

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

PCN#16-011

NOTIFICATION DATE: February 19, 2016

MODEL(S) AFFECTED:

POS-1025+

EXTENT OF CHANGE:

1. Replacement of supplied varactors based on discontinuation of supply with alternate, qualified components.
2. Minor changes of additional internal components to support item 1 and approximate historical performance.

EFFECT OF CHANGE:

No change in FIT or FORM

Minor change in Function - performance and specification differs from original as follows:

Parameters	Original Performance	Original spec	New Performance	New Spec
Sensitivity	18.8 to 37.7 MHz/V	28.5 MHz/V Typ	19.1 to 58.9 MHz/V	19-58 MHz/V
Second Harmonic	-37.3 to -23.1 dBc	-18 dBc Max	-26.4 to -21.1 dBc	-14 dBc Max
P.Noise@1kHz	-71 to -63 dBc/Hz	-65 dBc/Hz Typ	-73 to -66 dBc/Hz	-68 dBc/Hz Typ
P.Noise@10kHz	-95 to -88 dBc/Hz	-84 dBc/Hz Typ	-92 to -88 dBc/Hz	-90 dBc/Hz Typ
P.Noise@100kHz	-117 to -111 dBc/Hz	-104 dBc/Hz Typ	-114 to -110 dBc/Hz	-112 dBc/Hz Typ
P.Noise@1MHz	-140 to -134 dBc/Hz	-124 dBc/Hz Typ	-138 to -133 dBc/Hz	-136 dBc/Hz Typ
Power Output	7.5 to 9.2 dBm	9 dBm Typ	7.7 to 8.8 dBm	8.5 dBm 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 link below for change in performance
[POS-1025+](#)

QUESTIONS?

[PLEASE CONTACT US.](#)

ISO 9001 CERTIFIED