

WBZ451 with added WINC1500. Using App Inventor polling on BLE and Web page for WiFi, here are the performance:

On the BLE side, I have the MIT App sending data every 100mSec and the WBZ responding with status.

On the WiFi side, the Webpage request data every 50mSec with the WBZ responding with status.

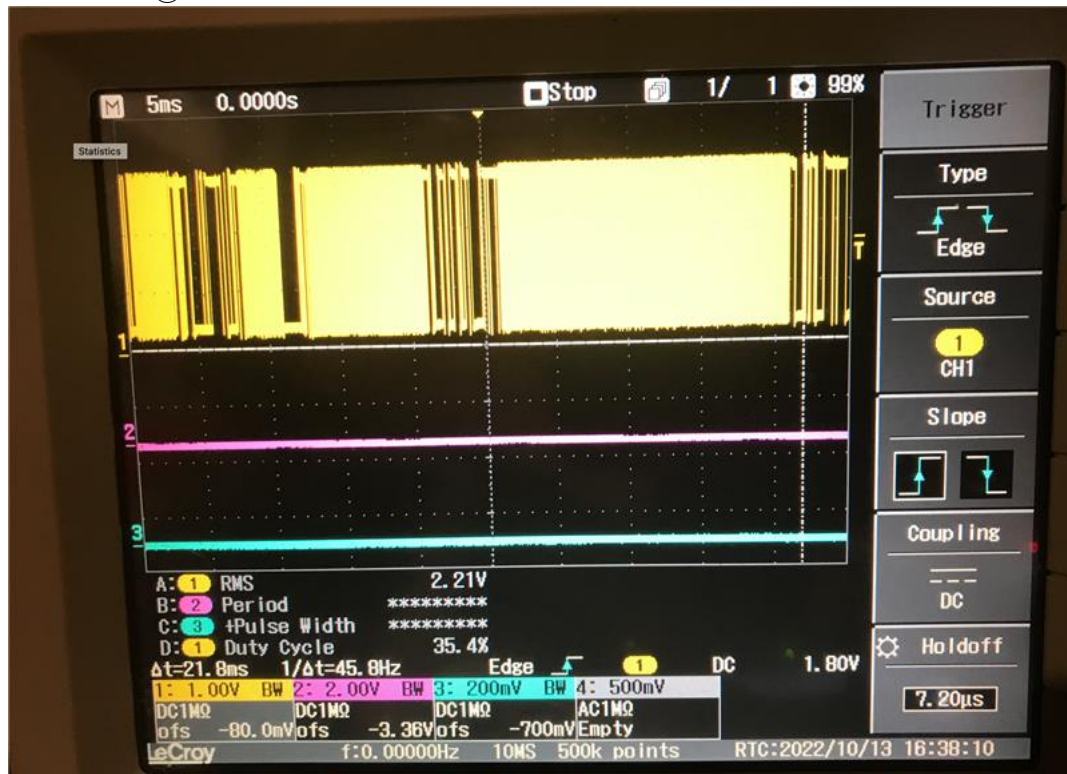


In the Idle Task, I have added a bit toggle of the USER LED. I don't know if this is very representative, but looks interesting...

```
void app_idle_task( void )
{
    uint8_t PDS_Items_Pending = PDS_GetPendingItemsCount();
    bool RF_Cal_Needed = RF_NeedCal(); // device_support library API
    uint8_t BT_RF_Suspended = 0;
    USER_LED_Toggle();
    if (PDS_Items_Pending || RF_Cal_Needed)
    {
```

You could see on the scope the output of the USER\_LED stretching longer as other task runs

Here is the @ 5mSec



Her @ 500uSec

