



Appendix B

Detailed Test Results

1. GSM
GSM850 for Body
GSM1900 for Body
2. WCDMA
WCDMA Band II for Body
WCDMA Band IV for Body
WCDMA Band V for Body
3. LTE
LTE Band 2 for Body
LTE Band 4 for Body
LTE Band 5 for Body
LTE Band 12 for Body
LTE Band 25 for Body
LTE Band 26 for Body
LTE Band 41 for Body
LTE Band 66 for Body
LTE Band 71 for Body
4. WIFI
WIFI 2.4GHz for Body
WIFI 5.2GHz for Body
WIFI 5.8GHz for Body



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

Test Laboratory: LCS-SAR Lab

GSM850 GPRS 4TS 190CH Rear side 0mm**DUT: Puya; Type: HPPAP39; Serial: A09253166-1**

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 837$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 40.776$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.62, 9.62, 9.62); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.495 W/kg

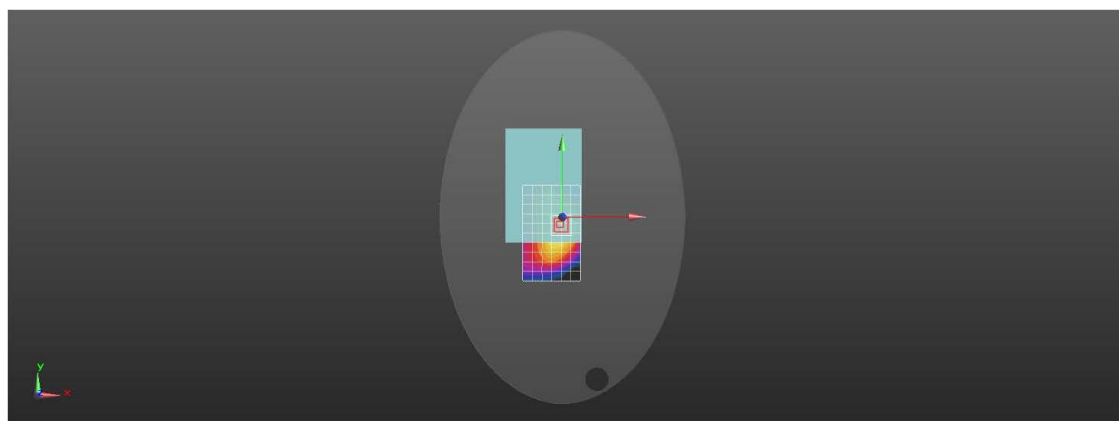
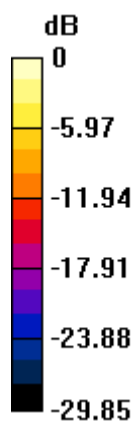
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.58 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.764 W/kg

SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.182 W/kg

Maximum value of SAR (measured) = 0.504 W/kg



0 dB = 0.495 W/kg = -3.06 dBW/kg



Test Laboratory: LCS-SAR Lab

GSM1900 GPRS 4TS 661CH Rear side 0mm**DUT: Puya; Type: HPPAP39; Serial: A09253166-1**

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.379$ S/m; $\epsilon_r = 40.132$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.05, 8.05, 8.05); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection),
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.530 W/kg

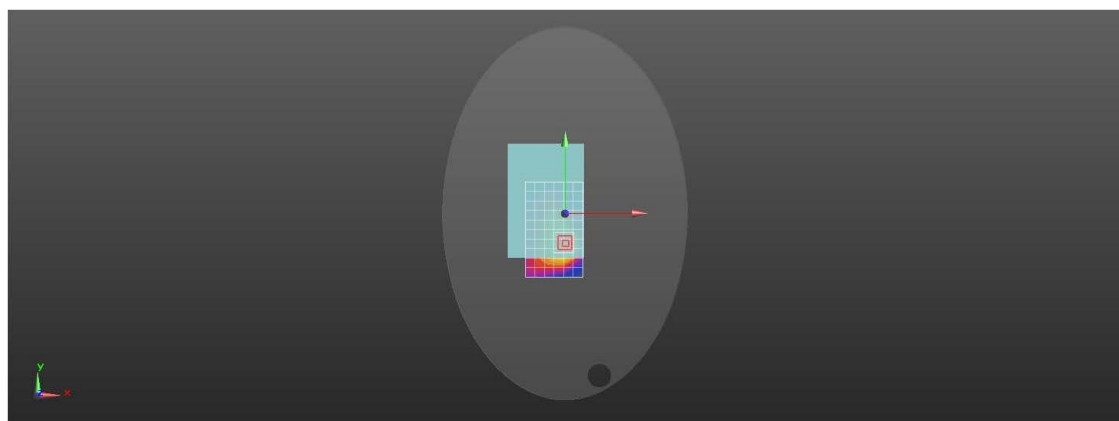
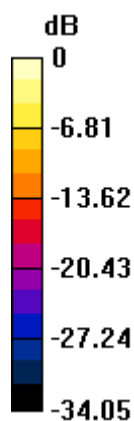
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.857 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.957 W/kg

SAR(1 g) = 0.383 W/kg; SAR(10 g) = 0.165 W/kg

Maximum value of SAR (measured) = 0.620 W/kg



0 dB = 0.530 W/kg = -2.75 dBW/kg



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

Test Laboratory: LCS-SAR Lab

WCDMA Band II RMC 9400CH Rear side 0mm**DUT: Puya; Type: HPPAP39; Serial: A09253166-1**

Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.379$ S/m; $\epsilon_r = 40.132$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.05, 8.05, 8.05); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection),
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.516 W/kg

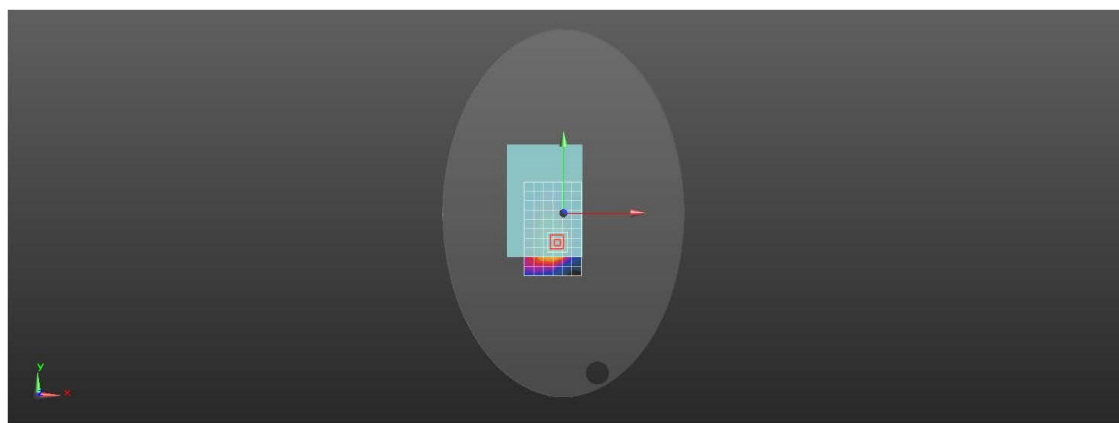
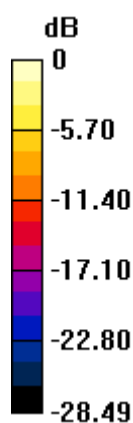
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.238 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.431 W/kg; SAR(10 g) = 0.181 W/kg

Maximum value of SAR (measured) = 0.760 W/kg



0 dB = 0.516 W/kg = -2.87 dBW/kg



Test Laboratory: LCS-SAR Lab

WCDMA Band IV RMC 1412CH Rear side 0mm**DUT: Puya; Type: HPPAP39; Serial: A09253166-1**

Communication System: UID 0, WCDMA (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.4$ MHz; $\sigma = 1.297$ S/m; $\epsilon_r = 40.504$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.35, 8.35, 8.35); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection),
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.457 W/kg

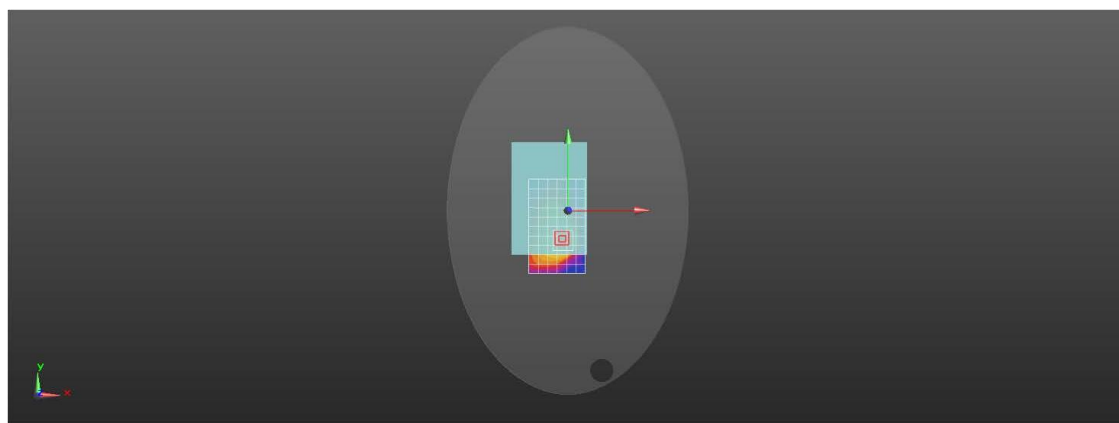
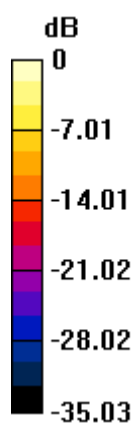
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.751 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.190 W/kg

Maximum value of SAR (measured) = 0.726 W/kg



0 dB = 0.457 W/kg = -3.40 dBW/kg



Test Laboratory: LCS-SAR Lab

WCDMA Band V RMC 4182CH Rear side 0mm**DUT: Puya; Type: HPPAP39; Serial: A09253166-1**

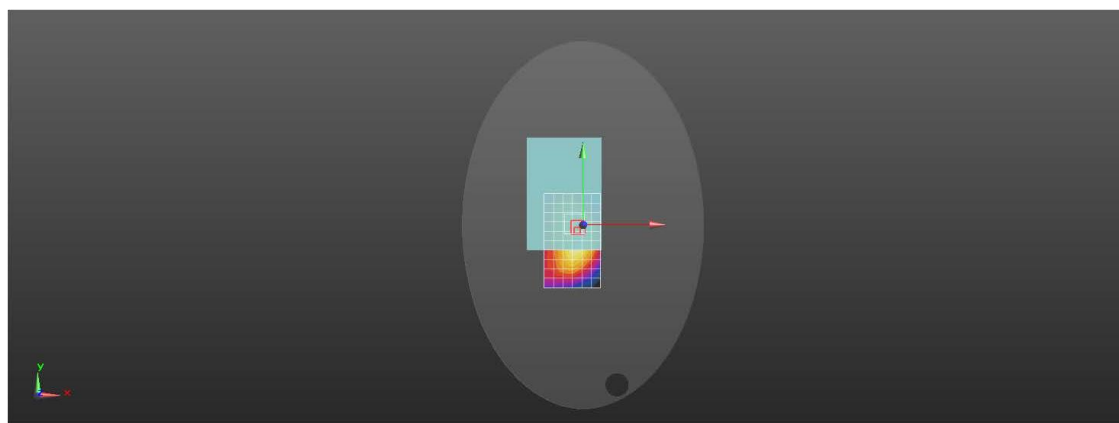
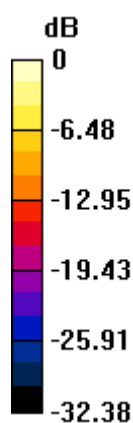
Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.885 \text{ S/m}$; $\epsilon_r = 40.804$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.62, 9.62, 9.62); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- 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) = 0.773 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 = 22.25 V/m ; Power Drift = 0.14 dB Peak SAR (extrapolated) = 1.21 W/kg **SAR(1 g) = 0.502 W/kg ; SAR(10 g) = 0.246 W/kg** Maximum value of SAR (measured) = 0.793 W/kg 0 dB = 0.773 W/kg = -1.12 dBW/kg 

Shenzhen LCS Compliance Testing Laboratory Ltd.

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

Test Laboratory: LCS-SAR Lab

LTE Band 2 20M QPSK 1RB99 19100CH Rear side 0mm**DUT: Puya; Type: HPPAP39; Serial: A09253166-1**

Communication System: UID 0, LTE-FDD BW 20MHZ (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.365$ S/m; $\epsilon_r = 40.009$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.05, 8.05, 8.05); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection),
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.427 W/kg

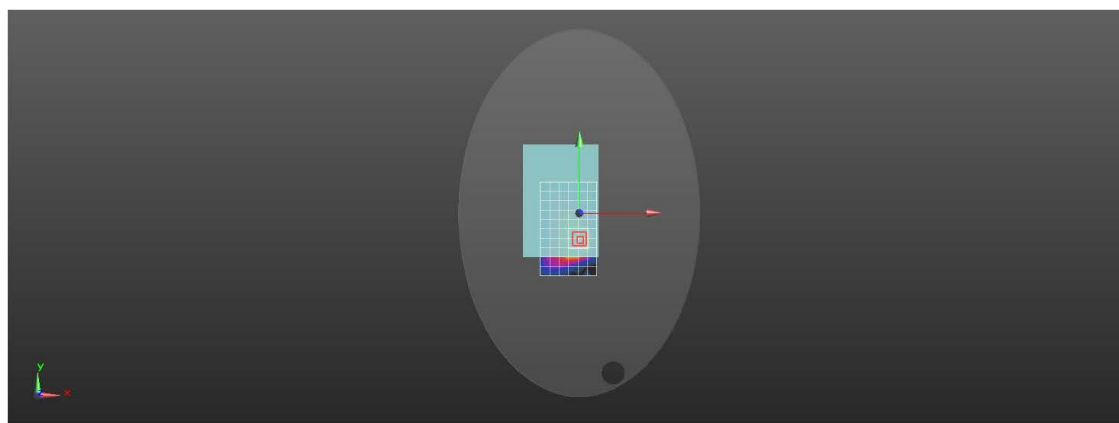
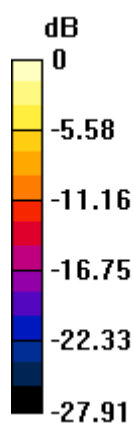
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.781 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.759 W/kg

SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.131 W/kg

Maximum value of SAR (measured) = 0.476 W/kg



0 dB = 0.427 W/kg = -3.70 dBW/kg



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

Test Laboratory: LCS-SAR Lab

LTE Band 4 20M QPSK 1RB99 20300CH Rear side 0mm**DUT: Puya; Type: HPPAP39; Serial: A09253166-1**

Communication System: UID 0, LTE-FDD BW 20MHZ (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.314$ S/m; $\epsilon_r = 40.478$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.35, 8.35, 8.35); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection),
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.07 W/kg

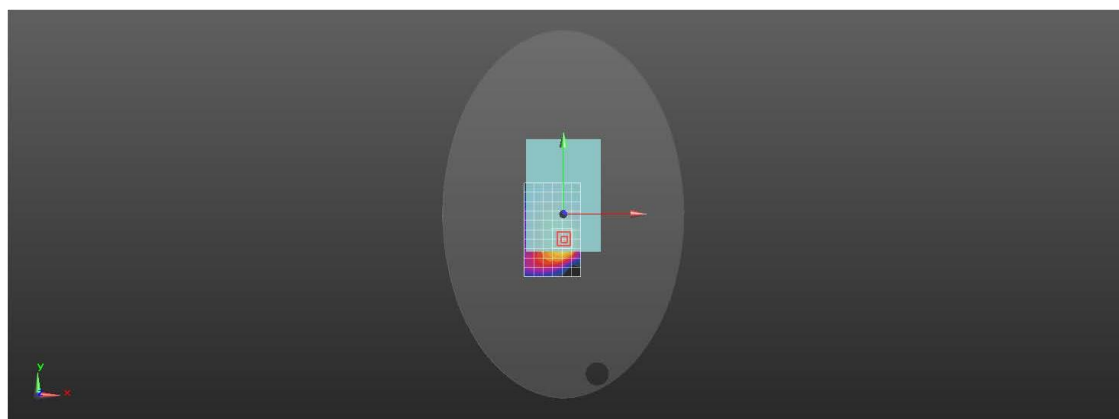
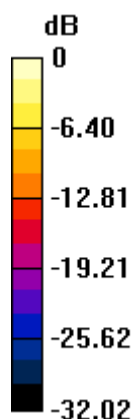
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.741 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 0.705 W/kg; SAR(10 g) = 0.320 W/kg

Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.07 W/kg = 0.28 dBW/kg



Test Laboratory: LCS-SAR Lab

LTE Band 5 10M QPSK 1RB49 20450CH Rear side 0mm**DUT: Puya; Type: HPPAP39; Serial: A09253166-1**

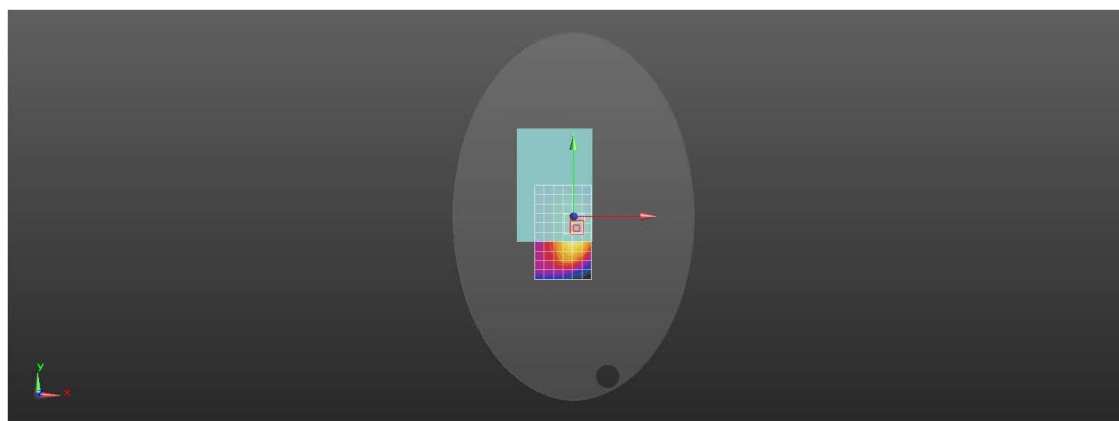
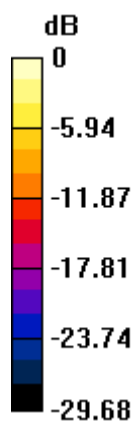
Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 829 \text{ MHz}$; $\sigma = 0.882 \text{ S/m}$; $\epsilon_r = 40.906$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.62, 9.62, 9.62); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- 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) = 0.700 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 = 10.46 V/m ; Power Drift = 0.02 dB Peak SAR (extrapolated) = 1.05 W/kg **SAR(1 g) = 0.483 W/kg ; SAR(10 g) = 0.247 W/kg** Maximum value of SAR (measured) = 0.713 W/kg 0 dB = 0.700 W/kg = -1.55 dBW/kg 

Test Laboratory: LCS-SAR Lab

LTE Band 12 10M QPSK 1RB24 23060CH Rear side 0mm**DUT: Puya; Type: HPPAP39; Serial: A09253166-1**

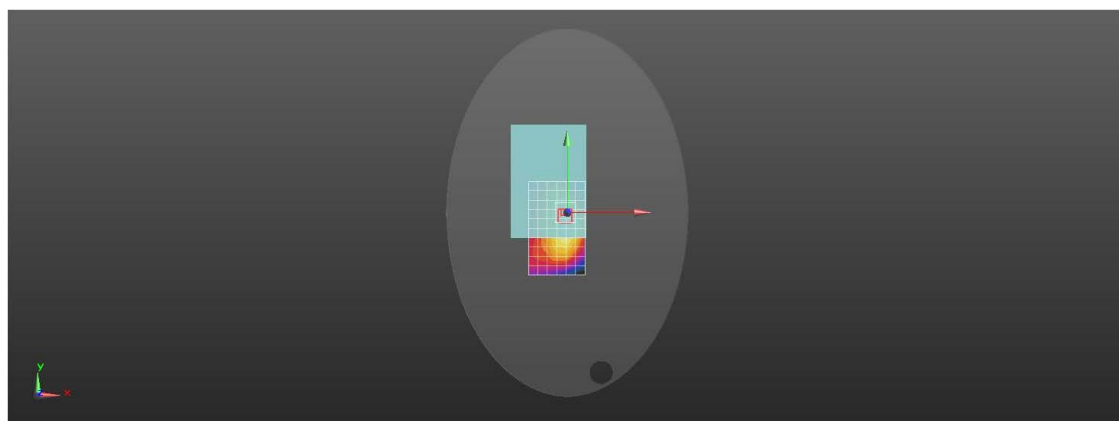
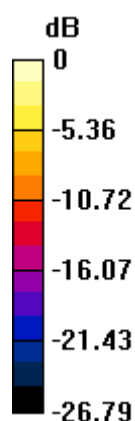
Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 704 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 704 \text{ MHz}$; $\sigma = 0.863 \text{ S/m}$; $\epsilon_r = 42.594$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(10.02, 10.02, 10.02); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection),
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- 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) = 0.744 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 = 15.71 V/m ; Power Drift = 0.04 dB Peak SAR (extrapolated) = 1.33 W/kg **SAR(1 g) = 0.477 W/kg ; SAR(10 g) = 0.232 W/kg** Maximum value of SAR (measured) = 0.852 W/kg 0 dB = 0.744 W/kg = -1.28 dBW/kg 

Shenzhen LCS Compliance Testing Laboratory Ltd.

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

Test Laboratory: LCS-SAR Lab

LTE Band 25 20M QPSK 1RB49 26365CH Rear side 0mm**DUT: Puya; Type: HPPAP39; Serial: A09253166-1**

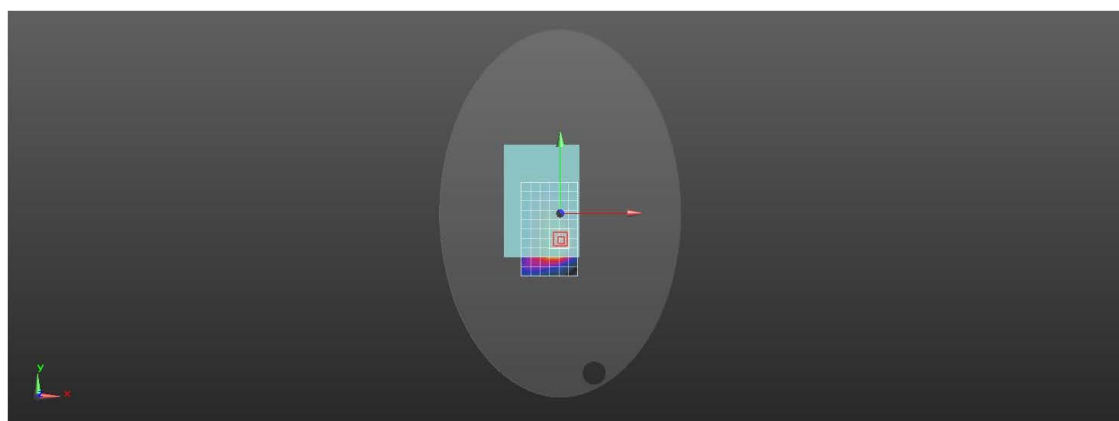
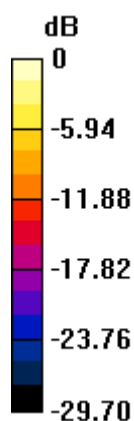
Communication System: UID 0, LTE-FDD BW 20MHZ (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1882.5 \text{ MHz}$; $\sigma = 1.385 \text{ S/m}$; $\epsilon_r = 40.093$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.05, 8.05, 8.05); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection),
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- 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) = 0.530 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 = 5.436 V/m ; Power Drift = -0.16 dB Peak SAR (extrapolated) = 0.698 W/kg **SAR(1 g) = 0.284 W/kg ; SAR(10 g) = 0.123 W/kg** Maximum value of SAR (measured) = 0.436 W/kg 0 dB = 0.530 W/kg = -2.76 dBW/kg 

Test Laboratory: LCS-SAR Lab

LTE Band 26 15M QPSK 1RB38 26915CH Rear side 0mm**DUT: Puya; Type: HPPAP39; Serial: A09253166-1**

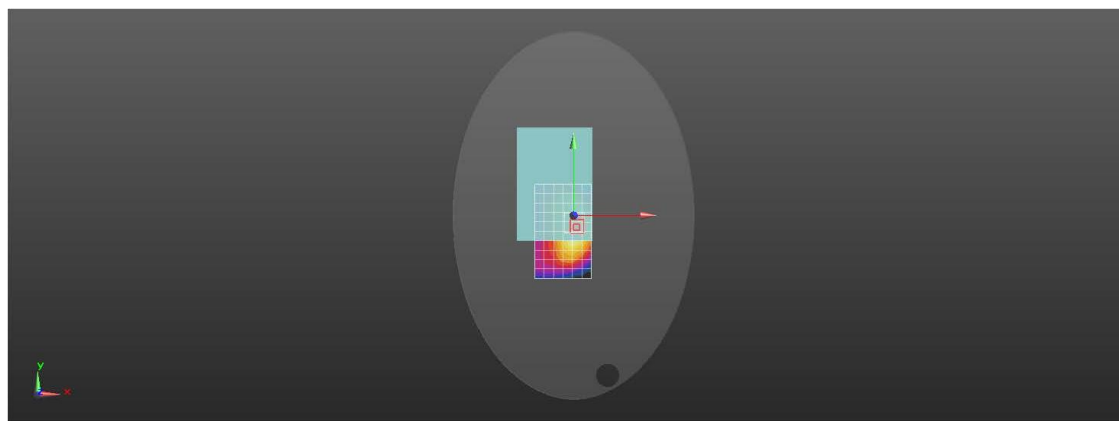
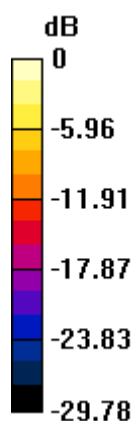
Communication System: UID 0, LTE-FDD BW 15MHZ (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.885 \text{ S/m}$; $\epsilon_r = 40.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.62, 9.62, 9.62); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- 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) = 0.680 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 = 10.82 V/m ; Power Drift = -0.02 dB Peak SAR (extrapolated) = 1.04 W/kg **SAR(1 g) = 0.482 W/kg ; SAR(10 g) = 0.247 W/kg** Maximum value of SAR (measured) = 0.717 W/kg 0 dB = 0.680 W/kg = -1.68 dBW/kg 

Shenzhen LCS Compliance Testing Laboratory Ltd.

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

Test Laboratory: LCS-SAR Lab

LTE Band 41 20M QPSK 1RB49 39750CH Rear side 0mm**DUT: Puya; Type: HPPAP39; Serial: A09253166-1**

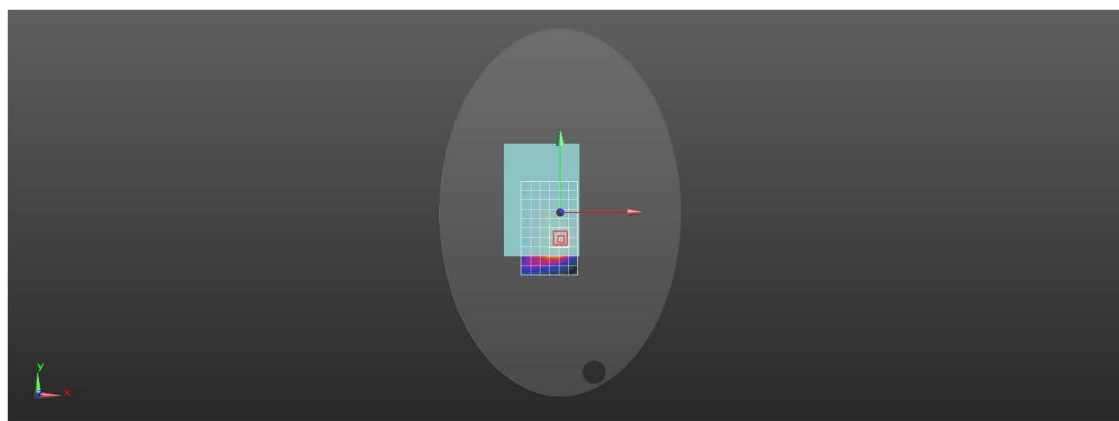
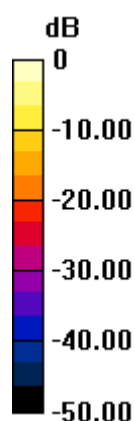
Communication System: UID 0, LTE-FDD BW 20MHZ (0); Frequency: 2545 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2545 \text{ MHz}$; $\sigma = 1.942 \text{ S/m}$; $\epsilon_r = 39.578$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.35, 7.35, 7.35); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection),
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$ Maximum value of SAR (measured) = 0.349 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 = 2.586 V/m ; Power Drift = 0.05 dB Peak SAR (extrapolated) = 0.932 W/kg **SAR(1 g) = 0.289 W/kg ; SAR(10 g) = 0.097 W/kg** Maximum value of SAR (measured) = 0.545 W/kg 0 dB = 0.349 W/kg = -4.57 dBW/kg 

Test Laboratory: LCS-SAR Lab

LTE Band 66 20M QPSK 1RB99 132572CH Rear side 0mm**DUT: Puya; Type: HPPAP39; Serial: A09253166-1**

Communication System: UID 0, LTE-FDD BW 20MHZ (0); Frequency: 1770 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1770$ MHz; $\sigma = 1.343$ S/m; $\epsilon_r = 40.385$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.35, 8.35, 8.35); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection),
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.03 W/kg

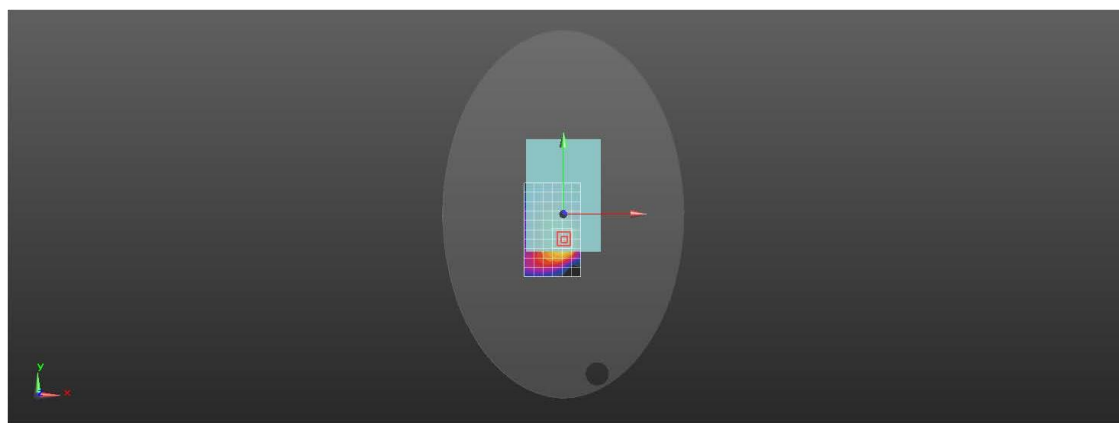
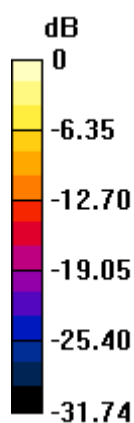
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.599 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.678 W/kg; SAR(10 g) = 0.303 W/kg

Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.03 W/kg = 0.14 dBW/kg



Test Laboratory: LCS-SAR Lab

LTE Band 71 20M QPSK 1RB49 133222CH Rear side 0mm**DUT: Puya; Type: HPPAP39; Serial: A09253166-1**

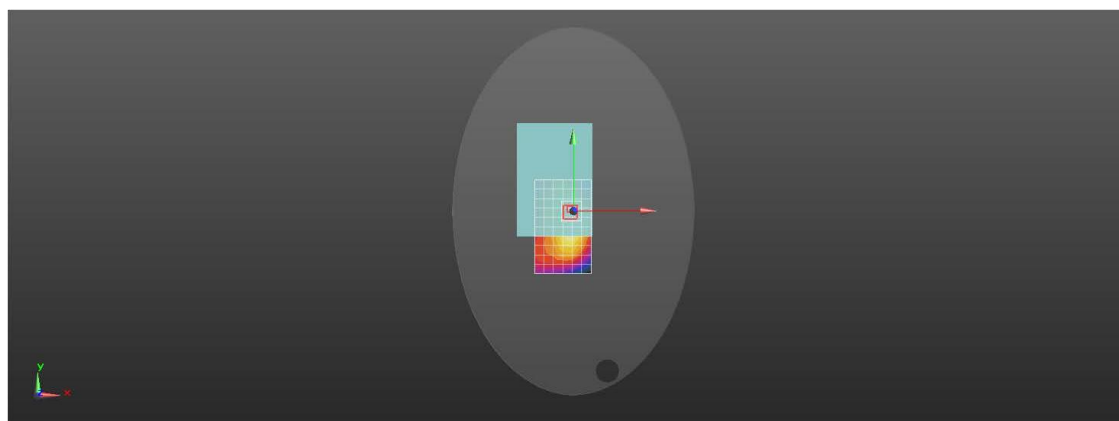
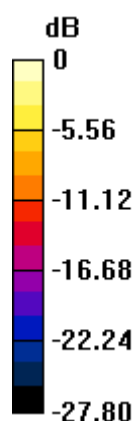
Communication System: UID 0, LTE-FDD BW 20MHZ (0); Frequency: 688 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 688 \text{ MHz}$; $\sigma = 0.854 \text{ S/m}$; $\epsilon_r = 42.784$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(10.02, 10.02, 10.02); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection),
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- 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) = 1.02 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 = 19.28 V/m ; Power Drift = -0.18 dB Peak SAR (extrapolated) = 2.00 W/kg **SAR(1 g) = 0.520 W/kg ; SAR(10 g) = 0.207 W/kg** Maximum value of SAR (measured) = 1.26 W/kg 0 dB = 1.02 W/kg = 0.07 dBW/kg 

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Rear side 0mm**DUT: Puya; Type: HPPAP39; Serial: A09253166-1**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz; Duty Cycle: 1:1.004

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.779$ S/m; $\epsilon_r = 40.079$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.50, 7.50, 7.50); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection),
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x13x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.670 W/kg

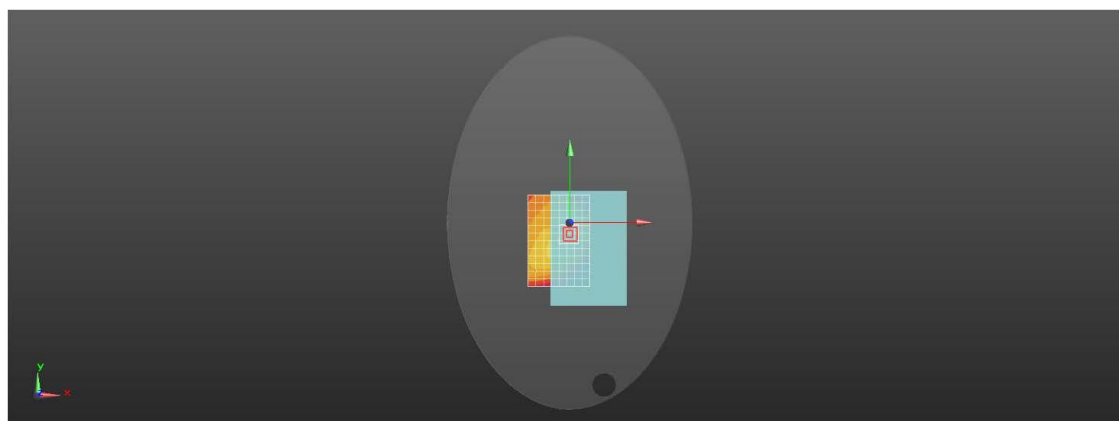
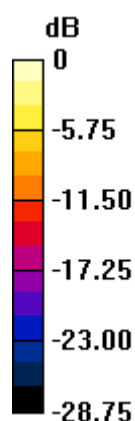
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.42 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.955 W/kg

SAR(1 g) = 0.509 W/kg; SAR(10 g) = 0.284 W/kg

Maximum value of SAR (measured) = 0.724 W/kg



0 dB = 0.670 W/kg = -1.74 dBW/kg



Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11a 36CH Rear side 0mm**DUT: Puya; Type: HPPAP39; Serial: A09253166-1**

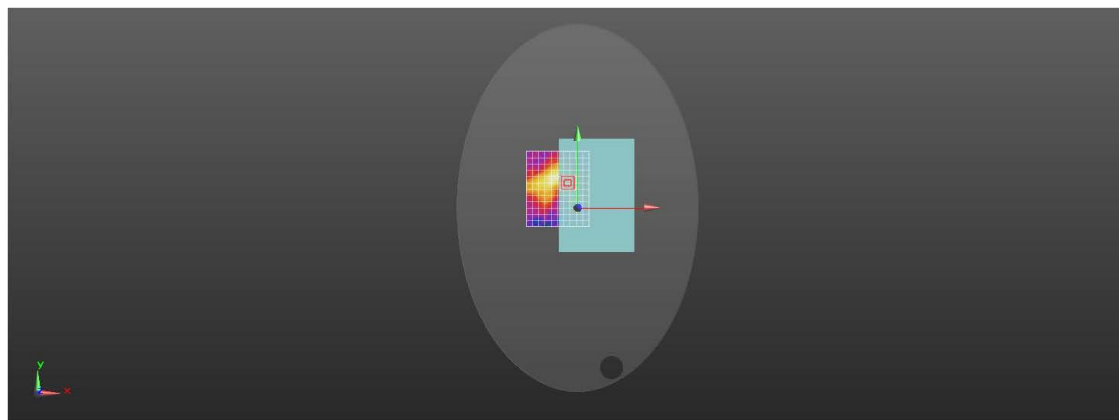
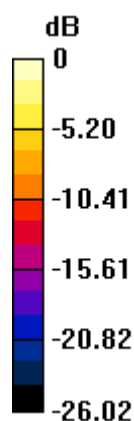
Communication System: UID 0, WI-FI(5.2GHz) (0); Frequency: 5180 MHz; Duty Cycle: 1:1.123

Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.581 \text{ S/m}$; $\epsilon_r = 36.732$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.45, 5.45, 5.45); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection),
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (11x13x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.191 W/kg **Configuration/Body/Zoom Scan (7x7x17)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$ Reference Value = 0.9710 V/m ; Power Drift = 0.07 dB Peak SAR (extrapolated) = 0.528 W/kg **SAR(1 g) = 0.119 W/kg ; SAR(10 g) = 0.035 W/kg** Maximum value of SAR (measured) = 0.232 W/kg 0 dB = 0.191 W/kg = -7.20 dBW/kg 

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11a 149CH Rear side 0mm**DUT: Puya; Type: HPPAP39; Serial: A09253166-1**

Communication System: UID 0, WI-FI(5.8GHz) (0); Frequency: 5775 MHz; Duty Cycle: 1:1.122

Medium parameters used: $f = 5745$ MHz; $\sigma = 5.254$ S/m; $\epsilon_r = 35.014$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.96, 4.96, 4.96); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection),
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (11x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.289 W/kg

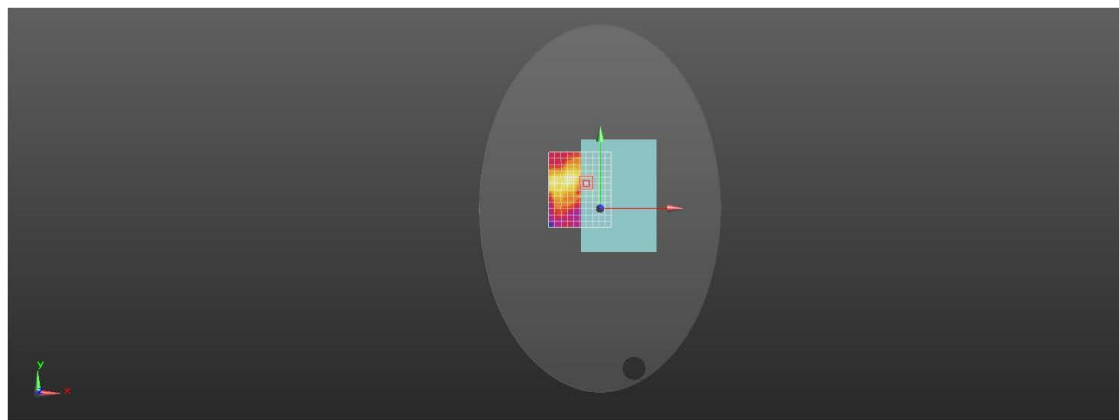
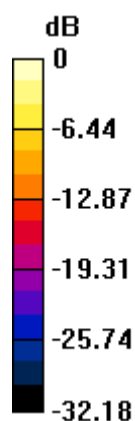
Configuration/Body/Zoom Scan (7x7x17)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.020 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.942 W/kg

SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.302 W/kg



0 dB = 0.289 W/kg = -5.39 dBW/kg

