MI-WAVE®

Millimeter Wave Products Inc.

980 Series Upconverter

92 GHz - 96 GHz Transmitter

CUSTOMER: .

NOTE:

MODEL NO: 980W Transmitter

SERIAL NO: 401

ITEM NO	SPECIFICATION		TEST DATA
1.	IF Input Frequency	9 ± 0.25 GHz	9 ± 0.25 GHz
2.	IF Power Level	0 - 10 dBm	+5 dBm
3.	LO Input Frequency	10.5 - 11 GHz	10.5 - 11 GHz
4.	LO Power Level	0 - 5 dBm	+5 dBm
5.	RF Output Frequency	92 - 96 GHz	92 - 96 GHz
6.	RF Output Power	+4 dBm	+9 dBm ± 1 dBm
7.	TTL Control For Switch		
	TTL Low: 0V - 0.5V	LO Switch On	
	TTL High: +5V	LO Switch Off	
	TTL High +5V MAX		

TESTED BY: LNS

DATE: 2021-03-03

ATTENTION
OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
SENSITIVE DEVICES

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ITEM NO	SPECIFICATION		TEST DATA
8.	Bias	+6V	+6V @ 500mA
		+12V MAX	
9.	Max IF Input Power Level	**+15 dBm MAX**	
10.	Max LO Input Power Level	**+5 dBm MAX**	

1. Case temperature of the Transmitter should never exceed above +60°C.

2. Warranty Void if RF Input Power and/or DC Voltage exceeds maximum rating specified above.

3. Reverse biasing will destroy the amplifier. Warranty void.

4. All data taken @ +23°C unless otherwise specified.

5. Do not put any foreign objects inside the waveguide. Warranty void.

TESTED BY: LNS

DATE: 2021-03-03