



**SUMMARY TEST DATA  
ON  
PEC3-40-30M26R5G-6R0-12-12-SFF Rev. B**

Customer: _____	Tested By: <u>Kevin Mason</u>
SO No: _____	Temperature: <u>+25°C</u>
Model No: <u>PEC3-40-30M26R5G-6R0-12-12-SFF Rev. B</u>	Date: <u>8/19/14</u>
Serial No: <u>PL15661/1432</u>	Drawing No: <u>27607250</u> Rev: <u>A1</u>

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	0.03 – 26.5 GHz	<b>0.03 – 26.5 GHz</b> See Plot	
2	Gain:	+35dB Min	<b>40.58dB</b> See Plot	
3	Gain Flatness:	±3.5dB Max.	<b>±3.33dB</b> See Plot	
4	Noise Figure:	6.0dB Typ.	<b>500MHz to 18GHz : &lt;5.8dB</b> See Plot	
5	Pout @ 1dB Compression:	+12dBm Min.	<b>&gt;+12dBm</b>	
6	VSWR: (Input/Output)	2.5:1 (Max.)	<b>2.36:1</b> See Plot	
7	DC Supply:	700mA @ +12 to +15VDC Max.	<b>609mA</b>	

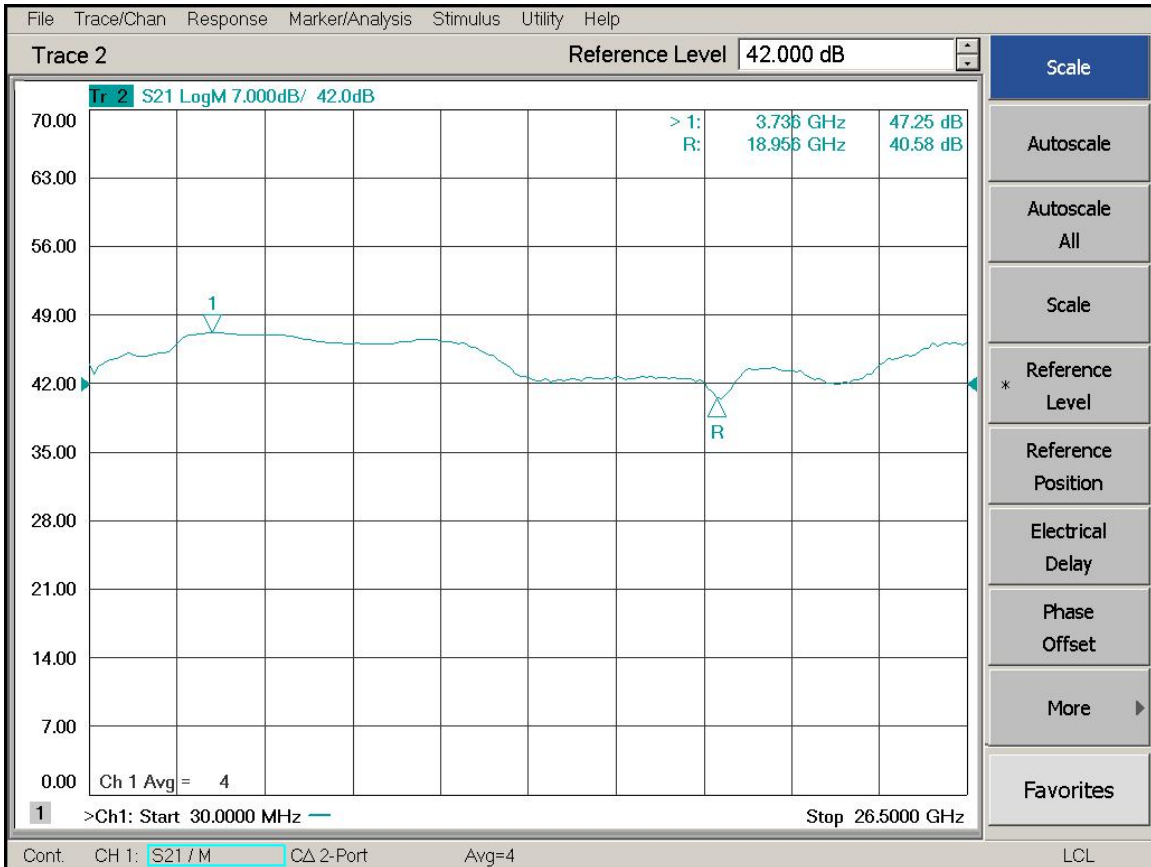
QA/QC Approval: \_\_\_\_\_ Date: \_\_\_\_\_



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**VNA Plots**

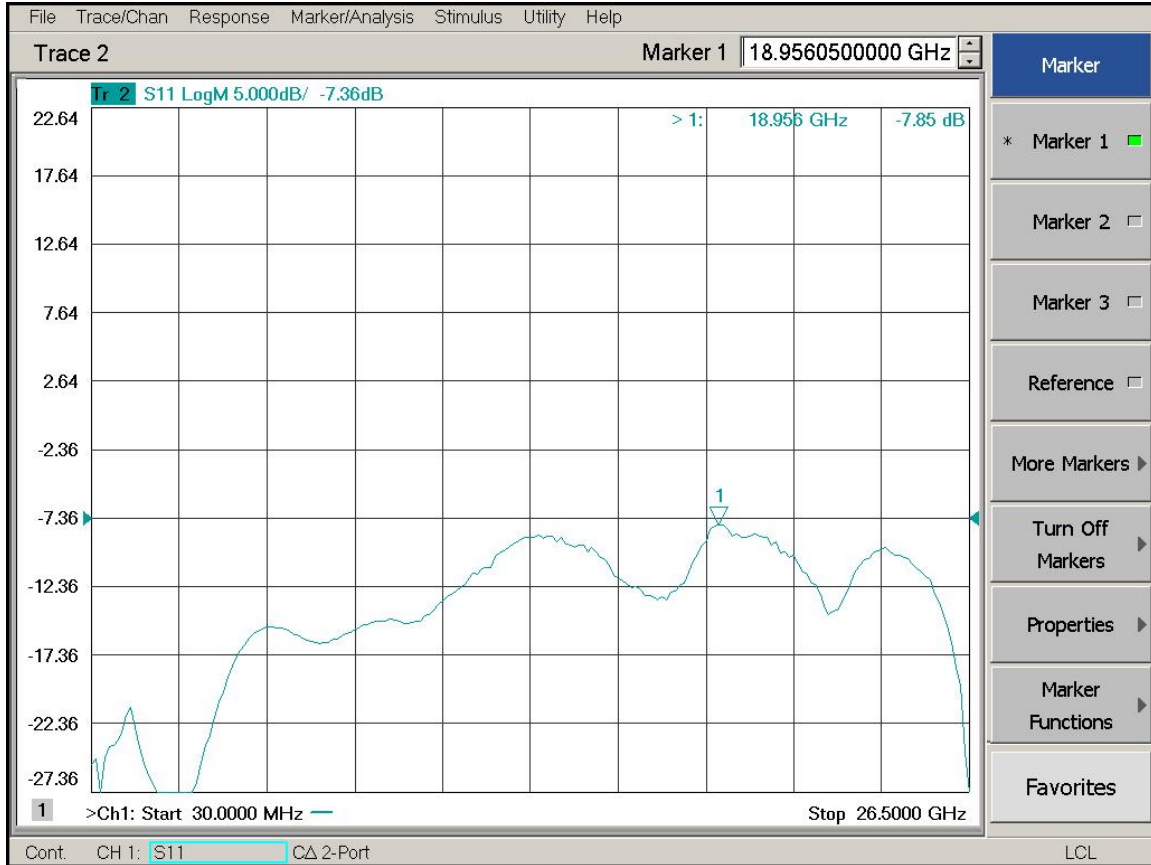
**Swept Gain Plot (S21)**





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**Swept Input VSWR (S11)**





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**Swept Output VSWR (S22)**

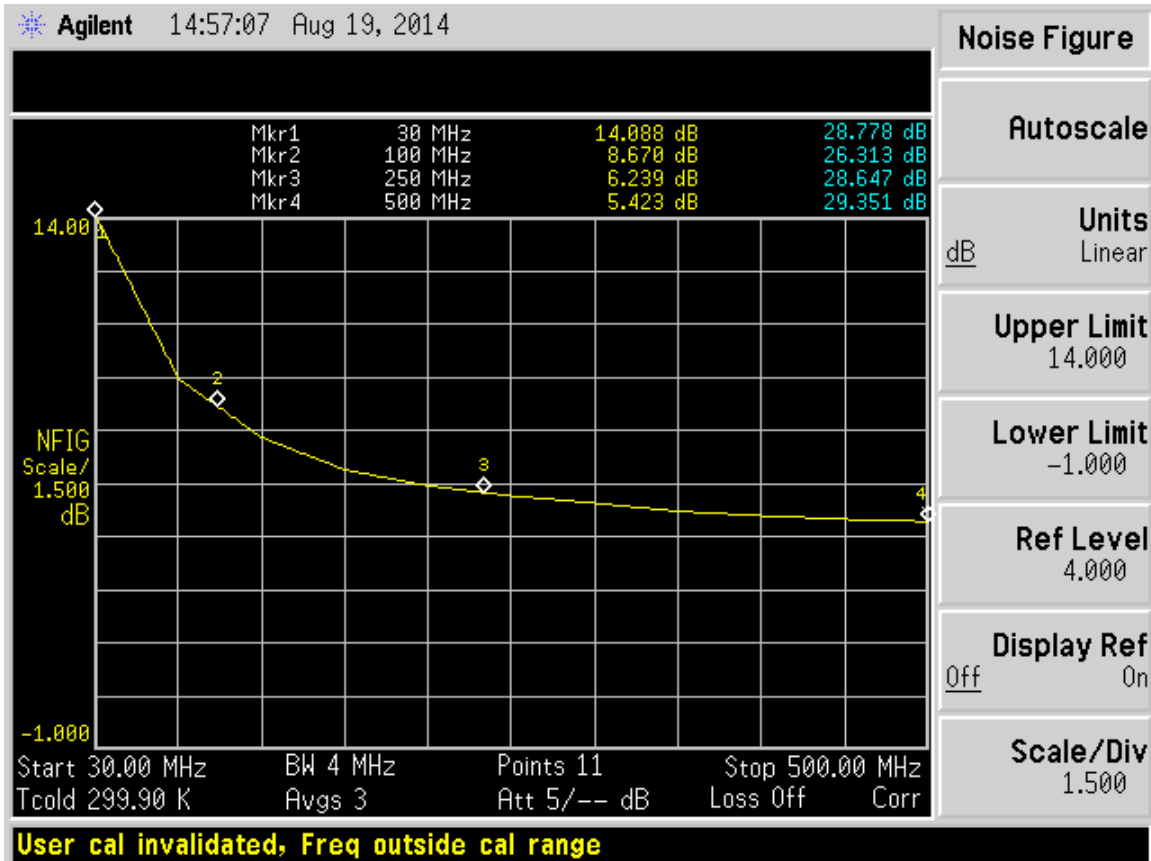




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**Noise Figure Plots**

**30MHz to 500MHz Plot**





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**500MHz to 26.5GHz**

