TEST REPORT

Report Reference No.	**SZE2607150575ET02**
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Date of issue	2026/10/19
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Applicant's name	NiceRF Wireless Technology CO.,LTD
Address	309-314, 3/F, Hongdu Business Building Zone 43, Bao'an District, Shenzhen, Guangdong, 518101 China
Test specification	**:**
Standard	**EN IEC 62311:2020**
TRF Originator	EUSACERT (Shenzhen) Testing Co., Ltd.
Master TRF	Dated 2026-01

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Product Name ..... :	Wireless walkie-talkie module
Trade Mark	G-NiceRF
Product Model	DMR818S-U
Series Model	N/A
Hardware Version	V1.0
Software Version	V1.7
Ratings	DC 4.2V
Result	**Pass**

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Series Model	:	N/A
Applicant	:	NiceRF Wireless Technology CO.,LTD
Address	:	309-314, 3/F, Hongdu Business Building Zone 43, Bao'an District, Shenzhen, Guangdong, 518101 China
Manufacturer	:	NiceRF Wireless Technology CO.,LTD
Address	:	309-314, 3/F, Hongdu Business Building Zone 43, Bao'an District, Shenzhen, Guangdong, 518101 China

** Issued History **

Revision	Description	Issued Date	Remark
Revision 1.0	Initial Test Report Release	2026/10/19	Andrea Hu

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1. GENERAL INFORMATION

1.1 GENERAL REMARKS

Date of receipt of test sample	:	2026/07/15
Testing commenced on	:	2026/07/15
Testing concluded on	:	2026/10/19

1.2 GENERAL DESCRIPTION OF EUT

<table>
<tr><td>Equipment</td><td>Wireless walkie-talkie module</td></tr>
<tr><td>Model Name</td><td>DMR818S-U</td></tr>
<tr><td>Series Model</td><td>N/A</td></tr>
<tr><td>Difference descrption</td><td>N/A</td></tr>
<tr><td>Product Description</td><td>The EUT is Wireless walkie-talkie module.

300 113
<table>
<tr><td>Operation Frequency:</td><td>406.10625MHz/418.05625MHz/429.99375MHz/
450.00625MHz/460.00000MHz/469.99375MHz</td></tr>
<tr><td>Modulation Type:</td><td>GFSK</td></tr>
<tr><td>Antenna Designation:</td><td>External Antenna</td></tr>
<tr><td>Antenna Gain(Peak)</td><td>1dBi</td></tr>
</table>
301 166
<table>
<tr><td>Operation Frequency:</td><td>406.1125 MHz/418.0625 MHz/429.9875MHz/
450.0125MHz/460.0000 MHz/469.9875MHz</td></tr>
<tr><td>Modulation Type:</td><td>FM</td></tr>
<tr><td>Antenna Designation:</td><td>External Antenna</td></tr>
<tr><td>Antenna Gain(Peak)</td><td>1dBi</td></tr>
</table>
300 086
<table>
<tr><td>Operation Frequency:</td><td>406.1125 MHz/418.0625 MHz/429.9875MHz/
450.0125MHz/460.0000 MHz/469.9875MHz</td></tr>
<tr><td>Modulation Type:</td><td>FM</td></tr>
<tr><td>Antenna Designation:</td><td>External Antenna</td></tr>
<tr><td>Antenna Gain(Peak)</td><td>1dBi</td></tr>
</table>

Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual.</td></tr>
<tr><td>Channel List</td><td>Refer to below</td></tr>
<tr><td>Hardware Version</td><td>V1.0</td></tr>
<tr><td>Software Version</td><td>V1.7</td></tr>
<tr><td>Note:</td><td>For a more detailed features description, please refer to the manufacturer’s specifications or the User's Manual.</td></tr>
<tr><td colspan="2">Note: Antenna gain Refer to the antenna specifications.
The cable loss data is obtained from the supplier.
The test results in the report only apply to the tested sample.</td></tr>
</table>

2.EN IEC 62311 REQUIREMENT

2.1 GENERAL INFORMATION

According to its specifications, the EUT must comply with the requirements of the following standards:

EN IEC 62311:2020[Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (0 Hz to 300 GHz)]

2.2 LIMIT

The equipment is deemed to fulfil the requirements of this document if the values obtained by the assessment are less than or equal to the limits and if the actual assessment uncertainty is less than or equal to the maximum uncertainty specified for the applied assessment method(s). If the actual assessment uncertainty is larger than the maximum uncertainty then the procedure given in 6.2 shall be applied.

3. RESULT

3.1 Summary of Results

Limit (W/ m²)	Result (W/ m²)	Verdict
2	0.40	passed

3.2 MPE Evaluation

$S = PG / 4\pi R^2$

P = Power input to antenna

G = Antenna Gain

R = distance to the center of radiation of antenna (in meter) = 0.5 m

π=3.142

The maximum power density at a distance of 0.5 m for EUT is shown as below:

Operation Mode	Max. EIRP (W)	R (m)	S (W/m2)	Limit (W/m2)	Conclusion
300 113	1.19	0.5	0.38	2	PASS
301 166	1.25	0.5	0.40	2	PASS
300 086	1.25	0.5	0.40	2	PASS

3.3 Measurement Uncertainty

Extended Uncertainty (k=2) 95% 0.5dB

.....End of Report.....