



22781 Airport Rd. Suite D1 Aurora, OR 97002

## Certificate of Traceable Calibration

Certificate Number:	TTGC12	Cal Date:	4/5/12	Manufacturer:	Precise RF
Model:	TTG	Serial:	TTG1202003	Description:	Two Tone Gen.
Temperature:	21C°	Humidity:	70%	Issued by:	A Crane
Instrument Condition:	<input checked="" type="checkbox"/> New ( ) Recalibration ( ) Inoperative ( ) Physical Damage				
Calibration Procedure:	TTG CAL 1201				
Calibration data, service performed, findings, remarks:	<input checked="" type="checkbox"/> Meets published specifications ( <input checked="" type="checkbox"/> Specific measurement, results see below: THD 700 Hz - 40 dB THD 1900 Hz - 38 dB RMS Power: 1/2 WATT P-P Line out: 2.96 V Freq. Balance: ≤ 1 dB				
<p>The calibration performed is traceable using the NIST traceable instruments. Some test and measurement equipment was calibrated at the PreciseRF laboratory using NIST traceable instruments. The item calibrated may be used as a calibration reference only, and shall not be used as a NIST calibration standard. This certificate shall not be reproduced without the express written authority of the calibration facility.</p>					

### Calibration Instruments:

Manufacturer/Model:	ID Number:	Description:	Comments:
Tektronix TDS2022C	C012312	Oscilloscope	NIST traceable 200 MZ digital scope 2GB sampling rate
Tektronix 7B92A	B0726424	Calibrated time base	NIST traceable 500MHz calibrated 500pS
Fluke8520A	4715009	Precision digital multimeter	NIST traceable 6 digit multimeter
RIGOL DSA1030	DSA1B13200079	3 GHz spectrum analyzer	Traceable though Rigol certificate # DSA10301B13200079
ADC MV106	11169	Voltage Calibration Standard	Calibrated with Geiter SVR voltage reference cal check 728
Tektronix FG502	B075948	11MHz Function Generator	Calibrated with Tektronix TDS2022C C012312 , and Fluke8520A 4715009
Tektronix FG504	B059991	40MHz Function Generator	Calibrated with Tektronix TDS2022C C012312 , and Fluke8520A 4715009
Tektronix SG504	B065279	250MHz constant amplitude sine wave calibrator	Calibrated with Tektronix TDS2022C C012312 , and Fluke8520A 4715009
Tektronix PG502	B031984	1nS rise fall time pulse generator	Calibrated with Tektronix 7904 , and Tektronix 7B92A B0726424