



**SUMMARY TEST DATA  
ON  
11DP-11R5/16R5-CD-SFF**

PL37643/2234

Customer: \_\_\_\_\_ Tested By: H. Gonzales  
SO No: \_\_\_\_\_ Temperature: +25°C  
Model No: 11DP-11R5/16R5-CD-SFF Date: 08/26/22  
Serial No: PL37643/2234 Drawing No: 27608608 Rev: A2

| TEST.<br>ITEM NO | PARAMETERS                    | SPECIFIED VALUE                                                 | TEST<br>RESULTS                                                           | QA<br>QC    |
|------------------|-------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------------------|-------------|
| 1                | Center Frequency:             | BPF1: 11.5 GHz<br>BPF2: 16.5 GHz                                | BPF1: 11.5 GHz<br>BPF2: 16.5 GHz                                          | PMI<br>QA 2 |
| 2                | Passband:                     | BPF1: 10.75 TO 12.25 GHz<br>BPF2: 15.75 TO 17.25 GHz            | BPF1: 10.75 TO 12.25 GHz<br>BPF2: 15.75 TO 17.25 GHz<br>See Plots         |             |
| 3                | Insertion Loss<br>(Passband): | 2 dB Goal, 3 dB Max                                             | BPF1: 0.92dB<br>BPF2: 1.60dB<br>See Plots                                 |             |
| 4                | Rejection:                    | BPF1-Fo=11.5GHz<br>-50 dBc @ 10.25 GHz &<br>-75 dBc @ 13.75 GHz | 11.5 GHz<br>-66.34 dBc @ 10.25 GHz<br>-88.08 dBc @ 13.75 GHz<br>See Plots |             |
| 5                | Rejection:                    | BPF2-Fo=16.5GHz<br>-50 dBc @ 17.75 GHz &<br>-75 dBc @ 14.25 GHz | 16.5 GHz<br>-55.33 dBc @ 17.75 GHz<br>-78.91 dBc @ 14.25 GHz<br>See Plots |             |
| 6                | VSWR:                         | 1.5:1 Max                                                       | 1.38:1<br>See Plots                                                       |             |
| 7                | Return Loss<br>Input/Output:  | <-14.0 dB                                                       | -15.85 dB<br>See Plots                                                    | PMI<br>QA 2 |

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

PMI  
QA 2

Date: \_\_\_\_\_

8/29/2022

7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731  
Email: [sales@pmi-rf.com](mailto:sales@pmi-rf.com)



# SUMMARY TEST DATA ON 11DP-11R5/16R5-CD-SFF

PL37643/2234

## BPF1



## BPF2

