

Figure 6.15. Tuba Harmonic Series

BB \flat - Tuba (3- and 4- valve)

Tuba Harmonic Series

* (shaded notes indicates a partial which is unstable or rarely used.)
 Note: Chart indicates general pitch tendencies of the harmonic series; degree of tendency may vary by instrument.

10th partial Flat							
	D	D \flat	C	B	B \flat	A	A \flat
9th partial Slightly Sharp							
	C	B	B \flat	A	A \flat	G	G \flat
8th partial In Tune							
	B \flat	A	A \flat	G	G \flat	F	E
7th partial Extremely Flat							
	A \flat	G	G \flat	F	E	E \flat	D
6th partial Sharp							
	F	E	E \flat	D	D \flat	C	B
5th partial Slightly Flat (varies by instrument)							
	D	D \flat	C	B	B \flat	A	A \flat
4th partial In Tune							
	B \flat	A	A \flat	G	G \flat	F	E
3rd partial Slightly Sharp	<i>3rd and 6th partial are often more sharp than indicated because young students play with an embouchure that is not open enough.</i>						
	F	E	E \flat	D	D \flat	C	B
2nd partial In Tune	<i>2nd partial is technically in tune BUT can often be sharp because young students play with an embouchure that is not open enough.</i>						
	B \flat	A	A \flat	G	G \flat	F	E
Fundamental (Not used)							
	B \flat	A	A \flat	G	G \flat	F	E
	8 ^{va}	8 ^{va}	8 ^{va}	8 ^{va}	8 ^{va}	8 ^{va}	8 ^{va}
Valves:							