



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

Customer: _____ Tested By: Kevin Mason
 SO No: _____ Temperature: +25°C
 Model No: PEC-42-500M40G-20-12-292FF Date: 11/26/14
 Serial No: PL16214/1446 Drawing No: 27623504 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	500MHz - 40GHz	500MHz - 40GHz (See Plot)	
2	Gain:	42 dB Typ.	40.0dB (See Plot)	
3	Gain Flatness:	±2.5 dB Typ.	±1.94dB (See Plot)	
4	*Noise Figure:	5.5 dB Typ.	4.64dB (See Plot)	
5	Pout @ 1dB Compression:	+22 dBm Typ. 1-18 GHz +19 dBm Typ. 18-40 GHz	Pass	
6	VSWR In:	2.0:1 Max.	1.97:1 (See Plot)	
7	VSWR Out:	2.5:1 Max.	1.97:1 (See Plot)	
8	Input Power handling:	+17dBm CW Max	Pass	
9	DC Supply:	+12 to +15 VDC @ 450mA Typ.	+12 to +15 VDC @ 481mA	

*Up To 20 GHZ

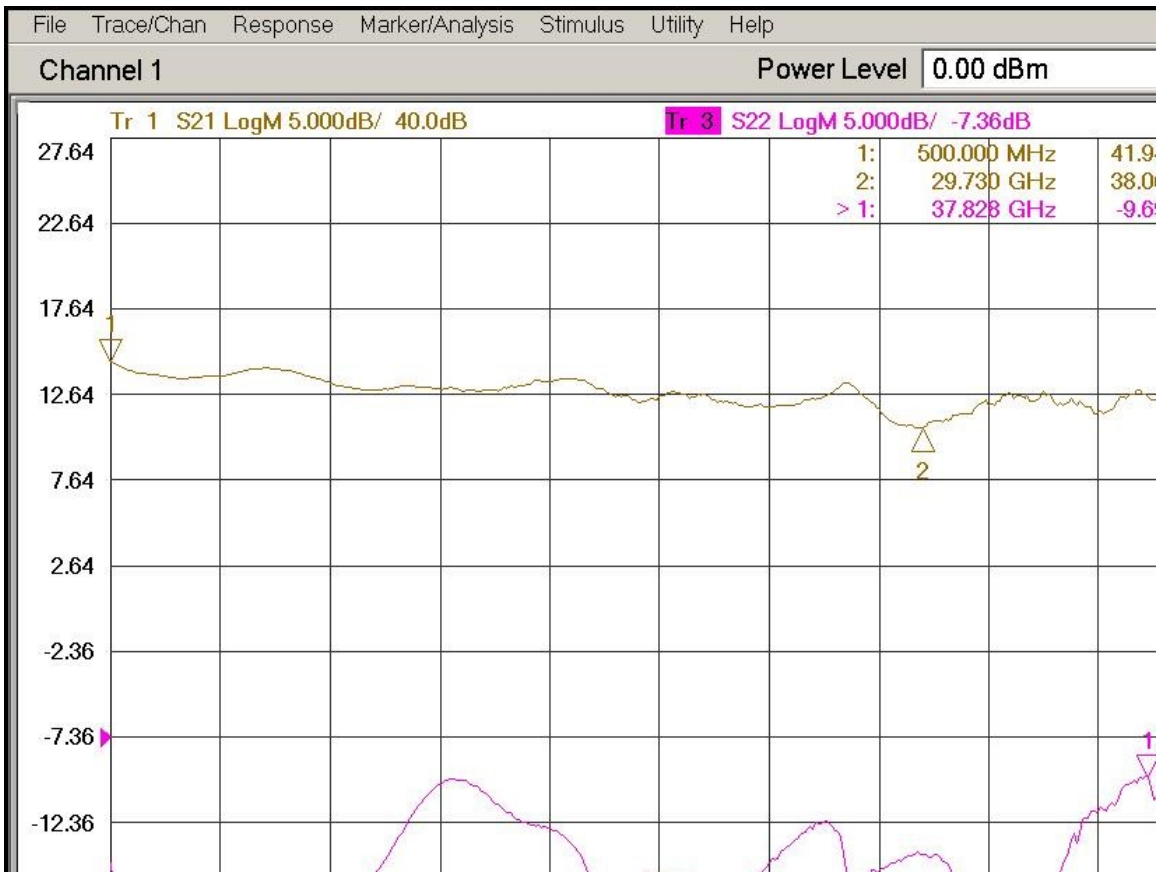
QA/QC Approval: _____ Date: _____

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S21 and S22 Plot:





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S11 Plot:





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Noise Figure Plot

