

Appendix 8. Part List / Tune up Procedure

No.	Item	Spec.	Unit	Q'ty	Remarks
Led PCB SMD Ass'Y					
1	PCB Led		EA	1	
2	Regulator IC	78L05 (SMD)	EA	1	
3	Resistor	560 ohm	EA	1	
4	Resistor	680 ohm	EA	11	
5	Resistor	820 ohm	EA	1	
6	Resistor	1.2K ohm	EA	1	
7	Resistor	4.7K ohm	EA	2	
8	Resistor	47K ohm	EA	1	
9	Resistor	100K ohm	EA	1	
10	Resistor	470K ohm	EA	1	
11	Capacitor	104	EA	3	
12	Tantalum Capacitor	10uF/16V	EA	1	
Led PCB SUB Ass'Y					
13	Micom	PIC16C72A (SMD)	EA	1	
14	DC Jack		EA	1	
15	LED Lamp	B - 1000G	EA	1	
16	LED Lamp	3Φ Green	EA	1	
17	LED Lamp	3Φ Red	EA	1	
18	LED Socket	20pin array (Dip)	EA	4	
19	Resonator	4MHz	EA	1	
Main PCB SMD Ass'Y					
20	PCB Main		EA	1	
21	V.R	5KB (SMD)	EA	2	
22	V.R	10KB (SMD)	EA	2	
23	Pin Diode	HSMP3810 (SMD)	EA	14	
24	Schottky Diode	HSMS2850 (SMD)	EA	2	
25	TR	KTC110 (NPN)	EA	1	
26	TR	KTA1001 (PNP)	EA	1	
27	Regulator IC	78L05 (SMD)	EA	2	
28	OP Amplifier IC	LM358 (OP - AMP)	EA	2	
29	MMIC	EC - 1078	EA	6	
30	MMIC	AH1	EA	2	
31	MMIC	AM1	EA	2	

32	Resistor	68 ohm	EA	2	
33	Resistor	1K ohm	EA	12	
34	Resistor	2K ohm	EA	6	
35	Resistor	12 ohm	EA	2	
36	Resistor	430 ohm	EA	4	
37	Resistor	47K ohm	EA	3	
38	Resistor	18 ohm	EA	5	
39	Resistor	24 ohm	EA	2	
40	Resistor	28 ohm	EA	12	
41	Resistor	300 ohm	EA	10	
42	Resistor	62 ohm	EA	2	
43	Resistor	470 ohm	EA	2	
44	Resistor	120 ohm	EA	2	
45	Resistor	10K ohm	EA	2	
46	Resistor	2.2K ohm	EA	2	
47	Resistor	1.3K ohm	EA	1	
48	Resistor	1M ohm	EA	2	
49	Resistor	22K ohm	EA	2	
50	Resistor	3.9K ohm	EA	1	
51	Resistor	30 ohm	EA	5	
52	Resistor	150 ohm	EA	1	
53	Resistor	180 ohm	EA	4	
54	Inductor	10uH	EA	2	
55	Inductor	47nH	EA	10	
56	Inductor	100nH	EA	8	
57	Amplifier	CL1801	EA	1	
58	Amplifier	CL0901	EA	1	
59	Inductor (3216)	HU-1H3216-121	EA	1	
60	Capacitor	1pF	EA	1	
61	Capacitor	56pF	EA	1	
62	Capacitor	101	EA	36	
63	Capacitor	102	EA	30	
64	Capacitor	103	EA	1	
65	Capacitor	104	EA	18	
66	Tantalum Capacitor	10uF/16V	EA	21	
Main PCB SUB Ass'Y					
67	Duplexer	RX/TX	EA	2	

68	BPF	RX	EA	1	
69	BPF	TX	EA	1	
70	RF SAW BPF	RX	EA	1	
71	RF SAW BPF	TX	EA	1	
72	MMIC	LNA	EA	2	
73	Connector	MCX(Female)	EA	1	
74	Connector	SMA - 2 Hole	EA	1	
75	Slide Switch	YSS 2207	EA	1	
76	Power Jump Cable	mm(orange)	EA	1	RSSI
77	Power Jump Cable	mm(yellow)	EA	1	S/D Switch
78	Power Jump Cable	mm(blue)	EA	1	S/D Level
79	Power Jump Cable	mm(red)	EA	1	B+
80	GND Tension		EA	4	For BPF, Duplexer GND
81	Screw(2.0*6)	Stainless Pan head	EA	2	For the hole fixing
82	Screw(2.6*4)	Stainless Pan head	EA	28	For the PCB fixing
83	Screw(2.6*5)	Stainless Flat head	EA	14	In Cover
84	Screw(2.6*8)	Stainless Pan head	EA	4	For the housing case fixing
85	Screw(2.6*8)	Stainless Flat head	EA	4	For ANT. Fixing
86	Screw(2.6*12)	Stainless Flat head	EA	5	For Wall Mounting
87	Housing		EA	1	
88	ANT Patch 5dBi		EA	1	
89	TILTING		EA	1	
90	DC Power Supply		EA	1	
91	Packaging		SET	1	