

SUMMARY TEST DATA ON IRMX-2G4G-55-35-SFF-HIGH

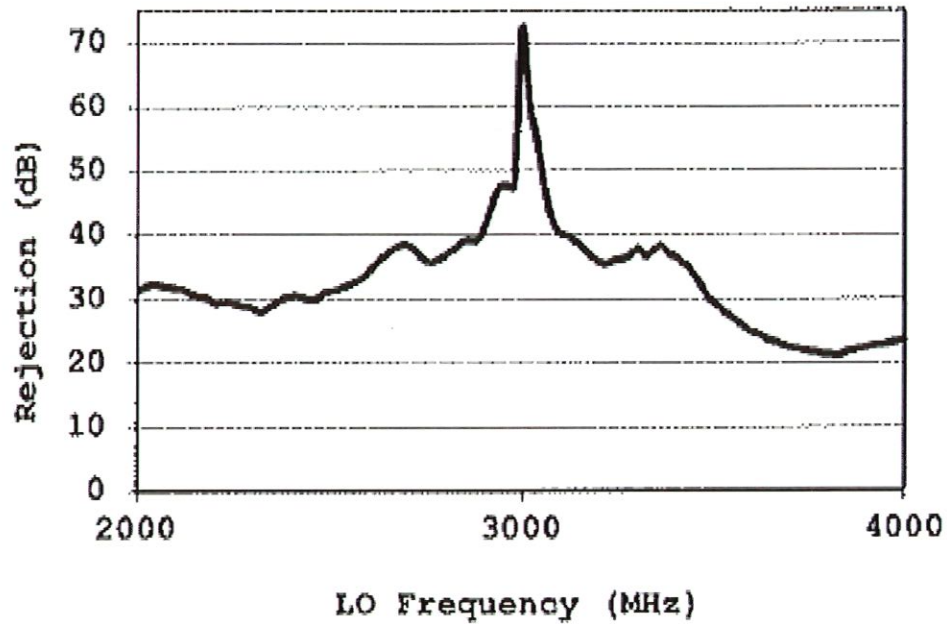
Customer: Boji, Inc. Tested By: Alex G.
Job No: 27650560 Temperature: +25°C
Model No: IRMX-2G4G-55-35-SFF-HIGH Date: February 18th, 2025
Serial No: PL51220/2504 Drawing No: 27650560 Rev: A

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	2 to 4 GHz	Pass	PMI QA2
2	LO Power	+13 dBm Min +15 dBm Typ +16 dBm Max	Pass	
3	LO VSWR	1.5:1 Typ	Pass	
4	RF VSWR	2.5:1 Typ	Pass	
5	Conversion Loss	9.5 dB Typ 12.5 dB Max	Pass (See Plot)	
6	Noise Figure	10 dB Typ	Pass	
7	Input IP2	+64 dBm Typ	Pass	
8	Input IP3	+17 dBm Typ	Pass	
9	Input P1dB	+6 dBm Typ	Pass	
10	LO-RF Isolation	55 dB Typ 45 dB Min	Pass (See Plot)	
11	LO-IF Isolation	45 dB Typ	Pass (See Plot)	
12	Image Rejection	35 dB Typ 20 dB Min	Pass (See Plot)	
13	RF/IF Input Power W/O Damage	+25 dBm Max	Pass	PMI QA2

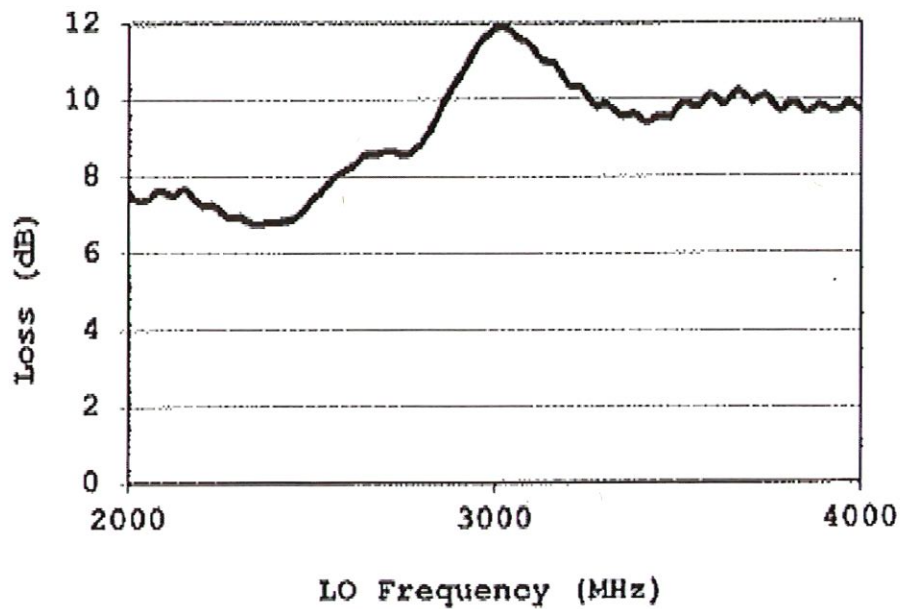
QA/QC Approval:  PMI QA2 Date: 2/21/2025

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IMAGE REJECTION

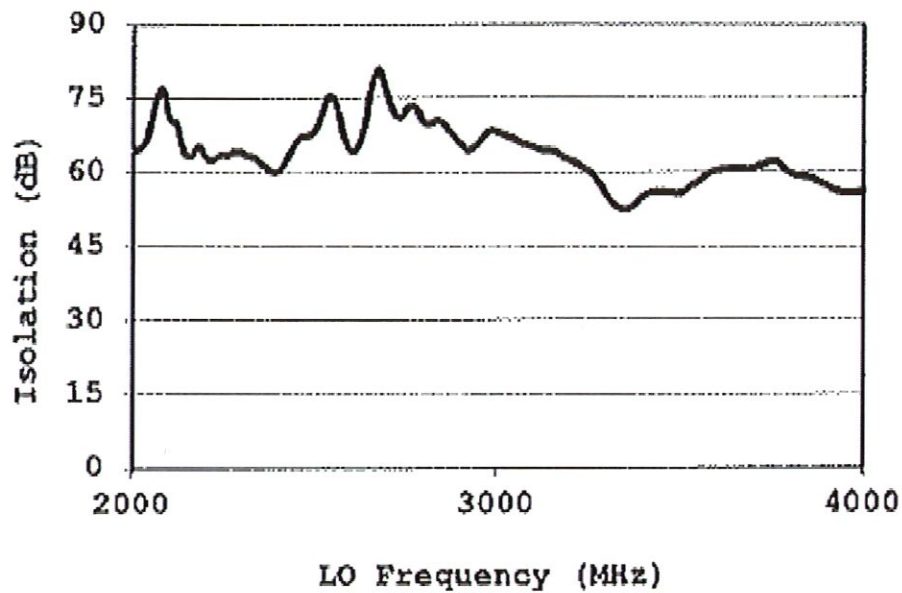


CONVERSION LOSS



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LO-RF ISOLATION



LO-IF Isolation

