



**SUMMARY TEST DATA  
ON  
P1T-DC40G-65-T-292FF-1NS-OPT18G-55**

PL20686/1711

Customer: \_\_\_\_\_ Tested By: Jerry N.  
SO No: SO16-340-S-PE Temperature: +25°C  
Model No: P1T-DC40G-65-T-292FF-1NS-OPT18G-55 Date: 03/20/17  
Serial No: PL20686/1711 Drawing No: 27631533 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	DC to 18GHz	DC to 18GHz See Plot	
2	Isolation:	60dB Typ, 55dB Min	62.10 dB See Plot	
3	Insertion Loss:	4.5dB Typ, 5.0dB Max	3.79 dB See Plot	
4	VSWR In/Out:	2.0:1 Typ, 2.2:1 Max	1.83 :1 See Plot	
5	Input Power:	+17dBm CW Max	Pass	
6	Switching Speed:	6ns Typ, 7ns Max	7 ns See Plot	
7	Rise/Fall Time:	1ns Typ, 2ns Max	2 ns See Plot	
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	Pass	
10	DC Voltage:	+5 V @ 15mA Max -5 V @ 40mA Max	+5 V @ 4 mA -5 V @ 24 mA	

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

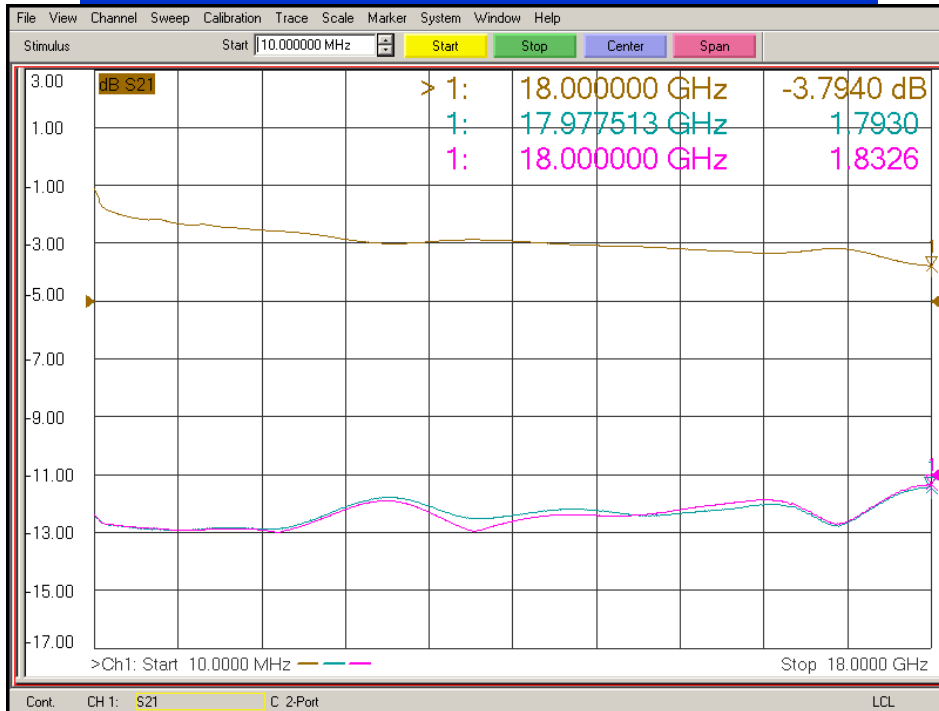
7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731  
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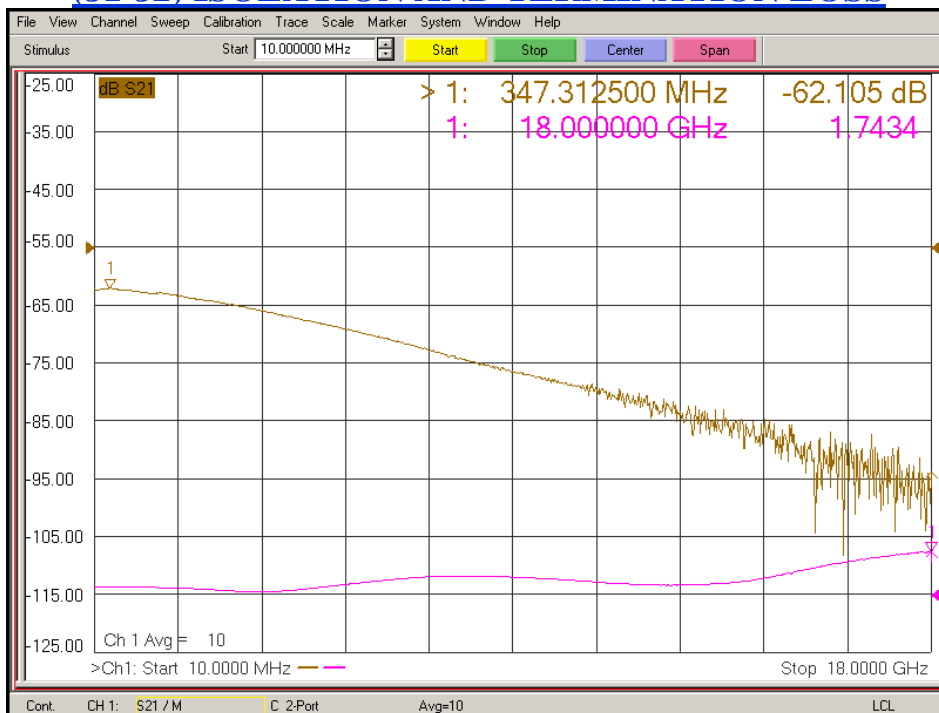
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**(J1-J2) INSERTION LOSS AND RETURN LOSS**



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



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