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Appendix A: mARC Run Sheet

DATE	2019-10-07				TIME 20	0:43:32		
TEST mARCv2 IST					RUN(S) Run_15			
OPERATOR Mark McGlaughlin					TEST ENGINEER Megan E. Macdonald			
o. 2					PI Megan E. Macdonald			
RUN OBJE	CTIVES				1		·	
		ure durina r	un at a range	e of mdot a	and I 2. Record	voltage 3. Mea	sure visible a	nd infrared
			mediately af			. onago or moa		
Nozzle exit	diameter (c	m) 1.87			# Disks 2			
Total Catho	ode Time (h:	m:s) TI	3D	Cathode	Cathode type: AgP # Cathode starts: TBD			
			DESI	RED TEST	CONDITIONS	1		
Main gas: /	\ir		<u> </u>		jas: None		Dura	n ane: None
ļ						Purge gas: None		
Cond. ID	Current (A)	Main (g/s)	Shield (g/s)	Purge (g/s)	Z (in)	SW	Duration (s)	L2
Condition 1	40.0	0.5	0.0	None	None	None	None	None
Condition	40.0	0.5	0.0	None	None	None	None	None
			MO		D SENSORS		.1	
				DELS AN				
Matarialar	Canaar Tun		SW		L1 L2			
S/N	Sensor Typ	е						
Size								
Sensor Lim	nits							
				PROCED	OURE			
4 Nata aba			1	-				
			run at a range nmediately af		and I 2. Record	voltage 3. Mea	isure visible a	na intrarea
0111001011 01	i tilo jot alla	odiibiate iii	iniculatory an	101				
				CAMER	AS			
0			- 11.	_	N4 - 1 -			
Camera Nikon D750		ens one	Filte	r sque UV 77mm	Mode None			
NIKOH D750	IN	one	Lumme	sque OV //IIIII	None			
			ADDIT	IONAL DI	AGNOSTICS			
Purpose Sensor model					Units			
l ' '		Ohio Semitronics CTL401S/300/CTA201H Ohio Semitronics VT7-007E-11-TP			Amperes Volts			
Plasma gas [g/s] Sage SIP-030-DC24-A				Grams per second				
		Setra Model 730			Pascals			
Chamber Pressure 2 [Pa]		Inficon			Pascals			

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SENSOR COOLING (DISTILLED WATER)									
SKW-TI-401 Temp (F) SKW-ST-401 Conduct. (uS) SKW-PI-440 sensor supply (PSIG) GASES Gas Initial (PSIG) Final (PSIG)									
Main Air 1250.0 1200.0 Shield None None None Purge None None None low-side P Roto Roto									
VACUUM SYSTEM Pump Base Pressure (GS-PI-381) ———————————————————————————————————									
POST-TEST PHOTO									
FOST-TEST FILOTO									
NOTES (include notes from checklist)									