



Annex B: Measurement Results

Tested Model: N5001L

Report Number: WSCT-R&E17040291A-SAR



Type: Phone measurement (Complete)

Date of measurement: 10/6/2017

Measurement duration: 8 minutes 21 seconds

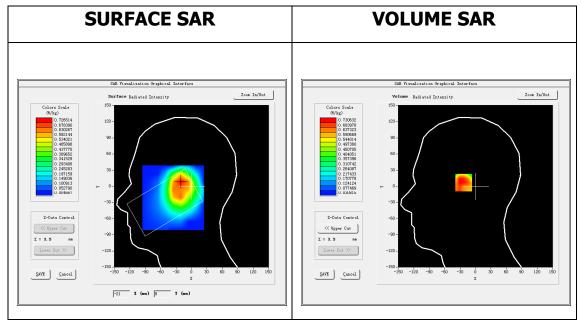
A. Experimental conditions.

| Area Scan | dx=15mm dy=15mm | |
|------------------------|--|--|
| <u>ZoomScan</u> | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete | |
| <u>Phantom</u> | <u>Right head</u> | |
| <u>Device Position</u> | <u>Cheek</u> | |
| <u>Band</u> | CUSTOM (GPRS850 4Tx) | |
| <u>Channels</u> | Low | |
| <u>Signal</u> | Duty Cycle: 2.00 (Crest factor: 2.0) | |
| Conversion factor | 4.93 | |

B. SAR Measurement Results

| Frequency (MHz) | 824.200012 |
|--|------------|
| Relative permittivity (real part) | 41.550823 |
| Relative permittivity (imaginary part) | 19.649035 |
| Conductivity (S/m) | 0.899707 |
| Variation (%) | 4.610000 |



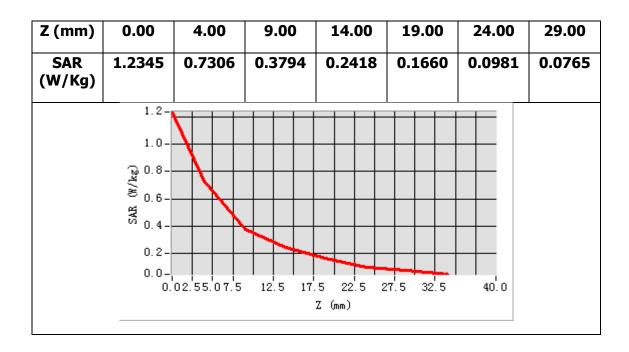


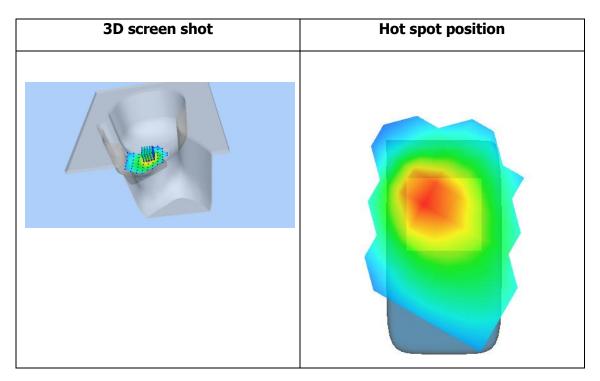
Maximum location: X=-20.00, Y=8.00

SAR Peak: 1.23 W/kg

| SAR 10g (W/Kg) | 0.428571 |
|----------------|----------|
| SAR 1g (W/Kg) | 0.734285 |









Rear-side-low

Type: Phone measurement (Complete)

Date of measurement: 10/6/2017

Measurement duration: 10 minutes 38 seconds

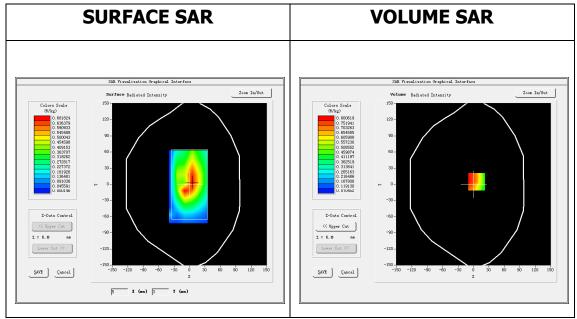
A. Experimental conditions.

| <u>Area Scan</u> | dx=15mm dy=15mm | |
|------------------------|--|--|
| <u>ZoomScan</u> | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete | |
| <u>Phantom</u> | <u>Validation plane</u> | |
| <u>Device Position</u> | <u>Body</u> | |
| <u>Band</u> | CUSTOM (GPRS850 4Tx) | |
| <u>Channels</u> | Low | |
| <u>Signal</u> | Duty Cycle: 2.00 (Crest factor: 2.0) | |
| Conversion factor | <u>5.07</u> | |

B. SAR Measurement Results

| Frequency (MHz) | 824.200012 |
|--|------------|
| Relative permittivity (real part) | 55.242077 |
| Relative permittivity (imaginary part) | 21.378187 |
| Conductivity (S/m) | 0.978883 |
| Variation (%) | 2.350000 |



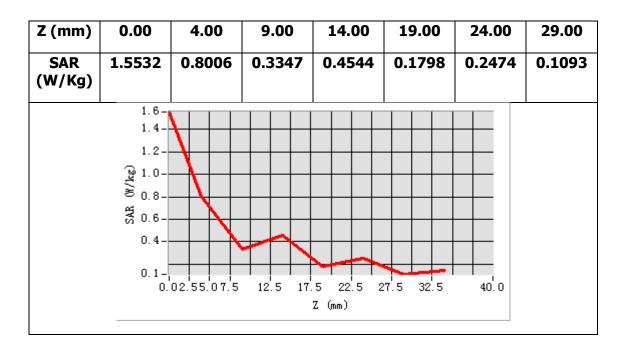


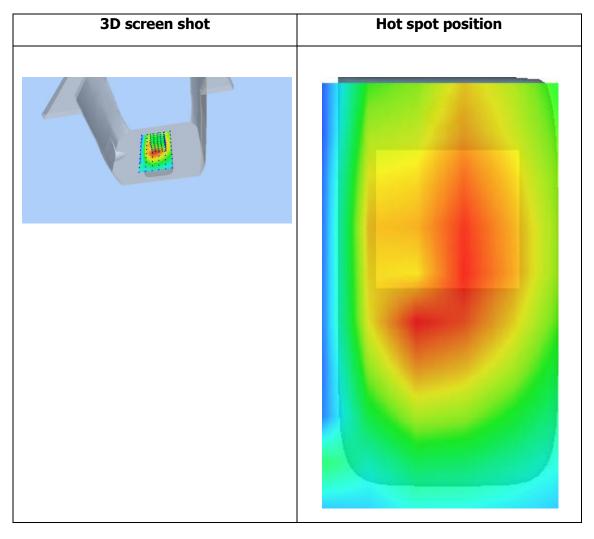
Maximum location: X=6.00, Y=5.00

SAR Peak: 1.06 W/kg

| SAR 10g (W/Kg) | 0.433015 |
|----------------|----------|
| SAR 1g (W/Kg) | 0.762906 |









Type: Phone measurement (Complete)

Date of measurement: 24/5/2017

Measurement duration: 8 minutes 11 seconds

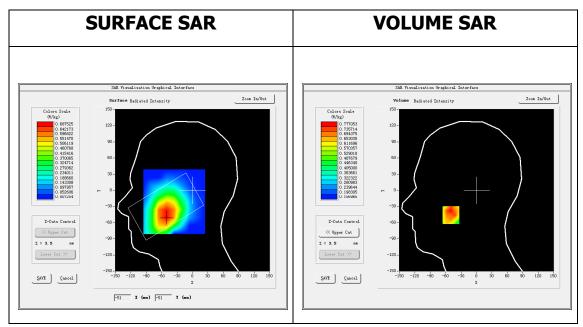
A. Experimental conditions.

| <u>Area Scan</u> | dx=15mm dy=15mm | |
|------------------------|--|--|
| <u>ZoomScan</u> | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete | |
| <u>Phantom</u> | <u>Right head</u> | |
| <u>Device Position</u> | <u>Cheek</u> | |
| <u>Band</u> | CUSTOM (GPRS1900 4Tx) | |
| <u>Channels</u> | <u>Middle</u> | |
| <u>Signal</u> | Duty Cycle: 2.00 (Crest factor: 2.0) | |
| Conversion factor | <u>4.63</u> | |

B. SAR Measurement Results

| Frequency (MHz) | 1880.000000 |
|--|-------------|
| Relative permittivity (real part) | 39.914200 |
| Relative permittivity (imaginary part) | 13.434300 |
| Conductivity (S/m) | 1.403138 |
| Variation (%) | 0.290000 |



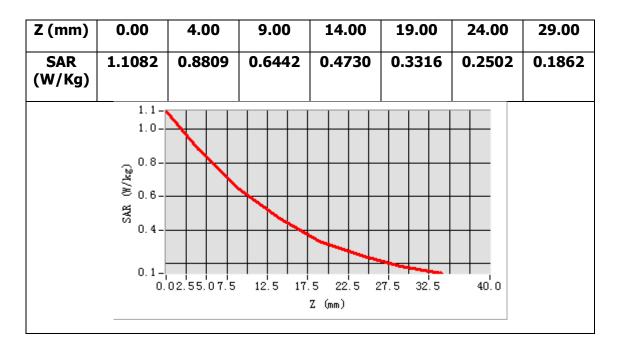


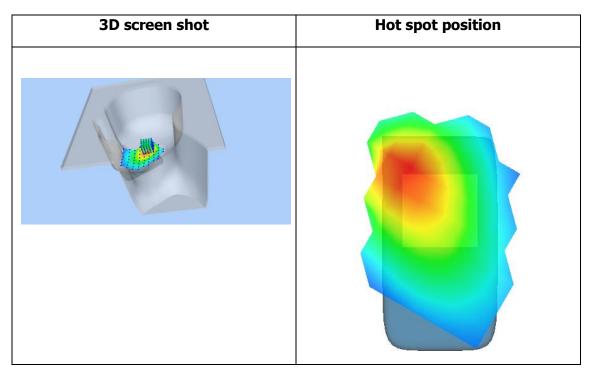
Maximum location: X=-50.00, Y=-46.00

SAR Peak: 1.11 W/kg

| SAR 10g (W/Kg) | 0.585147 |
|----------------|----------|
| SAR 1g (W/Kg) | 0.666552 |









Rear-side-middle

Type: Phone measurement (Complete)

Date of measurement: 24/5/2017

Measurement duration: 8 minutes 39 seconds

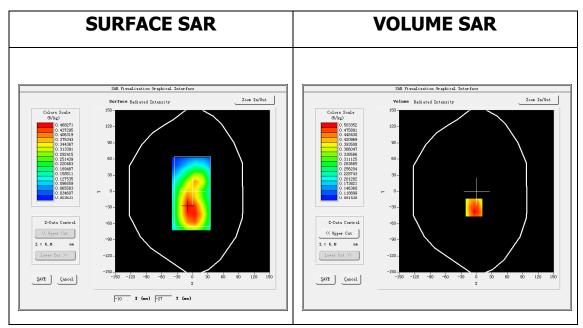
A. Experimental conditions.

| <u>Area Scan</u> | dx=15mm dy=15mm | |
|------------------------|--|--|
| <u>ZoomScan</u> | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete | |
| <u>Phantom</u> | <u>Validation plane</u> | |
| <u>Device Position</u> | <u>Body</u> | |
| <u>Band</u> | CUSTOM (GPRS1900 4Tx) | |
| <u>Channels</u> | <u>Middle</u> | |
| <u>Signal</u> | Duty Cycle: 2.00 (Crest factor: 2.0) | |
| Conversion factor | 4.78 | |

B. SAR Measurement Results

| Frequency (MHz) | 1880.000000 |
|--|-------------|
| Relative permittivity (real part) | 53.356098 |
| Relative permittivity (imaginary part) | 14.668600 |
| Conductivity (S/m) | 1.532054 |
| Variation (%) | 3.280000 |



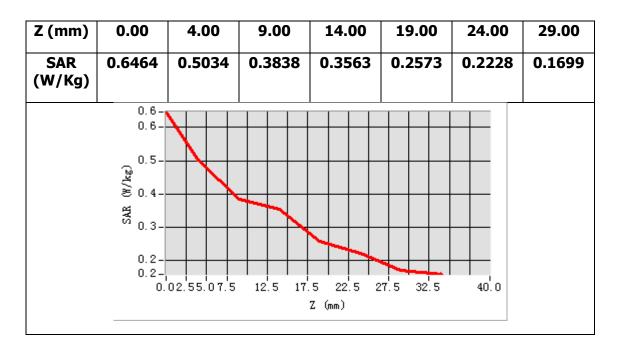


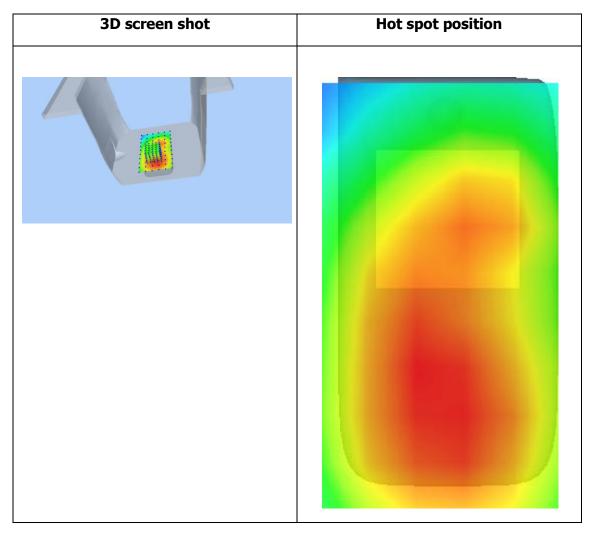
Maximum location: X=-5.00, Y=-30.00

SAR Peak: 0.64 W/kg

| SAR 10g (W/Kg) | 0.379376 |
|----------------|----------|
| SAR 1g (W/Kg) | 0.495274 |









Type: Phone measurement (Complete)

Date of measurement: 24/5/2017

Measurement duration: 8 minutes 7 seconds

A. Experimental conditions.

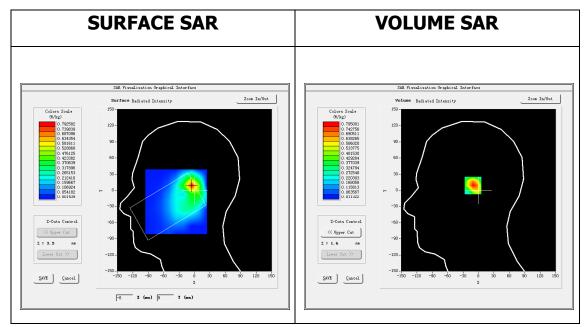
| <u>Area Scan</u> | dx=15mm dy=15mm |
|------------------------|--|
| <u>ZoomScan</u> | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| <u>Phantom</u> | <u>Right head</u> |
| <u>Device Position</u> | <u>Tilt</u> |
| <u>Band</u> | Band2 WCDMA1900 |
| <u>Channels</u> | Low |
| <u>Signal</u> | Duty cycle:1:1 |
| Conversion factor | <u>4.78</u> |

B. SAR Measurement Results

Lower Band SAR (Channel 9262):

| Frequency (MHz) | 1852.400024 |
|--|-------------|
| Relative permittivity (real part) | 39.843739 |
| Relative permittivity (imaginary part) | 13.323660 |
| Conductivity (S/m) | 1.371153 |
| Variation (%) | 3.910000 |



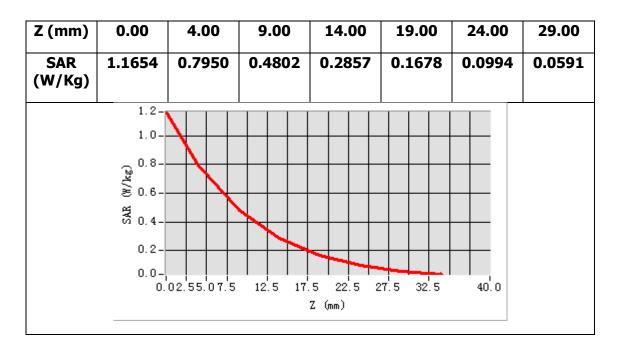


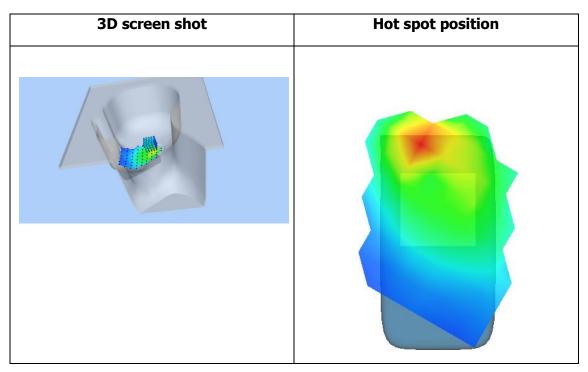
Maximum location: X=-6.00, Y=9.00

SAR Peak: 1.18 W/kg

| SAR 10g (W/Kg) | 0.404375 |
|----------------|----------|
| SAR 1g (W/Kg) | 0.644056 |









Top-side-low

Type: Phone measurement (Complete)

Date of measurement: 24/5/2017

Measurement duration: 10 minutes 12 seconds

A. Experimental conditions.

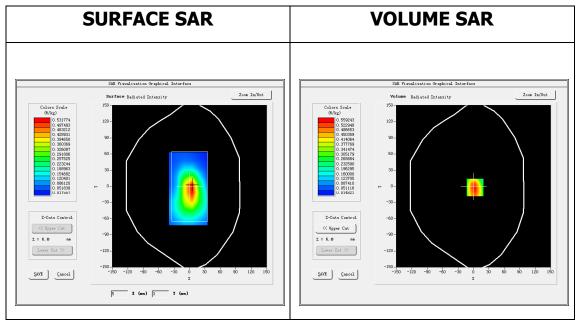
| <u>Area Scan</u> | dx=15mm dy=15mm |
|------------------------|--|
| <u>ZoomScan</u> | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete |
| <u>Phantom</u> | <u>Validation plane</u> |
| <u>Device Position</u> | <u>Body</u> |
| <u>Band</u> | Band2 WCDMA1900 |
| <u>Channels</u> | <u>Low</u> |
| <u>Signal</u> | Duty cycle:1:1 |
| Conversion factor | <u>4.63</u> |

B. SAR Measurement Results

Lower Band SAR (Channel 9262):

| Frequency (MHz) | 1852.400024 |
|--|-------------|
| Relative permittivity (real part) | 53.256340 |
| Relative permittivity (imaginary part) | 14.499960 |
| Conductivity (S/m) | 1.492207 |
| Variation (%) | 0.170000 |



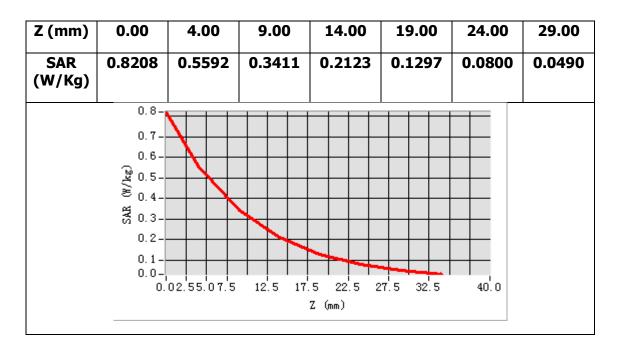


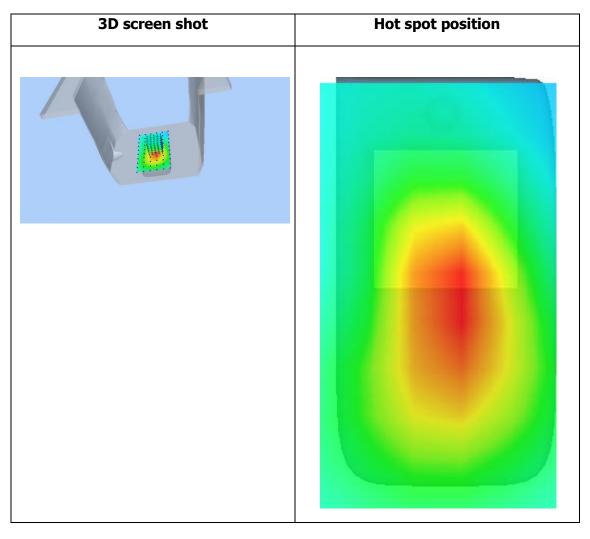
Maximum location: X=3.00, Y=-2.00

SAR Peak: 0.82 W/kg

| SAR 10g (W/Kg) | 0.308015 |
|----------------|----------|
| SAR 1g (W/Kg) | 0.633292 |









Type: Phone measurement (Complete)

Date of measurement: 15/6/2017

Measurement duration: 10 minutes 16 seconds

A. Experimental conditions.

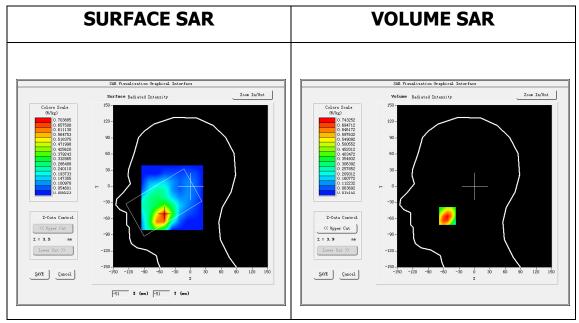
| <u>Area Scan</u> | dx=15mm dy=15mm | |
|------------------------|--|--|
| <u>ZoomScan</u> | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete | |
| <u>Phantom</u> | <u>Left head</u> | |
| <u>Device Position</u> | <u>Cheek</u> | |
| <u>Band</u> | Band4 WCDMA1700 | |
| <u>Channels</u> | <u>High</u> | |
| <u>Signal</u> | Duty cycle:1:1 | |
| Conversion factor | <u>4.01</u> | |

B. SAR Measurement Results

Middle Band SAR (Channel 1513):

| Frequency (MHz) | 1752.600000 |
|--|-------------|
| Relative permittivity (real part) | 39.768299 |
| Relative permittivity (imaginary part) | 14.198700 |
| Conductivity (S/m) | 1.366230 |
| Variation (%) | 1.300000 |



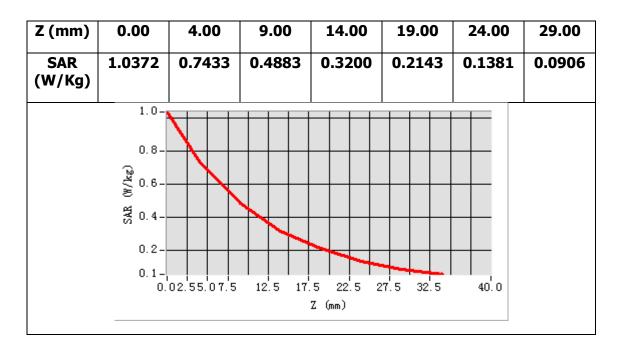


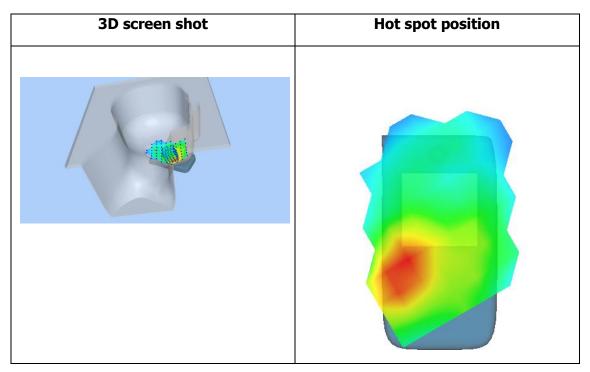
Maximum location: X=-53.00, Y=-55.00

SAR Peak: 1.08 W/kg

| SAR 10g (W/Kg) | 0.297540 |
|----------------|----------|
| SAR 1g (W/Kg) | 0.430169 |









Rear-side-middle

Type: Phone measurement (Complete)

Date of measurement: 15/6/2017

Measurement duration: 10 minutes 50 seconds

A. Experimental conditions.

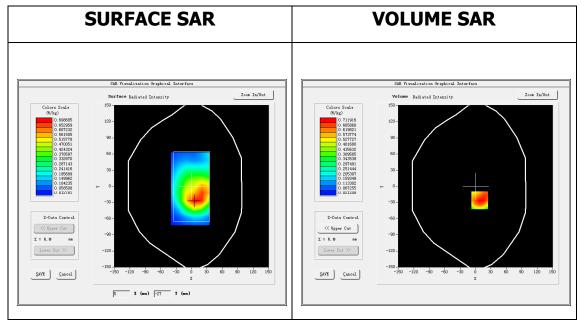
| Area Scan | dx=15mm dy=15mm | |
|------------------------|--|--|
| <u>ZoomScan</u> | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete | |
| <u>Phantom</u> | <u>Validation plane</u> | |
| <u>Device Position</u> | <u>Body</u> | |
| <u>Band</u> | Band4 WCDMA1700 | |
| <u>Channels</u> | <u>High</u> | |
| <u>Signal</u> | Duty cycle:1:1 | |
| Conversion factor | <u>4.16</u> | |

B. SAR Measurement Results

Middle Band SAR (Channel 1513):

| Frequency (MHz) | 1752.600000 |
|--|-------------|
| Relative permittivity (real part) | 53.306900 |
| Relative permittivity (imaginary part) | 15.297200 |
| Conductivity (S/m) | 1.471931 |
| Variation (%) | -0.630000 |



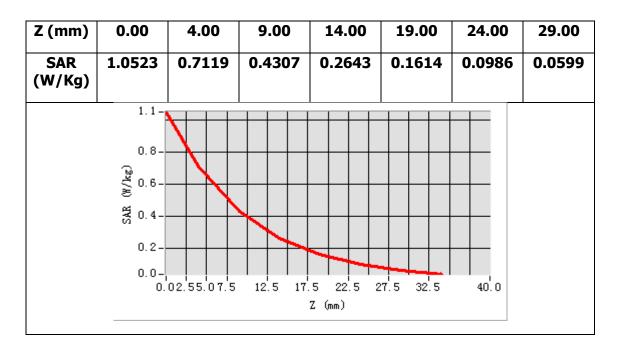


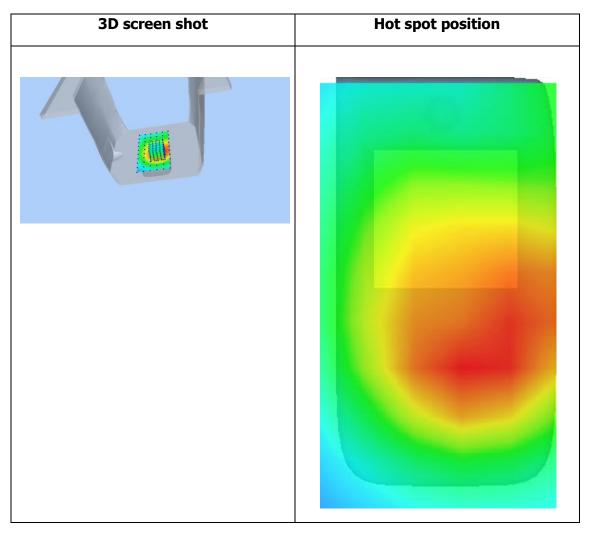
Maximum location: X=8.00, Y=-26.00

SAR Peak: 1.06 W/kg

| SAR 10g (W/Kg) | 0.337276 |
|----------------|----------|
| SAR 1g (W/Kg) | 0.485295 |









Type: Phone measurement (Complete)

Date of measurement: 10/6/2017

Measurement duration: 8 minutes 12 seconds

A. Experimental conditions.

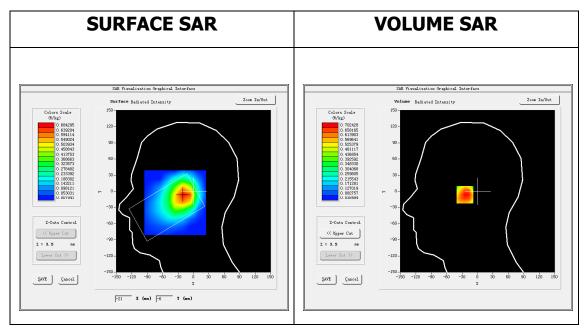
| <u>Area Scan</u> | dx=15mm dy=15mm | |
|------------------------|--|--|
| <u>ZoomScan</u> | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete | |
| <u>Phantom</u> | <u>Left head</u> | |
| <u>Device Position</u> | <u>Cheek</u> | |
| <u>Band</u> | Band5 WCDMA850 | |
| <u>Channels</u> | <u>Middle</u> | |
| <u>Signal</u> | Duty cycle:1:1 | |
| Conversion factor | <u>4.93</u> | |

B. SAR Measurement Results

Middle Band SAR (Channel 4182):

| Frequency (MHz) | 836.400024 |
|--|------------|
| Relative permittivity (real part) | 40.234680 |
| Relative permittivity (imaginary part) | 19.852501 |
| Conductivity (S/m) | 0.922480 |
| Variation (%) | 0.860000 |



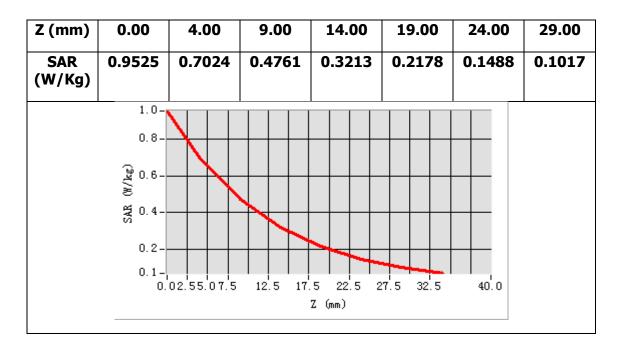


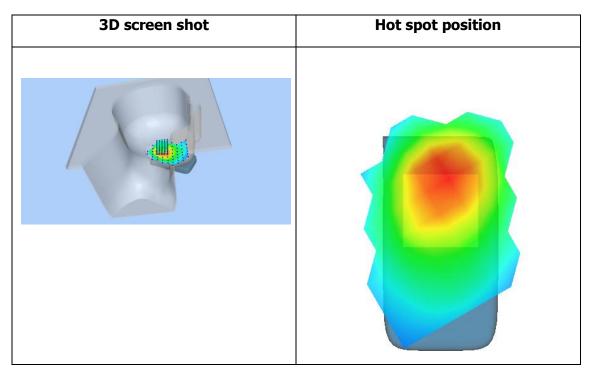
Maximum location: X=-19.00, Y=-6.00

SAR Peak: 1.00 W/kg

| SAR 10g (W/Kg) | 0.446988 |
|----------------|----------|
| SAR 1g (W/Kg) | 0.697497 |









Rear-side-middle

Type: Phone measurement (Complete)

Date of measurement: 10/6/2017

Measurement duration: 10 minutes 1 seconds

A. Experimental conditions.

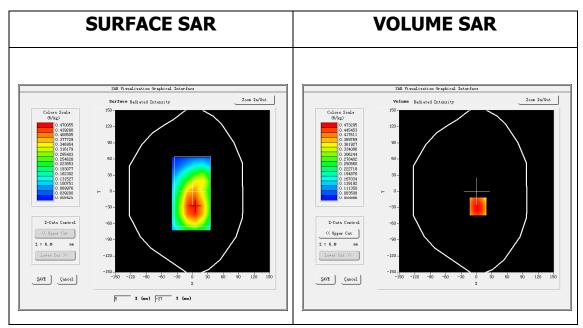
| <u>Area Scan</u> | dx=15mm dy=15mm | |
|------------------------|--|--|
| <u>ZoomScan</u> | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete | |
| <u>Phantom</u> | <u>Validation plane</u> | |
| <u>Device Position</u> | <u>Body</u> | |
| <u>Band</u> | Band5 WCDMA850 | |
| <u>Channels</u> | <u>Middle</u> | |
| <u>Signal</u> | Duty cycle:1:1 | |
| Conversion factor | <u>5.07</u> | |

B. SAR Measurement Results

Middle Band SAR (Channel 4182):

| Frequency (MHz) | 836.400024 |
|--|------------|
| Relative permittivity (real part) | 53.916260 |
| Relative permittivity (imaginary part) | 21.316219 |
| Conductivity (S/m) | 0.990494 |
| Variation (%) | 2.400000 |



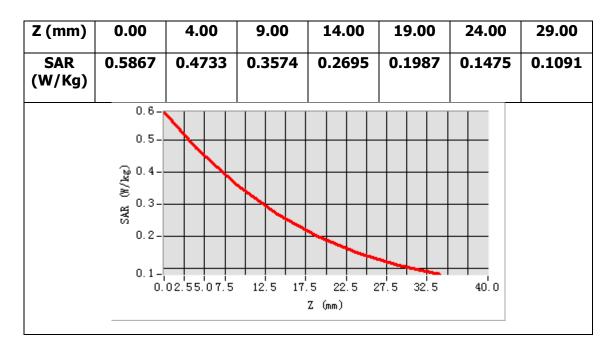


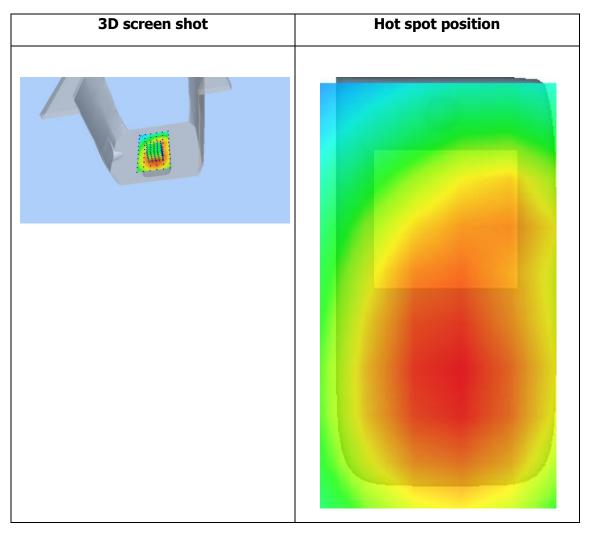
Maximum location: X=3.00, Y=-28.00

SAR Peak: 0.59 W/kg

| SAR 10g (W/Kg) | 0.336590 |
|----------------|----------|
| SAR 1g (W/Kg) | 0.467948 |









20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 24/5/2017

Measurement duration: 8 minutes 6 seconds

A. Experimental conditions.

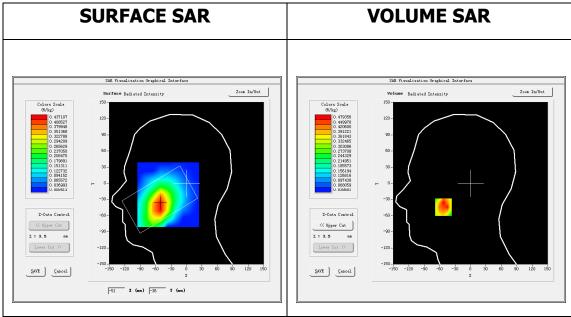
| <u>Area Scan</u> | dx=15mm dy=15mm | |
|------------------------|--|--|
| <u>ZoomScan</u> | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete | |
| <u>Phantom</u> | Right head | |
| <u>Device Position</u> | <u>Cheek</u> | |
| <u>Band</u> | LTE band 2 | |
| <u>Channels</u> | <u>High</u> | |
| <u>Signal</u> | Duty cycle:1:1 | |
| Conversion factor | <u>4.63</u> | |

B. SAR Measurement Results

Higher Band SAR (Channel 19100):

| Frequency (MHz) | 1900.000000 |
|--|-------------|
| Relative permittivity (real part) | 39.982151 |
| Relative permittivity (imaginary part) | 13.318046 |
| Conductivity (S/m) | 1.411277 |
| Variation (%) | -0.430000 |

SATIMO 225, rue Pierre Rivoalon 29200 Brest - France Tel:+33 (0)2 98 05 13 34; Fax: +33 (0)2 98 05 53 87; www.satimo.com

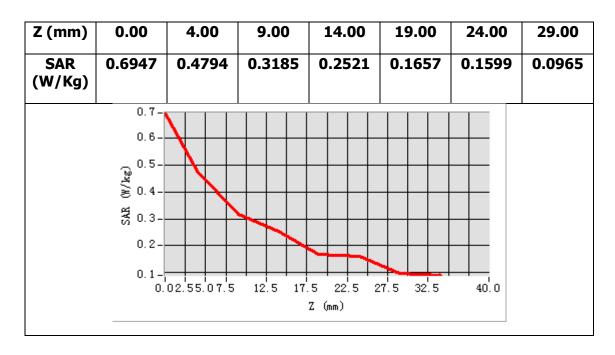


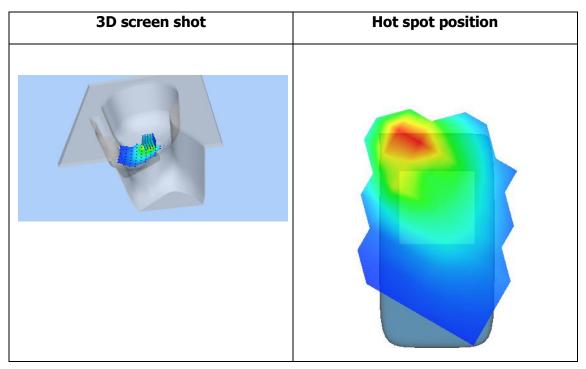
Maximum location: X=-53.00, Y=-44.00

SAR Peak: 0.69 W/kg

| SAR 10g (W/Kg) | 0.222687 |
|----------------|----------|
| SAR 1g (W/Kg) | 0.425654 |









Rear-side-20M-25RB#25-high

Type: Phone measurement (Complete)

Date of measurement: 24/5/2017

Measurement duration: 8 minutes 25 seconds

A. Experimental conditions.

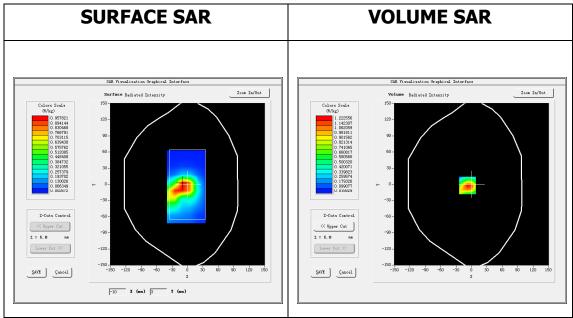
| <u>Area Scan</u> | dx=15mm dy=15mm | |
|------------------------|--|--|
| <u>ZoomScan</u> | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete | |
| <u>Phantom</u> | <u>Validation plane</u> | |
| <u>Device Position</u> | <u>Body</u> | |
| <u>Band</u> | LTE band 2 | |
| <u>Channels</u> | <u>High</u> | |
| <u>Signal</u> | Duty cycle:1:1 | |
| Conversion factor | <u>4.78</u> | |

B. SAR Measurement Results

Higher Band SAR (Channel 19100):

| Frequency (MHz) | 1900.000000 |
|--|-------------|
| Relative permittivity (real part) | 53.385151 |
| Relative permittivity (imaginary part) | 14.756100 |
| Conductivity (S/m) | 1.561277 |
| Variation (%) | 0.240000 |



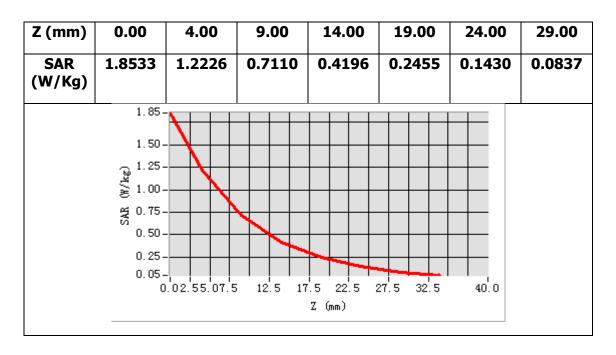


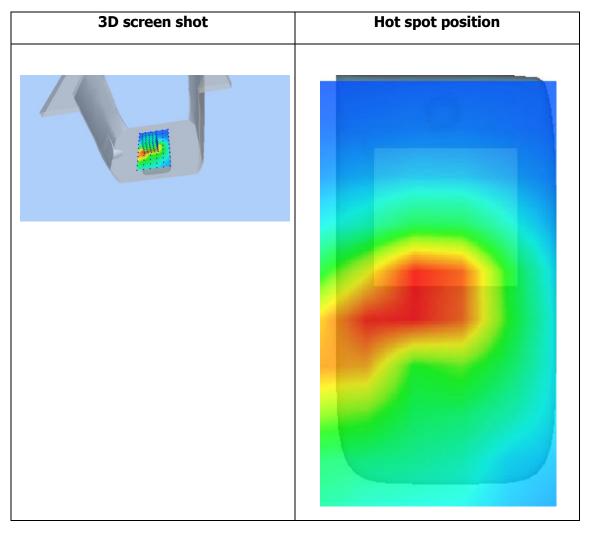
Maximum location: X=-8.00, Y=-2.00

SAR Peak: 1.96 W/kg

| SAR 10g (W/Kg) | 0.637972 |
|----------------|----------|
| SAR 1g (W/Kg) | 0.720328 |









20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 15/6/2017

Measurement duration: 8 minutes 9 seconds

A. Experimental conditions.

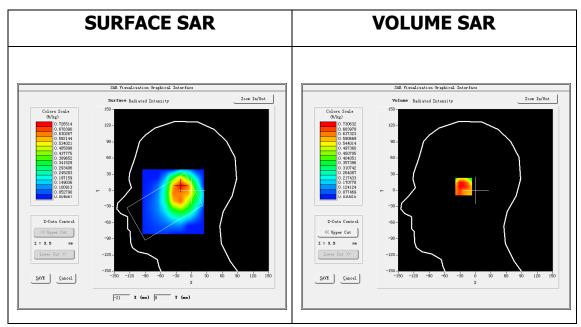
| <u>Area Scan</u> | dx=15mm dy=15mm | |
|------------------------|--|--|
| <u>ZoomScan</u> | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete | |
| <u>Phantom</u> | <u>Right head</u> | |
| <u>Device Position</u> | <u>Cheek</u> | |
| <u>Band</u> | LTE band 4 | |
| <u>Channels</u> | <u>High</u> | |
| <u>Signal</u> | Duty cycle:1:1 | |
| Conversion factor | 4.01 | |

B. SAR Measurement Results

Higher Band SAR (Channel 20300):

| Frequency (MHz) | 1745.000000 |
|--|-------------|
| Relative permittivity (real part) | 40.175499 |
| Relative permittivity (imaginary part) | 14.048900 |
| Conductivity (S/m) | 1.365475 |
| Variation (%) | 0.360000 |



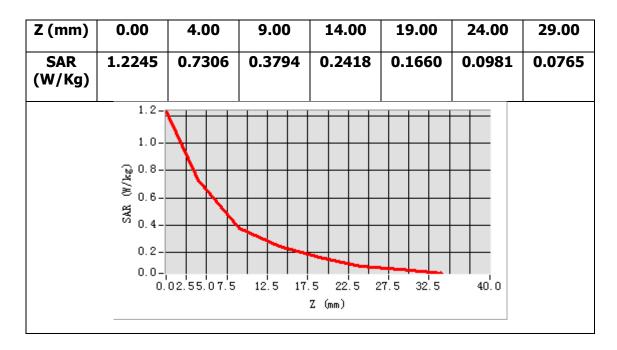


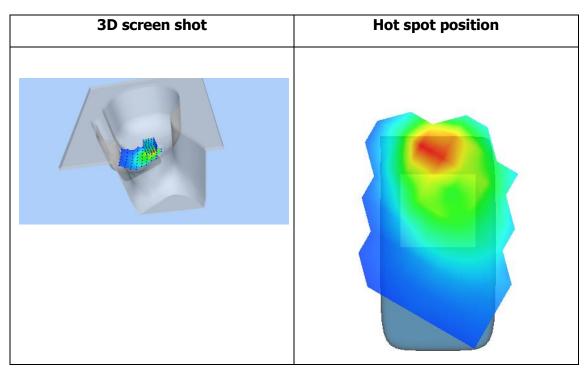
Maximum location: X=-20.00, Y=8.00

SAR Peak: 1.22 W/kg

| SAR 10g (W/Kg) | 0.470358 |
|----------------|----------|
| SAR 1g (W/Kg) | 0.705315 |









Rear-side-20M-1RB#99-high

Type: Phone measurement (Complete)

Date of measurement: 15/6/2017

Measurement duration: 8 minutes 16 seconds

A. Experimental conditions.

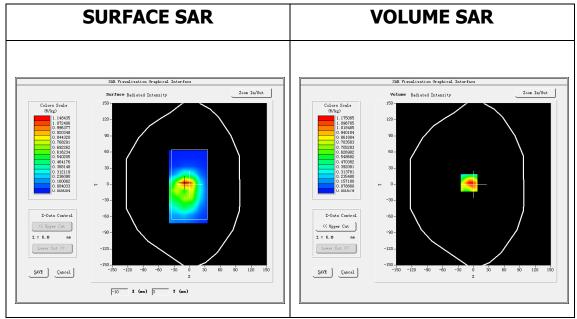
| <u>Area Scan</u> | dx=15mm dy=15mm | |
|------------------------|--|--|
| <u>ZoomScan</u> | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete | |
| <u>Phantom</u> | <u>Validation plane</u> | |
| <u>Device Position</u> | <u>Body</u> | |
| <u>Band</u> | LTE band 4 | |
| <u>Channels</u> | <u>High</u> | |
| <u>Signal</u> | Duty cycle:1:1 | |
| Conversion factor | <u>4.16</u> | |

B. SAR Measurement Results

Higher Band SAR (Channel 20300):

| Frequency (MHz) | 1745.000000 |
|--|-------------|
| Relative permittivity (real part) | 53.211948 |
| Relative permittivity (imaginary part) | 15.353750 |
| Conductivity (S/m) | 1.492299 |
| Variation (%) | -1.770000 |



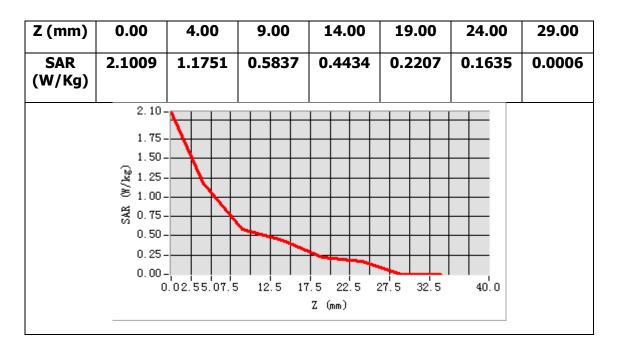


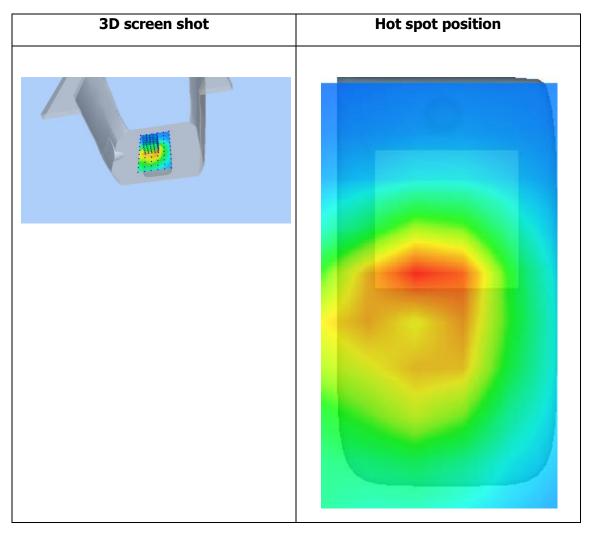
Maximum location: X=-9.00, Y=3.00

SAR Peak: 1.90 W/kg

| SAR 10g (W/Kg) | 0.522758 |
|----------------|----------|
| SAR 1g (W/Kg) | 0.700776 |









10M-25RB#25

ype: Phone measurement (Complete)

Date of measurement: 10/6/2017

Measurement duration: 8 minutes 9 seconds

A. Experimental conditions.

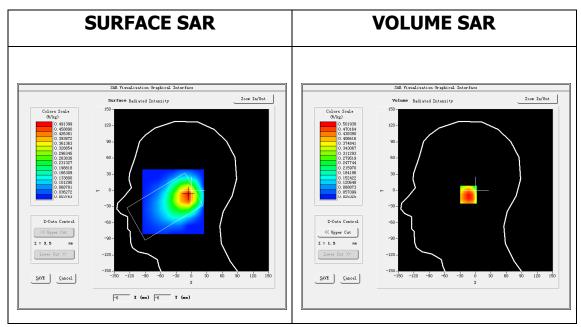
| <u>Area Scan</u> | dx=15mm dy=15mm | |
|------------------------|--|--|
| <u>ZoomScan</u> | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete | |
| <u>Phantom</u> | <u>Left head</u> | |
| <u>Device Position</u> | <u>Cheek</u> | |
| <u>Band</u> | LTE band 5 | |
| <u>Channels</u> | <u>High</u> | |
| <u>Signal</u> | Duty cycle:1:1 | |
| Conversion factor | <u>4.65</u> | |

B. SAR Measurement Results

Higher Band SAR (Channel 20600):

| Frequency (MHz) | 843.500000 |
|--|------------|
| Relative permittivity (real part) | 40.140049 |
| Relative permittivity (imaginary part) | 19.885000 |
| Conductivity (S/m) | 0.931833 |
| Variation (%) | -0.910000 |



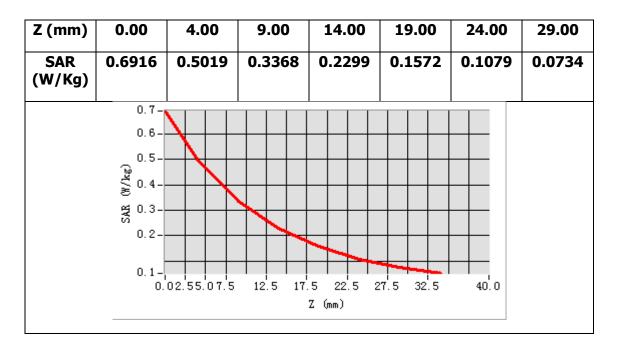


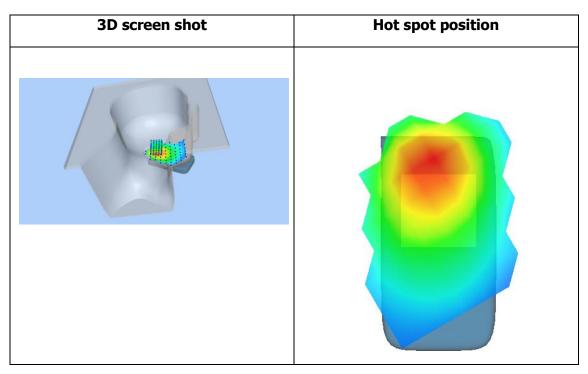
Maximum location: X=-7.00, Y=-8.00

SAR Peak: 0.72 W/kg

| SAR 10g (W/Kg) | 0.316846 |
|----------------|----------|
| SAR 1g (W/Kg) | 0.498574 |









Rear-side-10M-25RB#25-high

Type: Phone measurement (Complete)

Date of measurement: 10/6/2017

Measurement duration: 9 minutes 32 seconds

A. Experimental conditions.

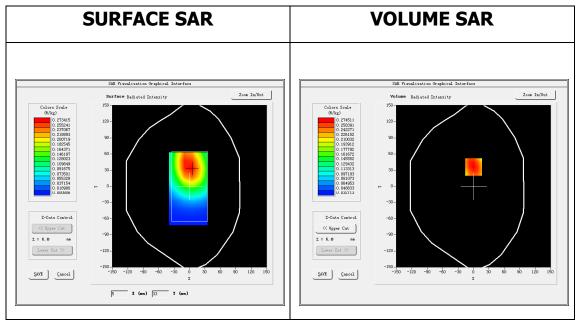
| <u>Area Scan</u> | dx=15mm dy=15mm | |
|------------------------|--|--|
| <u>ZoomScan</u> | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete | |
| <u>Phantom</u> | <u>Validation plane</u> | |
| <u>Device Position</u> | Body | |
| <u>Band</u> | LTE band 5 | |
| <u>Channels</u> | <u>High</u> | |
| <u>Signal</u> | Duty cycle:1:1 | |
| Conversion factor | <u>4.83</u> | |

B. SAR Measurement Results

Higher Band SAR (Channel 20600):

| Frequency (MHz) | 843.500000 |
|--|------------|
| Relative permittivity (real part) | 53.800152 |
| Relative permittivity (imaginary part) | 21.331751 |
| Conductivity (S/m) | 0.999630 |
| Variation (%) | -1.490000 |



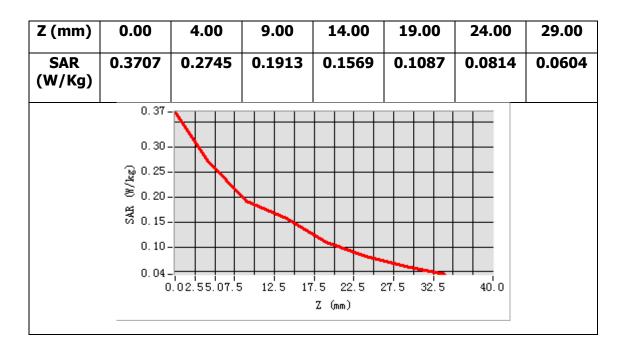


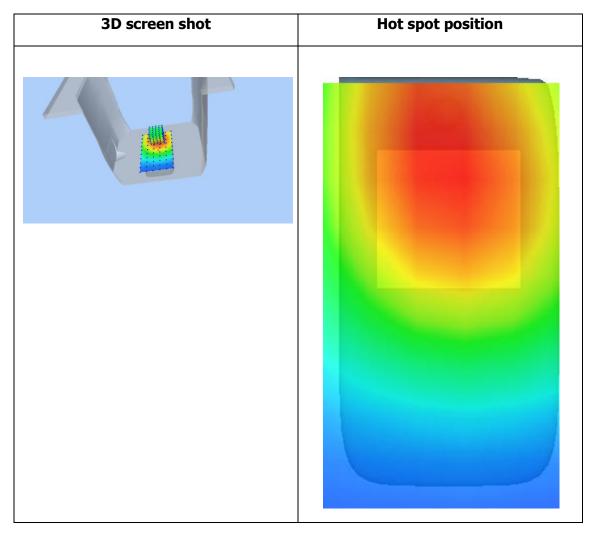
Maximum location: X=0.00, Y=36.00

SAR Peak: 0.37 W/kg

| SAR 10g (W/Kg) | 0.191748 |
|----------------|----------|
| SAR 1g (W/Kg) | 0.275318 |









20M-1RB#99

Type: Phone measurement (Complete)

Date of measurement: 8/6/2017

Measurement duration: 8 minutes 13 seconds

A. Experimental conditions.

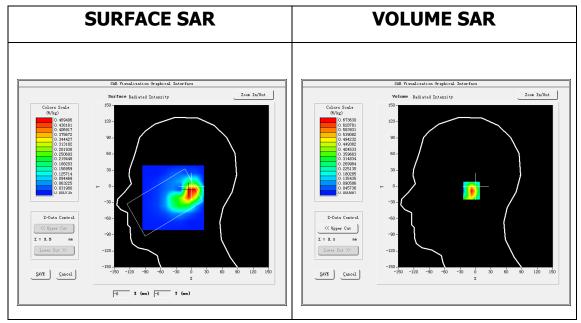
| <u>Area Scan</u> | dx=15mm dy=15mm | |
|------------------------|--|--|
| <u>ZoomScan</u> | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete | |
| <u>Phantom</u> | <u>Left head</u> | |
| <u>Device Position</u> | <u>Cheek</u> | |
| <u>Band</u> | LTE band 7 | |
| <u>Channels</u> | <u>Low</u> | |
| <u>Signal</u> | Duty cycle:1:1 | |
| Conversion factor | 4.0 | |

B. SAR Measurement Results

Higher Band SAR (Channel 20850):

| Frequency (MHz) | 2510.000000 |
|--|-------------|
| Relative permittivity (real part) | 38.582001 |
| Relative permittivity (imaginary part) | 13.554400 |
| Conductivity (S/m) | 1.927737 |
| Variation (%) | -0.510000 |



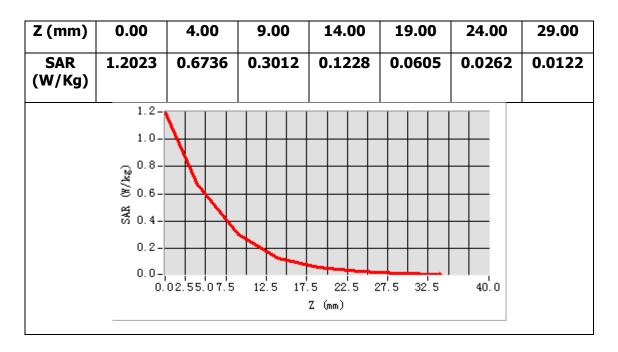


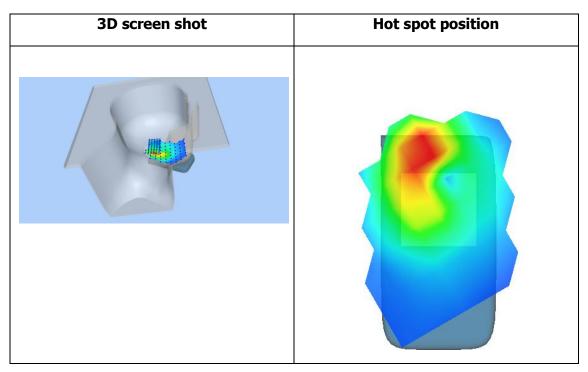
Maximum location: X=0.00, Y=-8.00

SAR Peak: 1.20 W/kg

| SAR 10g (W/Kg) | 0.405011 |
|----------------|----------|
| SAR 1g (W/Kg) | 0.647663 |









Top-side-20M-1RB#99-low

Type: Phone measurement (Complete)

Date of measurement: 8/6/2017

Measurement duration: 10 minutes 34 seconds

A. Experimental conditions.

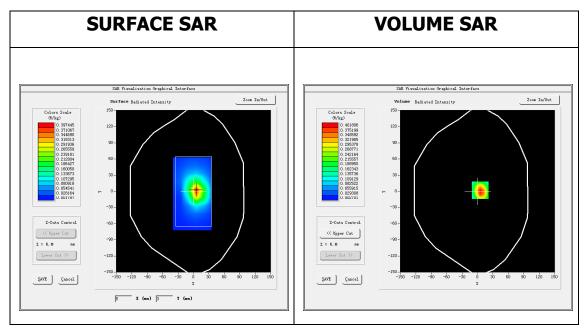
| <u>Area Scan</u> | dx=15mm dy=15mm | |
|------------------------|--|--|
| <u>ZoomScan</u> | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete | |
| <u>Phantom</u> | <u>Validation plane</u> | |
| <u>Device Position</u> | <u>Body</u> | |
| <u>Band</u> | LTE band 7 | |
| <u>Channels</u> | <u>Low</u> | |
| <u>Signal</u> | Duty cycle:1:1 | |
| Conversion factor | 4.11 | |

B. SAR Measurement Results

Lower Band SAR (Channel 20850):

| Frequency (MHz) | 2510.000000 |
|--|-------------|
| Relative permittivity (real part) | 52.502410 |
| Relative permittivity (imaginary part) | 14.481331 |
| Conductivity (S/m) | 2.021114 |
| Variation (%) | -1.530000 |



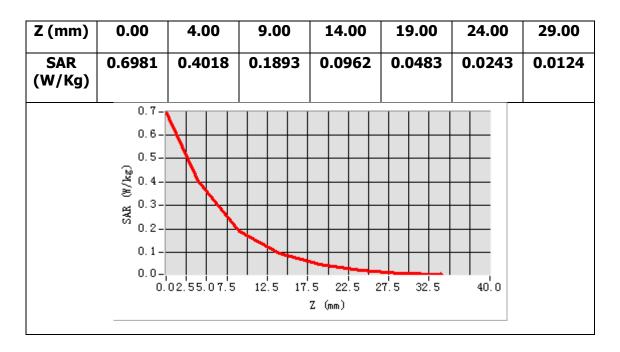


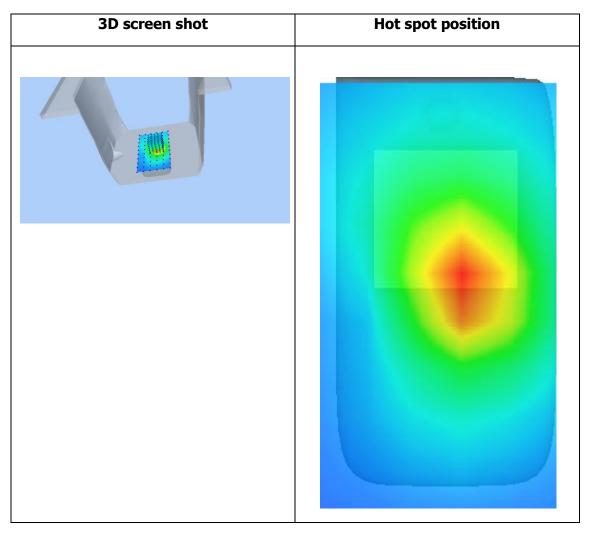
Maximum location: X=5.00, Y=2.00

SAR Peak: 0.70 W/kg

| SAR 10g (W/Kg) | 0.185984 |
|----------------|----------|
| SAR 1g (W/Kg) | 0.413202 |









Type: Phone measurement (Complete)

Date of measurement: 17/6/2017

Measurement duration: 12 minutes 32 seconds

A. Experimental conditions.

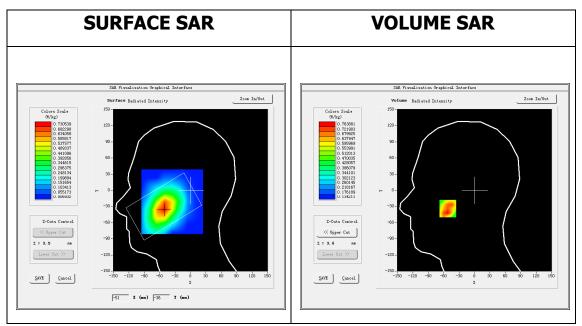
| <u>Area Scan</u> | dx=15mm dy=15mm | |
|------------------------|--|--|
| <u>ZoomScan</u> | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete | |
| <u>Phantom</u> | <u>Left head</u> | |
| <u>Device Position</u> | <u>Cheek</u> | |
| <u>Band</u> | <u>IEEE 802.11b ISM</u> | |
| <u>Channels</u> | <u>Middle</u> | |
| <u>Signal</u> | Duty cycle:1:1 | |
| Conversion factor | <u>4.11</u> | |

B. SAR Measurement Results

Middle Band SAR (Channel 6):

| Frequency (MHz) | 2437.000000 |
|--|-------------|
| Relative permittivity (real part) | 38.568100 |
| Relative permittivity (imaginary part) | 13.379800 |
| Conductivity (S/m) | 1.815193 |
| Variation (%) | 0.250000 |



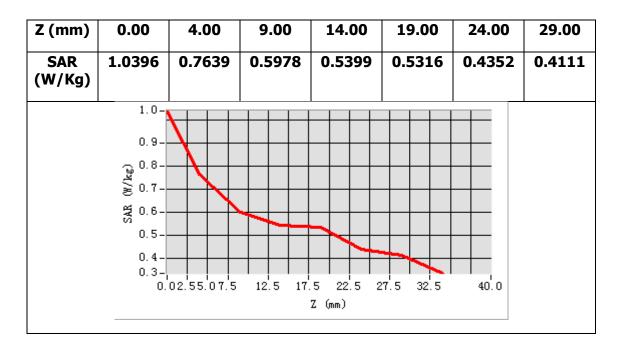


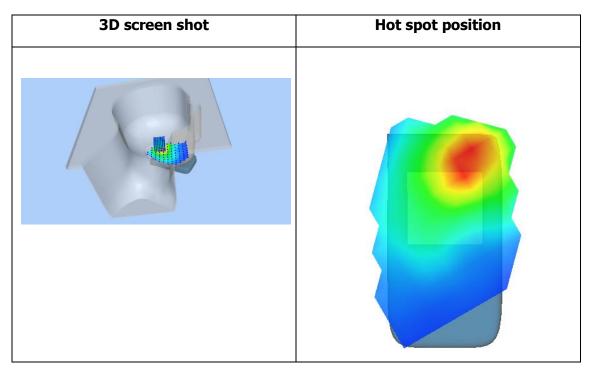
Maximum location: X=-52.00, Y=-34.00

SAR Peak: 0.96 W/kg

| SAR 10g (W/Kg) | 0.542057 |
|----------------|----------|
| SAR 1g (W/Kg) | 0.740863 |









Rear-side-middle

Type: Phone measurement (Complete)

Date of measurement: 17/6/2017

Measurement duration: 12 minutes 40 seconds

A. Experimental conditions.

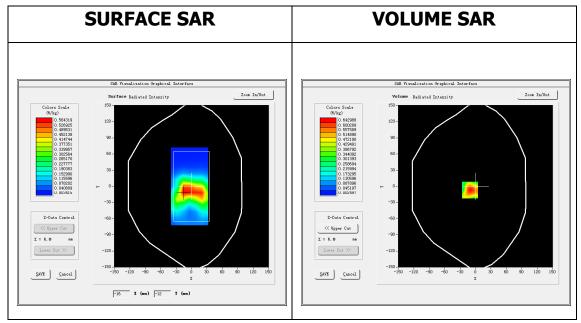
| <u>Area Scan</u> | dx=15mm dy=15mm | |
|------------------------|--|--|
| <u>ZoomScan</u> | 5x5x7,dx=8mm dy=8mm dz=5mm,Complete | |
| <u>Phantom</u> | <u>Validation plane</u> | |
| <u>Device Position</u> | Body | |
| <u>Band</u> | <u>IEEE 802.11b ISM</u> | |
| <u>Channels</u> | <u>Middle</u> | |
| <u>Signal</u> | Duty cycle:1:1 | |
| Conversion factor | <u>4.0</u> | |

B. SAR Measurement Results

Middle Band SAR (Channel 7):

| Frequency (MHz) | 2442.000000 |
|--|-------------|
| Relative permittivity (real part) | 52.756401 |
| Relative permittivity (imaginary part) | 14.076200 |
| Conductivity (S/m) | 1.909671 |
| Variation (%) | 1.830000 |





Maximum location: X=-11.00, Y=-7.00

SAR Peak: 1.10 W/kg

| SAR 10g (W/Kg) | 0.305689 |
|----------------|----------|
| SAR 1g (W/Kg) | 0.507865 |



