

Model VKT2438P2
Serial # EO735M4

Frequency ~ 141GHz

AVG Frequency	STDEV Freq	Cathode Voltage	Cathode Current	Anode Voltage	Helix Current	Filament Voltage	Filament Current	Tuner Position	Power
GHz		kV	mA	kV	mA	kV	mA		mW
140.0067	0.0005	9.48	104.1	5.48	2.5	6.32	808	6.25	0.33
140.9873	0.0002	9.48	102.5	5.48	2.5	6.32	802	7.024	0.3
142.3471	0.0006	9.48	99.6	5.48	2.79	6.32	815	7.79	0.15
140.05878	0.0026	9.66	101.6	5.48	2.18	6.31	814	6.245	0.24
141.5778	0.0007	9.66	105	5.48	2.23	6.31	808	7.359	0.36
137.8566	0.0005	9.66	102.7	5.48	2.62	6.31	811	8.473	0.26
140.4561	0.0015	9.77	104.1	5.48	1.94	6.31	807	6.531	0.36
141.5293	0.0006	9.77	105	5.48	1.97	6.31	805	7.312	0.42
143.0268	0.0003	9.77	104.5	5.48	2.22	6.31	805	8.093	0.37
141.5299	0.0008	9.97	106.1	5.48	1.77	6.31	804	7.258	0.4
143.132	0.0006	9.97	105.8	5.48	1.83	6.31	804	8.135	0.44

Encountered many holes while tuning the pot where the power drops and the frequency goes to zero

When the pot is tuned to about 8.0, the frequency is near its maximum value (~143). However, when tuned past that point to ~8.4, the frequency drops down to a min (~137)