



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

PL30453/2041

Customer:		Tested By: <u>E. Kretz</u>	
SO No:		Temperature: <u>+25°C</u>	
Model No:	<u>PTRAN-CC-100M18G-70-MAH</u>	Date: <u>10/30/2020</u>	
Serial No:	<u>PL30453/2041</u>	Drawing No: <u>27624305</u>	Rev: <u>A1</u>

TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	J2 Input Frequency (RF RX Input)	100MHz-18.0GHz	100MHz-18.0GHz	PMI QA 2
2	J2 Input Power Level	-62dBm to +8dBm Typical	-62dBm to +8dBm	
3	J4A Input Frequency (IF1 Input)	100MHz-4GHz	100MHz-4GHz	
4	J4A Input Power Level	-8dBm Typ.	-8dBm	
5	J4B Input Frequency (IF2 Input)	100MHz-4GHz	100MHz-4GHz	
6	J4B Input Power Level	-8dBm Typ.	-8dBm	
7	J9 Input Frequency (LO1 Input)	4GHz-20GHz	4GHz-20GHz	
8	J9 Input Power Level	+10dBm Min. +20dBm Max.	+15 dBm	
9	J10 Input Frequency (LO2 Input)	4GHz-20GHz	4GHz-20GHz	
10	J10 Input Power Level	+10dBm Min. +20dBm Max.	+15 dBm	
11	J3A Output Frequency (IF1 Output)	100MHz-4GHz	100MHz-4GHz	
12	J3A Output Power Level	-5dBm Max for Limited SDLVA Ch	-5dBm Max	
13	J3B Output Frequency (IF2 Output)	100MHz-4GHz	100MHz-4GHz	
14	J3B Output Power Level	-5dBm Max. for Limited SDLVA Ch	-5dBm Max	
15	J5 Output Frequency (RF Transmit Output)	100MHz-18GHz	100MHz-18GHz	
16	J5 Output Power Level	-20dBm to -15dBm Typ. for 0 dB Attenuation	-28.2dBm	PMI QA 2



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17	J7 Output Frequency (RF Transmit BIT Output)	100MHz-18GHz	100MHz-18GHz	PMI QA 2
18	J7 Output Power Level	-20dBm to -15dBm Typ. for 0 dB Attenuation	-25.0dBm	
19	Attenuation Range	0 to 31 dB Attenuation in 1 dB Typ. steps	31dB	
20	J8 Output Frequency (TX Sample Output)	100MHz-18GHz	100MHz-18GHz	
21	J8 Output Power Level	-40dBm to -30dBm Typ.	-32 to -38dBm	
22	Power Supply	+12V @ 2A Typ. +5V @ 1.5A Typ. +3.3V @ 0.5A Typ. -12V @ 1A Typ.	+12V @ 0.57A +5V @ 0.50A +3.3V @ 0.04A -12V @ 0.67A	
23	SDLVA Data Attached	SDLVA-100M18G-CW-70-MAH Serial Number PL29996/2034		

QA/QC Approval:  PMI
QA 2 Date: 11/2/20