

PRODUCT CHANGE NOTICE

PCN Form (D4-E000-73)

PCN#18-031**NOTIFICATION DATE: April 20, 2018****MODEL(S) AFFECTED:**

Existing Model:	Replacement Model:
ROS-2360W+	ROS-2360WR+

EXTENT OF CHANGE:

1. Replacement of supplied transistors and varactor diodes based on discontinuation of supply with alternate, qualified transistors.
2. Slight changes of internal component values to support item 1.

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	49.6 to 72.1 MHz/V	51-70 MHz/V Typ	41 to 73.9 MHz/V	41-74 MHz/V Typ
2 nd Harmonic	-33.14 to -15.95 dBc	-20 dBc Typ	-25.45 to -12.51 dBc	-19 dBc Typ
3 rd Harmonic	-35.33 to -18.02 dBc	-10 dBc Max	-39.84 to -26.09 dBc	

No change in internal or external layout.

REASON FOR CHANGE:

Obsolescence of supplied components.

EFFECTIVE DATE OF CHANGE:Immediate, pending stock depletion, last date code of old design **DC 1805**.**ATTACHMENTS:**

Plots of original spec and performance vs new performance attached below.

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

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Figure 1: Frequency vs. Vtune [MHz] at. 25°C

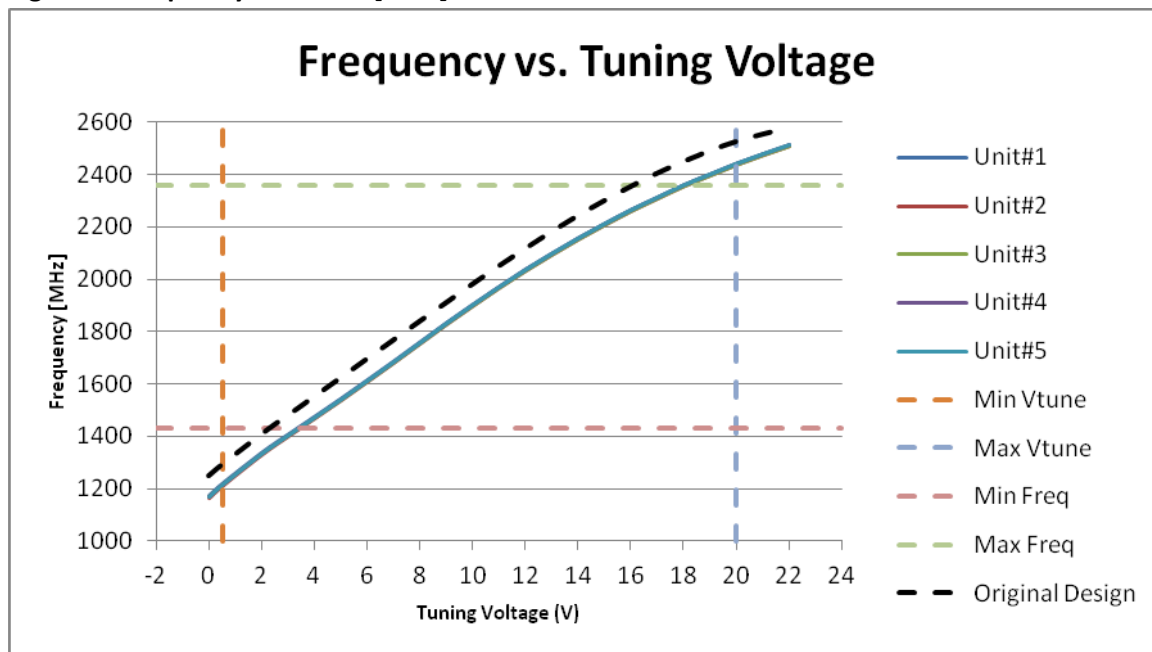
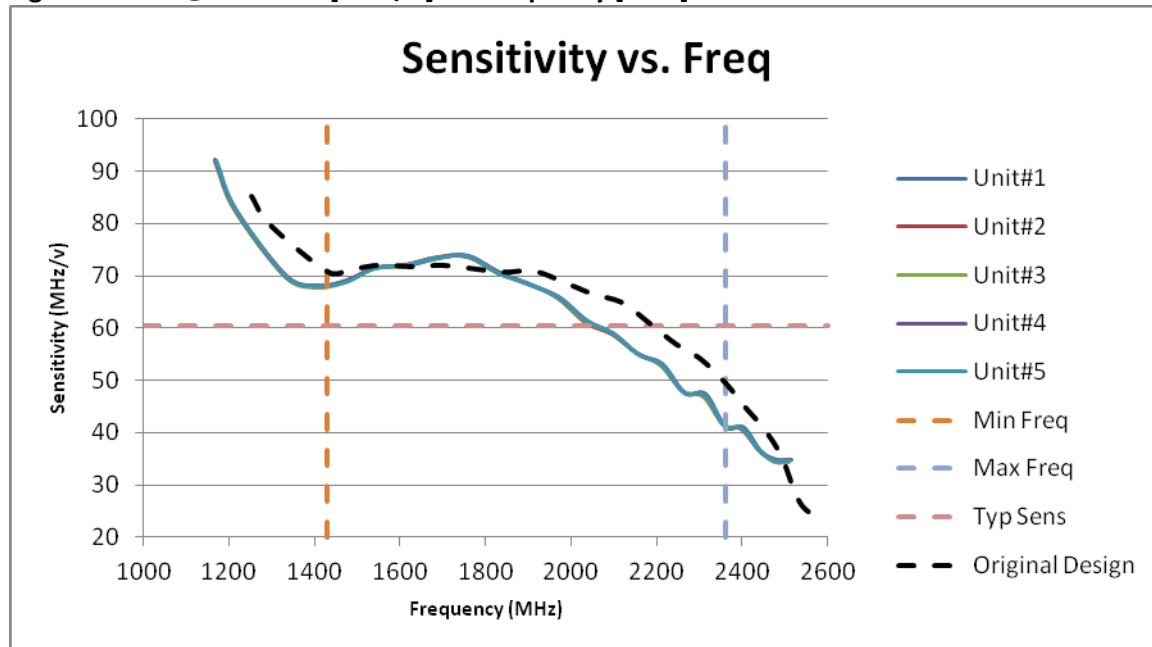


Figure 2: Sens @ Nom VCC[MHz/V] vs. Frequency [MHz] at. 25°C



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Figure 3: HARMONIC F2 [dBc] vs. Frequency [MHz] at 25°C

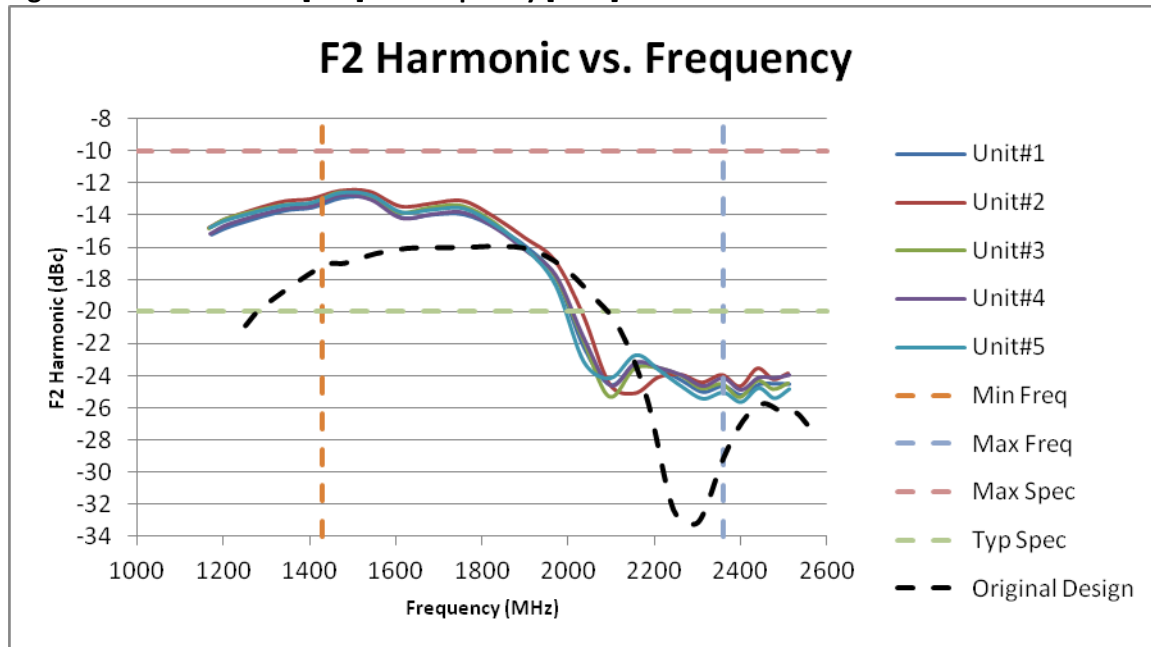


Figure 4: HARMONIC F3 [dBc] vs. Frequency [MHz] at 25°C

