

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

4.2 ^{TM2} ~~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)	430 Ω 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)					
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	
7.711	6.869	5.843	7.627	6.599	5.705	
4 - 5.7	5 - 6.8	4 - 5.3	5 - 6.8	4 - 5.3	4 - 5.5	

Backg. leak rate:	3.0 x 10 ⁻⁹	HS leak rate:	3.0 x 10 ⁻⁹ - No charge
[atm-cc/s]	< 5E-9	[atm-cc/s]	< Backg. leak rate

Target: Graphite #1	Date: 2020-06-17
Location: SHC CS SHCpost	Signature: <i>[Signature]</i>