

Table 2-5. WJ-8615D Configuration Commands and Responses

The following table (Table 2-5) cites examples of commands and responses in ASCII, Hexadecimal and Decimal equivalents. These commands and responses are utilized to configure the receiver to the proper format.

Commands			Responses			Description																											
ASCII	Hex	Dec	ASCII	Hex	Dec																												
BIN		84				Causes all future expected commands to be in binary.																											
	55	85				Causes all future expected commands to be in ASCII. (default)																											
ERR?	65	101				Request error number. Returns 2 right hand digits of error code.																											
FPL	CF	207				Turns front panel display on																											
FPW	D0	208				Turns all display LED's off except "REM". Request current front panel display status (on/off).																											
FPL?	D1	209																															
OPT?	-	-	OPT(a)(a)	-	-	Returns two groups of ASCII characters representing numbers from 0 to 255:																											
						<table border="0"> <thead> <tr> <th>Bit</th> <th>Group 1</th> <th>Group 2</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Not Utilized</td> <td></td> </tr> <tr> <td>1</td> <td></td> <td>HF</td> </tr> <tr> <td>2</td> <td>Not Utilized</td> <td></td> </tr> <tr> <td>3</td> <td></td> <td>FE</td> </tr> <tr> <td>4</td> <td></td> <td>SSB</td> </tr> <tr> <td>5</td> <td></td> <td>BFO</td> </tr> <tr> <td>6</td> <td>Not Utilized</td> <td></td> </tr> <tr> <td>7</td> <td>Test Enabled</td> <td></td> </tr> </tbody> </table>	Bit	Group 1	Group 2	0	Not Utilized		1		HF	2	Not Utilized		3		FE	4		SSB	5		BFO	6	Not Utilized		7	Test Enabled	
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7	Test Enabled																																
RMT	81	129	FPL FPL/	CF D0	207 208	Select remote operation. (Included to allow interface software capability with other WJ-861X Receivers.)																											
RMT/	82	130				De-select remote. (Remote Control remains unchanged).																											
RMT?	83	131	RMT RMT/	81 82	129 130	Requests control mode (Remote/Local).																											
STS(a)	90(b)	144(b)				Sets status byte.																											
				a =		0 - No SRQ sent on signal activity.																											
				a =		1 - SRQ sent on signal activity.																											

Table 2-5. WJ-8615D Configuration Commands and Responses (Cont'd)

Commands			Responses			Description																
ASCII	Hex	Dec	ASCII	Hex	Dec																	
STS?	92	146	STS(a)	90(b)	144(b)	<p>Request device status command.</p> <table border="1"> <thead> <tr> <th>Bit</th> <th>Function</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Signal above COR level.</td> </tr> <tr> <td>1</td> <td>Unit power-up or IEEE-488 DCL or SDC activated SRQ.</td> </tr> <tr> <td>2</td> <td>Not Utilized</td> </tr> <tr> <td>3</td> <td>Not Utilized</td> </tr> <tr> <td>4</td> <td>Receiver responding to query.</td> </tr> <tr> <td>5</td> <td>Unit error activated SRQ. (Cleared by ERR?)</td> </tr> <tr> <td>6</td> <td>SRQ activated by this unit. (Cleared by serial poll followed by STS?)</td> </tr> </tbody> </table>	Bit	Function	0	Signal above COR level.	1	Unit power-up or IEEE-488 DCL or SDC activated SRQ.	2	Not Utilized	3	Not Utilized	4	Receiver responding to query.	5	Unit error activated SRQ. (Cleared by ERR?)	6	SRQ activated by this unit. (Cleared by serial poll followed by STS?)
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VER			VER(a)			<p>Request receiver model and software revision level. Returns in the form: VER 8615 X00000Y.Z.1 where X = letter designation of receiver Y = dash number of receiver Z = software designation 1 = software number</p>																

- (a) - Utilized in a command as an ASCII number or a group of numbers.
- Utilized in a response as a space followed by 3 bytes of ASCII data representing a number.
- (b) - A single byte of binary information.
- () - Represents the default mode.