



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

PL31032/2052

Customer: \_\_\_\_\_ Tested By: L. McGraw  
 SO No: \_\_\_\_\_ Temperature: +25°C  
 Model No: P1T-DC40G-65-T-292FF-1NS-OPT18G-50OHM Date: 12/21/2020  
 Serial No: PL31032/2052 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 QA 2
2	Isolation	60 dB Typ, 55 dB Min	63.7dB See Plot	
3	Insertion Loss:	4.5 dB Typ, 5.0 dB Max	3.8dB See Plot	
4	VSWR In/Out	2.0:1 Typ, 2.2:1 Max	1.9:1 See Plot	
5	Input Power	+17 dBm CW Max	Pass	
6	Switching Speed	6 ns Typ, 7 ns Max	7 ns See Typical Characteristics	
7	Rise/Fall Time	1 ns Typ, 2 ns Max	2 ns 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 @ 5 mA -8 to -15 V @ 28 mA	PMI QA 2

QA/QC Approval:  PMI QA 2  Date: 12/22/20

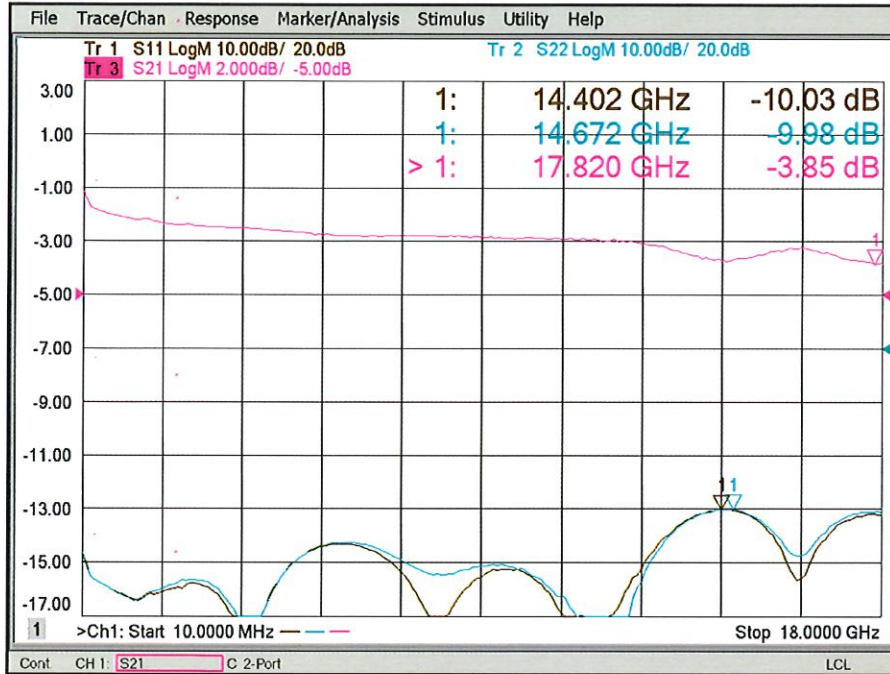
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**(J1-J2) INSERTION LOSS AND RETURN LOSS**



**(J1-J2) ISOLATION AND RETURN LOSS**

