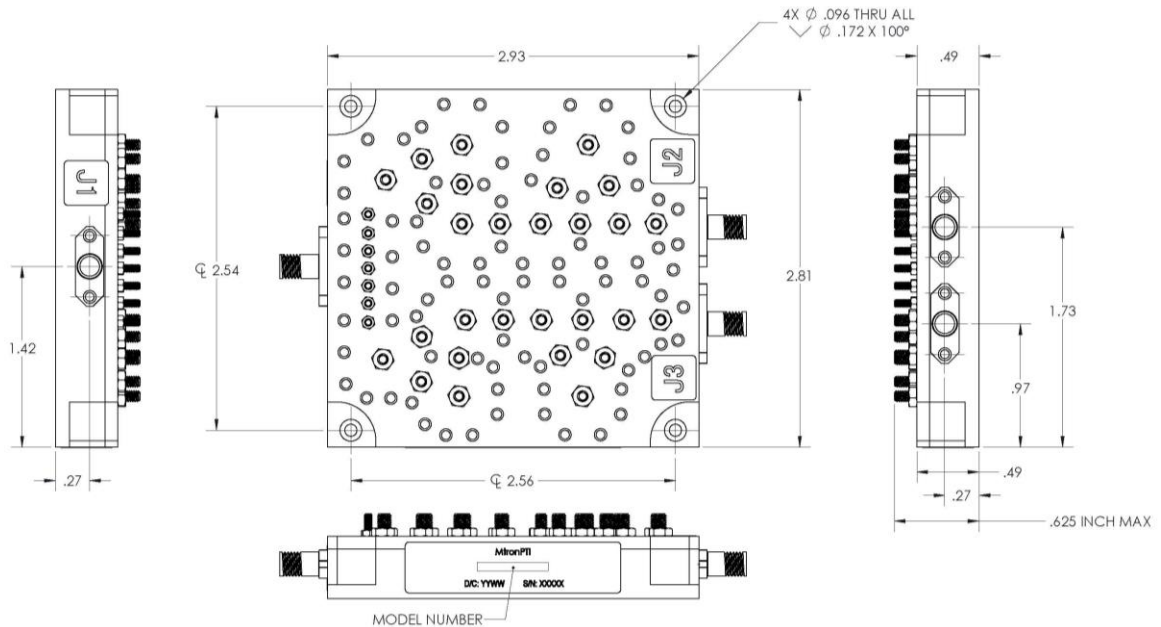


Specification for a Ku-Band 50W Diplexer MtronPTI P/N: UFDX9999

I. General & Electrical Requirements:

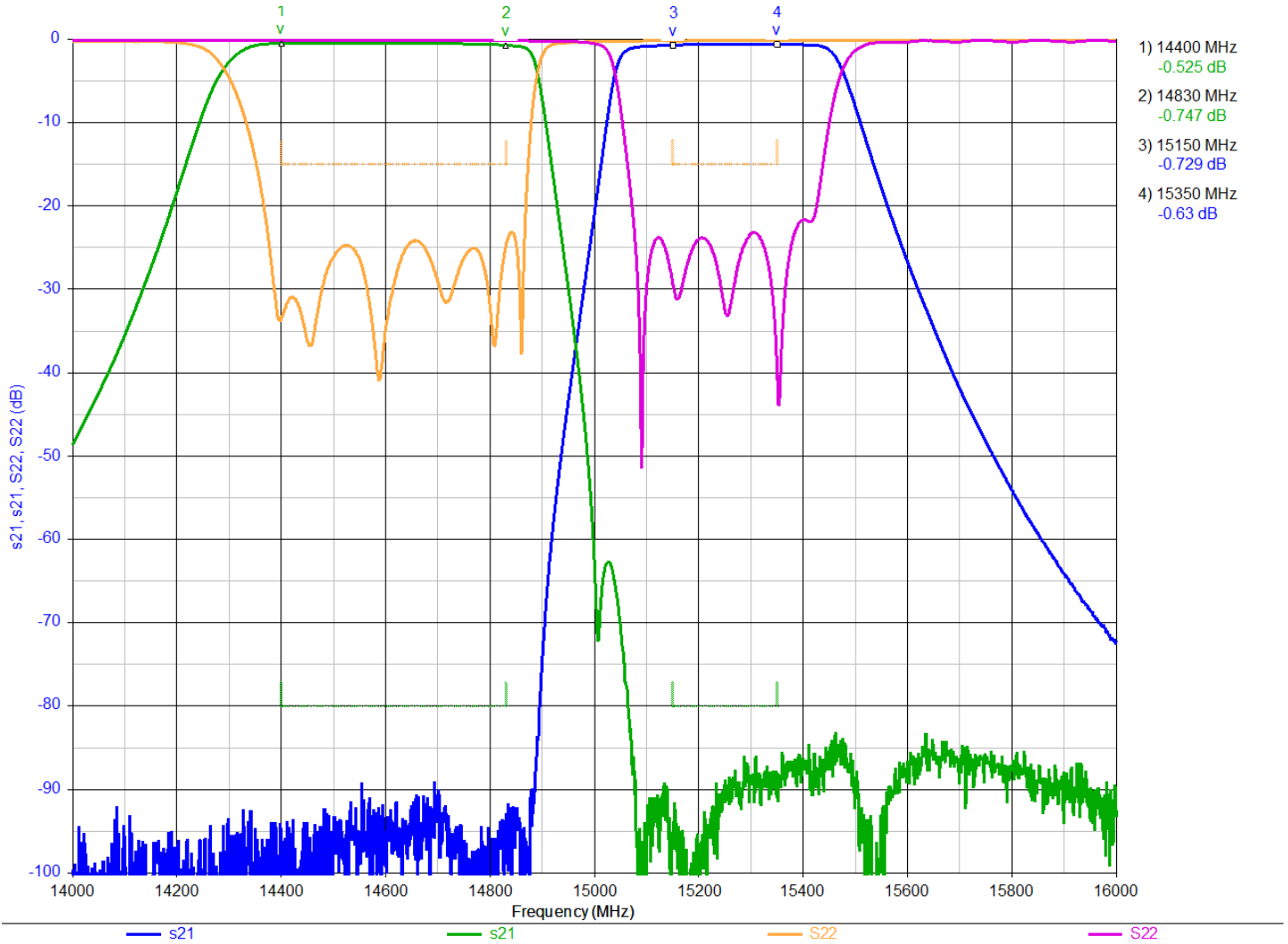
1. **Passband1** Frequency Range: 14.4GHz to 14.83GHz
Passband2 Frequency Range: 15.15GHz to 15.35GHz
 Insertion Loss (IL): <1.1dB
 Return Loss all ports : >15dB
 Group Delay Variation: 2.3nS p-p max over any 49MHz within Passband
 Band to Band Isolation: \geq 80dB
 Crossover Isolation: 65dB min.
 RF Impedance All ports: 50 ohms
 Maximum Power Handling of 50W CW
2. **General Specifications:**
 Operating Temperature: -55°C to +85°C
 Altitude: 42k Feet
 Weight: <1.0lb



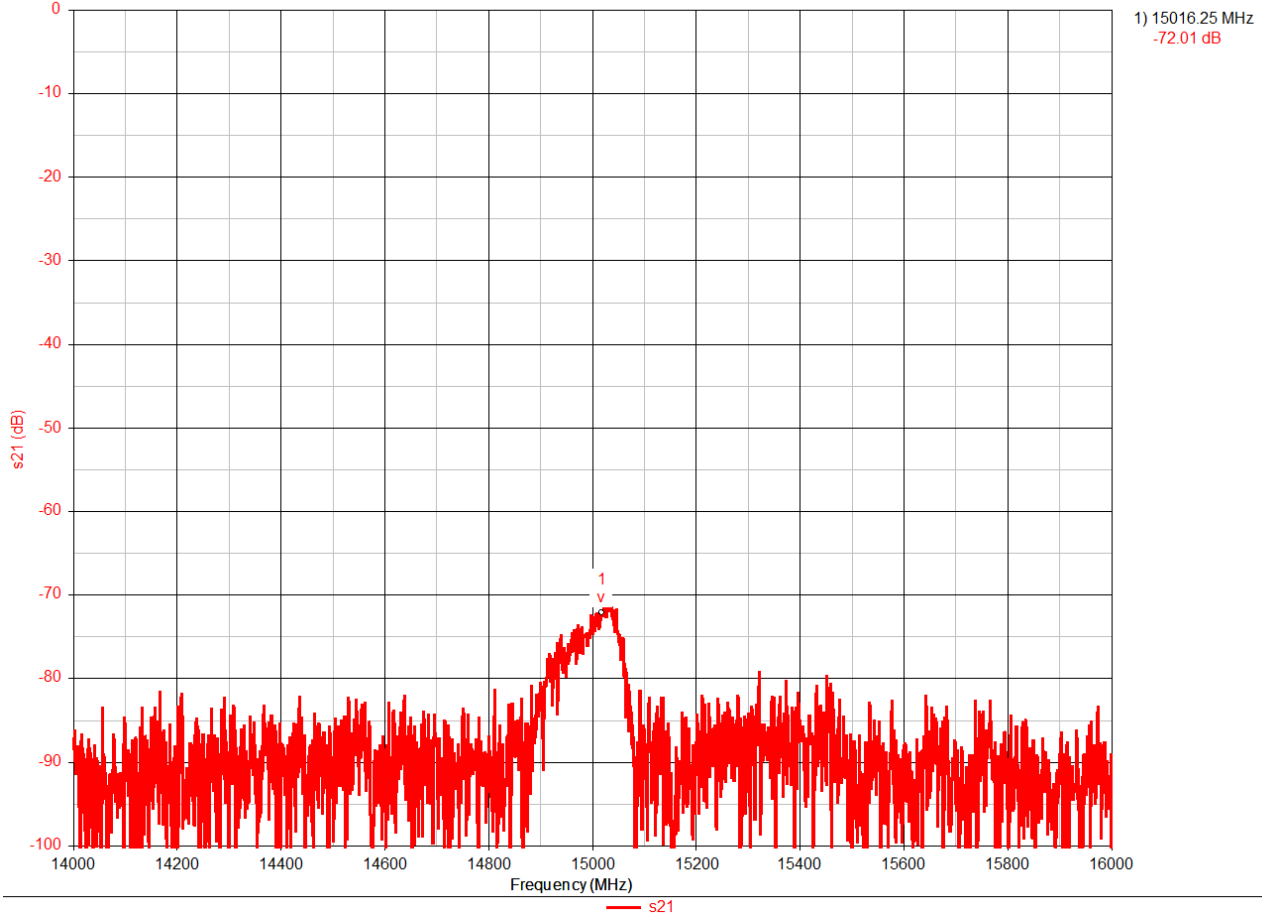
Two decimal places = +/- .01"

II. Test Data

Specification for a Ku-Band 50W Diplexer MtronPTI P/N: UFDX9999



Specification for a Ku-Band 50W Diplexer
MtronPTI P/N: UFDX9999
Crossover Isolation



III. Data Sheet Revision Table

Date	Rev.	Author	Details of Revision
04-22-18	A	DPD	Original Release