

CENTRE OF TESTING SERVICE INTERNATIONAL

OPERATE ACCORDING TO ISO/IEC 17025

FCC ID TEST REPORT

TEST REPORT NUMBER : CGZ3100929-03521-O



CENTRE OF TESTING SERVICE CO., LTD. Building F, Dachuang industrial park, No.379, Zhongshan Dadao, Guangzhou, China.





	TEST REPORT For FCC ID
	47 CFR PART 15 OCT, 2009
Report Reference No	. CGZ3100929-03521-O
Date of issue	. 10 October 2010
Testing Laboratory Name	. CETRE OF TESTING SERVICE CO., LTD
Address	 Building F, Dachuang industrial park, No.379, Zhongshan Dadao, Guangzhou, China.
Testing location/ procedure	. Full application of Harmonised standards ■
	Partial application of Harmonised standards \Box
	Other standard testing method \square
Applicant's name	. QOMO HiteVision, LLC.
Address	. 46950 Magellan Drive, Lot4 Wixom, MI 48393, USA
Test specification	
Standard	- 47 CFR PART 15 OCT, 2009
Test Report Form No	. CTSEMC-1.0
TRF Originator	. CENTRE OF TESTING SERVICE CO., LTD
Master TRF	. Dated 2009-01
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Test item description	QClick
Trade Mark	QOMO
Manufacturer	QOMO HiteVision, LLC.
Model/Type reference	QRF700
Ratings	3V, 2.4*10∧9HZ, 0.001W(A)
Operating Frequency	. 2402.00~2482.00 MHz ISM Band
Result	. Positive

Compiled by:

Quty Liu / File administrators

Supervised by:

m

JacksonZhang / Technique principal

Approved by:

Kevin Liang / Manager

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FCCID--TEST REPORT

Test Report No. :

CGZ3100929-03521-O

10 October 2010 Date of issue

Type / Model	QRF700
EUT	QClick
Applicant	QOMO HiteVision, LLC.
Address	46950 Magellan Drive, Lot4 Wixom, MI 48393, USA
Telephone	+1-866-990-7666
Fax	+1-248-281-1999
Contact	Weihua Li
Manufacturer	QOMO HiteVision, LLC.
Address	46950 Magellan Drive, Lot4 Wixom, MI 48393, USA
Telephone	+1-866-990-7666
Fax	+1-248-281-1999
Contact	Weihua Li
Test report holder	QOMO HiteVision, LLC.
Address	46950 Magellan Drive, Lot4 Wixom, MI 48393, USA
Telephone	+1-866-990-7666
Fax	+1-248-281-1999
Contact	Weihua Li

Test Result according to the standards on page 3: **Positive**

The test report merely corresponds to the test sample. It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

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FCC ID: XQGQRF700-RES

CENTRE OF TESTING SERVICE





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1 TEST STANDARDS

The tests were performed according to following standards:

■ 47 CFR PART 15 OCT, 2009

ANSI C63.4-2009

2 SUMMARY

2.1 GENERAL REMARKS

Date of receipt of test sample	29 September 2010
Testing commenced on	29 September 2010
Testing concluded on	10 October 2010

2.2 FINAL ASSESSMENT

The FCC requirements pertaining to the technical standards and tested operation modes are

fulfilled.

□ - **not** fulfilled.

The equipment under test

- - fulfils the FCC requirements cited on page 3.
- **does not** fulfil the FCC requirements cited on page 3.

3 EQUIPMENT UNDER TEST

3.1 Power supply system utilised

Power supply voltage :

DC 3V

3.2 Short description of the Equipment under Test (EUT)

Number of tested samples: **1** Serial number: Prototype

3.3 EUT operation mode

The equipment under test was operated during the measurement under the following conditions:

- Standby
- Test program (customer specific)

Operation mode 1: Channel 0 (2402.00MHz), Channel 20(2442.00MHz), Channel 40 (2482.00MHz) Note: X Position of EUT is the worst case, so, only these test results be recorded in the test report.

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3.4 EUT configuration

3.4.1. Description of configuration (EUT)

3.4.1.1. EUT Information

Description :	QClick
Model Number :	QRF700
Operation frequency :	2402.00~2482.00 MHz ISM Band
Radio Technology :	MSK
Modulation Technology :	MSK modulation
Antenna :	Met requirement of FCC 15.203
Antenna Assembly Gain :	0dBi (maximum)

Differences among these models

Product Name	Model Number	Enclose	Color	PCB Layout	Structure	Figure	Button	Component
QClick	QRF700	same as the sample	same as the sample	same as the sample	same as the sample	same as the sample	same as the sample	same as the sample
QClick	QRF7XX	same as the sample	same as the sample	same as the sample	same as the sample	same as the sample	same as the sample	same as the sample
QClick	QRF700-S	same as the sample	same as the sample	same as the sample	same as the sample	same as the sample	same as the sample	same as the sample

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3.4.2. Tested Supporting System Details

3.4.1. Monitor

M/N	:	E7722-f
S/N		CN-02W486-64180-3B7-01MP
Manufacturer	:	DELL
D-Sub Cable	:	Shielded, Detachabled, 1.8m Add two cores
Power Cord	:	Unshielded, Detachabled, 1.8m, 3Pin
FCC ID	:	By DoC

3.4.2.Personal Computer

M/N	:	DIMENSION 4600
S/N	:	CN-OTO486-42940-37M-00XB
Manufacturer	:	DELL
Power Cord	:	Unshielded, Detachabled, 1.8m, 3Pin
FCC ID	:	By DoC

3.4.3. Keyboard

M/N	:	SK-8110
S/N	:	CN-07N244-71616-37T-B293
Manufacturer	:	DELL
Data Cable	:	Shielded, Detachabled
FCC ID	:	By DoC

3.4.4. Mouse

M/N	:	M-UR69
S/N	:	LNA33029188
Manufacturer	:	DELL
Data Cable	:	Shielded, Detachabled, 1.8m
FCC ID	:	By DoC

3.4.5. Printer

M/N	:	IP1600
S/N	:	CGKGB50919
Manufacturer	:	Canon
Data Cable	:	Shielded, Detachabled, 1.8m. 2Pin
FCC ID	:	By DoC

3.4.6. Modem

M/N	:	MT800
S/N	:	421033
Manufacturer	:	HUAWEI
Data Cable	:	Shielded, Detachabled, 1.8m, 2Pin
FCC ID	:	By DoC

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4 TEST ENVIRONMENT

4.1 Address of the test laboratory

Building F, Dachuang industrial park, No.379, Zhongshan Dadao, Guangzhou, China

Tel: +86-20-85543113 (32 lines) Fax: +86-20-38780406

4.2 Test facility

The test facility is recognized, certified, or accredited by the following organizations:

CNAS-Lab Code: L3394

CENTRE OF TESTING SERVICE CO., LTD has been assessed and proved to be in compliance with CNAS-CL01: 2006 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC 17025: 2005 General Requirements) for the Competence of Testing and Calibration Laboratories.

IC-Registration No.: 8374

The 3m Alternate Test Site of CENTRE OF TESTING SERVICE CO., LTD has been registered by Certification and Engineering Bureau of Industry Canada for the performance of radiated measurements with Registration No. 8374 on June 24, 2009.

FCC-Registration No.: 971995

CENTRE OF TESTING SERVICE CO., LTD, EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files. Registration No.791995, July 21, 2009.

4.3 Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature:	15~35 °C
Humidity:	25~75 %
Atmospheric pressure:	86~106 kPa

4.4 Definitions of symbols used in this test report

- - The black square indicates that the listed condition, standard or equipment is applicable for this report.
- The empty square indicates that the listed condition, standard or equipment is **not** applicable for this report.

4.5 Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to CISPR 16 - 4 "Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements" and is documented in the CTS quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

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4.6 Measurement Uncertainty

Test Item	Frequency Range	Uncertainty	Note
Conduction disturbance	150kHz~30MHz	±1.22dB	(1)
Power disturbance	30MHz~300MHz	±1.38dB	(1)
Radiation emission (3m)	30MHz~300MHz	±3.14dB	(1)
	300MHz~1000MHz	±3.18dB	(1)

(1). This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

5 Summary of standards and results

5.1. Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below.

EMISSION			
Description of Test Item	Standard	Results	
Conducted Disturbance Emission Test	FCC Part 15 C: 15.207 ANSI C63.4-2009	N/A	
Radiated Emission Test	FCC Part 15 C: 15.249 ANSI C63.4-2009	PASS	
Band Edge Compliance Test	FCC Part 15 C: 15.249 ANSI C63.4-2009	PASS	
N/A is an abbreviation for Not Applicable.			

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Power line conducted Emission Test 6

(According to Paragraph (f) of FCC Part 15 section 15.207, Tests to demonstrate compliance with the conducted limits are not required for devices which only employ battery power for operation and which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines.)

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7 Radiated disturbance (electric field)

7.1.Test Equipment

Radia	Radiated disturbance (electric field)				
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	EMI Test Receiver	ROHDE & SCHWARZ	ESCI	100868	2009/12
2	Biconical Antenna	ROHDE & SCHWARZ	HK116	100221	2009/12
3	Log per Antenna	ROHDE & SCHWARZ	HL223	100226	2009/12
4	Log per Antenna	ROHDE & SCHWARZ	HL050	100186	2009/12
5	Signal analyzer	ROHDE & SCHWARZ	FSIQ26	100311	2009/12

7.2.Block Diagram of Test Setup

7.2.1 Block Diagram of connection between EUT and simulators

EUT

(EUT: Qclick)

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7.2.2 Anechoic Chamber Setup Diagram



7.3.Radiated Emission Limit Standard: FCC 15.249

FREQUENCY	FREQUENCY DISTANCE FIELD STRENGTHS LIMIT		NGTHS LIMIT
MHz	Meters	μV/m	dB(µV)/m
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
960 ~ 1000	3	500	54.0
Local Oscillator:	3	114.0 dB(μ\ 94.0 dB(μV)/	/)/m (Peak) m (Average)
Above 1000	3	Other:74.0 dB 54.0 dB(μV)/	(μV)/m (Peak) m (Average)

Remark: (1) Emission level $dB\mu V = 20 \log Emission level \mu V/m$

(2) The smaller limit shall apply at the cross point between two frequency bands.(3) Distance is the distance in meters between the measuring instrument, antenna and

the closest point of any part of the device or system.

7.4.EUT Configuration on Test

The following equipment are installed on Radiated Emission Test to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

7.5. Operating Condition of EUT

7.5.1.Setup the EUT and simulator as shown as Section 7.2.

7.5.2.Turn on the power of all equipment.

7.5.3.Let the EUT work in test mode (TX) and measurement it.

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7.6.Test Procedure

The EUT and its simulators are placed on a turn table, which is 0.8 meter high above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarization of the antenna is set on Test. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4-2003 on radiated emission Test.

The frequency range from 30MHz to 1000MHz and above 1GHz. is investigated. Please see the following pages.

All measurements for radiated emissions within the restricted bands were performed using a Quasi-Peak detector with 120kHz RBW below 1GHz and a Peak and Average detector with 1MHz RBW above 1GHz,

All measurements for radiated emissions within the restricted bands were performed using a Quasi-Peak detector with 300kHz VBW below 1GHz and a Peak detector with 1MHz VBW above 1GHz, A average detector with 10Hz VBW above 1GHz

Radiated emission test for 18-26.5GHz is measured with peak detector, the RBW is 1MHz and VBW is 3MHz.The measure result complied average limit. So it also complied peak limit.

Pretest x, y, z position of EUT, final, select the worst case x position test and record the test results in the report.

The test modes (TX Mode) is tested in Anechoic Chamber and all the scanning waveforms are reported on section 7.7

7.7.Radiated Emission Test Results

PASSED

The frequency range from 30MHz to 230MHz, 230MHz to 1000MHz and above 1GHz. is investigated. Please see the following pages.

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Channel:	0 (2402.00MHz)	Result:	- passed
Test point:	Horizontal		□ - not passed
Frequency range:	30-230MHz		—

EUT	QClick
Operating Condition	DC 3V
Test Condition	Ambient Temperature: 25°C Humidity: 56%
Operator	Raymond
MODEL NO.	QRF700





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Channel:	0 (2402.00MHz)	Result:	- passed
Test point:	Horizontal		□ - not passed
Frequency range:	230-1000MHz		•

EUT	QClick
Operating Condition	DC 3V
Test Condition	Ambient Temperature: 25°C Humidity: 56%
Operator	Raymond
MODEL NO.	QRF700



TRACE	FREQUENCY	LEVEL dBµV/m	DELTA LIMIT dB
Quasi Peak	441.96 MHz	33.77	12.22
Quasi Peak	572.64 MHz	30.37	15.62
Quasi Peak	624.36 MHz	31.38	14.61
Quasi Peak	696.96 MHz	32.38	13.61
Quasi Peak	906.52 MHz	36.31	9.68
Quasi Peak	997.68 MHz	36.41	17.58

Note:1. Emission level=Read level + Factor. 2. Factor=Antenna factor + Cable loss.

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Channel:	0 (2402.00MHz)	Result:	- passed
Test point:	Horizontal		□ - not passed
Frequency range:	1G-26.5GHz		

EUT	QClick
Operating Condition	DC 3V
Test Condition	Ambient Temperature: 25°C Humidity: 56%
Operator	Raymond
MODEL NO.	QRF700

Frequency	Result	[dBµV]	Limit [dBµV]		Dlimit[dBµV]	
[MHz]	Average	Peak	Average	Peak	Average	Peak
2402.00	74.1	90.5	94	114	19.9	23.5
3214.20	41.5	52.2	54	74	12.5	21.8
4804.00	47.1	65.6	54	74	6.9	8.4
7204.00	46.7	60.4	54	74	7.3	13.6
9601.00	42.2	53.5	54	74	11.8	20.5
12014.00	42.4	53.2	54	74	11.6	20.8
24283.50	43.5	53.4	54	74	10.5	20.6

Note:1. Emission level=Read level + Factor.

2. Factor=Antenna factor + Cable loss.

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Channel:	0 (2402.00MHz)	Result:	- passed
Test point:	Vertical		□ - not passed
Frequency range:	30-230MHz		

EUT	QClick
Operating Condition	DC 3V
Test Condition	Ambient Temperature: 25°C Humidity: 56%
Operator	Raymond
MODEL NO.	QRF700





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Channel:	0 (2402.00MHz)	Result:	- passed
Test point:	Vertical		□ - not passed
Frequency range:	230-1000MHz		

EUT	QClick
Operating Condition	DC 3V
Test Condition	Ambient Temperature: 25°C Humidity: 56%
Operator	Raymond
MODEL NO.	QRF700



TRACE	FREQUENCY	LEVEL dBµV/m	DELTA LIMIT dB
Quasi Peak	888.96 MHz	35.89	10.10
Quasi Peak	894.44 MHz	36.21	9.78
Quasi Peak	906.92 MHz	36.30	9.70
Quasi Peak	970.28 MHz	35.66	18.33
Quasi Peak	984.88 MHz	36.06	17.93
Quasi Peak	991.8 MHz	36.27	17.72

Note:1. Emission level=Read level + Factor.

2. Factor=Antenna factor + Cable loss.

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Channel:	0 (2402.00MHz)	Result:	- passed
Test point:	Vertical		□ - not passed
Frequency range:	1G-26.5GHz		

EUT	QClick
Operating Condition	DC 3V
Test Condition	Ambient Temperature: 25°C Humidity: 56%
Operator	Raymond
MODEL NO.	QRF700

Frequency	Result	[dBµV]	Limit [dBµV]		Dlimit[dBµV]	
[MHz]	Average	Peak	Average	Peak	Average	Peak
2402.00	71.7	89.5	94	114	22.3	24.5
3218.40	41.4	52.4	54	74	12.6	21.6
4804.50	47.1	65.7	54	74	6.9	8.3
7206.60	46.5	60.4	54	74	7.5	13.6
9608.40	42.7	53.2	54	74	11.3	20.8
12010.40	42.4	53.3	54	74	11.6	20.7
24285.10	43.2	53.8	54	74	10.8	20.2

Note:1. Emission level=Read level + Factor.

2. Factor=Antenna factor + Cable loss.

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Fax: +86-20-38780406 E-mail: cts@cts-lab.com.cn





Channel:	20 (2442.00MHz)	Result:	- passed
Test point:	Horizontal		□ - not passed
Frequency range:	30-230MHz		

EUT	QClick
Operating Condition	DC 3V
Test Condition	Ambient Temperature: 25°C Humidity: 56%
Operator	Raymond
MODEL NO.	QRF700



Note:1. Emission level=Read level + Factor. 2. Factor=Antenna factor + Cable loss.

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Channel:	20 (2442.00MHz)	Result:	- passed
Test point:	Horizontal		□ - not passed
Frequency range:	230-1000MHz		

EUT	QClick
Operating Condition	DC 3V
Test Condition	Ambient Temperature: 25°C Humidity: 56%
Operator	Raymond
MODEL NO.	QRF700



Note:1. Emission level=Read level + Factor. 2. Factor=Antenna factor + Cable loss.

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Channel:	20 (2442.00MHz)	Result:	- passed
Test point:	Horizontal		□ - not passed
Frequency range:	1G-26.5GHz		

EUT	QClick
Operating Condition	DC 3V
Test Condition	Ambient Temperature: 25°C Humidity: 56%
Operator	Raymond
MODEL NO.	QRF700

Frequency	Result	[dBµV]	Limit [dBµV]		Dlimi	t[dBµV]
[MHz]	Average	Peak	Average	Peak	Average	Peak
2442.00	72.4	89.4	94	114	21.6	24.6
3515.40	42.6	52.5	54	74	11.4	21.5
4884.00	47.7	63.5	54	74	6.3	10.5
7326.30	46.2	60.1	54	74	7.8	13.9
9768.40	42.5	53.2	54	74	11.5	20.8
12210.40	42.4	53.4	54	74	11.6	20.6
23285.50	43.4	53.7	54	74	10.6	20.3

Note:1. Emission level=Read level + Factor.

2. Factor=Antenna factor + Cable loss.

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Channel:	20 (2442.00MHz)	Result:	- passed
Test point:	Vertical		□ - not passed
Frequency range:	30-230MHz		—

EUT	QClick
Operating Condition	DC 3V
Test Condition	Ambient Temperature: 25°C Humidity: 56%
Operator	Raymond
MODEL NO.	QRF700



Note:1. Emission level=Read level + Factor. 2. Factor=Antenna factor + Cable loss.

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Channel:	20 (2442.00MHz)	Result:	- passed
Test point:	Vertical		□ - not passed
Frequency range:	230-1000MHz		

EUT	QClick
Firm Name	QOMO HiteVision, LLC.
Operating Condition	DC 3V
Test Condition	Ambient Temperature: 25°C Humidity: 56%
Operator	Raymond
MODEL NO.	QRF700





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Channel:	20 (2442.00MHz)	Result:	- passed
Test point:	Vertical		□ - not passed
Frequency range:	1G-26.5GHz		

EUT	QClick
Firm Name	QOMO HiteVision, LLC.
Operating Condition	DC 3V
Test Condition	Ambient Temperature: 25°C Humidity: 56%
Operator	Raymond
MODEL NO.	QRF700

Frequency	Result	[dBµV]	Limit [dBµV]		Dlimi	t[dBµV]
[MHz]	Average	Peak	Average	Peak	Average	Peak
2442.00	72.4	89.5	94	114	21.6	24.5
3516.41	42.5	52.7	54	74	11.5	21.3
4884.00	47.2	64.4	54	74	6.8	9.6
7326.41	46.4	60.1	54	74	7.6	13.9
9768.50	42.7	53.2	54	74	11.3	20.8
12210.70	42.5	53.8	54	74	11.5	20.2
23281.60	43.8	53.6	54	74	10.2	20.4

Note:1. Emission level=Read level + Factor.

2. Factor=Antenna factor + Cable loss.

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Channel:	40 (2482.00MHz)	Result:	- passed
Test point:	Horizontal		□ - not passed
Frequency range:	30-230MHz		

EUT	QClick
Operating Condition	DC 3V
Test Condition	Ambient Temperature: 25°C Humidity: 56%
Operator	Raymond
MODEL NO.	QRF700



Note:1. Emission level=Read level + Factor. 2. Factor=Antenna factor + Cable loss.

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Channel:	40 (2482.00MHz)	Result:	- passed
Test point:	Horizontal		□ - not passed
Frequency range:	230-1000MHz		

EUT	QClick
Operating Condition	DC 3V
Test Condition	Ambient Temperature: 25°C Humidity: 56%
Operator	Roy
MODEL NO.	QRF700



Note:1. Emission level=Read level + Factor.

2. Factor=Antenna factor + Cable loss.

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Channel:	40 (2482.00MHz)	Result:	- passed
Test point:	Horizontal		□ - not passed
Frequency range:	1G-26.5GHz		

EUT	QClick
Operating Condition	DC 3V
Test Condition	Ambient Temperature: 25°C Humidity: 56%
Operator	Raymond
MODEL NO.	QRF700

Frequency	Result	[dBµV]	Limit [dBµV]		Dlimit[dBµV]	
[MHz]	Average	Peak	Average	Peak	Average	Peak
2482.00	72.7	89.5	94	114	21.3	24.5
3364.50	42.5	52.4	54	74	11.5	21.6
4964.00	47.2	65.8	54	74	6.8	8.2
7446.20	46.3	60.7	54	74	7.7	13.3
9928.40	42.7	53.3	54	74	11.3	20.7
12410.70	42.5	53.5	54	74	11.5	20.5
23641.90	43.8	53.2	54	74	10.2	20.8

Note:1. Emission level=Read level + Factor.

2. Factor=Antenna factor + Cable loss.

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Channel:	40 (2482.00MHz)	Result:	- passed
Test point:	Vertical		□ - not passed
Frequency range:	30-230MHz		

EUT	QClick
Operating Condition	DC 3V
Test Condition	Ambient Temperature: 25°C Humidity: 56%
Operator	Raymond
MODEL NO.	QRF700



Note:1. Emission level=Read level + Factor. 2. Factor=Antenna factor + Cable loss.

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Channel:	40 (2482.00MHz)	Result:	- passed
Test point:	Vertical		□ - not passed
Frequency range:	230-1000MHz		

EUT	QClick
Operating Condition	DC 3V
Test Condition	Ambient Temperature: 25°C Humidity: 56%
Operator	Raymond
MODEL NO.	QRF700



Note:1. Emission level=Read level + Factor. 2. Factor=Antenna factor + Cable loss.

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Channel:	40 (2482.00MHz)	Result:	- passed
Test point:	Vertical		□ - not passed
Frequency range:	1G-26.5GHz		

EUT	QClick
Firm Name	QOMO HiteVision, LLC.
Operating Condition	DC 3V
Test Condition	Ambient Temperature: 25°C Humidity: 56%
Operator	Raymond
MODEL NO.	QRF700

Frequency	Result	[dBµV]	Limit [dBµV]		Dlimit[dBµV]	
[MHz]	Average	Peak	Average	Peak	Average	Peak
2482.00	70.4	88.6	94	114	23.6	25.4
3365.40	42.5	52.5	54	74	11.5	21.5
4964.00	47.5	64.5	54	74	6.5	9.5
7444.00	46.4	60.6	54	74	7.6	13.4
9927.00	42.7	53.3	54	74	11.3	20.7
12418.00	42.8	53.2	54	74	11.2	20.8
23642.50	43.2	53.8	54	74	10.8	20.2

Note:1. Emission level=Read level + Factor.

2. Factor=Antenna factor + Cable loss.

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8 Band Edge Compliance Measurement

8.1.Test Equipment

Radiated disturbance (electric field)					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	EMI Test Receiver	ROHDE & SCHWARZ	ESCI	10868	2009/12
2	Log per Antenna	ROHDE & SCHWARZ	HL050	100186	2009/12
3	Signal analyzer	ROHDE & SCHWARZ	FSIQ26	100311	2009/12

8.2.Test Information

EUT:	QClick
M/N:	QRF700
Test Date:	29 September- October 10 2010
Ambient Temperature:	25℃
Relative Humidity:	56%
Test standard:	FCC PART 15C: 15.249
Test mode:	Transmitting
Test Frequency:	Channel 0 (2402.00MHz), Channel 40 (2482.00)MHz)
Test By:	Raymond

8.3.Test Results

PASSED.

The testing data was attached in the next pages.

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Test point: Horizontal	
Test Frequency: 2402.00MHz	

EUT	QClick
Operating Condition	DC 3V
Test Condition	Ambient Temperature: 25°C Humidity: 56%
Operator	Raymond
MODEL NO.	QRF700





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Channel:	0	Result:	- passed
Test point:	Vertical		- not passed
Test Frequency:	2402.00MHz		•

EUT	QClick
Operating Condition	DC 3V
Test Condition	Ambient Temperature: 25°C Humidity: 56%
Operator	Raymond
MODEL NO.	QRF700



Note:1. Emission level=Read level + Factor. 2. Factor=Antenna factor + Cable loss.

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Channel:	40	Result:	- passed
Test point:	Horizontal		- not passed
Test Frequency:	2482.00MHz		-

EUT	QClick
Operating Condition	DC 3V
Test Condition	Ambient Temperature: 25°C Humidity: 56%
Operator	Raymond
MODEL NO.	QRF700





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 cts@cts-lab.com.cn







Channel:	40	Result:	- passed
Test point:	Vertical		- not passed
Test Frequency:	2482.00MHz		·
			1

EUT	QClick
Operating Condition	DC 3V
Test Condition	Ambient Temperature: 25°C Humidity: 56%
Operator	Raymond
MODEL NO.	QRF700



Note:1. Emission level=Read level + Factor. 2. Factor=Antenna factor + Cable loss.

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FCC ID: XQGQRF700-RES

CENTRE OF TESTING SERVICE





9 Deviation to test specifications

[NONE]

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