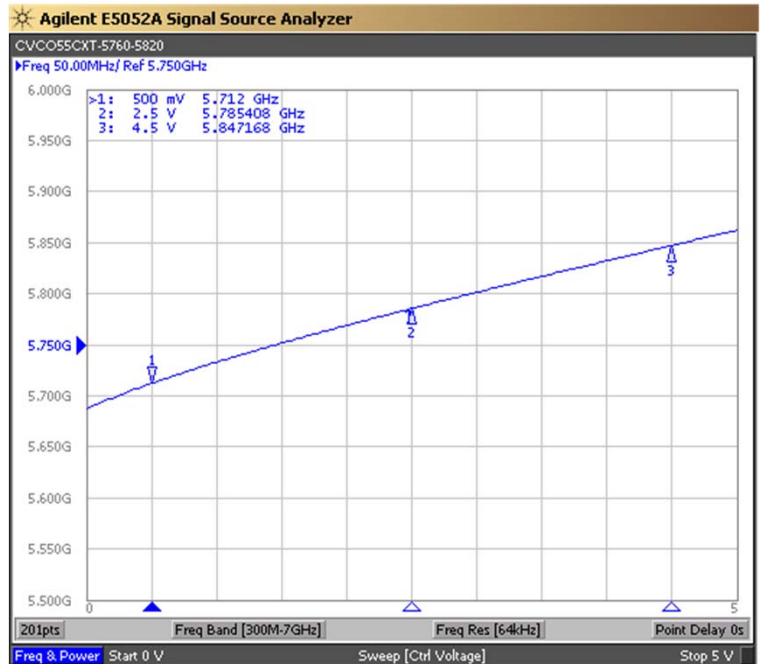
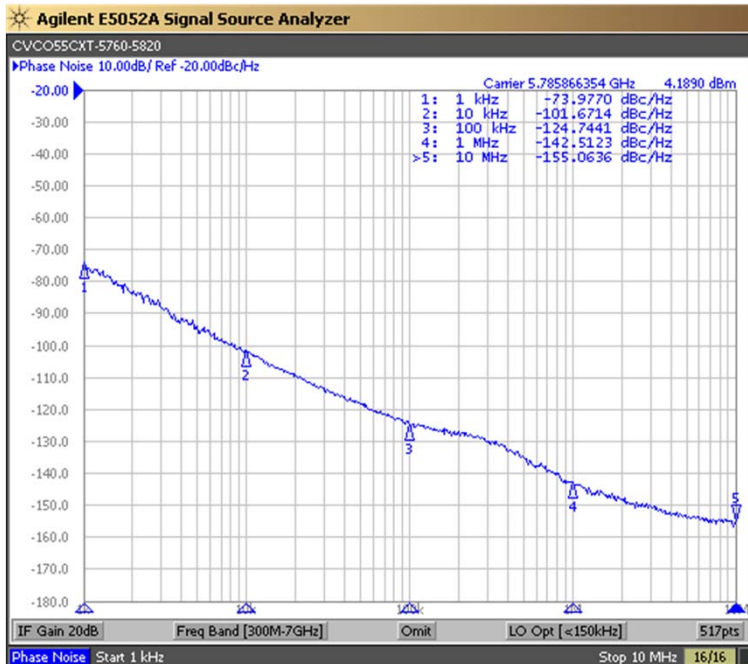




| PERFORMANCE SPECIFICATION | MIN | TYP | MAX | UNITS |
|------------------------------|------|------|------|-----------|
| Lower Frequency: | | | 5760 | MHz |
| Upper Frequency: | 5820 | | | MHz |
| Tuning Voltage: | 0.5 | | 4.5 | VDC |
| Supply Voltage: | 7.6 | 8.0 | 8.4 | VDC |
| Output Power: | 0 | +3.0 | +6.0 | dBm |
| Supply Current: | | 25 | 35 | mA |
| Harmonic, F×(0.5): | | -30 | -25 | dBc |
| Harmonic, F×(1.5): | | -35 | -30 | dBc |
| Harmonic, F×(2.0): | | -30 | -25 | dBc |
| Pushing: | | 1.5 | 3.0 | MHz/V |
| Pulling, all Phases: | | 1.5 | 3.0 | MHz pk-pk |
| Tuning Sensitivity: | | 20 | | MHz/V |
| Phase Noise @ 10kHz offset: | | -100 | -95 | dBc/Hz |
| Phase Noise @ 100kHz offset: | | -122 | -118 | dBc/Hz |
| Load Impedance: | | 50 | | Ω |
| Input Capacitance: | | | 22 | pF |
| Operating Temperature Range: | -40 | | +85 | °C |
| Storage Temperature Range: | -45 | | +90 | °C |

Phase Noise (1 Hz BW, Typical)

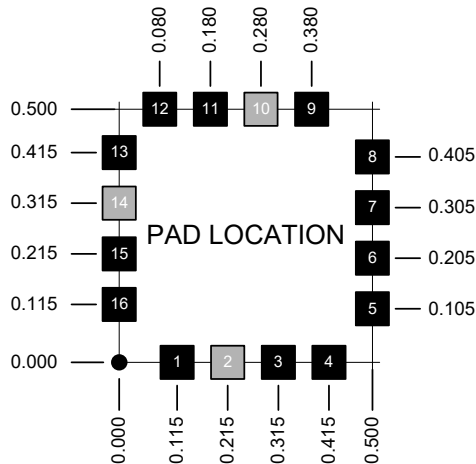
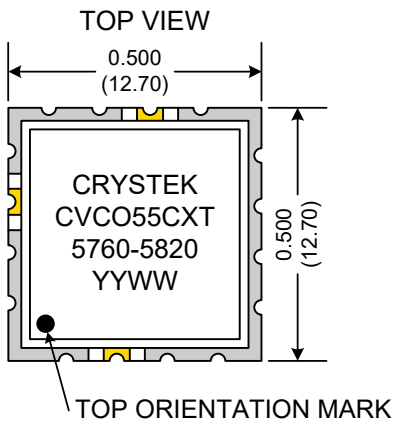
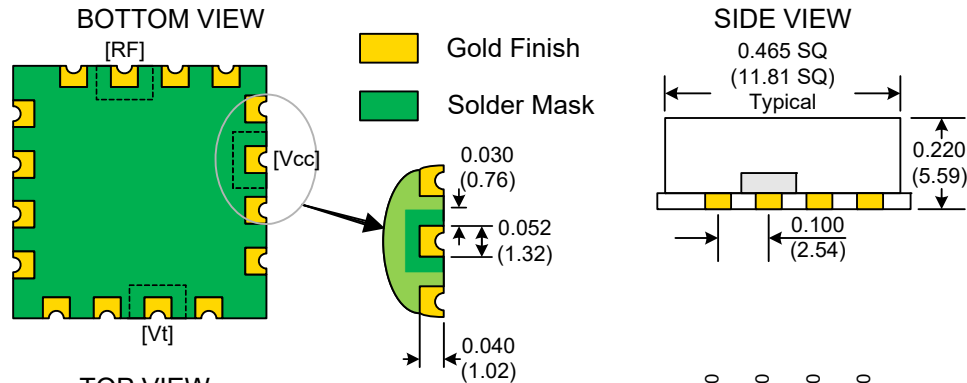
Tuning Curve (Typical)



Product Control:

| | | | |
|----------------------|---------------------|---------------|-------------|
| Crystek Part Number: | CVCO55CXT-5760-5820 | Release Date: | 17-Dec-2018 |
| Revision Level: | C | Responsible: | C. Vales |





| Pad | Connection |
|--------|------------|
| 2 | Vt |
| 10 | RF-OUTPUT |
| 14 | Vcc |
| Others | GROUND |

- Unless otherwise specified, Dimensions are in: $\frac{IN}{(mm)}$
- Pad Location Dimensions are in: Inches

TAPE AND REEL



Drawing not to scale

Product Control:

| | | | |
|----------------------|---------------------|---------------|-------------|
| Crystek Part Number: | CVCO55CXT-5760-5820 | Release Date: | 17-Dec-2018 |
| Revision Level: | C | Responsible: | C. Vales |

Specification is subject to change without notice