



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

PL37362/2230

Customer: \_\_\_\_\_ Tested By: L. McGraw  
SO No: \_\_\_\_\_ Temperature: +25°C  
Model No: P1T-DC40G-65-T-292FF-1NS-OPT18G-50OHM Date: 07/29/21  
Serial No: PL37362/2230 Drawing No: 27630283 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	DC to 18 GHz	DC to 18 GHz See Plot	PMI QA2
2	Isolation	60 dB Typ, 55 dB Min	61dB See Plot	
3	Insertion Loss:	4.5 dB Typ, 5.0 dB Max	4.2dB See Plot	
4	VSWR In/Out	2.0:1 Typ, 2.2:1 Max	2.1:1 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 QA2

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

PMI  
QA2

Date: \_\_\_\_\_

8/8/2022

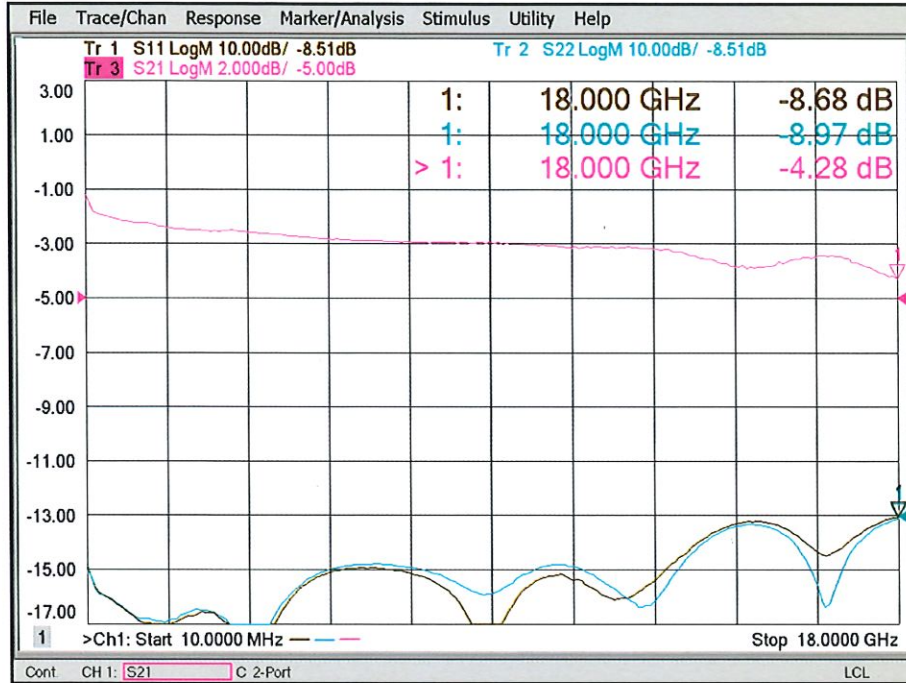
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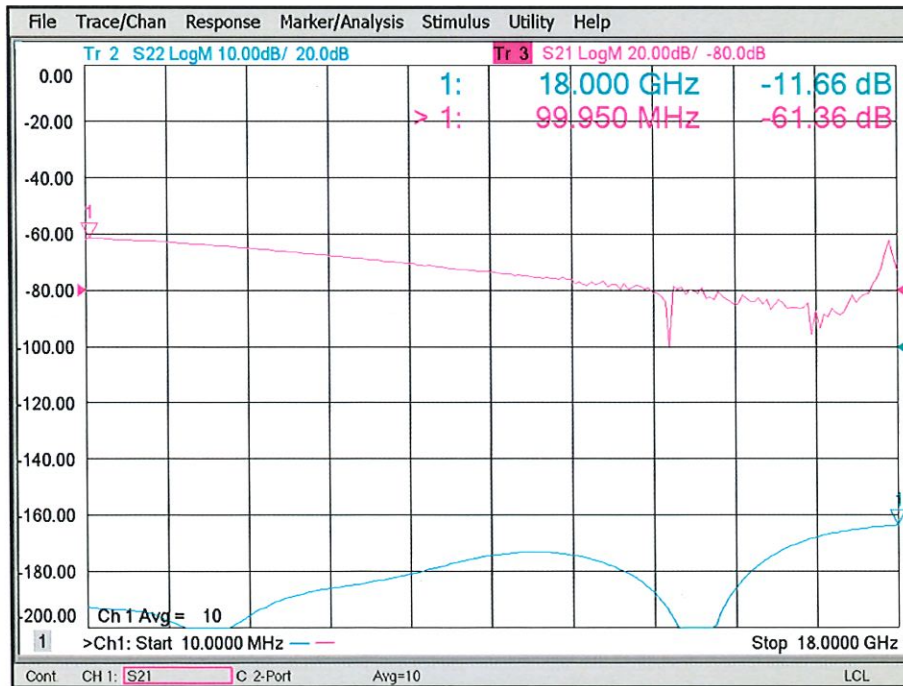
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**Insertion Loss and Return Loss (J1 – J2)**



**Isolation and Termination (J1 – J2)**



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