

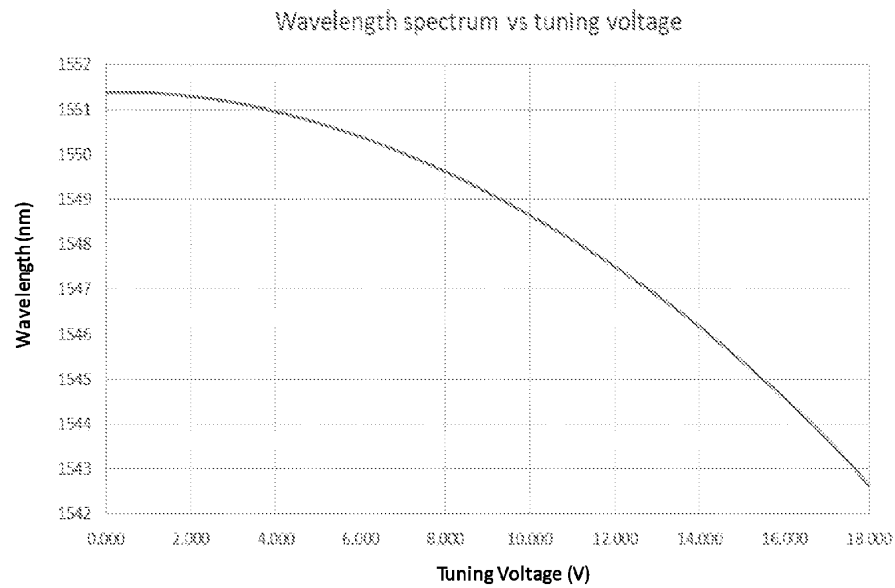


Figure 1A

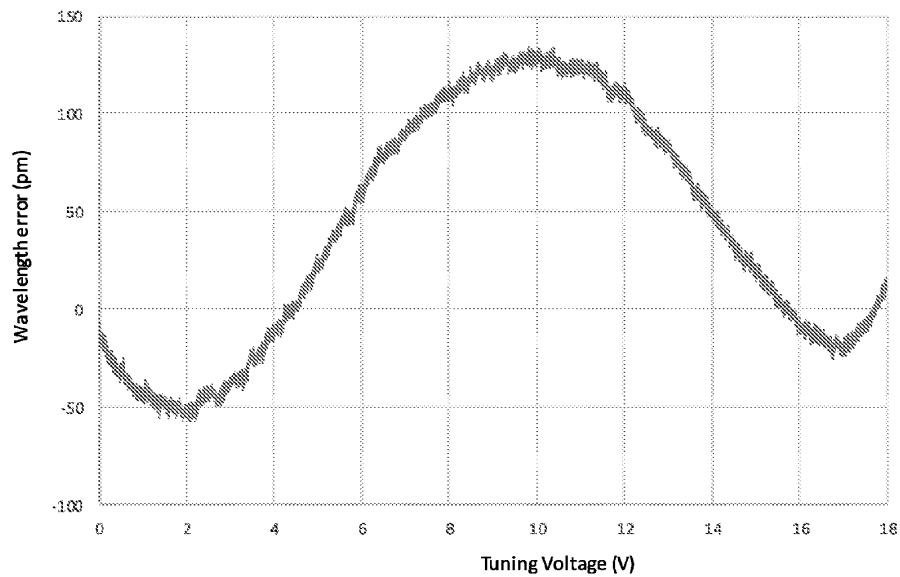


Figure 1B

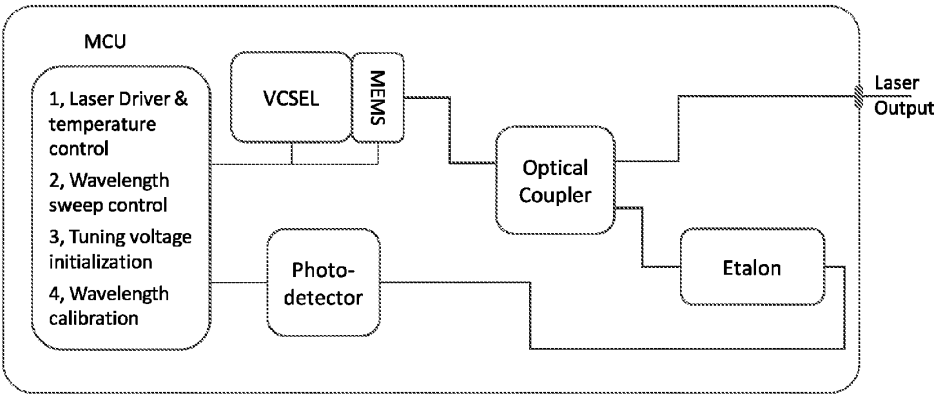


Figure 2

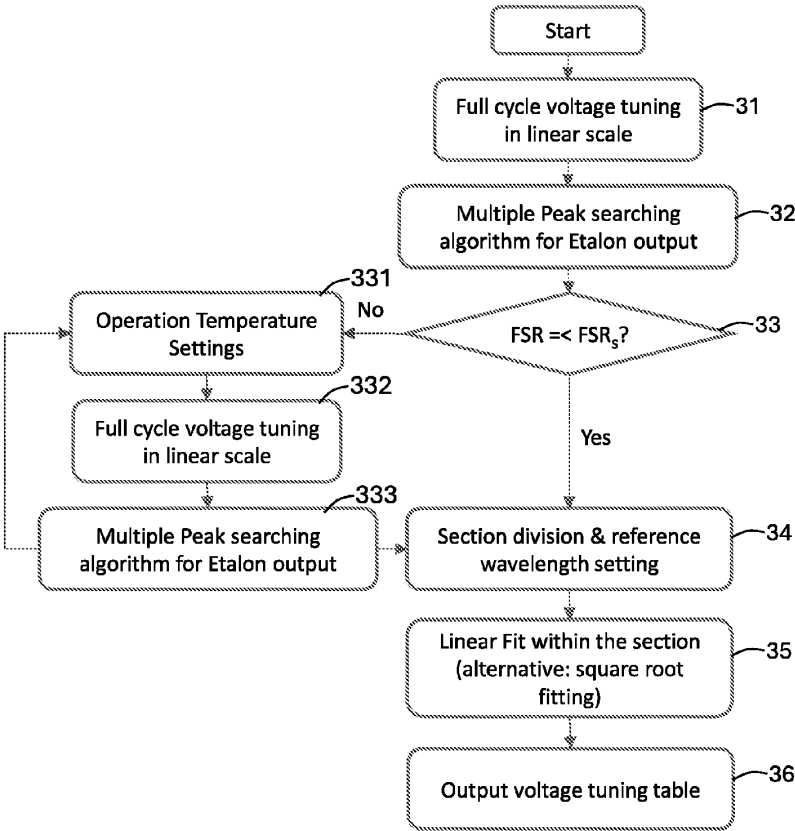


Figure 3

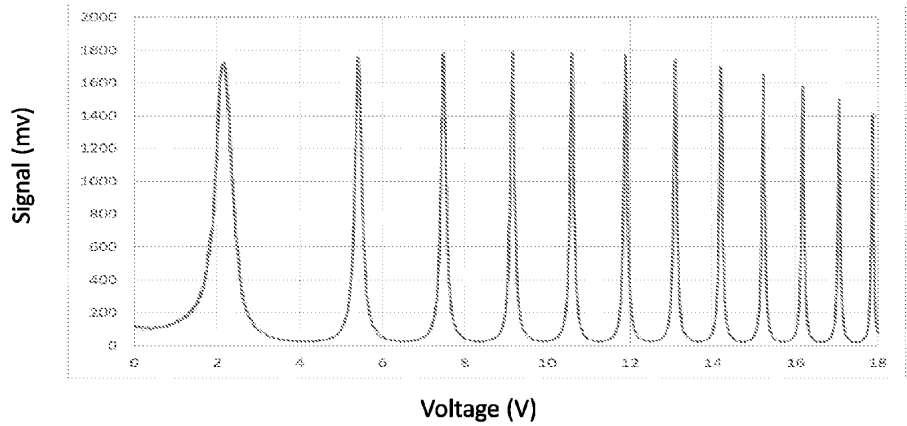


Figure 4A

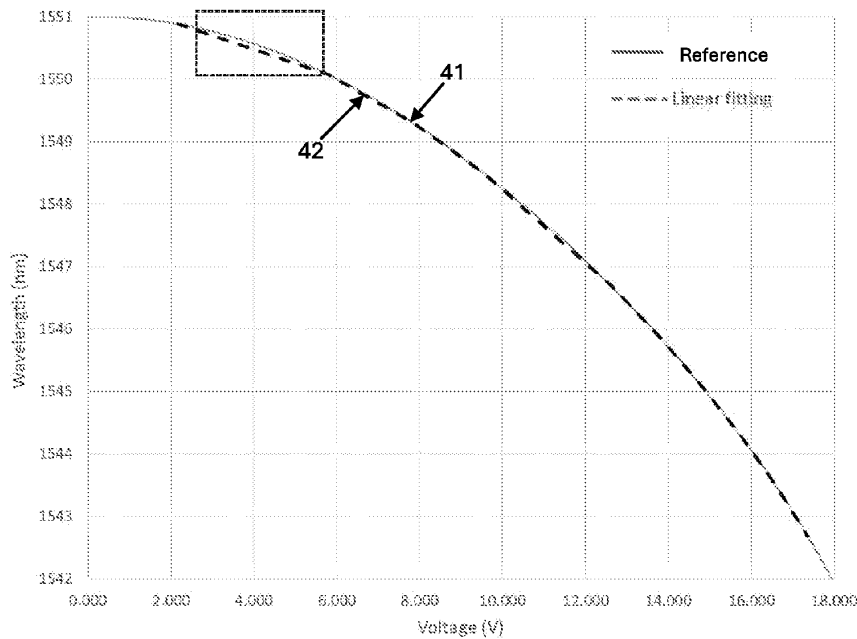


Figure 4B

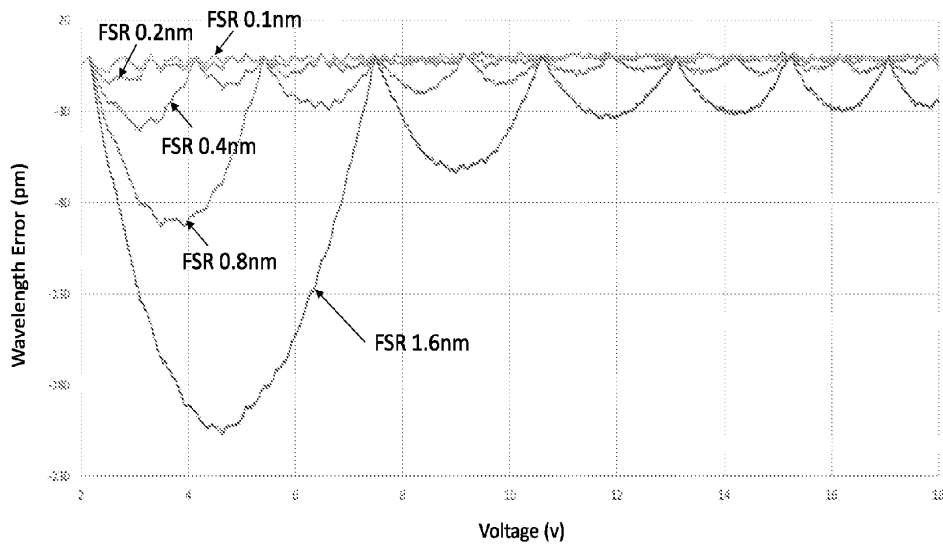


Figure 4C

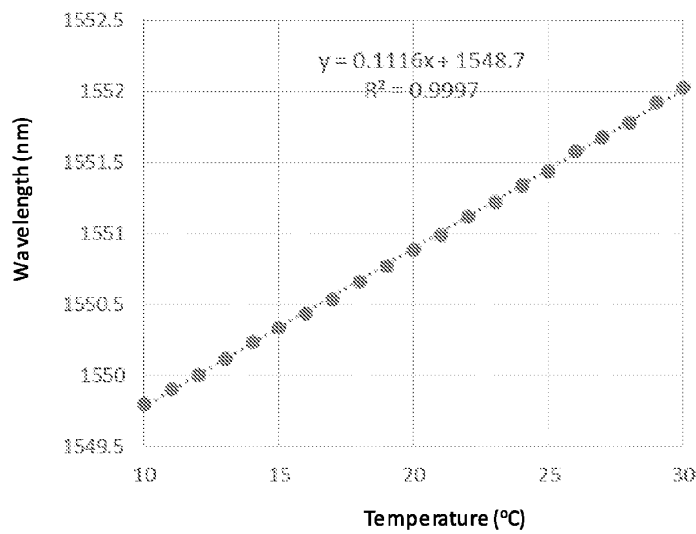


Figure 5A

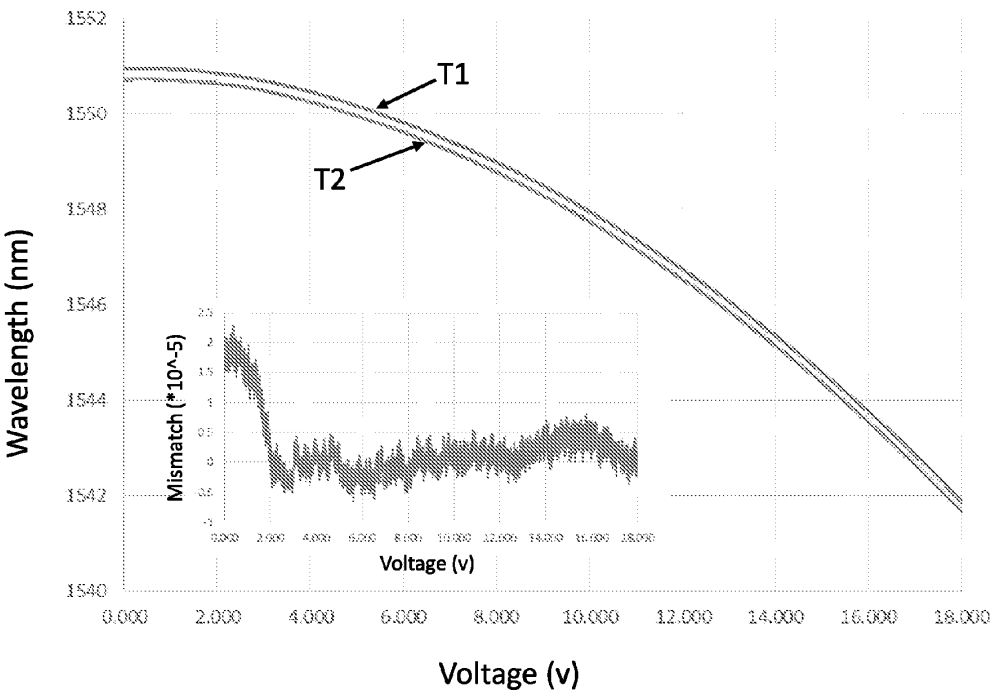


Figure 5B

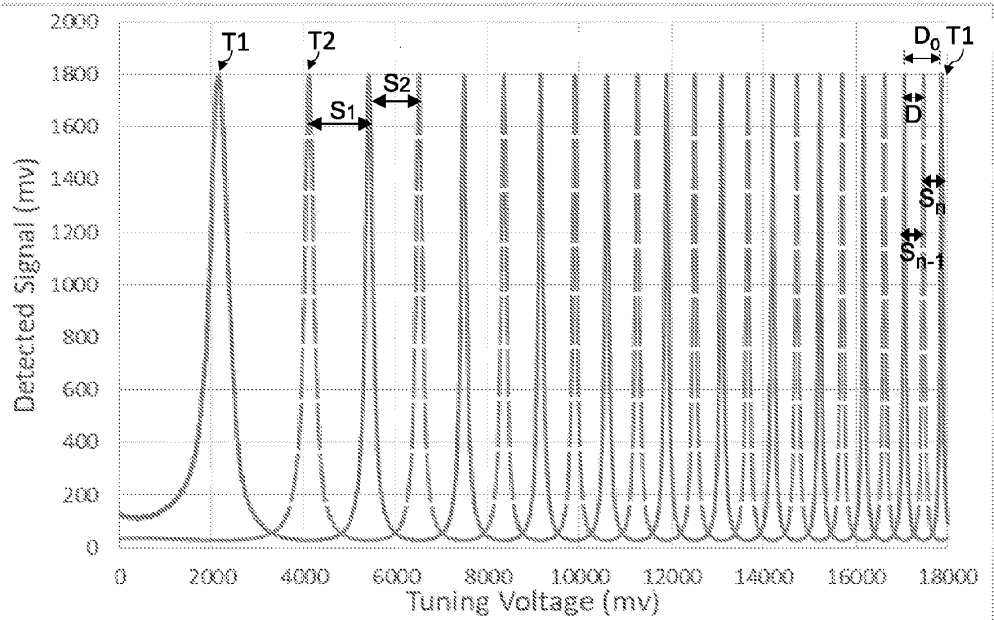


Figure 5C

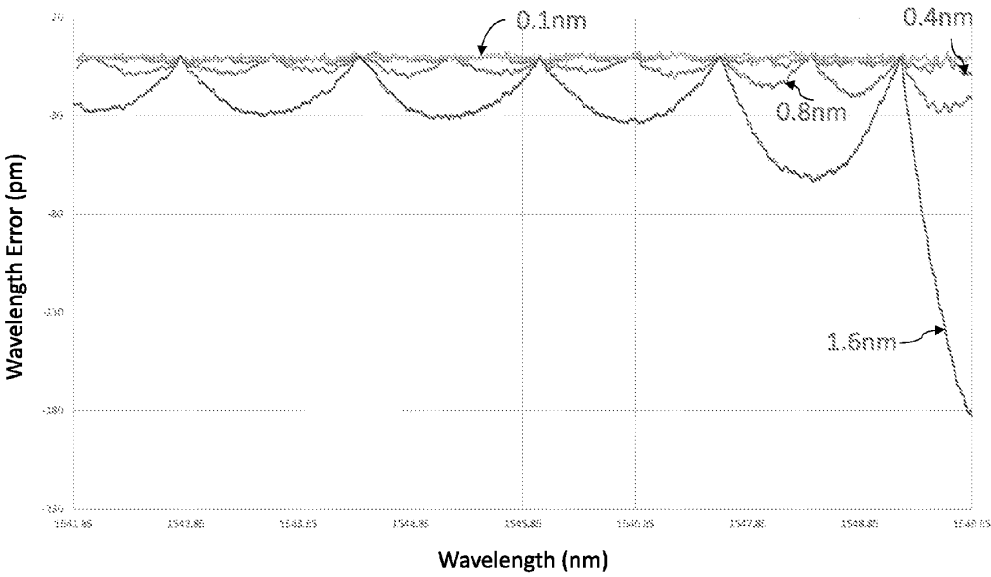


Figure 5D

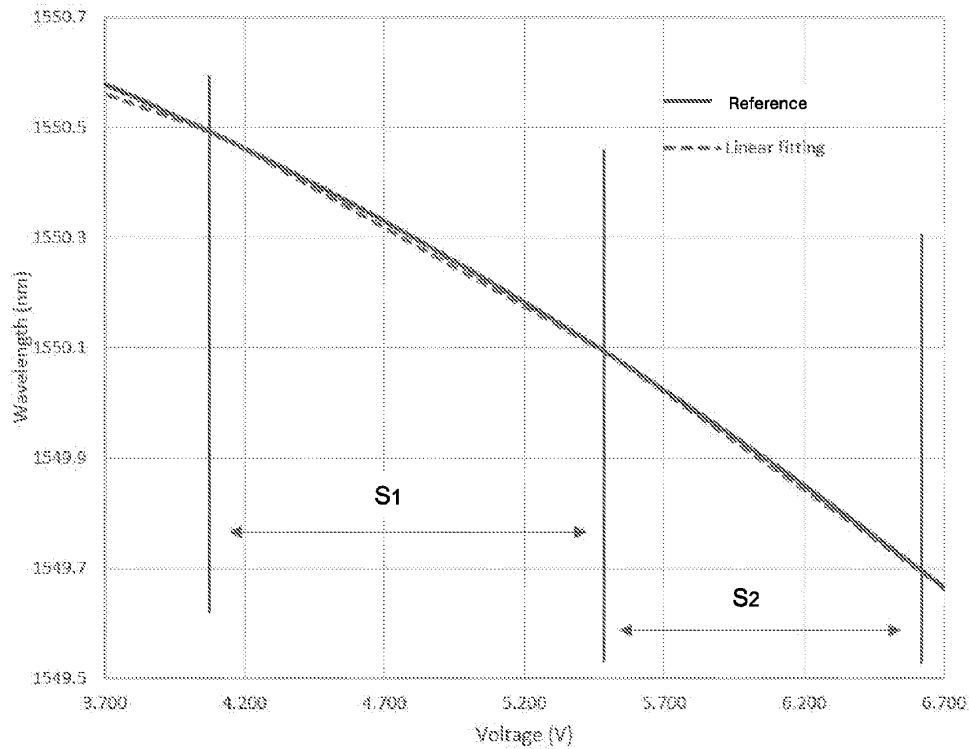


Figure 5E

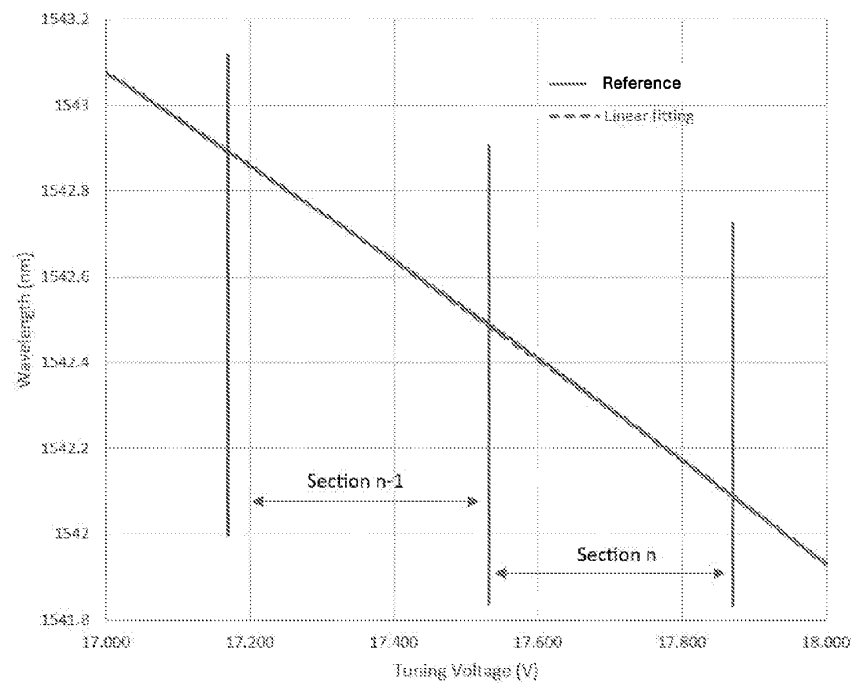


Figure 5F

Wavelength-voltage tuning table (partial)

Voltage range: approximately 17 V to approximately 18 V

Corresponding wavelength range: 1543.086 nm to 1541.926 nm
with a step of 0.008 nm.

(1)		(2)		(3)		(4)		(5)	
Voltage (V)	Wavelength (nm)	Voltage (V)	Wavelength (nm)	Voltage (V)	Wavelength (nm)	Voltage (V)	Wavelength (nm)	Voltage (V)	Wavelength (nm)
17.0038	1543.086	17.2017	1542.87	17.4005	1542.646	17.6005	1542.414	17.8006	1542.174
17.0112	1543.078	17.209	1542.862	17.4075	1542.638	17.6074	1542.406	17.807	1542.166
17.0187	1543.07	17.2161	1542.854	17.4145	1542.63	17.6144	1542.398	17.8134	1542.158
17.0261	1543.062	17.2233	1542.846	17.4215	1542.622	17.6213	1542.39	17.8197	1542.15
17.0336	1543.054	17.2305	1542.838	17.4285	1542.614	17.6283	1542.382	17.8261	1542.142
17.041	1543.046	17.2376	1542.83	17.4354	1542.606	17.6347	1542.374	17.8328	1542.134
17.0485	1543.038	17.2448	1542.822	17.4423	1542.598	17.6412	1542.366	17.8395	1542.126
17.0559	1543.03	17.252	1542.814	17.4493	1542.59	17.6476	1542.358	17.8462	1542.118
17.0634	1543.022	17.2591	1542.806	17.4562	1542.582	17.6541	1542.35	17.8529	1542.11
17.0707	1543.014	17.2663	1542.798	17.4631	1542.574	17.6605	1542.342	17.8596	1542.102
17.078	1543.006	17.2735	1542.79	17.4701	1542.566	17.667	1542.334	17.8663	1542.094
17.0853	1542.998	17.2806	1542.782	17.477	1542.558	17.6734	1542.326	17.873	1542.086
17.0927	1542.99	17.2877	1542.774	17.4839	1542.55	17.6799	1542.318	17.8797	1542.078
17.1	1542.982	17.2948	1542.766	17.4909	1542.542	17.6863	1542.31	17.8864	1542.07
17.1073	1542.974	17.3019	1542.758	17.4977	1542.534	17.6928	1542.302	17.8931	1542.062
17.1147	1542.966	17.309	1542.75	17.5044	1542.526	17.6997	1542.294	17.8997	1542.054
17.122	1542.958	17.3161	1542.742	17.5112	1542.518	17.7067	1542.286	17.9063	1542.046
17.1293	1542.95	17.3232	1542.734	17.518	1542.51	17.7136	1542.278	17.9129	1542.038
17.1367	1542.942	17.3303	1542.726	17.5248	1542.502	17.7206	1542.27	17.9194	1542.03
17.1439	1542.934	17.3374	1542.718	17.5316	1542.494	17.7275	1542.262	17.926	1542.022
17.1511	1542.926	17.3445	1542.71	17.5384	1542.486	17.7345	1542.254	17.9326	1542.014
17.1583	1542.918	17.3516	1542.702	17.5451	1542.478	17.7414	1542.246	17.9392	1542.006
17.1656	1542.91	17.3586	1542.694	17.5519	1542.47	17.7484	1542.238	17.9458	1541.998
17.1728	1542.902	17.3656	1542.686	17.5587	1542.462	17.7553	1542.23	17.9524	1541.99
17.18	1542.894	17.3726	1542.678	17.5657	1542.454	17.7623	1542.222	17.959	1541.982
17.1873	1542.886	17.3796	1542.67	17.5726	1542.446	17.7687	1542.214	17.9652	1541.974
17.1945	1542.878	17.3865	1542.662	17.5796	1542.438	17.7751	1542.206	17.9714	1541.966
		17.3935	1542.654	17.5865	1542.43	17.7814	1542.198	17.9776	1541.958
				17.5935	1542.422	17.7878	1542.19	17.9838	1541.95
						17.7942	1542.182	17.99	1541.942
								17.9962	1541.934
								18.0024	1541.926

Figure 5G

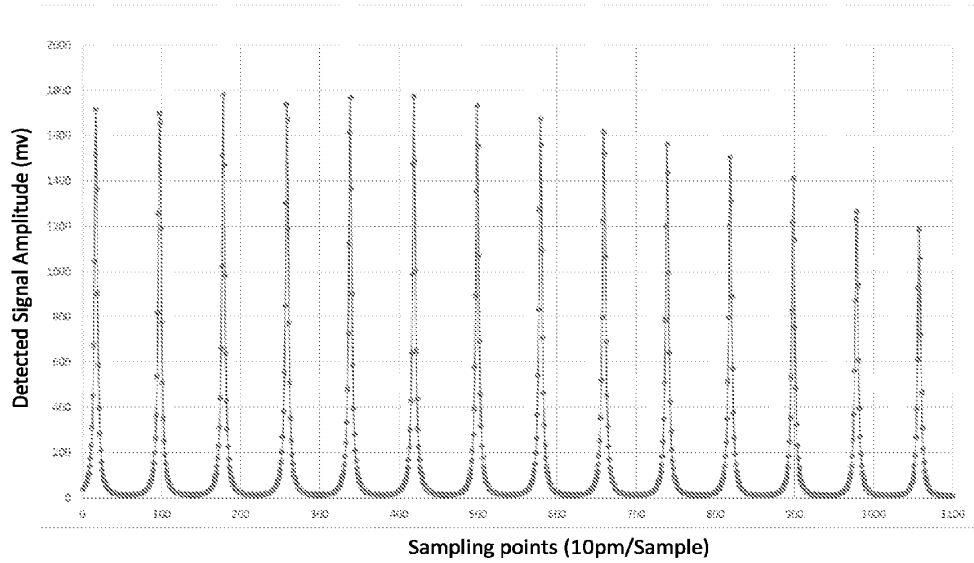


Figure 5H