



No. 24T04Z200172-013

For

Samsung Electronics Co., Ltd.

Multi-band GSM/WCDMA/LTE/5G NR Mobile Phone with Bluetooth, WLAN

Model Name: SM-A166P/DS

with

Hardware Version: REV 1.0

Software Version: A166P.001

FCC ID: ZCasma166P

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

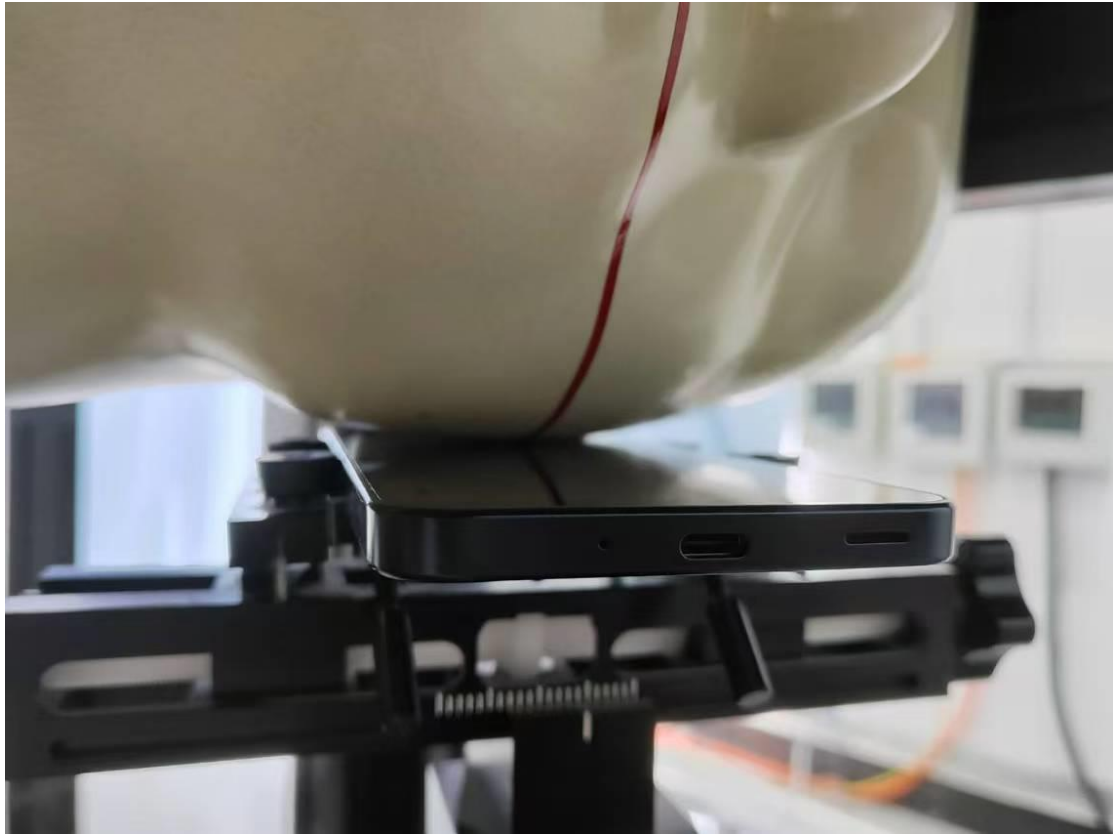
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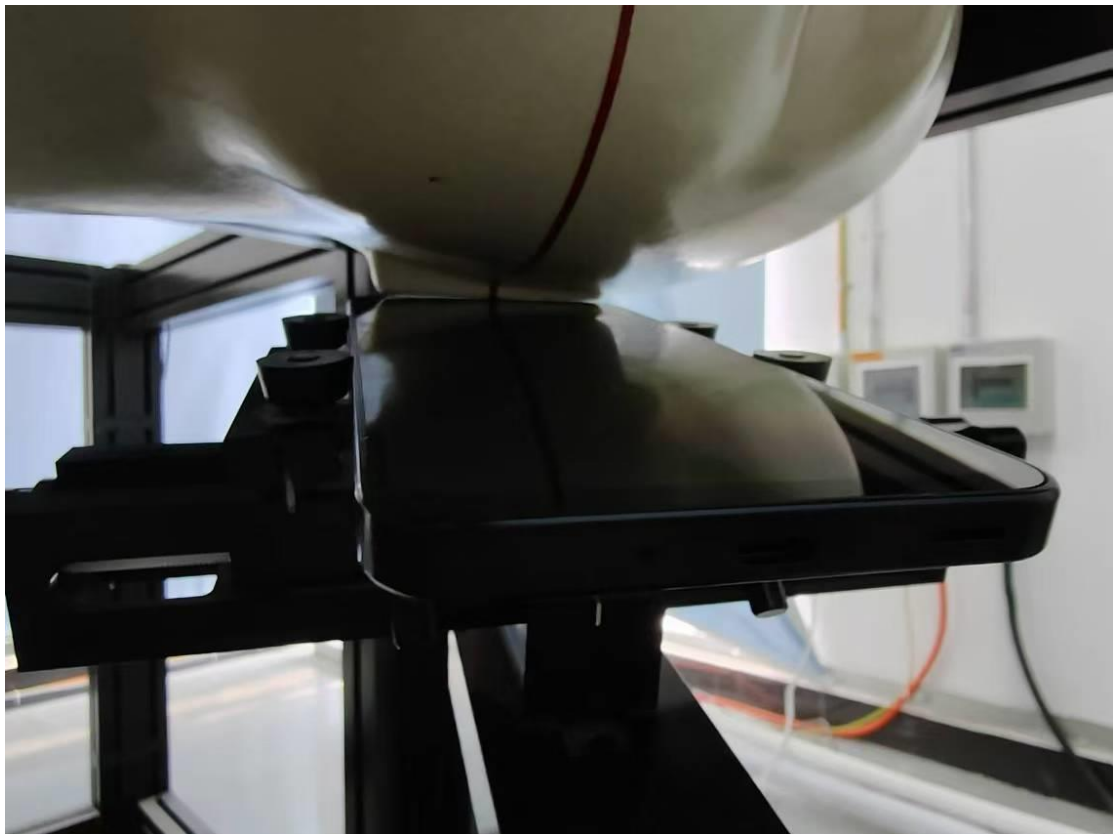
Email: cttl_terminals@caict.ac.cn, website: www.caict.ac.cn



Picture 1: Constituents of the sample



Picture 2: Left Head Touch Cheek Position



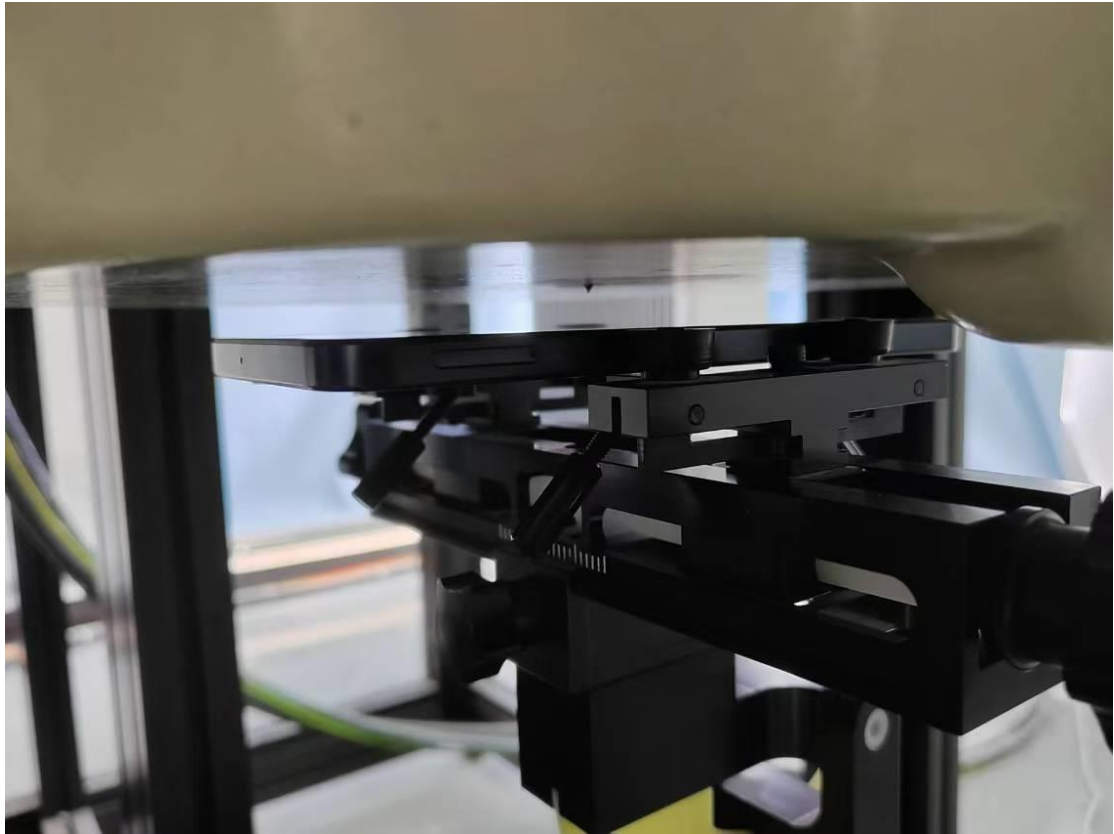
Picture 3: Left Head Tilt 15° Position



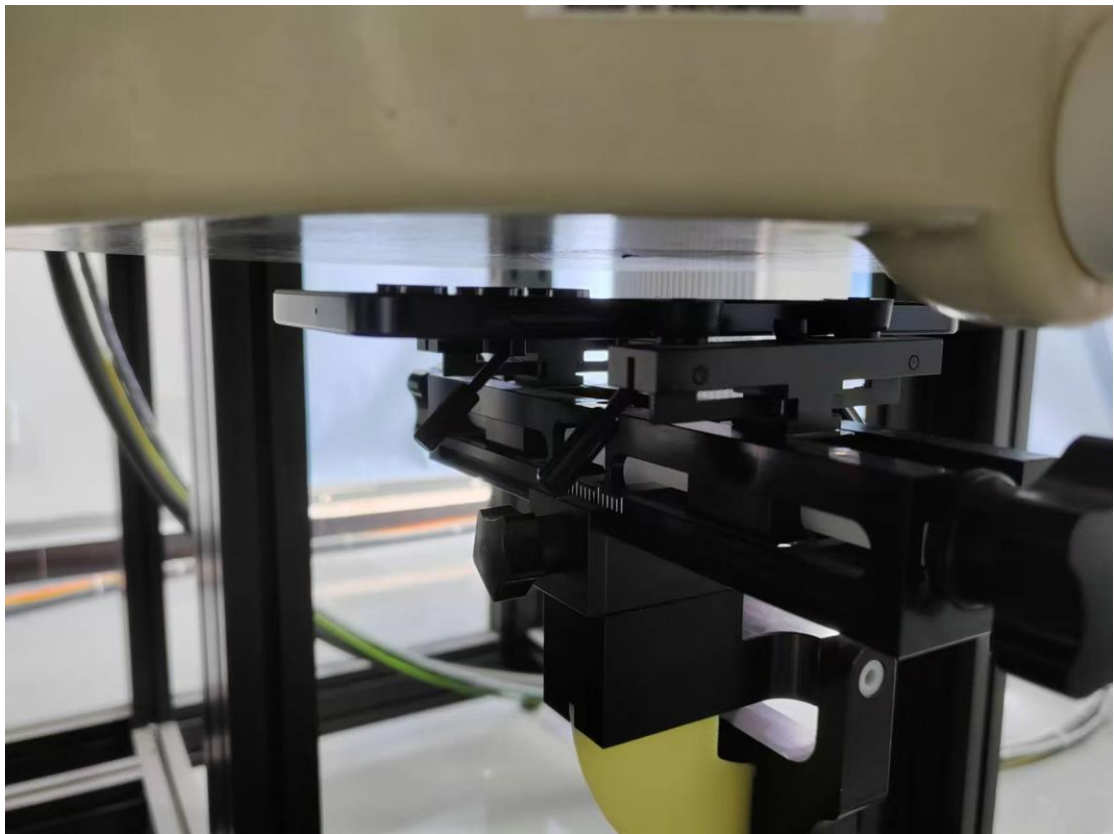
Picture 4: Right Head Touch Cheek Position



Picture 5: Right Head Tilt 15° Position



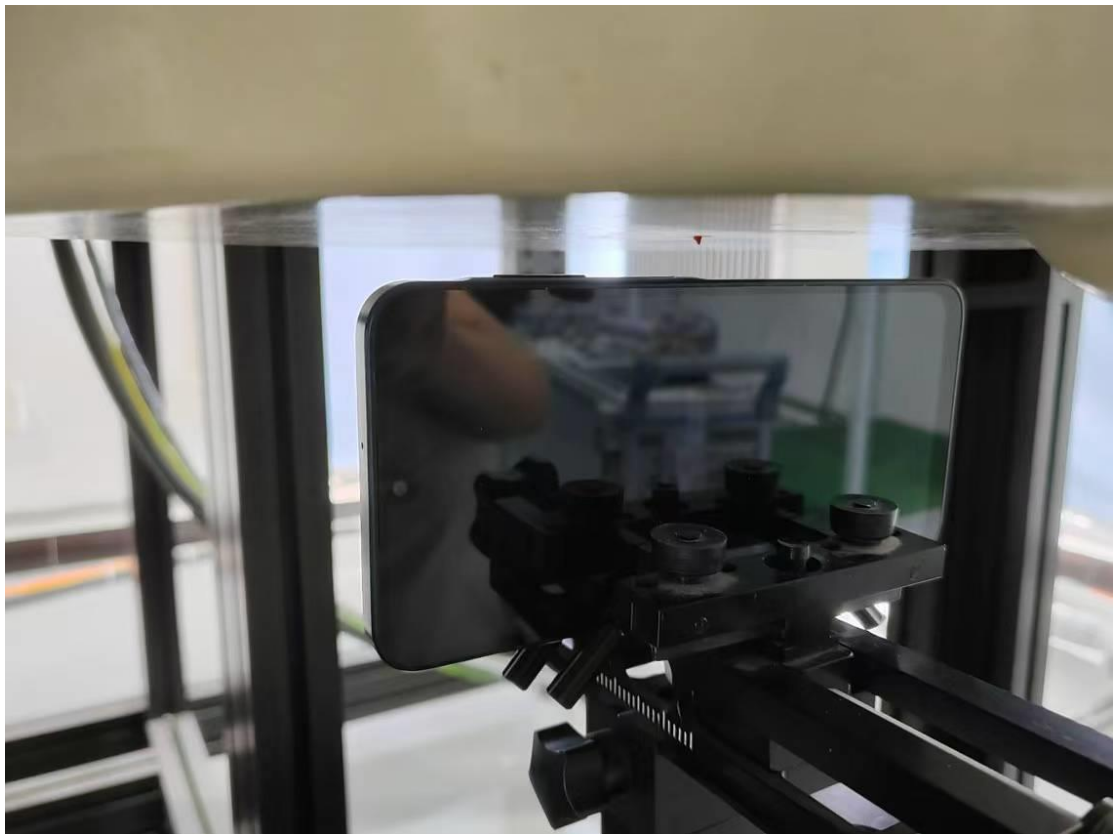
Picture 6: Front 10mm



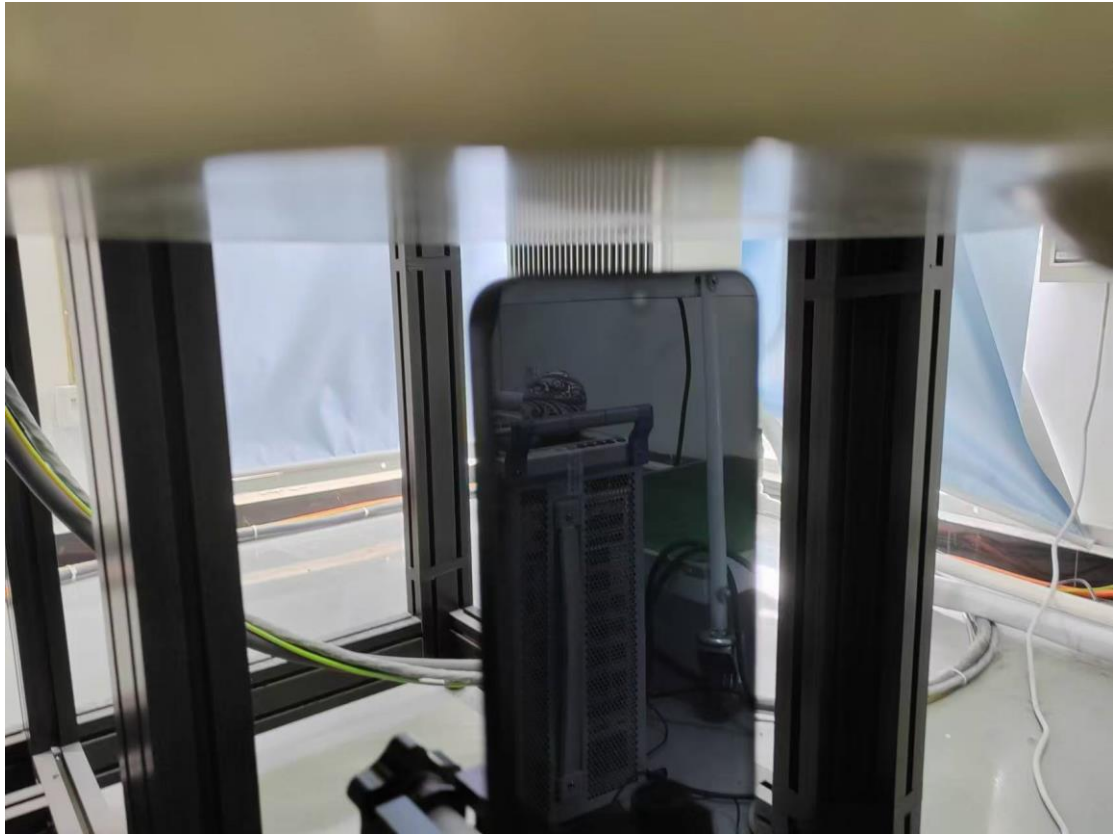
Picture 7: Rear 10mm



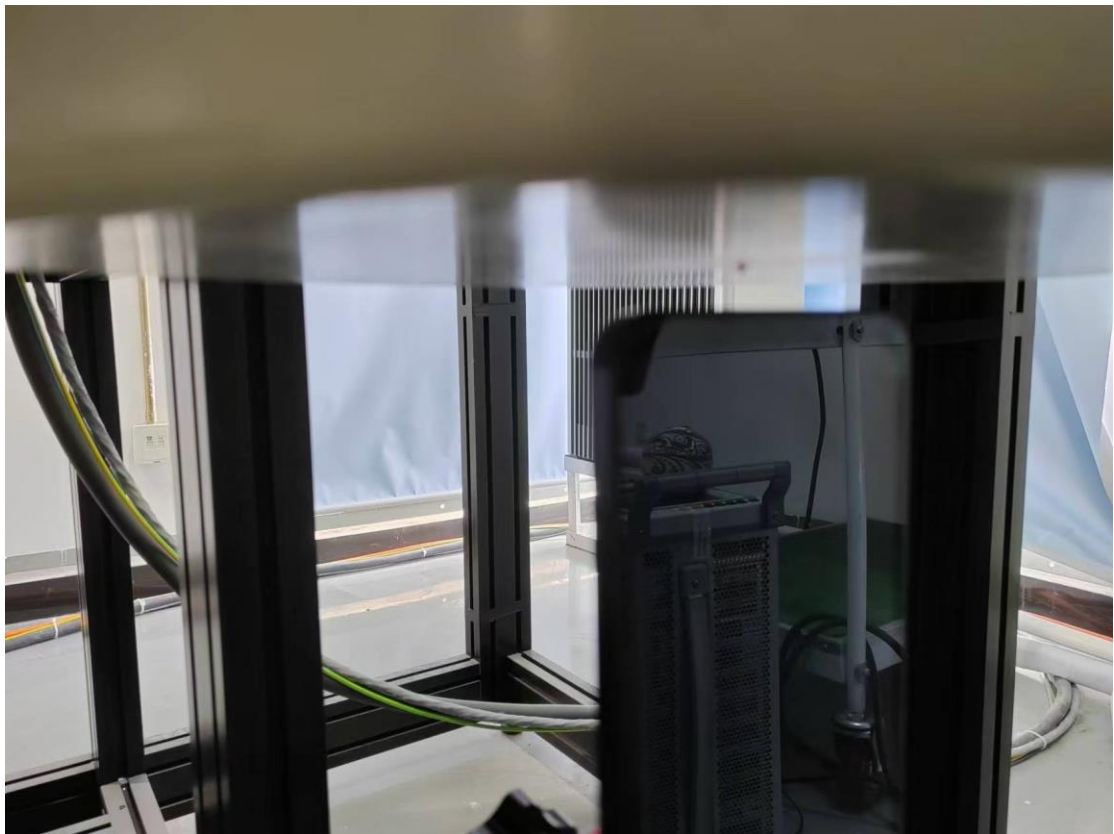
Picture 8: Left 10mm



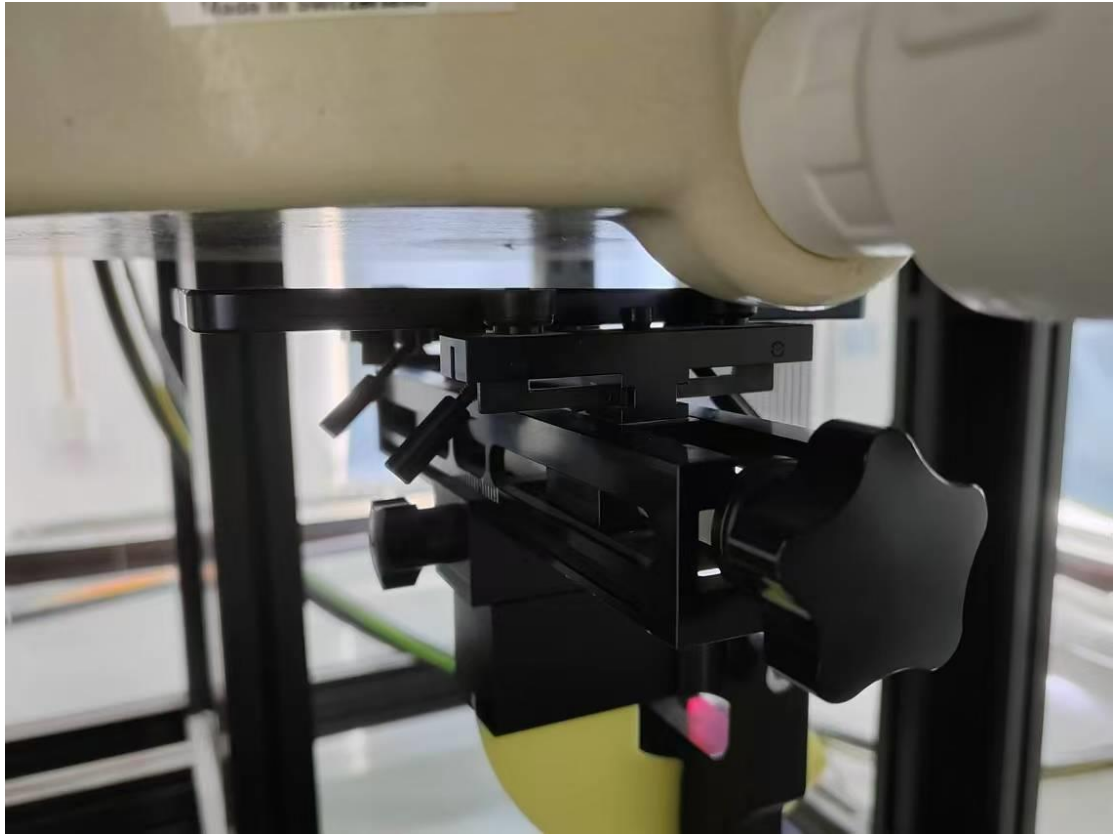
Picture 9: Right 10mm



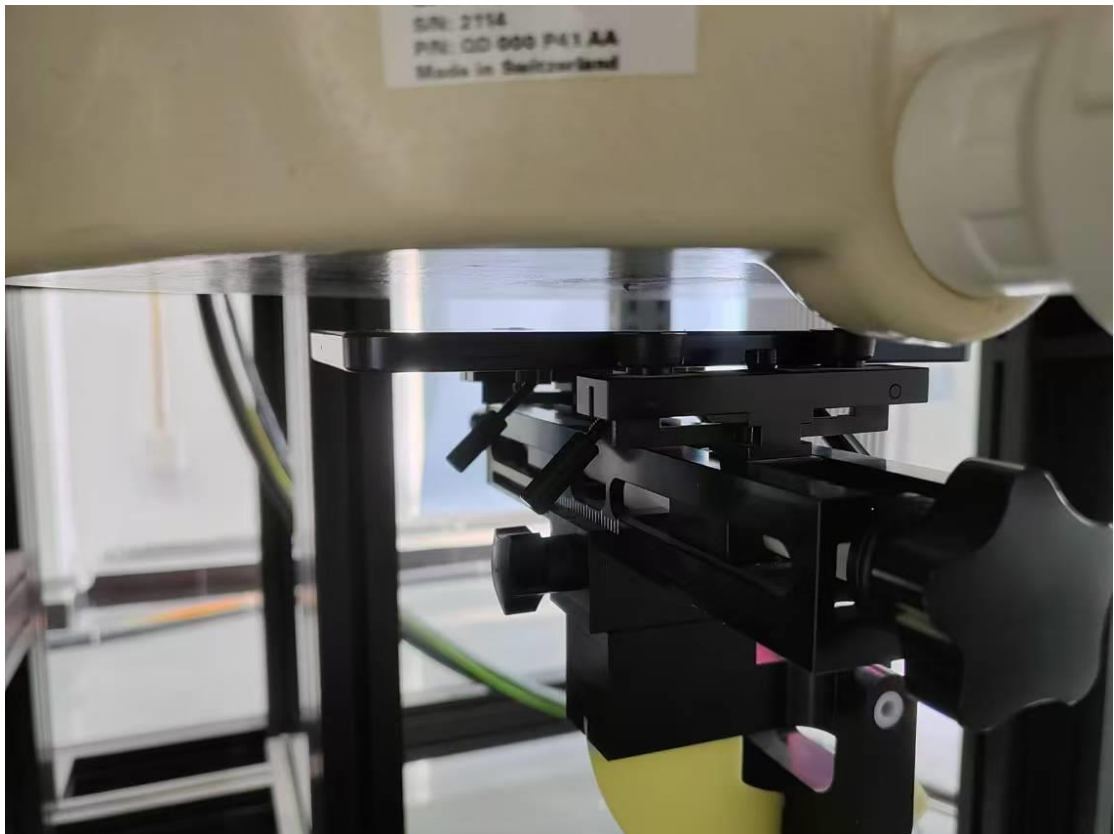
Picture 10: Top 10mm



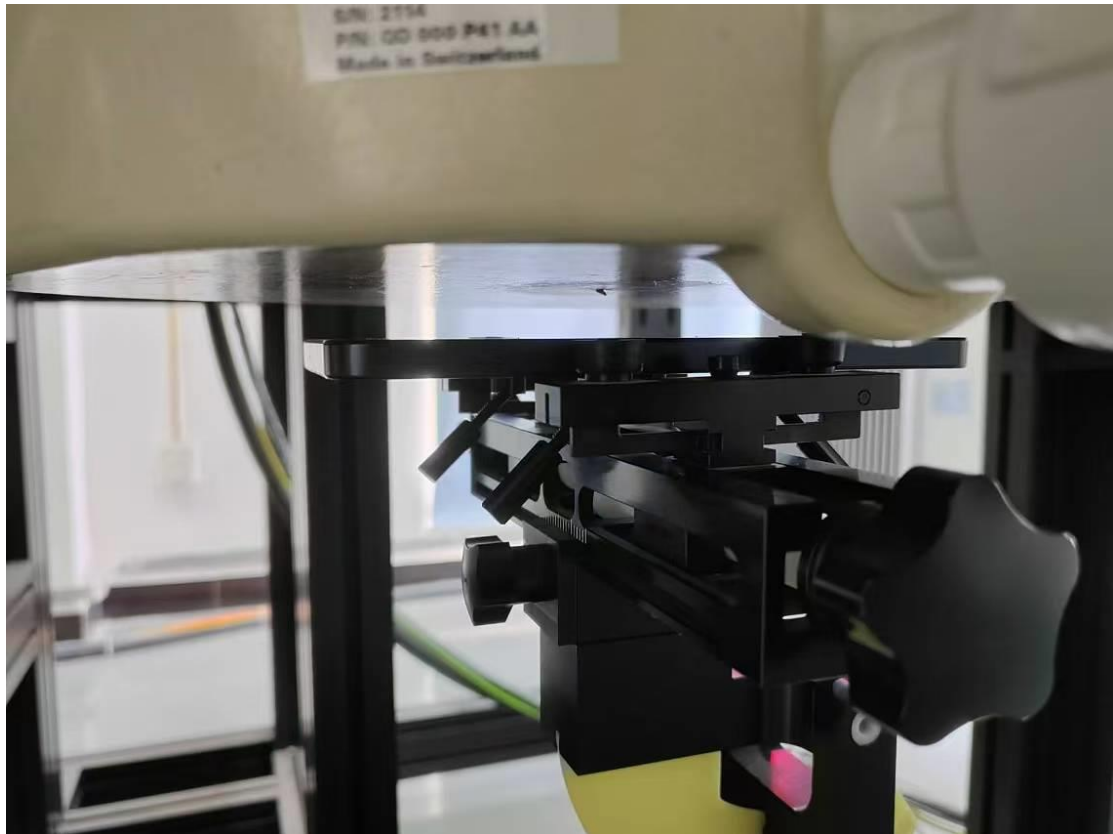
Picture 11: Bottom 10mm



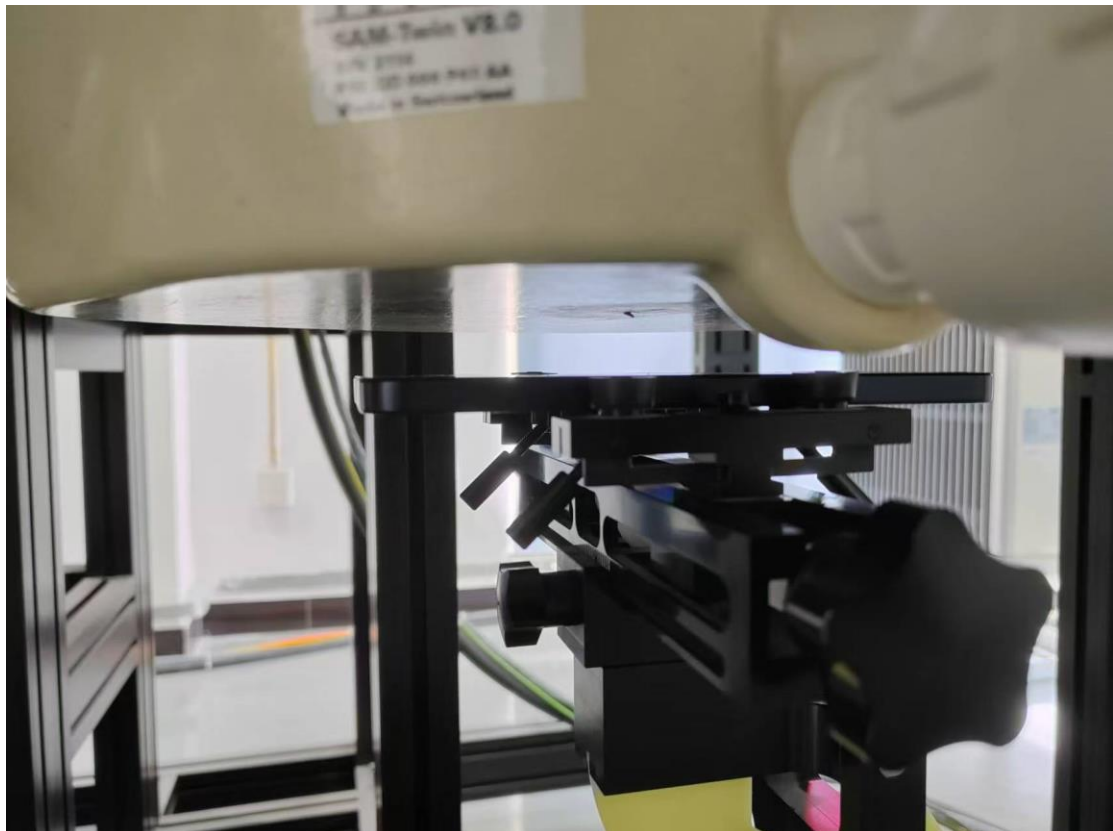
Picture 12: Front 12mm



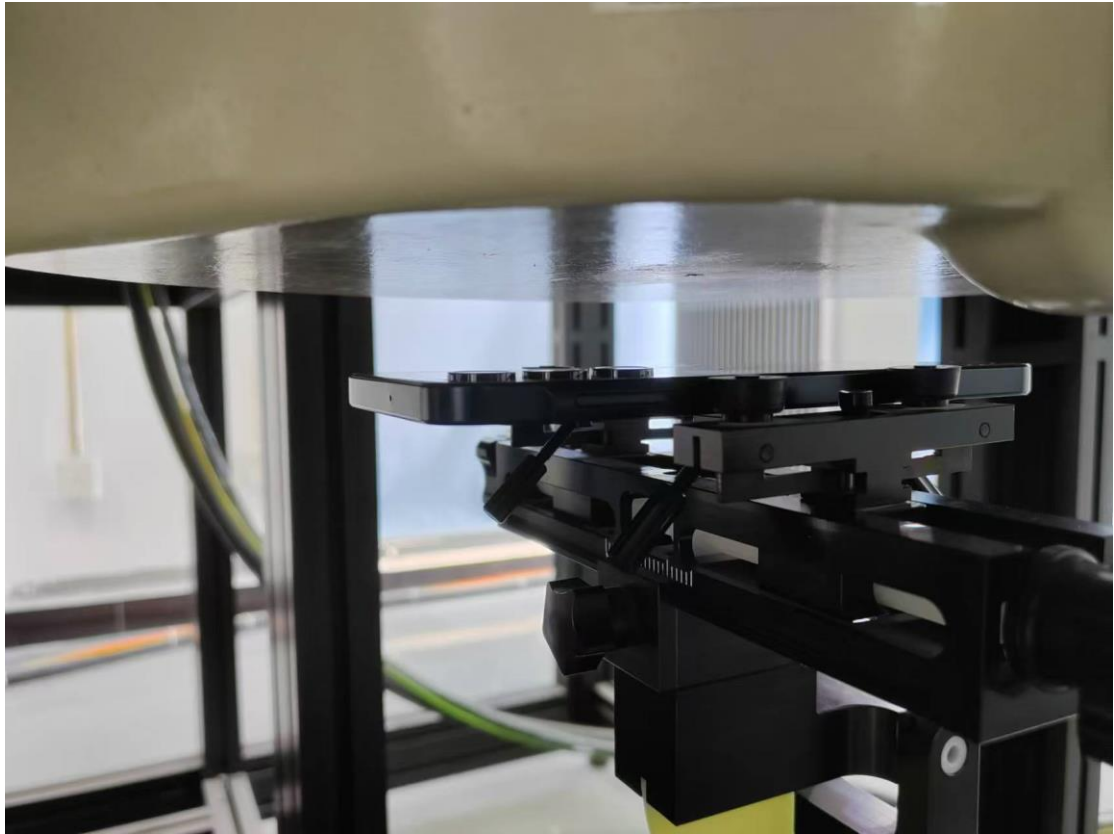
Picture 13: Front 13mm



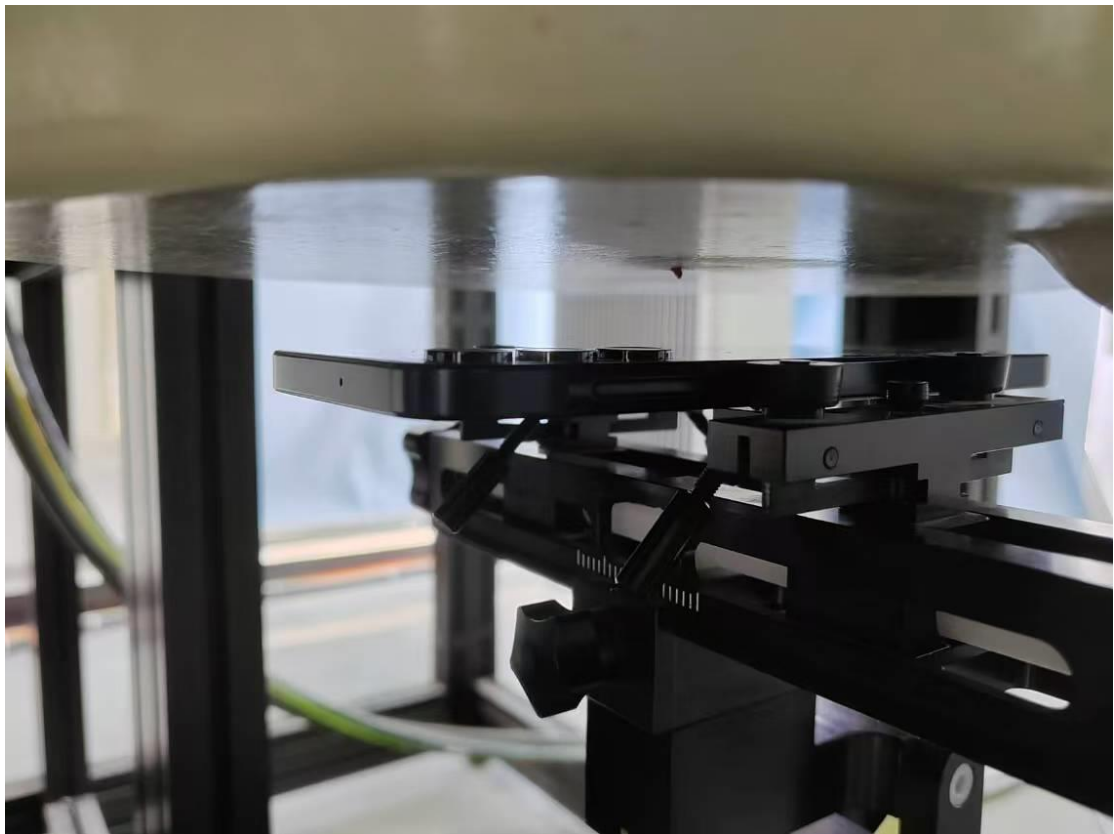
Picture 14: Front 14mm



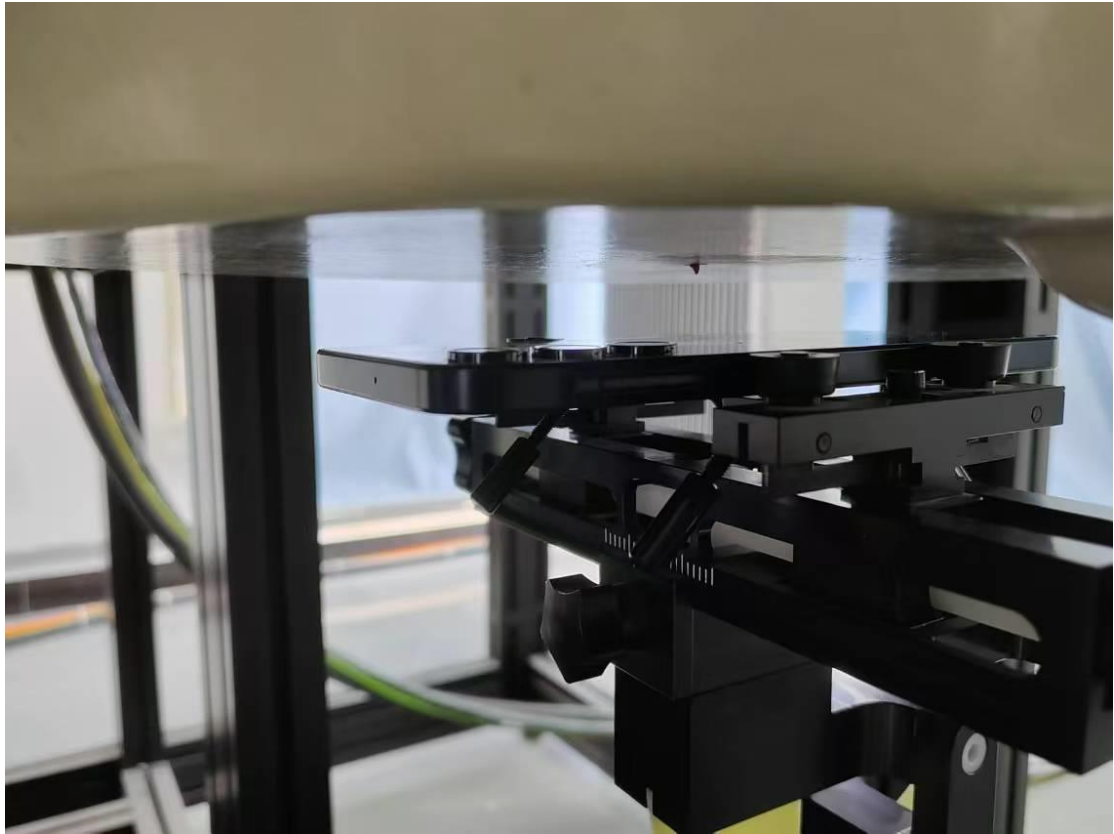
Picture 15: Front 18mm



Picture 16: Rear 18mm



Picture 17: Rear 19mm



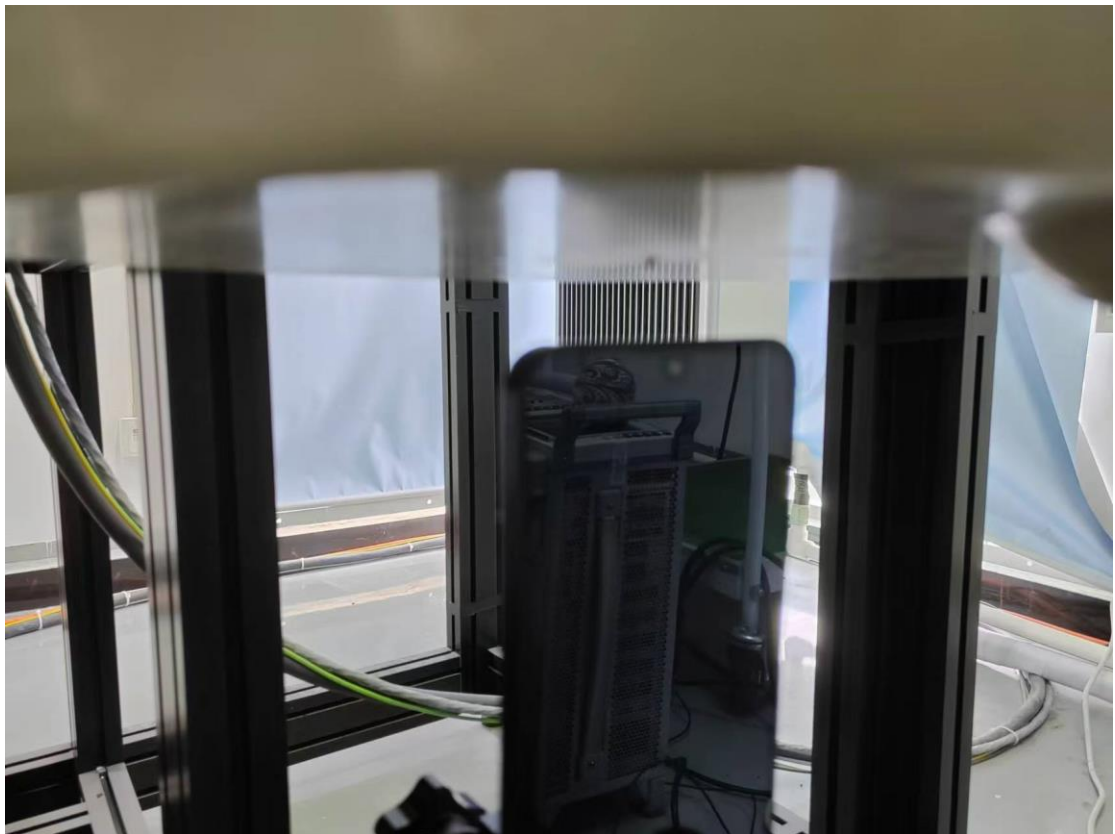
Picture 18: Rear 24mm



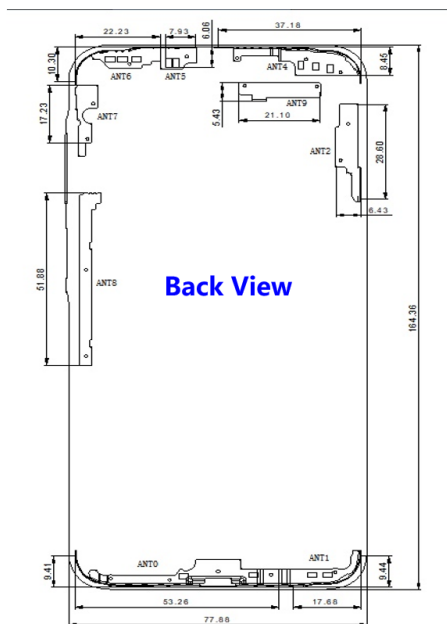
Picture 19: Right 14mm



Picture 20: Top 18mm



Picture 21: Top 24mm



Back View

TX ANT	Band
ANT0	GSM 850/900, WCDMA B5/8
	Single Band: LTE B5/8/12/17/20/26/28, NR n5/8/26/28
	DL CA: LTE B5/7/8/12/17/20/26/28/38/40/41, NR n5/7/8/26/28/40
	UL CA: LTE B8/20, NR n28
	NSA: LTE B5/7/8/12/20/26/28/38/40/41, NR n5/8/26/28
ANT1	GSM 1800/1900, WCDMA B1/2/4
	Single Band: LTE B2/4/66, NR n66
	DL CA: LTE B1/2/3/4/66, NR n1/3/66
	UL CA: LTE B1/3
ANT4	NSA: LTE B1/2/3/4/66
	Single Band: LTE B1/3/7/38/40/41, NR n1/3/7/40/41
	DL CA: LTE B1/7/40/41, NR n3/41
	UL CA: LTE B1/3/7, CA_3C/7C/38C/40C, NR n41
ANT5	NSA: LTE B1/2/3/4/7/20/38/40/41/66, NR n1/3/7/40/41/66
	Single Band: NR n77/78
	DL CA: NR n77/78
ANT6	NSA: NR n77/78
	WIFI 2.4G/5G
	BT

Picture 22: Antenna location