



**SUMMARY TEST DATA
ON
P1T-DC40G-65-T-292FF-1NS-OPT18G**

PL28139/2011

Customer: _____	Tested By: <u>L. McGraw</u>
SO No: _____	Temperature: <u>+25°C</u>
Model No: <u>P1T-DC40G-65-T-292FF-1NS-OPT18G</u>	Date: <u>03/16/20</u>
Serial No: <u>PL28139/2011</u>	Drawing No: <u>27625063</u> Rev: <u>A1</u>

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	DC to 18GHz	10MHz to 18GHz See Plots	PMI QA 1
2	Isolation:	60dB Typ, 55dB Min	62dB See Plots	
3	Insertion Loss:	4.5dB Typ, 5.0dB Max	3.5dB See Plots	
4	VSWR In/Out:	2.0:1 Typ, 2.2:1 Max	1.8:1 See Plot	
5	Input Power:	+17dBm CW Max	Pass	
6	Switching Speed:	6ns Typ, 7ns Max	6ns Typ, 7ns Max See Typical Characteristics	
7	Rise/Fall Time:	1ns Typ, 2ns Max	1ns Typ, 2ns Max See Typical Characteristics	
8	Control Signal:	TTL "1" On	Pass	
9	Video Transients:	300 MHz BW (2-18GHz) : 85mV P-P 20 MHz BW (2-18 GHz) : 15mV P-P	300 MHz BW (2-18GHz) : 85mV P-P 20 MHz BW (2-18 GHz) : 15mV P-P	
10	DC Voltage:	+8 to +15V @ 15mA Max -8 to -15V @ 40mA Max	+8 to +15V @ 8mA -8 to -15V @ 27mA	PMI QA 1

QA/QC Approval:  PMI QA 1 Date: 3/24/20

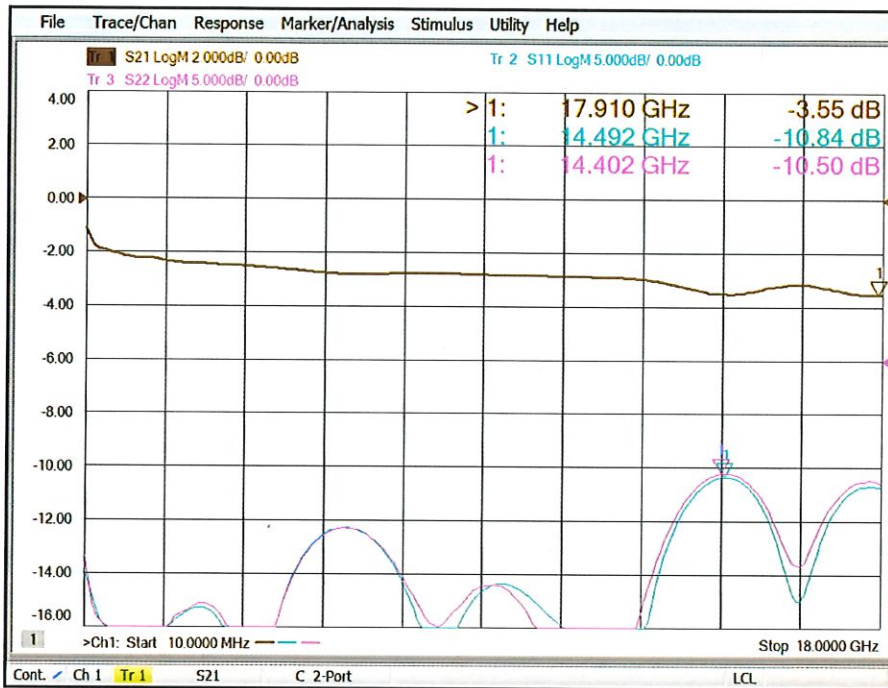
7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com



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Insertion Loss and Return Loss (J1 – J2)



Isolation and Termination (J1 – J2)



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