Common Section

Item	Condition	Measurement		Adjustment		Specifications/ Remark
		Test equipment	Terminal	Parts	Method	
1.Setting	1) BATT terminal votage:7.4V 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	C108	4.2V	±0.1V
	2) CH:Low				Check	0.6V or more
3.VCO lock voltage TX	3) CH:High PTT:ON			C24	4.2V	±0.1V
	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:center 2) PTT:ON	Frequency counter	ANT	Programming Software:KSP6500	435.125MHz	±100Hz
2.High power Adjust	TEST CH: Low Low' Center High' High (5 points) BATT terminal voltage:7.4V PTT:ON	Power meter Ammeter				3.5W±0.1W 1.7A or less
4.Max deviation Adjust [Wide]	TEST CH: Low Low' Center High' High (5 points) AG:1kHz/150mV Deviation meter filter LPT:15kHz HPF:OFF PTT:ON	Power meter Deviation meter Oscilloscope AG AF VTVM	ANT SP/MIC connector		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	

		Power meter Deviation meter Oscilloscope AG AF VTVM				
4.DQT Balance Adjust [Wide]	TEST CH: Low Low' Center High' High (5 points) LPT:300Hz HPF:OFF PTT:ON		ANT	Programming Software: KSP6500	Make the demodulation wave into square waves	
[Narrow]	TEST CH: Center PTT:ON					
5.QT Deviation Adjust [Wide]	TEST CH: Low Low' Center High' High (5 points) LPT:3kHz HPF:OFF PTT:ON				0.65kHz	±40Hz
[Narrow]	TEST CH: Center PTT:ON				0.35kHz	±40Hz
6.DQT Deviation Adjust [Wide]	Low Low' Center High' High (5 points) LPT:3kHz HPF:OFF PTT:ON				0.95kHz	±40Hz
[Narrow]	TEST CH: Center PTT:ON				0.4kHz	±40Hz
7.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