

# newera systems

Model #	VZU6994A3	CPI 400W TWT	13.75 to 14.5 GHz		
S/N	1147				
Beam Hours	16,860 hours	Heater Hours	17100 hours		
Helix Current	No O/P Power	1/2 power	Full Power		
	1.3mA	2.3mA	3.7mA		

Testing Notes  
 Attenuator Setting, Midway, 5dB  
 Power Readings are at the flange (dBm)  
 Jumper J8 Pins 1 & 2 and pins 3 & 4 (Jumpers provided)  
 Jumper J5 pins 14 & 15 (Jumpers provided)  
 3rd Order Intermod Check - 24dBc @ 7dB Back off  
 Factory Specification = 338W at the flange

Test Date	9/1/2017 -DF
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Input Level	13.75GHz		14.125GHz		14.5GHz	
	Measured Power	Meter Reading	Measured Power	Meter Reading	Measured Power	Meter Reading
-15	42.33	41	41.99	41.5	40.53	40.2
-13	44.45	43.2	44.05	43.6	42.58	42.3
-11	46.49	45.3	46.07	45.7	44.63	44.5
-9	48.3	47.2	48.11	47.8	46.81	46.7
-7	50.18	49	50.02	49.7	48.78	48.8
-6	50.98	49.9	50.83	50.5	49.75	49.8
-5	51.72	50.6	51.55	51.3	50.63	50.6
-4	52.47	51.4	52.32	52	51.49	51.5
-3	53.1	52	52.91	52.6	52.21	52.3
-2	52.6	53.65	53.44	53.2	52.8	53
-1	54.21	53.2	53.91	53.6	53.31	53.5
0	54.69	53.6	54.29	54	53.7	53.9
1	54.96	53.9	54.59	54.3	54.03	54.2
2	55.11	54.1	54.78	54.6	54.32	54.5
3	55.27	54.2	54.91	54.6	54.53	54.7

4	55.33	54.3	55.09	54.8	54.68	54.8
					54.8	54.9
<b>SATURATION</b>	<b>341 Watts</b>		<b>322 Watts</b>		<b>302 Watts</b>	

