

WM-5225 、 WM-5265 、 WM-5325 Adjusting Procedures

Test frequency

AB→722.0MHz

CD→830.0MHz

EF→668.0MHz

GH→606.0MHz

(1)Transmission frequency adjustment

Connect RF output to a frequency counter ,then rotate the TC1 so that the transmission frequency can be adjusted with in $\pm 1\text{kHz}$ for the nominal value at no modulation.

(2)RF output adjustment

Connect RF output to a power meter ,then rotate the VR4 so that RF output can be adjusted to power at no modulation..

WM-5225 AB/CD/EF/GH 10.0+1mW-2 mW

WM-5265 AB/CD/EF/GH 10.0+1mW-2 mW

WM-5325 AB/EF/GH 10.0+1mW-2 mW

WM-5325 CD 8.0+0.5mW-0.5 mW

(3)Maximum deviation adjustment

Connect RF output to a modulation analyzer ,then adjust the VR1 so that frequency deviation except tone signal becomes in the range of $\pm 40\pm 0.2\text{kHz}$ when modulation signal below is input from Mic input (LPF:20kHz,P-P/2)

• Modulation signal WM-5225:1kHz-14dBV , WM-5265:1kHz,-18dBV , WM-5325:1kHz,-28dBV