

LTE Band 4 QPSK (20MHz)	Front	1	0.43	0.01	0.44	N/A	N/A
		50	0.40	0.01	0.41	N/A	N/A
	Back	1	0.56	0.01	0.57	N/A	N/A
		50	0.52	0.01	0.53	N/A	N/A
	Left	1	0.28	/	0.28	N/A	N/A
		50	0.26	/	0.26	N/A	N/A
	Right	1	/	0.01	0.01	N/A	N/A
		50	/	0.01	0.01	N/A	N/A
	Top	1	/	0.01	0.01	N/A	N/A
		50	/	0.01	0.01	N/A	N/A
LTE Band 5 QPSK (10MHz)	Front	1	0.28	0.01	0.29	N/A	N/A
		25	0.22	0.01	0.23	N/A	N/A
	Back	1	0.38	0.01	0.39	N/A	N/A
		25	0.31	0.01	0.32	N/A	N/A
	Left	1	0.22	/	0.22	N/A	N/A
		25	0.18	/	0.18	N/A	N/A
	Right	1	/	0.01	0.01	N/A	N/A
		25	/	0.01	0.01	N/A	N/A
	Top	1	/	0.01	0.01	N/A	N/A
		25	/	0.01	0.01	N/A	N/A
LTE Band 12 QPSK (10MHz)	Front	1	0.14	0.01	0.15	N/A	N/A
		25	0.10	0.01	0.11	N/A	N/A
	Back	1	0.20	0.01	0.21	N/A	N/A
		25	0.14	0.01	0.15	N/A	N/A
	Left	1	0.10	/	0.10	N/A	N/A
		25	0.07	/	0.07	N/A	N/A
	Right	1	/	0.01	0.01	N/A	N/A
		25	/	0.01	0.01	N/A	N/A
	Top	1	/	0.01	0.01	N/A	N/A
		25	/	0.01	0.01	N/A	N/A
	Bottom	1	0.11	/	0.11	N/A	N/A
		25	0.08	/	0.08	N/A	N/A

LTE Band 17 QPSK (10MHz)	Front	1	0.15	0.01	0.16	N/A	N/A
		25	0.11	0.01	0.12	N/A	N/A
	Back	1	0.24	0.01	0.25	N/A	N/A
		25	0.17	0.01	0.18	N/A	N/A
	Left	1	0.11	/	0.11	N/A	N/A
		25	0.07	/	0.07	N/A	N/A
	Right	1	/	0.01	0.01	N/A	N/A
		25	/	0.01	0.01	N/A	N/A
	Top	1	/	0.01	0.01	N/A	N/A
		25	/	0.01	0.01	N/A	N/A
	Bottom	1	0.12	/	0.12	N/A	N/A
		25	0.10	/	0.10	N/A	N/A
LTE Band 25 QPSK (20MHz)	Front	1	0.41	0.01	0.42	N/A	N/A
		37	0.37	0.01	0.38	N/A	N/A
	Back	1	0.49	0.01	0.50	N/A	N/A
		37	0.44	0.01	0.45	N/A	N/A
	Left	1	0.30	/	0.30	N/A	N/A
		37	0.26	/	0.26	N/A	N/A
	Right	1	/	0.01	0.01	N/A	N/A
		37	/	0.01	0.01	N/A	N/A
	Top	1	/	0.01	0.01	N/A	N/A
		37	/	0.01	0.01	N/A	N/A
	Bottom	1	0.33	/	0.33	N/A	N/A
		37	0.29	/	0.29	N/A	N/A
LTE Band 26-1 QPSK (10MHz)	Front	1	0.24	0.01	0.25	N/A	N/A
		25	0.20	0.01	0.21	N/A	N/A
	Back	1	0.30	0.01	0.31	N/A	N/A
		25	0.24	0.01	0.25	N/A	N/A
	Left	1	0.17	/	0.17	N/A	N/A
		25	0.13	/	0.13	N/A	N/A
	Right	1	/	0.01	0.01	N/A	N/A
		25	/	0.01	0.01	N/A	N/A
	Top	1	/	0.01	0.01	N/A	N/A
		25	/	0.01	0.01	N/A	N/A
	Bottom	1	0.20	/	0.20	N/A	N/A
		25	0.17	/	0.17	N/A	N/A

LTE Band 26-2 QPSK (15MHz)	Front	1	0.19	0.01	0.20	N/A	N/A
		38	0.16	0.01	0.17	N/A	N/A
	Back	1	0.26	0.01	0.27	N/A	N/A
		38	0.21	0.01	0.22	N/A	N/A
	Left	1	0.10	/	0.10	N/A	N/A
		38	0.09	/	0.09	N/A	N/A
	Right	1	/	0.01	0.01	N/A	N/A
		38	/	0.01	0.01	N/A	N/A
	Top	1	/	0.01	0.01	N/A	N/A
		38	/	0.01	0.01	N/A	N/A
	Bottom	1	0.13	/	0.13	N/A	N/A
		38	0.12	/	0.12	N/A	N/A
LTE Band41 QPSK (20MHz)	Front	1	0.11	0.01	0.12	N/A	N/A
		50	0.10	0.01	0.11	N/A	N/A
	Back	1	0.14	0.01	0.15	N/A	N/A
		50	0.12	0.01	0.13	N/A	N/A
	Left	1	0.09	/	0.09	N/A	N/A
		50	0.07	/	0.07	N/A	N/A
	Right	1	/	0.01	0.01	N/A	N/A
		50	/	0.01	0.01	N/A	N/A
	Top	1	/	0.01	0.01	N/A	N/A
		50	/	0.01	0.01	N/A	N/A
	Bottom	1	0.10	/	0.10	N/A	N/A
		50	0.08	/	0.08	N/A	N/A
LTE Band 66 QPSK (20MHz)	Front	1	0.25	0.01	0.26	N/A	N/A
		50	0.23	0.01	0.24	N/A	N/A
	Back	1	0.31	0.01	0.32	N/A	N/A
		50	0.27	0.01	0.28	N/A	N/A
	Left	1	0.20	/	0.20	N/A	N/A
		50	0.15	/	0.15	N/A	N/A
	Right	1	/	0.01	0.01	N/A	N/A
		50	/	0.01	0.01	N/A	N/A
	Top	1	/	0.01	0.01	N/A	N/A
		50	/	0.01	0.01	N/A	N/A
	Bottom	1	0.21	/	0.21	N/A	N/A
		50	0.19	/	0.19	N/A	N/A

LTE Band 71 QPSK (20MHz)	Front	1	0.24	0.01	0.25	N/A	N/A
		50	0.20	0.01	0.21	N/A	N/A
	Back	1	0.29	0.01	0.30	N/A	N/A
		50	0.26	0.01	0.27	N/A	N/A
	Left	1	0.16	/	0.16	N/A	N/A
		50	0.14	/	0.14	N/A	N/A
	Right	1	/	0.01	0.01	N/A	N/A
		50	/	0.01	0.01	N/A	N/A
	Top	1	/	0.01	0.01	N/A	N/A
		50	/	0.01	0.01	N/A	N/A
	Bottom	1	0.21	/	0.21	N/A	N/A
		50	0.16	/	0.16	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 (150MHz-6GHz)

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%CONFIDENCEINTERVAL)			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	Angilent	N5182A	MY47070282	Jun. 27, 2024	Jun. 26, 2025
Multimeter	Keithley	Multimeter 2000	4078275	Jun. 27, 2024	Jun. 26, 2025
Network Analyzer	Agilent	8753E	US38432457	Jun. 27, 2024	Jun. 26, 2025
Wideband Radio Communication Tester	R&S	CMW500	114220	Jun. 27, 2024	Jun. 26, 2025
Power Meter	Agilent	E4418B	GB43312526	Jun. 27, 2024	Jun. 26, 2025
Power Meter	Agilent	E4416A	MY45101555	Jun. 27, 2024	Jun. 26, 2025
Power Meter	Agilent	N1912A	MY50001018	Jun. 27, 2024	Jun. 26, 2025
Power Sensor	Agilent	E9301A	MY41497725	Jun. 27, 2024	Jun. 26, 2025
Power Sensor	Agilent	E9327A	MY44421198	Jun. 27, 2024	Jun. 26, 2025
Power Sensor	Agilent	E9323A	MY53070005	Jun. 27, 2024	Jun. 26, 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, 2024	Jun. 28, 2025
DIPOLE 750	MVG	SID750	SN 16/15 DIP 0G750-368	Jun. 05, 2024	Jun. 04, 2027
DIPOLE 835	MVG	SID835	SN 16/15 DIP 0G835-369	Jun. 05, 2024	Jun. 04, 2027
DIPOLE 1800	MVG	SID 1800	SN 16/15 DIP 1G800-371	Jun. 05, 2024	Jun. 04, 2027
DIPOLE 1900	MVG	SID1900	SN 16/15 DIP 1G900-372	Jun. 05, 2024	Jun. 04, 2027
DIPOLE 2450	MVG	SID 2450	SN 16/15 DIP 2G450-374	Jun. 05, 2024	Jun. 04, 2027
DIPOLE 2600	MVG	SID 2600	SN 16/15 DIP 2G600-375	Jun. 05, 2024	Jun. 04, 2027
Limesar Dielectric Probe	MVG	SCLMP	SN 19/15 OCPG71	Jun. 05, 2024	Jun. 04, 2025
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: 10/10/2024 Test mode: 750 (Head)

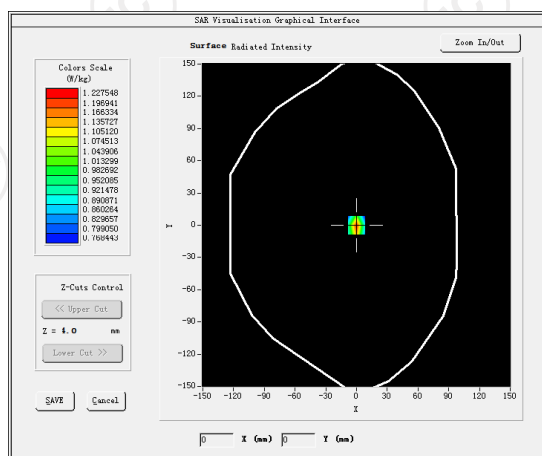
Product Description: Validation

Dipole Model: SID750

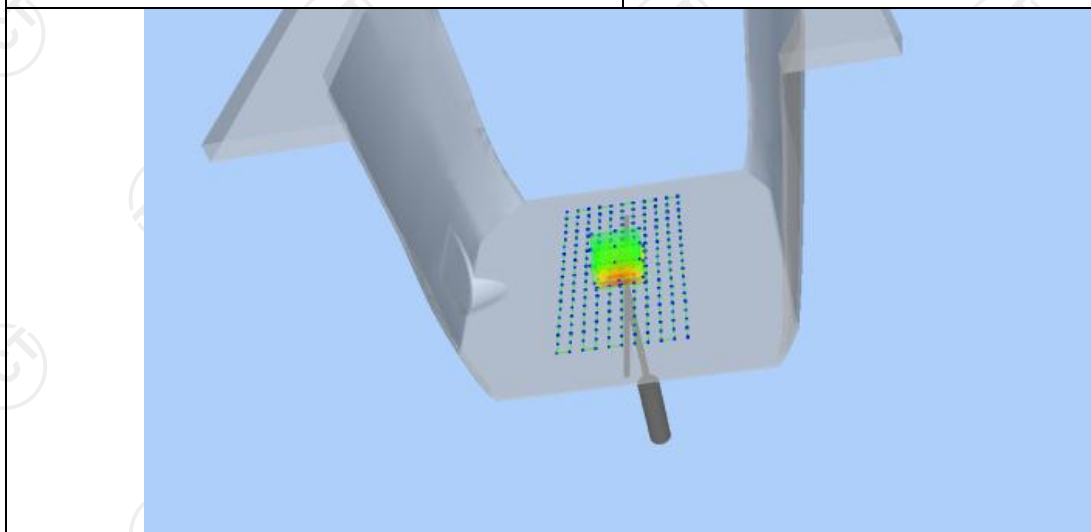
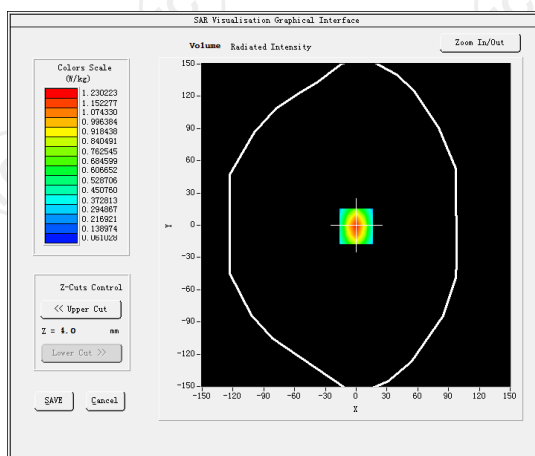
E-Field Probe: SSE2 (SN 25/22 EPGO375)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	1.71
Frequency (MHz)	750.000000
Relative permittivity (real part)	40.862318
Relative permittivity (imaginary part)	21.456092
Conductivity (S/m)	0.911342
Variation (%)	1.360000
SAR 10g (W/Kg)	0.521325
SAR 1g (W/Kg)	0.870632

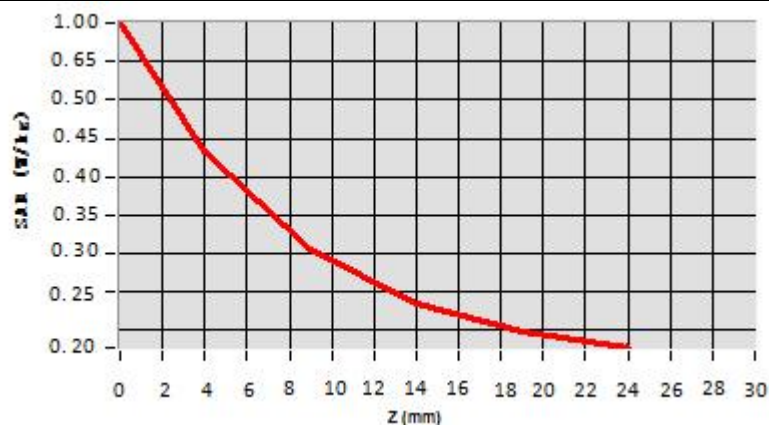
SURFACE SAR



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: 10/16/2024 Test mode: 835 (Head)

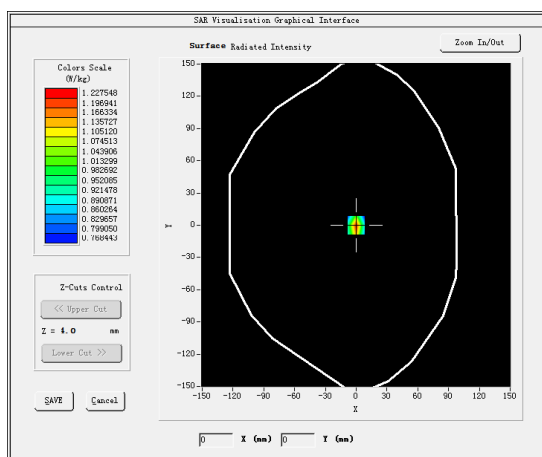
Product Description: Validation

Dipole Model: SID835

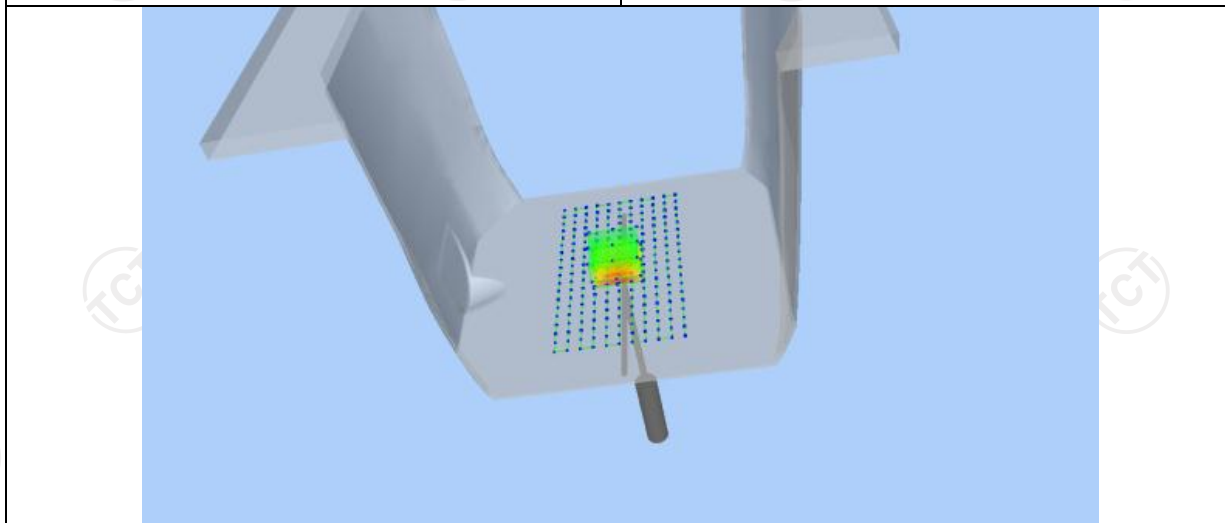
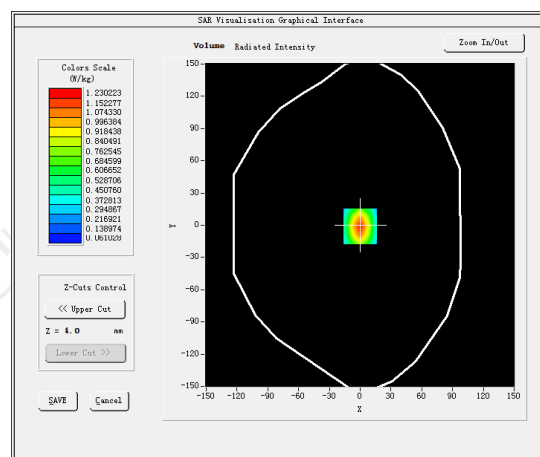
E-Field Probe: SSE2 (SN 25/22 EPGO375)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	1.80
Frequency (MHz)	835.000000
Relative permittivity (real part)	40.580265
Relative permittivity (imaginary part)	19.532013
Conductivity (S/m)	0.920425
Variation (%)	-2.520000
SAR 10g (W/Kg)	0.568375
SAR 1g (W/Kg)	0.890496

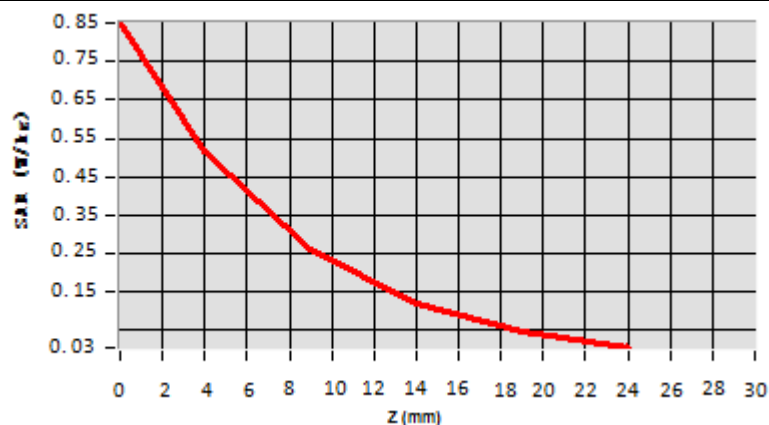
SURFACE SAR



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: 10/22/2024 Test mode: 1800MHz (Head)

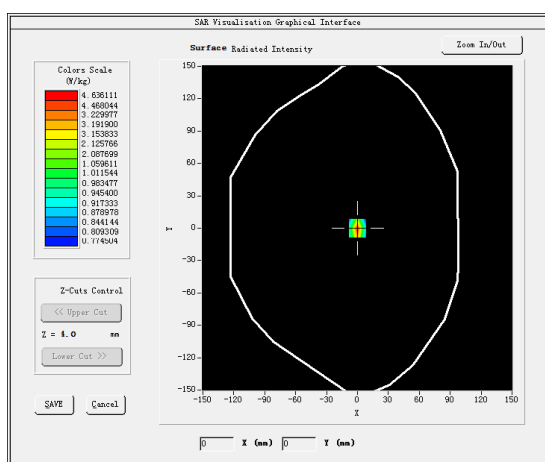
Product Description: Validation

Dipole Model: SID1800

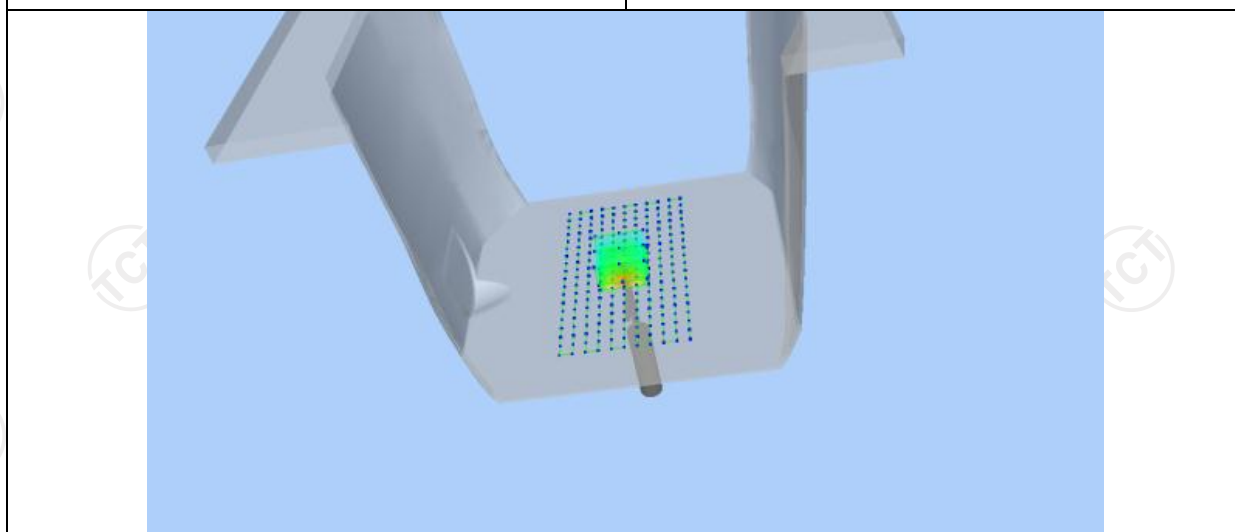
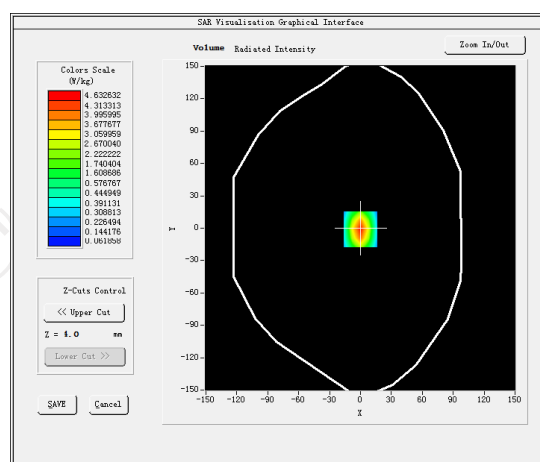
E-Field Probe: SSE2 (SN 25/22 EPGO375)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	2.08
Frequency (MHz)	1800.000000
Relative permittivity (real part)	39.340003
Relative permittivity (imaginary part)	14.1202160
Conductivity (S/m)	1.390400
Variation (%)	0.730000
SAR 10g (W/Kg)	2.180620
SAR 1g (W/Kg)	3.921428

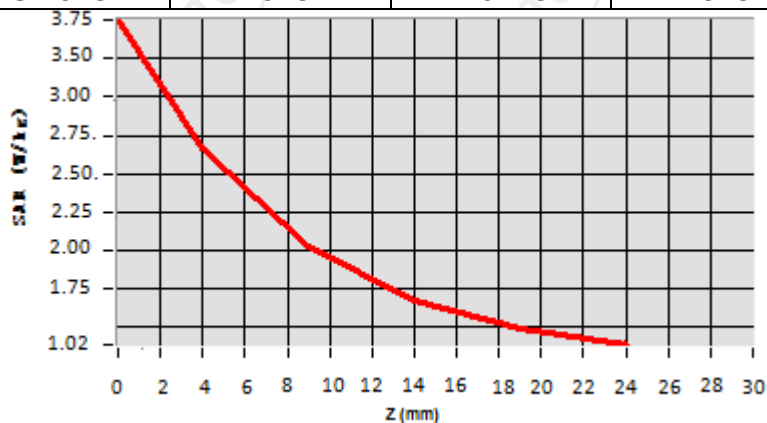
SURFACE SAR



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



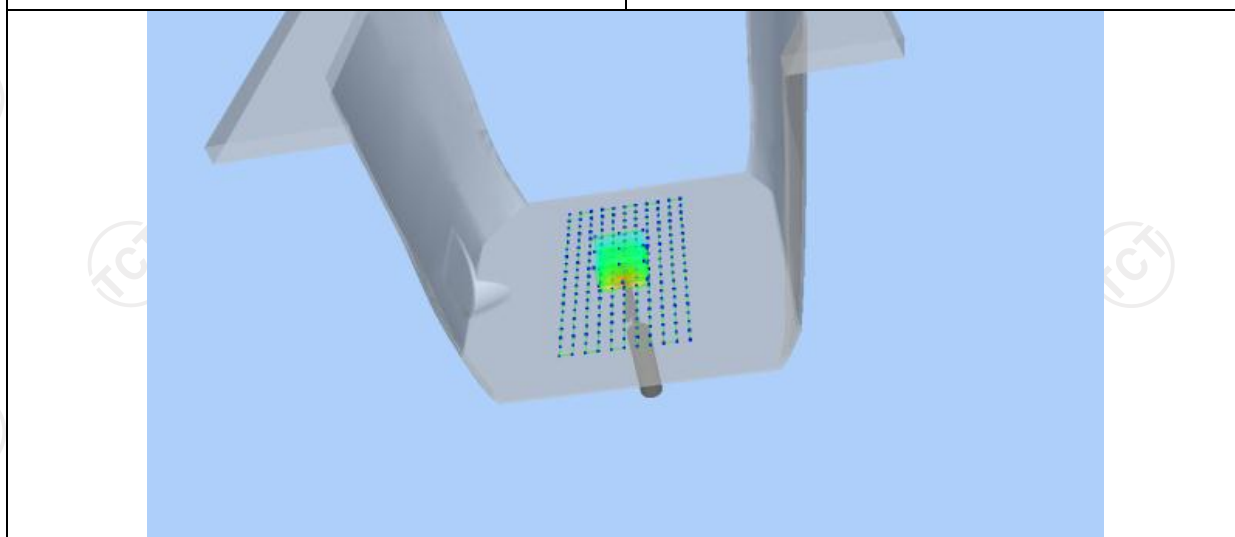
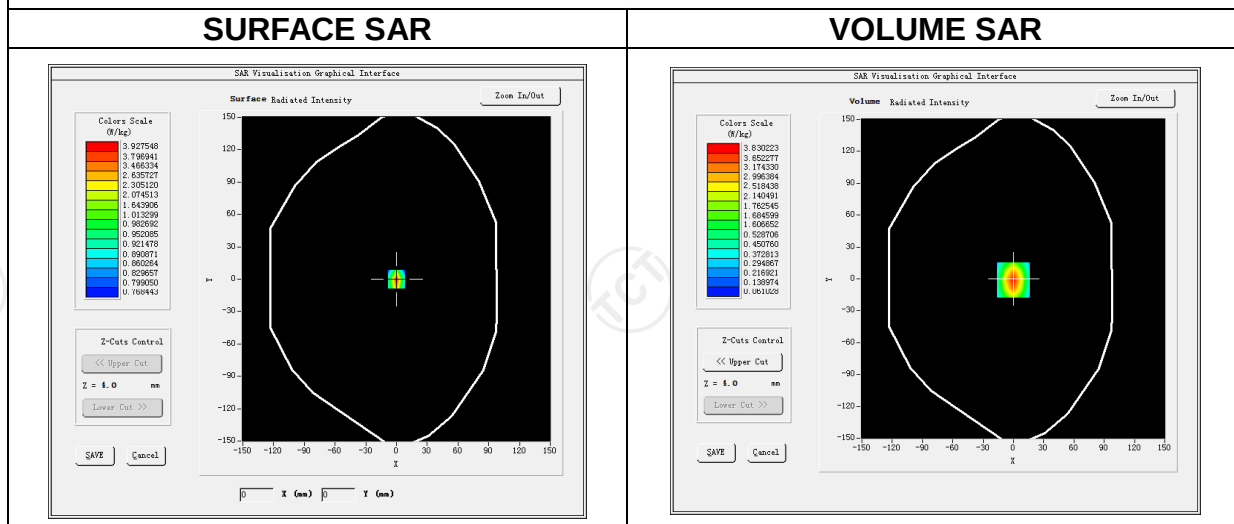
Date of measurement: 10/28/2024 Test mode: 1900MHz (Head)

Product Description: Validation

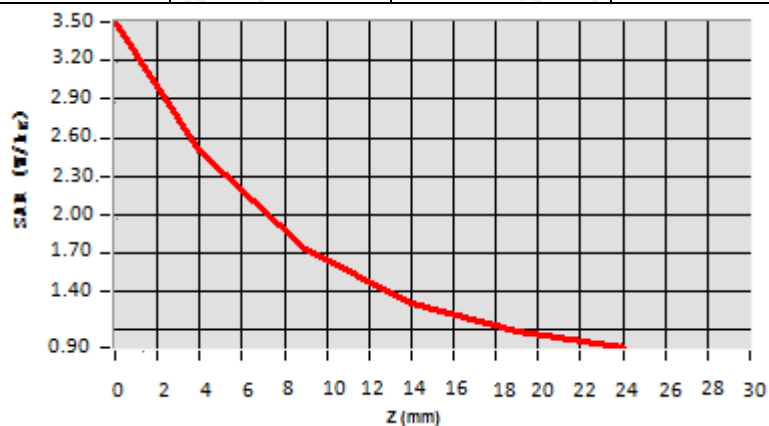
Dipole Model: SID1900

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)	39.210428
Relative permittivity (imaginary part)	13.350663
Conductivity (S/m)	1.410719
Variation (%)	-4.660000
SAR 10g (W/Kg)	1.892756
SAR 1g (W/Kg)	3.737208



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: 11/01/2024 Test mode: 2450MHz (Head)

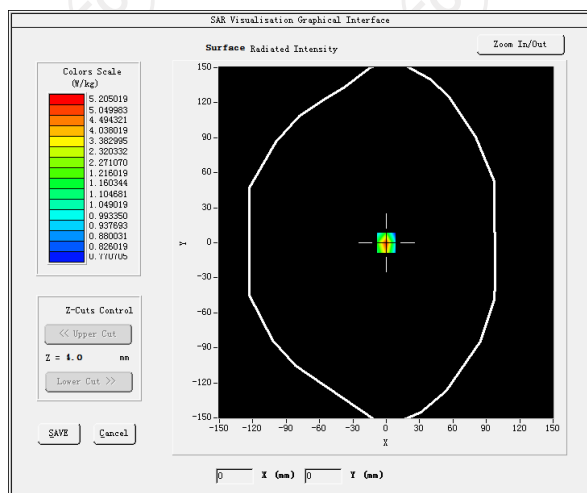
Product Description: Validation

Dipole Model: SID2450

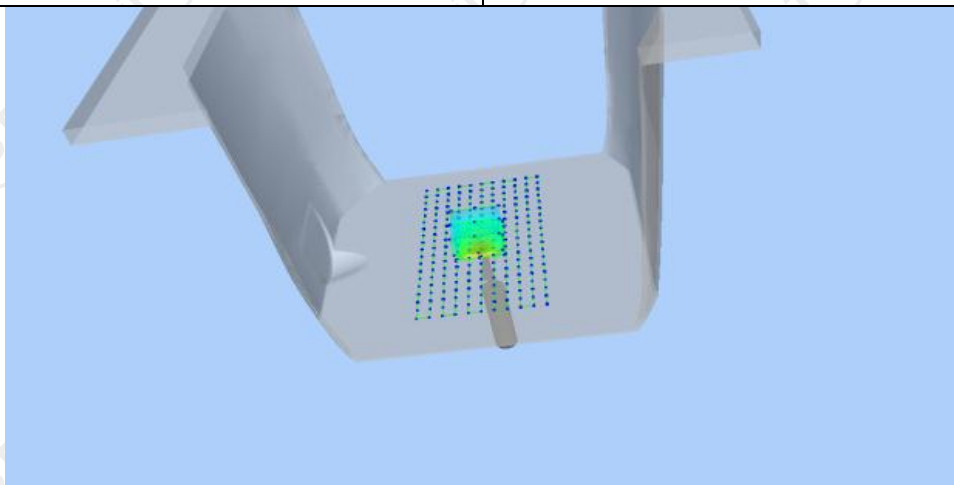
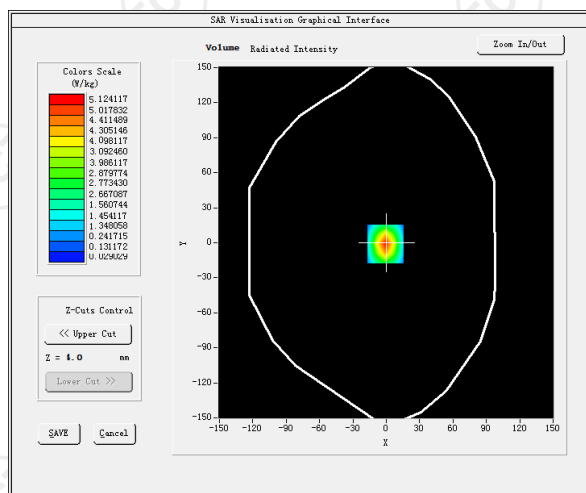
E-Field Probe: SSE2 (SN 25/22 EPGO375)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	2.31
Frequency (MHz)	2450.000000
Relative permittivity (real part)	38.250354
Relative permittivity (imaginary part)	13.334267
Conductivity (S/m)	1.770291
Variation (%)	-2.590000
SAR 10g (W/Kg)	2.523112
SAR 1g (W/Kg)	4.852620

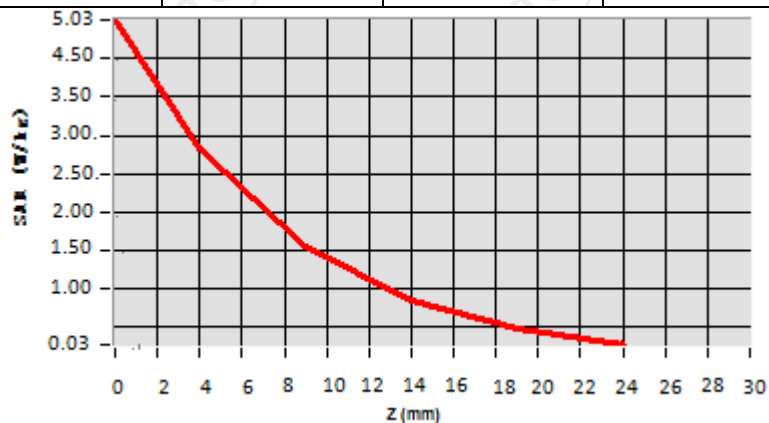
SURFACE SAR



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: 11/07/2024 Test mode: 2600MHz (Head)

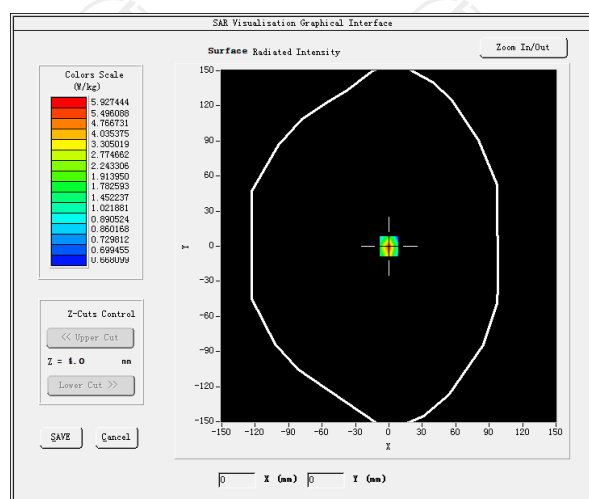
Product Description: Validation

Dipole Model: SID2600

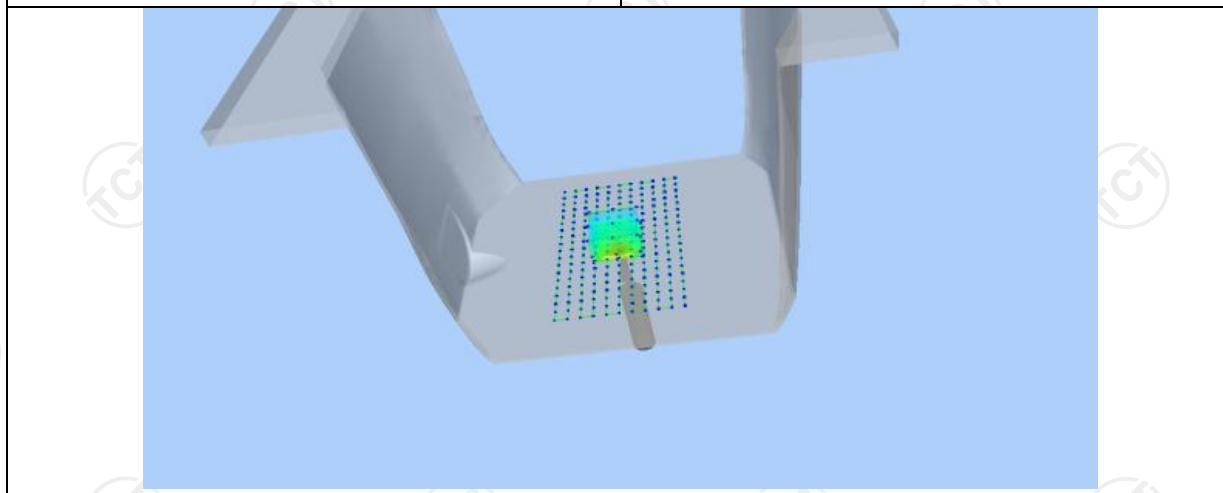
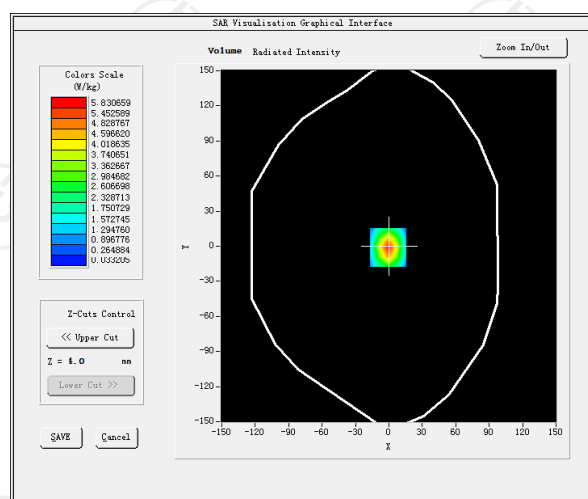
E-Field Probe: SSE2 (SN 25/22 EPGO375)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	4.36
Frequency (MHz)	2535.000000
Relative permittivity (real part)	38.030349
Relative permittivity (imaginary part)	12.626112
Conductivity (S/m)	1.910700
Variation (%)	0.540000
SAR 10g (W/Kg)	2.489236
SAR 1g (W/Kg)	5.314069

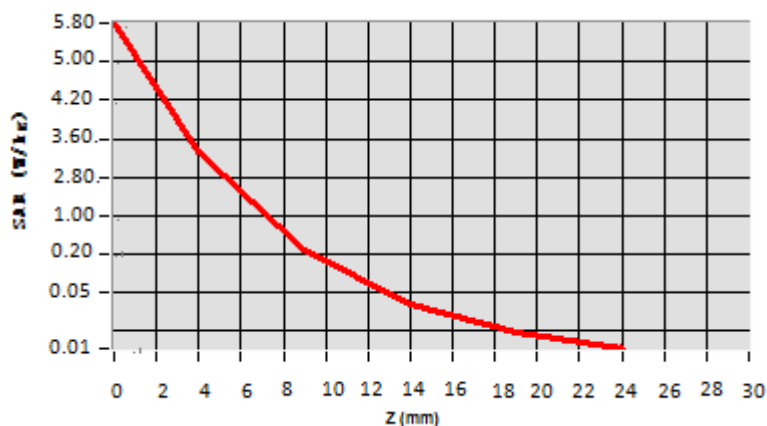
SURFACE SAR



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



12. SAR Test Data

GSM850

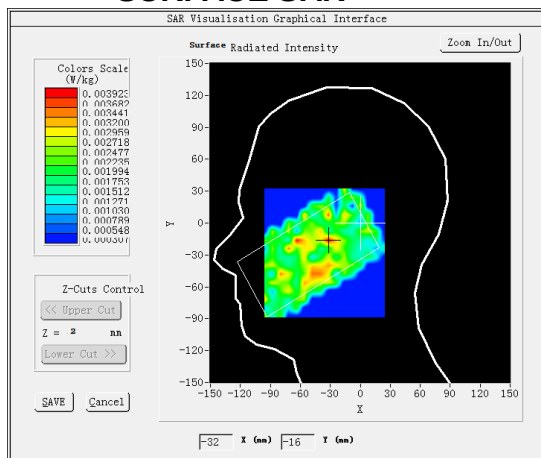
MEASUREMENT 1

Low Band SAR (Channel 128)

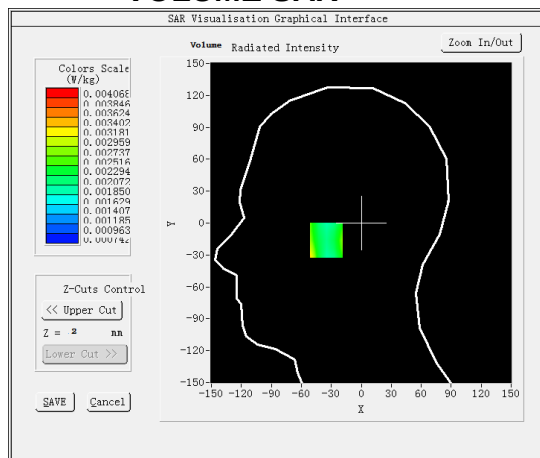
Date: 10/16/2024

Frequency (MHz)	824.200000
Relative permittivity (real part)	40.616335
Relative permittivity (imaginary part)	19.776241
Conductivity (S/m)	0.919080
Variation (%)	-2.050000
Crest Factor:	1.0
Probe Conversion factor	1.80
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
Phantom	<u>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>GSM850(voice)</u>

SURFACE SAR



VOLUME SAR



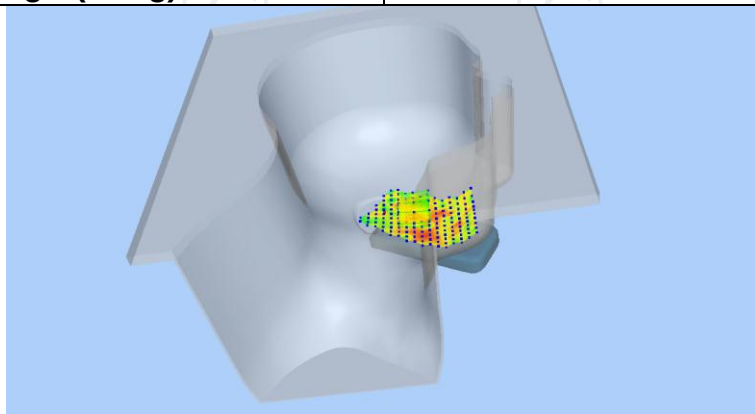
Maximum location: X=-32.00, Y=-16.00 SAR Peak: 0.00 W/kg

SAR 10g (W/Kg)

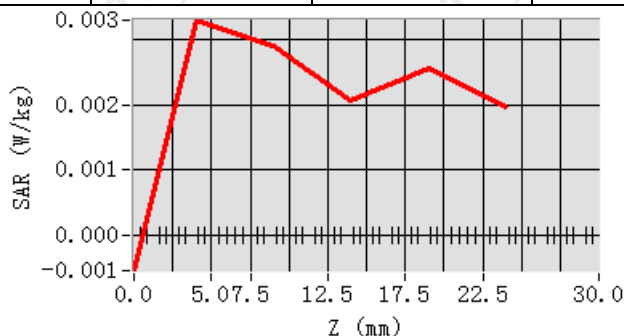
0.002474

SAR 1g (W/Kg)

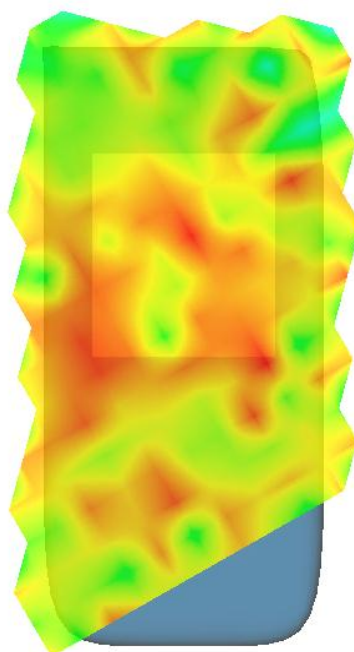
0.002884



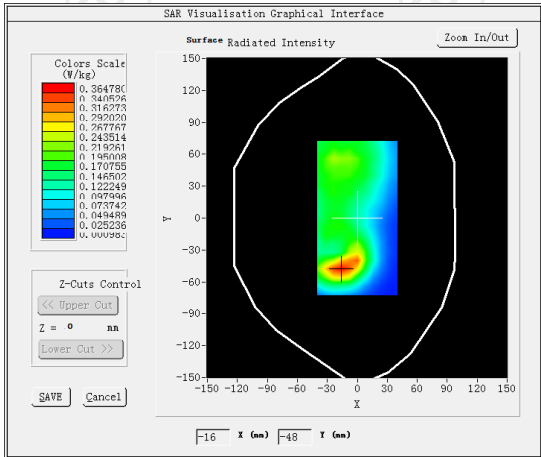
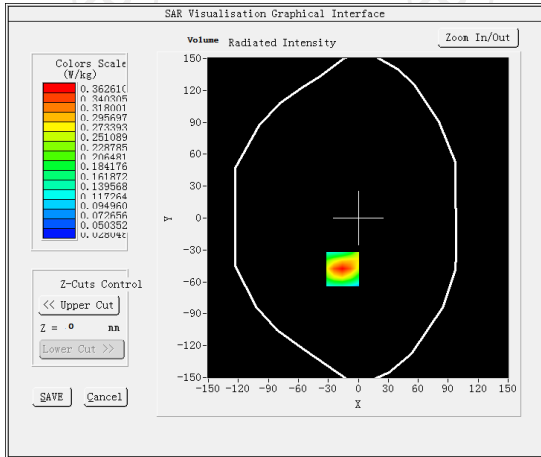
Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	-0.0005	0.0033	0.0029	0.0021	0.0025

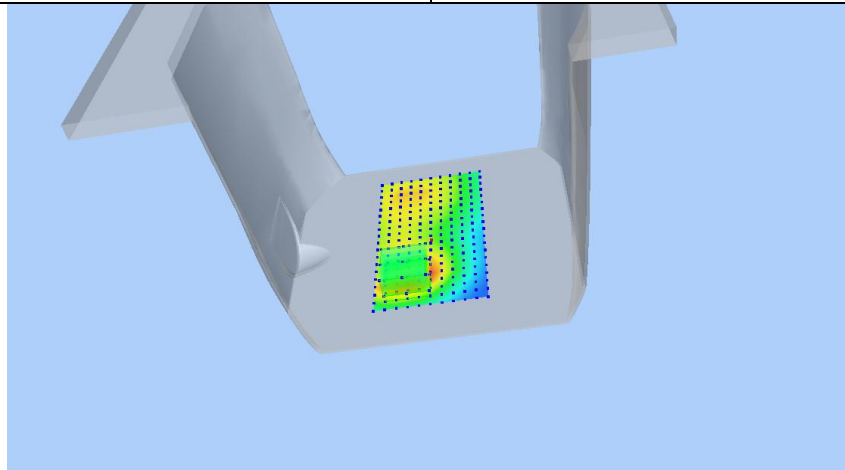


Hot spot position

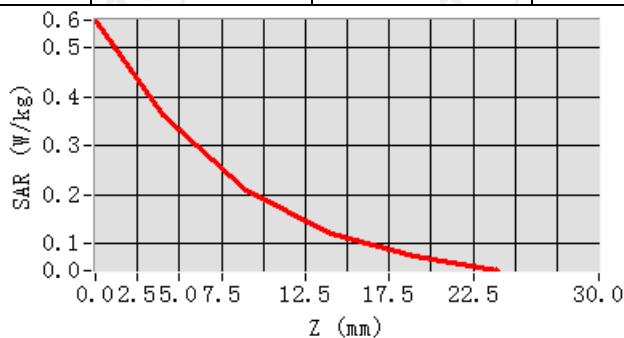


MEASUREMENT 2

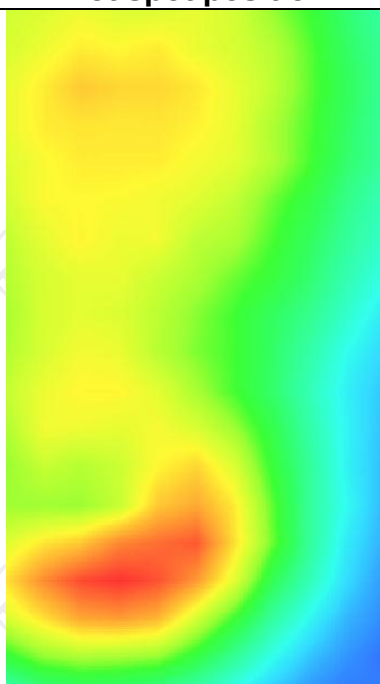
Low Band SAR (Channel 128)		Date: 10/16/2024
Frequency (MHz)	824.200000	
Relative permittivity (real part)	40.616335	
Relative permittivity (imaginary part)	19.776241	
Conductivity (S/m)	0.919080	
Variation (%)	-4.290000	
Crest Factor:	1.0	
Probe Conversion factor	1.80	
E-Field Probe:	SSE2 (SN 25/22 EPG0375)	
Area Scan	dx=8mm dy=8mm, h= 5.00 mm	
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm	
Phantom	Validation plane	
Device Position	Body back(10mm)	
Band	GSM850(Voice)	
SURFACE SAR		VOLUME SAR
		
Maximum location: X=-16.00, Y=-48.00 SAR Peak: 0.56 W/kg		
SAR 10g (W/Kg)	0.186605	
SAR 1g (W/Kg)	0.336937	



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.5574	0.3626	0.2079	0.1210	0.0742



Hot spot position



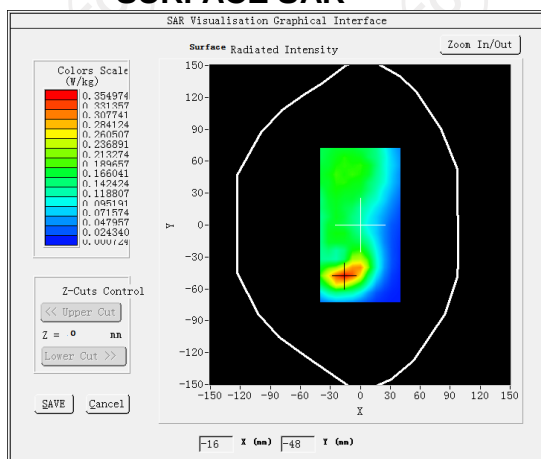
MEASUREMENT 3

Low Band SAR (Channel 128)

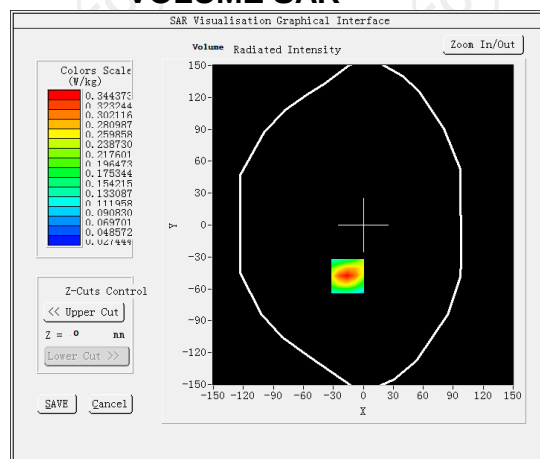
Date: 10/16/2024

Frequency (MHz)	824.200000
Relative permittivity (real part)	40.616335
Relative permittivity (imaginary part)	19.776241
Conductivity (S/m)	0.919080
Variation (%)	-4.820000
Crest Factor:	1.0
Probe Conversion factor	1.80
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete/ndx=8mm dy=8mm, h= 5.00 mm
Phantom	Validation plane
Device Position	Body back(10mm)
Band	GSM850(GPRS 2slot)

SURFACE SAR



VOLUME SAR



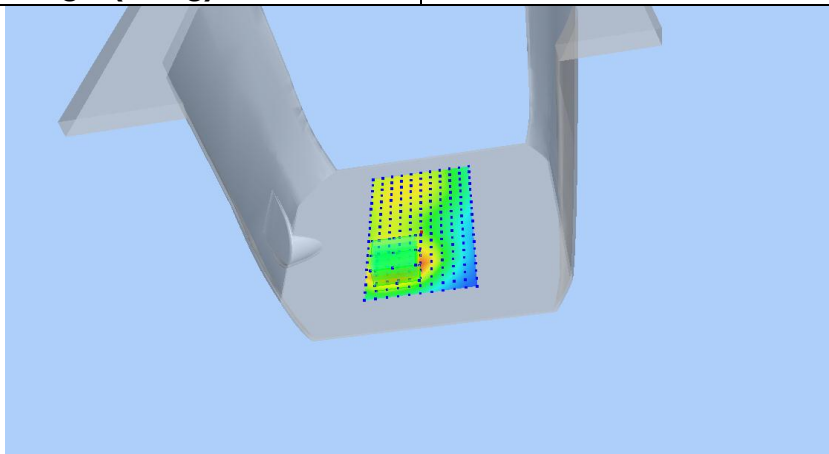
Maximum location: X=-16.00, Y=-48.00 SAR Peak: 0.56 W/kg

SAR 10g (W/Kg)

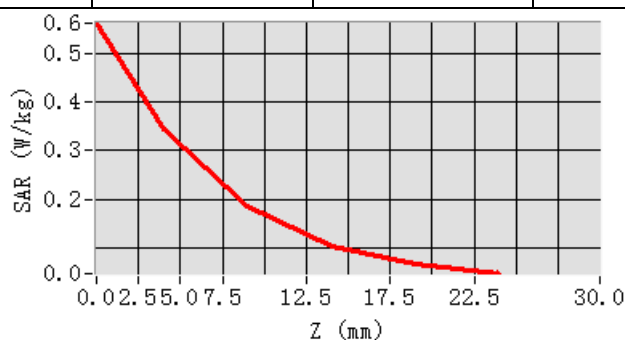
0.174636

SAR 1g (W/Kg)

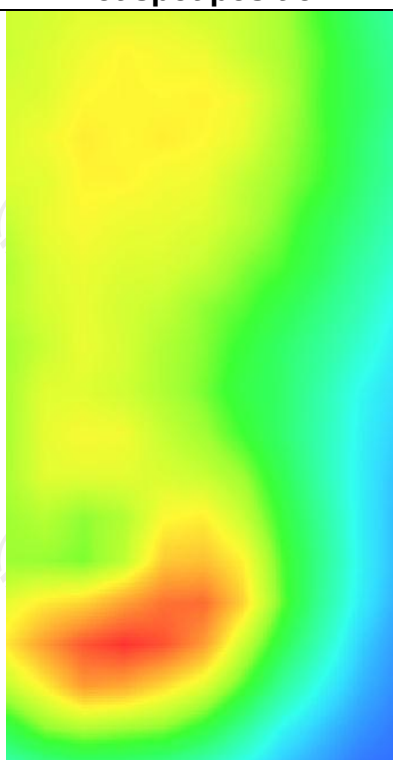
0.321529



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.5610	0.3444	0.1841	0.1039	0.0672



Hot spot position



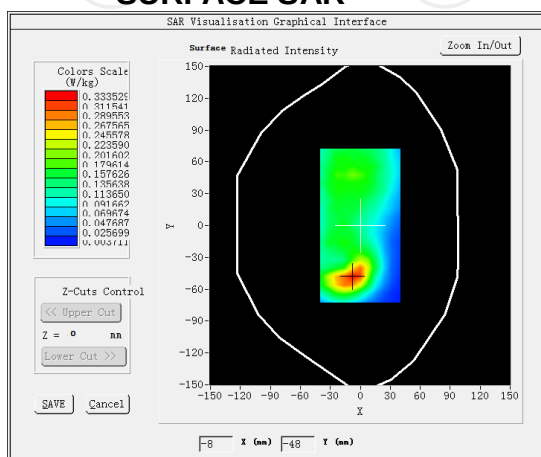
MEASUREMENT 4

Low Band SAR (Channel 128)

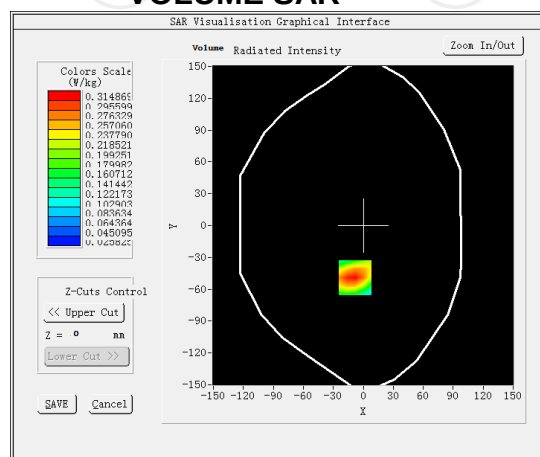
Date: 10/16/2024

Frequency (MHz)	824.200000
Relative permittivity (real part)	40.616335
Relative permittivity (imaginary part)	19.776241
Conductivity (S/m)	0.919080
Variation (%)	-0.050000
Crest Factor:	1.0
Probe Conversion factor	1.80
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
Phantom	<u>Validation plane</u>
Device Position	<u>Body back(10mm)</u>
Band	<u>GSM850(GPRS 2slot hotspot)</u>

SURFACE SAR

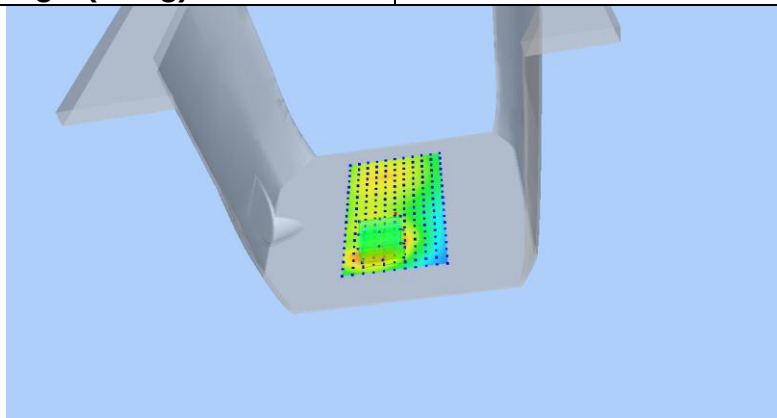


VOLUME SAR

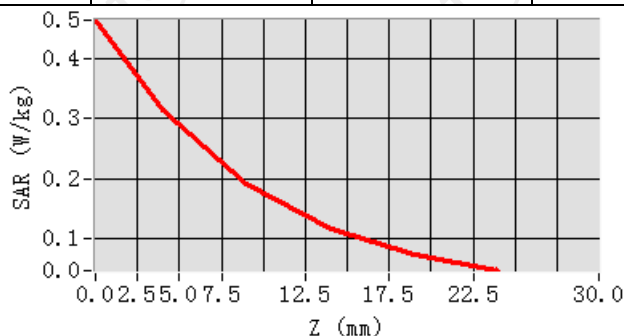


Maximum location: X=-8.00, Y=-49.00 SAR Peak: 0.47 W/kg

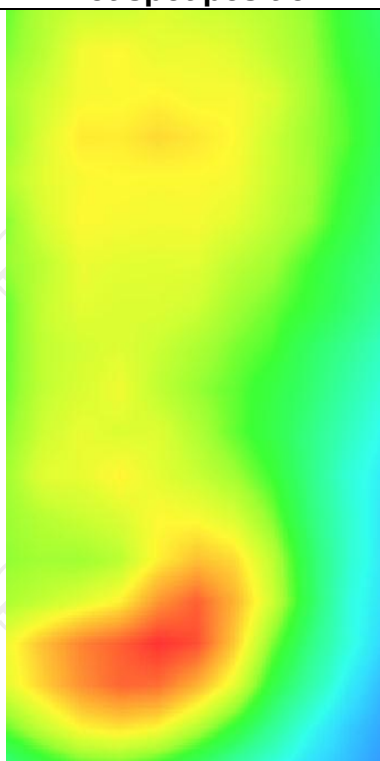
SAR 10g (W/Kg)	0.173949
SAR 1g (W/Kg)	0.297155



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.4637	0.3149	0.1917	0.1182	0.0755

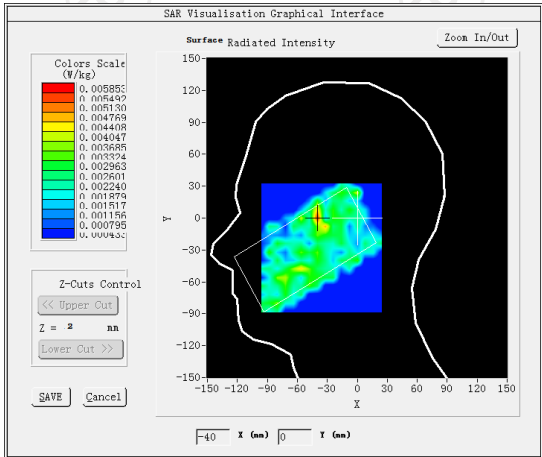
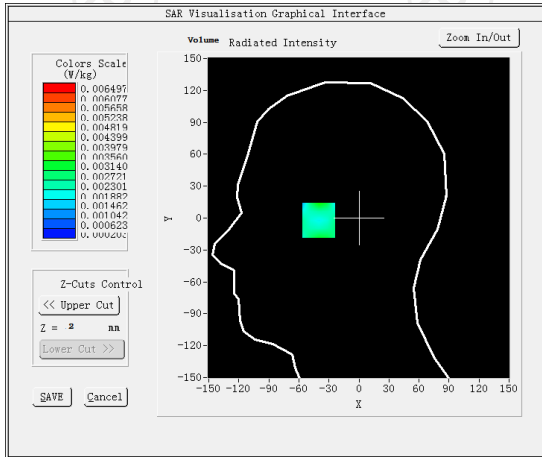


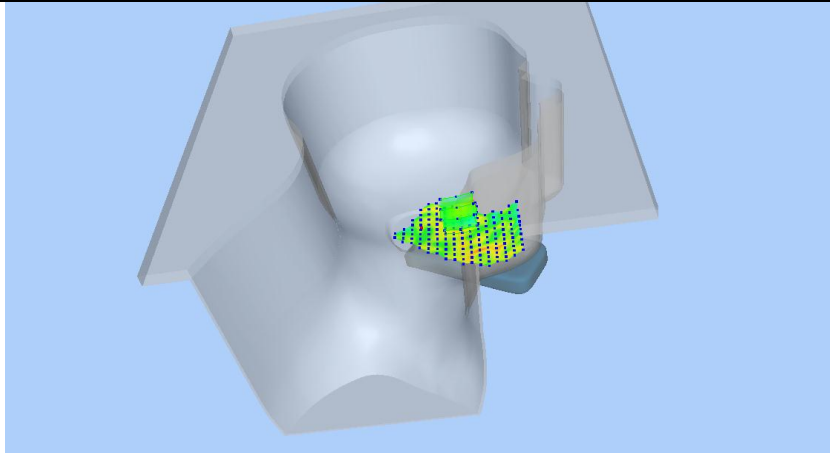
Hot spot position



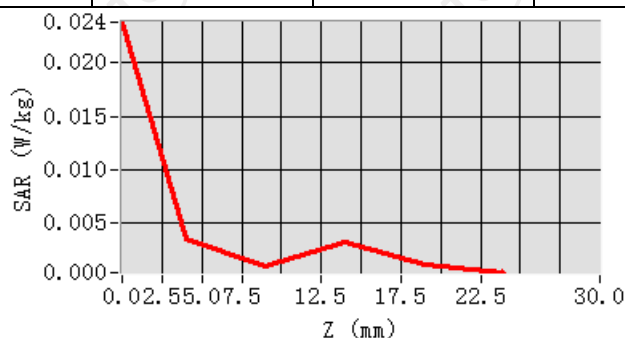
GSM1900

MEASUREMENT 1

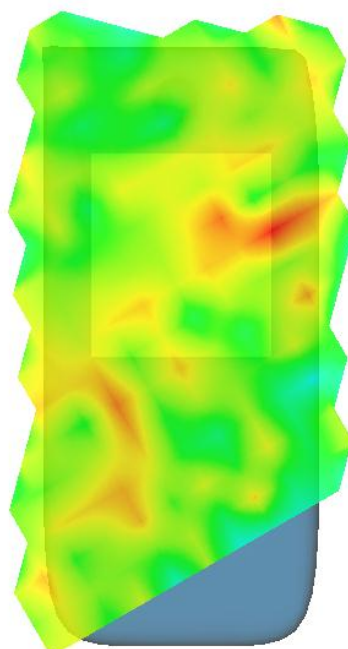
High Band SAR (Channel 512):		Date: 10/28/2024
Frequency (MHz)	1850.200000	
Relative permittivity (real part)	39.275248	
Relative permittivity (imaginary part)	13.733012	
Conductivity (S/m)	1.400440	
Variation (%)	-4.460000	
Crest Factor	1.0	
Probe Conversion factor	2.23	
E-Field Probe:	SSE2 (SN 25/22 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	Left head	
Device Position	Cheek	
Band	GSM1900(voice)	
SURFACE SAR 		VOLUME SAR 
Maximum location: X=-40.00, Y=0.00 SAR Peak: 0.01 W/kg		
SAR 10g (W/Kg)	0.002515	
SAR 1g (W/Kg)	0.003695	



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0238	0.0035	0.0011	0.0032	0.0012



Hot spot position



MEASUREMENT 2

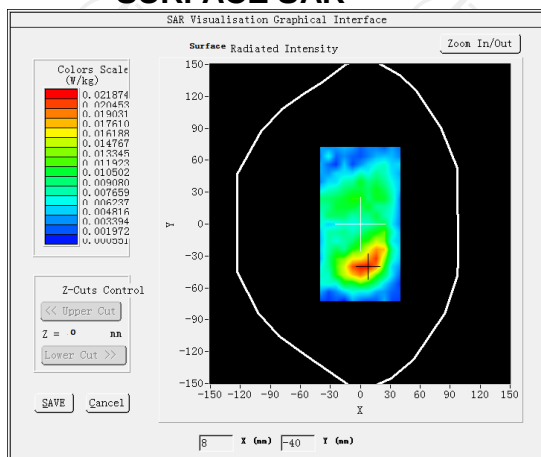
High Band SAR (Channel 512):

Date: 10/28/2024

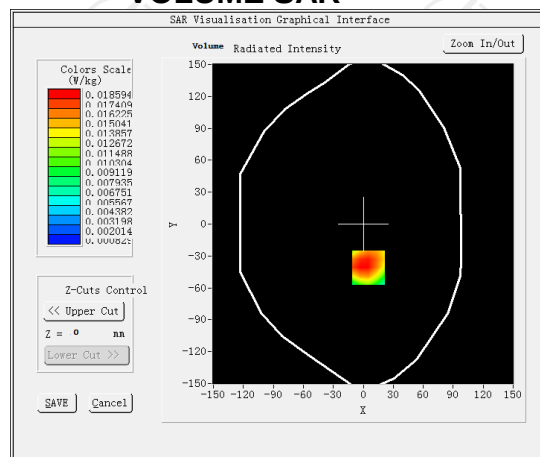
Frequency (MHz)	1850.200000
Relative permittivity (real part)	39.275248
Relative permittivity (imaginary part)	13.733012
Conductivity (S/m)	1.400440
Variation (%)	-1.200000
Crest Factor	1.0
Probe Conversion factor	2.23
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
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

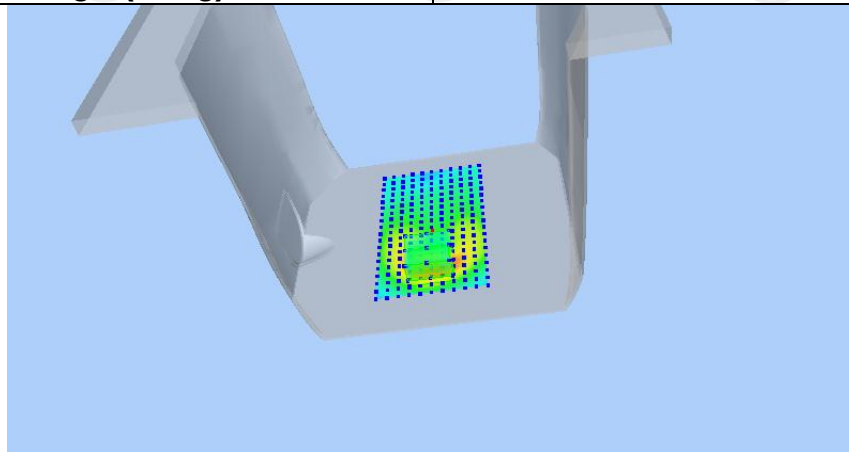


VOLUME SAR

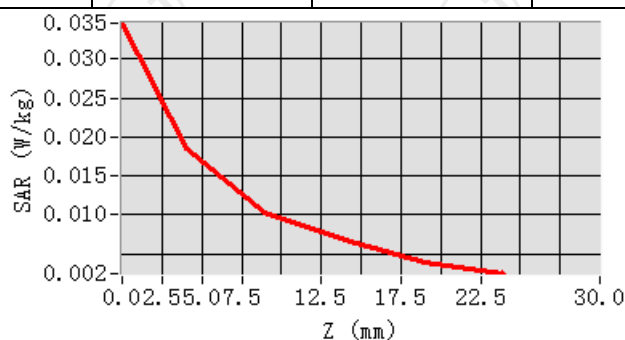


Maximum location: X=5.00, Y=-41.00 SAR Peak: 0.03 W/kg

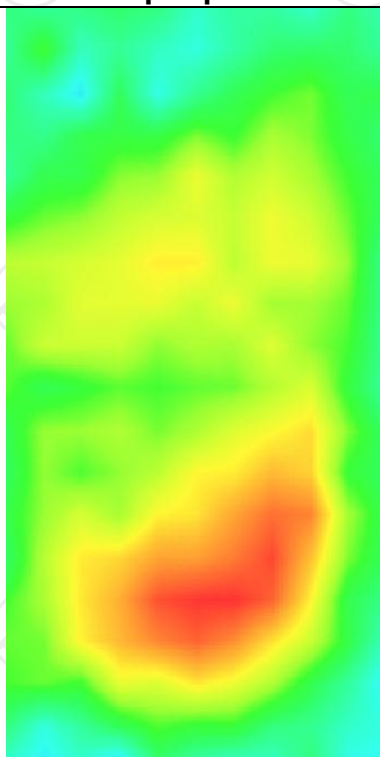
SAR 10g (W/Kg)	0.010732
SAR 1g (W/Kg)	0.018080



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0346	0.0186	0.0103	0.0068	0.0039



Hot spot position



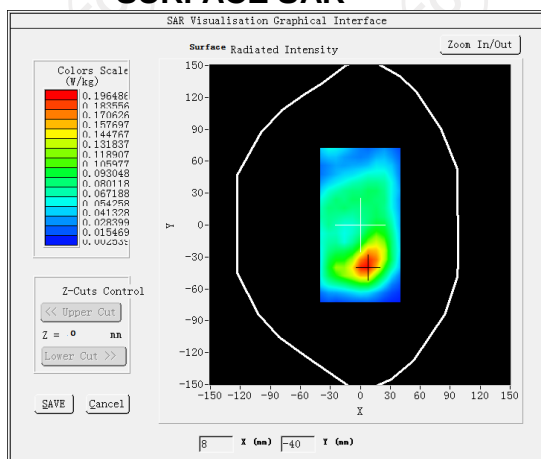
MEASUREMENT 3

Middle Band SAR (Channel 512):

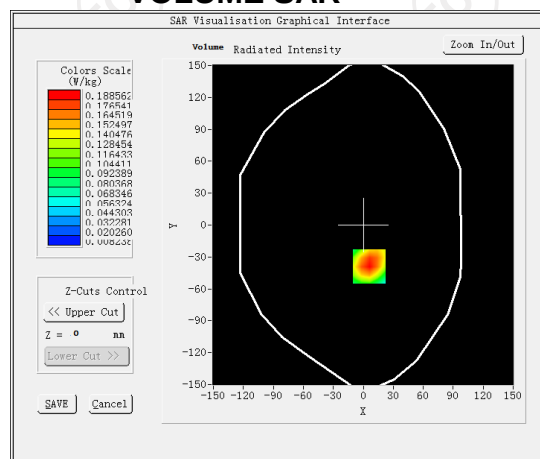
Date: 10/28/2024

Frequency (MHz)	1850.200000
Relative permittivity (real part)	39.275248
Relative permittivity (imaginary part)	13.733012
Conductivity (S/m)	1.400440
Variation (%)	-0.200000
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 back(10mm)
Band	GSM1900(GPRS 3slot)

SURFACE SAR



VOLUME SAR



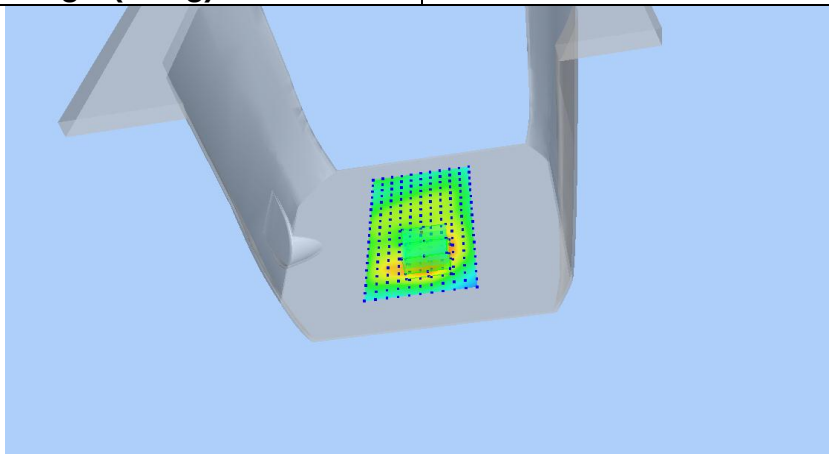
Maximum location: X=6.00, Y=-39.00 SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)

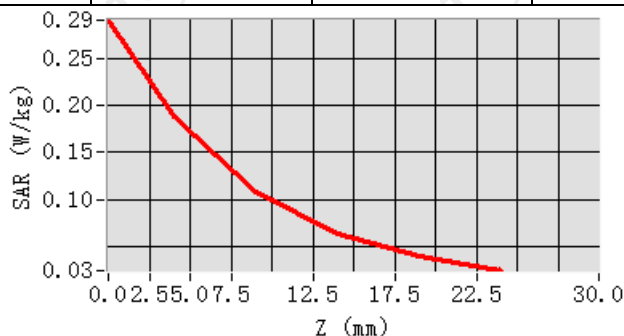
0.103207

SAR 1g (W/Kg)

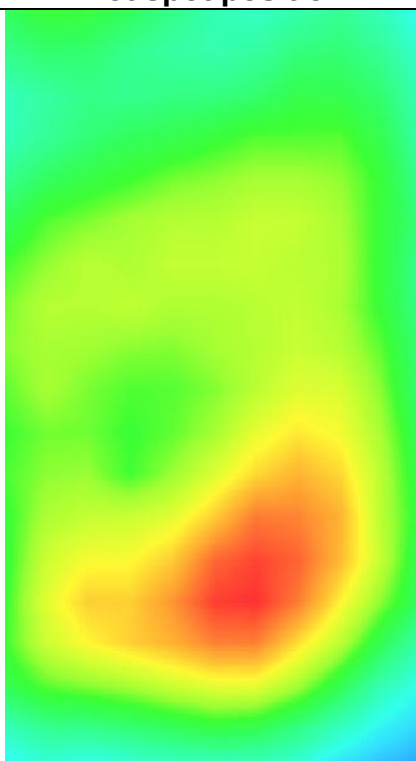
0.179105



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2899	0.1886	0.1084	0.0637	0.0399



Hot spot position



MEASUREMENT 4

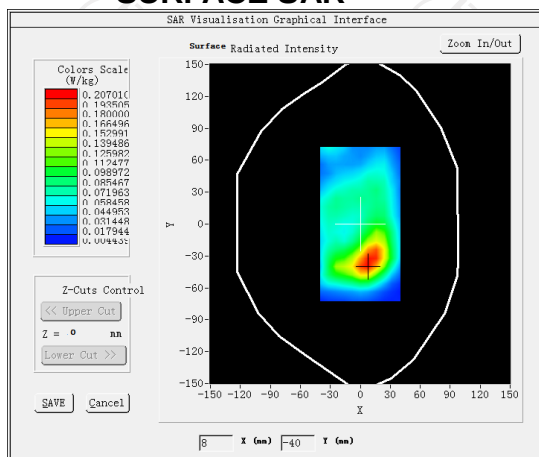
Middle Band SAR (Channel 512):

Date: 10/28/2024

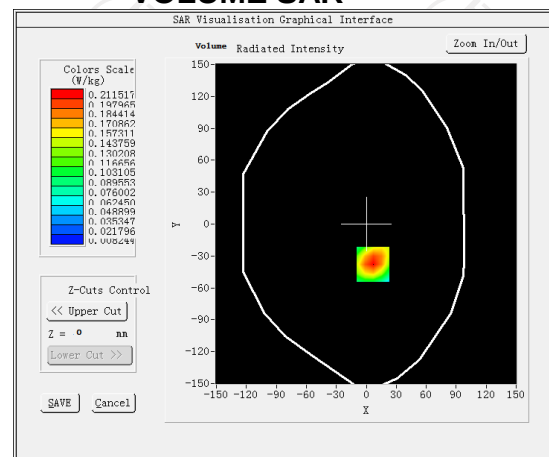
Frequency (MHz)	1850.200000
Relative permittivity (real part)	39.275248
Relative permittivity (imaginary part)	13.733012
Conductivity (S/m)	1.400440
Variation (%)	-1.980000
Crest Factor	1.0
Probe Conversion factor	2.23
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
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

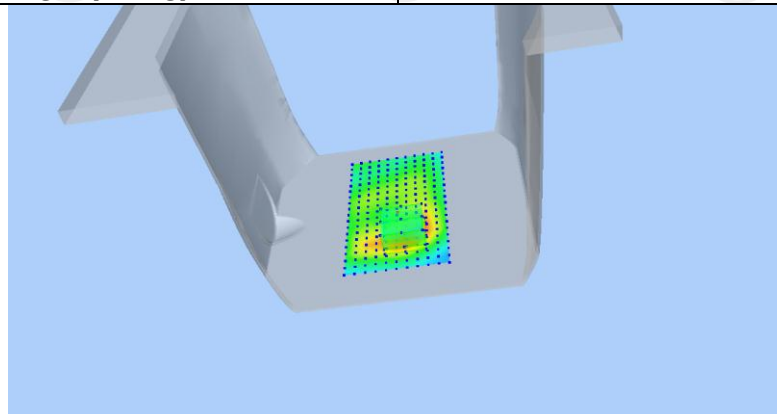


VOLUME SAR

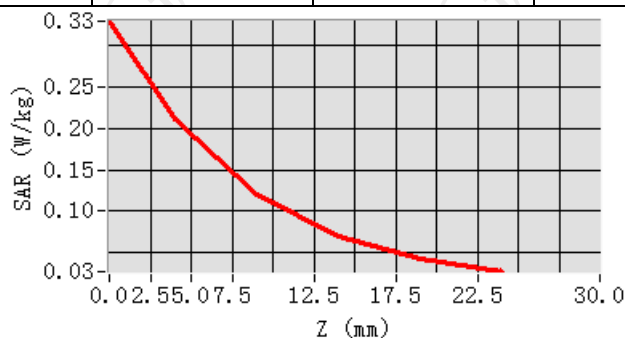


Maximum location: X=7.00, Y=-38.00 SAR Peak: 0.33 W/kg

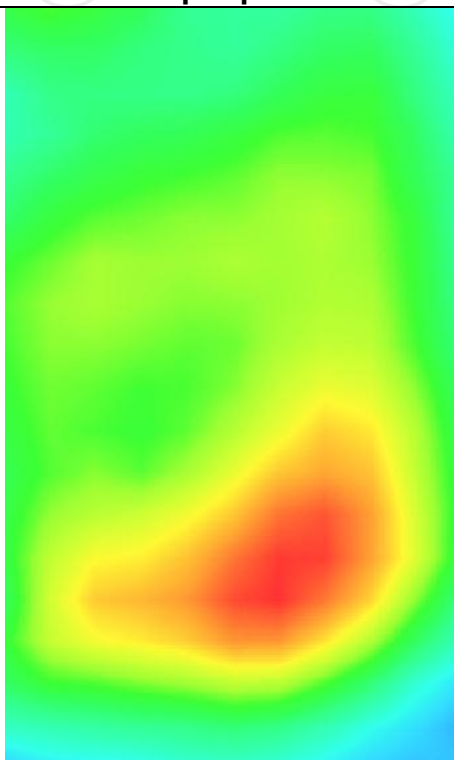
SAR 10g (W/Kg)	0.113722
SAR 1g (W/Kg)	0.200120



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3298	0.2115	0.1192	0.0688	0.0427



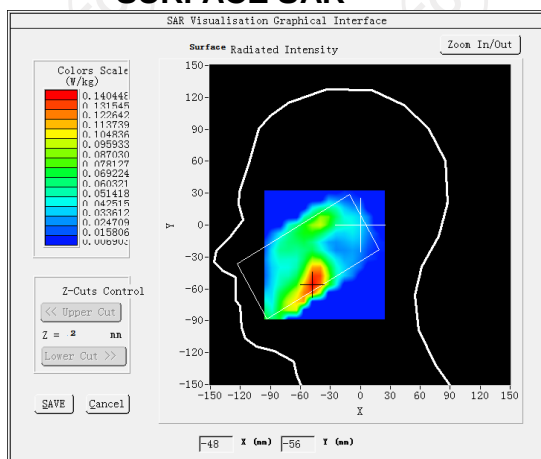
Hot spot position



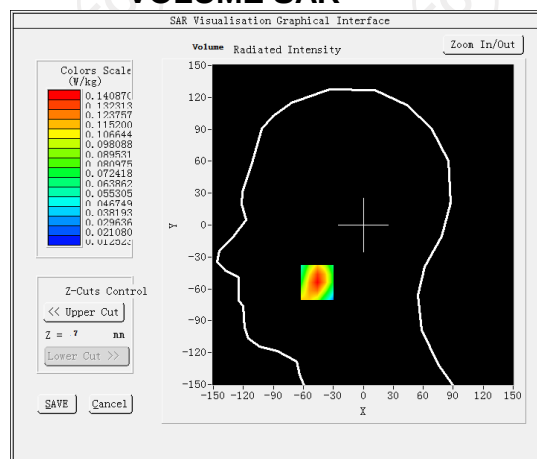
WCDMA Band II MEASUREMENT 1

Middle Band SAR (Channel 9538):		Date: 10/28/2024
Frequency (MHz)	1907.600000	
Relative permittivity (real part)	39.197000	
Relative permittivity (imaginary part)	13.350200	
Conductivity (S/m)	1.415310	
Variation (%)	-1.130000	
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	Left head	
Device Position	Cheek	
Band	BAND2 WCDMA1900	

SURFACE SAR



VOLUME SAR



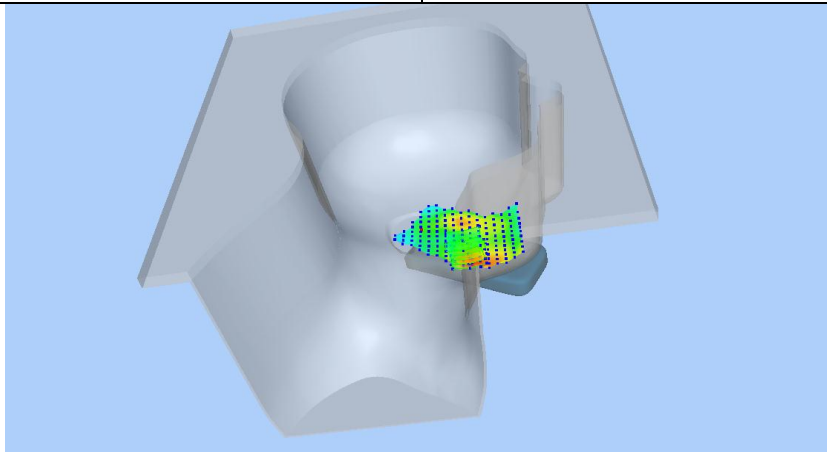
Maximum location: X=-46.00, Y=-54.00 SAR Peak: 0.20 W/kg

SAR 10g (W/Kg)

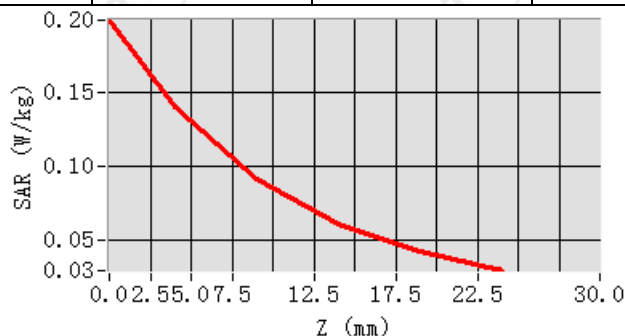
0.080983

SAR 1g (W/Kg)

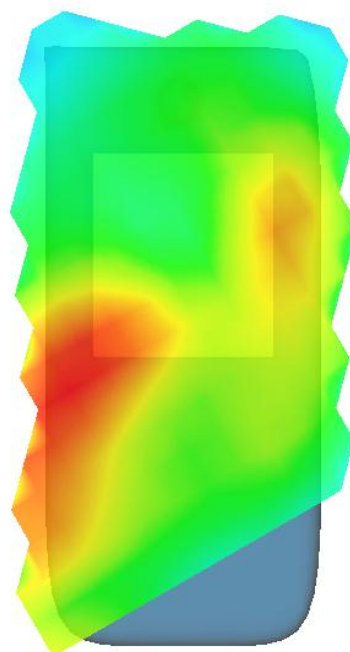
0.132611



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1993	0.1409	0.0911	0.0603	0.0416



Hot spot position



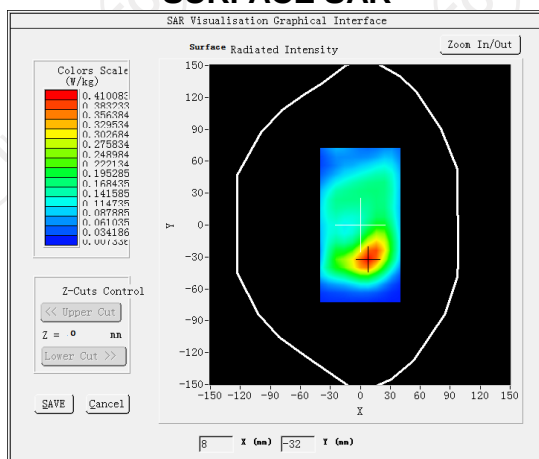
MEASUREMENT 2

Middle Band SAR (Channel 9538):

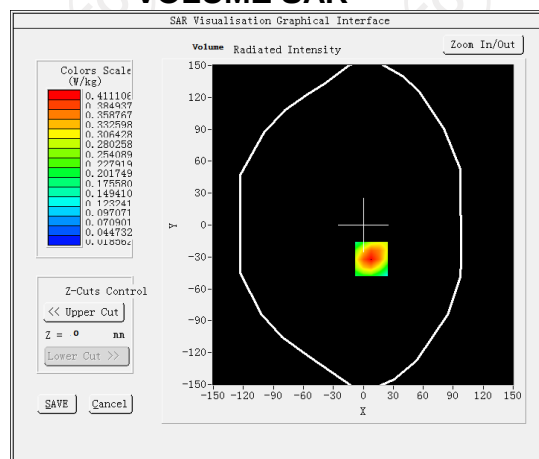
Date: 10/28/2024

Frequency (MHz)	1907.600000
Relative permittivity (real part)	39.197000
Relative permittivity (imaginary part)	13.350200
Conductivity (S/m)	1.415310
Variation (%)	-4.000000
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</u>

SURFACE SAR



VOLUME SAR



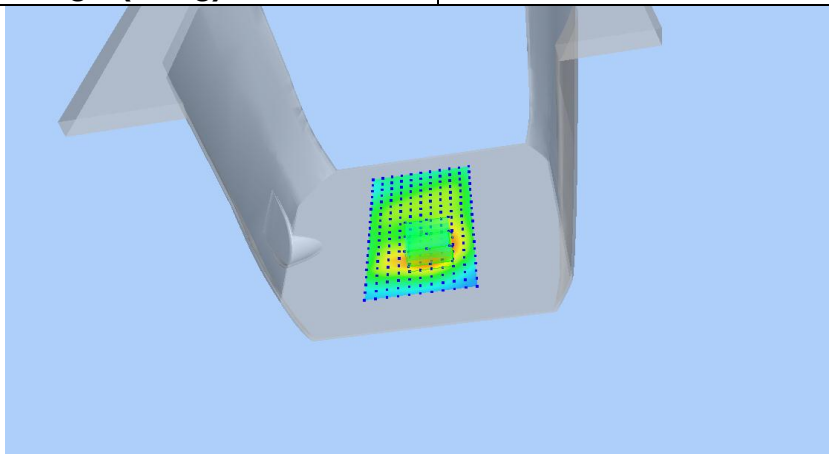
Maximum location: X=8.00, Y=-32.00 SAR Peak: 0.61 W/kg

SAR 10g (W/Kg)

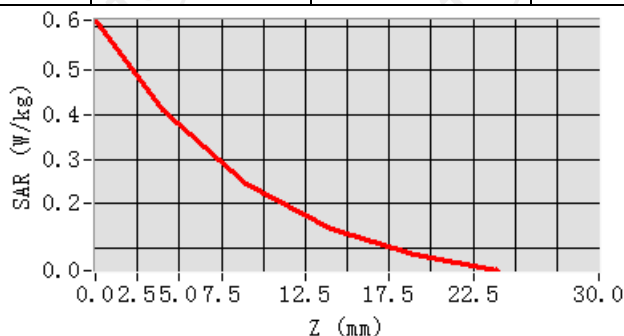
0.222022

SAR 1g (W/Kg)

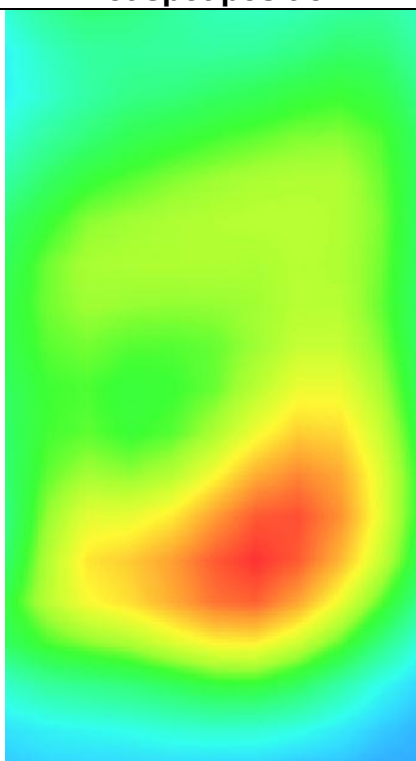
0.386913



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.6138	0.4111	0.2437	0.1439	0.0861



Hot spot position



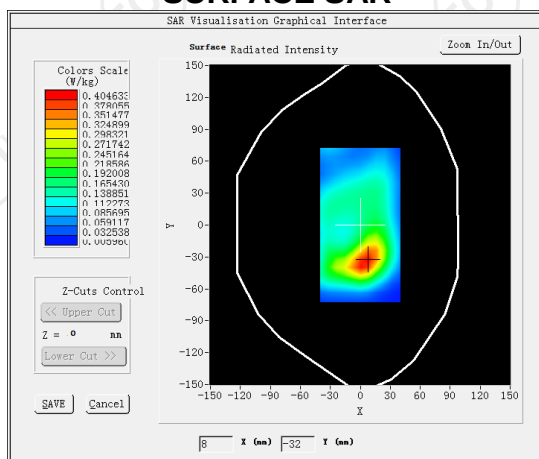
MEASUREMENT 3

Middle Band SAR (Channel 9538):

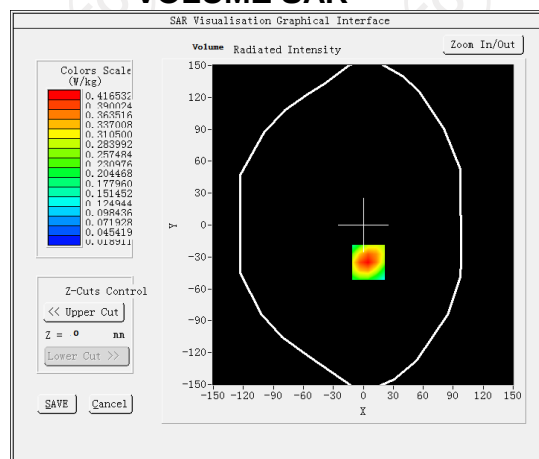
Date: 10/28/2024

Frequency (MHz)	1907.600000
Relative permittivity (real part)	39.197000
Relative permittivity (imaginary part)	13.350200
Conductivity (S/m)	1.415310
Variation (%)	-0.630000
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 back(10mm)
Band	BAND2 WCDMA1900(hotspot)

SURFACE SAR



VOLUME SAR



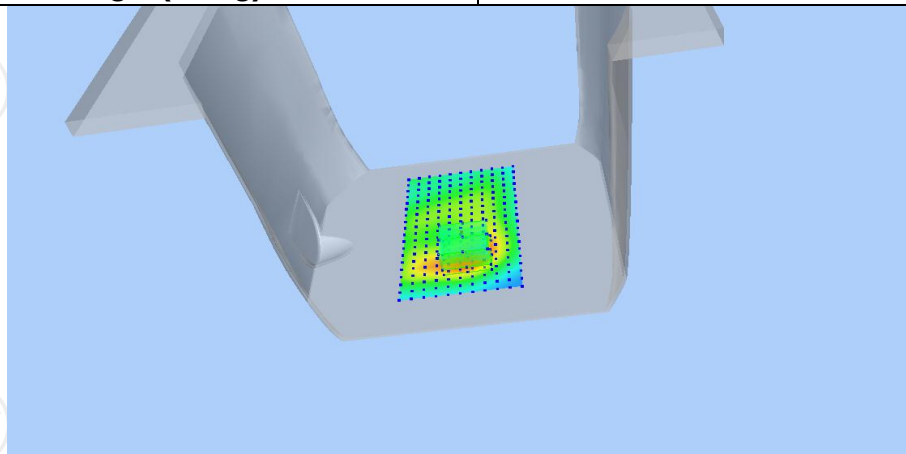
Maximum location: X=5.00, Y=-35.00 SAR Peak: 0.62 W/kg

SAR 10g (W/Kg)

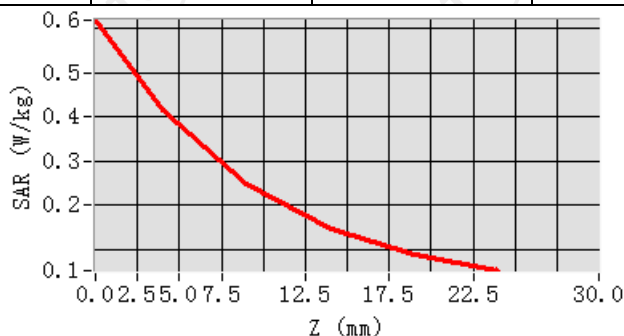
0.225700

SAR 1g (W/Kg)

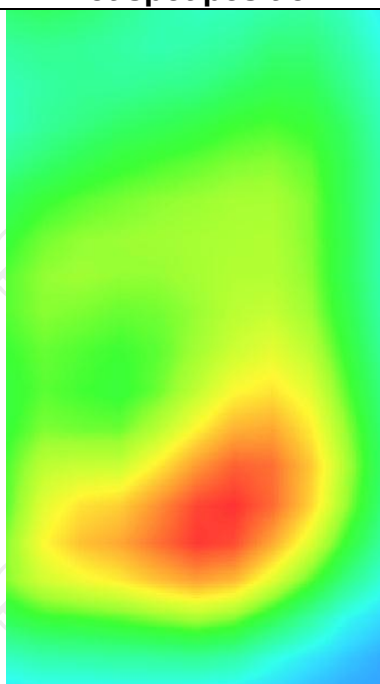
0.392496



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.6200	0.4165	0.2480	0.1471	0.0885



Hot spot position



WCDMA Band IV

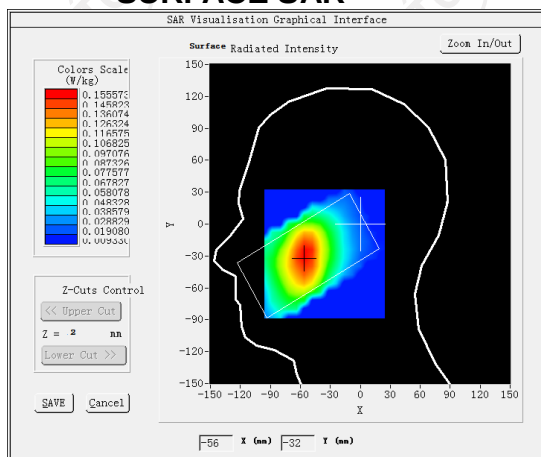
MEASUREMENT 1

High Band SAR (Channel 1513):

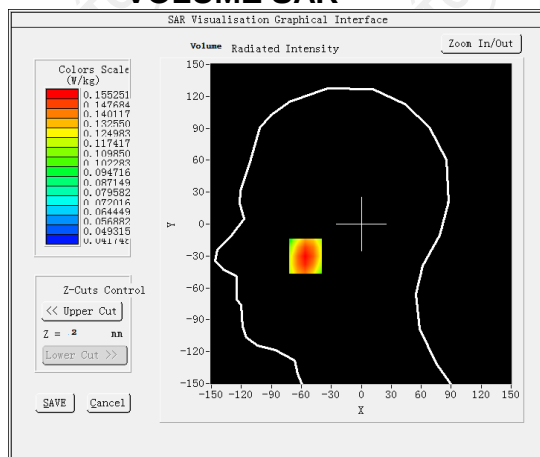
Date: 10/22/2024

Frequency (MHz)	1752.600000
Relative permittivity (real part)	39.401241
Relative permittivity (imaginary part)	14.386328
Conductivity (S/m)	1.367015
Variation (%)	-3.640000
Crest Factor	1.0
Probe Conversion factor	2.08
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete/ndx=8mm dy=8mm, h= 5.00 mm
Phantom	Left head
Device Position	Cheek
Band	BAND4 WCDMA1700

SURFACE SAR



VOLUME SAR



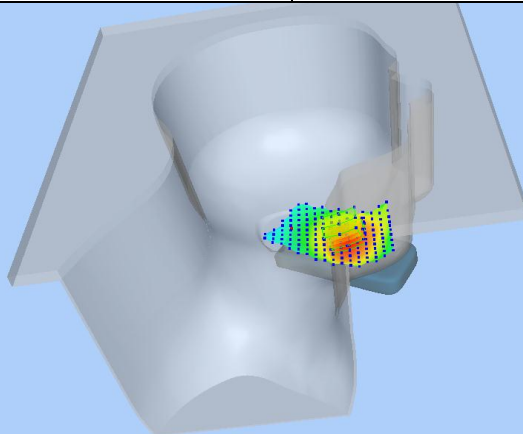
Maximum location: X=-56.00, Y=-30.00 SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)

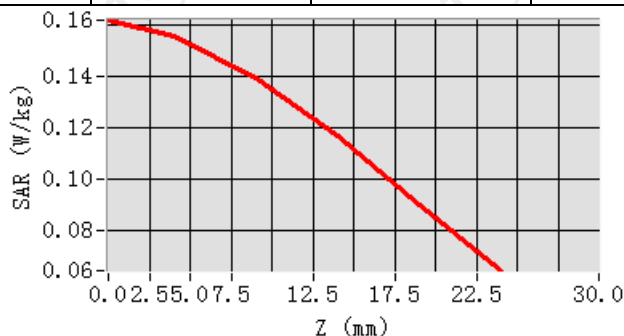
0.120436

SAR 1g (W/Kg)

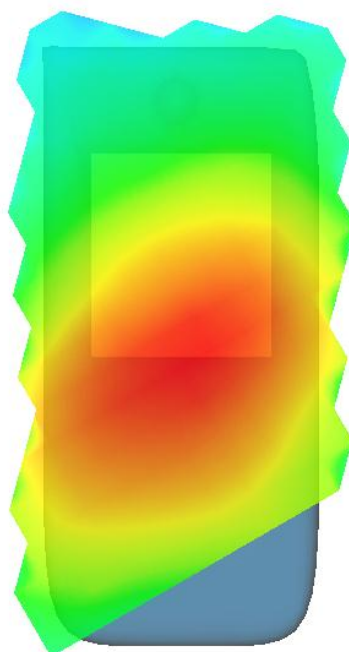
0.150677



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1618	0.1553	0.1395	0.1166	0.0899



Hot spot position



MEASUREMENT 2

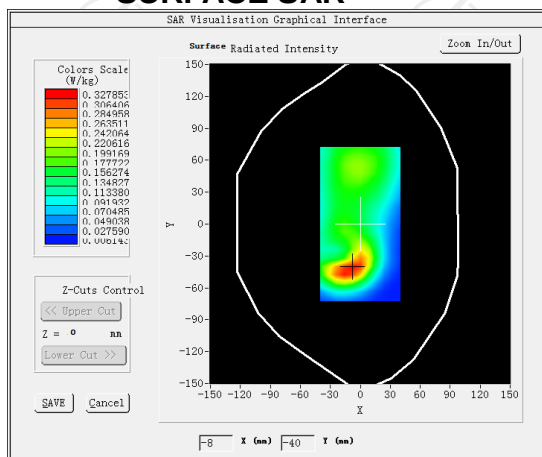
High Band SAR (Channel 1513):

Date: 10/22/2024

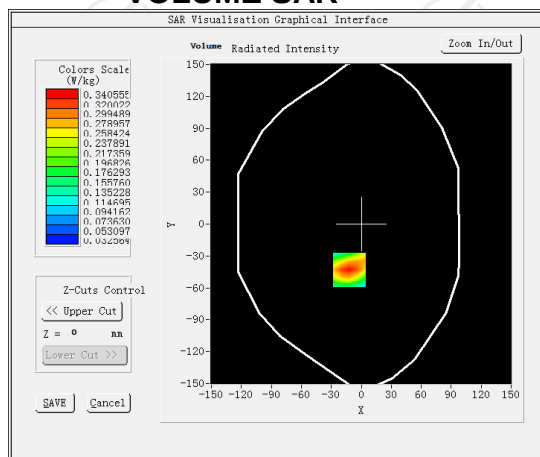
Frequency (MHz)	1752.600000
Relative permittivity (real part)	39.401241
Relative permittivity (imaginary part)	14.386328
Conductivity (S/m)	1.367015
Variation (%)	-2.660000
Crest Factor	1.0
Probe Conversion factor	2.08
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
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 back(10mm)
Band	BAND4 WCDMA1700

SURFACE SAR

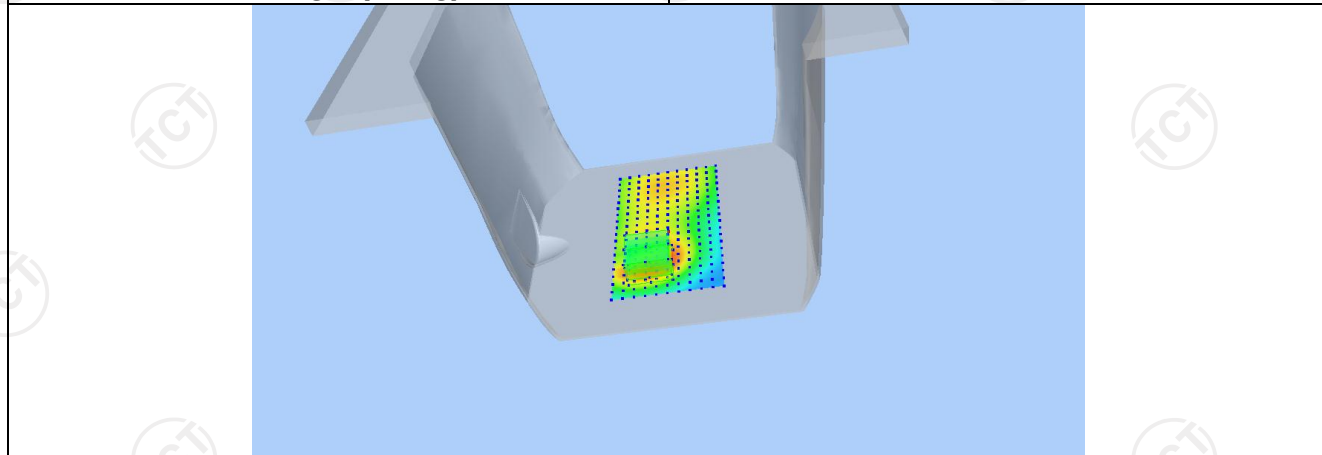


VOLUME SAR

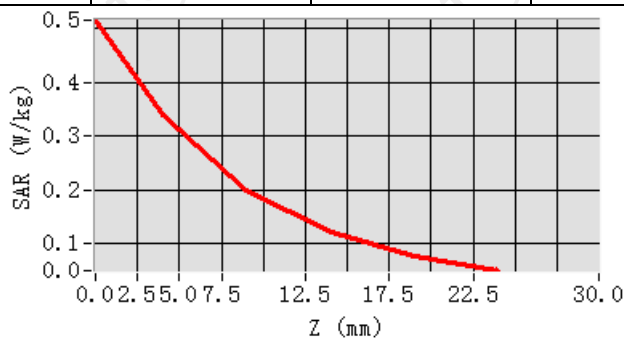


Maximum location: X=-12.00, Y=-43.00 SAR Peak: 0.52 W/kg

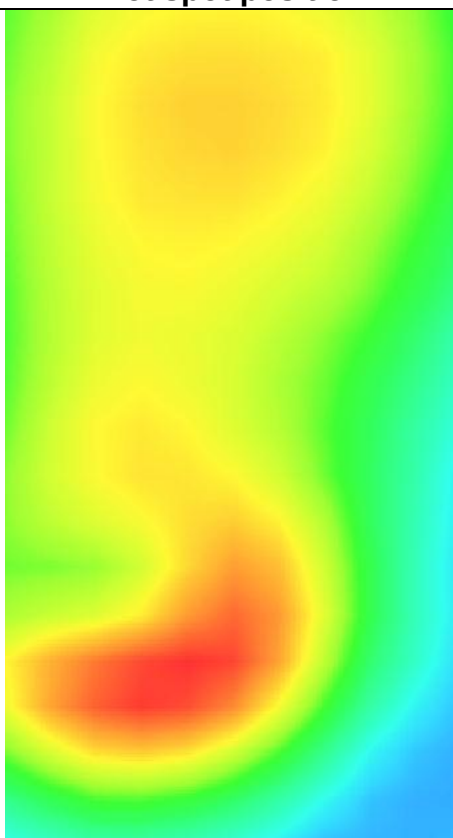
SAR 10g (W/Kg)	0.183269
SAR 1g (W/Kg)	0.319509



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.5157	0.3406	0.2001	0.1203	0.0766



Hot spot position



MEASUREMENT 3

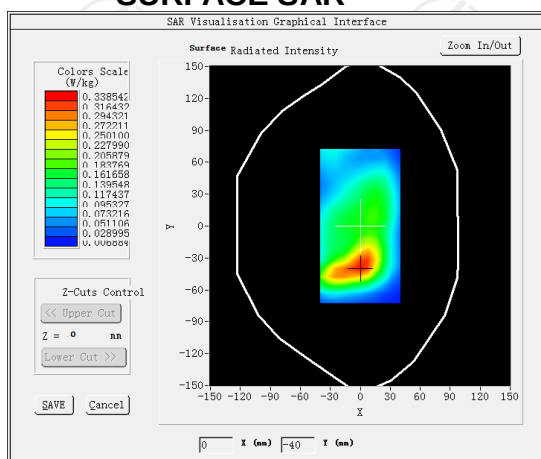
High Band SAR (Channel 1513):

Date: 10/22/2024

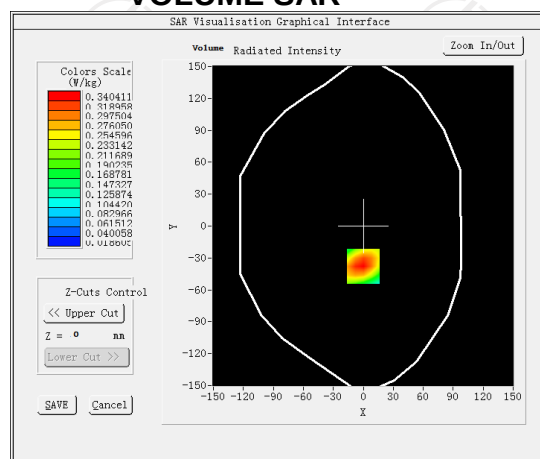
Frequency (MHz)	1752.600000
Relative permittivity (real part)	39.401241
Relative permittivity (imaginary part)	14.386328
Conductivity (S/m)	1.367015
Variation (%)	-0.120000
Crest Factor	1.0
Probe Conversion factor	2.08
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
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 back(hotspot 10mm)
Band	BAND4 WCDMA1700

SURFACE SAR

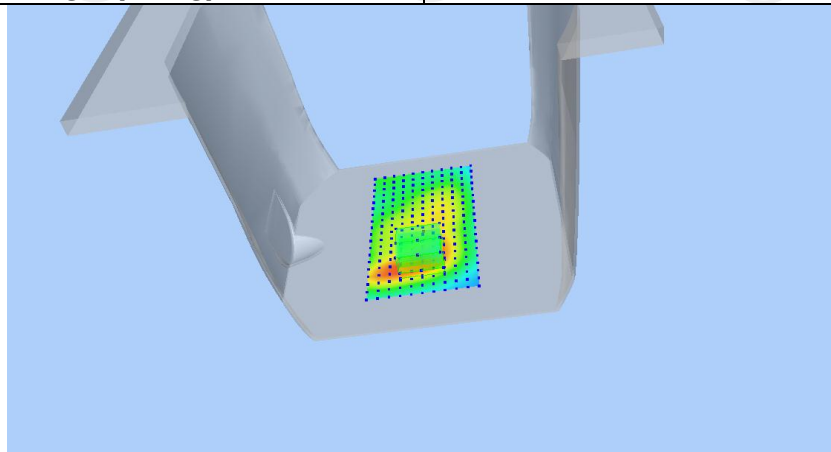


VOLUME SAR

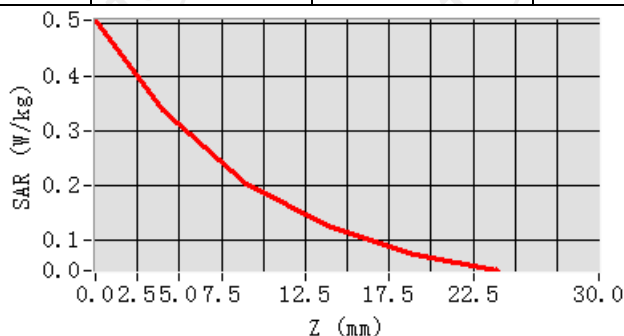


Maximum location: X=0.00, Y=-38.00 SAR Peak: 0.51 W/kg

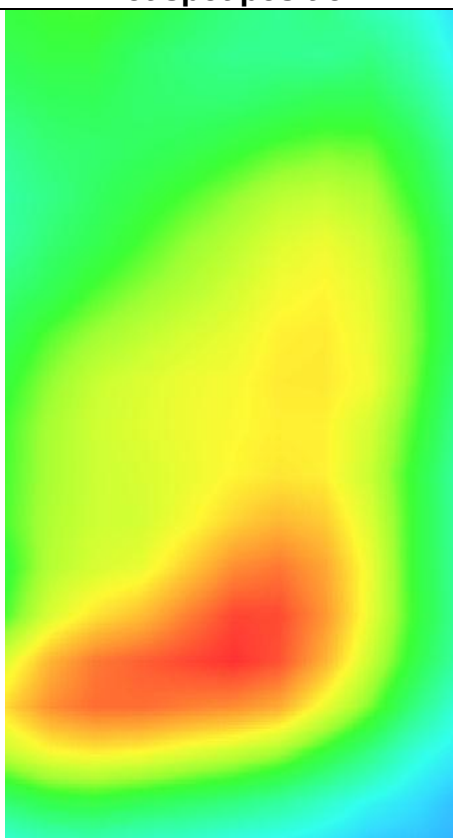
SAR 10g (W/Kg)	0.189957
SAR 1g (W/Kg)	0.323011



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.5048	0.3404	0.2041	0.1225	0.0749



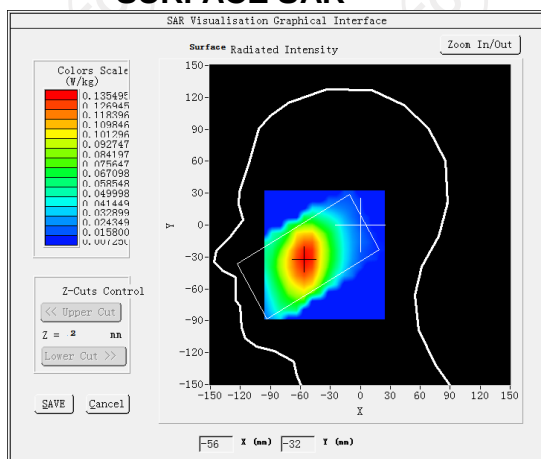
Hot spot position



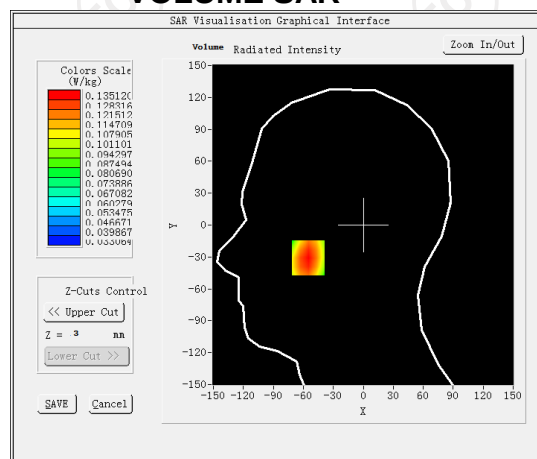
WCDMA Band V MEASUREMENT 1

High Band SAR (Channel 4132):		Date: 10/16/2024
Frequency (MHz)	826.400000	
Relative permittivity (real part)	40.608100	
Relative permittivity (imaginary part)	19.727010	
Conductivity (S/m)	0.919320	
Variation (%)	-1.480000	
Crest Factor:	1.0	
Probe Conversion factor	1.80	
E-Field Probe:	SSE2 (SN 25/22 EPG0375)	
Area Scan	dx=8mm dy=8mm, h= 5.00 mm	
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete/ndx=8mm dy=8mm, h= 5.00 mm	
Phantom	Left head	
Device Position	Cheek	
Band	BAND5 WCDMA850	

SURFACE SAR



VOLUME SAR



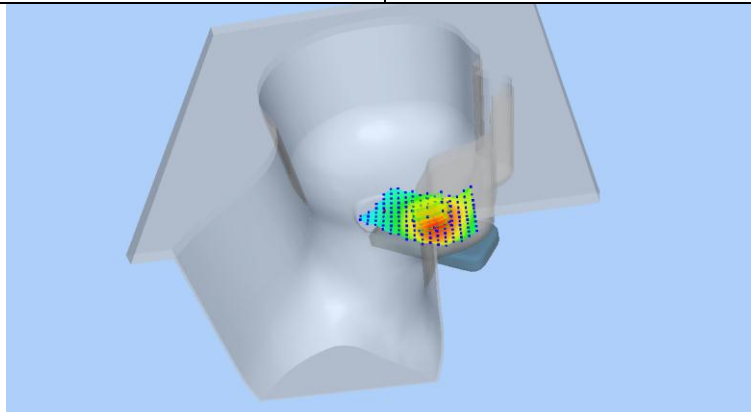
Maximum location: X=-55.00, Y=-31.00 SAR Peak: 0.14 W/kg

SAR 10g (W/Kg)

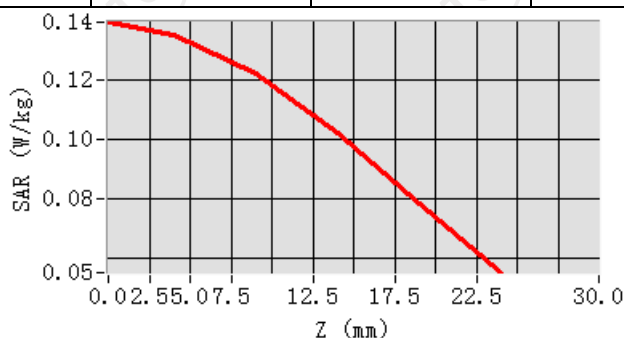
0.105311

SAR 1g (W/Kg)

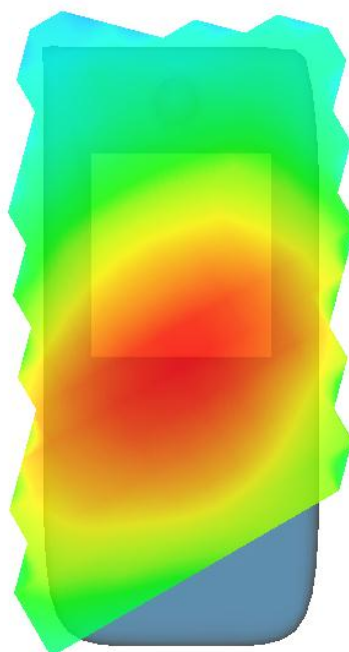
0.131485



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1394	0.1351	0.1222	0.1022	0.0782



Hot spot position



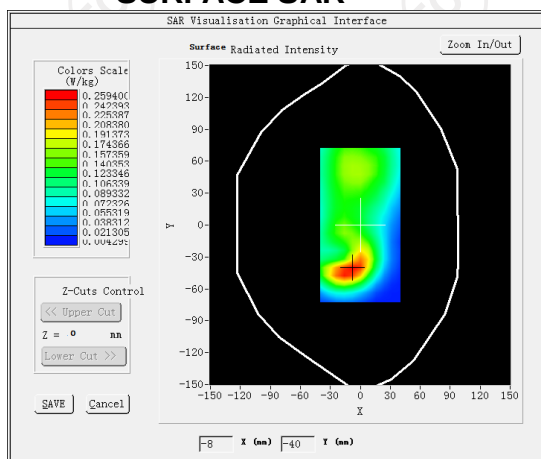
MEASUREMENT 2

High Band SAR (Channel 4132):

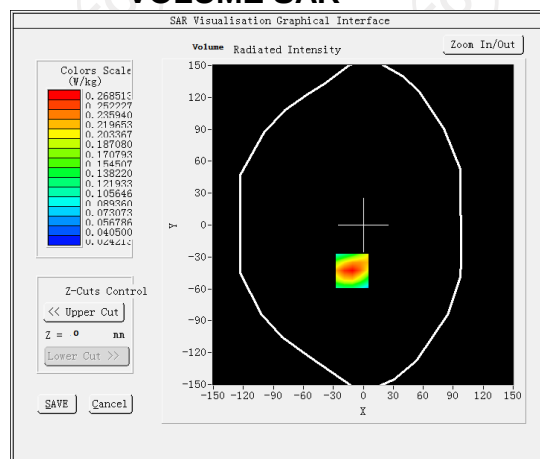
Date: 10/16/2024

Frequency (MHz)	826.400000
Relative permittivity (real part)	40.608100
Relative permittivity (imaginary part)	19.727010
Conductivity (S/m)	0.919320
Variation (%)	-4.570000
Crest Factor:	1.0
Probe Conversion factor	1.80
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
Phantom	<u>Validation plane</u>
Device Position	<u>Body back(10mm)</u>
Band	<u>BAND5 WCDMA850</u>

SURFACE SAR



VOLUME SAR



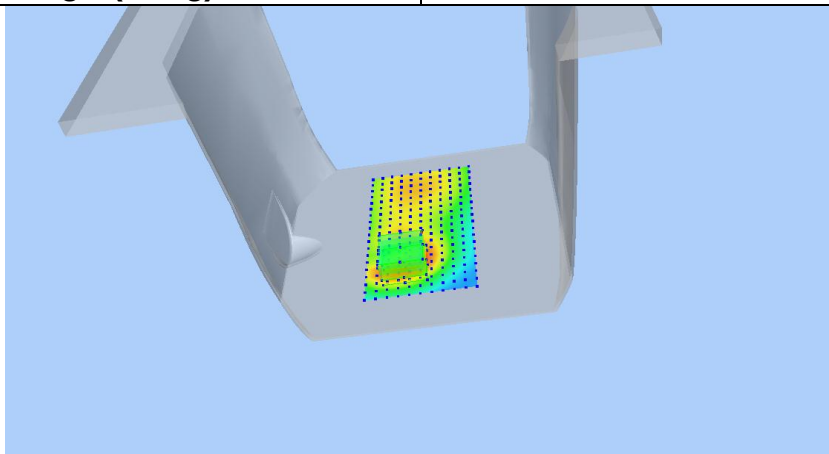
Maximum location: X=-11.00, Y=-43.00 SAR Peak: 0.41 W/kg

SAR 10g (W/Kg)

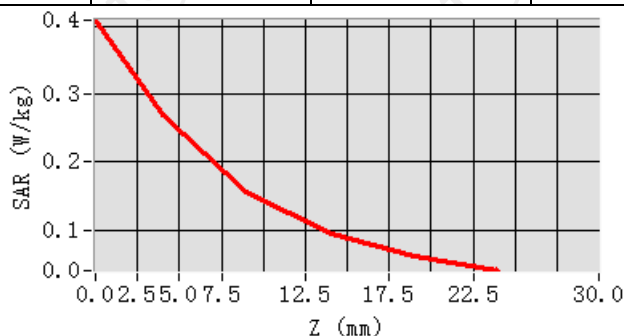
0.144994

SAR 1g (W/Kg)

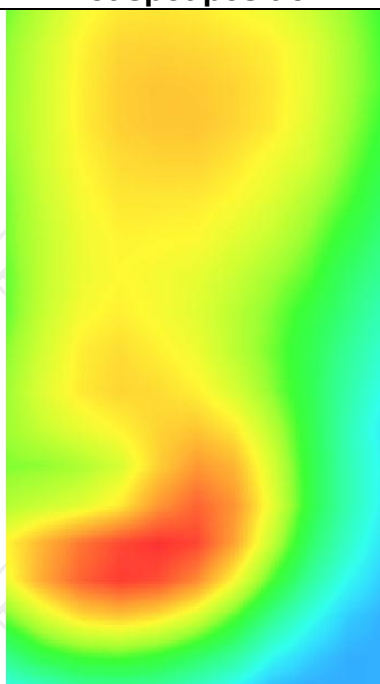
0.252650



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.4088	0.2685	0.1571	0.0946	0.0611



Hot spot position



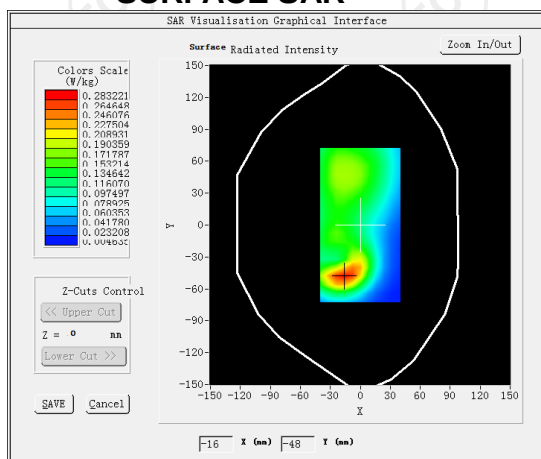
MEASUREMENT 3

High Band SAR (Channel 4132):

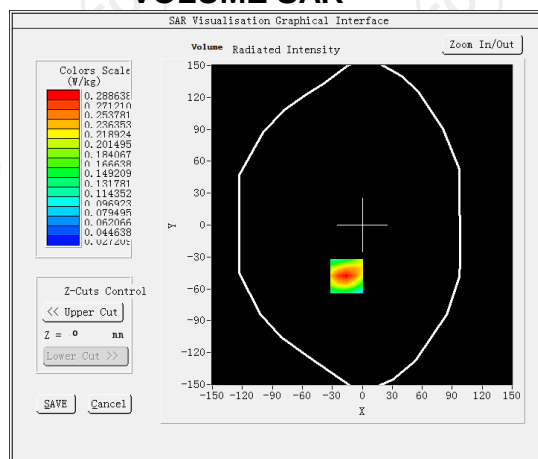
Date: 10/16/2024

Frequency (MHz)	826.400000
Relative permittivity (real part)	40.608100
Relative permittivity (imaginary part)	19.727010
Conductivity (S/m)	0.919320
Variation (%)	-0.020000
Crest Factor:	1.0
Probe Conversion factor	1.80
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
Phantom	<u>Validation plane</u>
Device Position	<u>Body back(10mm)</u>
Band	<u>BAND5 WCDMA850(hotspot)</u>

SURFACE SAR



VOLUME SAR



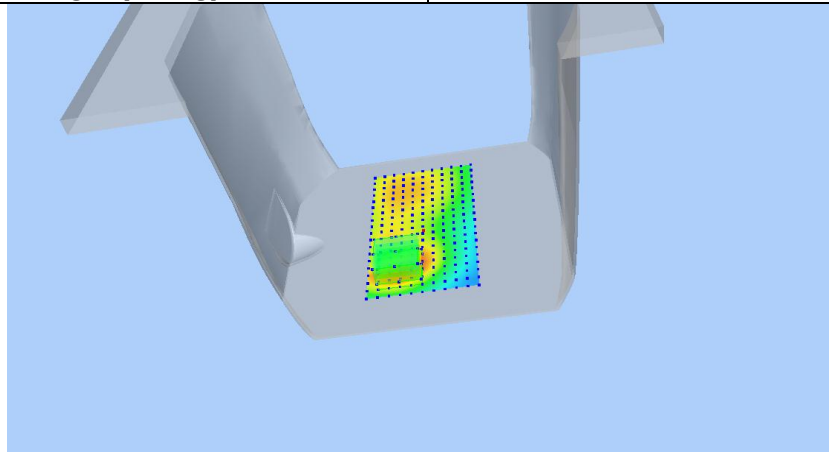
Maximum location: X=-16.00, Y=-48.00 SAR Peak: 0.44 W/kg

SAR 10g (W/Kg)

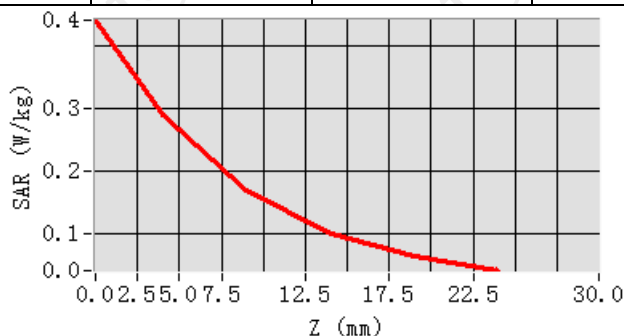
0.154516

SAR 1g (W/Kg)

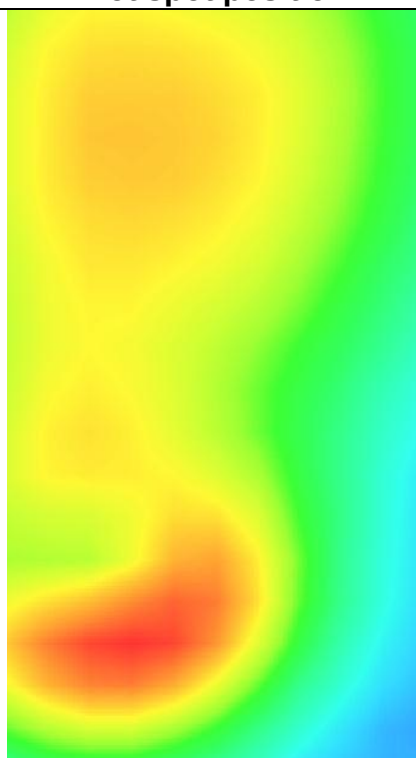
0.270747



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.4403	0.2886	0.1681	0.1004	0.0640



Hot spot position



LTE Band 2

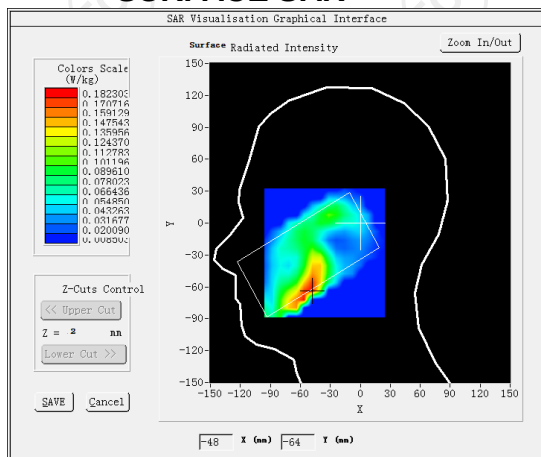
MEASUREMENT 1

Middle Band SAR (Channel 18900):

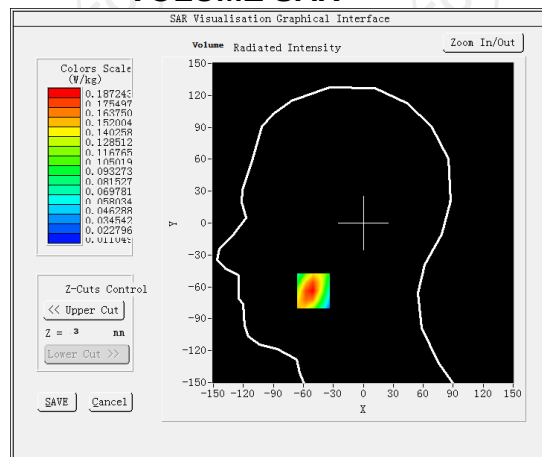
Date: 10/28/2024

Frequency (MHz)	1880.000000
Relative permittivity (real part)	39.236420
Relative permittivity (imaginary part)	13.504110
Conductivity (S/m)	1.406262
Variation (%)	-1.760000
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	Left head
Device Position	Cheek
Band	LTE band 2 (1 RB#0)

SURFACE SAR



VOLUME SAR



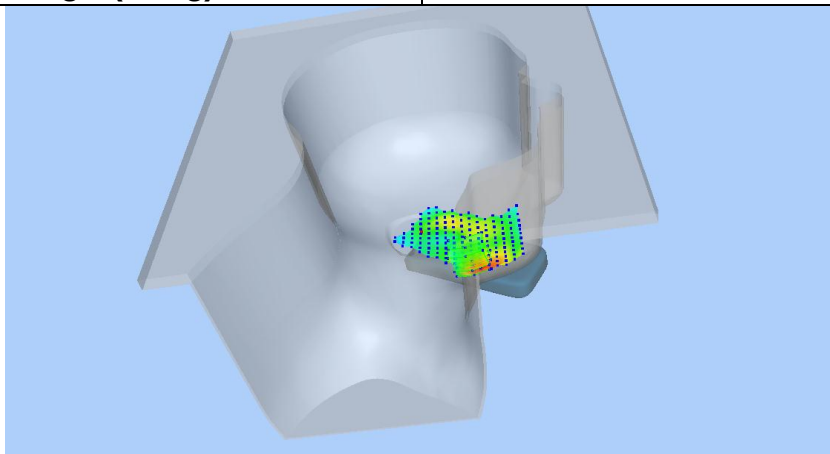
Maximum location: X=-50.00, Y=-64.00 SAR Peak: 0.28 W/kg

SAR 10g (W/Kg)

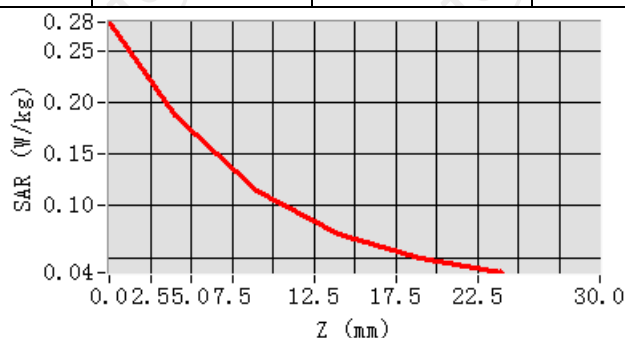
0.105768

SAR 1g (W/Kg)

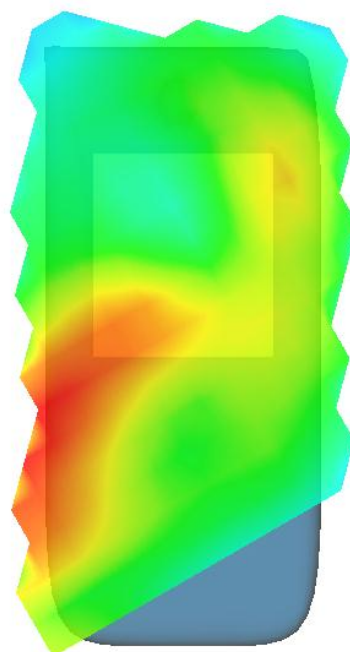
0.178495



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2781	0.1872	0.1141	0.0724	0.0497



Hot spot position



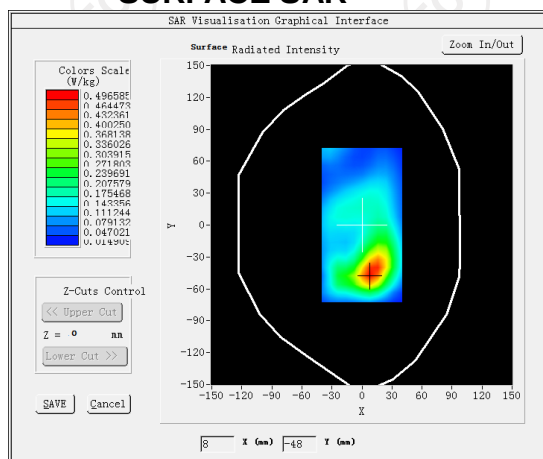
MEASUREMENT 2

Middle Band SAR (Channel 18900):

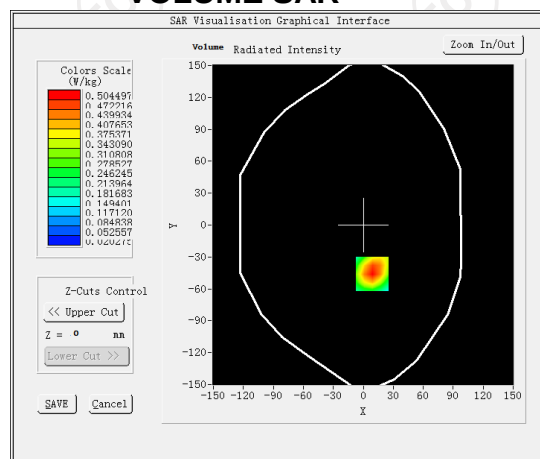
Date: 10/28/2024

Frequency (MHz)	1880.000000
Relative permittivity (real part)	39.236420
Relative permittivity (imaginary part)	13.504110
Conductivity (S/m)	1.406262
Variation (%)	-3.120000
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 back(10mm)
Band	LTE band 2 (1 RB#0)

SURFACE SAR



VOLUME SAR



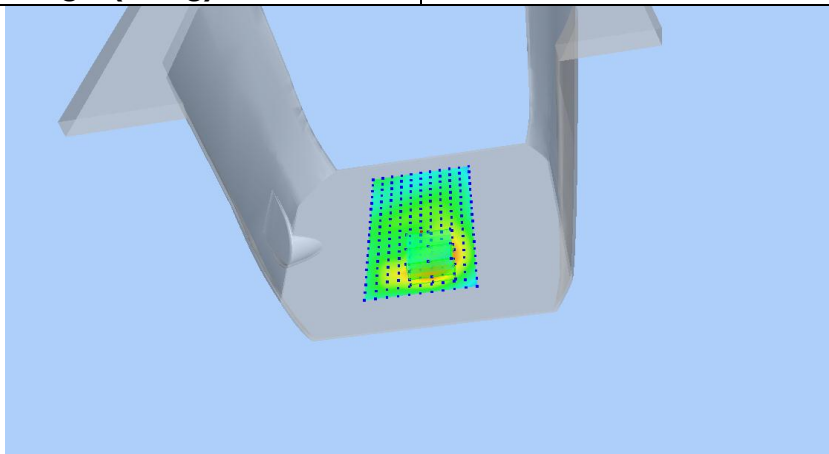
Maximum location: X=9.00, Y=-46.00 SAR Peak: 0.76 W/kg

SAR 10g (W/Kg)

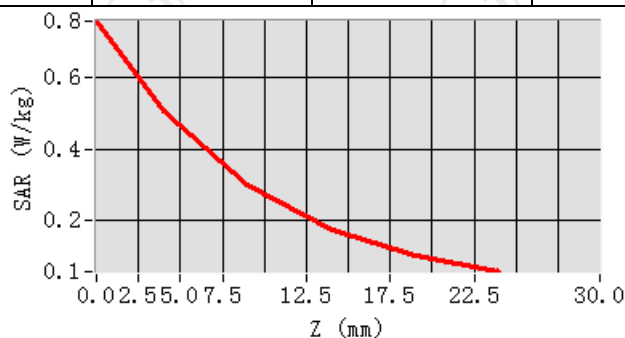
0.269923

SAR 1g (W/Kg)

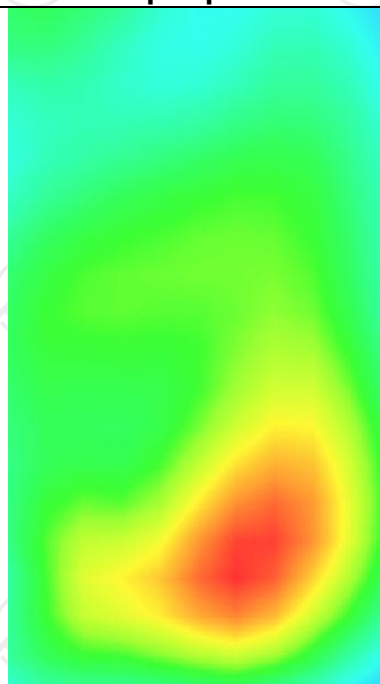
0.475124



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.7540	0.5045	0.2984	0.1757	0.1048



Hot spot position



MEASUREMENT 3

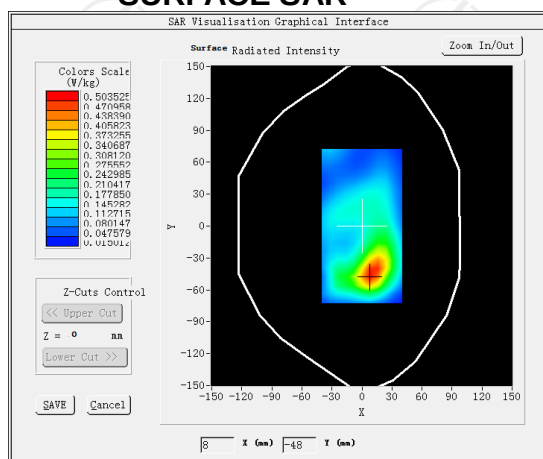
Middle Band SAR (Channel 18900):

Date: 10/28/2024

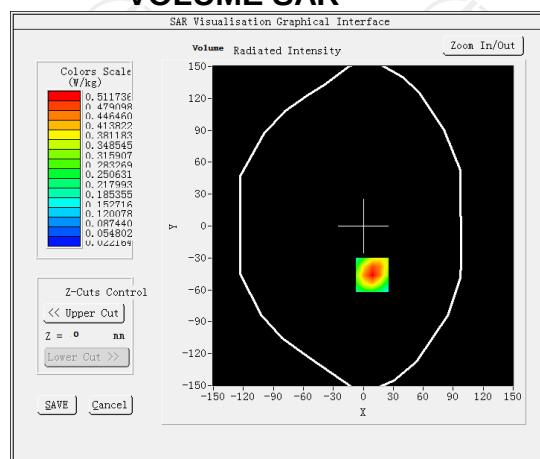
Frequency (MHz)	1880.000000
Relative permittivity (real part)	39.236420
Relative permittivity (imaginary part)	13.504110
Conductivity (S/m)	1.406262
Variation (%)	-3.170000
Crest Factor	1.0
Probe Conversion factor	2.23
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
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



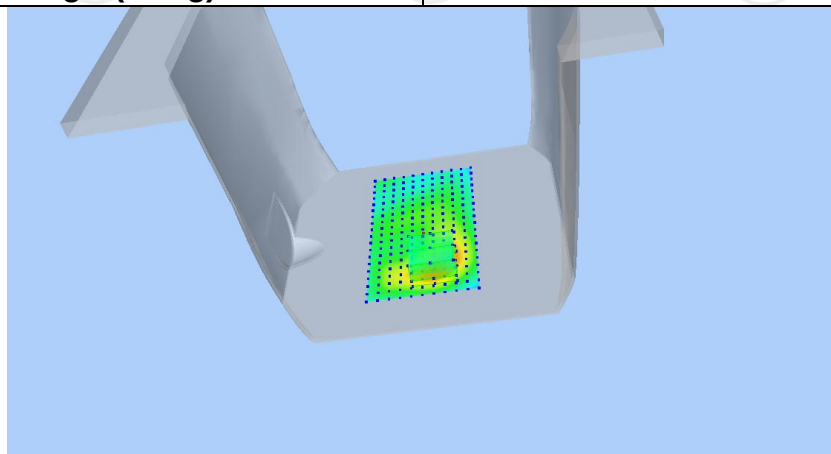
Maximum location: X=9.00, Y=-46.00 SAR Peak: 0.77 W/kg

SAR 10g (W/Kg)

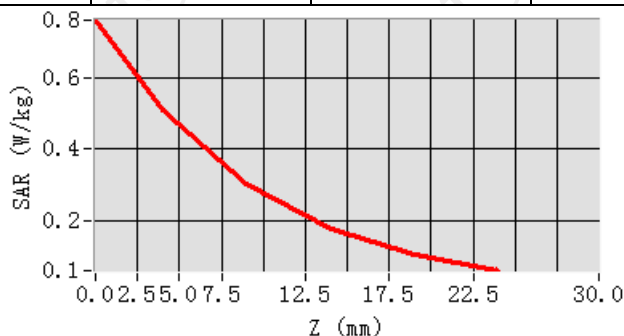
0.273098

SAR 1g (W/Kg)

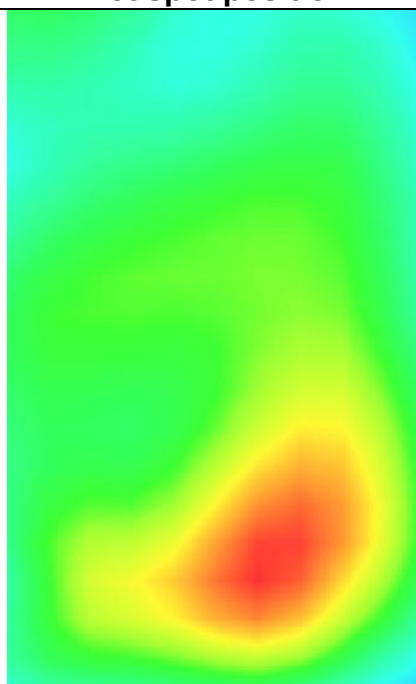
0.481299



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.7642	0.5117	0.3026	0.1774	0.1046



Hot spot position



LTE Band 4

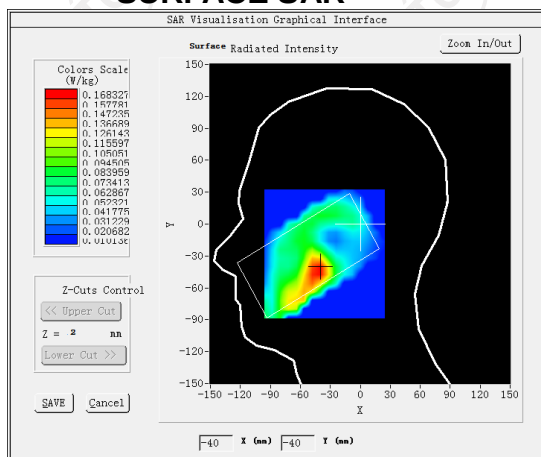
MEASUREMENT 1

High Band SAR (Channel 20300):

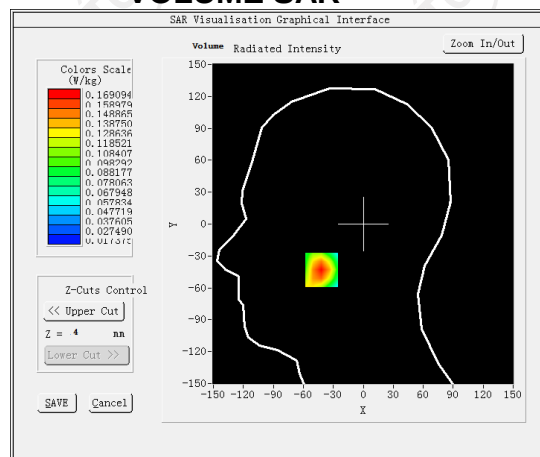
Date: 10/22/2024

Frequency (MHz)	1745.000000
Relative permittivity (real part)	39.411312
Relative permittivity (imaginary part)	14.428281
Conductivity (S/m)	1.363110
Variation (%)	-1.270000
Crest Factor	1.0
Probe Conversion factor	2.08
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
Phantom	<u>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>LTE band 4(1 RB#50)</u>

SURFACE SAR



VOLUME SAR



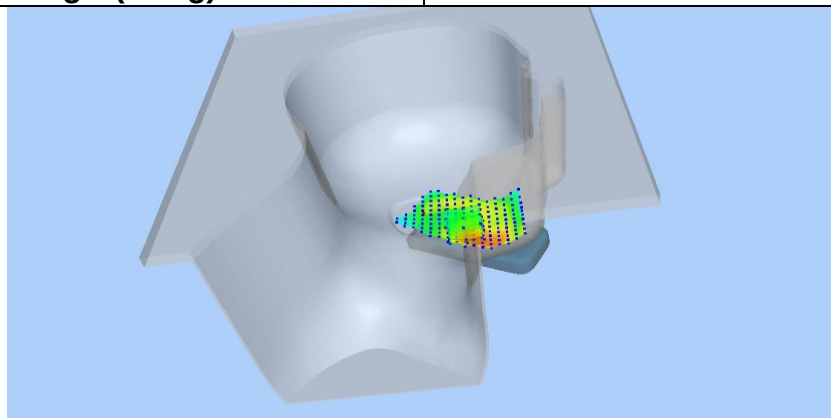
Maximum location: X=-42.00, Y=-43.00 SAR Peak: 0.22 W/kg

SAR 10g (W/Kg)

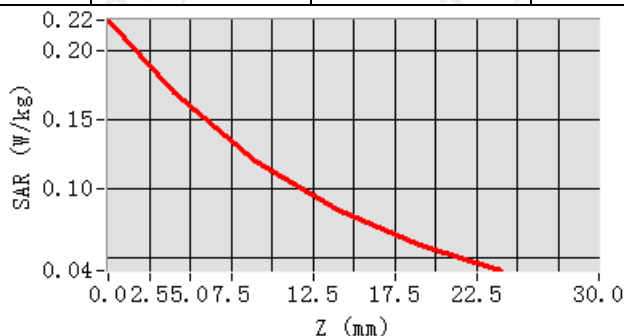
0.100548

SAR 1g (W/Kg)

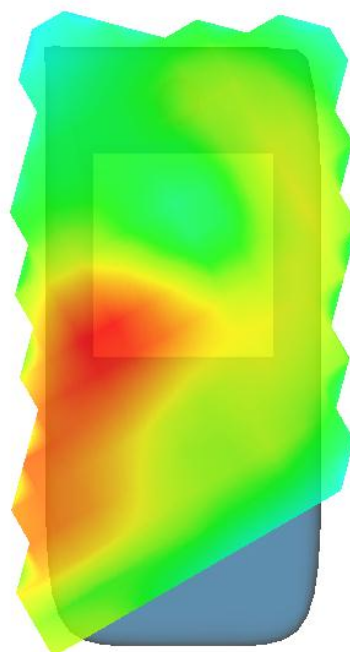
0.158854



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2220	0.1691	0.1193	0.0841	0.0591



Hot spot position



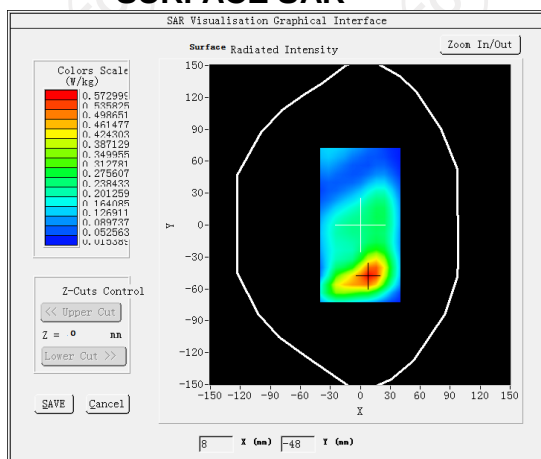
MEASUREMENT 2

High Band SAR (Channel 20300):

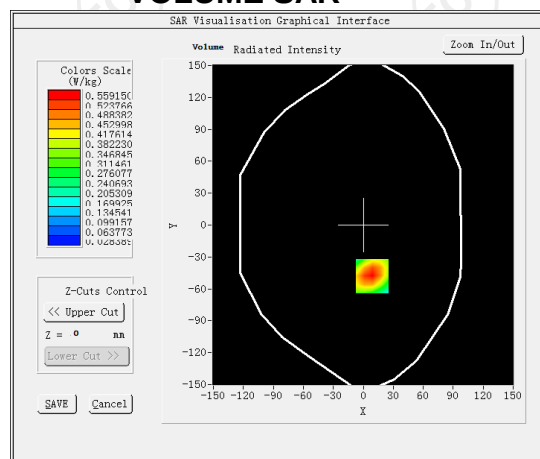
Date: 10/22/2024

Frequency (MHz)	1745.000000
Relative permittivity (real part)	39.411312
Relative permittivity (imaginary part)	14.428281
Conductivity (S/m)	1.363110
Variation (%)	-1.630000
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#50)</u>

SURFACE SAR

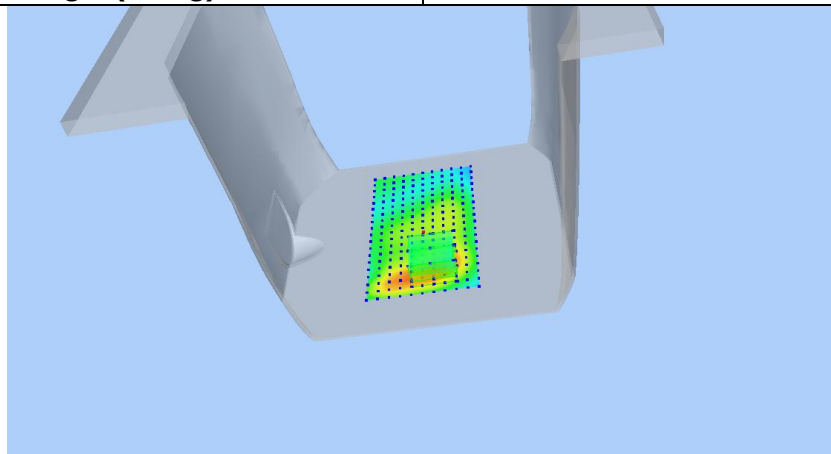


VOLUME SAR

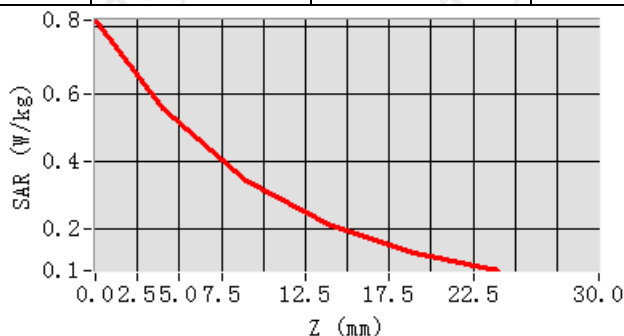


Maximum location: X=9.00, Y=-48.00 SAR Peak: 0.82 W/kg

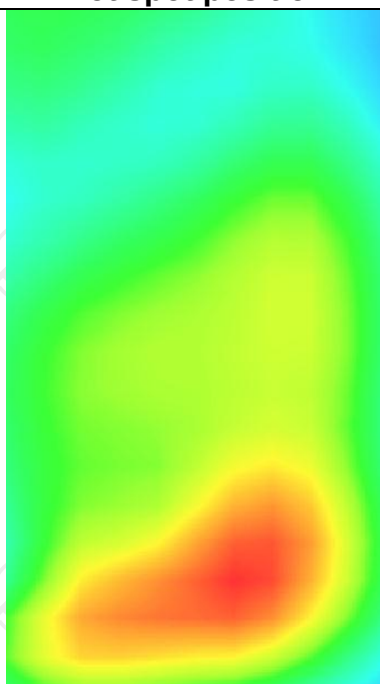
SAR 10g (W/Kg)	0.309133
SAR 1g (W/Kg)	0.528585



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.8202	0.5592	0.3398	0.2059	0.1262



Hot spot position



MEASUREMENT 3

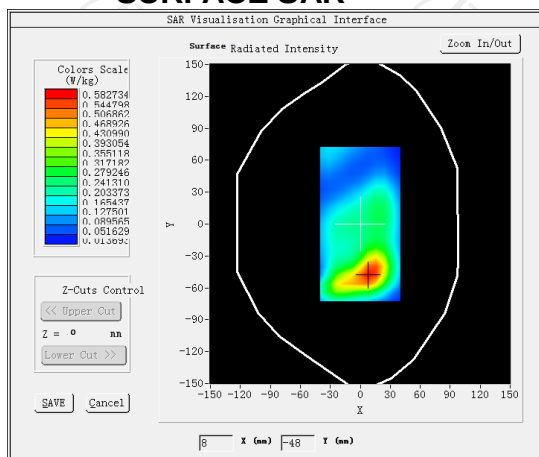
High Band SAR (Channel 20300):

Date: 10/22/2024

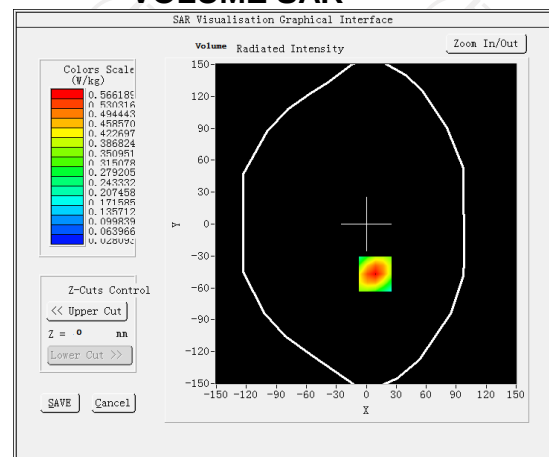
Frequency (MHz)	1745.000000
Relative permittivity (real part)	39.411312
Relative permittivity (imaginary part)	14.428281
Conductivity (S/m)	1.363110
Variation (%)	-4.330000
Crest Factor	1.0
Probe Conversion factor	2.08
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
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 back(hotspot 10mm)
Band	LTE band 4(1 RB#50)

SURFACE SAR

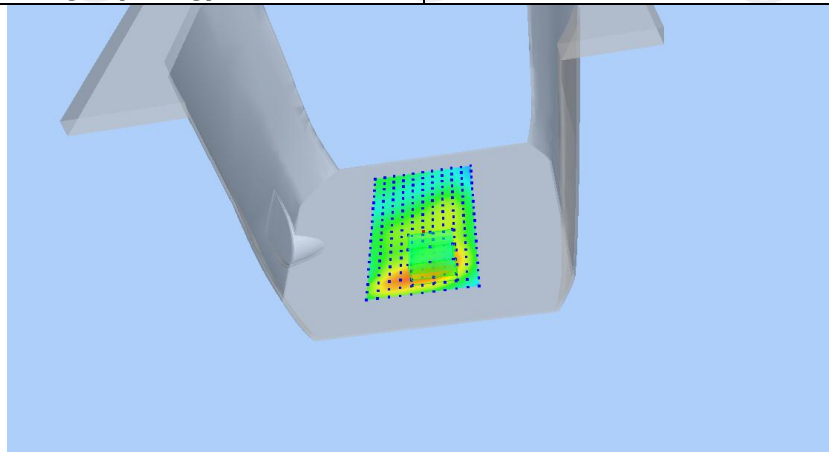


VOLUME SAR

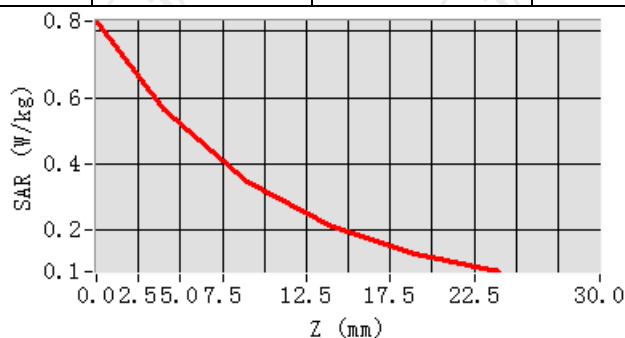


Maximum location: X=9.00, Y=-47.00 SAR Peak: 0.83 W/kg

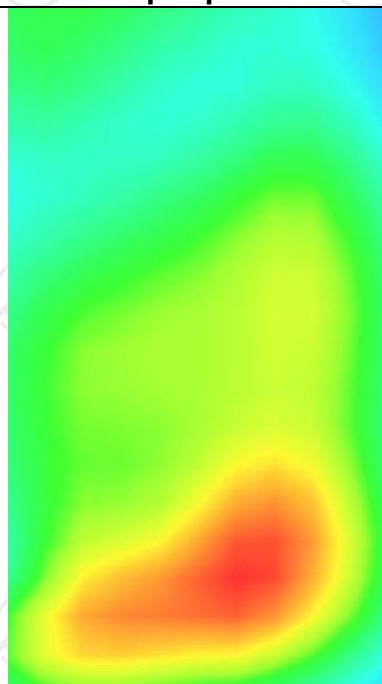
SAR 10g (W/Kg)	0.310498
SAR 1g (W/Kg)	0.532890



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.8311	0.5662	0.3434	0.2073	0.1261



Hot spot position



LTE Band 5

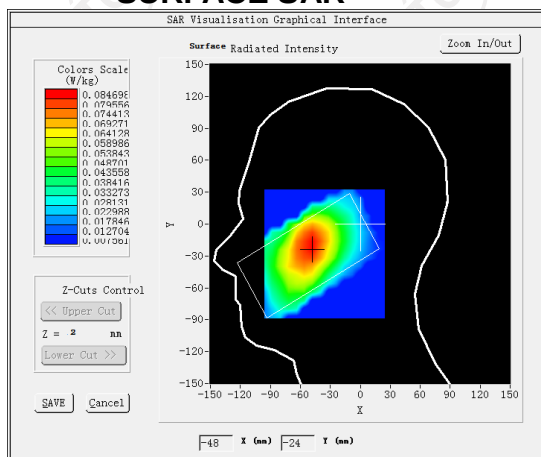
MEASUREMENT 1

Middle Band SAR (Channel 20525):

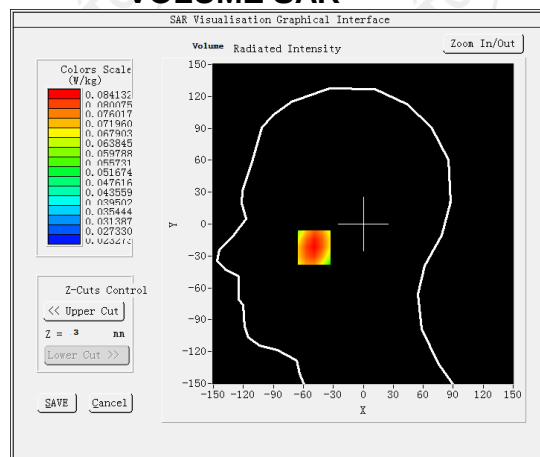
Date: 10/17/2024

Frequency (MHz)	836.500000
Relative permittivity (real part)	40.575302
Relative permittivity (imaginary part)	19.498210
Conductivity (S/m)	0.920491
Variation (%)	-4.840000
Crest Factor	1.0
Probe Conversion factor	1.80
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
Phantom	<u>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>LTE band 5(1 RB#25)</u>

SURFACE SAR

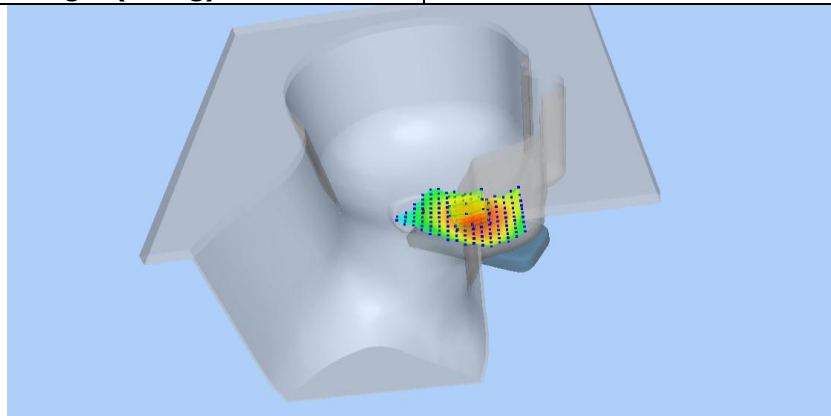


VOLUME SAR

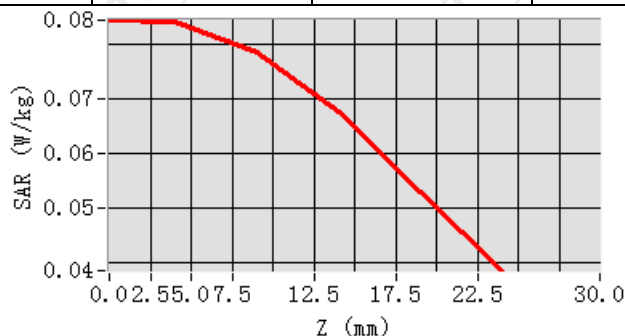


Maximum location: X=-49.00, Y=-22.00 SAR Peak: 0.08 W/kg

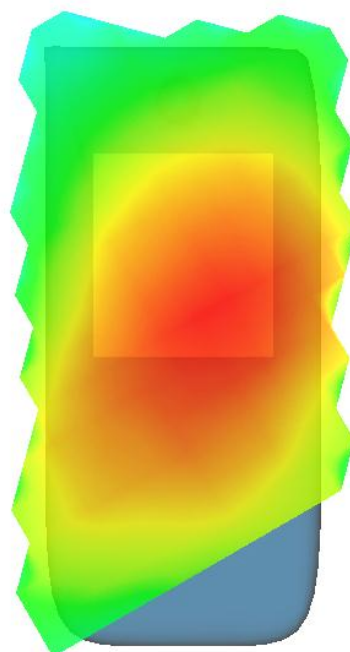
SAR 10g (W/Kg)	0.068053
SAR 1g (W/Kg)	0.082137



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0843	0.0841	0.0785	0.0675	0.0531



Hot spot position



MEASUREMENT 2

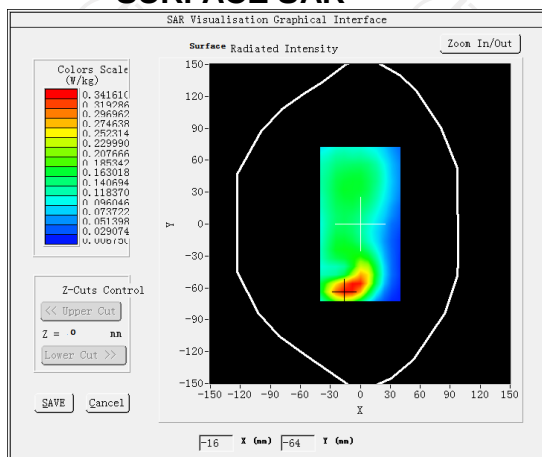
Middle Band SAR (Channel 20525):

Date: 10/17/2024

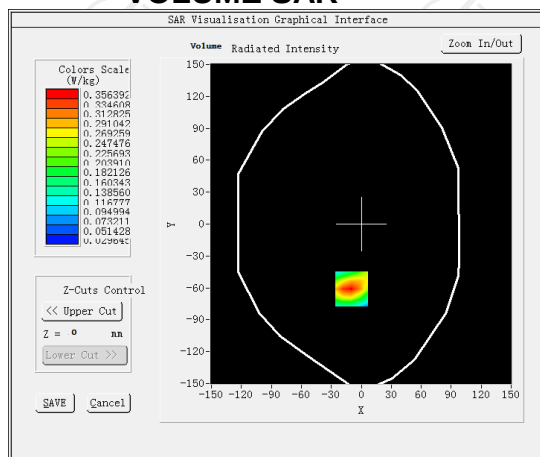
Frequency (MHz)	836.500000
Relative permittivity (real part)	40.575302
Relative permittivity (imaginary part)	19.498210
Conductivity (S/m)	0.920491
Variation (%)	-1.070000
Crest Factor	1.0
Probe Conversion factor	1.80
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<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	LTE band 5(1 RB#25)

SURFACE SAR



VOLUME SAR



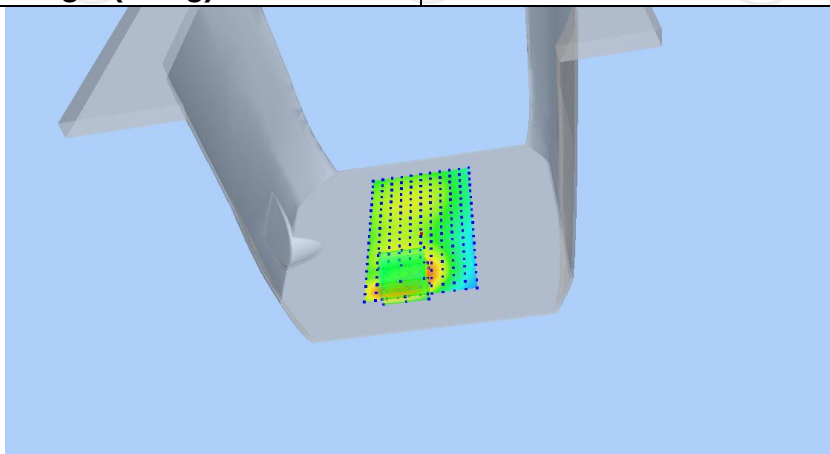
Maximum location: X=-10.00, Y=-61.00 SAR Peak: 0.53 W/kg

SAR 10g (W/Kg)

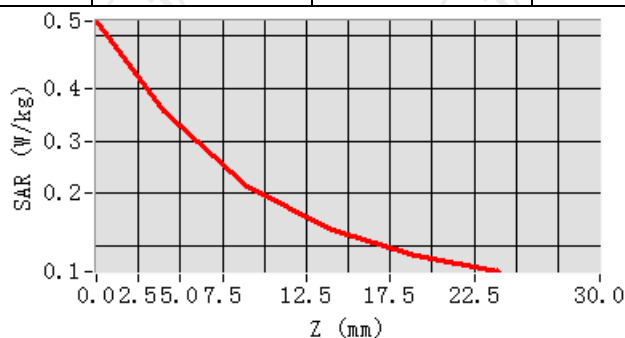
0.190011

SAR 1g (W/Kg)

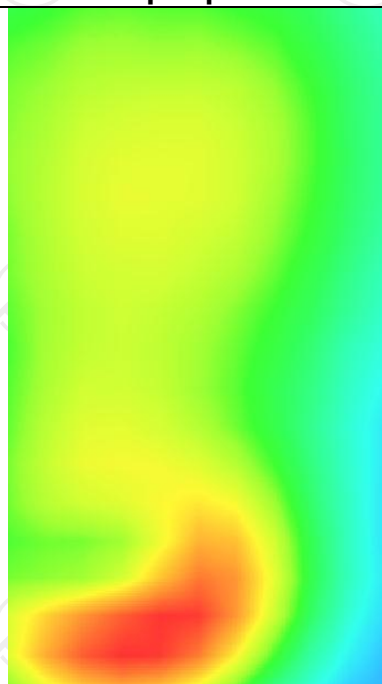
0.333141



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.5278	0.3564	0.2152	0.1314	0.0832



Hot spot position



MEASUREMENT 3

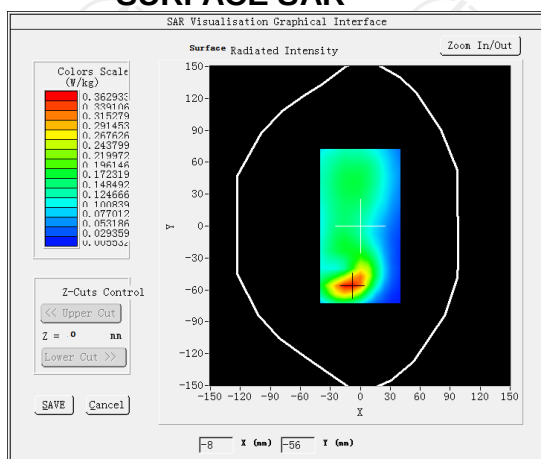
Middle Band SAR (Channel 20525):

Date: 10/17/2024

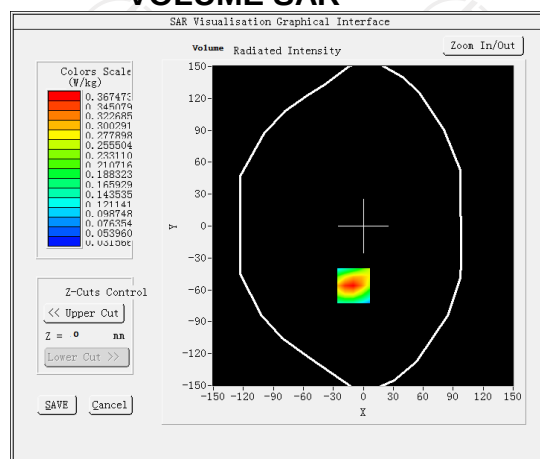
Frequency (MHz)	836.500000
Relative permittivity (real part)	40.575302
Relative permittivity (imaginary part)	19.498210
Conductivity (S/m)	0.920491
Variation (%)	-3.550000
Crest Factor	1.0
Probe Conversion factor	1.80
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<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	LTE band 5(1 RB#25)

SURFACE SAR



VOLUME SAR



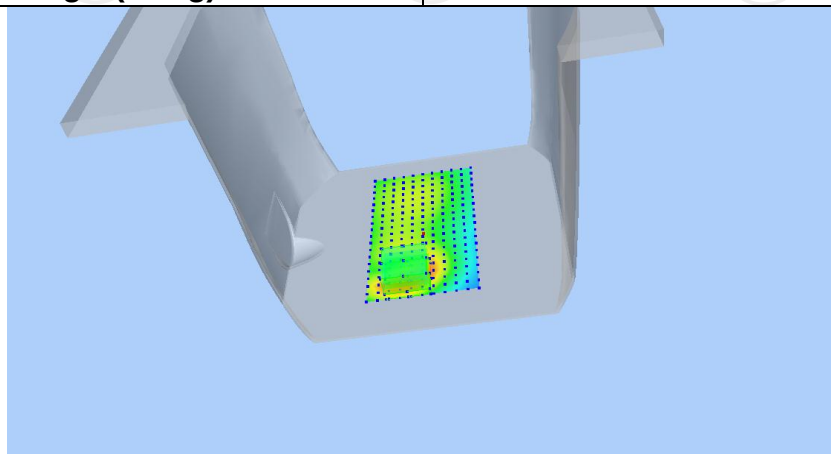
Maximum location: X=-10.00, Y=-56.00 SAR Peak: 0.56 W/kg

SAR 10g (W/Kg)

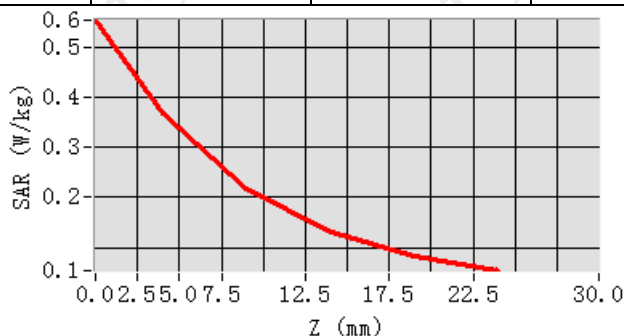
0.194836

SAR 1g (W/Kg)

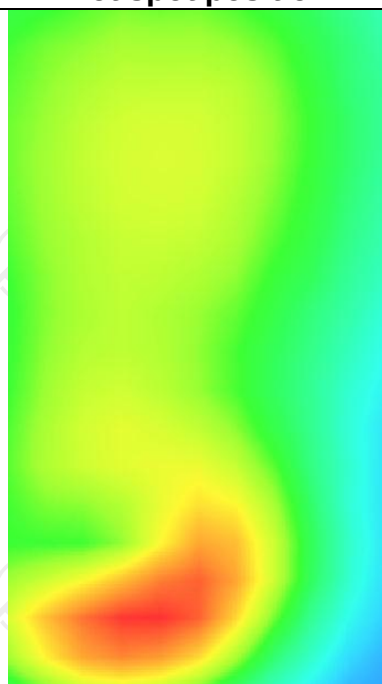
0.344360



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.5549	0.3675	0.2168	0.1308	0.0834



Hot spot position



LTE Band 12

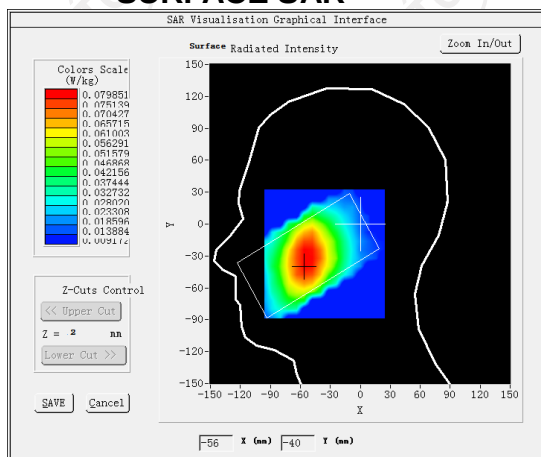
MEASUREMENT 1

Middle Band SAR (Channel 23095):

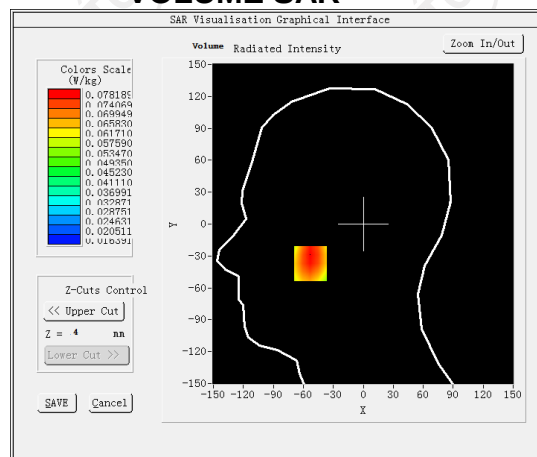
Date: 10/10/2024

Frequency (MHz)	707.500000
Relative permittivity (real part)	41.000231
Relative permittivity (imaginary) part)	22.418487
Conductivity (S/m)	0.905495
Variation (%)	-1.570000
Crest Factor	1.0
Probe Conversion factor	1.71
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
Phantom	<u>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>LTE band 12(1 RB#25)</u>

SURFACE SAR



VOLUME SAR



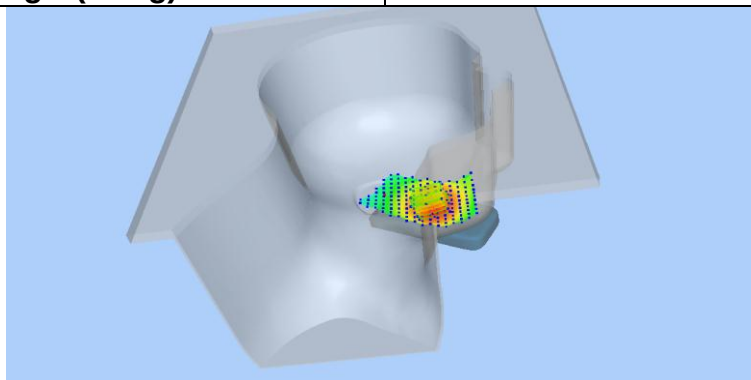
Maximum location: X=-53.00, Y=-37.00 SAR Peak: 0.08 W/kg

SAR 10g (W/Kg)

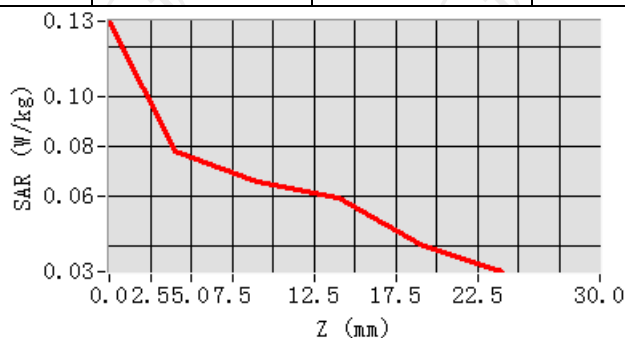
0.062941

SAR 1g (W/Kg)

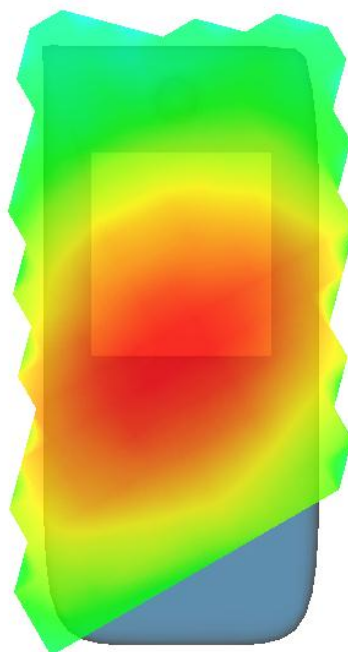
0.077796



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.1304	0.0782	0.0657	0.0595	0.0406



Hot spot position



MEASUREMENT 2

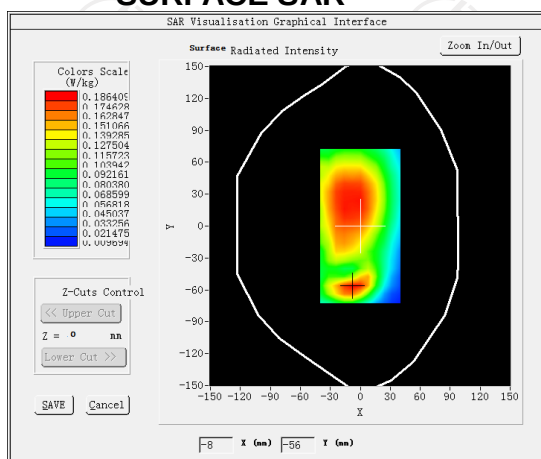
Middle Band SAR (Channel 23095):

Date: 10/10/2024

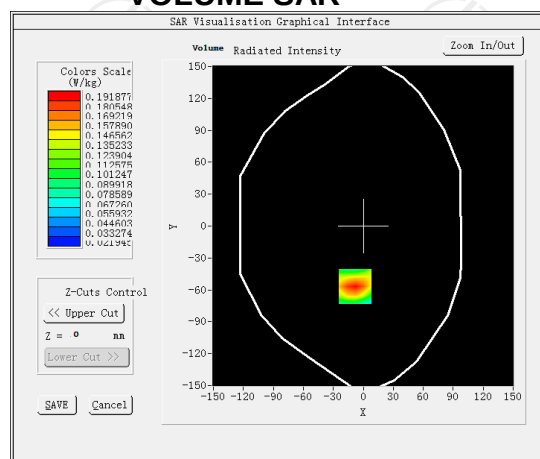
Frequency (MHz)	707.500000
Relative permittivity (real part)	41.000231
Relative permittivity (imaginary part)	22.418487
Conductivity (S/m)	0.905495
Variation (%)	-2.740000
Crest Factor	1.0
Probe Conversion factor	1.71
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>

Phantom	Validation plane
Device Position	Body back(10mm)
Band	<u>LTE band 12(1 RB#25)</u>

SURFACE SAR

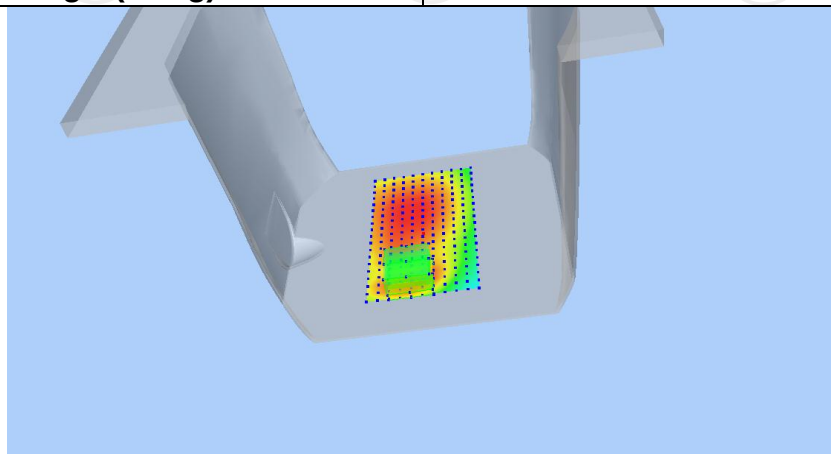


VOLUME SAR

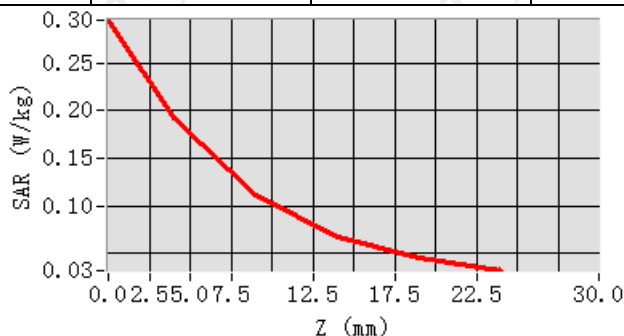


Maximum location: X=-8.00, Y=-57.00 SAR Peak: 0.30 W/kg

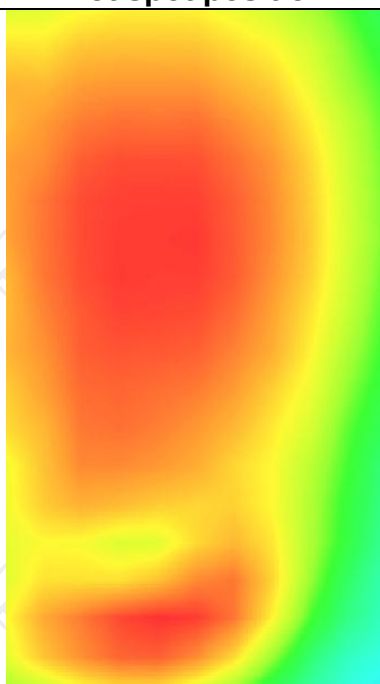
SAR 10g (W/Kg)	0.106216
SAR 1g (W/Kg)	0.183909



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2953	0.1919	0.1112	0.0674	0.0450



Hot spot position



MEASUREMENT 3

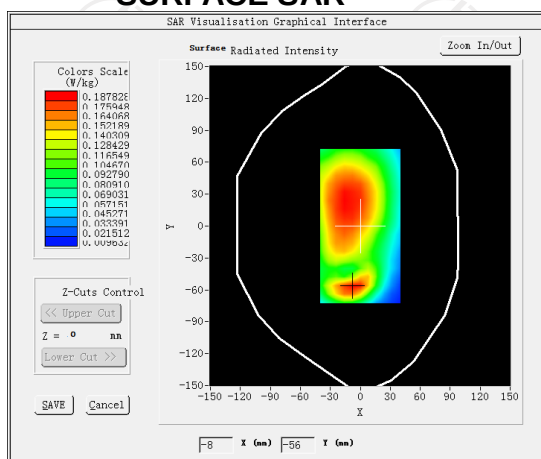
Middle Band SAR (Channel 23095):

Date: 10/10/2024

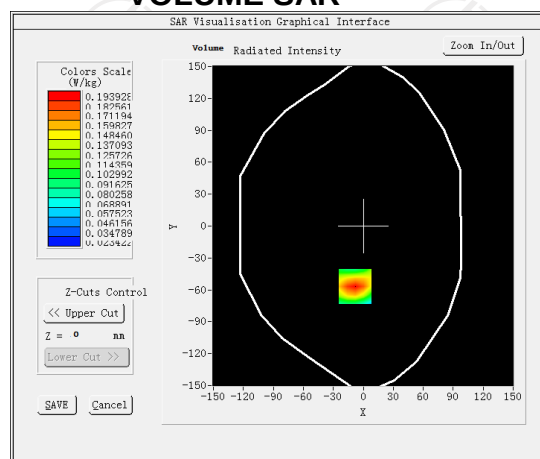
Frequency (MHz)	707.500000
Relative permittivity (real part)	41.000231
Relative permittivity (imaginary part)	22.418487
Conductivity (S/m)	0.905495
Variation (%)	-2.190000
Crest Factor	1.0
Probe Conversion factor	1.71
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>

Phantom	Validation plane
Device Position	Body back(hotspot 10mm)
Band	<u>LTE band 12(1 RB#25)</u>

SURFACE SAR



VOLUME SAR



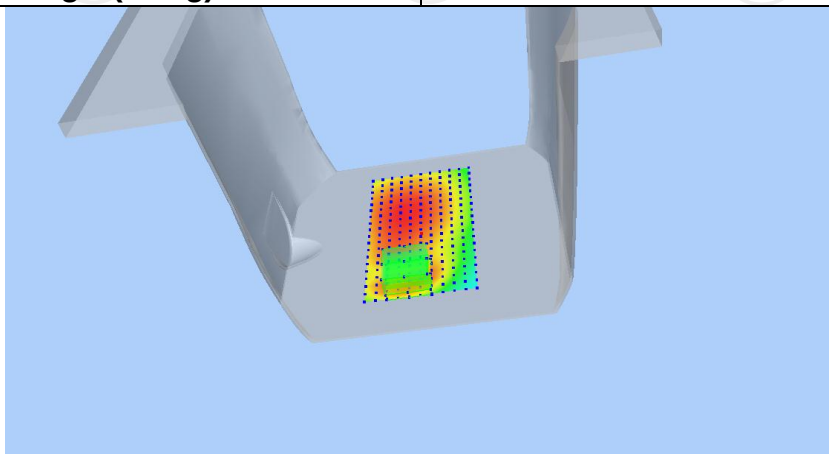
Maximum location: X=-8.00, Y=-57.00 SAR Peak: 0.30 W/kg

SAR 10g (W/Kg)

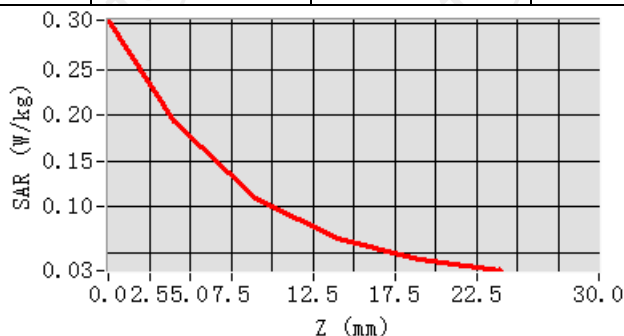
0.106196

SAR 1g (W/Kg)

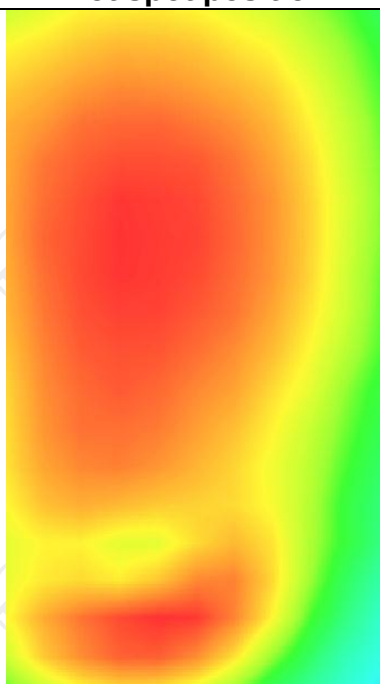
0.185956



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3035	0.1939	0.1099	0.0653	0.0433



Hot spot position



LTE Band 17

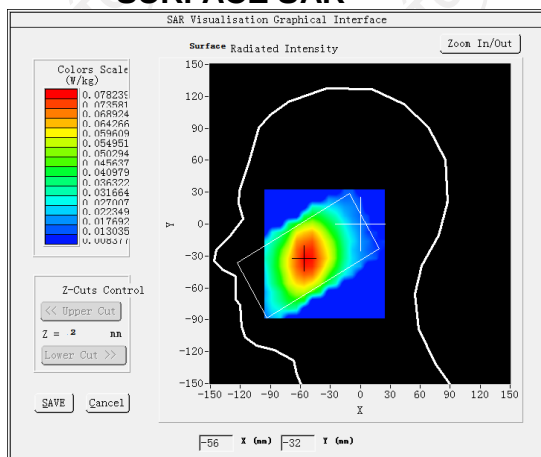
MEASUREMENT 1

Middle Band SAR (Channel 23790):

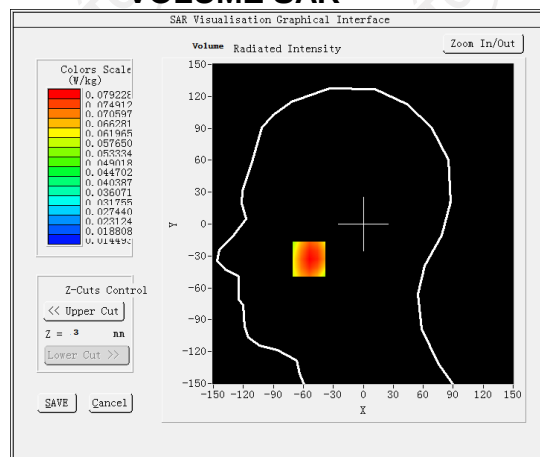
Date: 10/10/2024

Frequency (MHz)	710.000000
Relative permittivity (real part)	40.992130
Relative permittivity (imaginary part)	22.361426
Conductivity (S/m)	0.905112
Variation (%)	-1.540000
Crest Factor	1.0
Probe Conversion factor	1.71
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7, dx=8mm dy=8mm</u> <u>dz=5mm, Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>
Phantom	<u>Left head</u>
Device Position	<u>Cheek</u>
Band	<u>LTE band 17(1 RB#0)</u>

SURFACE SAR



VOLUME SAR



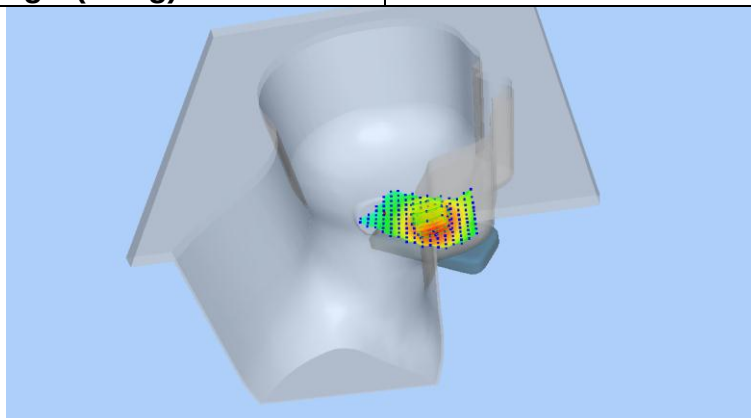
Maximum location: X=-54.00, Y=-33.00 SAR Peak: 0.09 W/kg

SAR 10g (W/Kg)

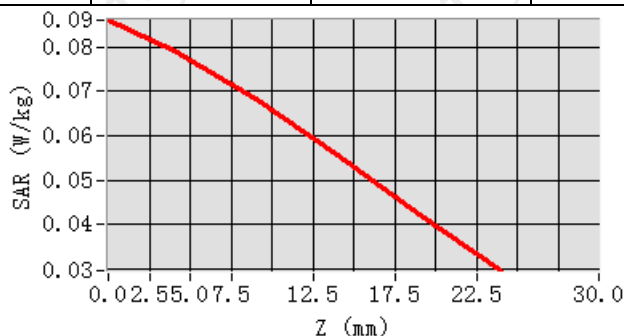
0.061135

SAR 1g (W/Kg)

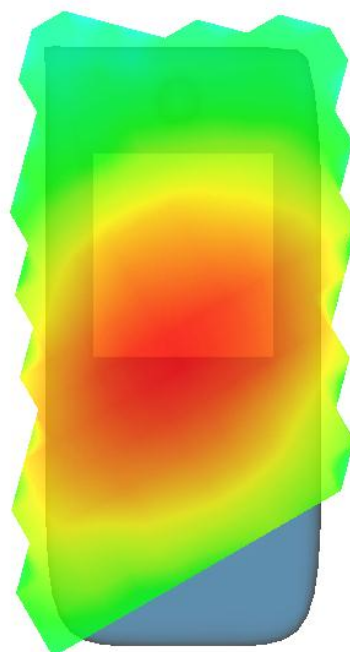
0.078415



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.0860	0.0792	0.0684	0.0556	0.0421



Hot spot position



MEASUREMENT 2

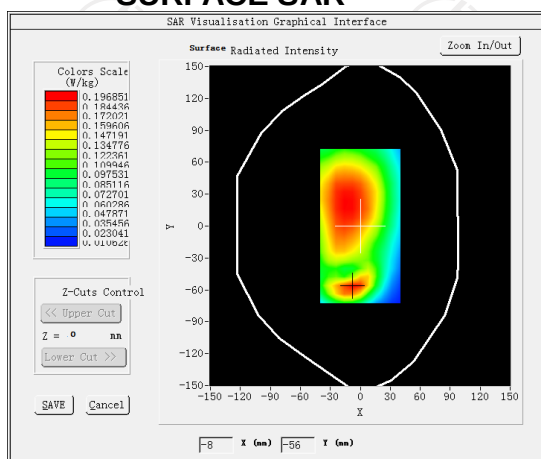
Middle Band SAR (Channel 23790):

Date: 10/10/2024

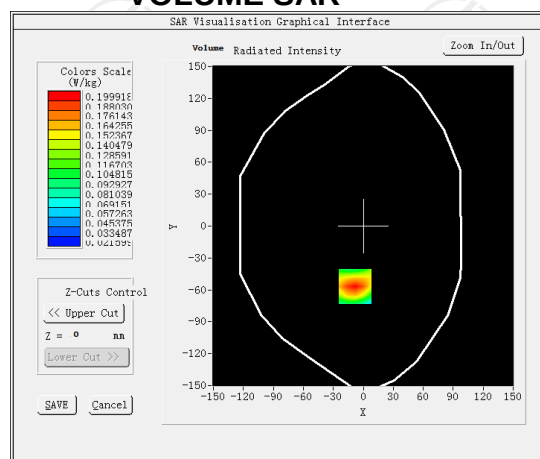
Frequency (MHz)	710.000000
Relative permittivity (real part)	40.992130
Relative permittivity (imaginary part)	22.361426
Conductivity (S/m)	0.905112
Variation (%)	-4.950000
Crest Factor	1.0
Probe Conversion factor	1.71
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>

Phantom	Validation plane
Device Position	Body back(10mm)
Band	LTE band 17(1 RB#0)

SURFACE SAR

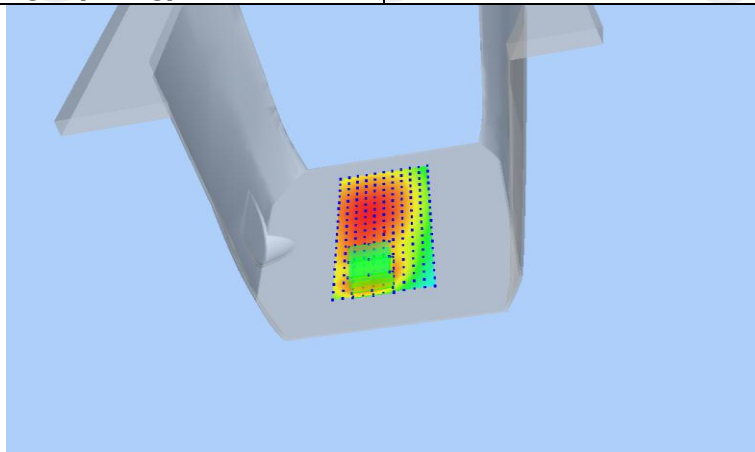


VOLUME SAR

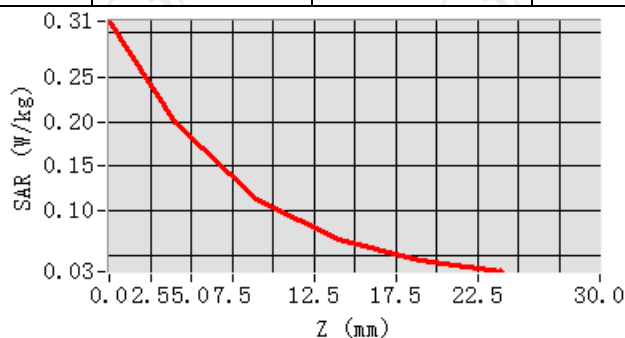


Maximum location: X=-8.00, Y=-57.00 SAR Peak: 0.31 W/kg

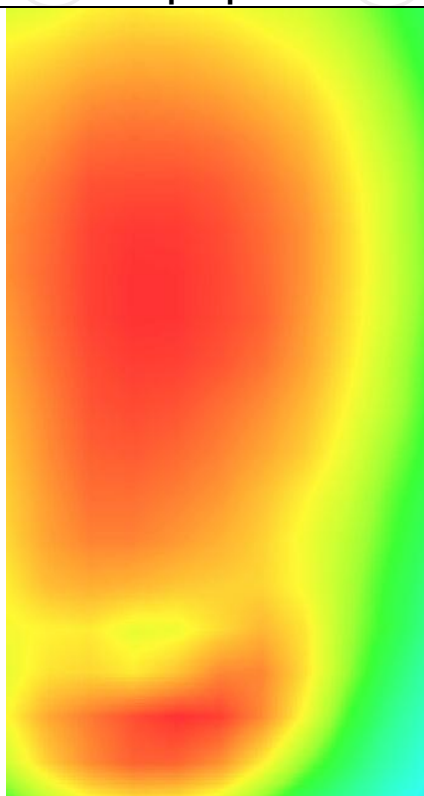
SAR 10g (W/Kg)	0.109781
SAR 1g (W/Kg)	0.191696



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.3132	0.1999	0.1131	0.0672	0.0446



Hot spot position



MEASUREMENT 3

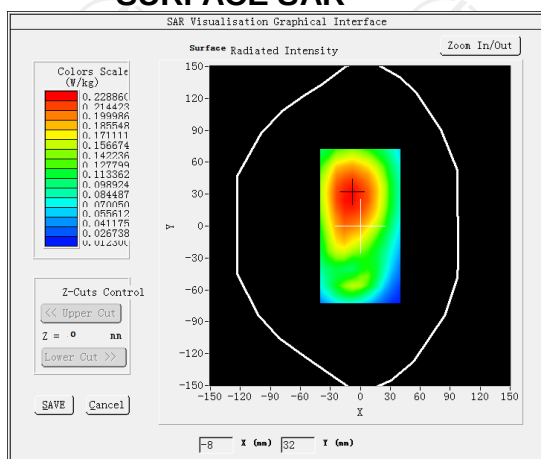
iddle Band SAR (Channel 23790):

Date: 10/10/2024

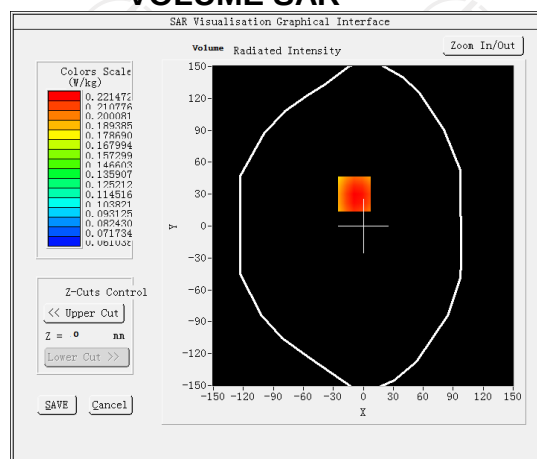
Frequency (MHz)	710.000000
Relative permittivity (real part)	40.992130
Relative permittivity (imaginary part)	22.361426
Conductivity (S/m)	0.905112
Variation (%)	-4.720000
Crest Factor	1.0
Probe Conversion factor	1.71
E-Field Probe:	SSE2 (SN 25/22 EPG0375)
Area Scan	<u>dx=8mm dy=8mm, h= 5.00 mm</u>
ZoomScan	<u>5x5x7,dx=8mm dy=8mm</u> <u>dz=5mm,Complete/ndx=8mm dy=8mm, h=</u> <u>5.00 mm</u>

Phantom	Validation plane
Device Position	Body back(hotspot 10mm)
Band	LTE band 17(1 RB#0)

SURFACE SAR

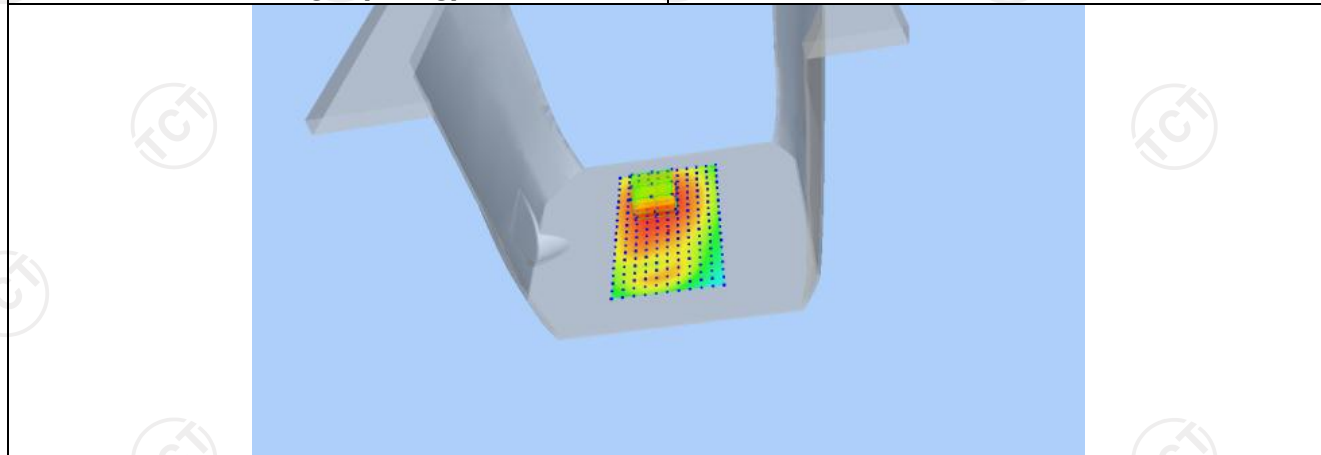


VOLUME SAR

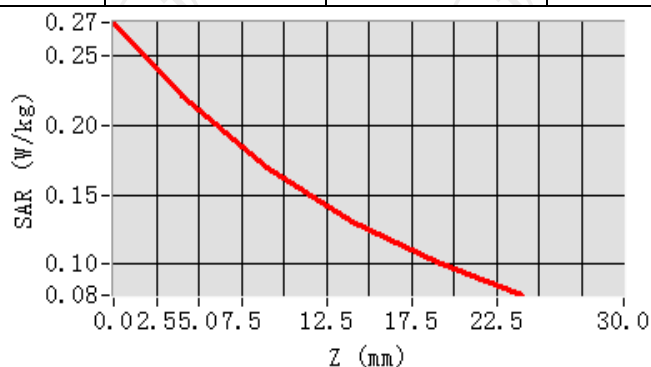


Maximum location: X=-9.00, Y=30.00 SAR Peak: 0.27 W/kg

SAR 10g (W/Kg)	0.163424
SAR 1g (W/Kg)	0.219137



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.2736	0.2215	0.1699	0.1311	0.1017



Hot spot position

