

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

PCN#19-006

NOTIFICATION DATE: January 23, 2019

MODEL(S) AFFECTED:

Existing Model:	Replacement Model:
ROS-1330-1PH19+	ROS-13301PH19R+

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-1330-1PH19+		ROS-13301PH19R+	
	Performance	Specification	Performance	Specification
Power Output	3.84 to 4.14 dBm	+3 dBm Typ	3.37 to 3.98 dBm	+3.5 dBm Typ
Ph. N @ 1kHz	-81.8 to -77.5 dBc/Hz	-82 dBc/Hz Typ	-81.37 to -76.41 dBc/Hz	-80 dBc/Hz Typ
Sensitivity	37.2 to 42.7 MHz/V	39 - 43 MHz/V Typ	34.6 to 43.5 MHz/V	35 - 43 MHz/V Typ
2 nd Harmonics	-19.85 to -17.14 dBc	-18 dBc Typ -10 dBc Max	-22.22 to -18.05 dBc	-18 dBc Typ -10 dBc 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.](#)