National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : IAF EMI-EMC LABORATORY, AIR FORCE STATION, SOHNA ROAD, GURGAON, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6030 **Page No** 1 of 1

Validity 21/12/2021 to 20/12/2023 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	ELECTRICAL- EMI / EMC TEST FACILITY	All aircraft, space and ground system interconnecting cables including power cables	CS-115 (Conducted Susceptibility-115)	MIL STD 461E
2	ELECTRICAL- EMI / EMC TEST FACILITY	All interconnecting cables including power leads	CS-114 (Conducted Susceptibility-114)	MIL STD 461E
3	ELECTRICAL- EMI / EMC TEST FACILITY	All interconnecting cables including power leads and individual high side power leads	CS-116 (Conducted Susceptibility-116)	MIL STD 461E
4	ELECTRICAL- EMI / EMC TEST FACILITY	Antenna terminals of transmitters, Receivers and Amplifiers	CE-106 (Conducted Emission-106)	MIL STD 461E
5	ELECTRICAL- EMI / EMC TEST FACILITY	Communication Receivers, Trans-receivers, Radar Receivers, Acoustic Receivers and EW Receivers	CS-103 (Conducted Susceptibility-103)	MIL STD 461 E
6	ELECTRICAL- EMI / EMC TEST FACILITY	Communication Receivers, Trans-receivers, Radar Receivers, Acoustic Receivers and EW Receivers	CS-104 (Conducted Susceptibility-104)	MIL STD 461E
7	ELECTRICAL- EMI / EMC TEST FACILITY	Equipment and subsystem AC and DC input power leads not including returns	CS-101 (Conducted Susceptibility-101)	MIL STD 461 E
8	ELECTRICAL- EMI / EMC TEST FACILITY	Equipment and subsystem enclosures and all interconnecting cables	RS-103 (Radiated Susceptibility-103)	MIL STD 461 E
9	ELECTRICAL- EMI / EMC TEST FACILITY	Equipment and subsystem enclosures, all interconnecting cables and Antenna designed to be permanently mounted to EUT in standby mode	RE-102 (Radiated Emission-102)	MIL STD 461 E
10	ELECTRICAL- EMI / EMC TEST FACILITY	Power Leads of equipment including returns that obtain power from other sources not part of the EUT	CE-102(Conducted Emission-102)	MIL STD 461E
11	ELECTRICAL- EMI / EMC TEST FACILITY	Receivers that normally process amplitude modulated RF signals	CS-105 (Conducted Susceptibility-105)	MIL STD 461E