Overtone Series Chart for Euphonium (Bass Clef)

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The differences between compensating and non-compensating instruments on fourth-valve combinations are clearly indicated.

17th Portial	<u>∰</u>	<u>o</u>	هُو	<u>e</u>	þ <u>e</u>	<u>o</u>	<u>•</u>	b <u>o</u>	٥	þa	•	_#0
12th Partial SharpLower Slightly)	10											
	<u>o</u>	# <u>⊕</u>	<u>e</u>	# <u>o</u>	<u>o</u>	<u>•</u>	# o	٥	# -0-	0	#0	#0
11th Partial (Very FlatUnusable)	19 —		47									11
10th Partial (FlatRaise Slightly)	<u>\$</u>	<u>‡0</u>	<u>o</u>	<u>•</u>	þ <u>•</u>	Ω	‡ e	•	#0	o	0	# 0
(FlatKaise Slightly)		Δ.	be		h							
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9th Partial SharpLower Slightly)	9 :											
	<u>>⊕</u>	<u>o</u>	<u>=</u>	e	þ <u>⊕</u>	<u>o</u>	<u>•</u>	b <u>o</u>	Q	þo	•	0
8th Partial (Normal)	9:											
	<u>ه</u> ط	<u>e</u>	þ <u>⊕</u>		bo	h						
7th Partial (Very FlatUnusable)	_ = 9≔	=		<u>o</u>	<u> </u>	⊅ <u>↔</u>	O	٥٥	•	Þ	20	0
(Very FlatUnusable)												
6th Partial (SharpLower Slightly)	<u>o</u>	<u>&</u>	Þ <u>⊕</u>	Ω	۵۹	•	0	20	9	Þe	O	4
	9:											‡o
		ı.			1.							
5th Partial (FlatRaise Slightly)	9: •	#0	•	0	20	9	#0	0	‡e	О	O	‡o
(FlatRaise Slightly)												
4th Partial	0.50	0	Þo	0	20							
(Normal)	9: 70					0	0	20	O	90	O	0
3rd Partial (SharpLower Slightly)	9≔•	o	20	o	Þo	0	е	70	O	20		
snarpLower Stigntly)									8	78	О	#0
2nd Partial	0.											
(Normal)	9: ₀	O	bo	О	Þo	o	0	be	σ	ÞŌ	-	$\overline{\sigma}$
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Fundamental (Normal)	9:											
(INOIHIAI)	<u> </u>	=	þ =	= 1-2	5	=	== 3-4	<u>=</u>	=	<u>=</u>		=
	0	2	1	1-2	2-3	4 1-3	2-4 1-2-3	Compensating: 1-4	Compensating: 1-2-4	Compensating: 2-3-4	Compensating: 1-3-4	Compensating: 1-2-3-4
								Non-Compensating: 1-2-4 1-4	Non-Compensating: 2-3-4	Non-Compensating: 1-3-4	Non-Compensating: 1-2-3-4	Non-Compensating: (Not present. False tone: