



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: 11/28/2018
 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 QA1	
2	Gain:	42 dB Typ.	+41.6 dB Max. +34.3 dB Min. See Plot		
3	Gain Flatness:	±2.5 dB Typ.	±3.66 dB See Plot		
4	*Noise Figure:	5.5 dB Typ.	5.5 dB See Plot		
5	OP1dB:	+19 dBm Typ. (0.5-18 GHz) +17 dBm Typ. (18-40 GHz)	+16.9 dBm Typ. (0.5-18 GHz) +15.1 dBm Typ. (18-40 GHz) See Plot		
6	Psat:	+23 dBm Typ. (0.5-18 GHz) +20 dBm Typ. (18-40 GHz)	+21.5 dBm Typ. (0.5-18 GHz) +21.6 dBm Typ. (18-40 GHz) See Plot		
7	VSWR: (Input/Output)	2.0:1 Max. In 2.5:1 Max. Out	1.9:1 In 2.2:1 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 @ 589 mA		PMI QA1

*Up to 26.5 GHz

QA/QC Approval: _____

PMI
QA1

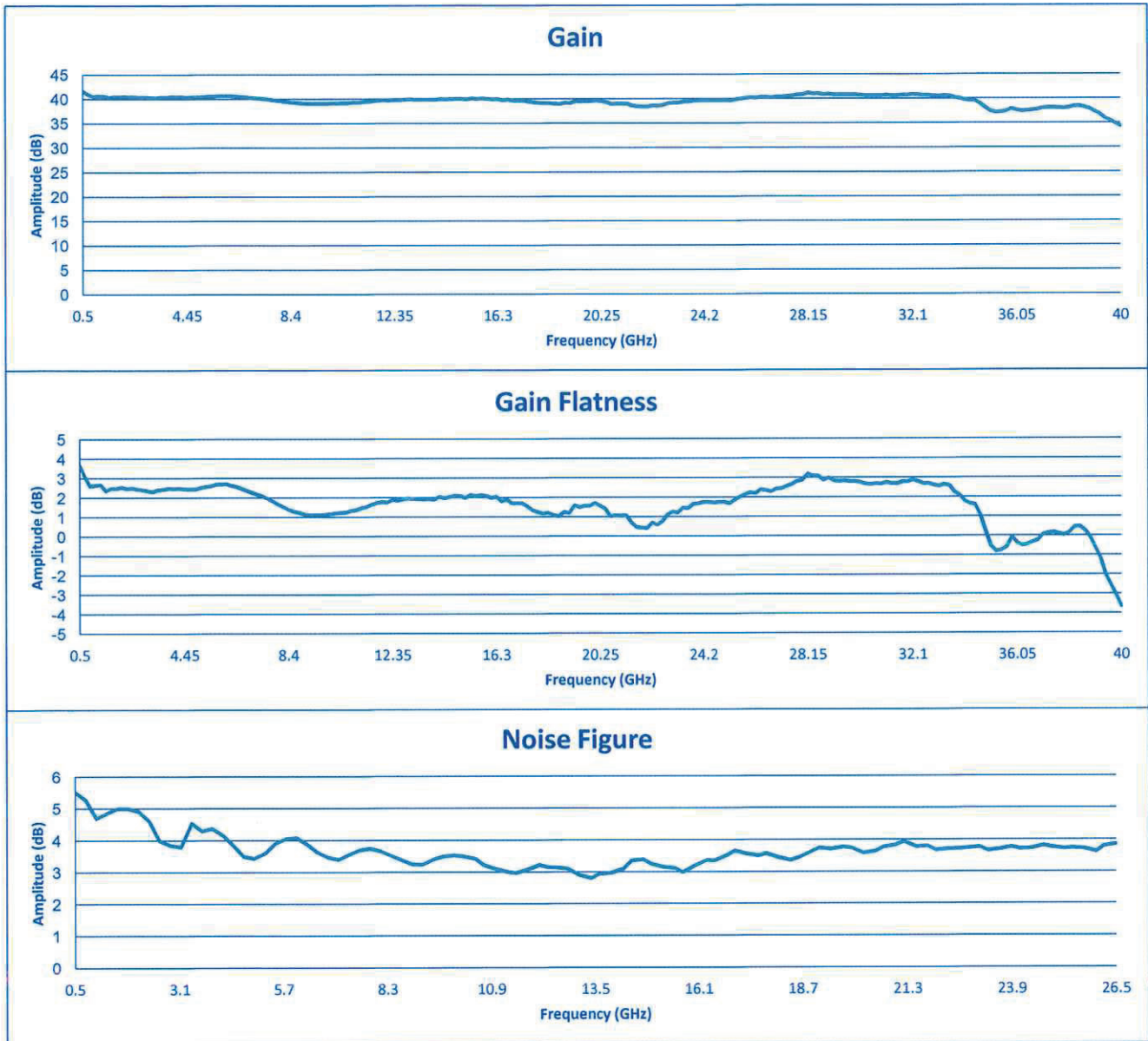
Date: _____

11/29/18



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