Plot for Table 1 Readings:

$h = 0.3707 \times 10^{-34}$

$h = e \times \frac{dU}{dv} = e \times \text{slope}$

Mean Voltage Measured U (mV)

Frecquency of Monochromatic Light v ($10^{14} Hz$)

Measured Data Points
Line of Best Fit
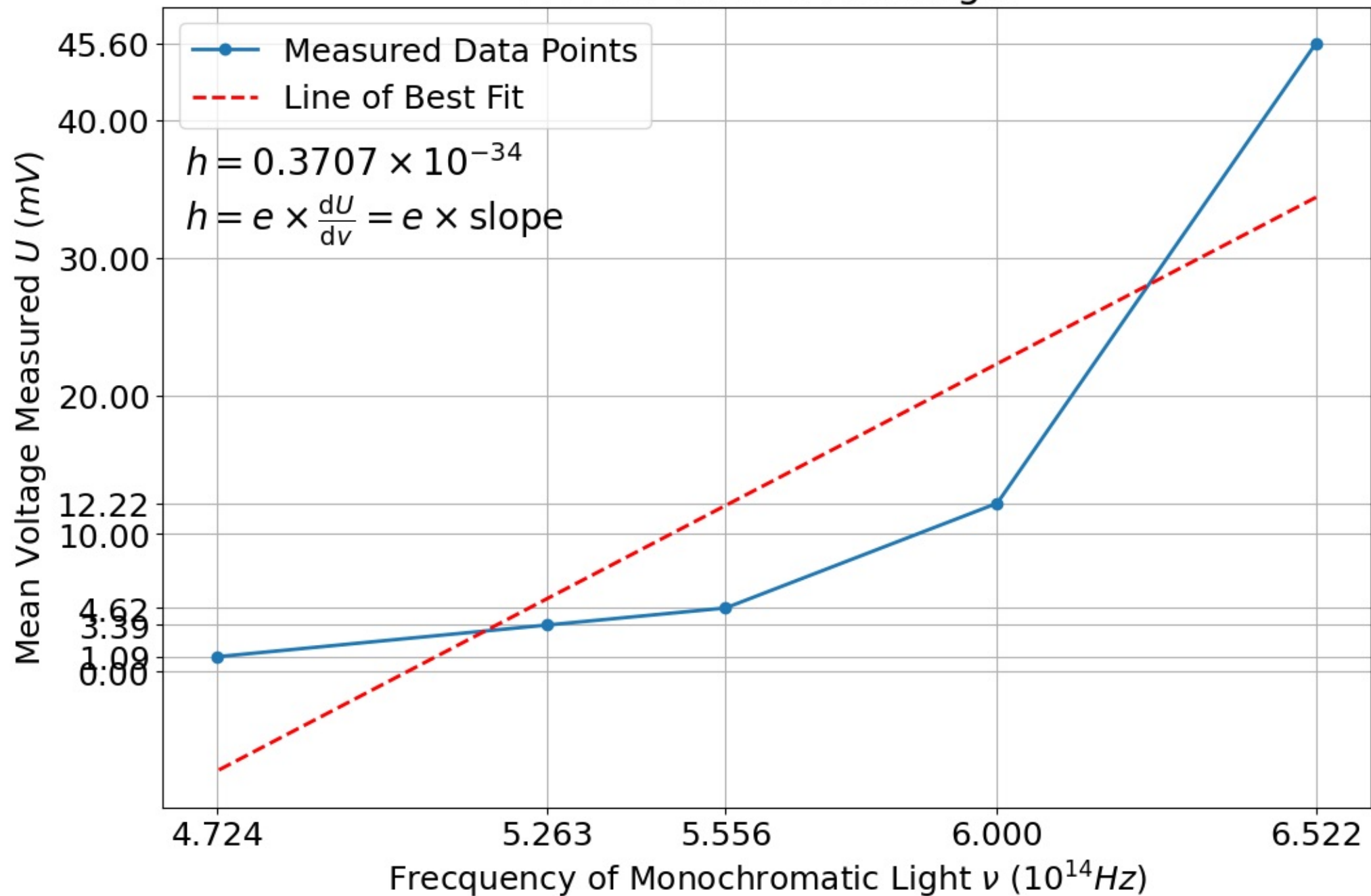
Plot for Table 2 Readings:
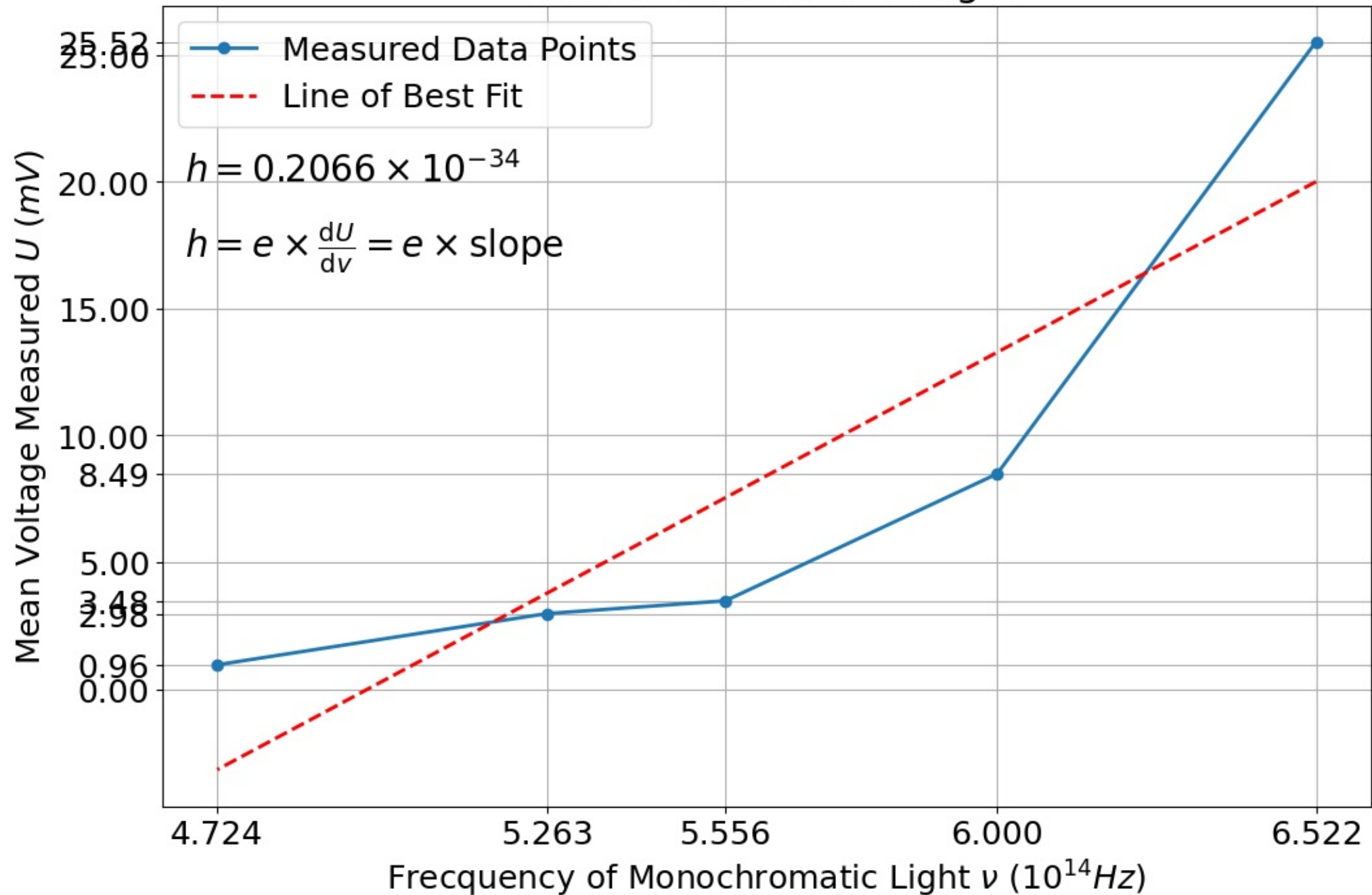
$h = 0.2066 \times 10^{-34}$

$h = e \times \frac{\mathrm{d}U}{\mathrm{d}v} = e \times \text{slope}$

Measured Data Points

Line of Best Fit

Mean Voltage Measured U (mV)

Frecquency of Monochromatic Light v ($10^{14} Hz$)

Wavelength:	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5	Mean	Mean Diviation	Mean Diviation %	DU(mV)	Dv(1e14)	Planks Constanct (1e-34)	Error U	Error DU	Error in Planks Const
460	45.227	45.323	46.115	45.843	45.494	45.6004	0.30288	0.6642047	33.3774	0.52173913	1.024965954	0.302881651	0.545283714	0.016744781
500	12.234	12.532	11.947	12.509	11.893	12.223	0.2424	1.983146527	7.5982	0.444444444	0.273907287	0.242402063	0.35584647	0.012827899
540	4.667	4.445	4.521	4.789	4.702	4.6248	0.11344	2.452862827	1.2378	0.292397661	0.067824552	0.113444408	0.281047391	0.015399833
570	3.645	3.548	3.287	3.229	3.226	3.387	0.1676	4.948331857	2.2942	0.538748446	0.068226893	0.167602983	0.209454932	0.006228951
635	1.137	1.047	1.116	1.034	1.13	1.0928	0.04184	3.828696925				0.041851949		
										Mean	0.358731171		**Mean**	0.012800366

Wavelength:	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5	Mean	Mean Diviation	Mean Diviation %	DU(mV)	Dv(1e14)	Planks Constanct (1e-34)	Error U	Error DU	Error in Planks Const
460	24.266	25.52	25.817	25.939	26.08	25.5244	0.50512	1.978969143	17.0378	0.52173913	0.523203273	0.50512099	0.660644205	0.020287315
500	8.205	8.437	8.787	8.429	8.575	8.4866	0.15552	1.832535998	5.0036	0.444444444	0.180374628	0.155523215	0.223530568	0.008058047
540	3.376	3.42	3.535	3.498	3.586	3.483	0.068	1.952339937	0.5056	0.292397661	0.027704066	0.068007353	0.089151014	0.004884979
570	2.949	2.993	3.007	2.985	2.953	2.9774	0.02112	0.709343723	2.0164	0.538748446	0.059965437	0.021143661	0.035578341	0.001058059
635	0.992	0.944	0.966	0.946	0.957	0.961	0.0144	1.498439126				0.01443468		
										Mean	0.197811851		**Mean**	0.0085721