TYPICAL CHARACTERISTICS
ON
PIA-12D8G-CD-1

TESTED & REPORTED BY:

SEBASTIAN PALACIO

January 24, 2013

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ITEM NO.	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA/QC
1	Frequency Range:	12.8 GHz	**12.8 GHz See Plot**	
2	Power Output:	13dBm Min.	**13.42dBm See Plot**	
3	VSWR:	1.4:1	**Pass**	
4	Internal Reference:	100 MHz	**Pass**	
5	Frequency Stability:	±3ppm	**+/-3ppm**	
6	Spurious:	<-80dBc	**Pass**	
7	Harmonics:	<-25dBc	**-43.37dBc See Plot**	
8	Phase Noise @ Offset: - 1 Hz: - 10 Hz - 100 Hz: - 1 KHz: - 10 KHz: - 100 KHz: - 1 MHz	 - <-34dBc/Hz - <-65dBc/Hz - <-85dBc/Hz - <-108dBc/Hz - <-115dBc/Hz - 120dBc/Hz - 140dBc/Hz	**Pass See Plot**	
9	DC Supply:	+15V @ 300mA Max.	**300mA**	
10	Alarm:	TTL Volts	**Pass**	

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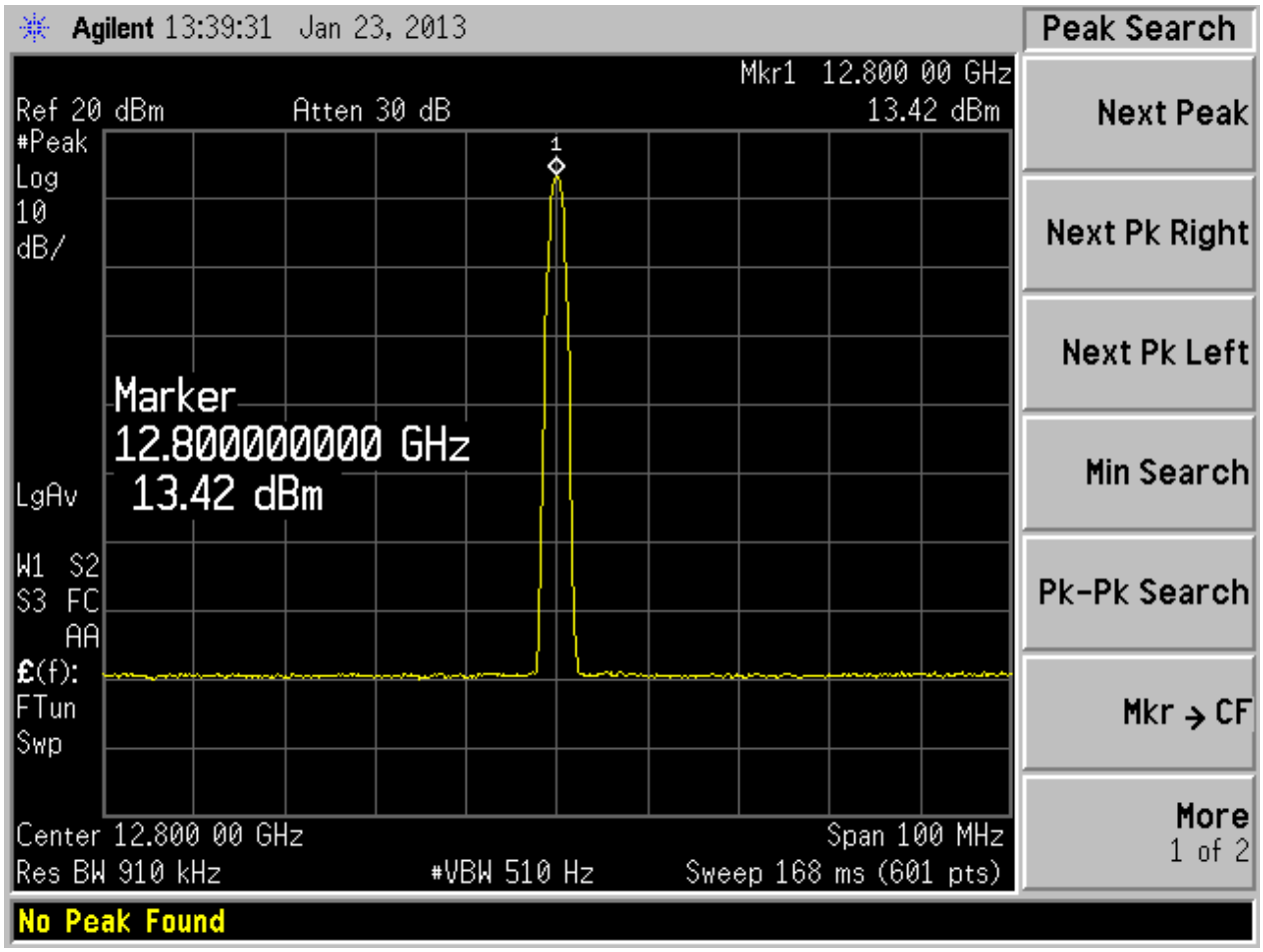
Power Output



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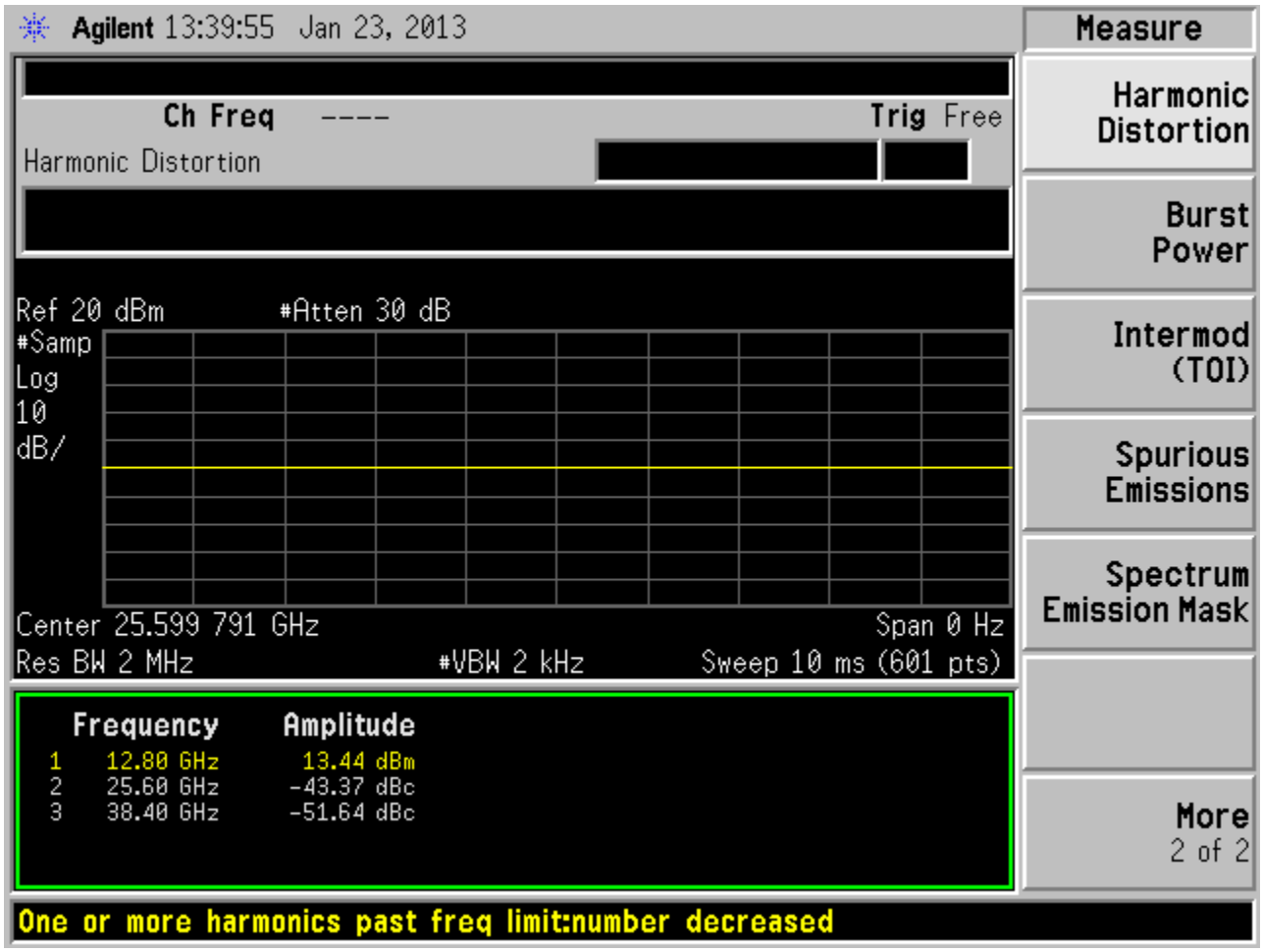
Harmonics



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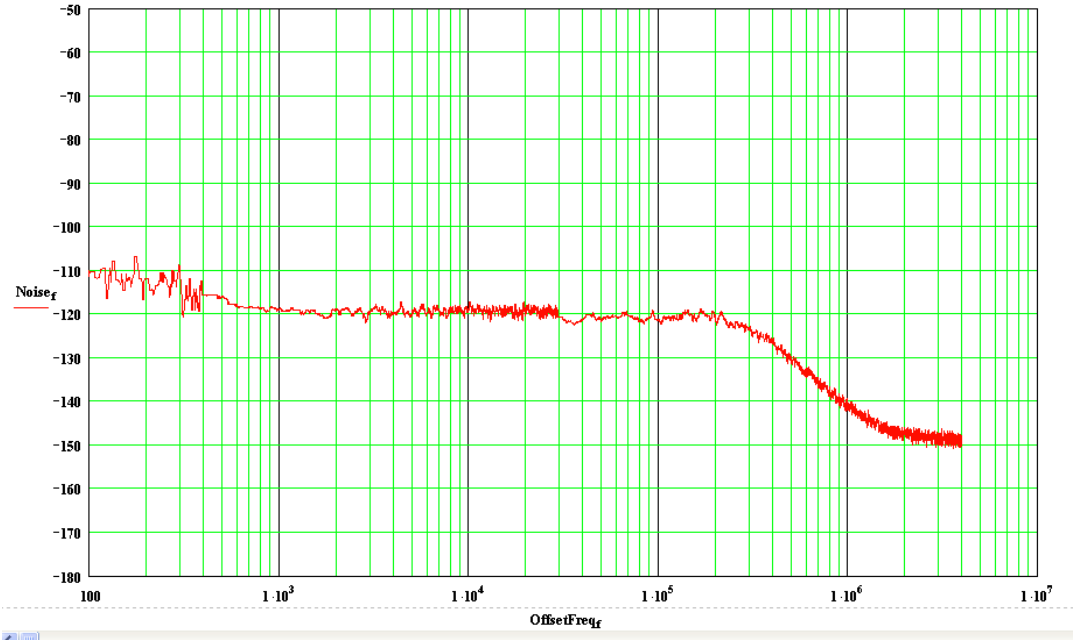
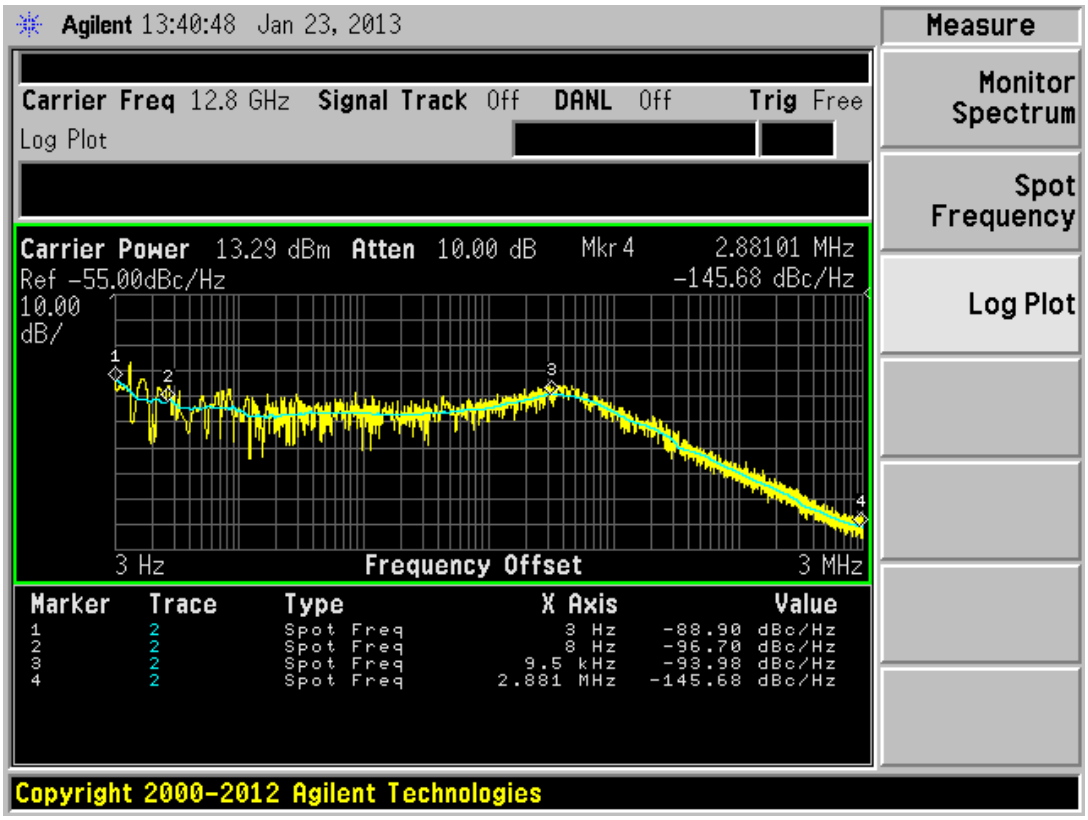
Phase Noise





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