4.1 TM2 [redacted] FEBIAD with Target and No External Connections

Shunts installed and tightened E-F-G-H-T-J-RFQ(H)	✓
FEBIAD coil shunts <u>removed</u> P-Q-R-U	✓

	Ohm Meter Check				
	Target (ABCD)	Einzel Lens (Y)	60kV Com (T)	Chassis	EE (I)
Magnet Coil (U, Q)	OL Infinite	OL Infinite	O Infinite	OL Infinite	OL Infinite
Anode (H)	OL Infinite	OL Infinite	OL Infinite	OL Infinite	OL Infinite
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		OL		

	Megger Check (all @ 500V unless otherwise noted)				
	Target (ABCD)	Einzel Lens (Y)	60kV Com (T)	Chassis	EE (I)
Anode (H)	56K Infinite	OL Infinite	17K Infinite	OL Infinite	OL Infinite
60kV Common (T)	42K Infinite	OL Infinite			
Chassis	OL Infinite @ 1000V	OL Infinite @ 1000V	OL Infinite		
EE (I)	OL Infinite	OL Infinite	OL Infinite	OL Infinite	
Einzel Lens (Y)	OL Infinite				

A → PQ
42K
PQ – Y
OL
PQ – cha
OL
PQ – 60c
O
PQ – ANODE
18K

Conductance Check [mΩ]						
A – B	A – C	A – D	B – C	B – D	C - D	Q-U
6.023	5.948	5.255	5.629	4.948	4.836	5.943
4 - 5.7	5 - 6.8	4- 5.3	5 - 6.8	4 - 5.3	4- 5.5	4- 5

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

Target: Dummy Target	**Date:** August 14 2018
Location: SHC (CS) SHCpost	**Signature:** T Choe D Lavoie