TM2 HELIUM PRESSURE TEST ON INTERNAL WATERLINES

Topsi helium 3 minutes ~~each~~ each line
LD Base LR 0.0×10^{-9} atm.cc/sec base pressure 0.0×10^{-3} torr

A: 0.0×10^{-9} atm.cc/sec

B: 0.0×10^{-9} atm.cc/sec

C: 0.0×10^{-9} atm.cc/sec

D: 0.0×10^{-9} atm.cc/sec

PQ: 0.0×10^{-9} atm.cc/sec

RU: 0.0×10^{-9} atm.cc/sec

MSP: 0.0×10^{-9} atm.cc/sec

EE: 0.0×10^{-9} atm.cc/sec

WIN: 0.0×10^{-9} atm.cc/sec

HS: No target. Not availble for test.

PS = TM2 Top service cap air to Vacuum seals helium spray leak check has been done. No leak on all air to Vacuum seals.

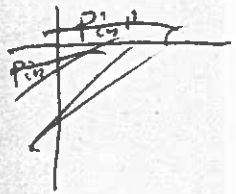
TM2 @ TCS under good Vacuum 2025-02-18

Sheet1

Target Module Electrical Check with no target attached for Modules 2/3/4

Resistance check all values in ohms, all values should be infinite.

	A (Target)	B (Target)	C (Target)	D (Target)	Q (Coil)	R (Coil)	T(60kV Common)	X (55 Pin con)	I (EE)	Y (Einzel Lens)	Chassis
A (Target)											
B (Target)	OL										
C (Target)	OL	OL									
D (Target)	OL	OL	OL								
Q (Coil)	0	OL	OL	OL							
R (Coil)	OL	OL	OL	OL	OL						
T(60kV Common)	OL	OL	OL	OL	OL	OL					
~~X (55 Pin con)~~											
I (EE)	OL	OL	OL	OL	OL	OL	OL				
Y (Einzel Lens)	OL	OL	OL	OL	OL	OL	OL		OL		
Chassis	OL	OL	OL	OL	OL	OL	OL		OL	OL	



Pin 11 to Pin 15 @ 250V between each ALL OL

Meggering check all circuits checked at 500V. All values should be infinite. Any measured values are in ohms.

	A (Target)	B (Target)	C (Target)	D (Target)	Q (Coil)	R (Coil)	T(60kV Common)	X (55 Pin con)	I (EE)	Y (Einzel Lens)	Chassis
A (Target)											
B (Target)	OL										
C (Target)	OL	3.73M									
D (Target)	OL	OL	OL								
Q (Coil)	0	OL	OL	OL							
R (Coil)	OL	OL	OL	OL	41.1M						
T(60kV Common)	OL	OL	OL	OL	39.5M	OL					
~~X (55 Pin con)~~											
I (EE)	OL	OL	OL	OL	OL	OL	OL				
Y (Einzel Lens)	OL	OL	OL	OL	OL	OL	OL		OL		
Chassis	OL	OL	OL	OL	OL	OL	OL		OL	OL	

Pin 21 to Pin 25 @ 250V between each ALL OL

Module #	(2)	3	4	Date:	2025-02-18
Location:	SHC	(CS)	Other:	Signatures:	

250V ⇒

~~Pin~~	A	B	C	D	PQ	RU	Bias
Pin 12	OL	OL	OL	OL	OL	OL	OL
Pin 13	OL	OL	OL	OL	OL	OL	OL
Pin 15	OL	OL	OL	OL	OL	OL	OL
Pin 14	OL	OL	OL	OL	OL	OL	

~~Pin~~	A	B	C	D	PQ	RU	BIAS
Pin 22	OL	OL	OL	OL	OL	OL	OL
Pin 23	OL	OL	OL	OL	OL	OL	OL
Pin 25	OL	OL	OL	OL	OL	OL	OL