Test Laboratory: AGC Lab **Date: Oct. 30, 2021**
LTE Band 66 Mid-Face up (1 RB#0)
DUT: POC Radio; Type: IP-39S

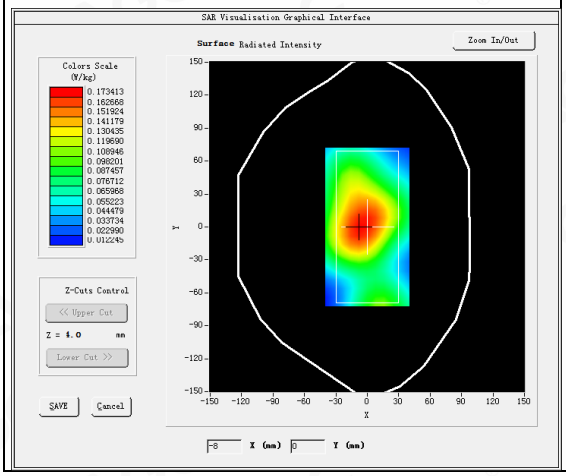
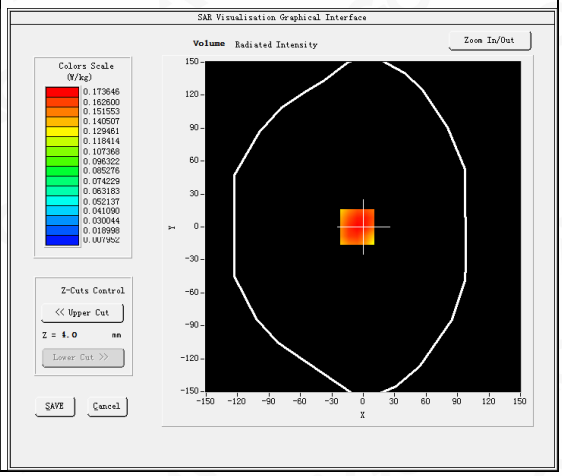
Communication System: LTE; Communication System Band: LTE Band 66; Duty Cycle:1:1; Conv.F=4.57; Frequency:1755 MHz; Medium parameters used: f = 1800 MHz; σ=1.36 mho/m; εr =41.31; ρ= 1000 kg/m^3 ; Phantom section: Flat Section
Ambient temperature (℃): 21.7, Liquid temperature (℃): 21.5

SATIMO Configuration:

- Probe: SSE5; Calibrated: Aug. 17, 2021; Serial No.: SN 24/20 EP336
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 66 Mid-Face up/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 66 Mid-Face up/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

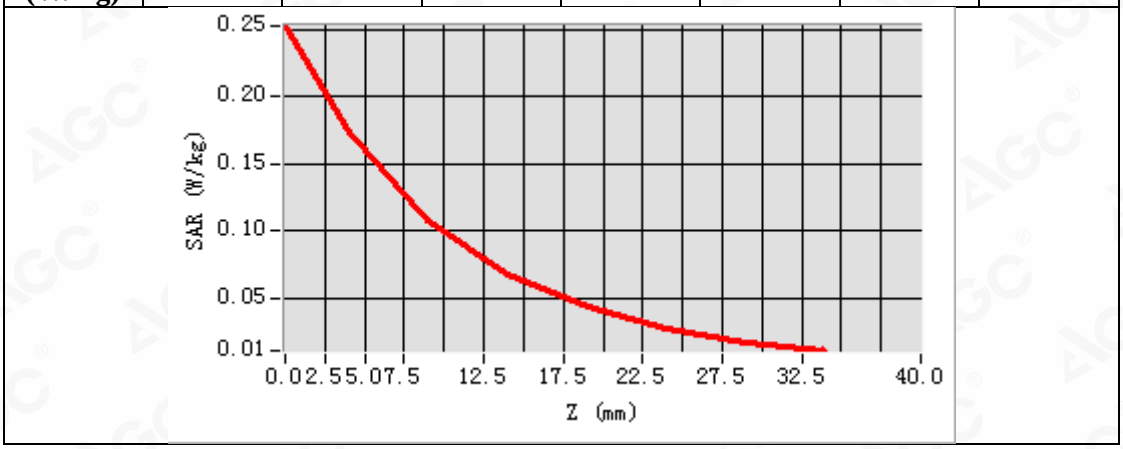
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Face up
Band	LTE Band 66
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

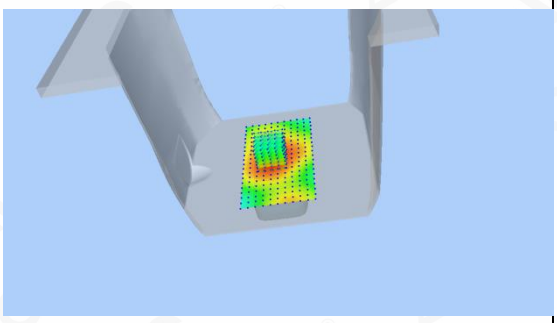
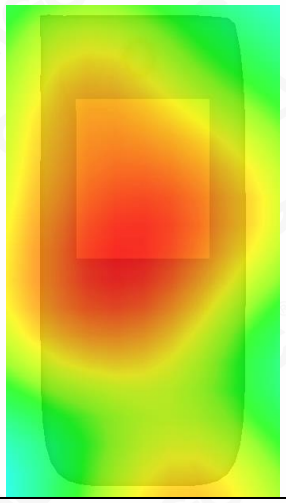
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-6.00, Y=0.00
SAR Peak: 0.26 W/kg

SAR 10g (W/Kg)	0.104783
SAR 1g (W/Kg)	0.167743

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2522	0.1736	0.1080	0.0684	0.0434	0.0280	0.0177



3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: Nov. 01, 2021**
LTE Band 71 Mid-Body-Back (1 RB#0)
DUT: POC Radio; Type: IP-39S

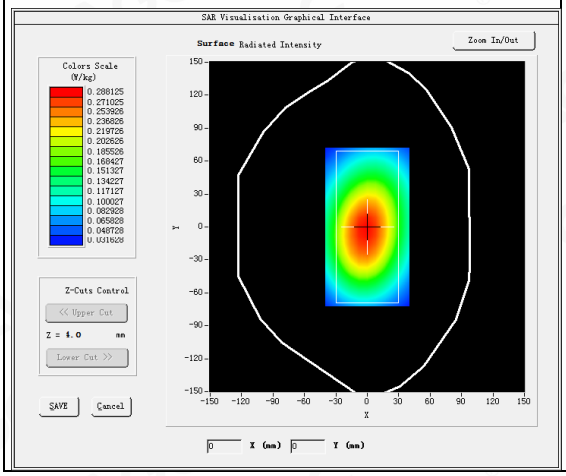
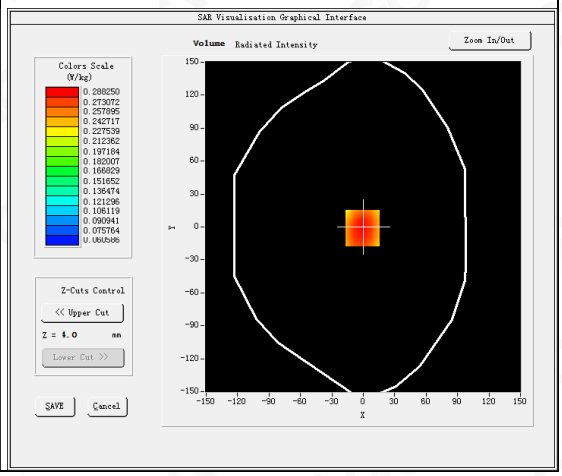
Communication System: LTE; Communication System Band: LTE Band 71; Duty Cycle:1:1; Conv.F=5.35;
Frequency: 683 MHz; Medium parameters used: f = 750 MHz; σ=0.88 mho/m; εr =42.91; ρ= 1000 kg/m³ ;
Phantom section: Flat Section
Ambient temperature (℃): 22.1 Liquid temperature (℃): 21.9

SATIMO Configuration:

- Probe: SSE5; Calibrated: Aug. 17, 2021; Serial No.: SN 24/20 EP336
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 71 Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 71 Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

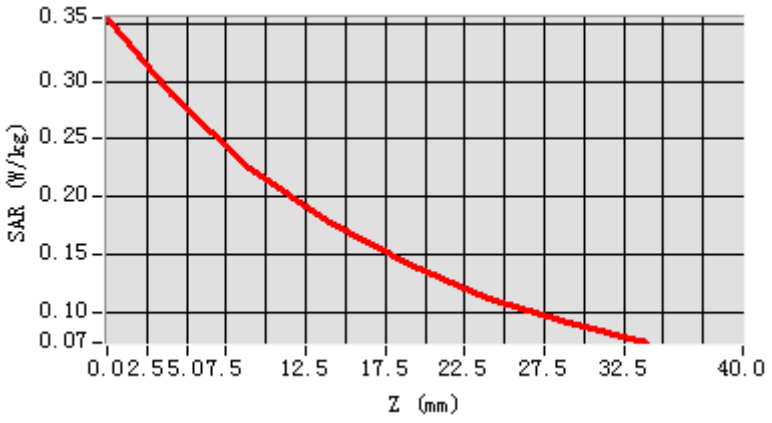
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 71
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

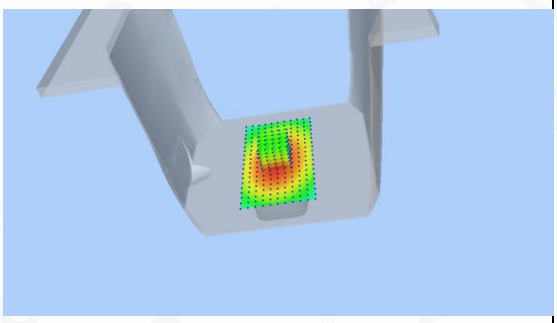
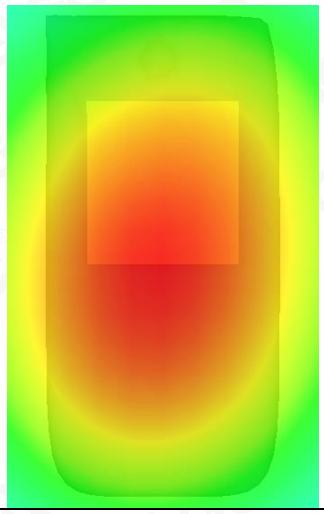
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-1.00, Y=-1.00
SAR Peak: 0.36 W/kg

SAR 10g (W/Kg)	0.214362
SAR 1g (W/Kg)	0.285715

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3547	0.2883	0.2242	0.1772	0.1407	0.1126	0.0909



3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: Nov. 01, 2021**
LTE Band 71 Mid-Face up (1 RB#0)
DUT: POC Radio; Type: IP-39S

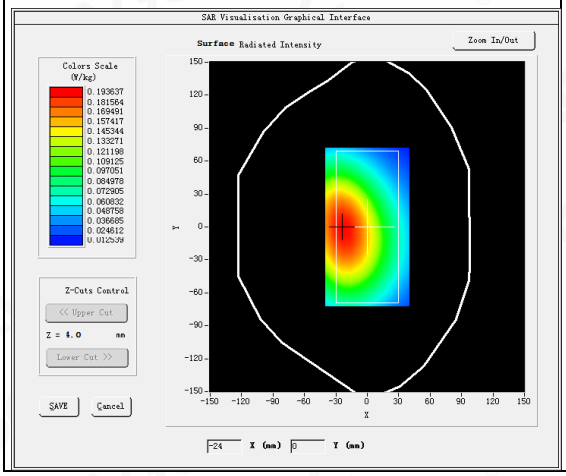
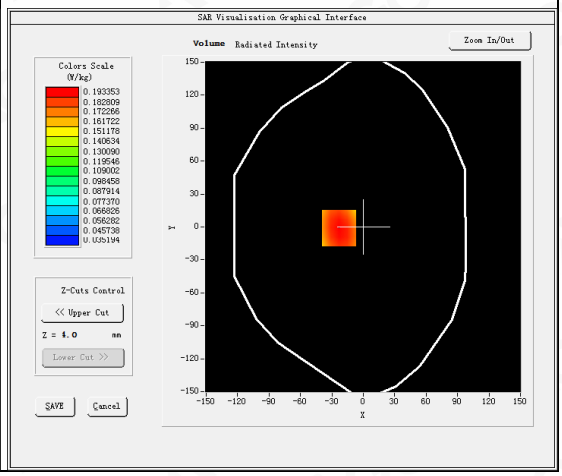
Communication System: LTE; Communication System Band: LTE Band 71; Duty Cycle:1:1; Conv.F=5.35;
Frequency: 683 MHz; Medium parameters used: f = 750 MHz; σ=0.88 mho/m; εr =42.91; ρ= 1000 kg/m³ ;
Phantom section: Flat Section
Ambient temperature (℃): 22.1 Liquid temperature (℃): 21.9

SATIMO Configuration:

- Probe: SSE5; Calibrated: Aug. 17, 2021; Serial No.: SN 24/20 EP336
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 71 Mid-Face up/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 71 Mid-Face up/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

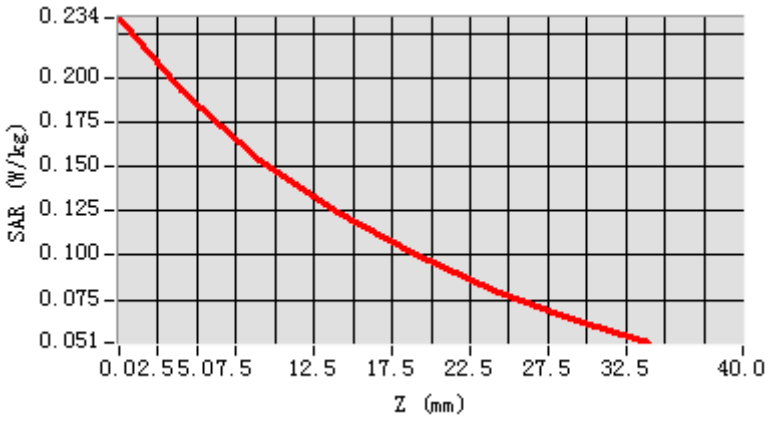
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Face up
Band	LTE Band 71
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

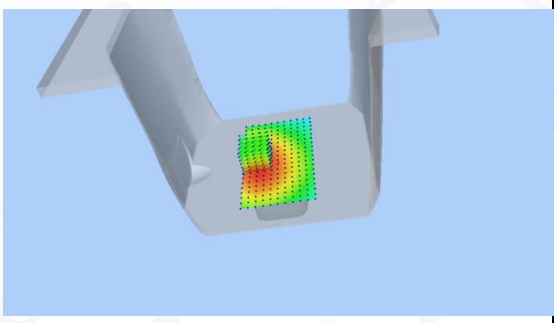
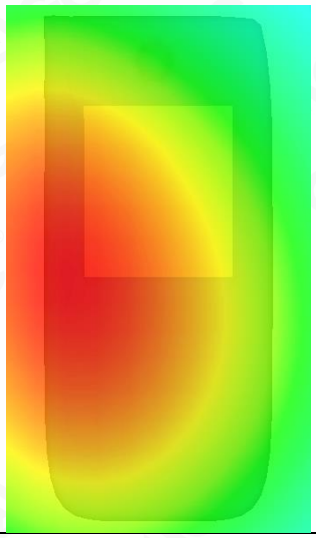
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-23.00, Y=-1.00
SAR Peak: 0.23 W/kg

SAR 10g (W/Kg)	0.147795
SAR 1g (W/Kg)	0.192176

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2336	0.1934	0.1540	0.1241	0.1000	0.0802	0.0641



3D screen shot	Hot spot position
	

APPENDIX C. TEST SETUP PHOTOGRAPHS

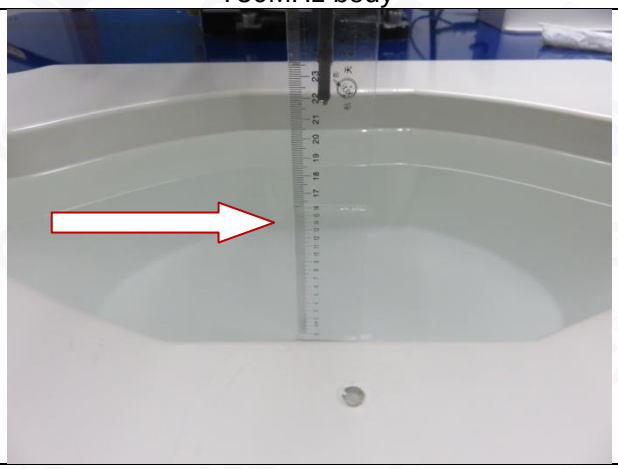
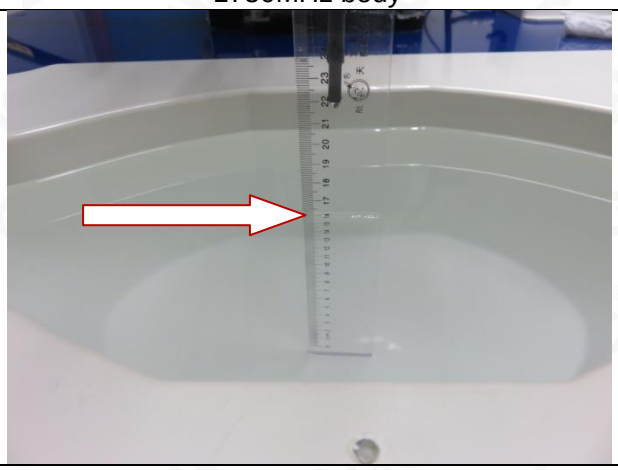
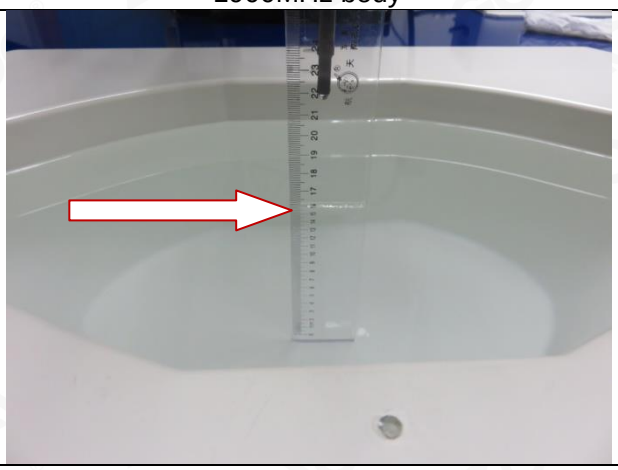
Face Up with 2.5 cm Separation Distance.

Body Back Touch with all accessories

The thickness of EUT is 4.3cm

DEPTH OF THE LIQUID IN THE PHANTOM—ZOOM IN

Note：The position used in the measurement were according to IEEE 1528-2013

750MHz body	835MHz body
	
1750MHz body	1900MHz body
	

APPENDIX D. CALIBRATION DATA

Refer to Attached files.

Conditions of Issuance of Test Reports

1. All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Co., Ltd (the "Company") solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the "Clients").

2. Any report issued by Company as a result of this application for testing services (the "Report") shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.

3.The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.

4. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.

5. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.

6. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.

7.Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.

8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.

9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.