

🧲 Shenzhen Zhongjian Nanfang Testing Co., Ltd.

Report No: CCISE191111001V01

FCC REPORT

Applicant: XTIM SARL

Address of Applicant: 77, rue de Lyon - 13015 Marseille - France

Equipment Under Test (EUT)

Product Name: Metafly controller

Model No.: META1

FCC ID: 2ADQDMETA1

Applicable standards: FCC CFR Title 47 Part 15 Subpart C Section 15.249

Date of sample receipt: 18 Nov., 2019

Date of Test: 18 Nov., to 10 Dec., 2019

Date of report issued: 13 Dec., 2019

Test Result: PASS*

* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:



Bruce Zhang Laboratory Manager

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product and does not permit the use of the CCIS product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

This report may only be reproduced and distributed in full. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

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2 **Version**

Version No.	Date	Description
00	22 Nov., 2019	Original
01	13 Dec., 2019	Update page 17~18

Project Engineer
Winner Many Prepared By: Date: 13 Dec., 2019

Check By: 13 Dec., 2019

Reviewer



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4 Test Summary

Test Item	Section in CFR 47	Result
Antenna requirement	15.203	Pass
Conducted Emission	15.207	N/A
Field strength of the fundamental signal	15.249 (a)(e)	Pass
Spurious emissions	15.249 (d)/15.209	Pass
20dB Occupy Bandwidth	15.215	Pass

Pass: The EUT comply with the essential requirements in the standard.



5 General Information

5.1 Client Information

Applicant:	XTIM SARL
Address:	77, rue de Lyon - 13015 Marseille - France
Manufacturer:	XTIM SARL
Address:	77, rue de Lyon - 13015 Marseille - France
Factory:	Rokotech (ShenZhen) limited
Address:	4F, No.16 Xingye West Road, Heyi, Shajing Baoan District, ShenZhen

5.2 General Description of E.U.T.

Product Name:	Metafly controller
Model No.:	META1
Operation Frequency:	2408MHz~2475MHz
Channel numbers:	17
Modulation type:	GFSK
Antenna Type:	Wire antenna
Antenna gain:	1.8 dBi
Power supply:	DC 6V (4 × " AA" Battery)
Test Sample Condition:	The test samples were provided in good working order with no visible defects.

Operation Frequency each of channel						
Channel	Frequency	Channel	Frequency	Channel	Frequency	
0	2408MHz	6	2431MHz	12	2456MHz	
1	2410MHz	7	2435MHz	13	2460MHz	
2	2415MHz	8	2440MHz	14	2469MHz	
3	2420MHz	9	2442MHz	15	2472MHz	
4	2424MHz	10	2445MHz	16	2475MHz	
5	2428MHz	11	2449MHz			

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test. Channel No. 0, 8 & 16 were selected as Lowest, Middle and Highest channel.



5.3 Test mode

Transmitting mode: Keep the EUT in transmitting mode with modulation. (New battery is used)

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Pre-Test Mode: (highest channel=2475MHz)

CCIS has verified the construction and function in typical operation, The EUT was placed on three different polar directions; i.e. X axis, Y axis, Z axis. which was shown in this test report and defined as follows:

		-	
Axis	X	Υ	Z
Field Strength(dBuV/m)	82.08	81.74	80.46

Final Test Mode:

According to ANSI C63.4 standards, the test results are both the "worst case" and "worst setup":

X axis (see the test setup photo)

5.4 Description of Support Units

N/A

5.5 Laboritory Facility

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

• FCC - Registration No.: 727551

Shenzhen Zhongjian Nanfang Testing Co., Ltd. has been accredited as a testing laboratory by FCC (Federal Communications Commission). The Registration No. is 727551.

• IC - Registration No.: 10106A-1

The 3m Semi-anechoic chamber of Shenzhen Zhongjian Nanfang Testing Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

CNAS - Registration No.: CNAS L6048

Shenzhen Zhongjian Nanfang Testing Co., Ltd. is accredited to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L6048.

A2LA - Registration No.: 4346.01

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: https://portal.a2la.org/scopepdf/4346-01.pdf

5.6 Laboritory Location

Shenzhen Zhongjian Nanfang Testing Co., Ltd.

Address: No. B-C, 1/F., Building 2, Laodong No.2 Industrial Park, Xixiang Road,

Bao'an District, Shenzhen, Guangdong, China Tel: +86-755-23118282, Fax: +86-755-23116366

Email: info@ccis-cb.com, Website: http://www.ccis-cb.com

Shenzhen Zhongjian Nanfang Testing Co., Ltd.
No. B-C, 1/F., Building 2, Laodong No.2 Industrial Park, Xixiang Road,
Bao'an District, Shenzhen, Guangdong, China
Telephone: +86 (0) 755 23118282 Fax: +86 (0) 755 23116366





5.7 Test Instruments list

Radiated Emission:							
Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)		
3m SAC	SAEMC	9m*6m*6m	966	07-22-2017	07-21-2020		
BiConiLog Antenna	SCHWARZBECK	VULB9163	497	03-18-2019	03-17-2020		
Horn Antenna	SCHWARZBECK	BBHA9120D	916	03-18-2019	03-17-2020		
Horn Antenna	SCHWARZBECK	BBHA9120D	1805	06-22-2017	06-21-2020		
I I a was A sa ta sa sa a	001114/4 DZDEOV	DDIIA 0470	DD1140470500	11-21-2018	11-20-2019		
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170582	11-21-2019	11-20-2020		
Loop Antenna	SCHWARZBECK	FMZB 1519 B	00044	03-18-2019	03-17-2020		
EMI Test Software	AUDIX	E3	Version: 6.110919b				
Pre-amplifier	HP	8447D	2944A09358	03-18-2019	03-17-2020		
Pre-amplifier	CD	PAP-1G18	11804	03-18-2019	03-17-2020		
Spectrum analyzer	Rohde & Schwarz	FSP30	101454	03-18-2019	03-17-2020		
Chastrum analyzar	Rohde & Schwarz	FSP40	100262	11-21-2018	11-20-2019		
Spectrum analyzer	Ronde & Schwarz	FSP40	100363	11-21-2019	11-20-2020		
EMI Test Receiver	Rohde & Schwarz	ESRP7	101070	03-18-2019	03-17-2020		
Simulated Station	Anritsu	MT8820C	6201026545	03-18-2019	03-17-2020		
Cable	ZDECL	Z108-NJ-NJ-81	1608458	03-18-2019	03-17-2020		
Cable	MICRO-COAX	MFR64639	K10742-5	03-18-2019	03-17-2020		
Cable	SUHNER	SUCOFLEX100	58193/4PE	03-18-2019	03-17-2020		



6 Test results and Measurement Data

6.1 Antenna requirement:

Standard requirement:

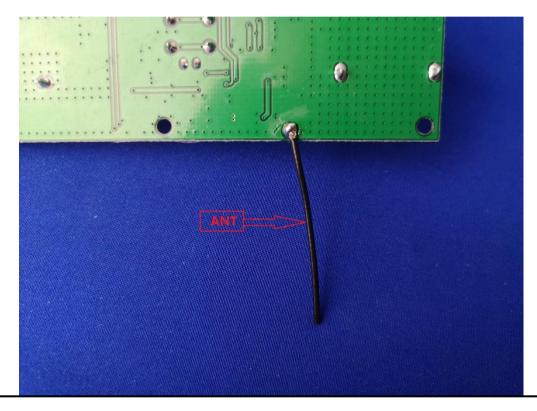
FCC Part15 C Section 15.203

15.203 requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

E.U.T Antenna:

The antenna is Wire Antenna which cannot detachable . The best case gain of the antenna is 1.8 dBi.





6.2 Conducted Emission

Test Requirement:	FCC Part 15 B Section 15.20)7		
Test Method:	ANSI C63.10:2013			
Test Frequency Range:	150kHz to 30MHz			
Class / Severity:	Class B			
Receiver setup:	RBW=9kHz, VBW=30kHz			
Limit:	_	Limit	(dBµV)	
Limit	Frequency range (MHz)	Quasi-peak	Average	
	0.15-0.5	66 to 56*	56 to 46*	
	0.5-5	56	46	
	0.5-30	60	50	
	* Decreases with the logarith	m of the frequency.		
Test setup:	Reference Plar	ne		
	AUX Filter AC power Equipment E.U.T Test table/Insulation plane Remark E.U.T. Equipment Under Test LISN: Line Impedence Stabilization Network Test table height=0.8m			
Test procedure	 The E.U.T and simulators are connected to the main power through a line impedance stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs). Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10:2013 on conducted measurement. 			
Test Instruments:	Refer to section 5.9 for details			
Test mode:	Refer to section 5.3 for details			
Test results:	The power supply of the EUT	Γ is by the Battery, so r	not need to be tested.	
	•			



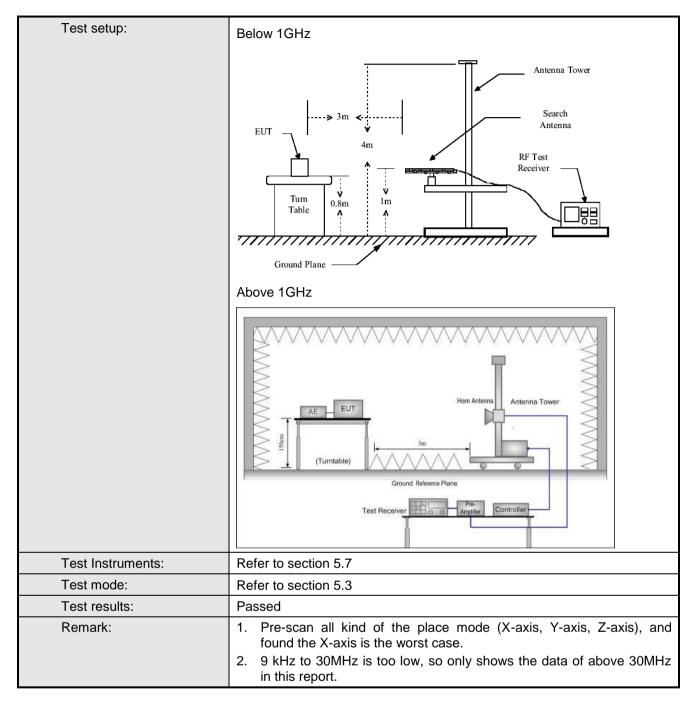


6.3 Radiated Emission

Test Requirement:	FCC Part15 C Section 15.249 and 15.209						
Test Method:	ANSI C63.10: 2013						
Test Frequency Range:	9KHz to 10000MHz						
Test site:	Measurement Distance: 3m						
Receiver setup:	Frequency	Detector	RBW	VBW	Remark		
·	30MHz-1GHz	Quasi-peak	120kHz	300kH	z Quasi-peak Value		
	Above 1GHz	Peak	1MHz 3MH				
		RMS	1MHz	3MHz			
Limit:	Frequer	ncy L	mit (dBuV/m	@3m)	Remark		
(Field strength of the	902.928	лна 📙	94.00		Average Value		
fundamental signal)	002.0201	2	114.00		Peak Value		
Limit:	Frequen	су	_imit (dBuV/m	@3m)	Remark		
(Spurious Emissions)	30MHz-88	MHz	40.00		Quasi-peak Value		
	88MHz-216		43.50		Quasi-peak Value		
	216MHz-96		46.00		Quasi-peak Value		
	960MHz-1	GHz	54.00		Quasi-peak Value		
	Above 10	SHz -	54.00		Average Value		
Limit:							
frequency band) Test Procedure:	Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation. 1. The EUT was placed on the top of a rotating table 0.8m(below 1GHz)/1.5m(above 1GHz) above the ground at a 3 meter camber. 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 antenna height 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. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-						











6.3.1 Field Strength Of The Fundamental Signal

	Peak value						
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2400	49.11	27.41	4.71	81.23	114.00	-32.77	Vertical
2408	46.17	27.41	4.71	78.29	114.00	-35.71	Horizontoal
2440	49.08	27.48	4.75	81.31	114.00	-32.69	Vertical
2440	49.07	27.48	4.75	81.30	114.00	-32.70	Horizontoal
0.475	49.72	27.56	4.8	82.08	114.00	-31.92	Vertical
2475	46.55	27.56	4.8	78.91	114.00	-35.09	Horizontoal
			Average	value			
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2408	43.52	27.41	4.71	75.64	94.00	-18.36	Vertical
2400	40.25	27.41	4.71	72.37	94.00	-21.63	Horizontoal
2440	43.68	27.48	4.75	75.91	94.00	-18.09	Vertical
2440	43.25	27.48	4.75	75.48	94.00	-18.52	Horizontoal
2475	43.92	27.56	4.8	76.28	94.00	-17.72	Vertical
24/5	40.82	27.56	4.8	73.18	94.00	-20.82	Horizontoal

NOTE: Field strength of the fundamental signal test, RBW >20dB BW, VBW>=3XRBW.

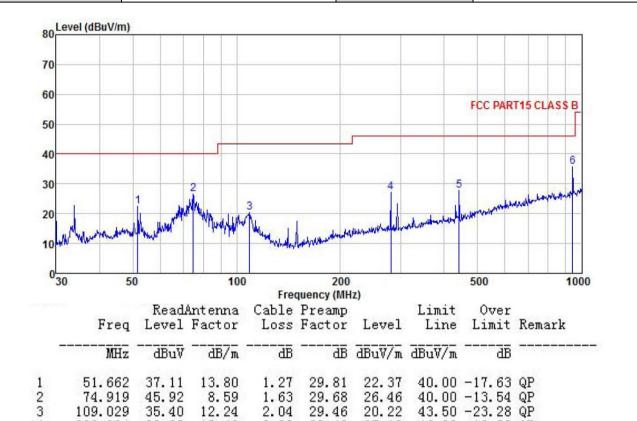


6.3.2 Spurious Emissions

Measurement Data (worst case):

Below 1GHz:

Product Name:	Metafly controller	Product Model:	META1
Test By:	Carey	Test mode:	2.4G Tx mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Vertical
Test Voltage:	DC 6V	Environment:	Temp: 24°C Huni: 57%



Remark:

4

5

6

280.024

441.743

942.131

12.24

13.49

16.01

22.38

39.22

37.54

36.84

2.04

2.89

3.18

4.13

28.48

28.86

27.75

27.12

27.87

35.60

46.00 -18.88 QP

46.00 -18.13 QP

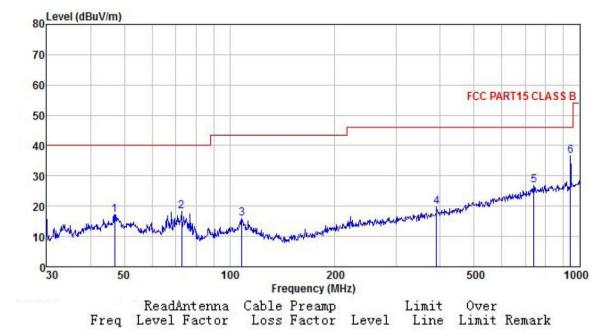
46.00 -10.40 QP

^{1.} Final Level = Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor.

The emission levels of other frequencies are very lower than the limit and not show in test report.



Product Name:	Metafly controller	Product Model:	META1
Test By:	Carey	Test mode:	2.4G Tx mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Horizontal
Test Voltage:	DC 6V	Environment:	Temp: 24℃ Huni: 57%



	rreq	rever	ractor	FOSS	ractur	rever	Title	LIMIT	Kemark
	MHz	dBu∜	dB/m	₫B	dB	dBuV/m	dBuV/m	<u>dB</u>	
1	46.995	31.96	13.86	1.27	29.84	17.25	40.00	-22.75	QP
2	72.847	37.49	8.80	1.59	29.70	18.18	40.00	-21.82	QP
2	108.267	31.15	12.20	2.03	29.47	15.91	43.50	-27.59	QP
	390.723	30.03	15.34	3.08	28.74	19.71	46.00	-26.29	QP
4 5	739.661	30.40	20.76	4.32	28.52	26.96	46.00	-19.04	QP
6	942.131	37.72	22.38	4.13	27.75	36.48	46.00	-9.52	QP

- 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor.
- 2. The emission levels of other frequencies are very lower than the limit and not show in test report.





Above 1GHz

	Test channel: Lowest channel									
			De	tector: Peak	Value					
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
4816.00	44.25	31.62	6.81	41.82	40.86	74.00	-33.14	Vertical		
4816.00	42.36	31.62	6.81	41.82	38.97	74.00	-35.03	Horizontal		
Detector: Average Value										
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
4816.00	33.51	31.62	6.81	41.82	30.12	54.00	-23.88	Vertical		
4816.00	33.26	31.62	6.81	41.82	29.87	54.00	-24.13	Horizontal		

	Test channel: Middle channel									
Detector: Peak Value										
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
4880.00	43.39	31.72	6.86	41.84	40.13	74.00	-33.87	Vertical		
4880.00	44.29	31.72	6.86	41.84	41.03	74.00	-32.97	Horizontal		
			Dete	ctor: Avera	ge Value					
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
4880.00	33.59	31.72	6.86	41.84	30.33	54.00	-23.67	Vertical		
4880.00	33.17	31.72	6.86	41.84	29.91	54.00	-24.09	Horizontal		

	Test channel: Highest channel									
Detector: Peak Value										
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
4950.00	44.26	31.82	6.90	41.86	41.12	74.00	-32.88	Vertical		
4950.00	44.15	31.82	6.90	41.86	41.01	74.00	-32.99	Horizontal		
			Dete	ctor: Averaç	ge Value					
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
4950.00	33.92	31.82	6.90	41.86	30.78	54.00	-23.22	Vertical		
4950.00	33.48	31.82	6.90	41.86	30.34	54.00	-23.66	Horizontal		
1										

Remark:

^{1.} Final Level = Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor.

^{2.} The emission levels of other frequencies are very lower than the limit and not show in test report.



6.3.3 Band Edge

Radiated Emission Method

Test Requirement:	FCC Part 15 C	Section 15.20	09						
Test Method:	ANSI C63.10:	2013							
Test Frequency Range:	15.205								
Test Distance:	3m								
Receiver setup:	Frequency	Detector	RBW	VB'	3W	Remark			
	above 1GHz	Peak	1MHz 3N		Ηz	Peak Value			
Limit:	Frequen	-	imit (dBuV/m @3r	m)		Remark			
	30MHz-88I		40.00			si-peak Value			
	88MHz-216	+	43.50			asi-peak Value			
	216MHz-960		46.00			si-peak Value			
Test Procedure:	 7. The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation. 8. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. 9. The antenna height 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. 10. 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 rota table was turned from 0 degrees to 360 degrees to find the maximum reading. 11. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 12. If the emission level of the EUT in peak mode was 10 dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10 dB margin would be re-tested one by one using peak, quasipeak or average method as specified and then reported in a data 								
Test setup:	EUT Turn Table	3m 4m 4m 0.8m 1m			ver —	wer B			
		Refer to section 5.7 for details							
Test Instruments:	Refer to section	n 5.7 for detai	ls						
Test Instruments: Test mode:	Refer to section								

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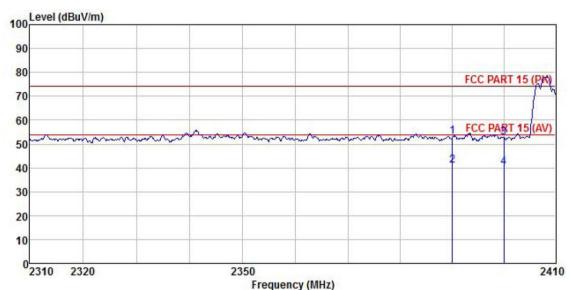


Product Name	duct Name: Metafly controller				Product I	Model:	META	META1		
Гest By:	(Carey				Test mod	e:	2.4G	·Tx mode	
Test Channel:	L	owest cha	annel			Polarizati	on:	Vertic	cal	
Test Voltage:		DC 6V				Environm	nent:	Temp	o: 24℃ Huni: 57	
100 Lev	el (dBuV/m)									
90										
80									TO AN I OF THE PARK	
70								FCC	PART 15 (PK)	
2.7										
60			100 - 000					FC	PART 15 (AV)	
50	varan	· ~~~		-1 -04 -00	Annual V				~~~	
40								- 7	4	
30										
20										
10										
0 <mark>231</mark>	0 2320			2350	1000				2410	
		P4	Int enna		quency (Mi Preamp		Limit	Over		
	Freq		Factor	Loss	Factor	Level		Limit	Remark	
222	MHz	dBu√	<u>dB</u> /m			dBu√/m	dBuV/m	dB		
	200 000	00 47	07.07	4 60	0.00	F0 F0	74.00	01 47	ъ 1	
	390.000 390.000	20.47 8.78	27.37 27.37	4.69	0.00			-21.47 -13.16	reak Average	
3 2	400.000	21.07	27.11	4.70	0.00	52.88	74.00	-21.12	Peak	
4 2	400.000	8.66	27.11	4.70	0.00	40.47	54.00	-13.53	Average	

- 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor.
- 2. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product Name:	Metafly controller	Product Model:	META1
Test By:	Carey	Test mode:	2.4G-Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 6V	Environment:	Temp: 24℃ Huni: 57%



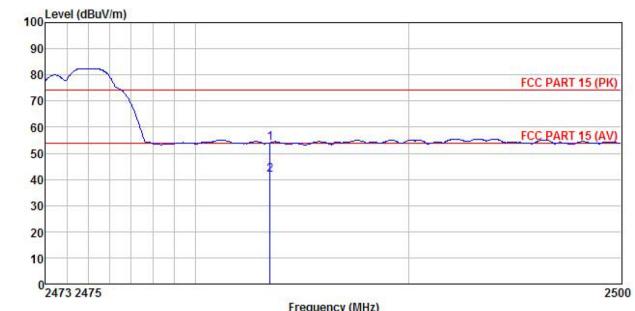
		Read	Antenna	Cable	Preamp	and the same	Limit	Over	
	Freq		Factor						Remark
	MHz	dBu∜	$-\overline{dB}/\overline{m}$	<u>dB</u>	<u>ab</u>	$\overline{dBuV/m}$	$\overline{dBuV/m}$	<u>dB</u>	
1	2390.000	21.04		4.69				-20.90	
2	2390.000	9.06	27.37	4.69					Average
3	2400.000	20.92	27.11	4.70	0.00	52.73	74.00	-21.27	Peak
4	2400.000	8.38	27.11	4.70	0.00	40.19	54.00	-13.81	Average

- 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor.
- 2. The emission levels of other frequencies are very lower than the limit and not show in test report.





Product Name:	Metafly controller	Product Model:	META1
Test By:	Carey	Test mode:	2.4G-Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 6V	Environment:	Temp: 24℃ Huni: 57%

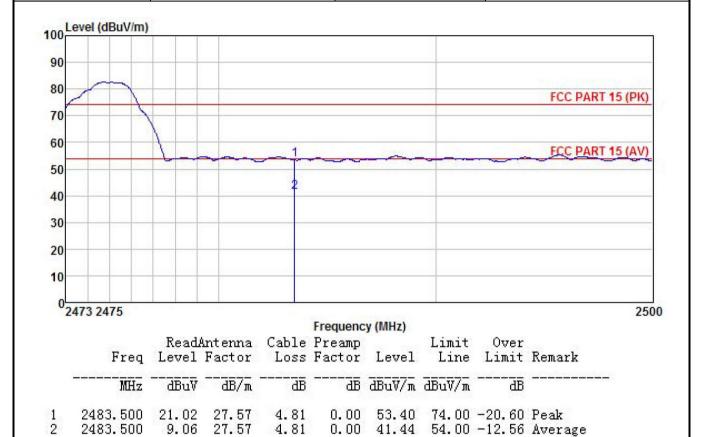


			Frequency (MHZ)							
	Freq		Antenna Factor							
	MHz	₫₿uѶ	<u>dB</u> /m	₫B	₫B	dBuV/m	dBuV/m	<u>dB</u>		
1	2483.500 2483.500	21.67 9.21	27.57 27.57	4.81 4.81	0.00 0.00	54.05 41.59	74.00 54.00	-19.95 -12.41	Peak Average	

- 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor.
- 2. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product Name:	Metafly controller	Product Model:	META1
Test By:	Carey	Test mode:	2.4G-Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	DC 6V	Environment:	Temp: 24℃ Huni: 57%



- 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor.
- 2. The emission levels of other frequencies are very lower than the limit and not show in test report.



6.4 20dB Occupy Bandwidth

Test Requirement:	FCC Part 15 C Section 15.215	
Test Method:	ANSI C63.10:2013	
Receiver setup:	RBW=30 kHz, VBW=100 kHz, detector=Peak	
Limit:	N/A	
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane	
Test Instruments:	Refer to section 5.7 for details	
Test mode:	Transmitting mode	
Test results:	Pass	

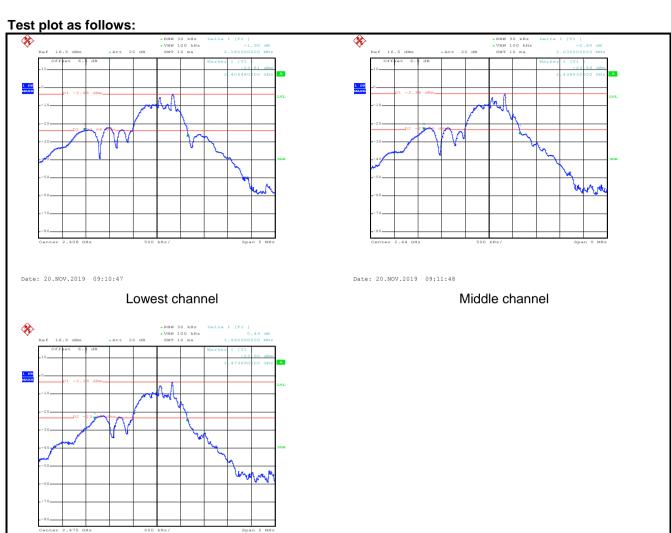
Measurement Data:

20dB Occupy Bandwidth (MHz)			
Lowest channel	Middle channel	Highest Highest	
2.18	2.03	1.96	





Date: 20.NOV.2019 09:12:47



Highest channel