

## Common Section

Item	Condition	Measurement		Adjustment		Specifications/ Remark
		Test equipment	Terminal	Parts	Method	
1.Setting	1) BATT terminal vorage: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	489.9875MHz	±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		