19 CONTROL COMMAND

Remote control (CI-V) information (Continued)

♦ Command table (Continued)

Ar	Cmd		Data	Description
11.00 to 15.00 MHz band				
15.00 to 20.00 MHz band	1A*	05 0129	p. 19-8	. • •
0131 p. 19-8 Send/read scope edge 2 frequencies for 15.00 to 20.00 MHz band 0132 p. 19-8 Send/read scope edge 1 frequencies for 15.00 to 20.00 MHz band 0133 p. 19-8 Send/read scope edge 1 frequencies for 20.00 to 22.00 MHz band 0134 p. 19-8 Send/read scope edge 2 frequencies for 20.00 to 22.00 MHz band 0135 p. 19-8 Send/read scope edge 3 frequencies for 20.00 to 22.00 MHz band 0136 p. 19-8 Send/read scope edge 3 frequencies for 20.00 to 22.00 to 26.00 MHz band 0137 p. 19-8 Send/read scope edge 2 frequencies for 22.00 to 26.00 MHz band 0138 p. 19-8 Send/read scope edge 3 frequencies for 22.00 to 26.00 MHz band 0139 p. 19-8 Send/read scope edge 3 frequencies for 26.00 to 30.00 MHz band 0140 p. 19-8 Send/read scope edge 3 frequencies for 26.00 to 30.00 MHz band 0141 p. 19-8 Send/read scope edge 3 frequencies for 26.00 to 30.00 MHz band 0142 p. 19-8 Send/read scope edge 3 frequencies for 26.00 to 30.00 MHz band 0142 p. 19-8 Send/read scope edge 1 frequencies for 30.00 to 45.00 MHz band 0143 p. 19-8 Send/read scope edge 1 frequencies for 30.00 to 45.00 MHz band 0144 p. 19-8 Send/read scope edge 2 frequencies for 30.00 to 45.00 MHz band 0144 p. 19-8 Send/read scope edge 2 frequencies for 45.00 to 60.00 MHz band 0144 p. 19-8 Send/read scope edge 2 frequencies for 45.00 to 60.00 MHz band 0145 p. 19-8 Send/read scope edge 2 frequencies for 45.00 to 60.00 MHz band 0146 p. 19-8 Send/read scope edge 2 frequencies for 45.00 to 60.00 MHz band 0147 p. 19-8 Send/read scope edge 3 frequencies for 45.00 to 60.00 MHz band 0149 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0149 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0150 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0150 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0150 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz ba		0130	p. 19-8	. • •
0132 p. 19-8 Send/read scope edge 3 frequencies for 15.00 to 20.00 MHz band 0134 p. 19-8 Send/read scope edge 2 frequencies for 20.00 to 22.00 MHz band 0135 p. 19-8 Send/read scope edge 2 frequencies for 20.00 to 22.00 MHz band 0136 p. 19-8 Send/read scope edge 2 frequencies for 20.00 to 22.00 MHz band 0136 p. 19-8 Send/read scope edge 3 frequencies for 22.00 to 26.00 MHz band 0137 p. 19-8 Send/read scope edge 1 frequencies for 22.00 to 26.00 MHz band 0138 p. 19-8 Send/read scope edge 3 frequencies for 22.00 to 26.00 MHz band 0139 p. 19-8 Send/read scope edge 3 frequencies for 26.00 to 30.00 MHz band 0140 p. 19-8 Send/read scope edge 2 frequencies for 26.00 to 30.00 MHz band 0141 p. 19-8 Send/read scope edge 2 frequencies for 26.00 to 30.00 MHz band 0142 p. 19-8 Send/read scope edge 3 frequencies for 30.00 to 45.00 MHz band 0143 p. 19-8 Send/read scope edge 2 frequencies for 30.00 to 45.00 MHz band 0144 p. 19-8 Send/read scope edge 2 frequencies for 30.00 to 45.00 MHz band 0145 p. 19-8 Send/read scope edge 2 frequencies for 30.00 to 45.00 MHz band 0146 p. 19-8 Send/read scope edge 2 frequencies for 45.00 to 60.00 MHz band 0147 p. 19-8 Send/read scope edge 2 frequencies for 45.00 to 60.00 MHz band 0148 p. 19-8 Send/read scope edge 3 frequencies for 45.00 to 60.00 MHz band 0149 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0140 p. 19-8 Send/read scope edge 3 frequencies for 45.00 to 60.00 MHz band 0141 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0145 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0150 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0160 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0151 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0151 p. 19-8 Send/read s		0131	p. 19-8	Send/read scope edge 2 frequencies for
15.00 to 20.00 MHz band				
0133 p. 19-8 Send/read scope edge 1 frequencies for 20.00 to 22.00 MHz band 0134 p. 19-8 Send/read scope edge 2 frequencies for 20.00 to 22.00 MHz band 0135 p. 19-8 Send/read scope edge 3 frequencies for 20.00 to 22.00 MHz band 0136 p. 19-8 Send/read scope edge 3 frequencies for 22.00 to 26.00 MHz band 0137 p. 19-8 Send/read scope edge 2 frequencies for 22.00 to 26.00 MHz band 0138 p. 19-8 Send/read scope edge 2 frequencies for 22.00 to 26.00 MHz band 0139 p. 19-8 Send/read scope edge 3 frequencies for 26.00 to 30.00 MHz band 0140 p. 19-8 Send/read scope edge 2 frequencies for 26.00 to 30.00 MHz band 0141 p. 19-8 Send/read scope edge 2 frequencies for 26.00 to 30.00 MHz band 0142 p. 19-8 Send/read scope edge 2 frequencies for 30.00 to 45.00 MHz band 0143 p. 19-8 Send/read scope edge 2 frequencies for 30.00 to 45.00 MHz band 0144 p. 19-8 Send/read scope edge 2 frequencies for 30.00 to 45.00 MHz band 0144 p. 19-8 Send/read scope edge 2 frequencies for 30.00 to 45.00 MHz band 0145 p. 19-8 Send/read scope edge 2 frequencies for 45.00 to 60.00 MHz band 0146 p. 19-8 Send/read scope edge 2 frequencies for 45.00 to 60.00 MHz band 0147 p. 19-8 Send/read scope edge 2 frequencies for 45.00 to 60.00 MHz band 0148 p. 19-8 Send/read scope edge 2 frequencies for 60.00 to 74.80 MHz band 0149 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0149 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0150 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0151 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0152 p. 19-8 Send/read scope edge 5 frequencies for 60.00 to 74.80 MHz band 0151 p. 19-8 Send/read scope edge 7 frequencies for 60.00 to 74.80 MHz band 0152 p. 19-8 Send/read scope edge 8 frequencies for 60.00 to 74.80 MHz band 0154 p. 19-8 Send/read s		0132	p. 19-8	' ,
0134 p. 19-8 Send/read scope edge 2 frequencies for 20.00 to 22.00 MHz band 0136 p. 19-8 Send/read scope edge 3 frequencies for 20.00 to 22.00 MHz band 0137 p. 19-8 Send/read scope edge 1 frequencies for 22.00 to 26.00 MHz band 0138 p. 19-8 Send/read scope edge 2 frequencies for 22.00 to 26.00 MHz band 0139 p. 19-8 Send/read scope edge 3 frequencies for 22.00 to 26.00 MHz band 0139 p. 19-8 Send/read scope edge 1 frequencies for 26.00 to 30.00 MHz band 0140 p. 19-8 Send/read scope edge 2 frequencies for 26.00 to 30.00 MHz band 0141 p. 19-8 Send/read scope edge 3 frequencies for 26.00 to 30.00 MHz band 0142 p. 19-8 Send/read scope edge 3 frequencies for 30.00 to 45.00 MHz band 0143 p. 19-8 Send/read scope edge 2 frequencies for 30.00 to 45.00 MHz band 0144 p. 19-8 Send/read scope edge 2 frequencies for 30.00 to 45.00 MHz band 0145 p. 19-8 Send/read scope edge 2 frequencies for 30.00 to 45.00 MHz band 0146 p. 19-8 Send/read scope edge 2 frequencies for 45.00 to 60.00 MHz band 0147 p. 19-8 Send/read scope edge 2 frequencies for 45.00 to 60.00 MHz band 0148 p. 19-8 Send/read scope edge 3 frequencies for 45.00 to 60.00 MHz band 0149 p. 19-8 Send/read scope edge 3 frequencies for 45.00 to 60.00 MHz band 0149 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0149 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0150 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0151 00001 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0150 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0151 00001 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0150 00001 Send/read the Audio FFT scope waveform color 0151 00001 Send/read the Audio FFT scope waveform color 0152 00001 Send/read the Audio FFT scope waveform color 0153 0		0133	p. 19-8	
20.00 to 22.00 MHz band		0134	n 19-8	
20.00 to 22.00 MHz band				20.00 to 22.00 MHz band
22.00 to 26.00 MHz band		0135	p. 19-8	20.00 to 22.00 MHz band
0137 p. 19-8 Send/read scope edge 2 frequencies for 22.00 to 26.00 MHz band 0138 p. 19-8 Send/read scope edge 1 frequencies for 22.00 to 26.00 MHz band 0139 p. 19-8 Send/read scope edge 1 frequencies for 26.00 to 30.00 MHz band 0140 p. 19-8 Send/read scope edge 2 frequencies for 26.00 to 30.00 MHz band 0141 p. 19-8 Send/read scope edge 3 frequencies for 26.00 to 30.00 MHz band 0142 p. 19-8 Send/read scope edge 3 frequencies for 30.00 to 45.00 MHz band 0143 p. 19-8 Send/read scope edge 1 frequencies for 30.00 to 45.00 MHz band 0144 p. 19-8 Send/read scope edge 2 frequencies for 30.00 to 45.00 MHz band 0144 p. 19-8 Send/read scope edge 2 frequencies for 30.00 to 45.00 MHz band 0145 p. 19-8 Send/read scope edge 2 frequencies for 45.00 to 60.00 MHz band 0146 p. 19-8 Send/read scope edge 2 frequencies for 45.00 to 60.00 MHz band 0147 p. 19-8 Send/read scope edge 2 frequencies for 45.00 to 60.00 MHz band 0149 p. 19-8 Send/read scope edge 3 frequencies for 45.00 to 60.00 MHz band 0149 p. 19-8 Send/read scope edge 1 frequencies for 60.00 to 74.80 MHz band 0149 p. 19-8 Send/read scope edge 2 frequencies for 60.00 to 74.80 MHz band 0150 p. 19-8 Send/read scope edge 2 frequencies for 60.00 to 74.80 MHz band 0150 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0150 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0150 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0151 00/01 Send/read audio FFT scope display type (00-Fill, 01=Fill+Line) 0152 p. 19-8 Send/read the Audio FFT scope waveform color 0153 00/01 Send/read readio FFT scope waveform color 0154 00 Normal selection for contest number style 01 "190AND" selection for contest number style 02 "90-ND" selection for contest number style 03 "90-ND" selection for contest number style 04 "90NT" selection for contest number style 05 Send/read count up trigger channel (01=10 Send/re		0136	p. 19-8	. • •
0138 p. 19-8 Send/read scope edge 3 frequencies for 22.00 to 26.00 MHz band		0137	p. 19-8	Send/read scope edge 2 frequencies for
0139 p. 19-8 Send/read scope edge 1 frequencies for 26.00 to 30.00 MHz band		0138	p. 19-8	Send/read scope edge 3 frequencies for
0140 p. 19-8 Send/read scope edge 2 frequencies for 26.00 to 30.00 MHz band		0139	p. 19-8	Send/read scope edge 1 frequencies for
26.00 to 30.00 MHz band		0140	p. 19-8	
26.00 to 30.00 MHz band 0142 p. 19-8 Send/read scope edge 1 frequencies for 30.00 to 45.00 MHz band 0143 p. 19-8 Send/read scope edge 2 frequencies for 30.00 to 45.00 MHz band 0144 p. 19-8 Send/read scope edge 2 frequencies for 30.00 to 45.00 MHz band 0145 p. 19-8 Send/read scope edge 1 frequencies for 45.00 to 60.00 MHz band 0146 p. 19-8 Send/read scope edge 1 frequencies for 45.00 to 60.00 MHz band 0147 p. 19-8 Send/read scope edge 2 frequencies for 45.00 to 60.00 MHz band 0148 p. 19-8 Send/read scope edge 3 frequencies for 45.00 to 60.00 MHz band 0149 p. 19-8 Send/read scope edge 1 frequencies for 60.00 to 74.80 MHz band 0149 p. 19-8 Send/read scope edge 2 frequencies for 60.00 to 74.80 MHz band 0150 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0151 00/01 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0151 00/01 Send/read udio FFT scope display type (00=Fill, 01=Fill+Line) 0152 p. 19-8 Send/read the Audio FFT scope waveform color 0153 00/01 Send/read the Audio FFT scope waveform color 0154 p. 19-8 Send/read the Audio Oscilloscope scope waveform color 0155 00 Normal selection for contest number style 01 "190→AND" selection for contest number style 02 "190→ANT" selection for contest number style 03 "90→NT" selection for contest number style 04 "90→NT" selection for contest number style 04 "90→NT" selection for contest number style 05 Send/read count up trigger channel (01=M1, 02=M2, 03=M3, 04=M4, 05=M5, 06=M6, 07=M7, 08=M8) 0157 0001 to Send/read present number (01=M1, 02=M2, 03=M3, 04=M4, 05=M5, 06=M6, 07=M7, 08=M8) 0158 0000 to Send/read CW side tone gain limit (00=OFF, 01=ON) 0160 01 to 60 Send/read CW keyer repeat time (01=1 sec. to 60=60 sec.) 0161 28 to 45 Send/read CW keyer fot/dash ratio (28=1:1:2.8 to 45=1:1:4.5) 0162 00 to 03 Send/read ise time (00=2 msec., 01=4 msec., 02=6 msec.,				26.00 to 30.00 MHz band
30.00 to 45.00 MHz band			<u>'</u>	26.00 to 30.00 MHz band
30.00 to 45.00 MHz band		0142	p. 19-8	. • •
0144 p. 19-8 Send/read scope edge 2 frequencies for 30.00 to 45.00 MHz band 0145 p. 19-8 Send/read scope edge 1 frequencies for 45.00 to 60.00 MHz band 0146 p. 19-8 Send/read scope edge 2 frequencies for 45.00 to 60.00 MHz band 0147 p. 19-8 Send/read scope edge 3 frequencies for 45.00 to 60.00 MHz band 0148 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0149 p. 19-8 Send/read scope edge 2 frequencies for 60.00 to 74.80 MHz band 0150 p. 19-8 Send/read scope edge 2 frequencies for 60.00 to 74.80 MHz band 0151 00/01 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0151 00/01 Send/read audio FFT scope display type (00=Fill, 01=Fill+Line) 0152 p. 19-8 Send/read the Audio FFT scope waveform color 0153 00/01 Send/read the Audio FFT scope waveform color 0154 p. 19-8 Send/read the Audio Oscilloscope scope waveform color 0155 00 Normal selection for contest number style 01 "190→ANO" selection for contest number style 02 "190→ANT" selection for contest number style 03 "90→NO" selection for contest number style 04 "90→NT" selection for contest number style 056 01 to 08 Send/read count up trigger channel (01=M1, 02=M2, 03=M3, 04=M4, 05=M5, 06=M6, 07=M7, 08=M8) 0157 0001 to Send/read CW side tone gain (00=0) 0001=1 to 9999=9999) 0158 0000 to Send/read CW side tone gain limit (00=0FF, 01=0N) 0160 01 to 60 Send/read CW keyer repeat time (01=1 sec. to 60=60 sec.) 0161 28 to 45 Send/read CW keyer repeat time (01=1 sec. to 60=60 sec.)		0143	p. 19-8	
0145 p. 19-8 Send/read scope edge 1 frequencies for 45.00 to 60.00 MHz band		0144	p. 19-8	Send/read scope edge 2 frequencies for
0146 p. 19-8 Send/read scope edge 2 frequencies for 45.00 to 60.00 MHz band		0145	p. 19-8	Send/read scope edge 1 frequencies for
0147 p. 19-8 Send/read scope edge 3 frequencies for 45.00 to 60.00 MHz band 0148 p. 19-8 Send/read scope edge 1 frequencies for 60.00 to 74.80 MHz band 0149 p. 19-8 Send/read scope edge 2 frequencies for 60.00 to 74.80 MHz band 0150 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0151 00/01 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0151 00/01 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0151 00/01 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0151 00/01 Send/read scope edge 3 frequencies for 60.00 the first scope waterfall display (00=FT scope waterfall first scope waterfall display frequencies for 60.00 the first scope waterfall display frequencies for 60.00 the first scope waterfall display (00=FF, 01=ON) 0153 00/01 Send/read the Audio FFT scope waterfall display (00=FF, 01=ON) 0154 p. 19-8 Send/read the Audio Oscilloscope scope waveform color 0155 00 Normal selection for contest number style on for contest number style on for selection for		0146	p. 19-8	Send/read scope edge 2 frequencies for
0148 p. 19-8 Send/read scope edge 1 frequencies for 60.00 to 74.80 MHz band 0149 p. 19-8 Send/read scope edge 2 frequencies for 60.00 to 74.80 MHz band 0150 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0151 00/01 Send/read audio FFT scope display type (00=Fill, 01=Fill+Line) 0152 p. 19-8 Send/read the Audio FFT scope waveform color 0153 00/01 Send/read the Audio FFT scope waterfall display (00=OFF, 01=ON) 0154 p. 19-8 Send/read the Audio Oscilloscope scope waveform color 0155 00 Normal selection for contest number style 01 "190→ANO" selection for contest number style 02 "190→ANT" selection for contest number style 03 "90→NO" selection for contest number style 04 "90→NT" selection for contest number style 0156 01 to 08 Send/read count up trigger channel (01=M1, 02=M2, 03=M3, 04=M4, 05=M5, 06=M6, 07=M7, 08=M8) 0157 0001 to Send/read CW side tone gain limit (000=0% to 0255=100%) 0158 0000 to Send/read CW side tone gain limit (000=O		0147	p. 19-8	Send/read scope edge 3 frequencies for
0149 p. 19-8 Send/read scope edge 2 frequencies for 60.00 to 74.80 MHz band 0150 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0151 00/01 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0151 00/01 Send/read sudio FFT scope display type (00=FIII, 01=FIII+Line) 0152 p. 19-8 Send/read the Audio FFT scope waveform color 0153 00/01 Send/read the Audio Oscilloscope scope waveform color 0154 p. 19-8 Send/read the Audio Oscilloscope scope waveform color 0155 00 Normal selection for contest number style 01 "190→ANO" selection for contest number style 02 "490→ANT" selection for contest number style 03 "90→NO" selection for contest number style 04 "90→NT" selection for contest number style 0156 01 to 08 Send/read count up trigger channel (01=M1, 02=M2, 03=M3, 04=M4, 05=M5, 06=M6, 07=M7, 08=M8) 0157 0001 to Send/read CW side tone gain (0001=1 to 9999=9999) 0158 0000 to Send/read CW side tone gain limit (00=CF, 01=ON) 0159 00/01		0148	p. 19-8	Send/read scope edge 1 frequencies for
0150 p. 19-8 Send/read scope edge 3 frequencies for 60.00 to 74.80 MHz band 0151 00/01 Send/read audio FFT scope display type (00=Fill, 01=Fill+Line) 0152 p. 19-8 Send/read the Audio FFT scope waveform color 0153 00/01 Send/read the Audio FFT scope waterfall display (00=OFF, 01=ON) 0154 p. 19-8 Send/read the Audio Oscilloscope scope waveform color 0155 00 Normal selection for contest number style 01 "190→ANO" selection for contest number style 02 "190→ANO" selection for contest number style 03 "90→NO" selection for contest number style 04 "90→NT" selection for contest number style 0156 01 to 08 Send/read count up trigger channel (01=M1, 02=M2, 03=M3, 04=M4, 05=M5, 06=M6, 07=M7, 08=M8) 0157 0001 to Send/read present number 9999 (0001=1 to 9999=9999) 0158 0000 to Send/read CW side tone gain (000=OFF, 01=ON) 0160 01 to 60 Send/read CW side tone gain limit (00=OFF, 01=ON) 0161 28 to 45 Send/read CW keyer repeat time (01=1 sec. to 60=60 sec.) 0162 00 to 03 Send/read rise time (00=2 msec., 01=4 msec., 02=6 msec.,		0149	p. 19-8	Send/read scope edge 2 frequencies for
0151 00/01 Send/read audio FFT scope display type (00=Fill, 01=Fill+Line) 0152 p. 19-8 Send/read the Audio FFT scope waveform color 0153 00/01 Send/read the Audio FFT scope waterfall display (00=OFF, 01=ON) 0154 p. 19-8 Send/read the Audio Oscilloscope scope waveform color 0155 00 Normal selection for contest number style 01 "190→ANO" selection for contest number style 02 "190→ANT" selection for contest number style 03 "90→NT" selection for contest number style 04 "90→NT" selection for contest number style 0156 01 to 08 Send/read count up trigger channel (01=M1, 02=M2, 03=M3, 04=M4, 05=M5, 06=M6, 07=M7, 08=M8) 0157 0001 to Send/read present number (0001=1 to 9999=9999) 0158 0000 to Send/read CW side tone gain (000=OFF, 01=ON) 0160 01 to 60 Send/read CW keyer repeat time (01=1 sec. to 60=60 sec.) 0161 28 to 45 Send/read rise time (00=2 msec., 01=4 msec., 02=6 msec.,		0150	p. 19-8	Send/read scope edge 3 frequencies for
0152 p. 19-8 Send/read the Audio FFT scope waveform color 0153 00/01 Send/read the Audio FFT scope waterfall display (00=OFF, 01=ON) 0154 p. 19-8 Send/read the Audio Oscilloscope scope waveform color 0155 00 Normal selection for contest number style 01 "190→ANO" selection for contest number style 02 "190→ANT" selection for contest number style 03 "90→NO" selection for contest number style 04 "90→NT" selection for contest number style 0156 01 to 08 Send/read count up trigger channel (01=M1, 02=M2, 03=M3, 04=M4, 05=M5, 06=M6, 07=M7, 08=M8) 0157 0001 to Send/read present number 9999 (0001=1 to 9999=9999) 0158 0000 to Send/read CW side tone gain (0000=0% to 0255=100%) 0159 00/01 Send/read CW side tone gain limit (00=OFF, 01=ON) 0160 01 to 60 Send/read CW keyer repeat time (01=1 sec. to 60=60 sec.) 0162 00 to 03 Send/read rise time (00=2 msec., 01=4 msec., 02=6 msec.,		0151	00/01	Send/read audio FFT scope display type
0153 00/01 Send/read the Audio FFT scope waterfall display (00=OFF, 01=ON) 0154 p. 19-8 Send/read the Audio Oscilloscope scope waveform color 0155 00 Normal selection for contest number style 01		0152	p. 19-8	Send/read the Audio FFT scope waveform
0154 p. 19-8 Send/read the Audio Oscilloscope scope waveform color		0153	00/01	Send/read the Audio FFT scope waterfall
0155 00 Normal selection for contest number style 01 "190→ANO" selection for contest number style 02 "190→ANT" selection for contest number style 03 "90→NO" selection for contest number style 04 "90→NT" selection for contest number style 0156 01 to 08 Send/read count up trigger channel (01=M1, 02=M2, 03=M3, 04=M4, 05=M5, 06=M6, 07=M7, 08=M8) 04=M4, 05=M5, 06=M6, 07=M7, 08=M8 0157 0001 to Send/read present number (0001=1 to 9999=9999) 0158 0000 to Send/read CW side tone gain (000=0% to 0255=100%) 0159 00/01 Send/read CW side tone gain limit (00=OFF, 01=ON) 0160 01 to 60 Send/read CW keyer repeat time (01=1 sec. to 60=60 sec.) 0161 28 to 45 Send/read CW keyer dot/dash ratio (28=1:1:2.8 to 45=1:1:4.5) 0162 00 to 03 Send/read rise time (00=2 msec., 01=4 msec., 02=6 msec.,		0154	p. 19-8	Send/read the Audio Oscilloscope scope
01 "190→ANO" selection for contest number style 02 "190→ANT" selection for contest number style 03 "90→NO" selection for contest number style 04 "90→NT" selection for contest number style 0156 01 to 08 Send/read count up trigger channel (01=M1, 02=M2, 03=M3, 04=M4, 05=M5, 06=M6, 07=M7, 08=M8) 0157 0001 to Send/read present number (0001=1 to 9999=9999) 0158 0000 to Send/read CW side tone gain (0255 (0000=0% to 0255=100%) 0159 00/01 Send/read CW side tone gain limit (00=OFF, 01=ON) 0160 01 to 60 Send/read CW keyer repeat time (01=1 sec. to 60=60 sec.) 0161 28 to 45 Send/read cW keyer dot/dash ratio (28=1:1:2.8 to 45=1:1:4.5) 0162 00 to 03 Send/read rise time (00=2 msec., 01=4 msec., 02=6 msec.,		0455	00	
02 "190→ANT" selection for contest number style		0155	1	
03 "90→N0" selection for contest number style 04 "90→NT" selection for contest number style 0156 01 to 08 Send/read count up trigger channel (01=M1, 02=M2, 03=M3, 04=M4, 05=M5, 06=M6, 07=M7, 08=M8) 0157 0001 to Send/read present number (0001=1 to 9999=9999) 0158 0000 to Send/read CW side tone gain (0000=0% to 0255=100%) 0159 00/01 Send/read CW side tone gain limit (00=OFF, 01=ON) 0160 01 to 60 Send/read CW keyer repeat time (01=1 sec. to 60=60 sec.) 0161 28 to 45 Send/read CW keyer dot/dash ratio (28=1:1:2.8 to 45=1:1:4.5) 0162 00 to 03 Send/read rise time (00=2 msec., 01=4 msec., 02=6 msec.,		-		
04			i	
0156		-		
06=M6, 07=M7, 08=M8) 0157 0001 to Send/read present number (0001=1 to 9999=9999) 0158 0000 to Send/read CW side tone gain (0000=0% to 0255=100%) 0159 00/01 Send/read CW side tone gain limit (00=OFF, 01=ON) 0160 01 to 60 Send/read CW keyer repeat time (01=1 sec. to 60=60 sec.) 0161 28 to 45 Send/read CW keyer dot/dash ratio (28=1:1:2.8 to 45=1:1:4.5) 0162 00 to 03 Send/read rise time (00=2 msec., 01=4 msec., 02=6 msec.,		0156	i 	
0157 0001 to 9999 Send/read present number (0001=1 to 9999=9999) 0158 0000 to 0000 to 0255 (0000=0% to 0255=100%) 0159 00/01 Send/read CW side tone gain limit (00=0FF, 01=0N) 0160 01 to 60 Send/read CW keyer repeat time (01=1 sec. to 60=60 sec.) 0161 28 to 45 Send/read CW keyer dot/dash ratio (28=1:1:2.8 to 45=1:1:4.5) 0162 00 to 03 Send/read rise time (00=2 msec., 01=4 msec., 02=6 msec.,				l' i i i i i i i i i i i i i i i i i i i
0158 0000 to Send/read CW side tone gain (0000=0% to 0255=100%) 0159 00/01 Send/read CW side tone gain limit (00=OFF, 01=ON) 0160 01 to 60 Send/read CW keyer repeat time (01=1 sec. to 60=60 sec.) 0161 28 to 45 Send/read CW keyer dot/dash ratio (28=1:1:2.8 to 45=1:1:4.5) 0162 00 to 03 Send/read rise time (00=2 msec., 01=4 msec., 02=6 msec.,		0157		Send/read present number
0159 00/01 Send/read CW side tone gain limit (00=OFF, 01=ON) 0160 01 to 60 Send/read CW keyer repeat time (01=1 sec. to 60=60 sec.) 0161 28 to 45 Send/read CW keyer dot/dash ratio (28=1:1:2.8 to 45=1:1:4.5) 0162 00 to 03 Send/read rise time (00=2 msec., 01=4 msec., 02=6 msec.,		0158	0000 to	Send/read CW side tone gain
0160		0159	î	Send/read CW side tone gain limit
(01=1 sec. to 60=60 sec.) 0161		0160	01 to 60	(00=OFF, 01=ON)
(28=1:1:2.8 to 45=1:1:4.5) 0162 00 to 03				(01=1 sec. to 60=60 sec.)
(00=2 msec., 01=4 msec., 02=6 msec.,				(28=1:1:2.8 to 45=1:1:4.5)
		0162	00 to 03	
				l'i

Cmd.	Sub	cmd.	Data	Description
1A*	-	0163	00/01	Send/read paddle polarity
				(00=Normal, 01=Reverse)
		0164	00 to 02	Send/read keyer type
		0405	00/04	(00=Straight, 01=Bug, 02=Paddle)
		0165	00/01	Send/read mic. up/down keyer set
	H	0166	00 to 03	(00=OFF, 01=ON) Send/read avaraging function for RTTY FFT
		0100	00 10 03	scope (00=OFF, 01=2, 02=3, 03=4)
	İ	0167	p. 19-8	Send/read RTTY FFT scope waveform color
		0168	00/01	Send/read RTTY decode USOS
				(00=OFF, 01=ON)
		0169	00/01	Send/read RTTY decode new line code (00=CR,LF,CR+LF, 01=CR+LF)
		0170	00/01	Send/read RTTY TX USOS (00=OFF, 01=ON)
		0171	p. 19-8	Send/read received RTTY text font color
		0172	p. 19-8	Send/read transmitted RTTY text font color
		0173	00/01	Send/read RTTY log function (00=OFF, 01=ON)
		0174	00/01	Send/read file saving format for the RTTY log (00=Text, 01=HTML)
		0175	00/01	Send/read RTTY time stamp set (00=OFF, 01=ON)
		0176	00/01	Send/read RTTY Decode Log Time Stamp
		0177	00/04	(00=Local, 01=UTC) Send/read RTTY frequency stamp
		0177	00/01	(00=OFF, 01=ON)
		0178	00/01	Send/read scan speed (00=Low, 01=High)
		0179	00/01	Send/read scan resume (00=OFF, 01=ON)
		0180	00/01	Send/read auto monitor function setting when
				transmitting a recorded voice memory (00=OFF, 01=ON)
		0181	01/15	Send/read repeat interval to transmit recorded
				voice audio
				(01=1 sec. to 15=15 sec.)
		0182	00/01	Send/read recording mode for QSO recorder
		0183	00/01	(00=TX&RX, 01=RX Only) Send/read recording TX audio for QSO
		0.00	00/01	recorder
		0184	00/01	(00=Microphone audio, 01=TX monitor audio) Send/read squelch relation to recording
		0104	00/01	RX audio for QSO recorder
				(00=Always, 01=Squelch Auto)
	İ	0185	00/01	Send/read QSO record file split function
				setting (00=OFF, 01=ON)
		0186	00/01	Send/read PTT Automatic Recording function setting (00=OFF, 01=ON)
	İ	0187	00 to 03	Send/read RX audio recording status for PTT
				Automatic Recording function
				(00=OFF (records no RX audio),
				01=Records the RX audio just before 5 sec.,
				02=Records the RX audio just before 10 sec.,
		0188	00 to 03	03=Records the RX audio just before 15 sec.) Send/read QSO PLAY Skip time
		U 100	100 10 03	(00=3 sec., 01=5 sec., 02=10 sec., 03=30 sec.)
		0189	00 to 09	Send/read NB depth (00=1 to 09=10)
		0190	0000 to 0255	Send/read NB width (0000=1 to 0255=100)
		0191	00 to 20	Send/read VOX delay (00=0.0 sec. to 20=2.0 sec.)
		0192	00 to 03	Send/read VOX voice delay
		0193	00/01	(00=OFF, 01=Short, 02=Mid., 03=Long) Send/read the MF band attenuator setting
	Ш			(00=OFF, 01=ON)
	06		p. 19-9	Send/read DATA mode setting
	07		00/01	Send/read IP+ function setting (00=OFF, 01=ON)
1B*	00		p. 19-11	Send/read repeater tone frequency
	01		p. 19-11	Set/read TSQL tone frequency