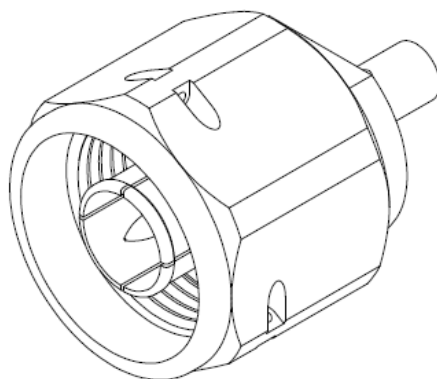




GT-26-113

COAX CONNECTOR, TYPE N MALE GRF01-0301-N-MS-160 FOR CABLE 962-032-160 RF Signal Integrity Report





Revision History

Rev	Date	Issued	Description
1	6/23/2026	L. Blackwell	Initial Release

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1. Introduction

This document contains results from testing that was performed to evaluate the high-frequency electrical performance of the Glenair Type N male connector, part number GRF01-0301-N-MS-160. This report outlines the frequency domain performances of Insertion Loss (IL) and Voltage Standing Wave Ratio (VSWR).

2. Test Information

2.1. Test Samples

Test samples consisted of GRF01-0301-N-MS-160 connectors terminated to 12" of Glenair cable 962-032-160.

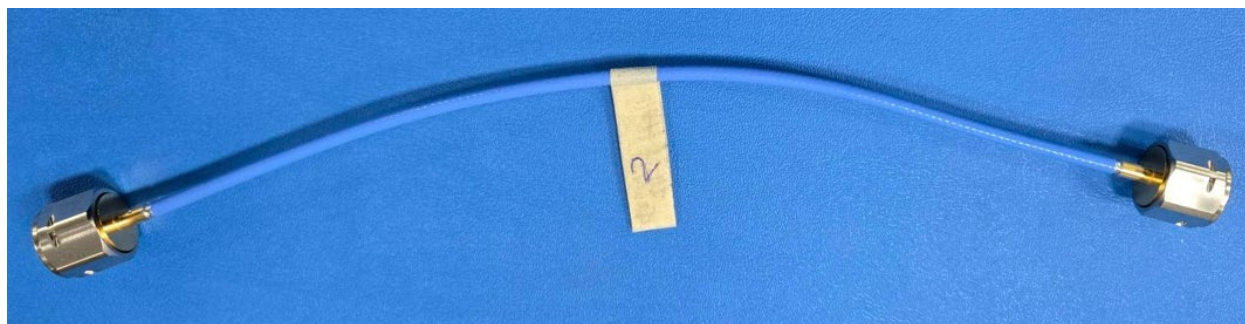


Figure 1. GRF01-0301-N-MS-160 Test Article

2.2. Test Setup

Measurements were taken using an Anritsu MS46524B Vector Network Analyzer. Type-N to SMA adapters were used to interface the test equipment. The test data was saved in a touchstone (.s2p) format. The Type-N characteristics were de-embedded from the measured data.

3. Test Results

3.1.1. Connector Insertion Loss

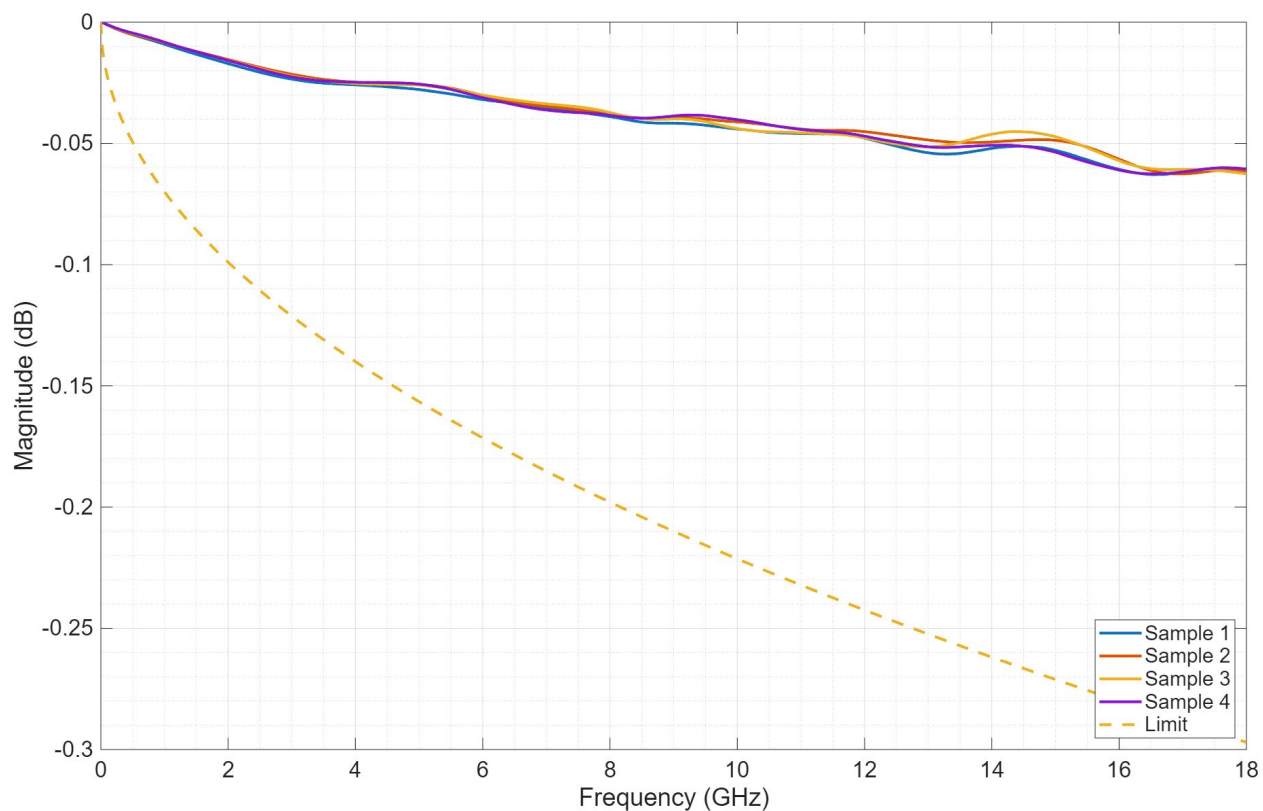


Figure 2. Connector Insertion Loss

3.1.2. Connector VSWR

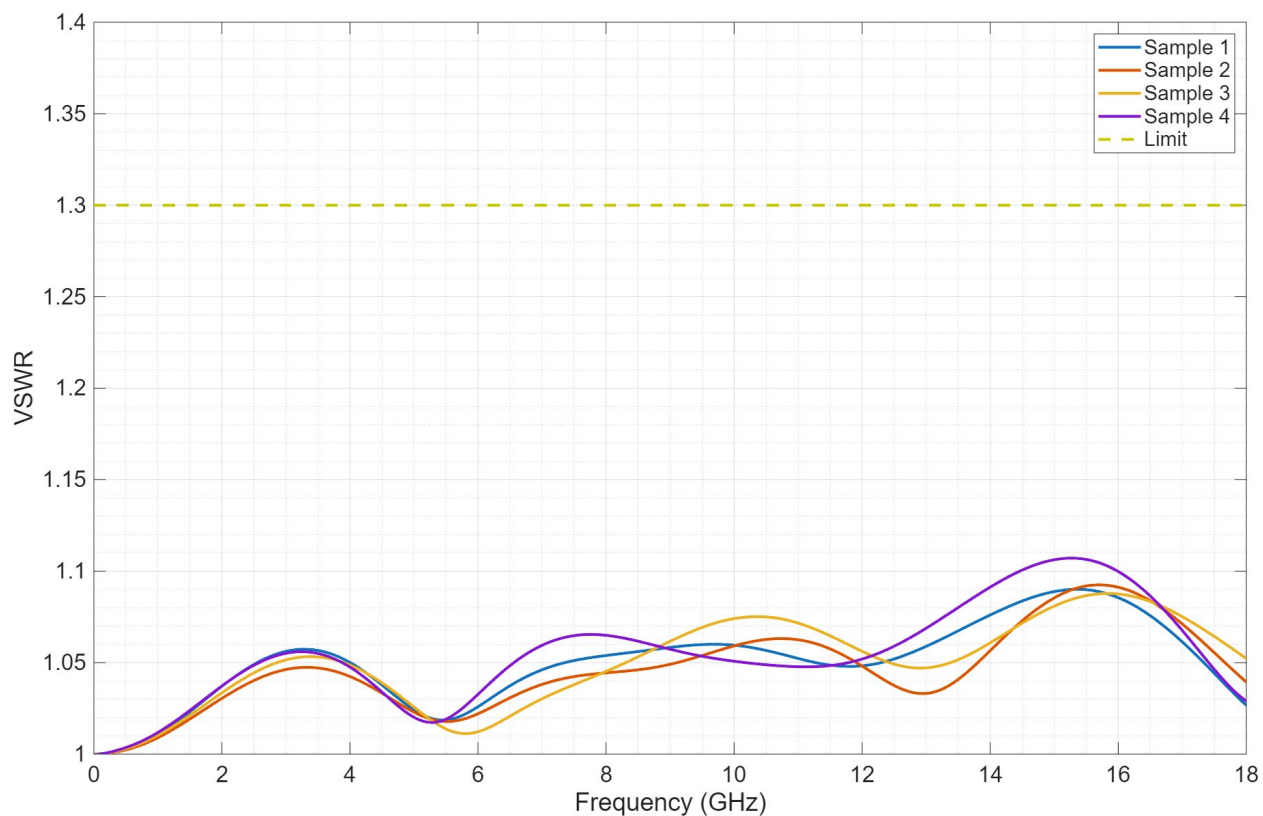


Figure 3. Connector VSWR