

Common Section

Item	Condition	Measurement		Adjustment		Specifications/ Remark
		Test equipment	Terminal	Parts	Method	
1.Setting	1) BATT terminal vottage: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	C180	3.9V	±0.2V
	2) CH:Low				Check	0.4V or more
3.VCO lock voltage TX	3) CH:High PTT:ON			C181	3.9V	±0.2V
	4) CH:Low PTT:ON				Check	0.4V 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) BATT terminal voltage:7.4V PTT:ON	Power meter Ammete		Programming Software:V01.04		5W±0.5W 1.7A or less
3.Low power Adjust	TEST CH: Low Low' Center High' High (5 points) BATT terminal voltage:7.4V PTT:ON					1.0W±0.1W 0.9A or less
4.Max deviation Adjust [Wide]	TEST CH: Center Low High (3 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	VR2	4.0kHz (According to the lager +,-)	±400Hz
					2.0kHz (According to the lager +,-)	±300Hz
[Narrow]	TEST CH: Center PTT:ON					

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		Test equipment	Terminal	Parts	Method	
6.DQT Balance Adjust [Wide]	TEST CH: Center Low High (3 points) LPT:3kHz HPF:OFF PTT:ON		ANT	VR1	Make the demodulation wave into square waves	
[Narrow]	TEST CH: Center PTT:ON					
7.QT Deviation Adjust [Wide]	TEST CH: Center Low High (3 points) LPT:3kHz HPF:OFF PTT:ON			Programming Software:V01.04	0.6kHz	±40Hz
[Narrow]	TEST CH: Center PTT:ON				0.4kHz	±40Hz
8.DQT Deviation Adjust [Wide]	TEST CH: Center Low High (3 points) LPT:3kHz HPF:OFF PTT:ON				0.8kHz	±40Hz
[Narrow]	TEST CH: Center PTT:ON				0.45kHz	±40Hz
9.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	