(9.25, 9.25, 9.25); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.388 W/kg

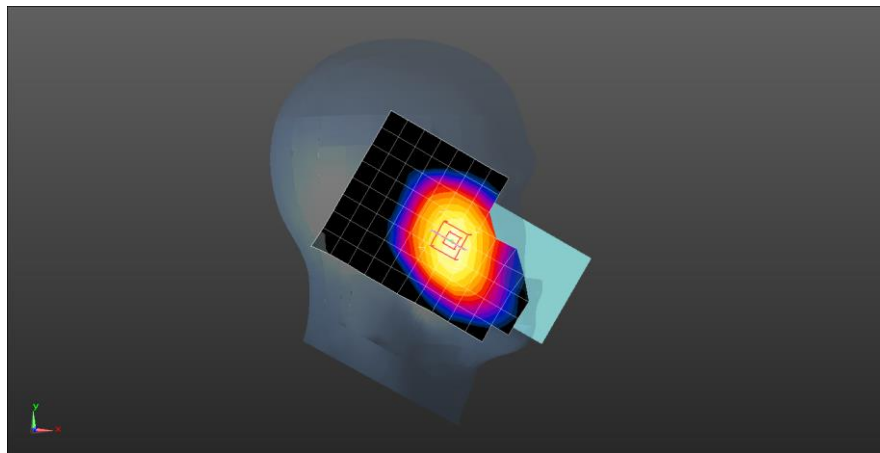
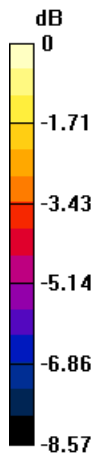
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.929 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.417 W/kg

SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.199 W/kg

Maximum value of SAR (measured) = 0.394 W/kg



0 dB = 0.394 W/kg = -4.05 dBW/kg



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 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

Date: 2022/07/21

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

GSM850 GPRS 4TS Back side Ch190 10mm

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

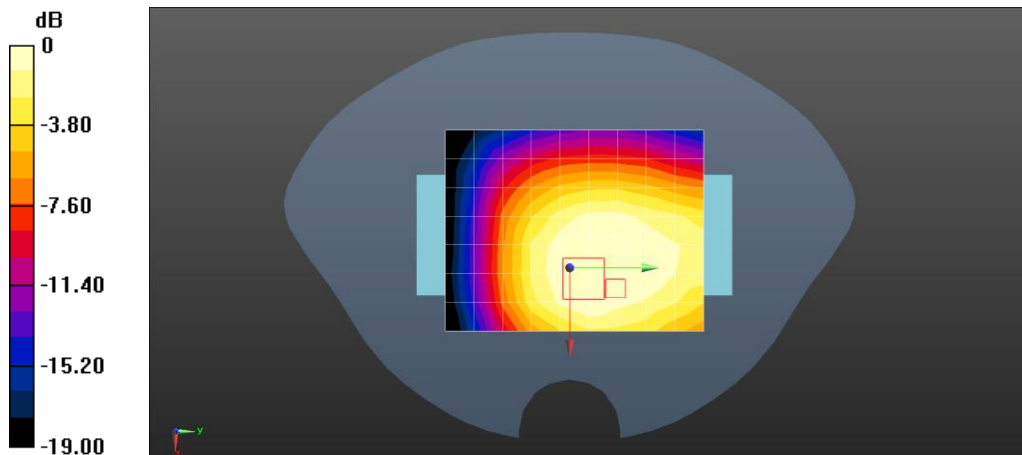
Communication System: UID 0, GPRS/EGPRS 4TX Slots (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.0797
 Medium parameters used: $f = 837 \text{ MHz}$; $\sigma = 0.892 \text{ S/m}$; $\epsilon_r = 40.958$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 – SN7346; ConvF(9.25, 9.25, 9.25); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 1.75 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 38.76 V/m; Power Drift = 0.06 dB
 Peak SAR (extrapolated) = 3.90 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.627 W/kg
 Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.45 W/kg = 1.61 dBW/kg



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Date: 2022/06/19

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

GSM1900 GPRS 2TS Left side Ch810 10mm

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

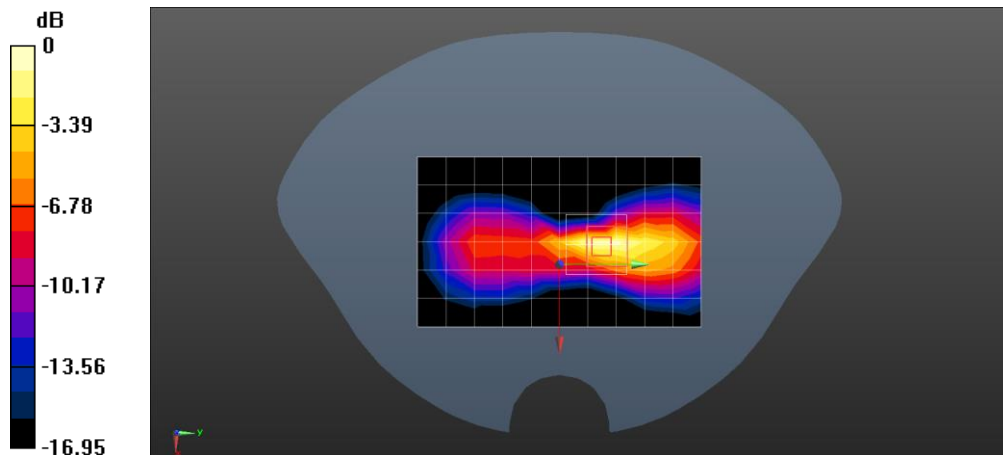
Communication System: UID 0, GPRS/EGPRS 2TX Slots (0); Frequency: 1909.8 MHz; Duty Cycle: 1:2.07491
 Medium parameters used: $f = 1910 \text{ MHz}$; $\sigma = 1.423 \text{ S/m}$; $\epsilon_r = 41.749$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 – SN7346; ConvF(7.88, 7.88, 7.88); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.214 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 8.443 V/m; Power Drift = -0.10 dB
 Peak SAR (extrapolated) = 0.369 W/kg
SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.107 W/kg
 Maximum value of SAR (measured) = 0.309 W/kg



0 dB = 0.309 W/kg = -5.10 dBW/kg



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Date: 2022/06/19

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

GSM1900 GSM Left cheek CH810

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

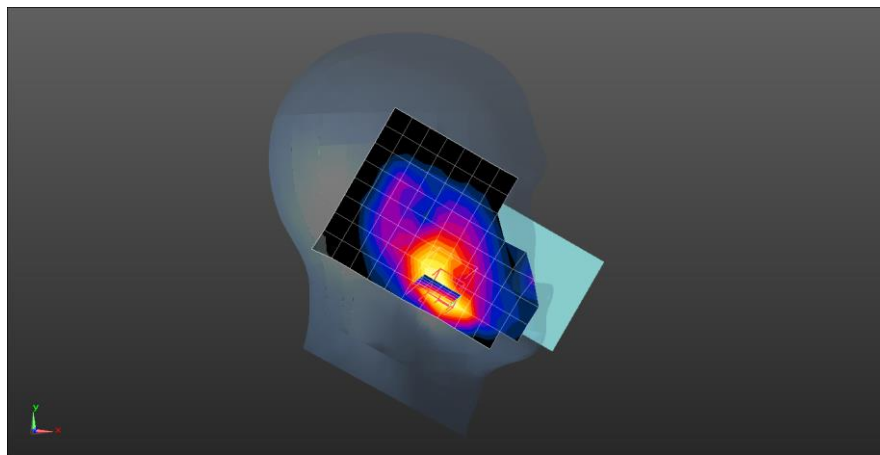
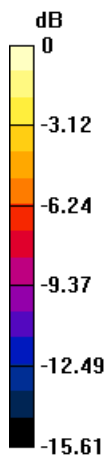
Communication System: UID 0, Generic GSM (0); Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042
 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.423$ S/m; $\epsilon_r = 41.749$; $\rho = 1000$ kg/m³
 Phantom section: Left Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 – SN7346; ConvF(7.88, 7.88, 7.88); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.319 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 4.790 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 0.403 W/kg
SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.094 W/kg
 Maximum value of SAR (measured) = 0.295 W/kg



0 dB = 0.295 W/kg = -5.30 dBW/kg



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Date: 2022/06/19

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

WCDMA RMC Band 2 Left cheek CH9262

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

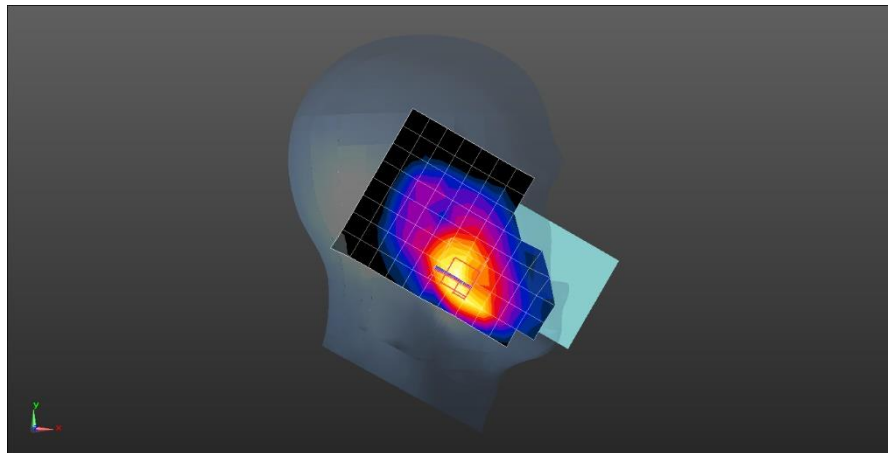
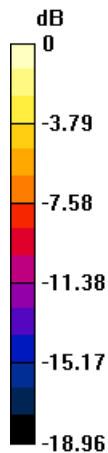
Communication System: UID 0, WCDMA / UMTS (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1852.4 \text{ MHz}$; $\sigma = 1.366 \text{ S/m}$; $\epsilon_r = 41.973$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.88, 7.88, 7.88); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.526 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 5.663 V/m; Power Drift = -0.18 dB
 Peak SAR (extrapolated) = 0.774 W/kg
SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.185 W/kg
 Maximum value of SAR (measured) = 0.613 W/kg



0 dB = 0.613 W/kg = -2.13 dBW/kg



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Date: 2022/06/19

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

WCDMA RMC Band 2 Left side CH9262 10mm

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

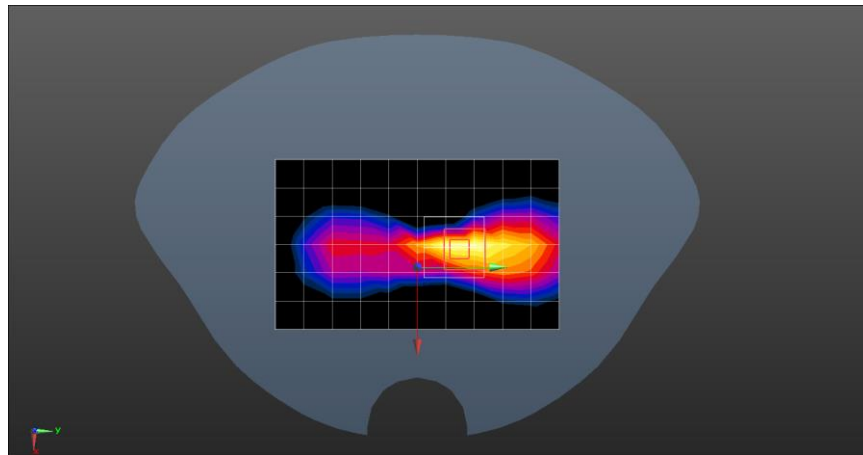
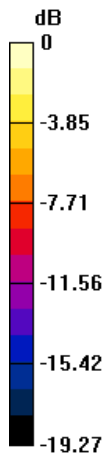
Communication System: UID 0, WCDMA / UMTS (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1852.4 \text{ MHz}$; $\sigma = 1.366 \text{ S/m}$; $\epsilon_r = 41.973$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.88, 7.88, 7.88); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.330 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 9.069 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 0.406 W/kg
SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.112 W/kg
 Maximum value of SAR (measured) = 0.344 W/kg



0 dB = 0.344 W/kg = -4.63 dBW/kg



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Test Laboratory: Compliance Certification Services (Kunshan) Inc.

WCDMA RMC Band 5 Left cheek CH4182

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

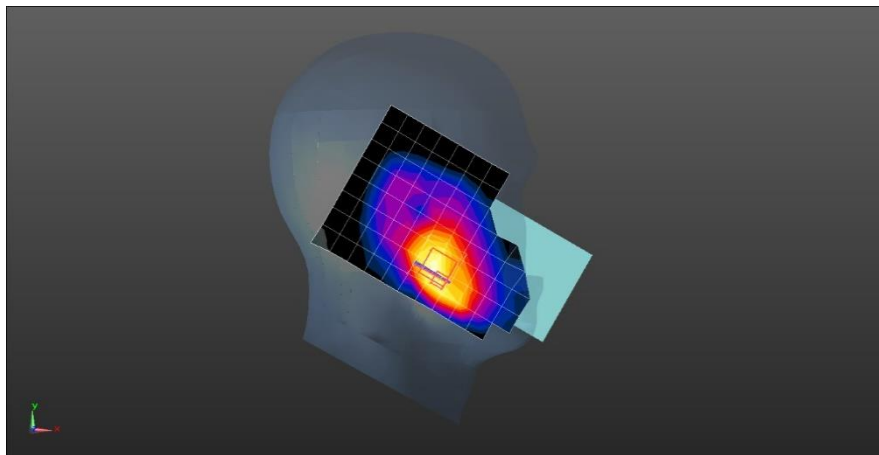
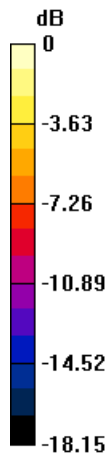
Communication System: UID 0, WCDMA / UMTS (0); Frequency: 836.4 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 836.4 \text{ MHz}$; $\sigma = 0.891 \text{ S/m}$; $\epsilon_r = 40.962$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section
 Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(9.25, 9.25, 9.25); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.297 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 4.562 V/m; Power Drift = 0.09 dB
 Peak SAR (extrapolated) = 0.387 W/kg
SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.102 W/kg
 Maximum value of SAR (measured) = 0.310 W/kg



0 dB = 0.310 W/kg = -5.09 dBW/kg



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Date: 2022/06/15

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

WCDMA RMC Band 5 Back side CH4182 10mm

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

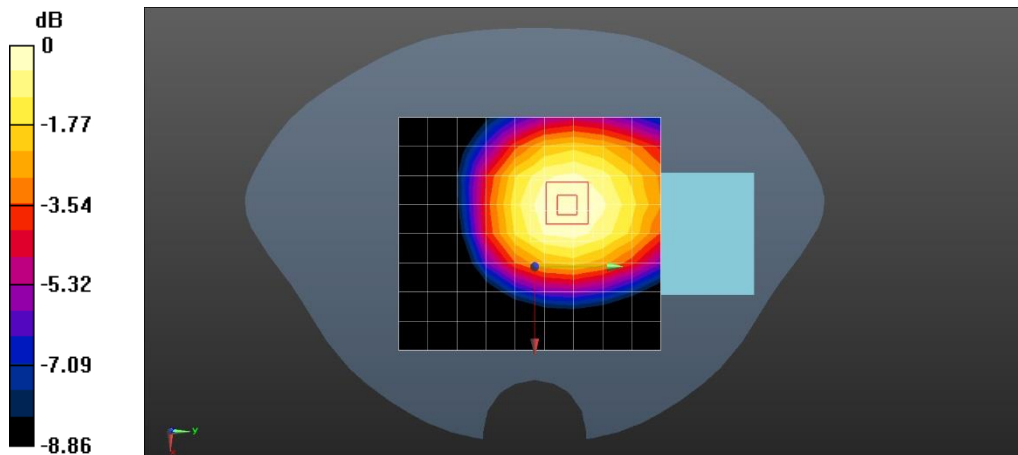
Communication System: UID 0, WCDMA / UMTS (0); Frequency: 836.4 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 836.4 \text{ MHz}$; $\sigma = 0.891 \text{ S/m}$; $\epsilon_r = 40.962$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(9.25, 9.25, 9.25); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.358 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 20.33 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 0.390 W/kg
SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.222 W/kg
 Maximum value of SAR (measured) = 0.359 W/kg



0 dB = 0.359 W/kg = -4.45 dBW/kg



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Date: 2022/06/17

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

WCDMA RMC Band 4 Left cheek CH1412

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

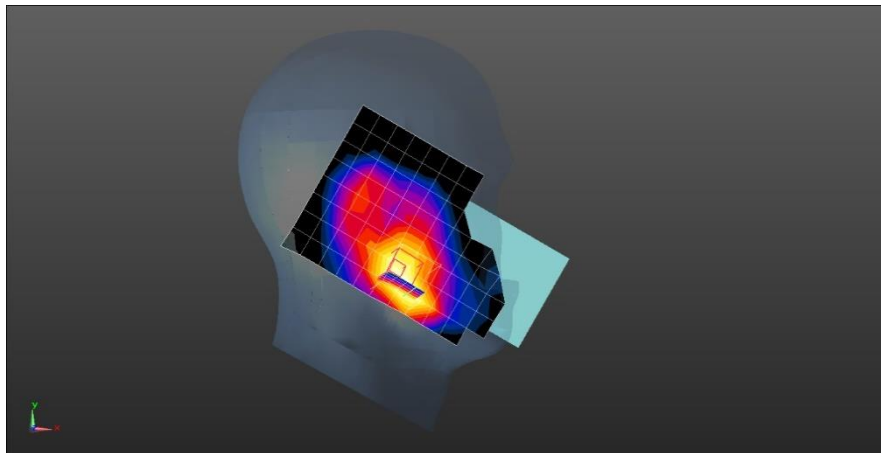
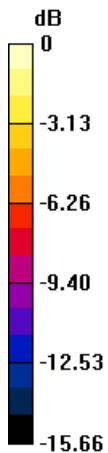
Communication System: UID 0, WCDMA / UMTS (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1732.4 \text{ MHz}$; $\sigma = 1.322 \text{ S/m}$; $\epsilon_r = 40.596$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(8.09, 8.09, 8.09); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.427 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 9.293 V/m; Power Drift = -0.18 dB
 Peak SAR (extrapolated) = 0.531 W/kg
SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.153 W/kg
 Maximum value of SAR (measured) = 0.431 W/kg



0 dB = 0.431 W/kg = -3.66 dBW/kg



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 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

Date: 2022/06/17

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

WCDMA RMC Band 4 Left side CH1412 10mm

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

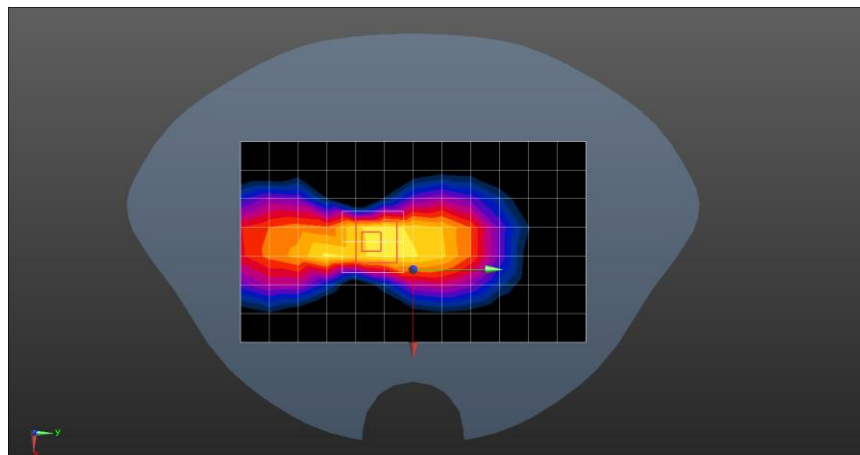
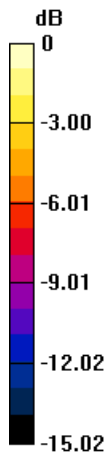
Communication System: UID 0, WCDMA / UMTS (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1732.4 \text{ MHz}$; $\sigma = 1.322 \text{ S/m}$; $\epsilon_r = 40.596$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(8.09, 8.09, 8.09); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.207 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 12.82 V/m; Power Drift = -0.17 dB
 Peak SAR (extrapolated) = 0.336 W/kg
SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.106 W/kg
 Maximum value of SAR (measured) = 0.286 W/kg



0 dB = 0.286 W/kg = -5.44 dBW/kg



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Date: 2022/06/19

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 2 20M QPSK 1RB0 Left cheek Ch18700

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

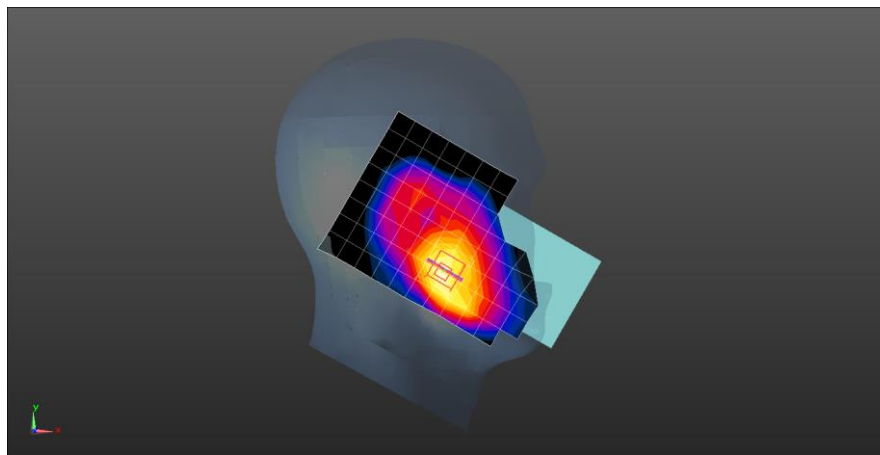
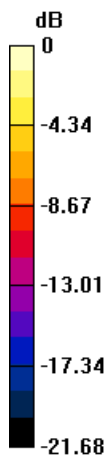
Communication System: UID 0, FDD_LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1860 \text{ MHz}$; $\sigma = 1.373 \text{ S/m}$; $\epsilon_r = 41.939$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.88, 7.88, 7.88); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.609 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 6.009 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 0.742 W/kg
SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.219 W/kg
 Maximum value of SAR (measured) = 0.616 W/kg



0 dB = 0.616 W/kg = -2.10 dBW/kg



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Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 2 20M QPSK 1RB0 Left Side Ch18700 10mm

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

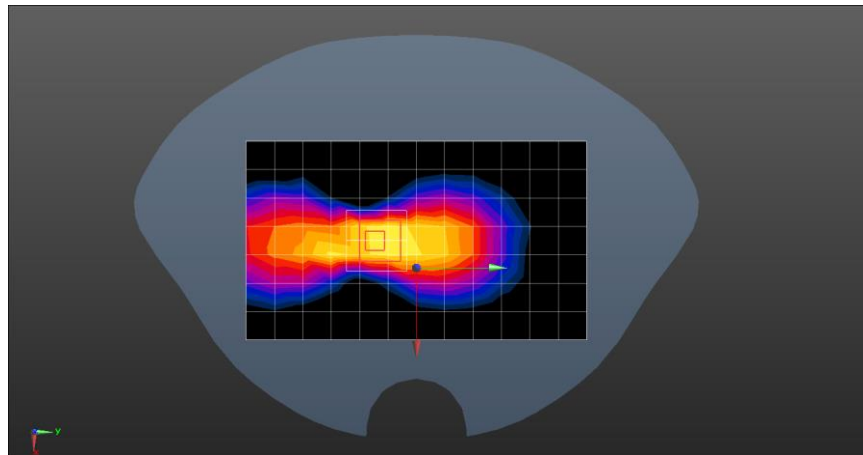
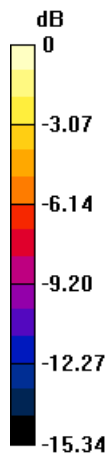
Communication System: UID 0, FDD_LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1860 \text{ MHz}$; $\sigma = 1.373 \text{ S/m}$; $\epsilon_r = 41.939$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.88, 7.88, 7.88); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.195 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 8.478 V/m; Power Drift = 0.06 dB
 Peak SAR (extrapolated) = 0.265 W/kg
SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.082 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: 2022/06/17

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 4 20M QPSK 1RB99 Left cheek Ch20175

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

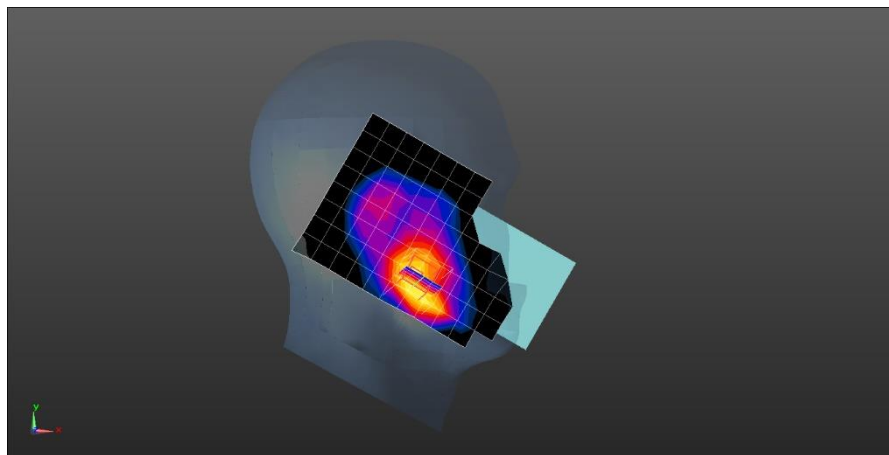
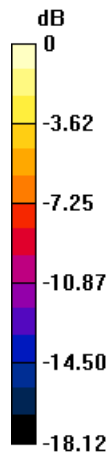
Communication System: UID 0, FDD_LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1732.5 \text{ MHz}$; $\sigma = 1.322 \text{ S/m}$; $\epsilon_r = 40.586$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(8.09, 8.09, 8.09); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.298 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 6.399 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 0.632 W/kg
SAR(1 g) = 0.342 W/kg; SAR(10 g) = 0.184 W/kg
 Maximum value of SAR (measured) = 0.504 W/kg



0 dB = 0.504 W/kg = -2.98 dBW/kg



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Date: 2022/06/17

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 4 20M QPSK 1RB99 Left Side Ch20175 10mm

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

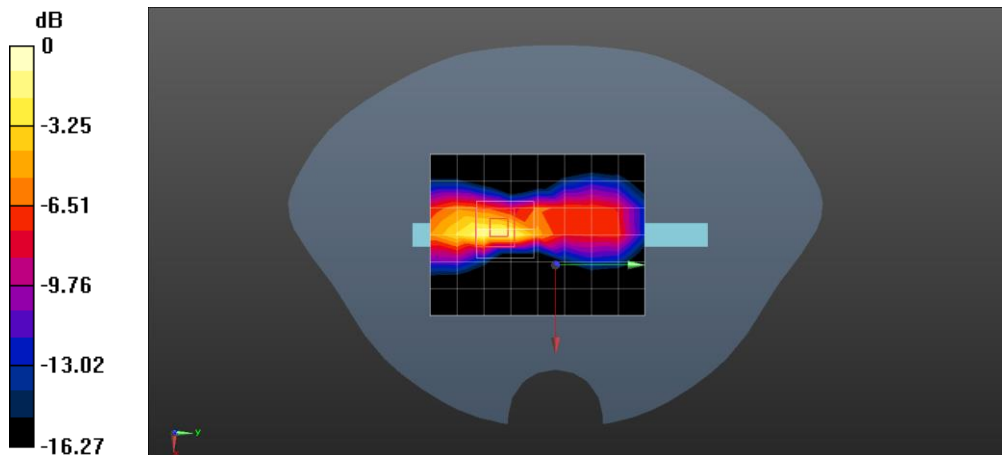
Communication System: UID 0, FDD_LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1732.5 \text{ MHz}$; $\sigma = 1.322 \text{ S/m}$; $\epsilon_r = 40.586$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(8.09, 8.09, 8.09); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.229 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 9.811 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 0.318 W/kg
SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.100 W/kg
 Maximum value of SAR (measured) = 0.267 W/kg



0 dB = 0.267 W/kg = -5.73 dBW/kg



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Date: 2022/06/15

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 5 10M QPSK 1RB0 Left cheek Ch20600

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

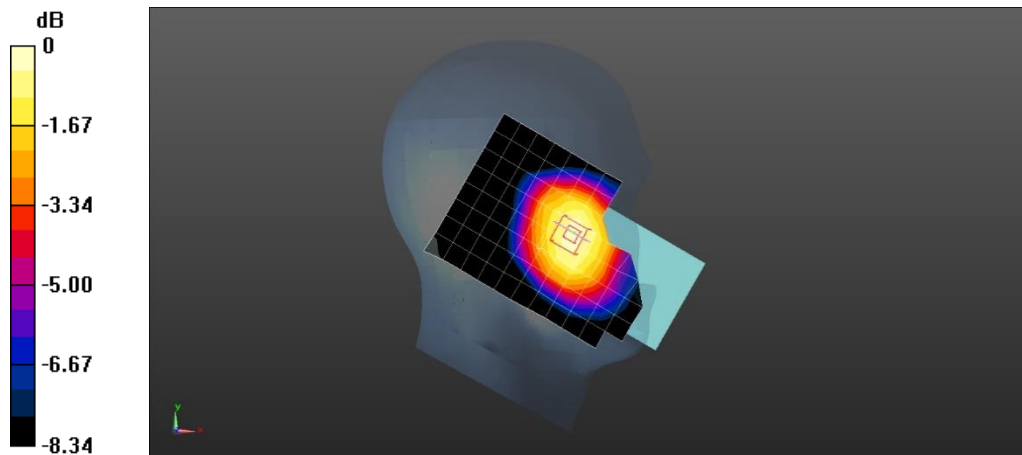
Communication System: UID 0, FDD_LTE (0); Frequency: 844 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 0.896 \text{ S/m}$; $\epsilon_r = 40.914$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(9.25, 9.25, 9.25); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.261 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 5.103 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 0.291 W/kg
SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.180 W/kg
 Maximum value of SAR (measured) = 0.274 W/kg



0 dB = 0.274 W/kg = -5.62 dBW/kg



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t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

Date: 2022/06/15

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 5 10M QPSK 1RB25 Back Side Ch20600 10mm

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

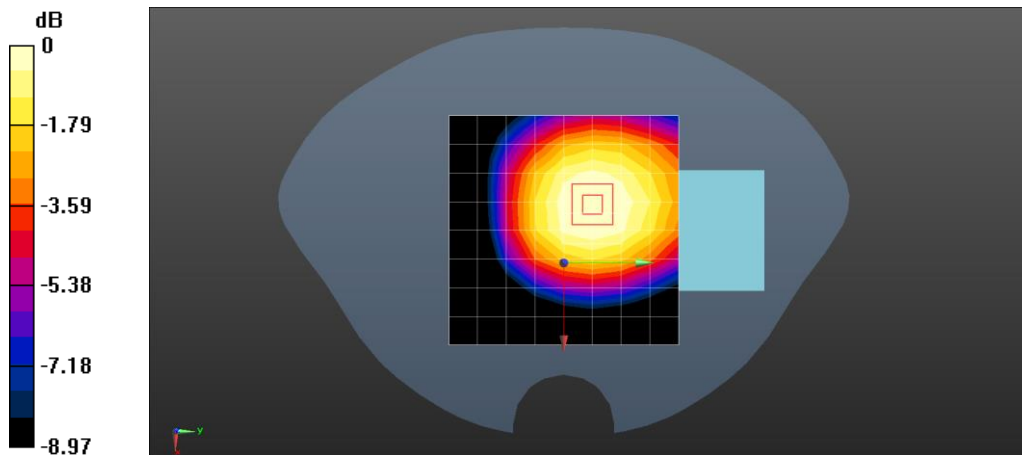
Communication System: UID 0, FDD_LTE (0); Frequency: 844 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 0.896 \text{ S/m}$; $\epsilon_r = 40.914$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(9.25, 9.25, 9.25); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.305 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 19.34 V/m; Power Drift = -0.12 dB
 Peak SAR (extrapolated) = 0.317 W/kg
SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.179 W/kg
 Maximum value of SAR (measured) = 0.291 W/kg



0 dB = 0.291 W/kg = -5.36 dBW/kg



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Date: 2022/06/25

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 7 20M QPSK 1RB0 Left cheek Ch20850

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

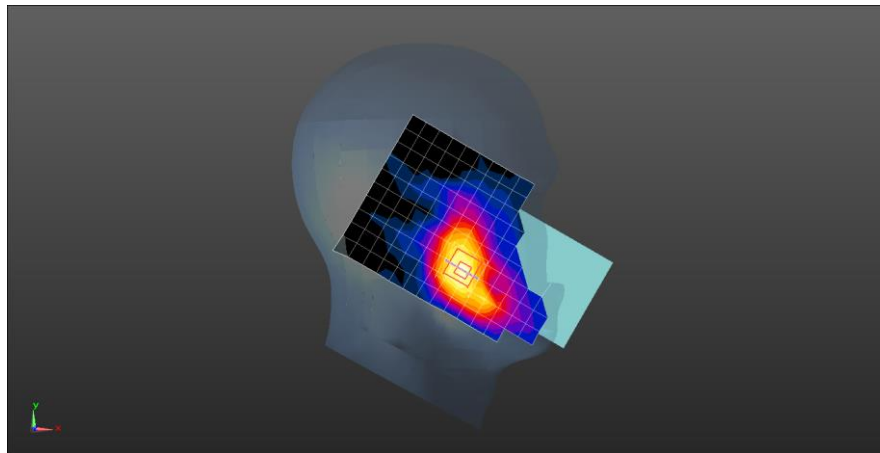
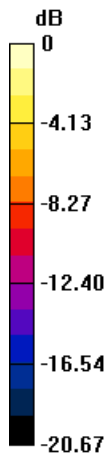
Communication System: UID 0, FDD_LTE (0); Frequency: 2510 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2510 \text{ MHz}$; $\sigma = 1.882 \text{ S/m}$; $\epsilon_r = 39.007$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.27, 7.27, 7.27); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.659 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 2.405 V/m; Power Drift = -0.05 dB
 Peak SAR (extrapolated) = 0.941 W/kg
SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.196 W/kg
 Maximum value of SAR (measured) = 0.689 W/kg



0 dB = 0.689 W/kg = -1.62 dBW/kg



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Date: 2022/06/25

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 7 20M QPSK 1RB0 Left Side Ch20850 10mm

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

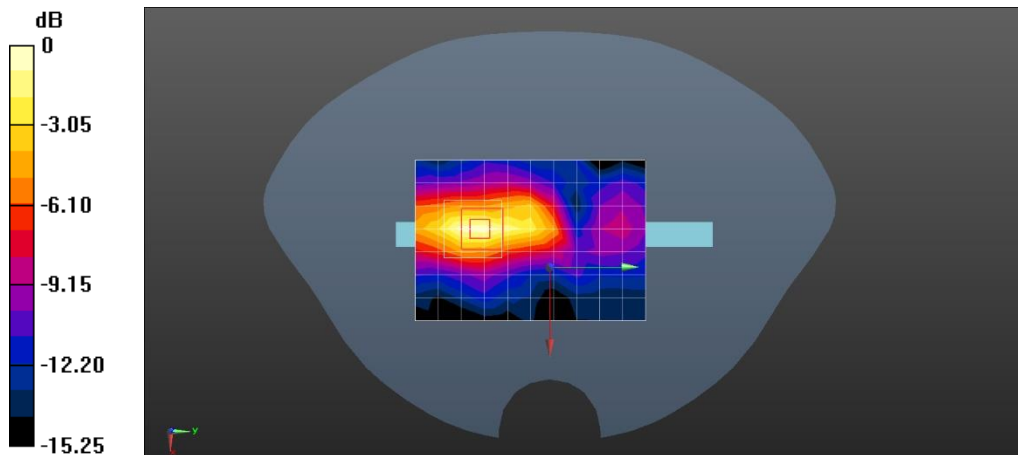
Communication System: UID 0, FDD_LTE (0); Frequency: 2510 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.882$ S/m; $\epsilon_r = 39.007$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.27, 7.27, 7.27); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.178 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 6.317 V/m; Power Drift = 0.01 dB
 Peak SAR (extrapolated) = 0.257 W/kg
SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.055 W/kg
 Maximum value of SAR (measured) = 0.187 W/kg



0 dB = 0.187 W/kg = -7.28 dBW/kg



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Date: 2022/06/13

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 12 10M QPSK 1RB25 Left cheek Ch23095

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

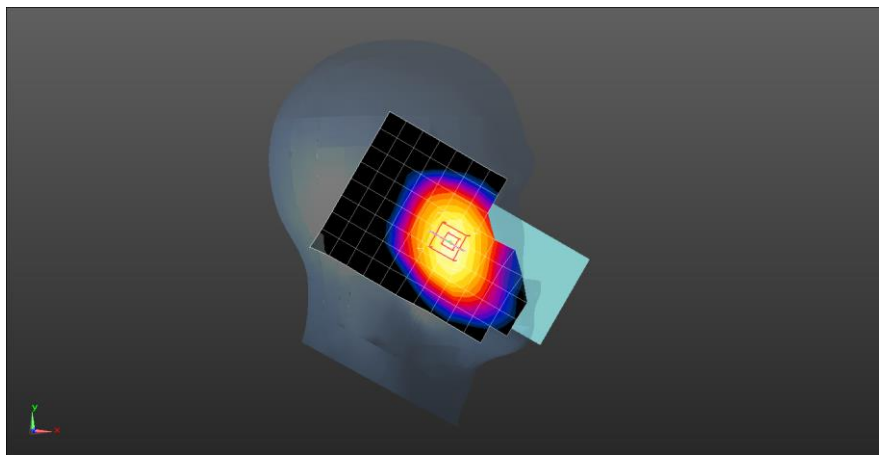
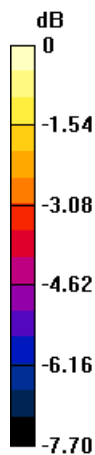
Communication System: UID 0, FDD_LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 707.5 \text{ MHz}$; $\sigma = 0.852 \text{ S/m}$; $\epsilon_r = 43.304$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(9.39, 9.39, 9.39); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.118 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 4.279 V/m; Power Drift = 0.12 dB
 Peak SAR (extrapolated) = 0.125 W/kg
SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.079 W/kg
 Maximum value of SAR (measured) = 0.117 W/kg



0 dB = 0.117 W/kg = -9.32 dBW/kg



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Date: 2022/06/13

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 12 10M QPSK 1RB25 Back Side Ch23095 10mm

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

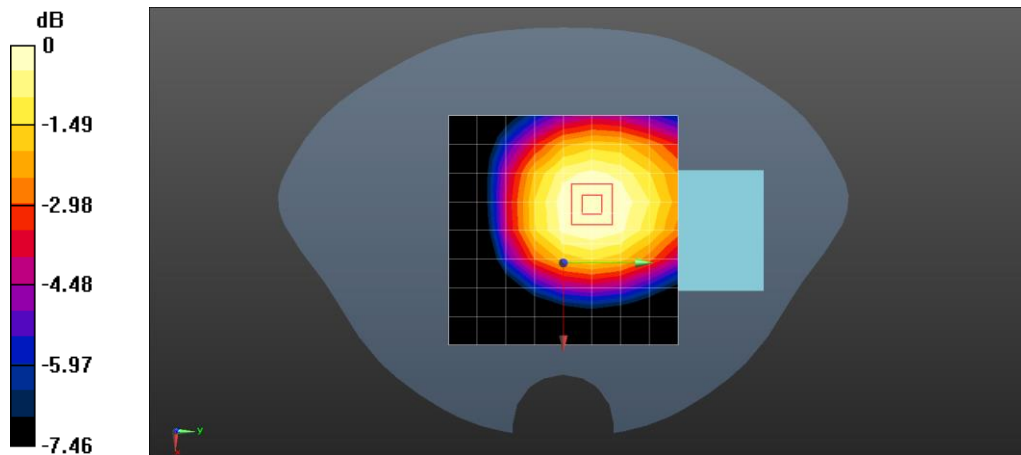
Communication System: UID 0, FDD_LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 707.5 \text{ MHz}$; $\sigma = 0.852 \text{ S/m}$; $\epsilon_r = 43.304$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(9.39, 9.39, 9.39); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.212 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 12.15 V/m; Power Drift = -0.07 dB
 Peak SAR (extrapolated) = 0.233 W/kg
SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.139 W/kg
 Maximum value of SAR (measured) = 0.217 W/kg



0 dB = 0.217 W/kg = -6.64 dBW/kg



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Date: 2022/06/13

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 13 10M QPSK 1RB0 Left cheek Ch23230

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

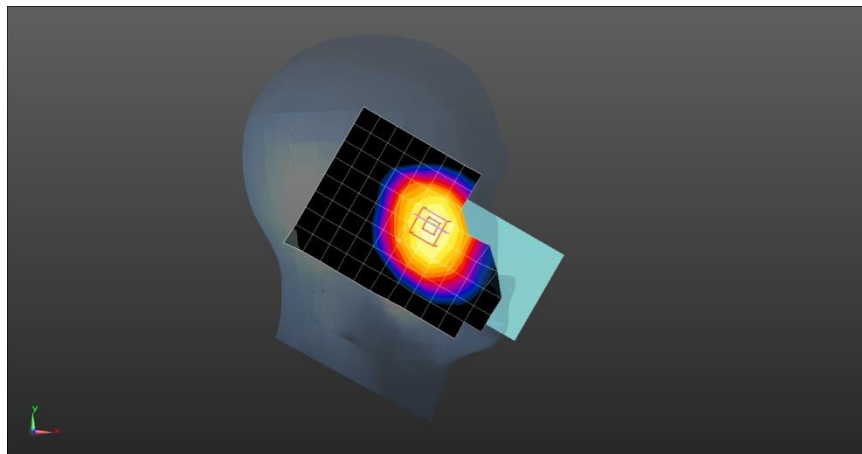
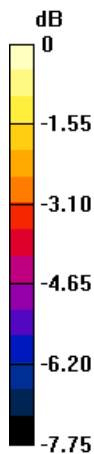
Communication System: UID 0, FDD_LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.899 \text{ S/m}$; $\epsilon_r = 42.843$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(9.39, 9.39, 9.39); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.190 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 5.676 V/m; Power Drift = -0.16 dB
 Peak SAR (extrapolated) = 0.202 W/kg
SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.125 W/kg



0 dB = 0.190 W/kg = -7.21 dBW/kg



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Date: 2022/06/13

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 13 10M QPSK 1RB0 Back Side Ch23230 10mm

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

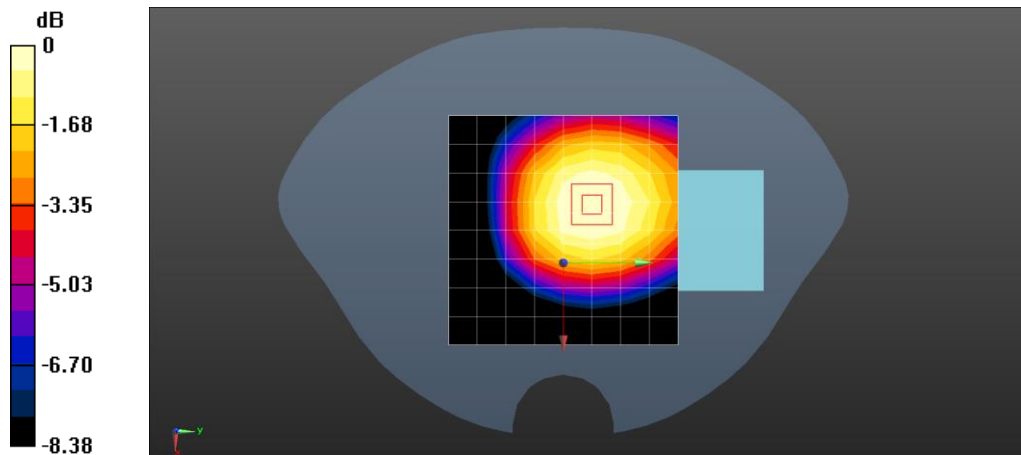
Communication System: UID 0, FDD_LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.899 \text{ S/m}$; $\epsilon_r = 42.843$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(9.39, 9.39, 9.39); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.306 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 15.08 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 0.309 W/kg
SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.178 W/kg
 Maximum value of SAR (measured) = 0.287 W/kg



0 dB = 0.287 W/kg = -5.42 dBW/kg



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Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 17 10M QPSK 1RB25 Left cheek Ch23790

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

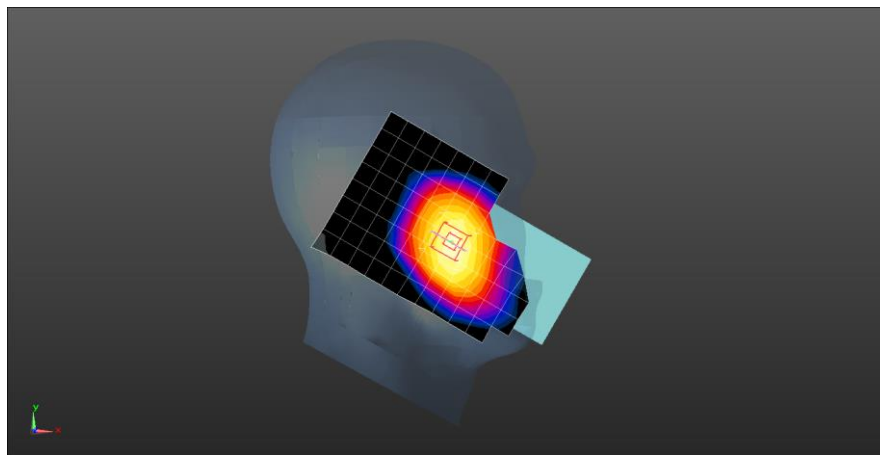
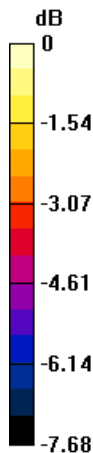
Communication System: UID 0, FDD_LTE (0); Frequency: 710 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.854 \text{ S/m}$; $\epsilon_r = 43.286$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(9.39, 9.39, 9.39); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.122 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 4.281 V/m; Power Drift = -0.09 dB
 Peak SAR (extrapolated) = 0.119 W/kg
SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.062 W/kg
 Maximum value of SAR (measured) = 0.127 W/kg



0 dB = 0.127 W/kg = -8.96 dBW/kg



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Date: 2022/06/13

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 17 10M QPSK 1RB25 Back Side Ch23790 10mm

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

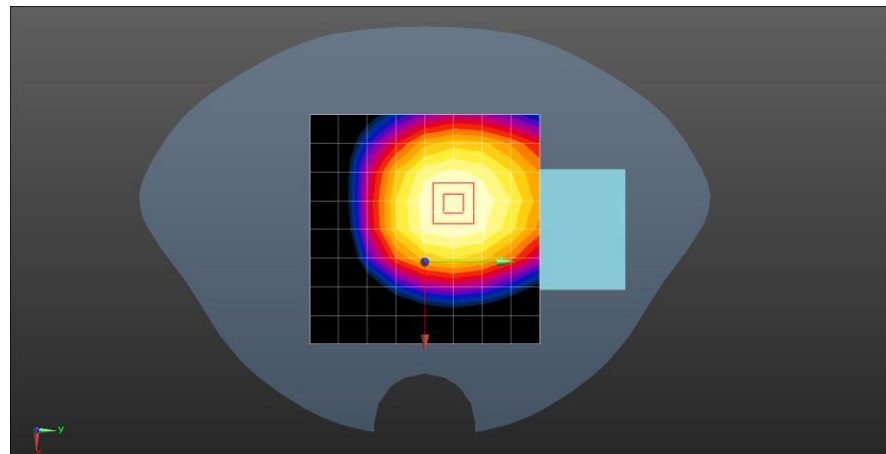
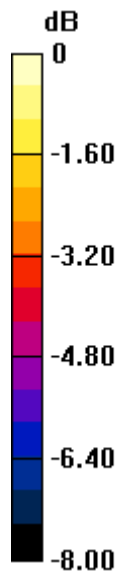
Communication System: UID 0, FDD_LTE (0); Frequency: 710 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.854 \text{ S/m}$; $\epsilon_r = 43.286$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(9.39, 9.39, 9.39); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.302 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 14.04 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 0.336 W/kg
SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.127 W/kg
 Maximum value of SAR (measured) = 0.311 W/kg



0 dB = 0.311 W/kg = -5.07 dBW/kg



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Date: 2022/06/15

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 26 15M QPSK 1RB0 Back Side Ch26965

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

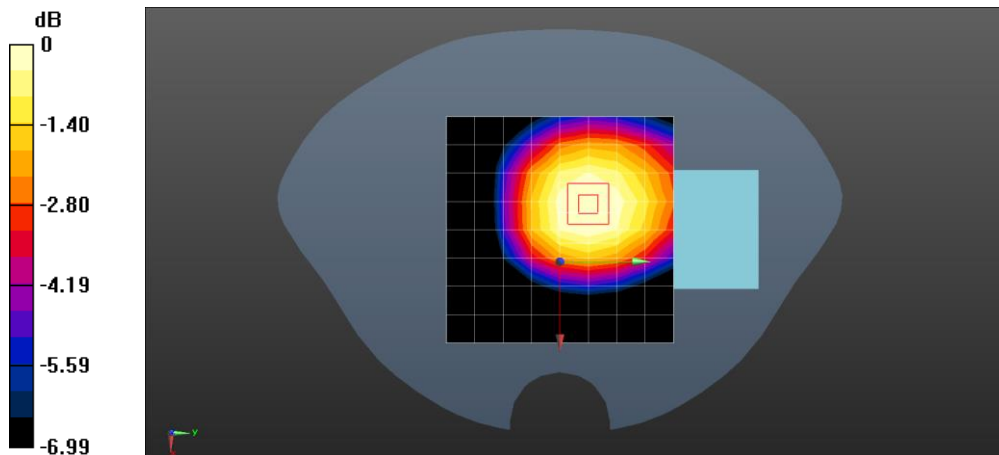
Communication System: UID 0, FDD_LTE (0); Frequency: 841.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 841.5 \text{ MHz}$; $\sigma = 0.894 \text{ S/m}$; $\epsilon_r = 40.934$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(9.25, 9.25, 9.25); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.301 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 19.30 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 0.313 W/kg
SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.193 W/kg
 Maximum value of SAR (measured) = 0.288 W/kg



0 dB = 0.288 W/kg = -5.41 dBW/kg



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Date: 2022/06/15

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 26 15M QPSK 1RB0 Left cheek Ch26965

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

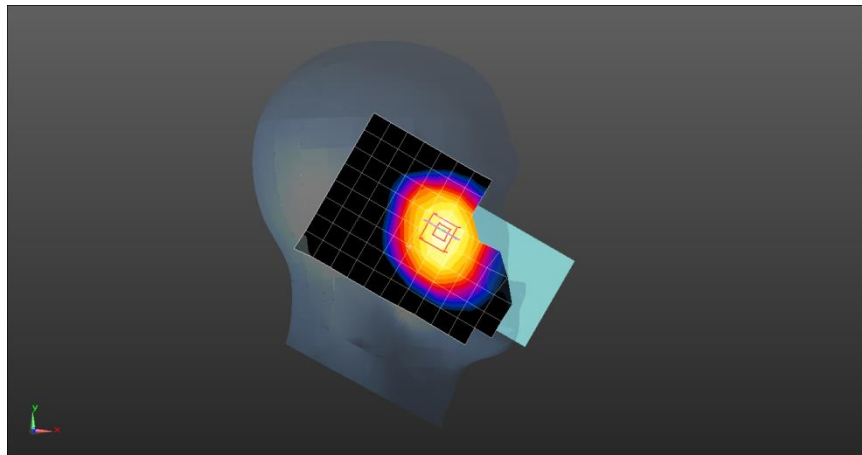
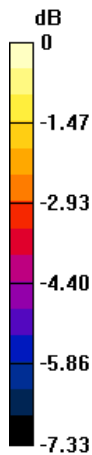
Communication System: UID 0, FDD_LTE (0); Frequency: 841.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 841.5 \text{ MHz}$; $\sigma = 0.894 \text{ S/m}$; $\epsilon_r = 40.934$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(9.25, 9.25, 9.25); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.258 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 5.092 V/m; Power Drift = -0.18 dB
 Peak SAR (extrapolated) = 0.287 W/kg
SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.183 W/kg
 Maximum value of SAR (measured) = 0.270 W/kg



0 dB = 0.270 W/kg = -5.69 dBW/kg



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Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 38 20M QPSK 1RB50 Right cheek Ch38000

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

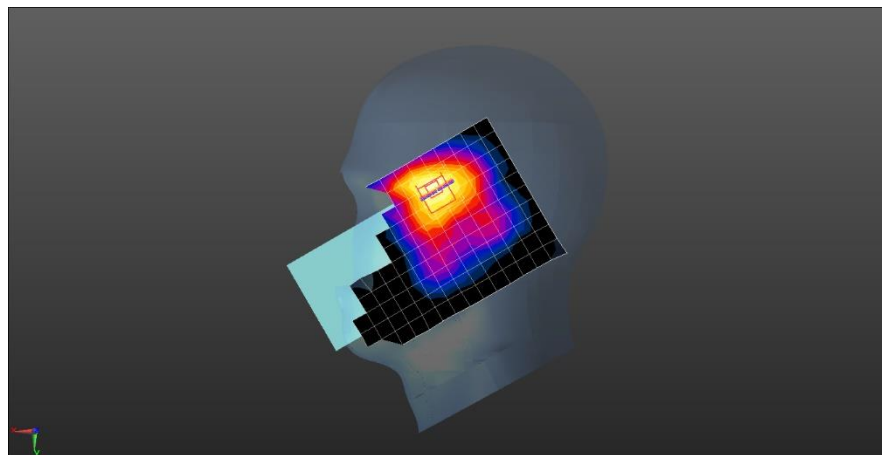
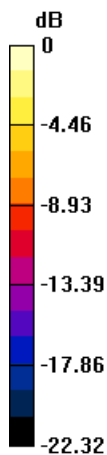
Communication System: UID 0, TDD_LTE (0); Frequency: 2595 MHz; Duty Cycle: 1:1.57943
 Medium parameters used: $f = 2595 \text{ MHz}$; $\sigma = 1.986 \text{ S/m}$; $\epsilon_r = 38.719$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.27, 7.27, 7.27); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 1.78 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 6.213 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 2.26 W/kg
SAR(1 g) = 0.963 W/kg; SAR(10 g) = 0.452 W/kg
 Maximum value of SAR (measured) = 1.66 W/kg



0 dB = 1.66 W/kg = 2.20 dBW/kg



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Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 38 20M QPSK 1RB50 Left Side Ch38000 10mm

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

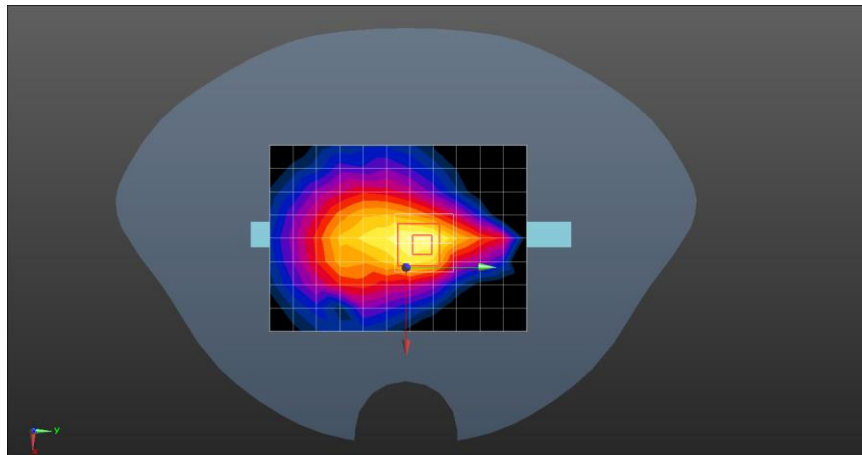
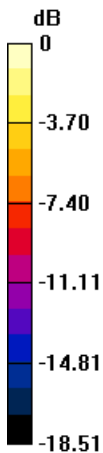
Communication System: UID 0, TDD_LTE (0); Frequency: 2595 MHz; Duty Cycle: 1:1.57943
 Medium parameters used: $f = 2595 \text{ MHz}$; $\sigma = 1.986 \text{ S/m}$; $\epsilon_r = 38.719$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.27, 7.27, 7.27); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (8x11x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 0.662 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 19.22 V/m; Power Drift = -0.18 dB
 Peak SAR (extrapolated) = 0.824 W/kg
SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.174 W/kg
 Maximum value of SAR (measured) = 0.633 W/kg



0 dB = 0.633 W/kg = -1.99 dBW/kg



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Date: 2022/06/21

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 40 20M QPSK 1RB25 Left cheek Ch38750

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

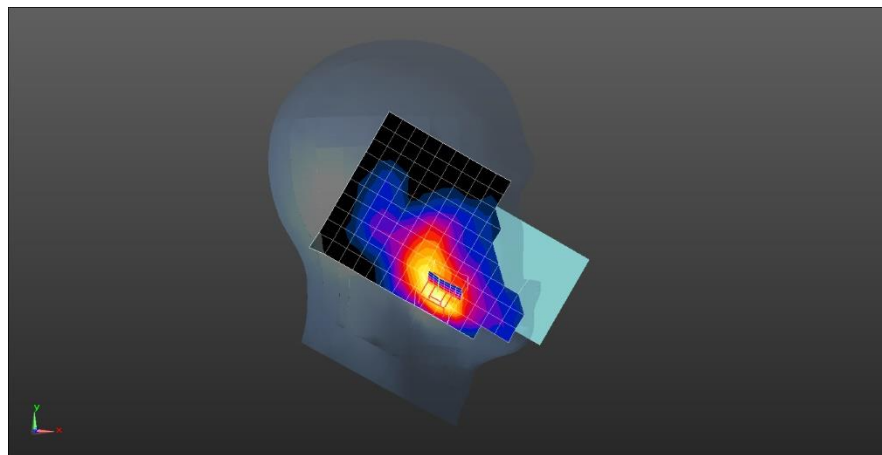
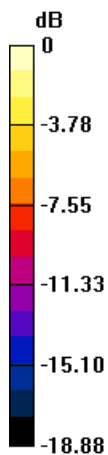
Communication System: UID 0, TDD_LTE (0); Frequency: 2310 MHz; Duty Cycle: 1:1.57943
 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.67$ S/m; $\epsilon_r = 39.682$; $\rho = 1000$ kg/m³
 Phantom section: Left Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.53, 7.53, 7.53); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.601 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 3.121 V/m; Power Drift = 0.12 dB
 Peak SAR (extrapolated) = 0.830 W/kg
SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.161 W/kg
 Maximum value of SAR (measured) = 0.611 W/kg



0 dB = 0.611 W/kg = -2.14 dBW/kg



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Date: 2022/06/21

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 40 20M QPSK 1RB25 Left Side Ch38750 10mm

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

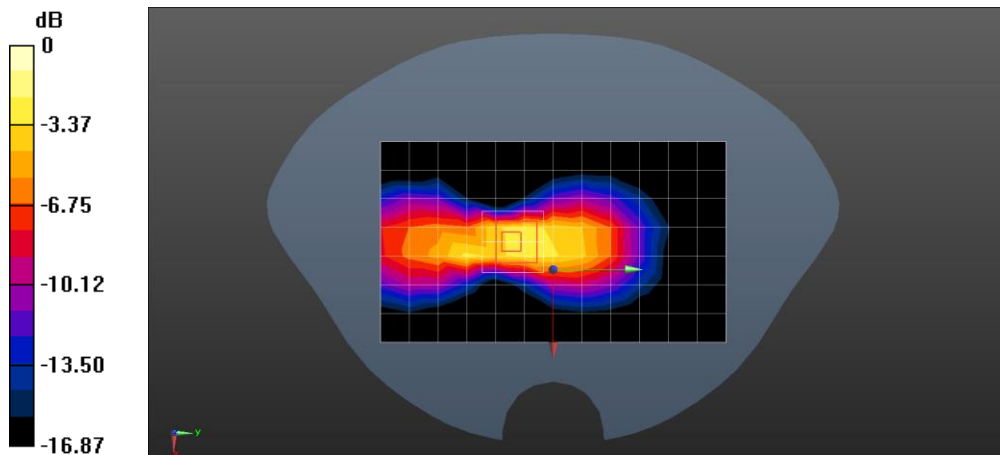
Communication System: UID 0, TDD_LTE (0); Frequency: 2310 MHz; Duty Cycle: 1:1.57943
 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.67$ S/m; $\epsilon_r = 39.682$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.53, 7.53, 7.53); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.309 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 6.169 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 0.376 W/kg
SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.096 W/kg
 Maximum value of SAR (measured) = 0.310 W/kg



0 dB = 0.310 W/kg = -5.09 dBW/kg



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Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 40 20M QPSK 1RB25 Left cheek Ch39200

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

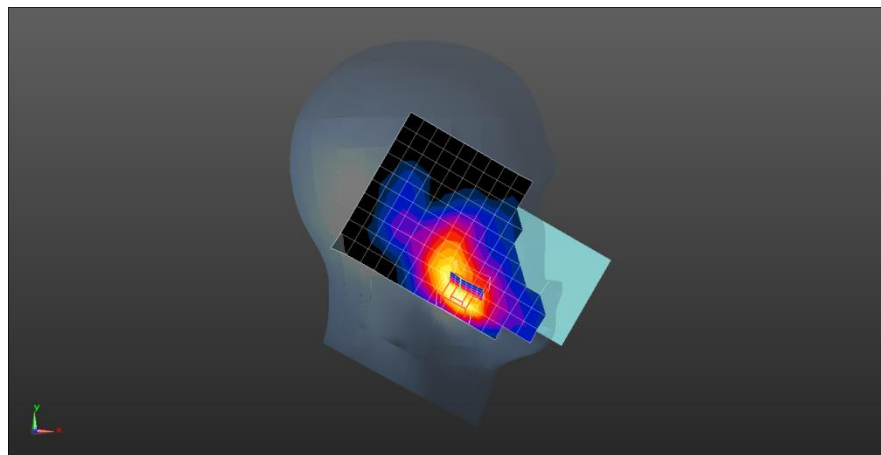
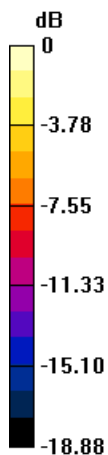
Communication System: UID 0, TDD_LTE (0); Frequency: 2355 MHz; Duty Cycle: 1:1.57943
 Medium parameters used: $f = 2355 \text{ MHz}$; $\sigma = 1.718 \text{ S/m}$; $\epsilon_r = 39.548$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.53, 7.53, 7.53); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.627 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 3.144 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 0.867 W/kg
SAR(1 g) = 0.425 W/kg; SAR(10 g) = 0.183 W/kg
 Maximum value of SAR (measured) = 0.638 W/kg



0 dB = 0.638 W/kg = -1.95 dBW/kg



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Date: 2022/06/21

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 40 20M QPSK 1RB25 Left Side Ch39200 10mm

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

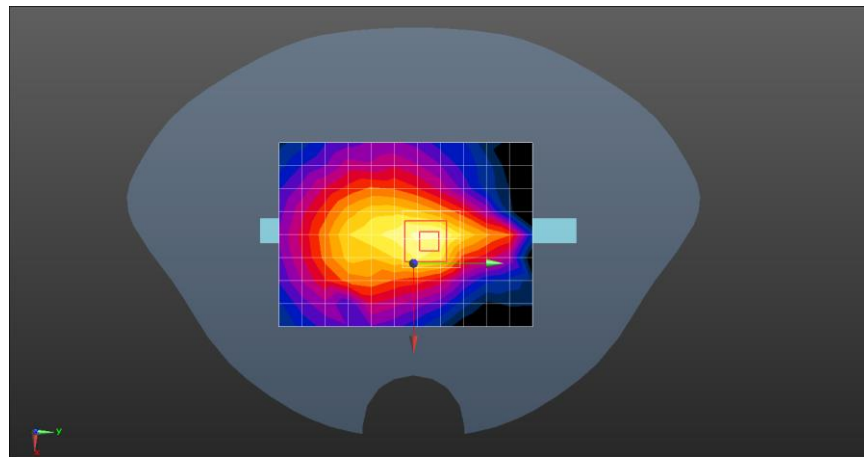
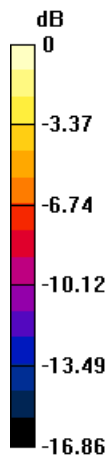
Communication System: UID 0, TDD_LTE (0); Frequency: 2355 MHz; Duty Cycle: 1:1.57943
 Medium parameters used: $f = 2355 \text{ MHz}$; $\sigma = 1.718 \text{ S/m}$; $\epsilon_r = 39.548$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.53, 7.53, 7.53); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (8x11x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 0.323 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 6.215 V/m; Power Drift = 0.05 dB
 Peak SAR (extrapolated) = 0.393 W/kg
SAR(1 g) = 0.231 W/kg; SAR(10 g) = 0.118 W/kg



0 dB = 0.323 W/kg = -4.91 dBW/kg



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Date: 2022/07/21

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 41 20M QPSK 1RB0 Right cheek Ch41490

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

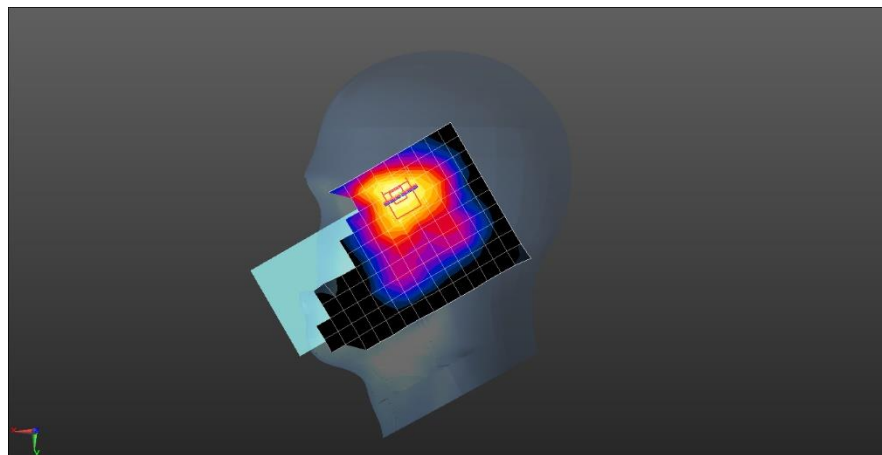
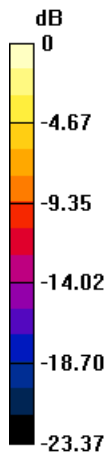
Communication System: UID 0, TDD_LTE (0); Frequency: 2680 MHz; Duty Cycle: 1:1.57943
 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.087$ S/m; $\epsilon_r = 38.323$; $\rho = 1000$ kg/m³
 Phantom section: Right Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.27, 7.27, 7.27); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 458 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 1.994 V/m; Power Drift = -0.18 dB
 Peak SAR (extrapolated) = 0.621 W/kg
SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.124 W/kg
 Maximum value of SAR (measured) = 0.461 W/kg



0 dB = 0.461 W/kg = -3.36 dBW/kg



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Date: 2022/07/21

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 41 20M QPSK 1RB0 Left Side Ch41490 10mm

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

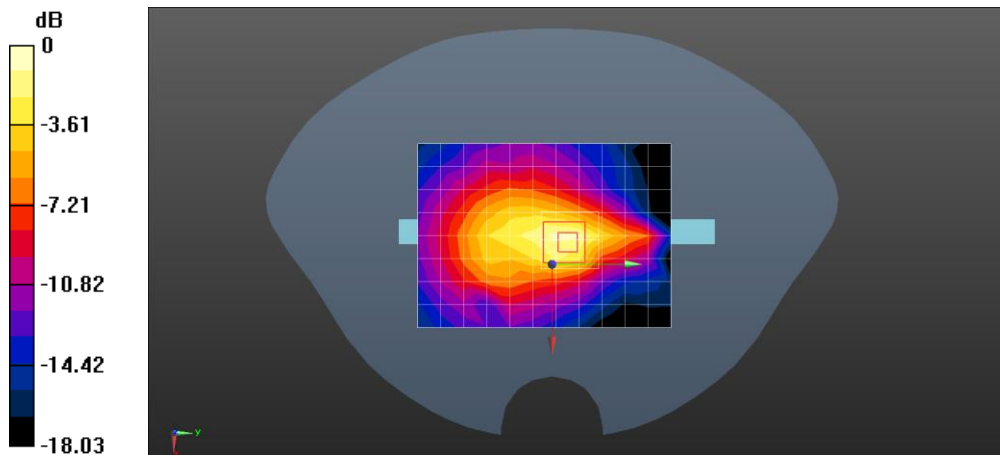
Communication System: UID 0, TDD_LTE (0); Frequency: 2680 MHz; Duty Cycle: 1:1.57943
 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.087$ S/m; $\epsilon_r = 38.323$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.27, 7.27, 7.27); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.676 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 16.05 V/m; Power Drift = -0.18 dB
 Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.511 W/kg; SAR(10 g) = 0.235 W/kg
 Maximum value of SAR (measured) = 0.770 W/kg



0 dB = 0.770 W/kg = -1.14 dBW/kg



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Date: 2022/06/27

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 42 20M QPSK 1RB50 Right cheek Ch41690

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

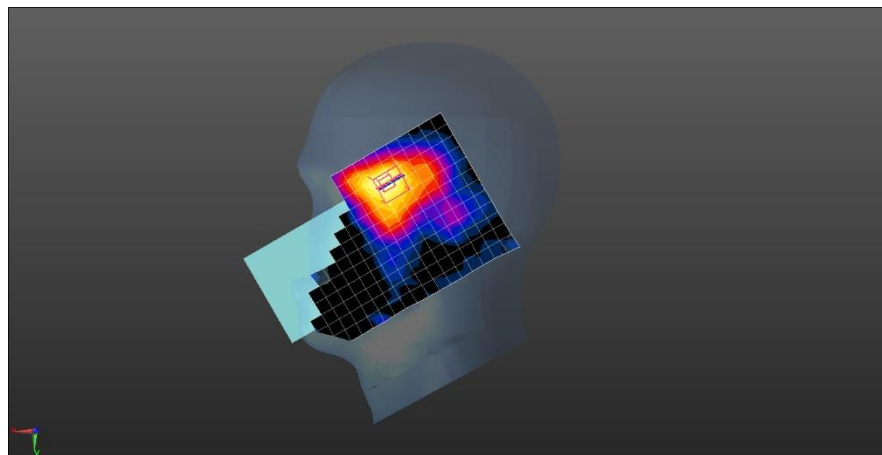
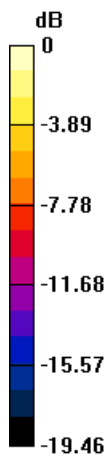
Communication System: UID 0, TDD_LTE (0); Frequency: 3410 MHz; Duty Cycle: 1:1.57943
 Medium parameters used: $f = 3410 \text{ MHz}$; $\sigma = 2.898 \text{ S/m}$; $\epsilon_r = 38.576$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(6.5, 6.5, 6.5); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (13x20x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.634 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 3.511 V/m; Power Drift = -0.07 dB
 Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.172 W/kg
 Maximum value of SAR (measured) = 0.741 W/kg



0 dB = 0.741 W/kg = -1.30 dBW/kg



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Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 42 20M QPSK 1RB50 Left Side Ch41690 10mm

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

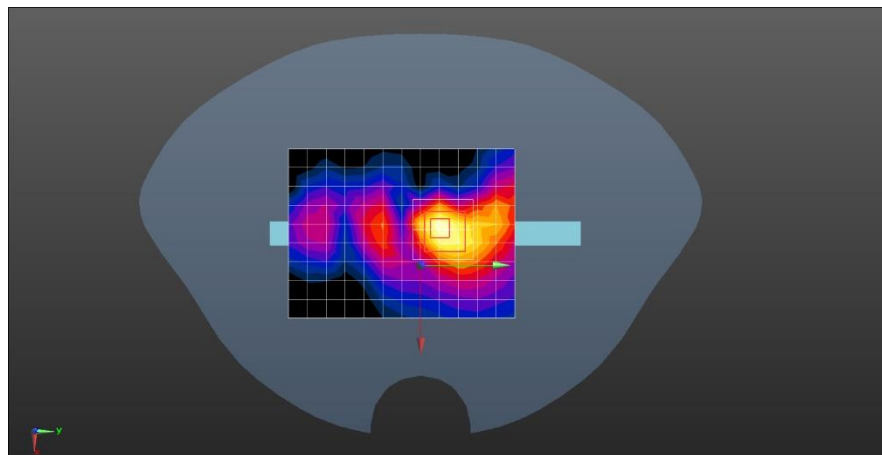
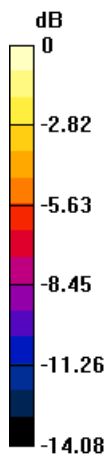
Communication System: UID 0, TDD_LTE (0); Frequency: 3410 MHz; Duty Cycle: 1:1.57943
 Medium parameters used: $f = 3410$ MHz; $\sigma = 2.898$ S/m; $\epsilon_r = 38.576$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(6.5, 6.5, 6.5); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.464 W/kg

Configuration/Head/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 8.970 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 0.601 W/kg
SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.110 W/kg
 Maximum value of SAR (measured) = 0.454 W/kg



0 dB = 0.454 W/kg = -3.43 dBW/kg



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Date: 2022/06/29

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 48 20M QPSK 1RB99 Right cheek Ch56640

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

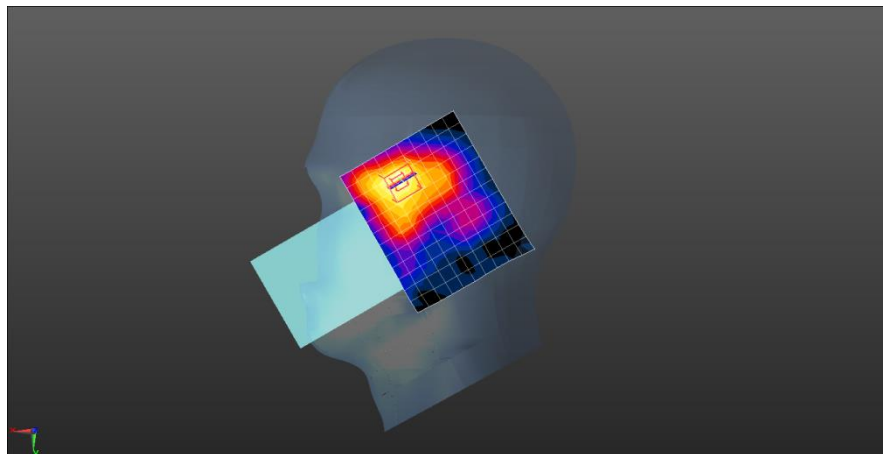
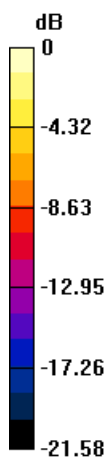
Communication System: UID 0, TDD_LTE (0); Frequency: 3760 MHz; Duty Cycle: 1:1.57943
 Medium parameters used: $f = 3760 \text{ MHz}$; $\sigma = 3.25 \text{ S/m}$; $\epsilon_r = 37.456$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(6.4, 6.4, 6.4); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (13x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (measured) = 1.43 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
 Reference Value = 5.877 V/m; Power Drift = 0.18 dB
 Peak SAR (extrapolated) = 2.31 W/kg
SAR(1 g) = 0.857 W/kg; SAR(10 g) = 0.349 W/kg
 Maximum value of SAR (measured) = 1.68 W/kg



0 dB = 1.68 W/kg = 2.25 dBW/kg



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Date: 2022/06/29

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

LTE Band 48 20M QPSK 1RB99 Left Side Ch56640 10mm

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

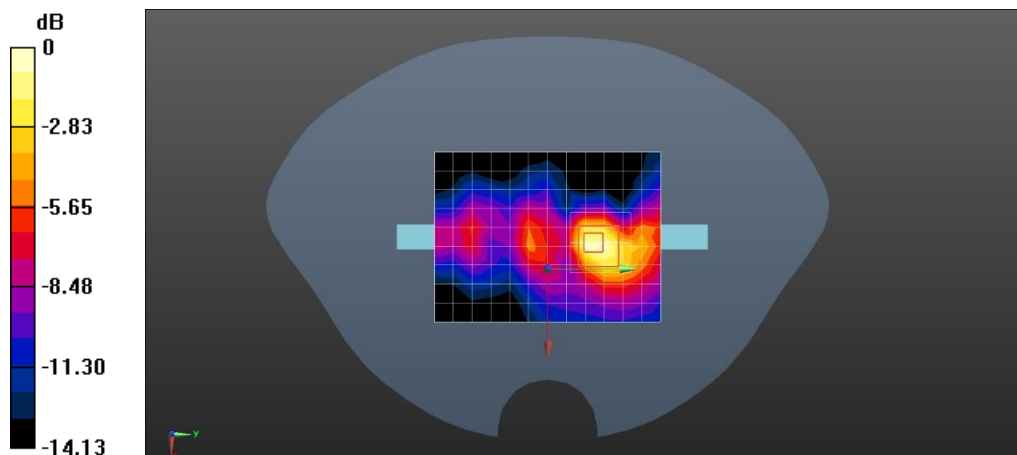
Communication System: UID 0, TDD_LTE (0); Frequency: 3760 MHz; Duty Cycle: 1:1.57943
 Medium parameters used: $f = 3760 \text{ MHz}$; $\sigma = 3.25 \text{ S/m}$; $\epsilon_r = 37.456$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(6.4, 6.4, 6.4); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (10x13x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (measured) = 0.451 W/kg

Configuration/Head/Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
 Reference Value = 6.233 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 0.657 W/kg
SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.105 W/kg
 Maximum value of SAR (measured) = 0.504 W/kg



0 dB = 0.504 W/kg = -2.98 dBW/kg

Date: 2022/06/19



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Test Laboratory: Compliance Certification Services (Kunshan) Inc.

FR1 N2 20M QPSK 1RB104 Left cheek Ch380000

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

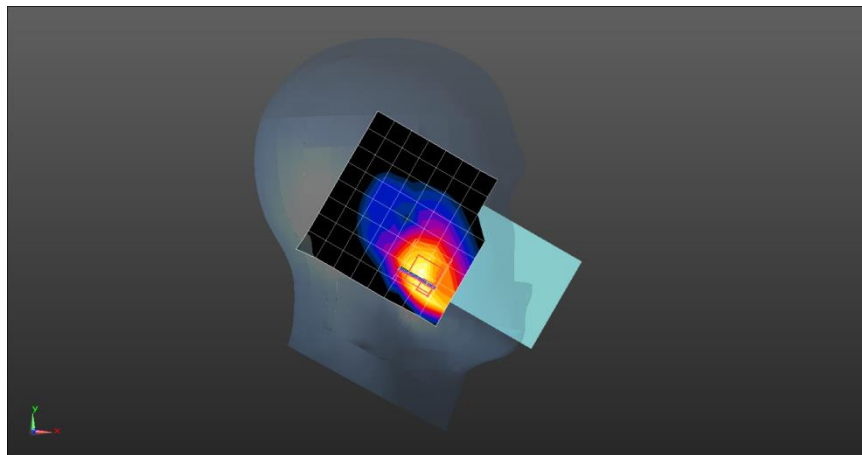
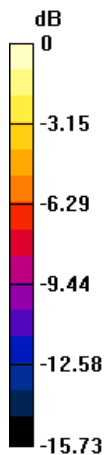
Communication System: UID 0, 5G NR (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.413 \text{ S/m}$; $\epsilon_r = 41.789$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.88, 7.88, 7.88); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.780 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 6.629 V/m; Power Drift = -0.19 dB
 Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.263 W/kg
 Maximum value of SAR (measured) = 0.833 W/kg



0 dB = 0.833 W/kg = -0.79 dBW/kg



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t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

Date: 2022/06/19

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

FR1 N2 20M Qpsk 1RB104 Left Side Ch380000

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

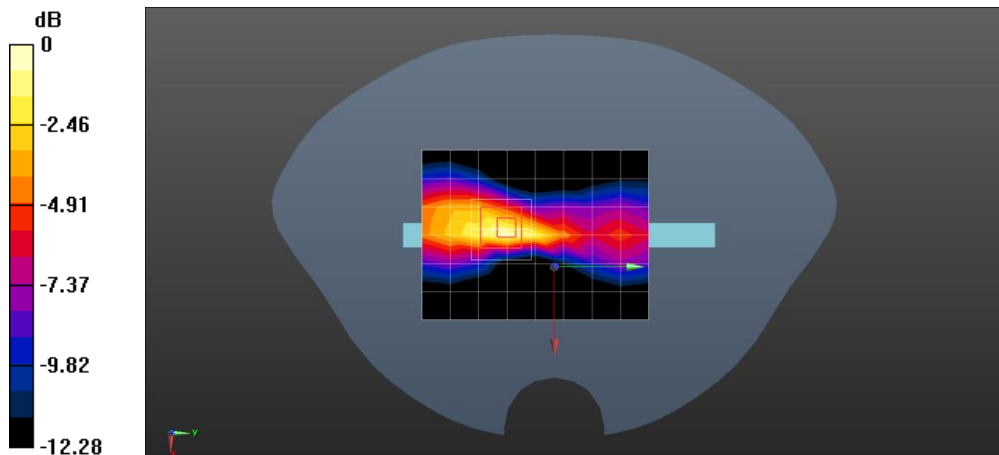
Communication System: UID 0, 5G NR (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.413 \text{ S/m}$; $\epsilon_r = 41.789$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.88, 7.88, 7.88); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.454 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 13.87 V/m; Power Drift = -0.15 dB
 Peak SAR (extrapolated) = 0.592 W/kg
SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.163 W/kg
 Maximum value of SAR (measured) = 0.487 W/kg



0 dB = 0.487 W/kg = -3.12 dBW/kg



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 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

Date: 2022/06/15

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

FR1 N5 20M BPSK 1RB104 Back Side Ch167800

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

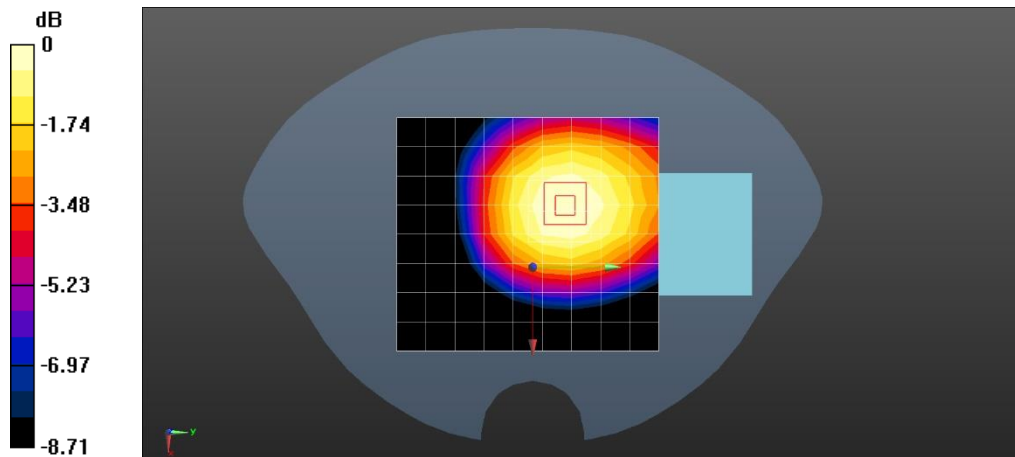
Communication System: UID 0, 5G NR (0); Frequency: 839 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 839 \text{ MHz}$; $\sigma = 0.893 \text{ S/m}$; $\epsilon_r = 40.946$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(9.25, 9.25, 9.25); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.306 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 16.66 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 0.333 W/kg
SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.189 W/kg
 Maximum value of SAR (measured) = 0.307 W/kg



0 dB = 0.307 W/kg = -5.13 dBW/kg



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Test Laboratory: Compliance Certification Services (Kunshan) Inc.

FR1 N5 20M BPSK 1RB104 Left cheek Ch167800

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

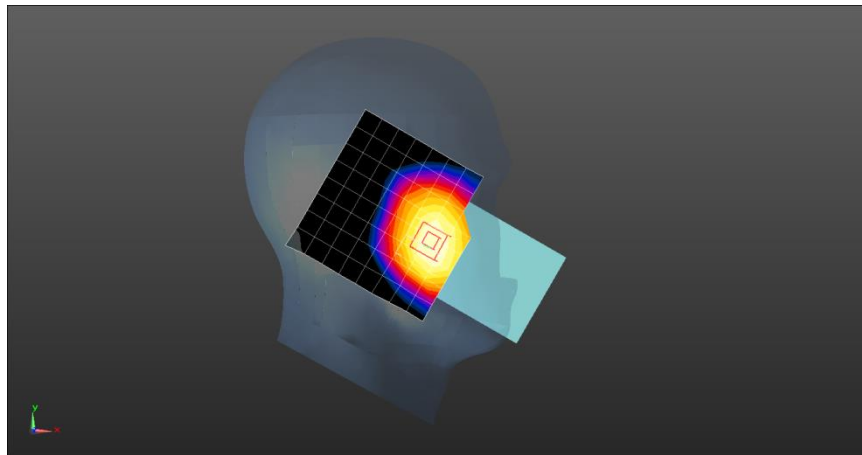
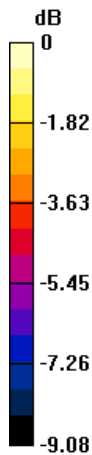
Communication System: UID 0, 5G NR (0); Frequency: 839 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 839 \text{ MHz}$; $\sigma = 0.893 \text{ S/m}$; $\epsilon_r = 40.946$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(9.25, 9.25, 9.25); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (9x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.253 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 3.994 V/m; Power Drift = 0.05 dB
 Peak SAR (extrapolated) = 0.310 W/kg
SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.135 W/kg
 Maximum value of SAR (measured) = 0.287 W/kg



0 dB = 0.287 W/kg = -5.42 dBW/kg



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Test Laboratory: Compliance Certification Services (Kunshan) Inc.

FR1 N41 100M QPSK 1RB271 Back Side Ch528000

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

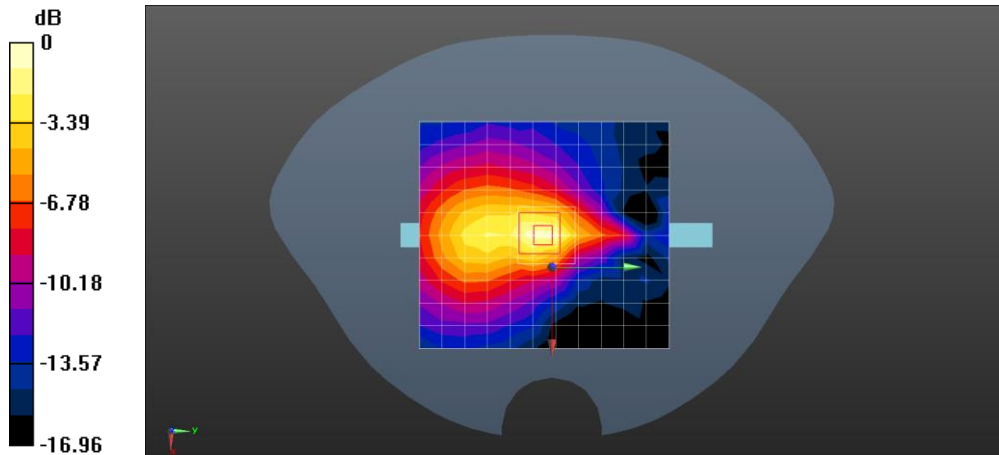
Communication System: UID 0, 5G NR (0); Frequency: 2640 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2640$ MHz; $\sigma = 2.041$ S/m; $\epsilon_r = 38.516$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.27, 7.27, 7.27); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (11x12x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.393 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 16.13 V/m; Power Drift = -0.07 dB
 Peak SAR (extrapolated) = 0.550 W/kg
SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.120 W/kg
 Maximum value of SAR (measured) = 0.429 W/kg



0 dB = 0.429 W/kg = -3.68 dBW/kg



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Test Laboratory: Compliance Certification Services (Kunshan) Inc.

FR1 N41 100M QPSK 1RB271 Right cheek Ch528000

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

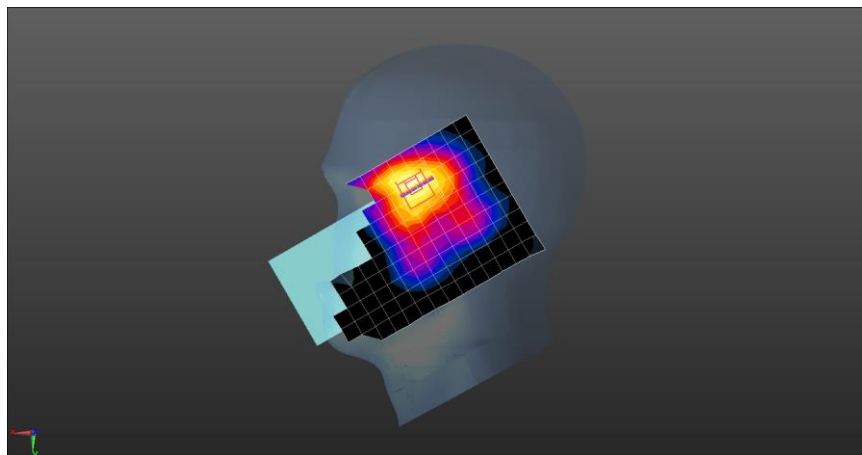
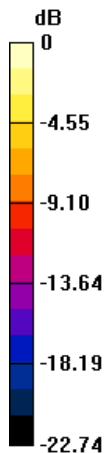
Communication System: UID 0, 5G NR (0); Frequency: 2640 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2640$ MHz; $\sigma = 2.041$ S/m; $\epsilon_r = 38.516$; $\rho = 1000$ kg/m³
 Phantom section: Right Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.27, 7.27, 7.27); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 2.03 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 7.113 V/m; Power Drift = -0.16 dB
 Peak SAR (extrapolated) = 2.83 W/kg
SAR(1 g) = 0.924 W/kg; SAR(10 g) = 0.525 W/kg
 Maximum value of SAR (measured) = 2.04 W/kg



0 dB = 2.04 W/kg = 3.10 dBW/kg



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Test Laboratory: Compliance Certification Services (Kunshan) Inc.

FR1 N66 20M QPSK 1RB104 Left cheek Ch349000

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

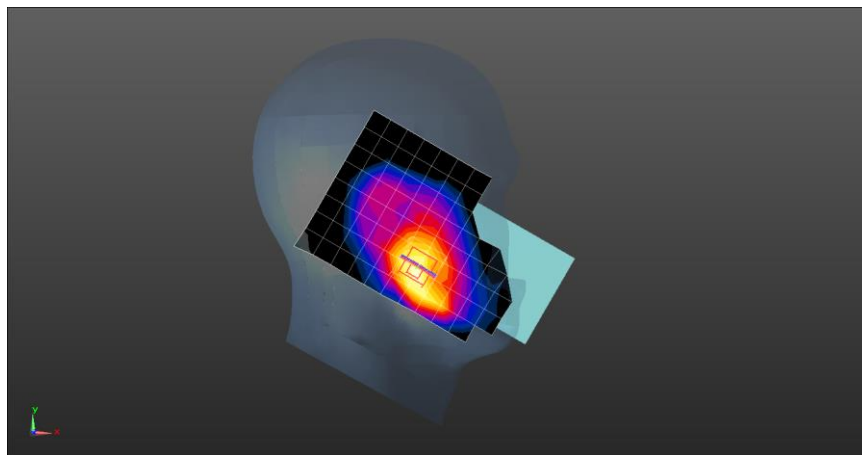
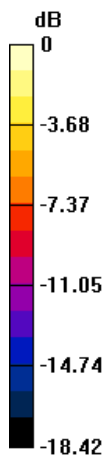
Communication System: UID 0, 5G NR (0); Frequency: 1745 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1745 \text{ MHz}$; $\sigma = 1.336 \text{ S/m}$; $\epsilon_r = 40.697$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(8.09, 8.09, 8.09); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.802 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 7.730 V/m; Power Drift = -0.19 dB
 Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.524 W/kg; SAR(10 g) = 0.284 W/kg
 Maximum value of SAR (measured) = 0.809 W/kg



0 dB = 0.809 W/kg = -0.92 dBW/kg



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Date: 2022/06/17

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

FR1 N66 20M QPSK 1RB104 Left Side Ch349000

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

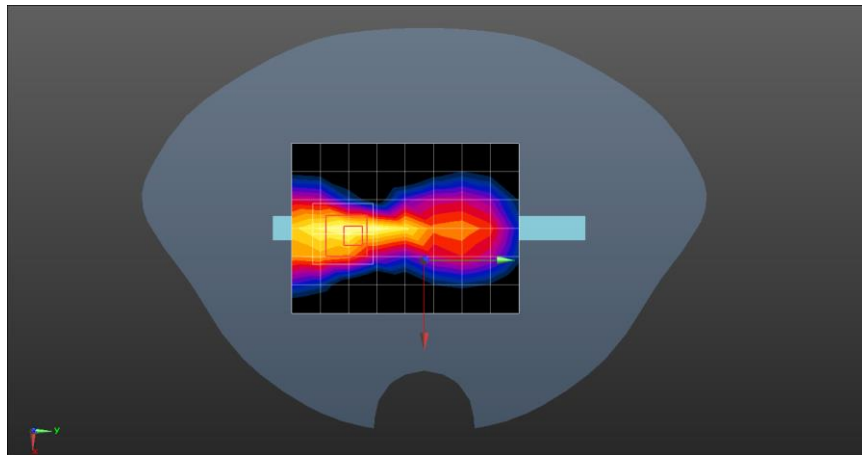
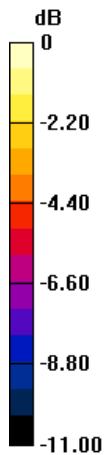
Communication System: UID 0, 5G NR (0); Frequency: 1745 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1745 \text{ MHz}$; $\sigma = 1.336 \text{ S/m}$; $\epsilon_r = 40.697$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(8.09, 8.09, 8.09); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.263 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 10.94 V/m; Power Drift = -0.41 dB
 Peak SAR (extrapolated) = 0.359 W/kg
SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.111 W/kg
 Maximum value of SAR (measured) = 0.302 W/kg



0 dB = 0.302 W/kg = -5.20 dBW/kg



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Test Laboratory: Compliance Certification Services (Kunshan) Inc.

FR1 N71 20M QPSK 1RB1 Back Side Ch134600

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

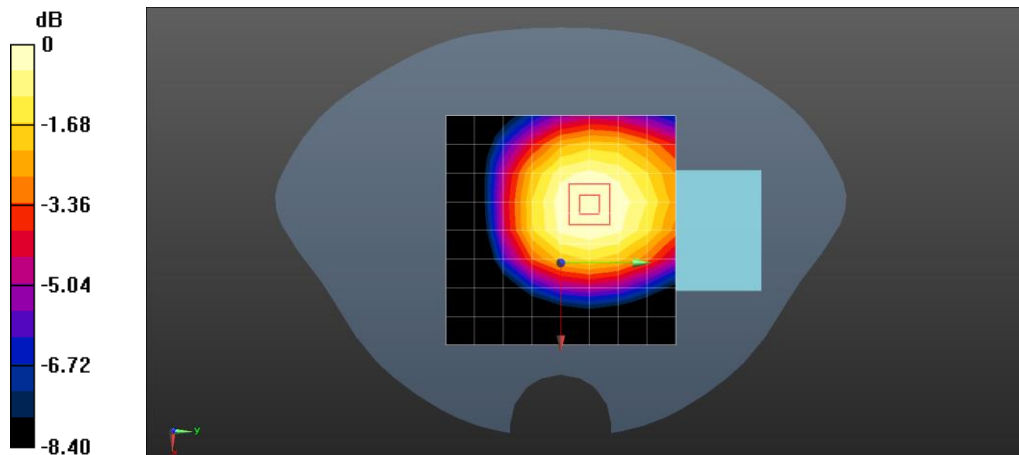
Communication System: UID 0, 5G NR (0); Frequency: 673 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 673 \text{ MHz}$; $\sigma = 0.831 \text{ S/m}$; $\epsilon_r = 43.561$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(9.39, 9.39, 9.39); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (9x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.272 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 14.17 V/m; Power Drift = -0.03 dB
 Peak SAR (extrapolated) = 0.285 W/kg
SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.168 W/kg
 Maximum value of SAR (measured) = 0.264 W/kg



0 dB = 0.264 W/kg = -5.78 dBW/kg



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Date: 2022/06/13

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

FR1 N71 20M QPSK 1RB1 Left cheek Ch134600

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

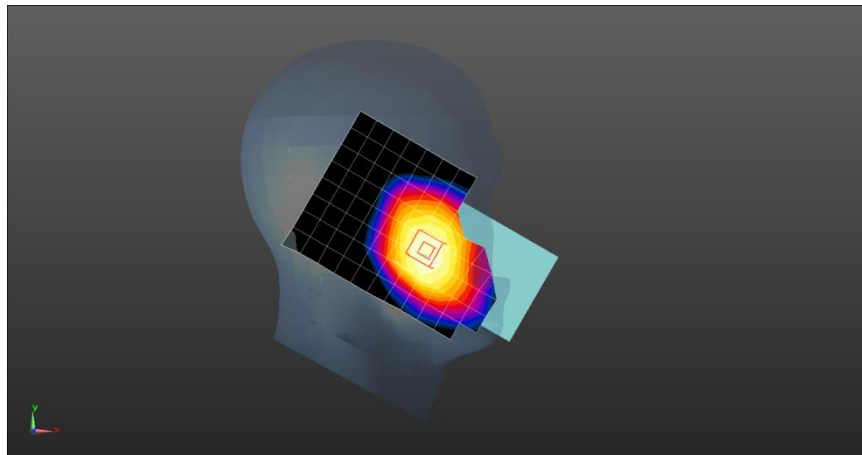
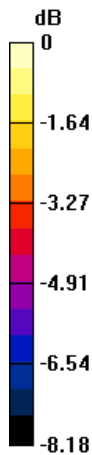
Communication System: UID 0, 5G NR (0); Frequency: 673 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 673 \text{ MHz}$; $\sigma = 0.831 \text{ S/m}$; $\epsilon_r = 43.561$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(9.39, 9.39, 9.39); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.175 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 3.859 V/m; Power Drift = 0.07 dB
 Peak SAR (extrapolated) = 0.185 W/kg
SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.113 W/kg
 Maximum value of SAR (measured) = 0.172 W/kg



0 dB = 0.172 W/kg = -7.64 dBW/kg



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Test Laboratory: Compliance Certification Services (Kunshan) Inc.

Bluetooth DH5 GFSK Left cheek Ch39 0mm

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

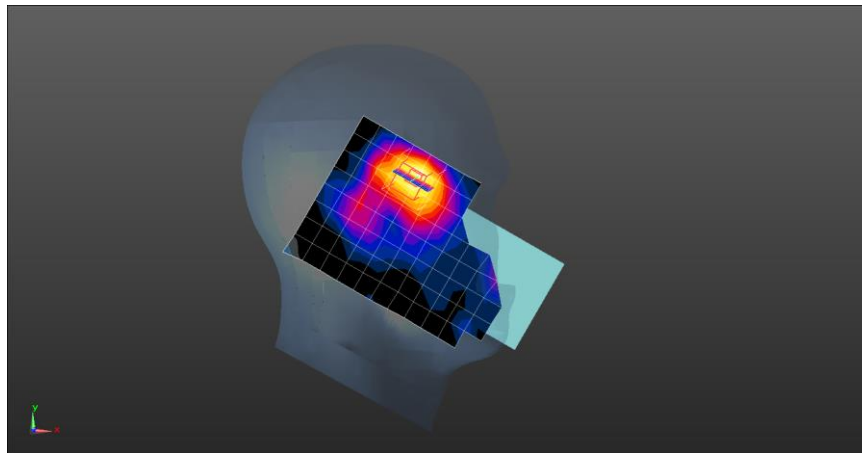
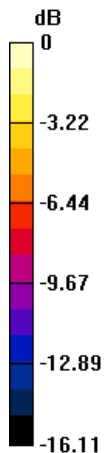
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.815 \text{ S/m}$; $\epsilon_r = 39.175$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section
 Measurement Standard: DAS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.36, 7.36, 7.36); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.247 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 4.846 V/m; Power Drift = 0.19 dB
 Peak SAR (extrapolated) = 0.338 W/kg
SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.082 W/kg
 Maximum value of SAR (measured) = 0.269 W/kg



0 dB = 0.269 W/kg = -5.70 dBW/kg



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Test Laboratory: Compliance Certification Services (Kunshan) Inc.

Bluetooth DH5 GFSK Back side Ch39 10mm

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

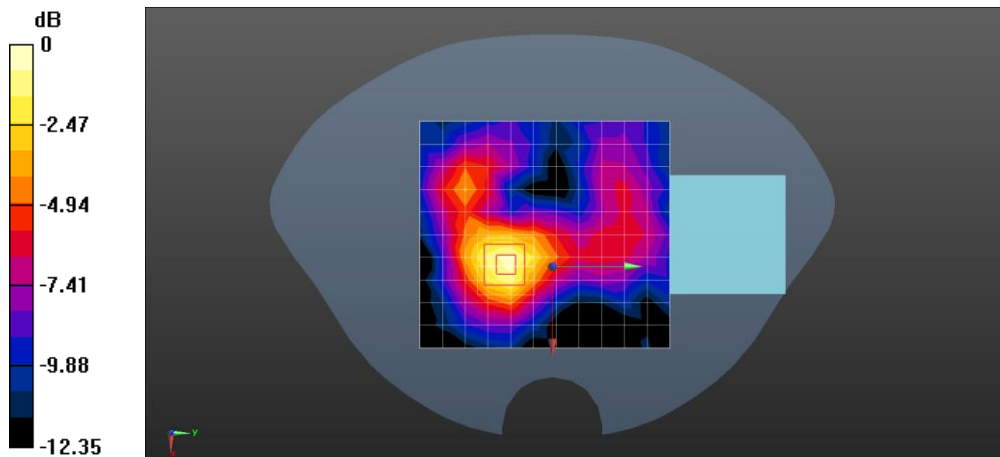
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.815 \text{ S/m}$; $\epsilon_r = 39.175$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.36, 7.36, 7.36); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head/Area Scan (11x12x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.0761 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 3.871 V/m; Power Drift = -0.03 dB
 Peak SAR (extrapolated) = 0.101 W/kg
SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.030 W/kg
 Maximum value of SAR (measured) = 0.0814 W/kg



0 dB = 0.0814 W/kg = -10.89 dBW/kg



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Date: 2022/06/23

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

WLAN2.4GHz 802.11b Left cheek Ch6

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

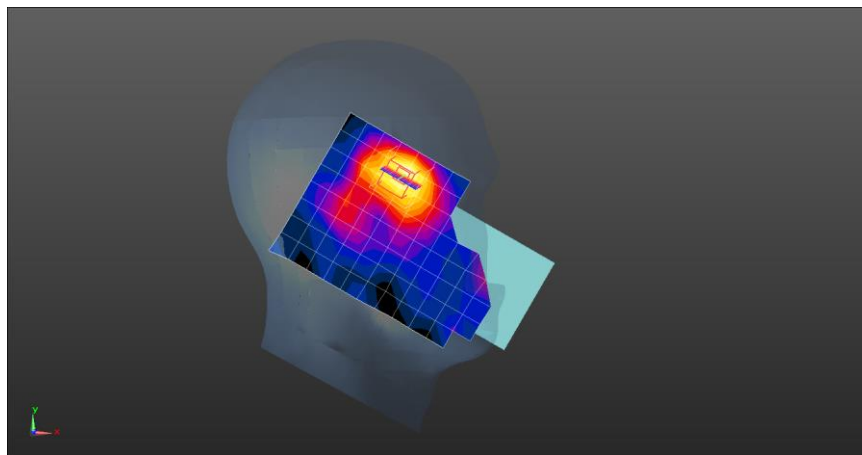
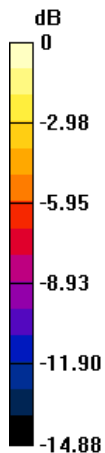
Communication System: UID 0, WiFi (0); Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.811 \text{ S/m}$; $\epsilon_r = 39.198$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.36, 7.36, 7.36); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Body/Area Scan (11x16x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (measured) = 0.477 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
 Reference Value = 5.849 V/m; Power Drift = 0.01 dB
 Peak SAR (extrapolated) = 0.726 W/kg
SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.149 W/kg
 Maximum value of SAR (measured) = 0.536 W/kg



0 dB = 0.536 W/kg = -2.71 dBW/kg



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Date: 2022/06/23

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

WLAN2.4GHz 802.11b Right side Ch6 10mm

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

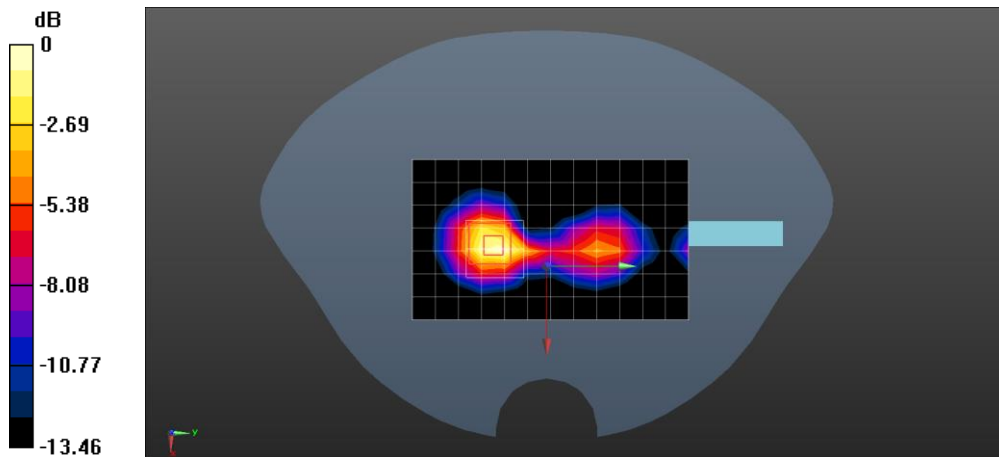
Communication System: UID 0, WiFi (0); Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.811 \text{ S/m}$; $\epsilon_r = 39.198$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.36, 7.36, 7.36); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.120 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 4.351 V/m; Power Drift = -0.05 dB
 Peak SAR (extrapolated) = 0.152 W/kg
SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.044 W/kg
 Maximum value of SAR (measured) = 0.123 W/kg



0 dB = 0.123 W/kg = -9.10 dBW/kg



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Test Laboratory: Compliance Certification Services (Kunshan) Inc.

WLAN5GHz 802.11a Back side Ch48 10mm

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

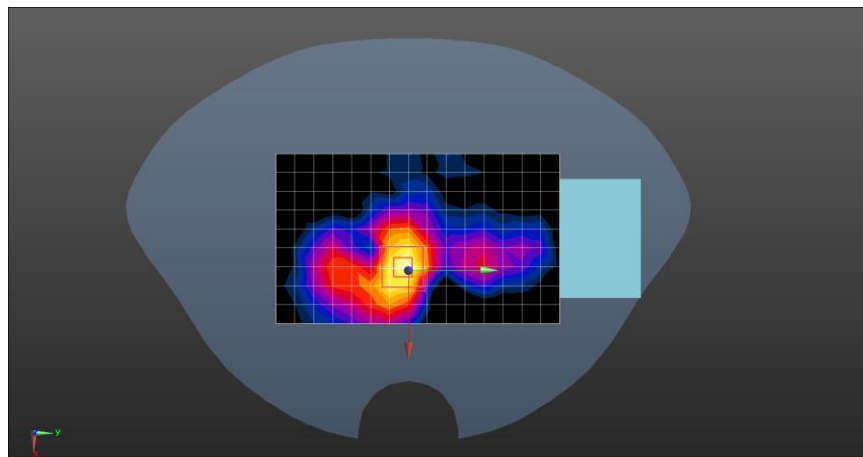
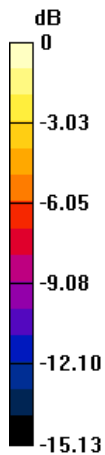
Communication System: UID 0, WiFi (0); Frequency: 5240 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5240 \text{ MHz}$; $\sigma = 4.606 \text{ S/m}$; $\epsilon_r = 35.54$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(5.2, 5.2, 5.2); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.411 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 7.982 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 0.636 W/kg
SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.089 W/kg
 Maximum value of SAR (measured) = 0.415 W/kg



0 dB = 0.415 W/kg = -3.82 dBW/kg



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No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
 中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

Date: 2022/06/30

Test Laboratory: Compliance Certification Services (Kunshan) Inc.

WLAN5GHz 802.11a Left cheek Ch48

DUT: 5G XSecure Rugged Device; Type: PNC560/ PNC560 SCAN

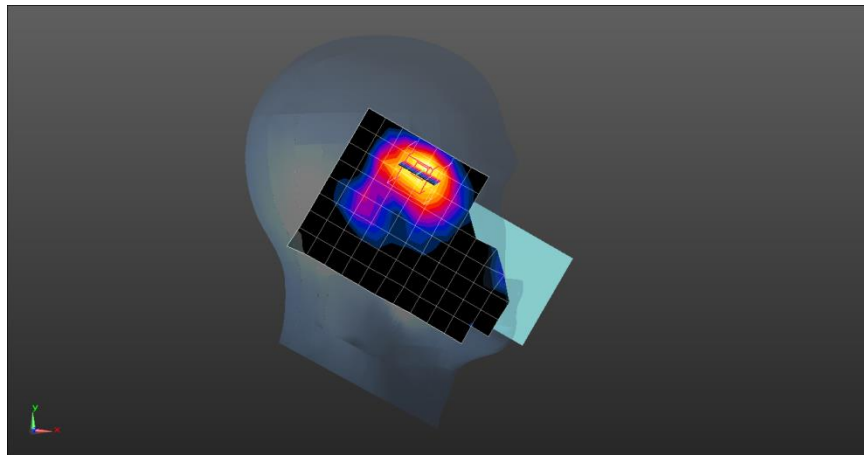
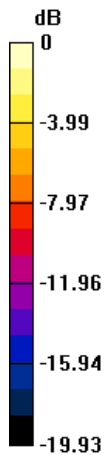
Communication System: UID 0, WiFi (0); Frequency: 5240 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5240 \text{ MHz}$; $\sigma = 4.606 \text{ S/m}$; $\epsilon_r = 35.54$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(5.2, 5.2, 5.2); Calibrated: 2022/03/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2022/05/30
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASYS2, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Body/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 1.68 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 3.184 V/m; Power Drift = 0.06 dB
 Peak SAR (extrapolated) = 3.05 W/kg
SAR(1 g) = 0.771 W/kg; SAR(10 g) = 0.285 W/kg
 Maximum value of SAR (measured) = 1.81 W/kg



0 dB = 1.81 W/kg = 2.58 dBW/kg



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 中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com