

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	

	<i>Megger</i> <del>Ohm Meter</del> Check (500V)				
	Target (ABCD)	Einzel Lens (Y)	60kV Com (T)	Chassis	EE (I)
Magnet Coil (U, Q)					
Anode (H)					
60kV Common (T)	0 <del>Infinite</del>	OL Infinite			
Chassis	140.1M Infinite	OL Infinite	117.1M <del>Infinite</del>		
EE (I)	200K Infinite	OL Infinite	0 <del>Infinite</del>	138.5M <del>Infinite</del>	
Einzel Lens (Y)	OL Infinite				

	<i>ohm meter</i> <del>Megger</del> Check (all @ 500V unless otherwise noted)				
	Target (ABCD)	Einzel Lens (Y)	60kV Com (T)	Chassis	EE (I)
Anode (H)					
60kV Common (T)					
Chassis	OL Infinite @ 1000V	OL Infinite @ 1000V	OL 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
4.890	5.732	4.308	5.400	3.971	4.790
< 5.7	< 6.8	< 5.3	< 6.8	< 5.3	< 5.5

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

Target: <u>SIC #31</u>	Date: <u>July 27 2015</u>
Location: <u>SHC CS SHCpost</u>	Signature: <u>T CAVE</u>