

1-1 GENERAL

Frequency Range	Digital Only Mode
Transmitter	824 ~ 849 MHz
Receiver	869 ~ 894 MHz
Channel Spacing	1.23 MHz
Number of Channels	20 FA
Duplex Spacing	45 MHz
Frequency Stability	+ 2.5 ppm (-20~ +60 , -4~ +140)
Operating Temperature	-20~ +60 (-4~ +140)
Operating Voltage	3.6V DC (10%)
HHP	13.7V DC (10%)
Hands-Free	
Size and Weight	118.2 x 50 x 26 / 29 mm
Including standard battery	167g
Including long life battery	186g
Operating Time	Digital Mode
Standby Time	61 ~ 70 hours (with standard battery) 100 ~ 110 hours (with long life battery)
Talk Time	up to 150 minutes (with standard battery) up to 240 minutes (with long life battery)

1-2 DIGITAL MODE

Waveform Quality	0.944 or more
Time Reference	1uS or less
Rx Sensitivity and Dynamic Range	-104dBm, FER=0.5% or less -25dBm, FER=0.5% or less
Tx Output Power	460mW (26.6dBm)
Tx Frequency Deviation	300Hz or less
Occupied Band Width	1.32MHz
Tx Conducted Spurious Emission	900KHz : -42dBc / 30KHz below 1.98MHz: -54dBc / 30KHz below
Minimum Tx Power Control	below -50dBm
Open Loop Power Control	-25dBm: -57.0dBm ~ -38.5dBm -65dBm: -17.5dBm ~ + 1.5dBm -104dBm: +18.0dBm ~ +30.0dBm
Standby Output Power	below -61dBm
Closed Loop Tx Power Control Range	Test1: 24dB or less Test2: 0mS ~ 2.5mS Test3: 24dB or more Test4: 24dB or more Test5: 24dB or more

1-3 FREQUENCY RANGE

Transmitter Frequency

FA NO.	AMPS CH NO.	Center Frequency	FA NO.	AMPS CH NO.	Center Frequency
1	1011	824.640MHz	11	404	837.120MHz
2	29	825.870MHz	12	445	838.350MHz
3	70	827.100MHz	13	486	839.580MHz
4	111	828.330MHz	14	527	840.810MHz
5	152	829.560MHz	15	568	842.04MHz
6	193	830.790MHz	16	609	843.270MHz
7	234	832.020MHz	17	650	844.500MHz
8	275	833.250MHz	18	697	845.910MHz
9	316	834.480MHz	19	738	847.140MHz
10	363	835.890MHz	20	779	848.370MHz

Receiver Frequency

FA NO.	AMPS CH NO.	Center Frequency	FA NO.	AMPS CH NO.	Center Frequency
1	1011	869.640MHz	11	404	882.120MHz
2	29	870.870MHz	12	445	883.350MHz
3	70	872.100MHz	13	486	884.580MHz
4	111	873.330MHz	14	527	885.810MHz
5	152	874.560MHz	15	568	887.04MHz
6	193	875.790MHz	16	609	888.270MHz
7	234	877.020MHz	17	650	889.500MHz
8	275	878.250MHz	18	697	890.910MHz
9	316	879.480MHz	19	738	892.140MHz
10	363	880.890MHz	20	779	893.370MHz