JANUS HIGH-FREQUENCY SAMPLING PATCHING GUIDE

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This is needed **only** by users planning to use sampling frequencies higher than 96 kHz. **The patch was specifically intended to allow use up to 192 kHz.** Original code was tested and working ok **without patch** using sampling frequencies up to and including 96 kHz.

Start by opening the *go_cfar.c* source file located in
   [janus]/src/c/janus/utils/go_cfar.c

Locate line 111, as in the image below:

```
109   unsigned fifo_size_bytes = janus_utils_fifo_get_size(fifo);
110
111   while (fifo_size_bytes >= ((go_cfar->hn + 1 + go_cfar->k) * sizeof(janus_real_t)))
112   {
113     unsigned peek size bytes = 0;
```

Change the number '1' to '5'. The resulting line should then be:

```
109   unsigned fifo_size_bytes = janus_utils_fifo_get_size(fifo);
110
111   while (fifo_size_bytes >= ((go_cfar->hn + 5 + go_cfar->k) * sizeof(janus_real_t)))
112   {
113     unsigned peek size bytes = 0;
```

Save the file and build/install JANUS as usual.