



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

Customer: _____
 SO No: _____
 Model No: PEC-42-500M40G-20-12-292FF
 Serial No: PL23018/1827

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 dB Max. +32.9 dB Min. See Plot	
3	Gain Flatness:	±2.5 dB Typ.	±3.05 dB See Plot	
4	*Noise Figure:	5.5 dB Typ.	4.7 dB See Plot	
5	OP1dB:	+19 dBm Typ. (0.5-18 GHz) +17 dBm Typ. (18-40 GHz)	+17.5 dBm Typ. (0.5-18 GHz) +15.8 dBm Typ. (18-40 GHz) See Plot	
6	Psat:	+23 dBm Typ. (0.5-18 GHz) +20 dBm Typ. (18-40 GHz)	+21.7 dBm Typ. (0.5-18 GHz) +20.7 dBm Typ. (18-40 GHz) See Plot	
7	VSWR: (Input/Output)	2.0:1 Max. In 2.5:1 Max. Out	1.7:1 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 @ 287 mA	PMI QA 2

*Up to 26.5 GHz

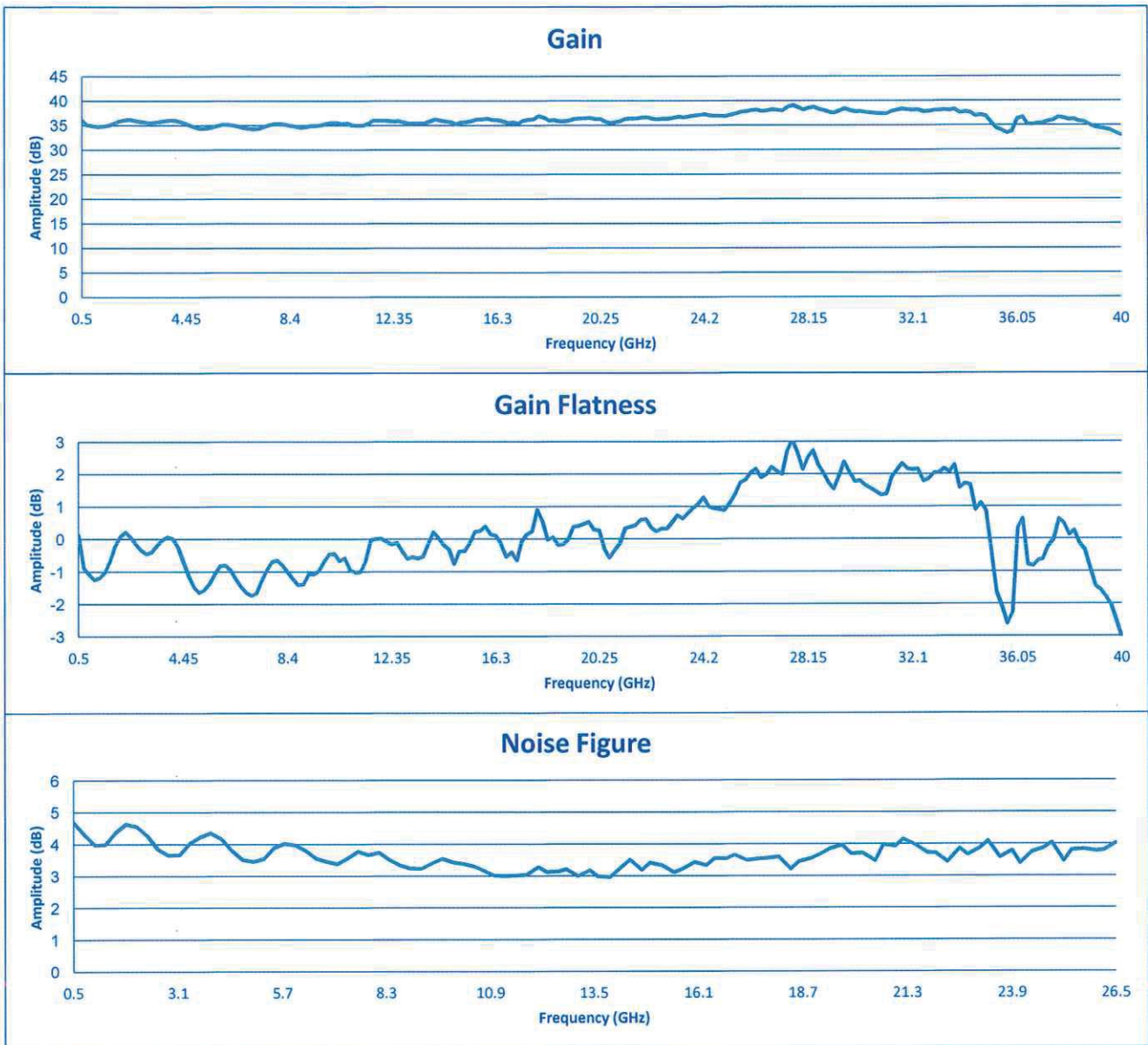
QA/QC Approval: *J. Ireland* PMI
QA 2

Date: 7/10/18



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