

廠商會檢定中心

### **TEST REPORT**

	Report No.	:	AW0056093(1)	Date:	03 Jul 2020
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Application No. : LW028506(0)

Applicant : CATEYE CO., LTD.

2-8-25 KUWAZU,

HIGASHI-SHIMIYOSHI-KU, OSAKA 546-0041, JAPAN

Sample Description : One(1) item of submitted sample stated to be **Sync Kinetic** 

of Model No. TL-NW100K

Rating : DC 3.7V Rechargeable battery

No. of submitted sample : Three (3) piece (s)

Date Received : 18 Jun 2020

Test Period : 22 Jun 2020 – 02 Jul 2020

Test Requested : FCC Certification for FCC Part 15, subpart C

Test Method : 47 CFR Part 15 (10-1-19 Edition),

ANSI C63.10 – 2013, ANSI C63.4 – 2014

Test Engineer : Mr. Leung Shu Kan, Ken

Conclusion : The submitted sample was found to comply with technical requirement of FCC

Part 15 Subpart C, section 15.247.

For and on behalf of

CMA Industrial Development Foundation Limited

Authorized Signature : Mr. WONG Lap-pong Andrew

G Lap-pong, Andrew Manager Page 1 of 48



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

#### **Table of Contents**

1 abie	or Contents	2
1 P1	roduct Information	3
1.1	General Information	3
1.2	Technical Information	3
1.3	Associated Electric Accessories Informatin	3
1.4	Associated Cables	3
2.0	Equipment Units Tested (EUT)	4
3.0	Location of Test Facility	4
4.0	List of test equipment, supporting equipment and cables	5
4.1	Test equipment	5
5.0	Measurement Uncertainty	6
6.0	Measurement	7
6.1	General Test condition	7
6.2	Output Power	8
6.	2.1 Measurement	8
6.	2.2 Final Result	
6.3	Power Spectral Density	9
6.	3.1 Measurement	9
6.	3.2 Final Result	9
6.4	6dB Bandwidth	. 10
6.	4.1 Measurement	. 10
6.	4.2 Final Result	
6.5	Band-edge measurement	. 11
6.	5.1 Measurement	. 11
6.	5.2 Final Result	
6.6	• • • • • • • • • • • • • • • • • • •	
6.	.6.1 Measurement	. 13
6.	.6.2 Final Result	
6.7	,	
6.	7.1 Measurement	. 14
6.	7.2 Final Result	
6.8	, , , , , , , , , , , , , , , , , , ,	
	8.1 Measurement	
6.	8.2 Final Result	
6.9	001000000	
	9.1 Measurement	
	9.2 Final Result	
V DDE	NDIX A Test Result	Δ1

FCC ID: ON5-TLNW100K

Page 2 of 48



廠商會檢定中心

### TEST REPORT

Report No. AW0056093(1) Date: 03 Jul 2020

#### 1 **Product Information**

#### **General Information**

Product Description:	Model:
Sync Kinetic	TL-NW100K

Primary function Bluetooth communication

Power supply DC 3.7V

RF related function Bluetooth communication

**NIL** Electric Accessories sold

with

Interconnection cable **NIL** 

associated sold with

Operating condition Not specified Model difference Not applicable

#### 1.2 **Technical Information**

Operating Frequency 2402 - 2480MHzDigital Modulation Widband modulation

Modulation **GFSK** 

Number of Channel 3 (2402MHz, 2426MHz, 2480MHz)

Channel Bandwidth 2MHz Occupied Bandwidth : 740.594kHz

Signal Type : Data Number of Antenna One

Antenna Type : PCB Type Antenna

Antenna Gain  $0.0 \, \mathrm{dBi}$ Rated Input Voltage DC 3.7V RF Technology Used **BLE** Simplex or Duplex Half-duplex

#### Associated Electric Accessories Informatin

**NIL** 

#### 1.4 **Associated Cables**

**NIL** 

FCC ID: ON5-TLNW100K

Page 3 of 48



### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

#### 2.0 Equipment Units Tested (EUT)

Product Description : Sync Kinetic Model : TL-NW100K Serial No. : Not specified

Sample Type : Production Sample and engineering sample

Sample No. : RW029414-006

Rationale of selection : Only one model number

### 3.0 Location of Test Facility

CMA Industrial Development Foundation Ltd. Room 1302, Yan Hing Centre, 9-13 Wong Chuk Yeung, Fo Tan, Shatin, New Territories Hong Kong.

FCC Accredited Lab (Designation Number: HK0004)



廠商會檢定中心

### **TEST REPORT**

Report No. AW0056093(1) 03 Jul 2020 Date:

#### 4.0 List of test equipment, supporting equipment and cables

### Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Calibration Due Date	Calibration Period		
EMI Test Receiver	Rohde & Schwarz	ESCI	100152	15 Jan 2021	1Year		
Spectrum Analyzer	R&S	FSV40	100964	29 Oct 2020	1Year		
Biconical Antenna	Rohde & Schwarz	HK116	837414/004	20 Oct 2020	2Years		
Log Periodic Antenna	Teseq	UPA6109	43666	20 Oct 2020	2Years		
Loop Antenna	EMCO	6502	00056620	29 Oct 2020	2Years		
Horn Antenna	Schwarzbeck	BBHA 9120D	9120D-531	02 Feb 2023	3Years		
Broadband Pre-Amplifier	Schwarzbeck	BBV 9718	9718-119	02 Feb 2023	3Years		
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170442	15 Sep 2021	2Years		
Broadband Pre-Amplifier	Schwarzbeck	BBV 9719	9719-010	12 Sep 2021	2Years		
Coaxial Cable	Schaffner	RG 213/U	N/A	07 May 2021	1Year		
Coaxial Cable	Suhner	RG 214/U	N/A	07 May 2021	1Year		
Coaxial Cable	Suhner	Sucoflex_104	N/A	14 Jan 2022	2Years		
LISN	Rohde & Schwarz	ENV216	101323	12 Jan 2021	1Year		
Coaxial Cable	Tyco Electronics	RG 58C/U	N/A	20 Oct 2020	1Year		
	Rohde & Schwarz TS8997 Testing System						
Spectrum Analyzer	Rohde & Schwarz	FSV 40	101190	30 Oct 2021	2Years		
Generator	Rohde & Schwarz	SMB100A	103230	24 Oct 2020	2Years		
OSP	Rohde & Schwarz	OSP	OSP120 V02	29 Jun 2021	2Years		



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

### 5.0 Measurement Uncertainty

The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%.

#### Radiated emissions

Rudiated emissions					
Frequency	Uncertainty (U <sub>lab</sub> )				
30MHz ~ 200MHz (Horizontal)	4.59dB				
30MHz ~ 200MHz (Vertical)	4.49dB				
200MHz ~1000MHz (Horizontal)	4.94dB				
200MHz ~1000MHz (Vertical)	4.97dB				
1GHz ~6GHz	4.52dB				
6GHz ~18GHz	4.58dB				

#### Line-conducted emissions

Frequency	Uncertainty (U <sub>lab</sub> )		
150kHz~30MHz	2.80dB		



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

#### 6.0 Measurement

6.1 General Test condition

Temperature : 21°C
Test Voltage : DC 3.7V
Humidity : 60%
Atmosphere Pressure : 102.1kPa

FCC ID: ON5-TLNW100K

Page 7 of 48



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

6.2 Output Power

6.2.1 Measurement

Requirement : FCC Part 15 §15.247(b) (1)

Measuring procedure : ANSI C63.10:2013, section 11.9.1

Hopping mode : Disable Modulation tested : GFSK

Channel tested for non-

: 2402MHz, 2426MHz, 2480MHz

hopping mode

: Nil

Additional measuring

ditional measuring :

procedure Remark

: Nil

6.2.2 Final Result

Maximum peak conducted output power

Maximum peak conducted output	Limit(s)	Result	Modulation
power			
-1.2dBm	≤30.0dBm	PASS	GFSK

Remark: Detail test result and equipment setting refer to appendix A, A3, A10, A14.

FCC ID: ON5-TLNW100K

Page 8 of 48



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

6.3 Power Spectral Density

6.3.1 Measurement

Requirement : FCC Part 15 §15.247(a)

Measuring procedure : ANSI C63.10:2013, section 11.10

Hopping mode : Disable Modulation tested : GFSK

Channel tested for non-

: 2402MHz, 2426MHz, 2480MHz

hopping mode

Additional measuring

Nil

procedure

Remark : Nil

6.3.2 Final Result

Maximum peak conducted output power

Maximum peak conducted output	Limit(s)	Result	Modulation
power			
-7.1dBm	≤8.0dBm	PASS	GFSK

Remark: 1) Detail test result and equipment setting refer to appendix A, A6, A13, A17.



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

6.4 6dB Bandwidth

6.4.1 Measurement

Requirement : FCC Part 15 §15.247(a)

Measuring procedure : ANSI C63.10:2013, section 11.8

Hopping mode : Disable Modulation tested : GFSK

Channel tested for non-

: 2402MHz, 2426MHz, 2480MHz

hopping mode

Additional measuring

: Nil

procedure Remark

: Nil

6.4.2 Final Result

Maximum peak conducted output power

6dB bandwidth	Limit(s) <sup>1</sup>	Result	Modulation
740.594kHz	≥500kHz	PASS	GFSK

Remark: 1) Detail test result and equipment setting refer to appendix A, A4, A5, A11, A12, A15, A16

FCC ID: ON5-TLNW100K

Page 10 of 48



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

6.5 Band-edge measurement

6.5.1 Measurement

Requirement : FCC Part 15 §15.247(d)

Measuring procedure : ANSI C63.10:2013, section 11.13 and 6.10

Hopping mode : Disable RBW : 100kHz VBW : 300kHz

Frequency range : 2310 - 2483.5 MHz and 2400 - 2500 MHz

Modulation tested : GFSK

Channel tested for non:

hopping mode

Additional measuring

procedure

2402MHz for lowed band edge and 2480MHz for higher band

edge

: For lower band edge (2400MHz)

- 1. Using the "Measurement 1" setting shown below the scan plot within the frequency span from 2400 2483.5MHz to measure the maximum peak value of fundamental
- 2. Using the "Measurement 2" setting shown below the scan plot within the frequency span from 2310 2400MHz to measure the bandedge reading
- 3. Compare that reading in procedure with the limit which equal to the measured maximum peak in procedure 1 minus 20dB

#### For Upper bandedge (2483.5MHz)

- 1. Using the "Measurement 1" setting shown below the scan plot within the frequency span from 2400 2483.5MHz to measure the maximum peak value of fundamental
- 2. Using the "Measurement 2" setting shown below the scan plot within the frequency span from 2483.5 2500MHz to measure the bandedge reading
- 3. Compare that reading in procedure with the limit which equal to the measured maximum peak in procedure 1 minus 20dB

FCC ID: ON5-TLNW100K

Page 11 of 48



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

#### 6.5.2 Final Result

Bandedge frequency	Worst	Detector	Limit <sup>1</sup>	Result	Worst case
for lower bandedge	case		(dBc)		
(Worst Case)	$(dBc)^2$				
2399.975000MHz	36.5	Peak	≥20.0	PASS	GFSK
Bandedge frequency	Worst	Detector	Limit <sup>1</sup>	Result	Worst case
for higher bandedge	case in				
(Worst Case)	$(dBc)^2$				
2483.525000MHz	46.0	Peak	≥20.0	PASS	GFSK

Remark: 1) The limit is based on the transmitter demonstrated compliance with peak conducted power limit on section 6.2.2 of this report.

- 2) The Worst case dBc is the peak values measured in procedure 1 minus the worst case bandedge emission
- 3) Detail test result and equipment setting refer to appendix A, A7-9, A18-20.



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

6.6 Conducted Spurious emission (Transmitter)

6.6.1 Measurement

Requirement : FCC Part 15 §15.247(d)

Measuring procedure : ANSI C63.10:2013, section 5.5, 5.6, 7.8.8 and 11.12.2.1

Hopping mode : Disable

RBW : Refer to pre-measurement and final measurement setting
Detector : Refer to pre-measurement and final measurement setting

Modulation tested : GFSK

Channel tested for non-

hopping mode

Additional measuring

procedure

1) Setup engineering sample to channel 2402MHz to perform the measurement according to ANSI C63.10, section 7.8.8 with pro measurement setting

with pre-measurement setting

2402MHz, 2426MHz, 2480MHz

2) If the pre-measurement is over the limit, the final measurement is performed for the specific frequency according to final measurement setting or restricted band frequency

- 3) For non-restricted band frequency, peak detector and 100kHz RBW will be used for final measurement.
- 4) Repeat the procedure 1 to 3 for channel frequency of 2426MHz and 2480MHz

Remark : Nil

#### 6.6.2 Final Result

Worst case spurious emission frequency	Worst case spurious emission power <sup>1</sup>	Limit <sup>2</sup>	Margin	Result	Worst case mode
4803.625000MHz	-41.5dBm	-23.6dBm	17.9dB	PASS	GFSK

Remark: 1) Spurious emission power = measured conducted power + antnenna gain(dBi) +ground reflection factor according to ANSI C63.10 section 11.12.2.2 for restricted band emission.

- 2) For restricted band emission, limit = restricted band field strength limit (dBuV/m) + 4.7dB 104.8dB according to ANSI C63.10 section 11.12.2.2 For non-restricted band , limit = SPD/100kHz 20dB.
- 3) Detail test result and equipment setting refer to appendix A, A21-26.

FCC ID: ON5-TLNW100K

Page 13 of 48



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

6.7 Radiated Spurious emission (Transmitter)

#### 6.7.1 Measurement

The equipment under test (EUT) was placed on a non-conductive turntable with dimensions of 1.5m x 0.4m and 0.8m high above the ground for below 1GHz measurement and 1.5m high above the ground for above 1GHz measurement. 3m from the EUT, a broadband antenna mounting on the mast received the signal strength. The turntable was rotated to maximize the emission level. The antenna was then moving along the mast from 1m up to 4m until no more higher value was found. Both horizontal and vertical polarization of the antenna were placed and investigated.

For below 30MHz, a loop antenna with its vertical plane is placed 3m from the EUT and rotated about its vertical axis for maximum response at each azimuth about the EUT. And the centre of the loop shall be 1 m above the ground.

For 30MHz to 300MHz, biconical antenna with its vertical and horizontal plane is placed 3m from the EUT and rotated about its vertical and horizontal axis for maximum response at each azimuth about the EUT. And the reference point of antenna shall be 1 m above the ground. Same procedure for frequency 300MHz to 1000MHz but Log-periodic antenna is used for final measurements.

For above 1GHz, horn antenna with its vertical and horizontal plane is placed 3m from the EUT and rotated about its vertical and horizontal axis for maximum response at each azimuth about the EUT. Preamplifier and High Pass filter was used for measurements. The reference point of antenna shall be 1 m above the ground.

The device was rotated through three X, Y, Z orthogonal to determine which attitude and configuration produce the highest emission during measurement for Radiated Emission measurement.

The Frequencies from fundamental up to the tenth harmonics were investigated, and emissions more 20dB below limit were not reported.

FCC ID: ON5-TLNW100K

Page 14 of 48



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

6.7.2 Final Result

Test mode: Transmission mode

Polarization	Frequency (MHz)	Reading at 3m (dBµV)	Transducer Factor (dB/m)	Field Strength at 3m <sup>1</sup> (dBµV/m)	Limit at 3m (dBµV/m)	Margin (dB)	Detector (PK/ QP/AV)
Н	2400.000	58.5	-4.6	53.9	54.0	-0.1	PK
V	2400.000	61.1	-4.6	56.5	74.0	-17.5	PK
V	2400.000	37.1	-4.6	32.5	54.0	-21.5	AV
Н	2483.500	49.9	-4.6	45.3	54.0	-8.7	PK
V	2483.500	50.1	-4.6	45.5	54.0	-8.5	PK
Н	4803.596	49.7	3.2	52.9	54.0	-1.1	PK
V	4803.592	54.8	3.2	58.0	74.0	-16.0	PK
V	4804.016	41.1	3.2	44.3	54.0	-9.7	AV
Н	4851.648	51.5	3.2	54.7	74.0	-19.3	PK
Н	4852.000	38.5	3.2	41.7	54.0	-12.3	AV
V	4851.612	54.8	3.2	58.0	74.0	-16.0	PK
V	4852.000	41.0	3.2	44.2	54.0	-9.8	AV
Н	4960.604	51.1	3.8	54.9	74.0	-19.1	PK
Н	4959.997	37.6	3.8	41.4	54.0	-12.6	AV
V	4960.556	54.8	3.8	58.6	74.0	-15.4	PK
V	4960.000	41.3	3.8	45.1	54.0	-8.9	AV
Н	7205.428	47.9	10.4	58.3	74.0	-15.7	PK
Н	7205.556	33.3	10.4	43.7	54.0	-10.3	AV
V	7206.904	46.0	10.4	56.4	74.0	-17.6	PK
V	7205.560	31.5	10.4	41.9	54.0	-12.1	AV
Н	7278.984	46.5	10.4	56.9	74.0	-17.1	PK
Н	7277.560	32.3	10.4	42.7	54.0	-11.3	AV
V	7277.448	47.6	10.4	58.0	74.0	-16.0	PK
V	7277.576	32.9	10.4	43.3	54.0	-10.7	AV

FCC ID: ON5-TLNW100K

Page 15 of 48



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

6.7.2 Final Result (Cont'd)

Test mode: Transmission mode

Polarization	Frequency (MHz)	Reading at 3m (dBµV)	Transducer Factor (dB/m)	Field Strength at 3m <sup>1</sup> (dBµV/m)	Limit at 3m (dBµV/m)	Margin (dB)	Detector (PK/ QP/AV)
Н	7439.419	42.1	10.4	52.5	54.0	-1.5	PK
V	7439.352	44.0	10.4	54.4	74.0	-19.6	PK
V	7439.532	30.3	10.4	40.7	54.0	-13.3	AV
Н	9607.172	45.0	13.7	58.7	74.0	-15.3	PK
Н	9607.424	30.0	13.7	43.7	54.0	-10.3	AV
V	9607.200	44.3	13.7	58.0	74.0	-16.0	PK
V	9607.464	29.6	13.7	43.3	54.0	-10.7	AV
Н	9703.160	43.1	13.7	56.8	74.0	-17.2	PK
Н	9703.460	29.1	13.7	42.8	54.0	-11.2	AV
V	9703.220	43.0	13.7	56.7	74.0	-17.3	PK
V	9703.390	28.5	13.7	42.2	54.0	-11.8	AV
V	9919.150	38.5	13.7	52.2	54.0	-1.8	PK

Remark: 1) Field Strength = Reading + transducer factor.

- 2) Other emission with more than 20dB margin are not reported in this report.
- 3) For emission above 1GHz, the Peak test data is compared with Average limit if the Peak measured is lower than Average limit.



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

6.8 Radiated Spurious emission (Receiver)

6.8.1 Measurement

The equipment under test (EUT) was placed on a non-conductive turntable with dimensions of 1.5m x 0.4m and 0.8m high above the ground for below 1GHz measurement and 1.5m high above the ground for above 1GHz measurement. 3m from the EUT, a broadband antenna mounting on the mast received the signal strength. The turntable was rotated to maximize the emission level. The antenna was then moving along the mast from 1m up to 4m until no more higher value was found. Both horizontal and vertical polarization of the antenna were placed and investigated.

For below 30MHz, a loop antenna with its vertical plane is placed 3m from the EUT and rotated about its vertical axis for maximum response at each azimuth about the EUT. And the centre of the loop shall be 1 m above the ground.

For 30MHz to 300MHz, biconical antenna with its vertical and horizontal plane is placed 3m from the EUT and rotated about its vertical and horizontal axis for maximum response at each azimuth about the EUT. And the reference point of antenna shall be 1 m above the ground. Same procedure for frequency 300MHz to 1000MHz but Log-periodic antenna is used for final measurements.

For above 1GHz, horn antenna with its vertical and horizontal plane is placed 3m from the EUT and rotated about its vertical and horizontal axis for maximum response at each azimuth about the EUT. Preamplifier and High Pass filter was used for measurements. The reference point of antenna shall be 1 m above the ground.

The device was rotated through three X, Y, Z orthogonal to determine which attitude and configuration produce the highest emission during measurement for Radiated Emission measurement.

The Frequencies from fundamental up to the tenth harmonics were investigated, and emissions more 20dB below limit were not reported.

Bluetooth receiving mode is selected for spurious radiated emission test from cabinet.

FCC ID: ON5-TLNW100K

Page 17 of 48



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

6.8.2 Final Result

Test mode: Receiving mode (2402MHz)

Test mode. Receiving mode (2 1021/112)							
Polarization	Frequency (MHz)	Reading at 3m (dBµV)	Transducer Factor (dB/m)	Field Strength at 3m <sup>1</sup> (dBµV/m)	Limit at 3m (dBµV/m)	Margin (dB)	Detector (PK/ QP/AV)
Н	56.992	4.1	10.4	14.5	40.0	-25.5	QP
Н	106.281	9.2	11.2	20.4	43.5	-23.1	QP
Н	161.218	5.0	14.2	19.2	43.5	-24.3	QP
Н	213.917	3.8	14.5	18.3	43.5	-25.2	QP
Н	257.439	7.9	14.5	22.4	46.0	-23.6	QP
Н	313.875	7.6	16.9	24.5	46.0	-21.5	QP
Н	347.501	9.1	16.9	26.0	46.0	-20.0	QP

Remark: 1) Field Strength = Reading + transducer factor.

2) Other emission with more than 20dB margin are not reported in this report.

Test mode: Receiving mode (2426MHz)

Polarization	Frequency (MHz)	Reading at 3m (dBµV)	Transducer Factor (dB/m)	Field Strength at 3m <sup>1</sup> (dBµV/m)	Limit at 3m (dBµV/m)	Margin (dB)	Detector (PK/ QP/AV)
Н	66.715	4.4	10.0	14.4	40.0	-25.6	QP
Н	131.182	8.2	12.6	20.8	43.5	-22.7	QP
Н	182.193	3.0	15.3	18.3	43.5	-25.2	QP
Н	232.417	5.3	14.5	19.8	46.0	-26.2	QP
Н	265.937	8.2	14.5	22.7	46.0	-23.3	QP
Н	305.674	7.2	16.9	24.1	46.0	-21.9	QP
Н	349.973	9.2	16.9	26.1	46.0	-19.9	QP

Remark: 1) Field Strength = Reading + transducer factor.

2) Other emission with more than 20dB margin are not reported in this report.



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

Test mode: Receiving mode (2480MHz)

Polarization	Frequency (MHz)	Reading at 3m (dBµV)	Transducer Factor (dB/m)	Field Strength at 3m <sup>1</sup> (dBµV/m)	Limit at 3m (dBµV/m)	Margin (dB)	Detector (PK/ QP/AV)
Н	65.394	4.3	10.0	14.3	40.0	-25.7	QP
Н	138.639	7.8	12.6	20.4	43.5	-23.1	QP
Н	181.544	3.0	15.3	18.3	43.5	-25.2	QP
Н	253.885	7.7	14.5	22.2	46.0	-23.8	QP
Н	269.932	8.3	14.5	22.8	46.0	-23.2	QP
Н	317.319	7.7	16.9	24.6	46.0	-21.4	QP
Н	345.365	9.0	16.9	25.9	46.0	-20.1	QP

Remark: 1) Field Strength = Reading + transducer factor.

2) Other emission with more than 20dB margin are not reported in this report.



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

#### 6.9 Conducted Emission

#### 6.9.1 Measurement

Requirement : FCC Part 15 §15.207(a) and RSS-Gen, clause 8.8

Measuring procedure : ANSI C63.4:2014, section 7.3

Test mode : Charging mode

RBW : 9kHz VBW : 30kHz Modulation tested : GFSK<sup>1</sup> Additional measuring : Nil

procedure

Remark : Nil

#### 6.9.2 Final Result

Worst case conducted emission	Worst case conducted emission	Limit	Margin	Detector	Lines	Worst case mode	Result
frequency	Cimporon						
17.8295MHz	48.4dBμV	60.00dBµV	-11.52dB	QP	N	Charging	PASS

Remark: 1) Detail test result and equipment setting refer to appendix A, A27, A28.



### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

### **APPENDIX A Test Result**

FCC ID: ON5-TLNW100K

Page A1 of 48



### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

### FCC Part 47 §15.247 2400-2483.5 MHz 2016

Frequencies

2402 MHz (2402 MHz) 2426 MHz (2426 MHz) 2480 MHz (2480 MHz)

### Hardware Setup: WMS Measurements\WMS Hardware Setup

Spectrum Analyzer: SA FSV 40 (SA FSV 40) @ VISA (ADR

TCPIP::192.168.48.148::INST0::INSTR), SN

1321.3008K39/101190, FW 2.30 SP4

Vector Generator: VG SMBV100A (VG SMBV100A) @ VISA (ADR

TCPIP::192.168.48.149::INST0::INSTR), SN 262024, FW 5.1.0

Generator: SMB100A (SMB100A) @ VISA (ADR

TCPIP::192.168.48.152::INST0::INSTR), SN 103230, FW Rev

2.20.1, 08/2012, CVI 2009

OSP: TS8997 OSP (OSP) @ VISA (ADR

TCPIP::192.168.48.147::INST0::INSTR), SN OSP120 V02,

101611, FW 2.55.150506

Power Meter: OSP-B157 Power Meter (OSP-B157 Power Meter) @ USB (ADR

20), SN 27873972, FW 3.1



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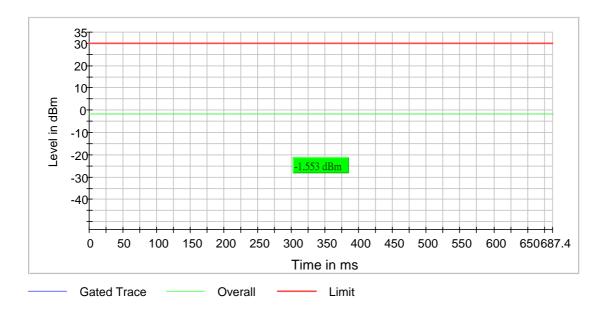
### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

### RF output power (2402 MHz)

### Result

DUT Frequency (MHz)	Gated EIRP (dBm)	Limit Max (dBm)	DutyCycle (%)	Result
2402.000000	-1.6	30.0	68.624	PASS





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### **TEST REPORT**

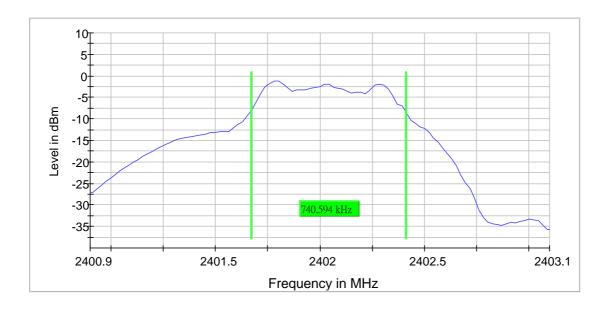
Report No. : AW0056093(1) Date : 03 Jul 2020

### Minimum Emission Bandwidth 6 dB

### 6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	0.740594	0.500000		2401.673267	2402.413861

DUT Frequency (MHz)	Max Level (dBm)	Result
2402.000000	-1.2	PASS



#### Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40090 GHz	2.40090 GHz
Stop Frequency	2.40310 GHz	2.40310 GHz
Span	2.200 MHz	2.200 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 22
Sweeptime	19.009 µs	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB

FCC ID: ON5-TLNW100K

Page A4 of 48



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

Run	8 / max. 150	max. 150
Stable	5/5	5
Max Stable Difference	0.00 dB	0.50 dB

FCC ID: ON5-TLNW100K

Page A5 of 48



廠商會檢定中心

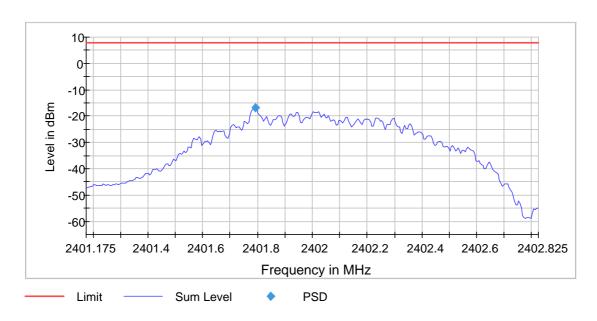
### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

### **Power Spectral Density (2402 MHz)**

### Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2402.000000	2401.792500	-16.742	8.0	PASS



#### Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40118 GHz	2.40118 GHz
Stop Frequency	2.40283 GHz	2.40283 GHz
Span	1.650 MHz	1.650 MHz
RBW	10.000 kHz	<= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	330	~ 330
Sweeptime	1.650 s	1.650 s
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	RMS	RMS
SweepCount	1	1
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	4 / max. 150	max. 150
Stable	3/3	3
Max Stable Difference	0.16 dB	0.50 dB

FCC ID: ON5-TLNW100K

Page A6 of 48



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

### Band Edge low (2402 MHz)

### Result

DUT Frequency (MHz)	Result
2402.000000	PASS

### **Inband Peak**

Frequency	Level
(MHz)	(dBm)
2401.825000	-3.5

#### Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
2399,975000	-40.2	16.8	-23.5	PASS
2399.925000	-41.5	18.0	-23.5	PASS
2399.725000	-42.1	18.7	-23.5	PASS
2399.675000	-42.5	19.0	-23.5	PASS
2399.625000	-42.5	19.1	-23.5	PASS
2399.775000	-42.5	19.1	-23.5	PASS
2399.875000	-42.7	19.3	-23.5	PASS
2399.575000	-42.9	19.5	-23.5	PASS
2399.525000	-43.4	20.0	-23.5	PASS
2399.475000	-43.4	20.0	-23.5	PASS
2399.325000	-43.9	20.4	-23.5	PASS
2399.375000	-43.9	20.4	-23.5	PASS
2399.425000	-44.0	20.5	-23.5	PASS
2399.275000	-44.1	20.7	-23.5	PASS
2399.825000	-44.4	20.9	-23.5	PASS

FCC ID: ON5-TLNW100K

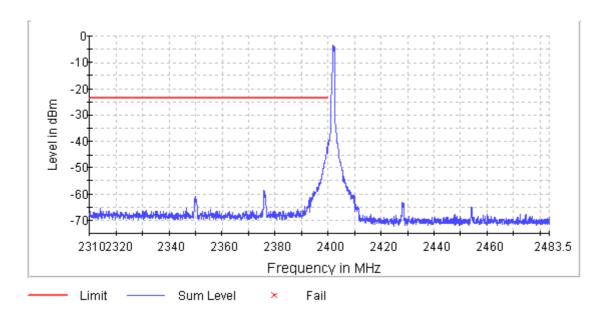
Page A7 of 48



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020



### **Measurement 1**

Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
Sweeptime	1.800 ms	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	8 / max. 150	max. 150
Stable	3/3	3
Max Stable Difference	0.49 dB	0.50 dB

### **Measurement 2**

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz

FCC ID: ON5-TLNW100K

Page A8 of 48



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

SweepPoints	1670	~ 1670
Sweeptime	1.670 ms	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	6 / max. 150	max. 150
Stable	3/3	3
Max Stable Difference	0.24 dB	0.50 dB

FCC ID: ON5-TLNW100K

Page A9 of 48



廠商會檢定中心

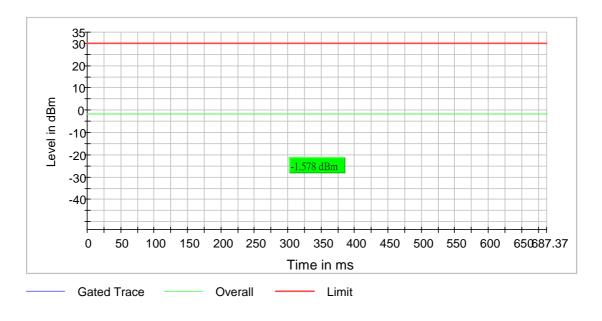
### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

### RF output power (2426 MHz)

### Result

DUT Frequency (MHz)	Gated EIRP (dBm)	Limit Max (dBm)	DutyCycle (%)	Result
2426.000000	-1.6	30.0	68.621	PASS





廠商會檢定中心

### **TEST REPORT**

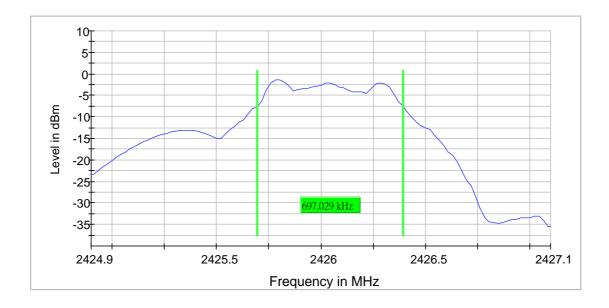
Report No. : AW0056093(1) Date : 03 Jul 2020

### Minimum Emission Bandwidth 6 dB

### 6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2426.000000	0.697029	0.500000		2425.695050	2426.392079

DUT Frequency (MHz)	Max Level (dBm)	Result
2426.000000	-1.4	PASS



### Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.42490 GHz	2.42490 GHz
Stop Frequency	2.42710 GHz	2.42710 GHz
Span	2.200 MHz	2.200 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 22
Sweeptime	19.009 µs	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB

FCC ID: ON5-TLNW100K

Page A11 of 48



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

Run	9 / max. 150	max. 150
Stable	5/5	5
Max Stable Difference	0.24 dB	0.50 dB

FCC ID: ON5-TLNW100K

Page A12 of 48



廠商會檢定中心

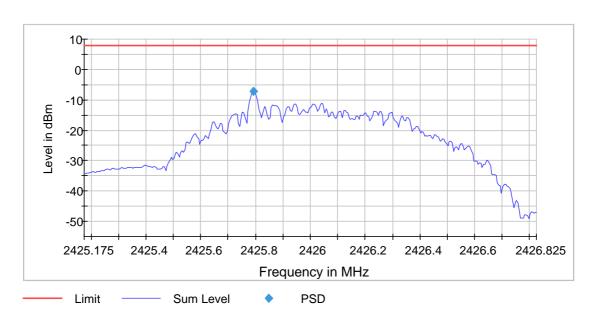
### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

### **Power Spectral Density (2426 MHz)**

### Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2426.000000	2425.792500	-7.159	8.0	PASS



#### Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.42518 GHz	2.42518 GHz
Stop Frequency	2.42683 GHz	2.42683 GHz
Span	1.650 MHz	1.650 MHz
RBW	10.000 kHz	<= 10.000 kHz
VBW	30.000 kHz	>= 30.000 kHz
SweepPoints	330	~ 330
Sweeptime	1.650 ms	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	6 / max. 150	max. 150
Stable	2/2	2
Max Stable Difference	0.31 dB	0.50 dB

FCC ID: ON5-TLNW100K

Page A13 of 48



廠商會檢定中心

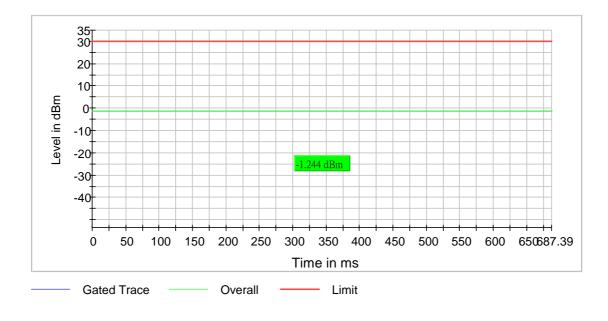
### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

### RF output power (2480 MHz)

### Result

DUT Frequency (MHz)	Gated EIRP (dBm)	Limit Max (dBm)	DutyCycle (%)	Result
2480.000000	-1.2	30.0	68.623	PASS





廠商會檢定中心

### **TEST REPORT**

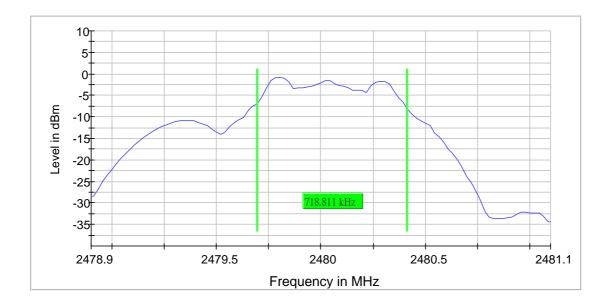
Report No. : AW0056093(1) Date : 03 Jul 2020

#### Minimum Emission Bandwidth 6 dB

### 6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2480.000000	0.718811	0.500000		2479.695050	2480.413861

DUT Frequency (MHz)	Max Level (dBm)	Result
2480.000000	-0.9	PASS



#### Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.47890 GHz	2.47890 GHz
Stop Frequency	2.48110 GHz	2.48110 GHz
Span	2.200 MHz	2.200 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 22
Sweeptime	19.009 µs	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB

FCC ID: ON5-TLNW100K

Page A15 of 48



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

Run	8 / max. 150	max. 150
Stable	5/5	5
Max Stable Difference	0.11 dB	0.50 dB

FCC ID: ON5-TLNW100K

Page A16 of 48



廠商會檢定中心

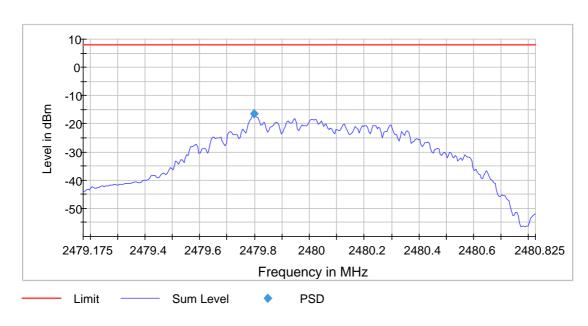
### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

### **Power Spectral Density (2480 MHz)**

### Result

DUT Frequency (MHz)	Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2480.000000	2479.797500	-16.502	8.0	PASS



#### Measurement

Setting	Instrument Value	Target Value		
Start Frequency	2.47918 GHz	2.47918 GHz		
Stop Frequency	2.48083 GHz	2.48083 GHz		
Span	1.650 MHz	1.650 MHz		
RBW	10.000 kHz	<= 10.000 kHz		
VBW	30.000 kHz	>= 30.000 kHz		
SweepPoints	330	~ 330		
Sweeptime	1.650 s	1.650 s		
Reference Level	-10.000 dBm	-10.000 dBm		
Attenuation	10.000 dB	AUTO		
Detector	RMS	RMS		
SweepCount	1	1		
Filter	3 dB	3 dB		
Trace Mode	Max Hold	Max Hold		
Sweeptype	Sweep	Sweep		
Preamp	off	off		
Stablemode	Trace	Trace		
Stablevalue	0.50 dB	0.50 dB		
Run	4 / max. 150	max. 150		
Stable	3/3	3		
Max Stable Difference	0.22 dB	0.50 dB		

FCC ID: ON5-TLNW100K

Page A17 of 48



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

### Band Edge high (2480 MHz)

### Result

DUT Frequency (MHz)	Result
2480.000000	PASS

### **Inband Peak**

Frequency	Level		
(MHz)	(dBm)		
2479.825000	-3.6		

#### **Measurements**

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Frequency	Level	Margin	Limit	Result		
(MHz)	(dBm)	(dB)	(dBm)			
2483.525000	-49.6	26.0	-23.6	PASS		
2483.575000	-49.9	26.3	-23.6	PASS		
2483.625000	-50.4	26.8	-23.6	PASS		
2483.675000	-50.8	27.2	-23.6	PASS		
2483.725000	-51.1	27.5	-23.6	PASS		
2483.825000	-51.3	27.7	-23.6	PASS		
2483.775000	-51.4	27.8	-23.6	PASS		
2483.875000	-51.4	27.8	-23.6	PASS		
2483.925000	-51.8	28.2	-23.6	PASS		
2483.975000	-52.4	28.8	-23.6	PASS		
2484.025000	-52.5	28.9	-23.6	PASS		
2484.075000	-52.9	29.3	-23.6	PASS		
2484.125000	-53.7	30.1	-23.6	PASS		
2484.275000	-53.9	30.3	-23.6	PASS		
2484.225000	-53.9	30.3	-23.6	PASS		

FCC ID: ON5-TLNW100K

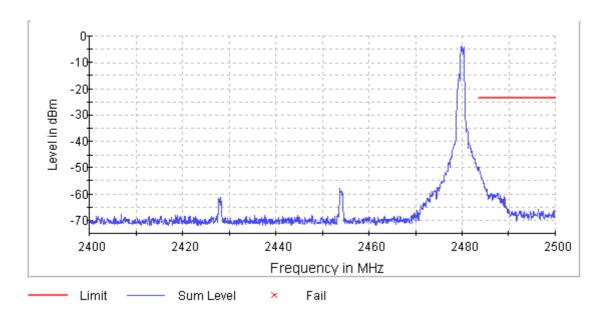
Page A18 of 48



廠商會檢定中心

## **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020



### **Measurement 1**

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
Sweeptime	1.670 ms	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	6 / max. 150	max. 150
Stable	3/3	3
Max Stable Difference	0.16 dB	0.50 dB

### **Measurement 2**

Setting	Instrument Value	Target Value
Start Frequency	2.48350 GHz	2.48350 GHz
Stop Frequency	2.50000 GHz	2.50000 GHz
Span	16.500 MHz	16.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz

FCC ID: ON5-TLNW100K

Page A19 of 48



廠商會檢定中心

## **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

SweepPoints	330	~ 330
Sweeptime	37.969 µs	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	5 / max. 150	max. 150
Stable	3/3	3
Max Stable Difference	0.00 dB	0.50 dB

FCC ID: ON5-TLNW100K

Page A20 of 48



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

### **Tx Spurious Emission (2402 MHz)**

## Result Inband Peak

Frequency	Level
(MHz)	(dBm)
2402.000	-3.6

### **Final measurements**

Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result

#### **Pre Measurements**

i io mododiomonio					
Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)		
4803.625000	-41.5	17.9	-23.6		
4803.575000	-41.9	18.3	-23.6		
2399.675000	-42.3	18.7	-23.6		
2399.725000	-42.3	18.7	-23.6		
4804.625000	-42.7	19.1	-23.6		
4804.575000	-43.0	19.4	-23.6		
2399.775000	-43.2	19.6	-23.6		
2399.625000	-43.2	19.6	-23.6		
4803.675000	-43.3	19.7	-23.6		
4804.675000	-43.4	19.8	-23.6		
4803.525000	-43.7	20.1	-23.6		
2399.425000	-43.7	20.1	-23.6		
2399.475000	-43.7	20.1	-23.6		
4804.125000	-43.9	20.3	-23.6		
4804.075000	-44.4	20.8	-23.6		

**Measurement Settings** 

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
30.000000	1500.000000	1	1
1500.000000	2400.000000	1	1
2400.000000	2483.500000	1	1
2483.500000	3983.500000	1	1
3983.500000	5483.500000	1	1
5483.500000	6983.500000	1	1
6983.500000	8483.500000	1	1
8483.500000	9983.500000	1	1
9983.500000	11483.500000	1	1
11483.500000	12983.500000	1	1
12983.500000	14483.500000	1	1
14483.500000	15983.500000	1	1
15983.500000	17483.500000	1	1
17483.500000	18983.500000	1	1
18983.500000	20483.500000	1	1
20483.500000	21983.500000	1	1

FCC ID: ON5-TLNW100K

Page A21 of 48

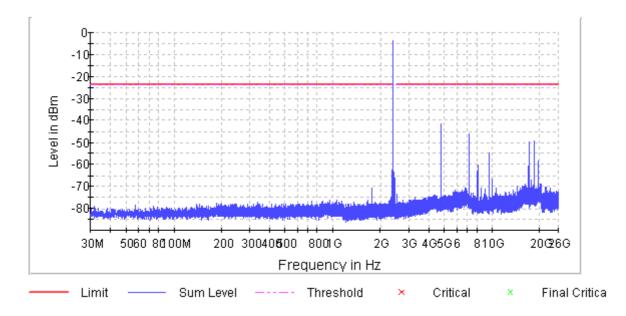


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### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

21983.500000	23483.500000	1	1
23483.500000	24983.500000	1	1
24983.500000	26000.000000	1	1



#### **Pre Measurement 1**

Setting	Instrument Value	Target Value
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	29400	~ 29400
Sweeptime	29.400 ms	AUTO
Reference Level	-30.000 dBm	-30.000 dBm
Attenuation	0.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	30	30
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	1.00 dB	1.00 dB
Run	2 / max. 40	max. 40
Stable	1/1	1
Max Stable Difference	0.00 dB	1.00 dB

FCC ID: ON5-TLNW100K



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

### **Tx Spurious Emission (2426 MHz)**

## Result Inband Peak

Frequency	Level
(MHz)	(dBm)
2426.000	-3.3

### **Final measurements**

Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result

#### **Pre Measurements**

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
4851.625000	-41.3	18.0	-23.3
4851.675000	-41.6	18.4	-23.3
4852.625000	-42.2	19.0	-23.3
4851.575000	-42.4	19.2	-23.3
4852.675000	-43.0	19.7	-23.3
4852.575000	-43.5	20.2	-23.3
4852.125000	-43.8	20.5	-23.3
4852.075000	-44.2	21.0	-23.3
4852.525000	-45.1	21.8	-23.3
4851.725000	-45.2	21.9	-23.3
4852.175000	-45.6	22.3	-23.3
7277.425000	-46.2	22.9	-23.3
4852.725000	-46.2	22.9	-23.3
4851.525000	-46.5	23.3	-23.3
7277.475000	-46.6	23.3	-23.3

**Measurement Settings** 

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
30.000000	1500.000000	1	1
1500.000000	2400.000000	1	1
2400.000000	2483.500000	1	1
2483.500000	3983.500000	1	1
3983.500000	5483.500000	1	1
5483.500000	6983.500000	1	1
6983.500000	8483.500000	1	1
8483.500000	9983.500000	1	1
9983.500000	11483.500000	1	1
11483.500000	12983.500000	1	1
12983.500000	14483.500000	1	1
14483.500000	15983.500000	1	1
15983.500000	17483.500000	1	1
17483.500000	18983.500000	1	1
18983.500000	20483.500000	1	1
20483.500000	21983.500000	1	1

FCC ID: ON5-TLNW100K

Page A23 of 48

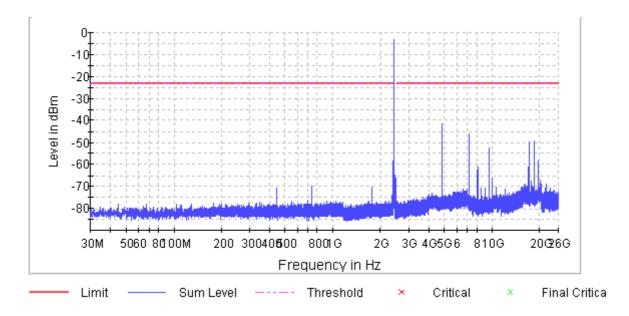


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## **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

21983.500000	23483.500000	1	1
23483.500000	24983.500000	1	1
24983.500000	26000.000000	1	1



#### **Pre Measurement 1**

Setting	Instrument Value	Target Value
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	29400	~ 29400
Sweeptime	29.400 ms	AUTO
Reference Level	-30.000 dBm	-30.000 dBm
Attenuation	0.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	30	30
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	1.00 dB	1.00 dB
Run	2 / max. 40	max. 40
Stable	1/1	1
Max Stable Difference	0.58 dB	1.00 dB

FCC ID: ON5-TLNW100K

Page A24 of 48



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

### **Tx Spurious Emission (2480 MHz)**

## Result Inband Peak

Frequency	Level
(MHz)	(dBm)
2480.000	-3.6

#### **Final measurements**

aoa	Ja. JJ				
Frequency (MHz)	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result

#### **Pre Measurements**

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
4959.625000	-43.7	20.1	-23.6
4959.675000	-43.9	20.4	-23.6
4959.575000	-45.1	21.5	-23.6
4960.625000	-46.0	22.4	-23.6
4960.575000	-46.4	22.9	-23.6
4960.675000	-46.6	23.1	-23.6
4960.075000	-47.6	24.1	-23.6
4960.125000	-48.0	24.4	-23.6
4960.175000	-48.0	24.4	-23.6
4959.525000	-48.1	24.6	-23.6
4959.725000	-48.5	24.9	-23.6
4960.225000	-48.9	25.4	-23.6
18636.125000	-49.1	25.5	-23.6
18636.175000	-49.1	25.6	-23.6
4960.025000	-49.3	25.7	-23.6

**Measurement Settings** 

Start Frequency (MHz)	Stop Frequency (MHz)	Pre Measurement	Final Measurement
30.000000	1500.000000	1	
1500.000000	2400.000000	1	
2400.000000	2483.500000	1	
2483.500000	3983.500000	1	
3983.500000	5483.500000	1	
5483.500000	6983.500000	1	
6983.500000	8483.500000	1	
8483.500000	9983.500000	1	
9983.500000	11483.500000	1	
11483.500000	12983.500000	1	
12983.500000	14483.500000	1	
14483.500000	15983.500000	1	
15983.500000	17483.500000	1	
17483.500000	18983.500000	1	
18983.500000	20483.500000	1	
20483.500000	21983.500000	1	

FCC ID: ON5-TLNW100K

Page A25 of 48

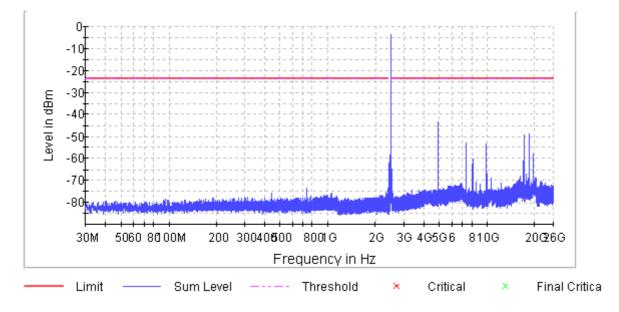


廠商會檢定中心

## **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

21983.500000	23483.500000	1	1
23483.500000	24983.500000	1	1
24983.500000	26000.000000	1	1



#### **Pre Measurement 1**

Setting	Instrument Value	Target Value	
RBW	100.000 kHz	<= 100.000 kHz	
VBW	300.000 kHz	>= 300.000 kHz	
SweepPoints	29400	~ 29400	
Sweeptime	29.400 ms	AUTO	
Reference Level	-30.000 dBm	-30.000 dBm	
Attenuation	0.000 dB	AUTO	
Detector	MaxPeak	MaxPeak	
SweepCount	30	30	
Filter	3 dB	3 dB	
Trace Mode	Max Hold	Max Hold	
Sweeptype	Sweep	AUTO	
Preamp	off	off	
Stablemode	Trace	Trace	
Stablevalue	1.00 dB	1.00 dB	
Run	2 / max. 40	max. 40	
Stable	1/1	1	
Max Stable Difference	0.00 dB	1.00 dB	

FCC ID: ON5-TLNW100K

Page A26 of 48



廠商會檢定中心

### **TEST REPORT**

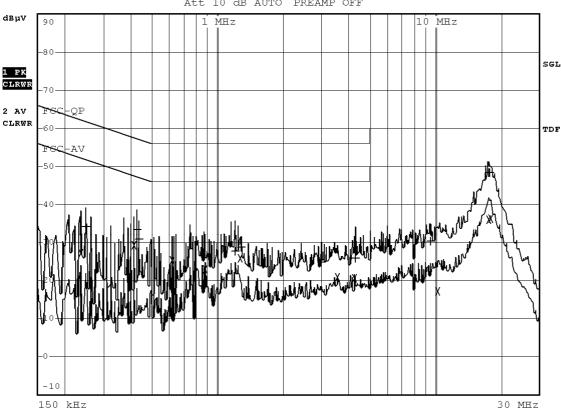
Report No. 03 Jul 2020 AW0056093(1) Date:

#### **Conducted Emission**

Charging mode

RBW  ${\rm MT}$ 1 s

PREAMP OFF At.t. 10 dB AUTO



FCC ID: ON5-TLNW100K



廠商會檢定中心

### **TEST REPORT**

Report No. : AW0056093(1) Date : 03 Jul 2020

EDIT PEAK LIST (Final Measurement Results)							
Tra	icel:	FCC-QP					
Tra	.ce2 <b>:</b>	FCC-AV					
Tra	.ce3:						
	TRACE	FREQUENCY	LEVEL d	BμV	DELTA LIMIT dB		
2	Average	235.5 kHz	27.22	N gnd	-25.02		
1	Quasi Peak	249 kHz	34.35	L1 gnd	-27.43		
2	Average	415.5 kHz	29.12	N gnd	-18.41		
1	Quasi Peak	429 kHz	33.35	L1 gnd	-23.91		
1	Quasi Peak	438 kHz	30.80	N gnd	-26.29		
2	Average	617 kHz	25.29	N gnd	-20.70		
2	Average	878 kHz	23.03	N gnd	-22.96		
1	Quasi Peak	1.211 MHz	27.54	N gnd	-28.46		
2	Average	1.274 MHz	25.80	N gnd	-20.19		
1	Quasi Peak	1.2875 MHz	28.82	N gnd	-27.17		
1	Quasi Peak	2.993 MHz	24.84	N gnd	-31.15		
2	Average	3.56 MHz	20.95	N gnd	-25.04		
2	Average	4.2845 MHz	20.66	N gnd	-25.33		
1	Quasi Peak	4.307 MHz	25.75	N gnd	-30.24		
1	Quasi Peak	9.563 MHz	30.35	N gnd	-29.65		
2	Average	10.292 MHz	17.26	L1 gnd	-32.73		
2	Average	17.618 MHz	35.97	N gnd	-14.02		
1	Quasi Peak	17.6315 MHz	48.43	N gnd	-11.56		
1	Quasi Peak	17.8295 MHz	48.47	N gnd	-11.52		
2	Average	17.9465 MHz	36.29	N gnd	-13.70		

\*\*\*\*\* End of Report \*\*\*\*\*

FCC ID: ON5-TLNW100K

Page A28 of 48