

Testing result (WCDMA850 ANT 2, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 05/09/2024

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| E-Field Probe | SATIMO 3223-EPGO-422 |
| Area Scan | dx=15mm dy=15mm |
| Zoom Scan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Body |
| Band | WCDMA850 |
| Channels | Middle |
| Signal | WCDMA(Crest factor: 1.0) |

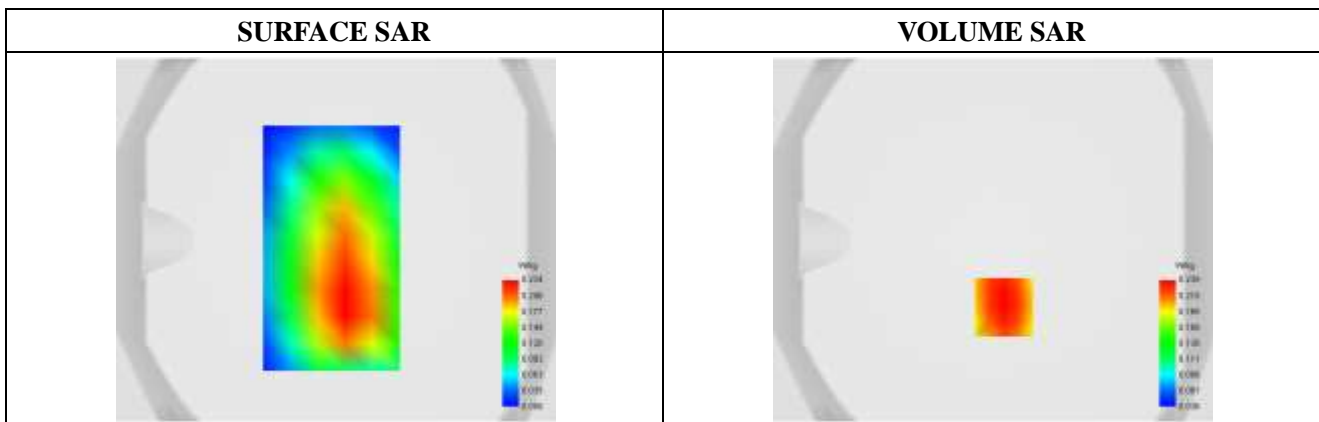
B. SAR Measurement Results

| | |
|--|-------|
| Frequency (MHz) | 836.6 |
| Relative permittivity (real part) | 41.24 |
| Conductivity (S/m) | 0.92 |
| Variation (%) | -0.88 |

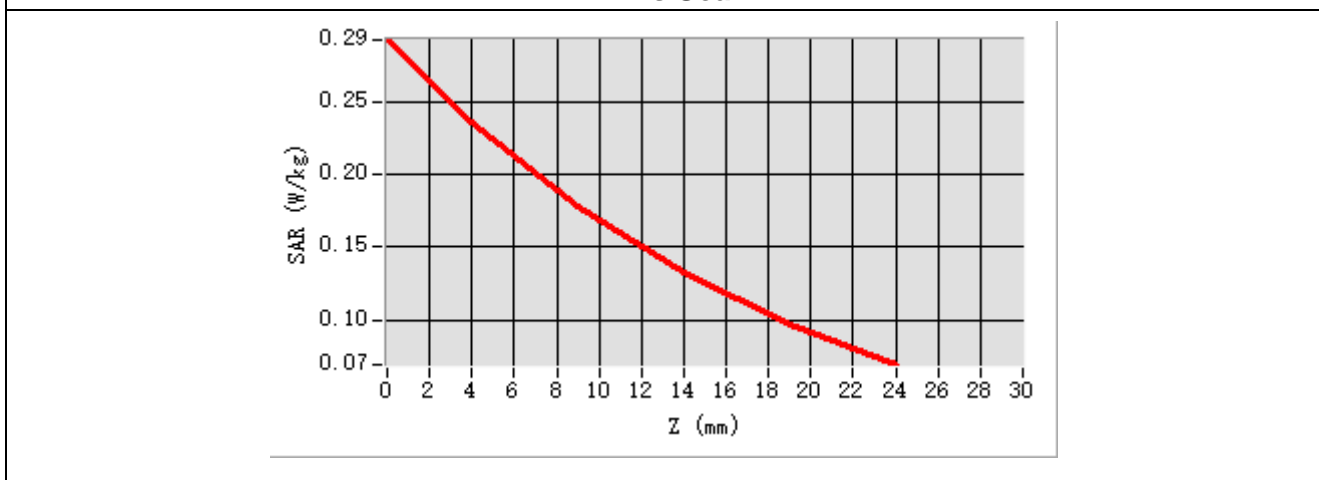
Maximum location: X=6.00, Y=-37.00

SAR Peak:0.29 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.161893 |
| SAR 1g (W/Kg) | 0.226789 |



Z Axis Scan



Testing result (WCDMA1700 ANT 2, Front, Middle, 10mm)

Type: phone measurement

Date of measurement: 04/30/2024

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| E-Field Probe | SATIMO 3223-EPGO-422 |
| Area Scan | dx=15mm dy=15mm |
| Zoom Scan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Body |
| Band | WCDMA1700 |
| Channels | Middle |
| Signal | WCDMA(Crest factor: 1.0) |

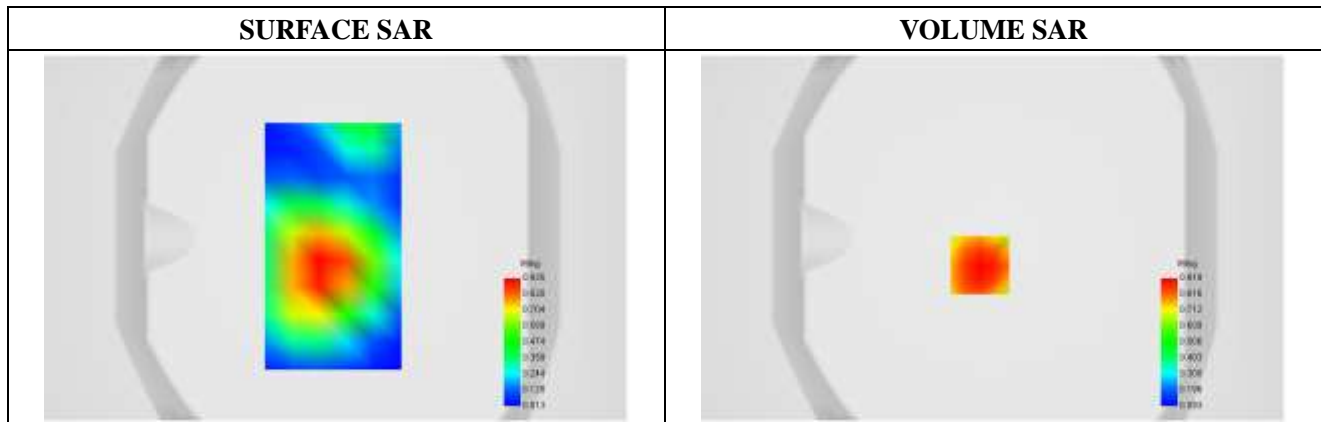
B. SAR Measurement Results

| | |
|--|--------|
| Frequency (MHz) | 1732.6 |
| Relative permittivity (real part) | 40.96 |
| Conductivity (S/m) | 1.35 |
| Variation (%) | -1.86 |

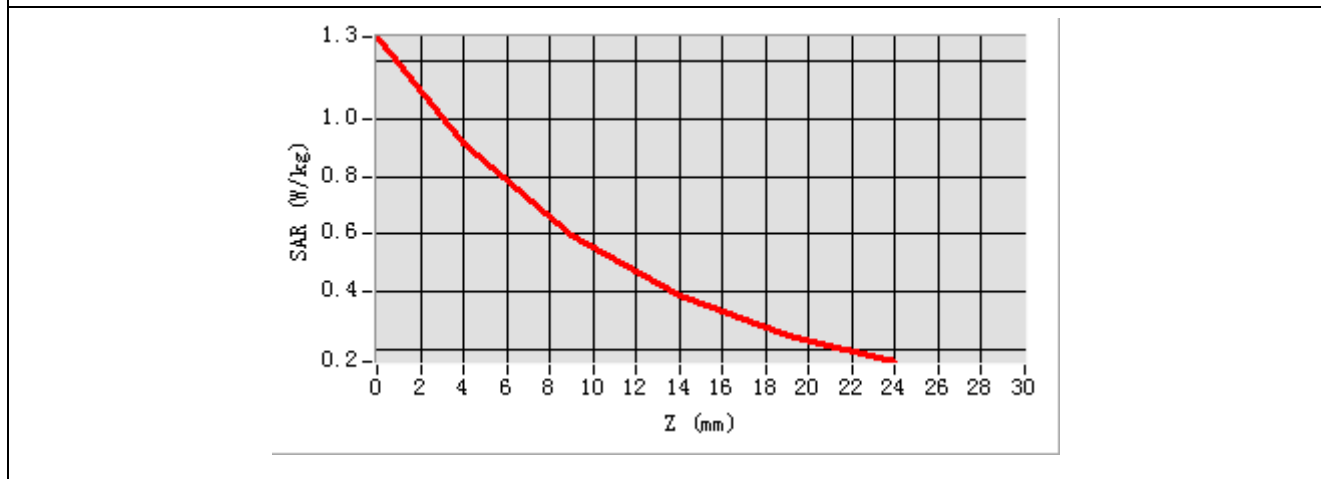
Maximum location: X=-8.00, Y=-15.00

SAR Peak: 1.31 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.561607 |
| SAR 1g (W/Kg) | 0.880218 |



Z Axis Scan



Testing result (WCDMA1900 ANT 2, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 05/07/2024

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| E-Field Probe | SATIMO 3223-EPGO-422 |
| Area Scan | dx=15mm dy=15mm |
| Zoom Scan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Body |
| Band | WCDMA1900 |
| Channels | Middle |
| Signal | WCDMA(Crest factor: 1.0) |

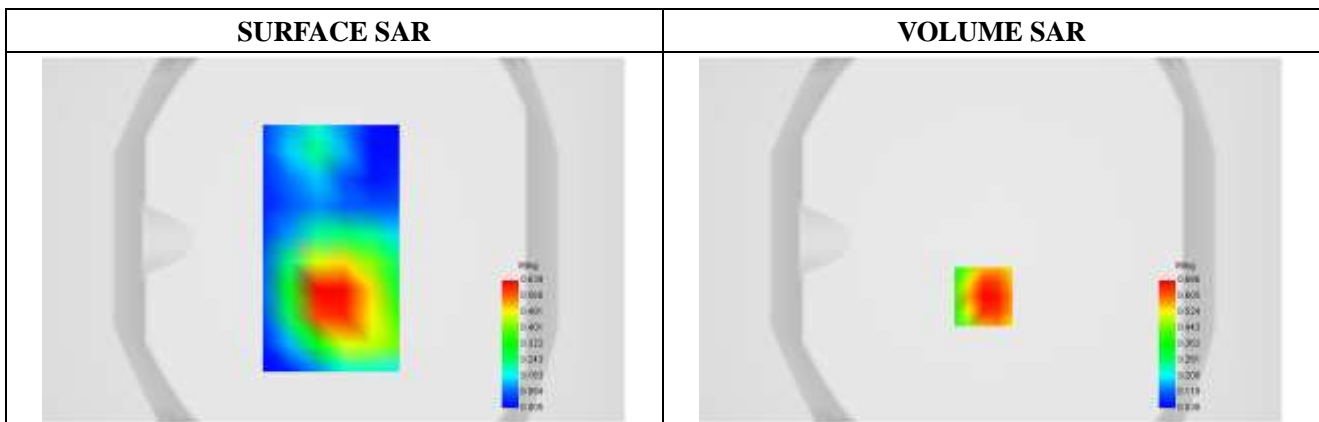
B. SAR Measurement Results

| | |
|--|--------|
| Frequency (MHz) | 1880.0 |
| Relative permittivity (real part) | 39.84 |
| Conductivity (S/m) | 1.41 |
| Variation (%) | -2.10 |

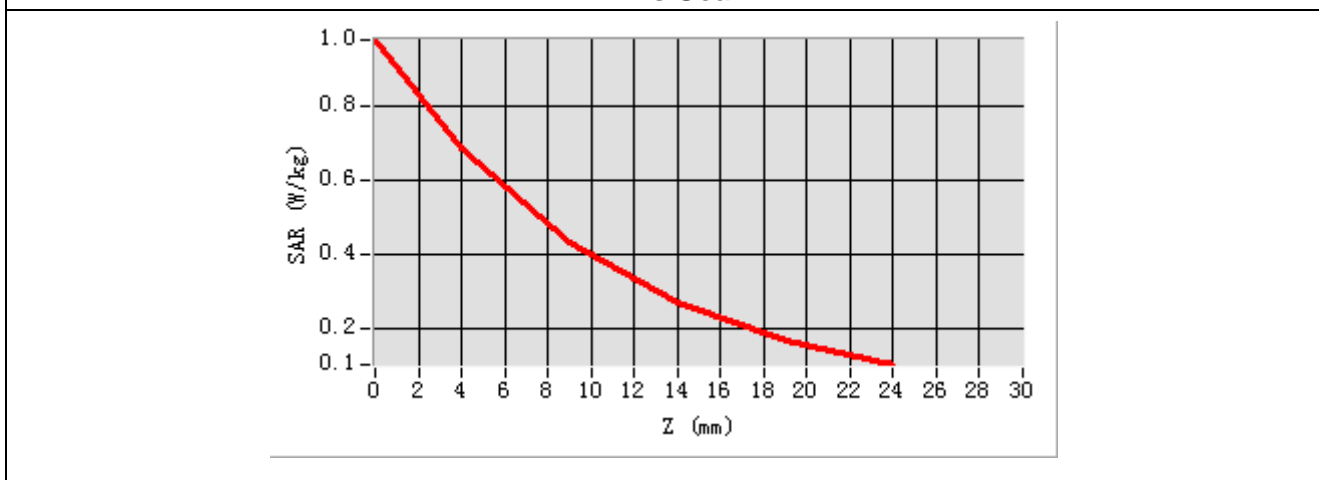
Maximum location: X=-5.00, Y=-31.00

SAR Peak: 1.01 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.400680 |
| SAR 1g (W/Kg) | 0.659085 |



Z Axis Scan



Testing result (LTE Band 2 ANT 2, Front, Middle, 10mm)

Type: phone measurement

Date of measurement: 05/07/2024

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| E-Field Probe | SATIMO 3223-EPGO-422 |
| Area Scan | dx=15mm dy=15mm |
| Zoom Scan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Body |
| Band | LTE Band 2 |
| Channels | Middle |
| Signal | LTE(Crest factor: 1.0) |

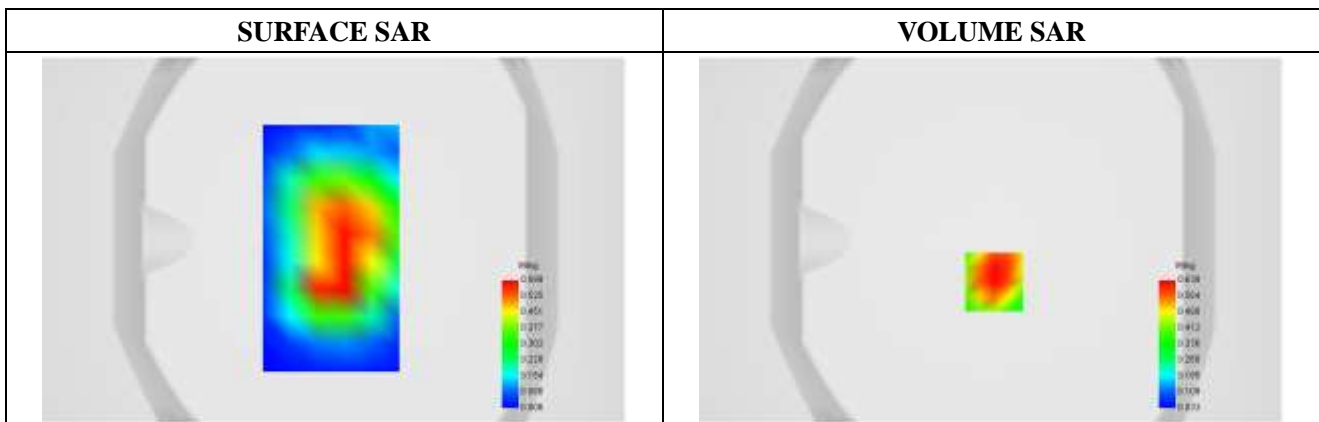
B. SAR Measurement Results

| | |
|--|--------|
| Frequency (MHz) | 1880.0 |
| Relative permittivity (real part) | 39.84 |
| Conductivity (S/m) | 1.41 |
| Variation (%) | -0.72 |

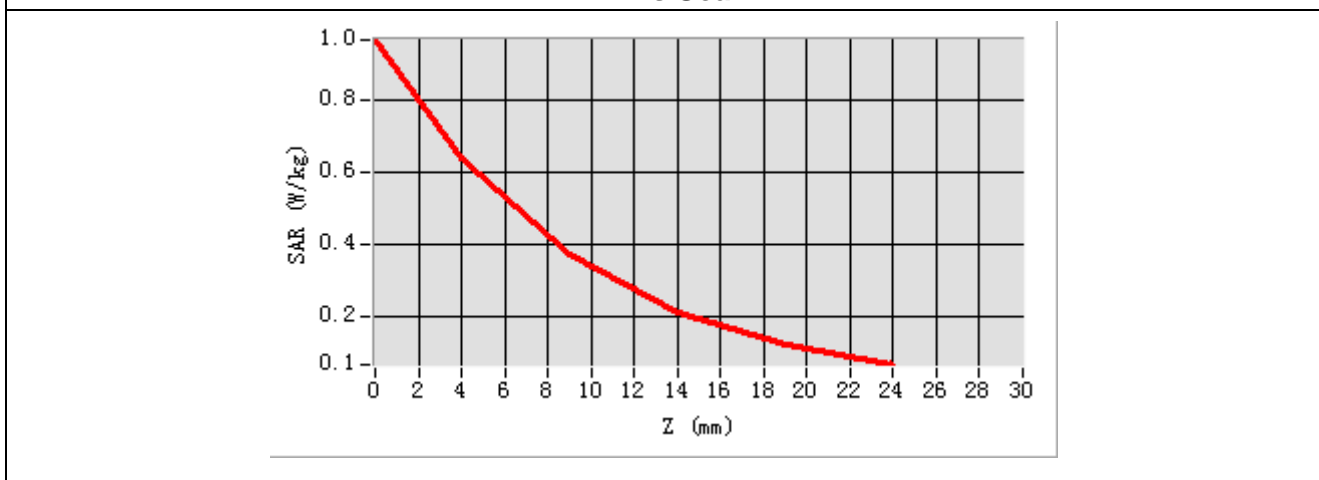
Maximum location: X=1.00, Y=-23.00

SAR Peak: 1.03 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.356165 |
| SAR 1g (W/Kg) | 0.612123 |



Z Axis Scan



Testing result (LTE Band 4 ANT 2, Front, High, 10mm)

Type: phone measurement

Date of measurement: 04/30/2024

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| E-Field Probe | SATIMO 3223-EPGO-422 |
| Area Scan | dx=15mm dy=15mm |
| Zoom Scan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Body |
| Band | LTE Band 4 |
| Channels | High |
| Signal | LTE(Crest factor: 1.0) |

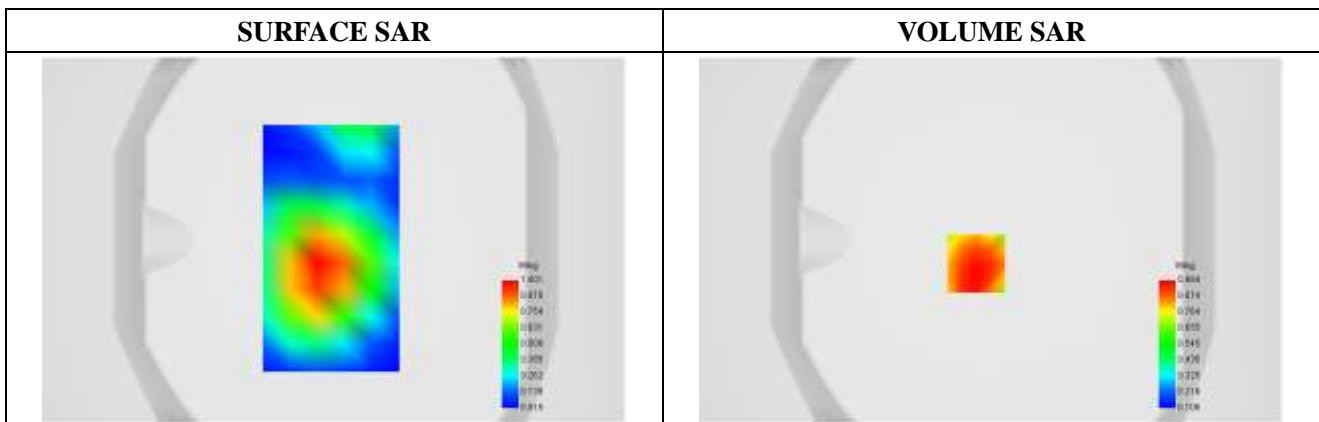
B. SAR Measurement Results

| | |
|--|--------|
| Frequency (MHz) | 1745.0 |
| Relative permittivity (real part) | 40.92 |
| Conductivity (S/m) | 1.36 |
| Variation (%) | 1.84 |

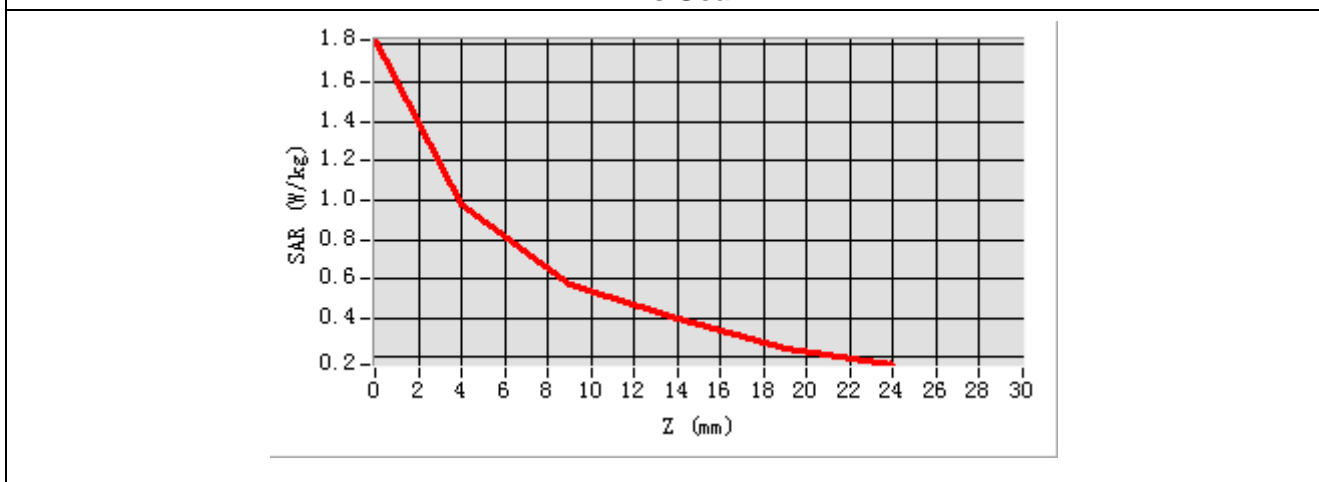
Maximum location: X=-9.00, Y=-13.00

SAR Peak: 1.79 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.599780 |
| SAR 1g (W/Kg) | 0.942428 |



Z Axis Scan



Testing result (LTE Band 5 ANT 2, Front, Middle, 10mm)

Type: phone measurement

Date of measurement: 05/09/2024

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| E-Field Probe | SATIMO 3223-EPGO-422 |
| Area Scan | dx=15mm dy=15mm |
| Zoom Scan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Body |
| Band | LTE Band 5 |
| Channels | Middle |
| Signal | LTE(Crest factor: 1.0) |

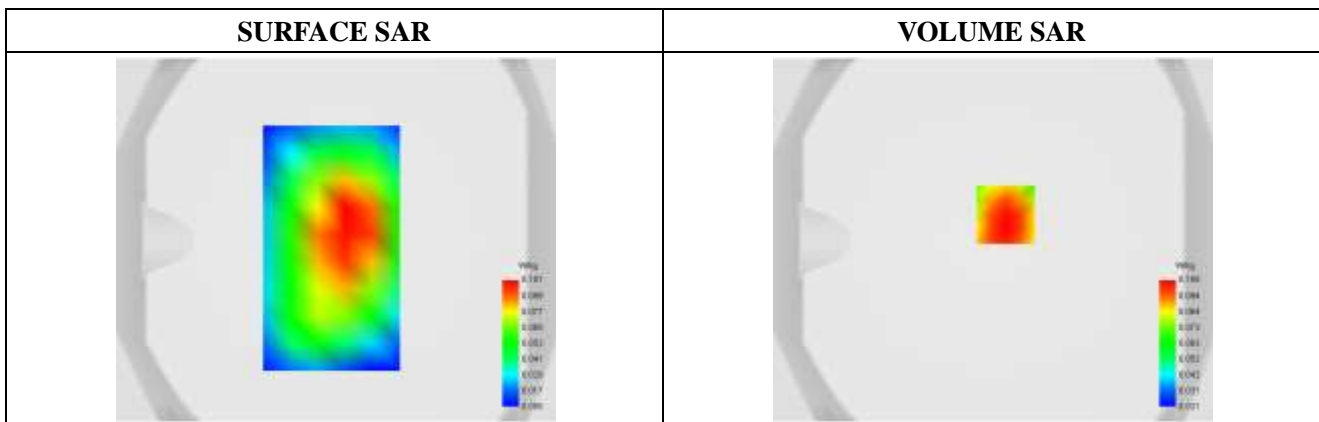
B. SAR Measurement Results

| | |
|--|-------|
| Frequency (MHz) | 836.5 |
| Relative permittivity (real part) | 41.24 |
| Conductivity (S/m) | 0.92 |
| Variation (%) | -0.27 |

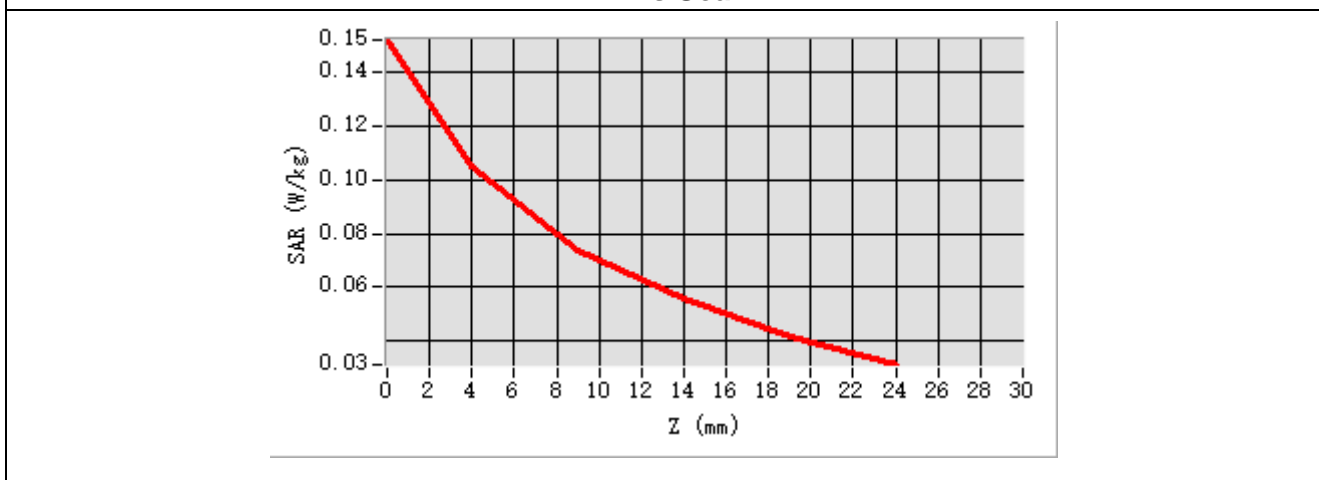
Maximum location: X=7.00, Y=14.00

SAR Peak: 0.15 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.070054 |
| SAR 1g (W/Kg) | 0.101745 |



Z Axis Scan



Testing result (LTE Band 7 ANT 2, Repeat Back, Low, 10mm)

Type: phone measurement

Date of measurement: 05/14/2024

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| E-Field Probe | SATIMO 3223-EPGO-422 |
| Area Scan | dx=12mm dy=12mm |
| Zoom Scan | 7x7x7,dx=5mm dy=5mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Body |
| Band | LTE Band 7 |
| Channels | Low |
| Signal | LTE(Crest factor: 1.0) |

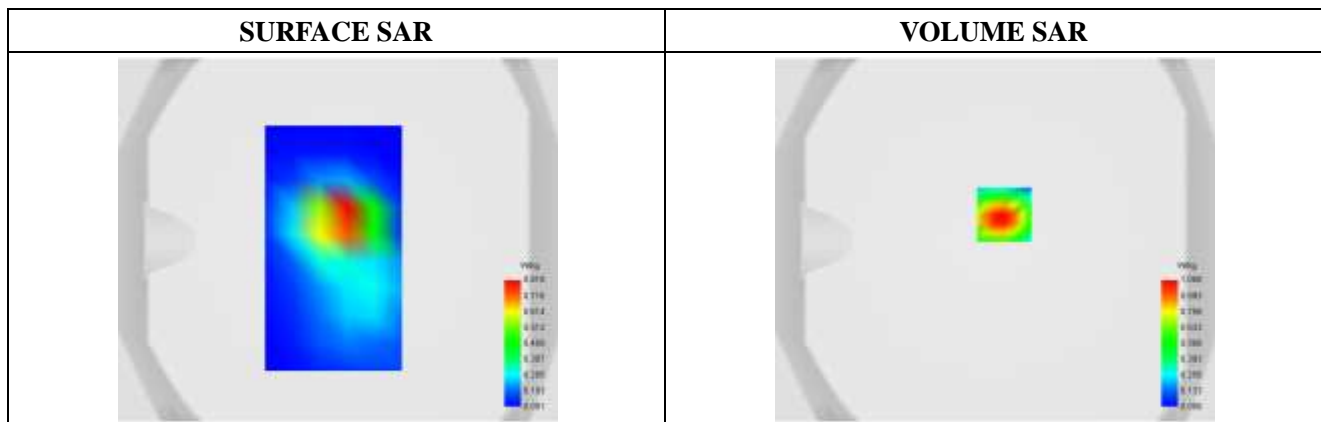
B. SAR Measurement Results

| | |
|--|--------|
| Frequency (MHz) | 2510.0 |
| Relative permittivity (real part) | 39.38 |
| Conductivity (S/m) | 1.92 |
| Variation (%) | 0.10 |

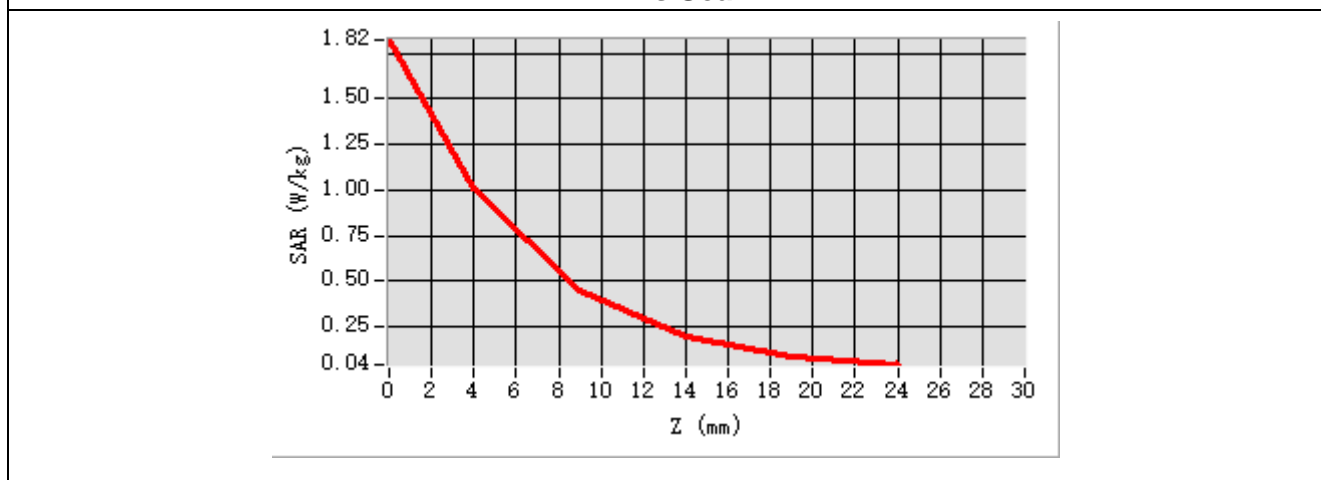
Maximum location: X=5.00, Y=14.00

SAR Peak: 1.82 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.440384 |
| SAR 1g (W/Kg) | 0.948625 |



Z Axis Scan



Testing result (LTE Band 12 ANT 2, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 05/06/2024

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| E-Field Probe | SATIMO 3223-EPGO-422 |
| Area Scan | dx=15mm dy=15mm |
| Zoom Scan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Body |
| Band | LTE Band 12 |
| Channels | Middle |
| Signal | LTE(Crest factor: 1.0) |

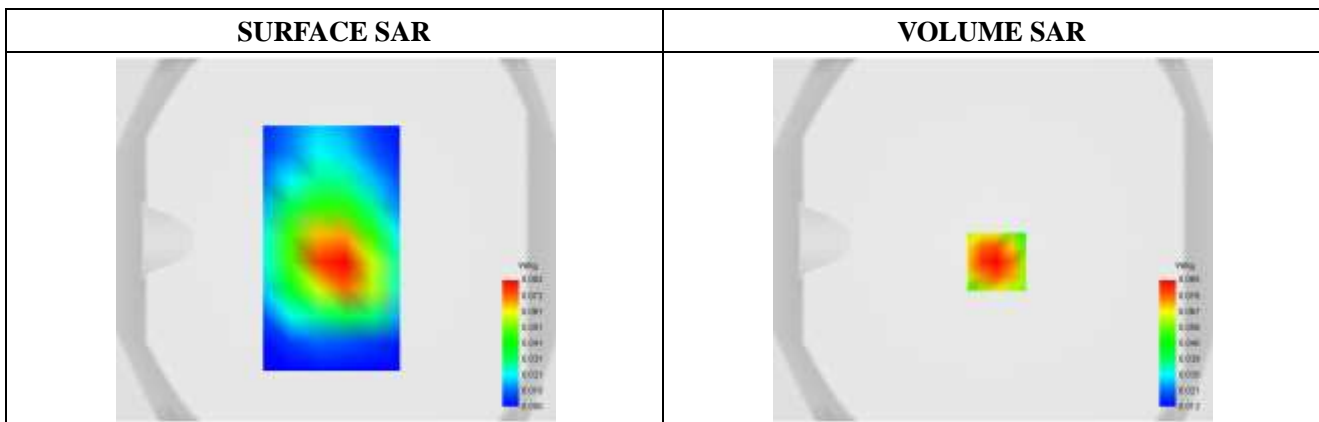
B. SAR Measurement Results

| | |
|--|-------|
| Frequency (MHz) | 707.5 |
| Relative permittivity (real part) | 42.85 |
| Conductivity (S/m) | 0.88 |
| Variation (%) | 0.27 |

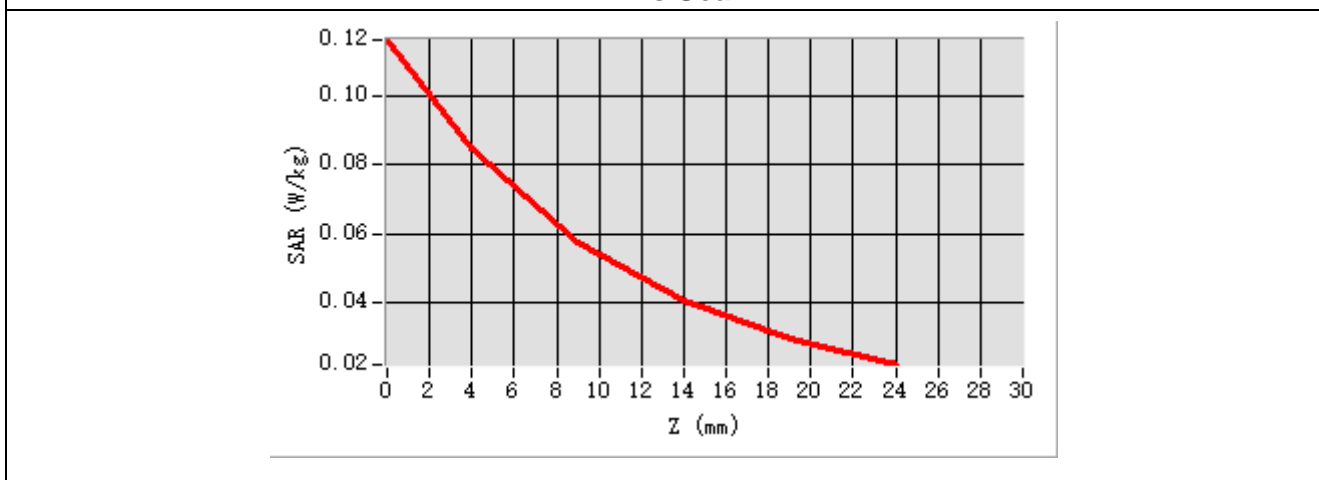
Maximum location: X=2.00, Y=-12.00

SAR Peak: 0.12 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.054810 |
| SAR 1g (W/Kg) | 0.083077 |



Z Axis Scan



Testing result (LTE Band 17 ANT 2, Front, Middle, 10mm)

Type: phone measurement

Date of measurement: 05/06/2024

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| E-Field Probe | SATIMO 3223-EPGO-422 |
| Area Scan | dx=15mm dy=15mm |
| Zoom Scan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Body |
| Band | LTE Band 17 |
| Channels | Middle |
| Signal | LTE(Crest factor: 1.0) |

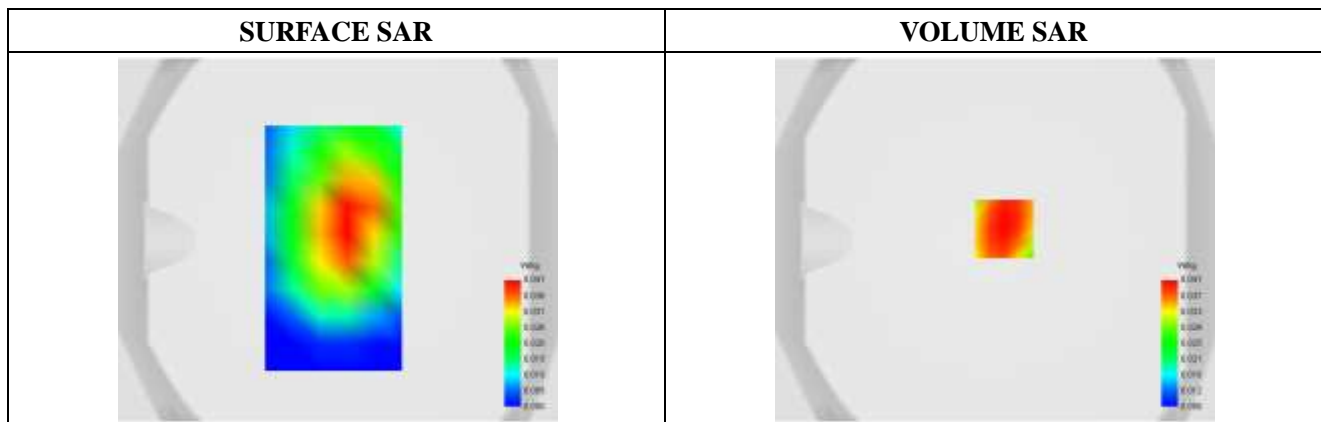
B. SAR Measurement Results

| | |
|--|-------|
| Frequency (MHz) | 710.0 |
| Relative permittivity (real part) | 42.85 |
| Conductivity (S/m) | 0.88 |
| Variation (%) | -1.25 |

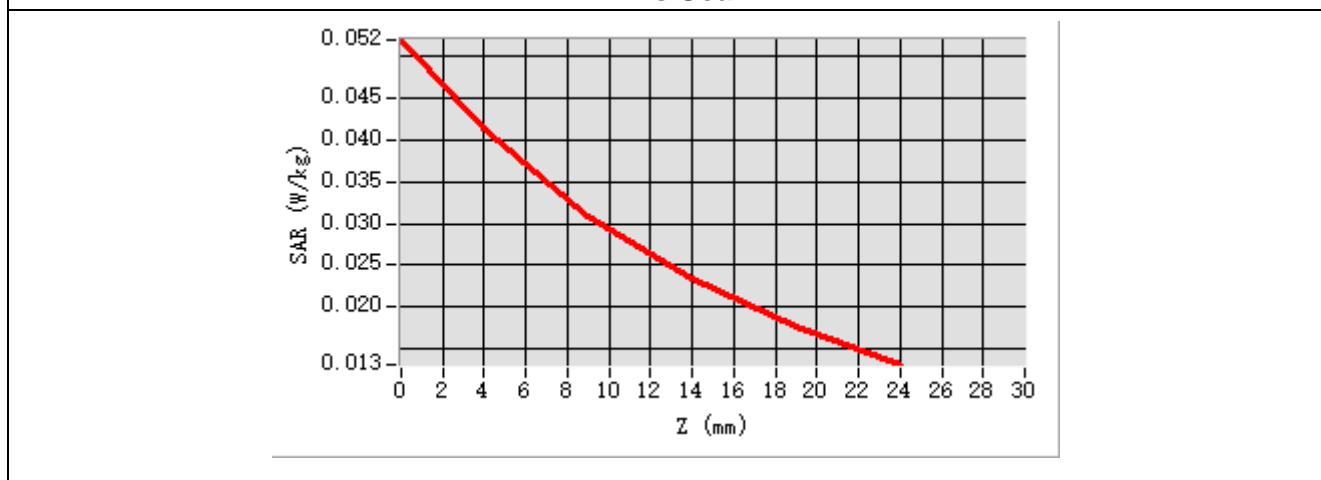
Maximum location: X=5.00, Y=6.00

SAR Peak: 0.05 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.028075 |
| SAR 1g (W/Kg) | 0.040888 |



Z Axis Scan



Testing result (LTE Band 25 ANT 2, Front, Middle, 10mm)

Type: phone measurement

Date of measurement: 05/07/2024

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| E-Field Probe | SATIMO 3223-EPGO-422 |
| Area Scan | dx=15mm dy=15mm |
| Zoom Scan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Body |
| Band | LTE Band 25 |
| Channels | Middle |
| Signal | LTE(Crest factor: 1.0) |

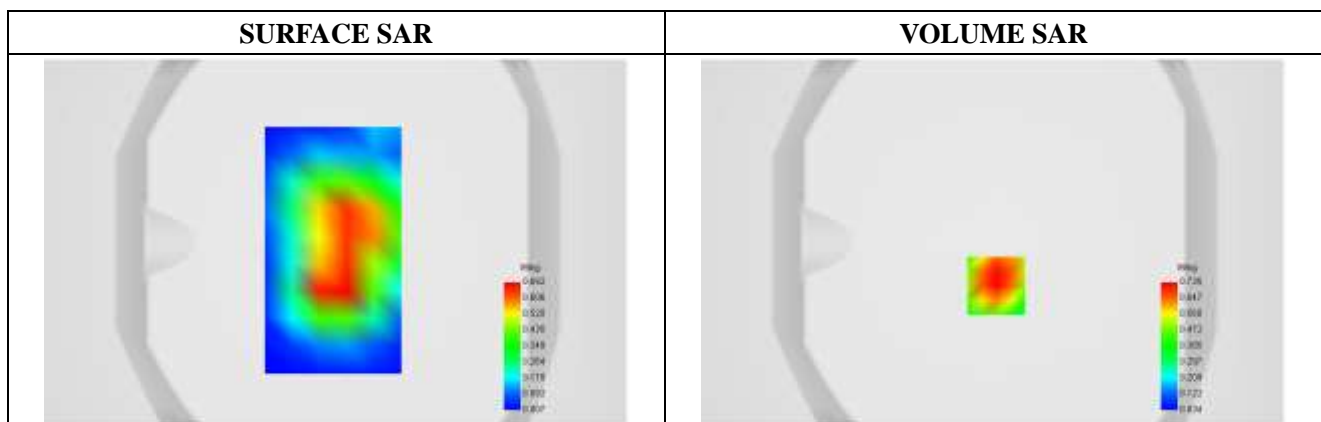
B. SAR Measurement Results

| | |
|--|--------|
| Frequency (MHz) | 1882.5 |
| Relative permittivity (real part) | 39.84 |
| Conductivity (S/m) | 1.41 |
| Variation (%) | 1.17 |

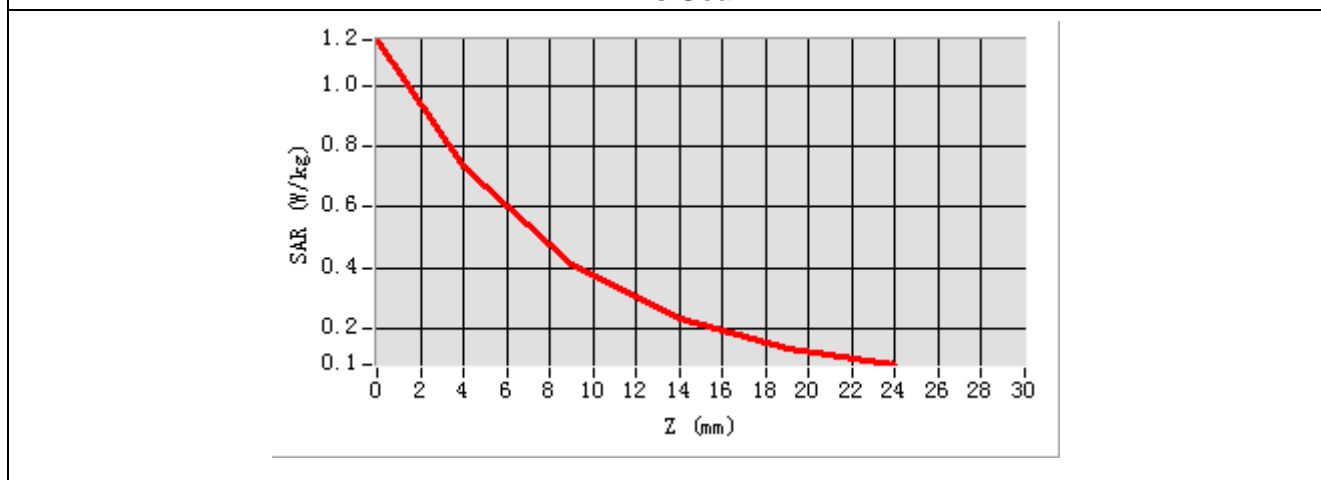
Maximum location: X=1.00, Y=-24.00

SAR Peak: 1.22 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.404105 |
| SAR 1g (W/Kg) | 0.704653 |



Z Axis Scan



Testing result (LTE Band 26 ANT 2, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 05/09/2024

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| E-Field Probe | SATIMO 3223-EPGO-422 |
| Area Scan | dx=15mm dy=15mm |
| Zoom Scan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Body |
| Band | LTE Band 26 |
| Channels | Middle |
| Signal | LTE(Crest factor: 1.0) |

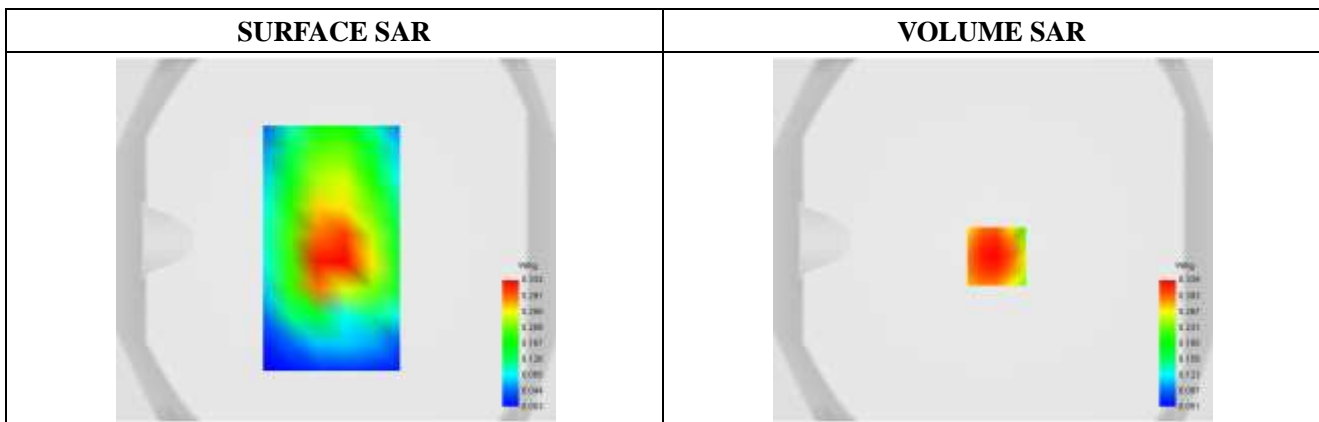
B. SAR Measurement Results

| | |
|--|-------|
| Frequency (MHz) | 831.5 |
| Relative permittivity (real part) | 41.24 |
| Conductivity (S/m) | 0.92 |
| Variation (%) | 0.48 |

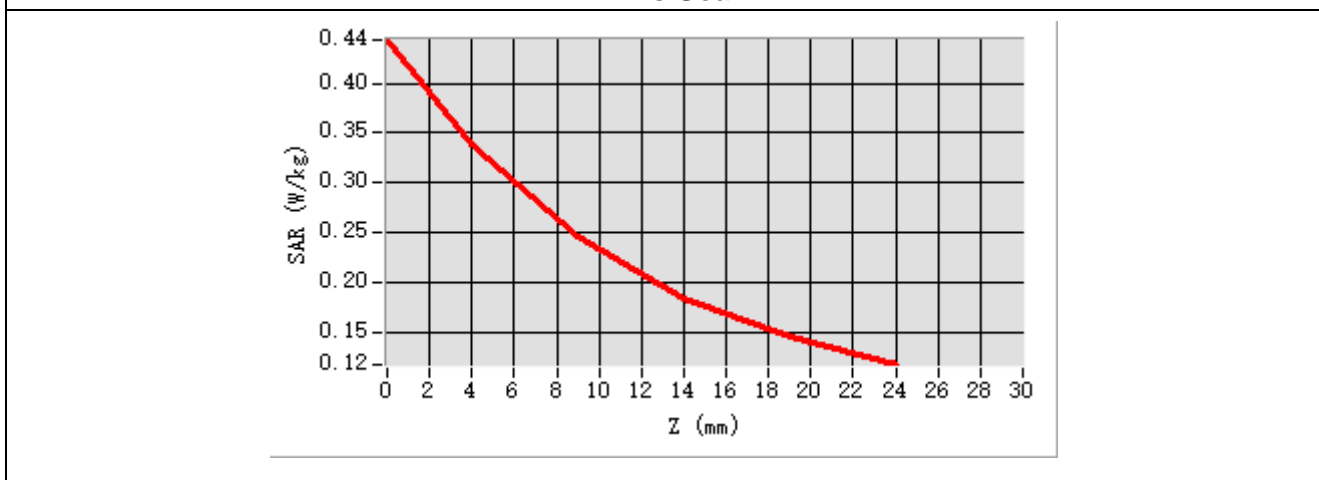
Maximum location: X=2.00, Y=-9.00

SAR Peak: 0.44 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.216538 |
| SAR 1g (W/Kg) | 0.328276 |



Z Axis Scan



Testing result (LTE Band 41 ANT 2, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 05/14/2024

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| E-Field Probe | SATIMO 3223-EPGO-422 |
| Area Scan | dx=12mm dy=12mm |
| Zoom Scan | 7x7x7,dx=5mm dy=5mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Body |
| Band | LTE Band 41 |
| Channels | Middle |
| Signal | LTE(Crest factor: 0.633) |

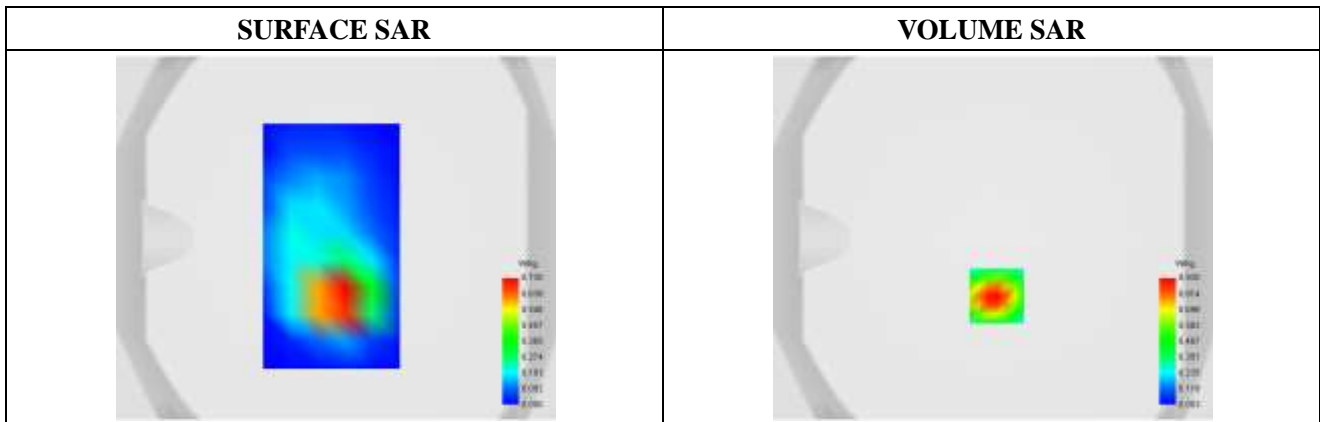
B. SAR Measurement Results

| | |
|--|--------|
| Frequency (MHz) | 2605.0 |
| Relative permittivity (real part) | 39.29 |
| Conductivity (S/m) | 1.98 |
| Variation (%) | -2.01 |

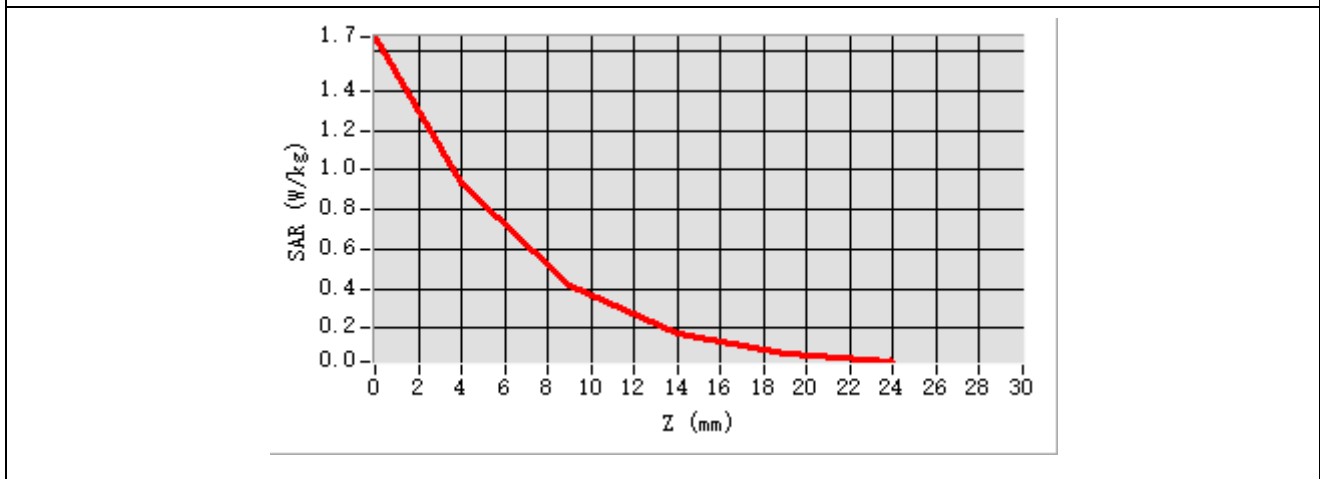
Maximum location: X=2.00, Y=-32.00

SAR Peak: 1.72 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.394001 |
| SAR 1g (W/Kg) | 0.806918 |



Z Axis Scan



Testing result (WI-FI 2.4G 802.11b ANT 3, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 05/12/2024

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| E-Field Probe | SATIMO 3223-EPGO-422 |
| Area Scan | dx=12mm dy=12mm |
| Zoom Scan | 7x7x7,dx=5mm dy=5mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Body |
| Band | WI-FI 802.11b |
| Channels | Middle |
| Signal | DSSS(Crest factor: 1.0) |

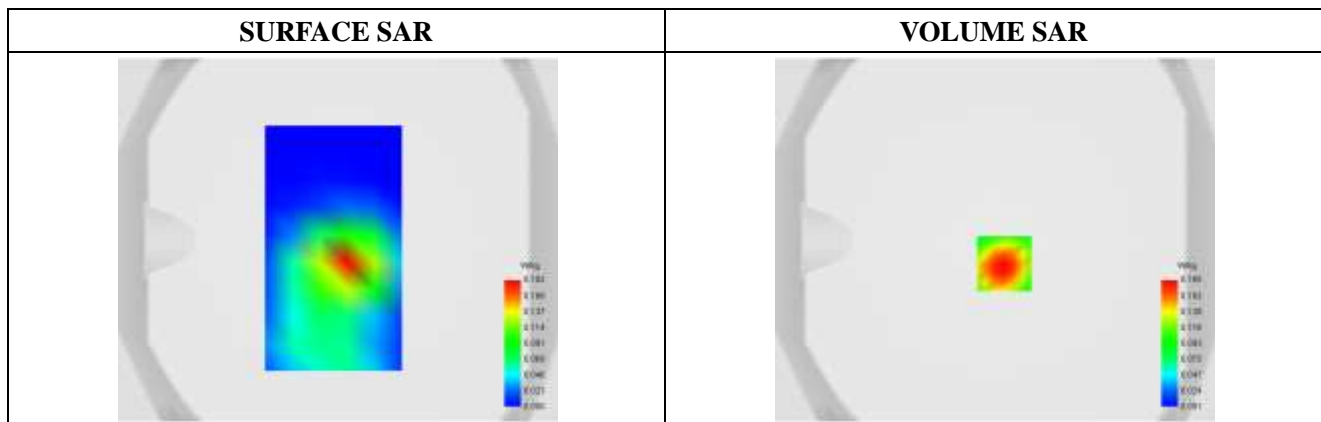
B. SAR Measurement Results

| | |
|--|--------|
| Frequency (MHz) | 2437.0 |
| Relative permittivity (real part) | 39.67 |
| Conductivity (S/m) | 1.83 |
| Variation (%) | 1.95 |

Maximum location: X=5.00, Y=-13.00

SAR Peak: 0.33 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.087360 |
| SAR 1g (W/Kg) | 0.174021 |



Z Axis Scan



Testing result (WI-FI U-NII 1 802.11a ANT 3, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 05/10/2024

A. Experimental conditions.

| | |
|------------------------|-----------------------------|
| E-Field Probe | SATIMO SN 41/18 EPGO330 |
| Area Scan | dx=10mm dy=10mm |
| Zoom Scan | 7x7x12,dx=4mm dy=4mm dz=2mm |
| Phantom | Validation plane |
| Device Position | Body |
| Band | WI-FI 802.11a |
| Channels | Middle |
| Signal | OFDM(Crest factor: 1.0) |

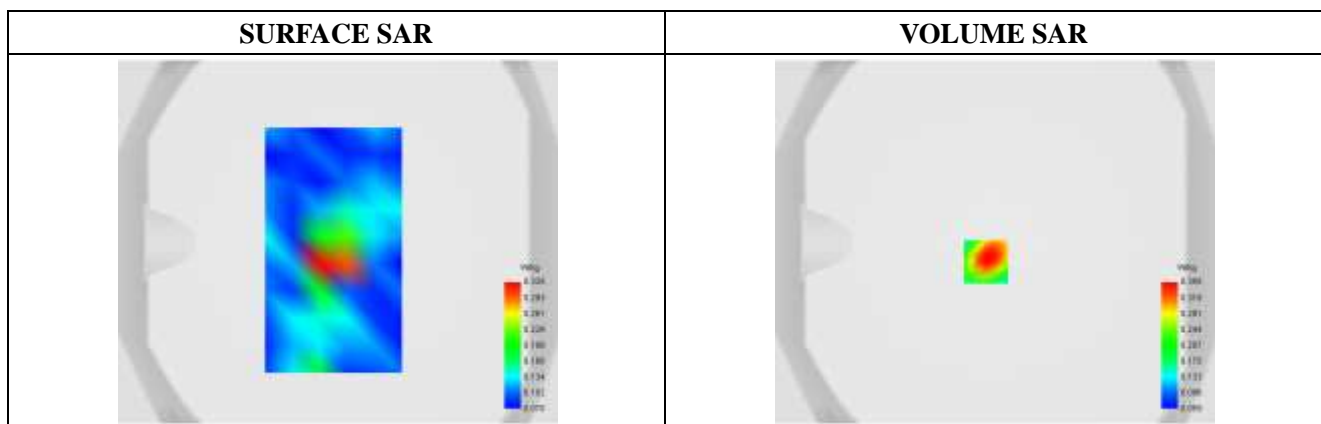
B. SAR Measurement Results

| | |
|--|--------|
| Frequency (MHz) | 5220.0 |
| Relative permittivity (real part) | 35.21 |
| Conductivity (S/m) | 4.52 |
| Variation (%) | 1.72 |

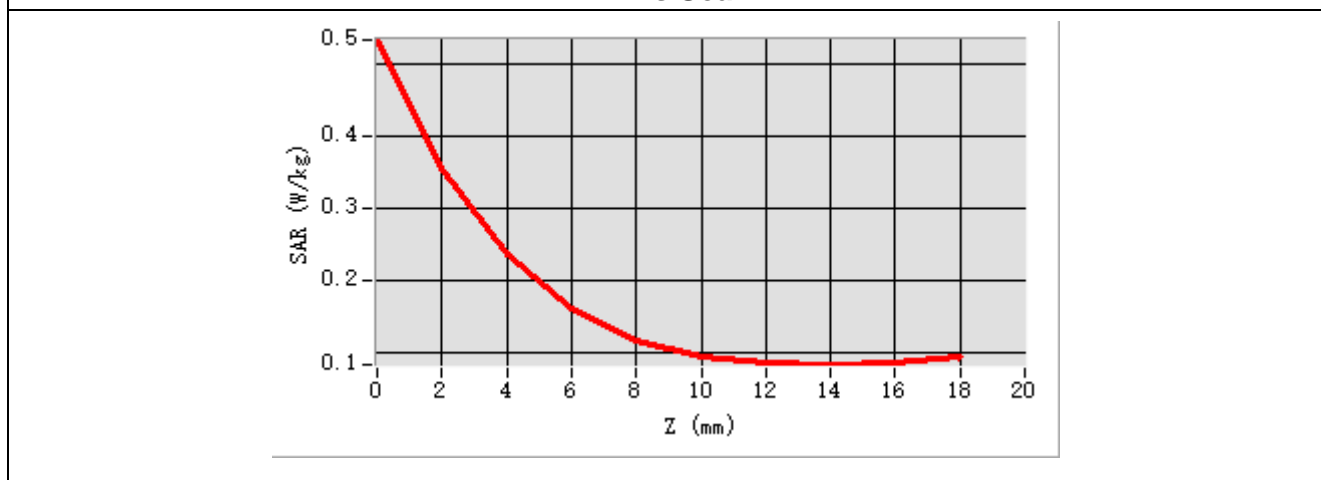
Maximum location: X=-5.00, Y=-11.00

SAR Peak:0.51 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.130961 |
| SAR 1g (W/Kg) | 0.256993 |



Z Axis Scan



Testing result (WI-FI U-NII 3C 802.11a ANT 3, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 05/11/2024

A. Experimental conditions.

| | |
|------------------------|-----------------------------|
| E-Field Probe | SATIMO SN 41/18 EPGO330 |
| Area Scan | dx=10mm dy=10mm |
| Zoom Scan | 7x7x12,dx=4mm dy=4mm dz=2mm |
| Phantom | Validation plane |
| Device Position | Body |
| Band | WI-FI 802.11a |
| Channels | Middle |
| Signal | OFDM(Crest factor: 1.0) |

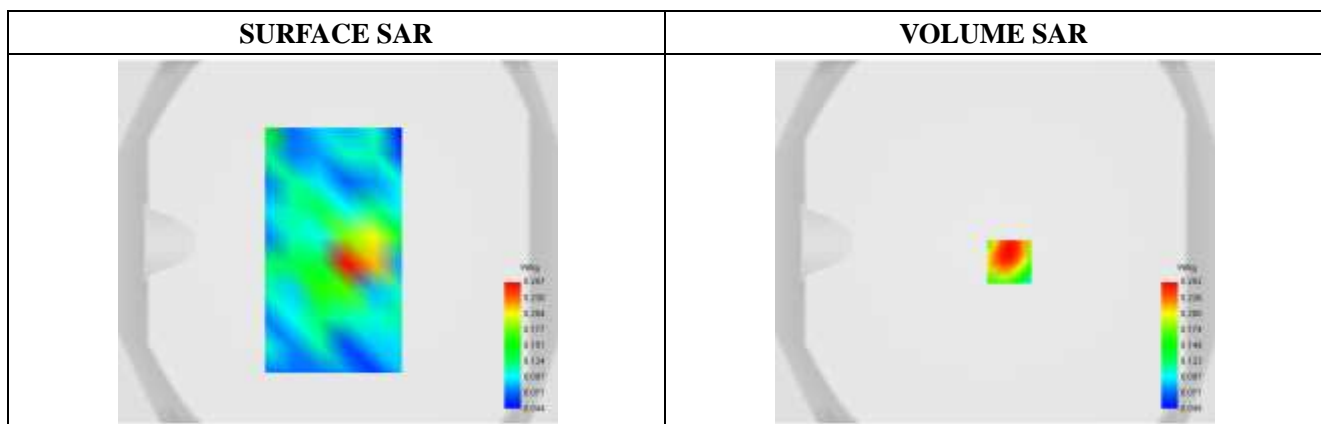
B. SAR Measurement Results

| | |
|--|--------|
| Frequency (MHz) | 5785.0 |
| Relative permittivity (real part) | 34.16 |
| Conductivity (S/m) | 5.22 |
| Variation (%) | 0.89 |

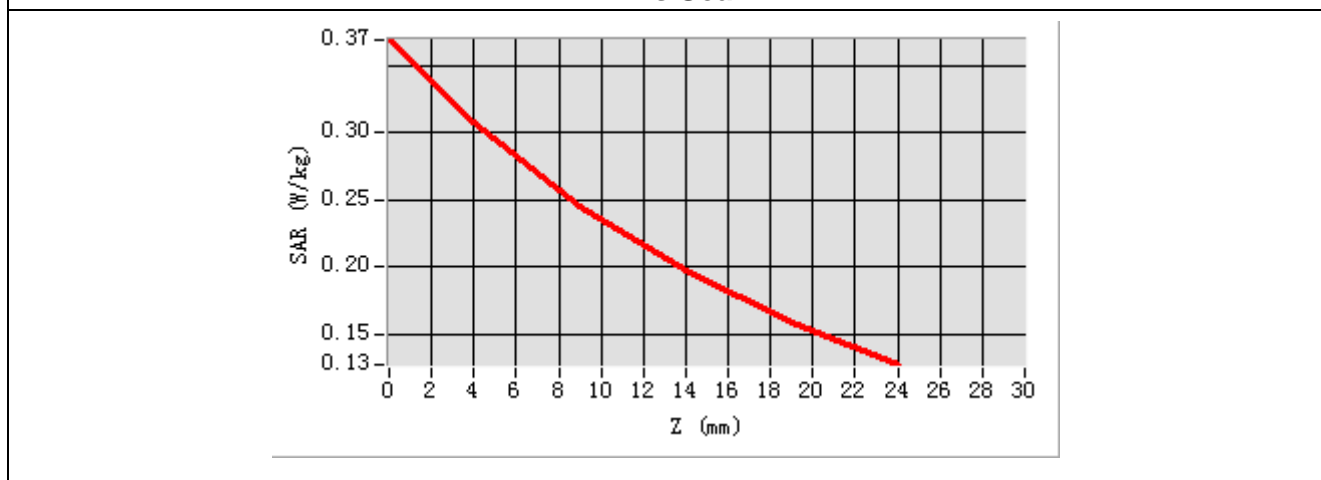
Maximum location: X=8.00, Y=-11.00

SAR Peak:0.37 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.096643 |
| SAR 1g (W/Kg) | 0.199093 |



Z Axis Scan



Testing result (Bluetooth ANT 3, Back, Middle, 10mm)

Type: phone measurement

Date of measurement: 05/12/2024

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| E-Field Probe | SATIMO 3223-EPGO-422 |
| Area Scan | dx=12mm dy=12mm |
| Zoom Scan | 7x7x7,dx=5mm dy=5mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Body |
| Band | Bluetooth |
| Channels | Middle |
| Signal | GFSK(Crest factor: 1.0) |

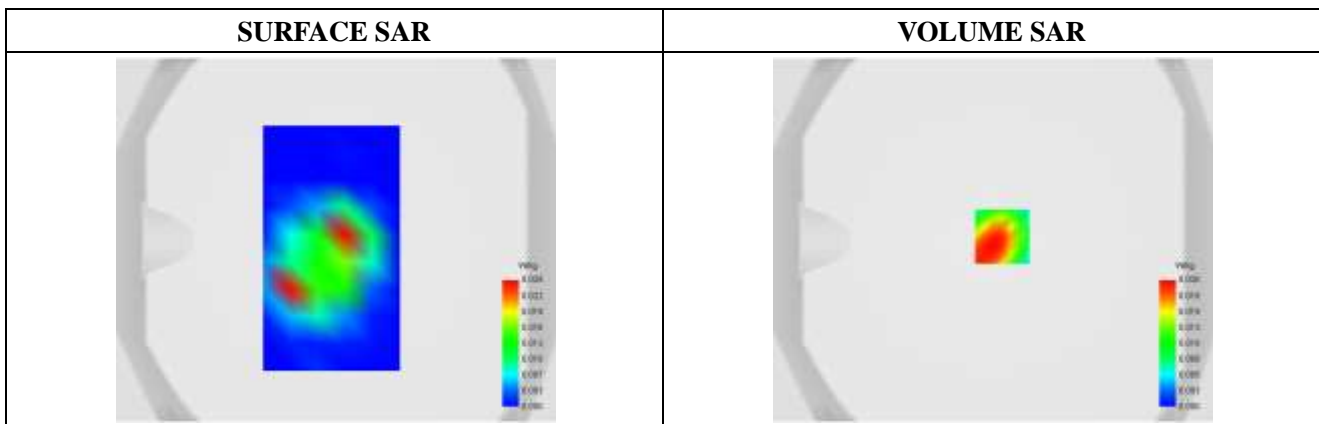
B. SAR Measurement Results

| | |
|--|--------|
| Frequency (MHz) | 2441.0 |
| Relative permittivity (real part) | 39.66 |
| Conductivity (S/m) | 1.84 |
| Variation (%) | 0.59 |

Maximum location: X=5.00, Y=2.00

SAR Peak: 0.05 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.008235 |
| SAR 1g (W/Kg) | 0.020181 |



Z Axis Scan

