



RADIO TEST REPORT FCC ID: 2ANR9-A1

Product: 3G MOBILE PHONE

Trade Mark: GEOTEL, HX, HUAXIA, HX MOBILE

Model No.: A1

Serial Model: G1,A275,b220,J7, A1 PRO

Report No.: SER170915262002E

Issue Date: 10 Oct. 2017

Prepared for

MEITU ELECTRONICS LIMITED FLAT A&B, 2/F, GEMFAIR COMMERCIAL BUILDING, NO:555-557 CANTON KLN, HK

Prepared by

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Version.1.2 Page 1 of 42





TABLE OF CONTENTS

1	TES	ST RESULT CERTIFICATION	3
2	SUI	MMARY OF TEST RESULTS	4
3	FAC	CILITIES AND ACCREDITATIONS	5
	3.1 3.2 3.3	FACILITIESLABORATORY ACCREDITATIONS AND LISTINGS	5
4	GEI	NERAL DESCRIPTION OF EUT	6
5	DES	SCRIPTION OF TEST MODES	8
6	SET	TUP OF EQUIPMENT UNDER TEST	9
	6.1 6.2 6.3	BLOCK DIAGRAM CONFIGURATION OF TEST SYSTEMSUPPORT EQUIPMENTEQUIPMENTS LIST FOR ALL TEST ITEMS	10 11
7	TES	ST REQUIREMENTS	13
	7.1 7.2 7.3 7.4 7.5 7.6	CONDUCTED EMISSIONS TEST RADIATED SPURIOUS EMISSION 6DB BANDWIDTH. PEAK OUTPUT POWER. POWER SPECTRAL DENSITY CONDUCTED BAND EDGE MEASUREMENT SPURIOUS RF CONDUCTED EMISSIONS	18 27 30 33 36
	7.8	ANTENNA APPLICATION	42





1 TEST RESULT CERTIFICATION

MEITU ELECTRONICS LIMITED		
FLAT A&B, 2/F, GEMFAIR COMMERCIAL BUILDING, NO:555-557		
CANTON KLN, HK		
HUI ZHONG Electronic Technology co.,Ltd. Of Dongguan city		
2F of Building,No.9, Lihe Street Liheng Village Committee, Qingxi		
Town, Dongguan City		
3G MOBILE PHONE		
A1		
G1,A275,b220,J7, A1 PRO		

Measurement Procedure Used:

Medadrement i roccadre esca:				
APPLICABLE STANDARDS				
APPLICABLE STANDARD/ TEST PROCEDURE	TEST RESULT			
FCC 47 CFR Part 2, Subpart J				
FCC 47 CFR Part 15, Subpart C				
KDB 174176 D01 Line Conducted FAQ v01r01	Complied			
ANSI C63.10-2013				
FCC KDB 558074 D01 DTS Meas Guidance v04				

This device described above has been tested by Shenzhen NTEK Testing Technology Co., Ltd., and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

This report shall not be reproduced except in full, without the written approval of Shenzhen NTEK Testing Technology Co., Ltd., this document may be altered or revised by Shenzhen NTEK Testing Technology Co., Ltd., personnel only, and shall be noted in the revision of the document.

The test results of this report relate only to the tested sample identified in this report.

Date of Test	: <u></u>	15 Sep. 2017 ~ 10 Oct. 2017		
Testing Engineer	:	Coke. Xie		
	·	(Lake Xie)		
Technical Manager		Jason chen		
reoninal manager	-	(Jason Chen)		
		Callen		
A (b - 2 - 1 0 4 - 2		Sam. Chen		
Authorized Signatory	:	(Sam Chen)		
		(Sam Sherr)		

Version.1.2 Page 3 of 42





SUMMARY OF TEST RESULTS

FCC Part15 (15.247), Subpart C						
Standard Section Test Item Verdict Ren						
15.207	Conducted Emission	PASS				
15.247 (a)(2)	6dB Bandwidth	PASS				
15.247 (b)	Peak Output Power	PASS				
15.247 (c)	Radiated Spurious Emission	PASS				
15.247 (d)	Power Spectral Density	PASS				
15.205	Band Edge Emission	PASS				
15.203 Antenna Requirement		PASS				

- "N/A" denotes test is not applicable in this Test Report.
 All test items were verified and recorded according to the standards and without any deviation during the test.

Version.1.2 Page 4 of 42





3 FACILITIES AND ACCREDITATIONS

3.1 FACILITIES

All measurement facilities used to collect the measurement data are located at

1/F, Building E, Fenda Science Park, Sanwei Community, Xixiang Street, Bao'an District, Shenzhen 518126 P.R. China

The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.10 and CISPR Publication 22.

3.2 LABORATORY ACCREDITATIONS AND LISTINGS

Site Description

CNAS-Lab. : The Laboratory has been assessed and proved to be in compliance with

CNAS-CL01:2006 (identical to ISO/IEC 17025:2005)

The Certificate Registration Number is L5516.

IC-Registration The Certificate Registration Number is 9270A-1.

FCC- Accredited Test Firm Registration Number: 463705.

Designation Number: CN1184

A2LA-Lab. The Certificate Registration Number is 4298.01

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.

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).

Name of Firm : Shenzhen NTEK Testing Technology Co., Ltd.

Site Location : 1/F, Building E, Fenda Science Park, Sanwei Community, Xixiang

Street, Bao'an District, Shenzhen 518126 P.R. China.

3.3 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement y±U, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

No.	Item	Uncertainty
1	Conducted Emission Test	±2.80dB
2	RF power, conducted	±0.16dB
3	Spurious emissions, conducted	±0.21dB
4	All emissions, radiated(30MHz~1GHz)	±2.64dB
5	All emissions, radiated(1GHz~6GHz)	±2.40dB
6	All emissions, radiated(>6GHz)	±2.52dB
7	Temperature	±0.5°C
8	Humidity	±2%

Version.1.2 Page 5 of 42



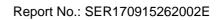


4 GENERAL DESCRIPTION OF EUT

Product Feature and Specification					
Equipment	3G MOBILE PHONE				
Trade Mark	GEOTEL, HX, HUAXIA, HX MOBILE				
FCC ID 2ANR9-A1					
Model No.	A1				
Serial Model	G1,A275,b220,J7, A1 PRO				
Model Difference	All the model are the same circuit and RF module, except the model no.				
Operating Frequency	2402MHz~2480MHz				
Modulation	GFSK				
Number of Channels	40 Channels				
Bluetooth Version	BT V4.0(BLE)				
Antenna Type	FPCB Antenna				
Antenna Gain	1 dBi				
Power supply	⊠Adapter supply: Input:100-240V,50-60Hz 0.15A Output:5V,1000mA				
HW Version	N/A				
SW Version N/A					

Note: Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual.

Version.1.2 Page 6 of 42







Revision History

Report No.	Version	Description	Issued Date
SER170915262002E	Rev.01	Initial issue of report	Oct 10, 2017

Version.1.2 Page 7 of 42



5 **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.

The Transmitter was operated in the normal operating mode. The TX frequency was fixed which was for the purpose of the measurements.

Test of channel included the lowest and middle and highest frequency to perform the test, then record on this report.

Those data rates (1Mbps for GFSK modulation) were used for all test.

The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement –X, Y, and Z-plane. The X-plane results were found as the worst case and were shown in this report.

Carrier Frequency and Channel list:

Channel	Frequency(MHz)
0	2402
1	2404
19	2440
20	2442
	•••
38	2478
39	2480

Note: $fc=2402MHz+k\times 2MHz$ k=0 to 39

he following summary table is snowing all test modes to demonstrate in compilance with the standard.					
	Test Cases				
Test Item	Data Rate/ Modulation				
rest item	Bluetooth 4.0_LE / GFSK				
AC Conducted Emission	Mode 1: normal link mode				
	Mode 1: normal link mode				
Radiated Test	Mode 2: Bluetooth Tx Ch00_2402MHz_1Mbps				
Cases	Mode 3: Bluetooth Tx Ch19_2440MHz_1Mbps				
	Mode 4: Bluetooth Tx Ch39_2480MHz_1Mbps				
Conducted Test	Mode 2: Bluetooth Tx Ch00_2402MHz_1Mbps				
Conducted Test Cases	Mode 3: Bluetooth Tx Ch19_2440MHz_1Mbps				
Cases	Mode 4: Bluetooth Tx Ch39_2480MHz_1Mbps				

Note:

- 1. The engineering test program was provided and the EUT was programmed to be in continuously transmitting mode.
- 2. AC power line Conducted Emission was tested under maximum output power.
- 3. For radiated test cases, the worst mode data rate 1Mbps was reported only, because this data rate has the highest RF output power at preliminary tests, and no other significantly frequencies found in conducted spurious emission.
- 4. EUT is set to continuous transmission mode, duty cycle greater than 98%.

Version.1.2 Page 8 of 42

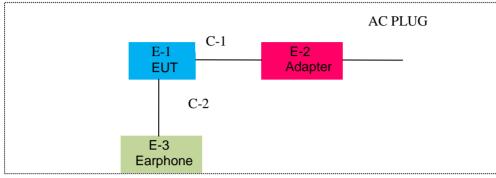




6 SETUP OF EQUIPMENT UNDER TEST

6.1 BLOCK DIAGRAM CONFIGURATION OF TEST SYSTEM

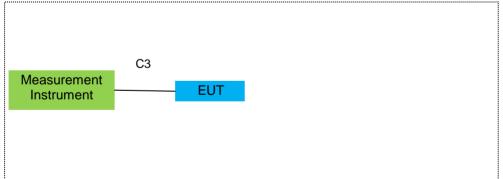
For AC Conducted Emission Mode



For Radiated Test Cases

E-1 EUT

For Conducted Test Cases



Note:The temporary antenna connector is soldered on the PCB board in order to perform conducted tests and this temporary antenna connector is listed in the equipment list.

Version.1.2 Page 9 of 42





6.2 SUPPORT EQUIPMENT

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.	FCC ID	Note
E-1	3G MOBILE PHONE	N/A	A1	2ANR9-A1	EUT
E-2	Adapter	N/A	N/A	N/A	Peripherals
E-3	Earphone	N/A	2688	N/A	Peripherals

Item	Cable Type	Shielded Type	Ferrite Core	Length
C-1	USB Cable	NO	NO	1.2m
C-2	Earphone Cable	NO	NO	0.8m
C-3	RF Cable	NO	NO	0.5m

Notes:

- (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".

Version.1.2 Page 10 of 42





6.3 EQUIPMENTS LIST FOR ALL TEST ITEMS

Radiation Test equipment

Radialic	on Test equipmer	IL					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibrati on period
1	Spectrum Analyzer	Aglient	E4407B	MY45108040	2017.06.06	2018.06.05	1 year
2	Spectrum Analyzer	Agilent	N9020A	MY49100060	2016.11.10	2017.11.09	1 year
3	EMI Test Receiver	Agilent	N9038A	MY53227146	2017.06.06	2018.06.05	1 year
4	Test Receiver	R&S	ESPI	101318	2017.06.06	2018.06.05	1 year
5	Bilog Antenna	TESEQ	CBL6111D	31216	2017.04.09	2018.04.08	1 year
6	50Ω Coaxial Switch	Anritsu	MP59B	6200983705	2017.06.06	2018.06.05	1 year
7	Horn Antenna	EM	EM-AH-1018 0	2011071402	2017.04.09	2018.04.08	1 year
8	Horn Ant	Schwarzbeck	BBHA 9170	9170-181	2017.07.06	2018.07.05	1 year
9	Amplifier	EMC	EMC051835 SE	980246	2017.08.09	2018.08.08	1 year
10	Amplifier	MITEQ	TTA1840-35- HG	177156	2017.06.06	2018.06.05	1 year
11	Loop Antenna	ARA	PLA-1030/B	1029	2017.06.06	2018.06.05	1 year
12	Power Meter	DARE	RPR3006W	15I00041SN O84	2017.08.07	2018.08.06	1 year
13	Test Cable (9KHz-30MHz)	N/A	R-01	N/A	2017.04.21	2020.04.20	3 year
14	Test Cable (30MHz-1GHz)	N/A	R-02	N/A	2017.04.21	2020.04.20	3 year
15	High Test Cable(1G-40G Hz)	N/A	R-03	N/A	2017.04.21	2020.04.20	3 year
16	High Test Cable(1G-40G Hz)	N/A	R-04	N/A	2017.04.21	2020.04.20	3 year
17	temporary antenna connector (Note)	NTS	R001	N/A	N/A	N/A	N/A

Note:

We will use the temporary antenna connector (soldered on the PCB board) When conducted test And this temporary antenna connector is listed within the instrument list

Version.1.2 Page 11 of 42





Conduction Test equipment

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	Test Receiver	R&S	ESCI	101160	2017.06.06	2018.06.05	1 year
2	LISN	R&S	ENV216	101313	2017.04.19	2018.04.18	1 year
3	LISN	SCHWARZBE CK	NNLK 8129	8129245	2017.06.06	2018.06.05	1 year
4	50Ω Coaxial Switch	ANRITSU CORP	MP59B	6200983704	2017.06.06	2018.06.05	1 year
5	Test Cable (9KHz-30MH z)	N/A	C01	N/A	2017.04.21	2020.04.20	3 year
6	Test Cable (9KHz-30MH z)	N/A	C02	N/A	2017.04.21	2020.04.20	3 year
7	Test Cable (9KHz-30MH z)	N/A	C03	N/A	2017.04.21	2020.04.20	3 year

1 Filter TRILTHIC 2400MHz 29 2017.04.19 20	2018.04.18 1 year
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Note: Each piece of equipment is scheduled for calibration once a year.

Version.1.2 Page 12 of 42



7 TEST REQUIREMENTS

7.1 CONDUCTED EMISSIONS TEST

7.1.1 Applicable Standard

According to FCC Part 15.207(a) and KDB 174176 D01 Line Conducted FAQ v01r01

7.1.2 Conformance Limit

Fraguency/MHz)	Conducted Emission Limit			
Frequency(MHz)	Quasi-peak	Average		
0.15-0.5	66-56*	56-46*		
0.5-5.0	56	46		
5.0-30.0	60	50		

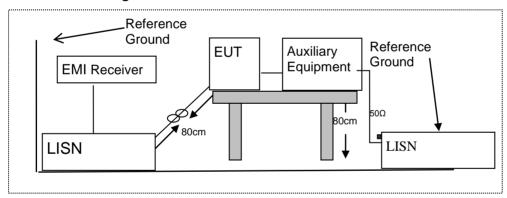
Note: 1. *Decreases with the logarithm of the frequency

- 2. The lower limit shall apply at the transition frequencies
- 3. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

7.1.3 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

7.1.4 Test Configuration



7.1.5 Test Procedure

According to the requirements in Section 13.1.4.1 of ANSI C63.10-2013 Conducted emissions the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode.

- 1. The EUT was placed 0.4 meter from the conducting wall of the shielding room.
- 2. The EUT was placed on a table which is 0.8m above ground plane.
- 3. Connect EUT 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.
- 4. 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 40cm long.
- 5. 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.
- 6. LISN at least 80 cm from nearest part of EUT chassis.
- 7. The frequency range from 150KHz to 30MHz was searched.
- 8. Set the test-receiver system to Peak Detect Function and specified bandwidth(IF bandwidth=9KHz) with Maximum Hold Mode
- 9. For the actual test configuration, please refer to the related Item –EUT Test Photos.

Version.1.2 Page 13 of 42





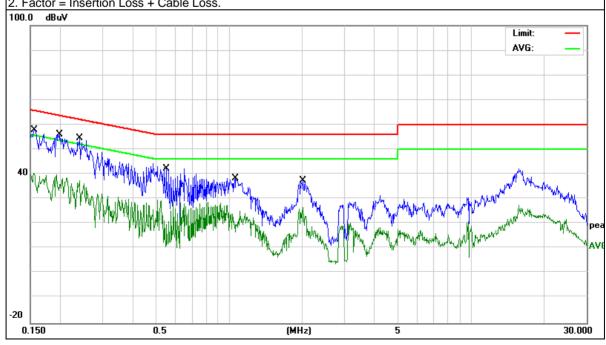
7.1.6 **Test Results**

EUT:	3G MOBILE PHONE	Model Name:	A1
Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	1010hPa	Phase :	L
Test Voltage:	DC 5V from Adapter AC 120V/60Hz	Test Mode:	Mode 1

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Remark
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Remark
0.1580	47.88	9.82	57.70	65.56	-7.86	QP
0.1580	26.53	9.82	36.35	55.56	-19.21	AVG
0.1995	46.28	9.82	56.10	63.63	-7.53	QP
0.1995	26.02	9.82	35.84	53.63	-17.79	AVG
0.2419	44.88	9.82	54.70	62.03	-7.33	QP
0.2419	17.65	9.82	27.47	52.03	-24.56	AVG
0.5500	32.39	9.83	42.22	56.00	-13.78	QP
0.5500	0.78	9.83	10.61	46.00	-35.39	AVG
1.0620	28.47	9.92	38.39	56.00	-17.61	QP
1.0620	9.60	9.92	19.52	46.00	-26.48	AVG
2.0299	27.75	9.85	37.60	56.00	-18.40	QP
2.0299	11.80	9.85	21.65	46.00	-24.35	AVG

Remark:

All readings are Quasi-Peak and Average values.
 Factor = Insertion Loss + Cable Loss.



Version.1.2 Page 14 of 42

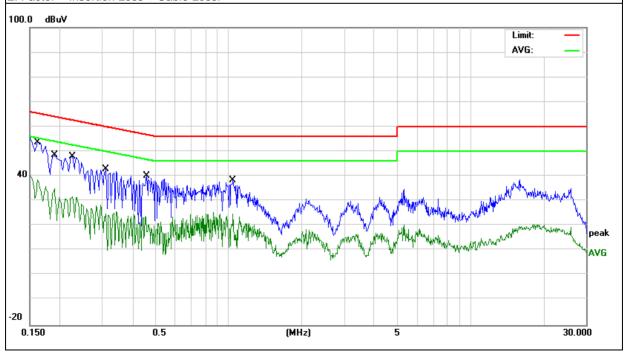




EUT:	3G MOBILE PHONE	Model Name:	A1
Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	1010hPa	Phase :	N
Test Voltage:	DC 5V from Adapter AC 120V/60Hz	Test Mode:	Mode 1

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Domork
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Remark
0.1624	43.80	9.92	53.72	65.34	-11.62	QP
0.1624	28.18	9.92	38.10	55.34	-17.24	AVG
0.1903	38.51	9.92	48.43	64.02	-15.59	QP
0.1903	23.74	9.92	33.66	54.02	-20.36	AVG
0.2260	38.10	9.92	48.02	62.59	-14.57	QP
0.2260	21.78	9.92	31.70	52.59	-20.89	AVG
0.3100	32.87	9.92	42.79	59.97	-17.18	QP
0.3100	14.84	9.92	24.76	49.97	-25.21	AVG
0.4580	30.18	9.93	40.11	56.73	-16.62	QP
0.4580	7.71	9.93	17.64	46.73	-29.09	AVG
1.0460	28.29	9.93	38.22	56.00	-17.78	QP
1.0460	10.71	9.93	20.64	46.00	-25.36	AVG

- All readings are Quasi-Peak and Average values.
 Factor = Insertion Loss + Cable Loss.



Version.1.2 Page 15 of 42

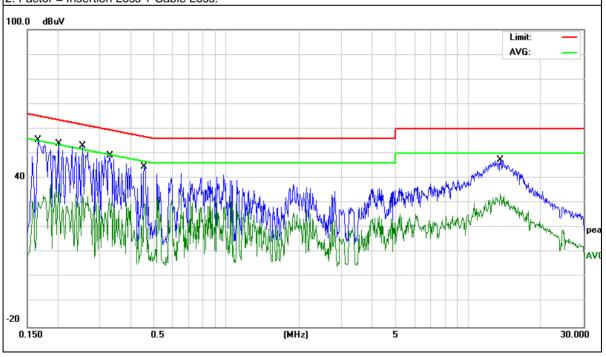




EUT:	3G MOBILE PHONE	Model Name:	A1
Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	1010hPa	Phase :	L
	DC 5V from Adapter AC 240V/60Hz	Test Mode:	Mode 1

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Remark
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Remark
0.1676	45.72	9.82	55.54	65.07	-9.53	QP
0.1676	19.52	9.82	29.34	55.07	-25.73	AVG
0.2028	44.01	9.82	53.83	63.49	-9.66	QP
0.2028	23.52	9.82	33.34	53.49	-20.15	AVG
0.2561	43.27	9.82	53.09	61.55	-8.46	QP
0.2561	17.75	9.82	27.57	51.55	-23.98	AVG
0.3303	39.48	9.82	49.30	59.44	-10.14	QP
0.3303	15.40	9.82	25.22	49.44	-24.22	AVG
0.4580	34.79	9.83	44.62	56.73	-12.11	QP
0.4580	19.96	9.83	29.79	46.73	-16.94	AVG
13.5459	37.41	10.15	47.56	60.00	-12.44	QP
13.5459	19.12	10.15	29.27	50.00	-20.73	AVG

- 1. All readings are Quasi-Peak and Average values.
- 2. Factor = Insertion Loss + Cable Loss.



Version.1.2 Page 16 of 42

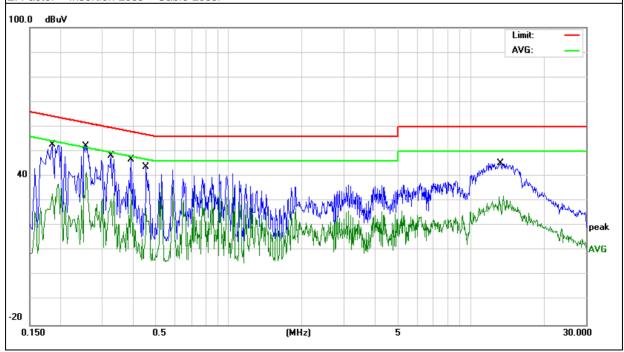




EUT:	3G MOBILE PHONE	Model Name:	A1
Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	1010hPa	Phase :	N
Test Voltage .	DC 5V from Adapter AC 240V/60Hz	Test Mode:	Mode 1

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Domonik
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Remark
0.1873	42.86	9.82	52.68	64.15	-11.47	QP
0.1873	19.60	9.82	29.42	54.15	-24.73	AVG
0.2580	42.38	9.82	52.20	61.49	-9.29	QP
0.2580	31.74	9.82	41.56	51.49	-9.93	AVG
0.3260	38.37	9.82	48.19	59.55	-11.36	QP
0.3260	18.95	9.82	28.77	49.55	-20.78	AVG
0.3940	36.95	9.83	46.78	57.98	-11.20	QP
0.3940	12.90	9.83	22.73	47.98	-25.25	AVG
0.4580	33.84	9.83	43.67	56.73	-13.06	QP
0.4580	12.03	9.83	21.86	46.73	-24.87	AVG
13.2739	35.07	10.13	45.20	60.00	-14.80	QP
13.2739	17.72	10.13	27.85	50.00	-22.15	AVG

- All readings are Quasi-Peak and Average values.
 Factor = Insertion Loss + Cable Loss.



Version.1.2 Page 17 of 42





7.2 RADIATED SPURIOUS EMISSION

7.2.1 Applicable Standard

According to FCC Part 15.247(d) and 15.209 and ANSI C63.10-2013

7.2.2 Conformance Limit

According to FCC Part 15.247(d): radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

According to FCC Part15.205, Restricted bands

According to FCC Fart 15.205, Nestricted bands						
MHz	MHz	MHz	GHz			
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15			
10.495-0.505	16.69475-16.69525	608-614	5.35-5.46			
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75			
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5			
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2			
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5			
6.215-6.218	5.215-6.218 74.8-75.2 1660-1710		10.6-12.7			
6.26775-6.26825	26775-6.26825 123-138 2200-230		14.47-14.5			
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2			
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4			
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12			
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0			
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8			
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5			
12.57675-12.57725	322-335.4	3600-4400	(2)			
13.36-13.41						

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.

·	\ //		
Restricted Frequency(MHz)	Field Strength (µV/m)	Field Strength (dBµV/m)	Measurement Distance
0.009~0.490	2400/F(KHz)	20 log (uV/m)	300
0.490~1.705	2400/F(KHz)	20 log (uV/m)	30
1.705~30.0	30	29.5	30
30-88	100	40	3
88-216	150	43.5	3
216-960	200	46	3
Above 960	500	54	3

Limits of Radiated Emission Measurement(Above 1000MHz)

Frequency(MHz)	Class B (dBuV/m) (at 3M)			
i requericy(ivii iz)	PEAK	AVERAGE		
Above 1000	74 54			

Remark :1. Emission level in dBuV/m=20 log (uV/m)

- 2. Measurement was performed at an antenna to the closed point of EUT distance of meters.
- 3. Distance extrapolation factor =40log(Specific distance/ test distance)(dB); Limit line=Specific limits(dBuV) + distance extrapolation factor.

Version.1.2 Page 18 of 42



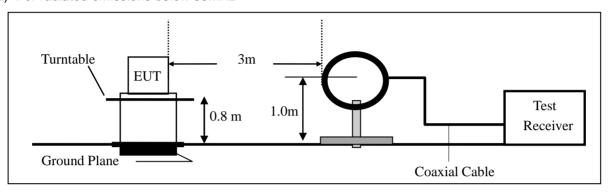


7.2.3 Measuring Instruments

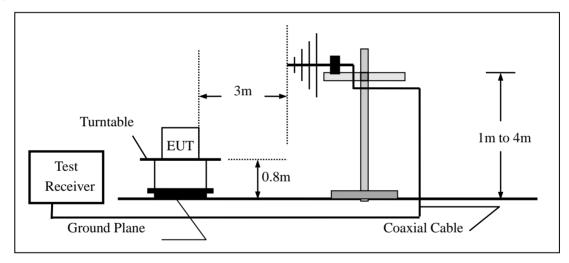
The Measuring equipment is listed in the section 6.3 of this test report.

7.2.4 Test Configuration

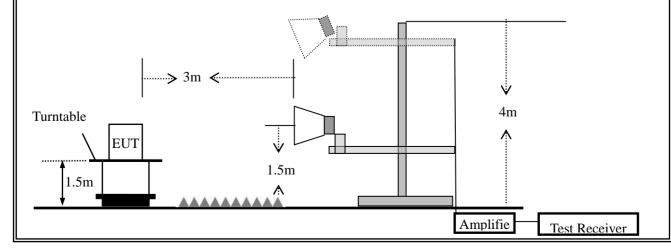
(a) For radiated emissions below 30MHz



(b) For radiated emissions from 30MHz to 1000MHz



(c) For radiated emissions above 1000MHz



Version.1.2 Page 19 of 42



7.2.5 Test Procedure

The test site semi-anechoic chamber has met the requirement of NSA tolerance 4 dB according to the standards: ANSI C63.10-2013. The test distance is 3m.The setup is according to the requirements in Section 13.1.4.1 of ANSI C63.10-2013 and CAN/CSA-CEI/IEC CISPR 22.

This test is required for any spurious emission that falls in a Restricted Band, as defined in Section 15.205. It must be performed with the highest gain of each type of antenna proposed for use with the EUT.

Use the following spectrum analyzer settings:

<u> </u>				
Spectrum Parameter	Setting			
Attenuation	Auto			
Start Frequency	1000 MHz			
Stop Frequency	10th carrier harmonic			
RB / VB (emission in restricted 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

- 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 m for below 1GHz and 1.5m for above 1GHz the ground at a 3 meter. 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 for below 1GHz and 1.5m for above 1GHz; 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. For the radiated emission test above 1GHz:
 - Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
- e. 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.
- f. 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.
- g. 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

Version.1.2 Page 20 of 42





During the radiated emission test, the Spectrum Analyzer was set with the following configurations:

Frequency Band (MHz)	Function	Resolution bandwidth	Video Bandwidth
30 to 1000	QP	120 kHz	300 kHz
Ab 200 4000	Peak	1 MHz	1 MHz
Above 1000	Average	1 MHz	10 Hz

Note: for the frequency ranges below 30 MHz, a narrower RBW is used for these ranges but the measured value should add a RBW correction factor (RBWCF) where RBWCF [dB] =10*lg(100 [kHz]/narrower RBW [kHz]). , the narrower RBW is 1 kHz and RBWCF is 20 dB for the frequency 9 kHz to 150 kHz, and the narrower RBW is 10 kHz and RBWCF is 10 dB for the frequency 150 kHz to 30 MHz.

7.2.6 Test Results

■ Spurious Emission below 30MHz (9KHz to 30MHz)

EUT:	3G MOBILE PHONE	Model No.:	A1
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Lake Xie

Freq.	Ant.Pol.	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
(MHz)	H/V	PK AV		PK	AV	PK	AV

Note: the amplitude of spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.

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

Limit line=Specific limits(dBuV) + distance extrapolation factor

Version.1.2 Page 21 of 42







■ Spurious Emission below 1GHz (30MHz to 1GHz)
All the modulation modes have been tested, and the worst result was report as below:

		, <u> </u>	
EUT:	3G MOBILE PHONE	Model Name:	A1
Temperature:	20 ℃	Relative Humidity:	48%
Pressure:	1010hPa	Test Mode:	Mode 1
Test Voltage:	DC 3.7V from battery	•	

Polar	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(H/V)	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
V	36.0007	12.93	18.47	31.40	40.00	-8.60	QP
V	49.0144	11.95	13.35	25.30	40.00	-14.70	QP
V	77.3212	18.47	11.55	30.02	40.00	-9.98	QP
V	167.8242	21.13	12.57	33.70	43.50	-9.80	QP
V	222.1698	11.25	12.20	23.45	46.00	-22.55	QP
V	866.0878	6.30	25.93	32.23	46.00	-13.77	QP

Remark:

Absolute Level= ReadingLevel+ Factor, Margin= Absolute Level - Limit



Version.1.2 Page 22 of 42

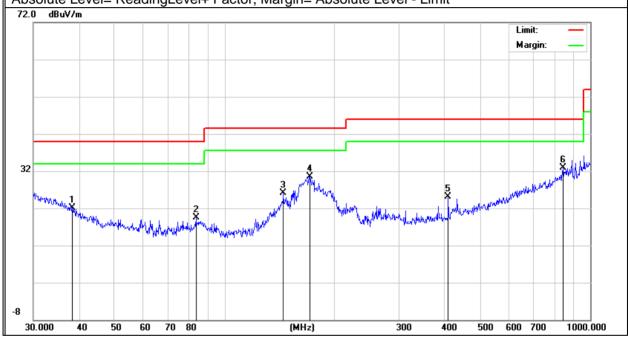






Polar	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(H/V)	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Н	38.3462	4.88	17.27	22.15	40.00	-17.85	QP
Н	83.5220	8.32	11.16	19.48	40.00	-20.52	QP
Н	144.8418	14.81	11.35	26.16	43.50	-17.34	QP
Н	170.7924	17.96	12.64	30.60	43.50	-12.90	QP
Н	408.9460	9.98	15.05	25.03	46.00	-20.97	QP
Н	842.1295	7.28	25.68	32.96	46.00	-13.04	QP

Absolute Level= ReadingLevel+ Factor, Margin= Absolute Level - Limit



Version.1.2 Page 23 of 42





Spurious Emission Above 1GHz (1GHz to 25GHz)

EUT:	3G MOBILE PHONE	Model No.:	A1
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Lake Xie

Frequenc y	Read Level	Cable loss	Antenna Factor	Preamp Factor	Emission Level	Limits	Margin	Remark	Comment
(MHz)	(dBµV)	(dB)	dB/m	(dB)	(dBµV/m)	(dBµV/m)	(dB)		
			Low	Channel (2	402 MHz)-	Above 1G			
4804.338	63.35	5.21	35.59	44.30	59.85	74.00	-14.15	Pk	Vertical
4804.338	40.15	5.21	35.59	44.30	36.65	54.00	-17.35	AV	Vertical
7206.107	62.67	6.48	36.27	44.60	60.82	74.00	-13.18	Pk	Vertical
7206.107	41.98	6.48	36.27	44.60	40.13	54.00	-13.87	AV	Vertical
4804.169	66.64	5.21	35.55	44.30	63.10	74.00	-10.90	Pk	Horizontal
4804.169	45.57	5.21	35.55	44.30	42.03	54.00	-11.97	AV	Horizontal
7206.214	63.29	6.48	36.27	44.52	61.52	74.00	-12.48	Pk	Horizontal
7206.214	42.21	6.48	36.27	44.52	40.44	54.00	-13.56	AV	Horizontal
	Mid Channel (2440 MHz)-Above 1G								
4880.473	61.12	5.21	35.66	44.20	57.79	74.00	-16.21	Pk	Vertical
4880.473	43.29	5.21	35.66	44.20	39.96	54.00	-14.04	AV	Vertical
7320.265	60.47	7.10	36.50	44.43	59.64	74.00	-14.36	Pk	Vertical
7320.265	40.11	7.10	36.50	44.43	39.28	54.00	-14.72	AV	Vertical
4880.366	66.59	5.21	35.66	44.20	63.26	74.00	-10.74	Pk	Horizontal
4880.366	46.65	5.21	35.66	44.20	43.32	54.00	-10.68	AV	Horizontal
7320.234	60.53	7.10	36.50	44.43	59.70	74.00	-14.30	Pk	Horizontal
7320.234	38.95	7.10	36.50	44.43	38.12	54.00	-15.88	AV	Horizontal
			High	Channel (2	480 MHz)-	Above 1G			
4960.482	67.42	5.21	35.52	44.21	63.94	74.00	-10.06	Pk	Vertical
4960.482	48.95	5.21	35.52	44.21	45.47	54.00	-8.53	AV	Vertical
7440.131	61.99	7.10	36.53	44.60	61.02	74.00	-12.98	Pk	Vertical
7440.131	40.23	7.10	36.53	44.60	39.26	54.00	-14.74	AV	Vertical
4960.326	62.57	5.21	35.52	44.21	59.09	74.00	-14.91	Pk	Horizontal
4960.326	43.65	5.21	35.52	44.21	40.17	54.00	-13.83	AV	Horizontal
7440.199	61.22	7.10	36.53	44.60	60.25	74.00	-13.75	Pk	Horizontal
7440.199	40.13	7.10	36.53	44.60	39.16	54.00	-14.84	AV	Horizontal

Note: (1) All Readings are Peak Value (VBW=3MHz) and AV Value (VBW=10Hz). (2) Emission Level= Antenna Factor + Cable Loss + Read Level - Preamp Factor

(3)All other emissions more than 20dB below the limit.

Version.1.2 Page 24 of 42





■ Spurious Emission in Restricted Band 2310-2390MHz and 2483.5-2500MHz							
EUT:	3G MOBILE PHONE	Model No.:	A1				
Temperature:	20 ℃	Relative Humidity:	48%				
Test Mode:	Mode2/ Mode4	Test By:	Lake Xie				

Frequenc	Meter Reading	Cable Loss	Antenna Factor	Preamp Factor	Emission Level	Limits	Margin	Detector	Comment
(MHz)	(dBµV)	(dB)	dB/m	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре	
, ,	(- - /	(- /		, ,	SK	(- - /	(-)	71 -	
2310.00	61.34	2.97	27.80	43.80	48.31	74	-25.69	Pk	Horizontal
2310.00	42.29	2.97	27.80	43.80	29.26	54	-24.74	AV	Horizontal
2310.00	62.59	2.97	27.80	43.80	49.56	74	-24.44	Pk	Vertical
2310.00	48.74	2.97	27.80	43.80	35.71	54	-18.29	AV	Vertical
2390.00	63.35	3.14	27.21	43.80	49.90	74	-24.10	Pk	Vertical
2390.00	42.13	3.14	27.21	43.80	28.68	54	-25.32	AV	Vertical
2390.00	60.69	3.14	27.21	43.80	47.24	74	-26.76	Pk	Horizontal
2390.00	41.17	3.14	27.21	43.80	27.72	54	-26.28	AV	Horizontal
2483.50	62.67	3.58	27.70	44.00	49.95	74	-24.05	Pk	Vertical
2483.50	43.33	3.58	27.70	44.00	30.61	54	-23.39	AV	Vertical
2483.50	60.58	3.58	27.70	44.00	47.86	74	-26.14	Pk	Horizontal
2483.50	42.28	3.58	27.70	44.00	29.56	54	-24.44	AV	Horizontal
2500.00	61.02	3.58	27.70	44.00	48.30	74	-25.70	Pk	Vertical
2500.00	43.69	3.58	27.70	44.00	30.97	54	-23.03	AV	Vertical
2500.00	59.61	3.58	27.70	44.00	46.89	74	-27.11	Pk	Horizontal
2500.00	46.87	3.58	27.70	44.00	34.15	54	-19.85	AV	Horizontal

Note: (1) All other emissions more than 20dB below the limit.

Version.1.2 Page 25 of 42





■ Spurious Emission in Restricted Band 3260MMHz-18000MHz, 18000MMHz-26000MHz

EUT:	3G MOBILE PHONE	Model No.:	A1
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/ Mode4	Test By:	Lake Xie

Frequenc	Readin g Level	Cable Loss	Antenn a	Preamp Factor	Emission Level	Limits	Margin	Detect or	
(MHz)	(dBµV)	(dB)	dB/m	(dB)	(dBµ V/m)	(dBµ V/m)	(dB)	Туре	Comment
3260	62.23	4.04	29.57	44.70	51.14	74	-22.86	Pk	Vertical
3260	51.14	4.04	29.57	44.70	40.05	54	-13.95	AV	Vertical
3260	62.59	4.04	29.57	44.70	51.50	74	-22.50	Pk	Horizontal
3260	53.37	4.04	29.57	44.70	42.28	54	-11.72	AV	Horizontal
3332	62.22	4.26	29.87	44.40	51.95	74	-22.05	Pk	Vertical
3332	53.29	4.26	29.87	44.40	43.02	54	-10.98	AV	Vertical
3332	62.95	4.26	29.87	44.40	52.68	74	-21.32	Pk	Horizontal
3332	53.28	4.26	29.87	44.40	43.01	54	-10.99	AV	Horizontal
17797	42.27	10.99	43.95	43.50	53.71	74	-20.29	Pk	Vertical
17797	32.26	10.99	43.95	43.50	43.70	54	-10.30	AV	Vertical
17788	43.21	11.81	43.69	44.60	54.11	74	-19.89	Pk	Horizontal
17788	31.19	11.81	43.69	44.60	42.09	54	-11.91	AV	Horizontal
19587	61.25	4.26	29.87	44.40	50.98	74	-23.02	Pk	Vertical
19587	52.17	4.26	29.87	44.40	41.90	54	-12.10	AV	Vertical
19587	63.25	4.26	29.87	44.40	52.98	74	-21.02	Pk	Horizontal
19587	56.21	4.26	29.87	44.40	45.94	54	-8.06	AV	Horizontal
24126	45.63	10.99	43.95	43.50	57.07	74	-16.93	Pk	Vertical
24126	34.16	10.99	43.95	43.50	45.60	54	-8.40	AV	Vertical
24126	47.21	11.81	43.69	44.60	58.11	74	-15.89	Pk	Horizontal
24126	35.62	11.81	43.69	44.60	46.52	54	-7.48	AV	Horizontal

Note: (1) All other emissions more than 20dB below the limit.

Version.1.2 Page 26 of 42



7.3 6DB BANDWIDTH

7.3.1 Applicable Standard

According to FCC Part 15.247(a)(2) and KDB 558074 DTS 01 Meas. Guidance v04

7.3.2 Conformance Limit

The minimum permissible 6dB bandwidth is 500 kHz.

7.3.3 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

7.3.4 Test Setup

Please refer to Section 6.1 of this test report.

7.3.5 Test Procedure

The testing follows KDB 558074 DTS 01 Meas. Guidance v04

The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.

The path loss was compensated to the results for each measurement.

Set to the maximum power setting and enable the EUT transmit continuously.

The EUT was operating in controlled its channel.

Use the following spectrum analyzer settings:

- a) Set RBW = 100 kHz.
- b) Set the video bandwidth (VBW) ≥ 3 □ RBW.
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Sweep = auto couple.
- f) Allow the trace to stabilize.
- g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

7.3.6 Test Results

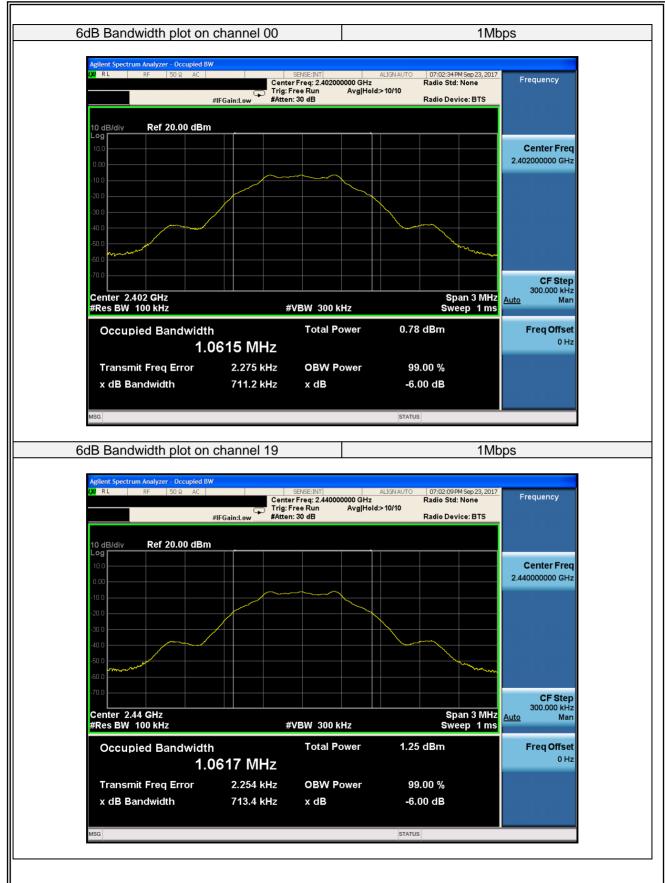
EUT:	3G MOBILE PHONE	Model No.:	A1
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Lake Xie

Channel	Frequency (MHz)	6dB bandwidth (kHz)	Limit (kHz)	Result
Low	2402	711.2	≥500	Pass
Middle	2440	713.4	≥500	Pass
High	2480	713.6	≥500	Pass

Version.1.2 Page 27 of 42



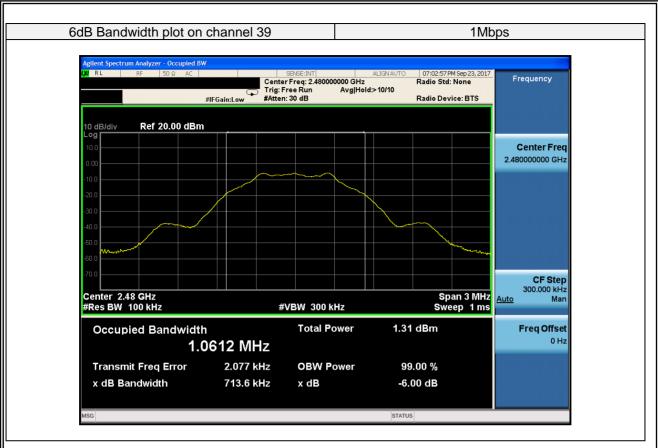




Version.1.2 Page 28 of 42







Version.1.2 Page 29 of 42

7.4 PEAK OUTPUT POWER

NTEK

7.4.1 Applicable Standard

According to FCC Part 15.247(b)(3) and KDB 558074 DTS 01 Meas. Guidance v04

7.4.2 Conformance Limit

The maximum peak conducted output power of the intentional radiator for systems using digital modulation in the 2400 - 2483.5 MHz bands shall not exceed: 1 Watt (30dBm). If transmitting antenna of directional gain greater than 6dBi is used, the peak output power from the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the antenna exceeds 6 dBi. In case of point-to-point operation, the limit has to be reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi.

7.4.3 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

7.4.4 Test Setup

Please refer to Section 6.1 of this test report.

7.4.5 Test Procedure

The testing follows KDB 558074 DTS 01 Meas. Guidance v04

The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.

The path loss was compensated to the results for each measurement.

Set to the maximum power setting and enable the EUT transmit continuously.

The EUT was operating in controlled its channel.

Use the following spectrum analyzer settings:

Set the RBW ≥DTS bandwidth

Set VBW = 3*RBW

Set the span ≥3*RBW

Set Sweep time = auto couple.

Set Detector = peak.

Set Trace mode = max hold.

Allow trace to fully stabilize.

Use peak marker function to determine the peak amplitude level.

7.4.6 Test Results

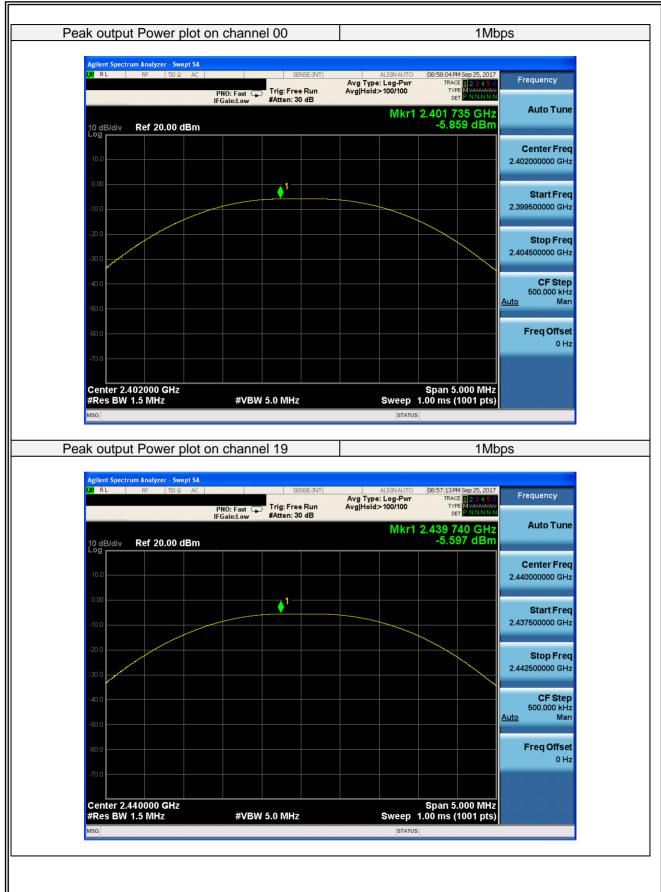
EUT:	3G MOBILE PHONE	Model No.:	A1
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Lake Xie

Test Channel	Frequency (MHz)	Power Setting	Peak Output Power (dBm)	LIMIT (dBm)	Verdict			
	1Mbps							
00	2402	Default	-5.859	30	PASS			
19	2440	Default	-5.597	30	PASS			
39	2480	Default	-5.179	30	PASS			

Version.1.2 Page 30 of 42



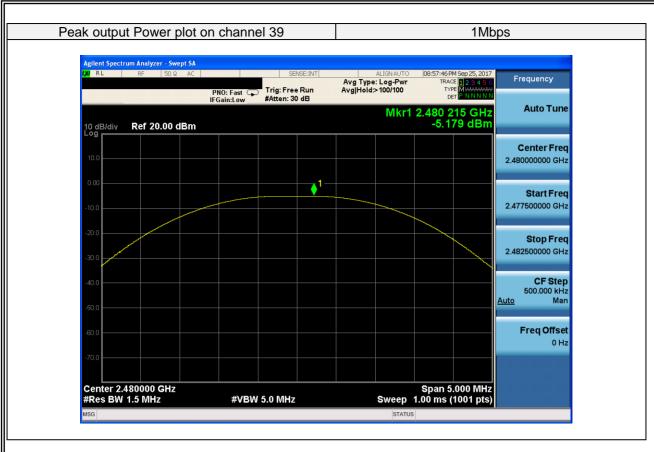




Version.1.2 Page 31 of 42







Version.1.2 Page 32 of 42





7.5 POWER SPECTRAL DENSITY

7.5.1 Applicable Standard

According to FCC Part 15.247(e) and KDB 558074 DTS 01 Meas. Guidance v04

7.5.2 Conformance Limit

The transmitter power spectral density conducted from the transmitter to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

7.5.3 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

7.5.4 Test Setup

Please refer to Section 6.1 of this test report.

7.5.5 Test Procedure

The testing follows Measurement Procedure 10.3 Method AVGPSD of FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v04

This procedure may be used when the maximum (average) conducted output power was used to demonstrate compliance to the output power limit. This is the baseline method for determining the maximum (average) conducted PSD level. If the instrument has an RMS power averaging detector, it must be used; otherwise, use the sample detector. The EUT must be configured to transmit continuously (duty cycle ≥ 98%); otherwise sweep triggering/signal gating must be implemented to ensure that measurements are made only when the EUT is transmitting at its maximum power control level (no transmitter off time is to be considered).

The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.

The path loss was compensated to the results for each measurement.

Set to the maximum power setting and enable the EUT transmit continuously.

The EUT was operating in controlled its channel.

- a) Set instrument center frequency to DTS channel center frequency.
- b) Set the span to 1.5 times DTS bandwidth.
- c) Set RBW to: $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{kHz}$.
- d) Set VBW ≥3 x RBW.
- e) Detector = power averaging (RMS) or sample detector (when RMS not available).
- f) Ensure that the number of measurement points in the sweep $\geq 2 \times \text{span/RBW}$.
- g) Sweep time = auto couple.
- h) Employ trace averaging (RMS) mode over a minimum of 100 traces.
- i) Use the peak marker function to determine the maximum amplitude level.
- j) If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat (note that this may require zooming in on the emission of interest and reducing

Version.1.2 Page 33 of 42





7.5.6 Test Results

EUT:	3G MOBILE PHONE	Model No.:	A1
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Lake Xie

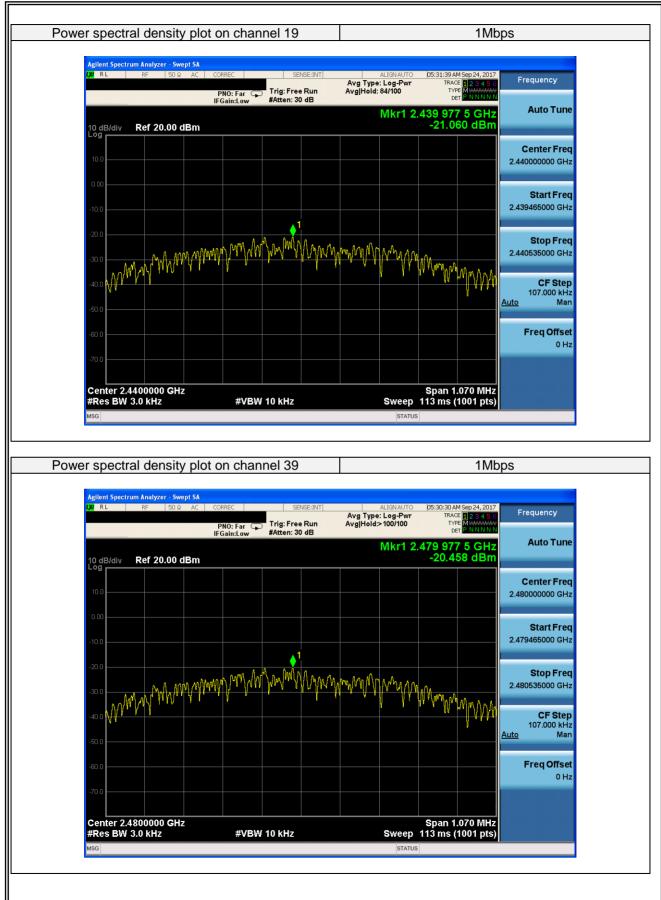
Test Channel	Frequency (MHz)	Power Density (dBm/3KHz)	Limit (dBm/3KHz)	Verdict		
1Mbps						
00	2402	-21.278	8	PASS		
19	2440	-21.060	8	PASS		
39	2480	-20.458	8	PASS		

Power spectral density plot on channel 00 1Mbps Avg Type: Log-Pwr Avg|Hold:>100/100 Frequency PNO: Far Trig: Free Run IFGain:Low #Atten: 30 dB **Auto Tune** Mkr1 2.401 900 9 GHz -21.278 dBm Ref 20.00 dBm Center Freq 2.402000000 GHz Start Freq 2.401467000 GHz Myre No harmand brever broken to the month of the month of the second of Stop Freq 2.402533000 GHz CF Step 106.600 kHz Man <u>Auto</u> Freq Offset 0 Hz Span 1.066 MHz Sweep 112 ms (1001 pts) Center 2.4020000 GHz #Res BW 3.0 kHz #VBW 10 kHz

Version.1.2 Page 34 of 42







Version.1.2 Page 35 of 42



7.6 CONDUCTED BAND EDGE MEASUREMENT

7.6.1 Applicable Standard

According to FCC Part 15.247(d) and KDB 558074 DTS 01 Meas. Guidance v04

7.6.2 Conformance Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

7.6.3 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

7.6.4 Test Setup

Please refer to Section 6.1 of this test report.

7.6.5 Test Procedure

The testing follows FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v04.

The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.

The path loss was compensated to the results for each measurement.

Set to the maximum power setting and enable the EUT transmit continuously.

The EUT was operating in controlled its channel.

Set RBW to 100 kHz and VBW of spectrum analyzer to 300 kHz with a convenient frequency span including 100 kHz bandwidth from band edge.

Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.

Repeat above procedures until all measured frequencies were complete.

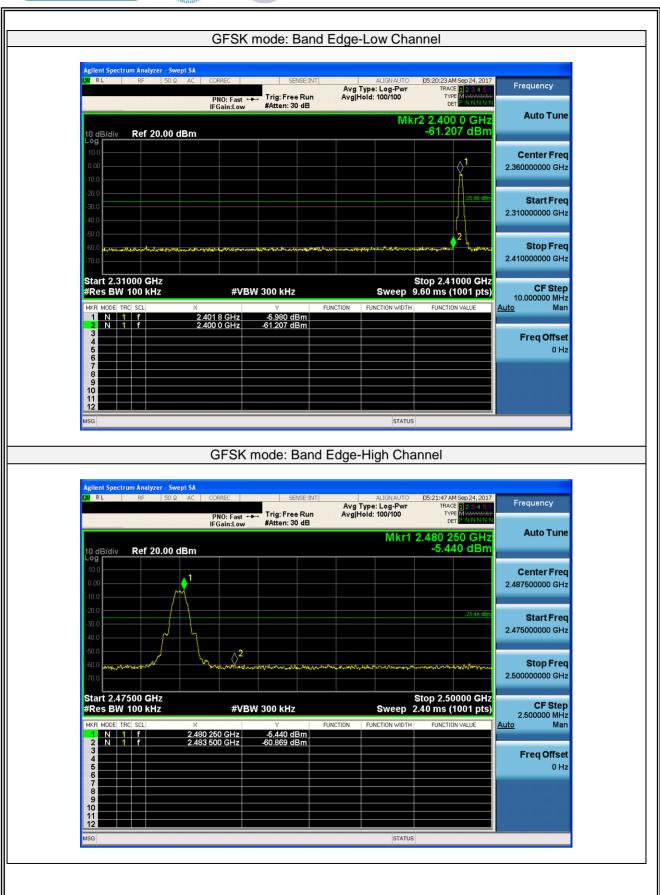
7.6.6 Test Results

EUT:	3G MOBILE PHONE	Model No.:	A1
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode4	Test By:	Lake Xie

Version.1.2 Page 36 of 42







Version.1.2 Page 37 of 42



7.7 SPURIOUS RF CONDUCTED EMISSIONS

7.7.1 Conformance Limit

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

7.7.2 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

7.7.3 Test Setup

Please refer to Section 6.1 of this test report.

7.7.4 Test Procedure

The Spurious RF conducted emissions compliance of RF radiated emission should be measured by following the guidance in ANSI C63.10-2013 with respect to maximizing the emission by rotating the EUT, measuring the emission while the EUT is situated in three orthogonal planes (if appropriate), adjusting the measurement antenna height and polarization etc. Set RBW=100kHz and VBW= 300KHz to measure the peak field strength, and measure frequeny range from 9KHz to 26.5GHz.

7.7.5 Test Results

Remark: The measurement frequency range is from 9KHz to the 10th harmonic of the fundamental frequency. The lowest, middle and highest channels are tested to verify the spurious emissions and bandege measurement data.

Version.1.2 Page 38 of 42



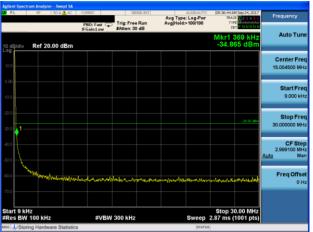


Test Plot

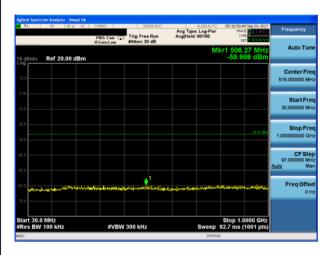
GFSK on channel 00



GFSK on channel 00



GFSK on channel 00



GFSK on channel 00



Version.1.2 Page 39 of 42



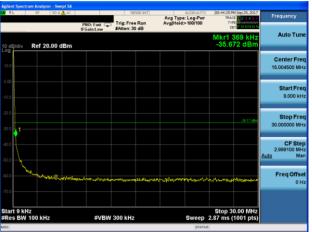


Test Plot

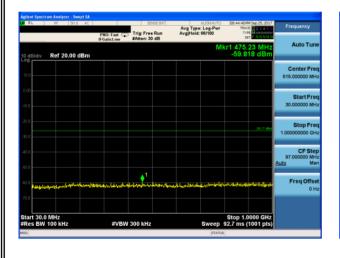
GFSK on channel 19



GFSK on channel 19



GFSK on channel 19



GFSK on channel 19



Version.1.2 Page 40 of 42



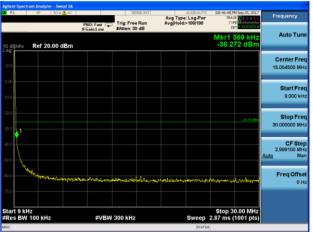


Test Plot

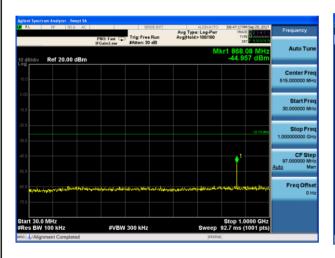
GFSK on channel 39



GFSK on channel 39



GFSK on channel 39



GFSK on channel 39



Version.1.2 Page 41 of 42





7.8 ANTENNA APPLICATION

7.8.1 Antenna Requirement

15.203 requirement: For intentional device, according to 15.203: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

7.8.2 **Result**

The EUT antenna is permanent attached FPCB antenna(Gain:1dBi). It comply with the standard requirement.

END OF REPORT

Version.1.2 Page 42 of 42