FCC Test Report

Application Purpose : Original grant

Applicant Name: : INFINIX MOBILITY LIMITED

FCC ID : 2AIZN-X556

Equipment Type : Mobile phone

Model Name : X556

Report Number: FCC16083919A-3

Standard(S) : FCC Part 15 Subpart C

Date Of Receipt : August 19, 2016

Date Of Issue : September 29, 2016

Test By :

(Daisy Oin)

Reviewed By

(Sol Qin)

Authorized by

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Prepared by

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REPORT REVISE RECORD

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	September 29, 2016	Valid	Original Report

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1. GENERAL INFORMATION

GENERAL DESCRIPTION OF EUT

NERAL DESCRIP	11011 01 201		
Test Model	X556		
Applicant	INFINIX MOBILITY LIMITED		
Address	RMS 05-15, 13A/F SOUTH TOWER WORLD FINANCE CTR HARBOUR CITY 17 CANTON RD TST KLN HONG KONG		
Manufacturer	SHENZHEN TECNO TECHNOLOGY CO.,LTD.		
Address	1-4th Floor,3rd Building,Pacific Industrial Park,No.2088,Shenyan Road,Yantian District,Shenzhen,Guangdong,China		
Equipment Type	Mobile phone		
Brand Name	Infinix		
Hardware version:	V1.3		
Software version:	X556-H372A1-M-160720V16		
Extreme Temp. Tolerance	-10℃ to +65℃		
Battery information:	Li-ion Battery : BL-39AX Voltage: 3.85V Capacity: 3950mAh/4000mAh (min/typ) Limited Charge Voltage: 4.4V		
Adapter Information:	Adapter: A88-502000 Input: 100-240V 50/60Hz 350mA Output: 5V-2A		
Operating Frequency	2412-2462MHz		
Channels	11		
Channel Spacing	5MHz		
Modulation Type	CCK for IEEE 802.11b OFDM for IEEE 802.11g/n HT-20/n HT-40		
Antenna Type:	Integral Antenna		
Antenna gain:	-4dBi		
Data of receipt	August 19, 2016		
Date of test	August 19, 2016 to September 27, 2016		
Deviation	None		
Condition of Test Sample	Normal		

r age o er r
We hereby certify that:
All measurement facilities used to collect the measurement data are located at QTC Certification & Testing Co., Ltd. Registration Number: 588523
The data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C 63.4:2014 and TIA/EIA 603. The sample tested as described in this report is in compliance with the FCC Rules Part15 Subpart C. ALL the testing were referenced KDB NO.558074 The offset factor to the measurement is conducted as the average.
The test results of this report relate only to the tested sample identified in this report.

2. TEST DESCRIPTION

2.1 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $\mathbf{y} \pm \mathbf{U}$, where expended uncertainty \mathbf{U} is based on a standard uncertainty multiplied by a coverage factor of $\mathbf{k=2}$, providing a level of confidence of approximately 95 % $^{\circ}$

No.	Item	Uncertainty
1	Conducted Emission Test	±3.2dB
2	RF power, conducted	±0.16dB
3	Spurious emissions, conducted	±0.21dB
4	All emissions, radiated(<1G)	±4.7dB
5	All emissions, radiated(>1G)	±4.7dB
6	Temperature	±0.5°C
7	Humidity	±2%

2.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	802.11b
Mode 2	802.11g
Mode 3	802.11n20
Mode 4	802.11n40

For Conducted Emission		
Final Test Mode	Description	
Mode 1	802.11b	

For Radiated Emission			
Final Test Mode	Description		
Mode 1	802.11b		
Mode 2	802.11g		
Mode 3	802.11n20		
Mode 4	802.11n40		

Note:

- (1) The measurements are performed at the highest, middle, lowest available channels.
- (2) The EUT use new battery.
- (3) The data rate was set in 1Mbps, 6 Mbps, 6.5 Mbps and 13.5M for radiated emission due to the highest RF output power.
- (4) Record the worst case of each test item in this report.

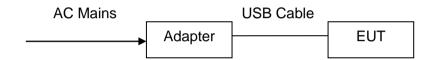
2.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters of FHSS

Test software Version	N/A
Test program	*#3646633#*

Frequency(802.11b/g/n20)	2412 MHz	2437 MHz	2462 MHz
Frequency(802.11n40)	2422 MHz	2437 MHz	2452 MHz

2.4 CONFIGURATION OF SYSTEM UNDER TEST



(EUT: Mobile phone)

I/O Port of EUT				
I/O Port Type Q'TY Cable Tested with				
USB port	1	1m USB cable, unshielded	1	
Power	1	1m	1	

2.5 DESCRIPTION OF SUPPORT UNITS (CONDUCTED MODE)

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
1	Adapter	/	A88-502000	/	/
2	Earphone	/	/	/	/

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in <code>[Length_]</code> column.
- (3) "YES" is means "shielded" "with core"; "NO" is means "unshielded" "without core".
- (4) The adapter supply by the applicant.

3. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Part15 (15.247) , Subpart C				
Standard Section	Test Item	Judgment	Remark	
15.107 & 15.207	Conducted Emission Test	PASS	Complies	
15.247(a)(2) Limit	Spectrum bandwidth of a Orthogonal Frequency Division Multiplex System Limit: 6dB bandwidth>500kHz	PASS	Complies	
15.247(b)	Maximum peak outputpower Limit: max. 30dBm	PASS	Complies	
15.109,15.205 & 15.209	Transmitter Radiated Emission Limit: Table 15.209	PASS	Complies	
15.247(e)	Power Spectral Density Limit: max. 8dBm	PASS	Complies	
15.247(d)	Out of Band Emission and Restricted Band Radiation Limit: 20dB less than peak value of fundamental frequency Restricted band limit: Table 15.209	PASS	Complies	

NOTE:

(1)" N/A" denotes test is not applicable in this test report.

4. MEASUREMENT INSTRUMENTS

NAME OF EQUIPMENT	MANUFACTURER	MODEL	SERIAL NUMBER	Calibration Date	Calibratio n Due.
EMI Test Receiver	R&S	ESCI	100005	08/19/2016	08/18/2017
LISN	AFJ	LS16	16010222119	08/19/2016	08/18/2017
LISN(EUT)	Mestec	AN3016	04/10040	08/19/2016	08/18/2017
Universal Radio Communication Tester	R&S	CMU 200	1100.0008.02	08/19/2016	08/18/2017
Coaxial cable	Megalon	LMR400	N/A	08/12/2016	08/11/2017
GPIB cable	Megalon	GPIB	N/A	08/12/2016	08/11/2017
Spectrum Analyzer	R&S	FSU	100114	08/19/2016	08/18/2017
Pre Amplifier	H.P.	HP8447E	2945A02715	10/13/2016	10/12/2017
Pre-Amplifier	CDSI	PAP-1G18-38		10/13/2016	10/12/2017
Bi-log Antenna	SUNOL Sciences	JB3	A021907	09/13/2016	09/12/2017
9*6*6 Anechoic				08/21/2016	08/20/2017
Horn Antenna	COMPLIANCE ENGINEERING	CE18000		09/13/2016	09/12/2017
Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-631	08/23/2016	08/22/2017
Cable	TIME MICROWAVE	LMR-400	N-TYPE04	04/25/2016	04/24/2017
System-Controller	ccs	N/A	N/A	N.C.R	N.C.R
Turn Table	ccs	N/A	N/A	N.C.R	N.C.R
Antenna Tower	ccs	N/A	N/A	N.C.R	N.C.R
RF cable	Murata	MXHQ87WA3000	-	08/21/2016	08/20/2017
Loop Antenna	EMCO	6502	00042960	08/22/2016	08/21/2017
Horn Antenna	SCHWARZBECK	BBHA 9170	1123	08/19/2016	08/18/2017
Power meter	Anritsu	ML2487A	6K00003613	08/23/2016	08/22/2017
Power sensor	Anritsu	MX248XD		08/19/2016	08/18/2017

5. EMC EMISSION TEST

5.1 CONDUCTED EMISSION MEASUREMENT

5.1.1 POWER LINE CONDUCTED EMISSION Limits (Frequency Range 150KHz-30MHz)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)		Standard
PREQUENCY (MHZ)	Quasi-peak	Average	Quasi-peak	Average	Stariuaru
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	FCC
0.50 -5.0	73.00	60.00	56.00	46.00	FCC
5.0 -30.0	73.00	60.00	60.00	50.00	FCC

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

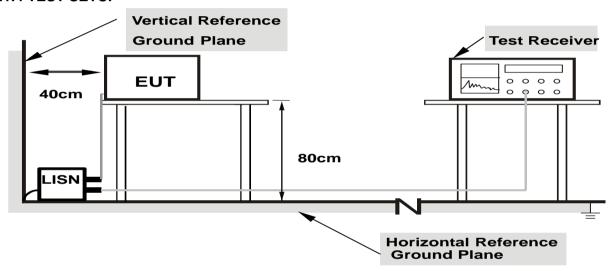
5.1.2 TEST PROCEDURE

- a. The EUT was placed 0.4 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item -EUT Test Photos.

5.1.3 DEVIATION FROM TEST STANDARD

No deviation

5.1.4 TEST SETUP



Note: 1.Support units were connected to second LISN.

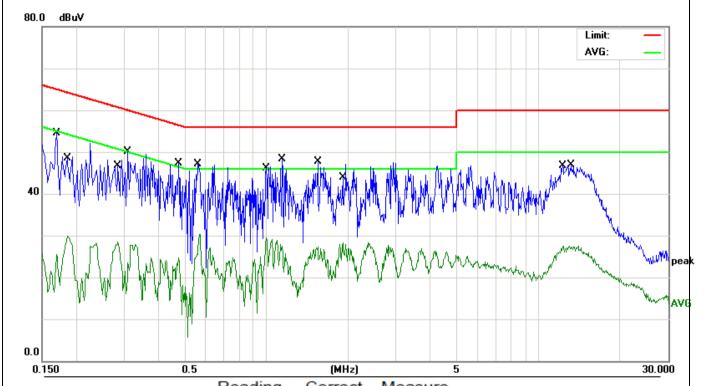
2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

5.1.5 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

5.1.6 TEST RESULTS

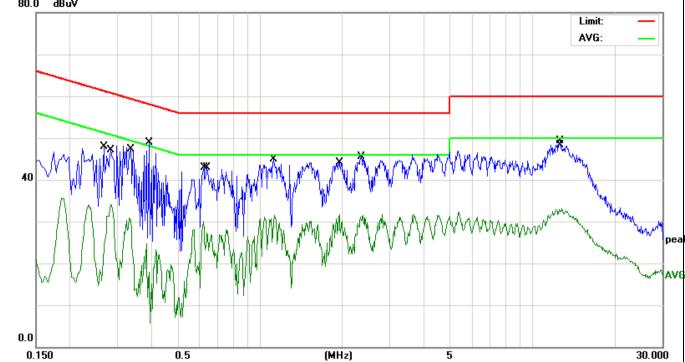
EUT	Mobile phone	Model Name	X556
Temperature	26 ℃	Relative Humidity	54%
Pressure	1010hPa	Phase	L
Test Date	August 22, 2016	Test Mode	Mode 1



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.1700	44.07	10.44	54.51	64.96	-10.45	QP
2		0.1860	19.50	10.44	29.94	54.21	-24.27	AVG
3		0.2860	17.99	10.42	28.41	50.64	-22.23	AVG
4		0.3100	39.77	10.42	50.19	59.97	-9.78	QP
5		0.4780	36.82	10.40	47.22	56.37	-9.15	QP
6		0.5700	20.01	10.39	30.40	46.00	-15.60	AVG
7		1.0020	19.12	10.34	29.46	46.00	-16.54	AVG
8	*	1.1420	38.01	10.33	48.34	56.00	-7.66	QP
9		1.5460	37.44	10.31	47.75	56.00	-8.25	QP
10		1.9140	18.04	10.29	28.33	46.00	-17.67	AVG
11		12.3660	17.40	10.17	27.57	50.00	-22.43	AVG
12		13.2380	36.65	10.16	46.81	60.00	-13.19	QP

Remark: All the modes have been investigated, and only worst mode is presented in this report.

EUT	Mobile phone	Model Name	X556
Temperature	26 ℃	Relative Humidity	54%
Pressure	1010hPa	Phase	N
Test Date	August 22, 2016	Test Mode	Mode 1
80 U ABIAV			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.2660	37.42	10.43	47.85	61.24	-13.39	QP
2		0.2819	23.64	10.42	34.06	50.76	-16.70	AVG
3		0.3302	20.44	10.42	30.86	49.44	-18.58	AVG
4	*	0.3899	38.51	10.41	48.92	58.06	-9.14	QP
5		0.6180	19.69	10.39	30.08	46.00	-15.92	AVG
6		0.6380	32.60	10.38	42.98	56.00	-13.02	QP
7		1.1220	34.55	10.33	44.88	56.00	-11.12	QP
8		1.1260	21.13	10.33	31.46	46.00	-14.54	AVG
9		1.9500	21.46	10.29	31.75	46.00	-14.25	AVG
10		2.3500	35.17	10.28	45.45	56.00	-10.55	QP
11		12.6178	39.22	10.17	49.39	60.00	-10.61	QP
12		12.8099	23.01	10.17	33.18	50.00	-16.82	AVG

Remark: All the modes have been investigated, and only worst mode is presented in this report.

5.2 RADIATED EMISSION MEASUREMENT

5.2.1 RADIATED EMISSION LIMITS (Frequency Range 9kHz-1000MHz)

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies	Field Strength	Measurement Distance
(MHz)	(micorvolts/meter)	(meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

FREQUENCY (MHz)	Limit (dBuV/m) (at 3M)		
PREQUENCT (MIDZ)	PEAK	AVERAGE	
Above 1000	74	54	

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

Spectrum Parameter	Setting	
Attenuation	Auto	
Start Frequency	1000 MHz	
Stop Frequency	10th carrier harmonic	
RB / VB (emission in restricted	4 MHz / 4 MHz for Dook, 4 MHz / 40Hz for Average	
band)	1 MHz / 1 MHz for Peak, 1 MHz / 10Hz for Average	

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

5.2.2 TEST PROCEDURE

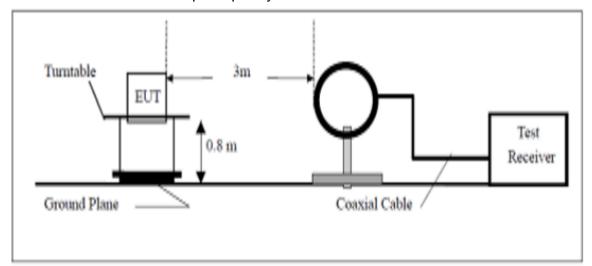
a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.

- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

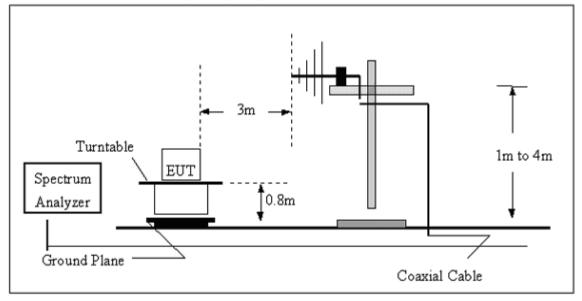
d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed. f. For the actual test configuration, please refer to the related Item –EUT Test Photos. Note: Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported **5.2.3 DEVIATION FROM TEST STANDARD** No deviation

5.2.4 TEST SETUP

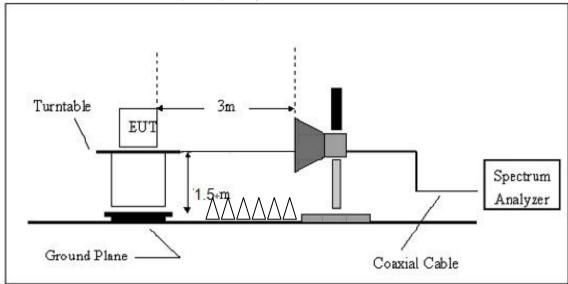
(A) Radiated Emission Test-Up Frequency Below 30MHz



(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



(C) Radiated Emission Test-Up Frequency Above 1GHz



5.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

5.2.5.1 RESULTS (BELOW 30 MHZ)

EUT	Mobile phone	Model Name	X556
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Polarization	
Test Mode	Mode 1	Test Date	August 22, 2016

Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
				Р
				Р

NOTE:

No result in this part for margin above 20dB.

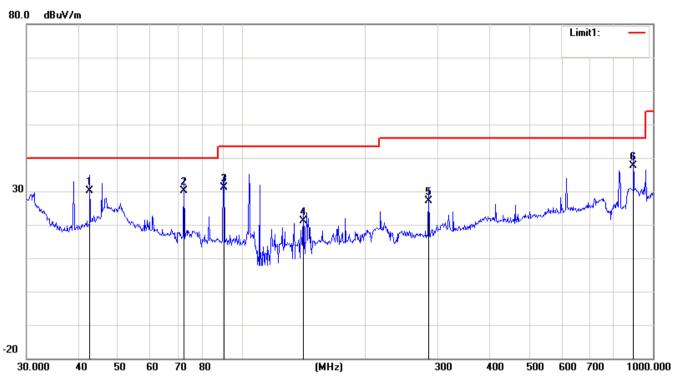
Distance extrapolation factor =20 log (specific distance/test distance)(dB);

Limit line = specific limits(dBuV) + distance extrapolation factor.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

5.2.5.2 TEST RESULTS (BETWEEN 30M – 1000 MHZ)

EUT	Mobile phone	Model Name	X556
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Polarization :	Horizontal
Test Mode	Mode 1	Test Date	August 22, 2016



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		42.7496	35.48	-5.39	30.09	40.00	-9.91	QP
2		72.3375	37.82	-7.68	30.14	40.00	-9.86	QP
3		90.5374	39.15	-7.92	31.23	43.50	-12.27	QP
4		141.3298	24.33	-3.16	21.17	43.50	-22.33	QP
5		284.9766	33.06	-5.98	27.08	46.00	-18.92	QP
6	*	896.9964	31.96	5.59	37.55	46.00	-8.45	QP

Remark: All the modes have been investigated, and only worst mode is presented in this report.

																				age 22 01 7
	EUT	-			Mob	ile p	hor	 าe			N	Node	el Namo			X5	556			
	Tem	perat	ture		20 °						F	Rela	ive Hu	midity	,	48	48%			
	Pres	sure			1010) hP	'a				F	Polarization:			Vertical					
		Mod	е		Mod	e 1					Т	est	Date			Αu	ıgust	22,	2016	6
30		3uV/m	* 	1	***	2			**		~~~		Summer of the second	prolle		d. sula	ndaaba	Lii	nit1:	- x-w
-20																				
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				M	Hz		d	BuV	/	C	dΒ		dBuV/ı	m	dB	uV/n	n	dB		Detector
	1		42	2.74	196		34	1.29	9	-5	.39		28.90)	40	.00	-	11.1	0	QP
	2	*																		
	_		72	2.33	376		38	3.32	2	-7	.68		30.64	1	40	.00	-	9.3	6	QP
_	3				376 701			3.32 5.29			7.68 5.18		30.64 30.11			.00 .50		9.3 13.3		QP QP
			104	1.17			35		9	-5				l	43		-		39	
	3		104	1.17 0.56	701		35	5.29	9	-5 -3	5.18		30.1	5	43 43	.50		13.3	39 75	QP
	3		104 110 284	1.17 0.56 1.97	701 687		35 31 34	5.29	9 3 6	-5 -3 -5	5.18 5.48		30.11 27.75	5 3	43 43 46	.50 .50	- ·	13.3 15.7	39 75 12	QP QP

Remark: All the modes have been investigated, and only worst mode is presented in this report.

5.2.5.3 TEST RESULTS (1GHZ TO 25GHZ)

EUT	Mobile phone	Model Name	X556
Temperature	120 (Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 1 TX
Test Date	August 22, 2016	Frequency	2412MHz

Freq.	Ant.	Emission		Limi	t	Over(dB)		
(MHz)	Pol.	Level(dBuV)	3m(dBuV/m)				
	H/V	PK	AV	PK	AV	PK	AV	
4824	V	60.66	41.77	74	54	-13.34	-12.23	
7236	V	58.61	40.60	74	54	-15.39	-13.40	
4824	Н	59.81	39.26	74	54	-14.19	-14.74	
7236	Н	59.90	40.90	74	54	-14.10	-13.10	

Remark:

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

EUT	Mobile phone	Model Name	X556
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 1 TX
Test Date	August 22, 2016	Frequency	2437MHz

Freq. (MHz)	Ant.Pol.	Emission Level(dBuV		Lir 3m(dB	nit suV/m)	Over(dB)		
	H/V	PK	AV	PK	ΑV	PK	AV	
4874	V	58.11	41.88	74	54	-15.89	-12.12	
7311	V	59.53	39.60	74	54	-14.47	-14.40	
4874	Н	59.63	40.03	74	54	-14.37	-13.97	
7311	Н	58.09	39.09	74	54	-15.91	-14.91	

Remark:

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

EUT	Mobile phone	Model Name	X556
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 1 TX
Test Date	August 22, 2016	Frequency	2462MHz

Freq.	Ant.Pol.	Emission	Level(dBuV	Lir	nit	Over(dB)	
(MHz)				3m(dB	BuV/m)		
	H/V	PK	AV	PK	AV	PK	AV
4924	V	60.75	40.93	74	54	-13.25	-13.07
7386	V	58.88	39.47	74	54	-15.12	-14.53
4924	Н	58.24	39.95	74	54	-15.76	-14.05
7386	Н	58.59	39.59	74	54	-15.41	-14.41

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

EUT	Mobile phone	Model Name	X556
Temperature	120 (Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode2 TX
Test Date	August 22, 2016	Frequency	2412MHz

Freq.	Ant. Pol.	Emission		Limit 3m(dBuV/m)		Over(dB)	
(MHz)		Level(dBuV)			,		
	H/V	PK	AV	PK	AV	PK	AV
4824	V	58.45	41.01	74	54	-15.55	-12.99
7236	V	58.22	39.60	74	54	-15.78	-14.40
4824	Н	59.94	40.12	74	54	-14.06	-13.88
7236	Н	59.90	40.90	74	54	-14.10	-13.10

Remark:

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

EUT	Mobile phone	Model Name	X556
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 2 TX
Test Date	August 22, 2016	Frequency	2437MHz

Freq.	Ant.Pol.	Emission Level(dBuV		Limit		Over(dB)	
(MHz)				3m(dBuV/m)			
	H/V	PK	AV	PK	AV	PK	AV
4874	V	59.17	41.85	74	54	-14.83	-12.15
7311	V	59.56	40.23	74	54	-14.44	-13.77
4874	Н	58.92	40.64	74	54	-15.08	-13.36
7311	Н	59.80	40.80	74	54	-14.20	-13.20

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

EUT	Mobile phone	Model Name	X556
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 2 TX
Test Date	August 22, 2016	Frequency	2462MHz

Freq. (MHz)	Ant.Pol.	Emission Level(dBuV)			Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV	
4924	V	58.21	41.53	74	54	-15.79	-12.47	
7386	V	58.77	40.33	74	54	-15.23	-13.67	
4924	Н	59.32	40.29	74	54	-14.68	-13.71	
7386	Н	58.08	39.08	74	54	-15.92	-14.92	

Remark:

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

EUT	Mobile phone	Model Name	X556
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode3 TX
Test Date	August 22, 2016	Frequency	2412MHz

Freq.	Ant. Pol.	Emission		Limit		Over(dB)	
(MHz)		Level(dBuV)		3m(dBuV/m)			
	H/V	PK	AV	PK	AV	PK	AV
4824	V	59.28	40.80	74	54	-14.72	-13.20
7236	V	59.38	39.88	74	54	-14.62	-14.12
4824	Н	58.71	39.05	74	54	-15.29	-14.95
7236	Н	59.33	40.33	74	54	-14.67	-13.67

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

EUT	Mobile phone	Model Name	X556
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 3 TX
Test Date	August 22, 2016	Frequency	2437MHz

Freq.	Ant.Pol.	Emission Level(dBuV)		Limit		Over(dB)	
(MHz)		, í		3m(dBuV/m)			
	H/V	PK	AV	PK	AV	PK	AV
4874	V	58.90	39.37	74	54	-15.10	-14.63
7311	V	59.87	40.53	74	54	-14.13	-13.47
4874	Н	58.05	40.70	74	54	-15.95	-13.30
7311	Н	59.23	40.23	74	54	-14.77	-13.77

Remark:

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

EUT	Mobile phone	Model Name	X556
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 3 TX
Test Date	August 22, 2016	Frequency	2462MHz

Freq.	Ant.Pol.	Emission Level(dBuV)		Limit		Over(dB)	
(MHz)			, j		3m(dBuV/m)		
	H/V	PK	AV	PK	AV	PK	AV
4924	V	58.97	40.13	74	54	-15.03	-13.87
7386	V	59.73	39.49	74	54	-14.27	-14.51
4924	Н	58.46	39.11	74	54	-15.54	-14.89
7386	Н	59.15	40.15	74	54	-14.85	-13.85

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

EUT	Mobile phone	Model Name	X556
Temperature	120 ('	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode4 TX
Test Date	August 22, 2016	Frequency	2422MHz

Freq.	Ant.	Emission		Limit		Over(dB)		
(MHz)	Pol.	Level(dBuV)	3m(dBu)	3m(dBuV/m)			
	H/V	PK	AV	PK	AV	PK	AV	
4844	V	60.97	40.94	74	54	-13.03	-13.06	
7266	V	59.09	39.38	74	54	-14.91	-14.62	
4844	Н	59.76	40.91	74	54	-14.24	-13.09	
7266	Н	59.16	40.16	74	54	-14.84	-13.84	

Remark:

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

EUT	Mobile phone	Model Name	X556
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 4 TX
Test Date	August 22, 2016	Frequency	2437MHz

Freq.	Ant.Pol.	Emission Level(dBuV)		Limit		Over(dB)	
(MHz)		, ,		3m(dBuV/m)			
	H/V	PK	AV	PK	AV	PK	AV
4874	V	59.02	41.47	74	54	-14.98	-12.53
7311	V	58.60	39.54	74	54	-15.40	-14.46
4874	H	58.41	40.45	74	54	-15.59	-13.55
7311	Н	58.48	39.48	74	54	-15.52	-14.52

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

EUT	Mobile phone	Model Name	X556
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 4 TX
Test Date	August 22, 2016	Frequency	2452MHz

Freq. (MHz)	Ant.Pol.	Emission Level(dBuV)			Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV	
4904	V	59.71	41.59	74	54	-14.29	-12.41	
7356	V	59.95	40.17	74	54	-14.05	-13.83	
4904	Н	58.77	40.25	74	54	-15.23	-13.75	
7356	Н	58.08	39.08	74	54	-15.92	-14.92	

Remark:

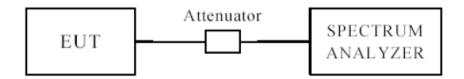
All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

Page 29 of 71 6. ANTENNA APPLICATION 6.1 Antenna requirement The EUT'S antenna is met the requirement of FCC part 15C section 15.203 and 15.247 FCC part 15C section 15.247 requirements: Systems operating in the 2402-2480MHz band that are used exclusively for fixed, point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum peak output power of the intentional radiator is reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi. 6.2 Result The EUT's antenna integrated on PCB, The antenna's gain is -1.8dBi and meets the requirement.

7.0. 6DB BANDWIDTH MEASUREMENT

7.1 TEST SETUP



7.2 LIMITS OF 6DB BANDWIDTH MEASUREMENT

The minimum of 6dB Bandwidth Measurement is >500 kHz

7.3 TEST PROCEDURE

- 1. Set resolution bandwidth (RBW) = 100 kHz
- 2. Set the video bandwidth (VBW) \geq 3 x RBW.
- 3. Detector = Peak.
- 4. Trace mode = max hold.
- 5. Sweep = auto couple.
- 6. Allow the trace to stabilize.
- 7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two

outermost amplitude points (upper and lower) that are attenuated by 6 dB relative to the maximum level measured

in the fundamental emission.

7.4 TEST RESULT

6dB Occupied Bandwidth

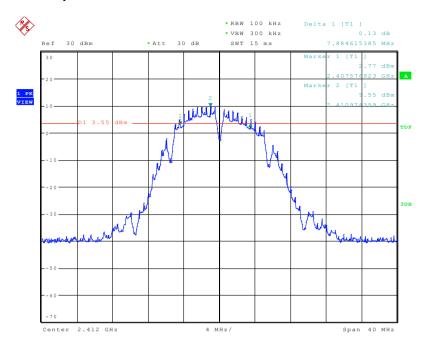
EUT		Mobi	le phone	Model		X556	ô
Mode		802.1	11b	Humidity 56		56%	RH
Temperat	ure	24 de	eg. C,				
Channel	Channe Frequen (MHz)	су	Data Transfer Rate (Mbps)	6 dB Bandwidth (kHz)	Minim Limi (MHz	t	Pass/ Fail
1	2412		1	7884.6	0.5		Pass
6	2437		1	9038.4	0.5		Pass
11	2462		1	9166.6	0.5	•	Pass

EUT		Mobi	le phone	Model		X556	
Mode		802.	11g	Humidity		56%	RH
Temperat	ure	24 de	eg. C,				
Channel	Channe Frequen (MHz)	су	Data Transfer Rate (Mbps)	6 dB Bandwidth (kHz)	Minim Limi (MH:	t	Pass/ Fail
1	2412		6	11025.6	0.5		Pass
6	2437		6	14038.4	0.5		Pass
11	2462		6	16217.9	0.5		Pass

EUT		Mobile phone Model			X556		
Mode		802.1	11n20	Humidity 5		56%	RH
Temperat	ure	24 de	eg. C,				
Channel	Channe Frequen (MHz)	су	Data Transfer Rate (Mbps)	6 dB Bandwidth (kHz)	Minimum Limit (MHz)		Pass/ Fail
1	2412		6.5	17692.3	0.5		Pass
6	2437		6.5	17628.2	0.5		Pass
11	2462		6.5	17564.1	0.5		Pass

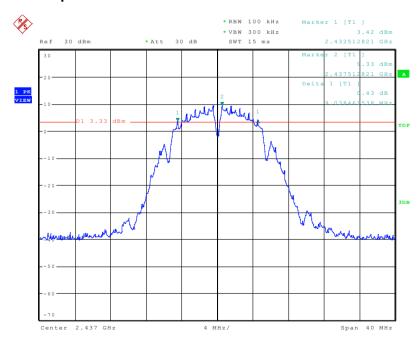
EUT		Mobi	le phone	Model		X55	6
Mode		802.1	11n40	Humidity 56		56%	RH
Temperat	ture	24 de	eg. C,				
Channel	Channe Frequenc (MHz)	су	Data Transfer Rate (Mbps)	6 dB Bandwidth (kHz)	Minimum Limit (MHz)		Pass/ Fail
3	2422		13.5	36153.8	0.5		Pass
6	2437		13.5	36282.0	0.5	•	Pass
9	2452		13.5	36153.8	0.5		Pass

802.11b at 1Mbps of CH1

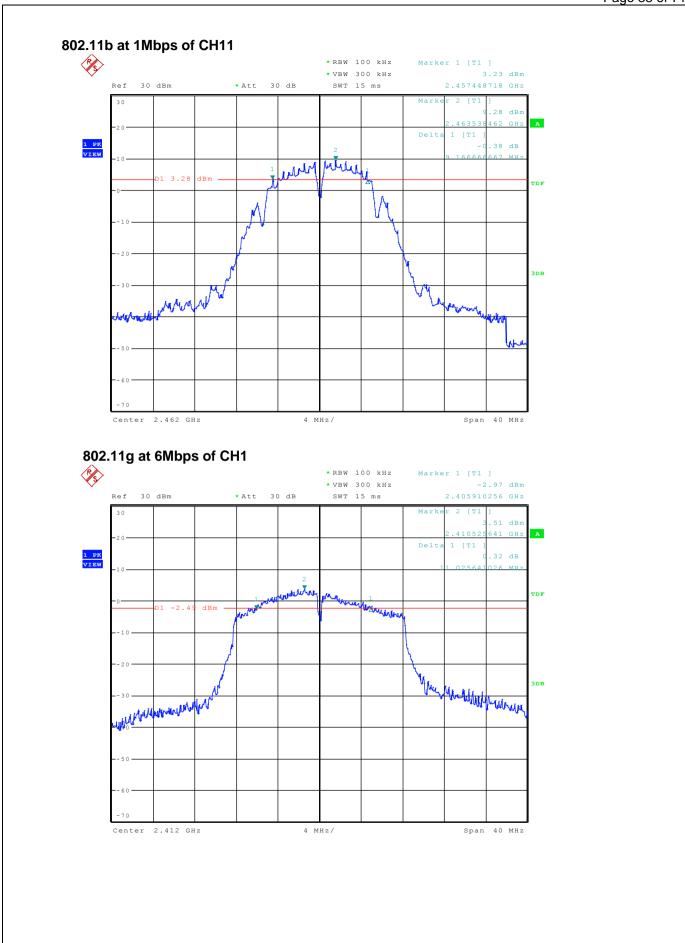


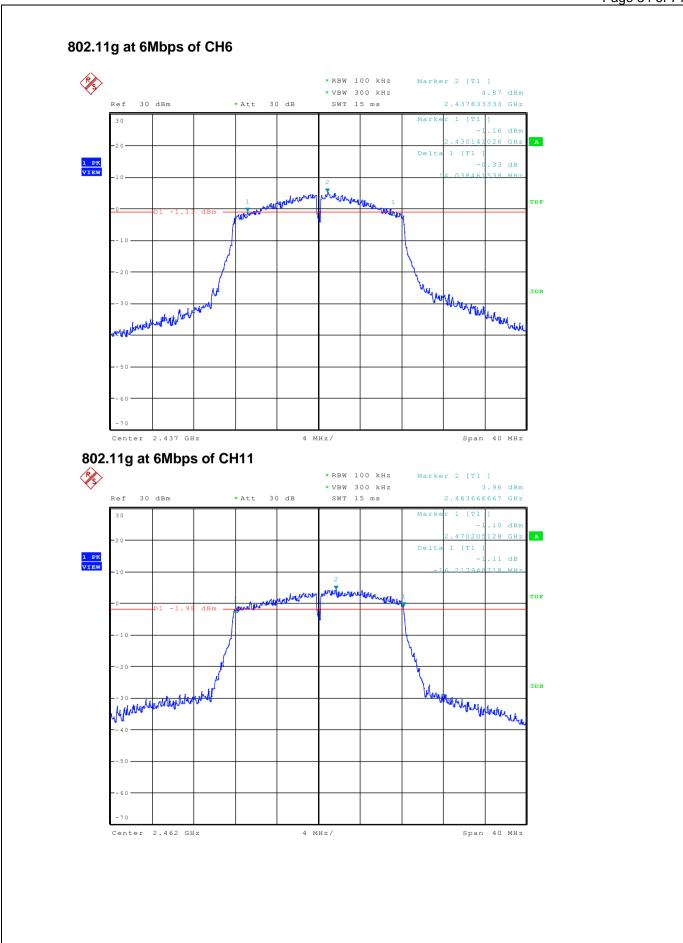
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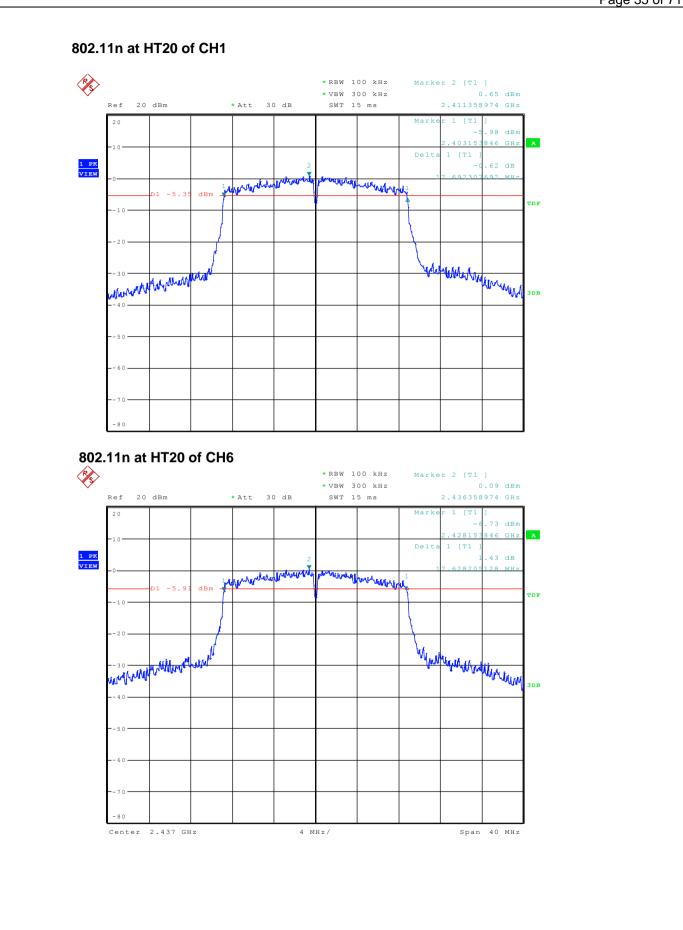
802.11b at 1Mbps of CH6

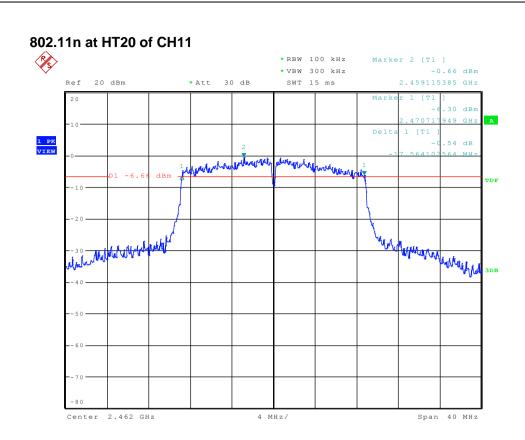


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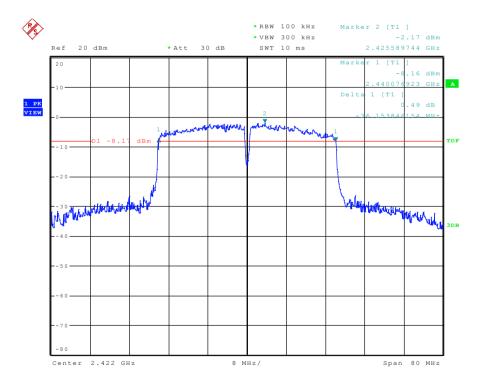




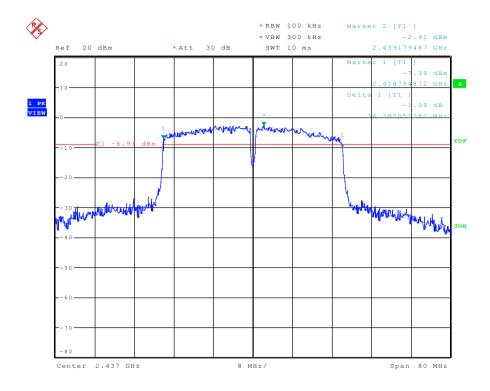




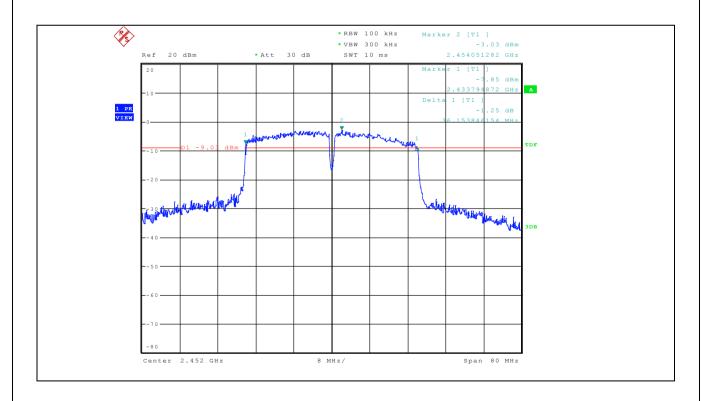
802.11n at HT40 of CH3



802.11n at HT40 of CH6

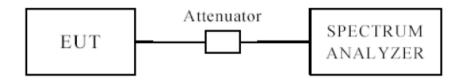


802.11n at HT40 of CH9



8.0. MAXIMUM PEAK OUTPUT POWER

8.1 TEST SETUP



8.2 LIMITS OF MAXIMUM PEAK OUTPUT POWER

The Maximum Peak Output Power Measurement is 30dBm.

8.3 TEST PROCEDURE

The RF power output was measured with a Power meter connected to the RF Antenna connector measurement while EUT was operating in transmit mode at the appropriate centre frequency.

Note: the peak power was measured.

8.4 TEST RESULTS

	•			
EUT	Mobile phone	Model	W	/4
Mode	802.11b	Humidity	50	6% RH
Temperature	24 deg. C,			
Channel	Channel	Peak Power	Peak Power Limi	t Pass/ Fail
	Frequency	Output	(dBm)	
	(MHz)	(dBm)		
1	2412	14.68	30	Pass
6	2437	16.22	30	Pass
11	2462	14.99	30	Pass

Note: 1. At finial test to get the worst-case emission at 1Mbps for CH1, CH6 and CH11

2. The result basic equation calculation as follow:

Peak Power Output = Peak Power Reading + Cable loss + Attenuator

3. The worse case was recorded

EUT	Mobile phone	Mobile phone			W4	
Mode	802.11g	802.11g		Humidity		RH
Temperature	24 deg. C,					
Channel	Channel	Peak	Power	Peak Power L	imit	Pass/ Fail
	Frequency	cy Out		(dBm)		
	(MHz)	(dE	3m)			
1	2412	13	.08	30		Pass
6	2437	14	.54	30		Pass
11	2462	14	.48	30		Pass

Note: 1. At finial test to get the worst-case emission at 6 Mbps for CH1, CH6 and CH11

2. The result basic equation calculation as follow:

Peak Power Output = Peak Power Reading + Cable loss + Attenuator

3. The worse case was recorded

EUT	Mobile phone	Mobile phone		Model		
Mode	802.11n(HT20)	802.11n(HT20)		Humidity		S RH
Temperature	24 deg. C,					
Channel	Channel	Peak	Power	Peak Power L	imit	Pass/ Fail
	Frequency	Ou	tput	(dBm)		
	(MHz)	(dE	3m)			
1	2412	13	.05	30		Pass
6	2437	14	.59	30		Pass
11	2462	14	.62	30		Pass

Note: 1. At finial test to get the worst-case emission at 6.5Mbps for CH1, CH6 and CH11

2. The result basic equation calculation as follow:

Peak Power Output = Peak Power Reading + Cable loss + Attenuator

3. The worse case was recorded

EUT	Mobile phone	Mobile phone		Model		
Mode	802.11n (HT40))	Humidity		56%	RH
Temperature	24 deg. C,					
Channel	Channel	Peak	Power	Peak Power L	imit	Pass/ Fail
	Frequency	Ou	tput	(dBm)		
	(MHz)	(dE	3m)			
3	2422	11	.38	30		Pass
6	2437	12	.71	30		Pass
9	2452	12	.41	30		Pass

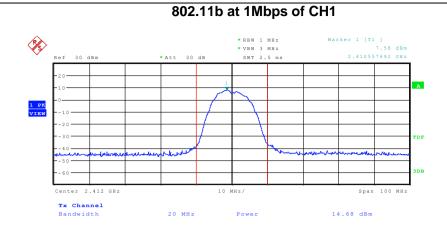
Note: 1. At finial test to get the worst-case emission at 13.5Mbps for CH3, CH6 and CH9

2. The result basic equation calculation as follow:

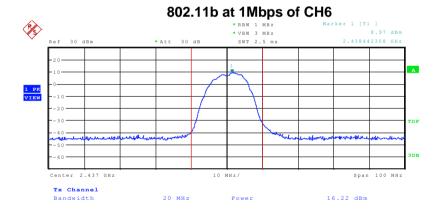
Peak Power Output = Peak Power Reading + Cable loss + Attenuator

3. The worse case was recorded.

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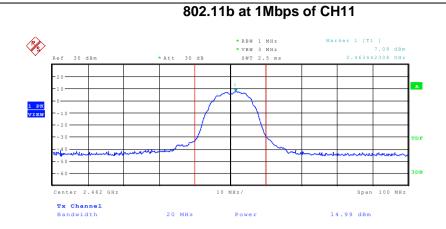


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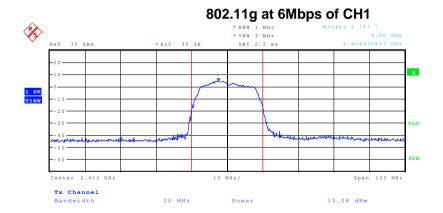


Date: 5.SEP.2016 13:55:52

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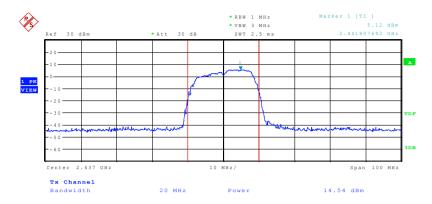
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Date: 5.SEP.2016 13:57:10

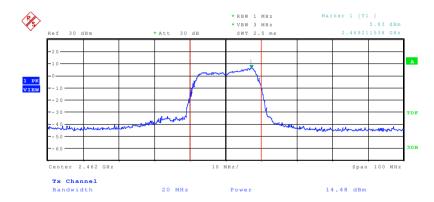
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802.11g at 6Mbps of CH6



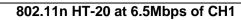
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802.11g at 6Mbps of CH11



Date: 5.SEP.2016 13:58:28

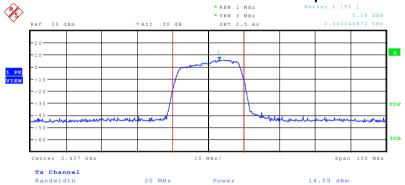
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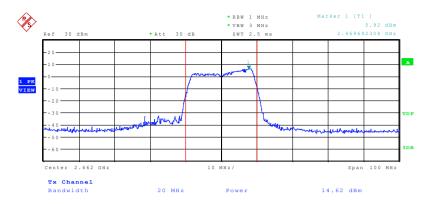
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802.11n HT-20 at 6.5Mbps of CH6



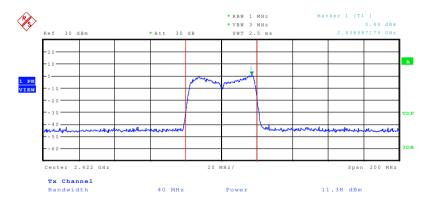
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802.11n HT-20 at 6.5Mbps of CH11



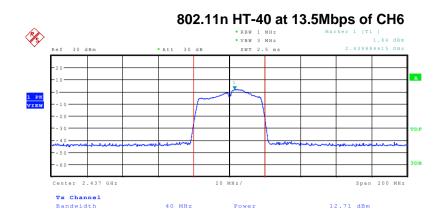
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802.11n HT-40 at 13.5Mbps of CH3



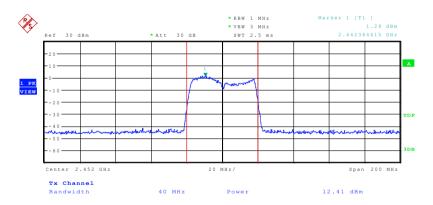
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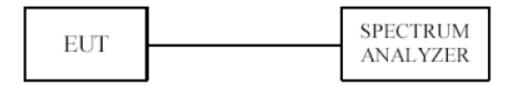
Date: 5.SEP.2016 14:02:44

802.11n HT-40 at 13.5Mbps of CH9



Date: 5.SEP.2016 14:03:50

9. POWER SPECTRAL DENSITY MEASUREMENT 9.1 TEST SETUP



9.2 LIMITS OF POWER SPECTRAL DENSITY MEASUREMENT

The Maximum Power Spectral Density Measurement is 8dBm.

9.3 TEST PROCEDURE

- 1. Use this procedure when the maximum peak conducted output power in the fundamental emission is used todemonstrate compliance.
- 2. Set the RBW = 3 kHz.
- 3. Set the VBW =10 kHz.
- 4. Set the span to 1.5 times the DTS channel bandwidth.
- 5. Detector = peak.
- 6. Sweep time = auto couple.
- 7. Trace mode = max hold.
- 8. Allow trace to fully stabilize.
- 9. Use the peak marker function to determine the maximum amplitude level.
- 10. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.
- 11. The resulting peak PSD level must be ≤ 8 dBm.

9.4 TEST RESULT

EUT	EUT Mobile phone		Model	W4		
Mode	de 802.11b		Humidity	umidity		RH
Temperature	24 deg. C,					
Channel	Channel	Final R	Power	Maximum Lir	nit	Pass/ Fail
	Frequency	Level ir	n (dBm)	(dBm)		
	(MHz)					
		,	1Mbps			
1	2412	-12	61	8		Pass
6	2437	-13	.01	8	·	Pass
11	2462	-14	.27	8		Pass

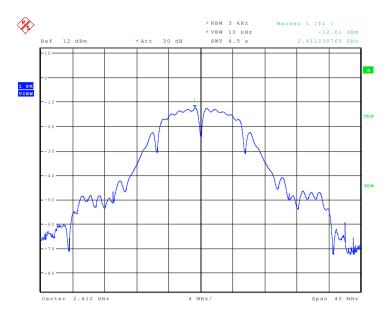
EUT	Mobile phone		Model	Model		
Mode 802.11g			Humidity		56%	RH
Temperature	24 deg. C,					
Channel	Channel	Final RI	Power	Maximum Lir	nit	Pass/ Fail
	Frequency	Level ir	n (dBm)	(dBm)		
	(MHz)					
		(6Mbps			
1	2412	-12	2.38	8		Pass
6	2437	-13	3.72	8		Pass
11	2462	-15	5.81	8		Pass

EUT	EUT Mobile phone		Model	W4			
Mode 802.11n HT20		Humidity		56%		RH	
Temperature	24 deg. C,						
Channel	Channel	Final RI	Power	Maximum Lir	nit	Pass/ Fail	
	Frequency	Level ir	n (dBm) (dBm)				
	(MHz)						
		6	.5Mbps				
1	2412	-13	3.31	8		Pass	
6	2437	-14	.00	8		Pass	
11	2462	-15	5.65	8		Pass	

EUT			Model		W4		
Mode 802.11n HT40		Humidi		ity !		S RH	
Temperature	24 deg. C,						
Channel	Channel	Final R	Power	Maximum Lir	nit	Pass/ Fail	
	Frequency	Level ir	n (dBm)	(dBm)			
	(MHz)						
		13	3.5Mbps				
3	2422	-16	.52	8		Pass	
6	2437	-16	.25	8		Pass	
9	2452	-18	.26	8		Pass	

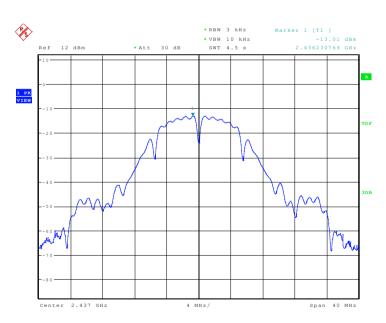
Remark: All of the modes have been investigated, and only worst mode is presented in this report.

802.11b at 1Mbps of CH1



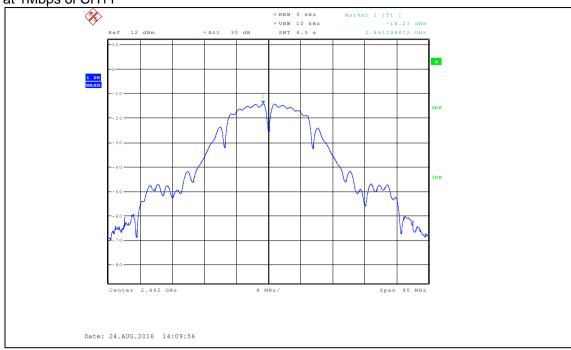
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802.11b at 1Mbps at CH6

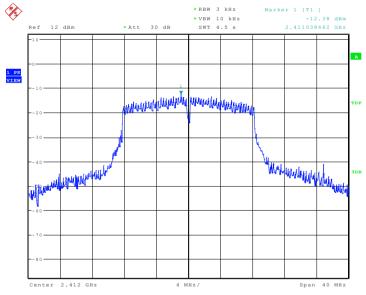


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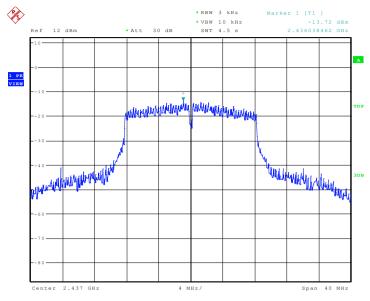


802.11g at 6Mbps of CH1



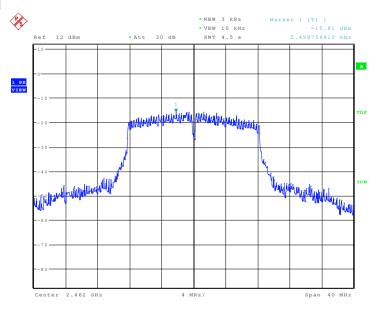
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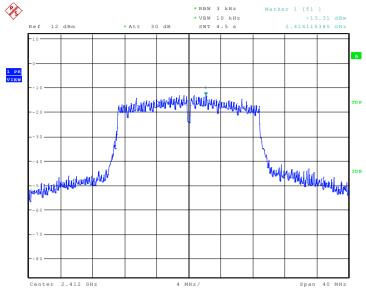
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802.11g at 6Mbps of CH11



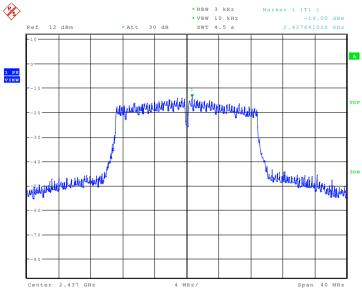
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802.11n HT20 at 6.5Mbps of CH1



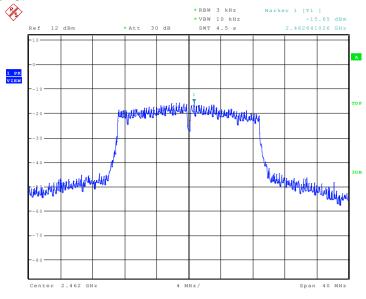
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802.11n HT20 at 6.5Mbps of CH6



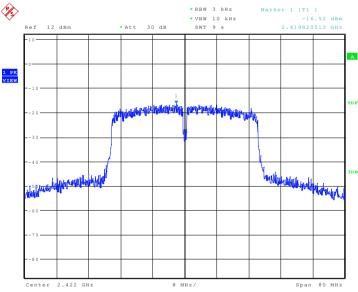
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802.11n HT20 at 6.5Mbps of CH11



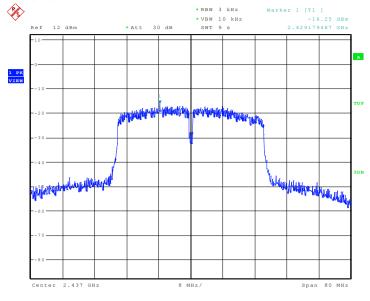
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802.11n HT40 at13.5Mbps of CH3



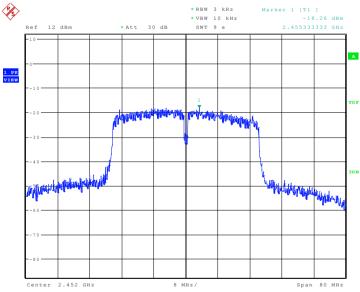
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802.11n HT40 at 13.5Mbps of CH6



Date: 24.AUG.2016 14:16:07

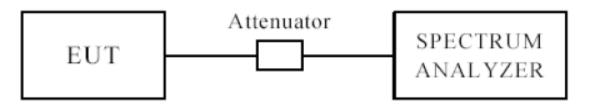
802.11n HT40 at 13.5Mbps of CH9



Date: 24.AUG.2016 14:17:01

10. OUT OF BAND MEASUREMENT

10.1 TEST SETUP FOR BAND EDGE



The restricted band requirement based on radiated emission test; please see the clause 6 for the test setup

10.2 LIMITS OF OUT OF BAND EMISSIONS MEASUREMENT

- 1. Below –20dB of the highest emission level of operating band (in 100kHz Resolution Bandwidth).
- 2. Fall in the restricted bands listed in section 15.205. The maximum permitted average field strength is listed in section 15.209.

10.3 TEST PROCEDURE

For signals in the restricted bands above and below the 2.4-2.483GHz allocated band a measurement was made of radiated emission test.(Peak values with RBW=VBW=1MHz and PK detector. AV value with RBW=1MHz,VBW=10Hz and PK detector)

For bandage test, the spectrum set as follows: RBW=100 kHz, VBW=100 kHz. A conducted measurement used

10.4 TEST RESULT

Please see next pages

Note: This is a handhold device. The radiated emissions should be tested under 3-axes position (Lying, Stand), After pre-test. It was found that the worse radiated emission was get at the lying position.

Radiated measurement:

802.11b

Indica	ted		Antenna	Corr	ection Fa	ctor	FCC	Part 15.24	47
Frequency (MHz)	Receiver Reading (dB _µ V/m)	result (PK/AV)	Polar (H/V)	Ant. Factor (dB/m)	Cable Loss (dB)	Pre-Amp. Gain (dB)	Cord. Amp. (dBµV/m)	Limit (dBµV/m)	Margin (dB)
Low Channel (2412MHz)									
2390	30.20	AV	V	30.3	4.1	33.1	31.50	54	22.50
2390	30.40	AV	Н	30.3	4.1	33.1	31.70	54	22.30
2390	40.13	PK	V	30.3	4.1	33.1	41.43	74	32.57
2390	40.12	PK	Н	30.3	4.1	33.1	41.42	74	32.58
			Hi	gh Channel	(2462MF	lz)			
2483.5	31.43	AV	V	31	4.4	32.7	34.13	54	19.87
2483.5	31.43	AV	Н	31	4.4	32.7	34.13	54	19.87
2483.5	40.68	PK	V	31	4.4	32.7	43.38	74	30.62
2483.5	40.60	PK	Н	31	4.4	32.7	43.30	74	30.70

802.11g

Indica	ited		Antenna	Corr	ection Fa	ctor	FCC	Part 15.24	17
Frequency (MHz)	Receiver Reading (dB _µ V/m)	result (PK/AV)	result Polar	Ant. Factor (dB/m)	Cable Loss (dB)	Pre-Amp. Gain (dB)	Cord. Amp. (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Low Channel (2412MHz)								
2390	35.22	AV	V	30.3	4.1	33.1	36.52	54	17.48
2390	34.67	AV	Н	30.3	4.1	33.1	35.97	54	18.03
2390	51.99	PK	V	30.3	4.1	33.1	53.29	74	20.71
2390	49.60	PK	Н	30.3	4.1	33.1	50.90	74	23.10
			Hi	gh Channel	(2462MH	lz)			
2483.5	32.06	AV	V	31	4.4	32.7	34.76	54	19.24
2483.5	31.01	AV	Н	31	4.4	32.7	33.71	54	20.29
2483.5	41.54	PK	V	31	4.4	32.7	44.24	74	29.76
2483.5	40.95	PK	Н	31	4.4	32.7	43.65	74	30.35

Note: The BAND EDGE RESTRICTED BANDS emission is too low at least 20dB to the Fundamental.

802.11n HT20

Indica	ted		Antenna	Corr	ection Fa	ctor	FCC	Part 15.24	1 7
Frequency (MHz)	Receiver Reading (dB _µ V/m)	result (PK/AV)	Polar (H/V)	Ant. Factor (dB/m)	Cable Loss (dB)	Pre-Amp. Gain (dB)	Cord. Amp. (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Low Channel (2412MHz)								
2390	33.41	AV	V	30.3	4.1	33.1	34.71	54	19.29
2390	34.66	AV	Н	30.3	4.1	33.1	35.96	54	18.04
2390	50.73	PK	V	30.3	4.1	33.1	52.03	74	21.97
2390	51.24	PK	Н	30.3	4.1	33.1	52.54	74	21.46
			Hi	gh Channel	(2462MH	lz)			
2483.5	30.02	AV	V	31	4.4	32.7	32.72	54	21.28
2483.5	32.23	AV	Н	31	4.4	32.7	34.93	54	19.07
2483.5	39.86	PK	V	31	4.4	32.7	42.56	74	31.44
2483.5	41.94	PK	Н	31	4.4	32.7	44.64	74	29.36

802.11n HT40

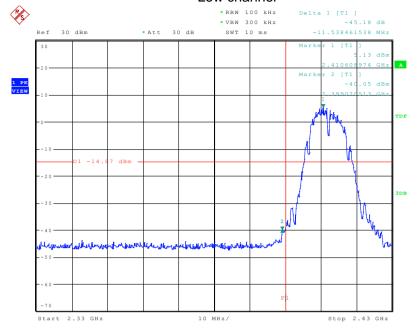
Indica	ted		Antenna	Corr	ection Fa	ctor	FCC	Part 15.24	17
Frequency (MHz)	Receiver Reading (dB _µ V/m)	result (PK/AV)	Polar (H/V)	Ant. Factor (dB/m)	Cable Loss (dB)	Pre-Amp. Gain (dB)	Cord. Amp. (dBµV/m)	Limit (dBμV/m)	Margin (dB)
Low Channel (2422MHz)									
2390	36.56	AV	V	30.3	4.1	33.1	37.86	54	16.14
2390	37.07	AV	Н	30.3	4.1	33.1	38.37	54	15.63
2390	55.14	PK	V	30.3	4.1	33.1	56.44	74	17.56
2390	55.07	PK	Н	30.3	4.1	33.1	56.37	74	17.63
			Hi	gh Channel	(2452MH	lz)			
2483.5	32.89	AV	V	31	4.4	32.7	35.59	54	18.41
2483.5	32.32	AV	Н	31	4.4	32.7	35.02	54	18.98
2483.5	46.78	PK	V	31	4.4	32.7	49.48	74	24.52
2483.5	46.51	PK	Н	31	4.4	32.7	49.21	74	24.79

Note: The BAND EDGE RESTRICTED BANDS emission is too low at least 20dB to the Fundamental.

Band Edges Measurement:

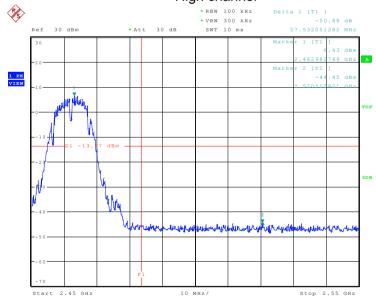
8802.11b:

Low channel



Date: 5.SEP.2016 16:29:07

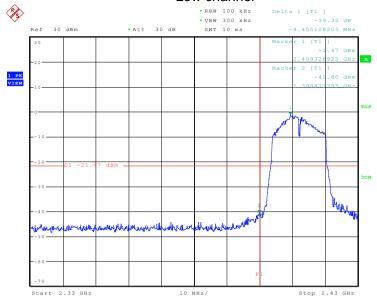
High channel



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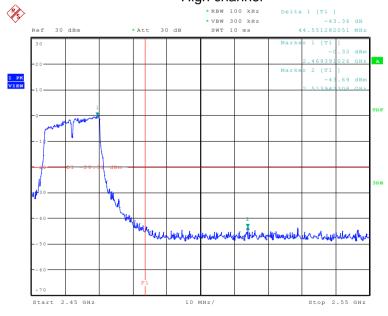
802.11g:





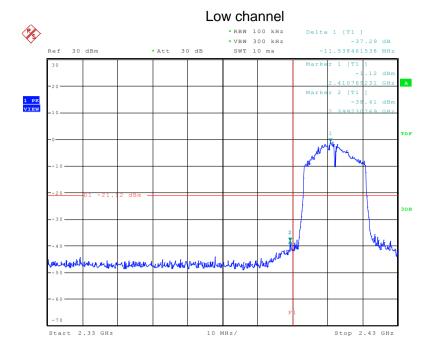
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High channel

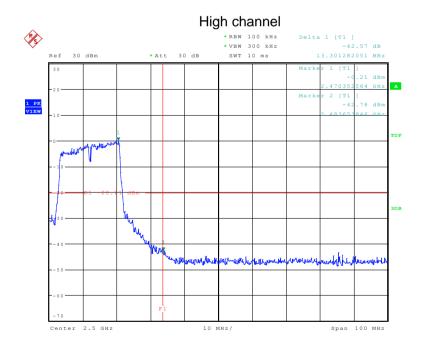


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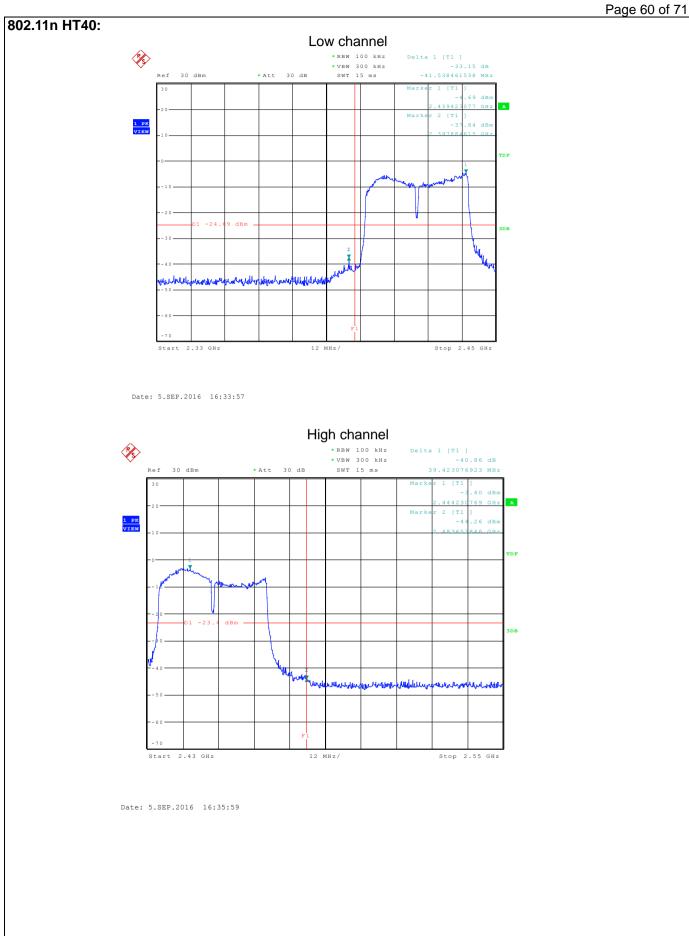
802.11n HT20:



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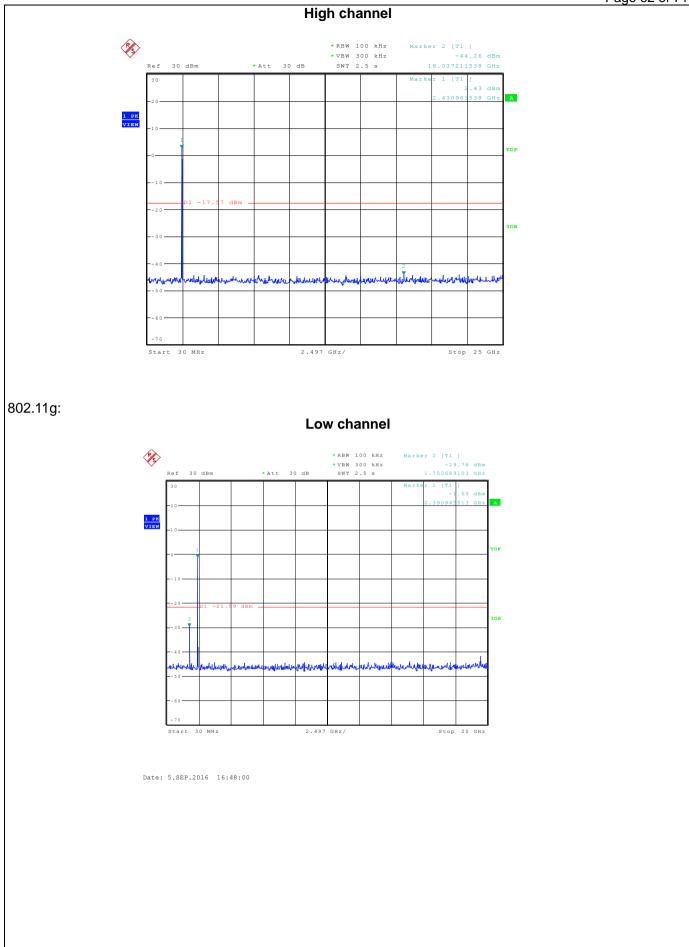


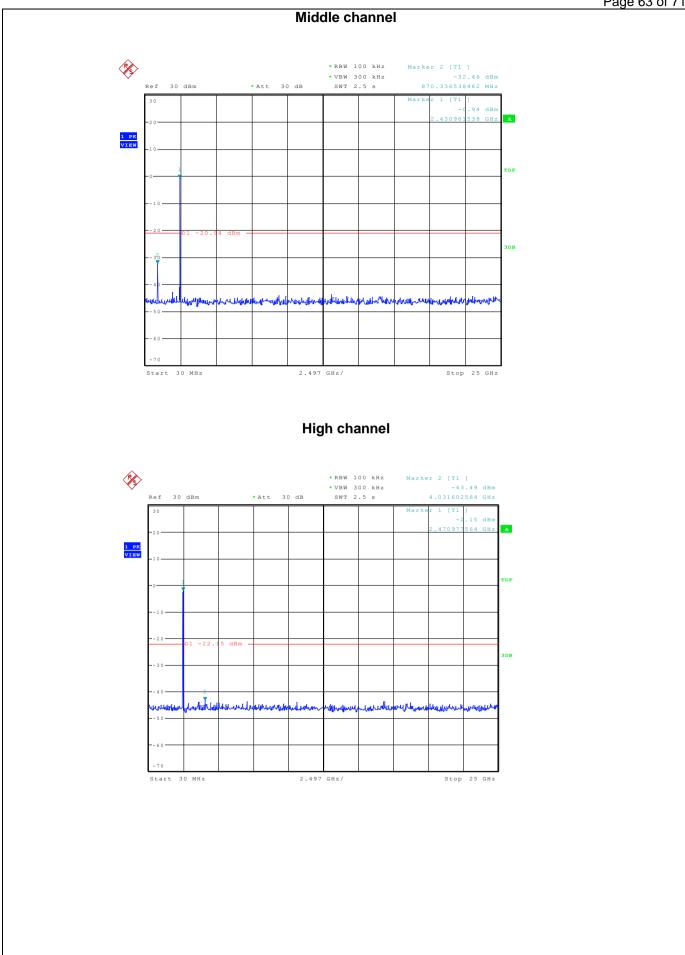
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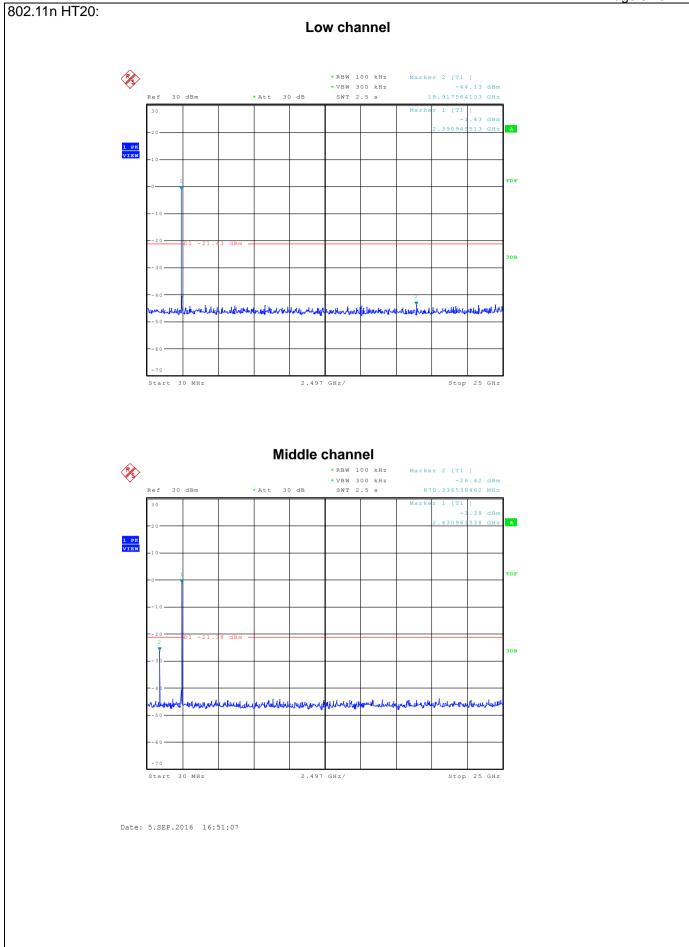


Conducted measurement: 802.11b: Low channel **P**S> * RBW 100 kHz * VBW 300 kHz SWT 2.5 s . 24 dBr id block and Start 30 MHz 2.497 GHz/ Stop 25 GHz Date: 5.SEP.2016 16:45:17 Middle channel **P**S> *RBW 100 kHz *VBW 300 kHz SWT 2.5 s Marker 2 [T1] -28.08 dBm 870.336538462 MHz Center 12.515 GHz 2.497 GHz/ Span 24.97 GHz Date: 5.SEP.2016 16:46:21

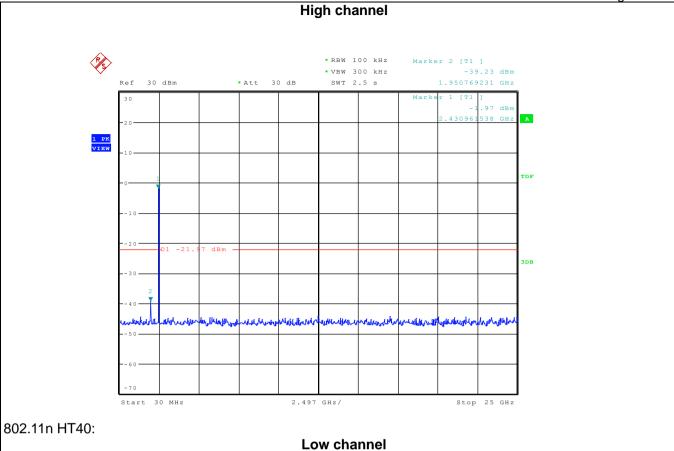
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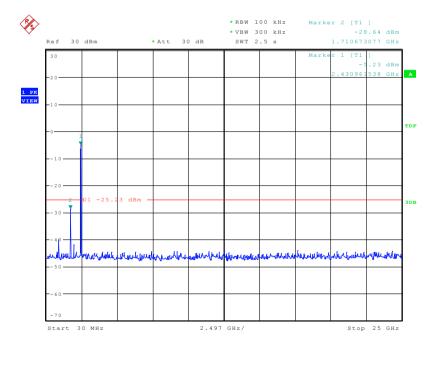






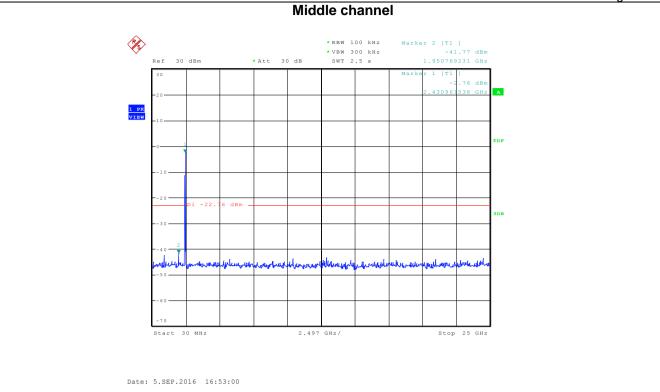
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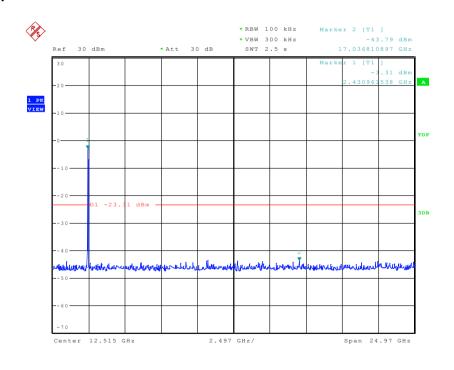


Date: 5.SEP.2016 16:52:14

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High channel



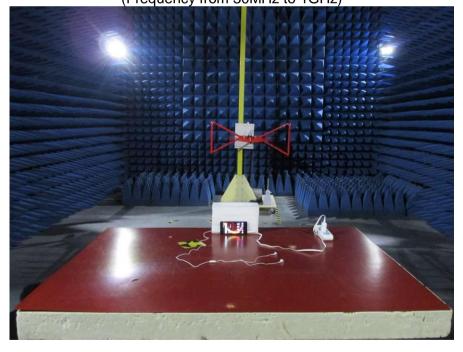
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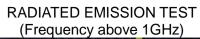
11. EUT TEST PHOTO

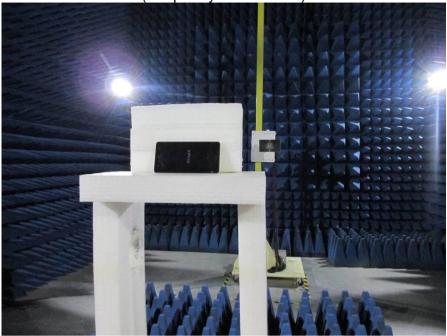




RADIATED EMISSION TEST (Frequency from 30MHz to 1GHz)

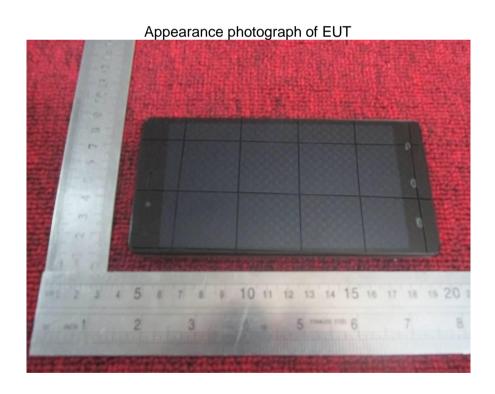






12. PHOTOGRAPHS OF EUT

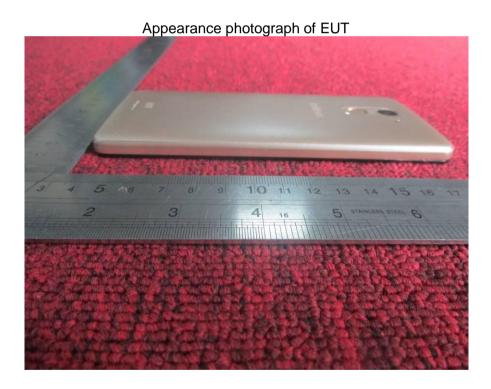






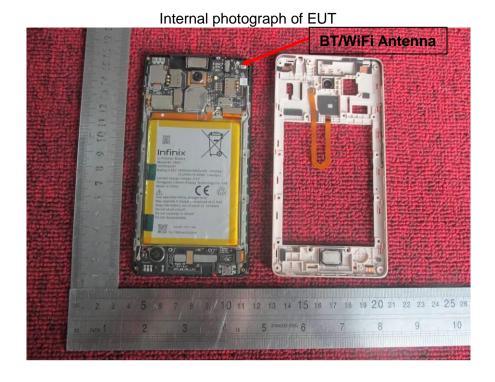


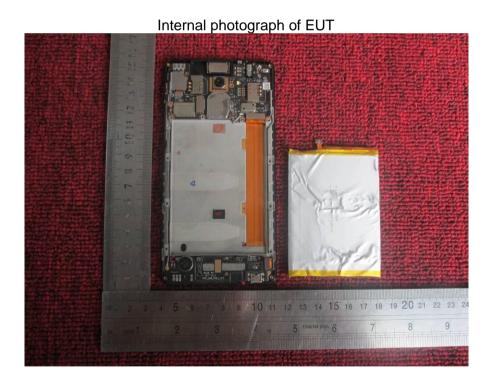






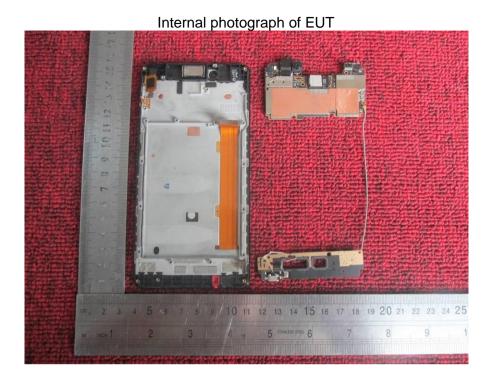


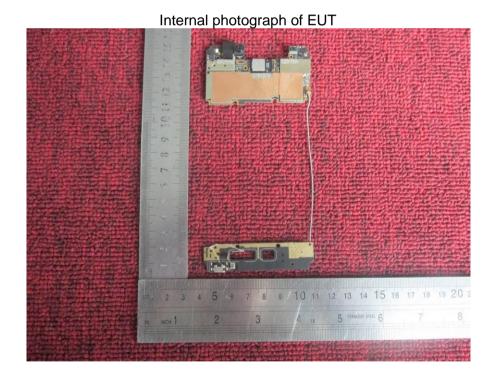


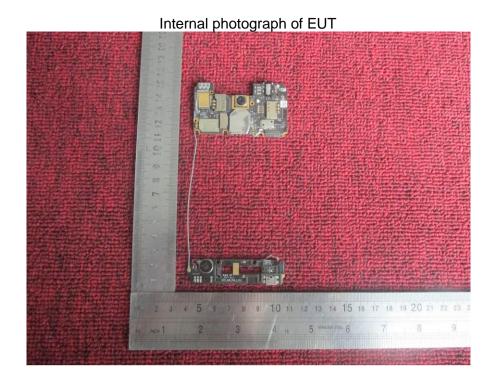


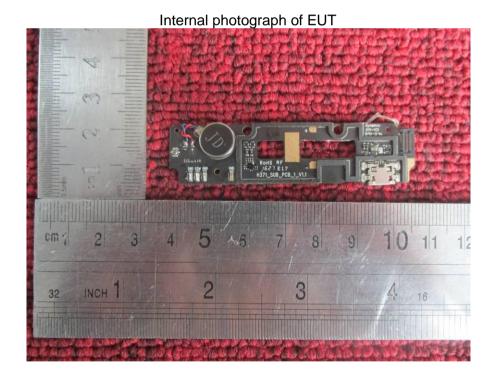


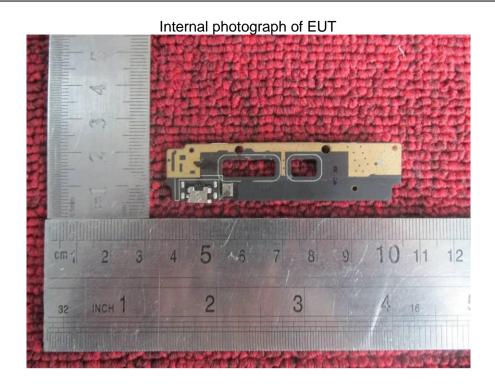


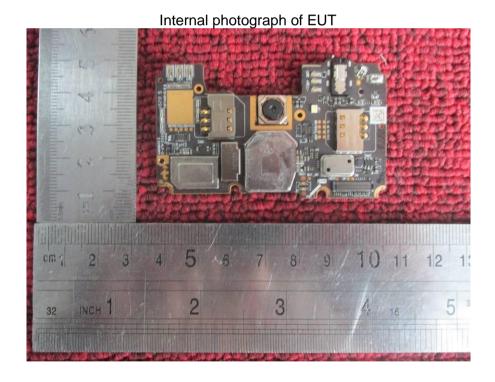


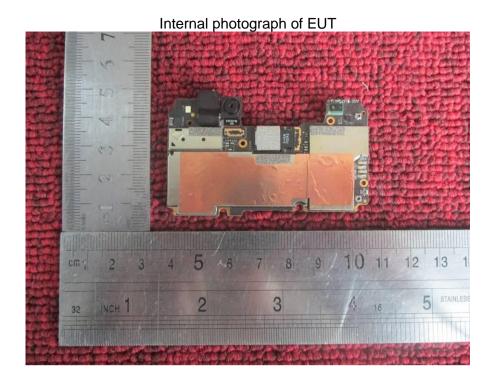


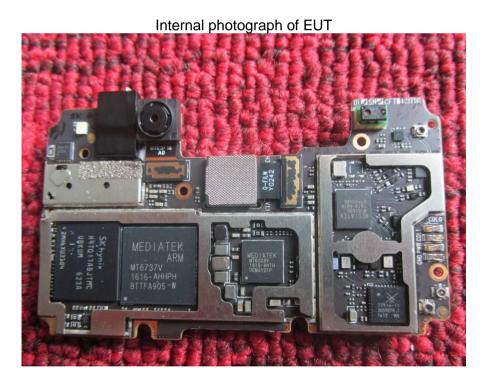


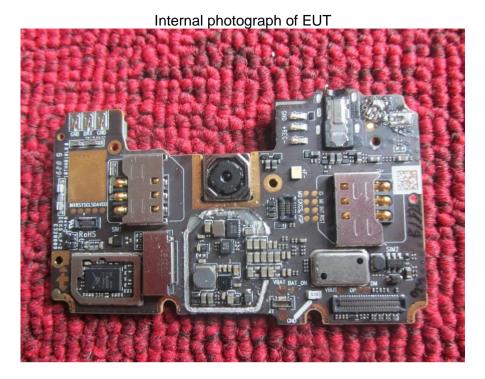












---END OF REPORT---