



1.EQUIPMENT SPECIFICATION DECLARED BY THE APPLICANT

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

(5W to 1W ,Adjustable)			
Rated RF Power	HIGH	: 5	(W)
	LOW	: 1	(W)
Power Supply Voltage	DC	: 7.2	(V)
Collector Voltage		: 7.2	(V)
Collector Current		: 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 Ω

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 Ω
AF output	(@ 8 Ω , 7.2V)	: 0.5W