

<sup>2</sup>  
**4.2 TM~~34~~ 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	OL			
	Infinite	Infinite			
Chassis	OL	OL	OL		
	Infinite	Infinite	Infinite		
EE (I)	OL	OL	OL	OL	
	Infinite	Infinite	Infinite	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	0	OL			
	Infinite @ 1000V	Infinite			
EE (I)	390M	OL	455M		
	Infinite @ 1000V	Infinite @ 1000V	Infinite		
Einzel Lens (Y)	OL				
	Infinite				

Conductance Check [mΩ]						
A - B	A - C	A - D	B - C	B - D	C - D	
6.067	6.443	7.169	6.266	6.983	7.315	
4 - 5.7	5 - 6.8	4 - 5.3	5 - 6.8	4 - 5.3	4 - 5.5	

Backg. leak rate:	0.0E-0.9	HS leak rate:	0.0E-0.9
[atm-cc/s]	< 5E-9	[atm-cc/s]	< Backg. leak rate

Target: nSiC #1	Date: September 19 2018
Location: SHC CS SHCpost	Signature: T CAVE DUANG

*[Handwritten Signature]*