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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)	OK Infinite	OK Infinite			
Chassis	OK Infinite	OK Infinite	OK Infinite		
EE (I)	OK Infinite	OK Infinite	OK Infinite	OK Infinite	
Einzel Lens (Y)	OK 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	short Infinite @ 1000V	944MΩ Infinite @ 1000V			
EE (I)	157MΩ Infinite @ 1000V	912MΩ Infinite @ 1000V	154MΩ Infinite		
Einzel Lens (Y)	945MΩ Infinite				

Conductance Check [mΩ]						
A - B	A - C	A - D	B - C	B - D	C - D	
5.212	5.818	4.613	5.690	4.486	5.056	
4 - 5.7	5 - 6.8	4 - 5.3	5 - 6.8	4 - 5.3	4 - 5.5	

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

Target: <u>Ta #54</u>	Date: <u>November 7th 2017</u>
Location: <u>SHC CS SHCpost</u>	Signature: <u>T CAVE</u> <u>D WANG</u>