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To Whom It May Concern:

Since recently questions regarding operation in restricted bands have received a great deal of scrutiny, this to specifically point out claims that the **N6SMRIR12** device does not violate restricted bands.

The measurements report specifically states (page 11) that “Scans were performed starting at 13 MHz to verify that neither the fundamental emission, nor any harmonic emission was in the 13.36 – 13.41 MHz restricted band.” This confirmed that the N6SMRIR12 device does not violate the 13.36 MHz to 13.41 MHz restricted band.

Regarding the handheld tag emissions, they are very small. The tag emissions are included in the measurements made in the restricted band the 13.36 – 13.41 MHz as referenced in the paragraph above because a tag is needed to fully exercise the **N6SMRIR12** device. For added assurance that the main lobes of the tag signals do not enter the restricted band, minimum pulse width (time between transitions) is provided below:

Calculation derived from data rate described in the referenced Tag-it specification (<http://www.ti.com/tiris/docs/manuals/pdfSpecs/RI-I03-110A.pdf>).

$$\frac{1 \text{ transition}}{\text{-----}} = 18.7266 \text{ microseconds pulse width minimum}$$

(26,700 bits/sec * 2 transitions/bit)

Sincerely,

Lester Ward (Manager of Reliability Engineering)