

12.4.6 Average active WSDs per frequency vector

It provides the average number of active WSD per event for a specific frequency:

$$N_{activeWSD_{f_j}} = \left[\frac{1}{N_{events}} \sum_{i=1}^{N_{events}} activeWSD_i \right]_{f_j} \quad (\text{Eq. 69})$$

Re-using the example of Figure 257, Figure 258 indicates that, with for instance 5 WSDs set as input parameters, an average of 0.63 WSDs were active at 1000.5 MHz (with 33 dBm e.i.r.p. Figure 257), 1.29 WSDs were active at 1001.5 MHz (with 8.82 dBm e.i.r.p. Figure 257), 1.57 active WSDs at 1002.5 MHz and 1.51 active WSDs at 1003.5 MHz. It can also be noted that in this particular example, the sum of the active WSDs across the selected frequencies is 5, meaning that all the simulated WSDs have been active and none have been turn off.

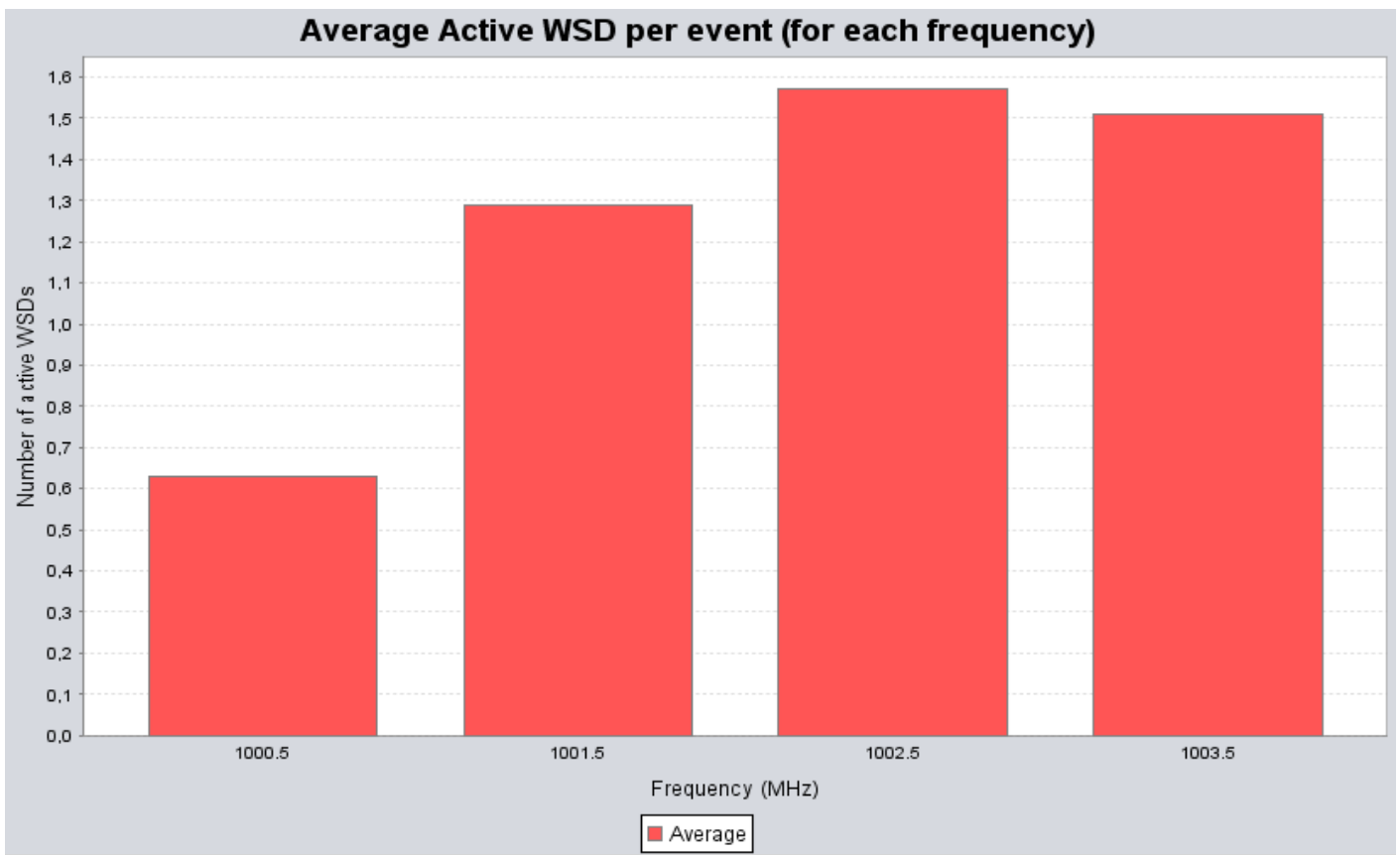


Figure 258: Average active WSDs per frequency

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