

APPENDIX A

Photographs of Test Setup



Fig.1 Photograph of the SAR measurement system

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Photograph of the Tissue Simulant Fluid Liquid (Head)

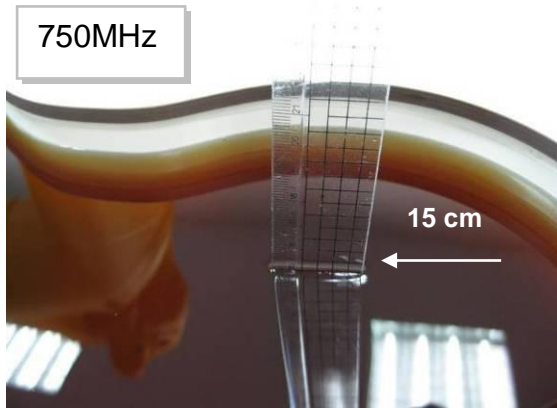


Fig.2.1

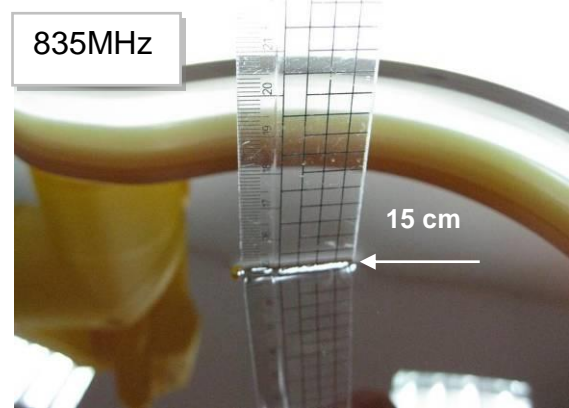


Fig.2.2

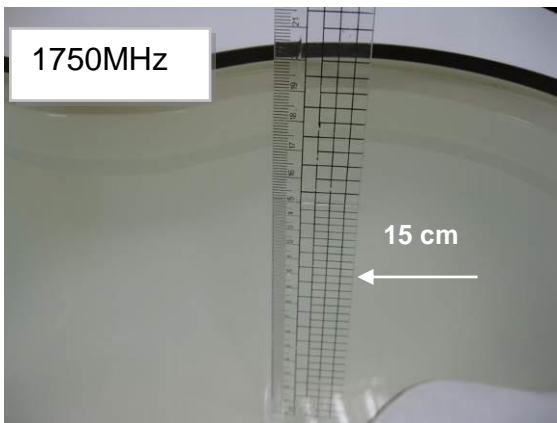


Fig.2.3

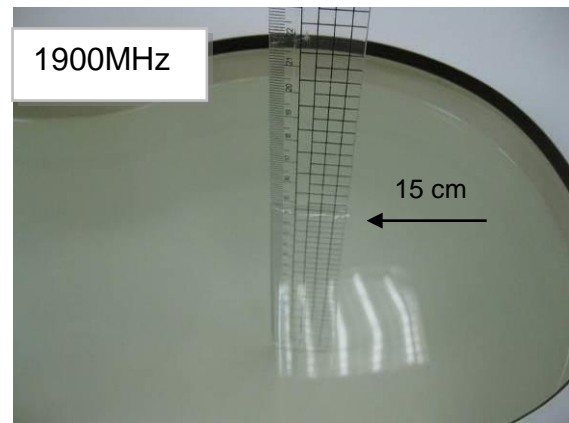


Fig.2.4

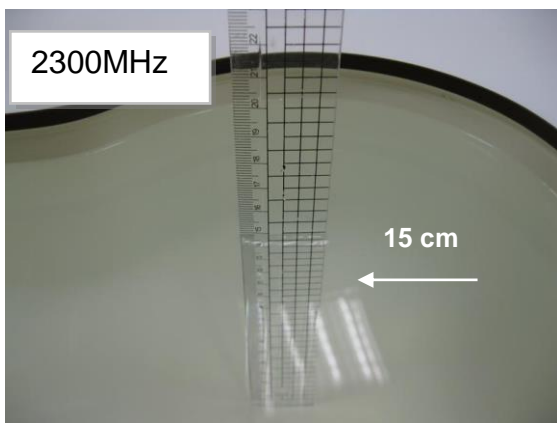


Fig.2.5

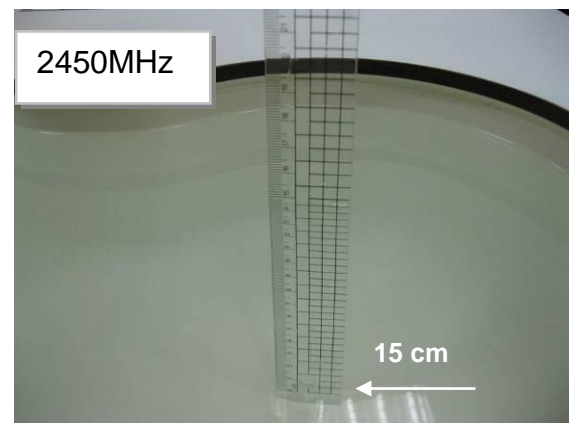


Fig.2.6

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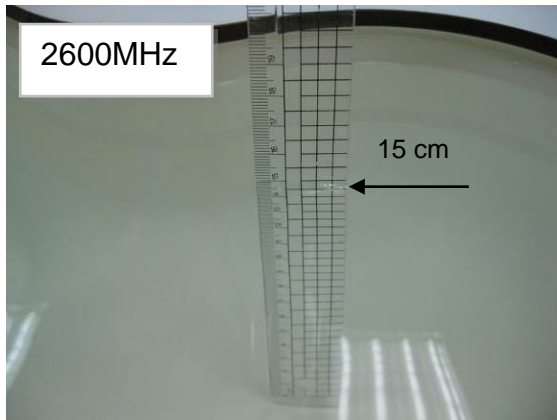


Fig.2.7

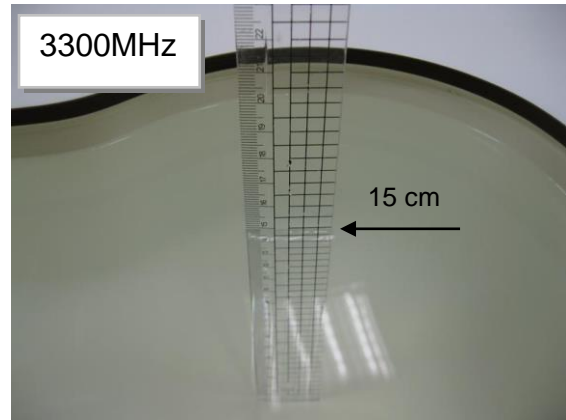


Fig.2.8

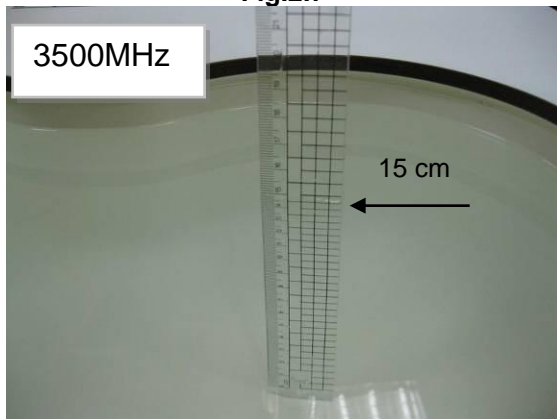


Fig.2.9

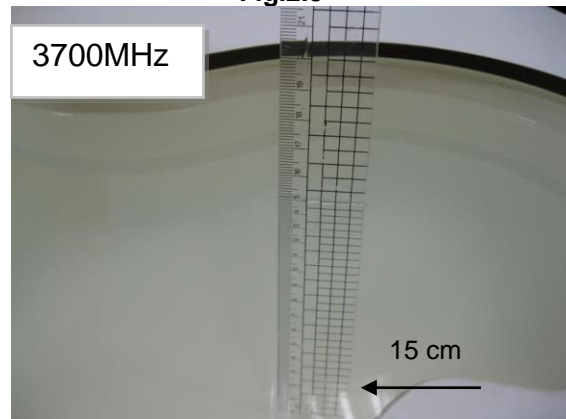


Fig.2.10

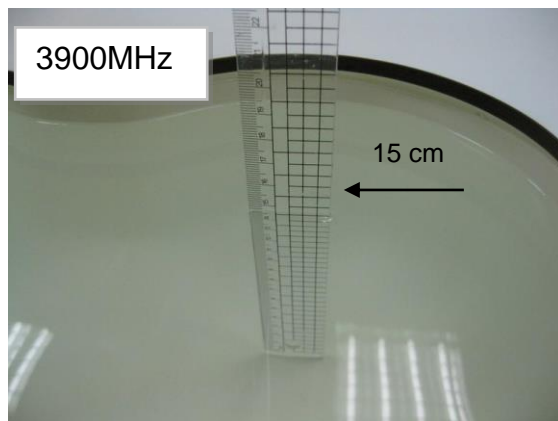


Fig.2.11

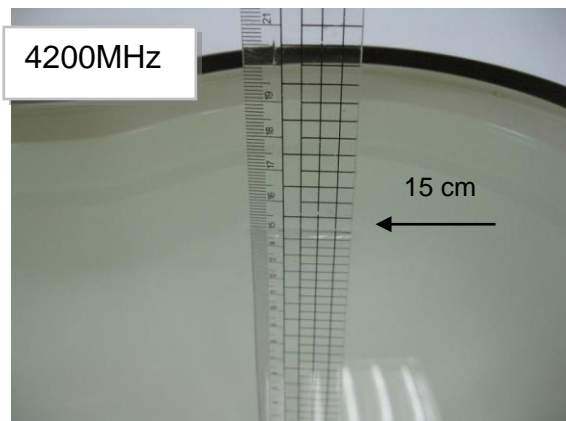


Fig.2.12

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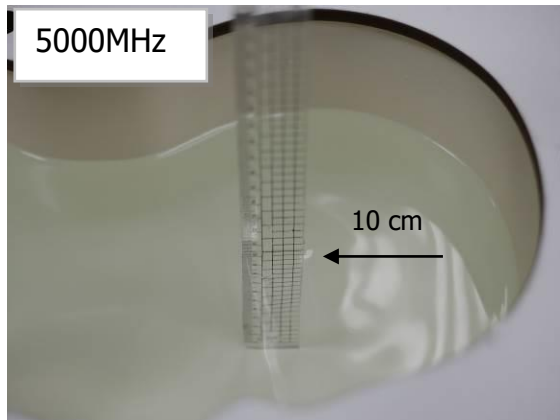


Fig.2.13

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Head Mode



Fig.3 Right Head Section / Cheek-Touch Position

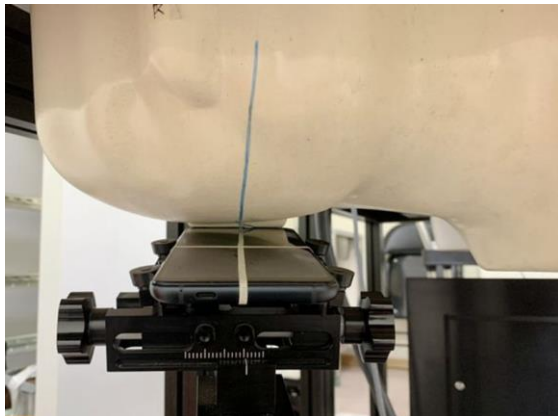
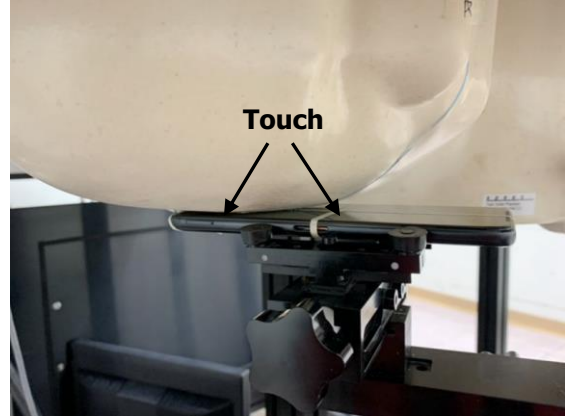


Fig.4 Right Head Section / Ear-Tilt Position(15°)

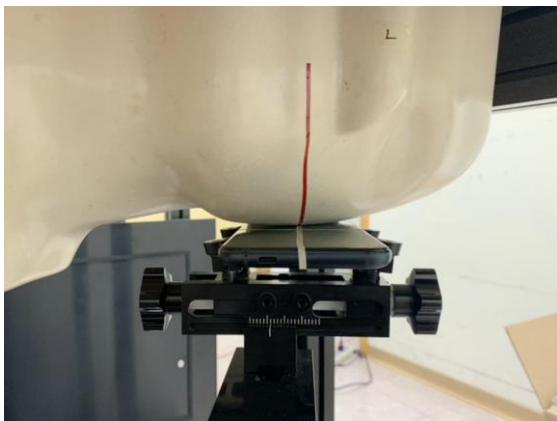
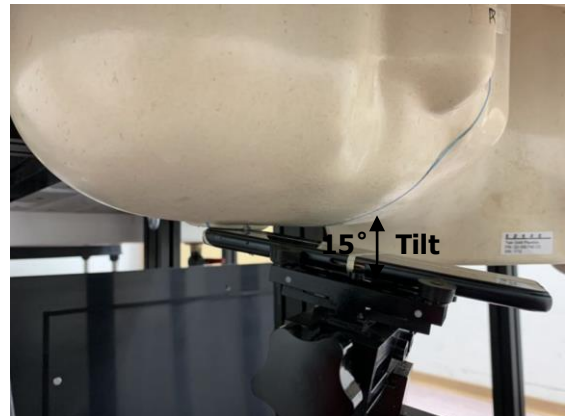
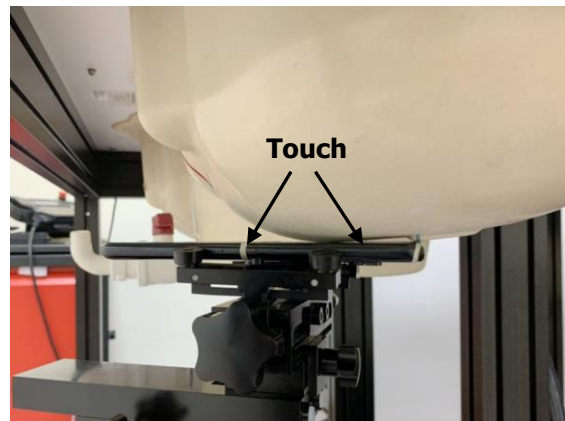


Fig.5 Left Head Section / Cheek-Touch Position



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Head Mode

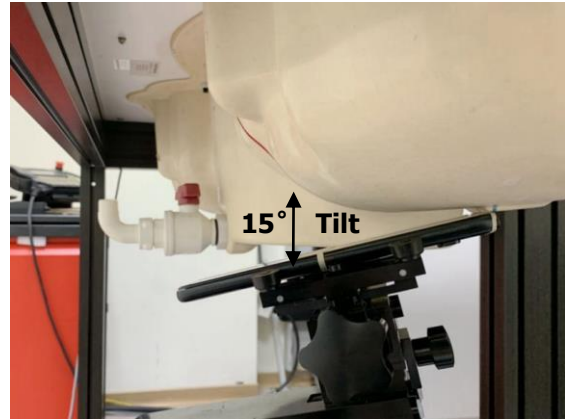
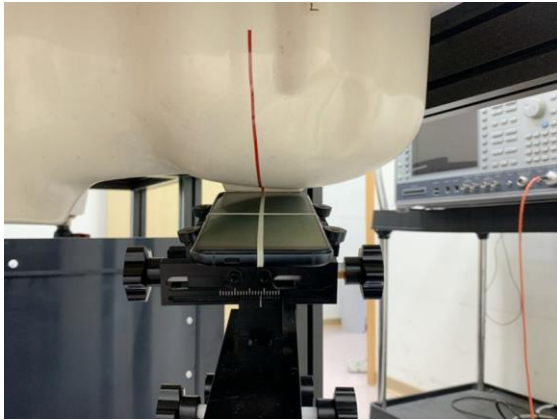


Fig.6 Left Head Section / Ear-Tilt Position(15°)

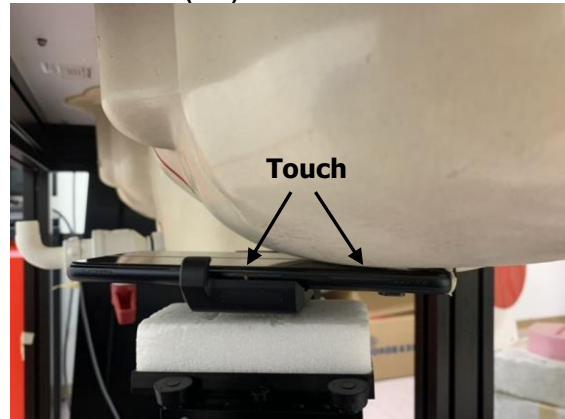


Fig.7 Left Head Section / Cheek-Touch Position (with fan)

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Body worn- distance between flat phantom and mobile phone is 15 mm



Fig.8 EUT Front side to flat phantom



Fig.9 EUT Back side to flat phantom



Fig.10 EUT Back side to flat phantom (with fan)

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Body - distance between flat phantom and EUT is 10 mm

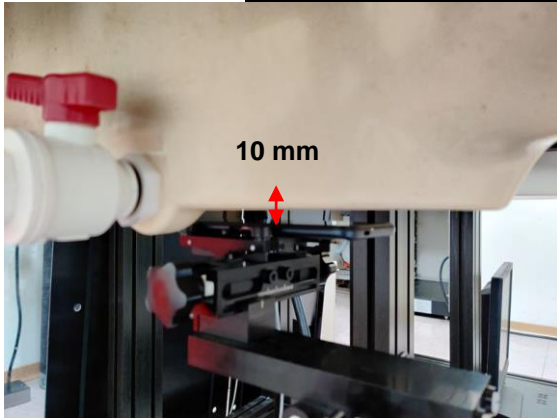


Fig.11 EUT Front side to flat phantom

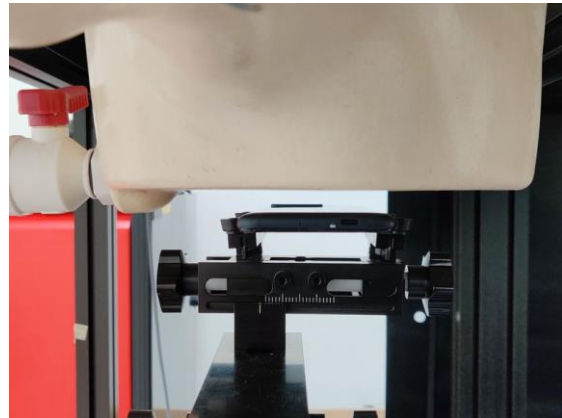
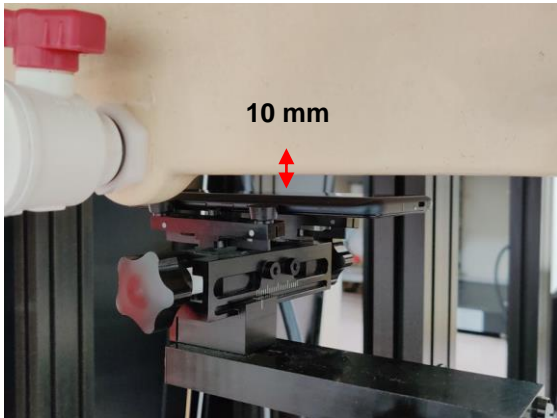


Fig.12 EUT Back side to flat phantom

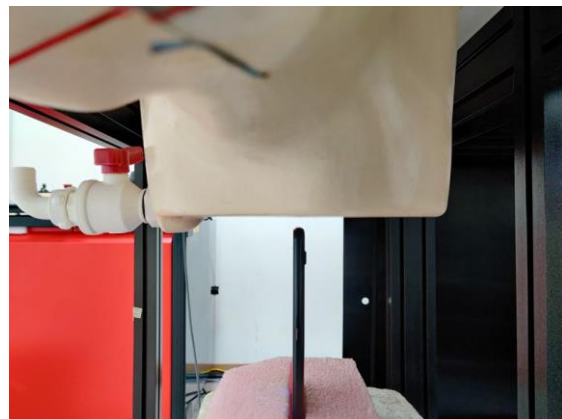


Fig.13 EUT Top side to flat phantom

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Body - distance between flat phantom and EUT is 10 mm

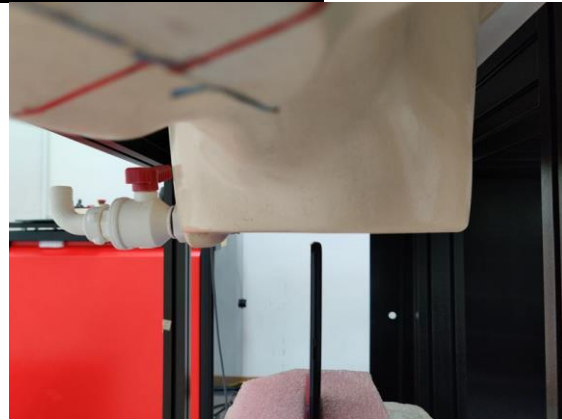
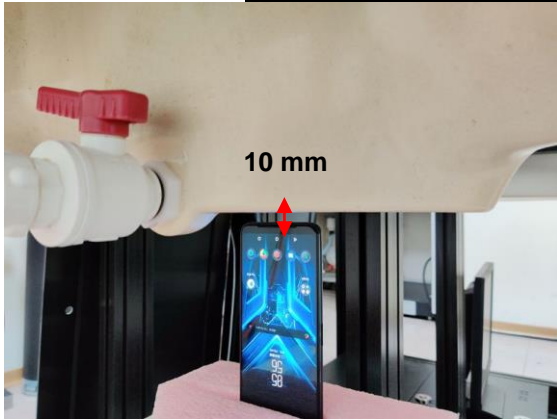


Fig.14 EUT Bottom side to flat phantom

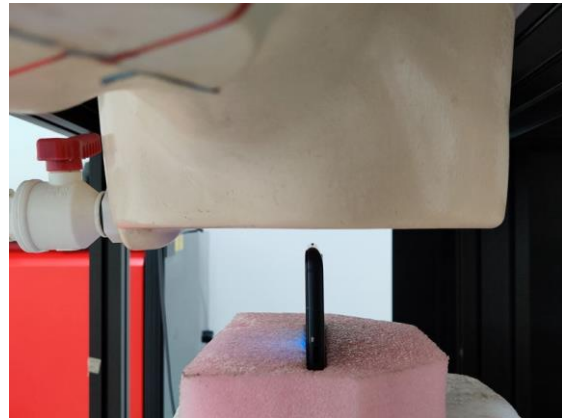
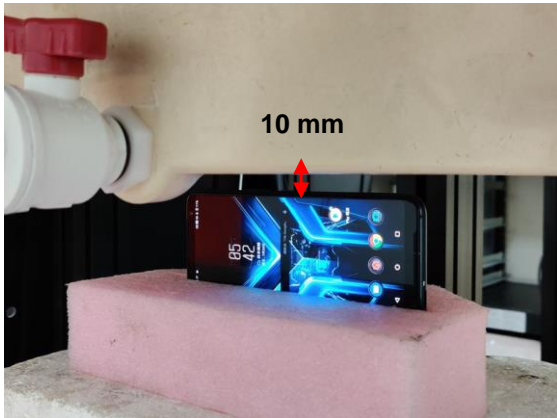


Fig.15 EUT Right side to flat phantom

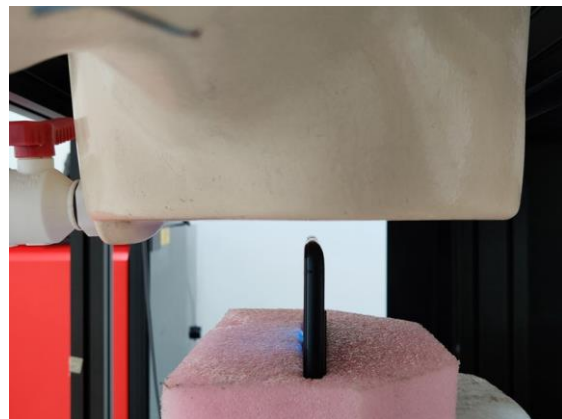
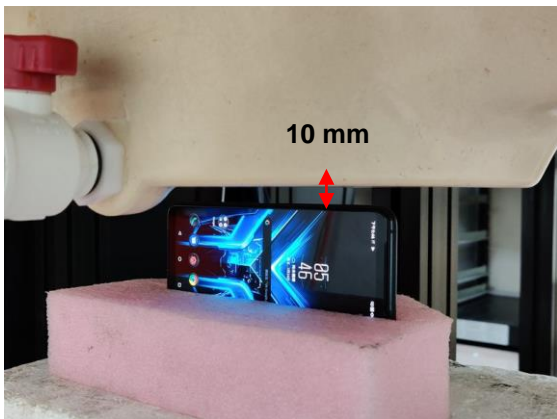


Fig.16 EUT Left side to flat phantom

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Body - distance between flat phantom and EUT is 10 mm



Fig.17 EUT Bottom side to flat phantom (with fan)

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Product specific 10-g SAR - distance between flat phantom and mobile phone is 0 mm



Fig.18 EUT Front side to flat phantom



Fig.19 EUT Back side to flat phantom



Fig.20 EUT Right side to flat phantom

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Product specific 10-g SAR - distance between flat phantom and mobile phone is 0 mm



Fig.21 EUT Top side to flat phantom



Fig.22 EUT Left side to flat phantom



Fig.23 EUT Bottom side to flat phantom

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Product specific 10-g SAR - distance between flat phantom and mobile phone is 0 mm



Fig.24 EUT Back side to flat phantom (with fan)

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Photographs of the EUT



Fig.25 Front view of EUT

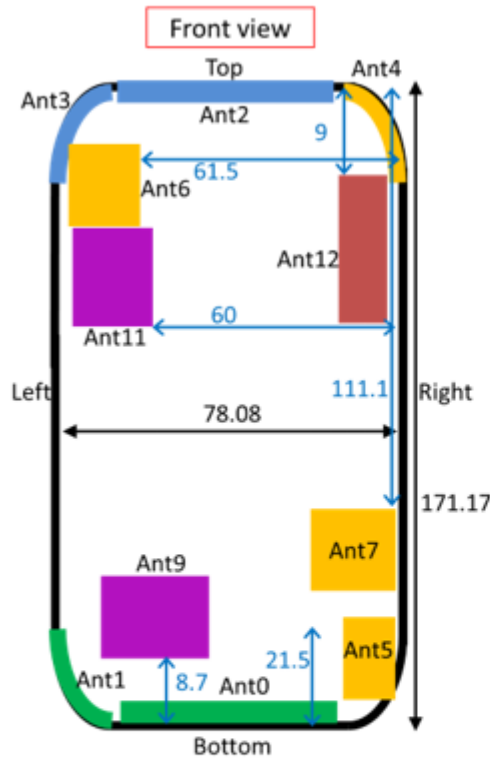


Fig.26 Back view of EUT

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- Ant0: Main Antenna Tx/Rx.
 - GSM 850 MHz.
 - WCDMA Band 5.
 - LTE Band 5/12/13/17/18/19/26/29/71.
 - 5G NR Sub-6G n5/n71.
- Ant1: Main Antenna Tx/Rx.
 - GSM 1900 MHz.
 - WCDMA Band 2/4.
 - LTE Band 2/4/7/25/30/38/41/86.
 - 5G NR Sub-6G n2/n86.
- Ant2: Div. Antenna Tx/Rx.
 - GSM 850 MHz.
 - WCDMA Band 5.
 - LTE Band 5/12/13/17/18/19/26/29/71.
 - 5G NR Sub-6G n5/n71.
- Ant3: Div. Antenna Rx.
 - GSM 1900 MHz.
 - WCDMA Band 2/4.
 - LTE Band 2/4/7/25/30/38/41/86.
 - 5G NR Sub-6G n2/n86.
 - GPS L1.
- Ant4: WIFI Antenna Tx/Rx.
 - 2.4/5 GHz.
- Ant5: WIFI Antenna Tx/Rx.
 - 2.4/5 GHz.
- Ant8: WIFI Antenna Tx/Rx.
 - 2.4/5 GHz.
- Ant7: WIFI Antenna Tx/Rx.
 - 5 GHz.
- Ant9: 5G NR Sub-6G Antenna Tx/Rx.
 - 5G NR Sub-6G n41#0.
- Ant11: 5G NR Sub-6G Antenna Tx/Rx.
 - 5G NR Sub-6G n41.
- Ant12: GPS L5 Antenna Tx/Rx.
 - LTE Band 48.
 - GPS L5.

Remark:

1. The WWAN UAT (at the top side) doesn't support the open loop and ACL tuning.
2. ACL mechanism only implements for the WWAN LAT – Ant0 (which is located at the bottom of the phone). It's only support UMTS, LTE Low band 5G NR Sub-6 low band only.

Fig.27 Antenna position of EUT

- End of Report -

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
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