BRAN28d089

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Dear Roger,

Thank you for the information regarding the granting of the ETSI royalty-free use of up to 10% of the 802.16 standard, hoping that this will not be considered a major constraint. We would appreciate it, if an official Copyright Grant Letter (including both IEEE Standard 802.16 and the 802.16a amendment), for use in an ETSI publication, could be provided.

In the BRAN#28 meeting, the HIPERMAN area has made the following progress:

- A decision has been made to update the base-line for both PHY and DLC drafts to the relevant parts from the P80216a/D3 document (captured in P80216a/D3c).
- A working assumption has been established to add optional OFDMA/sub-channelization enhancements to the OFDM PHY as described in BRAN28d063.
  - For the next meeting, contributions will be called in the following aspects:
    - B.T.C. coding
    - Applicable UIUC
    - Training sequences
    - Contention slot definition and usage
    - Carrier allocation scheme
    - Number and allocation of pilots
    - Naming
  - The working assumptions are contained in the documents:
    - BRAN28d062 — fundamental parameter table
    - BRAN28d063 — text changes for draft standard
- The group is considering zero-tail as the trellis termination method of choice for convolutional coding, due to decrease in implementation complexity, at a cost of 6 bits overhead and minimal performance differences.

- A decision has been made to modify the MAC and PHY base-lines as reflected by the document BRAN28d087. We request IEEE 802.16a to consider incorporate the modifications made by HIPERMAN.
- Work was continued on the evaluation of FWA systems in license-exempt bands (5.725-5.875MHz). The output document is BRAN28d092.
- HIPERMAN would like to re-iterate that it rejects the OFDMA2 mode, regardless of the change of FFT size to 2k.

We give permission to Marianna Goldhammer, our Liaison Officer to IEEE 802.16, to provide and present to you HIPERMAN documents that might be relevant for your work; we kindly ask you to keep them in your ETSI, password protected, server area.

With best regards,

Jamshid Khun-Jush