

### 9.7. Test Equipment List

Test Equipment	Manufacturer	Model	Serial Number	Calibration	
				Calibration Date (D.M.Y)	Calibration Due (D.M.Y)
PC	Lenovo	H3050	N/A	N/A	N/A
Signal Generator	Agilent	N5182A	MY47070282	Feb. 01, 2024	Jan. 30, 2025
Multimeter	Keithley	Multimeter 2000	4078275	Feb. 01, 2024	Jan. 30, 2025
Network Analyzer	Agilent	8753E	US38432457	Feb. 01, 2024	Jan. 30, 2025
Wideband Radio Communication Tester	R&S	CMW500	114220	Feb. 01, 2024	Jan. 30, 2025
Power Meter	Agilent	E4418B	GB43312526	Feb. 01, 2024	Jan. 30, 2025
Power Meter	Agilent	E4416A	MY45101555	Feb. 01, 2024	Jan. 30, 2025
Power Meter	Agilent	N1912A	MY50001018	Feb. 01, 2024	Jan. 30, 2025
Power Sensor	Agilent	E9301A	MY41497725	Feb. 01, 2024	Jan. 30, 2025
Power Sensor	Agilent	E9327A	MY44421198	Feb. 01, 2024	Jan. 30, 2025
Power Sensor	Agilent	E9323A	MY53070005	Feb. 01, 2024	Jan. 30, 2025
Power Amplifier	PE	PE15A4019	112342	N/A	N/A
Directional Coupler	Agilent	722D	MY52180104	N/A	N/A
Attenuator	Chensheng	FF779	134251	N/A	N/A
E-Field PROBE	MVG	SSE2	SN 25/22 EPGO375	Jun 29, 2023	Jun. 28, 2024
DIPOLE 750	MVG	SID750	SN 16/15 DIP 0G750-368	Jun. 05, 2021	Jun. 04, 2024
DIPOLE 835	MVG	SID835	SN 16/15 DIP 0G835-369	Jun. 05, 2021	Jun. 04, 2024
DIPOLE 1800	MVG	SID 1800	SN 16/15 DIP 1G800-371	Jun. 05, 2021	Jun. 04, 2024
DIPOLE 1900	MVG	SID1900	SN 16/15 DIP 1G900-372	Jun. 05, 2021	Jun. 04, 2024
DIPOLE 2450	MVG	SID 2450	SN 16/15 DIP 2G450-374	Jun. 05, 2021	Jun. 04, 2024
DIPOLE 2600	MVG	SID 2600	SN 16/15 DIP 2G600-375	Jun. 05, 2021	Jun. 04, 2024
DIPOLE 5G	MVG	SID 5G	SN 13/14 WGA32	May. 15, 2021	May. 14, 2024
Limesar Dielectric Probe	MVG	SCLMP	SN 19/15 OCPG71	Jun. 05, 2021	Jun. 04, 2024
Communication Antenna	MVG	ANTA59	SN 39/14 ANTA59	N/A	N/A
Mobile Phone Position Device	MVG	MSH101	SN 19/15 MSH101	N/A	N/A
Dummy Probe	MVG	DP66	SN 13/15 DP66	N/A	N/A
SAM PHANTOM	MVG	SAM120	SN 19/15 SAM120	N/A	N/A
PHANTOM TABLE	MVG	TABP101	SN 19/15 TABP101	N/A	N/A
Robot TABLE	MVG	TABP61	SN 19/15 TABP61	N/A	N/A
6 AXIS ROBOT	KUKA	KR6-R900	501822	N/A	N/A

**Note:** 1. N/A means this equipment no need to calibrate  
 2. Each Time means this device need to calibrate every use time  
 3. The dipole was not damaged properly repaired.  
 4. The measured SAR deviates from the calibrated SAR value by less than 10%  
 5. The most recent return-loss result meets the required 20 dB minimum return-loss requirement  
 6. The most recent measurement of the real or imaginary parts of the impedance deviates by less than 5 Ω from the previous measurement.

## 10. System Check Results

Date of measurement: 01/15/2024 Test mode: 750 (Head)

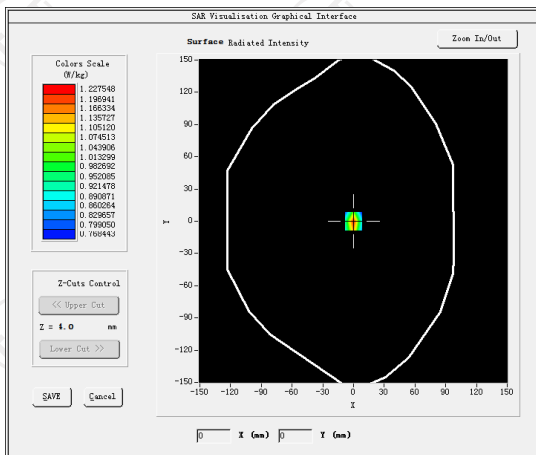
Product Description: Validation

Dipole Model: SID750

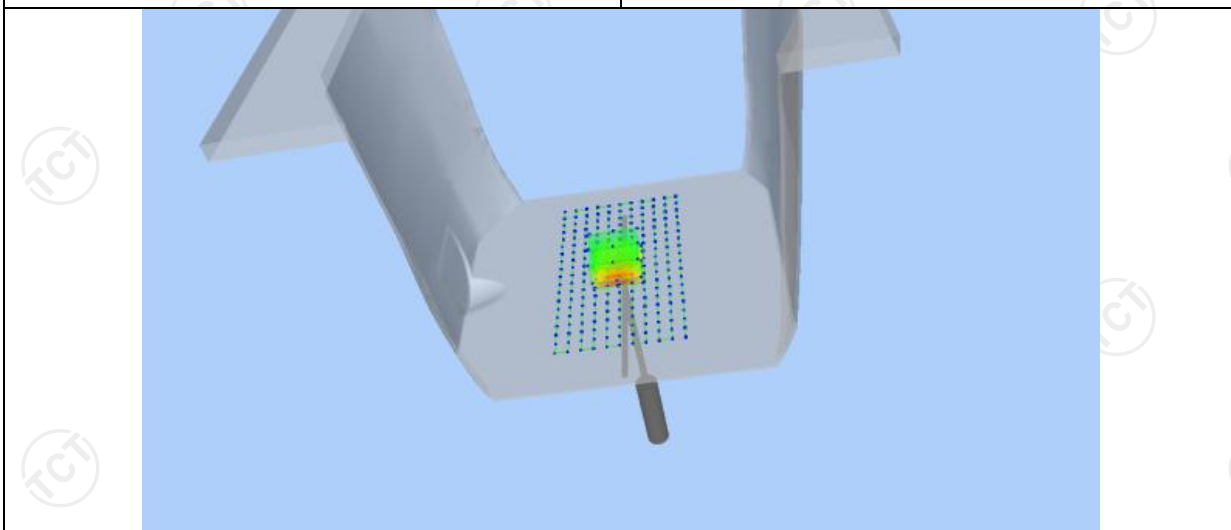
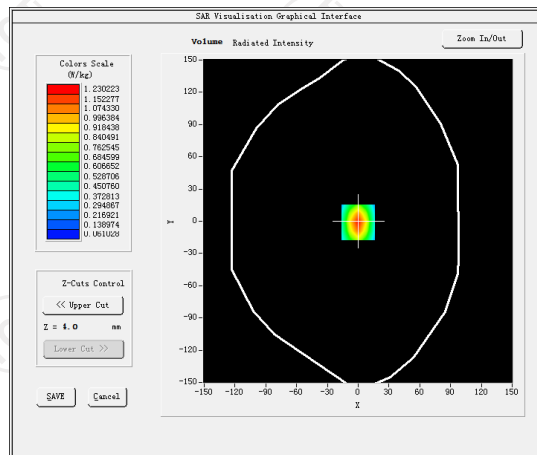
E-Field Probe: SSE2 (SN 25/22 EPGO375)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	1.71
Frequency (MHz)	750.000000
Relative permittivity (real part)	40.761260
Relative permittivity (imaginary part)	17.130904
Conductivity (S/m)	0.931220
Variation (%)	-0.090000
<b>SAR 10g (W/Kg)</b>	<b>0.540421</b>
<b>SAR 1g (W/Kg)</b>	<b>0.804230</b>

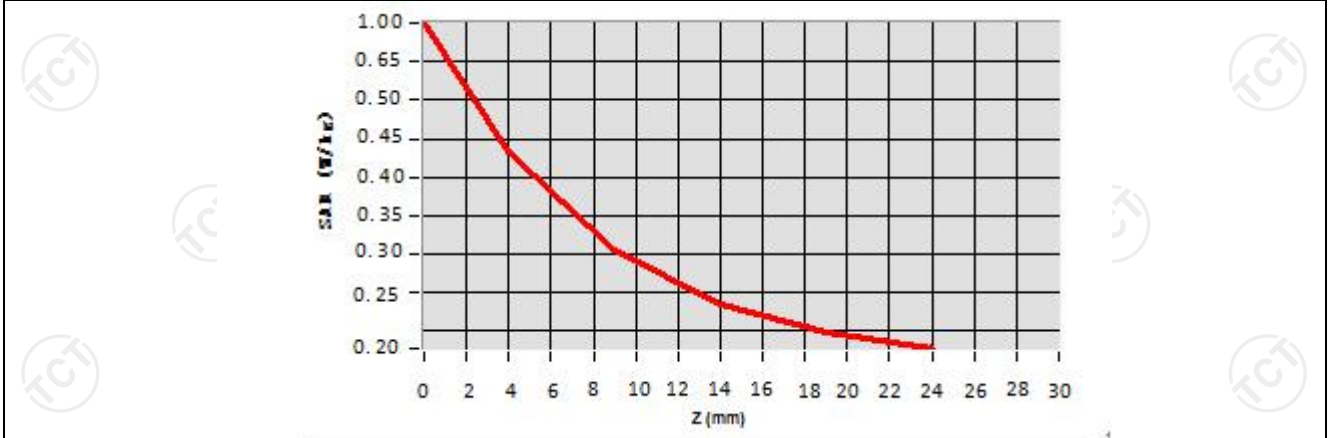
### SURFACE SAR



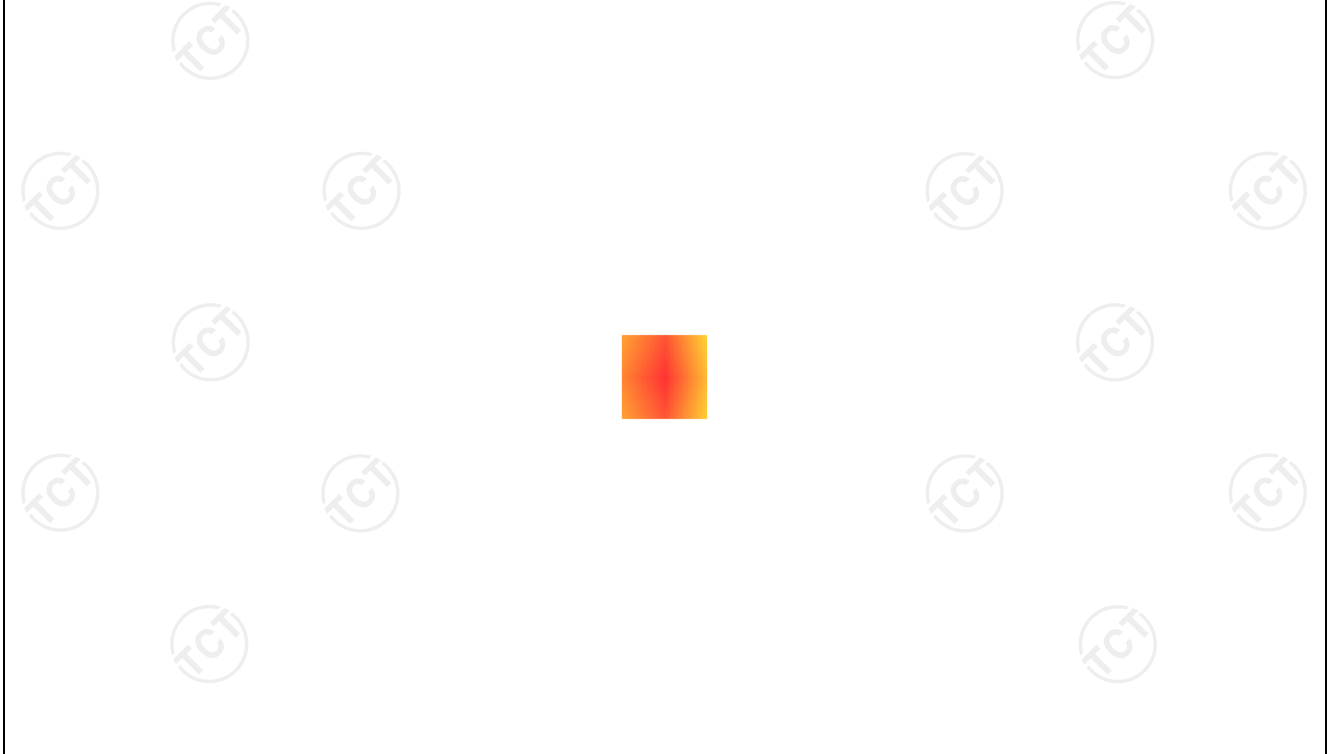
### VOLUME SAR



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.0014	0.4404	0.3024	0.2342	0.2221



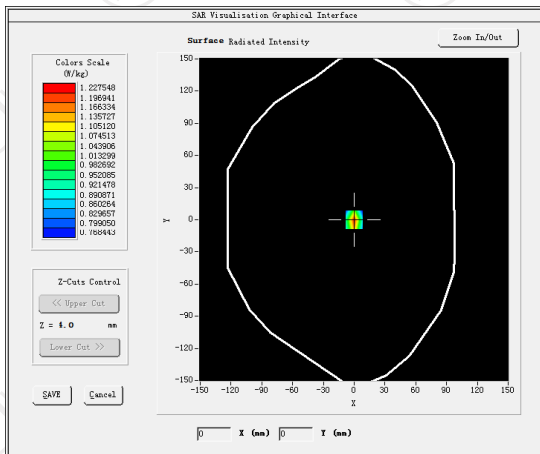
**Hot spot position**



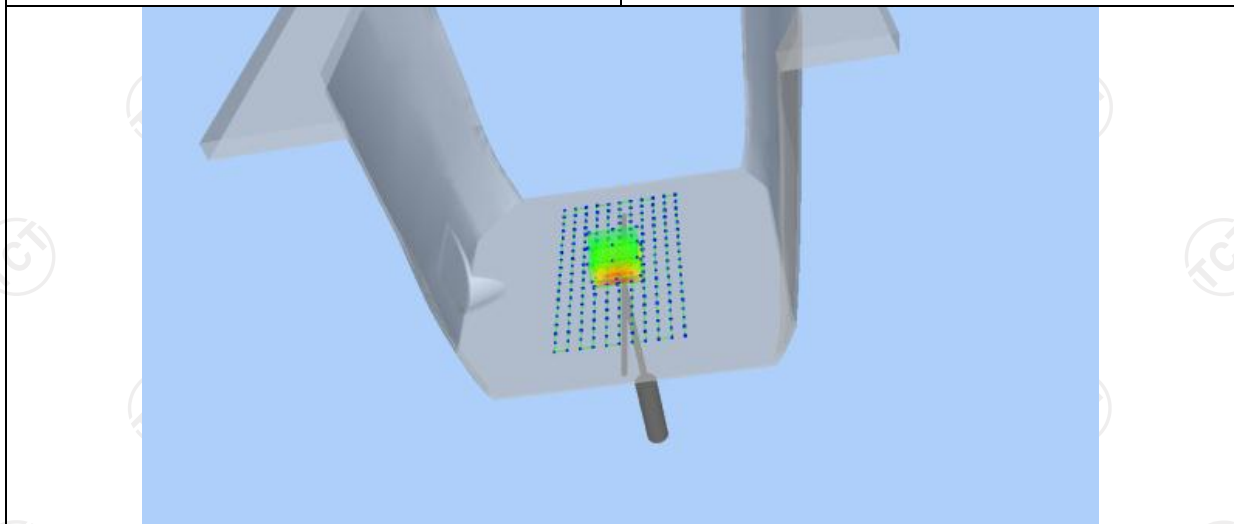
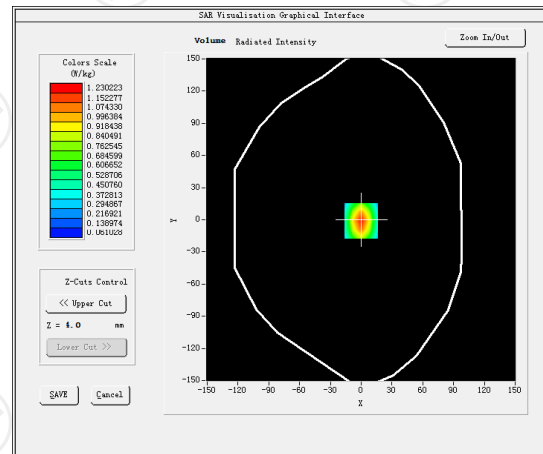
Date of measurement: 01/16/2024 Test mode: 835 (Head)  
 Product Description: Validation  
 Dipole Model: SID835  
 E-Field Probe: SSE2 (SN 25/22 EPGO375)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	1.80
Frequency (MHz)	835.000000
Relative permittivity (real part)	41.417760
Relative permittivity (imaginary part)	18.129852
Conductivity (S/m)	0.874923
Variation (%)	-0.090000
<b>SAR 10g (W/Kg)</b>	<b>0.570250</b>
<b>SAR 1g (W/Kg)</b>	<b>0.886135</b>

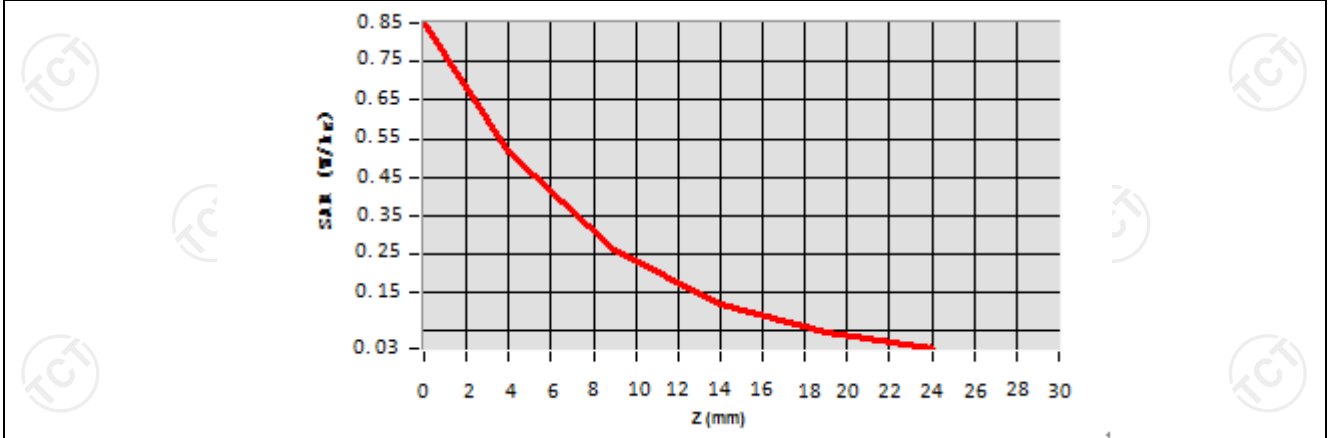
### SURFACE SAR



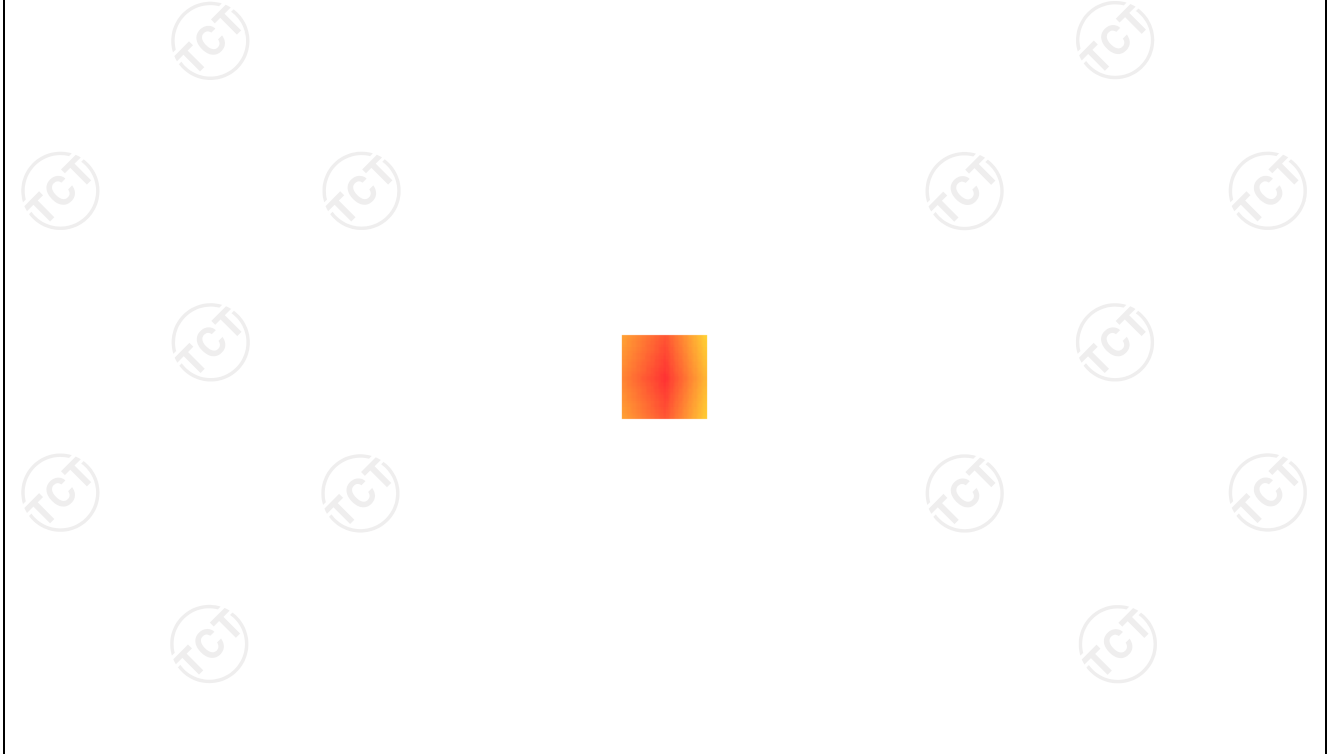
### VOLUME SAR



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.8625	0.5302	0.2594	0.1302	0.1025



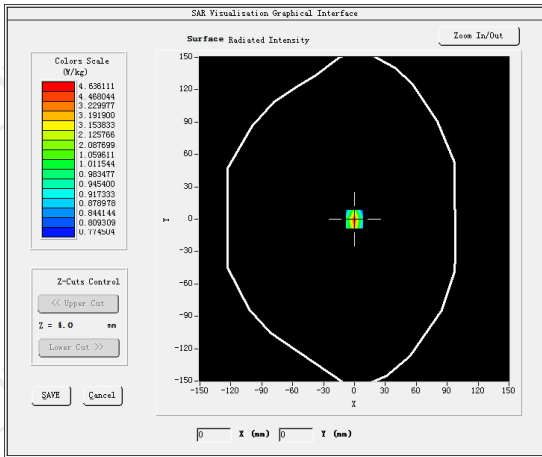
**Hot spot position**



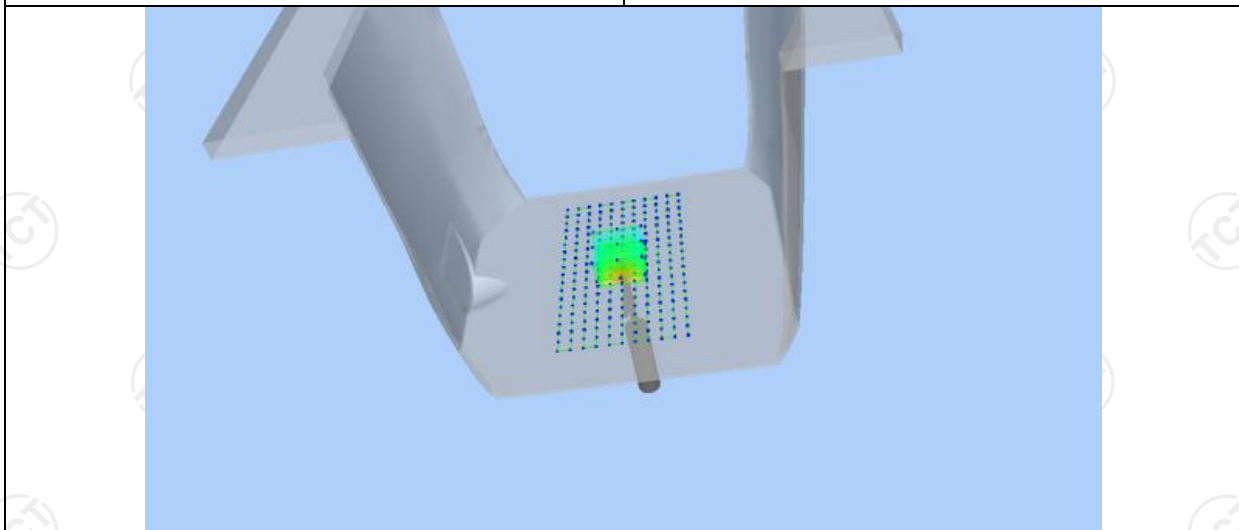
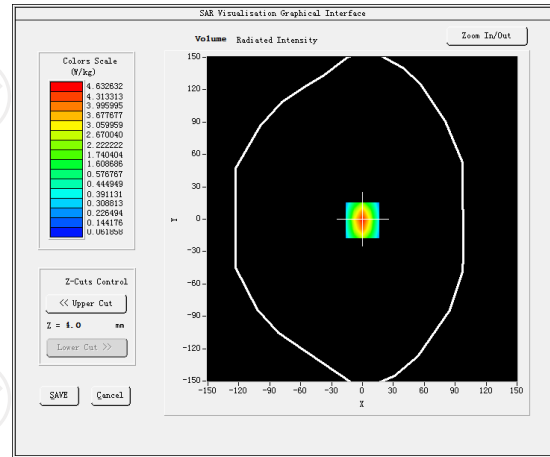
Date of measurement: 01/19/2024 Test mode: 1800MHz (Head)  
 Product Description: Validation  
 Dipole Model: SID1800  
 E-Field Probe: SSE2 (SN 25/22 EPGO375)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	2.08
Frequency (MHz)	1800.000000
Relative permittivity (real part)	39.070000
Relative permittivity (imaginary part)	14.000000
Conductivity (S/m)	1.38000
Variation (%)	1.250000
<b>SAR 10g (W/Kg)</b>	<b>2.201458</b>
<b>SAR 1g (W/Kg)</b>	<b>3.752497</b>

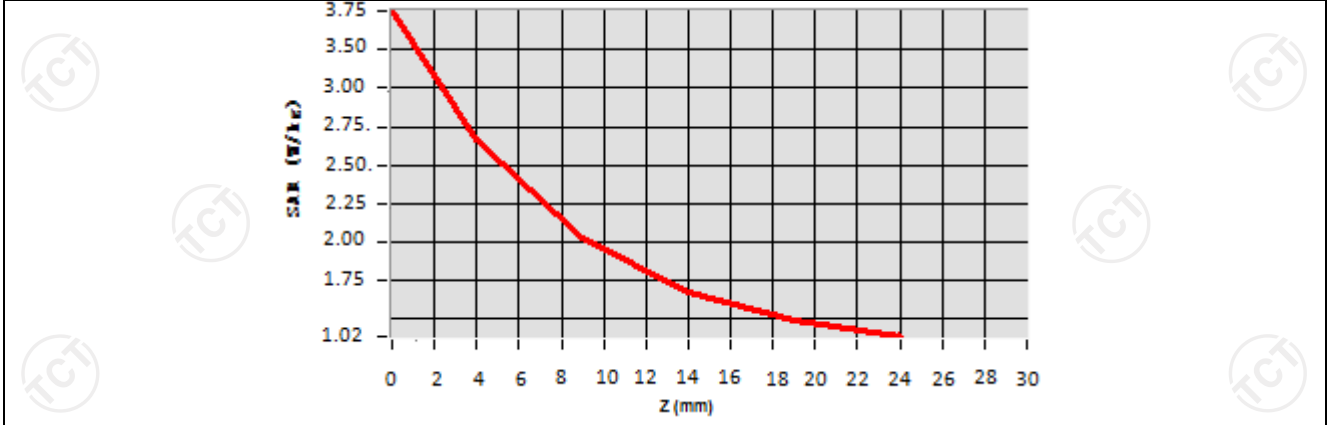
### SURFACE SAR



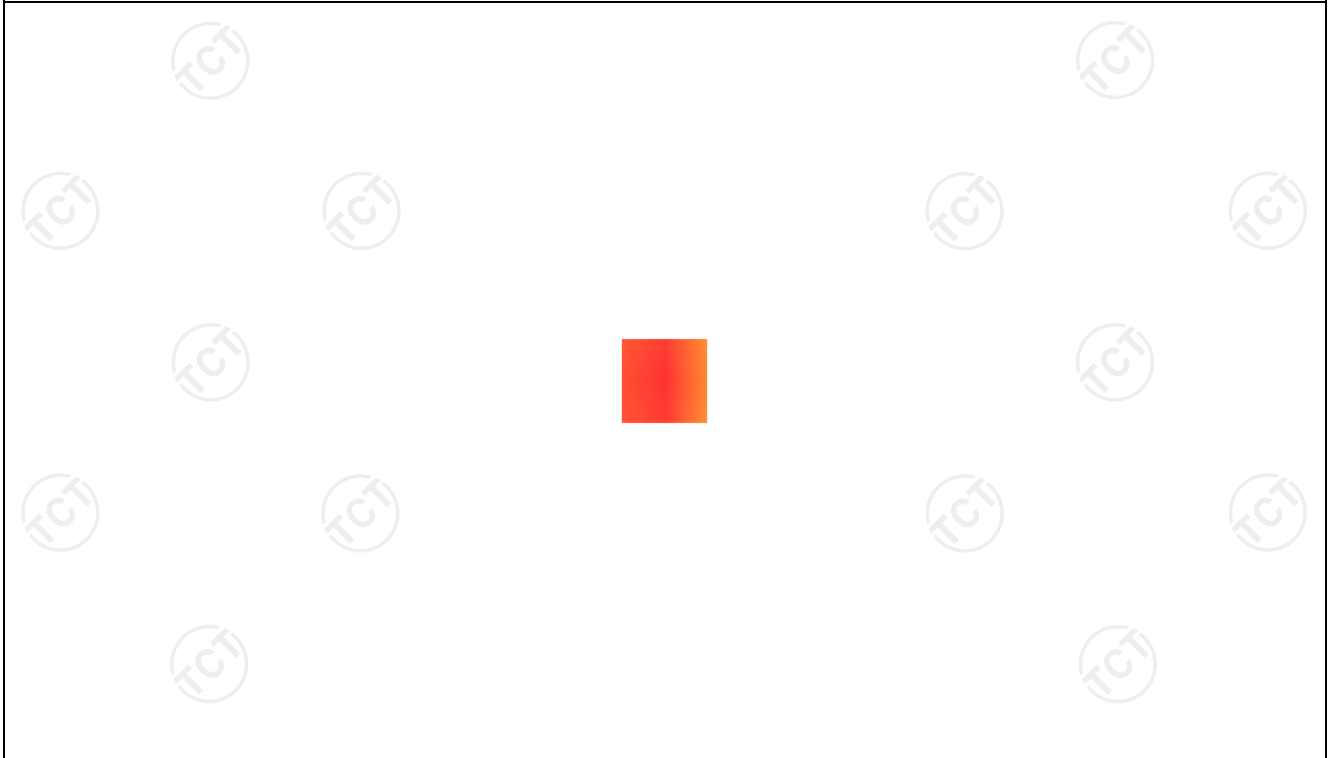
### VOLUME SAR



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	3.7625	2.6254	2.0245	1.6254	1.0214



**Hot spot position**



Date of measurement: 01/23/2024 Test mode: 1900MHz (Head)

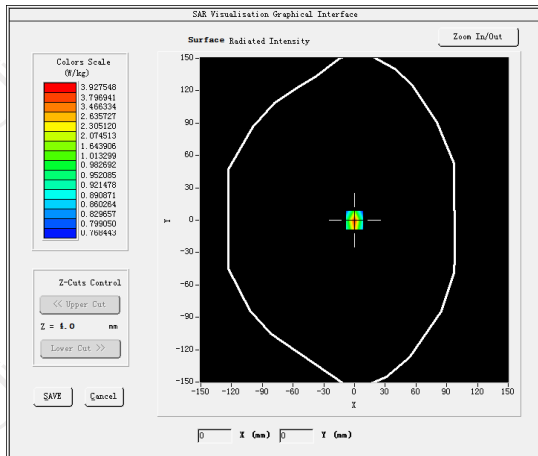
Product Description: Validation

Dipole Model: SID1900

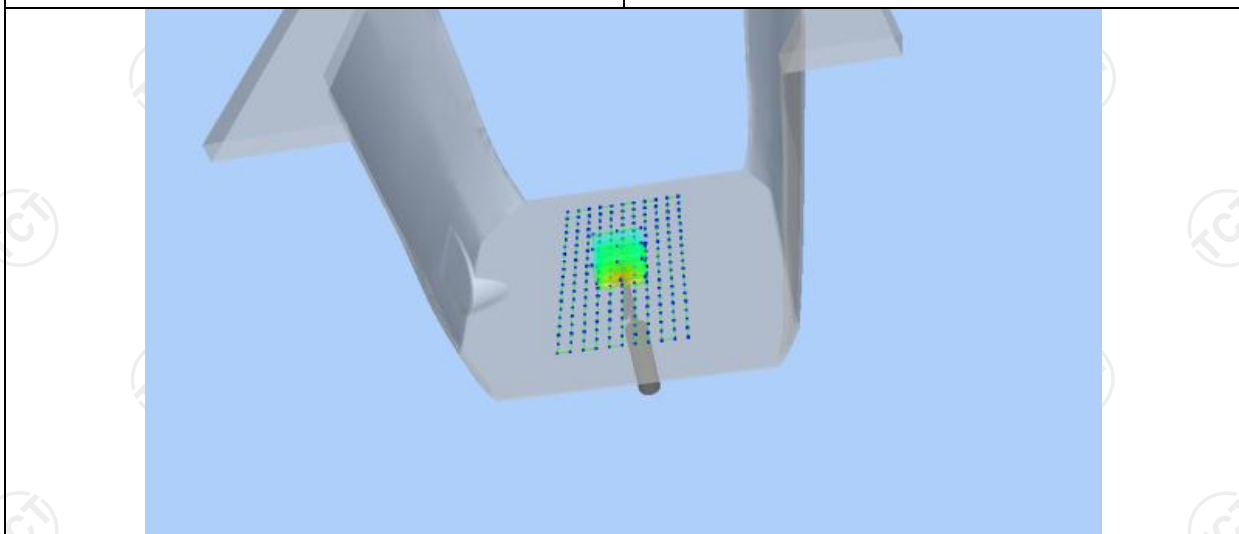
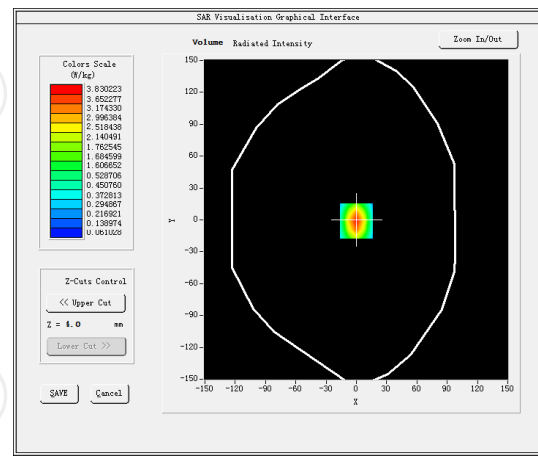
E-Field Probe: SSE2 (SN 25/22 EPGO375)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	2.23
Frequency (MHz)	1900.000000
Relative permittivity (real part)	39.076721
Relative permittivity (imaginary part)	12.607061
Conductivity (S/m)	1.367609
Variation (%)	-0.910000
<b>SAR 10g (W/Kg)</b>	<b>1.899324</b>
<b>SAR 1g (W/Kg)</b>	<b>3.576354</b>

**SURFACE SAR**

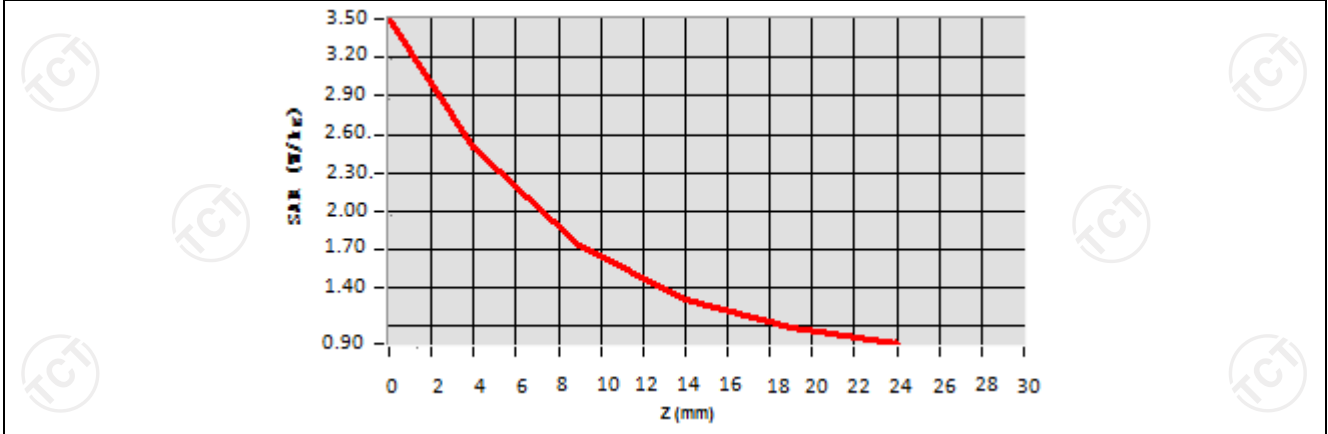


**VOLUME SAR**

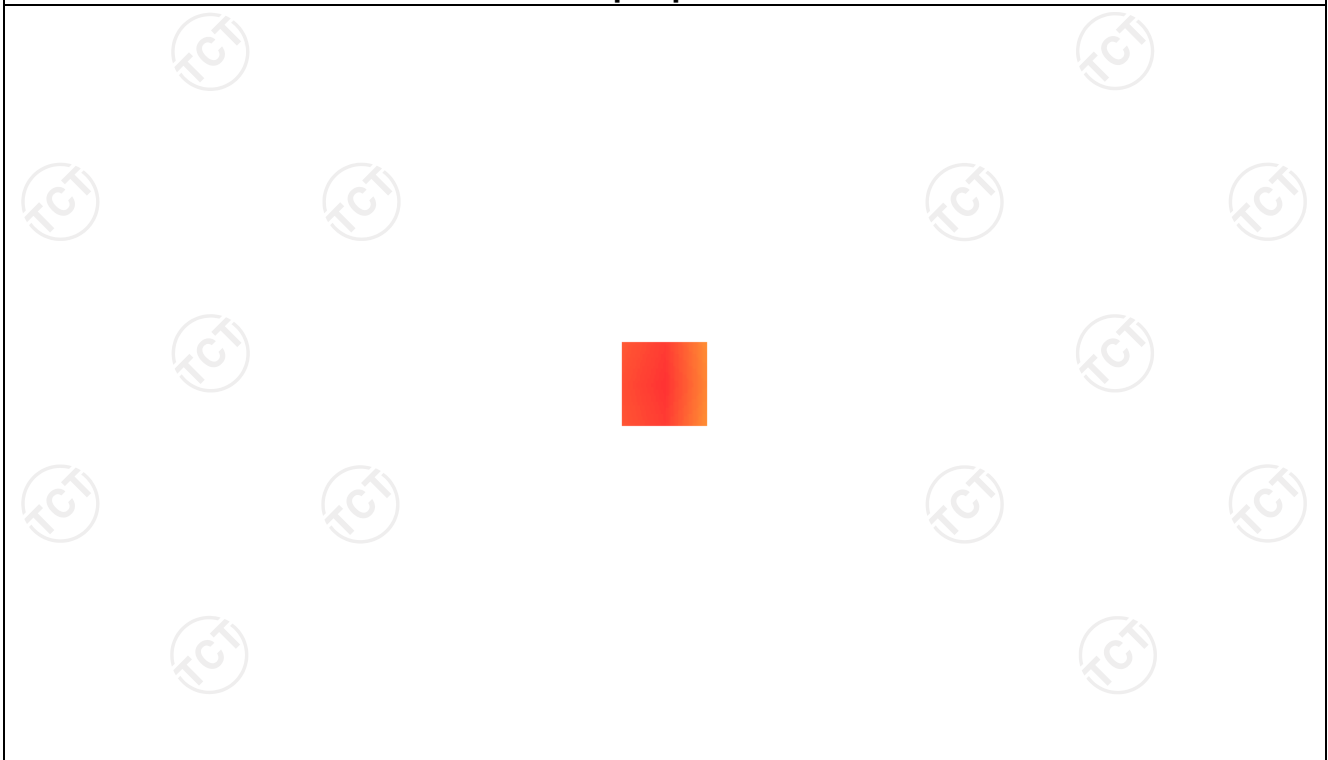




Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	3.5325	2.5687	1.7025	1.3025	0.1125



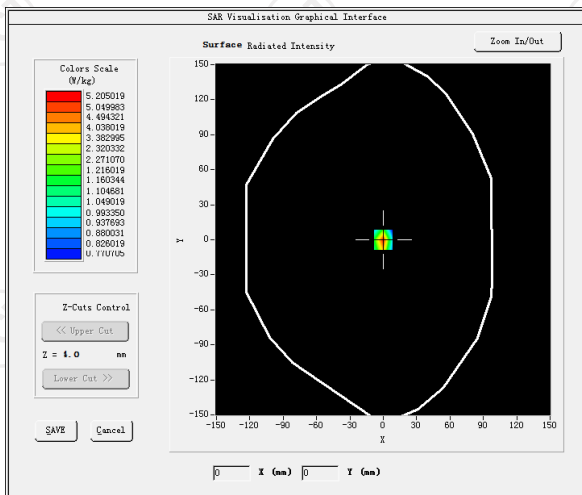
**Hot spot position**



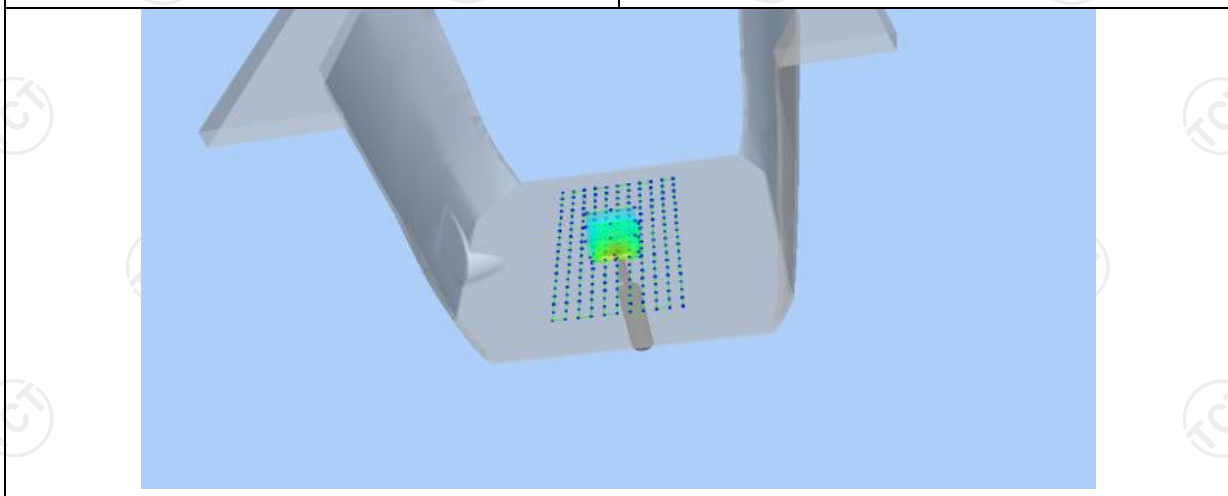
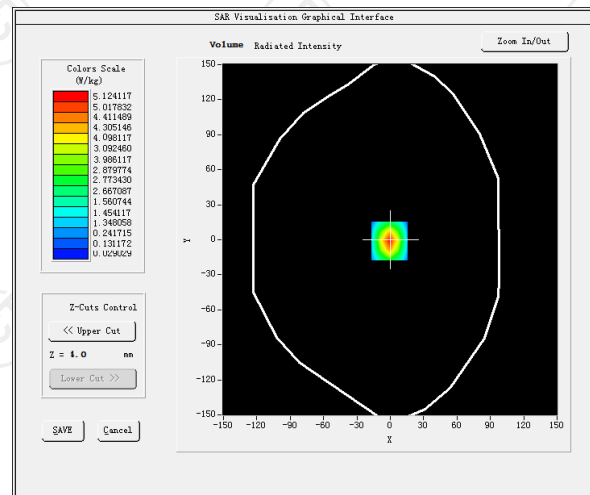
Date of measurement: 01/25/2024 Test mode: 2450MHz (Head)  
 Product Description: Validation  
 Dipole Model: SID2450  
 E-Field Probe: SSE2 (SN 25/22 EPGO375)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	2.31
Frequency (MHz)	2450.000000
Relative permittivity (real part)	37.821613
Relative permittivity (imaginary part)	13.546980
Conductivity (S/m)	1.834111
Variation (%)	-0.470000
<b>SAR 10g (W/Kg)</b>	<b>2.364445</b>
<b>SAR 1g (W/Kg)</b>	<b>4.994244</b>

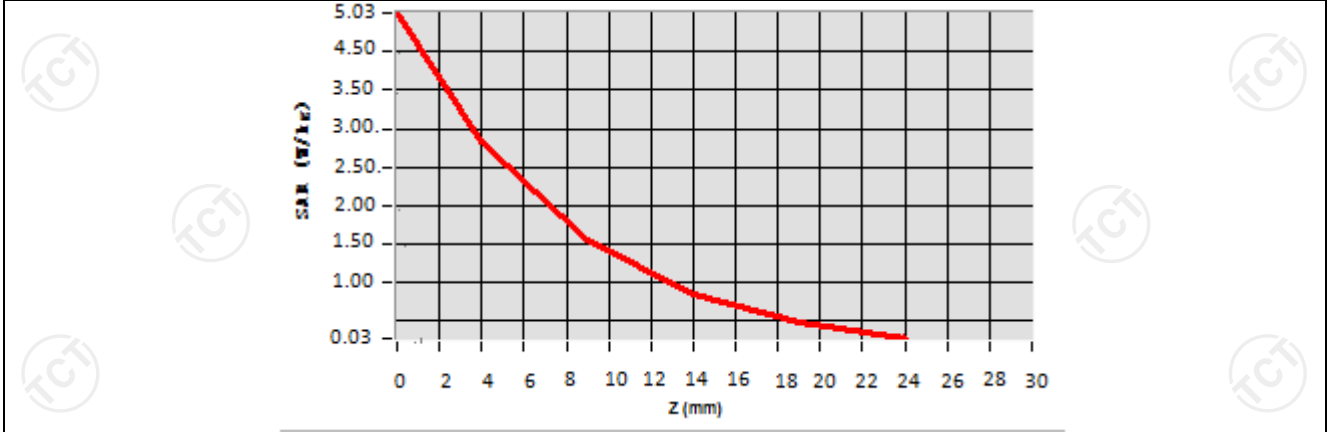
### SURFACE SAR



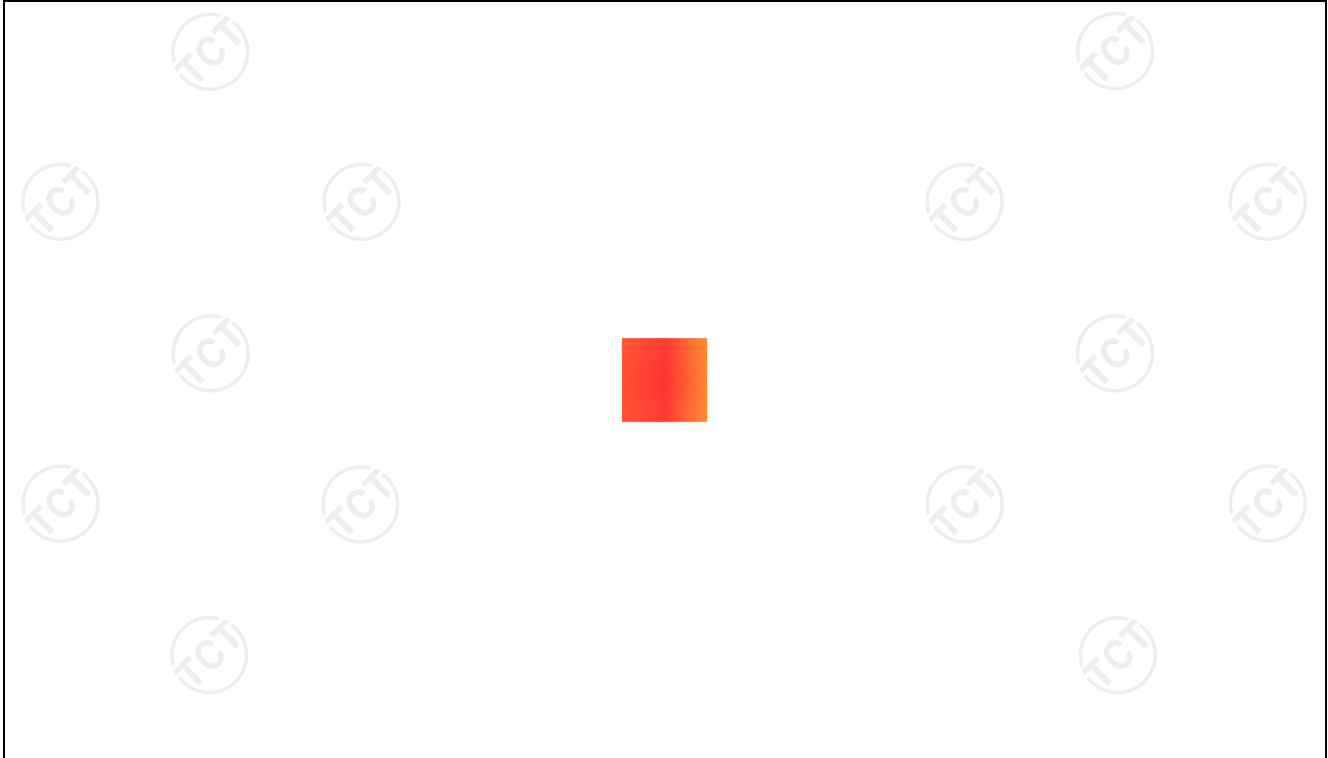
### VOLUME SAR



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	5.0262	2.7584	1.5026	0.8252	0.4125



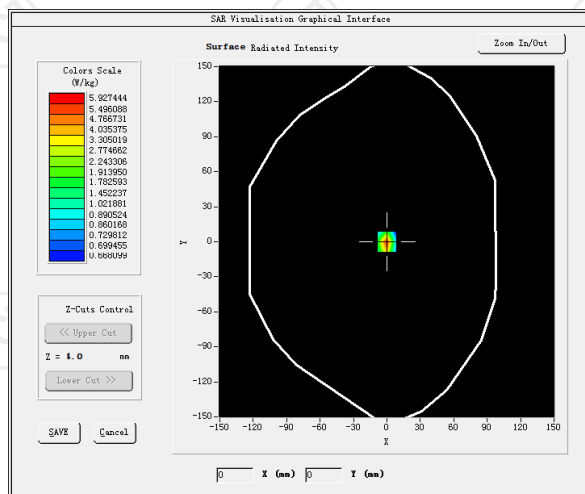
**Hot spot position**



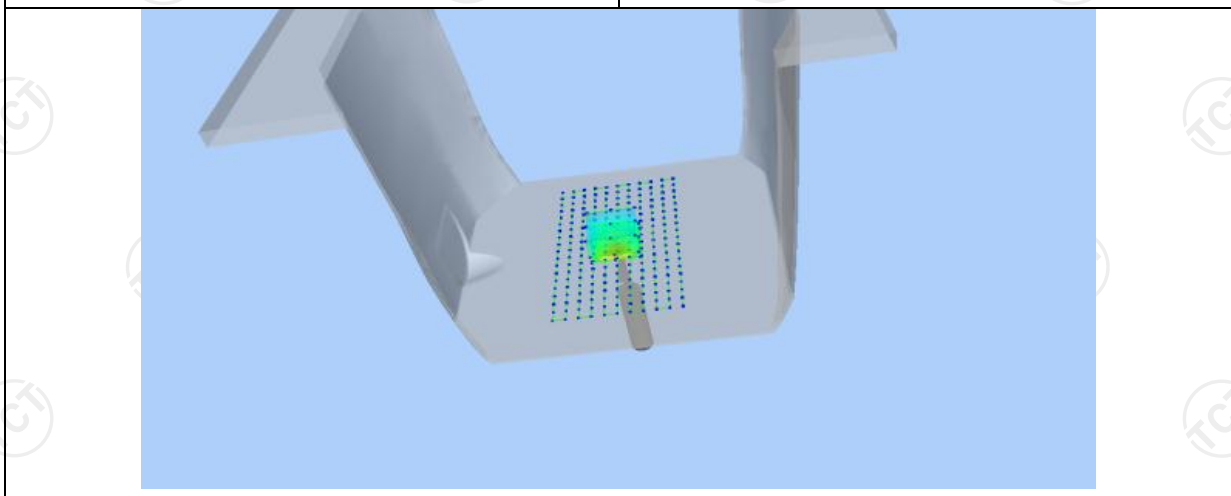
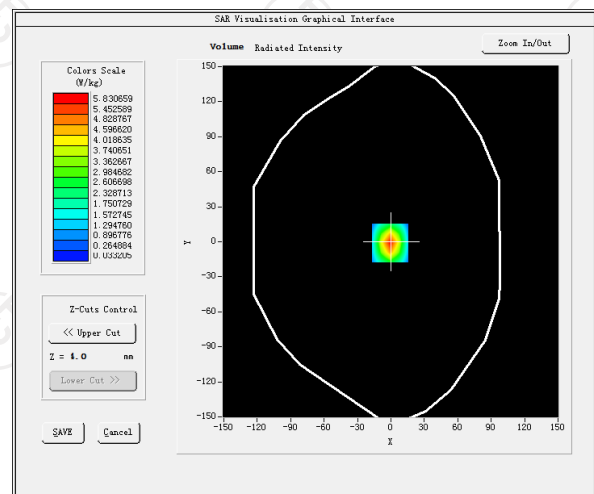
Date of measurement: 01/26/2024 Test mode: 2600MHz (Head)  
 Product Description: Validation  
 Dipole Model: SID2600  
 E-Field Probe: SSE2 (SN 25/22 EPGO375)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	4.36
Frequency (MHz)	2535.000000
Relative permittivity (real part)	38.853477
Relative permittivity (imaginary part)	13.545489
Conductivity (S/m)	1.922567
Variation (%)	-1.360000
<b>SAR 10g (W/Kg)</b>	<b>2.430127</b>
<b>SAR 1g (W/Kg)</b>	<b>5.413744</b>

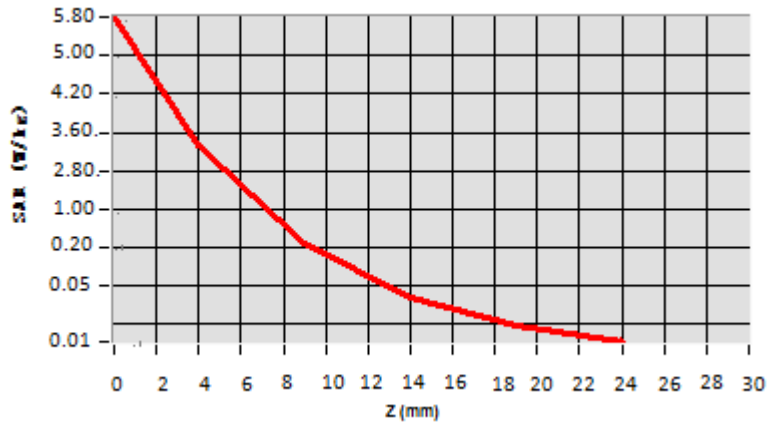
### SURFACE SAR



### VOLUME SAR



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	5.7893	3.2375	0.2098	0.0387	0.0249



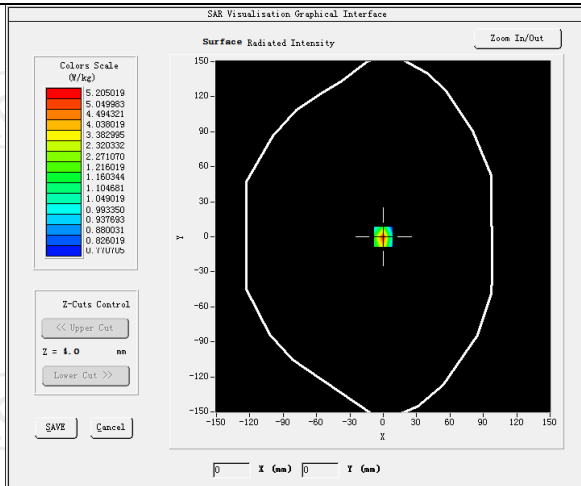
**Hot spot position**



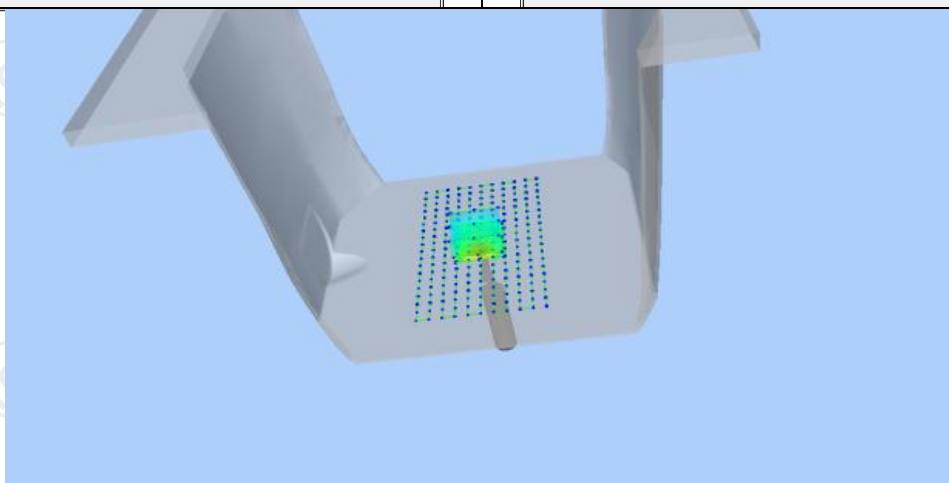
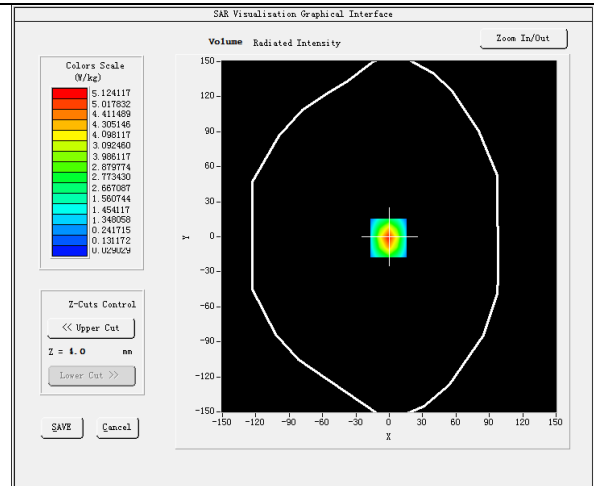
Date of measurement: 02/01/2024 Test mode: 5200MHz (Head)  
 Product Description: Validation  
 Dipole Model: SID5200  
 E-Field Probe: SSE2 (SN 25/22 EPGO375)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	2.01
Frequency (MHz)	5200.000000
Relative permittivity (real part)	35.678320
Relative permittivity (imaginary part)	13.679428
Conductivity (S/m)	4.450788
Variation (%)	-0.820000
<b>SAR 10g (W/Kg)</b>	<b>15.897411</b>
<b>SAR 1g (W/Kg)</b>	<b>5.012481</b>

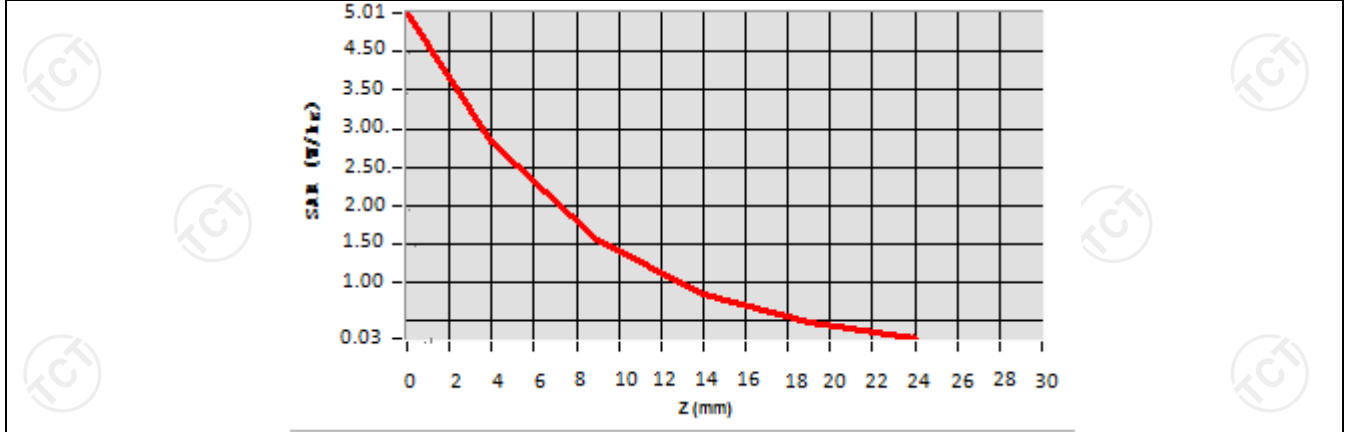
### SURFACE SAR



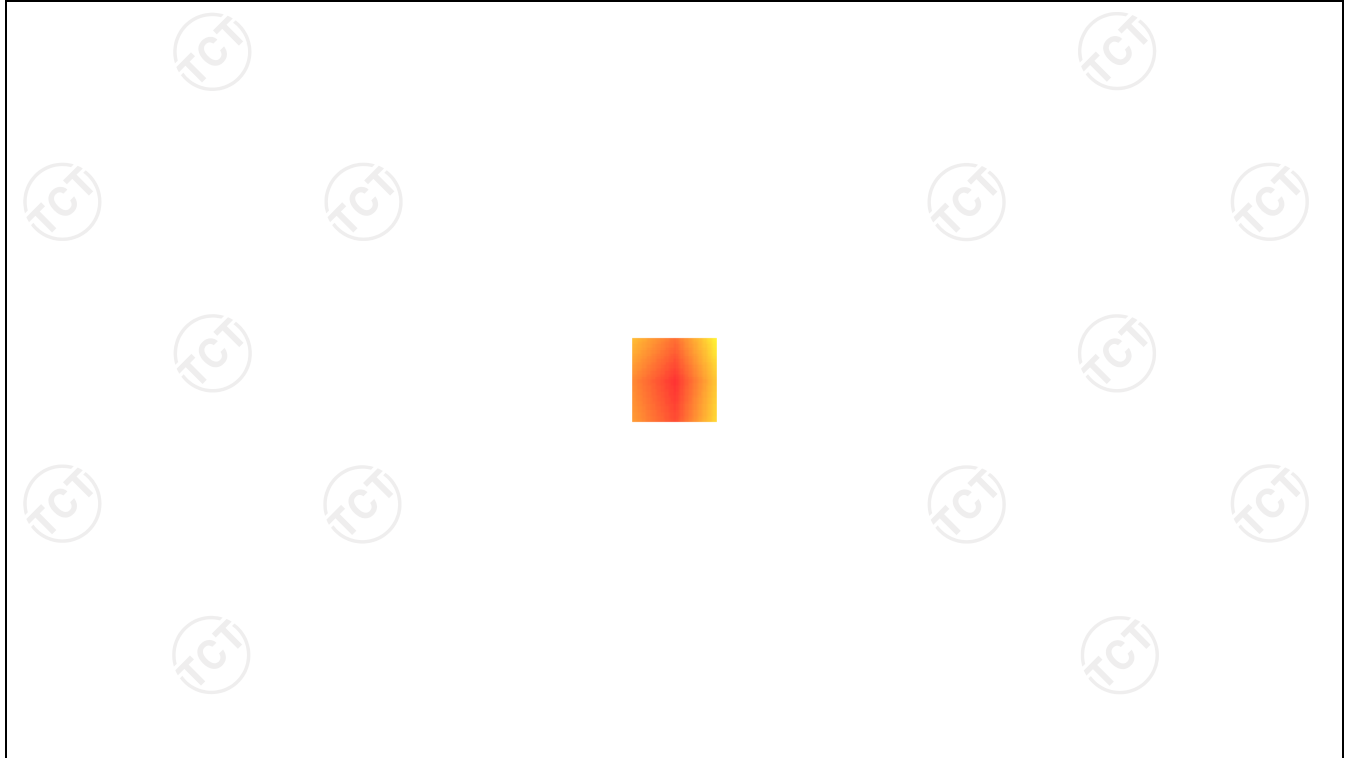
### VOLUME SAR



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	5.0132	2.7584	1.5026	0.8252	0.4125



**Hot spot position**



Date of measurement: 02/02/2024 Test mode: 5300MHz (Head)

Product Description: Validation

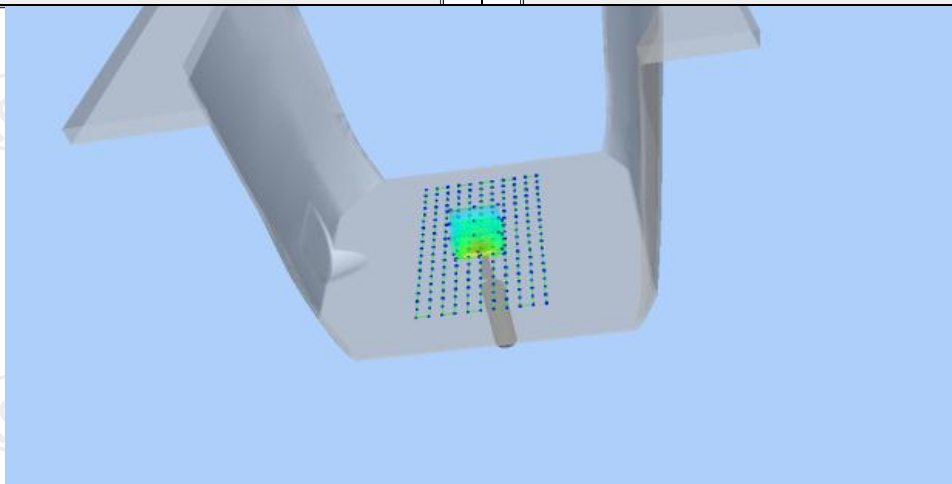
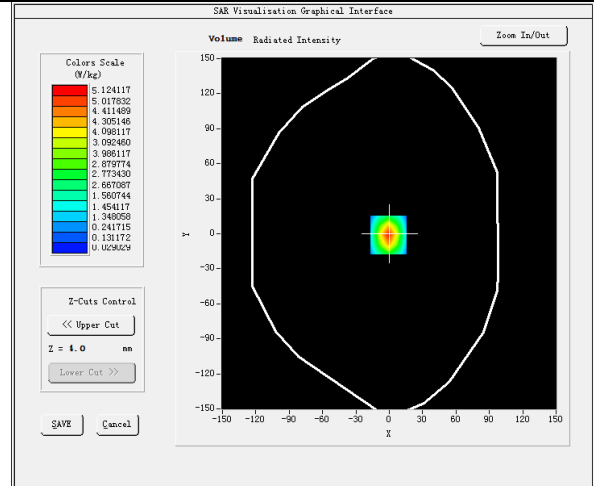
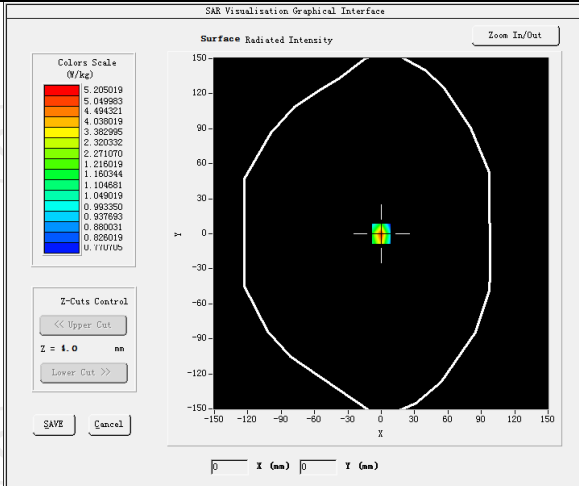
Dipole Model: SID5300

E-Field Probe: SSE2 (SN 25/22 EPGO375)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	1.94
Frequency (MHz)	5300.000000
Relative permittivity (real part)	36.068832
Relative permittivity (imaginary part)	13.680430
Conductivity (S/m)	4.690788
Variation (%)	-0.820000
<b>SAR 10g (W/Kg)</b>	<b>17.217521</b>
<b>SAR 1g (W/Kg)</b>	<b>5.922481</b>

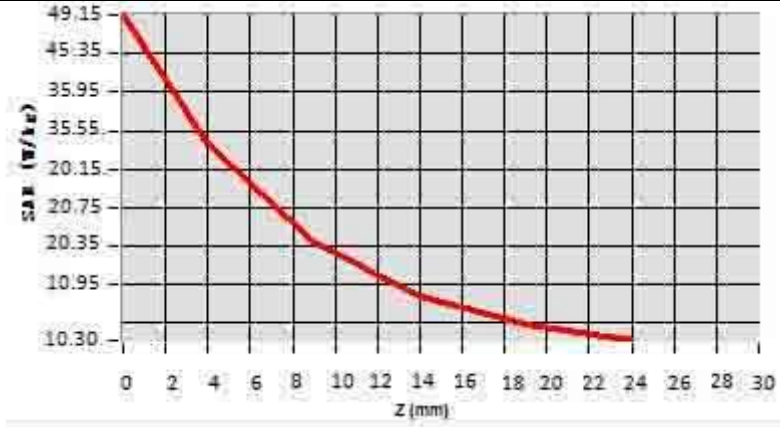
### SURFACE SAR

### VOLUME SAR





Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	49.15	27.584	20.346	11.252	5.4125



**Hot spot position**



Date of measurement: 02/05/2024 Test mode: 5600MHz (Head)

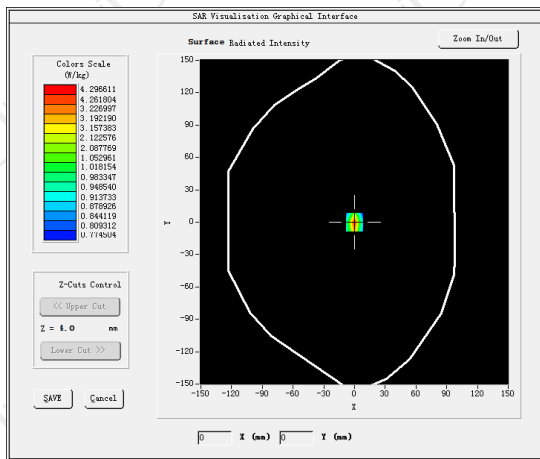
Product Description: Validation

Dipole Model: SID5000

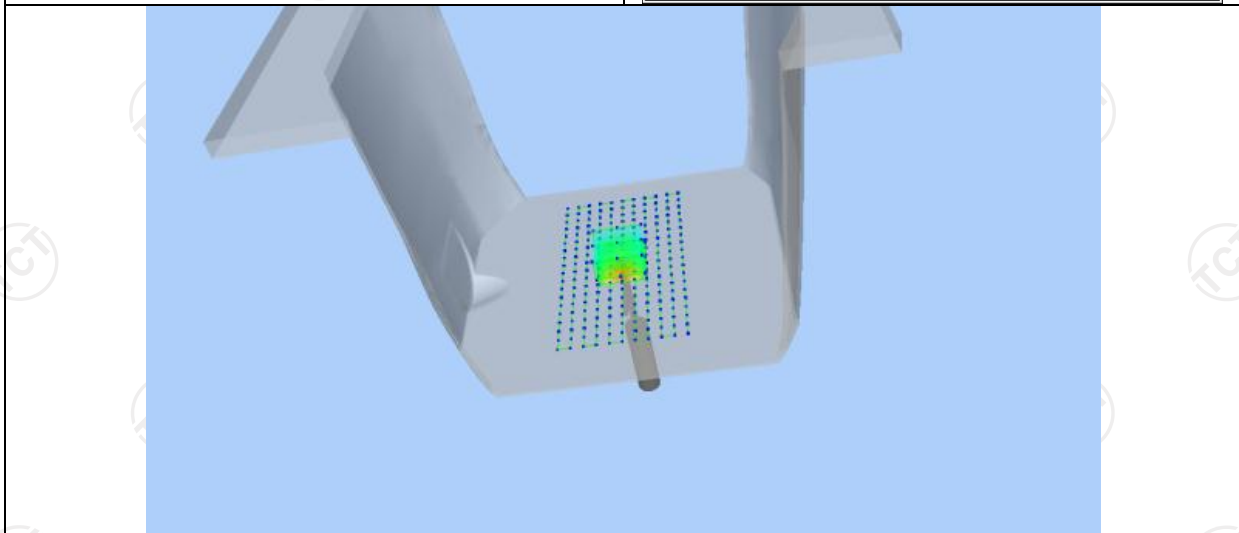
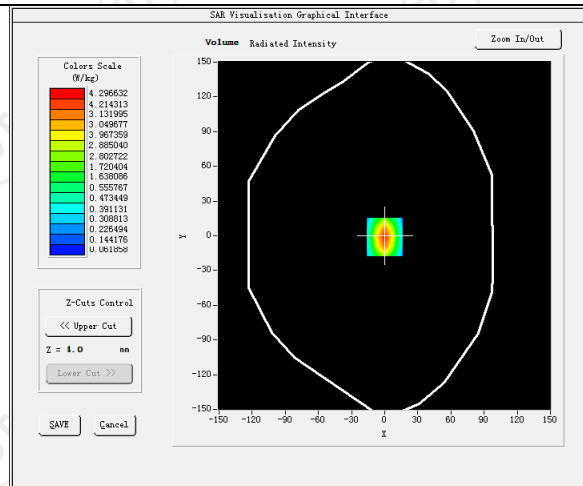
E-Field Probe: SSE2 (SN 25/22 EPGO375)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	2.12
Frequency (MHz)	5600.000000
Relative permittivity (real part)	35.344129
Relative permittivity (imaginary part)	13.329440
Conductivity (S/m)	4.951484
Variation (%)	1.410000
<b>SAR 10g (W/Kg)</b>	<b>18.134105</b>
<b>SAR 1g (W/Kg)</b>	<b>6.160472</b>

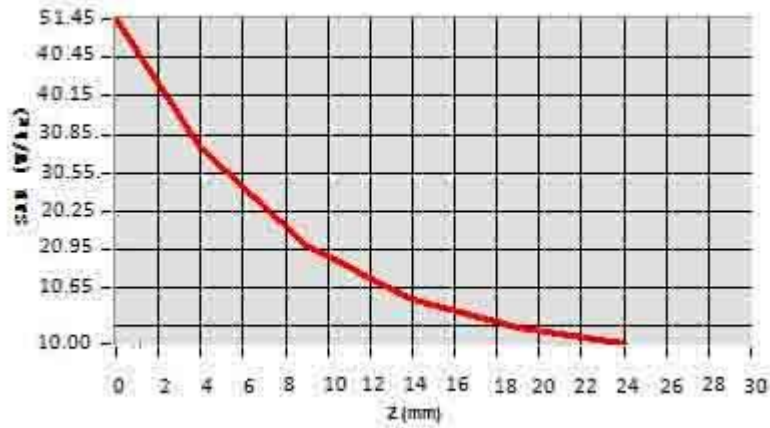
### SURFACE SAR



### VOLUME SAR



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	51.4532	30.7154	20.9525	10.5194	10.3514



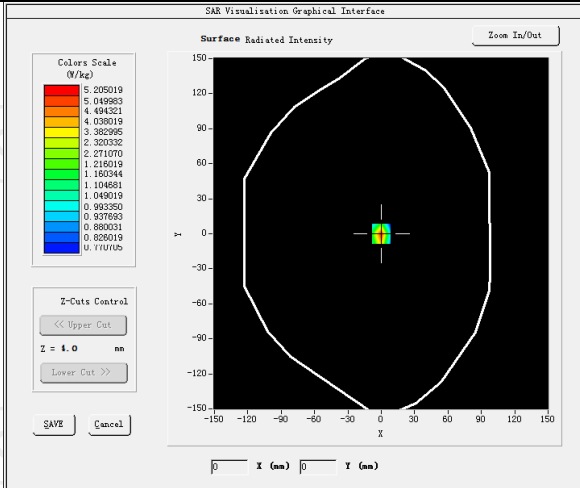
**Hot spot position**



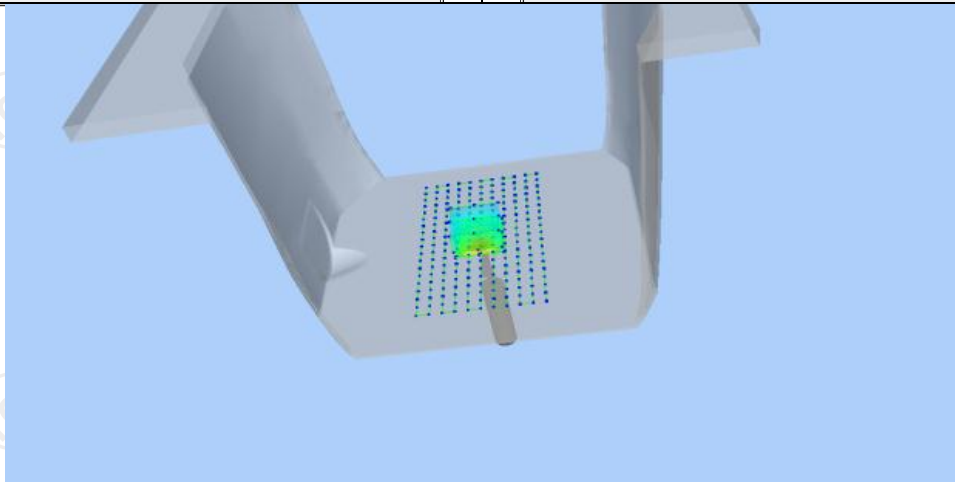
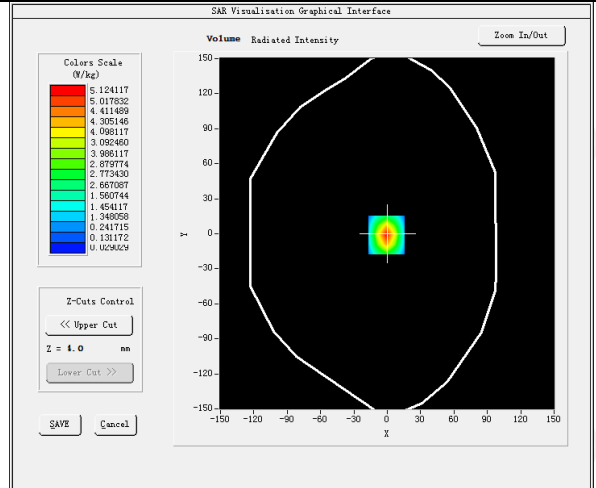
Date of measurement: 02/05/2024 Test mode: 5800MHz (Head)  
 Product Description: Validation  
 Dipole Model: SID5800  
 E-Field Probe: SSE2 (SN 25/22 EPGO375)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	2.06
Frequency (MHz)	5800.000000
Relative permittivity (real part)	34.812823
Relative permittivity (imaginary part)	13.671675
Conductivity (S/m)	5.080828
Variation (%)	-2.800000
<b>SAR 10g (W/Kg)</b>	<b>18.196218</b>
<b>SAR 1g (W/Kg)</b>	<b>5.247133</b>

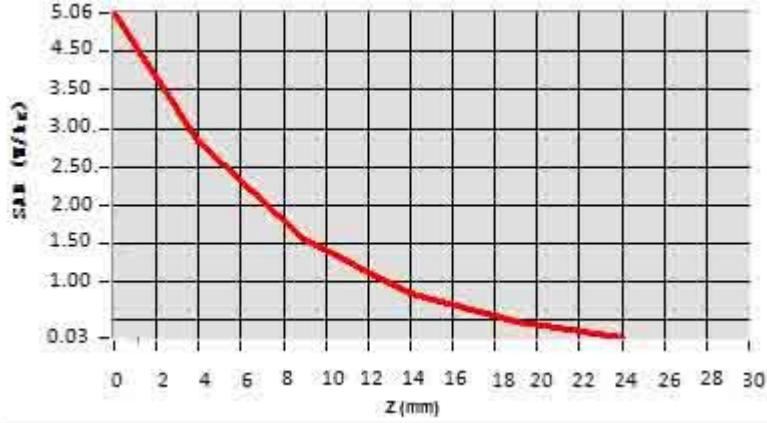
### SURFACE SAR



### VOLUME SAR



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	5.0622	2.8054	1.5421	0.8321	0.4130



**Hot spot position**



**11. SAR Test Data**

GSM850

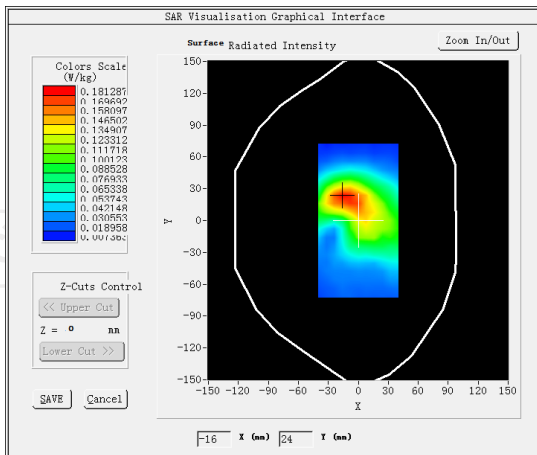
**MEASUREMENT 1**

High Band SAR (Channel 251):

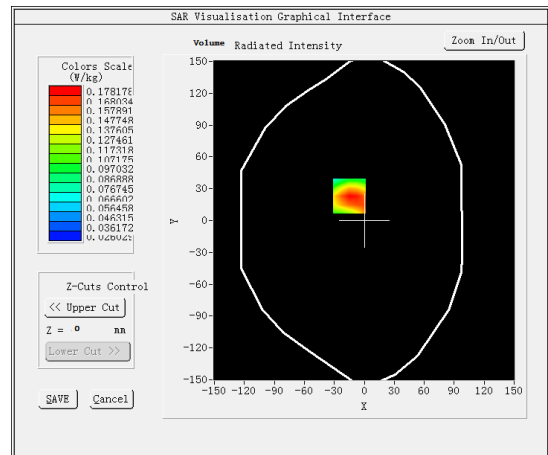
Date: 01/15/2024

<b>Frequency (MHz)</b>	848.800000
<b>Relative permittivity (real part)</b>	41.417760
<b>Relative permittivity (imaginary part)</b>	18.129852
<b>Conductivity (S/m)</b>	0.971230
<b>Variation (%)</b>	-2.110000
<b>Crest Factor:</b>	1.0
<b>Probe Conversion factor</b>	1.80
<b>E-Field Probe:</b>	SSE2 (SN 25/22 EPG0375)
<b>Area Scan</b>	dx=8mm dy=8mm, h= 5.00 mm
<b>ZoomScan</b>	5x5x7, dx=8mm dy=8mm dz=5mm, Complete/ndx=8mm dy=8mm, h= 5.00 mm
<b>Phantom</b>	Validation plane
<b>Device Position</b>	Body front(10mm)
<b>Band</b>	GSM850(Voice)

**SURFACE SAR**



**VOLUME SAR**



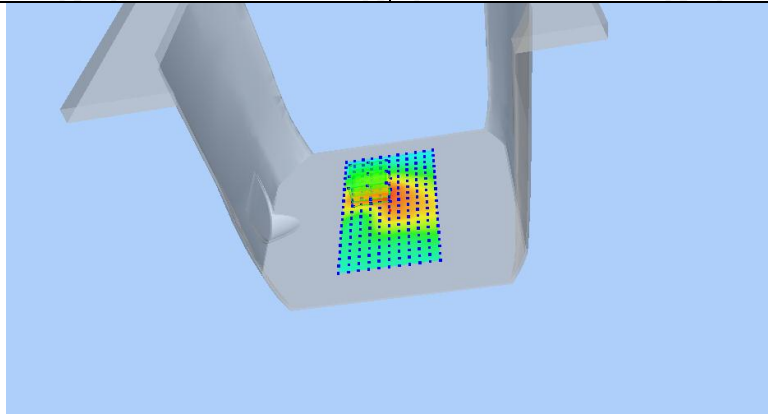
**Maximum location: X=-15.00, Y=23.00 SAR Peak: 0.23 W/kg**

**SAR 10g (W/Kg)**

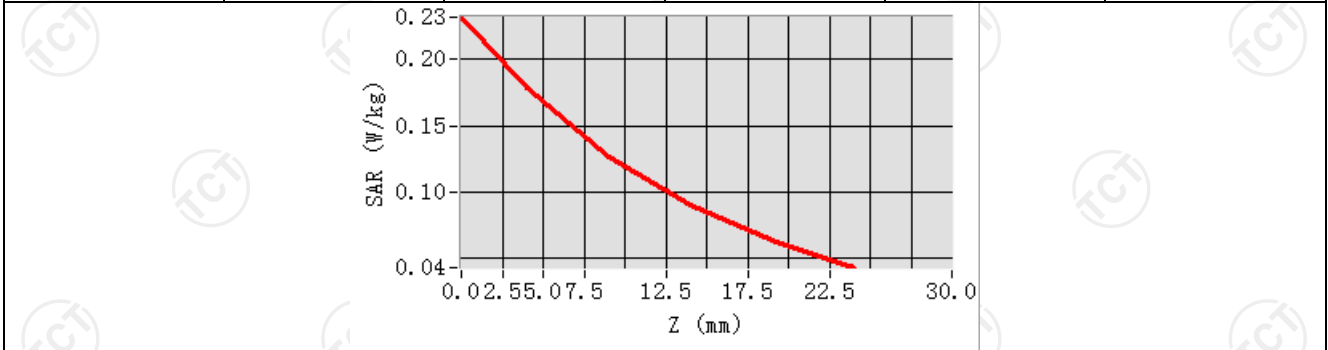
0.102207

**SAR 1g (W/Kg)**

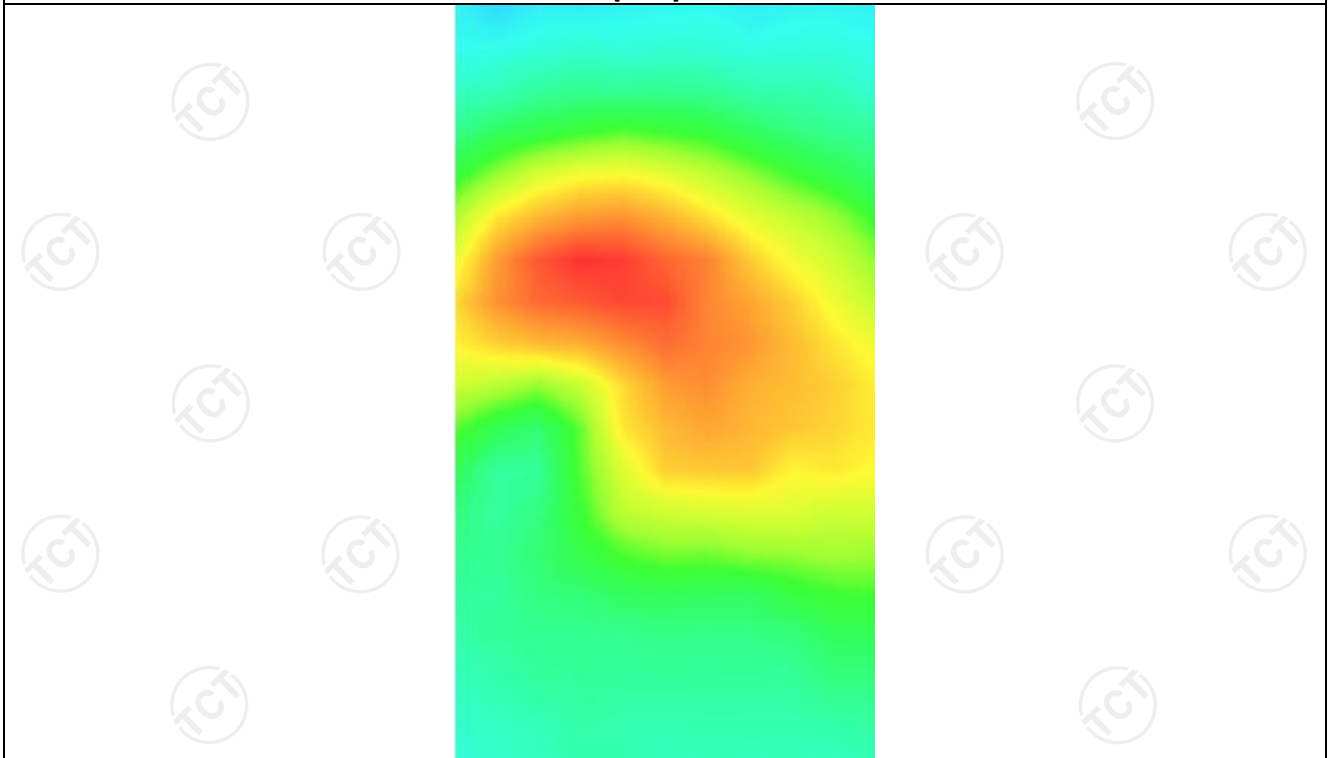
0.130289



<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>0.2289</b>	<b>0.1806</b>	<b>0.1237</b>	<b>0.0906</b>	<b>0.0633</b>



**Hot spot position**



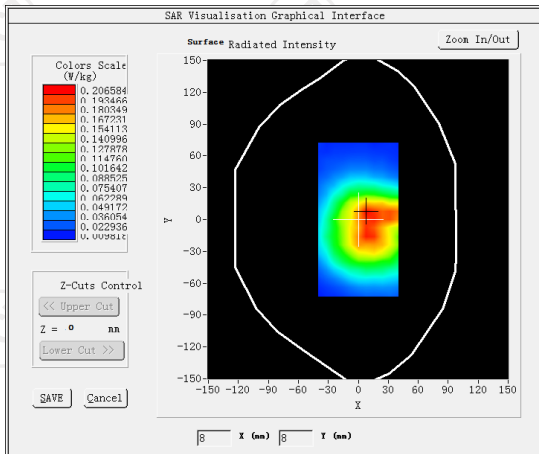
**MEASUREMENT 2**

High Band SAR (Channel 251):

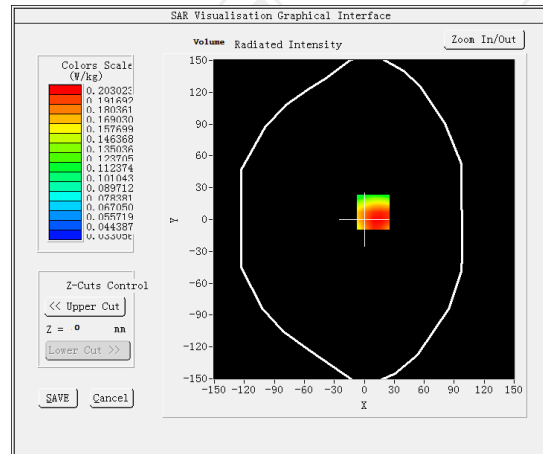
Date: 01/15/2024

<b>Frequency (MHz)</b>	848.800000
<b>Relative permittivity (real part)</b>	41.417760
<b>Relative permittivity (imaginary part)</b>	18.129852
<b>Conductivity (S/m)</b>	0.971230
<b>Variation (%)</b>	2.690000
<b>Crest Factor:</b>	1.0
<b>Probe Conversion factor</b>	1.80
<b>E-Field Probe:</b>	SSE2 (SN 25/22 EPG0375)
<b>Area Scan</b>	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
<b>ZoomScan</b>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body back(10mm)</u>
<b>Band</b>	<u>GSM850(Voice)</u>

**SURFACE SAR**



**VOLUME SAR**



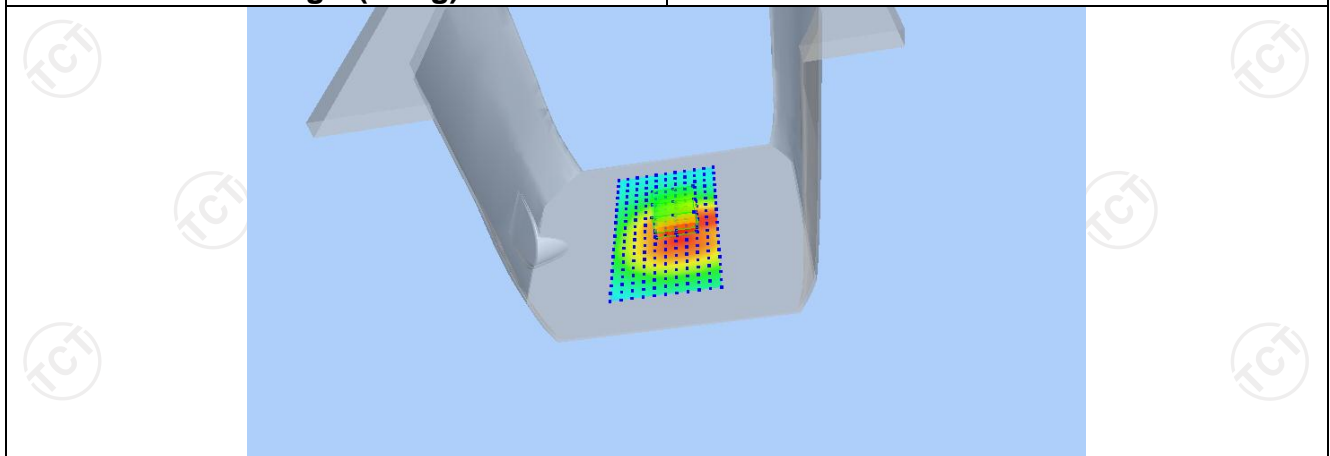
Maximum location: X=9.00, Y=7.00 SAR Peak: 0.56 W/kg

**SAR 10g (W/Kg)**

0.125462

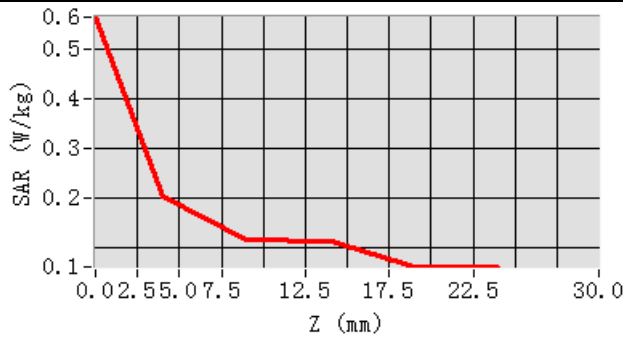
**SAR 1g (W/Kg)**

0.302641

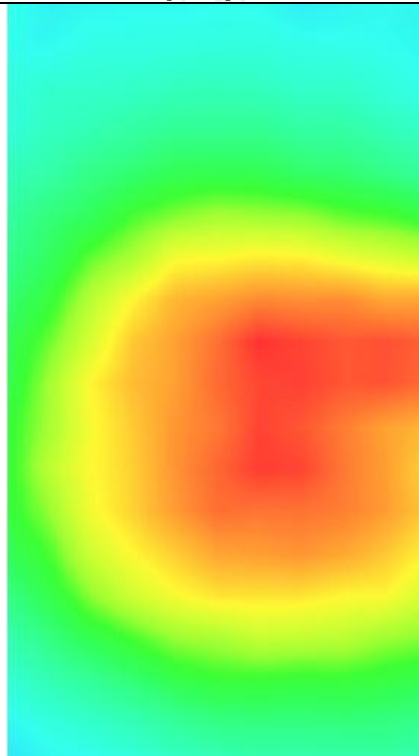




Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.5728	0.2172	0.1179	0.1120	0.0683



**Hot spot position**



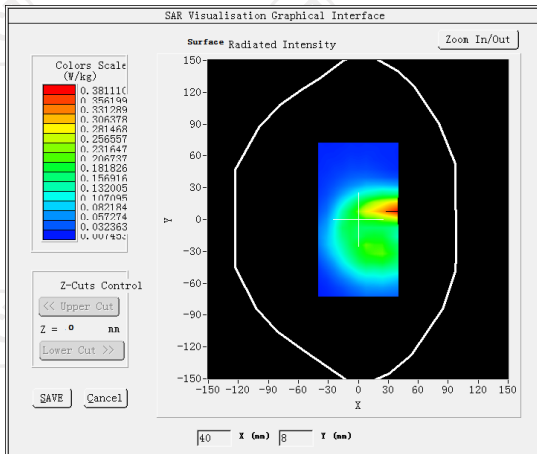
**MEASUREMENT 3**

High Band SAR (Channel 251):

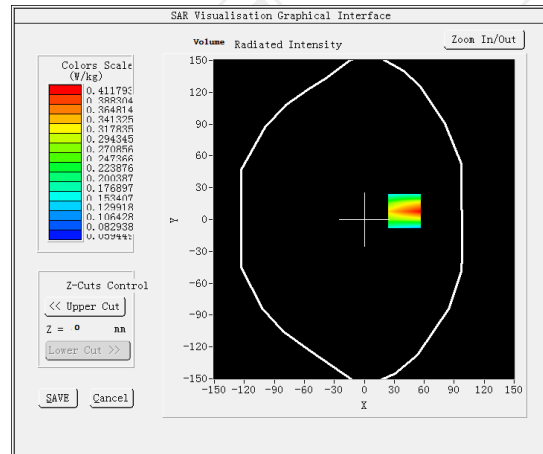
Date: 01/15/2024

<b>Frequency (MHz)</b>	848.800000
<b>Relative permittivity (real part)</b>	41.417760
<b>Relative permittivity (imaginary part)</b>	18.129852
<b>Conductivity (S/m)</b>	0.971230
<b>Variation (%)</b>	2.080000
<b>Crest Factor:</b>	1.0
<b>Probe Conversion factor</b>	1.80
<b>E-Field Probe:</b>	SSE2 (SN 25/22 EPG0375)
<b>Area Scan</b>	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
<b>ZoomScan</b>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body back(10mm)</u>
<b>Band</b>	<u>GSM850(GPRS 4slot)</u>

**SURFACE SAR**



**VOLUME SAR**



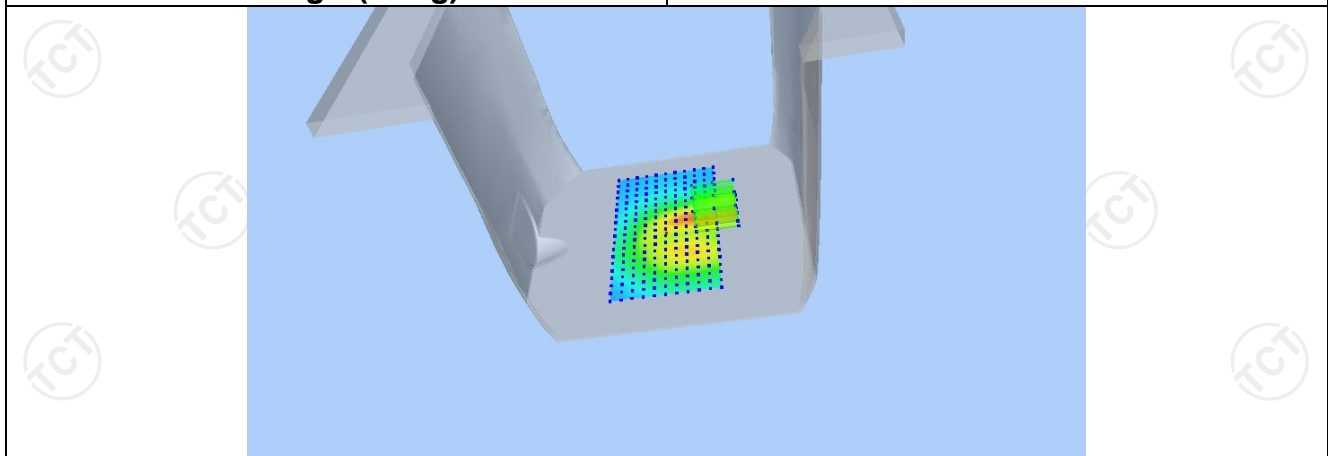
**Maximum location: X=40.00, Y=8.00 SAR Peak: 0.57 W/kg**

**SAR 10g (W/Kg)**

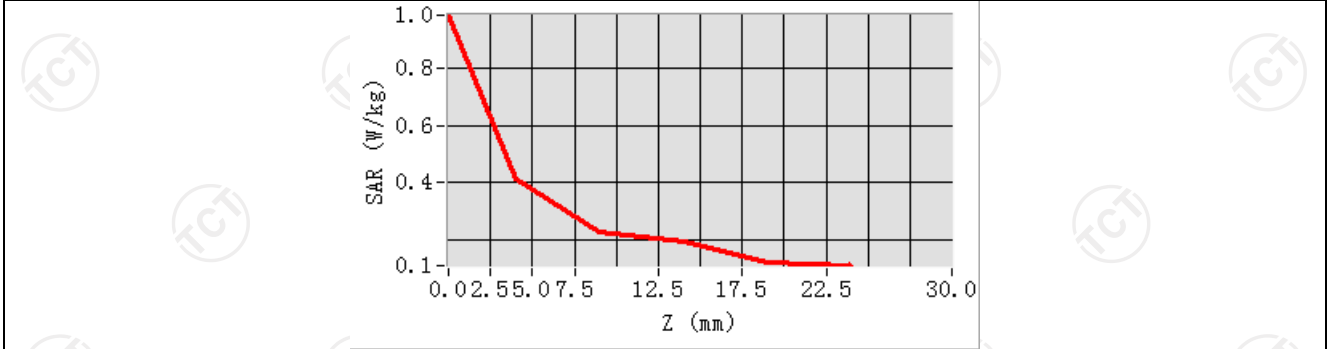
0.241544

**SAR 1g (W/Kg)**

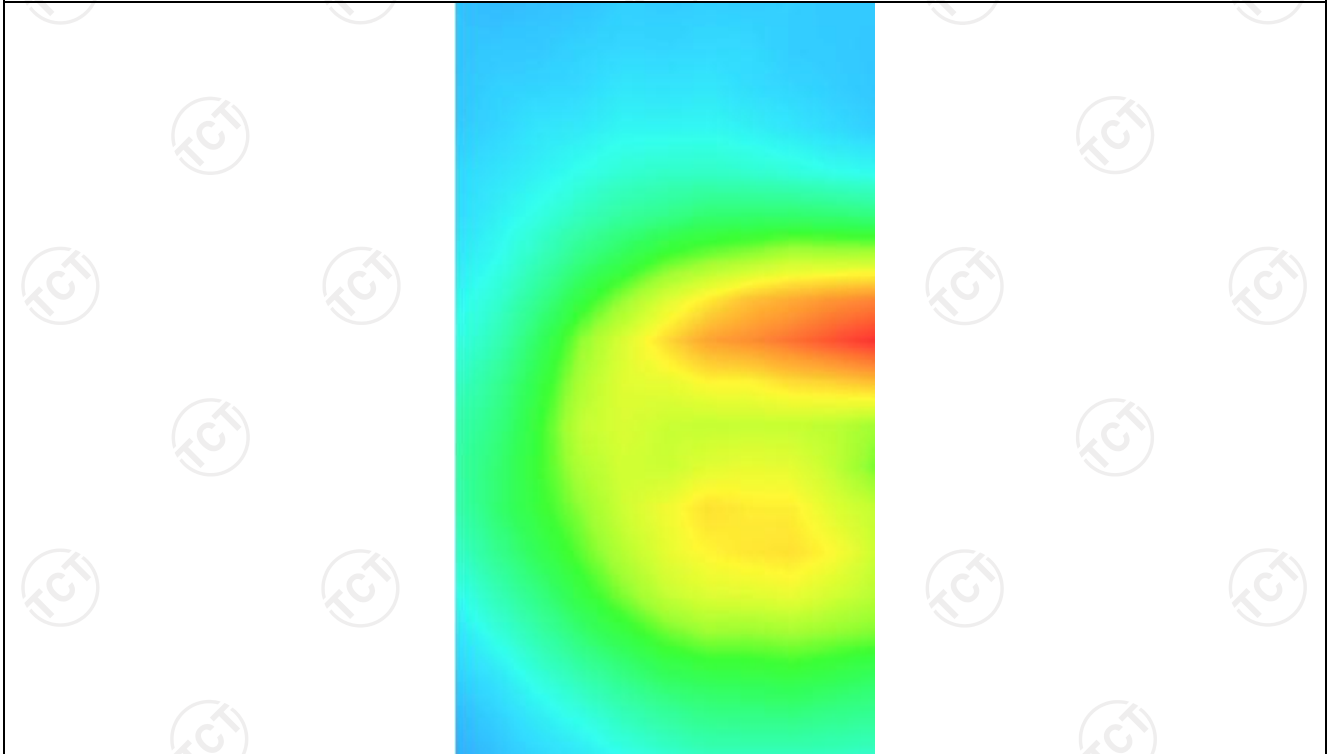
0.381530



<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>0.9888</b>	<b>0.4118</b>	<b>0.2253</b>	<b>0.1925</b>	<b>0.1203</b>



**Hot spot position**



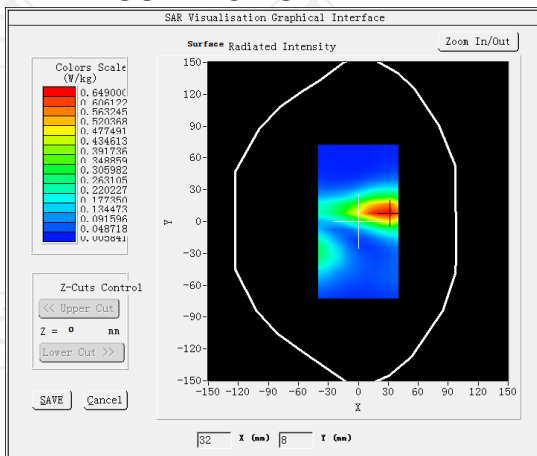
## MEASUREMENT 4

High Band SAR (Channel 251):

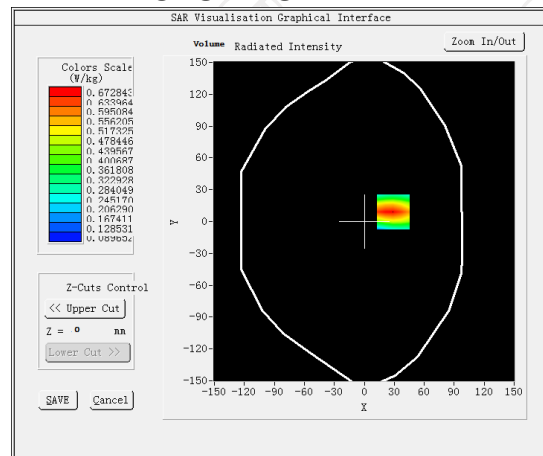
Date: 01/15/2024

<b>Frequency (MHz)</b>	848.800000
<b>Relative permittivity (real part)</b>	41.417760
<b>Relative permittivity (imaginary part)</b>	18.129852
<b>Conductivity (S/m)</b>	0.971230
<b>Variation (%)</b>	1.120000
<b>Crest Factor:</b>	1.0
<b>Probe Conversion factor</b>	1.80
<b>E-Field Probe:</b>	SSE2 (SN 25/22 EPGO375)
<b>Area Scan</b>	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
<b>ZoomScan</b>	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body back(10mm)</u>
<b>Band</b>	<u>GSM850(GPRS 4slot hotspot)</u>

### SURFACE SAR



### VOLUME SAR



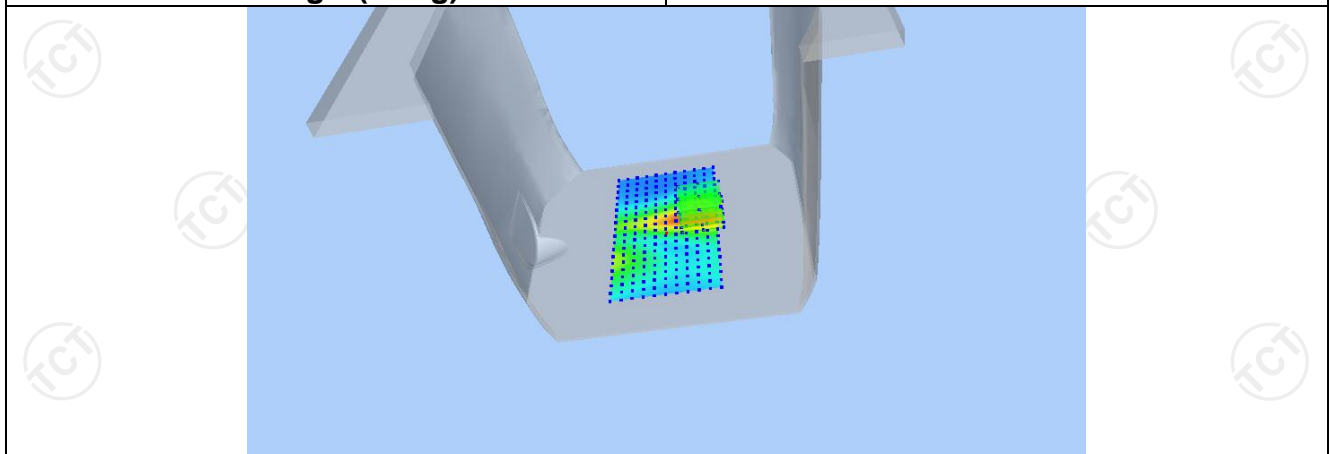
**Maximum location: X=29.00, Y=9.00 SAR Peak: 0.98 W/kg**

**SAR 10g (W/Kg)**

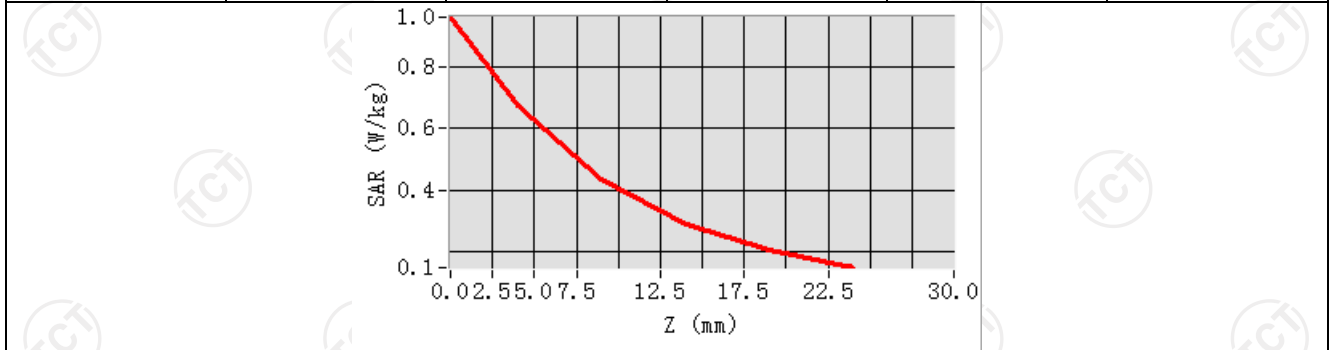
0.305128

**SAR 1g (W/Kg)**

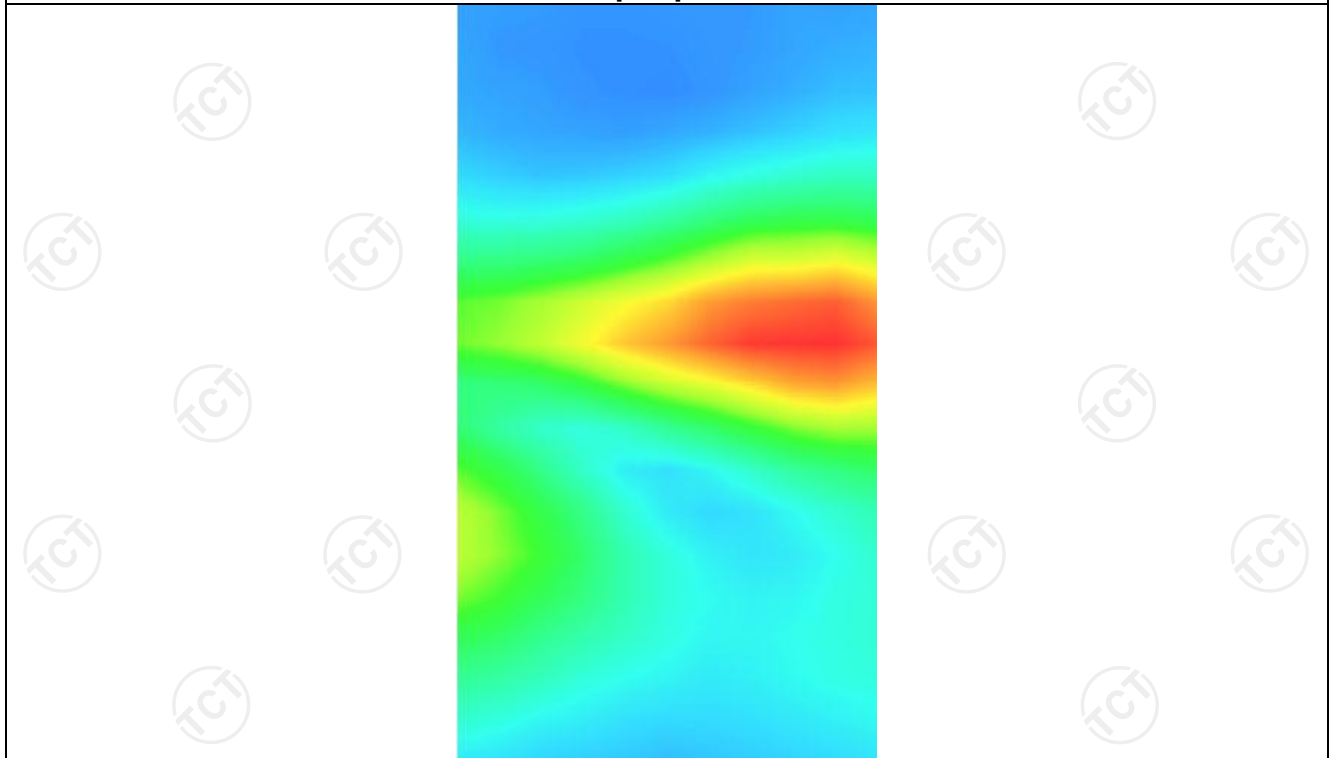
0.557482



<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>0.9781</b>	<b>0.6806</b>	<b>0.4351</b>	<b>0.2910</b>	<b>0.2066</b>



**Hot spot position**



GSM1900

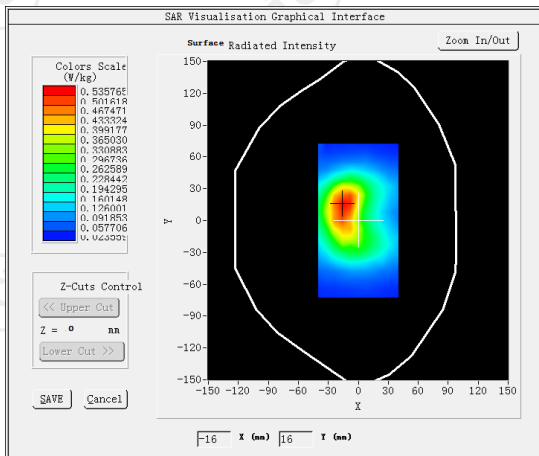
**MEASUREMENT 1**

Low Band SAR (Channel 512):

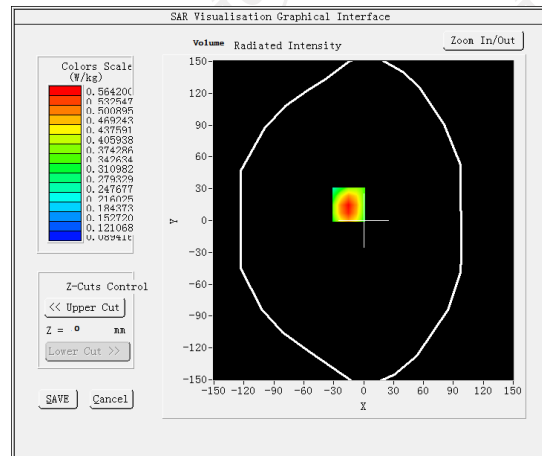
Date: 01/23/2024

Frequency (MHz)	1850.200000
Relative permittivity (real part)	39.076721
Relative permittivity (imaginary part)	12.607061
Conductivity (S/m)	1.367609
Variation (%)	0.870000
Crest Factor	1.0
Probe Conversion factor	2.23
E-Field Probe:	SSE2 (SN 25/22 EPGO375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
Phantom	<u>Validation plane</u>
Device Position	<u>Body front(10mm)</u>
Band	<u>GSM1900(voice)</u>

**SURFACE SAR**



**VOLUME SAR**



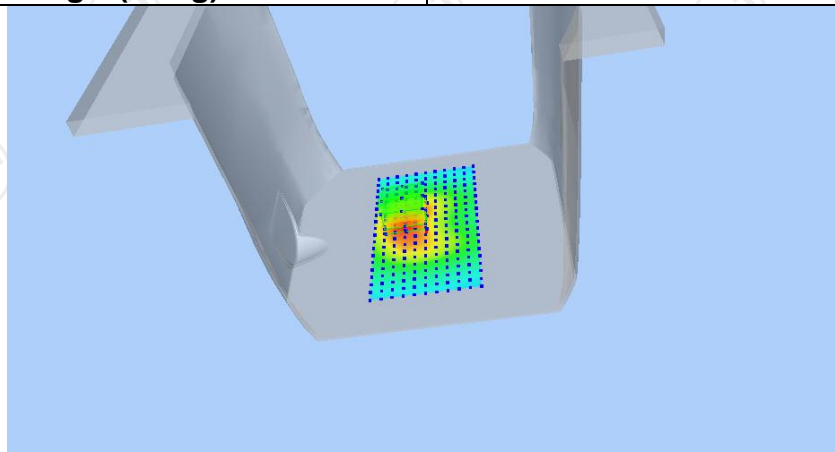
Maximum location: X=-15.00, Y=15.00 SAR Peak: 0.58 W/kg

SAR 10g (W/Kg)

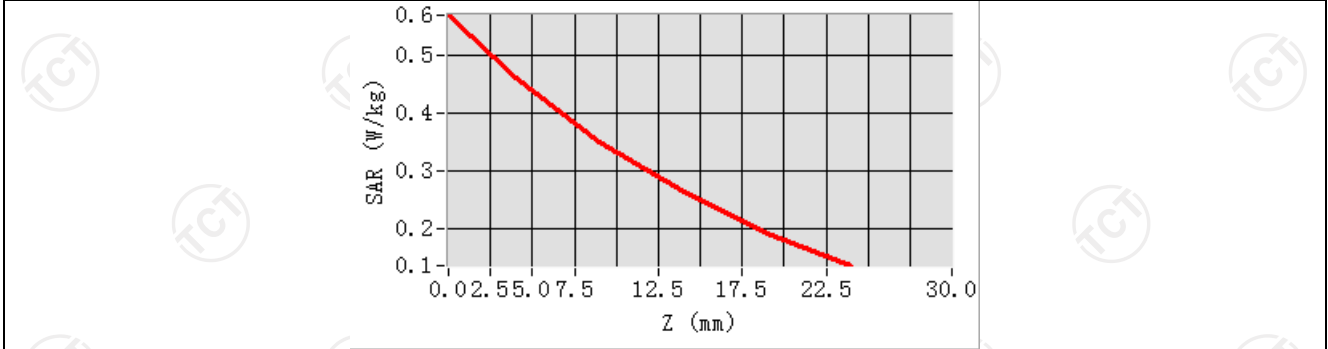
0.221564

SAR 1g (W/Kg)

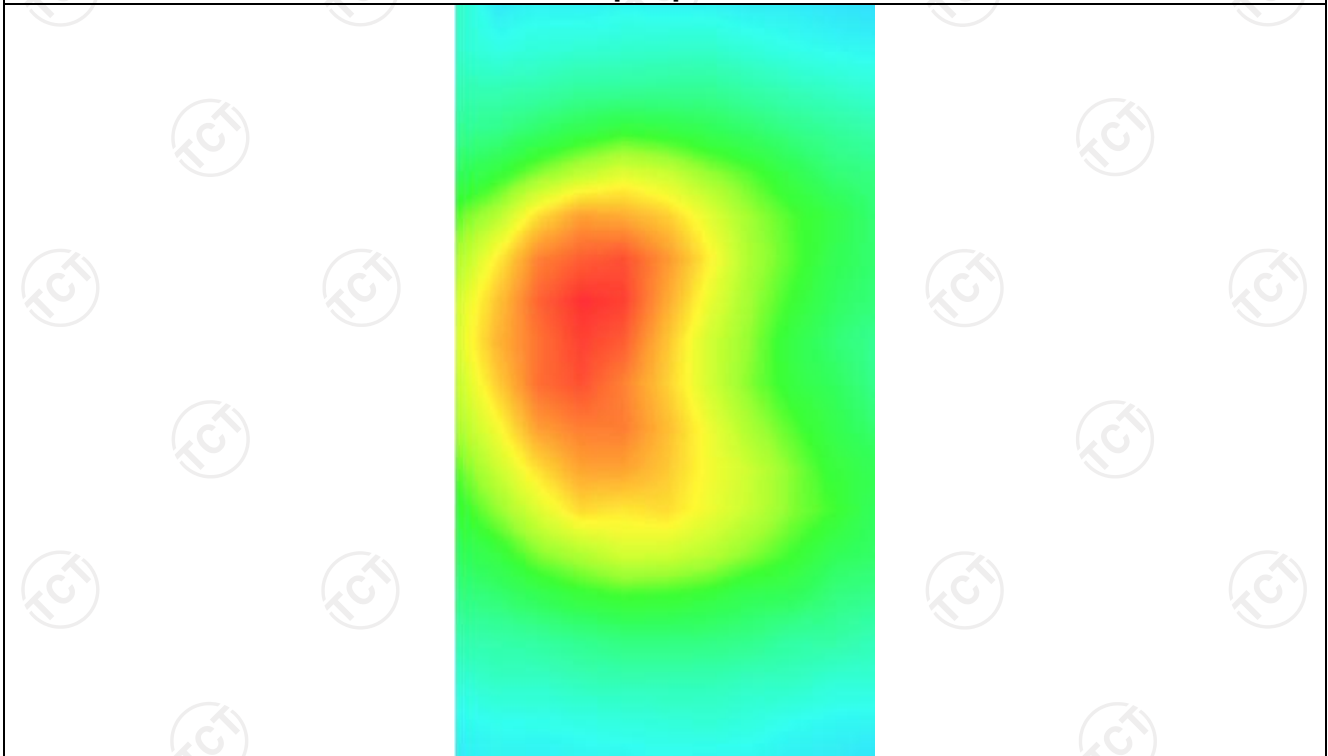
0.330571



<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>0.5801</b>	<b>0.4710</b>	<b>0.3507</b>	<b>0.2631</b>	<b>0.1988</b>



**Hot spot position**



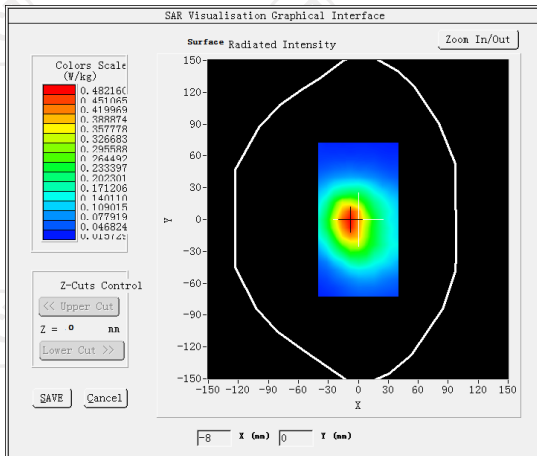
**MEASUREMENT 2**

Low Band SAR (Channel 512):

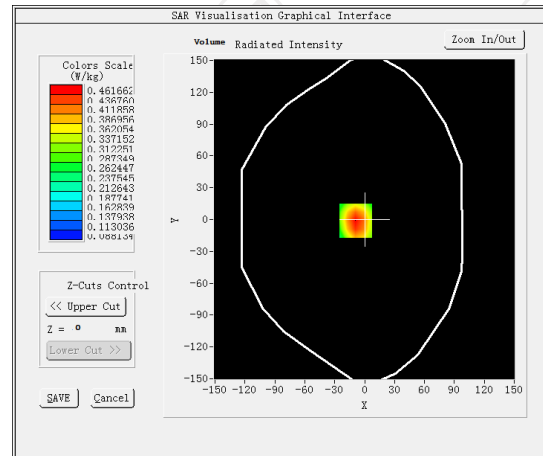
Date: 01/23/2024

<b>Frequency (MHz)</b>	1850.200000
<b>Relative permittivity (real part)</b>	39.076721
<b>Relative permittivity (imaginary part)</b>	12.607061
<b>Conductivity (S/m)</b>	1.367609
<b>Variation (%)</b>	2.420000
<b>Crest Factor</b>	1.0
<b>Probe Conversion factor</b>	2.23
<b>E-Field Probe:</b>	SSE2 (SN 25/22 EPG0375)
<b>Area Scan</b>	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
<b>ZoomScan</b>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body back(10mm)</u>
<b>Band</b>	<u>GSM1900(voice)</u>

**SURFACE SAR**



**VOLUME SAR**



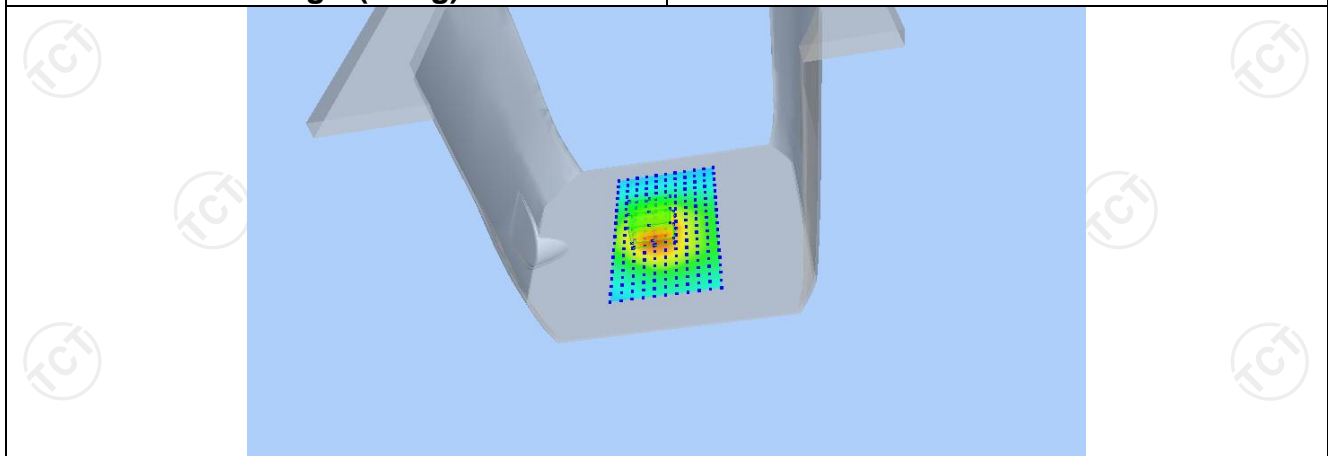
**Maximum location: X=-9.00, Y=-1.00 SAR Peak: 0.80 W/kg**

**SAR 10g (W/Kg)**

0.375128

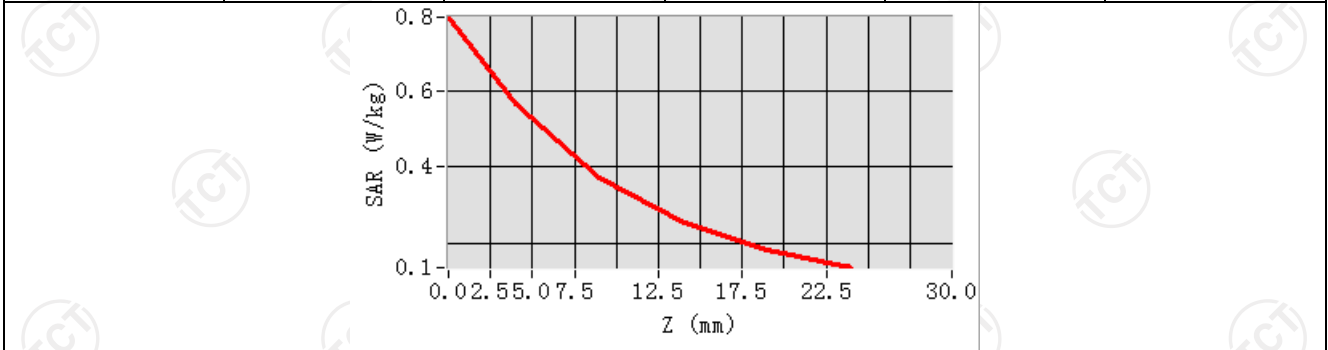
**SAR 1g (W/Kg)**

0.420189

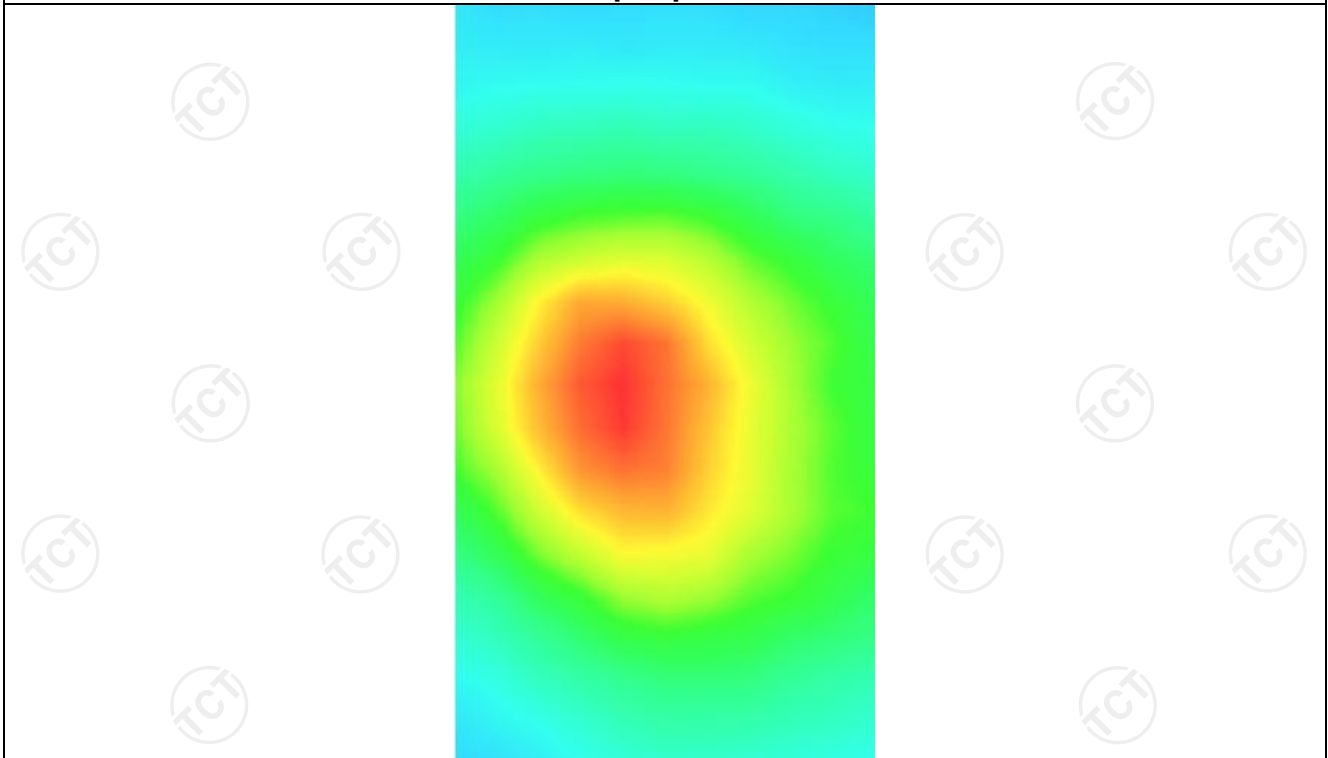




<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>0.7933</b>	<b>0.5642</b>	<b>0.3707</b>	<b>0.2530</b>	<b>0.1834</b>



**Hot spot position**



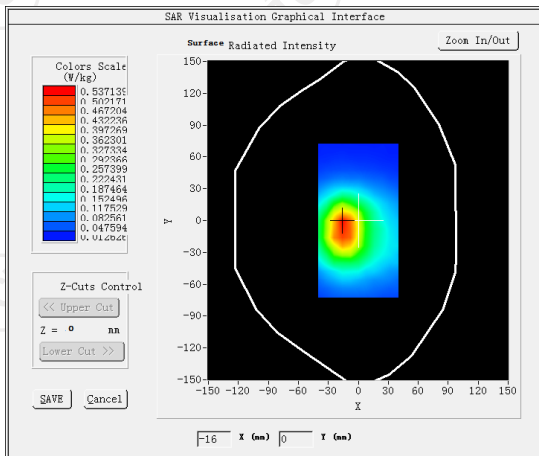
**MEASUREMENT 3**

Low Band SAR (Channel 512):

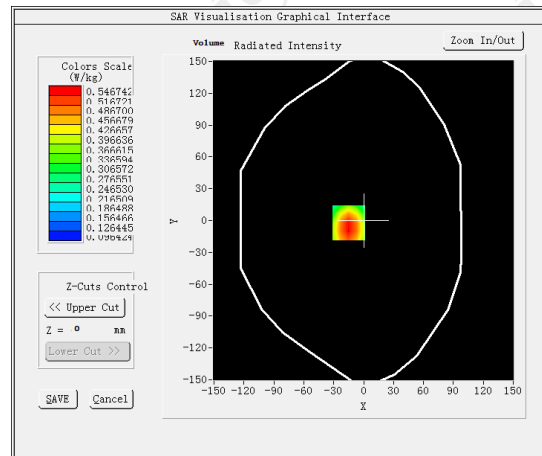
Date: 01/23/2024

Frequency (MHz)	1850.200000
Relative permittivity (real part)	39.076721
Relative permittivity (imaginary part)	12.607061
Conductivity (S/m)	1.367609
Variation (%)	1.070000
Crest Factor	1.0
Probe Conversion factor	2.23
E-Field Probe:	SSE2 (SN 25/22 EPGO375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
Phantom	<u>Validation plane</u>
Device Position	<u>Body back(10mm)</u>
Band	<u>GSM1900(GPRS 3slot)</u>

**SURFACE SAR**



**VOLUME SAR**



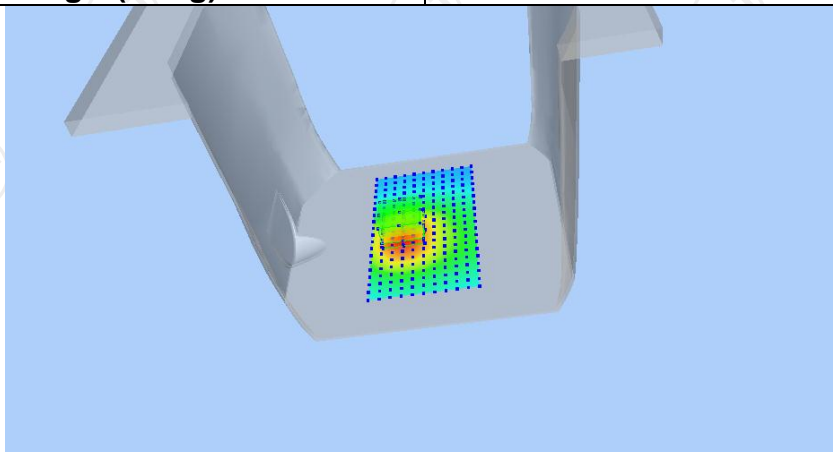
Maximum location: X=-15.00, Y=-2.00 SAR Peak: 0.77 W/kg

SAR 10g (W/Kg)

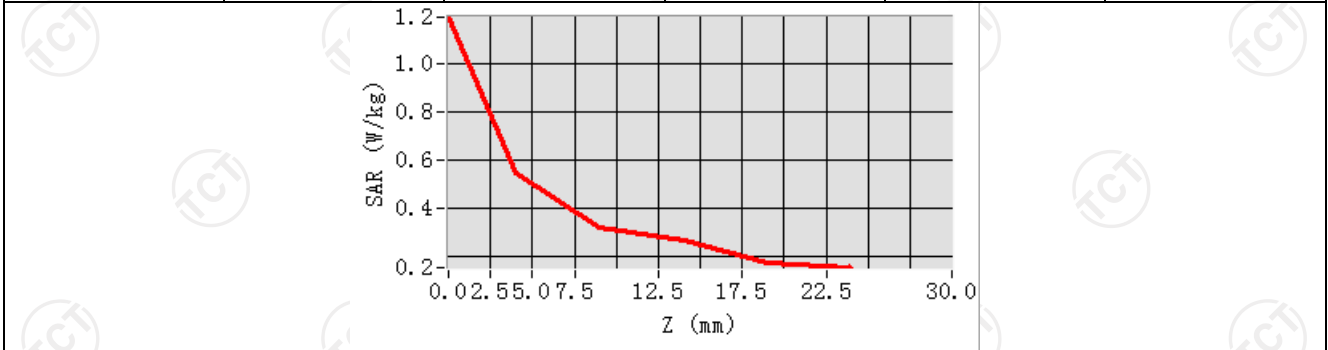
0.227587

SAR 1g (W/Kg)

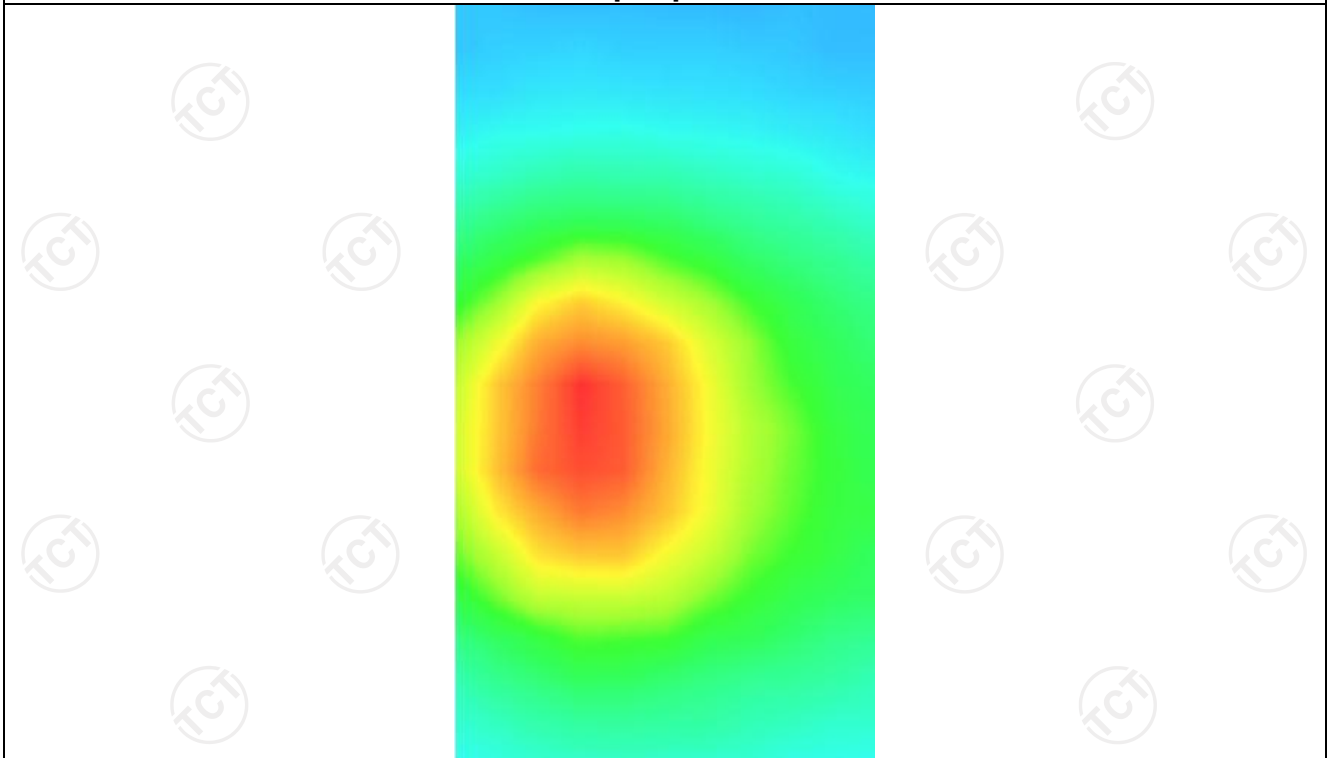
0.357006



<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>1.1922</b>	<b>0.5467</b>	<b>0.3191</b>	<b>0.2627</b>	<b>0.1707</b>



**Hot spot position**



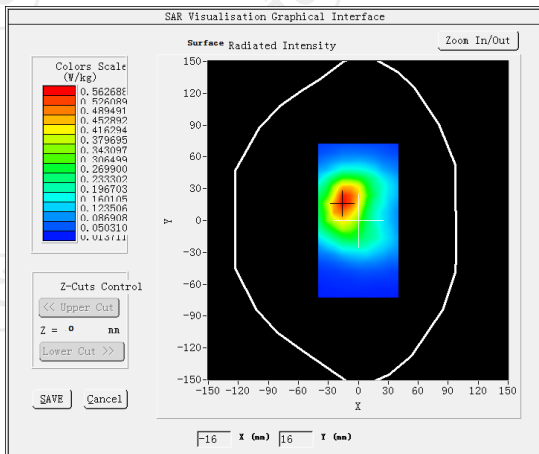
**MEASUREMENT 4**

Low Band SAR (Channel 512):

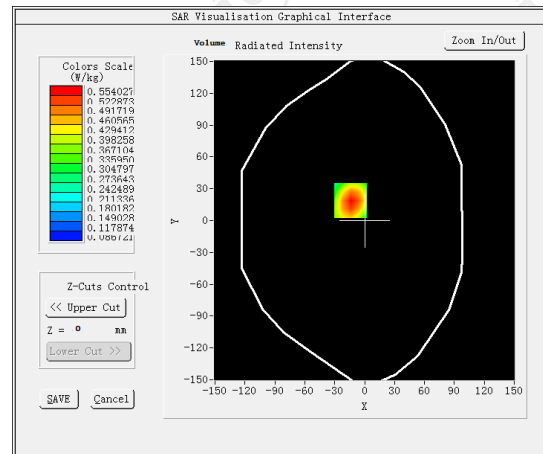
Date: 01/23/2024

Frequency (MHz)	1850.200000
Relative permittivity (real part)	39.076721
Relative permittivity (imaginary part)	12.607061
Conductivity (S/m)	1.367609
Variation (%)	-3.410000
Crest Factor	1.0
Probe Conversion factor	2.23
E-Field Probe:	SSE2 (SN 25/22 EPGO375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
Phantom	<u>Validation plane</u>
Device Position	<u>Body back(10mm)</u>
Band	<u>GSM1900(GPRS 3slot hotspot)</u>

**SURFACE SAR**



**VOLUME SAR**



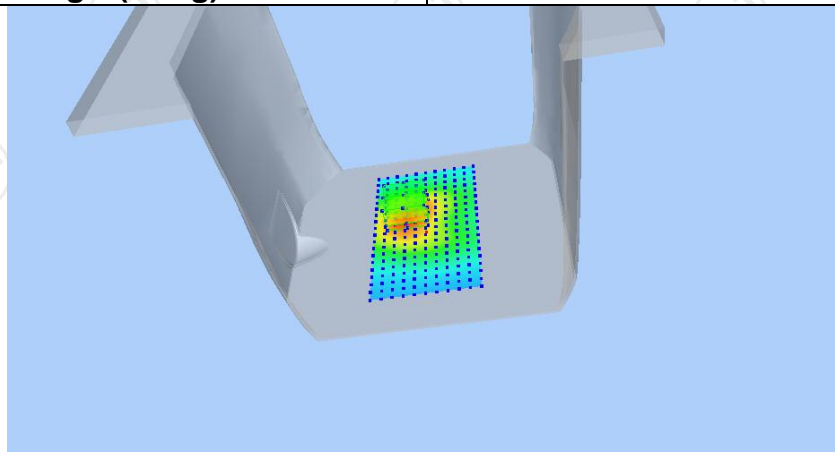
Maximum location: X=-14.00, Y=19.00 SAR Peak: 0.75 W/kg

SAR 10g (W/Kg)

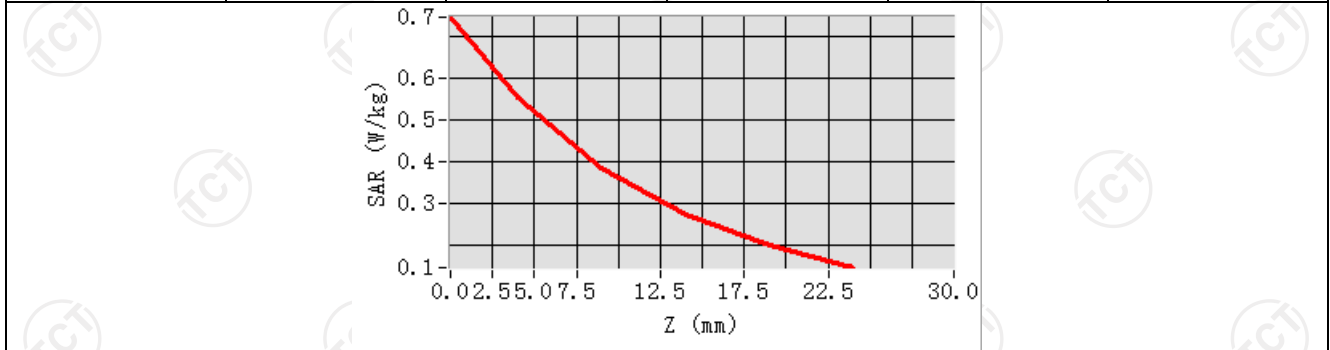
0.206410

SAR 1g (W/Kg)

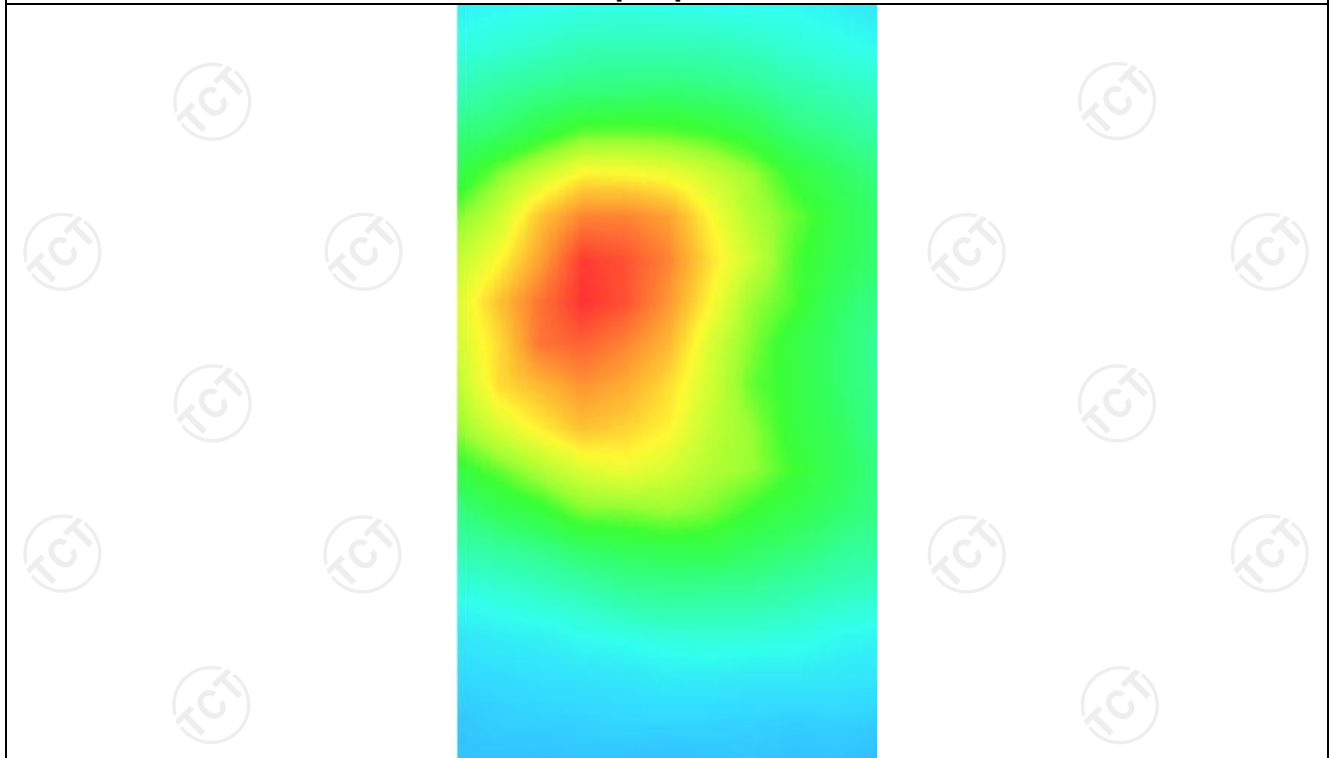
0.341580



<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>0.7446</b>	<b>0.5540</b>	<b>0.3838</b>	<b>0.2716</b>	<b>0.1984</b>



**Hot spot position**



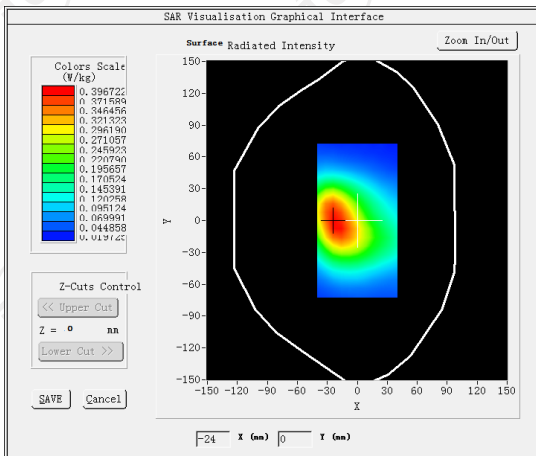
WCDMA Band II  
**MEASUREMENT 1**

Low Band SAR (Channel 9262):

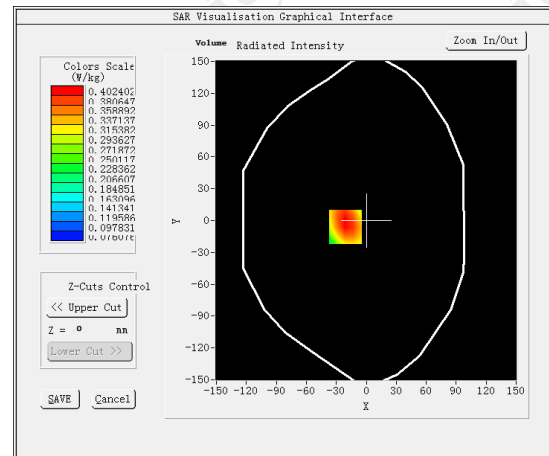
Date: 01/23/2024

Frequency (MHz)	1852.400000
Relative permittivity (real part)	40.000000
Relative permittivity (imaginary part)	13.408000
Conductivity (S/m)	1.400391
Variation (%)	-3.470000
Crest Factor	1.0
Probe Conversion factor	2.23
E-Field Probe:	SSE2 (SN 25/22 EPGO375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
Phantom	<u>Validation plane</u>
Device Position	<u>Body front(10mm)</u>
Band	<u>BAND2 WCDMA1900</u>

**SURFACE SAR**



**VOLUME SAR**



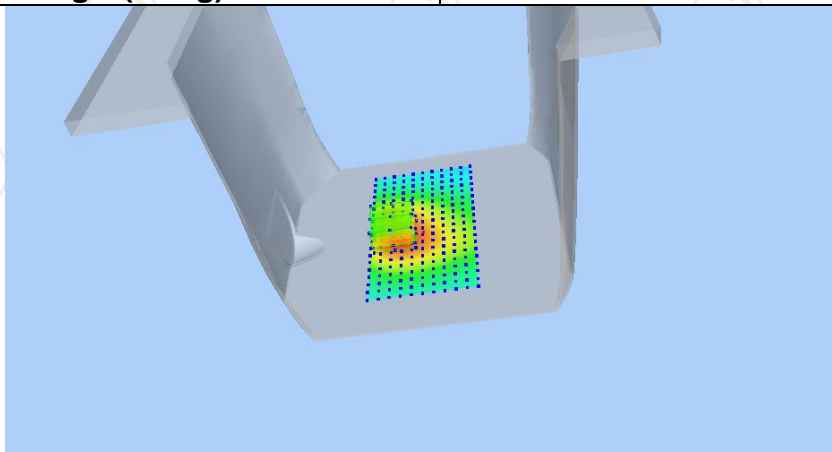
Maximum location: X=-21.00, Y=-6.00 SAR Peak: 0.53 W/kg

SAR 10g (W/Kg)

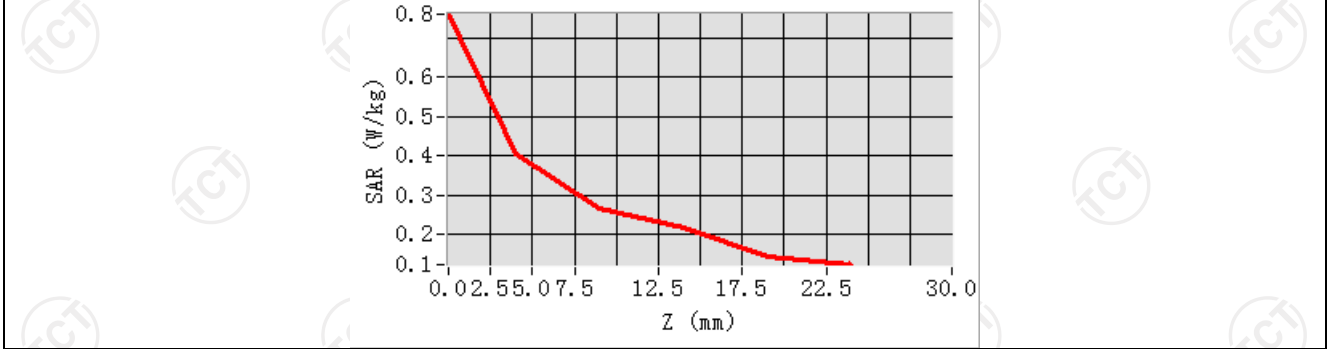
0.144233

SAR 1g (W/Kg)

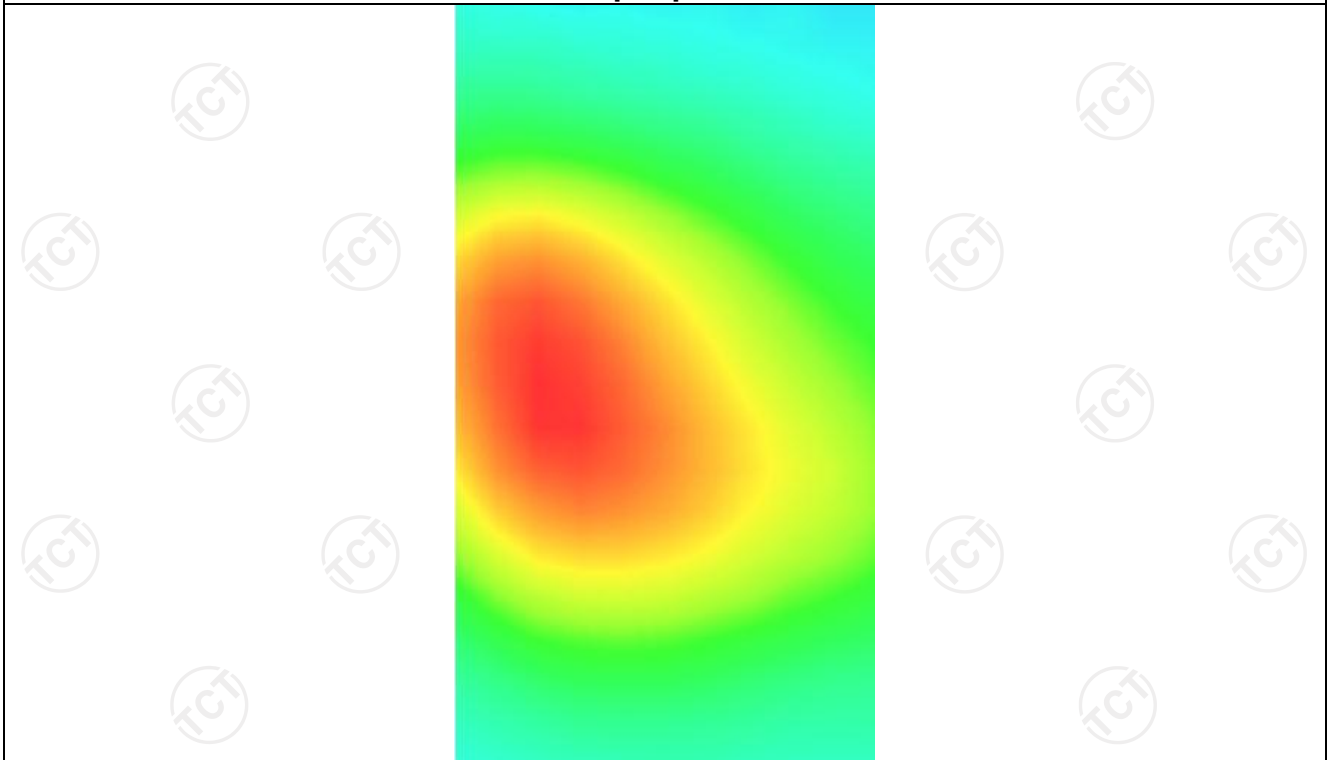
0.261520



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.7595	0.4024	0.2656	0.2152	0.1441



**Hot spot position**



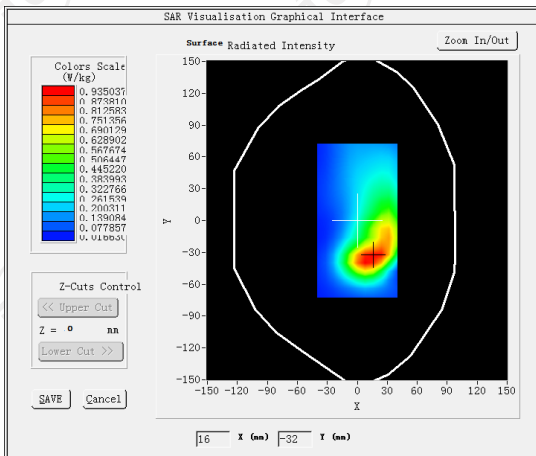
**MEASUREMENT 2**

Low Band SAR (Channel 9262):

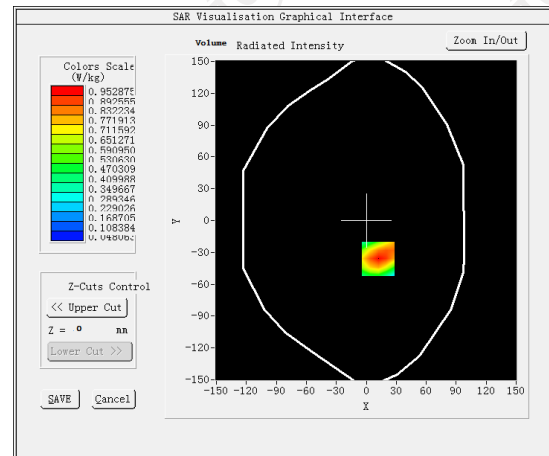
Date: 01/23/2024

<b>Frequency (MHz)</b>	1852.400000
<b>Relative permittivity (real part)</b>	40.000000
<b>Relative permittivity (imaginary part)</b>	13.408000
<b>Conductivity (S/m)</b>	1.400391
<b>Variation (%)</b>	0.410000
<b>Crest Factor</b>	1.0
<b>Probe Conversion factor</b>	2.23
<b>E-Field Probe:</b>	SSE2 (SN 25/22 EPGO375)
<b>Area Scan</b>	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
<b>ZoomScan</b>	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body back(10mm)</u>
<b>Band</b>	<u>BAND2 WCDMA1900</u>

**SURFACE SAR**



**VOLUME SAR**



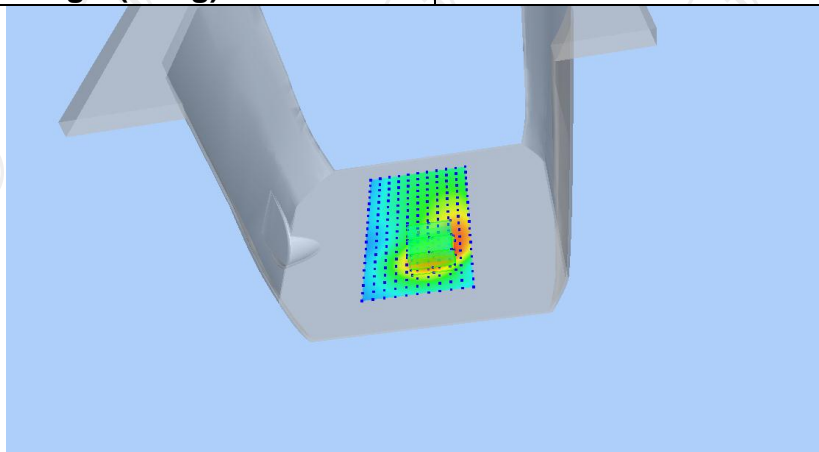
**Maximum location: X=12.00, Y=-36.00 SAR Peak: 1.41 W/kg**

**SAR 10g (W/Kg)**

0.404408

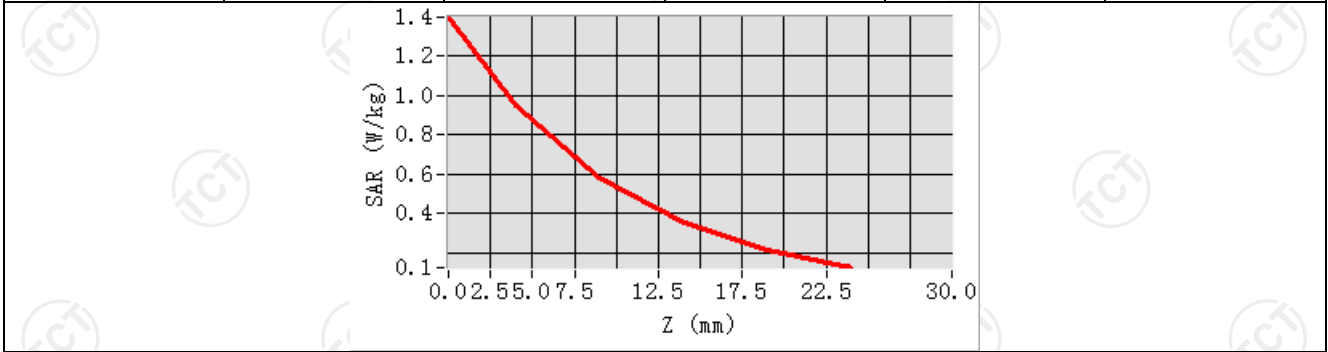
**SAR 1g (W/Kg)**

0.654813

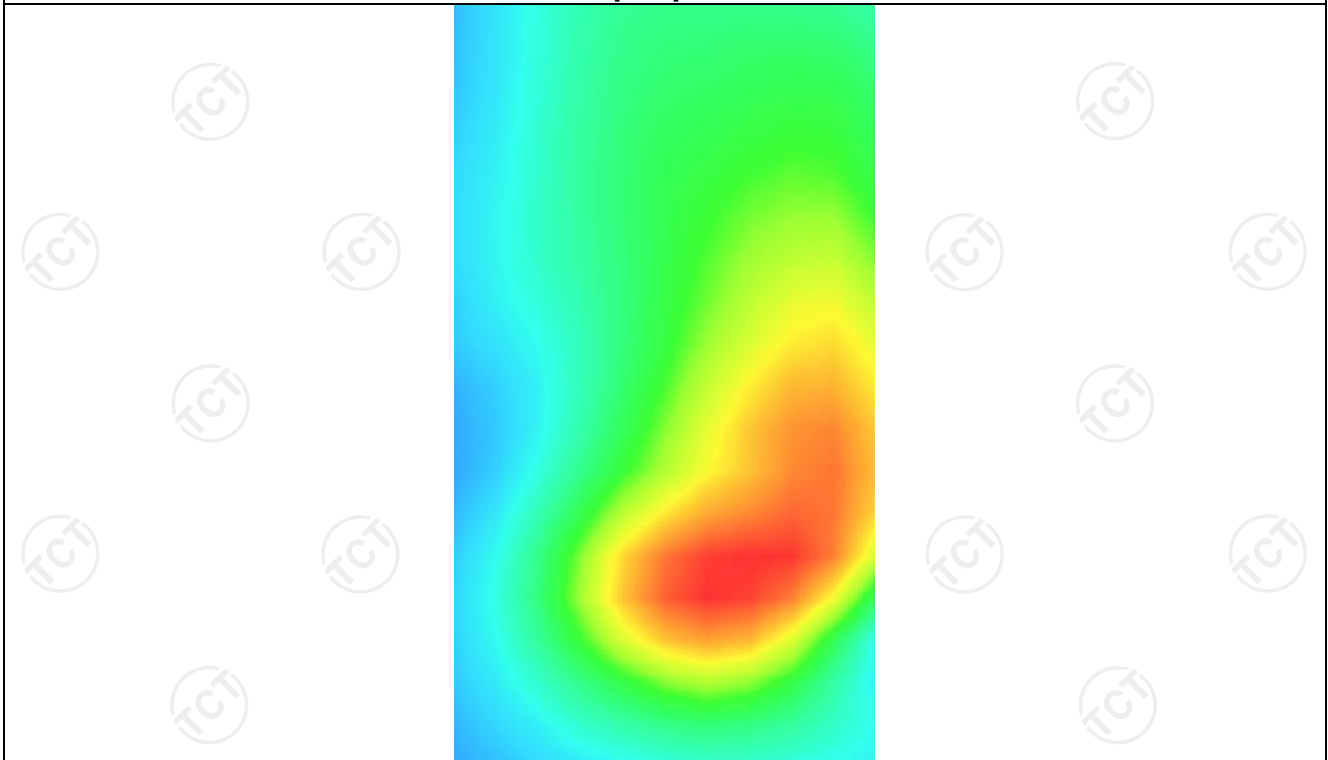




<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>1.3983</b>	<b>0.9529</b>	<b>0.5786</b>	<b>0.3502</b>	<b>0.2142</b>



**Hot spot position**



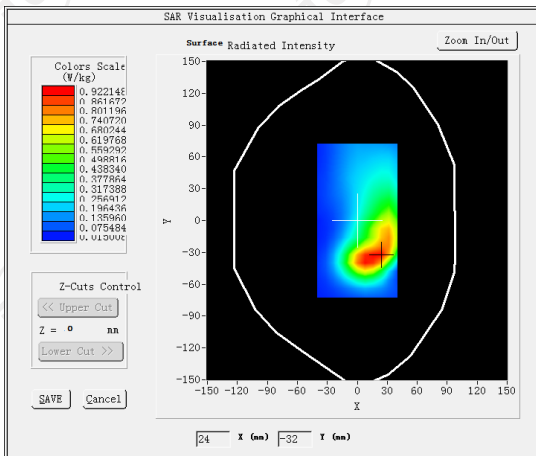
**MEASUREMENT 3**

Low Band SAR (Channel 9262):

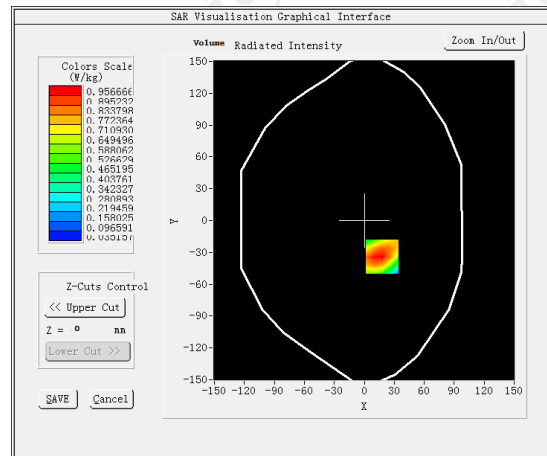
Date: 01/23/2024

<b>Frequency (MHz)</b>	1852.400000
<b>Relative permittivity (real part)</b>	40.000000
<b>Relative permittivity (imaginary part)</b>	13.408000
<b>Conductivity (S/m)</b>	1.400391
<b>Variation (%)</b>	3.100000
<b>Crest Factor</b>	1.0
<b>Probe Conversion factor</b>	2.23
<b>E-Field Probe:</b>	SSE2 (SN 25/22 EPGO375)
<b>Area Scan</b>	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
<b>ZoomScan</b>	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body back(10mm)</u>
<b>Band</b>	<u>BAND2 WCDMA1900(hotspot)</u>

**SURFACE SAR**



**VOLUME SAR**



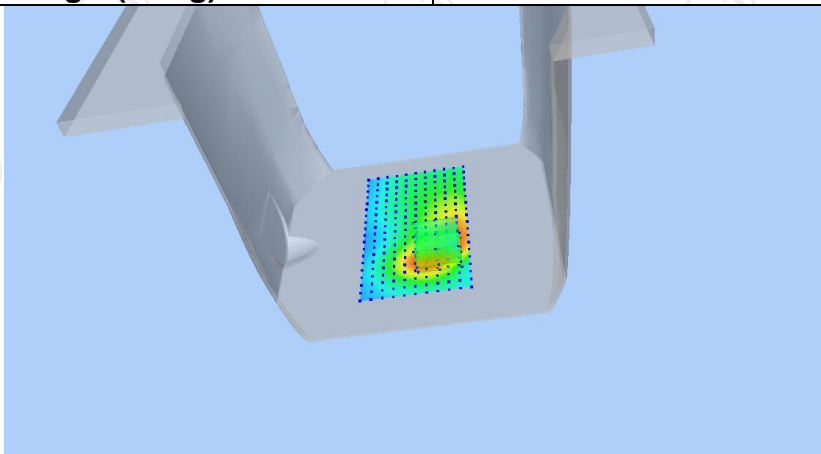
**Maximum location: X=18.00, Y=-34.00 SAR Peak: 1.46 W/kg**

**SAR 10g (W/Kg)**

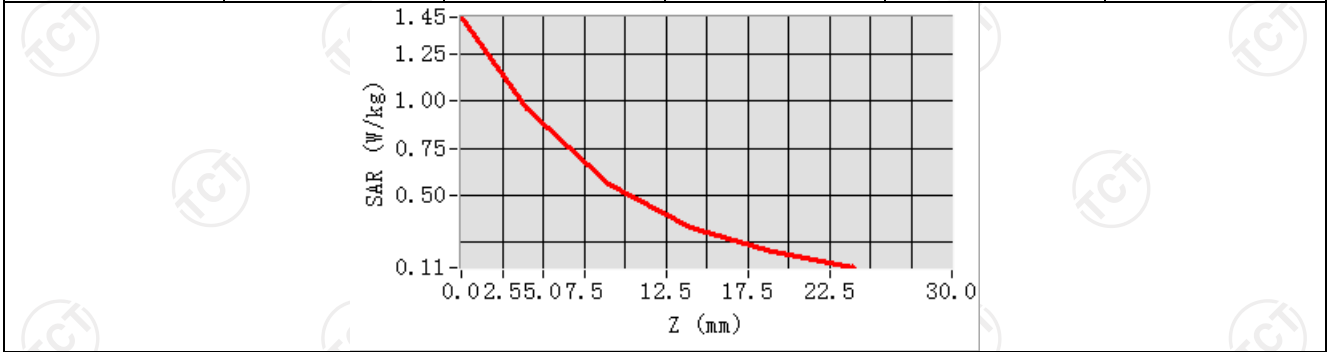
0.505916

**SAR 1g (W/Kg)**

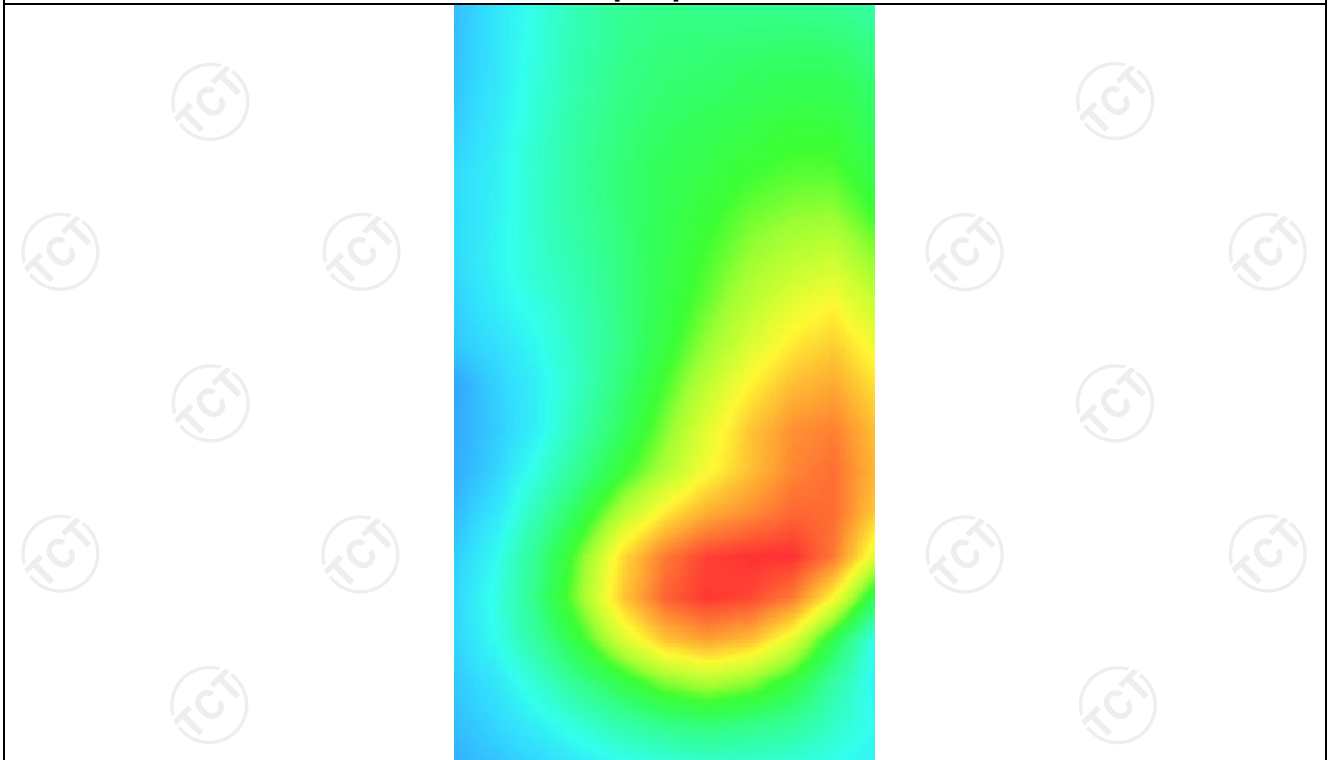
0.710451



<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>1.4488</b>	<b>0.9567</b>	<b>0.5570</b>	<b>0.3246</b>	<b>0.1941</b>



**Hot spot position**



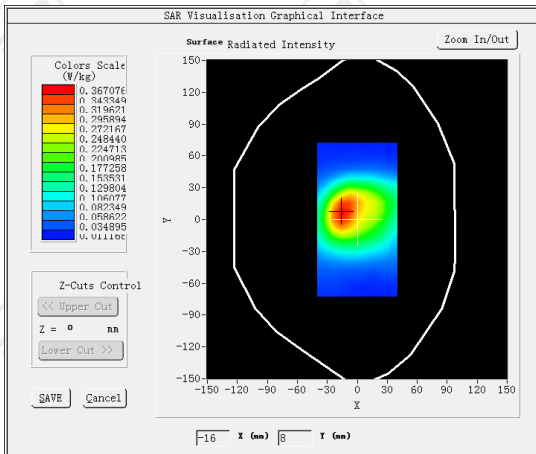
WCDMA Band IV  
**MEASUREMENT 1**

Middle Band SAR (Channel 1450):

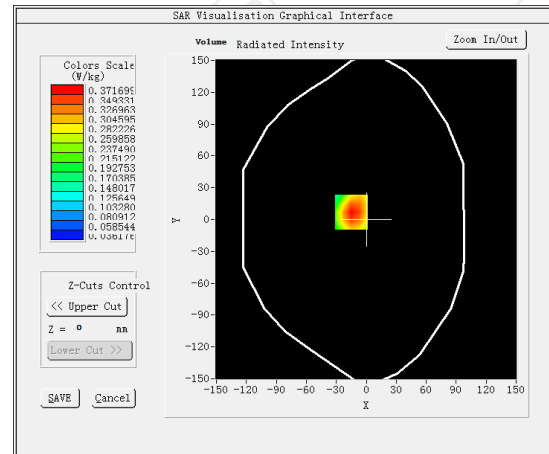
Date: 01/19/2024

<b>Frequency (MHz)</b>	1740.000000
<b>Relative permittivity (real part)</b>	40.116364
<b>Relative permittivity (imaginary part)</b>	14.137455
<b>Conductivity (S/m)</b>	1.360337
<b>Variation (%)</b>	-2.420000
<b>Crest Factor</b>	1.0
<b>Probe Conversion factor</b>	2.08
<b>E-Field Probe:</b>	SSE2 (SN 25/22 EPGO375)
<b>Area Scan</b>	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
<b>ZoomScan</b>	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body front(10mm)</u>
<b>Band</b>	<u>BAND4 WCDMA1700</u>

**SURFACE SAR**



**VOLUME SAR**



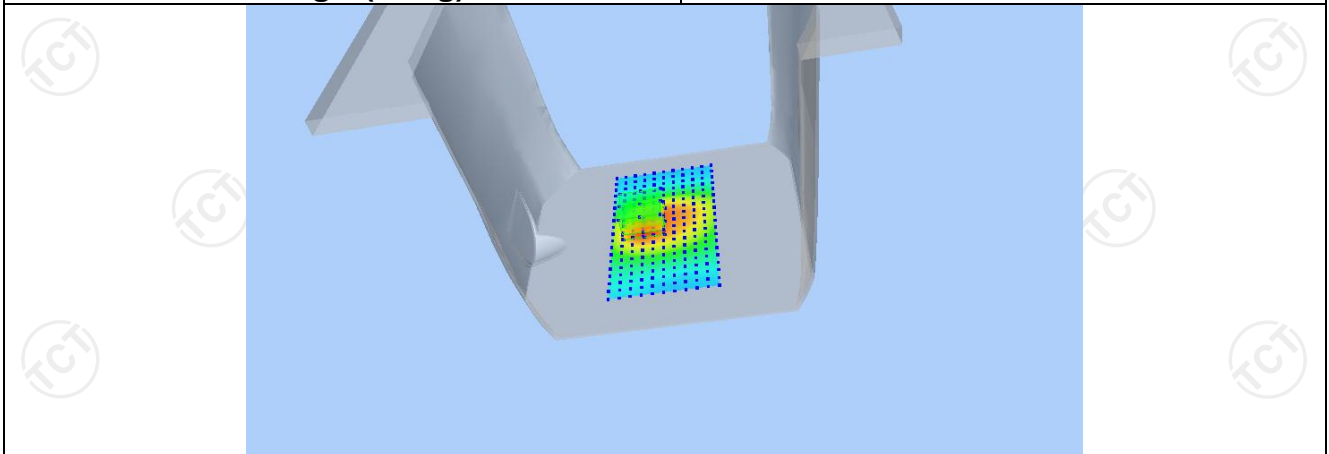
**Maximum location: X=-15.00, Y=7.00 SAR Peak: 0.52 W/kg**

**SAR 10g (W/Kg)**

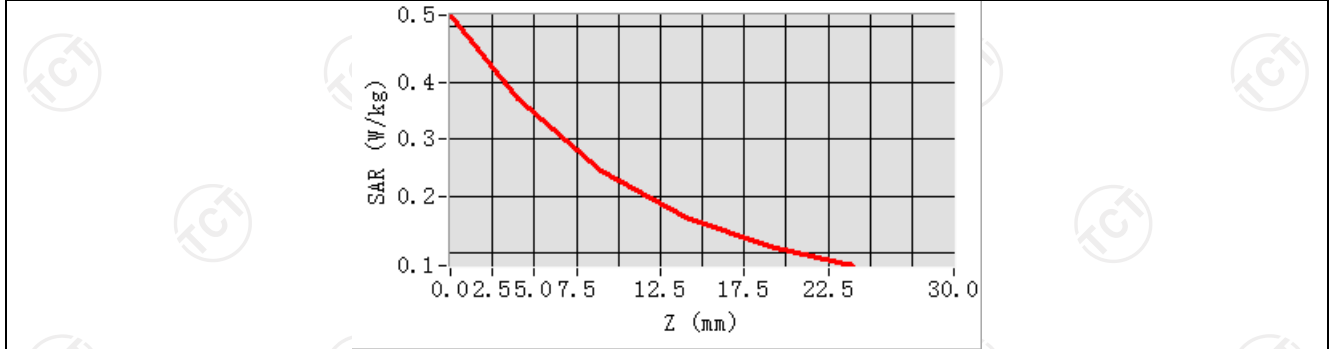
0.207236

**SAR 1g (W/Kg)**

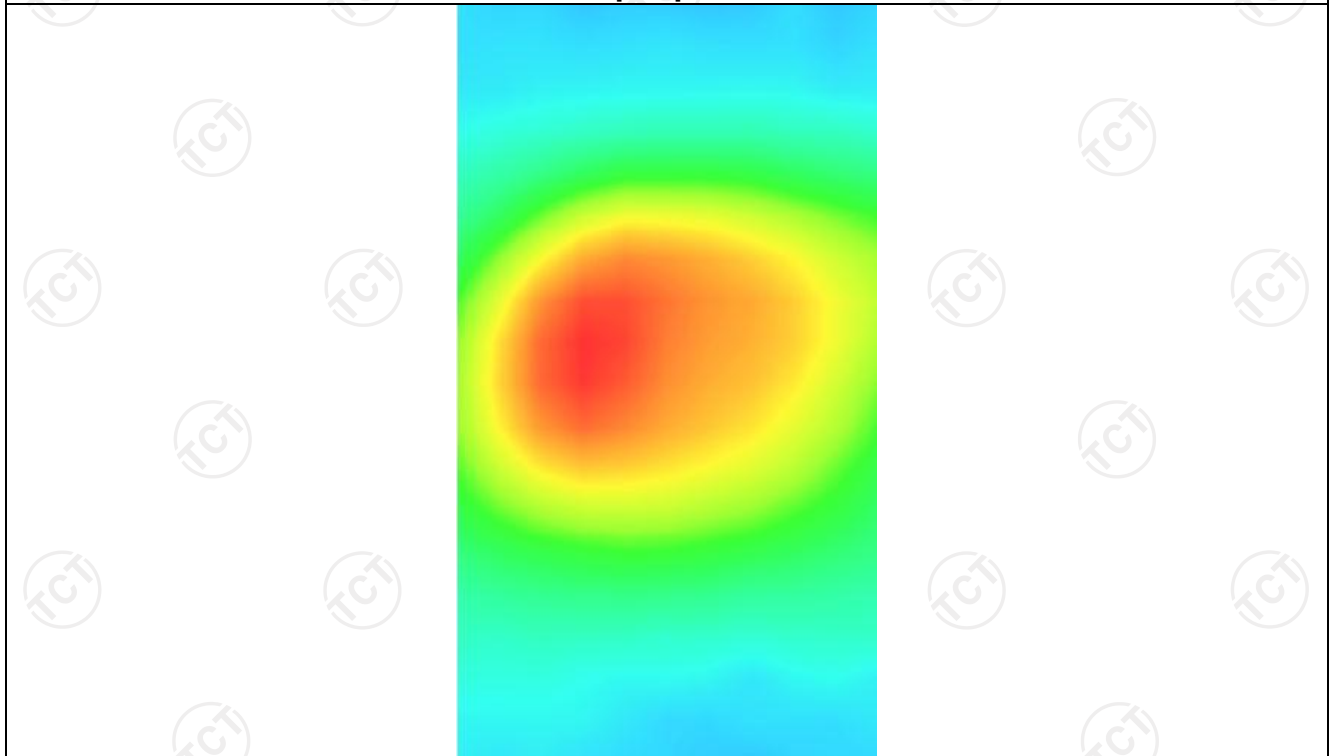
0.271062



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.5206	0.3717	0.2431	0.1618	0.1112



**Hot spot position**



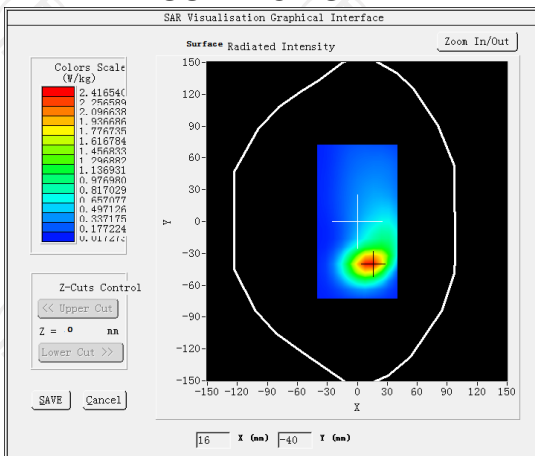
**MEASUREMENT 2**

Middle Band SAR (Channel 1450):

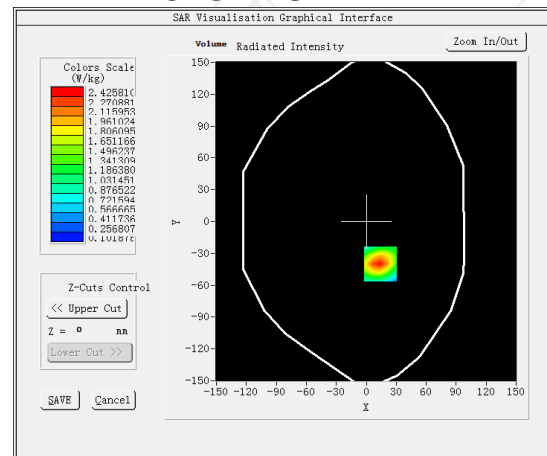
Date: 01/19/2024

<b>Frequency (MHz)</b>	1740.000000
<b>Relative permittivity (real part)</b>	40.116364
<b>Relative permittivity (imaginary part)</b>	14.137455
<b>Conductivity (S/m)</b>	1.360337
<b>Variation (%)</b>	0.430000
<b>Crest Factor</b>	1.0
<b>Probe Conversion factor</b>	2.08
<b>E-Field Probe:</b>	SSE2 (SN 25/22 EPGO375)
<b>Area Scan</b>	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
<b>ZoomScan</b>	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body back(10mm)</u>
<b>Band</b>	<u>BAND4 WCDMA1700</u>

**SURFACE SAR**

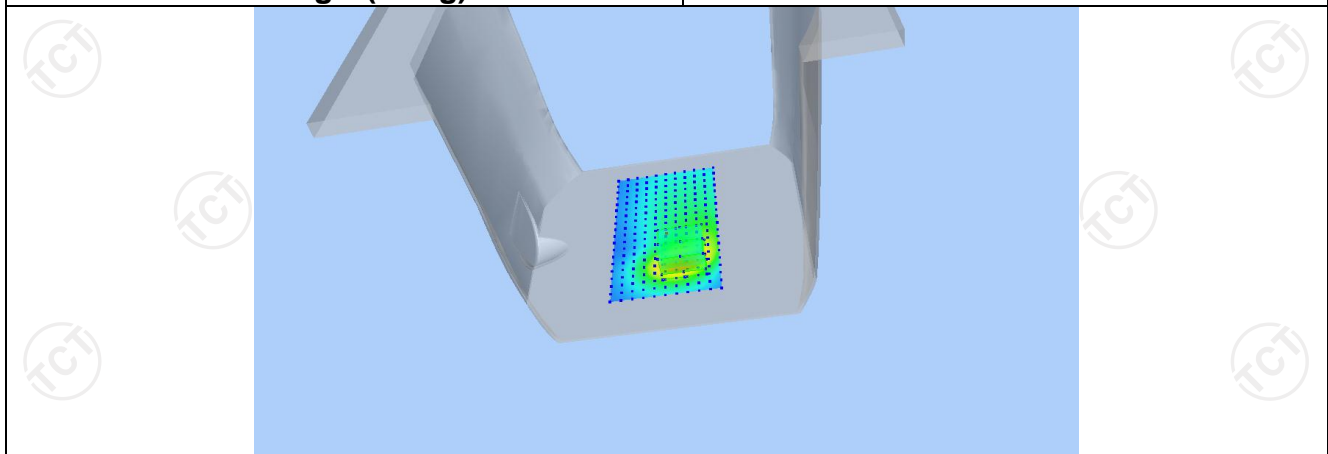


**VOLUME SAR**

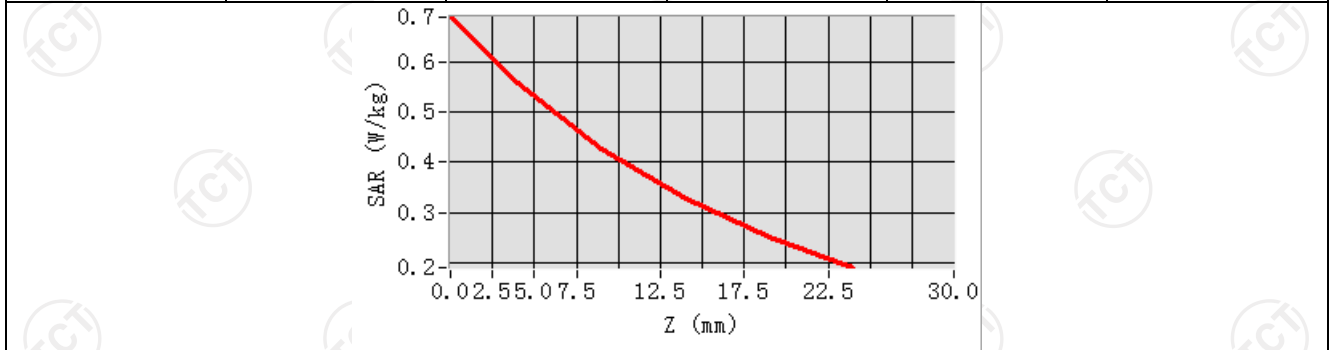


**Maximum location: X=14.00, Y=-40.00 SAR Peak: 0.69 W/kg**

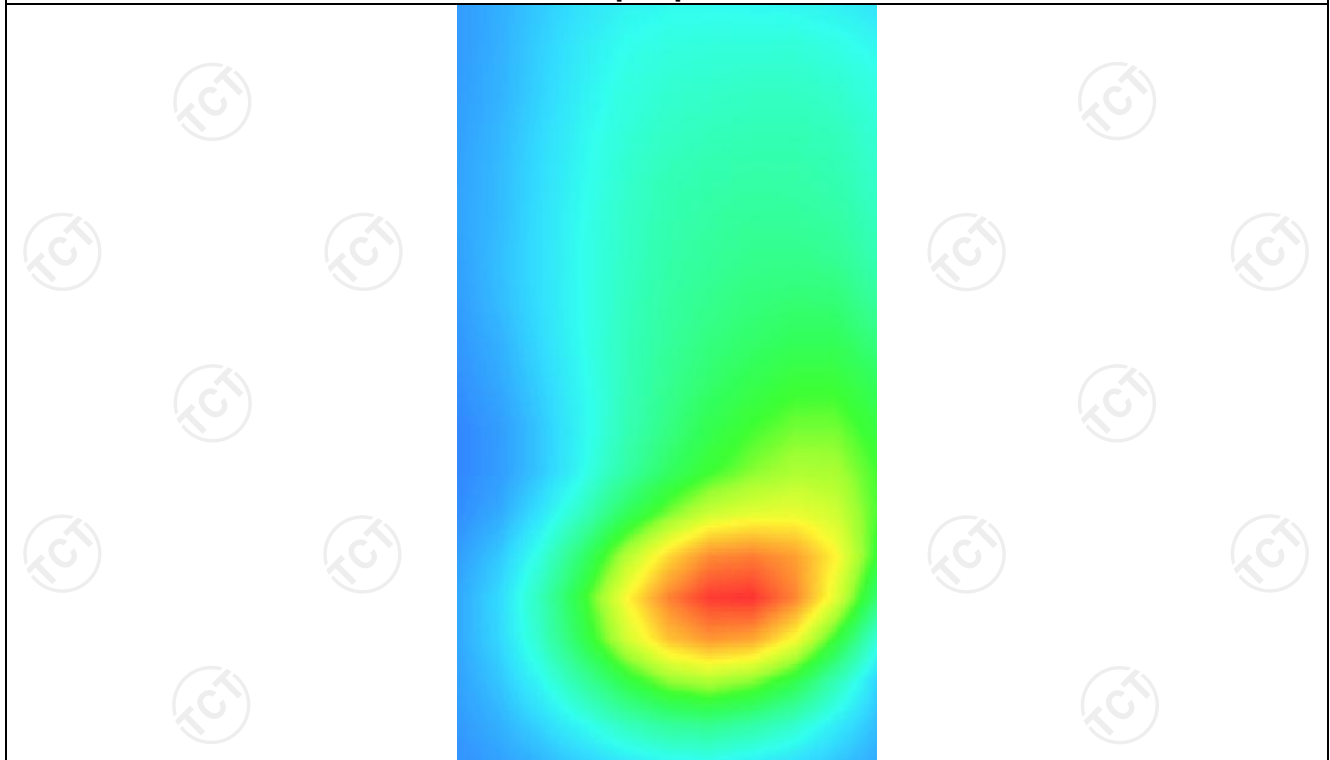
<b>SAR 10g (W/Kg)</b>	0.231257
<b>SAR 1g (W/Kg)</b>	0.406172



<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>0.6997</b>	<b>0.5621</b>	<b>0.4357</b>	<b>0.3312</b>	<b>0.2522</b>



**Hot spot position**



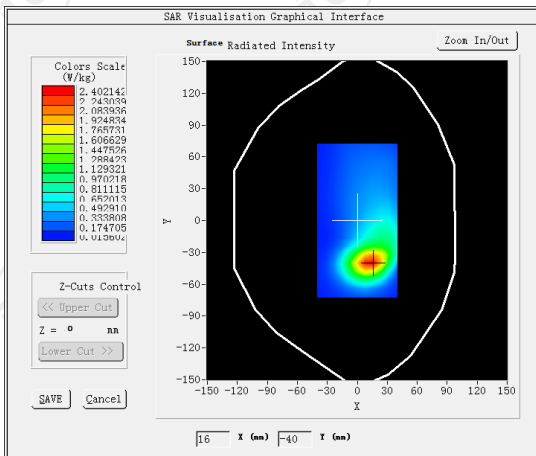
**MEASUREMENT 3**

Middle Band SAR (Channel 1450):

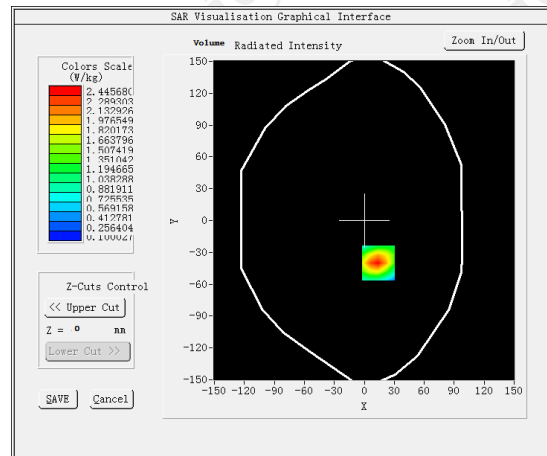
Date: 01/19/2024

<b>Frequency (MHz)</b>	1740.000000
<b>Relative permittivity (real part)</b>	40.116364
<b>Relative permittivity (imaginary part)</b>	14.137455
<b>Conductivity (S/m)</b>	1.360337
<b>Variation (%)</b>	1.600000
<b>Crest Factor</b>	1.0
<b>Probe Conversion factor</b>	2.08
<b>E-Field Probe:</b>	SSE2 (SN 25/22 EPGO375)
<b>Area Scan</b>	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
<b>ZoomScan</b>	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body back (10mm)</u>
<b>Band</b>	<u>BAND4 WCDMA1700(hotspot)</u>

**SURFACE SAR**



**VOLUME SAR**



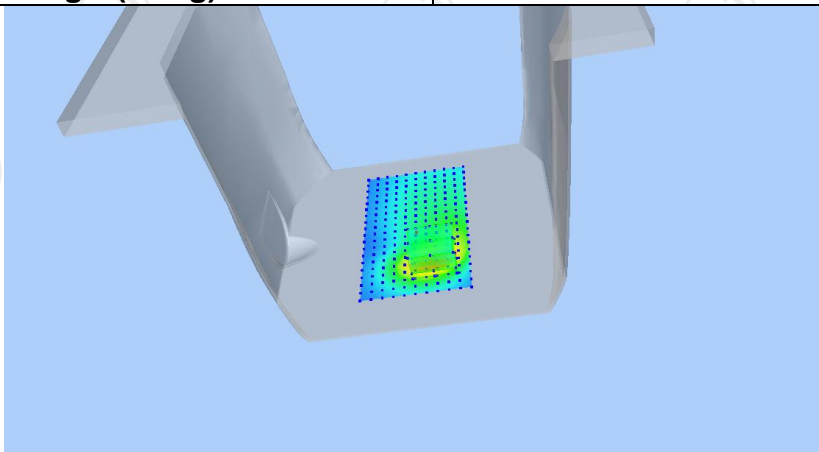
**Maximum location: X=14.00, Y=-40.00 SAR Peak: 1.52 W/kg**

**SAR 10g (W/Kg)**

0.510677

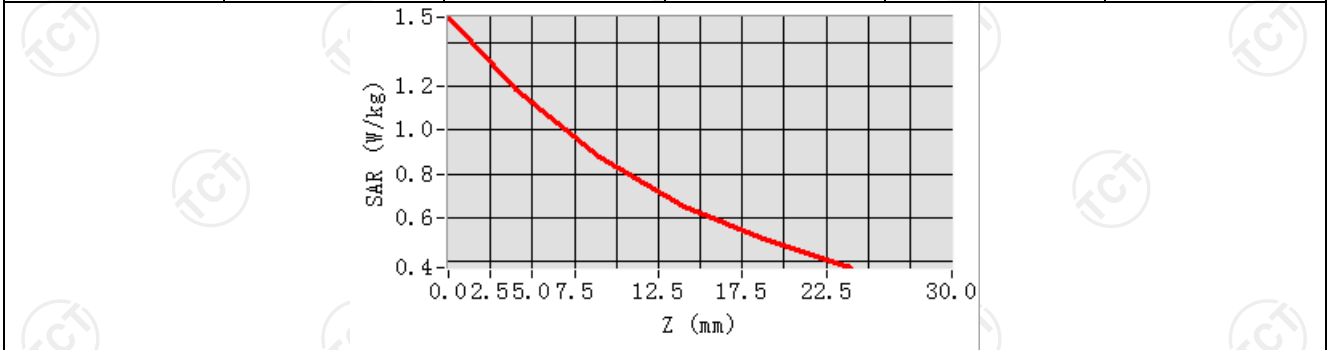
**SAR 1g (W/Kg)**

0.706208

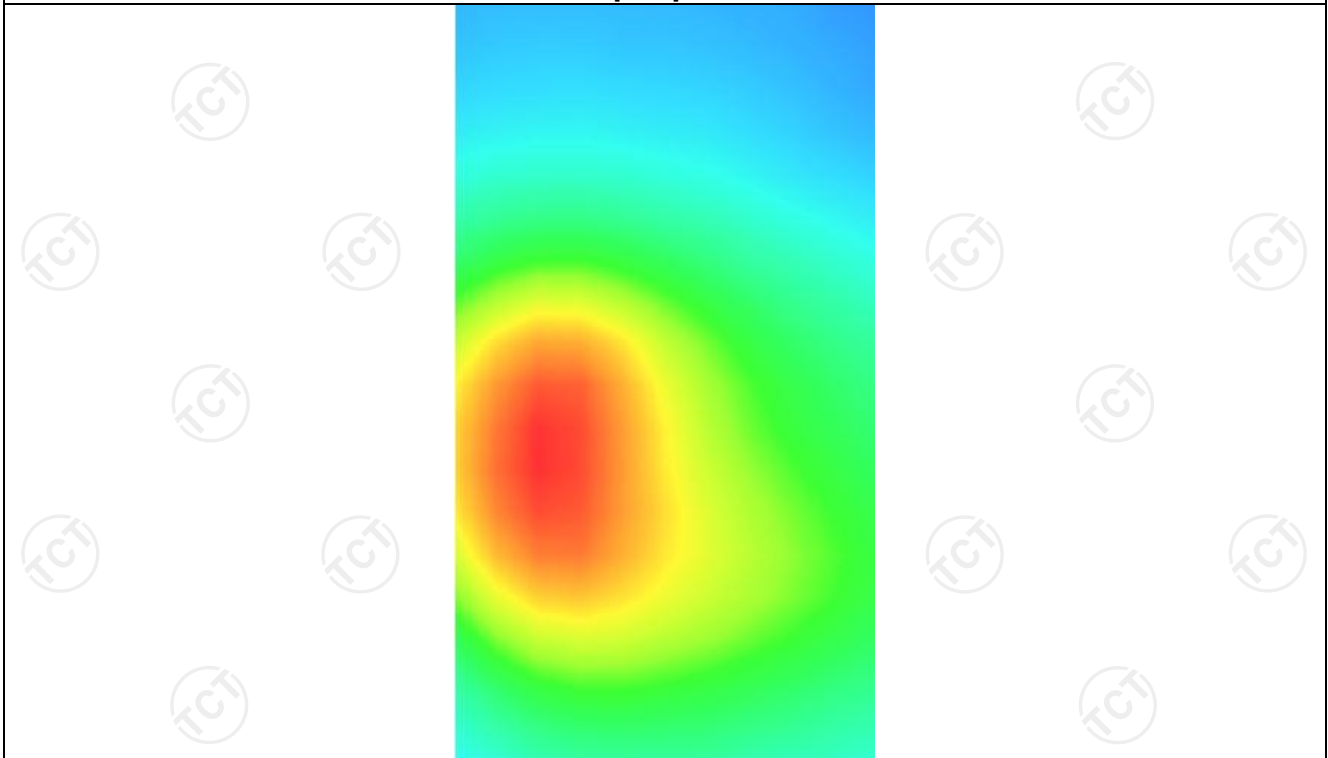




<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>1.5144</b>	<b>1.1861</b>	<b>0.8754</b>	<b>0.6540</b>	<b>0.4964</b>



**Hot spot position**



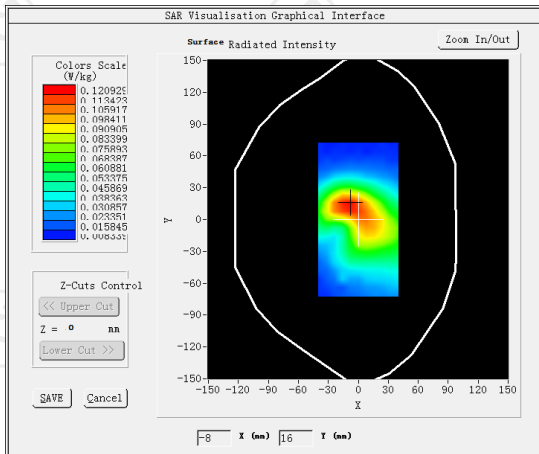
WCDMA Band V  
**MEASUREMENT 1**

Middle Band SAR (Channel 4182):

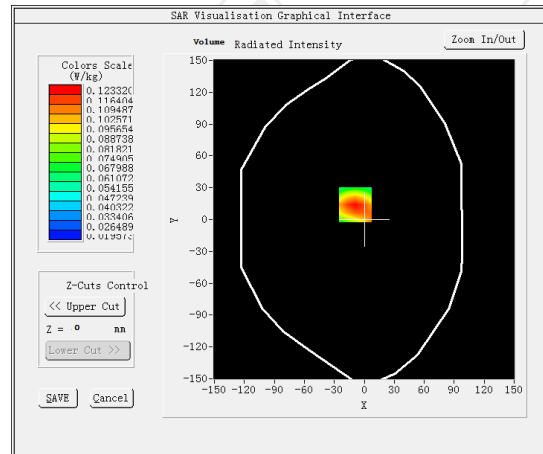
Date: 01/16/2024

<b>Frequency (MHz)</b>	826.400000
<b>Relative permittivity (real part)</b>	41.500000
<b>Relative permittivity (imaginary part)</b>	19.400000
<b>Conductivity (S/m)</b>	0.901453
<b>Variation (%)</b>	1.690000
<b>Crest Factor:</b>	1.0
<b>Probe Conversion factor</b>	1.80
<b>E-Field Probe:</b>	SSE2 (SN 25/22 EPG0375)
<b>Area Scan</b>	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
<b>ZoomScan</b>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body front(10mm)</u>
<b>Band</b>	<u>BAND5 WCDMA850</u>

**SURFACE SAR**

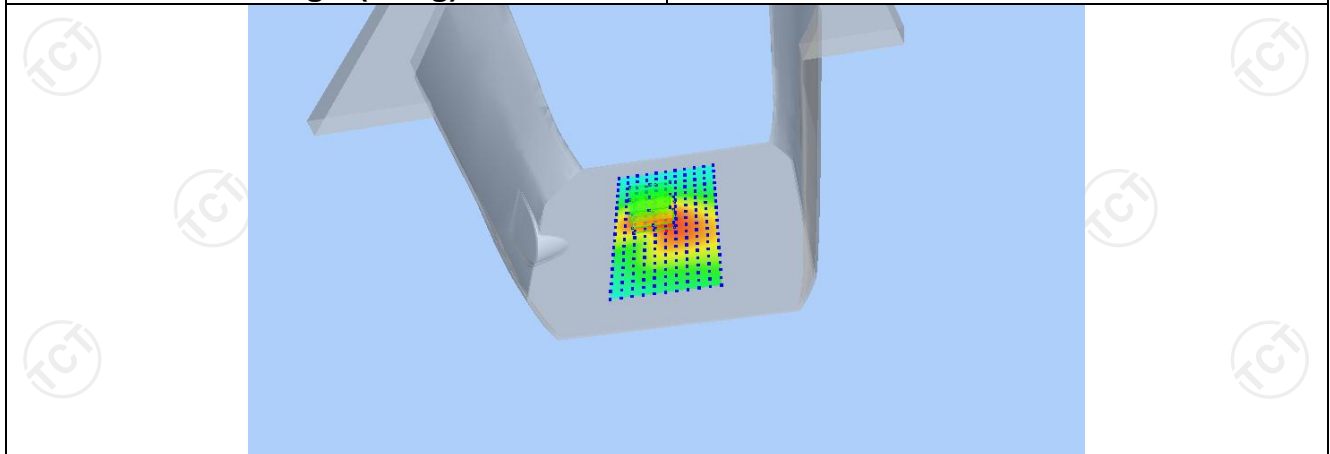


**VOLUME SAR**

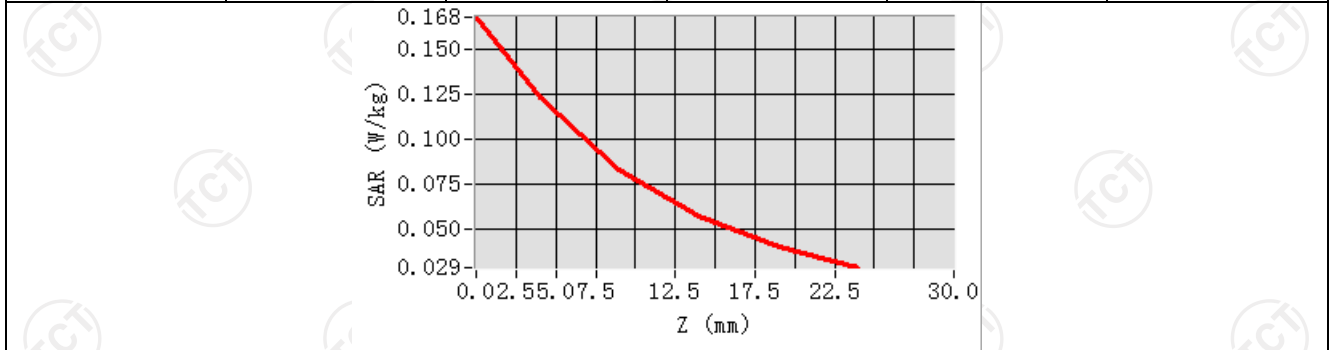


**Maximum location: X=-9.00, Y=14.00 SAR Peak: 0.17 W/kg**

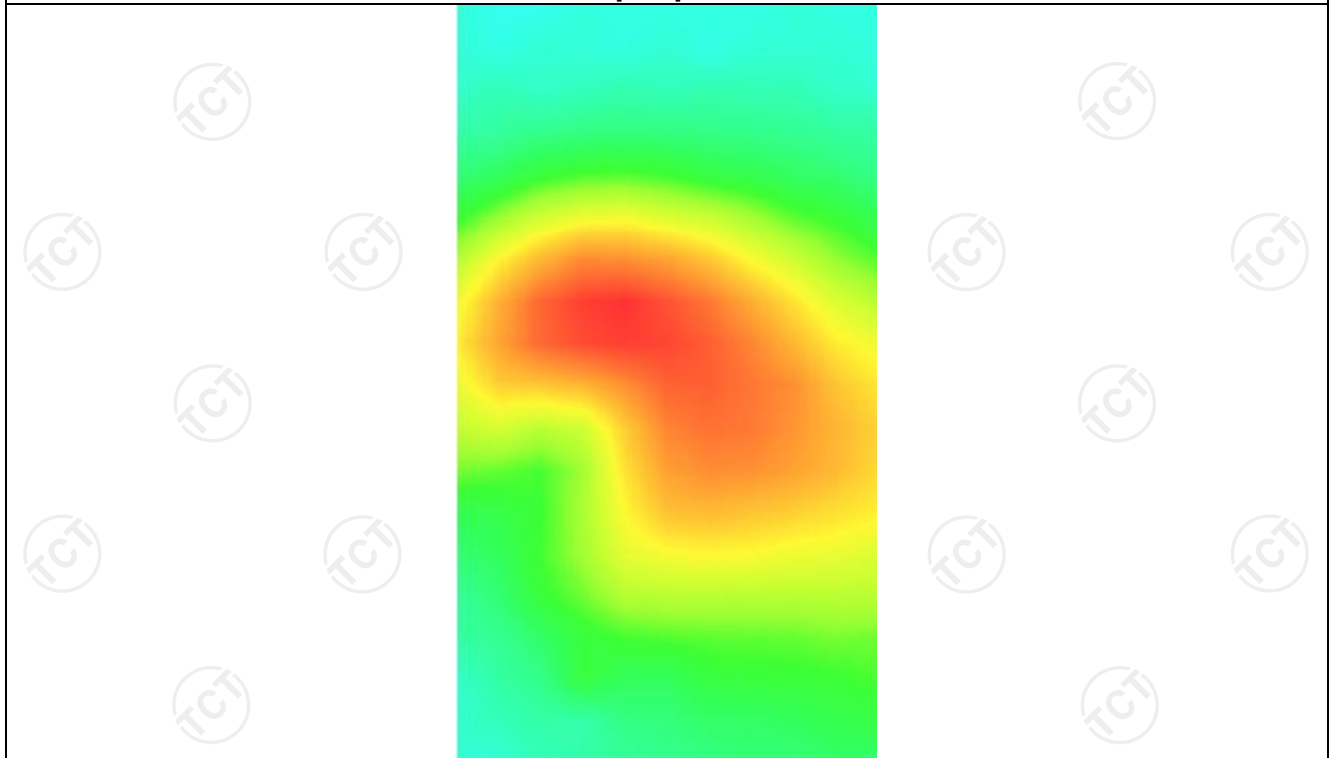
<b>SAR 10g (W/Kg)</b>	0.081776
<b>SAR 1g (W/Kg)</b>	0.103229



<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>0.1680</b>	<b>0.1242</b>	<b>0.0841</b>	<b>0.0583</b>	<b>0.0411</b>



**Hot spot position**



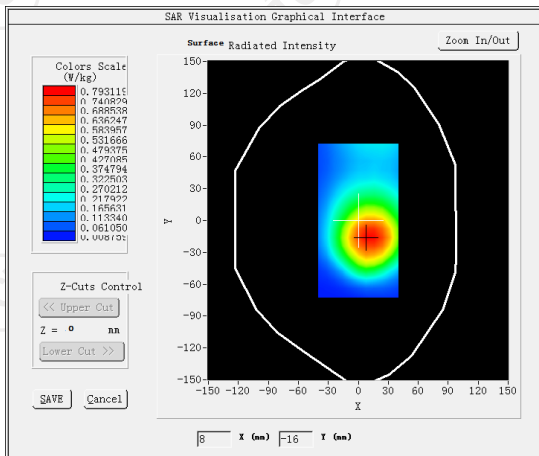
**MEASUREMENT 2**

Middle Band SAR (Channel 4182):

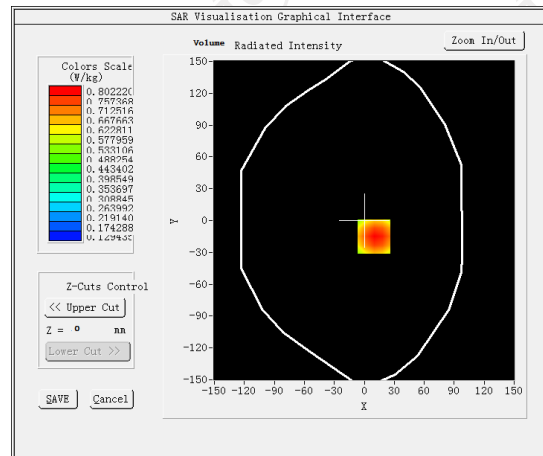
Date: 01/16/2024

Frequency (MHz)	836.400000
Relative permittivity (real part)	41.500000
Relative permittivity (imaginary part)	19.400000
Conductivity (S/m)	0.901453
Variation (%)	0.160000
Crest Factor:	1.0
Probe Conversion factor	1.80
E-Field Probe:	SSE2 (SN 25/22 EPGO375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
Phantom	<u>Validation plane</u>
Device Position	<u>Body back(10mm)</u>
Band	<u>BAND5 WCDMA850</u>

**SURFACE SAR**



**VOLUME SAR**



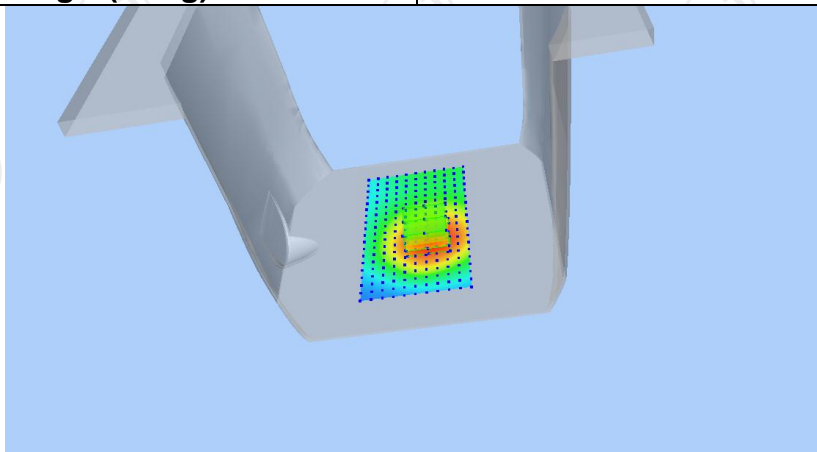
**M Maximum location: X=10.00, Y=-15.00 SAR Peak: 1.02 W/kg**

**SAR 10g (W/Kg)**

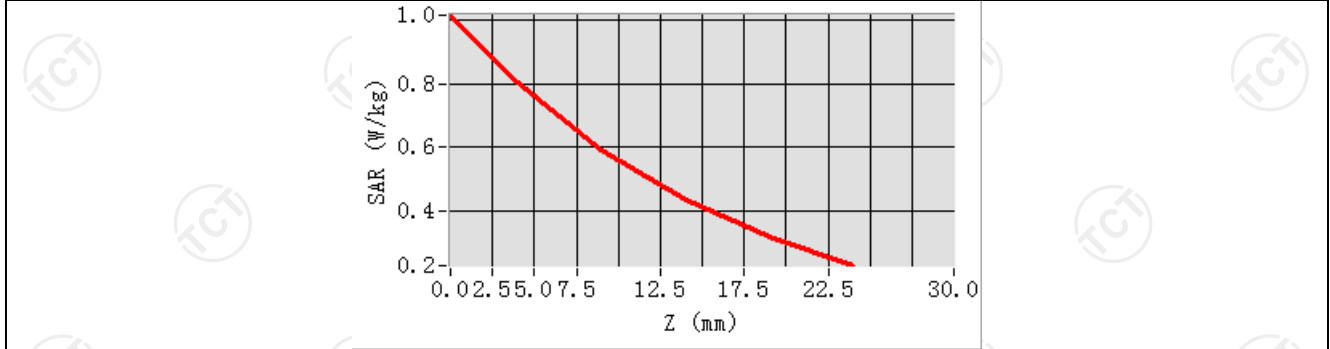
0.441156

**SAR 1g (W/Kg)**

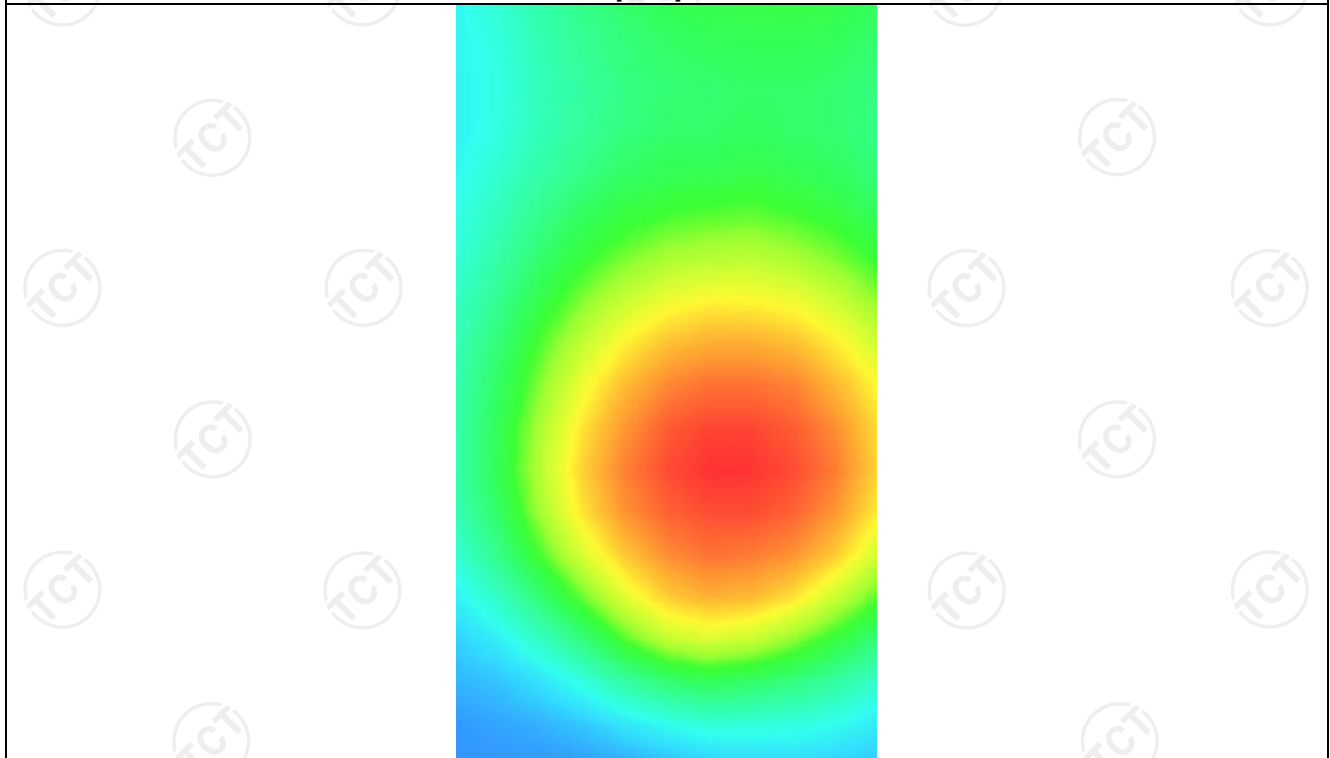
0.540333



<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>1.0161</b>	<b>0.8009</b>	<b>0.5937</b>	<b>0.4367</b>	<b>0.3190</b>



**Hot spot position**



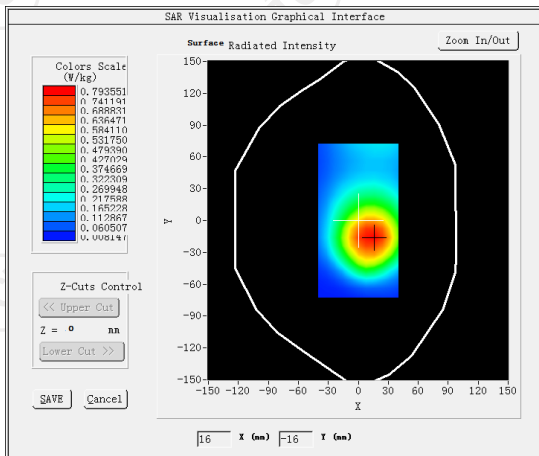
**MEASUREMENT 3**

Middle Band SAR (Channel 4182):

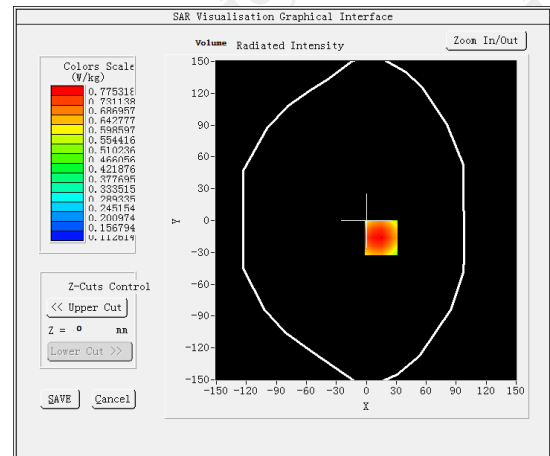
Date: 01/16/2024

<b>Frequency (MHz)</b>	836.400000
<b>Relative permittivity (real part)</b>	41.500000
<b>Relative permittivity (imaginary part)</b>	19.400000
<b>Conductivity (S/m)</b>	0.901453
<b>Variation (%)</b>	1.240000
<b>Crest Factor:</b>	1.0
<b>Probe Conversion factor</b>	1.80
<b>E-Field Probe:</b>	SSE2 (SN 25/22 EPG0375)
<b>Area Scan</b>	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
<b>ZoomScan</b>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body back(10mm)</u>
<b>Band</b>	<u>BAND5 WCDMA850(hotspot)</u>

**SURFACE SAR**



**VOLUME SAR**



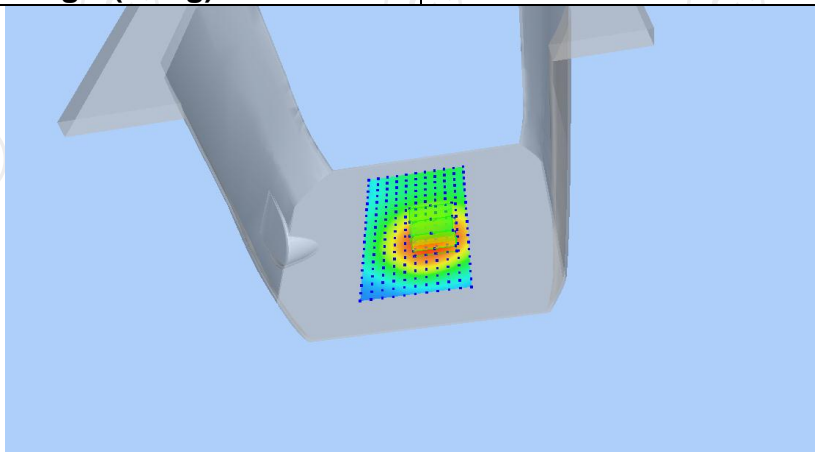
**Maximum location: X=15.00, Y=-16.00 SAR Peak: 0.98 W/kg**

**SAR 10g (W/Kg)**

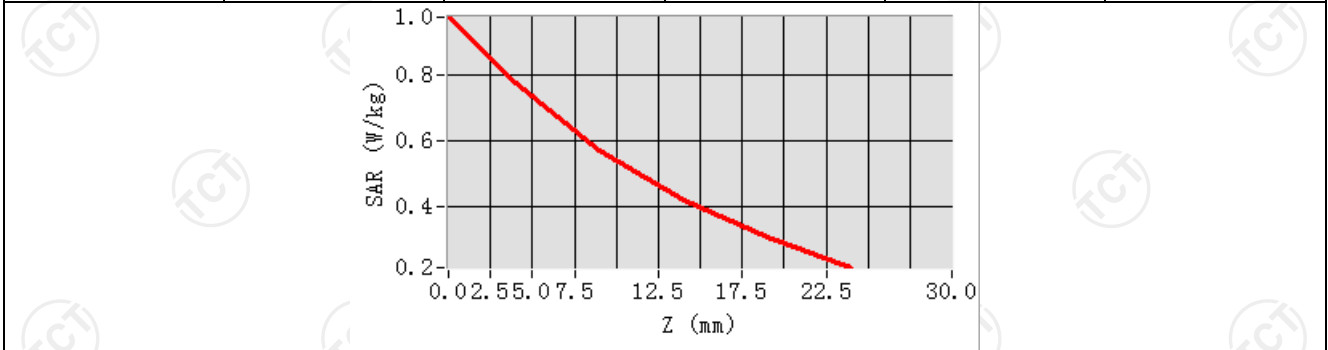
0.230752

**SAR 1g (W/Kg)**

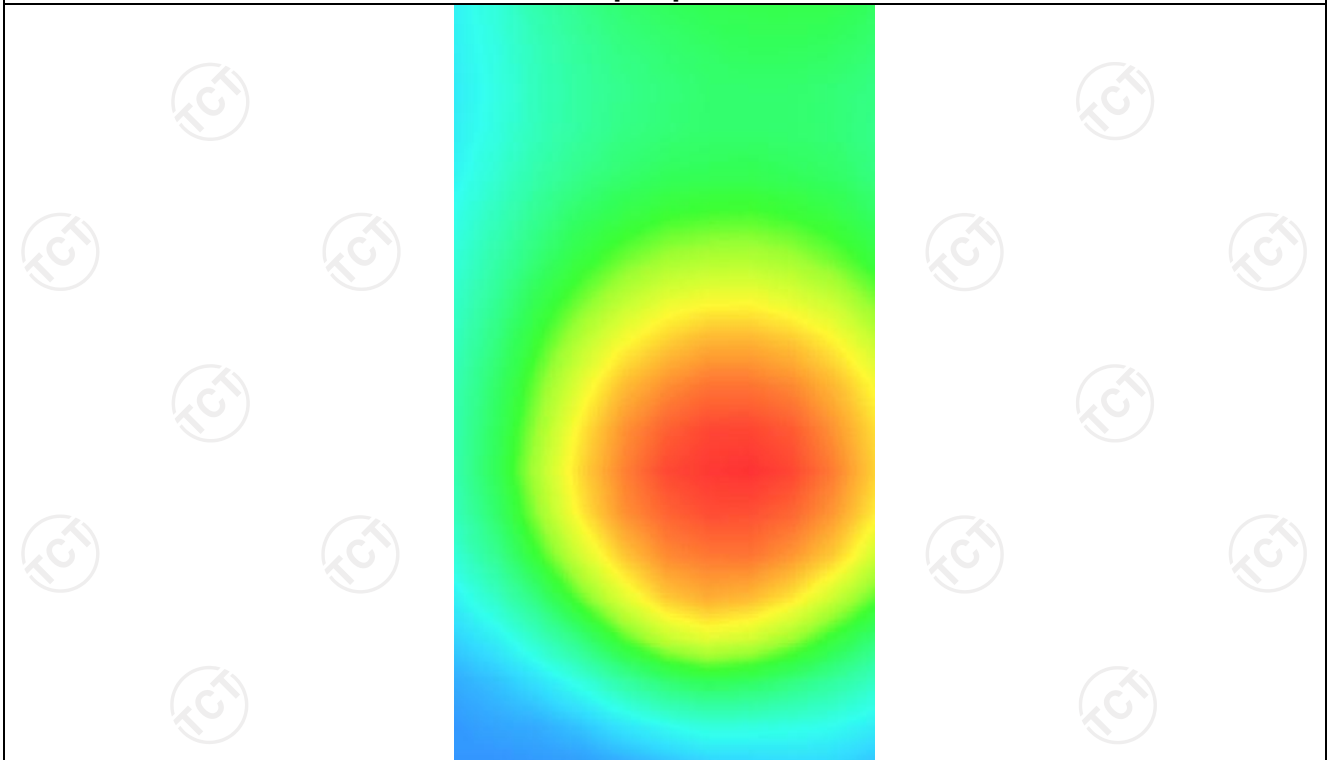
0.447998



<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>0.9779</b>	<b>0.7753</b>	<b>0.5745</b>	<b>0.4221</b>	<b>0.3066</b>



**Hot spot position**



LTE Band 2

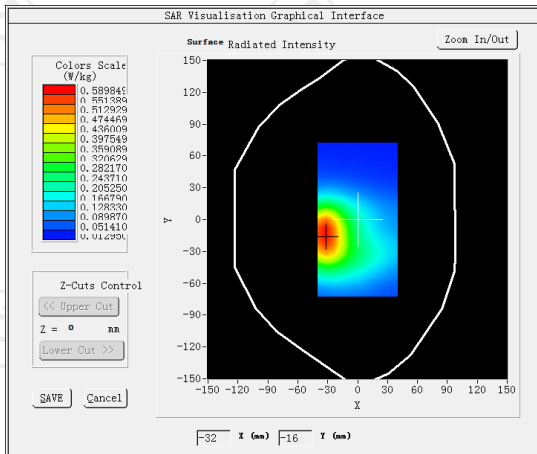
**MEASUREMENT 1**

Middle Band SAR (Channel 18900):

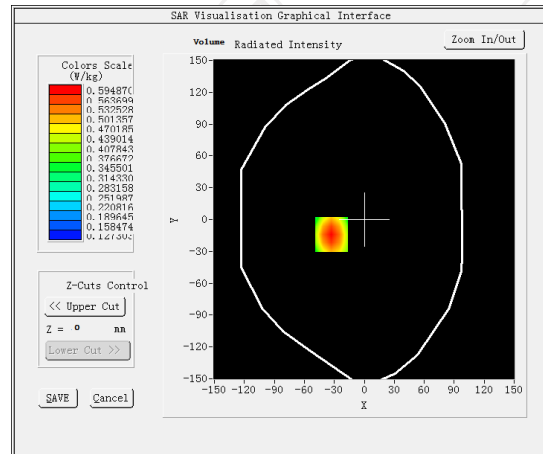
Date: 01/23/2024

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	40.000000
<b>Relative permittivity (imaginary part)</b>	13.411700
<b>Conductivity (S/m)</b>	1.400405
<b>Variation (%)</b>	1.330000
<b>Crest Factor</b>	1.0
<b>Probe Conversion factor</b>	2.23
<b>E-Field Probe:</b>	SSE2 (SN 25/22 EPG0375)
<b>Area Scan</b>	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
<b>ZoomScan</b>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body front(10mm)</u>
<b>Band</b>	<u>LTE band 2 (1 RB#0)</u>

**SURFACE SAR**



**VOLUME SAR**



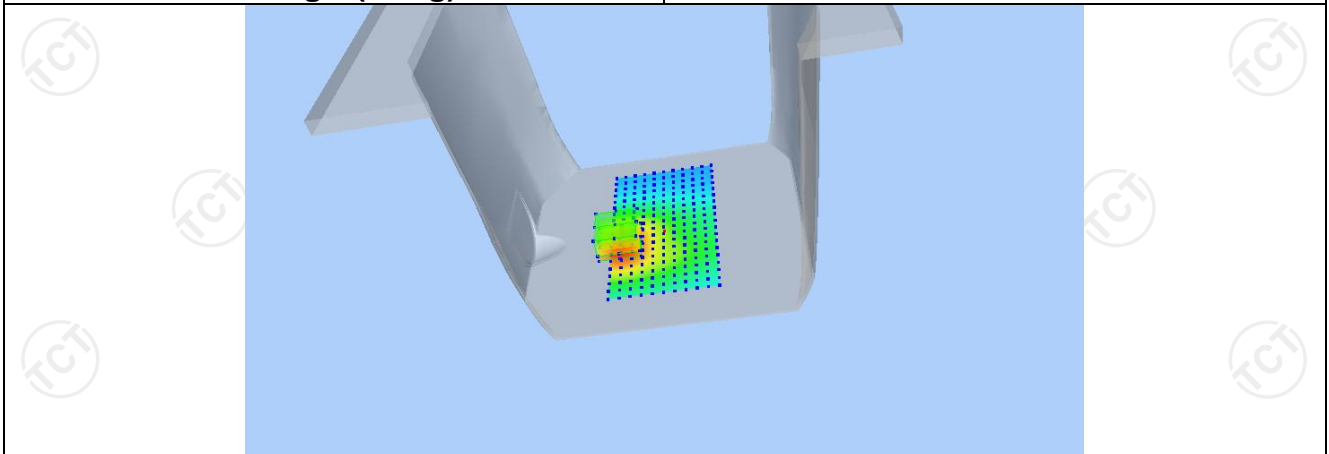
**Maximum location: X=-33.00, Y=-14.00 SAR Peak: 0.55 W/kg**

**SAR 10g (W/Kg)**

0.102711

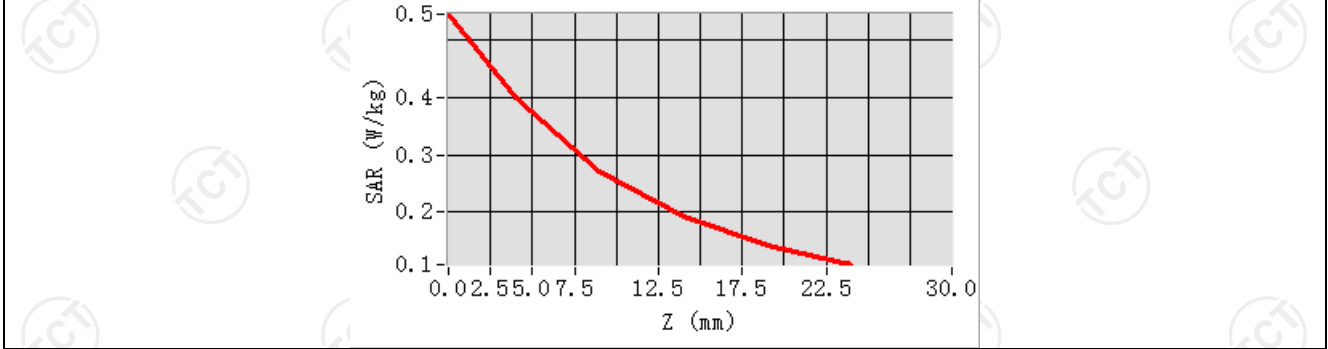
**SAR 1g (W/Kg)**

0.227154

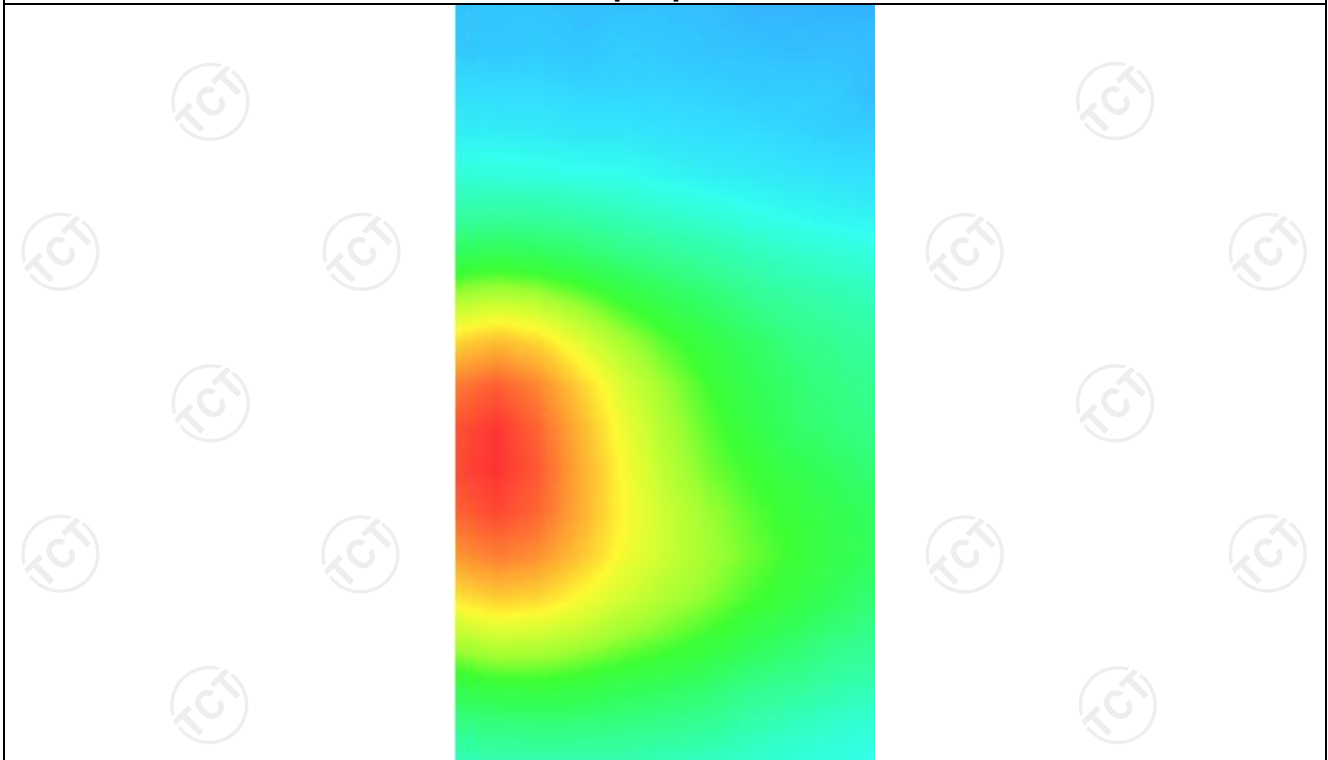




Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.5442	0.3982	0.2718	0.1922	0.1433



**Hot spot position**



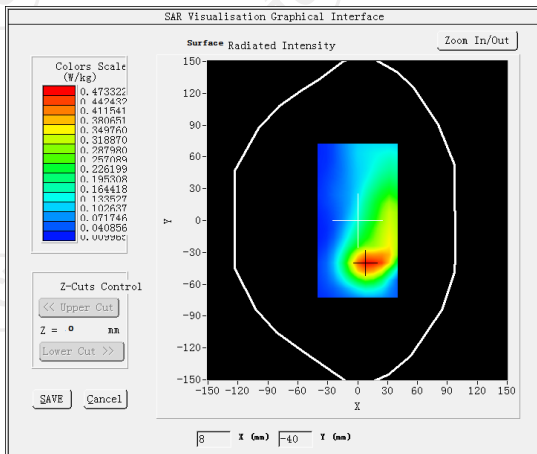
**MEASUREMENT 2**

Middle Band SAR (Channel 18900):

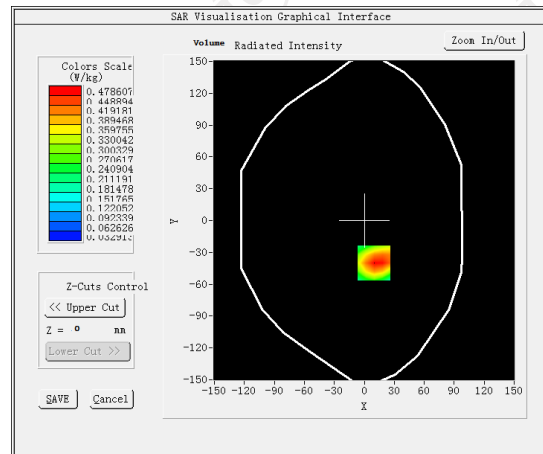
Date: 01/23/2024

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	40.000000
<b>Relative permittivity (imaginary part)</b>	13.411700
<b>Conductivity (S/m)</b>	1.400405
<b>Variation (%)</b>	-3.790000
<b>Crest Factor</b>	1.0
<b>Probe Conversion factor</b>	2.23
<b>E-Field Probe:</b>	SSE2 (SN 25/22 EPGO375)
<b>Area Scan</b>	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
<b>ZoomScan</b>	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body back(10mm)</u>
<b>Band</b>	<u>LTE band 2 (1 RB#0)</u>

**SURFACE SAR**



**VOLUME SAR**



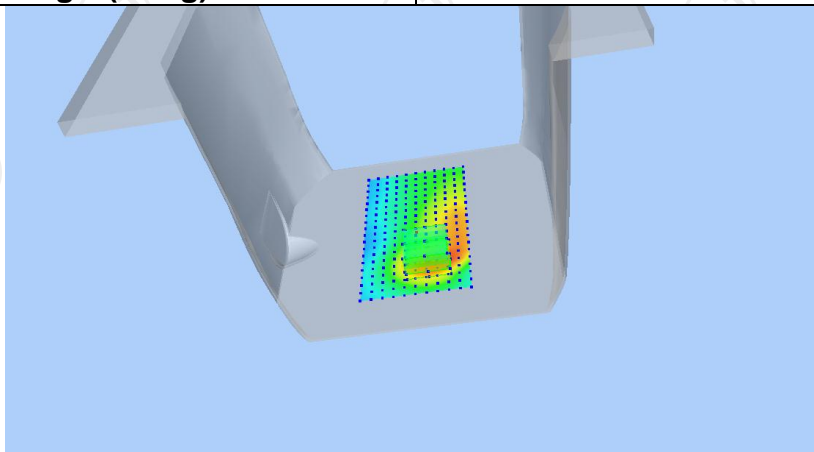
**Maximum location: X=10.00, Y=-40.00 SAR Peak: 0.73 W/kg**

**SAR 10g (W/Kg)**

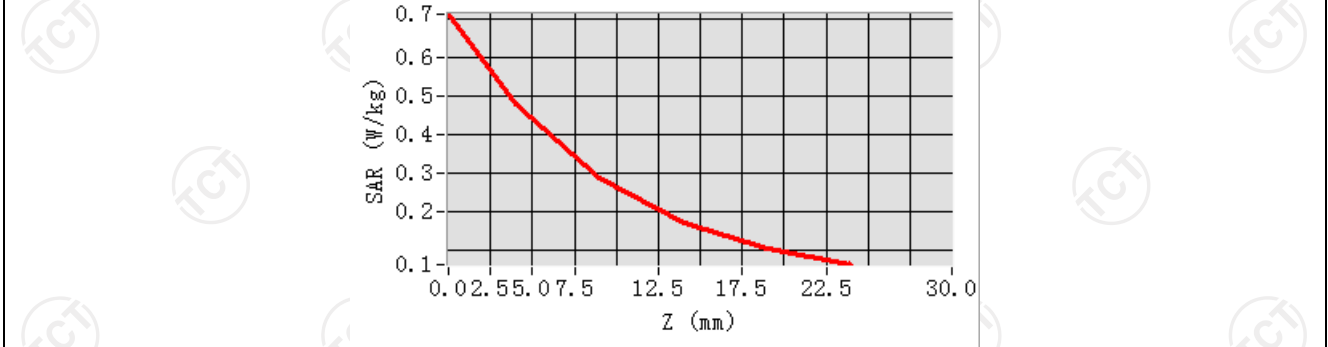
0.253178

**SAR 1g (W/Kg)**

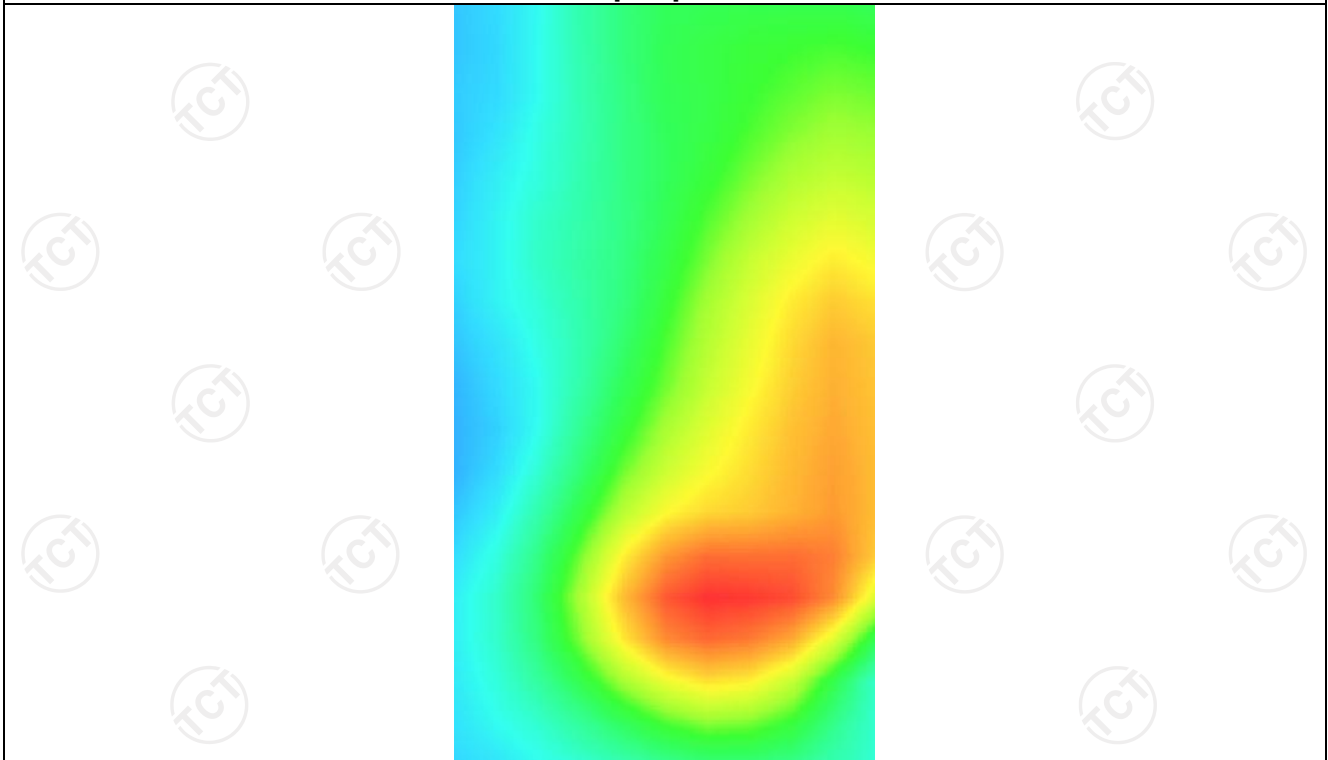
0.413702



<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>0.7108</b>	<b>0.4786</b>	<b>0.2867</b>	<b>0.1722</b>	<b>0.1059</b>



**Hot spot position**



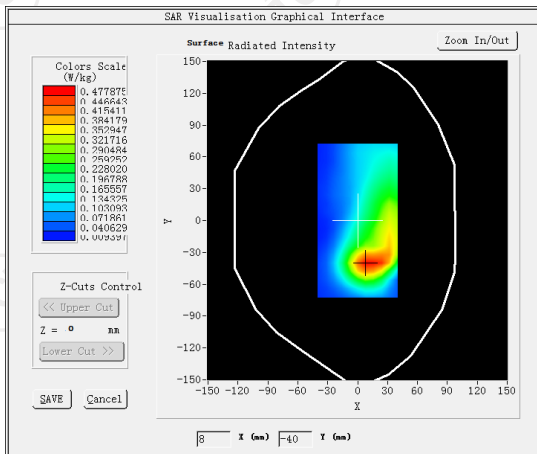
**MEASUREMENT 3**

Middle Band SAR (Channel 18900):

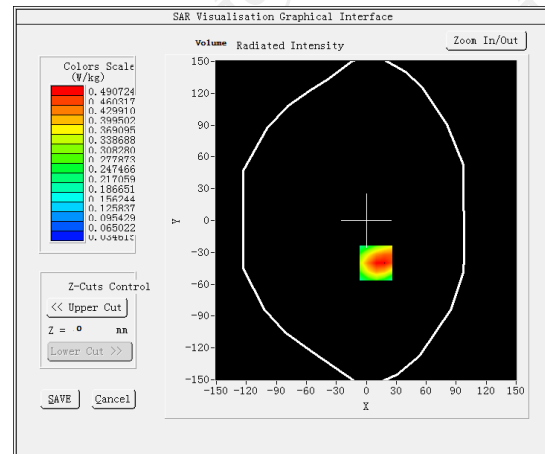
Date: 01/23/2024

<b>Frequency (MHz)</b>	1880.000000
<b>Relative permittivity (real part)</b>	40.000000
<b>Relative permittivity (imaginary part)</b>	13.411700
<b>Conductivity (S/m)</b>	1.400405
<b>Variation (%)</b>	2.160000
<b>Crest Factor</b>	1.0
<b>Probe Conversion factor</b>	2.23
<b>E-Field Probe:</b>	SSE2 (SN 25/22 EPGO375)
<b>Area Scan</b>	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
<b>ZoomScan</b>	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body back(hotspot 10mm)</u>
<b>Band</b>	<u>LTE band 2 (1 RB#0)</u>

**SURFACE SAR**



**VOLUME SAR**



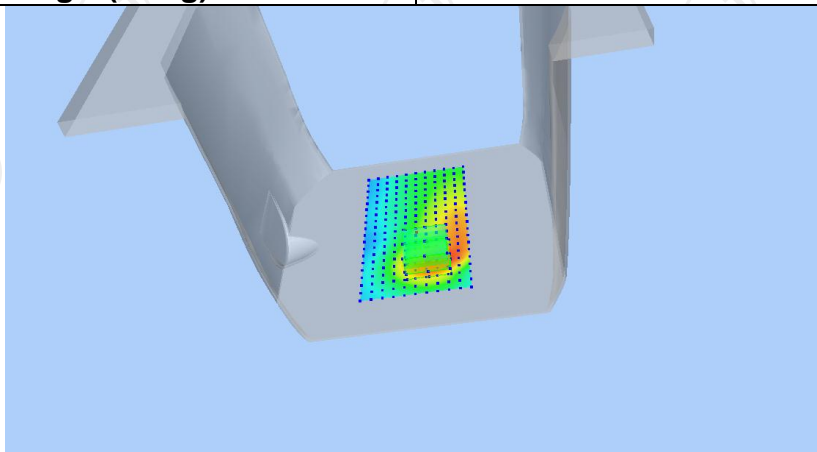
**Maximum location: X=10.00, Y=-40.00 SAR Peak: 0.75 W/kg**

**SAR 10g (W/Kg)**

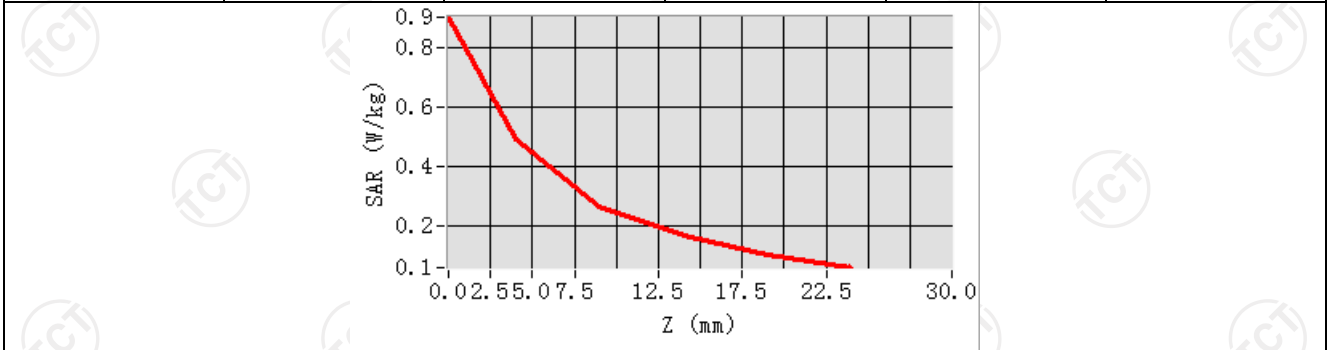
0.278612

**SAR 1g (W/Kg)**

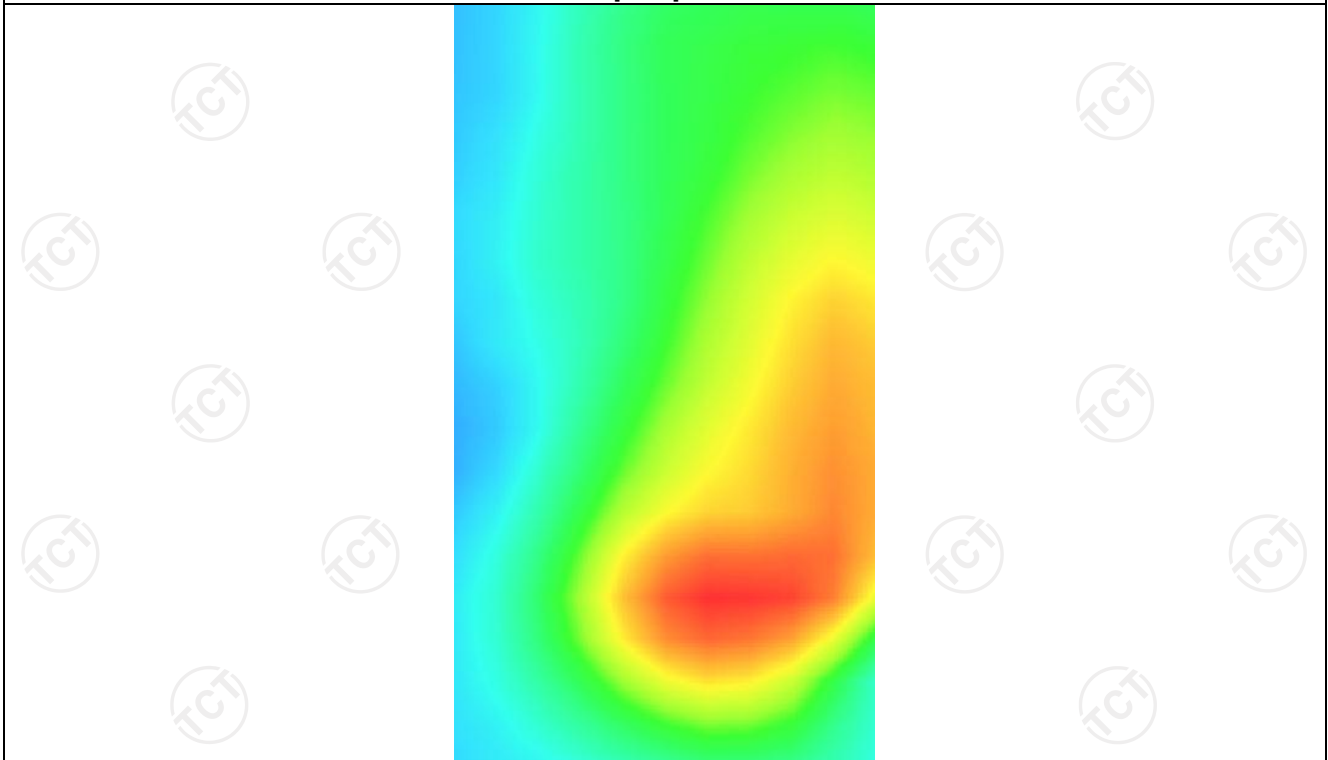
0.413082



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.9034	0.4907	0.2628	0.1679	0.1014



**Hot spot position**



LTE Band 4

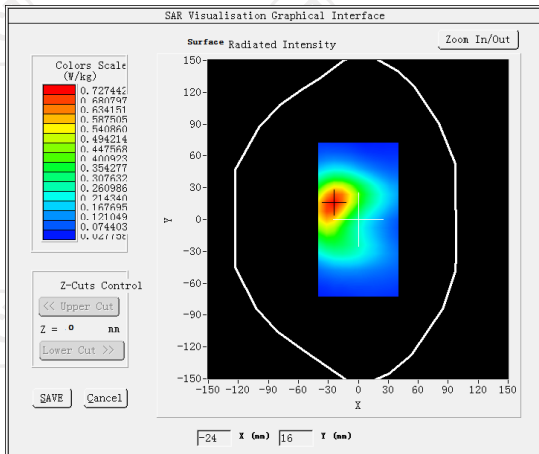
**MEASUREMENT 1**

Middle Band SAR (Channel 20175):

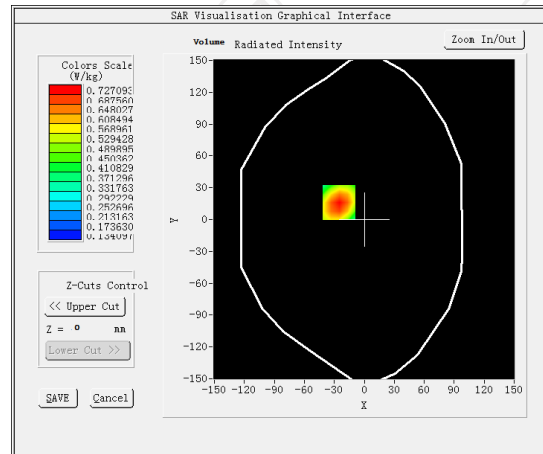
Date: 01/19/2024

Frequency (MHz)	1732.500000
Relative permittivity (real part)	40.115910
Relative permittivity (imaginary part)	14.136136
Conductivity (S/m)	1.360603
Variation (%)	-0.890000
Crest Factor	1.0
Probe Conversion factor	2.08
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
Phantom	<u>Validation plane</u>
Device Position	<u>Body front(10mm)</u>
Band	<u>LTE band 4(1 RB#0)</u>

**SURFACE SAR**

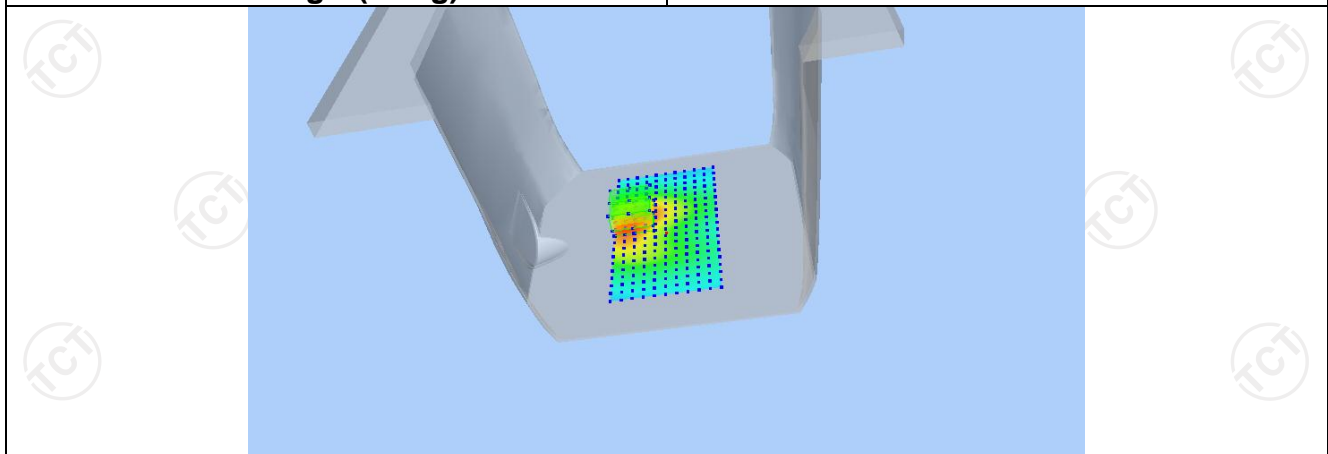


**VOLUME SAR**

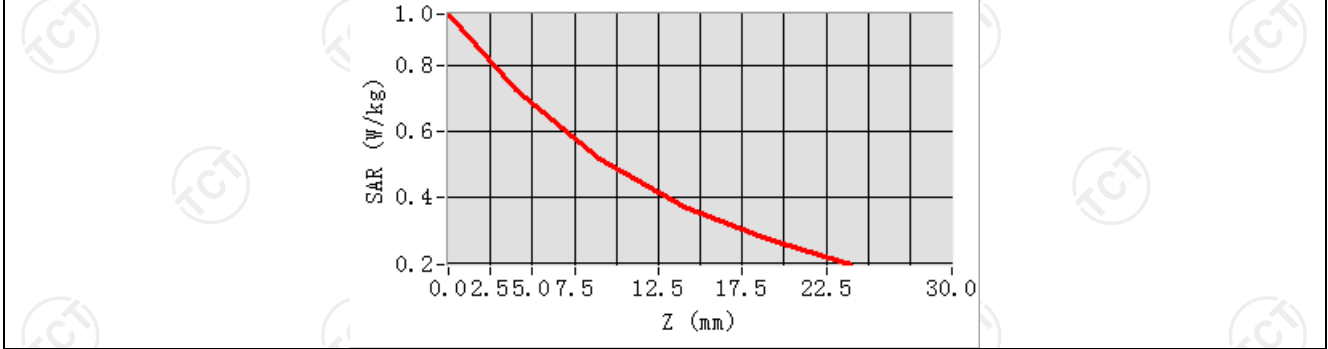


**Maximum location: X=-25.00, Y=16.00 SAR Peak: 0.95 W/kg**

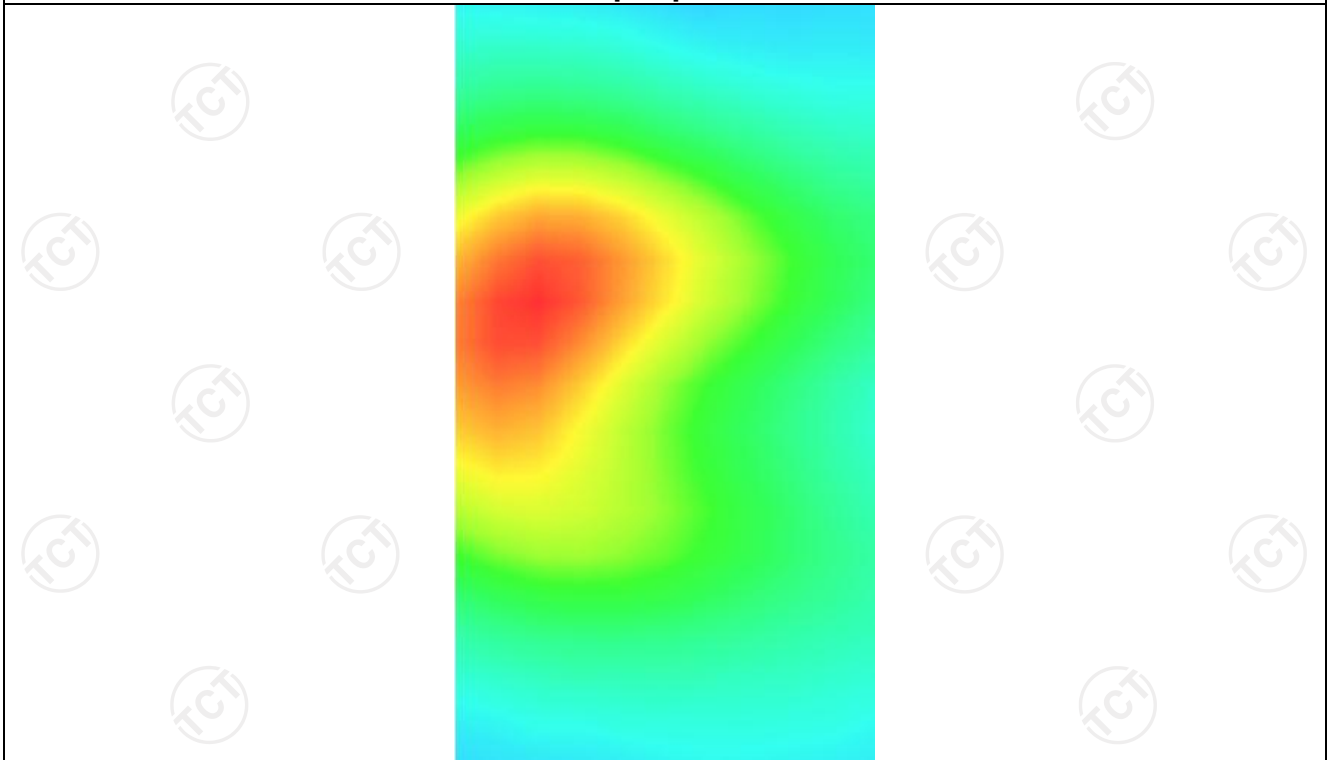
SAR 10g (W/Kg)	0.358072
SAR 1g (W/Kg)	0.512371



<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>0.9534</b>	<b>0.7271</b>	<b>0.5176</b>	<b>0.3724</b>	<b>0.2720</b>



**Hot spot position**



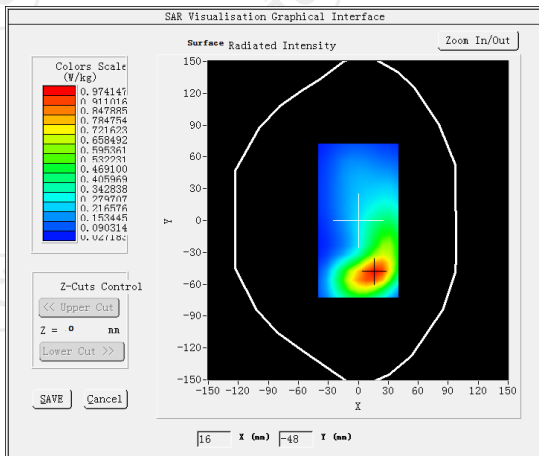
**MEASUREMENT 2**

Middle Band SAR (Channel 20175):

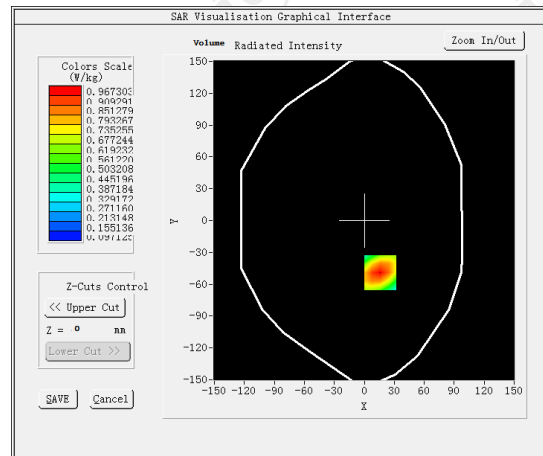
Date: 01/19/2024

Frequency (MHz)	1732.500000
Relative permittivity (real part)	40.115910
Relative permittivity (imaginary part)	14.136136
Conductivity (S/m)	1.360603
Variation (%)	4.590000
Crest Factor	1.0
Probe Conversion factor	2.08
E-Field Probe:	SSE2 (SN 25/22 EPGO375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
Phantom	<u>Validation plane</u>
Device Position	<u>Body back(10mm)</u>
Band	<u>LTE band 4(1 RB#0)</u>

**SURFACE SAR**



**VOLUME SAR**



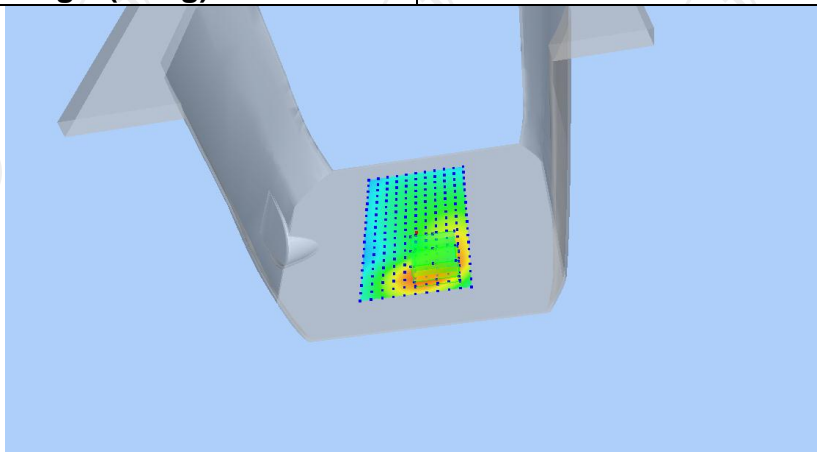
**Maximum location: X=16.00, Y=-49.00 SAR Peak: 1.35 W/kg**

**SAR 10g (W/Kg)**

0.439167

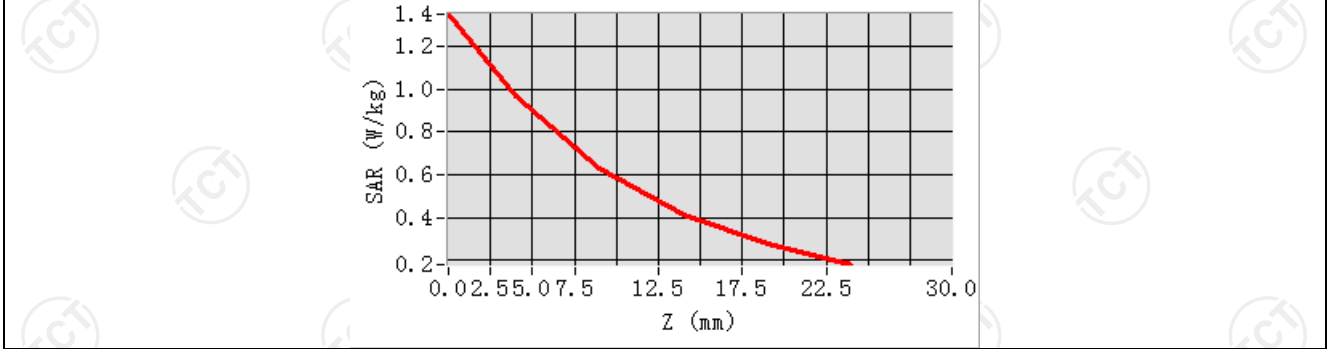
**SAR 1g (W/Kg)**

0.734619

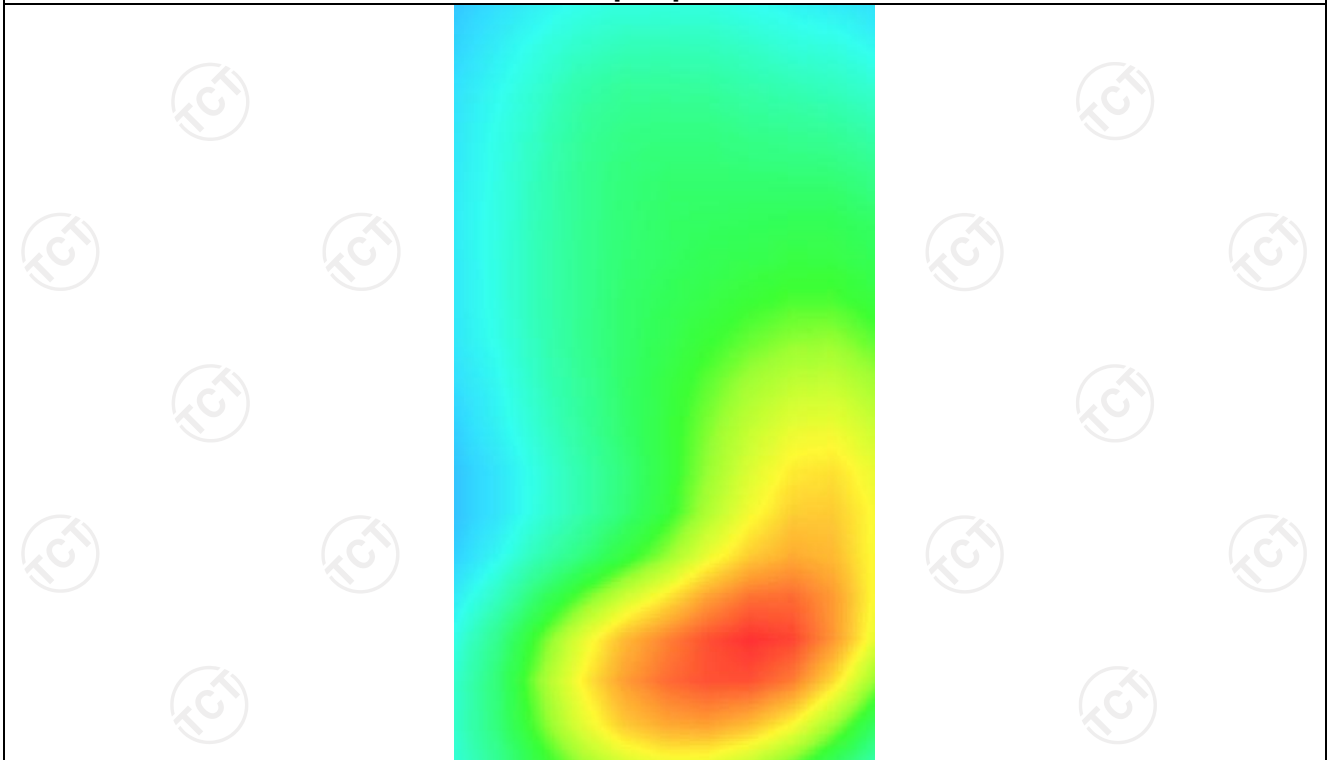




<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>1.3527</b>	<b>0.9673</b>	<b>0.6302</b>	<b>0.4132</b>	<b>0.2754</b>



**Hot spot position**



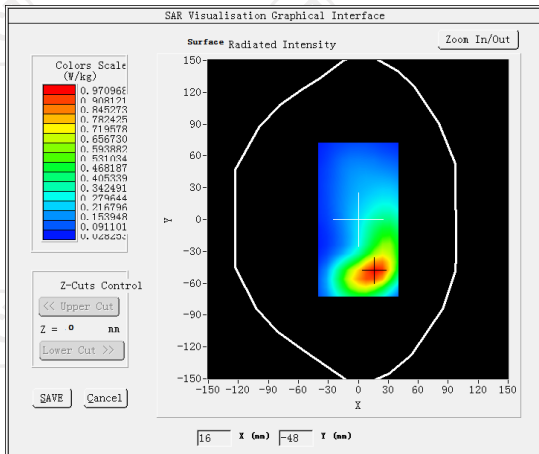
**MEASUREMENT 3**

Middle Band SAR (Channel 20175):

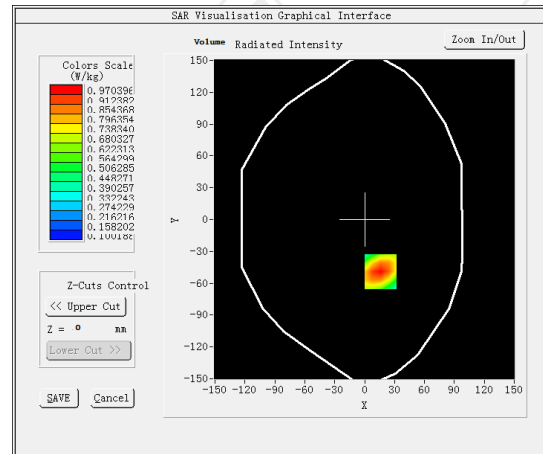
Date: 01/19/2024

Frequency (MHz)	1732.500000
Relative permittivity (real part)	40.115910
Relative permittivity (imaginary part)	14.136136
Conductivity (S/m)	1.360603
Variation (%)	1.350000
Crest Factor	1.0
Probe Conversion factor	2.08
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
Phantom	<u>Validation plane</u>
Device Position	<u>Body back(hotspot 10mm)</u>
Band	<u>LTE band 4(1 RB#0)</u>

**SURFACE SAR**

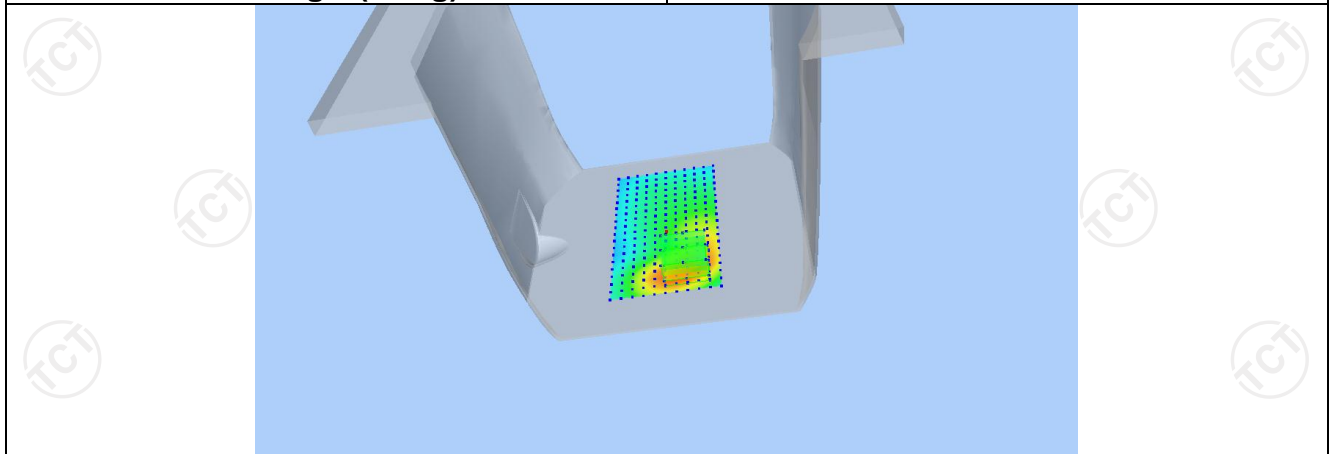


**VOLUME SAR**

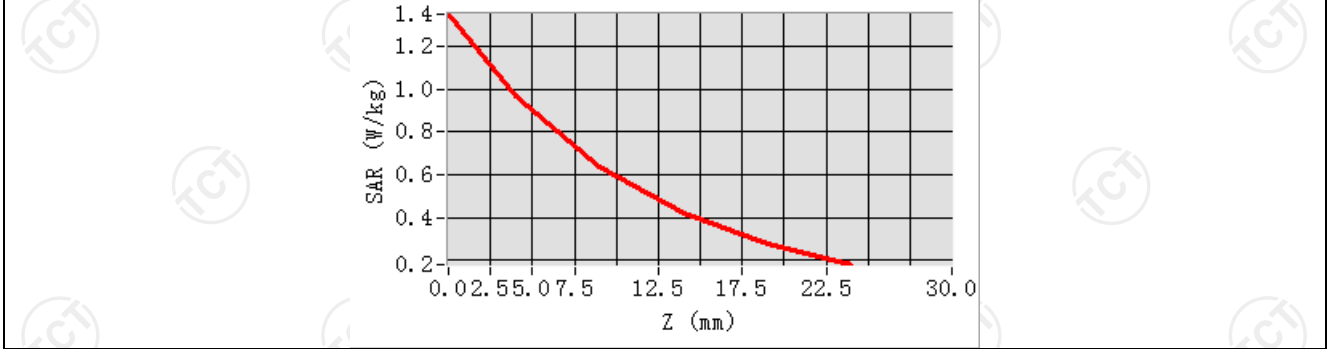


**Maximum location: X=16.00, Y=-49.00 SAR Peak: 1.35 W/kg**

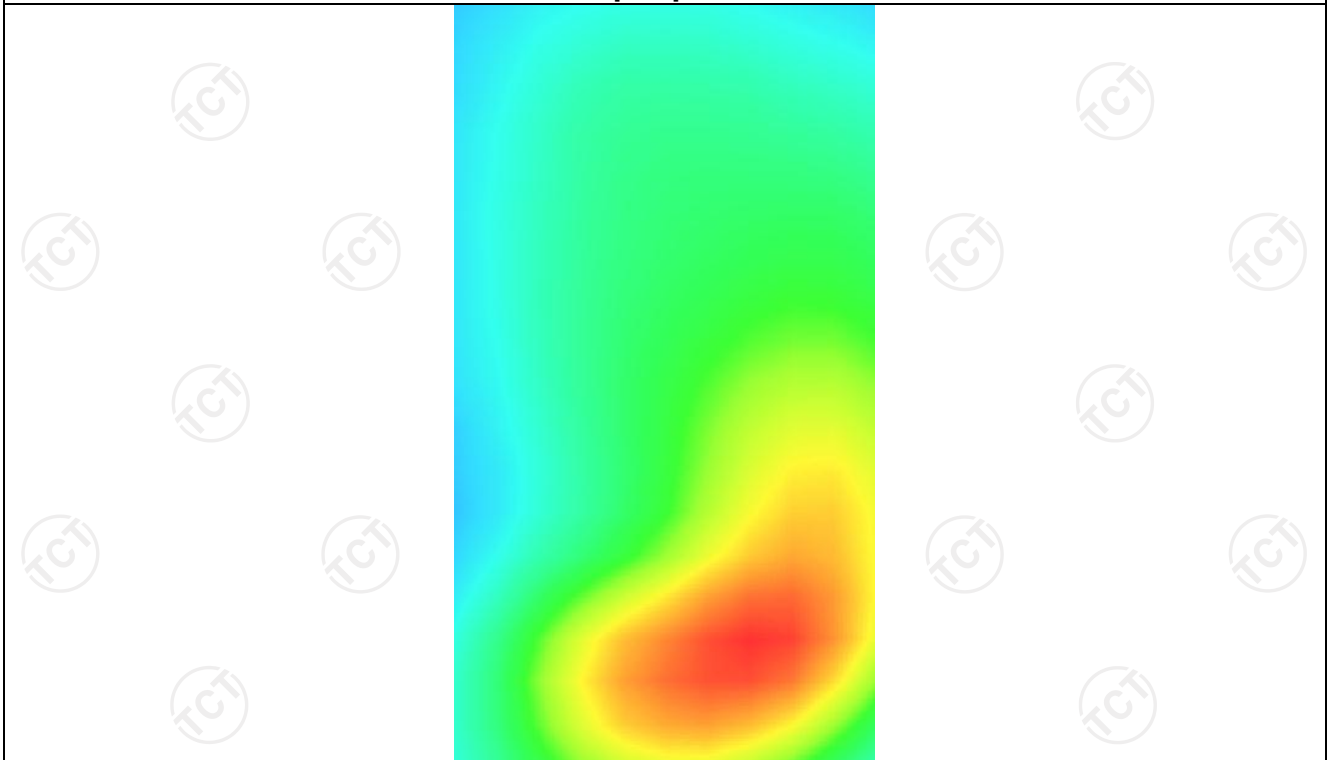
SAR 10g (W/Kg)	0.486473
SAR 1g (W/Kg)	0.709796



<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>1.3506</b>	<b>0.9704</b>	<b>0.6358</b>	<b>0.4183</b>	<b>0.2789</b>



**Hot spot position**



LTE Band 5

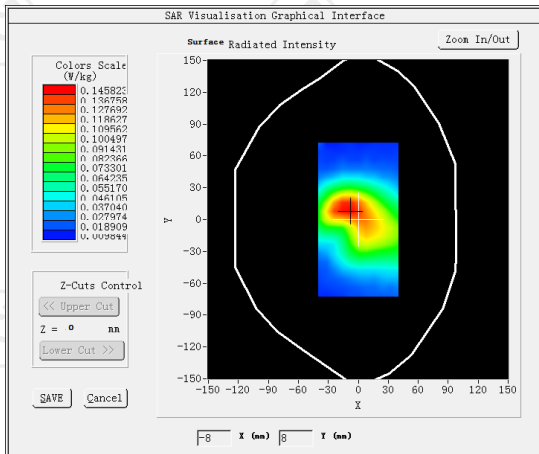
**MEASUREMENT 1**

High Band SAR (Channel 20600):

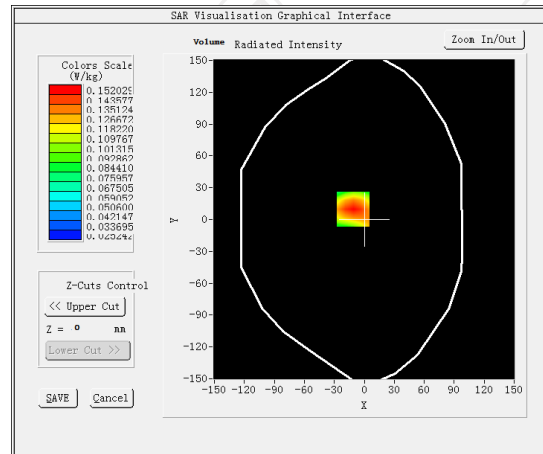
Date: 01/16/2024

<b>Frequency (MHz)</b>	844.000000
<b>Relative permittivity (real part)</b>	41.500000
<b>Relative permittivity (imaginary part)</b>	19.400000
<b>Conductivity (S/m)</b>	0.901561
<b>Variation (%)</b>	-1.630000
<b>Crest Factor</b>	1.0
<b>Probe Conversion factor</b>	1.80
<b>E-Field Probe:</b>	SSE2 (SN 25/22 EPG0375)
<b>Area Scan</b>	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
<b>ZoomScan</b>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body front(10mm)</u>
<b>Band</b>	<u>LTE band 5(1 RB#0)</u>

**SURFACE SAR**



**VOLUME SAR**



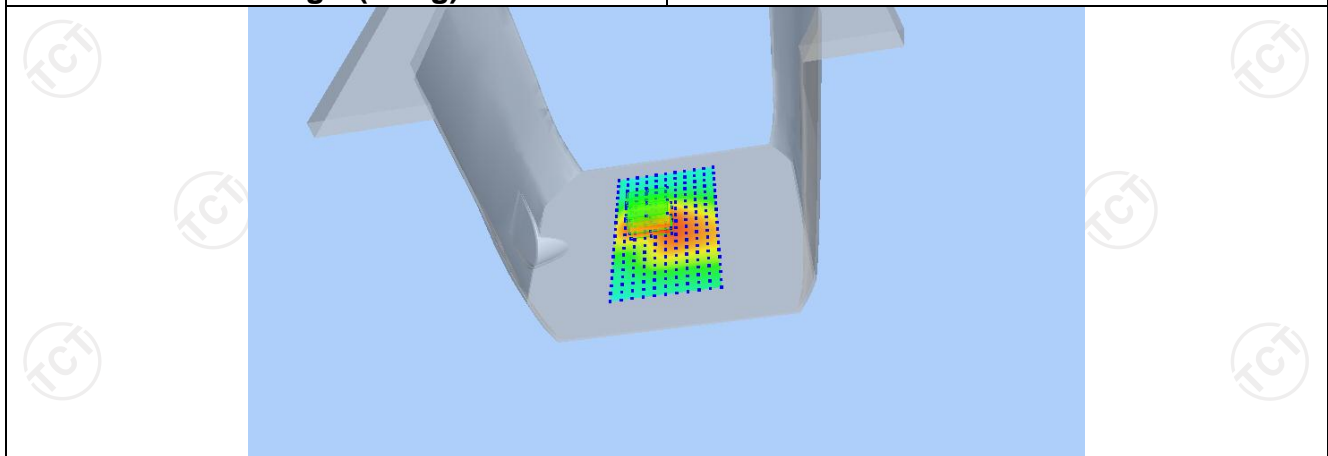
**Maximum location: X=-11.00, Y=10.00 SAR Peak: 0.21 W/kg**

**SAR 10g (W/Kg)**

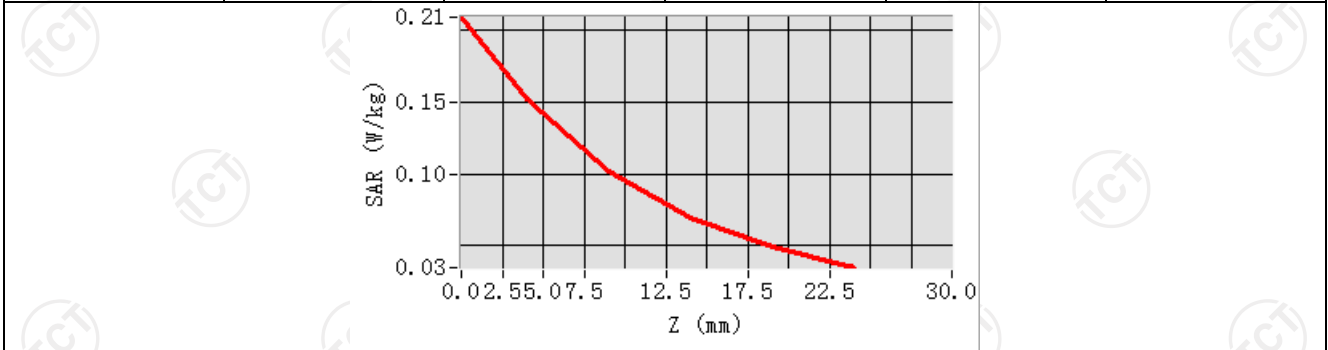
0.105634

**SAR 1g (W/Kg)**

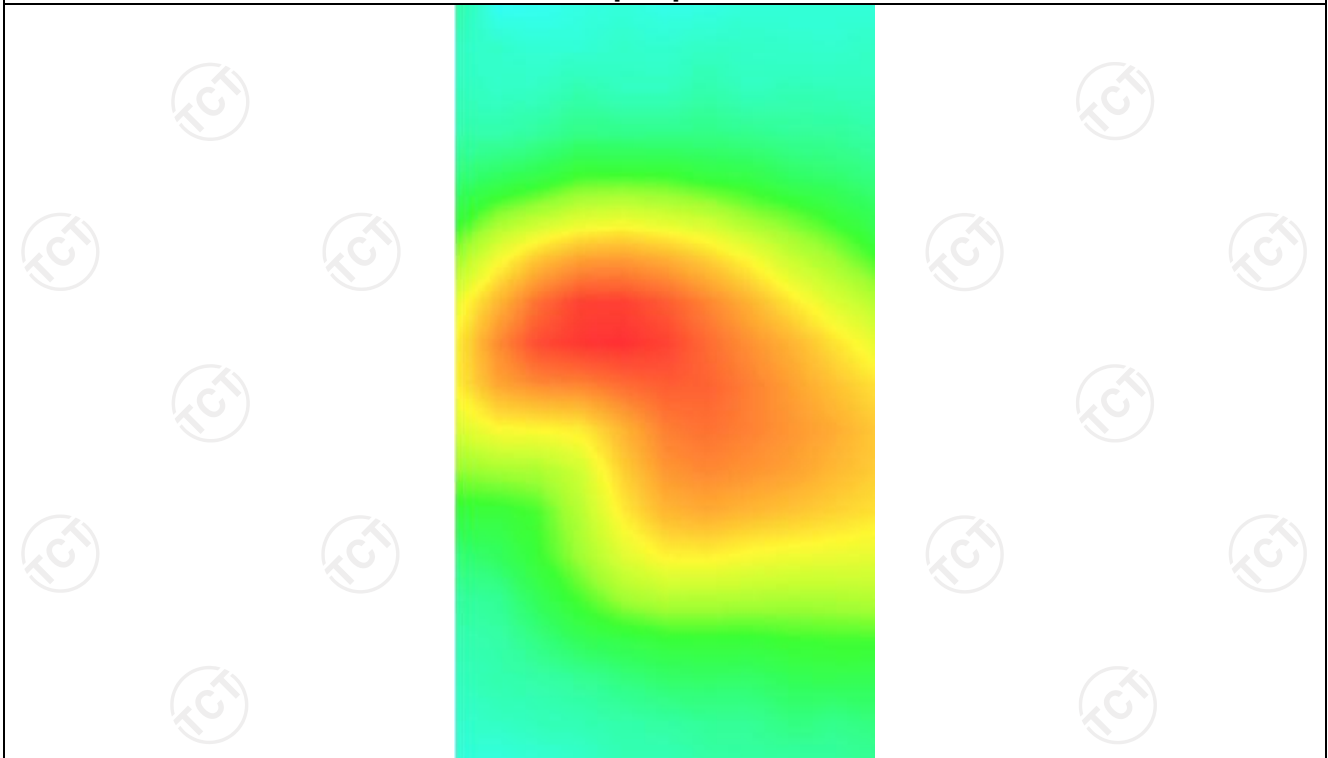
0.135491



<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>0.2106</b>	<b>0.1520</b>	<b>0.1020</b>	<b>0.0713</b>	<b>0.0506</b>



**Hot spot position**



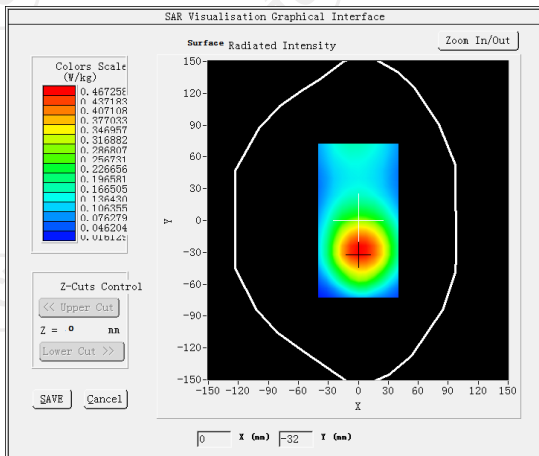
**MEASUREMENT 2**

High Band SAR (Channel 20600):

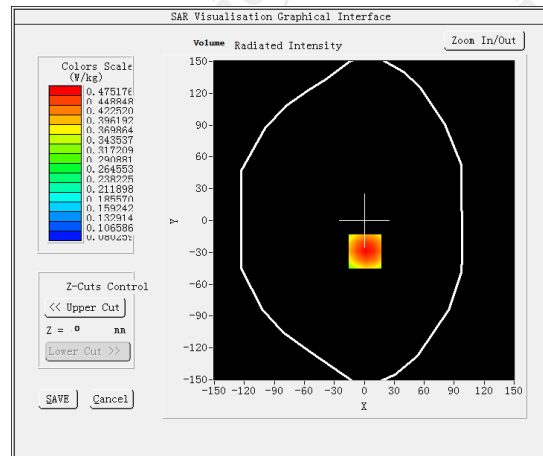
Date: 01/16/2024

<b>Frequency (MHz)</b>	844.000000
<b>Relative permittivity (real part)</b>	41.500000
<b>Relative permittivity (imaginary part)</b>	19.400000
<b>Conductivity (S/m)</b>	0.901561
<b>Variation (%)</b>	2.400000
<b>Crest Factor</b>	1.0
<b>Probe Conversion factor</b>	1.80
<b>E-Field Probe:</b>	SSE2 (SN 25/22 EPGO375)
<b>Area Scan</b>	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
<b>ZoomScan</b>	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body back(10mm)</u>
<b>Band</b>	<u>LTE band 5(1 RB#0)</u>

**SURFACE SAR**



**VOLUME SAR**



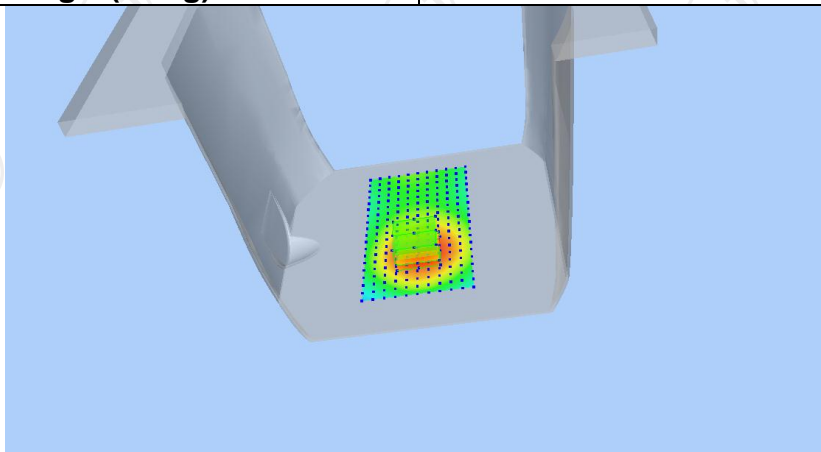
**Maximum location: X=1.00, Y=-29.00 SAR Peak: 0.61 W/kg**

**SAR 10g (W/Kg)**

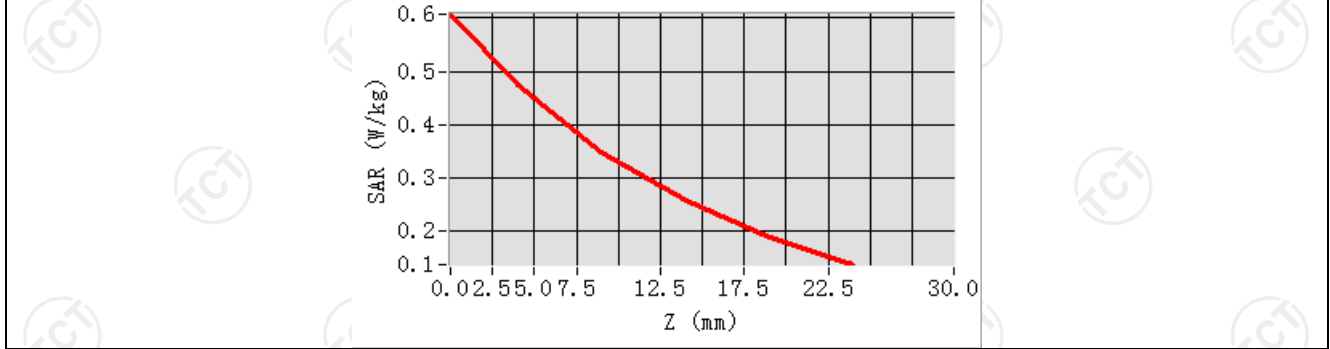
0.186137

**SAR 1g (W/Kg)**

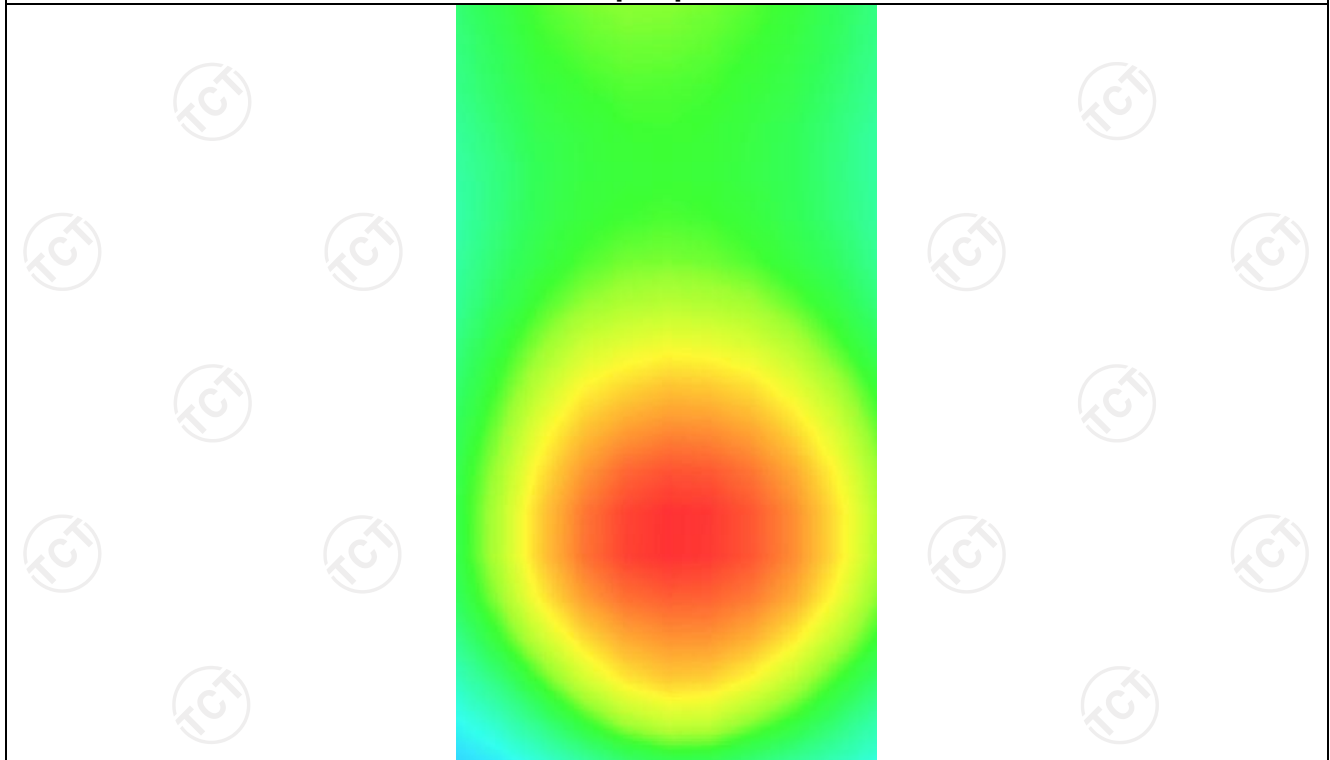
0.315303



<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>0.6082</b>	<b>0.4763</b>	<b>0.3507</b>	<b>0.2610</b>	<b>0.1916</b>



**Hot spot position**



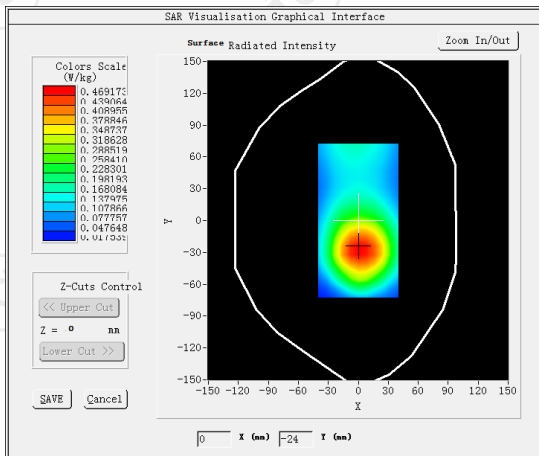
**MEASUREMENT 3**

High Band SAR (Channel 20600):

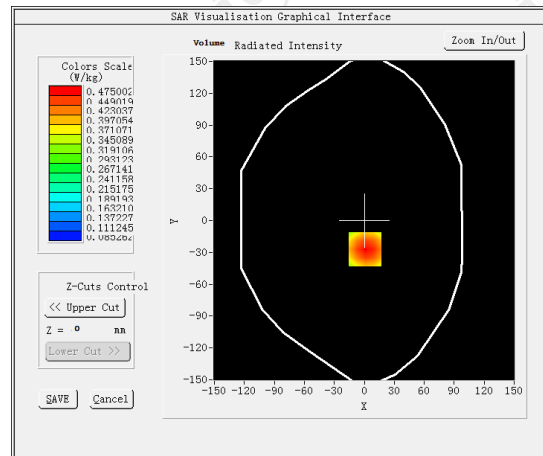
Date: 01/16/2024

Frequency (MHz)	844.000000
Relative permittivity (real part)	41.500000
Relative permittivity (imaginary part)	19.400000
Conductivity (S/m)	0.901561
Variation (%)	0.120000
Crest Factor	1.0
Probe Conversion factor	1.80
E-Field Probe:	SSE2 (SN 25/22 EPGO375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
Phantom	<u>Validation plane</u>
Device Position	<u>Body back((hotspot 10mm)</u>
Band	<u>LTE band 5(1 RB#0)</u>

**SURFACE SAR**



**VOLUME SAR**



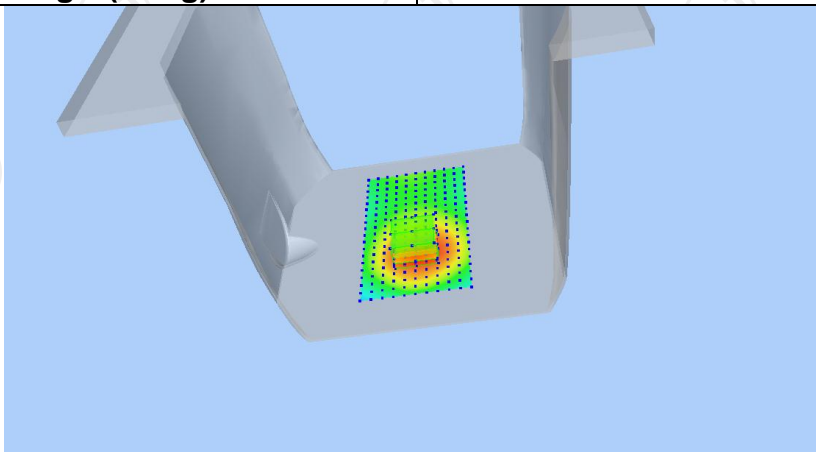
Maximum location: X=1.00, Y=-27.00 SAR Peak: 0.60 W/kg

SAR 10g (W/Kg)

0.121940

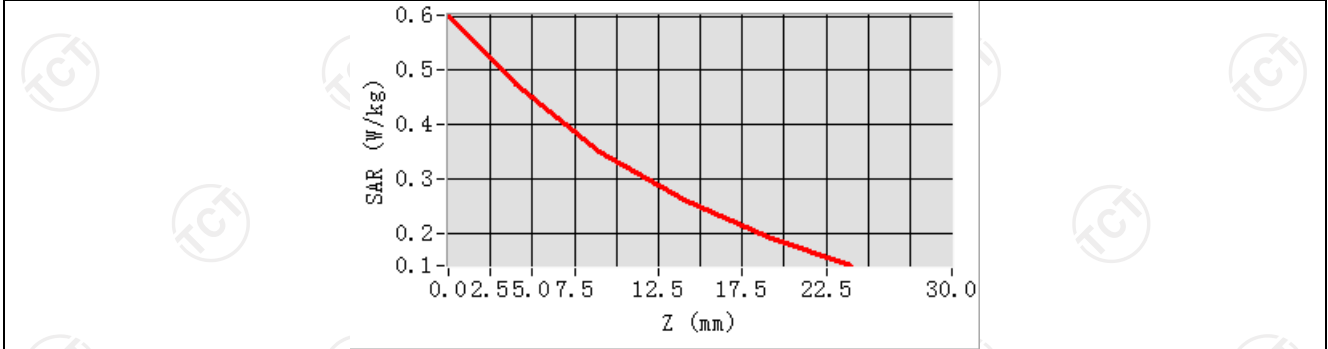
SAR 1g (W/Kg)

0.306042

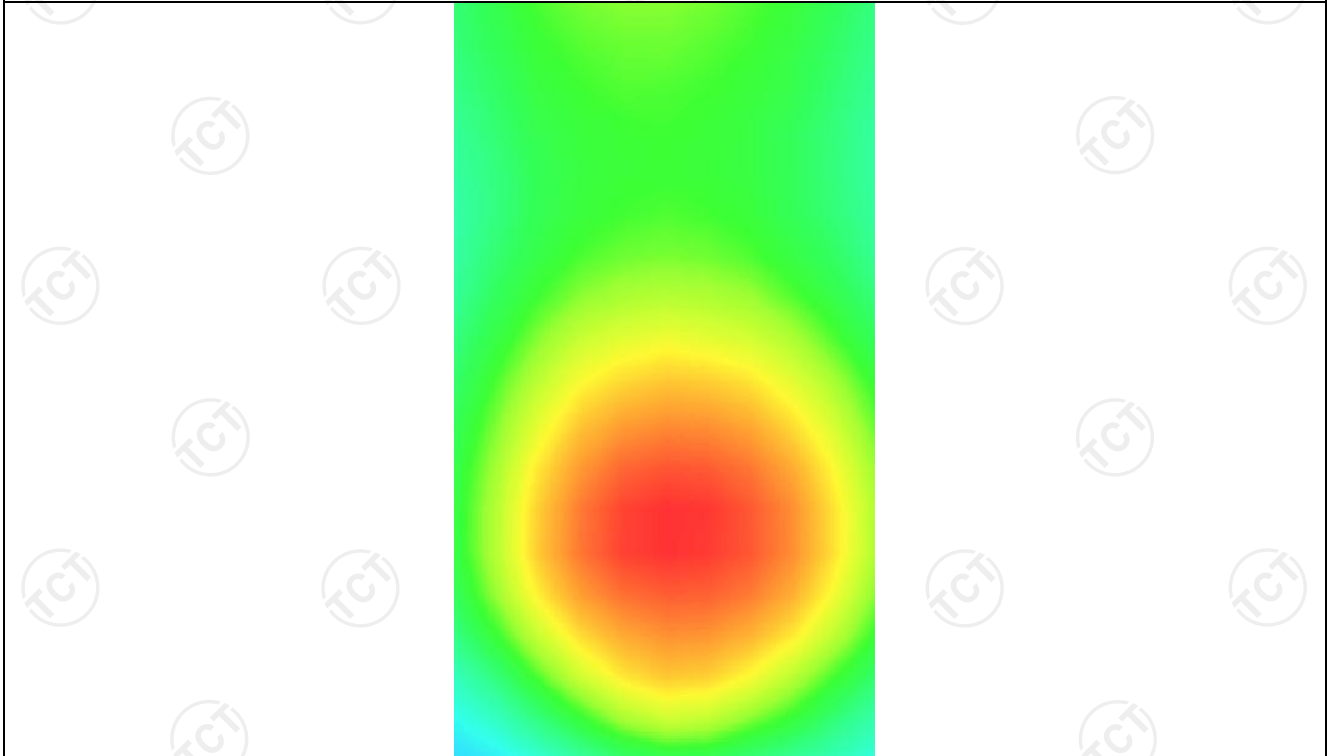




Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.6016	0.4817	0.3617	0.2721	0.1935



**Hot spot position**



LTE Band 7

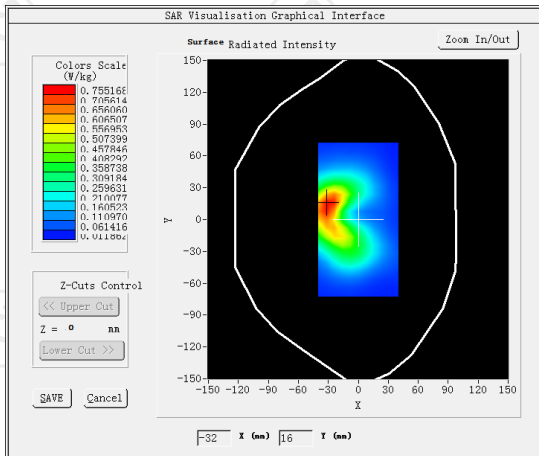
**MEASUREMENT 1**

Middle Band SAR (Channel 21100):

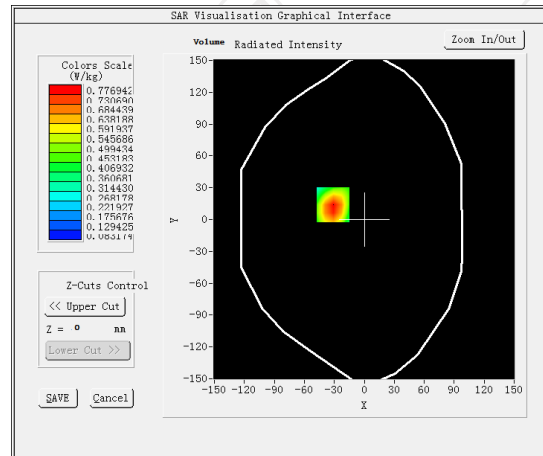
Date: 01/26/2024

<b>Frequency (MHz)</b>	2535.000000
<b>Relative permittivity (real part)</b>	37.432823
<b>Relative permittivity (imaginary part)</b>	13.671675
<b>Conductivity (S/m)</b>	1.925428
<b>Variation (%)</b>	0.350000
<b>Crest Factor</b>	1.0
<b>Probe Conversion factor</b>	4.36
<b>E-Field Probe:</b>	SSE2 (SN 25/22 EPG0375)
<b>Area Scan</b>	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
<b>ZoomScan</b>	<u>5x5x7,dx=5mm dy=5mm</u> <u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body front(10mm)</u>
<b>Band</b>	<u>LTE band 7(1 RB#0)</u>

**SURFACE SAR**



**VOLUME SAR**



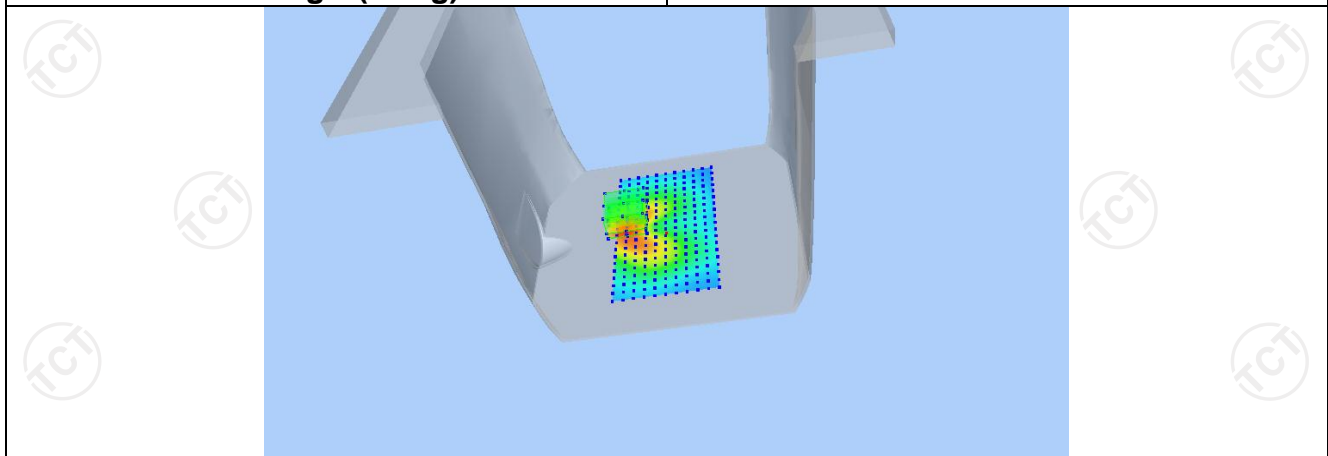
**Maximum location: X=-31.00, Y=14.00 SAR Peak: 0.33 W/kg**

**SAR 10g (W/Kg)**

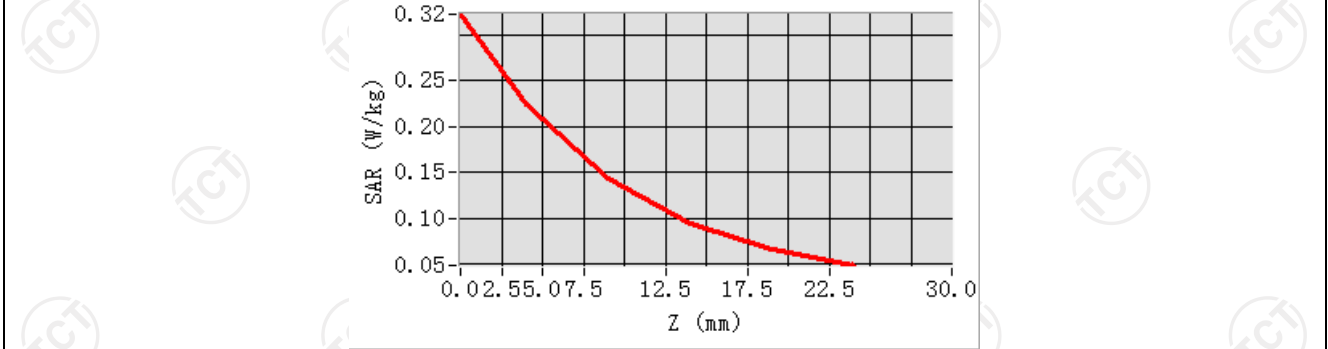
0.106752

**SAR 1g (W/Kg)**

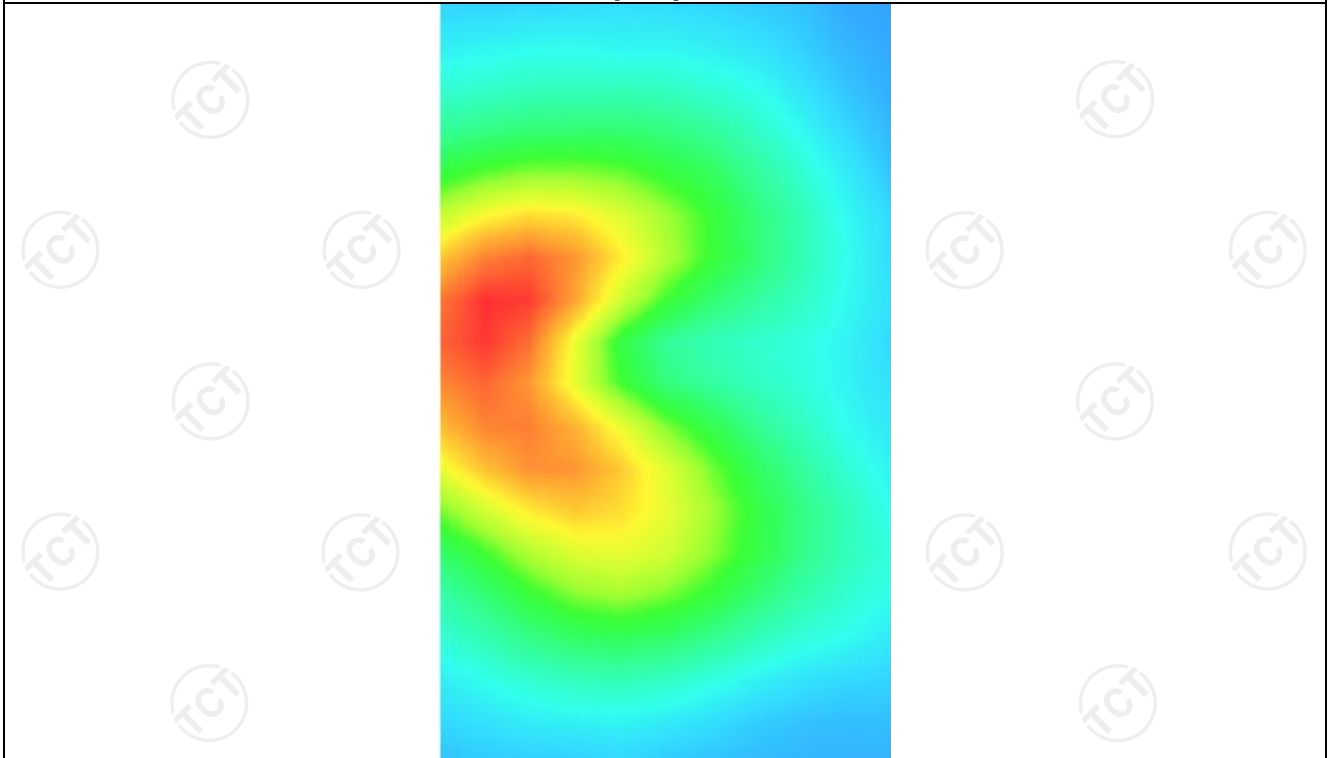
0.206135



<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>0.3227</b>	<b>0.2243</b>	<b>0.1428</b>	<b>0.0944</b>	<b>0.0668</b>



**Hot spot position**



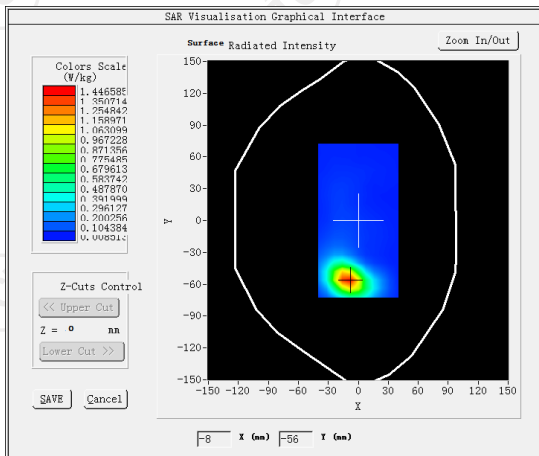
**MEASUREMENT 2**

Middle Band SAR (Channel 21100):

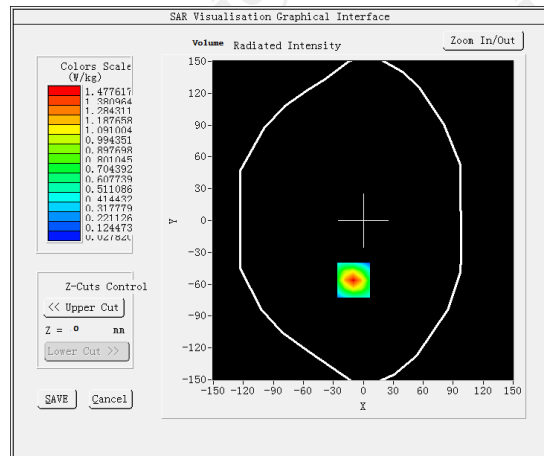
Date: 01/26/2024

Frequency (MHz)	2535.000000
Relative permittivity (real part)	37.432823
Relative permittivity (imaginary part)	13.671675
Conductivity (S/m)	1.925428
Variation (%)	0.790000
Crest Factor	1.0
Probe Conversion factor	4.36
E-Field Probe:	SSE2 (SN 25/22 EPGO375)
Area Scan	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7, dx=5mm dy=5mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
Phantom	<u>Validation plane</u>
Device Position	<u>Body back(10mm)</u>
Band	<u>LTE band 7(1 RB#0)</u>

**SURFACE SAR**



**VOLUME SAR**



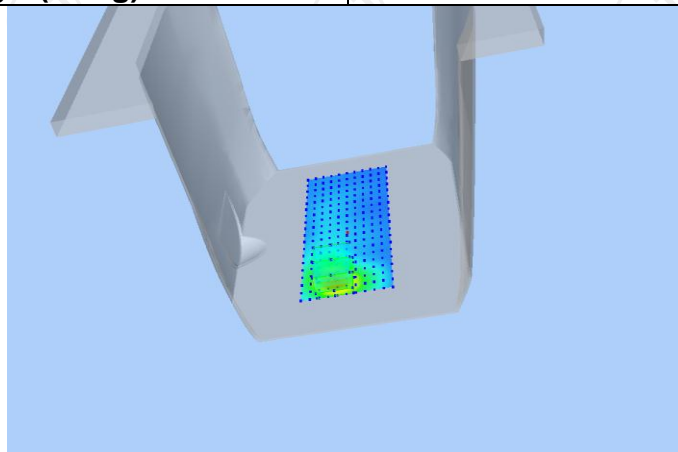
Maximum location: X=-10.00, Y=-56.00 SAR Peak: 1.13 W/kg

SAR 10g (W/Kg)

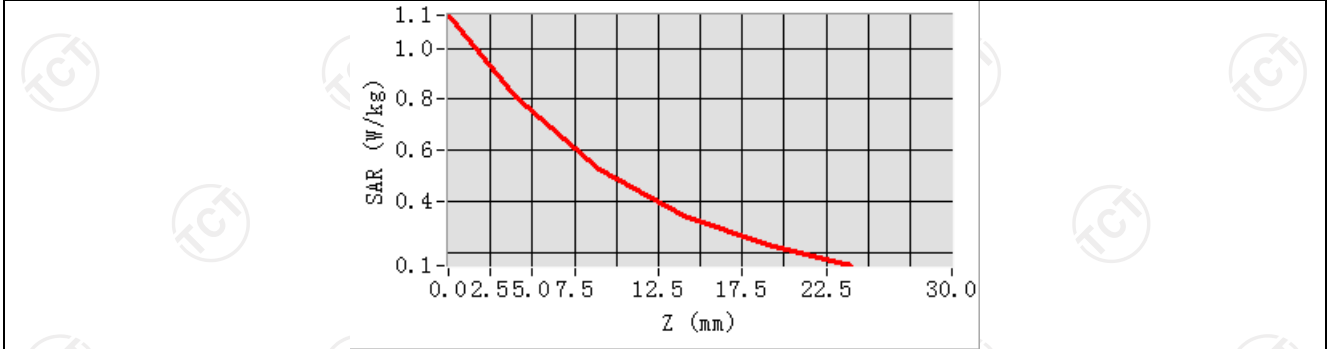
0.416204

SAR 1g (W/Kg)

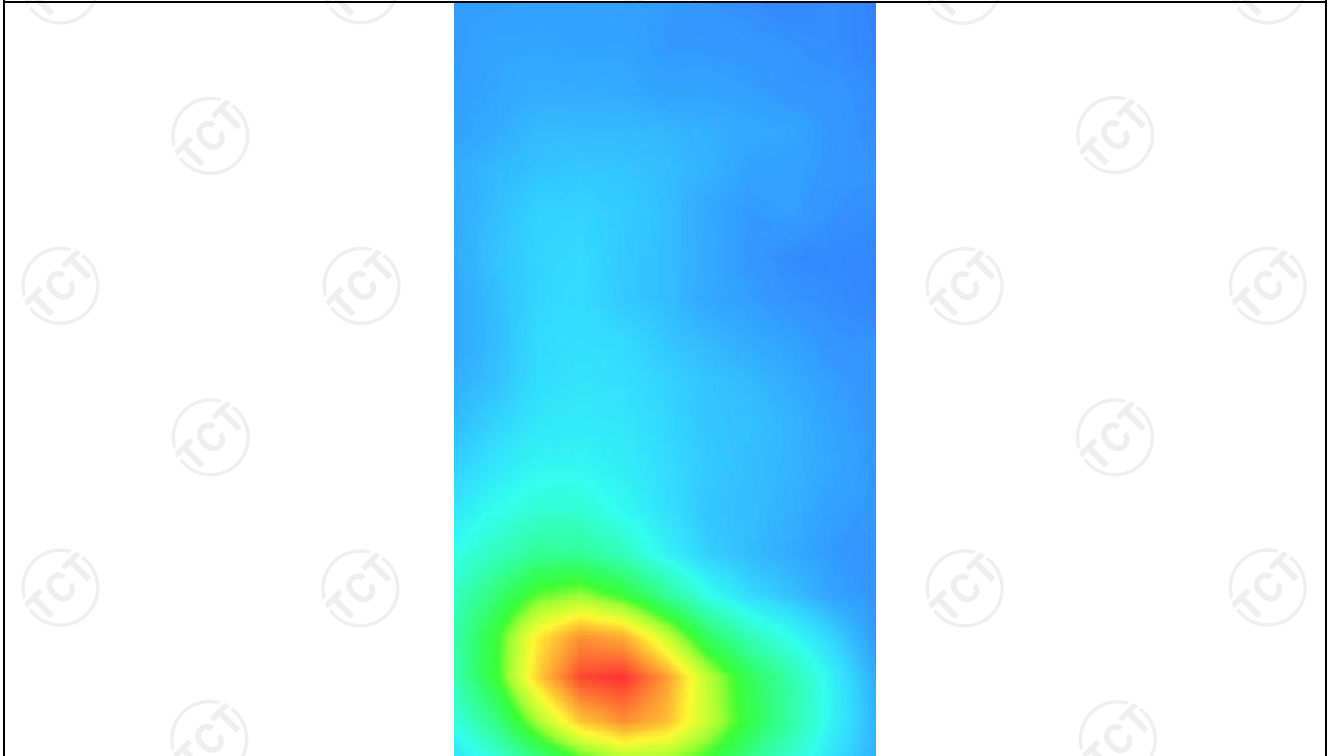
0.642840



<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>1.1304</b>	<b>0.8059</b>	<b>0.5228</b>	<b>0.3412</b>	<b>0.2264</b>



**Hot spot position**



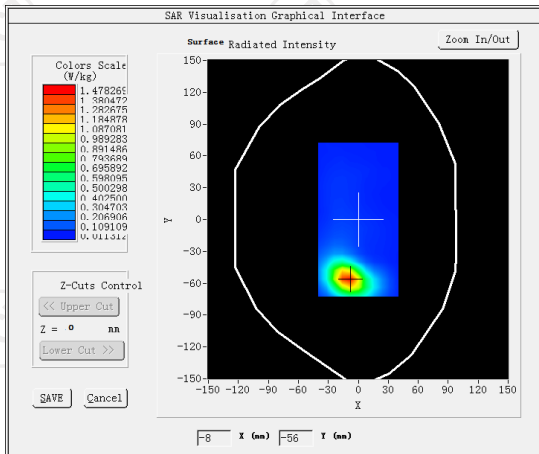
**MEASUREMENT 3**

Middle Band SAR (Channel 21100):

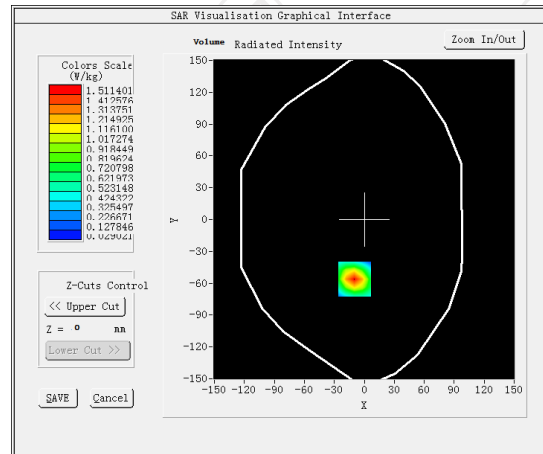
Date: 01/26/2024

Frequency (MHz)	2535.000000
Relative permittivity (real part)	37.432823
Relative permittivity (imaginary part)	13.671675
Conductivity (S/m)	1.925428
Variation (%)	0.420000
Crest Factor	1.0
Probe Conversion factor	4.36
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7,dx=5mm dy=5mm</u> <u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
Phantom	<u>Validation plane</u>
Device Position	<u>Body back(hotspot 10mm)</u>
Band	<u>LTE band 7(1 RB#0)</u>

**SURFACE SAR**



**VOLUME SAR**



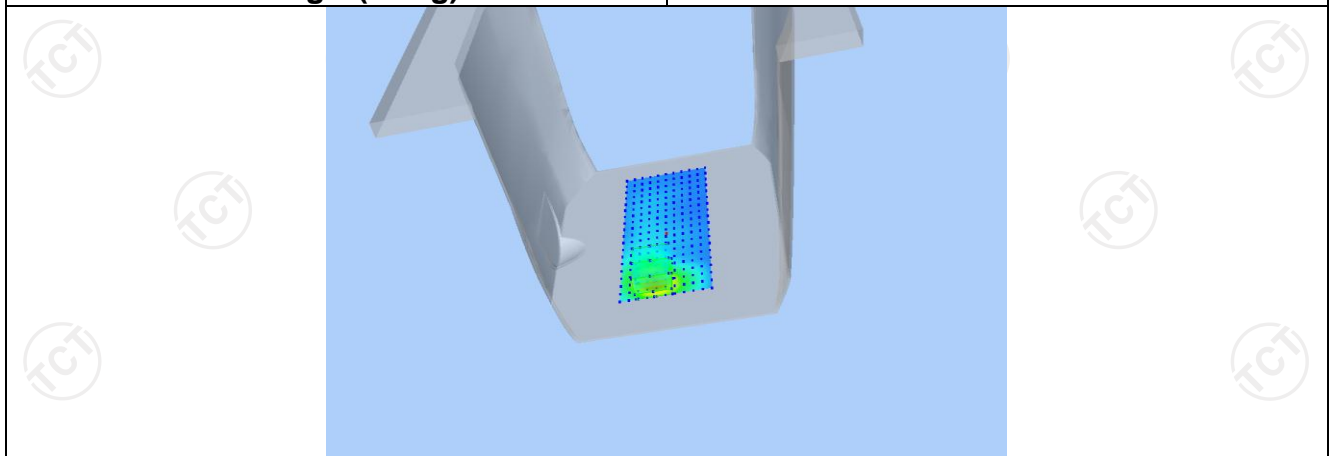
**Maximum location: X=-10.00, Y=-56.00 SAR Peak: 0.85 W/kg**

**SAR 10g (W/Kg)**

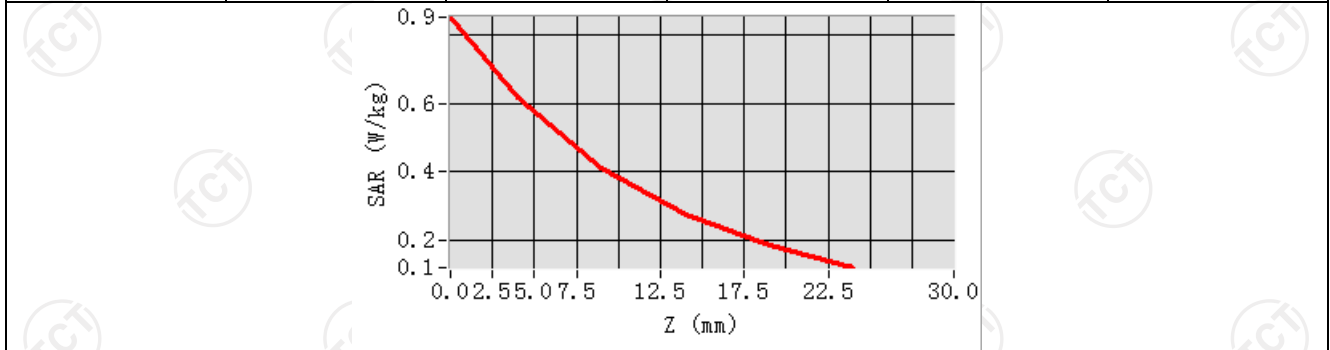
0.376188

**SAR 1g (W/Kg)**

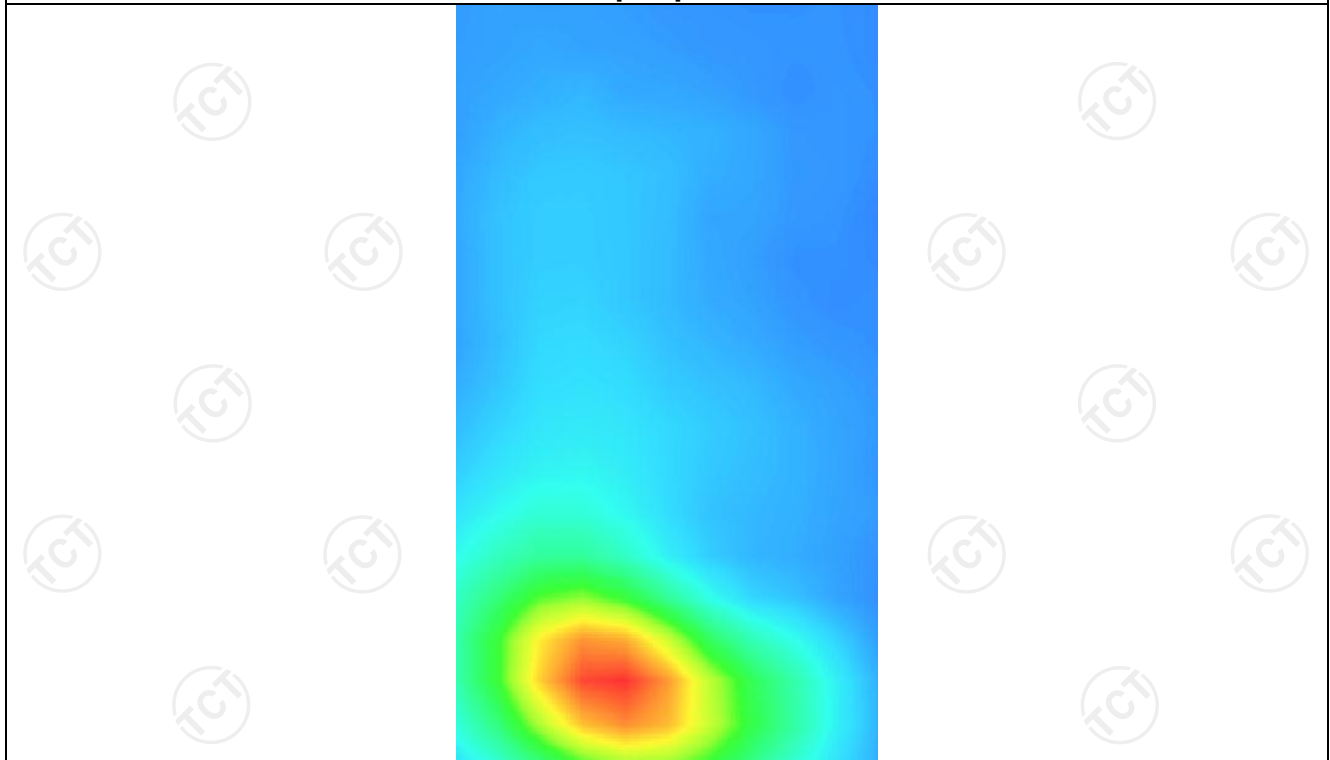
0.479512



<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>0.8517</b>	<b>0.6173</b>	<b>0.4088</b>	<b>0.2712</b>	<b>0.1815</b>



**Hot spot position**



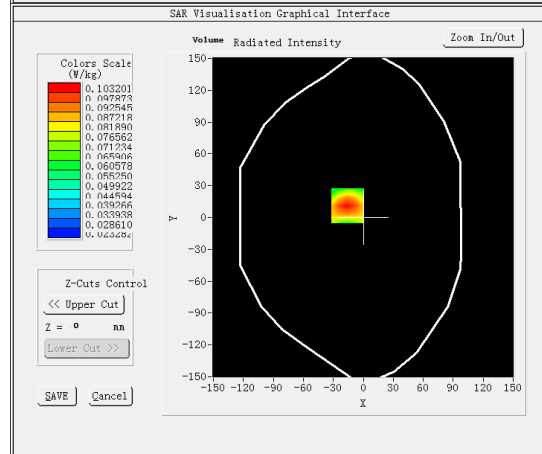
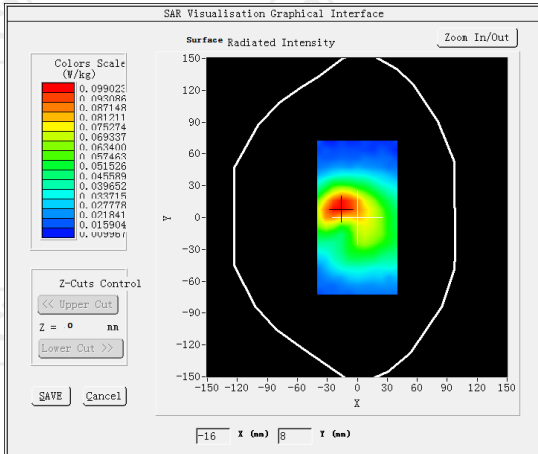
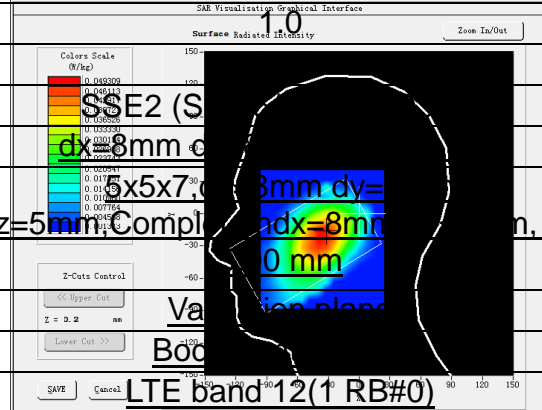
LTE Band 12

**MEASUREMENT 1**

High Band SAR (Channel 23130):

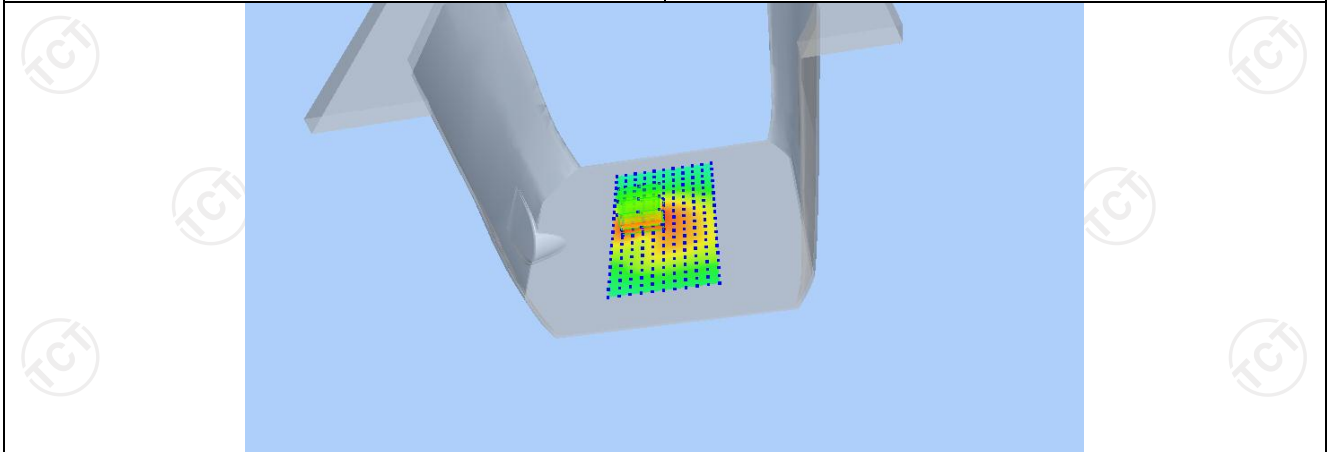
Date: 01/15/2024

Frequency (MHz)	711.000000
Relative permittivity (real part)	42.126667
Relative permittivity (imaginary part)	23.264000
Conductivity (S/m)	0.914404
Variation (%)	1.520000
Crest Factor	
Probe Conversion factor	
E-Field Probe:	
Area Scan	
ZoomScan	
Phantom	
Device Position	
Band	LTE band 12(1 RB#0)



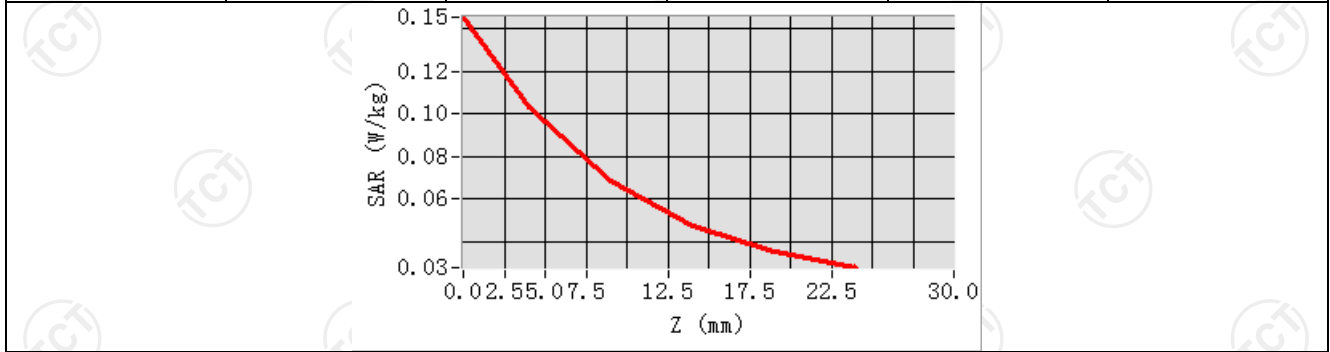
Maximum location: X=-16.00, Y=11.00 SAR Peak: 0.15 W/kg

SAR 10g (W/Kg)	0.064314
SAR 1g (W/Kg)	0.091085

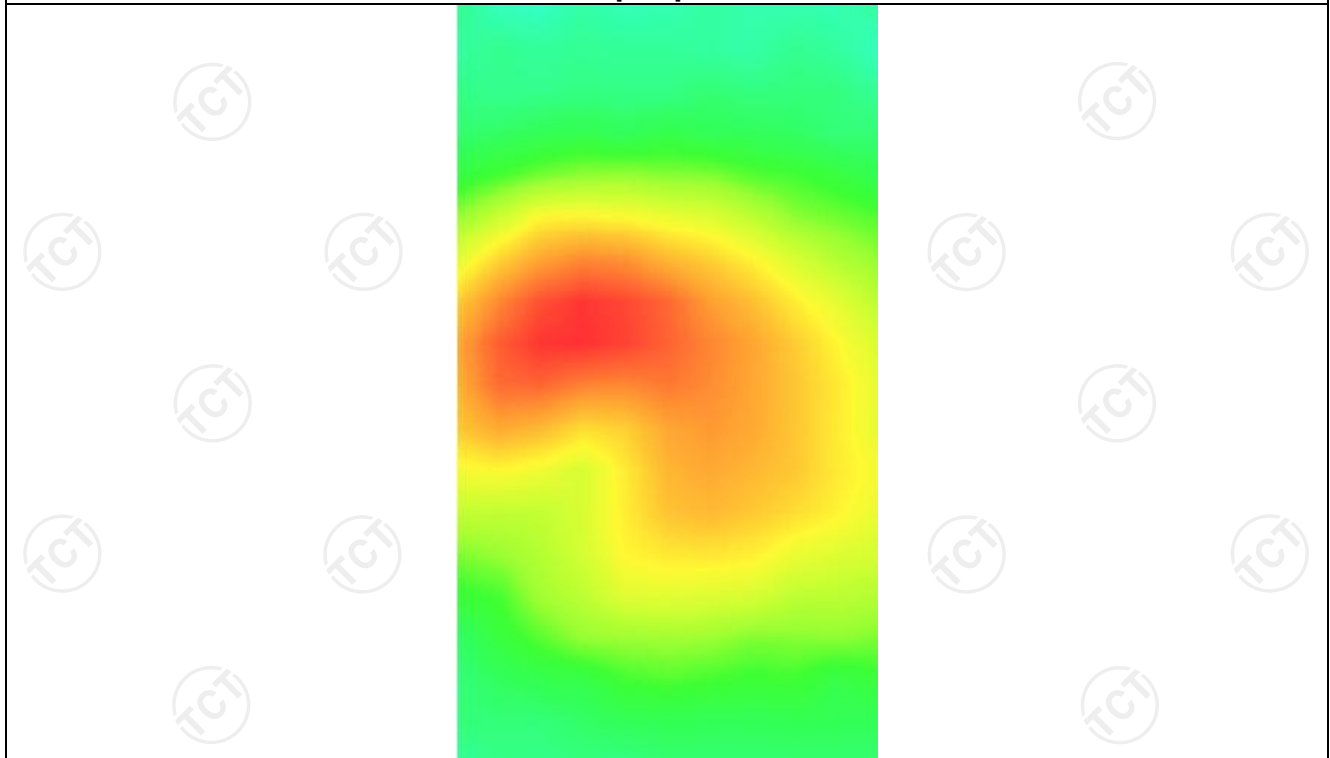




<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>0.1454</b>	<b>0.1032</b>	<b>0.0681</b>	<b>0.0473</b>	<b>0.0355</b>



**Hot spot position**



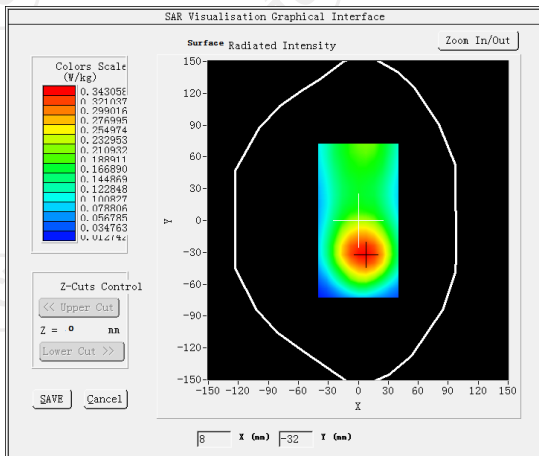
**MEASUREMENT 2**

High Band SAR (Channel 23130):

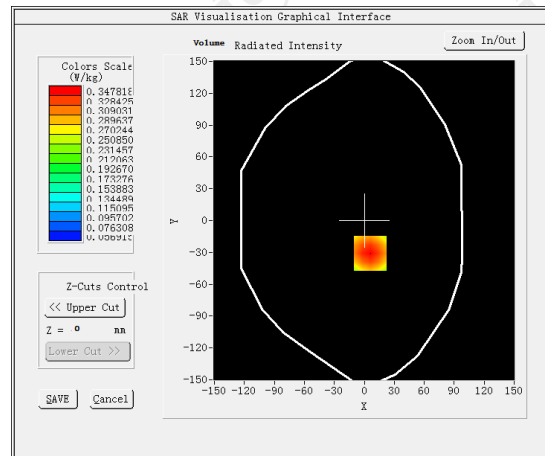
Date: 01/15/2024

Frequency (MHz)	711.000000
Relative permittivity (real part)	42.126667
Relative permittivity (imaginary part)	23.264000
Conductivity (S/m)	0.914404
Variation (%)	2.100000
Crest Factor	1.0
Probe Conversion factor	1.71
E-Field Probe:	SSE2 (SN 25/22 EPGO375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
Phantom	<u>Validation plane</u>
Device Position	<u>Body back(10mm)</u>
Band	<u>LTE band 12(1 RB#0)</u>

**SURFACE SAR**



**VOLUME SAR**



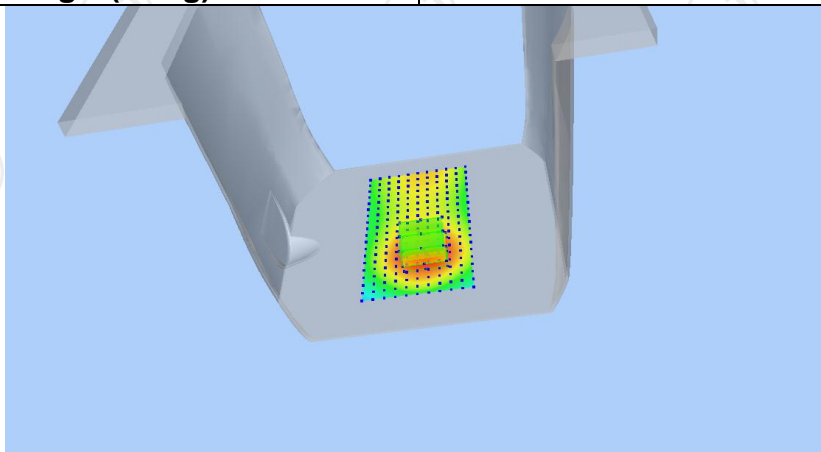
**Maximum location: X=6.00, Y=-31.00 SAR Peak: 0.44 W/kg**

**SAR 10g (W/Kg)**

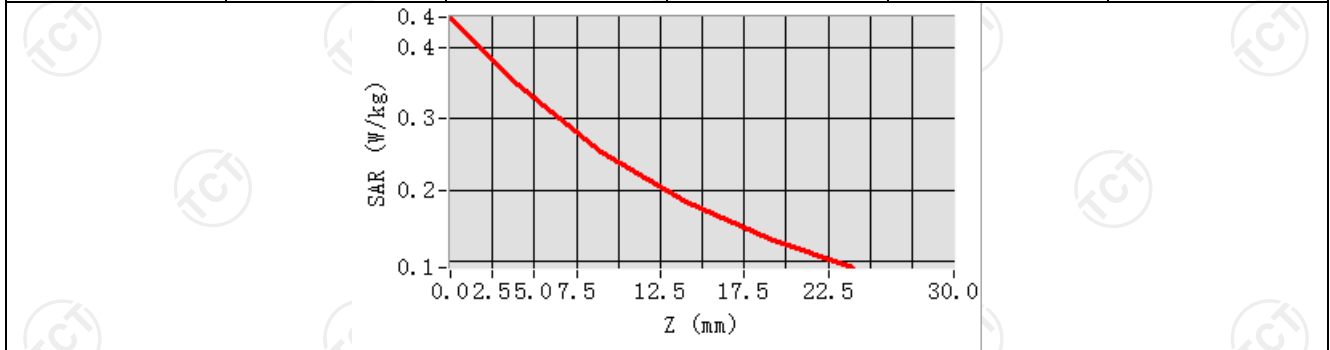
0.172311

**SAR 1g (W/Kg)**

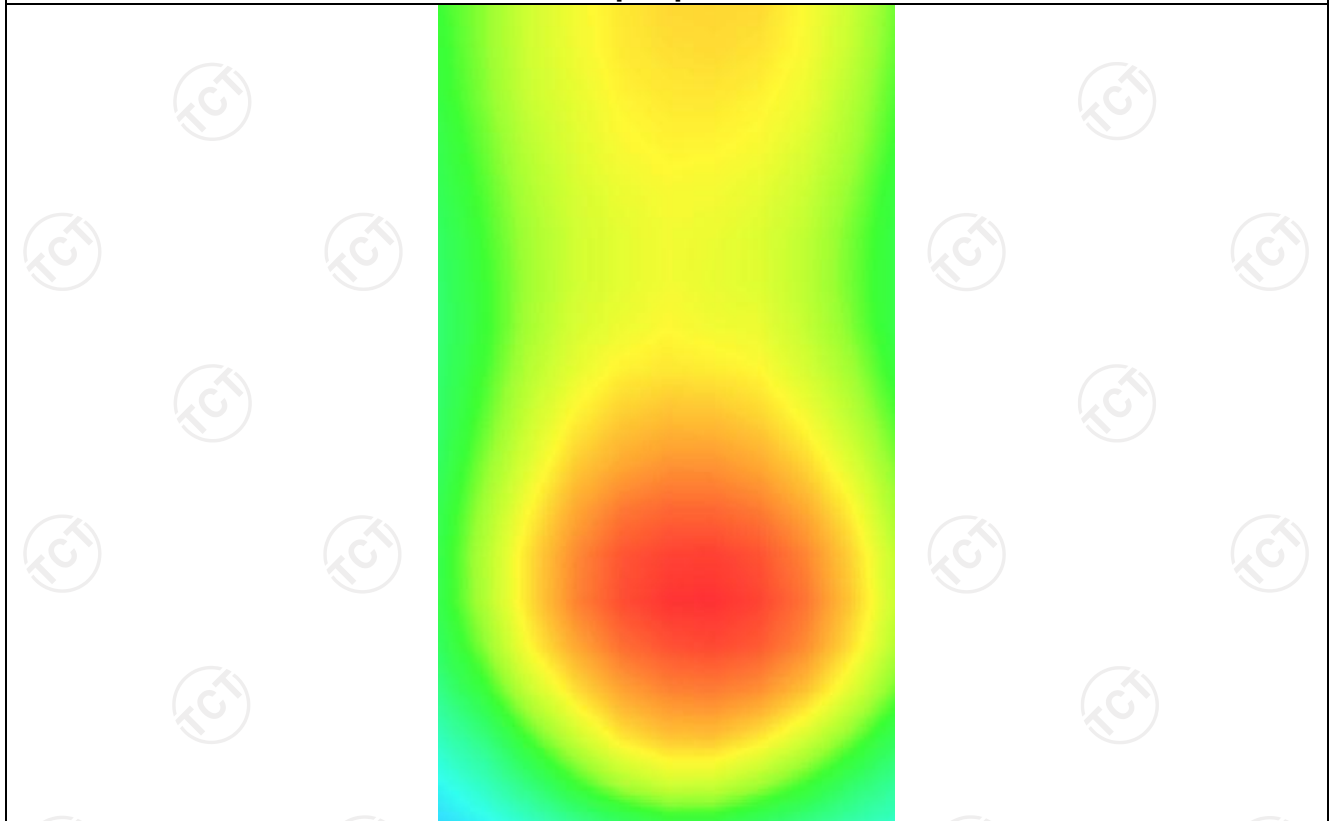
0.289128



<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>0.4434</b>	<b>0.3478</b>	<b>0.2541</b>	<b>0.1841</b>	<b>0.1318</b>



**Hot spot position**



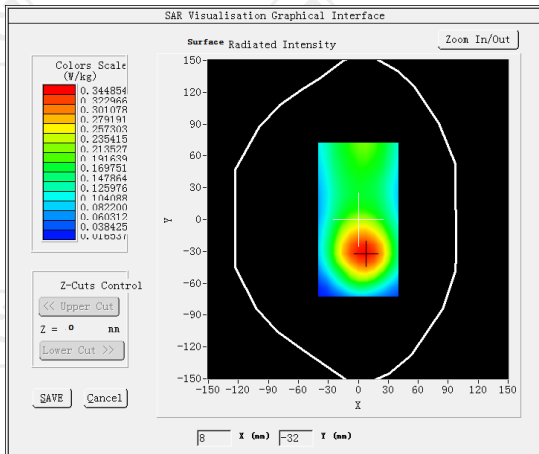
**MEASUREMENT 3**

High Band SAR (Channel 23130):

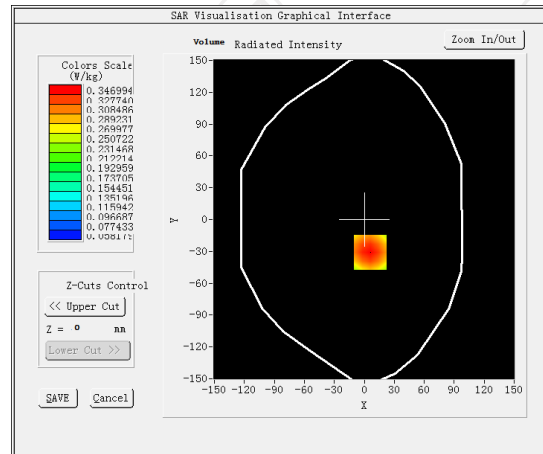
Date: 01/15/2024

<b>Frequency (MHz)</b>	711.000000
<b>Relative permittivity (real part)</b>	42.126667
<b>Relative permittivity (imaginary part)</b>	23.264000
<b>Conductivity (S/m)</b>	0.914404
<b>Variation (%)</b>	0.410000
<b>Crest Factor</b>	1.0
<b>Probe Conversion factor</b>	1.71
<b>E-Field Probe:</b>	SSE2 (SN 25/22 EPG0375)
<b>Area Scan</b>	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
<b>ZoomScan</b>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body back(hotspot 10mm)</u>
<b>Band</b>	<u>LTE band 12(1 RB#0)</u>

**SURFACE SAR**



**VOLUME SAR**



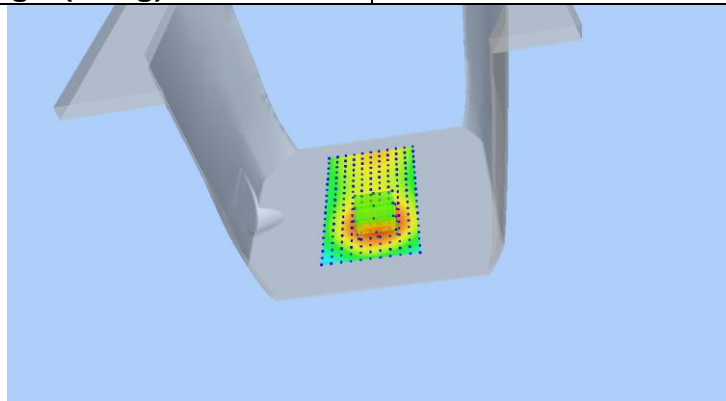
**Maximum location: X=6.00, Y=-31.00 SAR Peak: 0.44 W/kg**

**SAR 10g (W/Kg)**

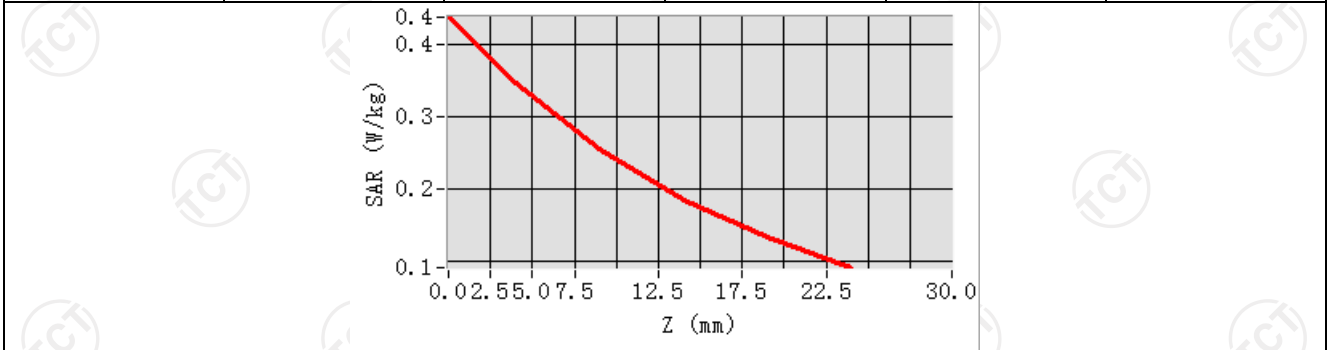
0.216037

**SAR 1g (W/Kg)**

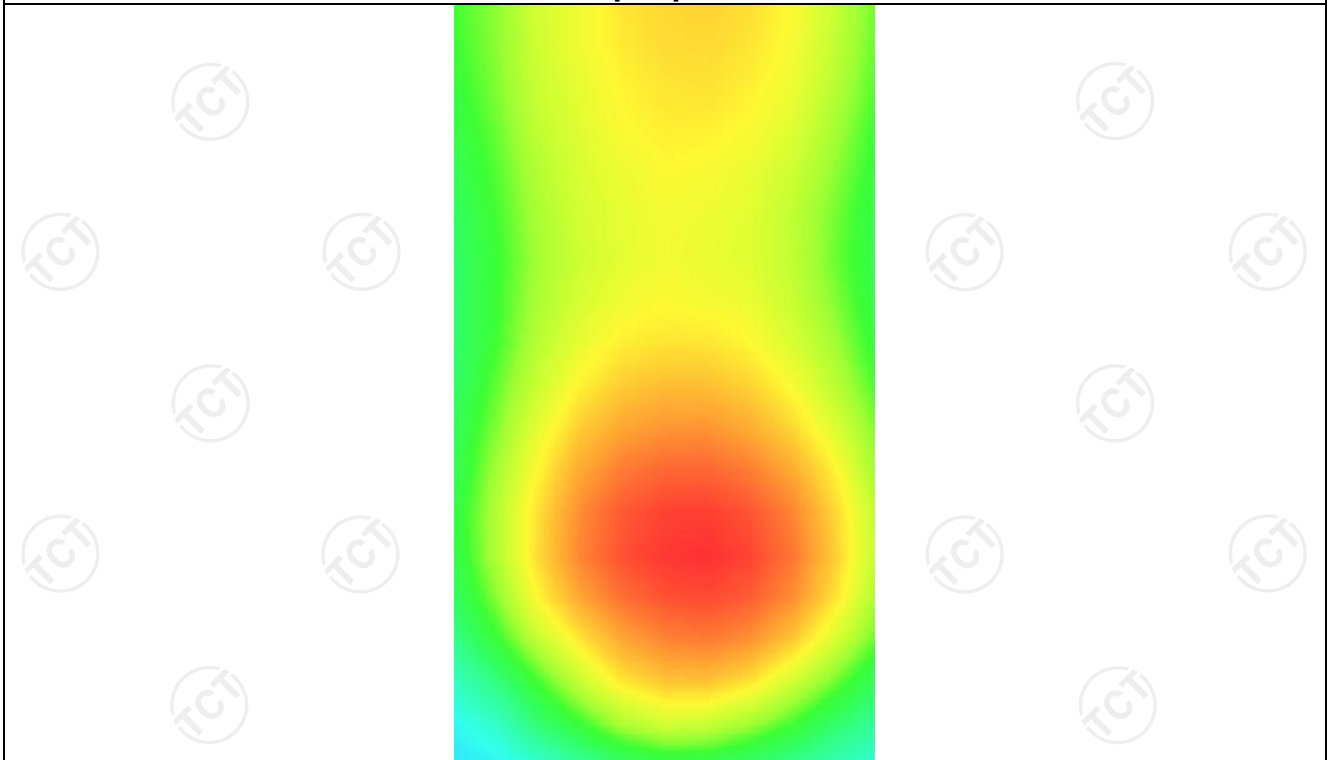
0.306055



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.4387	0.3470	0.2557	0.1862	0.1333



**Hot spot position**



LTE Band 17

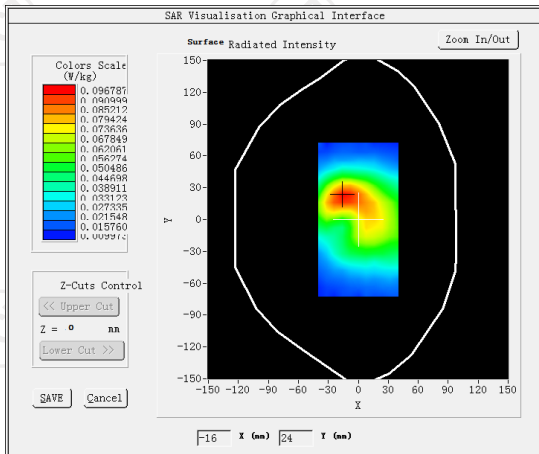
**MEASUREMENT 1**

High Band SAR (Channel 23800):

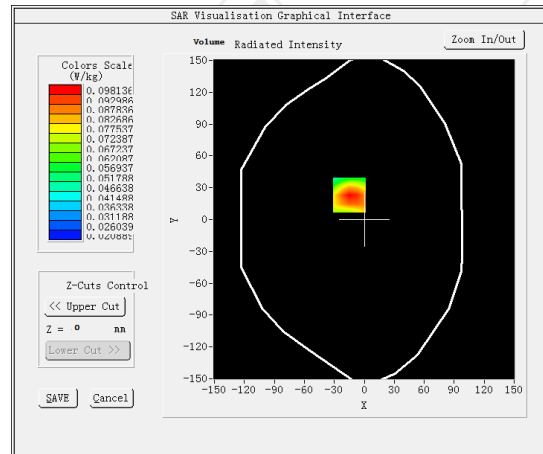
Date: 01/15/2024

<b>Frequency (MHz)</b>	711.000000
<b>Relative permittivity (real part)</b>	42.113335
<b>Relative permittivity (imaginary part)</b>	23.152000
<b>Conductivity (S/m)</b>	0.913218
<b>Variation (%)</b>	-0.410000
<b>Crest Factor</b>	1.0
<b>Probe Conversion factor</b>	1.71
<b>E-Field Probe:</b>	SSE2 (SN 25/22 EPG0375)
<b>Area Scan</b>	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
<b>ZoomScan</b>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body front(10mm)</u>
<b>Band</b>	<u>LTE band 17(1 RB#0)</u>

**SURFACE SAR**

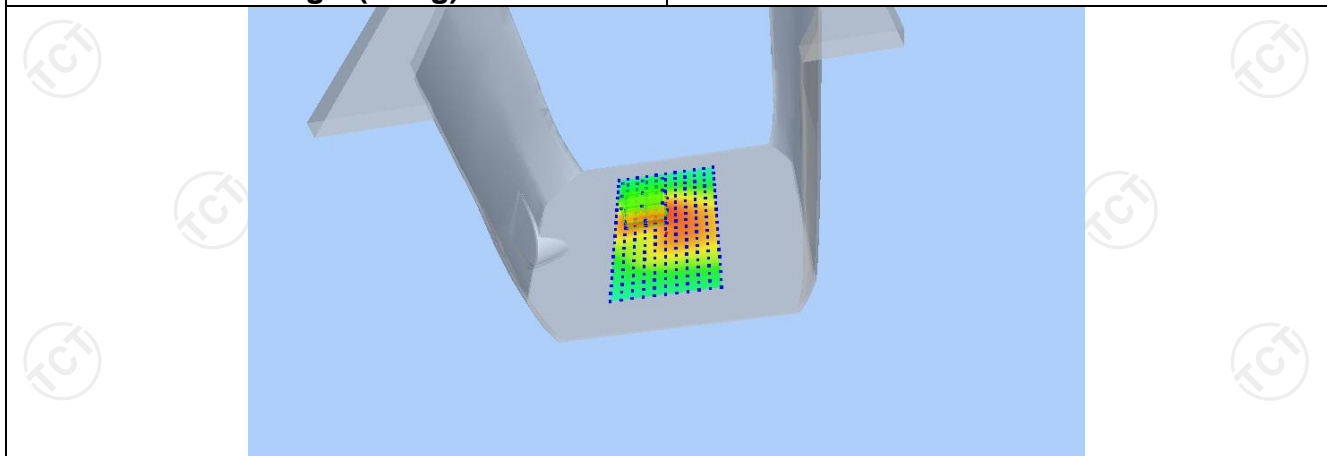


**VOLUME SAR**

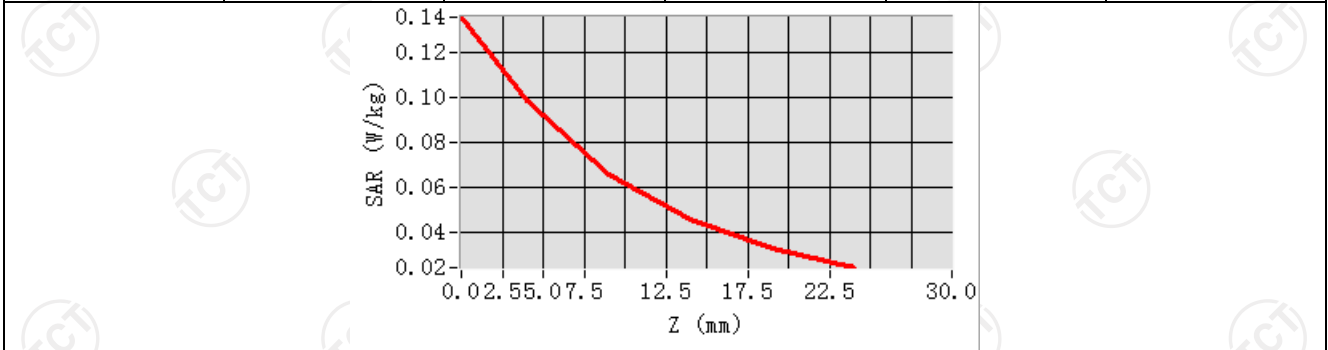


**Maximum location: X=-15.00, Y=23.00 SAR Peak: 0.14 W/kg**

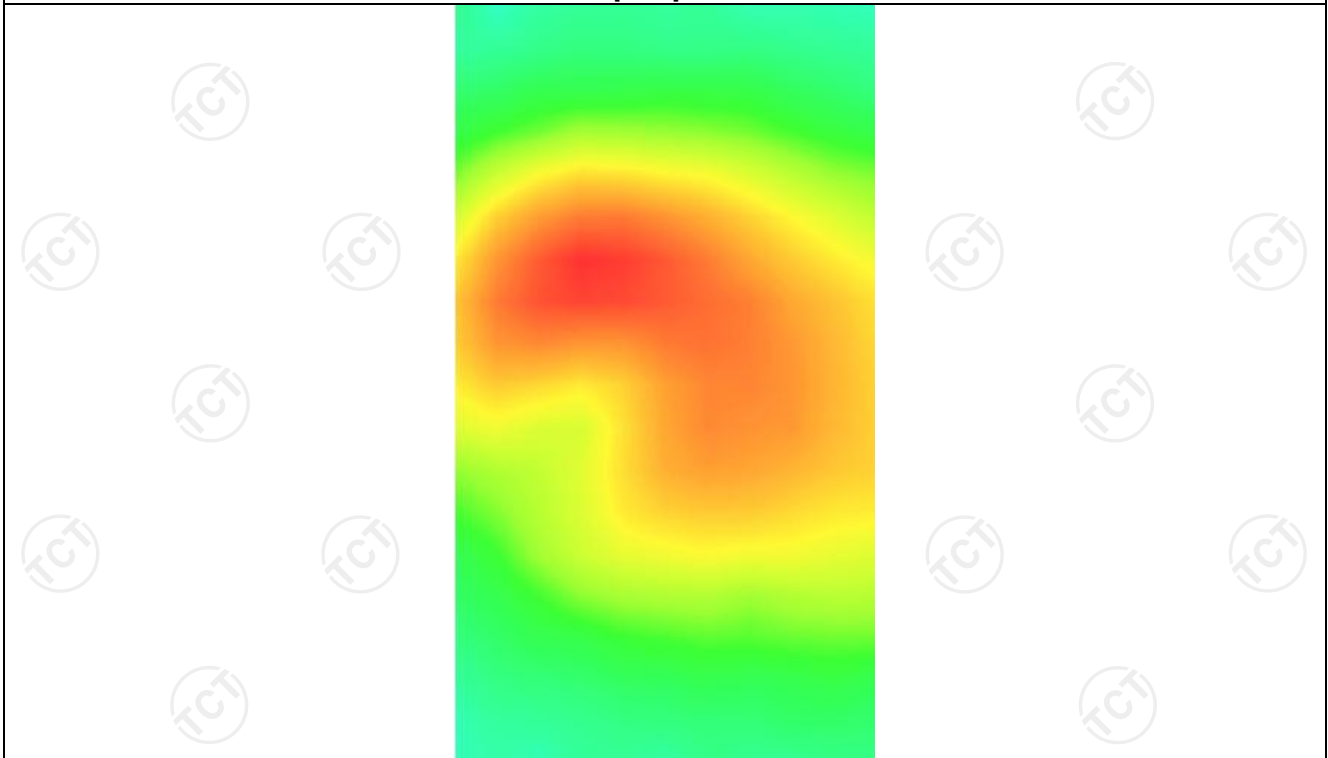
<b>SAR 10g (W/Kg)</b>	0.063050
<b>SAR 1g (W/Kg)</b>	0.093277



<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>0.1355</b>	<b>0.0981</b>	<b>0.0658</b>	<b>0.0455</b>	<b>0.0330</b>



**Hot spot position**



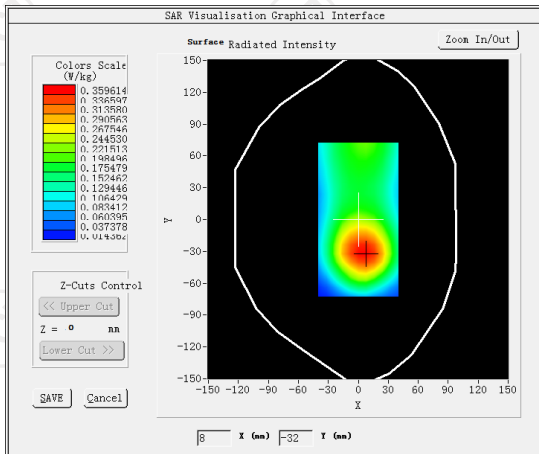
**MEASUREMENT 2**

High Band SAR (Channel 23800):

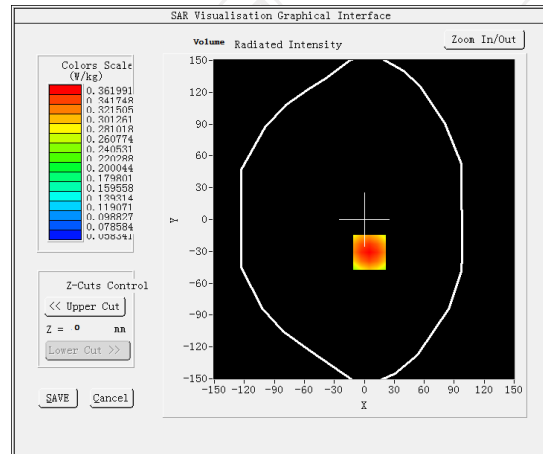
Date: 01/15/2024

<b>Frequency (MHz)</b>	711.000000
<b>Relative permittivity (real part)</b>	42.113335
<b>Relative permittivity (imaginary part)</b>	23.152000
<b>Conductivity (S/m)</b>	0.913218
<b>Variation (%)</b>	1.590000
<b>Crest Factor</b>	1.0
<b>Probe Conversion factor</b>	1.71
<b>E-Field Probe:</b>	SSE2 (SN 25/22 EPG0375)
<b>Area Scan</b>	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
<b>ZoomScan</b>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body back(10mm)</u>
<b>Band</b>	<u>LTE band 17(1 RB#0)</u>

**SURFACE SAR**



**VOLUME SAR**



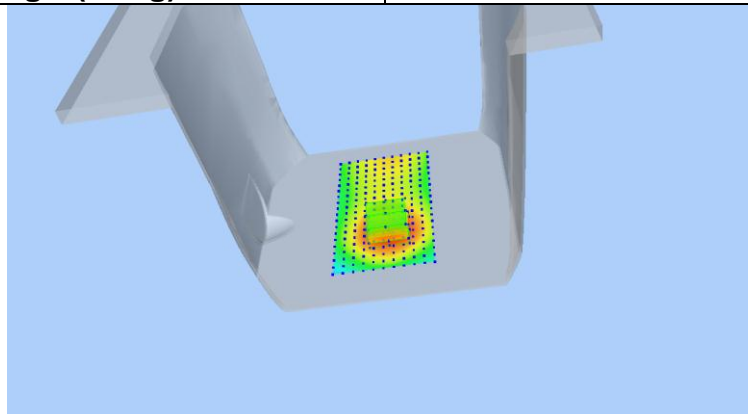
**Maximum location: X=5.00, Y=-31.00 SAR Peak: 0.46 W/kg**

**SAR 10g (W/Kg)**

0.264158

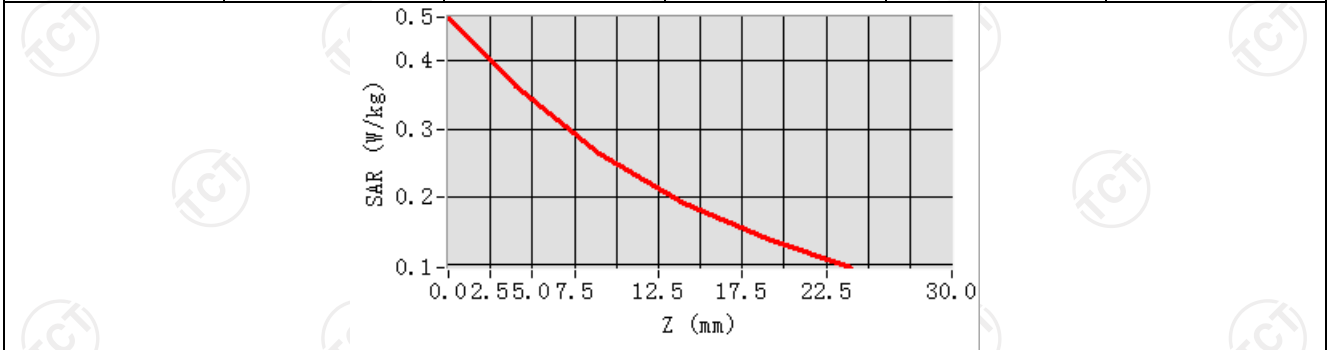
**SAR 1g (W/Kg)**

0.327177

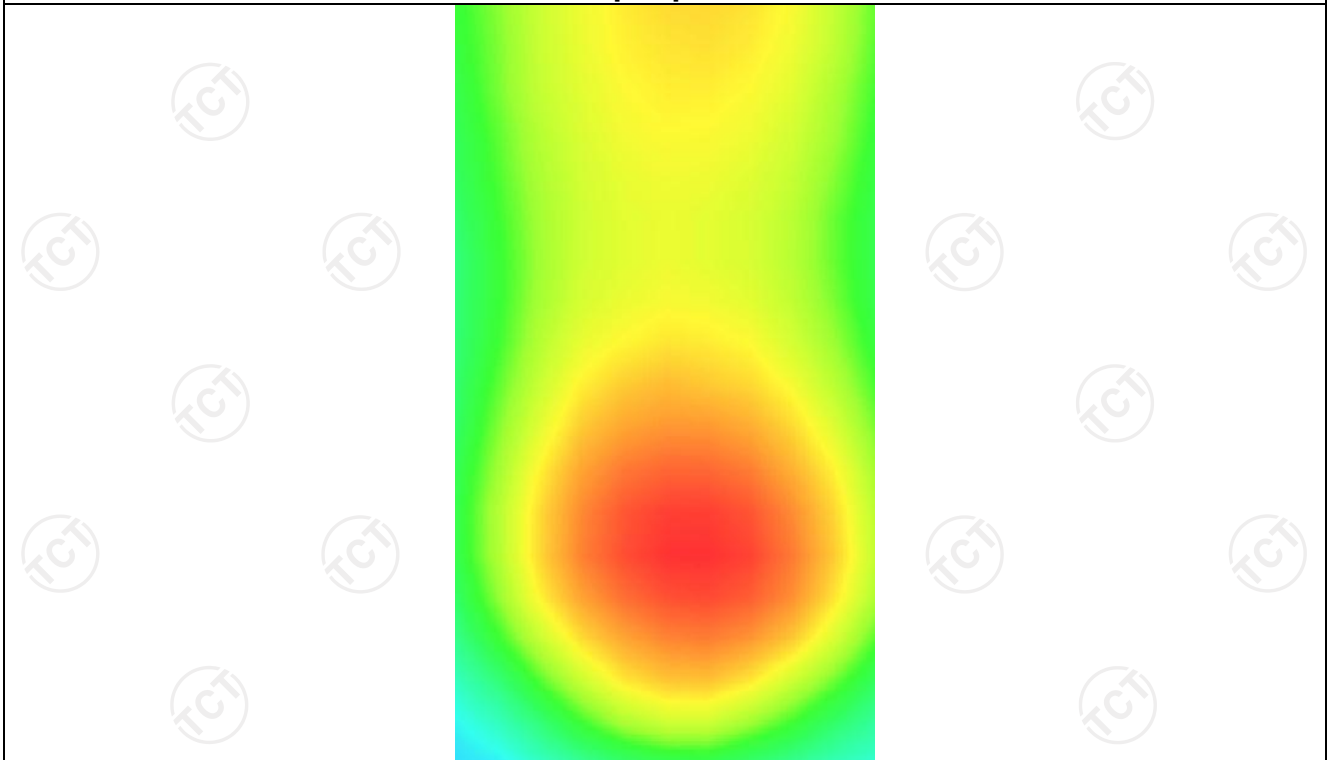




<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>0.4643</b>	<b>0.3620</b>	<b>0.2631</b>	<b>0.1905</b>	<b>0.1372</b>



**Hot spot position**



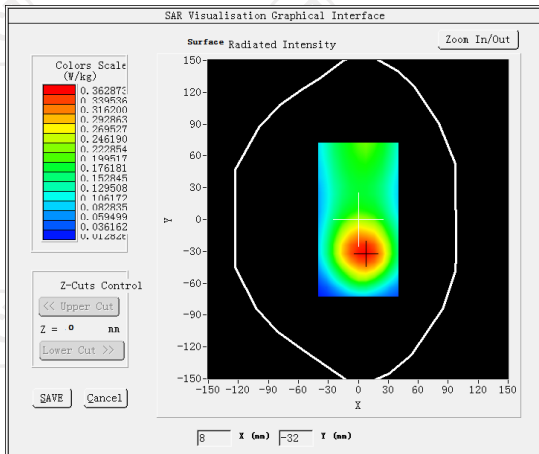
**MEASUREMENT 3**

High Band SAR (Channel 23800):

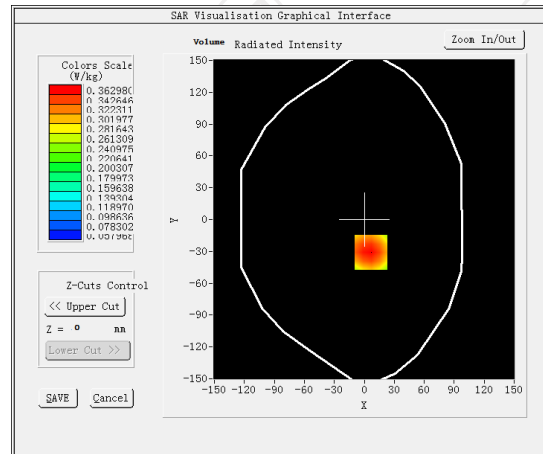
Date: 01/15/2024

<b>Frequency (MHz)</b>	711.000000
<b>Relative permittivity (real part)</b>	42.113335
<b>Relative permittivity (imaginary part)</b>	23.152000
<b>Conductivity (S/m)</b>	0.913218
<b>Variation (%)</b>	1.550000
<b>Crest Factor</b>	1.0
<b>Probe Conversion factor</b>	1.71
<b>E-Field Probe:</b>	SSE2 (SN 25/22 EPG0375)
<b>Area Scan</b>	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
<b>ZoomScan</b>	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
<b>Phantom</b>	<u>Validation plane</u>
<b>Device Position</b>	<u>Body back(hotspot 10mm)</u>
<b>Band</b>	<u>LTE band 17(1 RB#0)</u>

**SURFACE SAR**



**VOLUME SAR**



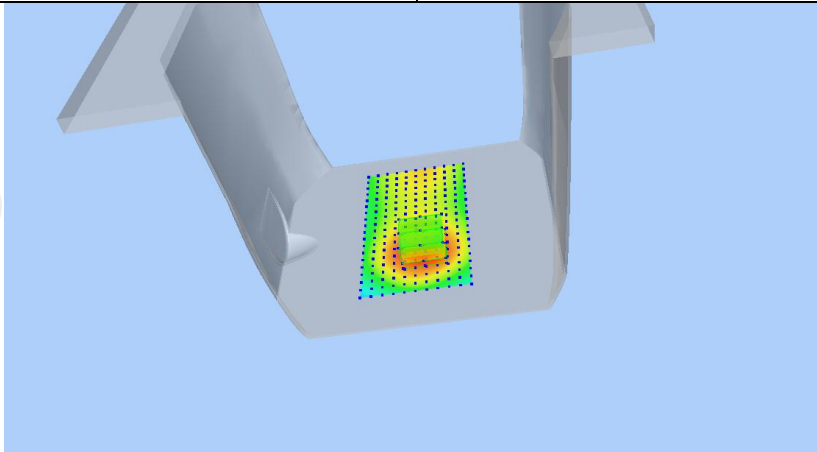
**Maximum location: X=7.00, Y=-31.00 SAR Peak: 0.46 W/kg**

**SAR 10g (W/Kg)**

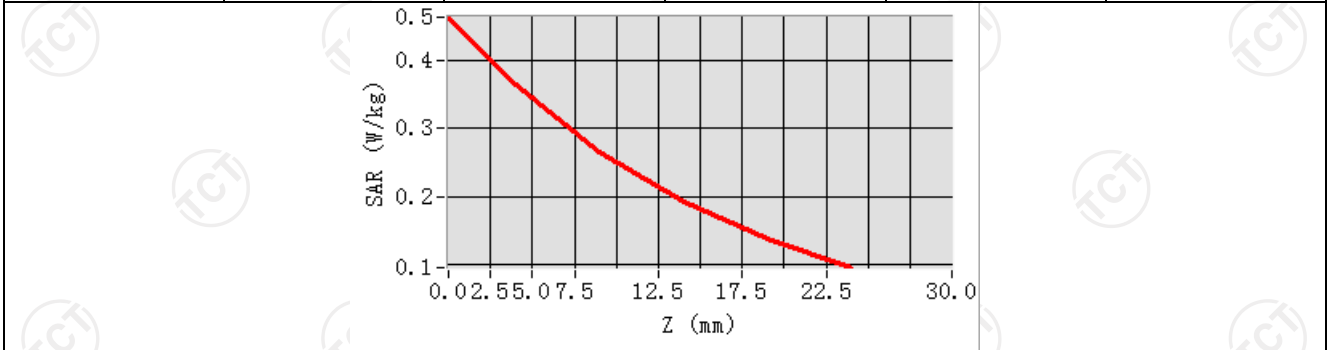
0.221087

**SAR 1g (W/Kg)**

0.331581



<b>Z (mm)</b>	<b>0.00</b>	<b>4.00</b>	<b>9.00</b>	<b>14.00</b>	<b>19.00</b>
<b>SAR (W/Kg)</b>	<b>0.4625</b>	<b>0.3630</b>	<b>0.2654</b>	<b>0.1924</b>	<b>0.1379</b>



**Hot spot position**

