January 15, 2014

Correspondence Reference Number: 45059
FCC I.D. : LDK102089P
Form 731 Confirmation: EA351549

Mr. Rodriguez,
In response to your email inquiry of 13Jan2014;

1) The PSD and correlated gain is computed according to 662911 D01 Multiple Transmitter Output v02; page 9

(i) If all antennas have the same gain, *GANT*, Directional gain = GANT + Array Gain, where Array Gain is as follows.

• For power spectral density (PSD) measurements on all devices, *Array Gain = 10 log(NANT/NSS) dB.*

In our case; 14 dbi (directional) + 10log(2) = 17dB

2) • For power measurements on IEEE 802.11 devices, 1,2
Array Gain = 0 dB (i.e., no array gain) for *NANT ≤ 4*;
Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any Nant.

Regards,

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