

APPENDIX 4: Photographs of test setup

The difference with another model: GT-I9105P (FCC ID: A3LGTI9105P) is as follows.

The differences between the GT-I9105 and the GT-I9105P are:

1. NFC chipset is removed.
2. H/W
 - NFC Chipset(BCM20793 and RLC) is removed from A3LGTI9105P
 - GT-I9105 and GT-I9105P use same PCB
 - NFC Antenna which is inside of battery pack of GT-I9105P is removed.
3. S/W
 - NFC S/W function(Menu) is removed from A3LGTI9105P

All other things are identical to GT-I9105P.

GT-I9105P is used by the prior SAR test. The worst mode of GT-I9105P (FCC ID: A3LGTI9105P) was evaluated in this test report.

1. Photographs of EUT

Top edge



Right edge

Front

Left edge

Back



Bottom edge



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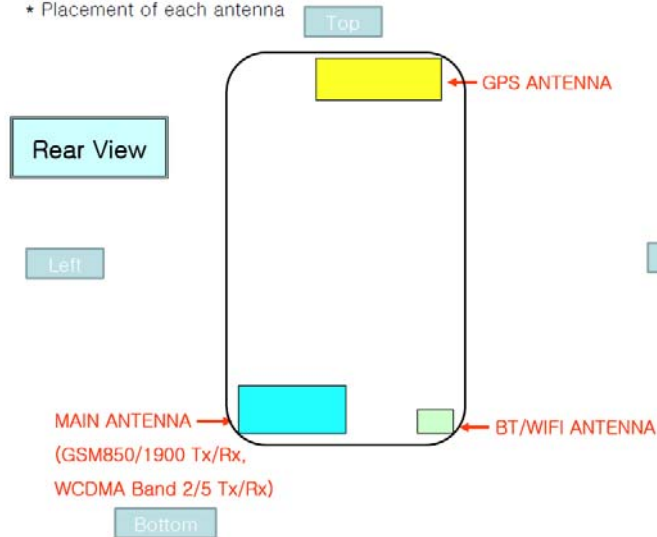
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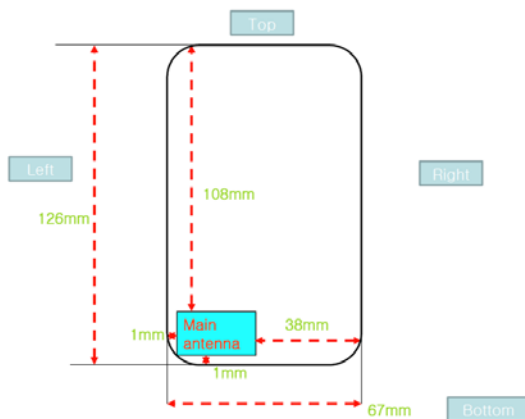
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2. Antenna position

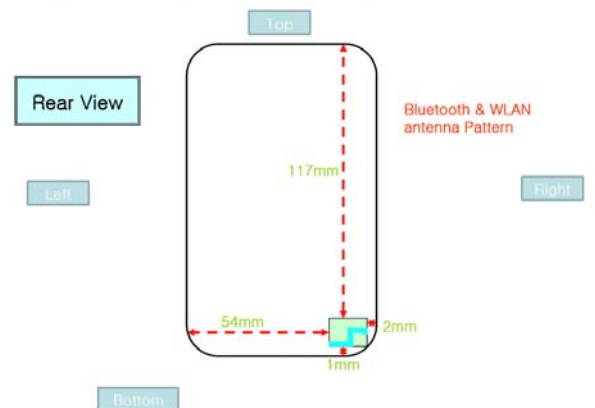
* Placement of each antenna

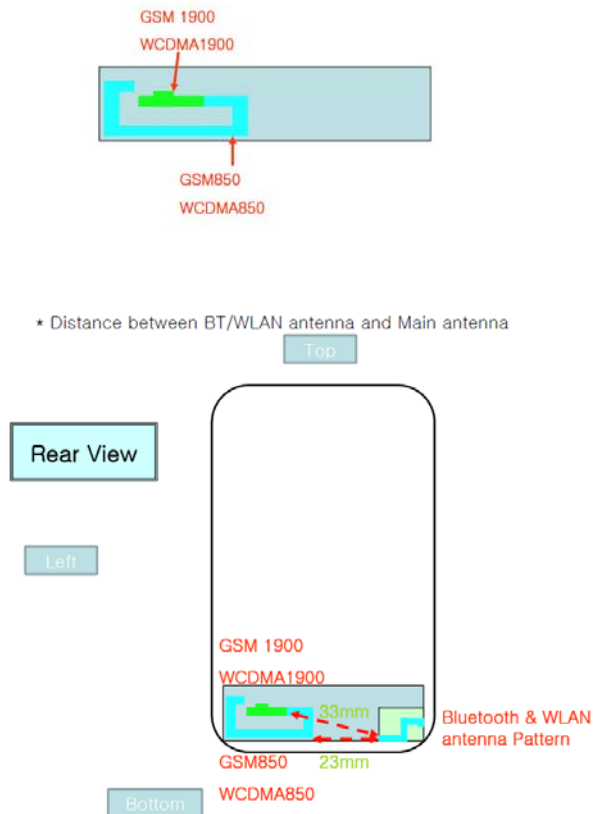


* Distance between Main antenna and edge



* Distance between Bluetooth antenna and edge





Unit : mm

Antenna distance

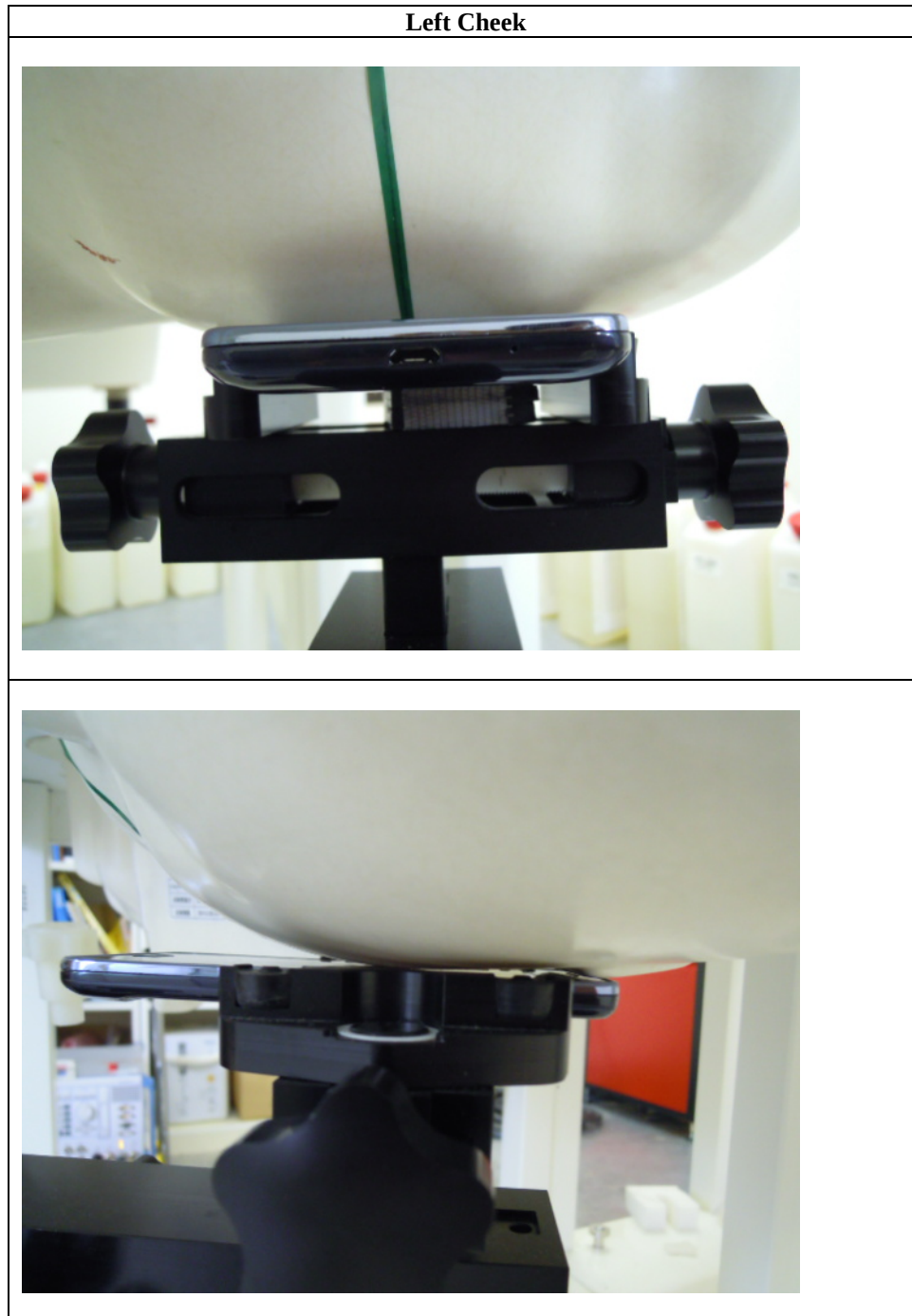
*WWAN (TX 850MHz) to WLAN (TX): 23mm

*WWAN (TX 1900MHz) to WLAN (TX): 33mm

3. Photographs of setup(Model No.: GT-I9105P (FCC ID: A3LGTI9105P))

<The sample which performed the prior check for determining worst mode>

The used model No.: GT-I9105P (FCC ID: A3LGTI9105P)



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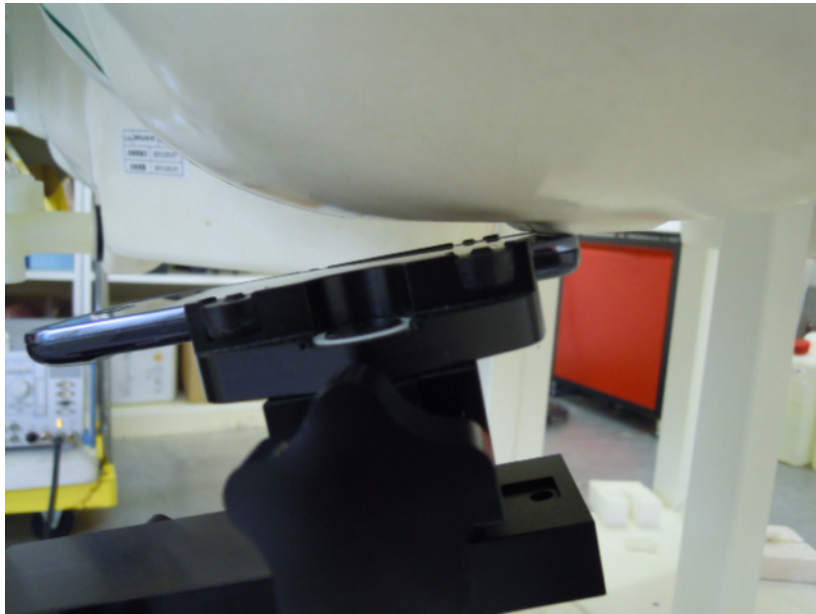
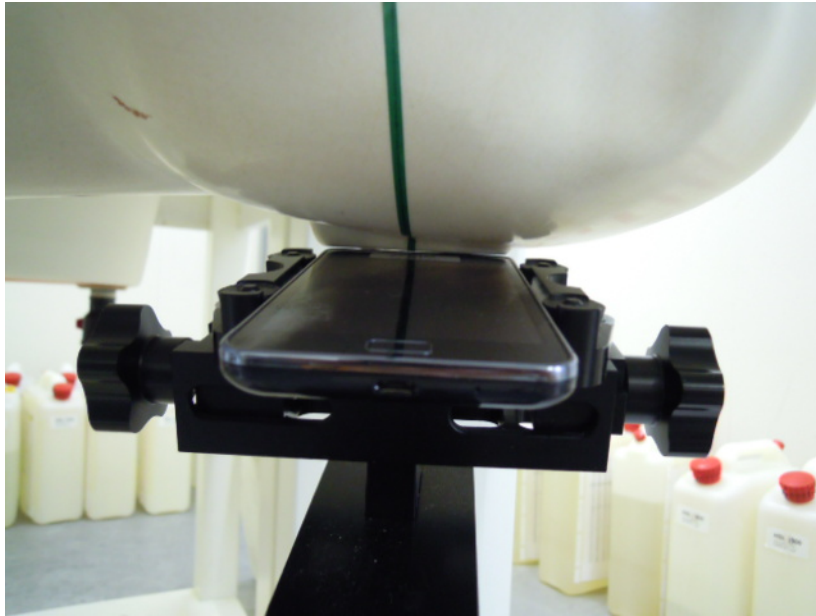
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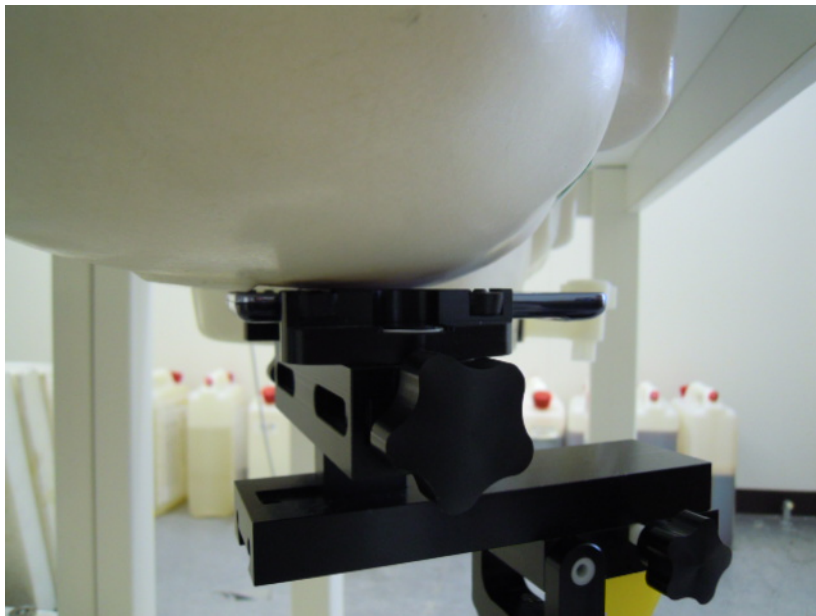
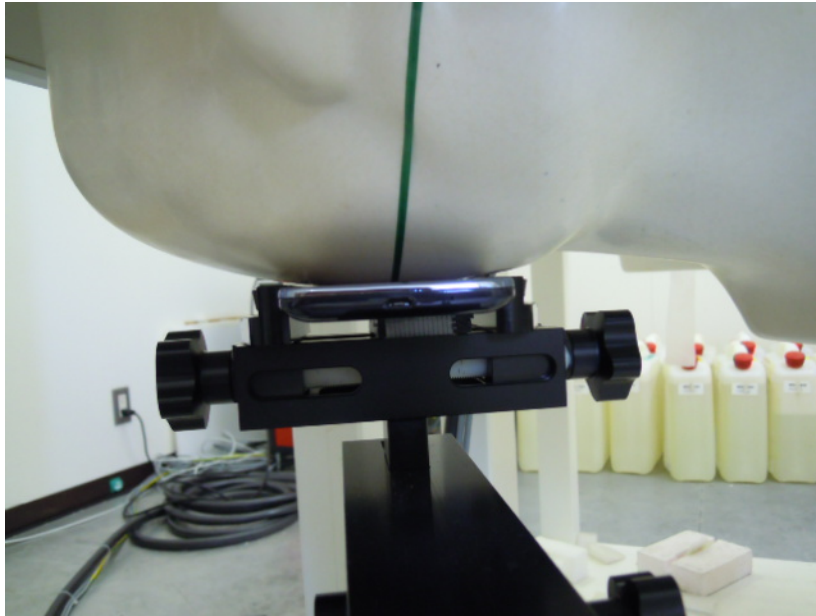
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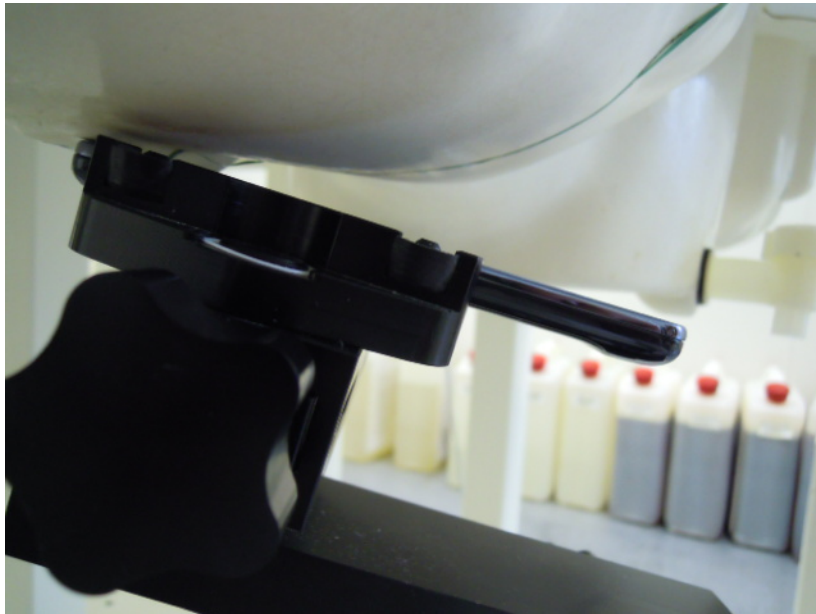
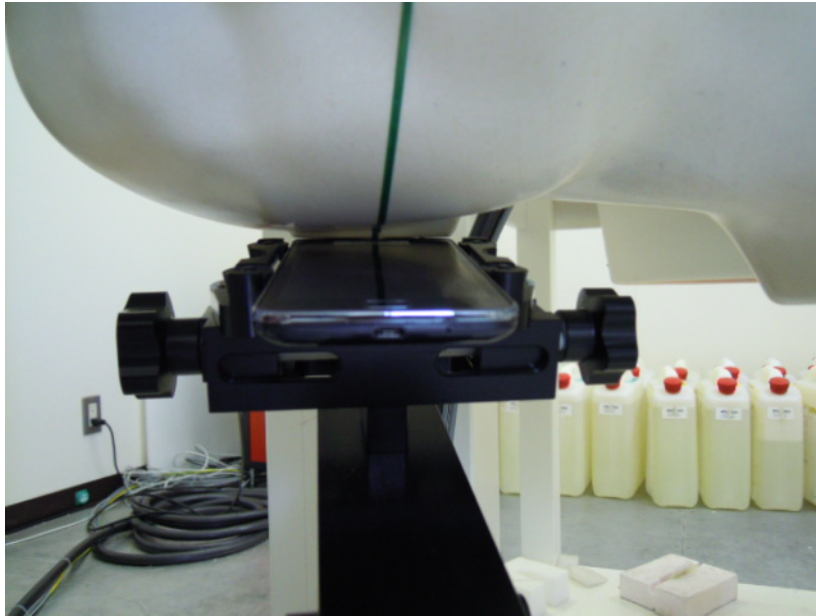
Left Tilt



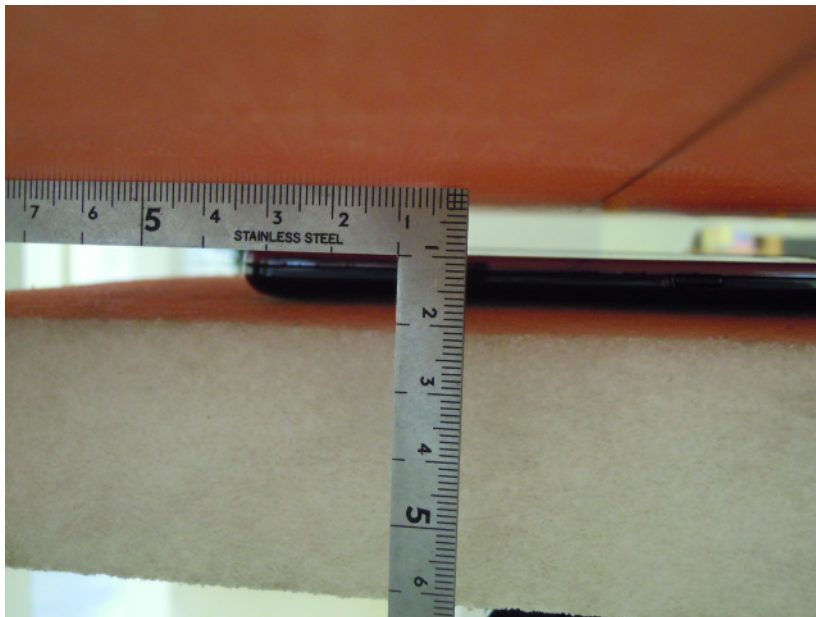
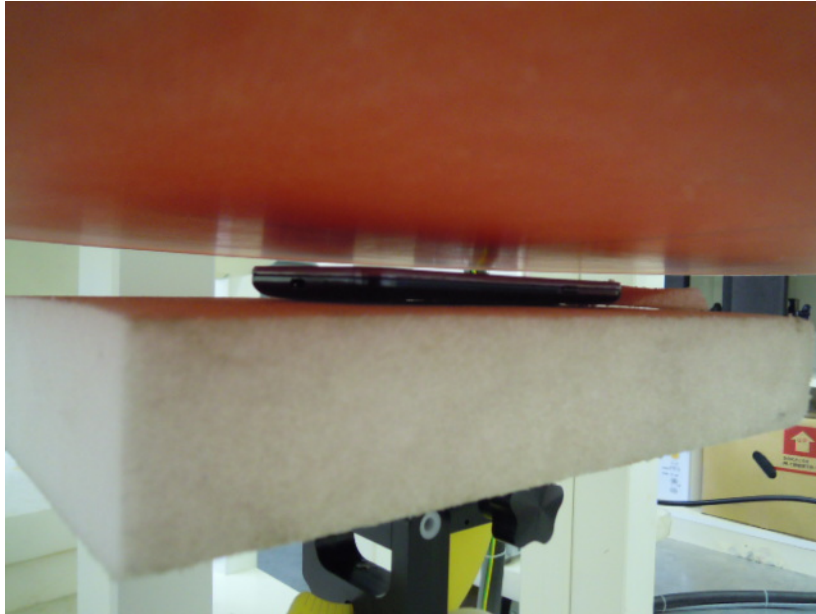
Right Cheek



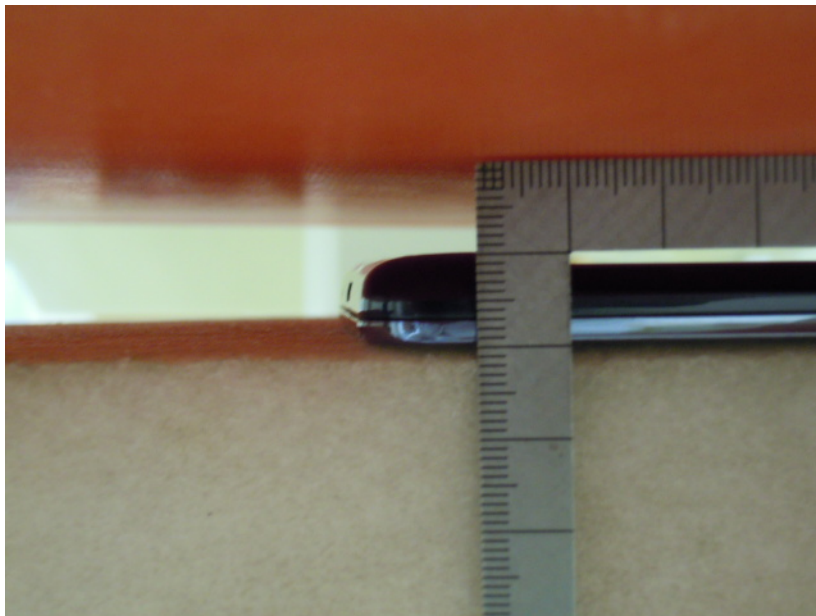
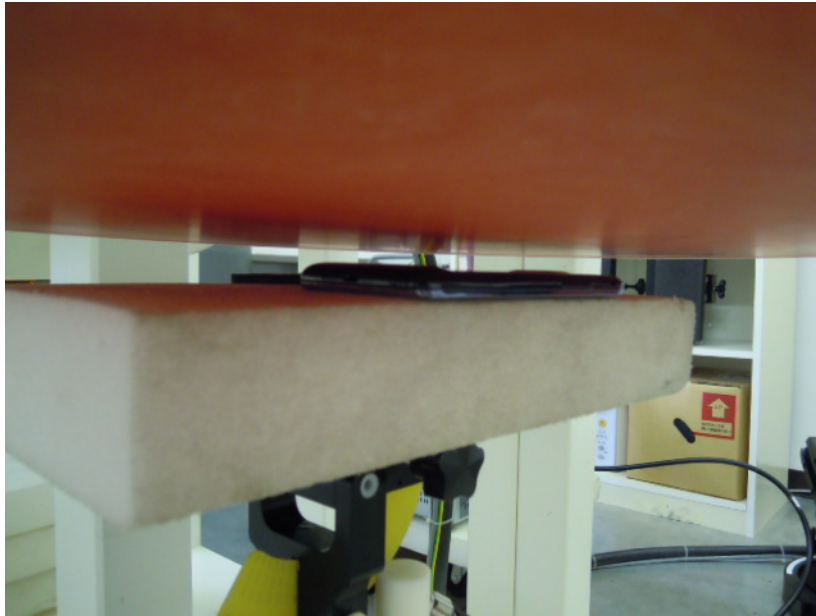
Right Tilt



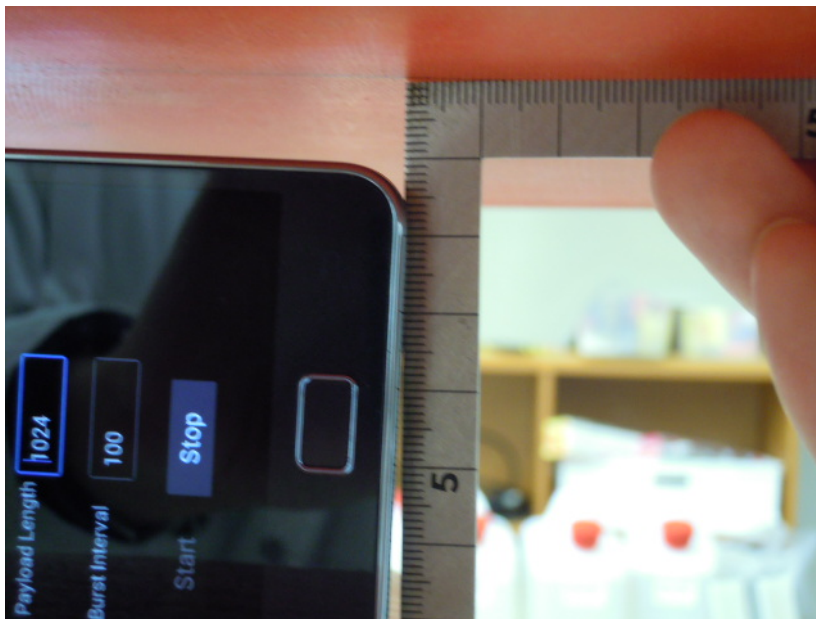
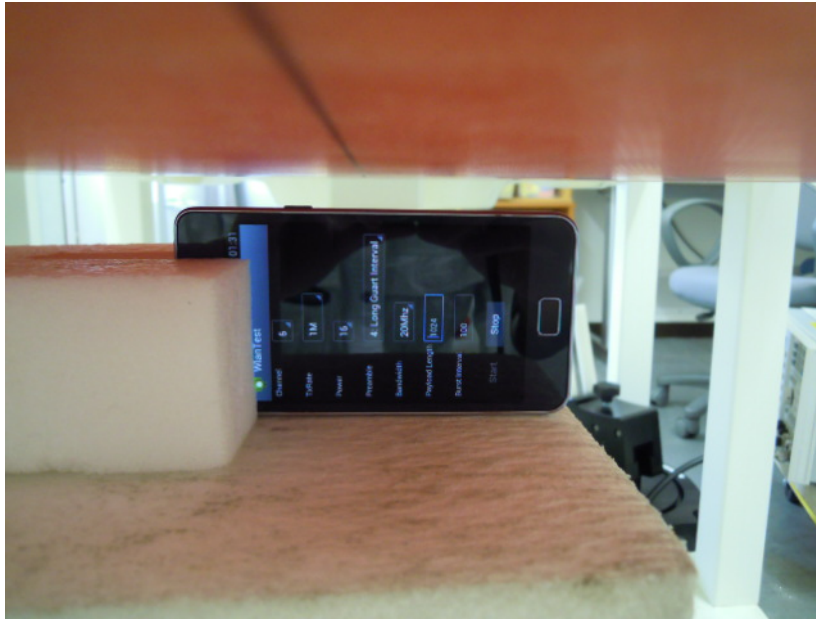
Body Front 10mm (Hotspot mode)



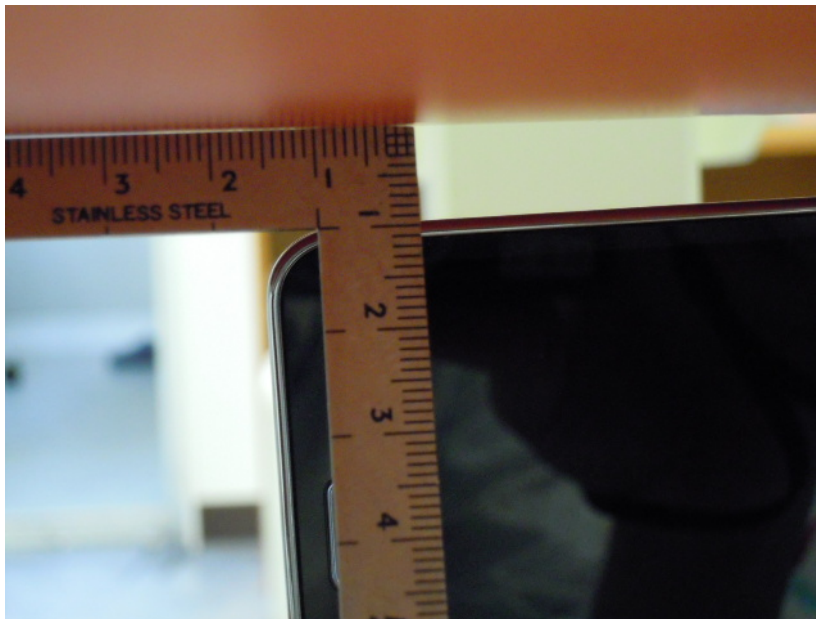
Body Back10mm (Hotspot mode)



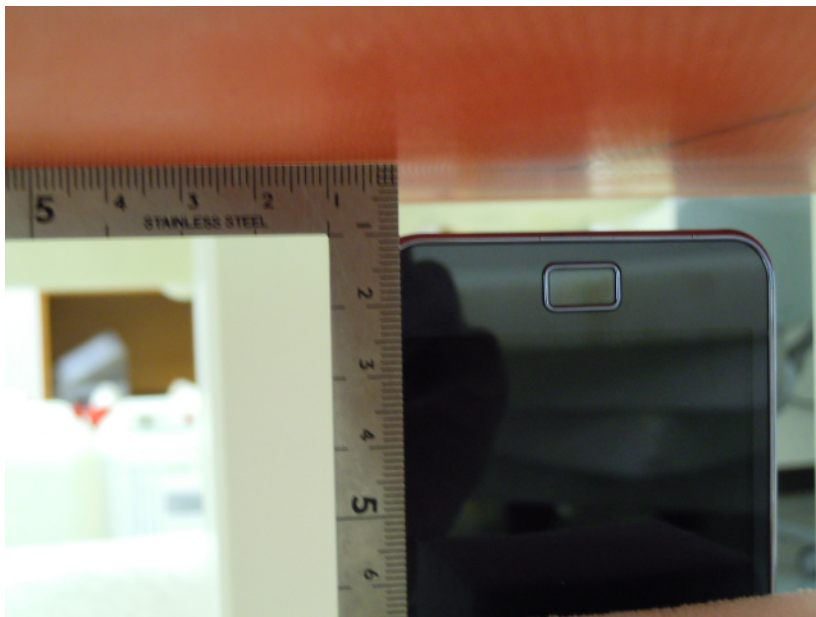
Body Left edge10mm (Hotspot mode)



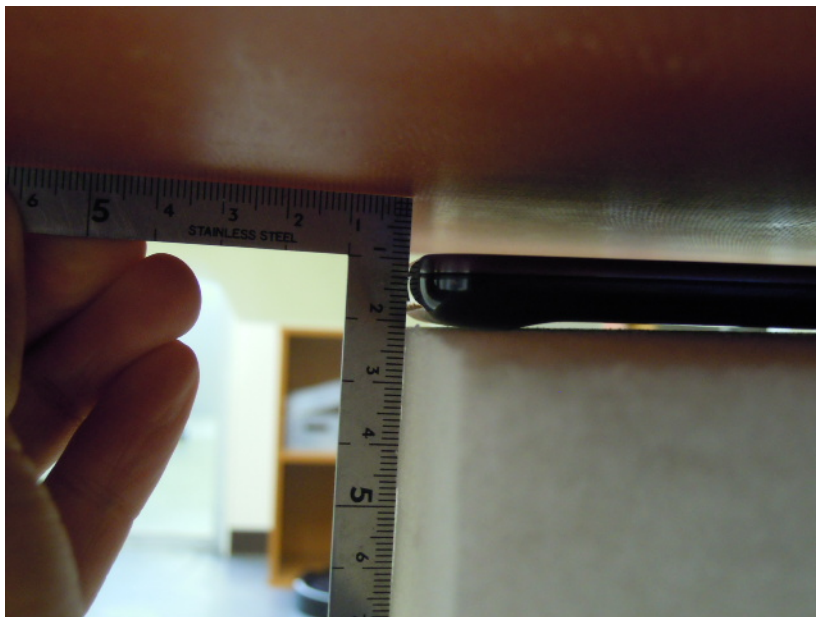
Body Right edge 10mm (Hotspot mode)



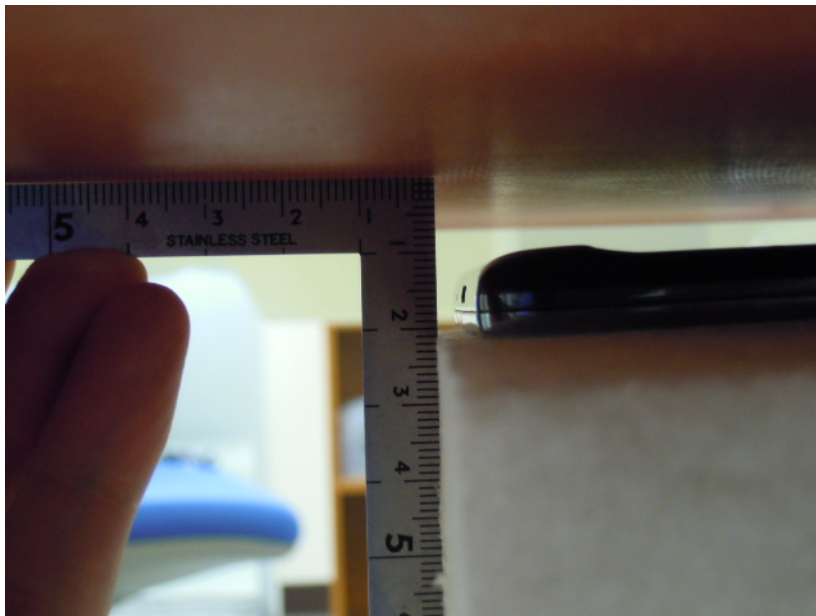
Body Bottom 10mm (Hotspot mode)



Body-Worn Front 10mm



Body-Worn Rear 10mm

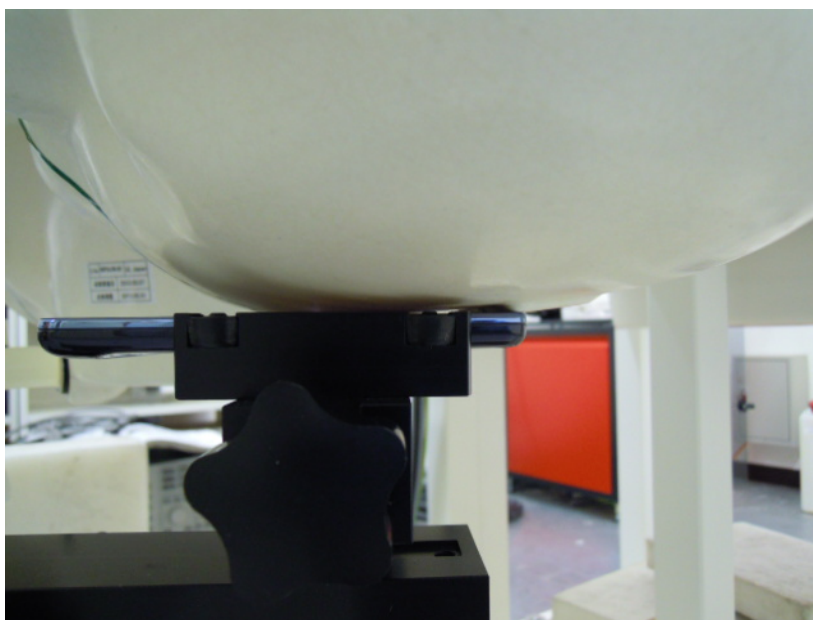
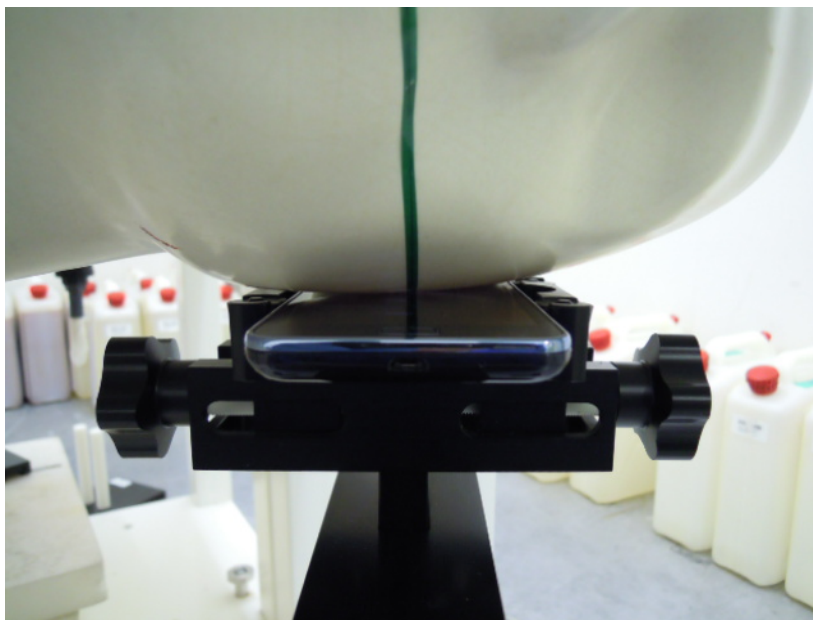


4. Photographs of setup(Model No.: GT-I9105 (FCC ID: A3LGTI9105))

<EUT>

The used model No.: GT-I9105 (FCC ID: A3LGTI9105)

Left Cheek



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Head setup for WLAN

The measurement procedure using a flat phantom according to the KDB648474 D04.

1. Distance provided by the cheek touching position using SAM

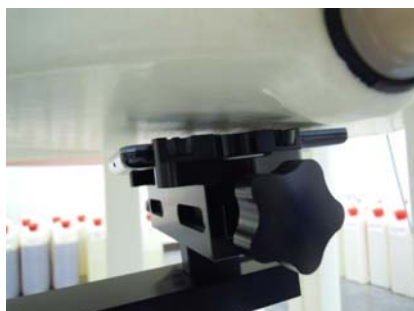
Right Cheek



Min distance :14mm

2. Rectangular shaped phones should be positioned with its bottom edge positioned from the flat phantom with the same distance provided by the cheek touching position using SAM. The ear reference point (ERP, as defined for SAM) of the phone should be positioned 0.4 cm from the flat phantom shell.

WLAN Head at Flat phantom Front (ERP 4mm / Bottom edge 14mm) Close display



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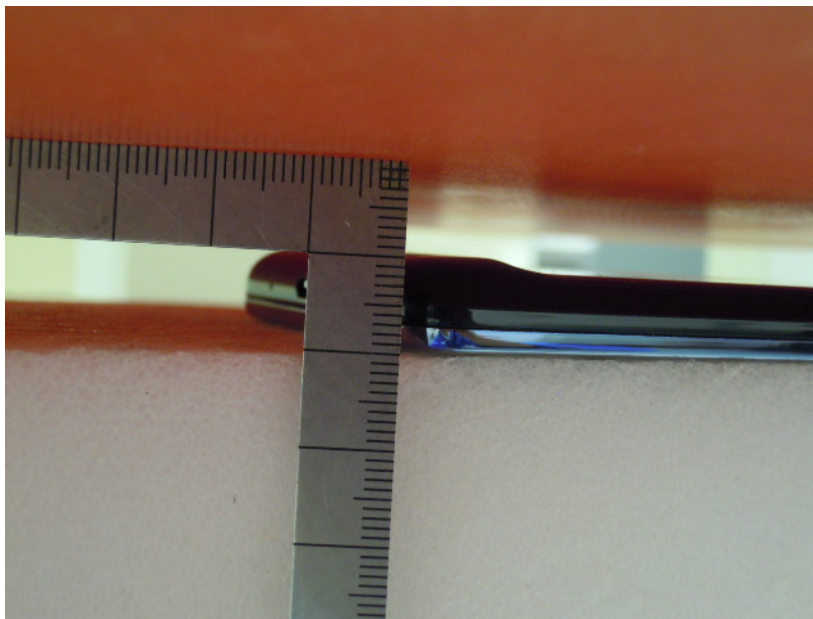
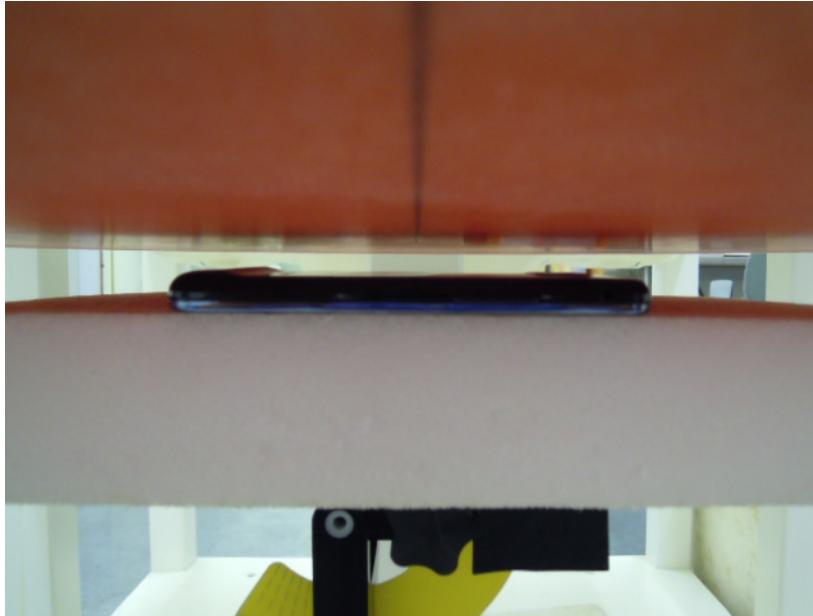
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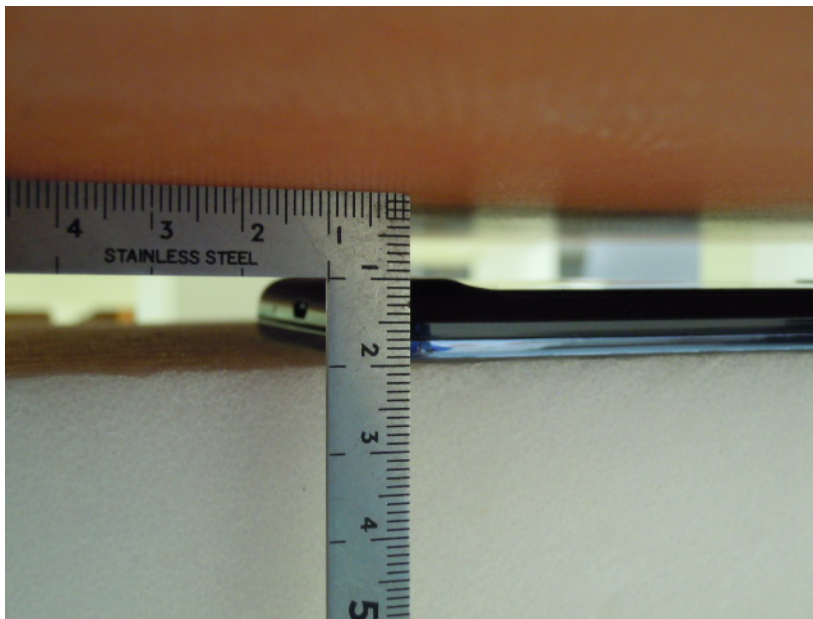
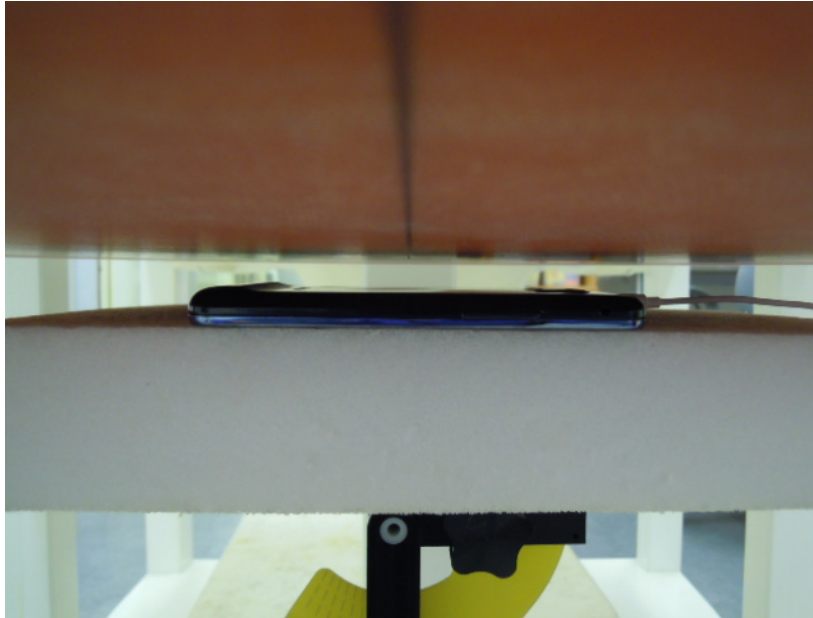
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Body Rear10mm (Hotspot mode)



Body-Worn Rear 10mm



End of Report