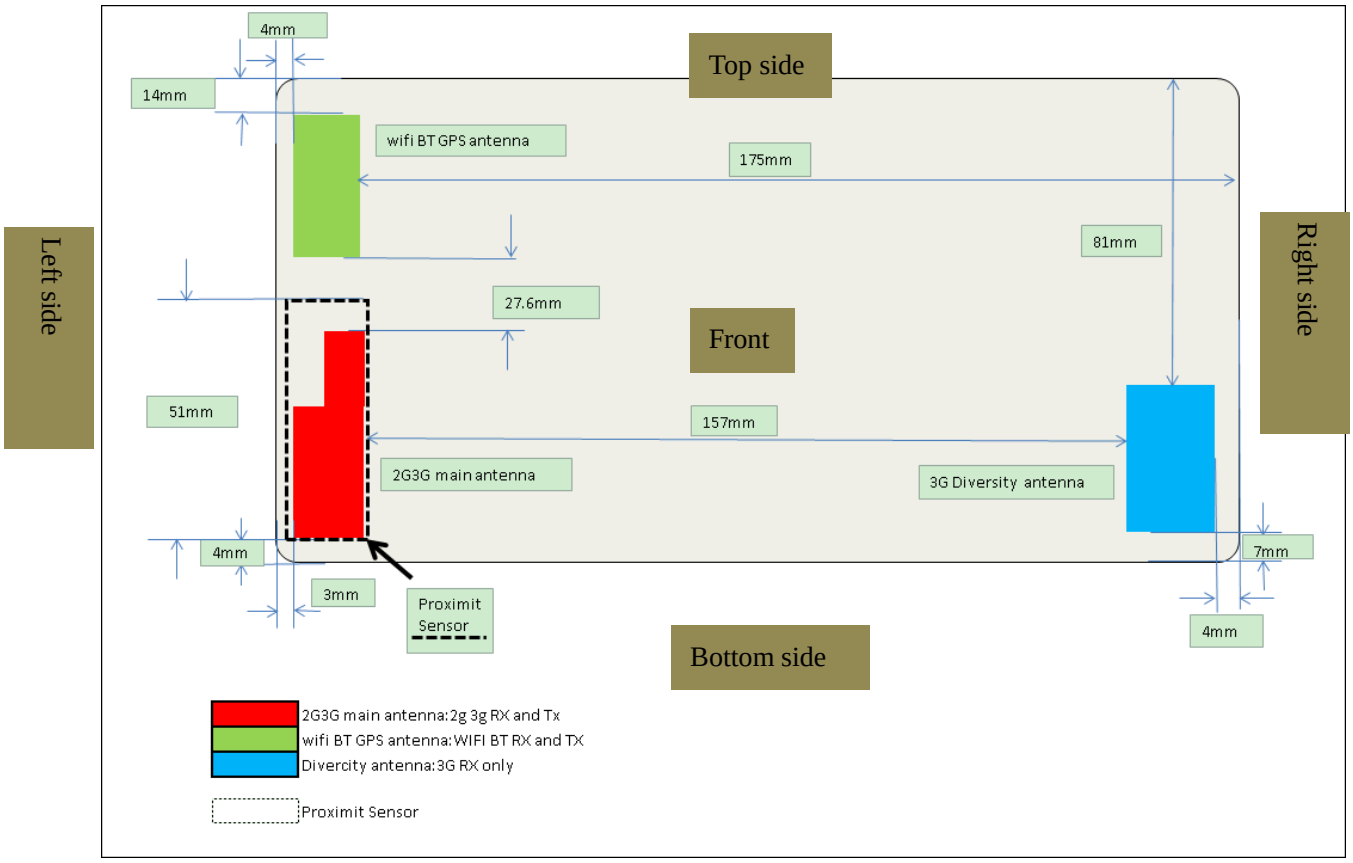
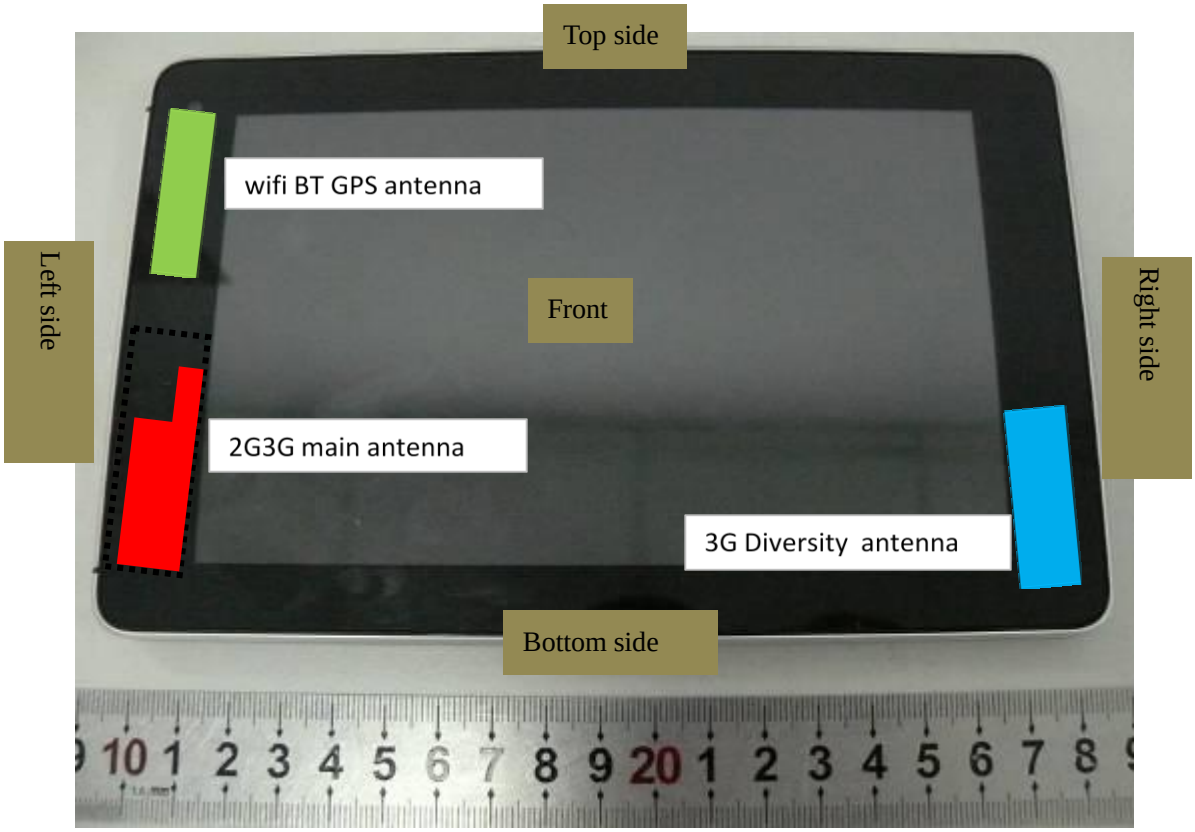
S7-302u Sensor Additional Information

contents

1) Antenna-to-antenna/user separation distances

Front of the Tablet



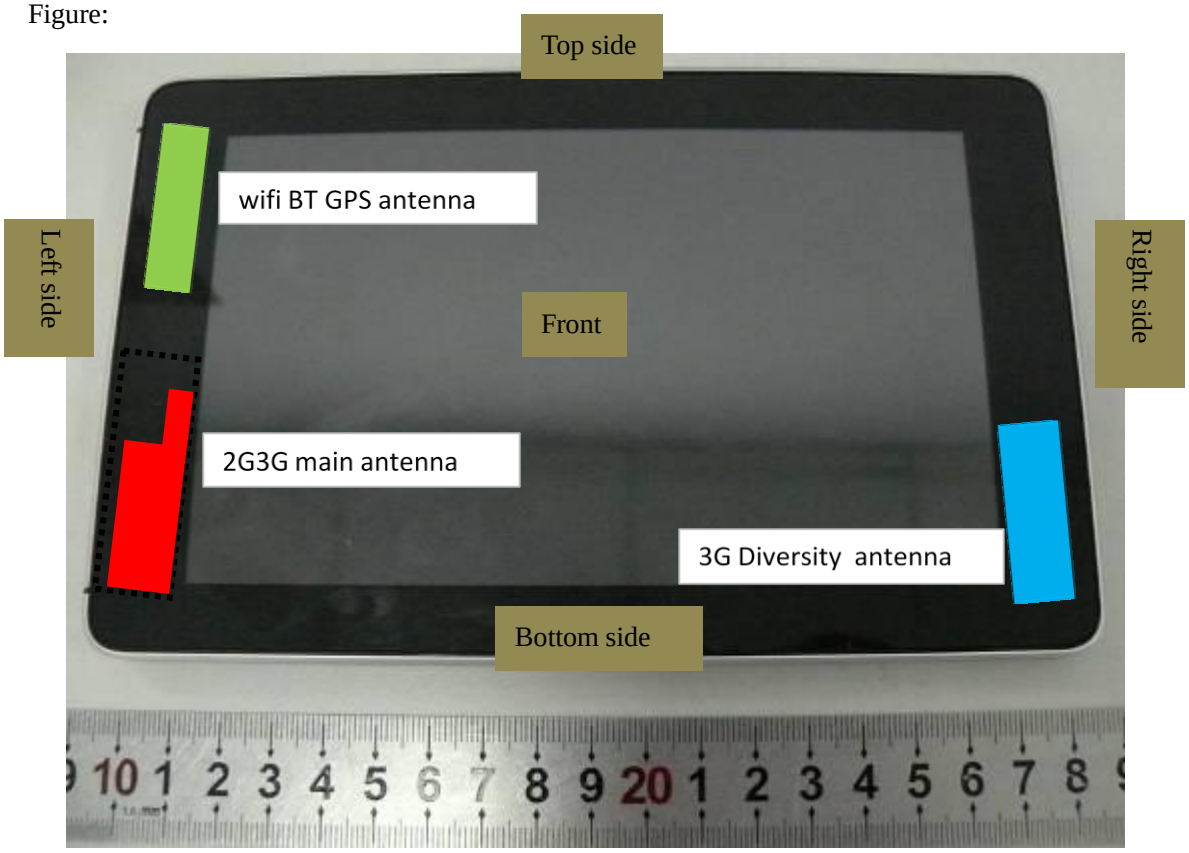


Antenna-to-user separation distances:	<u>2G3G main antenna</u> Tablet-Rear side: 1mm form 2G3G main antenna-to-user Tablet-Edges with the following configurations: Top side: 68mm from 2G3G main antenna-to-user Bottom side: 4mm from 2G3G main antenna-to-user Left side: 3mm from 2G3G main antenna-to-user Right side: 173mm from 2G3G main antenna-to-user <u>wifi BT GPS antenna</u> Tablet-Rear side: 1mm from wifi BT GPS antenna-to-user Tablet-Edge with the following configurations: Top side: 14mm from wifi BT GPS antenna-to-user Bottom side: 84mm from wifi BT GPS antenna-to-user Left side: 4mm from wifi BT GPS antenna-to-user Right side: 175mm from wifi BT GPS antenna-to-user <u>3G Diversity antenna</u> Only receive signal,so it does not figured out in the following pictures.

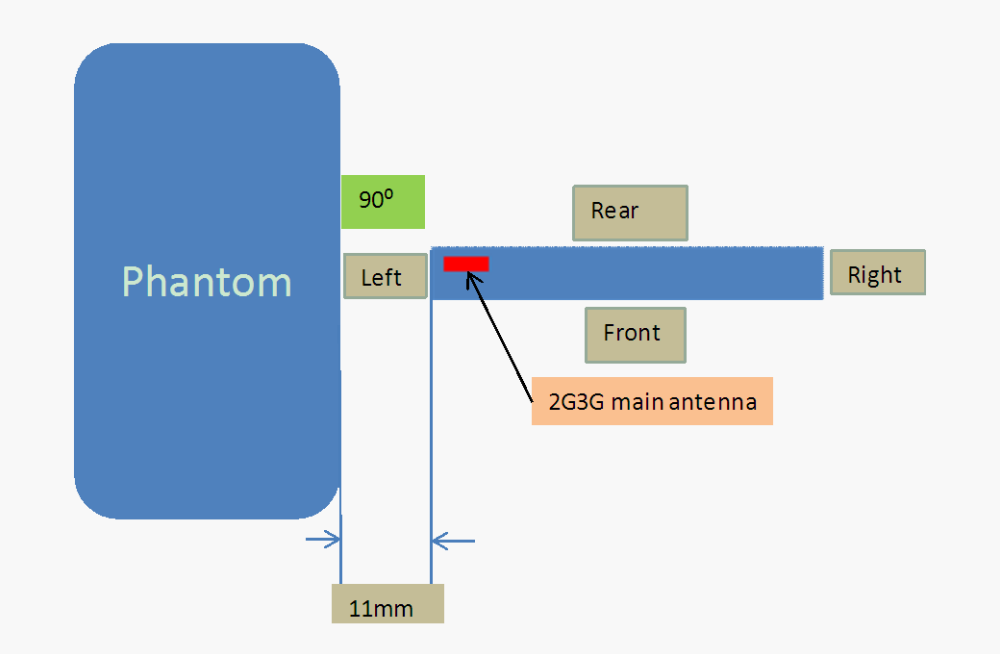
2) proximity sensor coverage and distance

a. Proximity sensor coverage

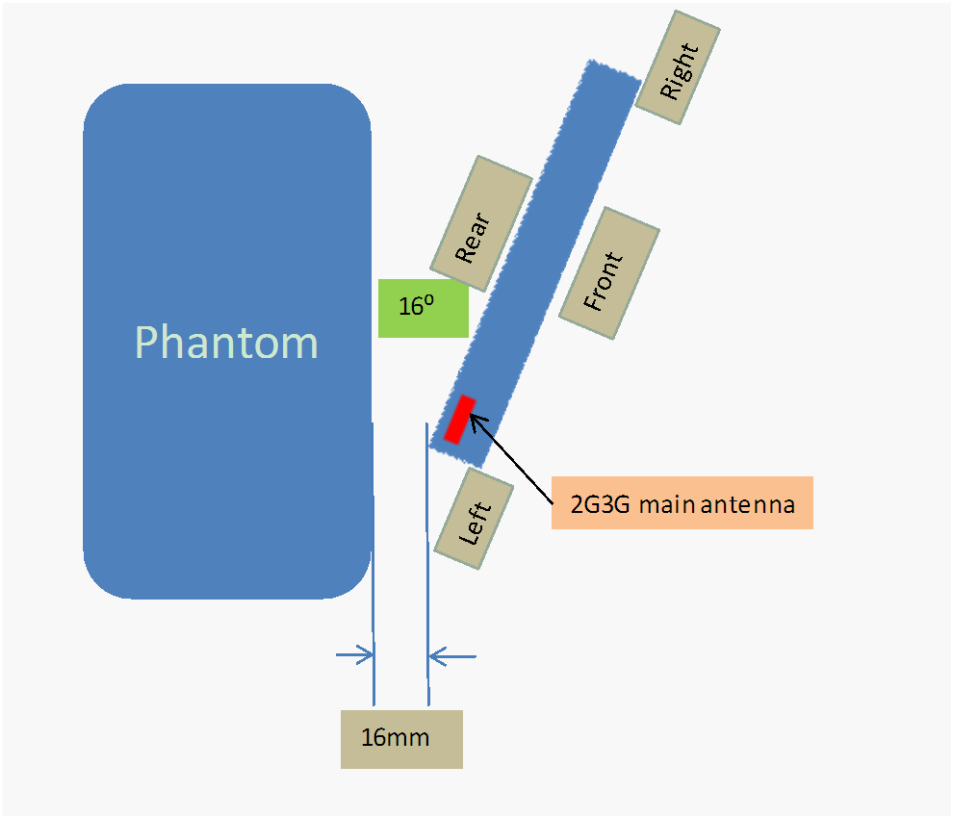
Figure:



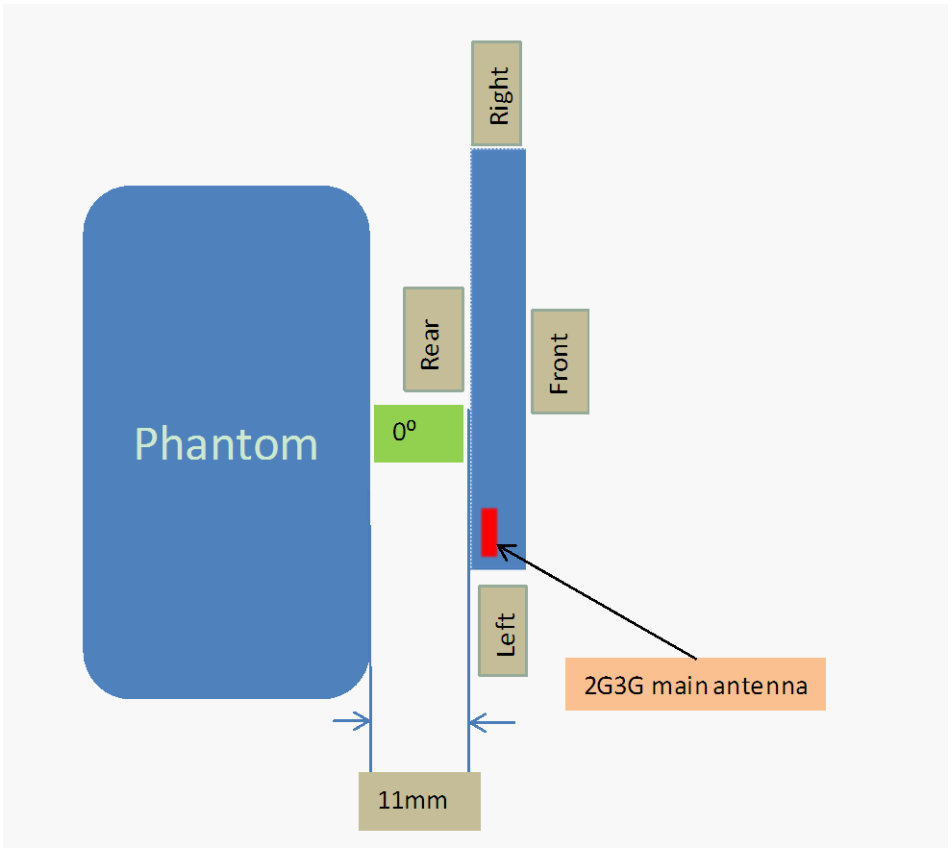
Sensor work coverage (0°)



Sensor work coverage (16°)



Sensor work coverage (90°)



b. Proximity sensor work and return distance

The proximity sensor cover the entire 2G3G main antenna and is only for power reduction in 2G3G main antenna,It can cover the rear side and the left side of EUT.When users aproach the rear side and left side of EUT within 11mm,the power both of 2G3G main antenna will be reduced,It can returns to full power at the same distance. Please refer to below for sensor activation/de-activation information.

Rear side of Mini-Tablet (0 degree angle) Distance from the user in 2G3G main antenna

Distance in mm	0--8	9	10	11	12	13	14
Conditon of Sensor in the rear side of the device	on	on	on	on	off	off	off

Note:1.The distance from the camera of the EUT to the bottom of the Phantom is 10mm

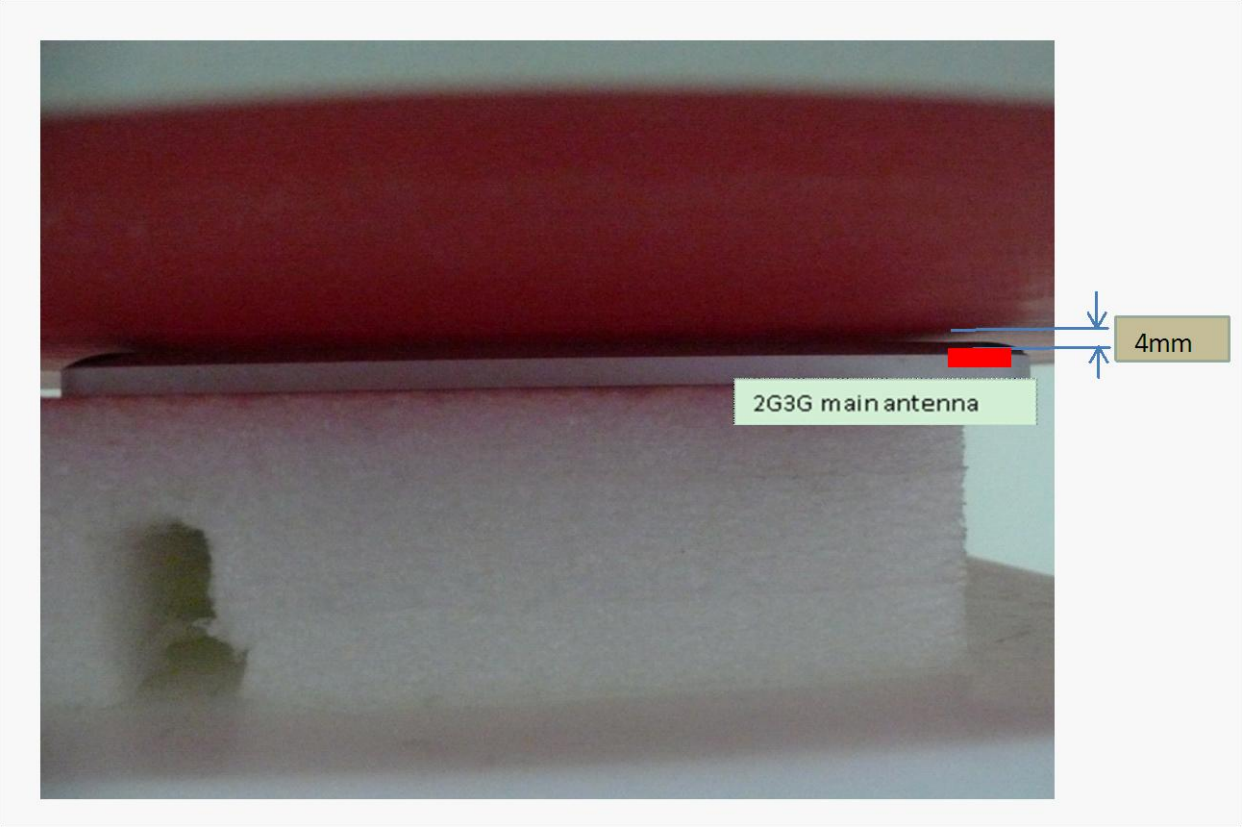
Rear side of Mini-Tablet (16 degree angle) Distance from the user in 2G3G main antenna

Distance in mm	0--13	14	15	16	17	18	19
Conditon of Sensor in the rear side of the device	on	on	on	on	off	off	off

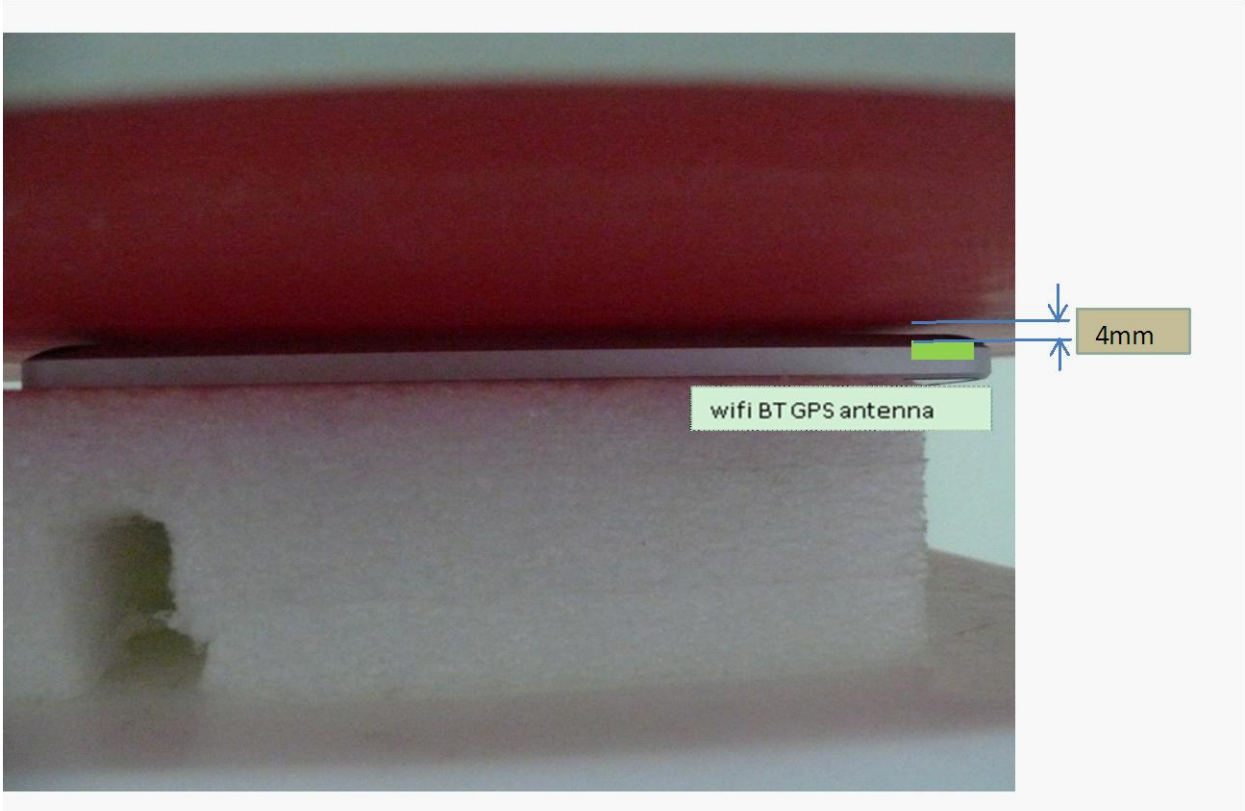
Left side of Mini-Tablet (90 degree angle) Distance from the user in 2G3G main antenna

Distance in mm	0--8	9	10	11	12	13	14
Conditon of Sensor in the left side of the device	on	on	on	on	off	off	off

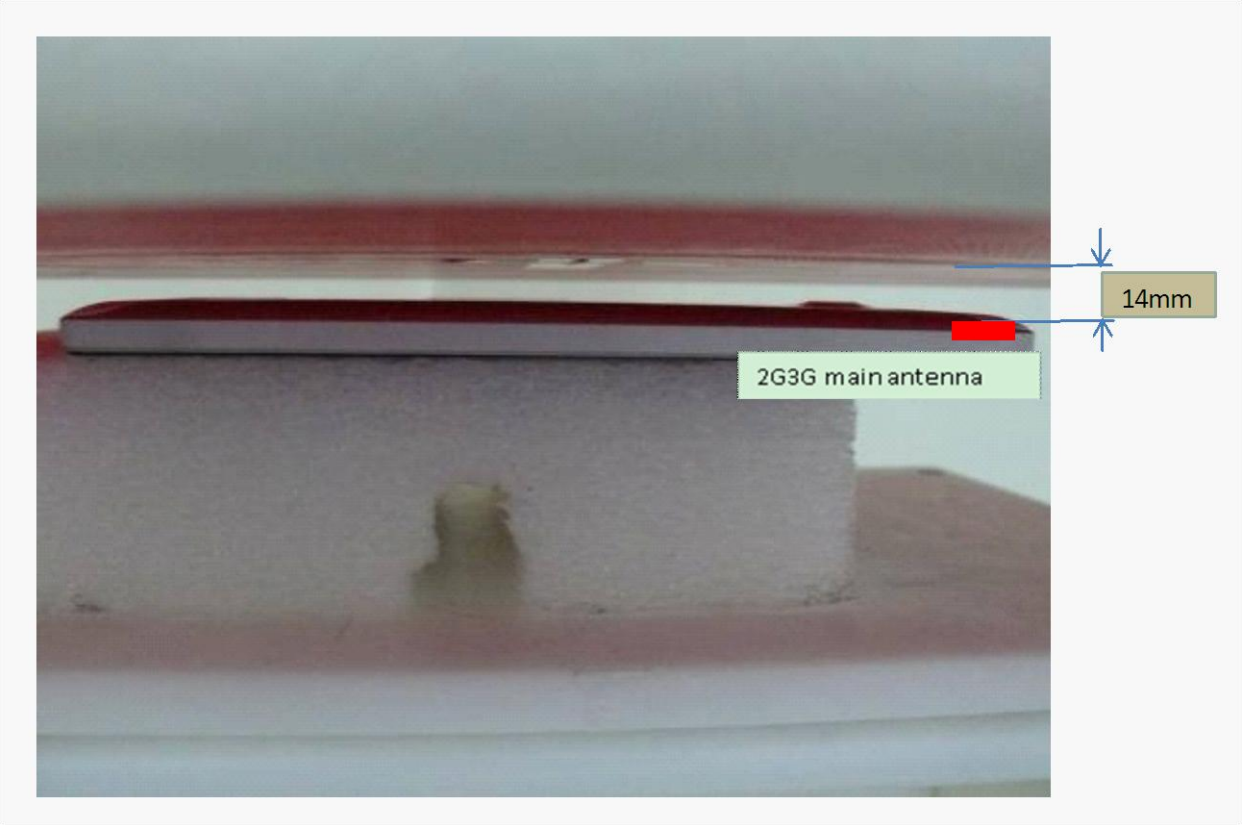
c. Test setup photos in SAR report



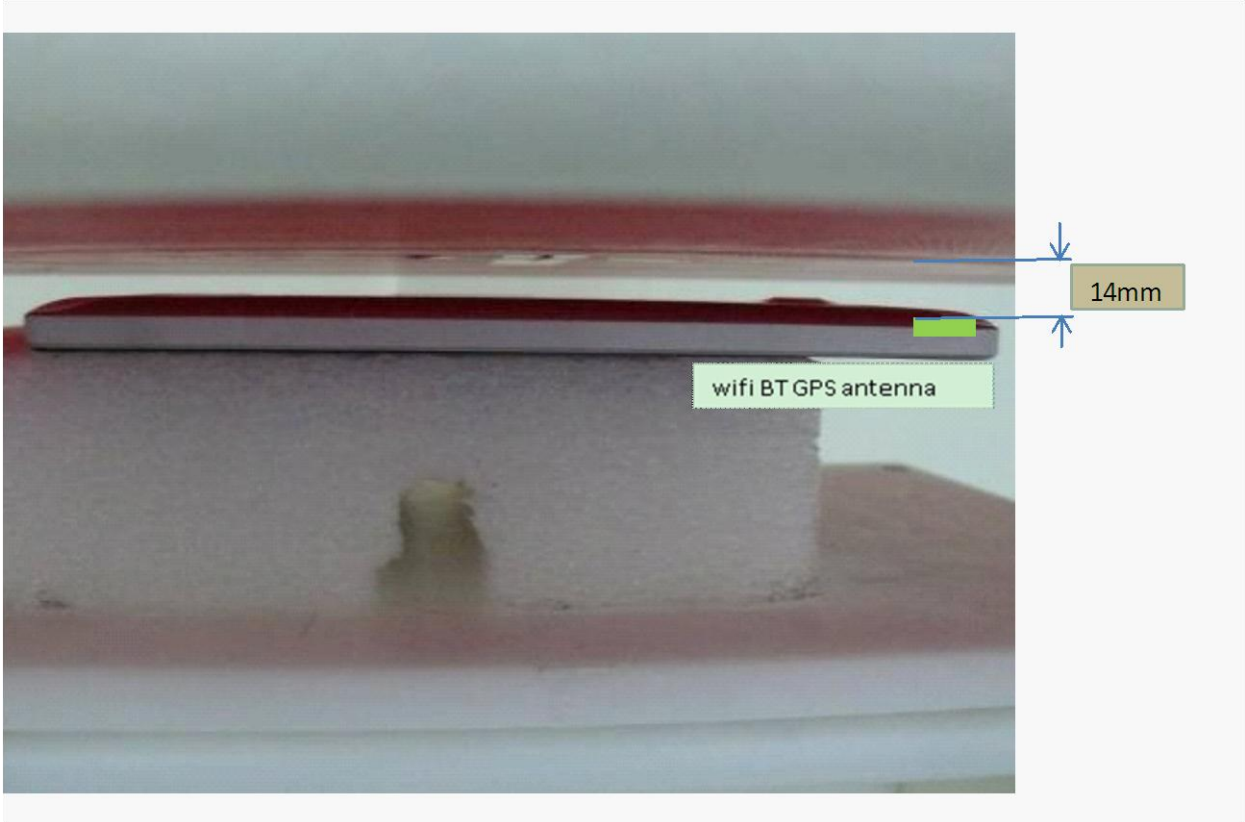
2G3G main antenna



Wifi BT GPS antenna



2G3G main antenna



Wifi BT GPS antenna

Picture 1: Test Position 1

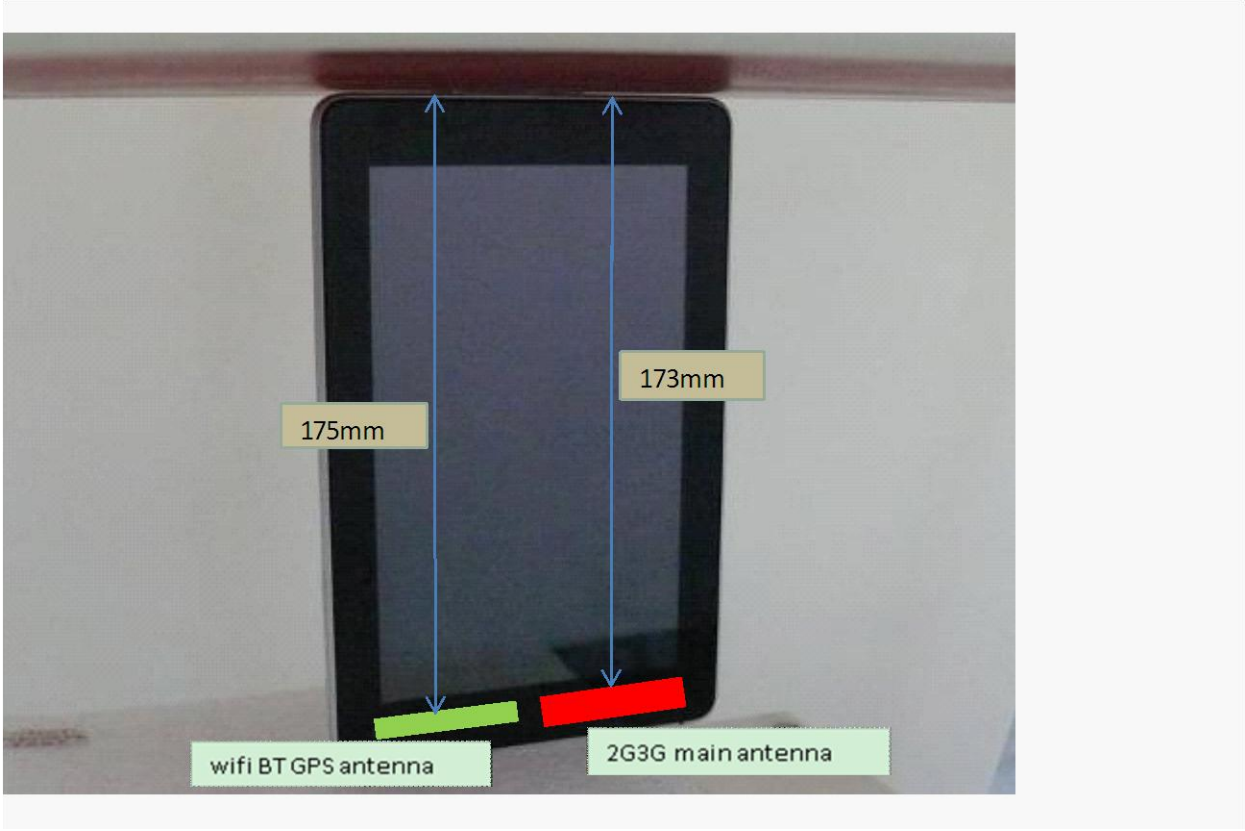
2G3G main antenna

Wifi BT GPS antenna

2G3G main antenna

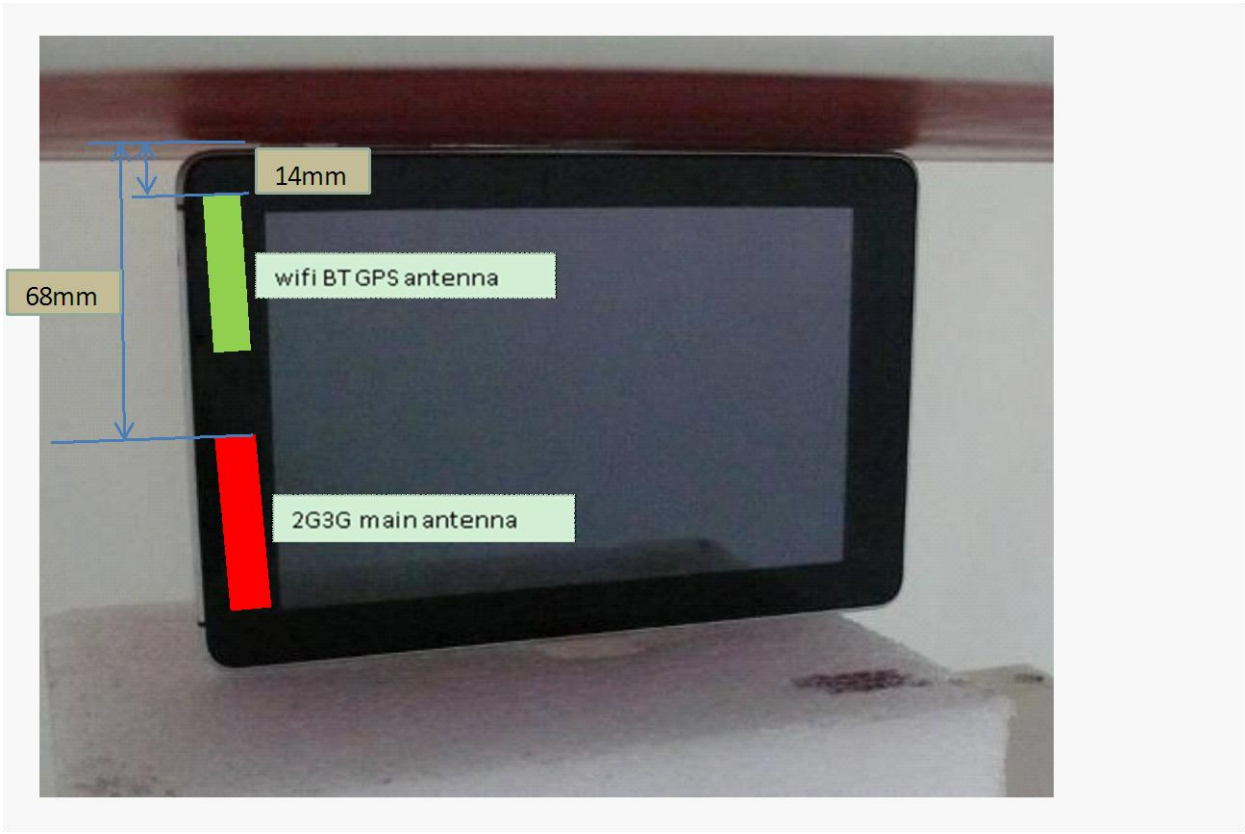
Wifi BT GPS antenna

Picture 2: Test Position 2



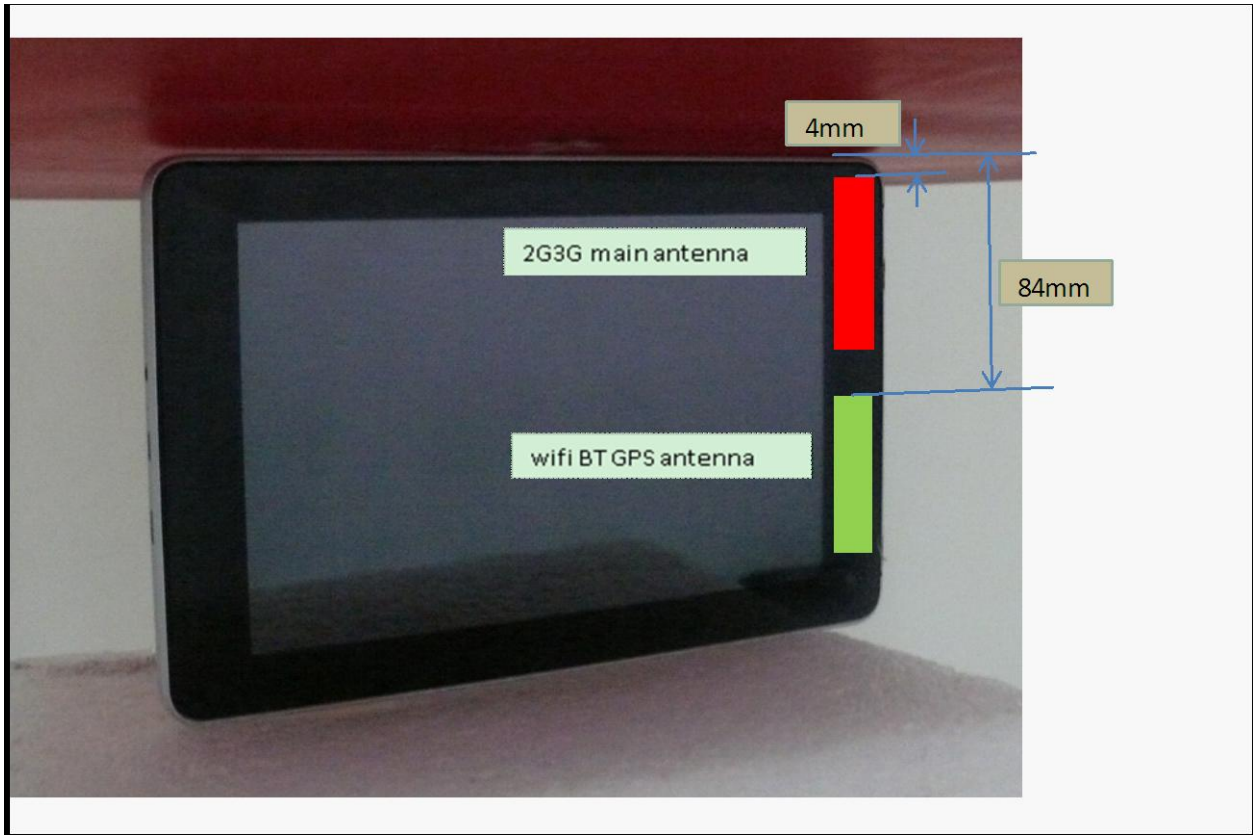
Picture 3: Test Position 3

(This is not the most conservative antenna – to – user distance at edge mode. According to KDB 447498 4) ii) (2) –SAR is required only the edge with the most conservative exposure conditions, No SAR)

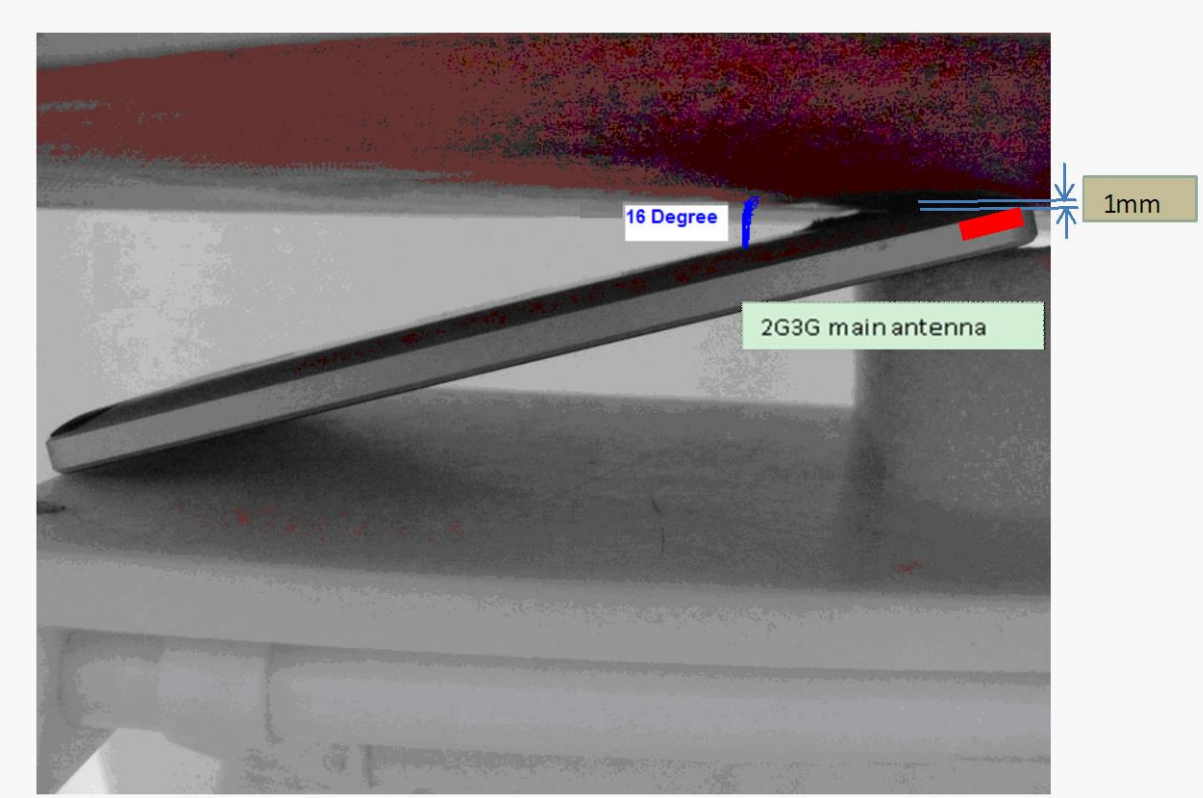


Picture 4: Test Position 4

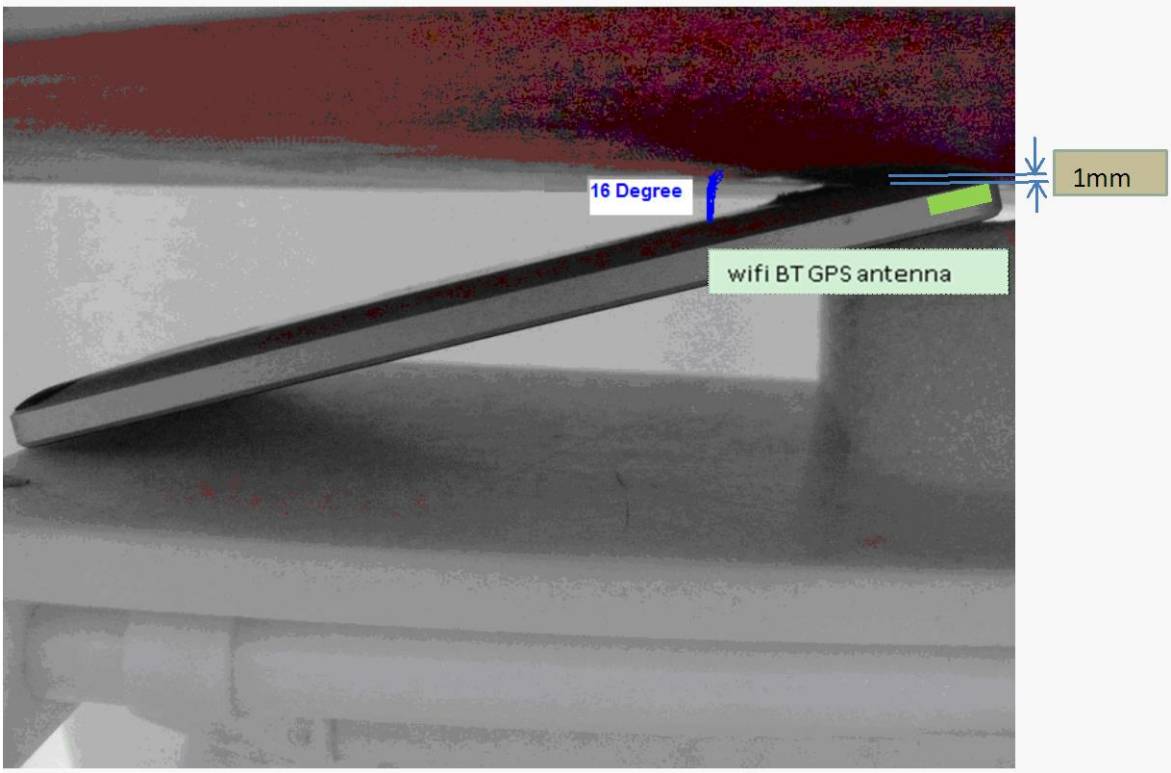
(This is not the most conservative antenna – to – user distance at edge mode. According to KDB 447498 4) ii) (2) –SAR is required only the edge with the most conservative exposure conditions, No SAR)



Picture 5: Test Position 5



2G3G main antenna



Wifi BT GPS antenna

Picture 6: Test Position 6