

## 6-3 RECEIVER ADJUSTMENT

ADJUSTMENT	ADJUSTMENT CONDITIONS	MEASUREMENT		VALUE	ADJUSTMENT POINT		
		UNIT	LOCATION		UNIT	ADJUST	
2nd LO OUTPUT	1	<ul style="list-style-type: none"> <li>• Frequency display : 8.00000 MHz</li> <li>• USB mode</li> </ul>	MAIN	Connect the RF voltmeter to R297.	Maximum level (+1~7 dBm)	MAIN	L37, L38
IF SHIFT FREQUENCY	1	<ul style="list-style-type: none"> <li>• Frequency display : 14.1000 MHz</li> <li>• USB mode</li> <li>• [IF SHIFT] switch : ON</li> <li>• [IF SHIFT] control : Center</li> <li>• Receiving</li> </ul>	MAIN	Connect the frequency counter to W236.	9.4665 MHz	MAIN	L16
	2	<ul style="list-style-type: none"> <li>• [IF SHIFT] switch : OFF</li> </ul>			9.4665 MHz		R201
	3	<ul style="list-style-type: none"> <li>• CW NARROW mode</li> </ul>			9.4656 MHz		R204
	4	<ul style="list-style-type: none"> <li>• RTTY NARROW mode</li> </ul>			9.4656 MHz ± 30 Hz		Verify
	5	<ul style="list-style-type: none"> <li>• FM or AM mode</li> </ul>			9.4650 MHz ± 300 Hz		Verify
BFO FREQUENCY	1	<ul style="list-style-type: none"> <li>• Frequency display : 14.1000 MHz</li> <li>• USB mode</li> <li>• Receiving</li> </ul>	MAIN	Connect the frequency counter to CP1.	9.01300 MHz	MAIN	C42
	2	<ul style="list-style-type: none"> <li>• LSB mode</li> </ul>			9.01000 MHz		C45
	3	<ul style="list-style-type: none"> <li>• CW mode</li> <li>• [CW PITCH] control: Center</li> </ul>			9.00990 MHz		C307
	4	<ul style="list-style-type: none"> <li>• RTTY mode</li> </ul>			9.008475 MHz		L5
	5	<ul style="list-style-type: none"> <li>• AM mode</li> </ul>			No output		Verify
	6	<ul style="list-style-type: none"> <li>• FM mode</li> </ul>					
	7	<ul style="list-style-type: none"> <li>• USB mode</li> <li>• Transmitting</li> </ul>			9.01300 MHz		Verify
	8	<ul style="list-style-type: none"> <li>• LSB mode</li> </ul>			9.01000 MHz		
	9	<ul style="list-style-type: none"> <li>• CW mode</li> </ul>			No output		
	10	<ul style="list-style-type: none"> <li>• RTTY mode</li> </ul>			9.008475 MHz		
	11	<ul style="list-style-type: none"> <li>• AM mode</li> </ul>			9.01000 MHz		
	12	<ul style="list-style-type: none"> <li>• FM mode</li> </ul>			No output		
NOTE: Repeat adjustments 1 through 12 several times.							
TOTAL GAIN	1	<ul style="list-style-type: none"> <li>• Frequency display : 14.10000 MHz</li> <li>• USB mode</li> <li>• R414 : Max. CW</li> <li>• [RF] control : Max. CW</li> <li>• [PRE/ATT] switch : OFF</li> <li>• [CW 250 Hz] switch: OFF</li> <li>• [NOTCH] switch : OFF</li> <li>• [IF SHIFT] control : Center</li> <li>• [RX TONE] control : Center</li> <li>• [SQL] control : Max. CCW</li> <li>• [AGC] switch : FAST</li> <li>• [RIT] switch : OFF</li> <li>• [NB] switch : OFF</li> <li>• Receiving</li> </ul>	MAIN	Connect the digital DC voltmeter to L20.	3.9 V	MAIN	R435