

12. SAR Test Data

GSM850

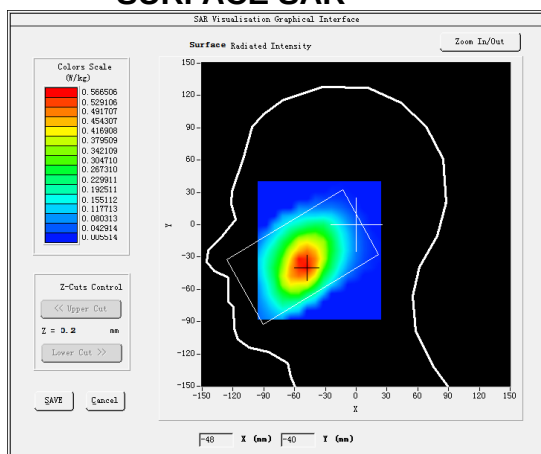
MEASUREMENT 1

Middle Band SAR (Channel 190)

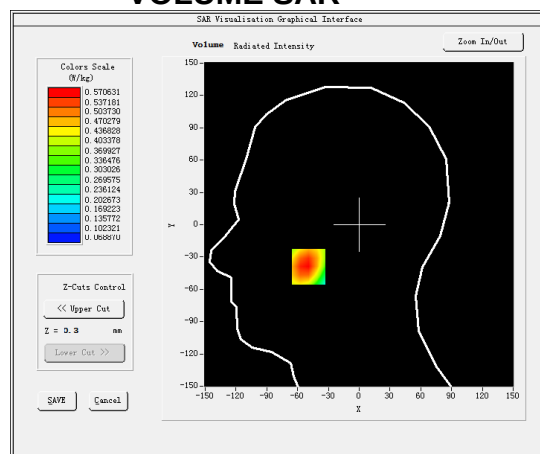
Date: 03/10/2020

Frequency (MHz)	836.600000
Relative permittivity (real part)	41.422883
Relative permittivity (imaginary part)	18.129634
Conductivity (S/m)	0.867241
Variation (%)	3.240000
Crest Factor:	8.3
Probe Conversion factor	5.50
E-Field Probe:	SSE2 (SN 41/18 EP331)
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



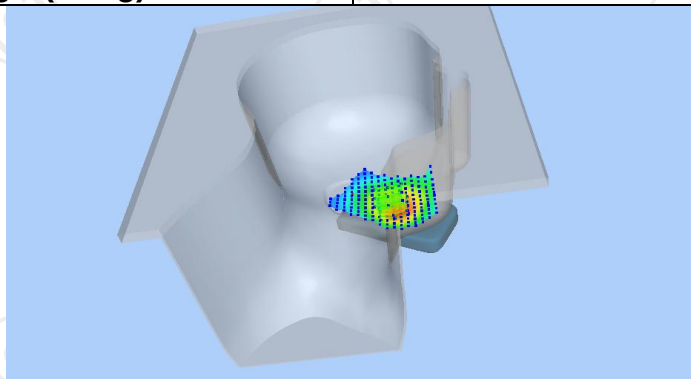
Maximum location: X=-49.00, Y=-39.00 SAR Peak: 0.75 W/kg

SAR 10g (W/Kg)

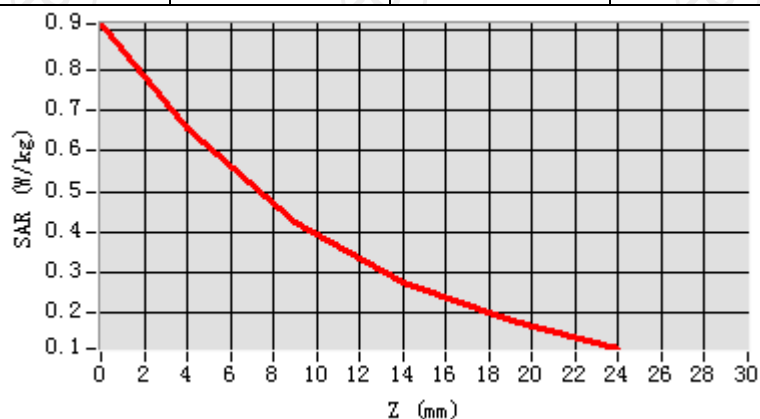
0.384282

SAR 1g (W/Kg)

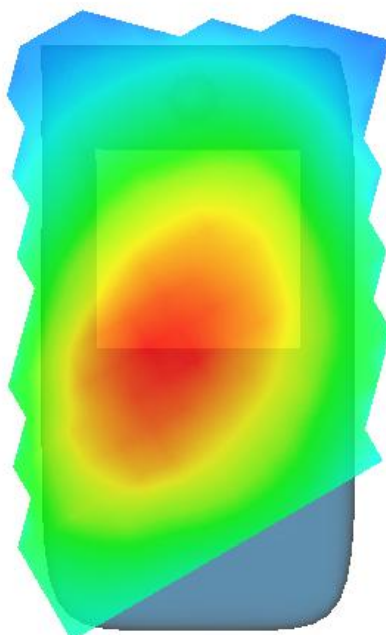
0.551701



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.9139	0.6546	0.4255	0.2757	0.1792



Hot spot position



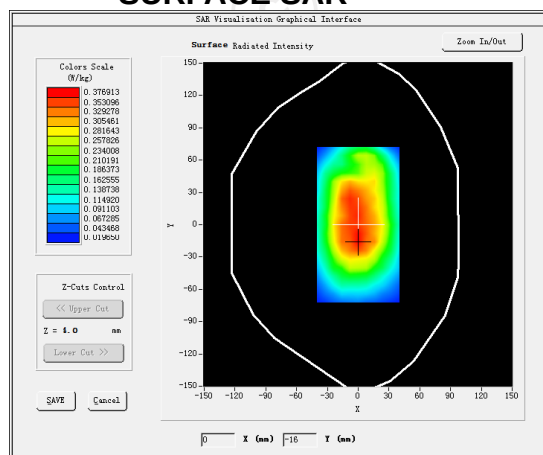
MEASUREMENT 2

Middle Band SAR (Channel 190):

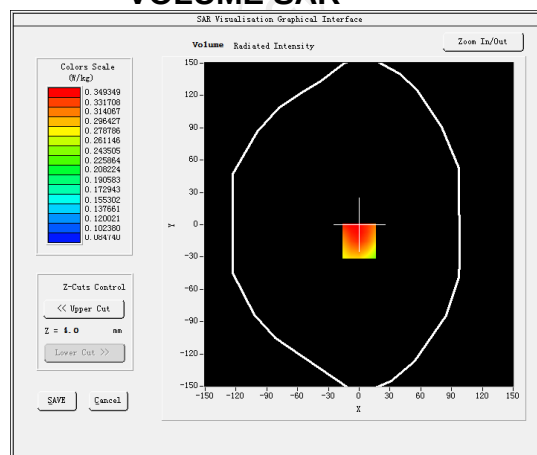
Date: 03/10/2020

Frequency (MHz)	836.600000
Relative permittivity (real part)	55.242927
Relative permittivity (imaginary part)	21.378266
Conductivity (S/m)	0.941230
Variation (%)	-4.600000
Crest Factor:	8.3
Probe Conversion factor	5.65
E-Field Probe:	SSE2 (SN 41/18 EP331)
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(Voice)

SURFACE SAR



VOLUME SAR



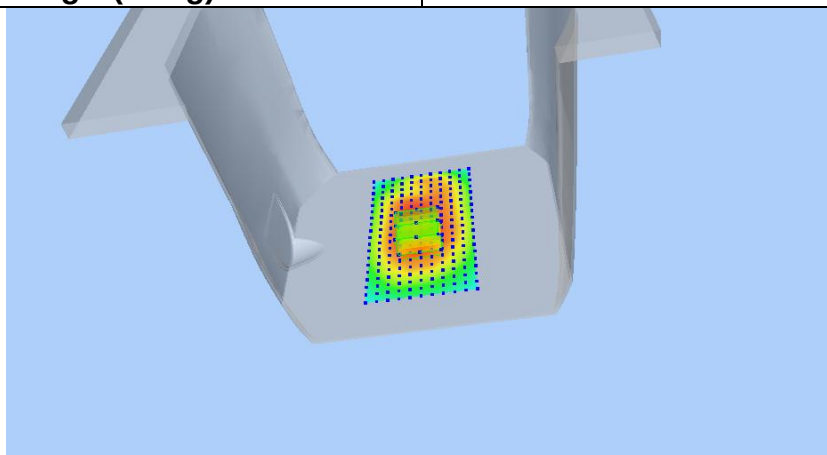
Maximum location: X=0.00, Y=-15.00 SAR Peak: 0.43 W/kg

SAR 10g (W/Kg)

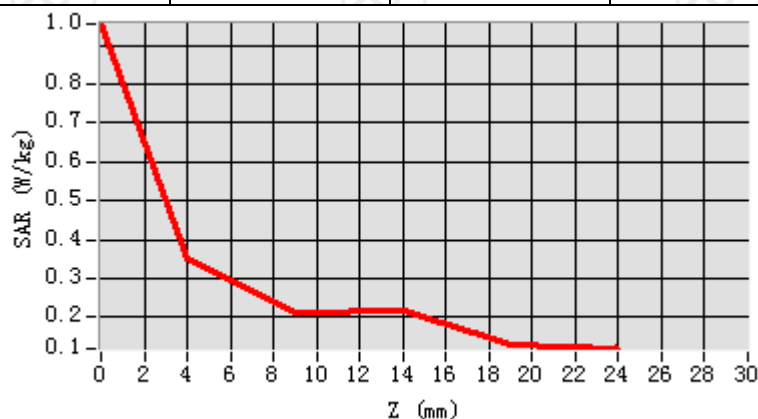
0.259375

SAR 1g (W/Kg)

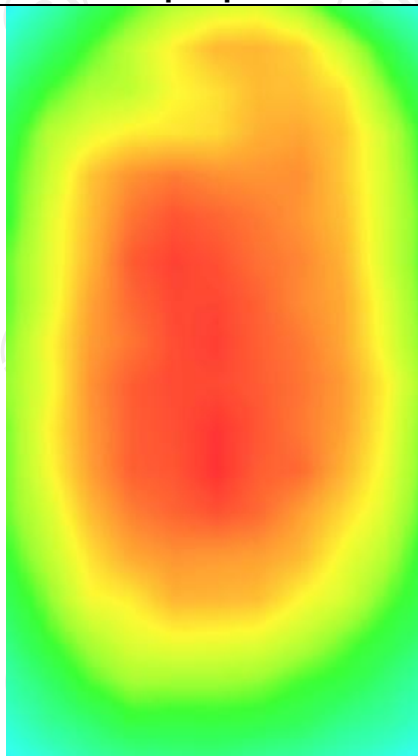
0.339121



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.9547	0.3493	0.2145	0.2163	0.1300



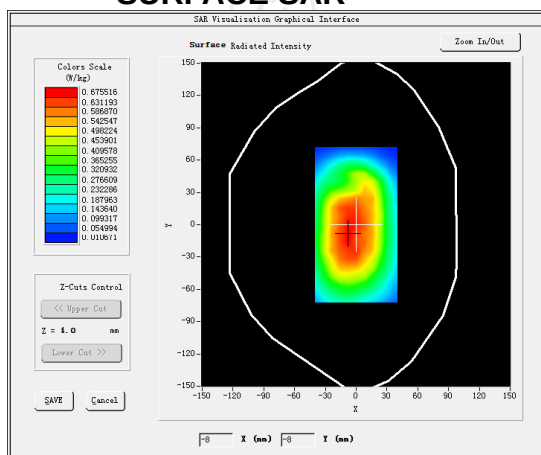
Hot spot position



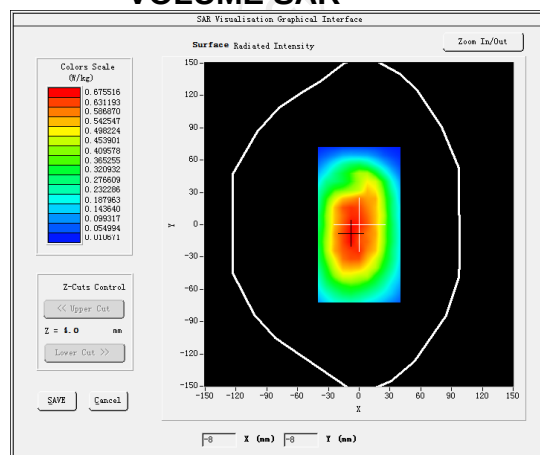
MEASUREMENT 3

Middle Band SAR (Channel 190):		Date: 03/10/2020
Frequency (MHz)	836.600000	
Relative permittivity (real part)	55.242927	
Relative permittivity (imaginary part)	21.378266	
Conductivity (S/m)	0.941230	
Variation (%)	0.200000	
Crest Factor:	2.0	
Probe Conversion factor	5.65	
E-Field Probe:	SSE2 (SN 41/18 EP331)	
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 4slot)	

SURFACE SAR



VOLUME SAR



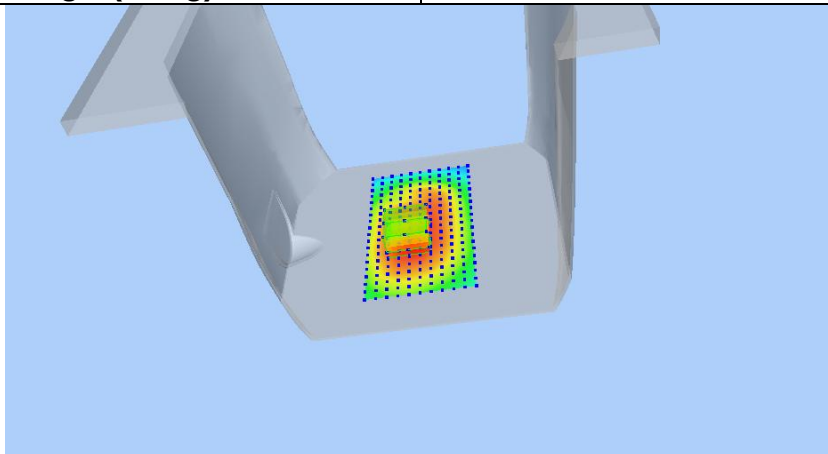
Maximum location: X=-8.00, Y=-14.00 SAR Peak: 0.84 W/kg

SAR 10g (W/Kg)

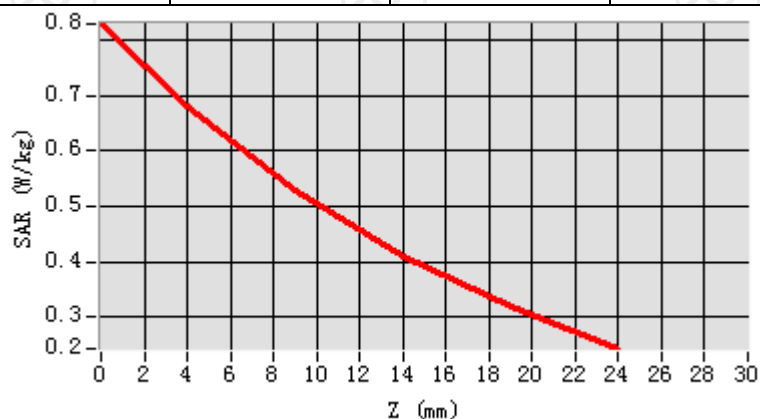
0.494016

SAR 1g (W/Kg)

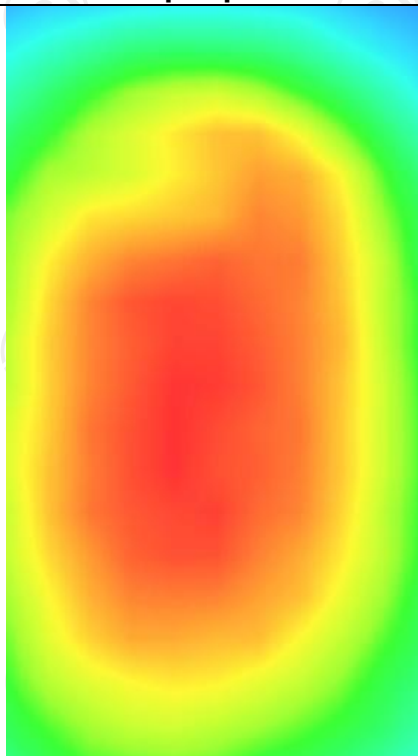
0.660314



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.8297	0.6798	0.5281	0.4101	0.3180



Hot spot position



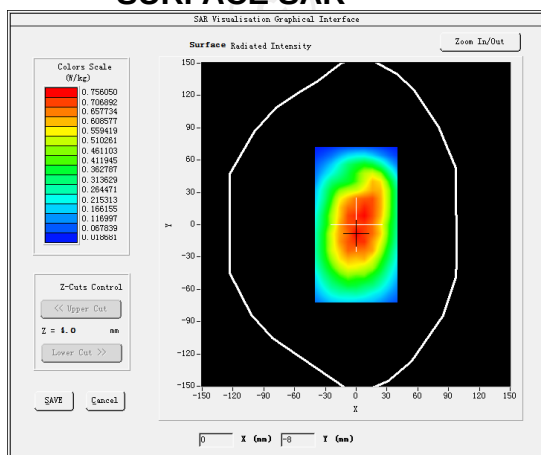
MEASUREMENT 4

Middle Band SAR (Channel 661):

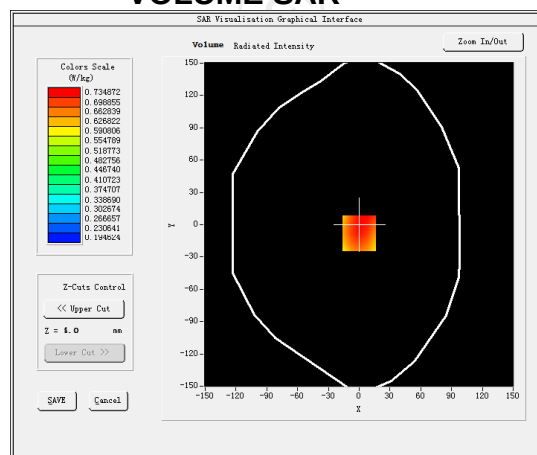
Date: 03/10/2020

Frequency (MHz)	1880.000000
Relative permittivity (real part)	55.242927
Relative permittivity (imaginary part)	21.378266
Conductivity (S/m)	0.941230
Variation (%)	-0.370000
Crest Factor:	2.0
Probe Conversion factor	5.65
E-Field Probe:	SSE2 (SN 41/18 EP331)
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 4slot hotspot)</u>

SURFACE SAR



VOLUME SAR



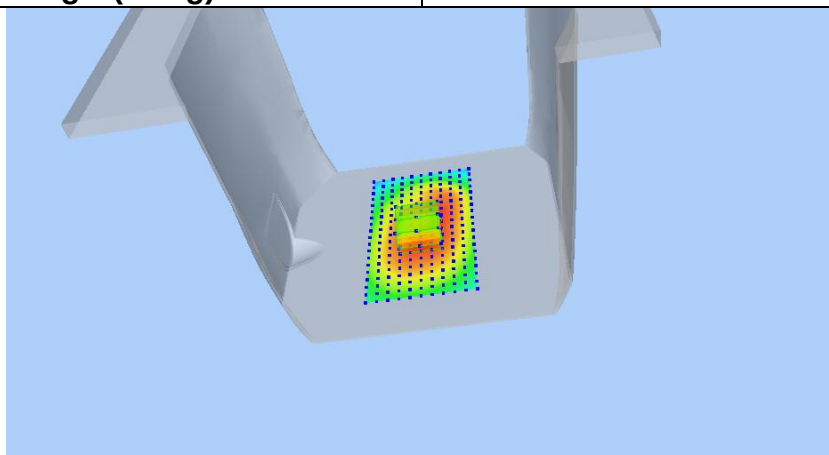
Maximum location: X=0.00, Y=-8.00 SAR Peak: 0.92 W/kg

SAR 10g (W/Kg)

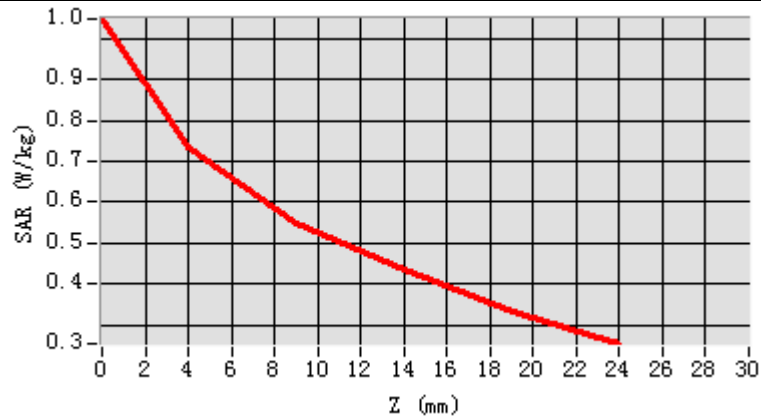
0.490886

SAR 1g (W/Kg)

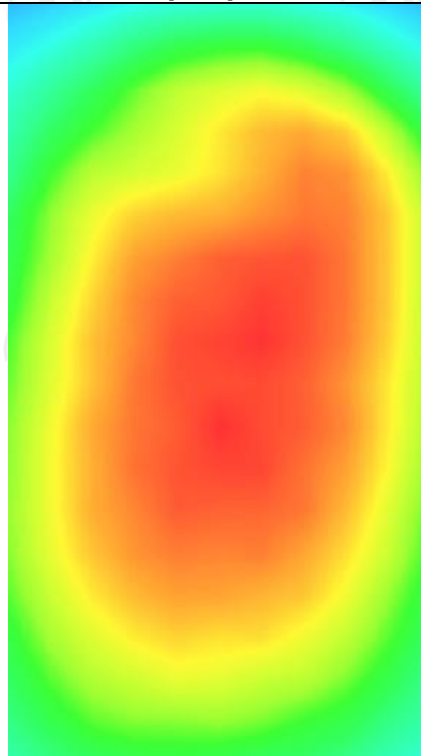
0.664912



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.0470	0.7349	0.5467	0.4377	0.3352



Hot spot position

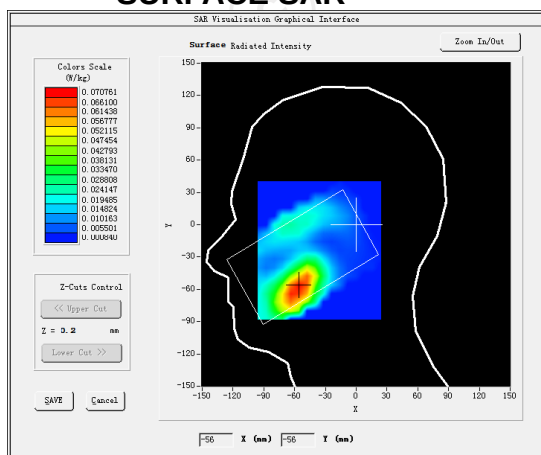


GPRS 1900

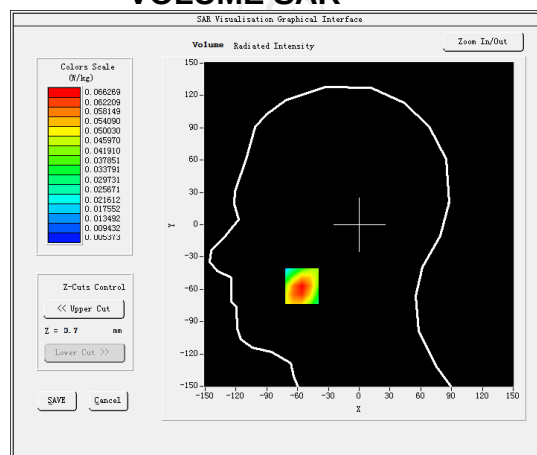
MEASUREMENT 1

Lower Band SAR (Channel 512):		Date: 03/22/2020
Frequency (MHz)	1850.200000	
Relative permittivity (real part)	39.105208	
Relative permittivity (imaginary part)	12.607628	
Conductivity (S/m)	1.342108	
Variation (%)	2.720000	
Crest Factor	8.3	
Probe Conversion factor	4.85	
E-Field Probe:	SSE2 (SN 41/18 EP331)	
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	GSM1900(voice)	

SURFACE SAR



VOLUME SAR



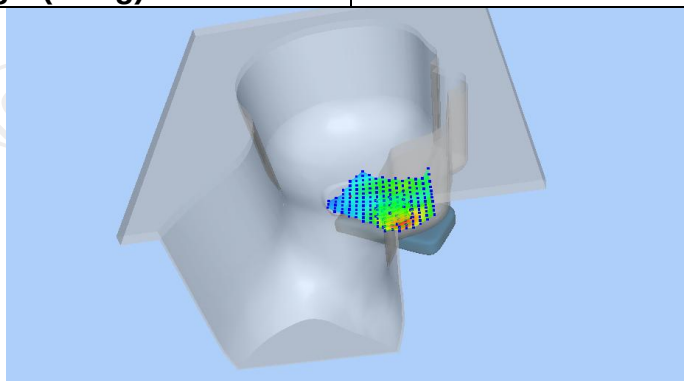
Maximum location: X=-56.00, Y=-57.00 SAR Peak: 0.09 W/kg

SAR 10g (W/Kg)

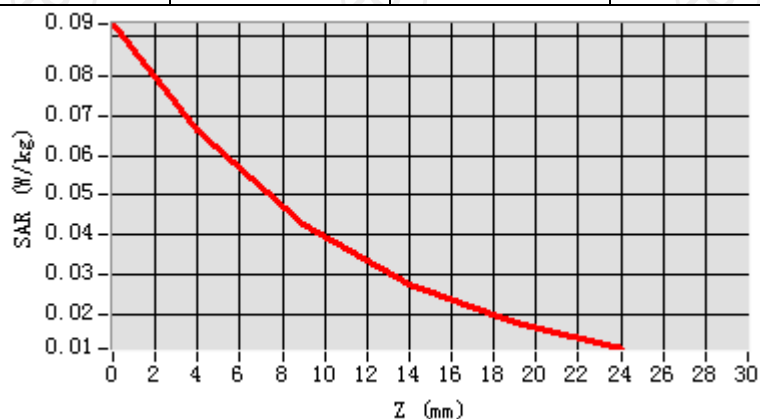
0.038330

SAR 1g (W/Kg)

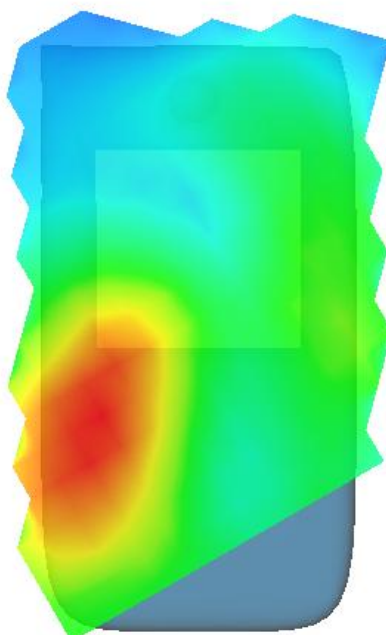
0.063015



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0932	0.0663	0.0427	0.0275	0.0178



Hot spot position



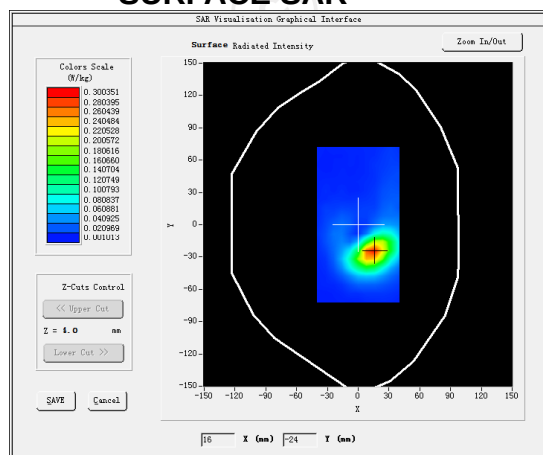
MEASUREMENT 2

Lower Band SAR (Channel 512):

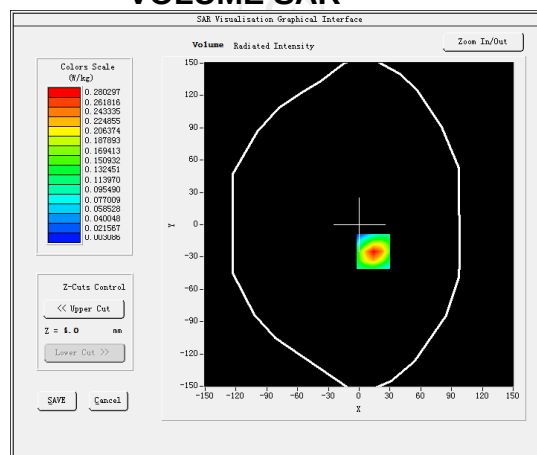
Date: 03/22/2020

Frequency (MHz)	1850.200000
Relative permittivity (real part)	53.341337
Relative permittivity (imaginary part)	14.232400
Conductivity (S/m)	1.491736
Variation (%)	-2.200000
Crest Factor	8.3
Probe Conversion factor	5.01
E-Field Probe:	SSE2 (SN 41/18 EP331)
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



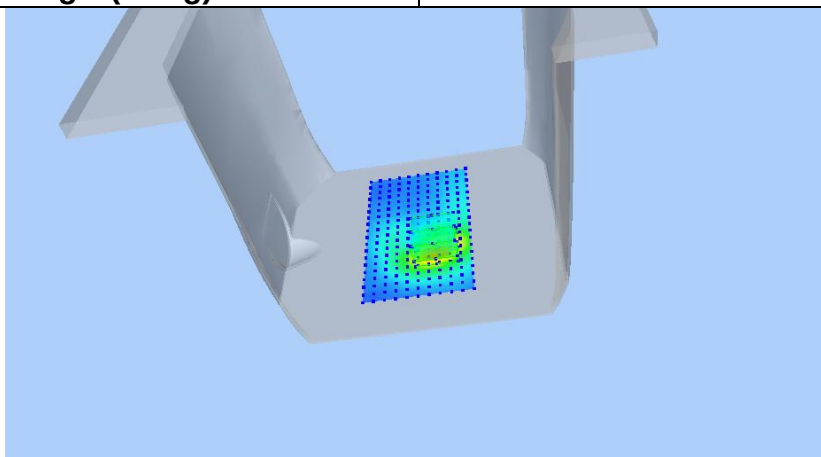
Maximum location: X=14.00, Y=-25.00 SAR Peak: 0.43 W/kg

SAR 10g (W/Kg)

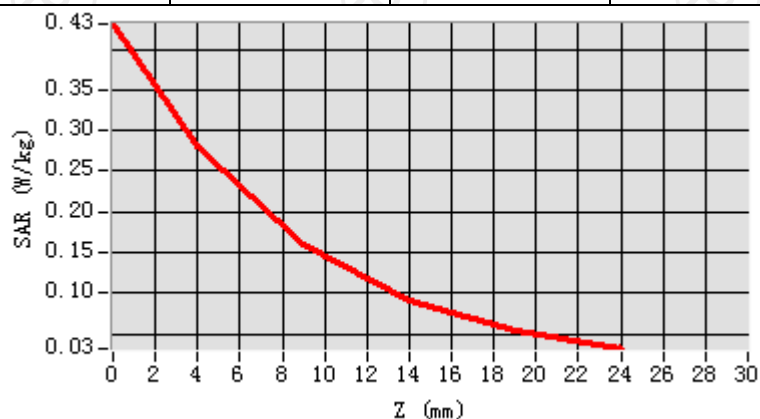
0.133387

SAR 1g (W/Kg)

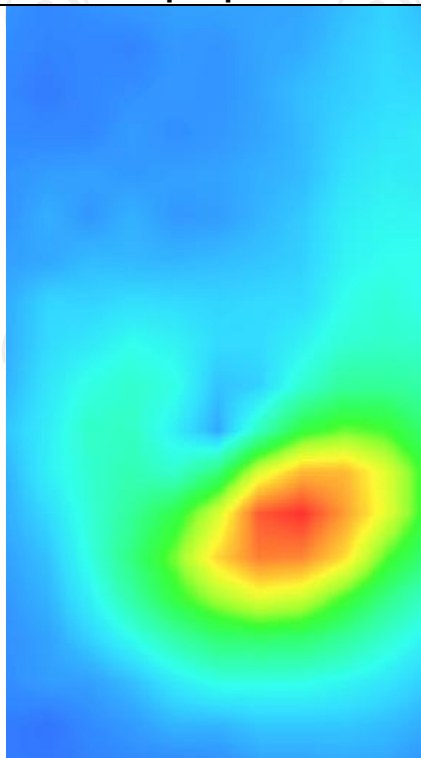
0.258472



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.4314	0.2803	0.1598	0.0915	0.0543



Hot spot position



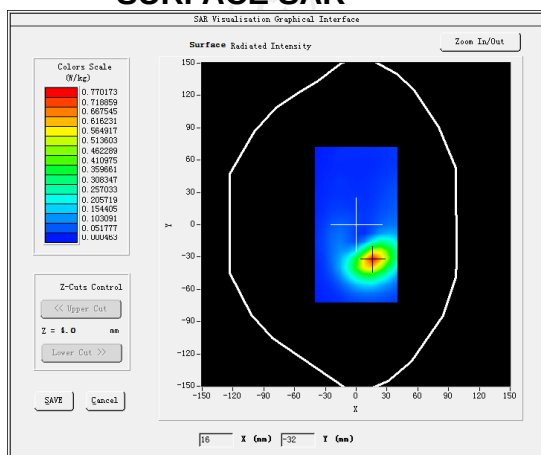
MEASUREMENT 3

Lower Band SAR (Channel 512):

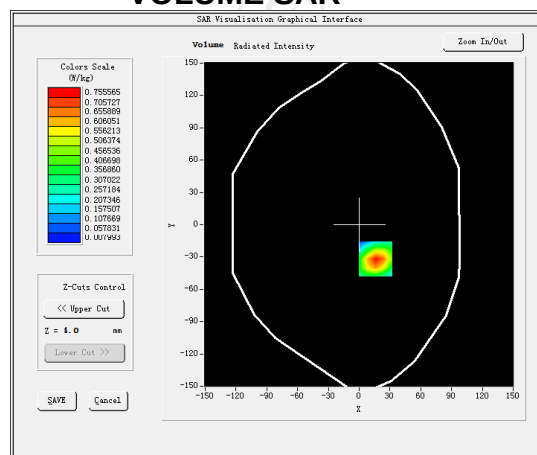
Date: 03/22/2020

Frequency (MHz)	1850.200000
Relative permittivity (real part)	53.341337
Relative permittivity (imaginary part)	14.232400
Conductivity (S/m)	1.491736
Variation (%)	-1.470000
Crest Factor	2.0
Probe Conversion factor	5.01
E-Field Probe:	SSE2 (SN 41/18 EP331)
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 4slot)</u>

SURFACE SAR



VOLUME SAR



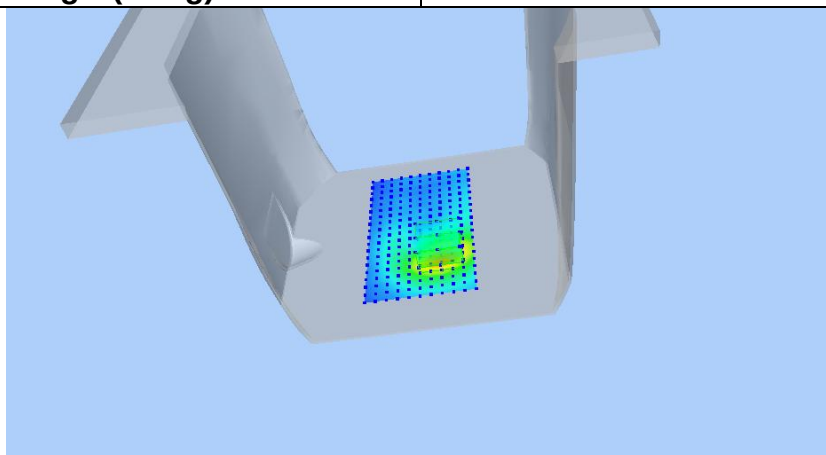
Maximum location: X=16.00, Y=-32.00 SAR Peak: 1.23 W/kg

SAR 10g (W/Kg)

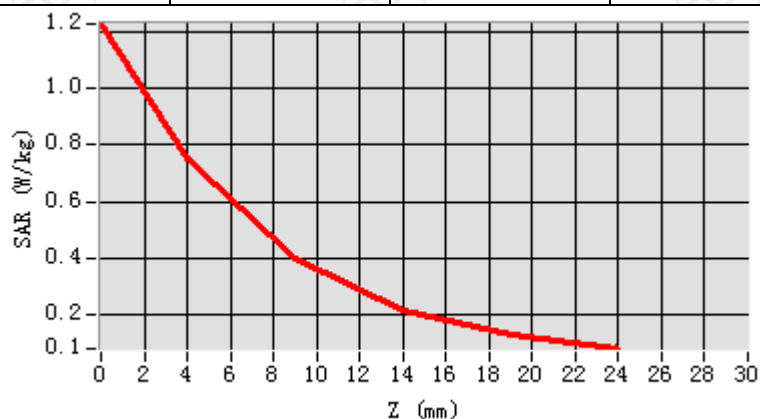
0.356599

SAR 1g (W/Kg)

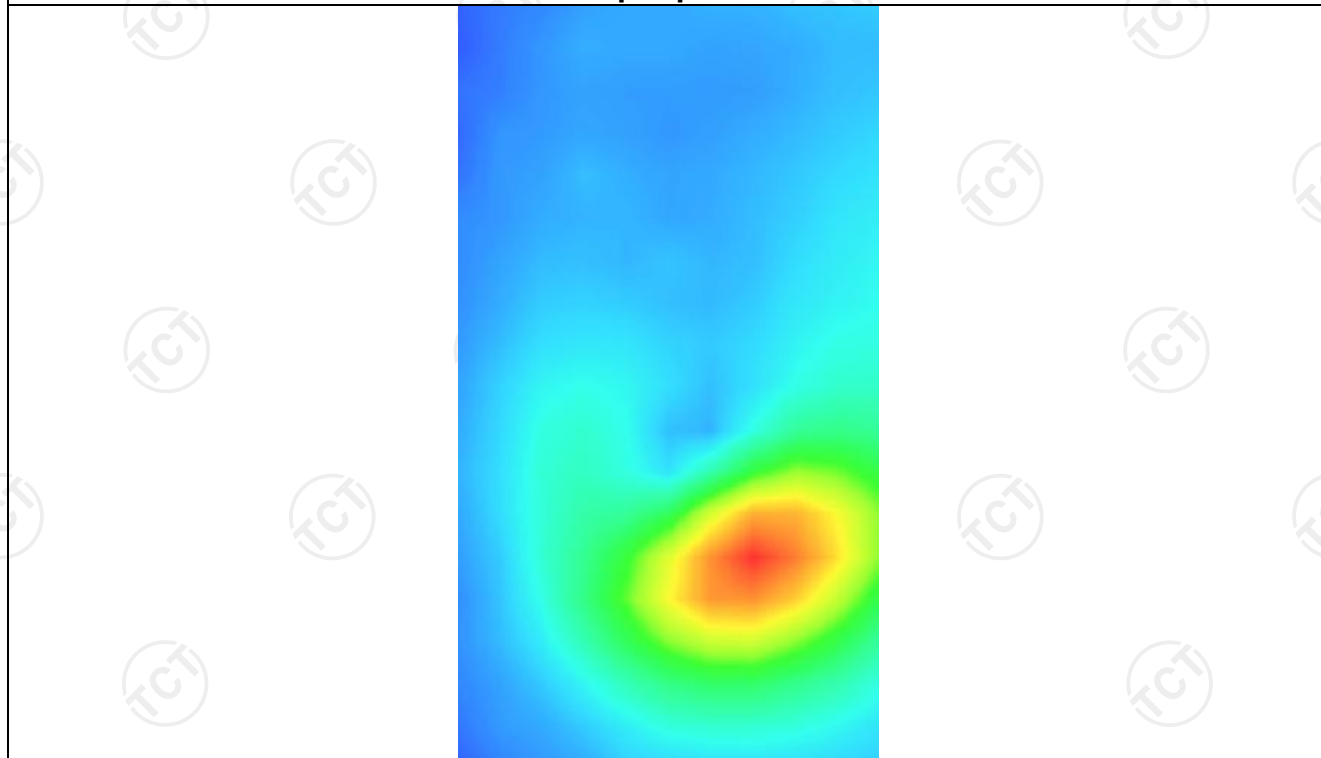
0.700530



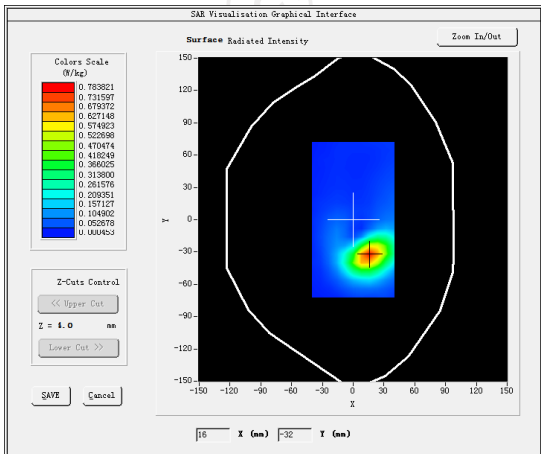
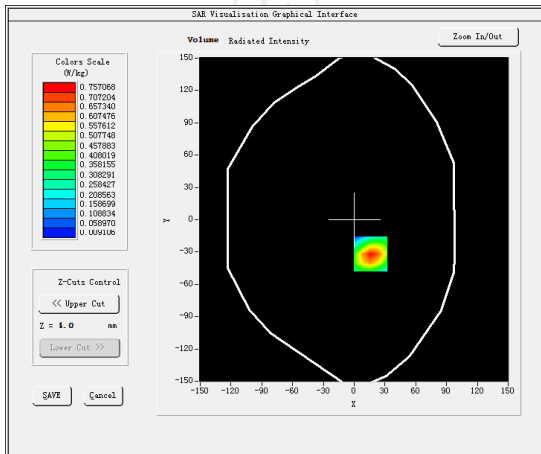
Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.2264	0.7556	0.4017	0.2188	0.1306

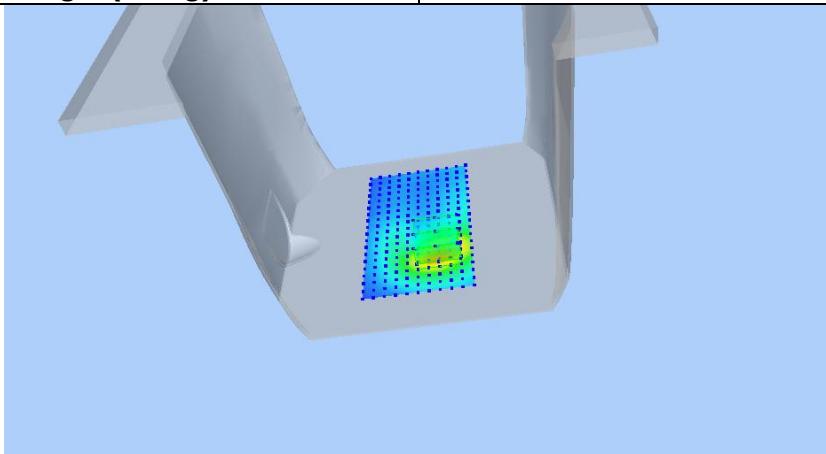


Hot spot position

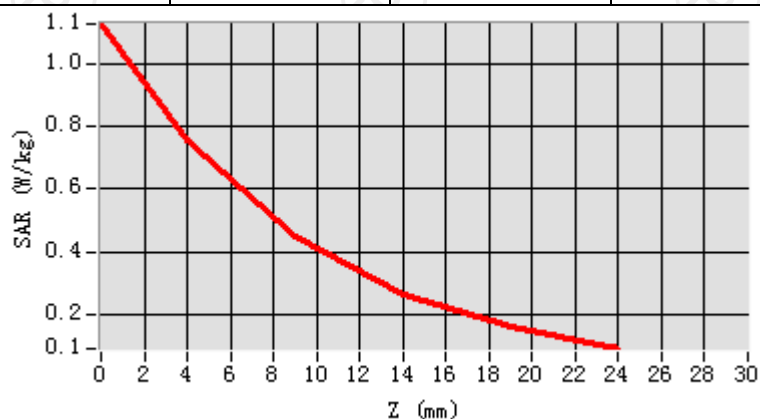


MEASUREMENT 4

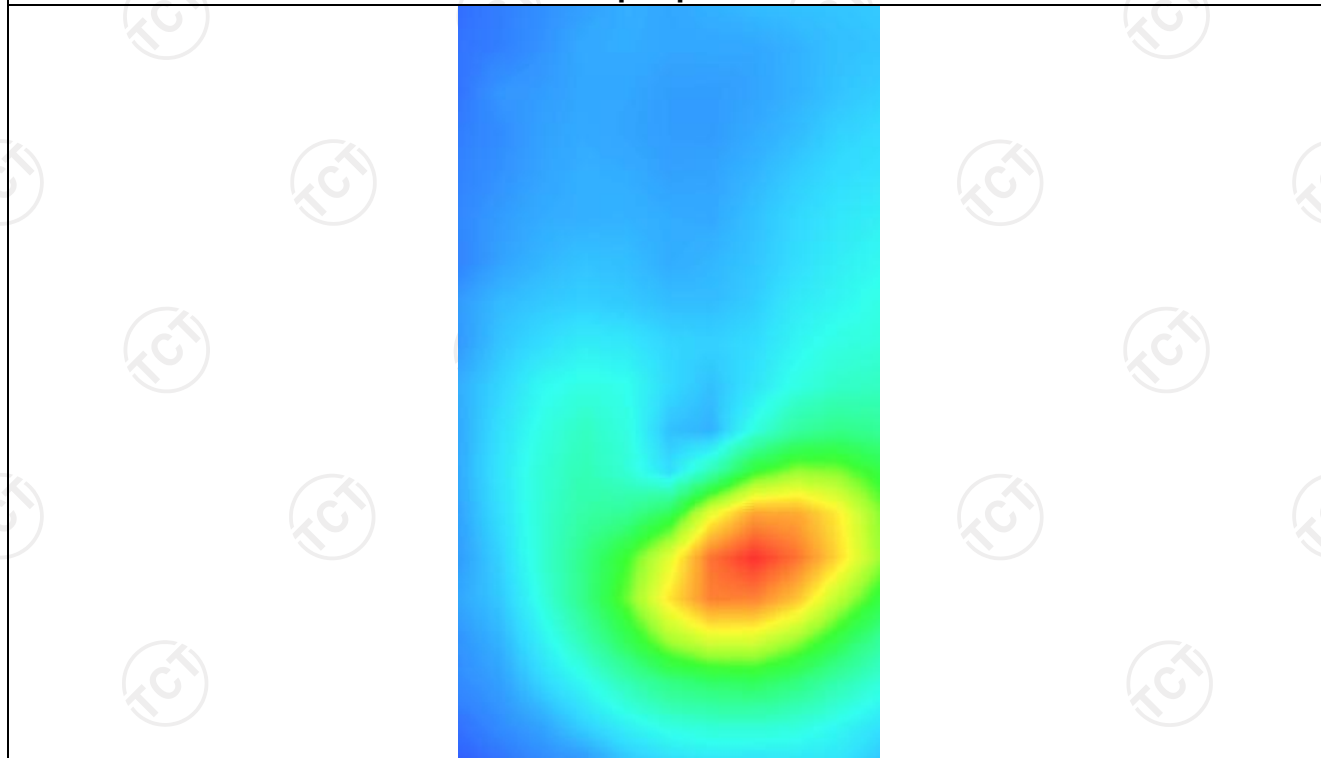
<u>Lower Band SAR (Channel 512):</u>		Date: 03/22/2020
Frequency (MHz)	1850.200000	
Relative permittivity (real part)	53.341337	
Relative permittivity (imaginary part)	14.232400	
Conductivity (S/m)	1.491736	
Variation (%)	-1.700000	
Crest Factor	2.0	
Probe Conversion factor	5.01	
E-Field Probe:	SSE2 (SN 41/18 EP331)	
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 4slot hotspot)</u>	
SURFACE SAR	VOLUME SAR	
		
Maximum location: X=16.00, Y=-32.00 SAR Peak: 1.14 W/kg		
SAR 10g (W/Kg)	0.375484	
SAR 1g (W/Kg)	0.701961	



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.1277	0.7571	0.4501	0.2664	0.1596



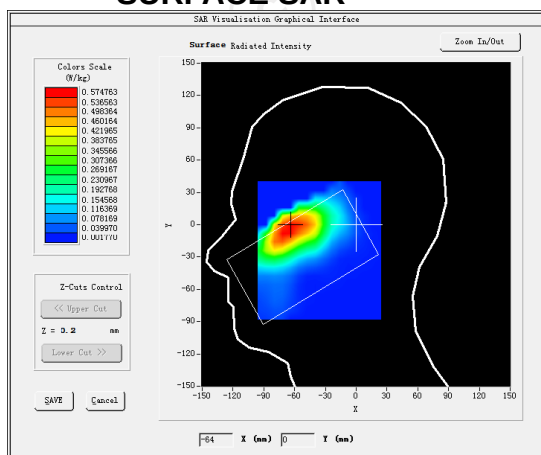
Hot spot position



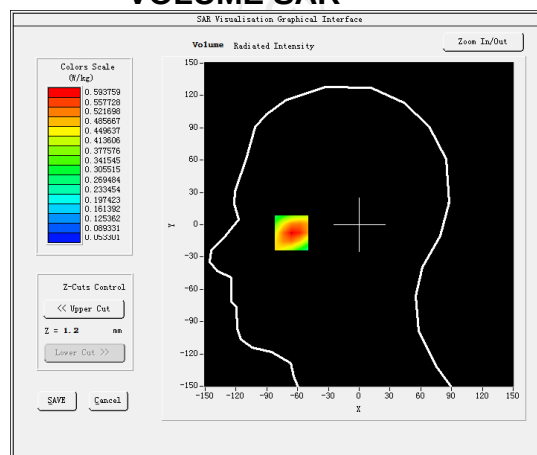
WCDMA Band II MEASUREMENT 1

Middle Band SAR (Channel 9400):		Date: 03/22/2020
Frequency (MHz)	1880.000000	
Relative permittivity (real part)	39.102437	
Relative permittivity (imaginary part)	12.607241	
Conductivity (S/m)	1.347279	
Variation (%)	2.460000	
Crest Factor	1.0	
Probe Conversion factor	4.85	
E-Field Probe:	SSE2 (SN 41/18 EP331)	
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	BAND2 WCDMA1900	

SURFACE SAR



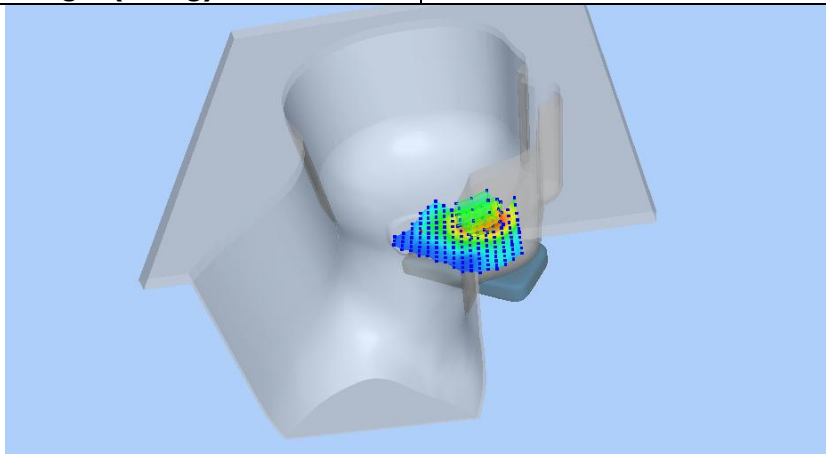
VOLUME SAR



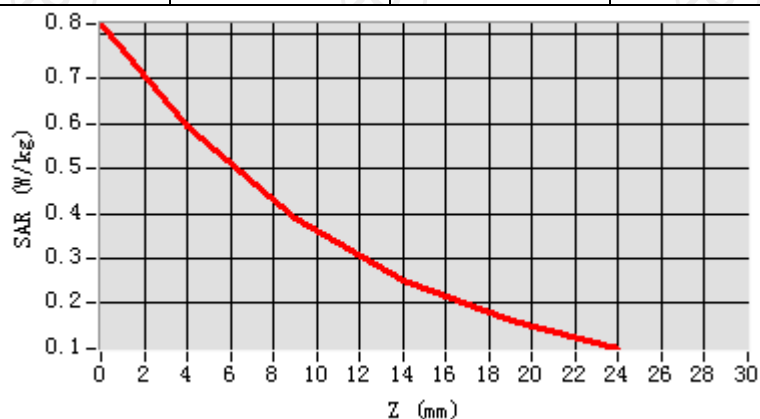
Maximum location: X=-66.00, Y=-5.00 SAR Peak: 0.83 W/kg

SAR 10g (W/Kg) 0.348773

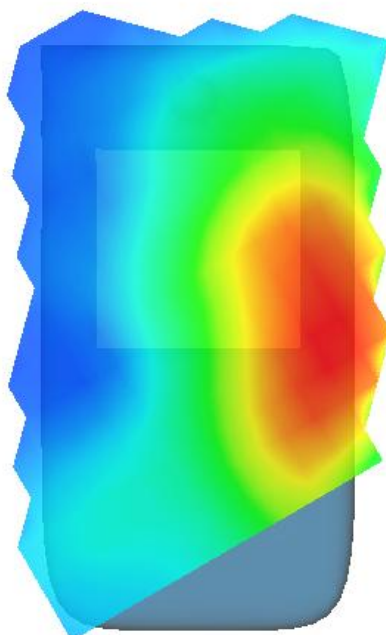
SAR 1g (W/Kg) 0.562938



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.8227	0.5938	0.3887	0.2521	0.1623



Hot spot position



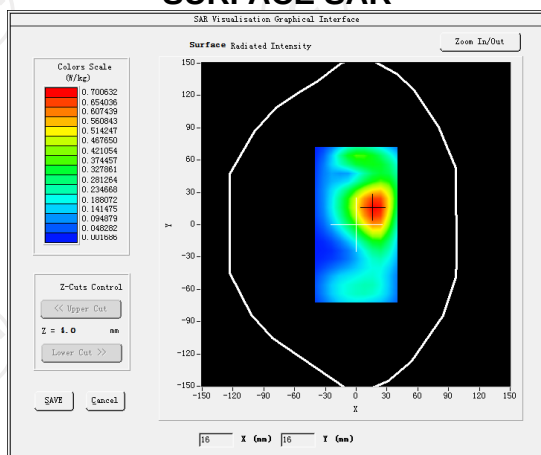
MEASUREMENT 2

Middle Band SAR (Channel 9400):

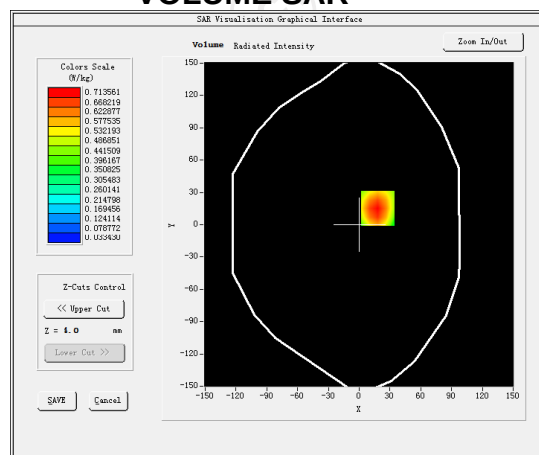
Date: 03/22/2020

Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.321337
Relative permittivity (imaginary part)	14.232400
Conductivity (S/m)	1.496736
Variation (%)	-1.730000
Crest Factor	1.0
Probe Conversion factor	5.01
E-Field Probe:	SSE2 (SN 41/18 EP331)
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	BAND2 WCDMA1900

SURFACE SAR



VOLUME SAR



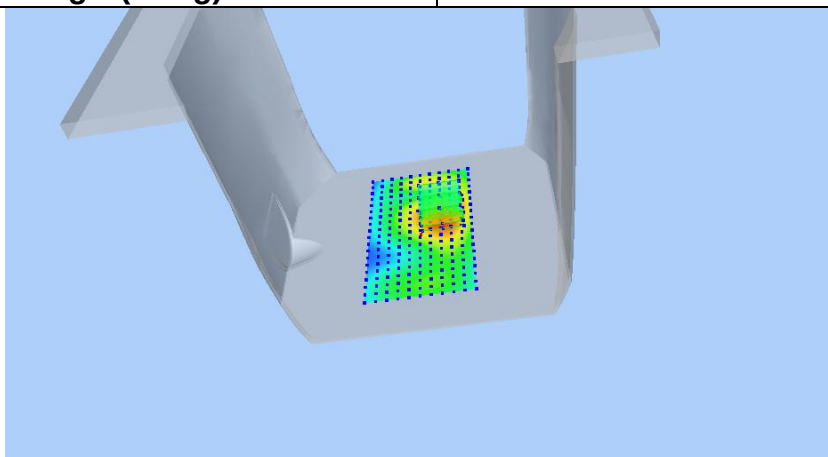
Maximum location: X=18.00, Y=15.00 SAR Peak: 1.02 W/kg

SAR 10g (W/Kg)

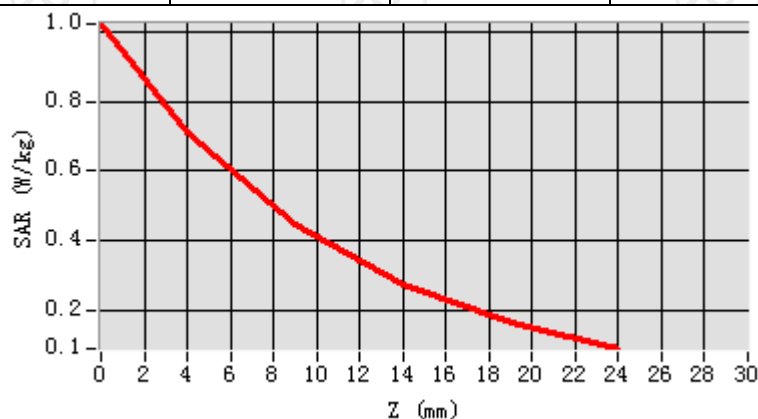
0.403860

SAR 1g (W/Kg)

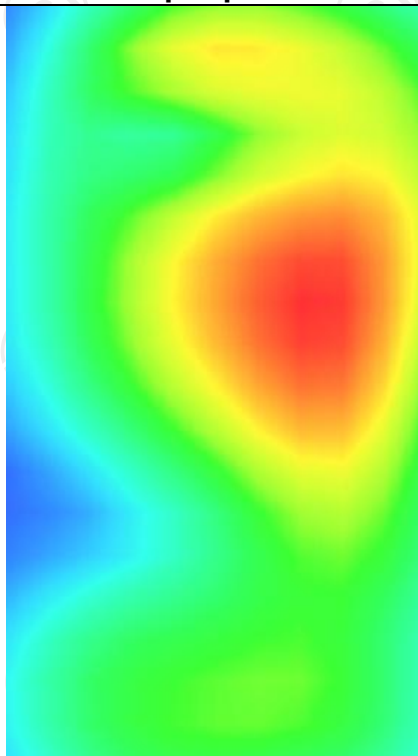
0.676382



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.0209	0.7136	0.4457	0.2737	0.1655



Hot spot position



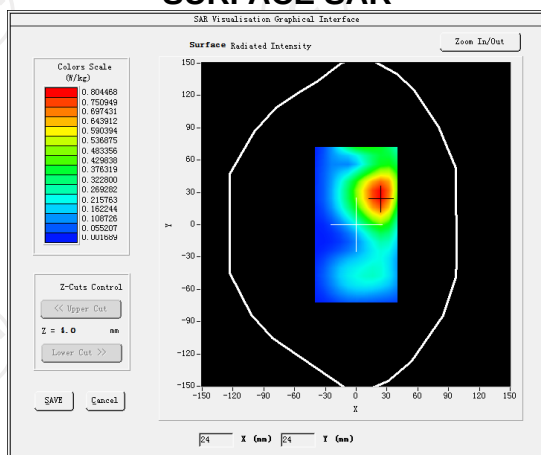
MEASUREMENT 3

Middle Band SAR (Channel 9400):

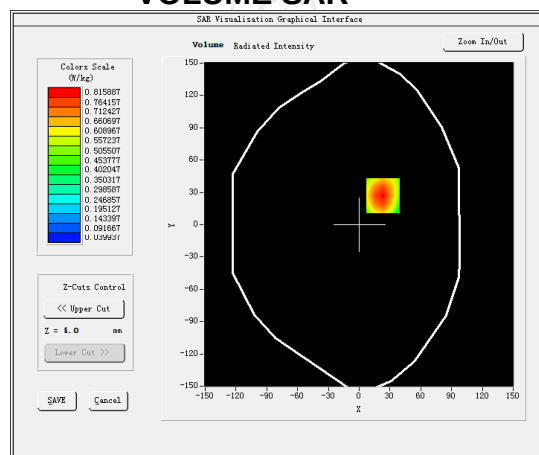
Date: 03/22/2020

Frequency (MHz)	1880.000000
Relative permittivity (real part)	53.321337
Relative permittivity (imaginary part)	14.232400
Conductivity (S/m)	1.496736
Variation (%)	-1.170000
Crest Factor	1.0
Probe Conversion factor	5.01
E-Field Probe:	SSE2 (SN 41/18 EP331)
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	BAND2 WCDMA1900

SURFACE SAR



VOLUME SAR



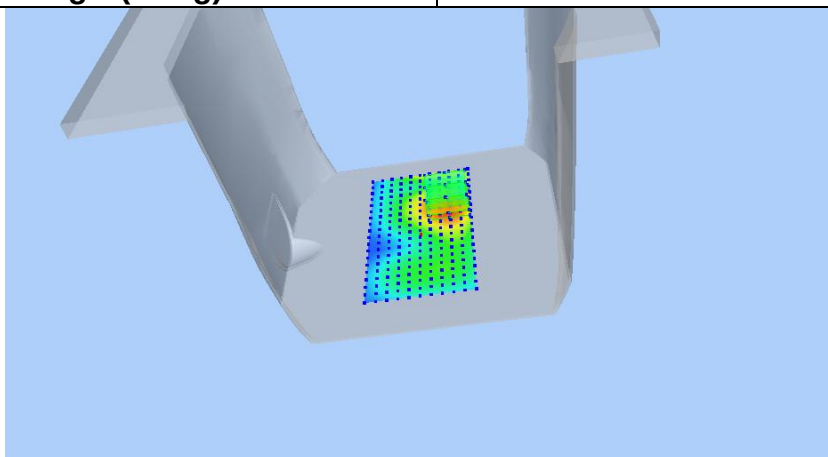
Maximum location: X=23.00, Y=27.00 SAR Peak: 1.18 W/kg

SAR 10g (W/Kg)

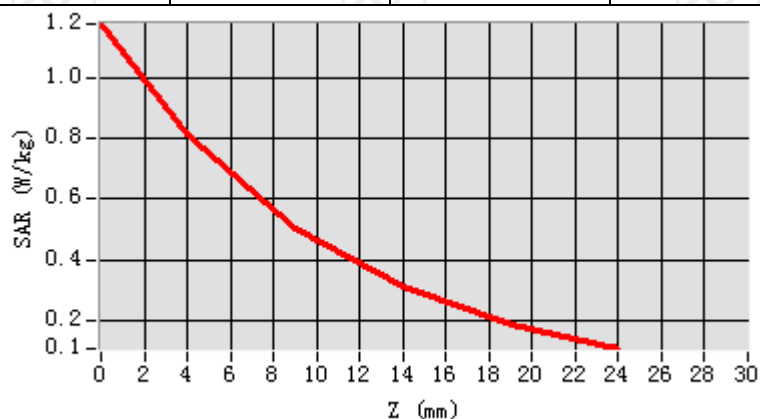
0.419745

SAR 1g (W/Kg)

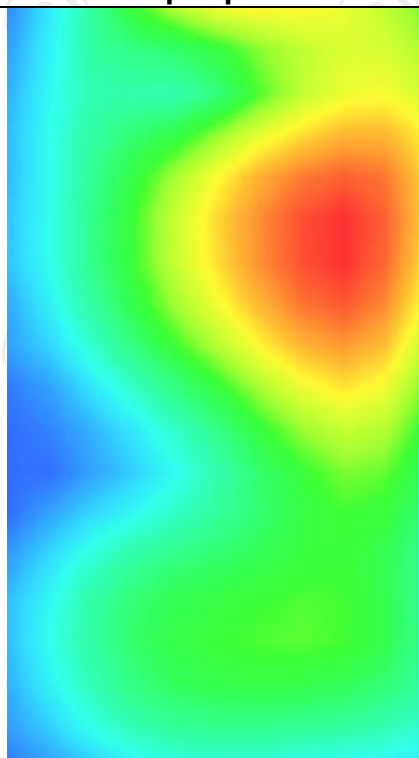
0.734034



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.1768	0.8159	0.5054	0.3095	0.1885



Hot spot position



WCDMA Band IV

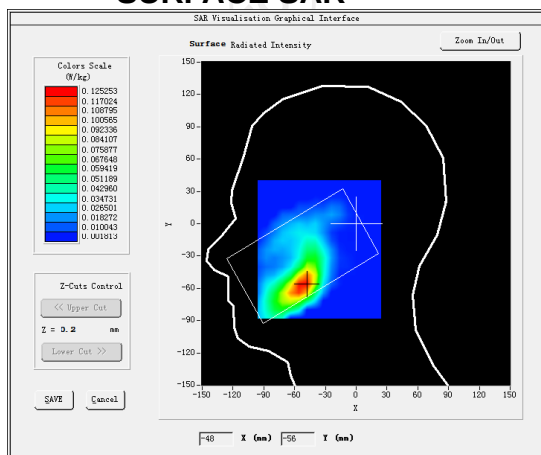
MEASUREMENT 1

Middle Band SAR (Channel 1413):

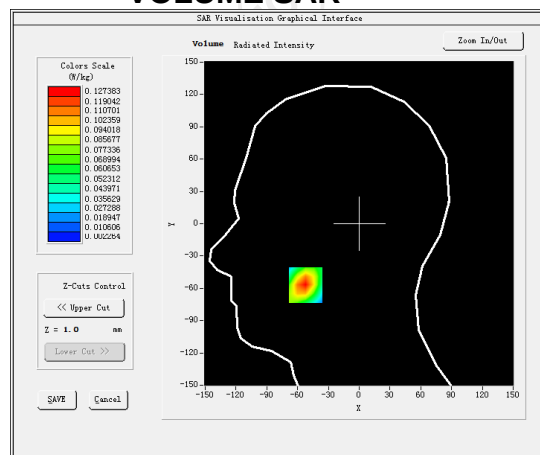
Date: 03/16/2020

Frequency (MHz)	1732.600000
Relative permittivity (real part)	39.101249
Relative permittivity (imaginary part)	12.468850
Conductivity (S/m)	1.350792
Variation (%)	-2.840000
Crest Factor	1.0
Probe Conversion factor	4.38
E-Field Probe:	SSE2 (SN 41/18 EP331)
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>BAND4 WCDMA1700</u>

SURFACE SAR



VOLUME SAR



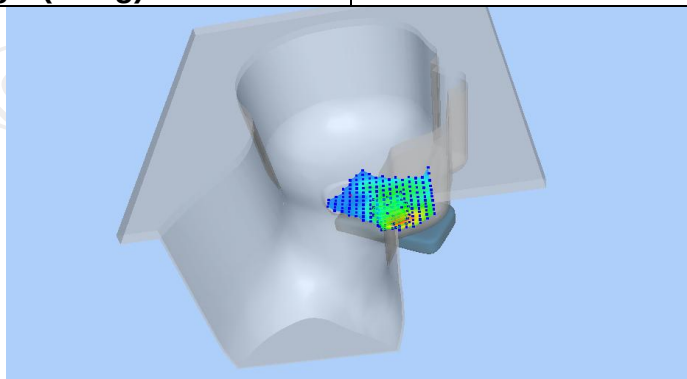
Maximum location: X=-52.00, Y=-57.00 SAR Peak: 0.19 W/kg

SAR 10g (W/Kg)

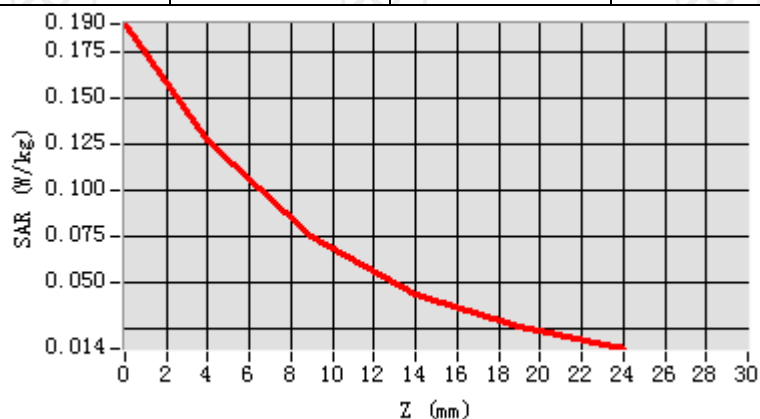
0.063903

SAR 1g (W/Kg)

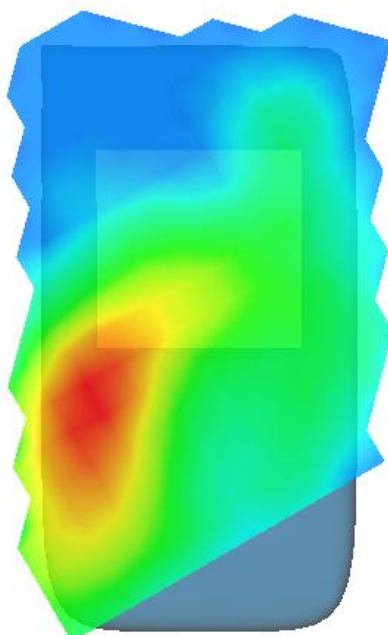
0.118369



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1901	0.1274	0.0753	0.0440	0.0258



Hot spot position



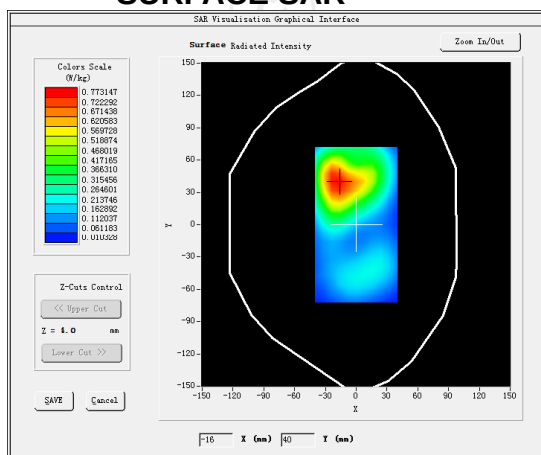
MEASUREMENT 2

Middle Band SAR (Channel 1413):

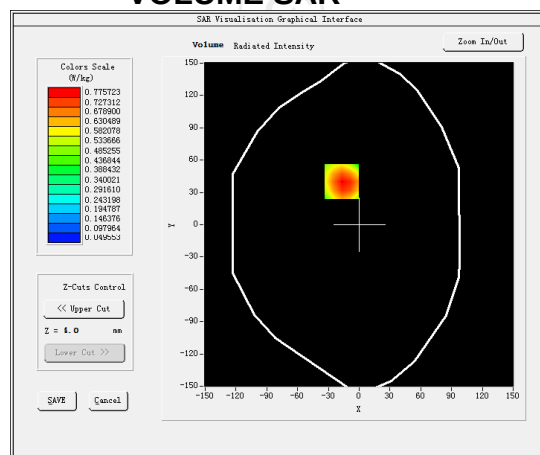
Date: 03/16/2020

Frequency (MHz)	1732.600000
Relative permittivity (real part)	53.321249
Relative permittivity (imaginary part)	12.468850
Conductivity (S/m)	1.502592
Variation (%)	-1.300000
Crest Factor	1.0
Probe Conversion factor	4.52
E-Field Probe:	SSE2 (SN 41/18 EP331)
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	BAND4 WCDMA1700

SURFACE SAR



VOLUME SAR



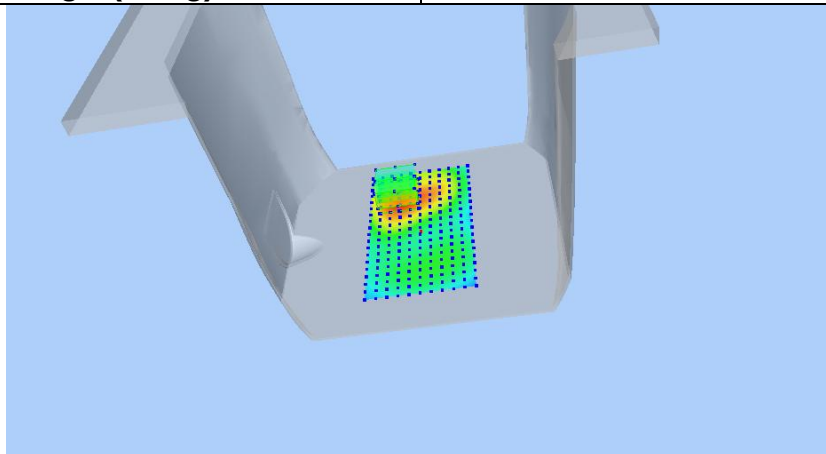
Maximum location: X=-17.00, Y=40.00 SAR Peak: 1.12 W/kg

SAR 10g (W/Kg)

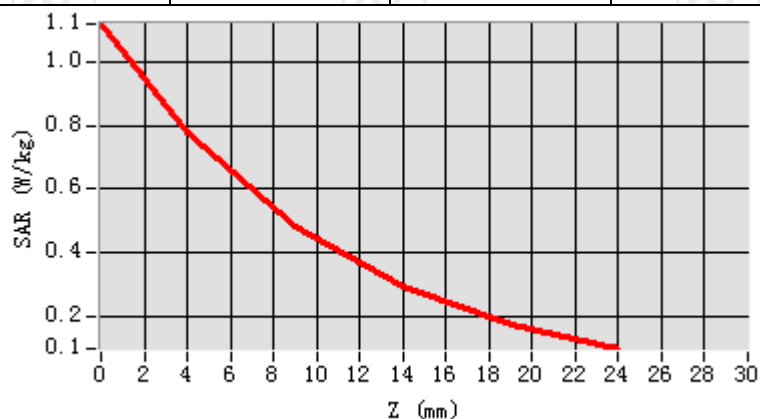
0.429877

SAR 1g (W/Kg)

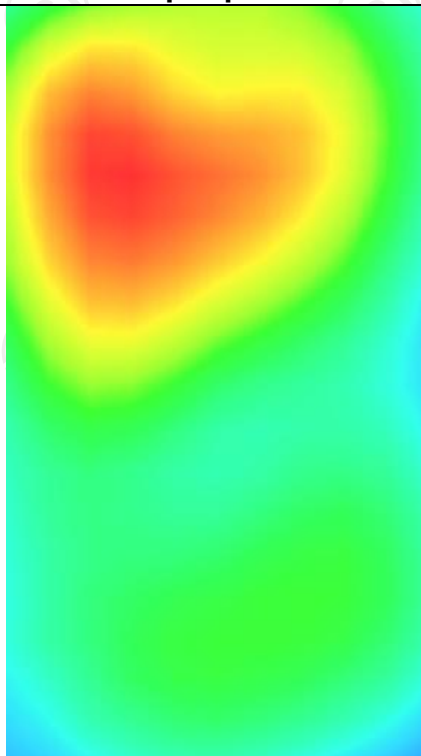
0.720716



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.1165	0.7757	0.4816	0.2952	0.1795



Hot spot position



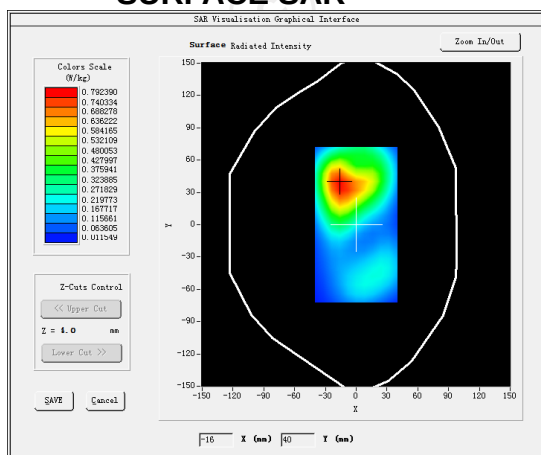
MEASUREMENT 3

Middle Band SAR (Channel 1413):

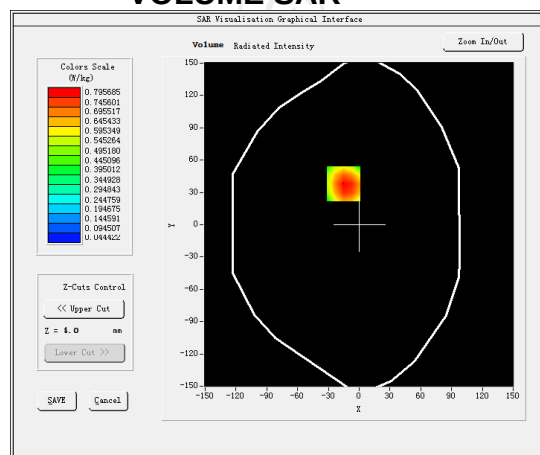
Date: 03/16/2020

Frequency (MHz)	1732.600000
Relative permittivity (real part)	53.321249
Relative permittivity (imaginary part)	12.468850
Conductivity (S/m)	1.502592
Variation (%)	0.660000
Crest Factor	1.0
Probe Conversion factor	4.52
E-Field Probe:	SSE2 (SN 41/18 EP331)
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>BAND4 WCDMA1700</u>

SURFACE SAR



VOLUME SAR



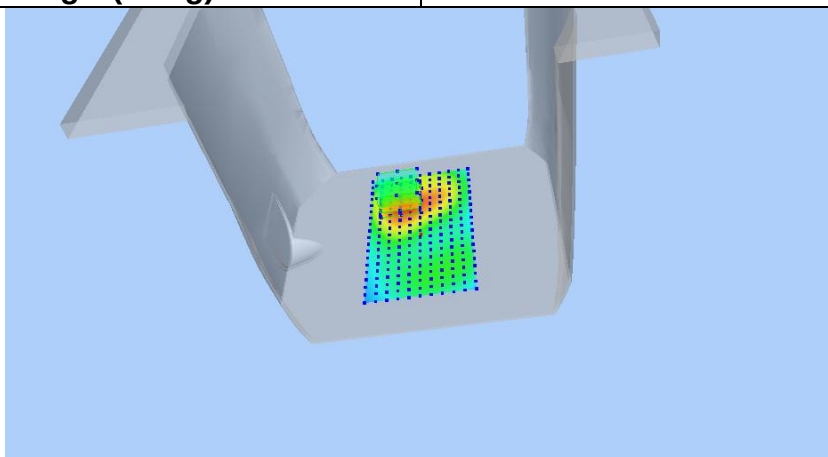
Maximum location: X=-15.00, Y=38.00 SAR Peak: 1.17 W/kg

SAR 10g (W/Kg)

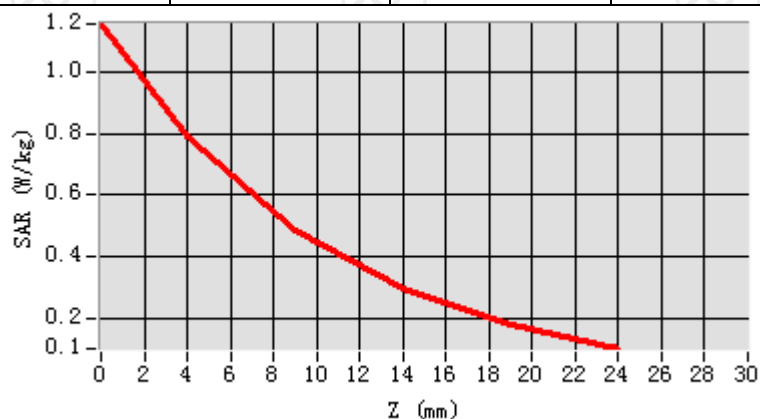
0.399273

SAR 1g (W/Kg)

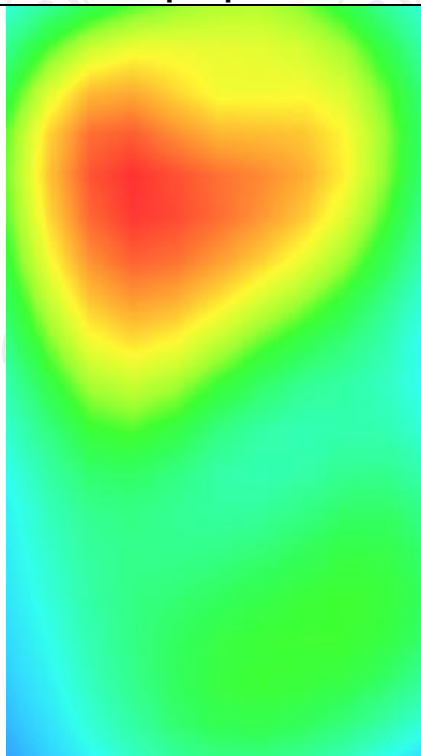
0.721618



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.1590	0.7957	0.4863	0.2938	0.1768



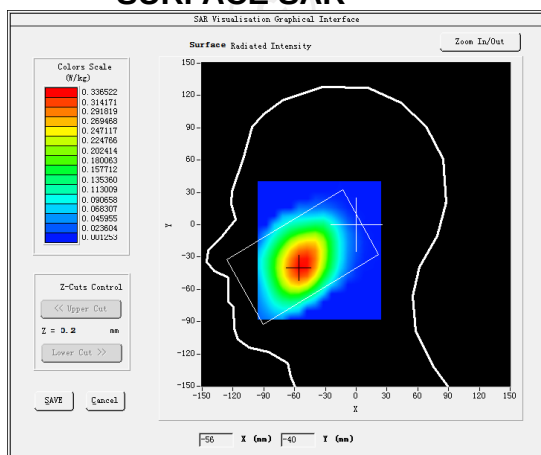
Hot spot position



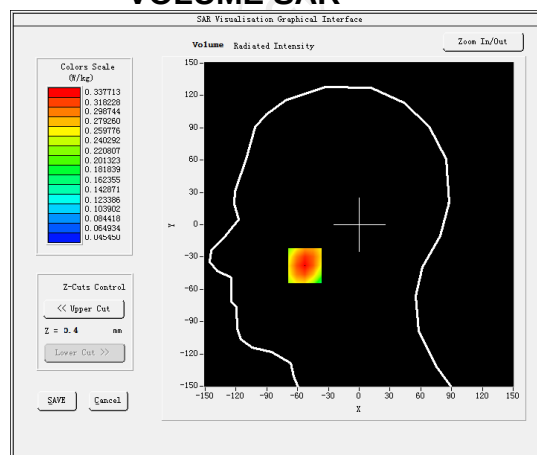
WCDMA Band V MEASUREMENT 1

Middle Band SAR (Channel 9182):		Date: 03/10/2020
Frequency (MHz)	836.400000	
Relative permittivity (real part)	41.422883	
Relative permittivity (imaginary part)	18.129634	
Conductivity (S/m)	0.867241	
Variation (%)	1.480000	
Crest Factor:	1.0	
Probe Conversion factor	5.50	
E-Field Probe:	SSE2 (SN 41/18 EP331)	
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



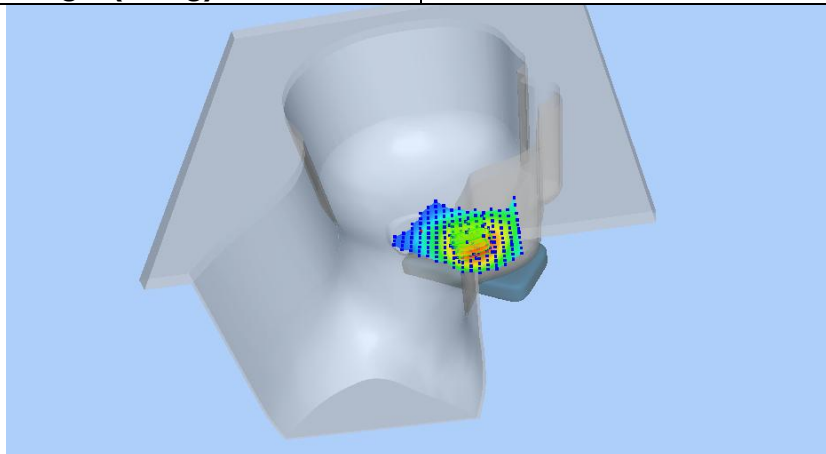
VOLUME SAR



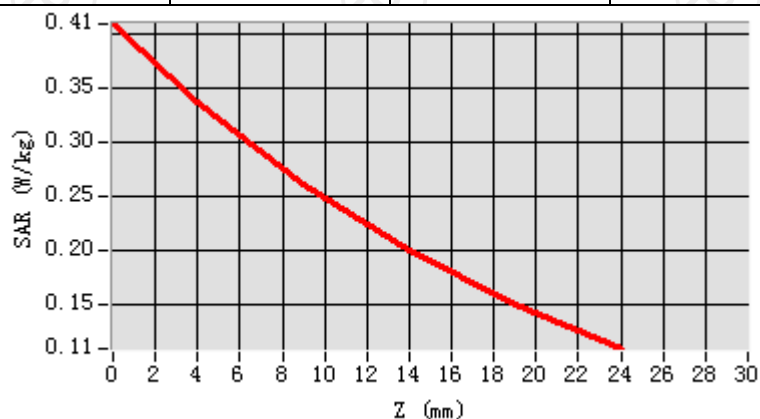
Maximum location: X=-53.00, Y=-38.00 SAR Peak: 0.41 W/kg

SAR 10g (W/Kg) 0.231938

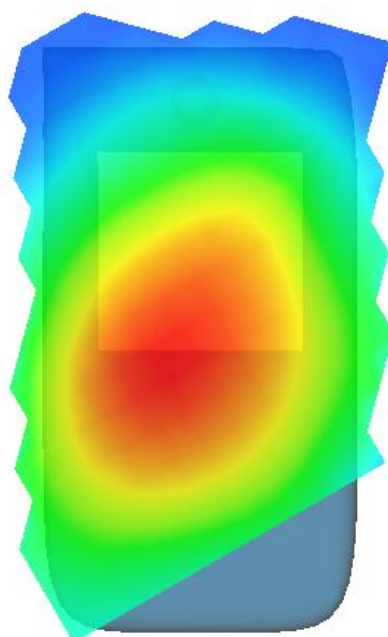
SAR 1g (W/Kg) 0.323504



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.4100	0.3377	0.2619	0.2003	0.1504



Hot spot position



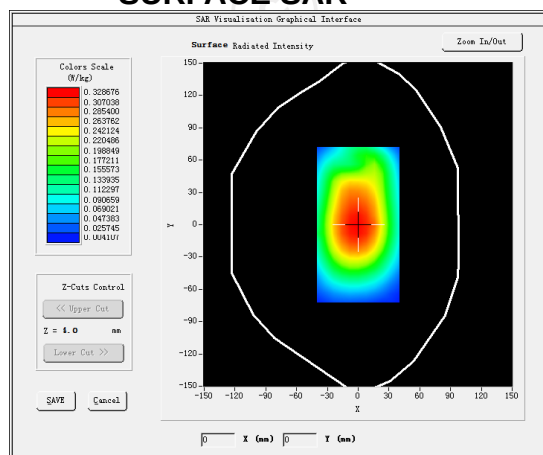
MEASUREMENT 2

Middle Band SAR (Channel 9182):

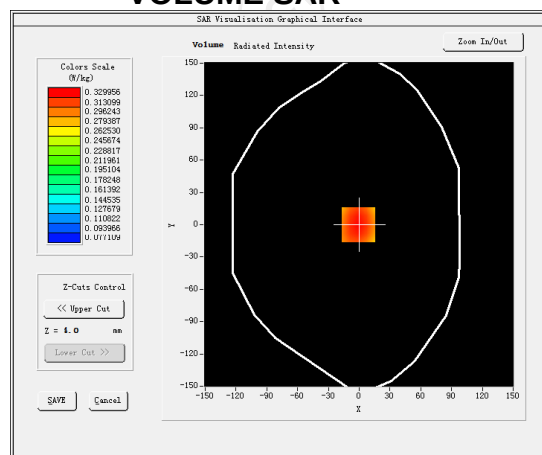
Date: 03/10/2020

Frequency (MHz)	836.400000
Relative permittivity (real part)	55.242927
Relative permittivity (imaginary part)	21.378266
Conductivity (S/m)	0.941230
Variation (%)	1.110000
Crest Factor:	1.0
Probe Conversion factor	5.65
E-Field Probe:	SSE2 (SN 41/18 EP331)
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



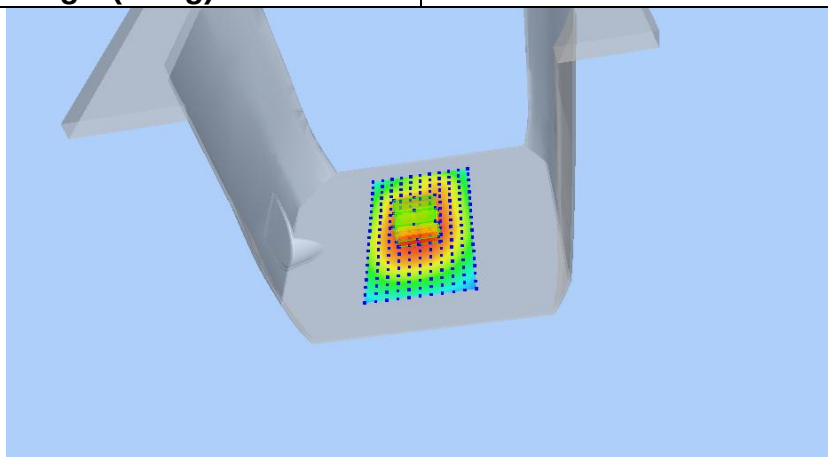
Maximum location: X=-1.00, Y=0.00 SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)

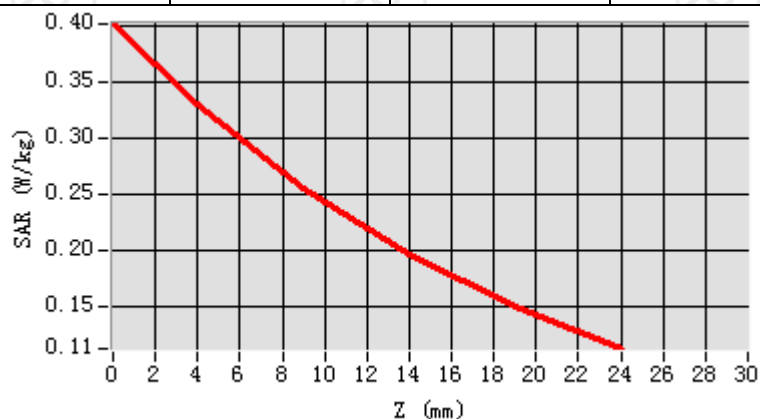
0.236853

SAR 1g (W/Kg)

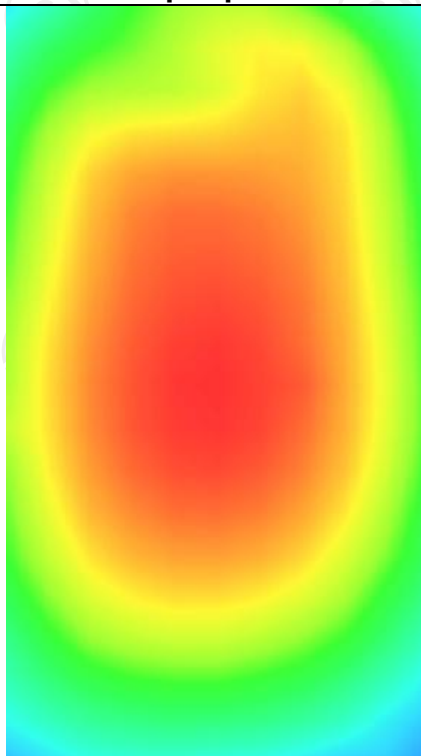
0.318832



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.4019	0.3300	0.2561	0.1978	0.1515



Hot spot position



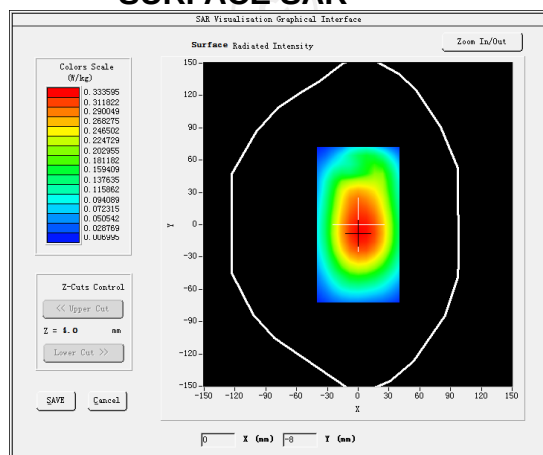
MEASUREMENT 3

Middle Band SAR (Channel 9182):

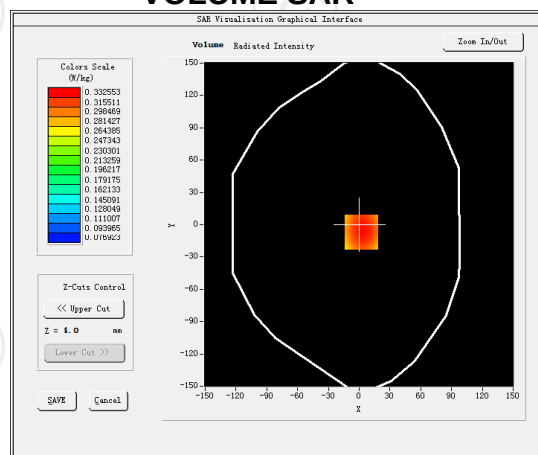
Date: 03/10/2020

Frequency (MHz)	836.400000
Relative permittivity (real part)	55.242927
Relative permittivity (imaginary part)	21.378266
Conductivity (S/m)	0.941230
Variation (%)	0.010000
Crest Factor:	1.0
Probe Conversion factor	5.65
E-Field Probe:	SSE2 (SN 41/18 EP331)
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	BAND5 WCDMA850(hotspot)

SURFACE SAR



VOLUME SAR



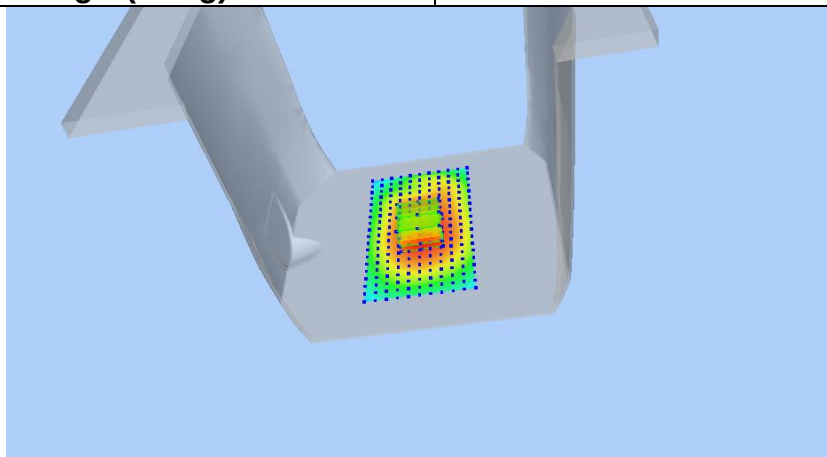
Maximum location: X=2.00, Y=-7.00 SAR Peak: 0.40 W/kg

SAR 10g (W/Kg)

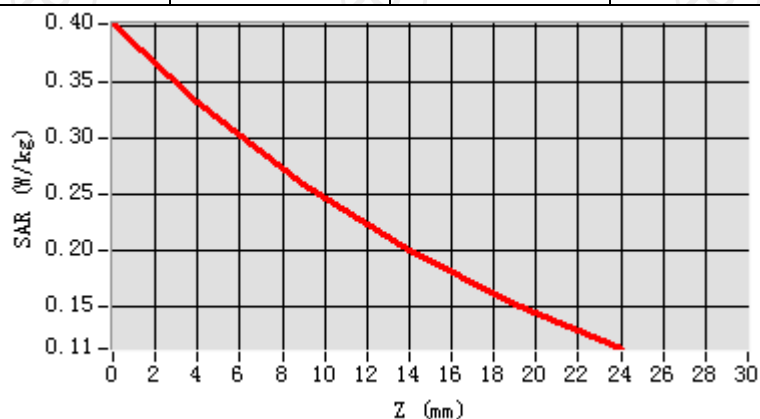
0.239471

SAR 1g (W/Kg)

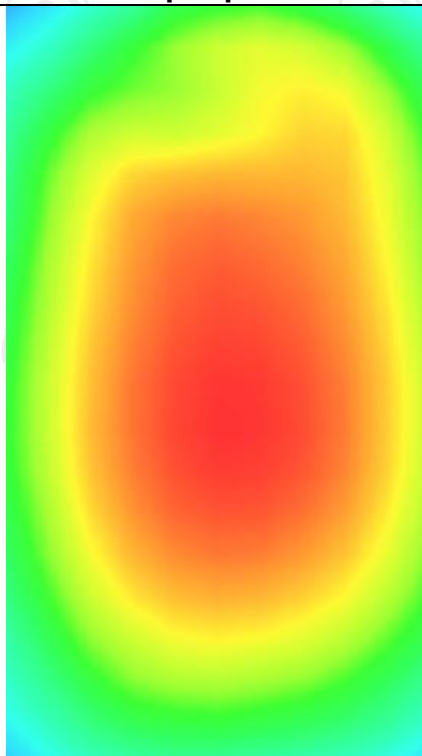
0.321681



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.4021	0.3326	0.2598	0.2008	0.1530



Hot spot position



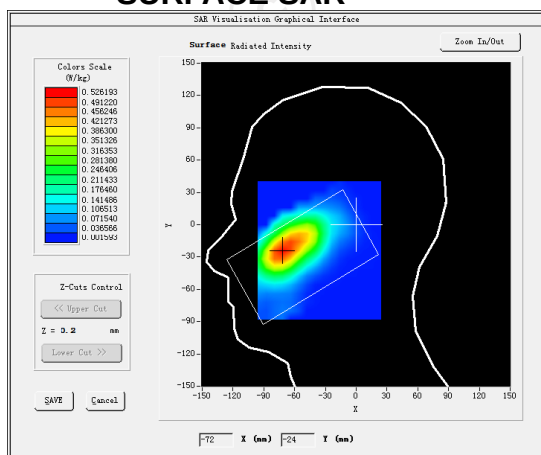
LTE Band 2

MEASUREMENT 1

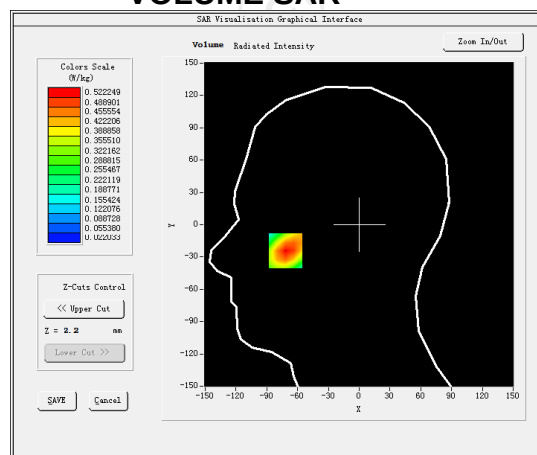
Lower Band SAR (Channel 18700): Date: 03/22/2020

Frequency (MHz)	1860.000000
Relative permittivity (real part)	39.105208
Relative permittivity (imaginary part)	12.607628
Conductivity (S/m)	1.342108
Variation (%)	1.330000
Crest Factor	1.0
Probe Conversion factor	4.85
E-Field Probe:	SSE2 (SN 41/18 EP331)
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#50)</u>

SURFACE SAR



VOLUME SAR



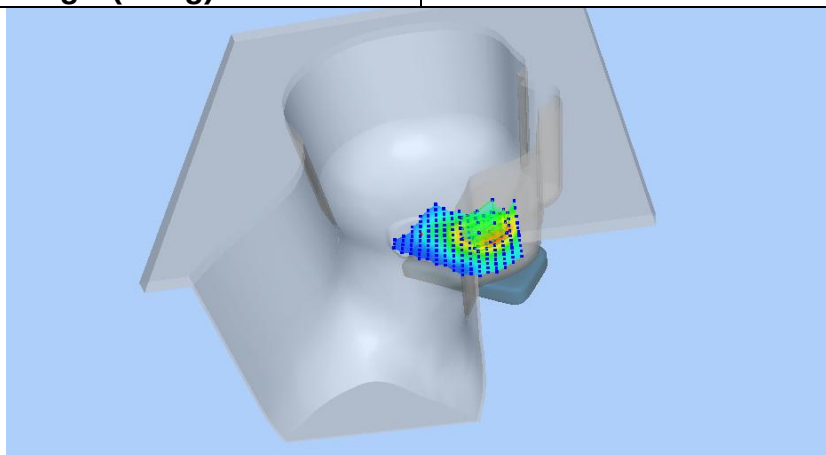
Maximum location: X=-72.00, Y=-24.00 SAR Peak: 0.73 W/kg

SAR 10g (W/Kg)

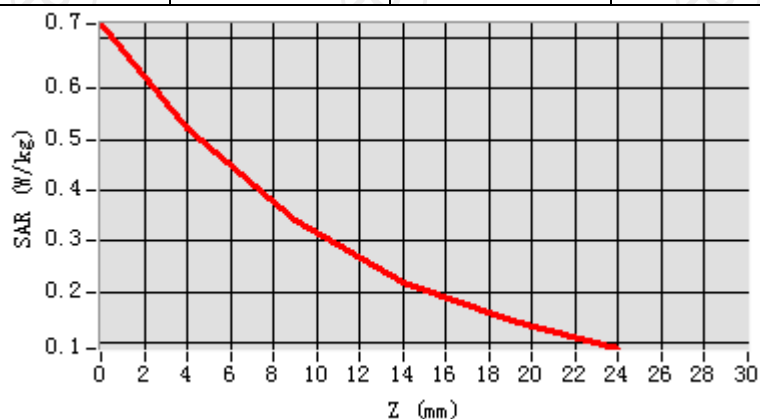
0.300930

SAR 1g (W/Kg)

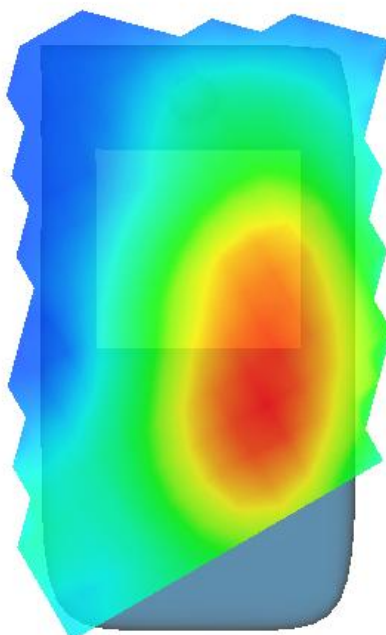
0.494180



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.7282	0.5222	0.3398	0.2200	0.1425



Hot spot position



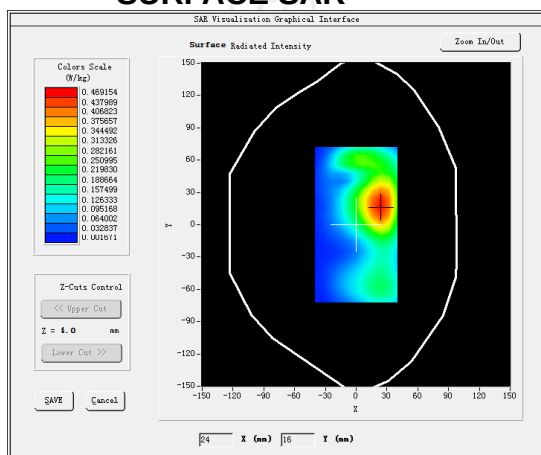
MEASUREMENT 2

Lower Band SAR (Channel 18607):

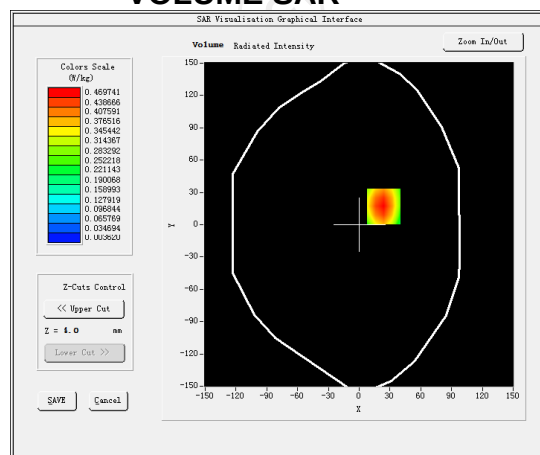
Date: 03/22/2020

Frequency (MHz)	1850.700000
Relative permittivity (real part)	53.341337
Relative permittivity (imaginary part)	14.232400
Conductivity (S/m)	1.491736
Variation (%)	0.070000
Crest Factor	1.0
Probe Conversion factor	5.01
E-Field Probe:	SSE2 (SN 41/18 EP331)
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	LTE band 2 (1 RB#50)

SURFACE SAR



VOLUME SAR



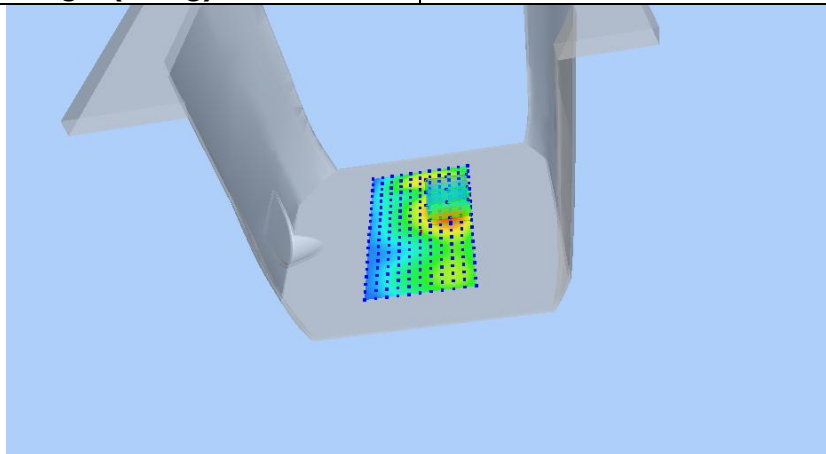
Maximum location: X=24.00, Y=17.00 SAR Peak: 0.83 W/kg

SAR 10g (W/Kg)

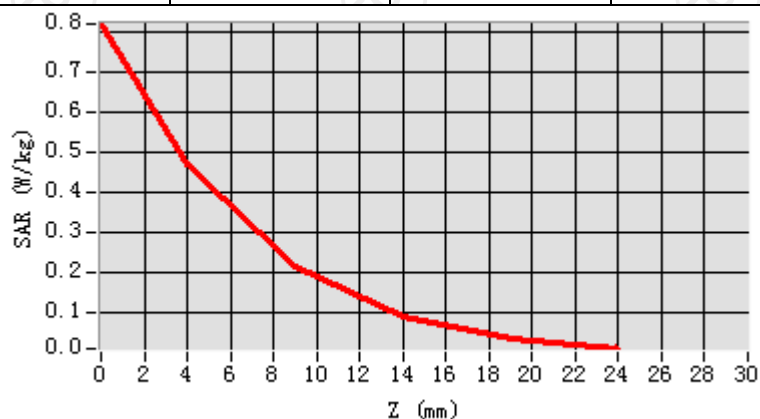
0.226883

SAR 1g (W/Kg)

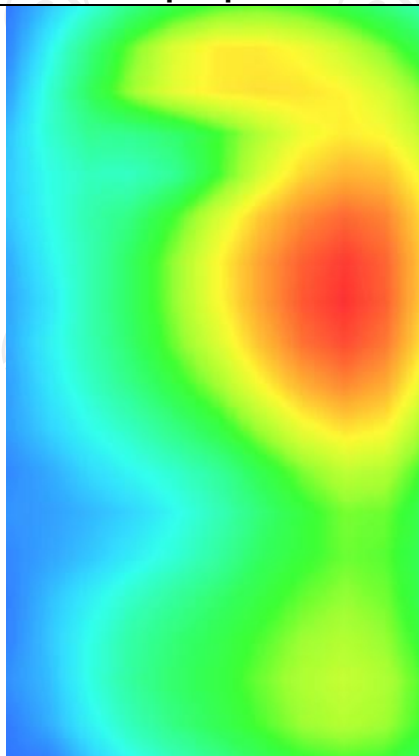
0.448118



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.8221	0.4697	0.2156	0.0922	0.0378



Hot spot position



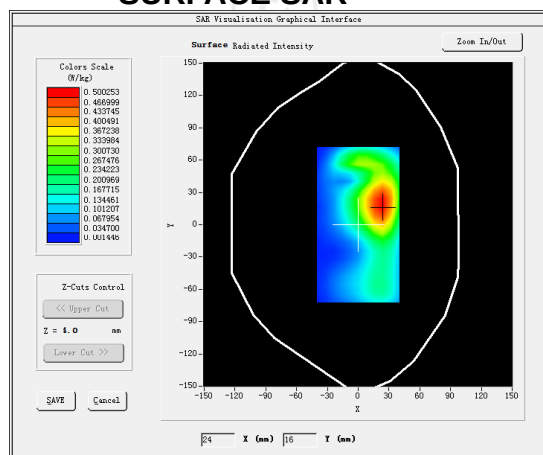
MEASUREMENT 3

Lower Band SAR (Channel 18607):

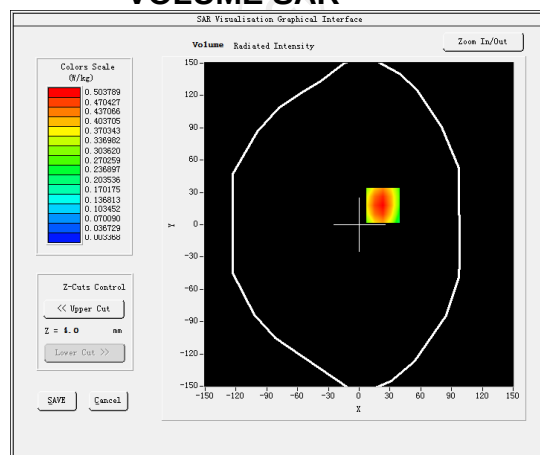
Date: 03/22/2020

Frequency (MHz)	1850.700000
Relative permittivity (real part)	53.341337
Relative permittivity (imaginary part)	14.232400
Conductivity (S/m)	1.491736
Variation (%)	0.710000
Crest Factor	1.0
Probe Conversion factor	5.01
E-Field Probe:	SSE2 (SN 41/18 EP331)
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#50)</u>

SURFACE SAR



VOLUME SAR



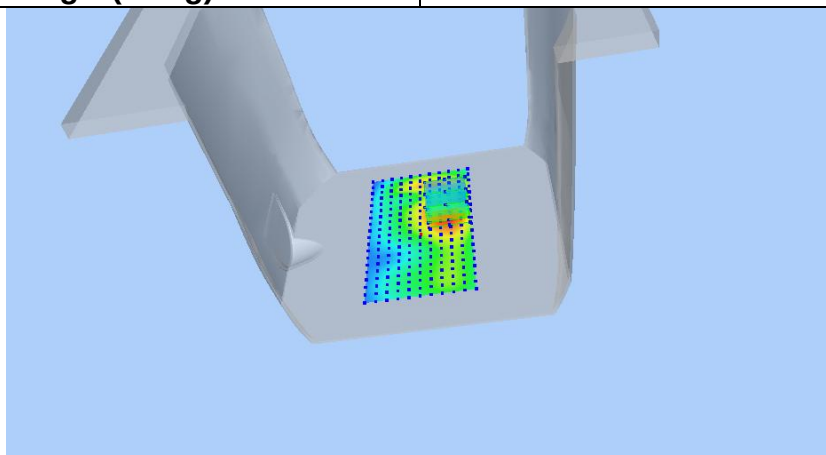
Maximum location: X=23.00, Y=18.00 SAR Peak: 0.88 W/kg

SAR 10g (W/Kg)

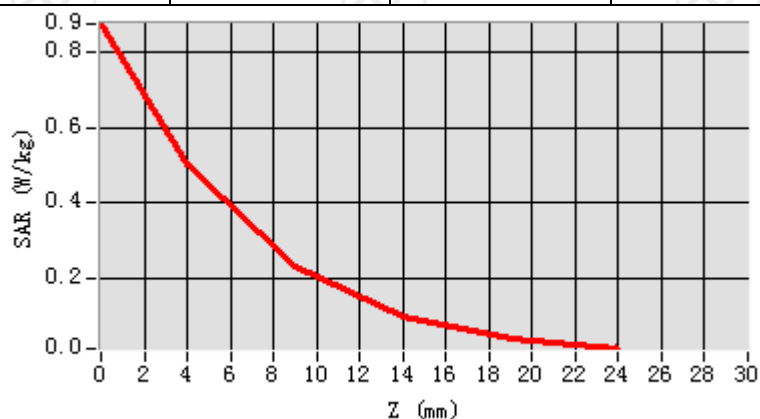
0.244385

SAR 1g (W/Kg)

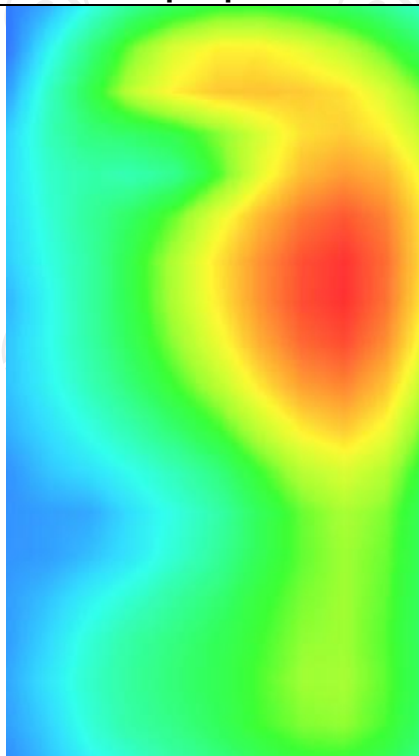
0.481488



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.8767	0.5038	0.2324	0.0988	0.0391

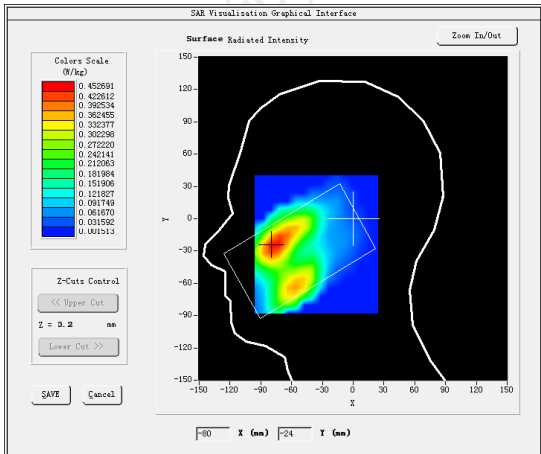
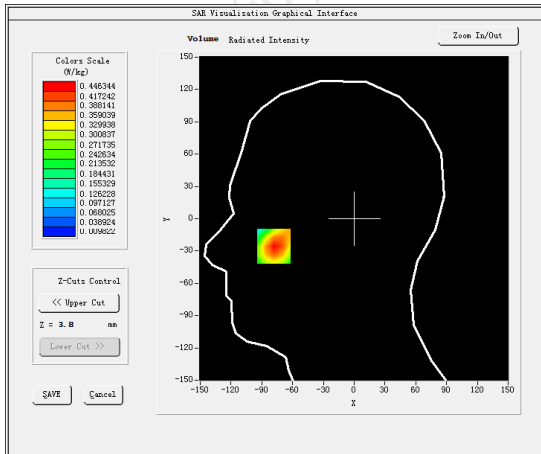


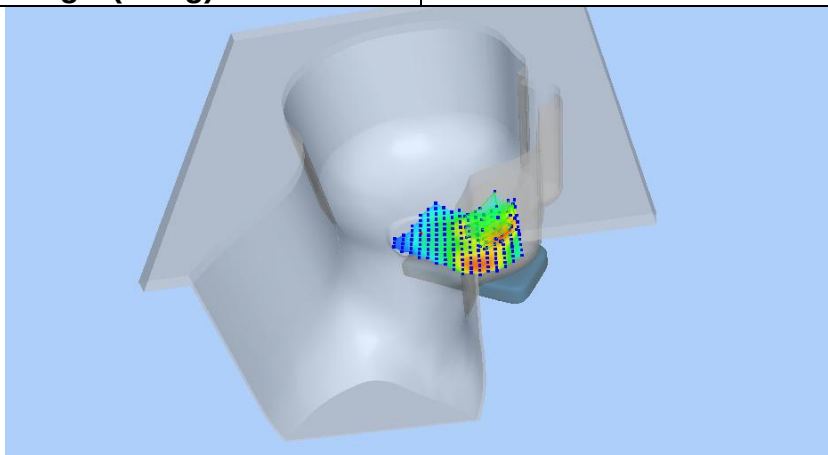
Hot spot position



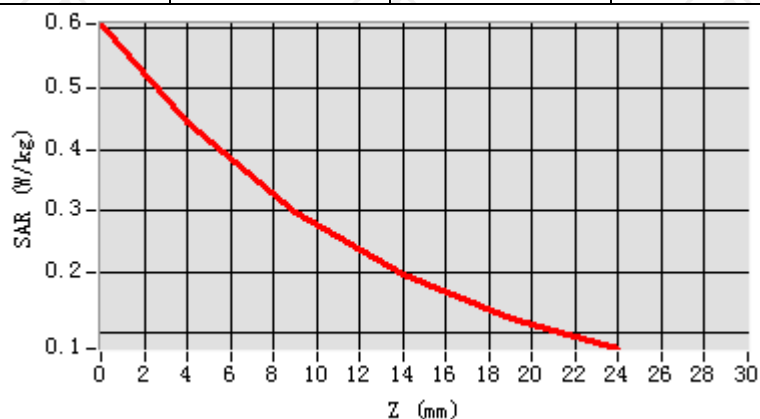
LTE Band 4

MEASUREMENT 1

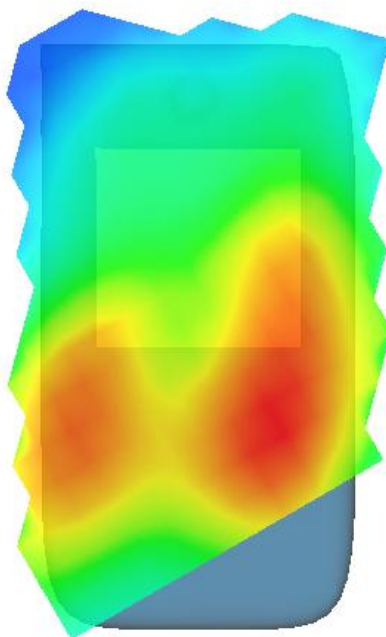
Lower Band SAR (Channel 20050):		Date: 03/16/2020
Frequency (MHz)	1720.000000	
Relative permittivity (real part)	39.101249	
Relative permittivity (imaginary part)	12.468850	
Conductivity (S/m)	1.350792	
Variation (%)	-1.820000	
Crest Factor	1.0	
Probe Conversion factor	4.38	
E-Field Probe:	SSE2 (SN 41/18 EP331)	
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	LTE band 4(1 RB#50)	
SURFACE SAR 		VOLUME SAR 
Maximum location: X=-78.00, Y=-25.00 SAR Peak: 0.61 W/kg		
SAR 10g (W/Kg)	0.259129	
SAR 1g (W/Kg)	0.422057	



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.6067	0.4463	0.2982	0.1953	0.1248



Hot spot position



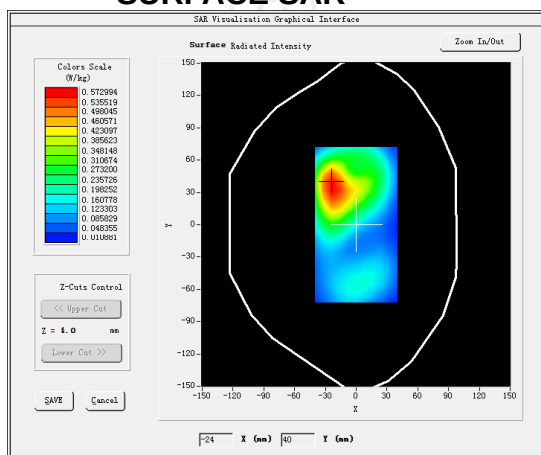
MEASUREMENT 2

Lower Band SAR (Channel 20050):

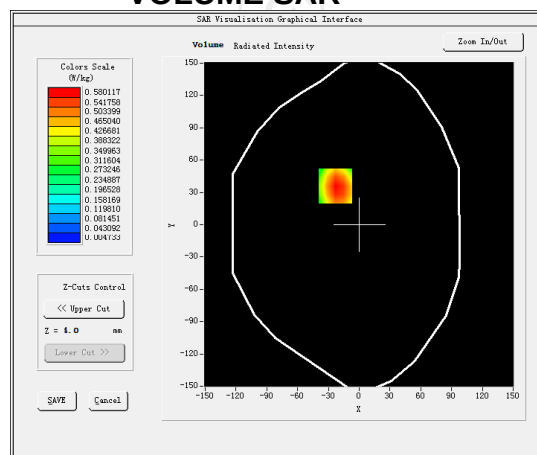
Date: 03/16/2020

Frequency (MHz)	1720.000000
Relative permittivity (real part)	53.321249
Relative permittivity (imaginary part)	12.468850
Conductivity (S/m)	1.502592
Variation (%)	1.210000
Crest Factor	1.0
Probe Conversion factor	4.52
E-Field Probe:	SSE2 (SN 41/18 EP331)
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	LTE band 4(1 RB#50)

SURFACE SAR



VOLUME SAR



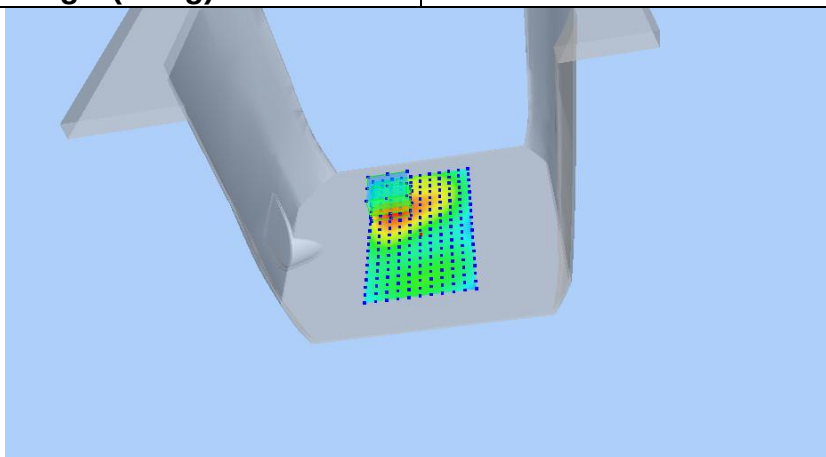
Maximum location: X=-23.00, Y=36.00 SAR Peak: 1.01 W/kg

SAR 10g (W/Kg)

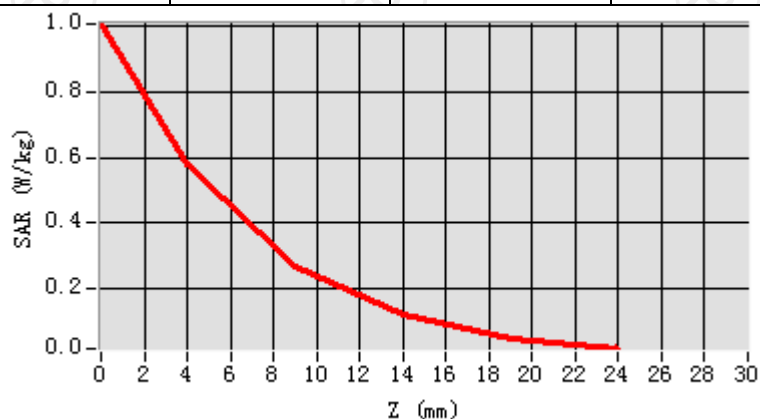
0.289505

SAR 1g (W/Kg)

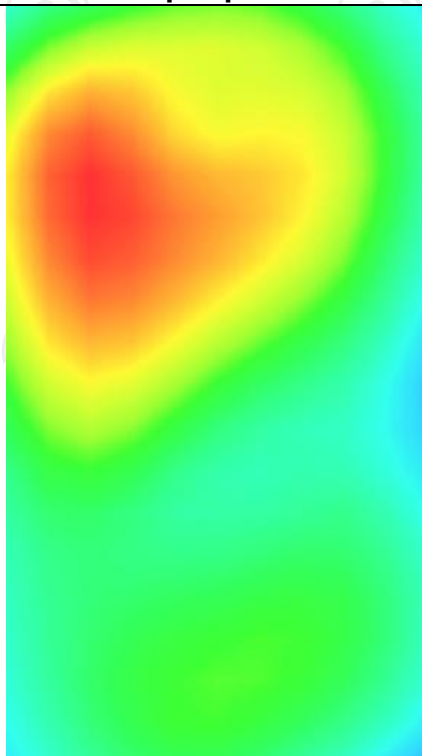
0.556694



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.0050	0.5801	0.2718	0.1204	0.0526



Hot spot position



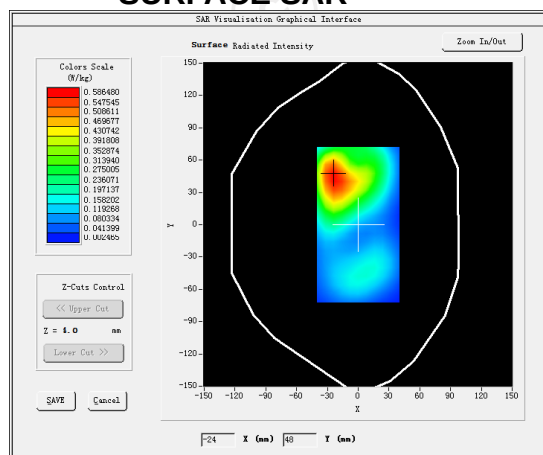
MEASUREMENT 3

Lower Band SAR (Channel 20050):

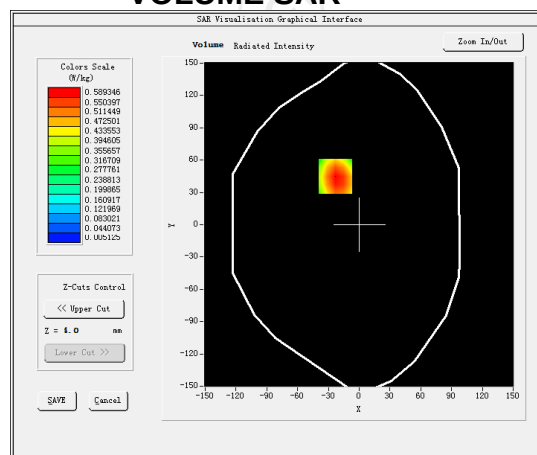
Date: 03/16/2020

Frequency (MHz)	1720.000000
Relative permittivity (real part)	53.321249
Relative permittivity (imaginary part)	12.468850
Conductivity (S/m)	1.502592
Variation (%)	1.900000
Crest Factor	1.0
Probe Conversion factor	4.52
E-Field Probe:	SSE2 (SN 41/18 EP331)
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#50)</u>

SURFACE SAR



VOLUME SAR



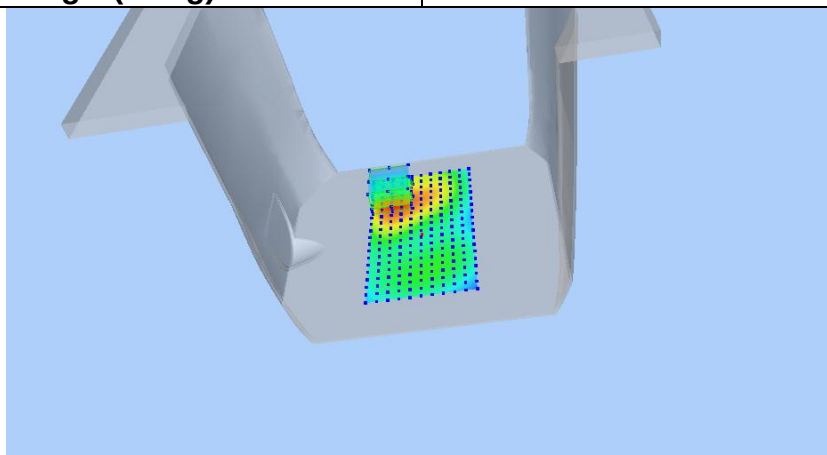
Maximum location: X=-23.00, Y=45.00 SAR Peak: 1.02 W/kg

SAR 10g (W/Kg)

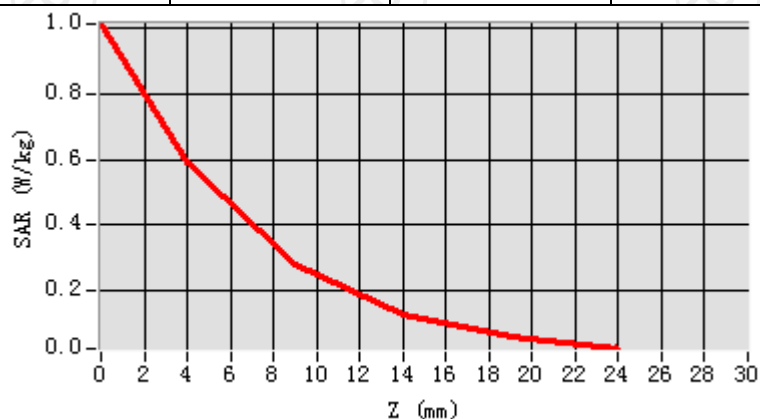
0.296885

SAR 1g (W/Kg)

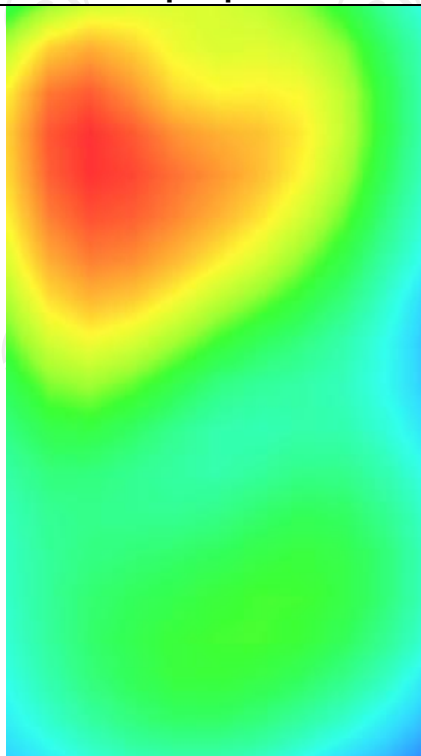
0.565742



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

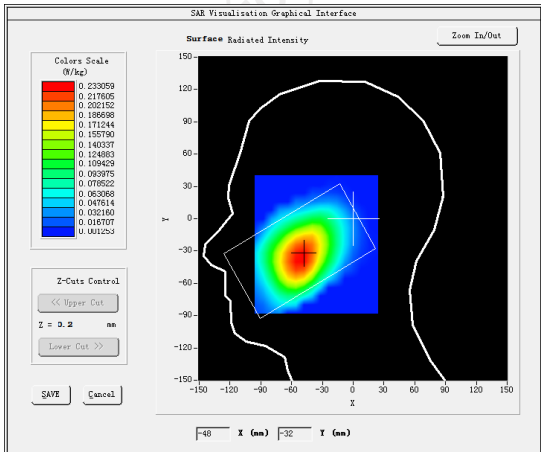
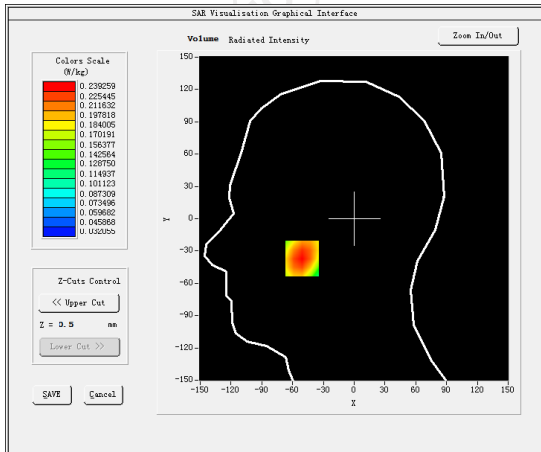


Hot spot position



LTE Band 5

MEASUREMENT 1

Lower Band SAR (Channel 20450):		Date: 03/10/2020
Frequency (MHz)	829.000000	
Relative permittivity (real part)	41.432976	
Relative permittivity (imaginary part)	12.468860	
Conductivity (S/m)	0.862835	
Variation (%)	1.690000	
Crest Factor	1.0	
Probe Conversion factor	4.38	
E-Field Probe:	SSE2 (SN 41/18 EP331)	
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	LTE band 5(1 RB#25)	
SURFACE SAR	VOLUME SAR	
		

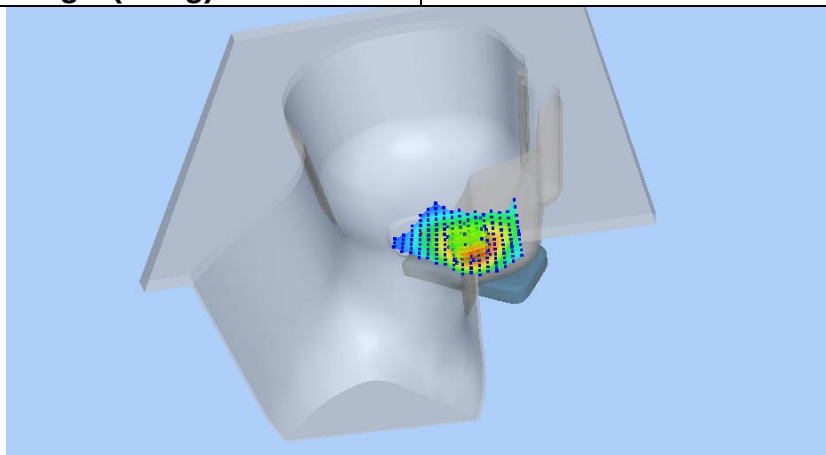
Maximum location: X=-51.00, Y=-37.00 SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)

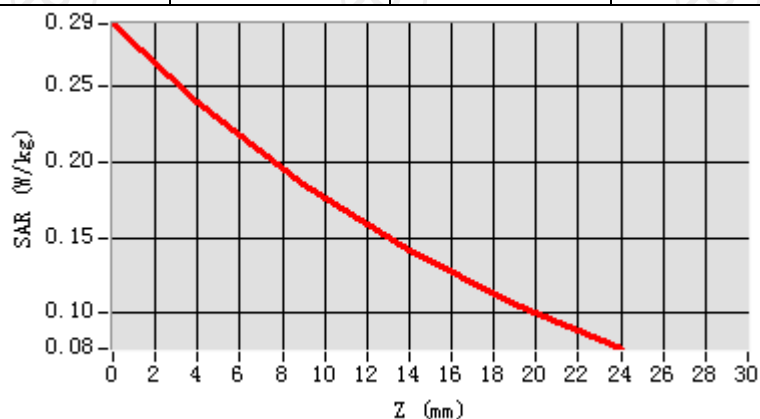
0.163789

SAR 1g (W/Kg)

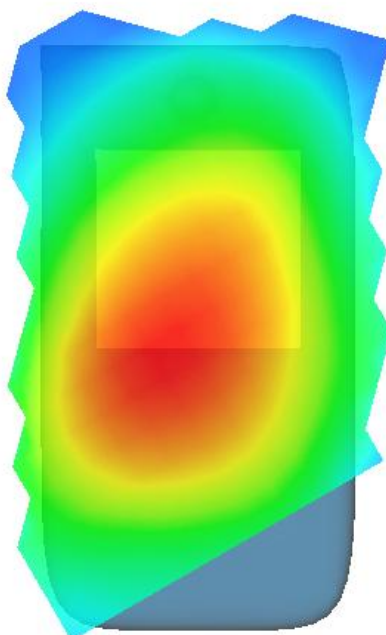
0.229156



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



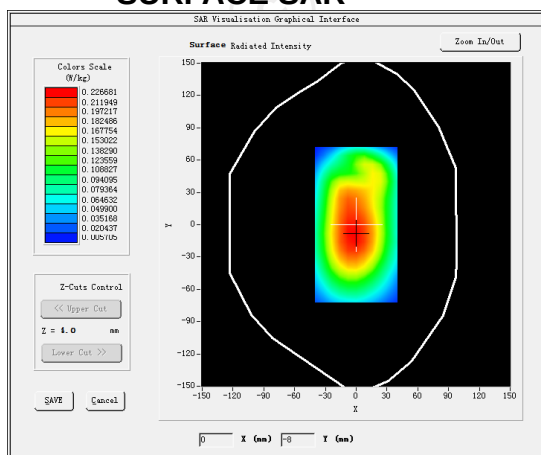
MEASUREMENT 2

Lower Band SAR (Channel 20450):

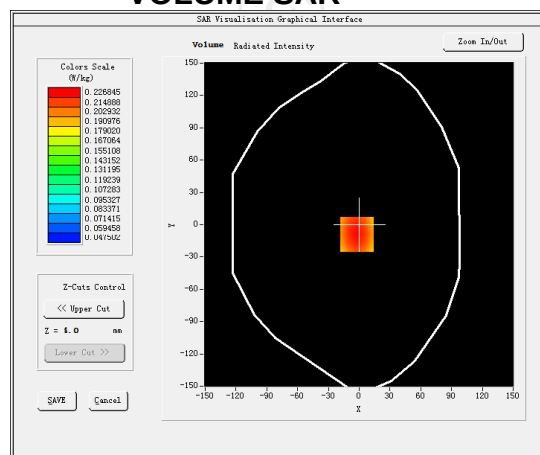
Date: 03/10/2020

Frequency (MHz)	829.000000
Relative permittivity (real part)	55.260832
Relative permittivity (imaginary part)	12.468860
Conductivity (S/m)	0.934272
Variation (%)	-0.160000
Crest Factor	1.0
Probe Conversion factor	4.52
E-Field Probe:	SSE2 (SN 41/18 EP331)
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#13)</u>

SURFACE SAR



VOLUME SAR



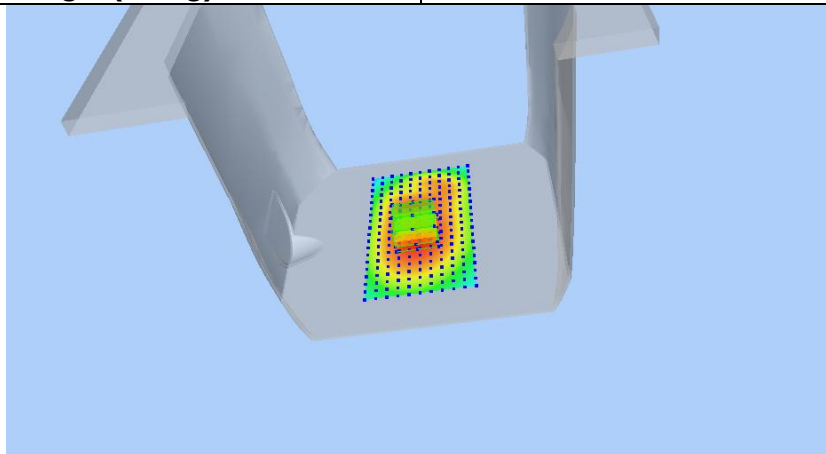
Maximum location: X=-2.00, Y=-9.00 SAR Peak: 0.28 W/kg

SAR 10g (W/Kg)

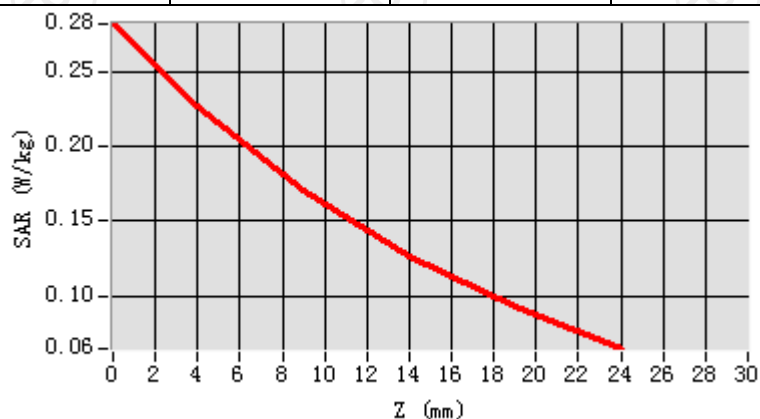
0.157407

SAR 1g (W/Kg)

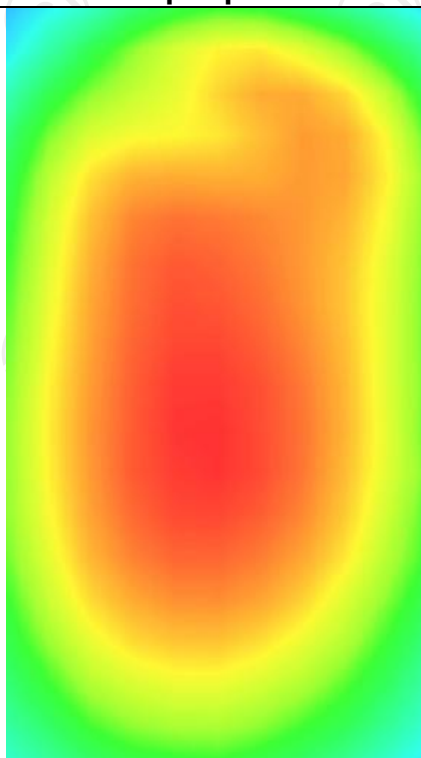
0.218518



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2817	0.2268	0.1708	0.1268	0.0924



Hot spot position



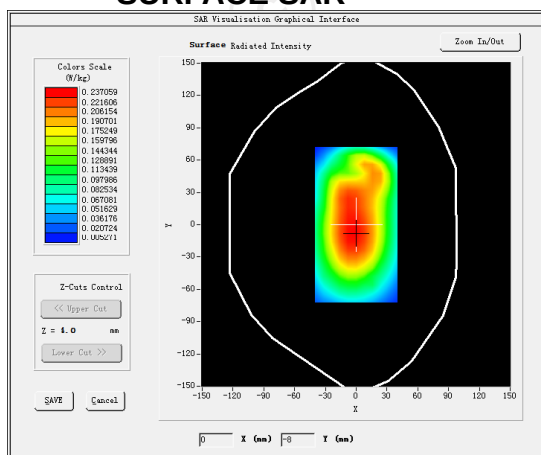
MEASUREMENT 3

Lower Band SAR (Channel 20450):

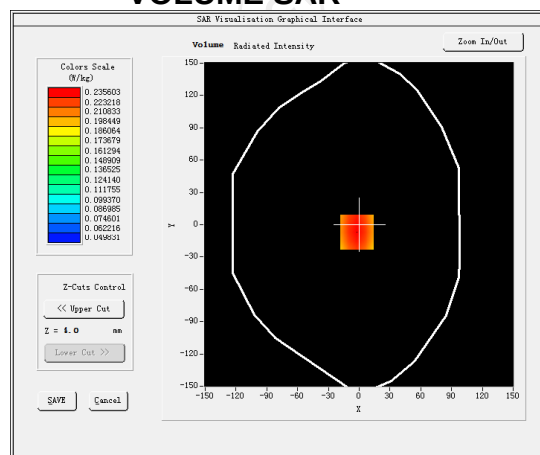
Date: 03/10/2020

Frequency (MHz)	829.000000
Relative permittivity (real part)	55.260832
Relative permittivity (imaginary part)	12.468860
Conductivity (S/m)	0.934272
Variation (%)	-1.190000
Crest Factor	1.0
Probe Conversion factor	4.52
E-Field Probe:	SSE2 (SN 41/18 EP331)
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	LTE band 5(1 RB#13)

SURFACE SAR



VOLUME SAR



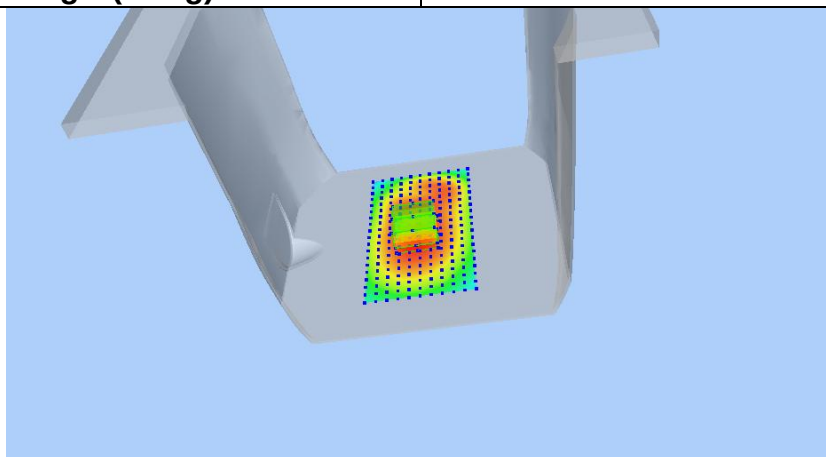
Maximum location: X=-2.00, Y=-7.00 SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)

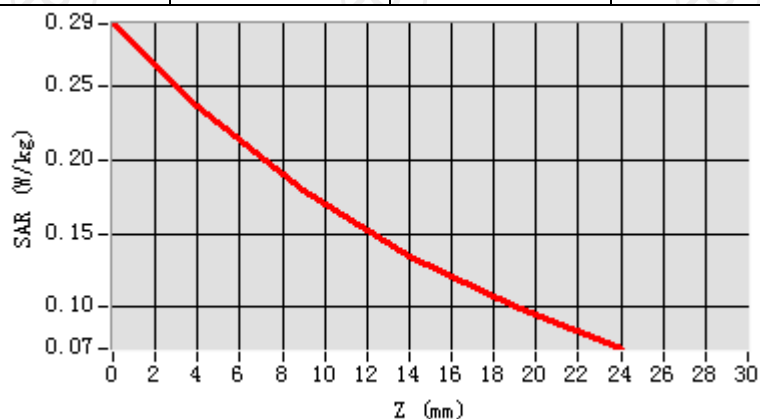
0.165419

SAR 1g (W/Kg)

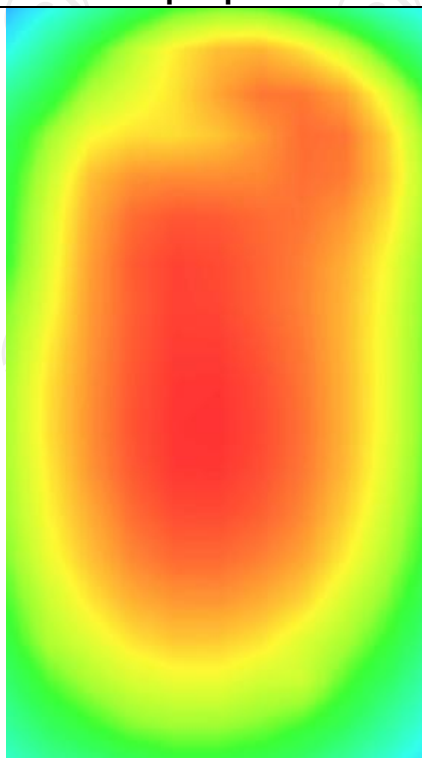
0.227376



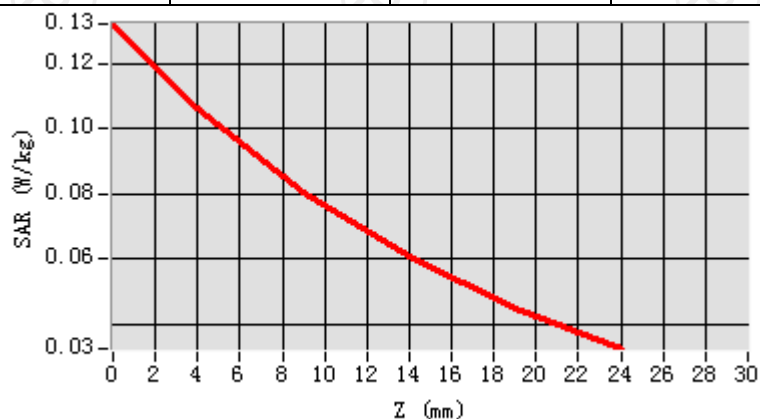
Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2917	0.2356	0.1788	0.1345	0.1000



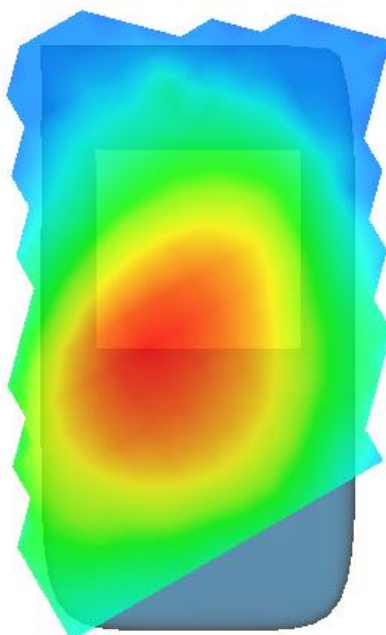
Hot spot position



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



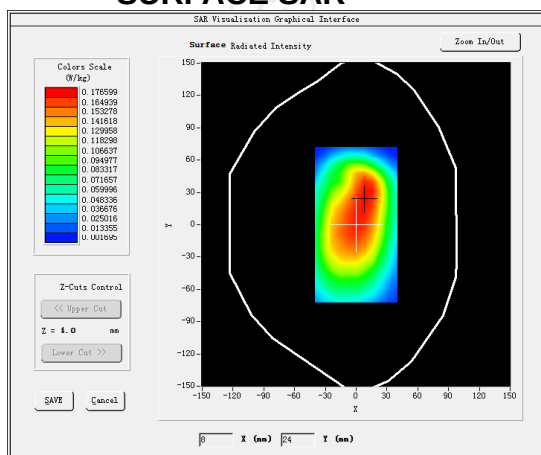
MEASUREMENT 2

Lower Band SAR (Channel 23035):

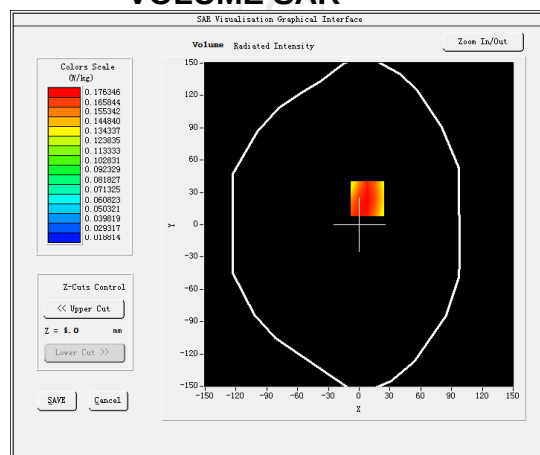
Date: 03/10/2020

Frequency (MHz)	701.500000
Relative permittivity (real part)	55.260832
Relative permittivity (imaginary part)	12.468860
Conductivity (S/m)	0.934272
Variation (%)	-4.820000
Crest Factor	1.0
Probe Conversion factor	4.52
E-Field Probe:	SSE2 (SN 41/18 EP331)
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	LTE band 12(1 RB#13)

SURFACE SAR



VOLUME SAR



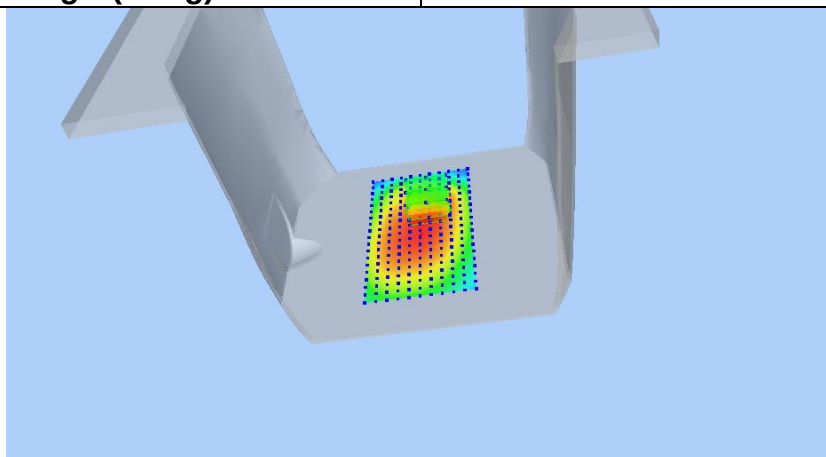
Maximum location: X=8.00, Y=24.00 SAR Peak: 0.25 W/kg

SAR 10g (W/Kg)

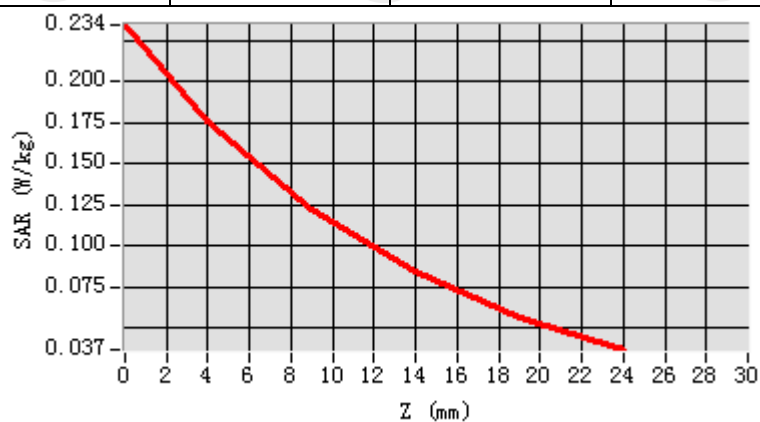
0.123666

SAR 1g (W/Kg)

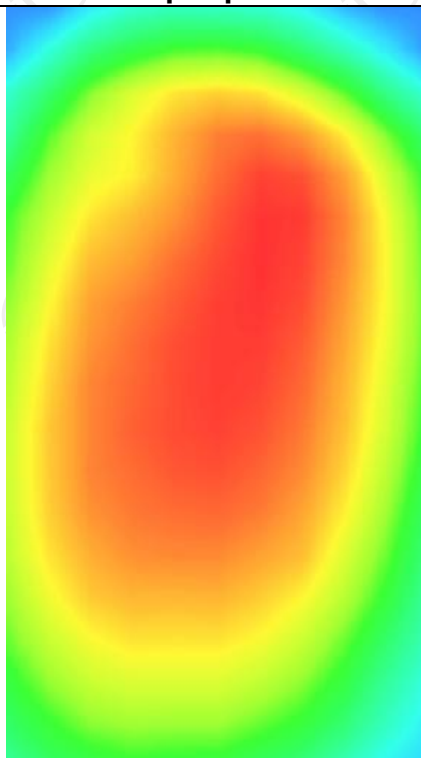
0.181840



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2343	0.1763	0.1220	0.0836	0.0566



Hot spot position



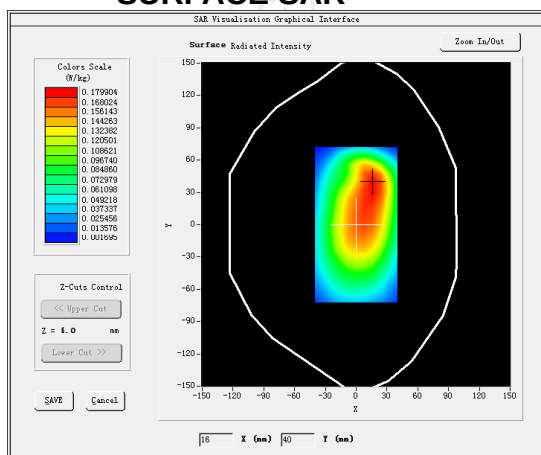
MEASUREMENT 3

Lower Band SAR (Channel 23035):

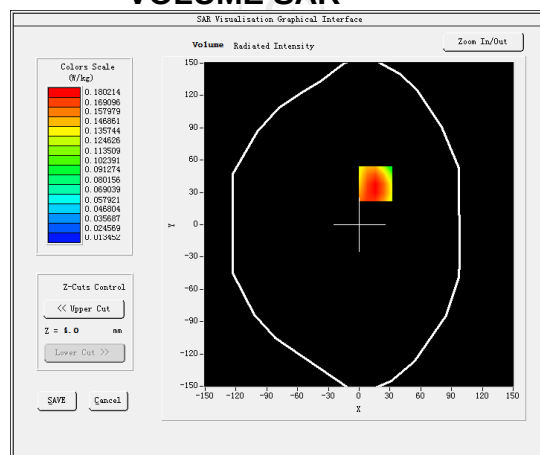
Date: 03/10/2020

Frequency (MHz)	701.500000
Relative permittivity (real part)	55.260832
Relative permittivity (imaginary part)	12.468860
Conductivity (S/m)	0.934272
Variation (%)	1.060000
Crest Factor	1.0
Probe Conversion factor	4.52
E-Field Probe:	SSE2 (SN 41/18 EP331)
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#13)</u>

SURFACE SAR



VOLUME SAR



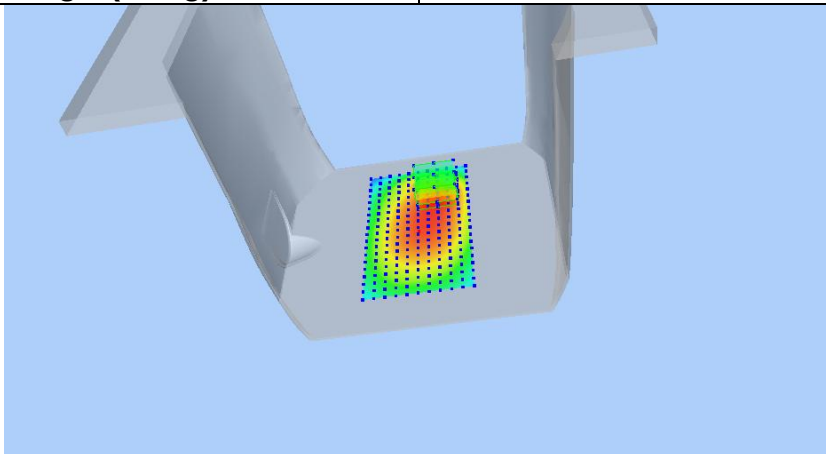
Maximum location: X=16.00, Y=38.00 SAR Peak: 0.25 W/kg

SAR 10g (W/Kg)

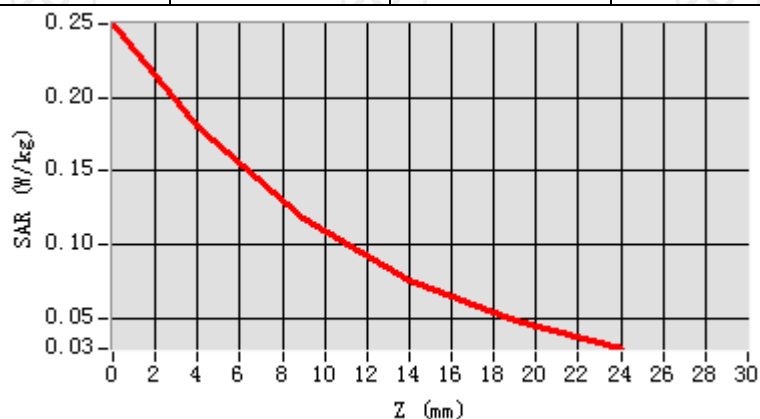
0.119531

SAR 1g (W/Kg)

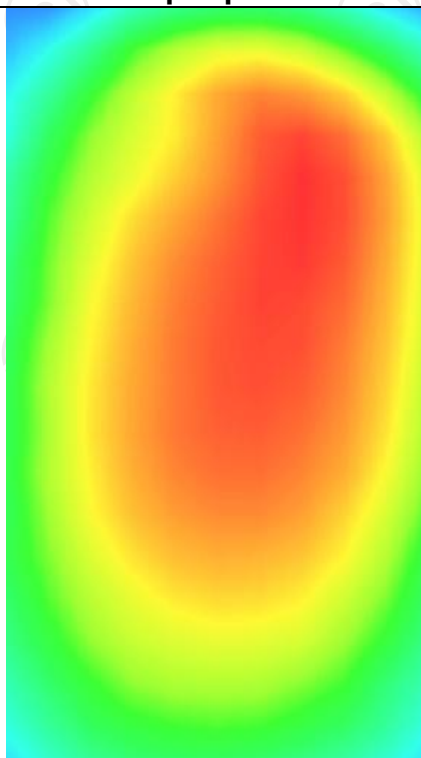
0.184340



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2499	0.1802	0.1176	0.0759	0.0483



Hot spot position



LTE Band 17

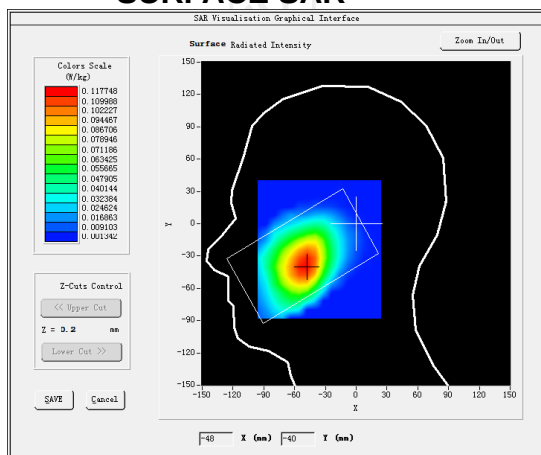
MEASUREMENT 1

Middle Band SAR (Channel 23790):

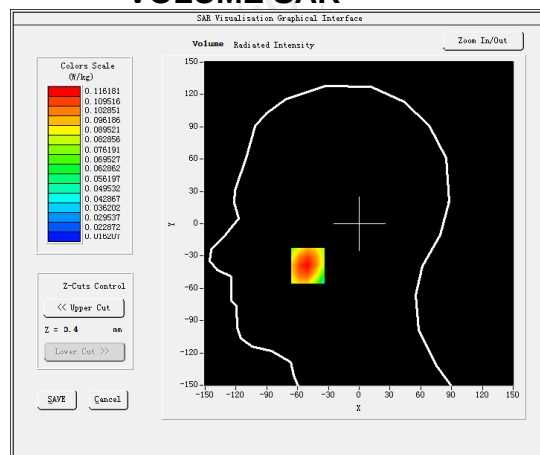
Date: 03/10/2020

Frequency (MHz)	710.000000
Relative permittivity (real part)	41.430182
Relative permittivity (imaginary part)	12.468765
Conductivity (S/m)	0.859210
Variation (%)	0.720000
Crest Factor	1.0
Probe Conversion factor	4.38
E-Field Probe:	SSE2 (SN 41/18 EP331)
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 17(1 RB#13)</u>

SURFACE SAR



VOLUME SAR



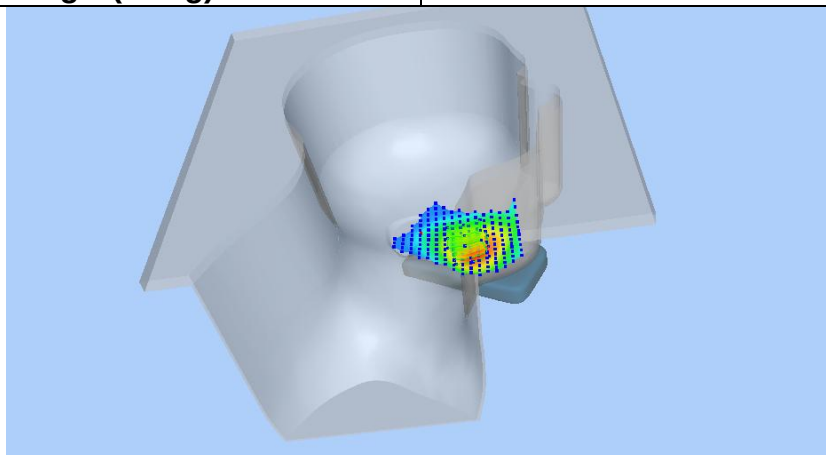
Maximum location: X=-50.00, Y=-39.00 SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)

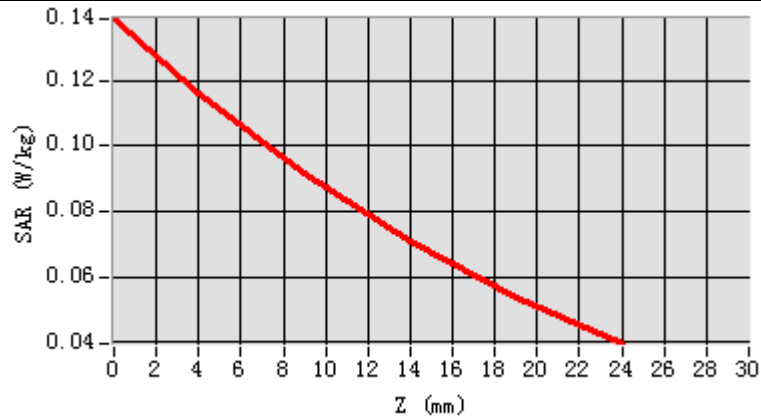
0.081643

SAR 1g (W/Kg)

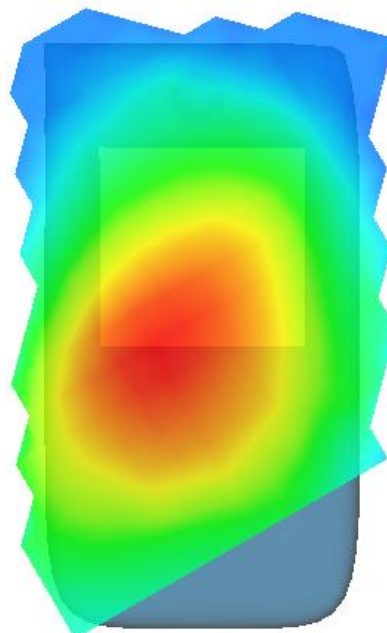
0.113733



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1390	0.1162	0.0916	0.0710	0.0539



Hot spot position



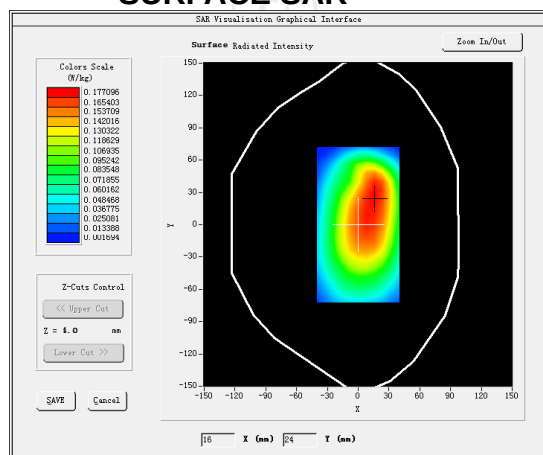
MEASUREMENT 2

Middle Band SAR (Channel 23790):

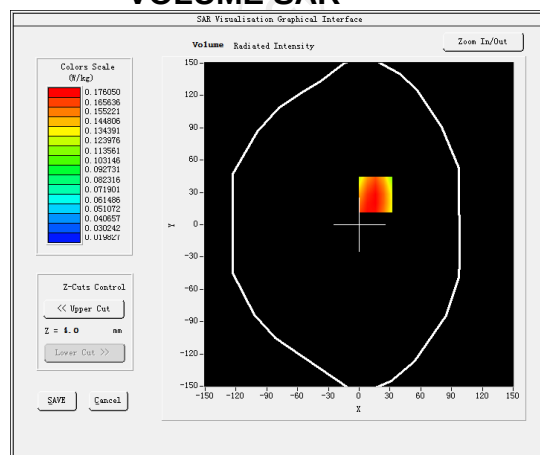
Date: 03/10/2020

Frequency (MHz)	706.500000
Relative permittivity (real part)	55.263812
Relative permittivity (imaginary part)	12.468867
Conductivity (S/m)	0.930822
Variation (%)	0.290000
Crest Factor	1.0
Probe Conversion factor	4.52
E-Field Probe:	SSE2 (SN 41/18 EP331)
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 17(1 RB#13)</u>

SURFACE SAR



VOLUME SAR



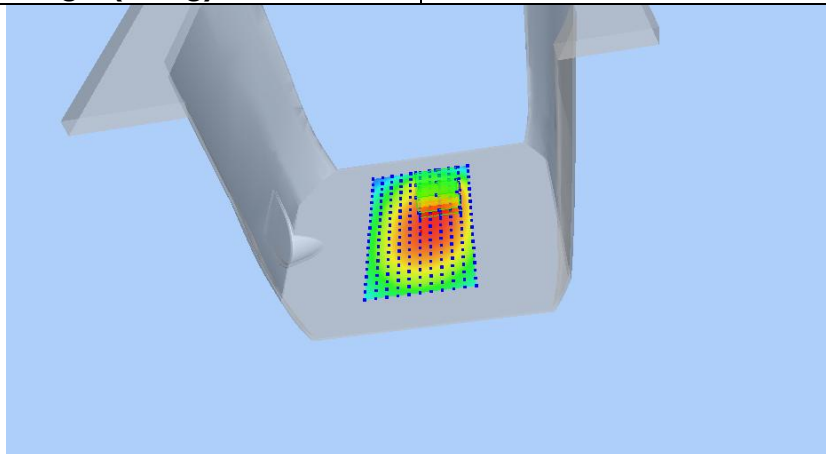
Maximum location: X=16.00, Y=28.00 SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)

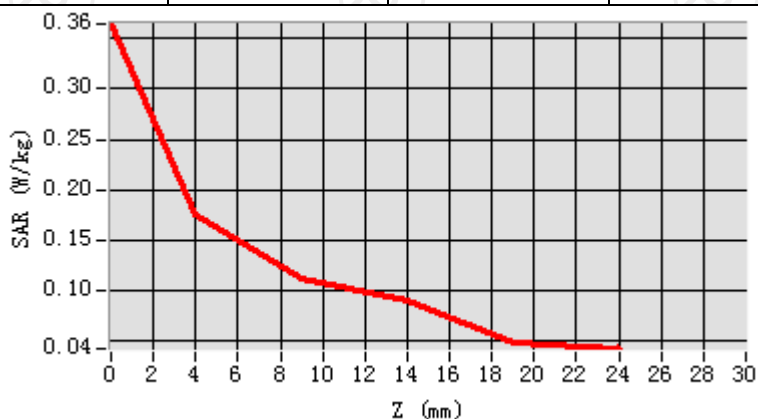
0.122715

SAR 1g (W/Kg)

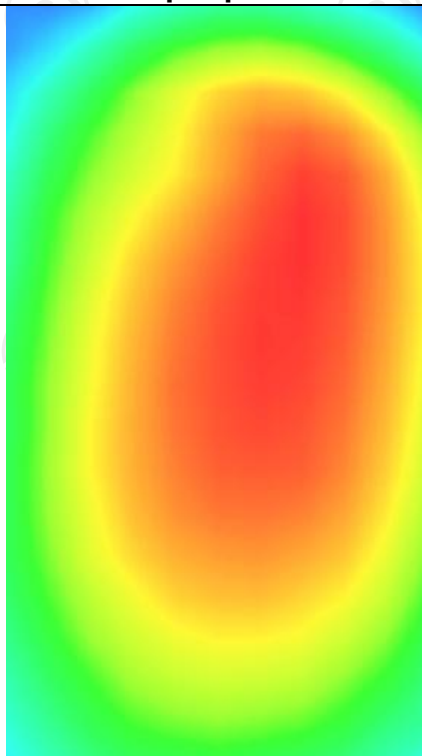
0.180877



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3647	0.1761	0.1123	0.0891	0.0484



Hot spot position



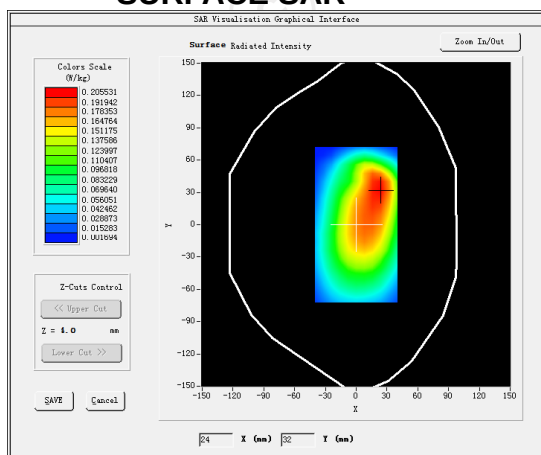
MEASUREMENT 3

Middle Band SAR (Channel 23790):

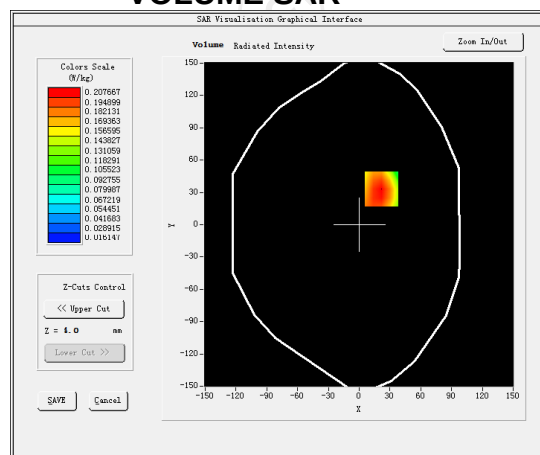
Date: 03/10/2020

Frequency (MHz)	706.500000
Relative permittivity (real part)	55.263812
Relative permittivity (imaginary part)	12.468867
Conductivity (S/m)	0.881392
Variation (%)	0.170000
Crest Factor	1.0
Probe Conversion factor	4.52
E-Field Probe:	SSE2 (SN 41/18 EP331)
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 17(1 RB#13)</u>

SURFACE SAR



VOLUME SAR



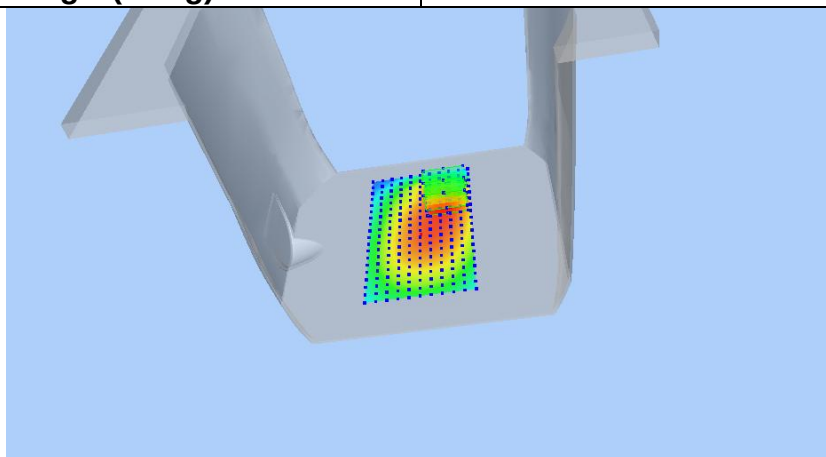
Maximum location: X=22.00, Y=33.00 SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)

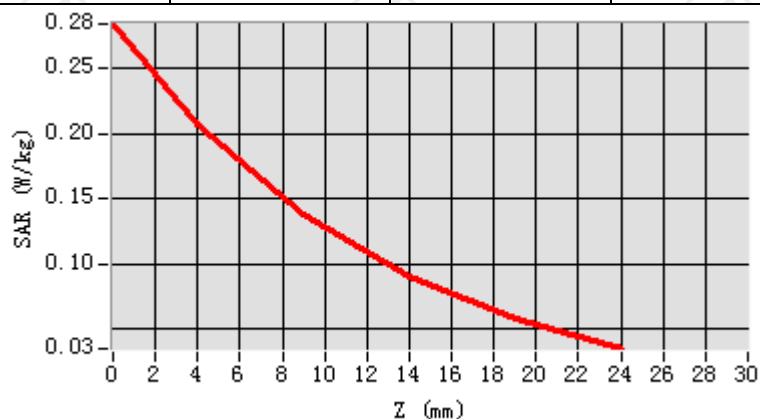
0.138321

SAR 1g (W/Kg)

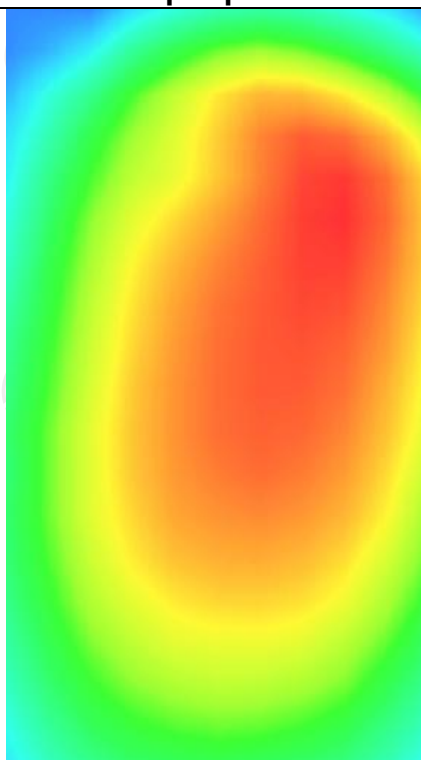
0.211390



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2842	0.2077	0.1378	0.0901	0.0578

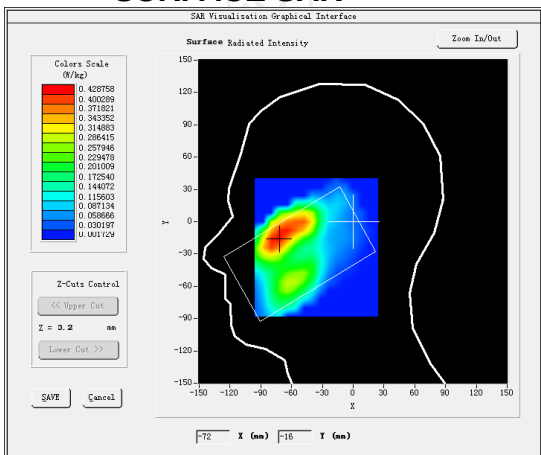
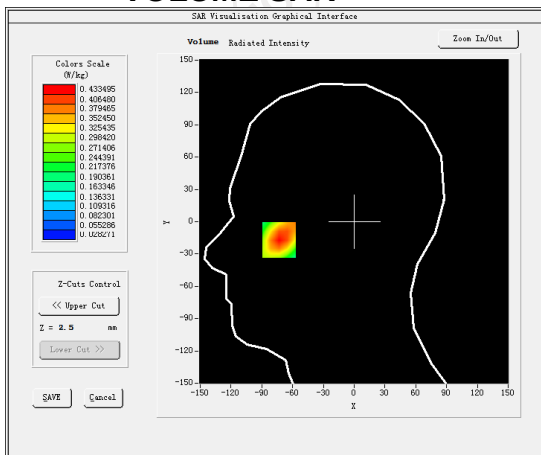


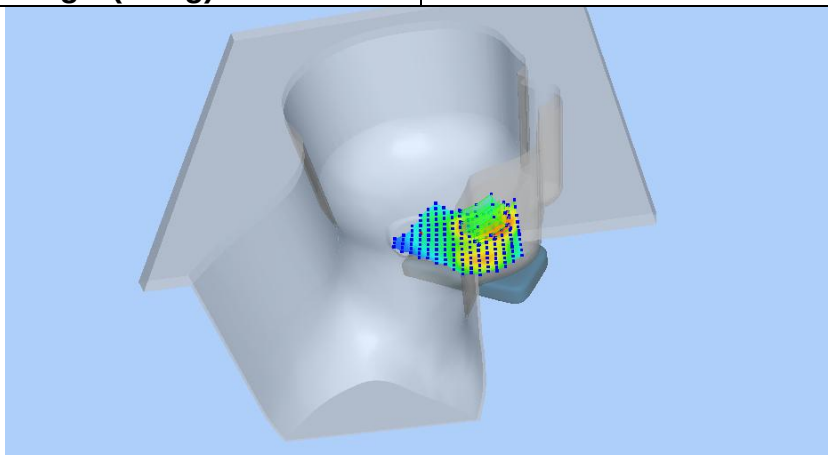
Hot spot position



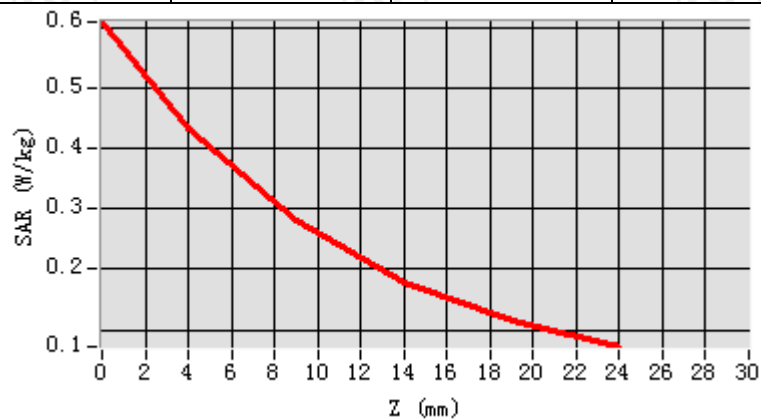
LTE Band 66

MEASUREMENT 1

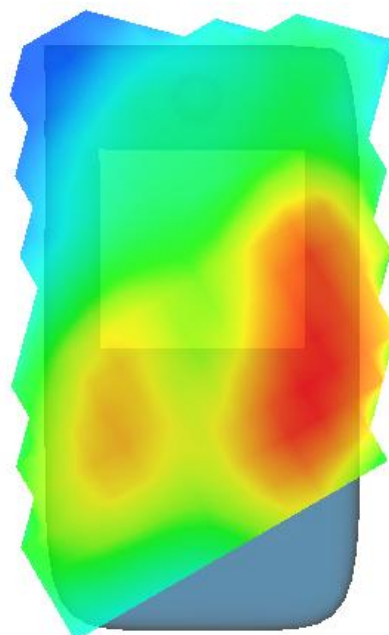
Lower Band SAR (Channel 132072):		Date: 03/16/2020
Frequency (MHz)	1720.000000	
Relative permittivity (real part)	39.101249	
Relative permittivity (imaginary part)	12.468850	
Conductivity (S/m)	1.350792	
Variation (%)	-1.310000	
Crest Factor	1.0	
Probe Conversion factor	4.38	
E-Field Probe:	SSE2 (SN 41/18 EP331)	
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	LTE band 66(1 RB#50)	
SURFACE SAR	VOLUME SAR	
		
Maximum location: X=-73.00, Y=-15.00 SAR Peak: 0.61 W/kg		
SAR 10g (W/Kg)	0.254114	
SAR 1g (W/Kg)	0.409920	



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.6091	0.4335	0.2795	0.1799	0.1163



Hot spot position



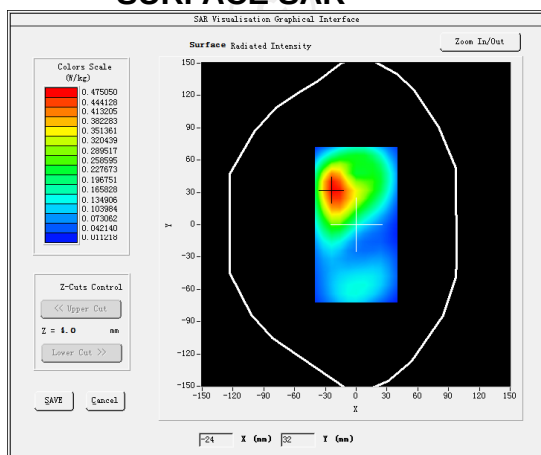
MEASUREMENT 2

Lower Band SAR (Channel 132072):

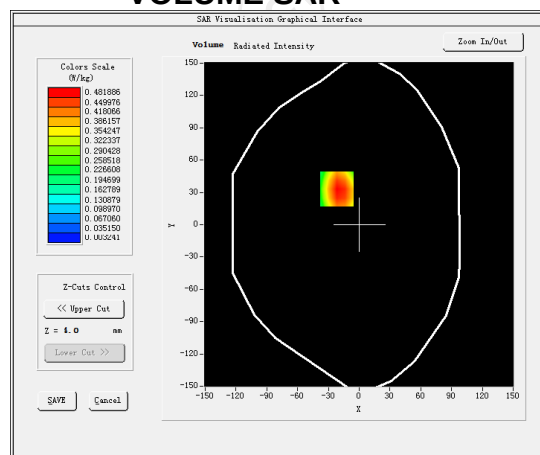
Date: 03/16/2020

Frequency (MHz)	1720.000000
Relative permittivity (real part)	53.321249
Relative permittivity (imaginary part)	12.468850
Conductivity (S/m)	1.502592
Variation (%)	-0.400000
Crest Factor	1.0
Probe Conversion factor	4.52
E-Field Probe:	SSE2 (SN 41/18 EP331)
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	LTE band 66(1 RB#50)

SURFACE SAR



VOLUME SAR



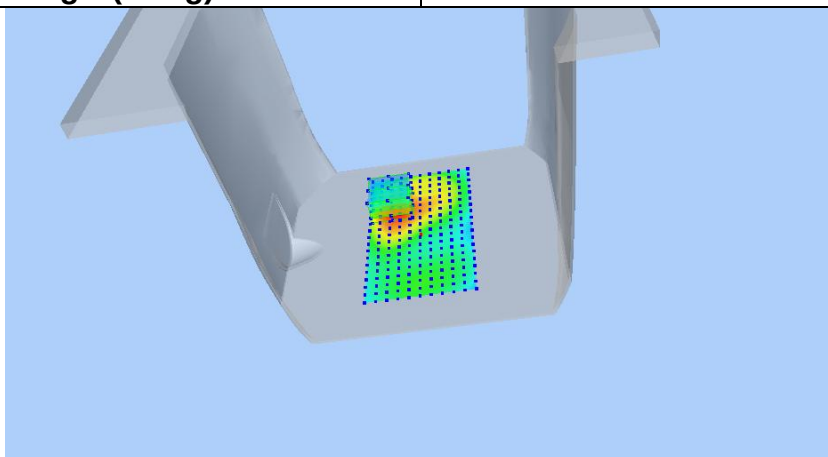
Maximum location: X=-22.00, Y=33.00 SAR Peak: 0.85 W/kg

SAR 10g (W/Kg)

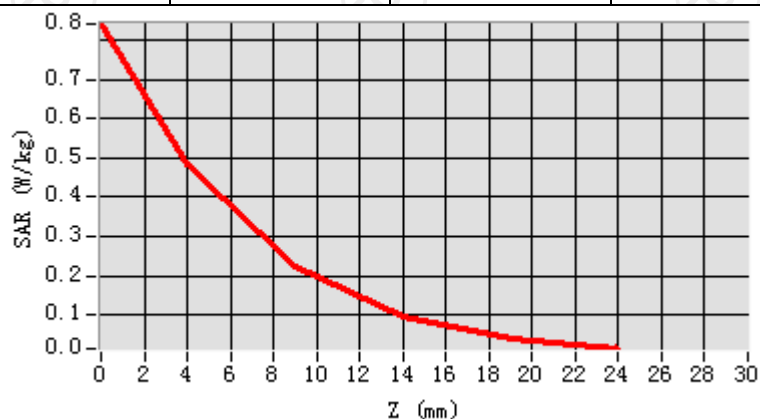
0.238743

SAR 1g (W/Kg)

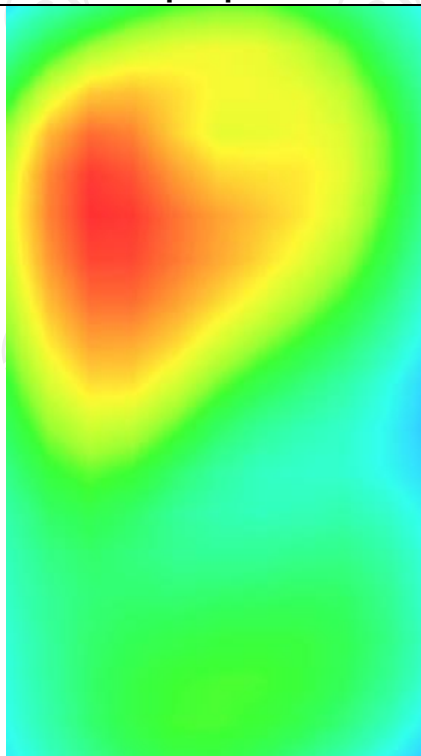
0.463235



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.8405	0.4819	0.2230	0.0970	0.0413



Hot spot position



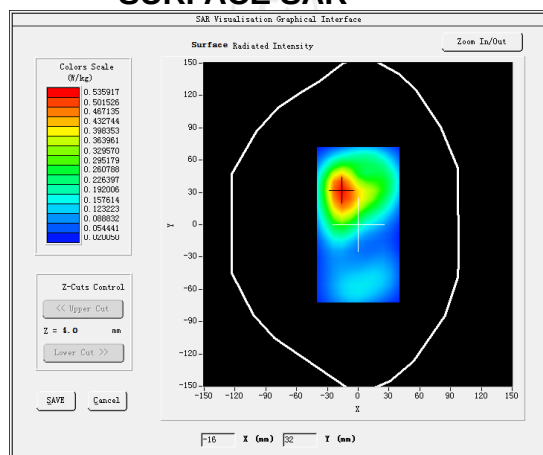
MEASUREMENT 3

Lower Band SAR (Channel 132072):

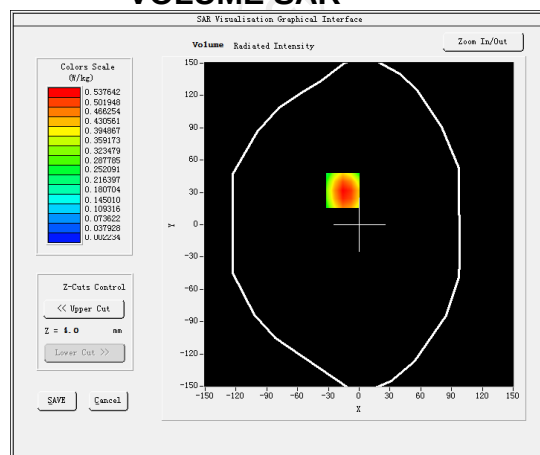
Date: 03/16/2020

Frequency (MHz)	1720.000000
Relative permittivity (real part)	53.321249
Relative permittivity (imaginary part)	12.468850
Conductivity (S/m)	1.502592
Variation (%)	0.290000
Crest Factor	1.0
Probe Conversion factor	4.52
E-Field Probe:	SSE2 (SN 41/18 EP331)
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(hotspot 10mm)
Band	LTE band 66(1 RB#50)

SURFACE SAR



VOLUME SAR



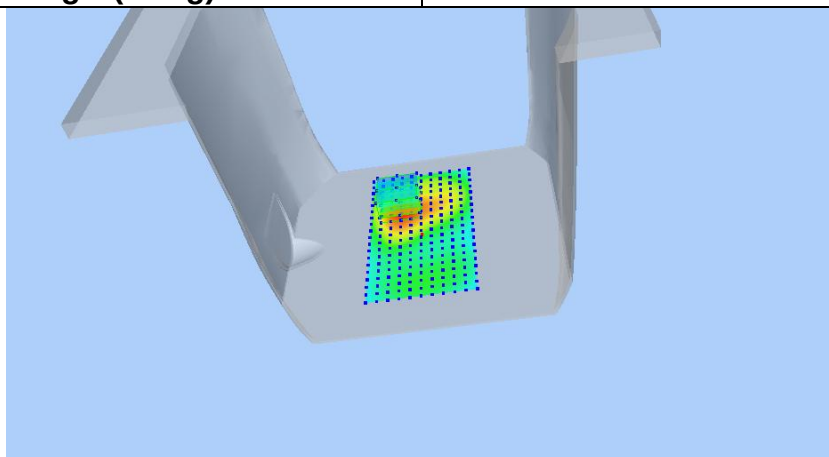
Maximum location: X=-16.00, Y=32.00 SAR Peak: 0.94 W/kg

SAR 10g (W/Kg)

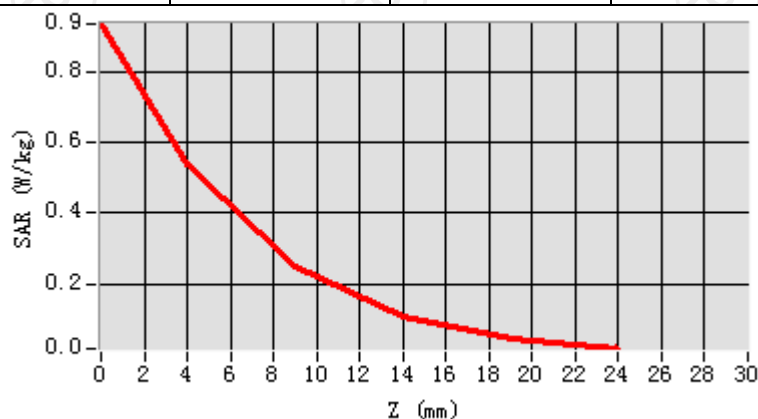
0.266158

SAR 1g (W/Kg)

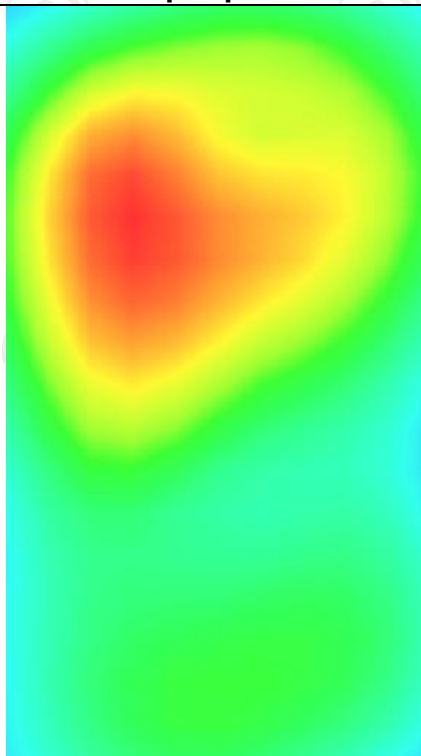
0.516035



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.9366	0.5376	0.2491	0.1082	0.0457



Hot spot position



WIFI 2.4G

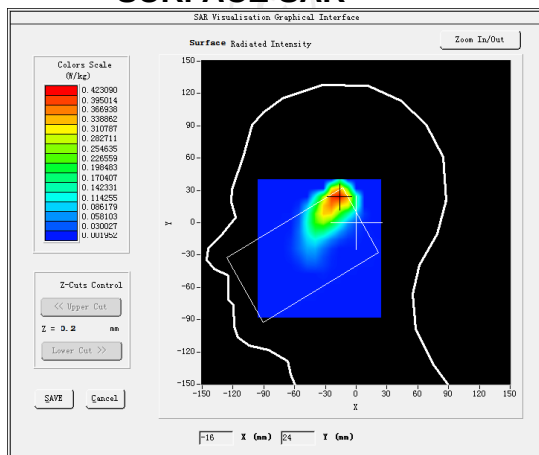
MEASUREMENT 1

Higher Band SAR (Channel 11):

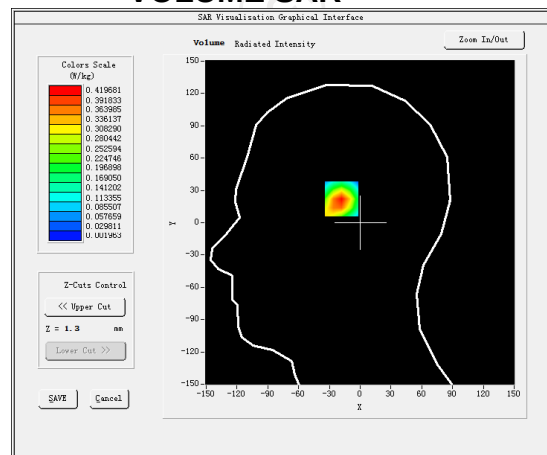
Date: 03/27/2020

Frequency (MHz)	2462.000000
Relative permittivity (real part)	37.802831
Relative permittivity (imaginary part)	13.546209
Conductivity (S/m)	1.842611
Variation (%)	-1.360000
Crest Factor	1.0
Probe Conversion factor	4.58
E-Field Probe:	SSE2 (SN 41/18 EP331)
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>Right head</u>
Device Position	<u>Cheek</u>
Band	<u>IEEE 802.11b ISM</u>

SURFACE SAR



VOLUME SAR



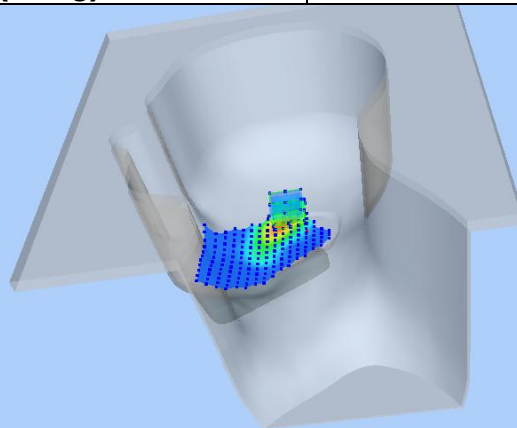
Maximum location: X=-17.00, Y=24.00 SAR Peak: 0.78 W/kg

SAR 10g (W/Kg)

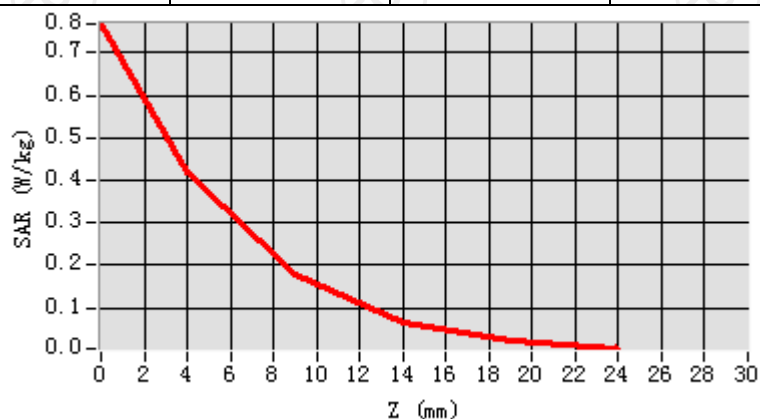
0.180066

SAR 1g (W/Kg)

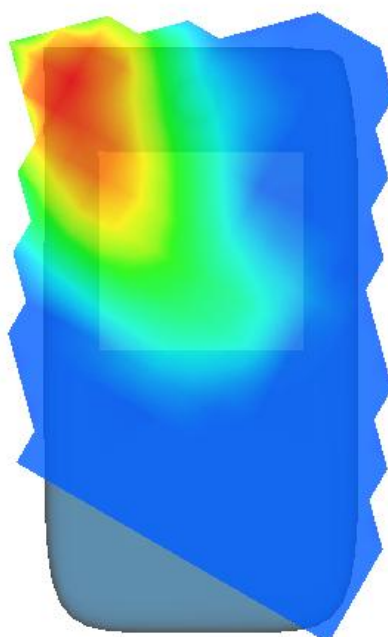
0.395053



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



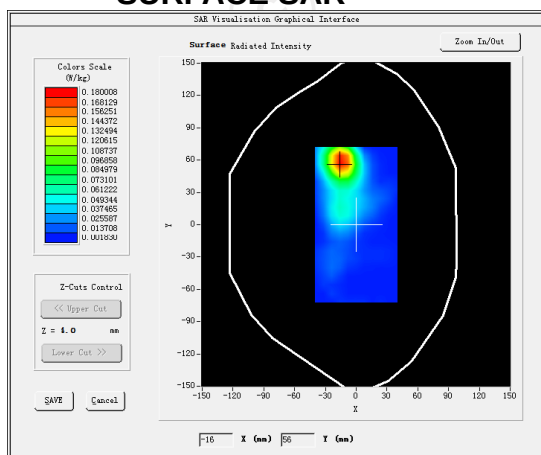
MEASUREMENT 2

Higher Band SAR (Channel 11):

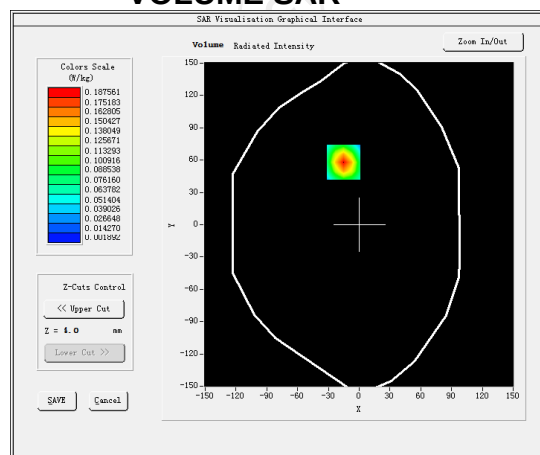
Date: 03/27/2020

Frequency (MHz)	2462.000000
Relative permittivity (real part)	54.590667
Relative permittivity (imaginary part)	14.318428
Conductivity (S/m)	2.032536
Variation (%)	4.010000
Crest Factor	1.0
Probe Conversion factor	4.70
E-Field Probe:	SSE2 (SN 41/18 EP331)
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(10mm)
Band	<u>IEEE 802.11b ISM</u>

SURFACE SAR



VOLUME SAR



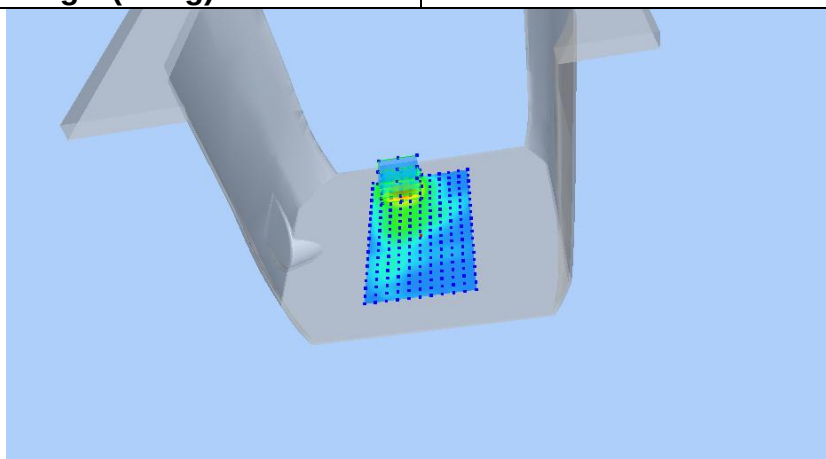
Maximum location: X=-15.00, Y=58.00 SAR Peak: 0.34 W/kg

SAR 10g (W/Kg)

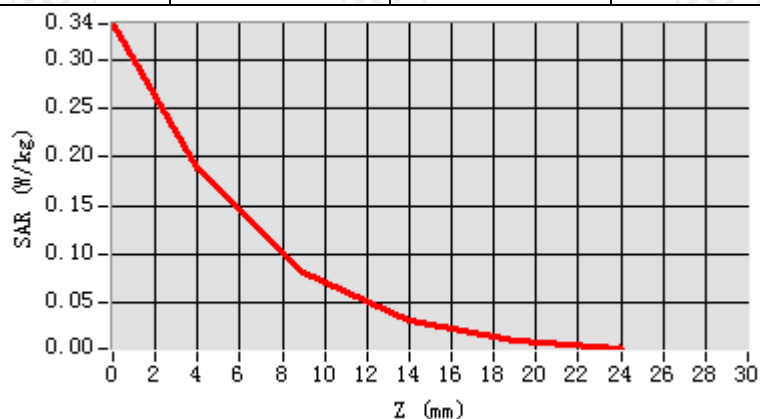
0.077530

SAR 1g (W/Kg)

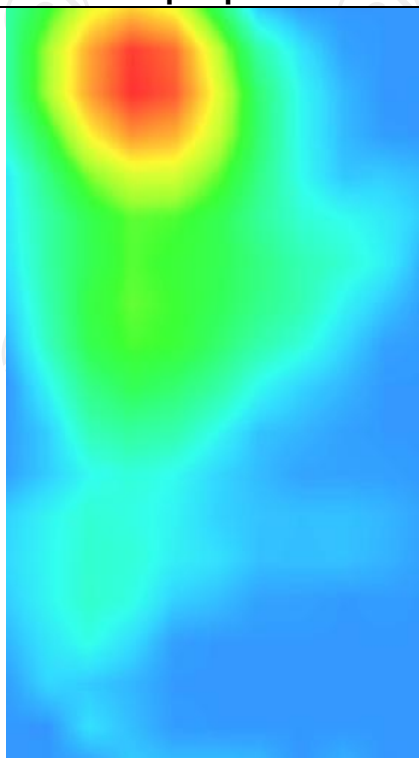
0.173292



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



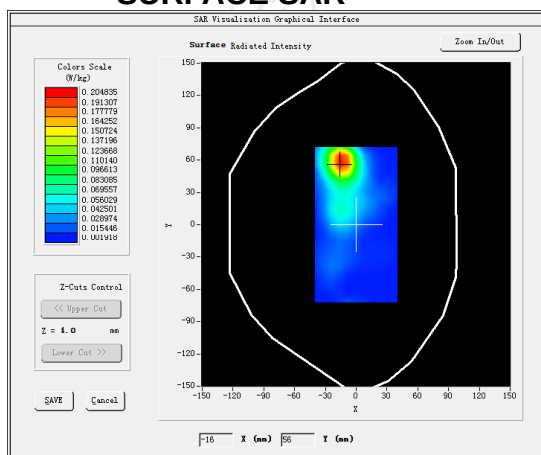
MEASUREMENT 3

Higher Band SAR (Channel 11):

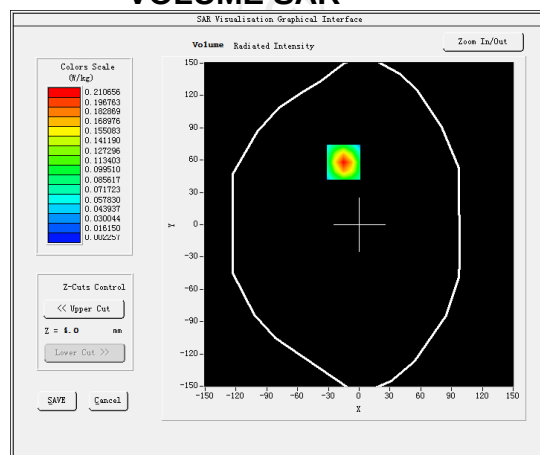
Date: 03/27/2020

Frequency (MHz)	2462.000000
Relative permittivity (real part)	54.590667
Relative permittivity (imaginary part)	14.318428
Conductivity (S/m)	2.032536
Variation (%)	-4.110000
Crest Factor	1.0
Probe Conversion factor	4.70
E-Field Probe:	SSE2 (SN 41/18 EP331)
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(10mm)
Band	<u>IEEE 802.11b ISM(hotspot)</u>

SURFACE SAR



VOLUME SAR



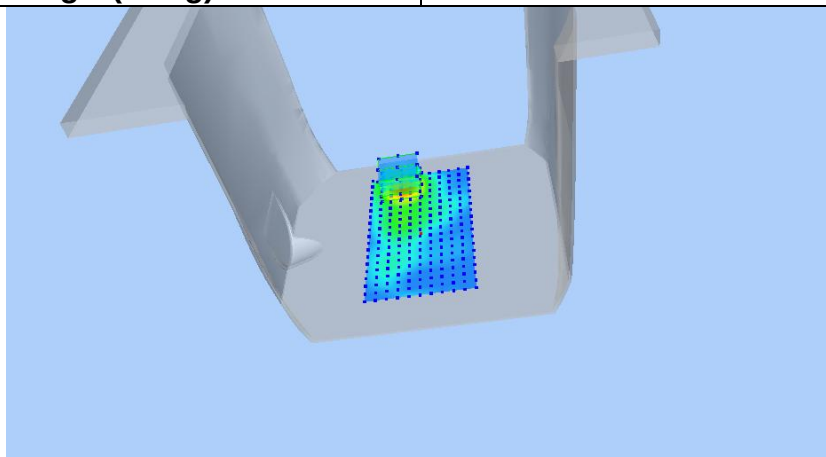
Maximum location: X=-15.00, Y=58.00 SAR Peak: 0.37 W/kg

SAR 10g (W/Kg)

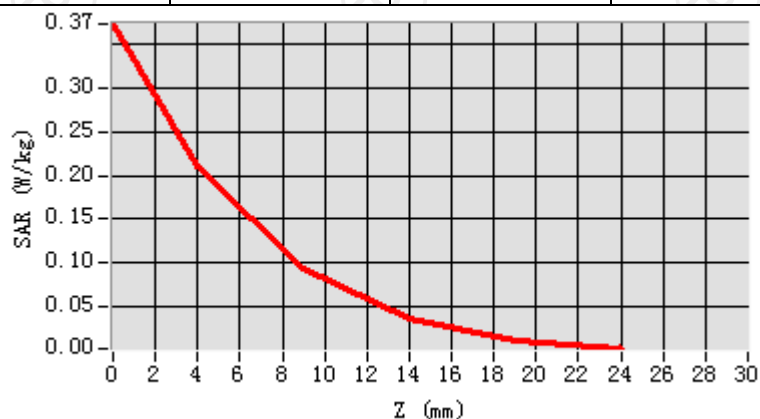
0.087182

SAR 1g (W/Kg)

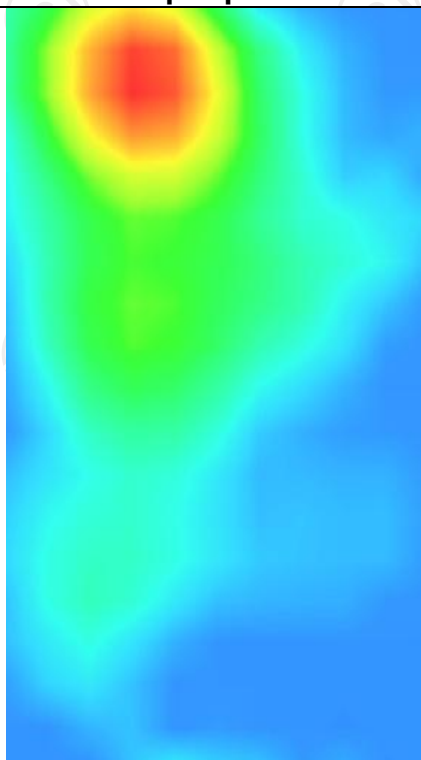
0.193788



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



Appendix A: EUT Photos



Liquid depth



The Body Liquid of 835MHz (15.4cm)



The Body Liquid of 1800MHz (15.2 cm)



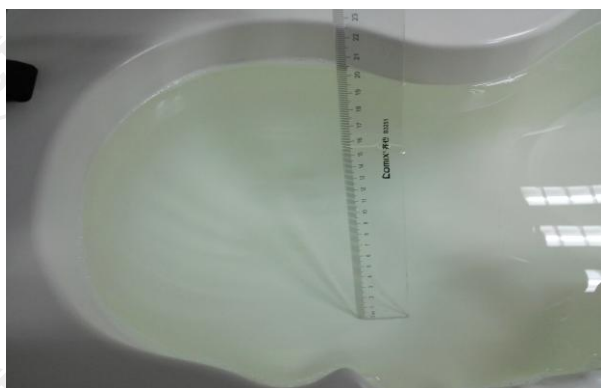
The Body Liquid of 1900MHz (16.4 cm)



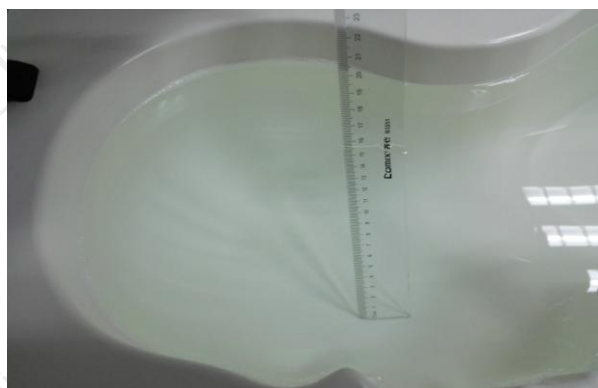
The Body Liquid of 2450MHz (15.3cm)



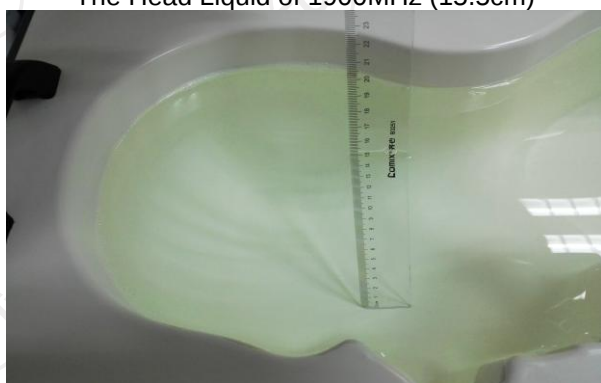
The Body Liquid of 2600MHz (16.5cm)



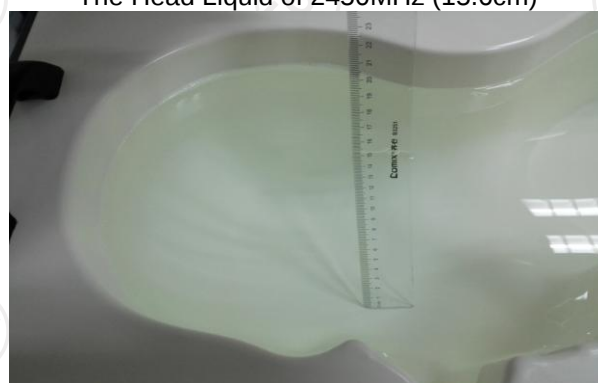
The Head Liquid of 1900MHz (15.5cm)



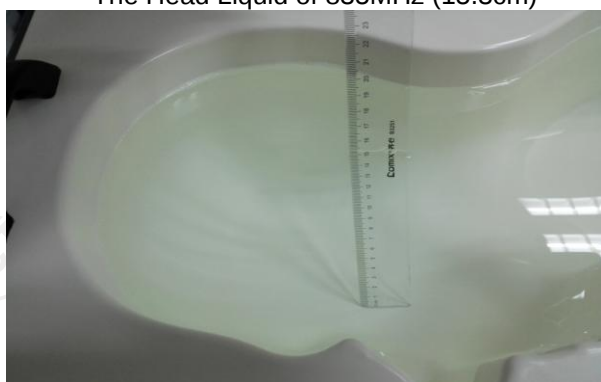
The Head Liquid of 2450MHz (15.6cm)



The Head Liquid of 835MHz (15.3cm)

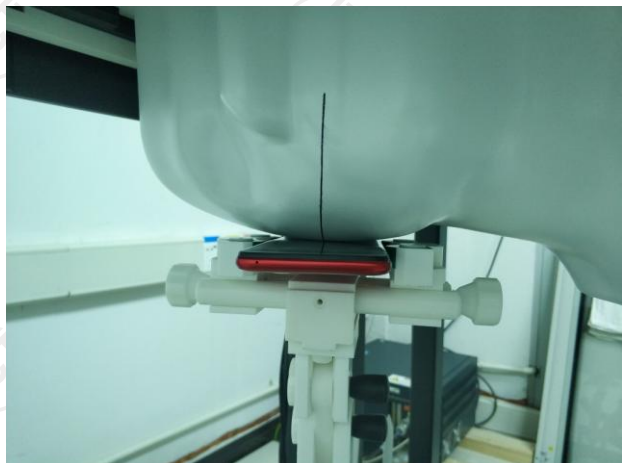


The Head Liquid of 2600MHz (15.1cm)

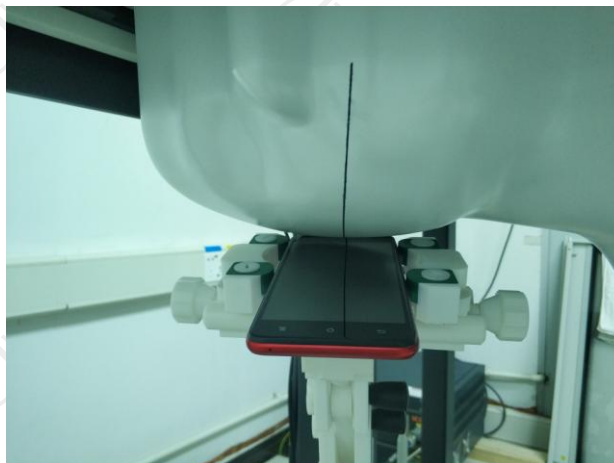


The Head Liquid of 1800MHz (15.2cm)

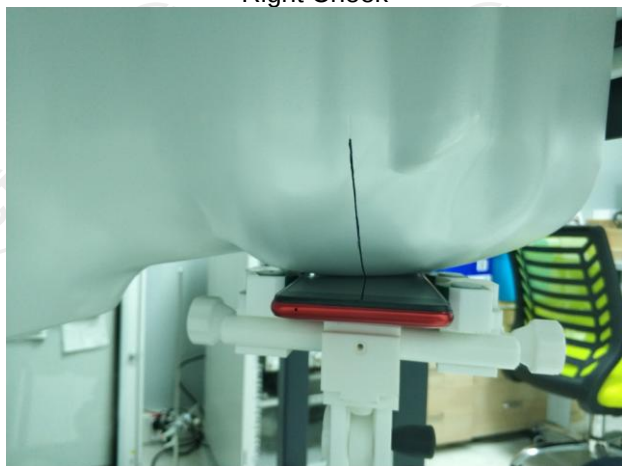
Appendix B: Test Setup Photos



Right Cheek



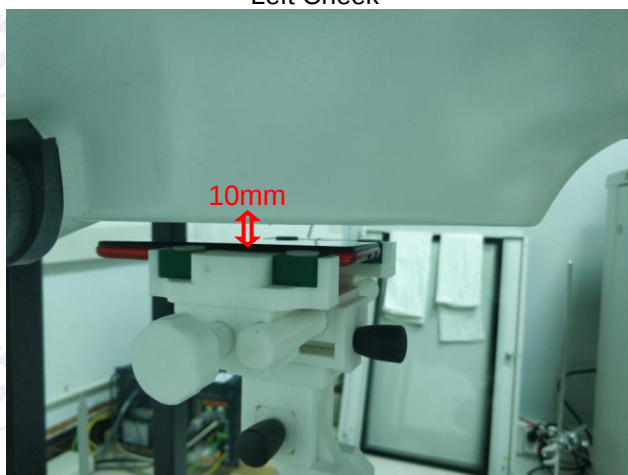
Right Tilted



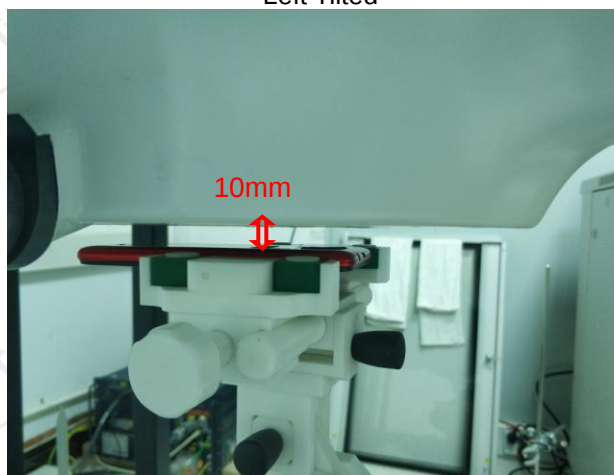
Left Cheek



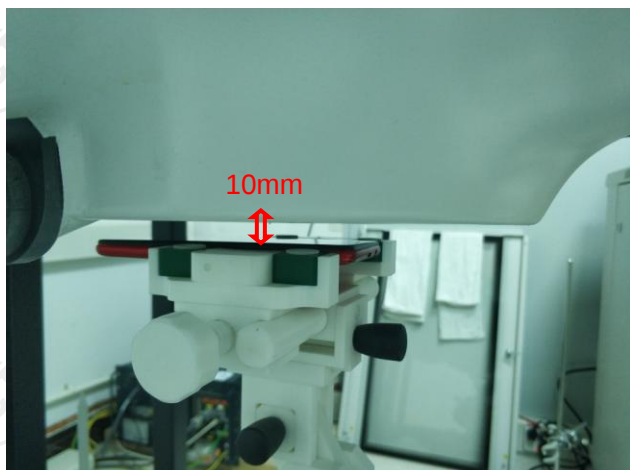
Left Tilted



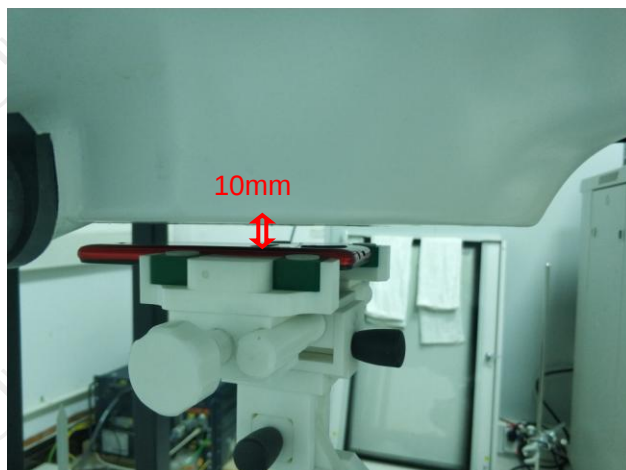
Body worn – Front (10mm)



Body worn – Back (10mm)



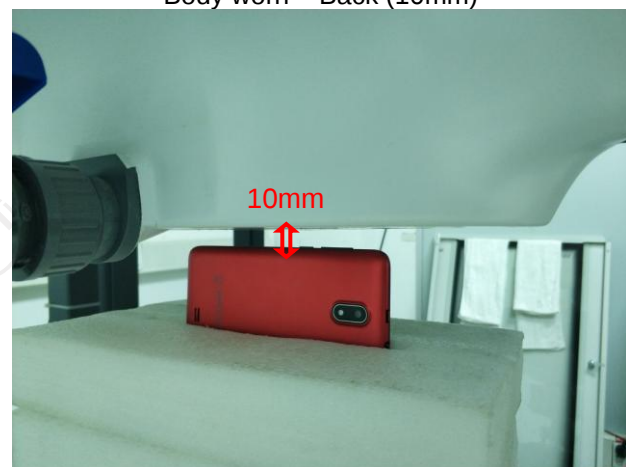
Body worn – Front (10mm)



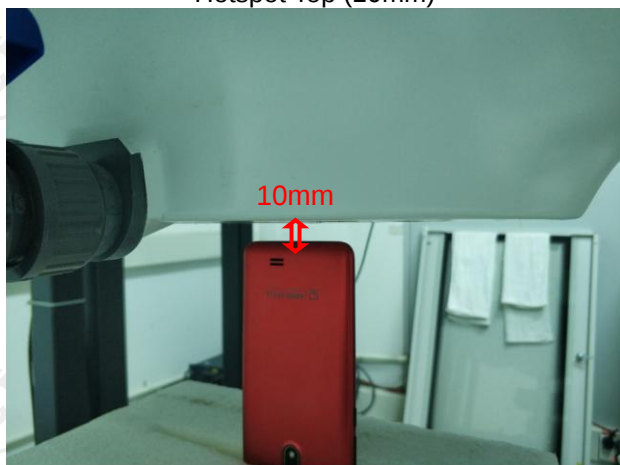
Body worn – Back (10mm)



Hotspot Top (10mm)



Hotspot Right (10mm)



Hotspot Bottom (10mm)



Hotspot Left (10mm)