



Appendix B

Detailed Test Results

1. LTE
LTE Band 2 for Body
LTE Band 5 for Body
LTE Band 12 for Body
LTE Band 13 for Body
LTE Band 66 for Body
LTE Band 71 for Body





Date: 2024/9/23

Test Laboratory: LCS-SAR Lab

LTE Band 2 20M QPSK 1RB99 18700CH Next to the Mouth side 10mm**DUT: Mobile PERS GPS Locator; Type: Mobile Lite R35-C; Serial: A240909109-1**

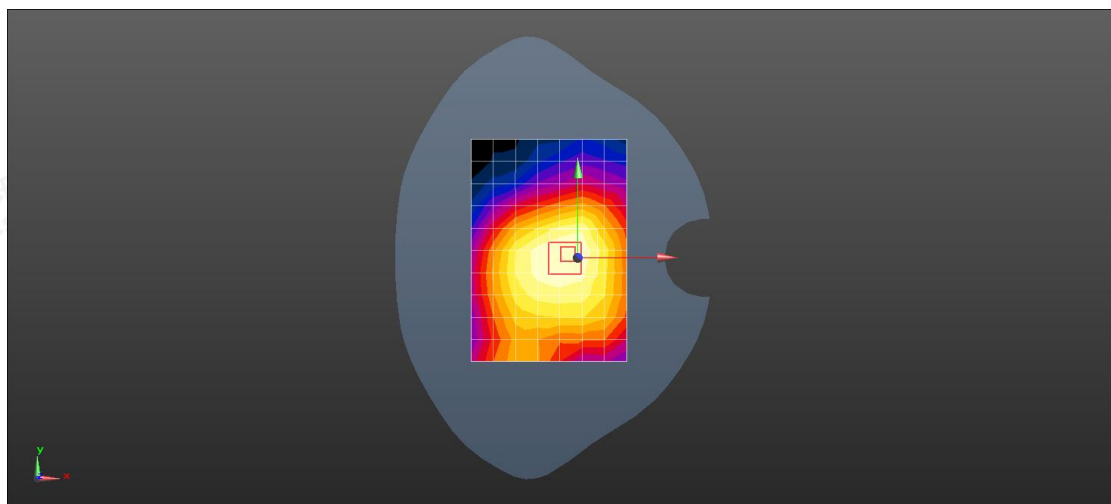
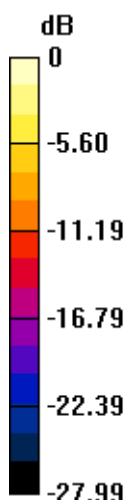
Communication System: UID 0, LTE-FDD (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1860 \text{ MHz}$; $\sigma = 1.377 \text{ S/m}$; $\epsilon_r = 40.575$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.85, 7.85, 7.85); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.411 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 = 25.32 V/m ; Power Drift = 0.02 dB Peak SAR (extrapolated) = 0.256 W/kg **SAR(1 g) = 0.436 W/kg ; SAR(10 g) = 0.311 W/kg** Maximum value of SAR (measured) = 0.405 W/kg 0 dB = 0.405 W/kg = -3.93 dBW/kg 

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Date: 2024/9/23

Test Laboratory: LCS-SAR Lab

LTE Band 2 20M QPSK 1RB99 18700CH Rear side 0mm**DUT: Mobile PERS GPS Locator; Type: Mobile Lite R35-C; Serial: A240909109-1**

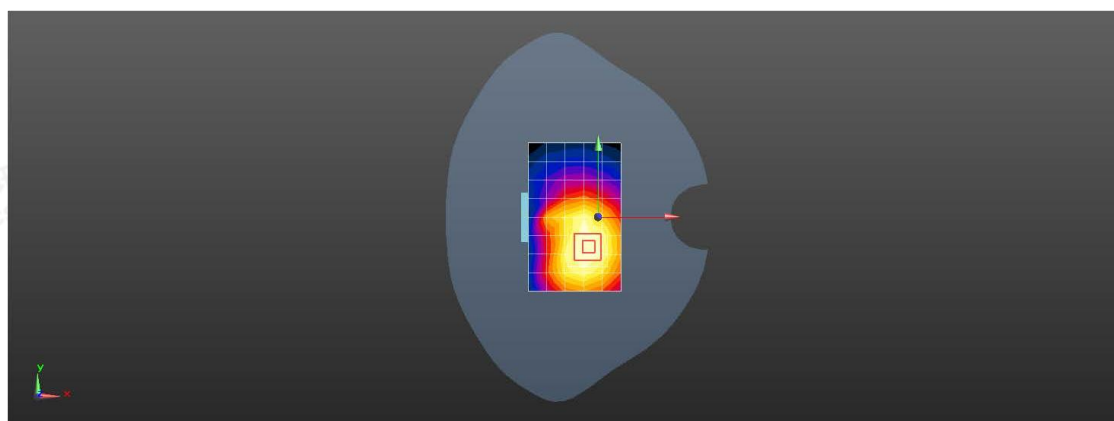
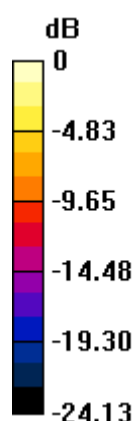
Communication System: UID 0, LTE-FDD (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1860 \text{ MHz}$; $\sigma = 1.377 \text{ S/m}$; $\epsilon_r = 40.575$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.85, 7.85, 7.85); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 3.65 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 = 24.52 V/m ; Power Drift = 0.03 dB Peak SAR (extrapolated) = 1.52 W/kg **SAR(1 g) = 0.921 W/kg ; SAR(10 g) = 0.633 W/kg** Maximum value of SAR (measured) = 3.57 W/kg  $0 \text{ dB} = 3.57 \text{ W/kg} = 5.53 \text{ dBW/kg}$ 

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Date: 2024/9/16

Test Laboratory: LCS-SAR Lab

LTE Band 5 10M QPSK 1RB49 20600CH Next to the Mouth side 10mm**DUT: Mobile PERS GPS Locator; Type: Mobile Lite R35C; Serial: A240909109-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 0.914 \text{ S/m}$; $\epsilon_r = 41.232$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.26, 9.26, 9.26); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.185 W/kg

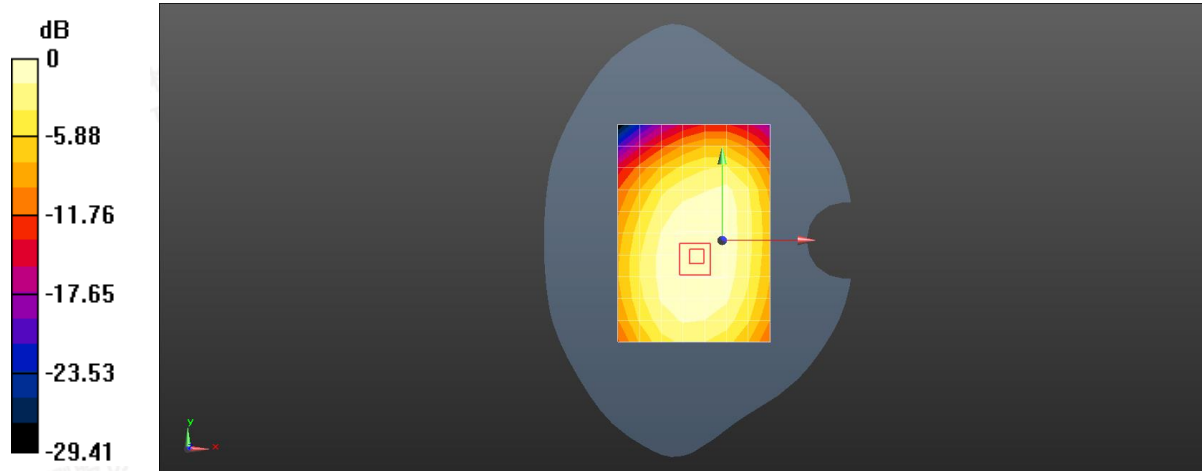
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.52 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.169 W/kg

SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.114 W/kg

Maximum value of SAR (measured) = 0.177 W/kg



0 dB = 0.177 W/kg = -7.52 dBW/kg



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Date: 2024/9/16

Test Laboratory: LCS-SAR Lab

LTE Band 5 10M QPSK 1RB49 20600CH Rear side 0mm**DUT: Mobile PERS GPS Locator; Type: Mobile Lite R35C; Serial: A240909109-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 0.914 \text{ S/m}$; $\epsilon_r = 41.232$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.26, 9.26, 9.26); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.547 W/kg

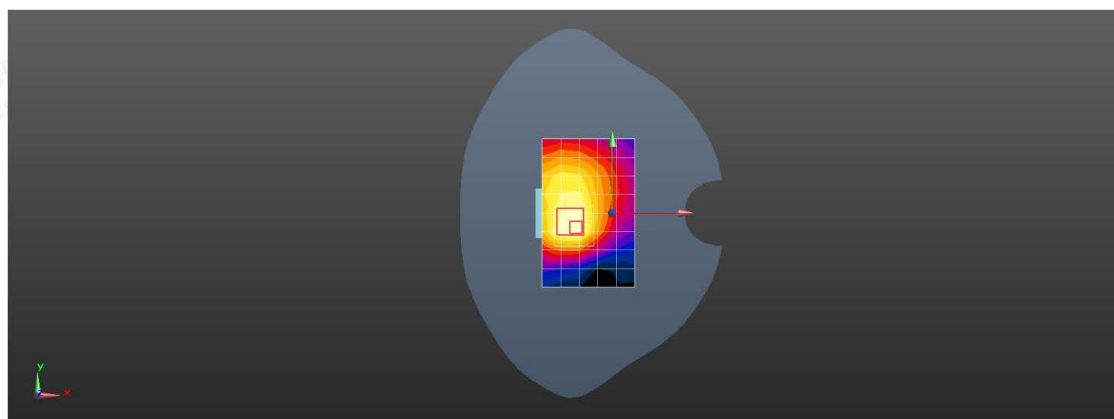
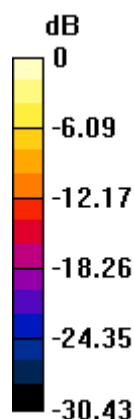
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.62 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.296 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: 2024/9/11

Test Laboratory: LCS-SAR Lab

LTE Band 12 10M QPSK 1RB2423130CH Next to the Mouth side 10mm**DUT: Mobile PERS GPS Locator; Type: Mobile Lite R35C; Serial: A240909109-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 711 MHz; Duty Cycle: 1:1

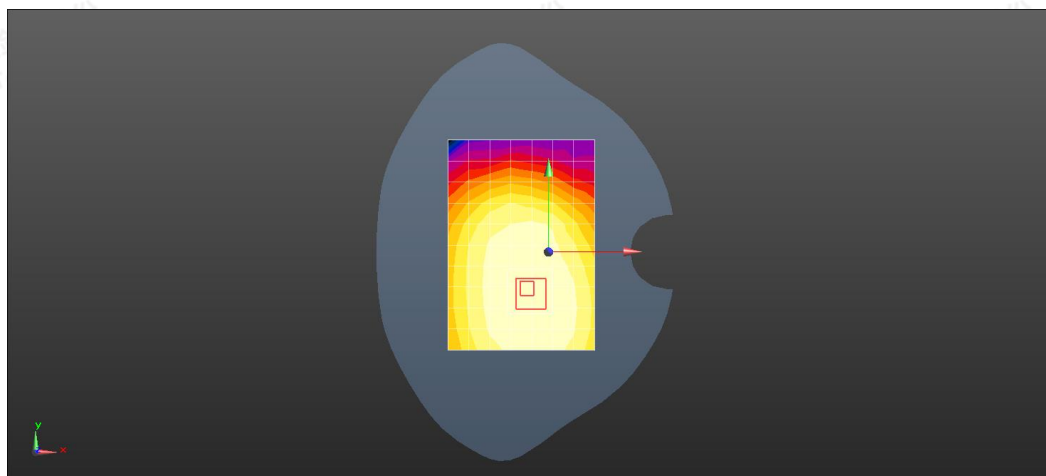
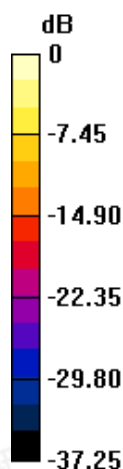
Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.866 \text{ S/m}$; $\epsilon_r = 42.577$; $\rho = 1000 \text{ kg/m}^3$

Phantom section:

Flat Section DASY

Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.66, 9.66, 9.66); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.144 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 = 11.26 V/m ; Power Drift = 0.02 dB Peak SAR (extrapolated) = 0.542 W/kg **SAR(1 g) = 0.252 W/kg ; SAR(10 g) = 0.154 W/kg** Maximum value of SAR (measured) = 0.135 W/kg  $0 \text{ dB} = 0.135 \text{ W/kg} = -8.70 \text{ dBW/kg}$ 

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Date: 2024/9/11

Test Laboratory: LCS-SAR Lab

LTE Band 12 10M QPSK 1RB2423130CH Rear side 0mm**DUT: Mobile PERS GPS Locator; Type: Mobile Lite R35C; Serial: A240909109-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 711 MHz; Duty Cycle: 1:1

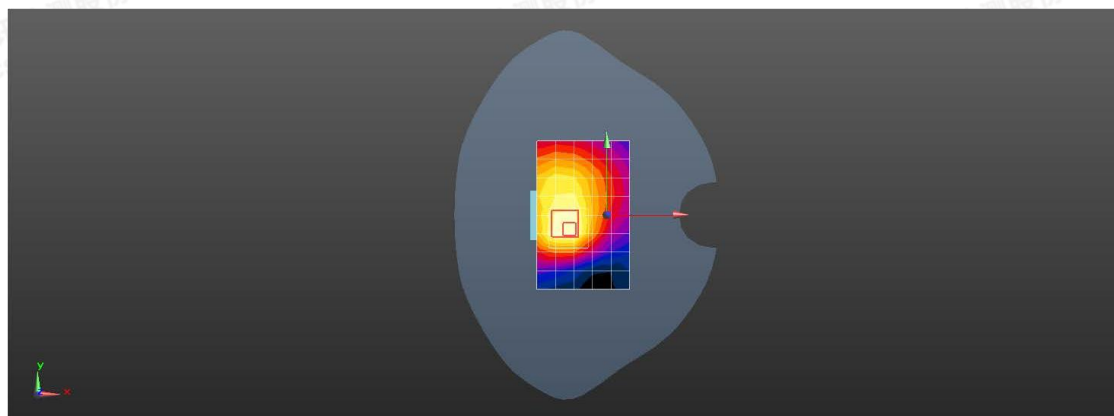
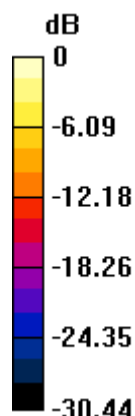
Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.866 \text{ S/m}$; $\epsilon_r = 42.577$; $\rho = 1000 \text{ kg/m}^3$

Phantom section:

Flat Section DASY

Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.66, 9.66, 9.66); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.326 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 = 18.54 V/m ; Power Drift = -0.15 dB Peak SAR (extrapolated) = 0.326 W/kg **SAR(1 g) = 0.665 W/kg ; SAR(10 g) = 0.474 W/kg** Maximum value of SAR (measured) = 0.317 W/kg  $0 \text{ dB} = 0.317 \text{ W/kg} = -4.99 \text{ dBW/kg}$ 

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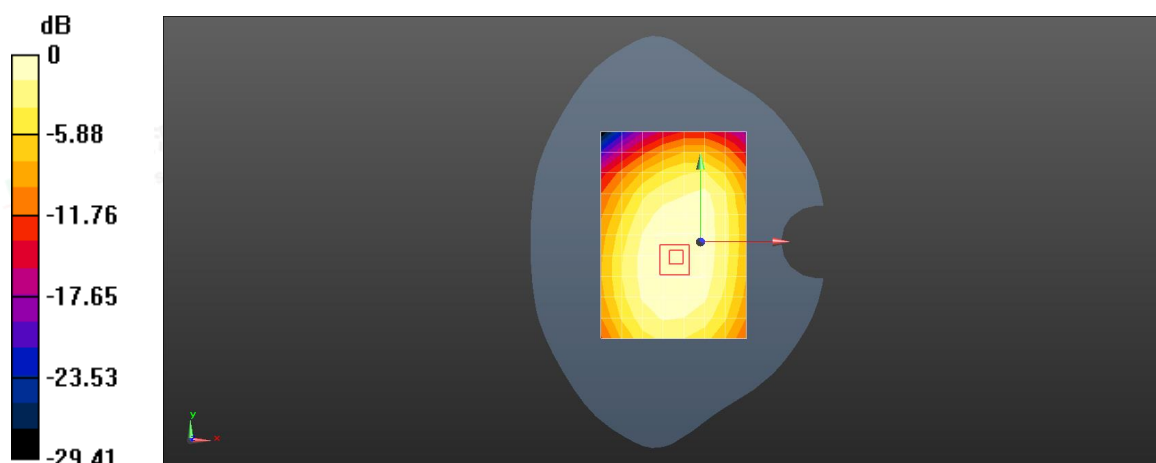
LTE Band 13 10M QPSK 1RB24 23230CH Next to the Mouth side 10mm**DUT: Mobile PERS GPS Locator; Type: Mobile Lite R35C; Serial: A240909109-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.917 \text{ S/m}$; $\epsilon_r = 42.563$; $\rho = 1000$ kg/m^3 Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.66, 9.66, 9.66); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.122 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 = 18.65 V/m ; Power Drift = -0.18 dB Peak SAR (extrapolated) = 1.65 W/kg **SAR(1 g) = 0.236 W/kg ; SAR(10 g) = 0.098 W/kg** Maximum value of SAR (measured) = 0.115 W/kg  $0 \text{ dB} = 0.115 \text{ W/kg} = -9.39 \text{ dBW/kg}$ 

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Date: 2024/9/11

Test Laboratory: LCS-SAR Lab

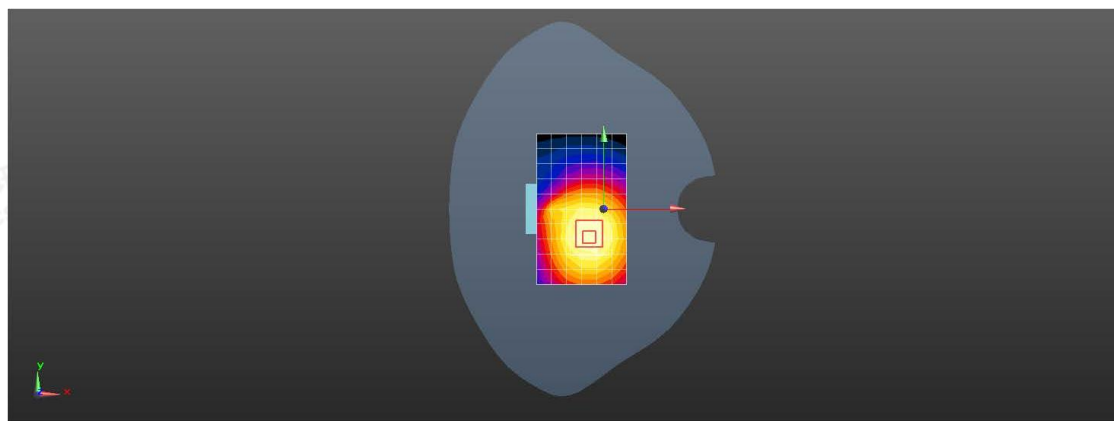
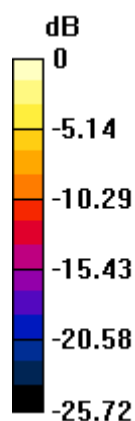
LTE Band 13 10M QPSK 1RB24 23230CH Rear side 0mm**DUT: Mobile PERS GPS Locator; Type: Mobile Lite R35C; Serial: A240909109-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.917 \text{ S/m}$; $\epsilon_r = 42.563$; $\rho = 1000$ kg/m^3 Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.66, 9.66, 9.66); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 2.48 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 = 36.52 V/m ; Power Drift = -0.11 dB Peak SAR (extrapolated) = 2.22 W/kg **SAR(1 g) = 0.789 W/kg ; SAR(10 g) = 0.433 W/kg** Maximum value of SAR (measured) = 2.36 W/kg  $0 \text{ dB} = 2.36 \text{ W/kg} = 3.73 \text{ dBW/kg}$ 

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Date: 2024/9/19

Test Laboratory: LCS-SAR Lab

LTE Band 66 20M QPSK 1RB99 132072CH Next to the Mouth side 10mm**DUT: Mobile PERS GPS Locator; Type: Mobile Lite R35-C; Serial: A240909109-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 1720 MHz; Duty Cycle: 1:1 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.345$

S/m; $\epsilon_r = 40.241$; $\rho = 1000$ kg/m³ Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.16, 8.16, 8.16); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.485 W/kg

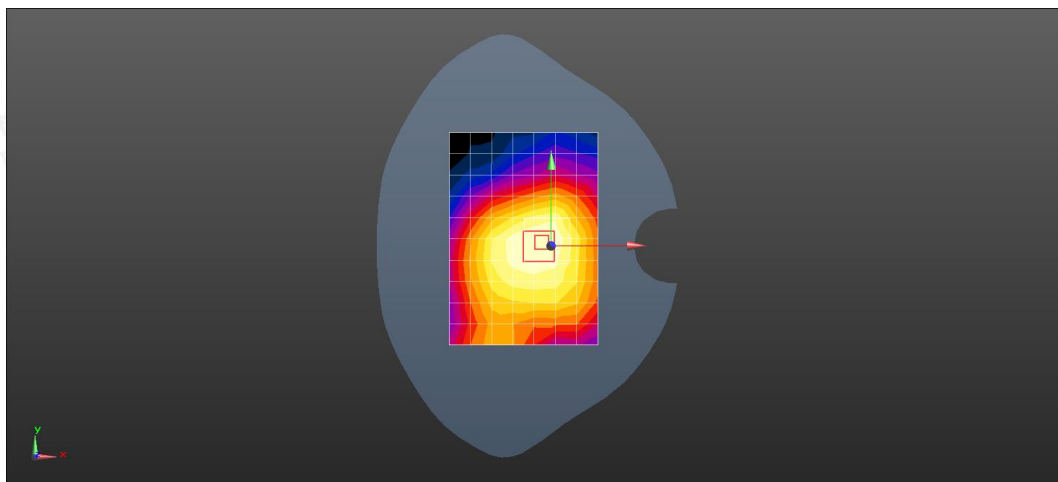
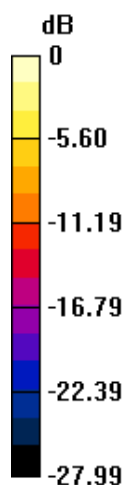
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 44.56 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 4.33 W/kg

SAR(1 g) = 0.644 W/kg; SAR(10 g) = 0.421 W/kg

Maximum value of SAR (measured) = 0.477 W/kg



0 dB = 0.477 W/kg = -3.21 dBW/kg



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Date: 2024/9/19

Test Laboratory: LCS-SAR Lab

LTE Band 66 20M QPSK 1RB99 132072CH Rear side 0mm**DUT: Mobile PERS GPS Locator; Type: Mobile Lite R35C; Serial: A240909109-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 1720 MHz; Duty Cycle: 1:1 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.345$

S/m; $\epsilon_r = 40.241$; $\rho = 1000$ kg/m³ Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.16, 8.16, 8.16); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.14 W/kg

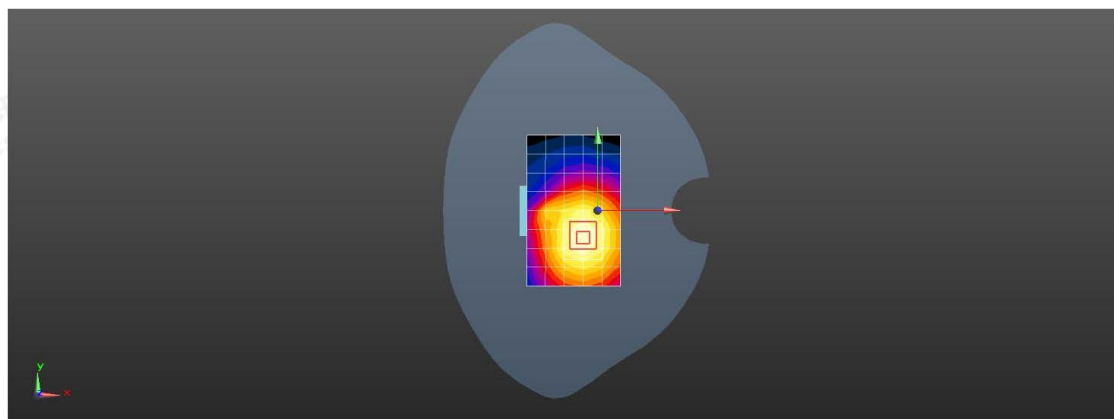
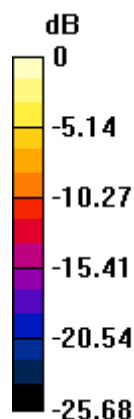
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.62 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 3.68 W/kg

SAR(1 g) = 1.374 W/kg; SAR(10 g) = 0.814 W/kg

Maximum value of SAR (measured) = 2.06 W/kg



0 dB = 2.06 W/kg = 3.14 dBW/kg



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Date: 2024/9/11

Test Laboratory: LCS-SAR Lab

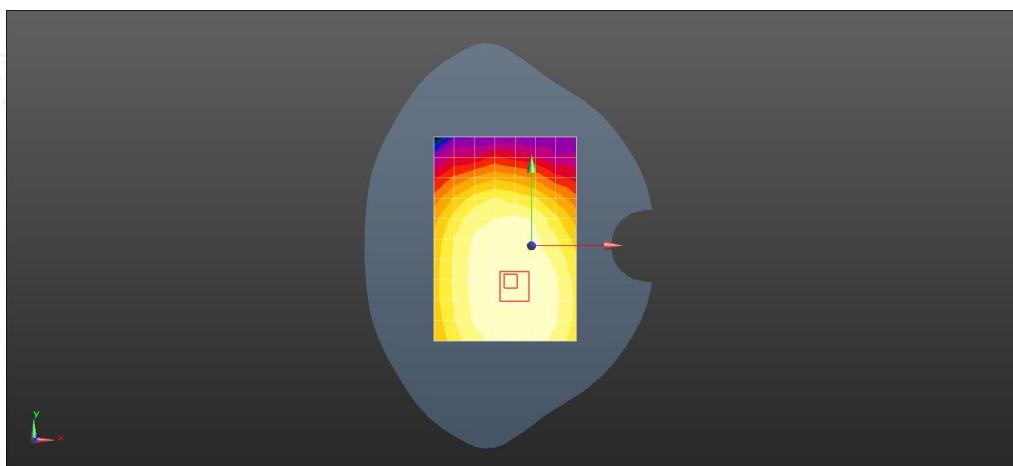
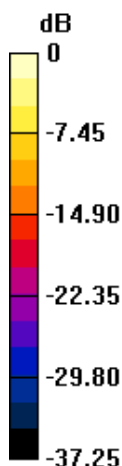
LTE Band 71 20M QPSK 1RB49 133372CH Next to the Mouth side 10mm**DUT: Mobile PERS GPS Locator; Type: Mobile Lite R35C; Serial: A240909109-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 688 MHz; Duty

Cycle: 1:1 Medium parameters used: $f = 688 \text{ MHz}$; $\sigma = 0.885 \text{ S/m}$; $\epsilon_r =$ 42.568 ; $\rho = 1000 \text{ kg/m}^3$ Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.66, 9.66, 9.66); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.333 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 = 40.21 V/m ; Power Drift = -0.14 dB Peak SAR (extrapolated) = 3.58 W/kg **SAR(1 g) = 0.668 W/kg ; SAR(10 g) = 0.405 W/kg** Maximum value of SAR (measured) = 0.325 W/kg 0 dB = 0.325 W/kg = -4.88 dBW/kg 

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Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



Date: 2024/9/11

Test Laboratory: LCS-SAR Lab

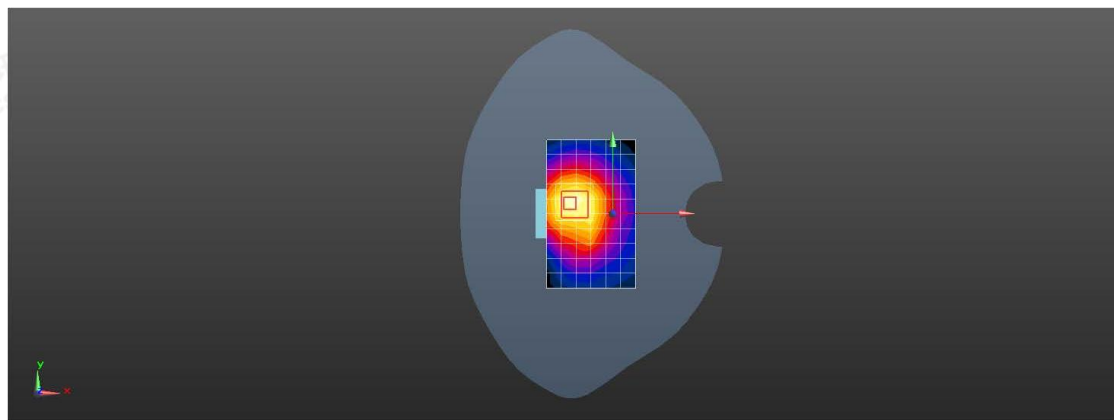
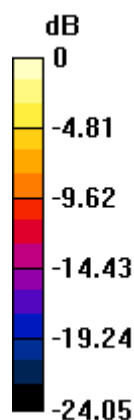
LTE Band 71 20M QPSK 1RB49 133372CH Rear side 0mm**DUT: Mobile PERS GPS Locator; Type: Mobile Lite R35C; Serial: A240909109-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 688 MHz; Duty

Cycle: 1:1 Medium parameters used: $f = 688 \text{ MHz}$; $\sigma = 0.885 \text{ S/m}$; $\epsilon_r =$ 42.568 ; $\rho = 1000 \text{ kg/m}^3$ Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.66, 9.66, 9.66); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 2.54 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 = 22.54 V/m ; Power Drift = -0.16 dB Peak SAR (extrapolated) = 3.77 W/kg **SAR(1 g) = 1.452 W/kg ; SAR(10 g) = 0.888 W/kg** Maximum value of SAR (measured) = 2.46 W/kg  $0 \text{ dB} = 2.46 \text{ W/kg} = 3.91 \text{ dBW/kg}$ 

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