

**SUMMARY TEST DATA
ON
PEC-85-725M1275M-17LM-12-SFF**

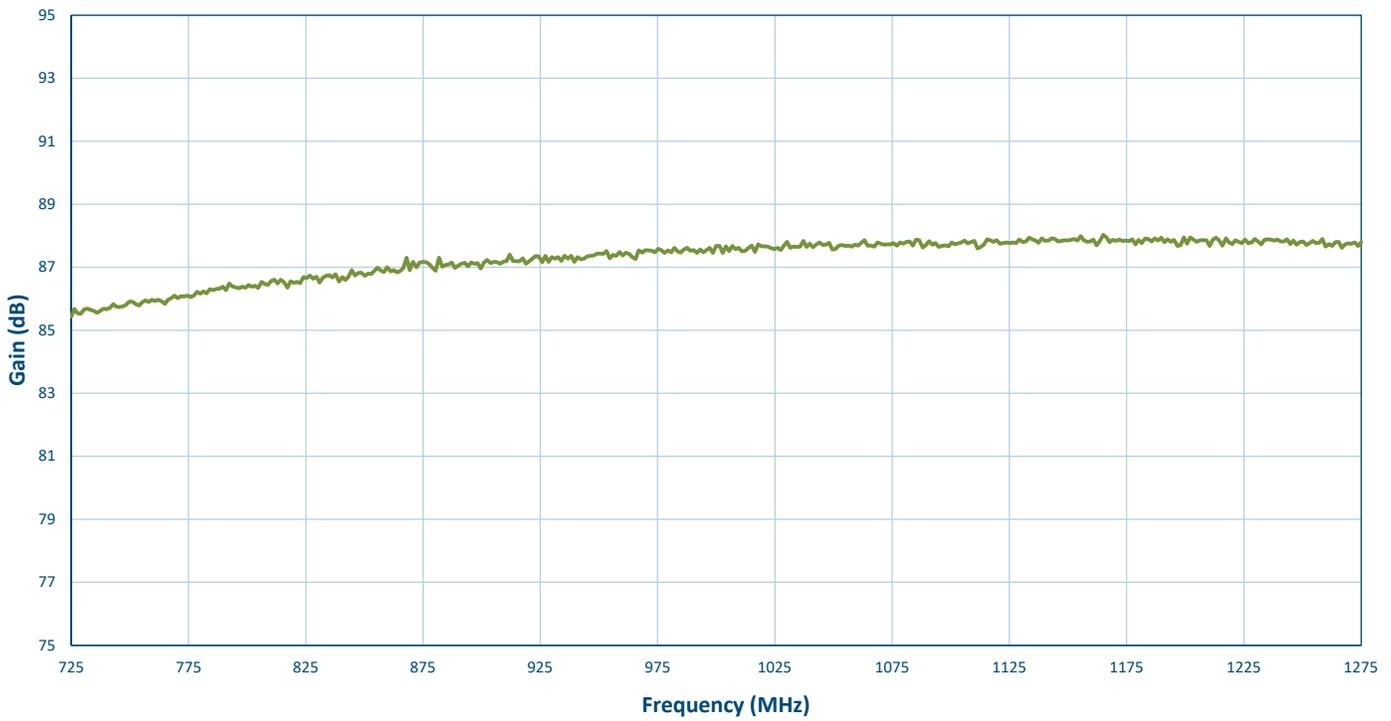
Customer: _____
 SO No: _____
 Model No: PEC-85-725M1275M-17LM-12-SFF
 Serial No: PL53651/2526

Tested By: E. Kretz
 Temperature: +25°C
 Date: 7/2/2025
 Drawing No: 27650800 REV: A1

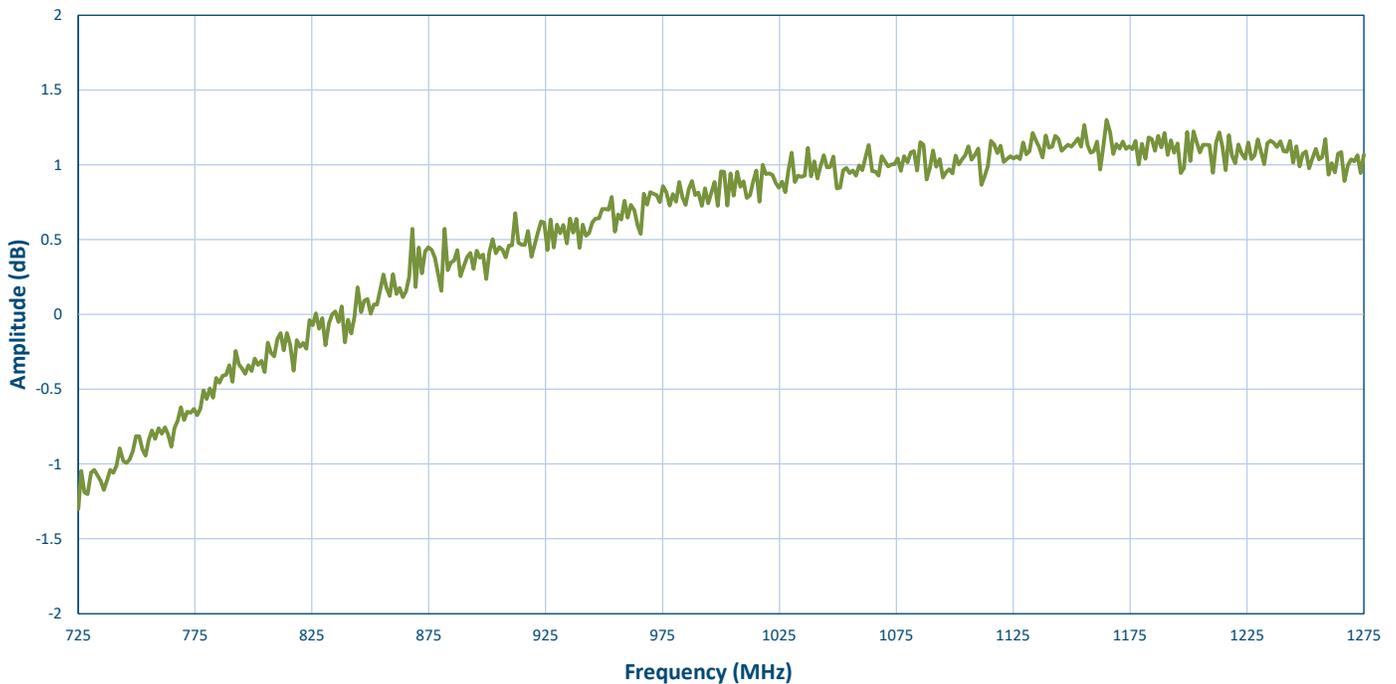
TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	Test Results	
			+25°C	QA/QC
1	Frequency Range:	725 - 1275 MHz	725 - 1275 MHz	
2	Gain:	+81 dB +8/-5 dB (76 to 89 dB) Typ	+85.43 dB Min. +88.03 dB Max. See Graph	
3	Gain Flatness:	±2.0 dB Max.	±1.3 dB Max. See Graph	
4	Noise Figure:	5 dB Typ	4.27 dB Max. See Graph	
5	Limited RF Output:	+15.5 dBm to +18.5 dBm	+16.45 dBm Min. +17.97 dBm Max. See Graph	
6	Input Power Handling:	-55 dBm to +10 dBm	-55 dBm to +10 dBm	
7	VSWR: (Input/Output)	2.0:1 Max	1.71 :1 (In) Max. 1.26 :1 (Out) Max. See Graph	
8	DC Supply:	+12 VDC @ 425 mA Typ	+12 VDC @ 403 mA	

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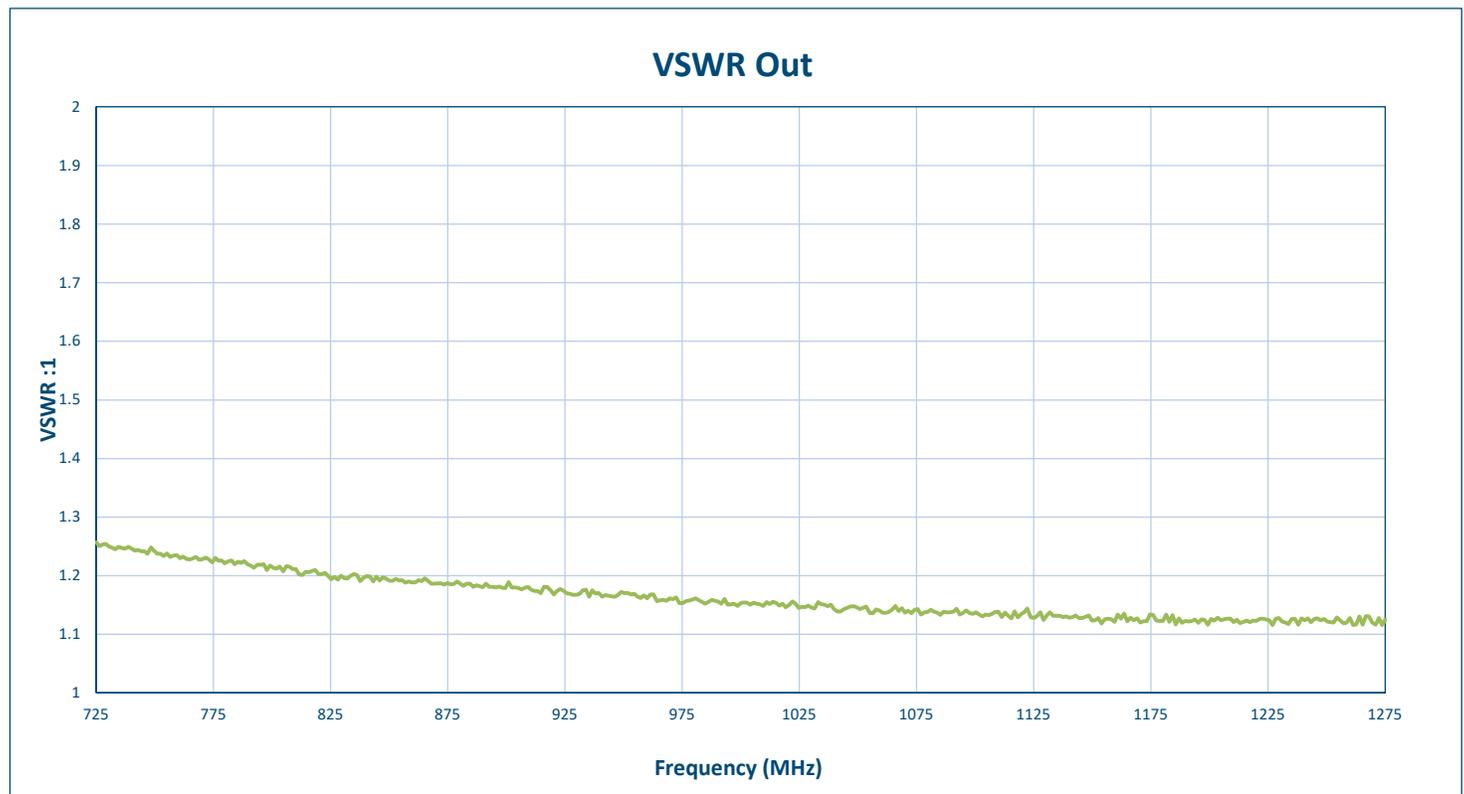
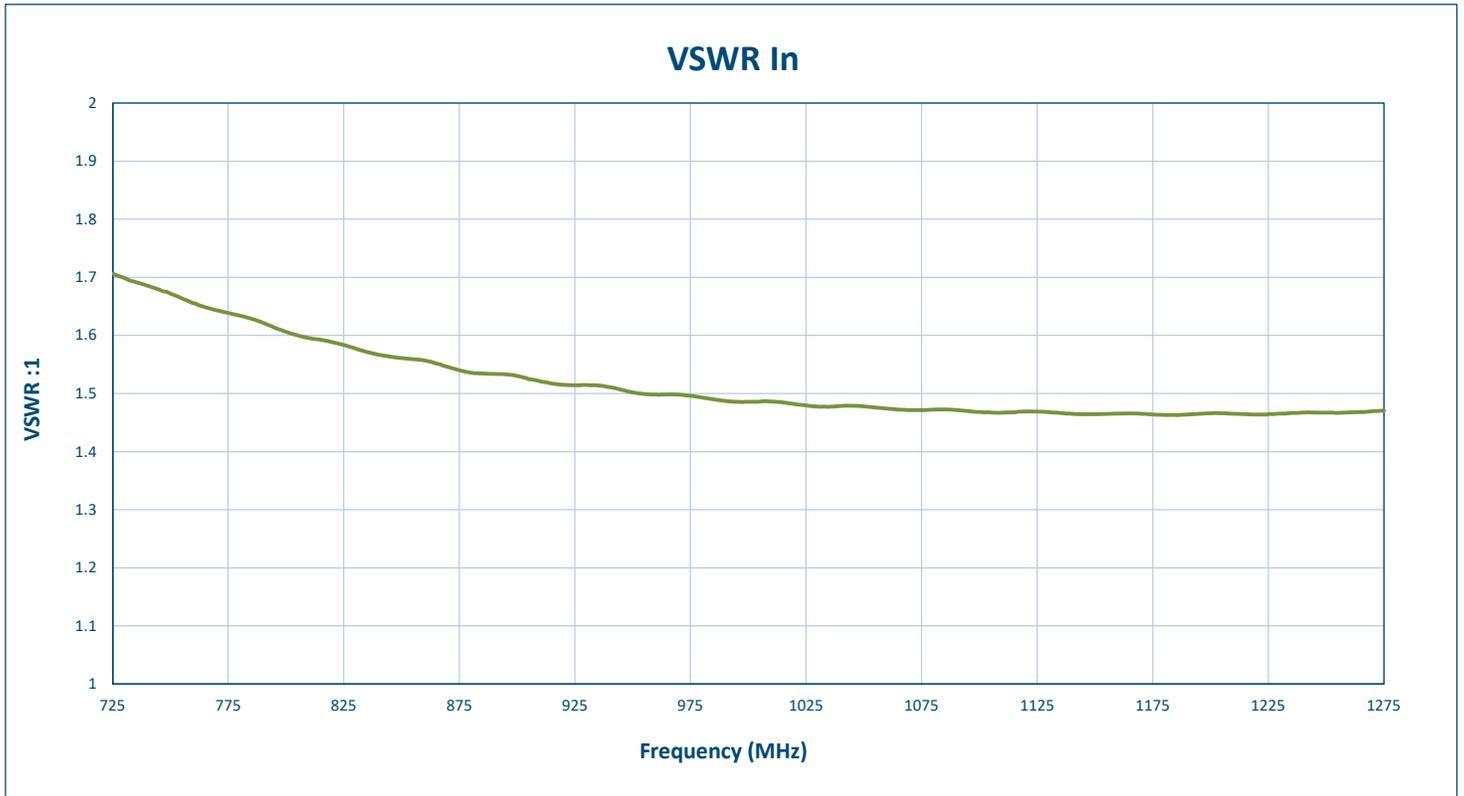
Gain



Gain Flatness

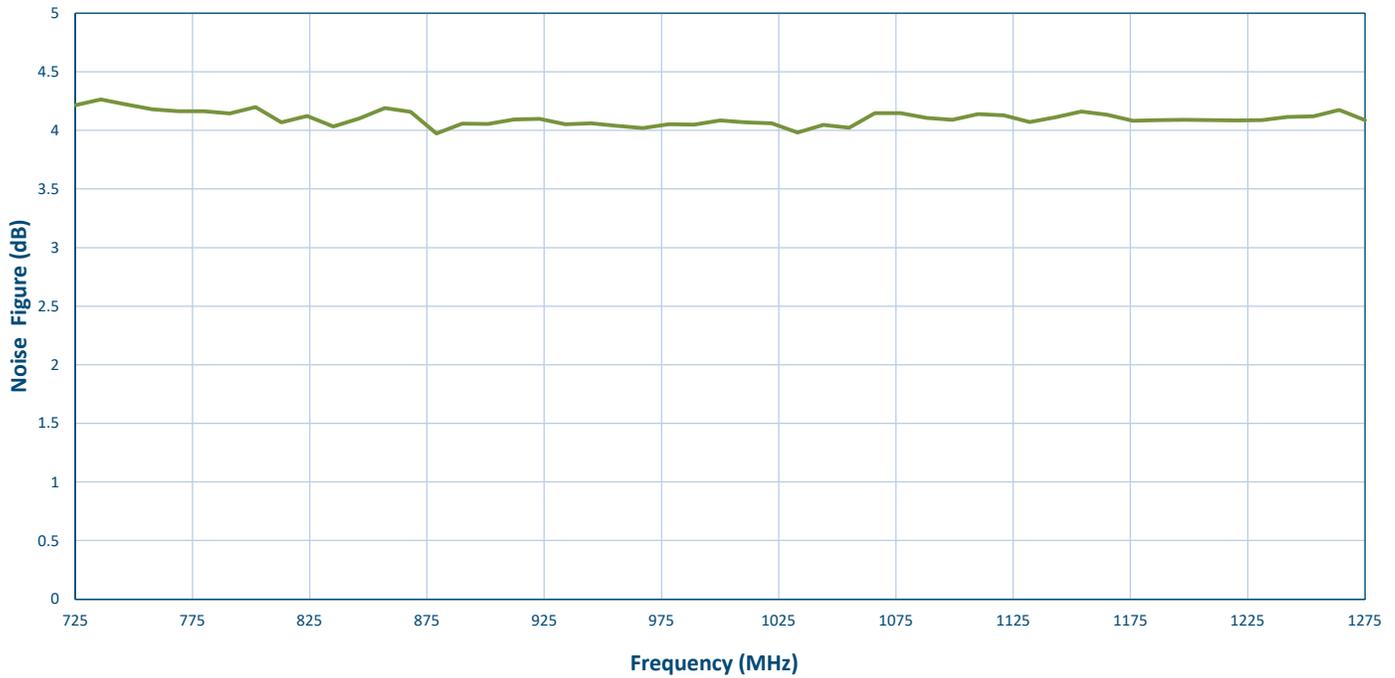


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Noise Figure



Power

