VADER (SR21A-01A) SPECIFICATIONS

GENERAL

FREQUENCY RANGE 150-174MHz (AUTO TUNING)

FREQUENCY STEP 25KHz (12.5KHz:OPTION)

NUNBER OF GROUP 15 and 1PRIORITY

FREQUENCY STABILITY ± 5ppm

OPERATION SIMPLEX/SEMI DUPLEX

MODURATION DIRECT FM

ANTENNA IMPEDANCE 50 ohm

TEMPERATURE RANGE -30° C to +60° C

POWER REQUIREMENTS AAx6pcs (9V)

ALKALINE DRY CELL

BATTARY LIFE TIME 8h(1:1:8) AT 1W RF OUTPUT

WATERPROOF IP64

MAIN PROGRAMMABLE ITEMS TX RX FREQUENCY

SCANING ON/OFF

ID CODE

TIME-OUT TIMER (TOT) SCRAMBLE ON/OFF

PROGRAMMING INTERFACE RS-232C

PROGRAMMING SOFTWEAR HYPER TERMINAL

ORIGINAL SOFTWARE FOR WINDOWS

DIMENSIONS 170Hx70Wx43D(mm)

without antenna

WEIGHT APPROX. 520g with battery

RADIO REGULATORY DIVISION FCC PART 15, PART 90

RECEIVER

SENSITIVITY -117dBm for 12dB SINAD

RSSI SENSIVITY -110dBm

SELECTIVITY Better than 60dB

SPRIOUS RESPONSE Better than 60dB

IMAGE REJECTION Better than 60dB

INTERMODULATION Better than 60dB

S/N Better than 40dB

SCANNING SPEED APPROX 30CH/Sec

VOX DELAY 0.5Sec

1st IF FREQUENCY 21.7MHz

2nd IF FREQUENCY 455KHz

TRANSMITTER

RF OUTPUT POWER 100mW/1W

SPRIOUS EMISSIONS Better than -60dBc

MAXIMAM DEVIATION ± 5KHz

MICROPHONE BONE CONDUCTION TYPE

FM NOISE Better than 40dB