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Washington, D.C. 20005

January 4, 2013

Via Electronic Filing

Ms. Marlene H. Dortch, Secretary
Federal Communications Commission
445 Twelfth Street, S.W.
Washington, DC 20554

Notice of Written *Ex Parte* Communication

RE: RE: Amendment of Parts 1, 21, 73, 74 and 101 of the Commission's Rules to Facilitate the Provision of Fixed and Mobile Broadband Access, Educational and Other Advanced Services in the 2150-2162 and 2500-2690 MHz Bands: WT Docket No. 03-66, RM-11614

Dear Ms. Dortch:

In response to an FCC staff question seeking clarification regarding the proposed measurement methodology associated with Clearwire's modified out-of-band-emission (OOBE) proposal, I submitted the following explanation via email to John Schauble and Chris Helzer of the Wireless Telecommunications Bureau:

With 43+10 Log(P) attenuation, we have -13dBm OOBE to be met. For a 20 MHz channel, with 1% measurement BW, we'd allow only -13dBm in the first 200 KHz below 2496 (~-6dBm/MHz), and with 2% we'd allow only -13dBm in the first 400 KHz below 2496(~-9dBm/MHz). With the default 1 MHz we'd allow -13dBm in the first 1 MHz. So in terms of PSD of allowed OOBE, a measurement interval of 1 MHz is stricter than 2% of emission BW which in turn is stricter than 1% of emission BW.

Looking at the 3GPP specs below around NS_04, the value of -21dBm/30 KHz is ~-5.77dBm/MHz. The 1% measurement bandwidth for the 2495-2496 MHz (given the proposed 43+10Log(P) attenuation at 2496 edge) aligns with the 3GPP specs. Wherever we have the proposed 40+10log(P) applicable, it is the 2% measurement bandwidth that corresponds to -6dBm/MHz. Hence the 1% rule for 2495-96 and 2% everywhere else in the 1 MHz immediately outside and adjacent to freq. block under consideration.

Pursuant to Sections 1.1206(b)(2)(i) and 1.49(f) of the Commission's Rules, this notice of *ex parte* communication is being filed electronically. If you have any questions regarding this matter, please do not hesitate to contact the undersigned at 202-351-5033.

Sincerely,

By: /s/ Cathleen A. Massey

cc: John Schauble
Chris Helzer