



**SUMMARY TEST DATA
ON
P2T-2G18G-55-T-512-SFF-LV-50OHM**

PL27998/2009

Customer: _____ Tested By: L. McGraw
SO No: _____ Temperature: +25°C
Model No: P2T-2G18G-55-T-512-SFF-LV-50OHM Date: 02/26/20
Serial No: PL27998/2009 Drawing No: 27630263 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	2.0 to 18.0 GHz	2.0 to 18.0 GHz	PMI QA1
2	Insertion Loss	3.0 dB Max	2.6 dB	
3	Isolation	55 dB Min	56 dB	
4	**VSWR	2.0:1 Max	1.94:1	
5	Input Power	+23 dBm CW Max (Oper.) +27 dBm CW Max (Surv.)	See Typical Characteristics	
6	*Switching Speed	50 ns Max	See Typical Characteristics	
7	Switching Rate PRF	5 MHz	See Typical Characteristics	
8	Video Leakage	50 mV Peak To Peak Max Measured @ 300 MHz BW	See Typical Characteristics	
9	***Control (2 Lines)	TTL "0" → (Insertion Loss) TTL "1" → (Isolation)	TTL "0" → (Insertion Loss) TTL "1" → (Isolation)	
10	DC Supply	+5 VDC @ 80 mA -12 VDC @ 80 mA	13mA @ +5 VDC 67mA @ -12 VDC	PMI QA1

*Ton = 50% TTL to 90% RF / Toff = 50% TTL to 10% RF

**STABILITY = Unconditional Under Any Input/Output VSWR Load

*** TTL"0" = 1.6 mA Max Sink @ 0.4 V / TTL"1" = 40 µA Max @ 2.4 V

QA/QC Approval: _____

PMI
QA1

Date: _____

2/27/20

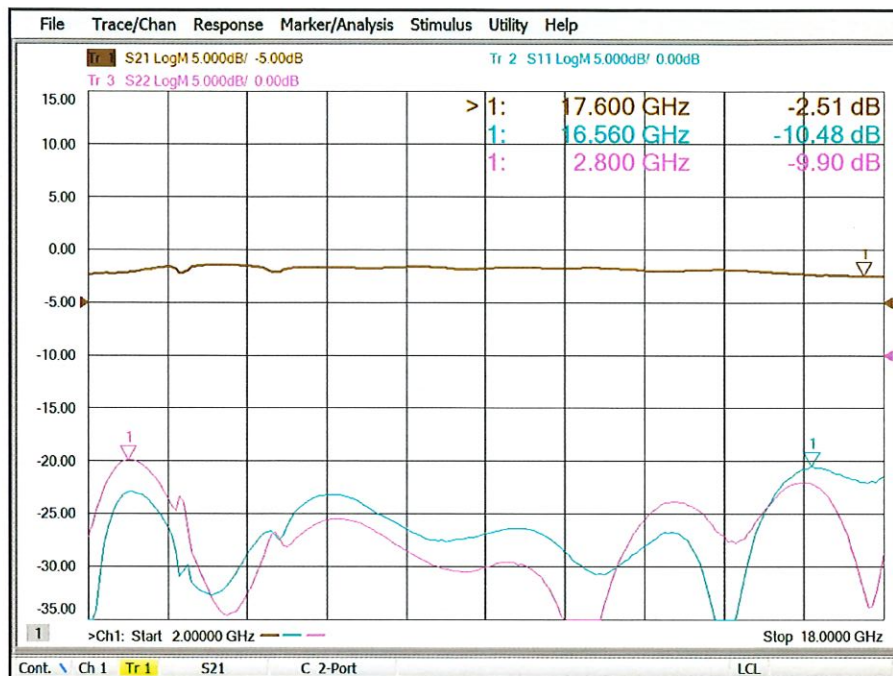
7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com



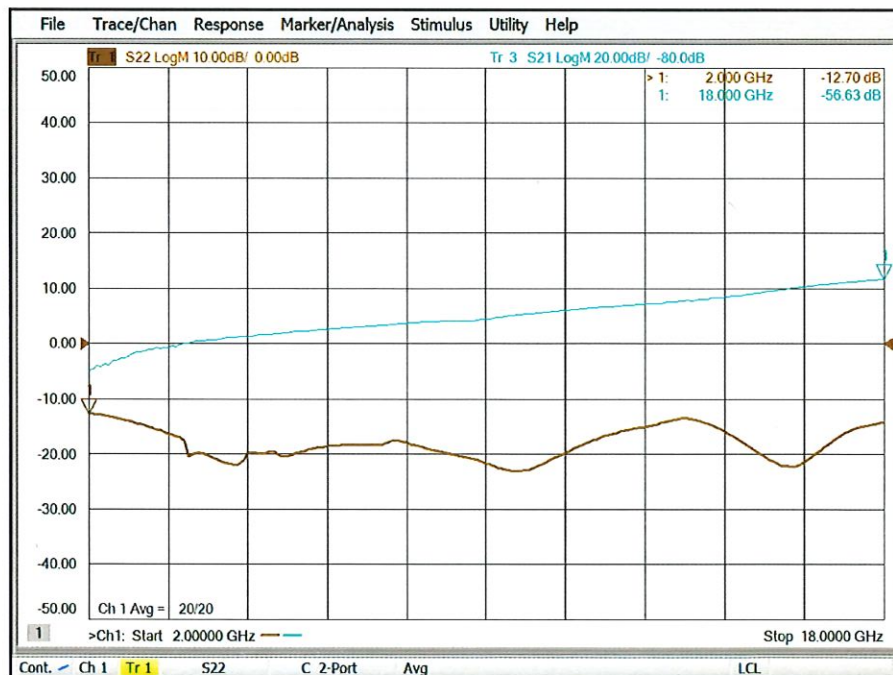
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Insertion Loss and Return Loss (J1 – J2)



Isolation and Termination (J1 – J2)

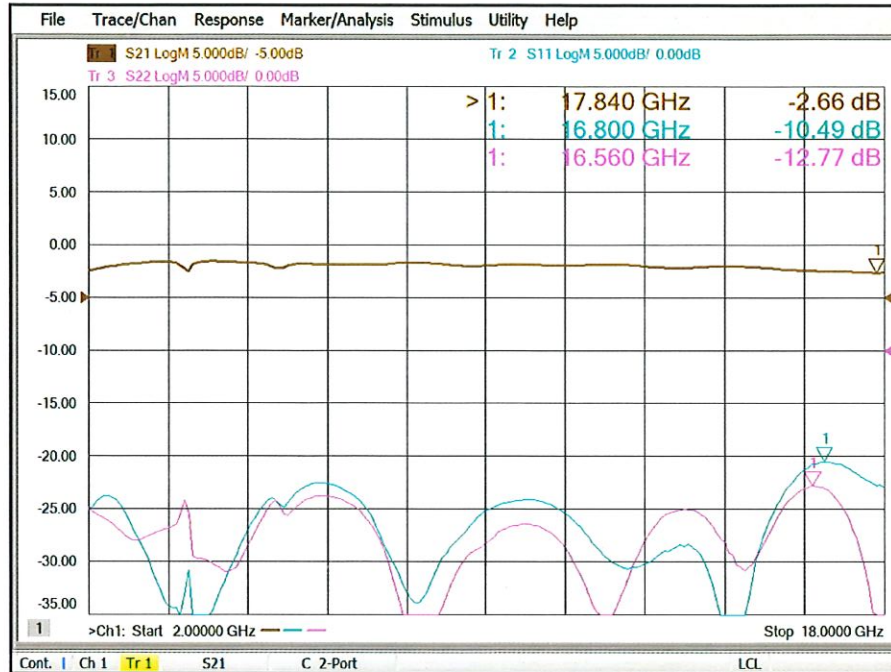




SUMMARY TEST DATA ON P2T-2G18G-55-T-512-SFF-LV-50OHM

PL27998/2009

Insertion Loss and Return Loss (J1 – J3)



Isolation and Termination (J1 – J3)

