



# SUMMARY TEST DATA ON PEC3-33-218-20-15-SFF-HS-E

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PEC3-33-218-20-15-SFF-HS-E  
 Serial No: PL52730/2519

Tested By: Justen Gayduchik  
 Temperature: +25° C  
 Date: 5/7/2025  
 Drawing No: 26902311-E      REV: G1

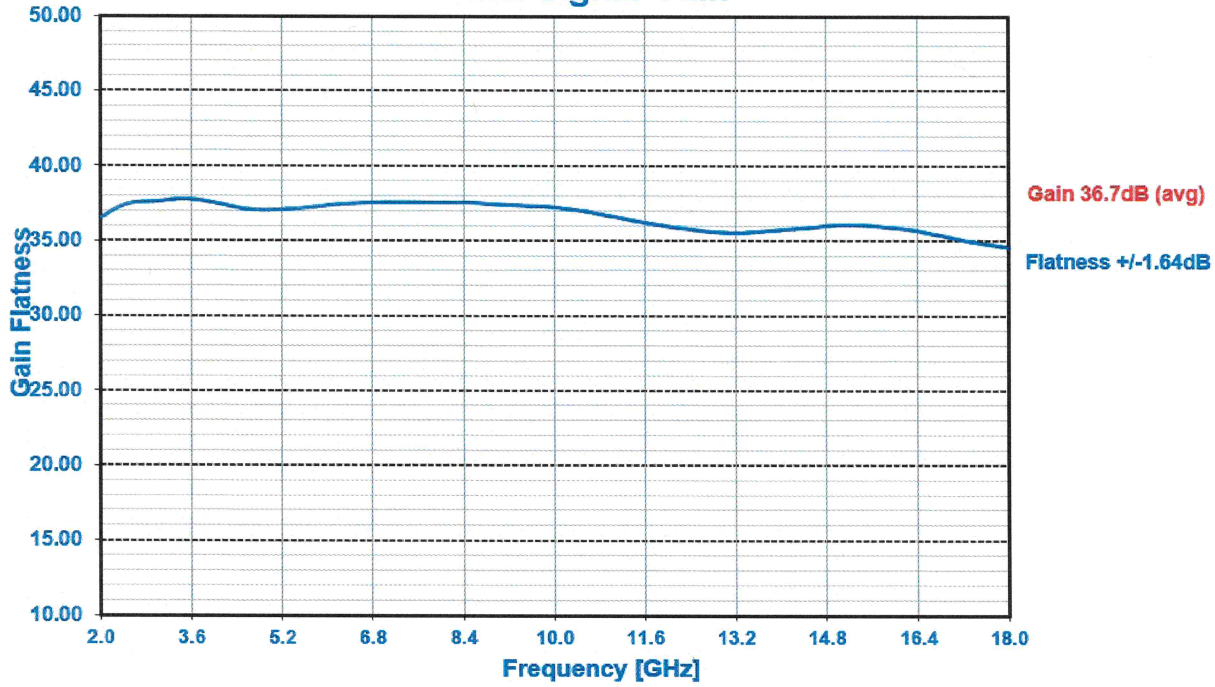
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	2 GHz to 18 GHz	2 GHz to 18 GHz	
2	Gain:	+33 dB Min.	34.52 dB Min. See Plot	
3	Gain Flatness:	±2.0 dB Max.	±1.64 dB See Plot	
4	Noise Figure:	4.0 dB Typ. (5.0 dB Max. at Band Edges)	4.1 dB Max. See Plot	
5	OP1dB:	+20 dBm Min.	+20.68 dBm Min. See Plot	
6	OIP3:	+30 dBm Typ.	Pass	
7	Input Power Handling:	+17 dBm Max.	Pass	
8	VSWR (In/Out):	2.2:1 Max.	Input 1.75:1 Output 1.81:1 See Plot	
9	DC Supply:	+15 VDC @ 350 mA Typ., 450 mA Max.	400 mA	

QA/QC Approval:

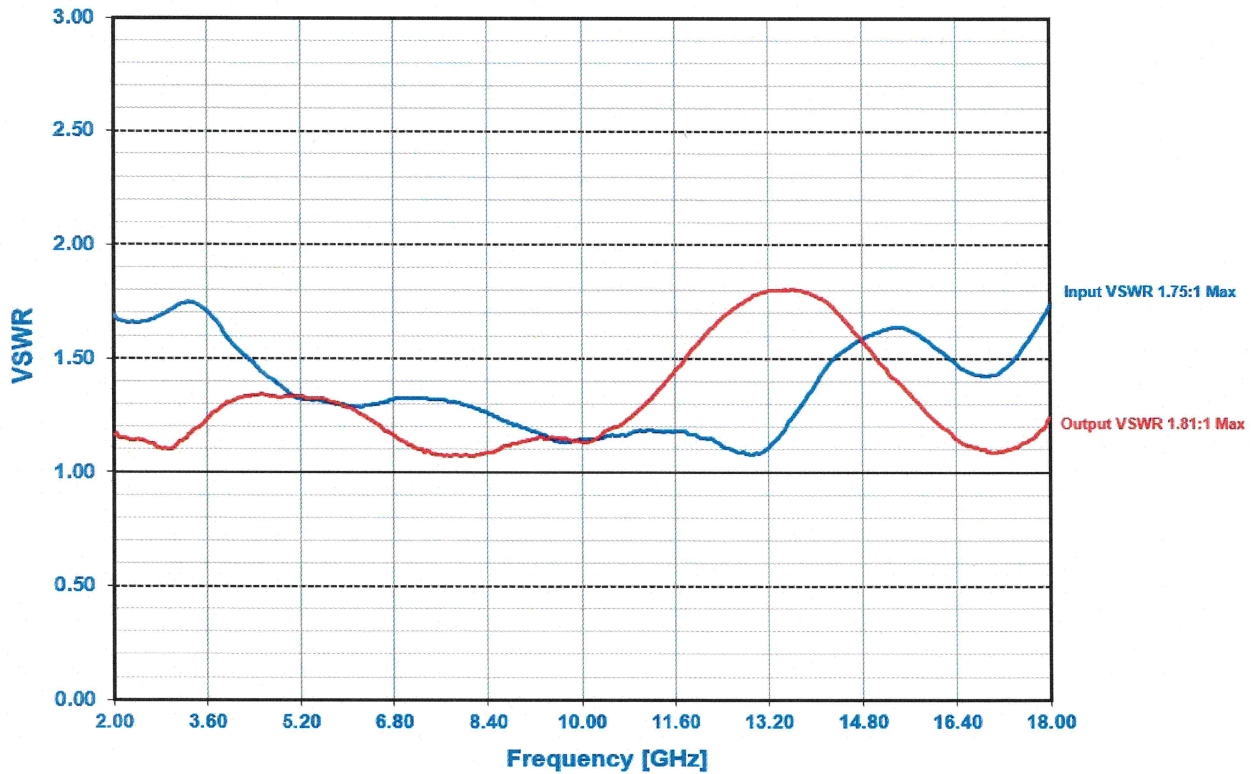
Date: 5-7-25

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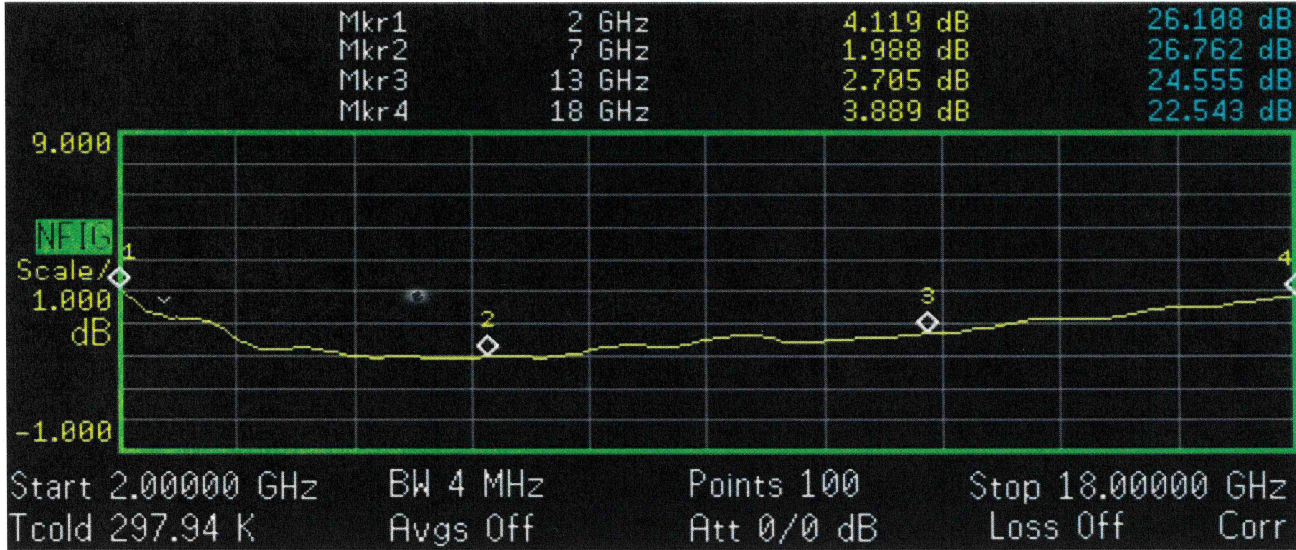
### Small Signal Gain



### VSWR GRAPH



**Noise Figure**



**1dB Compression vs Frequency**

