



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

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PEC-42-500M40G-20-12-292FF  
 Serial No: PL23020/1827

Tested By: K. Mansfield  
 Temperature: 25 Degrees C  
 Date: 7/9/2018  
 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	PMI QA 2
2	Gain:	42 dB Typ.	+39.7 dB Max. +34.4 dB Min. See Plot	
3	Gain Flatness:	±2.5 dB Typ.	±2.63 dB See Plot	
4	*Noise Figure:	5.5 dB Typ.	5 dB See Plot	
5	OP1dB:	+19 dBm Typ. (0.5-18 GHz) +17 dBm Typ. (18-40 GHz)	+18.4 dBm Typ. (0.5-18 GHz) +16 dBm Typ. (18-40 GHz) See Plot	
6	Psat:	+23 dBm Typ. (0.5-18 GHz) +20 dBm Typ. (18-40 GHz)	+22.7 dBm Typ. (0.5-18 GHz) +21.3 dBm Typ. (18-40 GHz) See Plot	
7	VSWR: (Input/Output)	2.0:1 Max. In 2.5:1 Max. Out	1.6:1 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 @ 548 mA	PMI QA 2

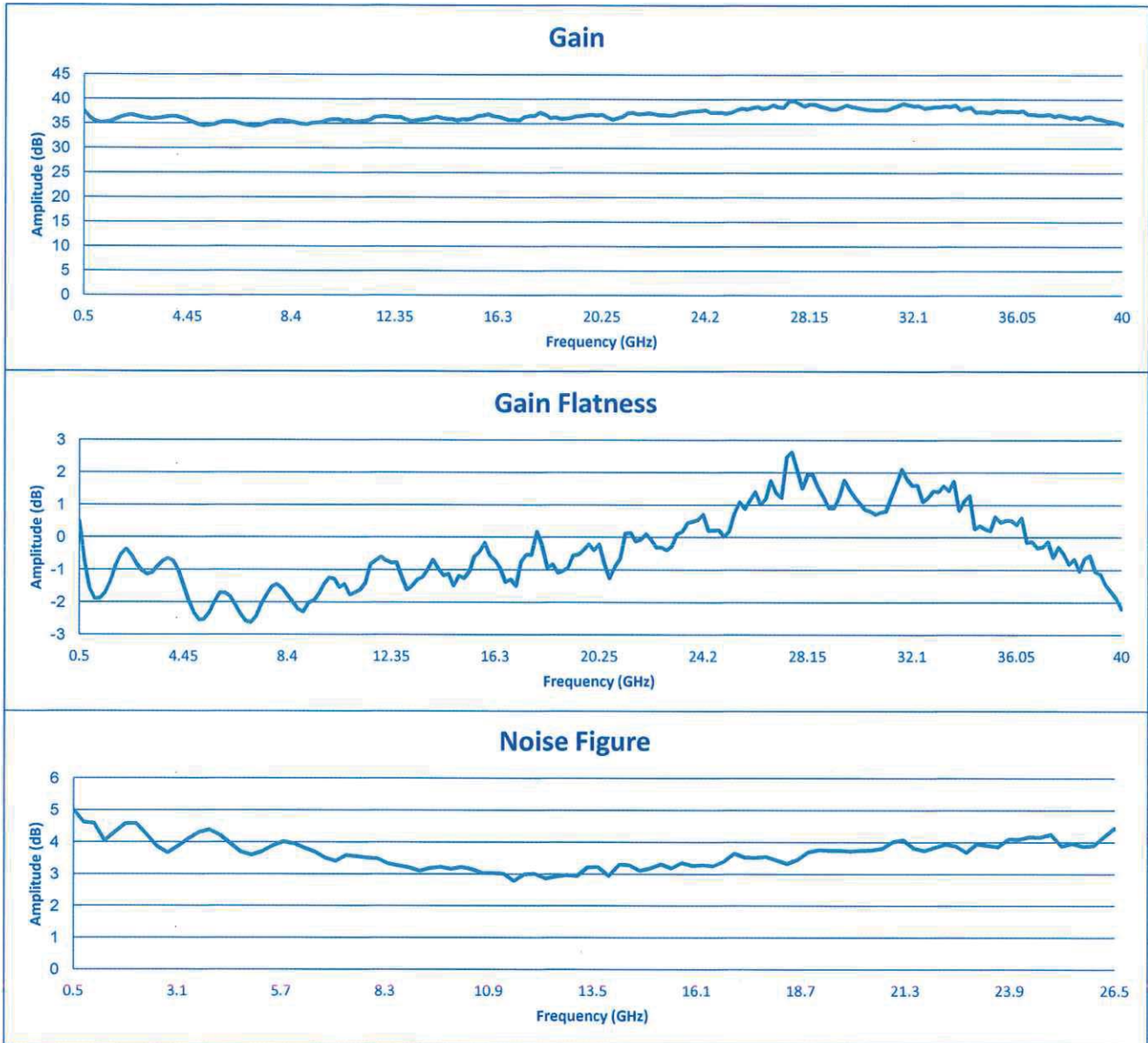
\*Up to 26.5 GHz

QA/QC Approval: *[Signature]*      PMI QA 2      Date: 7/10/18



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

PL23020/1827





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

PL23020/1827

