



Typical Characteristics ON PEC-30-8G12G-6R0-28-15-SFF

PL26258/1932

PMI MODEL: PEC-30-8G12G-6R0-28-15-SFF IS AN AMPLIFIER WITH THE FOLLOWING SPECIFICATIONS.



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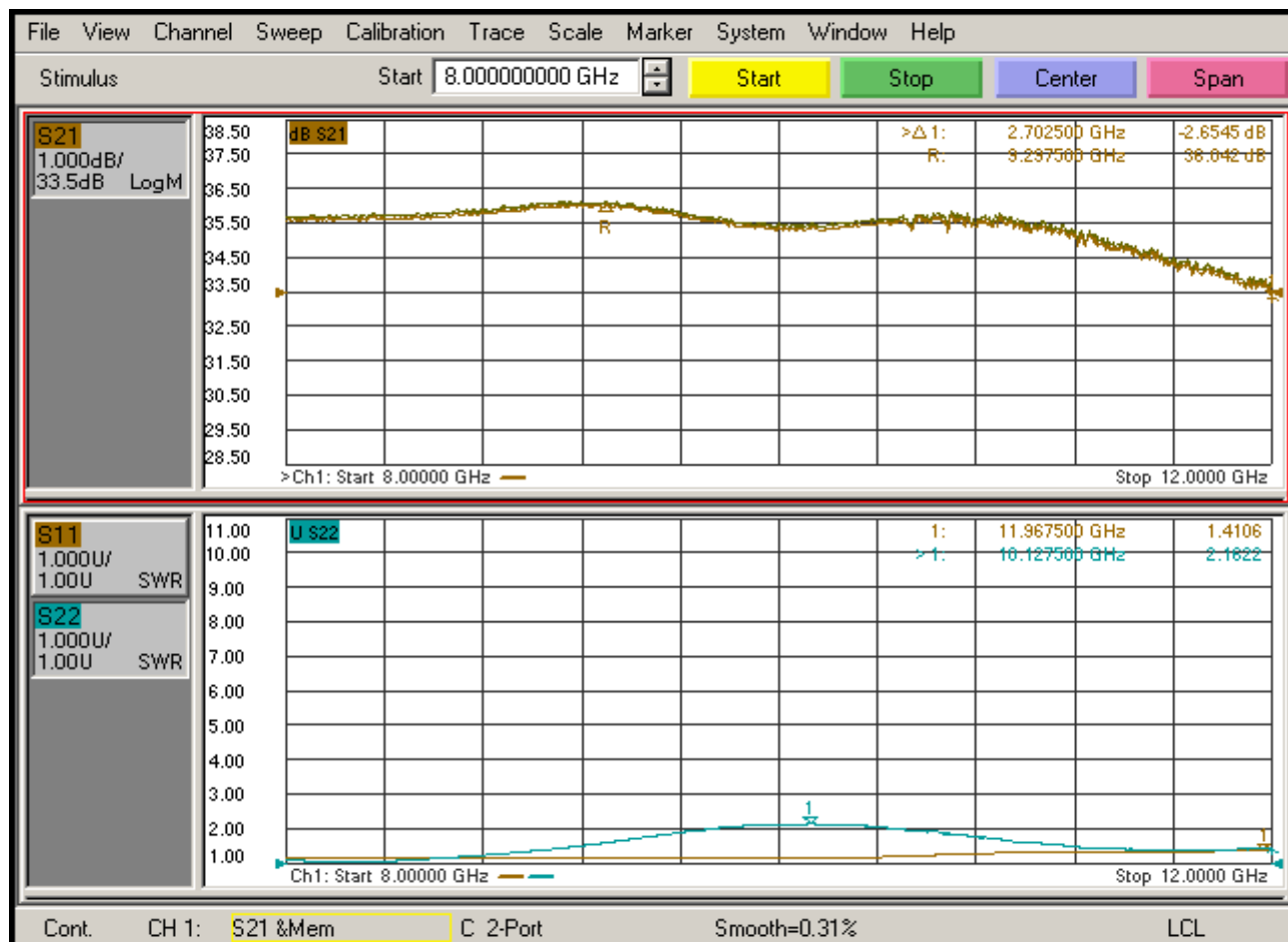
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TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range	8 GHz to 12 GHz	8 GHz to 12 GHz	
2	Gain	+30 dB Min.	36+dB See Plots	
3	Gain Flatness	±1.5 dB Max.	±1.32 dB	
4	Noise Figure	6.0 dB Max.	3.2dB See Plots	
5	Pout @ 1dB Compression	+23dBm Min. +25dBm Typ.	+24.74dBm Min. +26.69dBm Typ.	
6	Input VSWR	2.0:1 Max.	1.41:1 See Plot	
7	Output VSWR	2.2:1 Max. 2.0:1 Typ.	2.18:1 See Plot	
8	DC Supply	450mA @ +12 to +15VDC	430mA	



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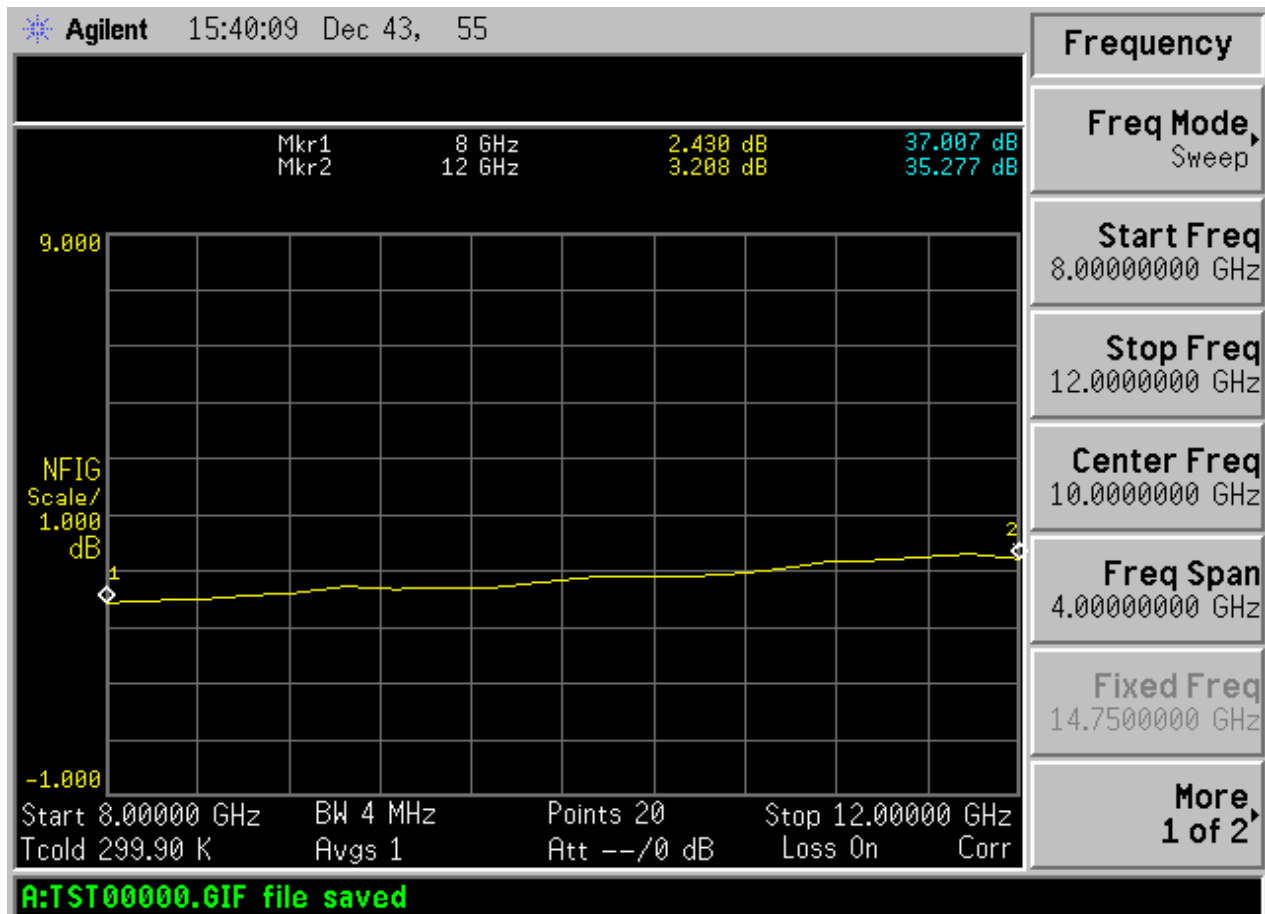
GAIN & INPUT/OUTPUT VSWR





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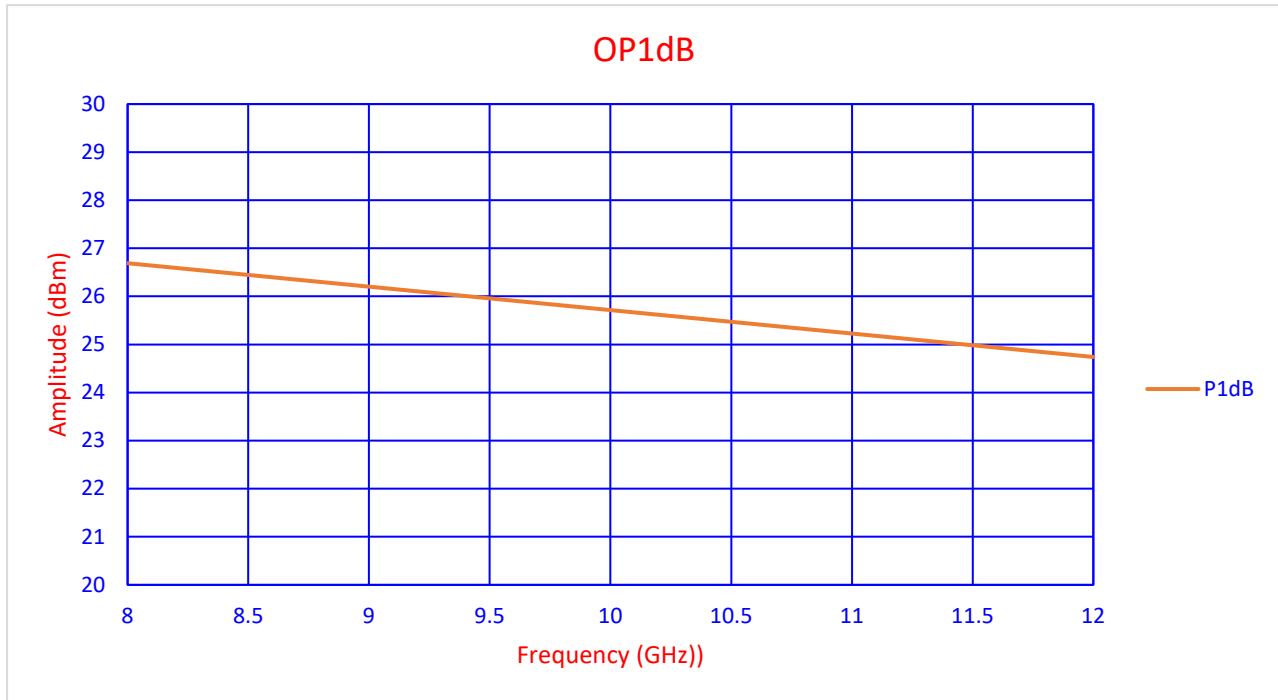
NOISE FIGURE PLOT





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P1dB GRAPH





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PSAT GRAPH

