

From: Abhinav Parate

To: Doug Young
Date: March 27, 2015

Subject: Request for Info - File #0150-EX-PL-2015

Message:

This is in reference to correspondence on 03/26/2015. We were asked to include the emission and the bandwidth information for each frequency we submitted in the application. We have made the required amendments in the online application. For your kind reference, the emission and the bandwidth information are given below:

For each of the 4 frequency bands submitted in our application, the emission characteristics are the same, and are as described below:

1. Necessary bandwidth: 10 MHz. This is computed based on 15KHz sub-carriers LTE uses to carry digital information. The necessary bandwidth includes 1MHz guardband.
2. Type of modulation: W. LTE uses QAM modulation that is both an amplitude and phase modulation scheme.
3. Nature of signal modulating the main carrier: 7. LTE uses several 15KHz subcarriers to carry digital information.
4. Type of information: D. LTE provides a data bearer.
5. Emission Designator: 10M0W7D

Thanks.

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