

Date of measurement: 05/20/2024 Test mode: 5800MHz (Head)

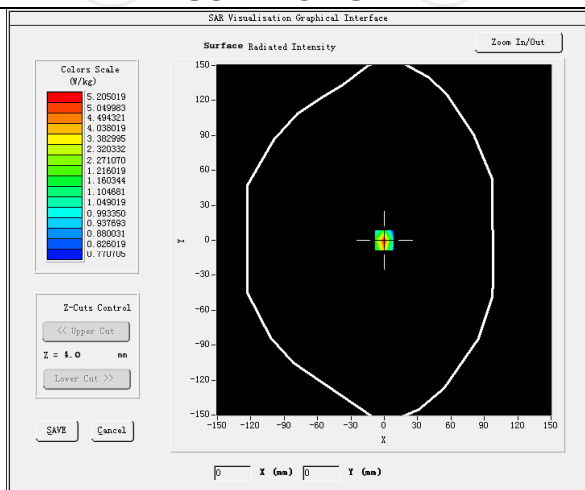
Product Description: Validation

Dipole Model: SID5800

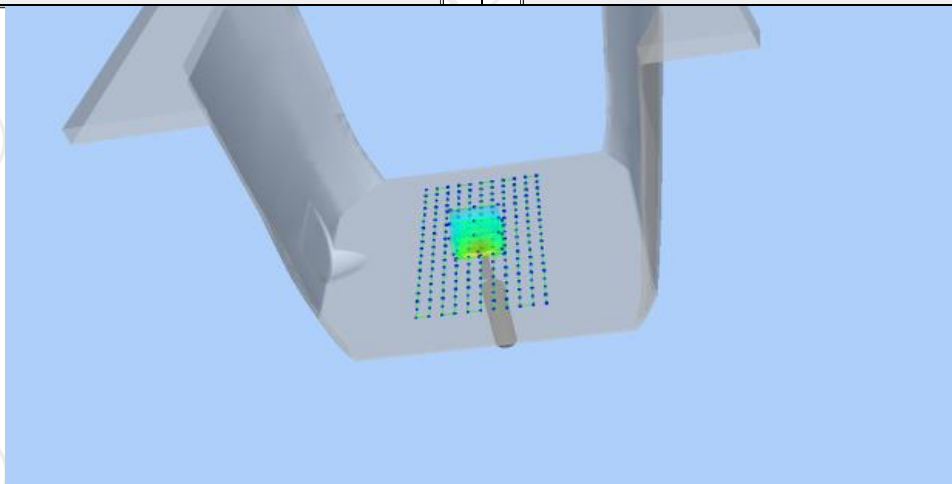
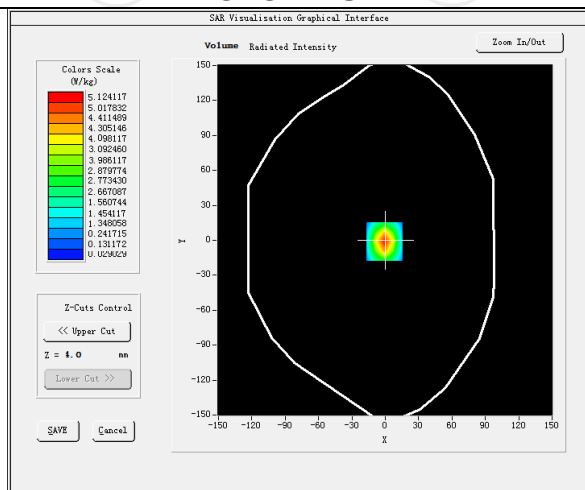
E-Field Probe: SSE2 (SN 25/22 EPGO375)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	2.06
Frequency (MHz)	5800.000000
Relative permittivity (real part)	34.802823
Relative permittivity (imaginary part)	13.671675
Conductivity (S/m)	5.080828
Variation (%)	-2.800000
SAR 10g (W/Kg)	18.195121
SAR 1g (W/Kg)	5.253573

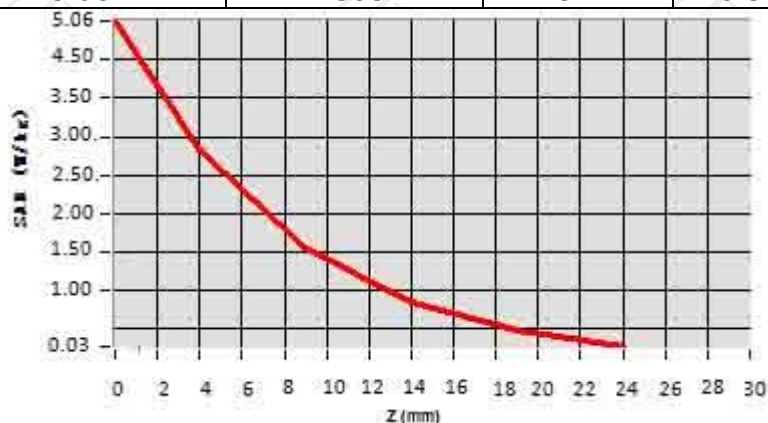
SURFACE SAR



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



12. SAR Test Data

GSM850

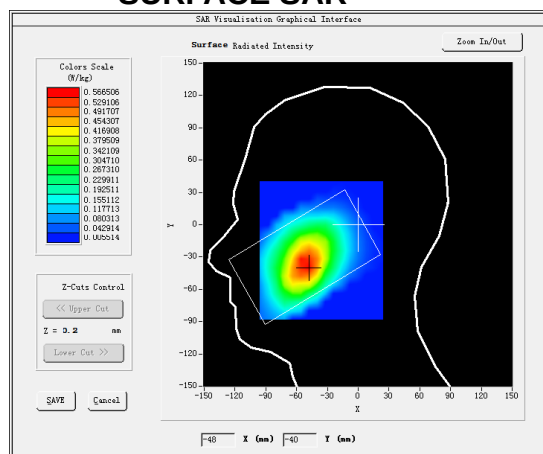
MEASUREMENT 1

High Band SAR (Channel 251)

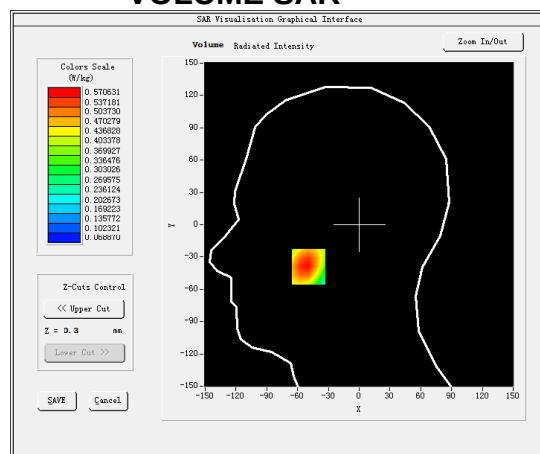
Date: 05/09/2024

Frequency (MHz)	848.000000
Relative permittivity (real part)	40.606560
Relative permittivity (imaginary part)	18.313232
Conductivity (S/m)	0.850955
Variation (%)	0.750000
Crest Factor:	1.0
Probe Conversion factor	1.80
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>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>GSM850(voice)</u>

SURFACE SAR



VOLUME SAR



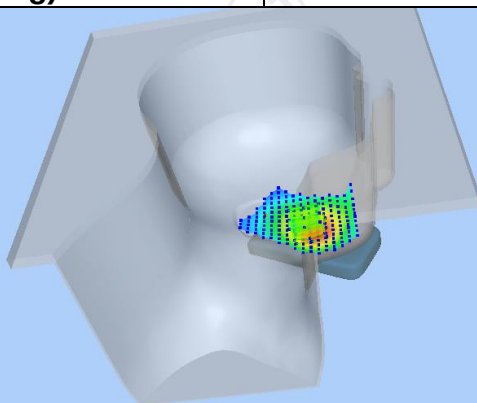
Maximum location: X=-49.00, Y=-39.00 SAR Peak: 0.43W/kg

SAR 10g (W/Kg)

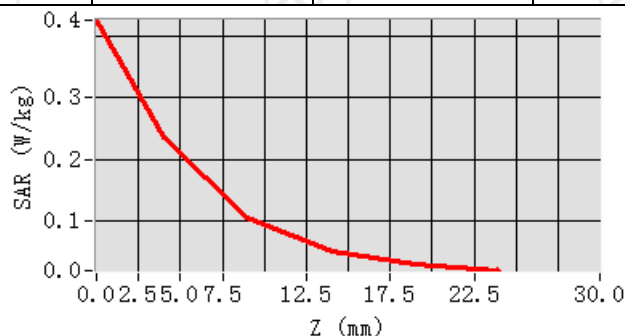
0.160312

SAR 1g (W/Kg)

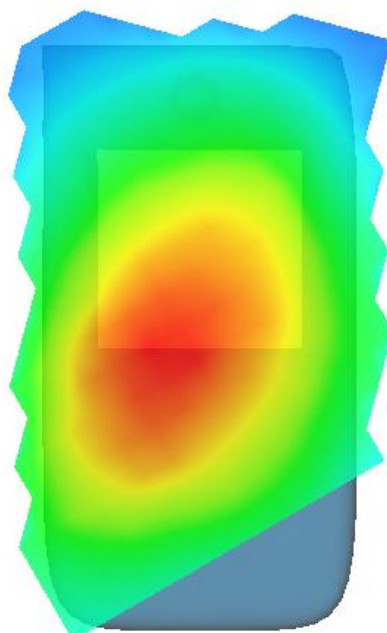
0.281167



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.4263	0.2351	0.1055	0.0490	0.0278



Hot spot position



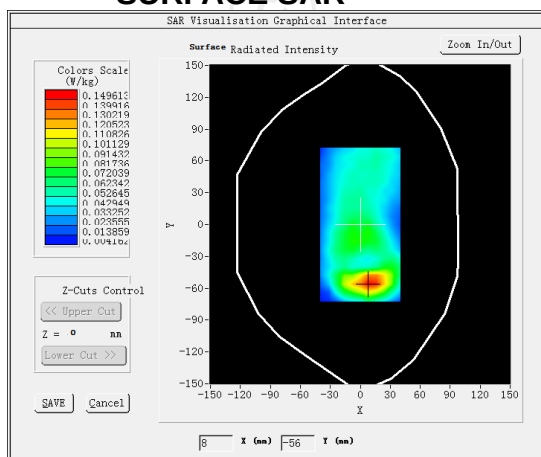
MEASUREMENT 2

High Band SAR (Channel 251)

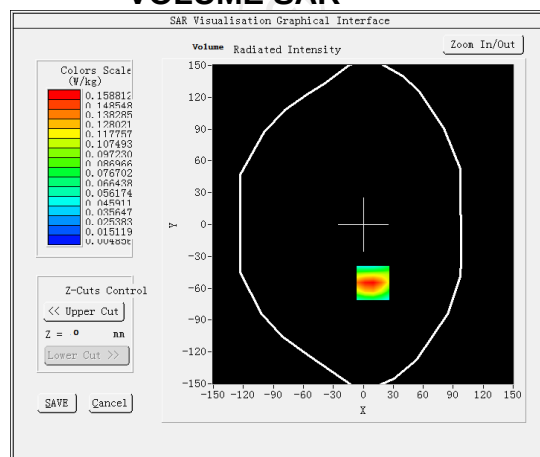
Date: 05/09/2024

Frequency (MHz)	848.000000
Relative permittivity (real part)	40.606560
Relative permittivity (imaginary part)	18.313232
Conductivity (S/m)	0.850955
Variation (%)	0.760000
Crest Factor:	1.0
Probe Conversion factor	1.80
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(10mm)</u>
Band	<u>GSM850(Voice)</u>

SURFACE SAR



VOLUME SAR



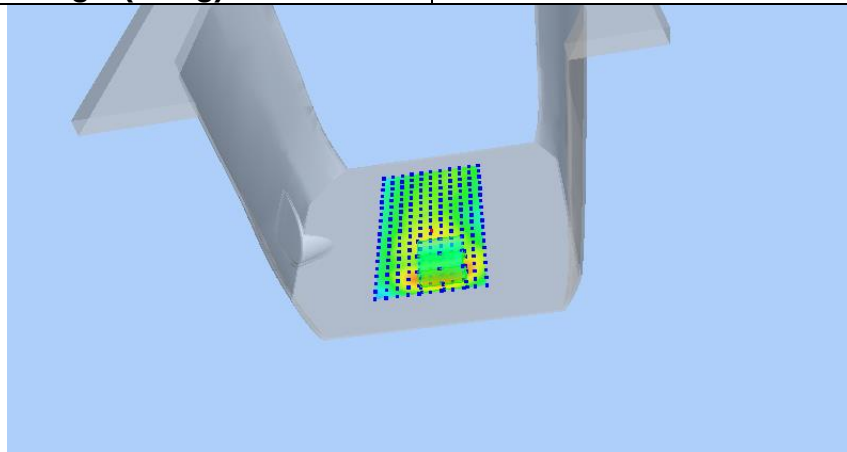
Maximum location: X=10.00, Y=-55.00 SAR Peak: 0.25 W/kg

SAR 10g (W/Kg)

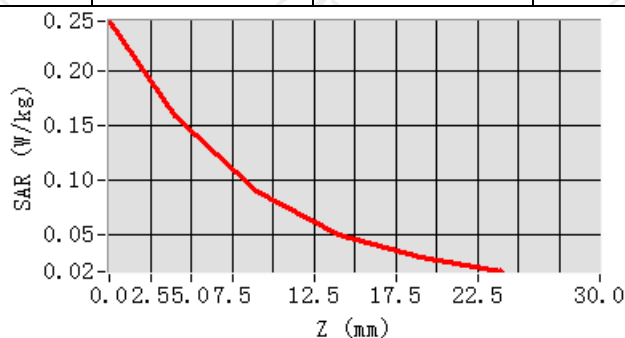
0.091684

SAR 1g (W/Kg)

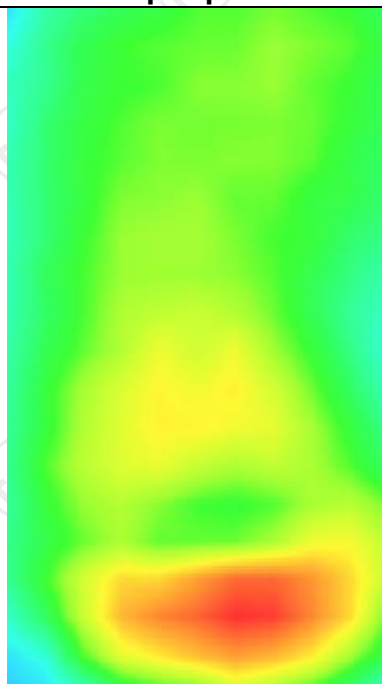
0.161157



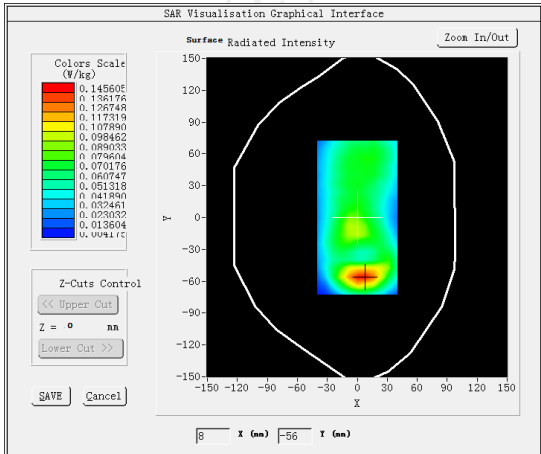
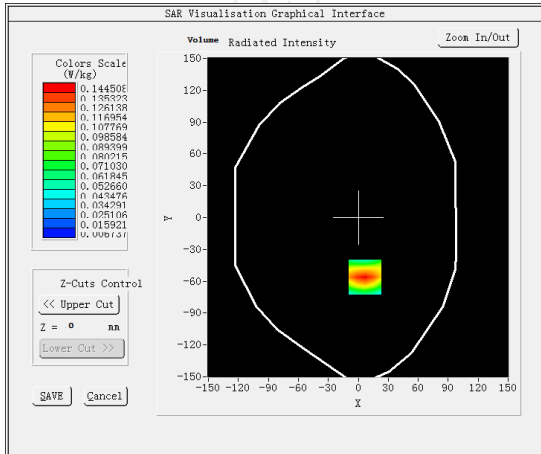
Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2457	0.1588	0.0896	0.0506	0.0294

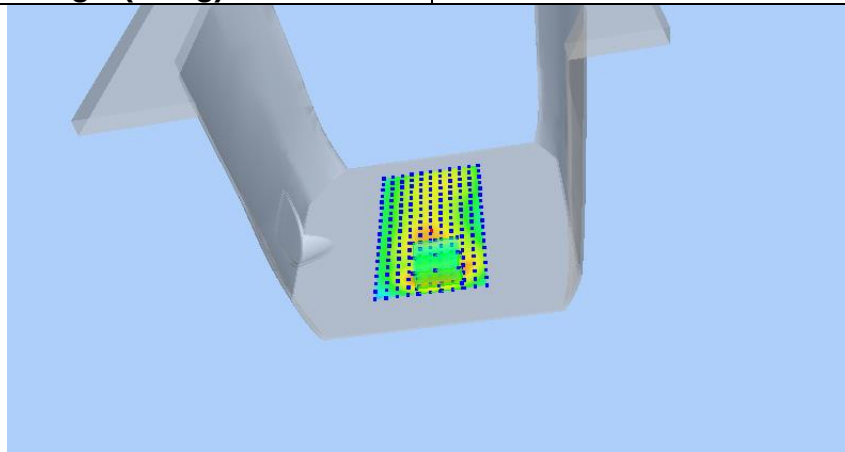


Hot spot position

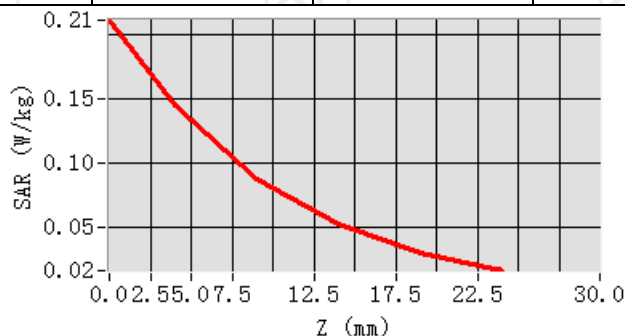


MEASUREMENT 3

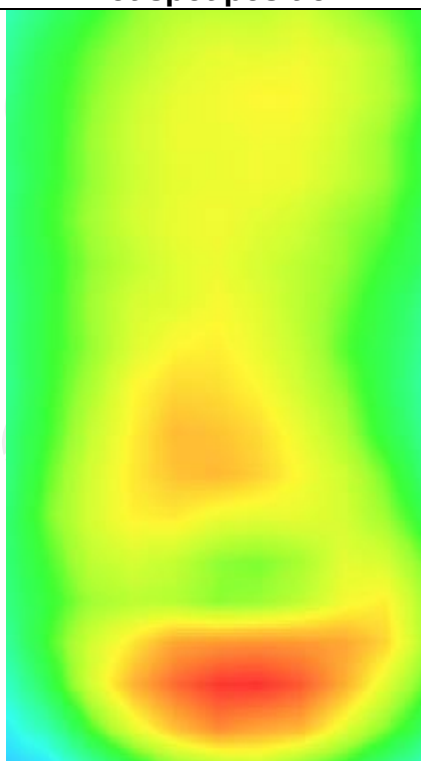
High Band SAR (Channel 251)		Date: 05/09/2024
Frequency (MHz)	848.800000	
Relative permittivity (real part)	40.606560	
Relative permittivity (imaginary part)	18.313232	
Conductivity (S/m)	0.850955	
Variation (%)	0.760000	
Crest Factor:	1.0	
Probe Conversion factor	1.80	
E-Field Probe:	SSE2 (SN 25/22 EPG0375)	
Area Scan	dx=8mm dy=8mm, h= 5.00 mm	
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete/ndx=8mm dy=8mm, h= 5.00 mm	
Phantom	Validation plane	
Device Position	Body back(10mm)	
Band	GSM850(GPRS 2slot)	
SURFACE SAR	VOLUME SAR	
		
Maximum location: X=7.00, Y=-56.00 SAR Peak: 0.21 W/kg		
SAR 10g (W/Kg)	0.070315	
SAR 1g (W/Kg)	0.144313	



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2111	0.1445	0.0875	0.0518	0.0299



Hot spot position



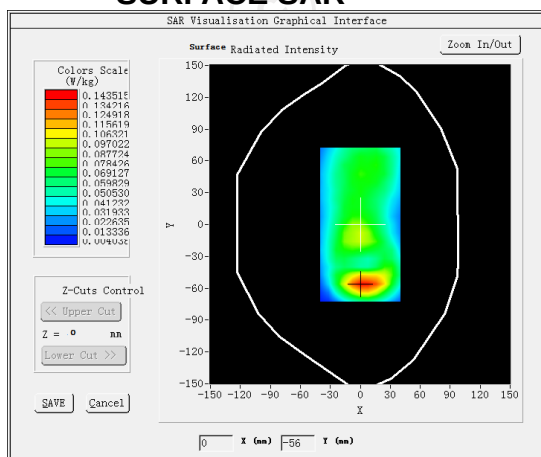
MEASUREMENT 4

High Band SAR (Channel 251)

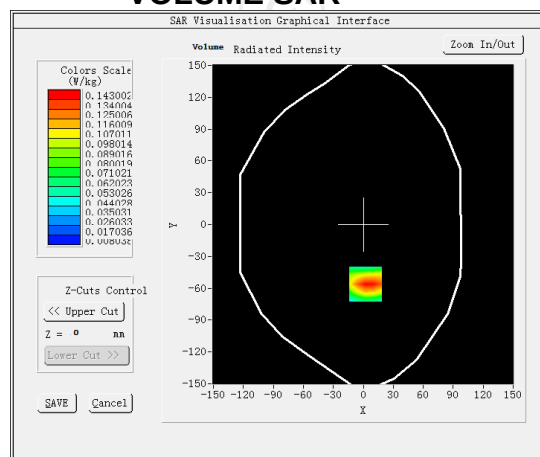
Date: 05/09/2024

Frequency (MHz)	848.800000
Relative permittivity (real part)	40.606560
Relative permittivity (imaginary part)	18.313232
Conductivity (S/m)	0.850955
Variation (%)	-3.450000
Crest Factor:	1.0
Probe Conversion factor	1.80
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(10mm)</u>
Band	<u>GSM850(GPRS 2slot hotspot)</u>

SURFACE SAR



VOLUME SAR



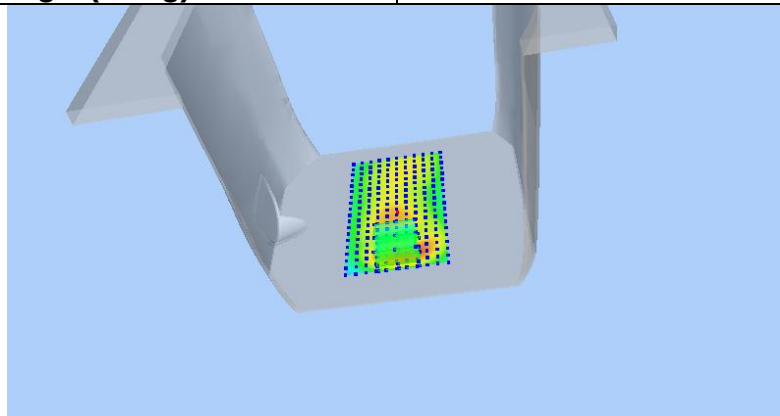
Maximum location: X=2.00, Y=-56.00 SAR Peak: 0.21 W/kg

SAR 10g (W/Kg)

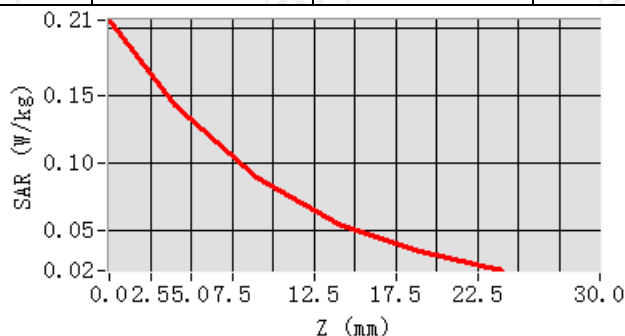
0.076709

SAR 1g (W/Kg)

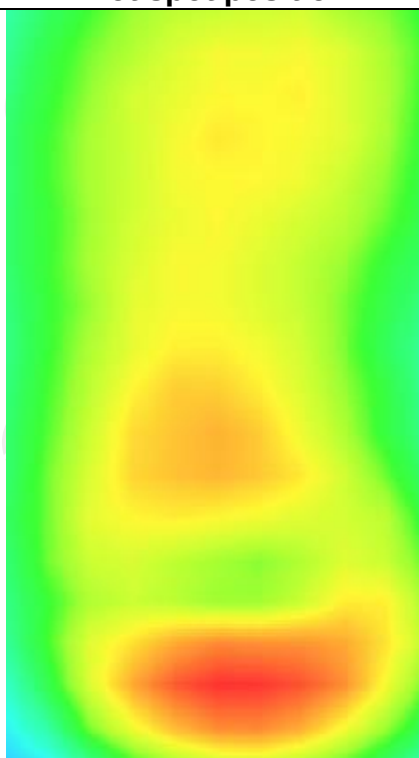
0.135469



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2063	0.1430	0.0887	0.0546	0.0336



Hot spot position



GSM1900

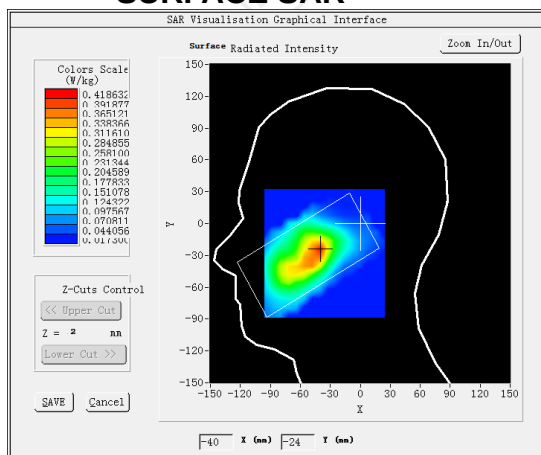
MEASUREMENT 1

High Band SAR (Channel 810):

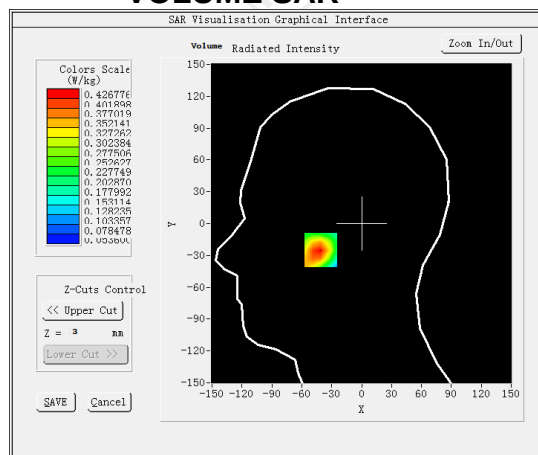
Date: 05/14/2024

Frequency (MHz)	1909.800000
Relative permittivity (real part)	39.076721
Relative permittivity (imaginary part)	12.607061
Conductivity (S/m)	1.367609
Variation (%)	-1.860000
Crest Factor	1.0
Probe Conversion factor	2.23
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>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>GSM1900(voice)</u>

SURFACE SAR



VOLUME SAR



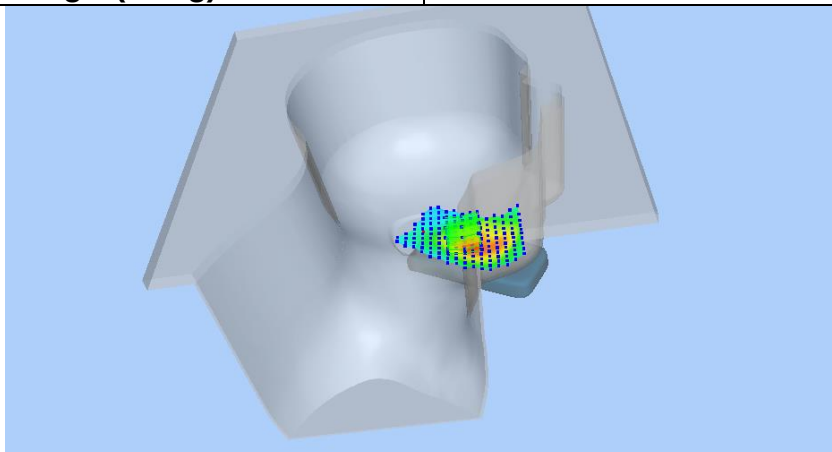
Maximum location: X=-41.00, Y=-35.00 SAR Peak: 0.59W/kg

SAR 10g (W/Kg)

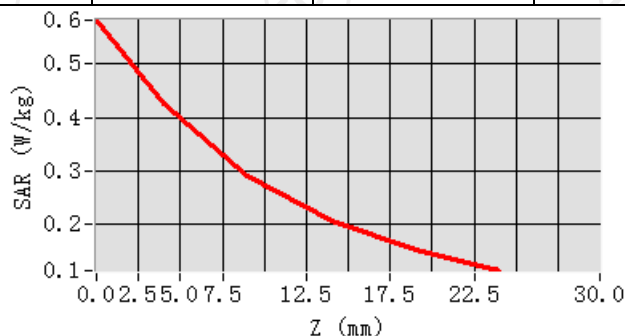
0.241056

SAR 1g (W/Kg)

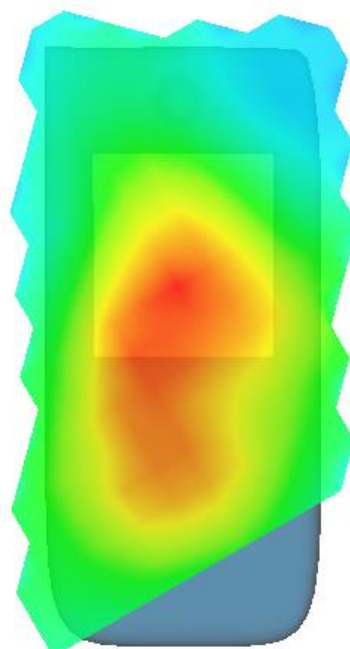
0.351842



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.5810	0.4268	0.2921	0.2063	0.1527



Hot spot position



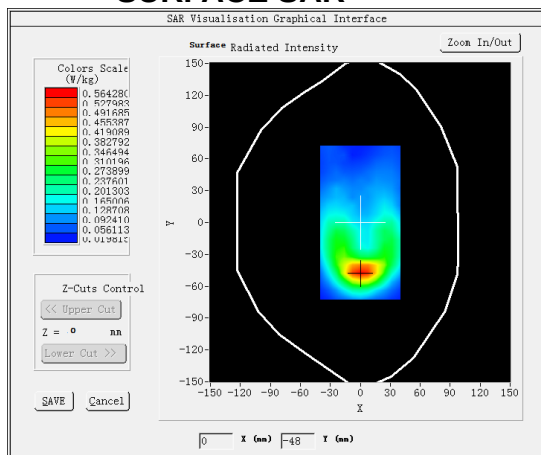
MEASUREMENT 2

High Band SAR (Channel 810):
05/14/2024

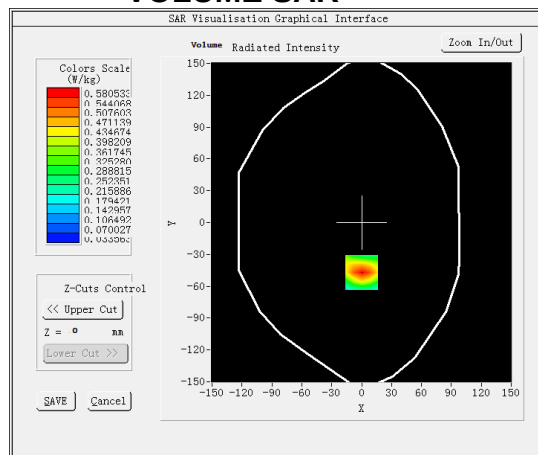
Date:

Frequency (MHz)	1909.800000
Relative permittivity (real part)	39.076721
Relative permittivity (imaginary part)	12.607061
Conductivity (S/m)	1.367609
Variation (%)	1.180000
Crest Factor	1.0
Probe Conversion factor	2.23
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(10mm)</u>
Band	<u>GSM1900(voice)</u>

SURFACE SAR



VOLUME SAR



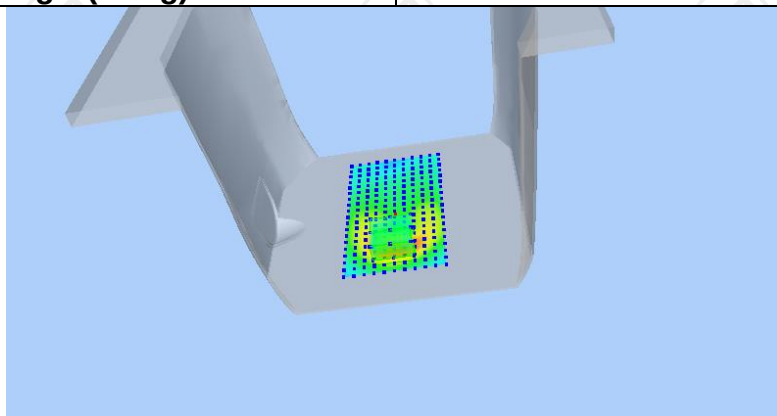
Maximum location: X=0.00, Y=-47.00 SAR Peak: 0.84 W/kg

SAR 10g (W/Kg)

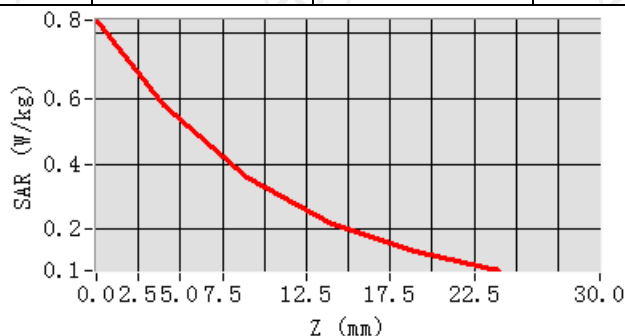
0.337512

SAR 1g (W/Kg)

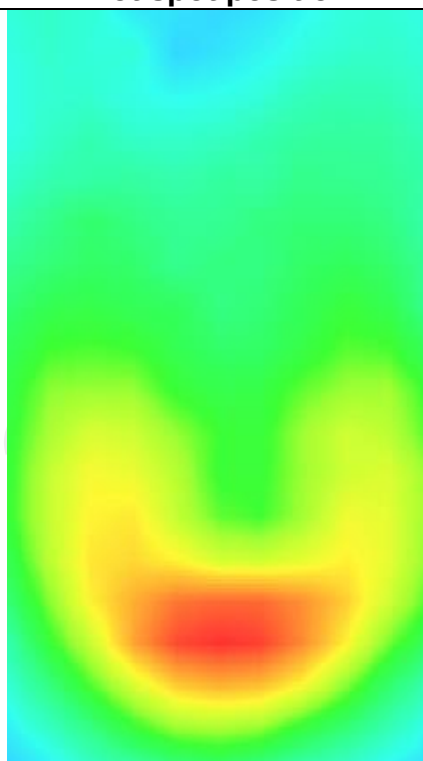
0.519240



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.8414	0.5805	0.3567	0.2159	0.1294



Hot spot position



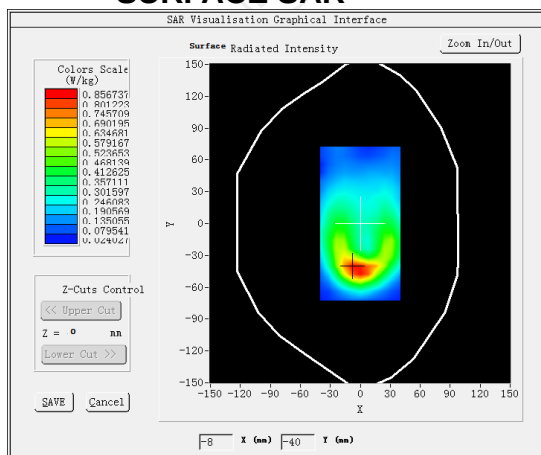
MEASUREMENT 3

High Band SAR (Channel 810):

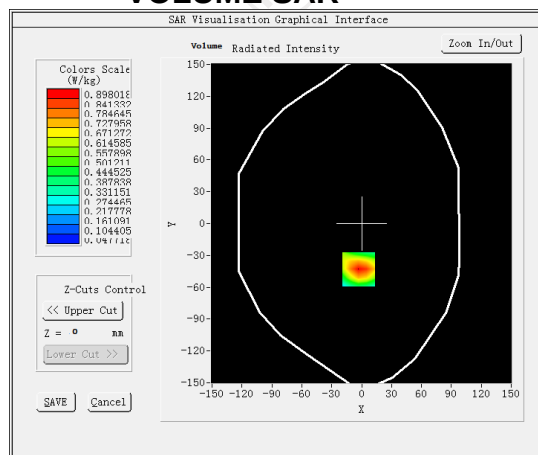
Date: 05/14/2024

Frequency (MHz)	1909.800000
Relative permittivity (real part)	39.076721
Relative permittivity (imaginary part)	12.607061
Conductivity (S/m)	1.367609
Variation (%)	2.920000
Crest Factor	1.0
Probe Conversion factor	2.23
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(10mm)</u>
Band	<u>GSM1900(GPRS 3slot)</u>

SURFACE SAR



VOLUME SAR



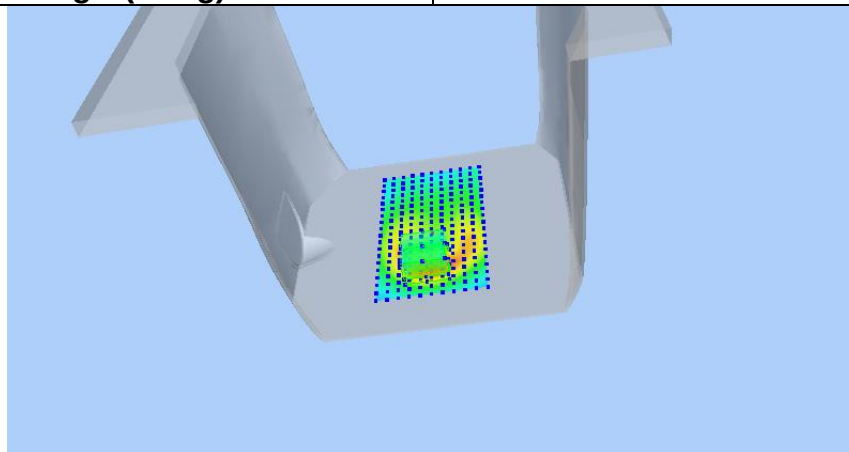
Maximum location: X=-3.00, Y=-43.00 SAR Peak: 1.36 W/kg

SAR 10g (W/Kg)

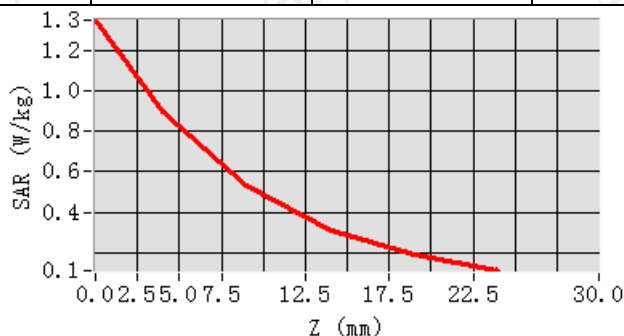
0.581257

SAR 1g (W/Kg)

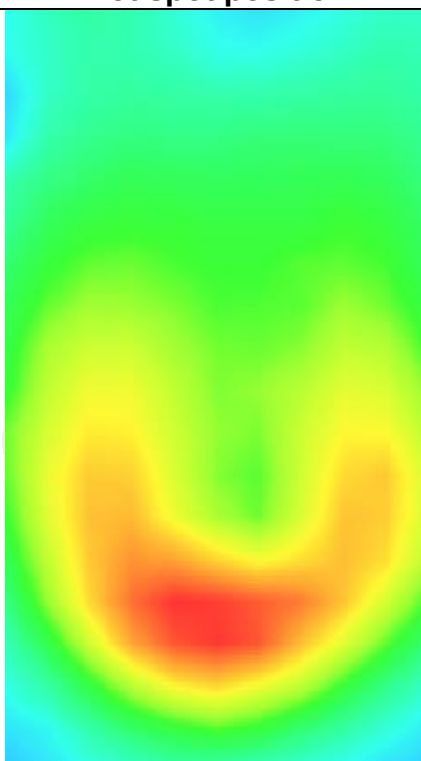
0.750061



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.3494	0.8980	0.5288	0.3119	0.1885



Hot spot position



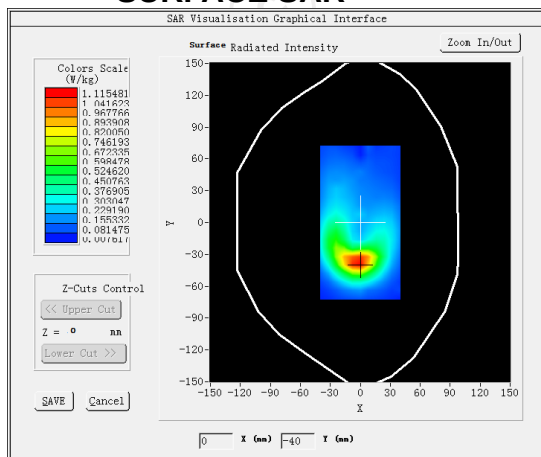
MEASUREMENT 4

High Band SAR (Channel 810):

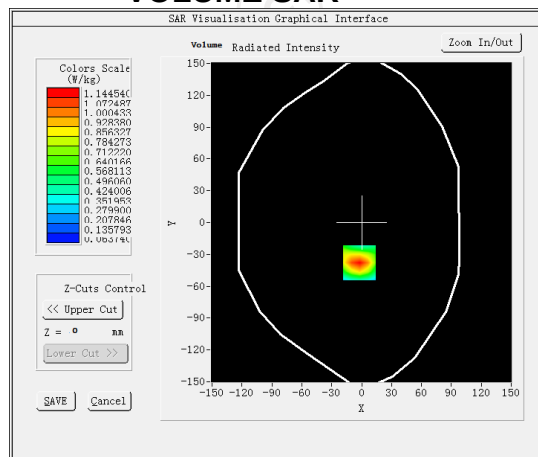
Date: 05/14/2024

Frequency (MHz)	1909.800000
Relative permittivity (real part)	39.076721
Relative permittivity (imaginary part)	12.607061
Conductivity (S/m)	1.367609
Variation (%)	-1.750000
Crest Factor	1.0
Probe Conversion factor	2.23
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(10mm)</u>
Band	<u>GSM1900(GPRS 3slot hotspot)</u>

SURFACE SAR



VOLUME SAR



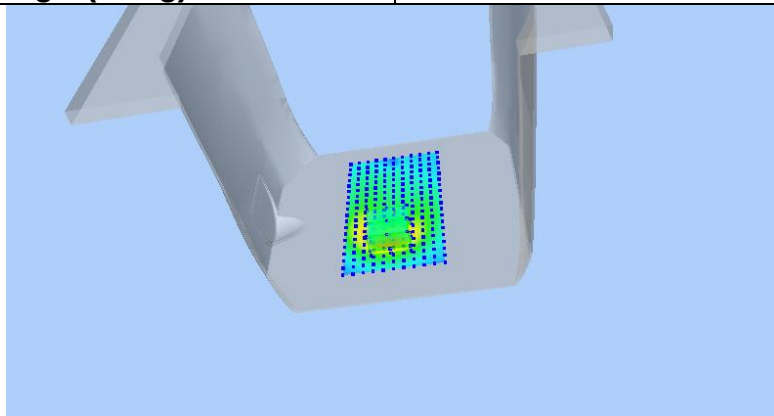
Maximum location: X=-2.00, Y=-38.00 SAR Peak: 1.80 W/kg

SAR 10g (W/Kg)

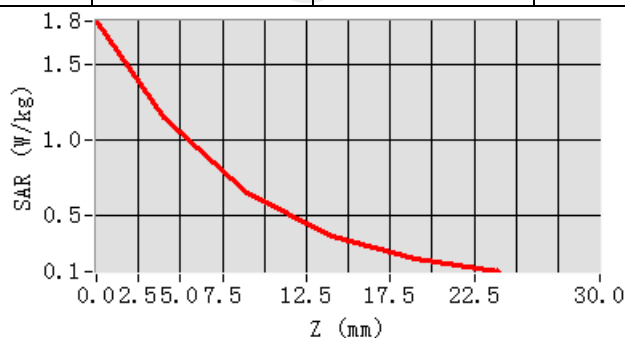
0.626121

SAR 1g (W/Kg)

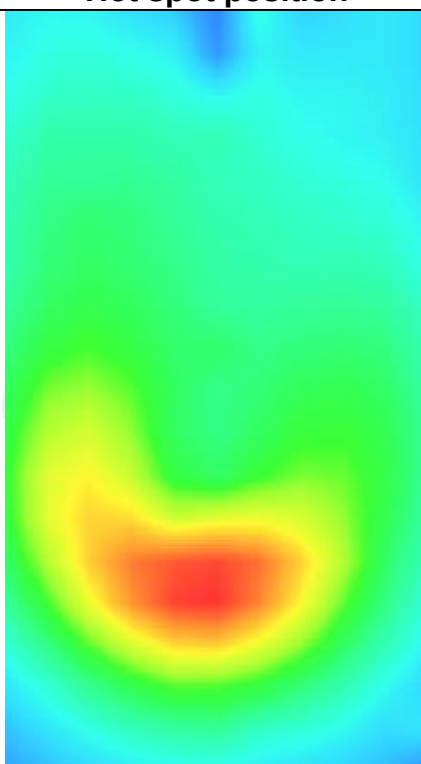
1.021560



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.7861	1.1445	0.6398	0.3597	0.2111



Hot spot position



WCDMA Band II

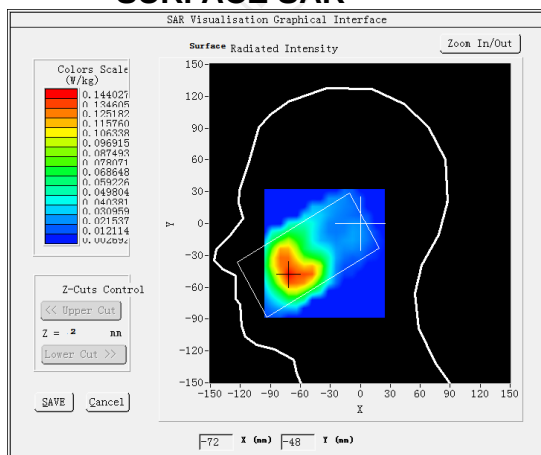
MEASUREMENT 1

Middle Band SAR (Channel 9400):

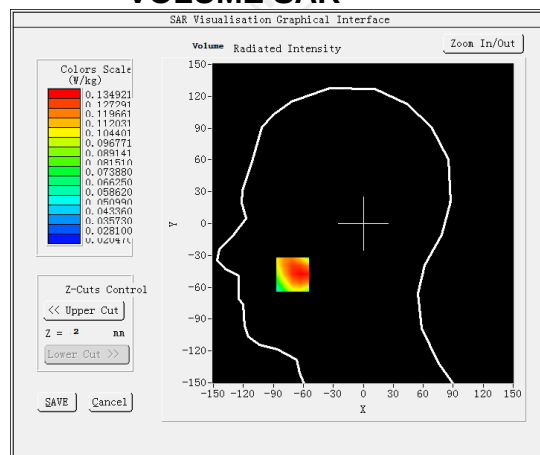
Date: 05/14/2024

Frequency (MHz)	1880.000000
Relative permittivity (real part)	40.000000
Relative permittivity (imaginary part)	13.408000
Conductivity (S/m)	1.400391
Variation (%)	2.480000
Crest Factor	1.0
Probe Conversion factor	2.23
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>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>BAND2_WCDMA1900</u>

SURFACE SAR



VOLUME SAR



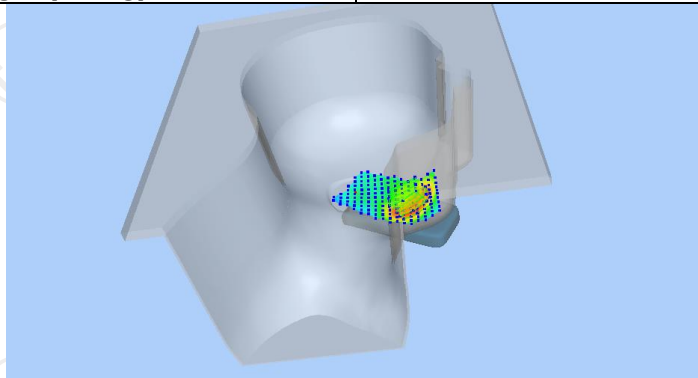
Maximum location: X=-71.00, Y=-48.00 SAR Peak: 0.24 W/kg

SAR 10g (W/Kg)

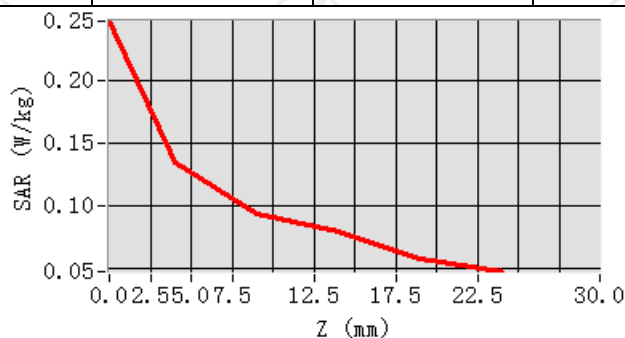
0.070247

SAR 1g (W/Kg)

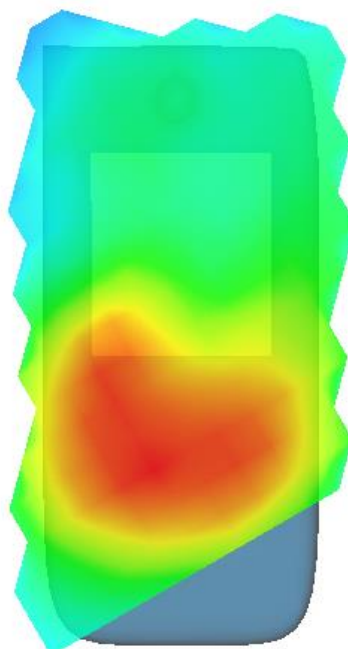
0.150962



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2481	0.1353	0.0924	0.0796	0.0571



Hot spot position



MEASUREMENT 2

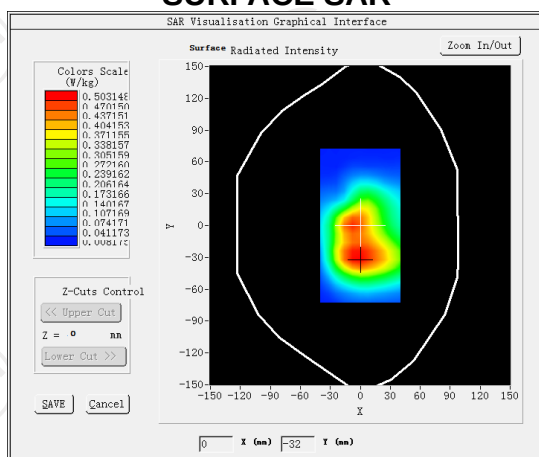
Middle Band SAR (Channel 9400):

Date: 05/14/2024

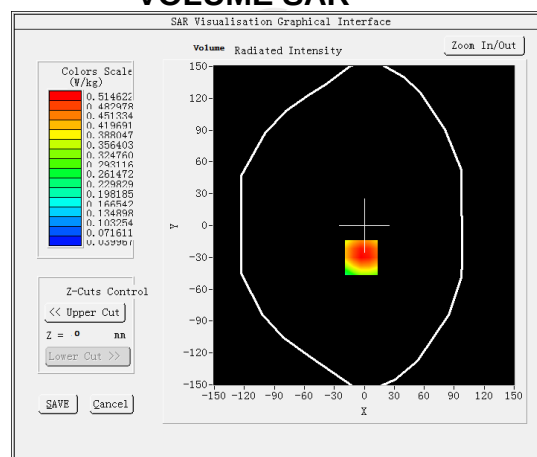
Frequency (MHz)	1880.000000
Relative permittivity (real part)	40.000000
Relative permittivity (imaginary part)	13.408000
Conductivity (S/m)	1.400391
Variation (%)	0.160000
Crest Factor	1.0
Probe Conversion factor	2.23
E-Field Probe:	SSE2 (SN 25/22 EPGO375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<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>BAND2 WCDMA1900</u>

SURFACE SAR



VOLUME SAR



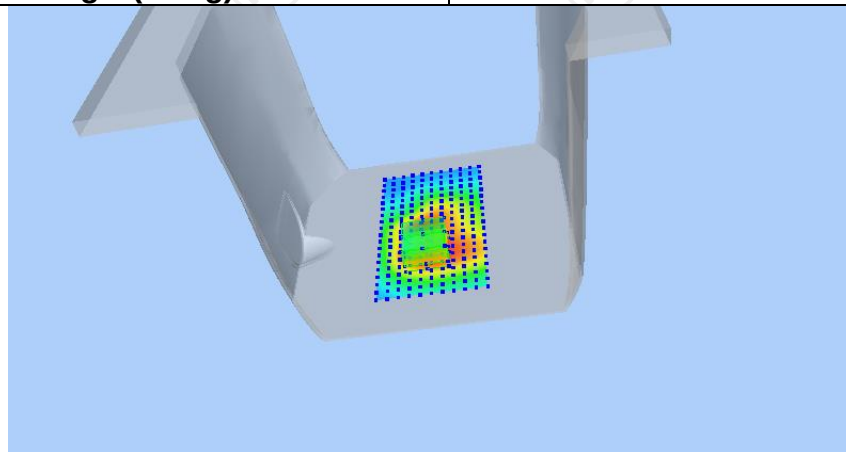
Maximum location: X=-3.00, Y=-30.00 SAR Peak: 0.75 W/kg

SAR 10g (W/Kg)

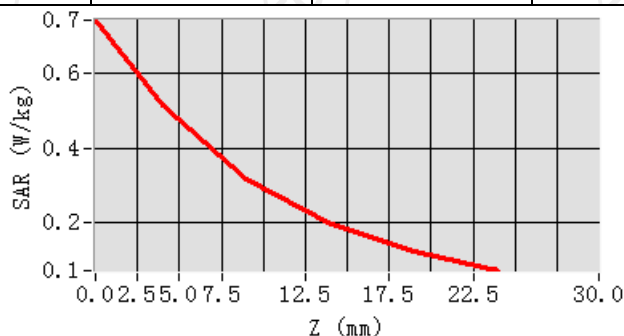
0.254162

SAR 1g (W/Kg)

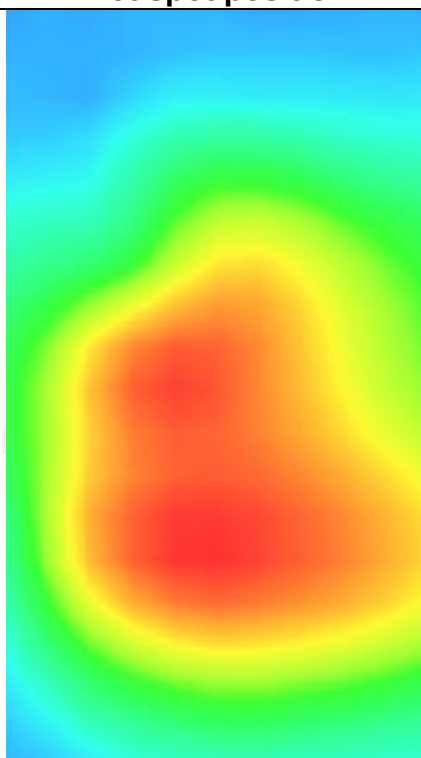
0.490214



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.7411	0.5204	0.3207	0.1993	0.1236



Hot spot position



MEASUREMENT 3

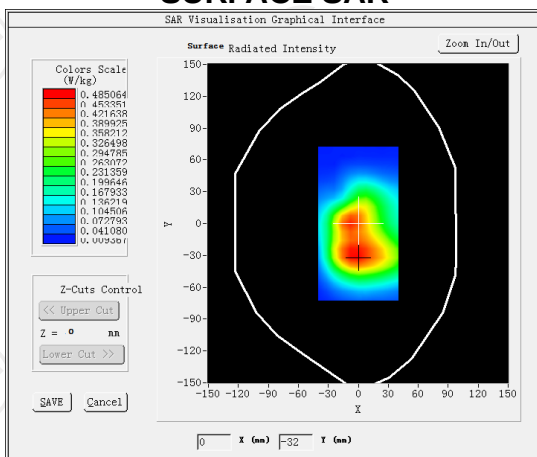
Middle Band SAR (Channel 9400):

Date: 05/14/2024

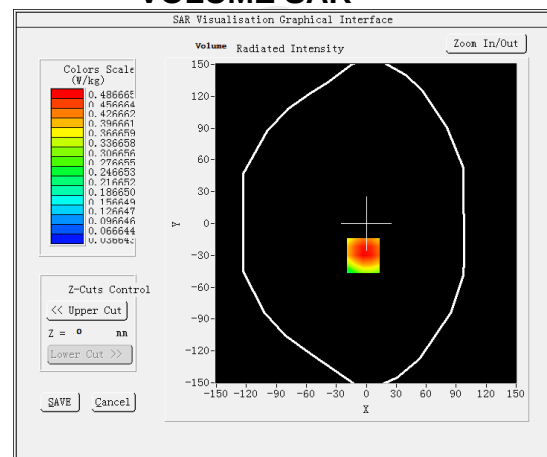
Frequency (MHz)	1880.000000
Relative permittivity (real part)	40.000000
Relative permittivity (imaginary part)	13.408000
Conductivity (S/m)	1.400391
Variation (%)	1.960000
Crest Factor	1.0
Probe Conversion factor	2.23
E-Field Probe:	SSE2 (SN 25/22 EPGO375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<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>BAND2 WCDMA1900(hotspot)</u>

SURFACE SAR

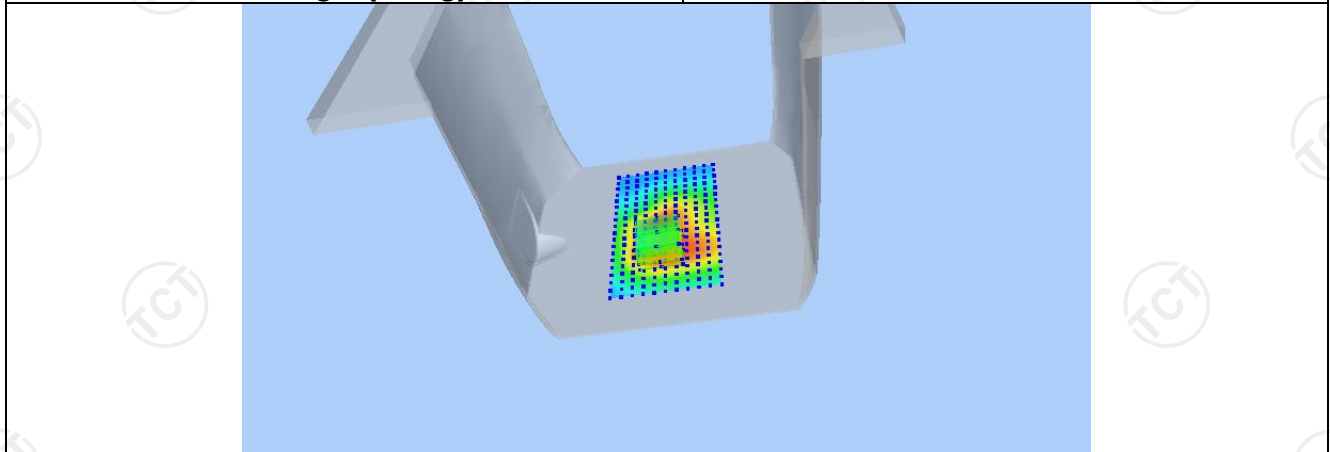


VOLUME SAR

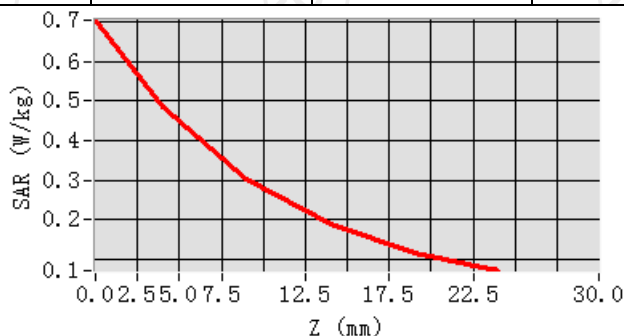


Maximum location: X=-3.00, Y=-30.00 SAR Peak 0.71 W/kg

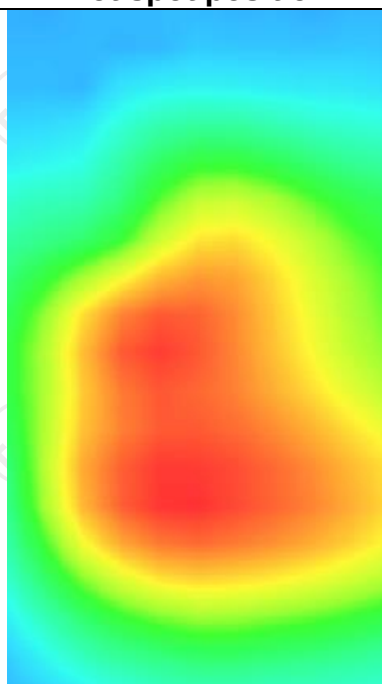
SAR 10g (W/Kg)	0.230127
SAR 1g (W/Kg)	0.447842



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.7036	0.4867	0.3023	0.1879	0.1185



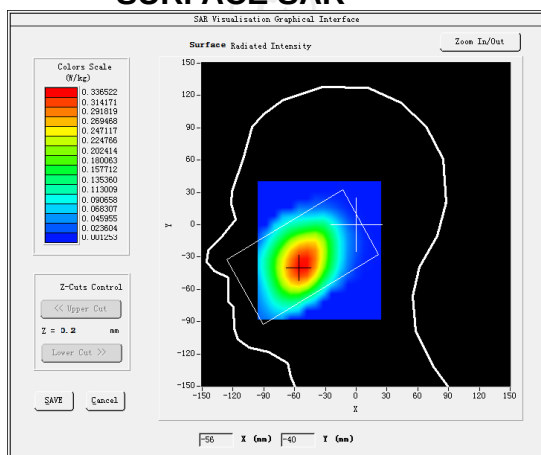
Hot spot position



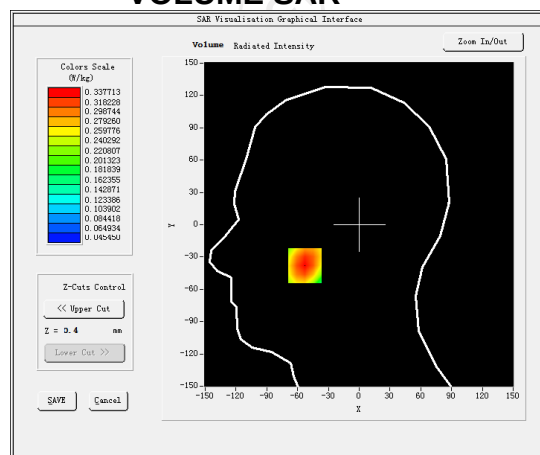
WCDMA Band V MEASUREMENT 1

Middle Band SAR (Channel 4182):		Date: 05/09/2024
Frequency (MHz)	836.400000	
Relative permittivity (real part)	41.500000	
Relative permittivity (imaginary part)	19.400000	
Conductivity (S/m)	0.901453	
Variation (%)	-0.190000	
Crest Factor:	1.0	
Probe Conversion factor	1.80	
E-Field Probe:	SSE2 (SN 25/22 EPG0375)	
Area Scan	dx=8mm dy=8mm, h= 5.00 mm	
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm	
Phantom	Left head	
Device Position	Cheek	
Band	BAND5 WCDMA850	

SURFACE SAR



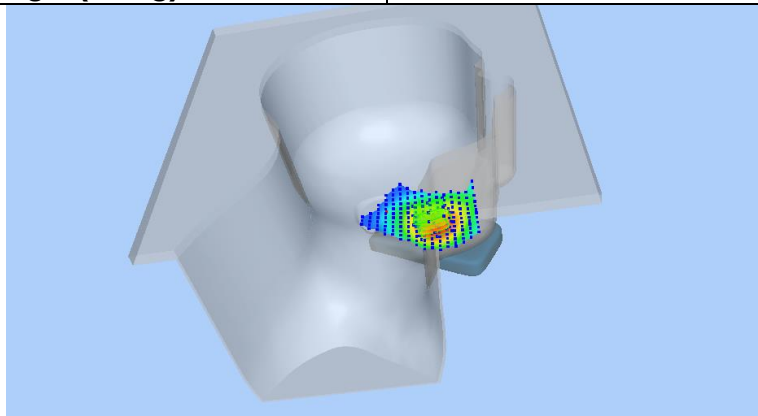
VOLUME SAR



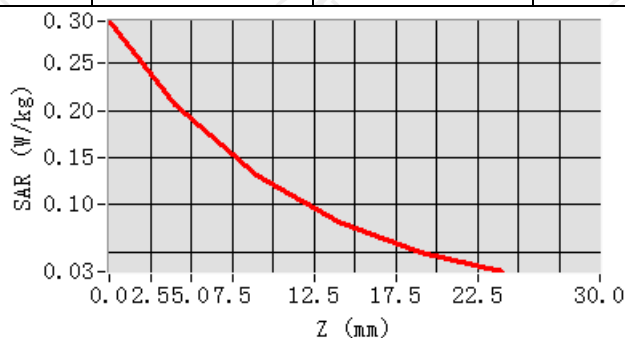
Maximum location: X=-53.00, Y=-38.00 SAR Peak: 0.31 W/kg

SAR 10g (W/Kg) 0.121593

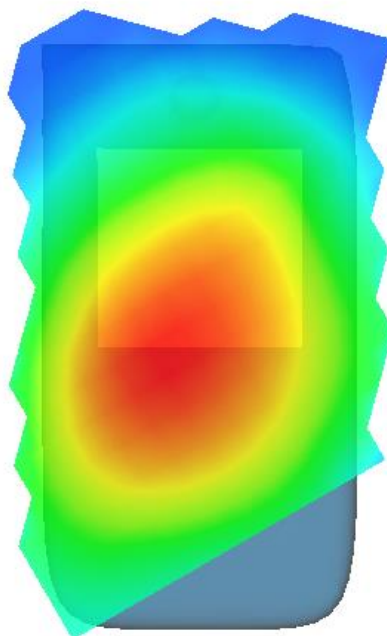
SAR 1g (W/Kg) 0.194221



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2950	0.2071	0.1304	0.0811	0.0500



Hot spot position



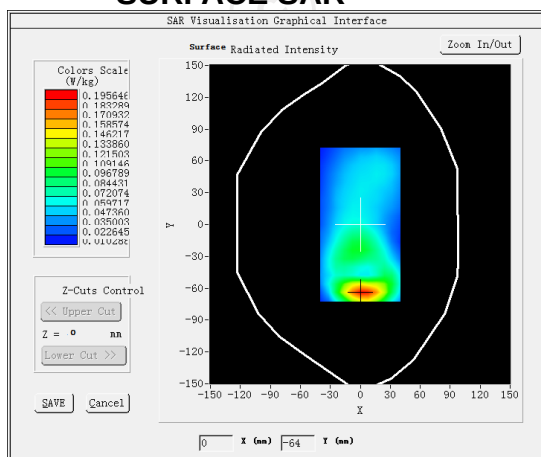
MEASUREMENT 2

Middle Band SAR (Channel 4182):

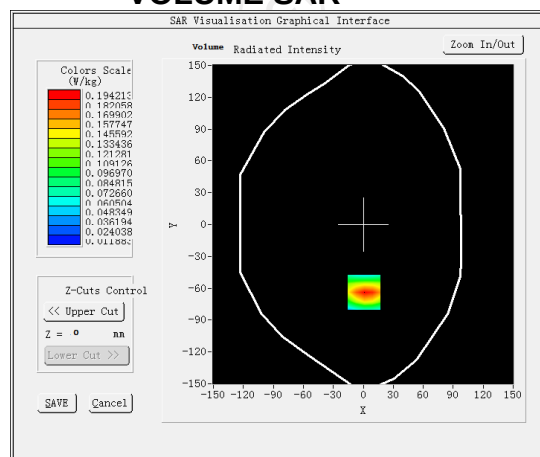
Date: 05/09/2024

Frequency (MHz)	836.400000
Relative permittivity (real part)	41.500000
Relative permittivity (imaginary part)	19.400000
Conductivity (S/m)	0.901453
Variation (%)	0.960000
Crest Factor:	1.0
Probe Conversion factor	1.80
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(10mm)</u>
Band	<u>BAND5 WCDMA850</u>

SURFACE SAR



VOLUME SAR



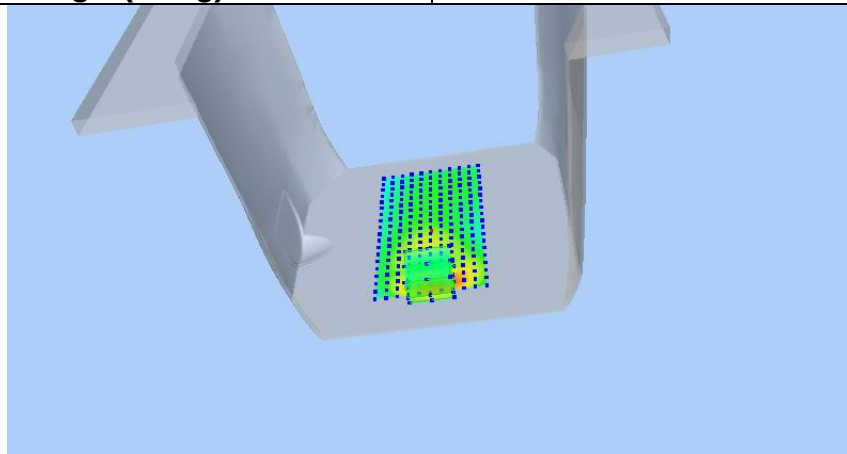
Maximum location: X=1.00, Y=-64.00 SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)

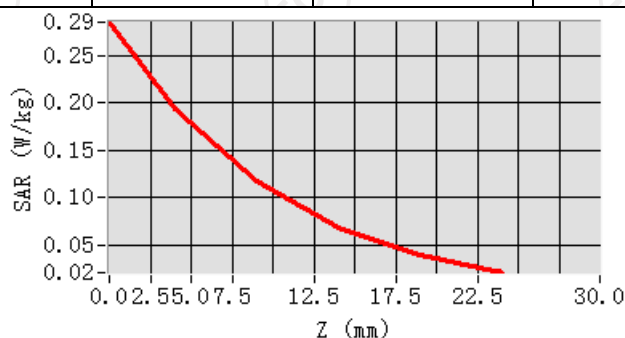
0.118976

SAR 1g (W/Kg)

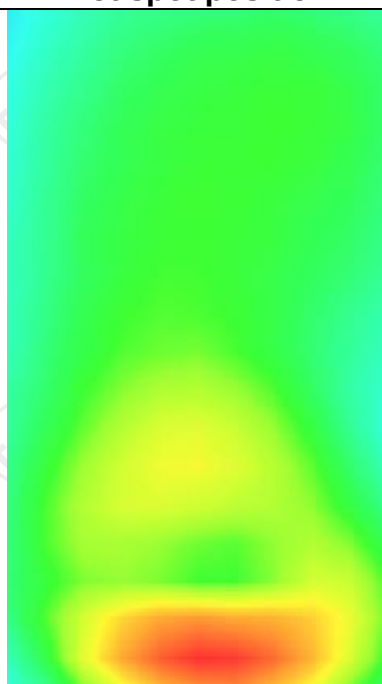
0.180872



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2851	0.1937	0.1176	0.0710	0.0426



Hot spot position



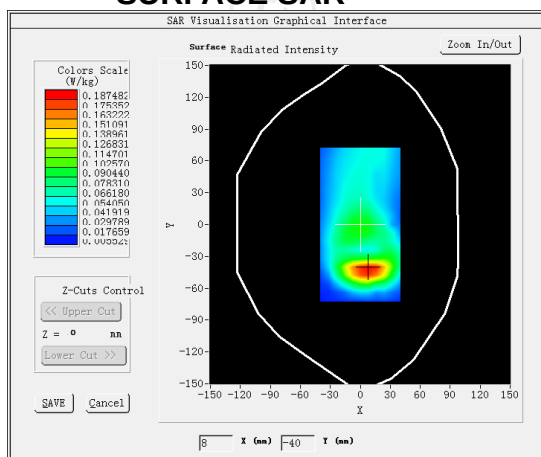
MEASUREMENT 3

Middle Band SAR (Channel 4182):

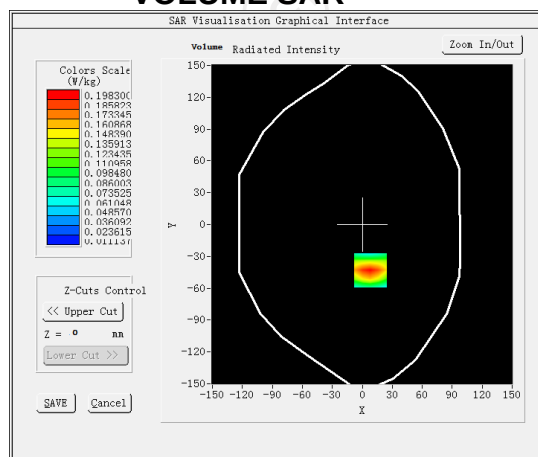
Date: 05/09/2024

Frequency (MHz)	836.400000
Relative permittivity (real part)	41.500000
Relative permittivity (imaginary part)	19.400000
Conductivity (S/m)	0.901453
Variation (%)	-1.860000
Crest Factor:	1.0
Probe Conversion factor	1.80
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(10mm)</u>
Band	<u>BAND5 WCDMA850(hotspot)</u>

SURFACE SAR

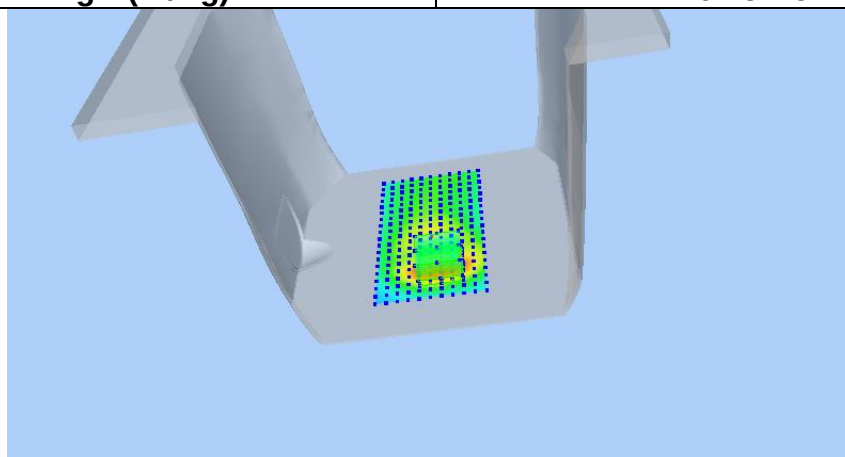


VOLUME SAR

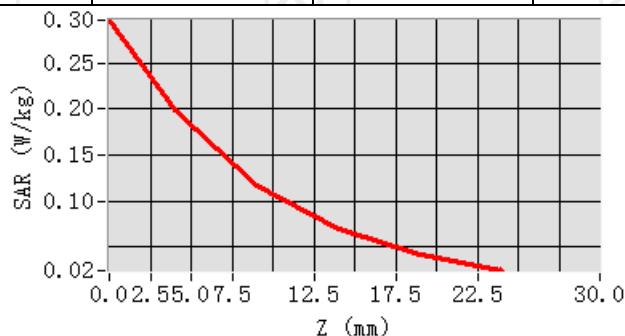


Maximum location: X=8.00, Y=-43.00 SAR Peak: 0.30 W/kg

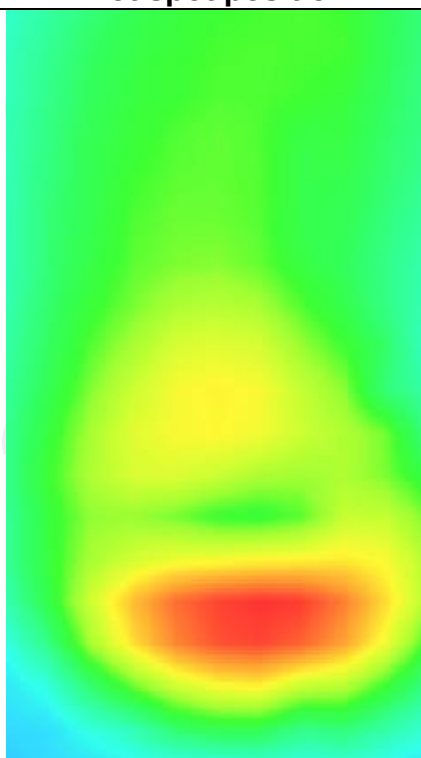
SAR 10g (W/Kg)	0.126804
SAR 1g (W/Kg)	0.181157



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2970	0.1983	0.1171	0.0691	0.0416



Hot spot position



LTE Band 2

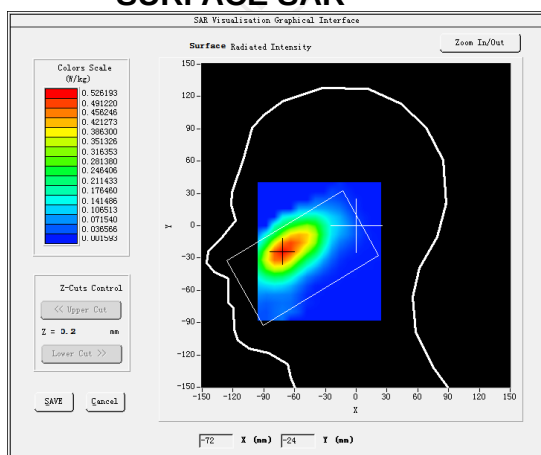
MEASUREMENT 1

Low Band SAR (Channel 18700):

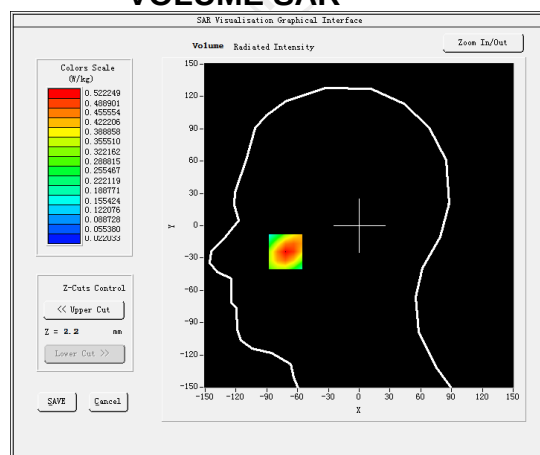
Date: 05/14/2024

Frequency (MHz)	1860.000000
Relative permittivity (real part)	40.000000
Relative permittivity (imaginary part)	13.411700
Conductivity (S/m)	1.400405
Variation (%)	1.890000
Crest Factor	1.0
Probe Conversion factor	2.23
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>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>LTE band 2 (1 RB#0)</u>

SURFACE SAR

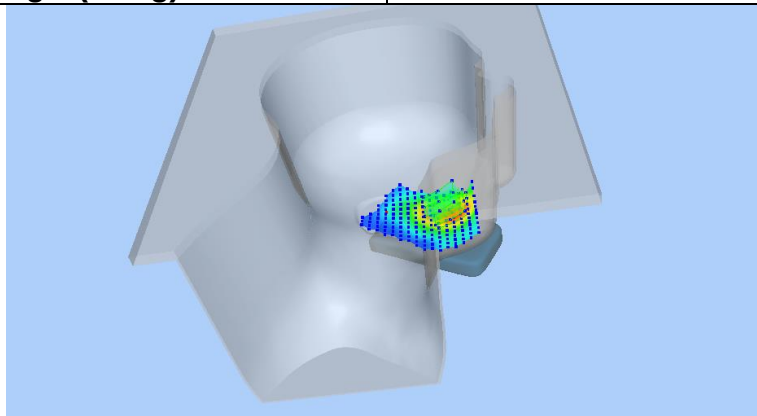


VOLUME SAR

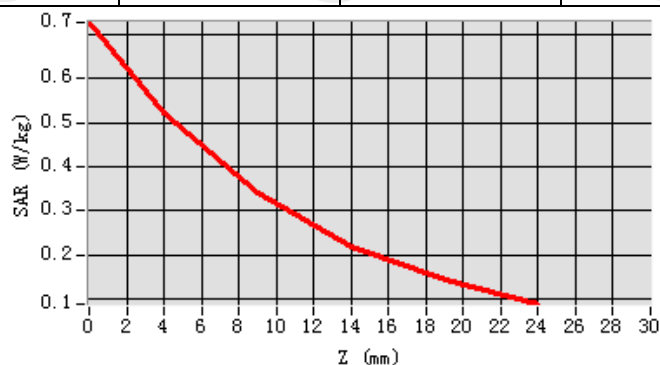


Maximum location: X=-22.00, Y=-21.00 SAR Peak: 0.60 W/kg

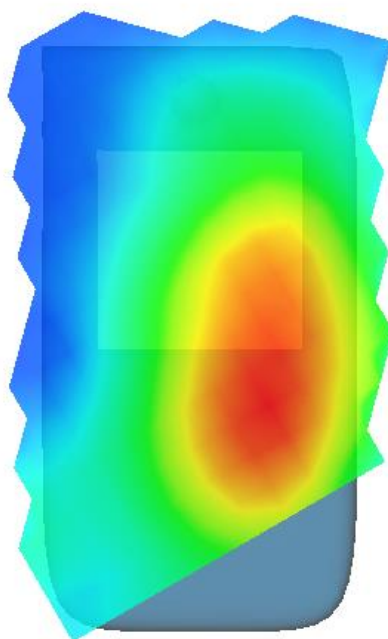
SAR 10g (W/Kg)	0.243197
SAR 1g (W/Kg)	0.362846



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.6282	0.4222	0.3397	0.2201	0.1424



Hot spot position



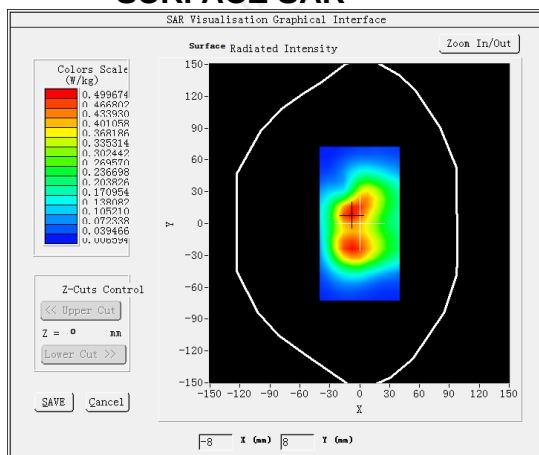
MEASUREMENT 2

Low Band SAR (Channel 18700):

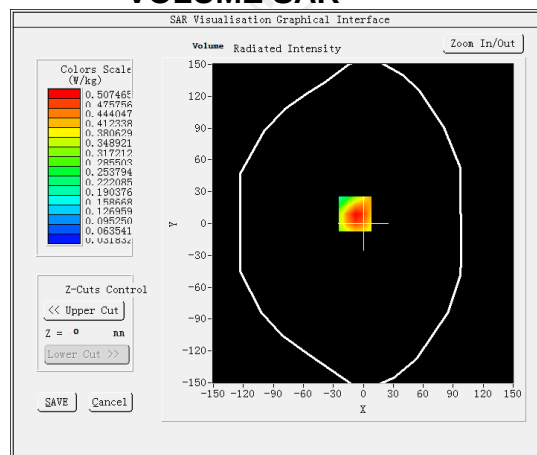
Date: 05/14/2024

Frequency (MHz)	1860.000000
Relative permittivity (real part)	40.000000
Relative permittivity (imaginary part)	13.411700
Conductivity (S/m)	1.400405
Variation (%)	0.820000
Crest Factor	1.0
Probe Conversion factor	2.23
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(10mm)</u>
Band	<u>LTE band 2 (1 RB#0)</u>

SURFACE SAR



VOLUME SAR



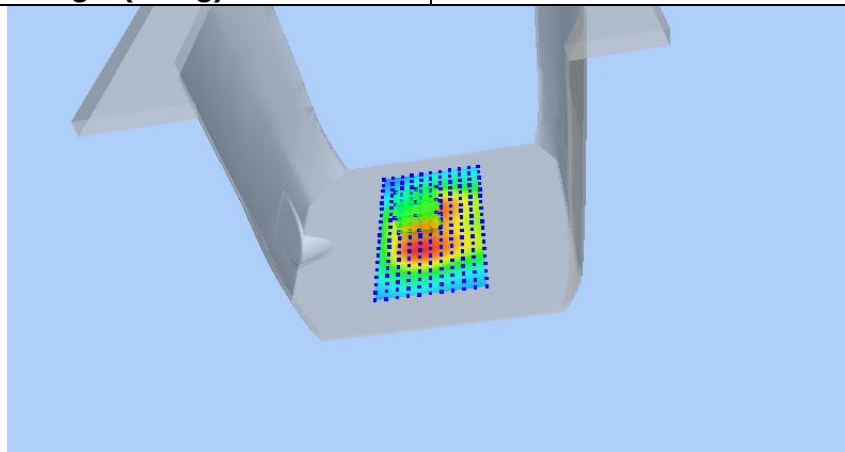
Maximum location: X=-8.00, Y=9.00 SAR Peak: 0.73 W/kg

SAR 10g (W/Kg)

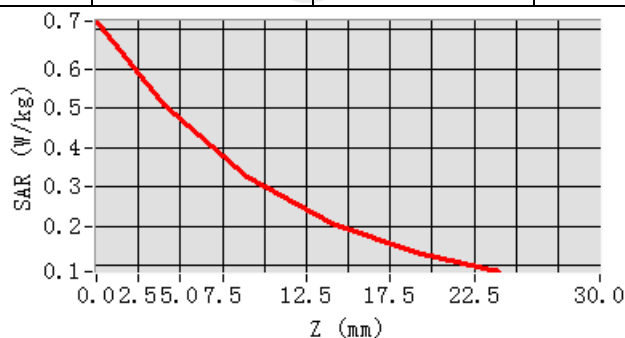
0.292051

SAR 1g (W/Kg)

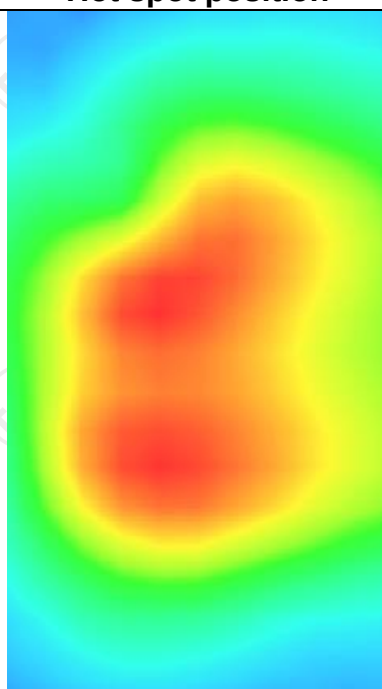
0.440814



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.7211	0.5075	0.3230	0.2062	0.1336



Hot spot position



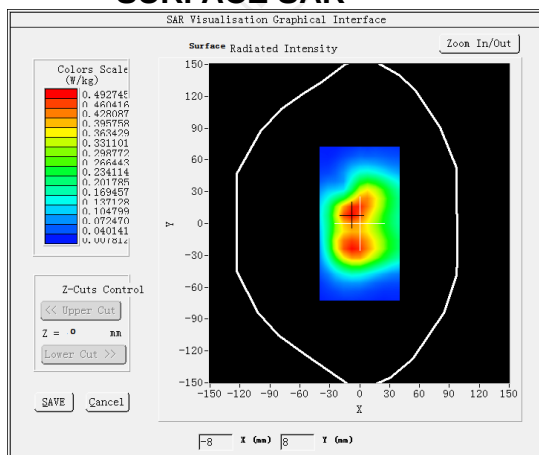
MEASUREMENT 3

Low Band SAR (Channel 18700):

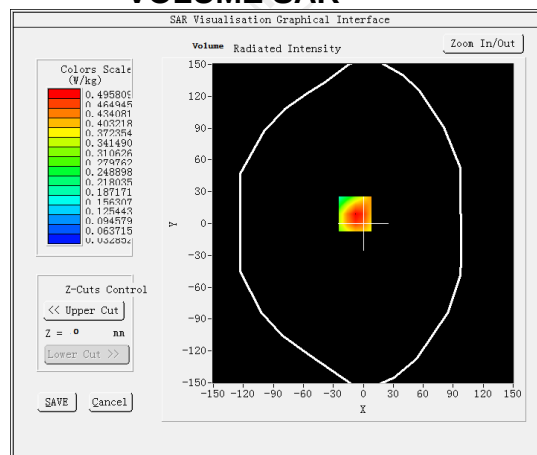
Date: 05/14/2024

Frequency (MHz)	1860.000000
Relative permittivity (real part)	40.000000
Relative permittivity (imaginary part)	13.411700
Conductivity (S/m)	1.400405
Variation (%)	1.860000
Crest Factor	1.0
Probe Conversion factor	2.23
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 2 (1 RB#0)</u>

SURFACE SAR

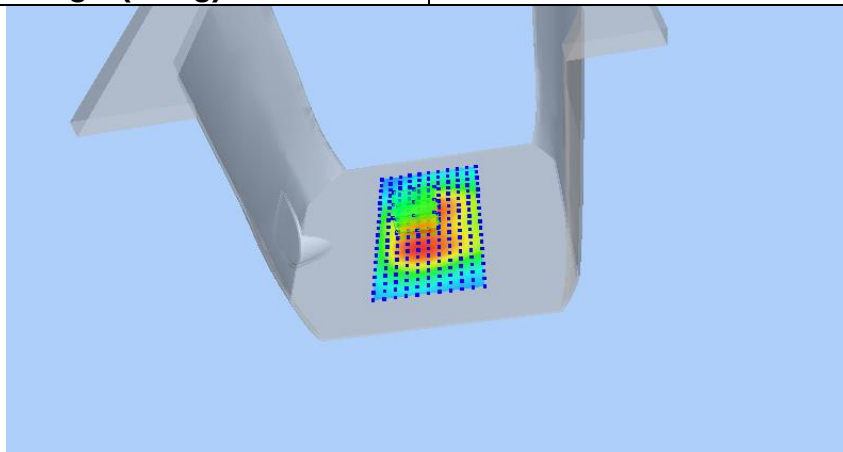


VOLUME SAR

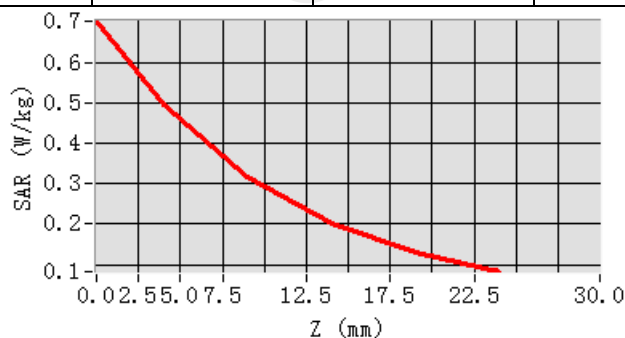


Maximum location: X=-8.00, Y=9.00 SAR Peak: 0.71 W/kg

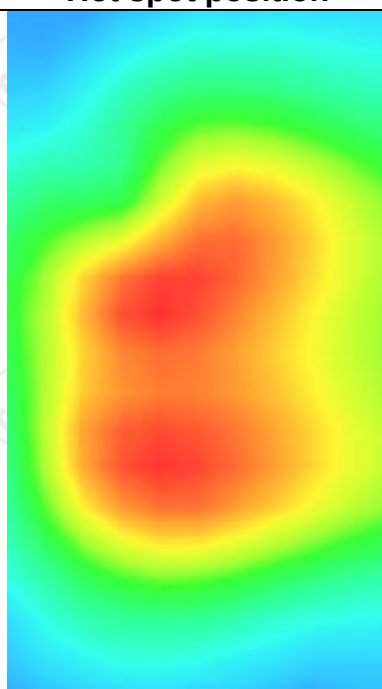
SAR 10g (W/Kg)	0.286184
SAR 1g (W/Kg)	0.428413



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.7016	0.4958	0.3172	0.2033	0.1318



Hot spot position



LTE Band 4

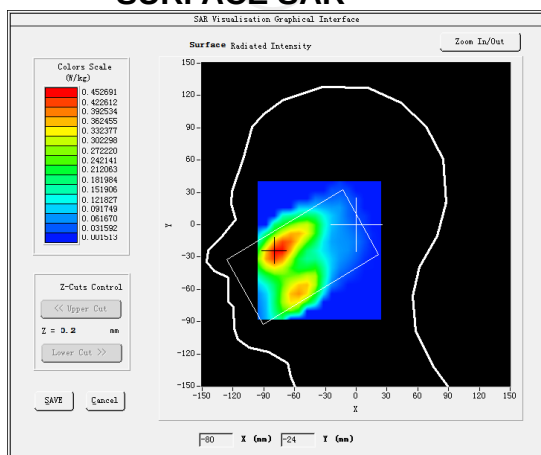
MEASUREMENT 1

Middle Band SAR (Channel 20175):

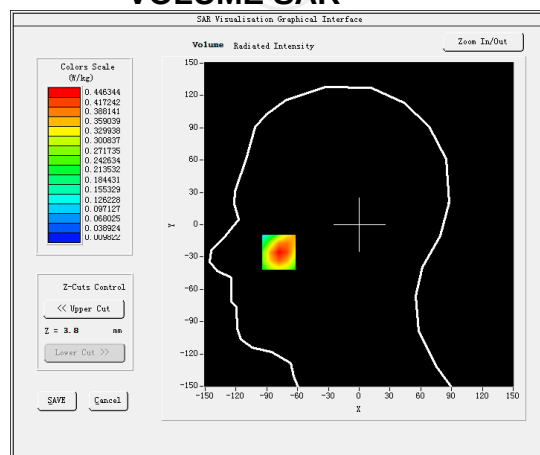
Date: 05/13/2024

Frequency (MHz)	1732.500000
Relative permittivity (real part)	40.115910
Relative permittivity (imaginary part)	14.136136
Conductivity (S/m)	1.360603
Variation (%)	1.570000
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>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>LTE band 4(1 RB#0)</u>

SURFACE SAR



VOLUME SAR



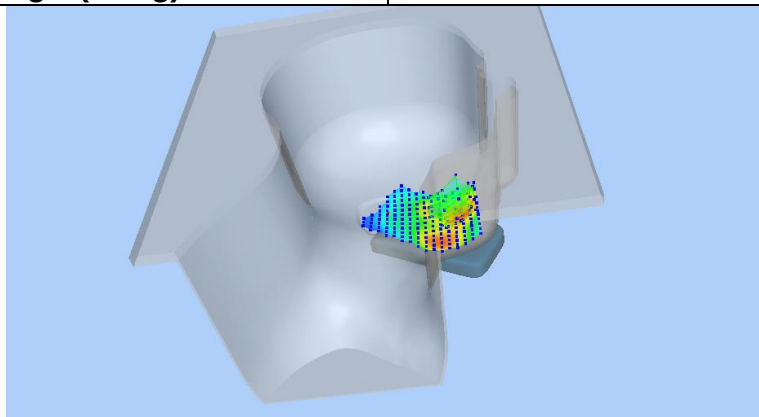
Maximum location: X=-67.00, Y=-15.00 SAR Peak: 0.51 W/kg

SAR 10g (W/Kg)

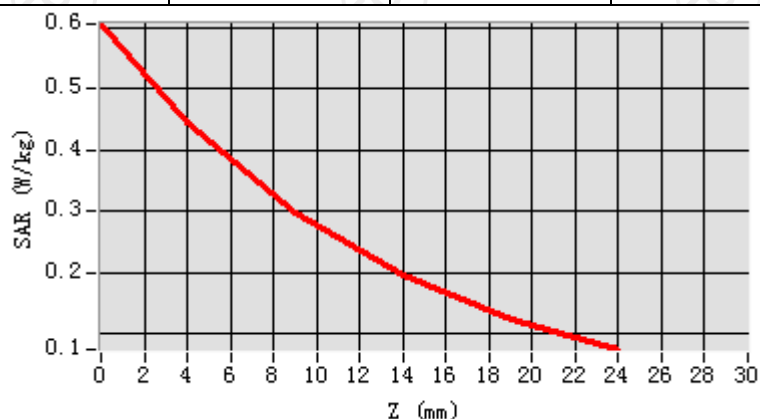
0.200331

SAR 1g (W/Kg)

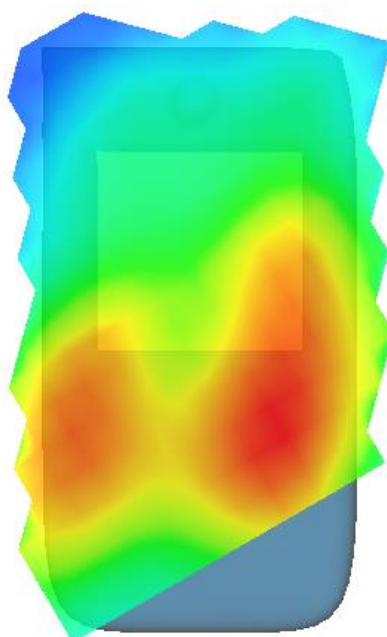
0.305715



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.6064	0.4440	0.2912	0.1923	0.1315



Hot spot position



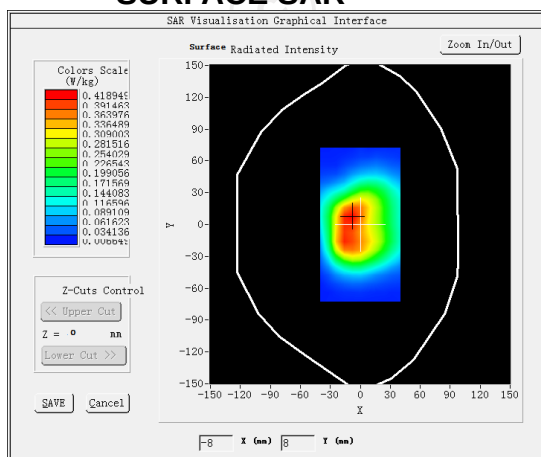
MEASUREMENT 2

Middle Band SAR (Channel 20175):

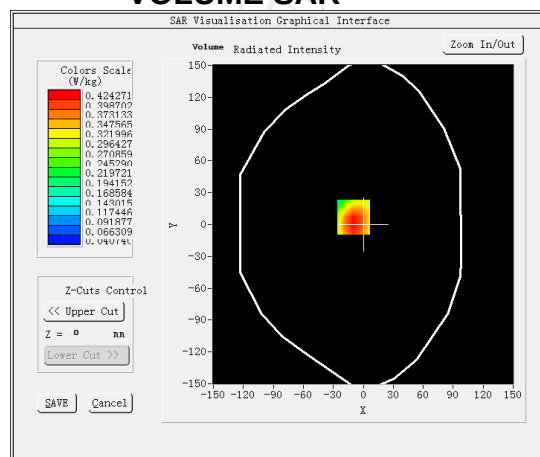
Date: 05/13/2024

Frequency (MHz)	1732.500000
Relative permittivity (real part)	40.115910
Relative permittivity (imaginary part)	14.136136
Conductivity (S/m)	1.360603
Variation (%)	0.760000
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(10mm)</u>
Band	<u>LTE band 4(1 RB#0)</u>

SURFACE SAR



VOLUME SAR



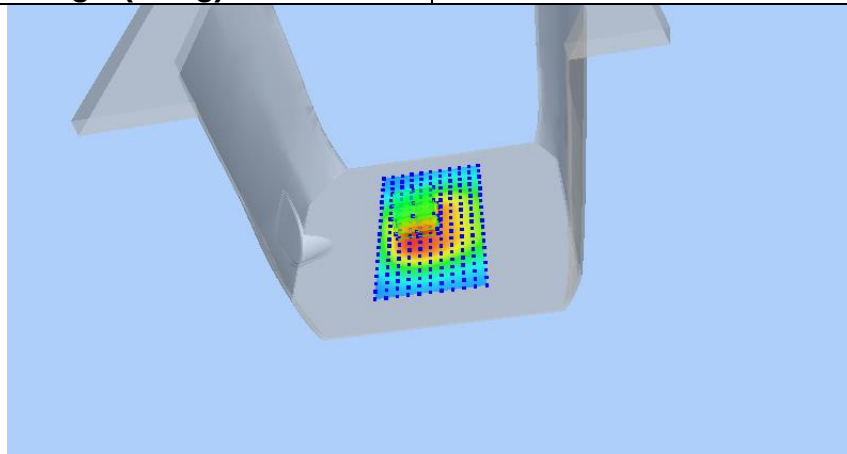
Maximum location: X=-10.00, Y=7.00 SAR Peak: 0.61 W/kg

SAR 10g (W/Kg)

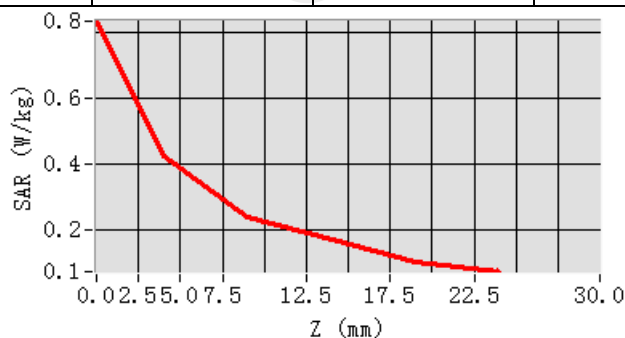
0.209541

SAR 1g (W/Kg)

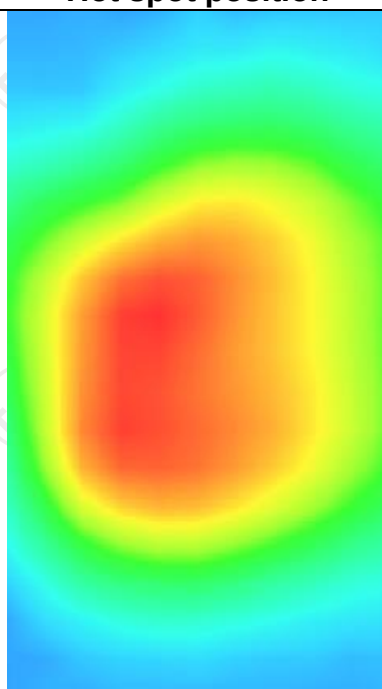
0.387301



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.8348	0.4243	0.2386	0.1714	0.1047



Hot spot position



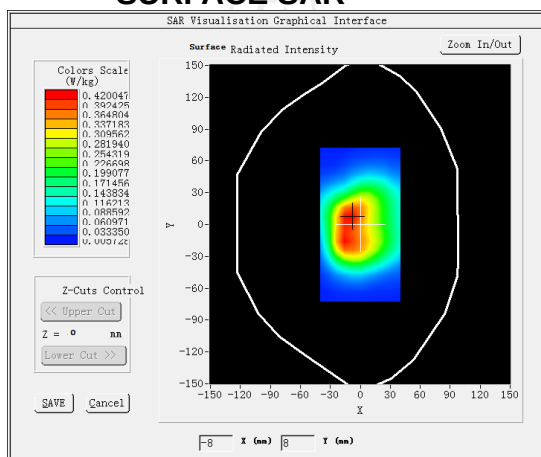
MEASUREMENT 3

Middle Band SAR (Channel 20175):

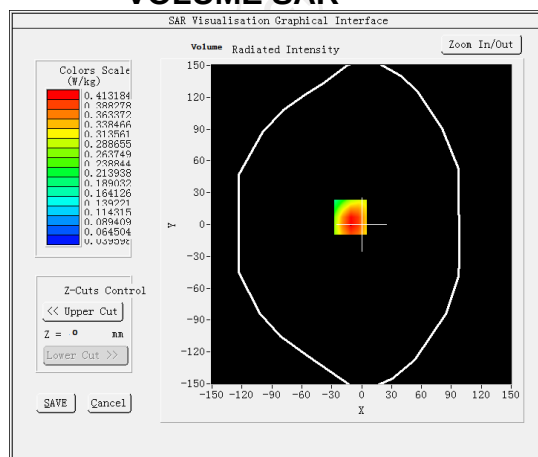
Date: 05/13/2024

Frequency (MHz)	1732.500000
Relative permittivity (real part)	40.115910
Relative permittivity (imaginary part)	14.136136
Conductivity (S/m)	1.360603
Variation (%)	3.890000
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 back(hotspot 10mm)</u>
Band	<u>LTE band 4(1 RB#0)</u>

SURFACE SAR



VOLUME SAR



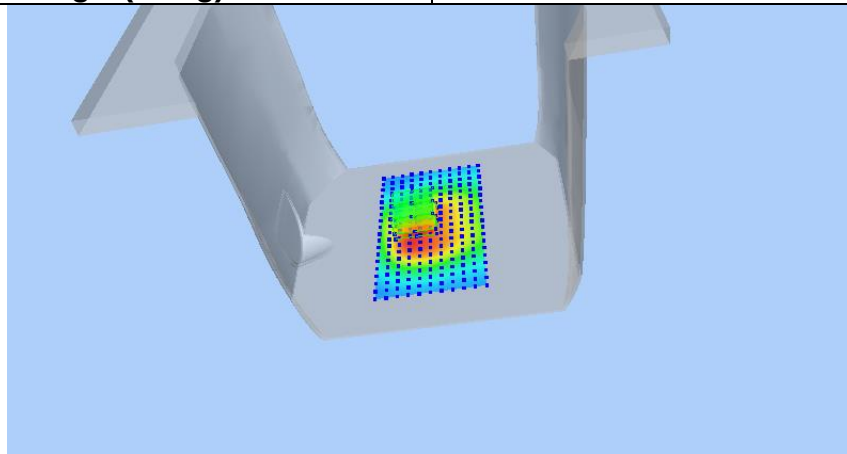
Maximum location: X=-11.00, Y=7.00 SAR Peak: 0.59 W/kg

SAR 10g (W/Kg)

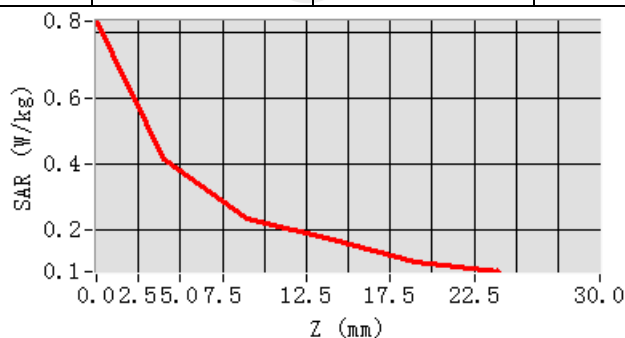
0.224371

SAR 1g (W/Kg)

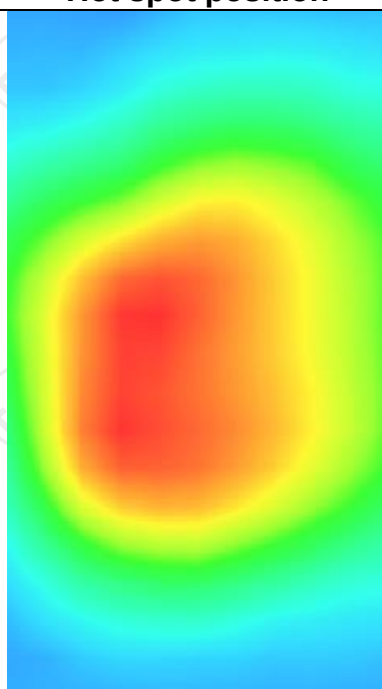
0.371205



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.8360	0.4132	0.2322	0.1706	0.1030



Hot spot position



LTE Band 5

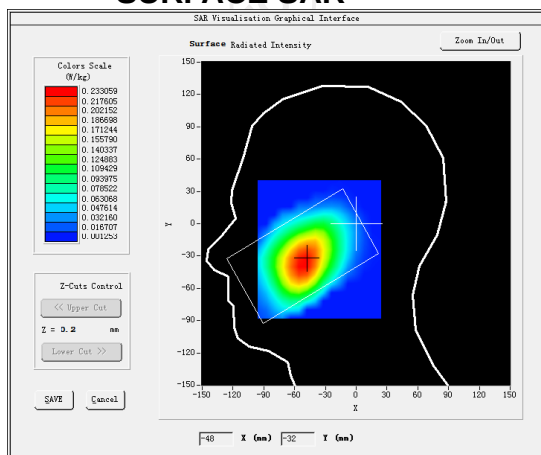
MEASUREMENT 1

High Band SAR (Channel 20600):

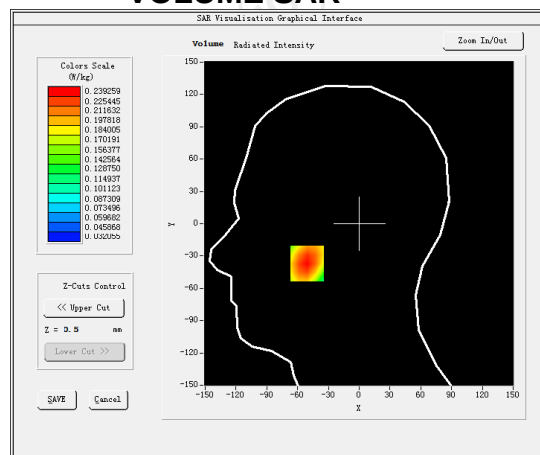
Date: 05/09/2024

Frequency (MHz)	844.000000
Relative permittivity (real part)	41.500000
Relative permittivity (imaginary part)	19.400000
Conductivity (S/m)	0.901561
Variation (%)	1.820000
Crest Factor	1.0
Probe Conversion factor	1.80
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>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>LTE band 5(1 RB#0)</u>

SURFACE SAR



VOLUME SAR



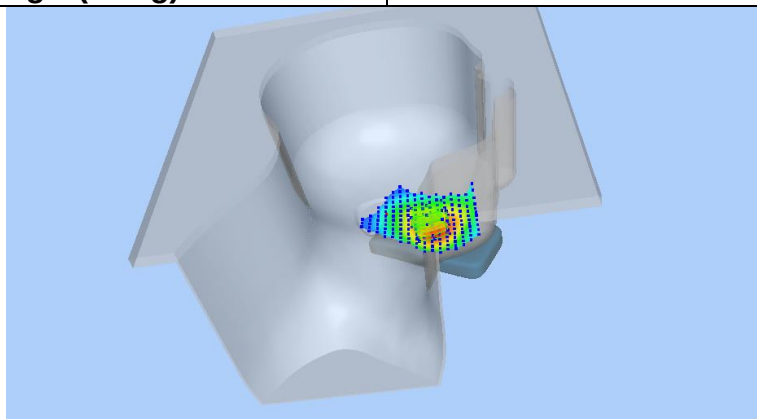
Maximum location: X=-51.00, Y=-37.00 SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)

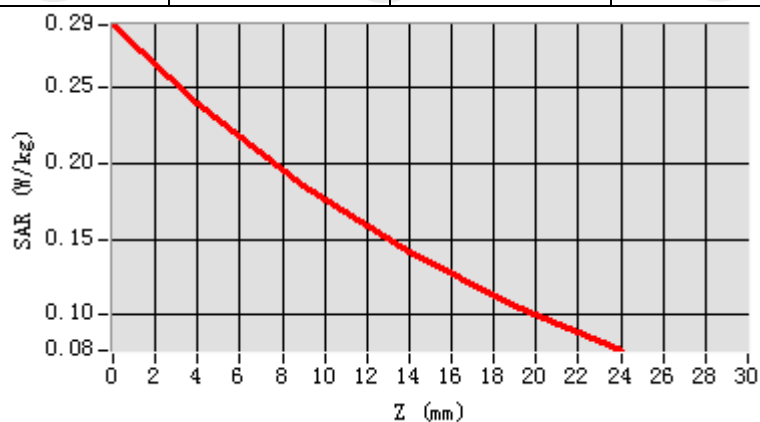
0.113267

SAR 1g (W/Kg)

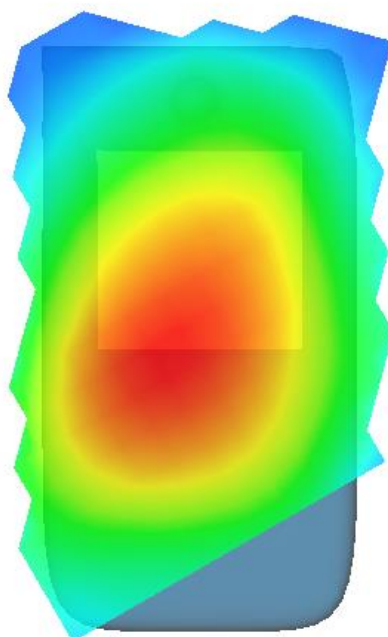
0.182116



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2913	0.2393	0.1850	0.1411	0.1058



Hot spot position



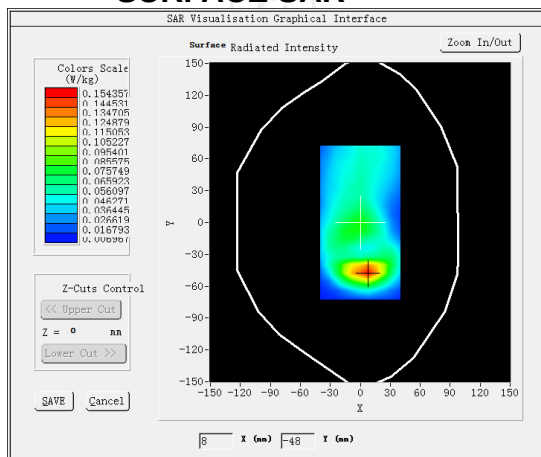
MEASUREMENT 2

High Band SAR (Channel 20600):

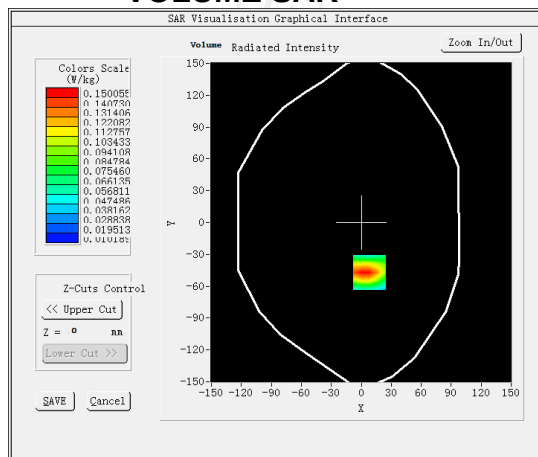
Date: 05/09/2024

Frequency (MHz)	844.000000
Relative permittivity (real part)	41.500000
Relative permittivity (imaginary part)	19.400000
Conductivity (S/m)	0.901561
Variation (%)	-4.690000
Crest Factor	1.0
Probe Conversion factor	1.80
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(10mm)</u>
Band	<u>LTE band 5(1 RB#0)</u>

SURFACE SAR



VOLUME SAR



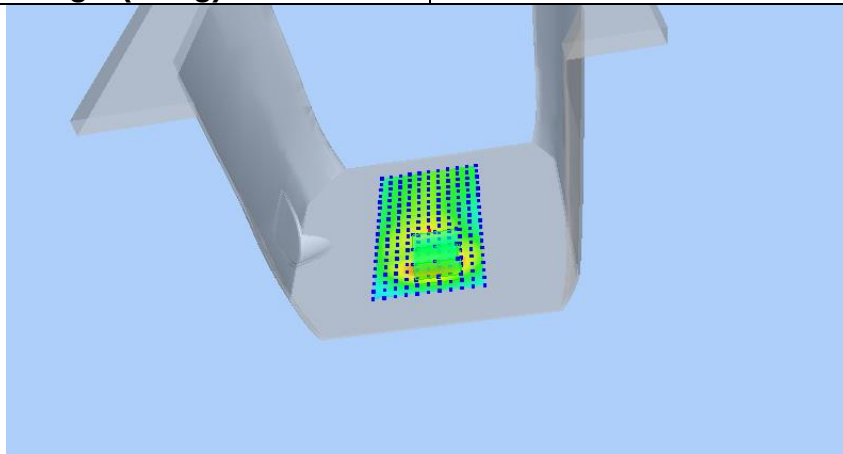
Maximum location: X=8.00, Y=-47.00 SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)

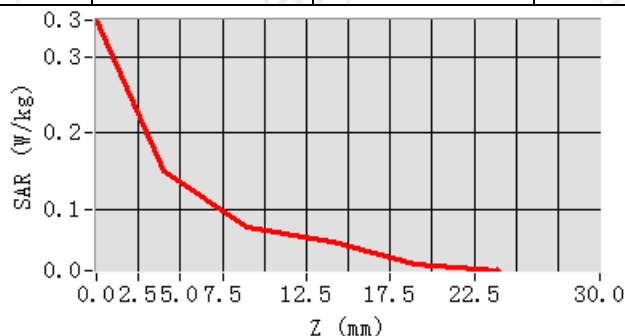
0.068913

SAR 1g (W/Kg)

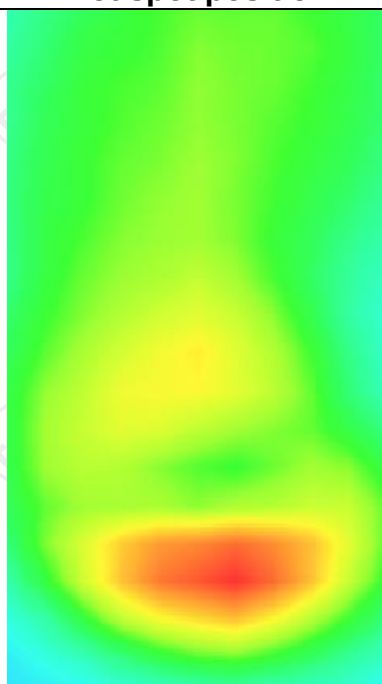
0.121818



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3494	0.1501	0.0758	0.0560	0.0275



Hot spot position



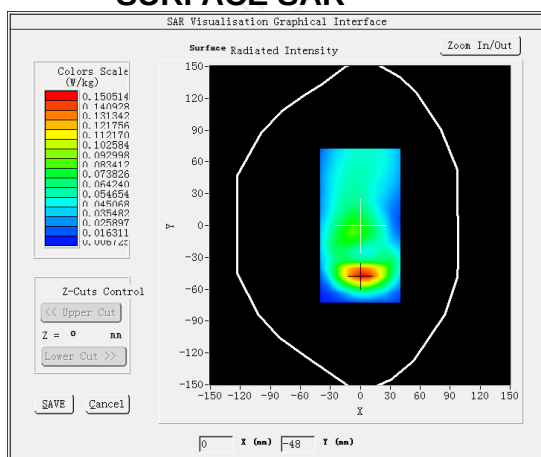
MEASUREMENT 3

High Band SAR (Channel 20600):

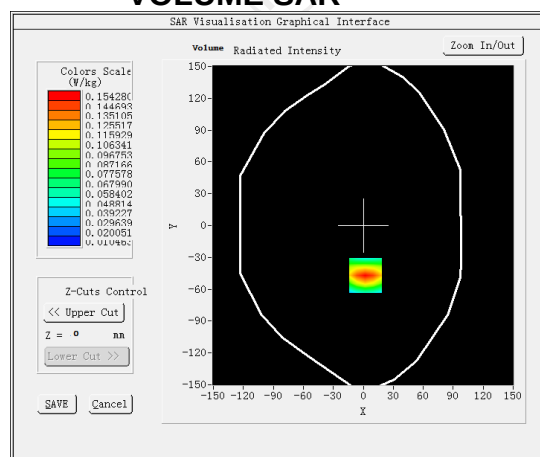
Date: 05/09/2024

Frequency (MHz)	844.000000
Relative permittivity (real part)	41.500000
Relative permittivity (imaginary part)	19.400000
Conductivity (S/m)	0.901561
Variation (%)	1.090000
Crest Factor	1.0
Probe Conversion factor	1.80
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 5(1 RB#0)</u>

SURFACE SAR

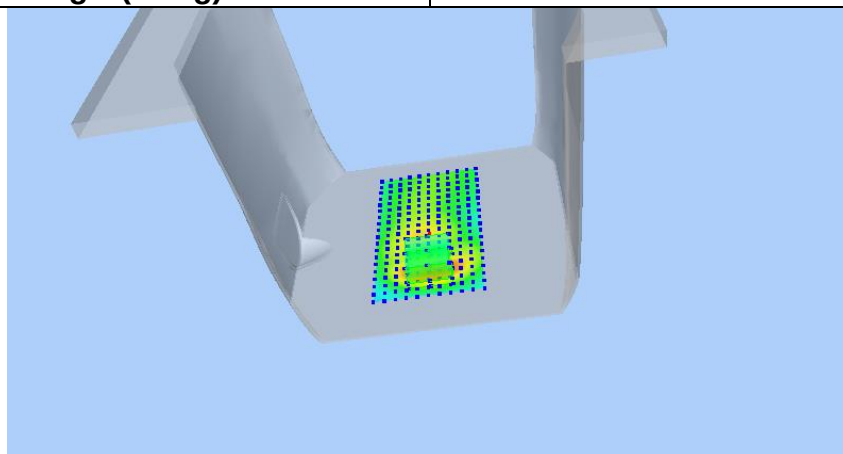


VOLUME SAR

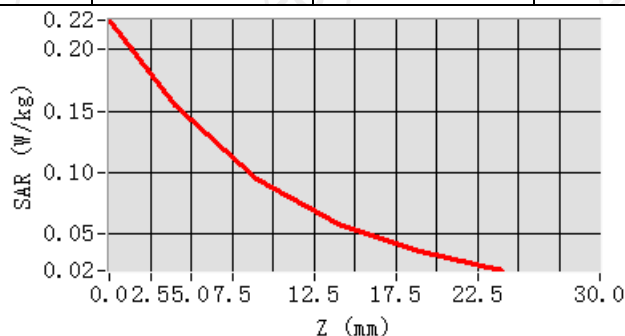


Maximum location: X=2.00, Y=-47.00 SAR Peak: 0.22 W/kg

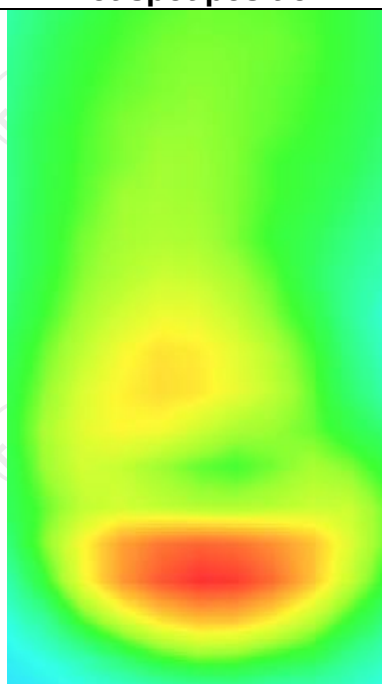
SAR 10g (W/Kg)	0.082614
SAR 1g (W/Kg)	0.113484



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2234	0.1543	0.0952	0.0583	0.0358



Hot spot position



LTE Band 12

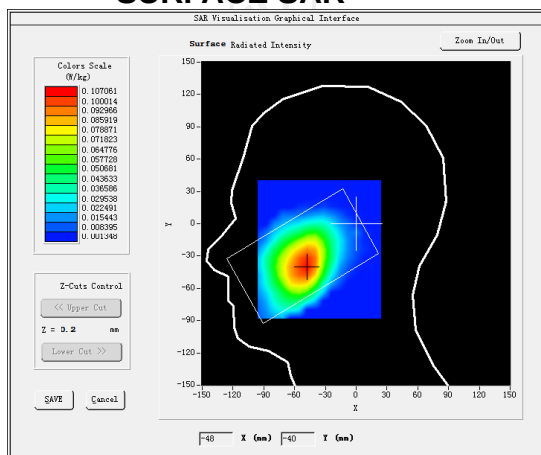
MEASUREMENT 1

High Band SAR (Channel 23130):

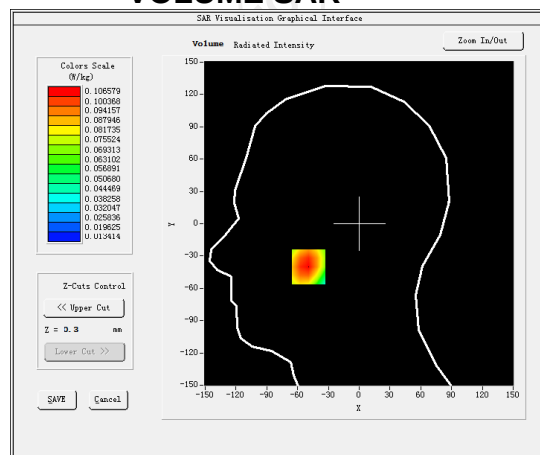
Date: 05/08/2024

Frequency (MHz)	711.000000
Relative permittivity (real part)	42.126667
Relative permittivity (imaginary) part)	23.264000
Conductivity (S/m)	0.914404
Variation (%)	-0.160000
Crest Factor	1.0
Probe Conversion factor	1.71
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>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>LTE band 12(1 RB#0)</u>

SURFACE SAR



VOLUME SAR



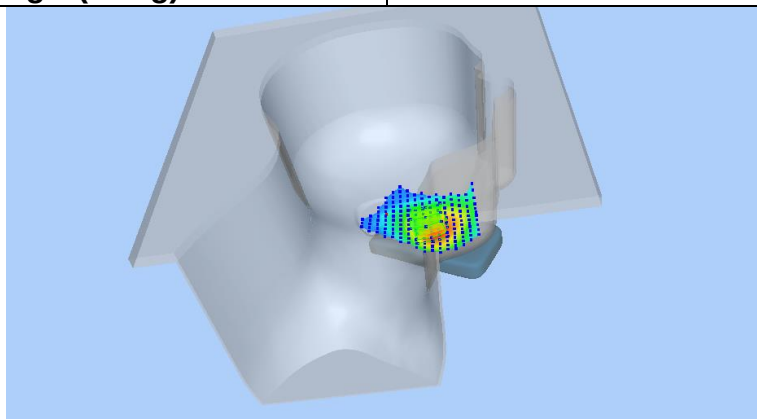
Maximum location: X=-39.00, Y=-41.00 SAR Peak: 0.11 W/kg

SAR 10g (W/Kg)

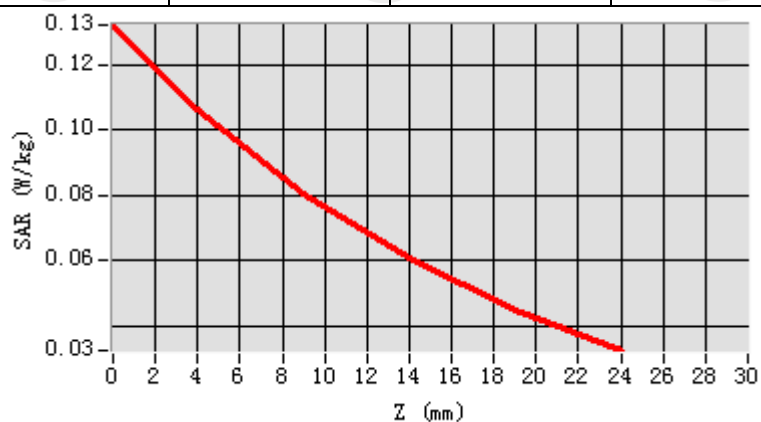
0.042132

SAR 1g (W/Kg)

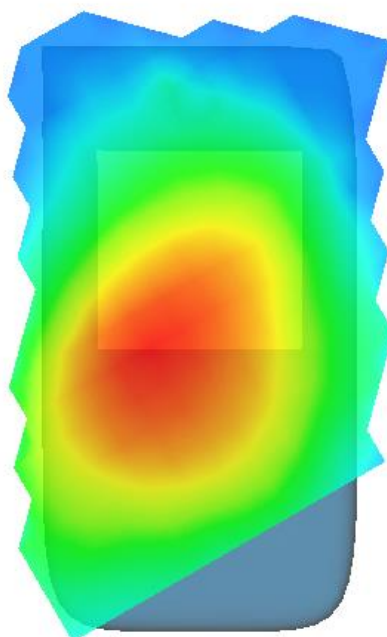
0.073483



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1331	0.1051	0.0707	0.0606	0.0451



Hot spot position



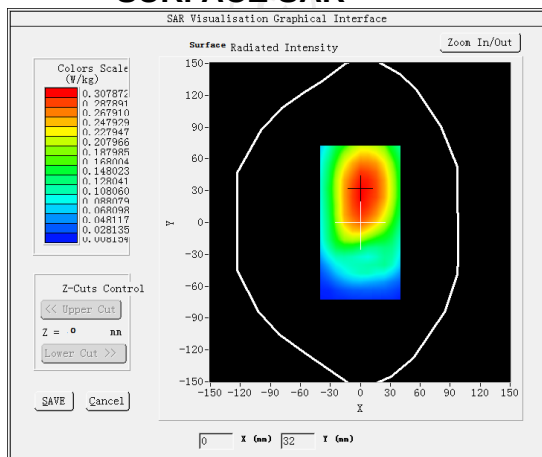
MEASUREMENT 2

High Band SAR (Channel 23130):

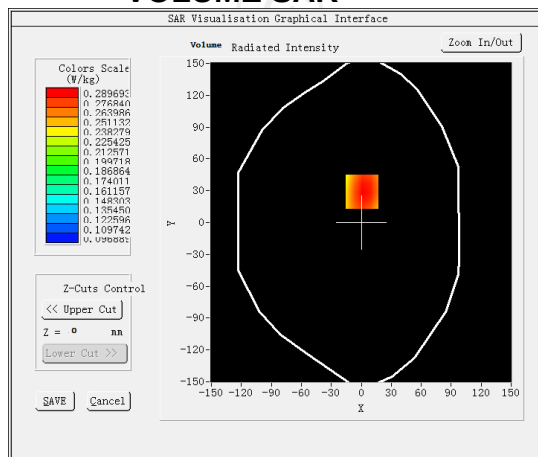
Date: 05/08/2024

Frequency (MHz)	711.000000
Relative permittivity (real part)	42.126667
Relative permittivity (imaginary part)	23.264000
Conductivity (S/m)	0.914404
Variation (%)	-1.010000
Crest Factor	1.0
Probe Conversion factor	1.71
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(10mm)</u>
Band	<u>LTE band 12(1 RB#0)</u>

SURFACE SAR

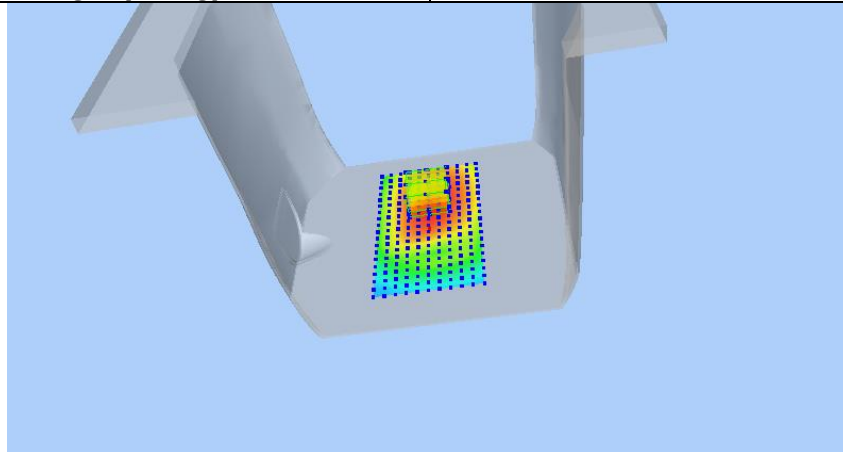


VOLUME SAR

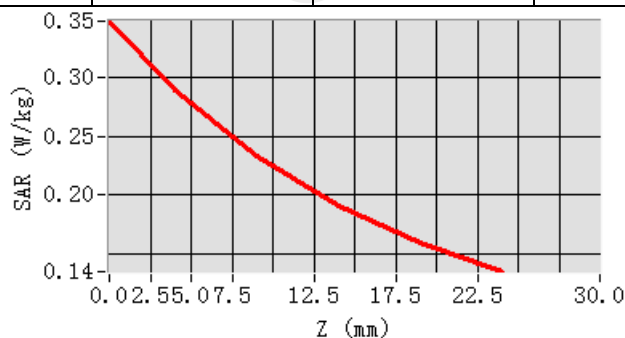


Maximum location: X=1.00, Y=29.00 SAR Peak: 0.35 W/kg

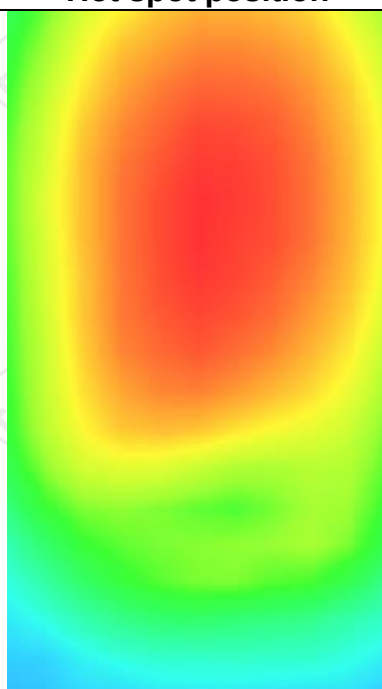
SAR 10g (W/Kg)	0.135348
SAR 1g (W/Kg)	0.215274



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3479	0.2897	0.2328	0.1909	0.1601



Hot spot position



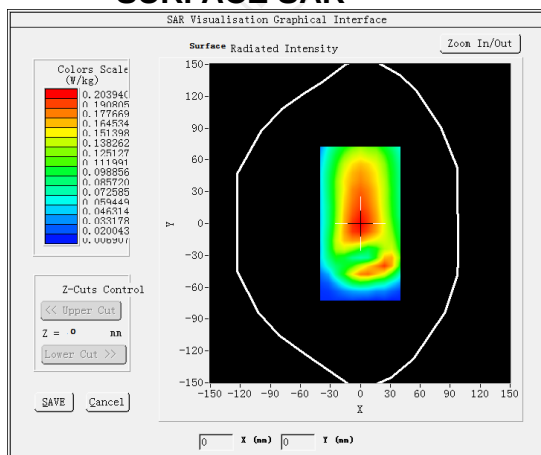
MEASUREMENT 3

High Band SAR (Channel 23130):

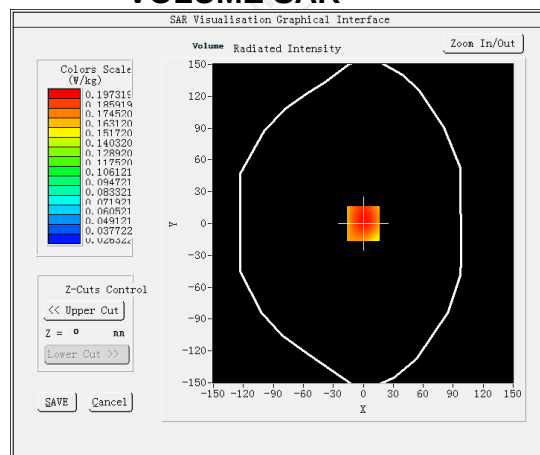
Date: 05/08/2024

Frequency (MHz)	707.500000
Relative permittivity (real part)	42.126667
Relative permittivity (imaginary part)	23.264000
Conductivity (S/m)	0.914404
Variation (%)	0.810000
Crest Factor	1.0
Probe Conversion factor	1.71
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 12(1 RB#0)</u>

SURFACE SAR

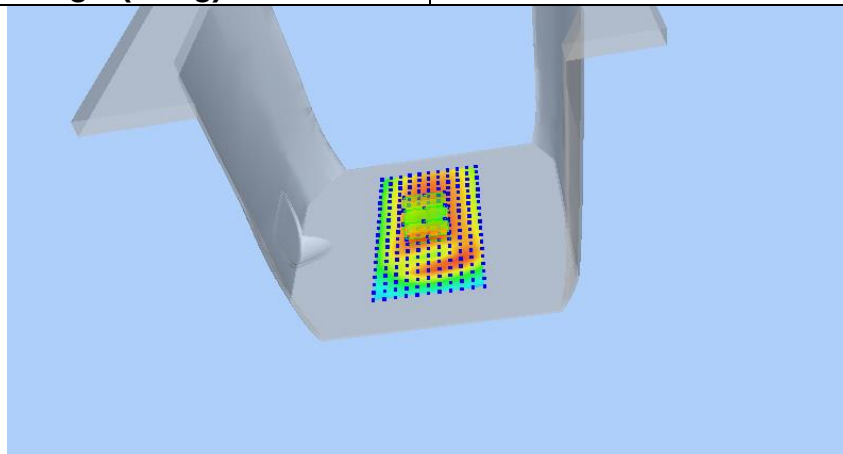


VOLUME SAR

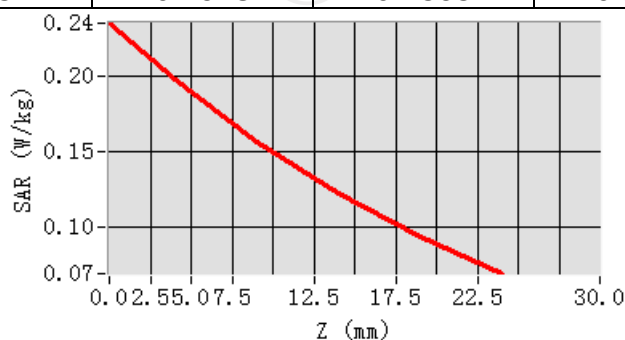


Maximum location: X=0.00, Y=0.00 SAR Peak: 0.24 W/kg

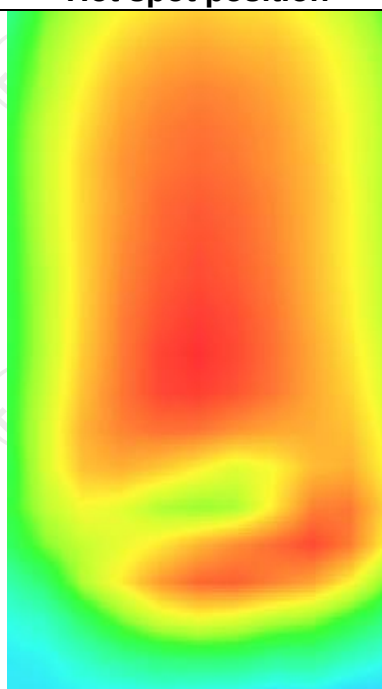
SAR 10g (W/Kg)	0.085218
SAR 1g (W/Kg)	0.160571



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2351	0.1973	0.1565	0.1222	0.0935



Hot spot position



LTE Band 41(HPUE)

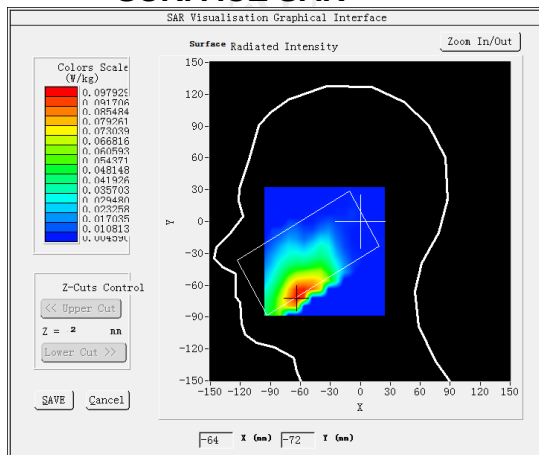
MEASUREMENT 1

Low Band SAR (Channel 39750):

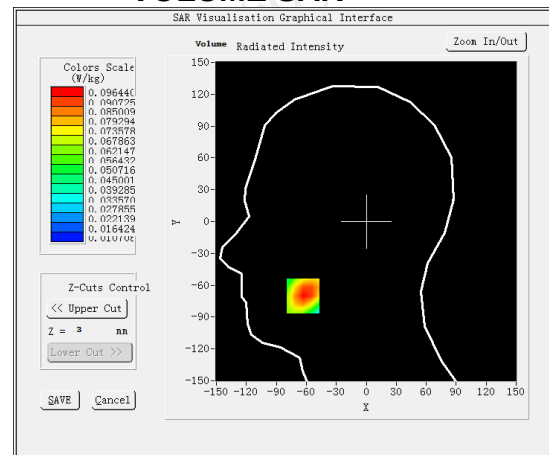
Date: 05/17/2024

Frequency (MHz)	2506.000000
Relative permittivity (real part)	39.009335
Relative permittivity (imaginary part)	13.553667
Conductivity (S/m)	1.952481
Variation (%)	1.860000
Crest Factor	1.0
Probe Conversion factor	4.36
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	dx=12mm dy=12mm, h= 5.00 mm
ZoomScan	5x5x7, dx=5mm dy=5mm dz=5mm, Complete/ndx=8mm dy=8mm, h= 5.00 mm
Phantom	Left head
Device Position	Cheek
Band	LTE band 41(1 RB#0)

SURFACE SAR



VOLUME SAR



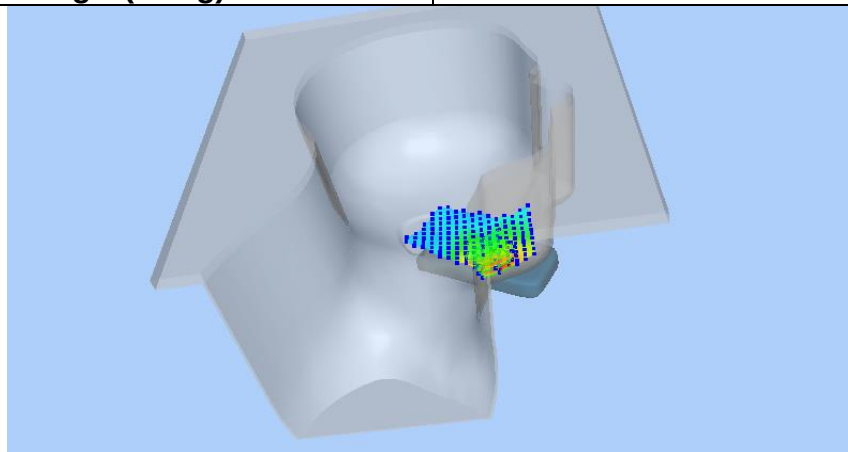
Maximum location: X=-63.00, Y=-70.00 SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)

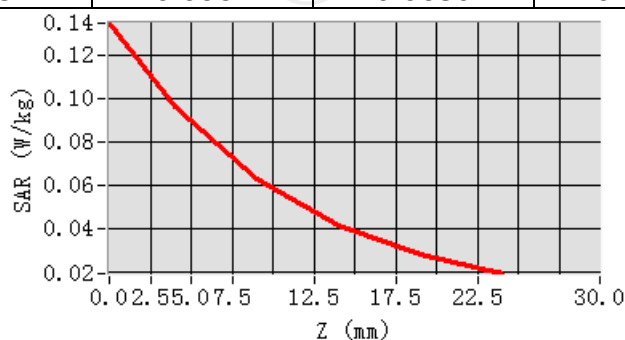
0.046149

SAR 1g (W/Kg)

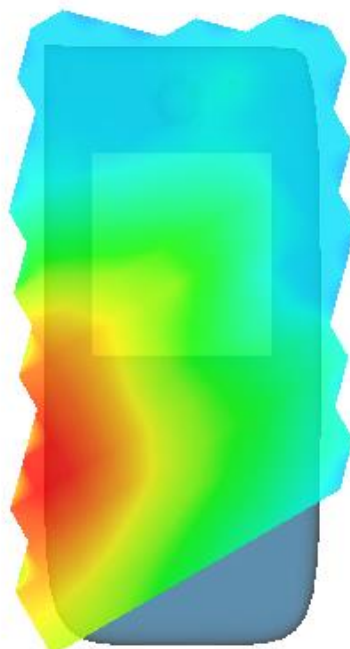
0.071830



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1351	0.0964	0.0630	0.0418	0.0287



Hot spot position



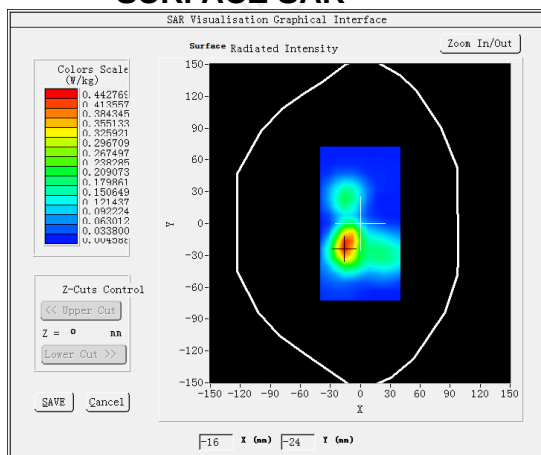
MEASUREMENT 2

Low Band SAR (Channel 39750):

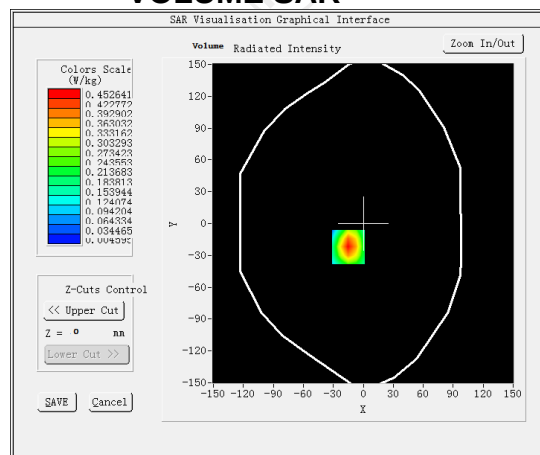
Date: 05/17/2024

Frequency (MHz)	2506.000000
Relative permittivity (real part)	39.009335
Relative permittivity (imaginary part)	13.553667
Conductivity (S/m)	1.952481
Variation (%)	2.950000
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 (10mm)</u>
Band	<u>LTE band 41(1 RB#0)</u>

SURFACE SAR



VOLUME SAR



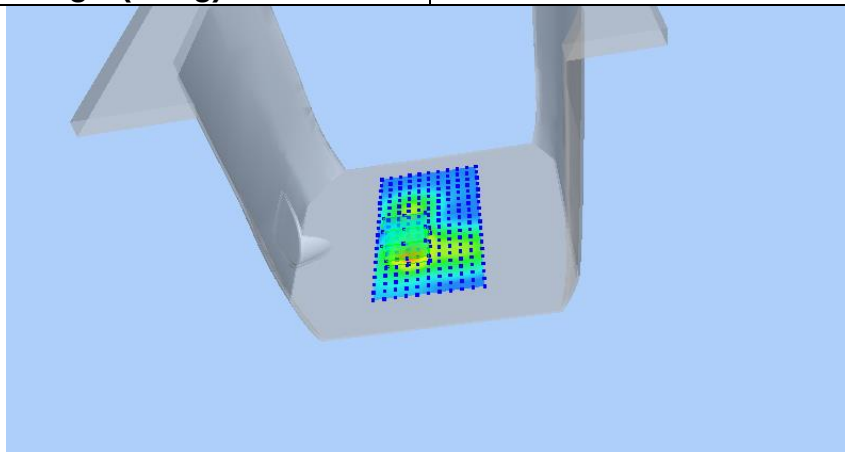
Maximum location: X=-15.00, Y=-22.00 SAR Peak: 0.75 W/kg

SAR 10g (W/Kg)

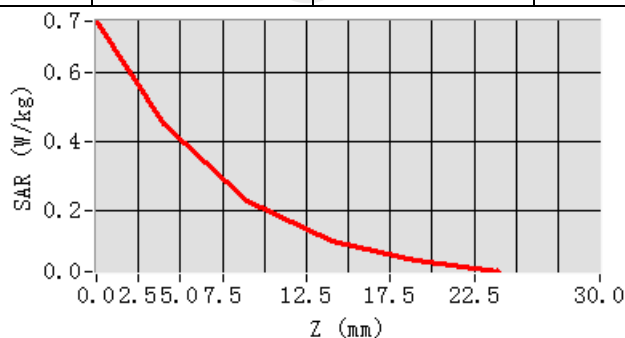
0.311451

SAR 1g (W/Kg)

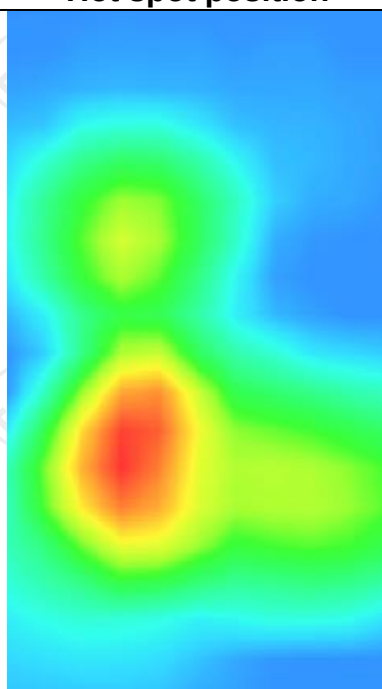
0.446217



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.7498	0.4526	0.2287	0.1120	0.0551



Hot spot position



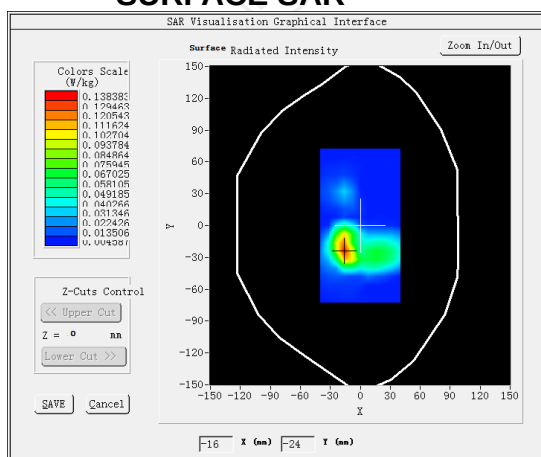
MEASUREMENT 3

Low Band SAR (Channel 39750):

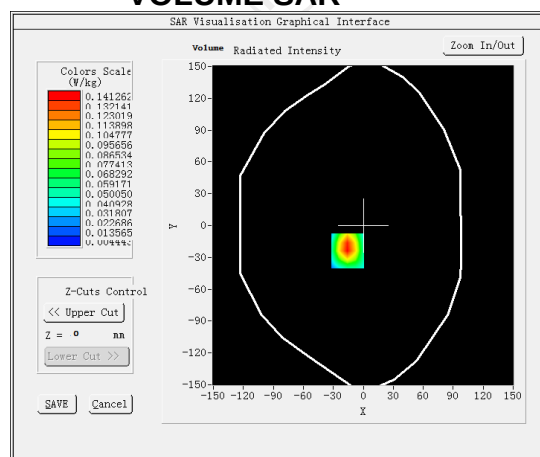
Date: 05/17/2024

Frequency (MHz)	2506.000000
Relative permittivity (real part)	39.009335
Relative permittivity (imaginary part)	13.553667
Conductivity (S/m)	1.952481
Variation (%)	0.480000
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 41(1 RB#0)</u>

SURFACE SAR



VOLUME SAR



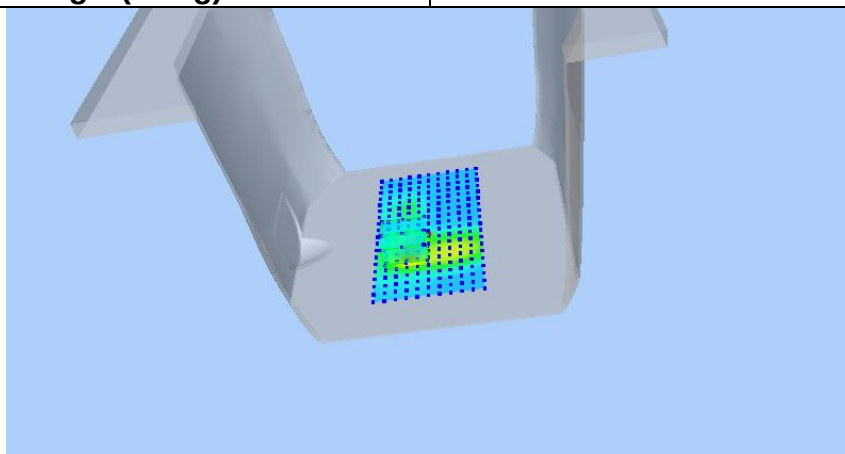
Maximum location: X=-16.00, Y=-24.00 SAR Peak: 1.00 W/kg

SAR 10g (W/Kg)

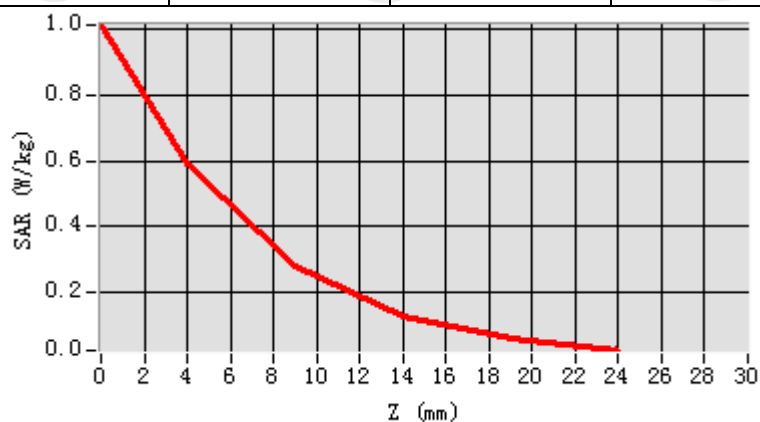
0.397315

SAR 1g (W/Kg)

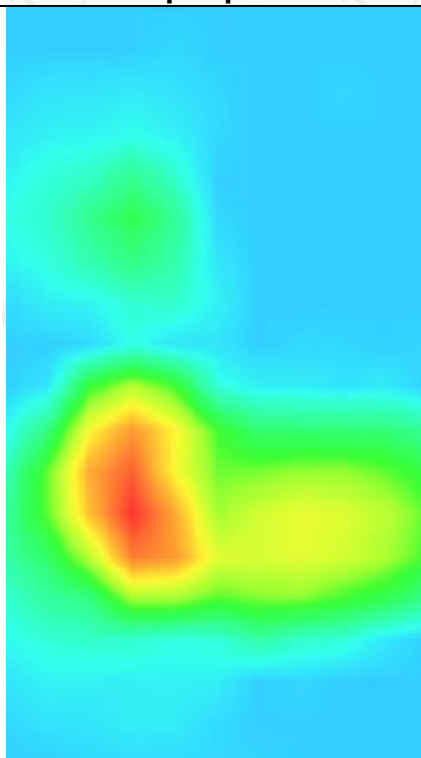
0.601845



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.0151	0.5893	0.2786	0.1246	0.0547



Hot spot position



LTE Band 66

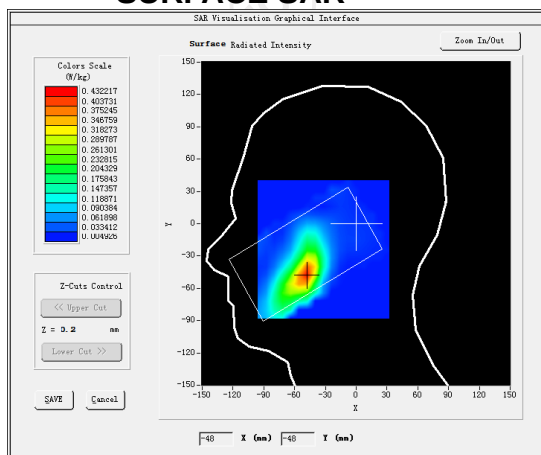
MEASUREMENT 1

Middle Band SAR (Channel 132322):

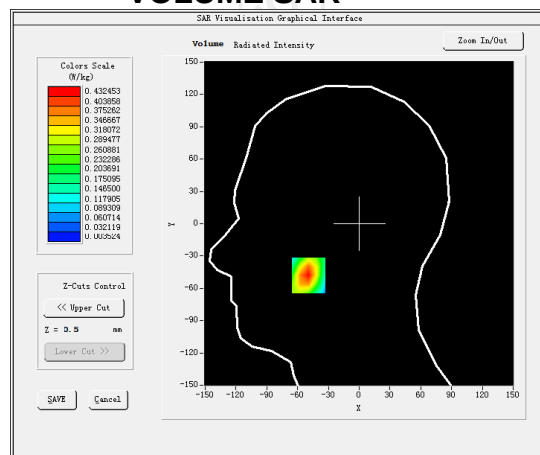
Date: 05/13/2024

Frequency (MHz)	1745.000000
Relative permittivity (real part)	40.115910
Relative permittivity (imaginary part)	14.136136
Conductivity (S/m)	1.360603
Variation (%)	0.570000
Crest Factor	1.0
Probe Conversion factor	4.36
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>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>LTE band 66(1 RB#0)</u>

SURFACE SAR



VOLUME SAR



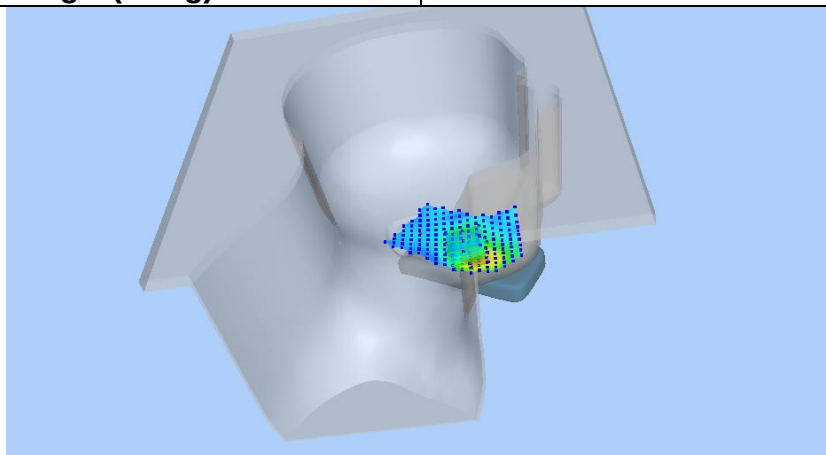
Maximum location: X=-49.00, Y=-48.00 SAR Peak: 0.88 W/kg

SAR 10g (W/Kg)

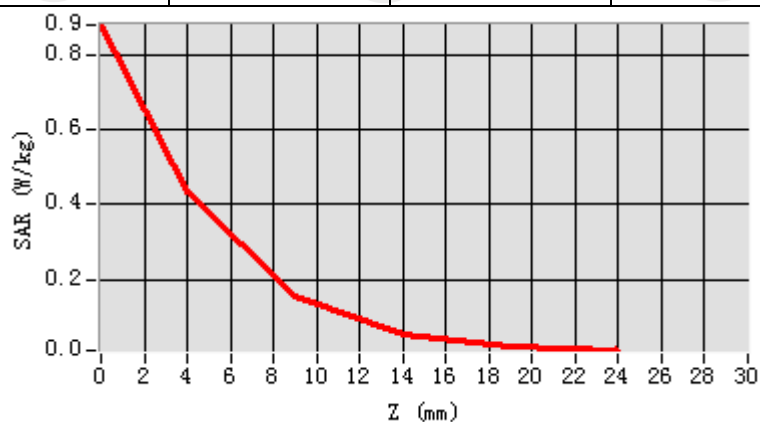
0.362509

SAR 1g (W/Kg)

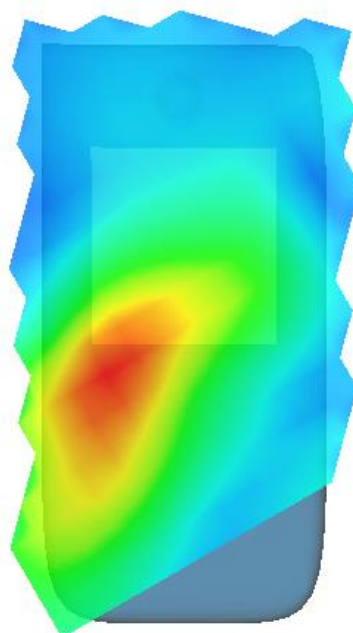
0.521513



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.8804	0.4325	0.1545	0.0508	0.0199



Hot spot position



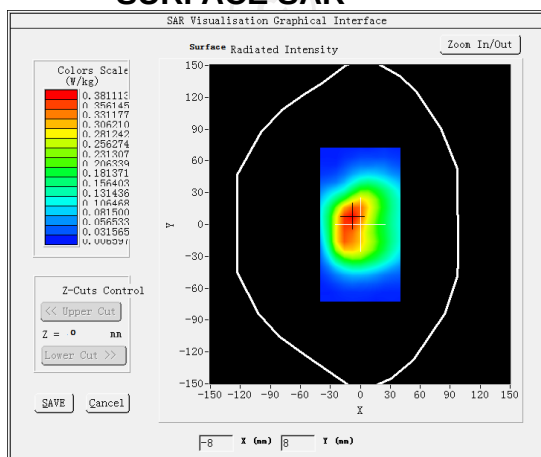
MEASUREMENT 2

Middle Band SAR (Channel 132322):

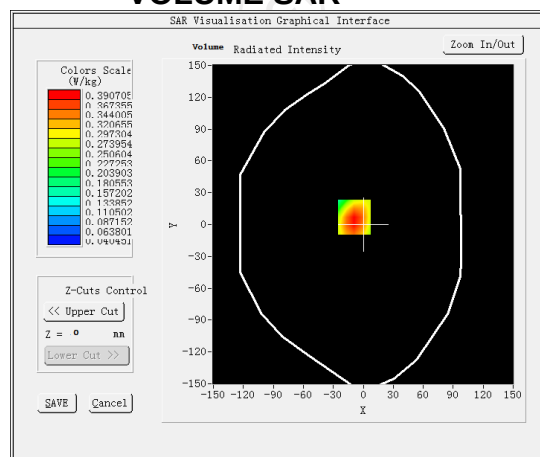
Date: 05/13/2024

Frequency (MHz)	1745.000000
Relative permittivity (real part)	40.115910
Relative permittivity (imaginary part)	14.136136
Conductivity (S/m)	1.360603
Variation (%)	1.820000
Crest Factor	1.0
Probe Conversion factor	4.36
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(10mm)</u>
Band	<u>LTE band 66(1 RB#0)</u>

SURFACE SAR



VOLUME SAR



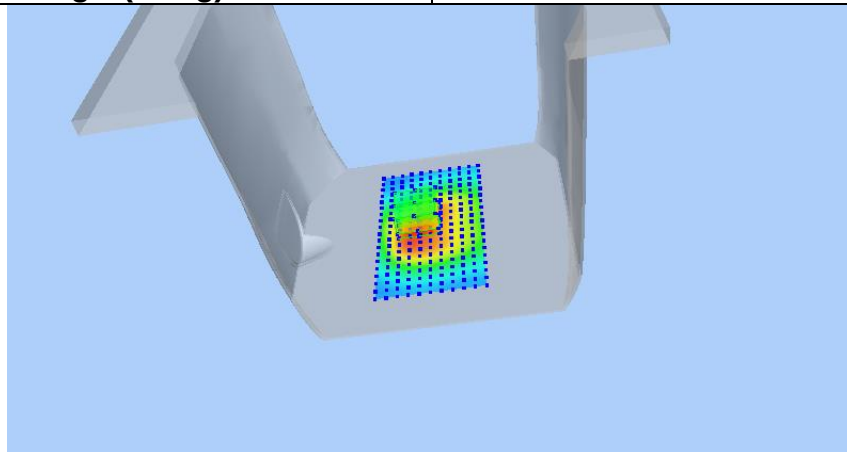
Maximum location: X=-9.00, Y=700 SAR Peak: 0.56W/kg

SAR 10g (W/Kg)

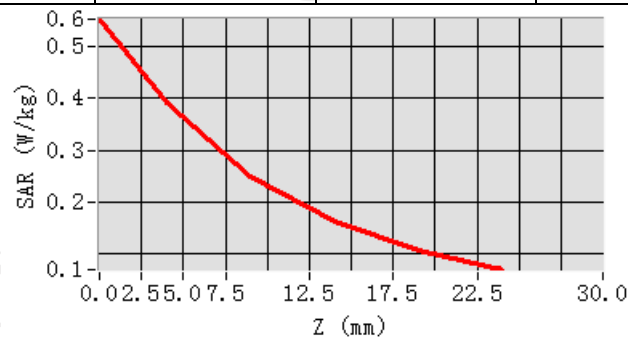
0.229415

SAR 1g (W/Kg)

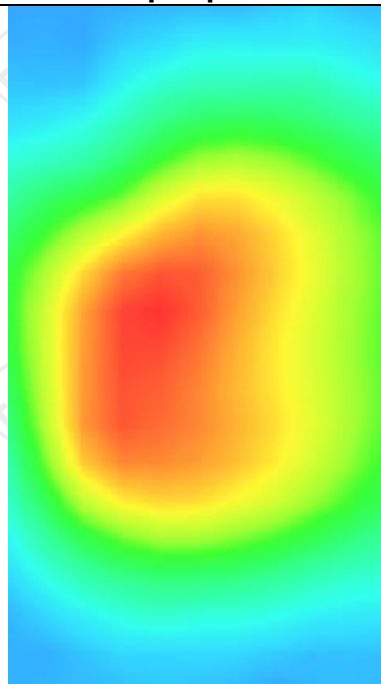
0.316473



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.5530	0.3907	0.2507	0.1622	0.1072



Hot spot position



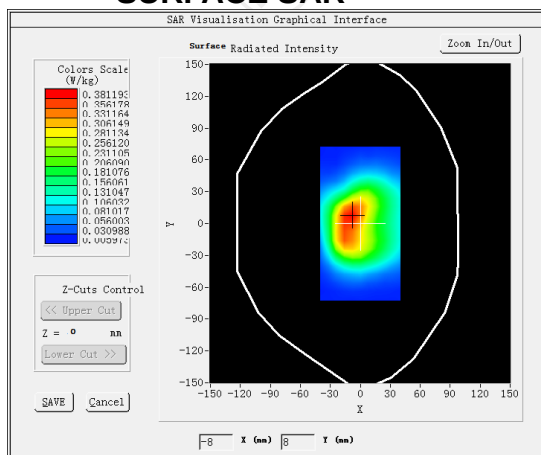
MEASUREMENT 3

Middle Band SAR (Channel 132322):

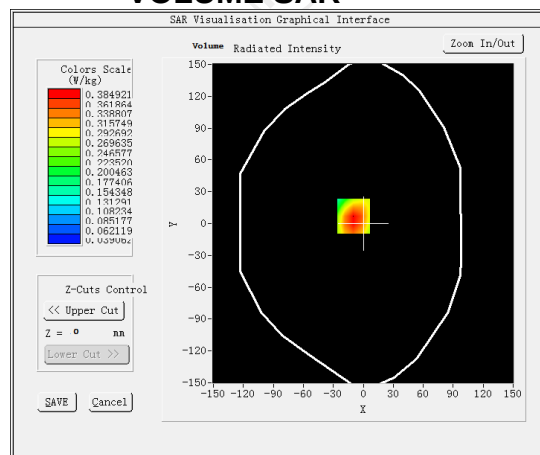
Date: 05/13/2024

Frequency (MHz)	1745.000000
Relative permittivity (real part)	40.115910
Relative permittivity (imaginary part)	14.136136
Conductivity (S/m)	1.360603
Variation (%)	0.850000
Crest Factor	1.0
Probe Conversion factor	4.36
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	Validation plane
Device Position	Body back((hotspot10mm)
Band	<u>LTE band 66(1 RB#0)</u>

SURFACE SAR



VOLUME SAR



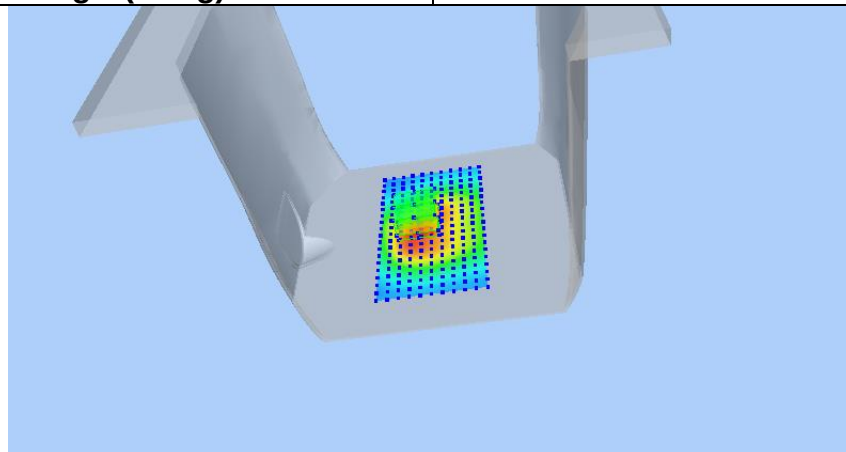
Maximum location: X=-10.00, Y=7.00 SAR Peak: 0.55 W/kg

SAR 10g (W/Kg)

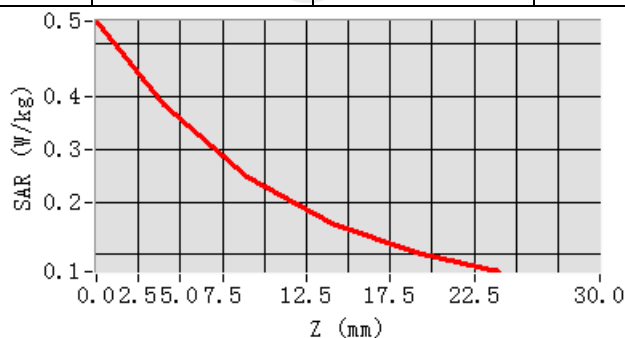
0.208612

SAR 1g (W/Kg)

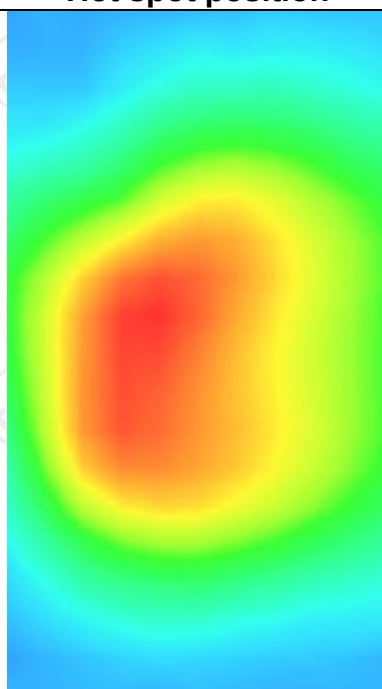
0.318145



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.5434	0.3849	0.2476	0.1603	0.1057



Hot spot position



LTE Band 71

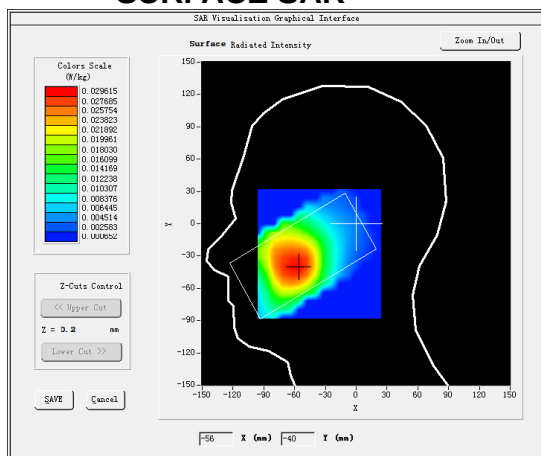
MEASUREMENT 1

High Band SAR (Channel 133372):

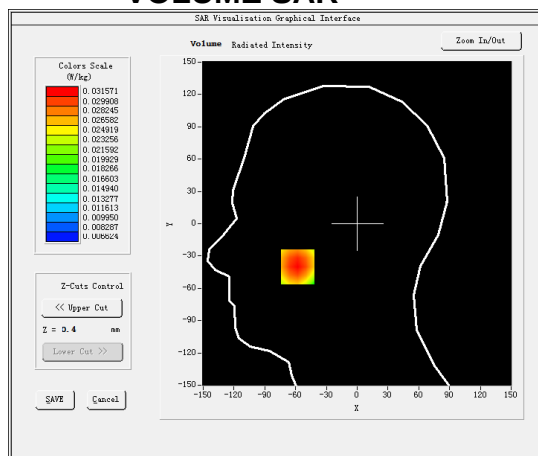
Date: 05/08/2024

Frequency (MHz)	688.000000
Relative permittivity (real part)	41.432976
Relative permittivity (imaginary part)	12.468860
Conductivity (S/m)	0.862835
Variation (%)	0.860000
Crest Factor	1.0
Probe Conversion factor	1.71
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>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>LTE band 71(1 RB#0)</u>

SURFACE SAR

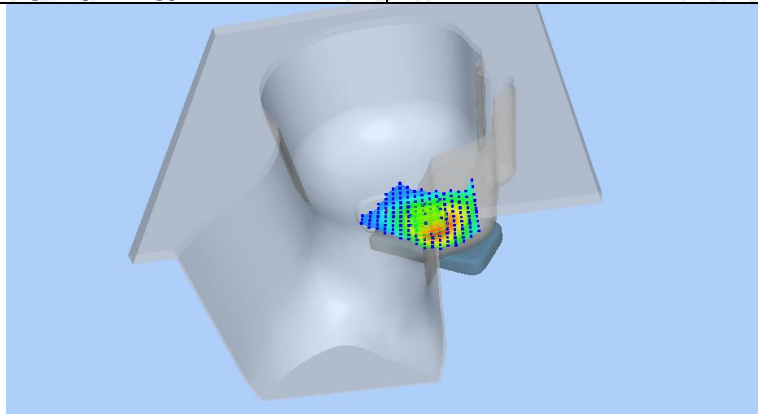


VOLUME SAR

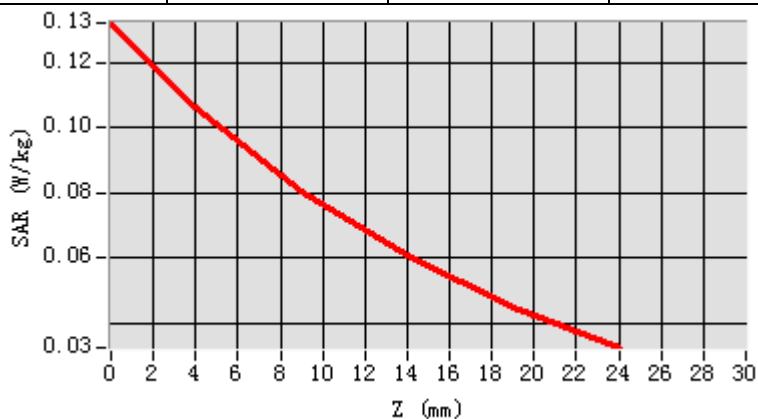


Maximum location: X=-49.00, Y=-40.00 SAR Peak: 0.13 W/kg

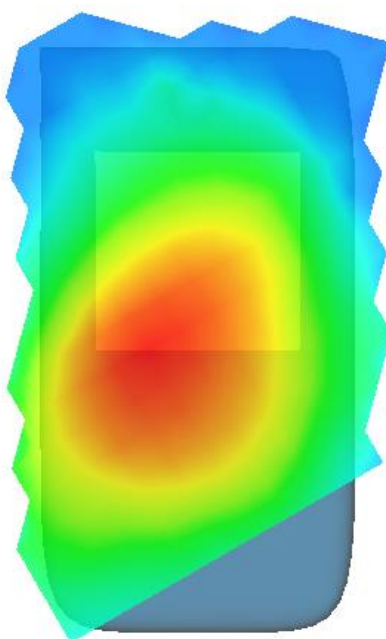
SAR 10g (W/Kg)	0.040246
SAR 1g (W/Kg)	0.074151



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1321	0.1066	0.0808	0.0608	0.0452



Hot spot position

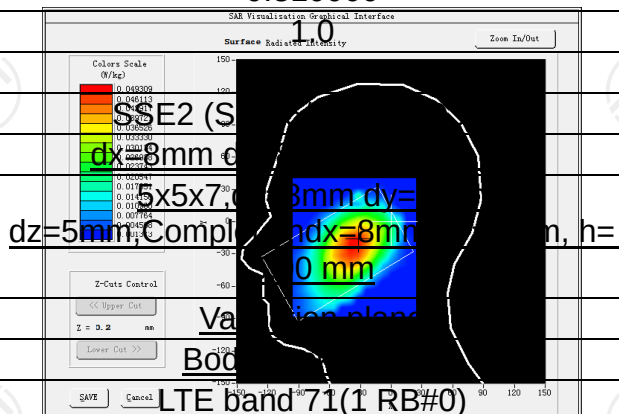


MEASUREMENT 2

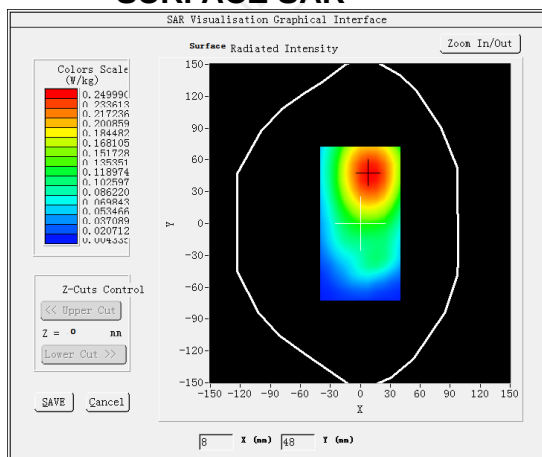
High Band SAR (Channel 133372):

Date: 05/08/2024

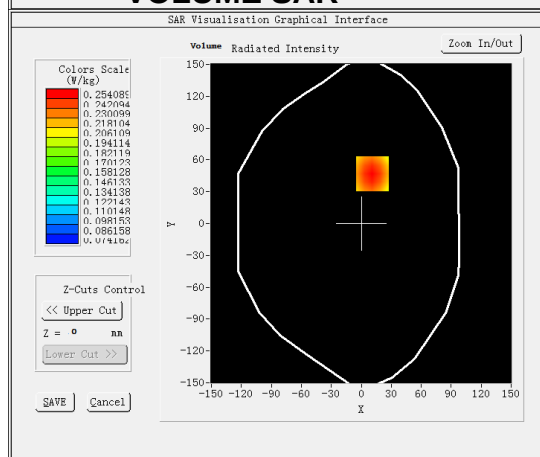
Frequency (MHz)	688.000000
Relative permittivity (real part)	41.432976
Relative permittivity (imaginary part)	12.468860
Conductivity (S/m)	0.862835
Variation (%)	0.810000
Crest Factor	
Probe Conversion factor	
E-Field Probe:	
Area Scan	
ZoomScan	
Phantom	
Device Position	
Band	



SURFACE SAR

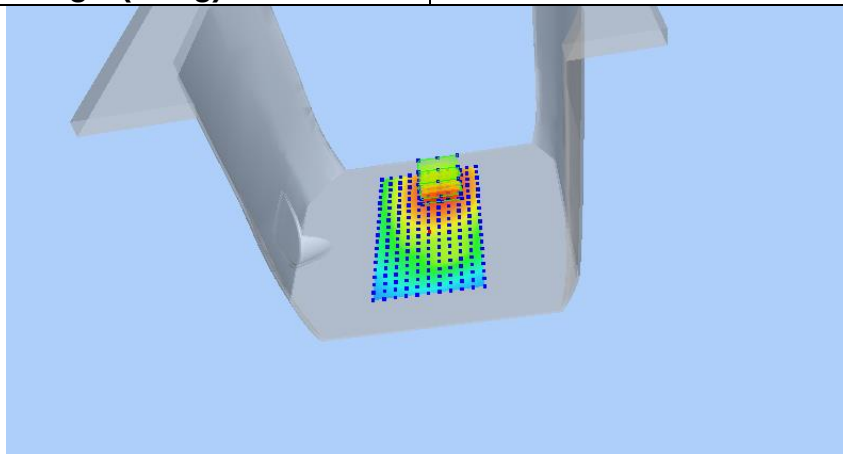


VOLUME SAR

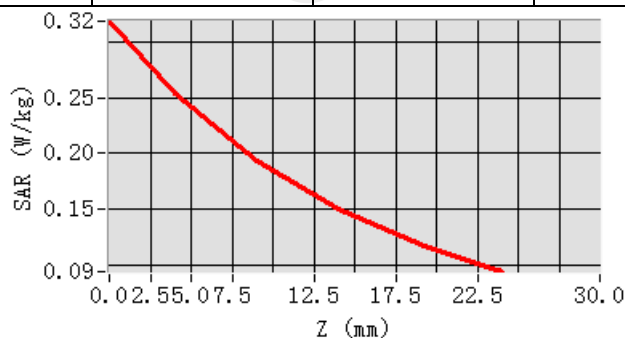


Maximum location: X=11.00, Y=47.00 SAR Peak: 0.32 W/kg

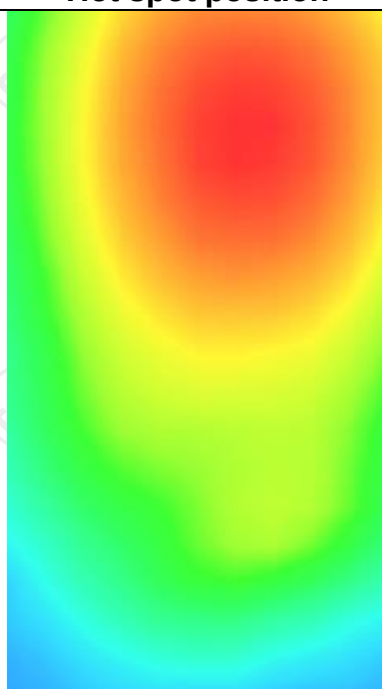
SAR 10g (W/Kg)	0.138156
SAR 1g (W/Kg)	0.297451



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3181	0.2541	0.1933	0.1498	0.1189



Hot spot position

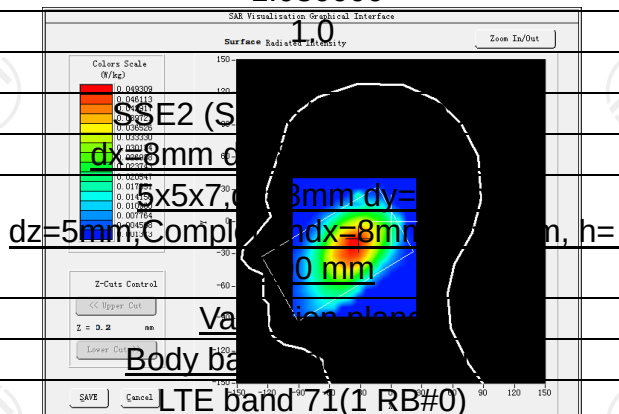


MEASUREMENT 3

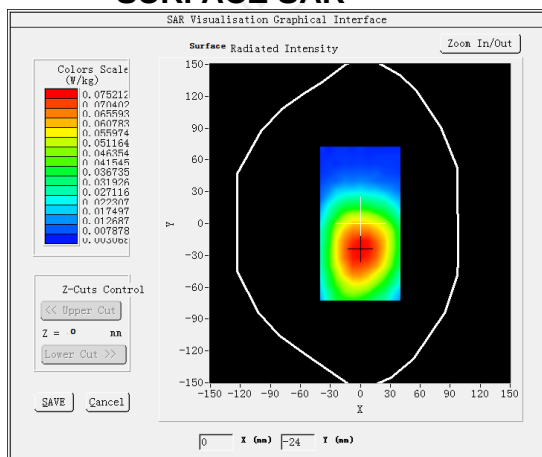
High Band SAR (Channel 133372):

Date: 05/08/2024

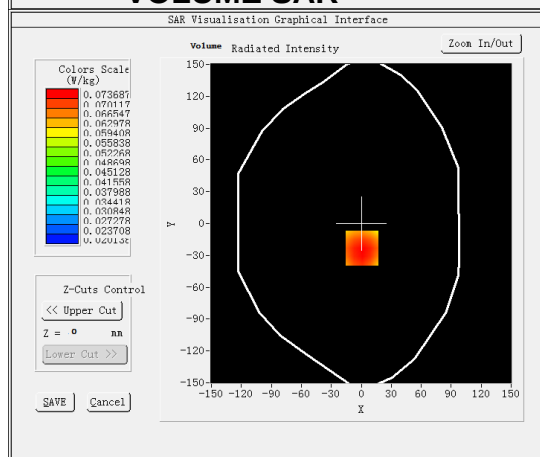
Frequency (MHz)	688.000000
Relative permittivity (real part)	41.432976
Relative permittivity (imaginary part)	12.468860
Conductivity (S/m)	0.862835
Variation (%)	-1.080000
Crest Factor	
Probe Conversion factor	
E-Field Probe:	
Area Scan	
ZoomScan	
Phantom	
Device Position	
Band	



SURFACE SAR

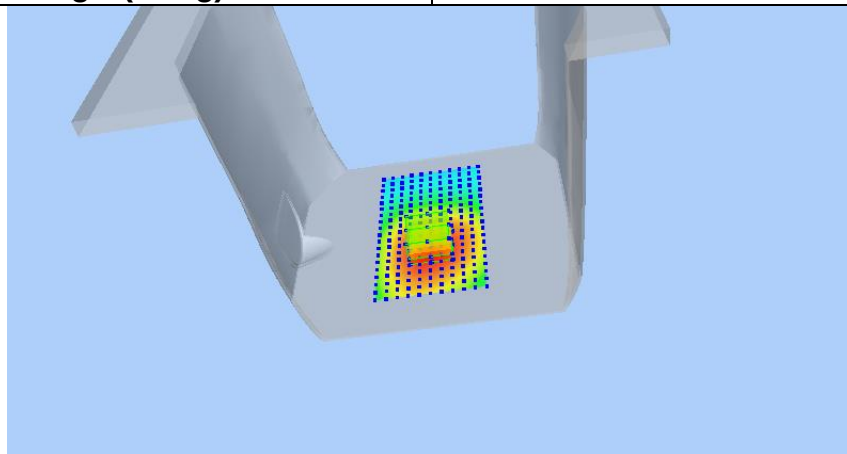


VOLUME SAR

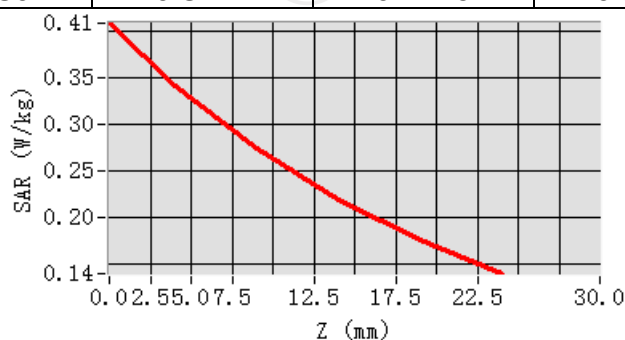


Maximum location: X=7.00, Y=15.00 SAR Peak: 0.41 W/kg

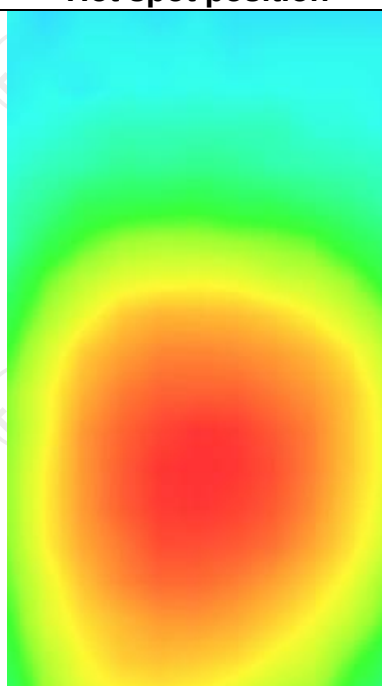
SAR 10g (W/Kg)	0.142587
SAR 1g (W/Kg)	0.264732



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.4080	0.3414	0.2729	0.2187	0.1755



Hot spot position



WLAN 2.4G

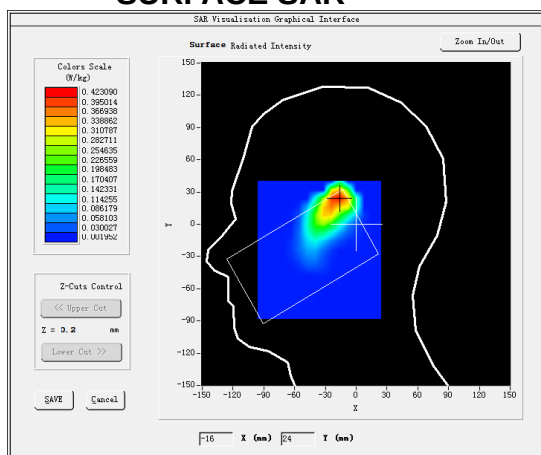
MEASUREMENT 1

High Band SAR (Channel 11):

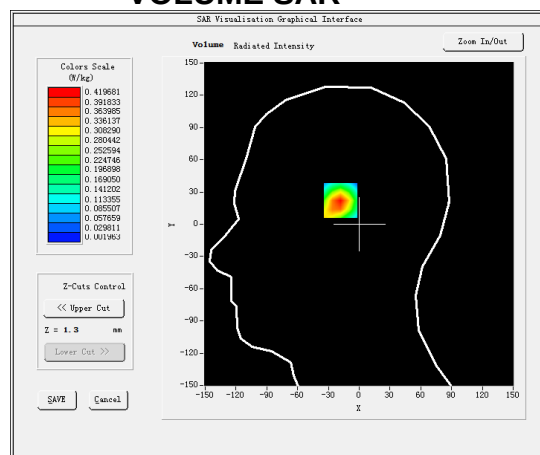
Date: 05/15/2024

Frequency (MHz)	2462.000000
Relative permittivity (real part)	37.821613
Relative permittivity (imaginary part)	13.546980
Conductivity (S/m)	1.834111
Variation (%)	-1.570000
Crest Factor	1.0
Probe Conversion factor	2.31
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>Right head</u>
Device Position	<u>Cheek</u>
Band	<u>IEEE 802.11b ISM</u>

SURFACE SAR

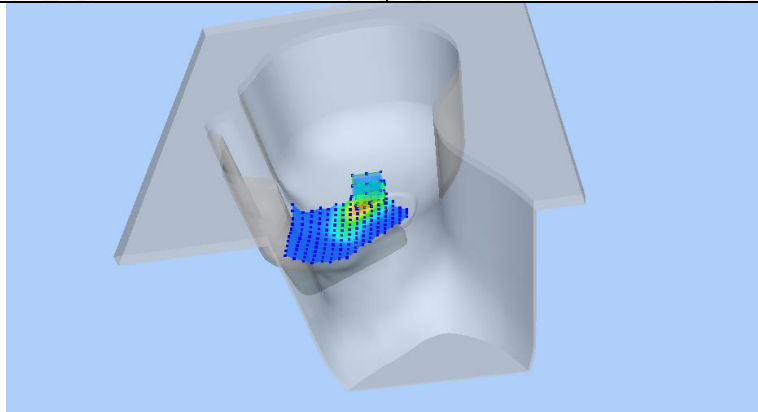


VOLUME SAR

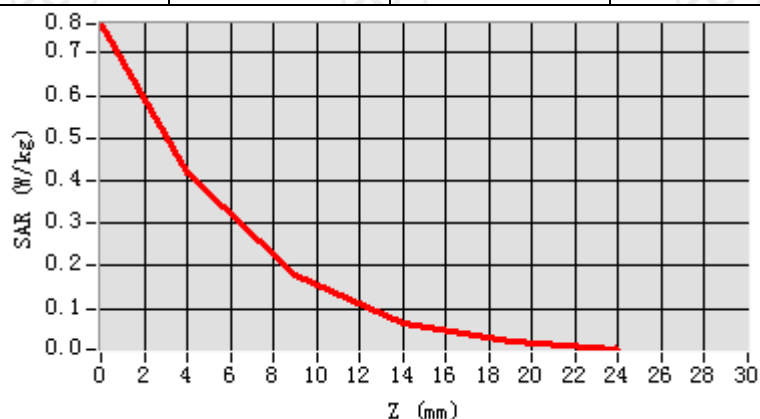


Maximum location: X=-17.00, Y=24.00 SAR Peak: 0.78 W/kg

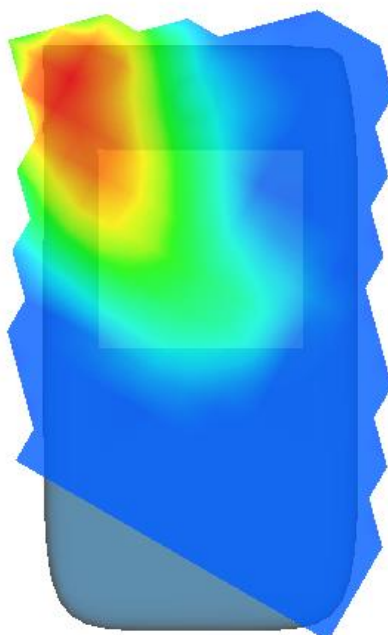
SAR 10g (W/Kg)	0.271261
SAR 1g (W/Kg)	0.510245



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.7682	0.4197	0.1767	0.0654	0.0210



Hot spot position



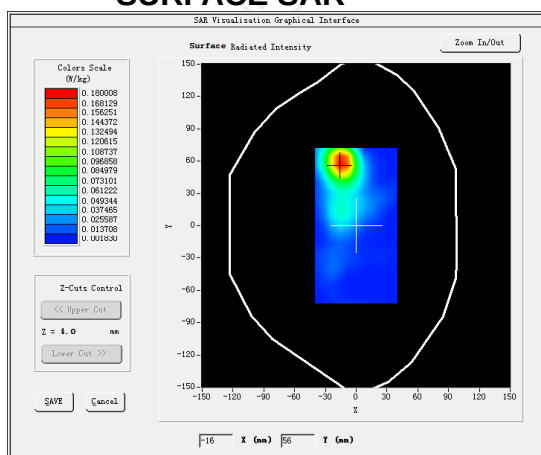
MEASUREMENT 2

High Band SAR (Channel 11):

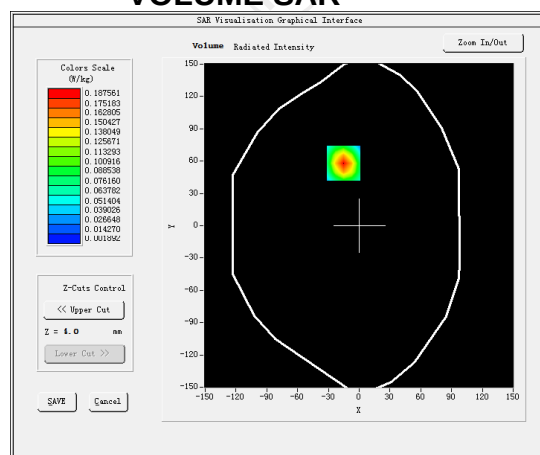
Date: 05/15/2024

Frequency (MHz)	2462.000000
Relative permittivity (real part)	37.821613
Relative permittivity (imaginary part)	13.546980
Conductivity (S/m)	1.834111
Variation (%)	0.080000
Crest Factor	1.0
Probe Conversion factor	2.31
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	Validation plane
Device Position	Body back(10mm)
Band	<u>IEEE 802.11b ISM</u>

SURFACE SAR

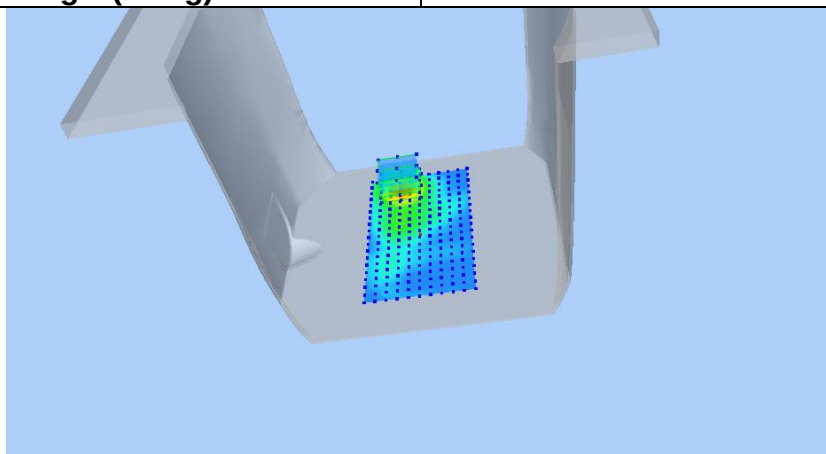


VOLUME SAR

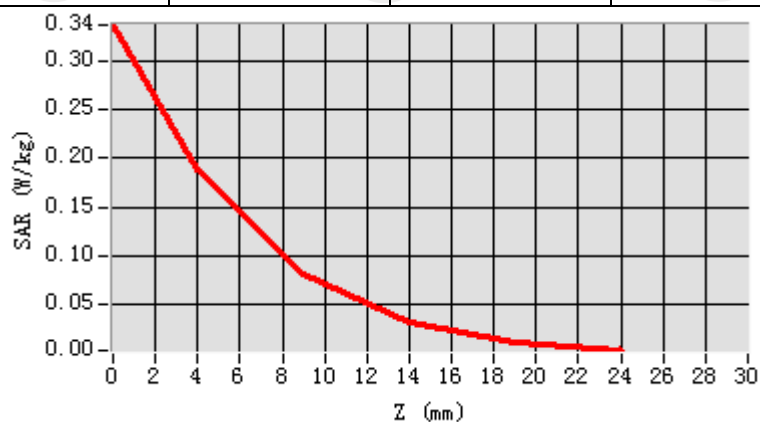


Maximum location: X=-15.00, Y=58.00 SAR Peak: 0.34 W/kg

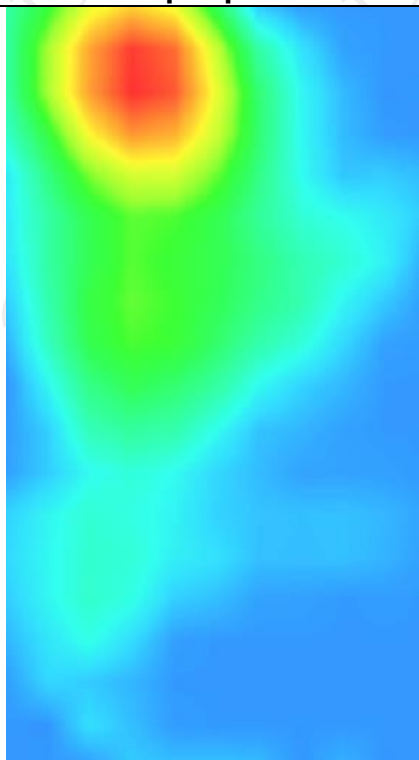
SAR 10g (W/Kg)	0.137530
SAR 1g (W/Kg)	0.213240



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3372	0.1876	0.0816	0.0317	0.0109



Hot spot position



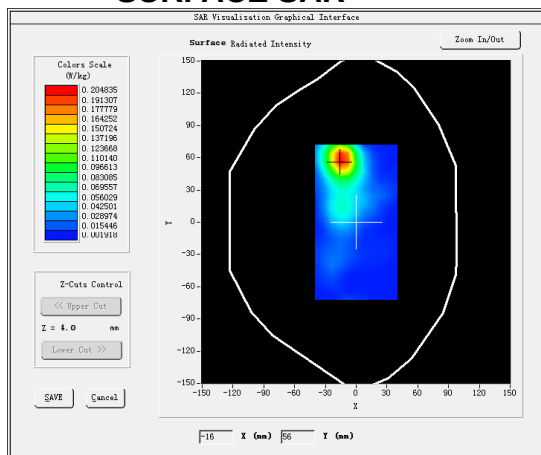
MEASUREMENT 3

High Band SAR (Channel 11):

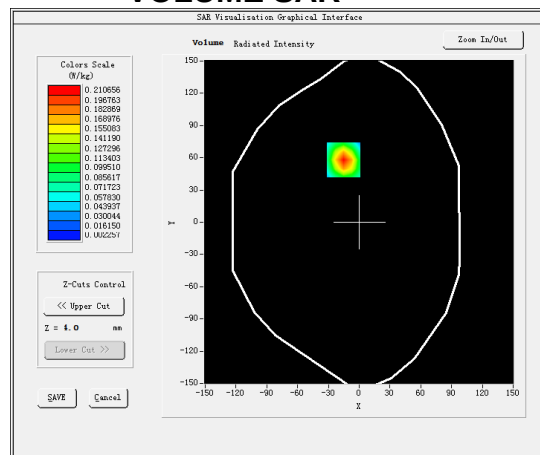
Date: 05/15/2024

Frequency (MHz)	2462.000000
Relative permittivity (real part)	37.821613
Relative permittivity (imaginary part)	13.546980
Conductivity (S/m)	1.834111
Variation (%)	1.860000
Crest Factor	1.0
Probe Conversion factor	2.31
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	Validation plane
Device Position	Body back(10mm)
Band	<u>IEEE 802.11b ISM(hotspot)</u>

SURFACE SAR

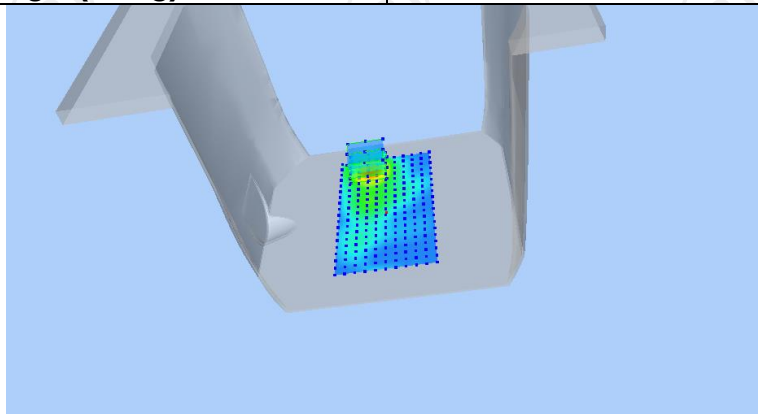


VOLUME SAR

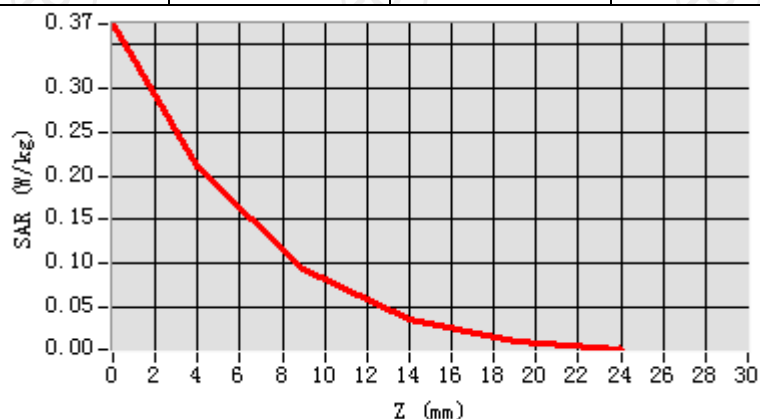


Maximum location: X=-15.00, Y=58.00 SAR Peak: 0.37 W/kg

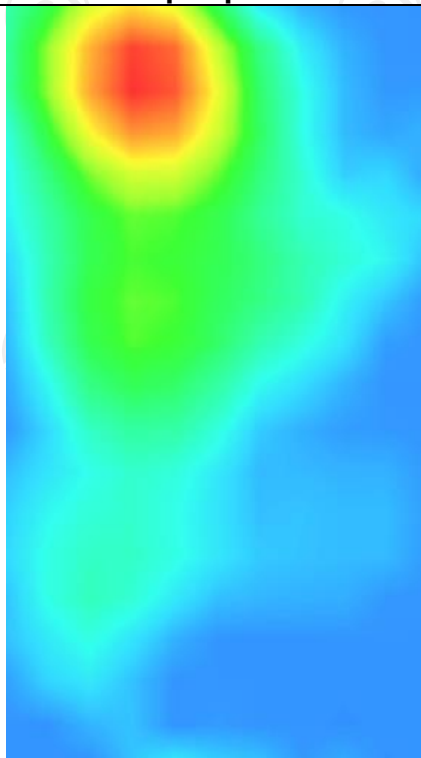
SAR 10g (W/Kg)	0.143152
SAR 1g (W/Kg)	0.231257



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3732	0.2107	0.0935	0.0368	0.0124



Hot spot position



WLAN 5.2G

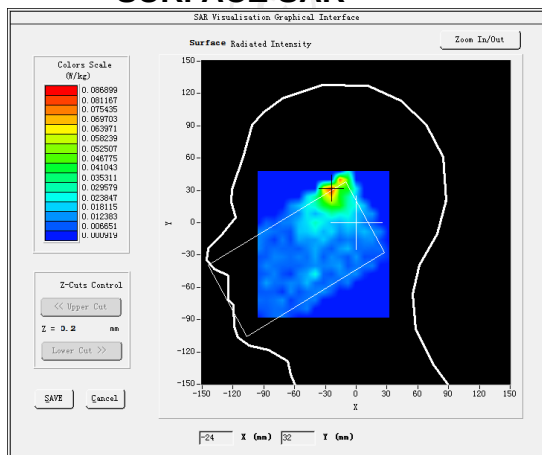
MEASUREMENT 1

SAR (Channel 36):

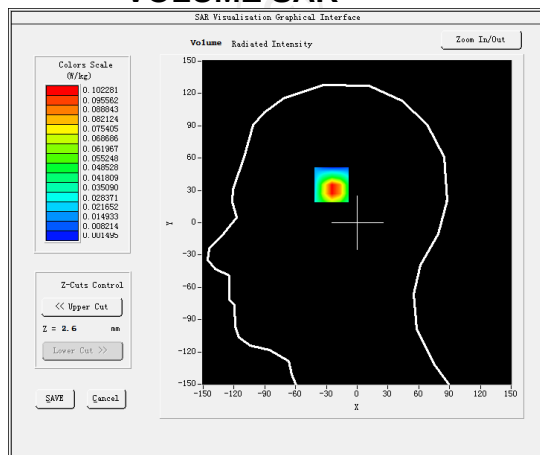
Date: 05/20/2024

Frequency (MHz)	5180.000000
Relative permittivity (real part)	35.698832
Relative permittivity (imaginary part)	13.679428
Conductivity (S/m)	4.420788
Variation (%)	-0.270000
Crest Factor	1.0
Probe Conversion factor	2.01
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=10mm dy=10mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7,dx=4mm dy=4mm</u> <u>dz=2mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
Phantom	<u>Right head</u>
Device Position	<u>Cheek</u>
Band	<u>IEEE 802.11a ISM</u>

SURFACE SAR



VOLUME SAR



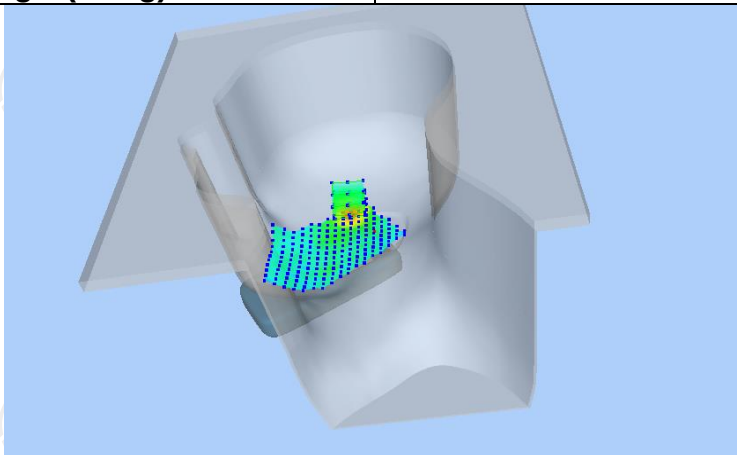
Maximum location: X=-25.00, Y=40.00 SAR Peak: 0.18 W/kg

SAR 10g (W/Kg)

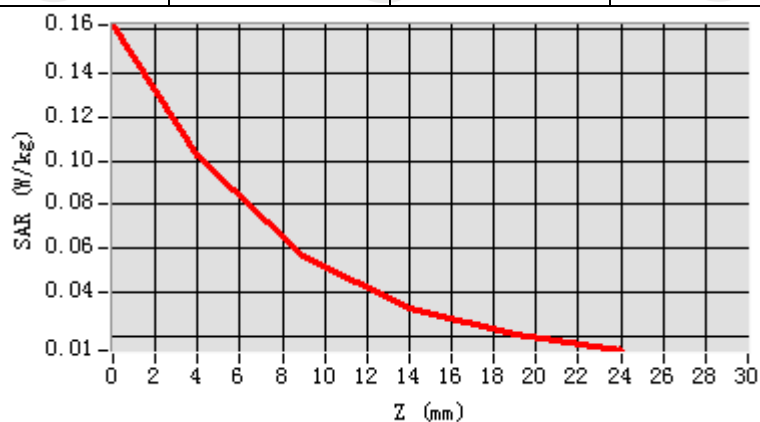
0.062740

SAR 1g (W/Kg)

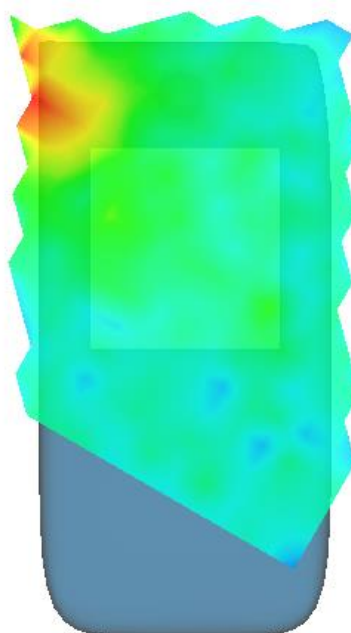
0.118461



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1621	0.1032	0.0510	0.0347	0.0210



Hot spot position



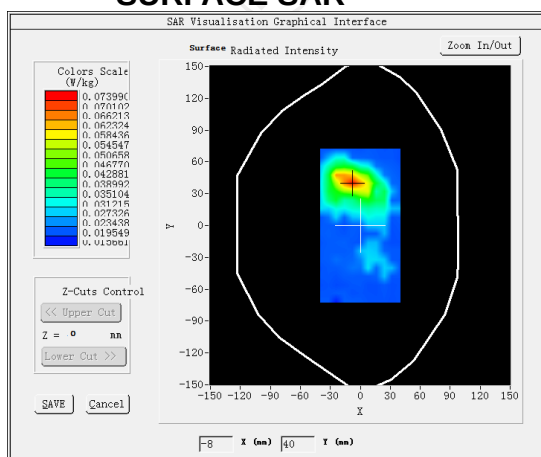
MEASUREMENT 2

SAR (Channel 36):

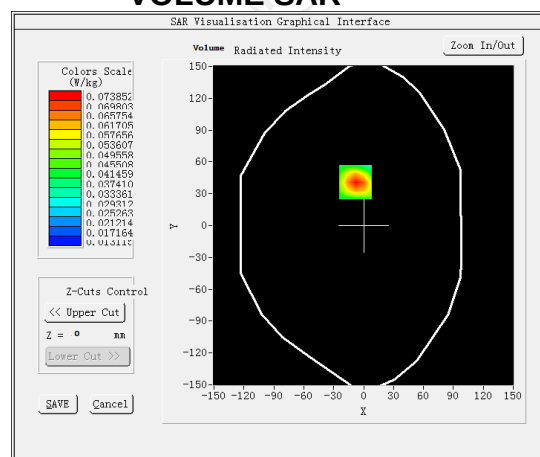
Date: 05/20/2024

Frequency (MHz)	5180.000000
Relative permittivity (real part)	35.698832
Relative permittivity (imaginary part)	13.679428
Conductivity (S/m)	4.420788
Variation (%)	1.110000
Crest Factor	1.0
Probe Conversion factor	2.01
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=10mm dy=10mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7,dx=4mm dy=4mm</u> <u>dz=2mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
Phantom	Validation plane
Device Position	Body back(10mm)
Band	<u>IEEE 802.11a ISM</u>

SURFACE SAR

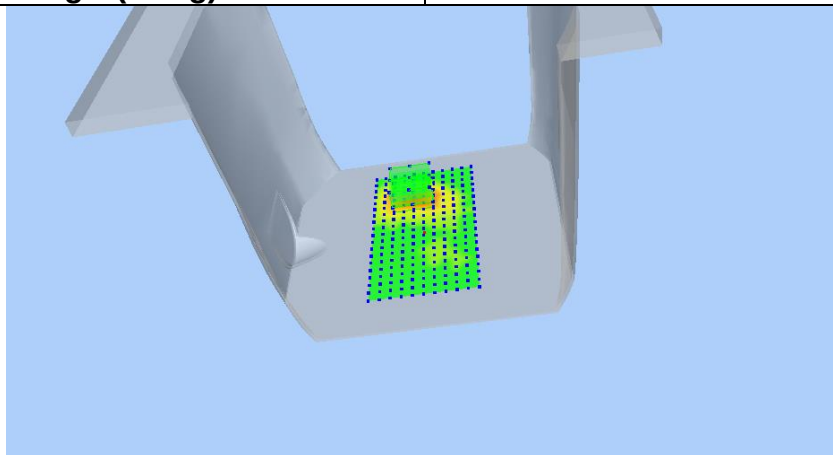


VOLUME SAR

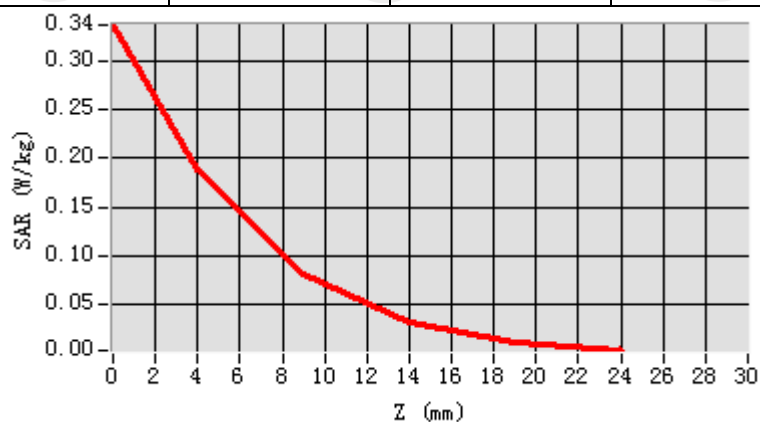


Maximum location: X=16.00, Y=63.00 SAR Peak: 0.10 W/kg

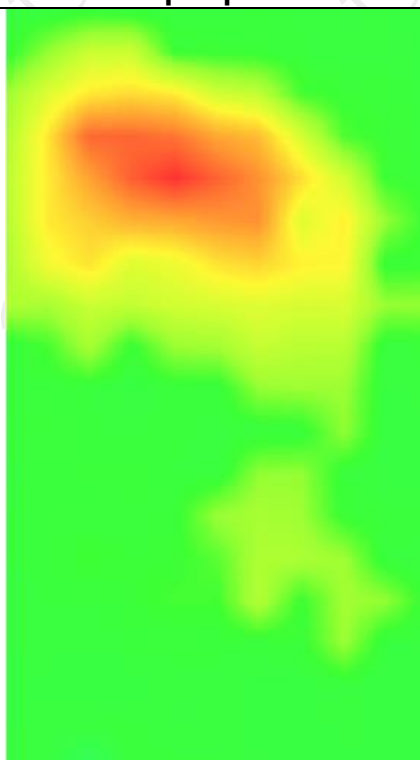
SAR 10g (W/Kg)	0.030642
SAR 1g (W/Kg)	0.076531



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3372	0.1876	0.0816	0.0317	0.0109



Hot spot position



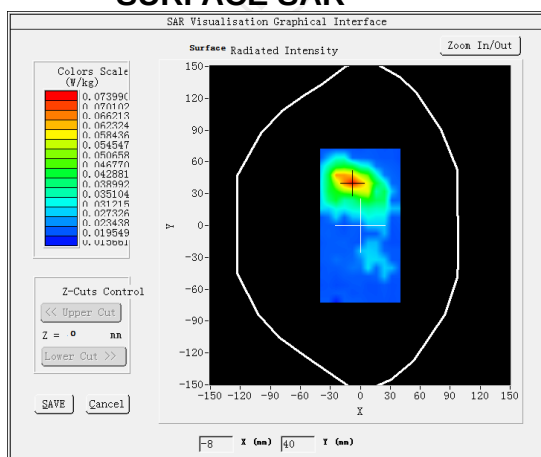
MEASUREMENT 2

SAR (Channel 36):

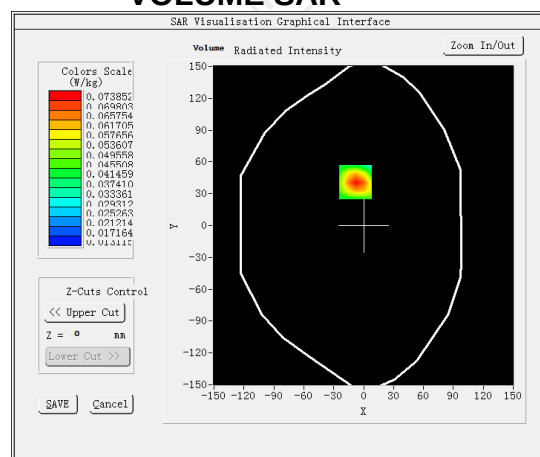
Date: 05/20/2024

Frequency (MHz)	5180.000000
Relative permittivity (real part)	35.698832
Relative permittivity (imaginary part)	13.679428
Conductivity (S/m)	4.420788
Variation (%)	-0.760000
Crest Factor	1.0
Probe Conversion factor	2.01
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=10mm dy=10mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7,dx=4mm dy=4mm</u> <u>dz=2mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
Phantom	Validation plane
Device Position	Body back(10mm)
Band	<u>IEEE 802.11a ISM(hotspot)</u>

SURFACE SAR

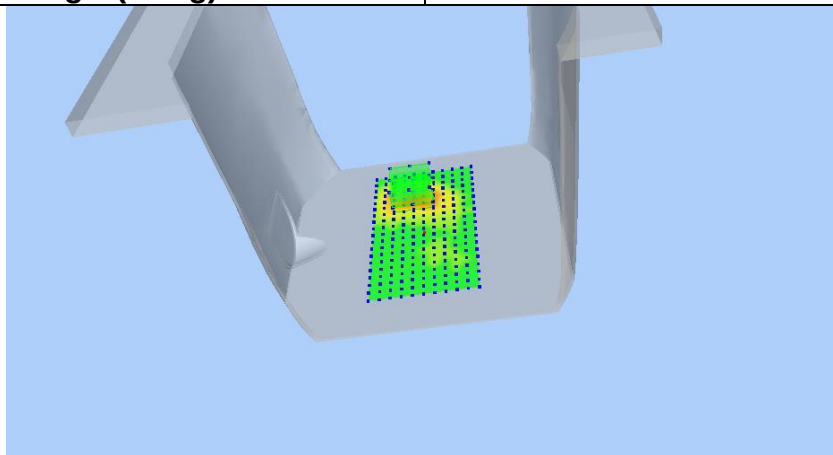


VOLUME SAR

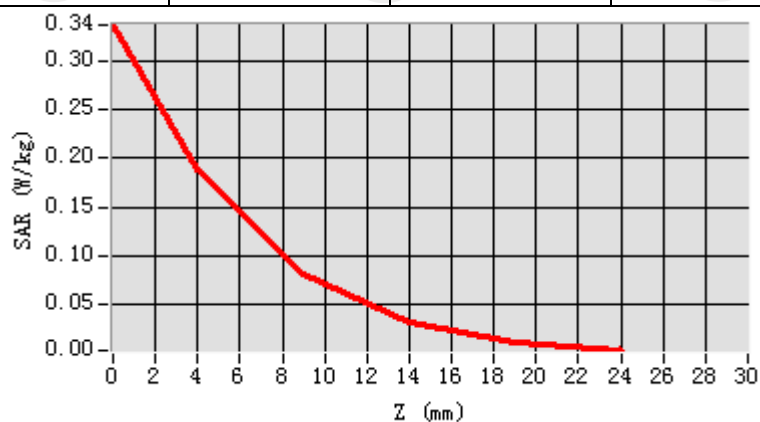


Maximum location: X=16.00, Y=63.00 SAR Peak: 0.12 W/kg

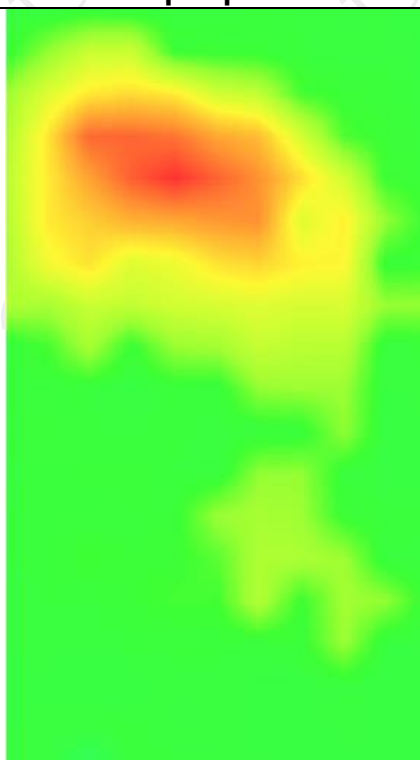
SAR 10g (W/Kg)	0.037946
SAR 1g (W/Kg)	0.080163



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3350	0.1764	0.0911	0.0339	0.0109



Hot spot position



WLAN 5.8G

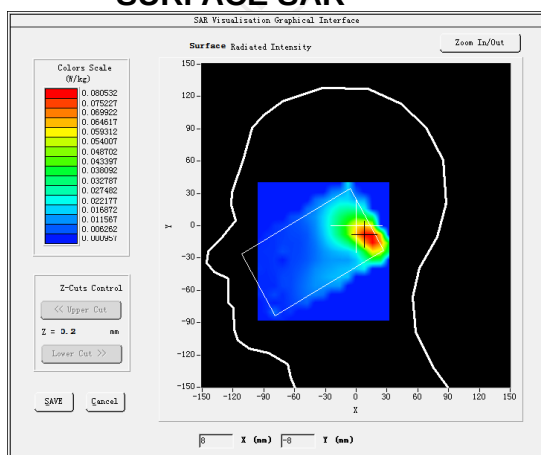
MEASUREMENT 1

SAR (Channel 149):

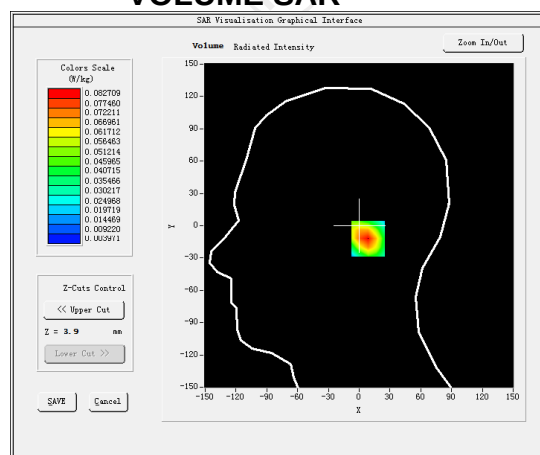
Date: 05/20/2024

Frequency (MHz)	5745.000000
Relative permittivity (real part)	34.852823
Relative permittivity (imaginary part)	13.671675
Conductivity (S/m)	5.130828
Variation (%)	1.190000
Crest Factor	1.0
Probe Conversion factor	2.06
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=10mm dy=10mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7,dx=4mm dy=4mm</u> <u>dz=2mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
Phantom	<u>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>IEEE 802.11n HT20 ISM</u>

SURFACE SAR

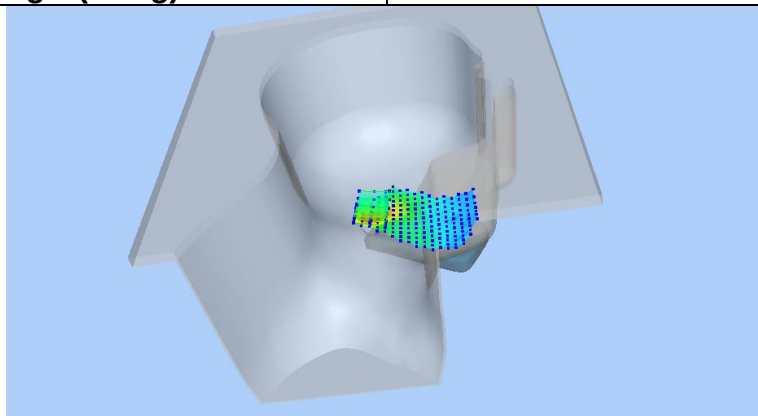


VOLUME SAR

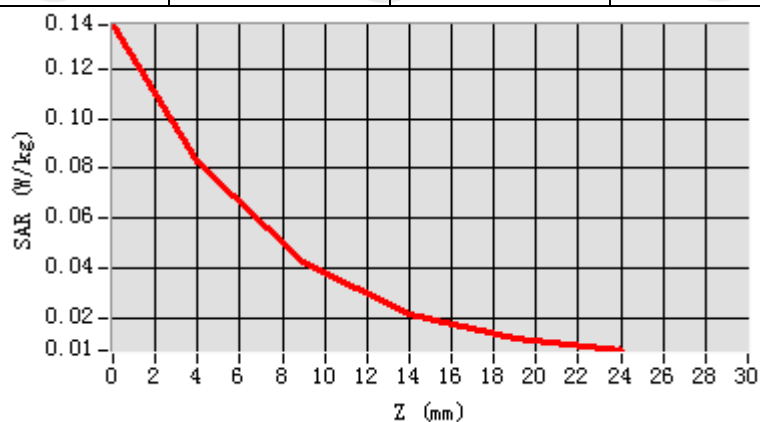


Maximum location: X=18.00, Y=-10.00 SAR Peak: 0.14 W/kg

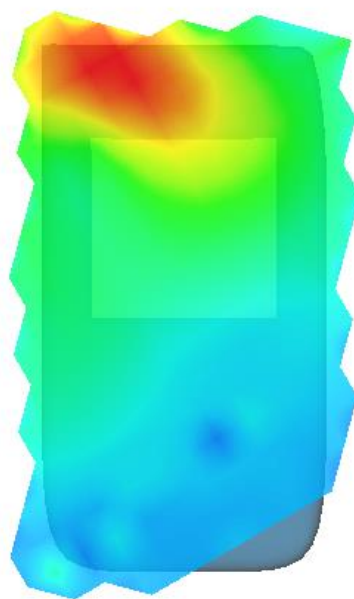
SAR 10g (W/Kg)	0.040322
SAR 1g (W/Kg)	0.086406



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1421	0.0830	0.0422	0.0220	0.0130



Hot spot position



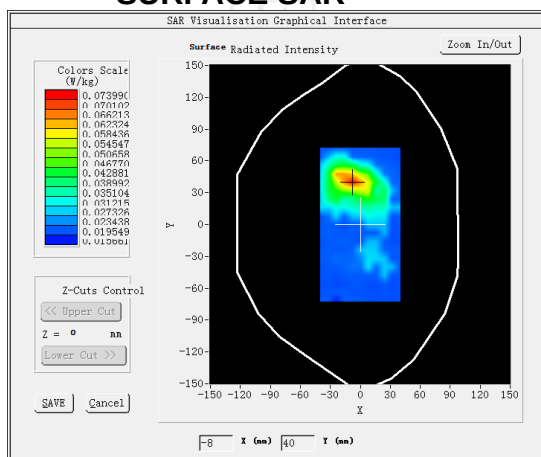
MEASUREMENT 2

SAR (Channel 149):

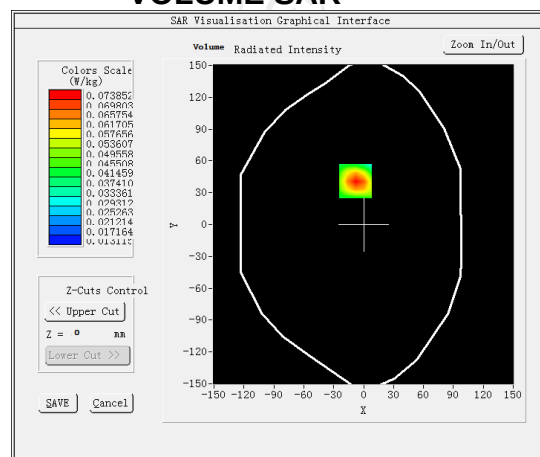
Date: 05/20/2024

Frequency (MHz)	5745.000000
Relative permittivity (real part)	34.852823
Relative permittivity (imaginary part)	13.671675
Conductivity (S/m)	5.130828
Variation (%)	-0.910000
Crest Factor	1.0
Probe Conversion factor	2.06
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=10mm dy=10mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7,dx=4mm dy=4mm</u> <u>dz=2mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
Phantom	Validation plane
Device Position	Body back(10mm)
Band	<u>IEEE 802.11n HT20 ISM</u>

SURFACE SAR

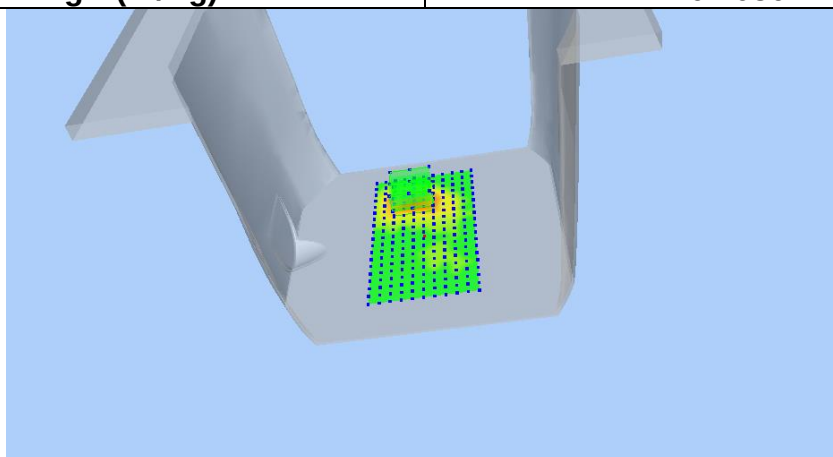


VOLUME SAR

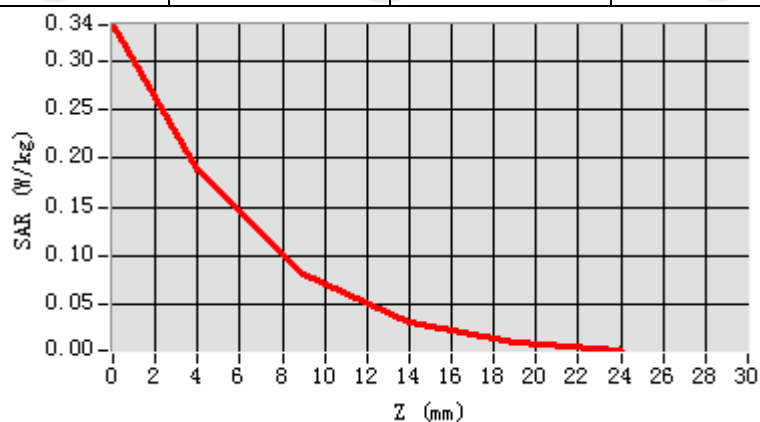


Maximum location: X=15.00, Y=60.00 SAR Peak: 0.34 W/kg

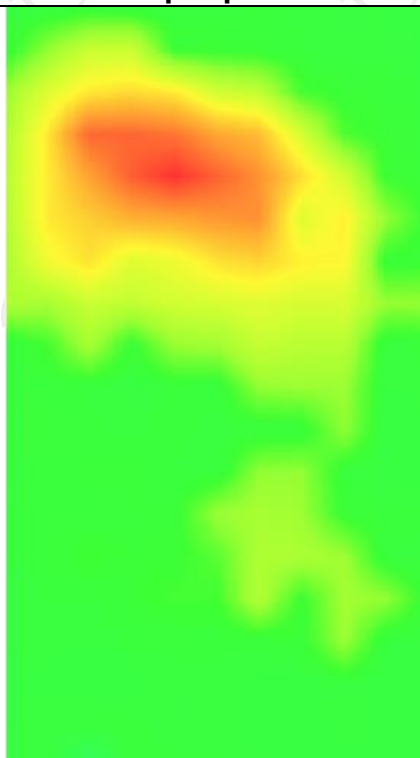
SAR 10g (W/Kg)	0.132152
SAR 1g (W/Kg)	0.208614



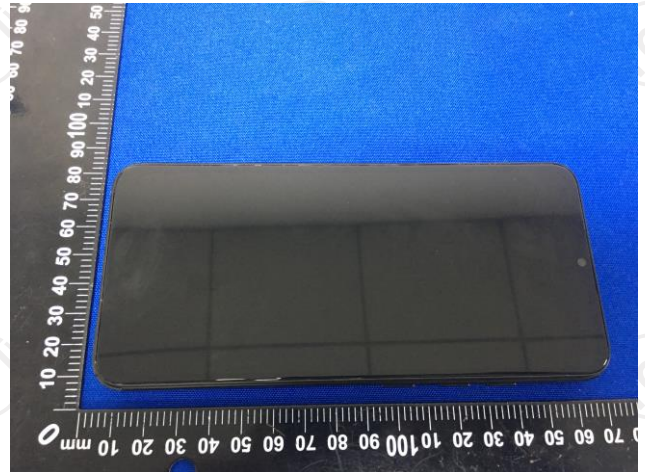
Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3397	0.1890	0.0823	0.0317	0.0117



Hot spot position



Appendix A: EUT Photos



Liquid depth



The Body Liquid of 835MHz (15.4cm)



The Body Liquid of 1800MHz (15.2 cm)



The Body Liquid of 1900MHz (16.4 cm)



The Body Liquid of 2450MHz (15.3cm)



The Body Liquid of 2600MHz (16.5cm)



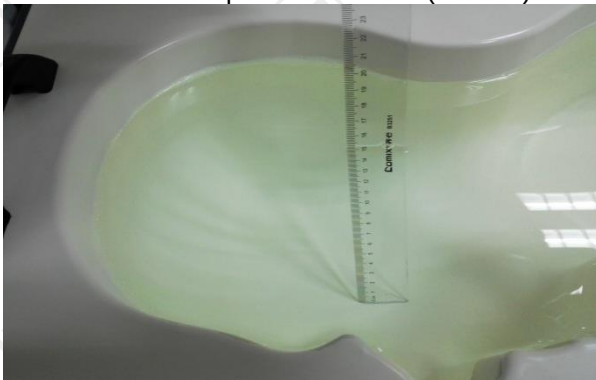
The Body Liquid of 5000-6000MHz (16.5cm)



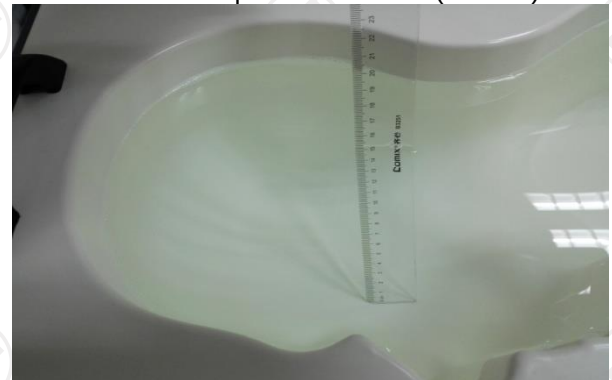
The Head Liquid of 1900MHz (15.5cm)



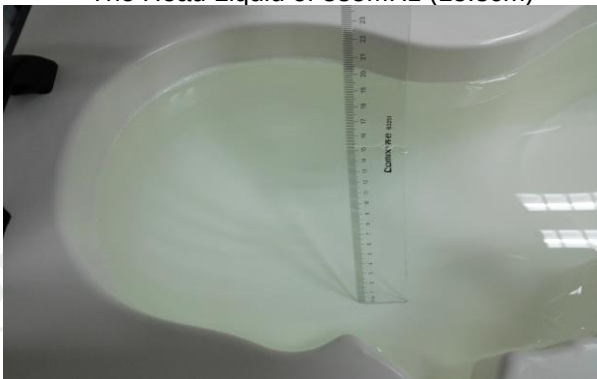
The Head Liquid of 2450MHz (15.6cm)



The Head Liquid of 835MHz (15.3cm)



The Head Liquid of 1800MHz (15.2cm)

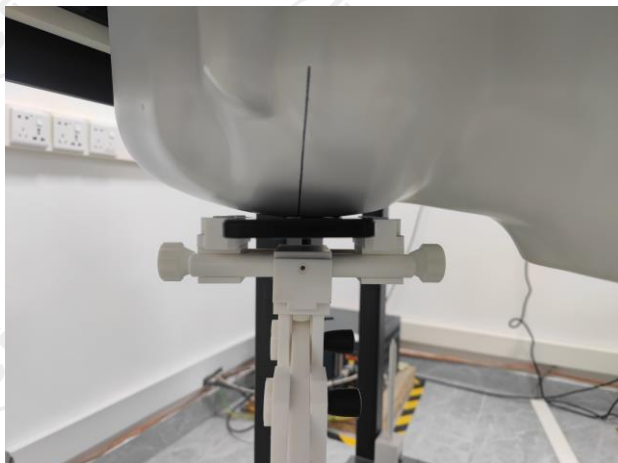


The Head Liquid of 2600MHz (15.1cm)

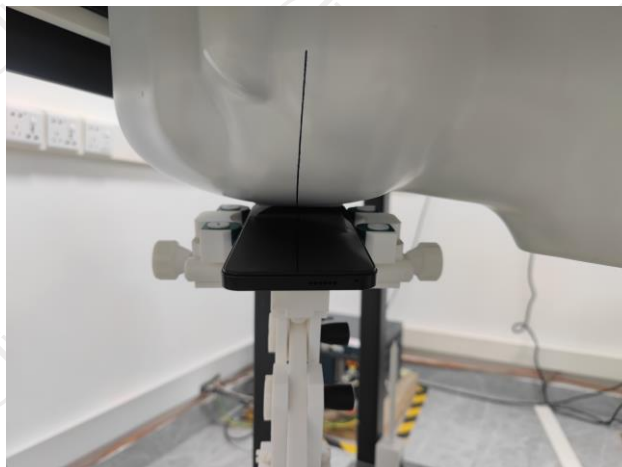


The Body Liquid of 5000-6000MHz MHz (15.8cm)

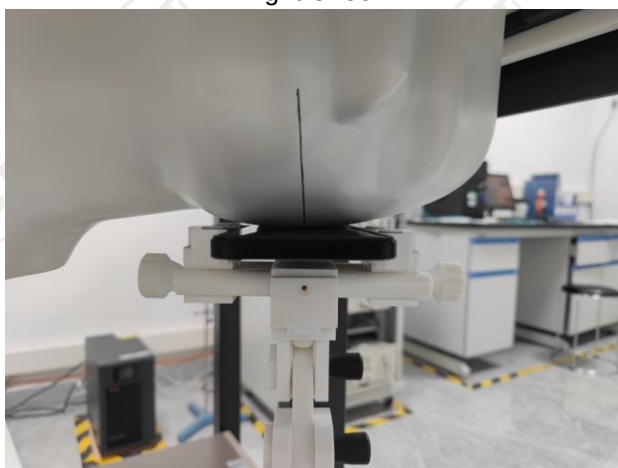
Appendix B: Test Setup Photos



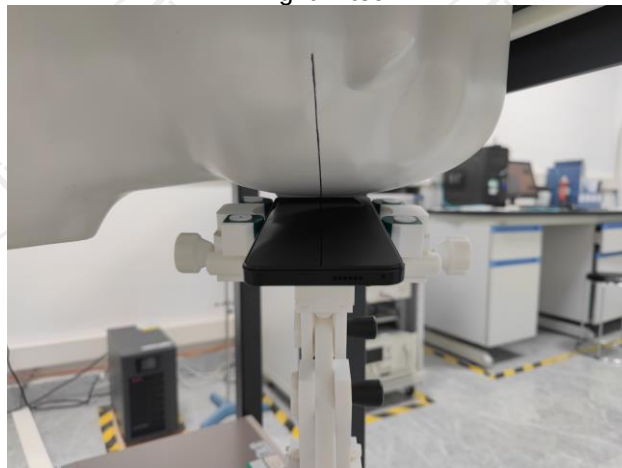
Right Cheek



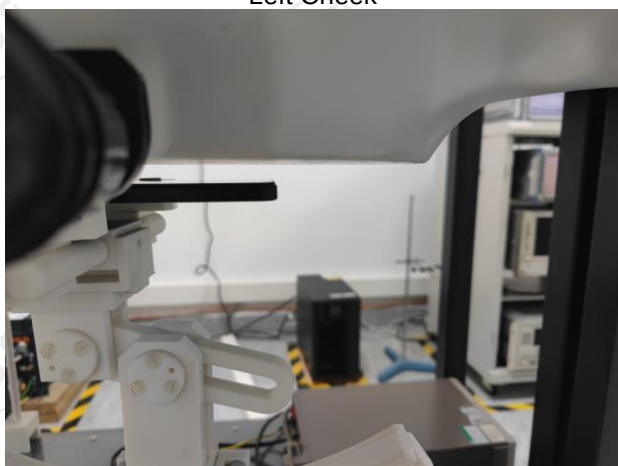
Right Tilted



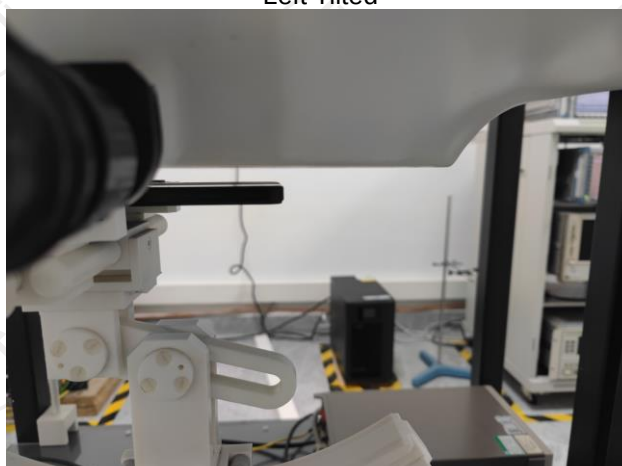
Left Cheek



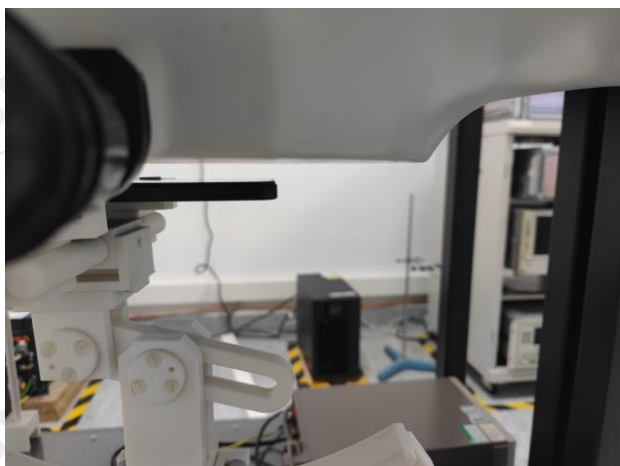
Left Tilted



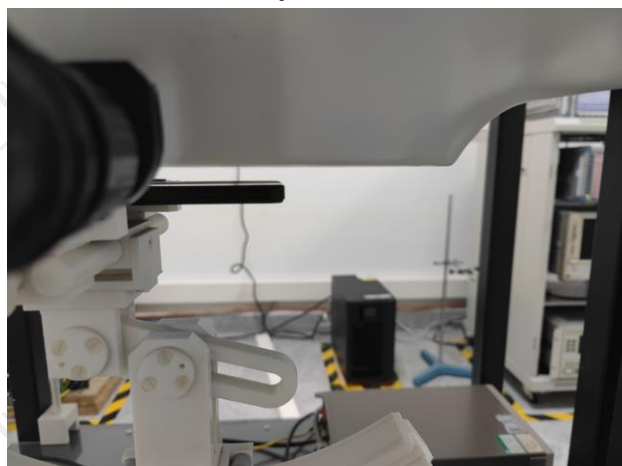
Body worn – Front (10mm)



Body worn – Back (10mm)



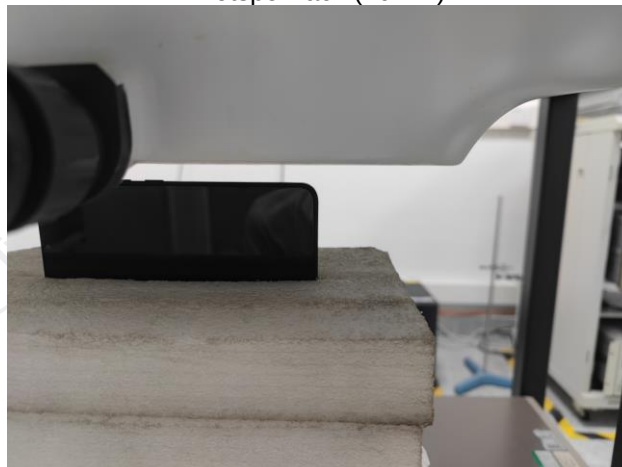
Hotspot Front (10mm)



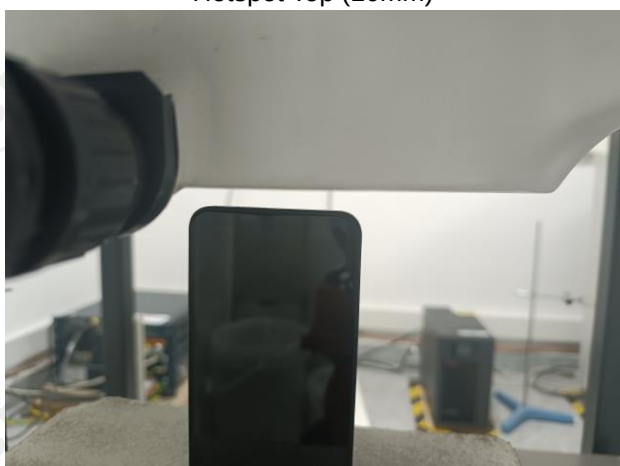
Hotspot Back (10mm)



Hotspot Top (10mm)



Hotspot Right (10mm)



Hotspot Bottom (10mm)



Hotspot Left (10mm)