12.4.5 Average e.i.r.p. per frequency

It presents the average e.i.r.p. per event (dBm vs MHz) for all the active WSDs transmitting at a certain frequency such that:

$$AvgEIRP_{f_j} = 10 \times \log_{10}\left[\frac{1}{N_{activeWSD} \times N_{events}} \sum_{i=1}^{N_{activeWSD} \times N_{events}} 10^{\frac{EIRP_i}{10}}\right]_{f_j} \quad \text{(Eq. 68)}$$

Let us assume a different example from above, where 4 channels have been identified for the WSD to operate. Figure 257 shows that on average 33 dBm, for one event, was transmitted by the active WSDs at 1000.5 MHz , 8.82 dBm at 1001.5 MHz etc...

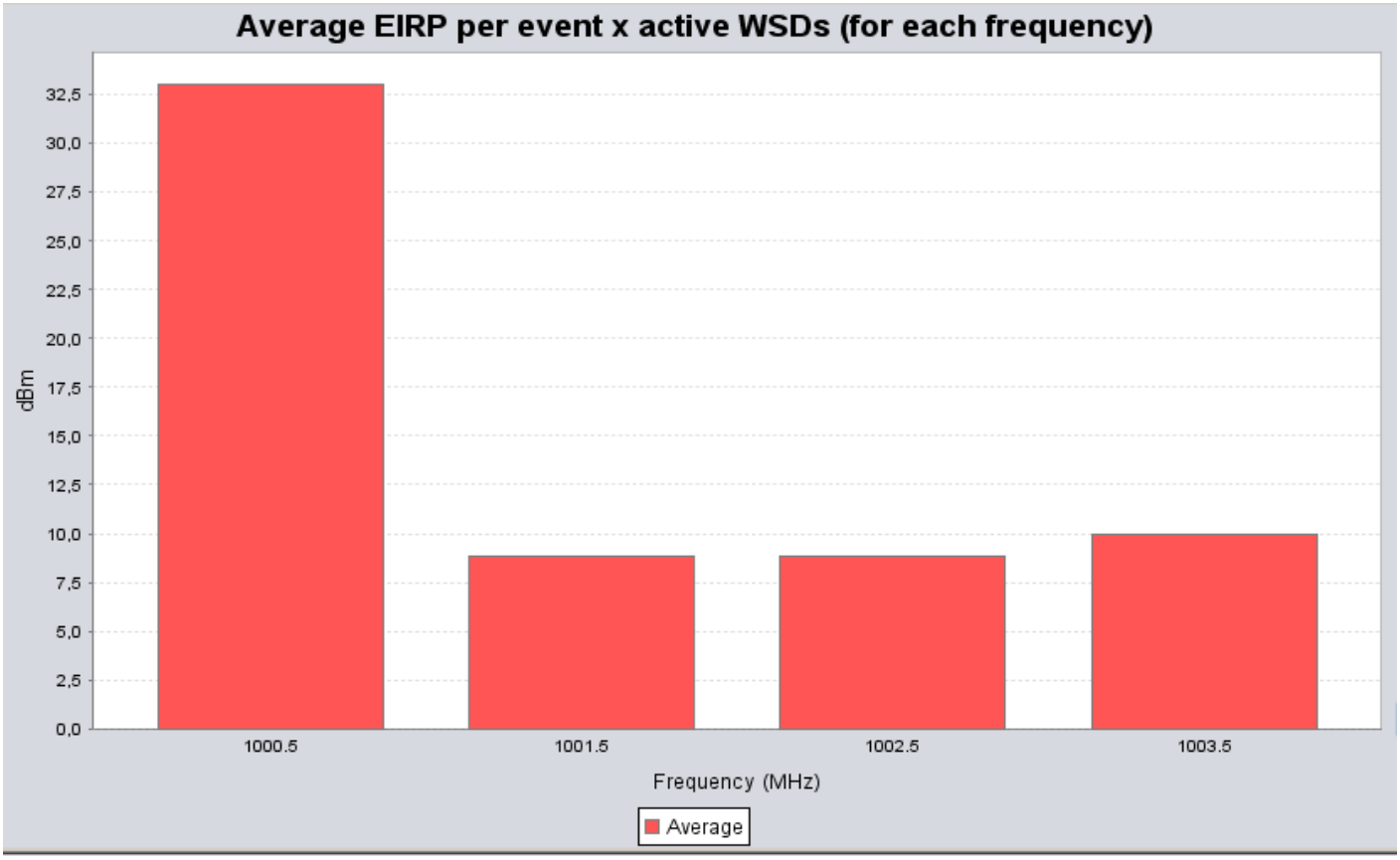

Figure 257: Average e.i.r.p. per frequency

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