



**SUMMARY TEST DATA  
ON  
P1T-DC40G-65-T-292FF-1NS-OPT812**

PL28141/2011

Customer: \_\_\_\_\_ Tested By: L. McGraw  
SO No: \_\_\_\_\_ Temperature: +25°C  
Model No: P1T-DC40G-65-T-292FF-1NS-OPT812 Date: 03/16/20  
Serial No: PL28141/2011 Drawing No: 27625063 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	8GHz to 12GHz	8GHz to 12GHz See Plots	PMI QA 1
2	Isolation:	60dB Typ, 55dB Min	71dB See Plots	
3	Insertion Loss:	4.5dB Typ, 5.0dB Max	3.0dB See Plots	
4	VSWR In/Out:	2.0:1 Typ, 2.2:1 Max	1.4:1 See Plot	
5	Input Power:	+17dBm CW Max	Pass	
6	Switching Speed:	6ns Typ, 7ns Max	6.6 ns See Typical Characteristics	
7	Rise/Fall Time:	1ns Typ, 2ns Max	1.8 ns 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	80 mV P-P 13 mV P-P See Plots	
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: \_\_\_\_\_

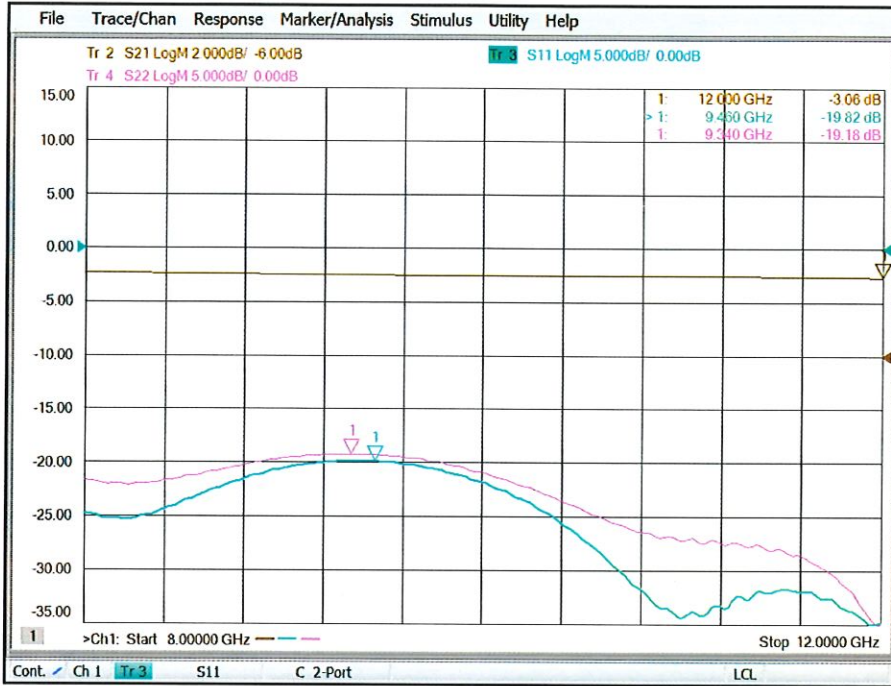
3/16/20



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



## Isolation and Termination (J1 – J2)

