

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

PCN#15-070

NOTIFICATION DATE: November 5, 2015

MODEL(S) AFFECTED:

POS-2120W+

EXTENT OF CHANGE:

1. Replacement of supplied varactor diodes based on discontinuation of supply with alternate qualified components.
2. Slight changes of additional internal components to support item 1 and repeat historical performance.

EFFECT OF CHANGE:

No change in FIT or FORM

Slight change in Function - performance differs from original performance as follows:

Parameters	Original Performance	Original spec	New Performance	New Spec
Sensitivity	27.3 to 83.5 MHz/V	35÷120 MHz/V Typ	26 to 107.2 MHz/V	25÷108 MHz/V Typ
Ph. N @ 1kHz	-72.6 to -62.8 dBc/Hz	-70 dBc/Hz Typ	-66.8 to -60.2 dBc/Hz	-63 dBc/Hz Typ
Ph. N @ 10kHz	-99 to -91.6 dBc/Hz	-97 dBc/Hz Typ	-96.2 to -90.2 dBc/Hz	-93 dBc/Hz Typ
Pushing	0.01 to 1.52 MHz/V	2.5 MHz/V Typ	0.2 to 4.6 MHz/V	2 MHz/V Typ
Pulling	2.36 to 9.72 MHz	27 MHz Typ	0.52 to 12.21 MHz	20 MHz Typ
Second Harmonic	-28.79 to -8.51 dBc	-11 dBc Typ	-37.4 to -8.72 dBc	-15 dBc 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

QUESTIONS?

[PLEASE CONTACT US.](#)