



No. I22Z62357-SEM12

For

HMD Global Oy

Smartphone

Model Name: TA-1486

With

Hardware Version: V1.00

Software Version: 00WW_1_010_C01

FCC ID: 2AJOTTA-1486

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.

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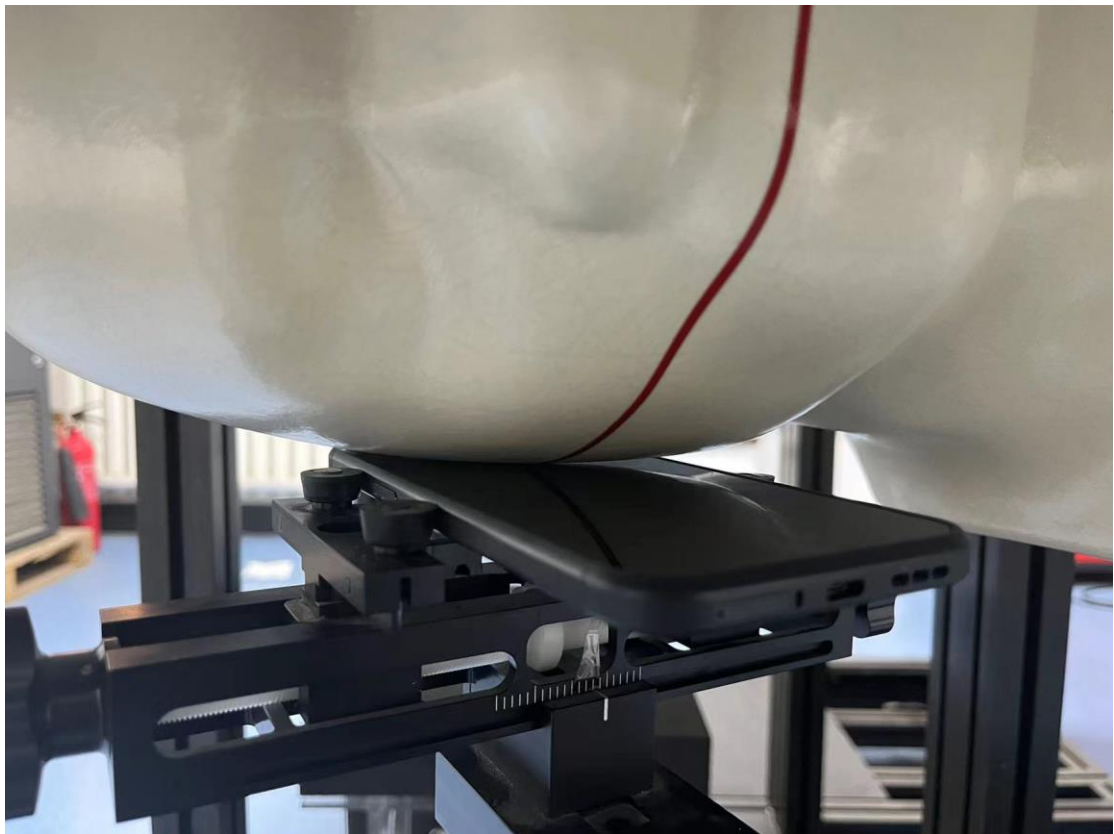
Picture 1: Constituents of the sample



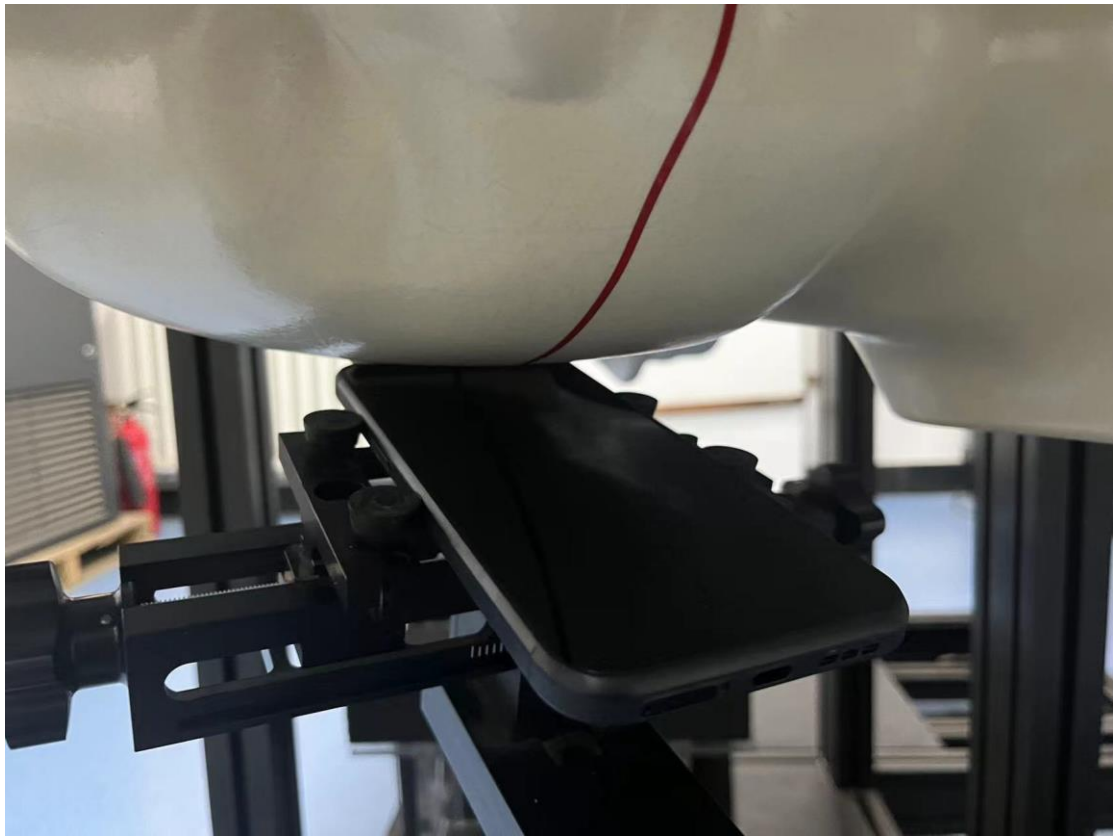
Picture 2: Left Head Touch Cheek Position



Picture 3: Left Head Tilt 15° Position



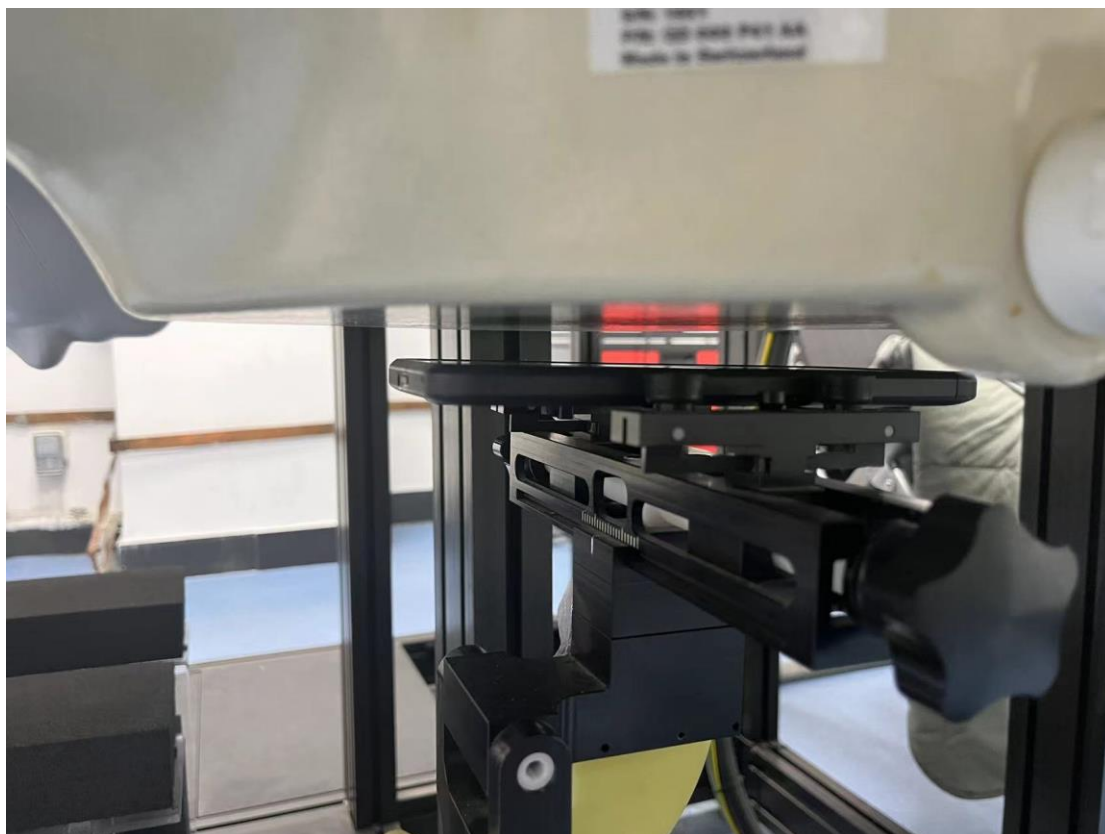
Picture 4: Right Head Touch Cheek Position



Picture 5: Right Head Tilt 15° Position

Test positions for body:

The Body SAR is tested at the following 6 test positions all with the distance =10mm between the EUT and the phantom bottom:



Picture 6: Front 10mm



Picture 7: Rear 10mm



Picture 8: Left 10mm



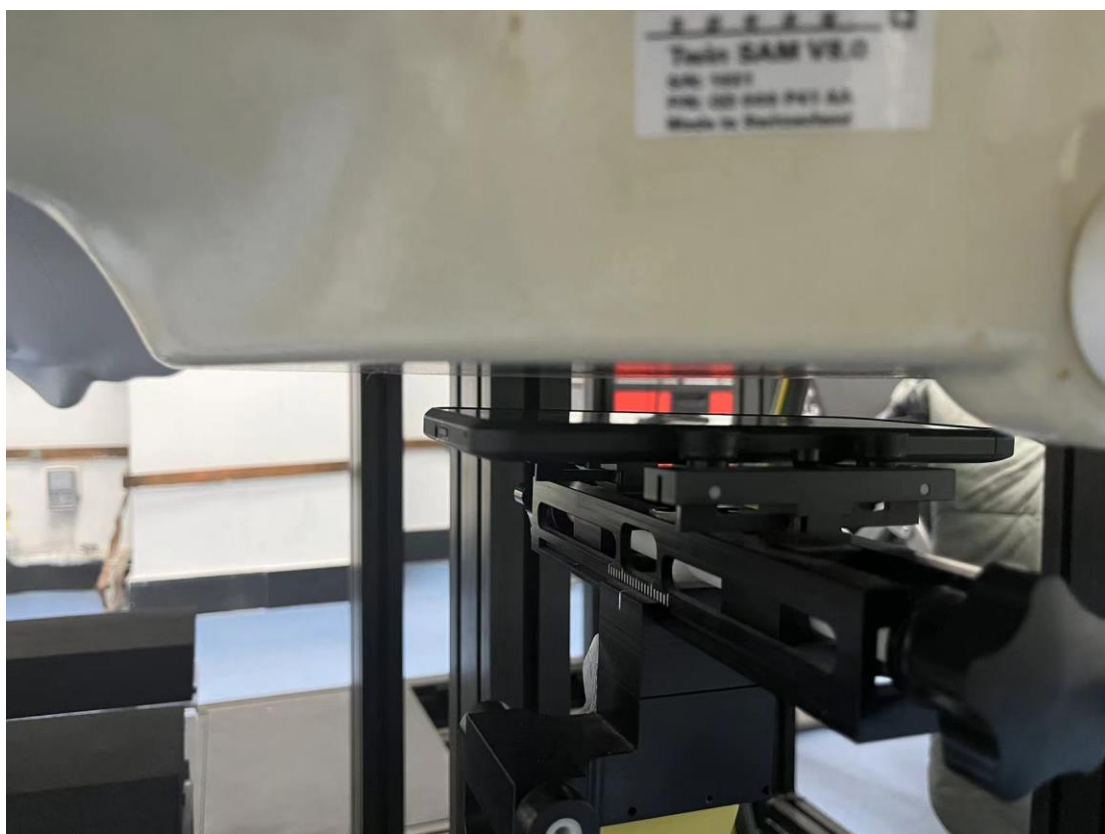
Picture 9: Right 10mm



Picture 10: Top 10mm



Picture 11: Bottom 10mm



Picture 12: Front 15mm

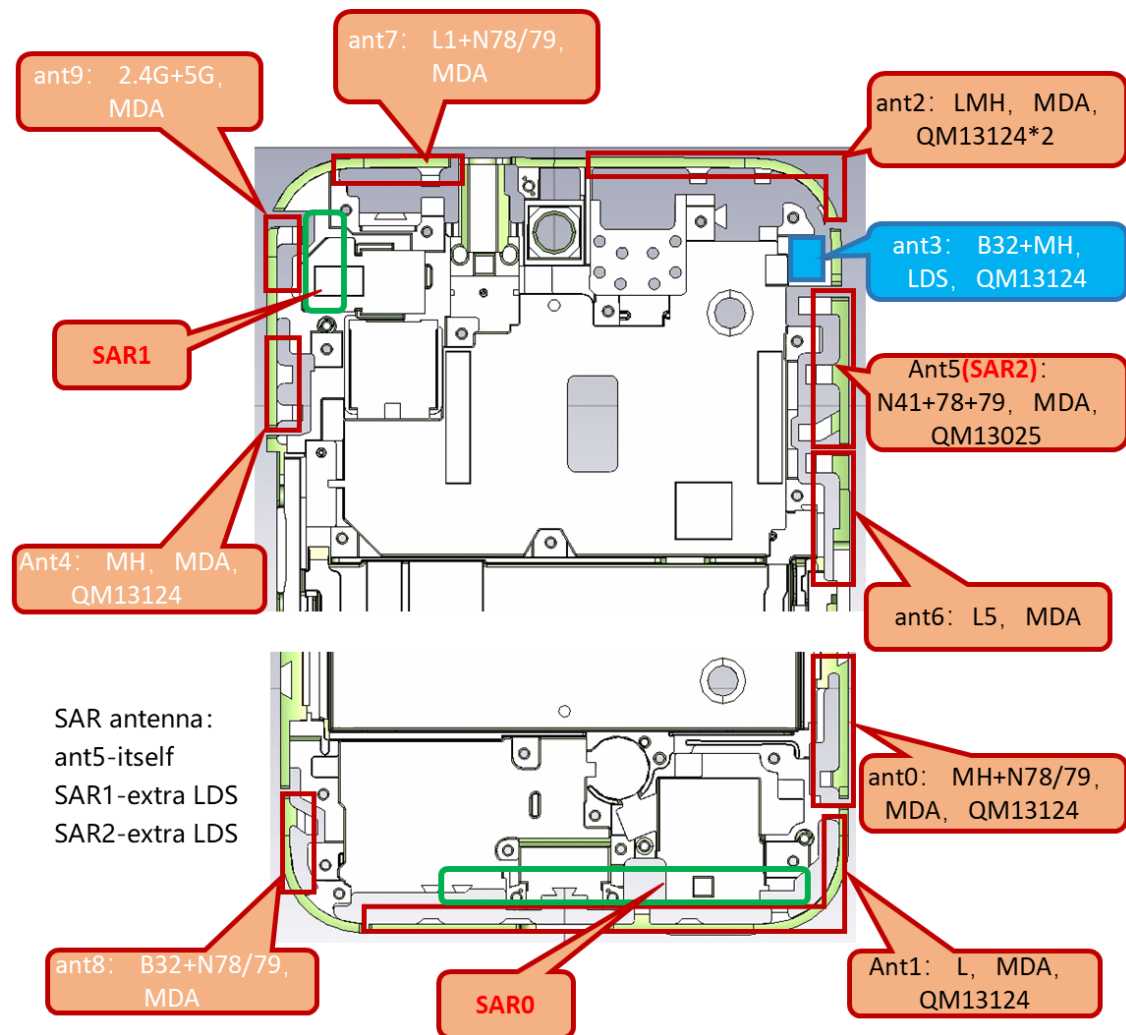


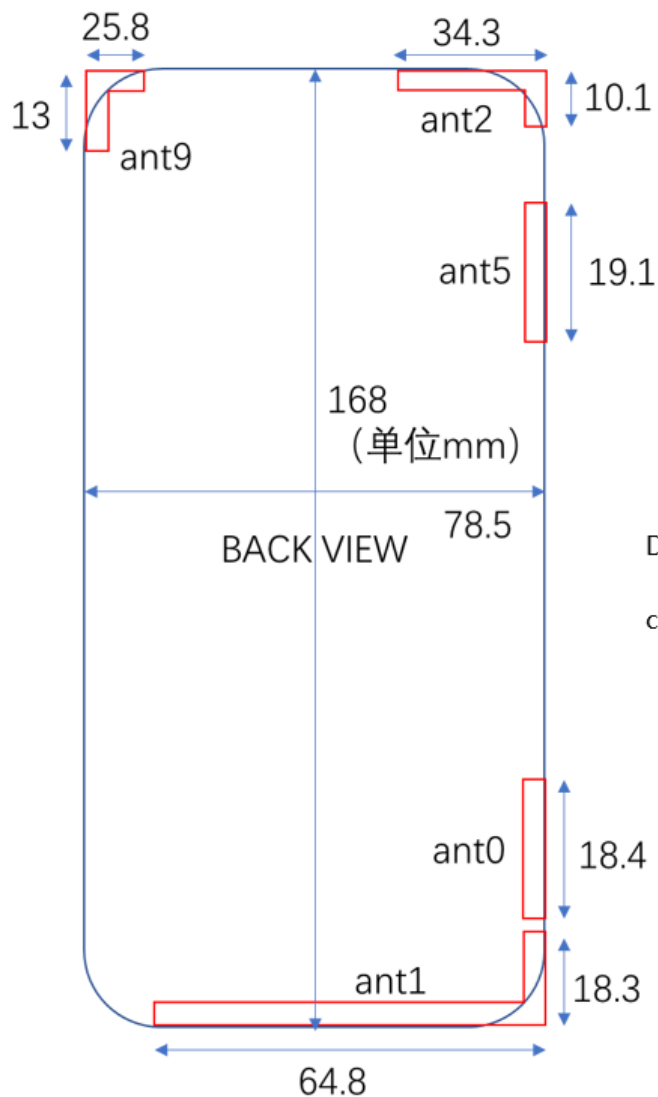
Picture 13: Rear 14mm



Picture 14: Left 21mm

Transmit Antenna Separation Distances





Distance between ANT and surface of the case is: 1.8mm±

All of implementation antenna:

ANT0: GSM1800/1900+WCDMA B1/2/4+LTE

B1/2/3/4/7/25/66/38/39/40/41/42/43/48+NR N1/2/3/7/25/66/38/40/41/48/77

(1710~2170,2300~2400,2496~2690 ,3300~4200MHz) **TX&RX**

ANT1: GSM850/900+WCDMA B5/8+LTE B5/8/12/13/17/20/26/28/71+NR

N5/8/20/28/71 (617~960MHz) **TX&RX**

ANT2: GSM850/900/1800/1900+WCDMA B1/2/4/5/8+LTE

B1/2/3/4/5/7/8/12/13/17/20/25/26/28/38/39/40/41/66/71+NR

N1/2/3/5/7/8/20/25/28/38/40/41/66/71 (617~960,1710~2170,2300~2400,2496~2690 MHz) **TX&RX**

ANT3: LTE B1/2/3/4/7/25/32/38/39/40/41/66+NR N1/2/3/7/25/38/40/41/66

(1452~1496,1710~2170,2300~2400,2496~2690 MHz) **RX**

ANT4: LTE B1/2/3/4/7/25/38/39/40/41/66+NR N1/2/3/7/25/38/40/41/66

(1710~2170,2300~2400,2496~2690 MHz) **RX**

ANT5: NR N38/41/42/43/48/77/78/79 (2496~2690,3300~4200 MHz) **TX&RX**

ANT6: GPS L5 (1176.45MHz) **RX**

ANT7: GPS L1+NR N42/43/48/77/78/79 (1575.42, 3300~4200 MHz) RX

ANT8: LTE B32+NR N42/43/48/77/78/79 (1452~1496,3300~4200 MHz) RX

ANT9: BT/WIFI 2.4G+WIFI 5G (2400~2500, 5150~5850 MHz) **TX&RX**

Mode	Band	TX0	TX1	TX2	TX3	RX0(Prx)	RX1(Drx)	RX2(PMr)	RX3(DMr)	4x4 MIMO mandato
GSM	GSM850	ANT1	ANT2	\	\	ANT1	ANT2	\	\	
	GSM900			\	\			\	\	
	DCS1800	ANT2	ANT0	\	\	ANT2	ANT0	\	\	
	PCS1900			\	\			\	\	
WCDMA	B1	ANT2	ANT0	\	\	ANT2	ANT0	\	\	
	B2			\	\			\	\	
	B4			\	\			\	\	
	B5	ANT1	ANT2	\	\	ANT1	ANT2	\	\	
	B8			\	\			\	\	
LTE FDD	B1	ANT2	ANT0	\	\	ANT2	ANT0	ANT3	ANT4	YES
	B2			\	\					YES
	B3			\	\					YES
	B4			\	\					
	B5	ANT1	ANT2	\	\	ANT1	ANT2	\	\	
	B7	ANT2	ANT0	\	\	ANT2	ANT0	ANT3	ANT4	YES
	B8			\	\			\	\	
	B12	ANT1	ANT2	\	\	ANT1	ANT2	\	\	
	B17			\	\			\	\	
	B13			\	\			\	\	
	B20			\	\			\	\	
	B25	ANT2	ANT0	\	\	ANT2	ANT0	ANT3	ANT4	YES
	B26	ANT1	ANT2	\	\	ANT1	ANT2	\	\	
	B28			\	\			\	\	
	B66	ANT2	ANT0	\	\	ANT2	ANT0	ANT3	ANT4	YES
	B71	ANT1	ANT2	\	\	ANT1	ANT2	\	\	
LTE FDD-RX	B32	\	\	\	\	ANT3	ANT8	\	\	
TD-LTE	B38	ANT2	ANT0	\	\	ANT2	ANT0	ANT3	ANT4	YES
	B39			\	\			\	\	
	B40			\	\			ANT3	ANT4	
	B41-HPUE			\	\					YES
	B42			\	\					YES
	B43	ANT5	ANT0	\	\	ANT5	ANT0	ANT8	ANT7	YES
NR-TDD	B48			\	\					YES
	N77	ANT5	ANT0	\	\	ANT5	ANT0	ANT8	ANT7	YES
	N78-HPUE			\	\					
	N79-HPUE			\	\					
	N48			\	\					
	N38	ANT5		\	\	ANT5				
NR-FDD	N40	ANT2		\	\	ANT2		ANT3	ANT4	
	N41-HPUE	ANT5		\	\	ANT5				
	N1	ANT2	ANT0	\	\	ANT2	ANT0	ANT3	ANT4	
	N2			\	\					
	N3			\	\					
	N5	ANT1	ANT2	\	\	ANT1	ANT2	\	\	
	N7	ANT2	ANT0	\	\	ANT2	ANT0	ANT3	ANT4	
	N8			\	\			\	\	
	N20	ANT1	ANT2	\	\	ANT1	ANT2	\	\	
	N28			\	\			\	\	
	N25	ANT2	ANT0	\	\	ANT2	ANT0	ANT3	ANT4	
GPS RX	L1	\	\	\	\	ANT7	\	\	\	
	L5	\	\	\	\	ANT6	\	\	\	
WIFI	2.4G/5G	ANT9	\	\	\	ANT9	\	\	\	
BT	2.4G	ANT9	\	\	\	ANT9	\	\	\	

Picture 15 Antenna Locations