



Huawei Device Co., Ltd.

To Whom It May Concern:

We, Huawei Device Co., Ltd., states that our product(EVE-LX3) will operate on its BT network, i.e., the highest duty cycle is 76.72% for the lifetime of this device.(The detailed calculation process see Appendix A)

If you have any questions, please feel free to contact us as below.

Best Regards

A handwritten signature in black ink, appearing to be "Wang Zhimin".

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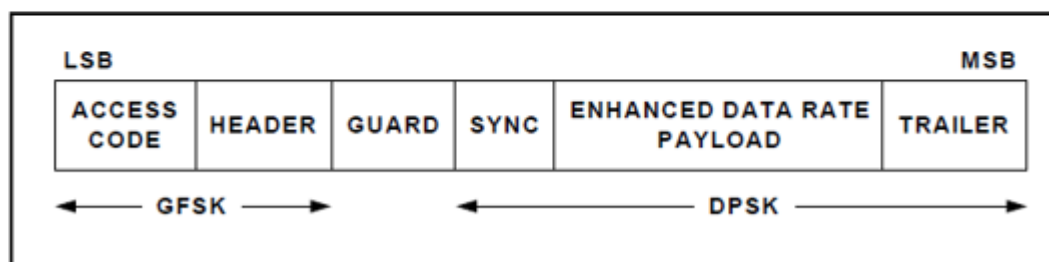
Appendix A

1. For details, please refer to section 2.2.5.2 in Core_v5.3, TX/RX cycle is 3750us.

If the length of search window, X, exceeds 1250 μ s, consecutive windows shall avoid overlapping search windows. Consecutive windows should instead be centered at $f(k)$, $f(k+4)$,... $f(k+4i)$ (where 'i' is an integer), which gives a maximum value $X=2500 \mu$ s, or even at $f(k)$, $f(k+6)$,... $f(k+6i)$ which gives a maximum value $X=3750 \mu$ s. The RX hop frequencies used shall correspond to the Central-to-Peripheral transmission slots.

For details, please refer to 6.1.2 in Core_v5.3, Access code 72us, header 54us, Guard 5us, sync 11 us.

The general format of Enhanced Data Rate packets is shown in Figure 6.2. The access code and packet header are identical in format and modulation to Basic Rate packets. Enhanced Data Rate packets have a guard time and synchronization sequence following the packet header. Following the payload are two trailer symbols. The guard time, synchronization sequence and trailer are defined in Section 6.6.



For details, please refer to section 6.5.4.13 in Core_v5.3, The 3-DH5 packet has between 2 and 1023 information bytes(including the 2-byte payload header) plus a 16-bit CRC code.

This packet is similar to the DH5 packet except that the payload is modulated using 8DPSK. The 3-DH5 packet has between 2 and 1023 information bytes (including the 2-byte payload header) plus a 16-bit CRC code. A 32-bit MIC is present only when encryption with AES-CCM is enabled. The 3-DH5 packet may occupy up to five time slots.

2. Duty cycle of BT is calculated as below:

TX/RX cycle: 3750us

Access code 72us header 54us Guard 5us sync 11 us

Payload

3DH5: $(1023*8+16) / 3=2733$ us

Trailer 2us

Total: 3DH5 =2877us 2DH5 =2876us

$2877/3750= 0.7672 =76.72\%$