



## SUMMARY TEST DATA ON P6T-2G20G-55-T-SFF

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: P6T-2G20G-55-T-SFF  
 Serial No: PL40018/2313

Tested By: K Craven  
 Temperature: +25° C  
 Date: 8/29/2024  
 Drawing No: 27626103 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	2 GHz - 20 GHz	2 GHz - 20 GHz	PMI QA2
2	Isolation	55 dB Min	64.1dB See Plot	
3	Insertion Loss	4.5 dB Max.	4.46dB See Plot	
4	Frequency Flatness	2 to 11 GHz (+1.0/-0.5 dB) 11 to 20 GHz (+2.0/-0.5 dB)	0.8dB / -0.3dB	
			1.4dB / -0.3dB	
			See Plot	
5	VSWR: In/Out	2.0:1 Max	1.88:1	
			1.8:1 See Plot	
6	VSWR: Out/Off	2.0:1 Max	1.88:1 See Plot	
7	Input Power	+20 dBm Operational +27 dBm Survival	Pass See Typical Characteristics	
8	RF Switching Speed	Rise: 30 ns Max (10% to 90%) Fall: 30ns Max (90% to 10%)	Pass See Typical Characteristics	
9	Video Leakage	<1.3V Max, 25ns Window	Pass See Typical Characteristics	
10	DC Voltage	+15 VDC @ 200 mA Max -5 VDC @ 100 mA Max	+15 VDC @ 80 mA -5 VDC @ 70 mA	
11	Control Signal	TTL Logic: "0" On, "1" Off	Pass	PMI QA2

QA/QC Approval:

PMI  
QA2

Date: 9/15/2024

7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731  
 Email: sales@pmi-rf.com



