|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Interference Type** | Notch Filter | FFT Threshold | DSSSS | CMA | LMS | RLS |  |  |  |
| **CW** | Appears to work within the new framework, but not as well as previously. Need to check on this. Haven’t explicitly tested synchronization | Appears to work fine within the new framework. Haven’t explicitly tested synchronization | Needs us to fix the downsampling issue. Currently the signal is downsampled before cancellation and not resampled at the original rate. Haven’t explicitly tested synchronization. Double check spectrum plotting. Unmitigated BER isn’t working right. Perhaps the re-upsampling isn’t correct. | Not working quite right. It was working previously, so we need to figure out what has changed. Currently it is **worse** than the unmitigated performance. Haven’t explicitly tested synchronization | For some reason we have to use our own pulse-shaping function. Works with DD although not as well as other techniques. Need to included the unmitigated BER. Haven’t explicitly tested synchronization | For some reason we have to use our own pulse-shaping function. Works with DD although not as well as other techniques. Need to included the unmitigated BER. Haven’t explicitly tested synchronization |  |  |  |
| **Filtered Noise** |  |  |  |  |  |  |  |  |  |
| **Chirp** |  |  |  |  |  |  |  |  |  |

CW Interferer









