

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

**PCN# 15-076**

**NOTIFICATION DATE: Dec. 28, 2015**

**MODEL(S) AFFECTED:**

**ROS-2500-2919+, ZX95-2500WA-S+**

**EXTENT OF CHANGE:**

1. Replacement of supplied transistor and varactor diode based on discontinuation of supply with alternate, qualified components.
2. Slight changes of additional internal components to support item 1 and repeat historical performance.

**EFFECT OF CHANGE:**

No change in FIT or FORM

Slight change in Function - performance differs from original performance as follows:

Parameters	Original Performance	Original spec	New Performance	New Spec
Current	25.4 to 26 mA	35 mA Max	27.7 to 28 mA	35 mA Max
Sensitivity	38.8 to 72 MHz/V	38-74 MHz/V Typ	35.3 to 68.5 MHz/V	36-68 MHz/V Typ
Second Harmonic	-22.56 to -13.19 dBc	-19 dBc Typ	-22.31 to -11.35 dBc	-17 dBc Typ,
Third Harmonic	-36.79 to -25.95 dBc		-57.85 to -27.6 dBc	
P.Noise @10kHz	-101.3 to -99.1 dBc/Hz	-100 dBc/Hz Typ	-101.4 to -97.1 dBc/Hz	-99 dBc/Hz Typ
P.Noise @100kHz	-122.9 to -121 dBc/Hz	-122 dBc/Hz Typ	-122.4 to -119.4 dBc/Hz	-121 dBc/Hz Typ

No addition or removal of components.

**REASON FOR CHANGE:**

Obsolescence of supplied components

**EFFECTIVE DATE OF CHANGE:**

Immediate, pending stock depletion

**ATTACHMENTS:**

Data available to support the change  
See datasheets at the links below for change in performance  
[ROS-2500-2919+](#) [ZX95-2500WA-S+](#)

**QUESTIONS?**

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