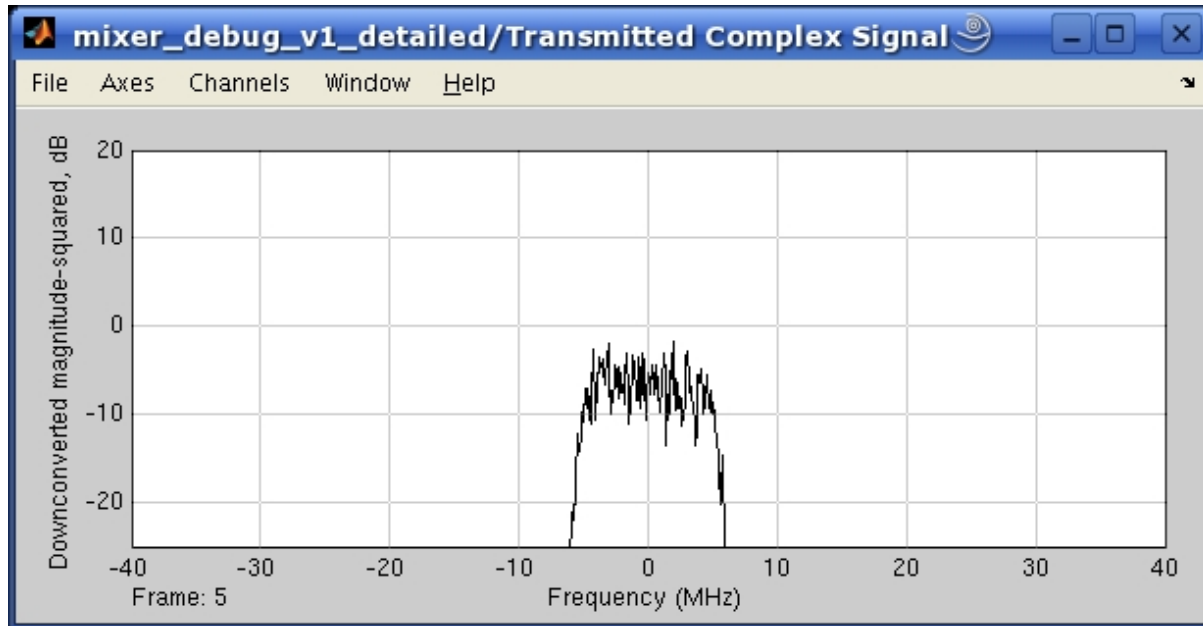
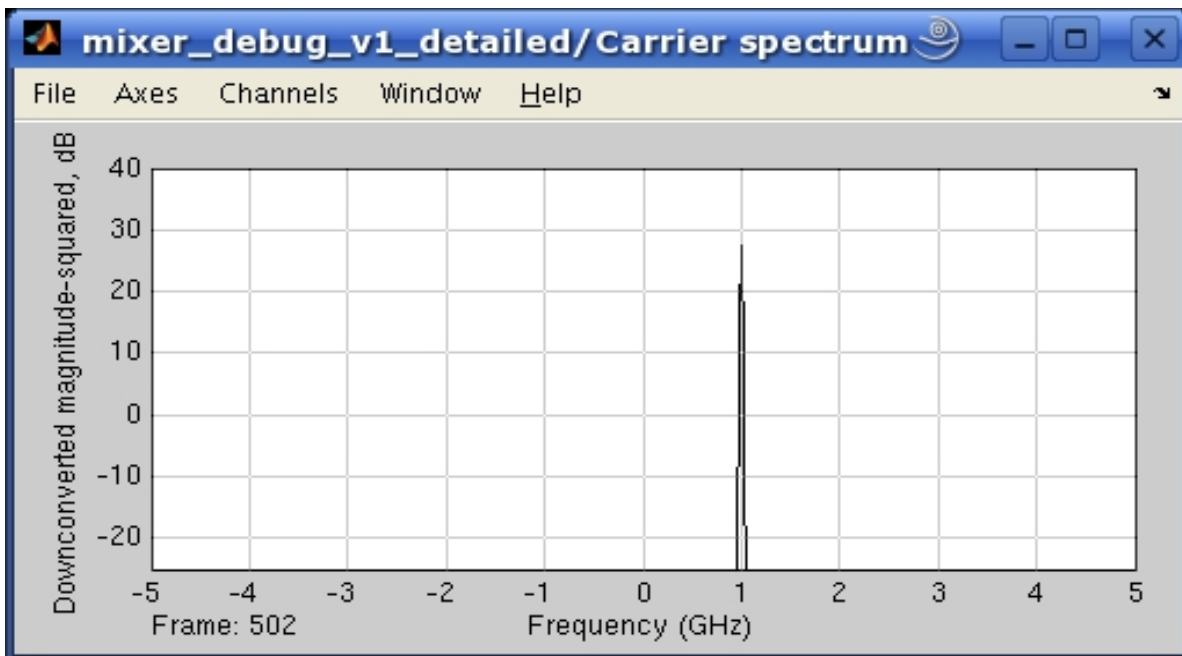


**Simulink Solver : Discrete ( no continuous states )**  
Max step size : 10 ps , auto ( both choices give same results )  
Solver type : Variable step

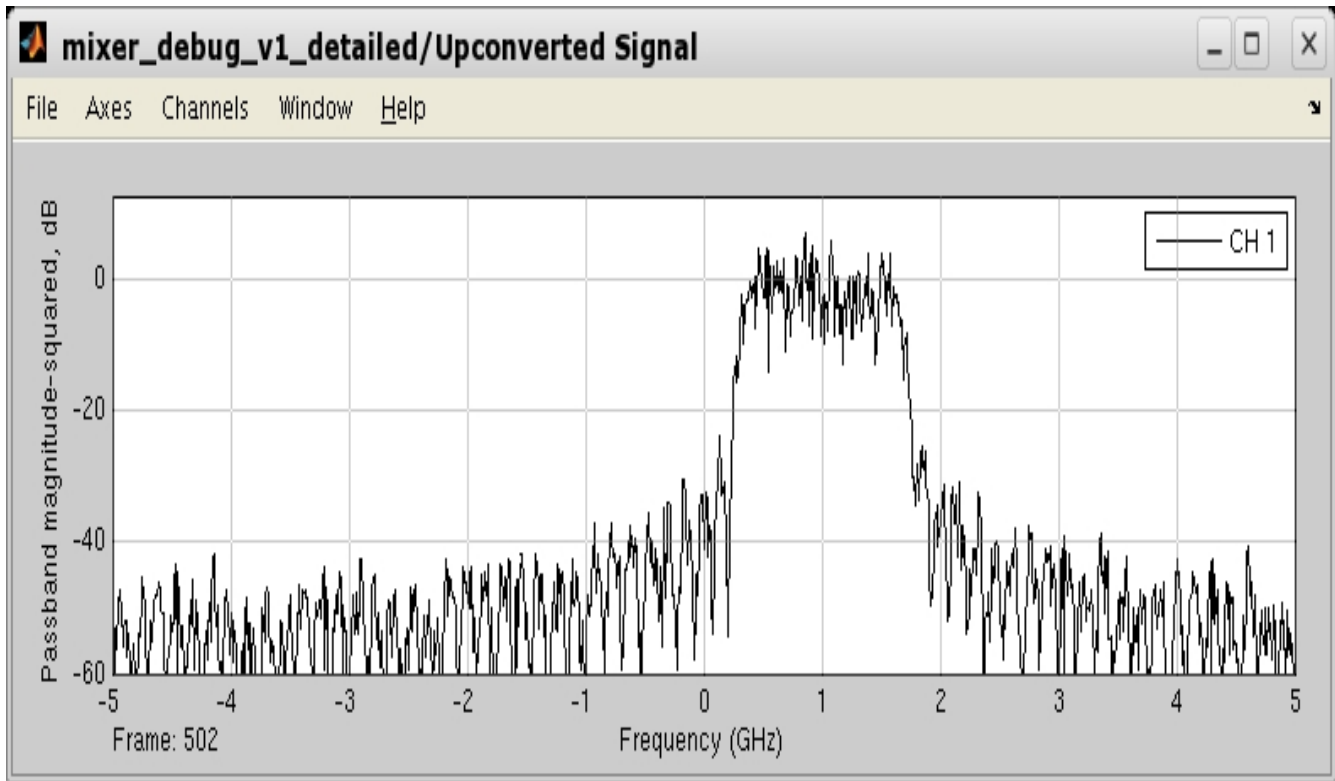
### Baseband Signal



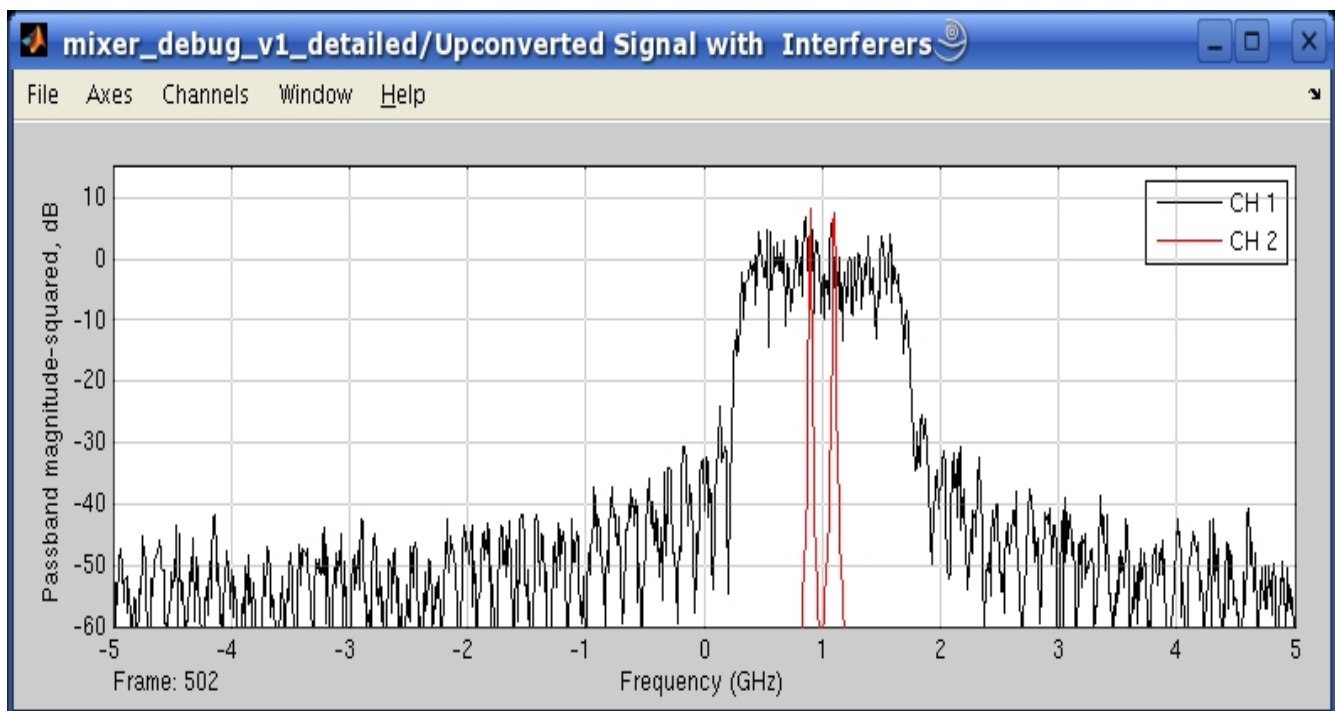
### Carrier at 1 GHz



**After upconversion , signal BW has increased much !!**



**Interferers at 900 Mhz and 1.1 GHz. They should be out of signal BW. But !!!!!!!!!**



## Baseband Signal after downconversion

