

Common Section

Item	Condition	Measurement		Adjustment		Specifications/Remark
		Test equipment	Terminal	Parts	Method	
1.Setting	1)BATT terminal votage:7.5v 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 DCM	ANT CV		Check	≤4.2V
	2) CH: Low				Check	≥0.5V
3.VCO lock voltage TX	3) CH: High PTT:ON				Check	≤4.2V
	4) CH: Low PTT:ON				Check	≥0.5V

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	VR1		±100Hz	
2 High power Adjust	TEST CH: Center BATT terminal voltage:7.4V PTT:ON	Power meter DCM		Programming			4W±0.5W ≤1.6A
3 Low Power Adjust	TEST CH: Center BATT terminal voltage:7.4V PTT:ON						≤1.0A
4 Max deviation Adjust [Wide] [Narrow]	TEST CH: Low High AG:1KHz/120mV LPF:15KHz HPF:20Hz PTT:ON	Power meter Deviation meter Oscillograph AG AF VTVM	ANT SP/MIC connector	Programming VR3	4.2KHz	±50Hz	
	TEST CH: Center PTT:ON					2.1KHz	±50Hz
5 DQT Balance Adjust [Wide] [Narrow]	TEST CH: Center LPF:300Hz HPF:20Hz PTT:ON		ANT	Check	Make the demodulation wave into square waves		
	TEST CH: Center PTT:ON						
6 DQT Deviation Adjust [Wide]	TEST CH: Center LPF:300Hz HPF:20Hz PTT:ON						Check

[Narrow]	TEST CH: Center PTT:ON			Check	0.4KHz	±40Hz
7 QT Deviation Adjust [Wide]	TEST CH: Center LPF:300Hz HPF:20Hz PTT:ON			Programming	0.75KHz	±40Hz
[Narrow]	TEST CH: Center PTT:ON				0.35KHz	±40Hz
8DTMF Deviation Adjust [Wide]	TEST CH: Center LPT:15kHz HPF:50KHz PTT:ON				3.1KHz	±100Hz
[Narrow]	TEST CH: Center PTT:ON				1.6KHz	±100Hz