



August 4, 2016

FCC
Washington, DC

I am president of W & B Broadcasting Inc., licensee of WAKY FM 103.5 Radcliff, WAKY 620 AM and W261CO Louisville, Kentucky. I am writing this letter regarding LED lighting interference to over-the-air AM and FM radio listening.

In 2016, I purchased BR30 bulbs from Costco that were made by **FEIT** in China and installed them in my home office. The FEIT bulbs created so much interference that I was not able to listen to AM or FM on my Bose Wave Radio. Still wanting to install LED's in my home, I ordered 24 BR30 LED bulbs made by **Euri** Lighting from 1000 Bulbs. I was astonished that these bulbs also created so much interference to my Bose radio that I was unable to listen.

I called Ed Henson, a fellow broadcaster and station owner to tell him of my experience. I told Ed that the interference from LED bulbs may be a major problem for home-office listening as consumers will not listen to over-the-air radio with this interference. Additionally, they most likely will not ascertain that the interference is actually being created by their LED bulbs. They will only know that for some reason, they can no longer listen to their radios in their home or office. I recently had a friend state that since he had installed new bulbs in his home that he can no longer listen to WAKY in his home. He asked me if something was wrong with my radio station.

Still wanting LED's, I installed 24 **Phillips** BR30 LED bulbs in my kitchen and living room. No interference. I installed 4 **Cree** BR30 LED bulbs in my home office. No interference. At least Phillips and Cree do not interfere. The problem is that most consumers will install the cheaper LED's made in China that do not provide the AM FM interference protection.

The Snapshot below was in the July 13th, 2016 issue of USA Today. According to Shelton Group's Energy Pulse, 50% of Americans have switched to either CFL or LED light bulbs. The switch to LED's will increase significantly as the price of LED's continues to reduce in cost, enabling most all consumers to afford the LED's.



It is my opinion that interference caused by LED's is now the single greatest threat to over-the-air radio listening in homes and offices.

Sincerely,

Bill Walters