



**MOTOROLA SOLUTIONS**

**SUBMITTED ELECTRONICALLY**

**08/11/2017**

Federal Communications Commission  
Experimental Licensing Branch  
445 12th Street, S.W.  
Washington, DC 20554

**Re: Experimental Radio License WB2XCJ  
Notification of Commencement of Experimental Operations  
Location(s): Denver, CO; Frequency(ies): 31.150 GHz**

To the Commission:

In accordance with the authority granted by the above-referenced experimental license, WB2XCJ, File No. 0420-EX-RR-2015, issued to Motorola Solutions, Inc ("MSI"), this is to notify the Commission of MSI's intent to conduct a test under the parameters of its license. Pursuant to Special Condition 11 of the license, this notification is being electronically submitted and provides pertinent technical information for the intended test as follows:

|                                        |                                                                                                                                                                                 |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose of Test:                       | Demonstrate experimental side-haul link for control, coordination of resources, and information transfer between multiple deployable BC14 LTE systems.<br>Point-to-point system |
| Area/Address of Test:                  | Indoors; within 250 meters of:<br>N39 44' 32.5" W104 59' 47.1"                                                                                                                  |
| Test Start Date:                       | 8/12/2017                                                                                                                                                                       |
| Test Completion Date:                  | 8/16/2017                                                                                                                                                                       |
| Number of Base Transmitters:           | 1                                                                                                                                                                               |
| Center Frequency of Base Operations:   | 31.150 GHz                                                                                                                                                                      |
| Center Frequency of Mobile Operations: | 31.150 GHz                                                                                                                                                                      |
| Emission Designator:                   | 25M0D1D                                                                                                                                                                         |
| Power of Base Transmitter:             | 27 dBm (500mW)                                                                                                                                                                  |
| Power of Mobile Transmitters:          | 27 dBm (500mW)                                                                                                                                                                  |
| Maximum Number of Mobile Transmitters: | 1                                                                                                                                                                               |

MSI has coordinated this test with co-channel licensees operating within the potential reception range. In addition, MSI will have on-site personnel who can disable the base station equipment immediately in the unlikely event that doing so becomes necessary. MSI will use other channels under the same conditions specified in this letter if needed.

Should you have any questions regarding this notification or need further information, please contact me at (202) 371-6904/[chuck.powers@motorolasolutions.com](mailto:chuck.powers@motorolasolutions.com) or MSI's FCC counsel, Kurt DeSoto of Wiley Rein LLP, at (202) 719-7235/[kdesoto@wileyrein.com](mailto:kdesoto@wileyrein.com).

Respectfully submitted,

/s/

Chuck Powers  
Director, Engineering and Technology Policy

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