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**BY ELECTRONIC FILING**

Ms. Magalie R. Salas  
Federal Communications Commission  
445 12<sup>th</sup> Street, S.W.  
Washington, D.C. 20554

**Re: Oral Ex Parte Presentation  
ET Docket No. 98-153**

Dear Ms. Salas:

On behalf of my client QUALCOMM Incorporated ("QUALCOMM"), this is to report that on January 29, 2002, I had a telephone conversation with Paul Margie, Legal Advisor to Commissioner Copps, concerning the above-referenced proceeding. I told Mr. Margie that QUALCOMM's tests of the harmful interference from a UWB device suffered by a wireless phone containing QUALCOMM's E911 technology (known as gpsOne) showed that the gpsOne receiver experienced harmful degradation (of 1 dB or more) when the UWB device was within 75 meters of the phone, with the UWB device operating at the Part 15 level. I also told him that even if the UWB device had been operating at 12 dB below the Part 15 level, the gpsOne receiver would have experienced harmful degradation if the UWB device had been within 15 meters of the phone (in fact, the degradation would have reached 1 dB when the UWB device was within 18.75 meters of the phone).

I also stated that QUALCOMM's testing was conducted in a very benign indoor environment and with a relatively strong GPS signal, to isolate the impact of UWB emissions. If the testing had used a weaker GPS signal, which is more realistic, the harmful interference to the gpsOne receiver would have been much worse, *i.e.*, the gpsOne receiver would have suffered harmful degradation when it was at even greater distances away from the UWB device than 75 meters.

In addition, I explained that QUALCOMM has performed numerous other tests to characterize the performance of gpsOne technology indoors and in other challenging environments in which Part 15 devices, such as personal computers, were present. However, QUALCOMM never experienced results approaching those reached in the recent tests of the

performance of gpsOne in the face of UWB emissions. Thus, there is no basis whatsoever to suggest that the gpsOne receiver would have suffered similar degradation if the test had used a laptop computer, hair dryer, or other Part 15 device rather than a UWB device.

Sincerely yours,

Dean R. Brenner  
Attorney for QUALCOMM Incorporated

cc: Paul Margie, Esq.