
1. Specification

1-1. General

ITEM	CDMA
Tx Freq. range	824 ~ 849MHz
Rx Freq. range	869 ~ 894MHz
Channel Bandwidth	1.23MHz
Channel Spacing	30KHz
Number of Channel	20FA
Duplex Separation	45MHz
Type of Emission	1M25F9W
In/Output Impedance	50 Ohm
Tx Intermediate Freq.	Not used(Zero IF)
Rx Intermediate Freq.	Not used(Zero IF)
Tx Local Freq.	$TXLO = TX \times 5/3$
Rx Local Freq	$RXLO = RX \times 2$
TCXO freq.	19.20MHz
Freq. Stability	$(F_{RX} - 45MHz) \pm 300Hz$
Operating Temperature	-30deg ~ +50deg
Supply Voltage	3.7V
Size and Weight	STD : 800 mAh

1-2. 800MHz CDMA

GENERAL

Frequency Range

- . Transmitter : 824 ~ 849MHz
- . Receiver : 869 ~ 894MHz

Channel Bandwidth : 1.23MHz

Channel Spacing : 30kHz

Number of Channels : 20FA

Duplex Separation : 45 MHz

Type of Emission : 1M25F9W

Input/Output Impedance : 50 ohms

Local Frequency

- . Transmitter : $TXLO = TX \times 5/3$
- . Receiver : $RXLO = RX \times 2$

TCXO Frequency : 19.20MHz

Frequency Stability : $(F_{RX} - 45\text{MHz}) \pm 300\text{Hz}$

Operation Temperature : -30°C ~ +50°C

Supply Voltage : +4.0V

TRANSMITTER

Waveform Quality : 0.944 or more

Open Loop Power Control Range

- . -25dBm : -57.5dBm ~ -38.5dBm
- . -65dBm : -17.5dBm ~ +1.5dBm
- . -93.5dBm : +10.5dBm ~ +29.5dBm

