

Additional comments:

Question 1: Do you agree with our approach to defining the various categories of WSDs?:

We agree that distinguishing Mobile WSDs and Fixed WSDs is the right approach. We also support classifying devices based on their emission class and radio technology.

Question 2: Do you agree with our proposed sequence of operations for WSDs?:

We agree with the sequence of operations proposed for WSDs. We also think that it does not add a significant communication overhead.

Question 3: Do you agree with our proposed additional operational requirements for master WSDs?:

While we agree that the proposed additional operational requirements for master WSDs are quite appropriate, we have some concerns on the geographic validity.

The geographic validity of operational parameters of up to 50 meters in any horizontal direction being generic to all types of WSDs is not optimal. Fixed WSDs need not require such a requirement and in scenarios such as in-home broadband this would result in a less than optimal usage of the spectrum. While the motivation for this is that DTT networks are typically planned based on a grid of 100 by 100 meter pixels, the heterogeneous channel availability for WSDs could also be due to other WSDs operating in the area. And since varying power levels were adopted in order to efficiently use the available spectrum, keeping in line with that, the geographic validity could also be adaptive depending on the operational parameters such as the type of device and the radio technology.

Also, while mobile WSDs are supported it may not be possible to support mobile WSDs traveling at vehicular speeds with the proposed 50 meters validity.

Question 4: Do you agree with our proposed additional operational requirements for slave WSDs?:

While we agree with the additional operational requirements proposed for slave WSDs, we have some concerns regarding the time requirements of the "kill switch".

Requiring the slave WSDs to cease transmission within one second when instructed to do so by the serving master WSD, could lead to energy efficiency issues. It could prevent power conserved slave WSDs (such as in the case of M2M communication) from sleeping for long periods of time to save energy. Also, requiring the slave devices to cease transmission if it loses communications with the master WSD for more than five seconds could result in similar issues for the master WSDs.

Question 5: Do you agree with the proposed device parameters, operational parameters and channel usage parameters? :

We agree with the proposed device parameters, operational parameters and channel usage parameters.

Question 6: Do you agree with our approach of implementing the requirements in the example SI and the draft IR and VNS?:

We support the approach of translating the requirements into the example SI, the draft IR and VNS.