

# SUMMARY TEST DATA ON IRMX-4G8G-55-35-SFF-LOW

Customer: \_\_\_\_\_ Tested By: Alex G.  
Job No: \_\_\_\_\_ Temperature: +25°C  
Model No: IRMX-4G8G-55-35-SFF-LOW Date: February 18<sup>th</sup>, 2025  
Serial No: PL51215/2504 Drawing No: 27650500 Rev: A

| TEST ITEM NO. | PARAMETERS                   | SPECIFIED VALUE                           | TEST RESULTS       | QA QC      |
|---------------|------------------------------|-------------------------------------------|--------------------|------------|
| 1             | Frequency Range              | 4 to 8 GHz                                | Pass               | PM1<br>QA2 |
| 2             | LO Power                     | +14 dBm Min<br>+15 dBm Typ<br>+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<br>10 dB Max                   | Pass<br>(See Plot) |            |
| 6             | Noise Figure                 | 8 dB Typ<br>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<br>40 dB Min                    | Pass<br>(See Plot) |            |
| 10            | LO-IF Isolation              | 55 dB Typ                                 | Pass<br>(See Plot) |            |
| 11            | Image Rejection              | 35 dB Typ<br>25 dB Min                    | Pass<br>(See Plot) |            |
| 12            | RF/IF Input Power W/O Damage | +23 dBm Max                               | Pass               | PM1<br>QA2 |

**QA/QC Approval:**

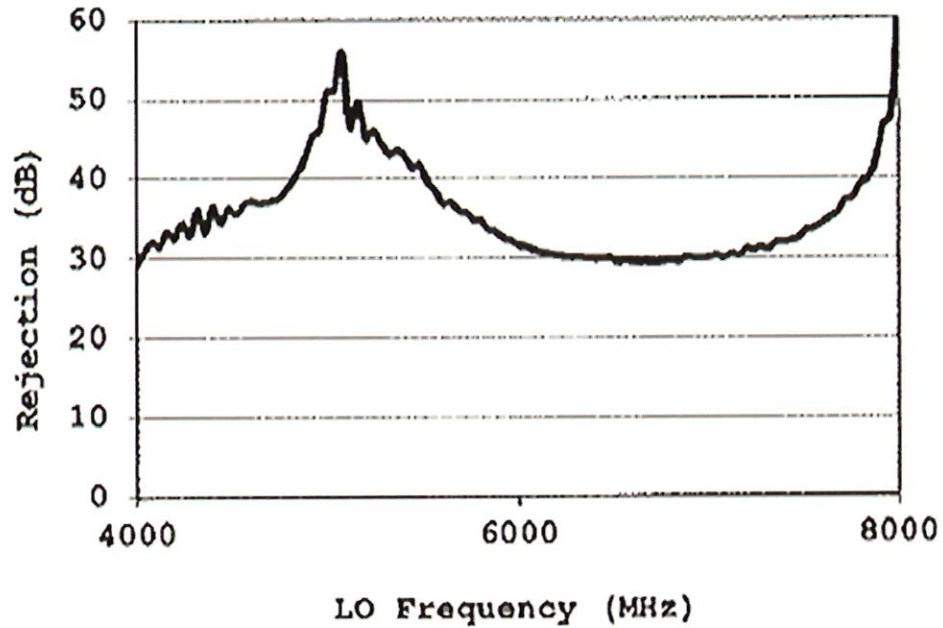
PM1  
QA2

Date:

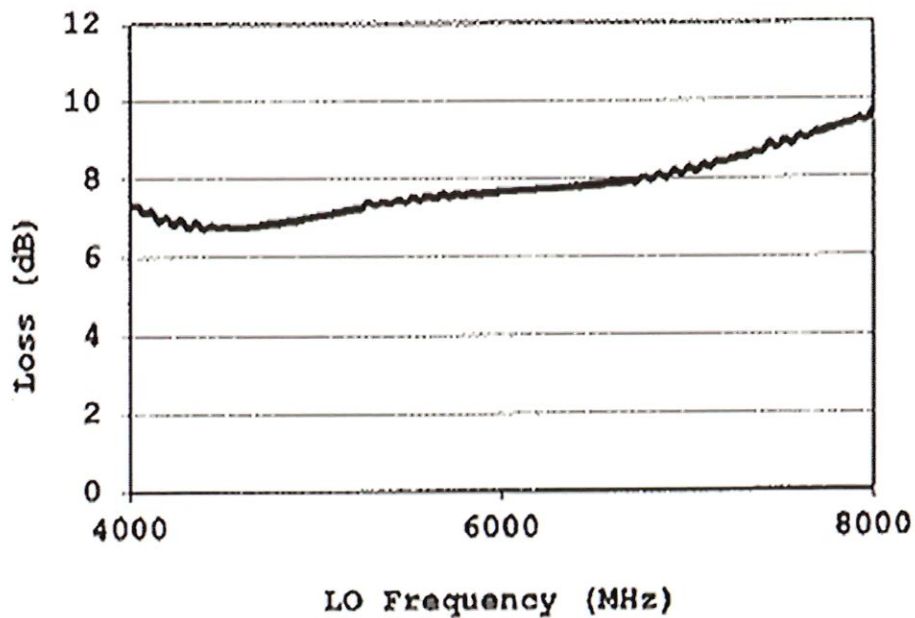
2/20/2025

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## IMAGE REJECTION

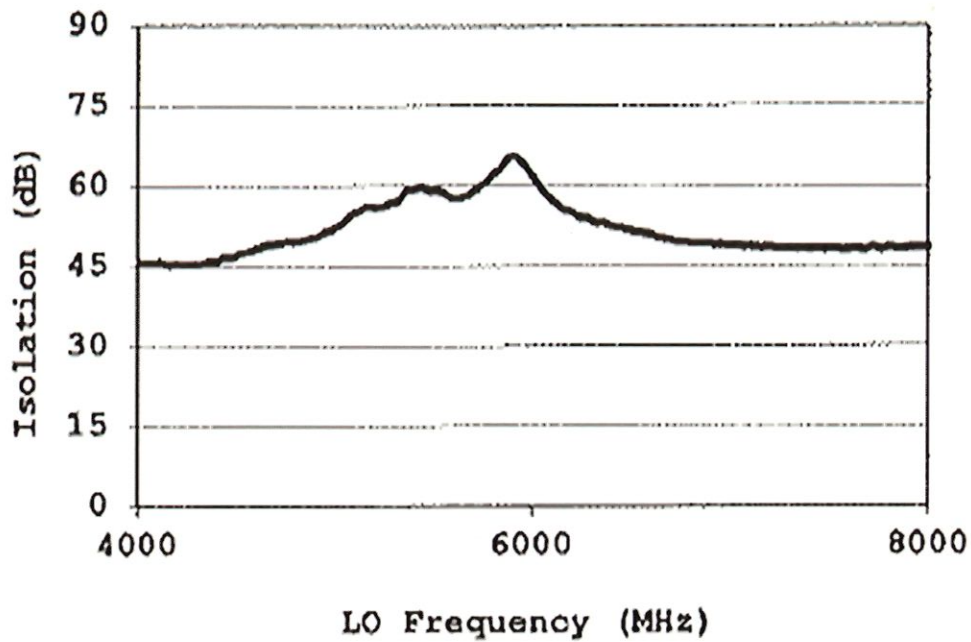


## CONVERSION LOSS



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## LO-RF ISOLATION



## LO-IF Isolation

