

Report No.:F16030805

FCC 47 CFR PART 15 SUBPART C **TEST REPORT**

FOR

2.4GHz mouse

Model: VP3820

Trade Name: SMK-Link

Issued to

SMK-Link Electronics Corporation 3601-B Calle Tecate, Camarillo, CA 93012, USA

Issued by

WH Technology Corp.





Open Site		No.120, Ln. 5, Hudong St., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)				
EMC Test Site		4F., No.27-1, Ln. 169, Kangning St., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)				
	Tel.: +886-2-7729-7707 Fax: +886-2- 8648-1311					

Note: This test refers exclusively to the test presented test model and sample. This report shall not be reproduced except in full, without the written approval of WH Technology Corp. This document may be altered or revised by WH Technology Corp. Personnel only, and shall be noted in the revision section of the document.



	2
1. GENERAL INFORMATION	3
1.1 DESCRIPTION OF THE TESTED SAMPLES	4
2. TEST METHODOLOGY	
2.1 GENERAL TEST PROCEDURES	7 7
3. TEST AND MEASUREMENT EQUIPMENT	10
3.1 CALIBRATION	
4. SECTION 15.249 REQUIREMENTS (FUNDAMENTAL/ HARMONIC	S) 11
4.1 TEST SETUP	
4.2 LIMIT	
4.4 TEST DATA:	
5. SECTION 15.205 REQUIREMENTS (BAND EDGE)	17
5.1 TEST SETUP	
5.2 LIMIT	
5.4 TEST DATA:	
6. 20DB BANDWIDTH MEASUREMENT	21
6.1 TEST LIMIT	21
6.2 Test Procedures	
6.3 TEST SETUP LAYOUT	
7. SECTION 15.209 REQUIREMENTS (GENERAL RADIATED EMISS	
7.1 TEST SETUP	
7.2 LIMIT	26
7.3 TEST PROCEDURE	
7.4 RESULT: PASSED	
8. SECTION 15.207 REQUIREMENTS (POWERLINE CONDUCTED B	EMISSIONS) 31
APPENDIX 1 PHOTOS OF TEST CONFIGURATION	
APPENDIX 2 PHOTOS OF EUT	



Report No.:F16030805

GENERAL INFORMATION 1.

: SMK-Link Electronics Corporation **Applicant**

Address : 3601-B Calle Tecate, Camarillo, CA 93012, USA

Manufacturer : Precision Squared Technology Corp.

Address : 5F-7, No.2, JIAN BA ROAD, Zhonghe Dist., New Taipei City 235,

Taiwan

EUT 2.4GHz mouse

Model Name **VP3820**

Model N/A

Differences

Is here with confirmed to comply with the requirements set out in the FCC Rules and Regulations Part 15 Subpart C and the measurement procedures were according to ANSI C63.4-2009. The said equipment in the configuration described in this report shows the maximum emission levels emanating from equipment are within the compliance requirements.

FCC part 15 subpart C

Tested by: Reviewed by:

> Mike Lee / Manager Bell Wei/ Engineer

Receipt Date: 03/08/2016 Final Test Date: 04/25/2016

(Place) (Date) (Signature) Designation Number: TW1083



Report No.:F16030805

1.1 DESCRIPTION OF THE TESTED SAMPLES

EUT Name : 2.4GHz mouse

Model Number :: VP3820

IE3VP382016 **FCCID Number**

Receipt Date : 03/08/2016

: 3 Vdc (From Battery) Input Voltage

Power From ☑Inside □Outside

□Adaptor ☑BATTERY □AC Power Source

□DC Power Source □Support Unit PC

: Refer to the channel list as described below Operate Frequency

Modulation Technique : GFSK

Number of Channels : 16

: □N/A ☑ <u>1 M</u>Hz Channel spacing

Operating Mode : □Simplex ☑Half Duplex

Antenna Type : Mintegral antenna: PCB Printing

□a dedicated antenna

0 dBi Antenna gain



Channel	Freq.(MHz)
1	2424
2	2425
3	2429
4	2433
5	2437
6	2441
7	2445
8	2449
9	2450
10	2454
11	2458
12	2462
13	2466
14	2476
15	2477
16	2479



Report No.:F16030805

2. TEST METHODOLOGY

All testing as described bellowed were performed in accordance with ANSI C63.4:2009 and FCC CFR 47 Part 15 Subpart C.

2.1 GENERAL TEST PROCEDURES

Conducted Emissions

The EUT is placed on a wood table, which is at 0.8 m above ground plane acceding to clause 15.207 and requirements of ANSI C63.4:2009. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz are using CISPR Quasi-Peak / Average detectors.

Radiated Emissions

The EUT is a placed on a turn table, which is 0.8 m above ground plane. The turntable was rotated through 360 degrees to determine the position of maximum emission level. The EUT is placed at 3m away from the receiving antenna, which varied from 1m to 4m to find out the highest emission. Each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.



Report No.:F16030805

2.2 FCC PART 15.205 RESTRICTED BANDS OF OPERATIONS

(a) Except as shown in paragraph (d) of this section, only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.090 - 0.110 10.495 - 0.505 2.1735 - 2.1905 4.125 - 4.128 4.17725 - 4.17775 4.20725 - 4.20775 6.215 - 6.218 6.26775 - 6.26825 6.31175 - 6.31225 8.291 - 8.294 8.362 - 8.366 8.37625 - 8.38675 8.41425 - 8.41475 12.29 - 12.293 12.51975 - 12.52025 13.36 - 13.41	16.42 - 16.423 16.69475 - 16.69525 16.80425 - 16.80475 25.5 - 25.67 37.5 - 38.25 73 - 74.6 74.8 - 75.2 108 - 121.94 123 - 138 149.9 - 150.05 156.52475 - 156.52525 156.7 - 156.9 162.0125 - 167.17 167.72 - 173.2 240 - 285 322 - 335.4	399.9 - 410 608 - 614 960 - 1240 1300 - 1427 1435 - 1626.5 1645.5 - 1646.5 1660 - 1710 1718.8 - 1722.2 2200 - 2300 2310 - 2390 2483.5 - 2500 2655 - 2900 3260 - 3267 3332 - 3339 3345.8 - 3358 3600 - 4400	4.5 - 5.15 5.35 - 5.46 7.25 - 7.75 8.025 - 8.5 9.0 - 9.2 9.3 - 9.5 10.6 - 12.7 13.25 - 13.4 14.47 - 14.5 15.35 - 16.2 17.7 - 21.4 22.01 - 23.12 23.6 - 24.0 31.2 - 31.8 36.43 - 36.5 (1)

¹ Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

2.3 DESCRIPTION OF TEST MODES

The EUT was tested under following modes:

Modes:

1. Continuous transmitting

Channels:

- 1. 2.424 GHz (Lowest Channel)
- 2. 2.450 GHz (Middle Channel)
- 3. 2.479 GHz (Highest Channel)

² Above 38.6

⁽b) Except as provided in paragraphs (d) and (e), the field strength of emissions appearing within these frequency bands shall not exceed the limits shown in Section 15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in Section 15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in Section 15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in Section 15.35 apply to these measurements.

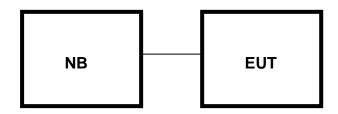


Report No.:F16030805

2.4 DESCRIPTION OF THE SUPPORT EQUIPMENTS

Setup Diagram

See test photographs attached in appendix 1 for the actual connections between EUT and support equipment.





Report No.:F16030805

Support Equipment

Peripherals Devices:

OUTSIDE SUPPORT EQUIPMENT								
No.	Equipment	Model	Serial	FCC ID/	Trade	Data Cable	Power	
No. Equipment	Model	No.	BSMI ID	name	Data Cable	Cord		
1.	Notebook	B470	WB0604 823	R33B65	lenovo	N/A	N/A	

Note: All the above equipment /cable were placed in worse case position to maximize

emission signals during emission test

Grounding: Grounding was in accordance with the manufacturer's requirement and conditions for the intended use.



Report No.:F16030805

3. TEST AND MEASUREMENT EQUIPMENT

CALIBRATION 3.1

The measuring equipment utilized to perform the tests documented in the report has been calibrated once a year or in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

EQUIPMENT 3.2

The following list contains measurement equipment used for testing. The equipment conforms to the requirement of CISPR 16-1, ANSI C63.2 and. Other required standards.

Calibration of all test and measurement, including any accessories that may effect such calibration, is checked frequently to ensure the accuracy. Adjustments are made and correction factors are applied in accordance with the instructions contained in the respective.

Table 1 List of Test and Measurement Equipment

Test Site	Instrument	Manufacturer	Model No.	S/N	Next Cal. Date
	EMI Receiver	R&S	ESHS10	830223/008	105/05/20
Conduction	LISN	Rolf Heine Hochfrequenztechnik	NNB-2/16z	98062	105/05/20
	RF Cable	N/A	N/A	EMI-3	105/10/20
	Bilog antenna(30M-1G)	Schwarzbeck	VULB9161	4019	105/10/26
	Double Ridged Guide Horn antenna(1G-18G)	ETC	MCTD 1209	DRH15N0 2009	105/11/18
	Pre amplifier (30M-1G)	Anritsv	MH648A	M15180	105/10/20
	Microwave Preamplifier (1G-18G)	EMC INSTRUMENT	EMC051845	980108&AT -18001	105/10/22
Radiation	EMI Test Receiver	R&S	ESVS30 (20M-1000MHz)	863342/012	105/10/22
	RF Cable (open site)	EMCI	N male on end of both sides (EMI4)	30m	105/10/21
	RF CABLE (1~26.5G) (output)	HARBOUT INDUSTRIES	LL142MI(4M+4M)	NA	106/03/08
	RF CABLE (1~26.5G) (input)	HARBOUR INDUSTRIES	LL142MI(7M)	NA	105/08/20
	Spectrum (9K7GHz)	R&S	FSP7	830180/006	105/02/25
	Spectrum (9K40GHz)	AGILENT	8564EC	4046A0032	106/01/03

• CALIBRATION INTERVAL OF INSTRUMENTS LISTED ABOVE IS ONE YEAR



SECTION 15.249 REQUIREMENTS (FUNDAMENTAL/ HARMONICS)

TEST SETUP 4.1

Refer to paragraph 6.1.

4.2 LIMIT

Fundamental Frequency (MHz)	Field Strength of Fundamental (dBµV/m at 3-meter)	Detector	
902 - 928	444	Dook	
2400 – 2483 5725 - 5875	114	Peak	
902 - 928			
2400 – 2483	94	AV	
5725 - 5875			

Fundamental Frequency (MHz)	Field Strength of Harmonics (dBµV/m at 3-meter)	Detector	
902 - 928			
2400 – 2483	74	Peak	
5725 - 5875			
902 - 928			
2400 – 2483	54	AV	
5725 - 5875			

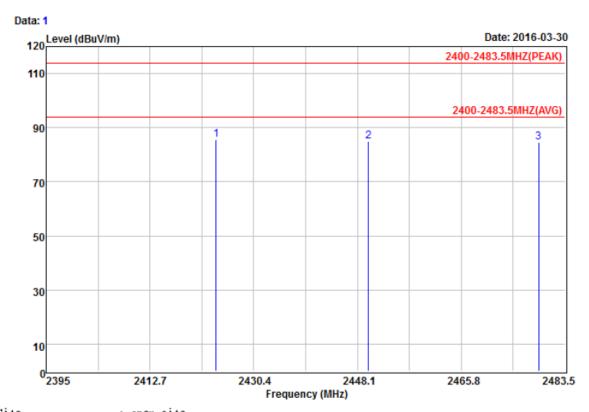
RESULT: PASSED 4.3

4.4 TEST DATA:



Fundamental

Horizontal



Site Condition open site 2400-2483.5MHZ(PEAK) 3m MCTD-1209(1-18G)-105 HORIZONTAL EUT Power TX-CH 2424 - MI 2450 - HI 2479MHz 23 Mode Temperature Humidity 60

Mode Fundamental

Remarks:

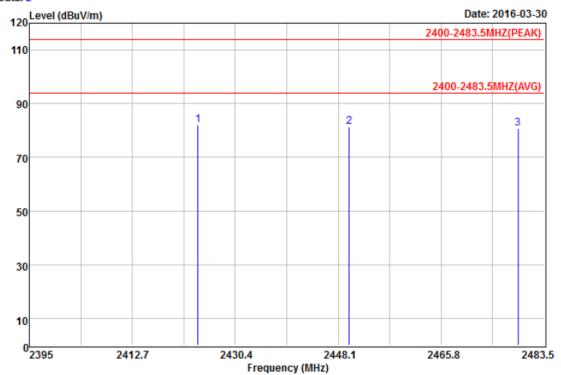
: 1.Result=Read Value+Factor : 2.Factor=Antenna Factor+Cable loss-: Amplifier Factor

	Freq	Read Level	Factor	Leve1		Limit Line	Remark
	MHz	dBuV	$\overline{dB/m}$	$\overline{dBuV/m}$	\overline{dB}	$\overline{dBuV/m}$	
1 2 3	2424.00 2450.00 2479.00	99.23	-14.21	85.02	-28.98	114.00	Peak



Vertical





2448.1 24
Frequency (MHz)

: open site
: 2400-2483.5MHZ(PEAK) 3m MCTD-1209(1-18G)-105 VERTICAL
: VP3820
: DC 3V
: TX-CH 2424 - MI 2450 - HI 2479MHz
: 23
: 60
: Fundamental Site Condition EUT Power Mode Temperature Humidity

Mode Fundamental

1 2 3

1.Result=Read Value+Factor

Remarks:

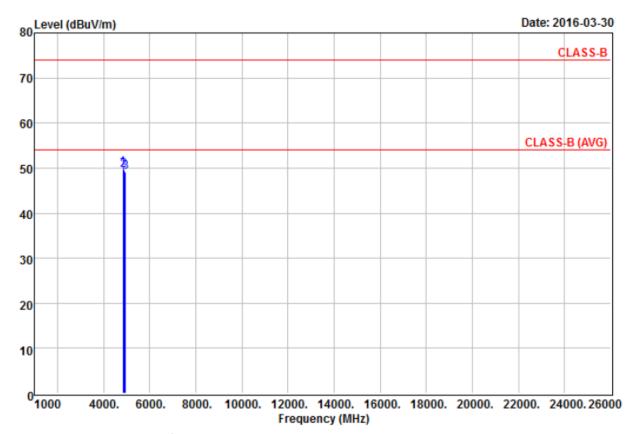
: 2.Factor=Antenna Factor+Cable loss-: Amplifier Factor

	Freq	Read Level	Factor	Leve1		Limit Line	Remark
	MHz	dBuV	dB/m	$\overline{dBuV/m}$	d B	$\overline{dBuV/m}$	
2	2424.00 2450.00 2479.00	95.56	-14.21	81.35	-32.65	114.00	Peak



Harmonics

Horizontal



Site : open site

: CLASS-B 3m MCTD-1209(1-18G)-105 HORIZONTAL : VP3820 : DC 3V Condition

EUT

Power

: TX-CH 2424 - MI 2450 - HI 2479MHz : 23 : 60 Mode

Temperature

Humidity

Mode : Harmonics

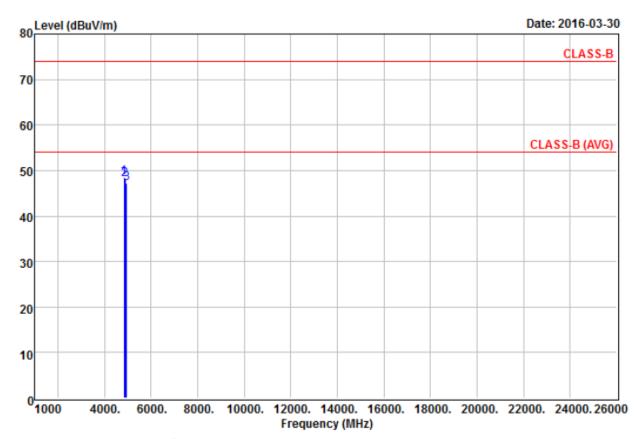
Remarks: : 1.Result=Read Value+Factor

: 2.Factor=Antenna Factor+Cable loss-: Amplifier Factor

		Read Level	Factor	Level		Limit Line	Remark
	MHz	dBuV	—dB/m	$\overline{d}\overline{B}\overline{u}\overline{V}\overline{/}\overline{m}$	d B	$\overline{d}\overline{B}\overline{u}\overline{V}\overline{/}\overline{m}$	
1 2 3	4848.00 4900.00 4958.00	55.78	-6.20	49.58	-24.42	74.00	Peak



Vertical



Site

: open site : CLASS-B 3m MCTD-1209(1-18G)-105 VERTICAL : VP3820 Condition

EUT Power

: TX-CH 2424 - MI 2450 - HI 2479MHz : 23 Mode

Temperature Humidity : 60

Mode : Harmonics

Remarks:

: 1.Result=Read Value+Factor : 2.Factor=Antenna Factor+Cable loss-

: Amplifier Factor

	Freq		Factor			Limit Line	Remark
-	MHz	dBu∇	dB/m	$\overline{dBuV/m}$	d B	$\overline{dBuV/m}$	
1 2 3	4848.00 4900.00 4958.00	54.18	-6.20	47.98	-26.02	74.00	Peak



Report No.:F16030805

Note:

- 1. Emission level = Reading level + Correction factor
- 2. Correction factor: Antenna factor, Cable loss, Pre-Amp, etc.
- 3. All emissions as described above were determining by rotating the EUT through three orthogonal axes to maximizing the emissions if the EUT belongs to hand-held or body-worn devices.
- 4. Measurements above 1000 MHz, Peak detector setting: use a 1 MHz RBW, a 3 MHz VBW.
- 5. Measurements above 1000 MHz, Average detector setting: 1 MHz RBW with 10 Hz
- 6. Peak detector measurement data will represent the worst case results.
- 7. "---" denotes the data which is not available.



Report No.:F16030805

SECTION 15.205 REQUIREMENTS (BAND EDGE)

5.1 **TEST SETUP**

Refer to paragraph 6.1.

5.2 LIMIT

Restricted Bands:

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)
13.36 - 13.41			

Operation within the bands:

902 - 928 MHz, 2400 - 2483.5 MHz, 5725 - 5875 MHz, and 24.0 - 24.25 GHz.

Frequency (Hz)	Field Strength (μV/m at 3-meter)	Field Strength (dBµV/m at 3-meter)	
1.705-30	30 (at 30-meter)	49.5	
30-88	100	40	
88-216	150	43	
216-960	200	46	
Above 960	500	54	

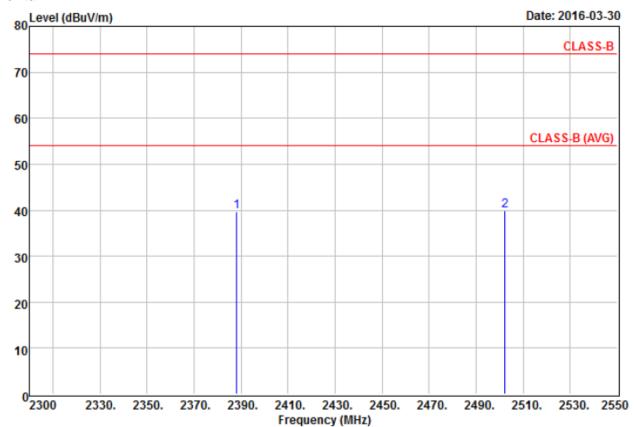


Report No.:F16030805

5.3 **RESULT: PASSED**

TEST DATA:

Horizontal



Site : open site

CLASS-B 3m MCTD-1209(1-18G)-105 HORIZONTAL Condition

EUT Power

: VP3820 : DC 3V : CH LO & HI - Restricted Bands Mode

: 23 Temperature : 60 Humidity Mode

Remarks:

: 1.Result=Read Value+Factor : 2.Factor=Antenna Factor+Cable loss-

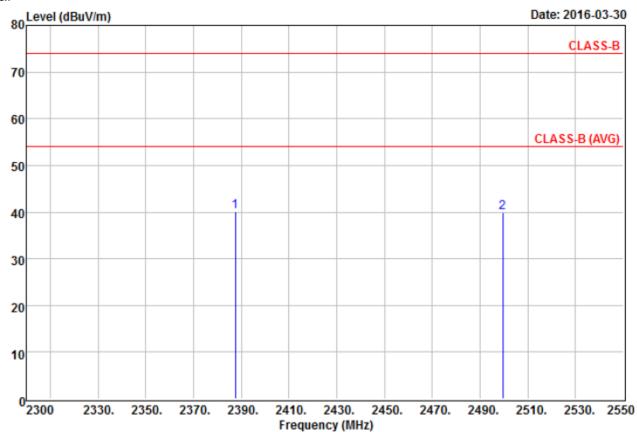
: Amplifier Factor

Read Over Limit Limit Line Remark Level Factor Level Freq dBuV dB/m dBuV/m MHzdB dBuV/m 39.75 -34.25 74.00 Peak 39.81 -34.19 74.00 Peak 2388.10 54.15 -14.40 2502.30 53.85 -14.04 2.



Report No.:F16030805

Vertical



Site open site

Condition CLASS-B 3m MCTD-1209(1-18G)-105 VERTICAL

: VP3820 EUT Power

: DC 3V : CH LO & HI - Restricted Bands Mode

: 23 Temperature Humidity : 60 Mode

: 1.Result=Read Value+Factor Remarks:

: 2.Factor=Antenna Factor+Cable loss-

Read Freq Level Factor			Leve1		Limit Line	Remark	
	$\overline{\mathbf{MHz}}$	dBuV	dB/m	$\overline{dBuV/m}$	\overline{dB}	$\overline{dBuV/m}$	
1 2	2387.50 2499.60			_			



Report No.:F16030805

Note:

- 1. Emission level = Reading level + Correction factor
- 2. Correction factor: Antenna factor, Cable loss, Pre-Amp, etc.
- 3. All emissions as described above were determining by rotating the EUT through three orthogonal axes to maximizing the emissions if the EUT belongs to hand-held or body-worn devices.
- 4. Measurements above 1000 MHz, Peak detector setting: use a 1 MHz RBW, a 3 MHz VBW.
- 5. Measurements above 1000 MHz, Average detector setting: 1 MHz RBW with 10 Hz VBW.
- 6. Peak detector measurement data will represent the worst case results.



Report No.:F16030805

6. **20DB BANDWIDTH MEASUREMENT**

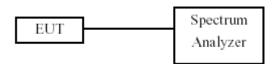
TEST LIMIT 6.1

The minimum of 20dB Bandwidth Measurement is 0.5 MHz.

6.2 TEST PROCEDURES

- a. The transmitter output was connected to the spectrum analyzer.
- b. Set RBW of spectrum analyzer to $1\sim5\%$ of the emission bandwidth and VBW $\geq 3x$ RBW.
- c. The 20 dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 20 dB.
- d. The 20dB Bandwidth was measured and recorded.

6.3 TEST SETUP LAYOUT





Report No.:F16030805

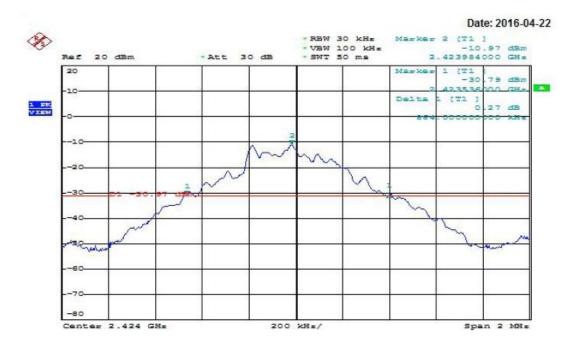
TEST RESULT AND DATA

Temperature: 25°C Test Date: Apr. 22, 2016 Atmospheric pressure: 1010 hPa Humidity: 60%

Modulation Standard	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	
	0	2424	0.864	
GFSK (1Mbps)	19	2450	0.864	
	39	2479	0.864	

Modulation Standard: GFSK (1Mbps)

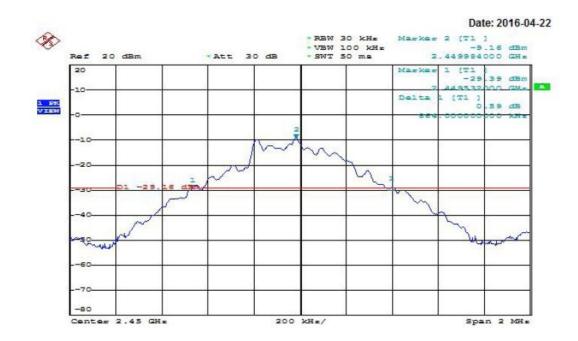
Channel: 0





Modulation Standard: GFSK (1Mbps)

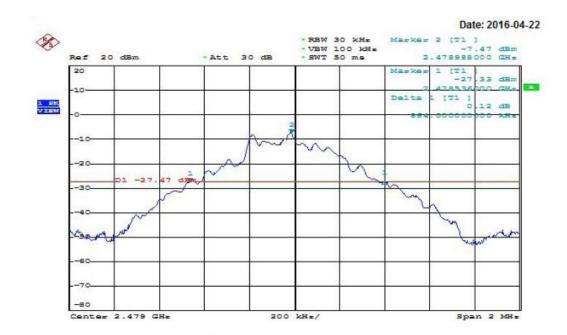
Channel: 19





Modulation Standard: GFSK (1Mbps)

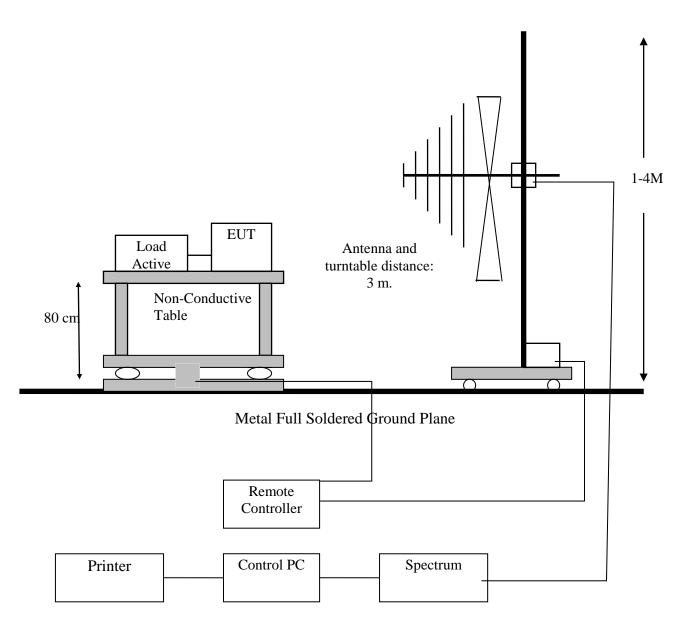
Channel: 39





SECTION 15.209 REQUIREMENTS (GENERAL RADIATED EMISSION) 7.

TEST SETUP





Report No.:F16030805

7.2 LIMIT

The field strength of any emissions which appear outside of this band shall not exceed the general radiated emission limits in section 15.209 as below.

Frequency (MHz)	Field Strength (mV/m)	Measurement Distance (m)
1.705-30	30	30
30-88	100*	3
88-216	150*	3
216-960	200*	3
Above 960	500*	3

^{*}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.

In the above emission table, the tighter limit applies at the band edges.

Frequency (Hz)	Field Strength (μV/m at 3-meter)	Field Strength (dBµV/m at 3-meter)	
1.705-30	30 (at 30-meter)	49.5	
30-88	100	40	
88-216	150	43	
216-960	200	46	
Above 960	500	54	



Report No.:F16030805

7.3 TEST PROCEDURE

- 1. The EUT was placed on a turntable, which was 0.8m above ground plane.
- 2. The turntable was rotated for 360 degrees to determine the position of maximum emission level.
- 3. EUT was set at 3m away from the receiving antenna, which was varied from 1m to 4m to find out the highest emissions.
- 4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
- 5. And also, each emission was maximized by changing the polarization of receiving antenna, both

horizontal and vertical.

6. Repeated above procedures until the measurements for all frequencies are completed.

7.4 RESULT: PASSED

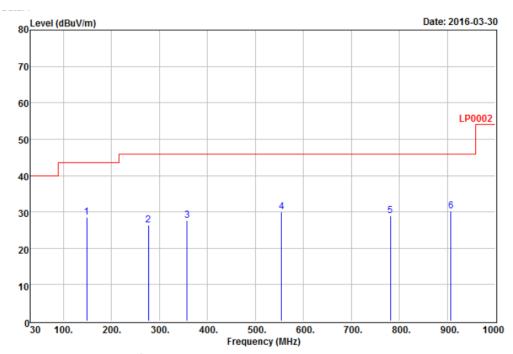


Report No.:F16030805

TEST DATA: 7.5

All frequencies not described in this test report and within the range of the general radiated emission limits are not detectable significantly. The table as below is representing worst emissions found.

Horizontal(worst emissions found)



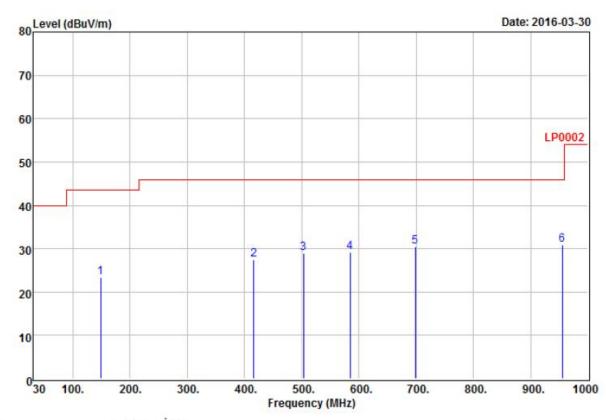
open site LP0002 3m VULB9160(30-1G)-105 HORIZONTAL VP3820 DC 3V BT Operation 23 Site Condition EUT Power Mode Temperature Humidity Mode : 1.Result=Read Value+Factor : 2.Factor=Antenna Factor+Cable loss-: Amplifier Factor Remarks:

. Ampilitei ractoi							
	Read				0ver	Limit	
	Freq	Level	Factor	Leve1	Limit	Line	Remark
	MHz	dBuV	dB/m	dBuV/m	dB	dBuV/m	
1	148.34	40.12	-11.69	28.43	-15.07	43.50	OP
	277.35						
2	357.86						
4	554.77						
5	781.75						
4 5 6	907.85						



Report No.:F16030805

Vertical(worst emissions found)



: open site : LP0002 3m VULB9160(30-1G)-105 VERTICAL Site Condition EUT Power

: LP0002 3m Vol : VP3820 : DC 3V : BT Operation : 23 : 60 Mode Temperature Humidity

Mode

: 1.Result=Read Value+Factor : 2.Factor=Antenna Factor+Cable loss-: Amplifier Factor Remarks:

	. mapilited ractor							
		Read			Over	Limit		
	Freq	Level	Factor	Level	Limit	Line	Remark	
-	MHz	dBuV	dB/m	dBuV/m	dB	dBuV/m		
1	148.34	35.02	-11.69	23.33	-20.17	43.50	QP	
2	416.06	38.17	-10.72	27.45	-18.55	46.00	0P	
2	503.36	37.53	-8.63	28.90	-17.10	46.00	OP	
	584.84							
4 5	698.33							
6	955.38							



Report No.:F16030805

Note:

- 1. Emission level = Reading level + Correction factor
- 2. Correction factor: Antenna factor, Cable loss, Pre-Amp, etc.
- 3. All emissions as described above were determining by rotating the EUT through three orthogonal axes to maximizing the emissions if the EUT belongs to hand-held or body-worn devices.
- 4. Measurements from 9 kHz to 150 kHz, Peak detector setting: 100 Hz RBW
- 5. Measurements from 150 kHz to 30MHz, Peak detector setting: 10 kHz RBW
- 6. Measurements from 30 MHz to 1000 MHz, Peak detector setting: 100 kHz RBW
- 7. Measurements from 9 kHz to 150 kHz, CISPR Quasi-Peak detector: 200 Hz RBW
- 8. Measurements from 150 kHz to 30MHz, CISPR Quasi-Peak detector: 9 kHz RBW
- 9. Measurements from 30 MHz to 1000 MHz, CISPR Quasi-Peak detector: 120 kHz **RBW**
- 10. Peak detector measurement data will represent the worst case results.



WH Technology Corp. Date of Issue: MAR.31, 2016 Report No. F16020805

Report No.:F16030805

SECTION 15.207 REQUIREMENTS (POWERLINE CONDUCTED 8. **EMISSIONS)**

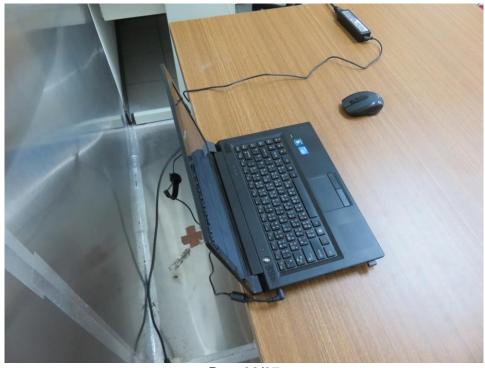
The EUT is powered by the battery; therefore this test item is not applicable.



APPENDIX 1 PHOTOS OF TEST CONFIGURATION

Photograph – Conducted Emission Test Setup





Page32/37



Photograph - Radiated Emission Test Setup







APPENDIX 2 PHOTOS OF EUT





Page34/37











