

LTE Band 7 QPSK (20MHz)	Front	1	0.32	0.18	0.29	0.61	N/A	N/A
		1	0.30	0.18	0.29	0.59	N/A	N/A
	Back	1	0.51	0.34	0.46	0.97	N/A	N/A
		1	0.50	0.34	0.46	0.96	N/A	N/A
	Right	1	0.01	0.01	0.03	0.04	N/A	N/A
		1	0.01	0.01	0.03	0.04	N/A	N/A
	Left	1	0.01	/	/	0.01	N/A	N/A
		1	0.01	/	/	0.01	N/A	N/A
	Bottom	1	0.02	/	/	0.02	N/A	N/A
		1	0.02	/	/	0.02	N/A	N/A
	Top	1	/	0.01	0.02	0.02	N/A	N/A
		1	/	0.01	0.02	0.02	N/A	N/A
LTE Band 12 QPSK (10MHz)	Front	1	0.18	0.18	0.29	0.47	N/A	N/A
		1	0.14	0.18	0.29	0.43	N/A	N/A
	Back	1	0.33	0.34	0.46	0.79	N/A	N/A
		1	0.31	0.34	0.46	0.47	N/A	N/A
	Right	1	0.01	0.01	0.03	0.03	N/A	N/A
		1	0.01	0.01	0.03	0.03	N/A	N/A
	Left	1	0.01	/	/	0.01	N/A	N/A
		1	0.01	/	/	0.01	N/A	N/A
	Bottom	1	0.01	/	/	0.01	N/A	N/A
		1	0.01	/	/	0.01	N/A	N/A
	Top	1	/	0.01	0.02	0.02	N/A	N/A
		1	/	0.01	0.02	0.02	N/A	N/A
LTE Band 17 QPSK (10MHz)	Front	1	0.17	0.18	0.29	0.46	N/A	N/A
		1	0.14	0.18	0.29	0.43	N/A	N/A
	Back	1	0.36	0.34	0.46	0.82	N/A	N/A
		1	0.34	0.34	0.46	0.80	N/A	N/A
	Right	1	0.01	0.01	0.03	0.04	N/A	N/A
		1	0.01	0.01	0.03	0.04	N/A	N/A
	Left	1	0.01	/	/	0.01	N/A	N/A
		1	0.01	/	/	0.01	N/A	N/A
	Bottom	1	0.01	/	/	0.01	N/A	N/A
		1	0.01	/	/	0.01	N/A	N/A
	Top	1	/	0.01	0.02	0.02	N/A	N/A
		1	/	0.01	0.02	0.02	N/A	N/A

LTE Band 41 QPSK (20MHz)	Front	1	0.31	0.18	0.29	0.60	N/A	N/A
		1	0.30	0.18	0.29	0.59	N/A	N/A
	Back	1	0.51	0.34	0.46	0.97	N/A	N/A
		1	0.46	0.34	0.46	0.92	N/A	N/A
	Right	1	0.02	0.01	0.03	0.05	N/A	N/A
		1	0.02	0.01	0.03	0.05	N/A	N/A
	Left	1	0.01	/	/	0.01	N/A	N/A
		1	0.01	/	/	0.01	N/A	N/A
	Bottom	1	0.04	/	/	0.04	N/A	N/A
		1	0.03	/	/	0.03	N/A	N/A
	Top	1	/	0.01	0.02	0.02	N/A	N/A
		1	/	0.01	0.02	0.02	N/A	N/A

Simultaneous Transmission Conclusion

The above numerical summed SAR results for all the case simultaneous transmission conditions were below the SAR limit. Therefore, the above analysis is sufficient to determine that simultaneous transmission cases will not exceed the SAR limit and therefore measured volumetric simultaneous SAR summation is not required per FCC KDB Publication 447498 D01v05r02.

10.6. Measurement Uncertainty (450MHz-3GHz)

UNCERTAINTY EVALUATION FOR HEADSET SAR									
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	3.00	3.00	∞
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	∞
Test sample related									
Test sample positioning	7.2.2.4.4	2.6	N	1	1	1	2.60	2.60	∞
Device holder uncertainty	7.2.2.4.2 7.2.2.4.3	3	N	1	1	1	3.00	3.00	∞
output power variation-SAR drift measurement	7.2.3.6	5	R	$\sqrt{3}$	1	1	2.89	2.89	∞
SAR scaling	7.2.5	2	R	$\sqrt{3}$	1	1	1.15	1.15	∞
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				10.83	10.54	
Expanded uncertainty (95%CONFIDENCEINTER VAL			k				21.26	21.08	

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	

10.7. Test Equipment List

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

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

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

3. The dipole was not damaged properly repaired.

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

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

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

11. System Check Results

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

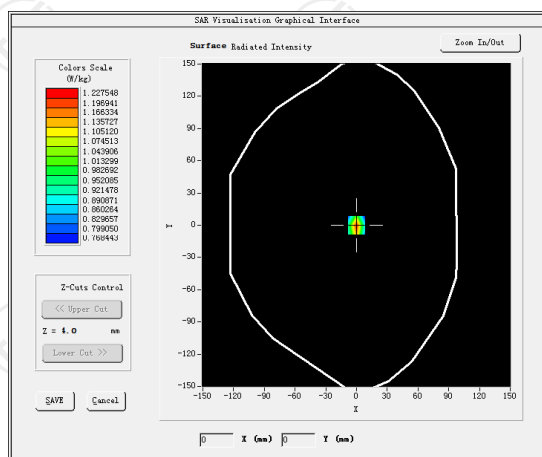
Product Description: Validation

Dipole Model: SID750

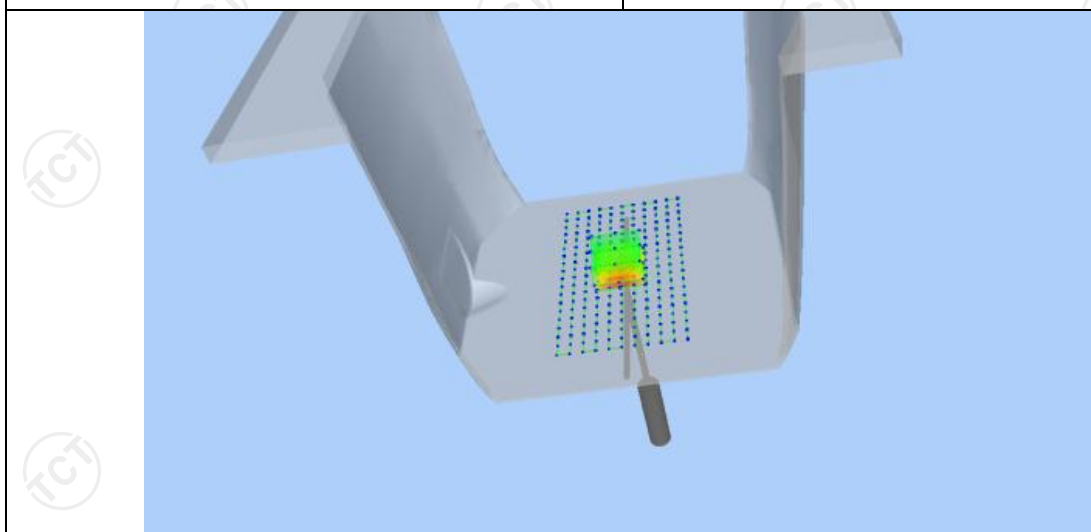
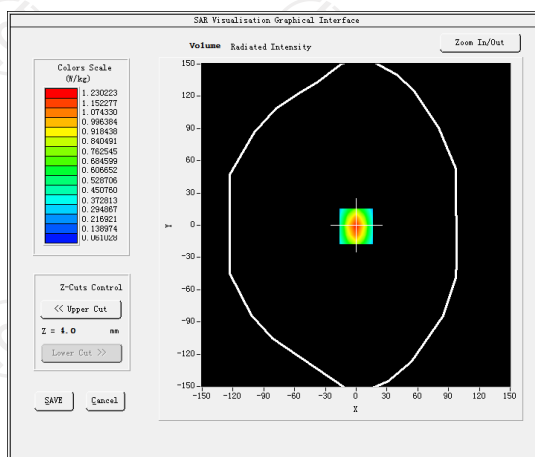
E-Field Probe: SSE2 (SN 25/22 EPGO375)

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

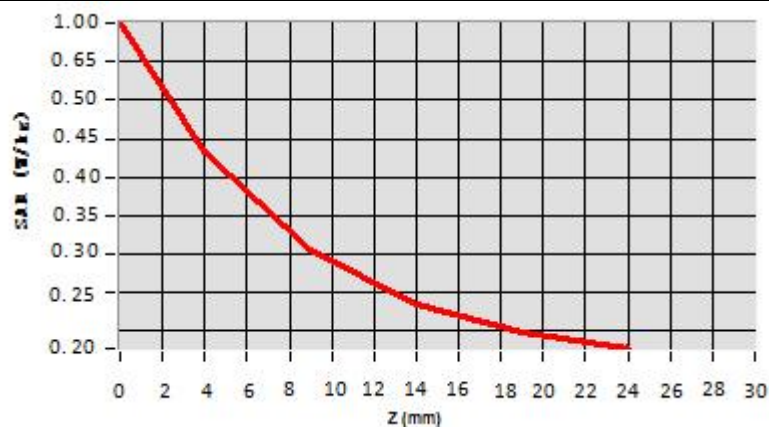
SURFACE SAR



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: 01/16/2024 Test mode: 835 (Head)

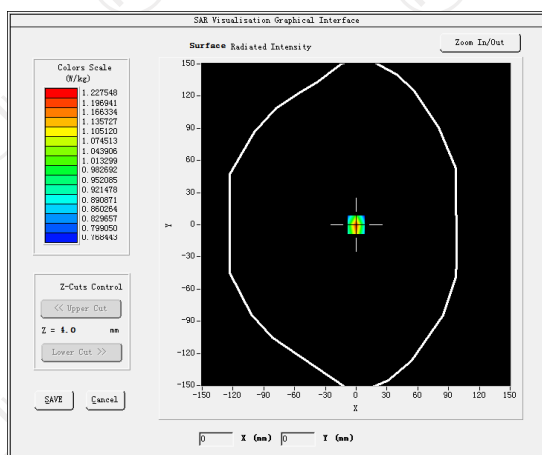
Product Description: Validation

Dipole Model: SID835

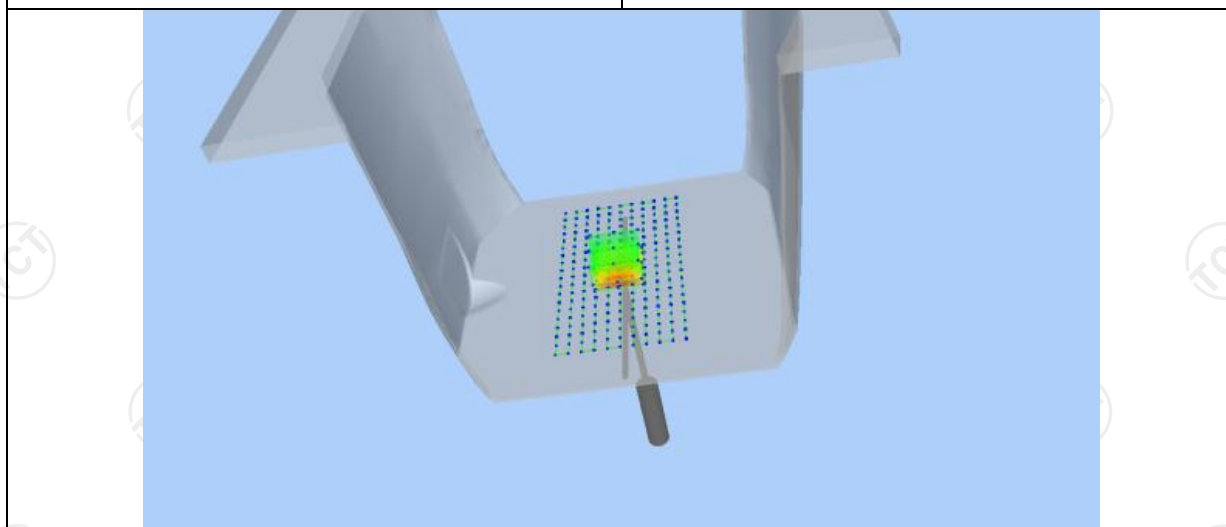
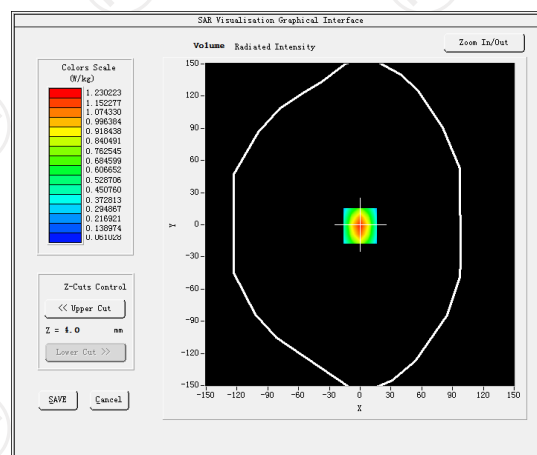
E-Field Probe: SSE2 (SN 25/22 EPGO375)

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

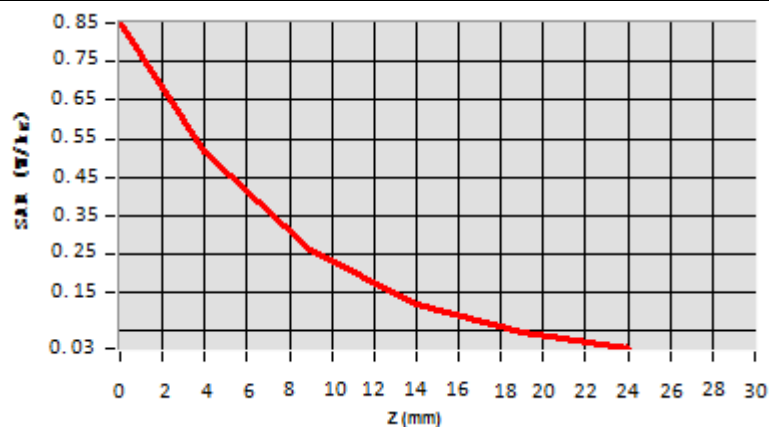
SURFACE SAR



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: 01/19/2024 Test mode: 1800MHz (Head)

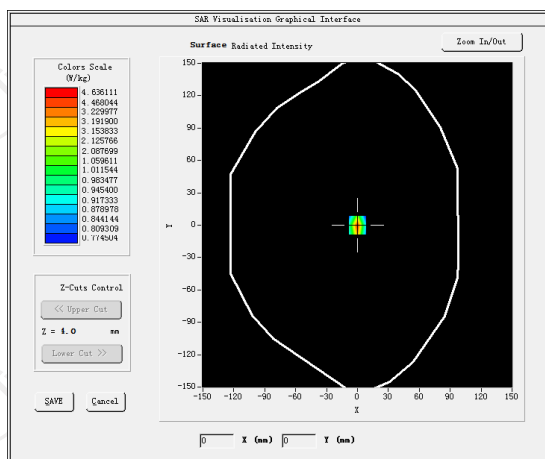
Product Description: Validation

Dipole Model: SID1800

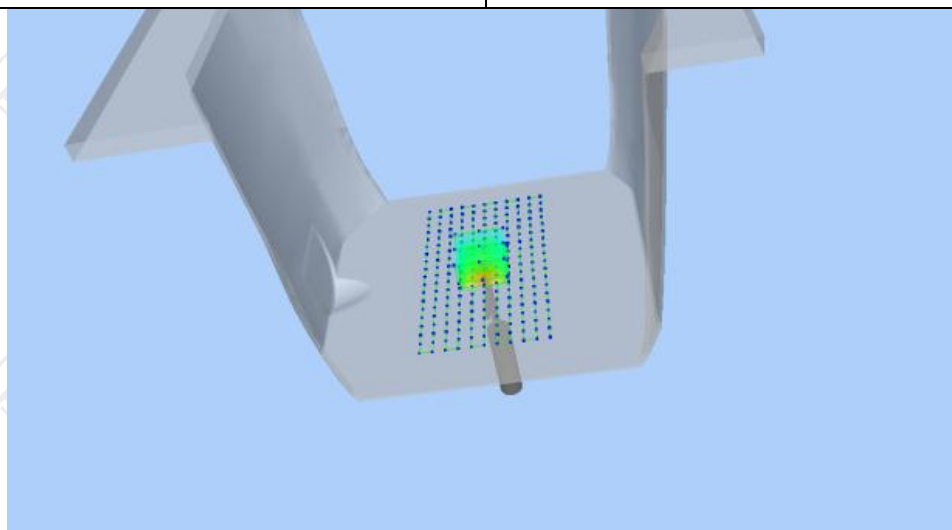
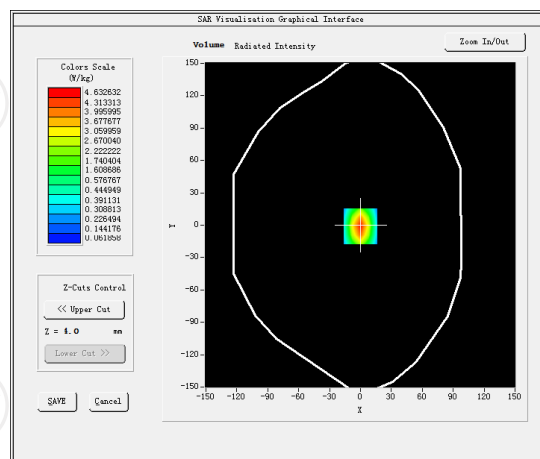
E-Field Probe: SSE2 (SN 25/22 EPGO375)

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

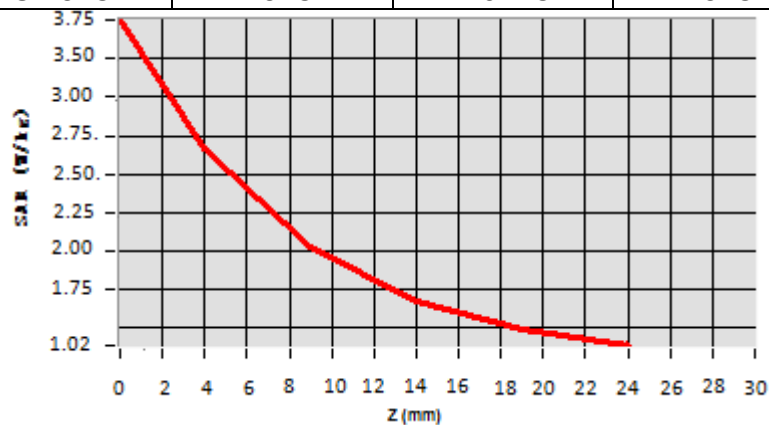
SURFACE SAR



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

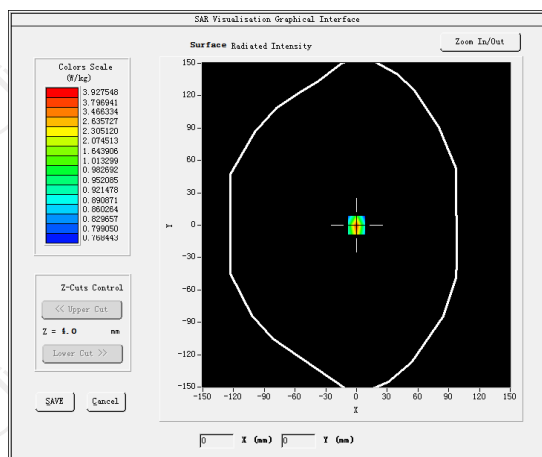
Product Description: Validation

Dipole Model: SID1900

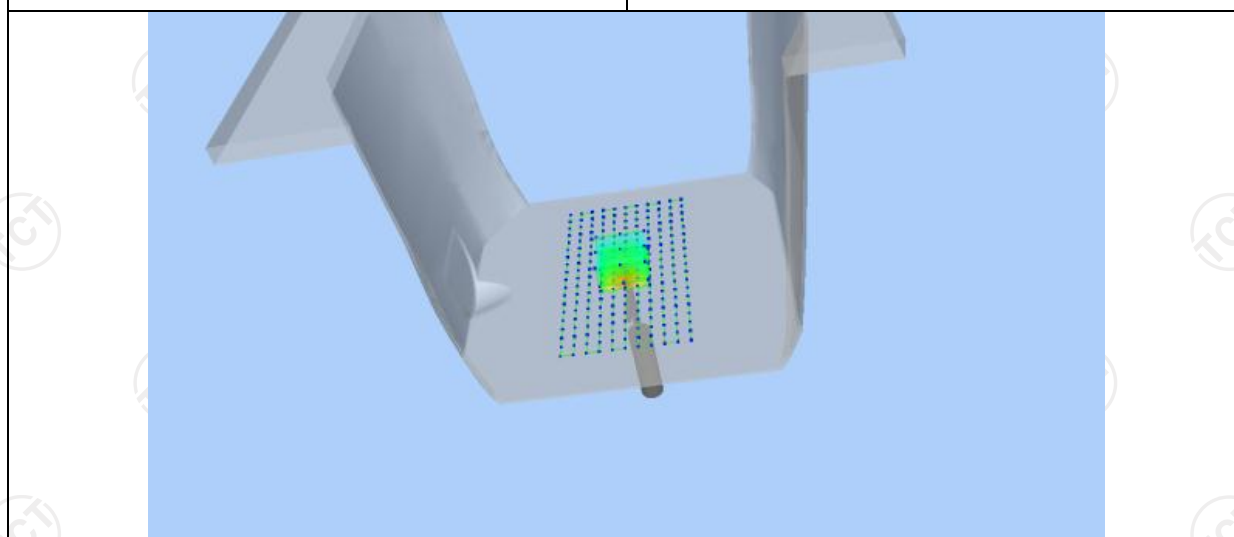
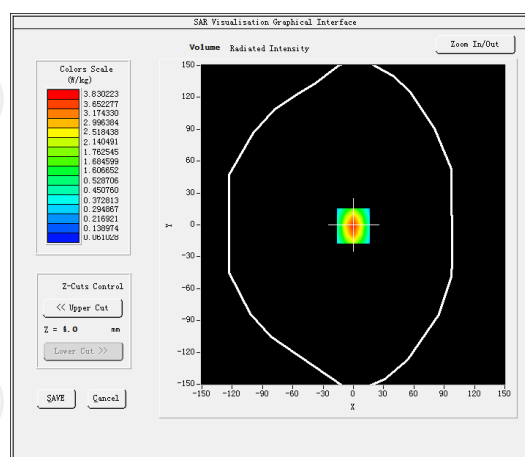
E-Field Probe: SSE2 (SN 25/22 EPGO375)

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

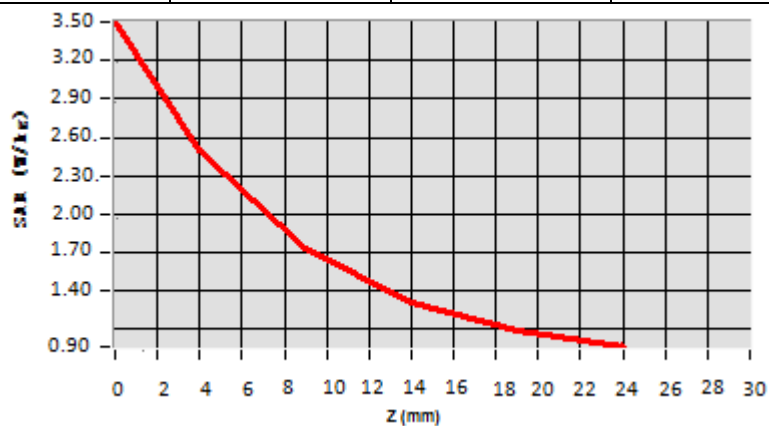
SURFACE SAR



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



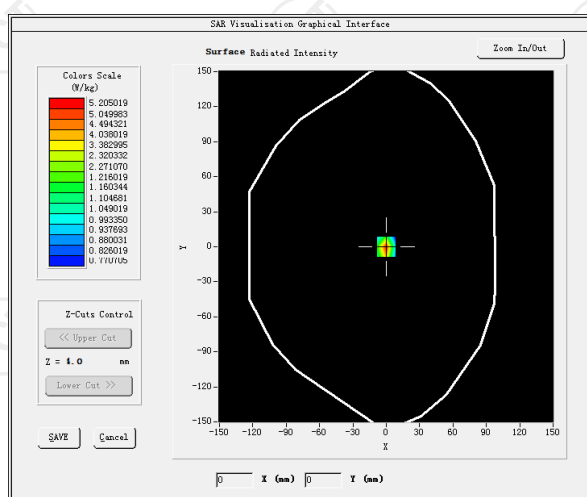
Hot spot position



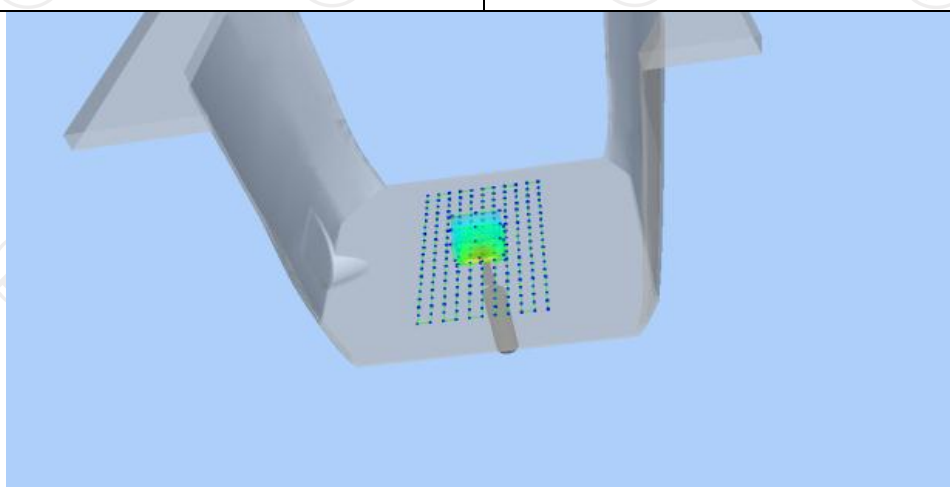
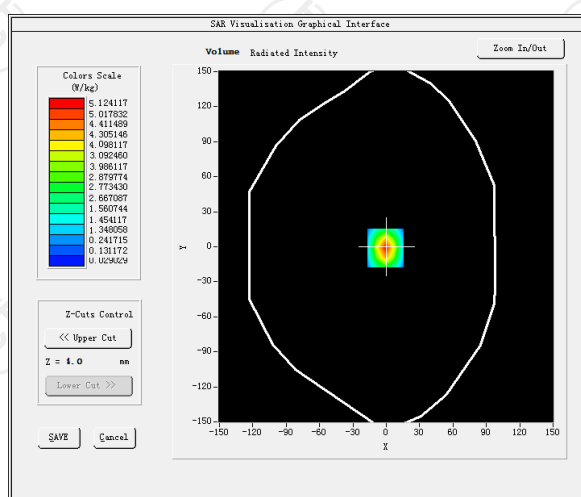
Date of measurement: 01/25/2024 Test mode: 2450MHz (Head)
 Product Description: Validation
 Dipole Model: SID2450
 E-Field Probe: SSE2 (SN 25/22 EPGO375)

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

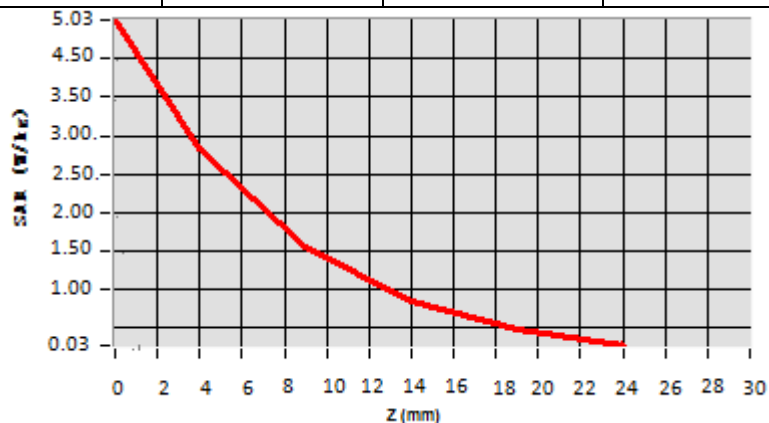
SURFACE SAR



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



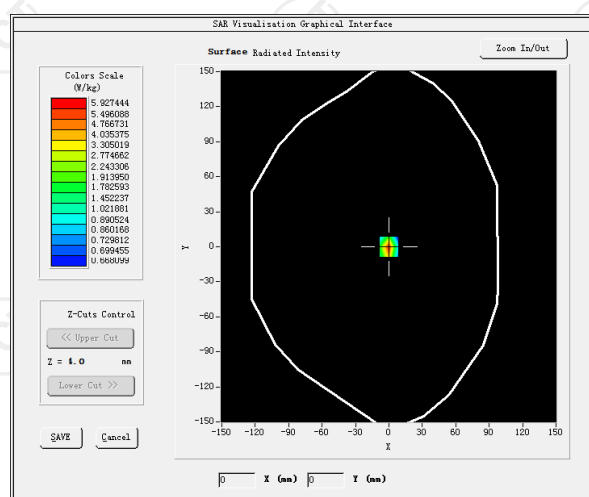
Hot spot position



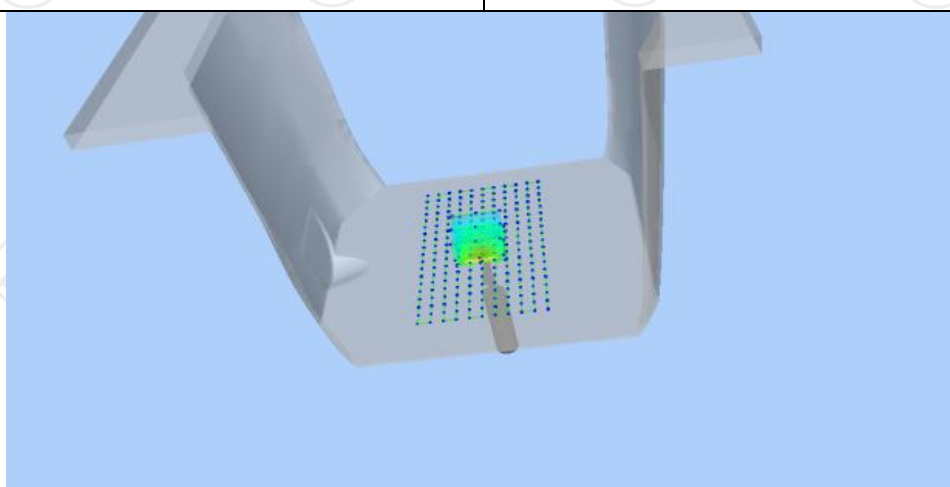
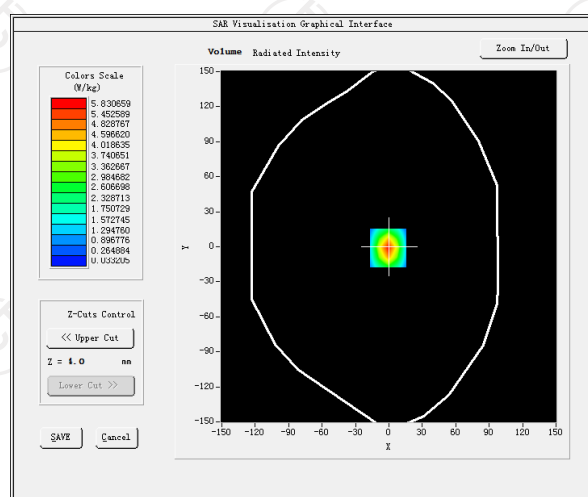
Date of measurement: 01/26/2024 Test mode: 2600MHz (Head)
 Product Description: Validation
 Dipole Model: SID2600
 E-Field Probe: SSE2 (SN 25/22 EPGO375)

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

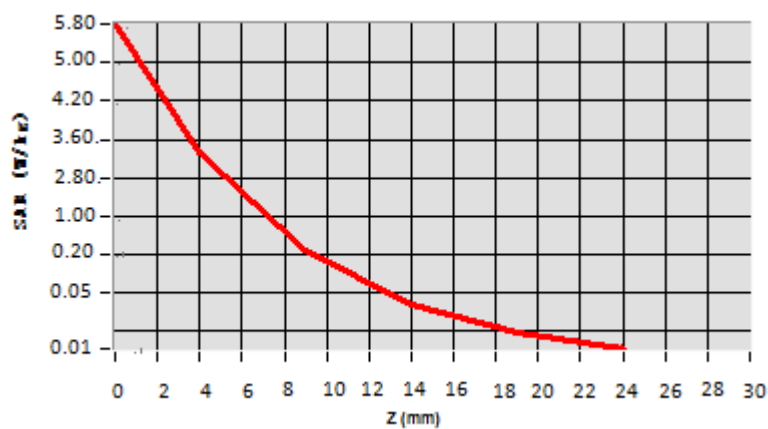
SURFACE SAR



VOLUME SAR



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



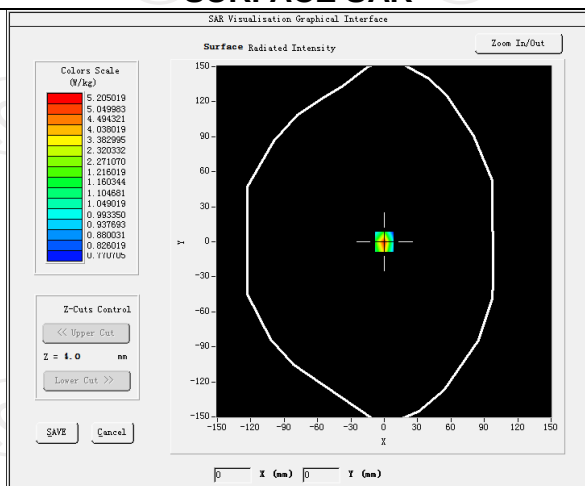
Hot spot position



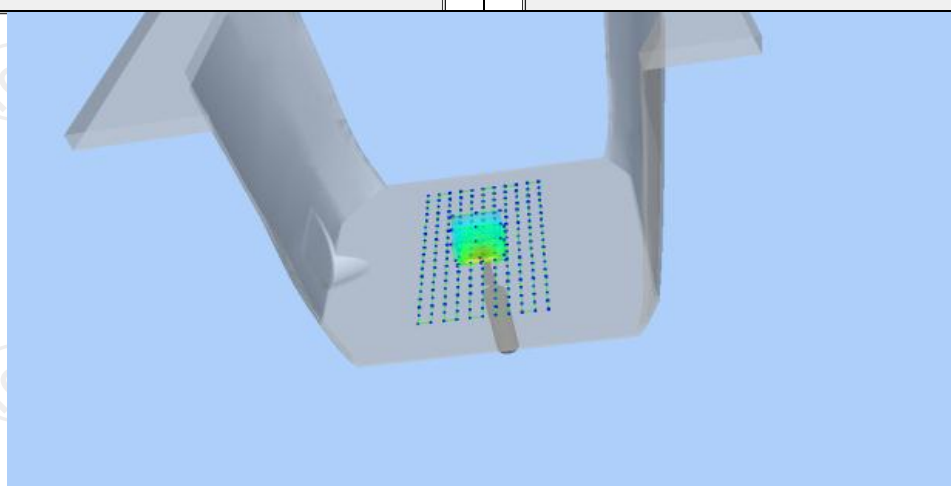
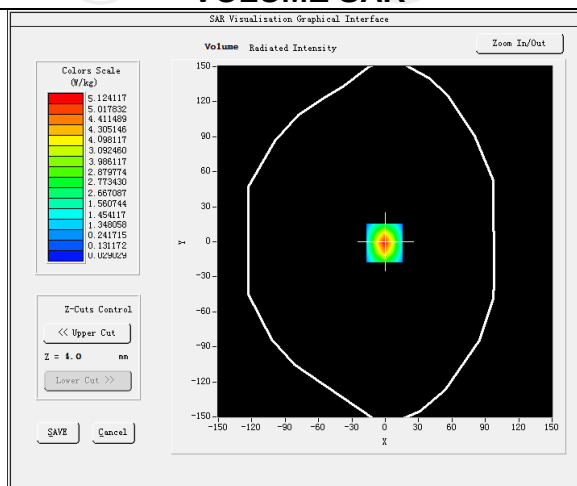
Date of measurement: 02/01/2024 Test mode: 5200MHz (Head)
 Product Description: Validation
 Dipole Model: SID5200
 E-Field Probe: SSE2 (SN 25/22 EPGO375)

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

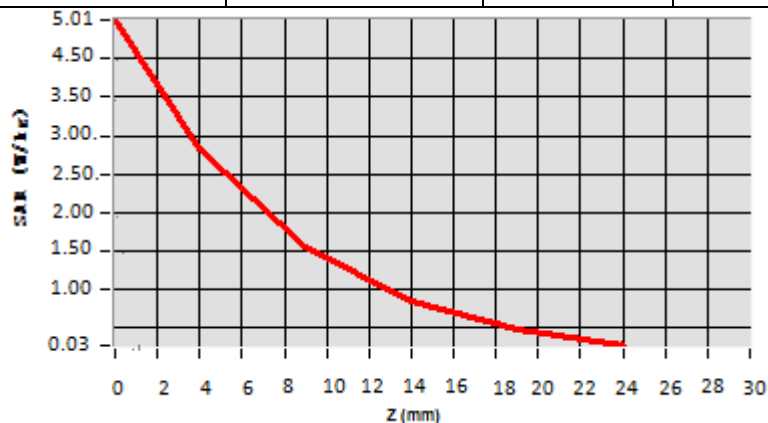
SURFACE SAR



VOLUME SAR



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



Hot spot position



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

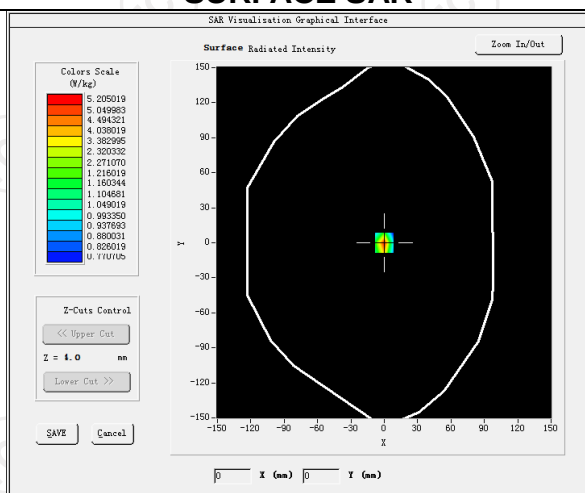
Product Description: Validation

Dipole Model: SID5300

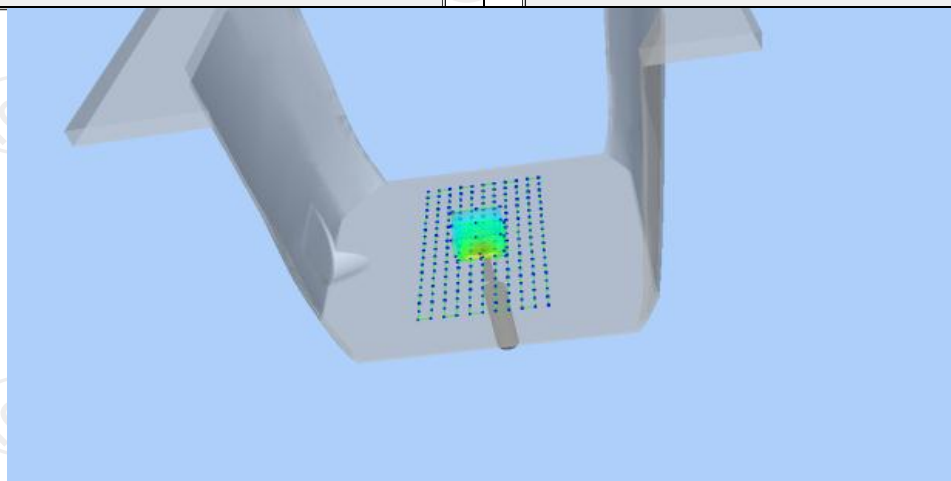
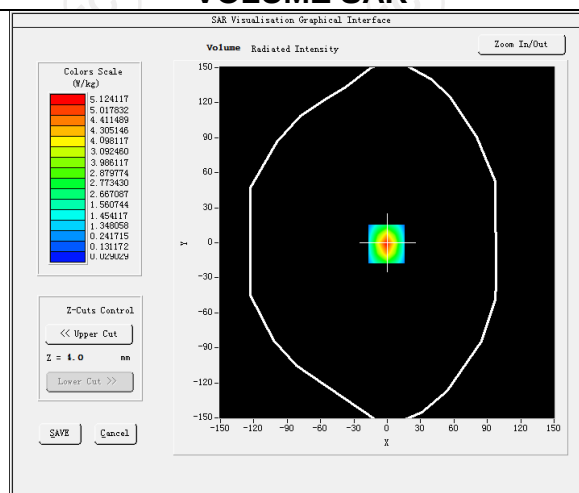
E-Field Probe: SSE2 (SN 25/22 EPGO375)

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

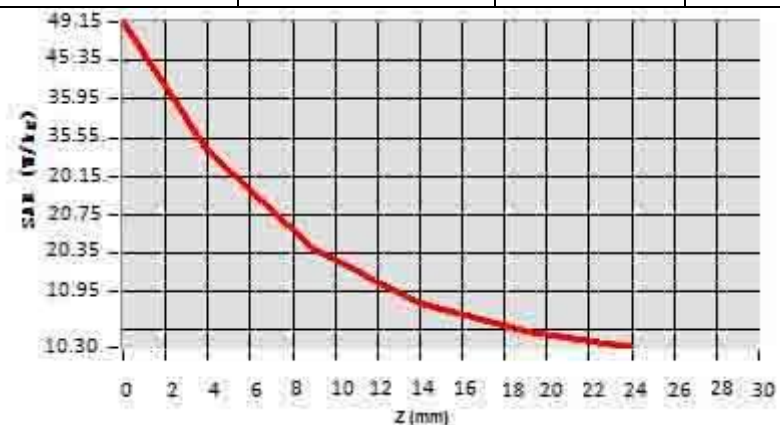
SURFACE SAR



VOLUME SAR



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



Hot spot position



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

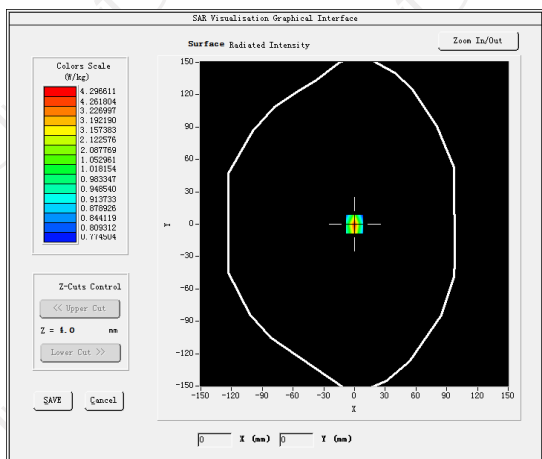
Product Description: Validation

Dipole Model: SID5000

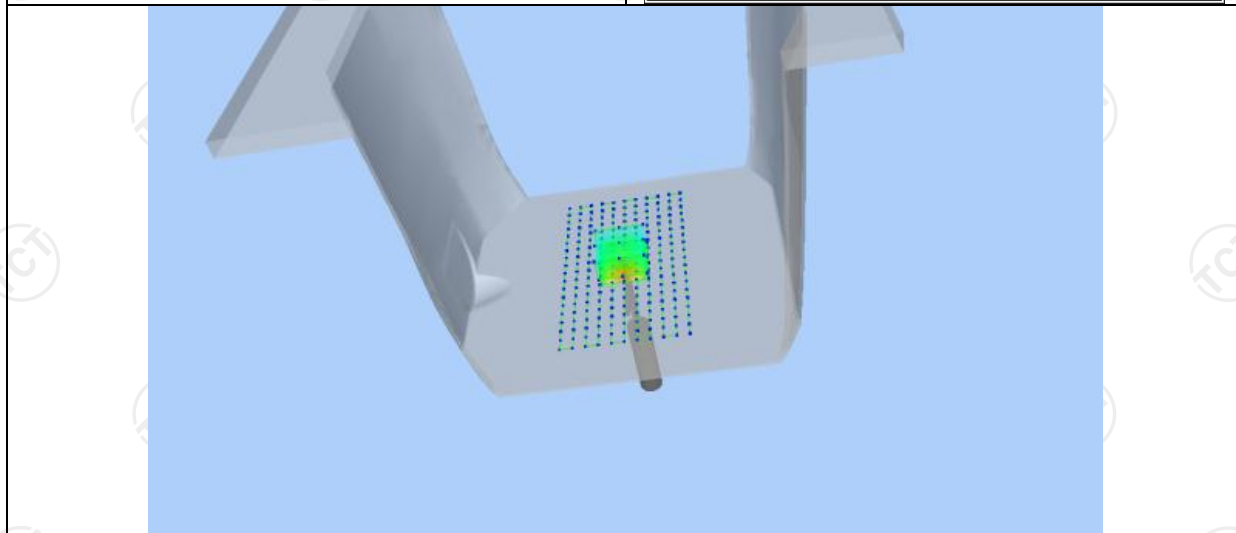
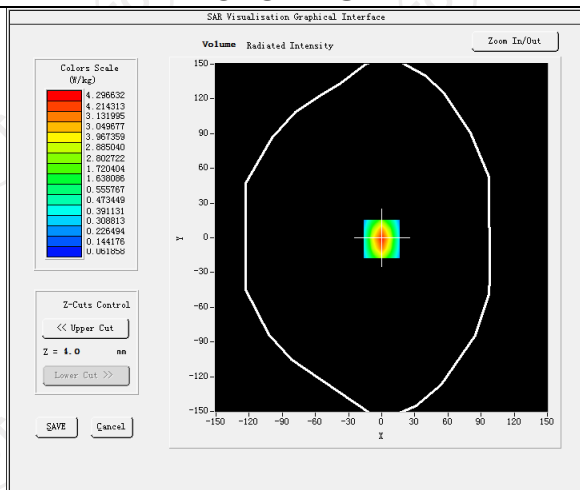
E-Field Probe: SSE2 (SN 25/22 EPGO375)

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

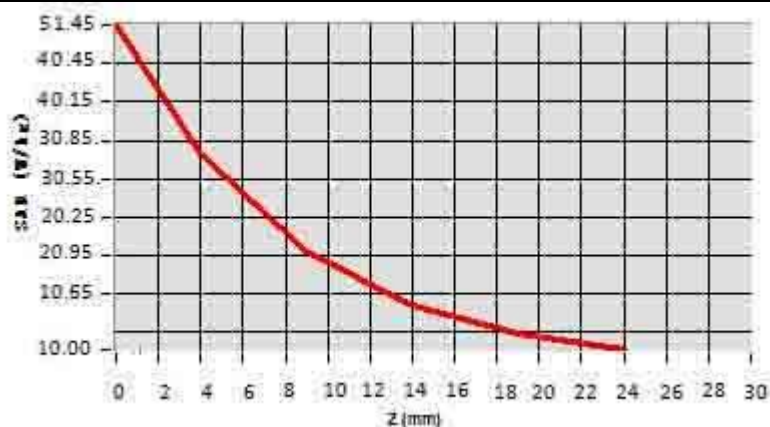
SURFACE SAR



VOLUME SAR



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



Hot spot position



Date of measurement: 02/05/2024 Test mode: 5800MHz (Head)

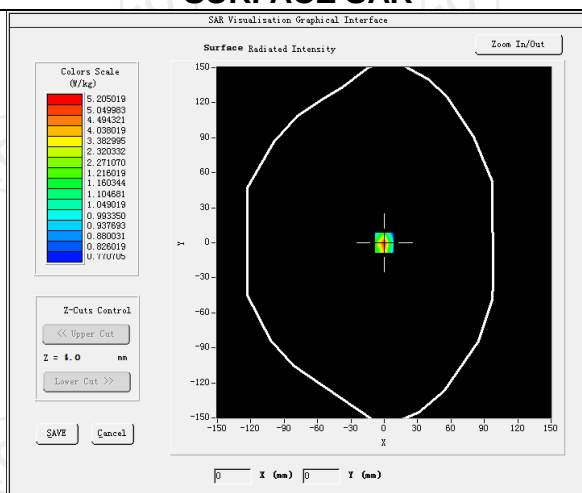
Product Description: Validation

Dipole Model: SID5800

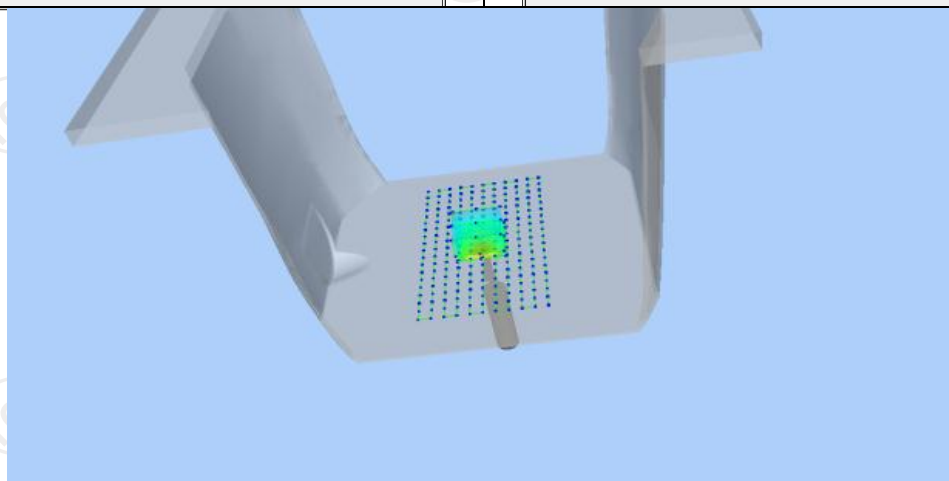
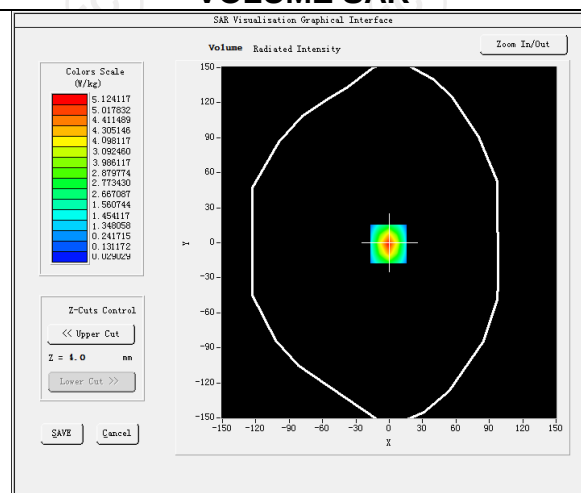
E-Field Probe: SSE2 (SN 25/22 EPGO375)

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

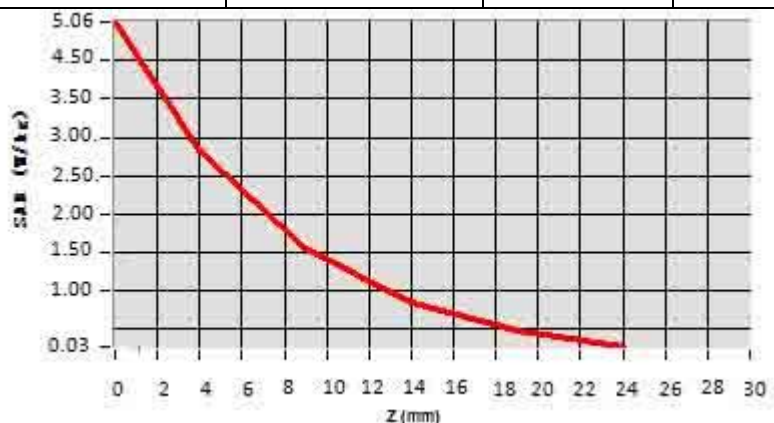
SURFACE SAR



VOLUME SAR



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



Hot spot position



12. SAR Test Data

GSM850

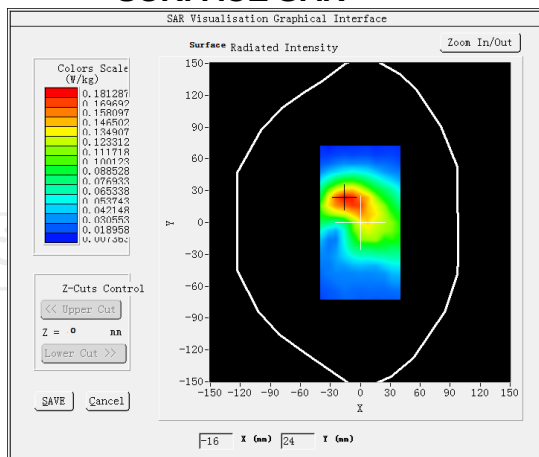
MEASUREMENT 1

High Band SAR (Channel 251):

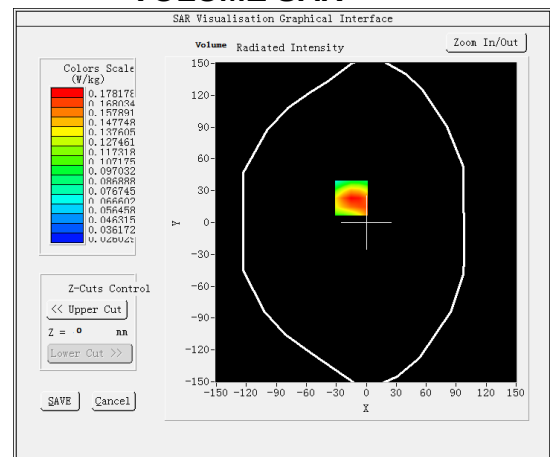
Date: 01/15/2024

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

SURFACE SAR



VOLUME SAR



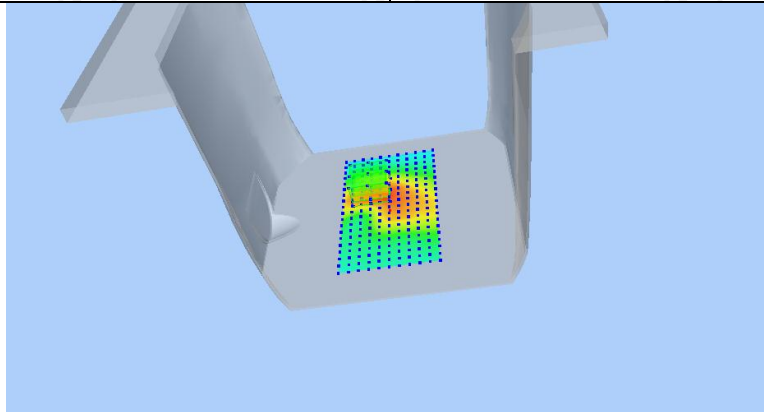
Maximum location: X=-15.00, Y=23.00 SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)

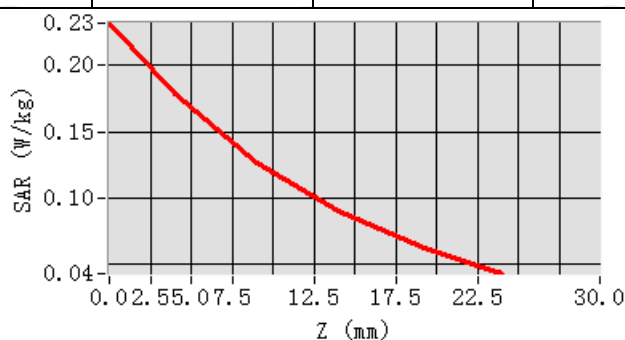
0.102207

SAR 1g (W/Kg)

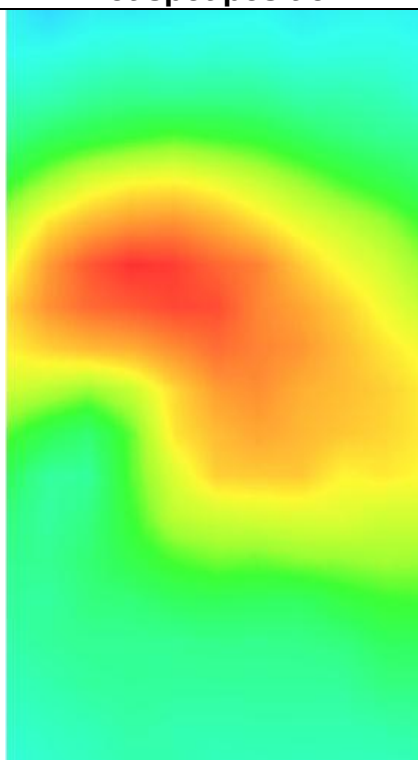
0.130289



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



Hot spot position



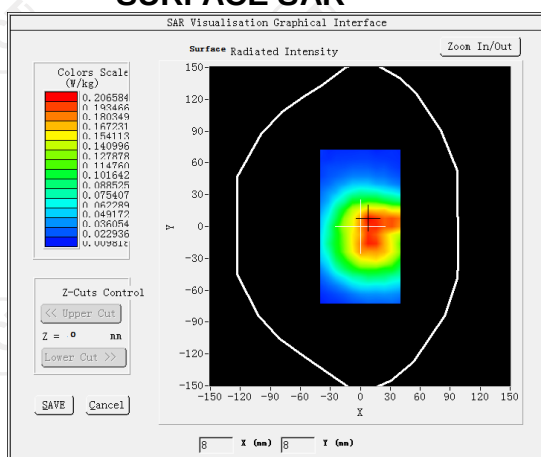
MEASUREMENT 2

High Band SAR (Channel 251):

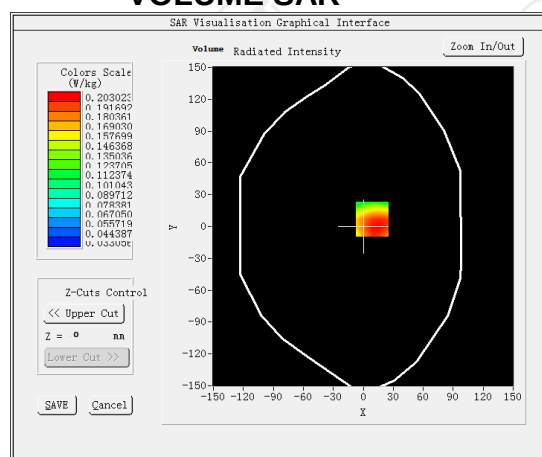
Date: 01/15/2024

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

SURFACE SAR

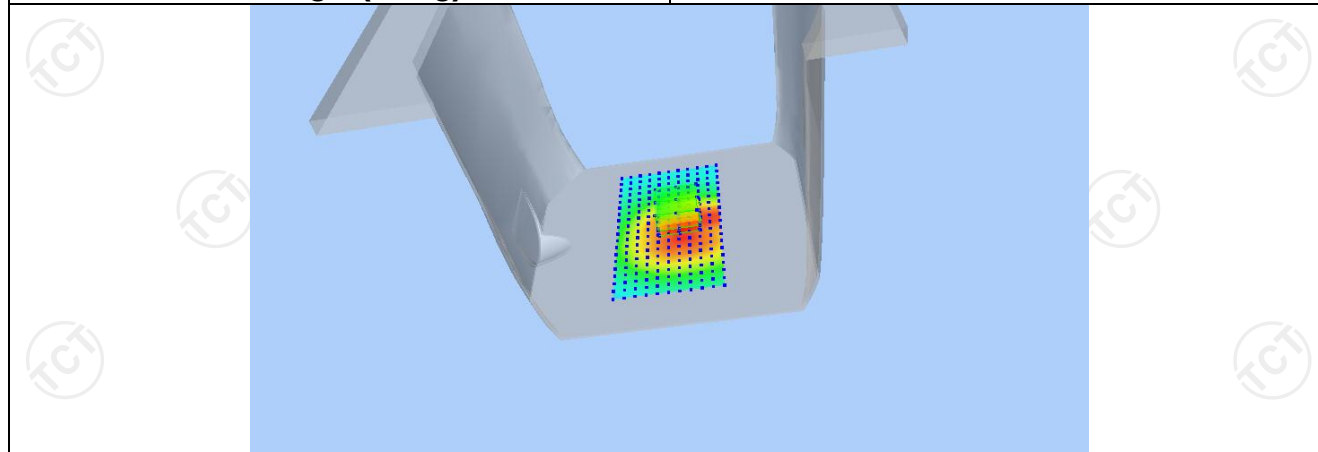


VOLUME SAR

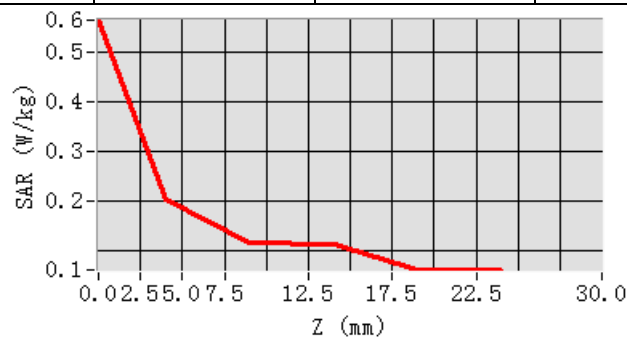


Maximum location: X=9.00, Y=7.00 SAR Peak: 0.56 W/kg

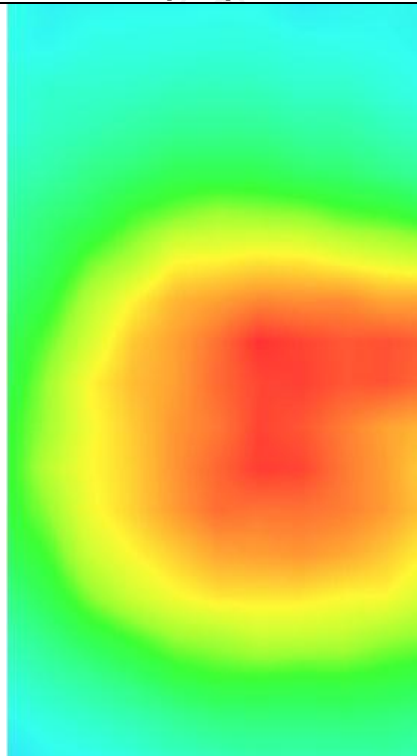
SAR 10g (W/Kg)	0.125462
SAR 1g (W/Kg)	0.302641



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



Hot spot position



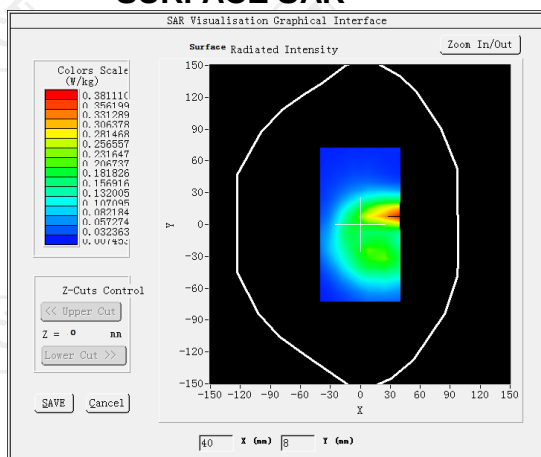
MEASUREMENT 3

High Band SAR (Channel 251):

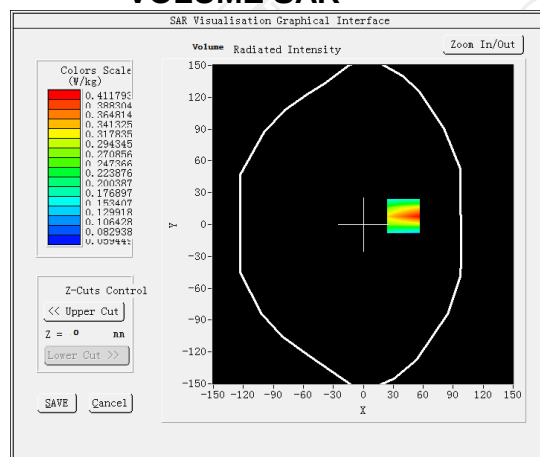
Date: 01/15/2024

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

SURFACE SAR

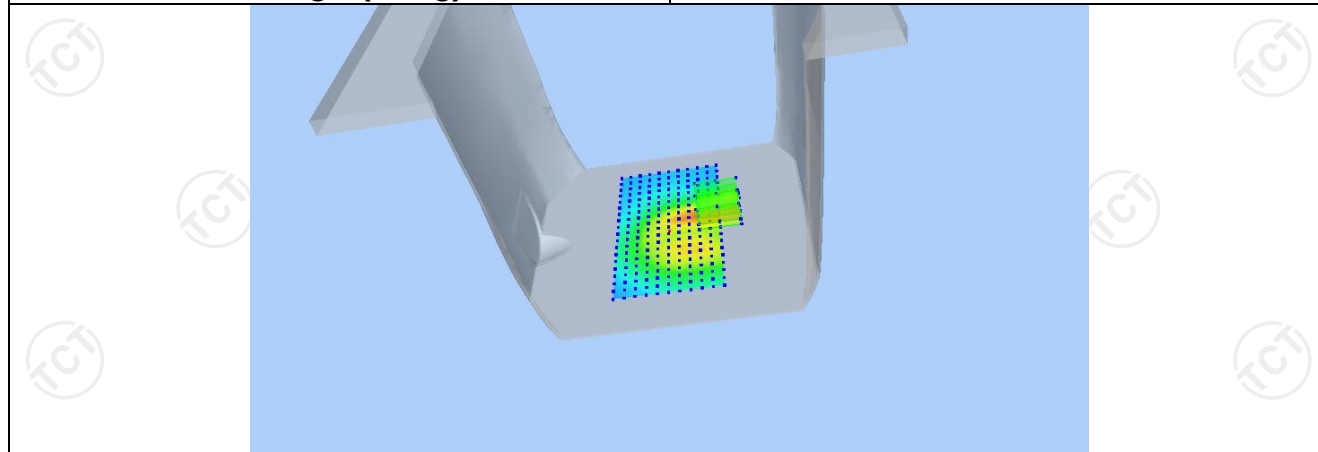


VOLUME SAR

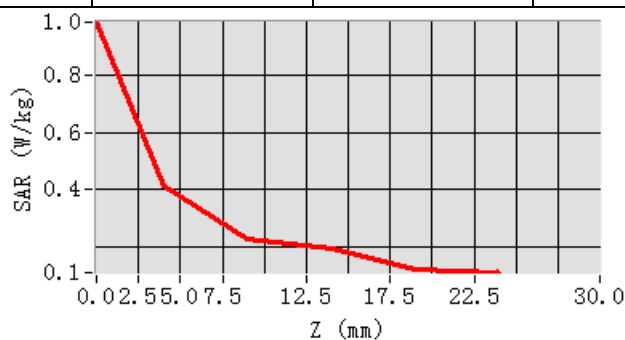


Maximum location: X=40.00, Y=8.00 SAR Peak: 0.57 W/kg

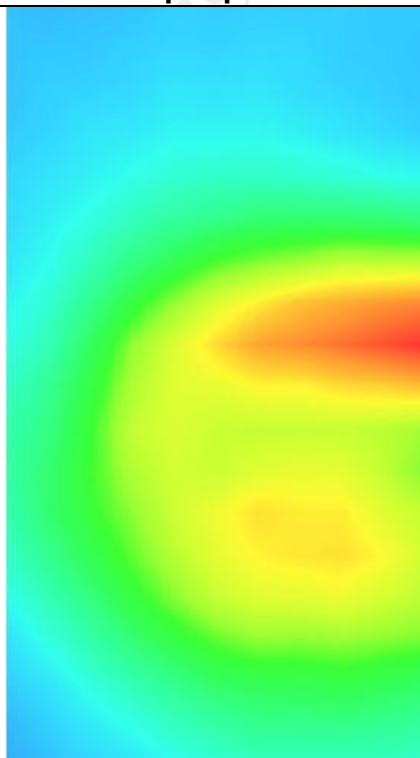
SAR 10g (W/Kg)	0.241544
SAR 1g (W/Kg)	0.381530



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



Hot spot position



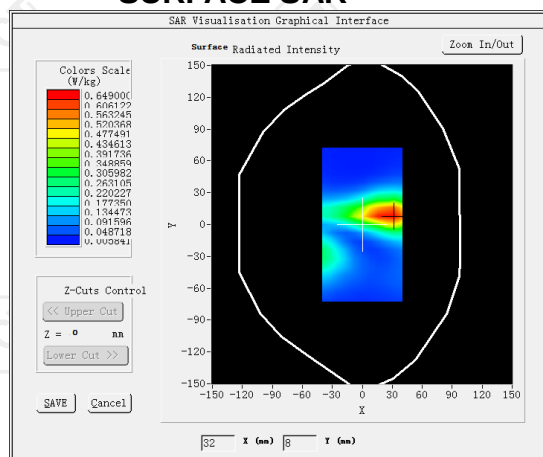
MEASUREMENT 4

High Band SAR (Channel 251):

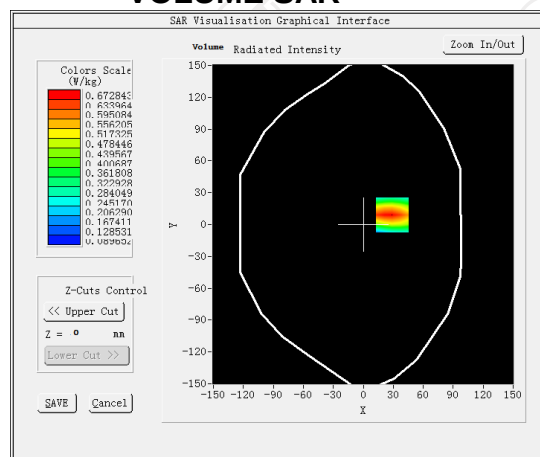
Date: 01/15/2024

Frequency (MHz)	848.800000
Relative permittivity (real part)	41.417760
Relative permittivity (imaginary part)	18.129852
Conductivity (S/m)	0.971230
Variation (%)	1.120000
Crest Factor:	1.0
Probe Conversion factor	1.80
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
Phantom	<u>Validation plane</u>
Device Position	<u>Body back(10mm)</u>
Band	<u>GSM850(GPRS 4slot hotspot)</u>

SURFACE SAR

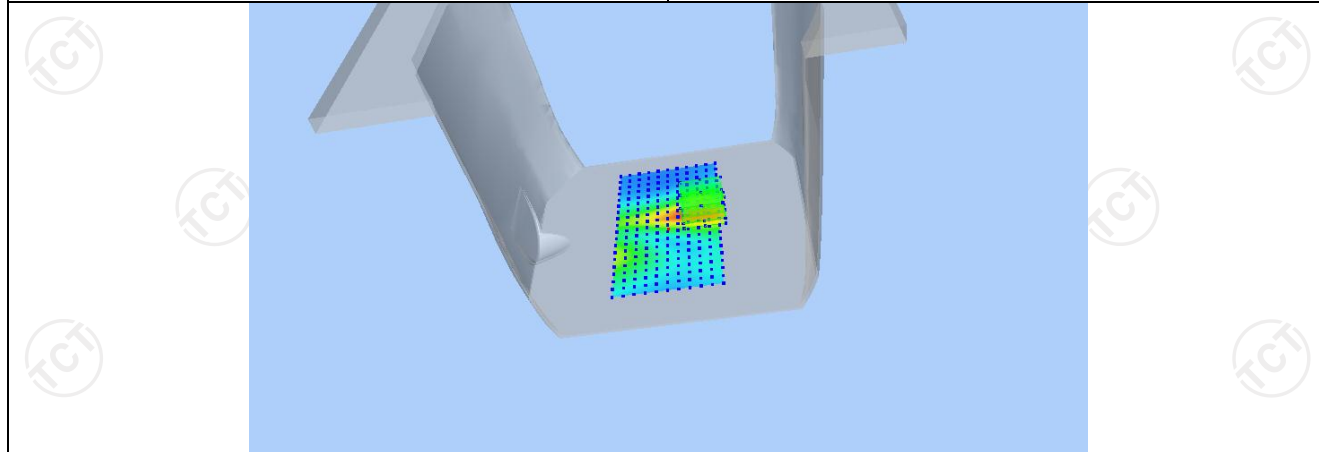


VOLUME SAR

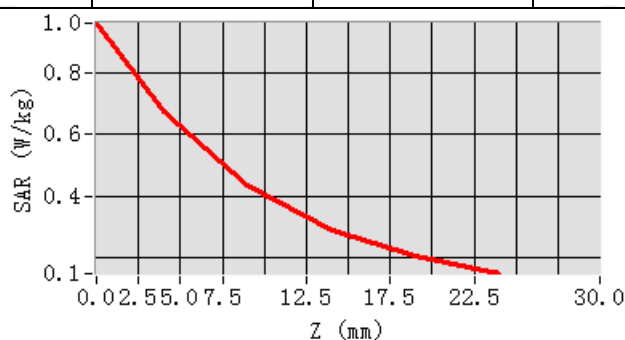


Maximum location: X=29.00, Y=9.00 SAR Peak: 0.98 W/kg

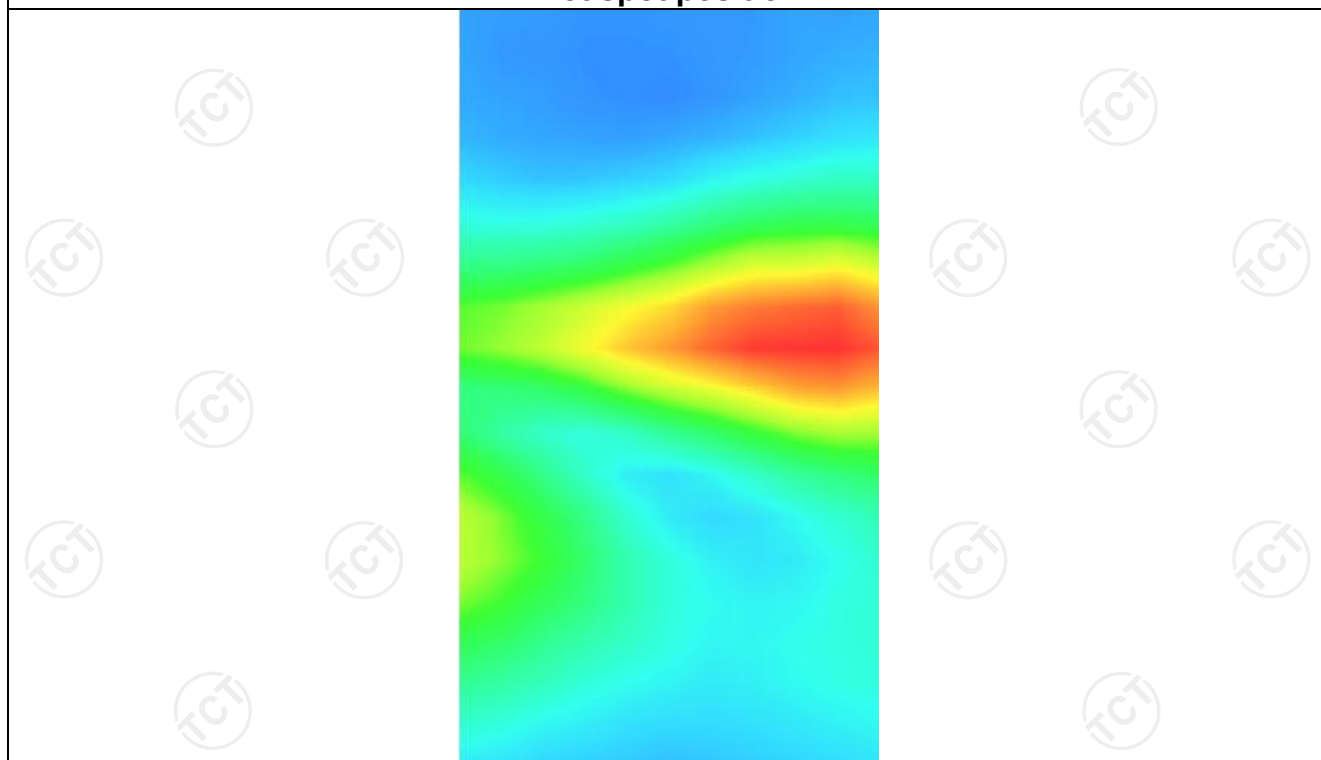
SAR 10g (W/Kg)	0.305128
SAR 1g (W/Kg)	0.557482



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

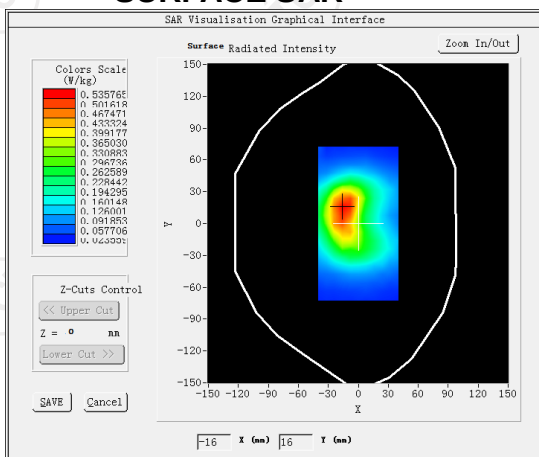
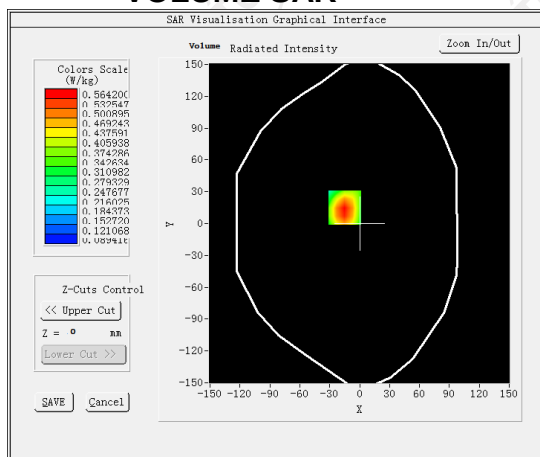
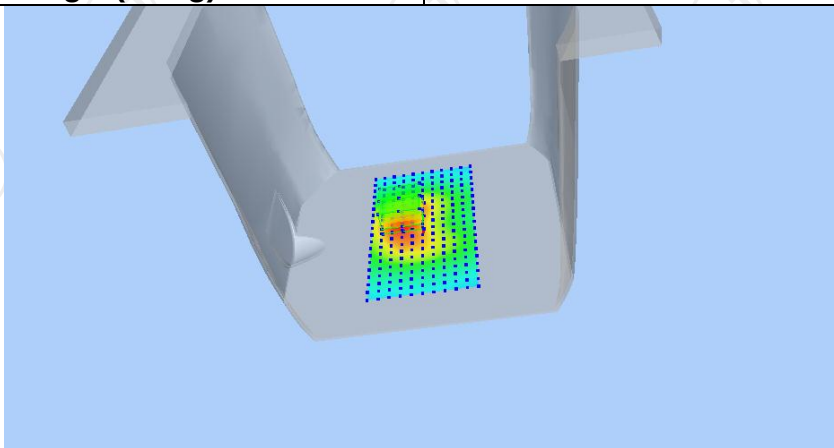


Hot spot position

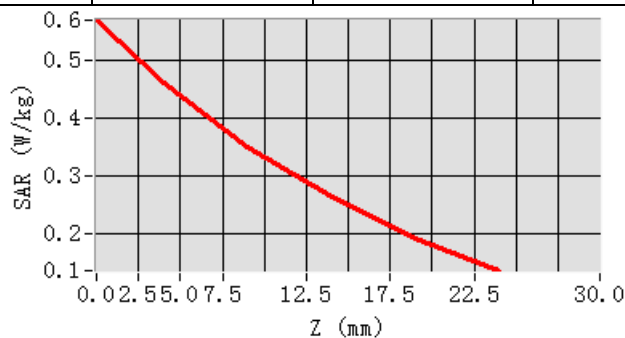


GSM1900

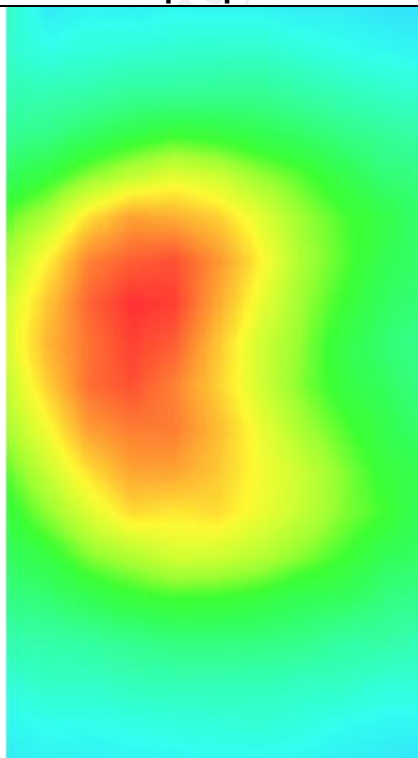
MEASUREMENT 1

Low Band SAR (Channel 512):		Date: 01/23/2024
Frequency (MHz)	1850.200000	
Relative permittivity (real part)	39.076721	
Relative permittivity (imaginary part)	12.607061	
Conductivity (S/m)	1.367609	
Variation (%)	0.870000	
Crest Factor	1.0	
Probe Conversion factor	2.23	
E-Field Probe:	SSE2 (SN 25/22 EPG0375)	
Area Scan	dx=8mm dy=8mm, h= 5.00 mm	
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm	
Phantom	Validation plane	
Device Position	Body front(10mm)	
Band	GSM1900(voice)	
SURFACE SAR		VOLUME SAR
		
Maximum location: X=-15.00, Y=15.00 SAR Peak: 0.58 W/kg		
SAR 10g (W/Kg)	0.221564	
SAR 1g (W/Kg)	0.330571	
		

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



Hot spot position



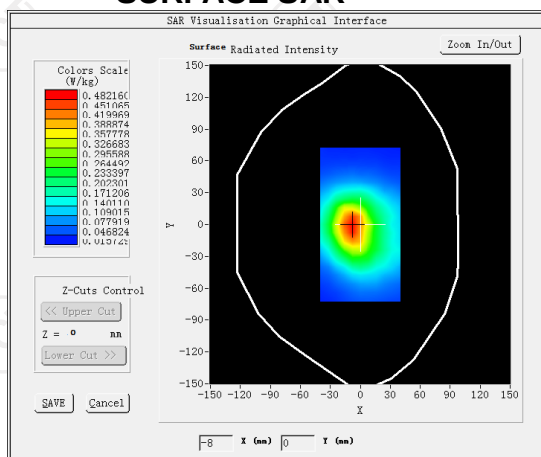
MEASUREMENT 2

Low Band SAR (Channel 512):

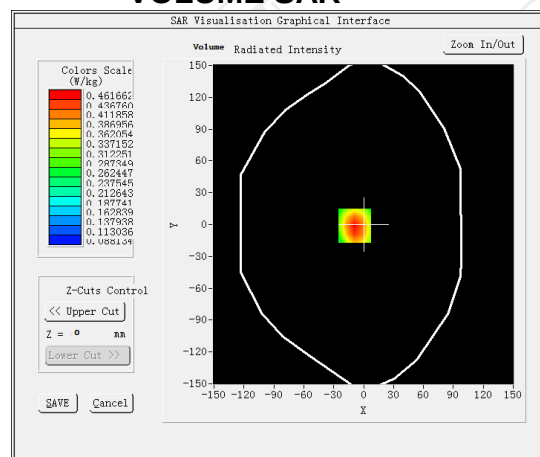
Date: 01/23/2024

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

SURFACE SAR

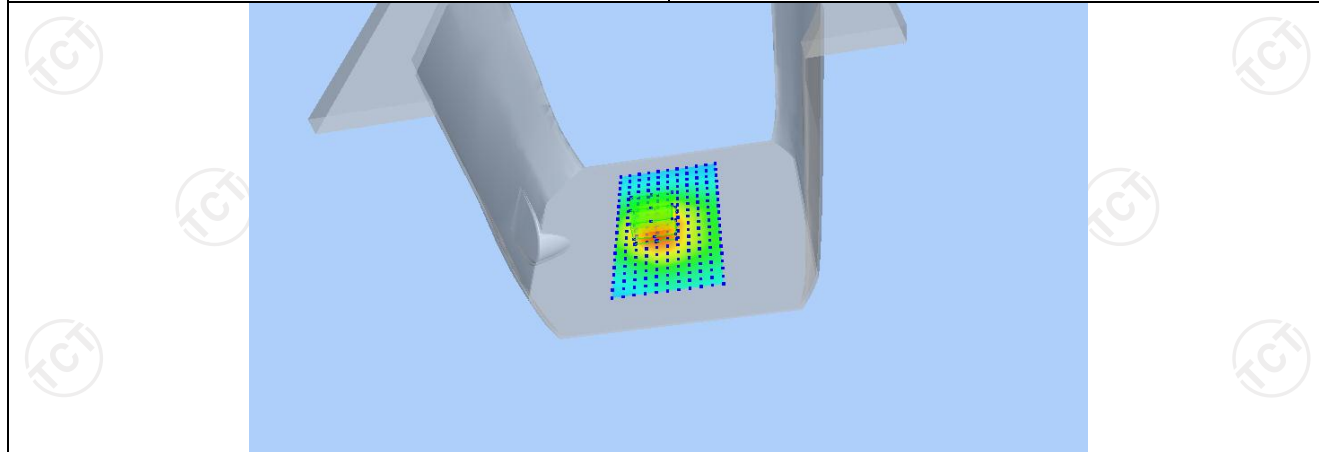


VOLUME SAR

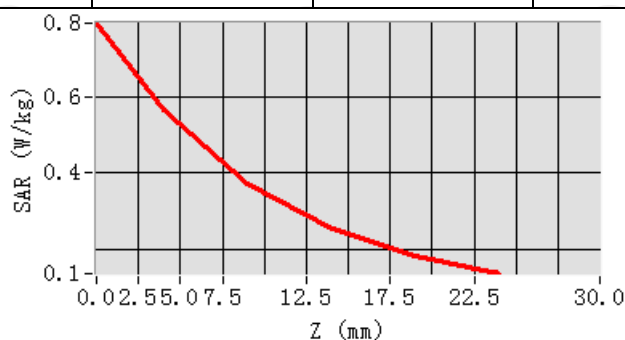


Maximum location: X=-9.00, Y=-1.00 SAR Peak: 0.80 W/kg

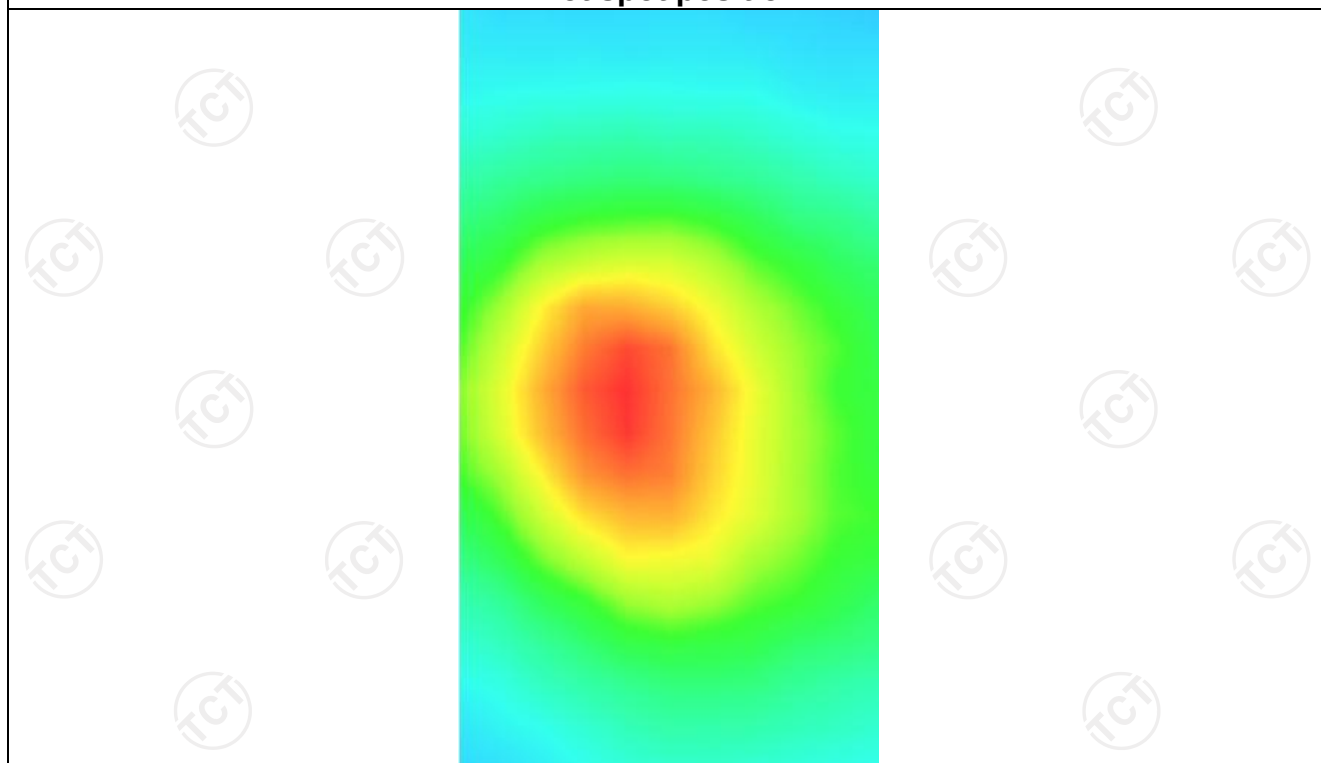
SAR 10g (W/Kg)	0.375128
SAR 1g (W/Kg)	0.420189



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



Hot spot position



MEASUREMENT 3

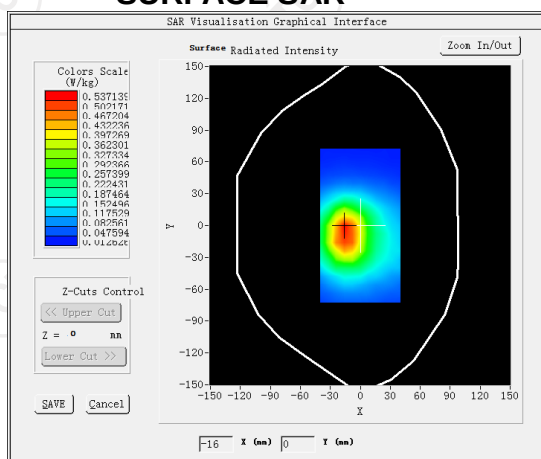
Low Band SAR (Channel 512):

Date: 01/23/2024

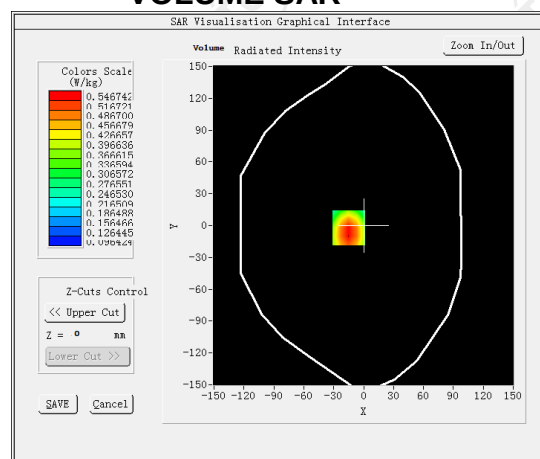
Frequency (MHz)	1850.200000
Relative permittivity (real part)	39.076721
Relative permittivity (imaginary part)	12.607061
Conductivity (S/m)	1.367609
Variation (%)	1.070000
Crest Factor	1.0
Probe Conversion factor	2.23
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>

Phantom	Validation plane
Device Position	Body back(10mm)
Band	GSM1900(GPRS 3slot)

SURFACE SAR

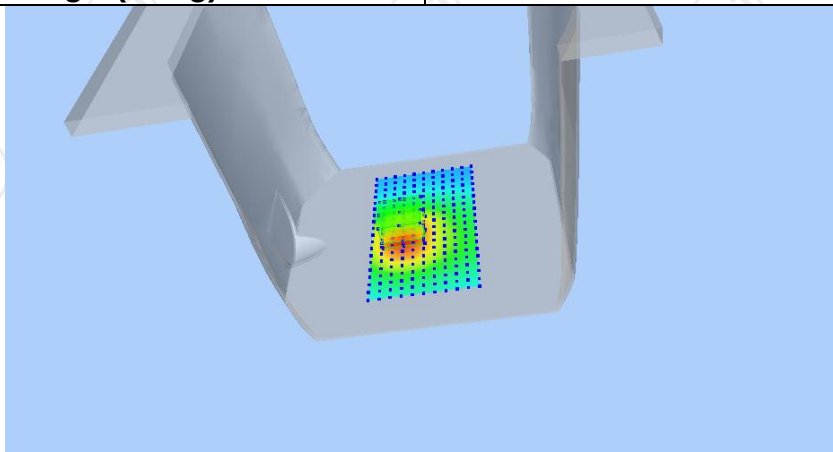


VOLUME SAR

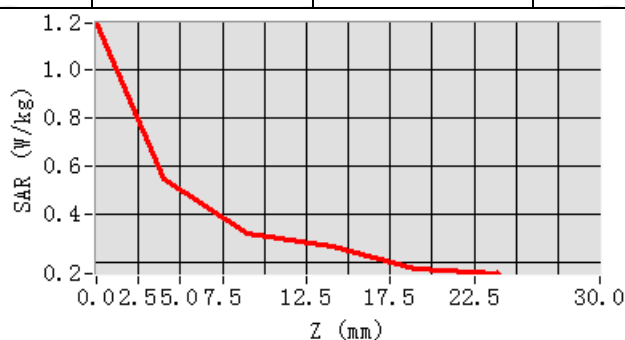


Maximum location: X=-15.00, Y=-2.00 SAR Peak: 0.77 W/kg

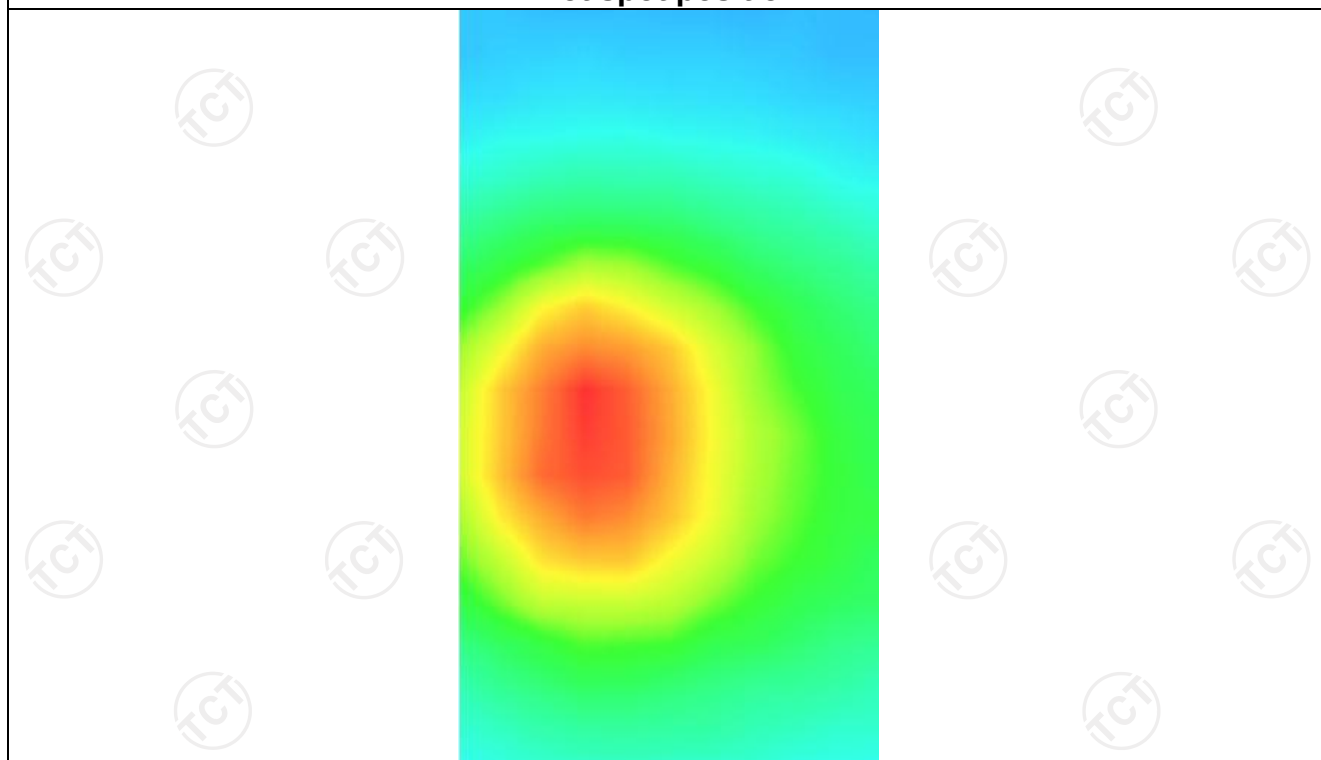
SAR 10g (W/Kg)	0.227587
SAR 1g (W/Kg)	0.357006



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



Hot spot position



MEASUREMENT 4

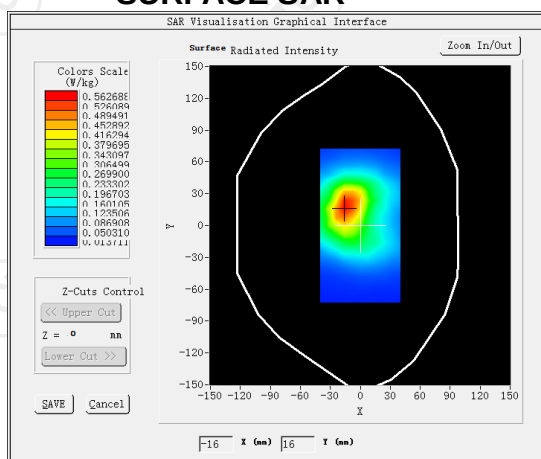
Low Band SAR (Channel 512):

Date: 01/23/2024

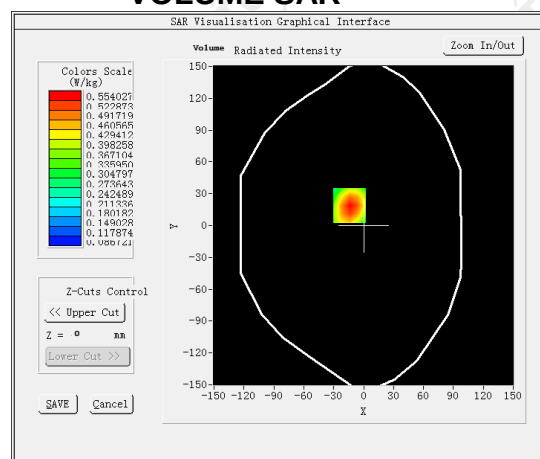
Frequency (MHz)	1850.200000
Relative permittivity (real part)	39.076721
Relative permittivity (imaginary part)	12.607061
Conductivity (S/m)	1.367609
Variation (%)	-3.410000
Crest Factor	1.0
Probe Conversion factor	2.23
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>

Phantom	<u>Validation plane</u>
Device Position	<u>Body back(10mm)</u>
Band	<u>GSM1900(GPRS 3slot hotspot)</u>

SURFACE SAR

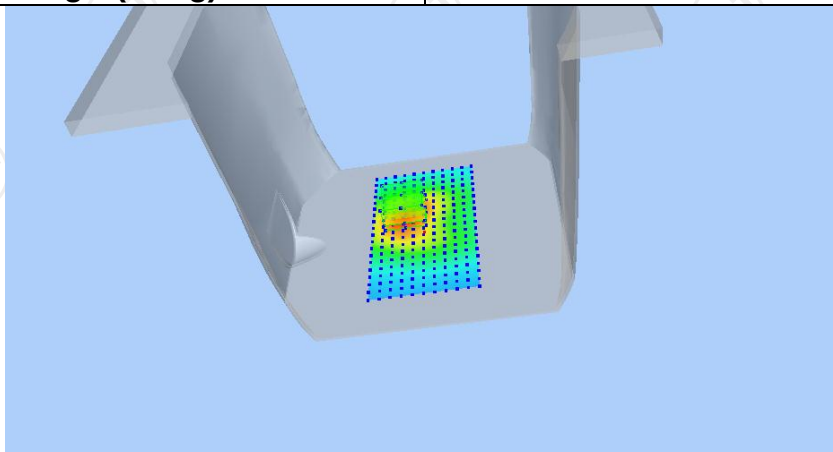


VOLUME SAR

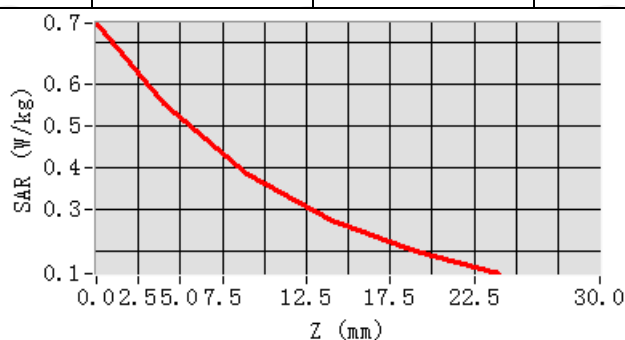


Maximum location: X=-14.00, Y=19.00 SAR Peak: 0.75 W/kg

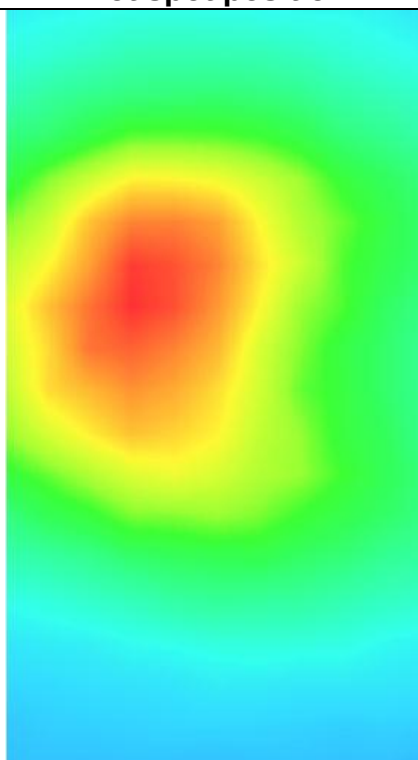
SAR 10g (W/Kg)	0.206410
SAR 1g (W/Kg)	0.341580



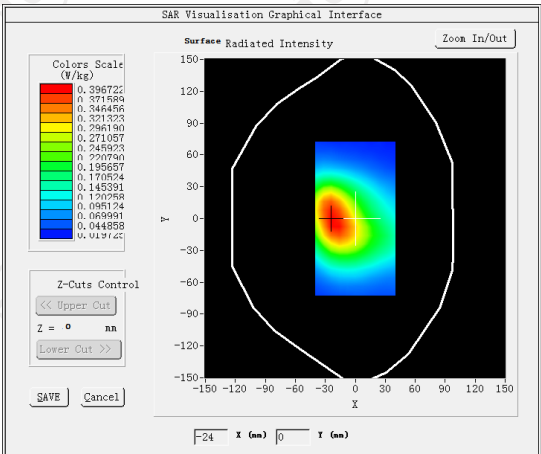
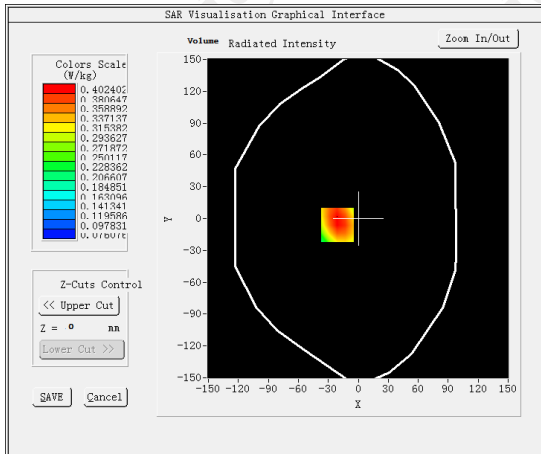
Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.7446	0.5540	0.3838	0.2716	0.1984

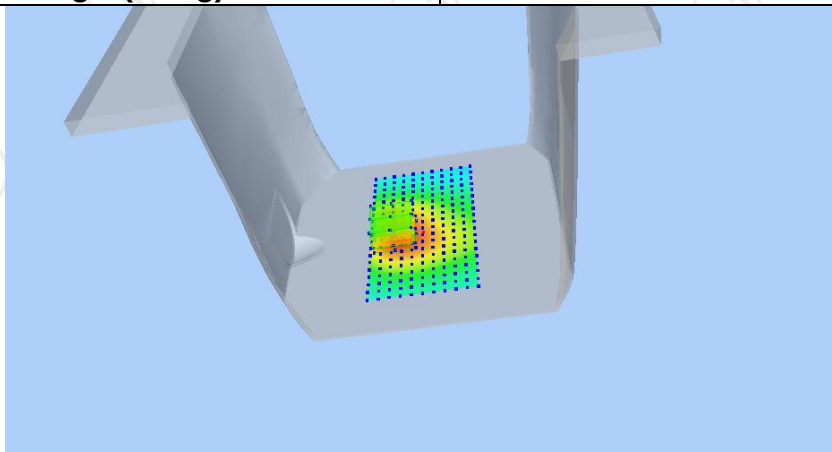


Hot spot position

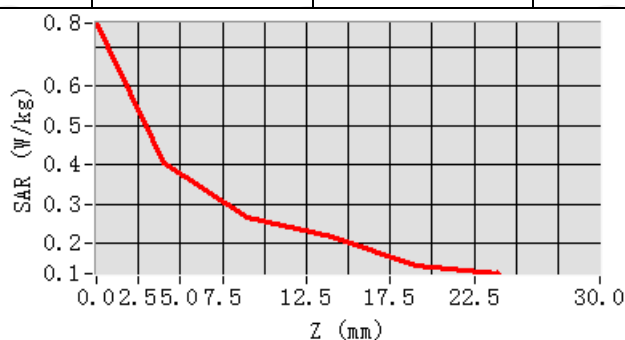


WCDMA Band II MEASUREMENT 1

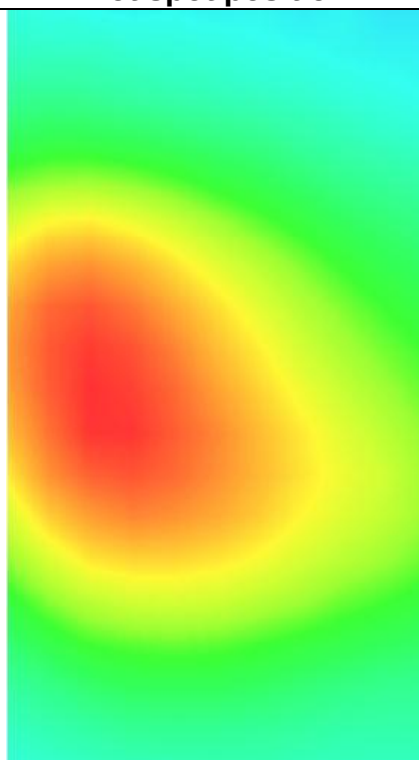
Low Band SAR (Channel 9262):		Date: 01/23/2024
Frequency (MHz)	1852.400000	
Relative permittivity (real part)	40.000000	
Relative permittivity (imaginary part)	13.408000	
Conductivity (S/m)	1.400391	
Variation (%)	-3.470000	
Crest Factor	1.0	
Probe Conversion factor	2.23	
E-Field Probe:	SSE2 (SN 25/22 EPGO375)	
Area Scan	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 front(10mm)	
Band	BAND2 WCDMA1900	
SURFACE SAR	VOLUME SAR	
		
Maximum location: X=-21.00, Y=-6.00 SAR Peak: 0.53 W/kg		
SAR 10g (W/Kg)	0.144233	
SAR 1g (W/Kg)	0.261520	



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



Hot spot position



MEASUREMENT 2

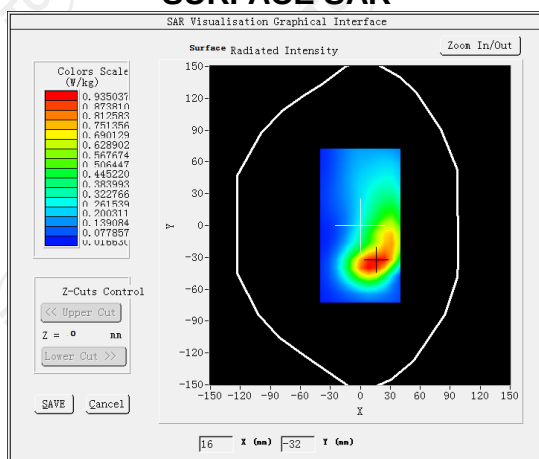
Low Band SAR (Channel 9262):

Date: 01/23/2024

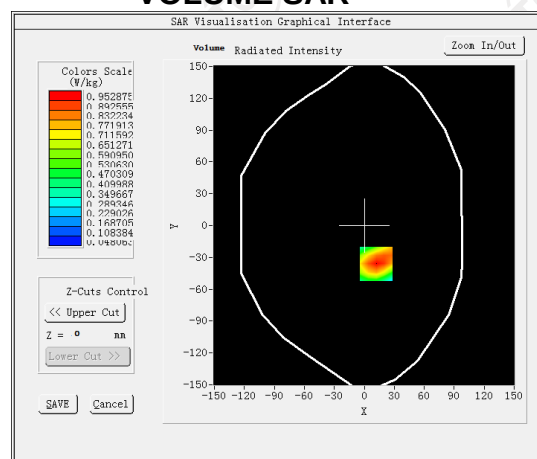
Frequency (MHz)	1852.400000
Relative permittivity (real part)	40.000000
Relative permittivity (imaginary part)	13.408000
Conductivity (S/m)	1.400391
Variation (%)	0.410000
Crest Factor	1.0
Probe Conversion factor	2.23
E-Field Probe:	SSE2 (SN 25/22 EPGO375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan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

Phantom	<u>Validation plane</u>
Device Position	<u>Body back(10mm)</u>
Band	<u>BAND2 WCDMA1900</u>

SURFACE SAR

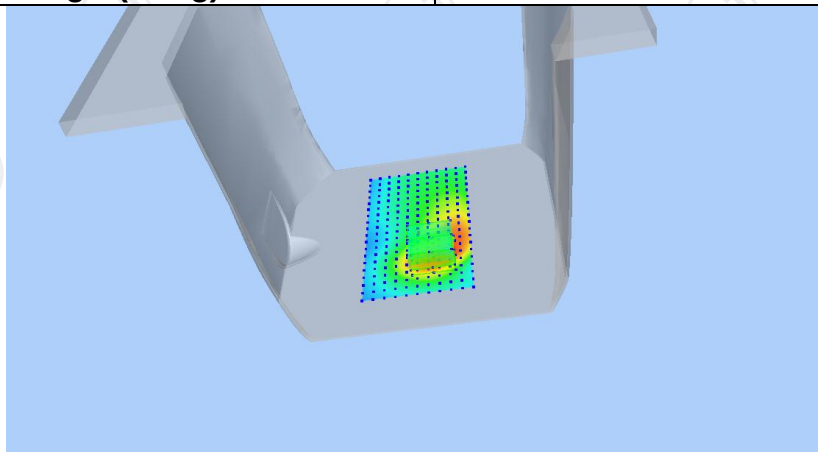


VOLUME SAR

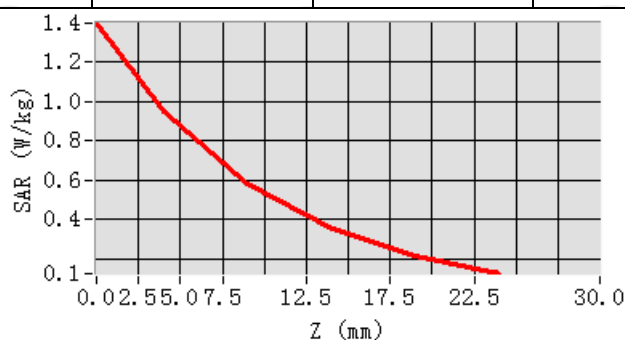


Maximum location: X=12.00, Y=-36.00 SAR Peak: 1.41 W/kg

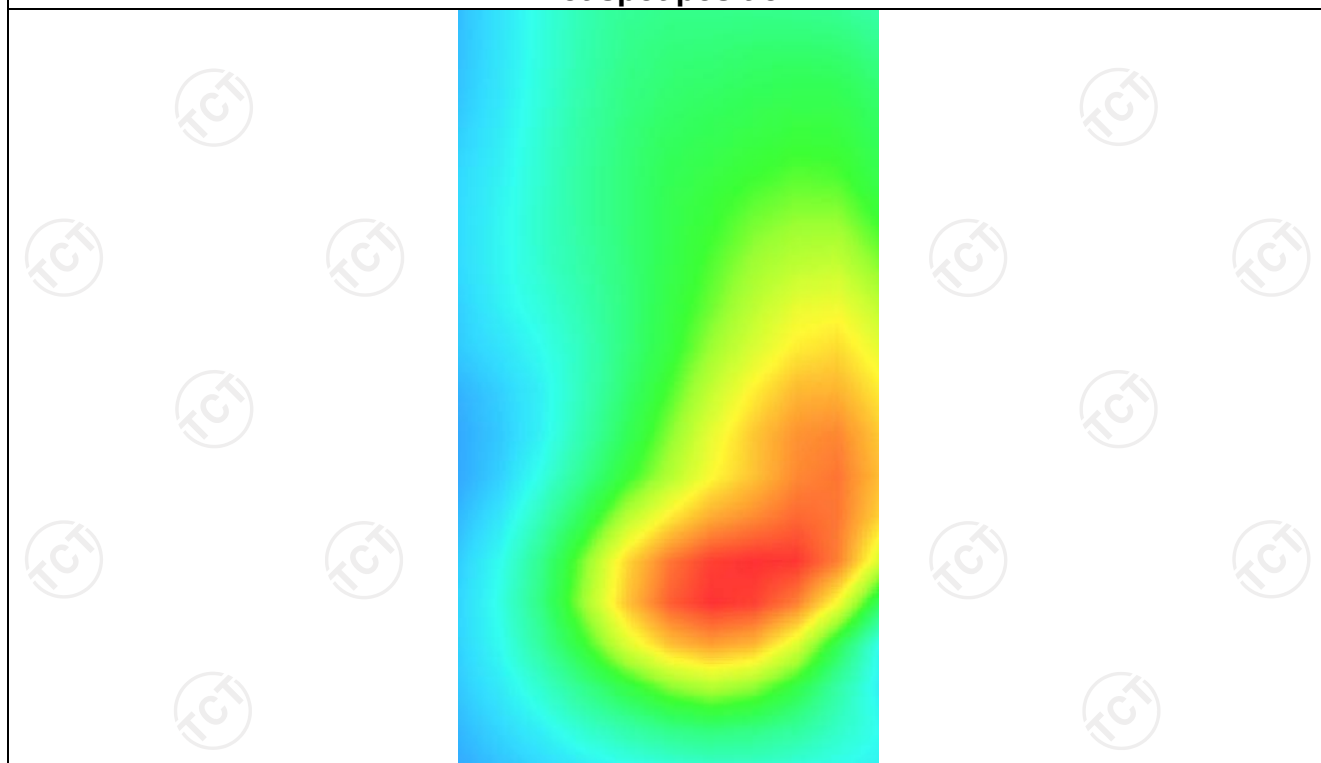
SAR 10g (W/Kg)	0.404408
SAR 1g (W/Kg)	0.654813



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



Hot spot position



MEASUREMENT 3

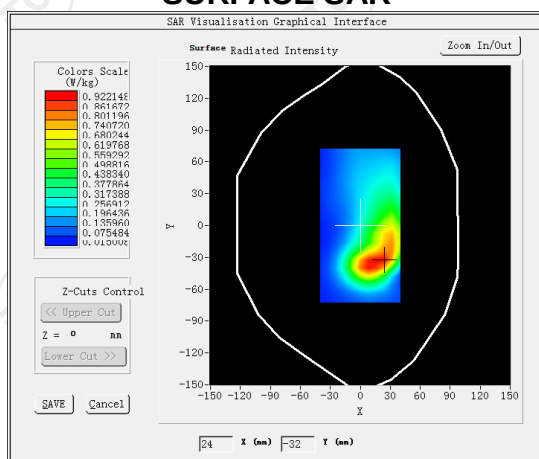
Low Band SAR (Channel 9262):

Date: 01/23/2024

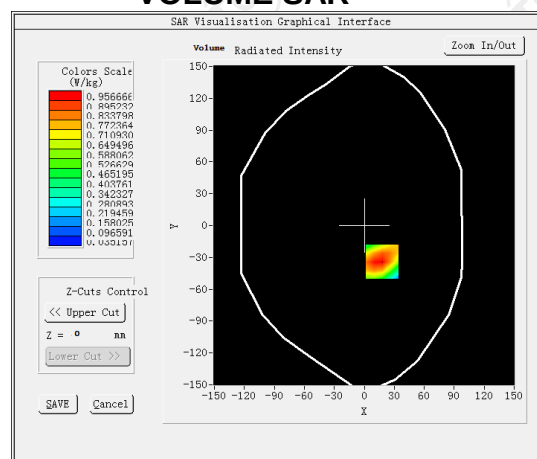
Frequency (MHz)	1852.400000
Relative permittivity (real part)	40.000000
Relative permittivity (imaginary part)	13.408000
Conductivity (S/m)	1.400391
Variation (%)	3.100000
Crest Factor	1.0
Probe Conversion factor	2.23
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>

Phantom	<u>Validation plane</u>
Device Position	<u>Body back(10mm)</u>
Band	<u>BAND2 WCDMA1900(hotspot)</u>

SURFACE SAR

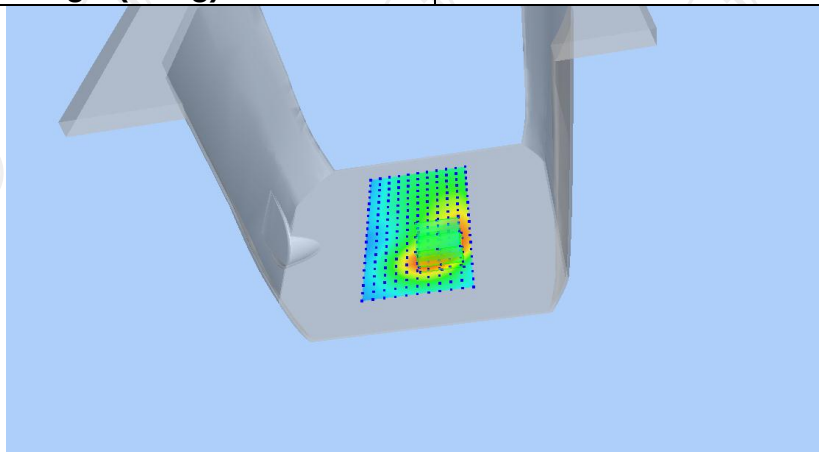


VOLUME SAR

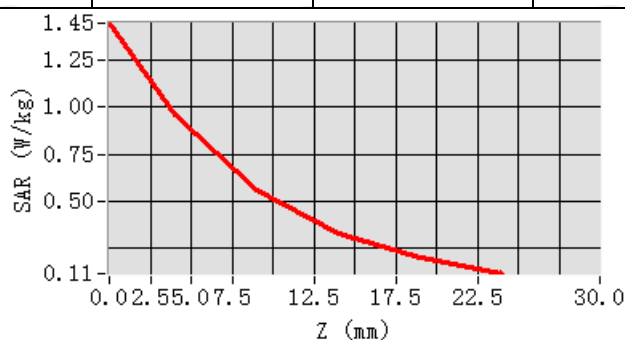


Maximum location: X=18.00, Y=-34.00 SAR Peak: 1.46 W/kg

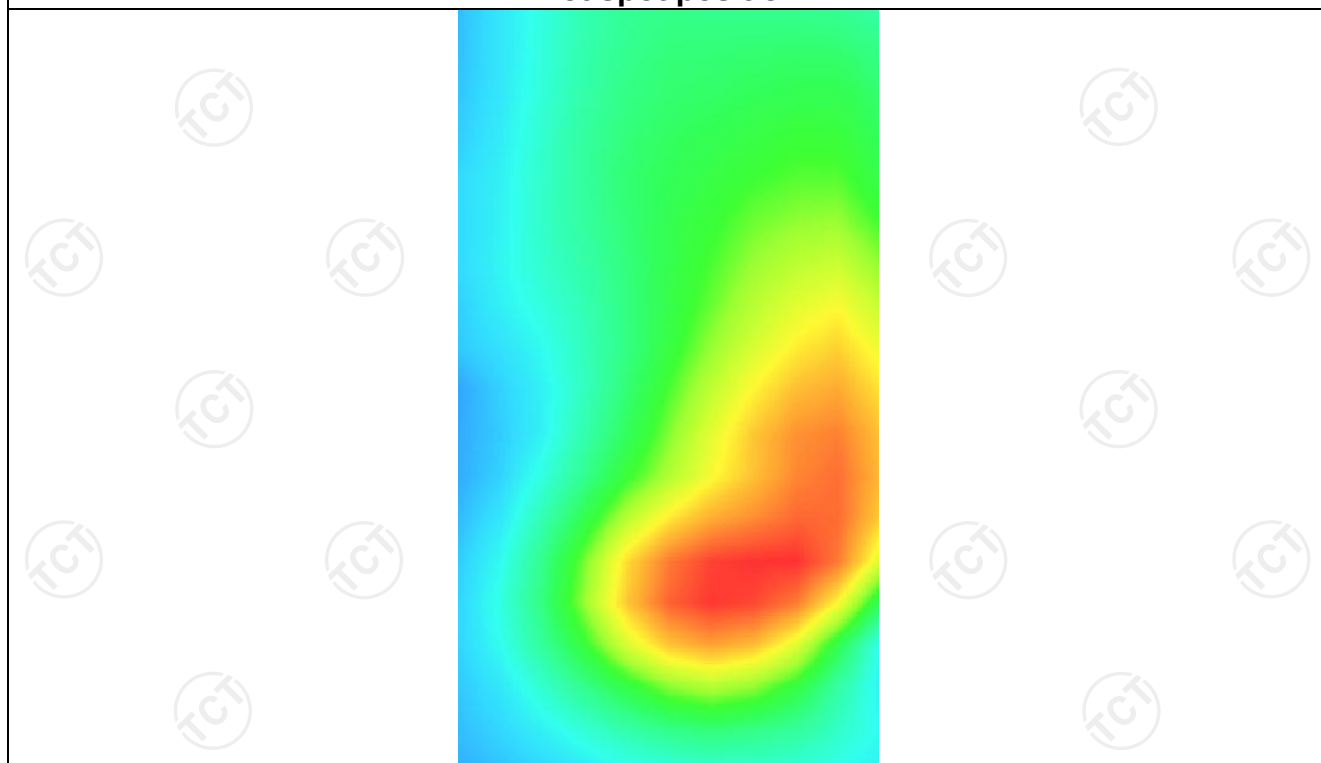
SAR 10g (W/Kg)	0.505916
SAR 1g (W/Kg)	0.710451



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



Hot spot position



WCDMA Band IV

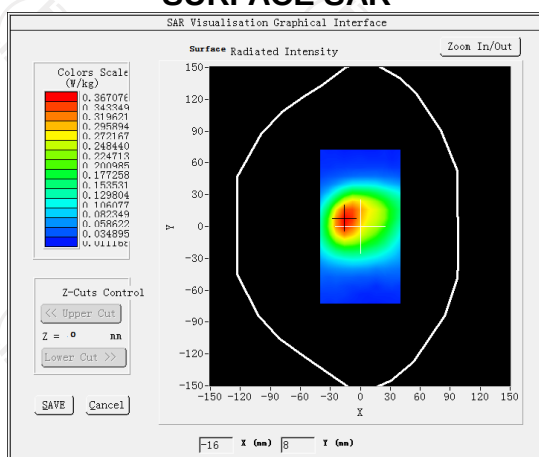
MEASUREMENT 1

Middle Band SAR (Channel 1450):

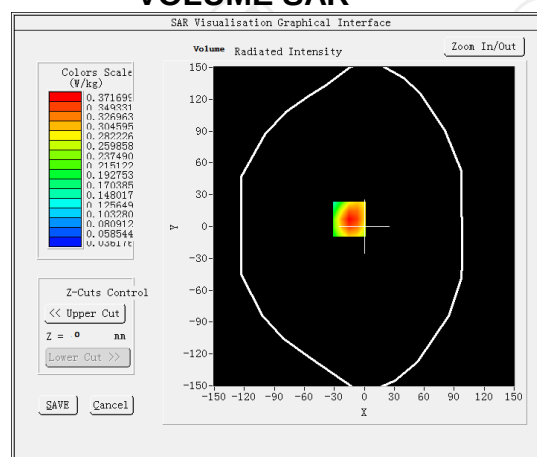
Date: 01/19/2024

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

SURFACE SAR

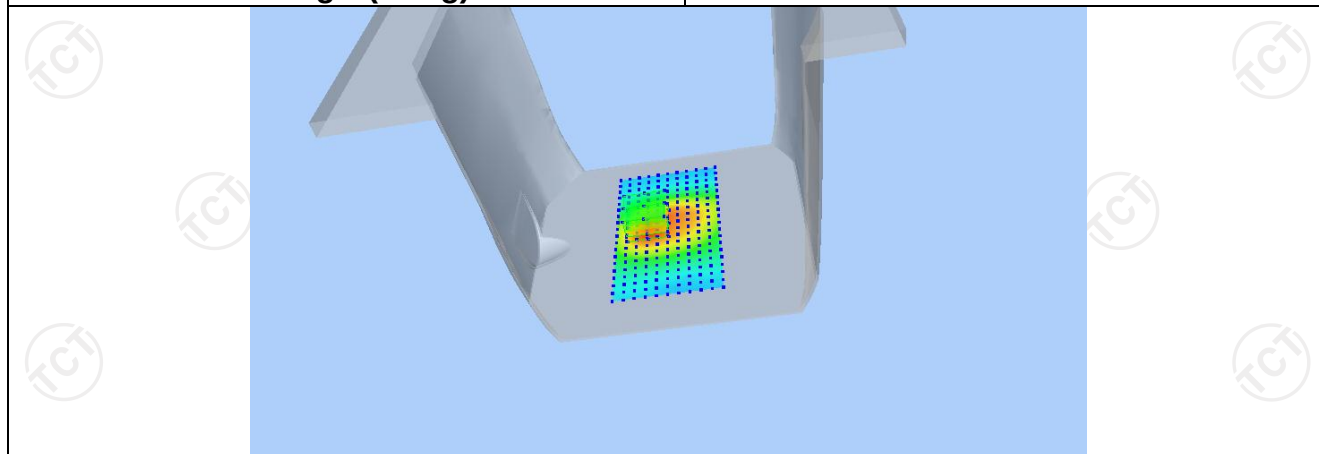


VOLUME SAR

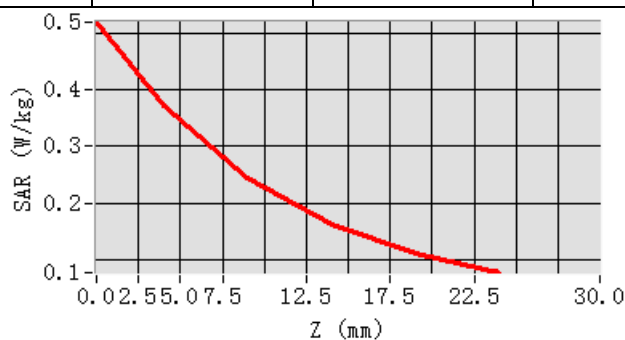


Maximum location: X=-15.00, Y=7.00 SAR Peak: 0.52 W/kg

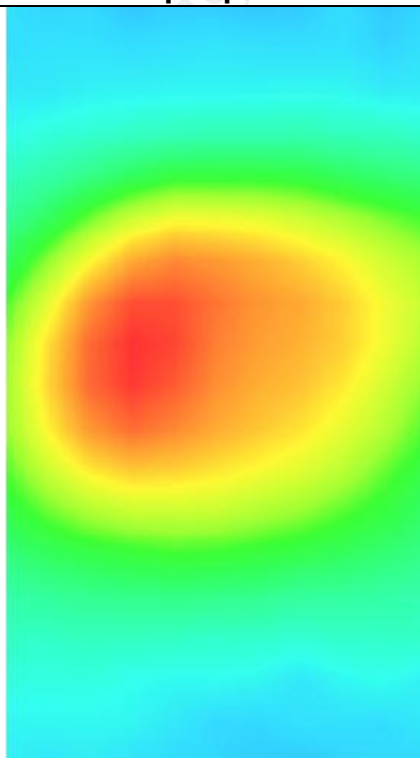
SAR 10g (W/Kg)	0.207236
SAR 1g (W/Kg)	0.271062



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



Hot spot position



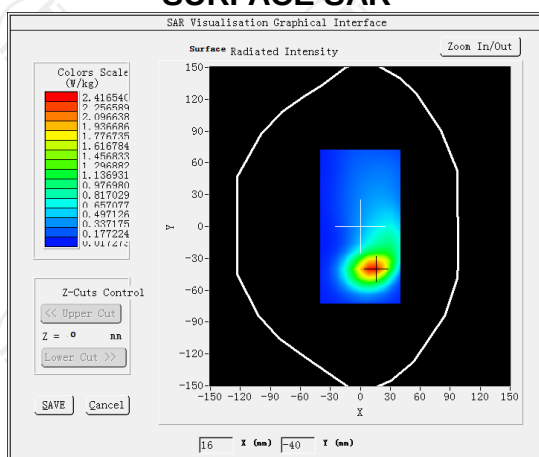
MEASUREMENT 2

Middle Band SAR (Channel 1450):

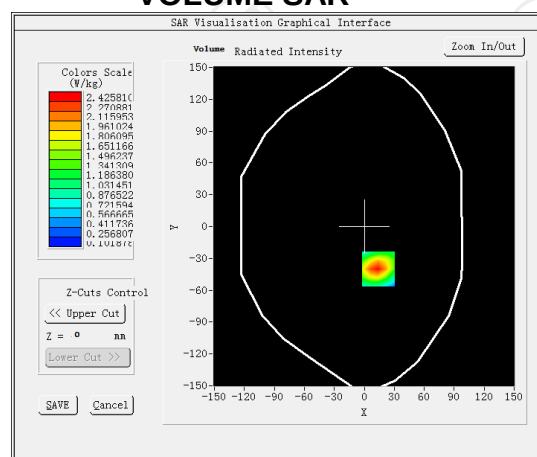
Date: 01/19/2024

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

SURFACE SAR

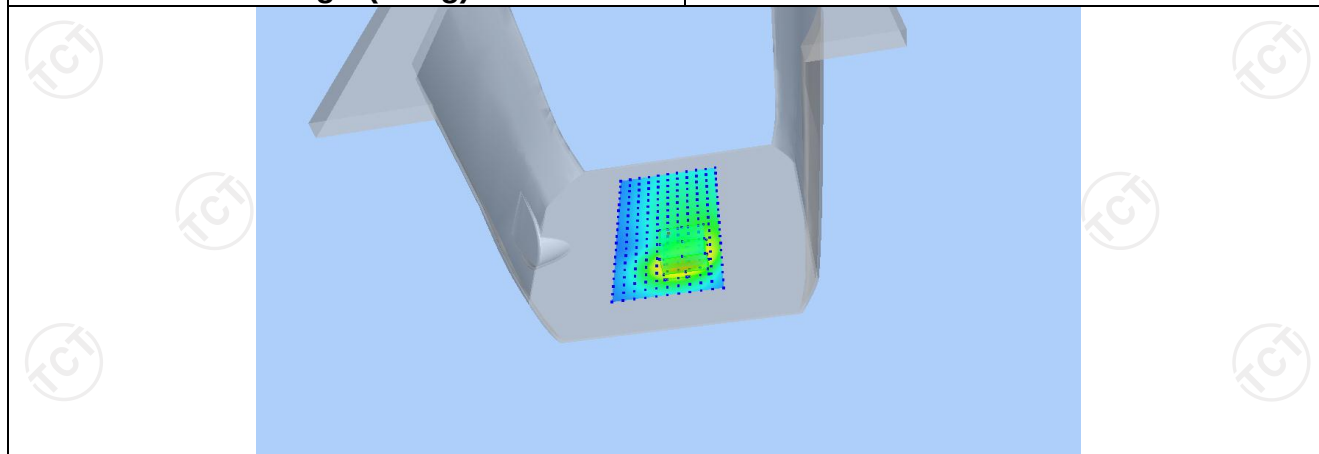


VOLUME SAR

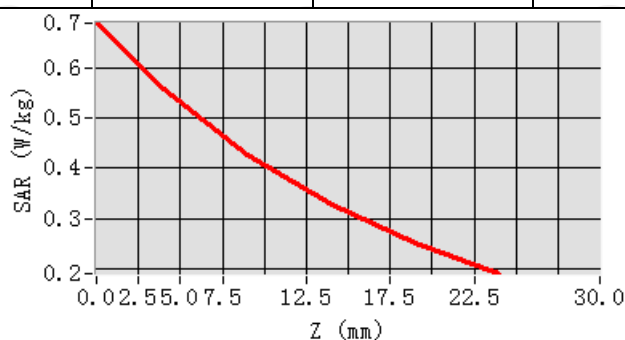


Maximum location: X=14.00, Y=-40.00 SAR Peak: 0.69 W/kg

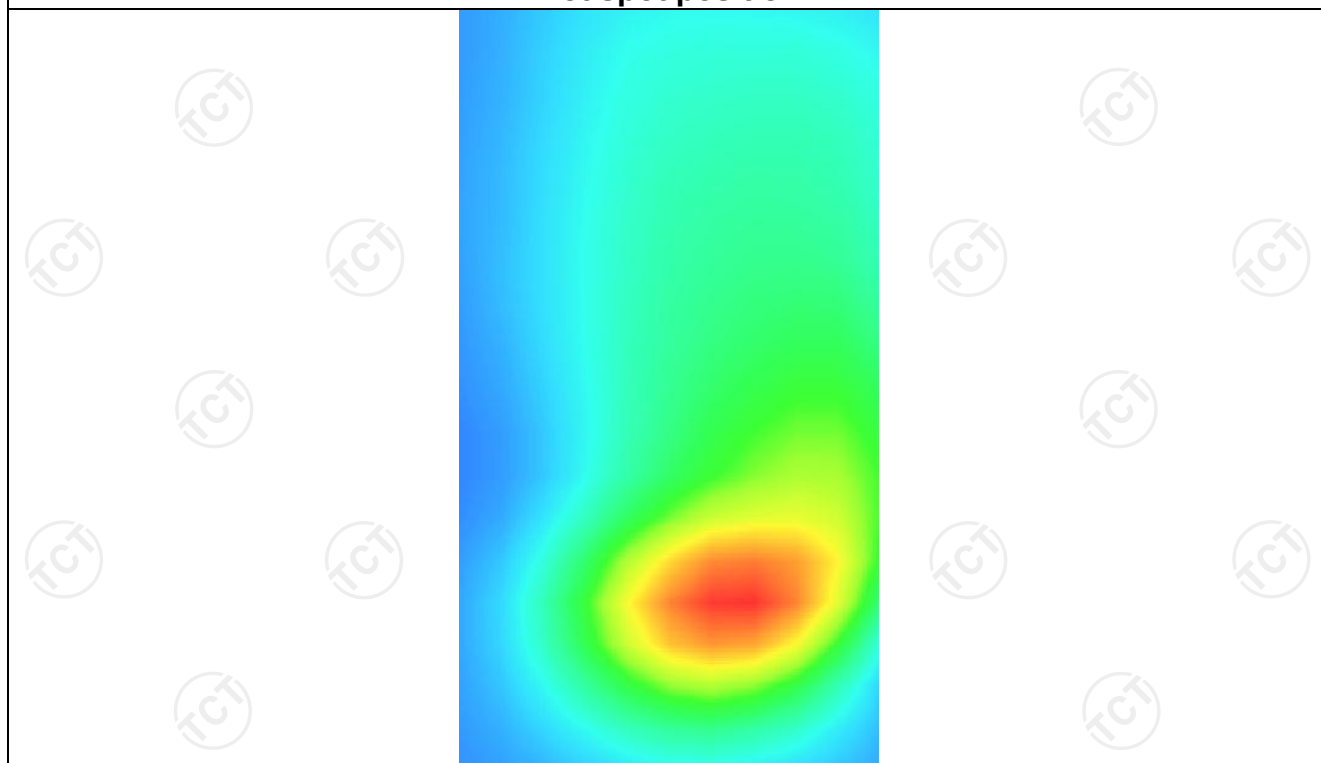
SAR 10g (W/Kg)	0.231257
SAR 1g (W/Kg)	0.406172



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



Hot spot position



MEASUREMENT 3

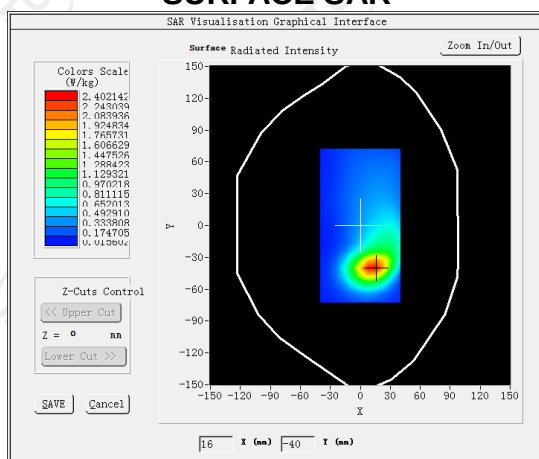
Middle Band SAR (Channel 1450):

Date: 01/19/2024

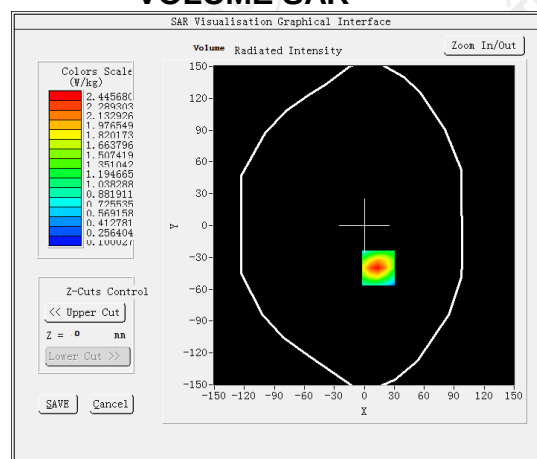
Frequency (MHz)	1740.000000
Relative permittivity (real part)	40.116364
Relative permittivity (imaginary part)	14.137455
Conductivity (S/m)	1.360337
Variation (%)	1.600000
Crest Factor	1.0
Probe Conversion factor	2.08
E-Field Probe:	SSE2 (SN 25/22 EPGO375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan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

Phantom	<u>Validation plane</u>
Device Position	<u>Body back (10mm)</u>
Band	<u>BAND4 WCDMA1700(hotspot)</u>

SURFACE SAR

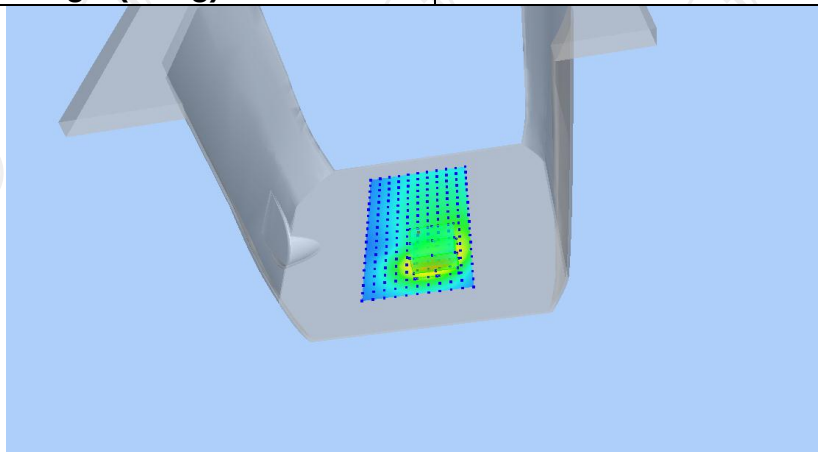


VOLUME SAR

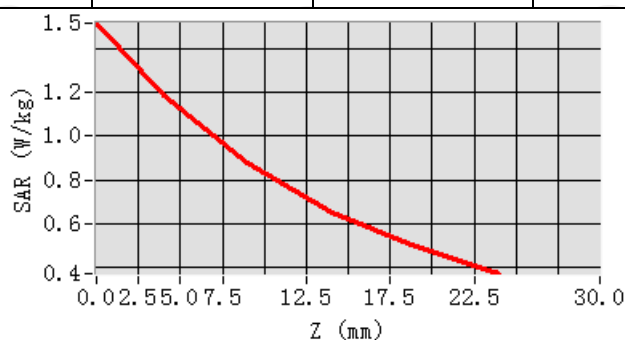


Maximum location: X=14.00, Y=-40.00 SAR Peak: 1.52 W/kg

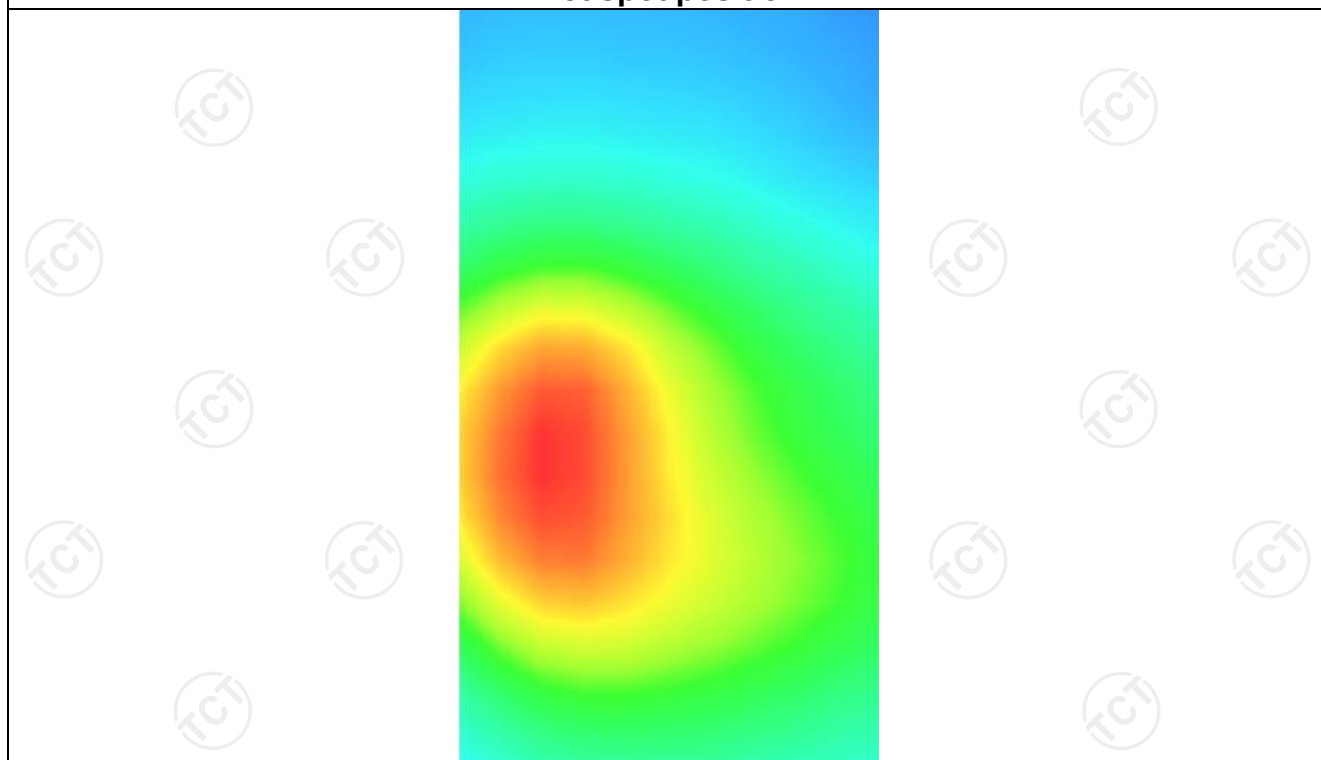
SAR 10g (W/Kg)	0.510677
SAR 1g (W/Kg)	0.706208



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



Hot spot position



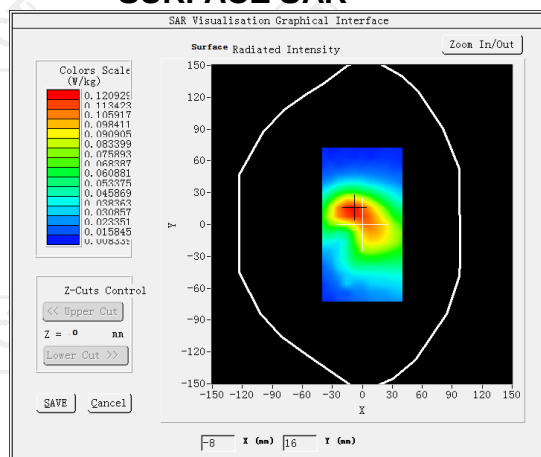
WCDMA Band V MEASUREMENT 1

Middle Band SAR (Channel 4182):

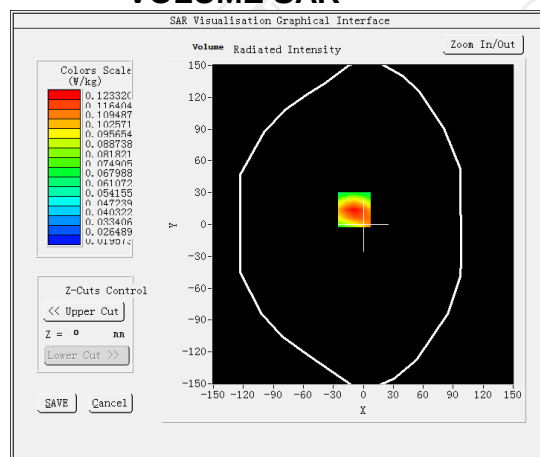
Date: 01/16/2024

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

SURFACE SAR

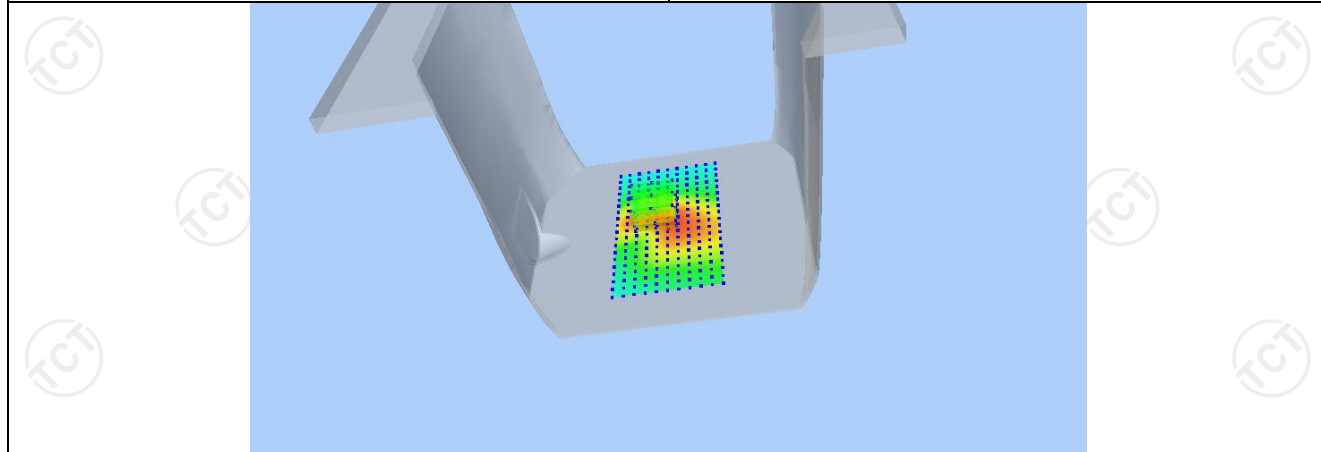


VOLUME SAR

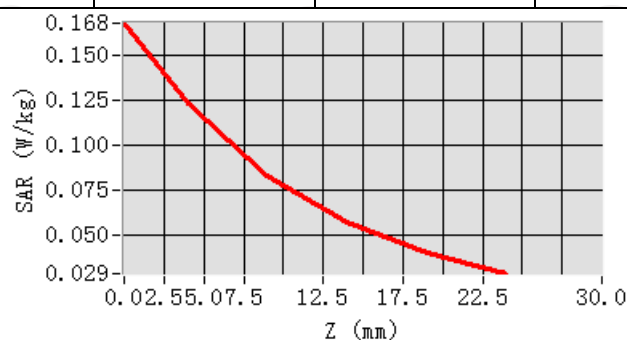


Maximum location: X=-9.00, Y=14.00 SAR Peak: 0.17 W/kg

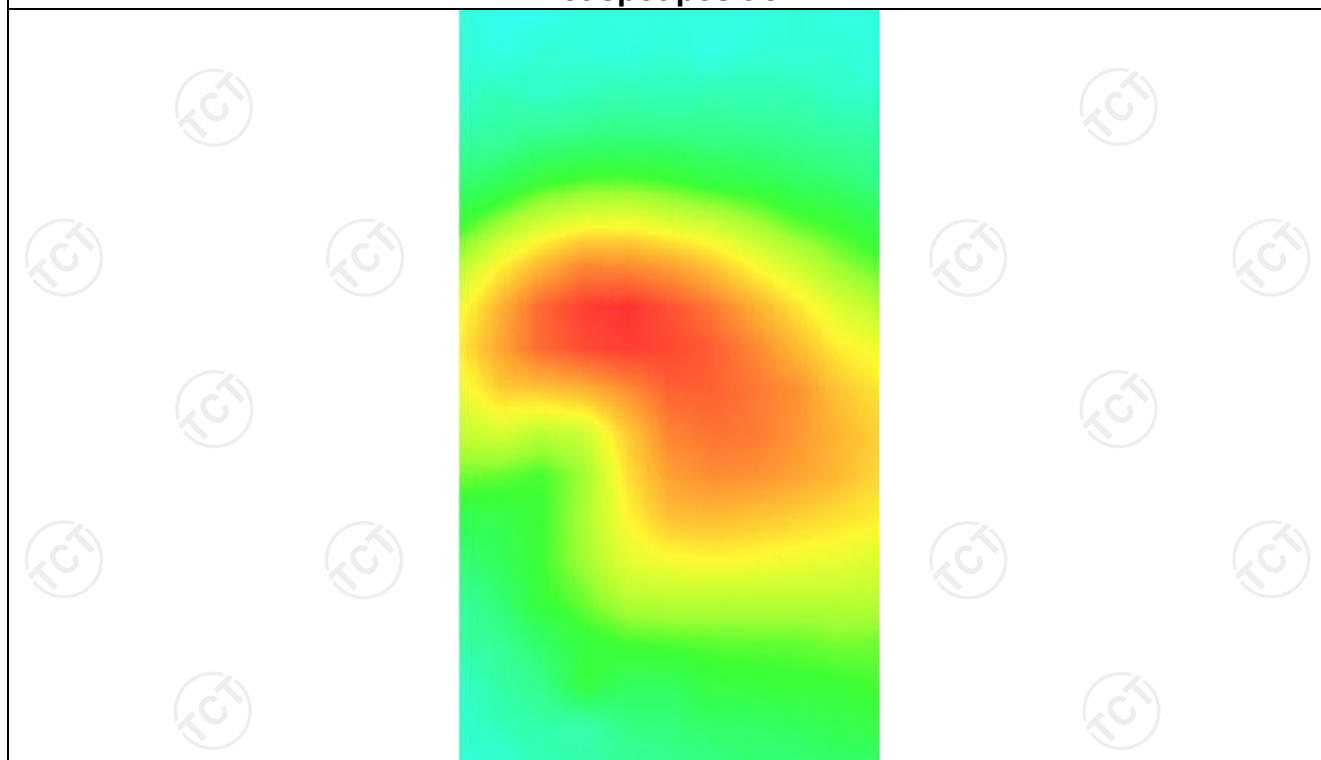
SAR 10g (W/Kg)	0.081776
SAR 1g (W/Kg)	0.103229



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



Hot spot position



MEASUREMENT 2

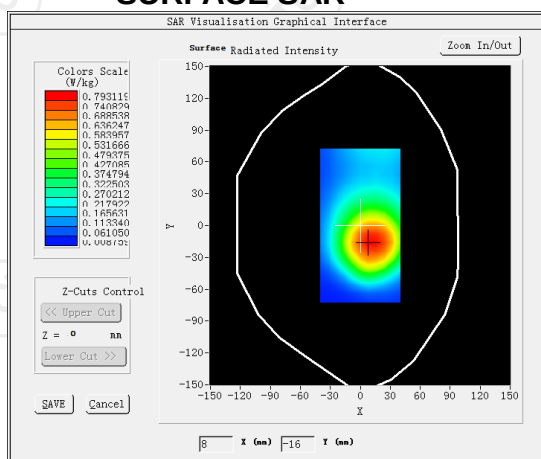
Middle Band SAR (Channel 4182):

Date: 01/16/2024

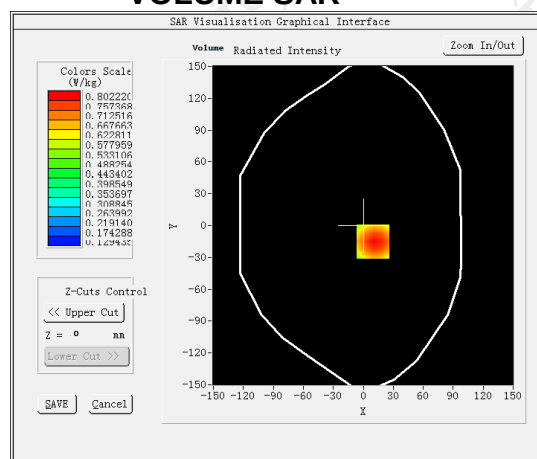
Frequency (MHz)	836.400000
Relative permittivity (real part)	41.500000
Relative permittivity (imaginary part)	19.400000
Conductivity (S/m)	0.901453
Variation (%)	0.160000
Crest Factor:	1.0
Probe Conversion factor	1.80
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>

Phantom	Validation plane
Device Position	Body back(10mm)
Band	BAND5 WCDMA850

SURFACE SAR

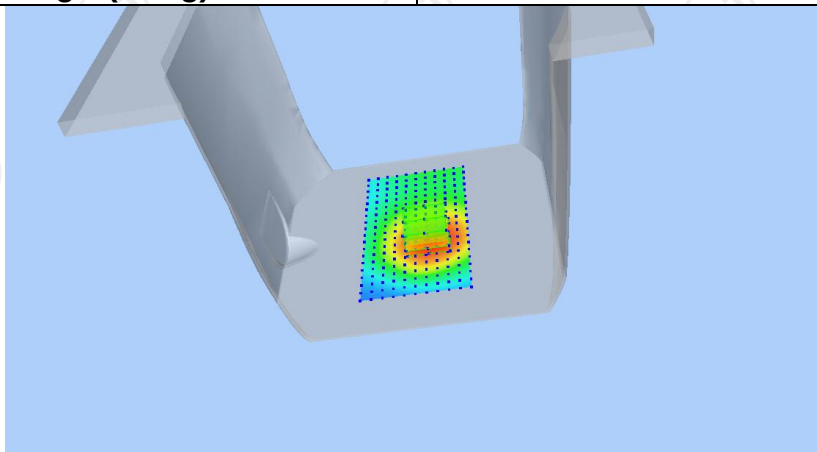


VOLUME SAR

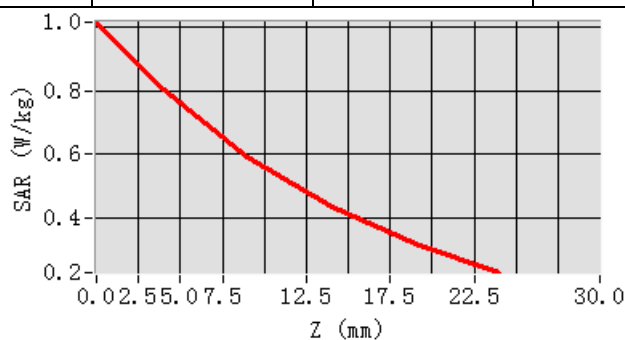


M Maximum location: X=10.00, Y=-15.00 SAR Peak: 1.02 W/kg

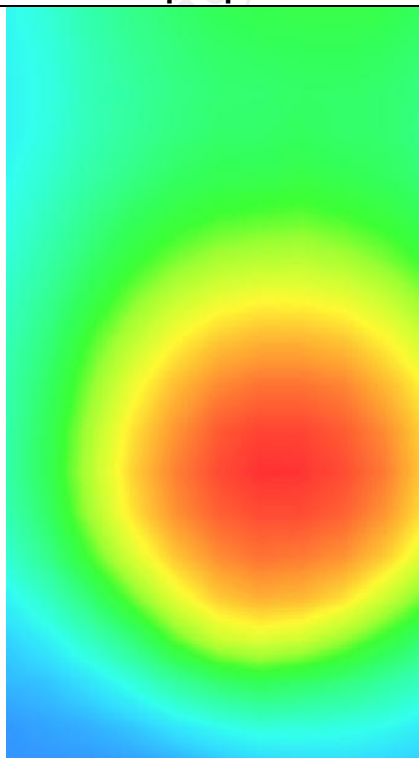
SAR 10g (W/Kg)	0.441156
SAR 1g (W/Kg)	0.540333



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



Hot spot position



MEASUREMENT 3

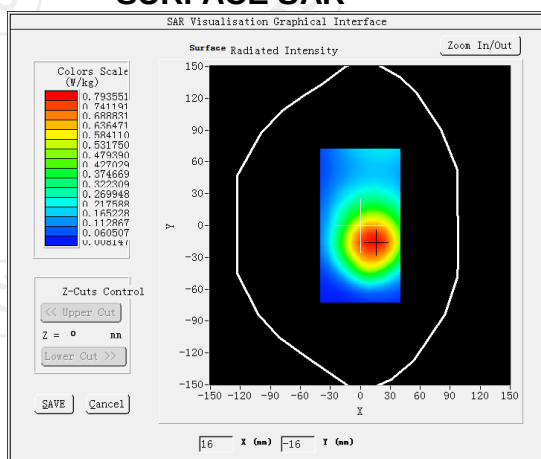
Middle Band SAR (Channel 4182):

Date: 01/16/2024

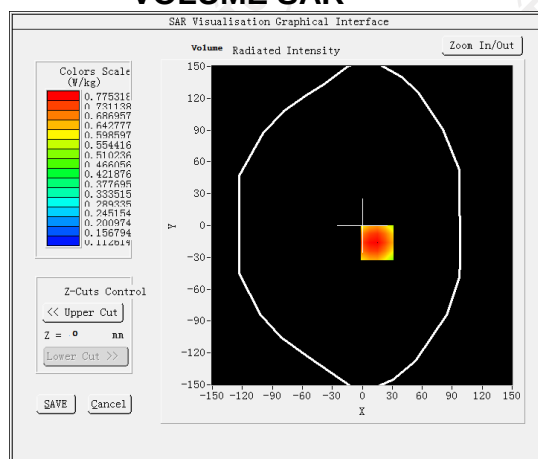
Frequency (MHz)	836.400000
Relative permittivity (real part)	41.500000
Relative permittivity (imaginary part)	19.400000
Conductivity (S/m)	0.901453
Variation (%)	1.240000
Crest Factor:	1.0
Probe Conversion factor	1.80
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan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

Phantom	Validation plane
Device Position	Body back(10mm)
Band	BAND5 WCDMA850(hotspot)

SURFACE SAR



VOLUME SAR



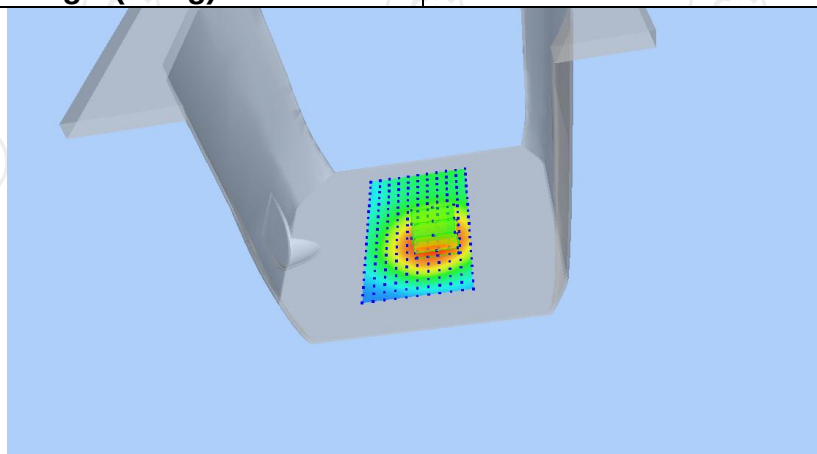
Maximum location: X=15.00, Y=-16.00 SAR Peak: 0.98 W/kg

SAR 10g (W/Kg)

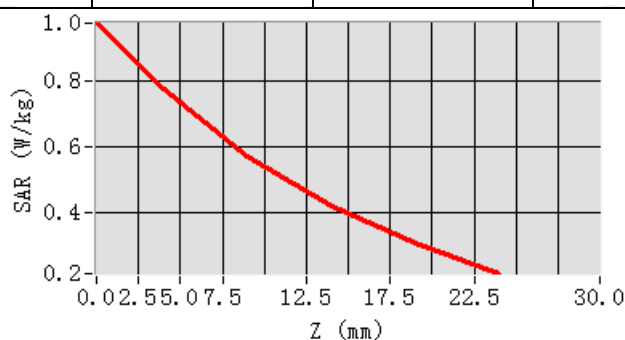
0.230752

SAR 1g (W/Kg)

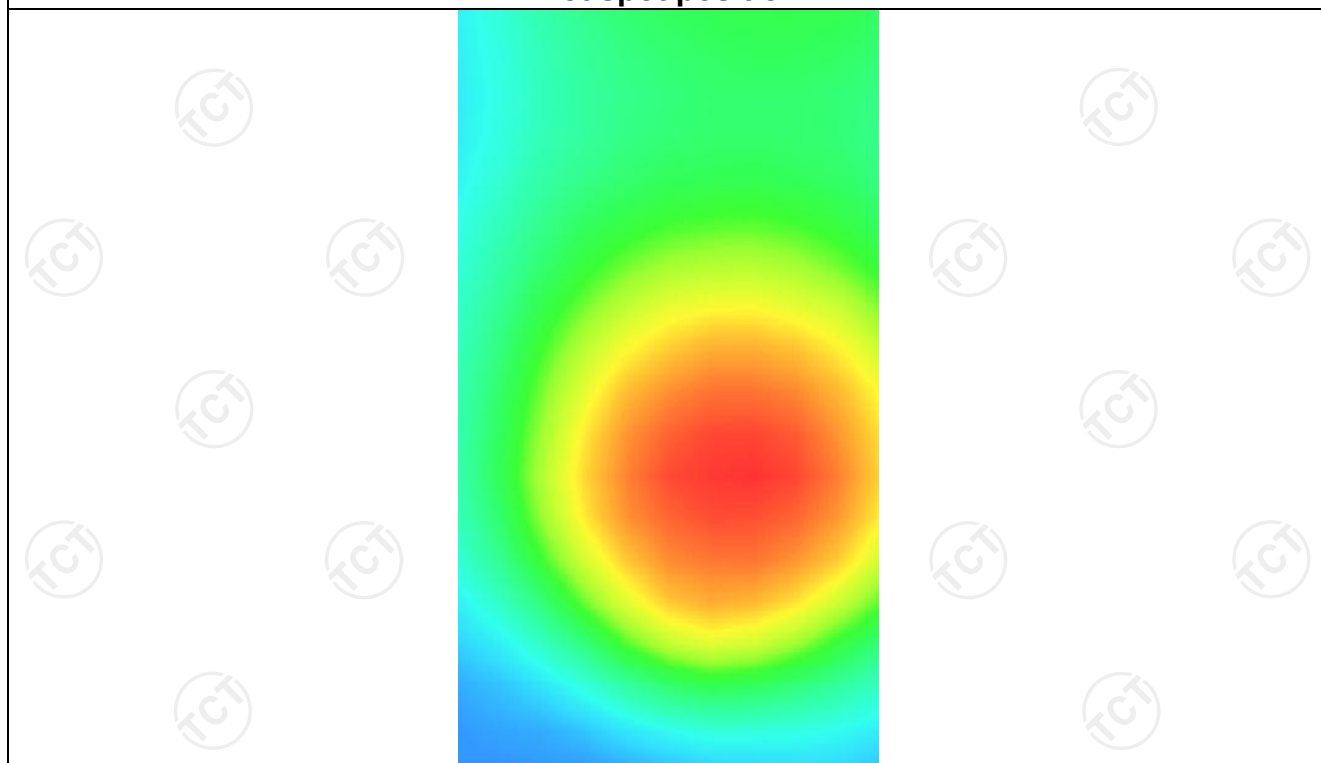
0.447998



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



Hot spot position



LTE Band 2

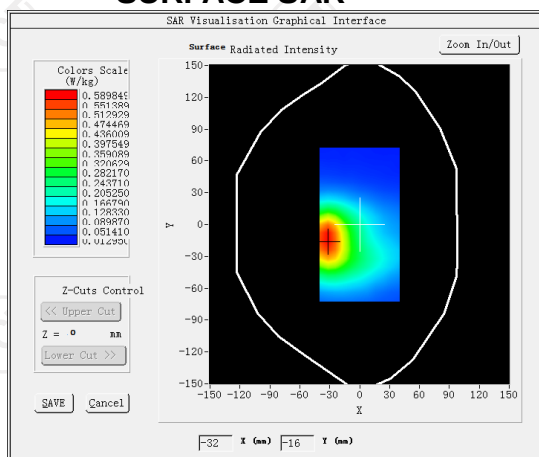
MEASUREMENT 1

Middle Band SAR (Channel 18900):

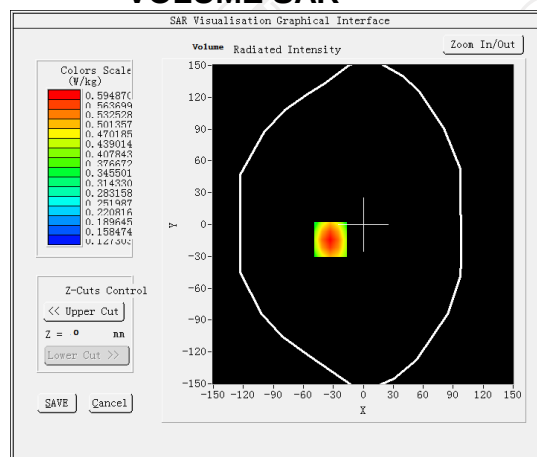
Date: 01/23/2024

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

SURFACE SAR

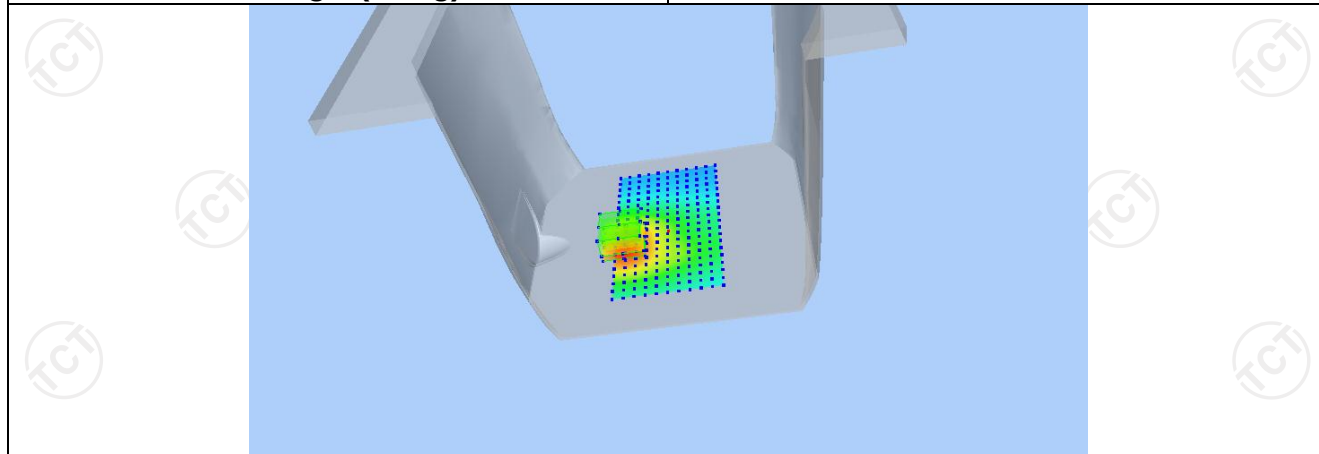


VOLUME SAR

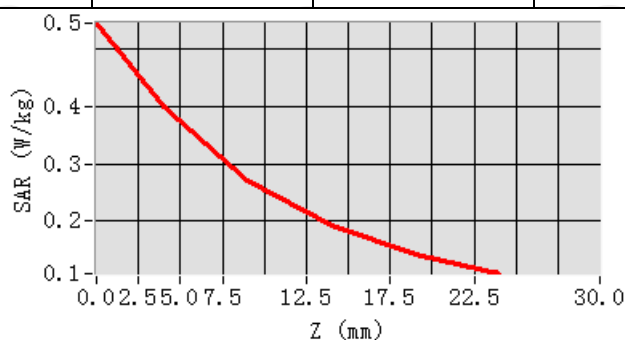


Maximum location: X=-33.00, Y=-14.00 SAR Peak: 0.55 W/kg

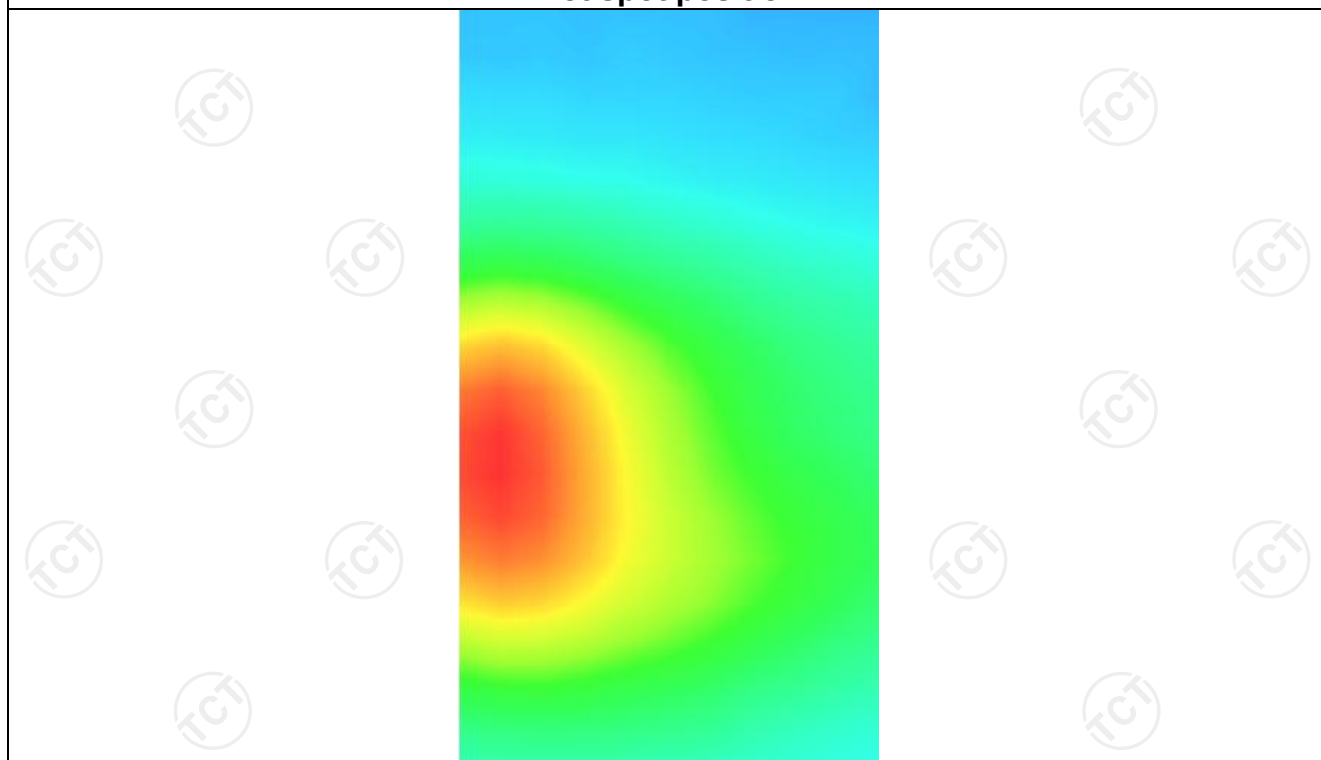
SAR 10g (W/Kg)	0.102711
SAR 1g (W/Kg)	0.227154



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



Hot spot position



MEASUREMENT 2

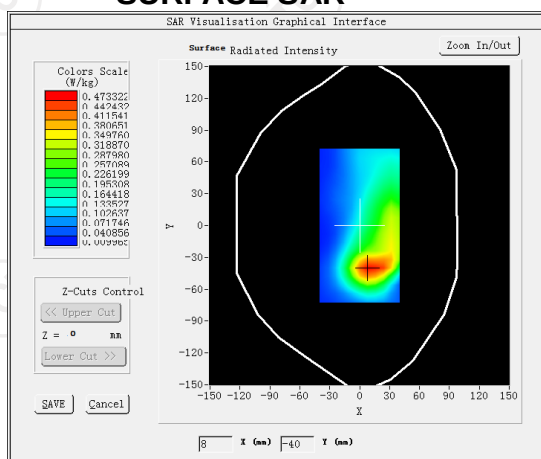
Middle Band SAR (Channel 18900):

Date: 01/23/2024

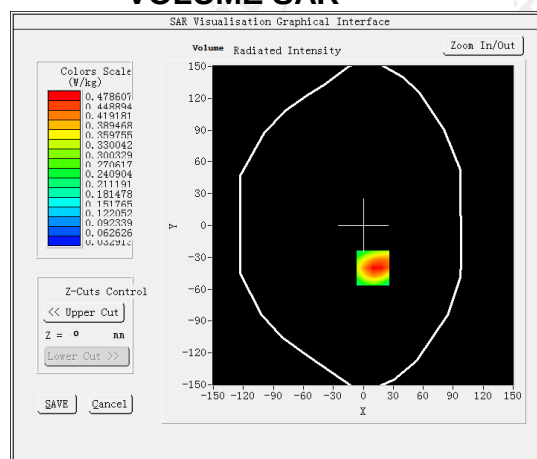
Frequency (MHz)	1880.000000
Relative permittivity (real part)	40.000000
Relative permittivity (imaginary part)	13.411700
Conductivity (S/m)	1.400405
Variation (%)	-3.790000
Crest Factor	1.0
Probe Conversion factor	2.23
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>

Phantom	Validation plane
Device Position	Body back(10mm)
Band	LTE band 2 (1 RB#0)

SURFACE SAR

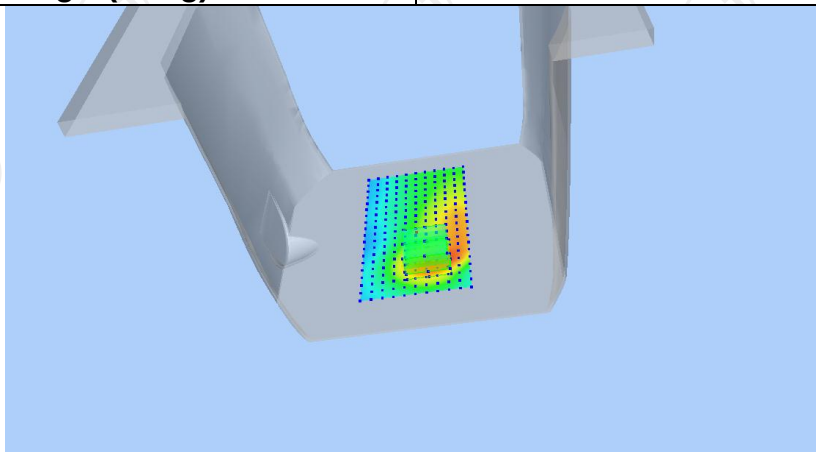


VOLUME SAR

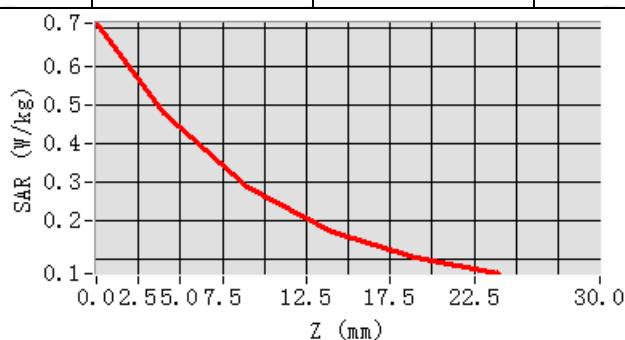


Maximum location: X=10.00, Y=-40.00 SAR Peak: 0.73 W/kg

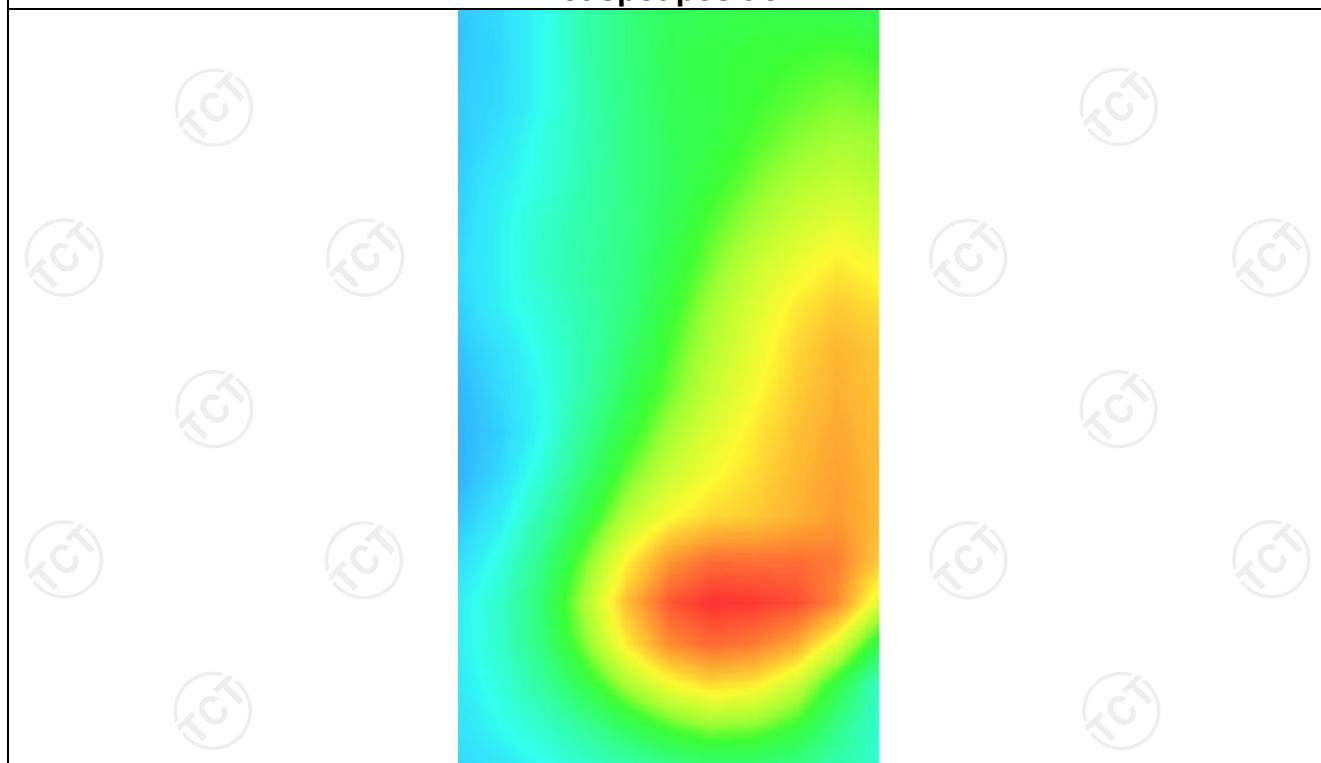
SAR 10g (W/Kg)	0.253178
SAR 1g (W/Kg)	0.413702



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



Hot spot position



MEASUREMENT 3

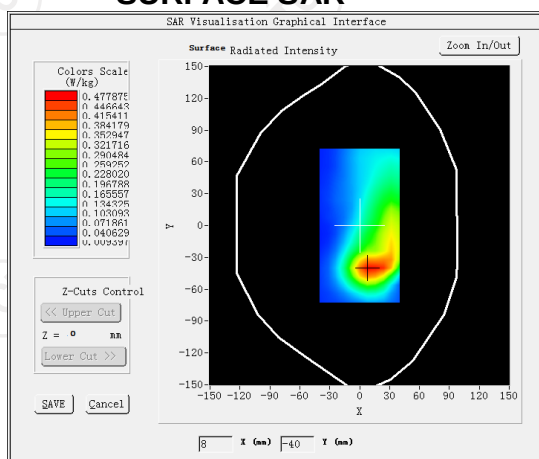
Middle Band SAR (Channel 18900):

Date: 01/23/2024

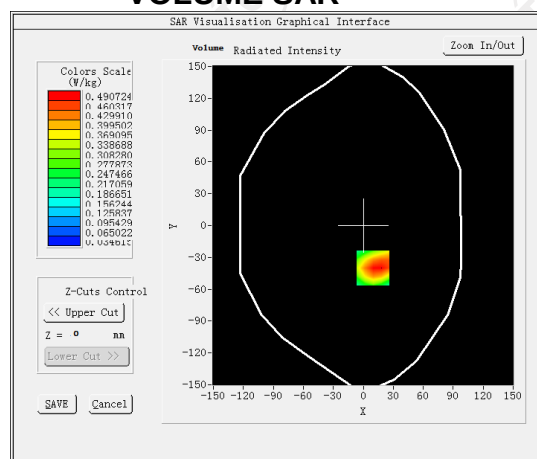
Frequency (MHz)	1880.000000
Relative permittivity (real part)	40.000000
Relative permittivity (imaginary part)	13.411700
Conductivity (S/m)	1.400405
Variation (%)	2.160000
Crest Factor	1.0
Probe Conversion factor	2.23
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>

Phantom	Validation plane
Device Position	Body back(hotspot 10mm)
Band	LTE band 2 (1 RB#0)

SURFACE SAR

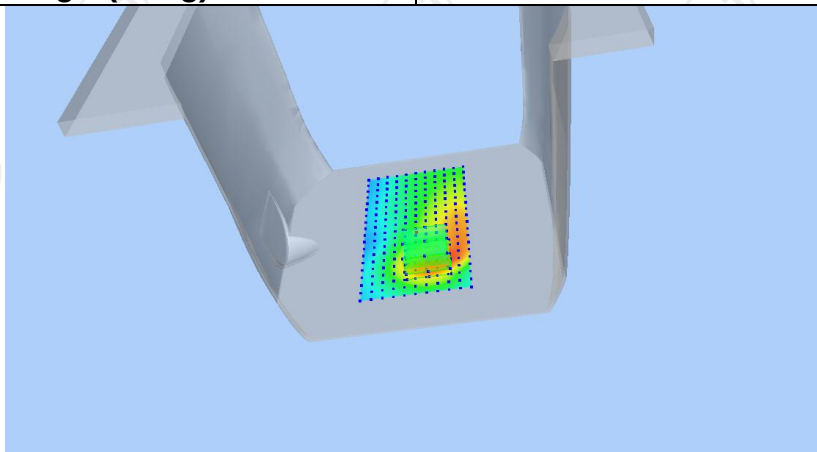


VOLUME SAR

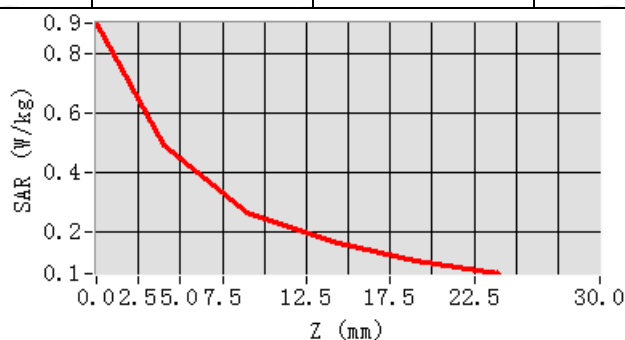


Maximum location: X=10.00, Y=-40.00 SAR Peak: 0.75 W/kg

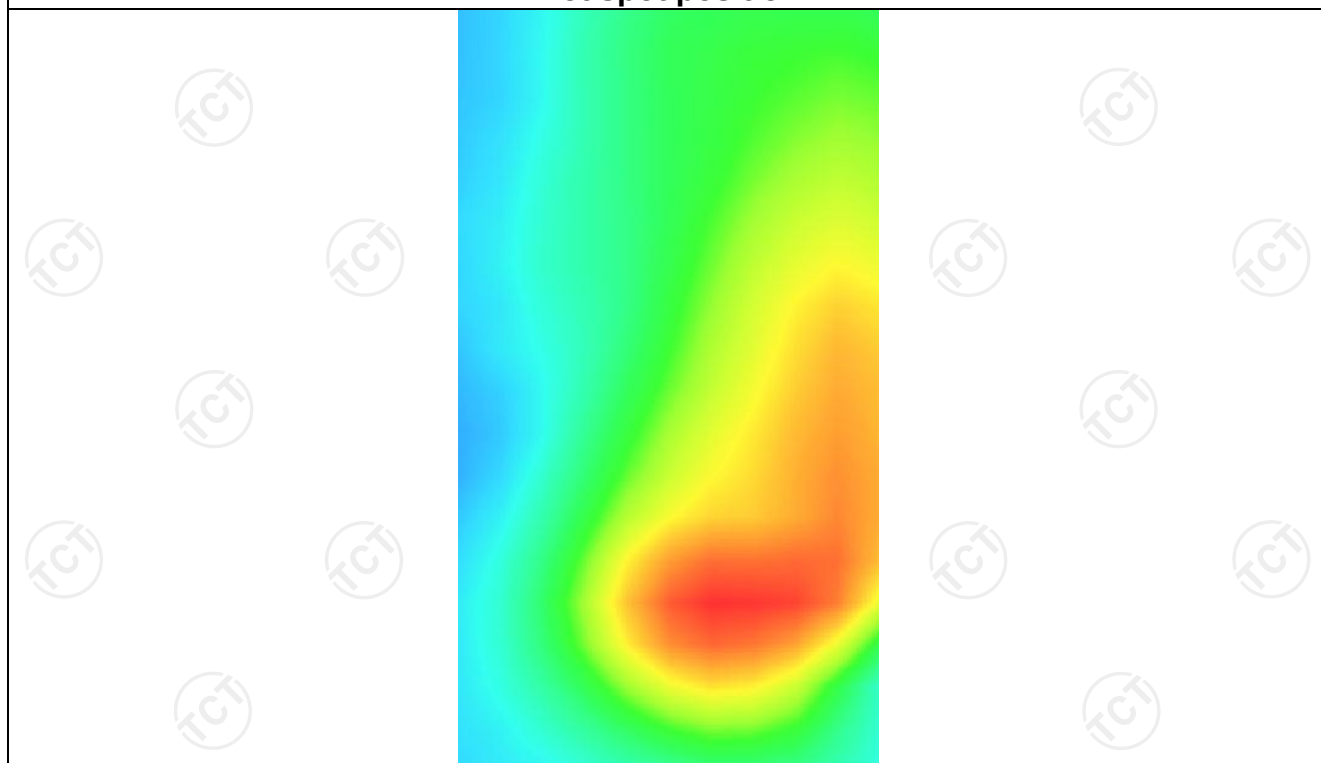
SAR 10g (W/Kg)	0.278612
SAR 1g (W/Kg)	0.413082



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



Hot spot position



LTE Band 4

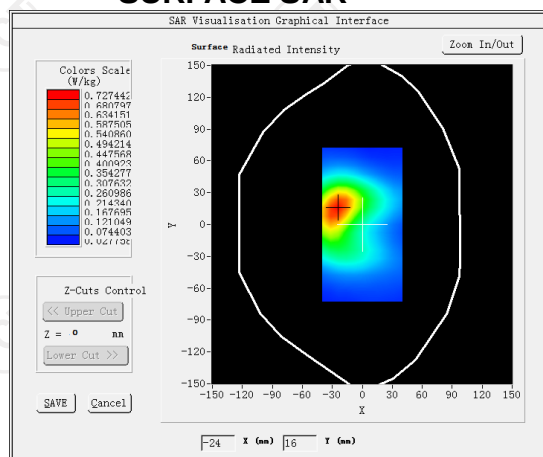
MEASUREMENT 1

Middle Band SAR (Channel 20175):

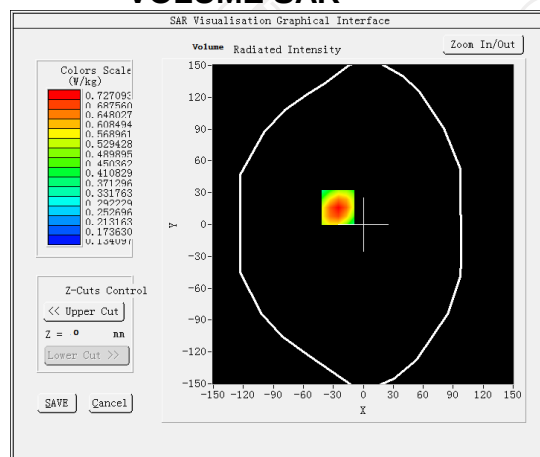
Date: 01/19/2024

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

SURFACE SAR

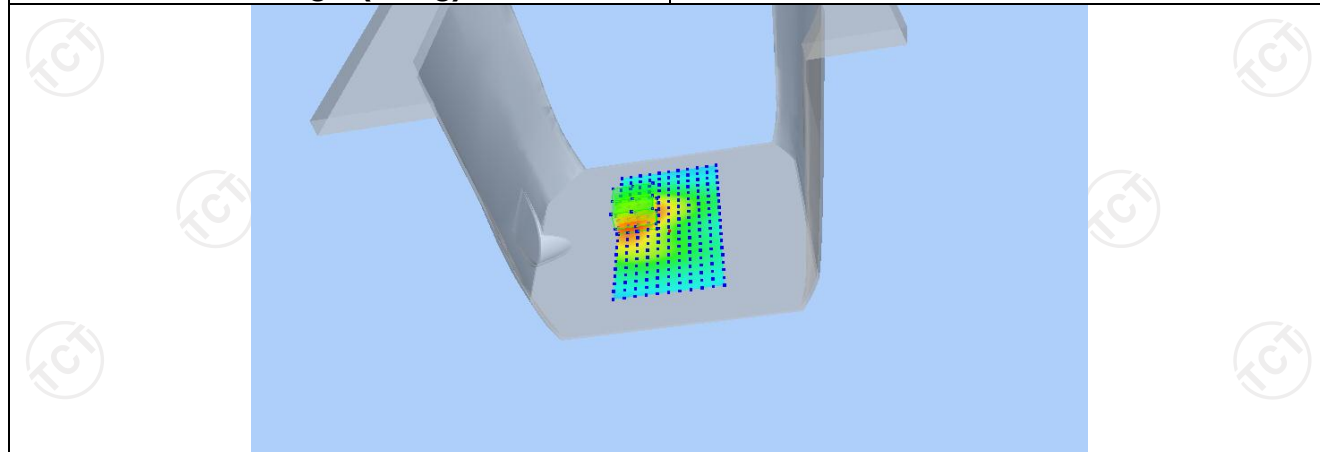


VOLUME SAR

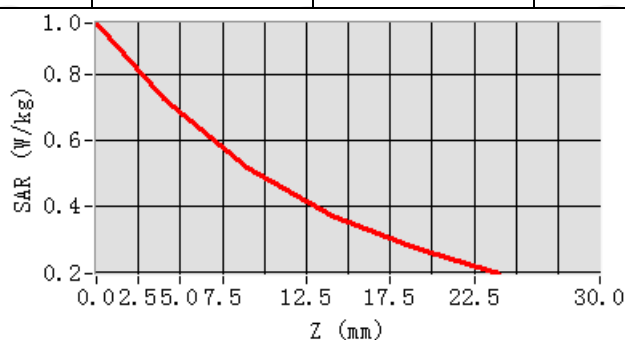


Maximum location: X=-25.00, Y=16.00 SAR Peak: 0.95 W/kg

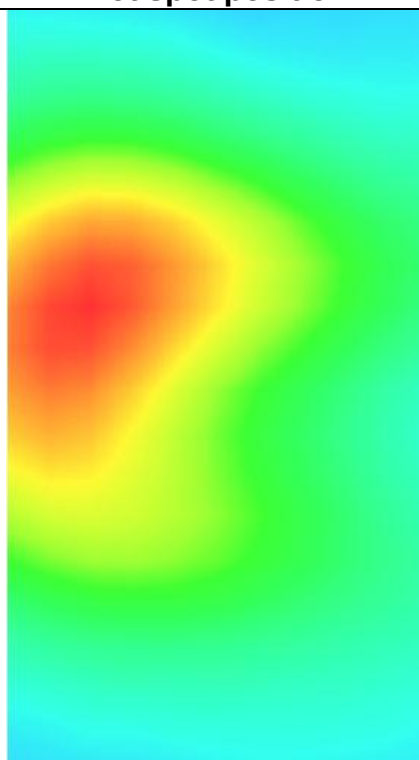
SAR 10g (W/Kg)	0.358072
SAR 1g (W/Kg)	0.512371



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



Hot spot position



MEASUREMENT 2

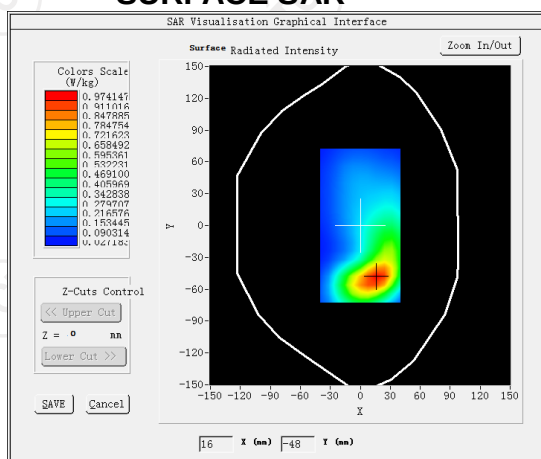
Middle Band SAR (Channel 20175):

Date: 01/19/2024

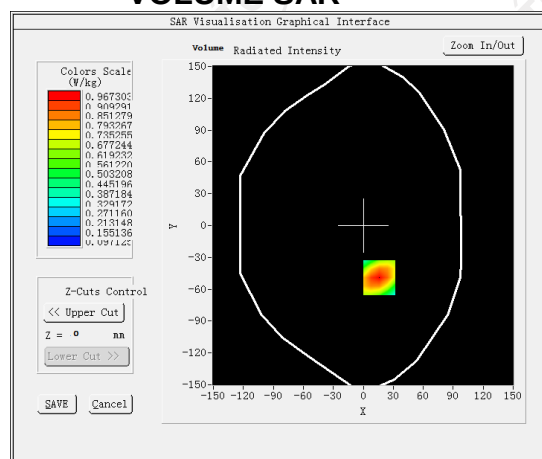
Frequency (MHz)	1732.500000
Relative permittivity (real part)	40.115910
Relative permittivity (imaginary part)	14.136136
Conductivity (S/m)	1.360603
Variation (%)	4.590000
Crest Factor	1.0
Probe Conversion factor	2.08
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>

Phantom	<u>Validation plane</u>
Device Position	<u>Body back(10mm)</u>
Band	<u>LTE band 4(1 RB#0)</u>

SURFACE SAR



VOLUME SAR



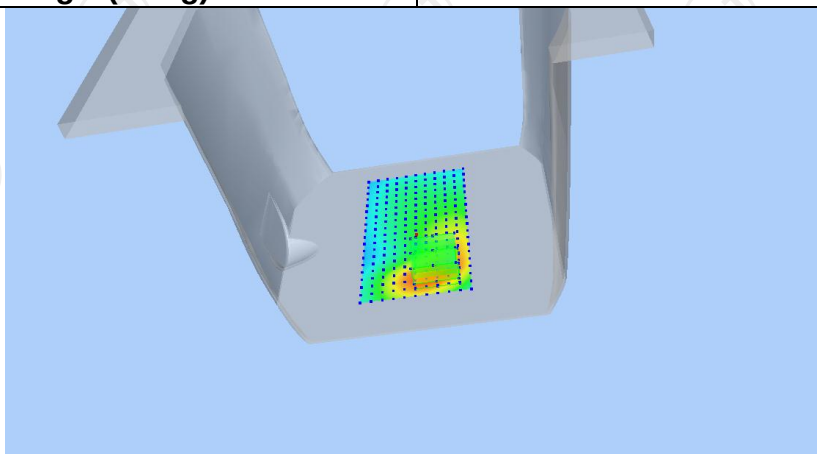
Maximum location: X=16.00, Y=-49.00 SAR Peak: 1.35 W/kg

SAR 10g (W/Kg)

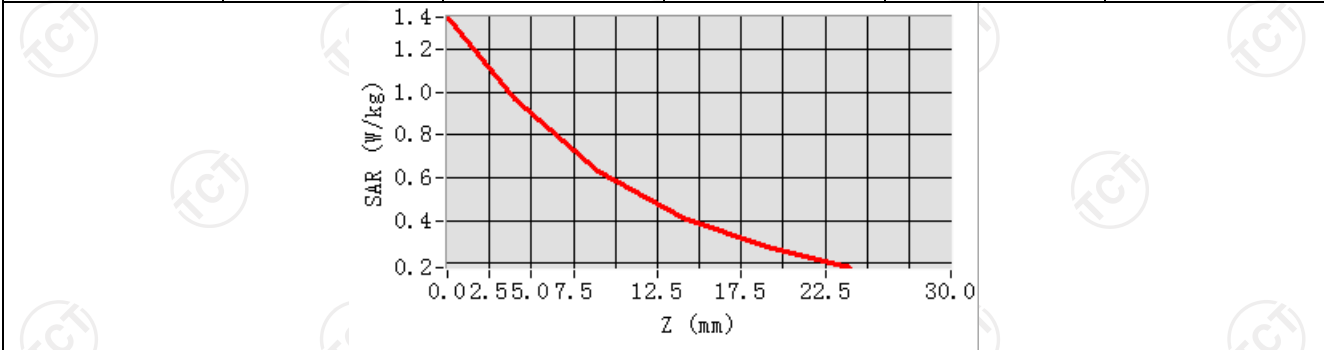
0.439167

SAR 1g (W/Kg)

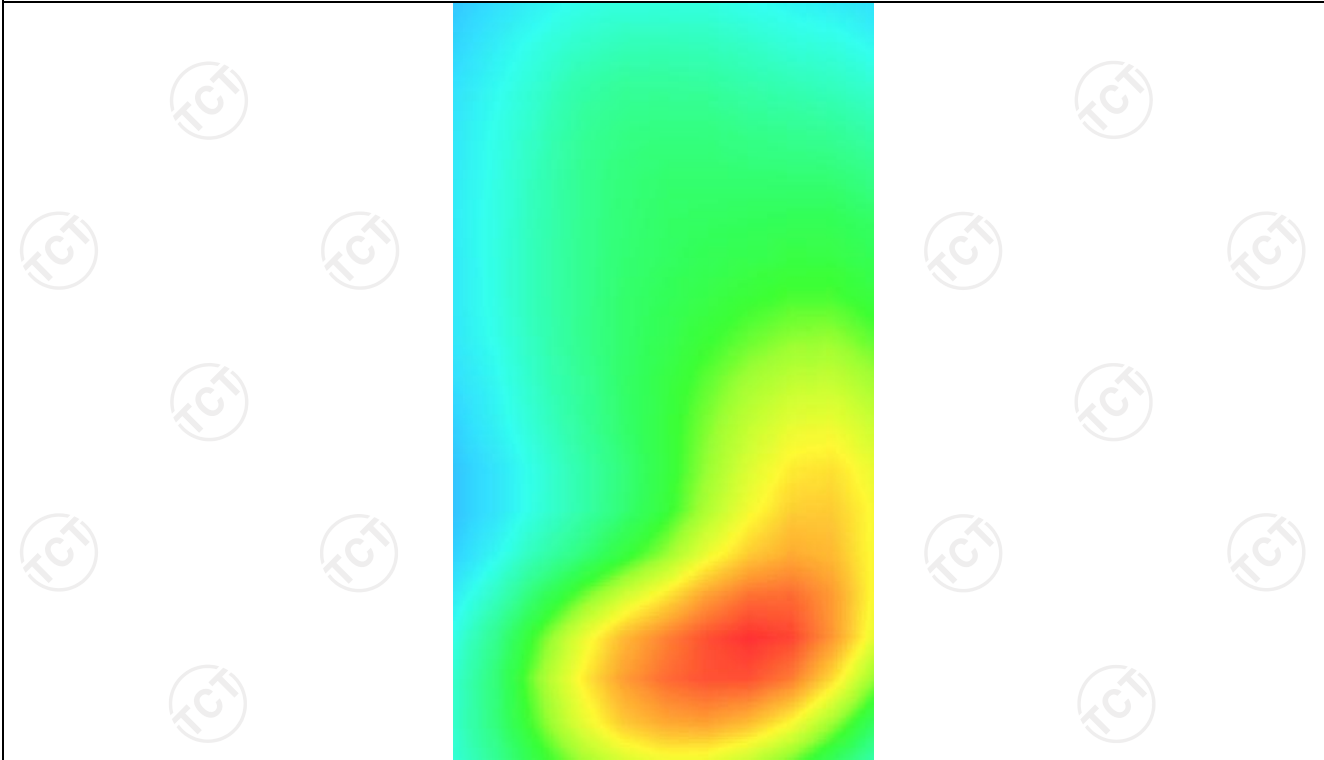
0.734619



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



Hot spot position



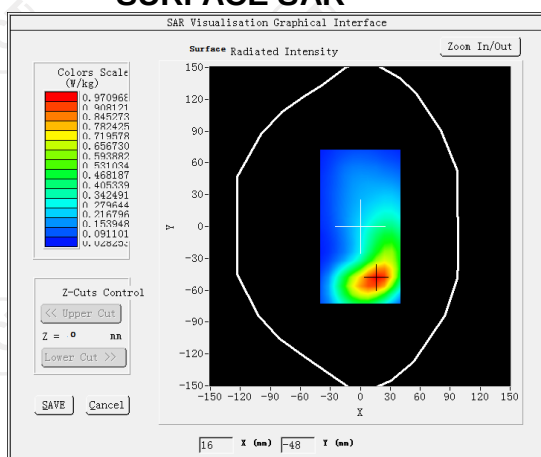
MEASUREMENT 3

Middle Band SAR (Channel 20175):

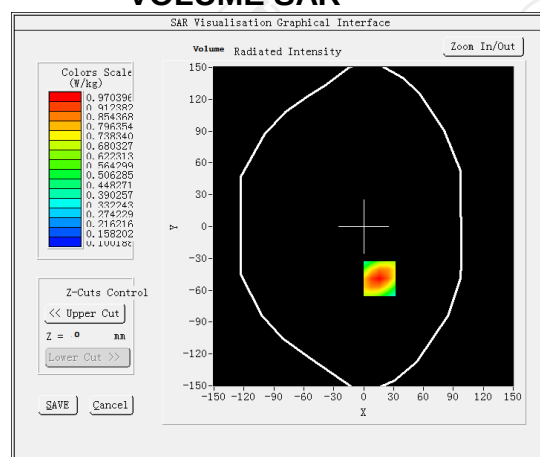
Date: 01/19/2024

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

SURFACE SAR

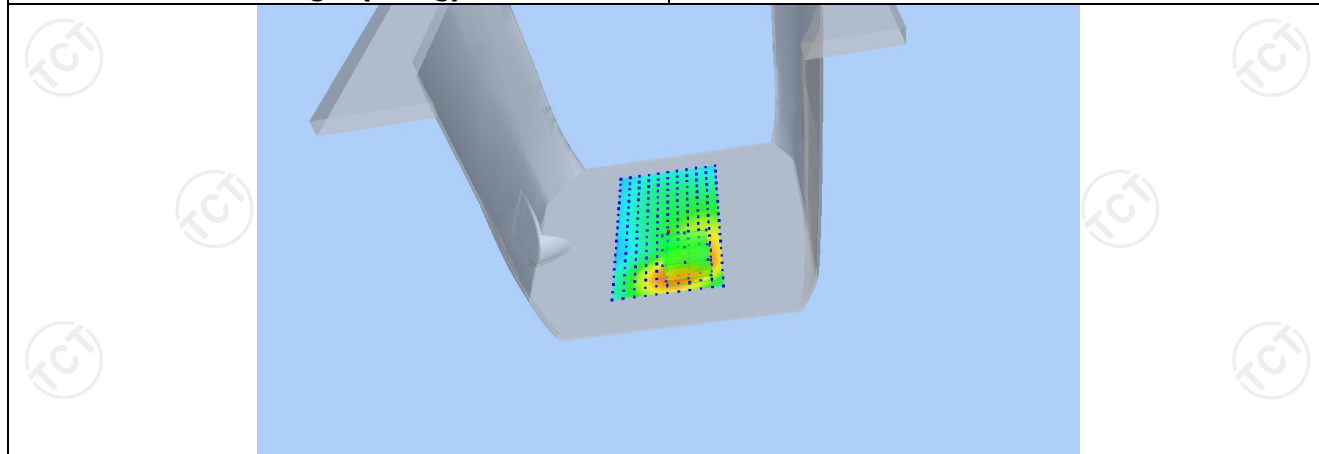


VOLUME SAR

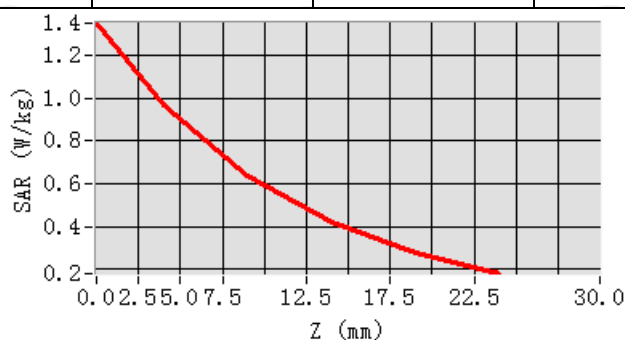


Maximum location: X=16.00, Y=-49.00 SAR Peak: 1.35 W/kg

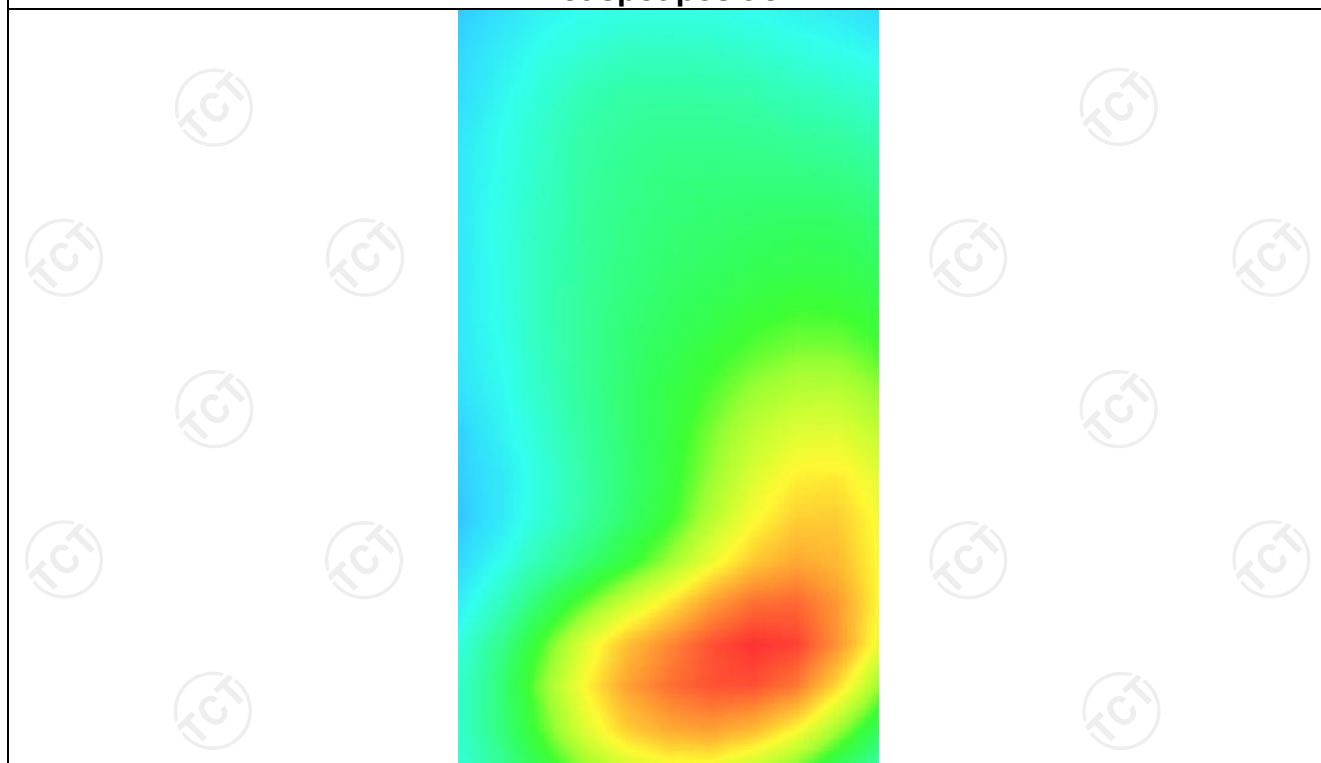
SAR 10g (W/Kg)	0.486473
SAR 1g (W/Kg)	0.709796



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



Hot spot position



LTE Band 5

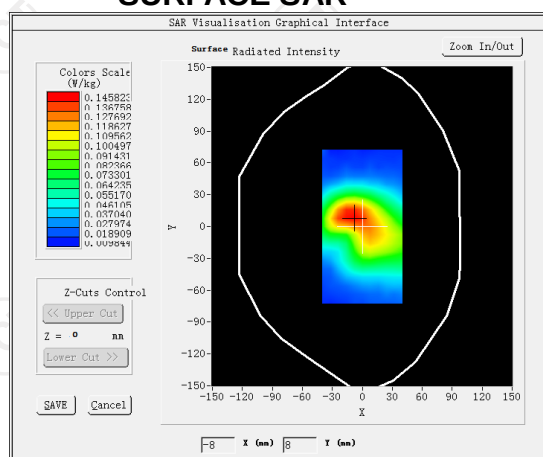
MEASUREMENT 1

High Band SAR (Channel 20600):

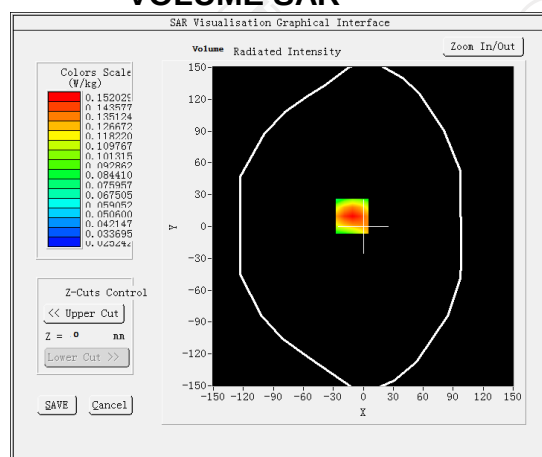
Date: 01/16/2024

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

SURFACE SAR

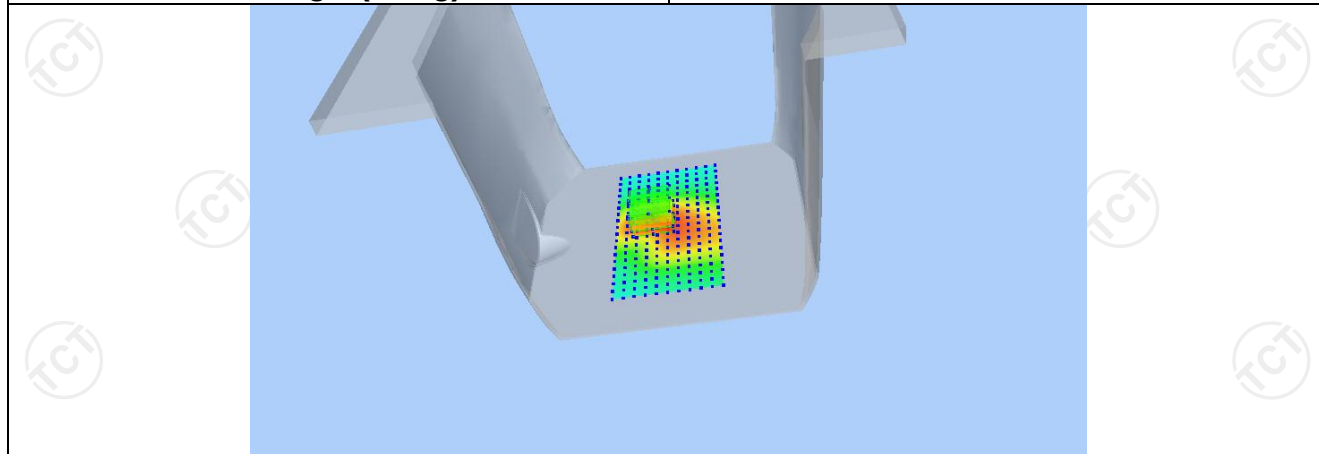


VOLUME SAR

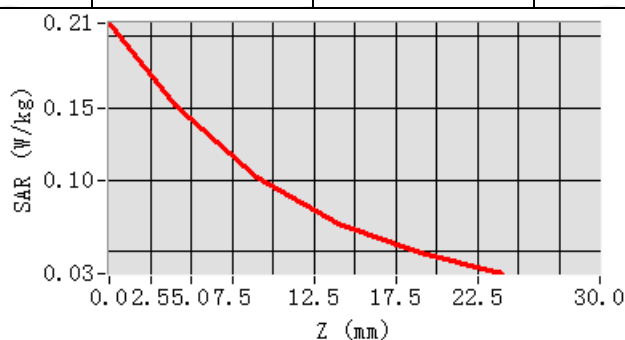


Maximum location: X=-11.00, Y=10.00 SAR Peak: 0.21 W/kg

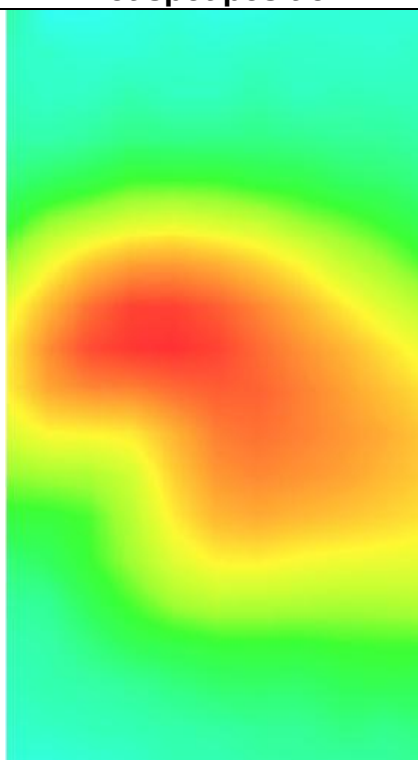
SAR 10g (W/Kg)	0.105634
SAR 1g (W/Kg)	0.135491



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



Hot spot position



MEASUREMENT 2

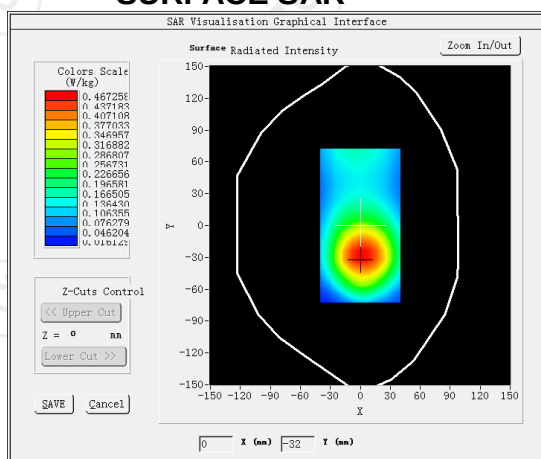
High Band SAR (Channel 20600):

Date: 01/16/2024

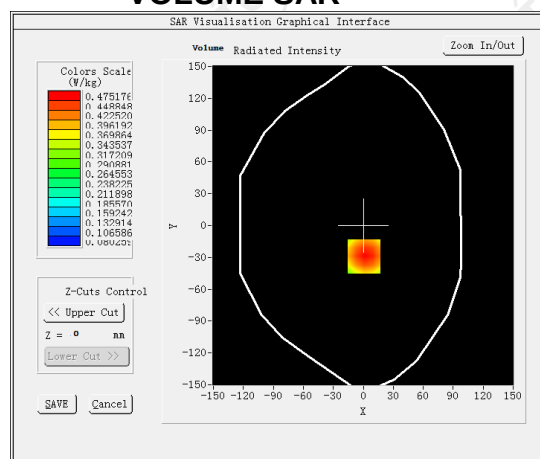
Frequency (MHz)	844.000000
Relative permittivity (real part)	41.500000
Relative permittivity (imaginary part)	19.400000
Conductivity (S/m)	0.901561
Variation (%)	2.400000
Crest Factor	1.0
Probe Conversion factor	1.80
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>

Phantom	<u>Validation plane</u>
Device Position	<u>Body back(10mm)</u>
Band	<u>LTE band 5(1 RB#0)</u>

SURFACE SAR

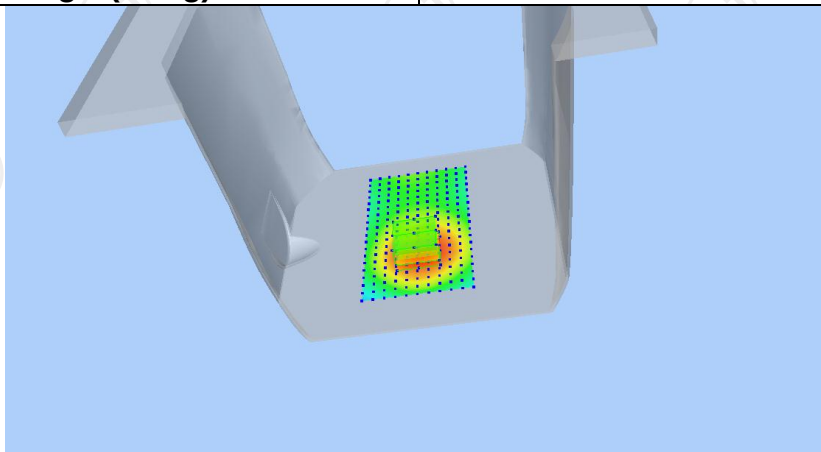


VOLUME SAR

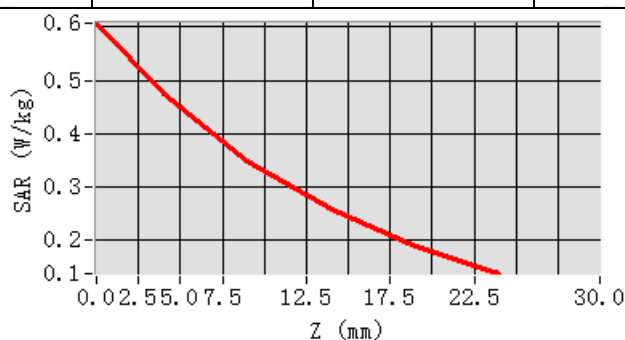


Maximum location: X=1.00, Y=-29.00 SAR Peak: 0.61 W/kg

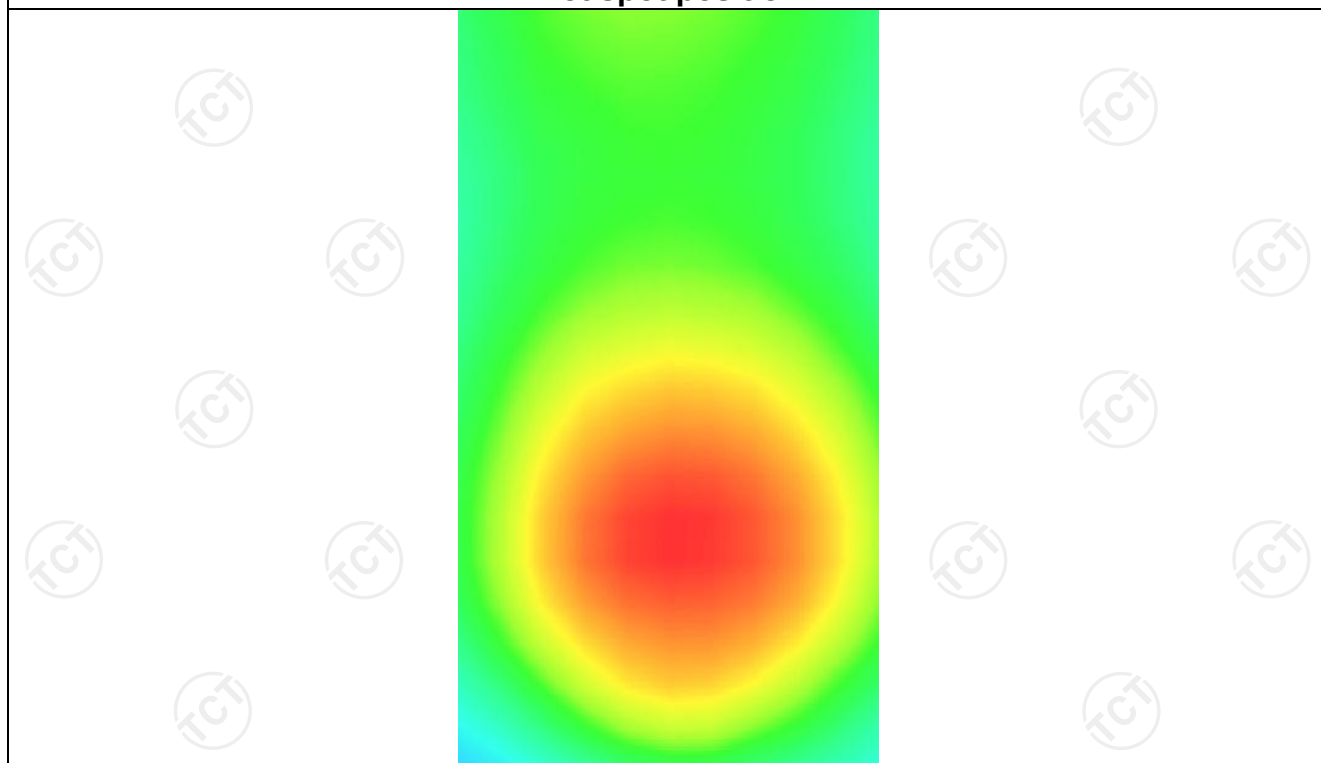
SAR 10g (W/Kg)	0.186137
SAR 1g (W/Kg)	0.315303



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



Hot spot position



MEASUREMENT 3

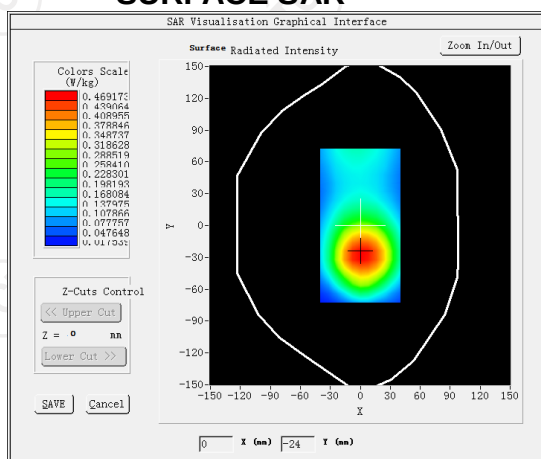
High Band SAR (Channel 20600):

Date: 01/16/2024

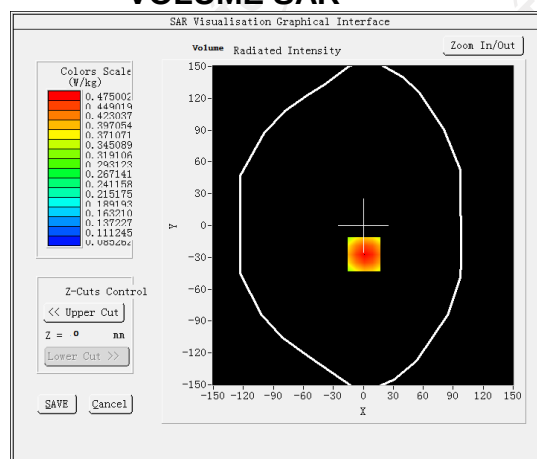
Frequency (MHz)	844.000000
Relative permittivity (real part)	41.500000
Relative permittivity (imaginary part)	19.400000
Conductivity (S/m)	0.901561
Variation (%)	0.120000
Crest Factor	1.0
Probe Conversion factor	1.80
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>

Phantom	Validation plane
Device Position	Body back((hotspot 10mm)
Band	<u>LTE band 5(1 RB#0)</u>

SURFACE SAR

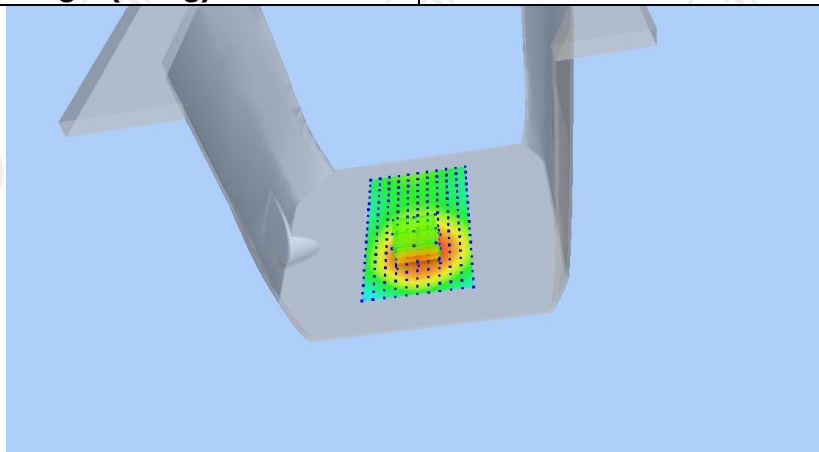


VOLUME SAR

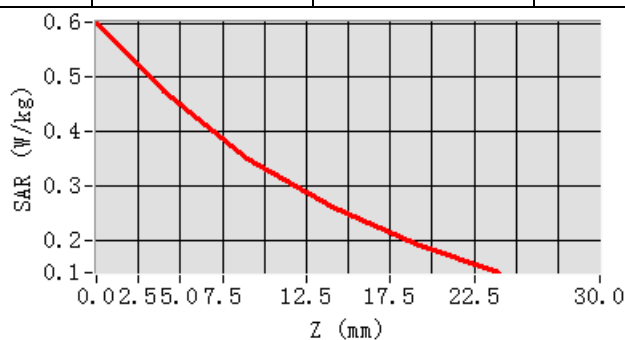


Maximum location: X=1.00, Y=-27.00 SAR Peak: 0.60 W/kg

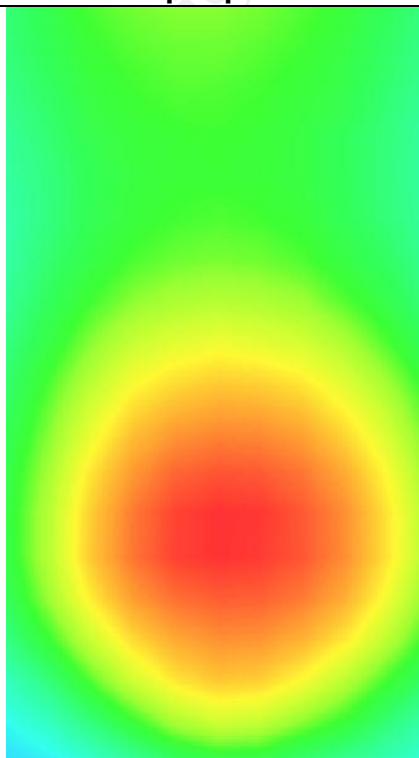
SAR 10g (W/Kg)	0.121940
SAR 1g (W/Kg)	0.306042



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



Hot spot position



LTE Band 7

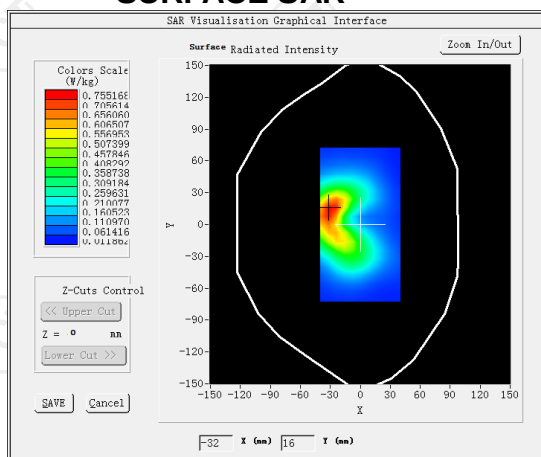
MEASUREMENT 1

Middle Band SAR (Channel 21100):

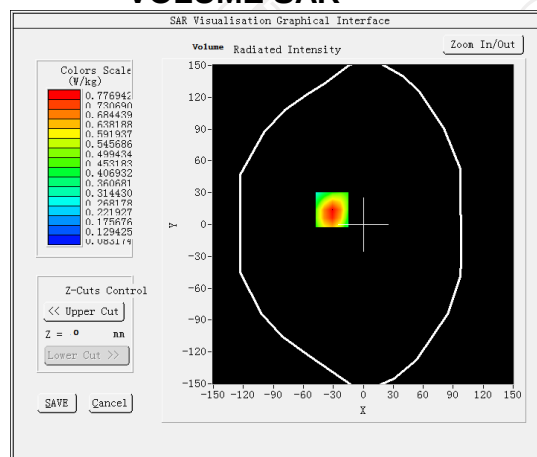
Date: 01/26/2024

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

SURFACE SAR

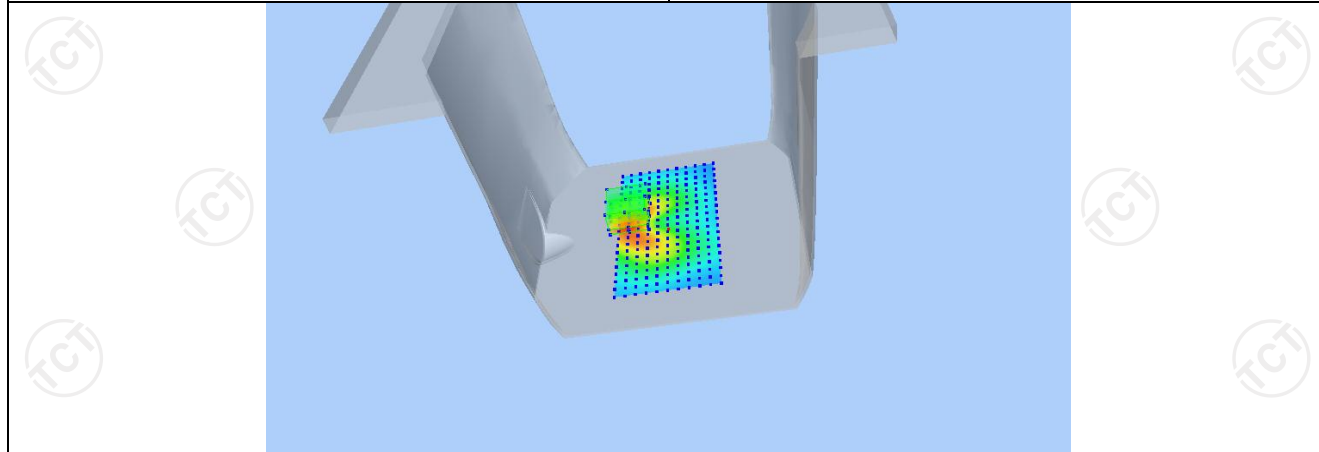


VOLUME SAR

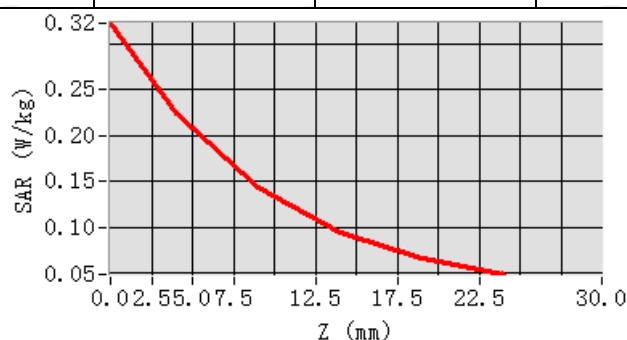


Maximum location: X=-31.00, Y=14.00 SAR Peak: 0.33 W/kg

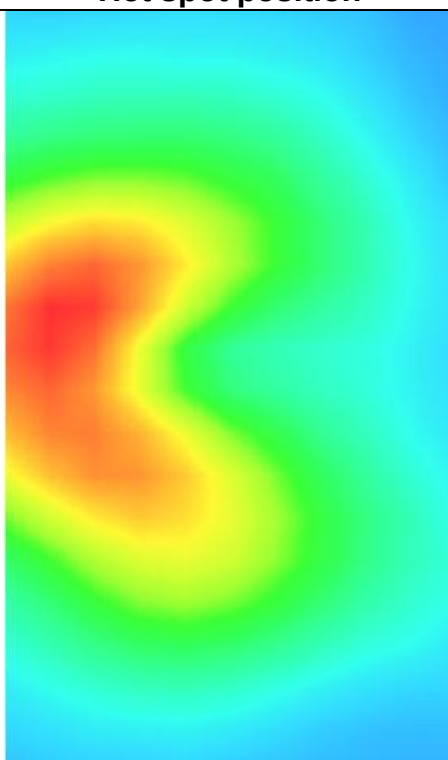
SAR 10g (W/Kg)	0.106752
SAR 1g (W/Kg)	0.206135



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



Hot spot position



MEASUREMENT 2

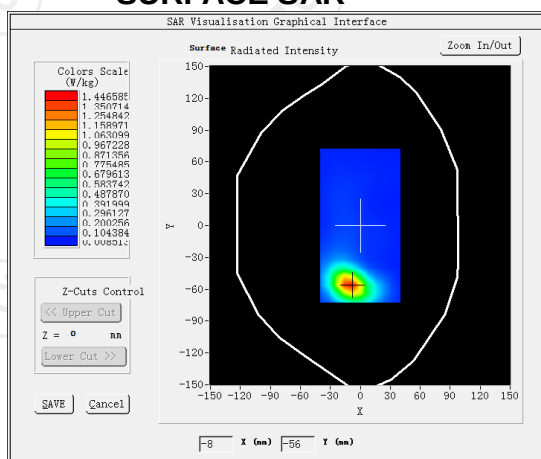
Middle Band SAR (Channel 21100):

Date: 01/26/2024

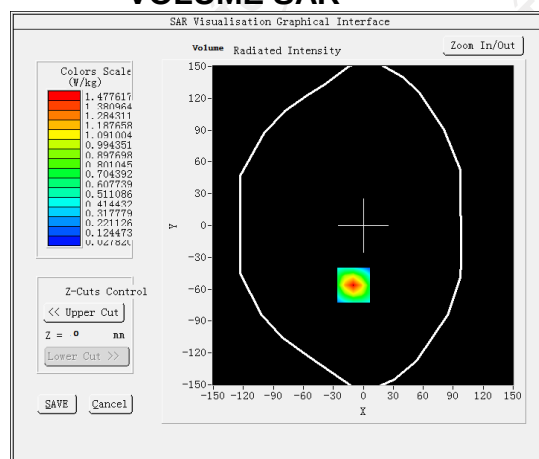
Frequency (MHz)	2535.000000
Relative permittivity (real part)	37.432823
Relative permittivity (imaginary part)	13.671675
Conductivity (S/m)	1.925428
Variation (%)	0.790000
Crest Factor	1.0
Probe Conversion factor	4.36
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=12mm dy=12mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7, dx=5mm dy=5mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>

Phantom	<u>Validation plane</u>
Device Position	<u>Body back(10mm)</u>
Band	<u>LTE band 7(1 RB#0)</u>

SURFACE SAR



VOLUME SAR



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

SAR 10g (W/Kg)	0.416204
SAR 1g (W/Kg)	0.642840

