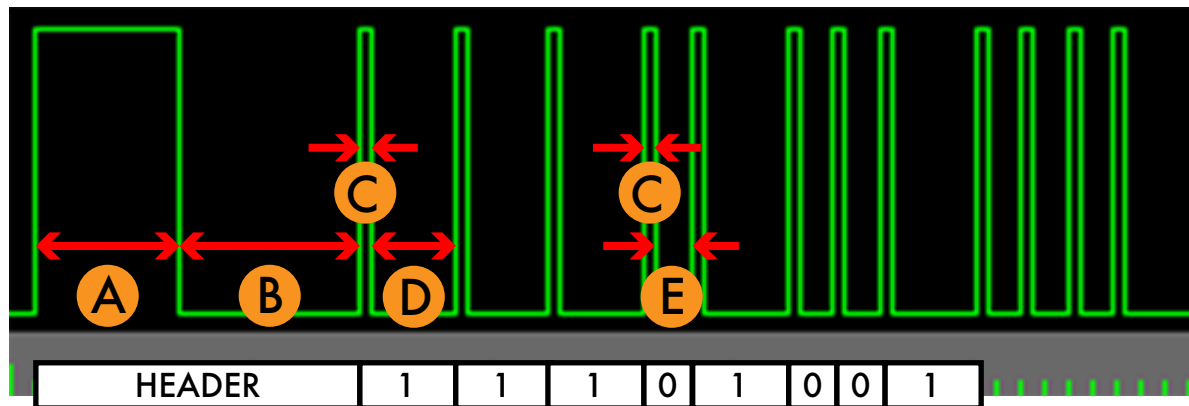
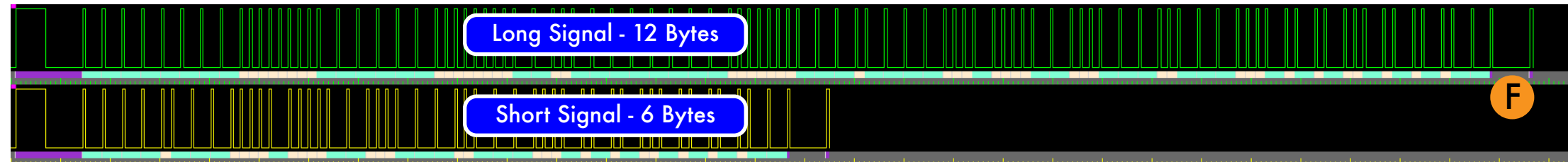


# MITSUBISHI Heavy Industries RKS502A503 AC Remote controller

## Reverse Engineering of the IR transmission

There are two different signals; A short version that transmits 6 Bytes and a long version that transmits 12 Bytes. The transmission starts with a header followed by the bytes of data and ends with a stop bit. The encoding is standard NEC IR protocol with the timing values below. The checksum is a little unusual - consecutive bytes always add up to the sum of 255 (0xFF) and the last two bytes always have the values 42 (0x2A) and 213 (0xD5).

The analysis was performed using the AnalysIR software ([www.analysir.com](http://www.analysir.com)). For the decoded information please see the tables on the following pages.



MITSUBISHI RKS502A503		
	Index	Timing $\mu$ sec.
HEADER	A	6000
HEADER SPACE	B	7500
BIT MARK	C	500
ONE SPACE	D	1500
ZERO SPACE	E	3500
STOP BIT SPACE	F	7500



[illegible]



