



No. I21Z70103-SEM04

For

SAMSUNG Electronics Co., Ltd.

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

Model Name: SM-A226B/DSN

with

Hardware Version: REV1.0

Software Version: A226B.001

FCC ID: ZCASMA226BN

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.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

Test Laboratory:

CTTL, Telecommunication Technology Labs, CAICT

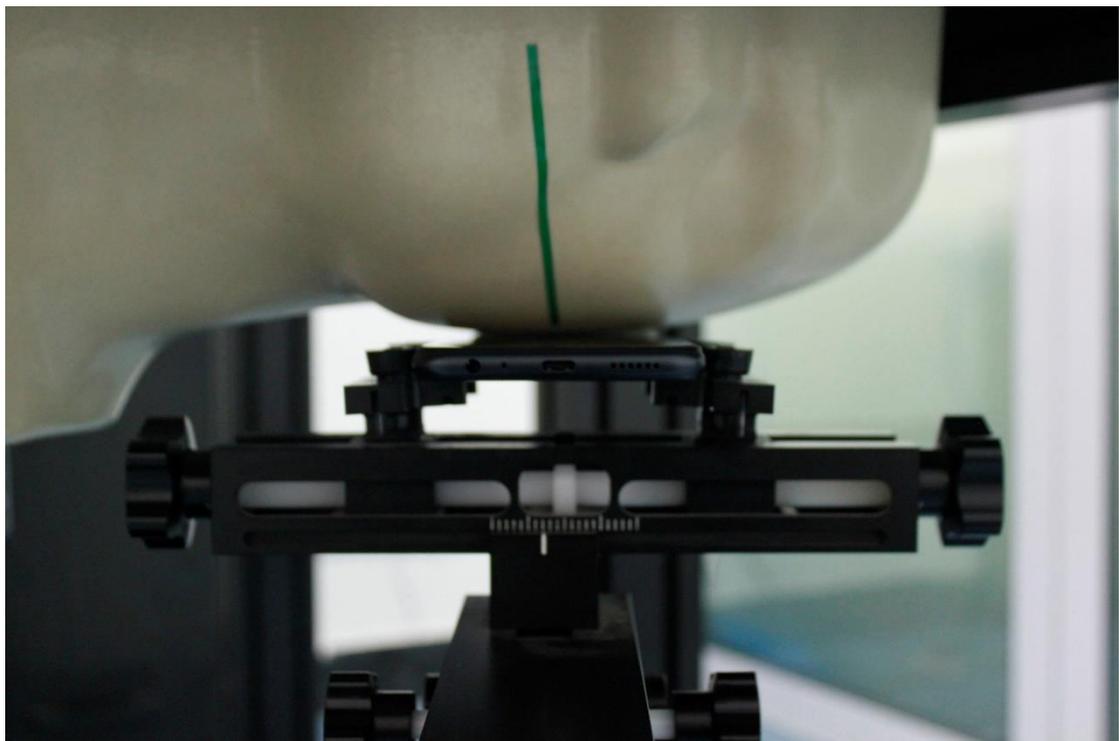
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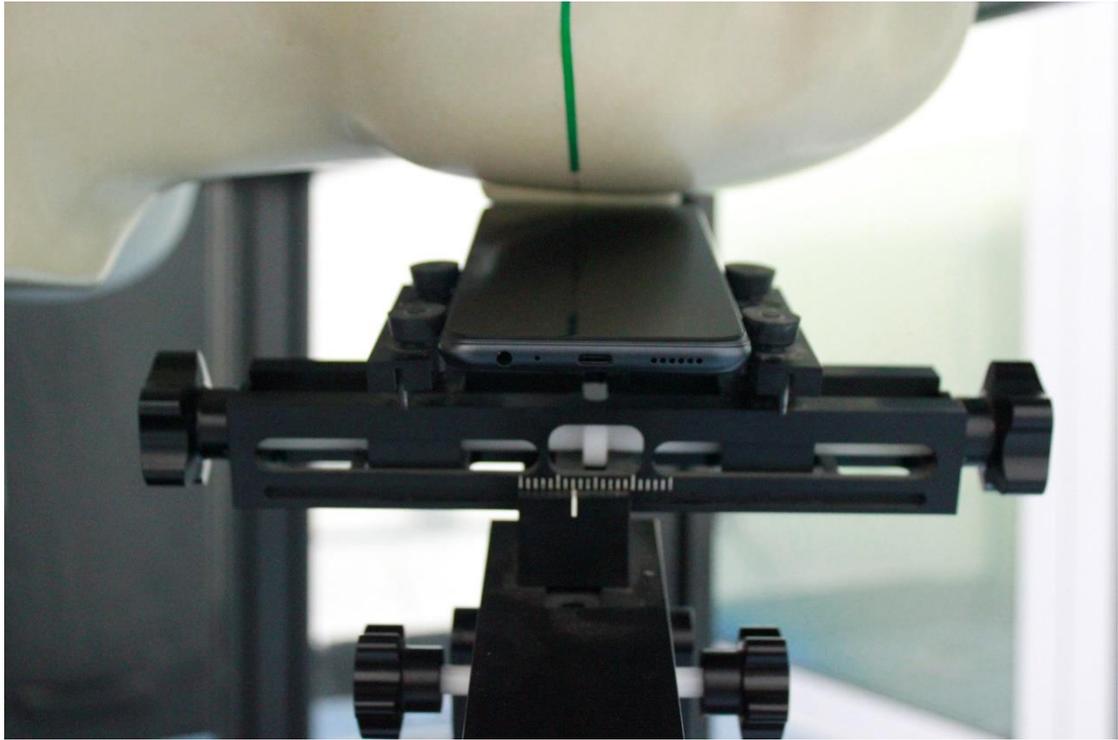
Email: ctl_terminals@caict.ac.cn, website: www.caict.ac.cn



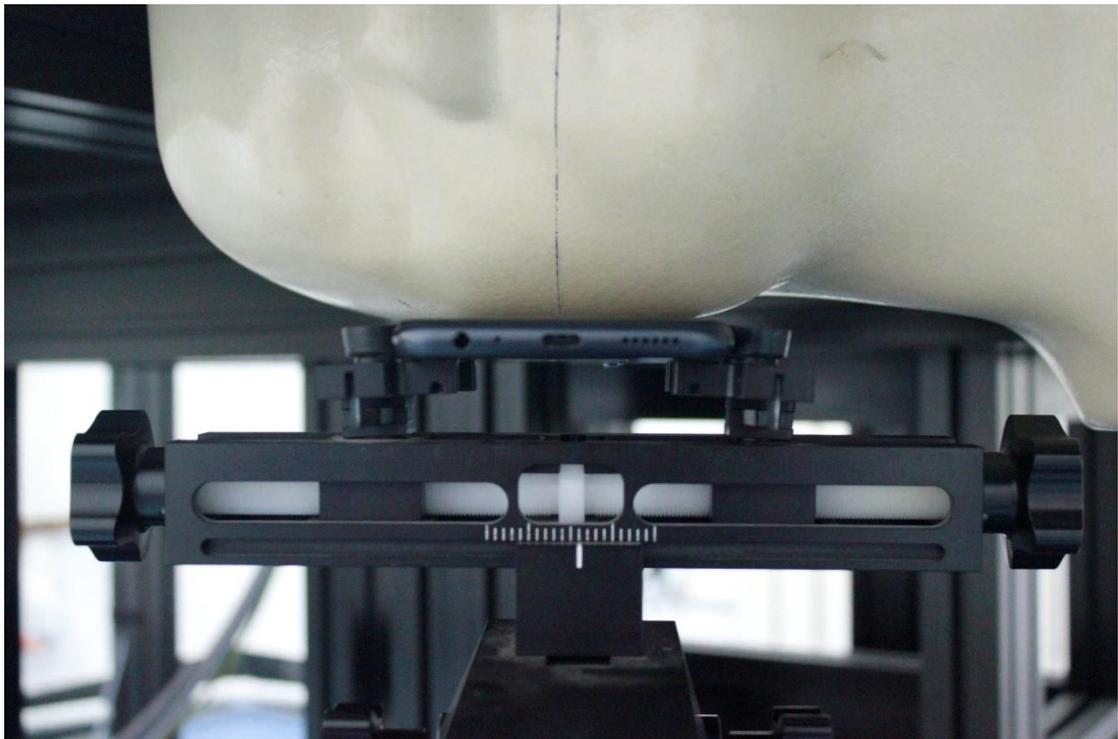
Picture 1: Constituents of the sample



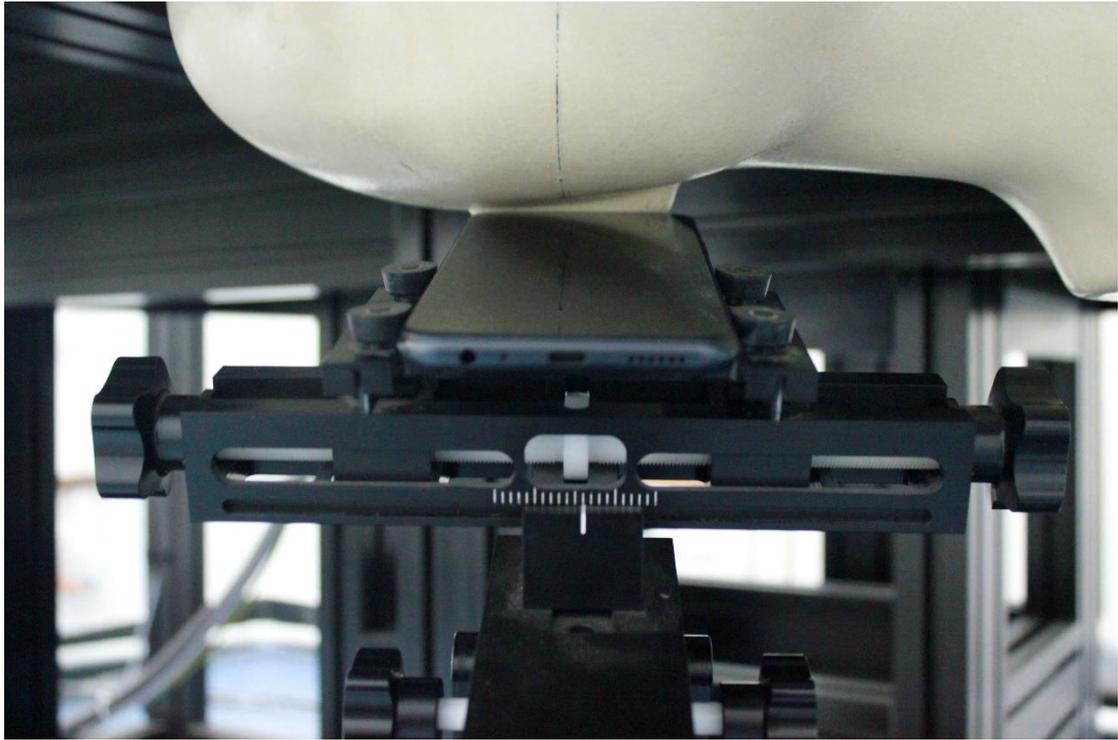
Picture 2: Left Head Touch Cheek Position



Picture 3: Left Head Tilt 15° Position



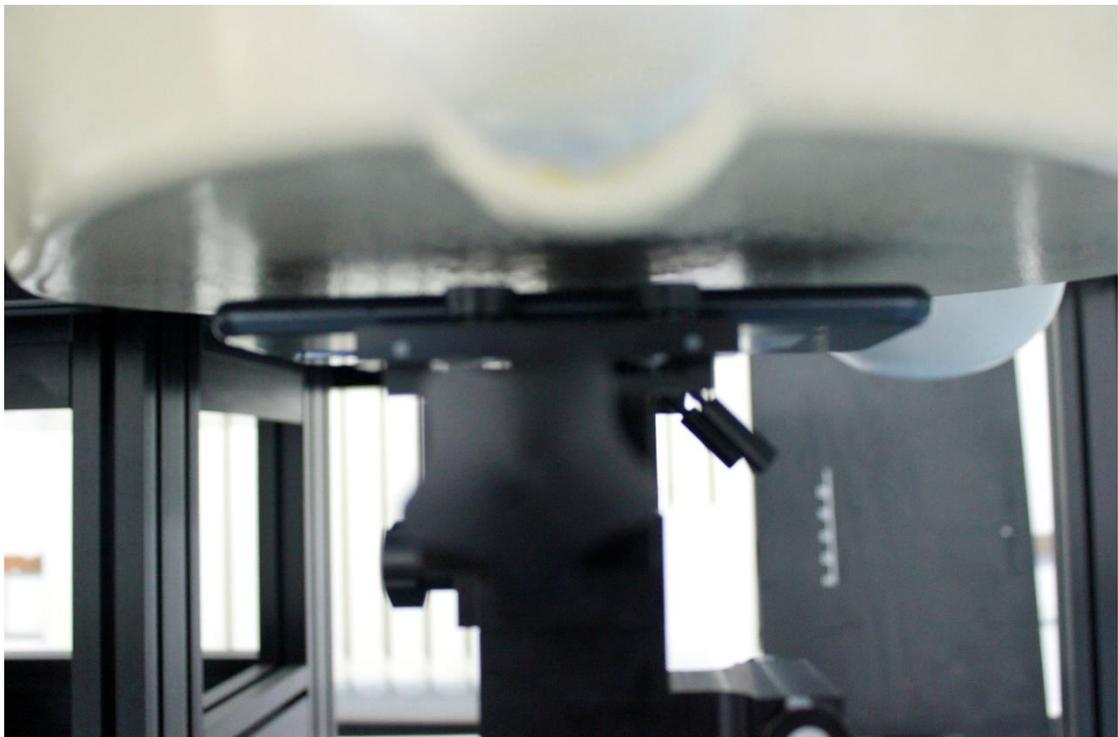
Picture 4: Right Head Touch Cheek Position



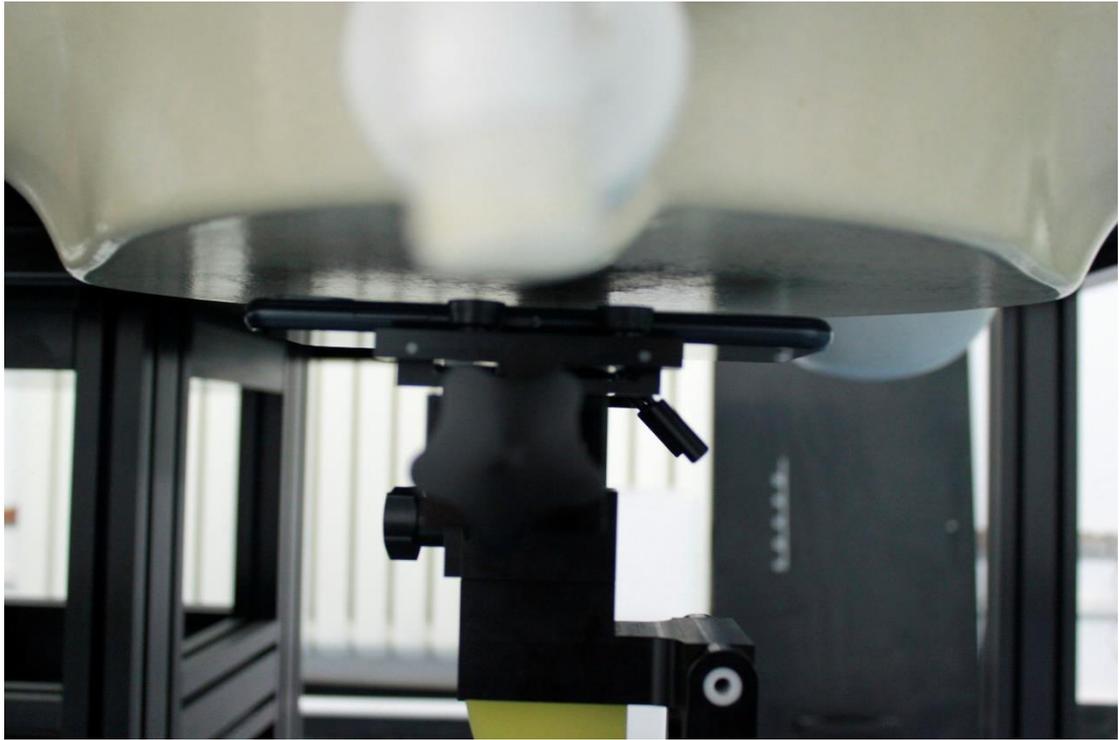
Picture 5: Right Head Tilt 15° Position

Test positions for body:

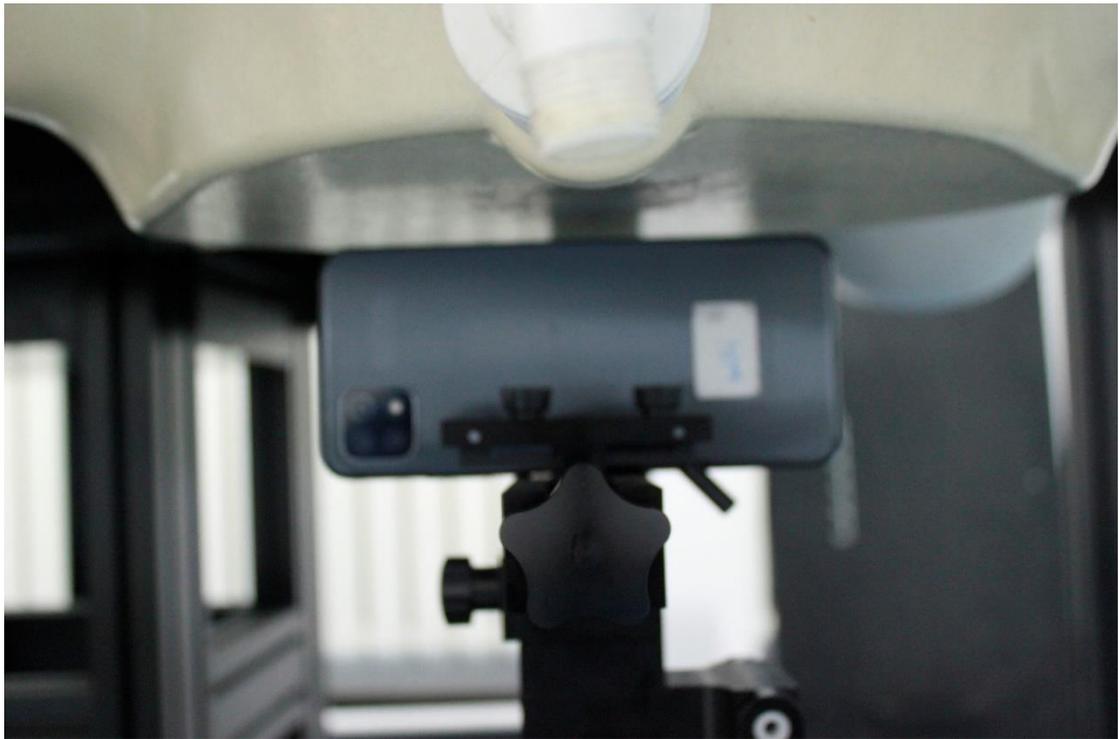
The Body SAR is tested at the following 10 test positions all with the distance =10/15/0mm between the EUT and the phantom bottom:



Picture 6: Front 10mm



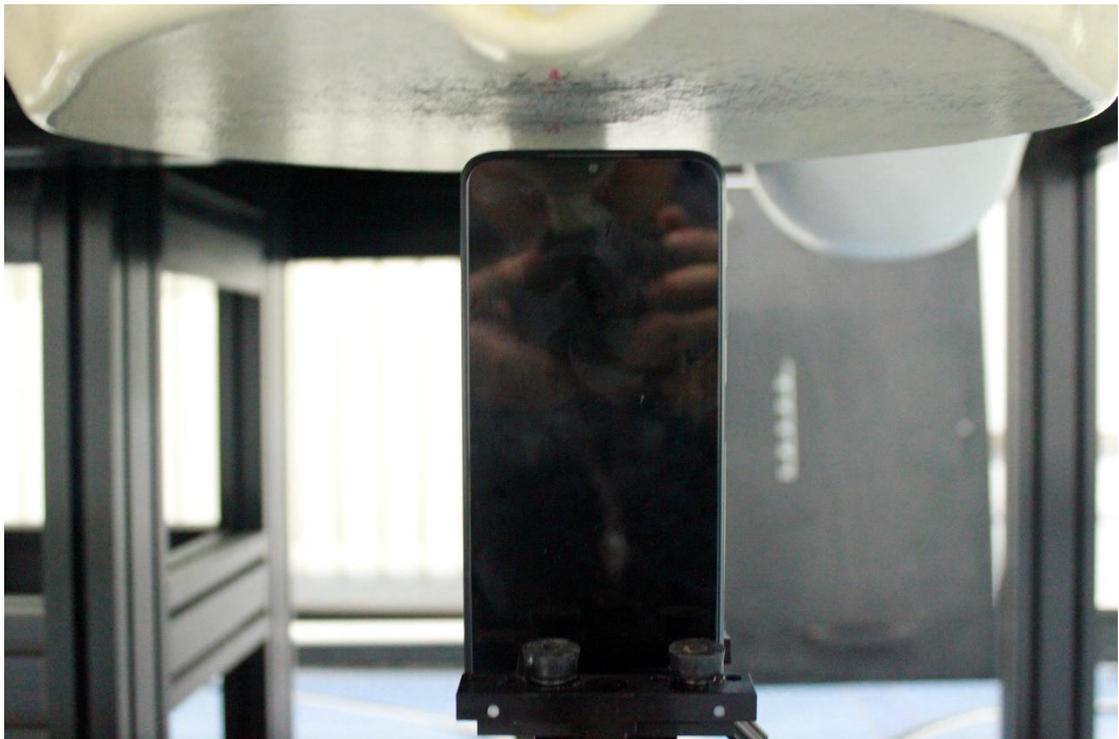
Picture 7: Rear 10mm



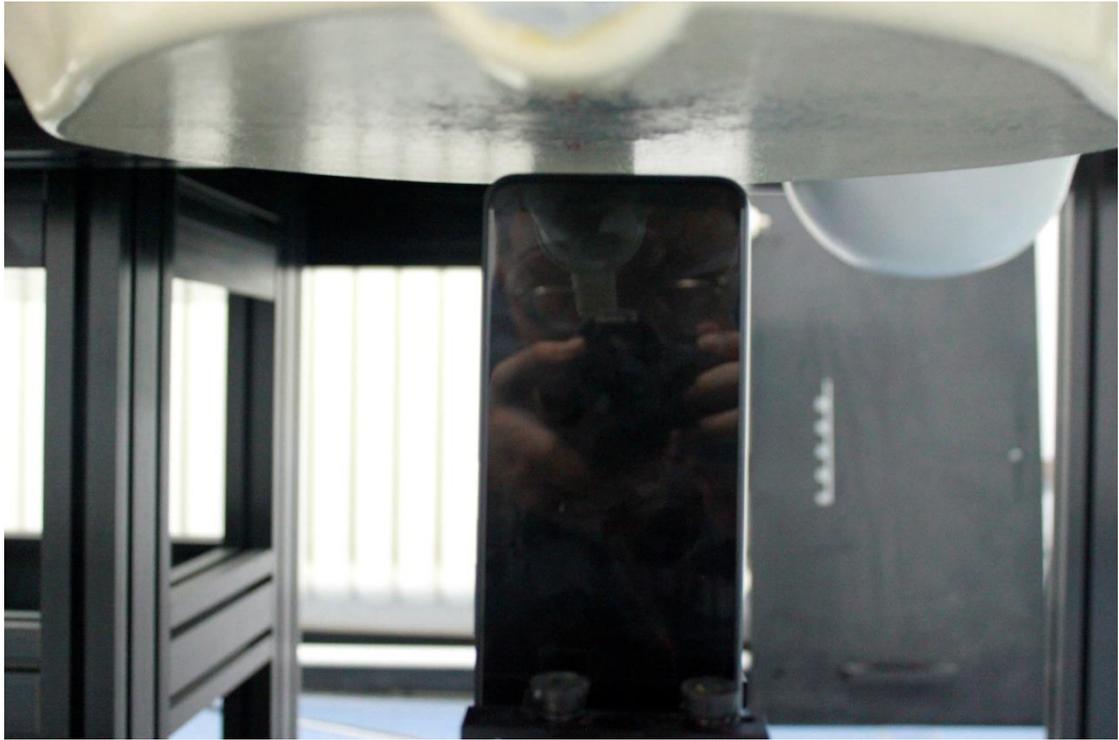
Picture 8: Left 10mm



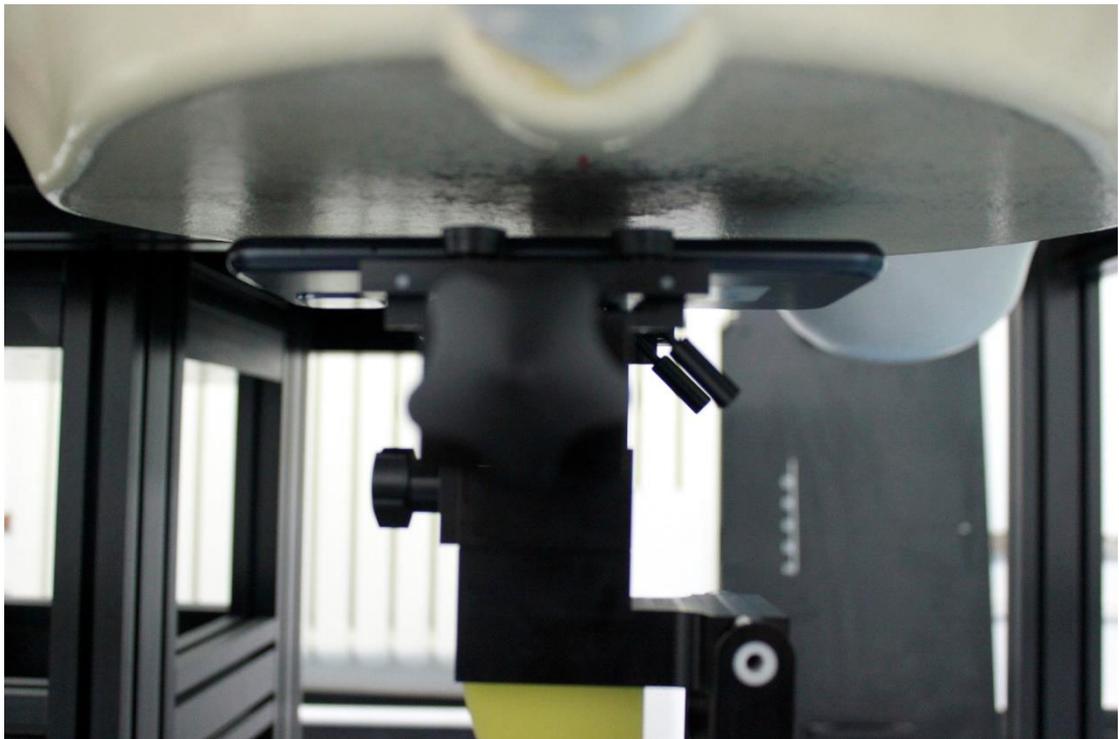
Picture 9: Right 10mm



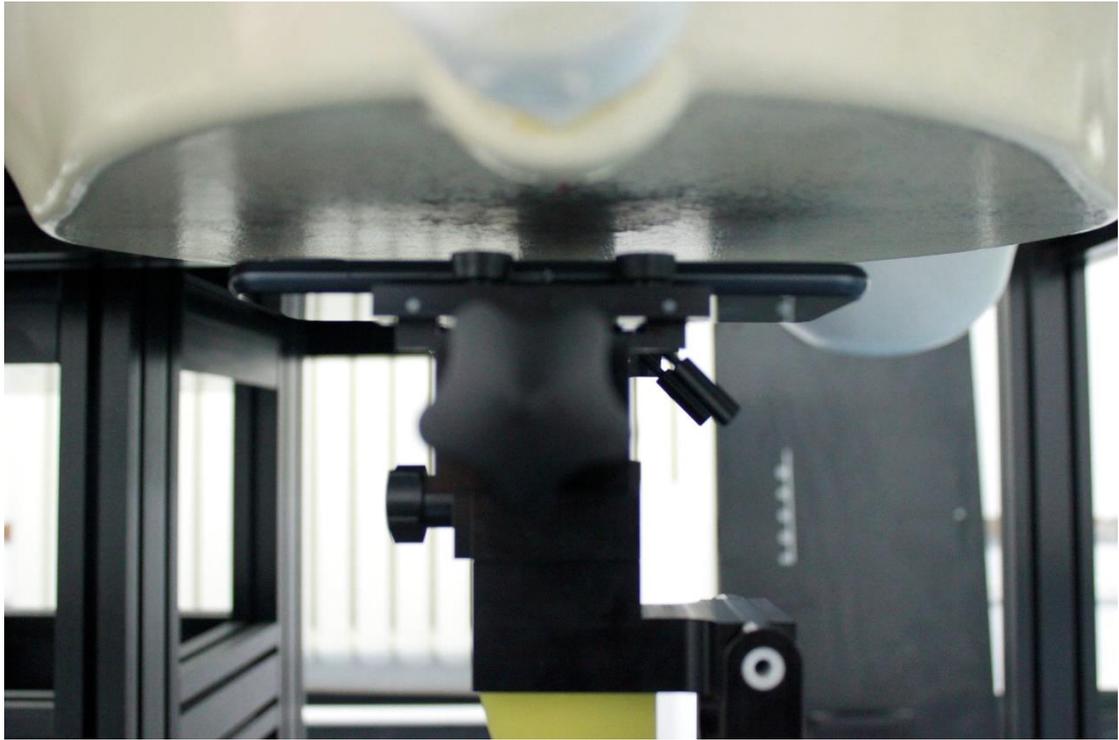
Picture 10: Top 10mm



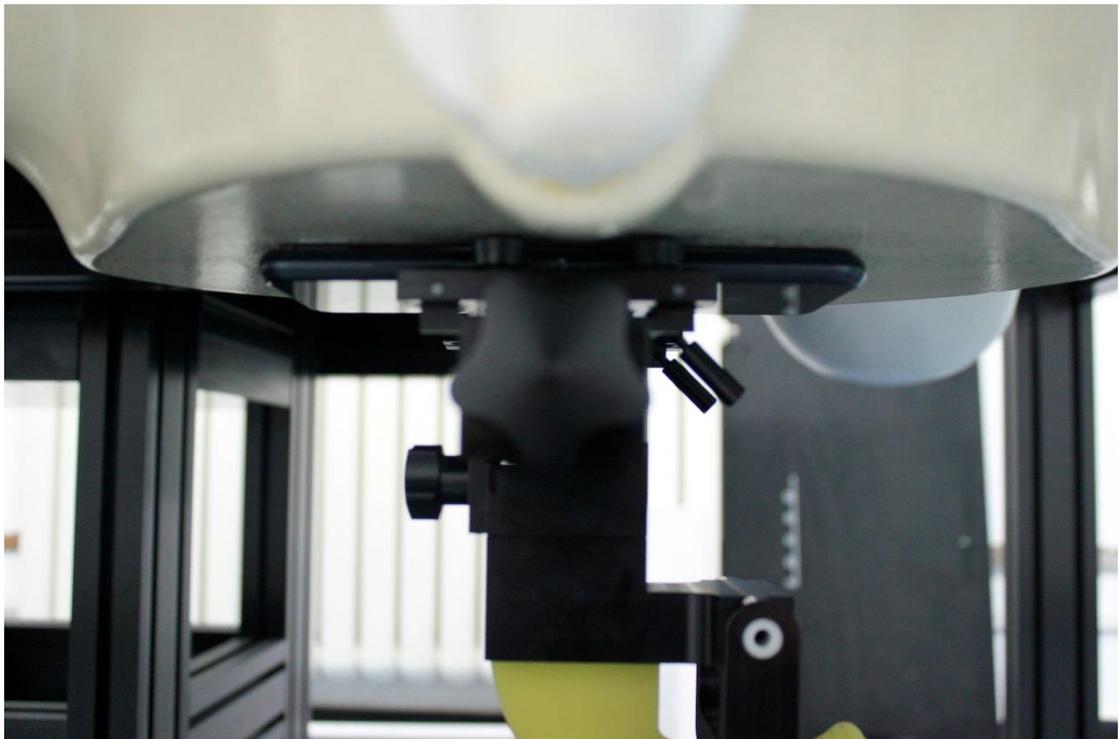
Picture 11: Bottom 10mm



Picture 12: Front 15mm



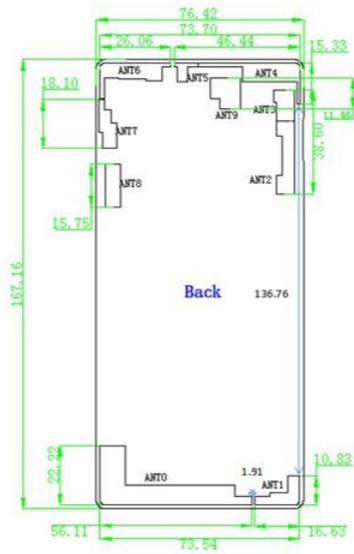
Picture 13: Rear 15mm



Picture 14: Rear 0mm

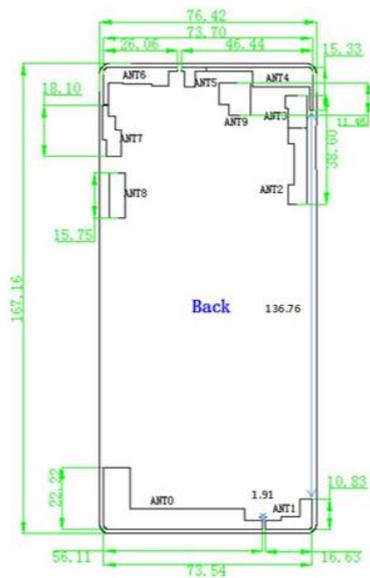


Picture 15: Bottom 0mm



2G/3G/4G

ANT	Band
ANT0	TX&RX: GSM 850/900, WCDMA B5/S, LTE B5/7/8/20/28/38/40/41
ANT1	TX&RX: GSM1800/1900, WCDMA B1/2, LTE B1/2/3
ANT2	RX: LTE B1/3/7/38/41
ANT4	RX: GSM850/900/1800/1900, WCDMA B1/2/5/S, LTE B1/2/3/5/7/8/20/28/38/40/41
ANT6	GPS/WIFI 2.4G/WIFI 5G/BT
ANT7	RX: LTE B1/3/7/38/41



5G NSA

ENDC组合 (rx数量)	涉及到的天线 (ANT)			
	TRX(TX+PRX)	DRX	PRX-MIMO	DRX-MIMO
7A-NSA (4rx-2rx)	ANT4_ANT0	ANT2_ANT4	ANT0	ANT7

Picture 16 Antenna Locations