

EMC LAB -VRDE

NATRiP has established EMC lab at VRDE under up-gradation programme of existing facilities at NCAT (National Centre for Automotive Testing). VRDE is prominent homologation and R&D organisation under DRDO (Defence Research and Development Organisation).



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The details of EMC Lab at **NCAT-Ahmednagar** are tabulated below :

Technical Details Of EMC LAB

Components	Technical Specifications NCAT EMC-Lab
VSAC for trucks	
Anechoic chamber	32x18x8m
Main Turntable	8m diameter, 10 tons
Integrated Chassis Dyno	4x4 up to LCV, 120km/h
Second turntable	for components
Equipment	
EMI: Emissions	9kHz - 18GHz
EMS: Immunity	150V/m
Control Room	shielded
Amplifiers	10kW

SAC for components	
Anechoic chamber	8x5x3m
Turntable	under discussion
Equipment & Their Use	
EMI: Emissions	R&D
EMS: Immunity	R&D
Control Room	shared
Amplifiers	shared
EMS: Immunity	