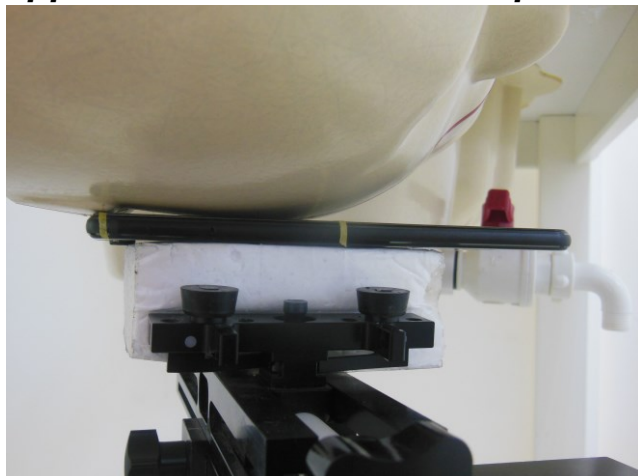
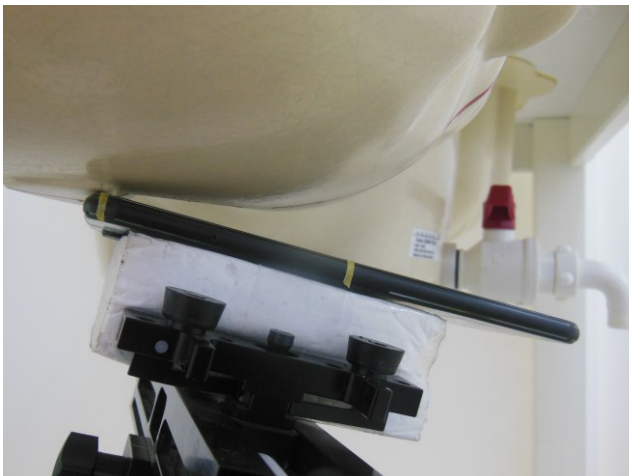


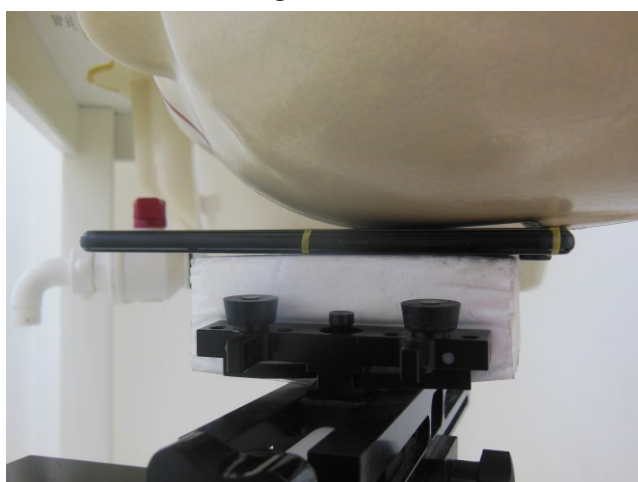
Appendix D. SAR Test Setup Photos



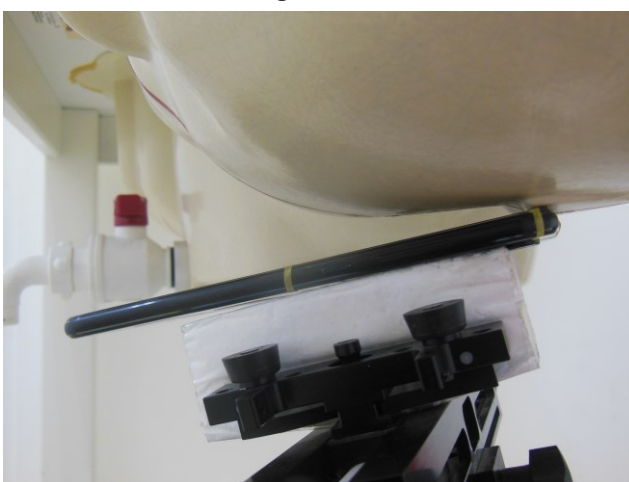
Right Cheek



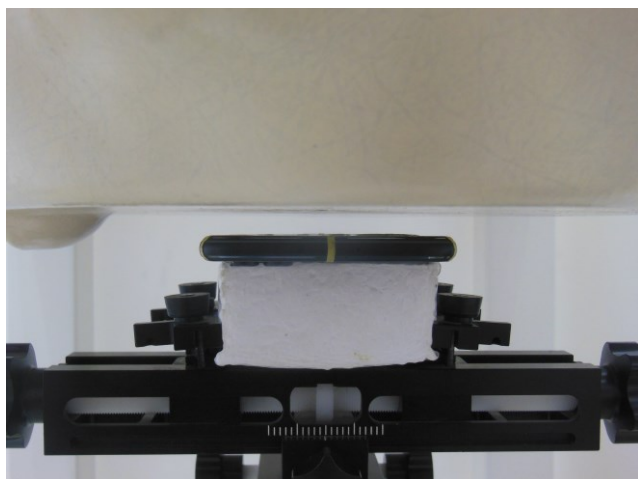
Right Tilted



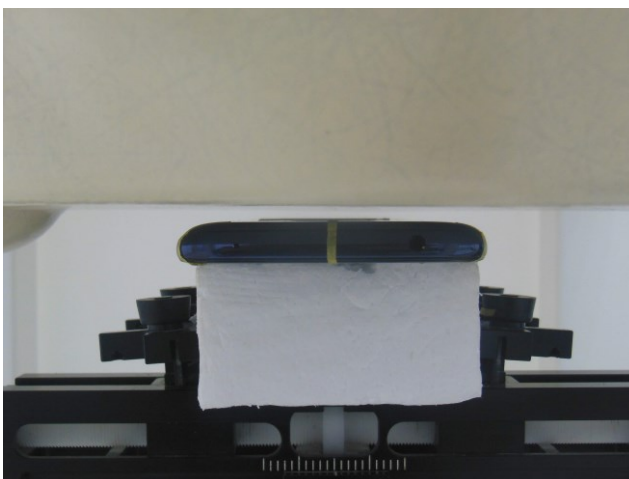
Left Cheek



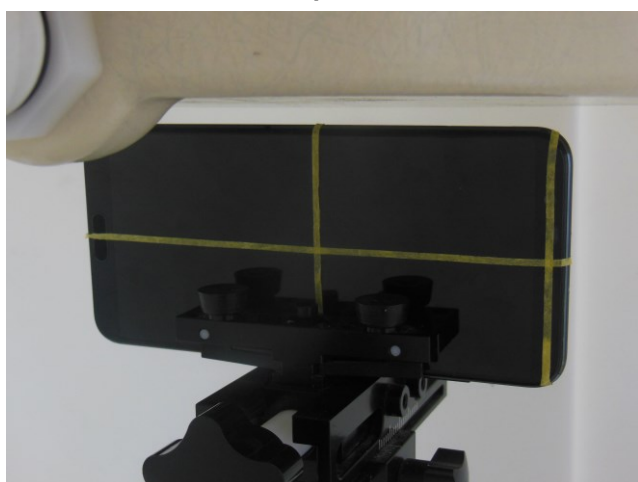
Left Tilted



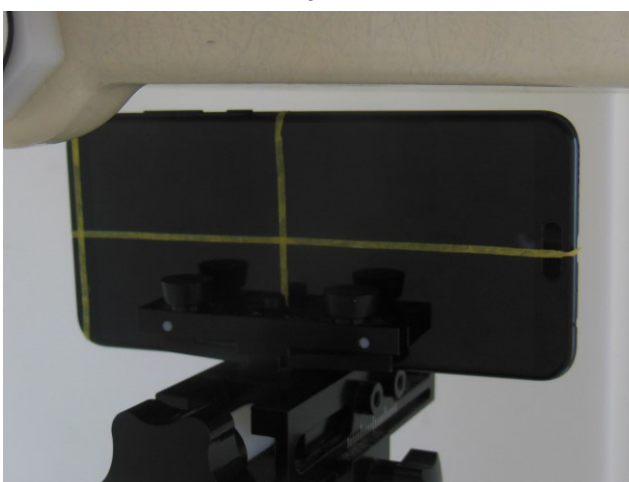
Front, Test Separation 10 mm



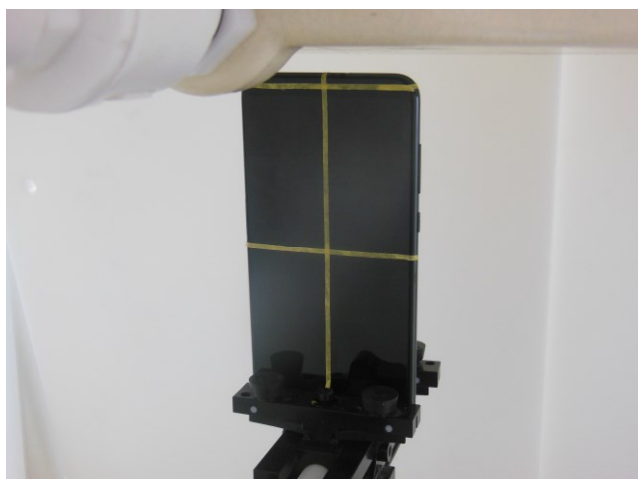
Back, Test Separation 10 mm



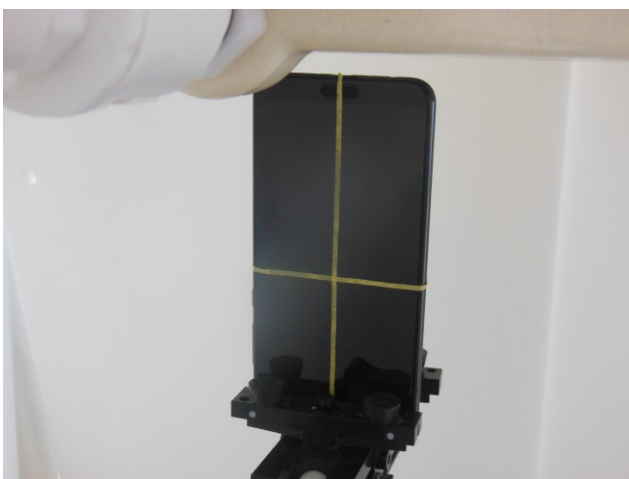
Left Side, Test Separation 10 mm



Right Side, Test Separation 10 mm



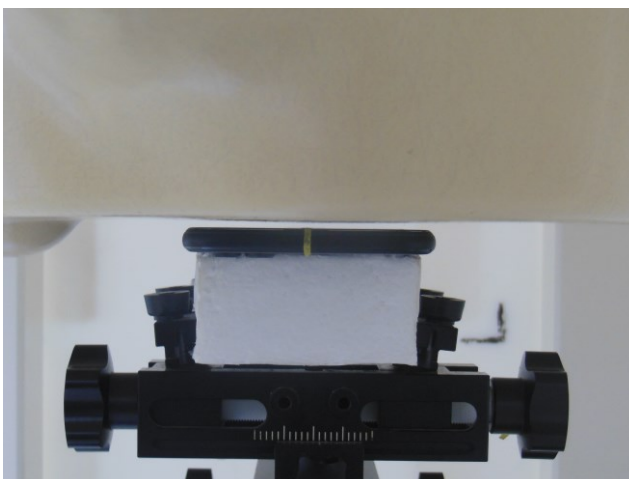
Top Side, Test Separation 10 mm



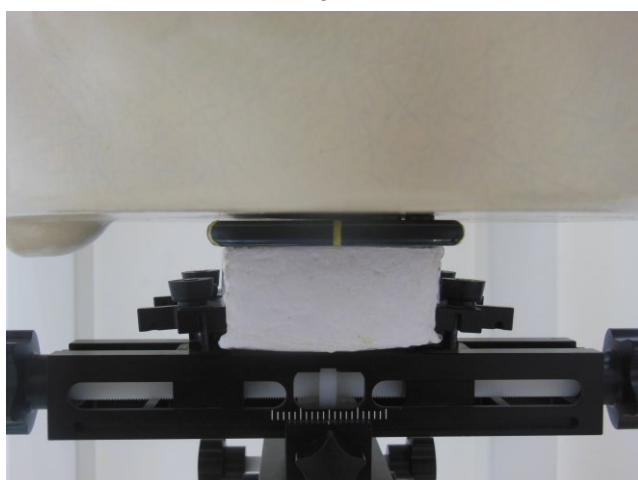
Bottom Side, Test Separation 10 mm



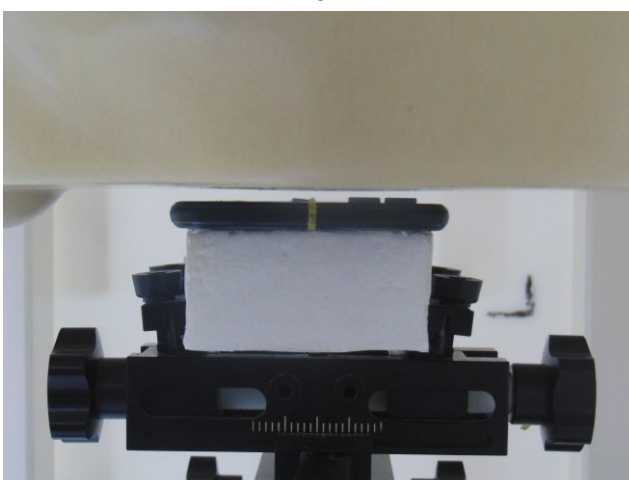
Front, Test Separation 0 mm



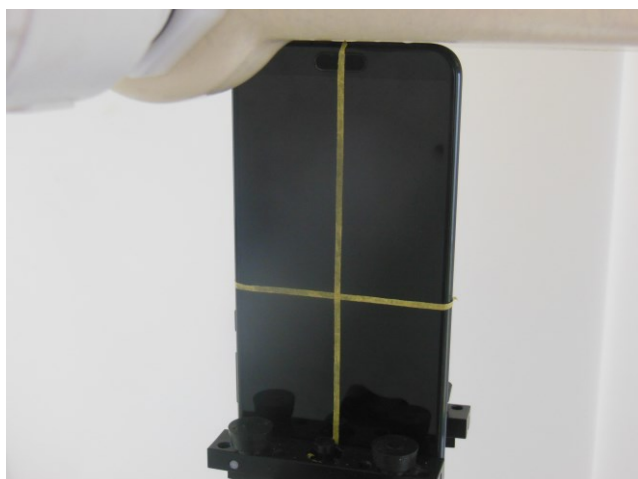
Front, Test Separation 2 mm



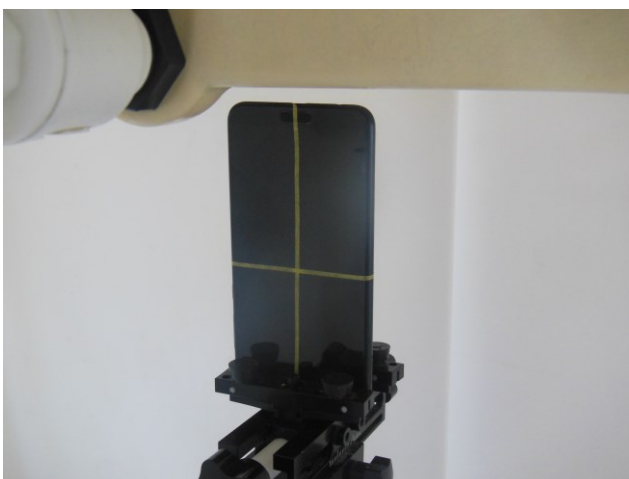
Back, Test Separation 0 mm



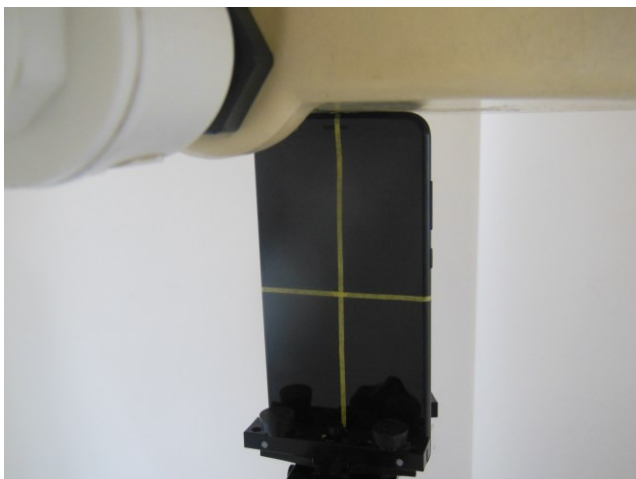
Back, Test Separation 4 mm



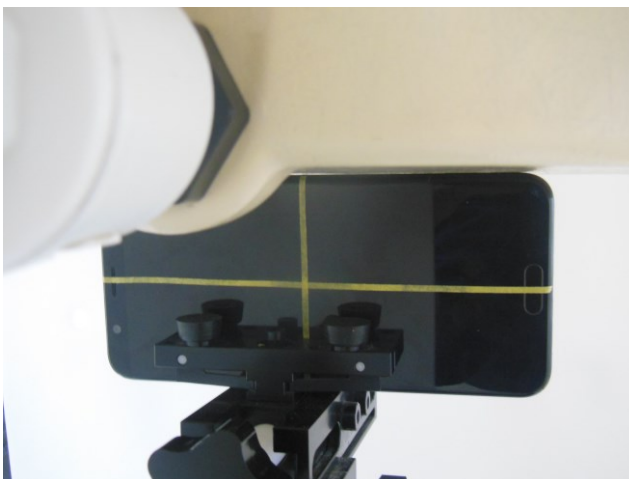
Bottom Side, Test Separation 0 mm



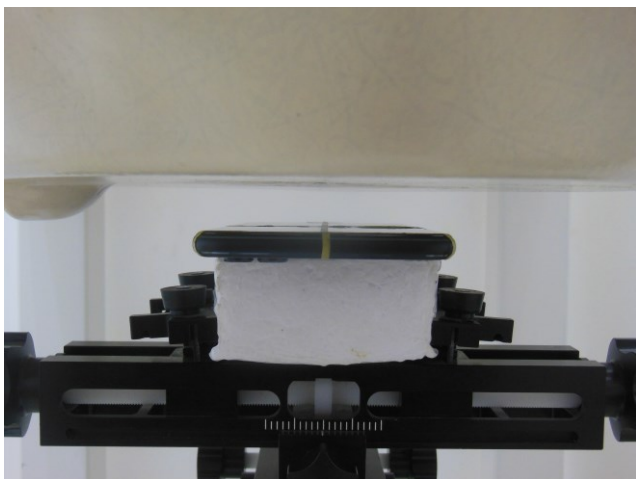
Bottom Side, Test Separation 7 mm



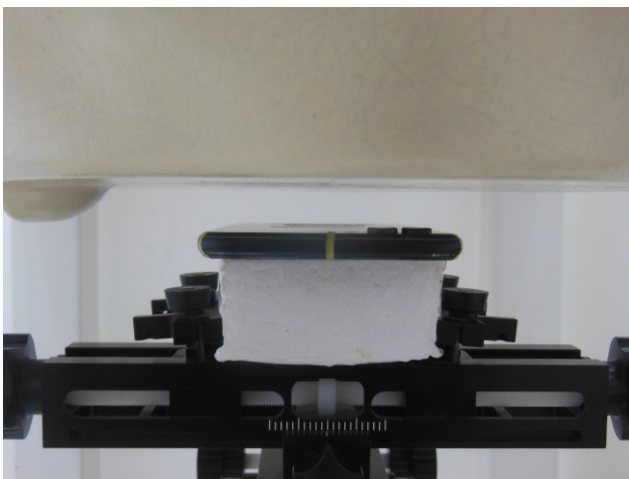
Top Side, Test Separation 0 mm



Right Side, Test Separation 0 mm

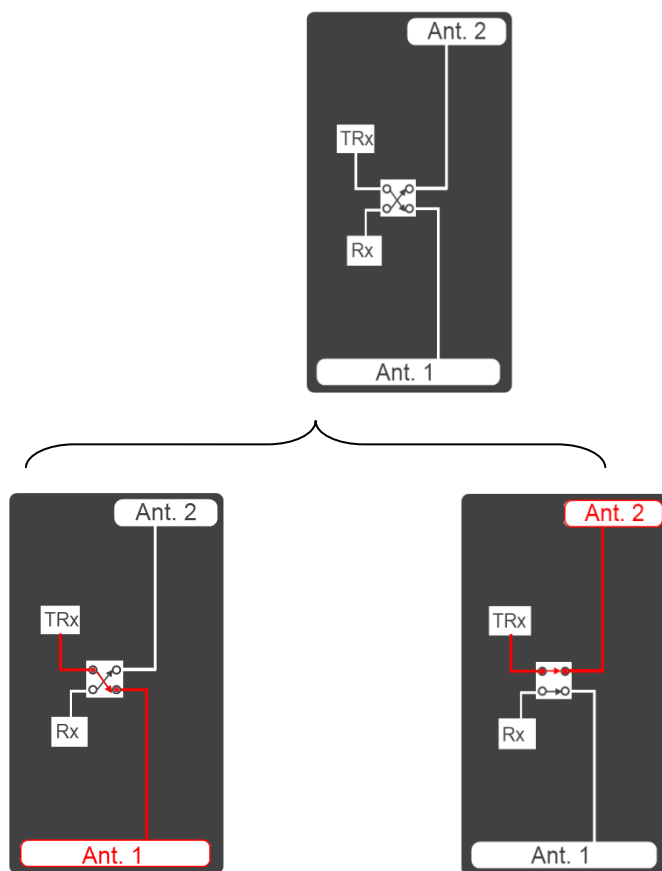


Front, Test Separation 15 mm

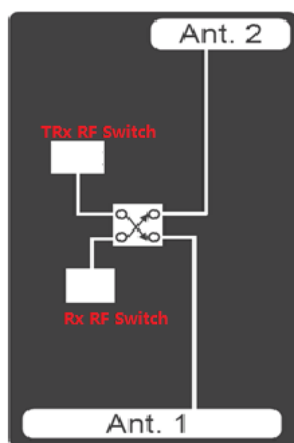


Back, Test Separation 15 mm

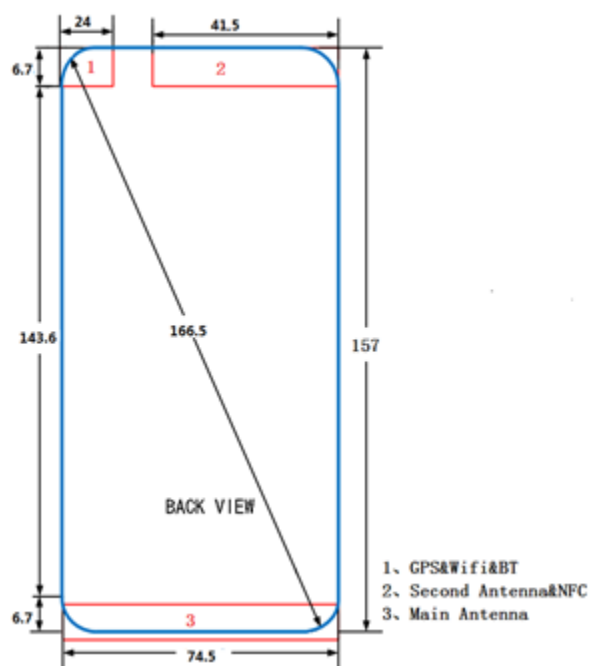
Antenna Location for Dynamic Antenna Switching Analysis



<Fig.12.1>

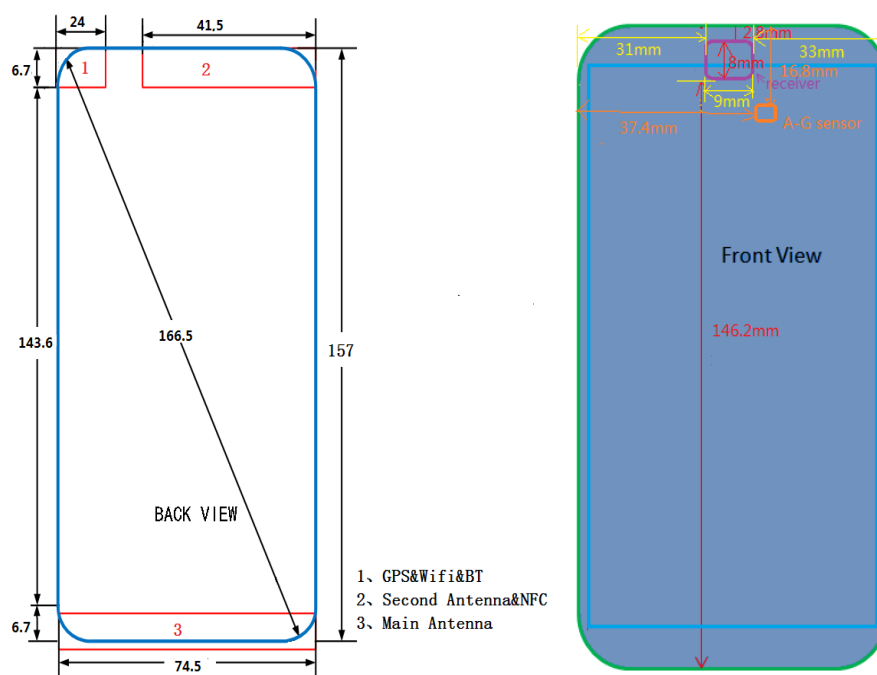


<Fig.12.2>



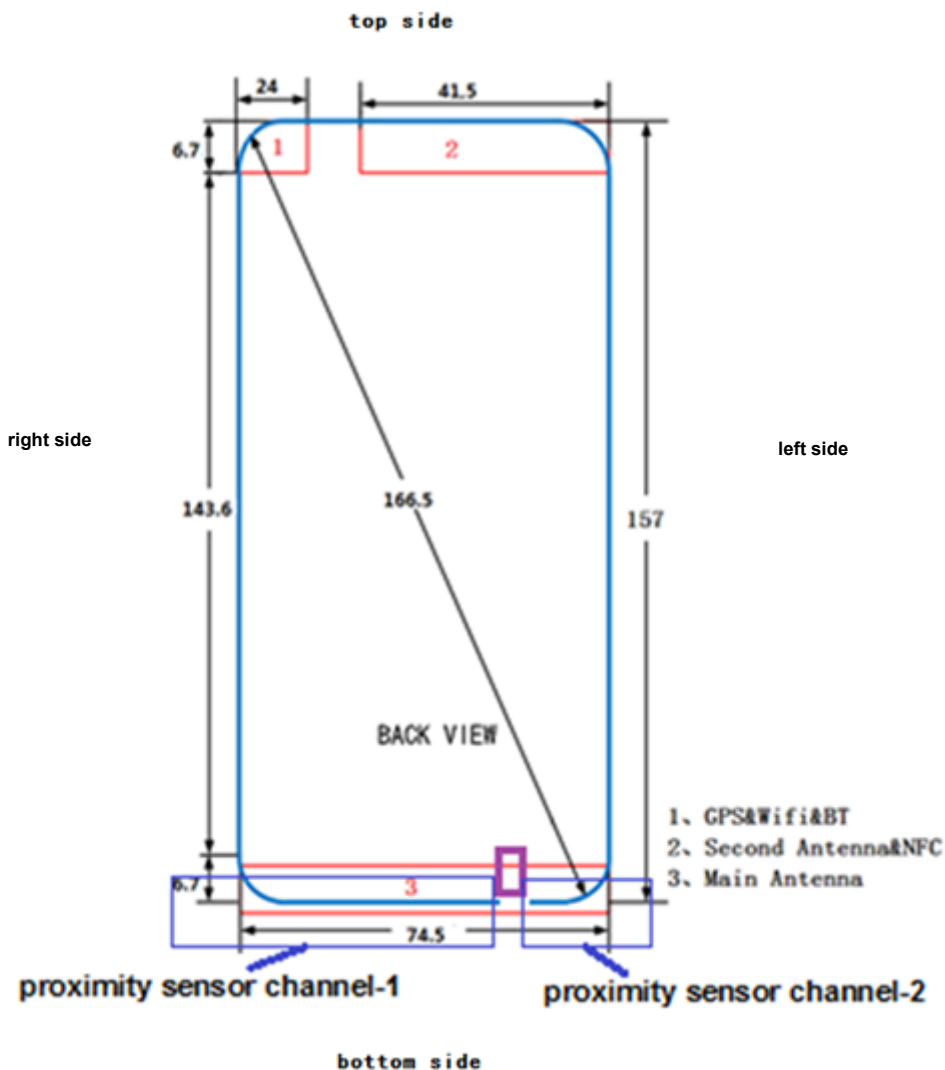
<Fig.12.3>

Antenna Location for Audio Receiver Detection Mechanism Analysis



<Fig.13.1>

Antenna Location for Proximity Sensor Mechanism Analysis

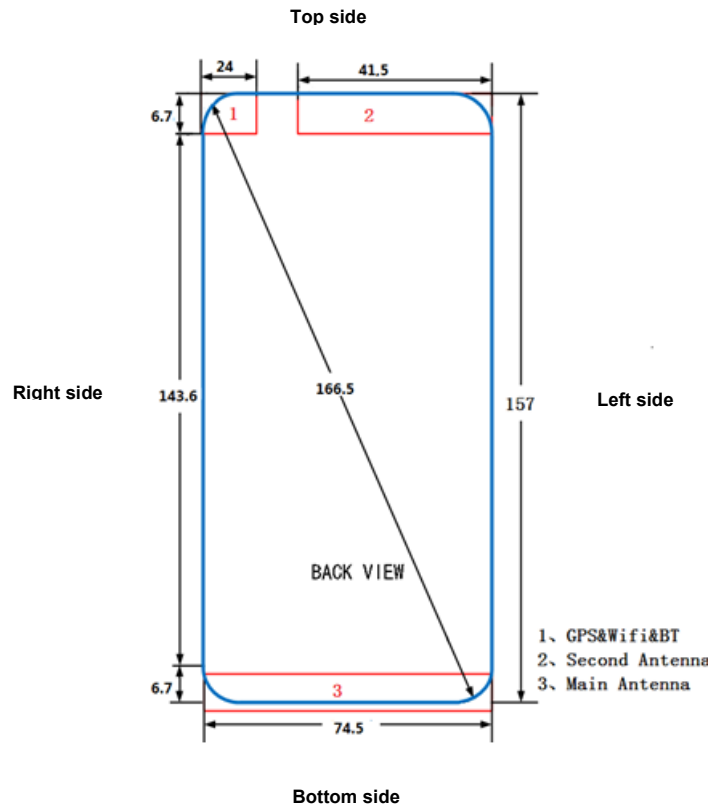


<Fig.14.1>

Sensor-to-DUT sides separation distances

Tx Antenna	Sensor-to- DUT sides separation distances					
	Front side	Back side	Left side	Right side	Top side	Bottom side
proximity sensor channel-1	0mm	0mm	18.3mm	0mm	150.3mm	0mm
proximity sensor channel-2	0mm	0mm	0mm	58.8mm	150.3mm	0mm

Antenna Location for SAR Testing



<Fig.16.1>

Distance of the Antenna to the EUT surface/edge						
Antennas	Back	Front	Top Side	Bottom Side	Right Side	Left Side
2G/3G/4G Main Antenna (Ant.3)	≤ 25mm	≤ 25mm	>25mm	≤ 25mm	≤ 25mm	≤ 25mm
2G/3G/4G Second Antenna (Ant.2)	≤ 25mm	≤ 25mm	≤ 25mm	>25mm	>25mm	≤ 25mm
WLAN & BT(Ant.1)	≤ 25mm	≤ 25mm	≤ 25mm	>25mm	≤ 25mm	>25mm

Positions for SAR tests; Hotspot mode						
Antennas	Back	Front	Top Side	Bottom Side	Right Side	Left Side
2G/3G/4G Main Antenna (Ant.3)	Yes	Yes	No	Yes	Yes	Yes
2G/3G/4G Second Antenna (Ant.2)	Yes	Yes	Yes	No	No	Yes
WLAN & BT(Ant.1)	Yes	Yes	Yes	No	Yes	No

General Note:

1. The 2G/3G/4G main antenna (Ant.3) and second antenna (Ant.2) support the same 2G/3G/4G bands and they can't transmit simultaneously which will be chosen based on the RSSI (Received Signal Strength Indication). Only one antenna can be used for 2G/3G/4G transmissions at a time.
2. Referring to KDB 941225 D06 v02r01, when the overall device length and width are $\geq 9\text{cm} \times 5\text{cm}$, the test distance is 10 mm. SAR must be measured for all sides and surfaces with a transmitting antenna located within 25mm from that surface or edge.