

PRODUCT CHANGE NOTICE

PCN Form (D4-E000-73)

PCN/EOL#18-151

NOTIFICATION DATE: December 3, 2018

MODEL(S) AFFECTED:

Existing Model:	Replacement Model:
ROS-4415-119+	<u>ROS-4415-119R+</u>

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-4415-119+		ROS-4415-119R+	
	Performance	Specification	Performance	Specification
Ph. N @ 1kHz	-70.6 to -68 dBc/Hz	-71 dBc/Hz Typ	-73.4 to -67.2 dBc/Hz	-69 dBc/Hz Typ
Ph. N @ 100kHz	-117.2 to -115.4 dBc/Hz	-116 dBc/Hz Typ	-121.2 to -118.8 dBc/Hz	-118 dBc/Hz Typ
Ph. N @ 1MHz	-137.4 to -135.5 dBc/Hz	-136 dBc/Hz Typ	-141.4 to -139 dBc/Hz	-138 dBc/Hz Typ
Sensitivity	41.1 to 45.8 MHz/V	36 to 45 MHz/V Typ	52.2 to 56.6 MHz/V	52 to 57 MHz/V Typ
2 nd Harmonics	-29.58 to -22.15 dBc	-27 dBc Typ -15 dBc Max	-29.22 to -25.1 dBc	-27 dBc Typ -15 dBc Max
3 rd Harmonics	-54.18 to -39.78 dBc		-27.44 to -24.8 dBc	
Pulling	1.24 to 2.34 MHz	2 MHz Typ	0.54 to 3.14 MHz	2.5 MHz Typ
Pushing	3.78 to 4.89 MHz/V	4.5 MHz/V Typ	1 to 2.46 MHz/V	4.5 MHz Typ
DC Current	31.4 to 31.9 mA	40 mA Max	36.6 to 37.6 mA	45 mA Max
Absolute Max. Supply Voltage	---	7V	---	6.5V

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.](#)

AS9100 ISO9001 ISO14001 Certified to QMS and EMS