

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	TC1	5.5V	±0.2V
	2) CH:Low				Check	0.5V or more
3.VCO lock voltage TX	3) CH:High PTT:ON			TC2	5.5V	±0.2V
	4) CH:Low PTT:ON				Check	0.5V 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		173.9875MHz	±100Hz
2.High power Adjust	TEST CH: Low Low' Center High' High (5 points) BATTterminal voltage:13.6V PTT:ON	Power meter Ammeter		Programming Software:KSP8200V1.07		50W±5W 13A or less
3.Low power Adjust	TEST CH: Low Low' Center High' High (5 points) BATT terminal voltage:7.4V PTT:ON					5W±1W 7A 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			4.0kHz (According to the lager +,-)
[Narrow]	TEST CH: Center PTT:ON				2.0kHz (According to the lager +,-)	±200Hz
5.VOX 1 Writing	TEST CH: Center AG:1kHz/50mV					

Item	Condition	Measurement		Adjustment		Specifications/ Remark																				
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6.VOX 10 Writing	TEST CH: Center AG:1kHz/5.0mV	Power meter Deviation meter Oscilloscope AG AF VTVM	ANT SP/MIC connector ANT	Programming Software:KSP8200V1.07																						
7.DQT Balance Adjust [Wide]	TEST CH: Center Low High (3 points) LPT:3kHz HPF:OFF PTT:ON						Programming Software:KSP8200V1.07	Make the demodulation wave into square waves																		
[Narrow]	TEST CH: Center PTT:ON									Programming Software:KSP8200V1.07	Make the demodulation wave into square waves															
8.QT Deviation Adjust [Wide]	TEST CH: Center Low High (3 points) LPT:3kHz HPF:OFF PTT:ON												Programming Software:KSP8200V1.07	Make the demodulation wave into square waves	0.55kHz	±40Hz										
[Narrow]	TEST CH: Center PTT:ON														Programming Software:KSP8200V1.07	Make the demodulation wave into square waves	0.35kHz	±40Hz								
9.DQT Deviation Adjust [Wide]	TEST CH: Center Low High (3 points) LPT:3kHz HPF:OFF PTT:ON																Programming Software:KSP8200V1.07	Make the demodulation wave into square waves	0.95kHz	±40Hz						
[Narrow]	TEST CH: Center PTT:ON																		Programming Software:KSP8200V1.07	Make the demodulation wave into square waves	0.4kHz	±40Hz				
10.DTMF Deviation Adjust [Wide]	TEST CH: Center LPT:15kHz HPF:OFF PTT:ON																				Programming Software:KSP8200V1.07	Make the demodulation wave into square waves	3.0kHz	±100Hz		
[Narrow]	TEST CH: Center PTT:ON																						Programming Software:KSP8200V1.07	Make the demodulation wave into square waves	1.5kHz	±100Hz
11.MSK Deviation Adjust [Wide]	TEST CH: Center Low High (3 points) LPT:15kHz HPF:OFF PTT:ON																								Programming Software:KSP8200V1.07	Make the demodulation wave into square waves
[Narrow]	TEST CH: Center PTT:ON	Programming Software:KSP8200V1.07	Make the demodulation wave into square waves	1.5kHz	±100Hz																					