RF Data Encode format:

Logic 1 – duty on 5.859 ms and then duty off 1.953 ms    | ‾ ‾ ‾ | _

Logic 0 – duty on 1.953 ms and then duty off 5.859 ms    | | _ _ _

Details of Data Frame Format:

       11bits-sync bits:                     00000000000b

       1bit-start bit:

       3bits-Channel ID:

       11bits-temperature(Hex):

       7bits-humidity(Hex)
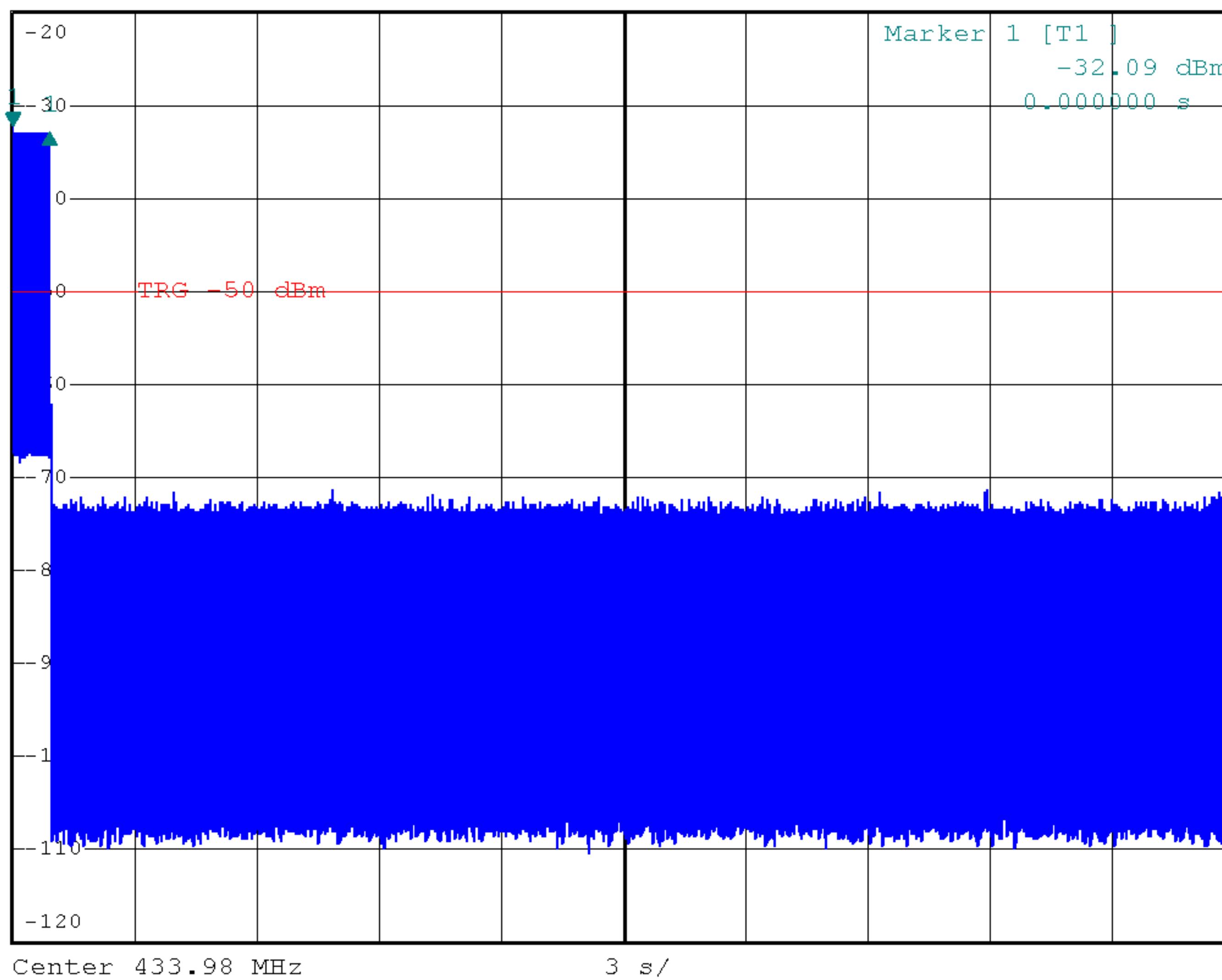
       3bits- miscellanies (low battery):

       4bits-CRC check code

Total number of bit is 40

Timing of one frame is 312.48ms

In one transmission there will be three frames, the idle time between each frame is 28.8ms, so one transmission is about 1 seconds

FCC ID: PEQAJ26090807

RBW 1 MHz    Delta 1 [T1 ]
* VBW 3 MHz                    -0.92 dB
Ref -20 dBm        Att 10 dB    SWT 30 s        900.000000 ms

-20                          Marker 1 [T1 ]
                                -32.09 dBm
-30                           0.000000 s

1 AP
VIEW

0

TRG -50 dBm

-50

-70

-8

-9

-1

-110

-120

Center 433.98 MHz                    3 s/

A

TRG

FCC ID: PEQAJ26090807

Date: 5.JAN.2007  15:16:21