

UNCERTAINTY FOR PERFORMANCE CHECK

Uncertainty Component	Description	Uncertainty Value(%)	Probably Distribution	Div.	(Ci) 1g	(Ci) 10g	Std. Unc. 1g(%)	Std. Unc. 10g(%)	v
Measurement system									
Probe calibration	7.2.1	5.8	N	1	1	1	5.8	5.8	∞
Axial isotropy	7.2.1.1	3.5	R	$\sqrt{3}$	$(1-C_p)^{1/2}$	$(1-C_p)^{1/2}$	1.43	1.43	∞
Hemispherical isotropy	7.2.1.1	5.9	R	$\sqrt{3}$	$\sqrt{C_p}$	$\sqrt{C_p}$	2.41	2.41	∞
Boundary Effects	7.2.1.4	1.00	R	$\sqrt{3}$	1	1	0.58	0.58	∞
Linearity	7.2.1.2	4.70	R	$\sqrt{3}$	1	1	2.71	2.71	∞
System detection limits	7.2.1.2	1	R	$\sqrt{3}$	1	1	0.58	0.58	∞
Modulation Response	7.2.1.3	3	N	1	1	1	0.00	0.00	∞
Readout Electronics	7.2.1.5	0.5	N	1	1	1	0.50	0.50	∞
Response Time	7.2.1.6	0	R	$\sqrt{3}$	1	1	0.00	0.00	∞
Integration Time	7.2.1.7	1.4	R	$\sqrt{3}$	1	1	0.81	0.81	∞
RF Ambient Conditions-Noise	7.2.3.7	3	R	$\sqrt{3}$	1	1	1.73	1.73	∞
RF Ambient Conditions-Reflection	7.2.3.7	3	R	$\sqrt{3}$	1	1	1.73	1.73	∞
Probe positioned mechanical Tolerance	7.2.2.1	1.4	R	$\sqrt{3}$	1	1	0.81	0.81	∞
Probe positioning with respect to phantom shell	7.2.2.3	1.4	R	$\sqrt{3}$	1	1	0.81	0.81	∞
Extrapolation interpolation and integration algorithms for Max.SAR evaluation	7.2.4	2.3	R	1	1	1	1.33	1.33	∞
Dipole									
Deviation of experimental source from numerical source		4	N	1	1	1	4.00	4.00	∞
Input power and SAR drift measurement	7.2.3.6	5	R	$\sqrt{3}$	1	1	2.89	2.89	∞
Dipole axis to liquid distance		2	R	$\sqrt{3}$	1	1			∞
Phantom and tissue parameters									
Phantom uncertainty (shape and thickness tolerances)	7.2.2.2	4	R	$\sqrt{3}$	1	1	2.31	2.31	∞
uncertainty in SAR correction for deviation (in permittivity and conductivity)	7.2.6	2	N	1	1	0.84	2.00	1.68	∞
Liquid conductivity (temperature uncertainty)	7.2.3.5	2.5	N	1	0.78	0.71	1.95	1.78	∞
Liquid conductivity -measurement uncertainty	7.2.3.3	4	N	1	0.23	0.26	0.92	1.04	∞
Liquid permittivity (temperature uncertainty)	7.2.3.5	2.5	N	1	0.78	0.71	1.95	1.78	∞
Liquid permittivity measurement uncertainty	7.2.3.4	5	N	1	0.23	0.26	1.15	1.30	∞
Combined standard uncertainty			RSS				10.15	10.05	
Expanded uncertainty (95%CONFIDENCEINTE RVAL			k				20.29	20.10	

Test Equipment List

Test Equipment	Manufacturer	Model	Serial Number	Calibration	
				Calibration Date (D.M.Y)	Calibration Due (D.M.Y)
PC	Lenovo	H3050	N/A	N/A	N/A
Signal Generator	Agilent	N5182A	MY47070282	Jul. 08, 2021	Jul. 07, 2022
Multimeter	Keithley	Multimeter 2000	4078275	Jul. 08, 2021	Jul. 07, 2022
Network Analyzer	Agilent	8753E	US38432457	Jul. 08, 2021	Jul. 07, 2022
Wireless Communication Test Set	R & S	CMU200	111382	Jul. 08, 2021	Jul. 07, 2022
Wideband Radio Communication Tester	R&S	CMW500	114220	Jul. 08, 2021	Jul. 07, 2022
Power Meter	Agilent	E4418B	GB43312526	Jul. 08, 2021	Jul. 07, 2022
Power Meter	Agilent	E4416A	MY45101555	Jul. 08, 2021	Jul. 07, 2022
Power Meter	Agilent	N1912A	MY50001018	Jul. 08, 2021	Jul. 07, 2022
Power Sensor	Agilent	E9301A	MY41497725	Jul. 08, 2021	Jul. 07, 2022
Power Sensor	Agilent	E9327A	MY44421198	Jul. 08, 2021	Jul. 07, 2022
Power Sensor	Agilent	E9323A	MY53070005	Jul. 08, 2021	Jul. 07, 2022
Power Amplifier	PE	PE15A4019	112342	N/A	N/A
Directional Coupler	Agilent	722D	MY52180104	N/A	N/A
Attenuator	Chensheng	FF779	134251	N/A	N/A
E-Field PROBE	MVG	SSE2	SN 36/20 EPGO346	Oct. 08, 2021	Oct. 07, 2022
DIPOLE 750	MVG	SID750	SN 16/15 DIP 0G750-368	Jun. 05, 2021	Jun. 04, 2024
DIPOLE 835	MVG	SID835	SN 16/15 DIP 0G835-369	Jun. 05, 2021	Jun. 04, 2024
DIPOLE 1800	MVG	SID 1800	SN 16/15 DIP 1G800-371	Jun. 05, 2021	Jun. 04, 2024
DIPOLE 1900	MVG	SID1900	SN 16/15 DIP 1G900-372	Jun. 05, 2021	Jun. 04, 2024
DIPOLE 2450	MVG	SID 2450	SN 16/15 DIP 2G450-374	Jun. 05, 2021	Jun. 04, 2024
DIPOLE 2600	MVG	SID 2600	SN 16/15 DIP 2G600-375	Jun. 05, 2021	Jun. 04, 2024
Limesar Dielectric Probe	MVG	SCLMP	SN 19/15 OCPG71	Jun. 05, 2021	Jun. 04, 2024
Communication Antenna	MVG	ANTA59	SN 39/14 ANTA59	N/A	N/A
Mobile Phone Position Device	MVG	MSH101	SN 19/15 MSH101	N/A	N/A
Dummy Probe	MVG	DP66	SN 13/15 DP66	N/A	N/A
SAM PHANTOM	MVG	SAM120	SN 19/15 SAM120	N/A	N/A
PHANTOM TABLE	MVG	TABP101	SN 19/15 TABP101	N/A	N/A
Robot TABLE	MVG	TABP61	SN 19/15 TABP61	N/A	N/A
6 AXIS ROBOT	KUKA	KR6-R900	501822	N/A	N/A

Note:1.N/A means this equipment no need to calibrate

2.Each Time means this device need to calibrate every use time

3. The dipole was not damaged properly repaired.

4. The measured SAR deviates from the calibrated SAR value by less than 10%

5. The most recent return-loss result meets the required 20 dB minimum return-loss requirement

6. The most recent measurement of the real or imaginary parts of the impedance deviates by less than 5 Ω from the previous measurement.

System Check Results

Date of measurement: 02/25/2022 Test mode: 750 (Head)

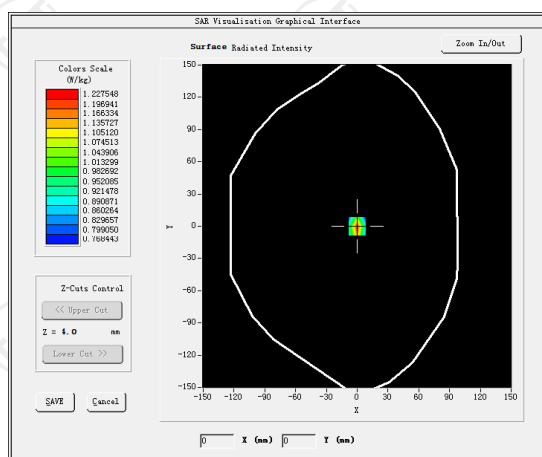
Product Description: Validation

Dipole Model: SID750

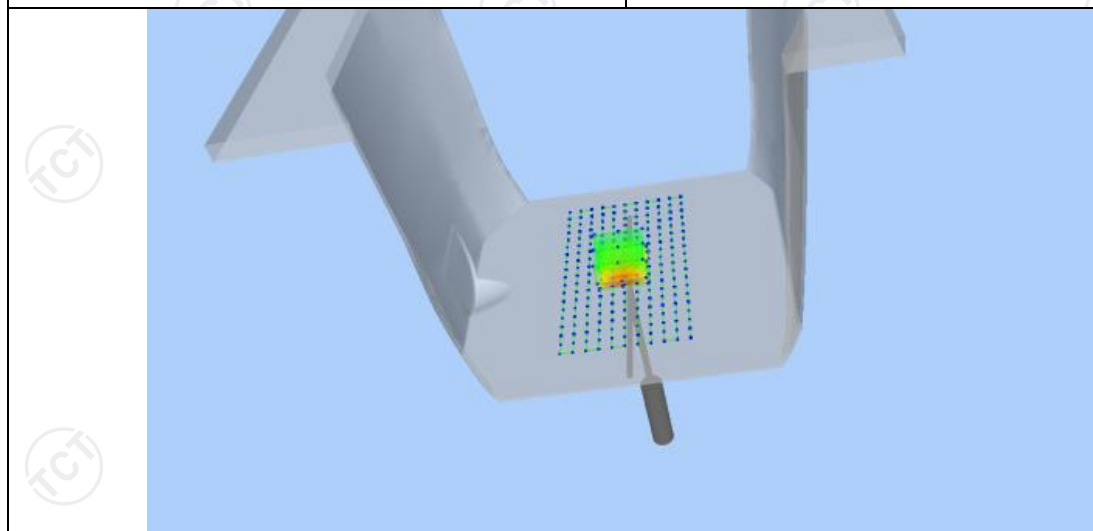
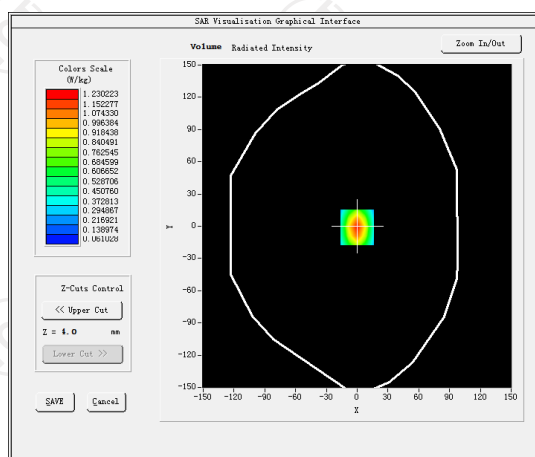
E-Field Probe: SSE2 (SN 36/20 EPGO346)

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

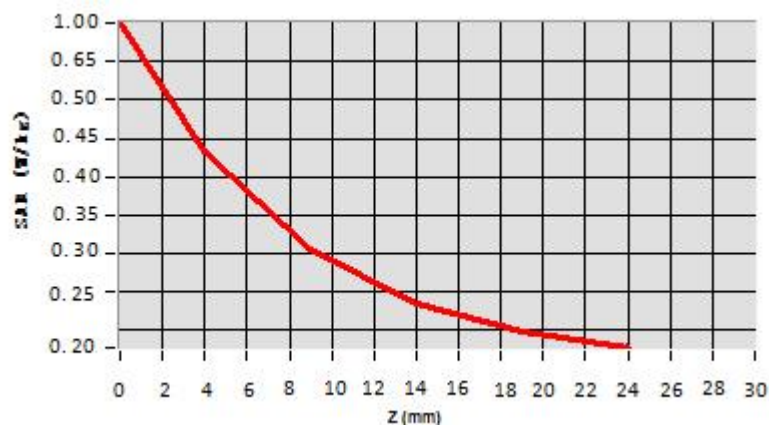
SURFACE SAR



VOLUME SAR



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



Hot spot position



Date of measurement: 02/25/2022 Test mode: 750 (Body)

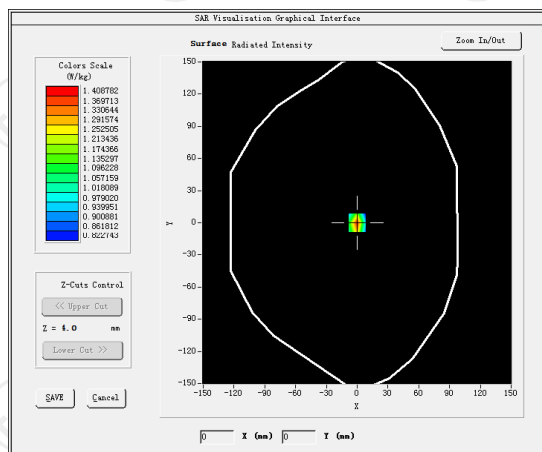
Product Description: Validation

Dipole Model: SID750

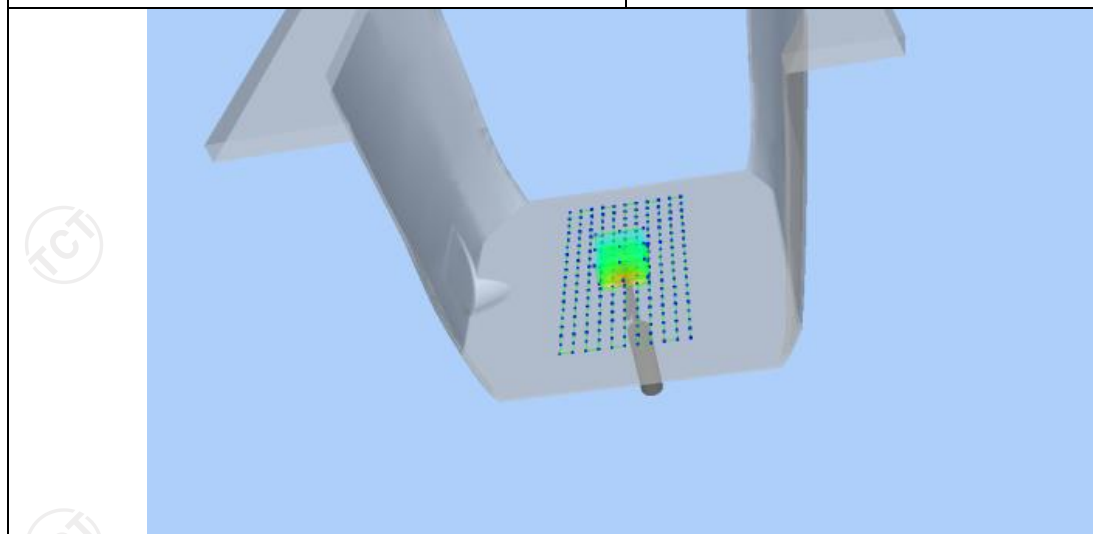
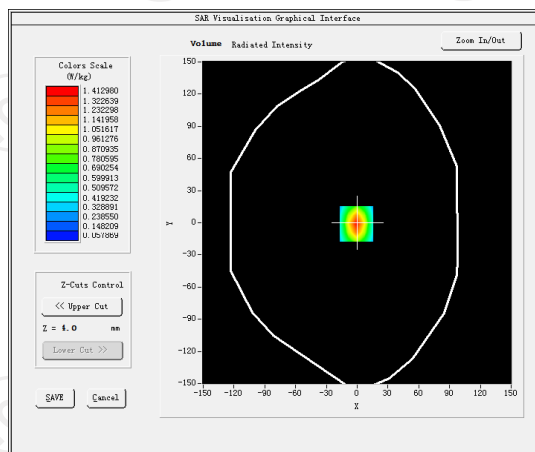
E-Field Probe: SSE2 (SN 36/20 EPGO346)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	1.78
Frequency (MHz)	750.000000
Relative permittivity (real part)	56.701166
Relative permittivity (imaginary part)	20.148160
Conductivity (S/m)	0.981243
Variation (%)	-0.150000
SAR 10g (W/Kg)	0.562014
SAR 1g (W/Kg)	0.832441

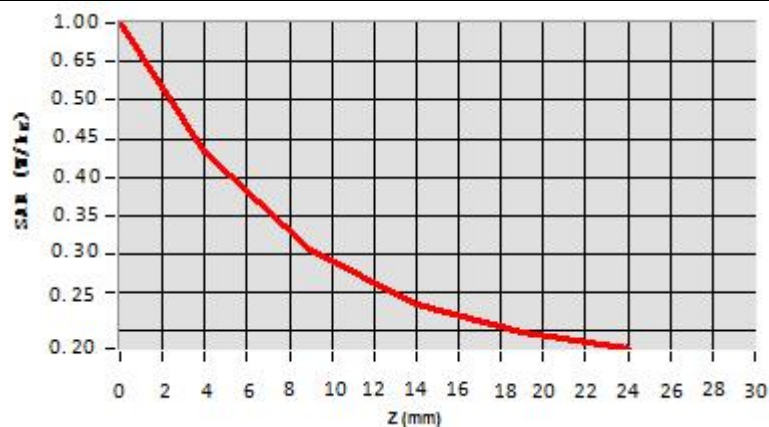
SURFACE SAR



VOLUME SAR



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.014	0.4420	0.3029	0.2419	0.2240



Hot spot position



Date of measurement: 03/02/2022 Test mode: 835 (Head)

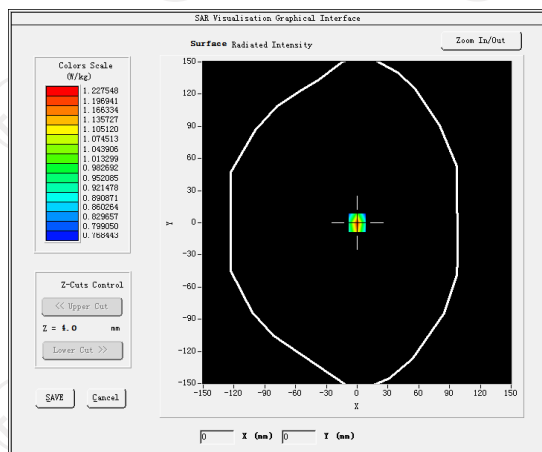
Product Description: Validation

Dipole Model: SID835

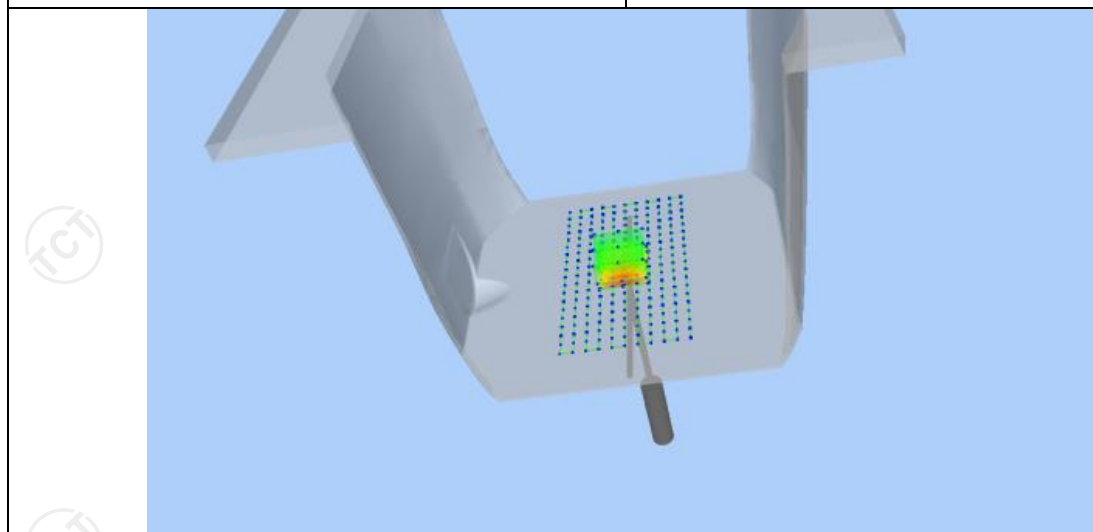
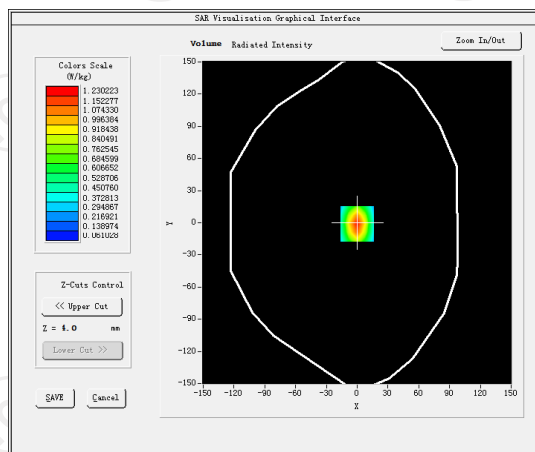
E-Field Probe: SSE2 (SN 36/20 EPGO346)

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

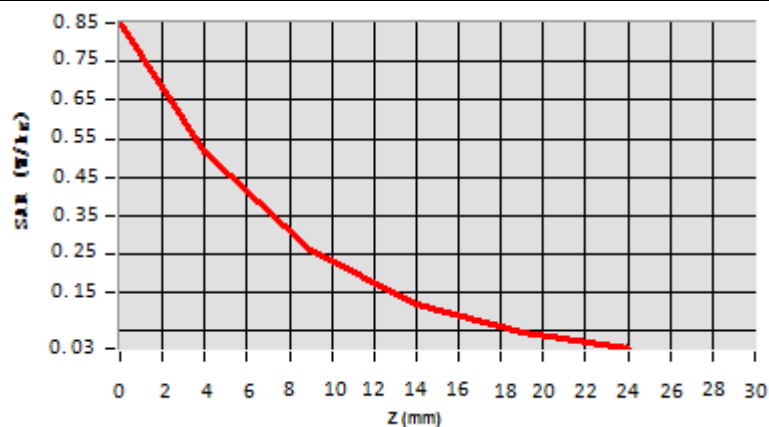
SURFACE SAR



VOLUME SAR



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



Hot spot position



Date of measurement: 03/02/2022 Test mode: 835 (Body)

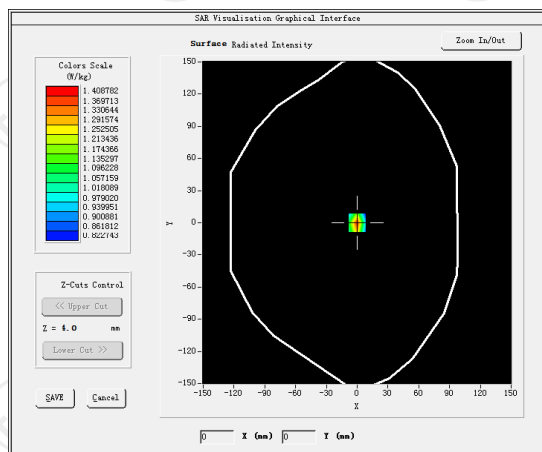
Product Description: Validation

Dipole Model: SID835

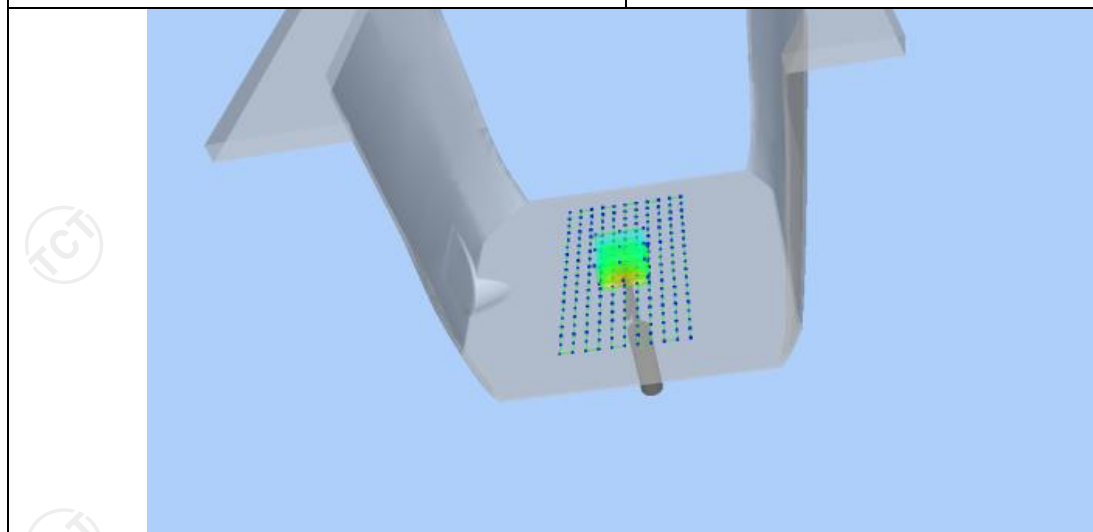
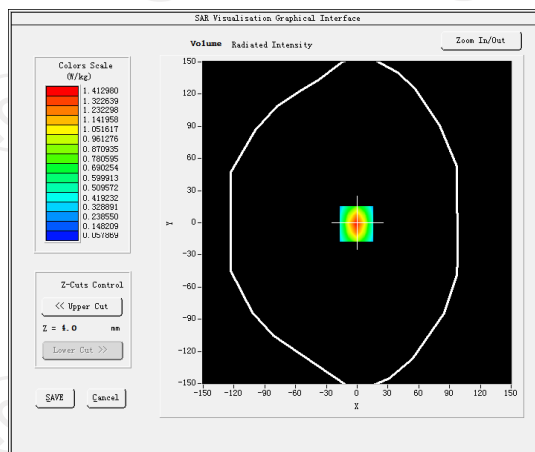
E-Field Probe: SSE2 (SN 36/20 EPGO346)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	1.86
Frequency (MHz)	835.000000
Relative permittivity (real part)	55.242077
Relative permittivity (imaginary part)	21.378187
Conductivity (S/m)	0.938883
Variation (%)	-0.150000
SAR 10g (W/Kg)	0.633123
SAR 1g (W/Kg)	0.949446

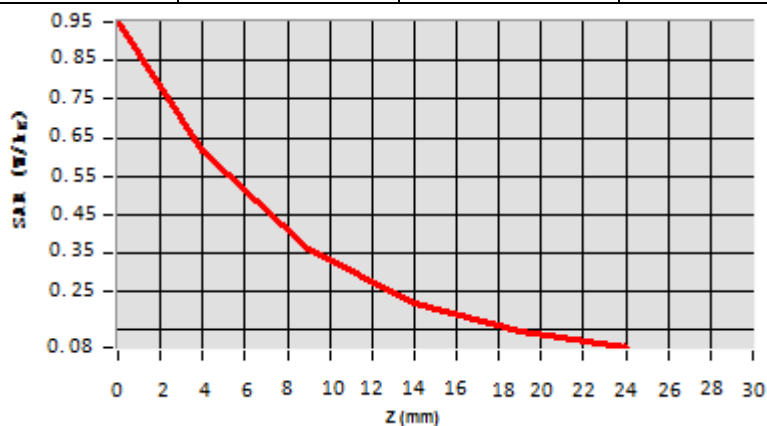
SURFACE SAR



VOLUME SAR



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.9625	0.6022	0.3594	0.2202	0.0725



Hot spot position



Date of measurement: 03/17/2022 Test mode: 1800MHz (Head)

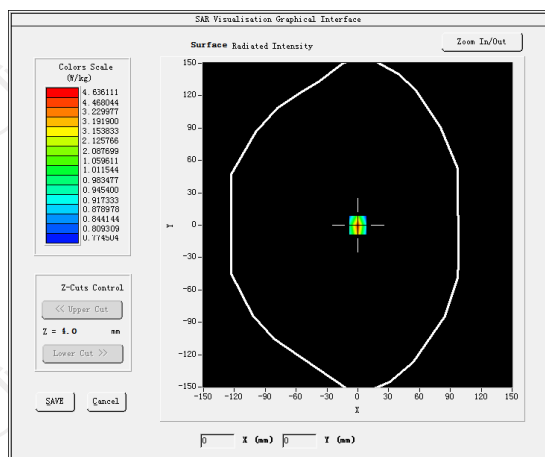
Product Description: Validation

Dipole Model: SID1800

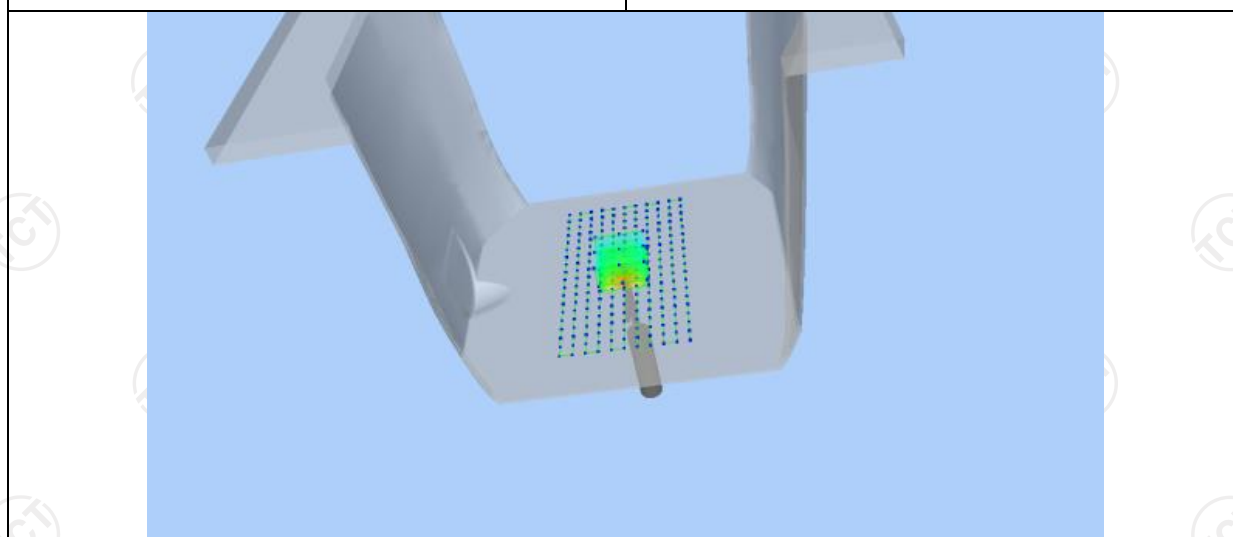
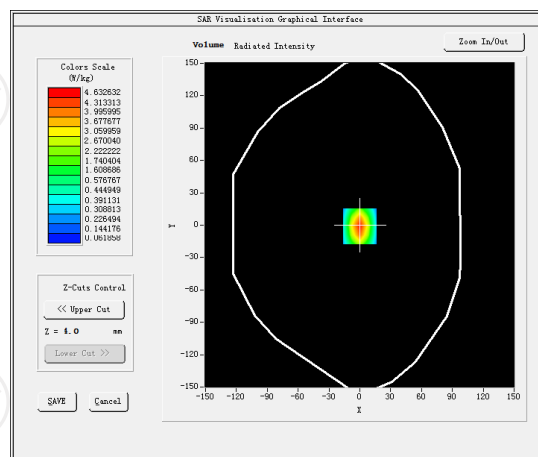
E-Field Probe: SSE2 (SN 36/20 EPGO346)

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

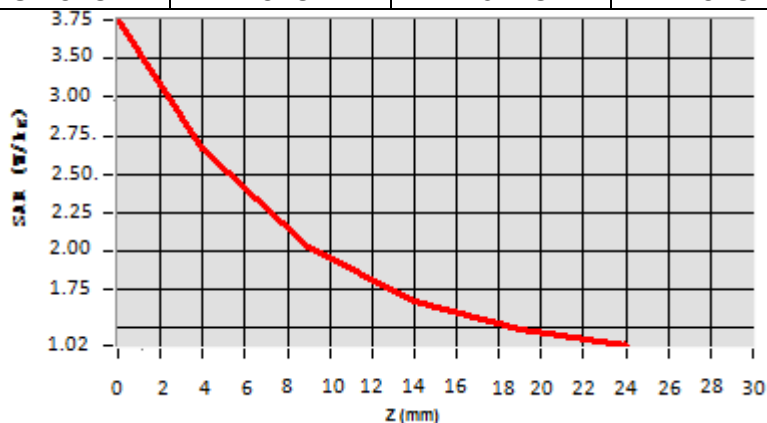
SURFACE SAR



VOLUME SAR



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



Hot spot position



Date of measurement: 03/17/2022 Test mode: 1800MHz (Body)

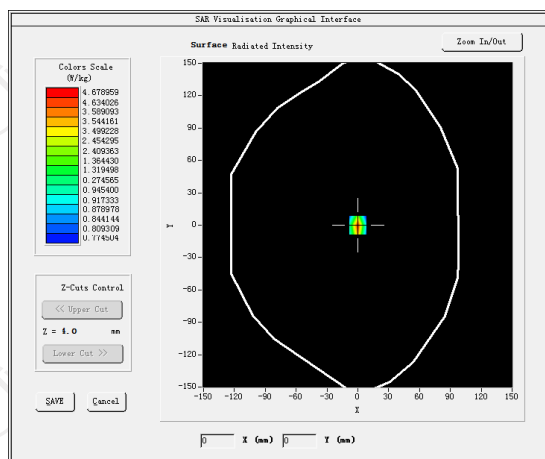
Product Description: Validation

Dipole Model: SID1800

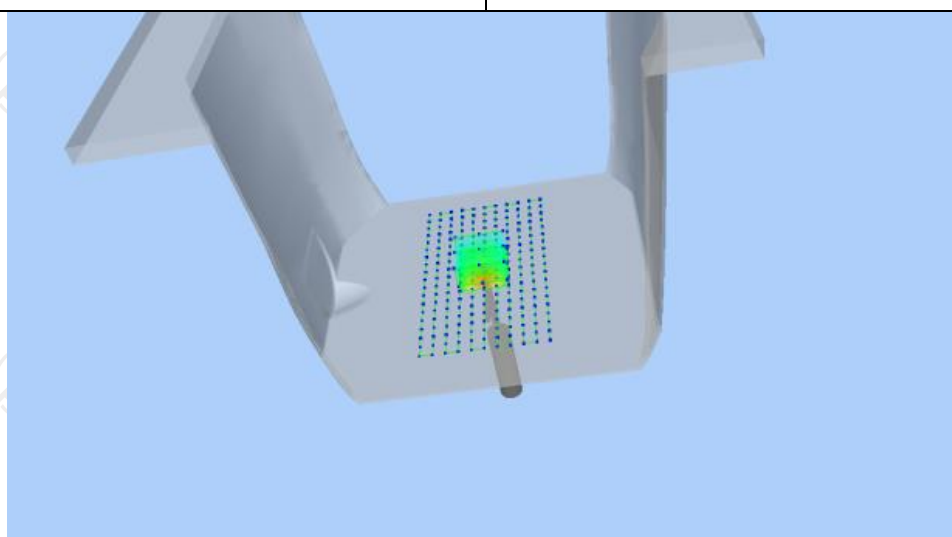
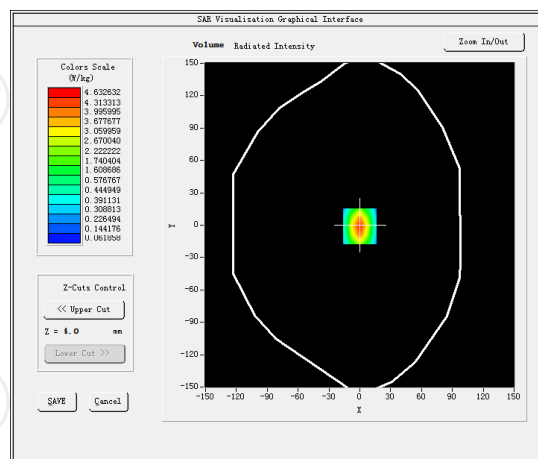
E-Field Probe: SSE2 (SN 36/20 EPGO346)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	2.16
Frequency (MHz)	1800.000000
Relative permittivity (real part)	53.292699
Relative permittivity (imaginary part)	15.200000
Conductivity (S/m)	1.530000
Variation (%)	3.050000
SAR 10g (W/Kg)	2.053687
SAR 1g (W/Kg)	3.782547

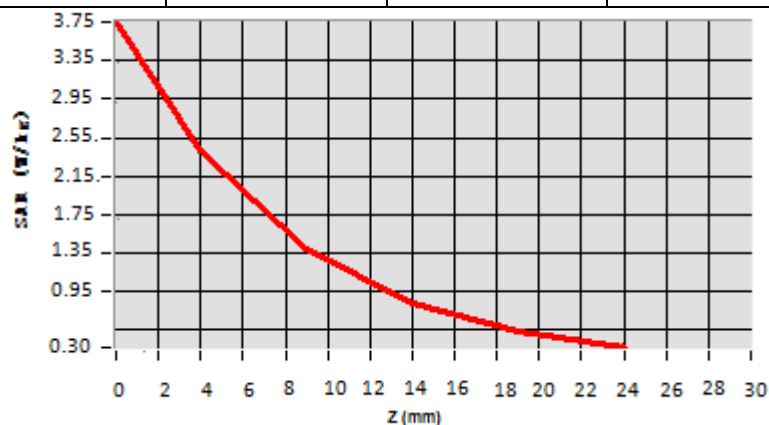
SURFACE SAR



VOLUME SAR



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	3.7545	2.4524	1.3520	0.8214	0.5525



Hot spot position



Date of measurement: 03/10/2022 Test mode: 1900MHz (Head)

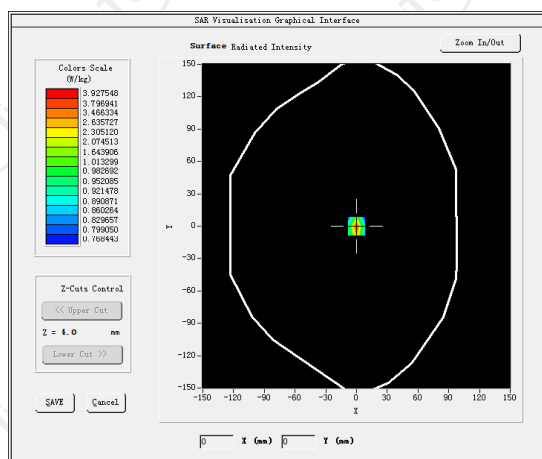
Product Description: Validation

Dipole Model: SID1900

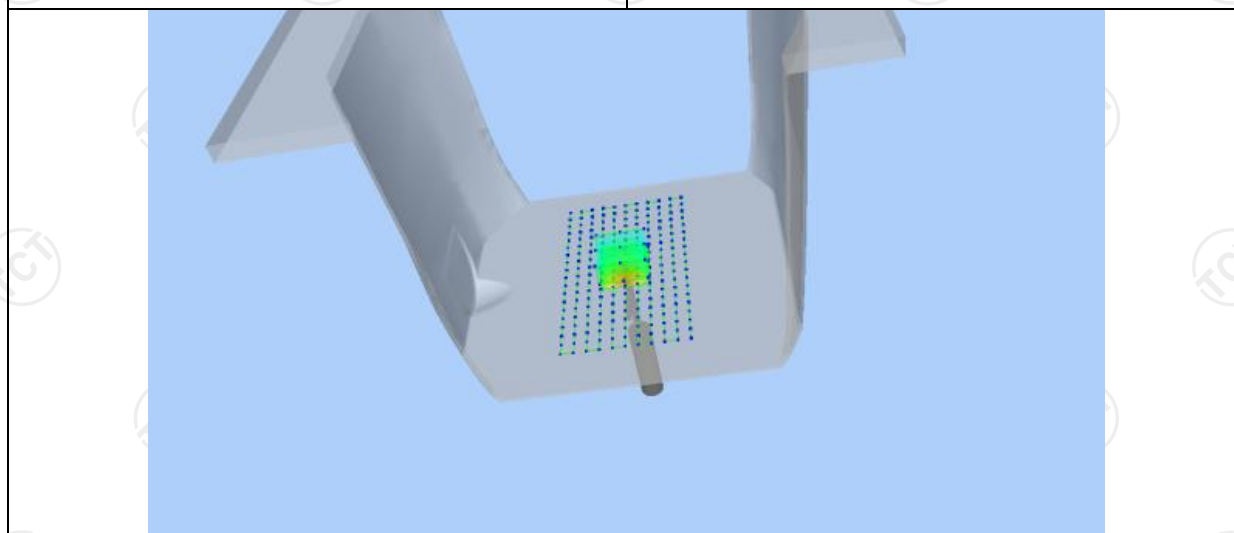
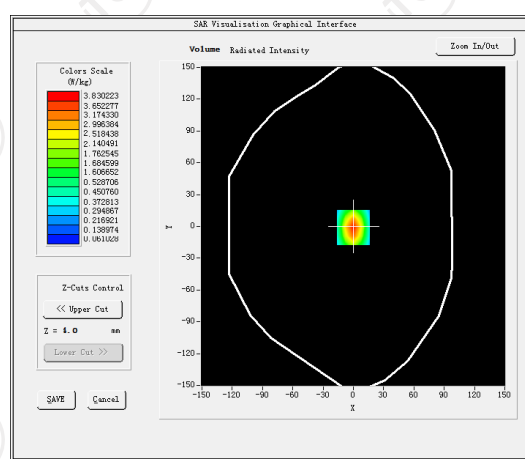
E-Field Probe: SSE2 (SN 36/20 EPGO346)

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

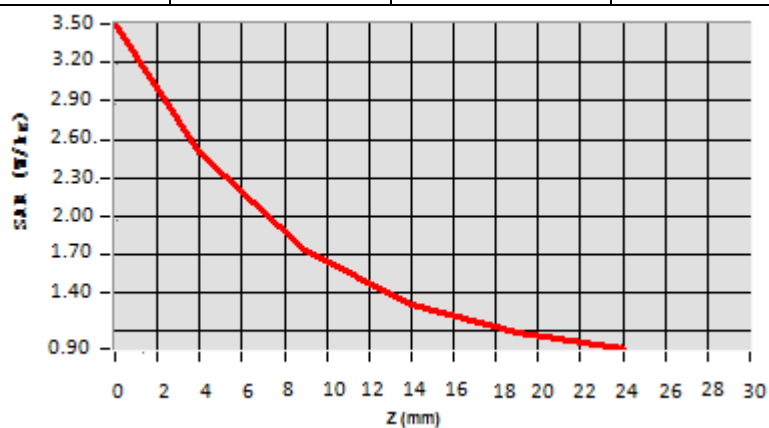
SURFACE SAR



VOLUME SAR



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



Hot spot position



Date of measurement: 03/10/2022 Test mode: 1900MHz (Body)

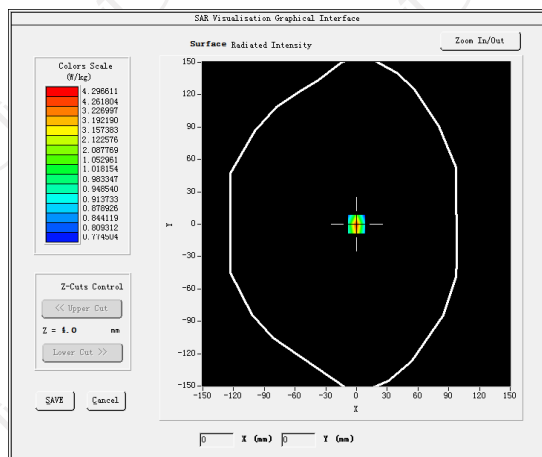
Product Description: Validation

Dipole Model: SID1900

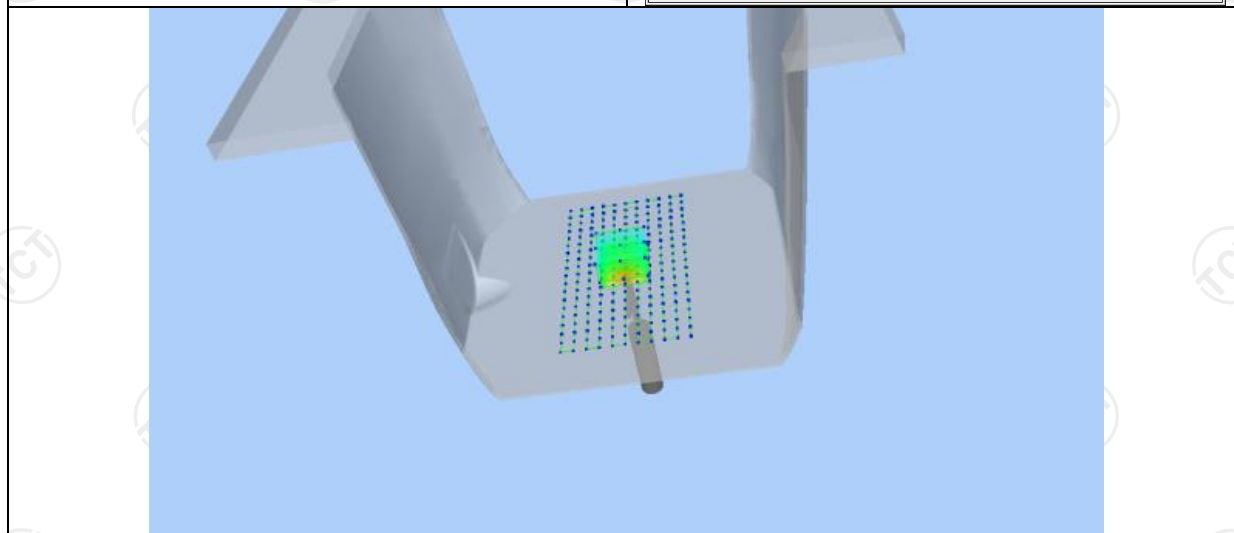
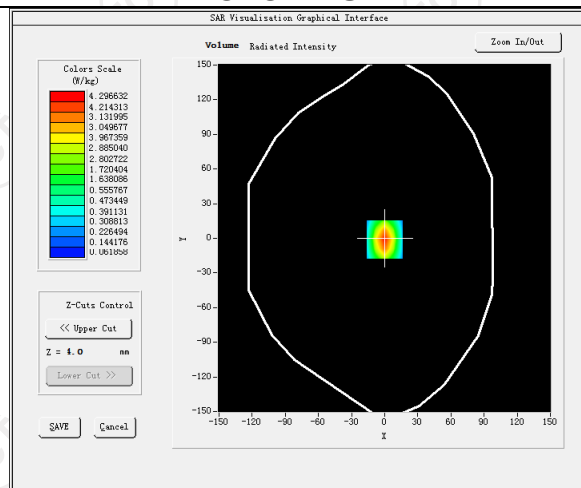
E-Field Probe: SSE2 (SN 36/20 EPGO346)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	2.32
Frequency (MHz)	1900.000000
Relative permittivity (real part)	53.309999
Relative permittivity (imaginary part)	14.329440
Conductivity (S/m)	1.510354
Variation (%)	1.250000
SAR 10g (W/Kg)	1.994255
SAR 1g (W/Kg)	3.766112

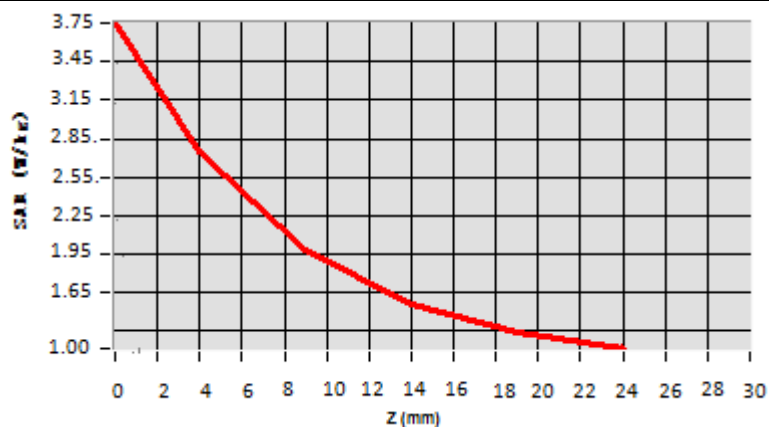
SURFACE SAR



VOLUME SAR



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	3.7752	2.7154	1.9525	1.5694	0.9014



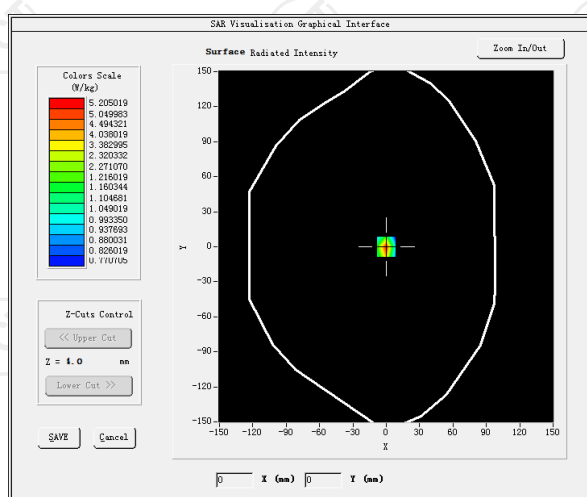
Hot spot position



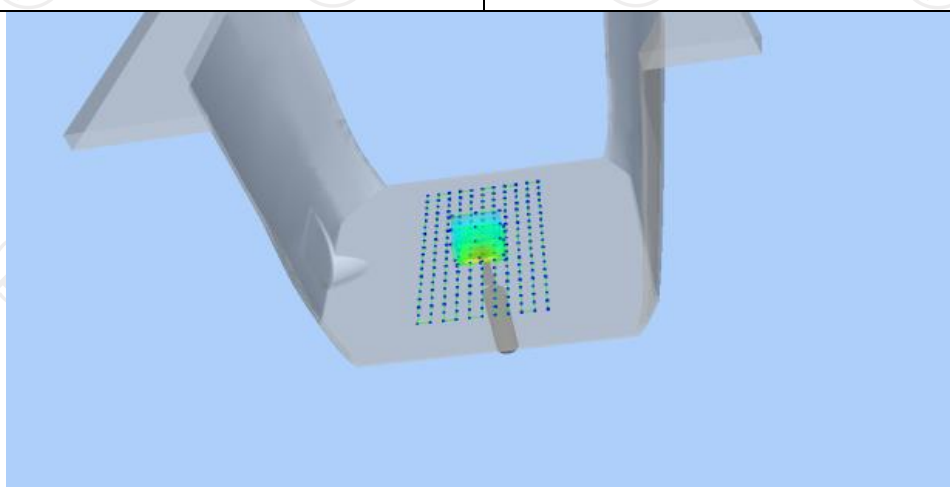
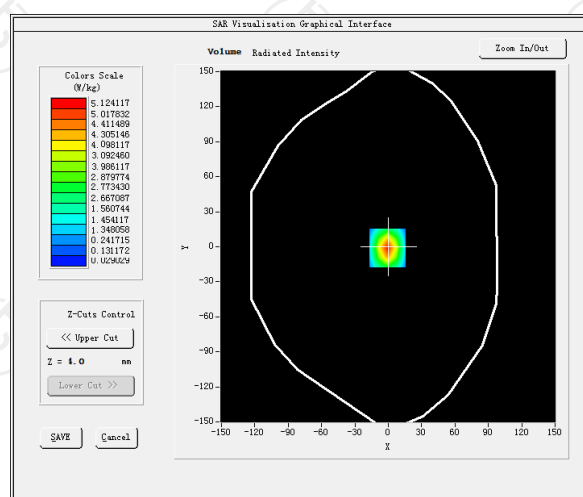
Date of measurement: 03/15/2022 Test mode: 2450MHz (Head)
 Product Description: Validation
 Dipole Model: SID2450
 E-Field Probe: SSE2 (SN 36/20 EPGO346)

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

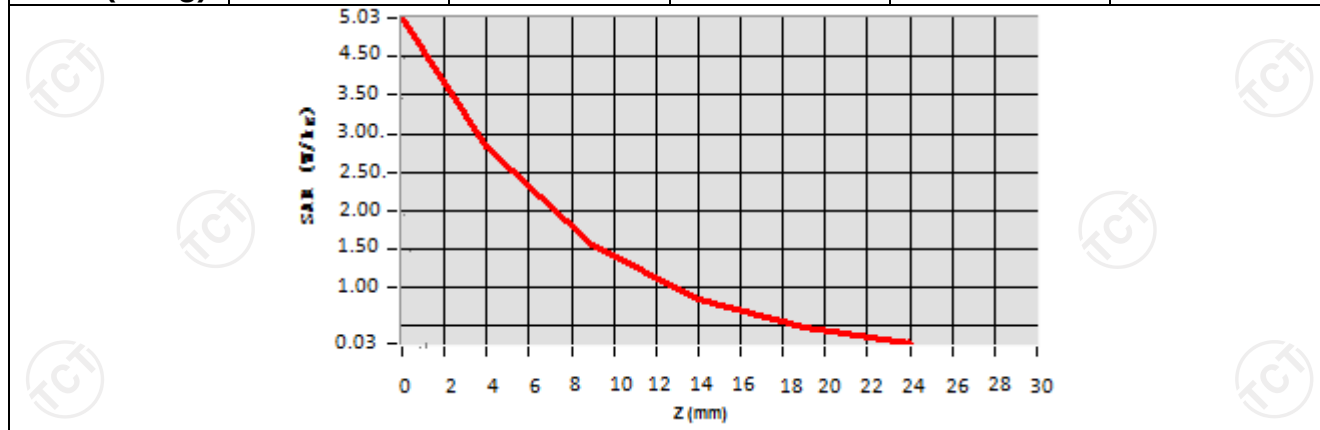
SURFACE SAR



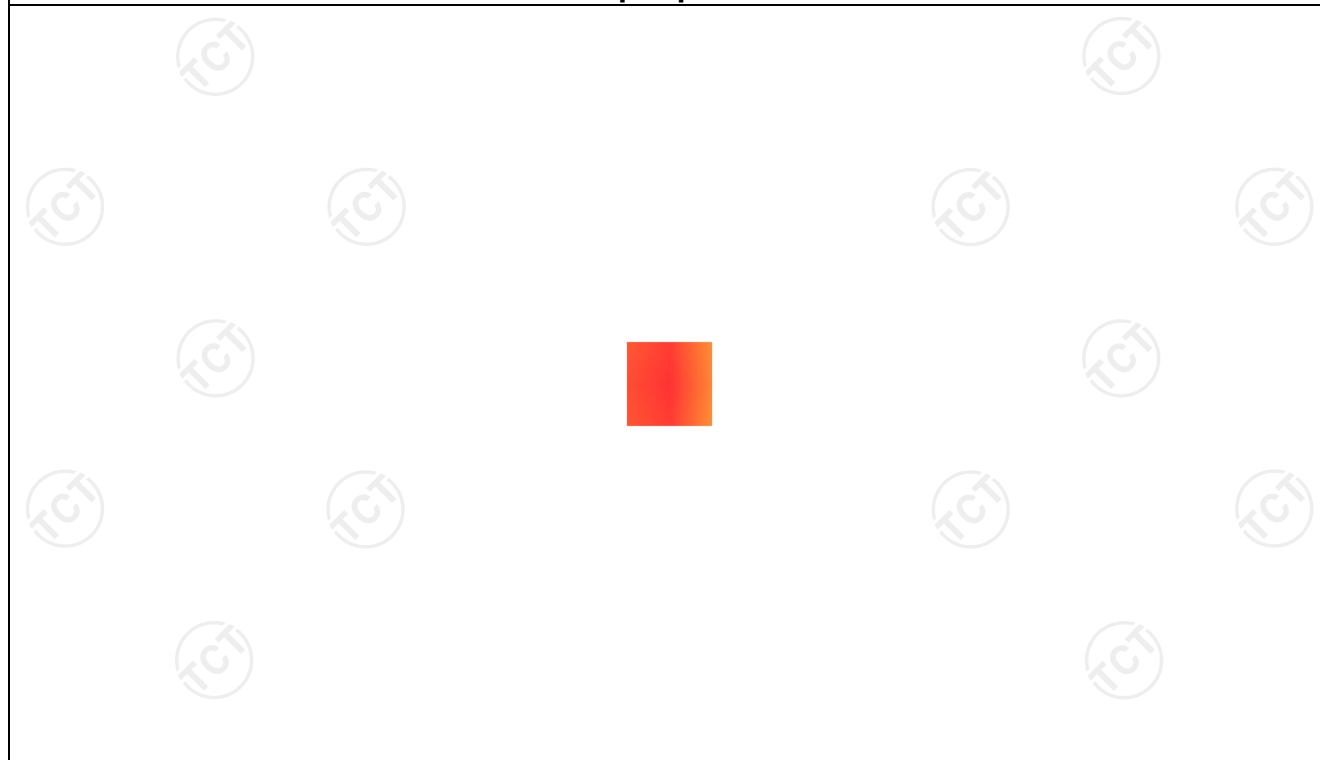
VOLUME SAR



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



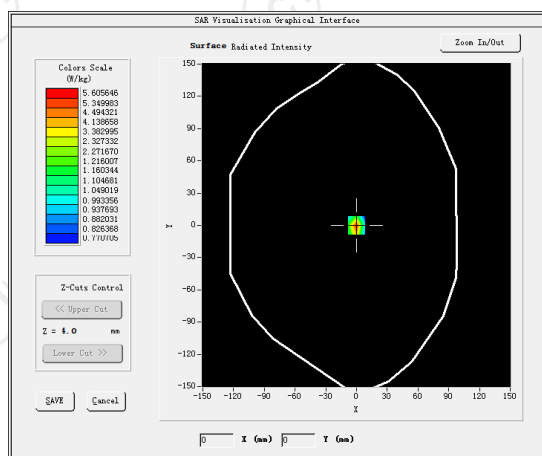
Hot spot position



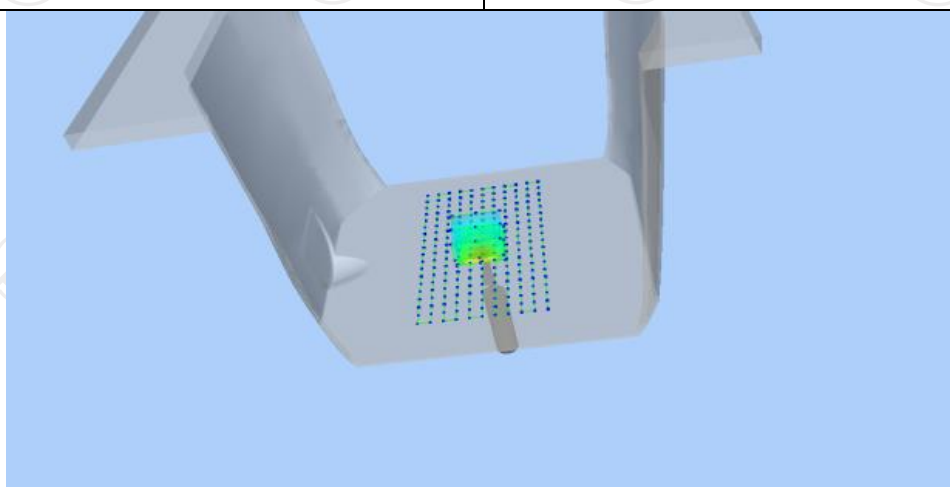
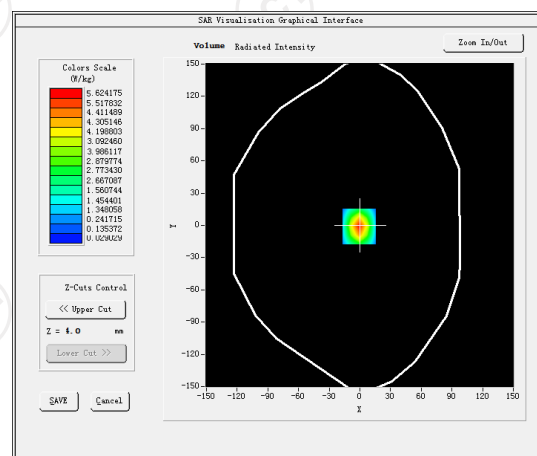
Date of measurement: 03/15/2022 Test mode: 2450MHz (Body)
 Product Description: Validation
 Dipole Model: SID2450
 E-Field Probe: SSE2 (SN 36/20 EPGO346)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	2.37
Frequency (MHz)	2450.000000
Relative permittivity (real part)	54.616199
Relative permittivity (imaginary part)	14.930150
Conductivity (S/m)	2.012159
Variation (%)	-0.230000
SAR 10g (W/Kg)	2.416669
SAR 1g (W/Kg)	5.066368

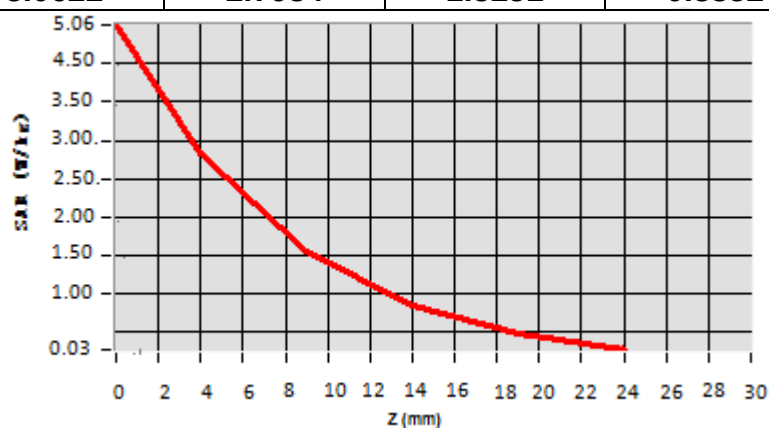
SURFACE SAR



VOLUME SAR



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	5.0622	2.7984	1.5251	0.8352	0.4200



Hot spot position



SAR Test Data

GSM850

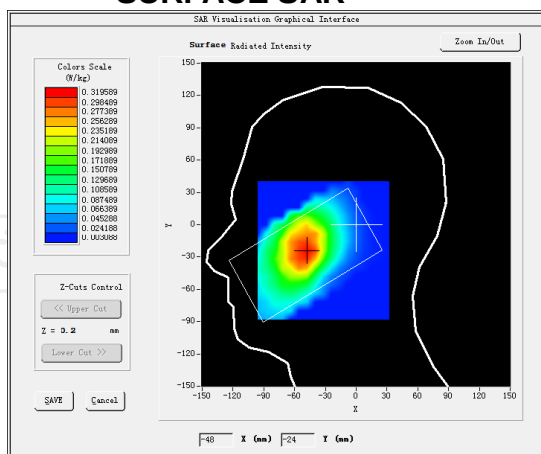
MEASUREMENT 1

Middle Band SAR (Channel 190):

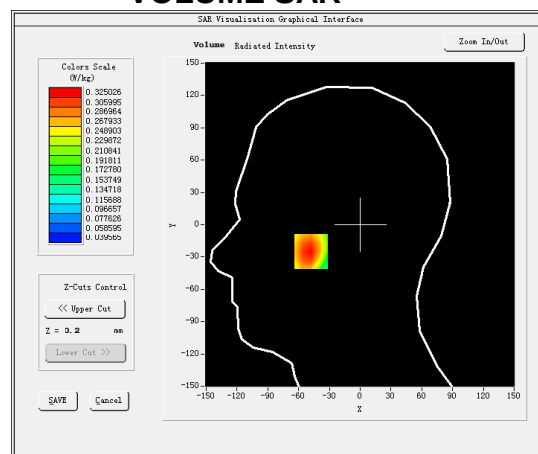
Date: 03/02/2022

Frequency (MHz)	836.600000
Relative permittivity (real part)	40.392715
Relative permittivity (imaginary part)	18.129241
Conductivity (S/m)	0.876305
Variation (%)	2.060000
Crest Factor:	8.3
Probe Conversion factor	5.50
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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	GSM850(voice)

SURFACE SAR



VOLUME SAR



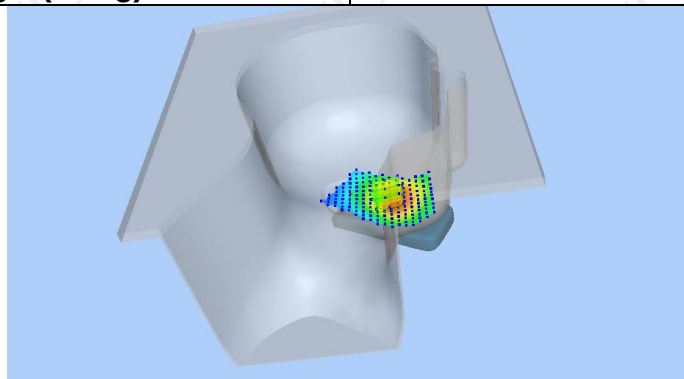
Maximum location: X=-45.00, Y=-25.00 SAR Peak: 0.38 W/kg

SAR 10g (W/Kg)

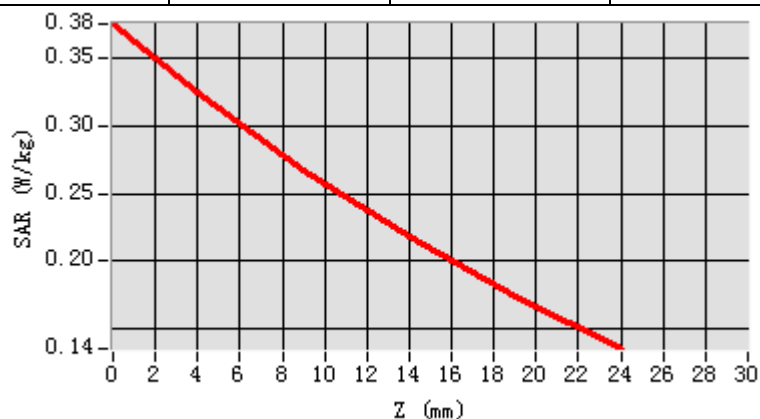
0.244330

SAR 1g (W/Kg)

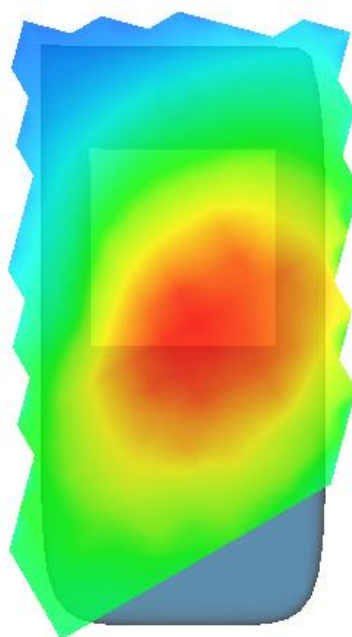
0.318082



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3757	0.3250	0.2681	0.2179	0.1739



Hot spot position



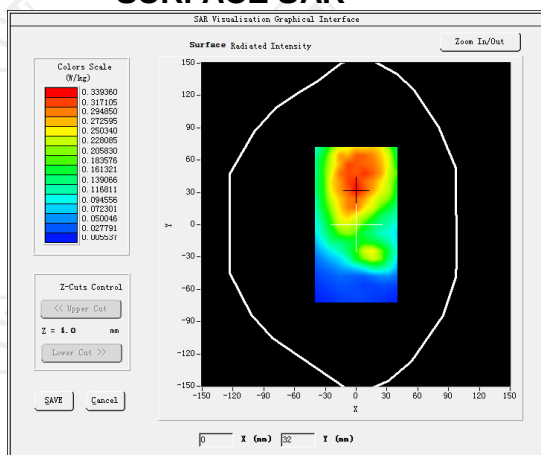
MEASUREMENT 2

Middle Band SAR (Channel 190):

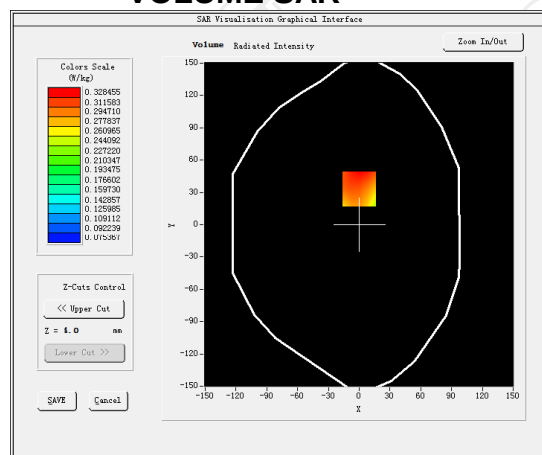
Date: 03/02/2022

Frequency (MHz)	836.600000
Relative permittivity (real part)	55.214228
Relative permittivity (imaginary part)	18.128319
Conductivity (S/m)	0.974402
Variation (%)	0.580000
Crest Factor:	8.3
Probe Conversion factor	5.65
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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

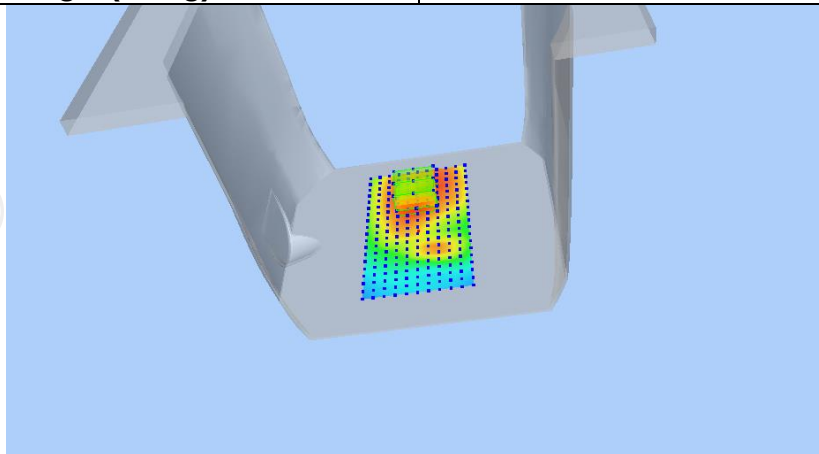


VOLUME SAR

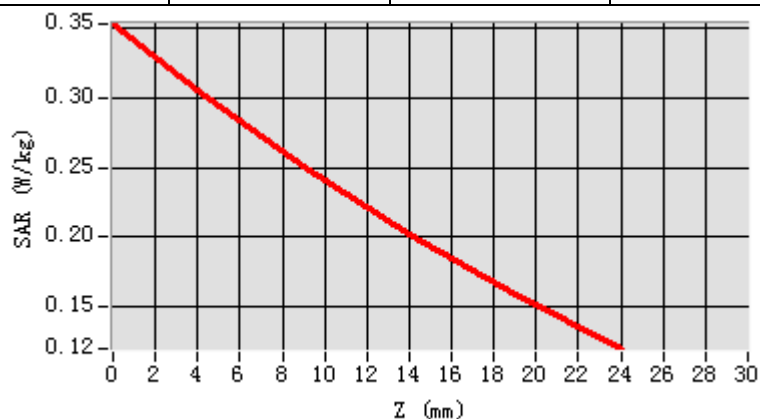


Maximum location: X=0.00, Y=33.00 SAR Peak: 0.42 W/kg

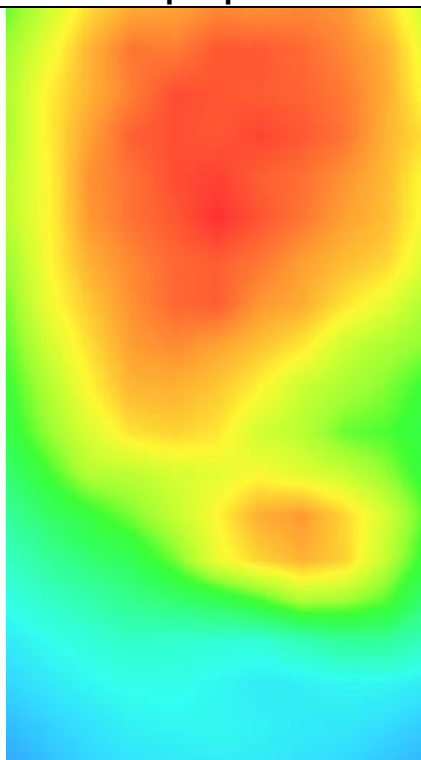
SAR 10g (W/Kg)	0.246296
SAR 1g (W/Kg)	0.326580



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3529	0.3053	0.2509	0.2019	0.1583



Hot spot position



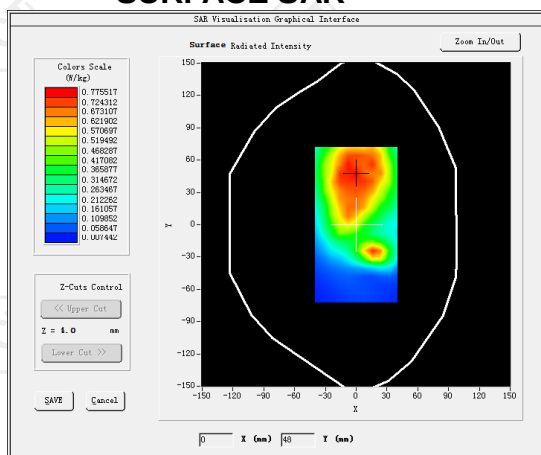
MEASUREMENT 3

Middle Band SAR (Channel 190)::

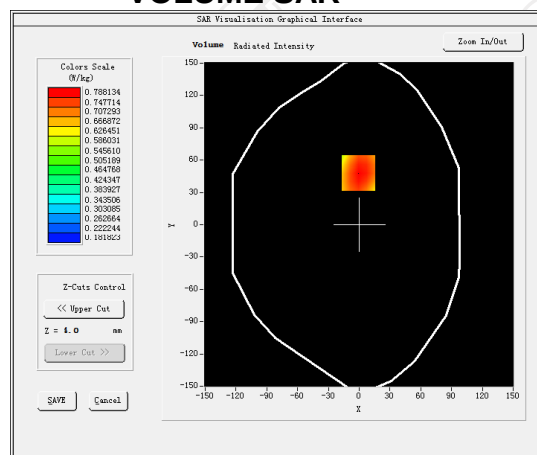
Date: 03/02/2022

Frequency (MHz)	836.600000
Relative permittivity (real part)	55.214228
Relative permittivity (imaginary part)	18.128319
Conductivity (S/m)	0.974402
Variation (%)	-2.190000
Crest Factor:	2.0
Probe Conversion factor	5.65
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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 3slot)</u>

SURFACE SAR

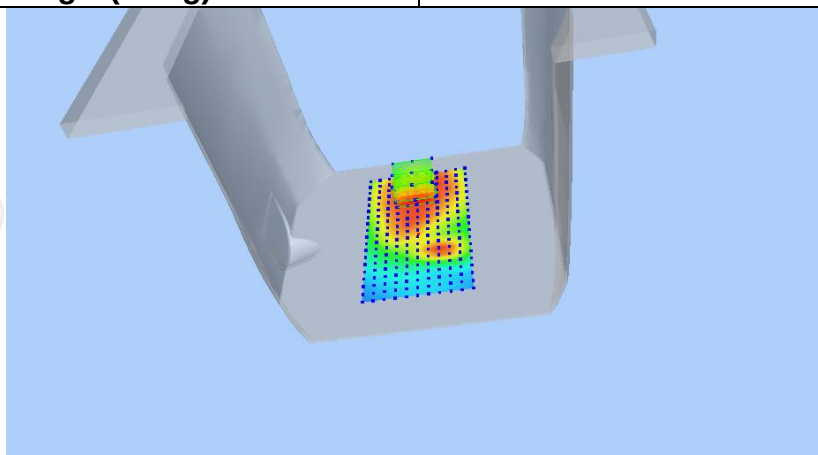


VOLUME SAR

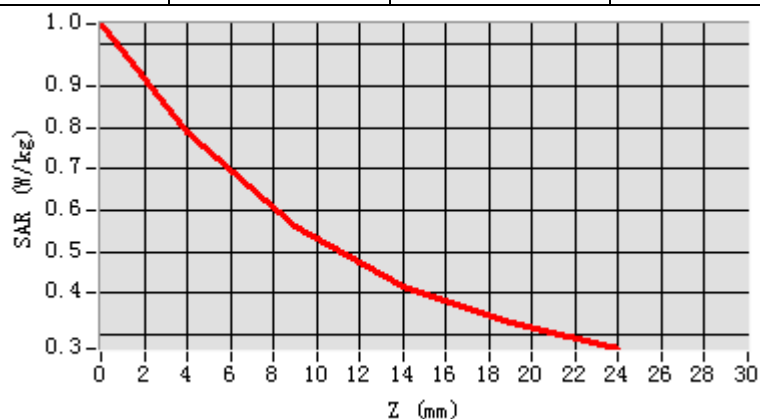


Maximum location: X=-1.00, Y=48.00 SAR Peak: 1.05 W/kg

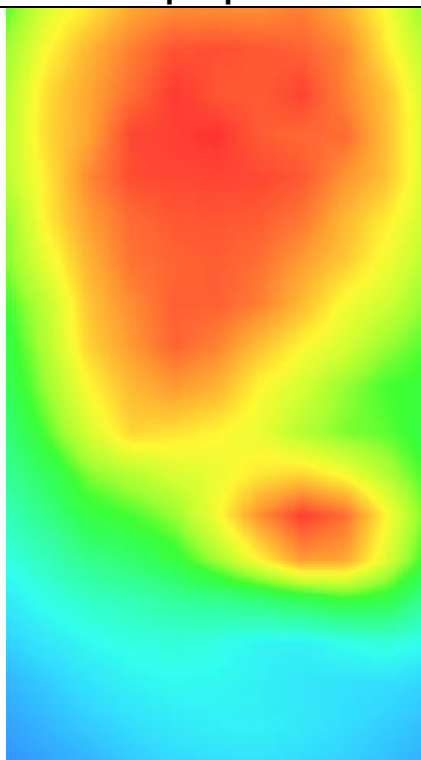
SAR 10g (W/Kg)	0.531987
SAR 1g (W/Kg)	0.682500



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.0499	0.7881	0.5598	0.4159	0.3280



Hot spot position



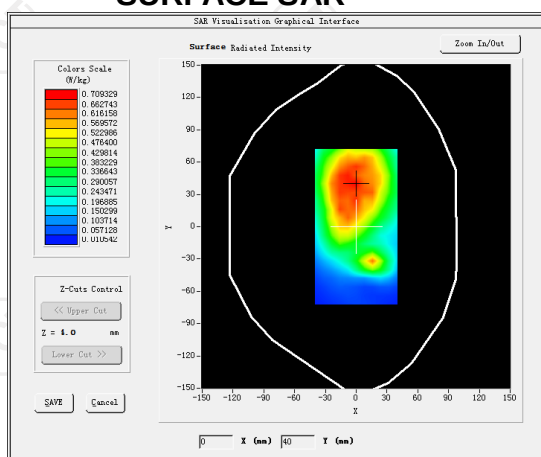
MEASUREMENT 4

Middle Band SAR (Channel 190)::

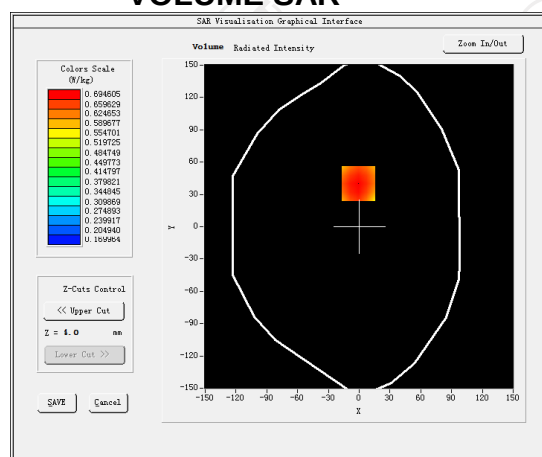
Date: 03/02/2022

Frequency (MHz)	836.600000
Relative permittivity (real part)	55.214228
Relative permittivity (imaginary part)	18.128319
Conductivity (S/m)	0.974402
Variation (%)	-2.770000
Crest Factor:	2.0
Probe Conversion factor	5.65
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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 3slot hotspot)</u>

SURFACE SAR



VOLUME SAR



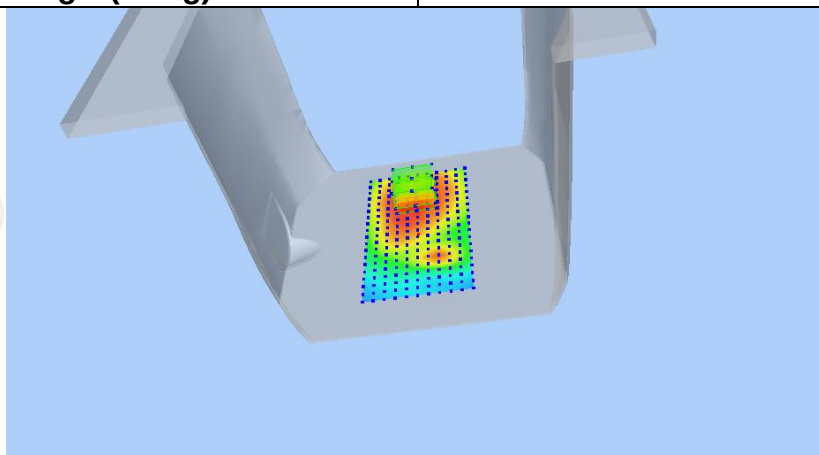
Maximum location: X=-1.00, Y=40.00 SAR Peak: 0.95 W/kg

SAR 10g (W/Kg)

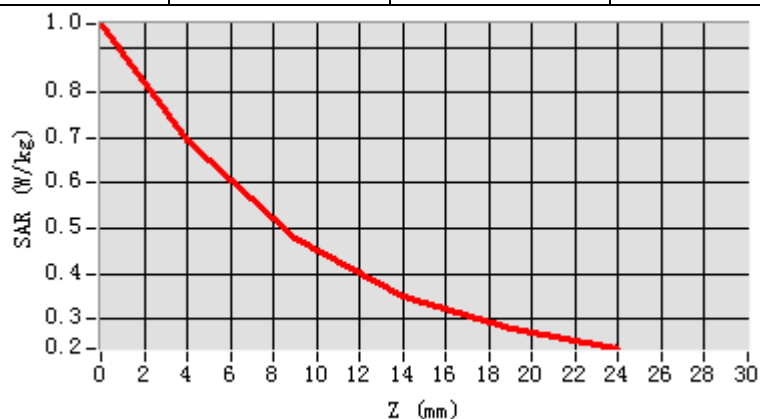
0.493989

SAR 1g (W/Kg)

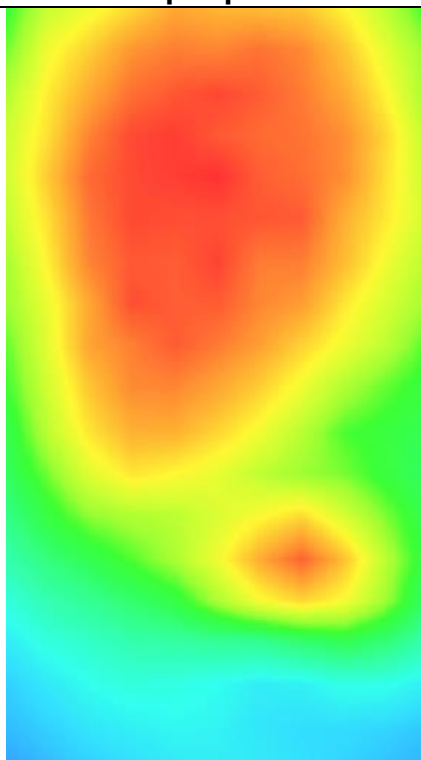
0.710569



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.9519	0.6946	0.4789	0.3513	0.2804



Hot spot position



GSM1900

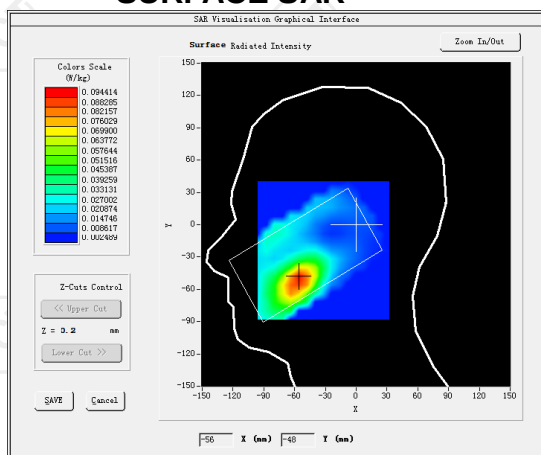
MEASUREMENT 1

Middle Band SAR (Channel 810):

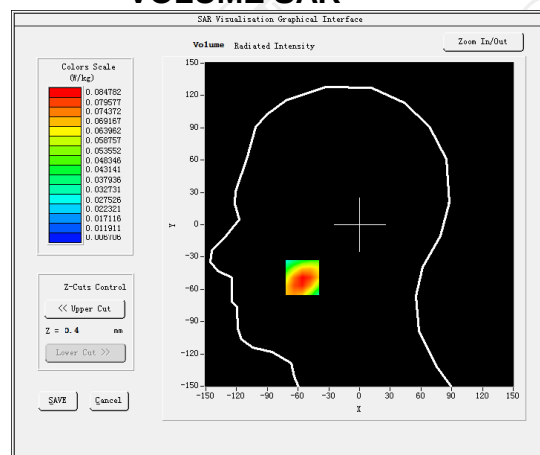
Date: 03/10/2022

Frequency (MHz)	1909.80000
Relative permittivity (real part)	39.112437
Relative permittivity (imaginary part)	12.607241
Conductivity (S/m)	1.342279
Variation (%)	-2.320000
Crest Factor	8.3
Probe Conversion factor	4.85
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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



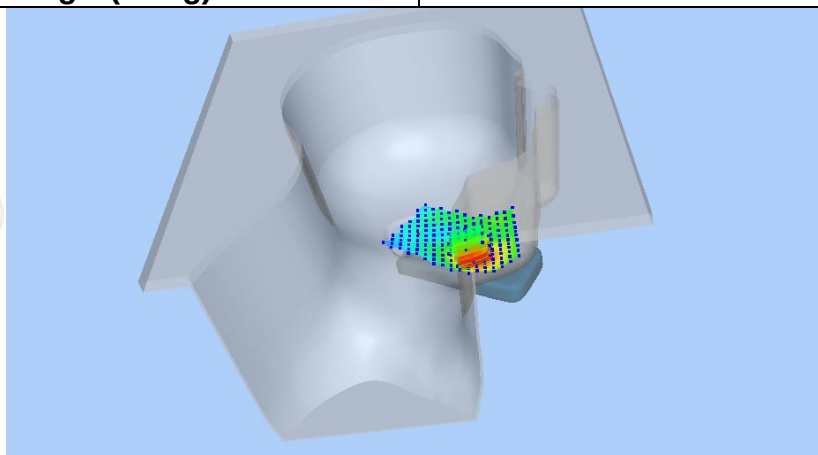
Maximum location: X=-56.00, Y=-49.00 SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)

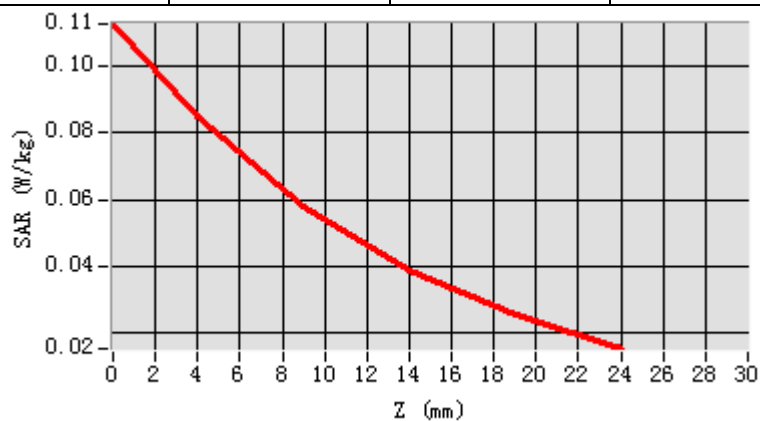
0.050758

SAR 1g (W/Kg)

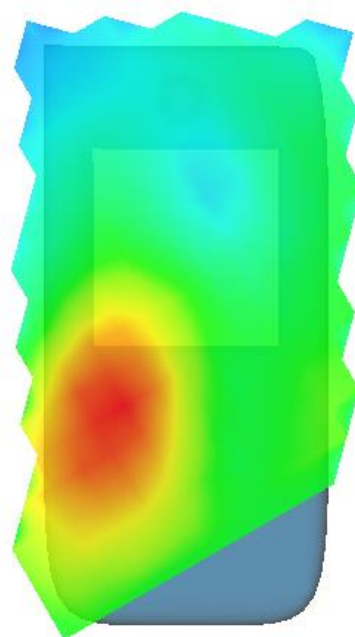
0.101223



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1127	0.0848	0.0582	0.0391	0.0254



Hot spot position



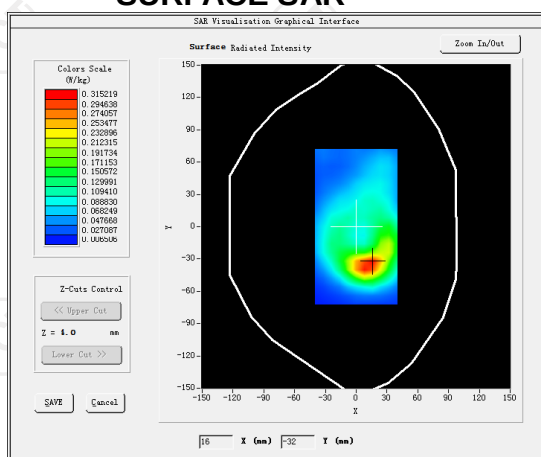
MEASUREMENT 2

Middle Band SAR (Channel 810):

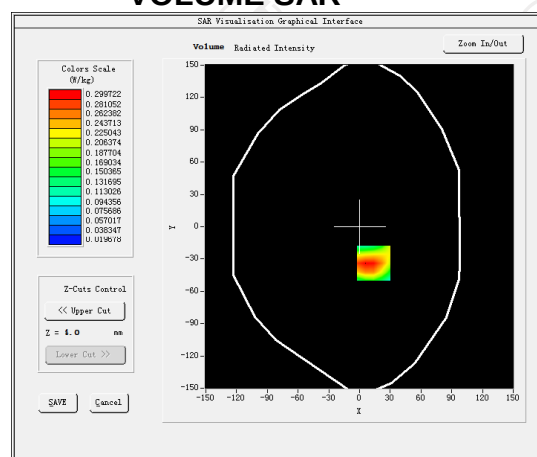
Date: 03/10/2022

Frequency (MHz)	1909.80000
Relative permittivity (real part)	53.341337
Relative permittivity (imaginary part)	14.232400
Conductivity (S/m)	1.491736
Variation (%)	-2.550000
Crest Factor	8.3
Probe Conversion factor	5.01
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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

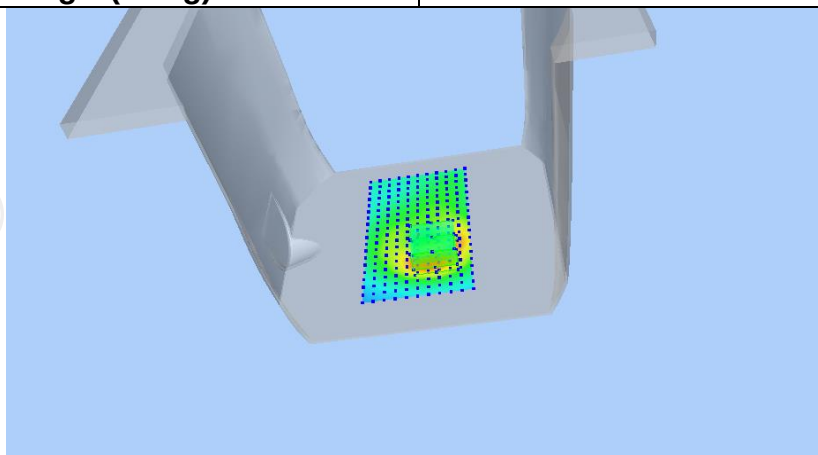


VOLUME SAR

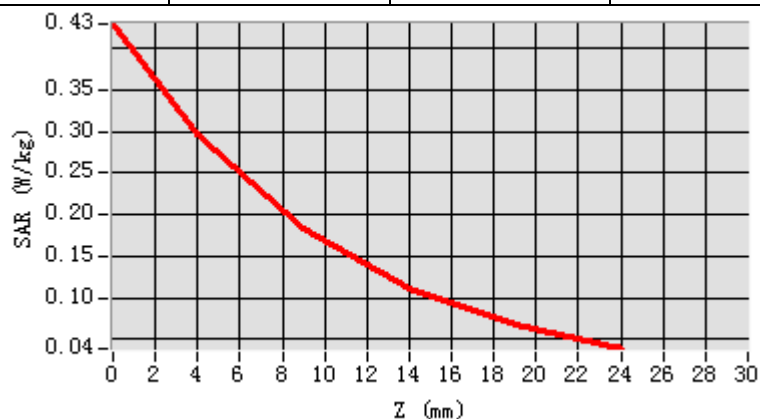


Maximum location: X=14.00, Y=-34.00 SAR Peak: 0.46 W/kg

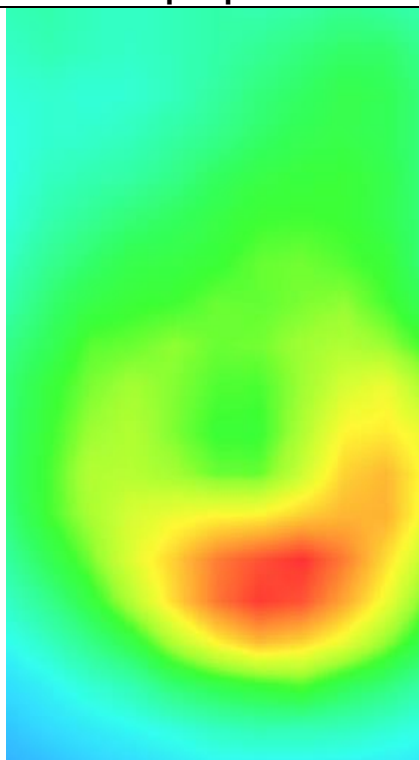
SAR 10g (W/Kg)	0.164268
SAR 1g (W/Kg)	0.355667



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.4295	0.2967	0.1830	0.1117	0.0680



Hot spot position



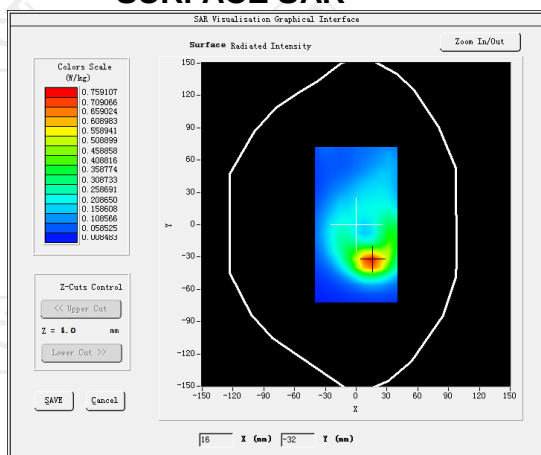
MEASUREMENT 3

Middle Band SAR (Channel 810):

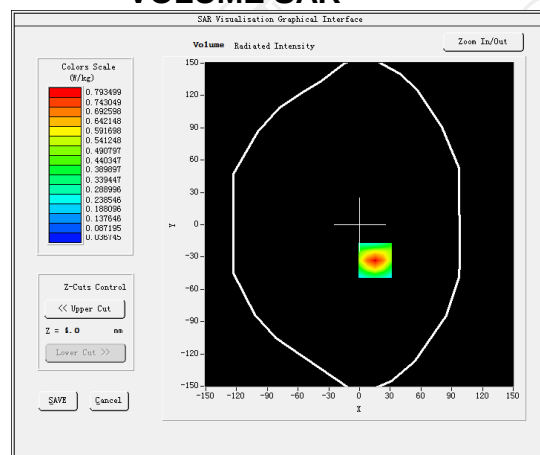
Date: 03/10/2022

Frequency (MHz)	1909.80000
Relative permittivity (real part)	53.341337
Relative permittivity (imaginary part)	14.232400
Conductivity (S/m)	1.491736
Variation (%)	-1.350000
Crest Factor	2.0
Probe Conversion factor	5.01
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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

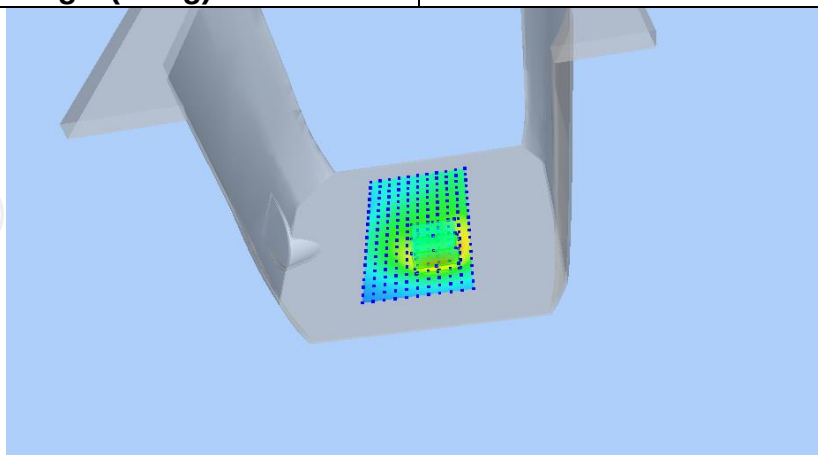


VOLUME SAR

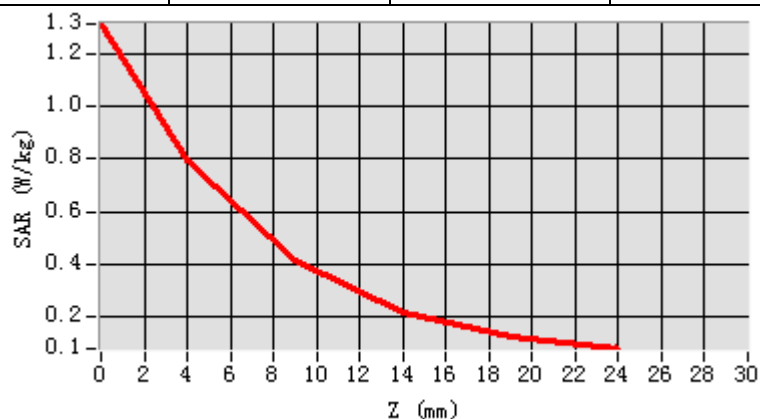


Maximum location: X=15.00, Y=-33.00 SAR Peak: 1.31 W/kg

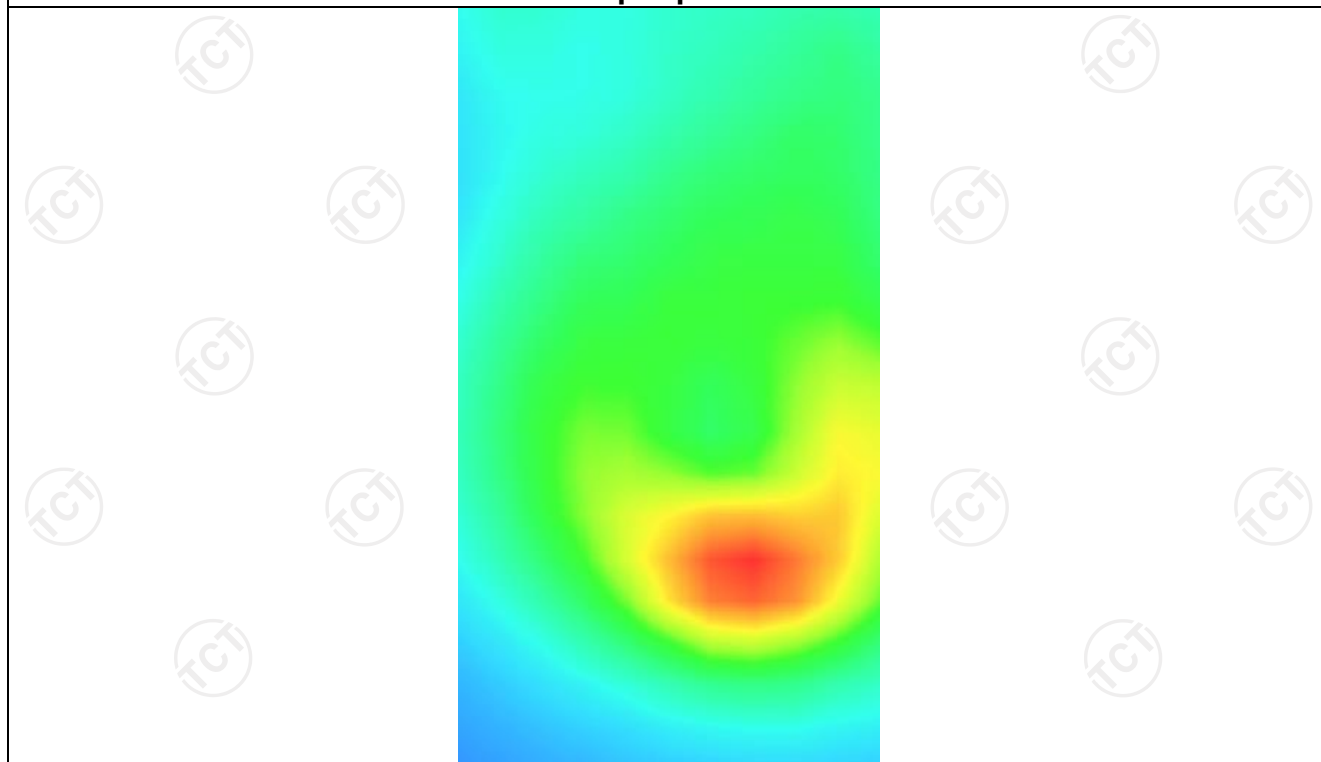
SAR 10g (W/Kg)	0.376591
SAR 1g (W/Kg)	0.645386



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.3119	0.7935	0.4103	0.2175	0.1277



Hot spot position



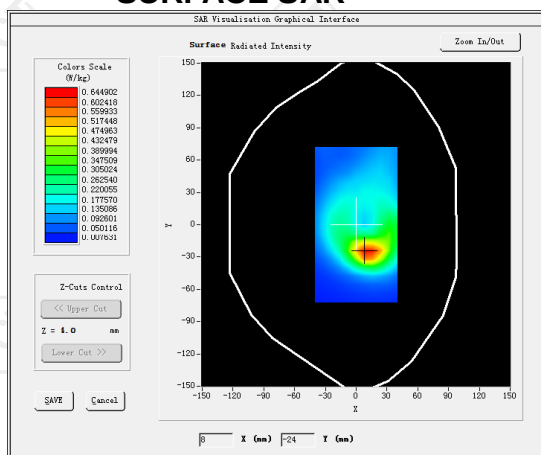
MEASUREMENT 4

Middle Band SAR (Channel 810):

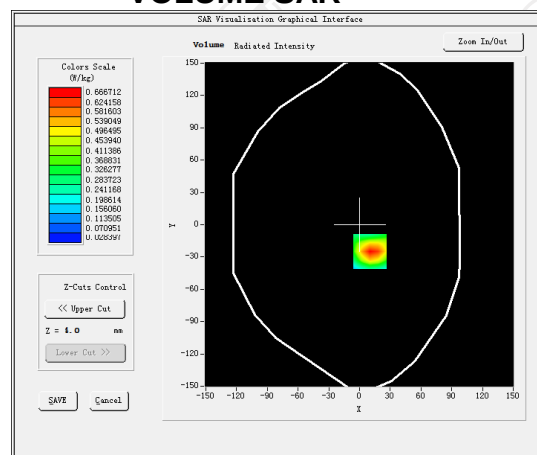
Date: 03/10/2022

Frequency (MHz)	1909.80000
Relative permittivity (real part)	53.341337
Relative permittivity (imaginary part)	14.232400
Conductivity (S/m)	1.491736
Variation (%)	-1.940000
Crest Factor	2.0
Probe Conversion factor	5.01
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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

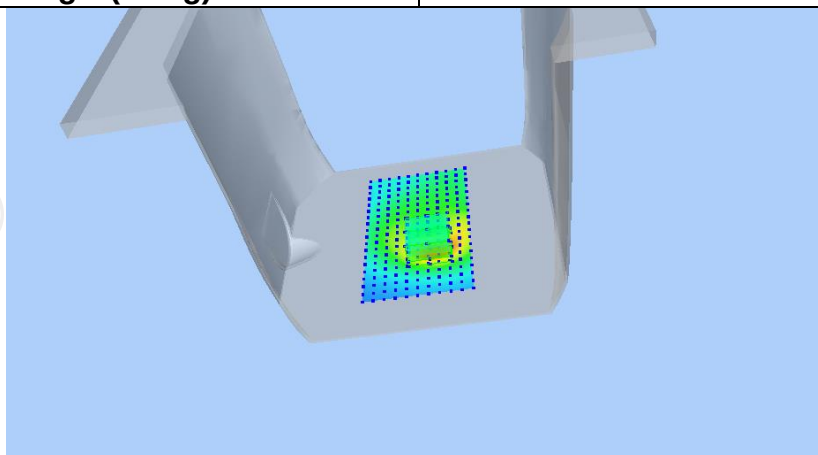


VOLUME SAR

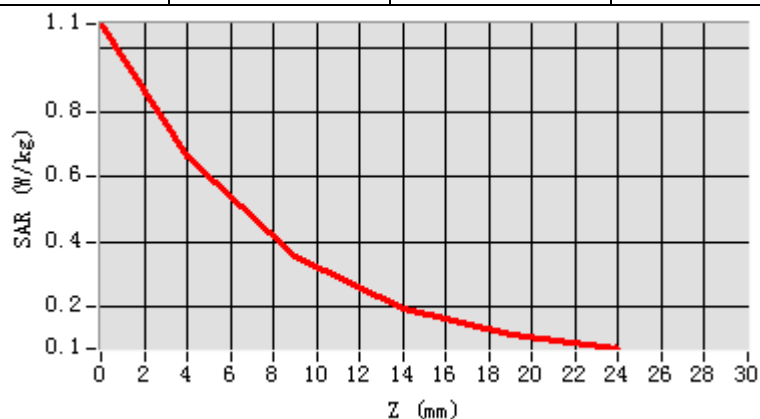


Maximum location: X=10.00, Y=-25.00 SAR Peak: 1.08 W/kg

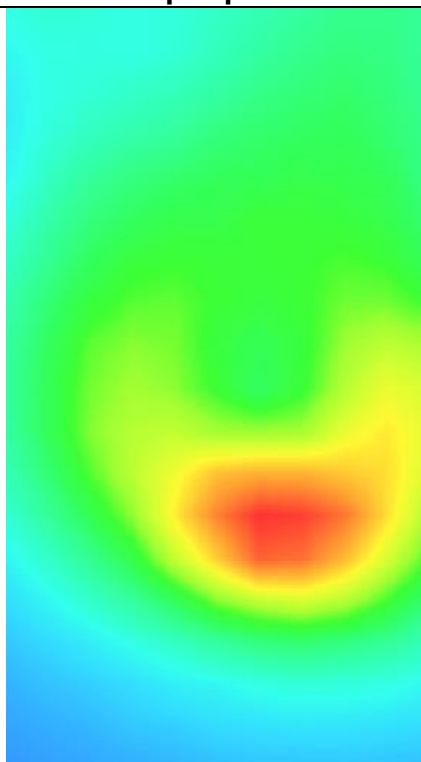
SAR 10g (W/Kg)	0.324630
SAR 1g (W/Kg)	0.671660



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.0759	0.6667	0.3563	0.1934	0.1131



Hot spot position

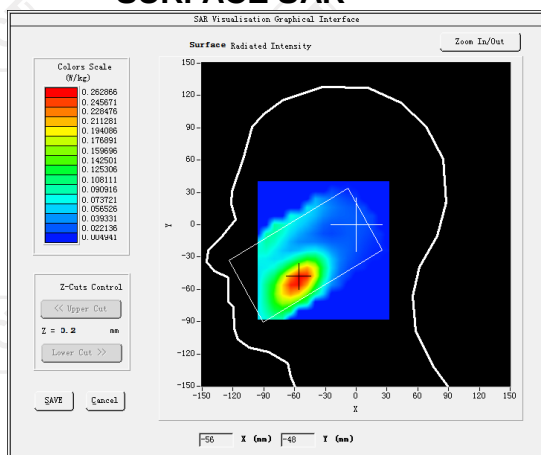


WCDMA Band II MEASUREMENT 1

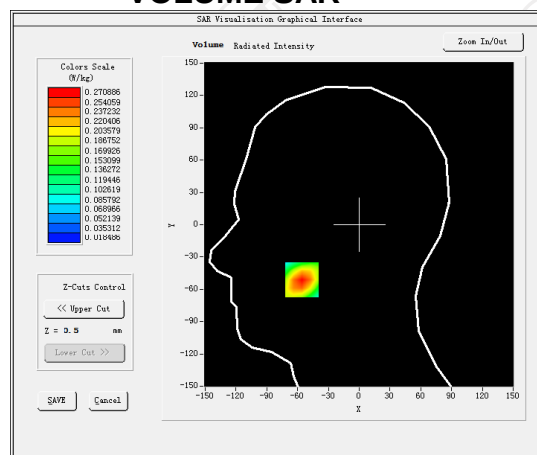
Higher Band SAR (Channel 9538): Date: 03/10/2022

Frequency (MHz)	1907.600000
Relative permittivity (real part)	39.072741
Relative permittivity (imaginary part)	12.607061
Conductivity (S/m)	1.377304
Variation (%)	-2.340000
Crest Factor	1.0
Probe Conversion factor	4.85
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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>BAND1 WCDMA2100</u>

SURFACE SAR

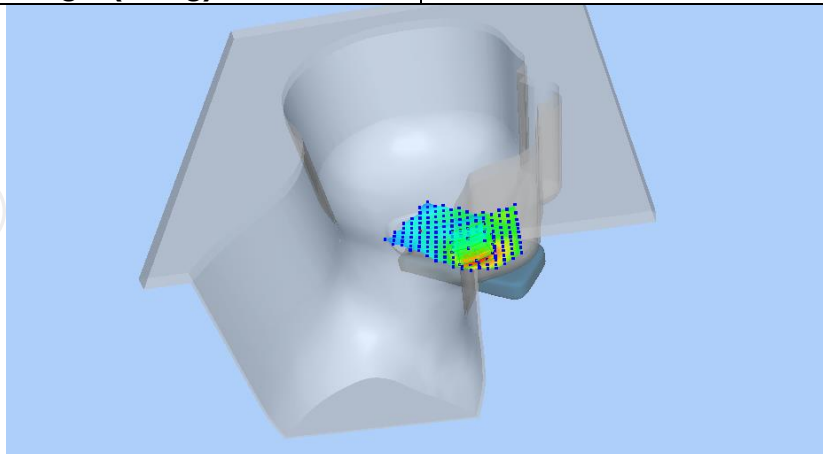


VOLUME SAR

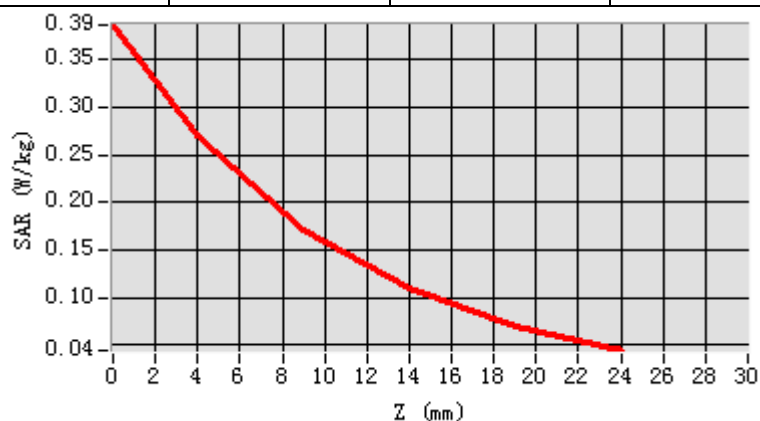


Maximum location: X=-56.00, Y=-51.00 SAR Peak: 0.39 W/kg

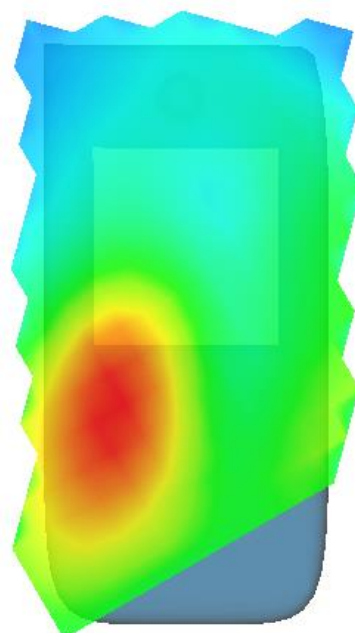
SAR 10g (W/Kg)	0.150717
SAR 1g (W/Kg)	0.254739



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3864	0.2709	0.1716	0.1092	0.0706



Hot spot position



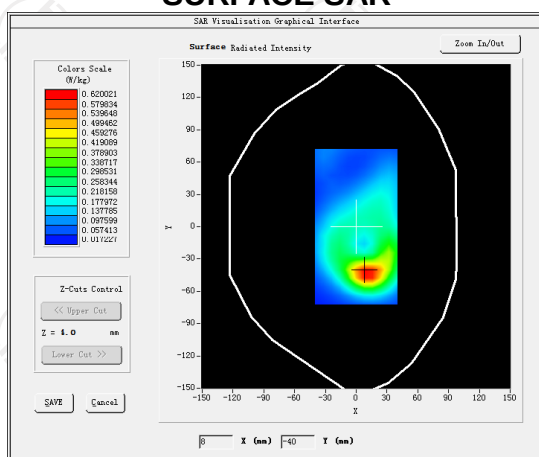
MEASUREMENT 2

Higher Band SAR (Channel 9538):

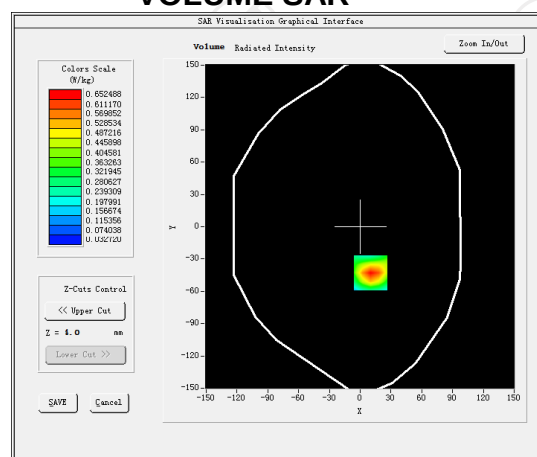
Date: 03/10/2022

Frequency (MHz)	1907.600000
Relative permittivity (real part)	53.293554
Relative permittivity (imaginary part)	14.225424
Conductivity (S/m)	1.532961
Variation (%)	-1.880000
Crest Factor	1.0
Probe Conversion factor	5.01
E-Field Probe:	SSE2 (SN 36/20 EPGO346)
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>BAND1 WCDMA2100</u>

SURFACE SAR

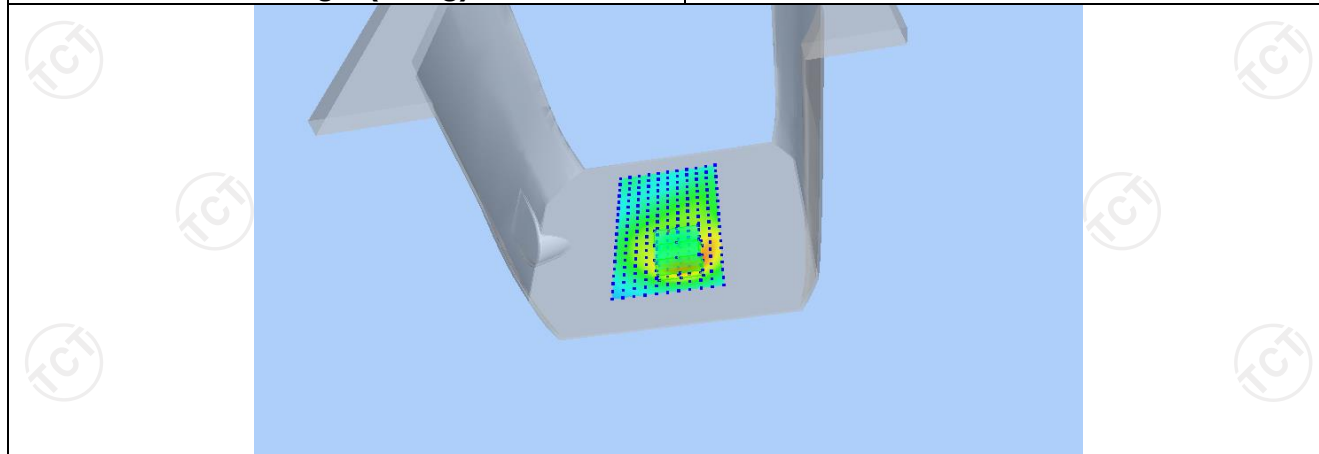


VOLUME SAR

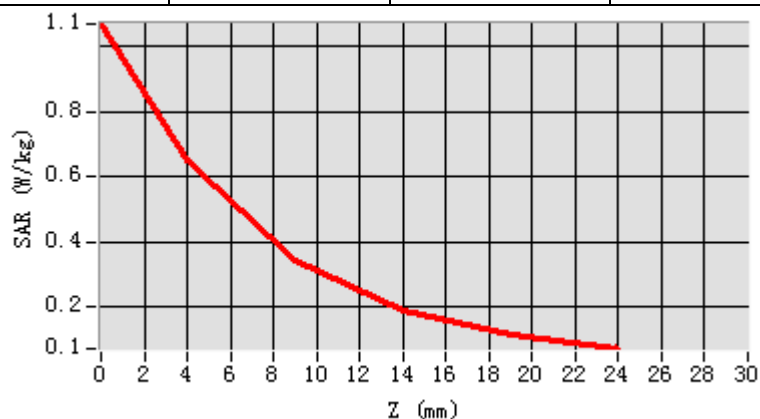


Maximum location: X=10.00, Y=-43.00 SAR Peak: 1.07 W/kg

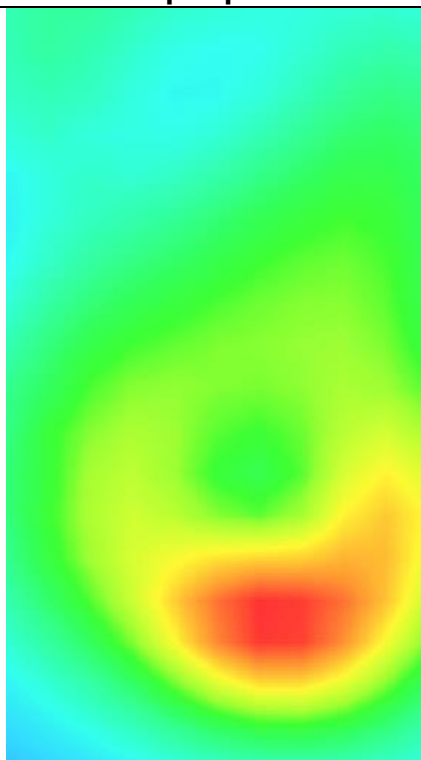
SAR 10g (W/Kg)	0.316117
SAR 1g (W/Kg)	0.607284



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.0672	0.6525	0.3439	0.1870	0.1131



Hot spot position



MEASUREMENT 3

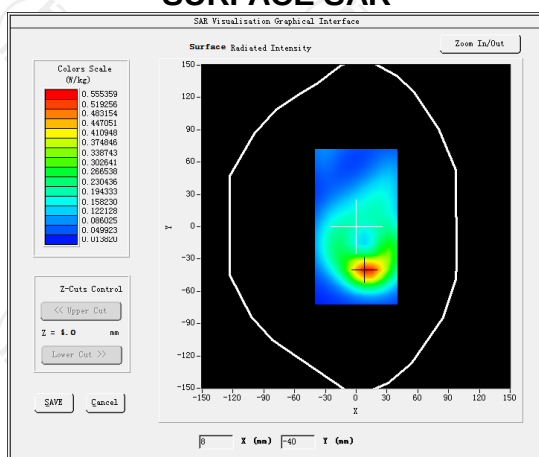
Higher Band SAR (Channel 9538):

Date: 03/10/2022

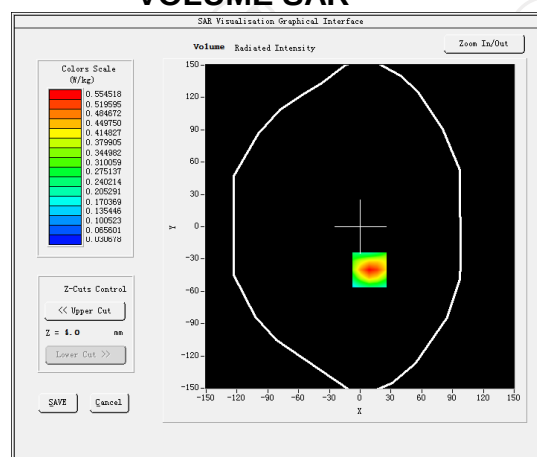
Frequency (MHz)	1907.600000
Relative permittivity (real part)	53.293554
Relative permittivity (imaginary part)	14.225424
Conductivity (S/m)	1.532961
Variation (%)	-2.040000
Crest Factor	1.0
Probe Conversion factor	5.01
E-Field Probe:	SSE2 (SN 36/20 EPGO346)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
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 bottom(10mm)
Band	BAND1 WCDMA2100(hotspot)

SURFACE SAR

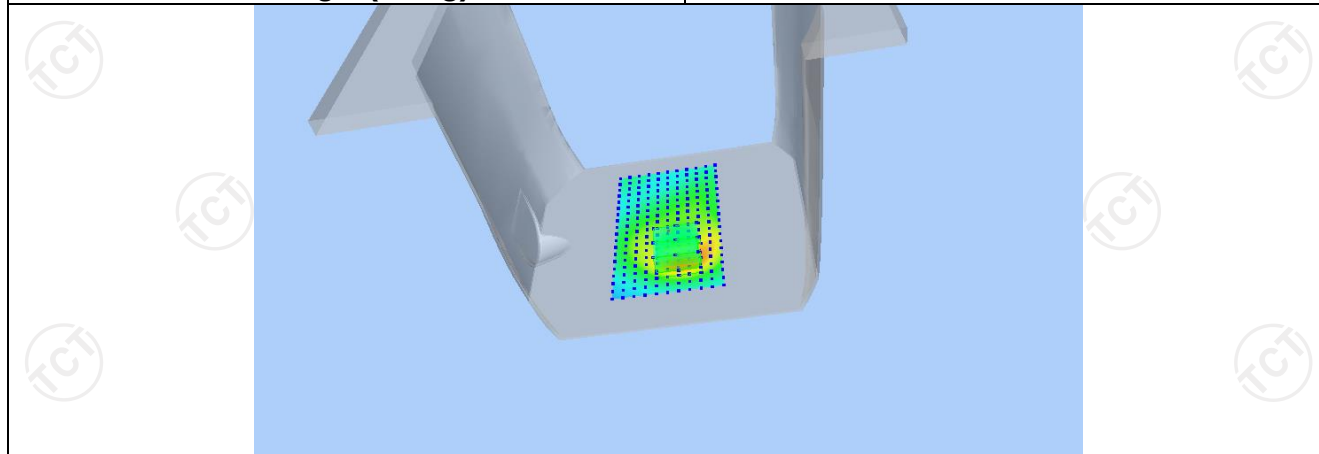


VOLUME SAR

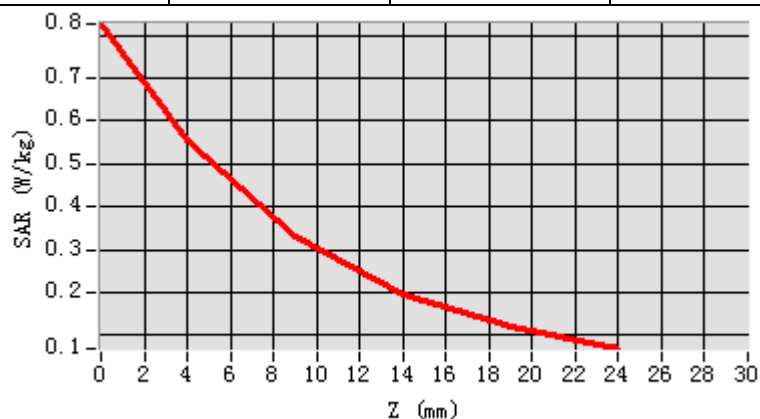


Maximum location: X=9.00, Y=-40.00 SAR Peak: 0.83 W/kg

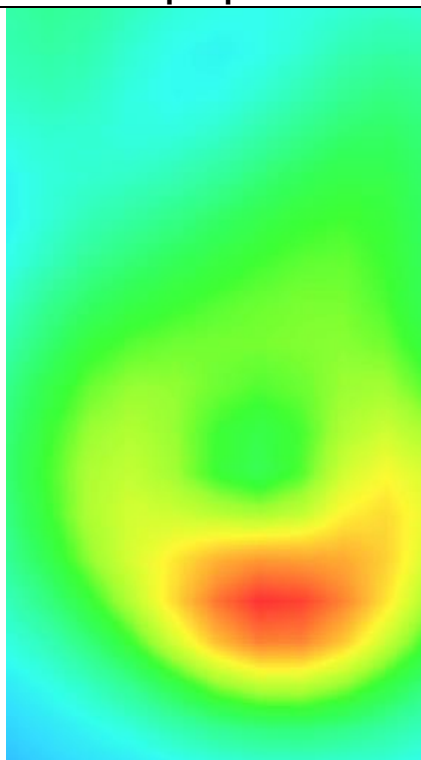
SAR 10g (W/Kg)	0.287102
SAR 1g (W/Kg)	0.625924



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.8261	0.5545	0.3302	0.1965	0.1191



Hot spot position

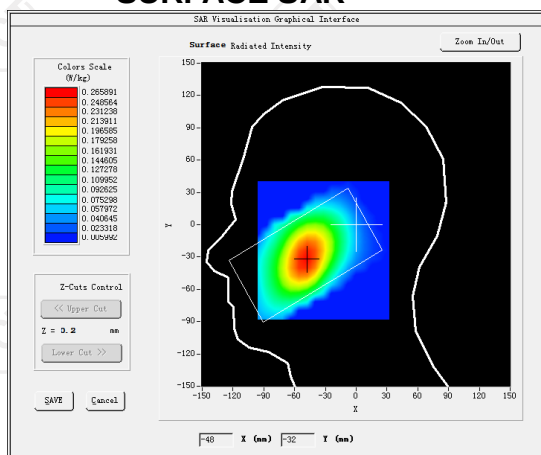


WCDMA Band V MEASUREMENT 1

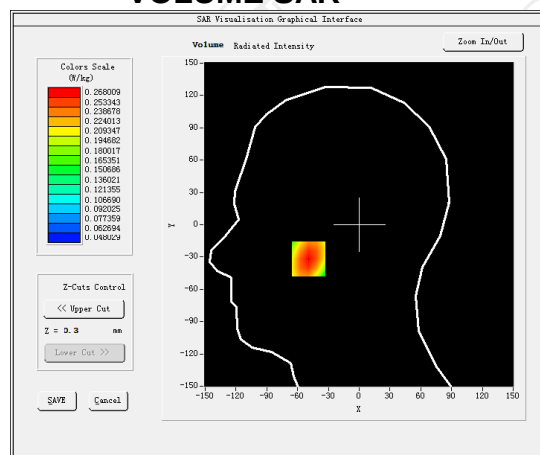
Middle Band SAR (Channel 4182): Date: 03/02/2022

Frequency (MHz)	836.400000
Relative permittivity (real part)	41.432883
Relative permittivity (imaginary part)	18.129634
Conductivity (S/m)	0.857241
Variation (%)	-0.530000
Crest Factor:	1.0
Probe Conversion factor	5.50
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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>BAND5 WCDMA850</u>

SURFACE SAR

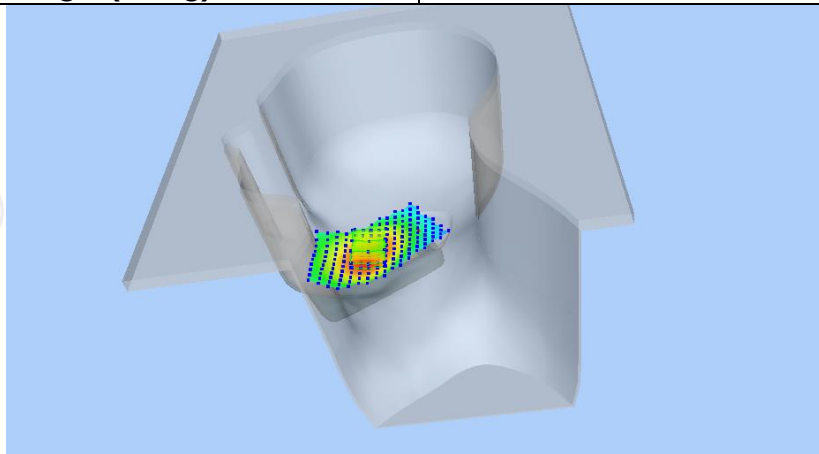


VOLUME SAR

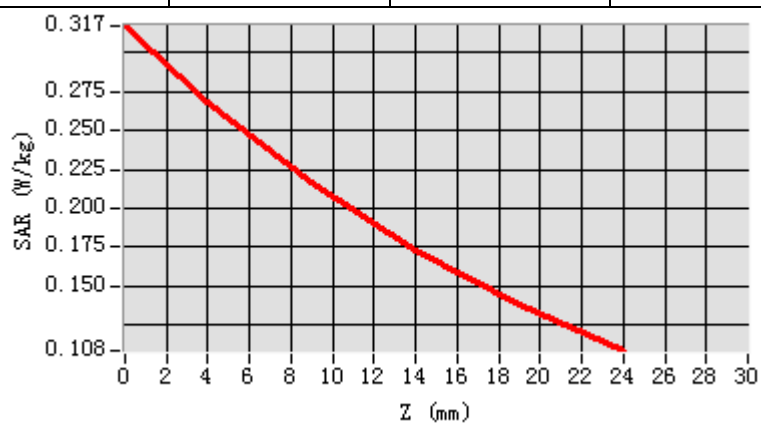


Maximum location: X=-49.00, Y=-32.00 SAR Peak: 0.32 W/kg

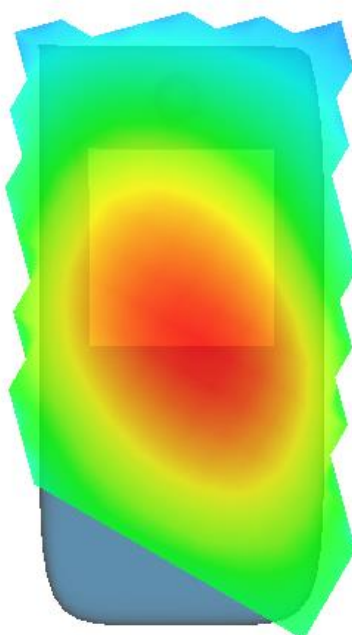
SAR 10g (W/Kg)	0.193816
SAR 1g (W/Kg)	0.258048



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3172	0.2680	0.2160	0.1733	0.1382



Hot spot position



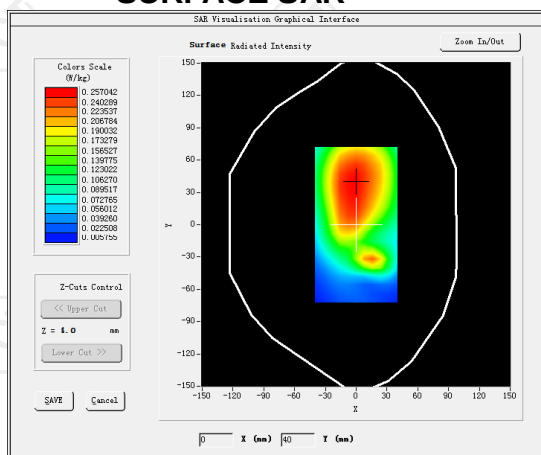
MEASUREMENT 2

Middle Band SAR (Channel 4182):

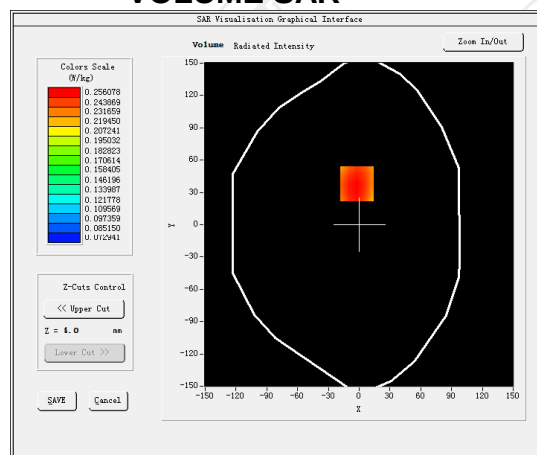
Date: 03/02/2022

Frequency (MHz)	836.400000
Relative permittivity (real part)	55.262457
Relative permittivity (imaginary part)	18.128360
Conductivity (S/m)	0.932668
Variation (%)	0.390000
Crest Factor:	1.0
Probe Conversion factor	5.65
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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

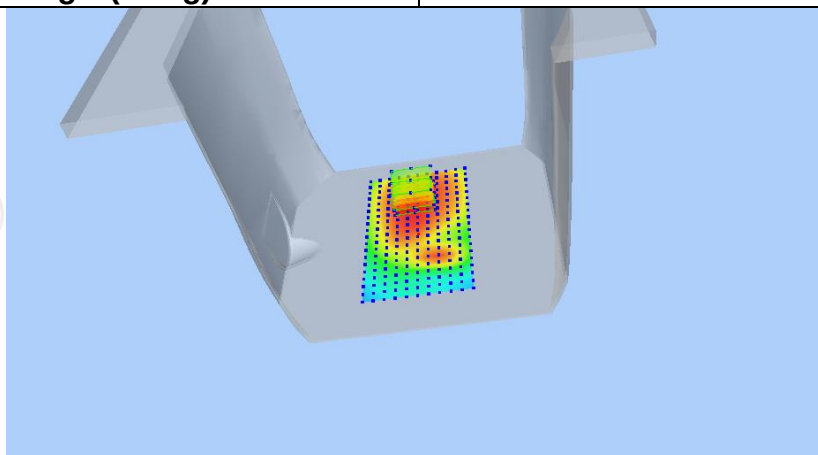


VOLUME SAR

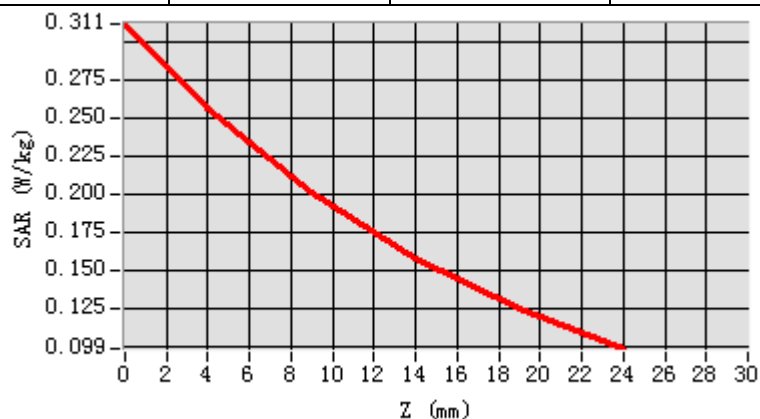


Maximum location: X=-2.00, Y=38.00 SAR Peak: 0.31 W/kg

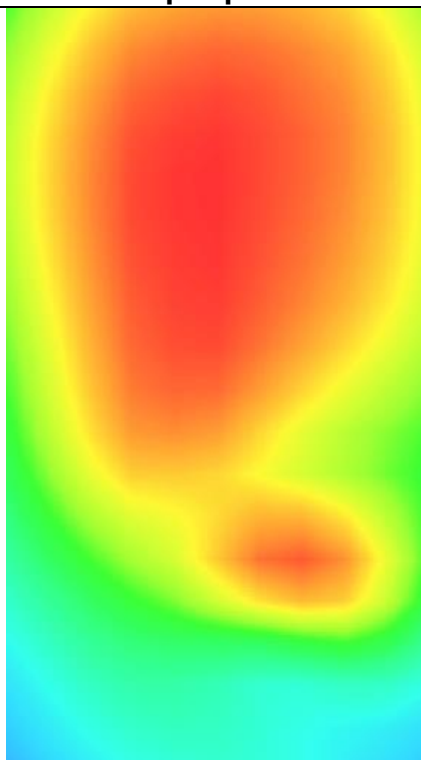
SAR 10g (W/Kg)	0.192483
SAR 1g (W/Kg)	0.243751



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3113	0.2561	0.2008	0.1584	0.1258



Hot spot position



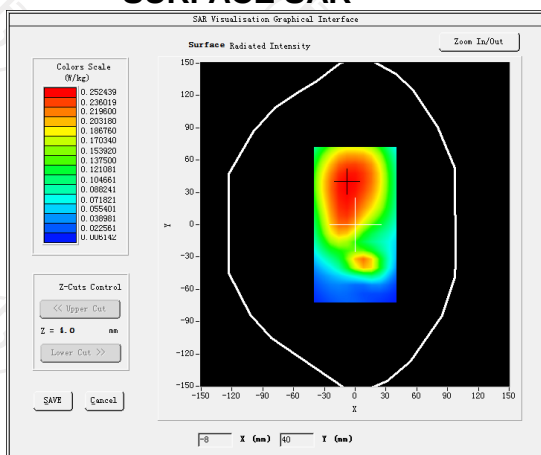
MEASUREMENT 3

Middle Band SAR (Channel 4182):

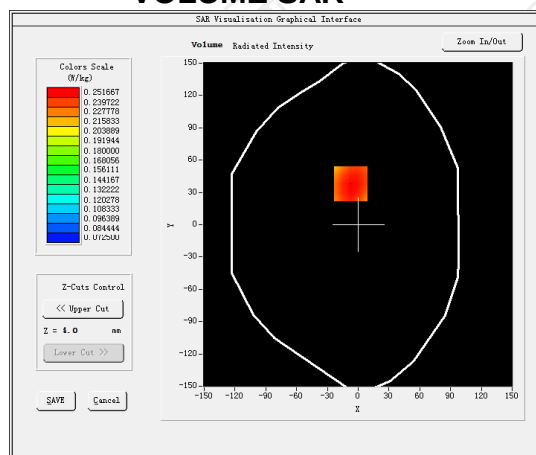
Date: 03/02/2022

Frequency (MHz)	836.400000
Relative permittivity (real part)	55.262457
Relative permittivity (imaginary part)	18.128360
Conductivity (S/m)	0.932668
Variation (%)	-0.590000
Crest Factor:	1.0
Probe Conversion factor	5.65
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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

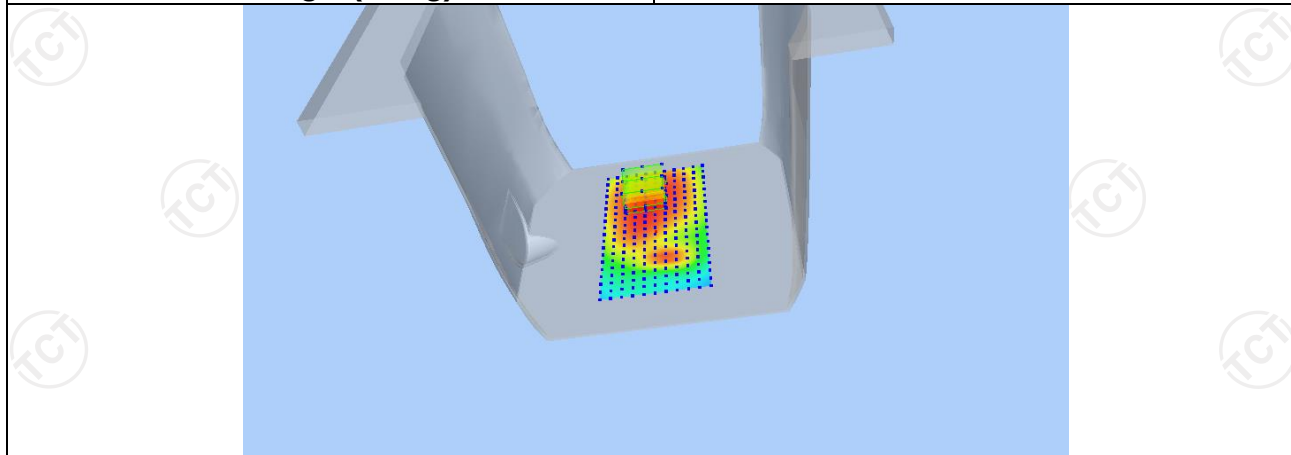


VOLUME SAR

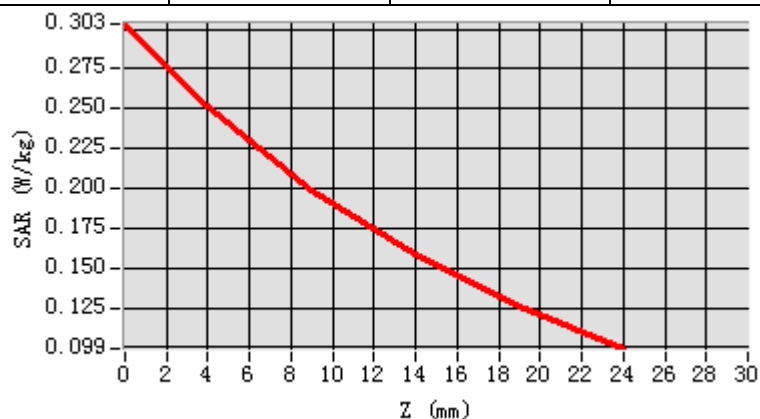


Maximum location: X=-7.00, Y=38.00 SAR Peak: 0.30 W/kg

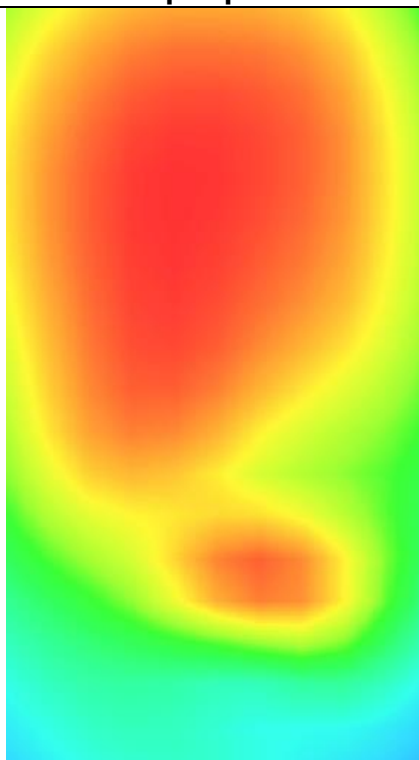
SAR 10g (W/Kg)	0.191228
SAR 1g (W/Kg)	0.259442



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3032	0.2517	0.1993	0.1583	0.1261



Hot spot position



LTE Band 2

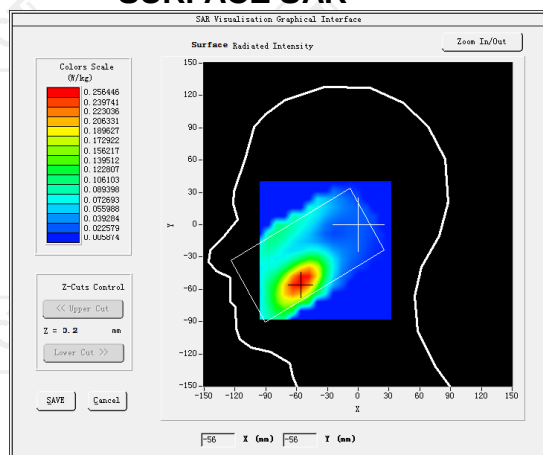
MEASUREMENT 1

Lower Band SAR (Channel 18700):

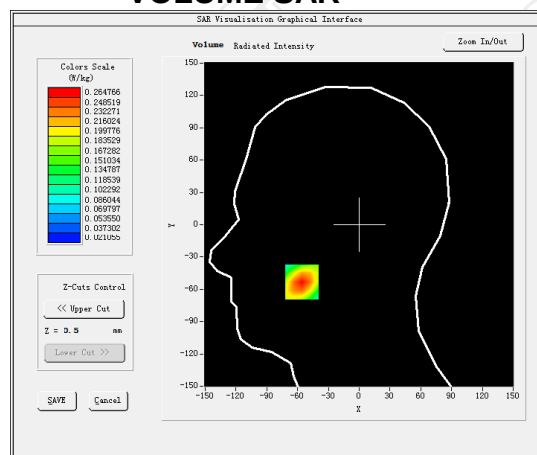
Date: 03/10/2022

Frequency (MHz)	1860.000000
Relative permittivity (real part)	39.082162
Relative permittivity (imaginary part)	12.607130
Conductivity (S/m)	1.375228
Variation (%)	-0.720000
Crest Factor	1.0
Probe Conversion factor	4.85
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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 2 (1 RB#49)

SURFACE SAR

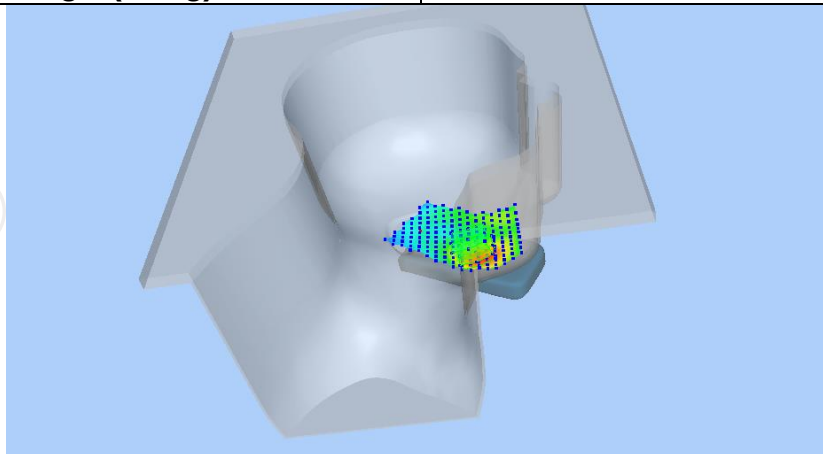


VOLUME SAR

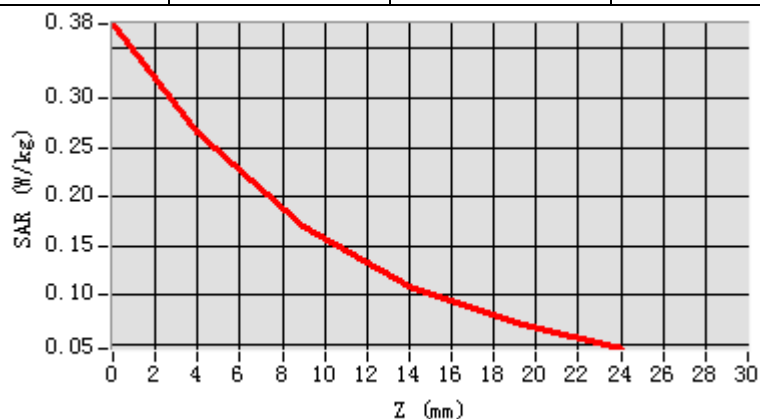


Maximum location: X=-56.00, Y=-53.00 SAR Peak: 0.38 W/kg

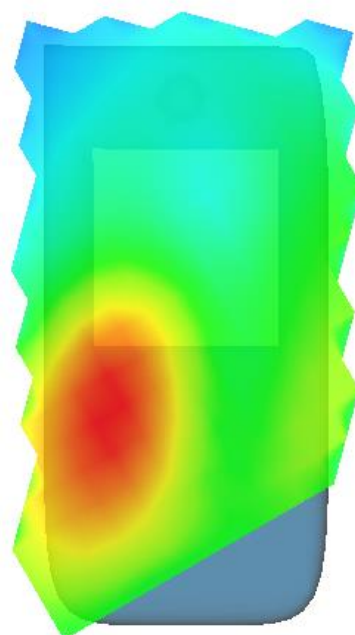
SAR 10g (W/Kg)	0.150219
SAR 1g (W/Kg)	0.249376



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3755	0.2648	0.1692	0.1088	0.0711



Hot spot position



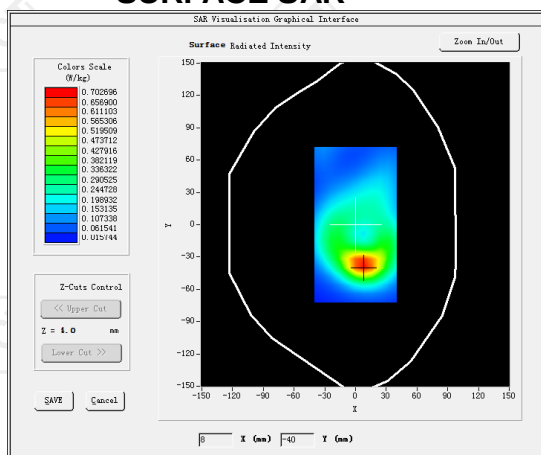
MEASUREMENT 2

Lower Band SAR (Channel 18700):

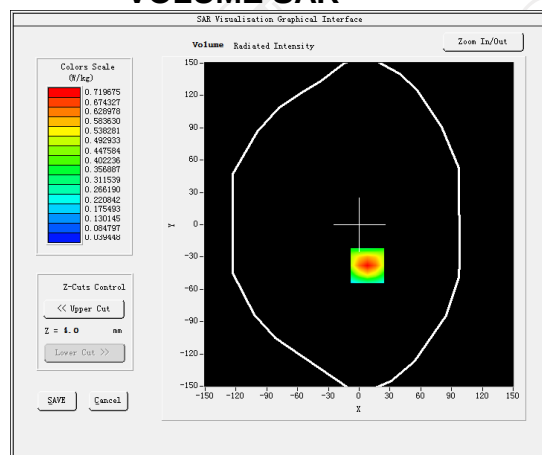
Date: 03/10/2022

Frequency (MHz)	1860.000000
Relative permittivity (real part)	53.312133
Relative permittivity (imaginary part)	14.329440
Conductivity (S/m)	1.511983
Variation (%)	1.120000
Crest Factor	1.0
Probe Conversion factor	5.01
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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	LTE band 2 (1 RB#49)

SURFACE SAR



VOLUME SAR



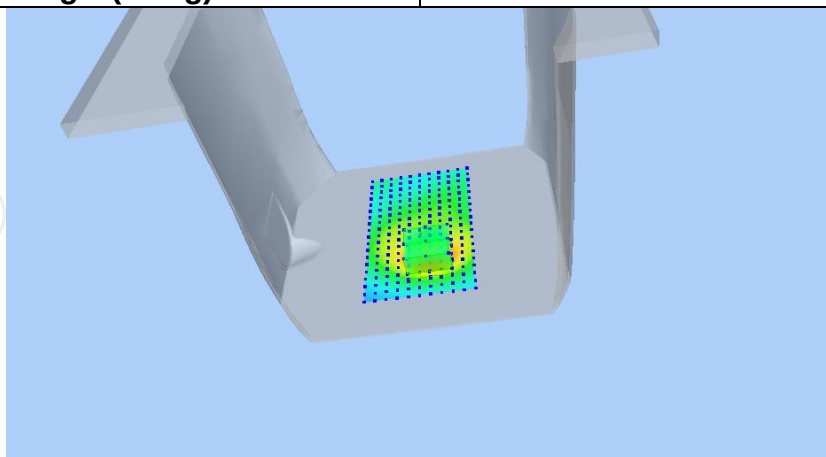
Maximum location: X=8.00, Y=-38.00 SAR Peak: 1.07 W/kg

SAR 10g (W/Kg)

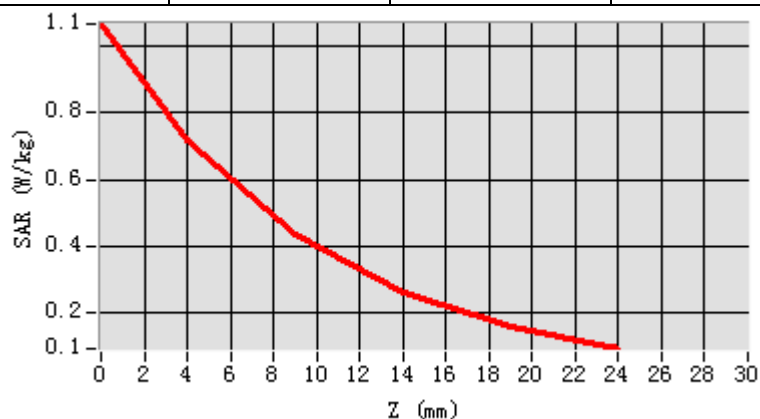
0.374037

SAR 1g (W/Kg)

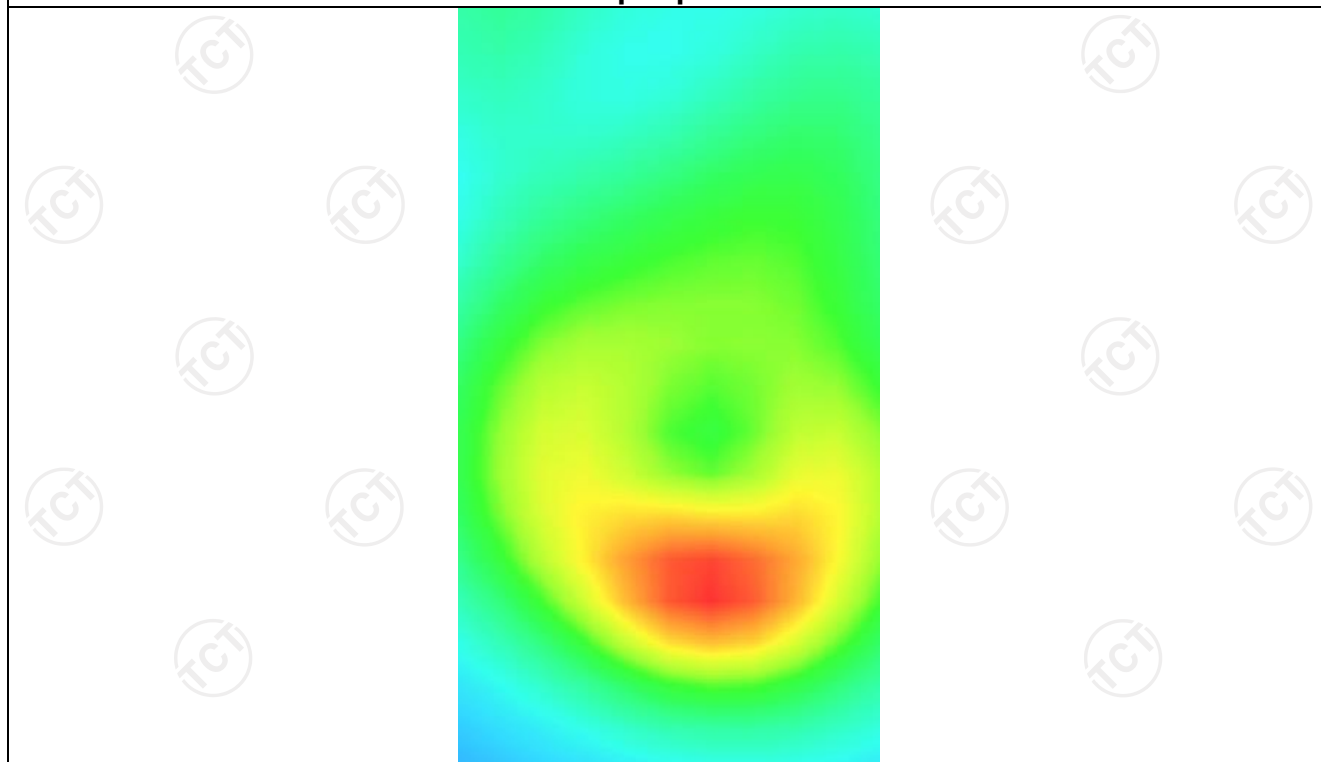
0.668230



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.0654	0.7197	0.4321	0.2592	0.1581



Hot spot position



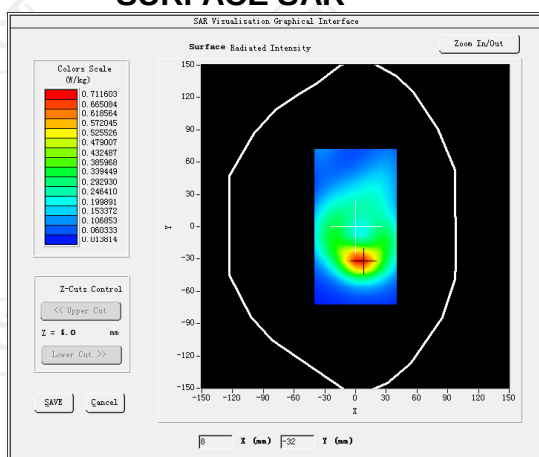
MEASUREMENT 3

Lower Band SAR (Channel 18700):

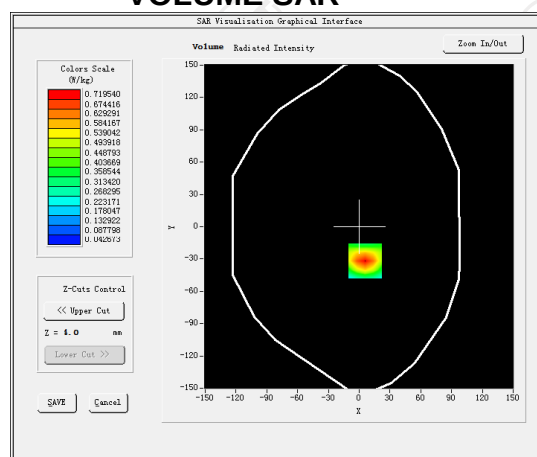
Date: 03/10/2022

Frequency (MHz)	1860.000000
Relative permittivity (real part)	53.312133
Relative permittivity (imaginary part)	14.329440
Conductivity (S/m)	1.511983
Variation (%)	0.210000
Crest Factor	1.0
Probe Conversion factor	5.01
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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 2 (1 RB#49)

SURFACE SAR

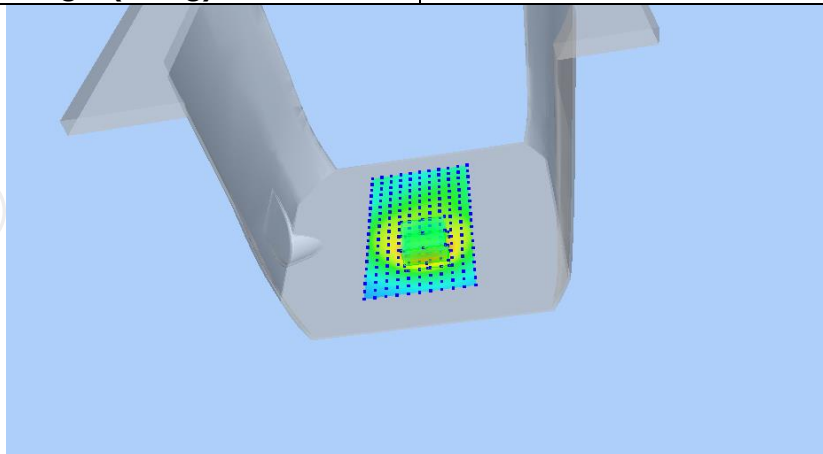


VOLUME SAR

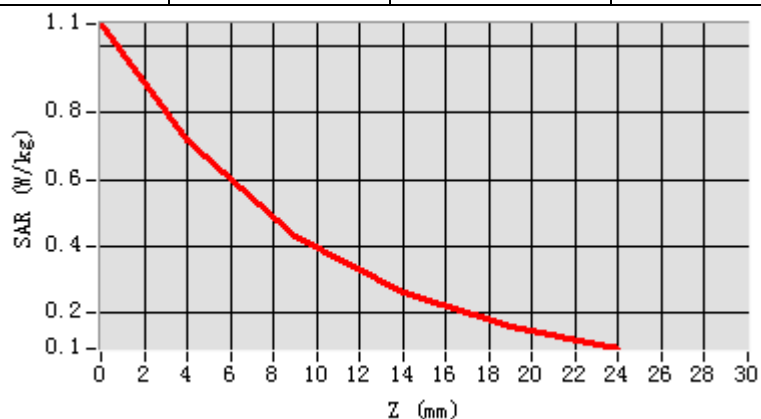


Maximum location: X=6.00, Y=-32.00 SAR Peak: 1.07 W/kg

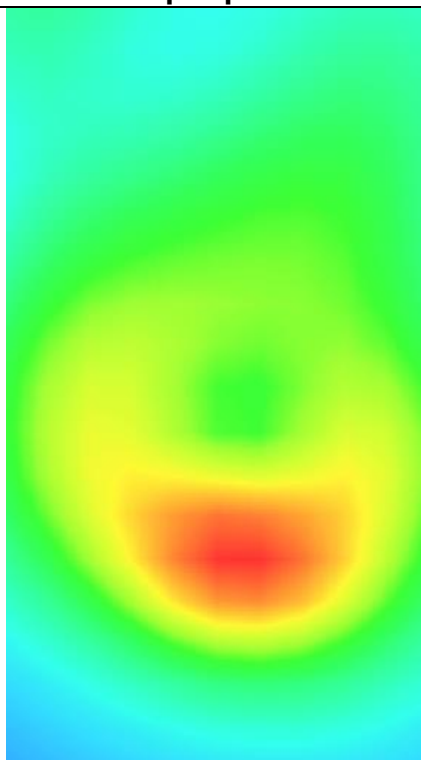
SAR 10g (W/Kg)	0.373822
SAR 1g (W/Kg)	0.679586



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.0661	0.7195	0.4316	0.2587	0.1576



Hot spot position



LTE Band 4

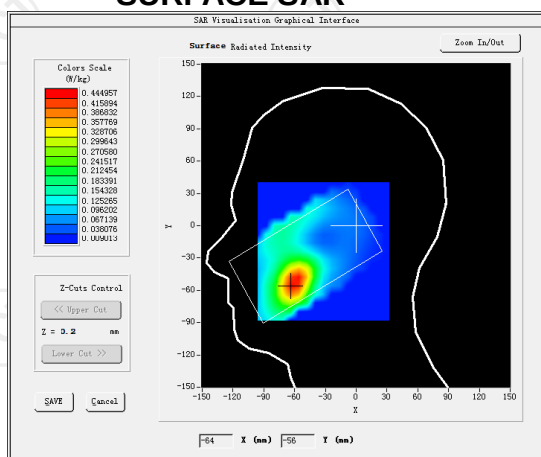
MEASUREMENT 1

Lower Band SAR (Channel 20050):

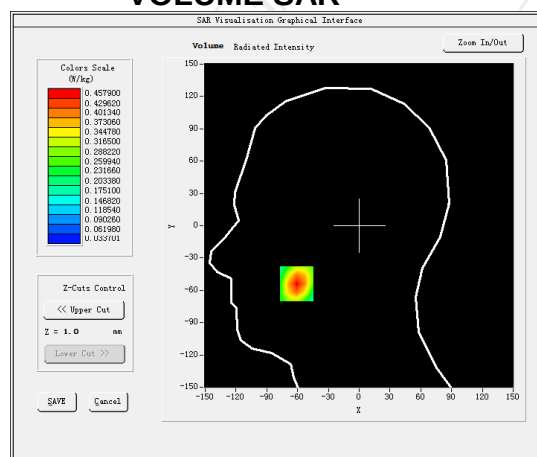
Date: 03/07/2022

Frequency (MHz)	1720.000000
Relative permittivity (real part)	39.082249
Relative permittivity (imaginary part)	12.468101
Conductivity (S/m)	1.365332
Variation (%)	-0.790000
Crest Factor	1.0
Probe Conversion factor	4.38
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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#49)</u>

SURFACE SAR



VOLUME SAR



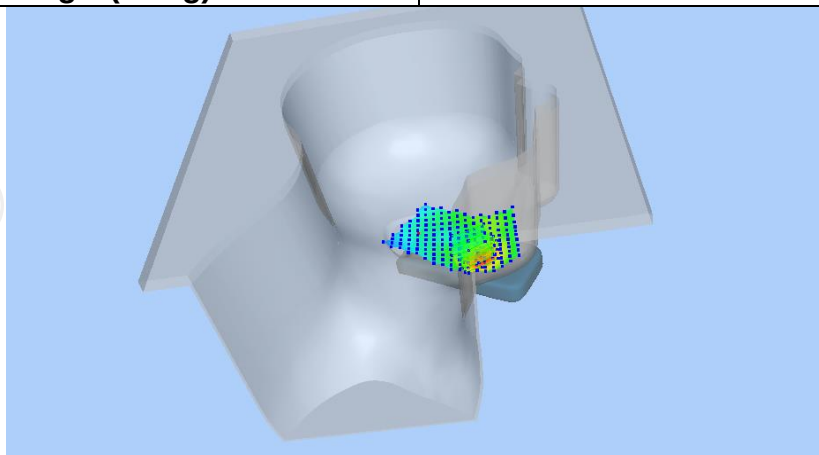
Maximum location: X=-61.00, Y=-54.00 SAR Peak: 0.64 W/kg

SAR 10g (W/Kg)

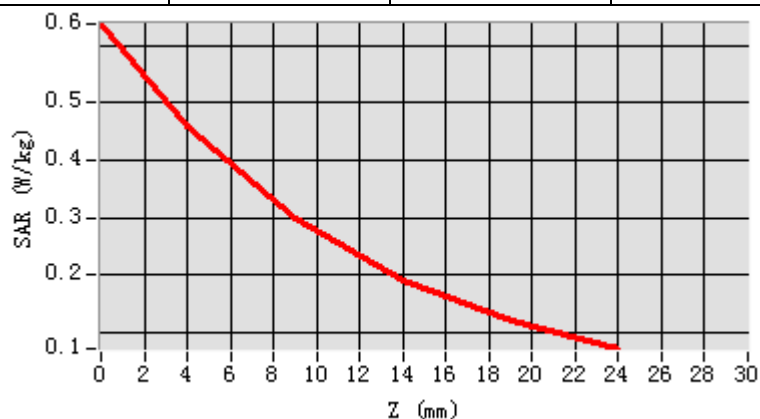
0.257654

SAR 1g (W/Kg)

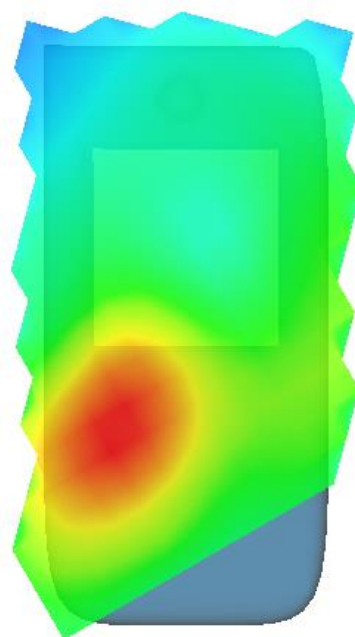
0.409229



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.6376	0.4579	0.2973	0.1907	0.1209



Hot spot position



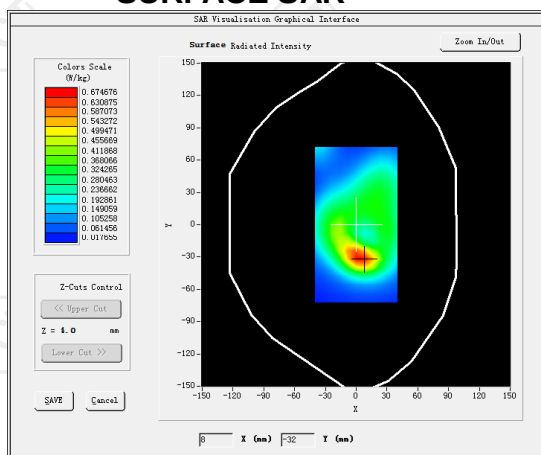
MEASUREMENT 2

Lower Band SAR (Channel 20050):

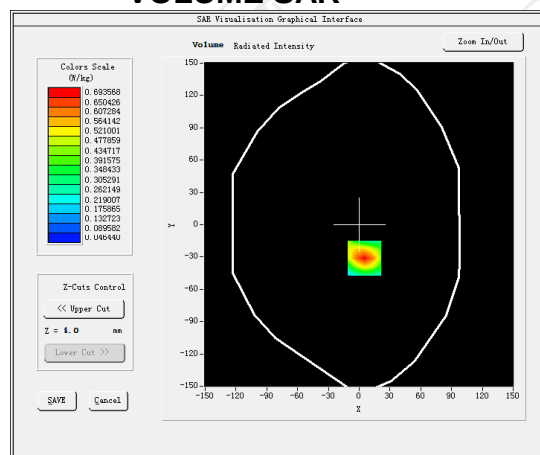
Date: 03/07/2022

Frequency (MHz)	1720.000000
Relative permittivity (real part)	53.310663
Relative permittivity (imaginary part)	12.468721
Conductivity (S/m)	1.512592
Variation (%)	-1.120000
Crest Factor	1.0
Probe Conversion factor	4.52
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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#49)</u>

SURFACE SAR

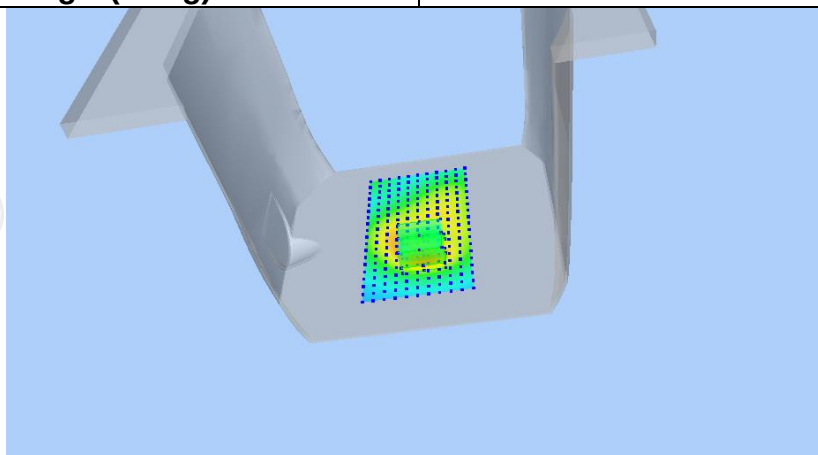


VOLUME SAR

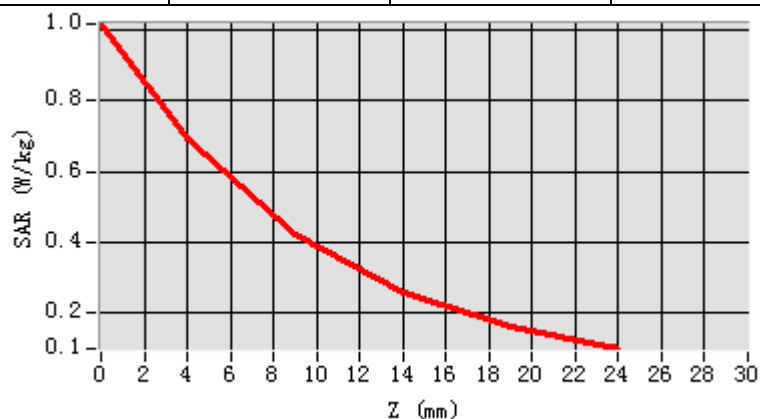


Maximum location: X=5.00, Y=-31.00 SAR Peak: 1.02 W/kg

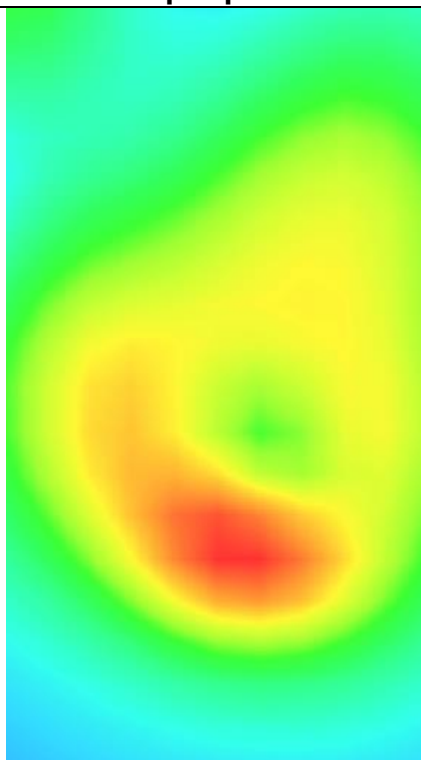
SAR 10g (W/Kg)	0.362784
SAR 1g (W/Kg)	0.643788



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.0187	0.6936	0.4218	0.2573	0.1601



Hot spot position



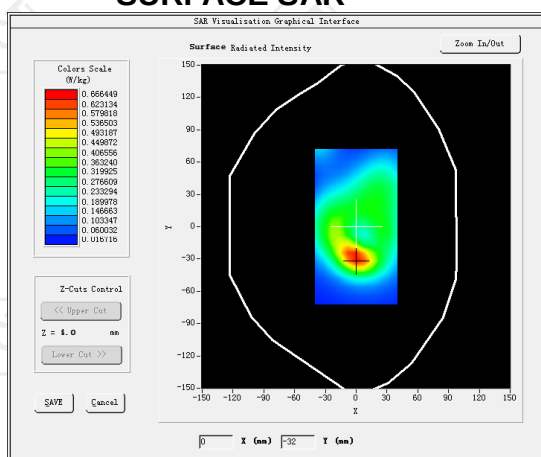
MEASUREMENT 3

Lower Band SAR (Channel 20050):

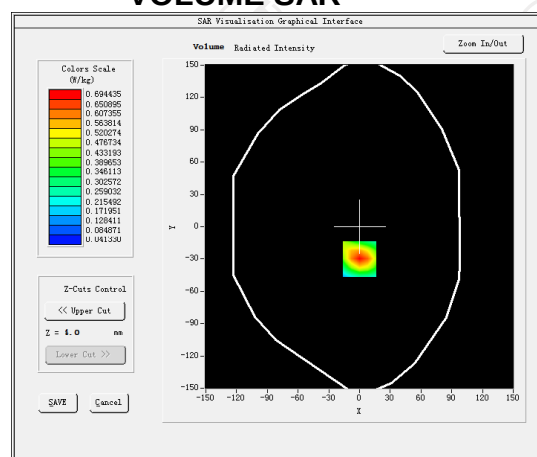
Date: 03/07/2022

Frequency (MHz)	1720.000000
Relative permittivity (real part)	53.310663
Relative permittivity (imaginary part)	12.468721
Conductivity (S/m)	1.512592
Variation (%)	0.170000
Crest Factor	1.0
Probe Conversion factor	4.52
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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	<u>Body back(hotspot 10mm)</u>
Band	<u>LTE band 4(1 RB#49)</u>

SURFACE SAR

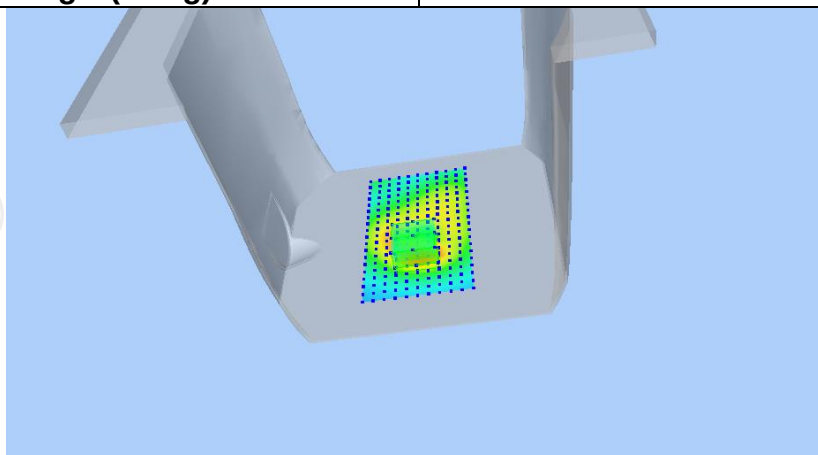


VOLUME SAR

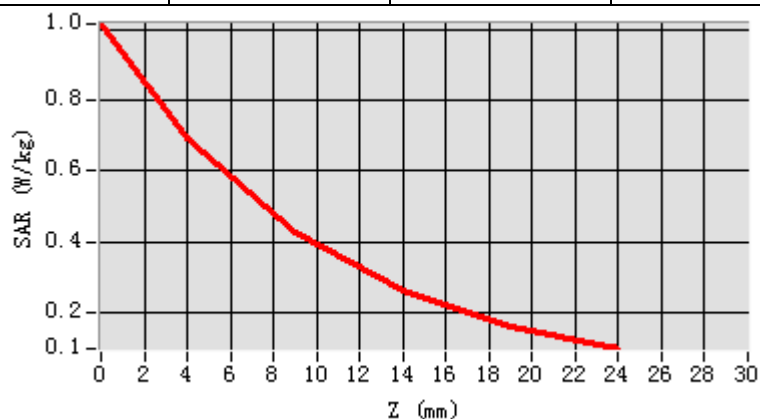


Maximum location: X=0.00, Y=-30.00 SAR Peak: 1.02 W/kg

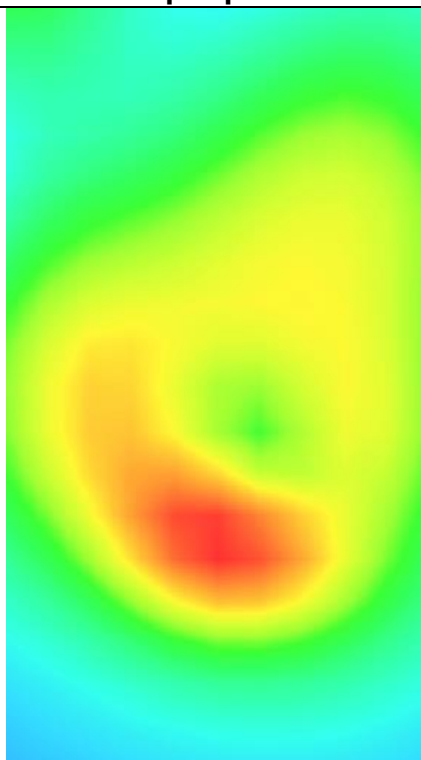
SAR 10g (W/Kg)	0.365005
SAR 1g (W/Kg)	0.665521



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.0144	0.6944	0.4253	0.2608	0.1628



Hot spot position



LTE Band 5

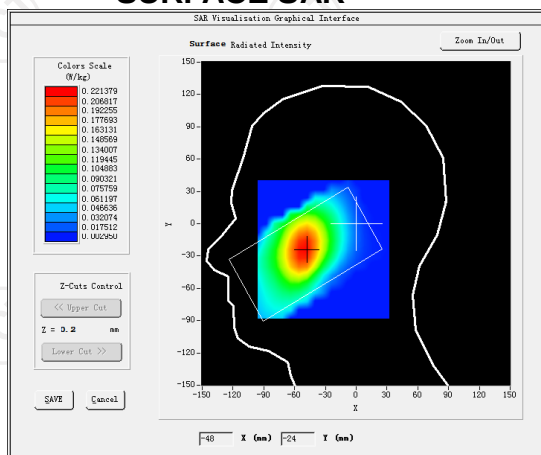
MEASUREMENT 1

Hight Band SAR (Channel 20600):

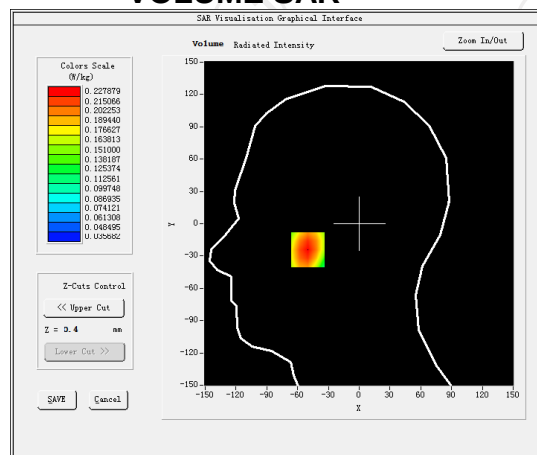
Date: 03/02/2022

Frequency (MHz)	844.000000
Relative permittivity (real part)	41.422375
Relative permittivity (imaginary part)	12.468850
Conductivity (S/m)	0.873352
Variation (%)	0.490000
Crest Factor	1.0
Probe Conversion factor	4.38
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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#24)

SURFACE SAR



VOLUME SAR



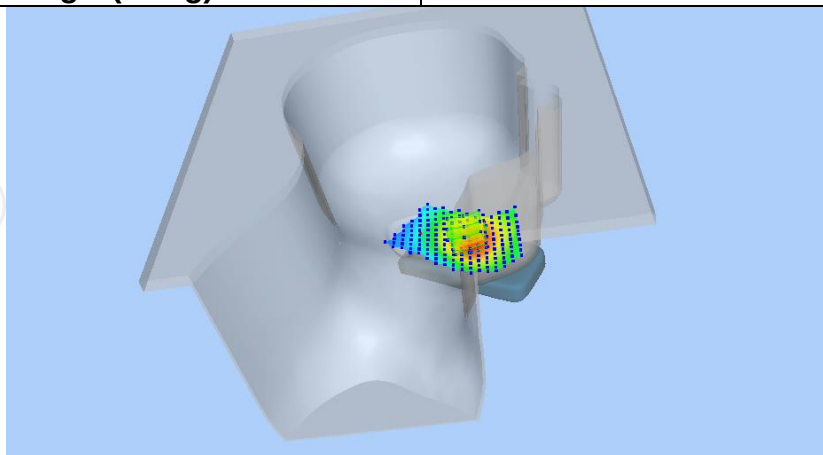
Maximum location: X=-50.00, Y=-24.00 SAR Peak: 0.27 W/kg

SAR 10g (W/Kg)

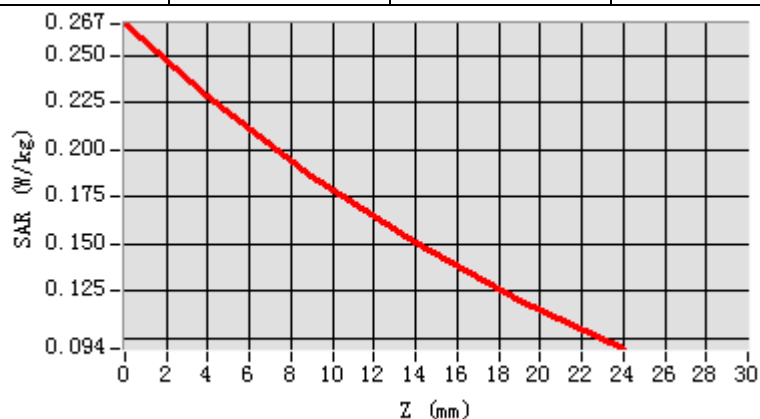
0.165191

SAR 1g (W/Kg)

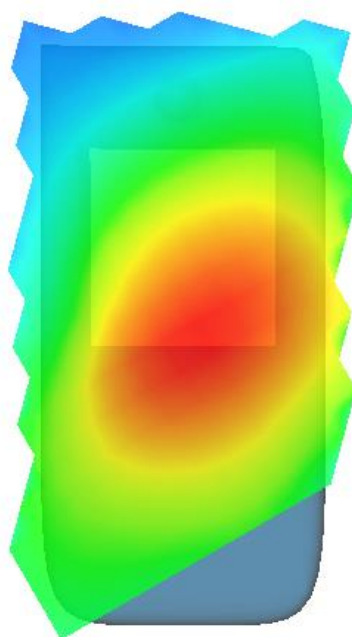
0.219502



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2666	0.2279	0.1859	0.1504	0.1204



Hot spot position



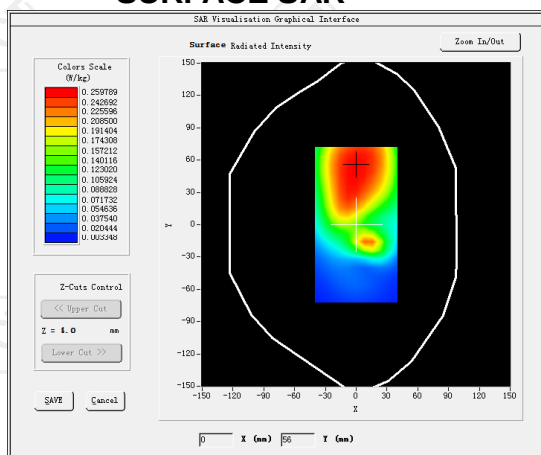
MEASUREMENT 2

Hight Band SAR (Channel 20600):

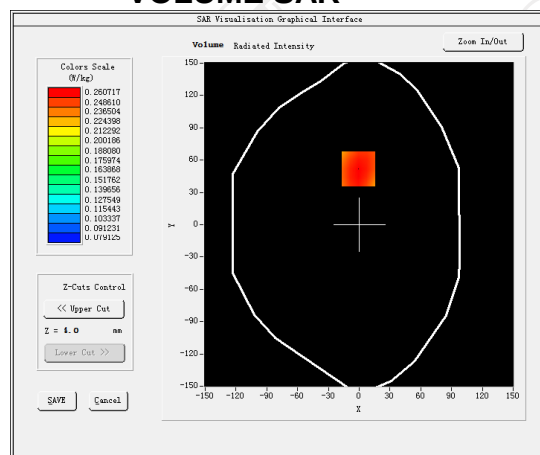
Date: 03/02/2022

Frequency (MHz)	844.000000
Relative permittivity (real part)	53.242028
Relative permittivity (imaginary part)	12.468234
Conductivity (S/m)	0.941322
Variation (%)	0.170000
Crest Factor	1.0
Probe Conversion factor	4.52
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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#24)</u>

SURFACE SAR

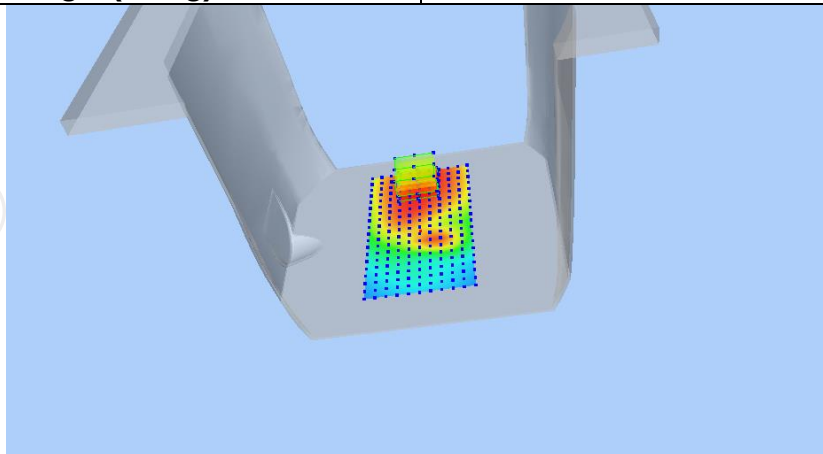


VOLUME SAR

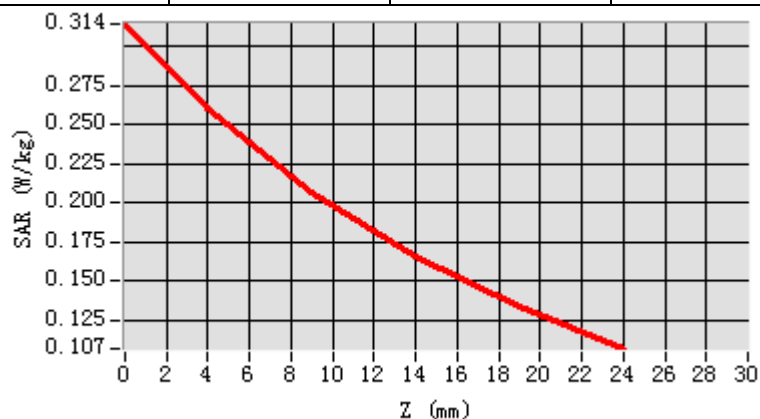


Maximum location: X=-1.00, Y=52.00 SAR Peak: 0.31 W/kg

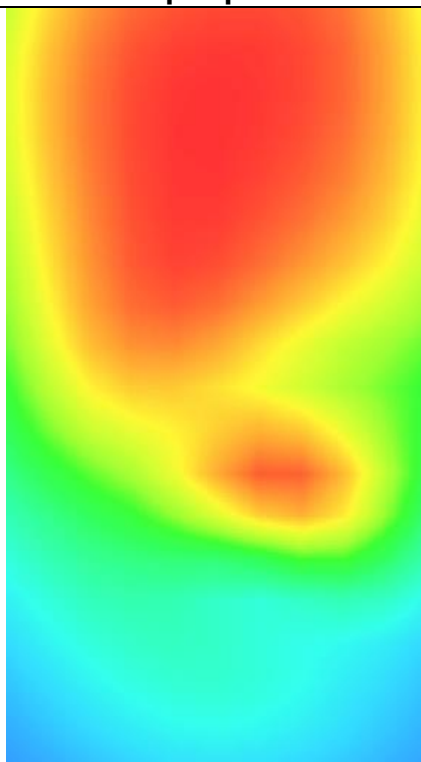
SAR 10g (W/Kg)	0.197049
SAR 1g (W/Kg)	0.244874



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3141	0.2607	0.2069	0.1654	0.1332



Hot spot position



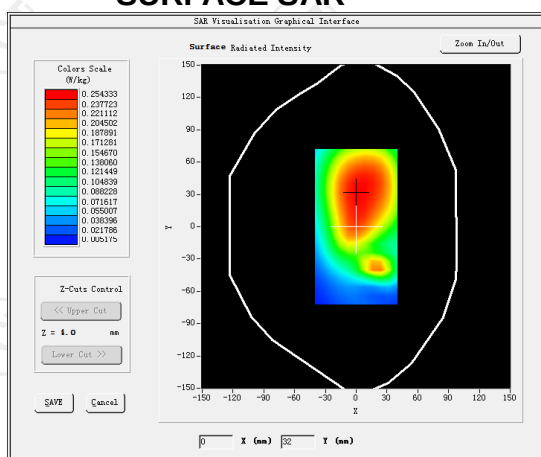
MEASUREMENT 3

Hight Band SAR (Channel 20600):

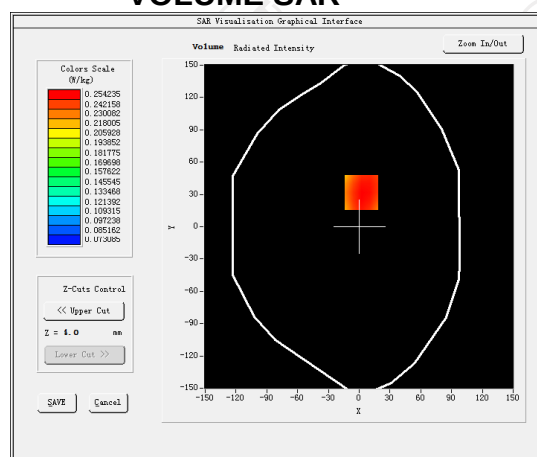
Date: 03/02/2022

Frequency (MHz)	844.000000
Relative permittivity (real part)	53.242028
Relative permittivity (imaginary part)	12.468234
Conductivity (S/m)	0.941322
Variation (%)	-0.660000
Crest Factor	1.0
Probe Conversion factor	4.52
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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 5(1 RB#24)

SURFACE SAR

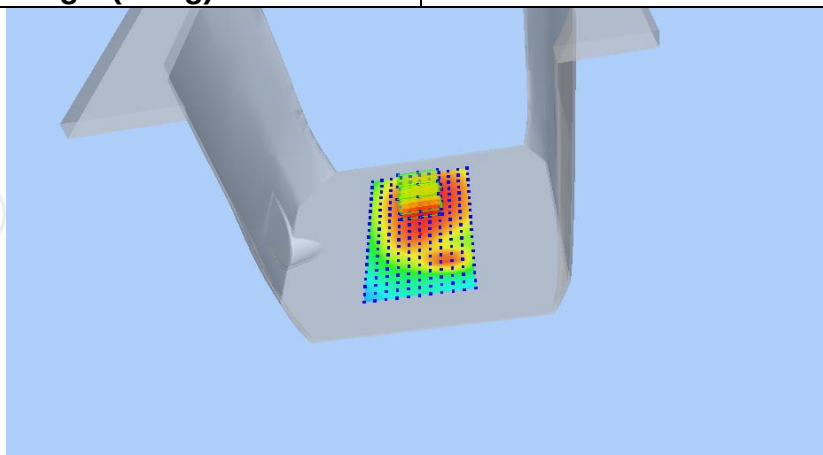


VOLUME SAR

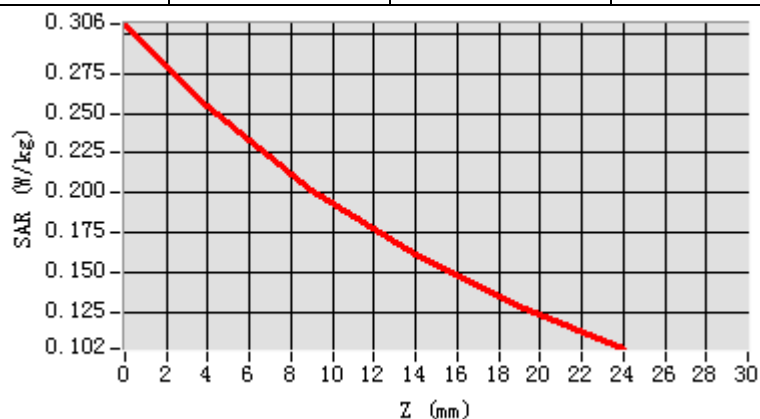


Maximum location: X=2.00, Y=32.00 SAR Peak: 0.31 W/kg

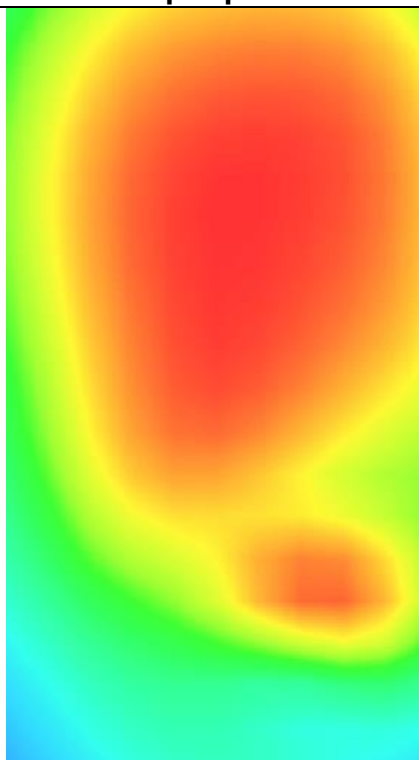
SAR 10g (W/Kg)	0.192746
SAR 1g (W/Kg)	0.258934



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3059	0.2542	0.2018	0.1610	0.1290



Hot spot position

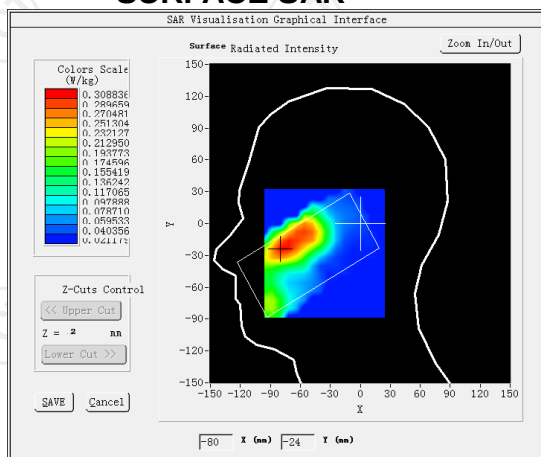


LTE Band 12

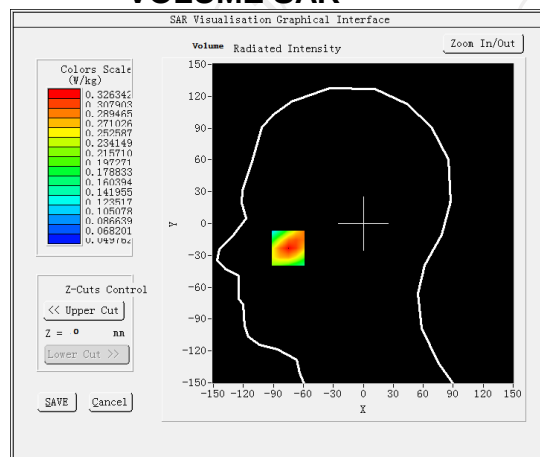
MEASUREMENT 1

Middle Band SAR (Channel 23095):		Date: 02/25/2022
Frequency (MHz)	707.500000	
Relative permittivity (real part)	40.392517	
Relative permittivity (imaginary part)	12.468850	
Conductivity (S/m)	0.881392	
Variation (%)	-0.240000	
Crest Factor	1.0	
Probe Conversion factor	4.38	
E-Field Probe:	SSE2 (SN 36/20 EPG0346)	
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 12(1 RB#24)	

SURFACE SAR



VOLUME SAR



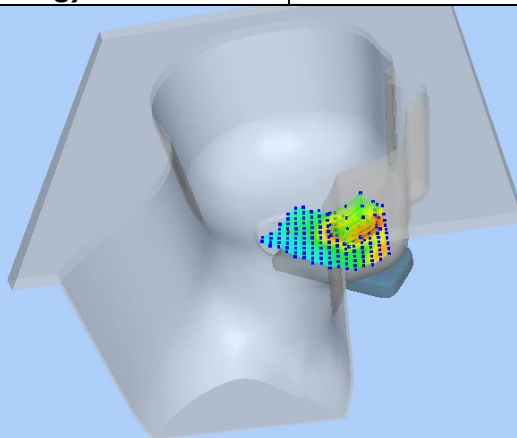
Maximum location: X=-75.00, Y=-22.00 SAR Peak: 0.43 W/kg

SAR 10g (W/Kg)

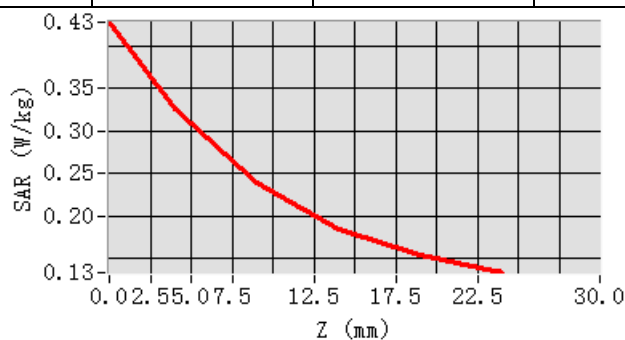
0.219558

SAR 1g (W/Kg)

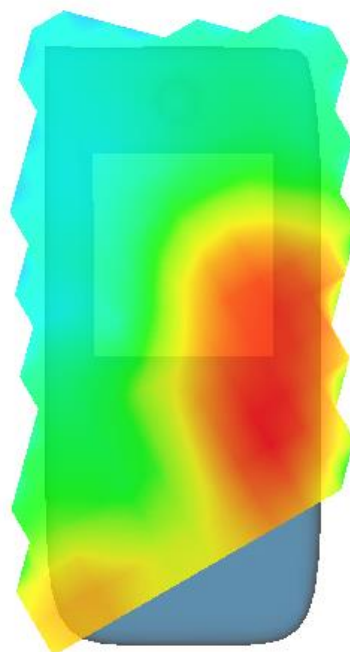
0.317572



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.4281	0.3263	0.2385	0.1848	0.1540



Hot spot position



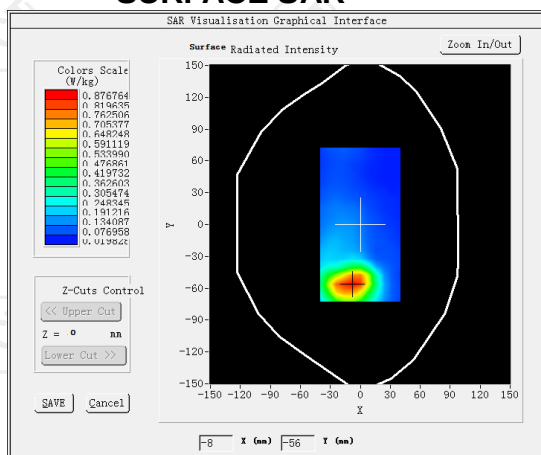
MEASUREMENT 2

Middle Band SAR (Channel 23095):

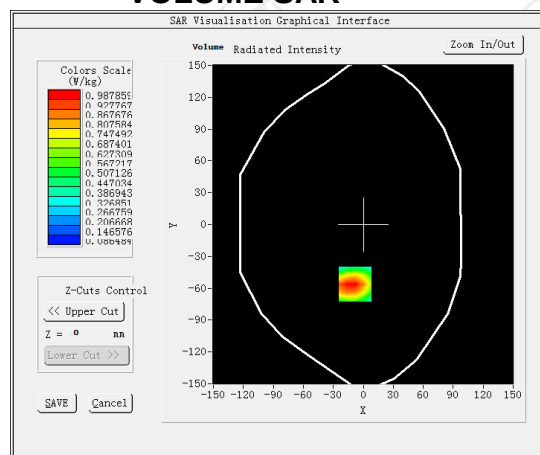
Date: 02/25/2022

Frequency (MHz)	707.500000
Relative permittivity (real part)	40.392517
Relative permittivity (imaginary part)	12.468850
Conductivity (S/m)	0.881392
Variation (%)	1.220000
Crest Factor	1.0
Probe Conversion factor	4.52
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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#24)</u>

SURFACE SAR

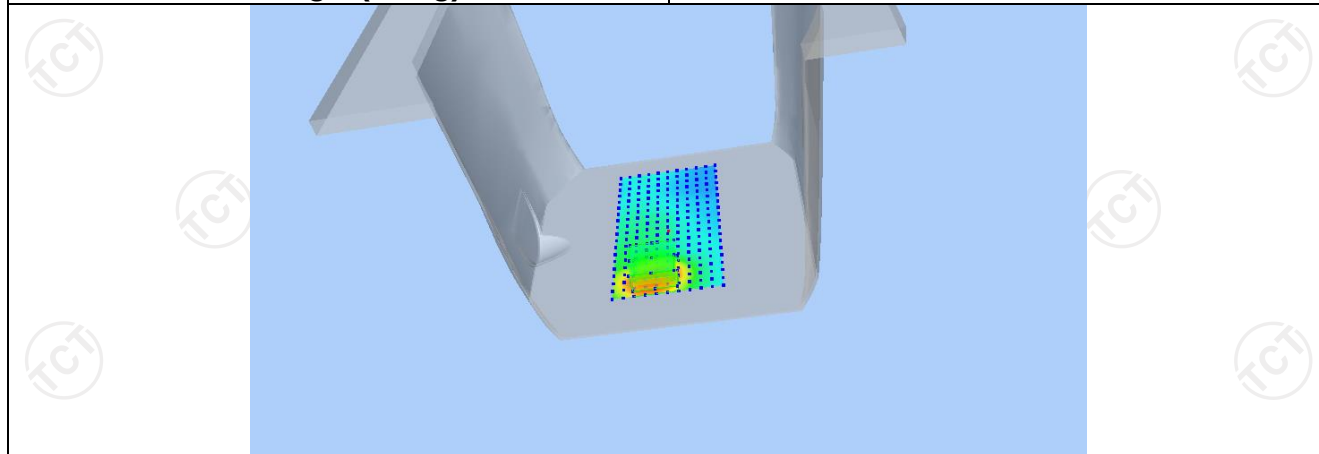


VOLUME SAR

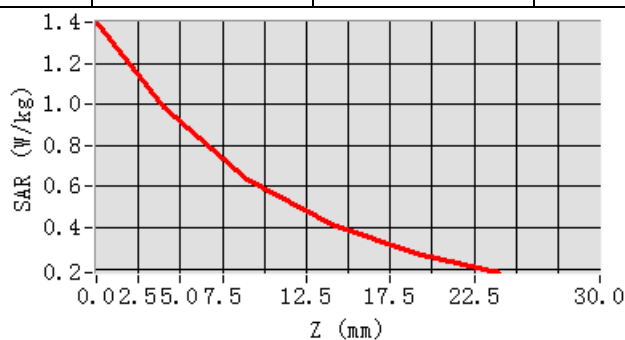


Maximum location: X=-8.00, Y=-56.00 SAR Peak: 1.44 W/kg

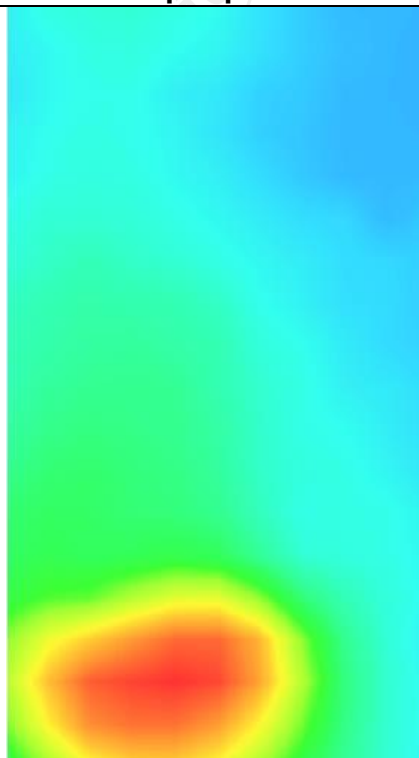
SAR 10g (W/Kg)	0.971257
SAR 1g (W/Kg)	0.565259



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.3998	0.9879	0.6339	0.4117	0.2746



Hot spot position



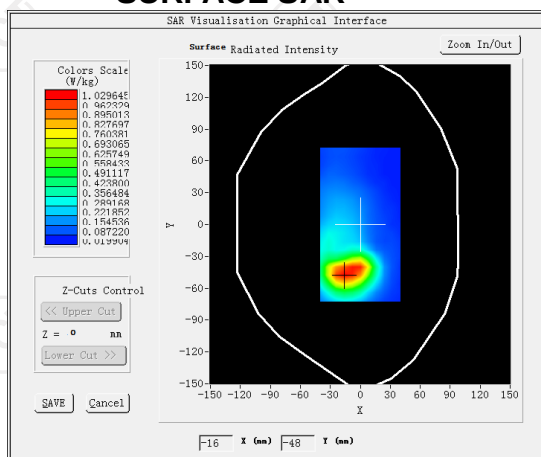
MEASUREMENT 3

Middle Band SAR (Channel 23095):

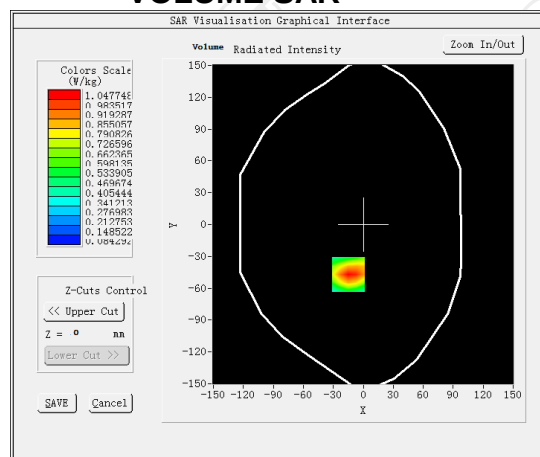
Date: 02/25/2022

Frequency (MHz)	707.500000
Relative permittivity (real part)	40.392517
Relative permittivity (imaginary part)	12.468850
Conductivity (S/m)	0.881392
Variation (%)	-0.460000
Crest Factor	1.0
Probe Conversion factor	4.52
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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 12(1 RB#24)

SURFACE SAR

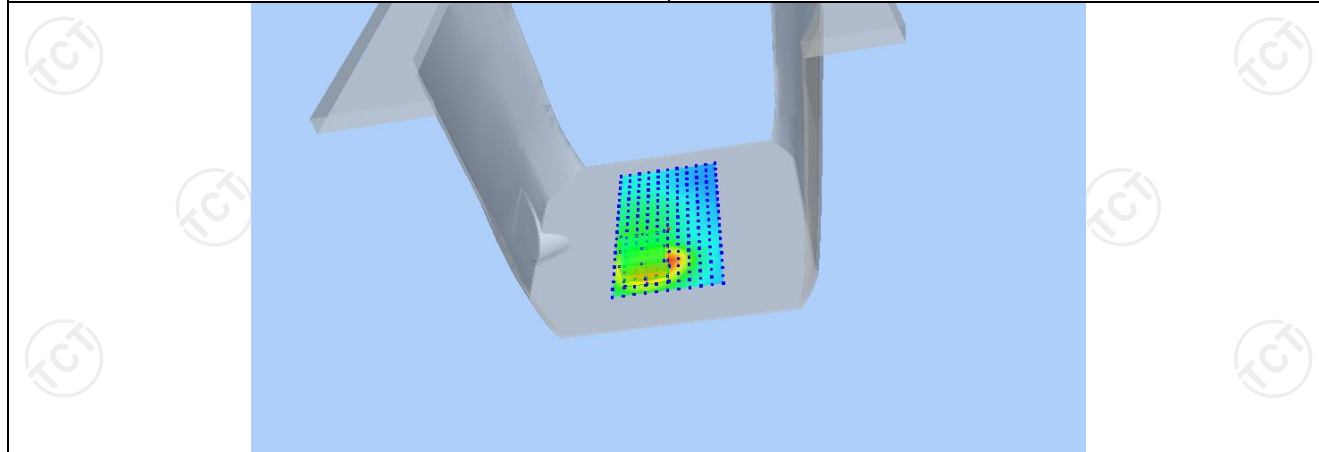


VOLUME SAR

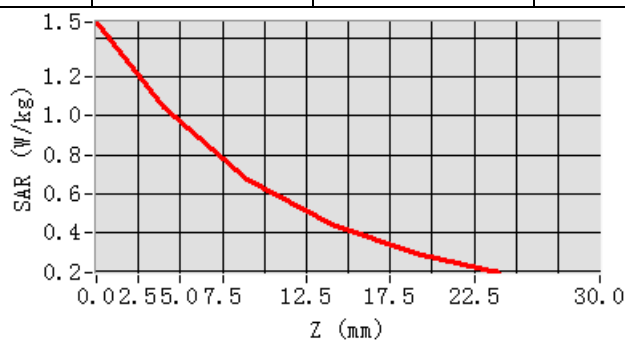


Maximum location: X=-15.00, Y=-47.00 SAR Peak: 1.49 W/kg

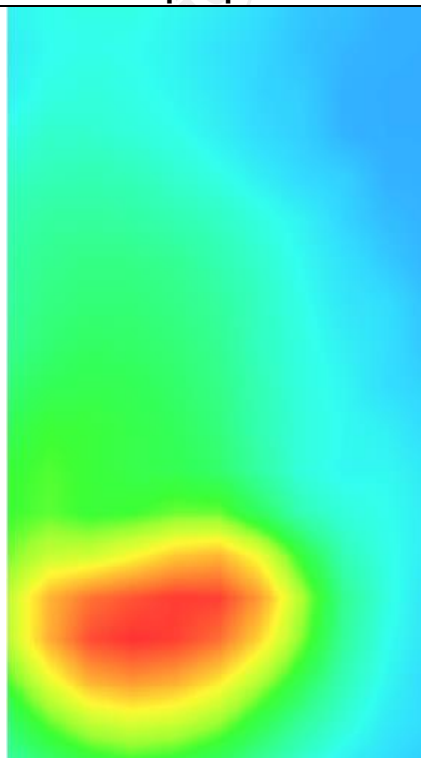
SAR 10g (W/Kg)	0.984461
SAR 1g (W/Kg)	0.595948



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.4868	1.0477	0.6707	0.4341	0.2882



Hot spot position



LTE Band 66

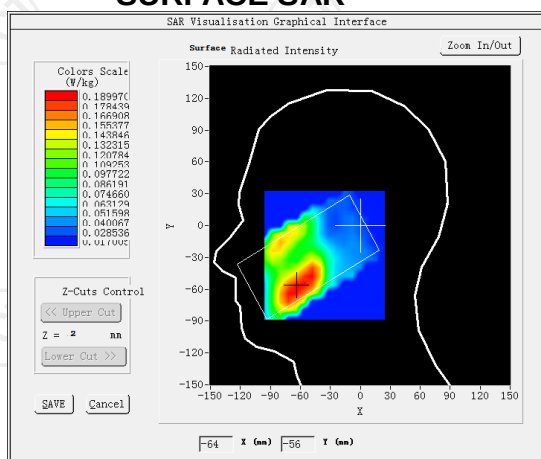
MEASUREMENT 1

Middle Band SAR (Channel 132322):

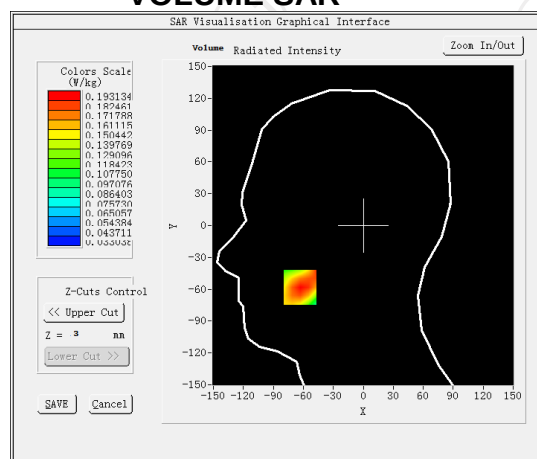
Date: 03/07/2022

Frequency (MHz)	1745.000000
Relative permittivity (real part)	39.111249
Relative permittivity (imaginary part)	12.468850
Conductivity (S/m)	1.340792
Variation (%)	1.010000
Crest Factor	1.0
Probe Conversion factor	2.08
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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#49)</u>

SURFACE SAR

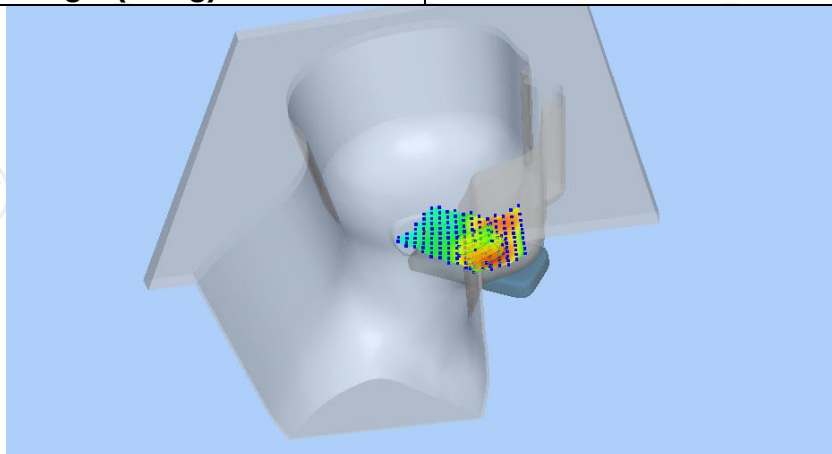


VOLUME SAR

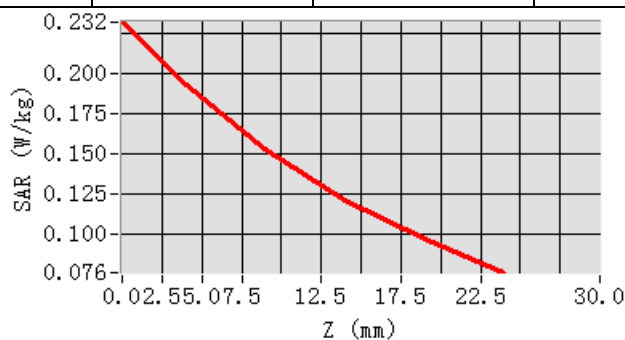


Maximum location: X=-63.00, Y=-58.00 SAR Peak: 0.23 W/kg

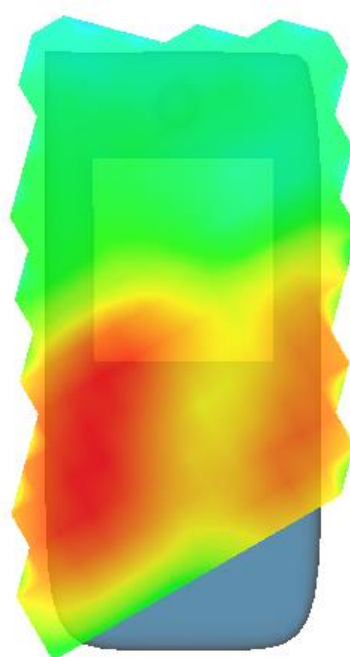
SAR 10g (W/Kg)	0.141073
SAR 1g (W/Kg)	0.185764



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2323	0.1931	0.1532	0.1218	0.0970



Hot spot position



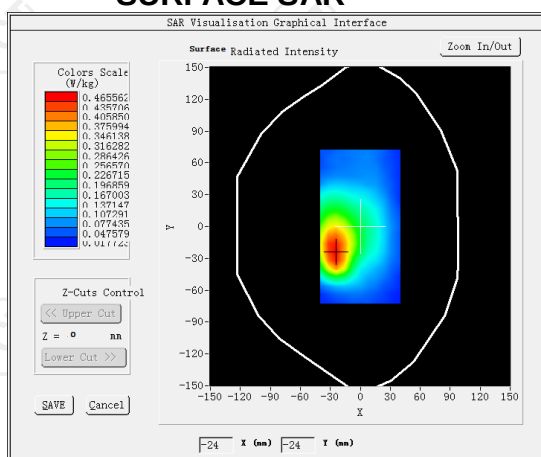
MEASUREMENT 2

Middle Band SAR (Channel 132322):

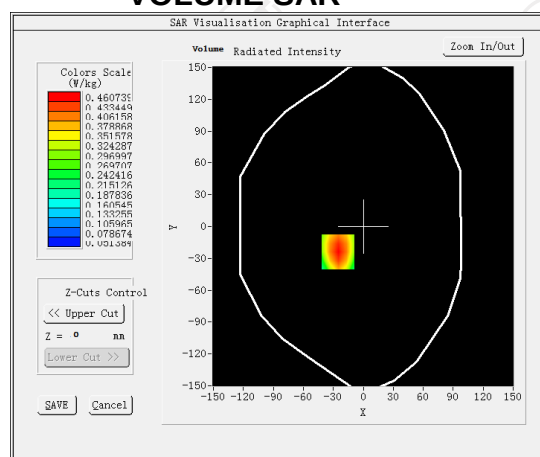
Date: 03/07/2022

Frequency (MHz)	1745.000000
Relative permittivity (real part)	53.341249
Relative permittivity (imaginary part)	15.168850
Conductivity (S/m)	1.492592
Variation (%)	-1.930000
Crest Factor	1.0
Probe Conversion factor	2.16
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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#49)</u>

SURFACE SAR

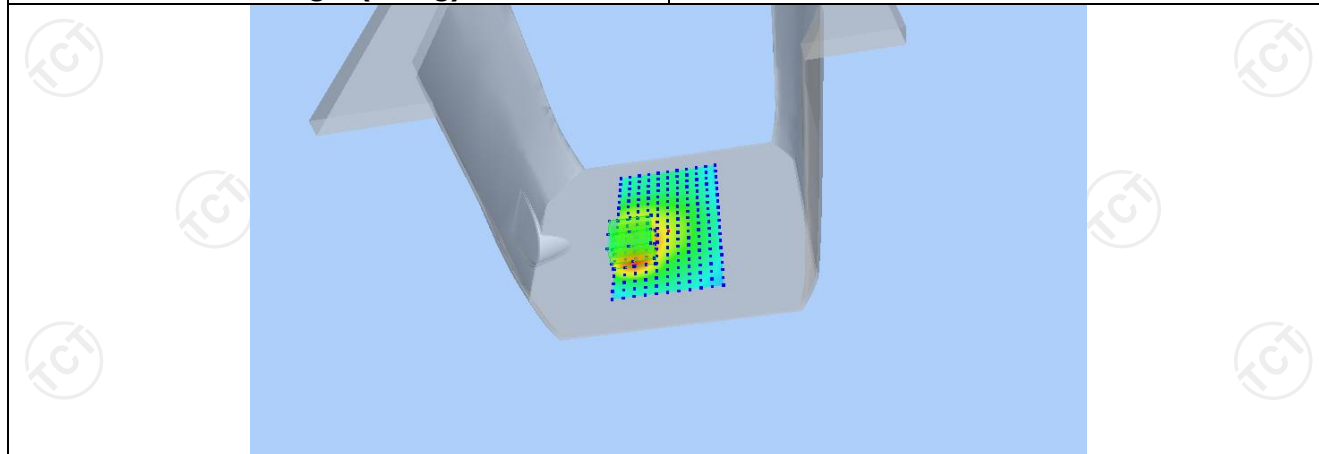


VOLUME SAR

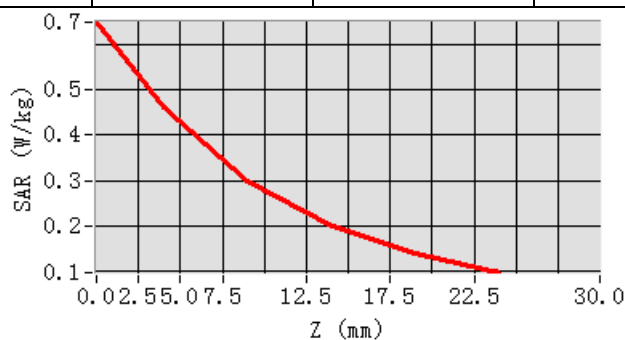


Maximum location: X=-25.00, Y=-24.00 SAR Peak: 0.66 W/kg

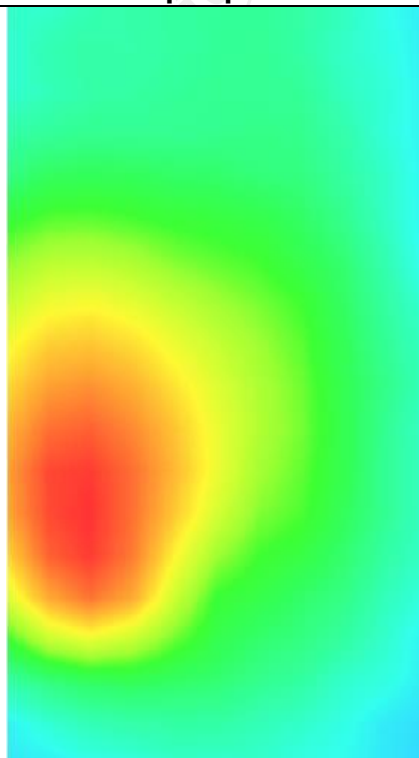
SAR 10g (W/Kg)	0.285578
SAR 1g (W/Kg)	0.441372



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.6508	0.4607	0.2987	0.1983	0.1374



Hot spot position



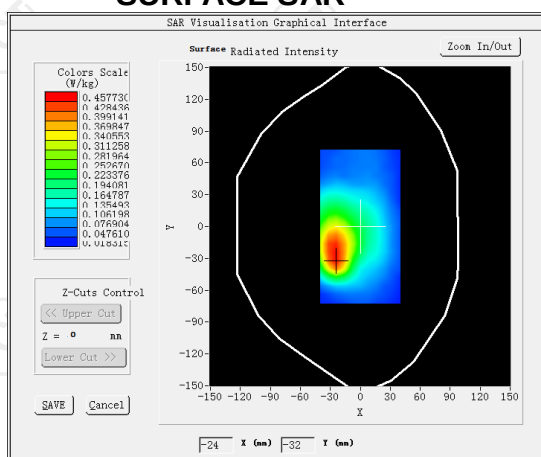
MEASUREMENT 3

Middle Band SAR (Channel 132322):

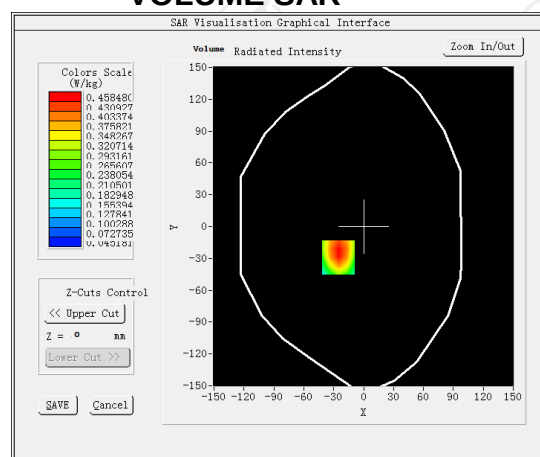
Date: 03/07/2022

Frequency (MHz)	1745.000000
Relative permittivity (real part)	53.341249
Relative permittivity (imaginary part)	15.168850
Conductivity (S/m)	1.492592
Variation (%)	-0.550000
Crest Factor	1.0
Probe Conversion factor	2.16
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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	<u>Body back(hotspot 10mm)</u>
Band	<u>LTE band 66(1 RB#49)</u>

SURFACE SAR



VOLUME SAR



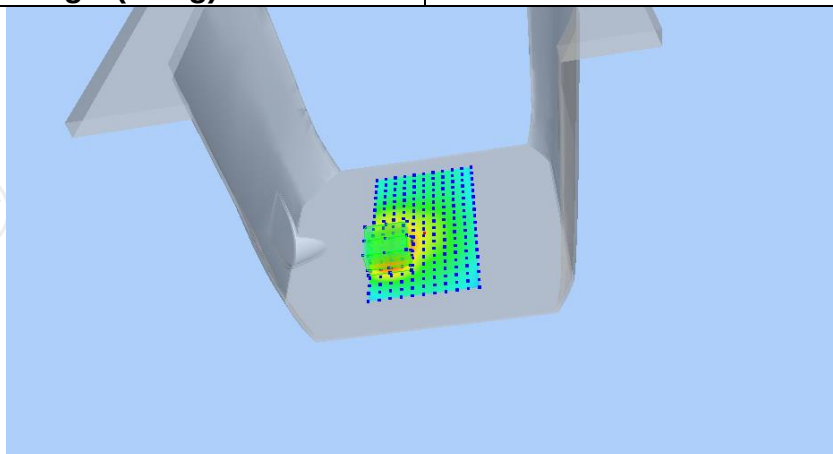
Maximum location: X=-25.00, Y=-29.00 SAR Peak: 0.67 W/kg

SAR 10g (W/Kg)

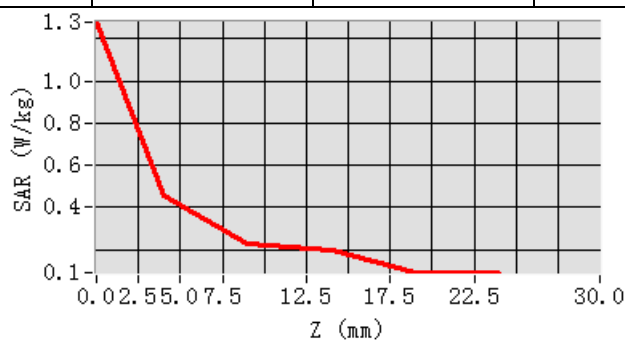
0.275212

SAR 1g (W/Kg)

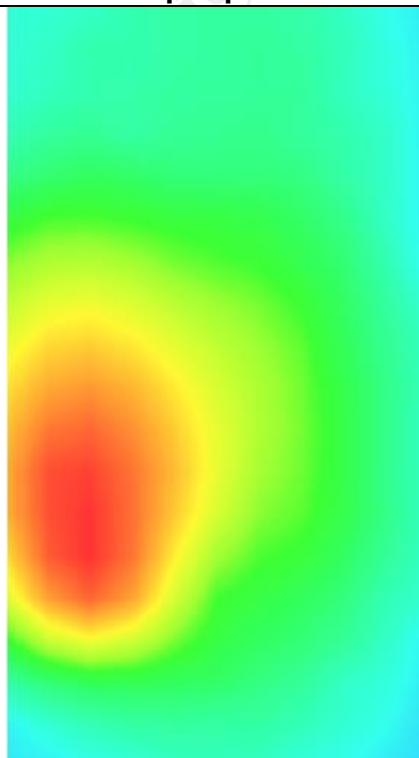
0.462445



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.2790	0.4585	0.2276	0.1998	0.0922



Hot spot position

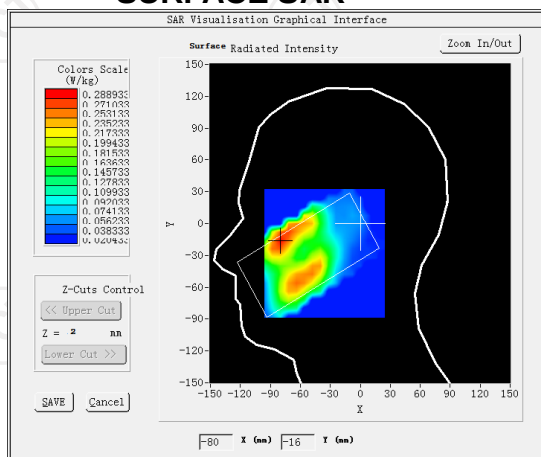


LTE Band 71

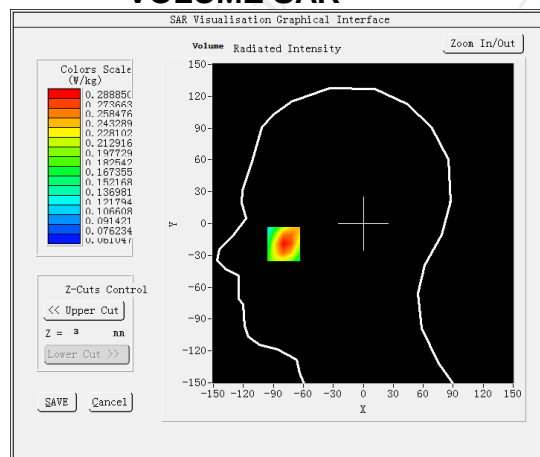
MEASUREMENT 1

Middle Band SAR (Channel 133322):		Date: 02/25/2022
Frequency (MHz)	683.000000	
Relative permittivity (real part)	41.432976	
Relative permittivity (imaginary part)	12.468860	
Conductivity (S/m)	0.862835	
Variation (%)	3.170000	
Crest Factor	1.0	
Probe Conversion factor	1.80	
E-Field Probe:	SSE2 (SN 36/20 EPG0346)	
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 71(1 RB#49)	

SURFACE SAR

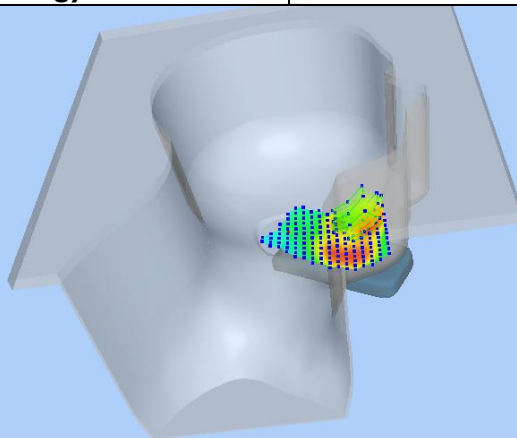


VOLUME SAR

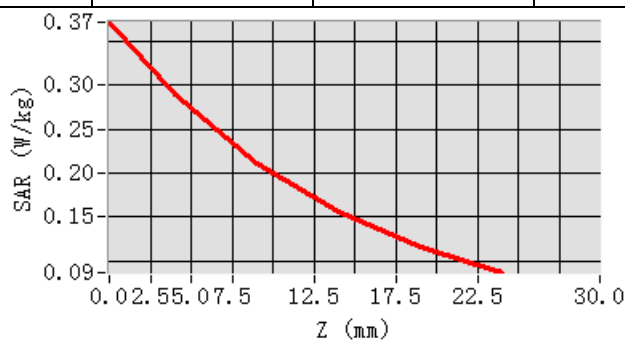


Maximum location: X=-80.00, Y=-16.00 SAR Peak: 0.38 W/kg

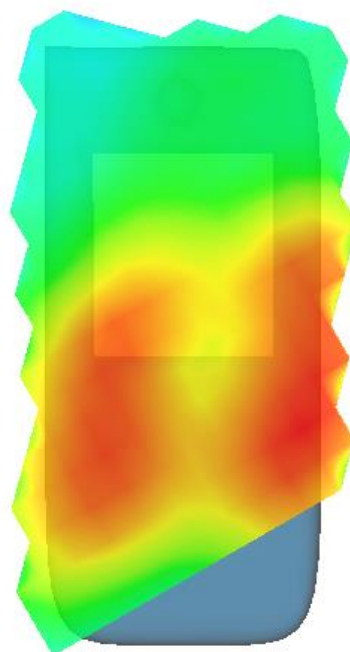
SAR 10g (W/Kg)	0.191091
SAR 1g (W/Kg)	0.276323



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3720	0.2888	0.2107	0.1555	0.1167



Hot spot position



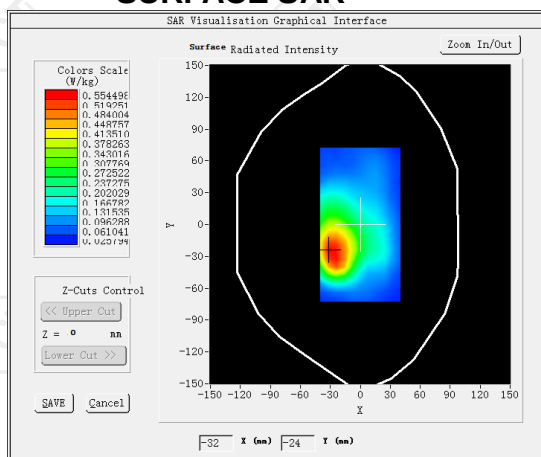
MEASUREMENT 2

Middle Band SAR (Channel 133322):

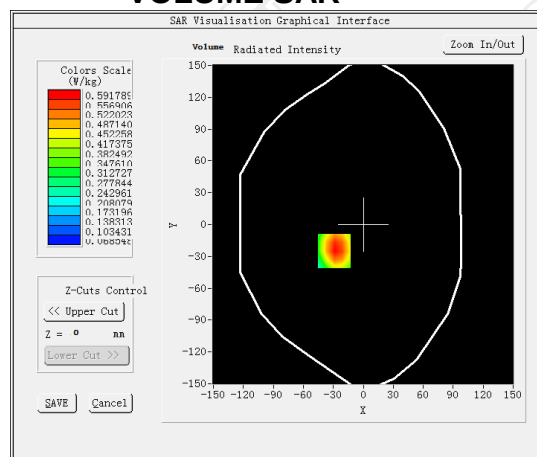
Date: 02/25/2022

Frequency (MHz)	673.000000
Relative permittivity (real part)	55.260832
Relative permittivity (imaginary part)	12.468860
Conductivity (S/m)	0.934272
Variation (%)	-1.830000
Crest Factor	1.0
Probe Conversion factor	1.86
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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 71 (1 RB#49)</u>

SURFACE SAR



VOLUME SAR



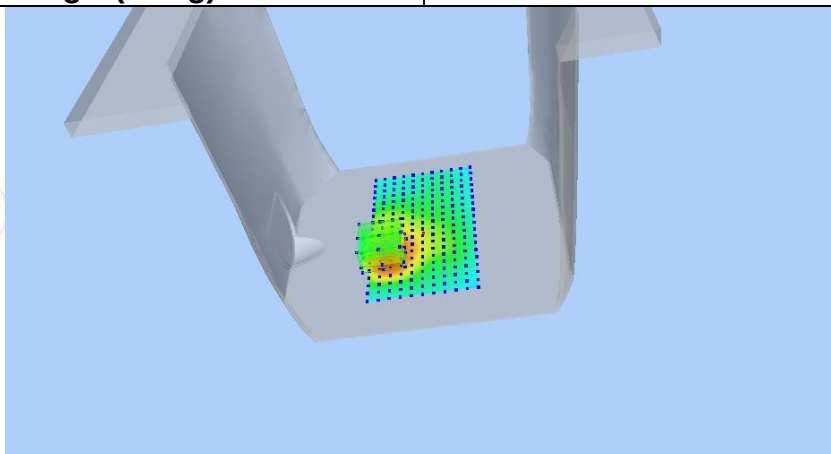
Maximum location: X=-29.00, Y=-25.00 SAR Peak: 0.84 W/kg

SAR 10g (W/Kg)

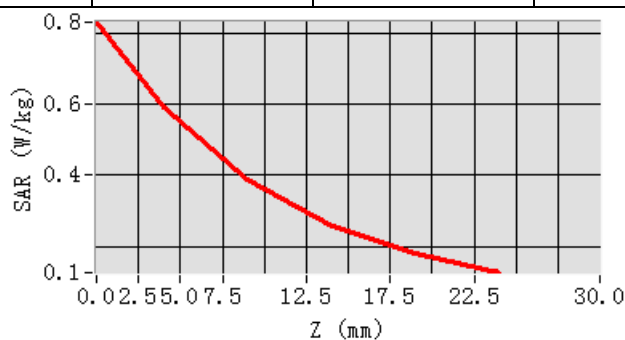
0.366701

SAR 1g (W/Kg)

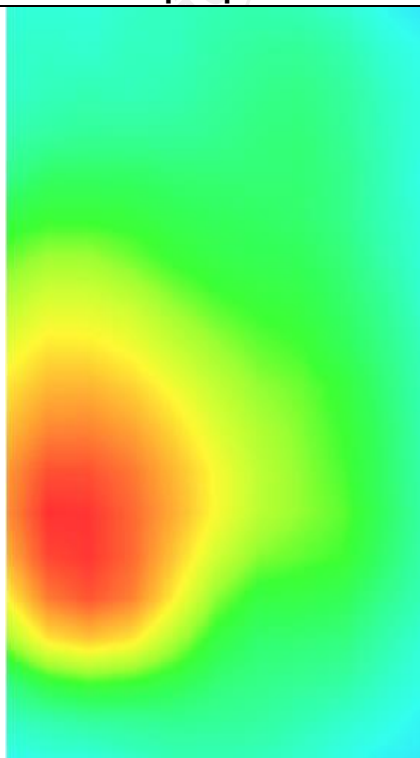
0.567436



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.8293	0.5918	0.3879	0.2603	0.1821



Hot spot position



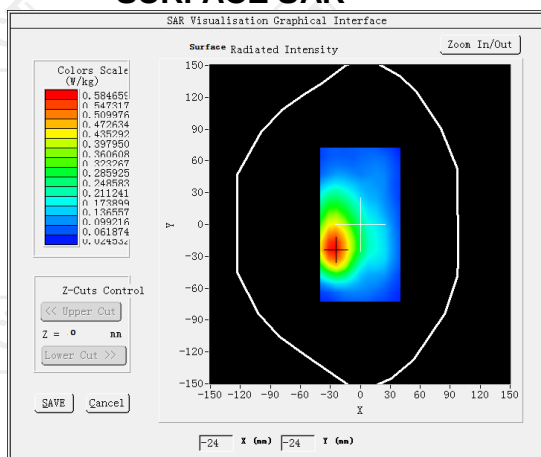
MEASUREMENT 3

Middle Band SAR (Channel 133322):

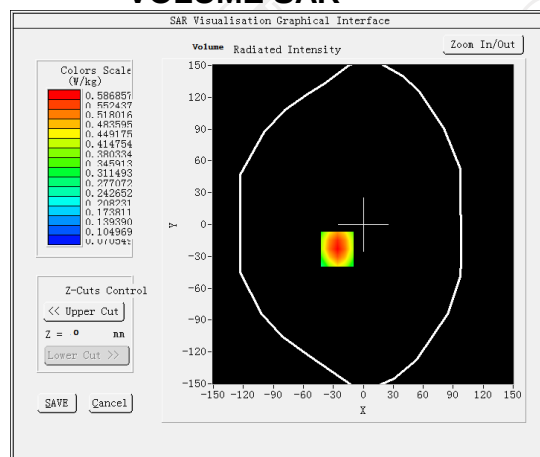
Date: 02/25/2022

Frequency (MHz)	683.000000
Relative permittivity (real part)	55.260832
Relative permittivity (imaginary part)	12.468860
Conductivity (S/m)	0.934272
Variation (%)	-0.130000
Crest Factor	1.0
Probe Conversion factor	1.86
E-Field Probe:	SSE2 (SN 36/20 EPG0346)
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	<u>Body back(hotspot 10mm)</u>
Band	<u>LTE band 71(1 RB#49)</u>

SURFACE SAR

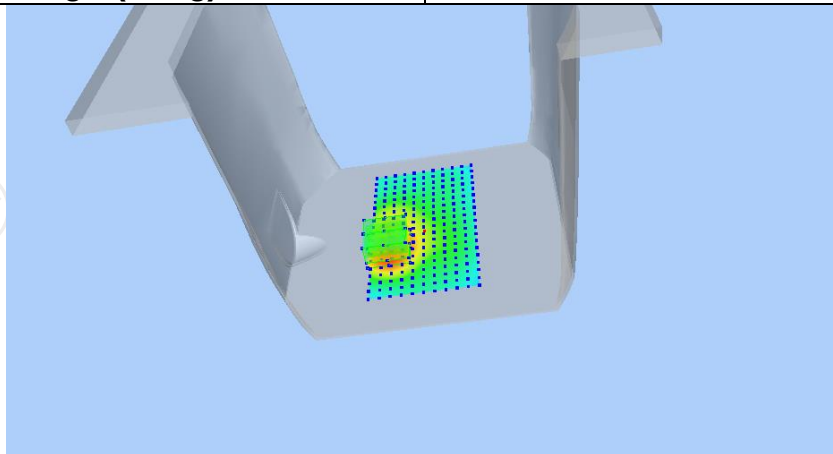


VOLUME SAR

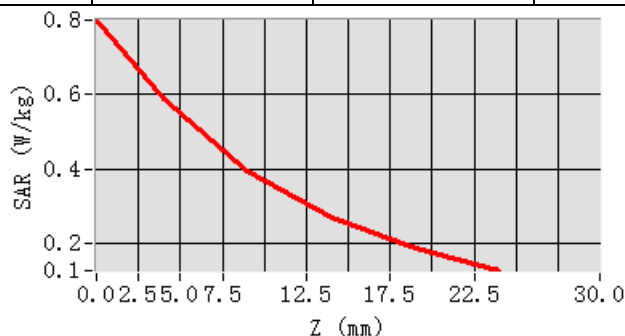


Maximum location: X=-26.00, Y=-23.00 SAR Peak: 0.80 W/kg

SAR 10g (W/Kg)	0.365667
SAR 1g (W/Kg)	0.559380



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.8009	0.5869	0.3955	0.2685	0.1852



Hot spot position

