

Appendix B: SAR Measurement results Plots

| Plot | Frequency/Mode | Testing Position and Channel | Test Date |
|------|-------------------|------------------------------|------------|
| 1 | GSM850 | Right Cheek Middle | 2019/12/03 |
| 2 | GSM850/GPRS4Tx | Body Back, Middle ,10mm | 2019/12/03 |
| 3 | GSM1900 | Left Cheek Middle | 2019/12/06 |
| 4 | GSM1900/GPRS4Tx | Body Back, Middle ,10mm | 2019/12/06 |
| 5 | WCDMA1900 | Left Cheek Middle | 2019/12/06 |
| 6 | WCDMA1900 | Body Back, Middle ,10mm | 2019/12/06 |
| 7 | WCDMA850 | Right Cheek Middle | 2019/12/03 |
| 8 | WCDMA850 | Body Back, Middle ,10mm | 2019/12/03 |
| 9 | LTE Band2 | Left Cheek Middle | 2019/12/06 |
| 10 | LTE Band2 | Body Back, Middle ,10mm | 2019/12/06 |
| 11 | LTE Band4 | Left Cheek Middle | 2019/12/05 |
| 12 | LTE Band4 | Body Back, Middle ,10mm | 2019/12/05 |
| 13 | LTE Band5 | Right Cheek Middle | 2019/12/03 |
| 14 | LTE Band5 | Body Back, Middle ,10mm | 2019/12/03 |
| 15 | LTE Band7 | Left Cheek Middle | 2019/12/10 |
| 16 | LTE Band7 | Body Back, Middle ,10mm | 2019/12/10 |
| 17 | LTE Band7 | Edge C, Middle ,10mm | 2019/12/10 |
| 18 | LTE Band12 | Right Cheek Middle | 2019/12/02 |
| 19 | LTE Band12 | Body Back, Middle ,10mm | 2019/12/02 |
| 20 | LTE Band17 | Right Cheek Middle | 2019/12/02 |
| 21 | LTE Band17 | Body Back, Middle ,10mm | 2019/12/02 |
| 22 | LTE Band25 | Left Cheek Middle | 2019/12/06 |
| 23 | LTE Band25 | Body Back, Middle ,10mm | 2019/12/06 |
| 24 | LTE Band41 | Left Cheek Middle | 2019/12/10 |
| 25 | LTE Band41 | Body Back, Middle ,10mm | 2019/12/10 |
| 26 | LTE Band41 | Edge C, Middle ,10mm | 2019/12/10 |
| 27 | LTE Band66 | Left Cheek Middle | 2019/12/05 |
| 28 | LTE Band66 | Body Back, Middle ,10mm | 2019/12/05 |
| 29 | WIFI 2.4G 802.11b | Right Cheek Middle | 2019/12/09 |
| 30 | WIFI 2.4G 802.11b | Body Face, Middle ,10mm | 2019/12/09 |
| 31 | WIFI 2.4G 802.11b | Edge B, Middle ,10mm | 2019/12/09 |
| 32 | WIFI 5G 802.11a | Right Cheek Middle | 2019/12/11 |
| 33 | WIFI 5G 802.11a | Body Face, Middle ,10mm | 2019/12/11 |
| 34 | CDMA BC0 | Right Cheek Middle | 2019/12/03 |
| 35 | CDMA BC0 | Body Back, Middle ,10mm | 2019/12/03 |

Plot 1: GSM850, Right Cheek, Middle

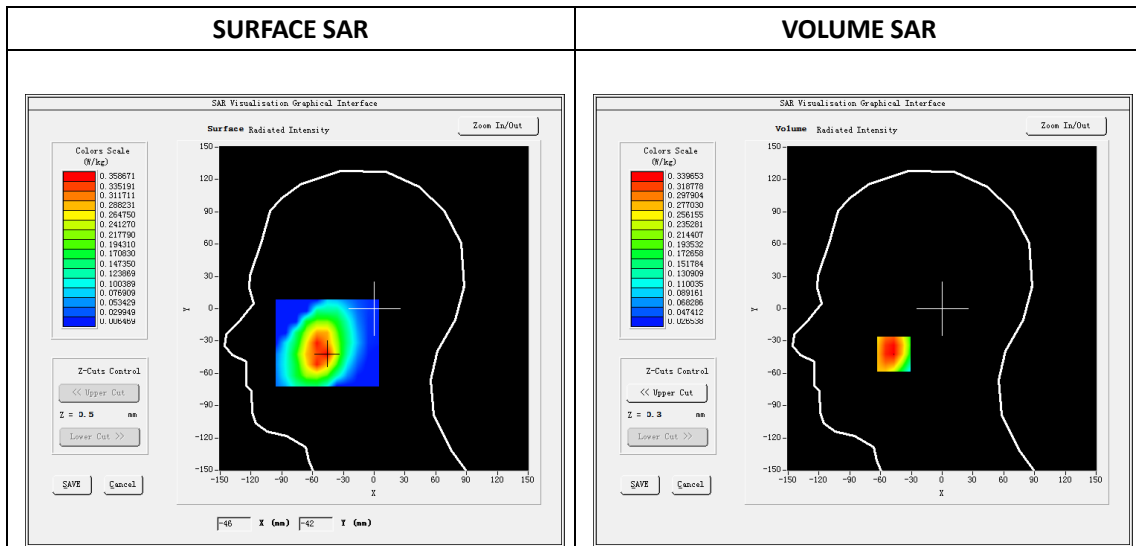
Type: Phone measurement
 Date of measurement: 12/03/2019
 Measurement duration: 22 minutes 05 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|-----------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| ZoomScan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Right Cheek |
| Band | GSM850 |
| Channels | 190 |
| Signal | GSM (Duty cycle: 1:8.3) |

B. SAR Measurement Results

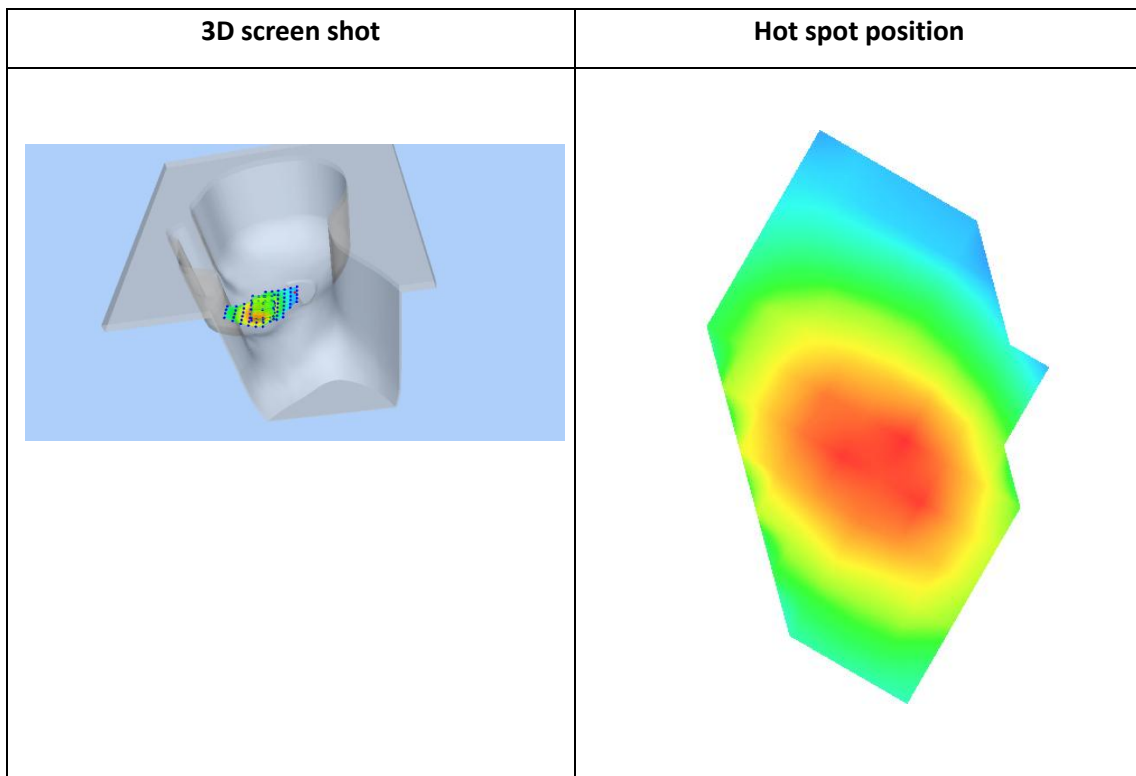
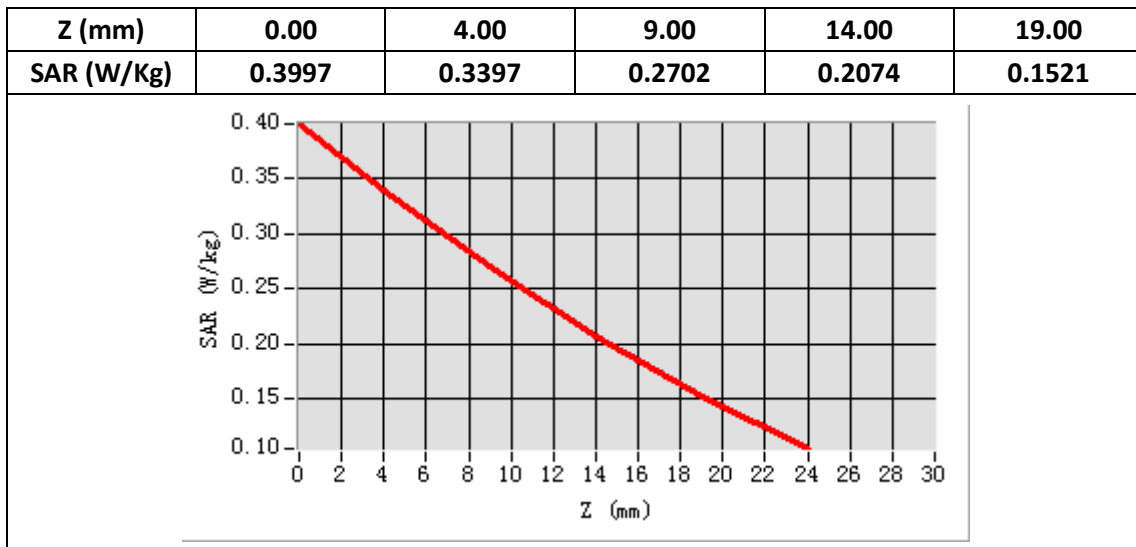
| | |
|--|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 836.6 |
| Relative permittivity (real part) | 41.63 |
| Relative permittivity (imaginary part) | 20.05 |
| Conductivity (S/m) | 0.93 |
| Variation (%) | -1.95 |
| ConvF: | 1.92 |



Maximum location: X=-47.00, Y=-42.00

SAR Peak: 0.41W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.244148 |
| SAR 1g (W/Kg) | 0.332203 |



Plot 2: GPRS850, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 12/03/2019

Measurement duration: 22 minutes 08 seconds

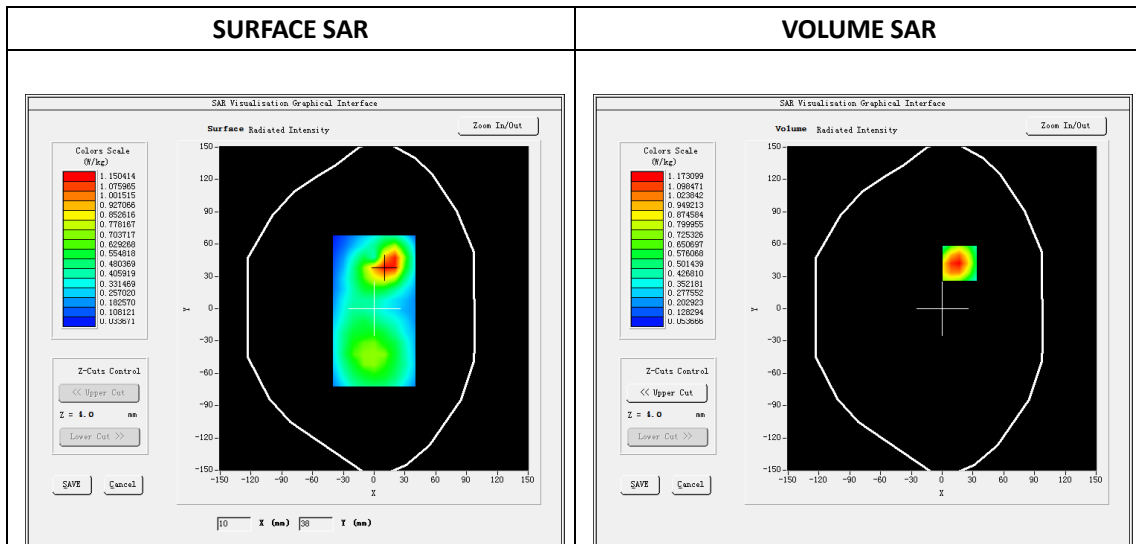
Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|-----------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| ZoomScan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Back |
| Band | GSPRS850_4Tx |
| Channels | 190 |
| Signal | GPRS(Duty cycle: 1:2) |

B. SAR Measurement Results

| | |
|--|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 836.6 |
| Relative permittivity (real part) | 55.42 |
| Relative permittivity (imaginary part) | 21.34 |
| Conductivity (S/m) | 0.99 |
| Variation (%) | -0.50 |
| ConvF: | 1.99 |

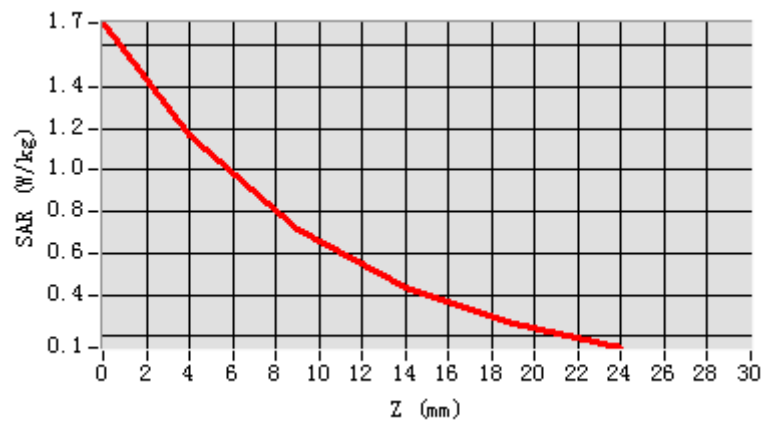


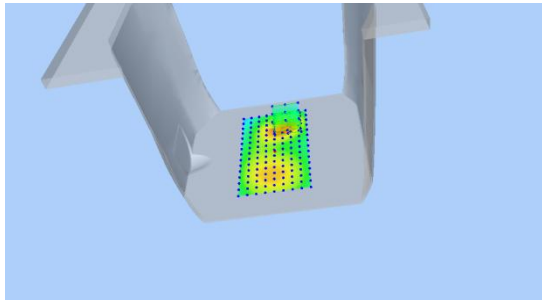
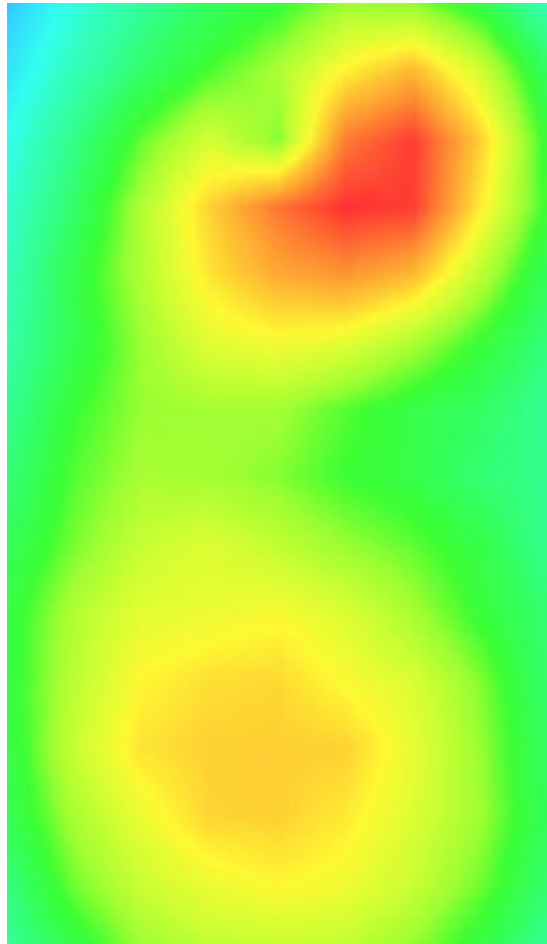
Maximum location: X=17.00, Y=42.00

SAR Peak: 1.73 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.653569 |
| SAR 1g (W/Kg) | 1.132433 |

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
|------------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 1.7092 | 1.1731 | 0.7162 | 0.4318 | 0.2587 |



| 3D screen shot | Hot spot position |
|--|---|
|  |  |

Plot 3: GSM1900, Left Cheek, Middle

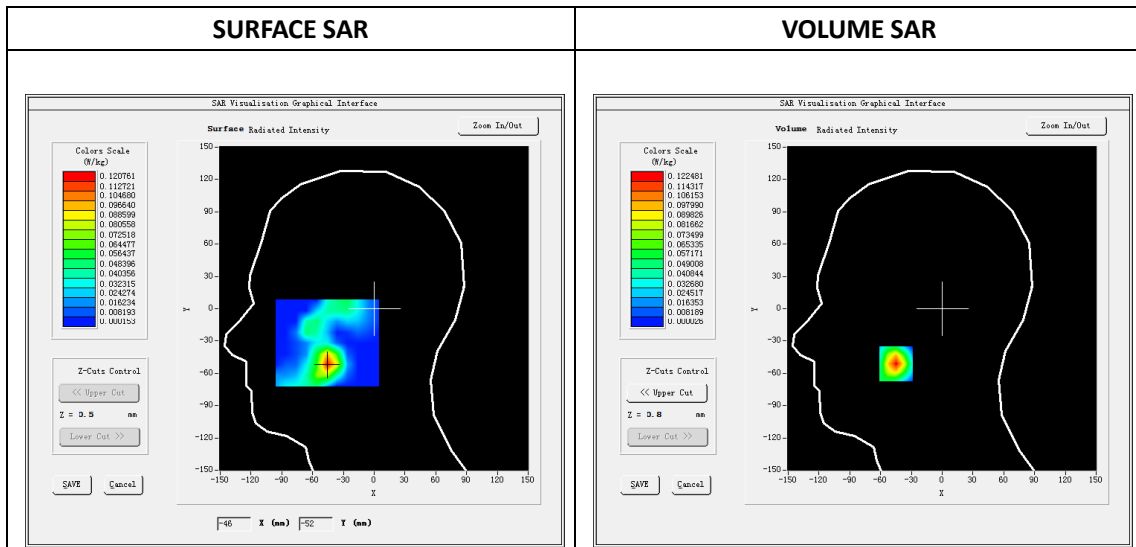
Type: Phone measurement
 Date of measurement: 12/06/2019
 Measurement duration: 22 minutes 06 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| Zoom Scan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Left Cheek |
| Band | GSM1900 |
| Channels | 661 |
| Signal | GSM (Duty cycle: 1:8.3) |

B. SAR Measurement Results

| | |
|---|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 1880 |
| Relative permittivity (real part) | 40.55 |
| Relative permittivity (imaginary part) | 13.26 |
| Conductivity (S/m) | 1.40 |
| Variation (%) | -2.54 |
| ConvF: | 2.34 |

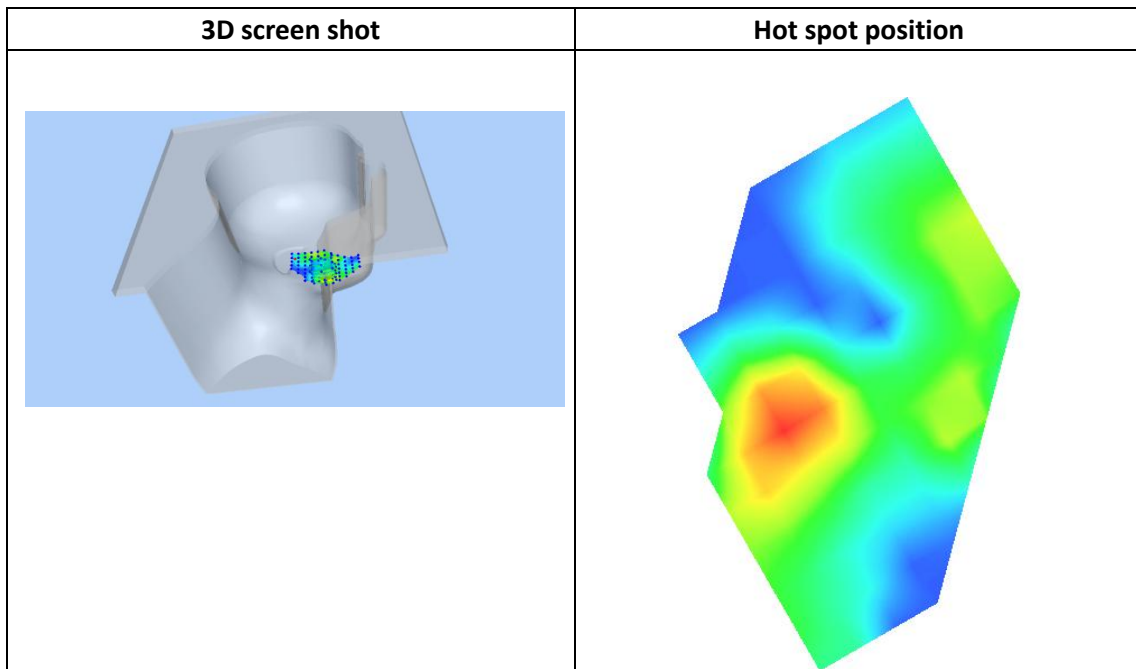
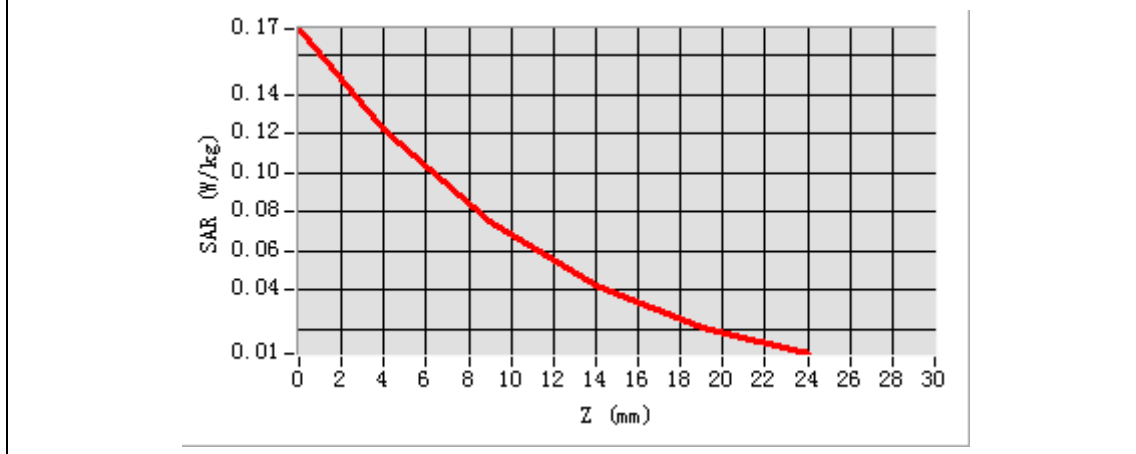


Maximum location: X=-45.00, Y=-51.00

SAR Peak: 0.17 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.053034 |
| SAR 1g (W/Kg) | 0.110378 |

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
|------------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.1736 | 0.1225 | 0.0751 | 0.0424 | 0.0209 |



Plot 4: GPRS1900, Back, Middle ,10mm

Type: Phone measurement

Date of measurement: 12/06/2019

Measurement duration: 22 minutes 02 seconds

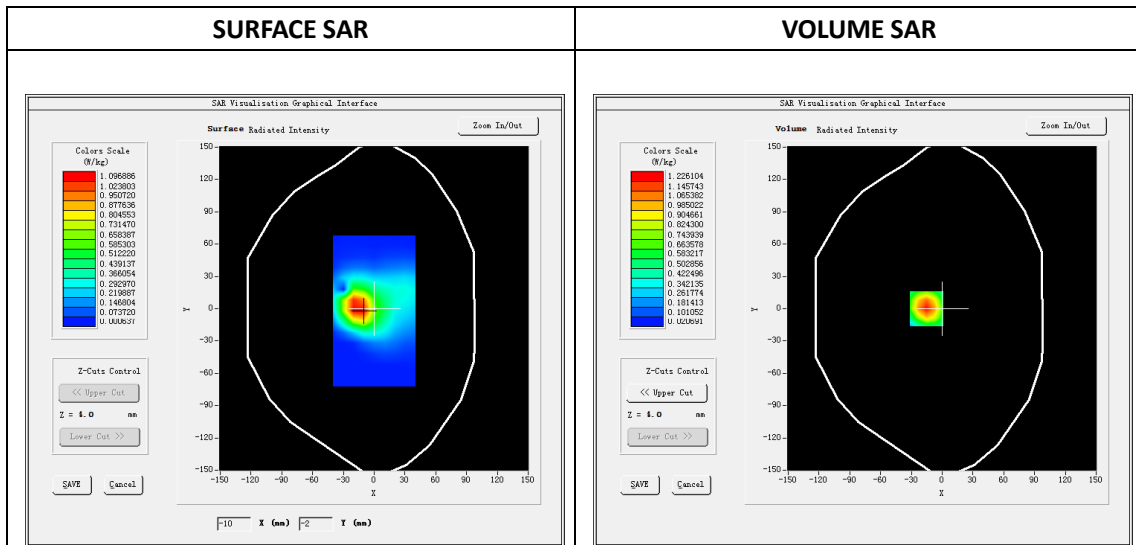
Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| Zoom Scan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Back |
| Band | GPRS1900_4Tx |
| Channels | 661 |
| Signal | GPRS(Duty cycle: 1:2) |

B. SAR Measurement Results

| | |
|---|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 1880 |
| Relative permittivity (real part) | 53.52 |
| Relative permittivity (imaginary part) | 14.59 |
| Conductivity (S/m) | 1.54 |
| Variation (%) | 4.97 |
| ConvF: | 2.39 |

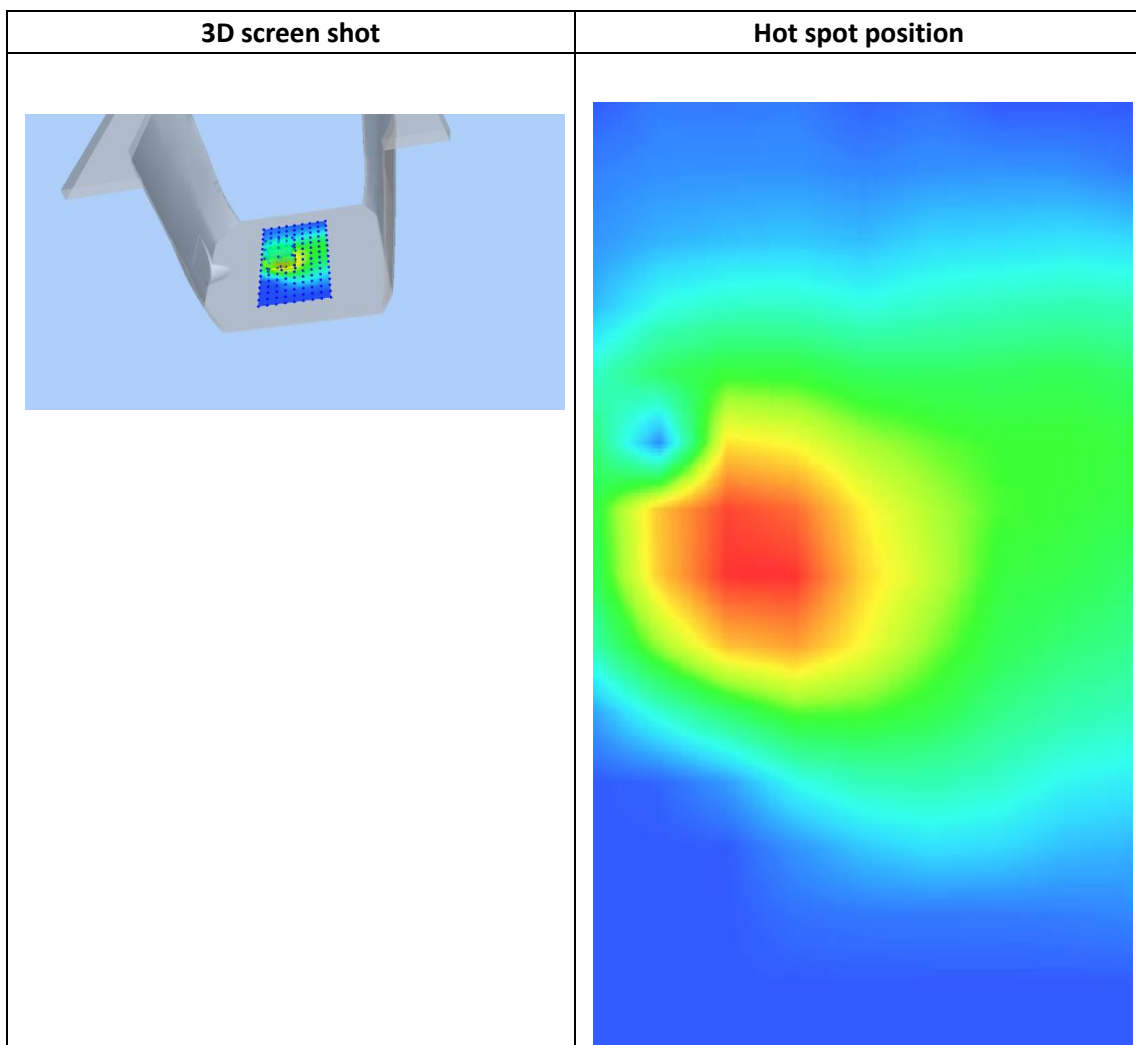
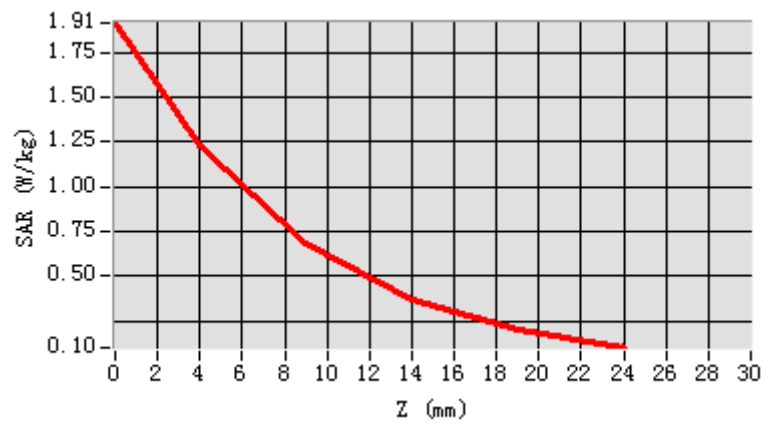


Maximum location: X=-15.00, Y=0.00

SAR Peak: 1.92W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.596088 |
| SAR 1g (W/Kg) | 1.140975 |

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
|------------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 1.9147 | 1.2261 | 0.6777 | 0.3673 | 0.1991 |



Plot 5: WCDMA1900, Left Cheek, Middle,10mm

Type: Phone measurement

Date of measurement: 12/06/2019

Measurement duration: 22 minutes 12 seconds

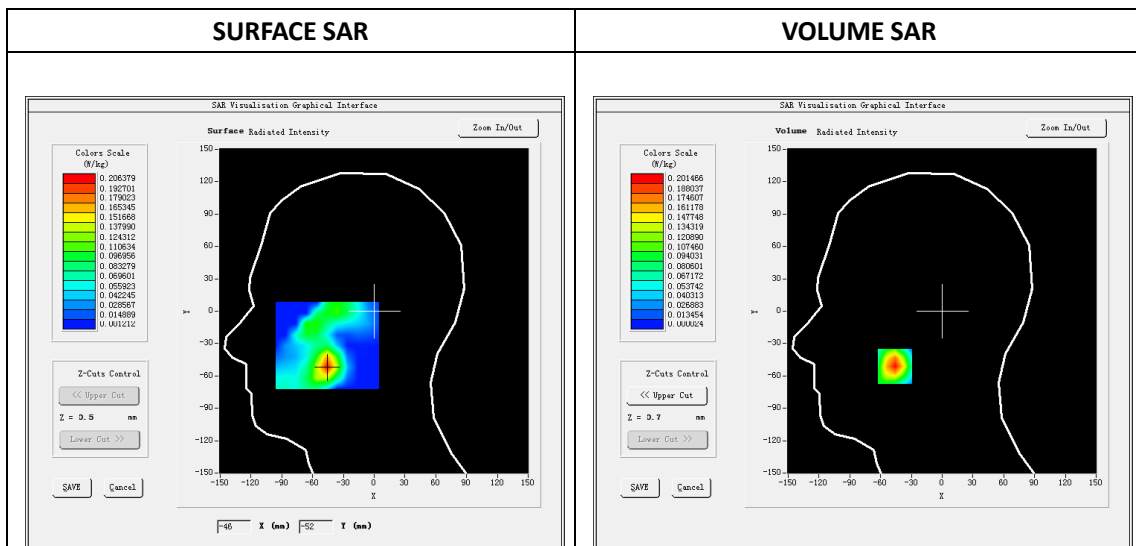
Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|-----------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| ZoomScan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Left Cheek |
| Band | Band2_WCDMA1900 |
| Channels | 9400 |
| Signal | WCDMA (Duty cycle: 1:1) |

B. SAR Measurement Results

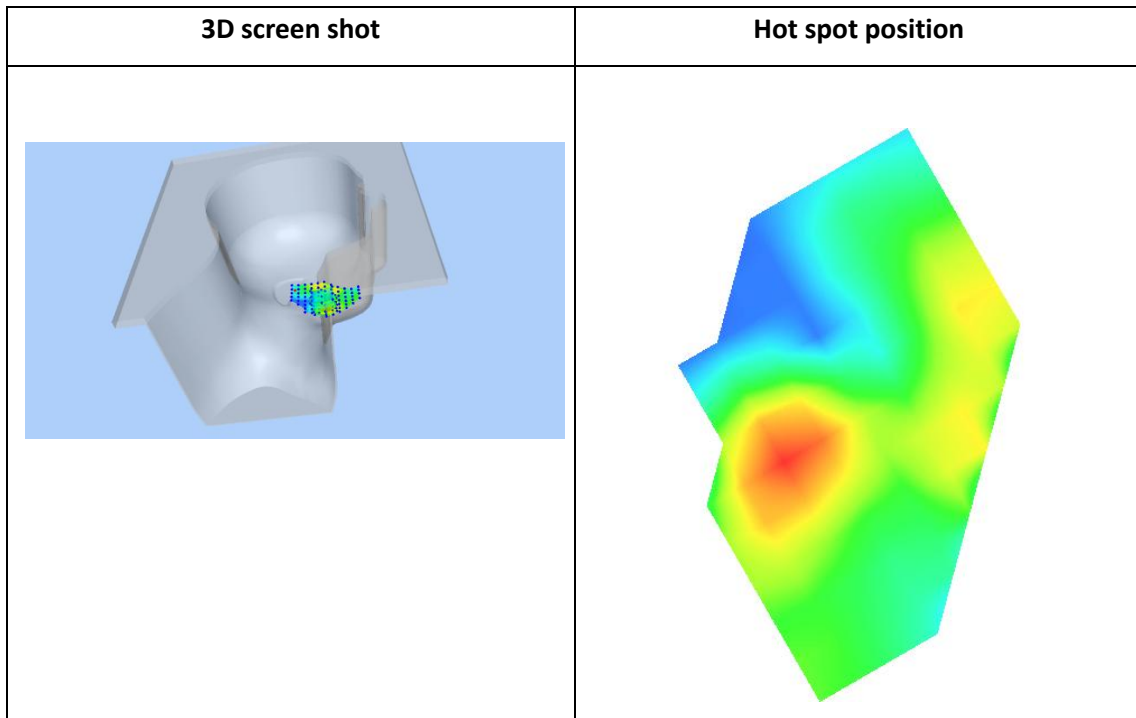
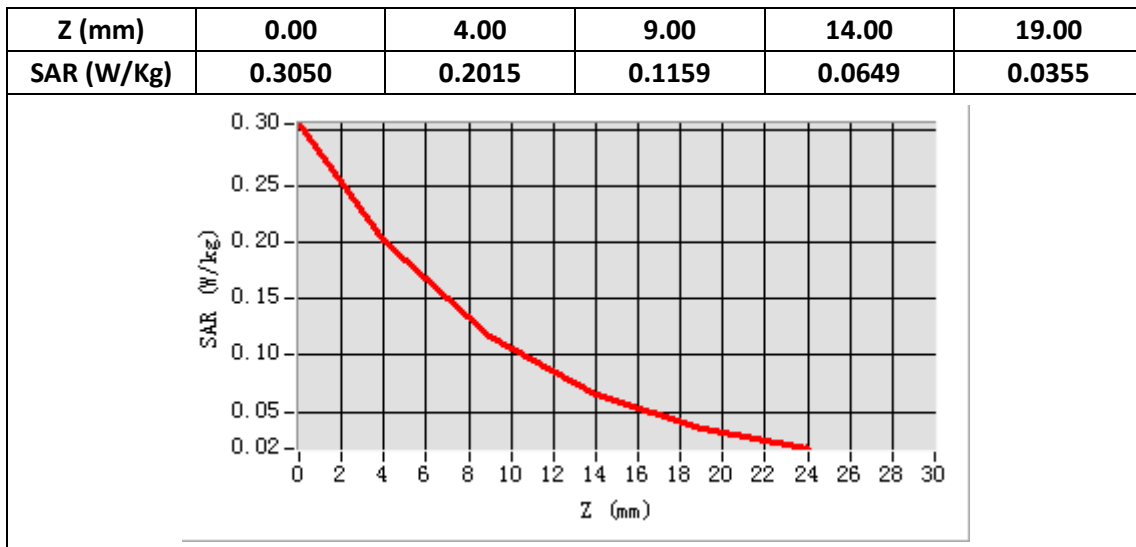
| | |
|--|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 1880 |
| Relative permittivity (real part) | 40.55 |
| Relative permittivity (imaginary part) | 13.26 |
| Conductivity (S/m) | 1.40 |
| Variation (%) | 3.27 |
| ConvF: | 2.34 |



Maximum location: X=-46.00, Y=-51.00

SAR Peak: 0.31W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.093552 |
| SAR 1g (W/Kg) | 0.185019 |



Plot 6: WCDMA1900, Back, Middle,10mm

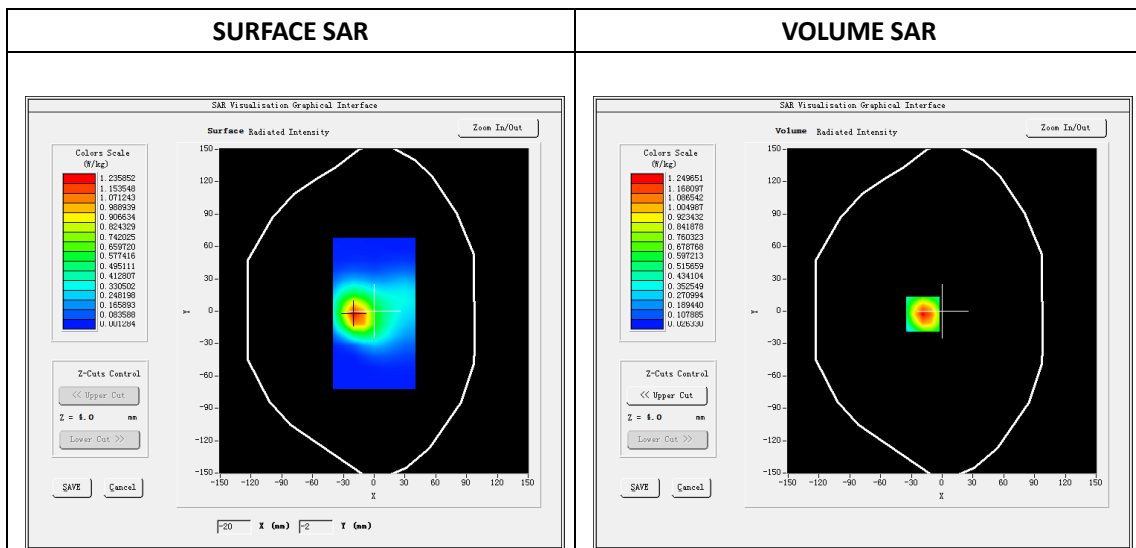
Type: Phone measurement
 Date of measurement: 12/06/2019
 Measurement duration: 22 minutes 16 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|-----------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| ZoomScan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Back |
| Band | Band2_WCDMA1900 |
| Channels | 9400 |
| Signal | WCDMA (Duty cycle: 1:1) |

B. SAR Measurement Results

| | |
|--|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 1880 |
| Relative permittivity (real part) | 53.52 |
| Relative permittivity (imaginary part) | 14.59 |
| Conductivity (S/m) | 1.54 |
| Variation (%) | -0.89 |
| ConvF: | 2.39 |

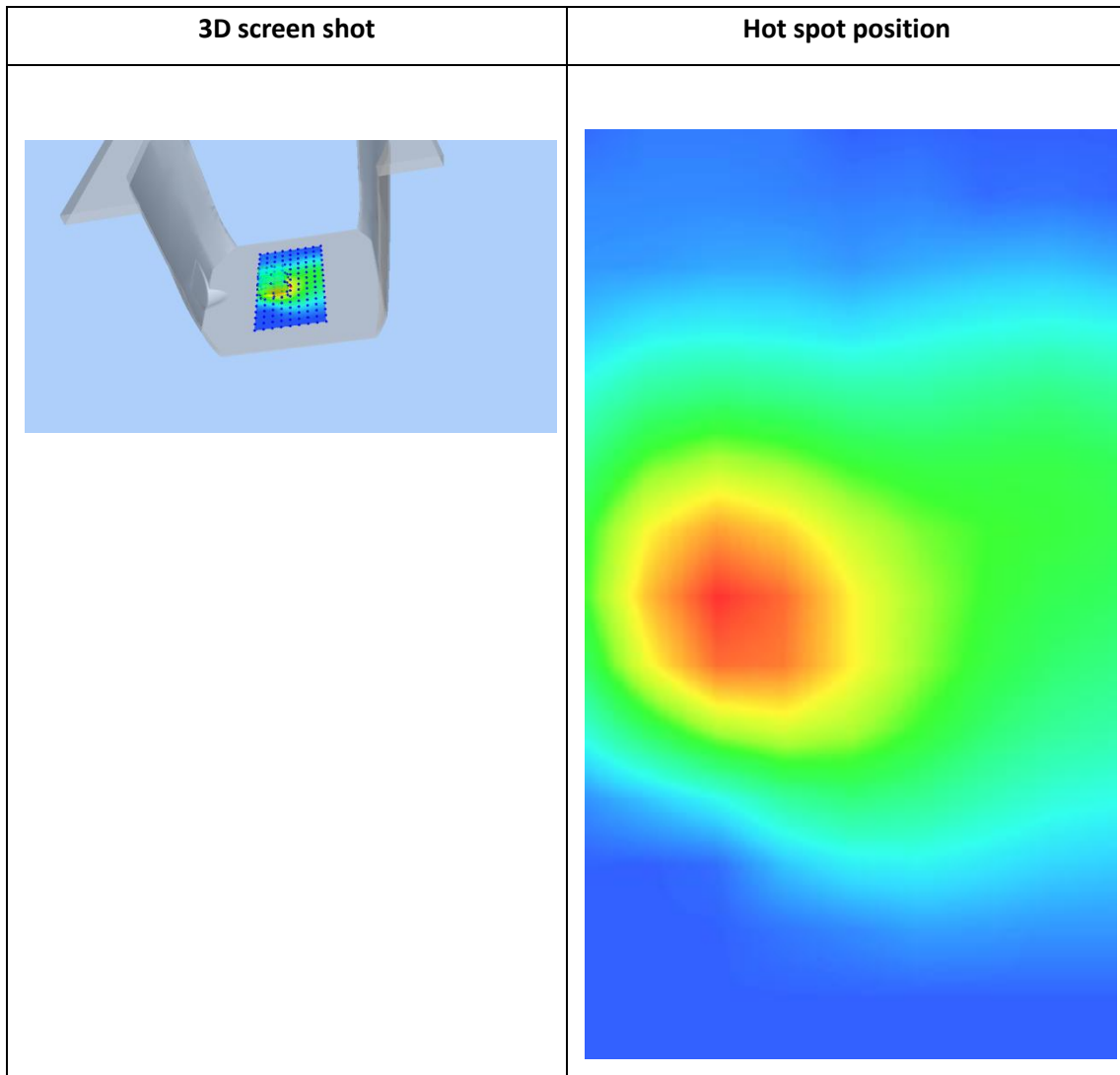
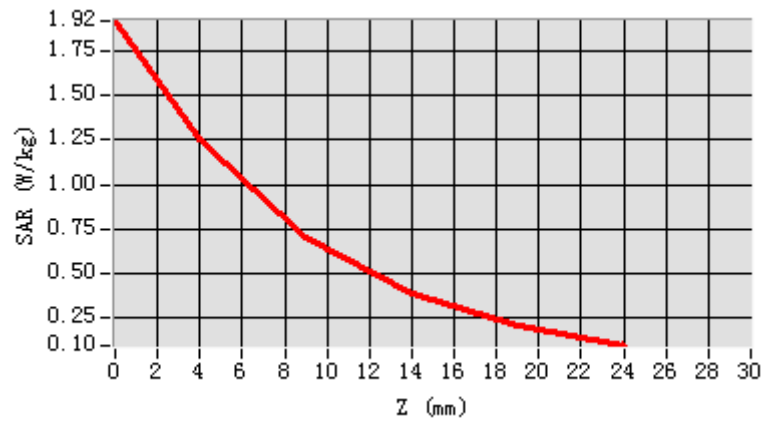


Maximum location: X=-19.00, Y=-3.00

SAR Peak: 1.93W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.612049 |
| SAR 1g (W/Kg) | 1.160729 |

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
|------------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 1.9185 | 1.2497 | 0.7040 | 0.3843 | 0.2042 |



Plot 7: WCDMA850, Right Cheek, Middle

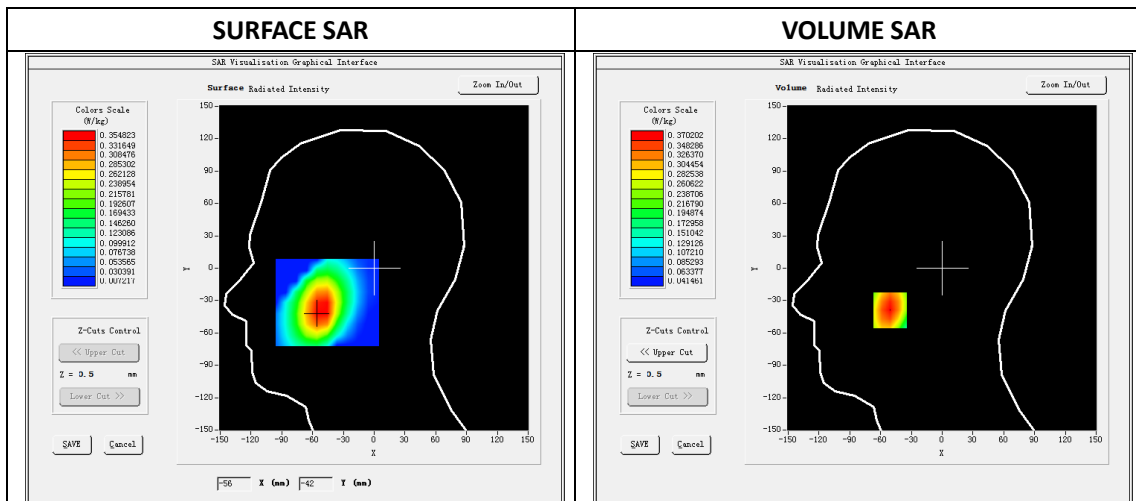
Type: Phone measurement
 Date of measurement: 12/03/2019
 Measurement duration: 22 minutes 17 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|-----------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| ZoomScan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Right Cheek |
| Band | Band5_WCDMA850 |
| Channels | 4132 |
| Signal | WCDMA (Duty cycle: 1:1) |

B. SAR Measurement Results

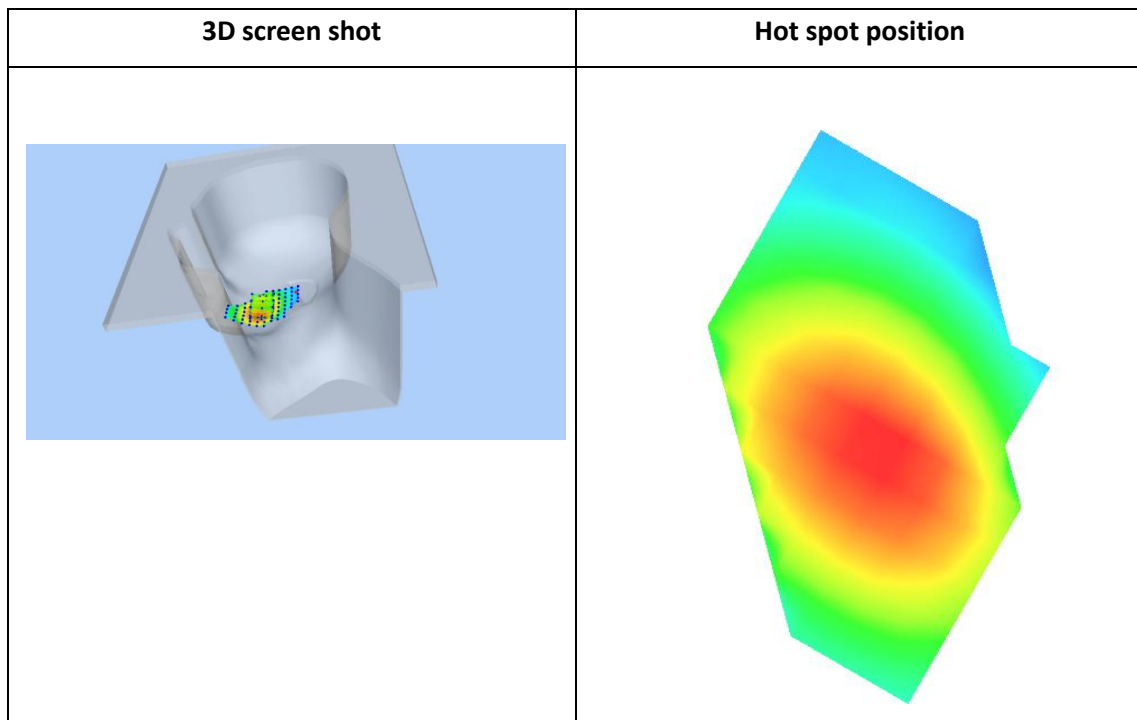
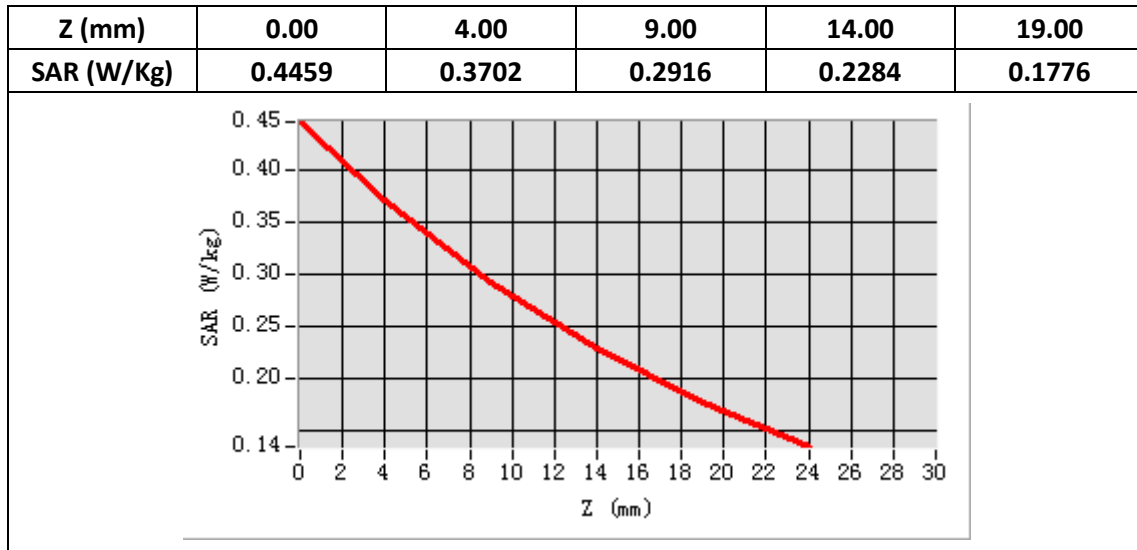
| | |
|--|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 826.4 |
| Relative permittivity (real part) | 41.63 |
| Relative permittivity (imaginary part) | 20.05 |
| Conductivity (S/m) | 0.93 |
| Variation (%) | -1.26 |
| ConvF: | 1.92 |



Maximum location: X=-51.00, Y=-39.00

SAR Peak: 0.45W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.258581 |
| SAR 1g (W/Kg) | 0.355557 |



Plot 8: WCDMA850, Back, Middle,10mm

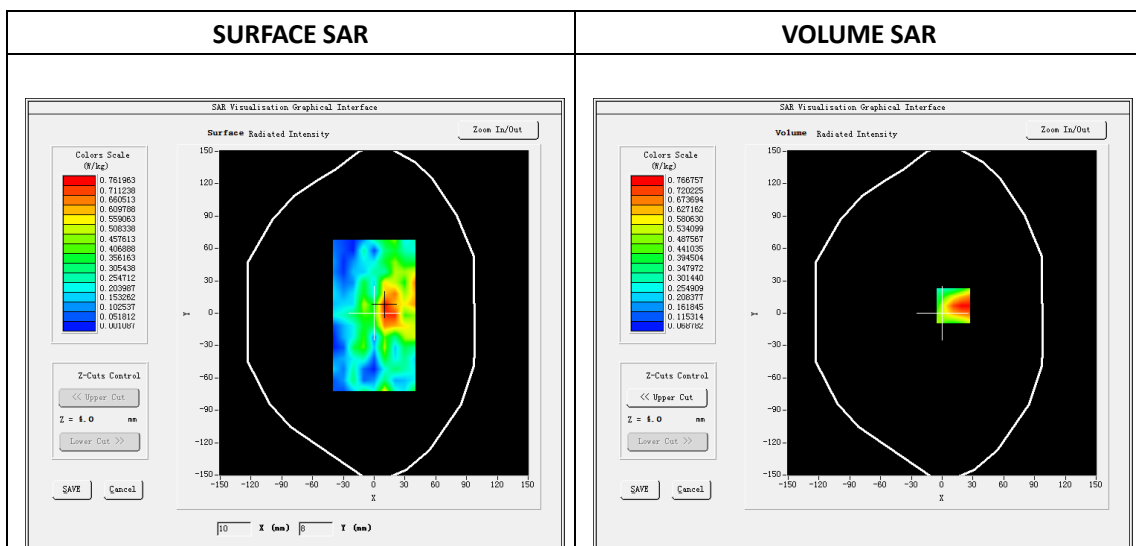
Type: Phone measurement
 Date of measurement: 12/03/2019
 Measurement duration: 22 minutes 19 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|-----------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| ZoomScan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Back |
| Band | Band5_WCDMA850 |
| Channels | 4132 |
| Signal | WCDMA (Duty cycle: 1:1) |

B. SAR Measurement Results

| | |
|--|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 826.4 |
| Relative permittivity (real part) | 55.42 |
| Relative permittivity (imaginary part) | 21.34 |
| Conductivity (S/m) | 0.99 |
| Variation (%) | 4.48 |
| ConvF: | 1.99 |

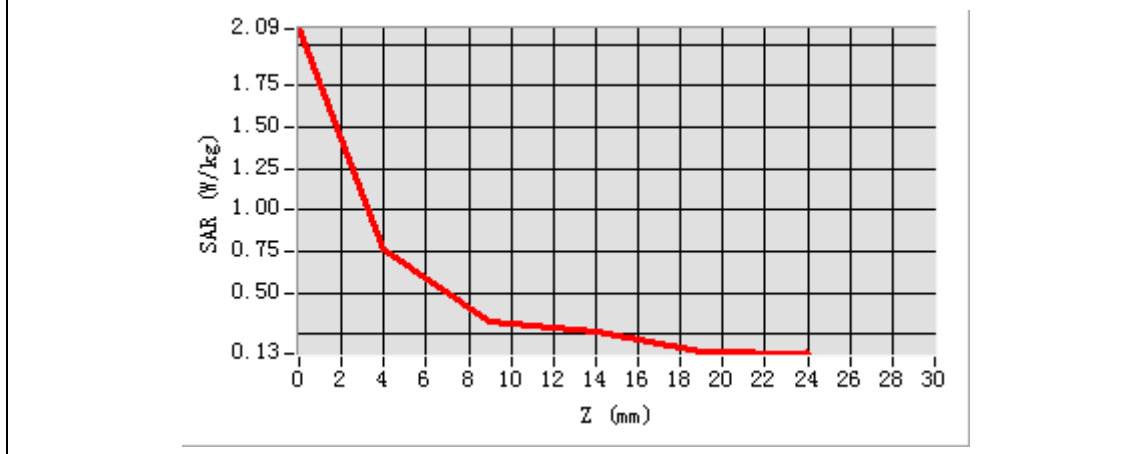


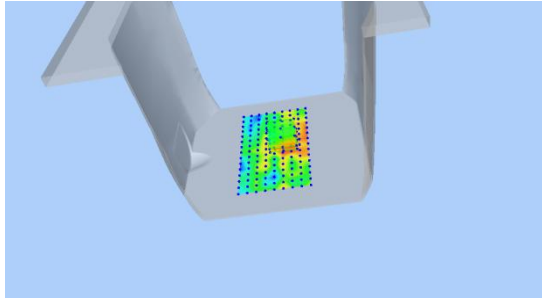
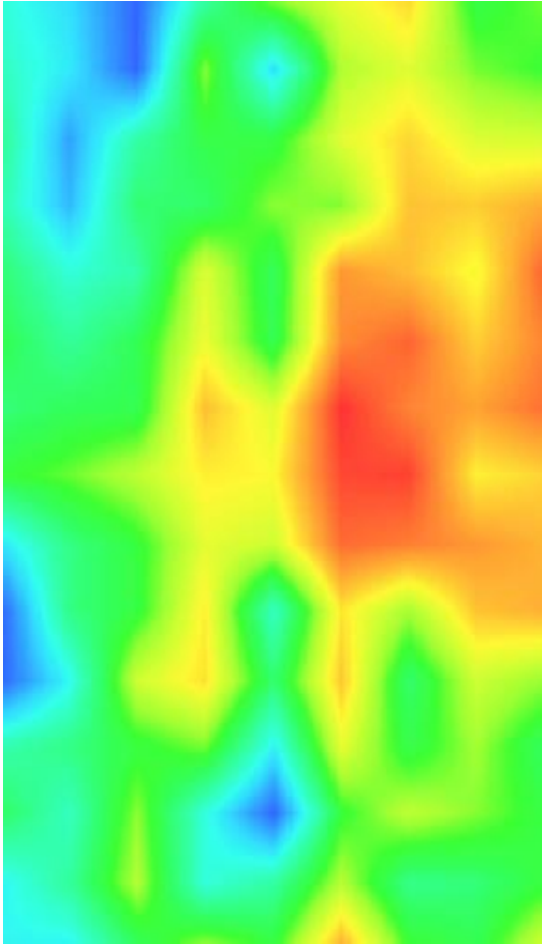
Maximum location: X=11.00, Y=7.00

SAR Peak: 1.21W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.451389 |
| SAR 1g (W/Kg) | 0.745330 |

| | | | | | |
|-------------------|---------------|---------------|---------------|---------------|---------------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
| SAR (W/Kg) | 2.0915 | 0.7668 | 0.3210 | 0.2649 | 0.1498 |



| 3D screen shot | Hot spot position |
|--|---|
|  |  |

Plot 9: LTE Band2, 20MHz, Left Cheek, Middle

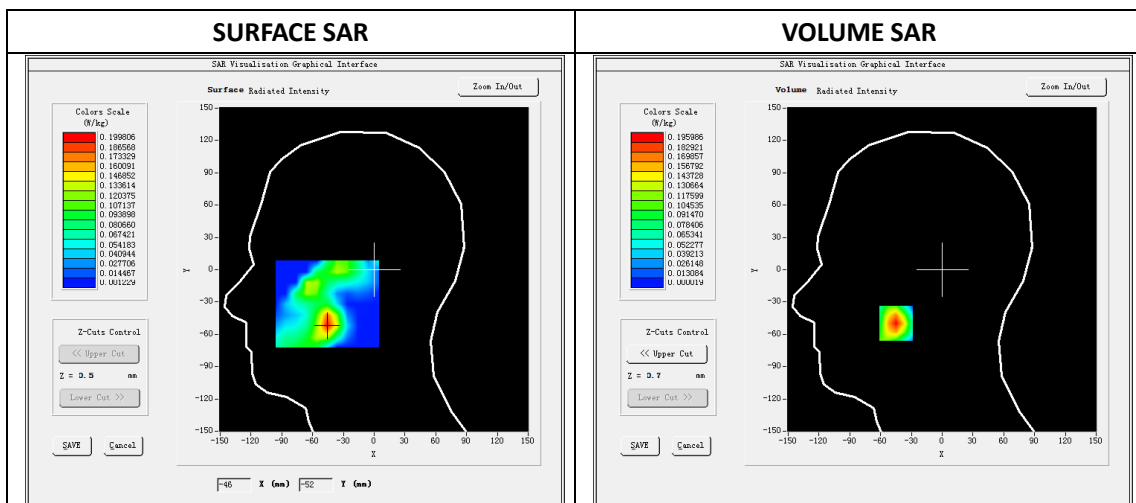
Type: Phone measurement
 Date of measurement: 12/06/2019
 Measurement duration: 22 minutes 20 econds
 Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|-----------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| ZoomScan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Left Cheek |
| Band | LTE Band 2 |
| Channels | 18900 |
| Signal | LTE (Duty cycle: 1:1) |

B. SAR Measurement Results

| | |
|--|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 1880 |
| Relative permittivity (real part) | 40.55 |
| Relative permittivity (imaginary part) | 13.26 |
| Conductivity (S/m) | 1.40 |
| Variation (%) | 3.73 |
| ConvF: | 2.34 |

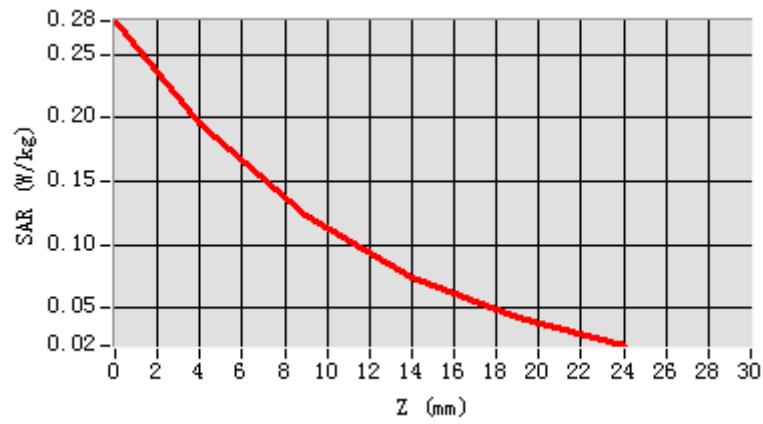


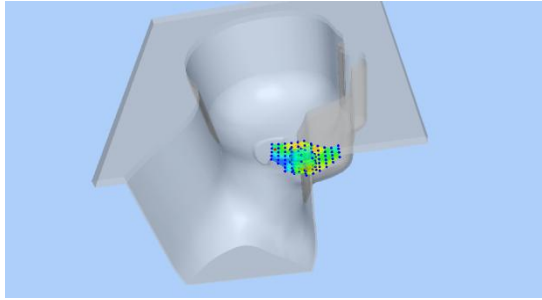
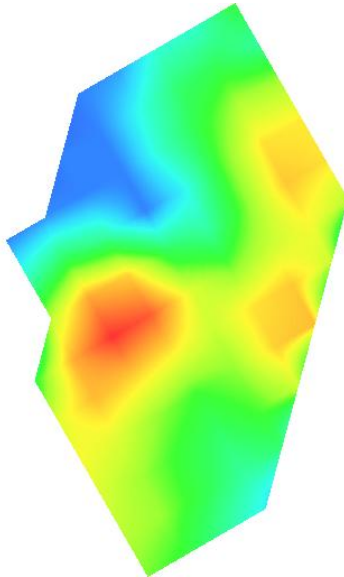
Maximum location: X=-45.00, Y=-50.00

SAR Peak: 0.28 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.094868 |
| SAR 1g (W/Kg) | 0.179960 |

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
|------------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.2761 | 0.1960 | 0.1235 | 0.0746 | 0.0424 |



| 3D screen shot | Hot spot position |
|--|---|
|  |  |

Plot 10: LTE Band2, 20MHz, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 12/09/2019

Measurement duration: 22 minutes 21 seconds

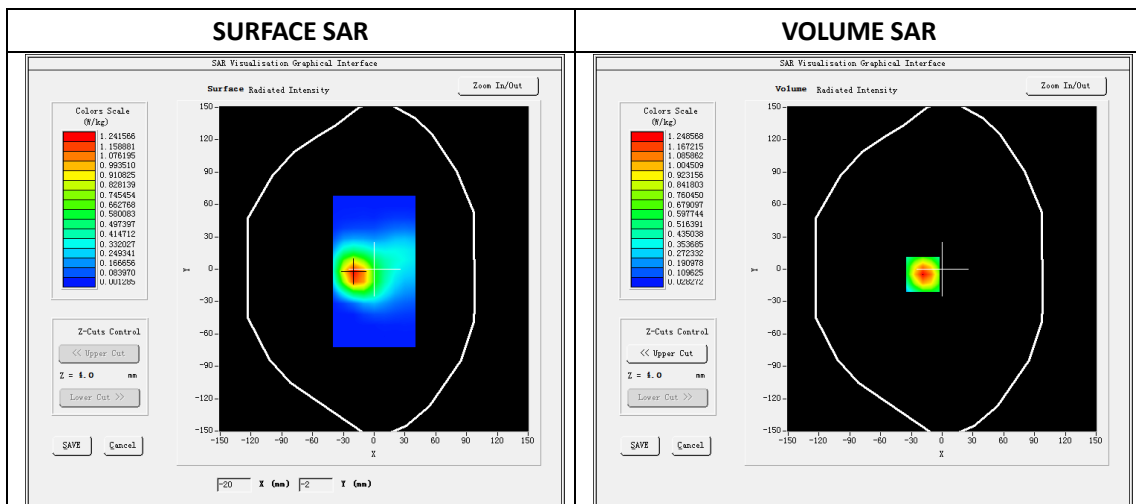
Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|-----------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| ZoomScan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Back |
| Band | LTE Band 2 |
| Channels | 18900 |
| Signal | LTE (Duty cycle: 1:1) |

B. SAR Measurement Results

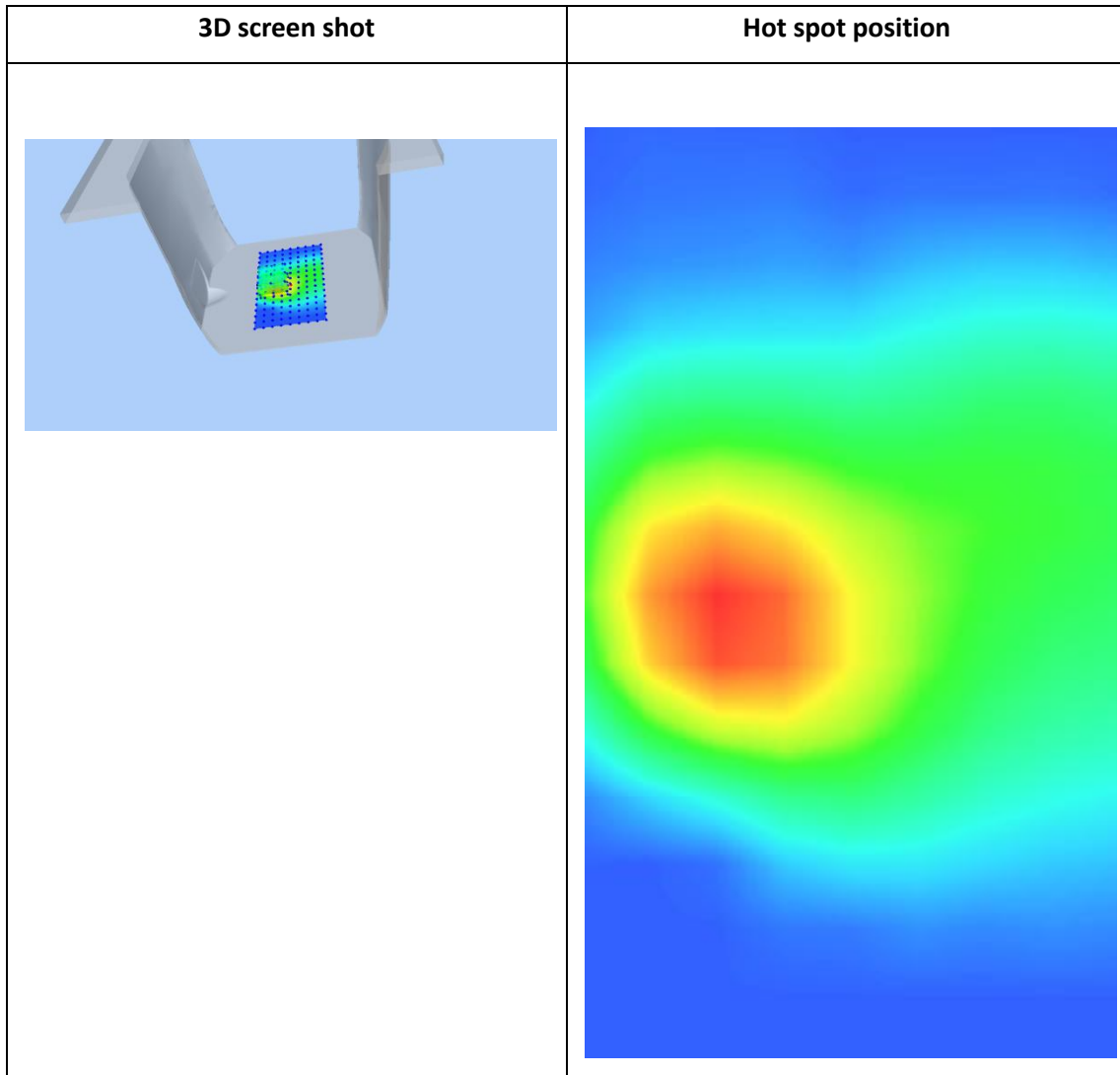
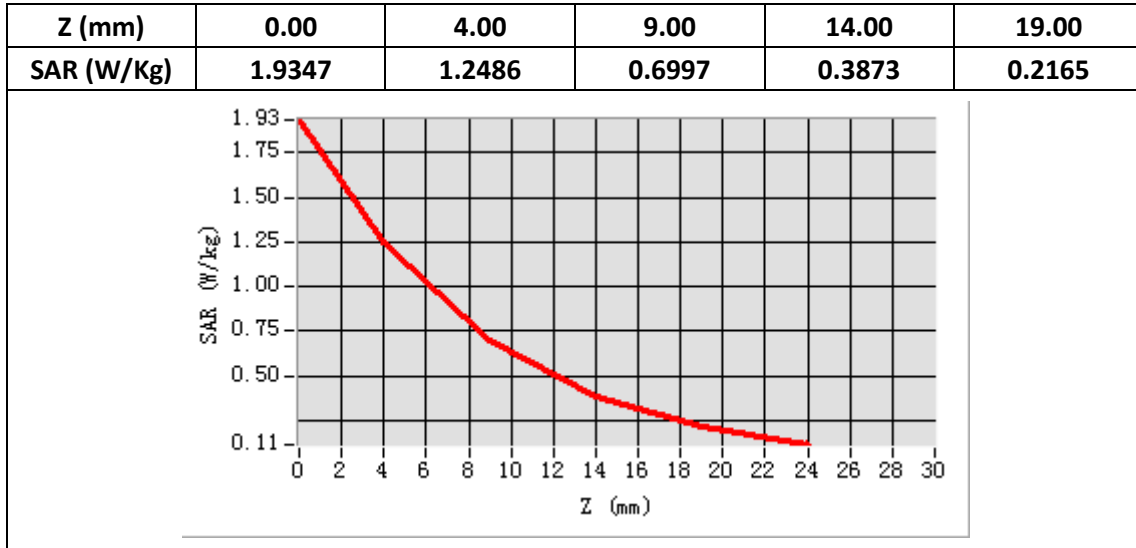
| | |
|--|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 1880 |
| Relative permittivity (real part) | 53.28 |
| Relative permittivity (imaginary part) | 14.47 |
| Conductivity (S/m) | 1.97 |
| Variation (%) | 0.80 |
| ConvF: | 2.39 |



Maximum location: X=-19.00, Y=-5.00

SAR Peak: 1.94W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.613115 |
| SAR 1g (W/Kg) | 1.160635 |



Plot 11: LTE Band4, 20MHz, Left Cheek, Middle

Type: Phone measurement

Date of measurement: 12/05/2019

Measurement duration: 22 minutes 26 econds

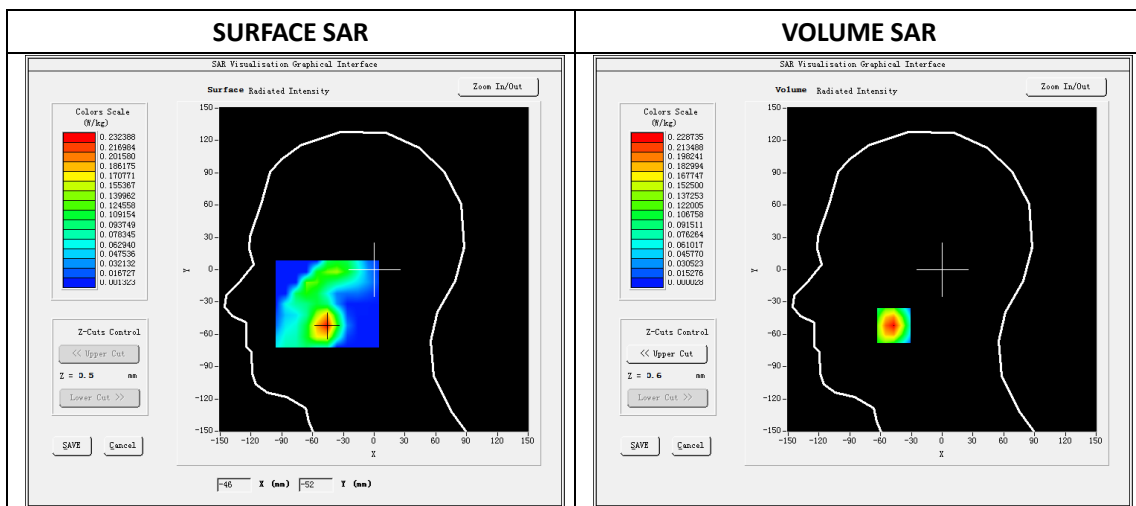
Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|-----------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| ZoomScan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Left Cheek |
| Band | LTE Band 4 |
| Channels | 20175 |
| Signal | LTE (Duty cycle: 1:1) |

B. SAR Measurement Results

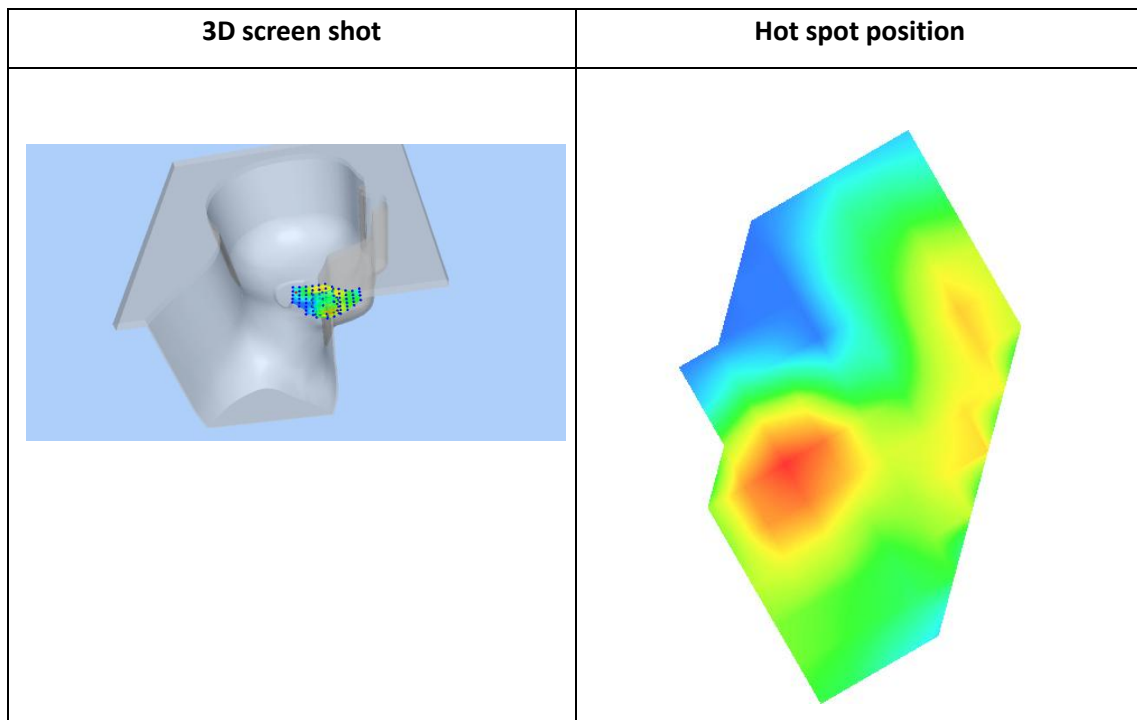
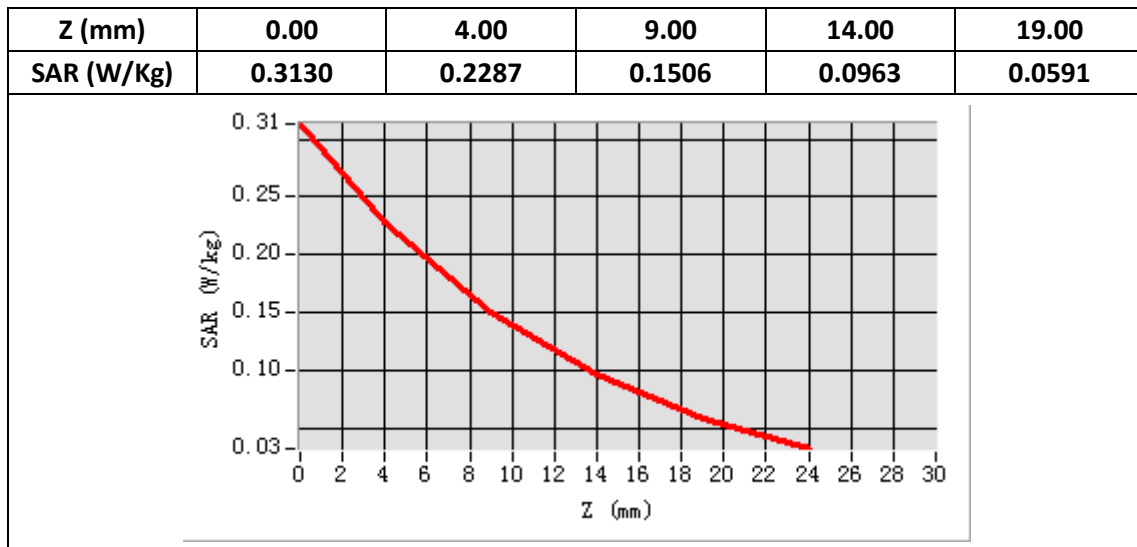
| | |
|--|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 1732.5 |
| Relative permittivity (real part) | 40.64 |
| Relative permittivity (imaginary part) | 13.90 |
| Conductivity (S/m) | 1.39 |
| Variation (%) | 1.04 |
| ConvF: | 2.14 |



Maximum location: X=-47.00, Y=-52.00

SAR Peak: 0.32 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.120370 |
| SAR 1g (W/Kg) | 0.217796 |



Plot 12: LTE Band4, 20MHz, Back, Middle,10mm

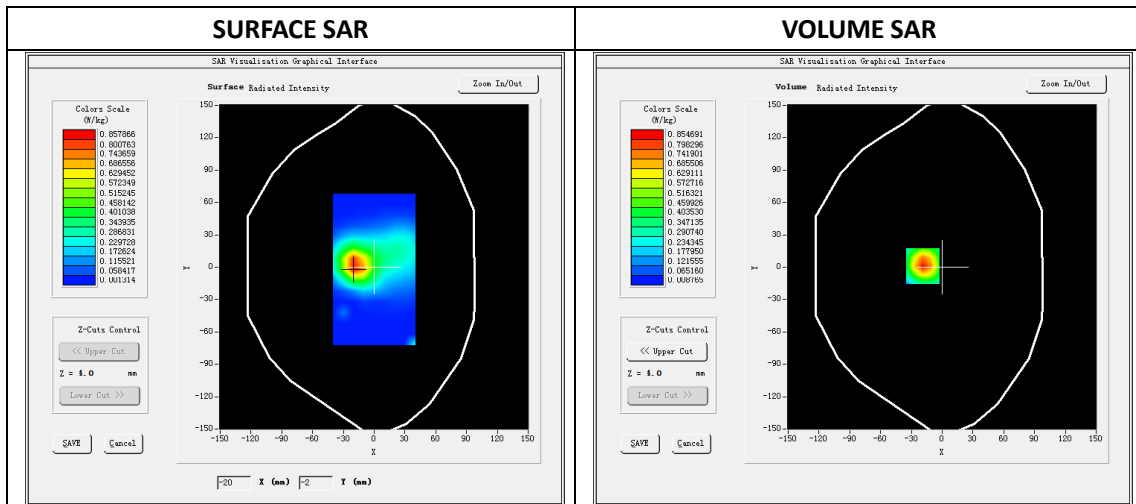
Type: Phone measurement
 Date of measurement: 12/05/2019
 Measurement duration: 22 minutes 24 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| ZoomScan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Back |
| Band | LTE Band 4 |
| Channels | 20175 |
| Signal | LTE (Duty cycle: 1:1) |

B. SAR Measurement Results

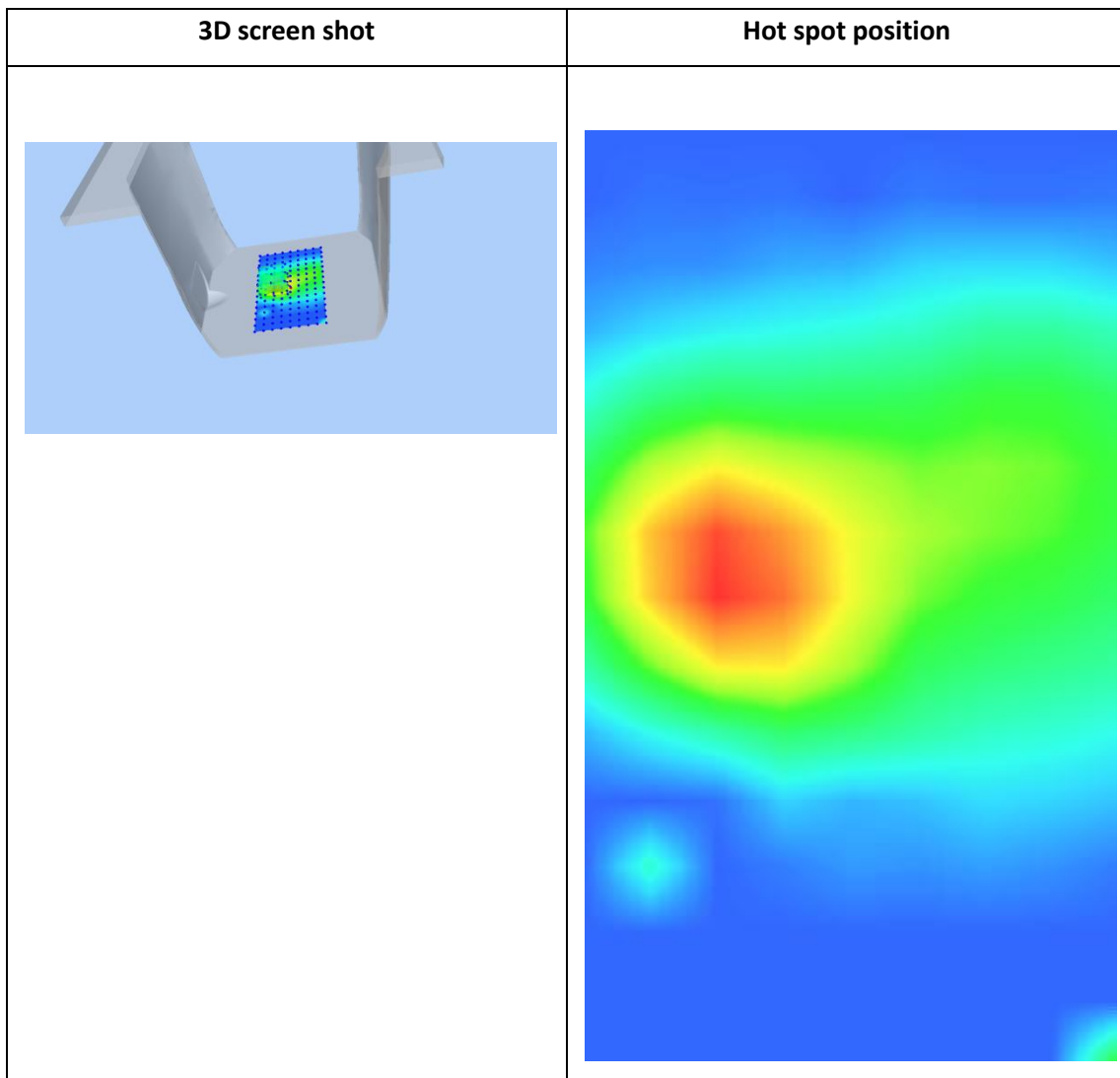
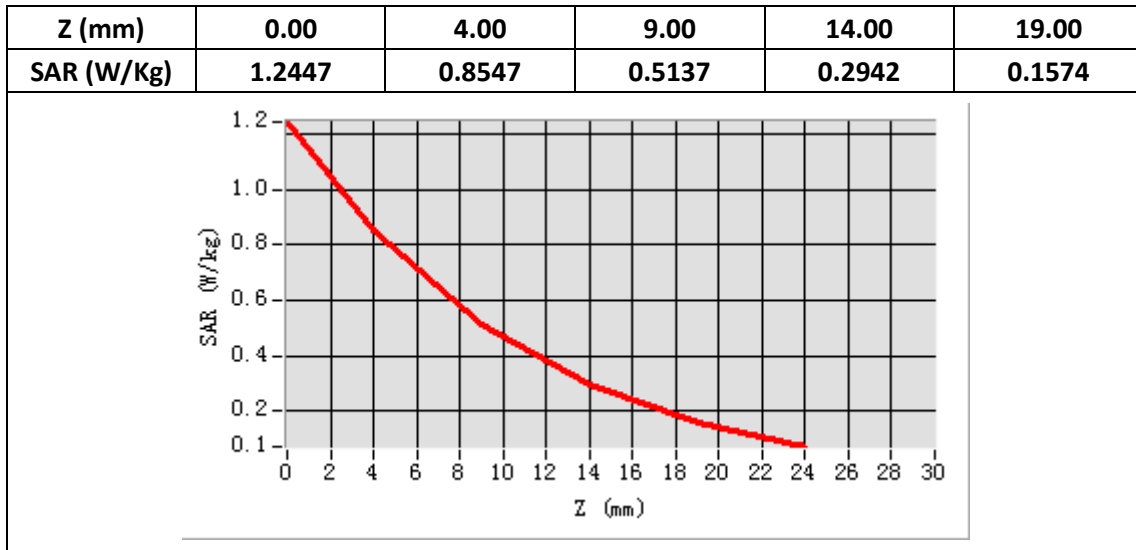
| | |
|---|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 1732.5 |
| Relative permittivity (real part) | 53.65 |
| Relative permittivity (imaginary part) | 15.30 |
| Conductivity (S/m) | 1.53 |
| Variation (%) | -3.15 |
| ConvF: | 2.22 |



Maximum location: X=-19.00, Y=1.00

SAR Peak: 1.26W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.419885 |
| SAR 1g (W/Kg) | 0.790182 |



Plot 13: LTE Band5, 10MHz, Right Cheek, Middle

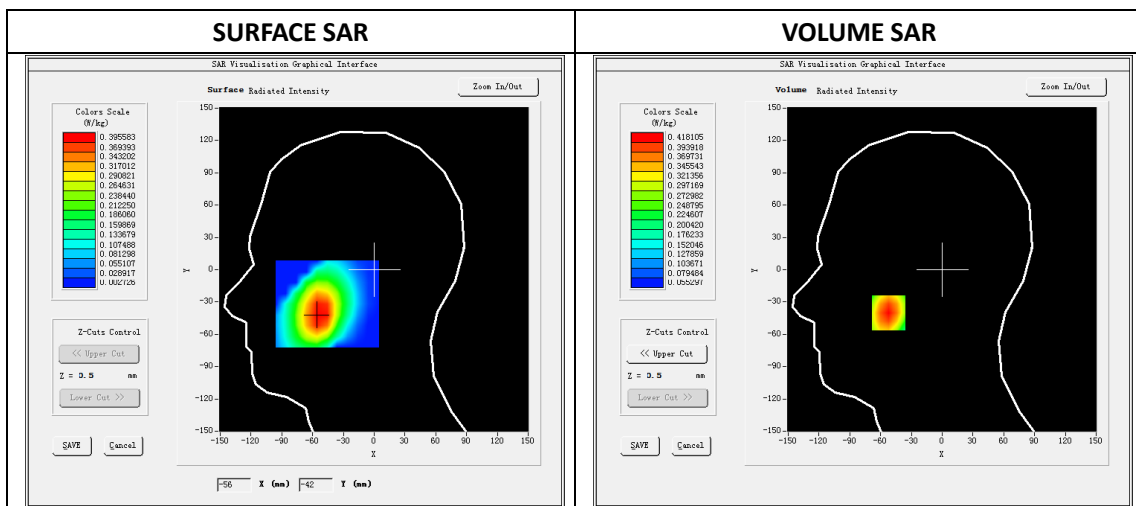
Type: Phone measurement
 Date of measurement: 12/03/2019
 Measurement duration: 22 minutes 27 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| ZoomScan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Right Cheek |
| Band | LTE Band 5 |
| Channels | 20525 |
| Signal | LTE (Duty cycle: 1:1) |

B. SAR Measurement Results

| | |
|---|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 836.5 |
| Relative permittivity (real part) | 41.63 |
| Relative permittivity (imaginary part) | 20.05 |
| Conductivity (S/m) | 0.93 |
| Variation (%) | -3.50 |
| ConvF: | 1.92 |

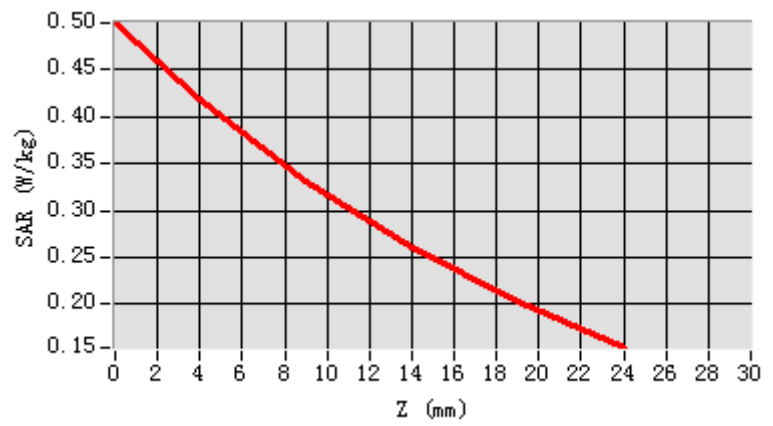


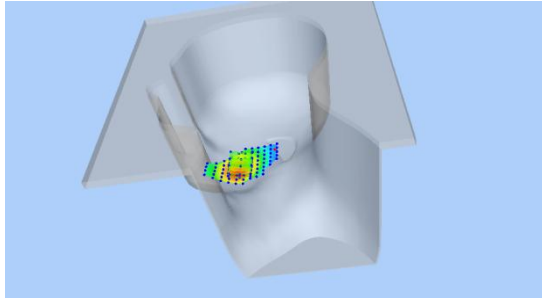
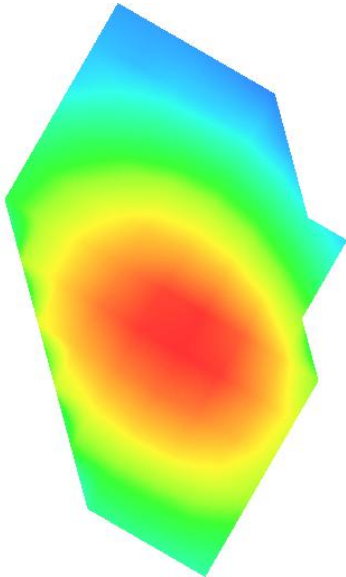
Maximum location: X=-52.00, Y=-40.00

SAR Peak: 0.50 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.291314 |
| SAR 1g (W/Kg) | 0.400305 |

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
|------------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.4998 | 0.4181 | 0.3318 | 0.2610 | 0.2029 |



| 3D screen shot | Hot spot position |
|--|---|
|  |  |

Plot 14: LTE Band5, 10MHz, Back, Middle,10mm

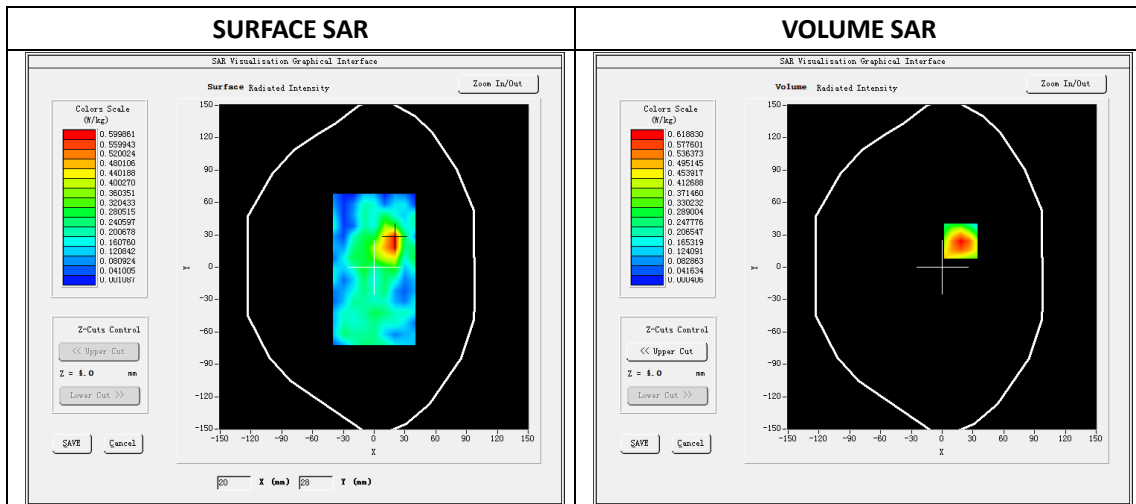
Type: Phone measurement
 Date of measurement: 12/03/2019
 Measurement duration: 22 minutes 28 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| ZoomScan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Back |
| Band | LTE Band 5 |
| Channels | 20525 |
| Signal | LTE (Duty cycle: 1:1) |

B. SAR Measurement Results

| | |
|---|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 836.5 |
| Relative permittivity (real part) | 55.42 |
| Relative permittivity (imaginary part) | 21.34 |
| Conductivity (S/m) | 0.99 |
| Variation (%) | -2.88 |
| ConvF: | 1.99 |

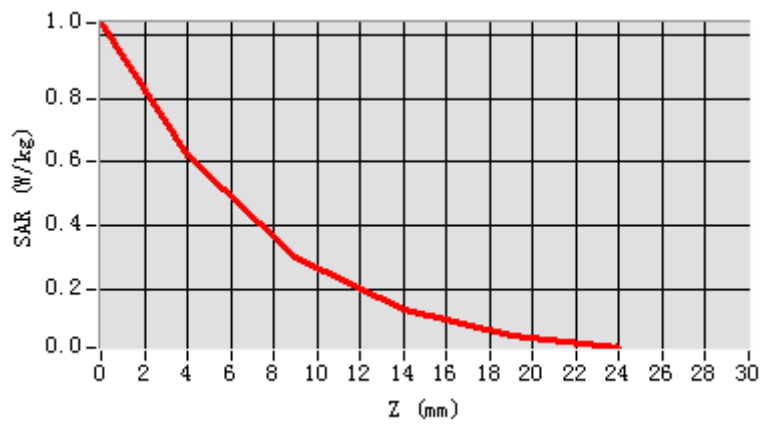


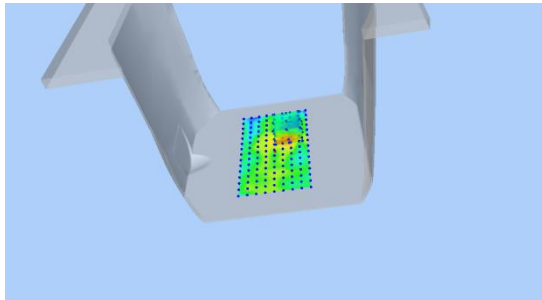
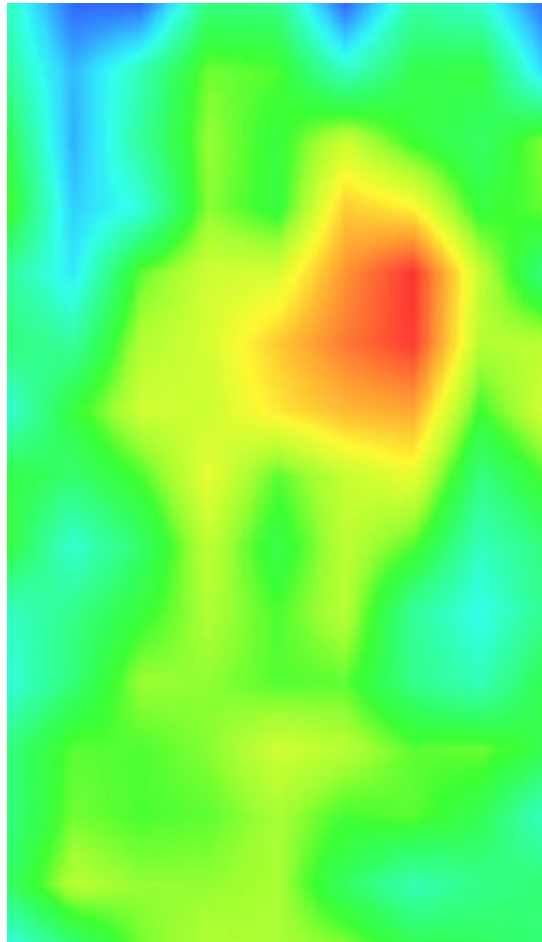
Maximum location: X=18.00, Y=24.00

SAR Peak: 1.05W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.323204 |
| SAR 1g (W/Kg) | 0.603360 |

| | | | | | |
|-------------------|---------------|---------------|---------------|---------------|---------------|
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
| SAR (W/Kg) | 1.0372 | 0.6188 | 0.3009 | 0.1335 | 0.0527 |



| 3D screen shot | Hot spot position |
|--|---|
|  |  |

Plot 15: LTE Band7, 20MHz, Left Cheek, Middle

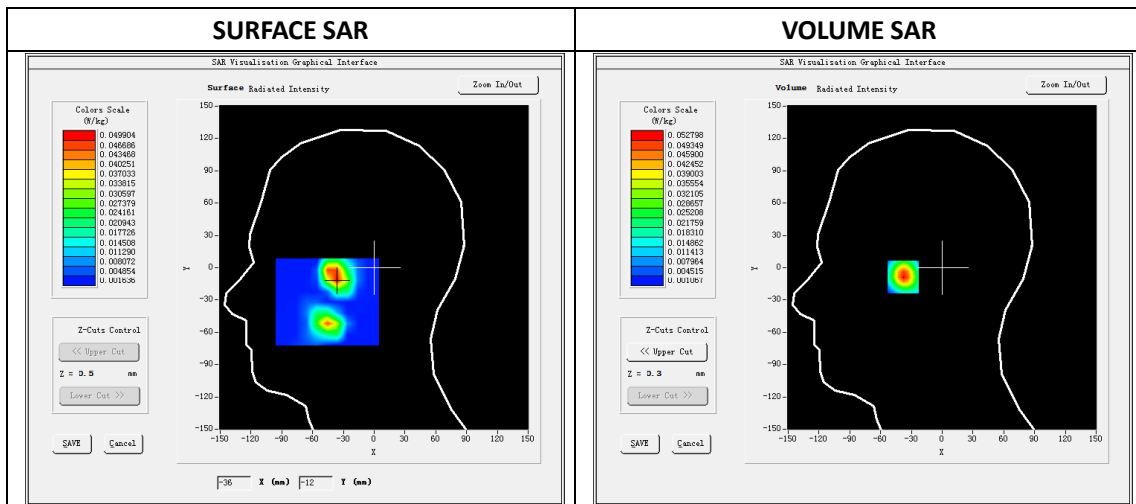
Type: Phone measurement
 Date of measurement: 12/10/2019
 Measurement duration: 22 minutes 29 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| Area Scan | dx=5mm,dy=5mm |
| ZoomScan | 7x7x8,dx=5mm dy=5mm dz=4mm |
| Phantom | Validation plane |
| Device Position | Left Cheek |
| Band | LTE Band 7 |
| Channels | 21350 |
| Signal | LTE (Duty cycle: 1:1) |

B. SAR Measurement Results

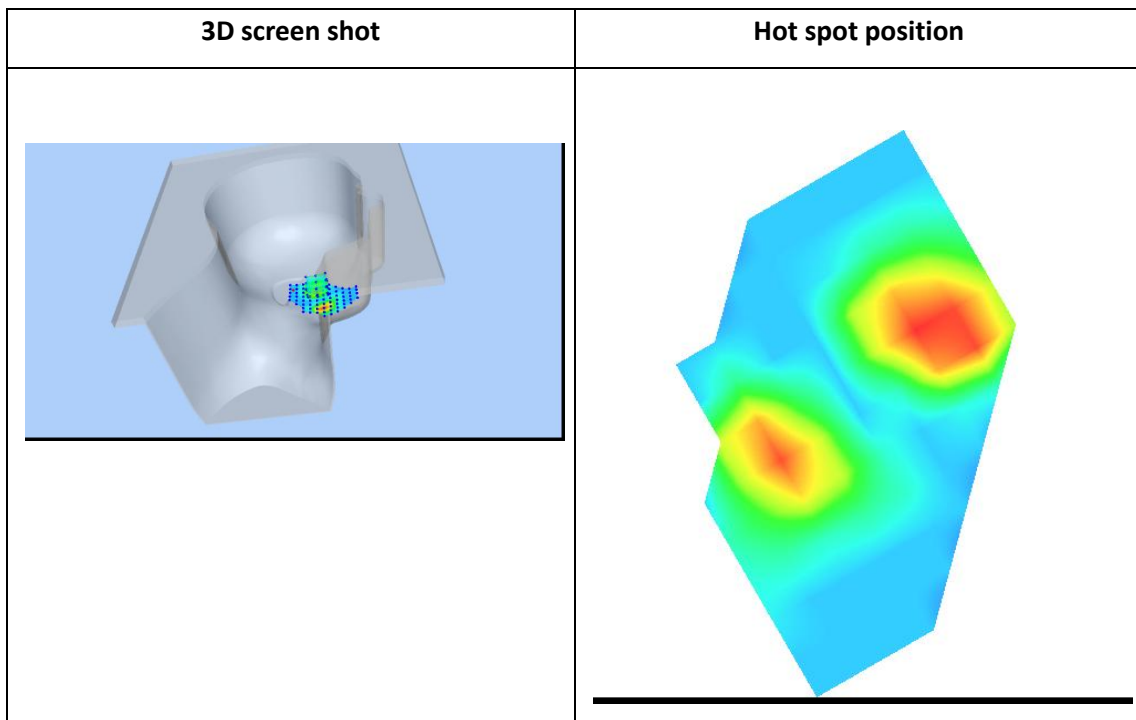
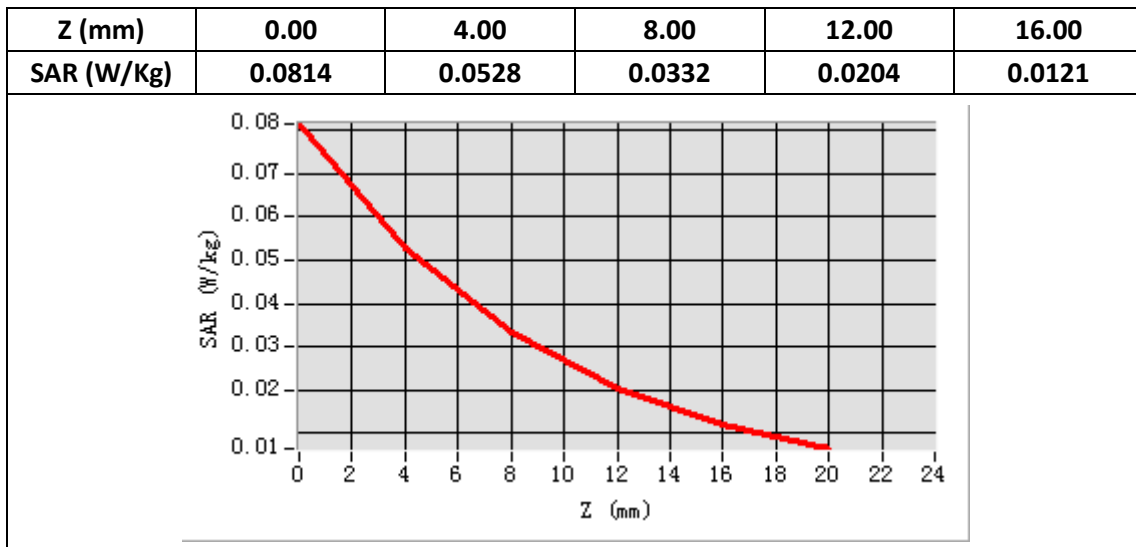
| | |
|---|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 2560 |
| Relative permittivity (real part) | 39.41 |
| Relative permittivity (imaginary part) | 13.57 |
| Conductivity (S/m) | 1.96 |
| Variation (%) | -4.03 |
| ConvF: | 2.35 |



Maximum location: X=-38.00 Y=-8.00

SAR Peak: 0.08W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.022165 |
| SAR 1g (W/Kg) | 0.047720 |



Plot 16: LTE Band7, 20MHz, Back, Middle,10mm

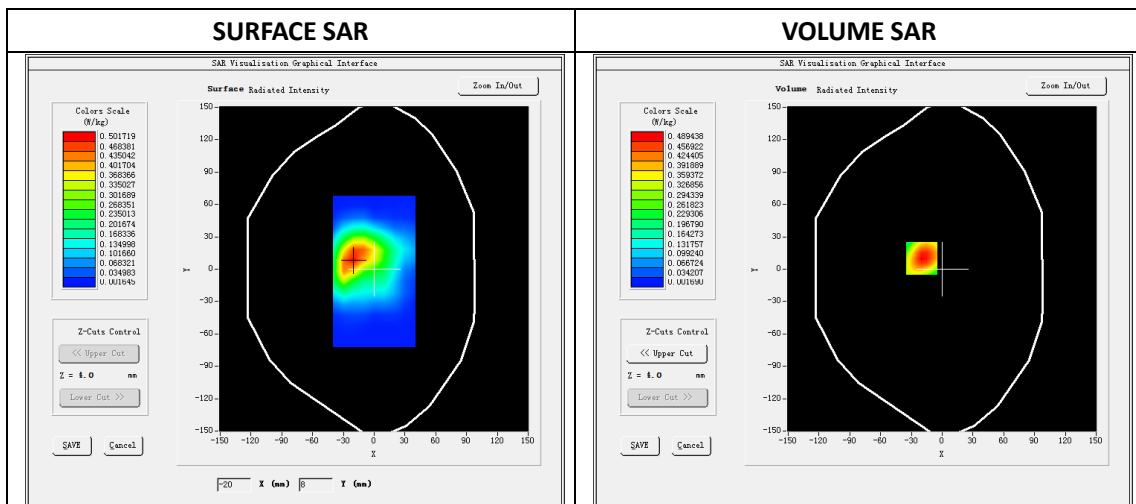
Type: Phone measurement
 Date of measurement: 12/10/2019
 Measurement duration: 22 minutes 32 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| Area Scan | dx=5mm,dy=5mm |
| ZoomScan | 7x7x8,dx=5mm dy=5mm dz=4mm |
| Phantom | Validation plane |
| Device Position | Back |
| Band | LTE Band 7 |
| Channels | 21350 |
| Signal | LTE (Duty cycle: 1:1) |

B. SAR Measurement Results

| | |
|---|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 2560 |
| Relative permittivity (real part) | 52.94 |
| Relative permittivity (imaginary part) | 15.02 |
| Conductivity (S/m) | 2.17 |
| Variation (%) | 2.22 |
| ConvF: | 2.43 |

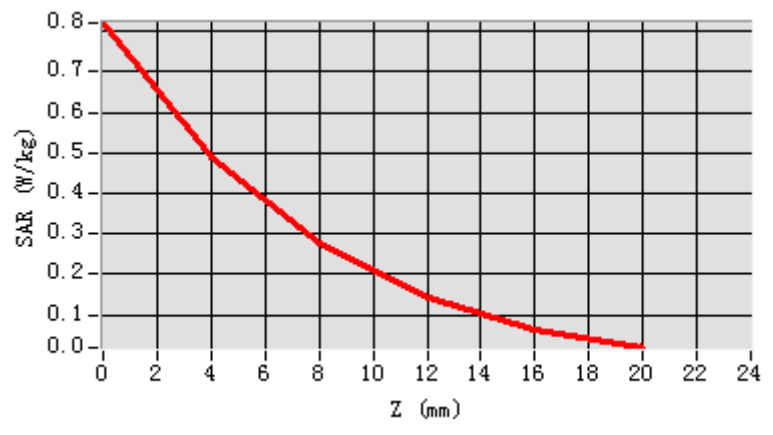


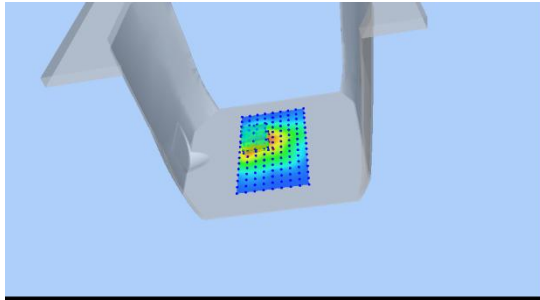
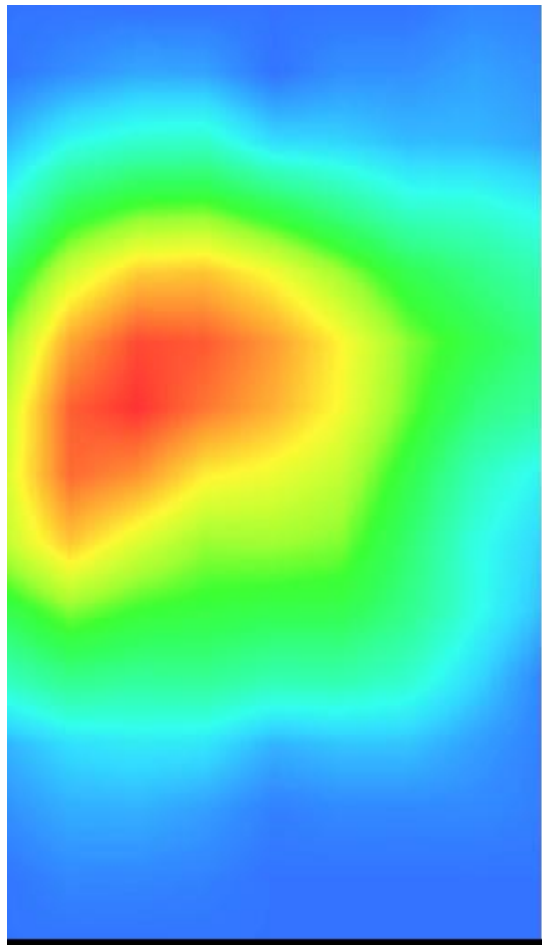
Maximum location: X=-20.00 Y=10.00

SAR Peak: 0.83 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.226127 |
| SAR 1g (W/Kg) | 0.458634 |

| Z (mm) | 0.00 | 4.00 | 8.00 | 12.00 | 16.00 |
|------------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.8203 | 0.4894 | 0.2735 | 0.1401 | 0.0623 |



| 3D screen shot | Hot spot position |
|--|---|
|  |  |

Plot 17: LTE Band7, 20MHz, Edge C, Middle,10mm

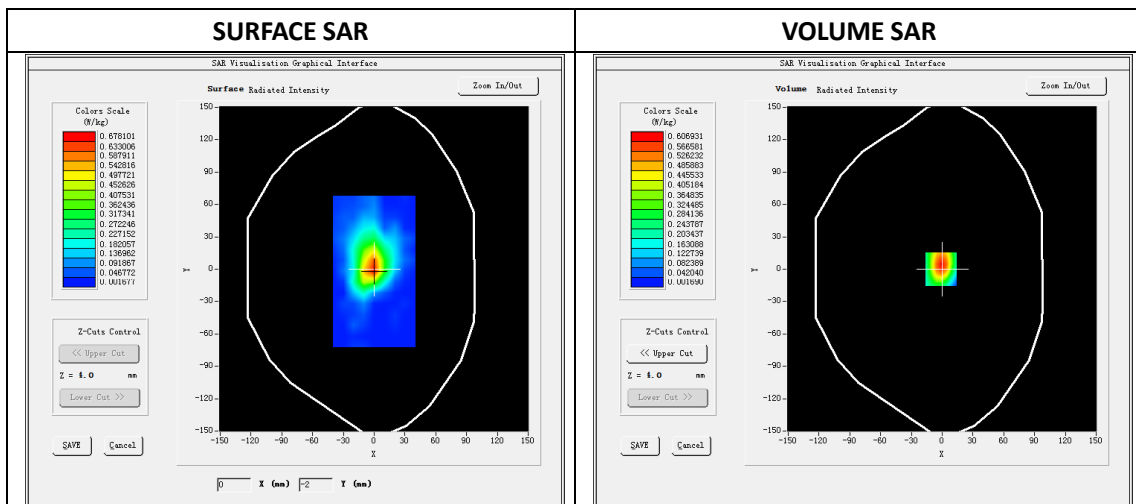
Type: Phone measurement
 Date of measurement: 12/10/2019
 Measurement duration: 22 minutes 32 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| Area Scan | dx=5mm,dy=5mm |
| ZoomScan | 7x7x8,dx=5mm dy=5mm dz=4mm |
| Phantom | Validation plane |
| Device Position | Edge C |
| Band | LTE Band 7 |
| Channels | 21350 |
| Signal | LTE (Duty cycle: 1:1) |

B. SAR Measurement Results

| | |
|---|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 2560 |
| Relative permittivity (real part) | 52.94 |
| Relative permittivity (imaginary part) | 15.02 |
| Conductivity (S/m) | 2.17 |
| Variation (%) | 1.48 |
| ConvF: | 2.43 |

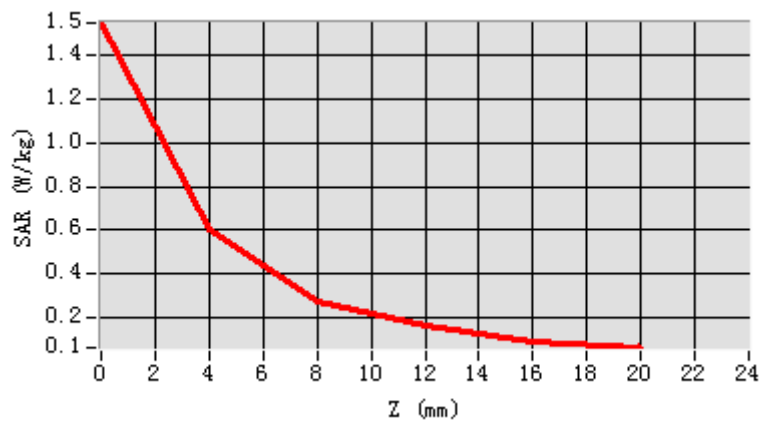


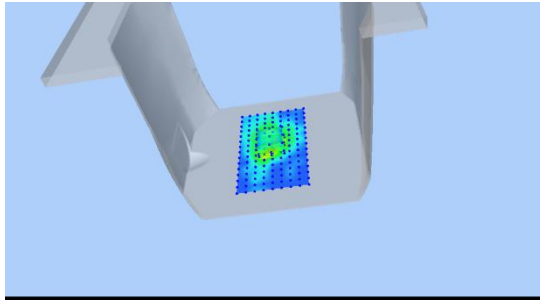
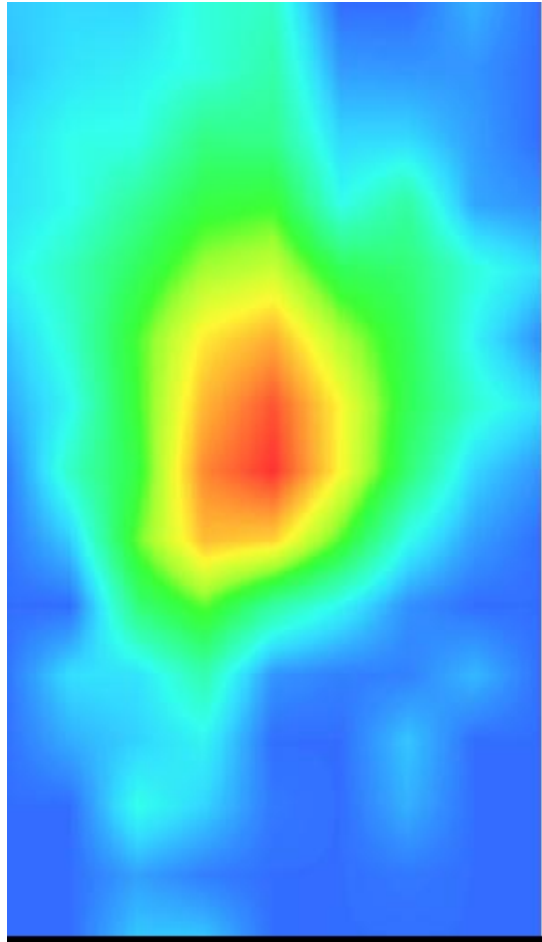
Maximum location: X=-1.00 Y=0.00

SAR Peak: 1.14 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.262657 |
| SAR 1g (W/Kg) | 0.561687 |

| Z (mm) | 0.00 | 4.00 | 8.00 | 12.00 | 16.00 |
|------------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 1.5497 | 0.6069 | 0.2752 | 0.1650 | 0.0888 |



| 3D screen shot | Hot spot position |
|--|---|
|  |  |

Plot 18: LTE Band12, 10MHz,Right Cheek, Middle

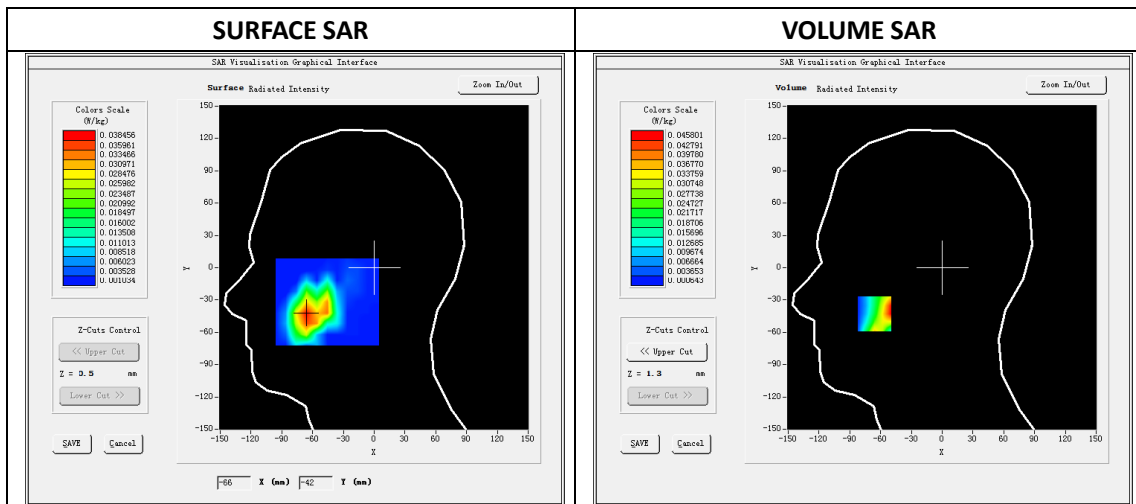
Type: Phone measurement
 Date of measurement: 12/02/2019
 Measurement duration: 22 minutes 31 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|-----------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| ZoomScan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Right Cheek |
| Band | LTE Band 12 |
| Channels | 23095 |
| Signal | LTE (Duty cycle: 1:1) |

B. SAR Measurement Results

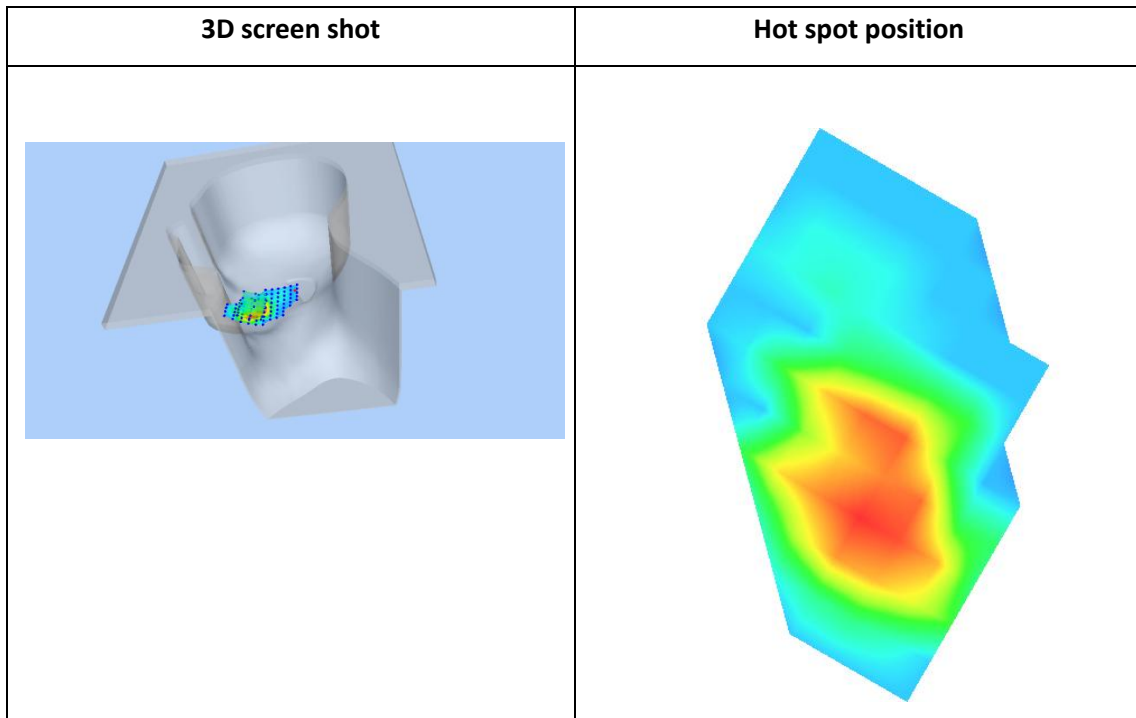
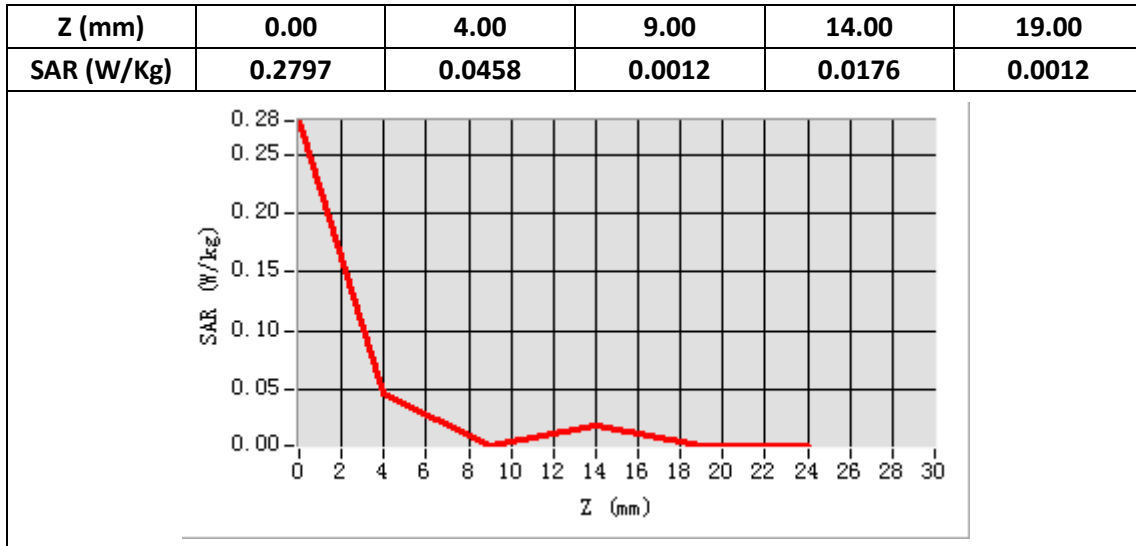
| | |
|--|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 707.5 |
| Relative permittivity (real part) | 41.92 |
| Relative permittivity (imaginary part) | 21.84 |
| Conductivity (S/m) | 0.91 |
| Variation (%) | 4.65 |
| ConvF: | 1.87 |



Maximum location: X=-66.00, Y=-43.00

SAR Peak: 0.07 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.023004 |
| SAR 1g (W/Kg) | 0.041424 |



Plot 19: LTE Band12, 10MHz, Back, Middle,10mm

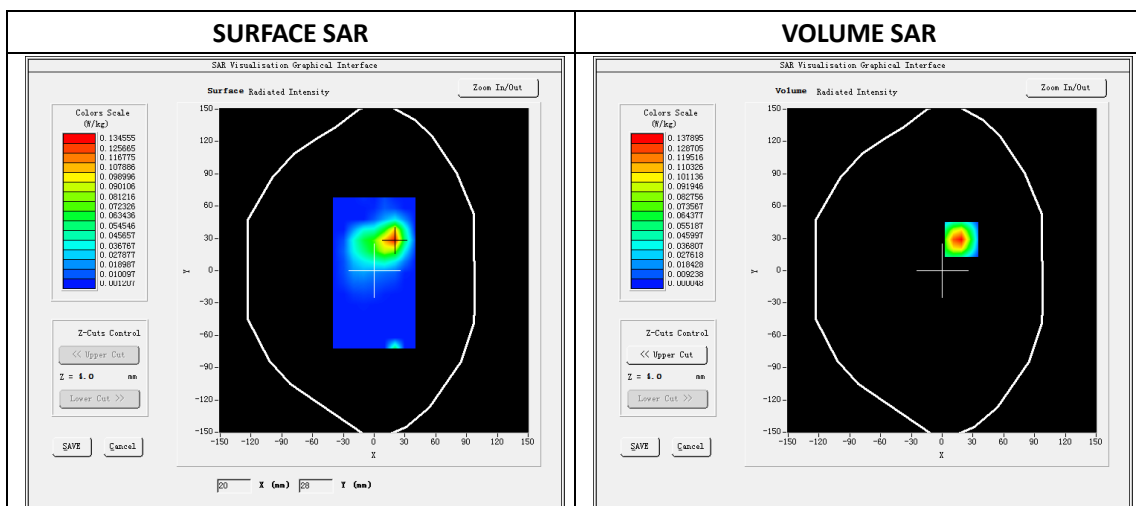
Type: Phone measurement
 Date of measurement: 12/02/2019
 Measurement duration: 22 minutes 33 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| ZoomScan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Back |
| Band | LTE Band 12 |
| Channels | 23095 |
| Signal | LTE (Duty cycle: 1:1) |

B. SAR Measurement Results

| | |
|---|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 707.5 |
| Relative permittivity (real part) | 55.66 |
| Relative permittivity (imaginary part) | 23.28 |
| Conductivity (S/m) | 0.97 |
| Variation (%) | 4.53 |
| ConvF: | 1.93 |

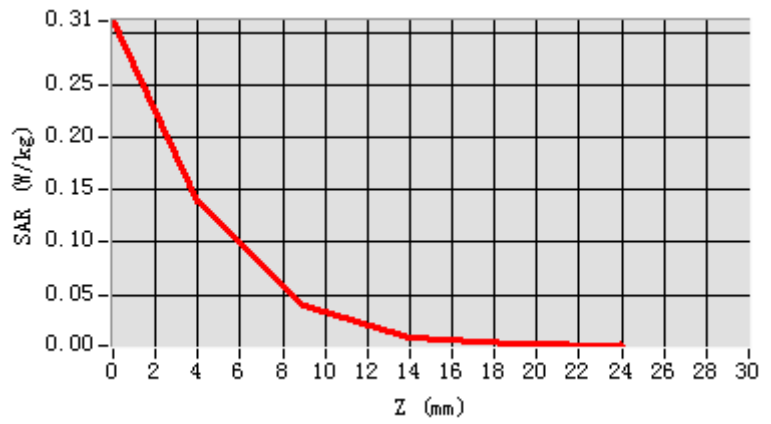


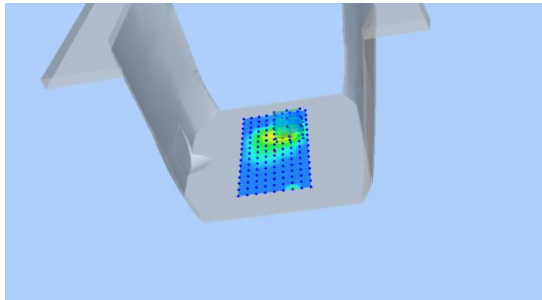
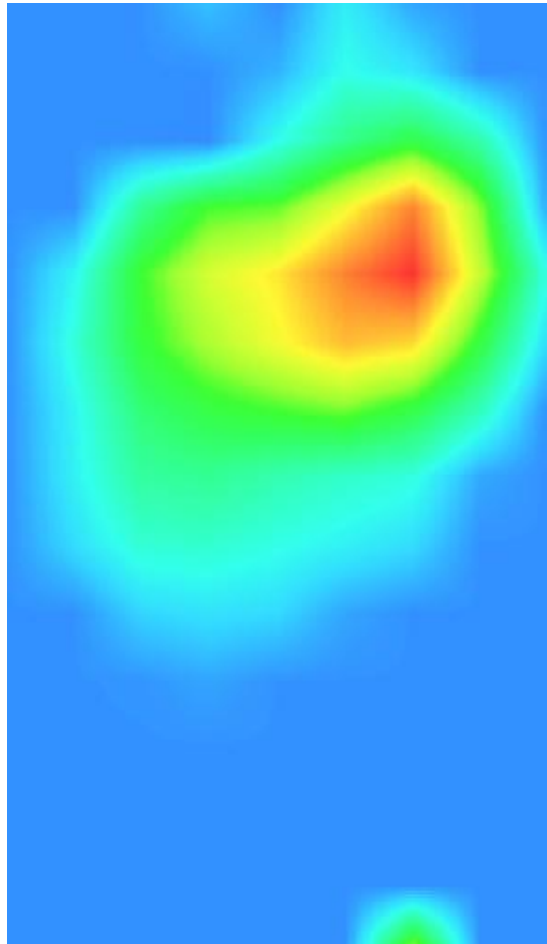
Maximum location: X=19.00, Y=29.00

SAR Peak: 0.31W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.055152 |
| SAR 1g (W/Kg) | 0.136808 |

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
|------------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.3105 | 0.1379 | 0.0397 | 0.0092 | 0.0027 |



| 3D screen shot | Hot spot position |
|--|---|
|  |  |

Plot 20: LTE Band17, 10MHz,Right Check, Middle

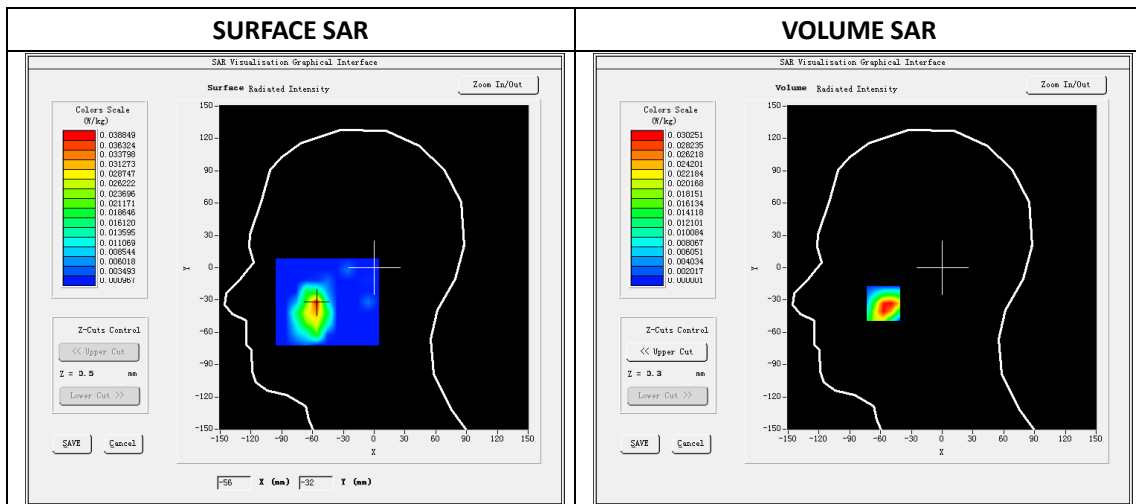
Type: Phone measurement
 Date of measurement: 12/02/2019
 Measurement duration: 22 minutes 38 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

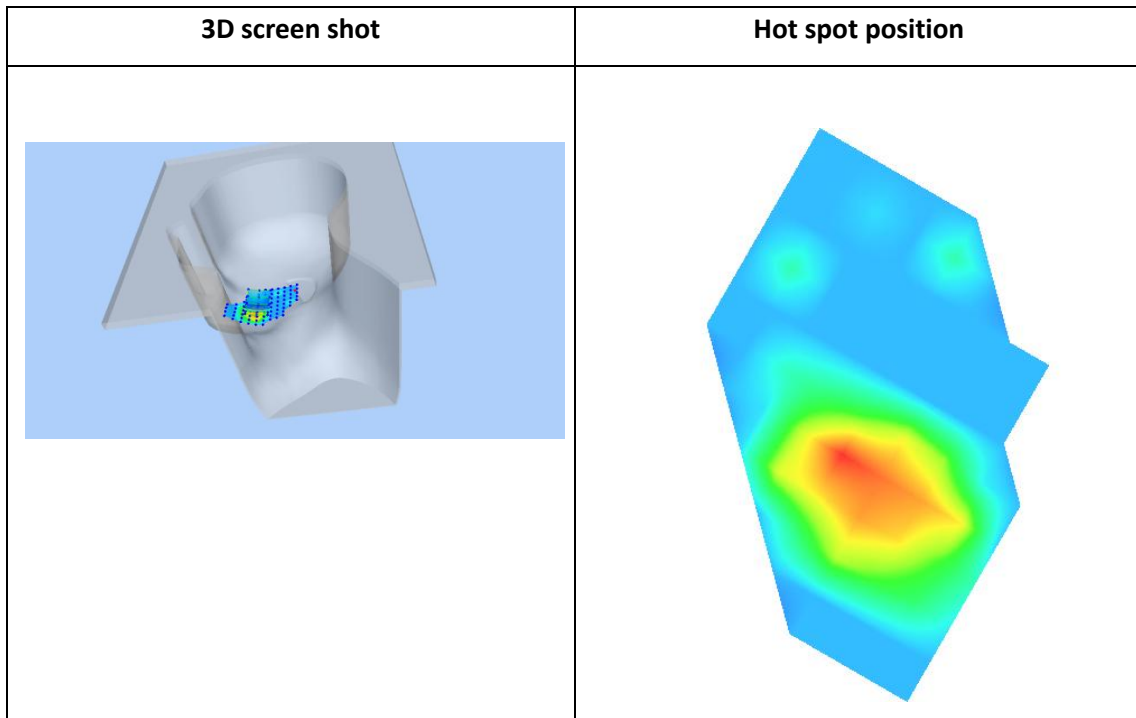
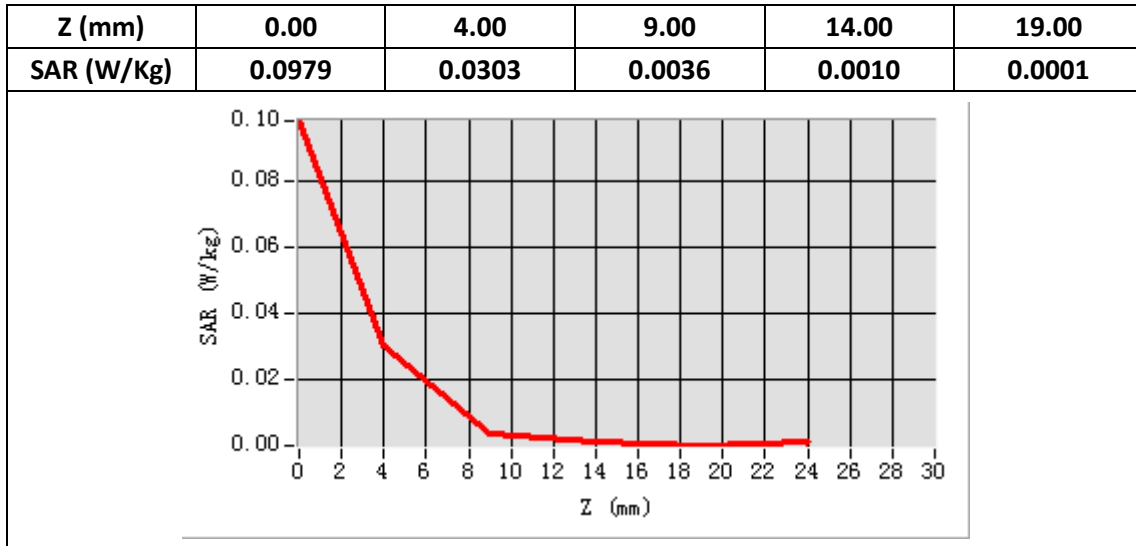
| | |
|-----------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| ZoomScan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Right Check |
| Band | LTE Band 17 |
| Channels | 23790 |
| Signal | LTE (Duty cycle: 1:1) |

B. SAR Measurement Results

| | |
|--|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 710 |
| Relative permittivity (real part) | 41.92 |
| Relative permittivity (imaginary part) | 21.84 |
| Conductivity (S/m) | 0.91 |
| Variation (%) | -4.32 |
| ConvF: | 1.87 |



| | |
|---|----------|
| Maximum location: X=-57.00, Y=-33.00 | |
| SAR Peak: 0.10 W/kg | |
| SAR 10g (W/Kg) | 0.013746 |
| SAR 1g (W/Kg) | 0.034812 |



Plot 21: LTE Band17, 10MHz, Back, Middle,10mm

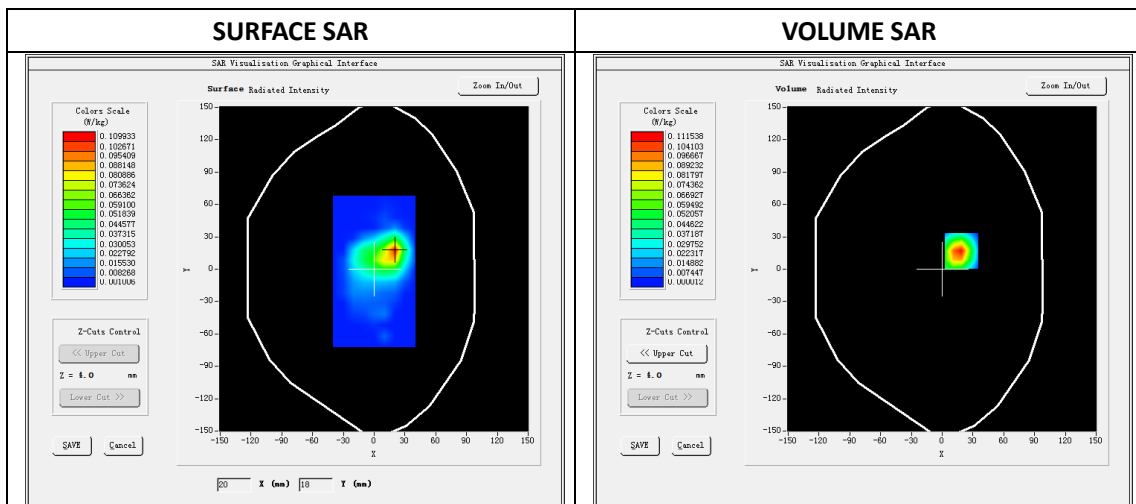
Type: Phone measurement
 Date of measurement: 12/02/2019
 Measurement duration: 22 minutes 39 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|-----------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| ZoomScan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Back |
| Band | LTE Band 17 |
| Channels | 23790 |
| Signal | LTE (Duty cycle: 1:1) |

B. SAR Measurement Results

| | |
|--|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 710 |
| Relative permittivity (real part) | 55.66 |
| Relative permittivity (imaginary part) | 23.28 |
| Conductivity (S/m) | 0.97 |
| Variation (%) | -0.36 |
| ConvF: | 1.93 |

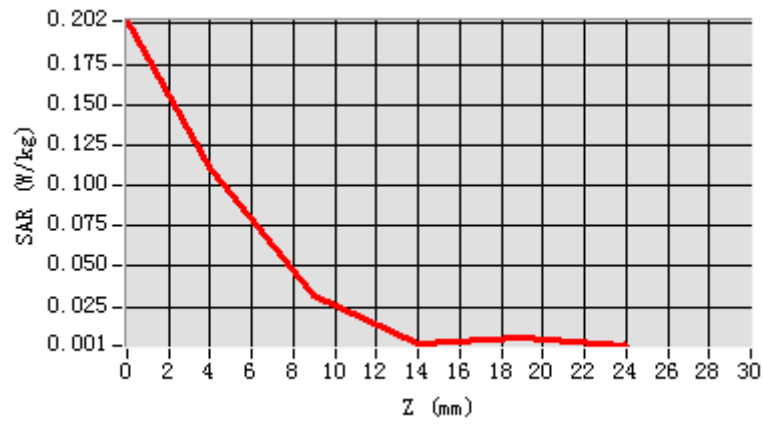


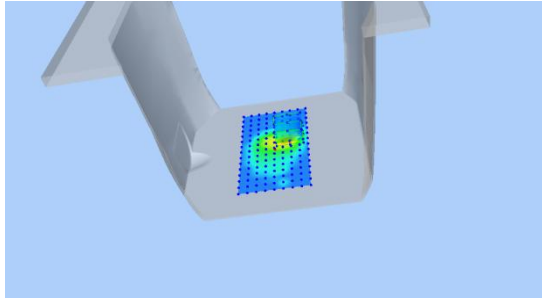
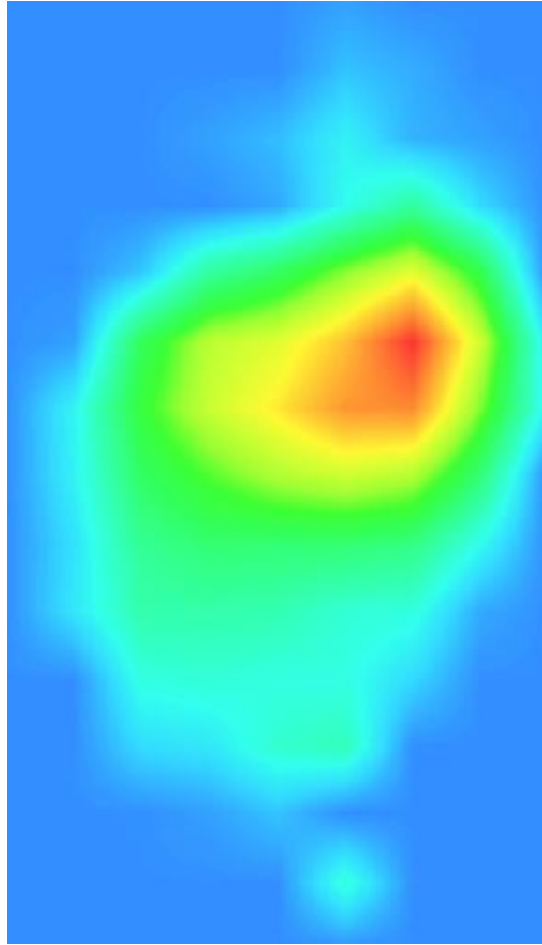
Maximum location: X=19.00, Y=17.00

SAR Peak: 0.25W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.044381 |
| SAR 1g (W/Kg) | 0.108473 |

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
|------------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.2017 | 0.1115 | 0.0326 | 0.0021 | 0.0056 |



| 3D screen shot | Hot spot position |
|--|---|
|  |  |

Plot 22: LTE Band25, 20MHz, Left Cheek, Middle

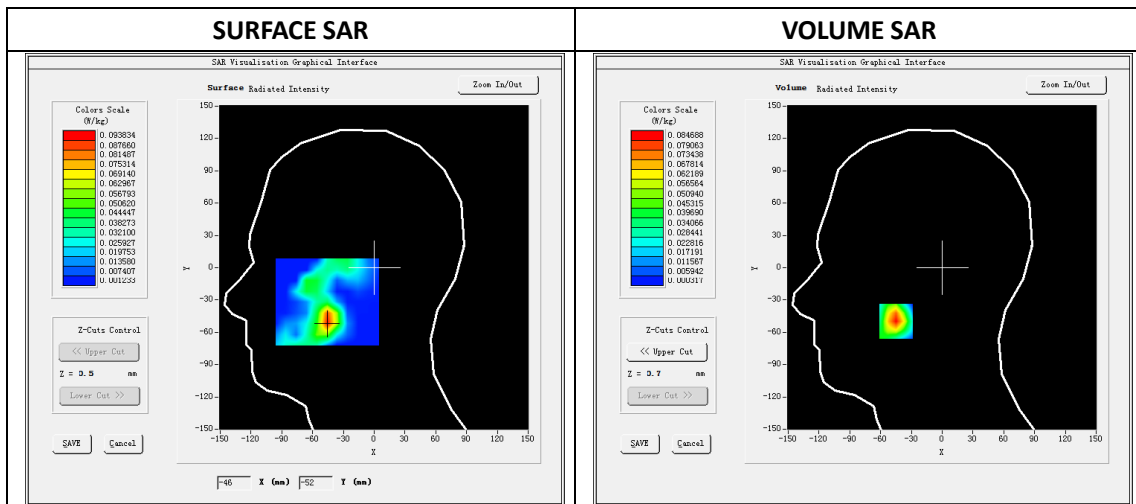
Type: Phone measurement
 Date of measurement: 12/06/2019
 Measurement duration: 22 minutes 28 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|-----------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| ZoomScan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Left Cheek |
| Band | LTE Band 25 |
| Channels | 26365 |
| Signal | LTE (Duty cycle: 1:1) |

B. SAR Measurement Results

| | |
|--|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 1882.5 |
| Relative permittivity (real part) | 40.55 |
| Relative permittivity (imaginary part) | 13.26 |
| Conductivity (S/m) | 1.40 |
| Variation (%) | -1.22 |
| ConvF: | 2.34 |

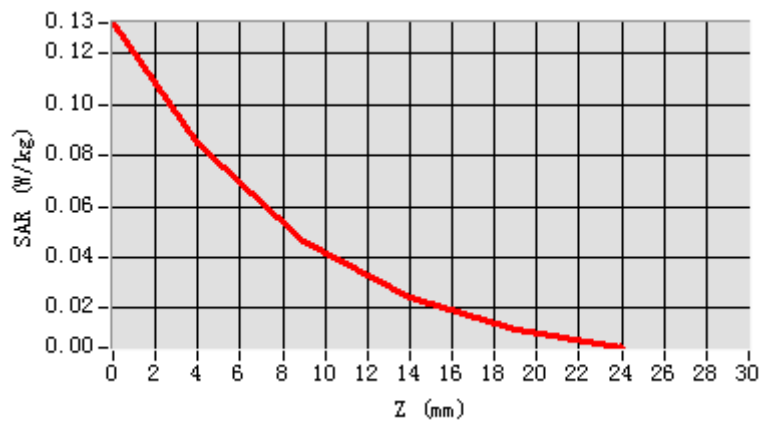


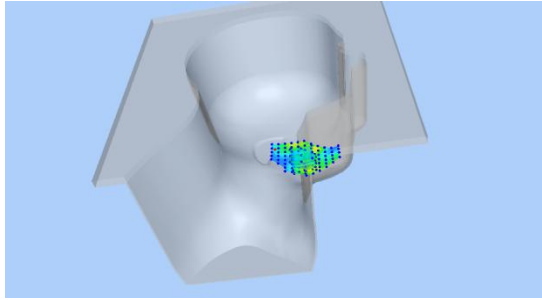
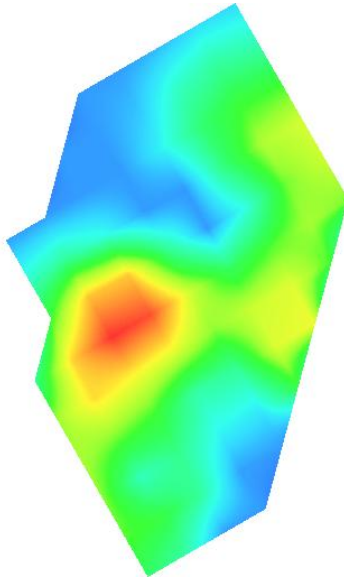
Maximum location: X=-45.00, Y=-50.00

SAR Peak: 0.13W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.037015 |
| SAR 1g (W/Kg) | 0.079338 |

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
|------------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.1321 | 0.0847 | 0.0463 | 0.0240 | 0.0116 |



| 3D screen shot | Hot spot position |
|--|---|
|  |  |

Plot 23: LTE Band25, 20MHz, Back, Middle,10mm

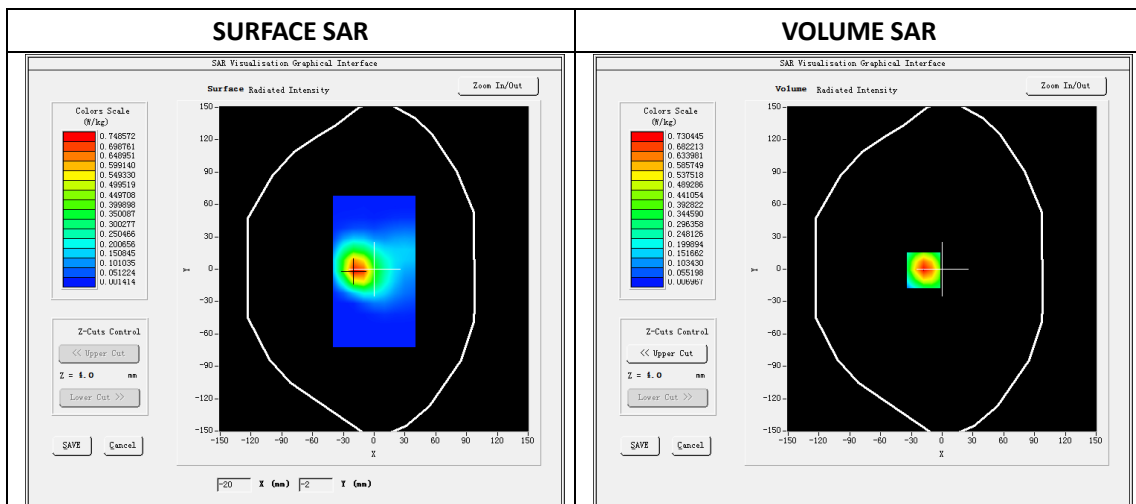
Type: Phone measurement
 Date of measurement: 12/06/2019
 Measurement duration: 22 minutes 27 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| ZoomScan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Back |
| Band | LTE Band 25 |
| Channels | 26365 |
| Signal | LTE (Duty cycle: 1:1) |

B. SAR Measurement Results

| | |
|---|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 1882.5 |
| Relative permittivity (real part) | 53.52 |
| Relative permittivity (imaginary part) | 14.59 |
| Conductivity (S/m) | 1.54 |
| Variation (%) | -1.01 |
| ConvF: | 2.39 |

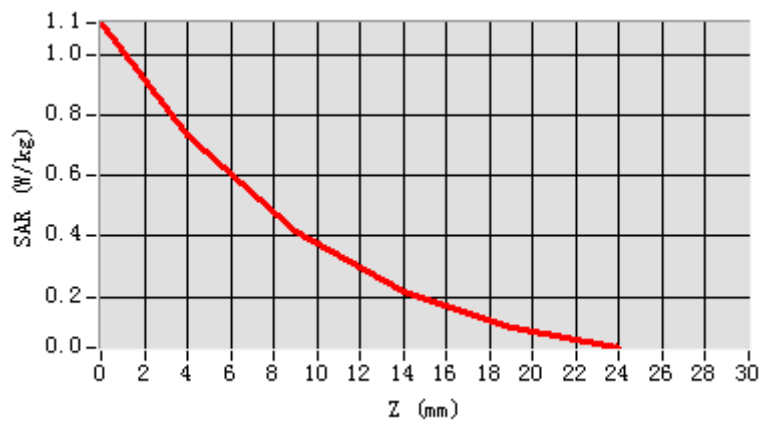


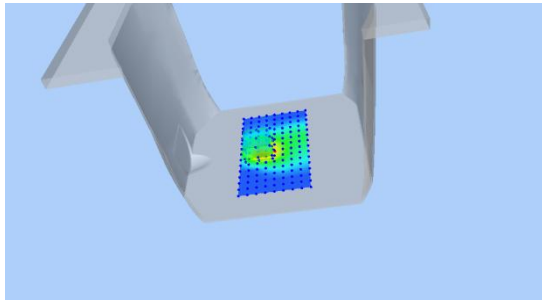
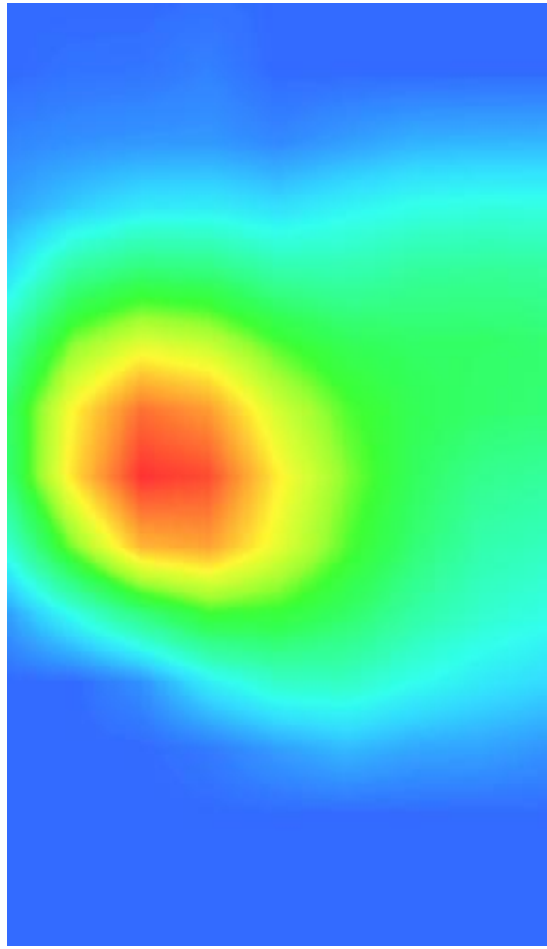
Maximum location: X=-18.00, Y=-1.00

SAR Peak: 1.11W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.358937 |
| SAR 1g (W/Kg) | 0.720278 |

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
|------------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 1.1026 | 0.7304 | 0.4125 | 0.2148 | 0.0982 |



| 3D screen shot | Hot spot position |
|--|---|
|  |  |

Plot 24: LTE Band41, 20MHz, Left Cheek, Middle

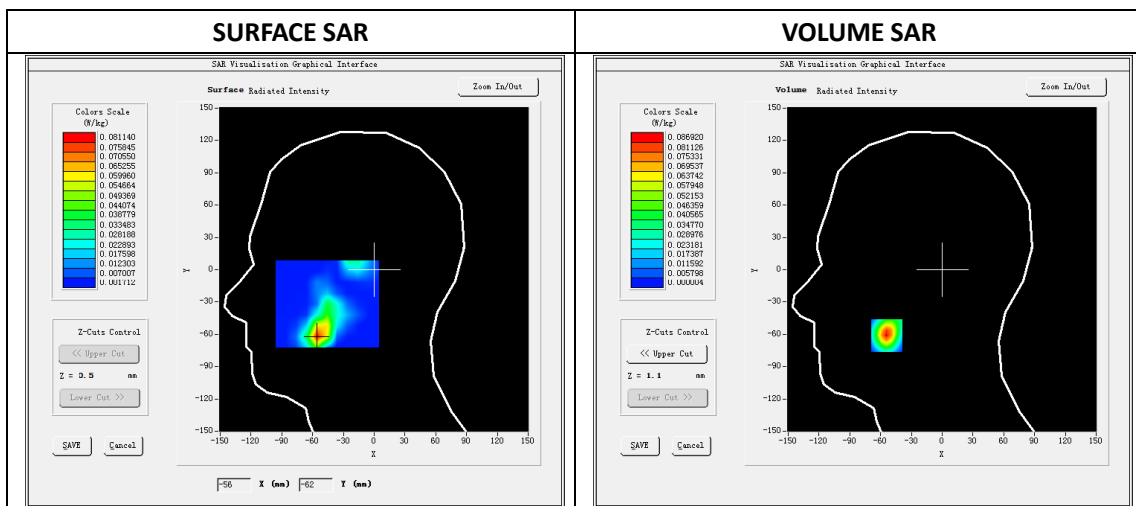
Type: Phone measurement
 Date of measurement: 12/10/2019
 Measurement duration: 22 minutes 37 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|-----------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| ZoomScan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Left Cheek |
| Band | LTE Band 41 |
| Channels | 40390 |
| Signal | LTE (Duty cycle: 63.33%) |

B. SAR Measurement Results

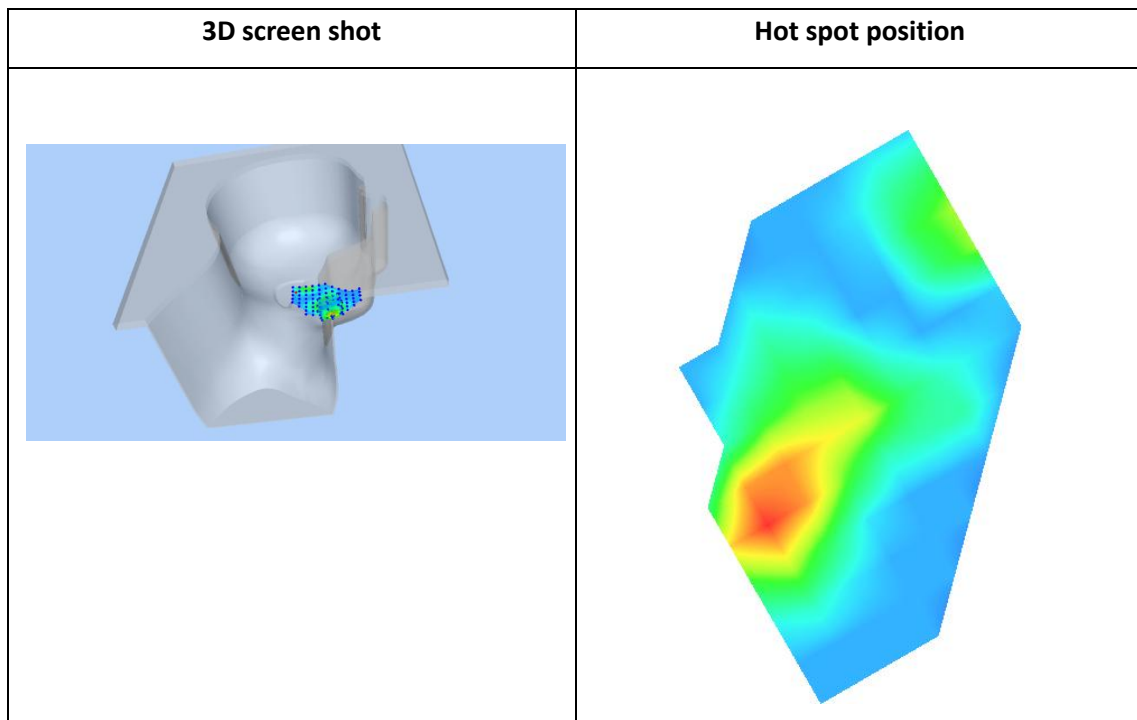
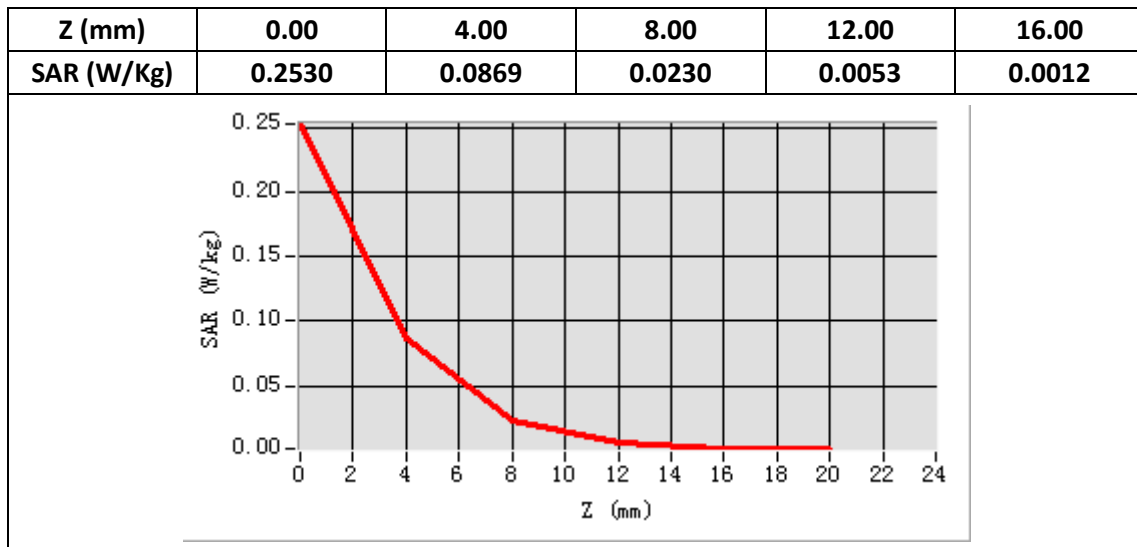
| | |
|--|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 2570 |
| Relative permittivity (real part) | 39.41 |
| Relative permittivity (imaginary part) | 13.57 |
| Conductivity (S/m) | 1.96 |
| Variation (%) | 4.05 |
| ConvF: | 2.35 |



Maximum location: X=-54.00, Y=-61.00

SAR Peak: 0.26W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.034550 |
| SAR 1g (W/Kg) | 0.092160 |



Plot 25: LTE Band41, 20MHz, Back, Middle,10mm

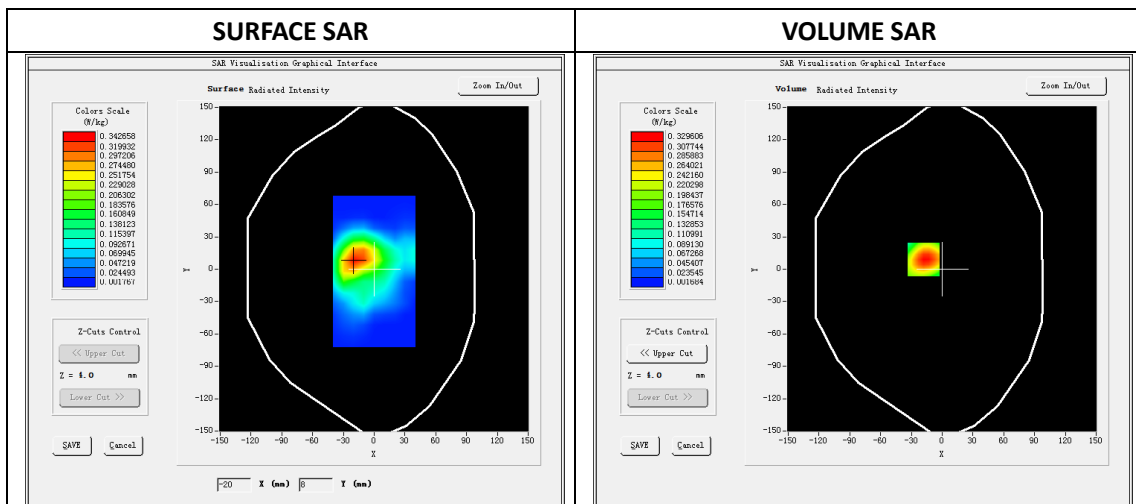
Type: Phone measurement
 Date of measurement: 12/10/2019
 Measurement duration: 22 minutes 40 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| ZoomScan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Back |
| Band | LTE Band 41 |
| Channels | 40390 |
| Signal | LTE (Duty cycle: 63.33%) |

B. SAR Measurement Results

| | |
|---|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 2570 |
| Relative permittivity (real part) | 52.94 |
| Relative permittivity (imaginary part) | 15.02 |
| Conductivity (S/m) | 2.17 |
| Variation (%) | -0.76 |
| ConvF: | 2.43 |

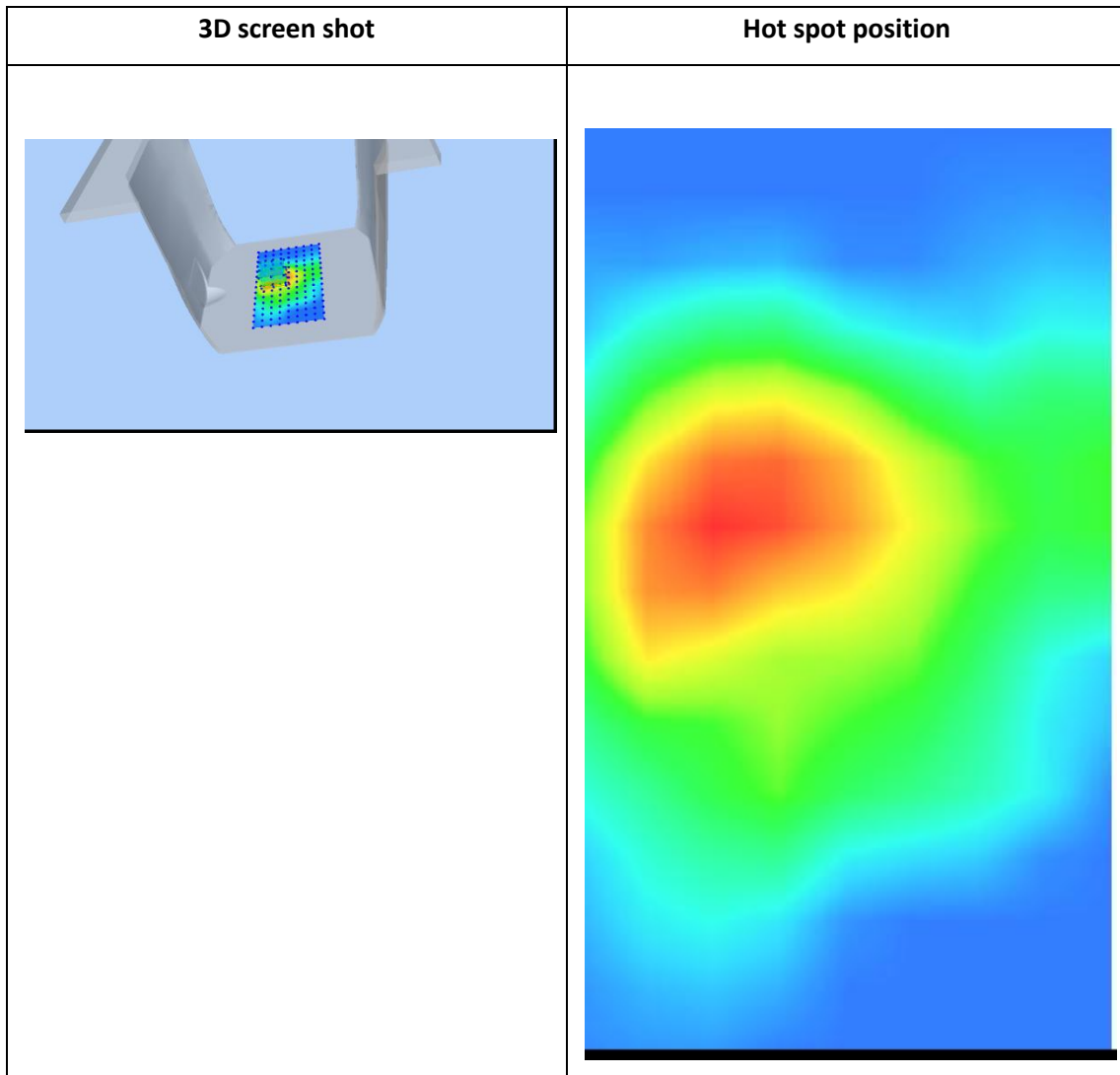
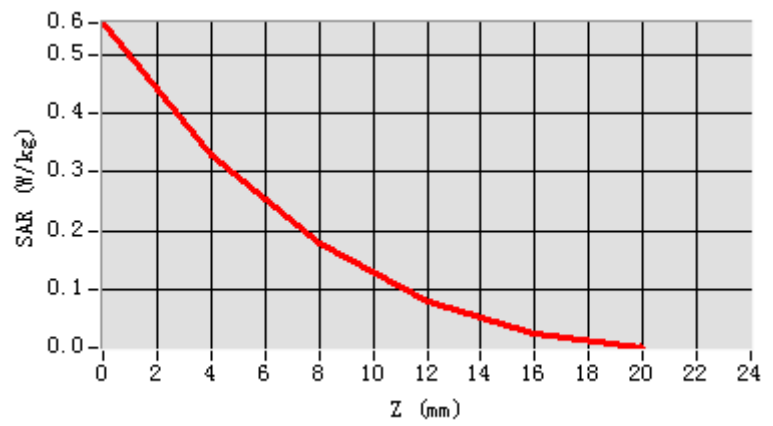


Maximum location: X=-18.00, Y=9.00

SAR Peak: 0.56W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.143801 |
| SAR 1g (W/Kg) | 0.305924 |

| Z (mm) | 0.00 | 4.00 | 8.00 | 12.00 | 16.00 |
|------------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.5535 | 0.3296 | 0.1774 | 0.0806 | 0.0255 |



Plot 26: LTE Band41, 20MHz, Edge C, Middle,10mm

Type: Phone measurement

Date of measurement: 12/10/2019

Measurement duration: 22 minutes 40 seconds

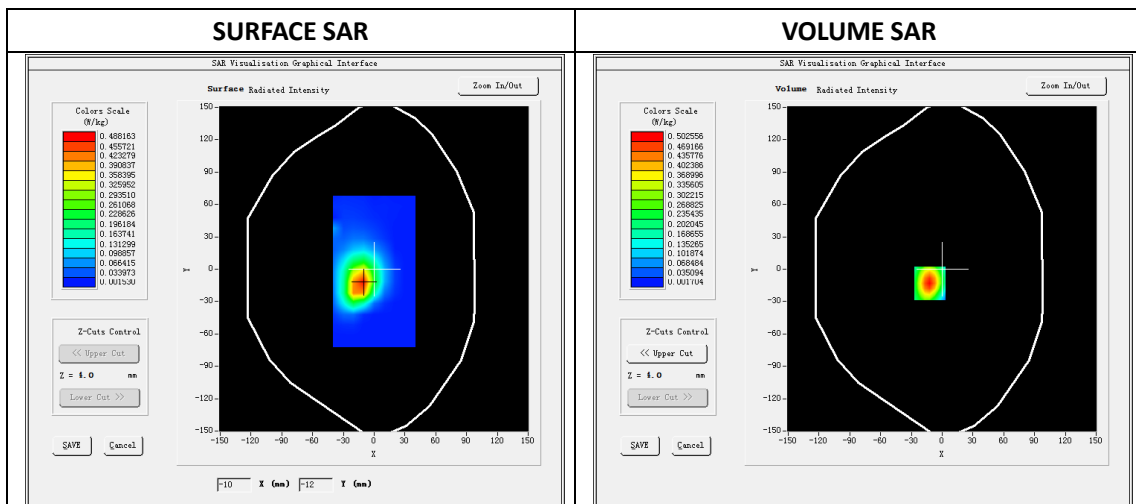
Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|-----------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| ZoomScan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Edge C |
| Band | LTE Band 41 |
| Channels | 40390 |
| Signal | LTE (Duty cycle: 63.33%) |

B. SAR Measurement Results

| | |
|--|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 2570 |
| Relative permittivity (real part) | 52.94 |
| Relative permittivity (imaginary part) | 15.02 |
| Conductivity (S/m) | 2.17 |
| Variation (%) | -2.83 |
| ConvF: | 2.43 |

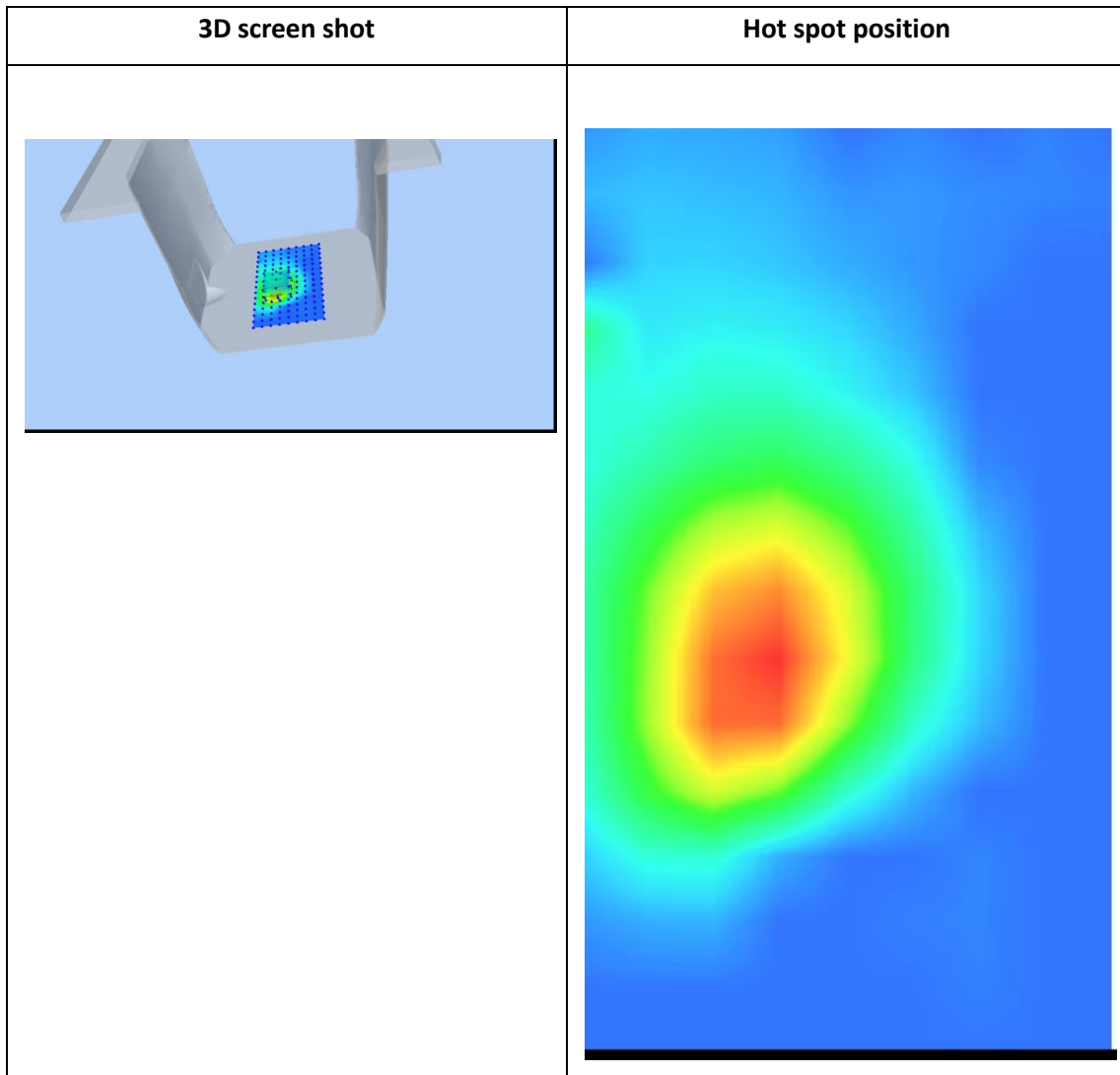
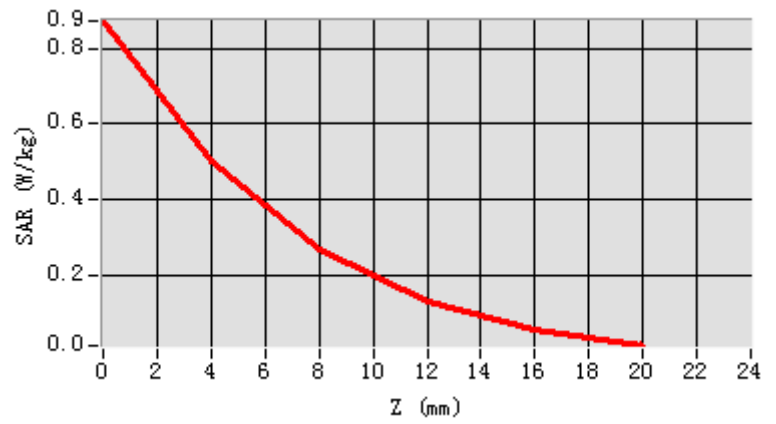


Maximum location: X=-12.00, Y=-13.00

SAR Peak: 0.87W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.204696 |
| SAR 1g (W/Kg) | 0.454818 |

| Z (mm) | 0.00 | 4.00 | 8.00 | 12.00 | 16.00 |
|------------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.8728 | 0.5026 | 0.2688 | 0.1302 | 0.0535 |



Plot 27: LTE Band66, 20MHz, Left Cheek, Middle

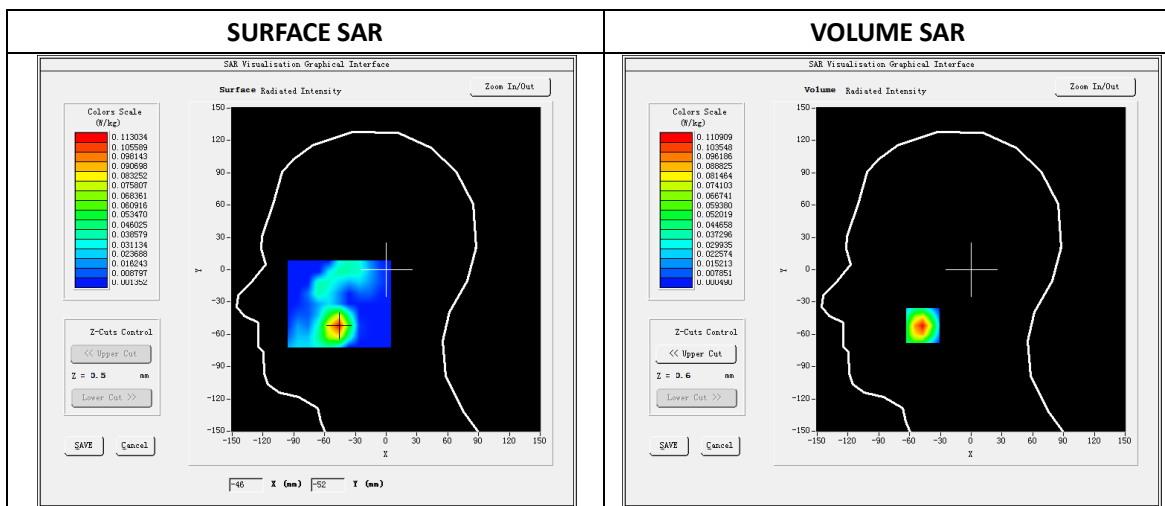
Type: Phone measurement
 Date of measurement: 12/05/2019
 Measurement duration: 22 minutes 29 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| ZoomScan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Left Cheek |
| Band | LTE Band 66 |
| Channels | 132197 |
| Signal | LTE (Duty cycle: 1:1) |

B. SAR Measurement Results

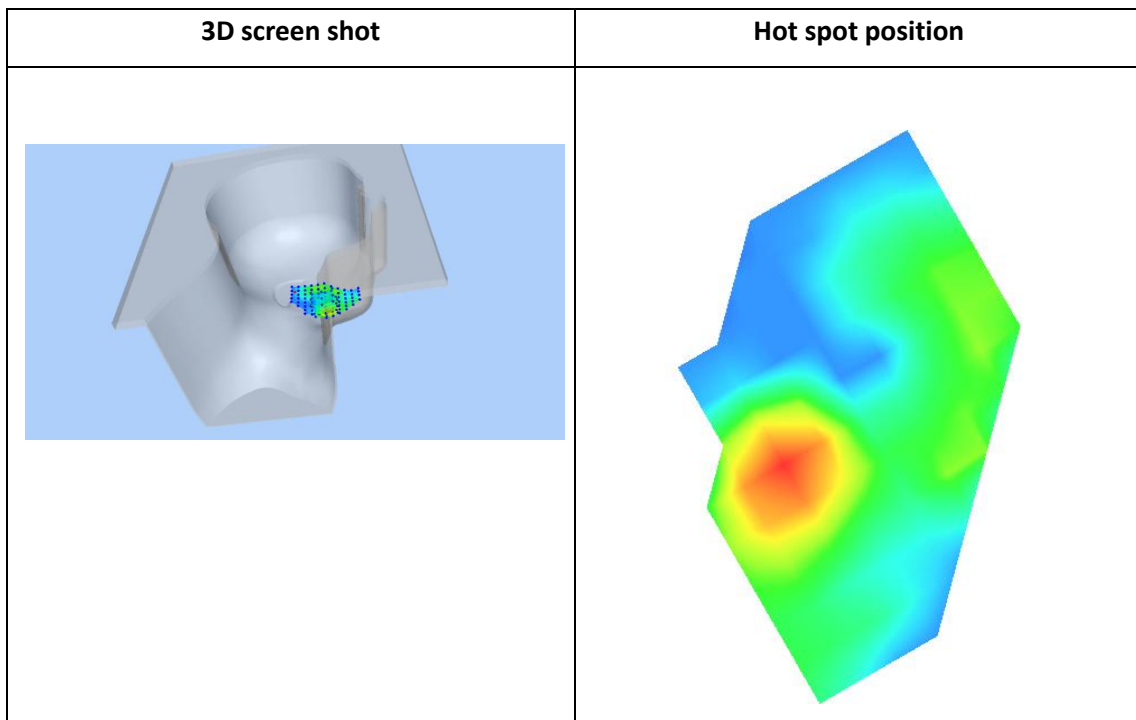
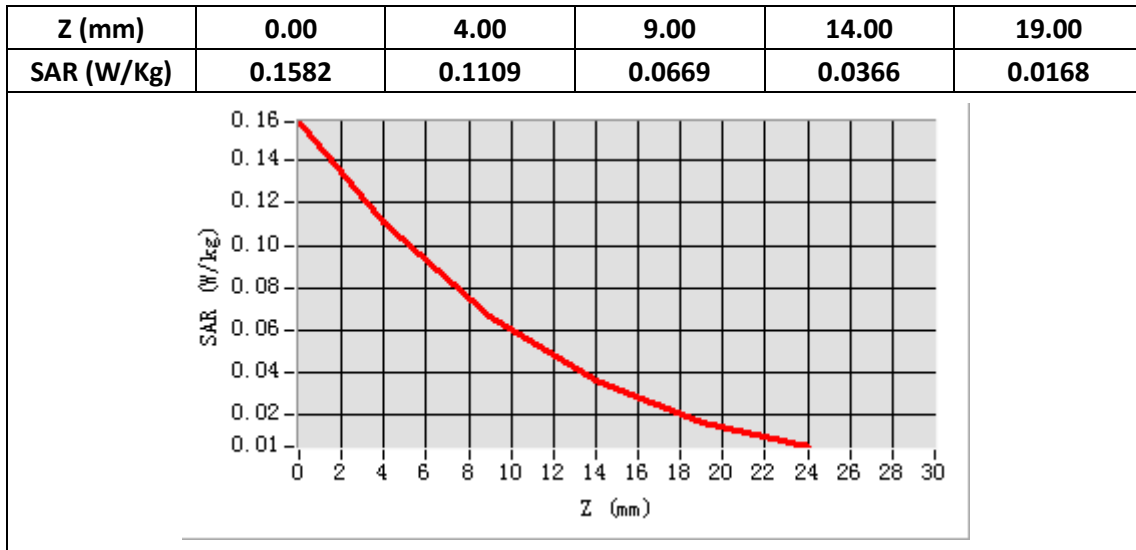
| | |
|---|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 1732.5 |
| Relative permittivity (real part) | 40.64 |
| Relative permittivity (imaginary part) | 13.90 |
| Conductivity (S/m) | 1.39 |
| Variation (%) | -4.53 |
| ConvF: | 2.14 |



Maximum location: X=-47.00, Y=-52.00

SAR Peak: 0.16W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.049691 |
| SAR 1g (W/Kg) | 0.102955 |



Plot 28: LTE Band66, 20MHz, Back, Middle,10mm

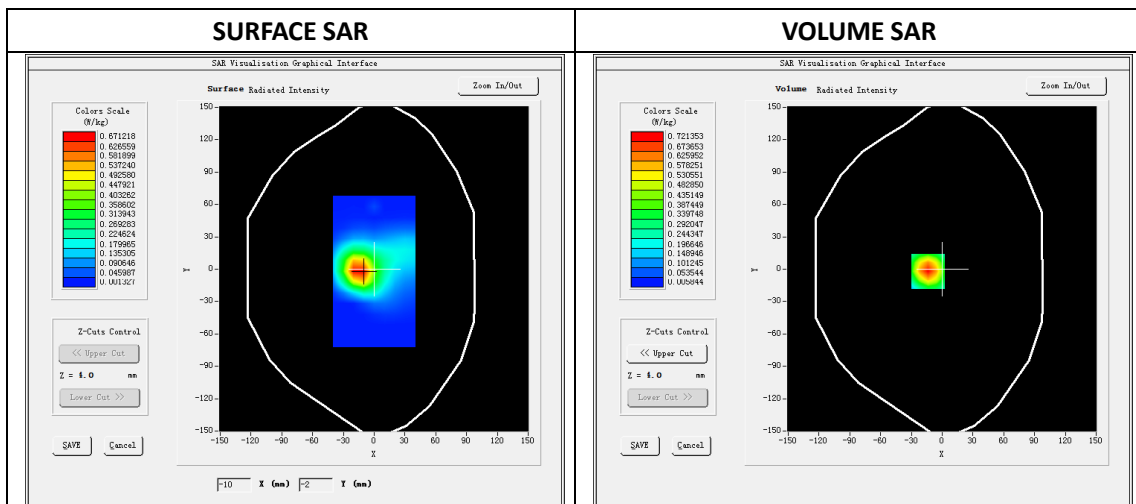
Type: Phone measurement
 Date of measurement: 12/05/2019
 Measurement duration: 22 minutes 30 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| ZoomScan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Back |
| Band | LTE Band 66 |
| Channels | 132197 |
| Signal | LTE (Duty cycle: 1:1) |

B. SAR Measurement Results

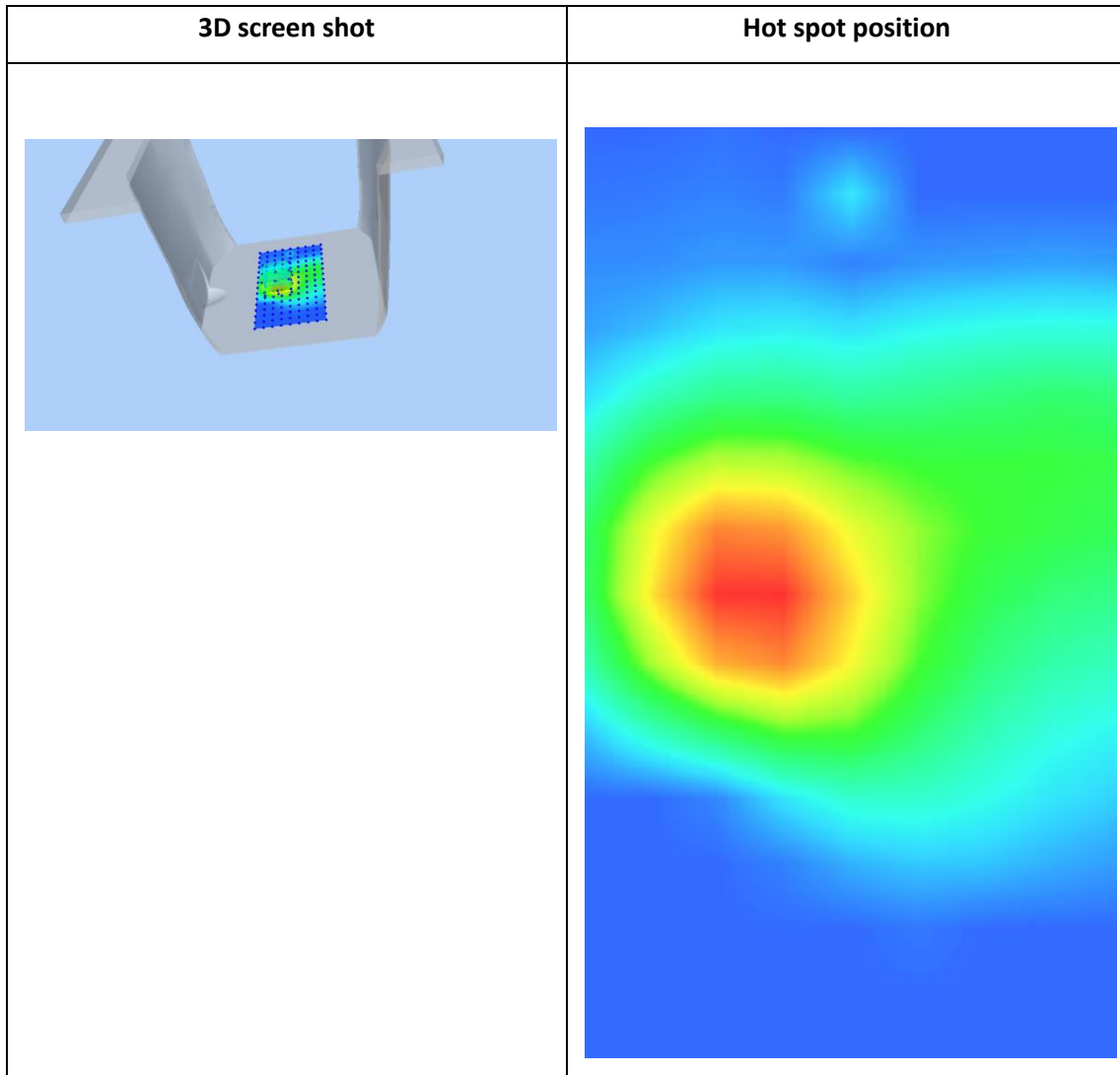
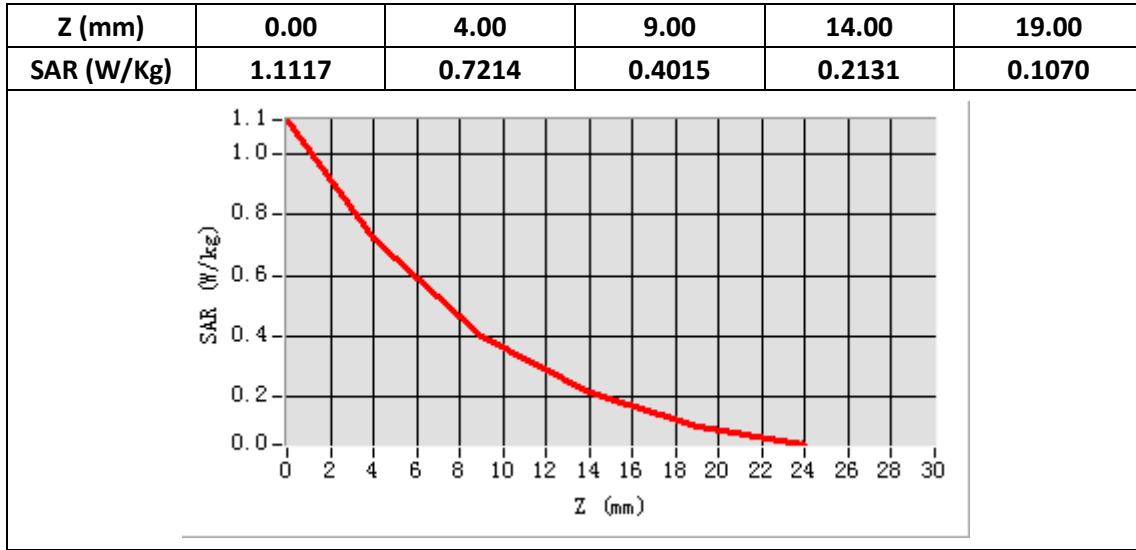
| | |
|---|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 1732.5 |
| Relative permittivity (real part) | 53.65 |
| Relative permittivity (imaginary part) | 15.30 |
| Conductivity (S/m) | 1.53 |
| Variation (%) | -1.23 |
| ConvF: | 2.22 |



Maximum location: X=-14.00, Y=-2.00

SAR Peak: 1.11W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.340721 |
| SAR 1g (W/Kg) | 0.664460 |



Plot 29: Wi-Fi 802.11b Right Cheek, Middle

Type: Phone measurement

Date of measurement: 12/09/2019

Measurement duration: 22 minutes 41 seconds

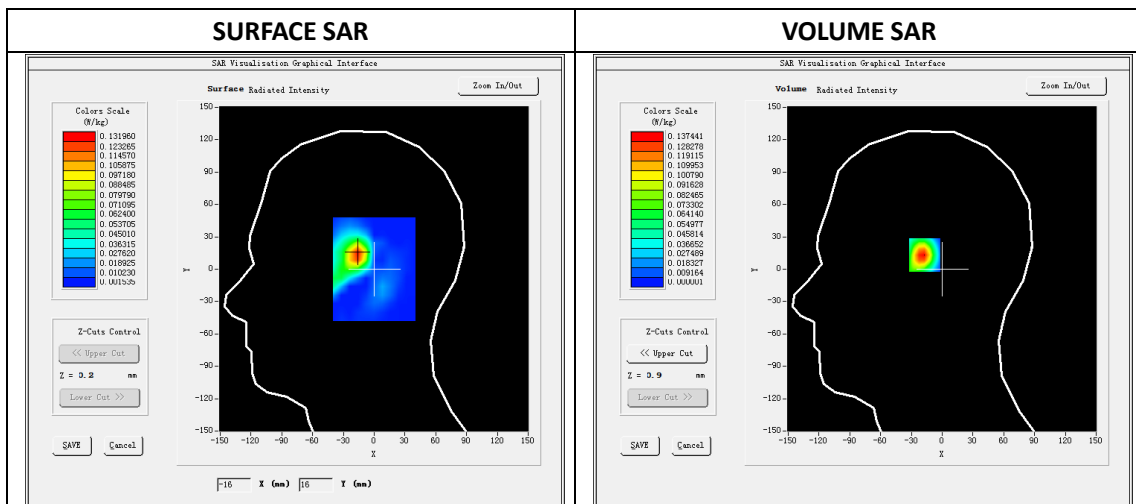
Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| Area Scan | dx=5mm,dy=5mm |
| ZoomScan | 7x7x8,dx=5mm dy=5mm dz=4mm |
| Phantom | Validation plane |
| Device Position | Right Cheek |
| Band | WIFI |
| Channels | 6 |
| Signal | DSSS (Duty cycle: 1:1) |

B. SAR Measurement Results

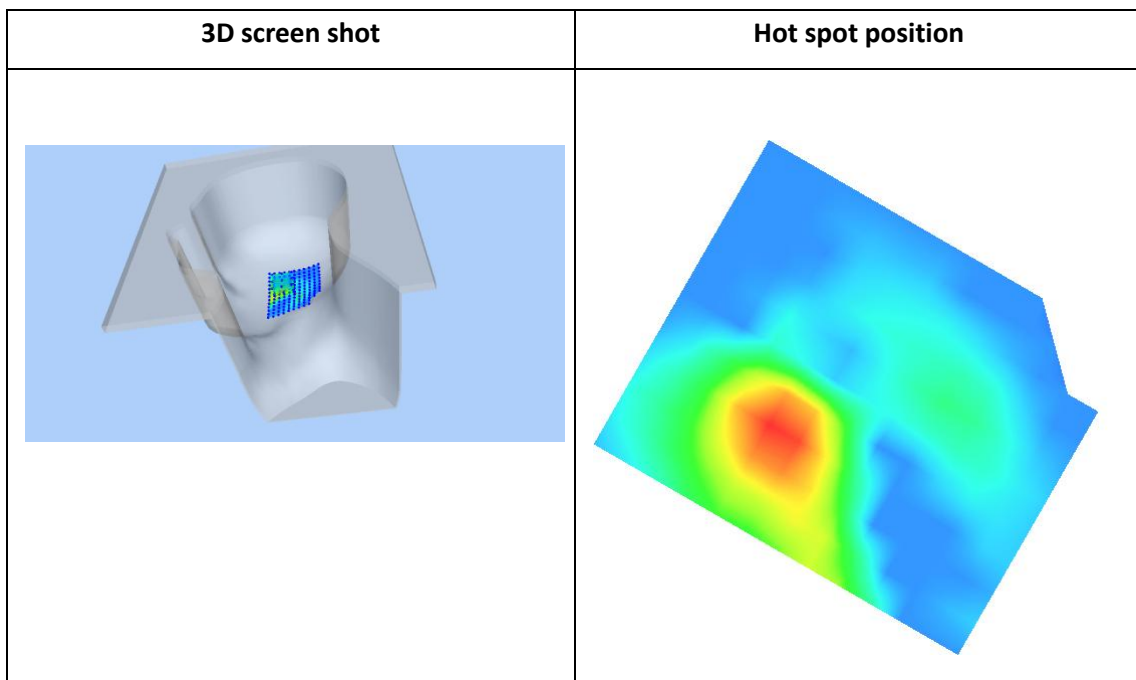
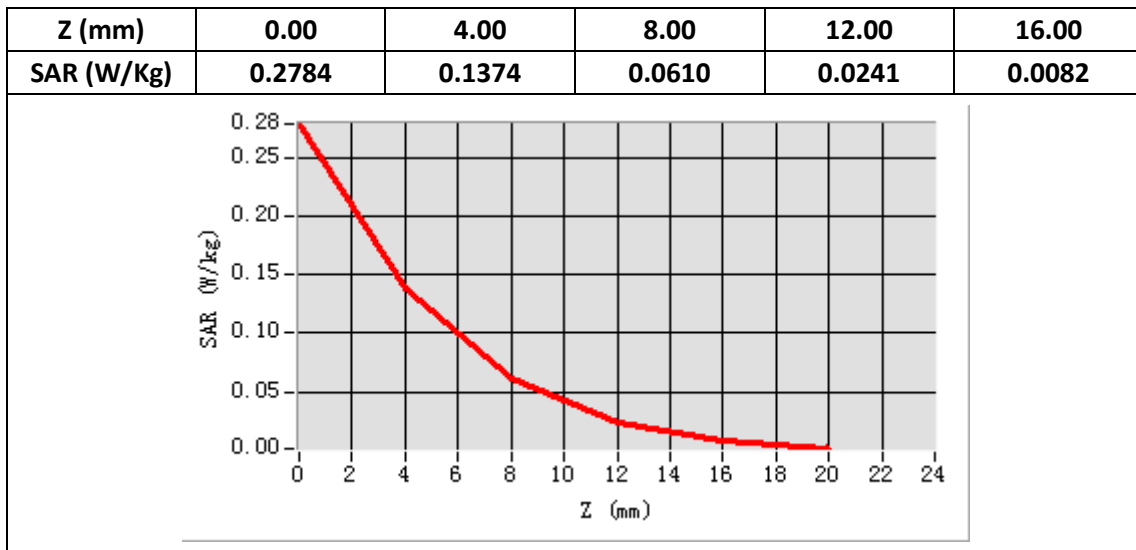
| | |
|---|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 2437 |
| Relative permittivity (real part) | 39.70 |
| Relative permittivity (imaginary part) | 13.22 |
| Conductivity (S/m) | 1.80 |
| Variation (%) | -4.98 |
| ConvF: | 2.37 |



Maximum location: X=-16.00 Y=14.00

SAR Peak: 0.28 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.050676 |
| SAR 1g (W/Kg) | 0.126559 |



Plot 30: Wi-Fi 802.11b, Face ,Middle, 10mm

Type: Phone measurement

Date of measurement: 12/09/2019

Measurement duration: 22 minutes 23 seconds

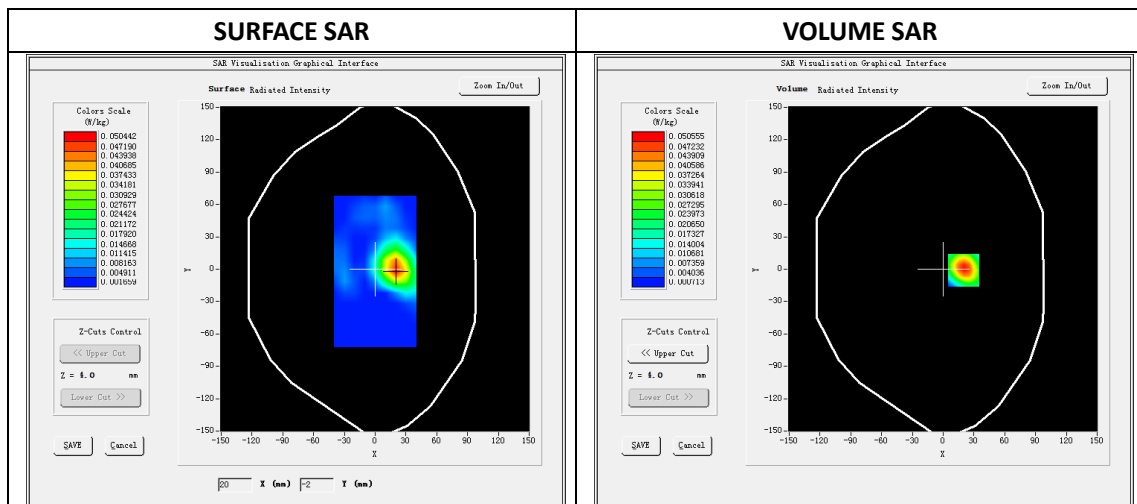
Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| Area Scan | dx=5mm,dy=5mm |
| ZoomScan | 7x7x8,dx=5mm dy=5mm dz=4mm |
| Phantom | Validation plane |
| Device Position | Face |
| Band | WIFI |
| Channels | 6 |
| Signal | DSSS (Duty cycle: 1:1) |

B. SAR Measurement Results

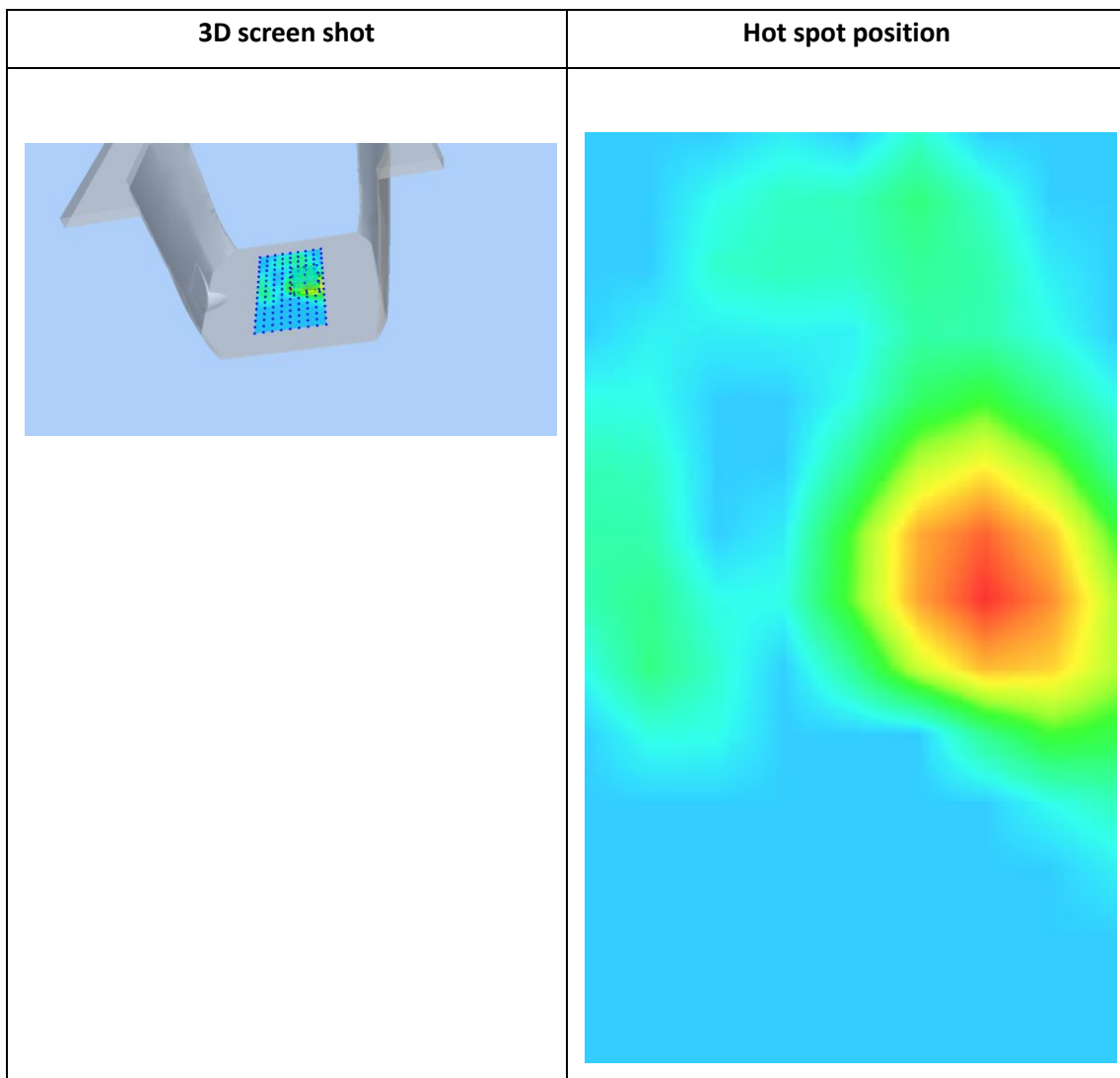
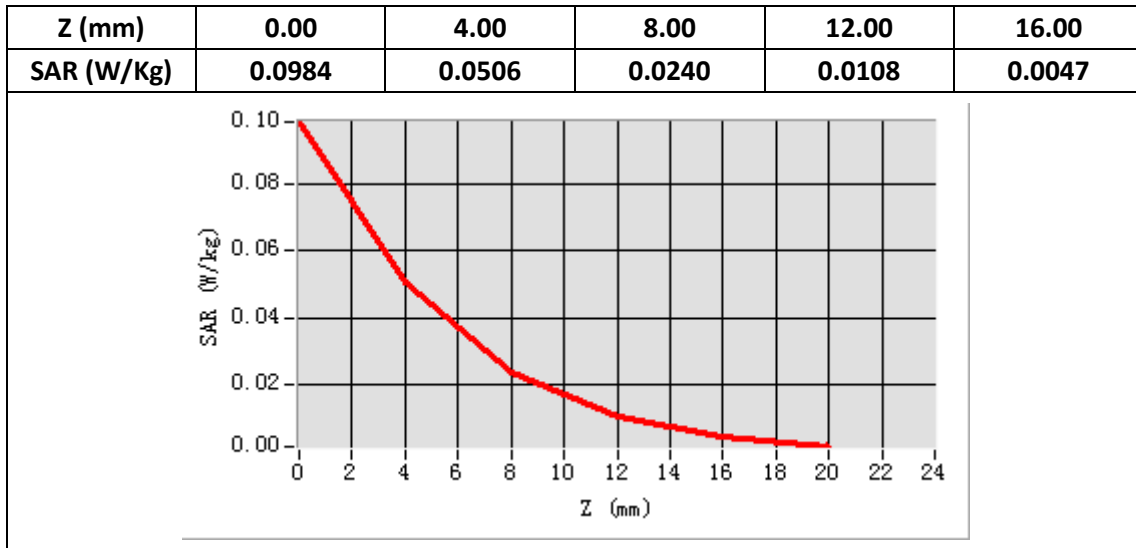
| | |
|---|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 2437 |
| Relative permittivity (real part) | 53.28 |
| Relative permittivity (imaginary part) | 14.47 |
| Conductivity (S/m) | 1.97 |
| Variation (%) | -1.16 |
| ConvF: | 2.46 |



Maximum location: X=20.00 Y=-1.00

SAR Peak: 0.10W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.021043 |
| SAR 1g (W/Kg) | 0.047453 |



Plot 31: Wi-Fi 802.11b, Edge B ,Middle, 10mm

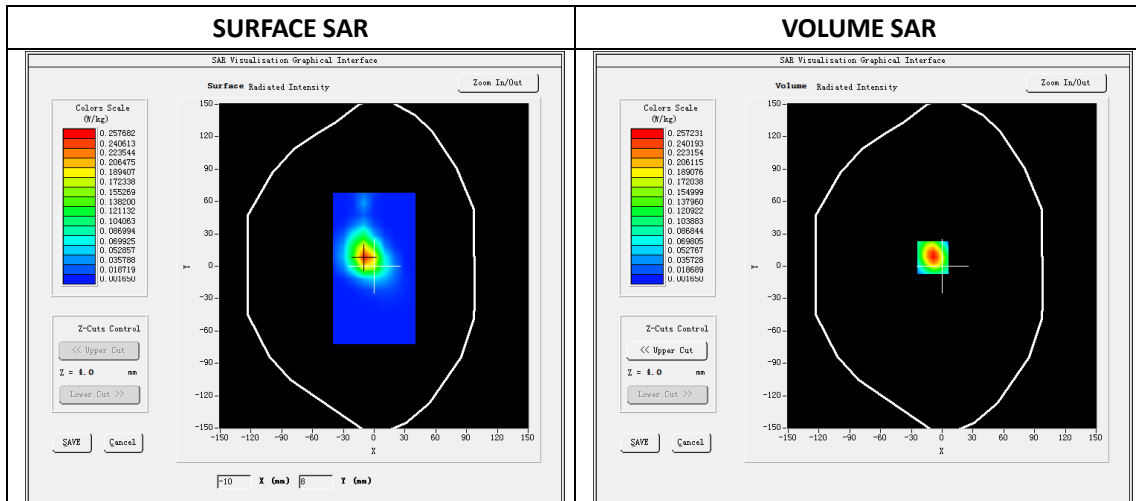
Type: Phone measurement
 Date of measurement: 12/09/2019
 Measurement duration: 22 minutes 23 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| Area Scan | dx=5mm,dy=5mm |
| ZoomScan | 7x7x8,dx=5mm dy=5mm dz=4mm |
| Phantom | Validation plane |
| Device Position | Edge B |
| Band | WIFI |
| Channels | 6 |
| Signal | DSSS (Duty cycle: 1:1) |

B. SAR Measurement Results

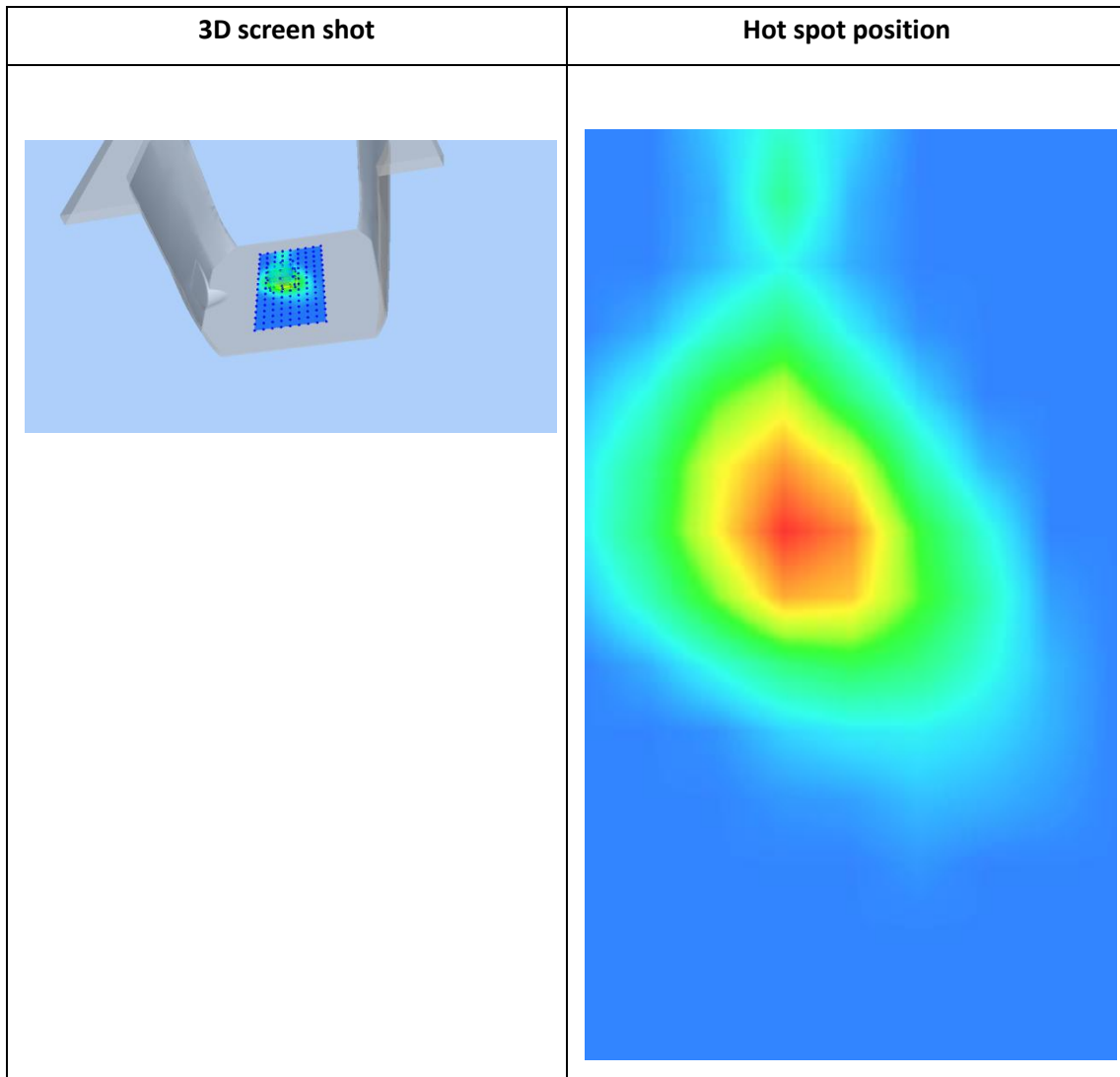
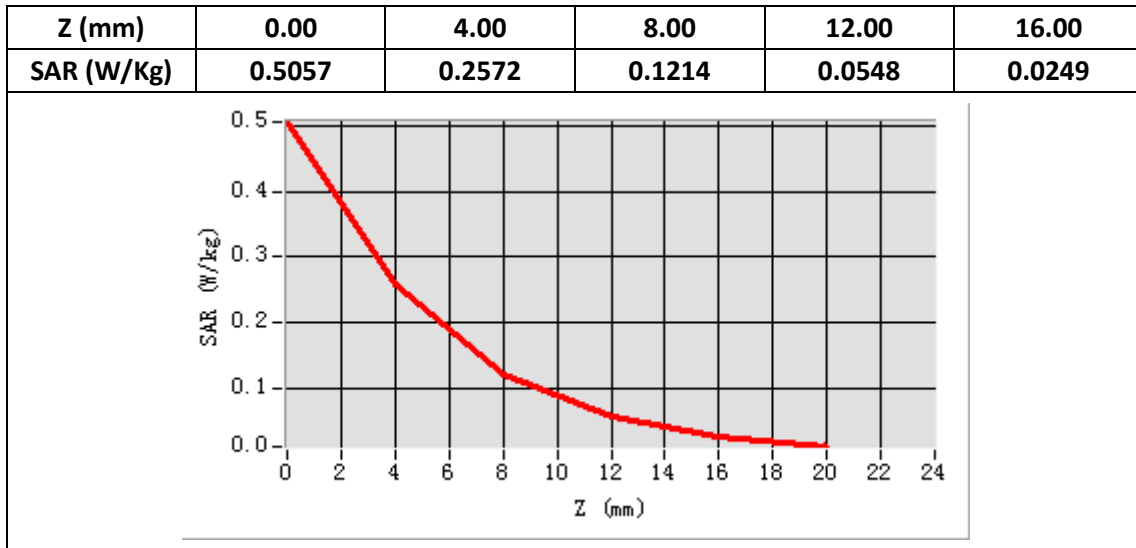
| | |
|---|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 2437 |
| Relative permittivity (real part) | 53.28 |
| Relative permittivity (imaginary part) | 14.47 |
| Conductivity (S/m) | 1.97 |
| Variation (%) | -3.88 |
| ConvF: | 2.46 |



Maximum location: X=-9.00 Y=8.00

SAR Peak: 0.51W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.101918 |
| SAR 1g (W/Kg) | 0.239577 |



Plot 32: WIFI 5G 802.11a(20MHZ), Right Cheek, Middle

Type: Phone measurement

Date of measurement: 12/14/2019

Measurement duration: 22 minutes 30 seconds

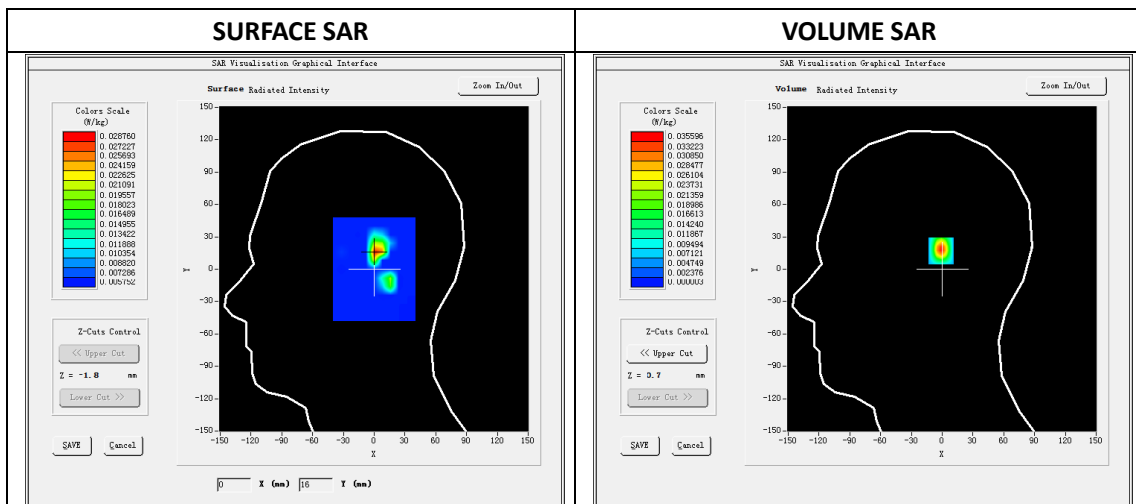
Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|-----------------|------------------------------|
| Area Scan | dx=4mm,dy=4mm |
| ZoomScan | 7x7x12,dx=4m, dy=4mm, dz=2mm |
| Phantom | Validation plane |
| Device Position | Right Cheek |
| Band | WIFI 5G |
| Channels | 165 |
| Signal | OFDM (Duty cycle: 1:1) |

B. SAR Measurement Results

| | |
|--|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 5825 |
| Relative permittivity (real part) | 35.64 |
| Relative permittivity (imaginary part) | 16.39 |
| Conductivity (S/m) | 5.28 |
| Variation (%) | -2.35 |
| ConvF: | 2.15 |

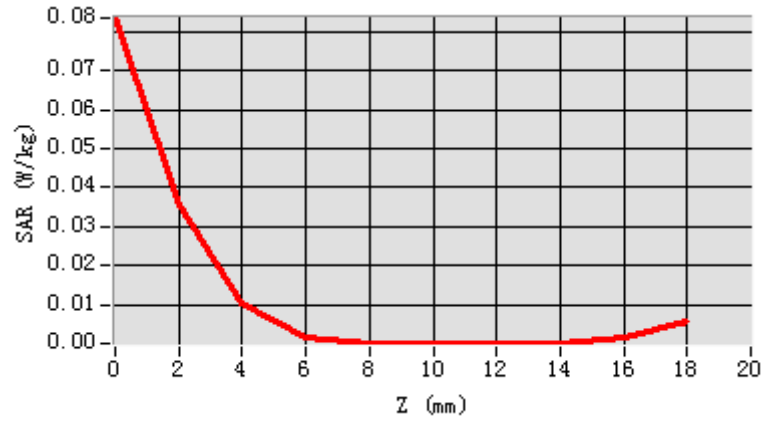


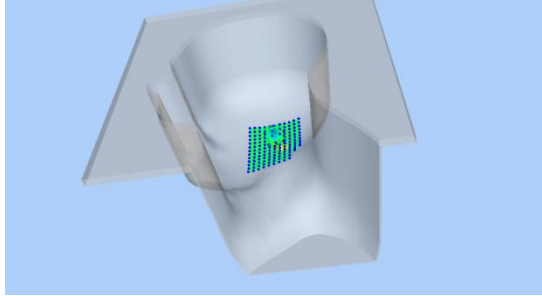
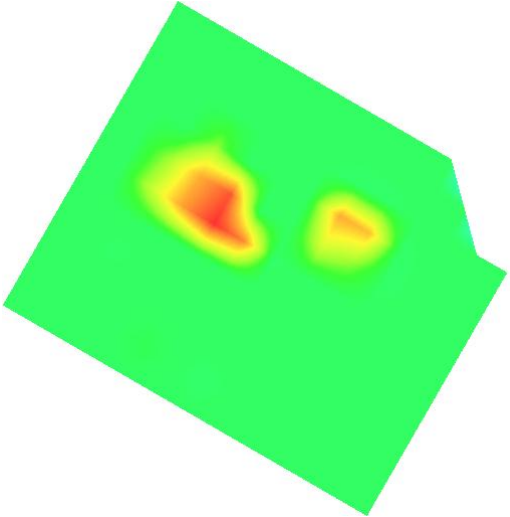
Maximum location: X=3.00 Y=17.00

SAR Peak: 0.16 W/kg

| | |
|----------------|----------|
| SAR 10g (W/Kg) | 0.013000 |
| SAR 1g (W/Kg) | 0.042412 |

| Z (mm) | 0.00 | 2.00 | 4.00 | 6.00 | 8.00 | 10.00 | 12.00 | 14.00 | 16.00 |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.0835 | 0.0356 | 0.0104 | 0.0017 | 0.0000 | 0.0000 | 0.0001 | 0.0002 | 0.0018 |



| 3D screen shot | Hot spot position |
|---|--|
|  |  |

Plot 33: WIFI 5G 802.11a(20MHz), Face , Middle,10mm

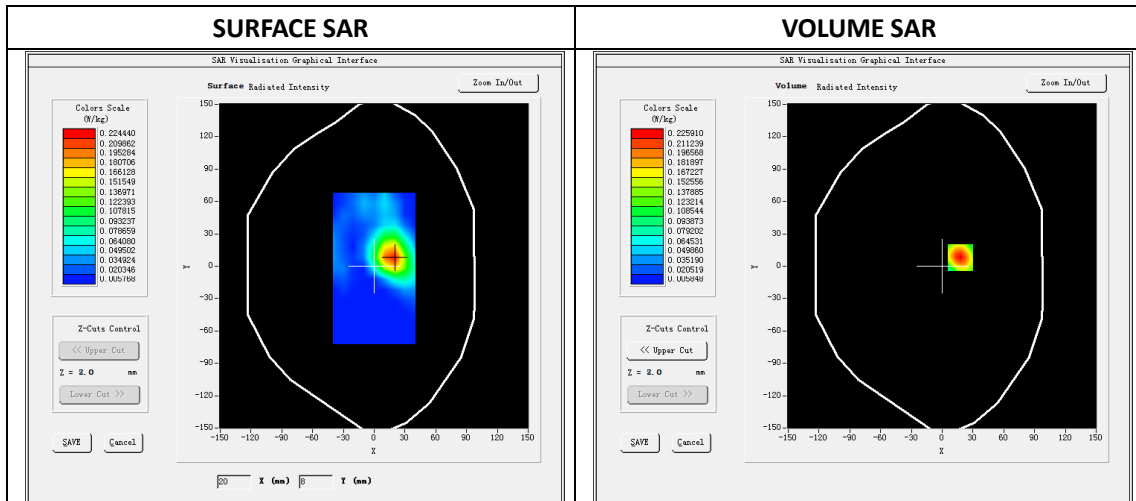
Type: Phone measurement
 Date of measurement: 12/14/2019
 Measurement duration: 22 minutes 45 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|------------------------|------------------------------|
| Area Scan | dx=4mm,dy=4mm |
| ZoomScan | 7x7x12,dx=4m, dy=4mm, dz=2mm |
| Phantom | Validation plane |
| Device Position | Face |
| Band | WIFI 5G |
| Channels | 165 |
| Signal | OFDM (Duty cycle: 1:1) |

B. SAR Measurement Results

| | |
|---|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 5825 |
| Relative permittivity (real part) | 48.65 |
| Relative permittivity (imaginary part) | 18.59 |
| Conductivity (S/m) | 5.99 |
| Variation (%) | -3.91 |
| ConvF: | 2.21 |

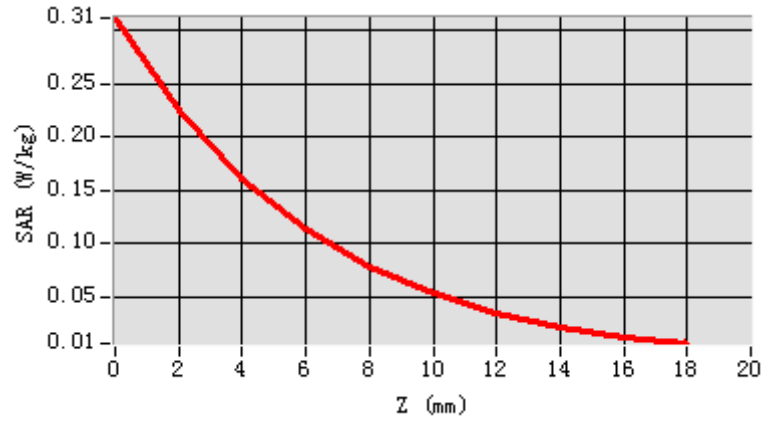


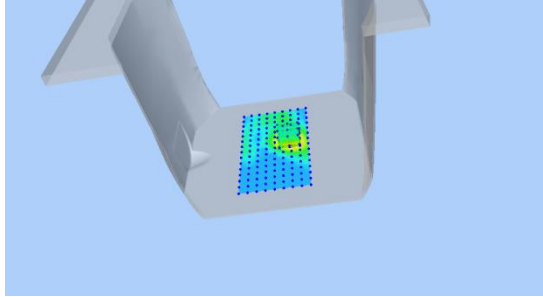
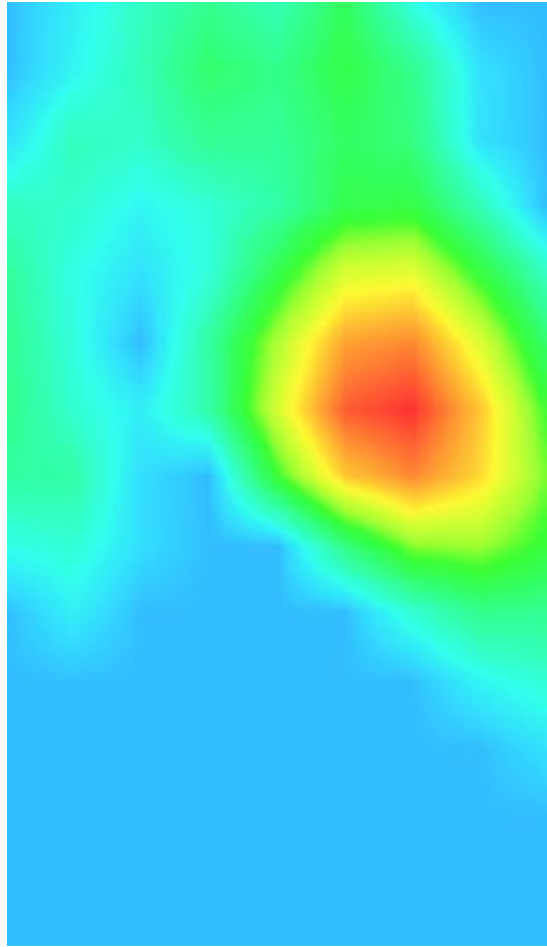
Maximum location: X=18.00 Y=8.00

SAR Peak: 0.31 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.067031 |
| SAR 1g (W/Kg) | 0.150272 |

| Z (mm) | 0.00 | 2.00 | 4.00 | 6.00 | 8.00 | 10.00 | 12.00 | 14.00 | 16.00 |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.3121 | 0.2259 | 0.1612 | 0.1129 | 0.0781 | 0.0529 | 0.0348 | 0.0217 | 0.0124 |



| 3D screen shot | Hot spot position |
|---|--|
|  |  |

Plot 34: CDMA BC0, Right Cheek, Middle

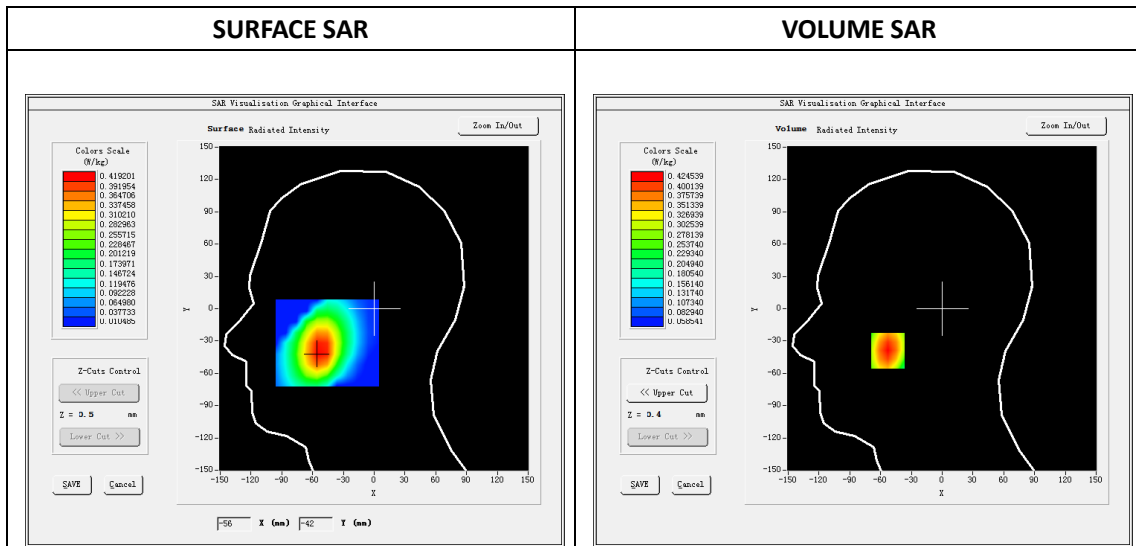
Type: Phone measurement
 Date of measurement: 12/03/2019
 Measurement duration: 22 minutes 44 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|-----------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| ZoomScan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Right Cheek |
| Band | CDMA BC0 |
| Channels | 384 |
| Signal | CDMA(Duty cycle: 1:1) |

B. SAR Measurement Results

| | |
|--|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 836.5 |
| Relative permittivity (real part) | 41.63 |
| Relative permittivity (imaginary part) | 20.05 |
| Conductivity (S/m) | 0.93 |
| Variation (%) | -1.31 |
| ConvF: | 1.92 |

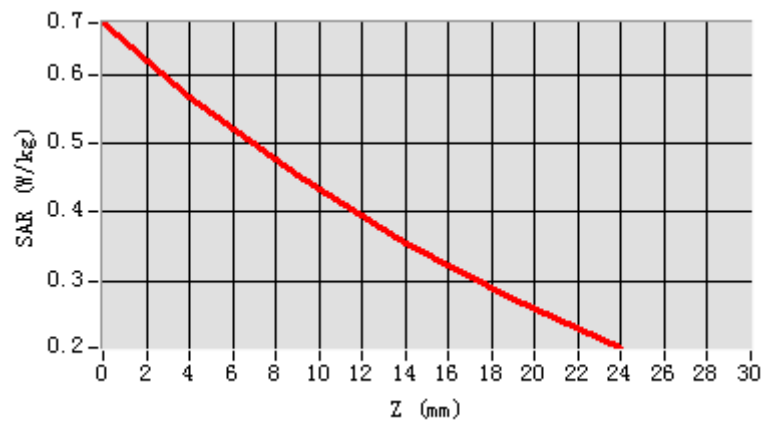


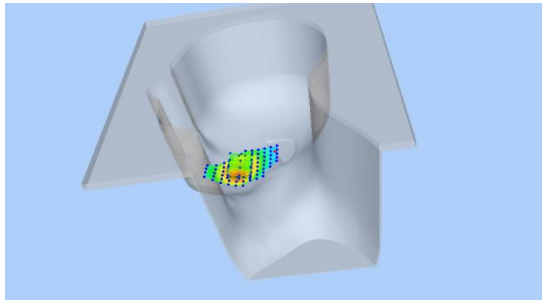
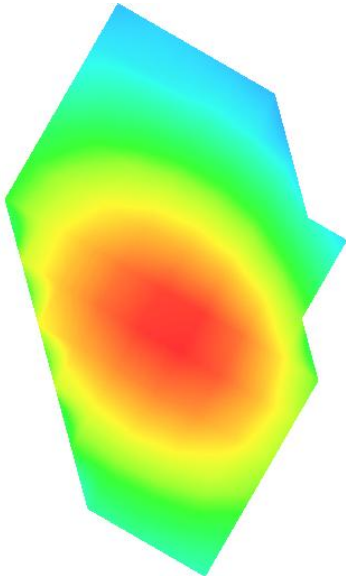
Maximum location: X=-53.00, Y=-39.00

SAR Peak: 0.51W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.294285 |
| SAR 1g (W/Kg) | 0.406523 |

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
|------------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 0.6743 | 0.5682 | 0.4530 | 0.3555 | 0.2733 |



| 3D screen shot | Hot spot position |
|--|---|
|  |  |

Plot 35: CDMA BC0, Back, Middle,10mm

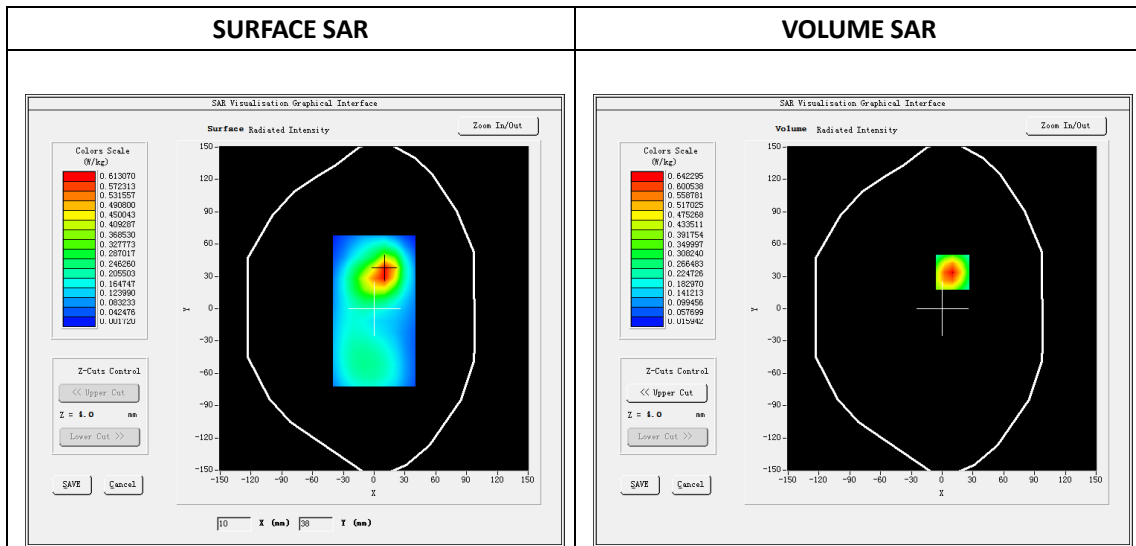
Type: Phone measurement
 Date of measurement: 12/03/2019
 Measurement duration: 22 minutes 47 seconds
 Mobile Phone IMEI number: --

A. Experimental conditions.

| | |
|------------------------|----------------------------|
| Area Scan | dx=8mm dy=8mm |
| ZoomScan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Back |
| Band | CDMA BC0 |
| Channels | 384 |
| Signal | QPSK(Duty cycle: 1:1) |

B. SAR Measurement Results

| | |
|---|-------------------------|
| E-Field Probe | SATIMO SN_27/15_EPG0261 |
| Frequency (MHz) | 836.5 |
| Relative permittivity (real part) | 55.42 |
| Relative permittivity (imaginary part) | 21.34 |
| Conductivity (S/m) | 0.99 |
| Variation (%) | -4.03 |
| ConvF: | 1.99 |

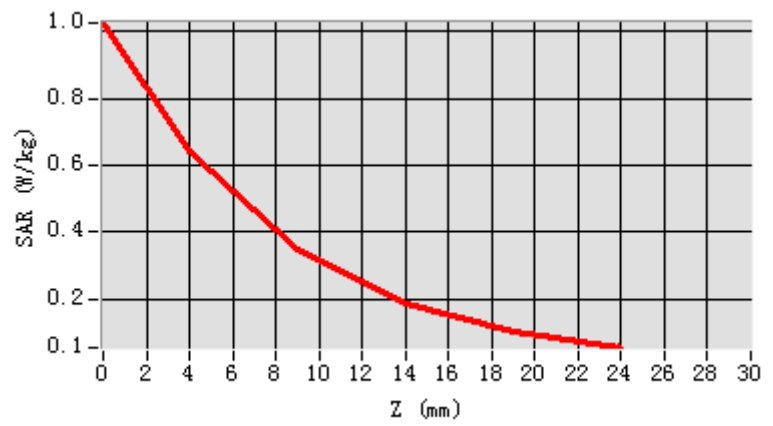


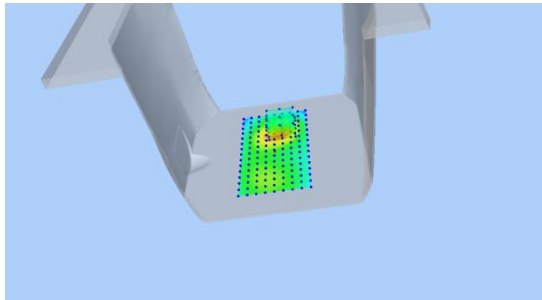
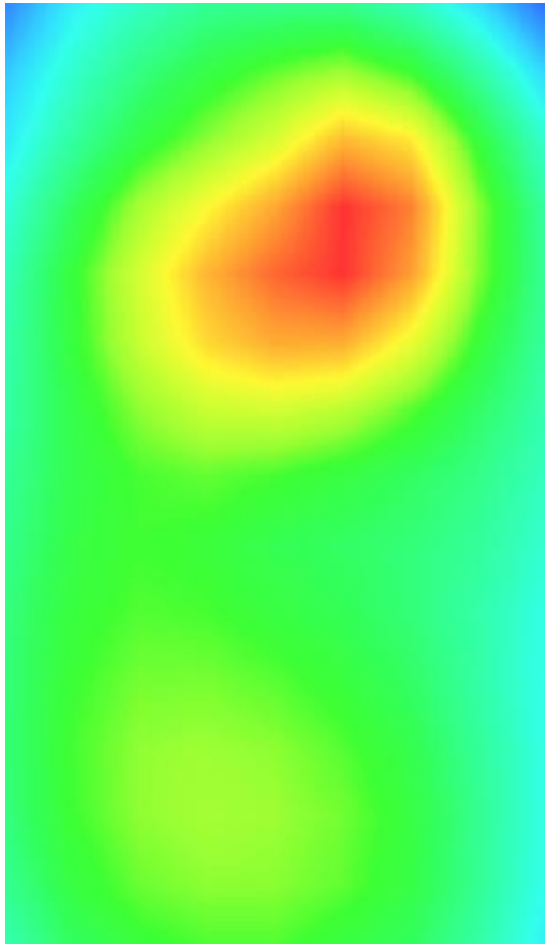
Maximum location: X=10.00, Y=34.00

SAR Peak: 1.03 W/kg

| | |
|-----------------------|----------|
| SAR 10g (W/Kg) | 0.333069 |
| SAR 1g (W/Kg) | 0.613819 |

| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
|------------|--------|--------|--------|--------|--------|
| SAR (W/Kg) | 1.0246 | 0.6423 | 0.3465 | 0.1863 | 0.1039 |



| 3D screen shot | Hot spot position |
|--|---|
|  |  |