

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

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: P6T-2G20G-55-T-SFF  
 Serial No: PL40575/2319

Tested By: S. O'Neill  
 Temperature: +25° C  
 Date: 11/25/2024  
 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	60.5dB See Plot		
3	Insertion Loss	4.5 dB Max.	4.37dB See Plot		
4	Frequency Flatness	2 to 11 GHz (+1.0/-0.5 dB) 11 to 20 GHz (+2.0/-0.5 dB)	0.7dB / -0.3dB 1.5dB / -0.5dB See Plot		
5	VSWR: In/Out	2.0:1 Max	1.93:1 1.89:1 See Plot		
6	VSWR: Out/Off	2.0:1 Max	1.98:1 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%)	Rise: 30 ns Max (10% to 90%) Fall: 30ns Max (90% to 10%)		
9	Video Leakage	<1.3V Max, 25ns Window	<1.3V Max, 25ns Window		
10	DC Voltage	+15 VDC @ 200 mA Max -5 VDC @ 100 mA Max	+15 VDC @ 41 mA -5 VDC @ 21 mA		
11	Control Signal	TTL Logic: "0" On, "1" Off	Pass		PMI QA2

QA/QC Approval:  PMI QA2

Date: 11/26/2024

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