



**SUMMARY TEST DATA
ON
PEC4-16-8G18G-4R7-18-15-SFF**

PL28440/2016

Customer: _____ Tested By: J. Boze
SO No: _____ Temperature: +25°C
Model No: PEC4-16-8G18G-4R7-18-15-SFF Date: 04/13/20
Serial No: PL28440/2016 Drawing No: 27628813 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	8.0 to 18.0 GHz	8.0 to 18.0 GHz	03 4/17	
2	Gain:	13 dB Min, 16 dB Max	15.8 dB Max. 13.4 dB Min. (See Plot)	↓	
3	Gain Flatness:	±1.50 dB Max	±1.20 dB (See Plot)		
4	Noise Figure:	4.7 dB Max	4.3dB (See Plot)		
5	OP1dB:	+18 dBm Typ.	+22.53 dBm Typ. (See Plot)		
6	VSWR Input:	1.67:1 Max	1.41:1 (See Plot)		
7	VSWR Output:	2.25:1 Max	1.63:1 (See Plot)		
8	Maximum Input:	+30 dBm CW	Pass		
9	DC Supply:	+12.5 to +28 VDC @ 250 mA Typ.	189 mA		03 4/17

QA/QC Approval: Arthur Zimmerman Date: 4/17/2020

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Gain and VSWR Plot



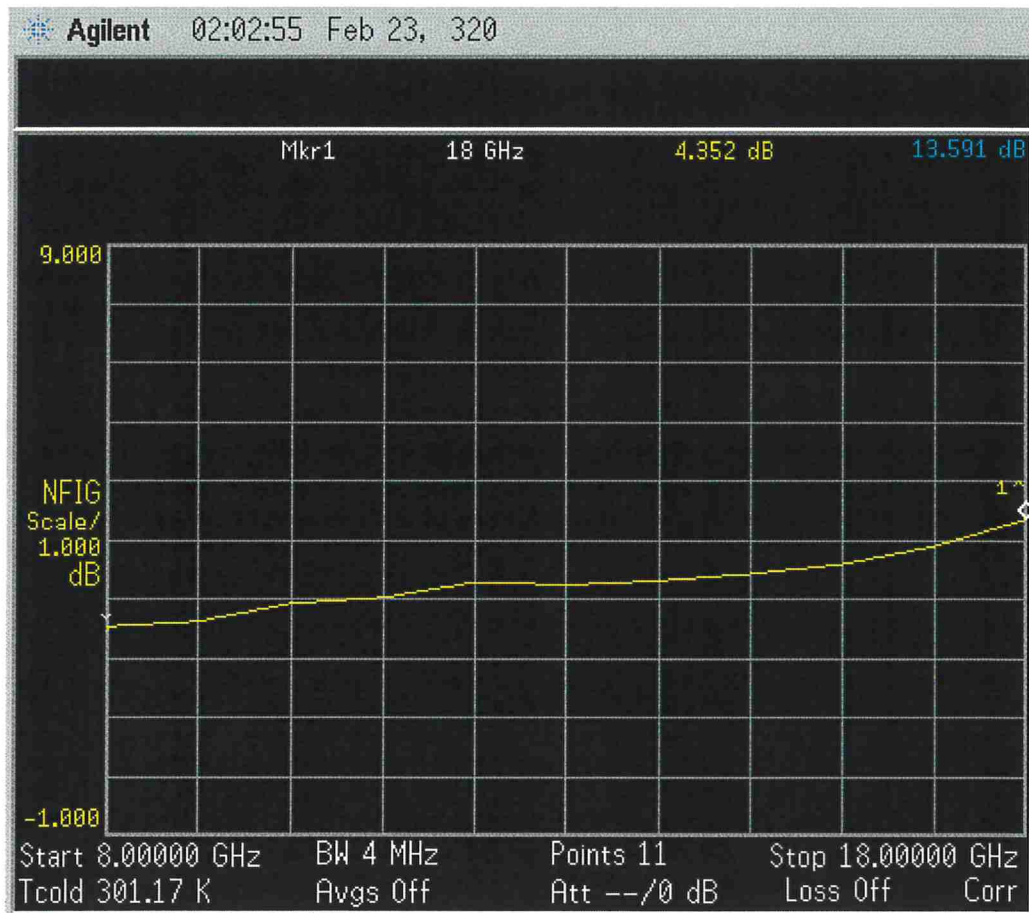
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Noise Figure Plot



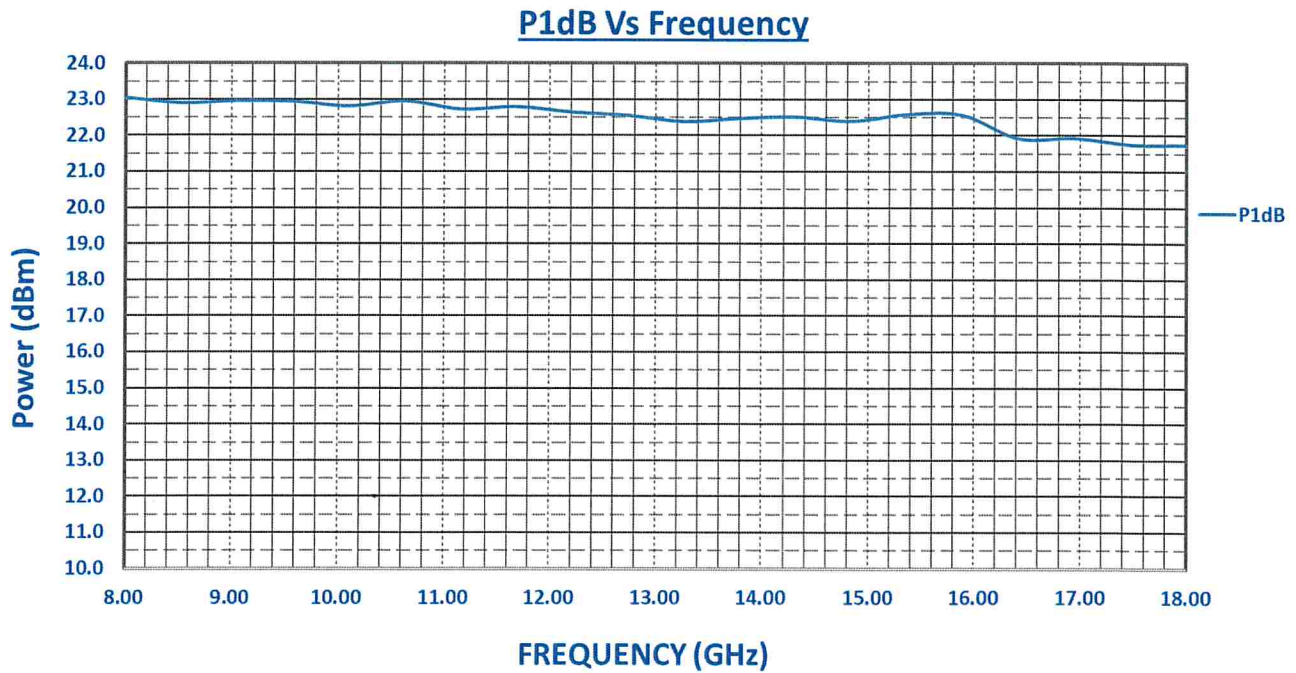
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P1dB Plot



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