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TEST REPORT

Applicant: Shanghai Norwii Technology Co., Ltd.
Address: 2F, Building 3, No.277, Jinfeng Road, Pudong New Area, Shanghai 201201, P. R. China
Equipment Type: Wireless Presenter
Model Name: N60(refer to section 2.3)
Brand Name: NORWII, KNORVAY
FCC ID: 2AXGRN60
Test Standard: 47 CFR Part 2.1093-2023
KDB 447498 D04 v01
Sample Arrival Date: N/A
Test Date: N/A
Date of Issue: Sep. 10, 2026

ISSUED BY:

Shanghai Tejet Communications Technology Co., Ltd. Testing Center



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Revision History

<u>Version</u>	<u>Issue Date</u>	<u>Revisions Content</u>
<u>Rev. 01</u>	<u>Sep. 10, 2026</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shanghai Tejet Communications Technology Co., Ltd. Testing Center
Address	1-2/F., Building 1, No.222, Xuanlan Road, Xuanqiao, Pudong New District, Shanghai, China

1.2 Test Location

Name	Shanghai Tejet Communications Technology Co., Ltd. Testing Center
Location	1-2/F., Building 1, No.222, Xuanlan Road, Xuanqiao, Pudong New District, Shanghai, China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1352. The laboratory is a testing organization accredited by ISED as a accredited testing laboratory. The company number is 29671 and CAB identifier number is CN0142.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Shanghai Norwii Technology Co., Ltd.
Address	2F, Building 3, No.277, Jinfeng Road, Pudong New Area, Shanghai 201201, P. R. China

2.2 Manufacturer Information

Manufacturer	Shanghai Knorvay Electronic Technology Co., Ltd.
Address	2F, Building 3, No.277, Jinfeng Road, Pudong New Area, Shanghai 201201, P. R. China

2.3 General Description for Equipment under Test (EUT)

EUT Name	Wireless Presenter
Model Name Under Test	N60
Series Model Name	N60s,N61,N61s,N62,N62s,N63,N63s,N65,N65s,N66,N66s,N67,N67s,N68,N68s,N69,N69s
Description of Model name differentiation	Series model: N60s,N61,N61s,N62,N62s,N63,N63s,N65,N65s,N66,N66s,N67,N67s,N68,N68s, N69 N69s are identical to each other construction and critical components. Difference in below:1.Model number (The information is provided by the applicant.)
Hardware Version	N60 TX 2451B A7108 2215 3169 433M V7
Software Version	Tx_433M_SN32F2451B_A7108_V2.3
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	433.65 MHz, 434.25MHz
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The requirement for the following technical information of the EUT was tested in this report:

Operating Mode	TX/RX mode
Frequency Range	433.65 MHz, 434.25MHz
Antenna Type	Spring Antenna
Exposure Category	General Population/Uncontrolled Exposure
EUT Stage	Portable Device

3 SUMMARY OF TEST RESULT

3.1 Test Standards

No.	Identity	Document Title
1	KDB 447498 D04 v01☆	KDB 447498 D04 Interim General RF Exposure Guidance v01

3.2 Limit Standards

No.	Identity	Document Title
1	47 CFR Part 2.1093-2023	Radiofrequency radiation exposure evaluation: portable devices

4 DEVICE CATEGORY AND LEVELS LIMITS

Portable Derives:

CFR Title 47 §2.1093(b)

(b) For purposes of this section, a portable device is defined as a transmitting device designed to be used so that the radiating structure(s) of the device is/are within 20 centimeters of the body of the user.

FCC KDB 447498 Derives:

According with FCC KDB 447498 D04, Appendix B, The SAR-based exemption formula applies for single fixed, mobile, and portable RF sources with available maximum time-averaged power or effective radiated power (ERP), whichever is greater, of less than or equal to the threshold Pth (mW).

This method shall only be used at separation distances from 0.5 cm to 40 cm and at frequencies from 0.3 GHz to 6 GHz (inclusive). The following table shows the power threshold from 5mm to 50mm.

Power Thresholds (mW)					
Frequency (MHz)	At separation distance of ≤5 mm	At separation distance of 10 mm	At separation distance of 15 mm	At separation distance of 20 mm	At separation distance of 25 mm
300	39 mW	65 mW	88 mW	110 mW	129 mW
450	22 mW	44 mW	67 mW	89 mW	112 mW
835	9 mW	25 mW	44 mW	66 mW	90 mW
1900	3 mW	12 mW	26 mW	44 mW	66 mW
2450	3 mW	10 mW	22 mW	38 mW	59 mW
3600	2 mW	8 mW	18 mW	32 mW	49 mW
5800	1 mW	6 mW	14 mW	25 mW	40 mW
Frequency (MHz)	At separation distance of 30 mm	At separation distance of 35 mm	At separation distance of 40 mm	At separation distance of 45 mm	At separation distance of 50 mm
300	148 mW	166 mW	184 mW	201 mW	217 mW
450	135 mW	158 mW	180 mW	203 mW	226 mW
835	116 mW	145 mW	175 mW	207 mW	240 mW
1900	92 mW	122 mW	157 mW	195 mW	236 mW
2450	83 mW	111 mW	143 mW	179 mW	219 mW
3600	71 mW	96 mW	125 mW	158 mW	195 mW
5800	58 mW	80 mW	106 mW	136 mW	169 mW

Note:

1. Maximum power is the source-based time-average power and represents the maximum RF output power including tune-up tolerance among production units
2. Per KDB 447498 D04, for larger devices, the test separation distance of adjacent edge configuration is determined by the closest separation between the antenna and the user.
3. Per KDB 447498 D04, standalone SAR test exclusion threshold is applied; If the distance of the

antenna to the user is < 5mm, 5mm is used to determine SAR exclusion threshold

4. Per KDB 447498 D04, for separation distances from 0.5 cm to 40 cm and at frequencies from 0.3 GHz to 6 GHz (inclusive), the threshold Pth (mW) is given by Following:

$$P_{th}(mW) = \begin{cases} ERP_{20cm}(d/20cm)^x & d \leq 20cm \\ ERP_{20cm} & 20cm < d \leq 40cm \end{cases}$$

where

$$x = -\log_{10} \left(\frac{60}{ERP_{20cm}\sqrt{f}} \right)$$

- f(GHz) is the RF channel transmit frequency in GHz
- d is the separation distance (cm), The result is rounded to one decimal place for comparison
- ERP_{20cm} are determined by:

$$ERP_{20cm}(mW) = f(x) = \begin{cases} 2040f & 0.3GHz \leq f < 1.5GHz \\ 3060 & 1.5GHz \leq f \leq 6GHz \end{cases}$$

5 ASSESSMENT RESULT

5.1 Output Power

Mode	
Max Field Strength (dBuV/m)	86.48
Conducted Power (dBm)	0.07
Antenna Gain (dBi)	-2.00
ERP (dBm)	-4.08

Note 1: This table listed the worst case power value, please refer to BL-SH2610006-601 report for more details.

Note 2: Add the appropriate maximum ground reflection factor to the EIRP level (6dB for frequencies≤30MHz, 4.7dB for frequencies between 30MHz and 1000MHz, inclusive and 0dB for frequencies > 1000 MHz).

Note 3: Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:
 $E = \sqrt{EIRP \cdot 30 / D^2}$
 where:
 E=electric field strength in dBuV/m
 EIRP =equivalent isotropic radiated power dBm
 D=specified measurement distance in meters

Note 4: When frequencies≤1000MHz, radiated power is ERP.

5.2 Turn-up power

Mode	Conducted Power Range (dBm)		EIRP Range (dBm)		ERP Range (dBm)	
434.25MHz	-1.00	1.00	/	/	-5.15	-3.15

Note1: ERP= EIRP -2.15dB.

Note2: According KDB 447498 D04, used the greater of maximum conducted power and ERP to compare with the threshold value Pth.

5.3 RF Exposure Evaluation Result

Calculation Frequency (MHz)	Distance (mm)	Max Tune-up limit power (dBm)	Max Tune-up limit power (mW)	Threshold Value(mW)	Verdict
434.25	5	1.00	1.2589	22.00	Pass

5.4 Conclusion

This EUT is deemed to comply with the reference level limits, therefore the basic restrictions are compliant with human exposure limits.

Statement

1. The Testing Center guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
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--END OF REPORT--