



Report No.: FCC 1912286 File Reference No.: 2020-01-13

Applicant: Ningbo Huizhou Intelligent Technology Co.,Ltd

Product: 3-Axis Intelligent Camera Stabilizer

Model No.: Wi-710

Trademark: N/A

Test Standards: FCC Part 15.247

Test Result:

It is herewith confirmed and found to comply with the

requirements set up by ANSI C63.10, FCC Part 15.247 for

the evaluation of electromagnetic compatibility

Approved By

Jack Chung

Jack Chung

Manager

Dated: January 13, 2020

Results appearing herein relate only to the sample tested The technical reports is issued errors and omissions exempt and is subject to withdrawal at

SHENZHEN TIMEWAY TESTING LABORATORIES

Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le Village, Nanshan District, Shenzhen, China

Tel (755) 83448688, Fax (755) 83442996, E-Mail:info@timeway-lab.com

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Special Statement:

The testing quality ability of our laboratory meet with "Quality Law of People's Republic of China" Clause 19.

The testing quality system of our laboratory meet with ISO/IEC-17025 requirements, which is approved by CNAL. This approval result is accepted by MRA of APLAC.

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

CNAS-LAB Code: L2292

The EMC Laboratory has been assessed and in compliance with CNAS-CL01 accreditation criteria for testing Laboratories (identical to ISO/IEC 17025:2005 General Requirements) for the Competence of testing Laboratories.

FCC-Registration No.: 744189

The 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.: 744189.

Industry Canada (IC) — Registration No.:5205A

The EMC Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 5205A.

A2LA (Certification Number:5013.01)

The EMC Laboratory has been accredited by the American Association for Laboratory Accreditation (A2LA). Certification Number:5013.01

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Test Report Conclusion

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1.0 General Details

1.1 Test Lab Details

Name: SHENZHEN TIMEWAY TESTING LABORATORIES.

Address: Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le

Village, Nanshan District, Shenzhen, China

Telephone: (755) 83448688 Fax: (755) 83442996

1.2 Applicant Details

Applicant: Ningbo Huizhou Intelligent Technology Co.,Ltd

Address: The fifth floor, No. 1230 South Cihai Road, Luotuo Industrial Dist, Zhenhai, Ningbo, China

Telephone: 15355570525

Fax: --

1.3 Description of EUT

Product: 3-Axis Intelligent Camera Stabilizer

Manufacturer: Ningbo Huizhou Intelligent Technology Co.,Ltd

Address: The fifth floor, No. 1230 South Cihai Road, Luotuo Industrial

Dist, Zhenhai, Ningbo, China

Brand Name: N/A
Additional Brand Name: N/A
Model Number: Wi-710

Additional Model Number: N/A

Type of Modulation GFSK (Bluetooth BLE)

Frequency range 2402-2480MHz Frequency Selection By software

Channel Number 40

Rating: DC14.8V, 4pcs DC3.7V, 2200mAh Li-ion batteries

1.4 Submitted Sample: 1 Samples

1.5 Test Duration

2019-12-31 to 2020-01-13

1.6 Test Uncertainty

Conducted Emissions Uncertainty = 3.6dB

Radiated Emissions below 1GHz Uncertainty =4.7dB Radiated Emissions above 1GHz Uncertainty =6.0dB

Conducted Power Uncertainty =6.0dB

The report refers only to the sample tested and does not apply to the bulk.

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Occupied Channel Bandwidth Uncertainty = 5%

1.7 Test Engineer

The sample tested by

Print Name: Terry Tang

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2.0 Test Equipment					
Instrument Type	Manufacturer	Model	Serial No.	Date of Cal.	Due Date
ESPI Test Receiver	R&S	ESPI 3	100379	2019-06-21	2020-06-20
TWO Line-V-NETW	R&S	EZH3-Z5	100294	2019-06-21	2020-06-20
TWO Line-V-NETW	R&S	EZH3-Z5	100253	2019-06-21	2020-06-20
Impuls-Begrenzer	R&S	ESH3-Z2	100281	2019-06-21	2020-06-20
Loop Antenna	EMCO	6507	00078608	2020-06-20	2020-06-20
Spectrum	R&S	FSIQ26	100292	2019-06-21	2020-06-20
Horn Antenna	A-INFO	LB-180400-KF	J211060660	2019-06-21	2020-06-20
Horn Antenna	R&S	BBHA 9120D	9120D-631	2018-07-09	2021-07-08
Power meter	Anritsu	ML2487A	6K00003613	2019-08-22	2020-08-21
Power sensor	Anritsu	MA2491A	32263	2019-08-22	2020-08-21
Bilog Antenna	Schwarebeck	VULB9163	9163/340	2018-07-04	2021-07-03
9*6*6 Anechoic			N/A	2018-02-07	2021-02-06
EMI Test Receiver	RS	ESVB	826156/011	2019-06-21	2020-06-20
EMI Test Receiver	RS	ESH3	860904/006	2019-06-21	2020-06-20
Spectrum	HP/Agilent	ESA-L1500A	US37451154	2019-06-21	2020-06-20
Spectrum	HP/Agilent	E4407B	MY50441392	2019-06-21	2020-06-20
Spectrum	RS	FSP	1164.4391.38	2019-01-20	2020-01-19
RF Cable	Zhengdi	ZT26-NJ-NJ-8 M/FA		2019-06-21	2020-06-20
RF Cable	Zhengdi	7m		2019-06-21	2020-06-20
RF Switch	EM	EMSW18	060391	2019-06-21	2020-06-20
Pre-Amplifier	Schwarebeck	BBV9743	#218	2019-06-21	2020-06-20
Pre-Amplifier	HP/Agilent	8449B	3008A00160	2019-06-21	2020-06-20
LISN	SCHAFFNER	NNB42	00012	2019-01-08 2020-01-07	2020-01-07 2021-01-06

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3.0 **Technical Details**

3.1 **Summary of test results**

Standard	Test Type	Result	Notes
CC Part 15, Paragraph 15.107 & 15.207	Conducted Emission Test	PASS	Complies
FCC Part 15 Subpart C Paragraph 15.247(a)(2) Limit	Spectrum bandwidth of a Orthogonal Frequency Division Multiplex System Limit: 6dB bandwidth>500kHz	PASS	Complies
FCC Part 15, Paragraph 15.247(b)	Maximum peak output power Limit: max. 30dBm	PASS	Complies
FCC Part 15, Paragraph 15.109,15.205 & 15.209	Transmitter Radiated Emission Limit: Table 15.209	PASS	Complies
FCC Part 15, Paragraph 15.247(e)	Power Spectral Density Limit: max. 8dBm	PASS	Complies
FCC Part 15, Paragraph 15.247(d)	Out of Band Emission and Restricted Band Radiation Limit: 20dB less than peak value of fundamental frequency Restricted band limit: Table 15.209	PASS	Complies

3.2 **Test Standards**

FCC Part 15 Subpart & Subpart C, Paragraph 15.247

EUT Modification 4.0

No modification by SHENZHEN TIMEWAY TESTING LABORATORIES.

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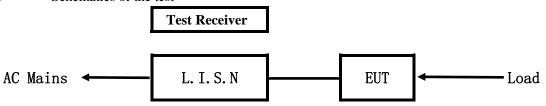
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5.Power Line Conducted Emission Test

5.1 Schematics of the test

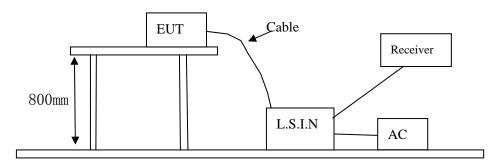


EUT: Equipment Under Test

5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.10-2013. The Frequency spectrum From 0.15MHz to 30MHz was investigated. The LISN used was 50ohm/50uH as specified by section 5.1 of ANSI C63.10 –2013.

Test Voltage: 120V~, 60Hz Block diagram of Test setup



5.3 Configuration of The EUT

The EUT was configured according to ANSI C63.10-2013. All interface ports were connected to the appropriate peripherals. All peripherals and cables are listed below.

A. EUT

Device	Manufacturer	Model	FCC ID
3-Axis Intelligent Camera	Ningbo Huizhou Intelligent	Wi-710	2AUU3-WI-710
Stabilizer	Technology Co.,Ltd	VV 1- / 1 O	2AUU3-W1-710

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B. Internal Device

Device	Manufacturer	Model	Rating

C. Peripherals

Device	Manufacturer	Model	Rating
		-	

5.4 EUT Operating Condition

Operating condition is according to ANSI C63.10-2013.

- A Setup the EUT and simulators as shown on follow
- B Enable AF signal and confirm EUT active to normal condition

5.5 Power line conducted Emission Limit according to Paragraph 15.207 and 15.107

Frequency		Class A Lim	its (dB μ V)	Class B Limits (dB µ V)		
	(MHz)	Quasi-peak Level	Average Level	Quasi-peak Level	Average Level	
	$0.15 \sim 0.50$	79.0	66.0	66.0~56.0*	56.0~46.0*	
	$0.50 \sim 5.00$	73.0	60.0	56.0	46.0	
	5.00 ~ 30.00	73.0	60.0	60.0	50.0	

Notes:

- 1. *Decreasing linearly with logarithm of frequency.
- 2. The tighter limit shall apply at the transition frequencies
- 5.6 Test Results: Pass

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A: Conducted Emission on Live Terminal (150kHz to 30MHz)

EUT Operating Environment

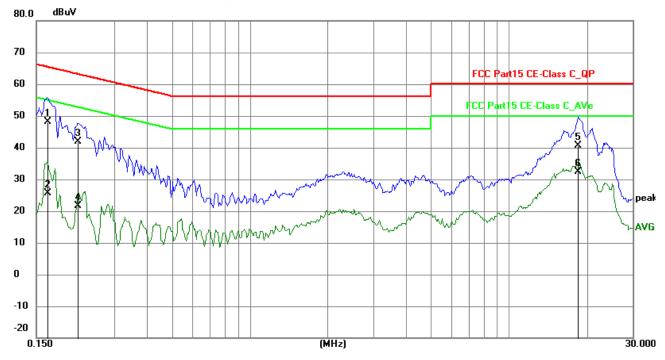
Temperature: 26°C Humidity: 65%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Keep Bluetooth Transmitting

Equipment Level: Class B

Results: PASS

Please refer to following diagram for individual



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1655	38.33	9.77	48.10	65.18	-17.08	QP	Р
2	0.1655	15.78	9.77	25.55	55.18	-29.63	AVG	Р
3	0.2163	32.21	9.75	41.96	62.96	-21.00	QP	Р
4	0.2163	11.83	9.75	21.58	52.96	-31.38	AVG	Р
5	18.4596	29.93	10.59	40.52	60.00	-19.48	QP	Р
6	18.4596	21.72	10.59	32.31	50.00	-17.69	AVG	Р

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B: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

EUT Operating Environment

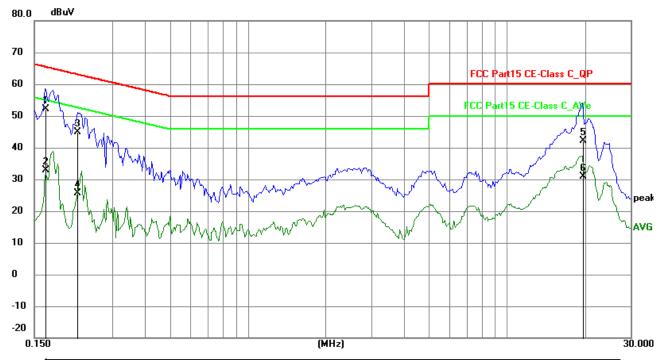
Temperature: 26°C Humidity: 65%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Keep Bluetooth Transmitting

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
I	1	0.1655	42.30	9.77	52.07	65.18	-13.11	QP	Р
	2	0.1655	23.21	9.77	32.98	55.18	-22.20	AVG	Р
	3	0.2202	35.01	9.75	44.76	62.81	-18.05	QP	Р
	4	0.2202	15.92	9.75	25.67	52.81	-27.14	AVG	Р
	5	19.5360	31.49	10.65	42.14	60.00	-17.86	QP	Р
	6	19.5360	20.29	10.65	30.94	50.00	-19.06	AVG	Р

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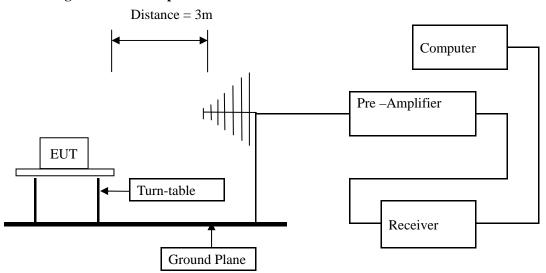
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6 Radiated Emission Test

- 6.1 Test Method and test Procedure:
- (1) The EUT was tested according to ANSI C63.10-2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No.744189
- (2) The EUT, peripherals were put on the turntable which table size is 1m x 1.5 m, table high 0.8 m. All set up is according to ANSI C63.10-2013.
- (3) The frequency spectrum from 30 MHz to 25 GHz was investigated. All readings from 30 MHz to 1 GHz are Quasi-peak values with a resolution bandwidth of 120 kHz. For measurement above 1GHz, peak values with RBW=1MHz VBW=3MHz and PK detector. AV value with RBW=1MHz, VBW=3MHz and RMS detector. Measurements were made at 3 meters.
- (4) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (5) Maximizing procedure was performed on the six (6) highest emissions to ensure EUT compliance is with all installation combinations. All data was recorded in the peak detection mode. Quasi-peak readings was performed only when an emission was found to be marginal (within -4 dB of specification limit), and are distinguished with a "QP" in the data table.
- (6) The antenna polarization: Vertical polarization and Horizontal polarization.

Block diagram of Test setup



- 6.2 Configuration of The EUT

 Same as section 5.3 of this report
- 6.3 EUT Operating Condition
 Same as section 5.4 of this report.

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6.4 Radiated Emission Limit

All emission from a digital device, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strength specified below:

Frequencies in restricted band are complied to limit on Paragraph 15.209 and 15.109

Frequency Range (MHz)	Distance (m)	Field strength (dB μ V/m)
30-88	3	40.0
88-216	3	43.5
216-960	3	46.0
Above 960	3	54.0

Note:

- 1. RF Voltage $(dBuV) = 20 \log RF \text{ Voltage } (uV)$
- 2. In the Above Table, the higher limit applies at the band edges.
- 3. Distance refers to the distance in meters between the measuring instrument antenna and the EUT
- 4. This is a handhold device. The radiated emissions should be tested under 3-axes position (Lying, Side, and Stand), After pre-test. It was found that the worse radiated emission was get at the lying position.
- 5. Battery was fully charged during the test.

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Test result General Radiated Emission Data and Harmonics Radiated Emission Data

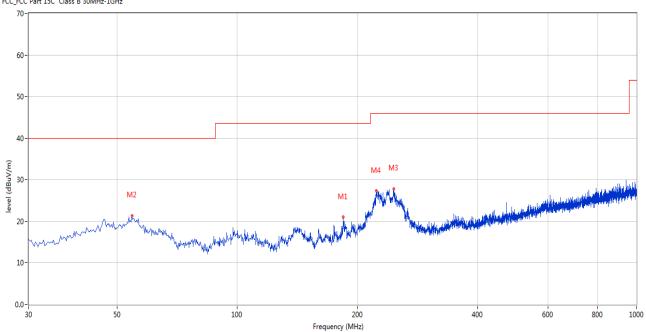
Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Bluetooth Transmitting

Results: Pass

Test Figure:

FCC_FCC Part 15C Class B 30MHz-1GHz



No.	Frequency	Results	Factor (dB)	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)		(dBuV/m)	(dB)		(o)	(cm)		
1	183.949	21.02	-14.97	43.5	-22.48	Peak	265.00	100	Н	Pass
2	54.486	21.41	-11.66	40.0	-18.59	Peak	101.00	100	Н	Pass
3	246.741	27.83	-12.13	46.0	-18.17	Peak	274.00	100	Н	Pass
4	222.739	27.35	-13.19	46.0	-18.65	Peak	277.00	100	Н	Pass

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Test result General Radiated Emission Data and Harmonics Radiated Emission Data

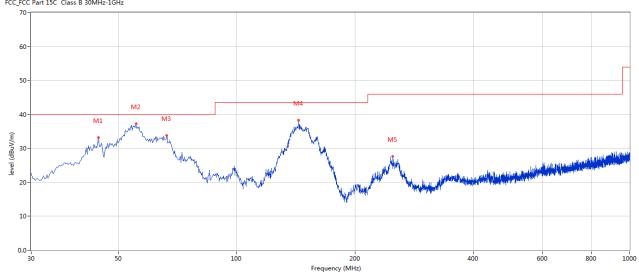
Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Transmitting

Results: Pass

Test Figure:

FCC_FCC Part 15C Class B 30MHz-1GHz



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	44.546	33.14	-11.44	40.0	-6.86	Peak	16.00	100	V	Pass
2	55.456	37.28	-11.89	40.0	-2.72	Peak	115.00	100	V	Pass
3	66.366	33.74	-14.08	40.0	-6.26	Peak	1.00	100	V	Pass
4	143.947	38.34	-17.10	43.5	-5.16	Peak	34.00	100	V	Pass
5	249.893	27.67	-12.08	46.0	-18.33	Peak	346.00	100	V	Pass

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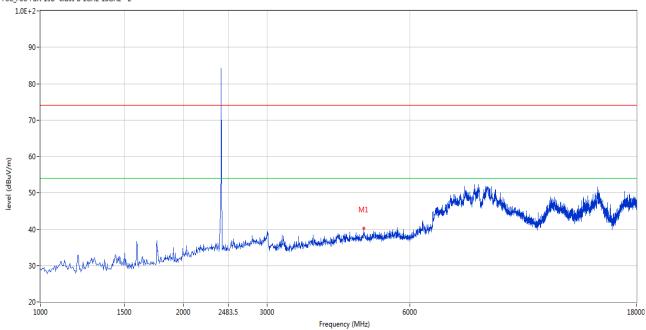


Test Figures above 1GHz:

Please refer to the following test plots for details:

Low Channel: Vertical

FCC_FCC Part 15B Class B 1GHz-18GHz - 2



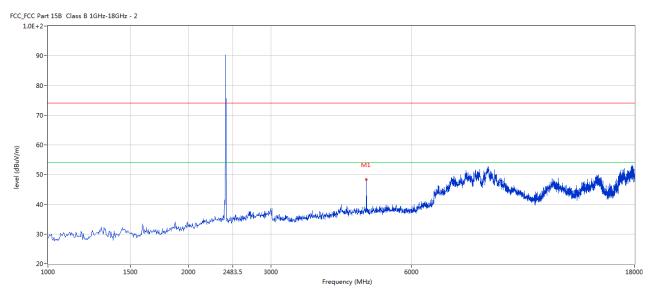
No.	Frequency	Results	Factor (dB)	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)		(dBuV/m)	(dB)		(o)	(cm)		
1	4802.799	40.33	3.12	54.0	-13.67	Peak	3.00	100	V	Pass

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Low Channel: Horizontal



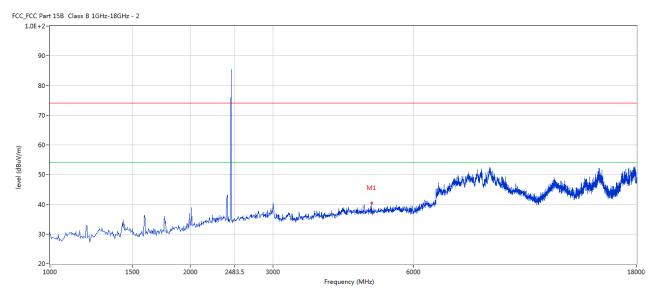
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	4802.799	48.37	3.12	54.0	-5.63	Peak	240.00	100	Н	Pass

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Middle Channel: Vertical



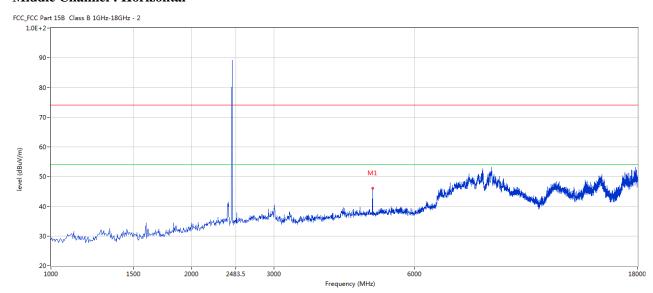
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	4879.280	40.51	3.20	54.0	-13.49	Peak	360.00	100	V	Pass

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Middle Channel: Horizontal



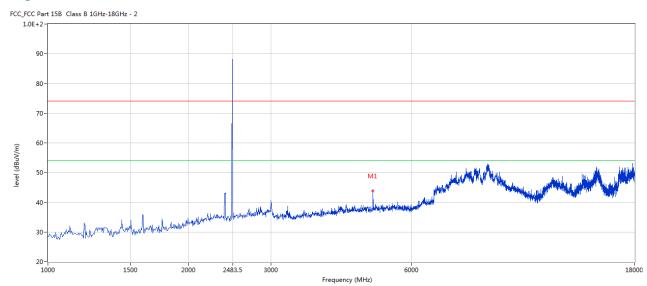
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	4879.280	46.18	3.20	54.0	-7.82	Peak	237.00	100	Н	Pass

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High Channel: Vertical



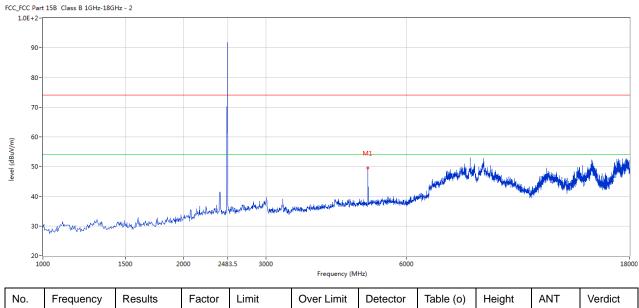
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	4960.010	43.91	3.36	54.0	-10.09	Peak	360.00	100	V	Pass

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High Channel: Horizontal



No	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	4960.010	50.57	3.36	54.0	-3.43	Peak	240.00	100	Н	Pass

Note: 1. Level = Reading + AF + Cable - Preamp

- 2. For the radiated emissions above 18G and below 30MHz, it is the floor noise.
- 3. The measured PK value less than the AV limit, no necessary to take down the AV measurement result.

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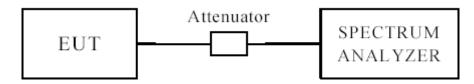
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7.0 6dB Bandwidth Measurement

7.1 Test Setup



7.2 Limits of 6dB Bandwidth Measurement

The minimum of 6dB Bandwidth Measurement is >500 kHz

7.3 Test Procedure

- 1. Set resolution bandwidth (RBW) = 100 kHz
- 2. Set the video bandwidth $(VBW) \ge 3 \times RBW$.
- 3. Detector = Peak.
- 4. Trace mode = max hold.
- 5. Sweep = auto couple.
- 6. Allow the trace to stabilize.
- 7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

7.4 Test Result

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6dB BW

ub b 11								
EUT	3-Axis Into	lligent Camera		Model			Wi-710	
	Mode Keep Trans							
Mode				Input Voltage	oltage		DC14.8V	
Temperat	emperature 24 deg.			Humidity		56% RH		
Channel	Channel Frequence (MHz)	y 6 dE		andwidth Hz)	Minimum Limit (kHz)		Pass/ Fail	
Low	Low 2402		727			0.5	Pass	
Middle	2440		727			0.5	Pass	
High	High 2480		7	27		0.5	Pass	

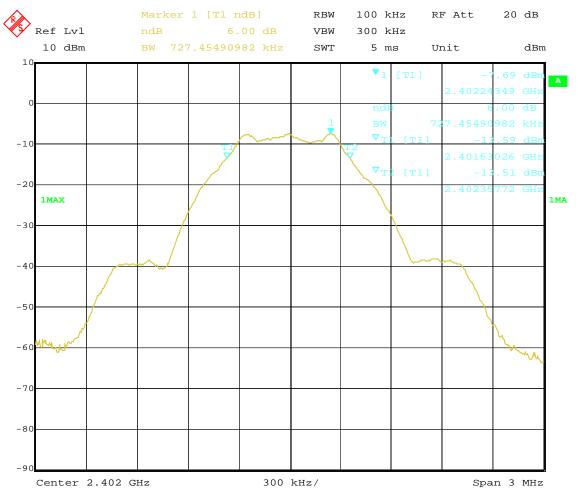
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Test Figure:

1. Condition: Low Channel



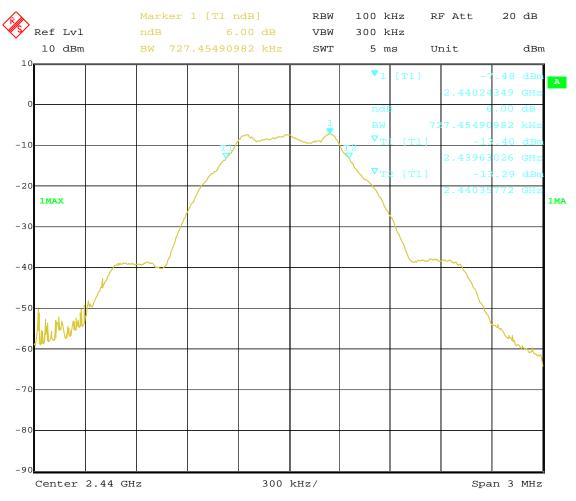
9.JAN.2020 16:22:08 Date:

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2. Condition: Middle Channel

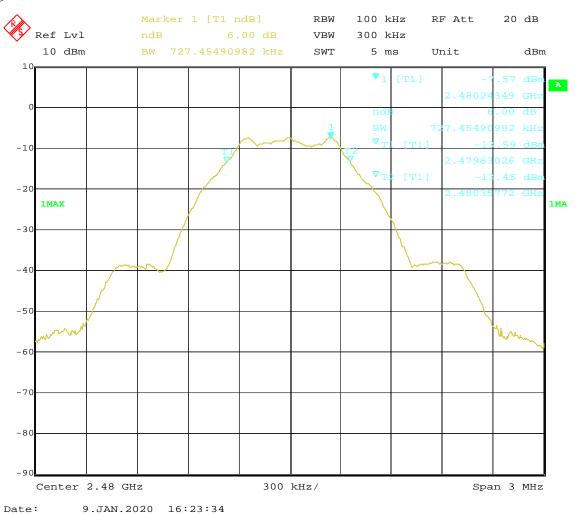


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3. High Channel



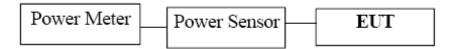
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8. Maximum Output Power

8.1 Test Setup



8.2 Limits of Maximum Output Power

The Maximum Output Power Measurement is 30dBm.

8.3 Test Procedure

The RF power output was measured with a Power meter connected to the RF Antenna connector (conducted measurement) while EUT was operating in transmit mode at the appropriate centre frequency.

Note: the Peak power were measured.

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8.4Test Results

EUT		3-Axis Intelligen	nt Camera	Model		Wi-710)	
		Stabilizer						
Mode		Keep Transmitting		Input Voltage	DC14.8V		V	
Temperatu	re	24 deg. (24 deg. C,			56% RH		
Channel	Cł	nannel Frequency	Мах	a. Power Output (dBm)		Peak Power Limit	Pass/ Fail	
Chamer		(MHz)		Peak		(dBm)		
Low		2402		-6.20		30	Pass	
Middle		2440		-5.98		30	Pass	
High		2480		-6.10		30	Pass	

Note: 1. the result basic equation calculation as follow:

Max. Power Output = Power Reading + Cable loss + Attenuator

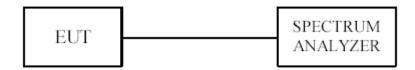
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9. Power Spectral Density Measurement

9.1 Test Setup



9.2 Limits of Power Spectral Density Measurement

The Maximum Power Spectral Density Measurement is 8dBm.

9.3 Test Procedure

- 1. Use this procedure when the maximum peak conducted output power in the fundamental emission is used to demonstrate compliance.
- 2. Set the RBW = 10 kHz.
- 3. Set the VBW \geq 30 kHz.
- 4. Set the span to 1.5 times the DTS channel bandwidth.
- 5. Detector = peak.
- 6. Sweep time = auto couple.
- 7. Trace mode = max hold.
- 8. Allow trace to fully stabilize.
- 9. Use the peak marker function to determine the maximum amplitude level.
- 10. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.
- 11. The resulting peak PSD level must be ≤ 8 dBm.

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9.4Test Result

EUT		3-Axis	S Intelligent (Stabilizer	Camera	Model	W	/i-710	
Mode	Mode K			ting	Input Voltage	DC	C14.8V	
Temperat	ure		24 deg. C,		Humidity	56% RH		
Channel	Re	Power ading	Cable Loss (dB)	Final Po	ower Spectral ty (dBm)	Maximum Limit (dBm)	Pass/ Fail	
Low	-1	6.85	0.2	-	16.65	8	Pass	
Middle	-1	6.66	0.2	-	16.46	8	Pass	
High	-1	6.74	0.2	0.2 -1		8	Pass	

Note: The result basic equation calculation as follow:

Peak Power Output = Peak Power Reading + Cable loss

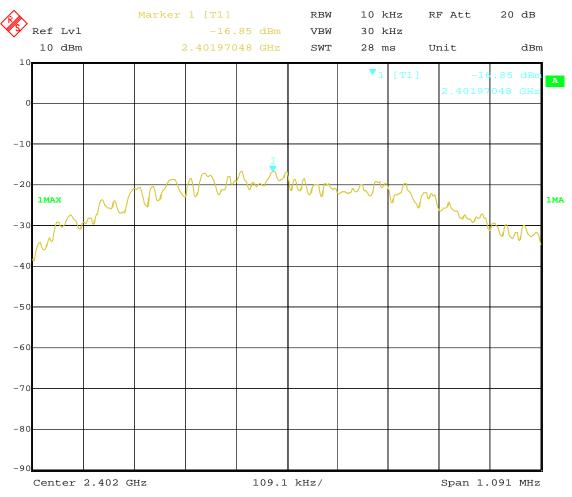
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Test Figure:

1. Condition: Low Channel



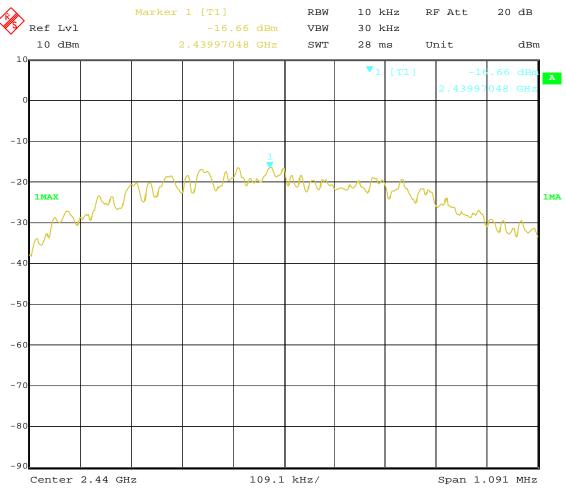
9.JAN.2020 16:27:38 Date:

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2. Condition: Middle Channel

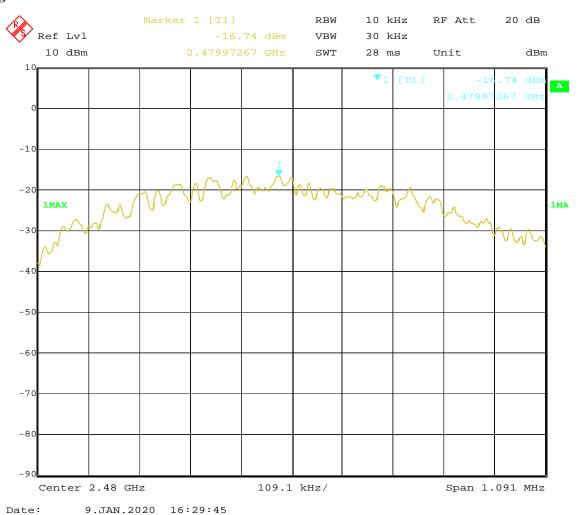


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3. High Channel

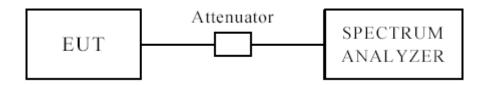


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10 Out of Band Measurement 10.1 Test Setup for band edge



The restricted band requirement based on radiated emission test; please see the clause 6 for the test setup

10.2 Limits of Out of Band Emissions Measurement

- 1. Below –20dB of the highest emission level of operating band (in 100kHz Resolution Bandwidth).
- 2. Fall in the restricted bands listed in section 15.205. The maximum permitted average field strength is listed in section 15.209.

10.3 Test Procedure

For signals in the restricted bands above and below the 2.4-2.483GHz allocated band a measurement was made of Radiated emission test. (Peak values with RBW=1MHz, VBW=3MHz and PK detector. AV value with RBW=1MHz, VBW=3MHz and RMS detector)

For bandage test, the spectrum set as follows: RBW=100 kHz, VBW=300 kHz. A conducted measurement used

10.4 Test Result

Please see next pages

Note: 1. For band-edge measurement, the frequency from 30MHz-25GHz was tested. And It met the FCC rule.

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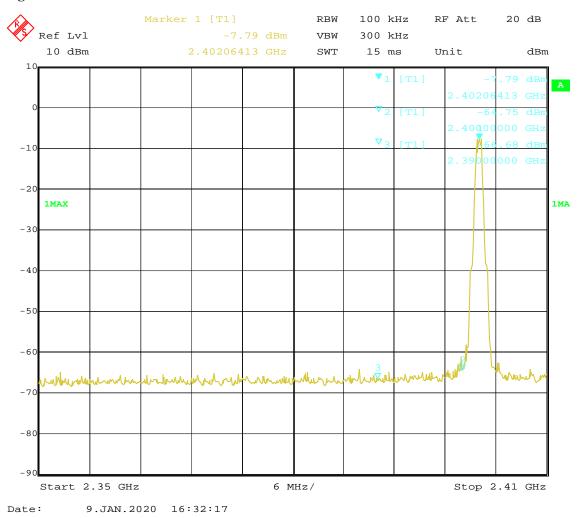
Date: 2020-01-13



10.4 Band-edge Measurement

EUT	3-Axis Intelligent Camera	Model	Wi-710
	Stabilizer		
Mode	Keep Transmitting	Input Voltage	DC14.8V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK

Test Figure:



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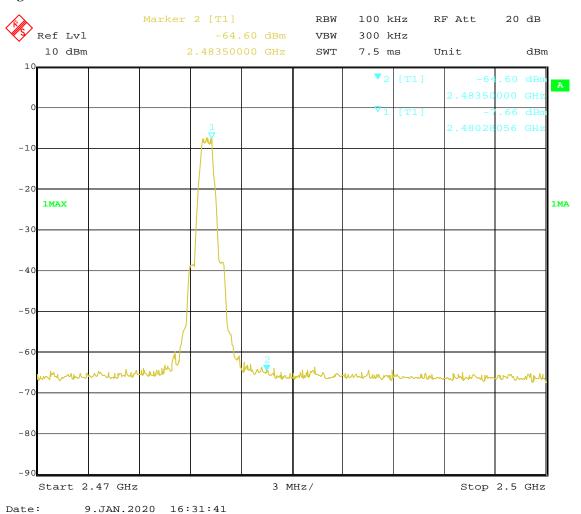
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10.4 Band-edge Measurement

EUT	3-Axis Intelligent Camera	Model	Wi-710
	Stabilizer		
Mode	Keeping Transmitting	Input Voltage	DC14.8V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK

Test Figure:



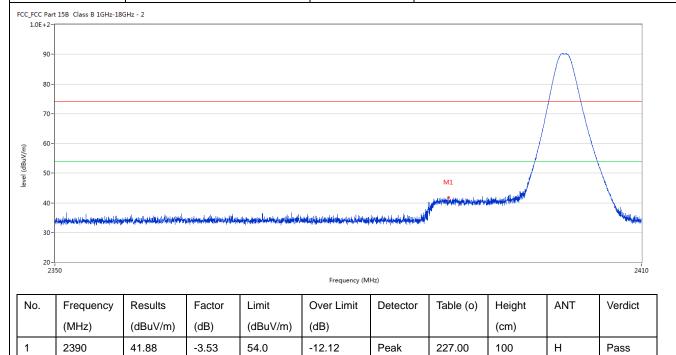
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10.4 Restrict Band Measurement

EUT	3-Axis Intelligent Camera	Model	Wi-710
	Stabilizer		
Mode	Keep Transmitting	Input Voltage	DC14.8V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass		



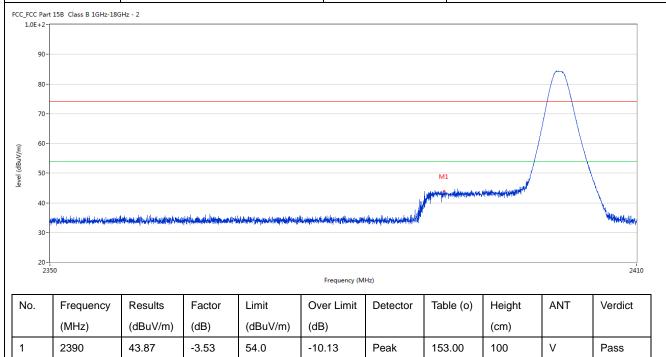
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10.4 Restrict Band Measurement

EUT	3-Axis Intelligent Camera	Model	Wi-710
	Stabilizer		
Mode	Keep Transmitting	Input Voltage	DC14.8V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass		



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		Restrict Band			Comono	Ma	del		77	7i-710		
	EU) 1	3-Axis Int		Camera	MO	dei		W	1-710		
			S	tabilizer								
	Mo	ode	Keep '	Transmit	ting	Input V	Input Voltage			120V~		
Te	empe	erature	24	deg. C,		Hum	idity		56	% RH		
Те	est R	lesult:		Pass								
		Class B 1GHz-18GHz	- 2									
1.0E+	+2-											
ġ	90-											
8	80-											
7	70-											
(m//n	60-				,	\						
level (dBuV/m)	50-					1						
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2	20- 2470					2483.5 Frequency (MI	4-)				2500	
			T		I			Γ		1	1	
No.		Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict	

No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)		
1	2483.039	50.25	-3.57	54.0	-3.75	Peak	241.00	100	Н	Pass

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10.4 Restrict Band Measurement

	F	EUT	3-Axis In	ntelligent	Camera	Model			Wi-710				
			S	Stabilizer									
	N.	Iode	Keep Transmitting 24 deg. C,			Input Volt	age	DC14.8V					
-	Гетр	perature				Humidi	.y		56%	RH			
	Test	Result:		Pass									
	CC Part 1	15B Class B 1GHz-18G	Hz - 2										
	90-			/									
	80-				$\overline{}$								
	70-												
level (dBuV/m)	60-												
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	30-												
	20-	0				2483.5					2500		
						Frequency (M	Hz)			•			
No).	Frequency	Results	Factor	Limit	Over Limit	Detector	Table (o)	Height	ANT	Verdict		
		(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)			(cm)				
1		2482.882	50.34	-3.57	54.0	-3.66	Peak	356.00	100	V	Pass		

Note: The measured PK value less than the AV limit, no necessary to take down the AV measurement result.

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11.0 Antenna Requirement

11.1 Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, 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.

And according to FCC 47 CFR Section 15.247 (b), if transmitter antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the mount in dB that the directional gain of the antenna exceeds 6 dBi.

11.2 Antenna Connected construction

Integral antenna used. The maximum gain of the antennas is 0dBi.

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12.0 FCC ID Label

FCC ID: 2AUU3-WI-710

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The label must not be a stick-on paper label. The label on these products must be permanently affixed to the product and readily visible at the time of purchase and must last the expected lifetime of the equipment not be readily detachable.

Mark Location:



Label Location

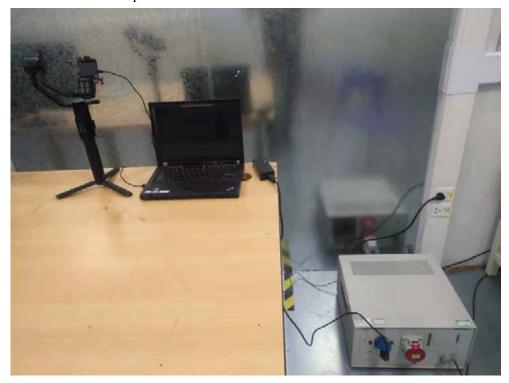
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13.0 Photo of testing

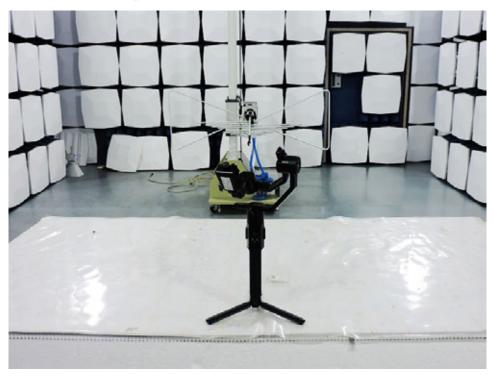
Conducted Emission Test Setup:

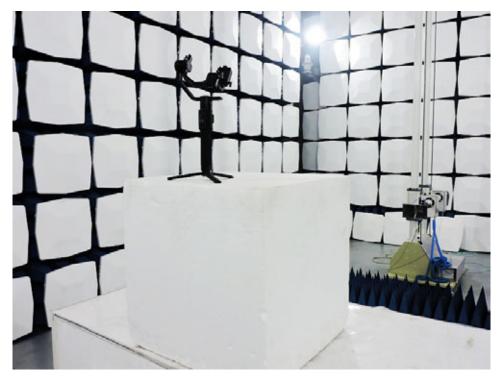


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Radiated Emission Test Setup:





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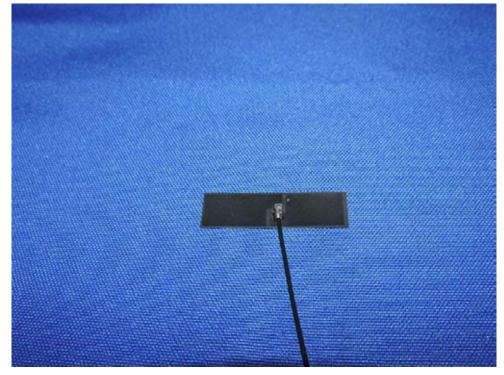
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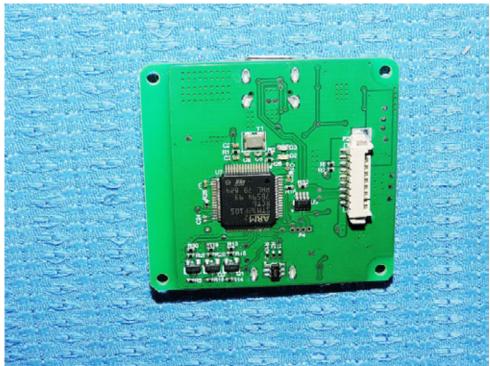
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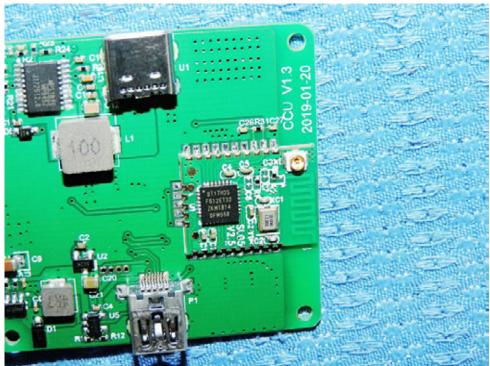
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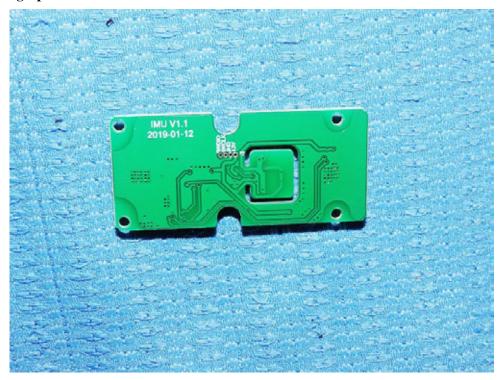
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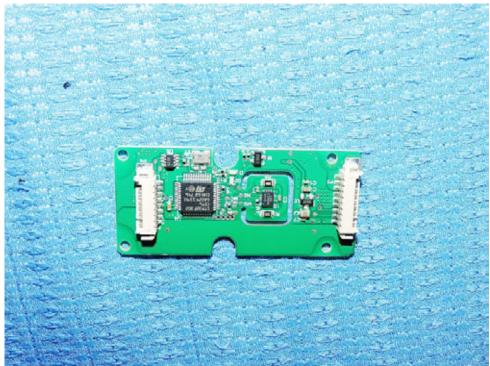
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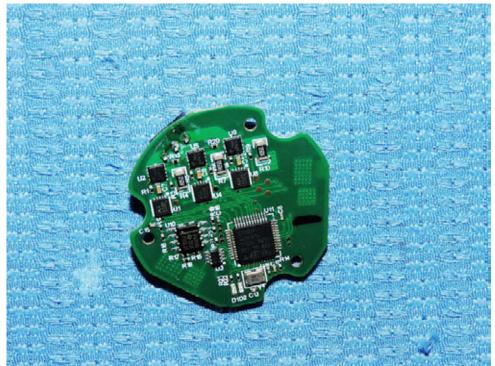
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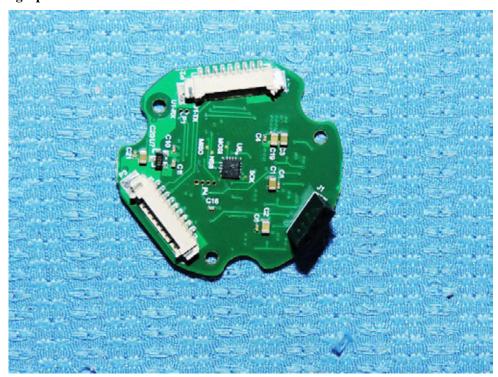
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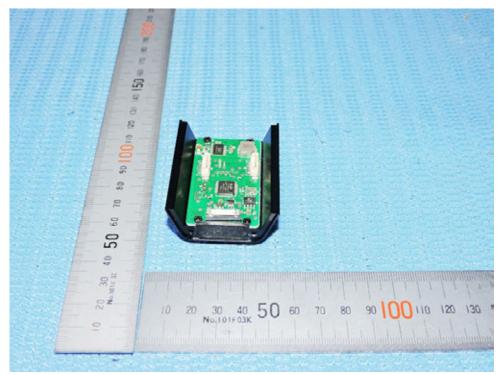


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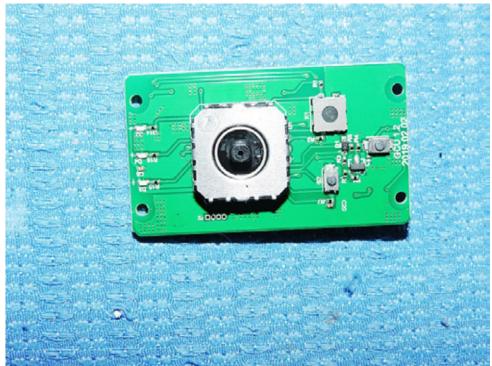
adopt any other remedies which may be appropriate.

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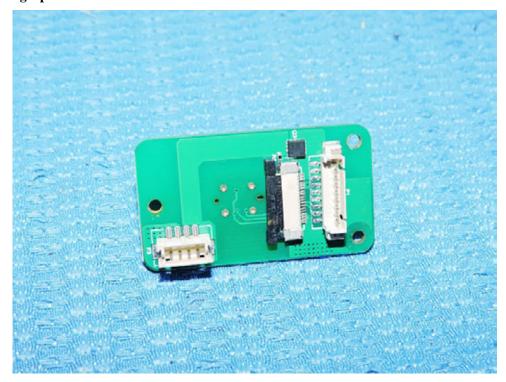
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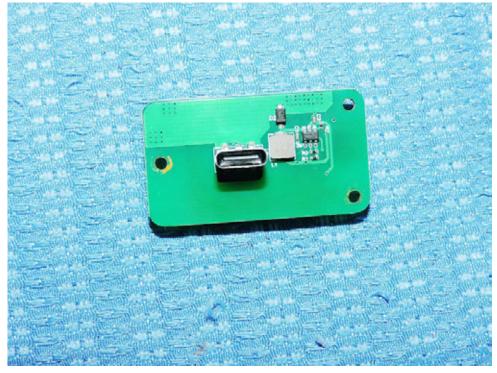
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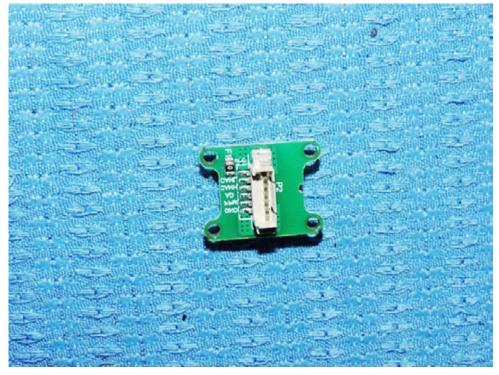
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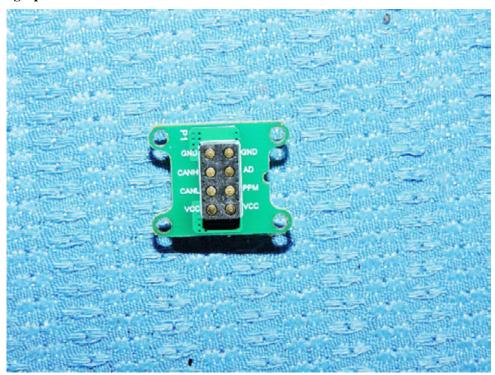
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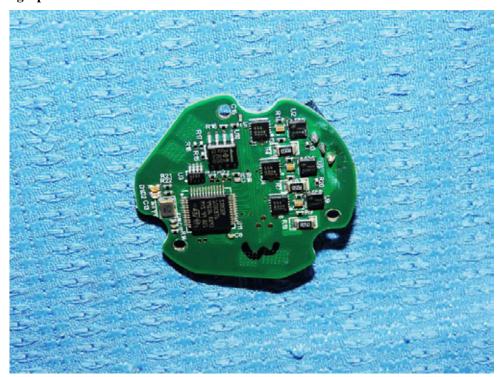
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End of the report