

4.2 TM3/4 SIS with Target and No External Connections

Shunts installed and tightened E-F-G-H-T-J-RFQ(H)	//
FEBIAD coil shunts installed and tightened P-Q-R-U	//

Ohm Meter Check									
	Target (ABCD)	Einzel Lens (Y)	60kV Com (T)	Chassis	EE (I)				
Magnet Coil (U, Q)									
Anode (H)									
60kV Common (T)						OL Infinite	OL Infinite		
Chassis						OL Infinite	OL Infinite	OL Infinite	
EE (I)						OL Infinite	OL Infinite	OL Infinite	OL 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)						766K Infinite	OL Infinite		
Chassis						483M Infinite @ 1000V	OL Infinite @ 1000V	490M Infinite	
EE (I)						OL Infinite	OL Infinite	OL Infinite	OL Infinite
Einzel Lens (Y)						OL Infinite			

Conductance Check [mΩ]						
A - B	A - C	A - D	B - C	B - D	C - D	
5.726	6.346	5.300	6.017	4.959	5.517	
4 - 5.7	5 - 6.8	4 - 5.3	5 - 6.8	4 - 5.3	4 - 5.5	

Backg. leak rate:	HS leak rate:
[atm-cc/s]	[atm-cc/s]
< 5E-9	< Backg. leak rate

Target: <u>UC, #18</u>	Date: <u>November 23</u>
Location: <u>(SHC) CS SHCpost</u>	Signature: