

EMC

Abstract:

This instruction describes the appearance features, technical specifications, interface definitions and communication protocols of EMC.

Key Words: Satellite, EMC, Specification

1. Appearance

The appearance of EMC is shown as figure1.



Fig.1 EMC

2. Specifications

EMC laboratory has a 3-meter semi-anechoic chamber.

Table1 EMC laboratory List

Item	Ability	Remark
The measure of area	12.1mX7.3X6m	
Design frequency	10kHz~40gHz	
Test frequency	20kHz~18gHz	

3. Sever item

It can be used for whole satellite, subsystem and single machine.

Table2 Sever Item

No.	Item	Remark
1.	CE101	
2.	CE102	
3.	CE106	
4.	CE107	
5.	RE102	
6.	CS101	
7.	CS103	
8.	CS104	
9.	CS105	
10.	CS106	

No.	Item	Remark
11.	CS114	
12.	CS115	
13.	CS116	
14.	RS103	

4. **Application**

- 1) Manned Space Engineering;
- 2) The lunar exploration program;
- 3) Micro nano satellite.