



# SUMMARY TEST DATA ON PEC-42-500M40G-20-12-292FF

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PEC-42-500M40G-20-12-292FF  
 Serial No: PL21517/1735

Tested By: K. Mansfield  
 Temperature: 25 Degrees C  
 Date: 1/9/2018  
 Drawing No: 27623504      REV: A3

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	500 MHz - 40 GHz	500 MHz - 40 GHz	
2	Gain:	42 dB Typ.	+33.8 dB Min. +37.8 dB Max. See Plot	
3	Gain Flatness:	±2.5 dB Typ.	±1.98 dB See Plot	
4	*Noise Figure:	5.5 dB Typ.	5.5 dB See Plot	
5	Pout @ 1 dB Compression:	+19 dBm Typ. (0.5-18 GHz) +17 dBm Typ. (18-40 GHz)	+18 dBm +16 dBm See Plot	
6	Psat:	+23 dBm Typ. (0.5-18 GHz) +20 dBm Typ. (18-40 GHz)	+23 dBm +21 dBm	
7	VSWR: (Input/Output)	2.0:1 Max. In 2.5:1 Max. Out	2:1 In 1.9:1 Out See Plot	
8	Input Power Handling:	+17 dBm CW Max.	Pass	
9	DC Supply:	+12 to +15 VDC @ 450 mA Typ.	+12 to +15 VDC @ 572 mA	

\*Up to 26.5 GHz

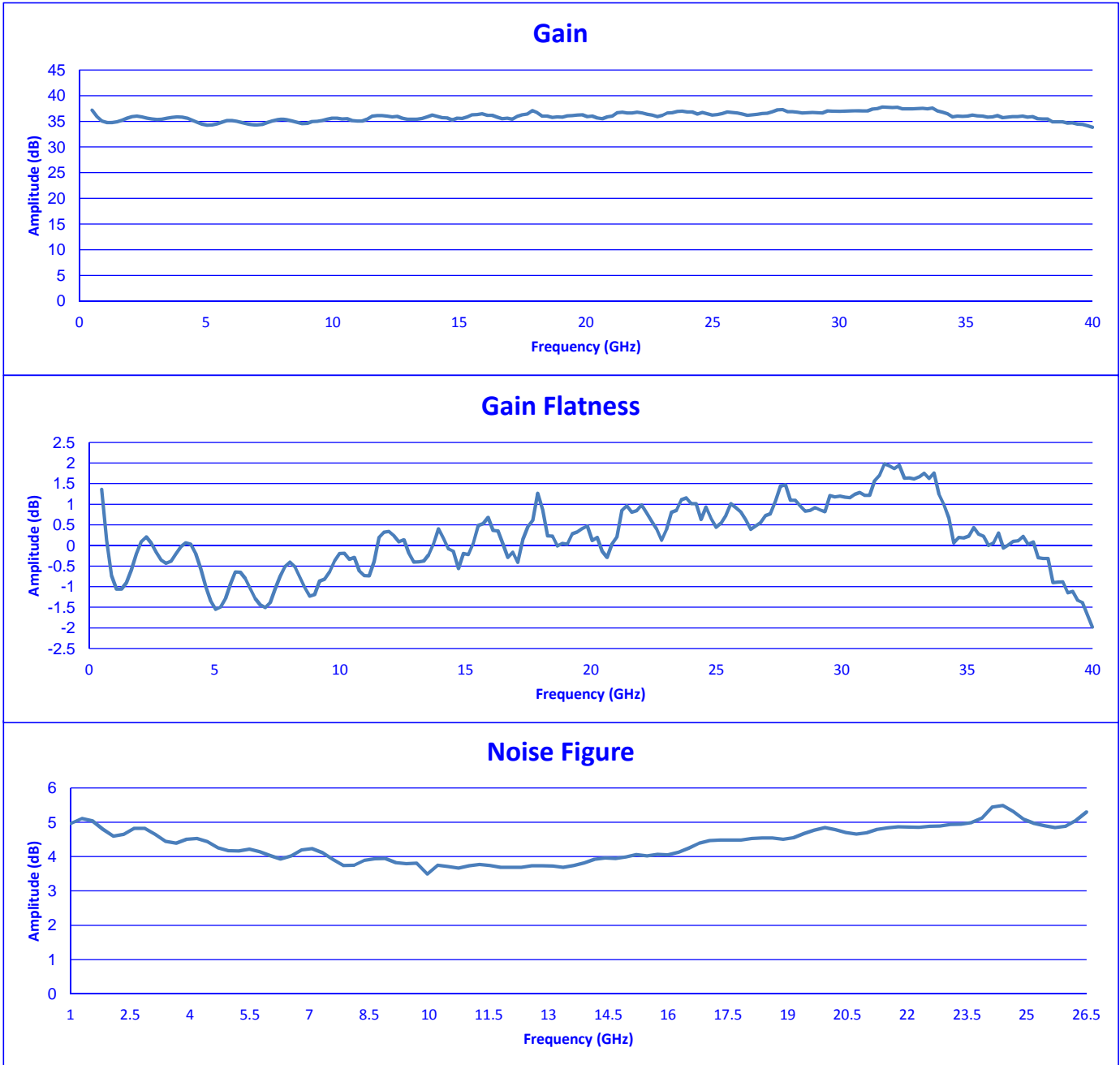
QA/QC Approval: \_\_\_\_\_

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



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