

Target Module with Target Check		
Document-75583	Release No. 1	Release Date.: 2013/12/11

## 4.2 TM3/4 SIS with Target and No External Connections

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

	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			
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)					
Chassis	698M Infinite @ 1000V	OL Infinite @ 1000V	708M Infinite		
EE (I)	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
5.605	6.357	5.082	5.703	4.448	5.163
4 - 5.7	5 - 6.8	4 - 5.3	5 - 6.8	4 - 5.3	4 - 5.5

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

Target: UC #10	Date: August 7 2014
Location: SHO CS SHCpost	Signature: T CAVE