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Power Amplifier Specification

MODEL: PA-4031-00

REV: A

PROJECT: 9820 4031 00

#	PARAMETER	DESCRIPTION	COMENTS
1	Frequency Band	1040÷1250 MHz	
2	Peak Output Power	55 dBm peak min.	
3	Input Peak Power	10 dBm / ±2 dBm	
4	Pulse Width	0.5-7 µSec ; 30µSec	
5	Duty Cycle	13 %	
6	Pulse Droop	0.5 dB Max @ 7µSec 1.5 dB Max @ 30µSec	
7	Rise/Fall Time	50nSec Max	
8	2 nd & 3 rd Harmonic	30 dBc Min .	
9	Input VSWR	2.0 : 1 Max	
10	Output VSWR	2.0 : 1 Max	
11	Voltage Supply	+32V , 6A Max @ 55dBm 15V, 0.3A Max	
12	Operating Temperature Range	-40° C to +55° C	Base Plate
13	Storage Temperature Range	-40° C to +85° C	