



Eyal MAG Ltd.

Phone: 972-9-7499100 Fax: 972-9-7493669

Kibbutz Eyal D.N. Hasharon Hatichon 45840 Israel

Web: www.eyal-mag.com Email: emi@eyal-emi.com



Power Amplifier Specification MODEL:PA-1907-00

#	Parameter	Description
1.	Frequency Band :	<u>200-400 Mhz</u>
2.	Output Power @ 1 db Comp. Point :	<u>44 dBm min</u>
3.	Gain :	<u>34 db</u>
4.	Input Power :	<u>10 dbm</u>
5.	DC Current @ output power of 44 dBm :	<u>4,0 A max</u>
6.	Voltage:	<u>28v (nominal)</u>
7.	Spurious Output:	<u>N/A</u>
8.	Harmonics:	<u>N/A</u>
9.	Gain Flatness within :	
	* any segments of 10 Mhz :	<u>1 db max</u>
	* any bandwidth:	<u>3,5 db max</u>
10.	Gain Variation over Temperature :	<u>2 dB max</u>
11.	VSWR (In/Out) :	<u>2.0:1 max</u>
12.	Load Capability :	<u>30.0 : 1</u>
13.	Protection :	<u>YES</u>
14.	Enable:	<u>N/A</u>
15.	Indication for Reflected @ V.S.W.R > 3.0:1 :	<u>YES</u>
16.	Operating temperature (@ base plate):	<u>-10°c to +65°c</u>
17.	Connectors (In/Out):	<u>SMA (Female)</u>
18.	Weight :	<u>1.1 Kg</u>