

PRODUCT CHANGE NOTICE

PCN Form (D4-E000-73)

PCN18-120**NOTIFICATION DATE: October 15, 2018****MODEL(S) AFFECTED:**

Existing Model:	Replacement Model:
ROS-970+	ROS-970R+

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-970+		ROS-970R+	
	Original Performance	Original Spec	New Performance	New Spec
Power output	4.46 to 5.29 dBm	+5.5 dBm Typ	4.99 to 5.46 dBm	+5 dBm Typ
Sensitivity	41.8 to 43.7 MHz/V	46 MHz/V Typ	39.7 to 43.6 MHz/V	39 - 44 MHz/V Typ
Pushing	0.41 to 0.99 MHz/V	1 MHz/V Typ	0.15 to 2.54 MHz/V	1.5 MHz Typ
2 nd Harmonics	-30.42 to -26.29 dBc	-23 dBc Typ	-39.32 to -28.42 dBc	-26 dBc Typ
3 rd Harmonics	-30.73 to -24.76 dBc	-17 dBc Max	-34.75 to -26.31 dBc	-19 dBc Max
Capacitance	66.66 to 68.66 pF	50 pF Typ	60.6 to 64.54 pF	60 pF Typ

* Absolute Max. Supply Voltage changed from 7V to 5.5V.

REASON FOR CHANGE:

Obsolescence of supplied components.

EFFECTIVE DATE OF CHANGE:

Immediate

ATTACHMENTS:

Data available to support the change.

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