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National Technical Systems – Silicon Valley TCB

May 9, 2016

RE: FCC ID: SK6-XR520H

Attention: Gregory Czumak

Please find our responses to your comments on this application below:

1. Regarding the response to comment 2, that the listed peak antenna gain includes cable loss, please note that there does not appear to be any information in the public files found on the FCC website for the EUT's original application or its previous c2pc application related to a minimum length of cable or minimum amount of cable loss required to be used with any antenna authorized for use with the EUT. The original User's Manual appears to limit the peak gain in the 5 GHz bands to 6 dBi, while the MPE report from the previous c2pc application uses a value of 5 dBi in its MPE calculations. Please clarify how the use of a minimum length of cable, providing a minimum of 6.2 dB of cable loss at 5 GHz, is ensured.

RESPONSE: It appears that there was a lack of consistency between the original filing and the 2015 C2PC. Xirrus provides the cable between the XR520H and the antennas. They have updated the manual to make that clear. We've generated an MPE exhibit to show compliance using 8.8dBi for the DFS bands to be consistent with the original RF reports.

2. The FCC's Permissive Change Policy KDB178919(D01)VII(H)1) states that, for permissive changes for U-NII devices subject to DFS and radar detection requirements, the filing must include the appropriate user's manual and attestations (in this case, for example, removing the old location restrictions with respect to TDWR installations, etc.). The user's manual has not been submitted with this c2pc application – please address.

RESPONSE: A revised manual has been uploaded.



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Regards,

Mark Hill
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Uploaded Exhibits:
MPE Exhibit
Users manual