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6x22 RF w/ RFN Source Checkout

These data are representative of a 6x22 cm RF/RFN internal mount source with divergent grids. Actual run data will vary with specific system conditions.
These data are for general information purposes only. Testing was done with Argon to the Source and RFN while background had 20 sccm Oxygen.

Gas Flow	Gas Flow	Gas Type	Chamber	Beam		Accel		RF		Neutralizer		Probe	Beam Profile
Source	RFN		Pressure	Current	Voltage	Current	Voltage	FWD	REF	Emission	RF FWD	Distance	Data file
[sccm]	[sccm]		[x10-4 Torr]	[mA]	[V]	[mA]	[V]	[W]	[W]	[mA]	[W]	[cm]	
Source Check-out / Beam Envelope Check													
15.0	5	Argon/Ox	5.2	100	100	4	400	165	0	150	40		
15.0	5	Argon/Ox	5.2	250	100	8	550	226	0	375	50		
15.0	5	Argon/Ox	5.2	400	100	13	750	375	0	600	60		
15.0	5	Argon/Ox	5.2	100	250	4	250	164	0	150	40		
15.0	5	Argon/Ox	5.2	300	250	11	450	300	0	450	40		
15.0	5	Argon/Ox	5.2	450	250	16	600	419	0	675	60		
15.0	5	Argon/Ox	5.2	100	500	3	200	161	0	150	40		
15.0	5	Argon/Ox	5.2	350	500	11	400	337	0	526	50		
15.0	5	Argon/Ox	5.2	450	500	14	300	419	0	675	60		
15.0	5	Argon/Ox	5.2	100	750	3	200	160	0	150	40		
15.0	5	Argon/Ox	5.2	350	750	11	200	321	0	525	50		
15.0	5	Argon/Ox	5.2	500	750	14	200	454	0	750	60		
15.0	5	Argon/Ox	5.2	100	1000	3	200	158	0	150	40		
15.0	5	Argon/Ox	5.2	350	1000	11	200	308	0	525	50		
15.0	5	Argon/Ox	5.2	500	1000	15	200	431	0	750	60		
15.0	5	Argon/Ox	5.2	100	1250	3	200	157	0	150	40		
15.0	5	Argon/Ox	5.2	350	1250	10	200	297	0	525	50		
15.0	5	Argon/Ox	5.2	550	1250	15	200	451	0	825	60		
15.0	5	Argon/Ox	5.2	100	1500	4	200	157	0	150	40		
15.0	5	Argon/Ox	5.2	400	1500	10	200	318	0	600	60		
15.0	5	Argon/Ox	5.2	600	1500	13	200	429	0	900	60		
Total Time on source:				min.									