ID	Name	Description	Rationale	Design Validation	Verification Method
HV- 001	Range for cathode potential	HV range for cathode potential shall be between 15 to 50 kV	Provide choise for charge R factor 0.6 to 0.7 for MIPs	Full Scale Demonstra- tor	Test/ Inspection
HV- 002	HV long term stability	`	Coordinate accuracy < 1 mm Charge accuracy <0.1%	Full Scale Demonstra- tor	Test/ Inspection
HV- 003	HV ripple/noise variation	Variation of HV shall be <4 mV (0.016fC or 100e) at 100kHz > F >1 Hz	Noise induction to R/O	Full Scale Demonstra- tor	Test/ Inspection
HV- 005	HV nominal ramp rate	Nominal ramp rate provided by HVPS shall be 300 V/s (~2pA per pixel)	Ramp up/down rate to limit recharging currents in the TPC to <5pA	Full Scale Demonstra- tor	Test/ Inspection