

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

**PCN#16-009**

**NOTIFICATION DATE: February 22, 2016**

**MODEL(S) AFFECTED:**

ROS-2160W+

**EXTENT OF CHANGE:**

1. Replacement of supplied transistor and varactors based on discontinuation of supply with alternate, qualified components.
2. Total redesign on new PCB to approximate historical performance with new transistor and varactors.

**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
Sensitivity	31.8 to 78.6 MHz/V	30-80 MHz/V	39.2 to 93.9 MHz/V	40-94 MHz/V
Second Harmonic	-20.93 to -13.25 dBc	-11 dBc Typ	-31.05 to -12.15 dBc	-17 dBc Typ
P.Noise@1kHz	-77.12 to -73.47 dBc/Hz	-70 dBc/Hz	-71.07 to -66.36 dBc/Hz	-69 dBc/Hz Typ
P.Noise@10kHz	-102.4 to -100.2 dBc/Hz	-97 dBc/Hz	-99.1 to -95.4 dBc/Hz	-98 dBc/Hz Typ
P.Noise@1MHz	-142.2 to -141.3 dBc/Hz	-137 dBc/Hz	-142.6 to -136.2 dBc/Hz	-140 dBc/Hz Typ
Pulling @12dBr	1.5 to 4.8 MHz	10 MHz	0.2 to 6.9 MHz	10 MHz

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 link below for change in performance  
[ROS-2160W+](#)

**QUESTIONS?**

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

Rev. A (updated Mar. 9, 2016)

ISO 9001 CERTIFIED