



**SUMMARY TEST DATA
ON
PE2-34-2G18G-3R5-15-SFF-VVG**

PL14032/1342

Customer: _____ Tested By: H. Gonzales
SO No: _____ Temperature: +25°C
Model No: PE2-34-2G18G-3R5-15-SFF-VVG Date: 10/03/13
Serial No: PL14032/1342 Drawing No: 27620803 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	5.5 to 18.0 GHz (Optimized) 2.0 to 18.0 GHz (Operating)	5.5 to 18.0 GHz (Optimized) 2.0 to 18.0 GHz (Operating) See Plot	
2	Linear Gain:	30dB Min.	30.90dB See Plot	
3	*Gain Flatness:	±1.0dB (Goal) ±1.5dB (Max)	± 0.84dB See Plot	
4	*Noise Figure:	3.0dB (Goal) 3.7dB (Max)	3.7dB @ 18GHz See Plot	
5	*OP1dB:	+10dBm Min.	≥10dBm	
6	VSWR: (In/Out)	2.0:1 Max.	Input 1.40:1 Output 1.80:1 See Plot	
7	Gain Control:	15dB Typ. 12dB Min.	12.19dB See Plot	
8	Control Voltage:	0 to 2.5 VDC Typ. 5VDC Max.	0 to 2.5 VDC Typ.	
9	DC Supply:	+12 to +15 VDC @280mA Nominal	272mA @ +12 to +15 VDC	

*At 0dB Attenuation

QA/QC Approval: _____ Date: _____

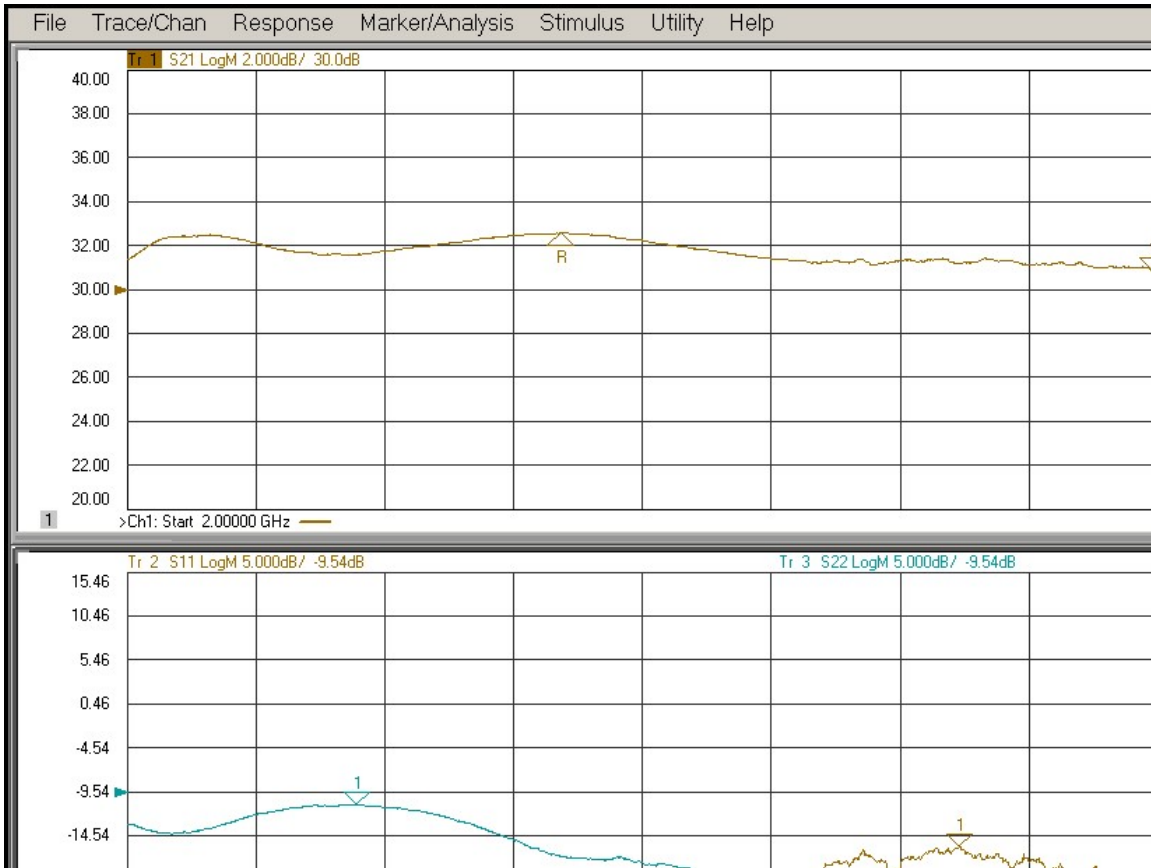
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**At Full Gain Setting
& Return Loss**

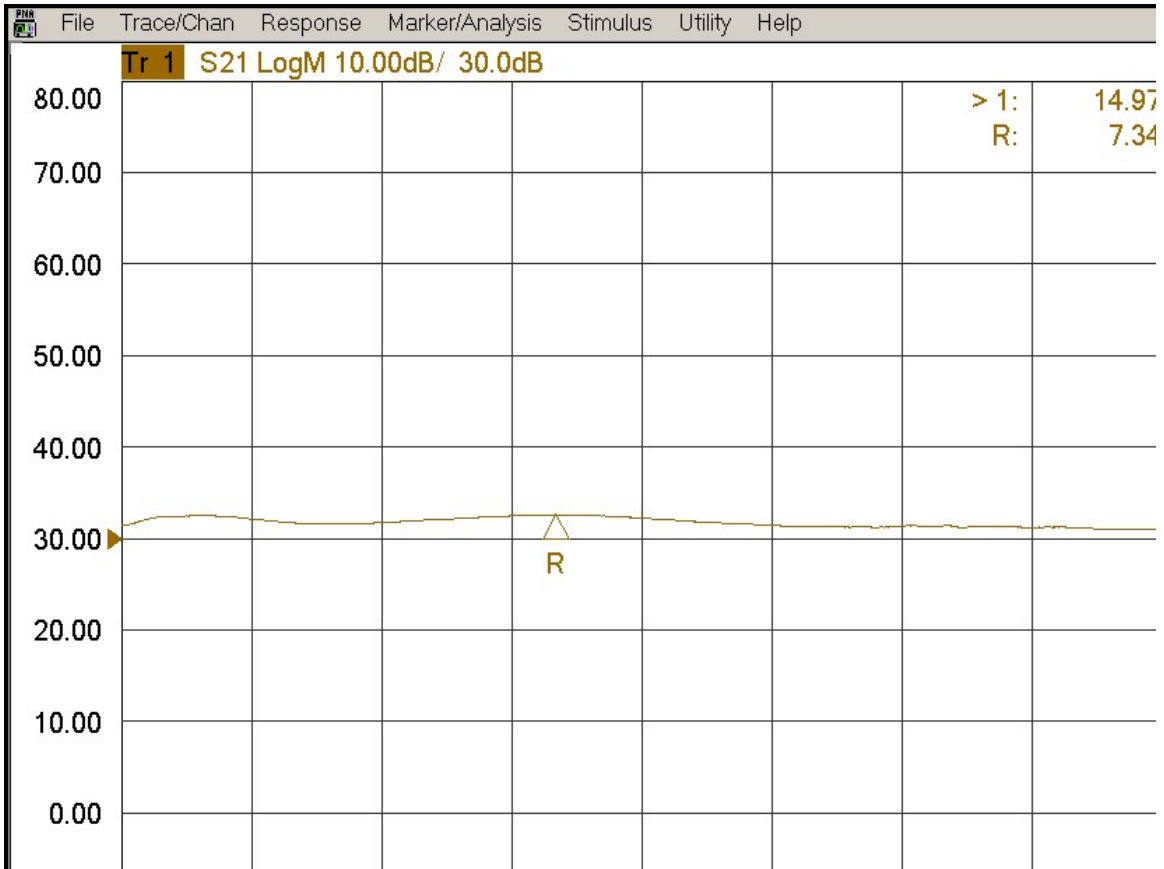




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Gain @ 0VDC on Control Voltage

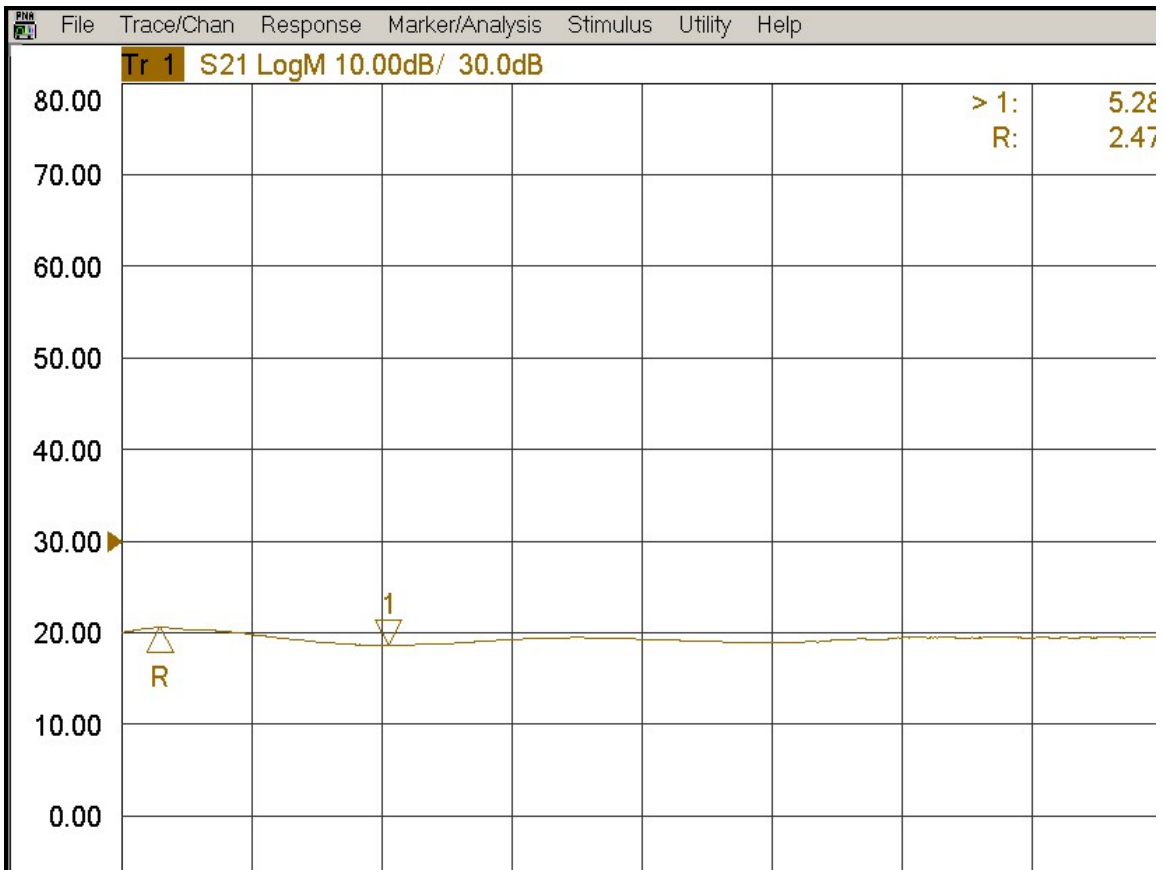




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Gain @ 2.5VDC on Control Voltage





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Noise Figure Plot

