

About this Document

This document outlines the essential information required to select appropriate test cases and procedures for EMC and wireless testing. The form must be completed by the applicant and submitted to Stancer Testing-Lab before testing begins to ensure all necessary data is available to conduct accurate and effective testing in compliance with ISO/IEC 17025:2017 and other applicable test standards.

Preparation of Equipment for Testing and Sample Requirements

The following sample configurations are generally required for EMC and wireless testing:

1. EMC Testing Samples

- **Emissions Sample:** A production sample with all intentional radiators installed but configured not to transmit (in RX mode), where applicable. This sample must be connected to auxiliary equipment that exercises and monitors the Equipment Under Test (EUT) in alignment with a worst-case typical installation. This setup is used for Radiated and Conducted Emissions testing.
- **Immunity Sample:** A production sample with all intentional radiators installed and actively transmitting, where applicable. This sample should also be connected to auxiliary equipment that exercises and monitors the EUT under a worst-case typical installation. This setup will be used for Immunity testing.

2. Power Supply Requirements

- The applicant must supply a means to connect the equipment to an external power source, along with any necessary adapters or connectors.
- For battery-operated equipment, fully charged batteries and chargers must be provided. All testing for battery-powered devices will be conducted using new or fully charged batteries to ensure consistent and reliable results.

3. Test Mode Configuration

- Most RF tests are conducted with the EUT forced into transmit mode. The applicant must provide any required software and programming tools necessary to activate this mode.
- Testing will typically be performed on three channels, covering all supported modulation types.
- Frequency-hopping equipment will be tested both with hopping enabled and disabled.
- For devices using digital modulations, transmission should be configured to achieve as close to a continuous duty cycle as possible ($\geq 98\%$ duty cycle) to ensure reliable measurements.

4. Support Equipment

- The client must supply any auxiliary or support equipment necessary to exercise and monitor the EUT during testing. All equipment should be compatible and functional within the test environment.

5. Operation Instructions

- The client must provide all relevant documentation, including wiring diagrams, that clearly explains how to operate and assess the EUT. Detailed testing instructions are preferred over general user manuals to facilitate precise and compliant testing.

Stancer Testing-Lab

EMC Applicant Information Sheet

Date of Issue: October 5, 2026

Report No.:

Report

Revision:

Customer Information

Applicant:	
Applicant address:	
Applicant Email:	
Applicant phone number:	
EUT:	
Model and Manufacturer:	
EUT SN:	
Date of Receipt:	
Date of Test:	
Test Standards:	

Stancer Testing-Lab Inc.

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Email: info@stancermtl.com

<https://stancermtl.com>

Regulatory Service Required

- ☐ EMC
☐ Wireless
☐ EMC and Wireless

Target Countries for Regulatory Compliance

- ☐ USA
☐ Canada
☐ Europe
☐ Japan
☐ Australia
☐ Korea
☐ Taiwan
☐ Other (please specify): Enter details

Type of Assessment

- ☐ Complete Assessment
☐ Partial Assessment (please specify): Enter details

Product Information

Product Name (PMN): Enter details	
Part Number: Enter details or N/A if not applicable	
Model (HVIN): Enter details or N/A if not applicable	
Model Variants: Enter details or N/A if not applicable	
Model Variants Description: Describe the model family, differences, and variations. The EUT model XXXX has been selected as representative for all models in the family.	
Product Name (PMN): Enter details	

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Technical Specifications

Hardware Revision: Enter details (Hardware revision of EUT at the time of testing)	
Software Details: Enter details (Software version of EUT at the time of testing)	
Description / Theory of Operation: Provide a description of the equipment, its function, and how it operates	

Installation Environment

- ☐ Residential
- ☐ Industrial
- ☐ Medical
- ☐ Telecommunication Center
- ☐ Other (please specify): Enter details

Device Classification

- **Digital Device Class:**

- ☐ Class A
- ☐ Class B

- **Product Use:**

- ☐ Fixed Use
- ☐ Portable
- ☐ Mobile
- ☐ Vehicular

Power Requirements

- **Voltage:** Enter voltage (e.g., XXX V)

- ☐ VAC: XXX V
- ☐ VDC: XXX V
- ☐ Power Cord (☐ 50 Hz / ☐ 60 Hz) or ☐ External AC-DC Power Adapter
- ☐ Battery (☐ Rechargeable / ☐ non-rechargeable)
- ☐ POE
- ☐ USB
- ☐ Other (please specify): Enter details

- **Current Rating:** XXXX Amps

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EUT Dimensions

- **Length:** XXXX cm
- **Width:** XXXX cm
- **Height:** XXXX cm
- **Weight:** XXXX kg

Digital Operational Frequencies (Unintentional Radiators)

List all digital operational frequencies, including CPU, Crystals, Clocks, Memory, I/O, etc.

Source Description	Frequency (MHz)
Enter details	XXXX
Enter details	XXXX
Enter details	XXXX
Enter details	XXXX
Enter details	XXXX

Intentional Radiator Frequencies (if applicable)

Transmitter Description	Radio Module	Pre-Certified FCC ID / IC ID
Enter details	☐ Yes ☐ No	Enter details
Enter details	☐ Yes ☐ No	Enter details
Enter details	☐ Yes ☐ No	Enter details
Enter details	☐ Yes ☐ No	Enter details

EUT Interface Ports

Description	Quantity	Maximum	Supported Cable Details
Enter details	XX		☐ <3m ☐ >3m ☐ >30m ☐ Indoor ☐ Outdoor
Enter details	XX		☐ <3m ☐ >3m ☐ >30m ☐ Indoor ☐ Outdoor
Enter details	XX		☐ <3m ☐ >3m ☐ >30m ☐ Indoor ☐ Outdoor
Enter details	XX		☐ <3m ☐ >3m ☐ >30m ☐ Indoor ☐ Outdoor
Enter details	XX		☐ <3m ☐ >3m ☐ >30m ☐ Indoor ☐ Outdoor

Section 5: Product (EUT) Testing Details

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- **EUT Exercise Details:**

Enter information about the functions and components exercised during the test to ensure that the EUT accurately represented normal operation.

- **EUT Monitoring Details:**

Enter information about the monitoring functions used during testing to confirm that the EUT remained active throughout the assessment.

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Customer Declaration

- **Completed By:**

Enter the full name and position of the person completing this form.

- **Date (DD/MM/YYYY):**

Enter the date the form was completed.

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