



**SUMMARY TEST DATA  
ON  
PTRAN-CC-100M18G-70-MAH**

PL19638/1629

Customer: \_\_\_\_\_ Tested By: RLCombs  
SO No: \_\_\_\_\_ Temperature: +25°C  
Model No: PTRAN-CC-100M18G-70-MAH Date: 9/14/2016  
Serial No: PL19638/1629 Drawing No: 27624305 Rev: A1

TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	J2 Input Frequency (RF RX Input)	100MHz-18.0GHz	<b>100MHz-18.0GHz</b>	
2	J2 Input Power Level	-62dBm to +8dBm Typical	<b>-62dBm to +8dBm</b>	
3	J4A Input Frequency (IF1 Input)	100MHz-4GHz	<b>100MHz-4GHz</b>	
4	J4A Input Power Level	0dBm Typ.	<b>0dBm</b>	
5	J4B Input Frequency (IF2 Input)	100MHz-4GHz	<b>100MHz-4GHz</b>	
6	J4B Input Power Level	0dBm Typ.	<b>0dBm</b>	
7	J9 Input Frequency (LO1 Input)	4GHz-20GHz	<b>4GHz-20GHz</b>	
8	J9 Input Power Level	+10dBm Typ.	<b>+10dBm</b>	
9	J10 Input Frequency (LO2 Input)	4GHz-20GHz	<b>4GHz-20GHz</b>	
10	J10 Input Power Level	+10dBm Typ.	<b>+10dBm</b>	
11	J3A Output Frequency (IF1 Output)	100MHz-4GHz	<b>100MHz-4GHz</b>	
12	J3A Output Power Level	0dBm Typ. for Limited SDLVA Ch	<b>+2.2dBm</b>	
13	J3B Output Frequency (IF2 Output)	100MHz-4GHz	<b>100MHz-4GHz</b>	
14	J3B Output Power Level	0dBm Typ. for Limited SDLVA Ch	<b>+2.2dBm</b>	
15	J5 Output Frequency (RF Transmit Output)	100MHz-18GHz	<b>100MHz-18GHz</b>	
16	J5 Output Power Level	-20dBm to -15dBm Typ. for 0 dB Attenuation	<b>-27.7dBm</b>	

7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731  
Email: [sales@pmi-rf.com](mailto:sales@pmi-rf.com)



**SUMMARY TEST DATA  
ON  
PTRAN-CC-100M18G-70-MAH**

PL19638/1629

17	J7 Output Frequency (RF Transmit BIT Output)	100MHz-18GHz	<b>100MHz-18GHz</b>	
18	J7 Output Power Level	-20dBm to -15dBm Typ. for 0 dB Attenuation	<b>-25.0dBm</b>	
19	Attenuation Range	0 to 31 dB Attenuation in 1 dB Typ. steps	<b>31dB</b>	
20	J8 Output Frequency (TX Sample Output)	100MHz-18GHz	<b>100MHz-18GHz</b>	
21	J8 Output Power Level	-40dBm to -30dBm Typ.	<b>-32 to -38dBm</b>	
22	Power Supply	+12V @ 2A Typ. +5V @ 1.5A Typ. +3.3V @ 0.5A Typ. -12V @ 1A Typ.	<b>+12V @ 0.58A +5V @ 0.48A +3.3V @ 0.02A -12V @ 0.66A</b>	
23	SDLVA Data Attached	<b>SDLVA-100M18G-CW-70-MAH Serial Number 19629</b>		

QA/QC Approval: \_\_\_\_\_ Date: \_\_\_\_\_