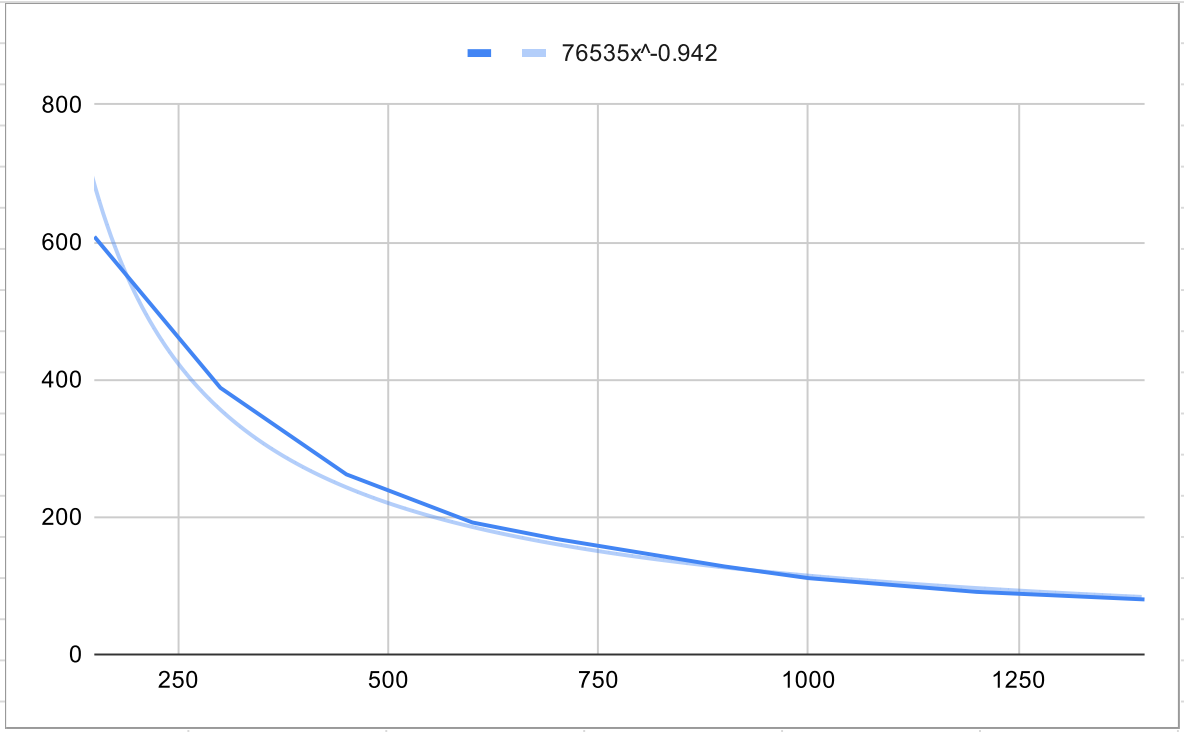

Analog value	Distance
512	100
608	150
388	300
262	450
192	600
168	700
128	900
111	1000
91	1200
80	1400