

# OEM4 QUICK REFERENCE GUIDE

**Key:** Commands   Logs  

## NovAtel Format Commands

Command	Syntax	ID
ADJUST1PPS	adjust1pps mode [period] [offset]	429
ANTENNAPOWER	antennapower flag	98
ASSIGN	assign channel [state] prn [Doppler [window]]	27
ASSIGNALL	assignall [system] [state] prn [Doppler [window]]	28
ASSIGNLBAND	assignlband mode freq baud	729
AUTH	auth [state] part1 part2 part3 part4 part5 model [date]	49
CLOCKADJUST	clockadjust switch	15
CLOCKCALIBRATE	clockcalibrate mode [period] [width] [slope] [bandwidth]	430
CLOCKOFFSET	clockoffset offset	596
COM	com [port] bps [parity [databits [stopbits [handshake [echo[break]]]]]]	4
COMCONTROL	comcontrol port signal control	431
CSMOOTH	csmooth L1time [L2time]	269
DATUM	datum datum	160
DGPSEPHEMDELAY	dgpsephemdelay delay	142
DGPSTIMEOUT	dgpstimeout delay	127
DGPSTXID	dgpstxid type ID	144
DYNAMICS	dynamics dynamics	258
ECUTOFF	ecutoff angle	50
EXTERNALCLOCK	externalclock clocktype [freq] [h0[h -1[h -2]]]	230
FIX	fix type [param1 [param2 [param3]]]	44

FIXPOSDATUM	fixposdatum datum [lat [lon [height]]]	761
FREQUENCYOUT	frequencyout [switch] [pulsewidth] [period]	232
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GGAQUALITY	ggaquality [#entries] [pos type1] [qual1] [pos type2] [qual2]...	691
HPSEED	hpseed reset lat lon hgt lat $\sigma$ lon $\sigma$ hgt $\sigma$ datum undulation	782
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SETAPPROXTIME	setapproxtime week sec	102
SETNAV	setnav from-lat from-lon to-lat to-lon track offset from-point to-point	162
SETRTCM16	setrtcm16 text	131
STATUSCONFIG	statusconfig type word mask	95
UNASSIGN	unassign channel	29
UNASSIGNALL	unassignall [system]	30
UNDULATION	undulation option [separation]	214
UNLOCKOUT	unlockout prn	138
UNLOCKOUTALL	unlockoutall	139
UNLOG	unlog [port] datatype	36
UNLOGALL	unlogall [port]	38
USERDATUM	userdatum semimajor flattening dx dy dz rx ry rz scale	78
USEREXPDATUM	userexpdatum semimajor flattening dx dy dz rx ry rz scale xvel yvel zvel xvvel yvvel zvvel scalev refdate	783
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## NovAtel Format Logs

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