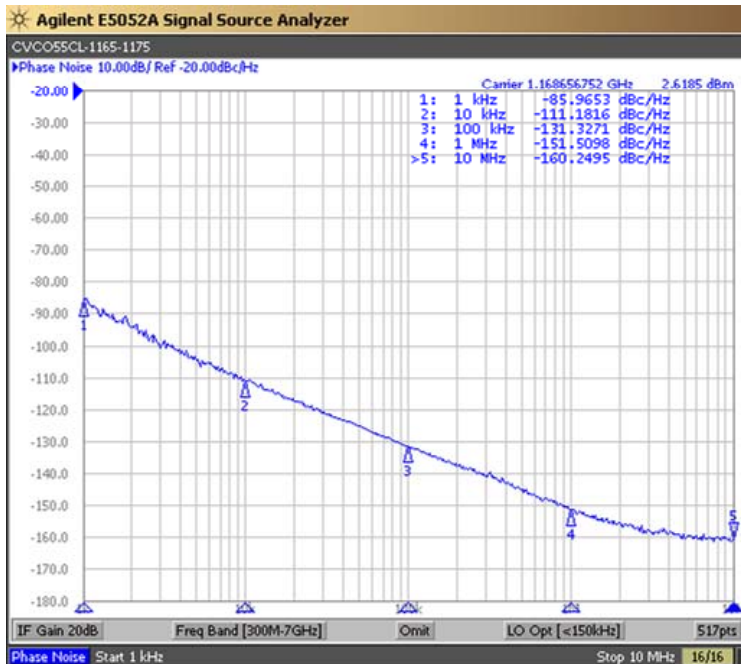
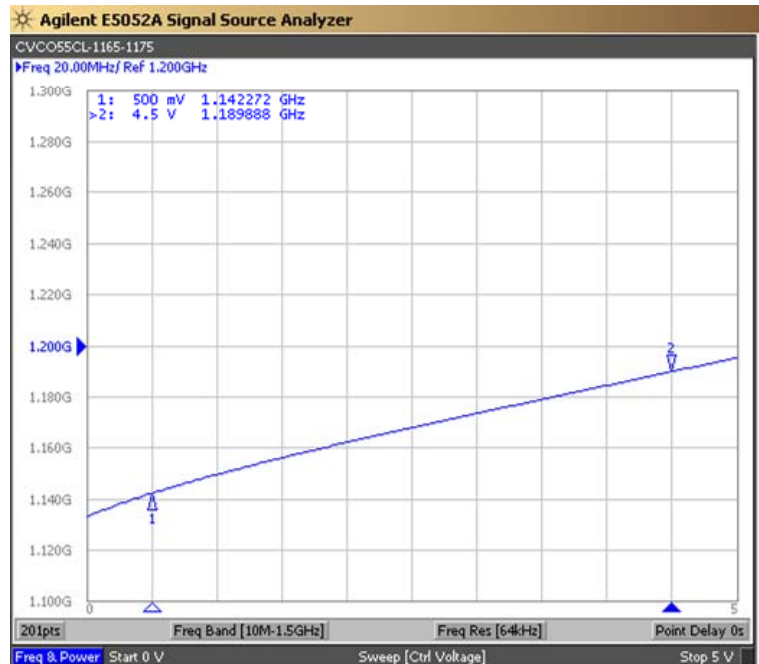


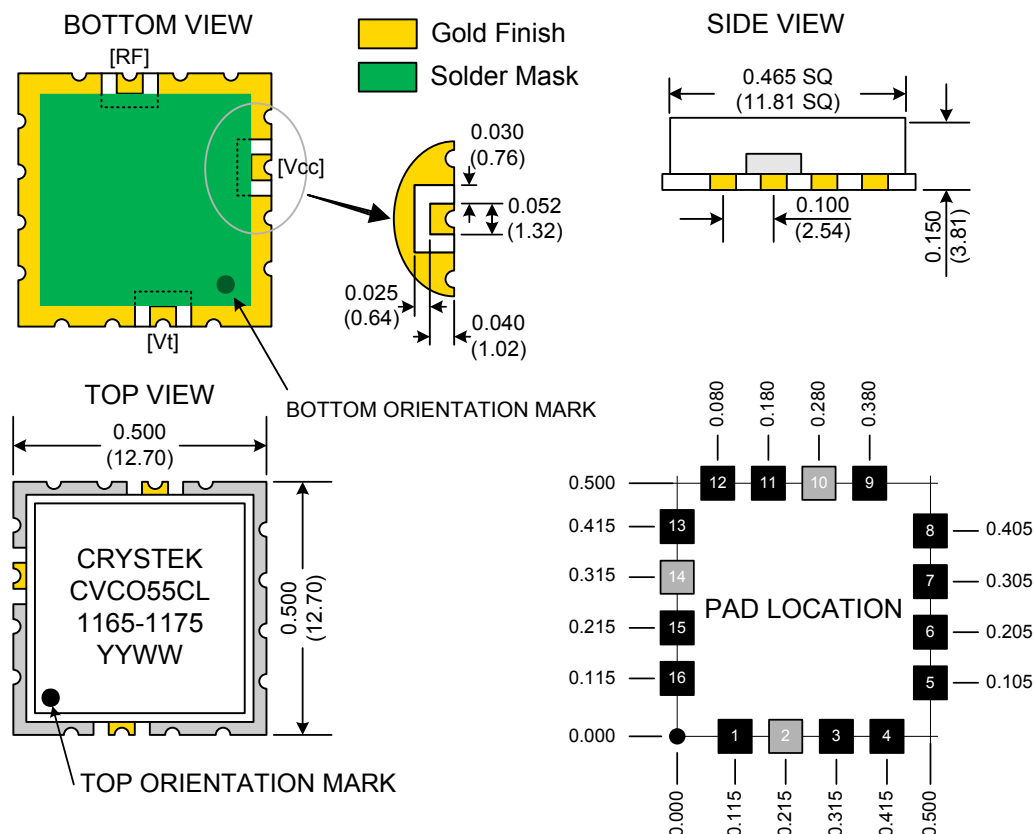
| PERFORMANCE SPECIFICATION                        | MIN  | TYP  | MAX  | UNITS     |
|--------------------------------------------------|------|------|------|-----------|
| Lower Frequency:                                 |      |      | 1165 | MHz       |
| Upper Frequency:                                 | 1175 |      |      | MHz       |
| Tuning Voltage:                                  | 0.5  |      | 4.5  | VDC       |
| Supply Voltage:                                  | 4.75 | 5.0  | 5.25 | VDC       |
| Output Power:                                    | 0    | +2.5 | +5.0 | dBm       |
| Supply Current:                                  |      | 35   | 40   | mA        |
| Harmonic Suppression (2 <sup>nd</sup> Harmonic): |      |      | -20  | dBc       |
| Pushing:                                         |      | 0.2  | 0.7  | MHz/V     |
| Pulling, all Phases:                             |      | 0.2  | 0.7  | MHz pk-pk |
| Tuning Sensitivity:                              |      | 10   |      | MHz/V     |
| Phase Noise @ 10kHz offset:                      |      | -110 |      | dBc/Hz    |
| Phase Noise @ 100kHz offset:                     |      | -129 |      | dBc/Hz    |
| Load Impedance:                                  |      | 50   |      | $\Omega$  |
| Input Capacitance:                               |      |      | 47   | pF        |
| Operating Temperature Range:                     | -40  |      | +85  | °C        |
| Storage Temperature Range:                       | -45  |      | +90  | °C        |

### Phase Noise (1 Hz BW, Typical)

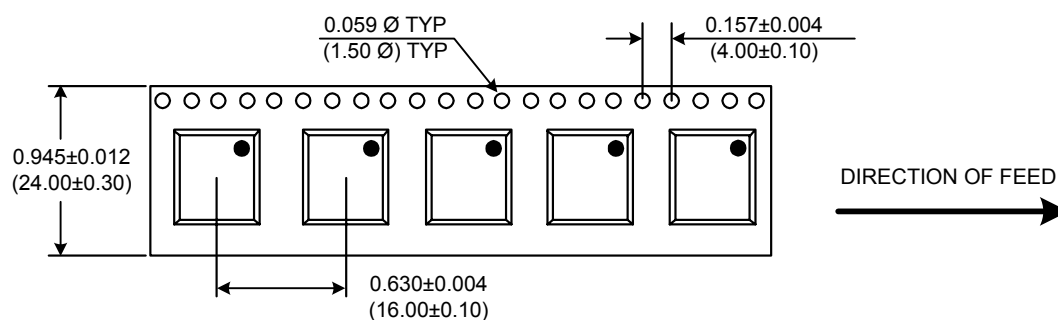


### Tuning Curve (Typical)





### TAPE AND REEL



#### Product Control:

|                      |                    |               |           |
|----------------------|--------------------|---------------|-----------|
| Crystek Part Number: | CVCO55CL-1165-1175 | Release Date: | 28-Feb-08 |
| Revision Level:      | C                  | Responsible:  | C. Vales  |

Specification is subject to change without notice

