4.2 TM2 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	OL Infinite		
EE (I)	OL Infinite	OL Infinite	OL Infinite	OL Infinite	
Einzel Lens (Y)	OL Infinite				

A→Q OL
A-U OL
60kV-Q OL
60kV-U O
Chassis-Q OL
Chassis-U OL

Megger Check (all @ 500V unless otherwise noted)

	Target (ABCD)	Einzel Lens (Y)	60kV Com (T)	Chassis	EE (I)
Anode (H)					
60kV Common (T)	D Infinite	OL Infinite			
Chassis	194M Infinite @ 1000V	OL Infinite @ 1000V	194M Infinite		
EE (I)	180M Infinite	OL Infinite	181M Infinite	229M Infinite	
Einzel Lens (Y)	OL Infinite				

A-Q 267K
A-U O
60kV-Q 285K
60kV-U O
Chassis-Q 195M
Chassis-U 195M

Conductance Check [mΩ]

A – B	A – C	A – D	B – C	B – D	C - D
5.367	6.141	4.921	5.907	4.922	5.434
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]	< 5E-9	[atm-cc/s]	< Backg. leak rate

Target: Ta #48	**Date:** July 6th 2016
Location: SHC CS (SHCpost)	**Signature:** TCAVE

D WANG