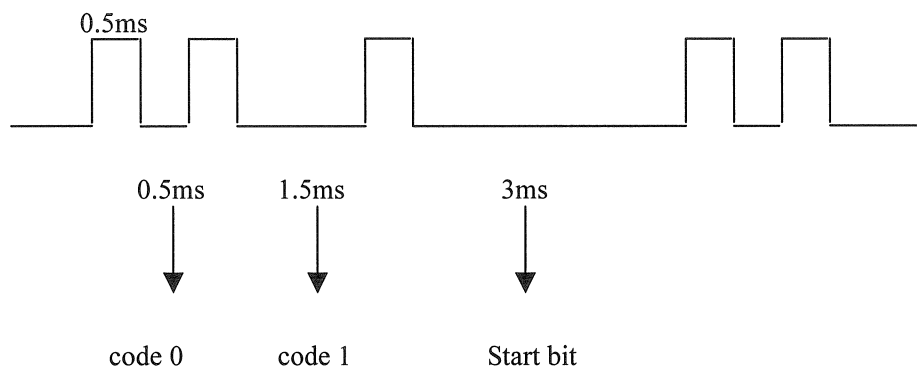


Transmission format



Each transmission contained 14 data packets. Maximum duration per each transmission is around **0.57** second. Any two successive data packets received will be considered as a correct data.

Data Packet

Each data packet consisted of one 3ms start bit and 25 Bits data

The transmit time interval was determined by Bit 2 and Bit 3

Bit2	Bit3	
0	0	transmit interval 71sec.

Bit 0 ~ Bit 6 : Random ID, power on reset create 128 bits stochastic ID

Bit 7: Low power indicator: 1 → Full Battery; 0 → Low Battery

Bit 8 ~ Bit 9: Checksum

Bit 10 ~ Bit 11: Identify ID

Bit 12 ~ Bit 24: Data (Temp/Humidity were represented by the data bit)

Worst case duty cycle = $(0.5 * 26) / (3.5 + 1 * 25) = 0.45$

Average factor = $20 \log (0.45) = -6.9 \text{ dB}$

0621113 (005f)

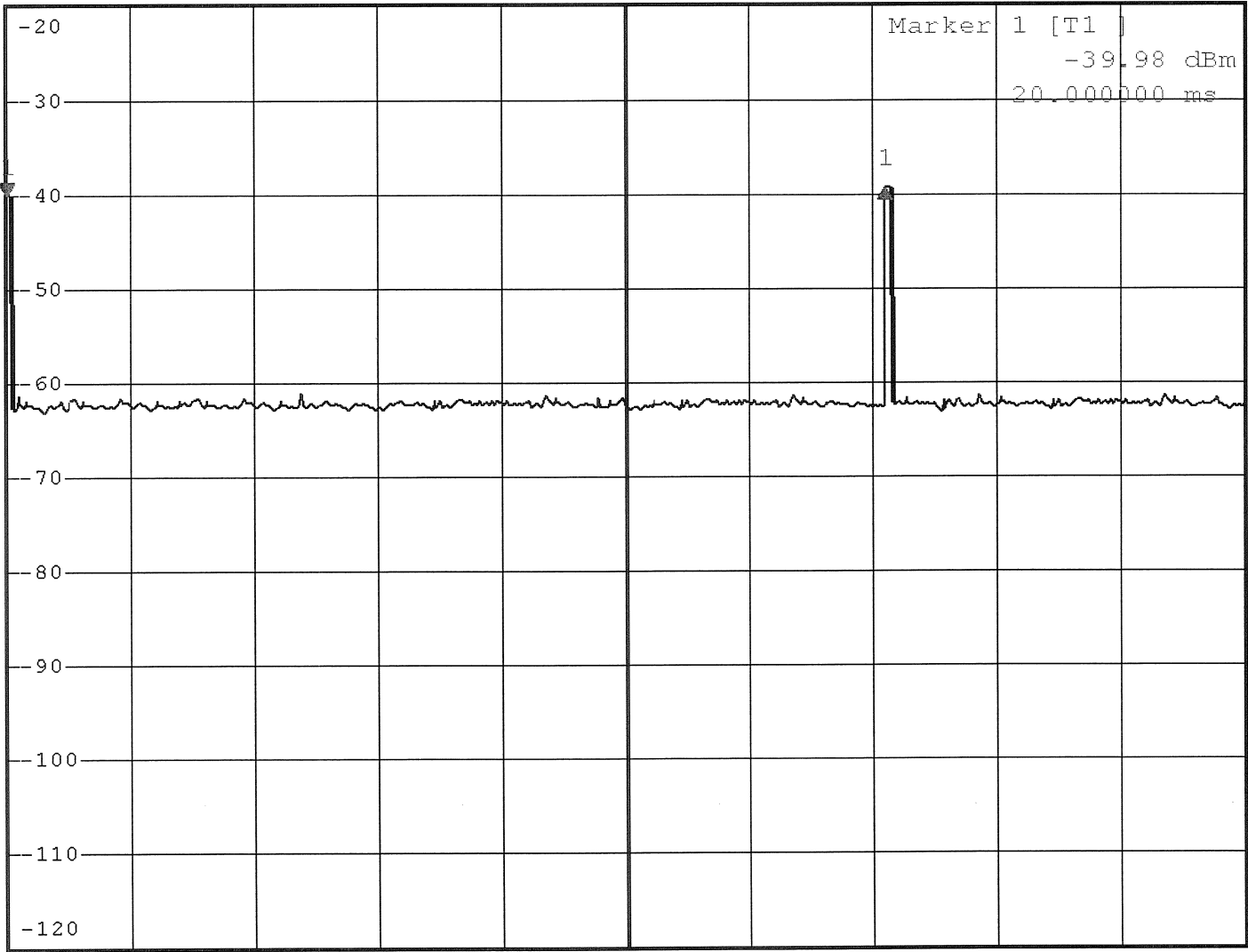


RBW 10 MHz Delta 1 [T1]
*VBW 10 MHz 0.61 dB
SWT 100 s 71.000000 s

Ref -20 dBm

Att 10 dB

1 PK *
CLRWR



Center 434.094 MHz

10 s/



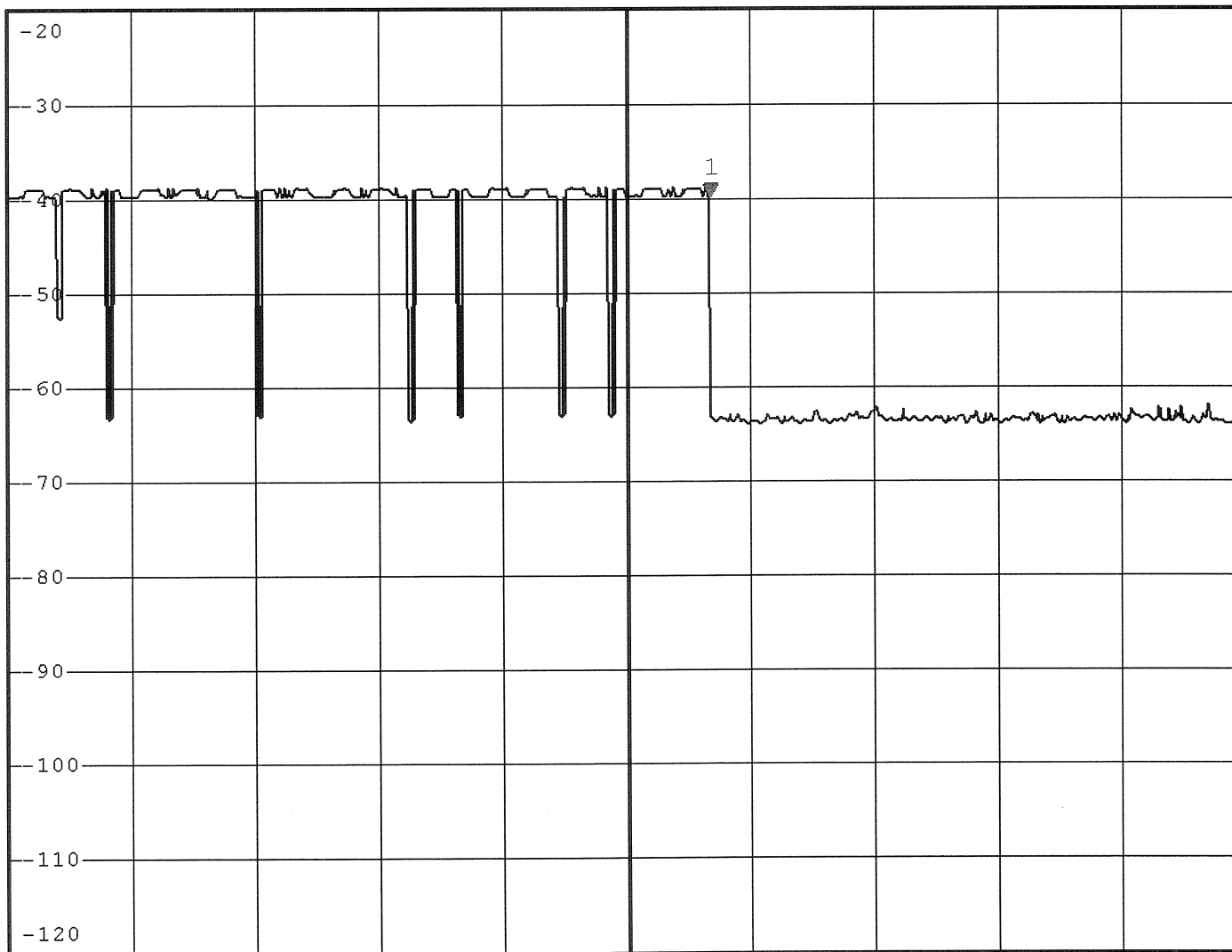
RBW 10 MHz Marker 1 [T1]
*VBW 10 MHz -39.80 dBm
SWT 1 s 568.000000 ms

0621113 (0058)

Ref -20 dBm

Att 10 dB

1 PK *
VIEW



Center 434.094 MHz

100 ms/