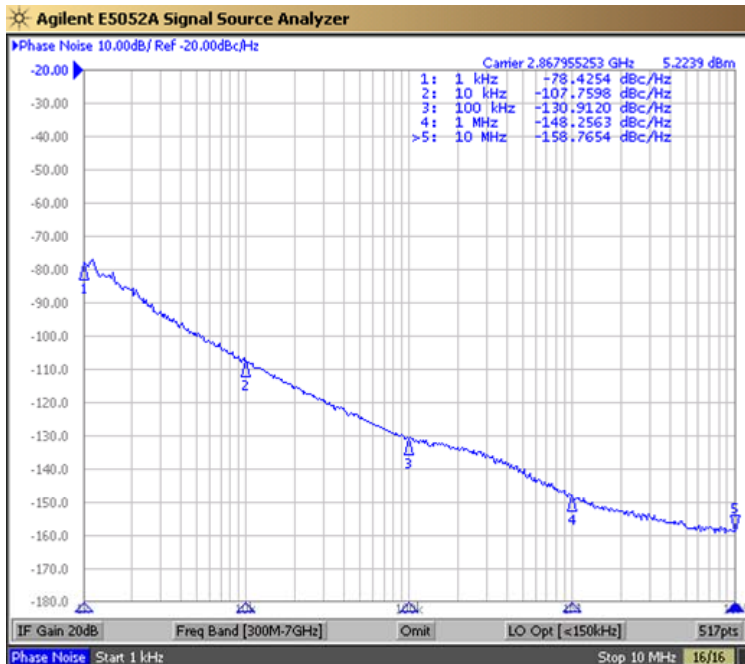


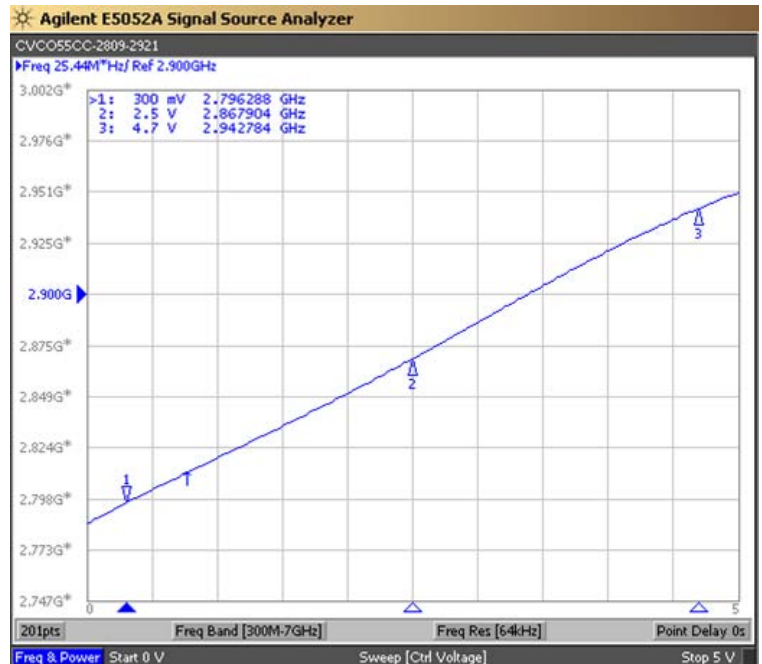


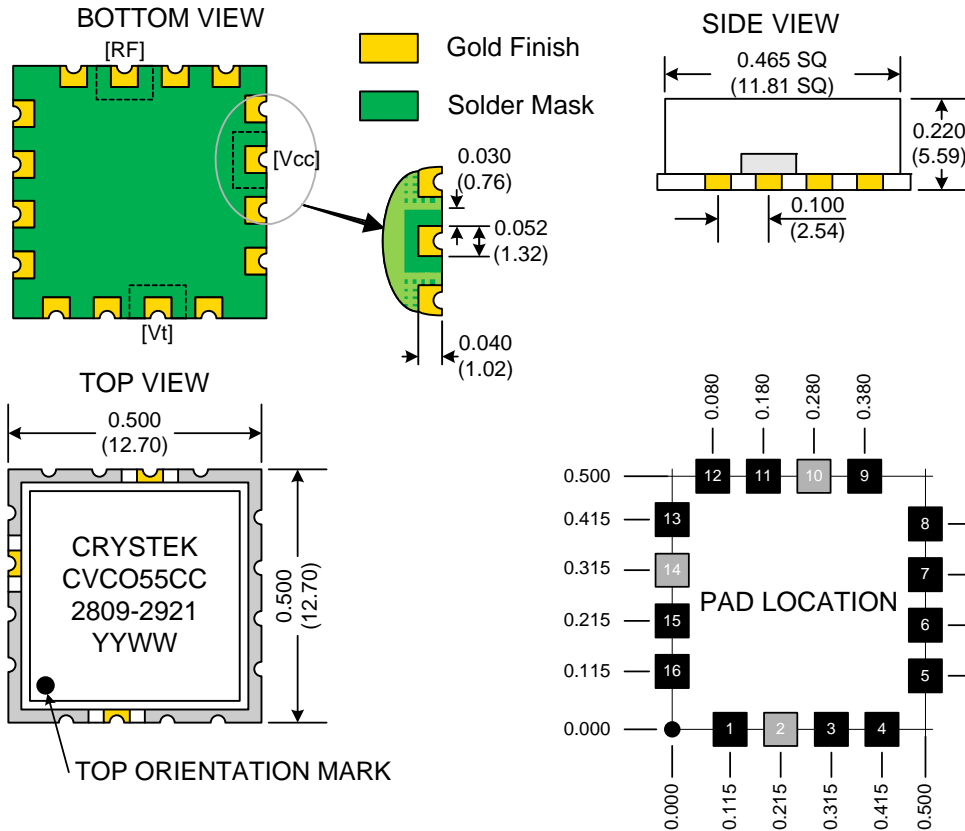
| PERFORMANCE SPECIFICATION | MIN | TYP | MAX | UNITS |
|---|------|------|------|--------------------|
| Lower Frequency: | | | 2809 | MHz |
| Upper Frequency: | 2921 | | | MHz |
| Tuning Voltage: | 0.3 | | 4.7 | VDC |
| Supply Voltage: | 4.75 | 5.0 | 5.25 | VDC |
| Output Power: | 0 | +3.0 | +6.0 | dBm |
| Supply Current: | | 25 | | mA |
| Harmonic Suppression (2 nd Harmonic) | | -15 | | dBc |
| Pushing: | | | 3.0 | MHz/V |
| Pulling, all Phases: | | | 3.0 | MHz pk-pk |
| Tuning Sensitivity: | | 40 | | MHz/V |
| Phase Noise @ 10kHz offset: | | -108 | | dBc/Hz |
| Phase Noise @ 100kHz offset: | | -128 | | dBc/Hz |
| Load Impedance: | | 50 | | Ω |
| Input Capacitance: | | | 22 | pF |
| Operating Temperature Range: | -40 | | +85 | $^{\circ}\text{C}$ |
| Storage Temperature Range: | -45 | | +90 | $^{\circ}\text{C}$ |

Phase Noise (1 Hz BW, Typical)

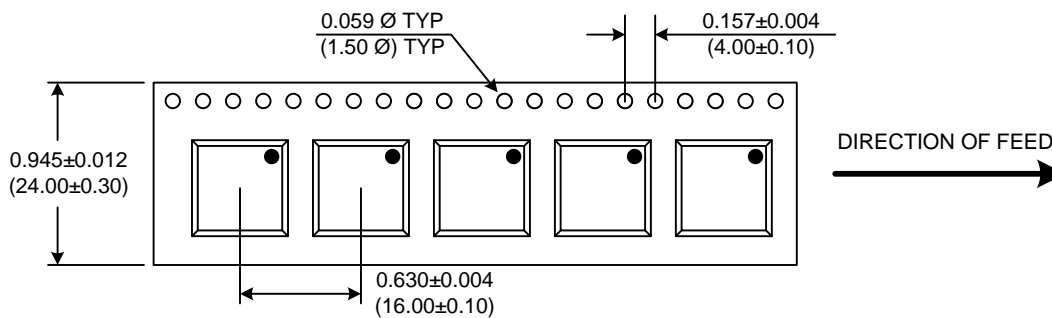


Tuning Curve (Typical)





TAPE AND REEL



Product Control:

| | | | |
|----------------------|--------------------|---------------|-------------|
| Crystek Part Number: | CVCO55CC-2809-2921 | Release Date: | 19-Mar-2014 |
| Revision Level: | C | Responsible: | C. Vales |

Specification is subject to change without notice