

nu 0	e	h bar	m sub e	a0	g	alpha	3/4^1/2	c	mp
1.2566371E-06	1.60217653E-19	1.05457168E-34	9.1093826E-31	5.291772108E-11	2.0023193043718	7.2973526E-03	8.6602540E-01	2.99792458E+08	1.67262171E-27
		h		aH	epsilon 0				
		6.6260693E-34		5.2946540972E-11	8.854187817E-12				
				e reduced mass					
				9.10442E-31					
E (H) (eV) (Eq. (1.233) with aH)	E(hv) (eV) (Eq. (2.91))	E delta f (Hz) (Eq. (2.91))	E(hv) (eV) (from Eq. (2.92))	H delta f (Hz) (Eq. (2.92))	Lamb Shift Cal. (Hz) and (MHz) (Eq. (2.93))	Experimental (Hz) and (MHz)			
13.59828638	2.108567309	1052484746	6.465726087	5383860.161	1.0578686E+09	1.05786E+09			
					1057.868606	1057.862			