



**Form 442 Question 7
Experimentation Description**

Vanguard Technologies, Inc. (VTI) has been contracted with St. Bernard Parish Government to provide a communications infrastructure for voice and data purposes. These services include the primary operations of the Parish Government, Office of Emergency Preparedness, Department of Homeland Security and St. Bernard Recovery Operation Center. The entire communication infrastructure for the Parish was destroyed as a result of Hurricane Katrina. VTI has delivered these services via IP utilizing unlicensed frequencies in the 5.3 and 5.8 GHz band. Due to the saturation of this unlicensed frequency in and around the affected areas, it is essential that we provide this connectivity on a frequency currently in limited use in the affected area.

Vanguard is requesting temporary use of the 3.4-3.8 RF band for the purpose of testing to verify interference is the caused of network instability. The secondary purpose is to eliminate interference and stabilize connectivity to St. Bernard Parish during the recovery operation period. This will allow St. Bernard Parish to maintain communications necessary to support ongoing operations in St. Bernard Parish.

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