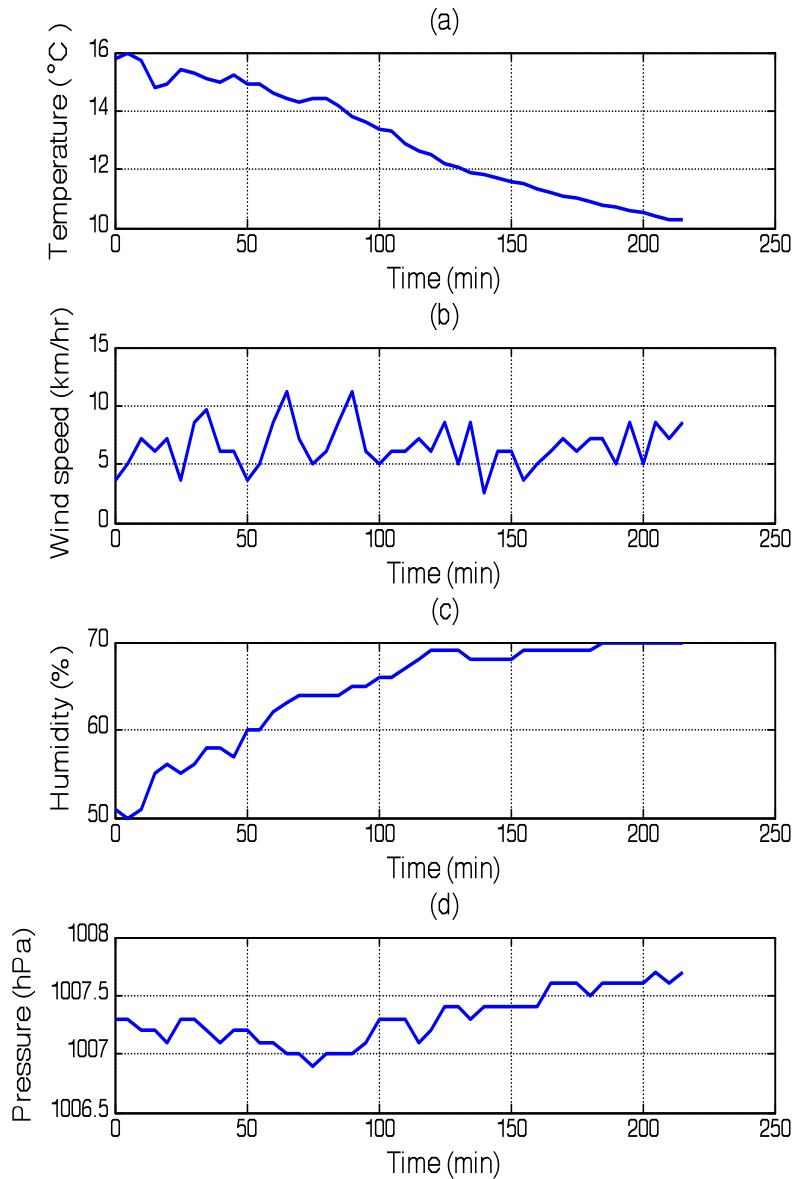


Channel measurements in clear weather with low scintillation index

Measurement Parameters

Date and Time	
Start	04:13 PM, Nov 1 st , 2011
End	07:53 PM, Nov 1 st , 2011
Transmitter	
Optical transmitted power	59.80 mW
Modulation frequency	117.187500 MHz (Sine Wave)
Bias current	168 mA
Average modulation current	131 mA
Receiver	
Measurement method	16X512-FFT applied to 8192 samples @ 2 GSa/s
Resulting sampling frequency	101.791 kSa/sec (2X10 ⁹ / 19648)
Sampling resolution	1 Byte/Sa
Total number of samples	1 342 177 280 = 80 X 2 ²⁴
Measurement time	3 hrs : 39 min : 45.55 sec = 80 X 164.8 sec
Transimpedance gain	2000 V/A

Weather Parameters



Average Gain and Scintillation Index

