

Target Module with Target Check		
Document-75583	Release No. 01	Release Date: 2013-03-25

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	

	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)	40 16k Infinite	OL Infinite			
Chassis	647M Infinite @ 1000V	OL Infinite @ 1000V	640M 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	
6.165	6.498	5.007	6.400	4.895	5.167	
< 5.7	< 6.8	< 5.3	< 6.8	< 5.3	< 5.5	

Backg. leak rate:	0.0×10^{-9}	HS leak rate:	0.0×10^{-9}
[atm-cc/s]	< 5E-9	[atm-cc/s]	< Backg. leak rate

Target: <i>Ta #40</i>	Date: <i>May 22 2013</i>
Location: <i>(SHC) CS SHCpost</i>	Signature: <i>D. Wang, T. Clark</i>