

## 11. SAR Test Data

GSM850

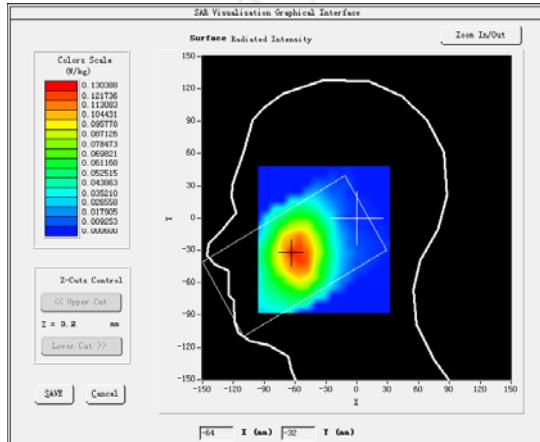
### MEASUREMENT 1

High Band SAR (Channel 251):

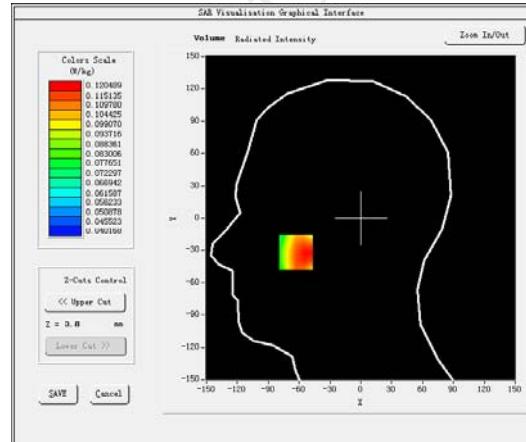
Date: 02/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 848.800000  |
| <b>Relative permittivity (real part)</b>      | 40.392154   |
| <b>Relative permittivity (imaginary part)</b> | 18.129852   |
| <b>Conductivity (S/m)</b>                     | 0.881254  |
| <b>Variation (%)</b>                          | 3.320000  |
| <b>Crest Factor:</b>                          | 8.3   |
| <b>Probe Conversion factor</b>                | 5.05  |
| <b>E-Field Probe:</b>                         | SSE5 (SN 07/15 EP248)   |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u><br><u>5.00 mm</u> |
| <b>Phantom</b>                                | <u>Right head</u>   |
| <b>Device Position</b>                        | <u>Cheek</u>  |
| <b>Band</b>                                   | GSM850(voice)   |

### SURFACE SAR

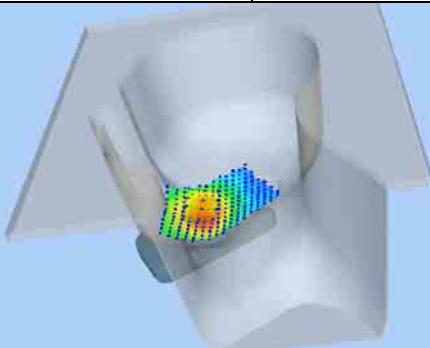


### VOLUME SAR



**Maximum location: X=-63.00, Y=-32.00 SAR Peak: 0.13 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.105940 |
| <b>SAR 1g (W/Kg)</b>  | 0.119954 |



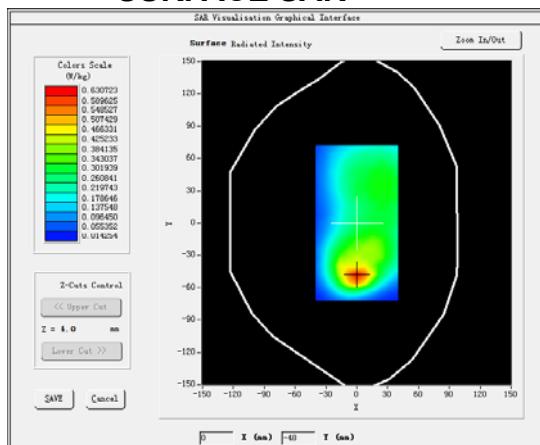
**MEASUREMENT 2**

High Band SAR (Channel 251):

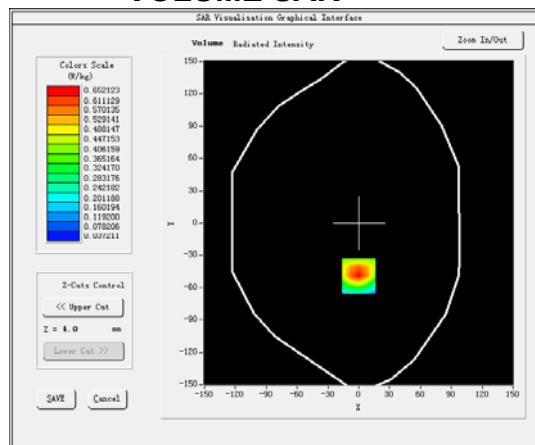
Date: 02/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 848.800000  |
| <b>Relative permittivity (real part)</b>      | 55.212077   |
| <b>Relative permittivity (imaginary part)</b> | 21.378187   |
| <b>Conductivity (S/m)</b>                     | 0.971188  |
| <b>Variation (%)</b>                          | 0.570000  |
| <b>Crest Factor:</b>                          | 8.3   |
| <b>Probe Conversion factor</b>                | 5.22  |
| <b>E-Field Probe:</b>                         | SSE5 (SN 07/15 EP248)   |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Validation plane</u>   |
| <b>Device Position</b>                        | <u>Body back</u>  |
| <b>Band</b>                                   | <u>GSM850(Voice)</u>  |

**SURFACE SAR**

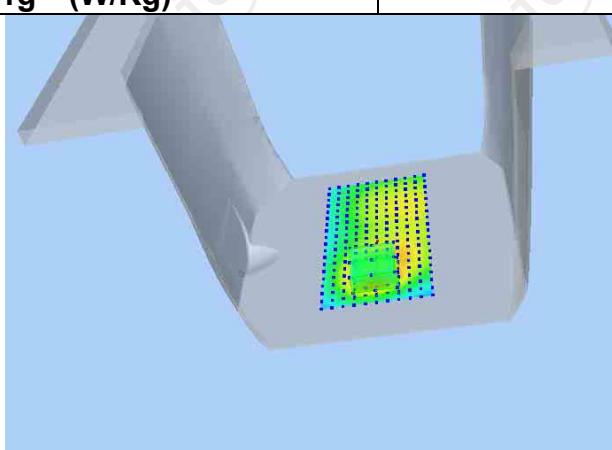


**VOLUME SAR**



**Maximum location: X=0.00, Y=-49.00 SAR Peak: 1.02 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.345169 |
| <b>SAR 1g (W/Kg)</b>  | 0.616570 |



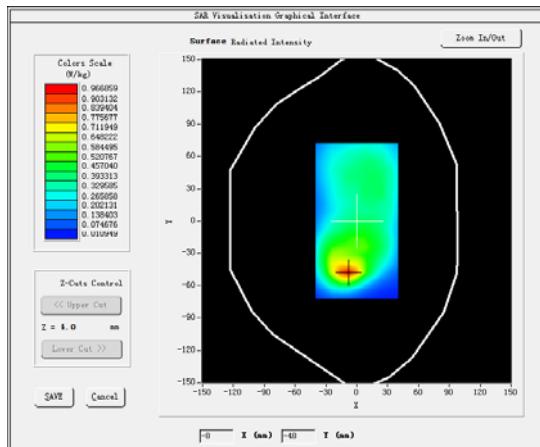
**MEASUREMENT 3**

Lower Band SAR (Channel 128):

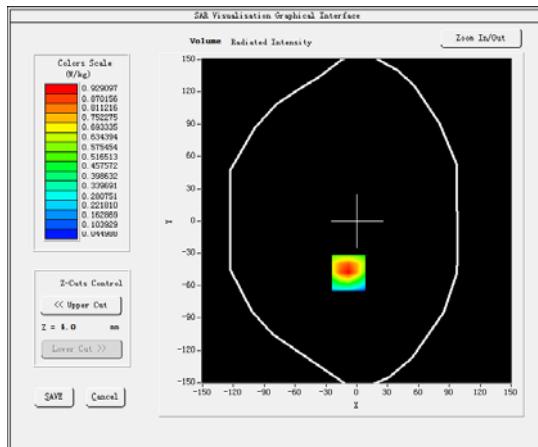
Date: 02/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 824.200000  |
| <b>Relative permittivity (real part)</b>      | 55.262145   |
| <b>Relative permittivity (imaginary part)</b> | 21.378187   |
| <b>Conductivity (S/m)</b>                     | 0.934587  |
| <b>Variation (%)</b>                          | -1.580000   |
| <b>Crest Factor:</b>                          | 2.0   |
| <b>Probe Conversion factor</b>                | 5.22  |
| <b>E-Field Probe:</b>                         | SSE5 (SN 07/15 EP248)   |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Validation plane</u>   |
| <b>Device Position</b>                        | <u>Body back</u>  |
| <b>Band</b>                                   | <u>GSM850(GPRS 4slot hotspot)</u>   |

**SURFACE SAR**



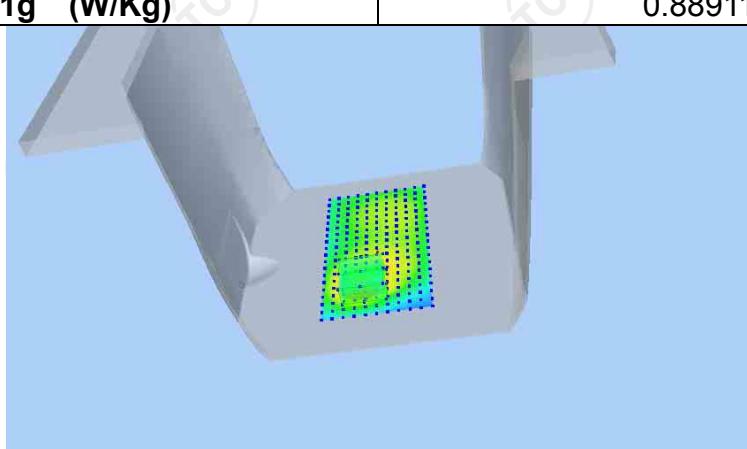
**VOLUME SAR**



Maximum location: X=-8.00, Y=-48.00 SAR Peak: 1.51 W/kg

SAR 10g (W/Kg) 0.484396

SAR 1g (W/Kg) 0.889118



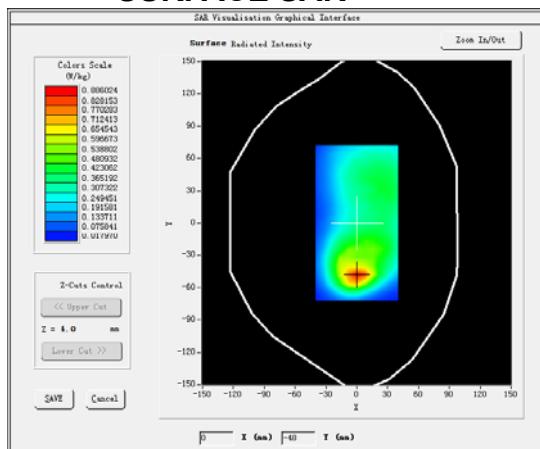
**MEASUREMENT 4**

Middle Band SAR (Channel 190):

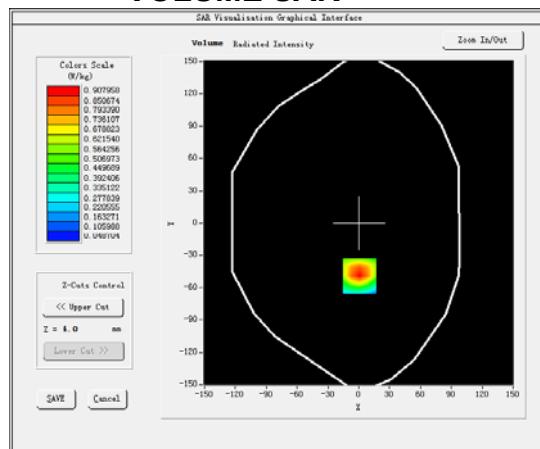
Date: 02/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 836.600000  |
| <b>Relative permittivity (real part)</b>      | 55.242077   |
| <b>Relative permittivity (imaginary part)</b> | 21.378187   |
| <b>Conductivity (S/m)</b>                     | 0.943587  |
| <b>Variation (%)</b>                          | 1.000000  |
| <b>Crest Factor:</b>                          | 2.0   |
| <b>Probe Conversion factor</b>                | 5.22  |
| <b>E-Field Probe:</b>                         | SSE5 (SN 07/15 EP248)   |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Validation plane</u>   |
| <b>Device Position</b>                        | <u>Body back</u>  |
| <b>Band</b>                                   | <u>GSM850(GPRS 4slot hotspot)</u>   |

**SURFACE SAR**

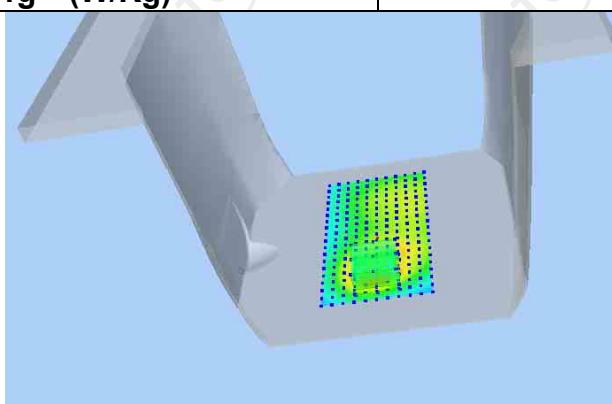


**VOLUME SAR**



Maximum location: X=1.00, Y=-49.00 SAR Peak: 1.47 W/kg

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.470838 |
| <b>SAR 1g (W/Kg)</b>  | 0.863918 |



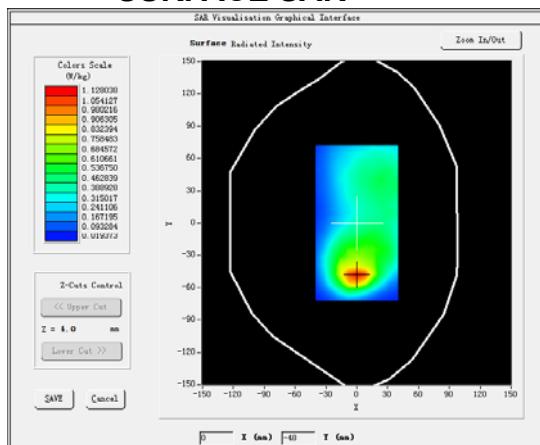
**MEASUREMENT 5**

Higher Band SAR (Channel251):

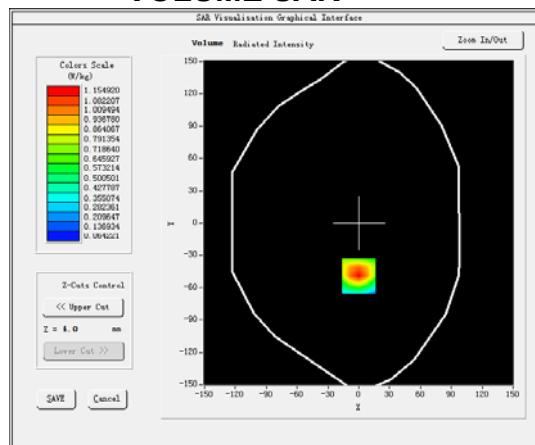
Date: 02/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 848.800000  |
| <b>Relative permittivity (real part)</b>      | 55.212077   |
| <b>Relative permittivity (imaginary part)</b> | 21.378187   |
| <b>Conductivity (S/m)</b>                     | 0.971188  |
| <b>Variation (%)</b>                          | 2.990000  |
| <b>Crest Factor:</b>                          | 2.0   |
| <b>Probe Conversion factor</b>                | 5.22  |
| <b>E-Field Probe:</b>                         | SSE5 (SN 07/15 EP248)   |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Validation plane</u>   |
| <b>Device Position</b>                        | <u>Body back</u>  |
| <b>Band</b>                                   | <u>GSM850(GPRS 4slot hotspot)</u>   |

**SURFACE SAR**

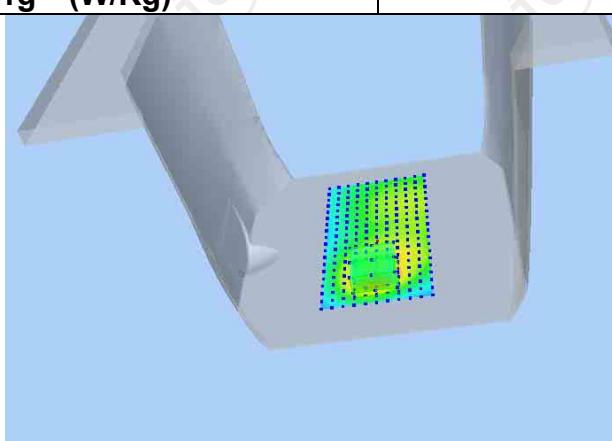


**VOLUME SAR**



**Maximum location: X=0.00, Y=-49.00 SAR Peak: 1.81 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.508559 |
| <b>SAR 1g (W/Kg)</b>  | 0.914081 |



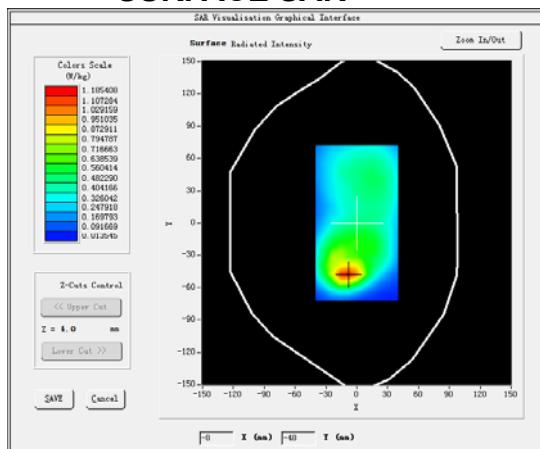
# **MEASUREMENT 6**

#### **High Band SAR (Channel251):**

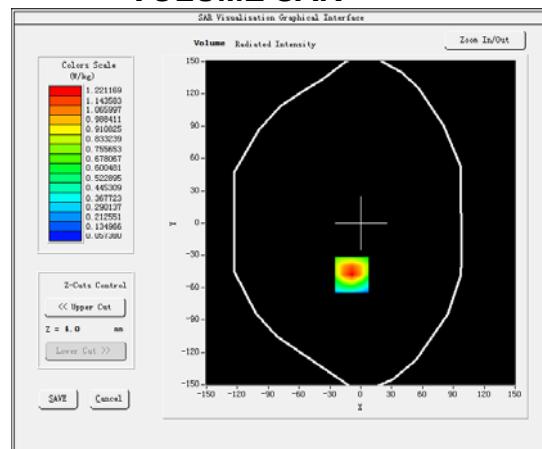
Date: 02/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 848.800000  |
| <b>Relative permittivity (real part)</b>      | 55.212077   |
| <b>Relative permittivity (imaginary part)</b> | 21.378187   |
| <b>Conductivity (S/m)</b>                     | 0.971188  |
| <b>Variation (%)</b>                          | -2.130000   |
| <b>Crest Factor:</b>                          | 2.0   |
| <b>Probe Conversion factor</b>                | 5.22  |
| <b>E-Field Probe:</b>                         | SSE5 (SN 07/15 EP248)   |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Validation plane</u>   |
| <b>Device Position</b>                        | <u>Body back</u>  |
| <b>Band</b>                                   | GSM850(GPRS 4slot hotspot)  |

SURFACE SAR

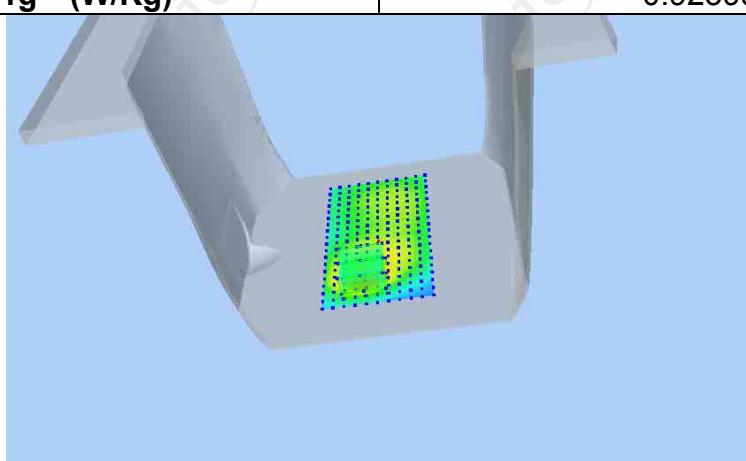


## **VOLUME SAR**



**Maximum location: X=-9.00, Y=-48.00 SAR Peak: 1.78 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.525515 |
| <b>SAR 1g (W/Kg)</b>  | 0.923995 |



PCS1900

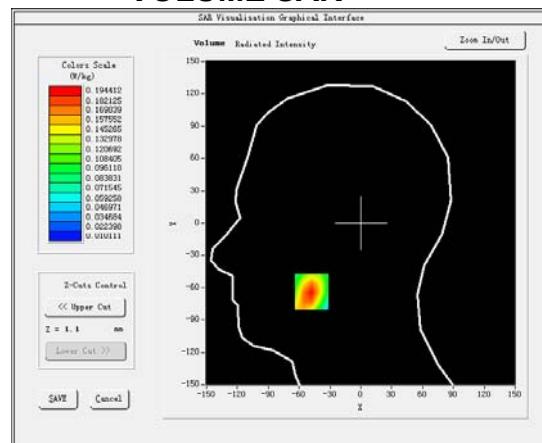
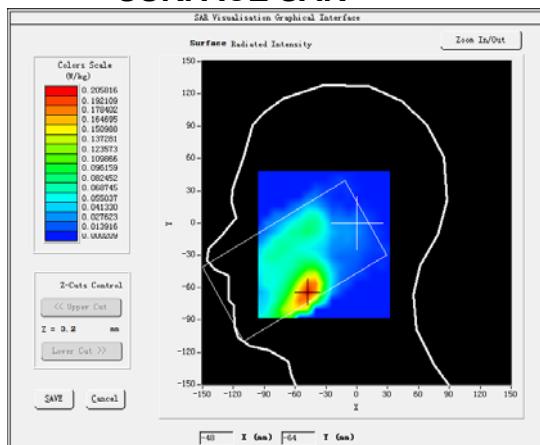
**MEASUREMENT 1**

Higher Band SAR (Channel 810):

Date: 06/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 1909.800049   |
| <b>Relative permittivity (real part)</b>      | 38.870125   |
| <b>Relative permittivity (imaginary part)</b> | 12.607061   |
| <b>Conductivity (S/m)</b>                     | 1.392547  |
| <b>Variation (%)</b>                          | -2.140000   |
| <b>Crest Factor</b>                           | 8.3   |
| <b>Probe Conversion factor</b>                | 4.86  |
| <b>E-Field Probe:</b>                         | SSE5 (SN 07/15 EP248)   |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u><br><u>5.00 mm</u> |
| <b>Phantom</b>                                | <u>Right head</u>   |
| <b>Device Position</b>                        | <u>Cheek</u>  |
| <b>Band</b>                                   | <u>PCS1900(voice)</u>   |

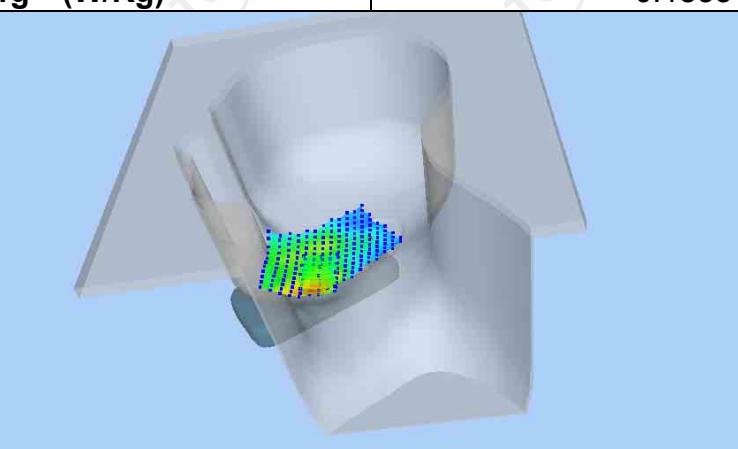
**SURFACE SAR**



Maximum location: X=-48.00, Y=-64.00 SAR Peak: 0.25 W/kg

SAR 10g (W/Kg) 0.116782

SAR 1g (W/Kg) 0.183516



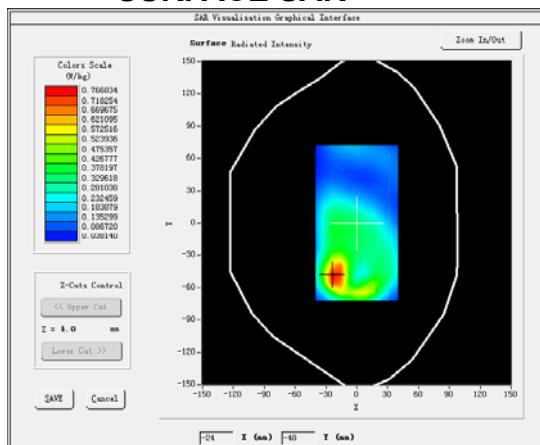
**MEASUREMENT 2**

Higher Band SAR (Channel 810):

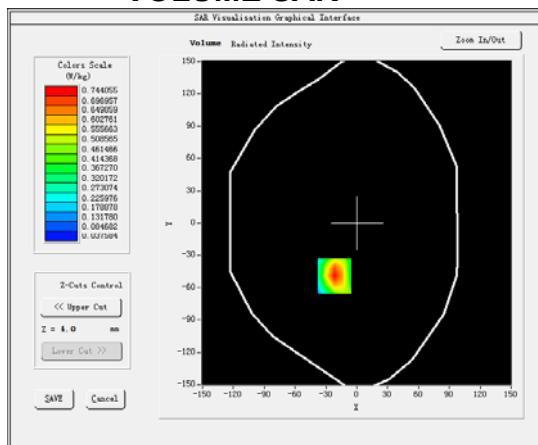
Date: 06/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 1909.800049   |
| <b>Relative permittivity (real part)</b>      | 52.094257   |
| <b>Relative permittivity (imaginary part)</b> | 14.232400   |
| <b>Conductivity (S/m)</b>                     | 1.541233  |
| <b>Variation (%)</b>                          | 3.060000  |
| <b>Crest Factor</b>                           | 8.3   |
| <b>Probe Conversion factor</b>                | 5.05  |
| <b>E-Field Probe:</b>                         | SSE5 (SN 07/15 EP248)   |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Validation plane</u>   |
| <b>Device Position</b>                        | <u>Body back</u>  |
| <b>Band</b>                                   | <u>PCS1900(voice)</u>   |

**SURFACE SAR**

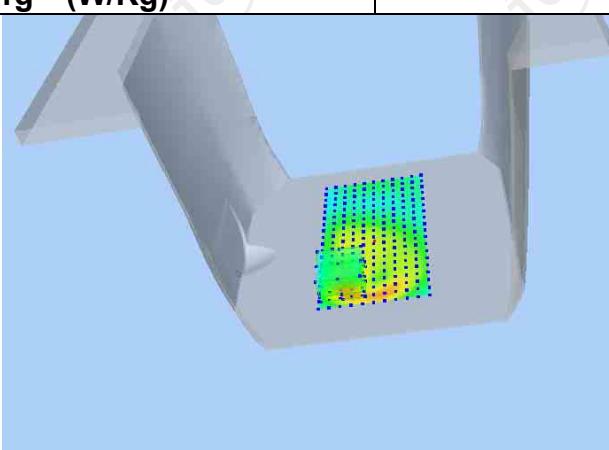


**VOLUME SAR**



**Maximum location: X=-22.00, Y=-49.00 SAR Peak: 1.13 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.383174 |
| <b>SAR 1g (W/Kg)</b>  | 0.693489 |



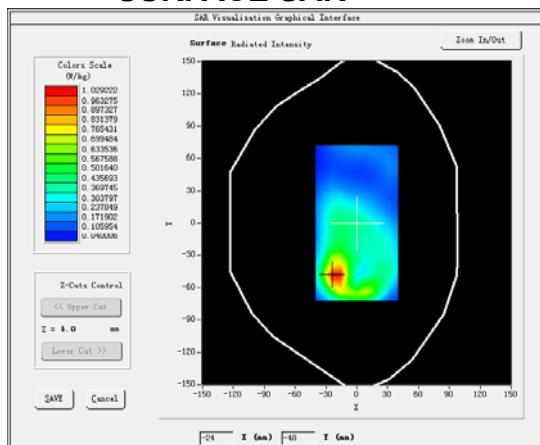
**MEASUREMENT 3**

Lower Band SAR (Channel 512):

Date: 06/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 1880.000000   |
| <b>Relative permittivity (real part)</b>      | 52.143690   |
| <b>Relative permittivity (imaginary part)</b> | 14.232400   |
| <b>Conductivity (S/m)</b>                     | 1.500124  |
| <b>Variation (%)</b>                          | -2.510000   |
| <b>Crest Factor</b>                           | 2.0   |
| <b>Probe Conversion factor</b>                | 5.05  |
| <b>E-Field Probe:</b>                         | SSE5 (SN 07/15 EP248)   |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Validation plane</u>   |
| <b>Device Position</b>                        | <u>Body back</u>  |
| <b>Band</b>                                   | <u>PCS1900(GPRS 4slot hotspot)</u>  |

**SURFACE SAR**



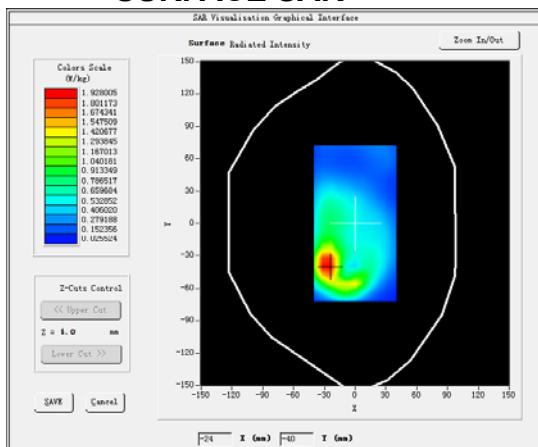
**MEASUREMENT 4**

Middle Band SAR (Channel 661):

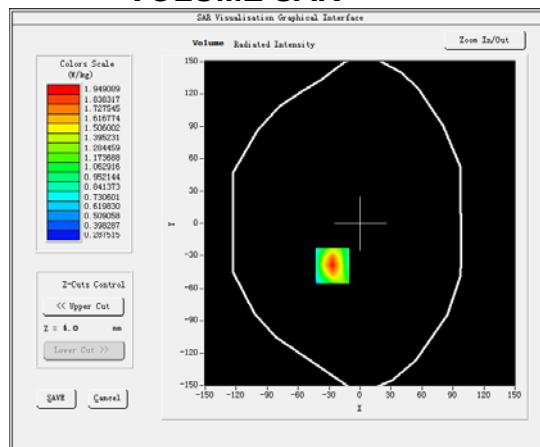
Date: 06/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 1880.000000   |
| <b>Relative permittivity (real part)</b>      | 52.122360   |
| <b>Relative permittivity (imaginary part)</b> | 14.232400   |
| <b>Conductivity (S/m)</b>                     | 1.514788  |
| <b>Variation (%)</b>                          | -2.510000   |
| <b>Crest Factor</b>                           | 2.0   |
| <b>Probe Conversion factor</b>                | 5.05  |
| <b>E-Field Probe:</b>                         | SSE5 (SN 07/15 EP248)   |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Validation plane</u>   |
| <b>Device Position</b>                        | <u>Body back</u>  |
| <b>Band</b>                                   | <u>PCS1900(GPRS 4slot hotspot)</u>  |

**SURFACE SAR**

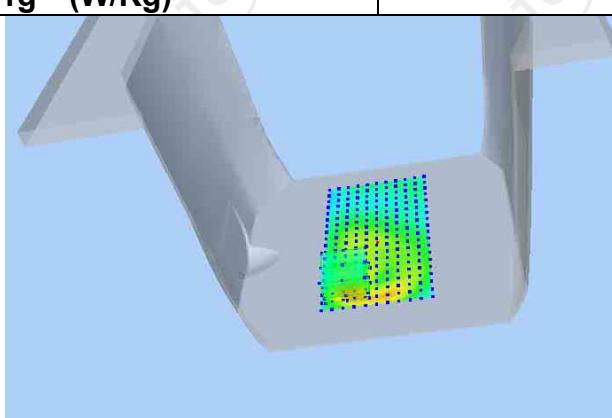


**VOLUME SAR**



**Maximum location: X=-27.00, Y=-39.00 SAR Peak: 3.85 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.492547 |
| <b>SAR 1g (W/Kg)</b>  | 0.932365 |



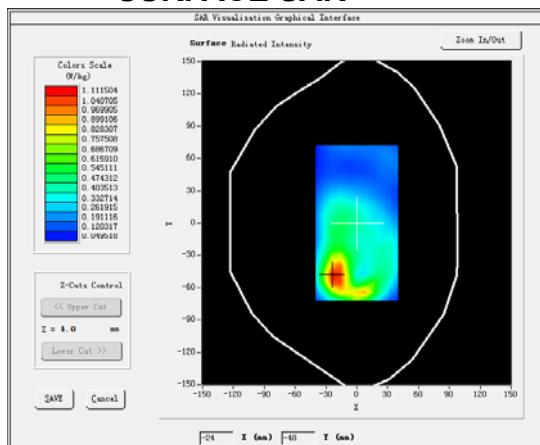
**MEASUREMENT 5**

Higher Band SAR (Channel 810):

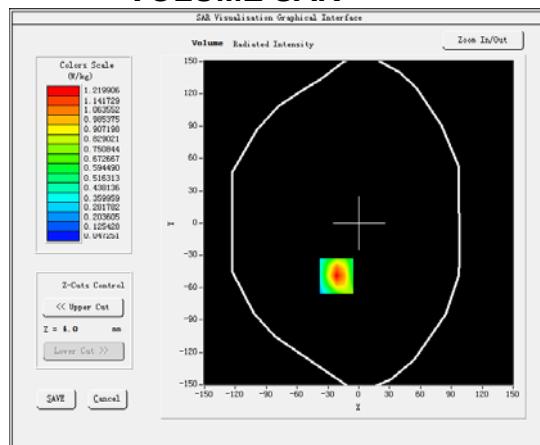
Date: 06/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 1909.800049   |
| <b>Relative permittivity (real part)</b>      | 52.094257   |
| <b>Relative permittivity (imaginary part)</b> | 14.232400   |
| <b>Conductivity (S/m)</b>                     | 1.541233  |
| <b>Variation (%)</b>                          | -2.750000   |
| <b>Crest Factor</b>                           | 2.0   |
| <b>Probe Conversion factor</b>                | 5.05  |
| <b>E-Field Probe:</b>                         | SSE5 (SN 07/15 EP248)   |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Validation plane</u>   |
| <b>Device Position</b>                        | <u>Body back</u>  |
| <b>Band</b>                                   | <u>PCS1900(GPRS 4slot hotspot)</u>  |

**SURFACE SAR**

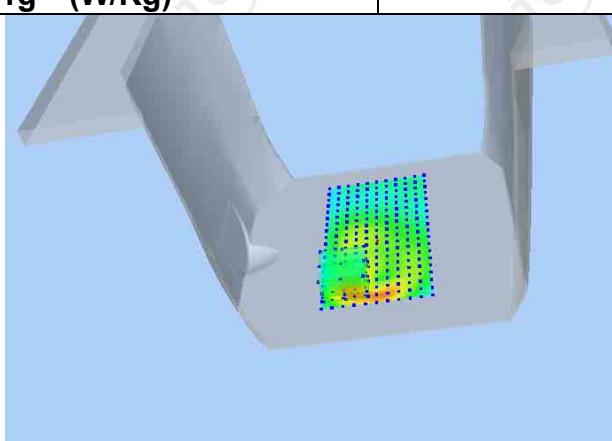


**VOLUME SAR**



**Maximum location: X=-22.00, Y=-49.00 SAR Peak: 2.00 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.590107 |
| <b>SAR 1g (W/Kg)</b>  | 1.010895 |



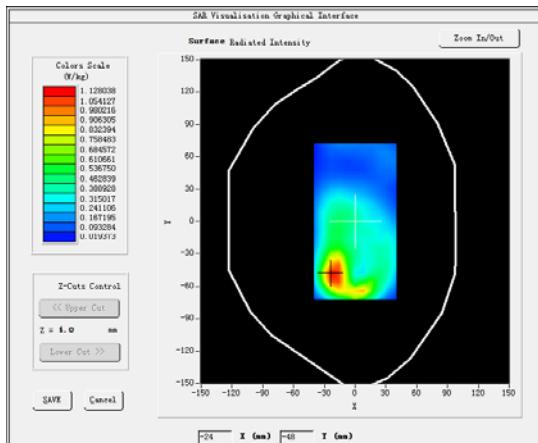
**MEASUREMENT 6**

Higher Band SAR (Channel 810):

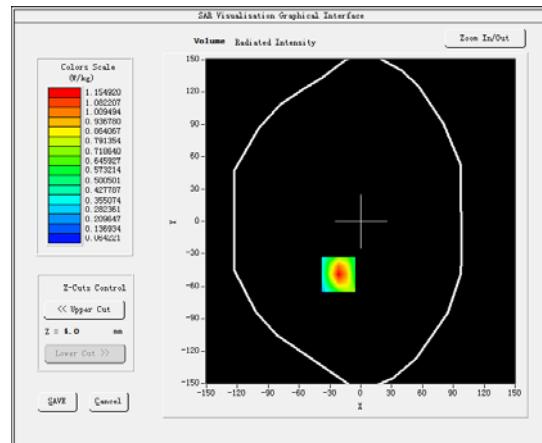
Date: 06/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 1909.800049   |
| <b>Relative permittivity (real part)</b>      | 52.094257   |
| <b>Relative permittivity (imaginary part)</b> | 14.232400   |
| <b>Conductivity (S/m)</b>                     | 1.541233  |
| <b>Variation (%)</b>                          | 3.150000  |
| <b>Crest Factor</b>                           | 2.0   |
| <b>Probe Conversion factor</b>                | 5.05  |
| <b>E-Field Probe:</b>                         | SSE5 (SN 07/15 EP248)   |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Validation plane</u>   |
| <b>Device Position</b>                        | <u>Body back</u>  |
| <b>Band</b>                                   | <u>PCS1900(GPRS 4slot hotspot)</u>  |

**SURFACE SAR**

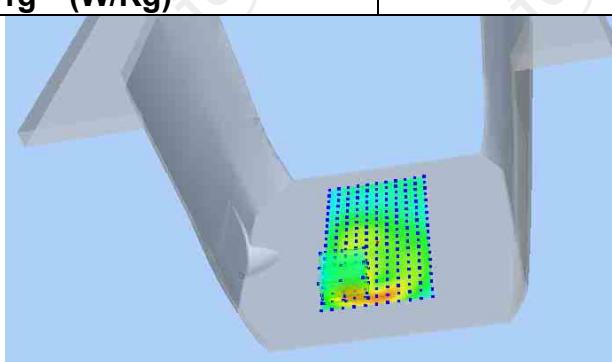


**VOLUME SAR**



**Maximum location: X=-22.00, Y=-49.00 SAR Peak: 2.00 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.568741 |
| <b>SAR 1g (W/Kg)</b>  | 1.020154 |



WCDMA Band IV

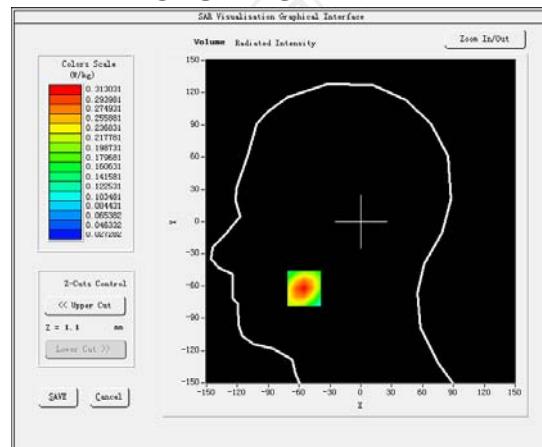
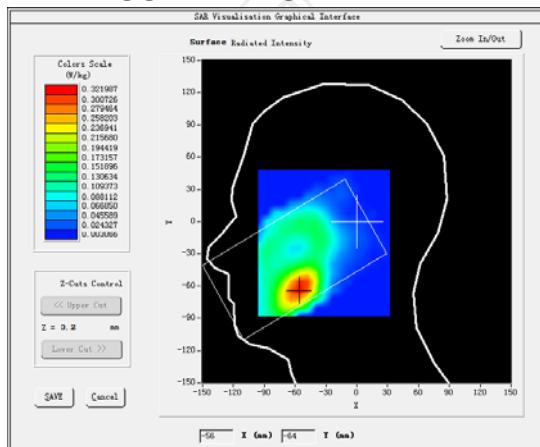
**MEASUREMENT 1**

Lower Band SAR (Channel 1412):

Date: 05/09/2016

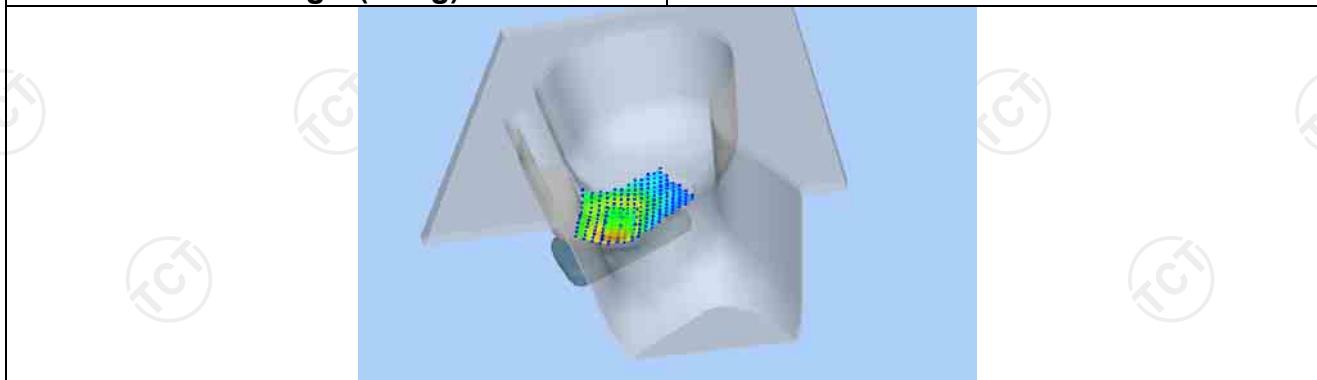
|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 1732.000000   |
| <b>Relative permittivity (real part)</b>      | 39.104959   |
| <b>Relative permittivity (imaginary part)</b> | 13.809060   |
| <b>Conductivity (S/m)</b>                     | 1.348738  |
| <b>Variation (%)</b>                          | -2.250000   |
| <b>Crest Factor</b>                           | 1.0   |
| <b>Probe Conversion factor</b>                | 4.86  |
| <b>E-Field Probe:</b>                         | SSE5 (SN 07/15 EP248)   |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Right head</u>   |
| <b>Device Position</b>                        | <u>Cheek</u>  |
| <b>Band</b>                                   | <u>BAND1 WCDMA1700</u>  |

**SURFACE SAR**



Maximum location: X=-55.00, Y=-62.00 SAR Peak: 0.41 W/kg

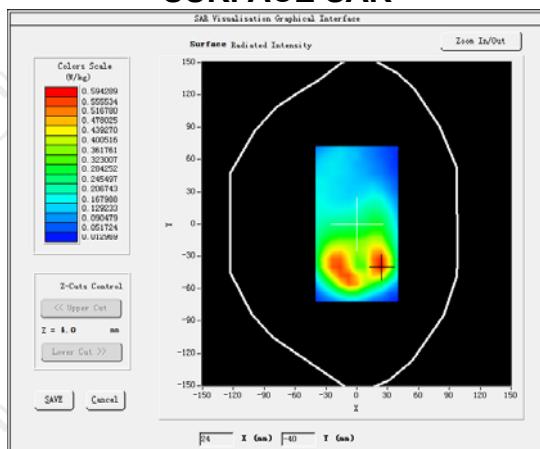
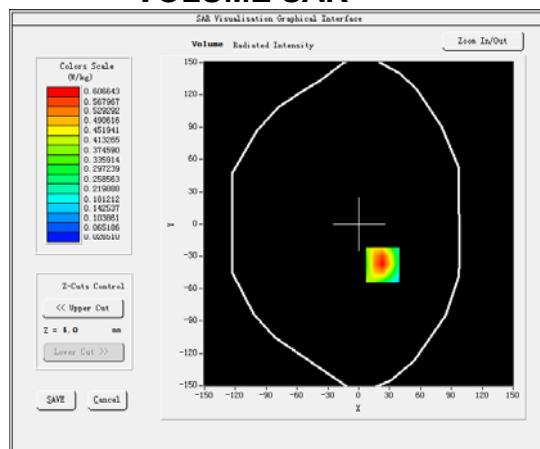
|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.187715 |
| <b>SAR 1g (W/Kg)</b>  | 0.294950 |

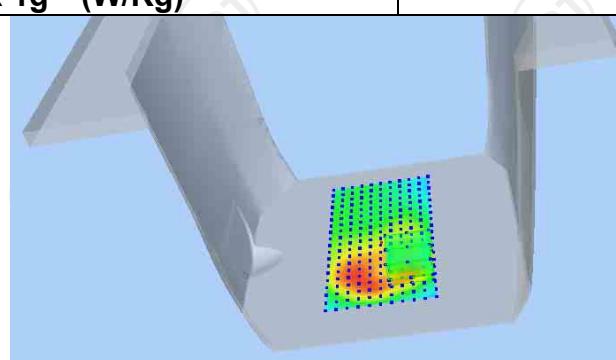


**MEASUREMENT 2**

Lower Band SAR (Channel 1412):

Date: 05/09/2016

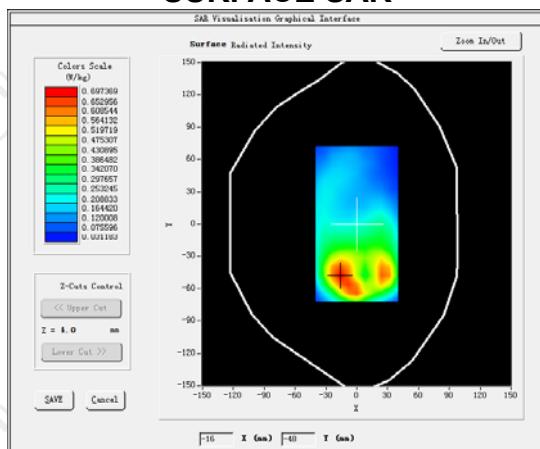
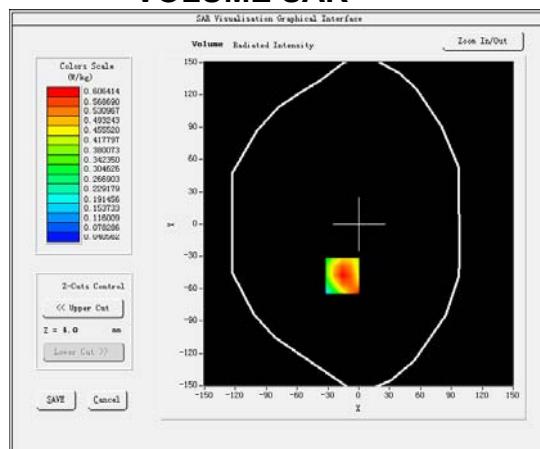
|  |   |
|--|---|
| <b>Frequency (MHz)</b>   | 1732.000000   |
| <b>Relative permittivity (real part)</b>   | 53.322660   |
| <b>Relative permittivity (imaginary part)</b>                                      | 14.700620   |
| <b>Conductivity (S/m)</b>  | 1.500860  |
| <b>Variation (%)</b>   | -1.880000   |
| <b>Crest Factor</b>  | 1.0   |
| <b>Probe Conversion factor</b>   | 5.05  |
| <b>E-Field Probe:</b>  | SSE5 (SN 07/15 EP248)   |
| <b>Area Scan</b>   | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>  | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u><br><u>5.00 mm</u> |
| <b>Phantom</b>   | <u>Validation plane</u>   |
| <b>Device Position</b>   | <u>Body back</u>  |
| <b>Band</b>  | <u>BAND1 WCDMA1700</u>  |
| <b>SURFACE SAR</b>   | <b>VOLUME SAR</b>   |
|  |        |
| <b>Maximum location: X=23.00, Y=-38.00 SAR Peak: 0.91 W/kg</b>                     |   |
| <b>SAR 10g (W/Kg)</b>  | 0.329197  |
| <b>SAR 1g (W/Kg)</b>   | 0.570968  |

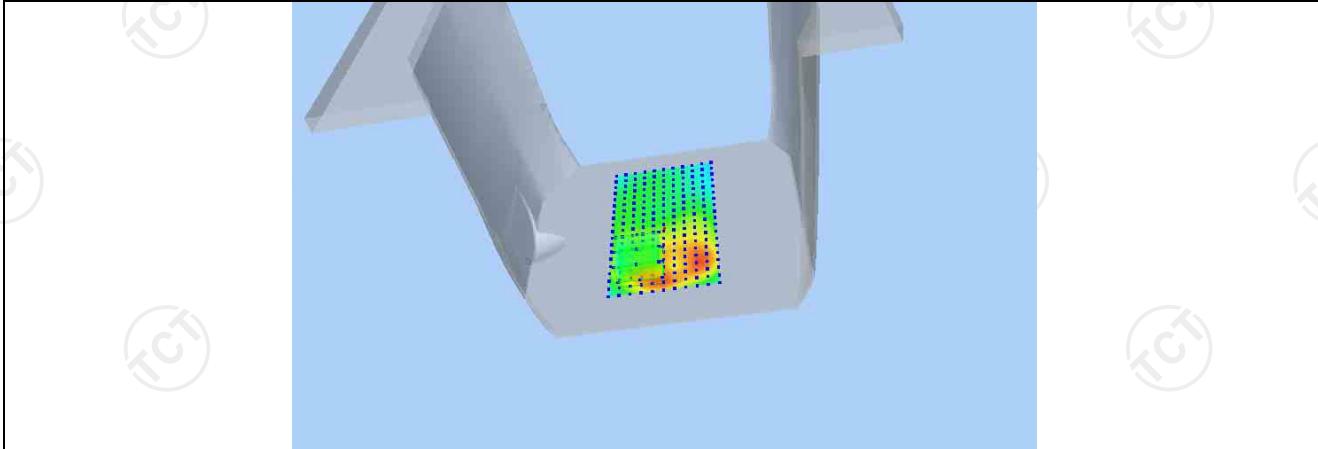


**MEASUREMENT 3**

Lower Band SAR (Channel 1412):

Date: 05/09/2016

|  |   |
|--|---|
| <b>Frequency (MHz)</b>   | 1732.000000   |
| <b>Relative permittivity (real part)</b>   | 53.322660   |
| <b>Relative permittivity (imaginary part)</b>                                      | 14.700620   |
| <b>Conductivity (S/m)</b>  | 1.500860  |
| <b>Variation (%)</b>   | -3.860000   |
| <b>Crest Factor</b>  | 1.0   |
| <b>Probe Conversion factor</b>   | 5.05  |
| <b>E-Field Probe:</b>  | SSE5 (SN 07/15 EP248)   |
| <b>Area Scan</b>   | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>  | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u><br><u>5.00 mm</u> |
| <b>Phantom</b>   | <u>Validation plane</u>   |
| <b>Device Position</b>   | <u>Body front</u>   |
| <b>Band</b>  | <u>BAND1 WCDMA1700</u>  |
| <b>SURFACE SAR</b>   | <b>VOLUME SAR</b>   |
|  |        |
| <b>Maximum location: X=-16.00, Y=-48.00 SAR Peak: 0.85 W/kg</b>                    |   |
| <b>SAR 10g (W/Kg)</b>  | 0.360389  |
| <b>SAR 1g (W/Kg)</b>   | 0.524295  |



WLAN 2.4

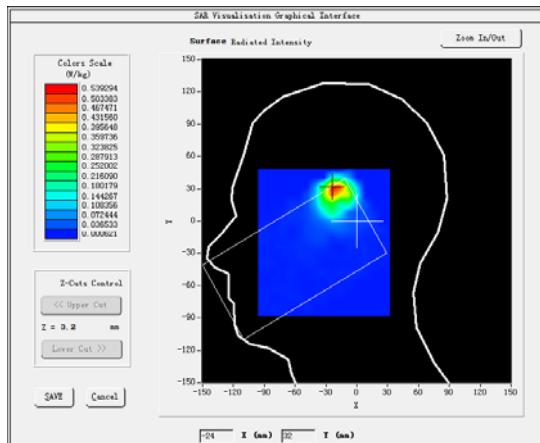
**MEASUREMENT 1**

Lower Band SAR (Channel 1):

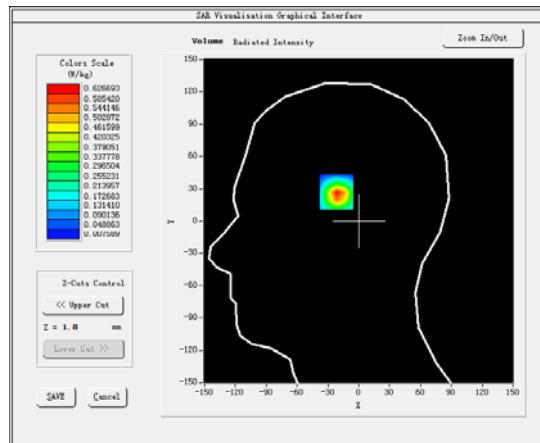
Date: 07/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 2412.000000   |
| <b>Relative permittivity (real part)</b>      | 37.841613   |
| <b>Relative permittivity (imaginary part)</b> | 13.546980   |
| <b>Conductivity (S/m)</b>                     | 1.794111  |
| <b>Variation (%)</b>                          | -3.780000   |
| <b>Crest Factor</b>                           | 1.0   |
| <b>Probe Conversion factor</b>                | 4.21  |
| <b>E-Field Probe:</b>                         | SSE5 (SN 07/15 EP248)   |
| <b>Area Scan</b>                              | dx=8mm dy=8mm, h= 5.00 mm   |
| <b>ZoomScan</b>                               | 5x5x7,dx=8mm dy=8mm<br>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm |
| <b>Phantom</b>                                | <u>Right head</u>   |
| <b>Device Position</b>                        | <u>Cheek</u>  |
| <b>Band</b>                                   | <u>IEEE 802.11b ISM</u>   |

**SURFACE SAR**

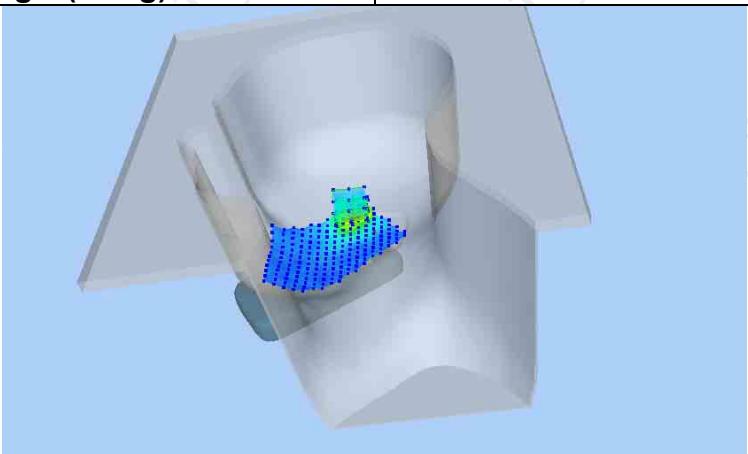


**VOLUME SAR**



**Maximum location: X=-22.00, Y=30.00 SAR Peak: 1.24 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.246672 |
| <b>SAR 1g (W/Kg)</b>  | 0.499826 |



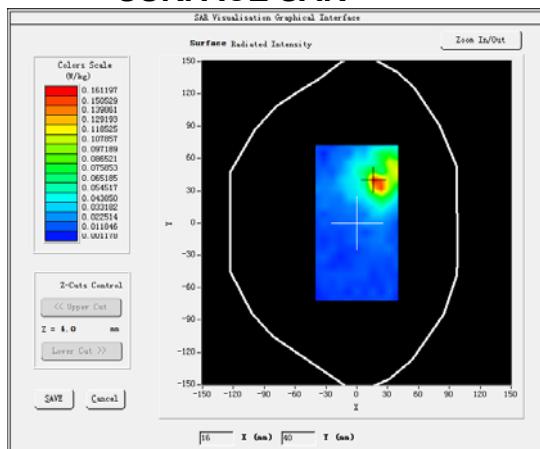
**MEASUREMENT 2**

Lower Band SAR (Channel 1):

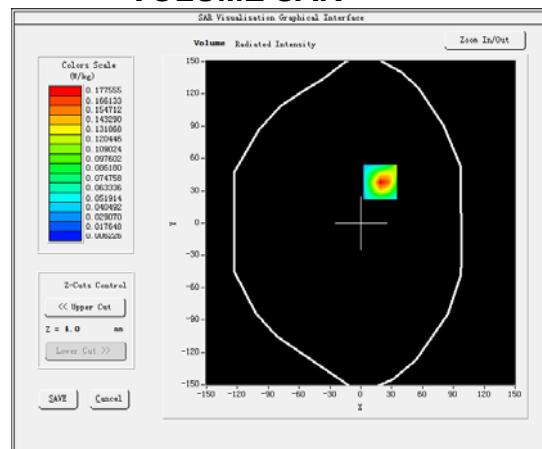
Date: 07/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 2412.000000   |
| <b>Relative permittivity (real part)</b>      | 53.650667   |
| <b>Relative permittivity (imaginary part)</b> | 14.318444   |
| <b>Conductivity (S/m)</b>                     | 1.972536  |
| <b>Variation (%)</b>                          | -4.210000   |
| <b>Crest Factor</b>                           | 1.0   |
| <b>Probe Conversion factor</b>                | 4.36  |
| <b>E-Field Probe:</b>                         | SSE5 (SN 07/15 EP248)   |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | Validation plane  |
| <b>Device Position</b>                        | Body back   |
| <b>Band</b>                                   | <u>IEEE 802.11b ISM</u>   |

**SURFACE SAR**

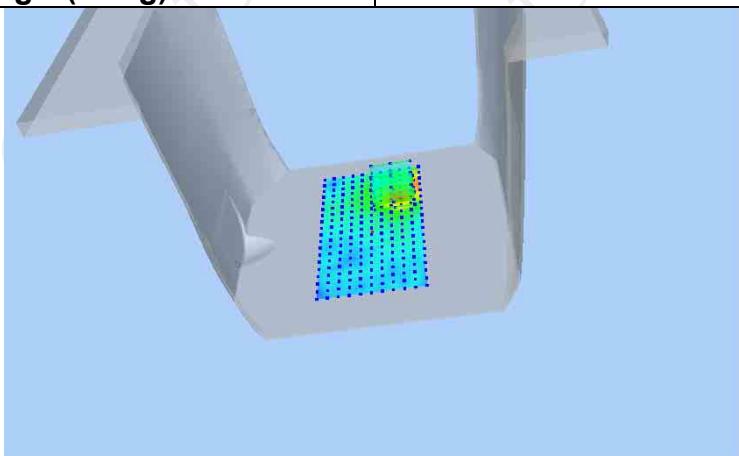


**VOLUME SAR**



**Maximum location: X=19.00, Y=38.00 SAR Peak: 0.31 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.080811 |
| <b>SAR 1g (W/Kg)</b>  | 0.170980 |



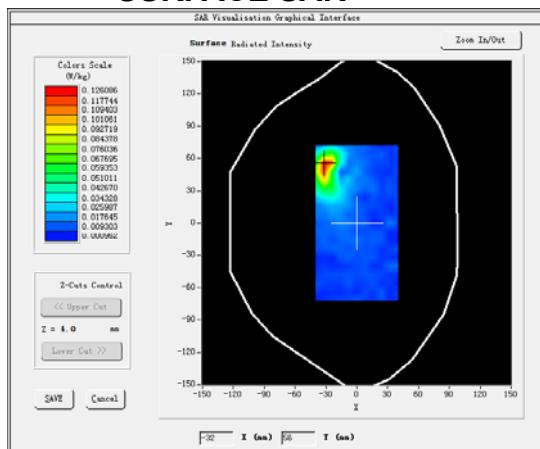
**MEASUREMENT 3**

Lower Band SAR (Channel 1):

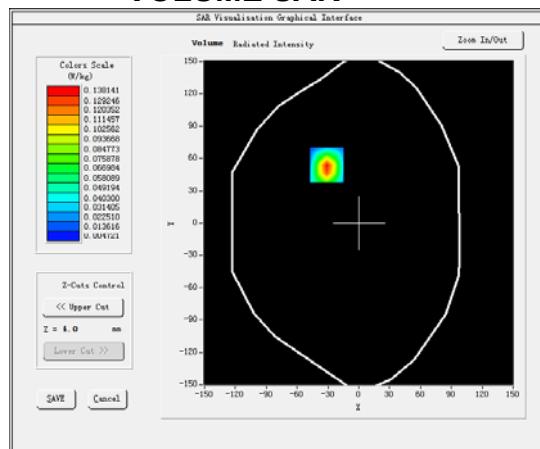
Date: 07/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 2412.000000   |
| <b>Relative permittivity (real part)</b>      | 53.650667   |
| <b>Relative permittivity (imaginary part)</b> | 14.318444   |
| <b>Conductivity (S/m)</b>                     | 1.972536  |
| <b>Variation (%)</b>                          | 1.780000  |
| <b>Crest Factor</b>                           | 1.0   |
| <b>Probe Conversion factor</b>                | 4.36  |
| <b>E-Field Probe:</b>                         | SSE5 (SN 07/15 EP248)   |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | Validation plane  |
| <b>Device Position</b>                        | Body back   |
| <b>Band</b>                                   | <u>IEEE 802.11b ISM</u>   |

**SURFACE SAR**

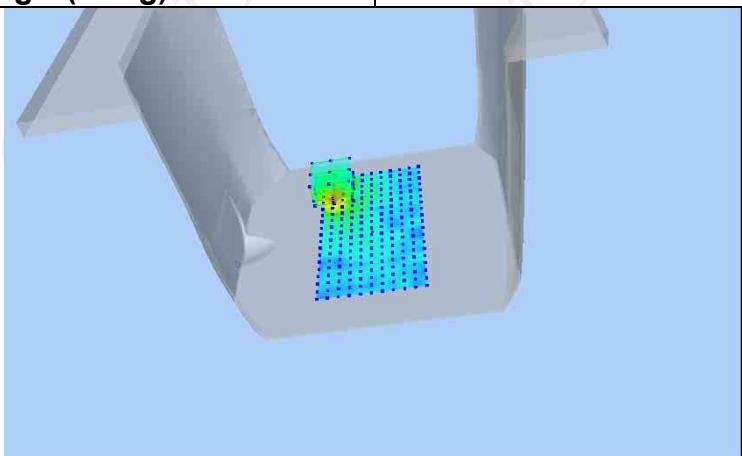


**VOLUME SAR**



**Maximum location: X=-31.00, Y=54.00 SAR Peak: 0.25 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.061644 |
| <b>SAR 1g (W/Kg)</b>  | 0.133034 |



LTE II

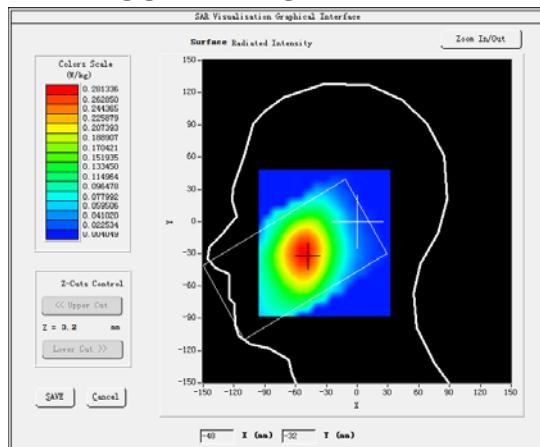
**MEASUREMENT 1**

Lower Band SAR (Channel 18700):

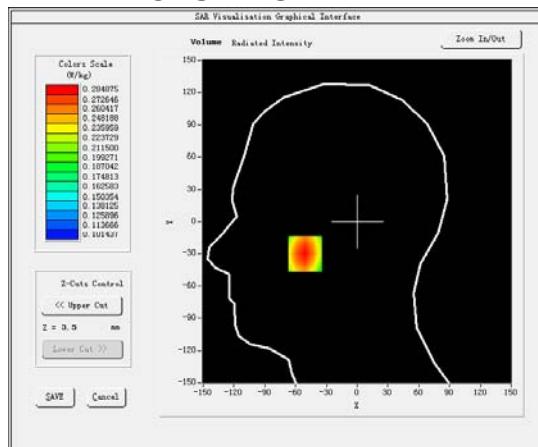
Date: 06/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 1860.000000   |
| <b>Relative permittivity (real part)</b>      | 38.910021   |
| <b>Relative permittivity (imaginary part)</b> | 13.411700   |
| <b>Conductivity (S/m)</b>                     | 1.352254  |
| <b>Variation (%)</b>                          | 0.530000  |
| <b>Crest Factor</b>                           | 1.0   |
| <b>Probe Conversion factor</b>                | 4.86  |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Right head</u>   |
| <b>Device Position</b>                        | <u>Cheek(QPSK 1RB)</u>  |
| <b>Band</b>                                   | <u>LTE band 2</u>   |

**SURFACE SAR**

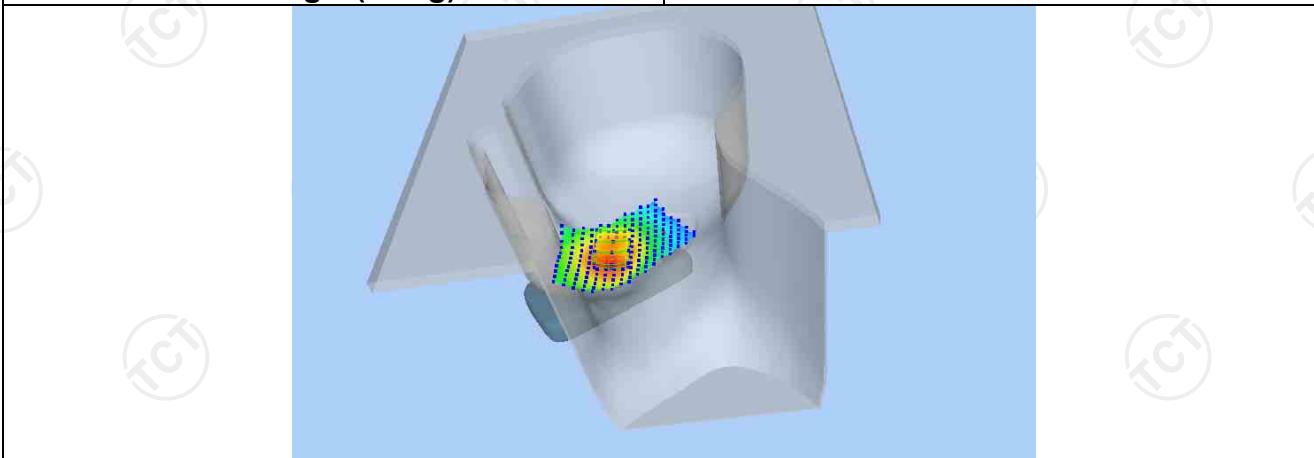


**VOLUME SAR**



**Maximum location: X=-51.00, Y=-30.00 SAR Peak: 0.31 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.236870 |
| <b>SAR 1g (W/Kg)</b>  | 0.278353 |

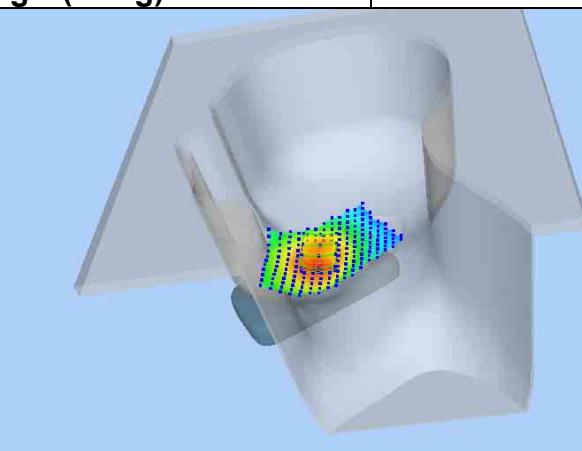


**MEASUREMENT 2**

Lower Band SAR (Channel 18700):

Date: 06/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>  | 1860.000000   |
| <b>Relative permittivity (real part)</b>                        | 38.910021   |
| <b>Relative permittivity (imaginary part)</b>                   | 13.411700   |
| <b>Conductivity (S/m)</b>                                       | 1.352254  |
| <b>Variation (%)</b>  | 2.140000  |
| <b>Crest Factor</b>   | 1.0   |
| <b>Probe Conversion factor</b>                                  | 5.05  |
| <b>Area Scan</b>  | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>   | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u><br><u>5.00 mm</u> |
| <b>Phantom</b>  | Right head  |
| <b>Device Position</b>  | Cheek(QPSK 50%RB)   |
| <b>Band</b>   | LTE band 2  |
| <b>SURFACE SAR</b>  | <b>VOLUME SAR</b>   |
|   |   |
| <b>Maximum location: X=-51.00, Y=-30.00 SAR Peak: 0.28 W/kg</b> |   |
| <b>SAR 10g (W/Kg)</b>   | 0.215478  |
| <b>SAR 1g (W/Kg)</b>  | 0.202587  |



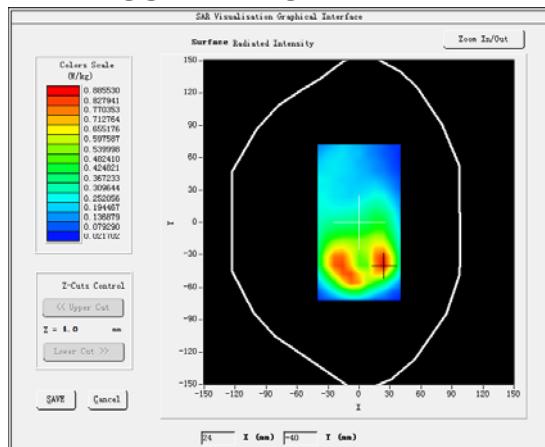
**MEASUREMENT 3**

Lower Band SAR (Channel 18700):

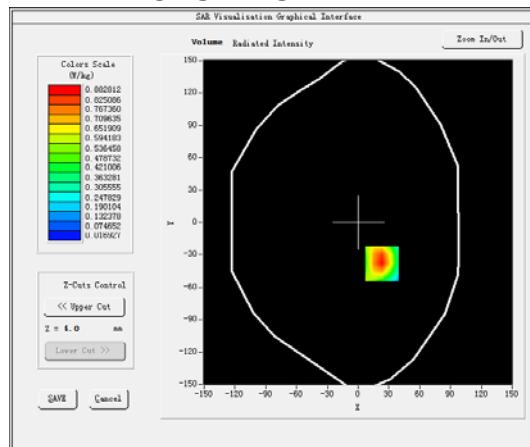
Date: 06/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 1860.000000   |
| <b>Relative permittivity (real part)</b>      | 52.142547   |
| <b>Relative permittivity (imaginary part)</b> | 13.770436   |
| <b>Conductivity (S/m)</b>                     | 1.501456  |
| <b>Variation (%)</b>                          | -0.500000   |
| <b>Crest Factor</b>                           | 1.0   |
| <b>Probe Conversion factor</b>                | 5.05  |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Validation plane</u>   |
| <b>Device Position</b>                        | <u>Body back(QPSK 1RB)</u>  |
| <b>Band</b>                                   | <u>LTE band 2</u>   |

**SURFACE SAR**

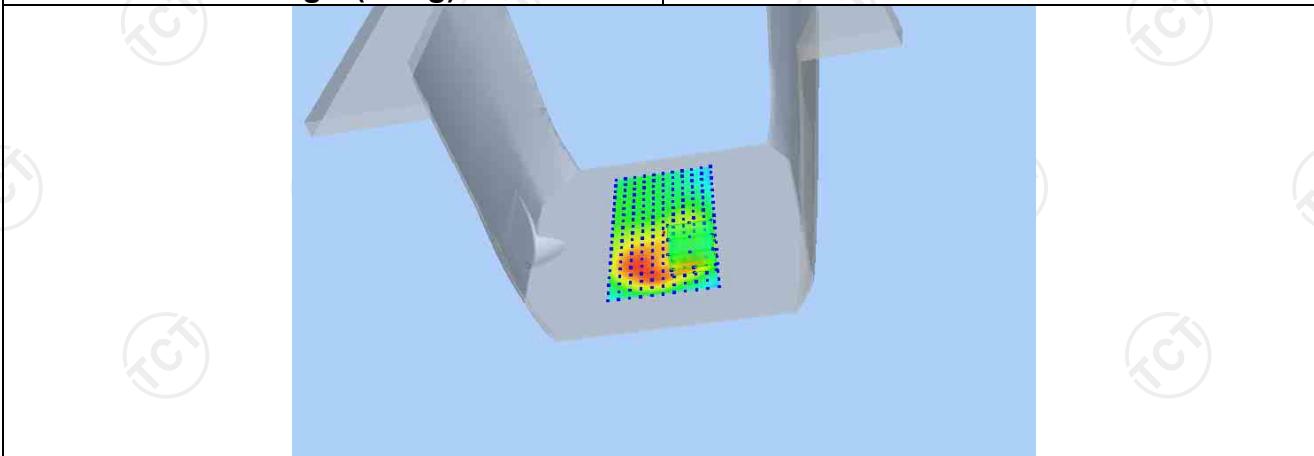


**VOLUME SAR**



**Maximum location: X=23.00, Y=-38.00 SAR Peak: 1.39 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.327816 |
| <b>SAR 1g (W/Kg)</b>  | 0.705521 |



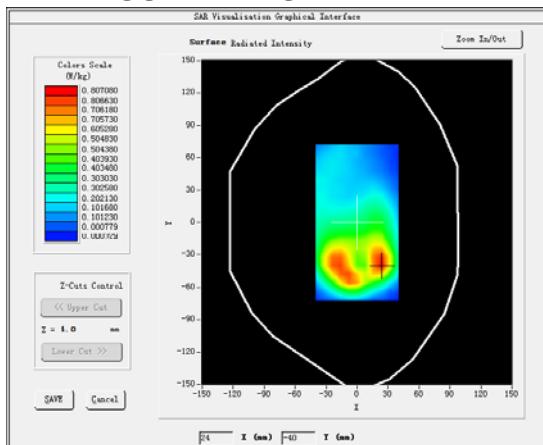
**MEASUREMENT 4**

Lower Band SAR (Channel 18700):

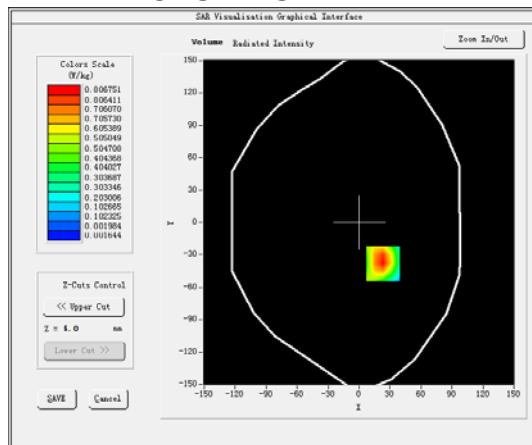
Date: 06/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 1860.000000   |
| <b>Relative permittivity (real part)</b>      | 52.142547   |
| <b>Relative permittivity (imaginary part)</b> | 13.770436   |
| <b>Conductivity (S/m)</b>                     | 1.501456  |
| <b>Variation (%)</b>                          | 2.330000  |
| <b>Crest Factor</b>                           | 1.0   |
| <b>Probe Conversion factor</b>                | 5.05  |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Validation plane</u>   |
| <b>Device Position</b>                        | <u>Body back Cheek(QPSK 50%RB)</u>  |
| <b>Band</b>                                   | <u>LTE band 2</u>   |

**SURFACE SAR**

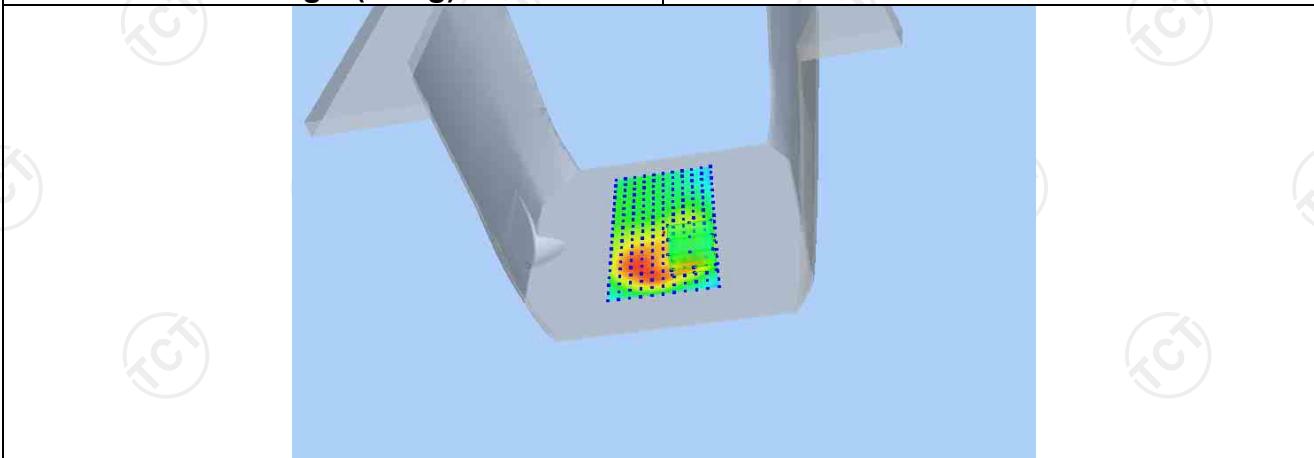


**VOLUME SAR**



**Maximum location: X=23.00, Y=-38.00 SAR Peak: 1.16 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.365479 |
| <b>SAR 1g (W/Kg)</b>  | 0.542546 |



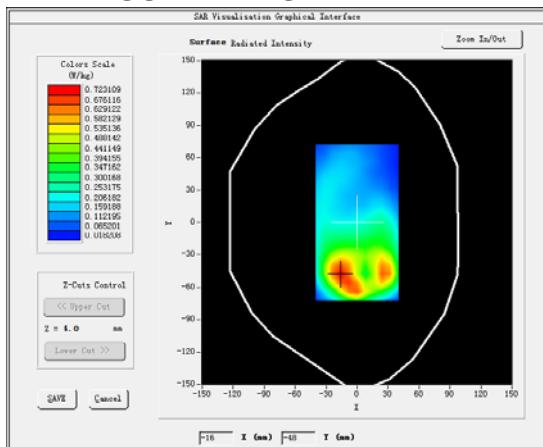
**MEASUREMENT 5**

Lower Band SAR (Channel 18700):

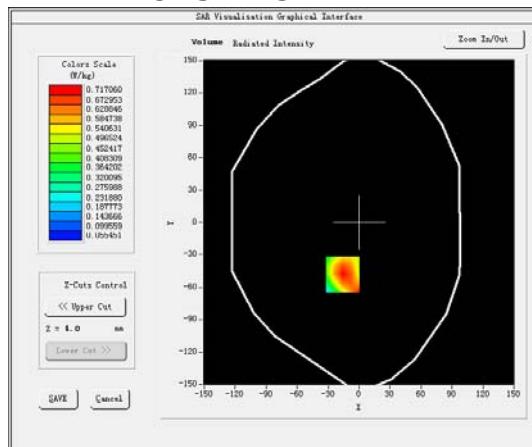
Date: 06/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 1860.000000   |
| <b>Relative permittivity (real part)</b>      | 52.142547   |
| <b>Relative permittivity (imaginary part)</b> | 13.770436   |
| <b>Conductivity (S/m)</b>                     | 1.501456  |
| <b>Variation (%)</b>                          | -0.310000   |
| <b>Crest Factor</b>                           | 1.0   |
| <b>Probe Conversion factor</b>                | 5.05  |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Validation plane</u>   |
| <b>Device Position</b>                        | <u>Body front(QPSK 1RB)</u>   |
| <b>Band</b>                                   | <u>LTE band 2</u>   |

**SURFACE SAR**

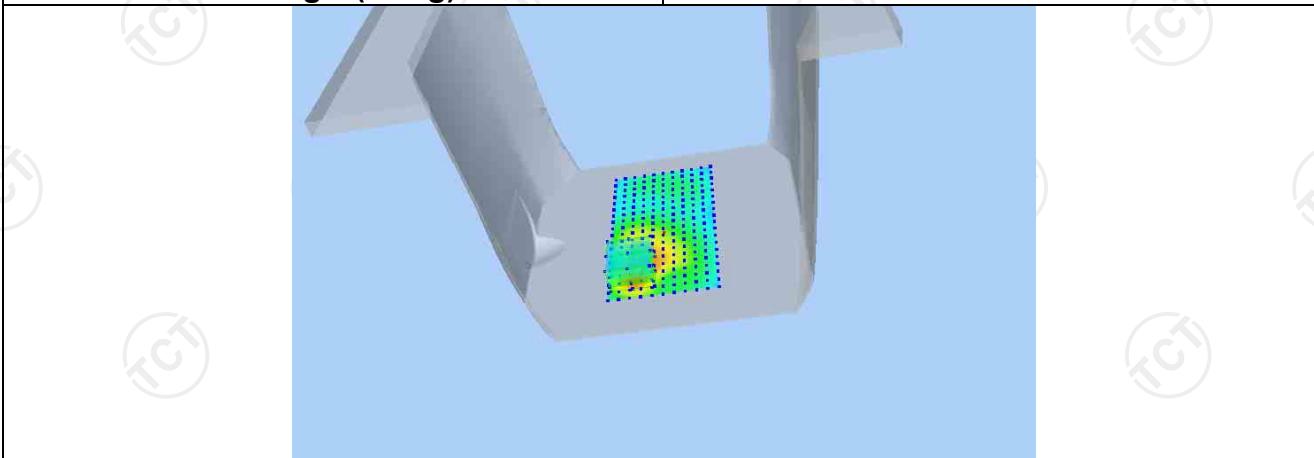


**VOLUME SAR**



**Maximum location: X=-16.00, Y=-48.00 SAR Peak: 1.15 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.390227 |
| <b>SAR 1g (W/Kg)</b>  | 0.683341 |



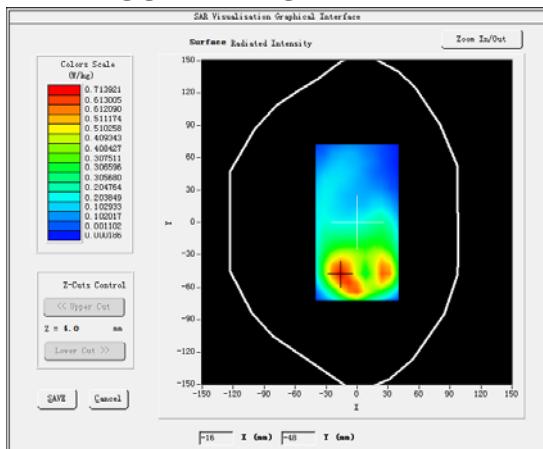
**MEASUREMENT 6**

Lower Band SAR (Channel 18700):

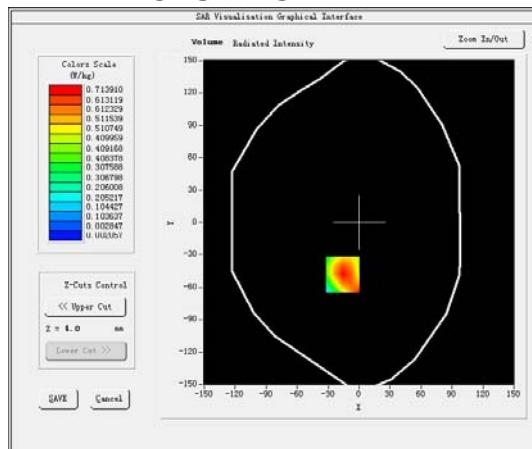
Date: 06/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 1860.000000   |
| <b>Relative permittivity (real part)</b>      | 52.142547   |
| <b>Relative permittivity (imaginary part)</b> | 13.770436   |
| <b>Conductivity (S/m)</b>                     | 1.501456  |
| <b>Variation (%)</b>                          | 0.330000  |
| <b>Crest Factor</b>                           | 1.0   |
| <b>Probe Conversion factor</b>                | 5.05  |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Validation plane</u>   |
| <b>Device Position</b>                        | <u>Body front Cheek(QPSK 50%RB)</u>   |
| <b>Band</b>                                   | <u>LTE band 2</u>   |

**SURFACE SAR**

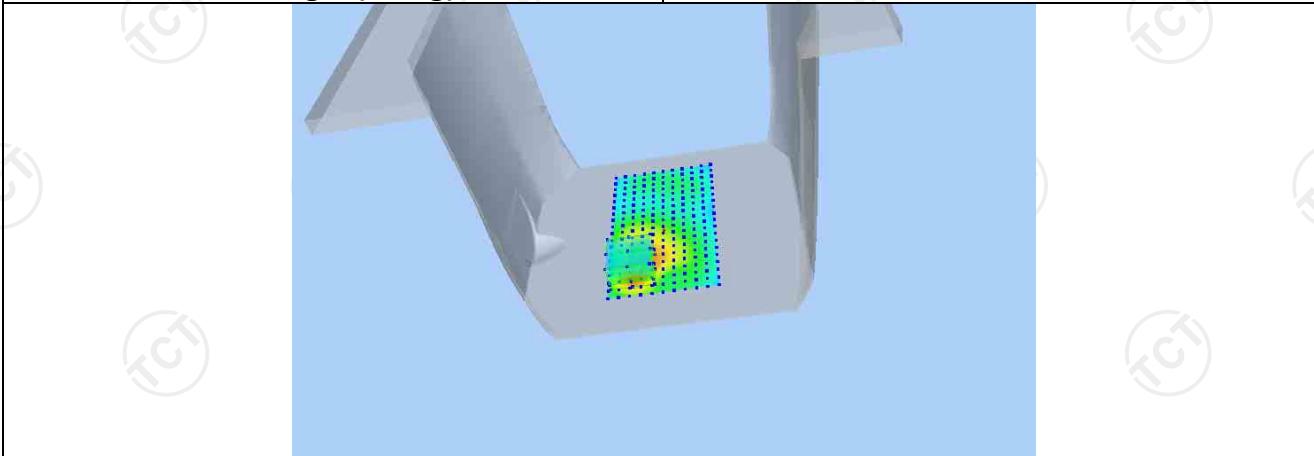


**VOLUME SAR**



**Maximum location: X=-16.00, Y=-48.00 SAR Peak: 1.04 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.324873 |
| <b>SAR 1g (W/Kg)</b>  | 0.572547 |



LTE IV

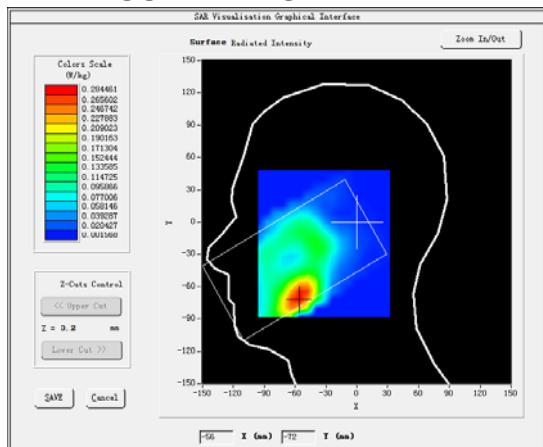
**MEASUREMENT 1**

Lower Band SAR (Channel 20050):

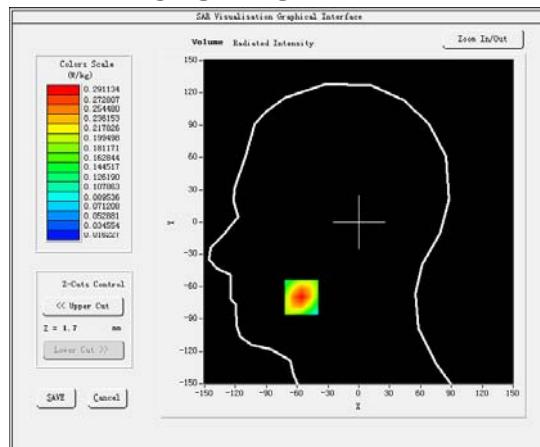
Date: 05/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 1720.000000   |
| <b>Relative permittivity (real part)</b>      | 39.111249   |
| <b>Relative permittivity (imaginary part)</b> | 12.468850   |
| <b>Conductivity (S/m)</b>                     | 1.340792  |
| <b>Variation (%)</b>                          | -3.780000   |
| <b>Crest Factor</b>                           | 1.0   |
| <b>Probe Conversion factor</b>                | 4.21  |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Right head</u>   |
| <b>Device Position</b>                        | <u>Cheek</u>  |
| <b>Band</b>                                   | <u>LTE band 4</u>   |

**SURFACE SAR**

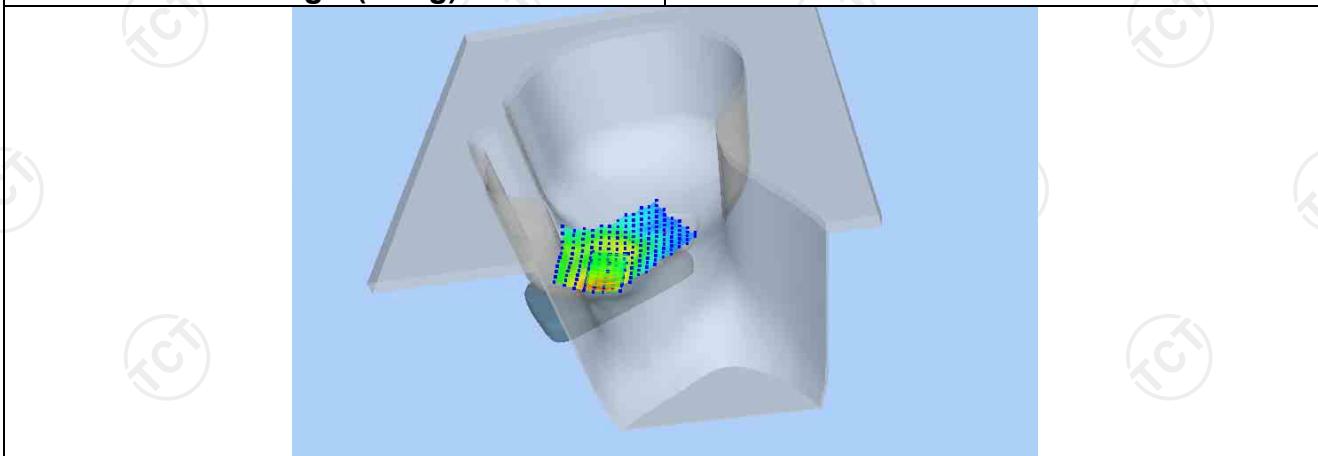


**VOLUME SAR**



**Maximum location: X=-56.00, Y=-70.00 SAR Peak: 0.39 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.173499 |
| <b>SAR 1g (W/Kg)</b>  | 0.273824 |

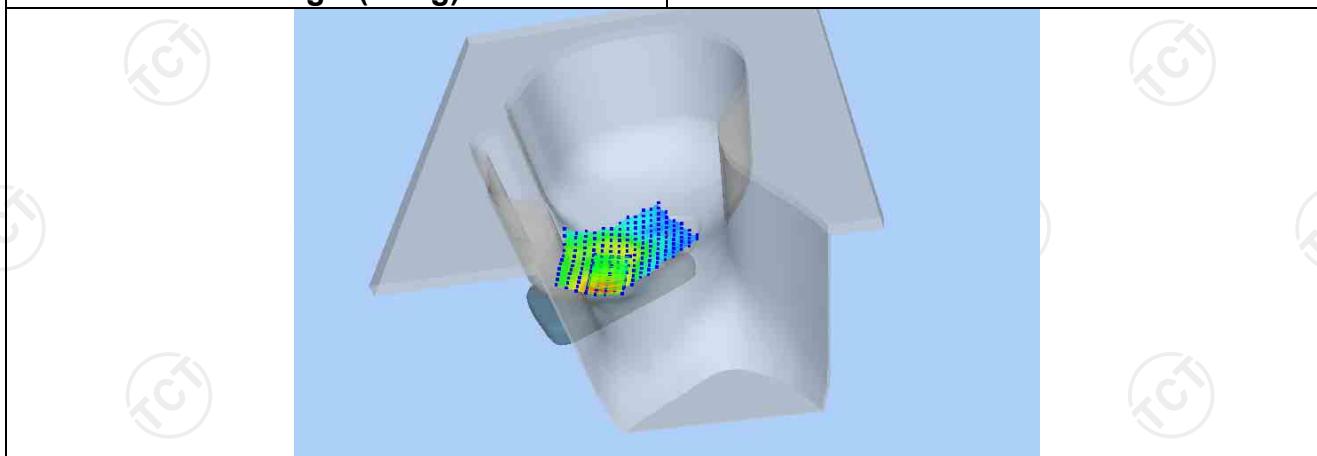


**MEASUREMENT 2**

Lower Band SAR (Channel 20050):

Date: 05/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>  | 1720.000000   |
| <b>Relative permittivity (real part)</b>                        | 39.111249   |
| <b>Relative permittivity (imaginary part)</b>                   | 12.468850   |
| <b>Conductivity (S/m)</b>                                       | 1.340792  |
| <b>Variation (%)</b>  | 2.140000  |
| <b>Crest Factor</b>   | 1.0   |
| <b>Probe Conversion factor</b>                                  | 4.33  |
| <b>Area Scan</b>  | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>   | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u><br><u>5.00 mm</u> |
| <b>Phantom</b>  | <u>Right head</u>   |
| <b>Device Position</b>  | <u>Cheek</u>  |
| <b>Band</b>   | <u>LTE band 4</u>   |
| <b>SURFACE SAR</b>  | <b>VOLUME SAR</b>   |
|   |   |
| <b>Maximum location: X=-56.00, Y=-70.00 SAR Peak: 0.31 W/kg</b> |   |
| <b>SAR 10g (W/Kg)</b>   | 0.153267  |
| <b>SAR 1g (W/Kg)</b>  | 0.201458  |



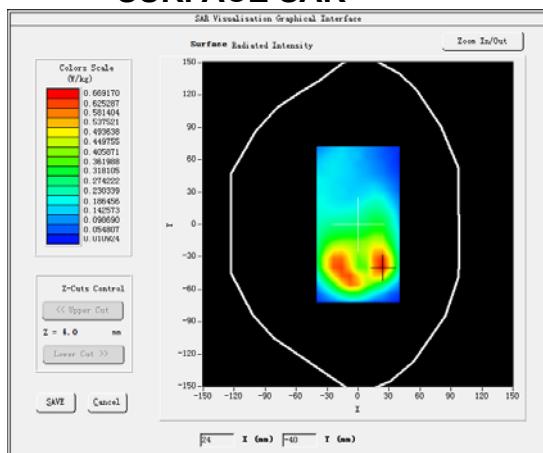
**MEASUREMENT 3**

Lower Band SAR (Channel 20050):

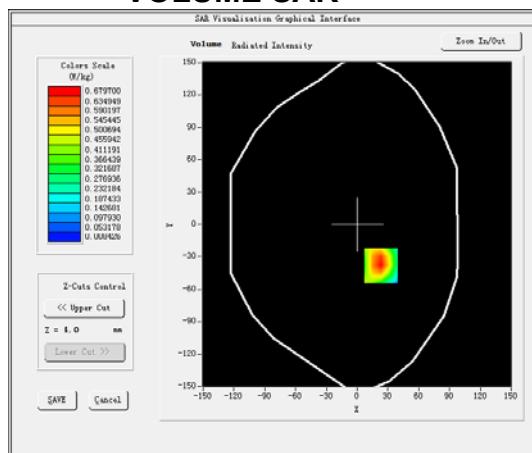
Date: 05/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 1720.000000   |
| <b>Relative permittivity (real part)</b>      | 53.341259   |
| <b>Relative permittivity (imaginary part)</b> | 12.468850   |
| <b>Conductivity (S/m)</b>                     | 1.492541  |
| <b>Variation (%)</b>                          | 1.130000  |
| <b>Crest Factor</b>                           | 1.0   |
| <b>Probe Conversion factor</b>                | 4.33  |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Validation plane</u>   |
| <b>Device Position</b>                        | <u>Body back</u>  |
| <b>Band</b>                                   | <u>LTE band 4</u>   |

**SURFACE SAR**

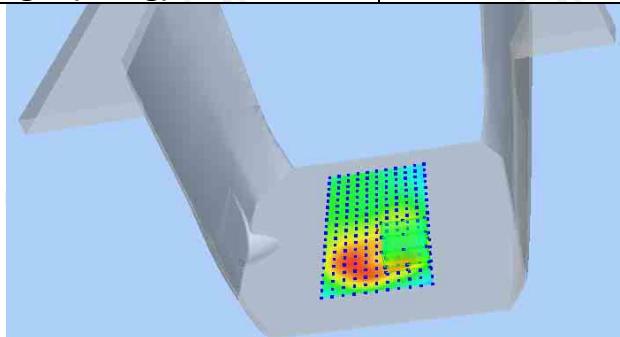


**VOLUME SAR**



**Maximum location: X=23.00, Y=-38.00 SAR Peak: 1.29 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.307046 |
| <b>SAR 1g (W/Kg)</b>  | 0.648106 |



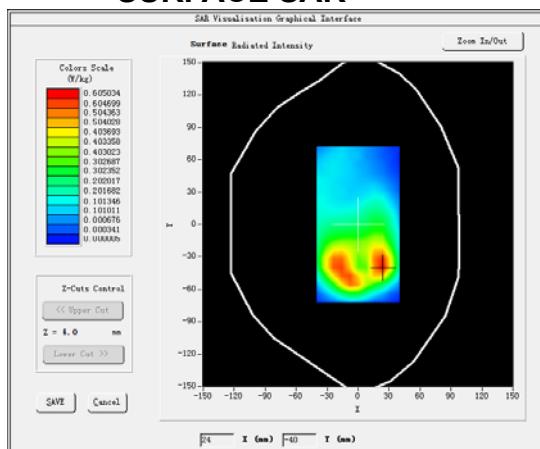
**MEASUREMENT 4**

Lower Band SAR (Channel 20050):

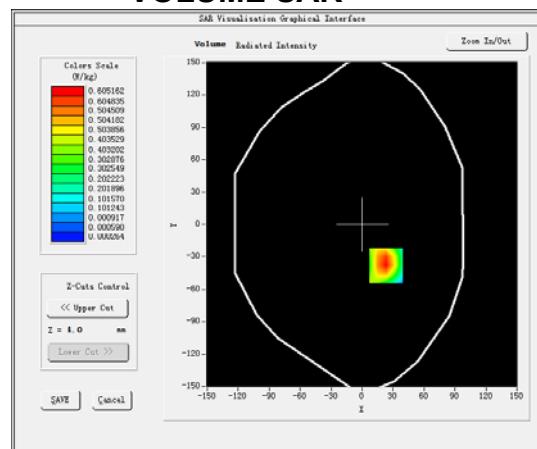
Date: 05/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 1720.000000   |
| <b>Relative permittivity (real part)</b>      | 53.341259   |
| <b>Relative permittivity (imaginary part)</b> | 12.468850   |
| <b>Conductivity (S/m)</b>                     | 1.492541  |
| <b>Variation (%)</b>                          | 2.330000  |
| <b>Crest Factor</b>                           | 1.0   |
| <b>Probe Conversion factor</b>                | 4.33  |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Validation plane</u>   |
| <b>Device Position</b>                        | <u>Body back</u>  |
| <b>Band</b>                                   | <u>LTE band 4</u>   |

**SURFACE SAR**

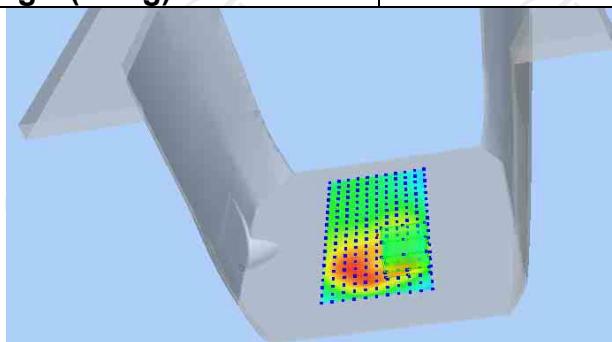


**VOLUME SAR**



**Maximum location: X=23.00, Y=-38.00 SAR Peak: 1.03 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.312587 |
| <b>SAR 1g (W/Kg)</b>  | 0.541587 |



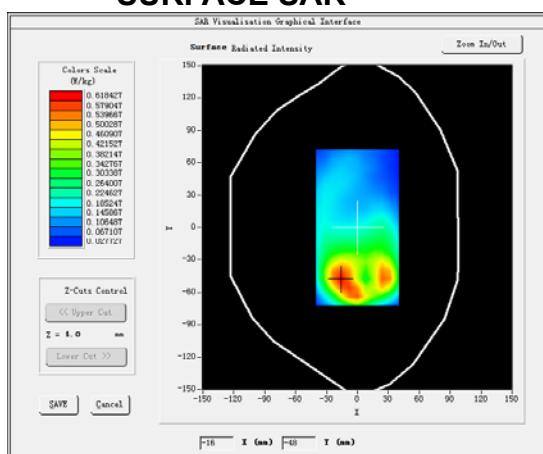
**MEASUREMENT 5**

Lower Band SAR (Channel 20050):

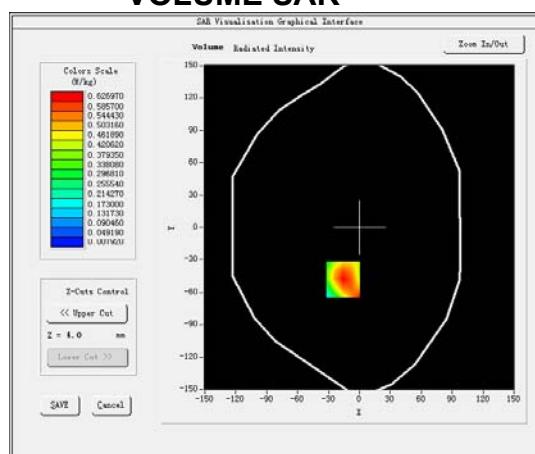
Date: 05/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 1720.000000   |
| <b>Relative permittivity (real part)</b>      | 53.341259   |
| <b>Relative permittivity (imaginary part)</b> | 12.468850   |
| <b>Conductivity (S/m)</b>                     | 1.492541  |
| <b>Variation (%)</b>                          | -0.650000   |
| <b>Crest Factor</b>                           | 1.0   |
| <b>Probe Conversion factor</b>                | 4.33  |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Validation plane</u>   |
| <b>Device Position</b>                        | <u>Body front</u>   |
| <b>Band</b>                                   | <u>LTE band 1</u>   |

**SURFACE SAR**

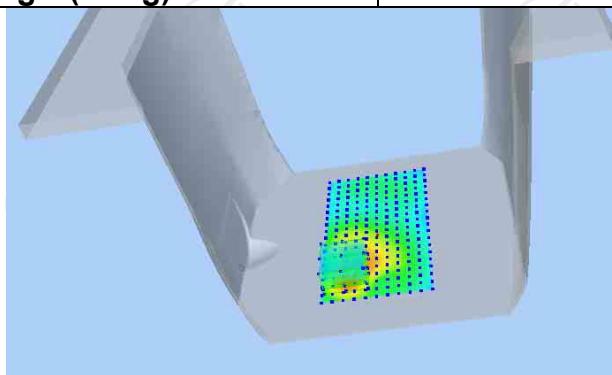


**VOLUME SAR**



**Maximum location: X=-16.00, Y=-48.00 SAR Peak: 1.16 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.281875 |
| <b>SAR 1g (W/Kg)</b>  | 0.594625 |



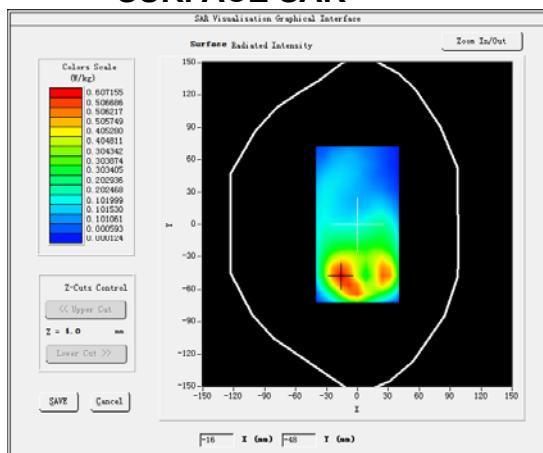
**MEASUREMENT 6**

Lower Band SAR (Channel 20050):

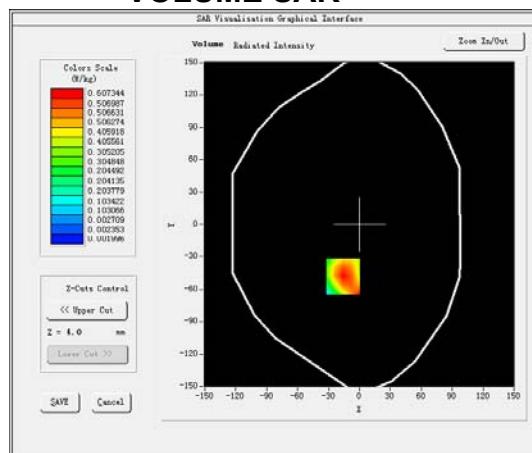
Date: 05/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 1720.000000   |
| <b>Relative permittivity (real part)</b>      | 53.341259   |
| <b>Relative permittivity (imaginary part)</b> | 12.468850   |
| <b>Conductivity (S/m)</b>                     | 1.492541  |
| <b>Variation (%)</b>                          | 0.330000  |
| <b>Crest Factor</b>                           | 1.0   |
| <b>Probe Conversion factor</b>                | 4.33  |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Validation plane</u>   |
| <b>Device Position</b>                        | <u>Body front</u>   |
| <b>Band</b>                                   | <u>LTE band 4</u>   |

**SURFACE SAR**

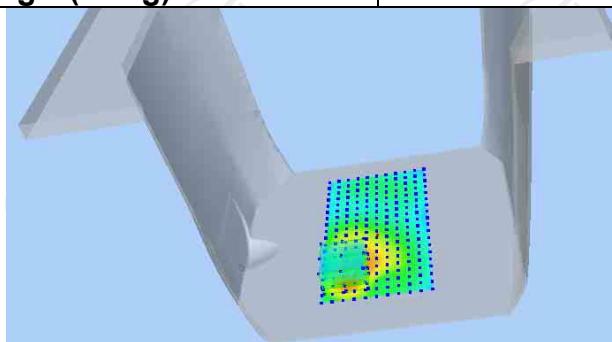


**VOLUME SAR**



**Maximum location: X=-16.00, Y=-48.00 SAR Peak: 1.02W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.281875 |
| <b>SAR 1g (W/Kg)</b>  | 0.572547 |

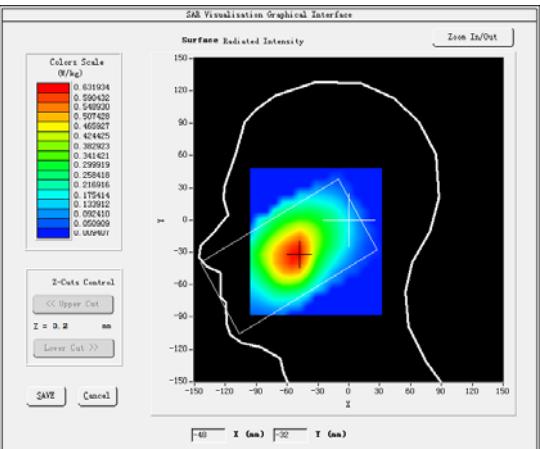
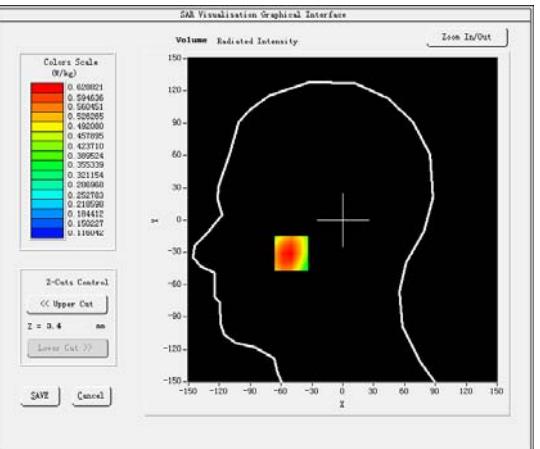


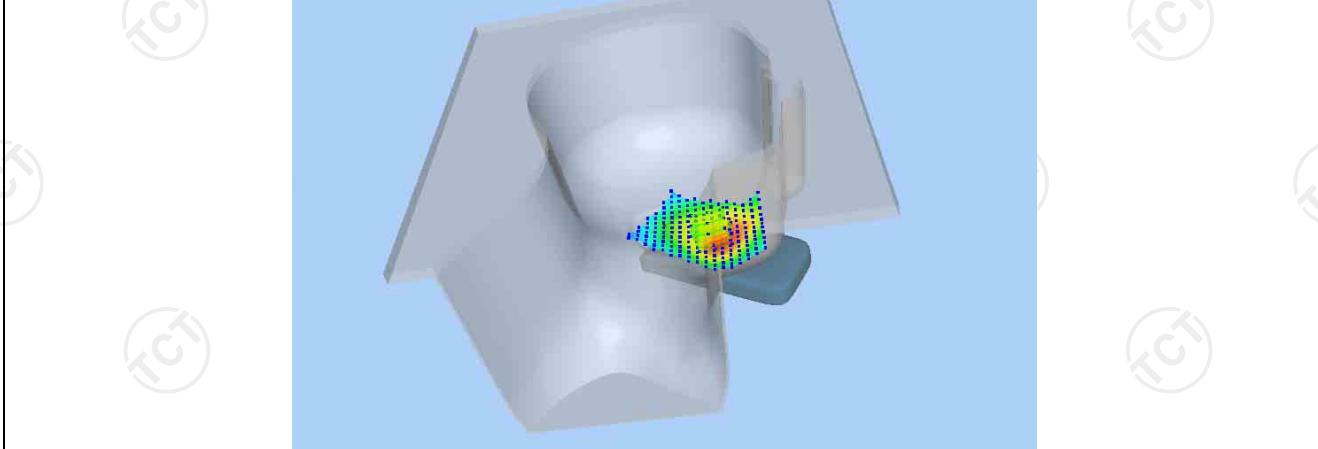
LTE VII

**MEASUREMENT 1**

Lower SAR (Channel 20850):

Date: 07/09/2016

|  |   |
|--|---|
| <b>Frequency (MHz)</b>   | 2510.000000   |
| <b>Relative permittivity (real part)</b>   | 37.723589   |
| <b>Relative permittivity (imaginary part)</b>                                      | 13.671675   |
| <b>Conductivity (S/m)</b>  | 1.867891  |
| <b>Variation (%)</b>   | -2.070000   |
| <b>Crest Factor</b>  | 1.0   |
| <b>Probe Conversion factor</b>   | 4.18  |
| <b>Area Scan</b>   | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>  | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u>     |
| <b>Phantom</b>   | <u>Left head</u>  |
| <b>Device Position</b>   | <u>Cheek(QPSK 1RB)</u>  |
| <b>Band</b>  | <u>LTE band 7</u>   |
| <b>SURFACE SAR</b>   | <b>VOLUME SAR</b>   |
|  |  |
| <b>Maximum location: X=-50.00, Y=-31.00 SAR Peak: 0.67 W/kg</b>                    |   |
| <b>SAR 10g (W/Kg)</b>  | 0.252042  |
| <b>SAR 1g (W/Kg)</b>   | 0.321644  |



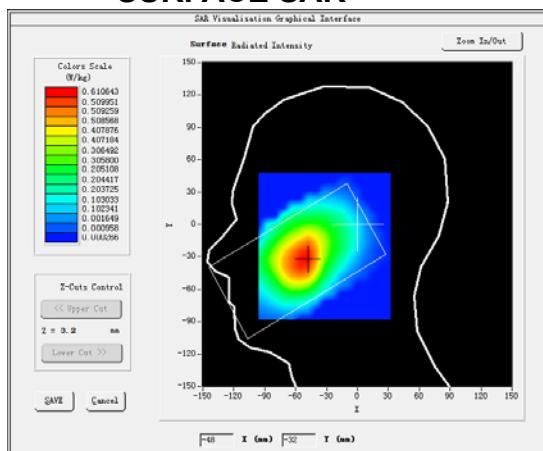
**MEASUREMENT 2**

Lower SAR (Channel 20850):

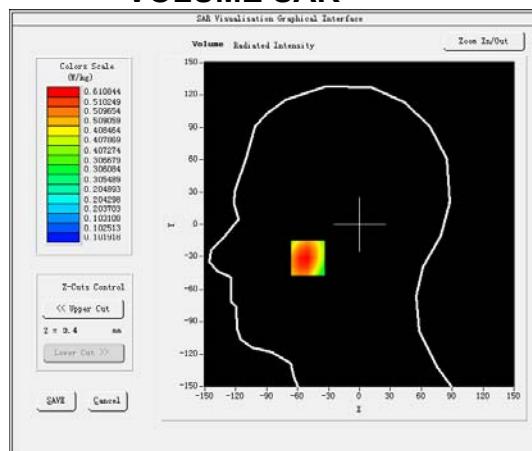
Date: 07/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 2510.000000   |
| <b>Relative permittivity (real part)</b>      | 37.723589   |
| <b>Relative permittivity (imaginary part)</b> | 13.671675   |
| <b>Conductivity (S/m)</b>                     | 1.867891  |
| <b>Variation (%)</b>                          | 0.400000  |
| <b>Crest Factor</b>                           | 1.0   |
| <b>Probe Conversion factor</b>                | 4.31  |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Left head</u>  |
| <b>Device Position</b>                        | <u>Cheek(QPSK 50%RB)</u>  |
| <b>Band</b>                                   | <u>LTE band 7</u>   |

**SURFACE SAR**

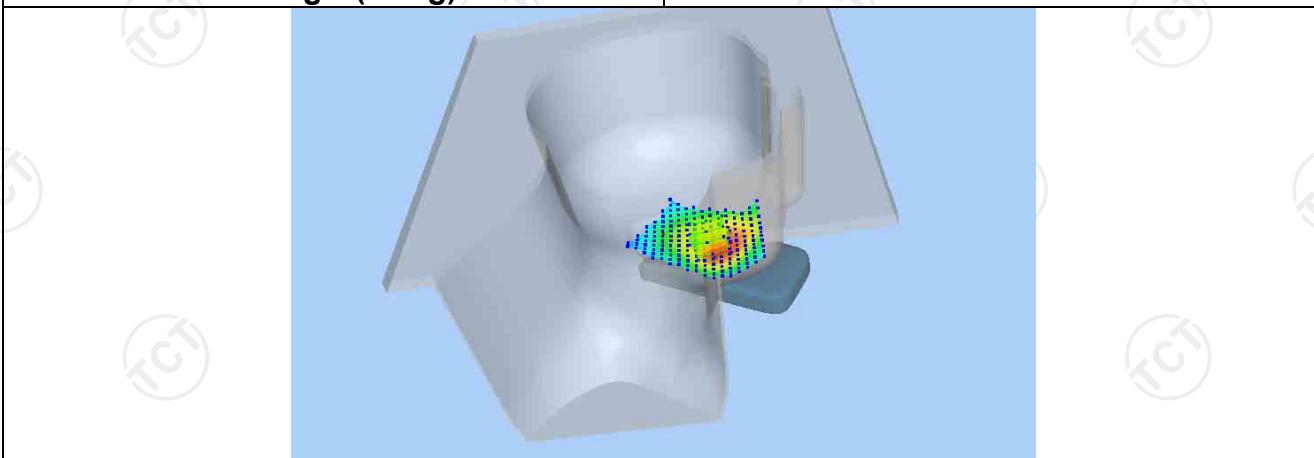


**VOLUME SAR**



**Maximum location: X=-50.00, Y=-31.00 SAR Peak: 0.60 W/kg**

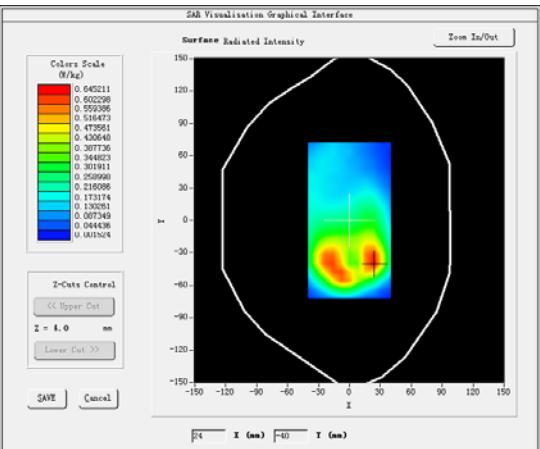
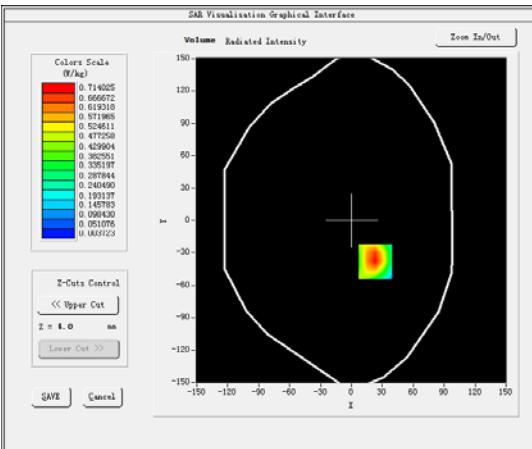
|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.187451 |
| <b>SAR 1g (W/Kg)</b>  | 0.251254 |

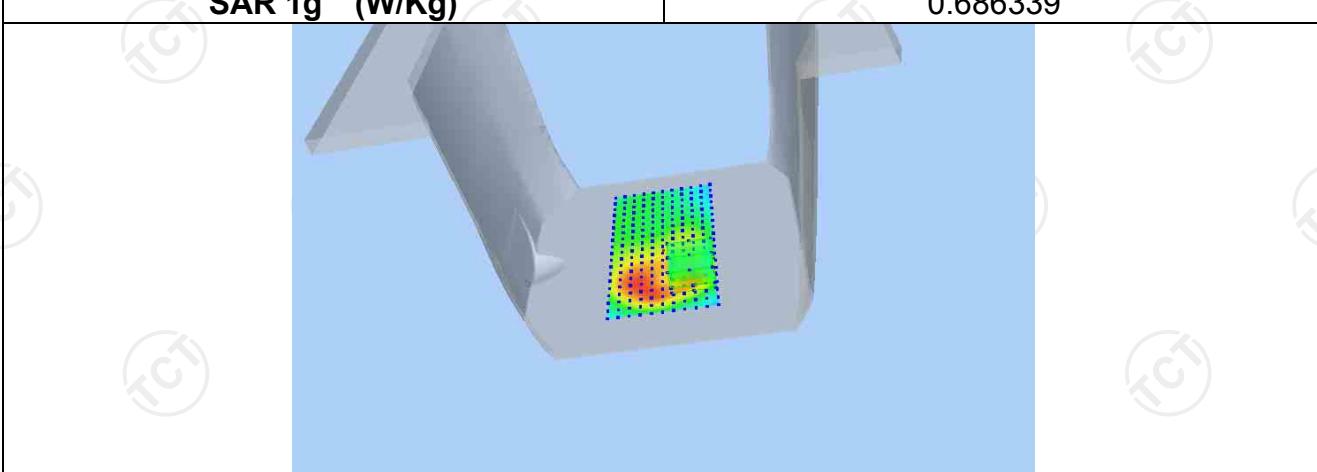


**MEASUREMENT 3**

Lower SAR (Channel 20850):

Date: 07/09/2016

|  |   |
|--|---|
| <b>Frequency (MHz)</b>   | 2510.000000   |
| <b>Relative permittivity (real part)</b>   | 53.482578   |
| <b>Relative permittivity (imaginary part)</b>                                      | 13.671675   |
| <b>Conductivity (S/m)</b>  | 2.052687  |
| <b>Variation (%)</b>   | 0.280000  |
| <b>Crest Factor</b>  | 1.0   |
| <b>Probe Conversion factor</b>   | 4.31  |
| <b>Area Scan</b>   | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>  | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u>     |
| <b>Phantom</b>   | <u>Validation plane</u>   |
| <b>Device Position</b>   | <u>Body back(QPSK 1RB)</u>  |
| <b>Band</b>  | <u>LTE band 7</u>   |
| <b>SURFACE SAR</b>   | <b>VOLUME SAR</b>   |
|  |  |
| <b>Maximum location: X=23.00, Y=-38.00 SAR Peak: 1.48 W/kg</b>                     |   |
| <b>SAR 10g (W/Kg)</b>  | 0.286984  |
| <b>SAR 1g (W/Kg)</b>   | 0.686339  |



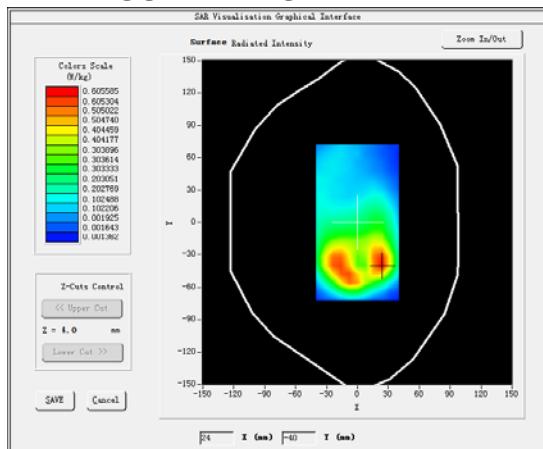
**MEASUREMENT 4**

Lower SAR (Channel 20850):

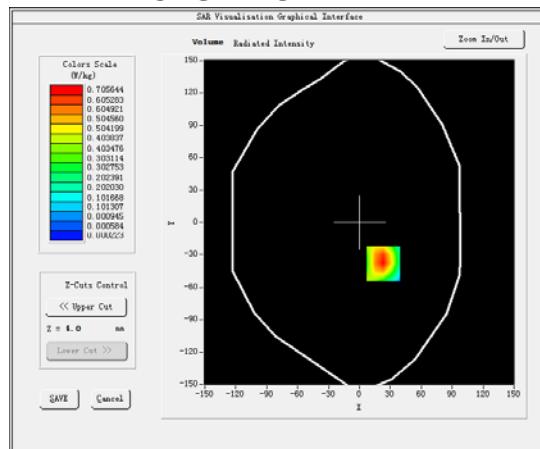
Date: 07/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 2510.000000   |
| <b>Relative permittivity (real part)</b>      | 53.482578   |
| <b>Relative permittivity (imaginary part)</b> | 13.671675   |
| <b>Conductivity (S/m)</b>                     | 2.052687  |
| <b>Variation (%)</b>                          | 0.690000  |
| <b>Crest Factor</b>                           | 1.0   |
| <b>Probe Conversion factor</b>                | 4.31  |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Validation plane</u>   |
| <b>Device Position</b>                        | <u>Body back(QPSK 50%RB)</u>  |
| <b>Band</b>                                   | <u>LTE band 7</u>   |

**SURFACE SAR**

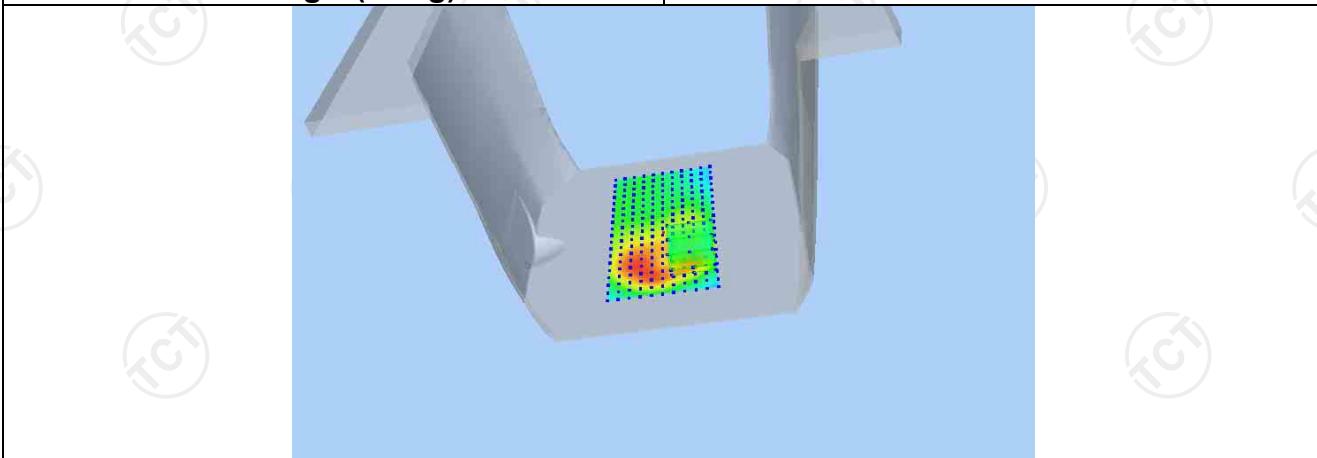


**VOLUME SAR**



**Maximum location: X=23.00, Y=-38.00 SAR Peak: 1.37 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.282547 |
| <b>SAR 1g (W/Kg)</b>  | 0.542587 |



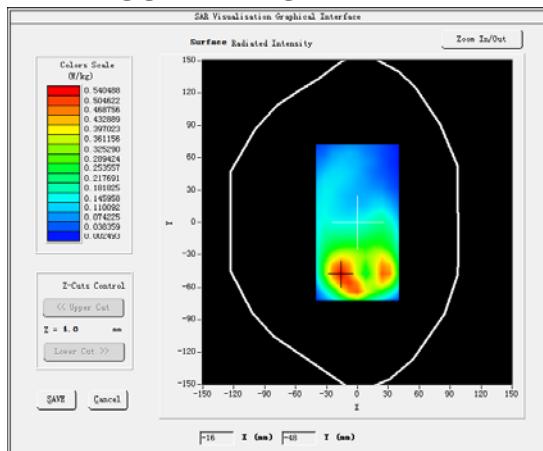
**MEASUREMENT 5**

Lower SAR (Channel 20850):

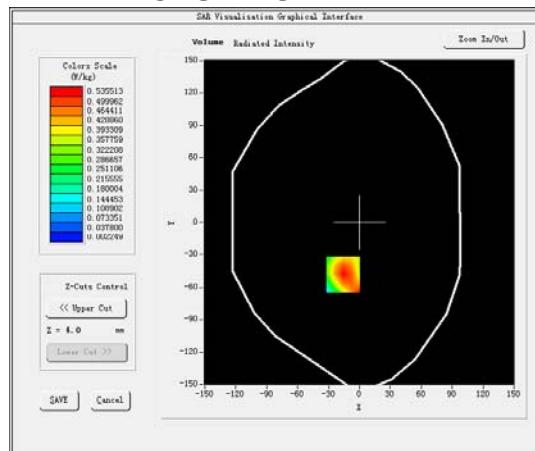
Date: 07/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 2510.000000   |
| <b>Relative permittivity (real part)</b>      | 53.482578   |
| <b>Relative permittivity (imaginary part)</b> | 13.671675   |
| <b>Conductivity (S/m)</b>                     | 2.052687  |
| <b>Variation (%)</b>                          | -0.870000   |
| <b>Crest Factor</b>                           | 1.0   |
| <b>Probe Conversion factor</b>                | 4.31  |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Validation plane</u>   |
| <b>Device Position</b>                        | <u>Body front(QPSK 1RB)</u>   |
| <b>Band</b>                                   | <u>LTE band 7</u>   |

**SURFACE SAR**

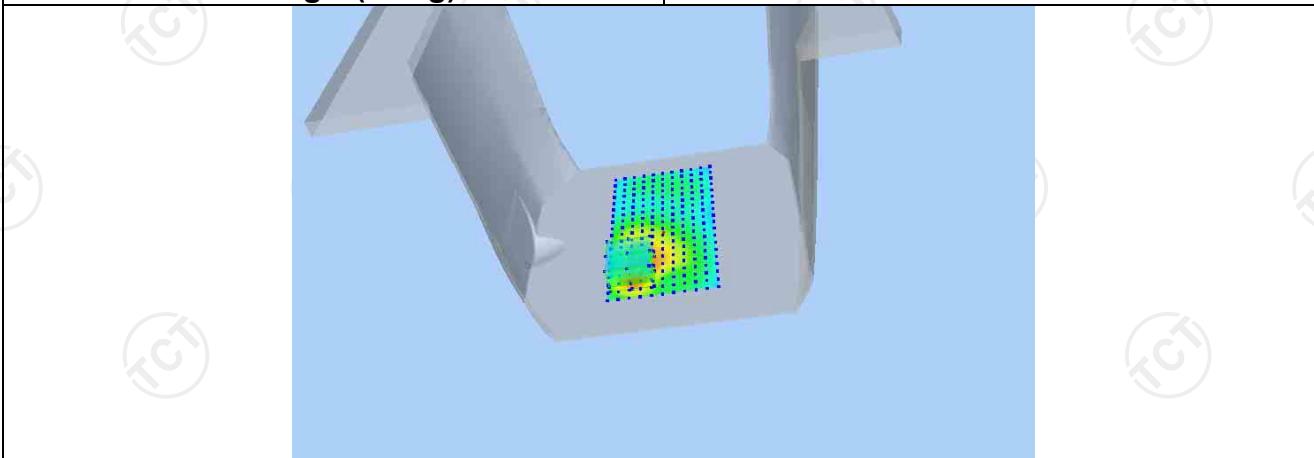


**VOLUME SAR**



**Maximum location: X=-16.00, Y=-48.00 SAR Peak: 1.12 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.225504 |
| <b>SAR 1g (W/Kg)</b>  | 0.520751 |



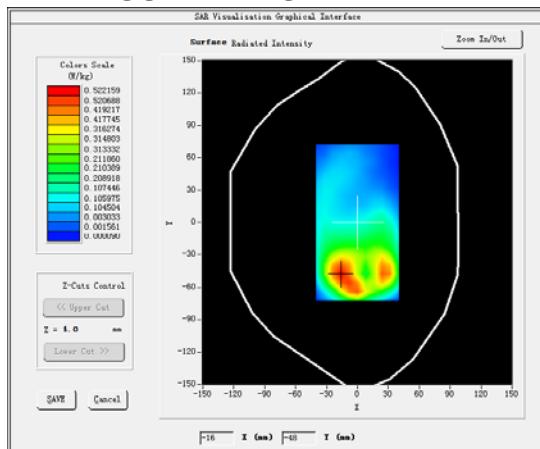
**MEASUREMENT 6**

Lower SAR (Channel 20850):

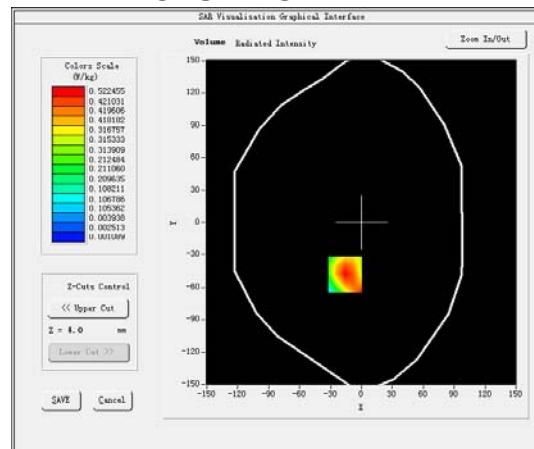
Date: 07/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 2510.000000   |
| <b>Relative permittivity (real part)</b>      | 53.482578   |
| <b>Relative permittivity (imaginary part)</b> | 13.671675   |
| <b>Conductivity (S/m)</b>                     | 2.052687  |
| <b>Variation (%)</b>                          | -1.250000   |
| <b>Crest Factor</b>                           | 1.0   |
| <b>Probe Conversion factor</b>                | 4.31  |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Validation plane</u>   |
| <b>Device Position</b>                        | <u>Body front(QPSK 50%RB)</u>   |
| <b>Band</b>                                   | <u>LTE band 7</u>   |

**SURFACE SAR**

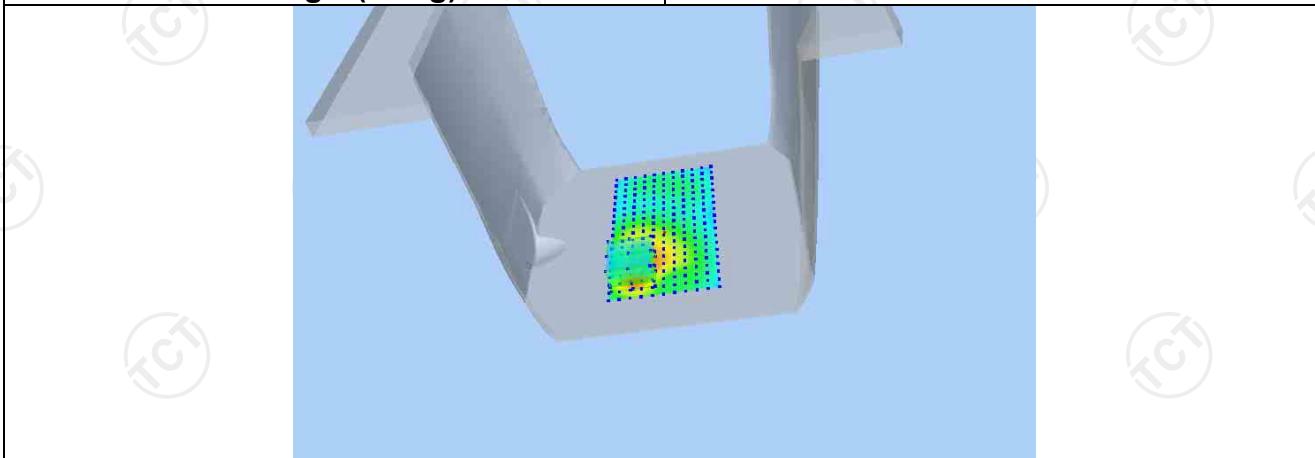


**VOLUME SAR**



**Maximum location: X=-16.00, Y=-48.00 SAR Peak: 1.01 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.214587 |
| <b>SAR 1g (W/Kg)</b>  | 0.490257 |



LTE XVII

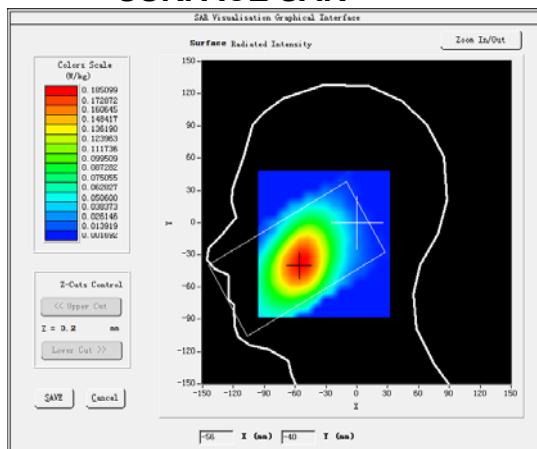
**MEASUREMENT 1**

Lower Band SAR (Channel 23780):

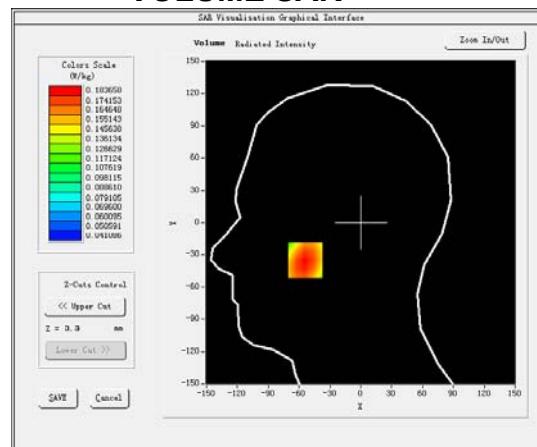
Date: 01/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 709.000000  |
| <b>Relative permittivity (real part)</b>      | 43.722892   |
| <b>Relative permittivity (imaginary part)</b> | 18.296230   |
| <b>Conductivity (S/m)</b>                     | 0.850939  |
| <b>Variation (%)</b>                          | 0.690000  |
| <b>Crest Factor</b>                           | 1.0   |
| <b>Probe Conversion factor</b>                | 4.74  |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7, dx=8mm dy=8mm</u><br><u>dz=5mm, Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Right head</u>   |
| <b>Device Position</b>                        | <u>Cheek</u>  |
| <b>Band</b>                                   | <u>LTE band 17</u>  |

**SURFACE SAR**

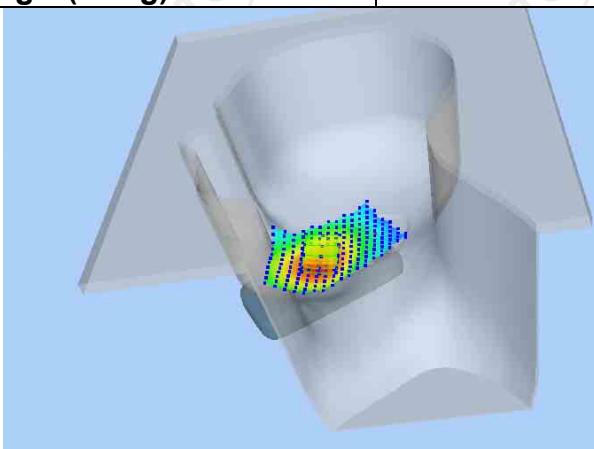


**VOLUME SAR**



Maximum location: X=-54.00, Y=-35.00 SAR Peak: 0.21 W/kg

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.138245 |
| <b>SAR 1g (W/Kg)</b>  | 0.178043 |



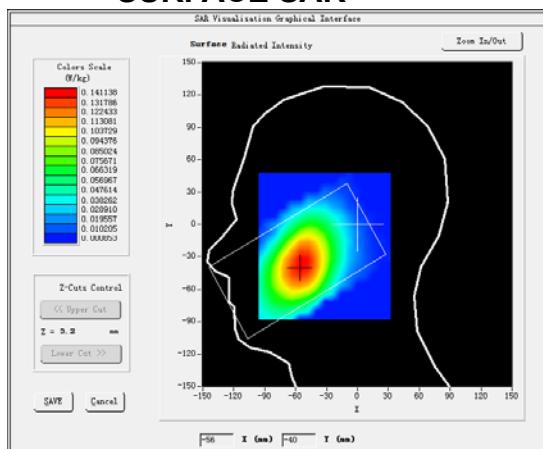
**MEASUREMENT 2**

Lower Band SAR (Channel 23780):

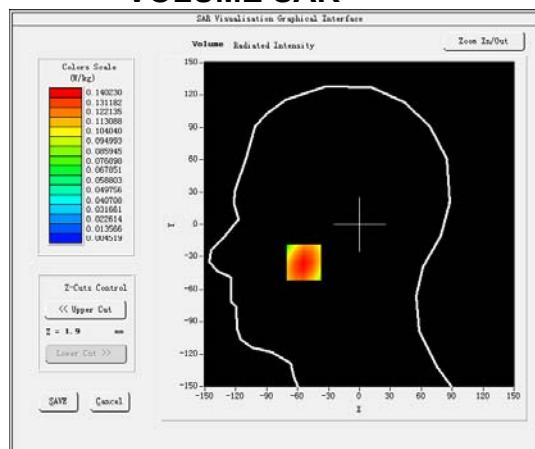
Date: 01/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 709.000000  |
| <b>Relative permittivity (real part)</b>      | 55.520245   |
| <b>Relative permittivity (imaginary part)</b> | 18.296230   |
| <b>Conductivity (S/m)</b>                     | 0.924587  |
| <b>Variation (%)</b>                          | -0.290000   |
| <b>Crest Factor</b>                           | 1.0   |
| <b>Probe Conversion factor</b>                | 4.74  |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Right head</u>   |
| <b>Device Position</b>                        | <u>Cheek</u>  |
| <b>Band</b>                                   | <u>LTE band 17</u>  |

**SURFACE SAR**

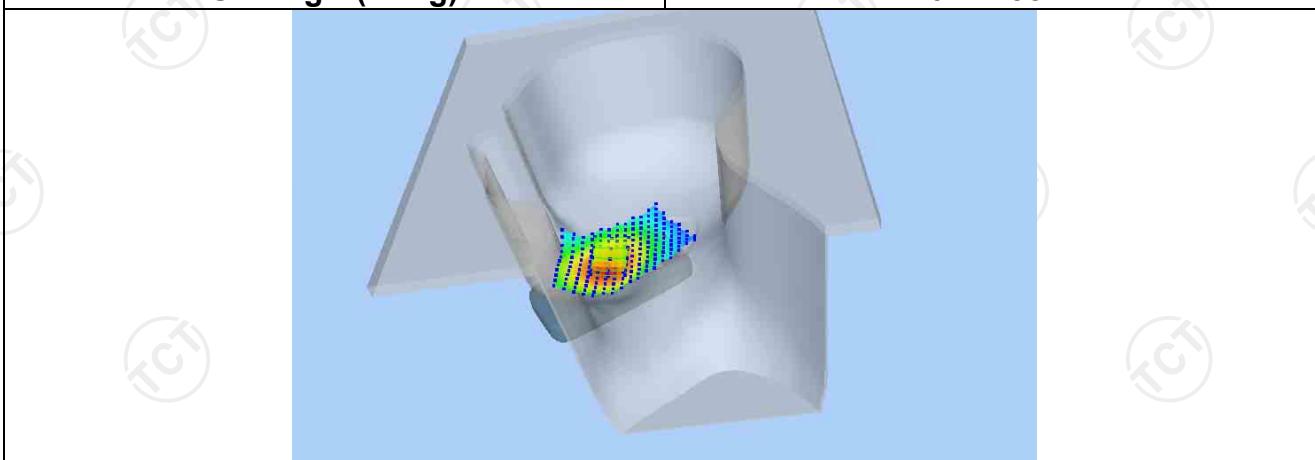


**VOLUME SAR**



**Maximum location: X=-54.00, Y=-35.00 SAR Peak: 0.19 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.098547 |
| <b>SAR 1g (W/Kg)</b>  | 0.144587 |



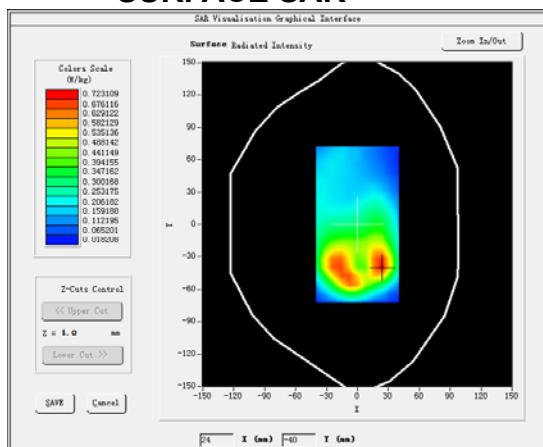
**MEASUREMENT 3**

Lower Band SAR (Channel 23780):

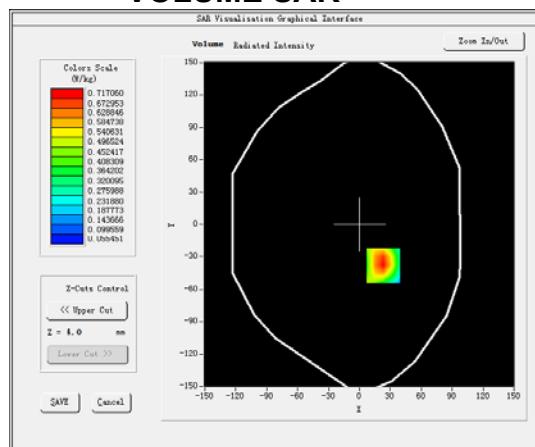
Date: 01/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 709.000000  |
| <b>Relative permittivity (real part)</b>      | 55.520245   |
| <b>Relative permittivity (imaginary part)</b> | 18.296230   |
| <b>Conductivity (S/m)</b>                     | 0.924587  |
| <b>Variation (%)</b>                          | -0.140000   |
| <b>Crest Factor</b>                           | 1.0   |
| <b>Probe Conversion factor</b>                | 4.85  |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Validation plane</u>   |
| <b>Device Position</b>                        | <u>Body back</u>  |
| <b>Band</b>                                   | <u>LTE band 17</u>  |

**SURFACE SAR**

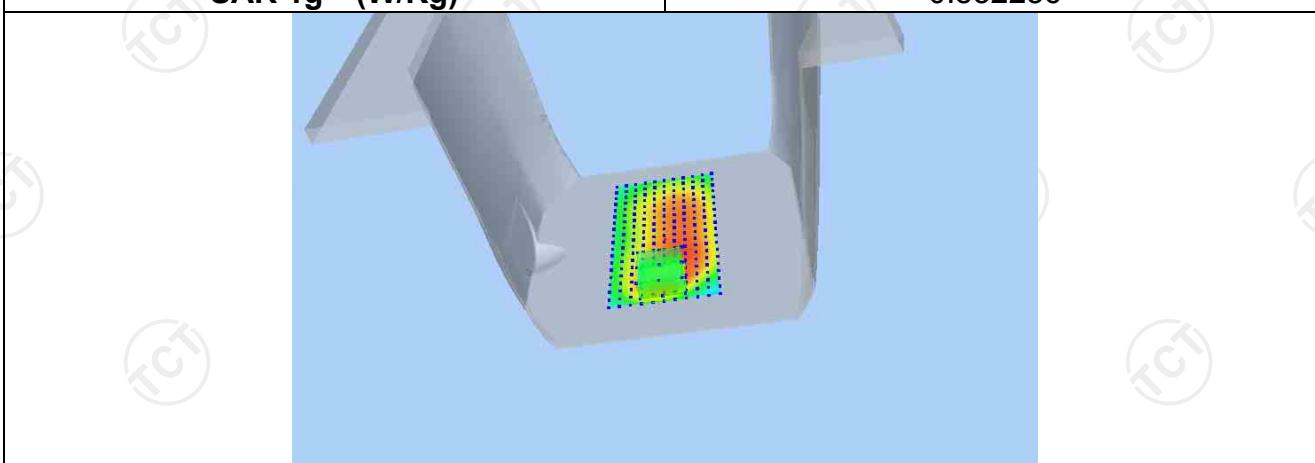


**VOLUME SAR**



**Maximum location: X=23.00, Y=-38.00 SAR Peak: 0.54 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.297782 |
| <b>SAR 1g (W/Kg)</b>  | 0.532256 |



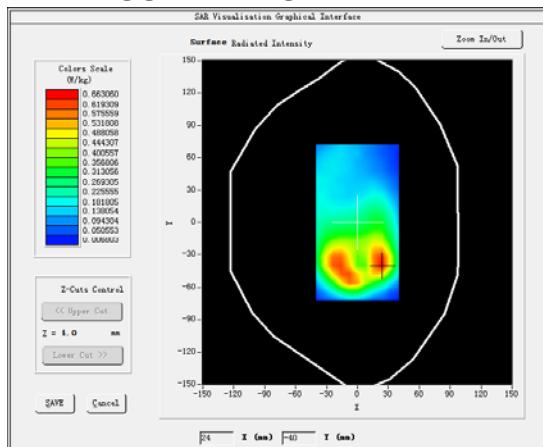
**MEASUREMENT 4**

Lower Band SAR (Channel 23780):

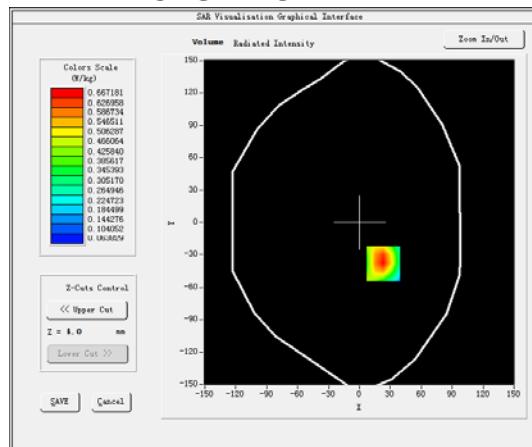
Date: 01/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 709.000000  |
| <b>Relative permittivity (real part)</b>      | 55.520245   |
| <b>Relative permittivity (imaginary part)</b> | 18.296230   |
| <b>Conductivity (S/m)</b>                     | 0.924587  |
| <b>Variation (%)</b>                          | 0.670000  |
| <b>Crest Factor</b>                           | 1.0   |
| <b>Probe Conversion factor</b>                | 4.85  |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Validation plane</u>   |
| <b>Device Position</b>                        | <u>Body back</u>  |
| <b>Band</b>                                   | <u>LTE band 17</u>  |

**SURFACE SAR**

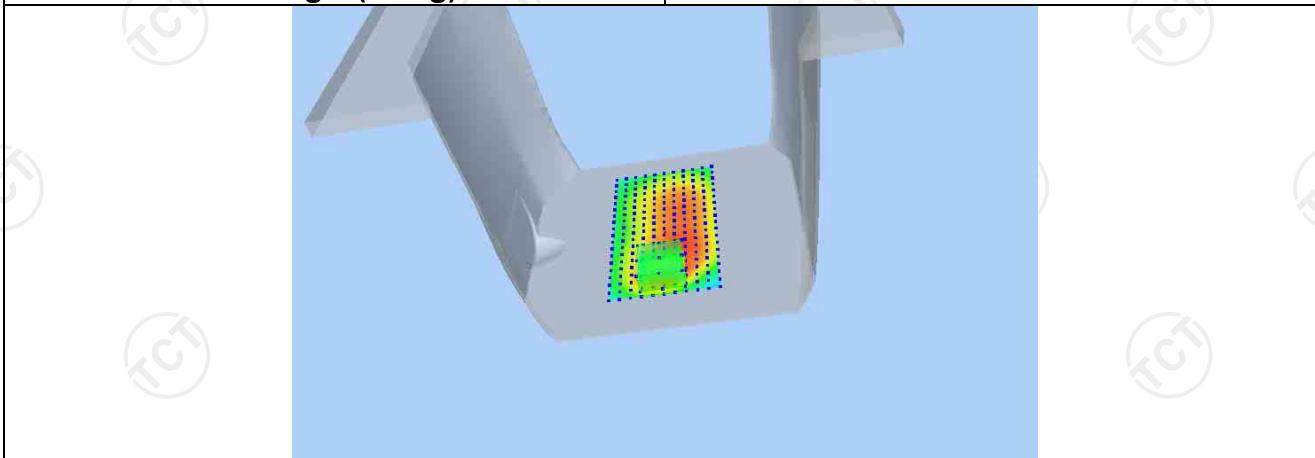


**VOLUME SAR**



**Maximum location: X=23.00, Y=-38.00 SAR Peak: 0.49 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.215478 |
| <b>SAR 1g (W/Kg)</b>  | 0.421587 |



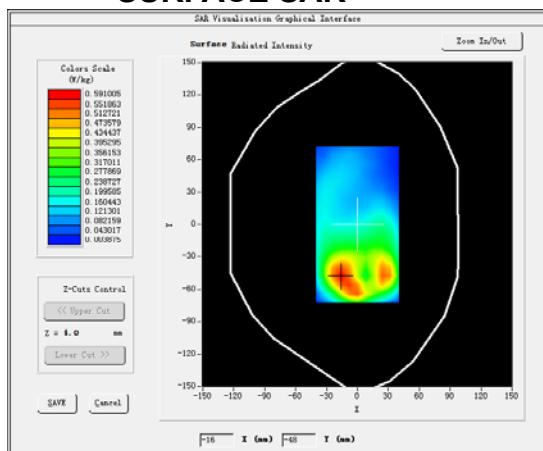
**MEASUREMENT 5**

Lower Band SAR (Channel 23780):

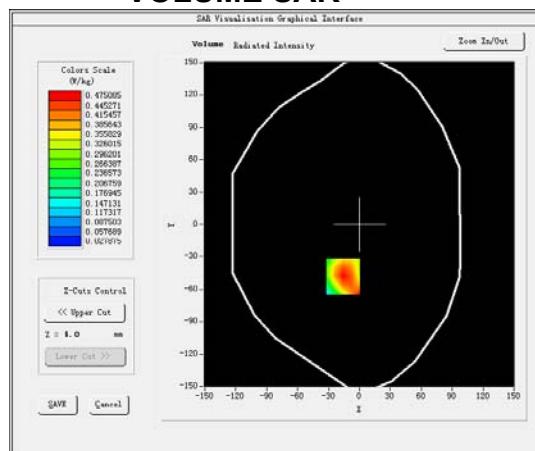
Date: 01/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 709.000000  |
| <b>Relative permittivity (real part)</b>      | 55.520245   |
| <b>Relative permittivity (imaginary part)</b> | 18.296230   |
| <b>Conductivity (S/m)</b>                     | 0.924587  |
| <b>Variation (%)</b>                          | -0.110000   |
| <b>Crest Factor</b>                           | 1.0   |
| <b>Probe Conversion factor</b>                | 4.85  |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Validation plane</u>   |
| <b>Device Position</b>                        | <u>Body front</u>   |
| <b>Band</b>                                   | <u>LTE band 17</u>  |

**SURFACE SAR**

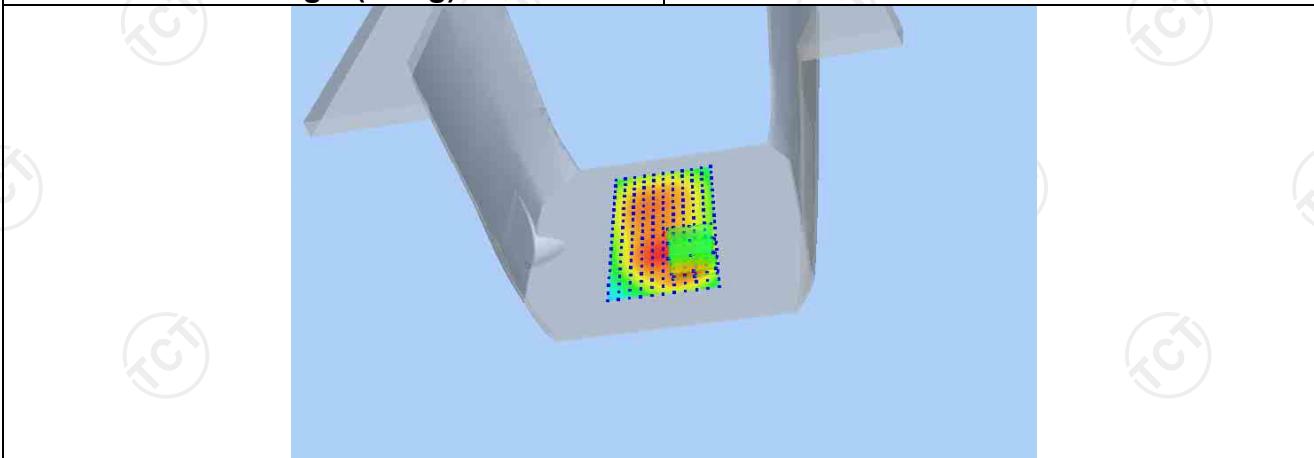


**VOLUME SAR**



**Maximum location: X=-16.00, Y=-48.00 SAR Peak: 0.35 W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.244105 |
| <b>SAR 1g (W/Kg)</b>  | 0.327496 |



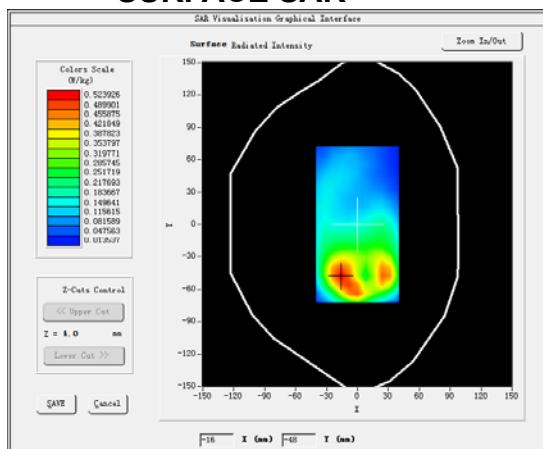
**MEASUREMENT 6**

Lower Band SAR (Channel 23780):

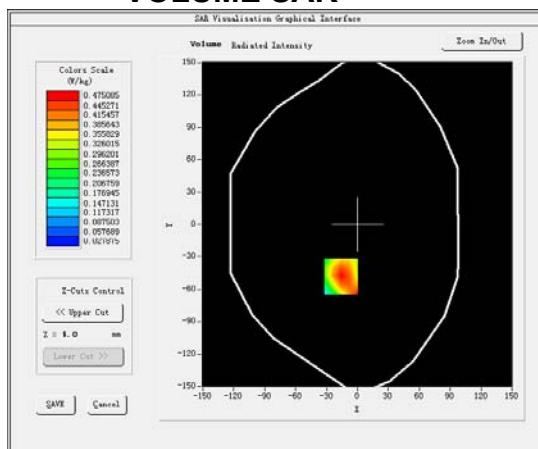
Date: 01/09/2016

|   |   |
|---|---|
| <b>Frequency (MHz)</b>                        | 709.000000  |
| <b>Relative permittivity (real part)</b>      | 55.520254   |
| <b>Relative permittivity (imaginary part)</b> | 18.296230   |
| <b>Conductivity (S/m)</b>                     | 0.921458  |
| <b>Variation (%)</b>                          | 0.970000  |
| <b>Crest Factor</b>                           | 1.0   |
| <b>Probe Conversion factor</b>                | 4.85  |
| <b>Area Scan</b>                              | <u>dx=8mm dy=8mm, h= 5.00 mm</u>  |
| <b>ZoomScan</b>                               | <u>5x5x7,dx=8mm dy=8mm</u><br><u>dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm</u> |
| <b>Phantom</b>                                | <u>Validation plane</u>   |
| <b>Device Position</b>                        | <u>Body front</u>   |
| <b>Band</b>                                   | <u>LTE band 17</u>  |

**SURFACE SAR**



**VOLUME SAR**



**Maximum location: X=-16.00, Y=-48.00 SAR Peak: 0.30W/kg**

|                       |          |
|-----------------------|----------|
| <b>SAR 10g (W/Kg)</b> | 0.154789 |
| <b>SAR 1g (W/Kg)</b>  | 0.241254 |

