LTE-M – Data Link Layer

IP – Network Layer

TCP – Transport Layer

HTTP/FTP – Application Layer

4G LTE Modem

4410 Hz Mono

Decimation Filter (M=10)

44100Hz stereo I2s

Desired audio free of noise

Inverse of Channel 2

Channel 2:

Background Noise

Channel 1:

Bioacoustic audio

LTE-M

Remote Server