



Test Date 07/03/22

Model #	450W EKU	ETM Electromatic Inc		13.75GHz – 14.5GHz		
S/N	H1116	P/N A28800-000	120-230V	50/60 Hertz		
Testing Notes	<p>JUMPER REQUIRED on J2, DB15 pins 3 to 4 and 10 to 11</p> <p>System Hours 9932</p> <p>Beam Hours (RF ON) 7979</p> <p>Gain Set to 100% = Unit Gain &gt;60dB</p> <p><b>Helix I @ 150W = 2.7mA</b></p> <p>it only has 332 days of beam on time and 413 of powered up time. Also, Helix I is only at 2.7mA @ 1/2 power</p>					
Input Level	13.75GHz		14.1GHz		14.5GHz	
	Measured Power	Front Panel	Measured Power	Front Panel Reading	Measured Power	Front Panel Reading (W)
-20	54.05	260	53.2	219	50.32	109
-18	54.94	316	54.4	277	52.03	168
-16	55.51	361	54.93	314	53.5	235
-14	55.89	394	55.58	364	54.49	297
-12	56	405	56	398	55.19	345
-11	56.08	413	56.12	411	55.45	366
-10			56.21	418	55.63	380
-9			56.25	422	55.75	391
-8					55.83	397
-7					55.87	401
-6						
-5						
-4						
-3						
-2						
-1						
<b>PSAT Measured @ Flange</b>	<b>405W</b>		<b>422W</b>		<b>386W</b>	