



Nadja S. Sodos-Wallace  
Senior Regulatory Counsel, Assistant Secretary  
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(202)330-4011  
[www.clearwire.com](http://www.clearwire.com)

March 19, 2012

Akshaya Trivedi  
Huawei Wireless Product Management  
[Akshaya.trivedi@huawei.com](mailto:Akshaya.trivedi@huawei.com)  
Office: 214-919-6463  
Mobile: 408-768-9475

Re: SHORT TERM USE AGREEMENT,  
Consent to Use WiMax Frequencies 2578-2602MHz, within Call Signs WEF69 (B4), WNC990  
(C4) WLX843 (D4) and WHR831 (G4)

Dear Akshaya:

Clearwire Spectrum Holdings, LLC, Clearwire Spectrum Holdings II, LLC and Clearwire Spectrum Holdings III, LLC, wholly-owned subsidiaries of Clearwire Corporation ("Clearwire") are the lessees of EBS Stations WEF69, WNC990, WLX843 and WHR831. These stations have a geographic service area covering the Dallas, TX area.

Huawei Marketing ("Huawei"), has requested Clearwire's consent to use the following call signs and frequencies:

WEF69(B4): 2578 - 2584  
WNC990(C4): 2584 - 2590  
WLX843(D4): 2590 - 2596  
WHR831(G4): 2596 - 2602

in Dallas, TX (the "Spectrum") to demonstrate a cost effective backhaul solution for small cells (micro, pico) using wireless TDD-LTE technology March 19, 2012 through August 30, 2012.

By its signature below, Clearwire hereby consents to Huawei's use of the Spectrum on a temporary basis for small scale wireless backhaul testing. Huawei agrees to operate solely within the parameters detailed in Exhibit A. Huawei agrees to operate on the Spectrum at its sole cost and expense in accordance with the rules and regulations of the Federal Communications Commission, and to take all necessary steps to cause no interference to any operations and to protect and preserve the status of the licenses associated with the Spectrum.

Huawei will pay all reasonable out of pocket costs incurred by Clearwire to obtain consents from the EBS licensees (if applicable). Huawei further agrees to indemnify Clearwire against any damages caused by their temporary operation of the Spectrum, including, without limitation, the payment of any fines levied by the FCC or other regulatory authority for any improper use of the Spectrum, such as, but not limited to, interference with other channels.



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Without limiting the foregoing, Huawei agrees that in the event of interference, within four (4) hours of oral or written notice, it will immediately cease any use of the Spectrum, until any interference issues are resolved to Clearwire's satisfaction. Clearwire reserves the right to terminate or substitute the use of some or the entire Spectrum, with 30 days prior notice.

Huawei agrees to cooperate to share any and all information, including test plans, and knowledge gained as a result of the wireless backhaul testing on a confidential basis. To that end, during and upon completion of the wireless backhaul testing, and in exchange for Clearwire's consent as described above, Clearwire and its corporate affiliates shall have reasonable access to the testing data and conclusions in connection with the equipment and system performance as collected by Huawei. Clearwire reserves the right to reasonably reject any test plans.

If there are any further questions, please contact Paul McCarthy at 847-993-9631, or the undersigned at (202) 330-4011 or at [nadja.sodoswallace@clearwire.com](mailto:nadja.sodoswallace@clearwire.com) as soon as possible.

Sincerely,

A handwritten signature in black ink, appearing to read 'Nadja S. Sodos-Wallace', written over a horizontal line.

Nadja S. Sodos-Wallace  
Senior Regulatory Counsel, Assistant Secretary

Agreed to:

Name:

A handwritten signature in black ink, appearing to read 'Sr. V. P.', written over a horizontal line.

Title:

Sr. V. P.

Date:

3/19/2012



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Contact in the event of interference:

Name: Akshaya Trivedi  
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Office: 214-919-6463  
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# Exhibit A

<b>Describe deployment layout</b> (Configuration, # sites, planned equipment, vendor, DAS, 24/7, intermittent etc..)	Huawei NLOS Wireless Backhaul Solution. 1 or 2 Hubs (like low power outdoor BTS) talking to 2 or 3 Remote Access Points (like wireless CPE). Hubs will be installed on rooftop (6 floor building) at Huawei's 5700 Tennyson Plano TX office. Remote Access Points will be installed on building side or lamp post within 1 mile of our Tennyson office. This will be outdoor usage. Indoor might be used for an indoor lab set up.
<b>Describe Scope of use</b> (Purpose, Location, Within a Technology Initiative?)	Demonstrate a cost effective backhaul solution for small cells (micro, pico) using wireless TDD-LTE technology. Hub unit is intended to be installed on the rooftop of Huawei building at 5700 Tennyson Pkwy. An alternate location could be on the rooftop of Huawei R&D building off Legacy road. (See Address below). This is for an outdoor scenario and would NOT extend beyond a 1 mile radius from the 5700 Tennyson Pkwy building.
<b>Outdoor or Indoor Only or Both</b>	Both
<b>If indoor, highest floor or height of installation</b>	6 floor building. Installation to be done on the 4th floor.
<b>Will TDD Symmetry match CW (Yes or No)</b>	No
<b>Start date of use</b>	3/19/2012
<b>End date of use</b>	8/30/2012
<b>Radiation Centerline (feet)</b> (Insert additional rows for multiple Antennae)	Not Applicable
<b>EIRP per Carrier</b>	2 x 5W per carrier. Each carrier 10/20MHz
<b>Sector Azimuths</b>	Sector antenna (120 degrees), 2Tx/2Rx
<b>Antenna Make/Model</b>	Built in Antenna for the Huawei NLOS wireless backhaul product
<b>Antenna Beamwidth</b>	Horizontal polarization 65 degrees
<b>Antenna Location (Address and Lat/Long)</b> (Insert additional rows for multiple locations)	Address 1 (Main): 5700 Tennyson Plano, Tx 75024 Rooftop Lat/Long: 33 4'17"N 96 49'11"W Address 2: 5340 Legacy Drive, STE 175, Plano, TX 75024 Lat/Long: 33.072194 N / 96.809978 W
<b>Is location within AOI?</b>	No
<b>Is planned equipment type accepted?</b>	No--it is a prototype.