

SUMMARY TEST DATA ON IRMX-8G12G-50-33-SFF

CUSTOMER: _____
SO: _____
MODEL NO: IRMX-8G12G-50-33-SFF
SERIAL NO: PL50890/2502

TESTED BY: Randy C. _____
TEMPERATURE: +25°C _____
DATE: 5/9/2025 _____
DRAWING NO: 27630800 _____ REV: B1

TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	LO Input Frequency Range	8.0 to 12.0 GHz	8.0 to 12.0 GHz	PMI QA2
2	RF Input Frequency Range	8.03 to 12.09 GHz	8.03 to 12.09 GHz	
3	IF Output Frequency Range	30 to 90 MHz	30 to 90 MHz	
4	IF Configuration	IF = RF - LO	Pass	
5	LO Power	+14 dBm MIN +15 dBm TYP +17 dBm MAX	Pass	
6	LO VSWR	1.4:1 TYP	1.78:1	
7	RF VSWR	3.0:1 TYP	2.6:1	
8	Conversion Loss	7.5 dB TYP 10.5 dB MAX	7 dB TYP 9.2 dB MAX	
9	LO-RF Isolation (No RF Input)	40 dB MIN 50 dB TYP	40 dB	
10	LO-IF Isolation (No RF Input)	55 dB TYP	52 dB	
11	Image Rejection (over IF Band)	23 dB MIN 33 dB TYP	31 dB	PMI QA2

QA/QC Approval:  PMI QA2

Date: 5/29/2025



Image Rejection (over IF Band)





