Above 1GHz

Test Mode:	Transmitting Mode

Low Channel (2412 MHz) (b mode worst case)

Frequency (MHz)	S.A. Reading (dBµV)	Detector (PK/AV)	Polarity (H/V)	Ant. Factor (dB/m)	Cable Loss (dB)	Pre-Amp. Gain (dB)	Cord Amp. (dBµV/m)	Limit (dBµV/m)	Margin (dB)
4824	39.66	AV	V	33.8	6.86	32.69	47.63	54	-6.37
4824	38.87	AV	H	33.8	6.86	32.69	46.84	54	-7.16
4824	48.59	PK	V	33.8	6.86	32.69	56.56	74	-17.44
4824	47.91	PK	H	33.8	6.86	32.69	55.88	74	-18.12
17899	24.15	AV	V	45.12	11.57	32.11	48.73	54	-5.27
17899	23.23	AV	H	45.12	11.57	32.11	47.81	54	-6.19
17899	40.11	PK	V	45.12	11.57	32.11	64.69	74	-9.31
17899	39.74	PK	H	45.12	11.57	32.11	64.32	74	-9.68

Middle Channel (2437 MHz) (b mode worst case)

Frequency (MHz)	S.A. Reading (dBµV)	Detector (PK/AV)	Polarity (H/V)	Ant. Factor (dB/m)	Cable Loss (dB)	Pre-Amp. Gain (dB)	Cord Amp. (dBµV/m)	Limit (dBµV/m)	Margin (dB)
4874	38.95	AV	V	33.6	6.82	32.71	46.66	54	-7.34
4874	39.68	AV	H	33.6	6.82	32.71	47.39	54	-6.61
4874	48.34	PK	V	33.6	6.82	32.71	56.05	74	-17.95
4874	48.26	PK	H	33.6	6.82	32.71	55.97	74	-18.03
17923	24.41	AV	V	45.17	11.63	32.18	49.03	54	-4.97
17923	23.05	AV	H	45.17	11.63	32.18	47.67	54	-6.33
17923	40.17	PK	V	45.17	11.63	32.18	64.79	74	-9.21
17923	39.88	PK	H	45.17	11.63	32.18	64.5	74	-9.5

High Channel (2462 MHz) (b mode worst case)

Frequency (MHz)	S.A. Reading (dBμV)	Detector (PK/AV)	Polarity (H/V)	Ant. Factor (dB/m)	Cable Loss (dB)	Pre-Amp. Gain (dB)	Cord Amp. (dBμV/m)	Limit (dBμV/m)	Margin (dB)
4924	39.33	AV	V	33.83	6.95	32.79	47.32	54	-6.68
4924	39.45	AV	H	33.83	6.95	32.79	47.44	54	-6.56
4924	47.59	PK	V	33.83	6.95	32.79	55.58	74	-18.42
4924	48.27	PK	H	33.83	6.95	32.79	56.26	74	-17.74
17919	23.34	AV	V	45.19	11.61	32.24	47.9	54	-6.1
17919	23.85	AV	H	45.19	11.61	32.24	48.41	54	-5.59
17919	40.46	PK	V	45.19	11.61	32.24	65.02	74	-8.98
17919	39.79	PK	H	45.19	11.61	32.24	64.35	74	-9.65

Note:

*1, The testing has been conformed to 10*2462MHz=24,620MHz*

2, All other emissions more than 30 dB below the limit

3, X-Axis, Y-Axis and Z-Axis were investigated. The results above show only the worst case.

Annex A. TEST INSTRUMENT

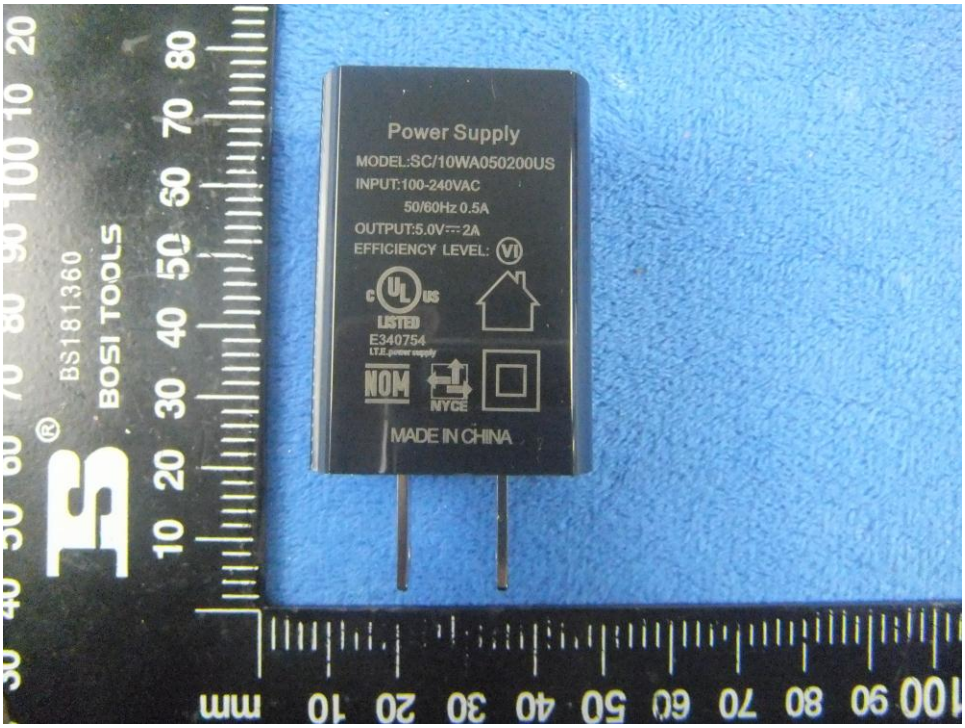
Instrument	Model	Serial #	Cal Date	Cal Due	In use
AC Line Conducted					
EMI test receiver	ESCS30	8471241027	09/16/2016	09/15/2017	☑
Line Impedance	LI-125A	191106	09/24/2016	09/23/2017	☑
Line Impedance	LI-125A	191107	09/24/2016	09/23/2017	☑
LISN	ISN T800	34373	09/24/2016	09/23/2017	☑
Double Ridge Horn Antenna (1 ~18GHz)	AH-118	71283	09/23/2016	09/22/2017	☑
Transient Limiter	LIT-153	531118	08/31/2016	08/30/2017	☑
RF conducted test					
Agilent ESA-E SERIES	E4407B	MY45108319	09/16/2016	09/15/2017	☑
Power Splitter	1#	1#	08/31/2016	08/30/2017	☑
DC Power Supply	E3640A	MY40004013	09/16/2016	09/15/2017	☑
Radiated Emissions					
EMI test receiver	ESL6	100262	09/16/2016	09/15/2017	☑
Positioning Controller	UC3000	MF780208282	11/18/2016	11/17/2017	☑
OPT 010 AMPLIFIER (0.1-1300MHz)	8447E	2727A02430	08/31/2016	08/30/2017	☑
Microwave Preamplifier (1 ~ 26.5GHz)	8449B	3008A02402	03/24/2016	03/23/2017	☑
Bilog Antenna (30MHz~6GHz)	JB6	A110712	09/20/2016	09/19/2017	☑
Double Ridge Horn Antenna (1 ~18GHz)	AH-118	71283	09/23/2016	09/22/2017	☑
Universal Radio Communication Tester	CMU200	121393	09/24/2016	09/23/2017	☑

Annex B. EUT and Test Setup Photographs

Annex B.i. Photograph: EUT External Photo

Whole Package View

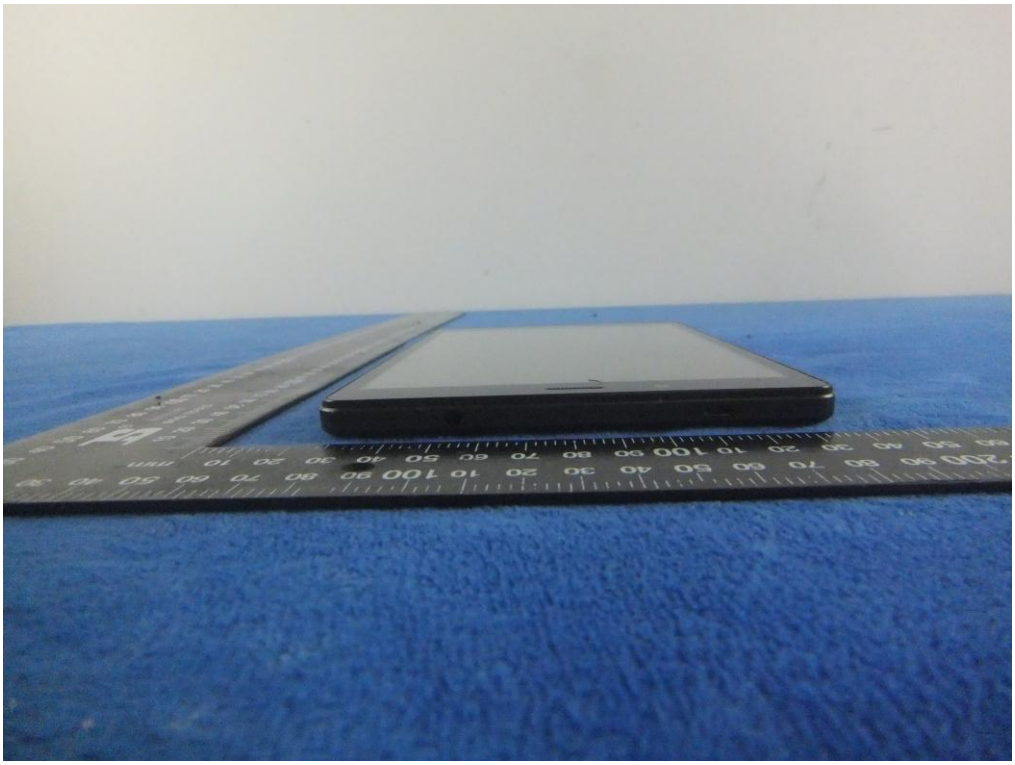
Adapter - Lable View



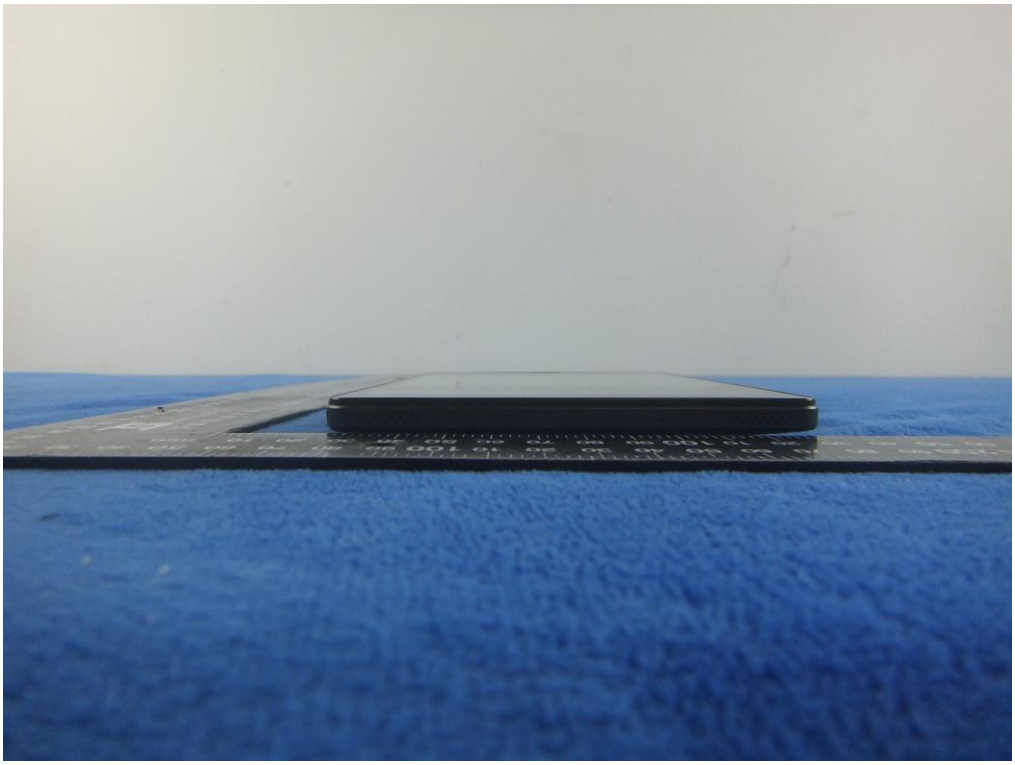
EUT - Front View

EUT - Rear View

EUT - Top View

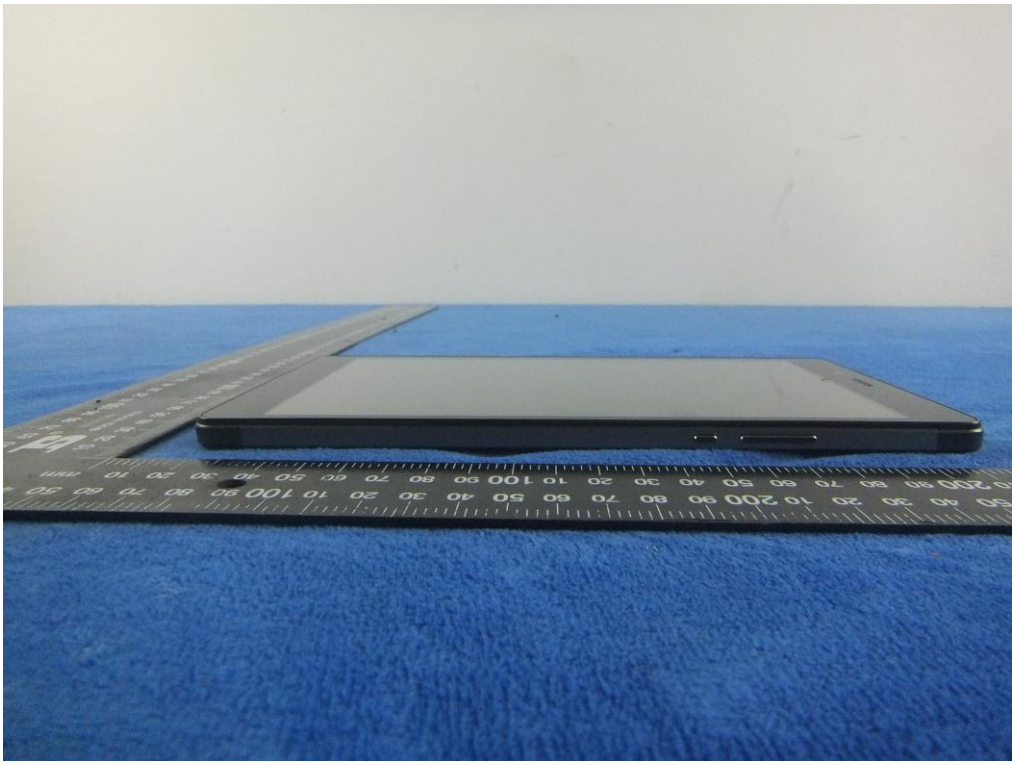


EUT - Bottom View



EUT - Left View

EUT - Right View

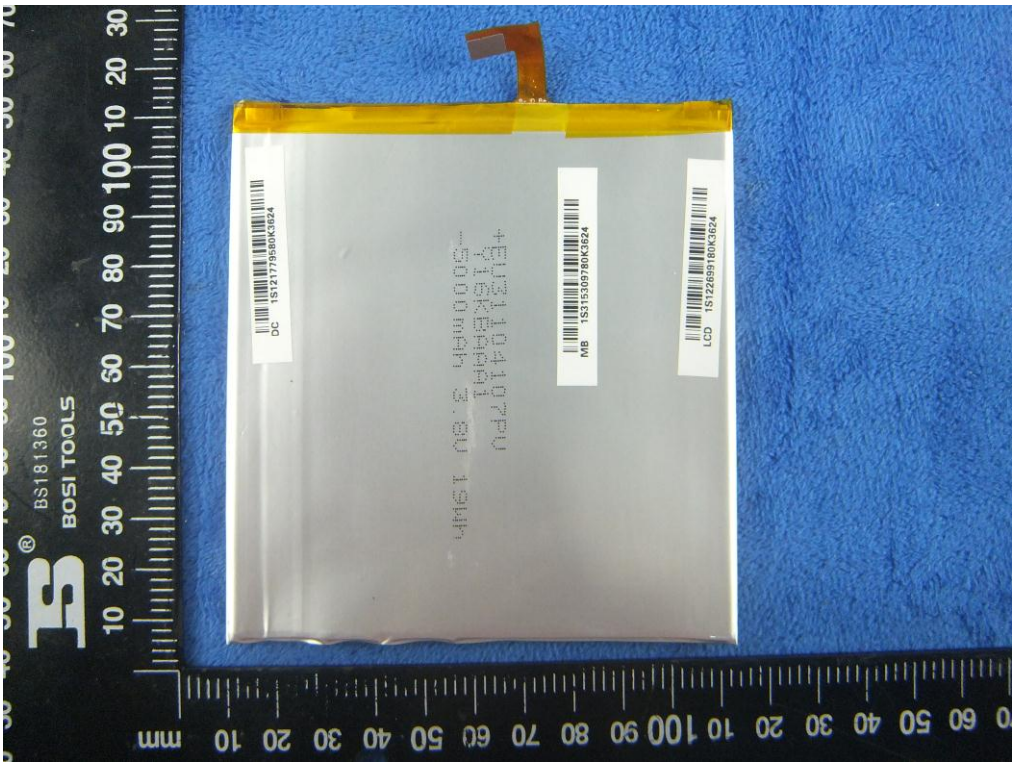


Annex B.ii. Photograph: EUT Internal Photo

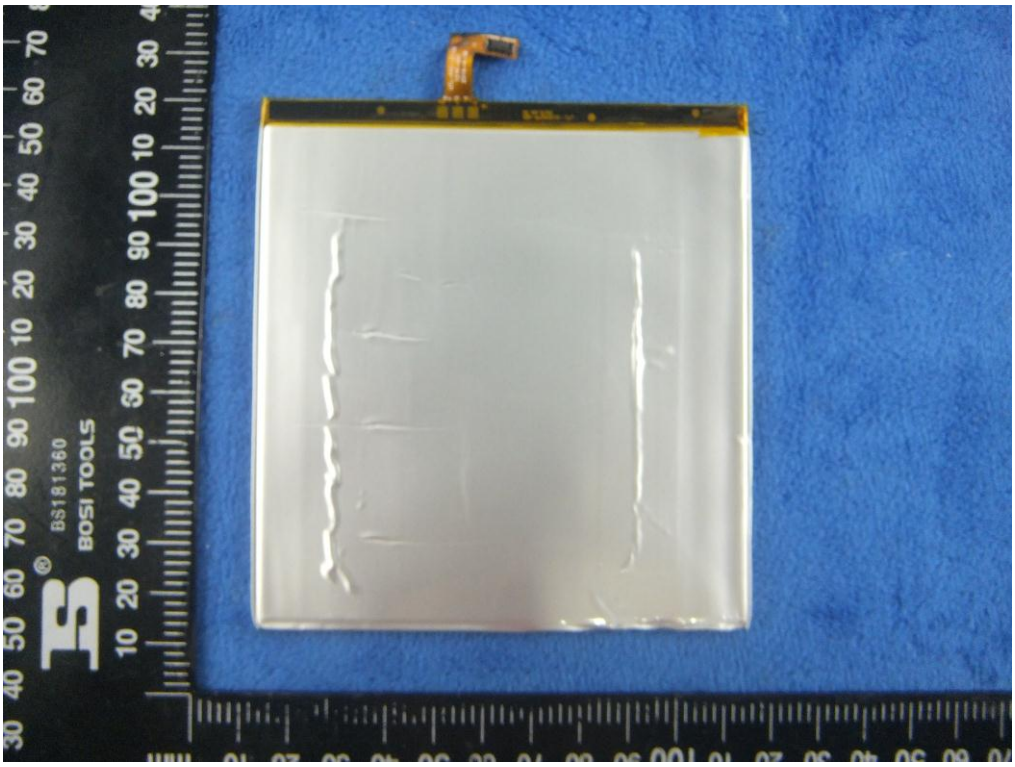
Cover Off - Top View 1

Cover Off - Top View 2

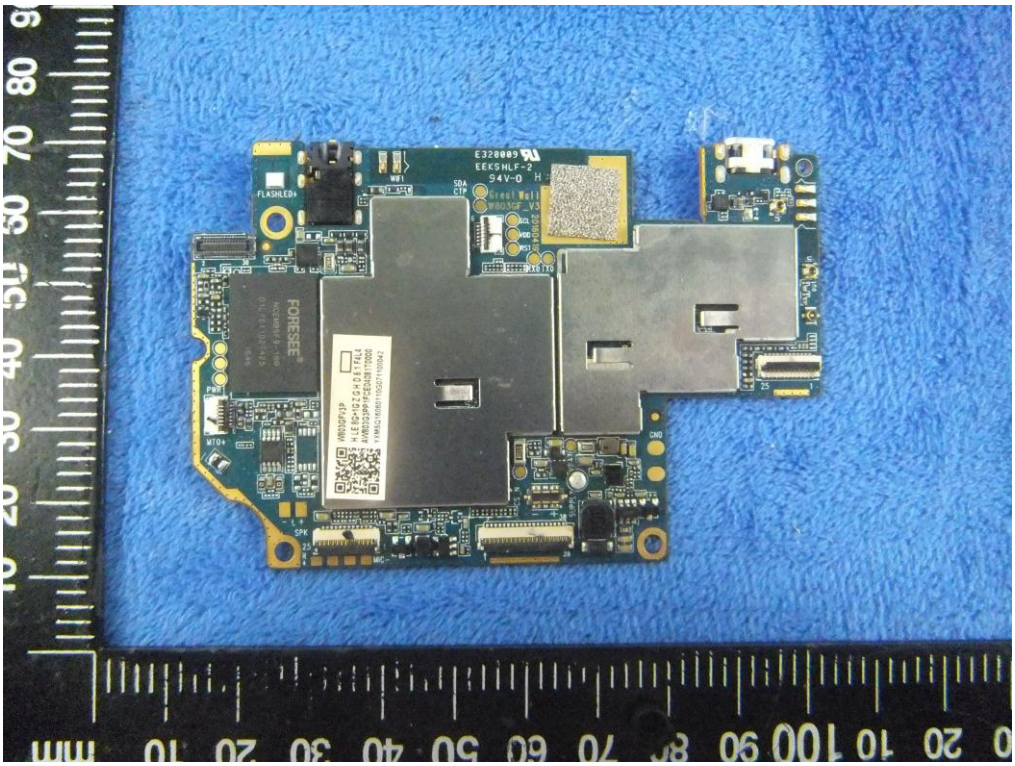
Battery - Front View



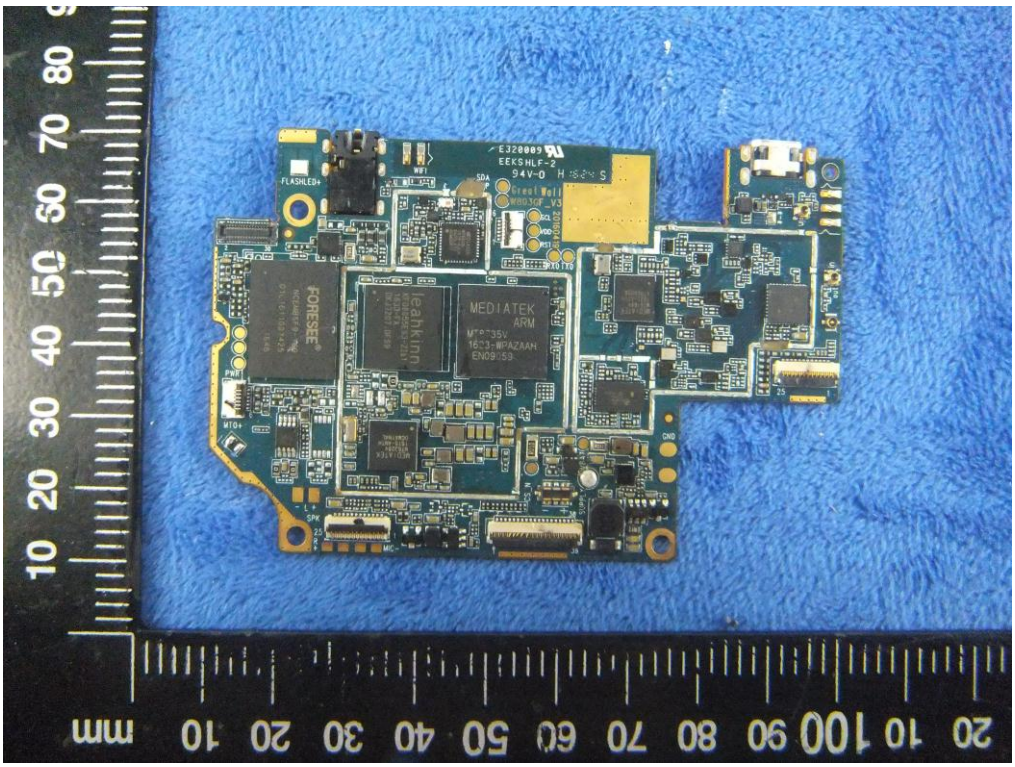
Battery - Rear View



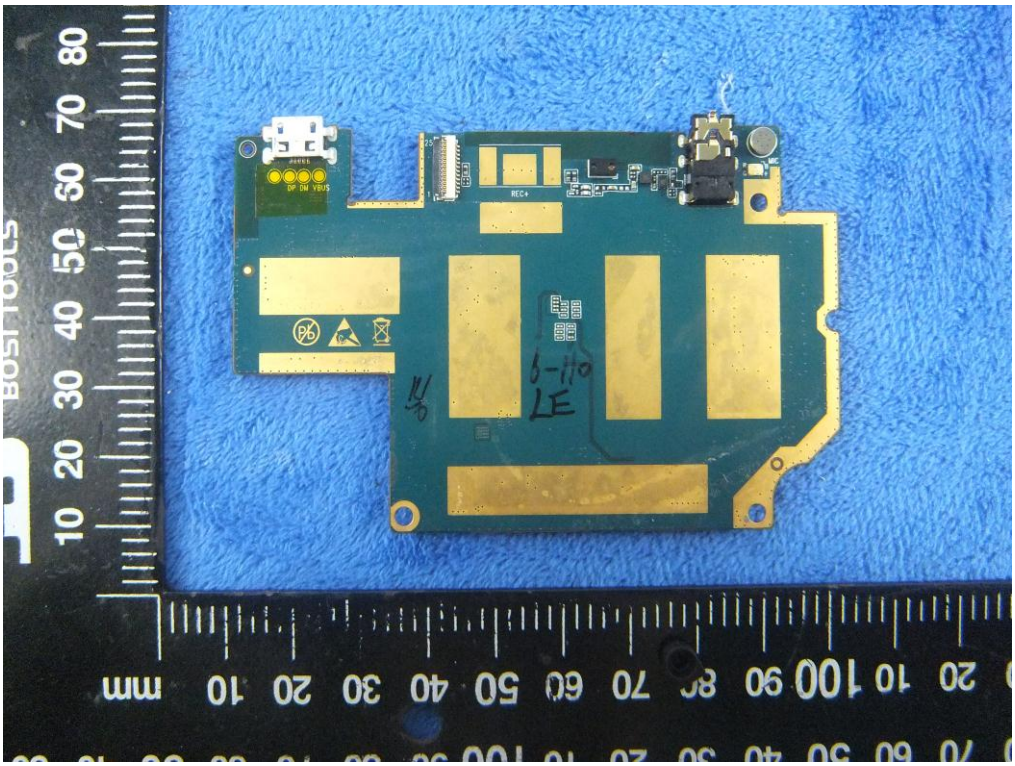
Mainboard with Shielding - Front View



Mainboard without Shielding - Front View



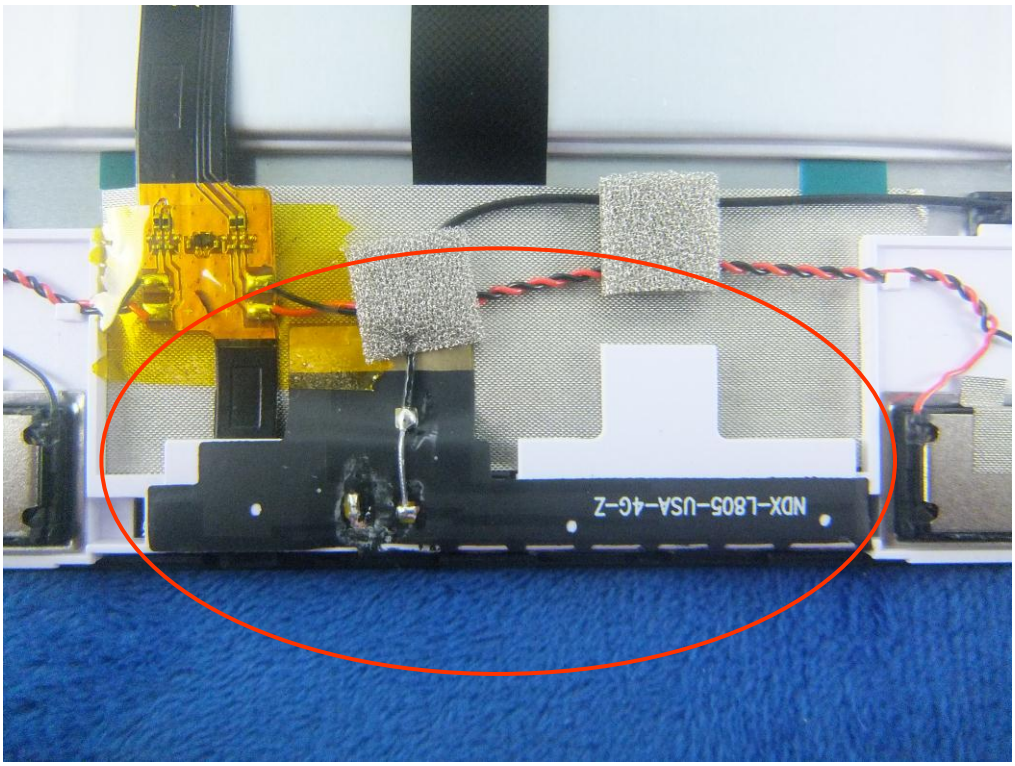
Mainboard – Rear View



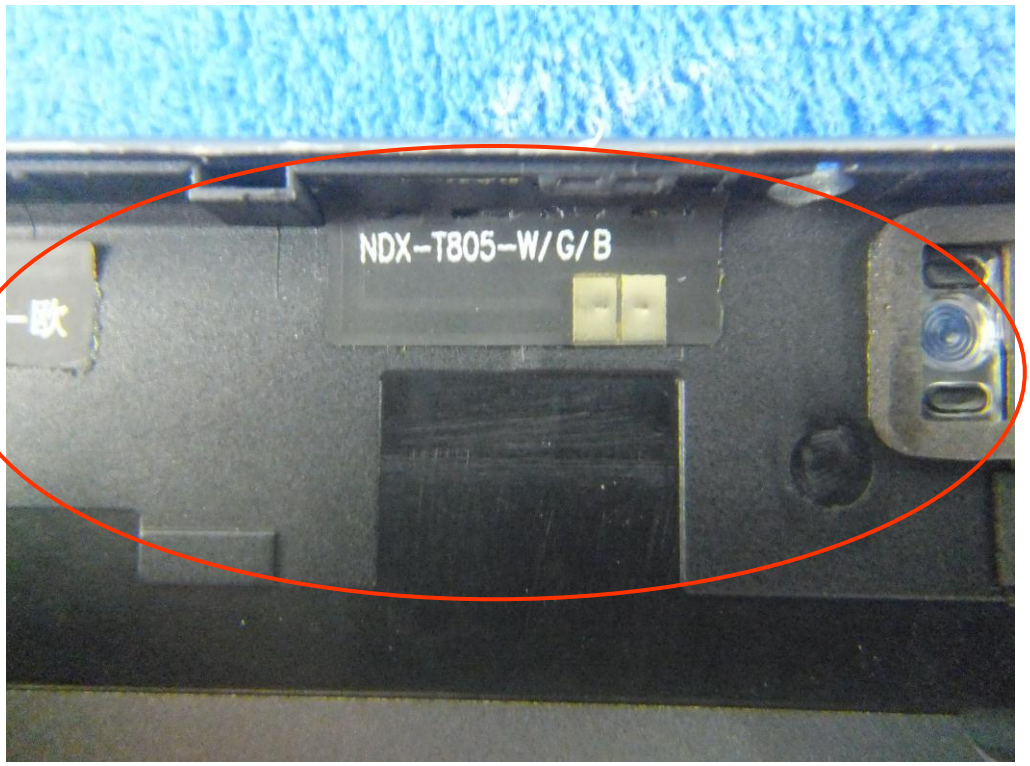
LCD – Front View

LCD – Rear View

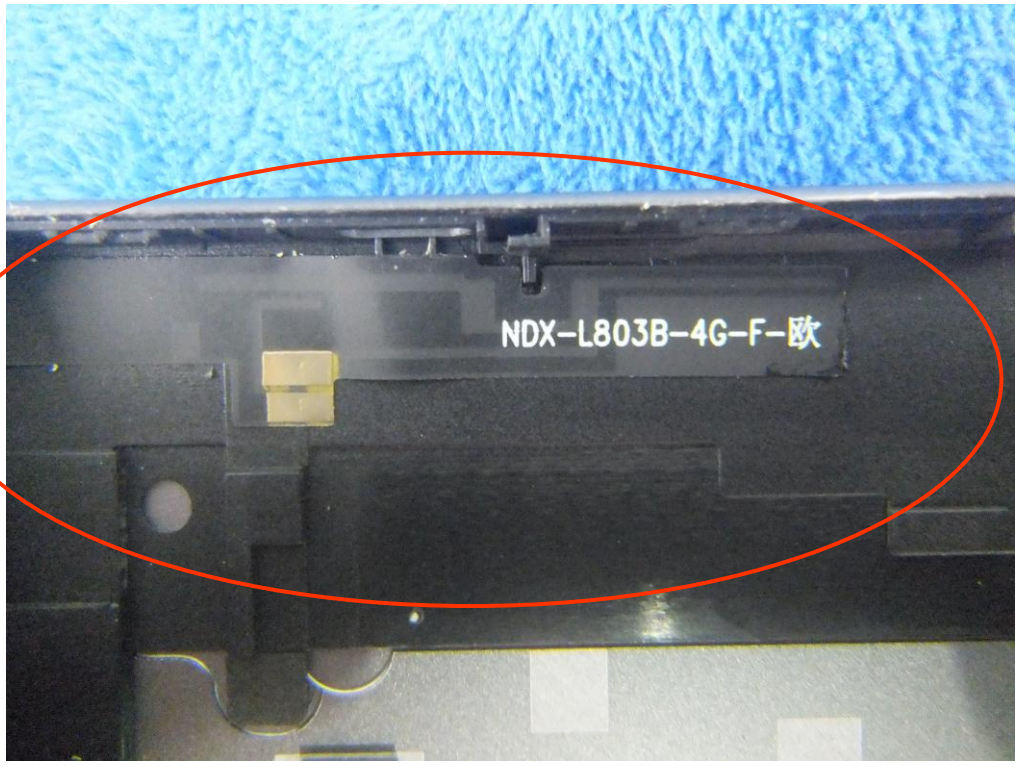
GSM/PCS/UMTS-FDD Antenna View



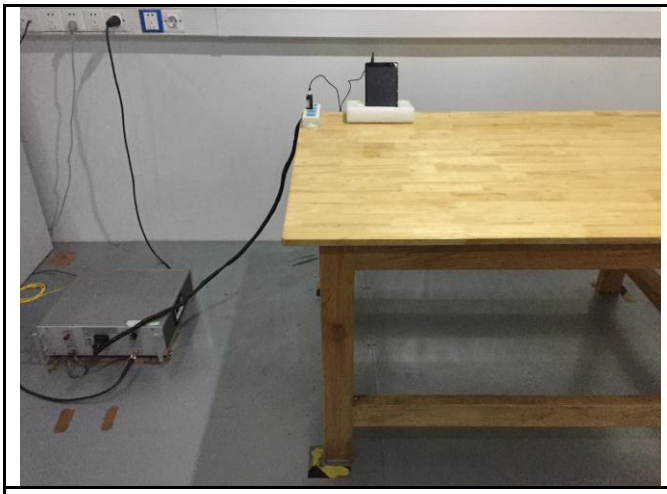
WIFI/BT/BLE - Antenna View



LTE - Antenna View

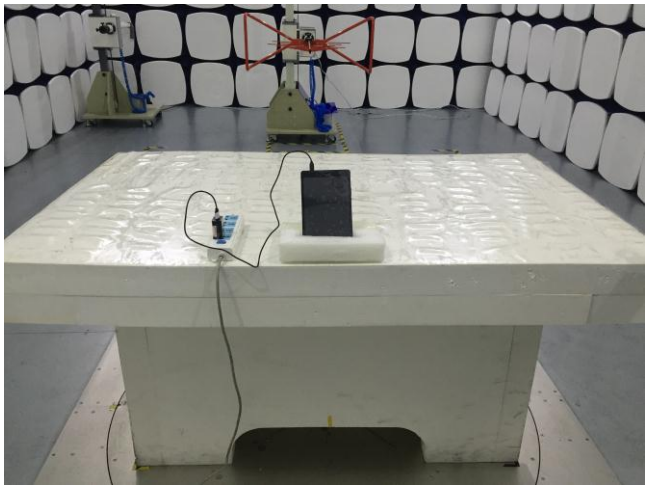


Annex B.iii. Photograph: Test Setup Photo

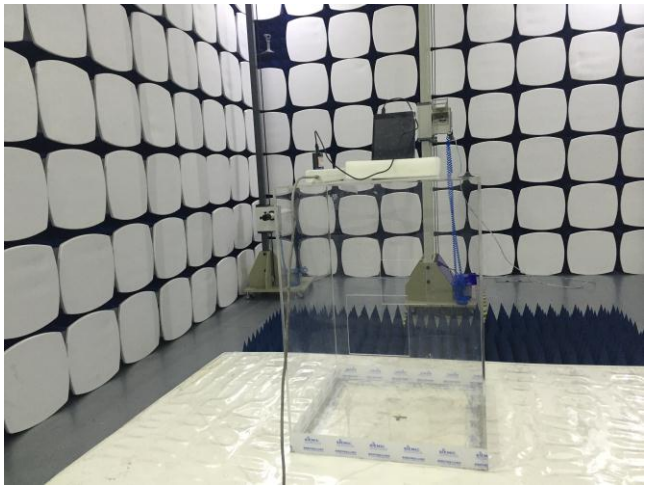


Conducted Emissions Test Setup Front View

Conducted Emissions Test Setup Side View



Radiated Spurious Emissions Test Setup Below 1GHz

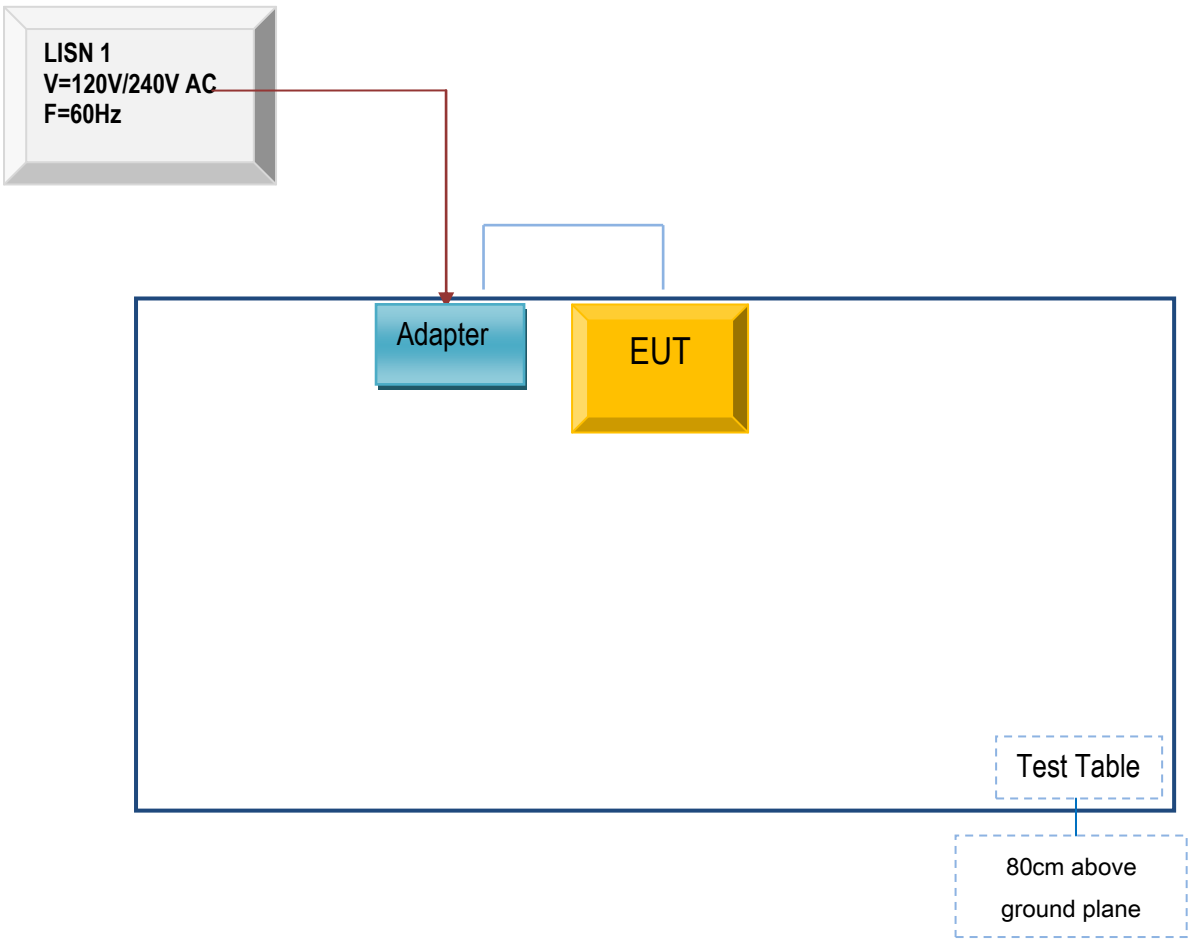


Radiated Spurious Emissions Test Setup Above 1GHz

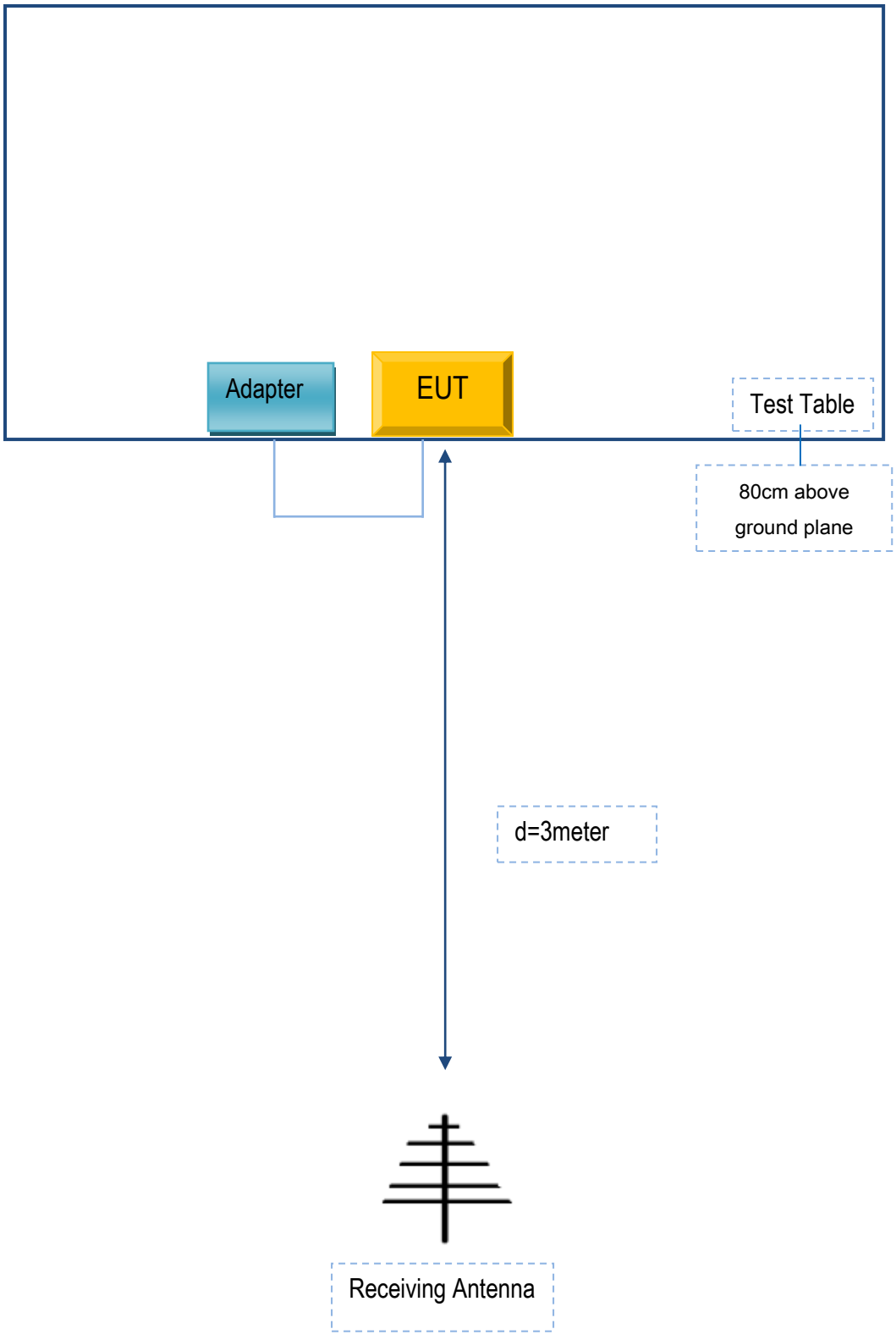
Annex C. TEST SETUP AND SUPPORTING EQUIPMENT

Annex C.ii. TEST SET UP BLOCK

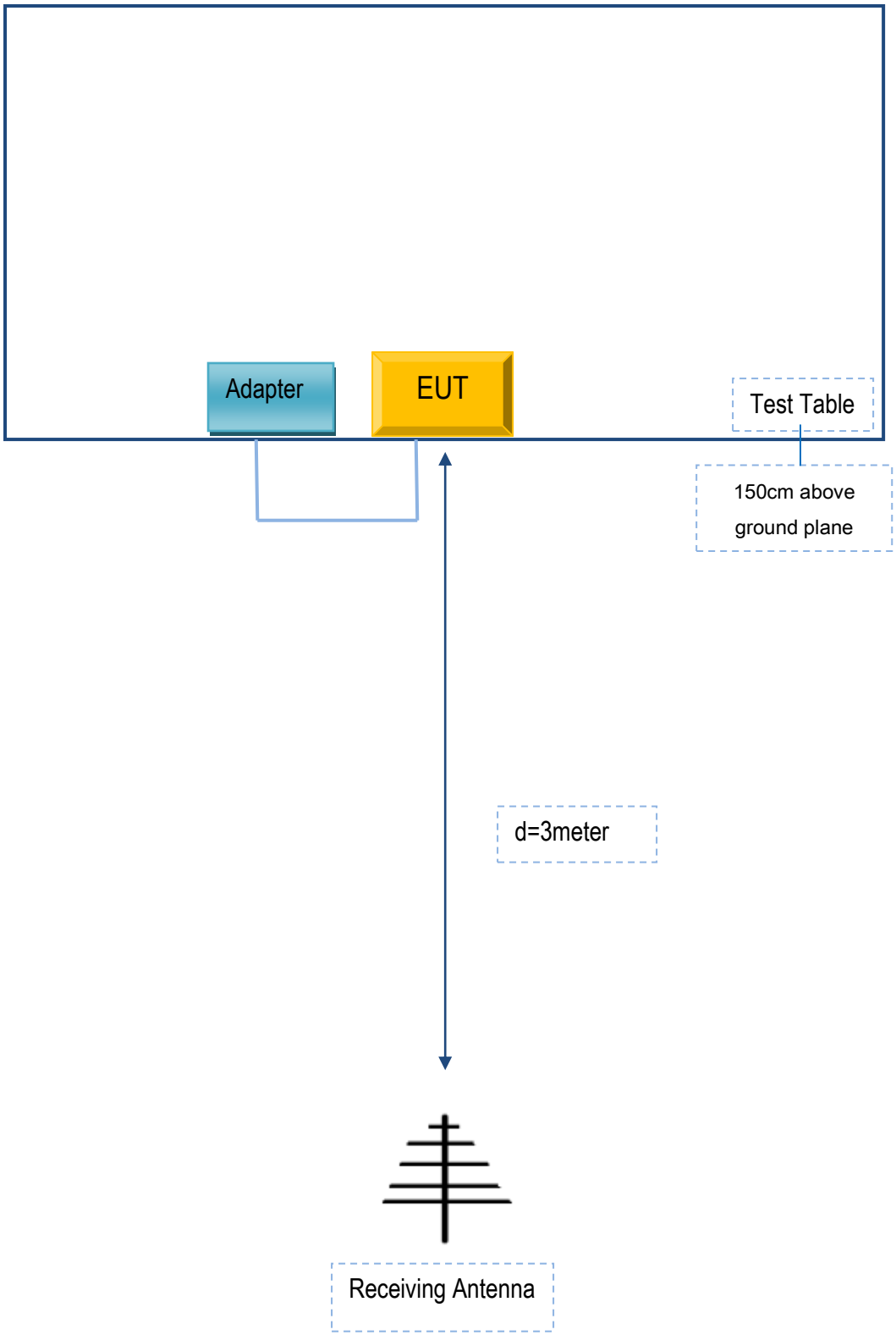
Block Configuration Diagram for AC Line Conducted Emissions



Block Configuration Diagram for Radiated Emissions （Below 1GHz）.



Block Configuration Diagram for Radiated Emissions （Above 1GHz）.



Annex C. il. SUPPORTING EQUIPMENT DESCRIPTION

The following is a description of supporting equipment and details of cables used with the EUT.

Supporting Equipment:

Manufacturer	Equipment Description	Model	Serial No
AOC	Adapter	SC/10WA050200US	C023542

Supporting Cable:

Cable type	Shield Type	Ferrite Core	Length	Serial No
USB Cable	Un-shielding	No	0.8m	C023542

Annex D. User Manual / Block Diagram / Schematics / Partlist

Please see the attachment

Annex E. DECLARATION OF SIMILARITY

N/A