



## 1.EQUIPMENT SPECIFICATION DECLARED BY THE APPLICANT

<b>Model Name</b>	: HX260S		
<b>Sample Number</b>	: Sample-1/Sample-2		
<b>Specification is Referenced</b>	: EIA/TIA-603		
<b>Emission Type</b>	: 16K0F3E		
<b>Channel Spacing</b>	: 25		(kHz)
<b>Description</b>	: Portable		
<b>Mode</b>	: FM		
<b>Frequency Range</b>	<b>TX</b>	: 156.025-157.425	(MHz)
	<b>RX</b>	: 156.050-163.275	(MHz)

(5W to 1W ,Adjustable)			
<b>Rated RF Power</b>	<b>HIGH</b>	: 5	(W)
	<b>LOW</b>	: 1	(W)
<b>Power Supply Voltage</b>	<b>DC</b>	: 7.2	(V)
<b>Collector Voltage</b>		: 7.2	(V)
<b>Collector Current</b>		: 1.5	(A)

## 2. SPECIFICATIONS FOR HX260S

### General

Frequency range		: 156.025 to 163.275MHz
Channel spacing		: 25kHz
Power supply voltage		: 7.2V $\pm$ 15%
Current consumption	(Standby)	: 45mA
	(RX)	: 200mA
	(TX)	: 1.5A(Hi); 0.6A(Low)
Dimensions	(inches)	: 5.31"H $\times$ 2.40"W $\times$ 1.61"D (135H $\times$ 61W $\times$ 41D mm)
Weight		: 1.0lb(0.5kg)

### Transmitter

Frequency range		: 156.025 to 157.425MHz
RF power output	(High@7.2V)	: 5W (5W to 1W, Adjustable)
	(Low@7.2V)	: 1W
Conducted spurious emissions		: >60 dB below carrier
AF distortion	(@1kHz)	: <5%
Maximum deviation		: $\pm$ 5kHz
Frequency error		: $\pm$ 0.001%
FM noise		: >40dB
Microphone type		: Condenser
Microphone impedance		: 2200 $\Omega$

### Receiver

Frequency range		: 156.050 to 163.275MHz
Circuit type		: Double-conversion super heterodyne
IFs	(1st)	: -21.4MHz
	(2nd)	: 450kHz
12dB SINAD sensitivity		: 0.28uV
Adjacent channel selectivity		: 70dB
Inter modulation response		: 65dB
Spurious response rejection		: 70dB
Speaker Impedance	(Rated)	: 8 $\Omega$
AF output	(@ 8 $\Omega$ , 7.2V)	: 0.5W