

## PRODUCT CHANGE NOTICE

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

**PCN/EOL#18-125**

**NOTIFICATION DATE: October 23, 2018**

**MODEL(S) AFFECTED:**

Existing Model:	Replacement Model:
ROS-3800-119+	<a href="#">ROS-3800-119R+</a>
ZX95-3800A-S+	<a href="#">ZX95-3800AR-S+</a>

**EXTENT OF CHANGE:**

1. Replacement of supplied transistors and varactor diodes based on discontinuation of supply with alternate, qualified transistors and varactors.
2. Changes of internal component values to support item 1.

**EFFECT OF CHANGE:**

No change in FIT or FORM.

Change in Function – performance and specifications vary from original performance as follows:

Parameters	ROS-3800-119+ & ZX95-3800A-S+		ROS-3800-119R+ & ZX95-3800AR-S+	
	Performance	Specification	Performance	Specification
Power output	4.07 to 6.5 dBm	+5 dBm Typ	4.96 to 7.01 dBm	+6 dBm Typ
Ph. N @ 1kHz	-66.7 to -61.4 dBc/Hz	-65 dBc/Hz Typ	-66.6 to -57.1 dBc/Hz	-61 dBc/Hz Typ
Ph. N @ 10kHz	-91.6 to -85.7 dBc/Hz	-89 dBc/Hz Typ	-91.5 to -84.7 dBc/Hz	-88 dBc/Hz Typ
3dB Modulation	9 MHz	70 MHz Typ	10 to 12 MHz	10 MHz Typ
3 <sup>rd</sup> Harmonics	-36.45 to -17.47 dBc	-22 dBc Typ -10 dBc Max	-54.83 to -23.75 dBc	-22 dBc Typ -10 dBc Max
Pushing	0.24 to 9.06 MHz/V	4.5 MHz/V Typ	0.01 to 10.82 MHz/V	6 MHz Typ
DC Current	44.5 to 45.7 mA	55 mA Max	44.6 to 47.3 mA	55 mA Max

**REASON FOR CHANGE:**

Obsolescence of supplied components

**EFFECTIVE DATE OF CHANGE:**

Immediate, pending stock depletion

**ATTACHMENTS:**

Data available to support the change

**QUESTIONS?**

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