

## PRODUCT CHANGE NOTICE PCN Form (D4-E000-73)

**PCN#15-074**

**NOTIFICATION DATE: December 3, 2015**

**MODEL(S) AFFECTED:**

**JTOS-1650+**

**EXTENT OF CHANGE:**

Improvement in canning process for better control.

**EFFECT OF CHANGE:**

No change in FIT, FORM or Case Style Package Dimensions. Change in the package form is cosmetic only. Slight change in Function - performance differs from original performance as follows:

| Parameters            | Original Performance    | Original spec              | New Performance       | New Spec                   |
|-----------------------|-------------------------|----------------------------|-----------------------|----------------------------|
| Second Harmonic [dBc] | -39.31 to -20.39 dBc    | -20 dBc Typ<br>-14 dBc Max | -44.43 to -22 dBc     | -30 dBc Typ<br>-17 dBc Max |
| P.N @ 1kHz [dBc/Hz]   | -70.5 to -66.7 dBc/Hz   | -70 dBc/Hz Typ             | -75.4 to -69.3 dBc/Hz | -72 dBc/Hz Typ             |
| P.N @ 10kHz [dBc/Hz]  | -98.7 to -95.8 dBc/Hz   | -95 dBc/Hz Typ             | -103 to -97.3 dBc/Hz  | -99 dBc/Hz Typ             |
| P.N @ 100kHz [dBc/Hz] | -124.8 to -120.1 dBc/Hz | -115 dBc/Hz Typ            | -127 to -120.5 dBc/Hz | -124 dBc/Hz Typ            |

No addition or removal of components.

**REASON FOR CHANGE:**

Improvement in canning process for better control

**EFFECTIVE DATE OF CHANGE:**

Immediate, pending stock depletion

**ATTACHMENTS:**

Data available to support the change  
See updated spec for change in Harmonics and Phase Noise

**QUESTIONS?**

**[PLEASE CONTACT US.](#)**