## FCC 47 CFR PART 15 SUBPART C

Product Type : 10.1" Tablet

Applicant : VIA Technologies, Inc.

Address 8F, 533, Chung-Cheng Rd. Hsin-Tien, New Taipei City, Taiwan

Trade Name : Viega

Model Number : VT6081

Test : FCC 47 CFR PART 15 SUBPART C: Oct., 2013

Specification ANSI C63.4:2009

Receive Date : May 29, 2014

Test Period : May 29~Jun. 04, 2014

Issue Date : Jun. 23, 2014

#### Issue by

A Test Lab Techno Corp. No. 140-1, Changan Street, Bade City, Taoyuan County 334, Taiwan R.O.C. Tel: +886-3-2710188 / Fax: +886-3-2710190





 $\underline{T}$ aiwan  $\underline{A}$ ccreditation  $\underline{F}$ oundation accreditation number: 1330

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## **Revision History**

Rev.	Issue Date	Revisions	Revised By
00	Jun. 23, 2014	Initial Issue	

# **Verification of Compliance**

Issued Date: 2014/06/23

Product Type : 10.1" Tablet

Applicant : VIA Technologies, Inc.

Address : 8F, 533, Chung-Cheng Rd. Hsin-Tien, New Taipei City,

Taiwan

Trade Name : Viega Model Number : VT6081

FCC ID : NCI-VEVT6081A1

EUT Rated Voltage : DC 12V, 1.5A

Test Voltage : 120 Vac / 60 Hz

Applicable : FCC 47 CFR PART 15 SUBPART C: Oct., 2013

Standard ANSI C63.4:2009

Test Result : Complied

Performing Lab. : A Test Lab Techno Corp.

No. 140-1, Changan Street, Bade City,

Taoyuan County 334, Taiwan R.O.C.

Tel: +886-3-2710188 / Fax: +886-3-2710190

Taiwan Accreditation Foundation accreditation number: 1330

http://www.atl-lab.com.tw/e-index.htm

The above equipment was tested by A Test Lab Techno Corp. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.4: 2009 and the energy emitted by the sample tested as described in this report is in compliance with the requirements of FCC Rules Part 15.207, 15.209, 15.225.

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

Approved By :

(Manager)

(Flv Lu)

Reviewed By

(Testing Engineer)

Eric Ou Yang)

1330



# **TABLE OF CONTENTS**

1	Gene	eral Information	5
2	EUT	Description	6
3	Test	Methodology	7
	3.1.	Mode of Operation	7
	3.2.	EUT Exercise Software	7
	3.3.	Configuration of Test System Details	8
	3.4.	Test Site Environment	8
4	Cond	ducted Emission Measurement	9
	4.1.	Limit	9
	4.2.	Test Instruments	9
	4.3.	Test Setup	9
	4.4.	Test Procedure	.10
	4.5.	Test Result	. 11
5	Radi	ated Emissions Measurement	.13
	5.1.	Limit	.13
	5.2.	Test Instruments	.14
	5.3.	Setup	.15
	5.4.	Test Procedure	.16
	5.5.	Test Result	.18
6	Freq	uency Stability Measurement	.21
	6.1.	Limit	.21
	6.2.	Test Setup	.21
	6.3.	Test Instruments	.21
	6.4.	Test Procedure	.22
	6.5.	Test Result	.22

# 1 General Information

## 1.1 Summary of Test Result

Reference 47 CFR Part 15.225	Test	Results	Section			
15.207(a)	Conducted Emissions Voltage	PASS	4.5			
15.225 (a), (b), (c), (d) 15.209	Radiated Emission Limits	PASS	5.5			
15.225(e)	Frequency Stability	PASS	6.5			
CFR 47 Part 15.225(2006) / ANSI C63.4: 2009						

The test results of this report relate only to the tested sample(s) identified in this report. Manufacturer or whom it may concern should recognize the pass or fail of the test result.

## 1.2 Measurement Uncertainty

Test Item	Frequency Ra	Uncertainty (dB)		
Conducted Emission	cted Emission 9kHz ~ 30MHz			
	30MHz ~ 1000MHz	Horizontal	± 3.98	
	SOIVIEZ ~ TOUDIVIEZ	Vertical	± 3.62	
Radiated Emission	1000MHz ~ 18000MHz	Horizontal	± 3.11	
hadiated Effission	1000IVIH2 ~ 10000IVIH2	Vertical	± 3.07	
	18000MHz ~ 40000MHz	Horizontal	± 3.66	
	1 10000IVII 12 ~ 40000IVIII2	Vertical	± 3.54	



# 2 **EUT Description**

Applicant :	VIA Technologies, Inc.				
Applicant Address :	8F, 533, Chung-Cheng Rd. Hsin-Tien, New Taipei City, Taiwan				
Manufacturer :	VIA Technologies, Inc.				
Manufacturer Address :	8F, 533, Chung-Cheng Rd. Hsin-Tien, New Taipei City, Taiwan				
Product :	10.1" Tablet				
Trade Name :	Viega				
Model Number :	VT6081				
IMEI No. :	358901048976879				
FCC ID :	NCI-VEVT6081A1				
Frequency Range :	13.56 MHz				
Modulation Type :	ASK				
Number of Channels :	1 Channel				
Antenna Type :	FPC Antenna				

## 3 Test Methodology

### 3.1. Mode of Operation

The following test mode(s) were scanned during the preliminary test:

Pre-Test Mode
Mode 1: Normal Operation Mode
Mode 2: Transmit Mode

By preliminary testing and verifying three axis (X, Y and Z) position of EUT transmitted status, it was found that "X axis" position was the worst, then the final test was executed the worst condition and test data were recorded in this report.

ATL has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation.

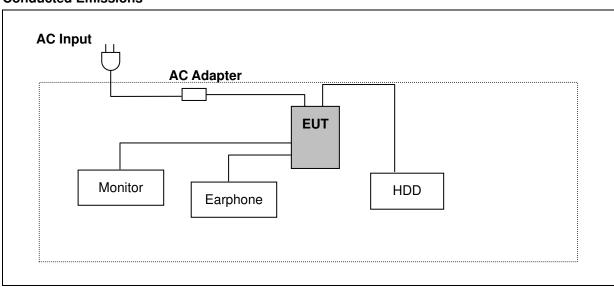
#### 3.2. EUT Exercise Software

1.	Setup the EUT as shown on 3.3.
2.	Turn on the power of all equipment.
3.	The EUT will start to operate function.

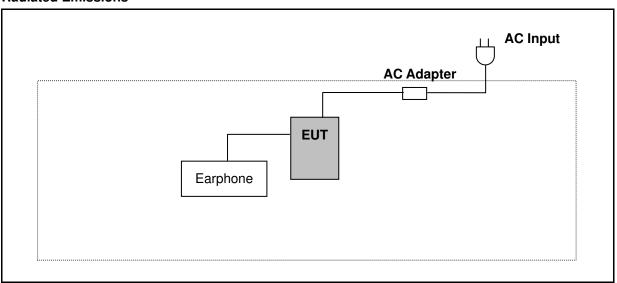


## 3.3. Configuration of Test System Details

#### **Conducted Emissions**



#### **Radiated Emissions**



### 3.4. Test Site Environment

Items	Required (IEC 60068-1)	Actual
Temperature (°C)	15-35	25
Humidity (%RH)	25-75	50
Barometric pressure (mbar)	860-1060	950



## 4 Conducted Emission Measurement

## 4.1. Limit

Frequency (MHz)	Quasi-peak	Average
0.15 - 0.5	66 to 56	56 to 46
0.50 - 5.0	56	46
5.0 - 30.0	60	50

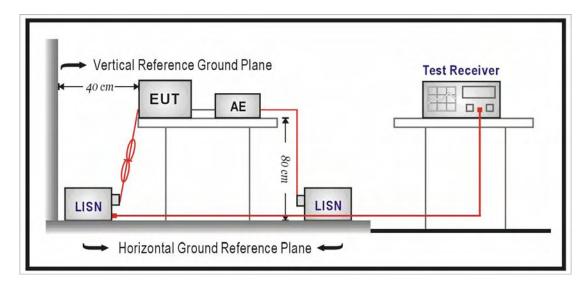
#### 4.2. Test Instruments

Describe	Manufacturer	Model Number	Serial Number	Cal. Date	Remark
Test Receiver	R&S	ESCI	100367	06/06/2014	(1)
LISN	R&S	ENV216	101040	03/07/2014	(1)
LISN	R&S	ENV216	101041	03/07/2014	(1)
Test Site	ATL	TE05	TE05	N.C.R.	

Remark: (1) Calibration period 1 year. (2) Calibration period 2 years.

NOTE: N.C.R. = No Calibration Request.

## 4.3. Test Setup



#### 4.4. Test Procedure

The power line conducted emission measurements were performed in a shielded enclosure. The EUT was assembled on a wooden table which is 80 centimeters high, was placed 40 centimeters from the back wall and at least 1 meter from the sidewall.

Power was fed to the EUT from the public utility power grid through a line filter and EMCO Model 3162/2 SH Line Impedance Stabilization Networks (LISN). The LISN housing, measuring instrumentation case, ground plane, etc., were electrically bonded together at the same RF potential. The Spectrum analyzer was connected to the AC line through an isolation transformer. The 50-ohm output of the LISN was connected to the spectrum analyzer directly. Conducted emission levels were in the CISPR quasi-peak detection mode. The analyzer's 6 dB bandwidth was set to 9 KHz. No post-detector video filter was used.

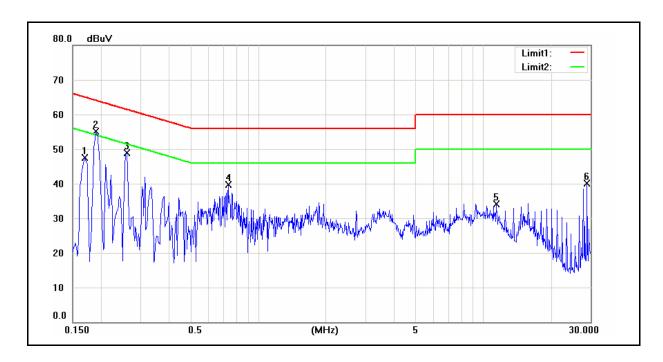
The spectrum was scanned from 150 KHz to 30 MHz. The physical arrangement of the test system and associated cabling was varied (within the scope of arrangements likely to be encountered in actual use) to determine the effect on the unit's emanations in amplitude and frequency. All spurious emission frequencies were observed. The highest emission amplitudes relative to the appropriate limit were measured and have been recorded in paragraph 4.1.

#### **Spectrum Analyzer Settings**

Measurement	Preliminary	Peak Scan	Final Detection			
Frequency	Resolution Bandwidth	Video Bandwidth	Quasi-Peak Bandwidth	Average Video Bandwidth		
9kHz to 150kHz	10kHz	10kHz	200Hz	10Hz		
150kHz to 30MHz	100kHz	100kHz	9kHz	10Hz		

### 4.5. Test Result

Standard: FCC Part 15C Line: L1 Test item: Conducted Emission Power: AC 120V/60Hz Model Number: VT6081 Temp.(°C)/Hum.(%RH): 22(°C)/58%RH Mode: Mode 1 Date: 06/04/2014 Test By: Eric Ou Yang Description:



No.	Frequency	QP	AVG	Correction	QP	AVG	QP	AVG	QP	AVG	Remark
		reading	reading	factor	result	result	limit	limit	margin	margin	
	(MHz)	(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	
1	0.1700	30.17	15.01	9.58	39.75	24.59	64.96	54.96	-25.21	-30.37	Pass
2	0.1900	43.29	26.26	9.58	52.87	35.84	64.04	54.04	-11.17	-18.20	Pass
3	0.2620	36.55	19.55	9.58	46.13	29.13	61.37	51.37	-15.24	-22.24	Pass
4	0.7380	26.86	20.24	9.59	36.45	29.83	56.00	46.00	-19.55	-16.17	Pass
5	11.4820	21.47	17.15	9.90	31.37	27.05	60.00	50.00	-28.63	-22.95	Pass
6	28.9740	28.53	23.17	10.07	38.60	33.24	60.00	50.00	-21.40	-16.76	Pass

Note: 1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB) = Cable loss (dB) + L.I.S.N. factor (dB).

Standard: FCC Part 15C Line: N

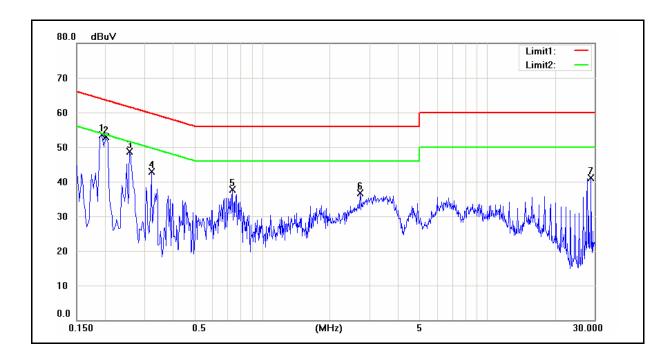
Test item: Conducted Emission Power: AC 120V/60Hz

Model Number: VT6081 Temp.(°C)/Hum.(%RH): 22(°C)/58%RH

Mode: Mode 1 Date: 06/04/2014

Test By: Eric Ou Yang

Description:



No.	Frequency	QP	AVG	Correction	QP	AVG	QP	AVG	QP	AVG	Remark
		reading	reading	factor	result	result	limit	limit	margin	margin	
	(MHz)	(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	
1	0.1940	41.64	25.34	9.58	51.22	34.92	63.86	53.86	-12.64	-18.94	Pass
2	0.2020	40.31	22.64	9.58	49.89	32.22	63.53	53.53	-13.64	-21.31	Pass
3	0.2580	35.95	17.55	9.58	45.53	27.13	61.50	51.50	-15.97	-24.37	Pass
4	0.3220	29.00	14.89	9.58	38.58	24.47	59.66	49.66	-21.08	-25.19	Pass
5	0.7380	26.96	21.37	9.59	36.55	30.96	56.00	46.00	-19.45	-15.04	Pass
6	2.7340	23.36	18.60	9.67	33.03	28.27	56.00	46.00	-22.97	-17.73	Pass
7	28.9620	29.32	23.21	10.14	39.46	33.35	60.00	50.00	-20.54	-16.65	Pass

Note: 1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB) = Cable loss (dB) + L.I.S.N. factor (dB).

## 5 Radiated Emissions Measurement

#### **5.1. Limit**

According to §15.225,

- (a) The field strength of any emissions within the band 13.553 13.567 MHz shall not exceed 15,848 microvolt / meter at 30 meters.
- (b) Within the bands 13.410 13.553 MHz and 13.567 -13.710 MHz, the field strength of any emissions shall not exceed 334 microvolt / meter at 30 meters.
- (c) Within the bands 13.110 13.410 MHz and 13.710 14.010 MHz the field strength of any emissions shall not exceed 106 microvolt / meter at 30 meters.
- (d) The field strength of any emissions appearing outside of the 13.110 14.010 MHz and shall not exceed the general radiated emission limits in §15.209.

According to §15.225(a), except as provided elsewhere in this Subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency	Field Strength	Measurement Distance
(MHz)	(μV/m at meter)	(meter)
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

<sup>\*\*</sup> Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g., Sections 15.231 and 15.241.



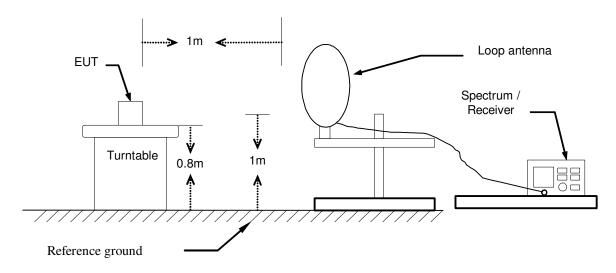
### 5.2. Test Instruments

3 Meter Chamber									
Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Remark				
RF Pre-selector	Agilent	N9039A	MY46520256	01/10/2014	(1)				
Spectrum Analyzer	Agilent	E4446A	MY46180578	01/10/2014	(1)				
Pre Amplifier	Agilent	8449B	3008A02237	02/21/2014	(1)				
Pre Amplifier	Agilent	8447D	2944A10961	02/21/2014	(1)				
Broadband Antenna (30MHz~1GHz)	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	9163-270	07/01/2013	(1)				
Horn Antenna (1~18GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	06/10/2013	(1)				
Horn Antenna (18~40GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9170	9170-320	06/13/2013	(1)				
Loop Antenna	COM-POWER CORPORATION	AL-130	121014	01/28/2014	(1)				
Test Site	ATL	TE01	888001	08/28/2013	(1)				

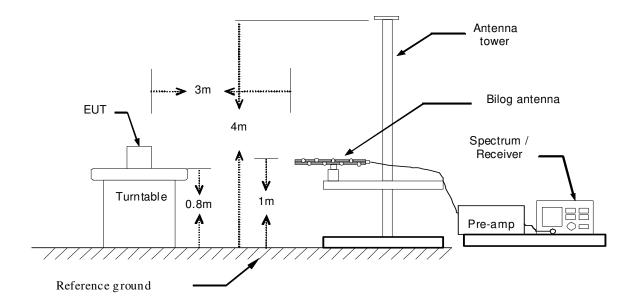
Remark: <sup>(1)</sup> Calibration period 1 year. <sup>(2)</sup> Calibration period 2 years. <sup>(3)</sup> Calibration period 3 years. NOTE: N.C.R. = No Calibration Request.

## 5.3. Setup

#### 9kHz ~ 30MHz



#### 30MHz ~ 1 GHz



#### 5.4. Test Procedure

Final radiation measurements were made on a three-meter, Semi Anechoic Chamber. The EUT system was placed on a nonconductive turntable which is 0.8 meters height, top surface 1.0 x 1.5 meter. The spectrum was examined from 250 MHz to 2.5 GHz in order to cover the whole spectrum below 10th harmonic which could generate from the EUT. During the test, EUT was set to transmit continuously & Measurements spectrum range from 30 MHz to 26.5 GHz is investigated.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, and then the video bandwidth is set to 1 MHz for peak measurements and 10 Hz for average measurements.

A nonconductive material surrounded the EUT to supporting the EUT for standing on tree orthogonal planes. At each condition, the EUT was rotated 360 degrees, and the antenna was raised and lowered from one to four meters to find the maximum emission levels. Measurements were taken using both horizontal and vertical antenna polarization.

SCHWARZBECK MESS-ELEKTRONIK Biconilog Antenna (mode VULB9163) at 3 Meter and the SCHWARZBECK Double Ridged Guide Antenna (model BBHA9120D&9170) was used in frequencies 1 – 26.5 GHz at a distance of 1 meter. All test results were extrapolated to equivalent signal at 3 meters utilizing an inverse linear distance extrapolation Factor (20dB/decade).

For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

Appropriate preamplifiers were used for improving sensitivity and precautions were taken to avoid overloading or desensitizing the spectrum analyzer. No post – detector video filters were used in the test.

The spectrum analyzer's 6 dB bandwidth was set to 1 MHz, and the analyzer was operated in the peak detection mode, for frequencies both below and up 1 GHz. The average levels were obtained by subtracting the duty cycle correction factor from the peak readings.

The following procedures were used to convert the emission levels measured in decibels referenced to 1 microvolt (dBuV) into field intensity in microvolt pre-meter (uV/m).

The actual field intensity in decibels referenced to 1 microvolt in to field intensity in microvolt per-meter (dBuV/m).

The actual field is intensity in referenced to 1 microvolt per meter (dBuV/m) is determined by algebraically adding the measured reading in dBuV, the antenna factor (dB), and cable loss (dB) and Subtracting the gain of preamplifier (dB) is auto calculate in spectrum analyzer.

- (1) Amplitude (dBuV/m) = FI (dBuV) +AF (dBuV) +CL (dBuV)-Gain (dB)
  - FI= Reading of the field intensity.
  - AF= Antenna factor.
  - CL= Cable loss.
  - P.S Amplitude is auto calculate in spectrum analyzer.
- (2) Actual Amplitude (dBuV/m) = Amplitude (dBuV)-Dis(dB)
  - The FCC specified emission limits were calculated according the EUT operating frequency and by following linear interpolation equations:
  - (a) For fundamental frequency: Transmitter Output < +30dBm
  - (b) For spurious frequency: Spurious emission limits = fundamental emission limit /10

Data of measurement within this frequency range without mark 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.

#### 5.5. Test Result

#### **Fundamental Test Result:**

Standard: FCC Part 15C Test Distance: 30m

Test item: Radiated Emission Power: AC 120V/60Hz

Model Number: VT6081 Temp.(°ℂ)/Hum.(%RH): 26(°ℂ)/60%RH

Mode: Mode 2 Date: 05/29/2014

Test By: Eric Ou Yang

Frequency	Reading	Correct	Result	Limit	Margin	Remark	Ant.Polar.
(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)		H/V
13.5600	-6.99	14.18	7.19	84.00	-76.81	peak	Н
13.5601	-3.74	14.18	10.44	84.00	-73.56	peak	V

Note: The level is measured at 1 meter and is converted into result at 30 meter.

The converted formula listed below:

Measure result (1 meter distance): a

Compute result (30 meter distance): A

A = a + (40\*log(1/30))

ex. a = 52.09 dBuV, A = 52.09 + (40\*log(1/30)) = -6.99 dBuV

#### 9kHz ~ 30MHz:

Standard: FCC Part 15C Test Distance: 300m/30m

Test item: Radiated Emission Power: AC 120V/60Hz

Model Number: VT6081 Temp.( $^{\circ}$ C)/Hum.( $^{\circ}$ RH): 26( $^{\circ}$ C)/60 $^{\circ}$ RH

Mode: Date: 05/29/2014

Test By: Eric Ou Yang

Frequency	Reading	Correct	Result	Limit	Margin	Remark	Ant.Polar.
(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)		H/V
0.1290	-44.83	14.03	-30.80	25.88	-56.68	QP	Н
2.1684	-45.38	15.20	-30.18	29.55	-59.73	QP	Н
5.9172	-46.68	15.85	-30.83	29.55	-60.38	QP	Н
13.4100	-18.62	13.86	-4.76	40.51	-45.27	QP	Н
13.5530	-14.01	14.12	0.11	50.48	-50.37	QP	Н
16.8640	-44.83	14.04	-30.79	29.55	-60.34	QP	Н
20.2530	-45.38	14.26	-31.12	29.55	-60.67	QP	Н
22.2023	-48.38	13.67	-34.71	29.55	-64.26	QP	Н
0.1290	-45.33	14.03	-31.30	25.88	-57.18	QP	V
2.2282	-46.89	15.26	-31.63	29.55	-61.18	QP	V
5.1675	-45.74	16.01	-29.73	29.55	-59.28	QP	V
9.9660	-51.46	14.98	-36.48	29.55	-66.03	QP	٧
13.4100	-16.93	13.90	-3.03	40.51	-43.54	QP	V
13.5530	-11.77	14.10	2.33	50.48	-48.15	QP	V
17.5837	-46.55	14.12	-32.43	29.55	-61.98	QP	Н
23.1321	-47.08	13.39	-33.69	29.55	-63.24	QP	Н

Note: The level is measured at 1 meter and is converted into result at 300 or 30 meter.

The converted formula listed below:

Measure result (1 meter distance): a

Compute result (30 or 300 meter distance): A

A = a + (40\*log(1/300 or 1/30))

ex. a (0.0090 MHz) = 54.25 dBuV, A=  $54.25 + (40 \cdot \log(1/300)) = -44.83 \text{ dBuV}$ 

#### 30MHz ~ 1GHz:

Standard: FCC Part 15C Test Distance: 3m

Test item: Radiated Emission Power: AC 120V/60Hz

 $\label{eq:model_number:} \mbox{Model Number:} \mbox{ $${\rm Temp.(^{\!}{\it C})/Hum.(\%RH):}$} \mbox{ $$26(^{\!}{\it C})/60\%RH$}$ 

Mode: Mode 2 Date: 05/29/2014

Test By: Eric Ou Yang

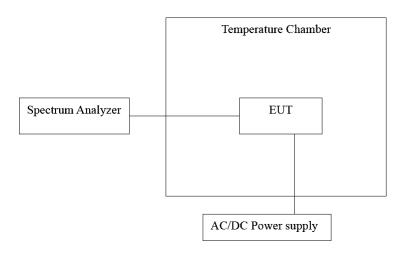
		leat by.		ang			
Frequency	Reading	Correct	Result	Limit	Margin	Remark	Ant.Polar.
(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)		H/V
201.0000	50.83	-14.35	36.48	43.50	-7.02	QP	Н
252.0000	47.78	-12.08	35.70	46.00	-10.30	QP	Н
288.0000	46.26	-10.59	35.67	46.00	-10.33	QP	Н
414.0000	41.58	-7.91	33.67	46.00	-12.33	QP	Н
483.0000	40.44	-6.57	33.87	46.00	-12.13	QP	Н
621.0000	36.54	-3.70	32.84	46.00	-13.16	QP	Н
144.0000	46.62	-12.01	34.61	43.50	-8.89	QP	V
195.0000	50.55	-14.25	36.30	43.50	-7.20	QP	V
414.0000	43.06	-7.91	35.15	46.00	-10.85	QP	V
483.0000	45.36	-6.57	38.79	46.00	-7.21	QP	V
621.0000	31.97	-3.70	28.27	46.00	-17.73	QP	V
828.0000	29.52	0.24	29.76	46.00	-16.24	QP	V

## **6 Frequency Stability Measurement**

#### 6.1. Limit

According to §15.207(e), the frequency tolerance of the carrier signal shall be maintained within +/-0.01% of the operating frequency over a temperature variation of -20 degrees to +50 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C. For battery operated equipment, the equipment tests shall be performed using a new battery.

## 6.2. Test Setup



#### 6.3. Test Instruments

Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Remark
Spectrum Analyzer	Agilent	E4408B	MY45107753	07/11/2013	(1)
Temperature & Humidity Chamber	TAICHY	MHU-225LA	980729	08/07/2013	(1)
Test Site	ATL	TE02	TE02	N.C.R.	

Remark: (1) Calibration period 1 year. (2) Calibration period 2 years.

NOTE: N.C.R. = No Calibration Request.

#### 6.4. Test Procedure

- 1. Place the EUT on the table and set it in the transmitting mode.
- 2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
- 3. Set the environment into appropriate environment.
- 4. Set the spectrum analyzer as RBW=1kHz, VBW = RBW, Span = 200kHz, Sweep = auto.
- 5. Mark the peak frequency and measure the frequency tolerance using frequency counter function.
- 6. Repeat until all the results are investigated.

#### 6.5. Test Result

**Temperature Variations** 

Temperature variations										
Model Number	VT6081	VT6081								
Mode	Mode 2	Mode 2								
Date of Test	05/29/201	4		Test Site	TE02					
Temp. (°C)	Voltage (VAC)	Measured Frequency (MHz)	Delta Frequency (Hz)	Tolerance (%)	Limit (±%)	Result (Pass/Fail)				
-20		13.5601	100.0000	0.0007	±0.01	Pass				
-10		13.5603	300.0000	0.0022	±0.01	Pass				
0		13.5605	500.0000	0.0037	±0.01	Pass				
10	120	13.5604	400.0000	0.0029	±0.01	Pass				
20	120	13.5603	300.0000	0.0022	±0.01	Pass				
30		13.5602	200.0000	0.0015	±0.01	Pass				
40		13.5605	500.0000	0.0037	±0.01	Pass				
50		13.5604	400.0000	0.0029	±0.01	Pass				

**Voltage Variations** 

Model Number	VT6081	VT6081							
Mode	Mode 2	Mode 2							
Date of Test	05/29/201	4		Test Site	TE02				
Temp. (°C)	Voltage (VAC)	Measured Frequency (MHz)	Delta Frequency (Hz)	Tolerance (%)	Limit (±%)	Result (Pass/Fail)			
	102	13.5605	500.0000	0.0037	±0.01	Pass			
20	120	13.5602	200.0000	0.0015	±0.01	Pass			
	138	13.5603	300.0000	0.0022	±0.01	Pass			