



**SUMMARY TEST DATA
ON
P1T-18G40G-90-1515-292FF**

Customer: _____ Tested By: Bryan K.
SO No: _____ Temperature: +25 C
Model No: P1T-18G40G-90-1515-292FF Date: 2/3/2021
Serial No: PL31349/2105 Drawing No: 27612231 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	18 GHz – 40 GHz	18 GHz – 40 GHz	PMI QA 2
2	Insertion Loss:	5.0 dB Max	4.85 dB See Plot	
3	Isolation:	90 dB Min.	90.48 dB See Plot	
4	VSWR: (IN/OUT)	1.5:1 Goal. 2.0:1 Max.	1.89 :1 See Plot	
5	Switching Speed: (10% to 90% RF)	15 ns Goal. 25 ns Max.	See Typical Characteristics	
6	Input Power:	+23 dBm CW Max.	Pass	
7	DC Supply:	+15VDC @ 100 mA -15VDC @ 100 mA	+15 VDC @ 8 mA -15 VDC @ 17 mA	
8	Control Signal:	0 VDC J1 - J2 (On) +5VDC J1 – J2 (Off)	Pass	PMI QA 2

QA/QC Approval: _____

PMI
QA 2

Date: _____

2/3/21



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Insertion Loss and Return Loss



Isolation

