

Data Code format and the timing diagram of the 00739 system (REVISED)

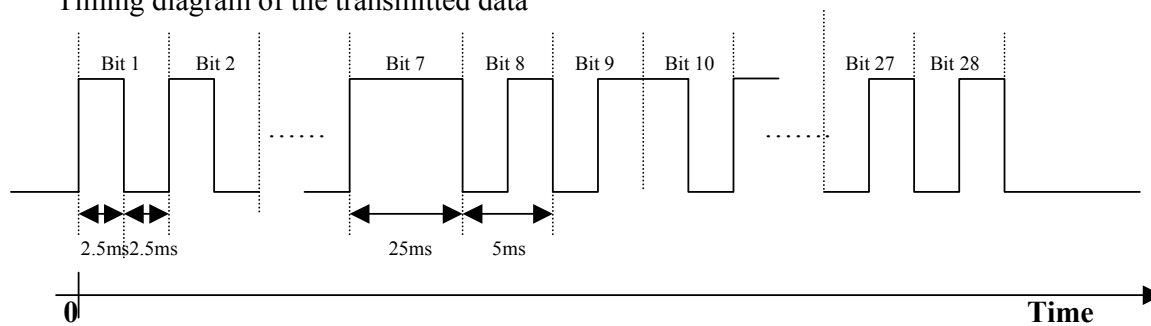
Time Interval of each bit : 5ms

Transmit time : 160ms

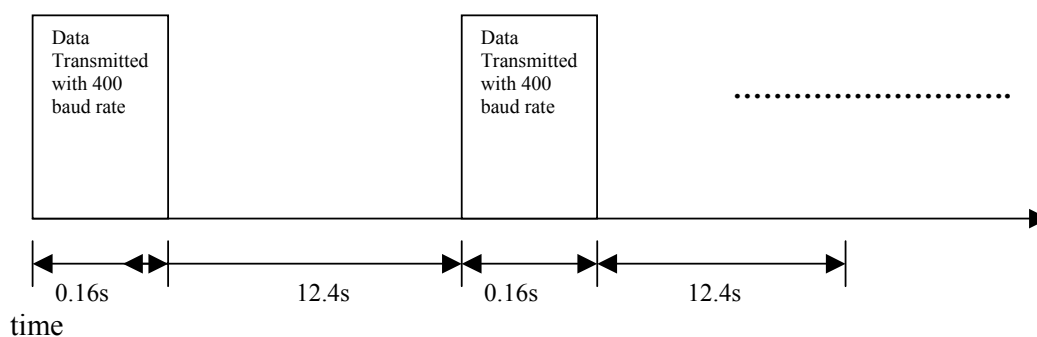
Detailed data code is shown below:

1 st – 6 th bits	Preamble
7 th bit	Start bit
8 th – 24 th	Data
25 th -27 th	Checksum
28 th	Stop bit

Timing diagram of the transmitted data



The data is transmitted every 12.4 seconds

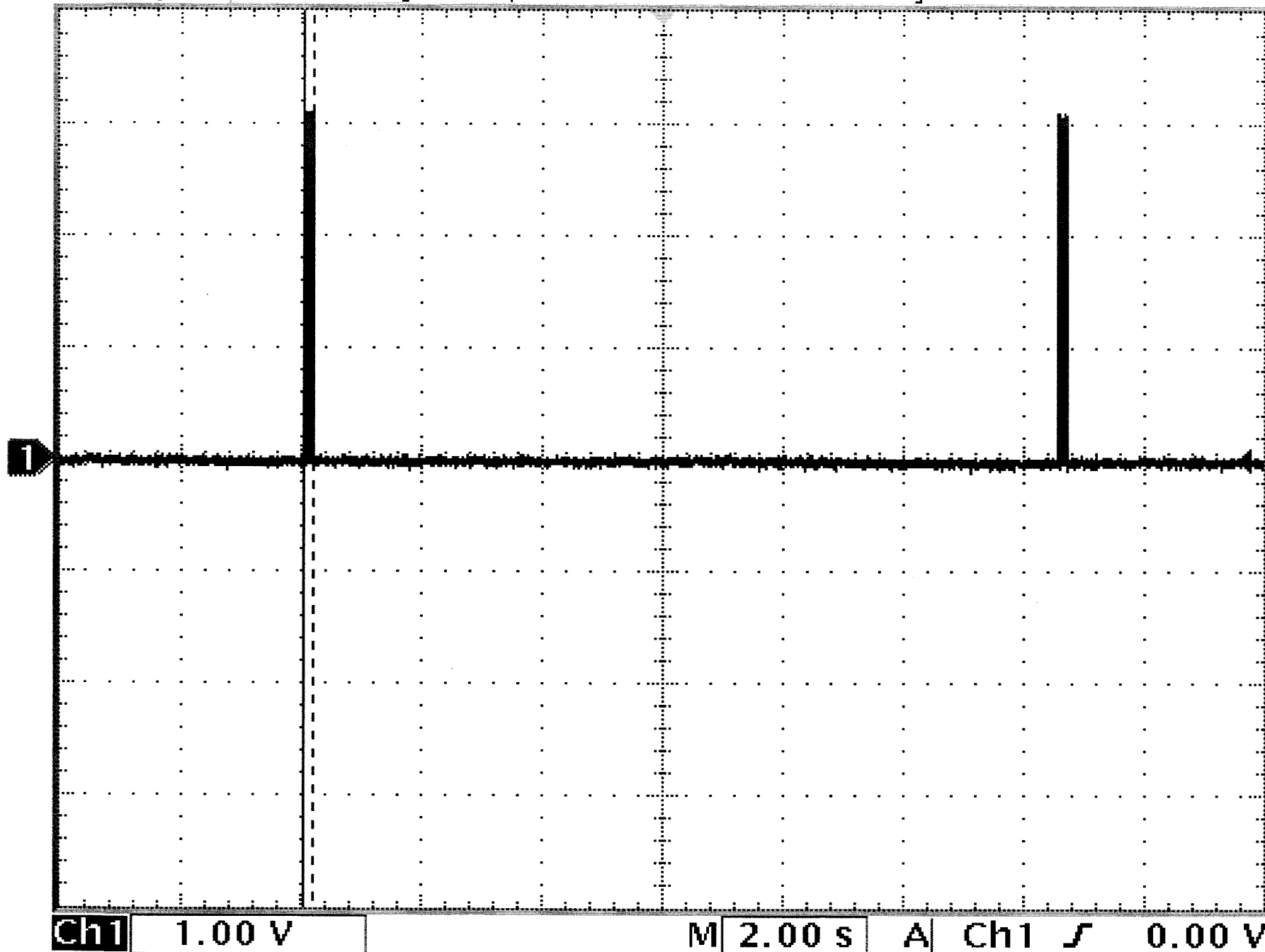


Worst Case :

$$\text{Duty Cycle} = (15 \times 2.5 + 25)/100 \\ = 0.625$$

$$\text{Average Factor} = 20 \log (0.625) \\ = -4.0\text{dB}$$

Tek Stop

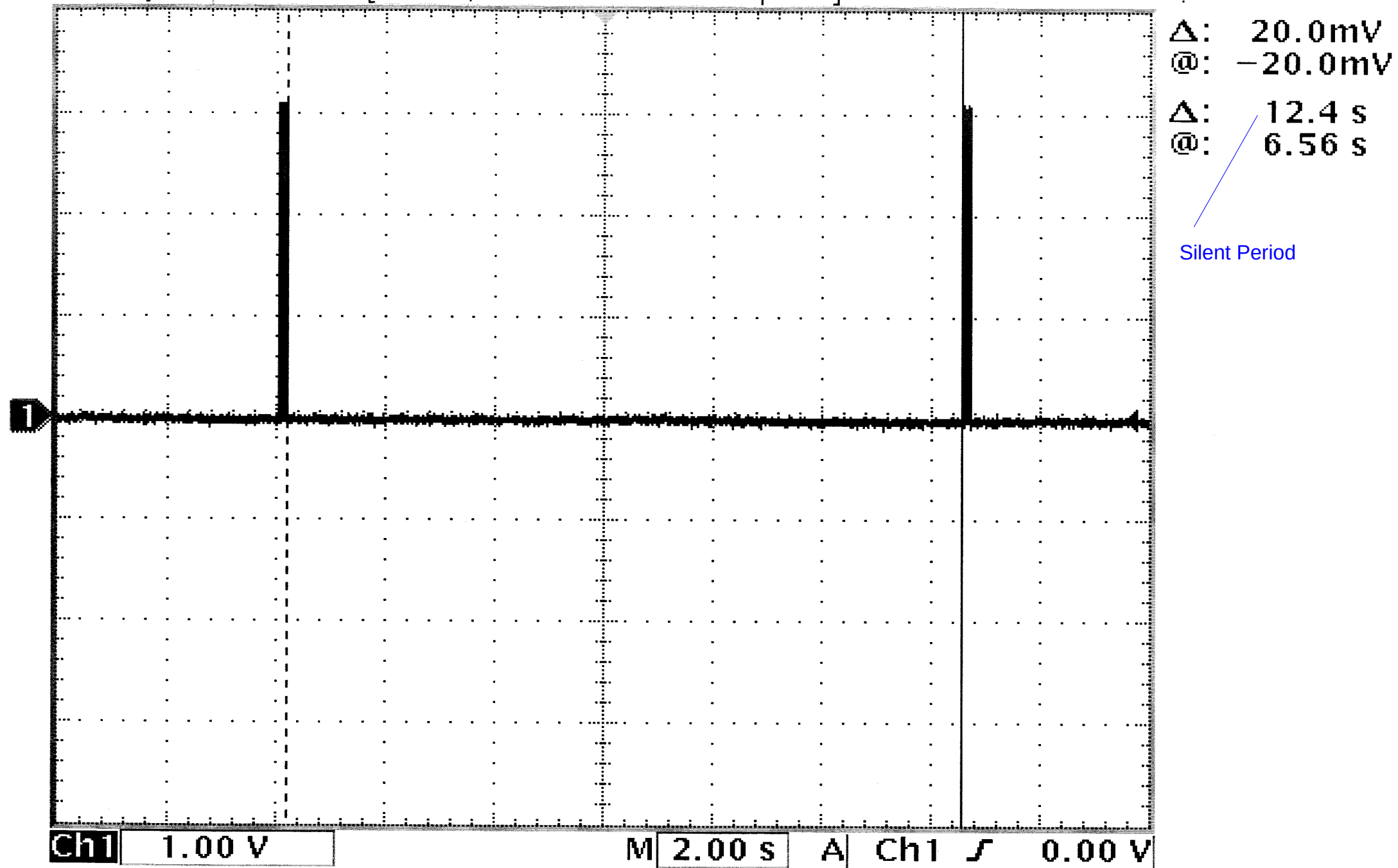


Δ : 40.0mV
@: 0.00 V
 Δ : 160ms
@: -5.96 s

Transmission
Duration

26 Jan 2004
14:30:02

lek Stop



26 Jan 2004
14:29:42