

TM2/3/4 SIS with Target and No External Connections

7014 with Ta#68

Ohm Meter Check					
	Target (ABCD)	Einzel Lens (Y)	60kV Com (T)	Chassis	EE (I)
Magnet Coil (U, Q)					
Anode (H)					
60kV Common (T)	OL	OL			
	Infinite	Infinite			
Chassis	OL	OL	OL		
	Infinite	Infinite	Infinite		
EE (I)	OL	OL	OL	OL	
	Infinite	Infinite	Infinite	Infinite	
Einzel Lens (Y)	OL				
	Infinite				

Megger Check (all @ 500V unless otherwise noted)					
	Target (ABCD)	Einzel Lens (Y)	60kV Com (T)	Chassis	EE (I)
Anode (H)					
60kV Common (T)					
Chassis	1G	OL			
	@250V under vacuum only	Infinite			
Chassis	961M	OL	546M		
	Infinite @ 1000V	Infinite @ 1000V	Infinite		
EE (I)	OL	OL	OL	OL	
	Infinite	Infinite	Infinite	Infinite	
Einzel Lens (Y)	OL				
	Infinite				

Conductance Check [mΩ]					
A-B	A-C	A-D	B-C	B-D	C-D
6.941	6.887	6.058	6.983	6.145	6.032
4-5.7	5-6.8	4-5.3	5-6.8	4-5.3	4-5.5

Backg. leak rate:	$5.6 \times 10^{-9}$	HS leak rate:	$5.6 \times 10^{-9}$
[atm-cc/s]	< 5E-9	[atm-cc/s]	< Backg. leak rate

Target: TW 68	Date: 2024-08-16
Location: 5 HC CS HCpost	Signature: 

