

# Appendix B

## Detailed Test Results

Date: 2021/08/27

Test Laboratory: Compliance Certification Services Inc.

**NTN-LX3 GSM850 GPRS 2TS 190CH Back side 15mm Ant1-HR04**

**DUT: NTN-LX3; Type: Smart Phone; Serial: ACSPUT1203000179**

Communication System: UID 0, GPRS/EGPRS Mode(2up) Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.14954

Medium parameters used:  $f = 837 \text{ MHz}$ ;  $\sigma = 0.912 \text{ S/m}$ ;  $\epsilon_r = 40.599$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.52, 9.52, 9.52); Calibrated: 2021/05/31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2021/05/19
- 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)

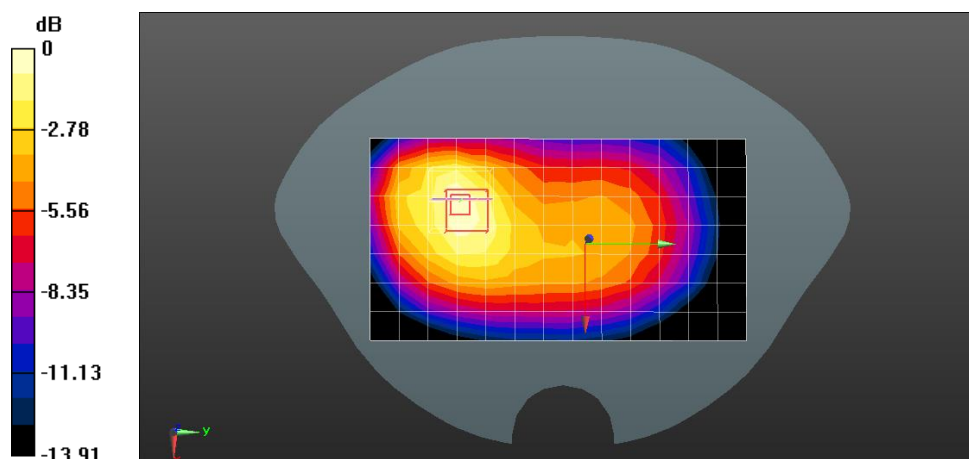
**Configuration/Body/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.195 W/kg

**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 9.273 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.274 W/kg

**SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.105 W/kg**

Maximum value of SAR (measured) = 0.193 W/kg



0 dB = 0.193 W/kg = -7.14 dBW/kg

Date: 2021/08/30

Test Laboratory: Compliance Certification Services Inc.

**NTN-LX3 GSM 1900 GSM 661CH Left tilted Ant2-HR05**

**DUT: NTN-LX3; Type: Smart Phone; Serial: ACSPUT1203000179**

Communication System: UID 0, GSM Only Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.36 \text{ S/m}$ ;  $\epsilon_r = 40.732$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5 Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.89, 7.89, 7.89); Calibrated: 2021/05/31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2021/05/19
- 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 (8x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.685 W/kg

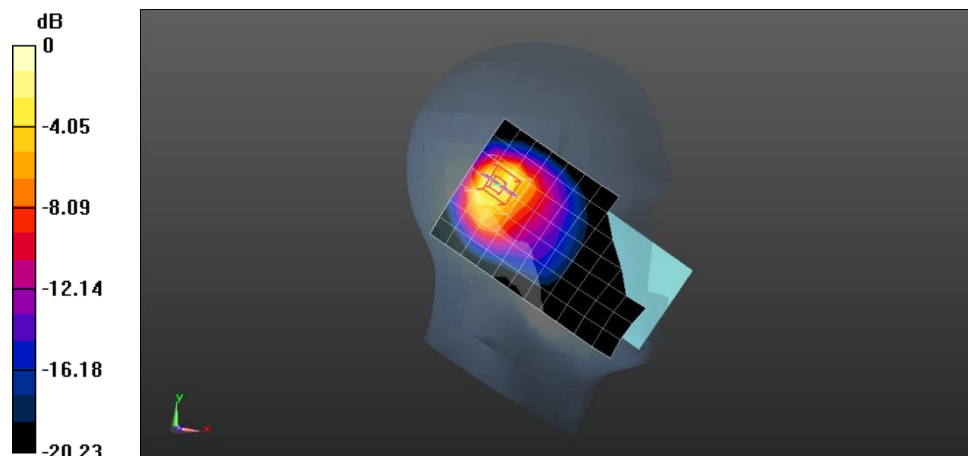
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 16.34 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.589 W/kg; SAR(10 g) = 0.253 W/kg**

Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

Date: 2021/08/30

Test Laboratory: Compliance Certification Services Inc.

**NTN-LX3 WCDMA Band II RMC 9400CH Left tilted Ant2-HR03**

**DUT: NTN-LX3; Type: Smart Phone; Serial: ACSPUT1203000171**

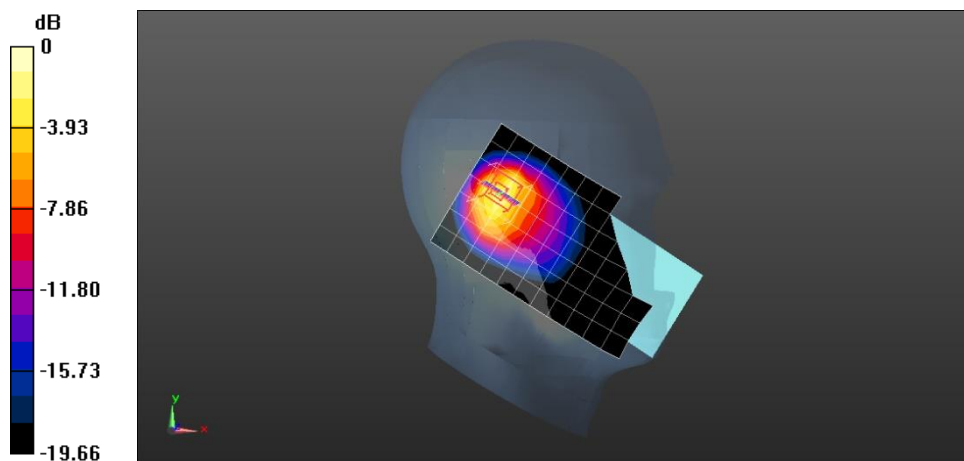
Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.36 \text{ S/m}$ ;  $\epsilon_r = 40.732$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Left Section  
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5 Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.89, 7.89, 7.89); Calibrated: 2021/05/31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2021/05/19
- 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 (8x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.546 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 = 16.66 V/m; Power Drift = 0.13 dB  
 Peak SAR (extrapolated) = 1.07 W/kg  
**SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.167 W/kg**  
 Maximum value of SAR (measured) = 0.92 W/kg



0 dB = 0.92 W/kg = -0.36 dBW/kg

Date: 2021/08/28

Test Laboratory: Compliance Certification Services Inc.

**NTN-LX3 WCDMA Band IV RMC 1412CH Left tilted Ant2-HR03**

**DUT: NTN-LX3; Type: Smart Phone; Serial: ACSPUT1203000179**

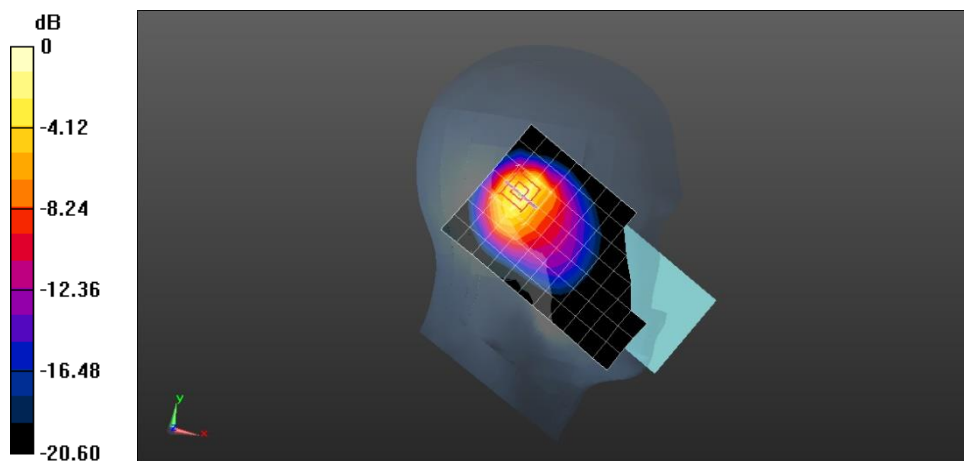
Communication System: UID 0, WCDMA (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 1732.4 \text{ MHz}$ ;  $\sigma = 1.322 \text{ S/m}$ ;  $\epsilon_r = 40.596$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Left Section  
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5 Configuration:

- Probe: EX3DV4 - SN3798; ConvF(8.22, 8.22, 8.22); Calibrated: 2021/05/31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2021/05/19
- 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 (8x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.722 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 = 17.57 V/m; Power Drift = 0.01 dB  
 Peak SAR (extrapolated) = 1.16 W/kg  
**SAR(1 g) = 0.474 W/kg; SAR(10 g) = 0.183 W/kg**  
 Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg

Date: 2021/08/27

Test Laboratory: Compliance Certification Services Inc.

**NTN-LX3 WCDMA Band V 4182CH Back side 10mm Ant1-HR04**

**DUT: NTN-LX3; Type: Smart Phone; Serial: ACSPUT1203000179**

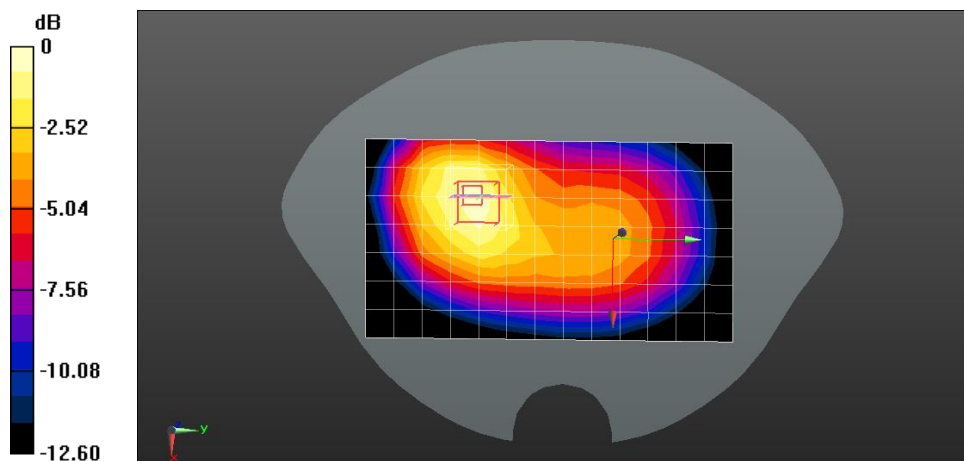
Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.909 \text{ S/m}$ ;  $\epsilon_r = 40.614$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section  
 Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.52, 9.52, 9.52); Calibrated: 2021/05/31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2021/05/19
- 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 (8x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.407 W/kg

**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 13.33 V/m; Power Drift = -0.10 dB  
 Peak SAR (extrapolated) = 0.713 W/kg  
**SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.123 W/kg**  
 Maximum value of SAR (measured) = 0.429 W/kg



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

Date: 2021/08/30

Test Laboratory: Compliance Certification Services Inc.

**NTN-LX3 LTE Band 2 20M QPSK 50RB0 18900CH Left tilted Ant2-HR03**

**DUT: NTN-LX3; Type: Smart Phone; Serial: ACSPUT1203000171**

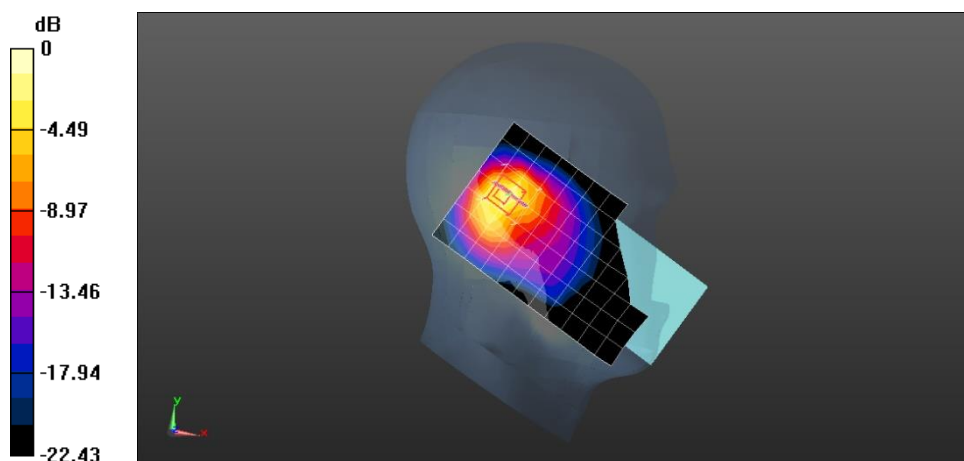
Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.36 \text{ S/m}$ ;  $\epsilon_r = 40.732$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Left Section  
 Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY5 Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.89, 7.89, 7.89); Calibrated: 2021/05/31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2021/05/19
- 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 (8x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.712 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 = 19.43 V/m; Power Drift = -0.04 dB  
 Peak SAR (extrapolated) = 1.26 W/kg  
**SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.238 W/kg**  
 Maximum value of SAR (measured) = 0.97 W/kg



0 dB = 0.97 W/kg = -0.13 dBW/kg

Date: 2021/08/28

Test Laboratory: Compliance Certification Services Inc.

**NTN-LX3 LTE Band 4 20M QPSK 50RB0 20175CH Left tilted Ant2-HR05**

**DUT: NTN-LX3; Type: Smart Phone; Serial: ACSPUT1203000171**

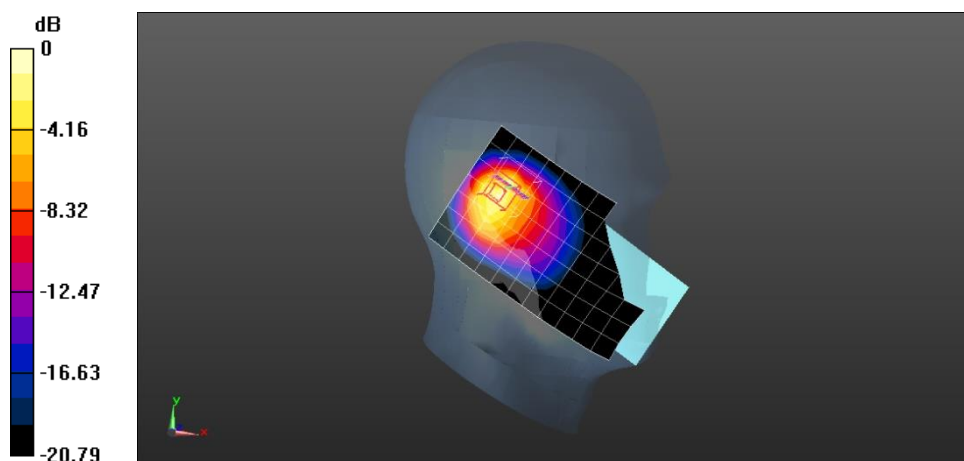
Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.322$  S/m;  $\epsilon_r = 40.586$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section  
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5 Configuration:

- Probe: EX3DV4 - SN3798; ConvF(8.22, 8.22, 8.22); Calibrated: 2021/05/31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2021/05/19
- 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 (8x14x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.587 W/kg

**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 15.87 V/m; Power Drift = 0.14 dB  
 Peak SAR (extrapolated) = 0.97 W/kg  
**SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.208 W/kg**  
 Maximum value of SAR (measured) = 0.81 W/kg



0 dB = 0.81 W/kg = -0.92 dBW/kg



Date: 2021/08/27

Test Laboratory: Compliance Certification Services Inc.

**NTN-LX3 LTE Band 5 10M QPSK 25RB25 20450CH Back side 10mm Ant1-HR04**

**DUT: NTN-LX3; Type: Smart Phone; Serial: ACSPUT1203000179**

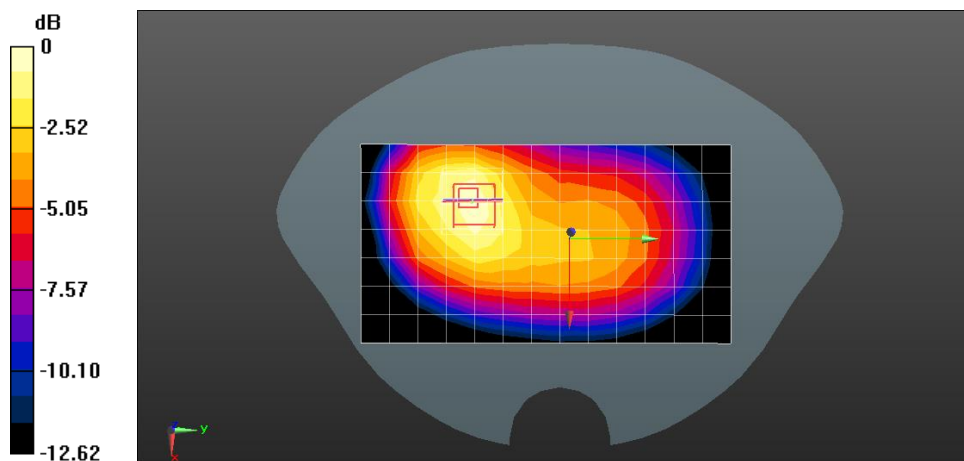
Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 829 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 829 \text{ MHz}$ ;  $\sigma = 0.905 \text{ S/m}$ ;  $\epsilon_r = 40.754$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section  
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.52, 9.52, 9.52); Calibrated: 2021/05/31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2021/05/19
- 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 (8x14x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.510 W/kg

**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 15.85 V/m; Power Drift = -0.12 dB  
 Peak SAR (extrapolated) = 0.732 W/kg  
**SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.113 W/kg**  
 Maximum value of SAR (measured) = 0.308 W/kg



0 dB = 0.308 W/kg = -5.11 dBW/kg

Date: 2021/08/26

Test Laboratory: Compliance Certification Services Inc.

**NTN-LX3 LTE Band 7 20M QPSK 50RB0 21350CH Right cheek Ant4-HR04**

**DUT: NTN-LX3; Type: Smart Phone; Serial: ACSPUT1203000179**

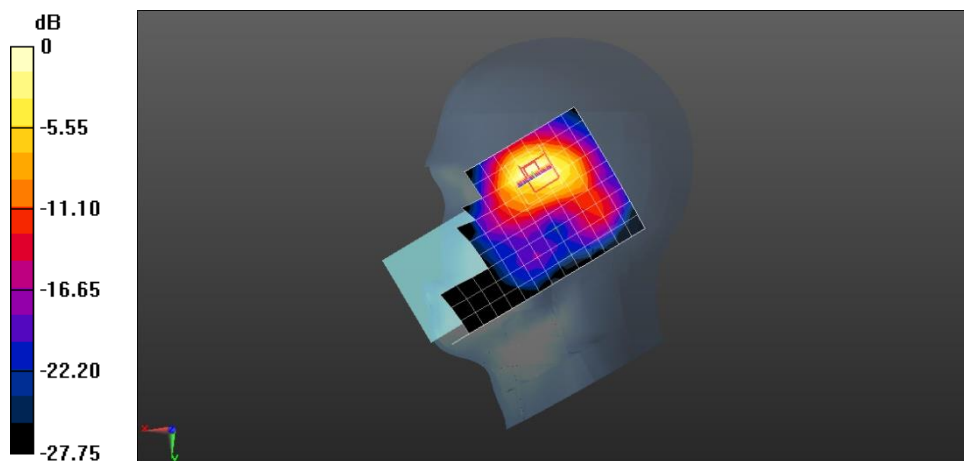
Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2560 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.905$  S/m;  $\epsilon_r = 39.079$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Right Section  
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5 Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.13, 7.13, 7.13); Calibrated: 2021/05/31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2021/05/19
- 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 (10x16x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (measured) = 1.17 W/kg

**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 5.580 V/m; Power Drift = 0.03 dB  
 Peak SAR (extrapolated) = 2.17 W/kg  
**SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.336 W/kg**  
 Maximum value of SAR (measured) = 1.62 W/kg



0 dB = 1.62 W/kg = 2.10 dBW/kg

Date: 2021/08/31

Test Laboratory: Compliance Certification Services Inc.

**NTN-LX3 LTE Band 12 10M QPSK 25RB13 23095CH Back side 10mm Ant1-HR04**

**DUT: NTN-LX3; Type: Smart Phone; Serial: ACSPUT1203000179**

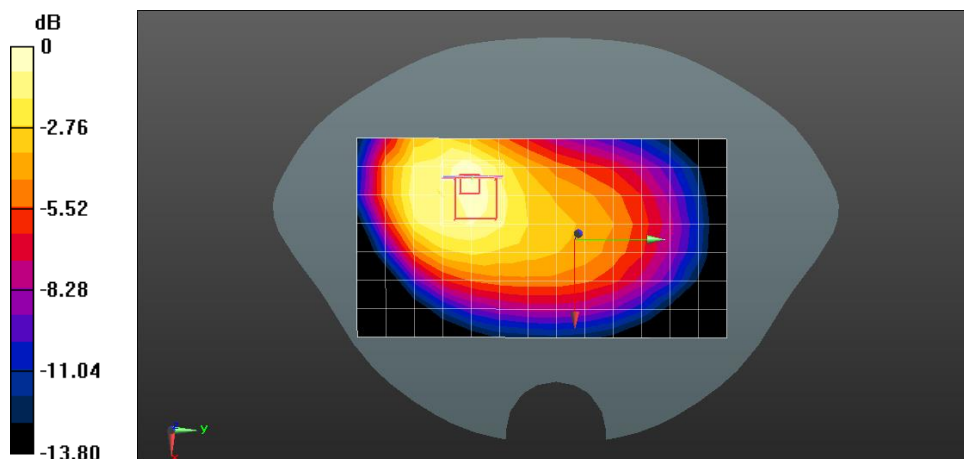
Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 707.5 MHz; Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 707.5 \text{ MHz}$ ;  $\sigma = 0.835 \text{ S/m}$ ;  $\epsilon_r = 43.526$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section  
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.78, 9.78, 9.78); Calibrated: 2021/05/31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2021/05/19
- 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 (8x14x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.211 W/kg

**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 14.71 V/m; Power Drift = 0.02 dB  
 Peak SAR (extrapolated) = 0.608 W/kg  
**SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.082 W/kg**  
 Maximum value of SAR (measured) = 0.257 W/kg



0 dB = 0.257 W/kg = -5.90 dBW/kg

Date: 2021/08/31

Test Laboratory: Compliance Certification Services Inc.

**NTN-LX3 LTE Band 17 10M QPSK 1RB25 23790CH Back side 10mm Ant1-HR04**

**DUT: NTN-LX3; Type: Smart Phone; Serial: ACSPUT1203000179**

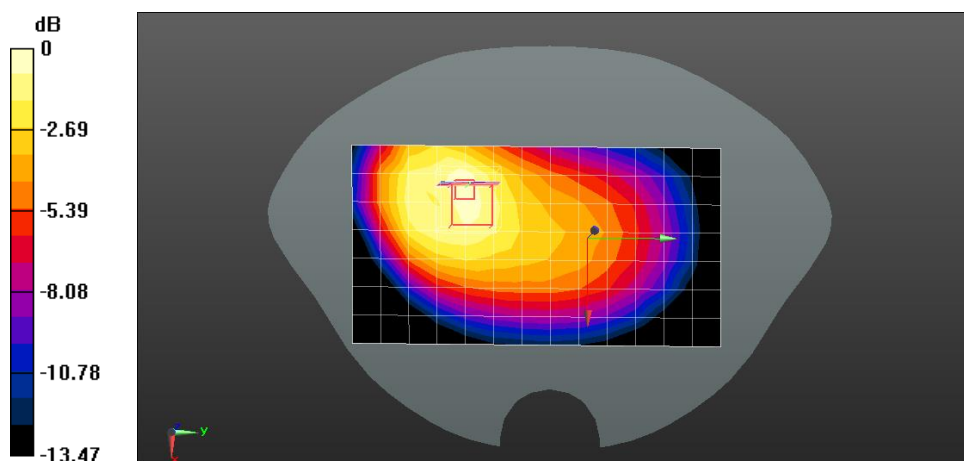
Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 710 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.831 \text{ S/m}$ ;  $\epsilon_r = 43.605$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section  
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.78, 9.78, 9.78); Calibrated: 2021/05/31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2021/05/19
- 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 (8x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.292 W/kg

**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 12.10 V/m; Power Drift = -0.09 dB  
 Peak SAR (extrapolated) = 0.531 W/kg  
**SAR(1 g) = 0.219W/kg; SAR(10 g) = 0.136 W/kg**  
 Maximum value of SAR (measured) = 0.304 W/kg



0 dB = 0.304 W/kg = -5.17 dBW/kg

Date: 2021/08/27

Test Laboratory: Compliance Certification Services Inc.

**NTN-LX3 LTE Band 26 15M QPSK 1RB74 26865CH Back side 10mm Ant1-HR04**

**DUT: NTN-LX3; Type: Smart Phone; Serial: ACSPUT1203000179**

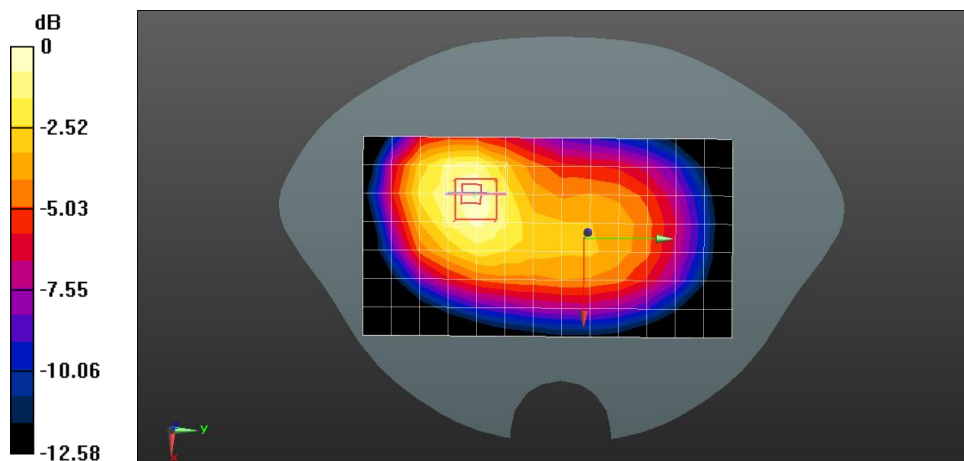
Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 831.5 MHz; Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 831.5 \text{ MHz}$ ;  $\sigma = 0.903 \text{ S/m}$ ;  $\epsilon_r = 40.725$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section  
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.52, 9.52, 9.52); Calibrated: 2021/05/31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2021/05/19
- 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 (8x14x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.328 W/kg

**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 17.71 V/m; Power Drift = 0.18 dB  
 Peak SAR (extrapolated) = 0.897 W/kg  
**SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.134 W/kg**  
 Maximum value of SAR (measured) = 0.429 W/kg



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

Date: 2021/08/28

Test Laboratory: Compliance Certification Services Inc.

**NTN-LX3 LTE Band 66 20M QPSK 50RB25 132322CH Left tilted Ant2-HR05**

**DUT: NTN-LX3; Type: Smart Phone; Serial: ACSPUT1203000171**

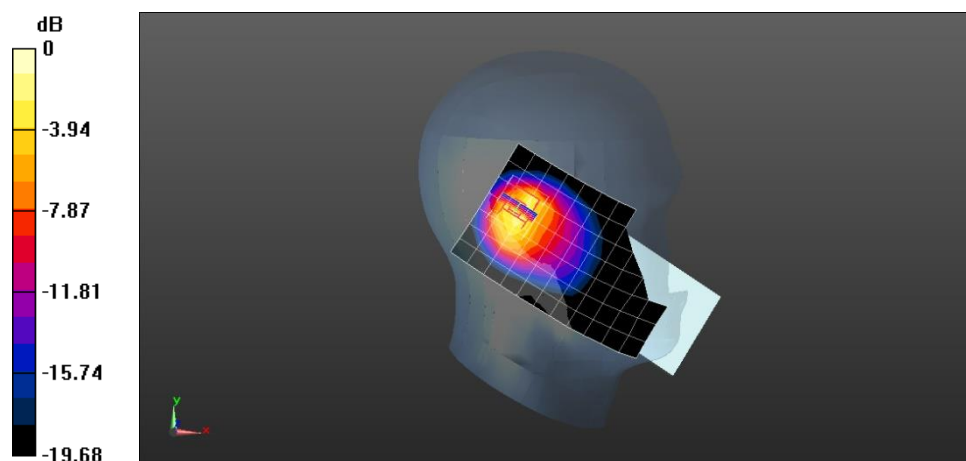
Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1745 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1745 \text{ MHz}$ ;  $\sigma = 1.336 \text{ S/m}$ ;  $\epsilon_r = 40.697$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Left Section  
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5 Configuration:

- Probe: EX3DV4 - SN3798; ConvF(8.22, 8.22, 8.22); Calibrated: 2021/05/31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2021/05/19
- 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 (8x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.494 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 = 14.31 V/m; Power Drift = -0.03 dB  
 Peak SAR (extrapolated) = 0.99 W/kg  
**SAR(1 g) = 0.363 W/kg; SAR(10 g) = 0.124 W/kg**  
 Maximum value of SAR (measured) = 0.755 W/kg



0 dB = 0.755 W/kg = -1.22 dBW/kg

Date: 2021/08/26

Test Laboratory: Compliance Certification Services Inc.

**NTN-LX3 WIFI 2.4G 802.11b 11CH Right side 10mm-17-HR03**

**DUT: NTN-LX3; Type: Smart Phone; Serial: ACSPUT1203000230**

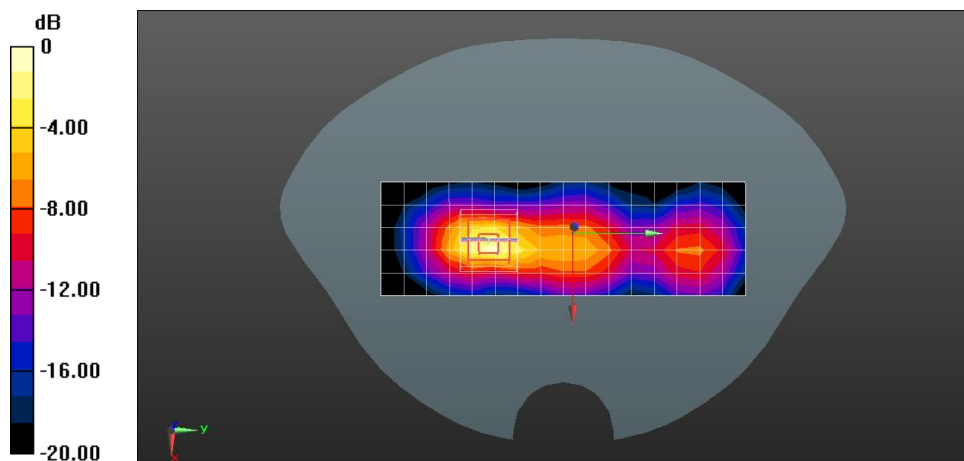
Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2462 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.794 \text{ S/m}$ ;  $\epsilon_r = 39.368$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section  
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5 Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.33, 7.33, 7.33); Calibrated: 2021/05/31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2021/05/19
- 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 (6x17x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$   
 Maximum value of SAR (measured) = 0.436 W/kg

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 7.626 V/m; Power Drift = -0.07 dB  
 Peak SAR (extrapolated) = 0.686 W/kg  
**SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.132 W/kg**  
 Maximum value of SAR (measured) = 0.501 W/kg



0 dB = 0.501 W/kg = -3.00 dBW/kg

Date: 2021/09/01

Test Laboratory: Compliance Certification Services Inc.

**NTN-LX3 WIFI 5G 802.11a 104CH Right side 0mm-TX17-HR03 - 1**

**DUT: NTN-LX3; Type: Smart Phone; Serial: ACSPUT1203000230**

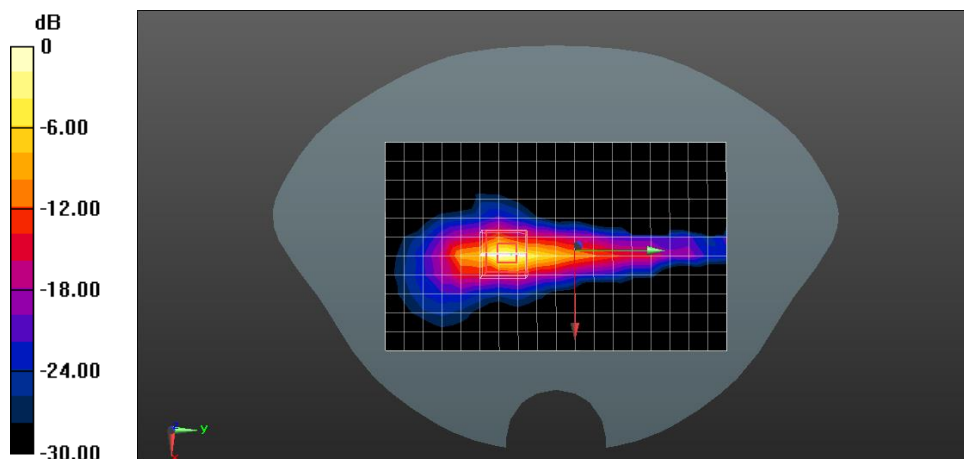
Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5520 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 5520 \text{ MHz}$ ;  $\sigma = 5.033 \text{ S/m}$ ;  $\epsilon_r = 35.872$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section  
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5 Configuration:

- Probe: EX3DV4 - SN3798; ConvF(4.65, 4.65, 4.65); Calibrated: 2021/05/31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2021/05/19
- 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 (12x19x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (measured) = 10.2 W/kg

**Configuration/Body/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
 Reference Value = 12.41 V/m; Power Drift = 0.02 dB  
 Peak SAR (extrapolated) = 27.4 W/kg  
**SAR(1 g) = 3.87 W/kg; SAR(10 g) = 0.918 W/kg**  
 Maximum value of SAR (measured) = 14.5 W/kg



0 dB = 14.5 W/kg = 11.61 dBW/kg



Date: 2021/08/26

Test Laboratory: Compliance Certification Services Inc.

**NTN-LX3 Bluetooth DH5 39CH Left cheek-HR03**

**DUT: NTN-LX3; Type: Smart Phone; Serial: ACSPUT1203000230**

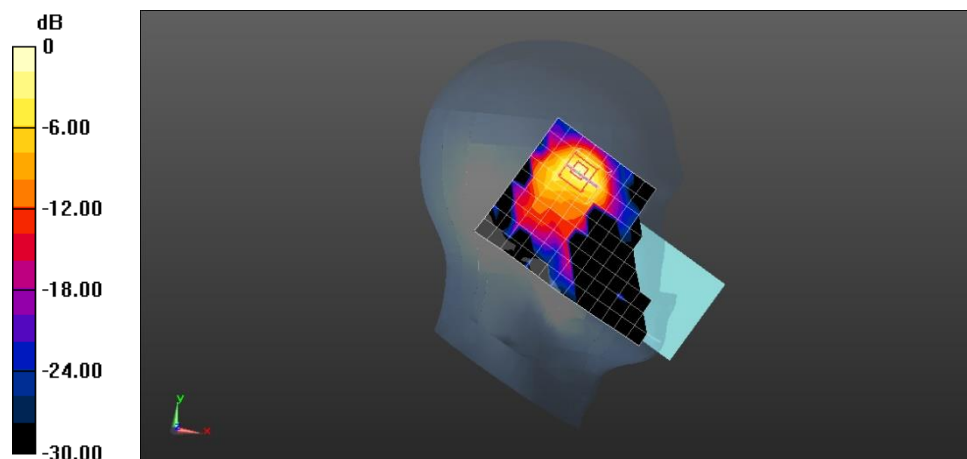
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 2441 \text{ MHz}$ ;  $\sigma = 1.773 \text{ S/m}$ ;  $\epsilon_r = 39.468$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Left Section  
 Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY5 Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.33, 7.33, 7.33); Calibrated: 2021/05/31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2021/05/19
- 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 (10x16x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$   
 Maximum value of SAR (measured) = 0.166 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 = 2.193 V/m; Power Drift = 0.14 dB  
 Peak SAR (extrapolated) = 0.248 W/kg  
**SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.036 W/kg**  
 Maximum value of SAR (measured) = 0.173 W/kg



0 dB = 0.173 W/kg = -7.62 dBW/kg