

SPECIFICATIONS

GENERAL

Frequency coverage:

*143.500–148.500 MHz

Modes of operation:

SSB (USB, LSB), CW, and FM

Synthesizer steps:

SSB, CW 10 Hz, 100 Hz, 1 kHz

*FM 1 kHz, 20 kHz, 100 kHz

Power requirements:

13.8 volts DC, negative ground

Current consumption:

DC 0.5 amps receive

DC 3.0 amps transmit

Antenna impedance:

50 ohms

Case size:

60 (H) x 180 (W) x 240 (D) mm

Weight:

Approx. 2.9kg

TRANSMITTER

Power input:

SSB 30 watts PEP

FM/CW 30 watts DC

Carrier suppression:

Better than 40 dB

Unwanted sideband suppression:

Better than 40 dB

Spurious emission (SSB):

At least 60 dB down

Frequency response:

300–2700 Hz (–6 dB)

FM Deviation:

±5 kHz

Microphone impedance:

600 ohms

RECEIVER

Sensitivity:

SSB, CW 0.5 μ V for 20 dB S/N

FM 0.35 μ V for 20 dB QS

Selectivity:

SSB, CW 2.4 kHz at 6 dB down

4.1 kHz at 60 dB down

FM 14 kHz at 6 dB down

25 kHz at 60 dB down

Image response:

Better than –60 dB

Audio output impedance:

8 ohms nominal

Audio output:

2.0 watts @ 10% THD

* USA Model (Model A)

Model	Frequency Range (MHz)	Synthesizer Steps (Hz)						Tone Burst Frequency (Hz)	Preset Frequency (MHz)
		SSB, CW			FM				
		S	M	F	S	M	F		
A	143.5–148.5	10	100	1K	1K	20K	100K	1800	147.00
B	144.0–146.0	10	100	1K	1K	25K	100K	1750	145.00
C	143.5–148.5	10	100	1K	1K	25K	100K	1750	147.00
D	144.0–146.0	10	100	1K	1K	12.5K	25K	1750	145.00
E	143.5–148.5	10	100	1K	1K	12.5K	25K	1750	147.00

FT-480R Model Chart