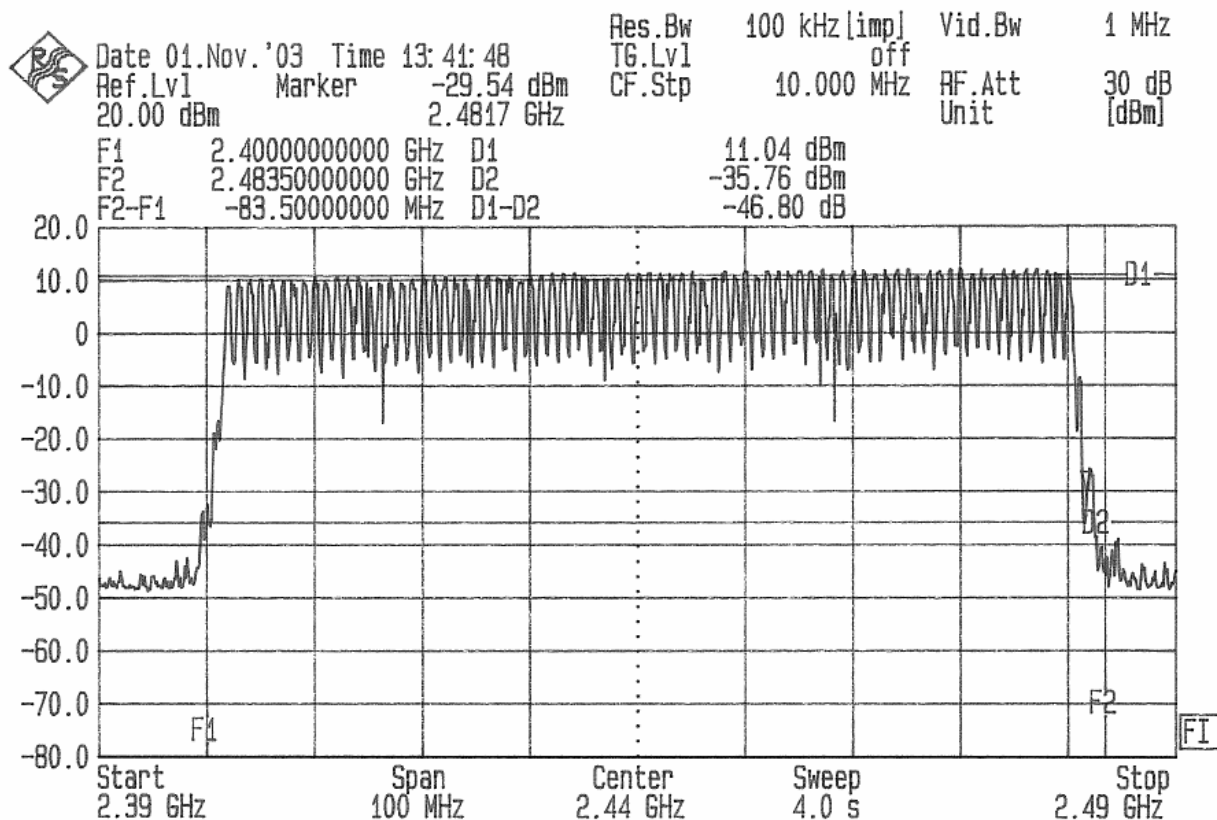


6.5.2 Number of Hopping Channels

Result: The 20dB bandwidth of the device is less than 250 kHz. The device employs more than 50 hopping channels as required. Results are shown in figure 6.5.2-1 below.



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Figure 6.5.2-1: Number of Hopping Channels

6.5.3 Channel Dwell Time

Result: The duration of the RF transmission is 10.00 ms followed by a 10 second rest period in which the device hops to another channel according to the pseudorandom frequency table before transmitting another 10.00ms burst. Therefore the average time of occupancy on any channel in a 20 second period is 10.00ms. See theory of operation in appendix I of this report for further details. A single transmission is shown in figure 6.5.3-1.

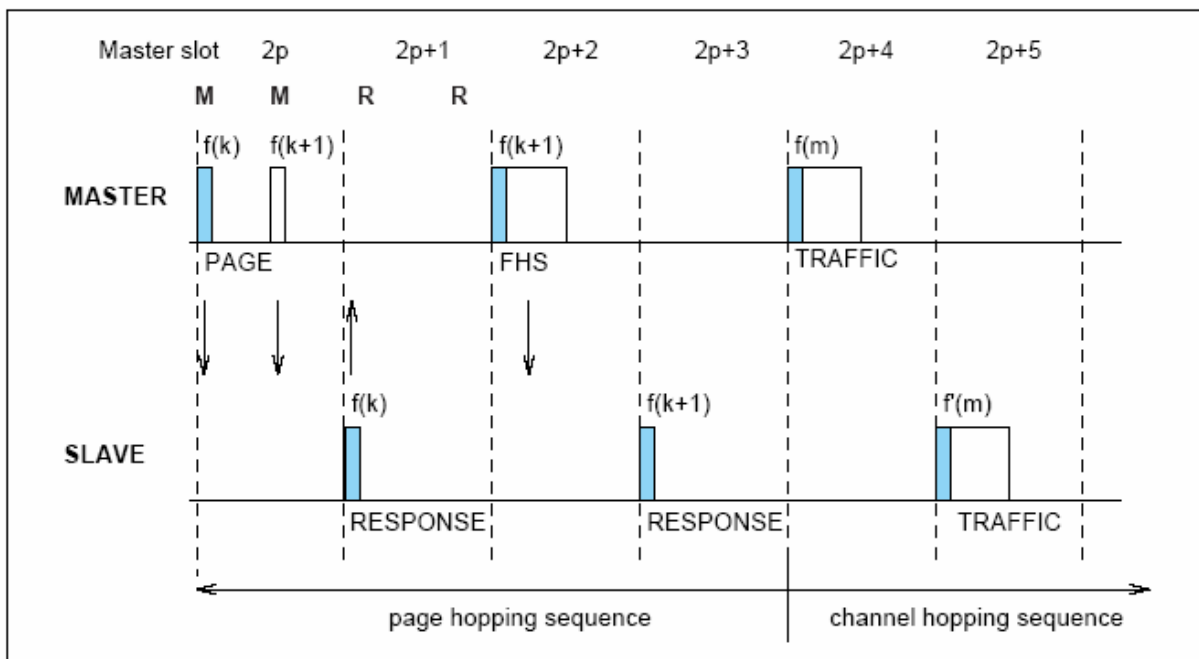


Figure 2.2: Messaging when marker code is received in first half slot of even master slot

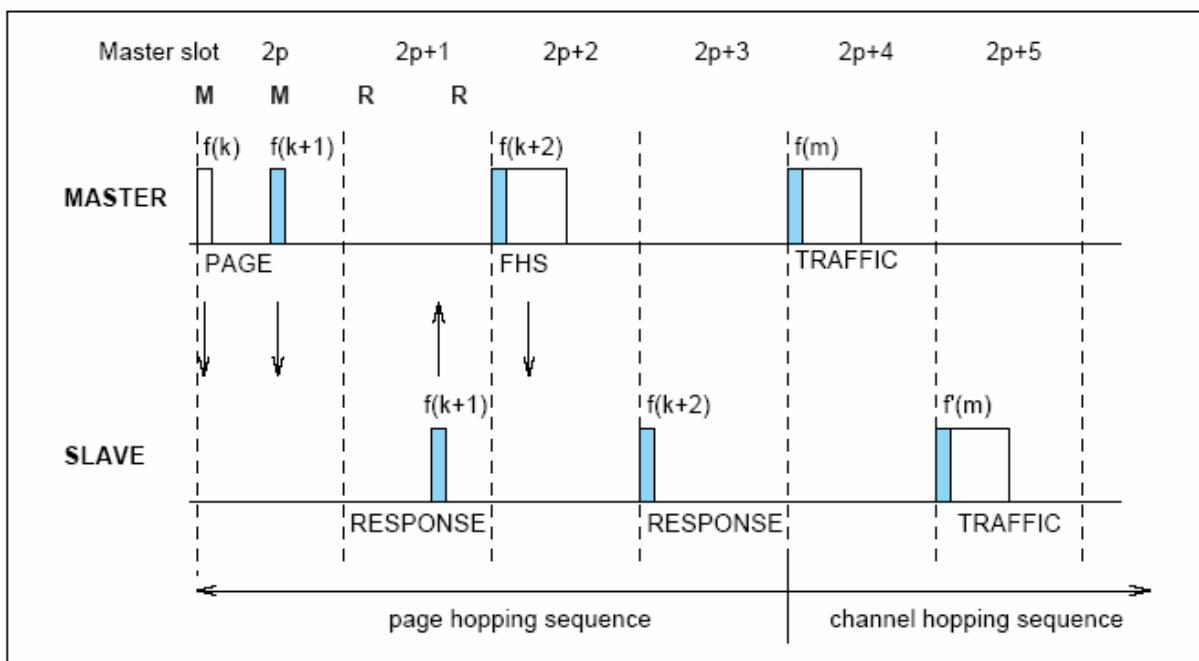


Figure 2.3: Messaging when marker code is received in second half slot of even master slot

Figure 6.5.3-1: Channel Dwell Time