

FCC REPORT

Applicant:	Shenzhen UMIDIGI company Limited
Address of Applicant:	405-407 Jinqi Zhigu Building, 4/F, 1 Tangling Road, Nanshan District, Shenzhen, China
Equipment Under Test (E	EUT)
Product Name:	Smart phone
Model No.:	A3
Trade mark:	UMIDIGI
FCC ID:	2APL8A3
Applicable standards:	FCC CFR Title 47 Part 15 Subpart B
Date of sample receipt:	29 Sep., 2018
Date of Test:	29 Sep., to 30 Oct., 2018
Date of report issued:	02 Nov., 2018
Test Result:	PASS *

* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:



Laboratory Manager

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product and does not permit the use of the CCIS product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

This report may only be reproduced and distributed in full. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

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Version No.	Date	Description
00	02 Nov., 2018	Original

Tested by:

Test Engineer

Date:

Date:

02 Nov., 2018

02 Nov., 2018

Reviewed by:

han

Project Engineer



		I	Page
1	С	OVER PAGE	1
2	V	ERSION	2
3	С	ONTENTS	3
4	т	EST SUMMARY	4
5	G	ENERAL INFORMATION	5
ſ	5.1	CLIENT INFORMATION	5
ŗ	5.2	GENERAL DESCRIPTION OF E.U.T.	
ŗ	5.3	Test Mode	
ŗ	5.4	MEASUREMENT UNCERTAINTY	5
ŗ	5.5	DESCRIPTION OF SUPPORT UNITS	
ŗ	5.6	Related Submittal(s) / Grant (s)	6
ŗ	5.7	LABORATORY FACILITY	
ŗ	5.8	LABORATORY LOCATION	6
ŗ	5.9	Test Instruments list	7
6	TI	EST RESULTS AND MEASUREMENT DATA	8
6	5.1	CONDUCTED EMISSION	8
6	5.2	Radiated Emission	
7	Т	EST SETUP PHOTO	17
8	E	UT CONSTRUCTIONAL DETAILS	18



Test Item	Section in CFR 47	Result		
Conducted Emission	Part 15.107	Pass		
Radiated Emission	Part 15.109	Pass		
Remark: Pass: The EUT complies with the essential requirements in the standard.				

N/A: The EUT not applicable of the test item.



5.1 Client Information

Applicant:	Shenzhen UMIDIGI company Limited
Address of Applicant:	405-407 Jinqi Zhigu Building, 4/F, 1 Tangling Road, Nanshan District, Shenzhen, China
Manufacturer:	Shenzhen UMIDIGI company Limited
Address:	405-407 Jinqi Zhigu Building, 4/F, 1 Tangling Road, Nanshan District, Shenzhen, China

5.2 General Description of E.U.T.

Product Name:	Smart phone
Model No.:	A3
Power supply:	Rechargeable Li-ion Battery DC3.85V-3300mAh
AC adapter :	Model: HJ-0501000B2-US Input: AC100-240V, 50/60Hz, 0.15A Output: DC 5.0V, 1A
Test Sample Condition:	The test samples were provided in good working order with no visible defects.

5.3 Test Mode

Operating mode	Detail description
PC mode	Keep the EUT in Downloading mode(Worst case)
Charging+Recording mode	Keep the EUT in Charging+Recording mode
Charging+Playing mode	Keep the EUT in Charging+Playing mode
FM mode	Keep the EUT in FM receiver mode
GPS mode	Keep the EUT in GPS receiver mode

The sample was placed 0.8m above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages.

5.4 Measurement Uncertainty

Parameters	Expanded Uncertainty
Conducted Emission (9kHz ~ 30MHz)	±2.22 dB (k=2)
Radiated Emission (9kHz ~ 30MHz)	±2.76 dB (k=2)
Radiated Emission (30MHz ~ 1000MHz)	±4.28 dB (k=2)
Radiated Emission (1GHz ~ 18GHz)	±5.72 dB (k=2)
Radiated Emission (18GHz ~ 40GHz)	±2.88 dB (k=2)



5.5 Description of Support Units

Manufacturer	Description	Model	Serial Number	FCC ID/DoC
DELL	PC	OPTIPLEX745	N/A	DoC
DELL	MONITOR	E178FPC	N/A	DoC
DELL	KEYBOARD	SK-8115	N/A	DoC
DELL	MOUSE	MOC5UO	N/A	DoC
LENOVO	Laptop	SL510	2847A65	DoC

5.6 Related Submittal(s) / Grant (s)

This is an original grant, no related submittals and grants.

5.7 Laboratory Facility

The test facility is recognized, certified, or accredited by the following organizations:

• FCC - Registration No.: 727551

Shenzhen Zhongjian Nanfang Testing Co., Ltd. has been accredited as a testing laboratory by FCC (Federal Communications Commission). The Registration No. is 727551.

• IC - Registration No.: 10106A-1

The 3m Semi-anechoic chamber of Shenzhen Zhongjian Nanfang Testing Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

• CNAS - Registration No.: CNAS L6048

Shenzhen Zhongjian Nanfang Testing Co., Ltd. is accredited to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L6048.

• A2LA - Registration No.: 4346.01

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: <u>https://portal.a2la.org/scopepdf/4346-01.pdf</u>

5.8 Laboratory Location

Shenzhen Zhongjian Nanfang Testing Co., Ltd. Address: No. B-C, 1/F., Building 2, Laodong No.2 Industrial Park, Xixiang Road, Bao'an District, Shenzhen, Guangdong, China Tel: +86-755-23118282, Fax: +86-755-23116366 Email: info@ccis-cb.com, Website: http://www.ccis-cb.com



Radiated Emission:					
Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
3m SAC	SAEMC	9m*6m*6m	966	07-22-2017	07-21-2020
Loop Antenna	SCHWARZBECK	FMZB1519B	00044	03-16-2018	03-15-2019
BiConiLog Antenna	SCHWARZBECK	VULB9163	497	03-16-2018	03-15-2019
Horn Antenna	SCHWARZBECK	BBHA9120D	916	03-16-2018	03-15-2019
Horn Antenna	SCHWARZBECK	BBHA9120D	1805	06-22-2017	06-21-2020
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170582	11-21-2017	11-20-2018
EMI Test Software	AUDIX	E3	V	/ersion: 6.110919	b
Pre-amplifier	HP	8447D	2944A09358	03-07-2018	03-06-2019
Pre-amplifier	CD	PAP-1G18	11804	03-07-2018	03-06-2019
Spectrum analyzer	Rohde & Schwarz	FSP30	101454	03-07-2018	03-06-2019
Spectrum analyzer	Rohde & Schwarz	FSP40	100363	11-21-2017	11-20-2018
EMI Test Receiver	Rohde & Schwarz	ESRP7	101070	03-07-2018	03-06-2019
Cable	ZDECL	Z108-NJ-NJ-81	1608458	03-07-2018	03-06-2019
Cable	MICRO-COAX	MFR64639	K10742-5	03-07-2018	03-06-2019
Cable	SUHNER	SUCOFLEX100	58193/4PE	03-07-2018	03-06-2019

Conducted Emission:					
Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due date
		5001	404400	(mm-dd-yy)	(mm-dd-yy)
EMI Test Receiver	Rohde & Schwarz	ESCI	101189	03-07-2018	03-06-2019
Pulse Limiter	SCHWARZBECK	OSRAM 2306	9731	03-07-2018	03-06-2019
LISN	CHASE	MN2050D	1447	03-19-2018	03-18-2019
LISN	Rohde & Schwarz	ESH3-Z5	8438621/010	07-21-2018	07-20-2019
Cable	HP	10503A	N/A	03-07-2018	03-06-2019
EMI Test Software	AUDIX	E3	Version: 6.110919b		



6 Test results and Measurement Data

6.1 Conducted Emission

Test Requirement:	FCC Part 15 B Section 15.107				
Test Method:	ANSI C63.4:2014				
Test Frequency Range:	150kHz to 30MHz				
Class / Severity:	Class B				
Receiver setup:	RBW=9kHz, VBW=30kHz				
Limit:		Lim	it (dBµV)		
	Frequency range (MHz)	Quasi-peak	Average		
	0.15-0.5	66 to 56*	56 to 46*		
	0.5-5	56	46		
	0.5-30	60	50		
	* Decreases with the logarith	m of the frequency.			
Test setup:	Reference Pla	ne			
	LISN 40cm 80cm Filter AC power Equipment E.U.T Filter AC power Test table/Insulation plane EMI Receiver Remark: E.U.T. Equipment Under Test LISN: Line impedence Stabilization Network Test table height=0.8m				
Test procedure	 The E.U.T and simulators are connected to the main power through a line impedance stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs). Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4: 2014 on conducted measurement. 				
Test environment:	Temp.: 23 °C Humid.: 56% Press.: 101kPa				
Test Instruments:	Refer to section 5.9 for details				
Test mode:	Refer to section 5.3 for details				
Test results:	Pass				
	1 000				



Product name:	Smart	phone			Produc	t model:	A3	
Гest by:	ΥT				Test m	ode:	PC r	node
Test frequency:	150 kl	Hz ~ 30 N	ИНz		Phase:		Line	
Fest voltage:	AC 12	20 V/60 H	z		Enviro	nment:	Tem	ıp: 22.5℃ Huni: 55%
80 Level (c	dBuV)							1
70								
60	-							FCC PART15 B QP
50								FCC PART15 B AV
2	3						7	A 11
40 40	A					. ลิ้. แม่ (กาไม่)		and with A
30	Wyme	Strate and	www.	11. 11	1414 MARCH		han n	
20	VIN	Annen	194 A 1998	(PHHV) boly von Andrea				
10			makenth		Un with Otherstra	Second rear	a configuration of the	" U
0						_		
-10								
.15 .2		.5	1	2 Frequer	ncy (MHz)	5	10	20 30
Trace: 1								
Dement	:		LISN	Cable		Limit	Over	
Remark		Paad	1.1.219	Capie		TTILTC	Over	
Kemark	Freq	Read Level	Factor	Loss	Level	Line		Remark
Kemark	122			Loss dB	Level dBuV	Line dBuV		Remark
	Freq MHz	Level dBuV	Factor <u>d</u> B	đB	dBu∛	dBu∛	Limit dB	
	Freq MHz 0.158 0.162	Level	Factor dB 0.17 0.17		dBu∛ 36.22 44.21	dBu∛	Limit dB -19.34	Average
1 2 3	Freq MHz 0.158 0.162 0.258	Level dBuV 25.28 33.27 30.69	Factor dB 0.17 0.17 0.14	dB 10.77 10.77 10.75	dBuV 36.22 44.21 41.58	dBuV 55.56 - 65.34 - 61.51 -	Limit dB -19.34 -21.13 -19.93	Average QP QP
	Freq MHz 0.158 0.162 0.258 0.258	Level dBuV 25.28 33.27 30.69 22.57	Factor dB 0.17 0.17 0.14 0.14	dB 10.77 10.77 10.75 10.75	dBuV 36.22 44.21 41.58 33.46	dBuV 55.56 - 65.34 - 61.51 - 51.51 -	Limit dB -19.34 -21.13 -19.93 -18.05	Average QP QP Average
1 2 3 4 5 6	Freq MHz 0.158 0.162 0.258 0.258 4.092 5.898	Level dBuV 25.28 33.27 30.69 22.57 22.47 25.50	Factor dB 0.17 0.17 0.14 0.14 0.14 0.18 0.23	dB 10.77 10.77 10.75 10.75 10.89 10.82	dBuV 36. 22 44. 21 41. 58 33. 46 33. 54 36. 55	dBuV 55.56 - 65.34 - 61.51 - 51.51 - 46.00 - 60.00 -	Limit dB -19.34 -21.13 -19.93 -18.05 -12.46 -23.45	Average QP QP Average Average QP
1 2 3 4 5 6 7	Freq MHz 0.158 0.162 0.258 0.258 4.092 5.898 10.019	Level dBuV 25.28 33.27 30.69 22.57 22.47 25.50 27.93	Factor dB 0.17 0.17 0.14 0.14 0.14 0.18 0.23 0.32	dB 10.77 10.77 10.75 10.75 10.89 10.82 10.94	dBuV 36. 22 44. 21 41. 58 33. 46 33. 54 36. 55 39. 19	dBuV 55.56 - 65.34 - 61.51 - 51.51 - 46.00 - 60.00 - 60.00 -	Limit -19.34 -21.13 -19.93 -18.05 -12.46 -23.45 -20.81	Average QP QP Average Average QP QP
1 2 3 4 5 6 7 1 8 1 9	Freq MHz 0.158 0.258 0.258 4.092 5.898 10.019 10.179 16.839	Level dBuV 25. 28 33. 27 30. 69 22. 57 22. 47 25. 50 27. 93 24. 12 35. 73	Factor dB 0.17 0.17 0.14 0.14 0.14 0.18 0.23 0.32 0.32 0.30	dB 10.77 10.75 10.75 10.89 10.82 10.94 10.94 10.91	dBuV 36. 22 44. 21 41. 58 33. 46 33. 54 36. 55 39. 19 35. 38 46. 94	dBuV 55.56 - 65.34 - 61.51 - 51.51 - 46.00 - 60.00 - 60.00 - 50.00 - 60.00 -	Limit -19.34 -21.13 -19.93 -18.05 -12.46 -23.45 -20.81 -14.62 -13.06	Average QP Average Average QP QP Average QP Average QP
1 2 3 4 5 6 7 1 8 1 9 1 10	Freq MHz 0.158 0.162 0.258 0.258 4.092 5.898 10.019 10.179	Level dBuV 25.28 33.27 30.69 22.57 22.47 25.50 27.93 24.12	Factor dB 0.17 0.17 0.14 0.14 0.14 0.18 0.23 0.32 0.32	dB 10.77 10.75 10.75 10.89 10.82 10.94 10.94	dBuV 36. 22 44. 21 41. 58 33. 46 33. 54 36. 55 39. 19 35. 38	dBuV 55.56 - 65.34 - 61.51 - 51.51 - 46.00 - 60.00 - 60.00 - 50.00 - 60.00 -	Limit -19.34 -21.13 -19.93 -18.05 -12.46 -23.45 -20.81 -14.62 -13.06 -10.97	Average QP Average Average QP QP Average QP Average QP Average

Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.

2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.

3. Final Level =Receiver Read level + LISN Factor + Cable Loss.



Product name:	Smar	t phone			Produ	ct model	: A3		
Test by:	YT				Test n	node:	PC	; mode	
Test frequency:	150 k	Hz ~ 30	MHz		Phase	:	Ne	utral	
Test voltage:	AC 12	20 V/60 H	Ηz		Enviro	onment:	Те	mp: 22.5 ℃	Huni: 55%
80 Level 70 60 50 40 30 20 10 -10 .15 .2 Trace: 3	3 MM	Ammun Ammun .5			2 ency (MHz)	5		FCC PARTIE	
Remark	: Freq	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Remark	
	MHz	dBu∛	dB	dB	dBu∛	dBu∛	dB		
1 2 3 4 5 6 7 8 9	0.154 0.158 0.258 0.259 1.418 1.680 1.810 9.552 16.486 16.573	33. 39 27. 32 31. 29 24. 79 22. 45 13. 23 22. 12 18. 70 24. 89 35. 29	0.70 0.65 0.65 0.67 0.67 0.67 0.69 0.69 0.69 0.69	10.78 10.77 10.75 10.92 10.94 10.95 10.92 10.92 10.91 10.91 10.89	44.87 38.79 42.69 36.19 34.04 24.84 33.74 30.31 36.49 46.89 43.43	61.51 - 51.47 - 56.00 - 46.00 - 56.00 - 50.00 - 50.00 - 60.00 -	-16.77 -18.82 -15.28 -21.96 -21.16 -22.26 -19.69 -13.51	Average QP Average QP Average QP Average Average QP	

2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.

3. Final Level =Receiver Read level + LISN Factor + Cable Loss.



6.2 Radiated Emission

Test Requirement:	FCC Part 15 B S	Section 1	5.109						
Test Method:	ANSI C63.4:201	14							
Test Frequency Range:	30MHz to 6000	MHz							
Test site:	Measurement D	istance: 3	3m (Se	mi-Anechoi	c Char	nber))		
Receiver setup:							Remark		
	30MHz-1GHz	Quasi-	•		300k		Quasi-peak Value		
	Above 1GHz	Pea							
		RM		1MHz	3MI	<u>Iz</u>	Average Value		
Limit:	Frequenc	Limit	(dBuV/m @	⊉3m)		Remark			
	30MHz-88M			40.0			Quasi-peak Value		
	88MHz-216M			43.5			Quasi-peak Value		
	216MHz-960			46.0			Quasi-peak Value		
	960MHz-1G	iHz		54.0		(Quasi-peak Value		
	Above 1G	-Iz		54.0			Average Value		
Test setup:				74.0			Peak Value		
	EUT Turn Table Oround Plane – Above 1GHz		Ground R		RF Test Receiver				



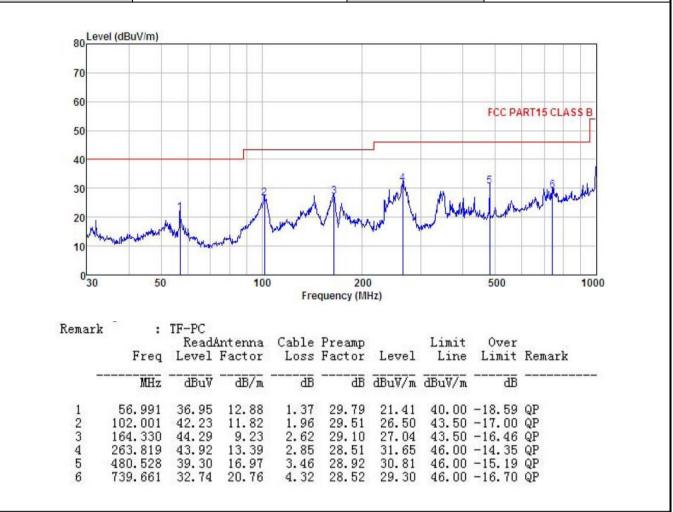
Test Procedure:	ground a degrees 2. The EU antenna tower. 3. The ant ground horizont	at a 3 meter s to determine T was set 3 n , which was n enna height is to determine al and vertica	semi-anechoi e the position neters away f mounted on t s varied from the maximun	of the highes from the inter he top of a va one meter to n value of the	ne table was st radiation. ference-rec ariable-heig o four meter field streng	ceiving ght antenna rs above the			
	and the and the find the	h suspected on the antenna rotatable tab maximum rea	a was tuned t le was turned ading.	o heights fror I from 0 degr	m 1 meter t ees to 360	degrees to			
	5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.								
	6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.								
Test environment:	Temp.:	25 °C	Humid.:	55%	Press.:	1 01kPa			
Test Instruments:	Refer to se	ection 5.9 for	details						
Test mode:	Refer to se	ection 5.3 for	details						
Test results:	Passed								
Remark:	All of the c recorded	bserved valu	e above 6GH	Iz ware the n	iose floor ,	which were no			



Measurement Data:

Below 1GHz:

Product Name:	Smart phone	Product model:	A3
Test By:	YT	Test mode:	PC mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Huni: 57%



Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.

2. The emission levels of other frequencies are very lower than the limit and not show in test report.



	t phone			Pr	oduct m	odel:	A3		
ΥT				Те	st mode	:	PC m	ode	
30 MI	30 MHz ~ 1 GHz			Polarization:			Horizo	ontal	
AC 12	20/60Hz	2		En	vironme	ent:	Temp	: 24 ℃	Huni: 57%
dBuV/m)									
	_							_	
_									
							FCC PAR	T15 CLAS	SB
_				8					
					1				
				3	1. A			.6	1
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walkersterning	man	Algerian	service party.						
		*							
50		100					500		1000
			Fre	quency (MH	IZ)				
: T	F-PC								
						Limit	Over		
Freq	Level	Factor	LOSS	Factor	Level	Line	Limit	Kemari	K
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1112									
	35.86	12.88	1.37	29.79	20.32	40.00	-19.68	QP	
6.991 3.442	37.02	11.91	1.97	29.50	21.40	43.50	-22.10	QP	
6.991 3.442 2.611	37.02 47.47	11.91 9.18	1.97 2.61	29.50 29.11	21.40 30.15	43.50 43.50	-22.10 -13.35	QP QP	
6.991 3.442 2.611 2.948	37.02	11.91	1.97	29.50 29.11 28.53	21.40	43.50 43.50 46.00	-22.10	QP QP QP	
	dBuV/m)	dBuV/m) dBuV/m) 50 : TF-PC ReadA	. TF-PC	dBuV/m) dBuV/m	dBuV/m) dBuV/m	dBuV/m) dBuV/m	dBuV/m) dBu	dBuV/m)	dBuV/m)



Above 1GHz:

Product Name	e: Sm	art phone	9		Pr	oduct m	odel:	A3		
Test By:	YT			Test mode:):	PC m		
Test Frequend	st Frequency: 1 G		Hz		Po	Polarization:			al	
Test Voltage:	AC	120/60H	Z		Er	vironme	ent:	Temp	: 24 ℃	Huni: 57%
enLo	evel (dBuV/m)									
00								FCC	PART 15 (P	PK)
70										
60				_						
00								FCC	PART 15 (A	(V)
50									5	
40					about the option of the option		3	under and the stand	annum	with
40		a. Asta the	unknow	us in hereity	the low woman	where we want the second	have a start and the start and t		6	
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20								_		
10						-		-		
							1			
0										
0	000 1200	1500		2000 Free	uency (MH	z)			5000	6000
		1500			quency (MH	IZ)			5000	6000
0_1 10 Rema:				Free			limit	Ottor	5000	6000
	rk :	Read	Antenna	Free			Limit Line	Over Limit		6000
	rk :	Read Level	Antenna	Free	Preamp Factor	Level		Limit		
	rk : Freq MHz 2821.222	Read Level dBuV 46.98	Antenna Factor B/m 26.65	Free Cable Loss dB 5.16	Preamp Factor dB 41.64	Level dBuV/m 37.15	Line dBuV/m 74.00	Limit 	Remark 	
Rema: 1 2	rk : Freq MHz 2821.222 2821.222	Read. Level dBuV 46.98 36.34	Antenna Factor 	Free Cable Loss dB 5.16 5.16	Preamp Factor dB 41.64 41.64	Level dBuV/m 37.15 26.51	Line dBuV/m 74.00 54.00	Limit dB -36.85 -27.49	Remark Peak Average	
Rema: 1 2 3	rk : Freq 	Read. Level dBuV 46.98 36.34 47.76	Antenna Factor 	Free Cable Loss dB 5.16 5.16 5.71	Preamp Factor dB 41.64 41.64 41.42	Level dBuV/m 37.15 26.51 39.53	Line dBuV/m 74.00 54.00 74.00	Limit -36.85 -27.49 -34.47	Remark Peak Average Peak	
Rema: 1 2 3 4	rk : Freq 	Read. Level dBuV 46.98 36.34 47.76 37.46	Antenna Factor 	Free Cable Loss dB 5.16 5.16 5.71 5.71	Preamp Factor dB 41.64 41.64 41.42 41.42	Level dBuV/m 37.15 26.51 39.53 29.23	Line dBuV/m 74.00 54.00 74.00 54.00	Limit -36.85 -27.49 -34.47 -24.77	Remark Peak Average Peak Average	
Rema: 1 2 3	rk : Freq 	Read. Level dBuV 46.98 36.34 47.76 37.46 47.99	Antenna Factor 	Free Cable Loss dB 5.16 5.16 5.71 5.71 6.94	Preamp Factor dB 41.64 41.64 41.42	Level dBuV/m 37.15 26.51 39.53 29.23 44.85	Line dBuV/m 74.00 54.00 74.00 54.00 54.00 74.00	Limit -36.85 -27.49 -34.47 -24.77 -29.15	Remark Peak Average Peak Average	

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.

2. The emission levels of other frequencies are very lower than the limit and not show in test report.



	e :	Sma	rt phone			Pr	oduct m	odel:	A3		
Test By:		ΥT				Те	st mode	:	PC m	ode	
Test Frequend	cy:	1 GH	GHz ~ 6 GHz Polarization: Horizontal						ontal		
Test Voltage:		AC 1	20/60Hz	<u>Z</u>		En	vironme	ent:	Temp	: 24 ℃ Hun	i: 57%
	·					·			•		
enL	evel (dBu)	//m)									
80									FCC	PART 15 (PK)	
70											
60									FCC	PART 15 (AV)	
50										-	
10							1	3		hours have all and a start and	
40						undurunt	mannamen	romander	And a second	6	
30	meninterme	month	manuschan	man	man	APARTIC AND A	2				
20											
10											
0	1000 12	00	1500		2000					5000 6000	
0	1000 12	00	1500			quency (MH	Iz)			5000 6000	
			1500			quency (MH	iz)			5000 6000	
0 Rema:	rk	:	Read	Intenna	Free	Preamp		Limit	Over		
	rk	:	Read	Antenna Factor	Free				Over Limit		
	rk F	:	Read	Factor	Free	Preamp Factor	Level		Limit		
Rema:	rk F 	: req MHz	Read/ Level dBuV	Factor 	Free Cable Loss 	Preamp Factor dB	Level dBuV/m	Line dBuV/m	Limit dB	Remark	
Rema 1	rk F 2967.	: req MHz 630	Read/ Level dBuV 47.96	Factor 	Free Cable Loss dB 5.31	Preamp Factor dB 41.53	Level dBuV/m 38.84	Line dBuV/m 74.00	Limit 	Remark Peak	
Rema:	rk 2967. 2967. 3748.	: req MHz 630 630 190	Read/ Level dBuV 47.96 37.49 48.36	Factor 	Free Cable Loss dB 5.31 5.31 6.03	Preamp Factor dB 41.53 41.53 41.72	Level dBuV/m 38.84 28.37 40.64	Line dBuV/m 74.00 54.00 74.00	Limit -35.16 -25.63 -33.36	Remark Peak Average Peak	
Rema: 1 2 3 4	rk 2967. 2967. 3748. 3748.	: mHz 630 190 190	Read/ Level dBuV 47.96 37.49 48.36 38.76	Factor dB/m 27.10 27.97 27.97 27.97	Free Cable Loss dB 5.31 5.31 6.03 6.03	Preamp Factor dB 41.53 41.53 41.72 41.72	Level dBuV/m 38.84 28.37 40.64 31.04	Line dBuV/m 74.00 54.00 74.00 54.00	Limit -35.16 -25.63 -33.36 -22.96	Remark Peak Average Peak Average	
Rema: 1 2 3	rk 2967. 2967. 3748.	: MHz 630 630 190 190 643	Read/ Level dBuV 47.96 37.49 48.36	Factor dB/m 27.10 27.97 27.97 27.97	Free Cable Loss dB 5.31 5.31 6.03 6.03	Preamp Factor 41.53 41.53 41.72 41.72 41.89	Level dBuV/m 38.84 28.37 40.64 31.04 45.19	Line dBuV/m 74.00 54.00 74.00 54.00 74.00 74.00	Limit -35.16 -25.63 -33.36 -22.96 -28.81	Remark Peak Average Peak Average	

2. The emission levels of other frequencies are very lower than the limit and not show in test report.