

FCC&IC RF Test Report

Product Name: Smart Phone

Model Number: ANE-LX3

Report No.: SYBH(Z-RF)20171225018001-2002 FCC ID: QISANE-LX3 IC: 6369A-ANELX3

Reliability Laboratory of Huawei Technologies Co., Ltd.

(Global Compliance and Testing Center of Huawei Technologies Co., Ltd)

Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C Tel: +86 755 28780808 Fax: +86 755 89652518



Notice

1. The laboratory has passed the accreditation by China National Accreditation Service for Conformity Assessment (CNAS). The accreditation number is L0310.

2. The laboratory has passed the accreditation by The American Association for Laboratory Accreditation (A2LA). The accreditation number is 2174.01.

3. The laboratory has been recognized by the US Federal Communications Commission (FCC) to perform compliance testing subject to the Commission's Certification rules. The Designation Number is CN1173, and the Test Firm Registration Number is 294140.

4. The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 6369A-1.

5. The laboratory (Reliability Lab of Huawei Technologies Co., Ltd) is also named "Global

Compliance and Testing Center of Huawei Technologies Co., Ltd", the both names have coexisted since 2009.

6. The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.

7. The test report is invalid if there is any evidence of erasure and/or falsification.

8. The test report is only valid for the test samples.

9. Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.



Applicant:	Huawei Technologies Co., Ltd.
Address:	Administration Building, Headquarters of Huawei Technologies Co., Ltd.,
	Bantian, Longgang District, Shenzhen, 518129, P.R.C

Date of Receipt Sample:	2018-01-22
Start Date of Test:	2018-01-22
End Date of Test:	2018-02-07

Test Result: Pass

Approved by Senior2018-02-07Roger zhangRoger zhangEngineer:DateNameSignaturePrepared by:2018-02-07zhoulingboZhoulong boDateNameSignature



CONTENT

1	Genera	al Information	5
	1.1	Applied Standard	5
	1.2	Test Location	5
	1.3	Test Environment Condition	5
2	Test Su	ummary	6
3	Descrip	ption of the Equipment under Test (EUT)	7
	3.1	General Description	7
	3.2	EUT Identity	7
	3.3	Technical Description	9
4	Genera	al Test Conditions / Configurations	10
	4.1	EUT Configurations	10
	4.2	Test Environments	11
	4.3	Antenna requirements	11
	4.4	Description of tests	12
	4.5	Test Setups	15
	4.6	Test Conditions	18
5		est Instruments	
6	Append	dixes	21



1 General Information

1.1 Applied Standard	
Applied Rules:	47 CFR FCC Part 2, Subpart J
	47 CFR FCC Part 15, Subpart C
	IC RSS-Gen (Issue 4, November 2014)
	IC RSS-247 (Issue 2, February 2017)
- . M	
Test Method:	FCC PUBLIC NOTICE DA 00-705 Filing and Measurement Guidelines for Frequency Hopping Spread Spectrum Systems (Released March 30, 2000)
	ANSI C63.4-2014, American National Standard for Methods of Measurement of
	Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment
	in the Range of 9 kHz to 40 GHz.
	ANSI C63.10-2013, American National Standard for Testing Unlicensed
	Wireless Devices.
1.2 Test Location	
Test Location 1:	Reliability Laboratory of Huawei Technologies Co., Ltd.
Address:	Administration Building, Headquarters of Huawei Technologies Co., Ltd.,
	Bantian, Longgang District, Shenzhen, 518129, P.R.C
1.3 Test Environment Cor	ndition
Ambient Temperature:	19.5 to 25 °C
Ambient Relative Humidity:	45 to 55 %
Atmospheric Pressure:	Not applicable
I	



2 Test Summary

(EBW) Carrier Frequency Separation Number of Hopping Channel Time of Occupancy (Dwell Time) Maximum Peak Conducted Output Power Band edge spurious emission	15.247(a)(1) 15.247(a)(1) 15.247(a)(1) (iii) 15.247(a)(1)	RSS-247, 5.1 RSS-247, 5.1 RSS-247, 5.1	No limit. ≥ MAX {25kHz, IIF{output power ≤125mW, 2/3*20dB EBW, 20dB EBW }}.	Appendix A Appendix B	Pass Pass
Number of Hopping Channel Time of Occupancy (Dwell Time) Maximum Peak Conducted Output Power Band edge spurious emission	15.247(a)(1) (iii) 15.247(a)(1)		power ≤125mW, 2/3*20dB EBW, 20dB	Appendix B	Pass
Number of Hopping Channel Time of Occupancy (Dwell Time) Maximum Peak Conducted Output Power Band edge spurious emission	(iii) 15.247(a)(1)	RSS-247, 5.1			
Time) Maximum Peak Conducted Output Power Band edge spurious emission			≥15 channels.	Appendix C	Pass
Output Power Band edge spurious emission	(iii)	RSS-247, 5.1	< 0.4s within a period of (0.4s*hopping number).	Appendix D	Pass
	15.247(b)(1)	RSS-247, 5.4	< 1 W if using ≥75 non-overlapping channels.	Appendix E	Pass
			< -20 dBr/100 kHz if total	Appendix F	Pass
Conducted RF Spurious Emission	15.247(d)	RSS-247, 5.5	 20 dBi/100 kH2 if total peak power ≤ power limit. 	Appendix G	Pass
	15.247(d) 15.209	RSS-247, 5.5 RSS-Gen, 6.13	FCC Part 15.209 field strength limit; RSS-Gen 6.13 field strength limit.	Appendix H	Pass
Emissions	15.207	RSS-Gen, 8.8	FCC Part 15.207 conducted limit; RSS-Gen, 8.8conducted limit. "N/T" denotes "not tested".	Appendix I	Pass



3 Description of the Equipment under Test (EUT)

3.1 General Description

ANE-LX3 is subscriber equipment in the GSM/CDMA/WCDMA/LTE system. The GSM frequency band includes GSM850 and GSM900 and DCS1800 and PCS1900. The UMTS frequency band is B1 and B2 and B4 and B5 and B8. The LTE frequency band is B2 and B4 and B5 and B7 and B12 and B17 and B28. The Mobile Phone implements such functions as RF signal receiving/transmitting, LTE/HSPA/UMTS and GSM/GPRS/EDGE protocol processing, voice, video MMS service, GPS, AGPS and WIFI etc. Externally it provides one micro SD card (it can also used as SIM card interface), earphone port (to provide voice service) and one SIM card interface. ANE-LX3 is dual SIM smart phone. It also provides Bluetooth module to synchronize data between a PC and the phone, or to use the built-in modem of the phone to access the Internet with a PC, or to exchange data with other Bluetooth devices.

Note: Only Bluetooth test data included in this report.

3.2 EUT Identity

NOTE: Unless otherwise noted in the report, the functional boards installed in the units shall be selected from the below list, but not means all the functional boards listed below shall be installed in one unit.

3.2.1 Board

Board		
Description	Hardware Version	Software Version
Main Board	HL3ANNEM	ANE-LX3 8.0.0.40(C900).



3.2.2 Sub-Assembly

Sub-Assembly			
Sub-Assembly Name	Model	Manufacturer	Description
Adapter	HW-059200EHQ	Huawei Technologies Co., Ltd.	Input voltage: 100-240V ~50/60Hz 0.5A Output voltage: 5V ==== 2A OR 9V ==== 2A
Adapter	HW-059200UHQ	Huawei Technologies Co., Ltd.	Input voltage: 100-240V ~50/60Hz 0.5A Output voltage: 5V === 2A OR 9V === 2A
Adapter	HW-090200EH0	Huawei Technologies Co., Ltd.	Input voltage: 100-240V ~50/60Hz 0.5A Output voltage: 5V ==== 2A OR 9V ==== 2A
Adapter	HW-090200UH0	Huawei Technologies Co., Ltd.	Input voltage: 100-240V ~50/60Hz 0.5A Output voltage: 5V === 2A OR 9V === 2A
Li-Polymer Battery	HB366481ECW	Huawei Technologies Co., Ltd.	Rated capacity: 2900mAh Nominal Voltage: +3.82V Charging Voltage: +4.40V



3.3 Technical Description

Characteristics	Description		
TX/RX Operating	2400-2483.5 fc = 2402 MHz + N * 1 MHz, where:		
Range	MHz band	- fc = "Operating Frequency" in MHz,	
		- N = "Channel Number" with the range from 0 to 78.	
Modulation Type	Carrier Frequency Hopping Spread Spectrum (FHSS)		
	Digital	Digital GFSK, π/4-DQPSK, 8DPSK	
Emission Designator	GFSK: 950KFXD		
	π/4-DQPSK: 1M28GXD		
	8DPSK: 1M28GXD		
Bluetooth Power Class	Class 1		



4 General Test Conditions / Configurations

4.1 EUT Configurations

4.1.1 General Configurations

Configuration	Description	
Test Antenna Ports	Until otherwise specified,	
	- All TX tests are performed at all TX antenna ports of the EUT, and	
	- All RX tests are performed at all RX antenna ports of the EUT.	
Multiple RF Sources	Other than the tested RF source of the EUT, other RF source(s) are disabled or shutdown	
	during measurements.	

4.1.2 Customized Configurations

# EUT Conf.	Signal Description	Operating Frequency
TM1_DH5_Hop	GFSK modulation, package type DH5, hopping on.	
TM1_DH5_Ch0	GFSK modulation, package type DH5, hopping off.	Ch No. 0 / 2402 MHz
TM1_DH5_Ch39	GFSK modulation, package type DH5, hopping off.	Ch No. 39 / 2441 MHz
TM1_DH5_Ch78	GFSK modulation, package type DH5, hopping off.	Ch No. 78 / 2480 MHz
TM2_2DH5_Hop	π /4-DQPSK modulation, package type 2DH5, hopping on.	
TM2_2DH5_Ch0	π /4-DQPSK modulation, package type 2DH5, hopping off.	Ch No. 0 / 2402 MHz
TM2_2DH5_Ch39	π /4-DQPSK modulation, package type 2DH5, hopping off.	Ch No. 39 / 2441 MHz
TM2_2DH5_Ch78	π /4-DQPSK modulation, package type 2DH5, hopping off.	Ch No. 78 / 2480 MHz
TM3_3DH5_Hop	8DPSK modulation, package type 3DH5, hopping on.	
TM3_3DH5_Ch0	8DPSK modulation, package type 3DH5, hopping off.	Ch No. 0 / 2402 MHz
TM3_3DH5_Ch39	8DPSK modulation, package type 3DH5, hopping off.	Ch No. 39 / 2441 MHz
TM3_3DH5_Ch78	8DPSK modulation, package type 3DH5, hopping off.	Ch No. 78 / 2480 MHz



4.2 Test Environments

NOTE: The values used in the test report may be stringent than the declared.

Environment Parameter	Selected Values During Tests		
	Temperature	Voltage	Relative Humidity
NTNV	Ambient	3.8 VDC	Ambient

4.3 Antenna requirements

Excerpt from §15.203 of the FCC Rules/Regulations:

"An intentional radiator antenna shall be designed to ensure that no antenna other than that furnished by the responsible party can be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section."

The antennas of the ANE-LX3 are permanently attached.

There are no provisions for connection to an external antenna.

Conclusion:

The **Smart Phone FCC ID: QISANE-LX3** unit complies with the requirement of §15.203. **Ch. Frequency (MHz)**

Ch.	Frequency (MHz)
00	2402
39	2441
78	2480

Frequency/ Channel Operations



4.4 Description of tests

4.4.1 Bandwidth measurement

(a) Connect EUT test port to universal communication tester.

(b) Set the EUT to transmit maximum output power at 2.4GHz and switch off frequency hopping function, then set the measuring frequency number, finally test the bandwidth with universal communication tester.

4.4.2 Carrier frequency separation measurement

(a) Connect EUT test port to spectrum analyzer and universal communication tester.

(b) Set the EUT to transmit maximum output power at 2.4GHz and switch off frequency hopping function, then set the measured frequency number to two adjacent channels separately and test the carrier frequency separation with spectrum analyzer.

4.4.3 Number of hopping channel

(a) Connect EUT test port to spectrum analyzer and universal communication tester.

(b) Set the EUT to transmit maximum output power at 2.4GHz and switch on frequency hopping function, then set enough count time (larger than 5000 times) to get all the hopping frequency channel displayed on the screen of spectrum analyzer.

(c) Count the quantity of peaks to get the number of hopping channels.

4.4.4 Time of occupancy

(a) Connect test port of EUT to spectrum analyzer and universal communication tester.

(b) Set the EUT to transmit maximum output power at 2.4GHz and switch on frequency hopping function.

(c) Set the span of spectrum analyzer to 0 Hz, and set the resolution bandwidth to1 MHz and the vedio bandwidth to 1 MHz, then get the time domain measured diagram. and set sweep time to 2 times of one burst occupancy time, and measure the time of occupancy of one burst.

(d) Set the resolution bandwidth to1 MHz and the vedio bandwidth to 3 MHz ,and set the sweep time to a period (0.4 seconds multiplied by the number of hopping channels employed), and count the number of the bursts.

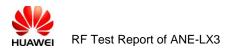
(e) Calculate the time of occupancy in a period with time occupancy of a burst and quantity of bursts

4.4.5 Peak output power

(a) Connect EUT test port to spectrum analyzer and universal communication tester.

(b) Set the EUT to transmit maximum output power at 2.4GHz and switch off frequency hopping function.

(c) Then set the EUT to transmit at high, middle and low frequency and measure the conducted output power separately.



4.4.6 Band edge spurious emission

(a) Connect EUT test port to spectrum analyzer and universal communication tester

(b) Set the EUT to transmit maximum output power at 2.4GHz and switch off frequency hopping function.

(c) Then set the EUT to transmit at high, low frequency and measure the conducted band edge spurious separately.

(d) Switch on the frequency hopping function, and repeat above measurement.

4.4.7 Conducted RF Spurious

(a) Connect EUT test port to spectrum analyzer and universal communication tester

(b) Set the EUT to transmit maximum output power at 2.4GHz and switch off frequency hopping function.

(c) Then set the EUT to transmit at high, middle and low frequency and measure the conducted spurious separately.

(d) Switch on the frequency hopping function, and repeat the above measurement.

4.4.8 Radiated spurious emission & spurious in restricted band

The test site semi-anechoic chamber has met the requirement of NSA tolerance 4dB according to the standards: ANSI C63.10 (2013). The EUT was set-up on insulator 80cm above the Ground Plane. The set-up and test methods were according to ANSI C63.10:2013. The Radiated Disturbance measurements were made using a Rohde and Schwarz Test Receiver and control software.

A preliminary scan and a final scan of the emissions were made by using test script of software; the emissions were measured using a Quasi-Peak Detector below 1GHz, Peak Detector and AV detector above 1GHz. The maximal emission value was acquired by adjusting the antenna height, polarisation and turntable azimuth in accordance with the software setup. Normally, the height range of antenna was 1m to 4m, and the azimuth range of turntable was 0°to 360°. The receive antenna has two polarizations V and H.

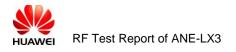
A portable or small unlicensed wireless device shall be placed on a non-metallic test fixture or other nonmetallic support during testing. The supporting fixture shall permit orientation of the EUT in each of three orthogonal (x, y, z) axis positions such that emissions from the EUT are maximized.

The EUT communicates with the BTS simulator through Air interface. The EUT transmits maximum output power at 2.4GHz and switch off frequency hopping function.

Measurement bandwidth: 30 MHz - 1000 MHz: 120 kHz Measurement bandwidth: 1000 MHz - 10th Carrier Frequency: 1 MHz

4.4.9 Conducted Emission at Power Port

The Table-top EUT was placed upon a non-metallic table 0.8 m above the horizontal metal reference ground plane. EUT was connected to LISN and LISN was connected to reference Ground Plane. EUT was 80cm from LISN. The set-up and test methods were according to ANSI C63.10: 2013.



Conducted Disturbance at AC Port measurements were undertaken on the L and N Lines. The emissions were measured using a Quasi-Peak Detector and Average Detector.

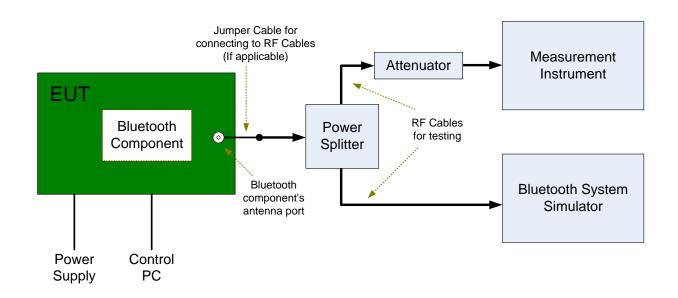
The EUT communicates with the BTS simulator through Air interface, the BTS simulator controls the EUT to transmitter the maximum power which defined in specification of product. The EUT operated on the typical channel.

Measurement bandwidth (RBW) for 150kHz to 30 MHz: 9 kHz;

4.5 Test Setups

4.5.1 Test Setup 1

The Bluetooth component's antenna ports(s) of the EUT are connected to the measurement instrument per an appropriate attenuator. The EUT is controlled by Bluetooth System Simulator and/or PC/software to emit the specified signals for the purpose of measurements.

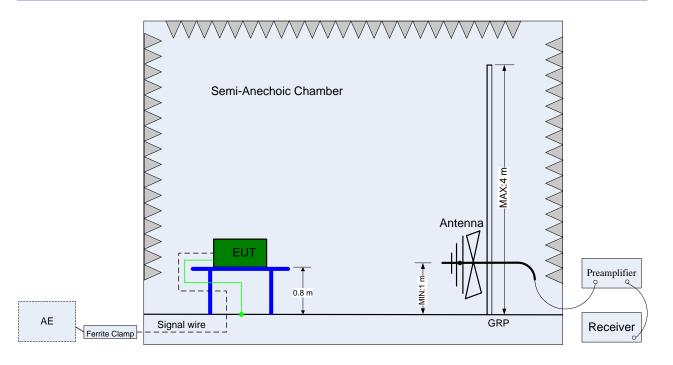


4.5.2 Test Setup 2

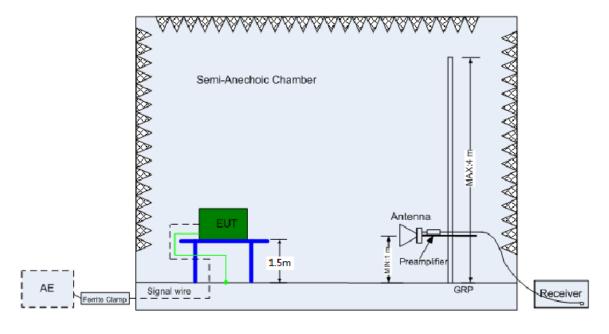
The test site semi-anechoic chamber has met the requirement of NSA tolerance 4 dB according to the standards: ANSI C63.4. The test distance is 3m.The setup is according to ANSI C63.4 and CAN/CSA-CEI/IEC CISPR 22.

The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H).





(Below 1 GHz)



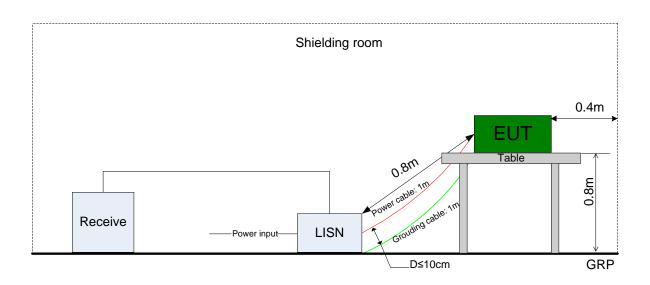
(Above 1 GHz)



4.5.3 Test Setup 3

The mains cable of the EUT (maybe per AC/DC Adapter) must be connected to LISN. The LISN shall be placed 0.8 m from the boundary of EUT and bonded to a ground reference plane for LISN mounted on top of the ground reference plane. This distance is between the closest points of the LISN and the EUT. All other units of the EUT and associated equipment shall be at least 0.8m from the LISN.

Ground connections, where required for safety purposes, shall be connected to the reference ground point of the LISN and, where not otherwise provided or specified by the manufacturer, shall be of same length as the mains cable and run parallel to the mains connection at a separation distance of not more than 0.1 m.



4.6 Test Conditions

Test Case	Test Conditions		
	Configuration	Description	
20dB Emission	Meas. Method	DA 00-705	
Bandwidth (EBW)	Test Env.	NTNV	
	Test Setup	Test Setup 1	
	EUT Conf.	TM1_DH5_Ch0, TM1_DH5_Ch39, TM1_DH5_Ch78,	
		TM2_2DH5_Ch0, TM2_2DH5_Ch39, TM2_2DH5_Ch78,	
		TM3_3DH5_Ch0, TM3_3DH5_Ch39, TM3_3DH5_Ch78.	
Carrier Frequency	Meas. Method	DA 00-705	
Separation	Test Env.	NTNV	
	Test Setup	Test Setup 1	
	EUT Conf.	TM1_DH5_Hop,	
		TM2_2DH5_Hop,	
		TM3_3DH5_Hop.	
Number of Hopping	Meas. Method	DA 00-705	
Channel	Test Env.	NTNV	
	Test Setup	Test Setup 1	
	EUT Conf.	TM1_DH5_Hop,	
		TM2_2DH5_Hop,	
		TM3_3DH5_Hop.	
Time of Occupancy	Meas. Method	DA 00-705	
(Dwell Time)	Test Env.	NTNV	
	Test Setup	Test Setup 1	
	EUT Conf.	TM1_DH5_Ch39,	
		TM2_2DH5_Ch39,	
		TM3_3DH5_Ch39.	
Maximum Peak	Meas. Method	DA 00-705	
Conducted Output	Test Env.	NTNV	
Power	Test Setup	Test Setup 1	
	EUT Conf.	TM1_DH5_Ch0, TM1_DH5_Ch39, TM1_DH5_Ch78,	
		TM2_2DH5_Ch0, TM2_2DH5_Ch39, TM2_2DH5_Ch78,	
		TM3_3DH5_Ch0, TM3_3DH5_Ch39, TM3_3DH5_Ch78.	
Band edge spurious	Meas. Method	DA 00-705	
emission	Test Env.	NTNV	
	Test Setup	Test Setup 1	
	EUT Conf.	TM1_DH5_Ch0, TM1_DH5_Ch78,	
		TM2_2DH5_Ch0, TM2_2DH5_Ch78,	
		TM3_3DH5_Ch0, TM3_3DH5_Ch78.	
Conducted RF	Meas. Method	DA 00-705	
Spurious Emission	Test Env.	NTNV	



Test Case	Test Conditions	ditions			
	Configuration	Description			
	Test Setup	Test Setup 1			
	EUT Conf.	TM1_DH5_Ch0, TM1_DH5_Ch39, TM1_DH5_Ch78,			
		TM2_2DH5_Ch0, TM2_2DH5_Ch39, TM2_2DH5_Ch78,			
		TM3_3DH5_Ch0, TM3_3DH5_Ch39, TM3_3DH5_Ch78.			
Radiated Emissions	Meas. Method	DA 00-705, C63.4,	C63.10.		
in the Restricted		(1) 30 MHz to 1 GH	Hz:		
Bands		Pre: RBW = 100 kHz; VBW = 300 kHz; Det. = Peak.			
		Final: RBW = 120 kHz; Det. = CISPR Quasi-Peak.			
		(2) 1 GHz to 26.5 GHz:			
		Average:RBW = 1 MHz; VBW = 10 Hz; Det. = Peak; Sweep-time = Auto; Trace = Single.Peak:RBW = 1 MHz; VBW = 3 MHz; Det. = Peak; Sweep-time = Auto;			
		Trace ≥ Max Hold * 100.			
	Test Env.	NTNV			
	Test Setup	Test Setup 2			
	EUT Conf.	30 MHz -1 GHz	TM1_DH5_Ch0 (Worst Conf.).		
		1-3 GHz	TM1_DH5_Ch0, TM1_DH5_Ch39, TM1_DH5_Ch78,		
			TM2_2DH5_Ch0, TM2_2DH5_Ch39,		
			TM2_2DH5_Ch78,		
			TM3_3DH5_Ch0, TM3_3DH5_Ch39,		
			TM3_3DH5_Ch78.		
		3-18 GHz	TM1_DH5_Ch0 (Worse Conf.),		
			TM1_DH5_Ch39 (Worse Conf.),		
			TM1_DH5_Ch78 (Worse Conf.).		
		18-26.5 GHz	TM1_DH5_Ch0 (Worst Conf.).		
AC Power Line	Meas. Method	AC mains conducted.			
Conducted		Pre: RBW = 10 kHz; Det. = Peak.			
Emissions		Final: RBW = 9 kHz; Det. = CISPR Quasi-Peak & Average.			
	Test Env.	NTNV			
	Test Setup	Test Setup 3			
	EUT Conf.	TM1_DH5_Ch39.			

5 Main Test Instruments

	Main Test Equipments				
Equipment Name	Manufacturer	Model	Serial Number	Cal Date	Cal- Due
Power supply	KEITHLEY	2303	000500E	2017/5/31	2018/5/30
Wireless Communication Test set	Agilent	N4010A	MY49081592	2017/7/31	2018/7/30
Universal Radio Communication Tester	R&S	CMU200	110932	2017/5/2	2018/5/1
Spectrum Analyzer	Agilent	N9020A	MY52090652	2017/7/10	2018/7/9
Universal Radio Communication Tester	R & S	CMW500	126854	2017/10/19	2018/10/18
Signal Analyzer	R&S	FSQ31	200021	2017/7/31	2018/7/30
Spectrum Analyzer	Agilent	N9030B	MY57140531	2017/12/19	2018/12/18
Temperature Chamber	WEISS	WKL64	56246002940010	2017/12/13	2018/12/12
Signal generator	Agilent	E8257D	MY49281095	2017/7/31	2018/7/30
Vector Signal Generator	R&S	SMU200A	104162	2017/7/31	2018/7/30
Test receiver	R&S	ESU26	100387	2017/2/21	2018/2/20
Test receiver	R&S	ESCI	101163	2017/2/21	2018/2/20
Spectrum analyzer	R&S	FSU3	200474	2017/2/21	2018/2/20
Spectrum analyzer	R&S	FSU43	100144	2017/2/21	2018/2/20
LOOP Antennas(9kHz-30MHz)	R&S	HFH2-Z2	100262	2017/4/25	2019/4/25
LOOP Antennas(9kHz-30MHz)	R&S	HFH2-Z2	100263	2017/4/25	2019/4/25
Trilog Broadband Antenna (30M~3GHz)	SCHWARZBECK	VULB 9163	9163-490	2017/3/29	2019/3/29
Trilog Broadband Antenna (30M~3GHz)	SCHWARZBECK	VULB 9163	9163-521	2017/4/9	2019/4/9
Double-Ridged Waveguide Horn Antenna (1G~18GHz)	R&S	HF907	100304	2017/5/27	2019/5/27
Pyramidal Horn Antenna(18GHz-26.5GHz)	ETS-Lindgren	3160-09	206665	2017/3/24	2018/3/23
Artificial Main Network	R&S	ENV4200	100134	2017/5/15	2018/5/14
Line Impedance Stabilization Network	R&S	ENV216	100382	2017/5/15	2018/5/14
Power Detecting & Sampling Unit	R&S	OSP-B157	100914	2017/7/31	2018/7/30



Software Information				
Test Item	Software Name	Manufacturer	Version	
RE	EMC32	R&S	V9.25.0	
CE	EMC32	R&S	V9.25.0	

6 <u>Appendixes</u>

Appendix No.	Description
SYBH(Z-RF)20171225018001-2002-A	Appendix for Bluetooth

END