Supplemental Information Submitted on September 23, 2015
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Headsight is submitting a preliminary technical data sheet for the impulse radar transceiver system of the Headsight GPR Device to facilitate the FCC's review of this application. Pursuant to applicable FCC Rules, Headsight is requesting that this information be treated as confidential and has submitted such a request as a separate attachment.

Based on further internal discussions and assessments, Headsight wants to highlight some of the proposed uses of the Device as they relate to scientific research and construction. For example, although GPR Devices will be used to facilitate the harvesting of crops (as described in the original narrative accompanying this application), the GPR Devices will also be used to derive below-ground data on such things as soil compaction, moisture content and other sub-surface conditions that are important to safe and efficient agricultural operations. Soil compaction is known to reduce crop yields by as much as 60% if left untreated, and is currently measurable only through labor intensive drilling and inspection. With GPR, however, compacted soil can be identified efficiently and non-intrusively with accurate mapping provided for the economic re-construction of compacted fields. GPR data will also be analyzed for the purpose of detecting or identifying other types of soil conditions (e.g., moisture, soil structure, foreign structures, etc.) that are important to agricultural operations. This will require a certain amount of experimentation and user feedback from actual Device operations to refine and optimize the GPR software needed to produce reliable soil data.