

A coated tantalum tube was loaded with a graphite insert, a cap was inserted in one side and sealed

Date: 7/4/2019

Temp	one	Current	Vacuum	Comment
1560	5.28	335.53	6.27E-07	
1920	7.96	474.75	1.98E-06	
1936	8.12	480.56	2.03E-06	
1964	8.22	485.91	2.41E-06	
1970	8.37	489.75	2.74E-06	
1984	8.39	495.47	2.38E-06	
2000	8.45	500.25	2.41E-06	
1959	8.25	500.156	1.02E-06	After 1 hr
1975	8.37	504.18	1.07E-06	
2003	8.64	510.28	1.13E-06	Current increased
2010	8.64	510.28	8.31E-07	
2000	8.64	507.28	8.06E-07	Current decreased
2014	8.57	507.469	4.36E-07	
2012	8.55	505.87	4.41E+07	Current decreased
2003	8.51	504	3.80E-07	Current decreased
2001	8.45	503.15	3.67E-07	Current decreased
2055	8.89	503.25	2.72E-07	Voltage increased unexpectly (see V1)
2044	8.77	498.37	2.60E-07	Current was decreased to lower voltage and temperature
2033	8.67	495.469	2.51E-07	Current was decreased to lower voltage and temperature
2032	8.61	494.53	2.44E-07	Current was decreased to lower voltage and temperature
2026	8.57	492.56	2.36E-07	Current was decreased to lower voltage and temperature
2018	8.52	489.65	2.29E-07	Current was decreased to lower voltage and temperature
2015	8.5	488.63	2.20E-07	Current was decreased to lower voltage and temperature
2010	8.46	486.84	2.15E-07	Current was decreased to lower voltage and temperature
2004	8.4	483.46	2.11E-07	Current was decreased to lower voltage and temperature
2026	8.55	483.56	2.03E-07	Voltage increased unexpectly (see V2)
2015	8.47	480.65	1.99E-07	Current was decreased to lower voltage and temperature
2000	8.38	477.18	1.85E-07	Current was decreased to lower voltage and temperature
2030	8.7	476.9	9.40E-07	Voltage increased unexpectly (see V2)
2000	8.44	466.22	1.77E-07	Current was decreased to lower voltage and temperature
2005	8.42	466.125	1.32E-07	
2009	8.5	466.311	1.35E-07	
2009	8.42	466.22	1.35E-07	
2020	8.58	466.219	1.40E-07	
2017	8.59	466.22	1.41E-07	
2018	8.55	466.132	1.31E-07	
2007	8.55	466.219	1.29E-07	
2020	8.55	466.22	1.29E-07	
2011	8.5	466.125	1.15E-07	
2011	8.47	466.219	1.13E-07	
2014	8.45	466.219	1.13E-07	
2008	8.467	466.219	1.15E-07	