Compliance to 15.407(g)
HZB-US58-B60

Emissions of the Tsunami Multipoint base station will be maintained within the band under all conditions of normal operation under the worst case of frequency shift. As described in the theory of operations document, the frequency of the RF signal is completely determined by a single reference oscillator of 20.75MHz frequency. Two vendors have been approved to supply the reference oscillator, part #690-00427-02, and the frequency-stability characteristics of each vendor's part are shown in the following table. Data sheets are attached for reference.

Frequency-Stability Characteristics of Reference Oscillator (p/n 690-00427-02)

Characteristic	Vectron OSC-2B2@20.75
Type	OCXO
Initial Calibration	±0.1 ppm
Stability vs.Temperature (-33°C to +70°C)	±0.01
Stability vs. Supply Voltage	±0.001
Aging (10 years)	±0.5
Total:	±0.611 ppm

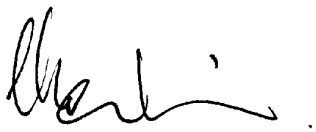
The worst-case stability is ±0.6 ppm, or ±3.5 kHz, over all operating conditions. This is sufficient to maintain the emissions within the allowable band; the supporting reasoning for this claim is as follows:

a) The lowest channel center frequency is 5740.40MHz, with a maximum 26dBc bandwidth of 26MHz. The margin from the lower band edge of 5.725GHz to the lower 26dBc point is 2.4MHz. This margin is greater than the maximum oscillator error of 3.5kHz.

b) The highest channel center frequency is 5809.57MHz, with a maximum 26dBc bandwidth of 26MHz. The margin from the upper band edge of 5.825GHz to the upper 26dBc point is 2.43MHz. This margin is also greater than the maximum oscillator error of 3.5kHz.

Therefore, it is determined that the frequency-determining components offer superior stability to ensure compliance with 15.407(g).

Caroline Yu



Homologation Product Manager

Proxim Corporation