

SUMMARY TEST DATA ON IRMX-4G8G-55-35-SFF-HIGH

Customer: PL51222/2504 Tested By: Alex G.
Job No: PL51222/2504 Temperature: +25°C
Model No: IRMX-4G8G-55-35-SFF-HIGH Date: February 18th, 2025
Serial No: PL51222/2504 Drawing No: 27650520 Rev: A

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	4 to 8 GHz	Pass	PMI QA2
2	LO Power	+14 dBm Min +15 dBm Typ +17 dBm Max	Pass	
3	LO VSWR	1.4:1 Typ	Pass	
4	RF VSWR	2.0:1 Typ	Pass	
5	Conversion Loss	7.5 dB Typ 10.5 dB Max	Pass (See Plot)	
6	Noise Figure	8 dB Typ 10.5 dB Max	Pass	
7	Input IP3	+24 dBm Typ	Pass	
8	Input P1dB	+14 dBm Typ	Pass	
9	LO-RF Isolation	55 dB Typ 40 dB Min	Pass (See Plot)	
10	LO-IF Isolation	55 dB Typ	Pass (See Plot)	
11	Image Rejection	35 dB Typ 25 dB Min	Pass (See Plot)	
12	RF/IF Input Power W/O Damage	+23 dBm Max	Pass	PMI QA2

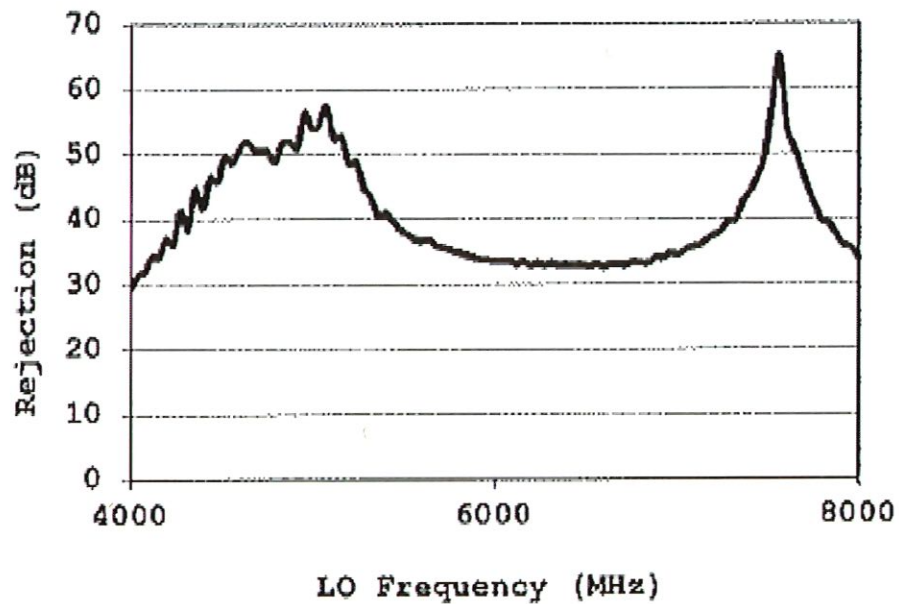
QA/QC Approval: 

PMI
QA2

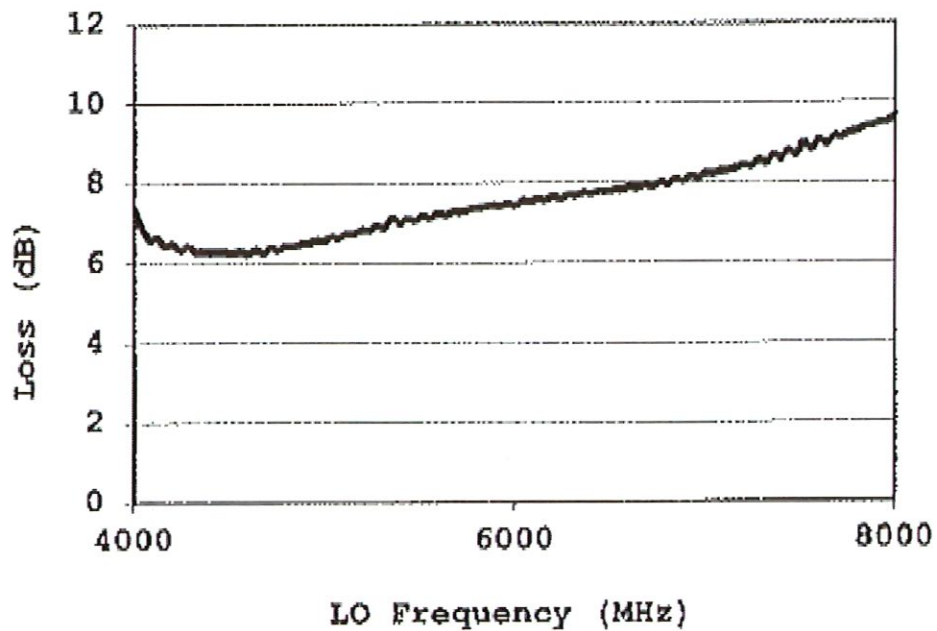
Date: 2/21/2025

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IMAGE REJECTION

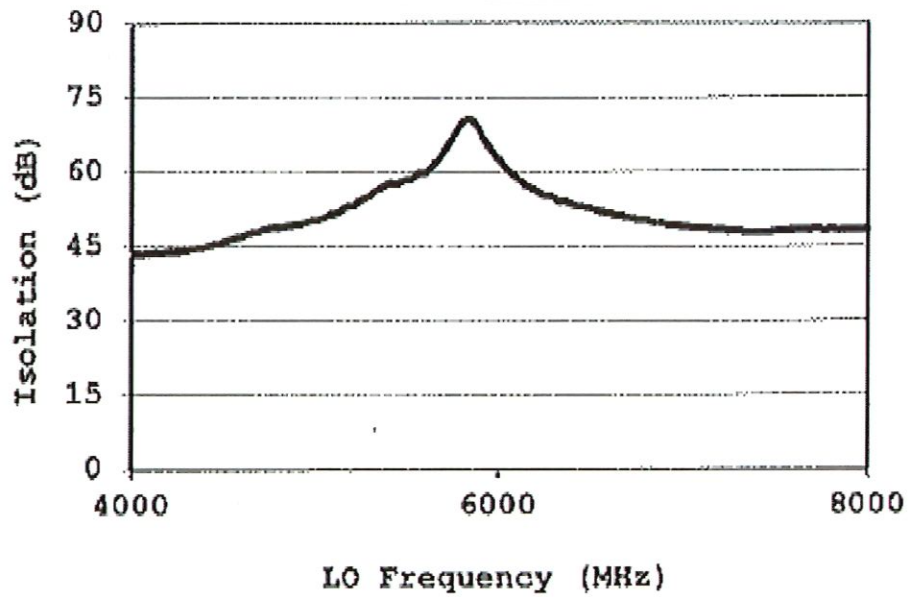


CONVERSION LOSS



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LO-RF ISOLATION



LO-IF Isolation

