



RF TEST REPORT

Product Name: Smartphone

Model Name: A180

FCC ID: 2A9SN-A180

Issued For : INOI Limited

Office 302, Dominion Centre 43-59, Queens Road, East
Wanchai, Hong Kong, China

Issued By : Shenzhen LGT Test Service Co., Ltd.

Room 205, Building 13, Zone B, Chen Hsong Industrial Park,
No.177 Renmin West Road, Jinsha Community, Kengzi
Street, Pingshan New District, Shenzhen, China

Report Number: LGT23C066RF03

Sample Received Date: Mar. 24, 2023

Date of Test: Mar. 24, 2023 ~ Apr. 17, 2023

Date of Issue: Apr. 17, 2023

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TEST REPORT CERTIFICATION

Applicant: INOI Limited
Address: Office 302, Dominion Centre 43-59, Queens Road, East Wanchai, Hong Kong, China

Manufacturer: INOI Limited
Address: Office 302, Dominion Centre 43-59, Queens Road, East Wanchai, Hong Kong, China

Product Name: Smartphone

Trademark: INOI

Model Name: A180

Sample Status: Normal

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC Part 15.247, Subpart C ANSI C63.10-2013	PASS

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Technical Director





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Revision History

Rev.	Issue Date	Contents
00	Apr. 17, 2023	Initial Issue



1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:
KDB 558074 D01 15.247 Meas Guidance v05r02.

FCC Part 15.247, Subpart C			
Standard Section	Test Item	Judgment	Remark
15.207	Conducted Emission	PASS	--
15.247 (a)(2)	6dB Bandwidth	PASS	--
15.247 (b)(3)	Output Power	PASS	--
15.209	Radiated Spurious Emission	PASS	--
15.247 (d)	Conducted Spurious & Band Edge Emission	PASS	--
15.247 (e)	Power Spectral Density	PASS	--
15.205	Restricted Band Edge Emission	PASS	--
Part 15.247(d)/ Part 15.209(a)	Band Edge Emission	PASS	--
15.203	Antenna Requirement	PASS	--

NOTE:

- (1) 'N/A' denotes test is not applicable in this Test Report.
- (2) All tests are according to ANSI C63.10-2013.



1.1 TEST FACTORY

Company Name:	Shenzhen LGT Test Service Co., Ltd.
Address:	Room 205, Building 13, Zone B, Chen Hsong Industrial Park, No.177 Renmin West Road, Jinsha Community, Kengzi Street, Pingshan New District, Shenzhen, China
Accreditation Certificate	A2LA Certificate No.: 6727.01
	FCC Registration No.: 746540
	CAB ID: CN0136

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, 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	RF Output Power, Conducted	$\pm 0.71\text{dB}$
2	Power Spectral Density, Conducted	$\pm 1.57 \text{ dB}$
3	Unwanted Emission, Conducted	$\pm 0.63\text{dB}$
4	Conducted emission	$\pm 2.80\text{dB}$
5	All Emissions, Radiated (0.009-30MHz)	$\pm 2.16\text{dB}$
6	All Emissions, Radiated (30MHz-1GHz)	$\pm 4.40\text{dB}$
7	All Emissions, Radiated (1GHz-18GHz)	$\pm 5.49\text{dB}$



2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF THE EUT

Product Name:	Smartphone
Trademark:	INOI
Model Name:	A180
Series Model:	N/A
Model Difference:	There're have 128+4GB and 258+8GB two kinds of memory configurations
Product Description:	The EUT is a Smartphone
	Operation Frequency: 802.11b/g/n: 2412~2462 MHz 802.11n (40MHz):2422~2452MHz
	Modulation Type: 802.11b(DSSS):CCK,DQPSK,DBPSK 802.11g(OFDM):BPSK,QPSK,16-QAM,64-QAM 802.11n(OFDM):BPSK,QPSK,16-QAM,64-QAM
	Number of Channel: 802.11b/g/n: 11CH 802.11n: 7CH
	Antenna Designation: PIFA Antenna
	Antenna Gain(dBi): -0.85
Channel List:	Please refer to the Note 2.
Adapter:	Model: IN-C01/19 Input: 100-240V, 50/60Hz, 0.25A Output: 5V, 2A
Battery:	Capacity: 5000mAh Rated Voltage: 3.85V
Hardware Version:	J535A_9230MB_MB_D4XEF_V1.3
Software Version:	TP1A.220624.014 release-keys
Connecting I/O Port(s):	Please refer to the Note 1.

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User Manual.



Operation Frequency of channel			
802.11b/g/n(20MHz)		Channel List for 802.11n(40MHz)	
Channel	Frequency	Channel	Frequency
01	2412	03	2422
02	2417	04	2427
03	2422	05	2432
04	2427	06	2437
05	2432	07	2442
06	2437	08	2447
07	2442	09	2452
08	2447		
09	2452		
10	2457		
11	2462		

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Carrier Frequency Channel

2.4GHz Test Frequency:

For 802.11b/g/n (HT20)		For 802.11n (HT40)	
Channel	Freq.(MHz)	Channel	Freq.(MHz)
01	2412	03	2422
06	2437	06	2437
11	2462	09	2452

3

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	INOI	A180	PIFA	N/A	-0.85	WLAN Antenna

Note: The antenna information refer the manufacturer provide report, applicable only to the tested sample identified in the report.



2.2 DESCRIPTION OF THE TEST MODES

Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Worst Mode	Description	Data Rate
Mode 1	TX IEEE 802.11b CH1	1 Mbps
Mode 2	TX IEEE 802.11b CH6	1 Mbps
Mode 3	TX IEEE 802.11 b CH11	1 Mbps
Mode 4	TX IEEE 802.11g CH1	6 Mbps
Mode 5	TX IEEE 802.11g CH6	6 Mbps
Mode 6	TX IEEE 802.11g CH11	6 Mbps
Mode 7	TX IEEE 802.11n HT20 CH1	MCS 0
Mode 8	TX IEEE 802.11n HT20 CH6	MCS 0
Mode 9	TX IEEE 802.11n HT20 CH11	MCS 0
Mode 10	TX IEEE 802.11n HT40 CH3	MCS 0
Mode 11	TX IEEE 802.11n HT40 CH6	MCS 0
Mode 12	TX IEEE 802.11n HT40 CH9	MCS 0

Note:

(1) The measurements are performed at all Bit Rate of Transmitter, the worst data was reported.

AC Conducted Emission

Test Case	
AC Conducted Emission	Mode13: Keeping TX + WLAN Link



2.3 TEST SOFTWARE AND POWER LEVEL

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level.

Test software Version	Power Setting	
engineering mode *#*#83781#*#*	b	10
	g	10
	n20	10
	n40	10

2.4 DESCRIPTION OF NECESSARY ACCESSORIES AND SUPPORT UNITS

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level.

Accessories Equipment

Description	Manufacturer	Model	S/N	Rating
Adapter	INOI	IN-C01/19	N/A	Input: 100-240V ~ 50/60Hz 0.25A Output: 5V, 2A
USB-A to USB-C Cable	N/A	N/A	N/A	1m, unshielded, without ferrite core

Auxiliary Equipment

Description	Manufacturer	Model	S/N	Rating
Laptop	HUAWEI	HKF-16	N/A	N/A

Note:

- (1) For detachable type I/O cable should be specified the length in cm in «Length» column.



2.5 EQUIPMENTS LIST FOR ALL TEST ITEMS

Radiation Test equipment

Kind of Equipment	Manufacturer	Type No.	Company No.	Last calibration	Calibrated until
EMI Test Receiver	R&S	ESU8	100372	2023.04.10	2024.04.09
Active loop Antenna	R&S	HFH2-Z2	POS871398181	2022.06.02	2024.06.01
Spectrum Analyzer	Keysight	N9010B	MY60242508	2022.04.29	2023.04.28
Bilog Antenna	SCHWARZBECK	VULB 9168	01447	2022.12.12	2024.12.11
Horn Antenna	SCHWARZBECK	3115	10SL0060	2022.06.02	2024.06.01
Pre-amplifier (9kHz-1GHz)	EMtrace	RP01A	02017	2023.04.10	2024.04.09
Pre-amplifier(1-26.5G)	Agilent	8449B	3008A4722	2023.04.10	2024.04.09
RE Cable (9K-1G)	N.A	R01	N.A	2022.05.05	2023.05.04
RE Cable (1-26G)	N.A	R02	N.A	2022.05.05	2023.05.04
Wireless Communications Test Set	R&S	CMW 500	137737	2022.04.29	2023.04.28
Temperature & Humidity	KTJ	TA218B	N.A	2022.05.05	2023.05.04
Testing Software	EZ-EMC(Ver.STSLAB 03A1 RE)				

Conduction Test equipment

Kind of Equipment	Manufacturer	Type No.	Company No.	Last calibration	Calibrated until
EMI Test Receiver	R&S	ESU8	100372	2023.04.10	2024.04.09
LISN	COM-POWER	LI-115	02032	2023.04.10	2024.04.09
LISN	SCHWARZBECK	NNLK 8121	00847	2022.08.19	2023.08.18
CE Cable	N.A	C01	N.A	2022.05.05	2023.05.04
Transient Limiter	CYBERTEK	EM5010A	E2250100049	2022.08.19	2023.08.18
Temperature & Humidity	KTJ	TA218B	N.A	2022.05.05	2023.05.04
Testing Software	EZ-EMC(Ver.EMC-CON 3A1.1)				

RF Connected Test

Kind of Equipment	Manufacturer	Type No.	Company No.	Last calibration	Calibrated until
Signal Analyzer	Keysight	N9010B	MY60242508	2022.04.29	2023.04.28
RF Automatic Test system	MTS	MW200-RFCB	MW220322LG	2022.04.29	2023.04.28
Temperature & Humidity	KTJ	TA218B	N.A	2022.05.05	2023.05.04
Temperature& Humidity test chamber	AISRY	LX-1000L	171200018	2022.05.10	2023.05.09
Attenuator	eastsheep	90db	N.A	2022.04.29	2023.04.28
Testing Software	MTS 8310_2.0.0.0_MWRF-TEST				



3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION LIMITS

The radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table.

FREQUENCY (MHz)	Conducted Emission limit (dBuV)	
	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

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

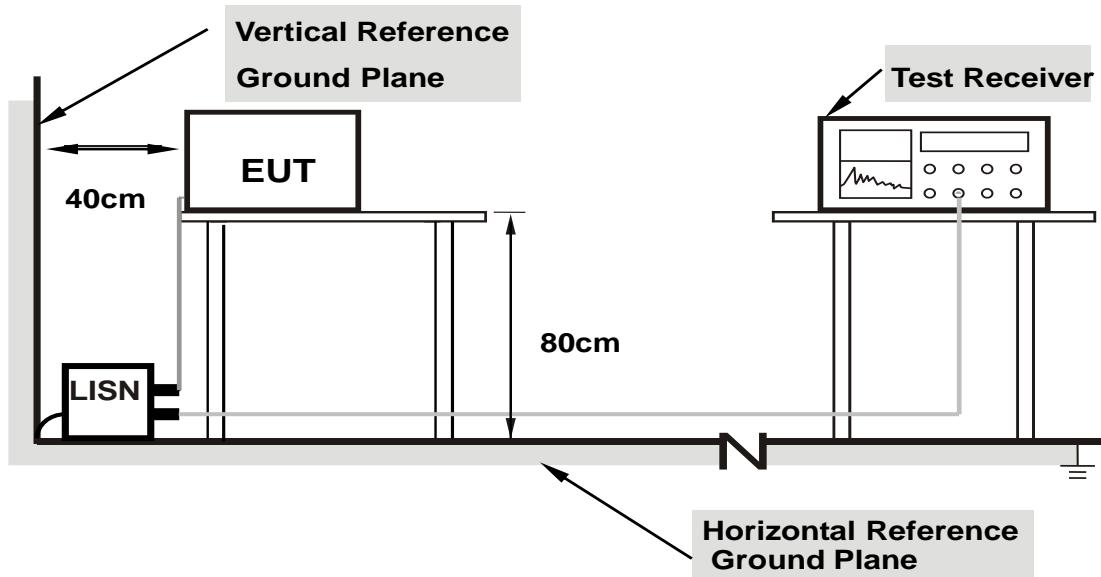
Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz



3.1.2 TEST PROCEDURE

- a. The EUT is 0.8 m from the horizontal ground plane and 0.4 m from the vertical ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments are powered from additional LISN(s). The LISN provides 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 is at least 80 cm from the nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

3.1.3 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 cm from other units and other metal planes support units.

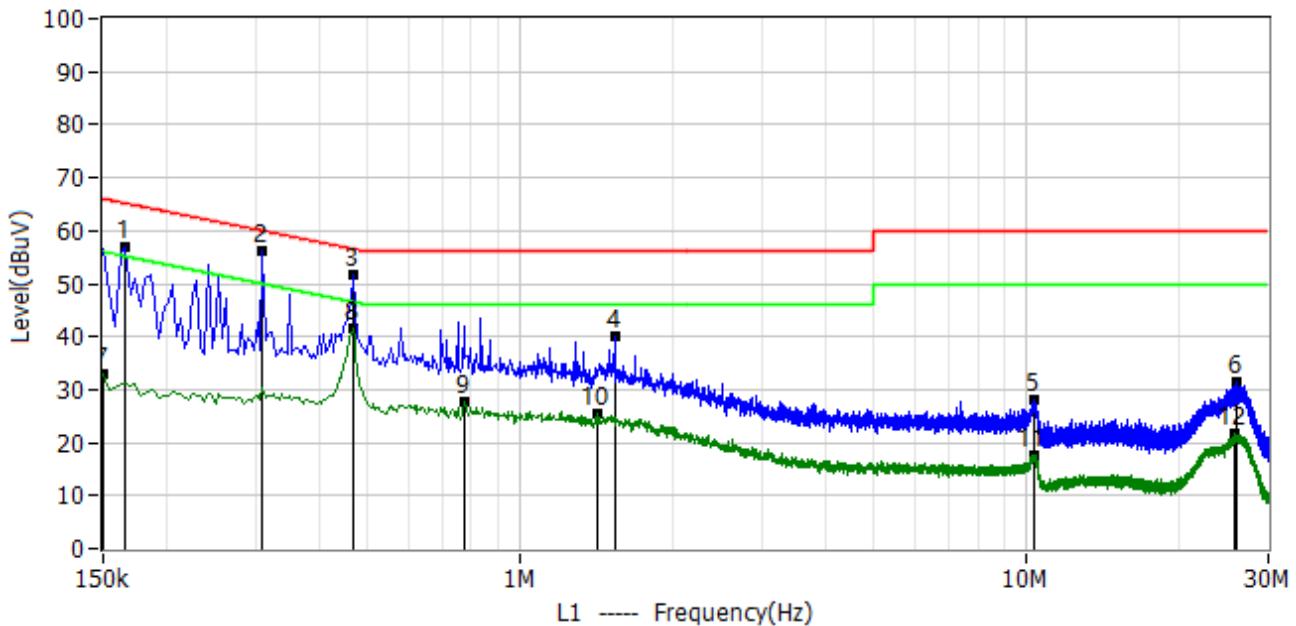
3.1.4 EUT OPERATING CONDITIONS

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.



3.1.5 TEST RESULT

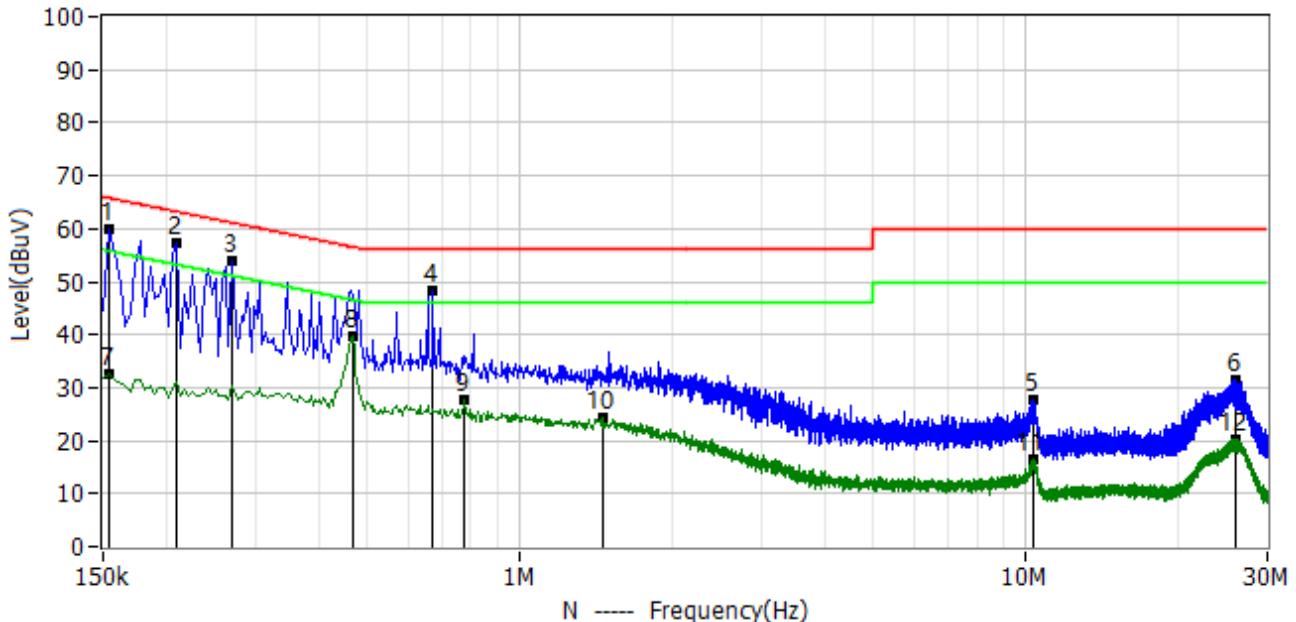
Project: LGT23C066	Test Engineer: Dylan.shi
EUT: Smartphone	Temperature: 26.3°C
M/N: A180	Humidity: 60%RH
Test Voltage: AC 120V/60Hz	Test Data: 2023-04-12
Test Mode: 2.4G Wi-Fi TX	
Note:	



No.	Frequency	Reading dBuV	Factor dB	Level dBuV	Limit dBuV	Margin dB	Detector	Polar
1*	166.000kHz	46.47	10.57	57.04	65.16	-8.12	QP	L1
2*	310.000kHz	45.46	10.59	56.05	59.97	-3.92	QP	L1
3*	466.000kHz	41.04	10.58	51.62	56.58	-4.97	QP	L1
4*	1.534MHz	29.57	10.68	40.25	56.00	-15.75	QP	L1
5*	10.362MHz	17.33	10.86	28.19	60.00	-31.81	QP	L1
6*	26.026MHz	20.22	11.32	31.54	60.00	-28.46	QP	L1
7*	150.000kHz	22.56	10.56	33.12	56.00	-22.88	AV	L1
8*	466.000kHz	31.16	10.58	41.74	46.58	-4.85	AV	L1
9*	774.000kHz	17.19	10.58	27.77	46.00	-18.23	AV	L1
10*	1.422MHz	14.65	10.66	25.31	46.00	-20.69	AV	L1
11*	10.366MHz	6.87	10.86	17.73	50.00	-32.27	AV	L1
12*	25.718MHz	10.27	11.31	21.58	50.00	-28.42	AV	L1



Project: LGT23C066	Test Engineer: Dylan.shi
EUT: Smartphone	Temperature: 26.3°C
M/N: A180	Humidity: 60%RH
Test Voltage: AC 120V/60Hz	Test Data: 2023-04-12
Test Mode: 2.4G Wi-Fi TX	
Note:	



No.	Frequency	Reading dBuV	Factor dB	Level dBuV	Limit dBuV	Margin dB	Detector	Polar
1*	154.000kHz	49.42	10.56	59.98	65.78	-5.80	QP	N
2*	210.000kHz	46.61	10.60	57.21	63.21	-5.99	QP	N
3*	270.000kHz	43.52	10.59	54.11	61.12	-7.00	QP	N
4*	674.000kHz	37.90	10.58	48.48	56.00	-7.52	QP	N
5*	10.366MHz	16.91	10.88	27.79	60.00	-32.21	QP	N
6*	26.062MHz	20.01	11.45	31.46	60.00	-28.54	QP	N
7*	154.000kHz	22.10	10.56	32.66	55.78	-23.12	AV	N
8*	466.000kHz	28.96	10.58	39.54	46.58	-7.05	AV	N
9*	778.000kHz	17.27	10.58	27.85	46.00	-18.15	AV	N
10*	1.458MHz	13.63	10.66	24.29	46.00	-21.71	AV	N
11*	10.370MHz	5.68	10.88	16.56	50.00	-33.44	AV	N
12*	26.018MHz	8.89	11.45	20.34	50.00	-29.66	AV	N



3.2 RADIATED EMISSION MEASUREMENT

3.2.1 RADIATED EMISSION LIMITS

In any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the Restricted band specified on Part15.205(a)&209(a) limit in the table and according to ANSI C63.10-2013 below has to be followed.

LIMITS OF RADIATED EMISSION MEASUREMENT (0.009MHz - 1000MHz)

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (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 (1000MHz-25GHz)

FREQUENCY (MHz)	(dBuV/m) (at 3M)	
	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).

LIMITS OF RESTRICTED FREQUENCY BANDS

FREQUENCY (MHz)	FREQUENCY (MHz)	FREQUENCY (MHz)	FREQUENCY (GHz)
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
0.495-0.505	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	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	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	Above 38.6
13.36-13.41			



For Radiated Emission

Spectrum Parameter	Setting
Attenuation	Auto
Detector	Peak/QP/AV
Start Frequency	9 KHz/150KHz(Peak/QP/AV)
Stop Frequency	150KHz/30MHz(Peak/QP/AV)
RB / VB (emission in restricted band)	200Hz (From 9kHz to 0.15MHz)/ 9KHz (From 0.15MHz to 30MHz); 200Hz (From 9kHz to 0.15MHz)/ 9KHz (From 0.15MHz to 30MHz)

Spectrum Parameter	Setting
Attenuation	Auto
Detector	Peak/QP
Start Frequency	30 MHz(Peak/QP)
Stop Frequency	1000 MHz (Peak/QP)
RB / VB (emission in restricted band)	120 KHz / 300 KHz

Spectrum Parameter	Setting
Attenuation	Auto
Detector	Peak
Start Frequency	1000 MHz(Peak/AV)
Stop Frequency	10th carrier harmonic(Peak/AV)
RB / VB (emission in restricted band)	1 MHz / 3 MHz(Peak) 1 MHz/1/T MHz(AVG)

For Restricted band

Spectrum Parameter	Setting
Detector	Peak
Start/Stop Frequency	Lower Band Edge: 2310 to 2430 MHz Upper Band Edge: 2445 to 2500 MHz
RB / VB	1 MHz / 3 MHz(Peak) 1 MHz/1/T MHz(AVG)



Receiver Parameter	Setting
Start ~ Stop Frequency	9kHz~90kHz / RB 200Hz for PK & AV
Start ~ Stop Frequency	90kHz~110kHz / RB 200Hz for QP
Start ~ Stop Frequency	110kHz~490kHz / RB 200Hz for PK & AV
Start ~ Stop Frequency	490kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

3.2.2 TEST PROCEDURE

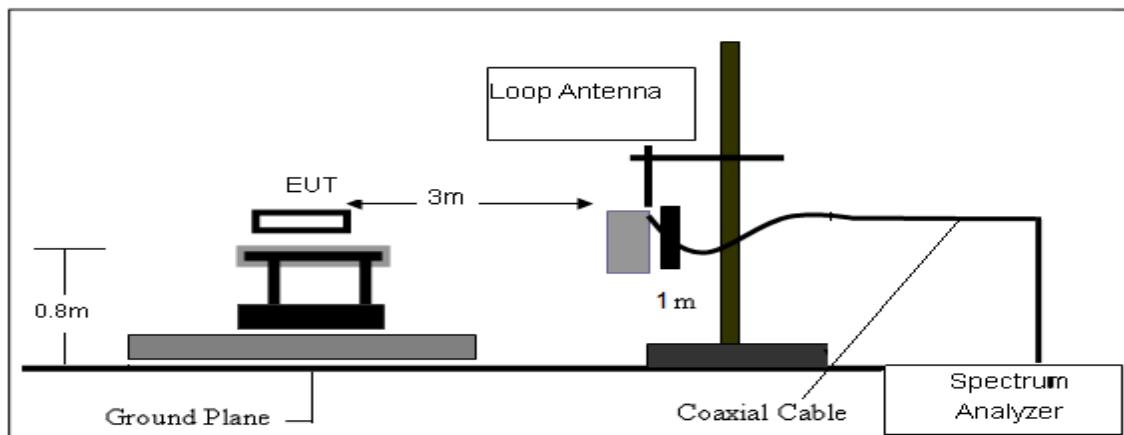
- a. The measuring distance at 3 m shall be used for measurements at frequency 0.009MHz up to 1GHz, and above 1GHz.
- b. The EUT was placed on the top of a rotating table 0.8 m (above 1GHz is 1.5 m) above the ground at a 3 m anechoic chamber test site. The table was rotated 360 degree to determine the position of the highest radiation.
- c. The height of the equipment shall be 0.8 m (above 1GHz is 1.5 m); the height of the test antenna shall vary between 1 m to 4 m. Horizontal and vertical polarization 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 QuasiPeak detector mode will be re-measured.
- e. If the Peak Mode measured value is compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and no additional QP Mode measurement was performed.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

Note:

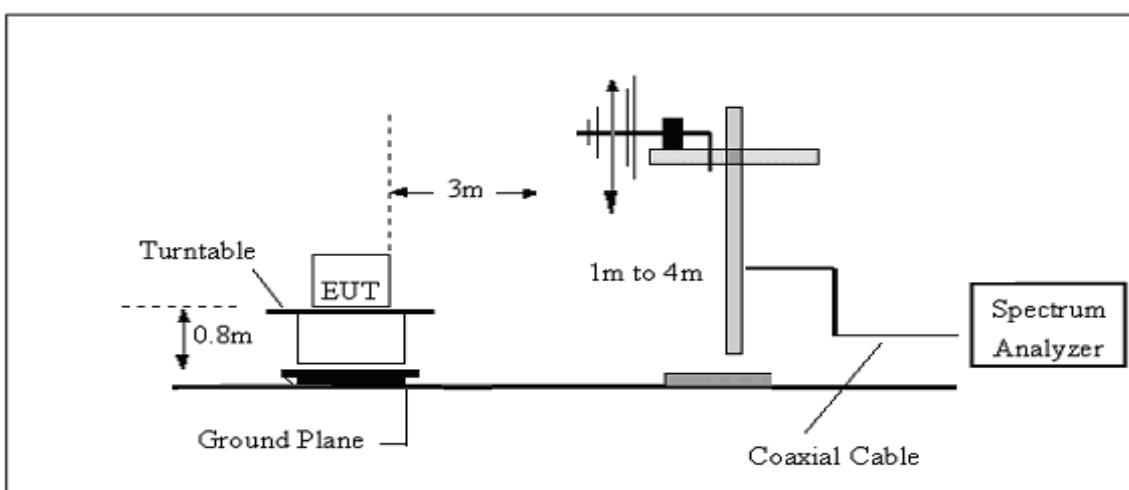
Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported.

3.2.3 TEST SETUP

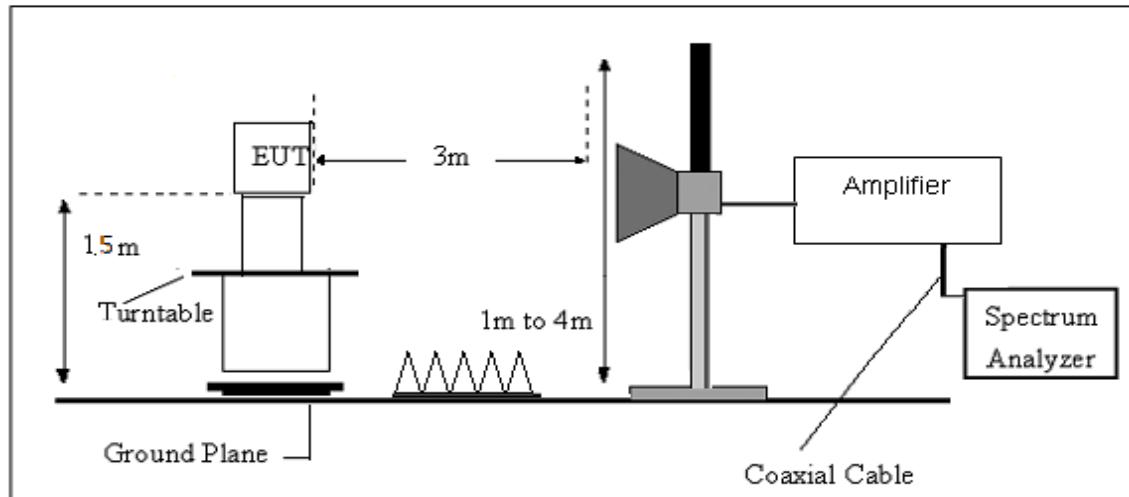
(A) Radiated Emission Test-Up Frequency Below 30MHz



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



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



3.2.4 EUT OPERATING CONDITIONS

Please refer to section 3.1.4 of this report.



3.2.5 FIELD STRENGTH CALCULATION

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CL - AG$$

Where

FS = Field Strength

CL = Cable Attenuation Factor (Cable Loss)

RA = Reading Amplitude

AG = Amplifier Gain

AF = Antenna Factor

For example

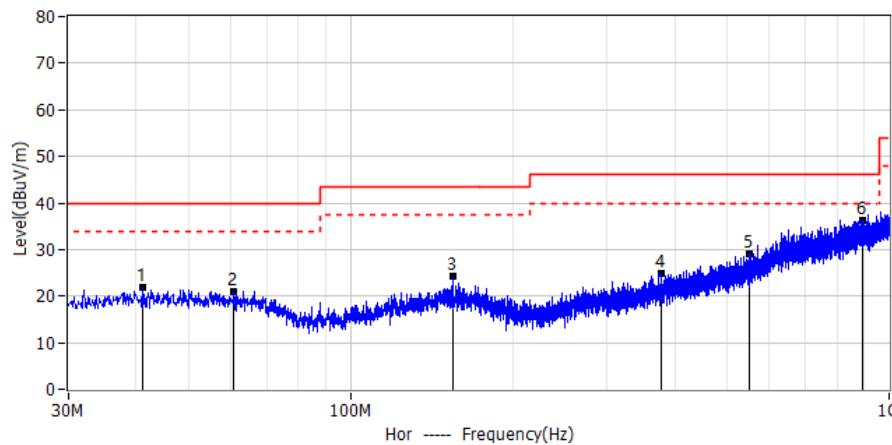
Frequency (MHz)	FS (dB μ V/m)	RA (dB μ V/m)	AF (dB)	CL (dB)	AG (dB)	Factor (dB)
300	40	58.1	12.2	1.6	31.9	-18.1

Factor=AF+CL-AG

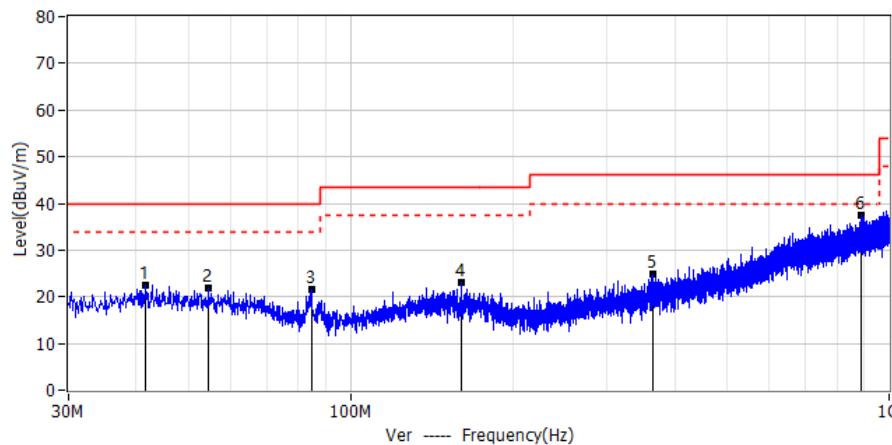


3.2.6 TEST RESULT

Project: LGT23C066	Test Engineer: Dylan.shi
EUT: Smartphone	Temperature: 23.4°C
M/N: A180	Humidity: 65%RH
Test Voltage: Battery	Test Data: 2023-03-31
Test Mode: 2.4G Wi-Fi TX	
Note:	



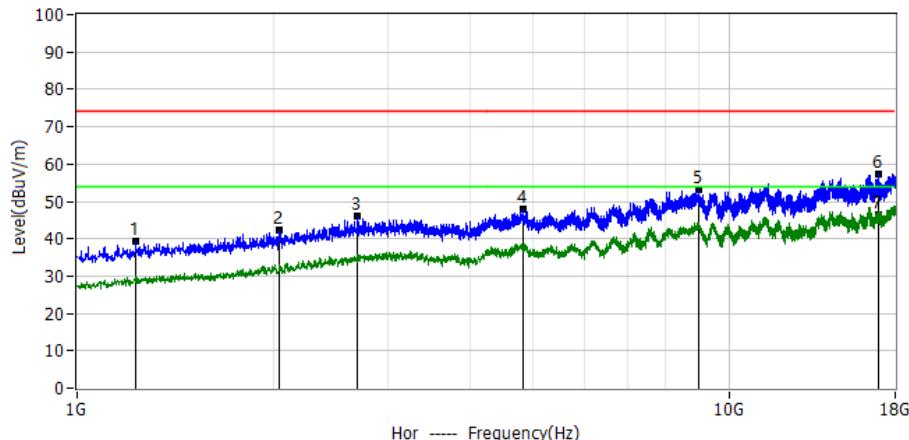
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	41.155MHz	2.39	19.34	21.73	40.00	-18.27	QP	Hor
2*	60.798MHz	2.43	18.59	21.02	40.00	-18.98	QP	Hor
3*	154.888MHz	4.25	19.92	24.17	43.50	-19.33	QP	Hor
4*	378.351MHz	2.76	22.18	24.94	46.00	-21.06	QP	Hor
5*	551.860MHz	2.76	26.23	28.99	46.00	-17.01	QP	Hor
6*	890.633MHz	3.20	33.11	36.31	46.00	-9.69	QP	Hor



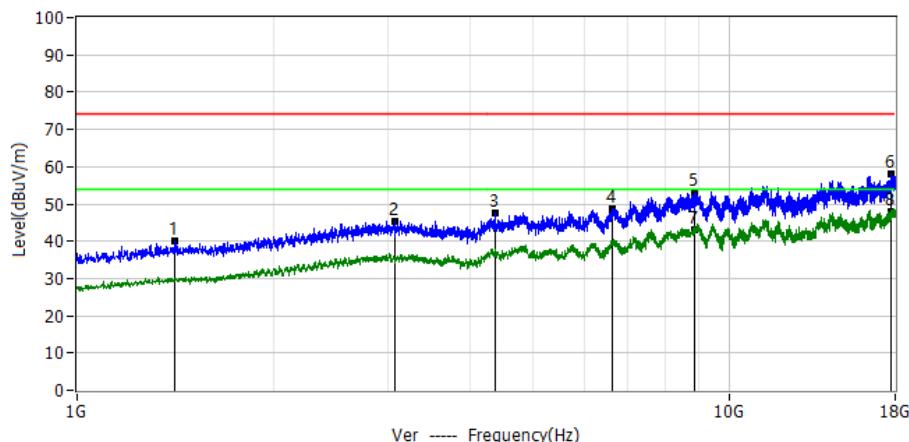
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	41.640MHz	3.18	19.33	22.51	40.00	-17.49	QP	Ver
2*	54.614MHz	2.98	19.03	22.01	40.00	-17.99	QP	Ver
3*	84.805MHz	6.52	15.13	21.65	40.00	-18.35	QP	Ver
4*	160.829MHz	3.12	19.83	22.95	43.50	-20.55	QP	Ver
5*	364.893MHz	3.20	21.72	24.92	46.00	-21.08	QP	Ver
6*	885.904MHz	4.34	33.04	37.38	46.00	-8.62	QP	Ver



Project: LGT23C066	Test Engineer: Dylan.shi
EUT: Smartphone	Temperature: 25°C
M/N: A180	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-04-08
Test Mode: 802.11n20 2412	
Note:	



No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.230GHz	61.93	-22.73	39.20	74.00	-34.80	PK	Hor
2*	2.039GHz	58.01	-15.82	42.19	74.00	-31.81	PK	Hor
3*	2.696GHz	55.94	-9.95	45.99	74.00	-28.01	PK	Hor
4*	4.834GHz	54.05	-6.01	48.04	74.00	-25.96	PK	Hor
5*	8.973GHz	54.57	-1.25	53.32	74.00	-20.68	PK	Hor
6*	17.003GHz	49.56	7.82	57.38	74.00	-16.62	PK	Hor
7*	17.003GHz	38.68	7.82	46.50	54.00	-7.50	AV	Hor



No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.414GHz	61.48	-21.30	40.18	74.00	-33.82	PK	Ver
2*	3.066GHz	53.84	-8.36	45.48	74.00	-28.52	PK	Ver
3*	4.375GHz	53.99	-6.29	47.70	74.00	-26.30	PK	Ver
4*	6.633GHz	54.94	-6.33	48.61	74.00	-25.39	PK	Ver
5*	8.875GHz	54.77	-1.52	53.25	74.00	-20.75	PK	Ver
6*	17.717GHz	49.78	8.32	58.10	74.00	-15.90	PK	Ver
7*	8.875GHz	44.62	-1.52	43.10	54.00	-10.90	AV	Ver
8*	17.717GHz	39.78	8.32	48.10	54.00	-5.90	AV	Ver