



**SUMMARY TEST DATA
ON
P1T-DC40G-65-T-292FF-1NS-OPT18G-50OHM**

PL37363/2230

Customer: _____ SO No: _____ Model No: <u>P1T-DC40G-65-T-292FF-1NS-OPT18G-50OHM</u> Serial No: <u>PL37363/2230</u>	Tested By: <u>L. McGraw</u> Temperature: <u>+25°C</u> Date: <u>07/29/21</u> Drawing No: <u>27630283</u> Rev: <u>A1</u>
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TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range	DC to 18 GHz	DC to 18 GHz See Plot	PMI QA 2	
2	Isolation	60 dB Typ, 55 dB Min	61dB See Plot		
3	Insertion Loss:	4.5 dB Typ, 5.0 dB Max	4.1dB See Plot		
4	VSWR In/Out	2.0:1 Typ, 2.2:1 Max	1.8:1 See Plot		
5	Input Power	+17 dBm CW Max	Pass		
6	Switching Speed	6 ns Typ, 7 ns Max	2.7ns See Typical Characteristics		
7	Rise/Fall Time	1 ns Typ, 2 ns Max	0.6ns See Typical Characteristics		
8	Control Signal	TTL "1" On	Pass		
9	Video Transients	300 MHz BW (2 to 18 GHz) : 85 mV P-P 20 MHz BW (2 to 18 GHz) : 15 mV P-P	Pass		
10	DC Voltage	+8 to +15 V @ 15 mA Max -8 to -15 V @ 40 mA Max	+8 to +15 V @ 6 mA -8 to -15 V @ 27 mA		PMI QA 2

QA/QC Approval: _____

PMI
QA 2

Date: 8/8/2022

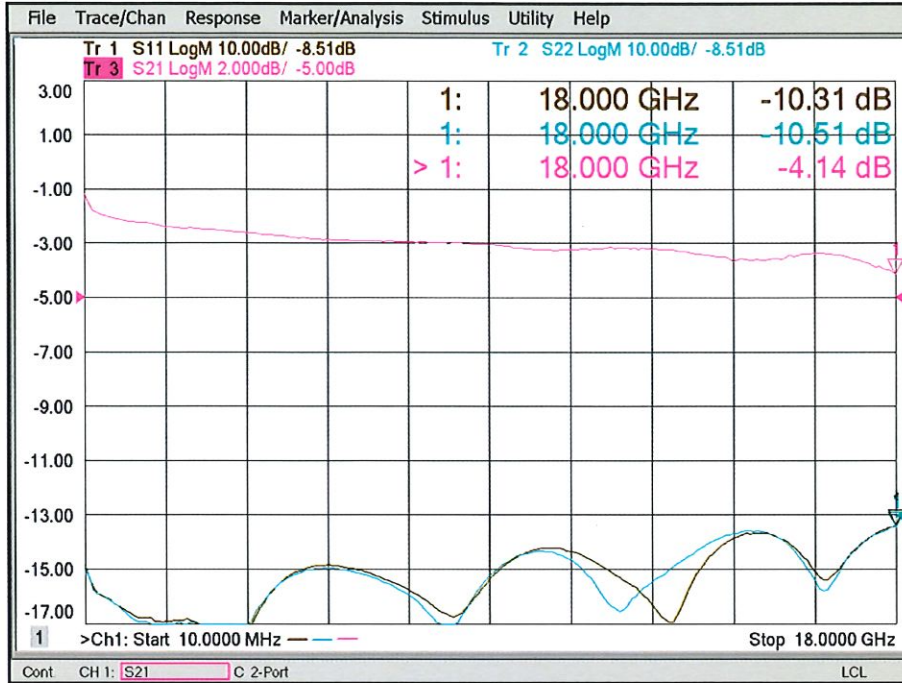
7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com



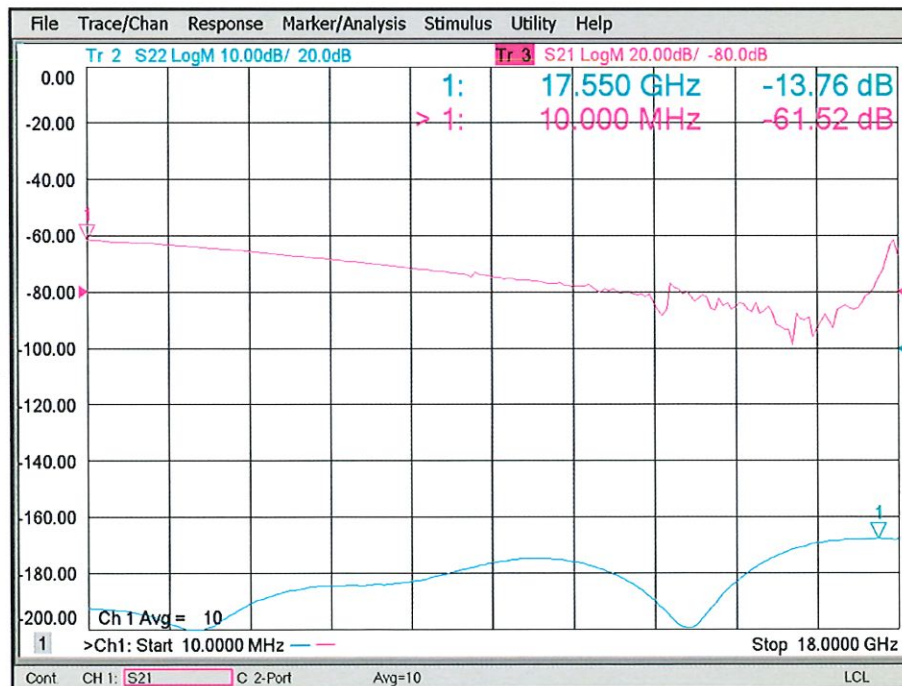
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Insertion Loss and Return Loss (J1 – J2)



Isolation and Termination (J1 – J2)



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