

## PRODUCT CHANGE NOTICE

### PCN Form (D4-E000-73)

**PCN#16-043**

**NOTIFICATION DATE: July 18, 2016**

**MODEL(S) AFFECTED:**

**ROS-2490+**  
**ZX95-2490+**

**EXTENT OF CHANGE:**

1. Replacement of supplied transistor & varactors based on discontinuation of supply with alternate, qualified components.
2. Minor changes of additional internal components to support item 1 and approximate historical performance.

**EFFECT OF CHANGE:**

No change in FIT or FORM

Minor change in FUNCTION - performance and specifications differ from original as follows:

Parameters	Original Performance	Original spec	New Performance	New Spec
Power out	7.89 to 9.35 dBm	+8 dBm Typ	7.74 to 10.26 dBm	+9 dBm Typ
Pushing	0.52 to 1.51 MHz/V	1 MHz/V Typ	0.79 to 2.48 MHz/V	2 MHz/V Typ
Ph.Noise@1kHz	-79.5 to -75.9 dBc/Hz	-80 dBc/Hz Typ	-78.6 to -71.8 dBc/Hz	-76 dBc/Hz Typ
Ph.Noise@10kHz	-104 to -102 dBc/Hz	-104 dBc/Hz Typ	-103 to -100 dBc/Hz	-102 dBc/Hz Typ
Harmonics@F3	-34.3 to -28.4 dBc	-20 dBc Typ -11 dBc Max	-30.8 to -23.8 dBc	-18 dBc Typ -11 dBc Max

**REASON FOR CHANGE:**

1. Obsolescence of supplied components.

**EFFECTIVE DATE OF CHANGE:**

Immediate, pending stock depletion

**ATTACHMENTS:**

Data available to support the change

See datasheets at the link below for change in performance

[ROS-2490+](#) [ZX95-2490-S+](#)

**QUESTIONS?**

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