

ПРИМЕРЫ ПРОГРАММ:

```
/*  
 * CIN source file  
 */  
#include "extcode.h"  
CIN MgErr CINRun(float32 *A, float32 *B,  
LVBoolean *compare);  
CIN MgErr CINRun(float32 *A, float32 *B,  
LVBoolean *compare) {  
    if (*A == *B)  
        *compare = LVTRUE;  
    else  
        *compare= LVFALSE;  
    return noErr;  
}
```

The collage consists of three circular images illustrating LabVIEW applications:

- Top-left:** A LabVIEW block diagram for 'Mask and Limit Testing'. It features a 'Current Reading' input, two limit inputs ('Upper Limit' and 'Lower Limit'), and outputs for 'Passed', 'Failed', and 'Log File Directory'. A 'Log File Directory' block is highlighted with a pink box, and a message box indicates 'Data outside the set limits'.
- Top-right:** Three plots showing signal processing results. The first plot, 'Low frequency component', shows a smooth sinusoidal wave. The second, 'High frequency component', shows a high-frequency signal. The third, 'Output signal', shows a reconstructed signal.
- Bottom:** A LabVIEW block diagram for signal processing. It includes a 'Modулирующий сигнал' block, a 'Multiply' block, a 'Convert from Dynamic Data' block, and a 'Spectral Measurements' block. A 'Time Delay' block is also present.