



1140 Holland Dr
 Boca Raton, FL 33487
 Aug-22

Model #	350W EKU	ETM Electromatic Inc	13.75GHz – 14.5GHz
S/N	1104		

Testing Notes	JUMPER REQUIRED on J2, DB15 pins 3 to 4 and 10 to 11		Provided
	System Hours	4942	
	Beam Hours (RF ON)	3865	
	Gain Set to 100% = Unit Gain >70dB		
Helix I @ 150W = 2.0mA			

Input Level	13.75GHz		14.1GHz		14.5GHz	
	Measured Power	Front Panel Reading	Measured Power	Front Panel Reading	Measured Power	Front Panel Reading
-20	50.19	109W	48.75	78W	47.31	59W
-18	51.91	160W	51.47	146	48.95	87W
-16	53.32	219W	53.05	207W	50.96	137W
-15	53.86	249W	53.68	240W	51.94	171W
-14	54.35	276W	54.23	271W	52.84	209W
-13	54.78	305W	54.8	300W	53.58	248W
-12	55.16	330W	55.13	330W	54.18	283W
-11	55.47	353W	55.39	357W	54.71	317W
-10	55.69	370W	55.77	379W	55.16	350W
-9	55.84	383W	55.96	394W	55.5	376W
-8	55.91	390W			55.74	398W
-7					55.88	410W
-6						
-5						
PSAT Measured @ Flange	390W		394W		387W	