



# FCC RF Test Report

# **Product Name: Smart Phone**

# Model Number: MGA-LX3

# Report No.: SYBH(Z-RF)20220105022001-2004 FCC ID:2ATEYMGA-LX3

Authorized	Name	Date
Prepared by:	Qin Jianei	2022-02-17
Reviewed by:	Lin Jiekai	2022-02-17
Approved by:	He Hao	2022-02-17

# Reliability Laboratory of Huawei Technologies Co., Ltd.

No.2, New City Avenue, Songshan Lake Sci. & Tech. Industry Park, Dongguan, 523808, P.R.C Telephone: +86 769 23830808 Fax: +86 769 23837628

# Notice

1. The laboratory has passed the accreditation by The American Association for Laboratory Accreditation (A2LA).

The accreditation number is 2174.01.

2. 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.

3. The laboratory has been recognized by the Innovation, Science and Economic Development

Canada (ISED) to test to Canadian radio equipment requirements. The CAB identifier is CN0003, and the ISED# is 21741.

4. 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.

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

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

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

8. 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.

9. If any question about this report, please contact the laboratory (PublicGCTC@huawei.com).

# **MODIFICATION RECORD**

No.	Report No	Modification Description
1	SYBH(Z-RF)20220105022001-2004	First release.
2	SYBH(Z-RF)20220105022001-2004	Address TCH questions

# DECLARATION

Туре	Description					
Multiple Models	The present report applies to single model.					
Applications	The present report applies to several models. The practical measurements are performed with the model.					
	The present report only presents the worst test case of all modes, see relevant test results for detailed.					

1	Table c	of contents	4
2	Genera	al Information	5
	2.1	Test standard/s	5
	2.2	Test Environment	5
	2.3	Test Laboratories	5
	2.4	Applicant and Manufacturer	6
	2.5	Application details	6
3	Test Su	ummary	7
4	Descrip	ption of the Equipment under Test (EUT)	8
	4.1	General Description	8
	4.2	EUT Identity	8
	4.3	Technical Description	10
5	Genera	al Test Conditions / Configurations	12
	5.1	Test Modes	12
	5.2	Description of tests	14
	5.3	Test Setups	16
	5.4	Test Conditions	19
6	Main T	est Instruments	20
	6.1	Current Test Project/Report	20
7	Measu	rement Uncertainty	21
8	Append	dixes	21

# 2 General Information

### 2.1 Test standard/s

Applied Dules	47 CFR FCC Part 2, Subpart J		
Applied Rules :	7 CFR FCC Part 15, Subpart C		
	FCC KDB 558074 D01 DTS Meas Guidance v05r02		
Test Method :	ANSI C63.10-2013, American National Standard for Testing Unlicensed Wireless		
	Devices.		

## 2.2 Test Environment

Temperature :	TN	15	5 to 30	°C du	ring room temperature tests
Ambient Relative Humidity:	25 to 75 %				
Atmospheric Pressure:	Not applicable				
Power supply :	VN	3.87		V	DC by Battery

NOTE 1: 1) VN= nominal voltage, VL= low extreme test voltage, VH= High extreme test voltage;

TN= normal temperature, TL= low extreme test temperature, TH= High extreme test temperature.

NOTE 2: The values used in the test report may be stringent than the declared.

#### 2.3 Test Laboratories

Test Location 1 :	RELIABILITY LABORATORY OF HUAWEI TECHNOLOGIES CO., LTD.	
Address of Test Location 1 :	No.2 New City Avenue, Songshan Lake Science & Technology Industry Park Dongguan, Guangdong, 523808, People's Republic of China	
Temperature of Test Location 1 :	25°C	
Relative humidity of Test Location 1 :	55 %	



# 2.4 Applicant and Manufacturer

Company Name :	Huawei Device Co., Ltd.		
	No.2 of Xincheng Road, Songshan Lake Zone, Dongguan, Guangdong 523808, People's		
Address :	Republic of China		

#### 2.5 Application details

# 2.5.1 Current Test Project/Report

Date of Receipt Sample:	2022-01-10
Start of test:	2022-01-11
End of test:	2022-02-08



# 3 Test Summary

Test Item	FCC Rule No.	Requirements	Test Result	Verdict	Testing location
DTS (6 dB) Bandwidth	15.247(a)(2)	≥ 500 kHz.	Appendix A	Pass	Test Location 1
Occupied Bandwidth		No limit	Appendix B	Pass	Test Location 1
Duty Cycle	KDB 558074 D01(6.0)	No limit	Appendix C	Pass	Test Location 1
Maximum Average Output Power	15.247(b)(3)	FCC: For directional gain: Conducted < 30 dBm – (G[dBi] – 6 [dB]); Otherwise: Conducted < 30 dBm,	Appendix D	Pass	Test Location 1
Maximum Power Spectral Density Level	15.247(e)	Conducted < 8 dBm/3 kHz.	Appendix E	Pass	Test Location 1
Band Edges Compliance		· 20 dBr/400 kHz if total average	Appendix F	Pass	Test Location 1
Unwanted Emissions into Non-Restricted Frequency Bands	15.247(d)	<-30 dBr/100 kHz if total average power ≤ power limit.	Appendix G	Pass	Test Location 1
Unwanted Emissions into Restricted Frequency Bands (Radiated)	15.247(d) 15.209 (NOTE 1)	FCC Part 15.209 field strength limit;	Appendix H	Pass	Test Location 1
AC Power Line Conducted Emissions	15.207	FCC Part 15.207 conducted limit;	Appendix I	Pass	Test Location 1

NOTE 1:According to KDB 558074 D01, antenna-port conducted measurements are acceptable as an alternative to radiated measurements for demonstrating compliance to the limits in the restricted frequency bands. If conducted measurements are performed, then proper impedance matching must be ensured and an additional radiated test for cabinet/case emissions will also be required.

NOTE2: The transmitter has an integral PCB loop antenna that is enclosed within the housing of the EUT and meets the requirements of FCC 15.203



#### 4 Description of the Equipment under Test (EUT)

#### 4.1 General Description

MGA-LX3 is subscriber equipment in the GSM/WCDMA/LTE system. The GSM frequency bands include GSM850, GSM900, DCS1800 and PCS1900.The WCDMA frequency band includes band I, band II,band IV, band V, band VIII. The LTE frequency bands include band 1, band 2, band 3, band 4, band 5,band 7, band 8, band 13,band 28,band 38,band 26,band 66. The Mobile Phone implements such functions as RF signal receiving/transmitting, LTE/WCDMA and GSM protocol processing, voice, video MMS service, GPS, AGPS, Wi-Fi etc. Externally it provides earphone port (to provide voice service), and dual SIM/single SIM card interface. MGA-LX3 is dual/single 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 1: Only 2.4G WIFI test data included in this report.

#### 4.2 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.

#### 4.2.1 Board

Board	Description				
Product Name :	Smart Phone	Smart Phone			
Model name :	MGA-LX3				
SN :	Conducted 5VEBB21C24200133				
	Radiated 5VEBB21C24200003				
Software Version :	6.0.0.28(C900E28R1P1)				
Hardware Version :	HL1MGASU				

# 4.2.2 Sub-Assembly

	Sub-Assembly						
Sub-Assembly Name	Model	Manufacturer	Description				
Adapter	HW-100225E00	Huawei Device Co., Ltd.	Input voltage: 100V-240V~50/60Hz, 0.75A Output voltage: 5V/2A,9V/2A,10V/2.25A				
Adapter	HW-100225B00	Huawei Device Co., Ltd.	Input voltage: 100V-240V~50/60Hz, 0.75A Output voltage: 5V/2A,9V/2A,10V/2.25A				
Adapter	HW-100225U00	Huawei Device Co., Ltd.	Input voltage: 100V-240V~50/60Hz, 0.75A Output voltage: 5V/2A,9V/2A,10V/2.25A				
Adapter	HW-100225A00	Huawei Device Co., Ltd.	Input voltage: 100V-240V~50/60Hz, 0.75A Output voltage: 5V/2A,9V/2A,10V/2.25A				
Battery	HB536896EFW	Huawei Device Co., Ltd.	Rated capacity: 5900mAh Nominal Voltage: +3.87V Charging Voltage: +4.45V				
Battery	HB536896EFW-1	Huawei Device Co., Ltd.	Rated capacity: 5900mAh Nominal Voltage: +3.87V Charging Voltage: +4.45V				

# 4.3 Technical Description

Characteristic	Description					
IEEE 802.11 WLAN Mode	🛛 802.11b	🛛 20 MHz,				
Supported	🛛 802.11g	🛛 20 MHz				
	🛛 802.11n	☑ 20 MHz, ☑ 40 MHz				
		HE SU	🗌 20 MHz, 🔲 40 MHz			
		HE ERSU	20 MHz: 106-Tone/242-Tone			
			20 MHz: 26-Tone/52-Tone/106-Tone/242-Tone			
	☐ 802.11ax	HE TB	40 MHz:26-Tone/52-Tone/106-Tone/242-Tone/484-Tone			
		HE MU	20 MHz: 26-Tone/52-Tone/106-Tone/242-Tone			
			40 MHz:26-Tone/52-Tone/106-Tone/242-Tone/484-Tone			
TX/RX Operating Range	2412-2462 MHz	2407 MHz + N *	5 MHz, N = 111 (for 802.11b/g/n).			
		2407 MHz + N *	5 MHz, N = 39 (for 802.11n).			
Baseband Modulation	802.11b : DBPSK	/DQPSK/CCK(DS	SS)			
	802.11g : BPSK/C	PSK/16QAM/64C	AM(OFDM)			
	802.11n : BPSK/C	PSK/16QAM/64C	AM(OFDM)			
Emission Designator	8M06G7D (for 802	2.11b mode),				
	16M4G7D (for 802	2.11g mod),				
	17M6G7D (for 802	or 802.11n20 mode),				
	35M8G7D (for 802					
TX Power Control	🛛 Supported, 🗌					
Standby Mode	••	Not Supported				
Equipment Type		quipment,  Plug-in radio device,  Combined equipment				
Antenna	Description	Isotropic Antenn	а			
	Туре	🛛 Integral (per	manent fixed antenna, which may be built-in, designed as an			
		indispensable pa	art of EUT)			
		Dedicated (re	emovable antenna supplied with EUT, designed as an			
		indispensable pa				
	Ports	🛛 Ant 1, 🗌 Ar	nt 2, 🔲 Ant 3			
	Smart System	🛛 802.11b	⊠SISO, □2*2 CDD, □3*3 CDD, □4*4 CDD			
		🛛 802.11g	⊠SISO, □2*2 CDD, □3*3 CDD, □4*4 CDD			
		🛛 802.11n	⊠SISO, □2*2 MIMO, □3*3 MIMO, □4*4 MIMO			
		□ 802.11ax	□SISO, □2*2 MIMO, □3*3 MIMO, □4*4 MIMO			
	Gain	Ant 1: -2.3 (per a	antenna port, max.)			
	Remark	When the EUT is	s put into service, the practical maximum antenna gain should NOT			
		exceed the value	e as described above.			
Power Supply	Туре	External DC	mains,			
		Battery,				

NOTE: For the detailed technical descriptions, see the applicant/manufacturer's specifications or user manual.



Characteristic	Description	
		AC/DC Adapter,
		Powered over Ethernet (PoE).
		□ Other



#### Public

# 5 General Test Conditions / Configurations

#### 5.1 Test Modes

#### 5.1.1 Worst case Configurations

#### NOTE: Typical working modes for each IEEE 802.11 mode are selected to perform tests

	Power Level Setting defined by	Test Modes Description		
Test Mode	Manufacturer			
	ANT1			
11b20SISO	17.50	IEEE 802.11b with data rate of 1 Mbps using SISO mode.		
	CH1/CH11:7.50			
	CH2/CH3:11.00			
11g20SISO	CH4~CH8:17.50	IEEE 802.11g with data rate of 6 Mbps		
	CH9:12.50			
	CH10:9.50			
	CH1/CH11:7.50			
	CH2/CH3:11.50	IEEE 802.11n with data rate of MCS0 and bandwidth of		
11n20SISO	CH4~CH8:17.00			
	CH9:12.50	20 MHz, using SISO mode		
	CH10:9.50			
	CH3/CH4:6.50			
11n40SISO	CH8:8.50	IEEE 802.11n with data rate of MCS0 and bandwidth of		
111405150	CH9:7.50	40 MHz, using SISO mode		
	CH5~CH7:16.00			

#### 5.1.2 Frequencies under Test

Test Bandwidth	RF Channel				
	Lowest (L)	Middle (M) Highest (H)			
20MHz	Ch No. 1 / 2412 MHz	Ch No. 6 / 2437 MHz	Ch No. 11 / 2462 MHz		
40MHz	Ch No. 3 / 2422 MHz	Ch No. 6 / 2437 MHz	Ch No. 9 / 2452 MHz		

Note: Due to the channel power levels are different, we have increased the proximity channel test in Appendix.

5.1.3	The Typica and worst case operational mode for each of the following tests
-------	--

Test Item	Mode	Antenna	Bandwidth	Tone for 11ax	RU for 11ax
DTS (6 dB) Bandwidth	All	SISO	All	N/A	N/A
Occupied Bandwidth	All	SISO	All	N/A	N/A
Duty Cycle	All	SISO	All	N/A	N/A
Maximum Average Output Power	All	SISO	All	N/A	N/A
Maximum Power Spectral Density Level	All	SISO	20MHz	N/A	N/A
Band Edges Compliance	All	SISO	All	N/A	N/A
Unwanted Emissions into Non-Restricted Frequency Bands	All	SISO	All	N/A	N/A
Unwanted Emissions into Restricted Frequency Bands (Radiated)	All	SISO	All	N/A	N/A
AC Power Line Conducted Emissions	11b	SISO	20MHz	N/A	N/A

## 5.2 Description of tests

#### 5.2.1 Bandwidth measurement

(a) Connect EUT test port to spectrum analyzer.

(b) Set the EUT to transmit maximum output power at 2.4GHz, then set the measured frequency number and test the bandwidth with spectrum analyzer.

#### 5.2.2 Average output power

- (a) Connect EUT test port to spectrum analyzer.
- (b) Set the EUT to transmit maximum output power at 2.4GHz.
- (c) Then set the EUT to transmit at high, middle and low frequency and measure the conducted output power separately.

#### 5.2.3 Band edge spurious emission

- (a) Connect EUT test port to spectrum analyzer
- (b) Set the EUT to transmit maximum output power at 2.4GHz.
- (c) Then set the EUT to transmit at high, low frequency and measure the conducted band edge spurious separately.

#### 5.2.4 Conducted RF spurious

- (a) Connect EUT test port to spectrum analyzer
- (b) Set the EUT to transmit maximum output power at 2.4GHz.
- (c) Then set the EUT to transmit at high, middle and low frequency and measure the conducted spurious separately.

#### 5.2.5 Power spectral density

- (a) Connect EUT test port to spectrum analyzer
- (b) Set the EUT to transmit maximum output power at 2.4GHz.
- (c) Then set the EUT to transmit at high, middle and low frequency and measure the conducted power spectral density.

#### 5.2.6 Radiated spurious emission & spurious in restricted band

For frequency below 1GHz, 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. For frequency above 1GHz, the test site full-anechoic chamber has met the requirement of ANSI C63.10 (2013). The EUT was set-up on insulator 150cm 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 operated on the typical channel.

Measurement bandwidth: 30 MHz – 1000 MHz: 120 kHz Measurement bandwidth: 1000 MHz – 10<sup>th</sup> Carrier Frequency: 1 MHz

#### 5.2.7 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 Wireless Modem to transmitter the maximum power which defined in specification of product. The Wireless Modem operated on the typical channel.

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

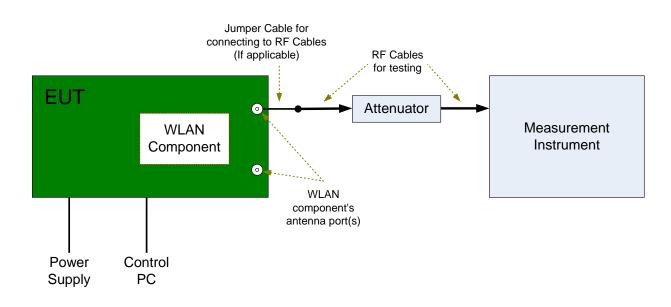
# 5.3 Test Setups

# 5.3.1 General Test Setup 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.					
Sensors and Antenna	Sensors and Antenna optimization function should be disabled during testing by software method to					
	get the stable maximum power and avoid the influence of uncertain conditions					

# 5.3.2 Test Setup 1

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

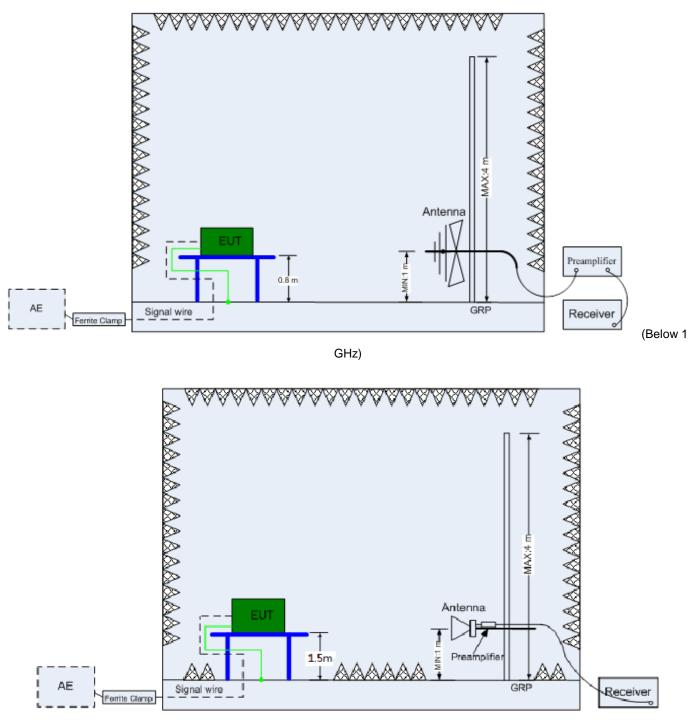


#### 5.3.3 Test Setup 2

The semi-anechoic chamber and full-anechoic chamber has met the requirement of 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).

Public



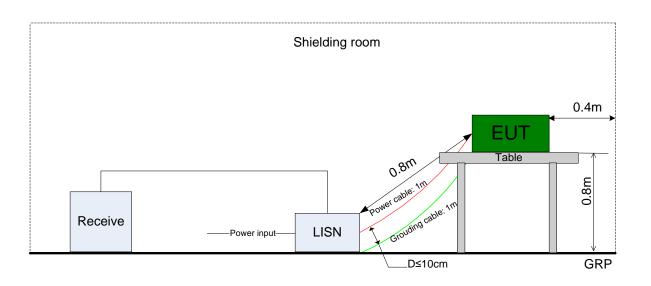
(Above 1 GHz)



# 5.3.4 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.



Test Case	Test Conditions			
	Configuration	Description		
DTS (6 dB)	Measurement Method	FCC KDB 558074 D01 §8.2 Option 1.		
Bandwidth	Test Environment	TN/VN		
	Test Setup	Test Setup 1		
	EUT Configuration	See §5.1		
Occupied	Measurement Method	ANSI C63.10 Section 6.9.3		
Bandwidth	Test Environment	TN/VN		
	Test Setup	Test Setup 1		
	EUT Configuration	See §5.1		
Maximum	Measurement Method	FCC KDB 558074 D01 §8.3.2.2		
Conducted Average	Test Environment	TN/VN		
Output Power	Test Setup	Test Setup 1		
	EUT Configuration	See §5.1		
Maximum Power	Measurement Method	FCC KDB 558074 D01 §8.4		
Spectral Density	Test Environment	TN/VN		
Level	Test Setup	Test Setup 1		
	EUT Configuration	See §5.1		
Band Edges	Measurement Method	FCC KDB 558074 D01 §8.7		
Compliance	Test Environment	TN/VN		
	Test Setup	Test Setup 1		
	EUT Configuration	See §5.1		
Unwanted	Measurement Method	FCC KDB 558074 D01 §8.5		
Emissions into	Test Environment	TN/VN		
Non-Restricted	Test Setup	Test Setup 1		
Frequency Bands	EUT Configuration	See §5.1		
Unwanted	Measurement Method	ANSI C63.10; FCC KDB 558074 D01 §8.6, Radiated		
Emissions into	Test Environment	TN/VN		
Restricted	Test Setup	Test Setup 2		
Frequency Bands	EUT Placement	🖾 Flatwise, 🖾 Upright, 🖾 Hung		
(Radiated)	EUT Configuration	See §5.1		
AC Power Line	Measurement Method	AC mains conducted.		
Conducted	Test Environment	TN/VN		
Emissions	Test Setup	Test Setup 3		
	EUT Configuration	See §5.1		



# 6 Main Test Instruments

# 6.1 Current Test Project/Report

Main Test Equipments(BT/WIFI test system)								
Equipment Name Manufacturer Model Serial Number Cal Date Cal-Due								
Power Sensor	R&S	NRP2	103085/106211	2021/03/13	2022/03/12			
Spectrum Analyzer	Spectrum Analyzer         R&S         FSW26         101787         2021/07/02         2022/07/01							

Main Test Equipments(RE test system)						
Equipment Name	Manufacturer	Model	Serial Number	Cal Date	Cal-Due	
Test receiver	R&S	ESW44	101878	2021/11/13	2022/11/12	
LOOP Antennas(9kHz-30MHz)	R&S	HFH2-Z2	100262	2021/07/11	2023/07/10	
Trilog Broadband Antenna	SCHWARZB		9163-1303	2020/08/10	2022/08/09	
(30M~3GHz)	ECK	VULB 9163	9163-1303			
Trilog Broadband Antenna	SCHWARZB	HF907	100305	2021/05/08	2023/05/07	
(1GHz~18GHz)	ECK	HF907	100305	2021/05/08	2023/03/07	
Trilog Broadband Antenna	SCHWARZB	BBHA 9170	BBHA9170647	2021/09/14	2023/09/13	
(18GHz~40GHz)	ECK	BBRA 9170	BBHA9170047	2021/09/14	2023/09/13	
Software Information						
Test Item	Software Name Manufacturer Version				Version	
RE	EMC32		R&S		V10.60.20	

Main Test Equipments(CE test system)						
Equipment Name	Manufacturer	Model	Serial Number	Cal Date	Cal-Due	
Test receiver	R&S	ESU26	100150	2021/11/13	2022/11/12	
Line Impedance Stabilization	R&S	ENV216	101176	2021/07/20	2022/07/19	
Network	Ras	ENV210	101176	2021/07/20	2022/07/19	
Software Information						
Test Item	Softv	Software Name Manufacturer Version				
CE	E	EMC32 R&S		V9.25.0		

# 7 Measurement Uncertainty

For a 95% confidence level, the measurement expanded uncertainties for defined systems, in accordance with the recommendations of ISO 17025 as following:

Test Item		Extended Uncertainty
Transmit Output Power Data	Power [dBm]	U = 0.39 dB
RF Power Density, Conducted	Power [dBm]	U = 0.66 dB
Bandwidth	Magnitude [kHz]	20MHz: U=41.78kHz
		40MHz: U=82.12kHz
Band Edge Compliance	Disturbance Power [dBm]	U = 0.9 dB
Spurious Emissions, Conducted	Disturbance Power [dBm]	20MHz~3.6GHz: U=0.88dB
		3.6GHz~8.4GHz: U=1.08dB
		8.4GHz~13.6GHz: U=1.24dB
		13.6GHz~22GHz: U=1.34dB
		22GHz~26.5GHz: U=1.36dB
Field Strength of Spurious Radiation	ERP/EIRP [dBm]	For 3 m Chamber:
		U = 3.868 dB (9 kHz to 150 kHz)
		U = 3.782 dB (150 kHz to 30 MHz)
		U = 5.24 dB (30 MHz-1 GHz)
		U = 4.84 dB (1 GHz-18 GHz)
		U = 4.62 dB (18 GHz-26.5 GHz)
AC Power Line Conducted Emissions	Disturbance Voltage[dBµV]	U=2.3 dB
Duty Cycle	Duty Cycle [%]	U=±2.06 %

#### 8 Appendixes

Appendix No.	Description
SYBH(Z-RF)20220105022001-2004-A	Appendix for 2.4G WLAN(Conducted)
SYBH(Z-RF)20220105022001-2004-B	Appendix for 2.4G WLAN(Radiated)

Note: We tested all modes & antennas, and the data presented in the appendix is the worst case.

END