

### **Exhibit 1: Experimental Description**

Microsoft Corporation (“Microsoft”) requests a modification to the above-referenced experimental license to authorize Microsoft to test an experimental device manufactured by WiFrost Inc. in Redmond, Washington; Farmington, Washington; and Wahiawa, Hawaii.<sup>1</sup>

The experimental equipment will comply with all TVWS technical rules. However, an experimental license is necessary to test these devices in advance of final equipment certification. Channels of operation will be assigned manually and selected via coordination with the Society of Broadcast Engineers, as with the narrowband devices already authorized under this license.

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<sup>1</sup> The current modification application lists the orientation of the fixed devices’ antennas in the horizontal plane as 120.00 degrees. However, the fixed devices’ antennas may be repointed in azimuth throughout the course of the experiment.