

```
Analyzer.c
30
31 void an_analyze(bool curBufRdy)
32 {
33     an_curBufRdy = curBufRdy;
34
35     an_spl = an_calcSPL();
36     if(an_spl > AN_SPLTHRESH)
37     {
38         an_calcFFT();
39     }
40 }
```

Console Tasks Problems Executables Memory Browser

an_spl

an_spl <Floating Point 32 bit>

Address	0 - 3	4 - 7	8 - B	C - F
FF800E90	0.0	0.53139651	0.0	0.0
FF800EA0	0.0	0.0	0.0	0.0
FF800EB0	0.0	0.0	0.0	0.0
FF800EC0	0.0	0.0	0.0	0.0
FF800ED0	0.0	0.0	0.0	0.0
FF800EE0	0.0	0.0	0.0	0.0
FF800EF0	0.0	0.0	0.0	0.0
FF800F00	0.0	0.0	0.0	0.0
FF800F10	0.0	0.0	0.0	0.0

DWF 1 - Arbitrary Waveform Generator 1

File Edit Control View Settings Window Help

Stop All Select Channels Mode: Independent Options Help

Channel 1 (AWG 1)

Enabled Stop AWG 1 Preview

Basic Sweep Advanced

Trig: None Wait: none Run: continuous Repeat: infinite

Custom Player

Standard

☒ Frequency

880 Hz

Max 10 MHz

Min 100 uHz

☒ Amplitude

1 V

Max 5 V

Min 0 V

☒ Offset

0 V

Max 5 V

Min -5 V

☐ Symmetry

50%

☐ Phase

0 deg

Auto scale

200 mV/div 0 V

Running

1 V
0.8 V
0.6 V
0.4 V
0.2 V
0 V
-0.2 V
-0.4 V
-0.6 V
-0.8 V
-1 V

0 ms 1 ms 2 ms