

ICS 31.140
CCS L21



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 48108-2026

**Guidelines for the measurement method of power durability for
surface acoustic wave (SAW) and bulk acoustic wave (BAW)
devices in radio frequency (RF) applications**

射频（RF）声表面波（SAW）及体声波（BAW）器件功率耐久性测试指南
(English Translation)

Issued on: August 28, 2026

Implemented on: March 1, 2027

**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Terms and definitions

Foreword

GB/T 48108-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 August 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 March 2027.

The document adopts an international standard (ISO or IEC).

It is under the responsibility of the Ministry of Industry and Information Technology (Electronics).

Classification: ICS 31.140; CCS L21.

1 Scope

These guidelines concern measurement of power durability for surface acoustic wave and bulk acoustic wave devices used in radio frequency applications. Such devices serve as filters and resonators in wireless equipment, where they may be exposed to sustained radio frequency power. The document is useful to device manufacturers, test laboratories, module designers and quality engineers who must judge how long these parts keep working under power.

The standard adopts an international standard and takes effect on 1 March 2027. As a GB/T document it is recommended, and the title marks it as guidance on the measurement method rather than a set of pass or fail requirements. Component suppliers selling into the Chinese electronics industry and their customers can use it to align test practice and discuss durability data.