



**SUMMARY TEST DATA**  
**ON**  
**EQL-26D5G40G-1D5DB-292MF**

Customer: \_\_\_\_\_  
SO No: \_\_\_\_\_  
Model No: EQL-26D5G40G-1D5DB-292MF  
Serial Pair: PL51362/2506

Tested By: S. O'Neill  
Temperature: +25°C  
Date: 2/6/2025  
Drawing No: 27632341 REV: A1

| TEST<br>ITEM NO. | PARAMETERS               | SPECIFIED VALUE                                 | TEST RESULTS                                      | QA<br>QC   |
|------------------|--------------------------|-------------------------------------------------|---------------------------------------------------|------------|
| 1                | FREQUENCY:               | 26.5 TO 40.0 GHz                                | 26.5 GHz TO 40 GHz                                | PMI<br>QA4 |
| 2                | MAXIMUM INPUT POWER:     | 0.5 WATTS CW                                    | Pass<br>(See Typical Characteristics)             |            |
| 3                | VSWR:                    | 2.0 : 1 MAX                                     | 1.61 : 1 INPUT<br>1.76 : 1 OUTPUT<br>(See Graphs) |            |
| 4                | INSERTION LOSS @26.5GHz: | 1.5 dB MAX                                      | 1.34 dB                                           |            |
| 5                | SLOPE:                   | 0.41 ±0.06 dB/GHz                               | 0.4 dB/GHz<br>(See Graph)                         |            |
| 6                | AMPLITUDE ACCURACY:      | ±0.5 dB (COMPARED TO BEST<br>FIT STRAIGHT LINE) | 0.33 dB<br>(See Graph)                            | PMI<br>QA4 |

QA/QC Approval: \_\_\_\_\_

*Cameron Klem*

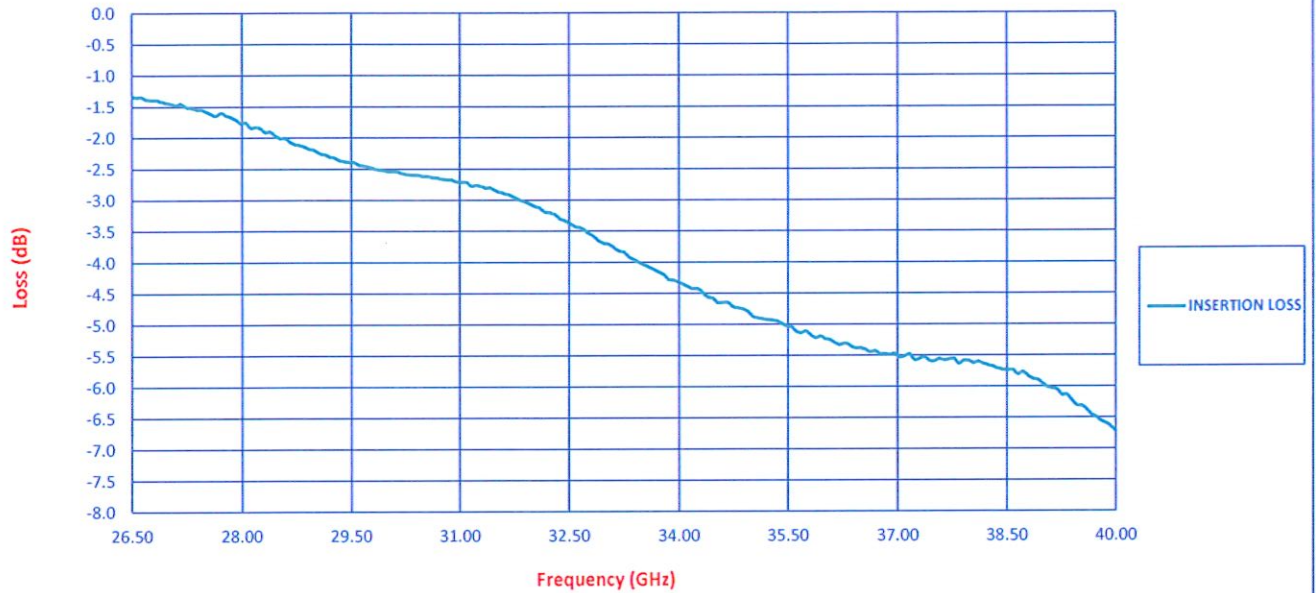
Date: 2/6/25



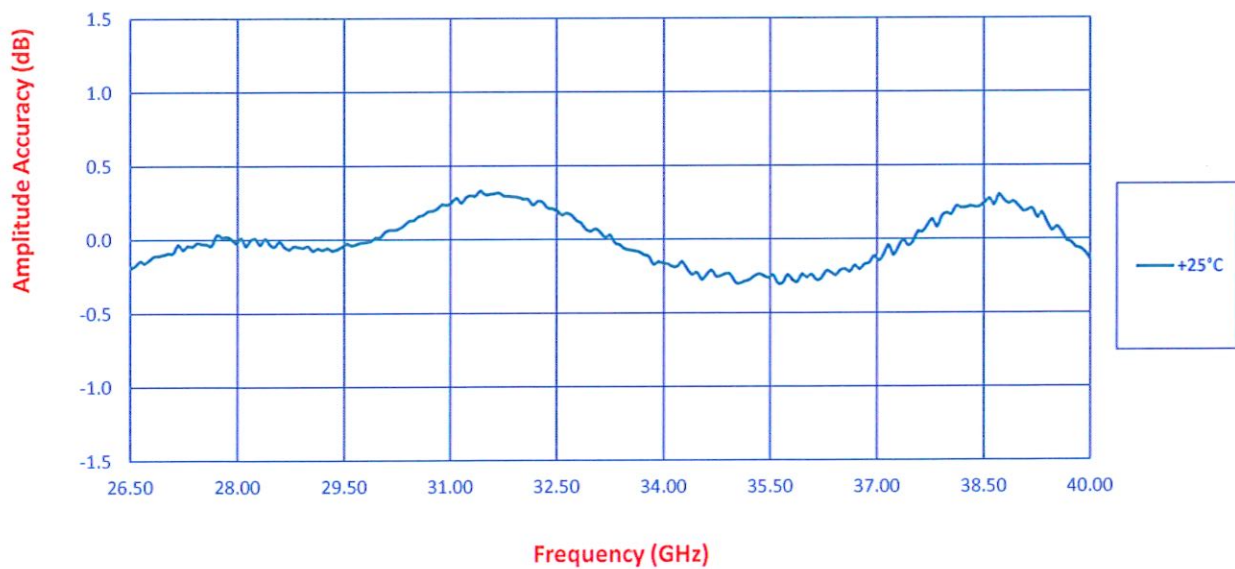
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**Frequency Vs Insertion Loss**



**Amplitude Accuracy Vs Frequency**





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