

4.2 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)	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	460M infinite @ 1000V	OL infinite @ 1000V	470M infinite		
EE (I)	OL infinite	OL infinite	OL infinite		
Einzel Lens (Y)	OL infinite				

0.0-0 for

Conductance Check [mΩ]						
A - B	A - C	A - D	B - C	B - D	C - D	
5.371	6.184	4.648	5.702	4.174	4.932	
4 - 5.7	5 - 6.8	4 - 5.3	5 - 6.8	4 - 5.3	4 - 5.5	

Backg. leak rate:	0.0x10 ⁻⁹	HS leak rate:	2.0x10 ⁻⁹
[atm-cc/s]	< 5E-9	[atm-cc/s]	< Backg. leak rate

Target: T ₆ #56	Date: July 2018
Location: SHC CS SHCpost	Signature: David W. [Signature]