Common Section

Item	Condition	Measurement		Adjustment		Specifications/ Remark
		Test equipment	Terminal	Parts	Method	
1.Setting	1) BATT terminal votage:13.6V 2) SSG standard modulation 　[Wide] MOD:1kHz,DEV:3kHz 　[Narrow] MOD:1kHz,DEV:1.5kHz					
2.VCO lock voltage RX	1) CH:High	Power meter DVM	ANT CV	C122	4.0V	±0.2V
	2) CH:Low				Check	0.6V or more
3.VCO lock voltage TX	3) CH:High PTT:ON			C39	4.0V	±0.2V
	4) CH:Low PTT:ON				Check	0.6V or more

Transmitter Section

Item	Condition	Measurement		Adjustment		Specifications/ Remark
		Test equipment	Terminal	Parts	Method	
1.Frequency Adjust	1) CH:High 2) PTT:ON	Frequency counter	ANT	Programming Software:KSP8000V1.05	173.9875MHz	±100Hz
2.High power Adjust	TEST CH: Low 　　　　Low' 　　　　Center 　　　　High' 　　　　High 　　　　(5 points) BATT　　　　terminal voltage:13.6V PTT:ON	Power meter Ammeter				25W±2W 8A or less
3.Low power Adjust	TEST CH: Low 　　　　Low' 　　　　Center 　　　　High' 　　　　High 　　　　(5 points) BATT　　　　terminal voltage:13.6V PTT:ON					5W±1W 5A or less
4.Max deviation Adjust [Wide]	TEST CH: Center 　　　　Low 　　　　High 　　　　(3 points) AG:1kHz/100mV Deviation meter filter LPT:15kHz HPF:OFF PTT:ON	Power meter Deviation meter Oscilloscope AG AF VTVM	ANT MIC connector	VR2	4.0kHz (According to the lager +,–)	±200Hz
[Narrow]	TEST CH: Center PTT:ON				2.0kHz (According to the lager +,–)	±200Hz

Item	Condition	Measurement		Adjustment		Specifications/ Remark
		Test equipment	Terminal	Parts	Method	
5.DQT Balance Adjust [Wide]	TEST CH: Center Low High (3 points) LPT:3kHz HPF:OFF PTT:ON	Power meter Deviation meter Oscilloscope AG AF VTVM	ANT	VR1	Make the demodulation wave into square waves	
[Narrow]	TEST CH: Center PTT:ON					
6.QT Deviation Adjust [Wide]	TEST CH: Center Low High (3 points) LPT:3kHz HPF:OFF PTT:ON			Programming Software:KSP8000V1.05	0.55kHz	±40Hz
[Narrow]	TEST CH: Center PTT:ON				0.35kHz	±40Hz
7.DQT Deviation Adjust [Wide]	TEST CH: Center Low High (3 points) LPT:3kHz HPF:OFF PTT:ON				0.95kHz	±40Hz
[Narrow]	TEST CH: Center PTT:ON				0.4kHz	±40Hz
8.DTMF Deviation Adjust [Wide]	TEST CH: Center LPT:15kHz HPF:OFF PTT:ON				3.0kHz	±100Hz
[Narrow]	TEST CH: Center PTT:ON				1.5kHz	±100Hz