General Specification For Transmitter

Information on the equipment

Equipment identification	FCC ID : A6RMCX2000A , IC No. : 740B-MCX2000A
Intended use / Purpose of the	Transmission and reception of music data
equipment	
Brand Name	YAMAHA
Model (Type designation)	MCX-2000
Mode of Operation	☐ Transmitter ☐ Receiver ■ Transceiver
	☐ Simplex ■ Half/Full
Frequency of operation	2417 – 2457MHz
Frequency band	Lower limit 802.11b/g 2400 MHz
	Upper limit 802.11b/g 2483.5MHz
	Band width 802.11b/g 17MHz
Maximum transmitter output power	11b:16dBm / 11g:20dBm
Number of channels and channel spacing	802.11b/g : 2-10ch , 5MHz
Modulation	BPSK, QPSK, CCK, OFDM
Information on antenna	Metal plate antenna , λ /2 dipole antenna
Method of Frequency Generation	■Crystal ■ Synthesizer □ Other ()
Duty cycle (if applicable)	Very High(Up to 100%)
Transmission time per 1 cycle	
Intermission time per 1 cycle	
Continuous time including intermissions	
Power supply	AC 120V / 60Hz
Antenna gain	Metal plate antenna : 3.0dBi , $~\lambda$ /2 dipole antenna : 2.15dBi
Operating temperature range	+5 \sim +35 degree.C.
Designation of Emission (ITU code)	G1D
Channel Access Protocol (if applicable)	MCX-2000 W_LAN setup utility