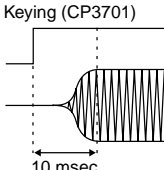


## TRANSMITTER ADJUSTMENTS—continued

ADJUSTMENT		ADJUSTMENT CONDITION	MEASUREMENT		VALUE	ADJUSTMENT POINT	
			UNIT	LOCATION		UNIT	ADJUST
CARRIER SUPPRESSION	1	<ul style="list-style-type: none"> <li>• Display frequency: 14.10000 MHz</li> <li>• Mode : USB</li> <li>• Mic gain : Minimum (0)</li> <li>• Apply no audio signals to [MIC] connector.</li> <li>• Transmitting</li> </ul>	Rear panel	Connect a spectrum analyzer to the [ANT] connector through an attenuator.	Minimum carrier level	MAIN	R2303
AM CARRIER	1	<ul style="list-style-type: none"> <li>• Display frequency: 14.10000 MHz</li> <li>• Mode : AM</li> <li>• RF power : Maximum (H)</li> <li>• Mic gain : Minimum (0)</li> <li>• R2321 (MAIN unit): Center</li> <li>• R2385 (MAIN unit): Center</li> <li>• Apply no audio signals to [MIC] connector.</li> <li>• Transmitting</li> </ul>	Rear panel	Connect an RF power meter to [ANT] connector.	40 W	MAIN	R1730
AM MODULATION	1	<ul style="list-style-type: none"> <li>• Display frequency: 14.10000 MHz</li> <li>• Mode : AM</li> <li>• RF power : Maximum (H)</li> <li>• Mic gain : Center (50)</li> <li>• R2385 (MAIN unit): Center</li> <li>• Connect an audio generator to [MIC] connector and set as: Frequency : 1 kHz Level : 30 mVrms</li> <li>• Transmitting</li> </ul>	Rear panel	Connect a modulation analyzer to the [ANT] connector through an attenuator.	90% modulation	MAIN	R2321
	2	<ul style="list-style-type: none"> <li>• Set an AG as: Frequency : 1 kHz Level : 3 mVrms</li> <li>• Transmitting</li> </ul>			70% modulation		Verify
CW CARRIER	1	<ul style="list-style-type: none"> <li>• Display frequency: 14.10000 MHz</li> <li>• Mode : CW</li> <li>• RF power : Maximum (H)</li> <li>• Connect a keyer to the [KEY] jack.</li> <li>• Key down (transmitting)</li> </ul>	MAIN	Connect an oscilloscope to CP3701 and [ANT] connector.	Adjust as follows:  	MAIN	R3703