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**Development Specification
for
8W DL Final Amplifier for MR801B/MR801Bi**

Issue	Change	Date	Name	Approved
A	Initial Release	01.10.99	Leupold	
B	Second Release	22.12.99	Leupold	

Detailed description of changes

Revision :	A	Initial Release
	B	Temp. Drift corrected
	C	
	D	

ID: 151970	
Final-Amp. for MR801B/MR801Bi DOWNLINK	
Frequency Range Downlink	851 - 894Mhz
Bandwidth	43Mhz
Nominal Gain at ambient (CF)	31,5dB
Gain Variation over Frequency	$\pm 0,3\text{dB}$
Gain Variation over Temp.	$\pm 1.0\text{dB}$
ICP3 Output	49dBm min
Psat	39dBm typ.
Return Loss Input	15dB min
Return Loss Output	20dB min
Nominal Impedance	50 Ohm
Current Consumption	12,5V=2,2A $\pm 0,2\text{A}$
Mech. Dwg.	G0854Z1A
Main DC-Connector	
Pin 1	NC
Pin 2	NC
Pin 3	NC
Pin 4	NC
Pin 5	NC
Pin 6	NC
Pin 7	NC
Pin 8	NC
Pin 9/10	NC
Pin 11/12	GND
12V Connector	
Pin 1	12,5V
Pin 2	12,5V
Environmental Specifications	
Operating Temperature Range	From -33° to +75°