

### 4.2 TM4 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

*After loosen and then tighten*

	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				

A-B  
6.165me

A-C  
6.863me

A-D  
5.929me

	Megger Check (all @ 500V unless otherwise noted)				
	Target (ABCD)	Einzel Lens (Y)	60kV Com (T)	Chassis	EE (I)
Anode (H)					
60kV Common (T)	423K	OL			
	Infinite	Infinite			
Chassis	717M	OL	709M		
	Infinite @ 1000V	Infinite @ 1000V	Infinite		
EE (I)	OL	OL	OL	OL	
	Infinite	Infinite	Infinite	Infinite	
Einzel Lens (Y)	OL				
	Infinite				

B-C  
5.794me

B-D  
4.851me

C-D  
5.486me

Conductance Check [mΩ]						
A-B	A-C	A-D	B-C	B-D	C-D	
7.046	6.827	5.902	6.673	5.746	5.451	
< 5.7	< 6.8	< 5.3	< 6.8	< 5.3	< 5.5	

Backg. leak rate:	$0.0 \times 10^{-9}$ atm-cc/s	HS leak rate:	No response
[atm-cc/s]	< 5E-9	[atm-cc/s]	< Backg. leak rate

Target: Ta #41	Date: October 29, 2013
Location: SHC CS SHCpost	Signature: T. CAVIE