

## PRODUCT CHANGE NOTICE

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

**PCN#15-065****NOTIFICATION DATE: October 7, 2015****MODEL(S) AFFECTED:****ROS-4540-119+, ZX95-4540-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
Sensitivity	57.3 to 85.1 MHz/V	53-83 MHz/V Typ	53.8 to 85.4 MHz/V	53-85 MHz/V Typ
Pushing	0.02 to 0.98 MHz/V	1.5 MHz/V Typ	2.63 to 4.93 MHz/V	4 MHz/V Typ
Ph. N @ 10kHz	-93.7 to -92.3 dBc/Hz	-92 dBc/Hz Typ	-97.5 to -91.5 dBc/Hz	-93dBc/Hz Typ
Ph. N @ 100kHz	-114.5 to -113.5 dBc/Hz	-113 dBc/Hz Typ	-120.1 to -114.9 dBc/Hz	-117dBc/Hz Typ
Ph. N @ 1MHz	-134.7 to -133.6 dBc/Hz	-133 dBc/Hz Typ	-140.8 to -135.2 dBc/Hz	-137dBc/Hz Typ
Pulling	0.3 to 1.7 MHz	5 MHz Typ	0.2 to 3.1 MHz	3.5 MHz 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

[ZX95-4540-S+](#) [ROS-4540-119+](#)**QUESTIONS?****[PLEASE CONTACT US.](#)**