



# The Photos of SAR test

No. I21Z70555-SEM01

For

**Samsung Electronics Co., Ltd.**

**Multi-band GSM/WCDMA/LTE phone with Bluetooth, WLAN**

**Model Name: SM-A032F/DS, SM-A032F**

**with**

**Hardware Version: REV1.0**

**Software Version: A032F.001**

**FCC ID: ZCASMA032F**

**Note:**

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of CTTL.

**Test Laboratory:**

CTTL, Telecommunication Technology Labs, CAICT

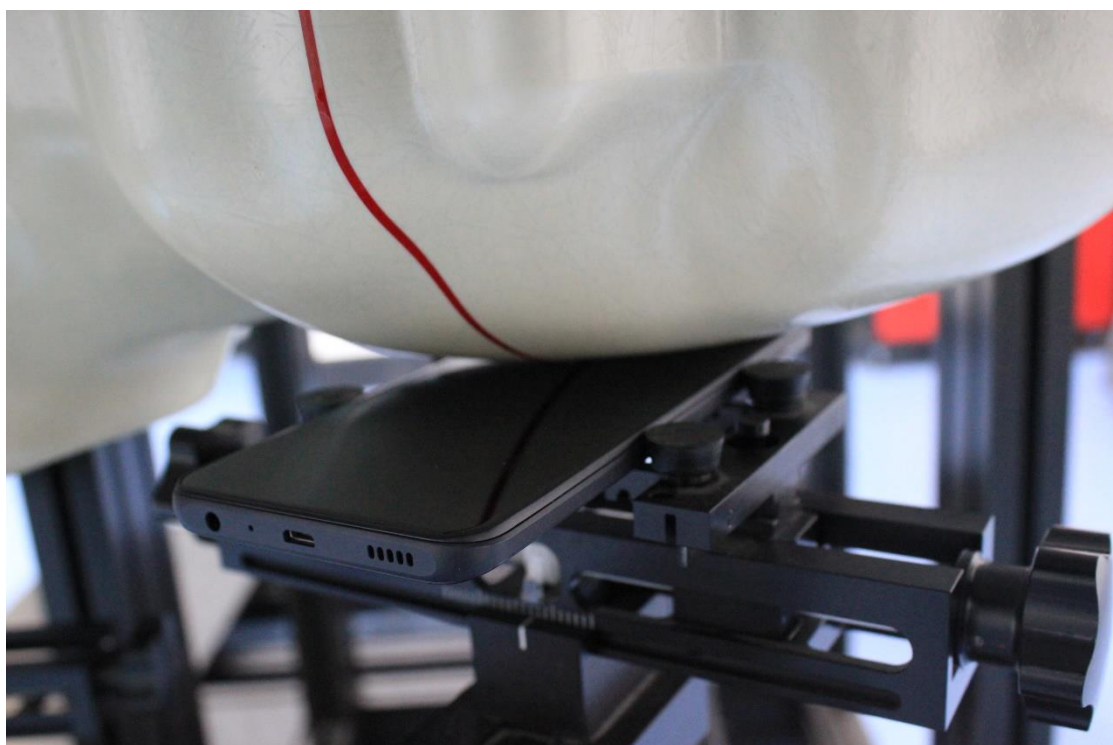
No. 51, Xueyuan Road, Haidian District, Beijing, P. R. China 100191.

Tel:+86(0)10-62304633-2512, Fax:+86(0)10-62304633-2504

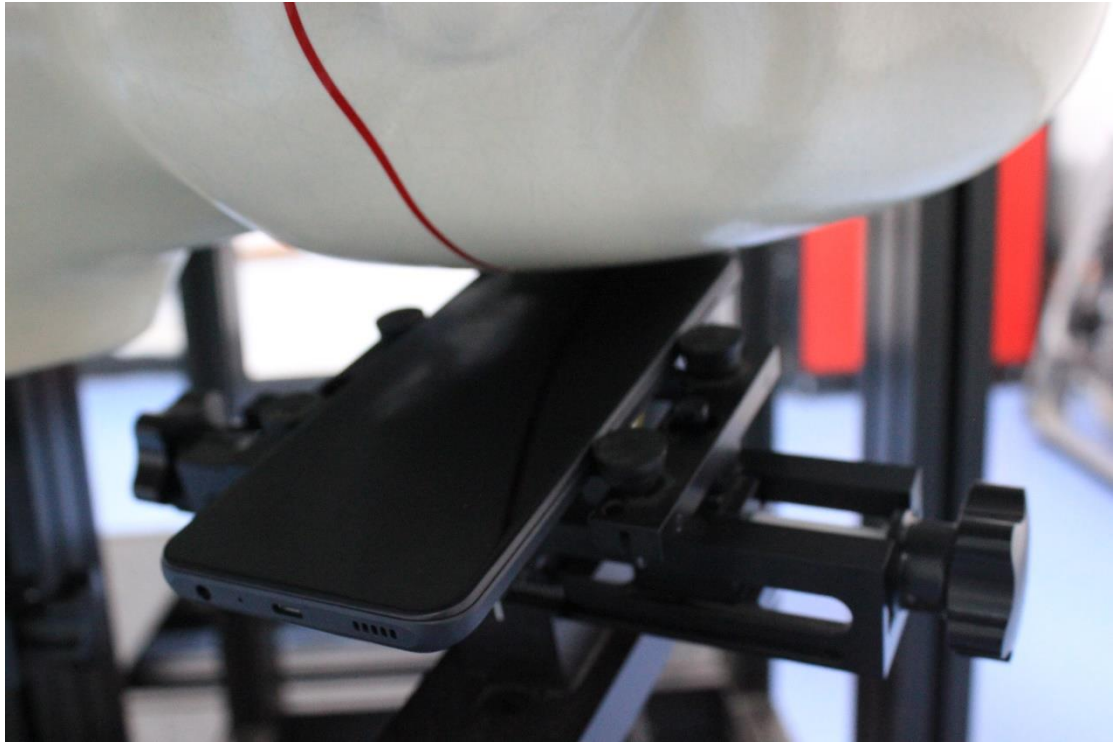
Email: [ctl\\_terminals@caict.ac.cn](mailto:ctl_terminals@caict.ac.cn), website: [www.caict.ac.cn](http://www.caict.ac.cn)



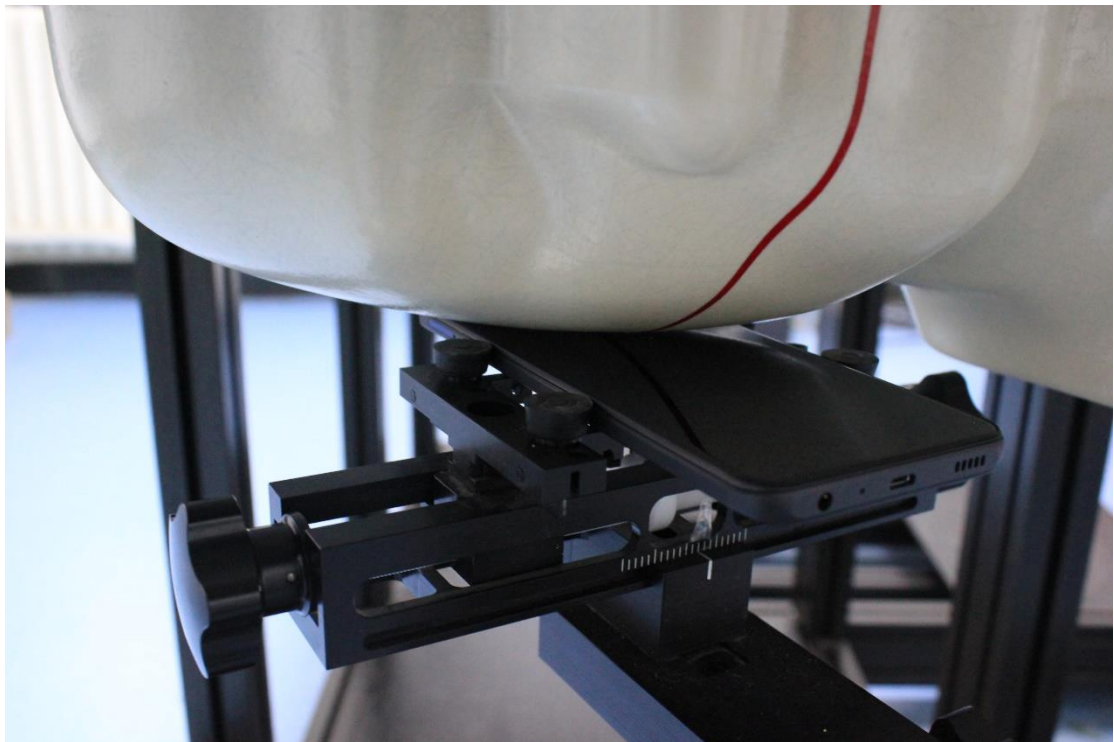
**Picture 1: Constituents of the sample**



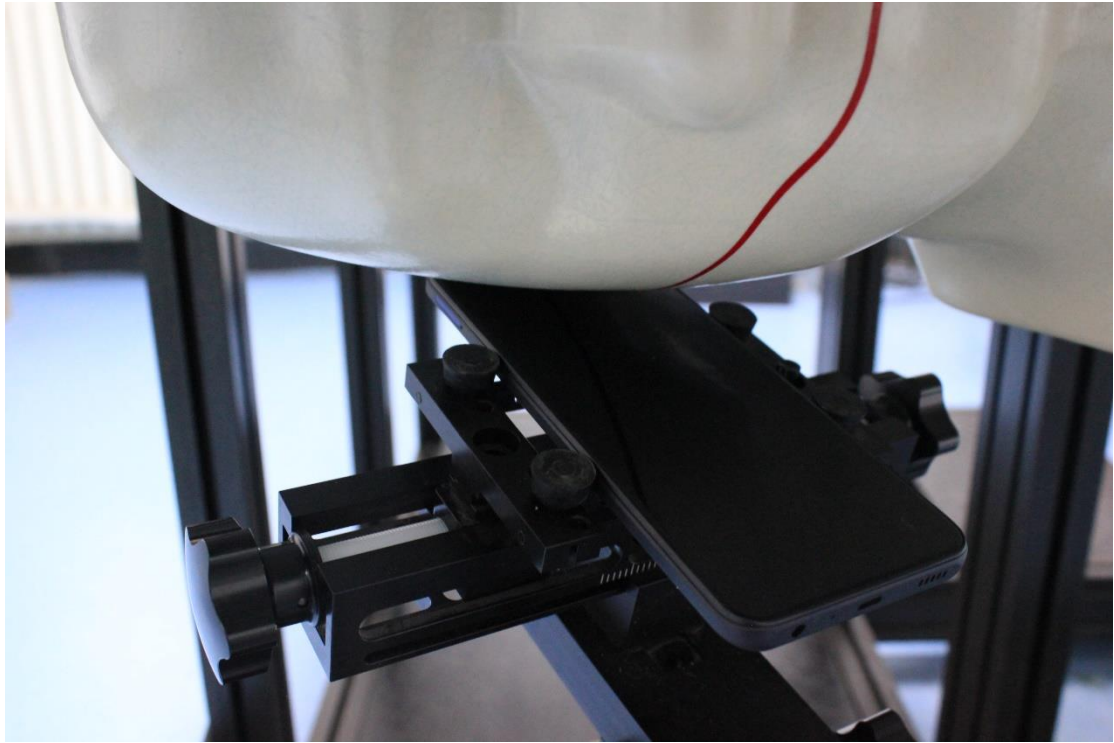
**Picture 2: Left Head Touch Cheek Position**



**Picture 3: Left Head Tilt 15° Position**



**Picture 4: Right Head Touch Cheek Position**



**Picture 5: Right Head Tilt 15° Position**

**Test positions for body:**

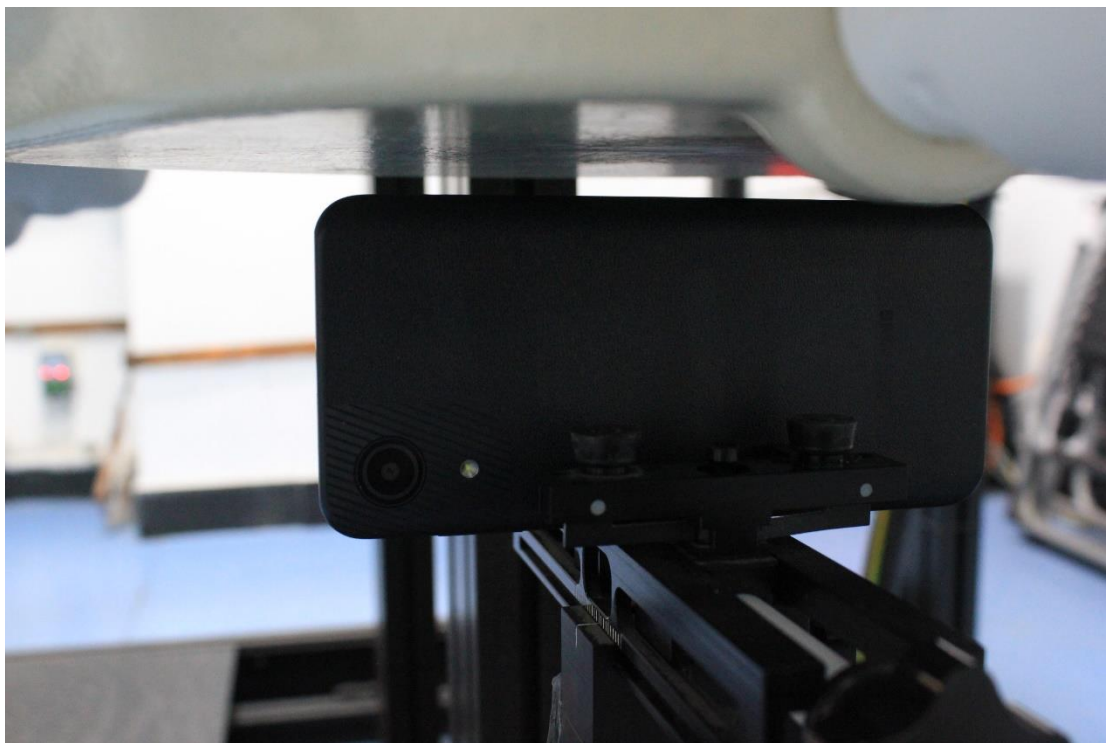
The Body SAR is tested at the following 6 test positions all with the distance =10mm between the EUT and the phantom bottom:



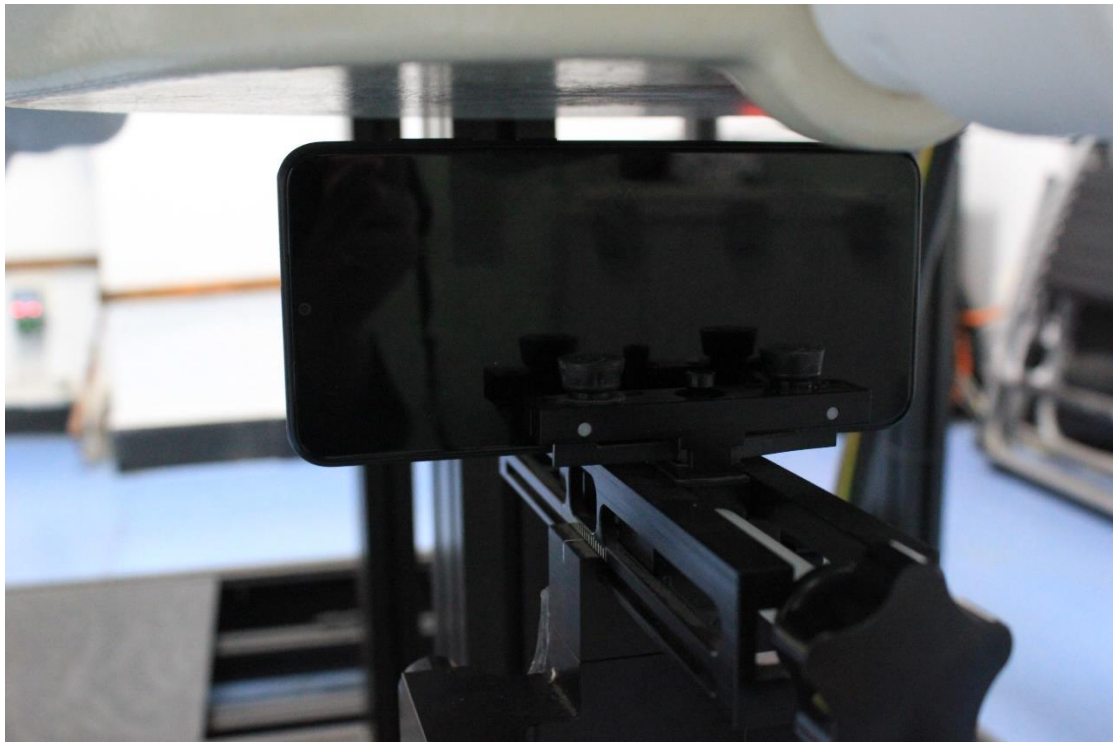
**Picture 6: Front 10mm**



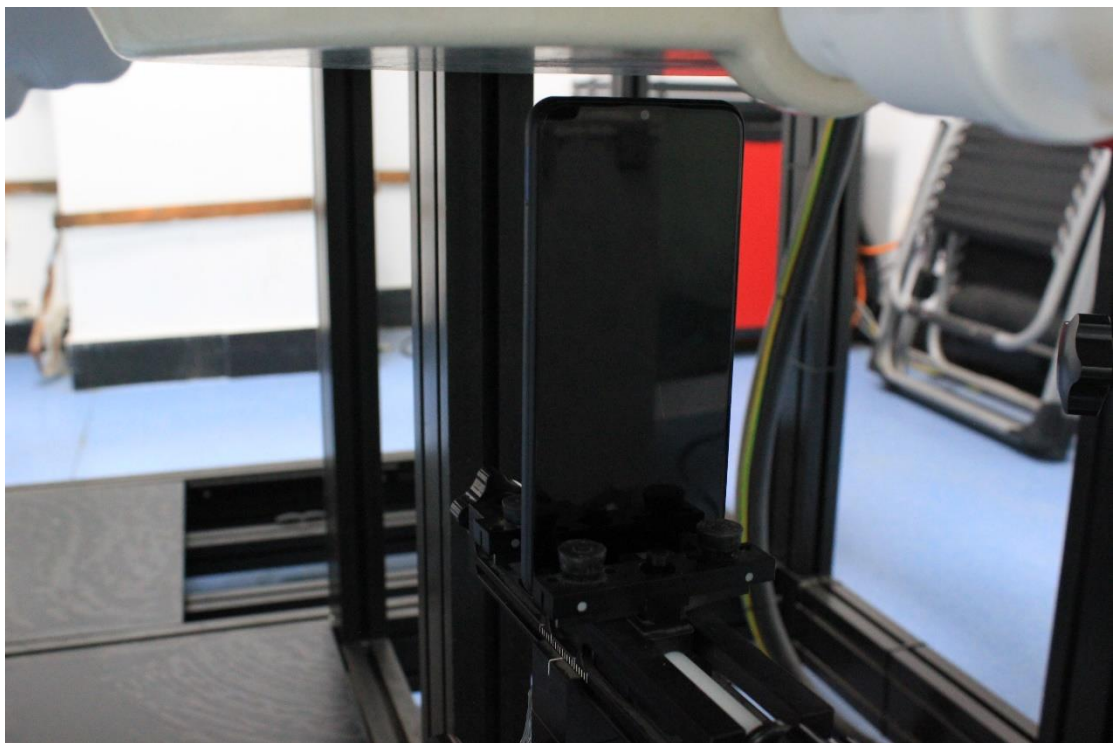
**Picture 7: Rear 10mm**



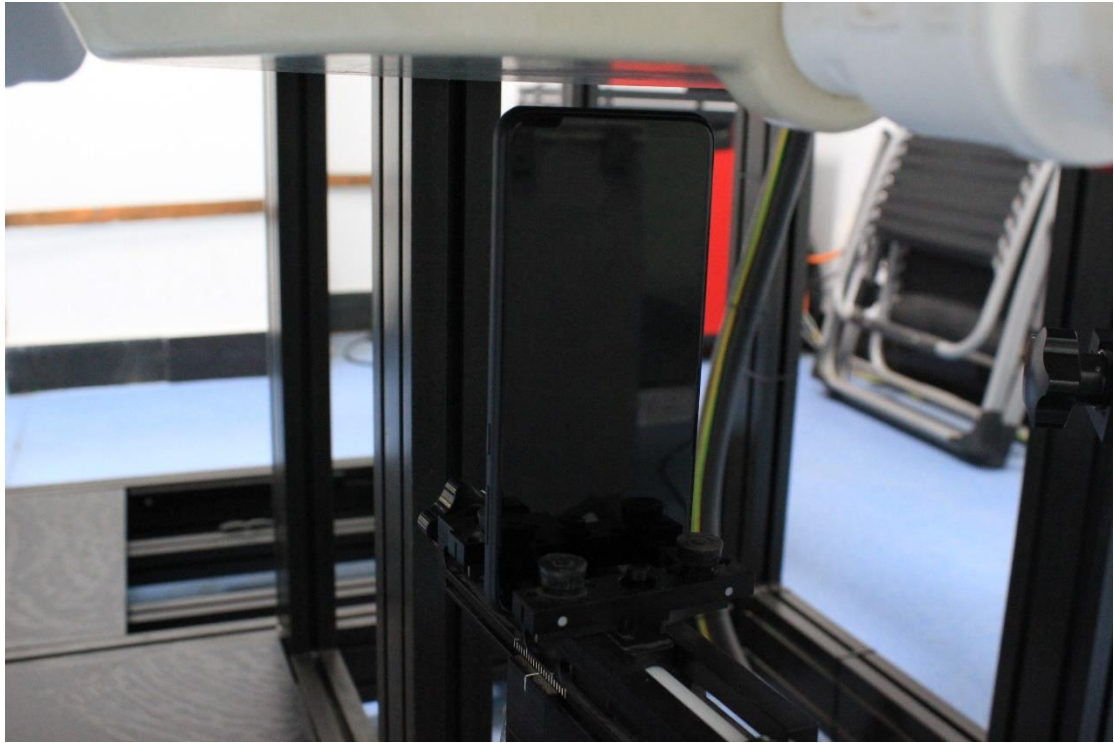
**Picture 8: Left 10mm**



**Picture 9: Right 10mm**



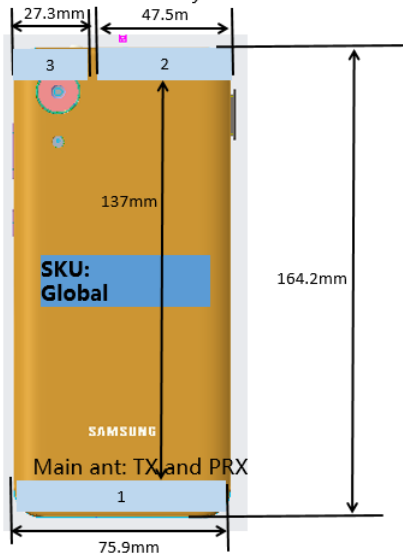
**Picture 10: Top 10mm**



Picture 11: Bottom 10mm

## Transmit Antenna Separation Distances

GPS/BT/WIFI\_2.4G Ant      Diversity ant: DRX



Antenna	Mode	Band
1	GSM	850/900/1800 Tx, Rx
	WCDMA	B1/5/8 Tx, Rx
	LTE	B1/3/5/7/8/20/28/38/40/41 Tx, Rx
2	GSM	850/900/1800 2 <sup>nd</sup> Rx
	WCDMA	B1/5/8 2 <sup>nd</sup> Rx
	LTE	B1/3/5/7/8/20/28/38/40/41 2 <sup>nd</sup> Rx
3	Wi-Fi	2.4GHz
	GPS	1.575GHz
	Bluetooth	2.4GHz