



1140 Holland Dr
Boca Raton, FL 33487

Test Date 23-Aug

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					
	System Hours	4848				
	Beam Hours (RF ON)	3846				
	Gain Set to 100% = Unit Gain >70dB Helix I @ 150W = 2.2mA					

Input Level	13.75GHz		14.1GHz		14.5GHz	
	Measured Power	Front Panel Reading	Measured Power	Front Panel Reading	Measured Power	Front Panel Reading
-30	44.86	29W	43.37	20W	42.86	19W
-28	46.69	45W	45.34	34W	44.78	31W
-26	48.41	68W	47.17	52W	46.61	48W
-24	50.12	101W	48.81	76W	48.38	73W
-22	51.35	135W	50.46	113W	50.08	110W
-20	52.54	176W	51.84	156W	51.55	154W
-19	53.03	197W	52.43	178W	52.18	178W
-18	53.45	217W	52.97	201W	52.73	201W
-17	53.84	236W	53.43	223W	53.21	224W
-16	54.19	254W	53.84	245W	53.64	247W
-15	54.49	272W	54.2	265W	54.03	270W
-14	54.73	286W	54.54	285W	54.39	291W
-13	54.9	297W	54.8	303W	54.65	308W
-12	55	303W	54.99	315W	54.84	322W
-11	55.02	305W	55.11	324W	54.96	331W
-10			55.19	330W	55.04	337W
PSAT Measured @ Flange	349.9W		393W		419W	