

# **FCC/IC - TEST REPORT**

Report Number	:	68.950.16.580.01		Date of Issue:	December 30, 2016
Model	:	SH010			
Product Type	:	VerveOnes Music	Edition (Ve	erveOnes M.E.)	
Applicant	:	Binatone Electron	ics Internat	ional Ltd.	
Address	:	Floor 23A, 9 Des	Voeux Roa	d, West. HONG k	CONG
Production Facility	:	Charter Media (Dongguan) Co., Ltd.			
Address	:	Dabandi Industria	l Zone, Dar	ning District, Hum	en Town
		523930 Dongguar	n City, Gua	ngdong Province	
		PEOPLE'S REPU	BLIC OF C	HINA	
Test Result	:	Positive	□ Negativ	ve	
Total pages including Appendices	:	27			

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch is a subcontractor to TÜV SÜD Product Service GmbH according to the principles outlined in ISO 17025.

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch reports apply only to the specific samples tested under stated test conditions. Construction of the actual test samples has been documented. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. The manufacturer/importer is responsible to the Competent Authorities in Europe for any modifications made to the production units which result in non-compliance to the relevant regulations. TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch shall have no liability for any deductions, inferences or generalizations drawn by the client or others from TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch issued reports.

This report is the confidential property of the client. As a mutual protection to our clients, the public and ourselves, extracts from the test report shall not be reproduced except in full without our written approval.



## **1** Table of Contents

1	Table of Contents	2
2	Details about the Test Laboratory	3
3	Description of the Equipment under Test	4
4	Summary of Test Standards	5
5	Summary of Test Results	6
6	General Remarks	7
7	Test Setups	8
8	Systems test configuration	9
9	Technical Requirement	10
9.	1 Conducted peak output power	10
9.	2 6dB bandwidth	12
9.	3 Power spectral density	14
9.	4 Spurious RF conducted emissions	16
9.	5 Band edge	20
9.	6 Spurious radiated emissions for transmitter	22
10	Test Equipment List	26
11	System Measurement Uncertainty	27



# 2 Details about the Test Laboratory

## **Details about the Test Laboratory**

Test Site 1

Company name:	TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2, Nanshan District, Shenzhen City, 518052, P. R. China
FCC Registration Number:	502708
IC Registration Number:	10320A-1
Telephone: Fax:	86 755 8828 6998 86 755 828 5299



# **3** Description of the Equipment under Test

## **Description of the Equipment Under Test**

Product:	VerveOnes Music Edition (VerveOnes M.E.)
Model no.:	SH010
IC	4522A-SH010
FCC ID:	VLJ-SH010
Options and accessories:	NIL
Rating:	DC3.8V, 70mAh For earphone (Supplied by Internal rechargeable battery) DC3.8V, 300mAh For charging base (Supplied by Internal rechargeable battery) DC5.0V, 0.5A (Charged by the mini-USB port)
RF Transmission	2402-2480MHz
Frequency: No. of Operated Channel:	40
Modulation:	GFSK
Antenna Type:	Integrated Antenna
Antenna Gain:	1.0dBi
Description of the EUT:	The Equipment Under Test (EUT) is a VerveOnes Music Edition (VerveOnes M.E.) with Bluetooth function operating at 2.4GHz



## 4 Summary of Test Standards

Test Standards			
FCC Part 15 Subpart C	PART 15 - RADIO FREQUENCY DEVICES		
10-1-2015 Edition	Subpart C - Intentional Radiators		
RSS-247	Digital Transmission Systems (DTS), Frequency Hopping Systems		
Issue 1 2015	(FHSS) and License-Exempt Local Area Network (LE-LAN) Devices		

All the test methods were according to KDB558074 DTS Measurement Guidance and ANSI C63.10 (2013).



## 5 Summary of Test Results

	Technical Requirements				
FCC Part 15 Sub	part C/RSS-247	Issue 1/RSS-Gen Issue 4			
Test Condition			Pages	Test Result	Test Site
§15.207	RSS-GEN 8.8	Conducted emission AC power port		N/A	
§15.247(b)(1)	RSS-247 Clause 5.4(2)	Conducted peak output power	10	Pass	Site 1
§15.247(e)	RSS-247 Clause 5.2(2)	Power spectral density*	14	Pass	Site 1
§15.247(a)(2)	RSS-247 Clause 5.2(1)	6dB bandwidth	12	Pass	Site 1
§15.247(a)(1)	RSS-247 Clause 5.1(1)	20dB bandwidth and 99% Occupied Bandwidth	12	Pass	Site 1
§15.247(a)(1)	RSS-247 Clause 5.1(2)	Carrier frequency separation		N/A	
§15.247(a)(1)(iii)	RSS-247 Clause 5.1(4)	Number of hopping frequencies		N/A	
§15.247(a)(1)(iii)	RSS-247 Clause 5.1(4)	Dwell Time		N/A	
§15.247(d)	RSS-247 Clause 5.5	Spurious RF conducted emissions	16	Pass	Site 1
§15.247(d)	RSS-247 Clause 5.5	Band edge	20	Pass	Site 1
§15.247(d) & §15.209 &	RSS-247 Clause 5.5 & RSS-GEN 6.13	Spurious radiated emissions for transmitter and receiver	22	Pass	Site 1
§15.203	RSS-GEN 8.3	Antenna requirement	See note 1	Pass	

Remark 1: N/A – Not Applicable.

Note 1: The EUT uses an Integrated Antenna, which gain is 1.0dBi. According to §15.203, it is considered sufficiently to comply with the provisions of this section.



## **General Remarks**

### Remarks

This submittal(s) (test report) is intended for FCC ID: VLJ-SH010, IC: 4522A-SH010 complies with Section 15.209, 15.247 of the FCC Part 15, Subpart C and RSS 247 and RSS-Gen rules.

This report is for the BT 4.0 part.

### SUMMARY:

All tests according to the regulations cited on page 5 were

Performed

□ - Not Performed

The Equipment under Test

Fulfills the general approval requirements.

□ - **Does not** fulfill the general approval requirements.

Sample Received Date:

October 08, 2016

Testing Start Date: October 08, 2016

Testing End Date:

November 08, 2016

- TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch -

Reviewed by:

Prepared by:

Tested by:

Leon

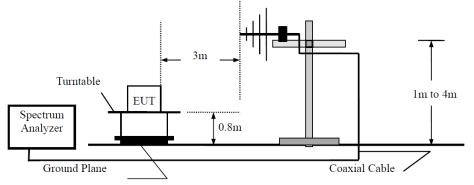
Phoebe Hu **EMC** Project Manager

Aaron Lai **EMC Project Engineer** 

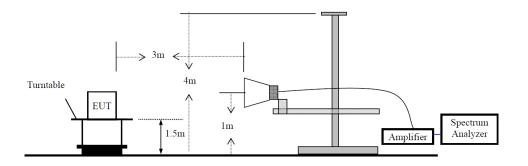
Leon Zhang **EMC Test Engineer** 



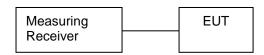
## Below 1GHz



## Above 1GHz



## 7.2 Conducted RF test setups







## 8 Systems test configuration

Auxiliary Equipment Used during Test:

DESCRIPTION	MANUFACTURER	MODEL NO.(SHIELD)	S/N(LENGTH)

Test software: Bluetooth 3.0, which used to control the EUT in continues transmitting mode.

The system was configured to channel 0, 19, and 39 for the test.



## 9 Technical Requirement

# 9.1

# 9.1 Conducted peak output power

## **Test Method**

- Use the following spectrum analyzer settings: RBW > the 6 dB bandwidth of the emission being measured, VBW≥3RBW, Span≥3RBW Sweep = auto, Detector function = peak, Trace = max hold.
- 2. Add a correction factor to the display.
- 3. Allow the trace to stabilize. Use the marker-to-peak function to set the marker to the peak of the emission. The indicated level is the peak output power.

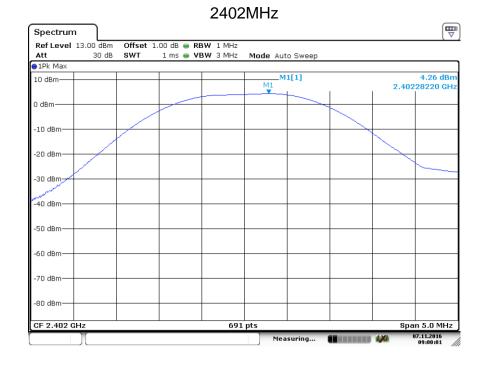
## Limits

According to §15.247 (b) (1), conducted peak output power limit as below:

Frequency Range	Limit	Limit
MHz	W	dBm
2400-2483.5	≤1	≤30

Test result as below table

Frequency	Conducted Peak Output Power	Result
MHz	dBm	
Top channel 2402MHz	4.26	Pass
Middle channel 2440MHz	5.56	Pass
Bottom channel 2480MHz	5.49	Pass

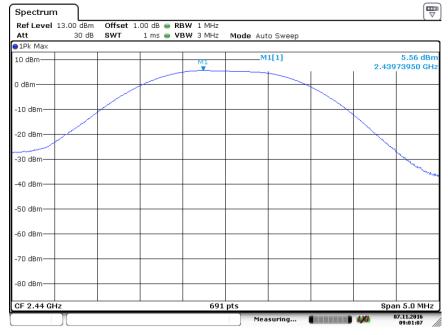


EMC\_SZ\_FR\_21.00 FCC Release 2014-03-20 TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2, Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 8828 6998, Fax: +86 755 8828 5299

Page 10 of 27



2440MHz



#### 2480MHz



EMC\_SZ\_FR\_21.00 FCC Release 2014-03-20 TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2, Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 8828 6998, Fax: +86 755 8828 5299

Page 11 of 27



## 9.2 6dB bandwidth

#### **Test Method**

- Use the following spectrum analyzer settings: RBW=100K, VBW≥3RBW, Sweep = auto, Detector function = peak, Trace = max hold
- 2. Use the automatic bandwidth measurement capability of an instrument, may be employed using the X dB bandwidth mode with X set to 6 dB, care shall be taken so that the bandwidth measurement is not influenced by any intermediate power nulls in the fundamental emission that might be  $\geq$  6 dB.
- 3. Allow the trace to stabilize, record the X dB Bandwidth value.

## Limit

	Limit	[kHz]	
	≥5	00	
result			
Frequency	6dB bandwidth		Result
MHz	kHz	kHz	Result
Top channel 2402MHz	716.4	1054.99	Pass
Middle channel 2440MHz	699.0	1046.30	Pass
Bottom channel 2480MHz	703.3	1046.30	Pass
	0.400		
	2402	INIHZ	
Spectrum Ref Level 19.5			
👄 Att	30 dB SWT 19 µs 👄 VBW 300 kH		
●1Pk Max		D1[1]	0.02 dB
10 dBm 1 e			716.40 kHz 192764 MHz
01 5.	160 dBm	M161]	3.18 dBm
0 dBm			L63970 GHz
-10 dBm			
10 40			
-20 dBm			
-30 dBm			
$\sim$			
-40 dBm			
-50 dBm			
-60 dBm			
-70 dBm			
CF 2.402 GHz	691		an 3.0 MHz

EMC\_SZ\_FR\_21.00 FCC Release 2014-03-20



#### 6 dB Bandwidth



EMC\_SZ\_FR\_21.00 FCC Release 2014-03-20 TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2, Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 8828 6998, Fax: +86 755 8828 5299

Page 13 of 27



## 9.3 Power spectral density

#### **Test Method**

This procedure shall be used if maximum peak conducted output power was used to demonstrate compliance:

- Set analyzer center frequency to DTS channel center frequency. RBW=3kHz,VBW≥3RBW,Span=1.5 times DTS bandwidth, Detector=Peak, Sweep=auto, Trace= max hold.
- 2. Allow trace to fully stabilize, use the peak marker function to determine the maximum amplitude level within the RBW.
- 3. Repeat above procedures until other frequencies measured were completed.

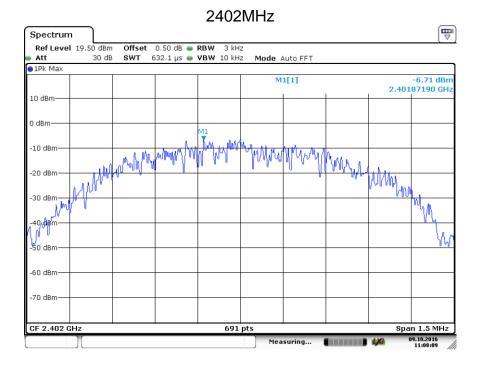
### Limit

Limit [dBm]

≤8

Test result

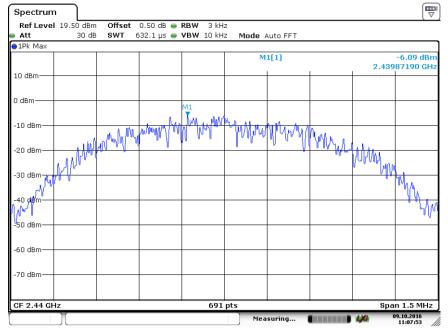
	Power spectral	
Frequency	density	Result
MHz	dBm	
Top channel 2402MHz	-6.71	Pass
Middle channel 2440MHz	-6.09	Pass
Bottom channel 2480MHz	-6.28	Pass



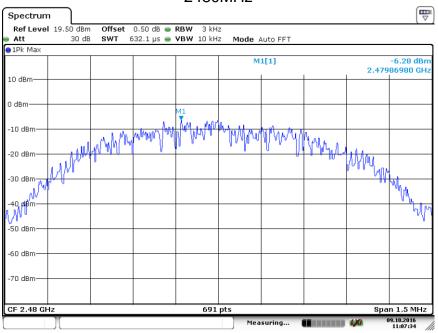
EMC\_SZ\_FR\_21.00 FCC Release 2014-03-20 TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2, Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 8828 6998, Fax: +86 755 8828 5299 Page 14 of 27



2440MHz



#### 2480MHz



EMC\_SZ\_FR\_21.00 FCC Release 2014-03-20 TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2, Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 8828 6998, Fax: +86 755 8828 5299

Page 15 of 27



## 9.4 Spurious RF conducted emissions

#### **Test Method**

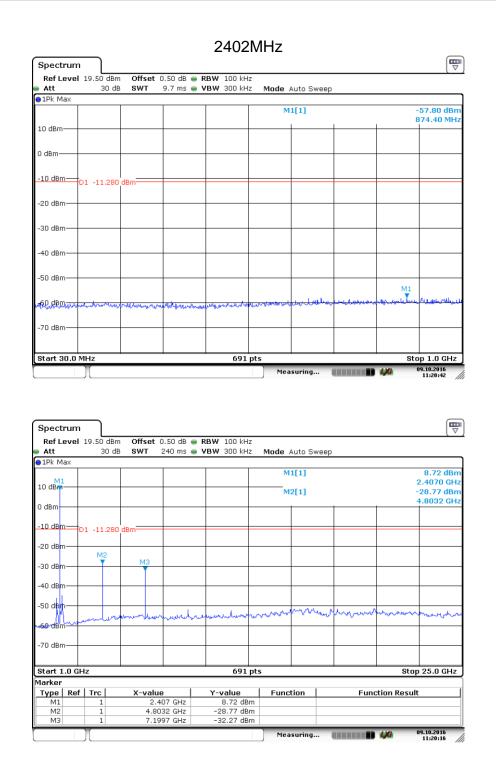
- 1. Establish a reference level by using the following procedure:
  - a. Set RBW=100 kHz. VBW≥3RBW. Detector =peak, Sweep time = auto couple, Trace mode = max hold.
  - b. Allow trace to fully stabilize, use the peak marker function to determine the maximum PSD level.
- 2. Use the maximum PSD level to establish the reference level.
  - a. Set the center frequency and span to encompass frequency range to be measured.
  - b. Use the peak marker function to determine the maximum amplitude level. Ensure that the amplitude of all unwanted emissions outside of the authorized frequency band (excluding restricted frequency bands) are attenuated by at least the minimum requirements, report the three highest emissions relative to the limit.
- 3. Repeat above procedures until other frequencies measured were completed.

#### Limit

Frequency Range MHz	Limit (dBc)
30-25000	-20



#### Spurious RF conducted emissions

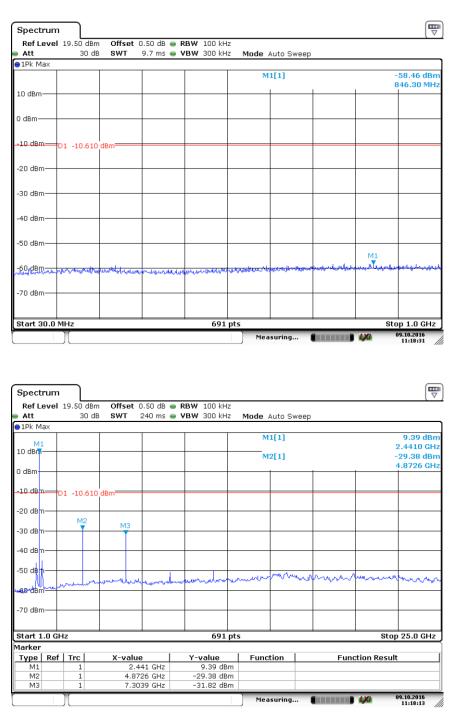


EMC\_SZ\_FR\_21.00 FCC Release 2014-03-20 TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2, Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 8828 6998, Fax: +86 755 8828 5299

Page 17 of 27



#### **Spurious RF conducted emissions**



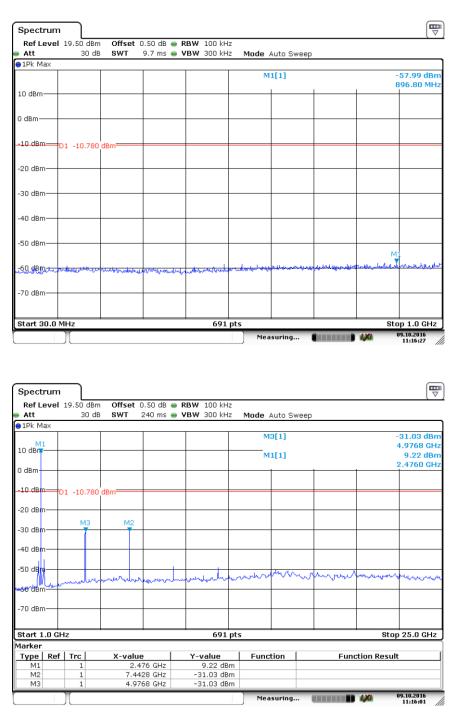
2440MHz

EMC\_SZ\_FR\_21.00 FCC Release 2014-03-20 TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2, Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 8828 6998, Fax: +86 755 8828 5299

Page 18 of 27



#### **Spurious RF conducted emissions**



2480MHz

EMC\_SZ\_FR\_21.00 FCC Release 2014-03-20 TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2, Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 8828 6998, Fax: +86 755 8828 5299

Page 19 of 27

# 9.5 Band edge

### **Test Method**

1 Use the following spectrum analyzer settings:

Span = wide enough to capture the peak level of the in-band emission and all spurious RBW = 100 kHz, VBW ≥ RBW, Sweep = auto, Detector function = peak, Trace = max hold.

- 2 Allow the trace to stabilize, use the peak and delta measurement to record the result.
- 3 The level displayed must comply with the limit specified in this Section.

## Limit

Frequency Range MHz	Limit (dBc)
30-25000	-20

## **Test result**

Ref Level Att	21.50 dBm 40 dB		<ul> <li>RBW 100 kHz</li> <li>VBW 300 kHz</li> </ul>	Mode Auto Swee	an a		
1Pk Max	10 40	0111 111		Mode Add Swee	°P		
				M3[1]			35.17 dBr
10 dBm				M1[1]		2.40	00000,GH 8.31 dBr
						2.40	02040 CH
0 dBm							A
10 10-							
-10 dBm	D1 -11.69	D dBm					
-20 dBm							
							. 11
-30 dBm							MB
							, N
-40 dBm						M2	W
-50.d8m			- here and the second second		water and the second	and Torre should	J
-60 dBm							
-70 dBm							
-/U aBm							
CF 2.3575	GHz		691 p	ots		Span	95.0 MHz
4arker			•				
Type   Ref	Trc	X-value	Y-value	Function	Functi	ion Result	
M1	1	2.40204 GHz					
M2 M3	1	2.39 GHz 2.4 GHz					

EMC\_SZ\_FR\_21.00 FCC Release 2014-03-20

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2, Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 8828 6998, Fax: +86 755 8828 5299

Page 20 of 27



#### Report Number: 68.950.16.580.01

# Band edge

2480MHz Spectrum RefLevel 19.50 dBm Att 30 dB Mode Auto Sweep ⊖1Pk Max -39.99 dBn 2.495960 GH M4[1] м1 10 🥵 9.26 dBn 2.480010 GH M1[1] 0 dBr -10 dBr -10.7 -20 db 30 dBn 40 dBM M4 h -50 dBm Trun ไหม/ dul Michald Juborance للتعالل -60 dBr -70 dBm Stop 2.55 GHz Start 2.477 GHz 691 pts Marker X-value 2.48001 GHz 2.4835 GHz 2.5 GHz 2.49596 GHz 9.26 dBm -41.51 dBm -53.19 dBm -39.99 dBm Type Ref Trc Function Function Result M1 M2 M3 M4 1 09.10.2016 11:12:12 Measuring... 🚺 🚺 🎶





## 9.6 Spurious radiated emissions for transmitter

## **Test Method**

1: The EUT was place on a turn table which is 1.5m above ground plane for above 1GHz and 0.8m above ground for below 1GHz at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.

2: The EUT was set 3 meters away from the interference – receiving antenna, which was mounted on the top of a variable – height antenna tower.

3: The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

4: For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

5: Use the following spectrum analyzer settings According to C63.10:

For Above 1GHz

Span = wide enough to capture the peak level of the in-band emission and all spurious RBW = 1MHz, VBW≥RBW for peak measurement and VBW = 10Hz for average

measurement, Sweep = auto, Detector function = peak, Trace = max hold.

For Below 1GHz

Use the following spectrum analyzer settings:

Span = wide enough to capture the peak level of the in-band emission and all spurious RBW = 100 KHz, VBW≥RBW for peak measurement, Sweep = auto, Detector function = peak, Trace = max hold.

#### Note:

1: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 KHz for Quasi-peak detection (QP) at frequency below 1GHz.

2: The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for peak detection (PK) at frequency above 1GHz.

3: The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for RMS Average ((duty cycle < 98%) for Average detection (AV) at frequency above 1GHz, then the measurement results was added to a correction factor (20log(1/duty cycle)).

4: The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 10Hz (duty cycle > 98%) for Average detection (AV) at frequency above 1GHz.



## Limit

The radio emission outside the operating frequency band 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. Radiated emissions which fall in the restricted bands, as defined in section15.205, must comply with the radiated emission limits specified in section 15.209.

Frequency MHz	Field Strength uV/m	Field Strength dBµV/m	Detector
30-88	100	40	QP
88-216	150	43.5	QP
216-960	200	46	QP
960-1000	500	54	QP
Above 1000	500	54	AV
Above 1000	5000	74	PK



#### Spurious radiated emissions for transmitter

According to C63.10, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement, so AV emission value did not show in below table if the peak value complies with average limit.

#### Transmitting spurious emission test result as below:

2402MHz (30N	/Hz – 1GHz)					
	Frequency	Emission Level	Polarization	Limit	Detector	Result
	MHz	dBuV/m		dBµV/m		
	878.58	31.15	Horizontal	46.00	QP	Pass
	38.02	27.42	Vertical	40.00	QP	Pass
2402MHz (Abc	ove 1GHz)					
	Frequency	Emission Level	Polarization	Limit	Detector	Result
	MHz	dBuV/m		dBµV/m		
	4804.21	49.44	Horizontal	74.00	PK	Pass
	4803.28	47.99	Vertical	74.00	PK	Pass
2440MHz (30N	/Hz – 1GHz)					
2440MHz (30N	/Hz – 1GHz) Frequency	Emission Level	Polarization	Limit	Detector	Result
2440MHz (30N	,		Polarization	Limit dBµV/m	Detector	Result
2440MHz (30N	Frequency	Level	Horizontal		QP	<b>Result</b> Pass
2440MHz (30N	Frequency	Level				
2440MHz (30M 2440MHz (Abc	Frequency MHz  	Level dBuV/m  	Horizontal	dBµV/m 	QP	Pass
·	Frequency MHz  	Level	Horizontal	dBµV/m 	QP	Pass
·	Frequency MHz   ove 1GHz)	Level dBuV/m   Emission	Horizontal Vertical	dBµV/m  	QP QP	Pass Pass
·	Frequency MHz   ove 1GHz) Frequency	Level dBuV/m   Emission Level	Horizontal Vertical	dBµV/m   Limit	QP QP	Pass Pass

#### Remark:

(1) Data of measurement within this frequency range shown "-" in the table above means the reading of emissions are attenuated more than 20db below the permissible limits or the field strength is too small to be measured.

(2) "\*" means the emission(s) appear within the restrict bands shall follow the requirement of section 15.205.



#### 2480MHz (30MHz - 1GHz)

`	Frequency MHz	Emission Level dBuV/m	Polarization	Limit dBµV/m	Detector	Result
			Horizontal		QP	Pass
			Vertical		QP	Pass

#### 2480MHz (Above 1GHz)

Frequency	Emission Level	Polarization	Limit	Detector	Result
MHz	dBuV/m		dBµV/m		
4959.37	53.51	Horizontal	74.00	PK	Pass
4959.37	51.19	Vertical	74.00	PK	Pass

#### Remark:

- (1) Data of measurement within this frequency range shown "-" in the table above means the reading of emissions are attenuated more than 20db below the permissible limits or the field strength is too small to be measured.
- (2) "\*" means the emission(s) appear within the restrict bands shall follow the requirement of section 15.205.

# **10 Test Equipment List**

### **List of Test Instruments**

DESCRIPTION	MANUFACTURER	MODEL NO.	SERIAL NO.	CAL. DUE DATE
Signal Analyzer	Rohde & Schwarz	FSV40	101030	2017-7-15
EMI Test Receiver	Rohde & Schwarz	ESR 26	101269	2017-7-15
Trilog Super Broadband Test Antenna	Schwarzbeck	VULB 9163	707	2017-8-3
Horn Antenna	Rohde & Schwarz	HF907	102294	2017-7-15
Pre-amplifier	Rohde & Schwarz	SCU 18	102230	2017-7-15
3m Semi-anechoic chamber	TDK	9X6X6		2019-5-29
EMI Test Receiver	Rohde & Schwarz	ESR 26	101269	2017-7-15
Trilog Super Broadband Test Antenna	Schwarzbeck	VULB 9163	707	2017-8-3
Horn Antenna	Rohde & Schwarz	HF907	102294	2017-7-15

C - Conducted RF tests

- Conducted peak output power
- 6dB bandwidth
- Power spectral density\*
- Spurious RF conducted emissions
- Band edge





## **11 System Measurement Uncertainty**

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

System Measurement Uncerta	ainty
Test Items	Extended Uncertainty
Uncertainty for Radiated Spurious Emission 25MHz- 3000MHz	Horizontal: 4.95dB; Vertical: 5.02dB;
Uncertainty for Radiated Spurious Emission 3000MHz- 18000MHz	Horizontal: 4.89dB; Vertical: 4.88dB;
Uncertainty for Radiated Spurious Emission 18000MHz- 40000MHz	Horizontal: 4.93dB; Vertical: 4.92dB;
Uncertainty for Conducted Emission 150kHz-30MHz (for test using AMN ENV216)	3.50dB
Uncertainty for Conducted RF test	2.04dB