

SAMSUNG

移动设备

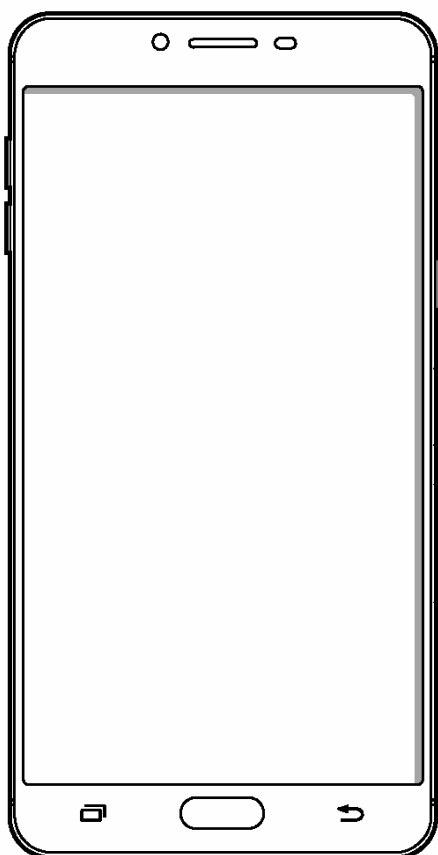
SM-C9000

(VIETMOBILE.VN)

维修

手册

移动设备



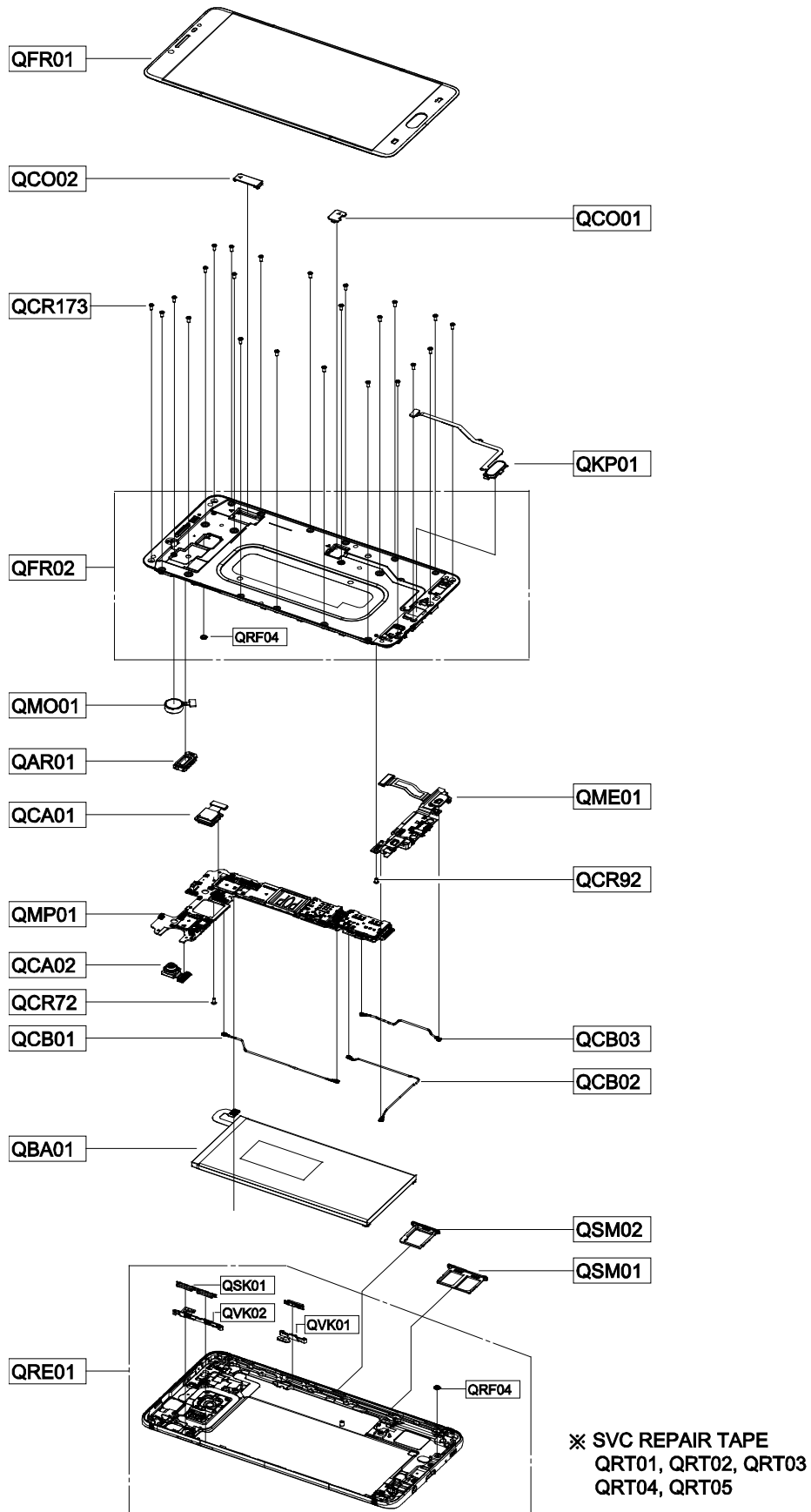
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4. Exploded View and Parts List

4-1. Cellular phone Exploded View



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5. MAIN Electrical Parts List

Parts Code	Design Loc	Description
0202-002125	R4031,R4045	R-CHIP
0404-001250	D5000,D6001	DIODE-SCHOTTKY
0404-001782	D3000	DIODE-SCHOTTKY
0406-001465	ZD6018,ZD6019,ZD6022	DIODE-TVS
0406-001465	ZD6023	DIODE-TVS
0406-001505	D6000	DIODE-SCHOTTKY
0406-001592	ZD3000,ZD3001,ZD3002	DIODE-TVS
0406-001592	ZD3003,ZD3004,ZD3005	DIODE-TVS
0406-001592	ZD3006,ZD3007,ZD3008	DIODE-TVS
0406-001592	ZD6020,ZD6021,ZD6028	DIODE-TVS
0406-001592	ZD7000,ZD7001,ZD7002	DIODE-TVS
0406-001592	ZD7003,ZD7004,ZD7005	DIODE-TVS
0406-001592	ZD7006	DIODE-TVS
0406-001645	ZD6027	DIODE-TVS
0406-001675	ZD5001	DIODE-TVS
0406-001682	ZD6031,ZD6032	DIODE-TVS
0406-001690	ZD6011,ZD6012,ZD6013	DIODE-TVS
0406-001690	ZD6014,ZD6015	DIODE-TVS
0406-001709	ZD6025,ZD6026	DIODE-TVS
0406-001717	ZD6010	DIODE-TVS
0406-001763	ZD6000,ZD6001,ZD6002	DIODE-TVS
0406-001763	ZD6003,ZD6004,ZD6005	DIODE-TVS
0406-001763	ZD6006,ZD6007,ZD6008	DIODE-TVS
0406-001763	ZD6009	DIODE-TVS
0505-002088	TR5001,TR7000,TR8033	FET-SILICON
0505-002388	TR5000	FET-SILICON
0601-001905	LED3000	LED
0601-003575	LED5000	LED
0903-002171	U3007	IC
1001-001655	U5003,U5004,U5006	IC
1001-001849	U8020	IC
1001-001911	U1001	IC
1001-001913	U1005	IC
1001-001972	U1008,U2002	IC
1001-001992	U1007	IC
1001-001999	U2003	IC
1003-002415	U6001	IC
1107-002504	UME6000	IC

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1201-003717	U1010	IC
1201-003777	U1009	IC
1201-003786	U3005	IC
1201-003793	U1002,U1003	IC
1201-003964	U8001,U8013	IC
1201-004012	U1000	IC
1203-008011	U4001	IC
1203-008249	U3001	IC
1203-008250	U3000,U3009,U3010	IC
1203-008250	U5012,U5019	IC
1203-008251	U5013,U6004,U6005	IC
1203-008326	U5011	IC
1203-008379	U2000	IC
1203-008395	U5018	IC
1203-008459	U5016	IC
1203-008603	U3012	IC
1203-008689	U5008	IC
1203-008700	U5001	IC
1203-008717	U7002	IC
1203-008819	U5007	IC
1203-008830	U6003	IC
1203-008858	U8002	IC
1203-008859	U8000	IC
1203-008860	U7000	IC
1205-005037	U4000	IC
1205-005106	U3008	IC
1205-005262	U3002	IC
1205-005493	U8021,U8022	IC
1205-005652	U6002	IC
1205-005680	U3011	IC
1205-005693	U8003	IC
1205-005705	UCP400	IC
1105-002841	UCP400UP	IC
1209-002344	U3006	IC
1209-002400	U3003	IC
1209-002401	U3014	IC
1404-001724	TH2000,TH4000,TH5000	Thermistor-NTC
1404-001724	TH5001	Thermistor-NTC
1405-001395	C3002,V1000,V1001	VARISTOR

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1405-001395	V3000,V3001,V3002	VARISTOR
1405-001395	V3003,V3004,VR2000	VARISTOR
1405-001395	VR2002	VARISTOR
1405-001398	VR2003	VARISTOR
1405-001404	V6000,V6001,V6002	VARISTOR
1405-001404	VR7000	VARISTOR
1405-001410	V6003	VARISTOR
2007-003015	R6040,R6041	R-CHIP
2007-007107	R2000	R-CHIP
2007-007313	R4010	R-CHIP
2007-007741	R3000,R3015,R4025	R-CHIP
2007-007741	R4026,R4040,R4047	R-CHIP
2007-007741	R5041,R6003,R6005	R-CHIP
2007-007741	R6007,R6010,R6012	R-CHIP
2007-007741	R6016,R6030,R7006	R-CHIP
2007-007942	R6014	R-CHIP
2007-008053	R3014	R-CHIP
2007-008210	R6015	R-CHIP
2007-008420	R4000,R5007,R5013	R-CHIP
2007-008420	U5002	IC
2007-008531	R3025	R-CHIP
2007-008579	R1009,R8021	R-CHIP
2007-008774	R3011,R3012,R3013	R-CHIP
2007-008774	R3027,R3028,R6013	R-CHIP
2007-009766	R6043,R6044	R-CHIP
2007-008800	R4041,R4042	R-CHIP
2007-009111	R3001,R6011	R-CHIP
2007-009155	R5008,R5016	R-CHIP
2007-009157	R3003,R3005,R4027	R-CHIP
2007-009157	R5000,R5001,R5018	R-CHIP
2007-009157	R5019,R5020,R5030	R-CHIP
2007-009157	R6019,R6020,R6021	R-CHIP
2007-009158	R5048	R-CHIP
2007-009182	R6028	R-CHIP
2007-009212	R3002,R6000,R6001	R-CHIP
2007-009212	R6009,R6017,R6018	R-CHIP
2007-009212	R6031,R8008	R-CHIP
2007-009223	R5017	R-CHIP
2007-009233	R5034	R-CHIP

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5. MAIN Electrical Parts List

2007-009315	R5010,R6045,R6046	R-CHIP
2007-009315	R6047,R6048,R6049	R-CHIP
2007-009315	R6050,R6051,R6052	R-CHIP
2007-009315	R6053,R6054,R6055	R-CHIP
2007-009352	R3006,R3007,R4015	R-CHIP
2007-009352	R4030,R7005	R-CHIP
2007-009408	R3008,R3009,R3019	R-CHIP
2007-009408	R3020,R3021,R3022	R-CHIP
2007-009408	R4011,R4012,R4013	R-CHIP
2007-009408	R4014,R4016,R4017	R-CHIP
2007-009408	R4018,R4019,R4020	R-CHIP
2007-009408	R4021,R4023,R4024	R-CHIP
2007-009408	R4028,R4029,R4035	R-CHIP
2007-009408	R4036	R-CHIP
2007-009410	R1005	R-CHIP
2007-009766	R5033	R-CHIP
2007-009801	R7002,R8010	R-CHIP
2007-009805	R1006,R1007,R1008	R-CHIP
2007-009805	R3004	R-CHIP
2007-009866	R5002,R5012	R-CHIP
2007-009920	R4003,R4004,R4005	R-CHIP
2007-009920	R4006,R4007,R4008	R-CHIP
2007-009969	R8009	R-CHIP
2007-010029	R6024,R6026	R-CHIP
2007-010202	R3016,R6022	R-CHIP
2007-010685	R4001,R6002,R6004	R-CHIP
2007-010856	R5031	R-CHIP
2007-011043	R4009	R-CHIP
2007-011648	R6059	R-CHIP
2203-000627	C3082,C3086,C3091	C-CERAMIC,CHIP
2203-000725	C6018	C-CERAMIC,CHIP
2203-000854	C6026	C-CERAMIC,CHIP
2203-001153	C3083,C3089	C-CERAMIC,CHIP
2203-001221	C3084,C3088	C-CERAMIC,CHIP
2203-001239	C3085	C-CERAMIC,CHIP
2203-005344	C5058	C-CERAMIC,CHIP
2203-005682	C1001,C1006,C1018	C-CERAMIC,CHIP
2203-005682	C1028,C1039,C1040	C-CERAMIC,CHIP
2203-005682	C1044,C1054,C1057	C-CERAMIC,CHIP

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2203-005682	C1060,C1061,C1115	C-CERAMIC,CHIP
2203-005682	C1117,C1123,C1127	C-CERAMIC,CHIP
2203-005682	C1138,C2005,C2015	C-CERAMIC,CHIP
2203-005682	C2021,C2024,C2028	C-CERAMIC,CHIP
2203-005682	C2031,C2032,C2039	C-CERAMIC,CHIP
2203-005682	C2040,C2043,C2044	C-CERAMIC,CHIP
2203-005682	C3050,C3051,C3077	C-CERAMIC,CHIP
2203-005682	C3095,C6001,C6006	C-CERAMIC,CHIP
2203-005682	C6010,C7010,C7012	C-CERAMIC,CHIP
2203-005682	C7014	C-CERAMIC,CHIP
2203-005719	C1017,C1046,C7032	C-CERAMIC,CHIP
2203-005719	C7033	C-CERAMIC,CHIP
2203-005725	C1007,C1020,C1055	C-CERAMIC,CHIP
2203-005725	C1056,C1111,C1112	C-CERAMIC,CHIP
2203-005725	C1113,C1116,C1135	C-CERAMIC,CHIP
2203-005725	C1136	C-CERAMIC,CHIP
2203-005727	C3029	C-CERAMIC,CHIP
2203-005729	C1011	C-CERAMIC,CHIP
2203-005731	C3025,C3035,C3038	C-CERAMIC,CHIP
2203-005731	C3113,C3116,C6044	C-CERAMIC,CHIP
2203-005731	C6045,C6054,C8044	C-CERAMIC,CHIP
2203-005732	C5095,C6030,C6031	C-CERAMIC,CHIP
2203-005732	C6055,C8011,C8025	C-CERAMIC,CHIP
2203-005732	C8037,C8043,C8049	C-CERAMIC,CHIP
2203-005734	C3114,C3119,C3120	C-CERAMIC,CHIP
2203-005734	C5023,C5064,C5086	C-CERAMIC,CHIP
2203-005734	C5087,C7034,C7035	C-CERAMIC,CHIP
2203-005734	C7036,C7037,C7038	C-CERAMIC,CHIP
2203-005736	C1029,C1033,C1034	C-CERAMIC,CHIP
2203-005736	C1047,C1070,C1073	C-CERAMIC,CHIP
2203-005736	C1078,C1079,C1083	C-CERAMIC,CHIP
2203-005736	C1084,C1093,C1129	C-CERAMIC,CHIP
2203-005736	C1131,C2002,C2006	C-CERAMIC,CHIP
2203-005736	C2017,C2023,C3009	C-CERAMIC,CHIP
2203-005736	C3011,C3012,C3014	C-CERAMIC,CHIP
2203-005736	C3015,C3031,C3033	C-CERAMIC,CHIP
2203-005736	C3042,C3052,C3058	C-CERAMIC,CHIP
2203-005736	C3101,L1003,L1013	C-CERAMIC,CHIP
2203-005736	L1039,L3012,R8018	C-CERAMIC,CHIP

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2203-005777	C1009,C1023,C1052	C-CERAMIC,CHIP
2203-005777	C1062,C3022,L3016	C-CERAMIC,CHIP
2203-005779	C3030	C-CERAMIC,CHIP
2203-005789	C1004,C1005,C1048	C-CERAMIC,CHIP
2203-005789	C1051,U8035	C-CERAMIC,CHIP
2203-005792	C1014,C1142,C1143	C-CERAMIC,CHIP
2203-005806	C4103,C5021,C5061	C-CERAMIC,CHIP
2203-006121	C8046	C-CERAMIC,CHIP
2203-006137	C3020	C-CERAMIC,CHIP
2203-006194	C3005,C3006,C3007	C-CERAMIC,CHIP
2203-006194	C3010,C3013,C3016	C-CERAMIC,CHIP
2203-006194	C8054	C-CERAMIC,CHIP
2203-006305	C1012,C5024,C5025	C-CERAMIC,CHIP
2203-006318	C1050,C3045,L1012	C-CERAMIC,CHIP
2203-006348	C6023	C-CERAMIC,CHIP
2203-006399	C1106,C3003,C8061	C-CERAMIC,CHIP
2203-006399	C9077	C-CERAMIC,CHIP
2203-006400	C1013,C2016,C3036	C-CERAMIC,CHIP
2203-006400	C3081	C-CERAMIC,CHIP
2203-006401	C6020,C6021	C-CERAMIC,CHIP
2203-006423	C1059,C1074,C1082	C-CERAMIC,CHIP
2203-006423	C1090,C1095,C1096	C-CERAMIC,CHIP
2203-006423	C1097,C1101,C1119	C-CERAMIC,CHIP
2203-006423	C1120,C2020,C3060	C-CERAMIC,CHIP
2203-006423	C3062,C4000,C4001	C-CERAMIC,CHIP
2203-006423	C4002,C4003,C4005	C-CERAMIC,CHIP
2203-006423	C4013,C4014,C4015	C-CERAMIC,CHIP
2203-006423	C4016,C4017,C4041	C-CERAMIC,CHIP
2203-006423	C4059,C4089,C4101	C-CERAMIC,CHIP
2203-006423	C4102,C4111,C4112	C-CERAMIC,CHIP
2203-006423	C4115,C4116,C5053	C-CERAMIC,CHIP
2203-006423	C5080,C5082,C6002	C-CERAMIC,CHIP
2203-006423	C6005,C6011,C6012	C-CERAMIC,CHIP
2203-006423	C9073,C9074	C-CERAMIC,CHIP
2203-006556	C5044	C-CERAMIC,CHIP
2203-006562	C3027,C3092,C5062	C-CERAMIC,CHIP
2203-006562	C5065,C5074,C5078	C-CERAMIC,CHIP
2203-006562	C5090,C6035,C7015	C-CERAMIC,CHIP
2203-006562	C7027,C7030,C8060	C-CERAMIC,CHIP

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2203-006562	C9080	C-CERAMIC,CHIP
2203-006604	C3028,C6016	C-CERAMIC,CHIP
2203-006611	C1031,C3032	C-CERAMIC,CHIP
2203-006648	C4004,C4006	C-CERAMIC,CHIP
2203-006674	C1128,L1020	C-CERAMIC,CHIP
2203-006707	C1094,C1107,C3026	C-CERAMIC,CHIP
2203-006824	C1015	C-CERAMIC,CHIP
2203-006839	C1016,C1022,C1026	C-CERAMIC,CHIP
2203-006839	C1089,C3040,C3046	C-CERAMIC,CHIP
2203-006839	C3047,C3048,C3049	C-CERAMIC,CHIP
2203-006839	C3055,C3059,C3061	C-CERAMIC,CHIP
2203-006839	C3064,C4125,C4126	C-CERAMIC,CHIP
2203-006839	C4127,C4128,C5007	C-CERAMIC,CHIP
2203-006839	C5026,C5063,C8008	C-CERAMIC,CHIP
2203-006841	C6022	C-CERAMIC,CHIP
2203-006846	C1030	C-CERAMIC,CHIP
2203-006872	C7011,C7013	C-CERAMIC,CHIP
2203-006896	C9075,C9076	C-CERAMIC,CHIP
2203-006979	C1085,C1087,C1098	C-CERAMIC,CHIP
2203-006979	C1099,C1104,C1105	C-CERAMIC,CHIP
2203-006979	C2013	C-CERAMIC,CHIP
2203-007143	C6017	C-CERAMIC,CHIP
2203-007194	C7003,C7007,L1018	C-CERAMIC,CHIP
2203-007240	C4038,C4105,C4121	C-CERAMIC,CHIP
2203-007240	C4123	C-CERAMIC,CHIP
2203-007269	C7020,C7022	C-CERAMIC,CHIP
2203-007270	C7026	C-CERAMIC,CHIP
2203-007271	C4061,C5003,C5008	C-CERAMIC,CHIP
2203-007271	C5009,C5010,C5011	C-CERAMIC,CHIP
2203-007271	C5012,C5013,C5070	C-CERAMIC,CHIP
2203-007271	C5071,C5072,C5073	C-CERAMIC,CHIP
2203-007271	C6029,C8002,C8045	C-CERAMIC,CHIP
2203-007279	C4120	C-CERAMIC,CHIP
2203-007317	C3063,C8006,C8023	C-CERAMIC,CHIP
2203-007317	C8024	C-CERAMIC,CHIP
2203-007369	C6008	C-CERAMIC,CHIP
2203-007385	C5084	C-CERAMIC,CHIP
2203-007391	C1088,C1092,C2034	C-CERAMIC,CHIP
2203-007391	C3017,C3018	C-CERAMIC,CHIP

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2203-007392	C5045	C-CERAMIC,CHIP
2203-007393	C2000,C2003,C3024	C-CERAMIC,CHIP
2203-007393	C3037,C4007,C4071	C-CERAMIC,CHIP
2203-007393	C5030,C5031,C5033	C-CERAMIC,CHIP
2203-007393	C5039,C5041,C5046	C-CERAMIC,CHIP
2203-007393	C5047,C5048,C5049	C-CERAMIC,CHIP
2203-007393	C6003,C6004	C-CERAMIC,CHIP
2203-007449	C1025,C1086,C1091	C-CERAMIC,CHIP
2203-007449	C3004,C3093,C3094	C-CERAMIC,CHIP
2203-007449	C4009,C4010,C4011	C-CERAMIC,CHIP
2203-007449	C4019,C4020,C4021	C-CERAMIC,CHIP
2203-007449	C4022,C4024,C4025	C-CERAMIC,CHIP
2203-007449	C4027,C4028,C4031	C-CERAMIC,CHIP
2203-007449	C4032,C4033,C4034	C-CERAMIC,CHIP
2203-007449	C4035,C4036,C4039	C-CERAMIC,CHIP
2203-007449	C4040,C4042,C4044	C-CERAMIC,CHIP
2203-007449	C4045,C4046,C4047	C-CERAMIC,CHIP
2203-007449	C4048,C4049,C4050	C-CERAMIC,CHIP
2203-007449	C4051,C4052,C4053	C-CERAMIC,CHIP
2203-007449	C4054,C4055,C4056	C-CERAMIC,CHIP
2203-007449	C4057,C4058,C4060	C-CERAMIC,CHIP
2203-007449	C4062,C4063,C4064	C-CERAMIC,CHIP
2203-007449	C4065,C4066,C4067	C-CERAMIC,CHIP
2203-007449	C4068,C4069,C4070	C-CERAMIC,CHIP
2203-007449	C4072,C4073,C4074	C-CERAMIC,CHIP
2203-007449	C4075,C4076,C4077	C-CERAMIC,CHIP
2203-007449	C4078,C4079,C4080	C-CERAMIC,CHIP
2203-007449	C4081,C4082,C4083	C-CERAMIC,CHIP
2203-007449	C4084,C4085,C4086	C-CERAMIC,CHIP
2203-007449	C4087,C4088,C4093	C-CERAMIC,CHIP
2203-007449	C4094,C4095,C4096	C-CERAMIC,CHIP
2203-007449	C4097,C4098,C4099	C-CERAMIC,CHIP
2203-007449	C4100,C4106,C4107	C-CERAMIC,CHIP
2203-007449	C4108,C4109,C4110	C-CERAMIC,CHIP
2203-007449	C4113,C4117,C4118	C-CERAMIC,CHIP
2203-007449	C5027,C5029,C5035	C-CERAMIC,CHIP
2203-007449	C5038,C5040,C5042	C-CERAMIC,CHIP
2203-007449	C5043,C5050,C5051	C-CERAMIC,CHIP
2203-007449	C5052,C5055,C5068	C-CERAMIC,CHIP

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5. MAIN Electrical Parts List

2203-007449	C5075,C5076,C5077	C-CERAMIC,CHIP
2203-007449	C5079,C5083,C5088	C-CERAMIC,CHIP
2203-007449	C5089,C6013,C6036	C-CERAMIC,CHIP
2203-007449	C6046,C6047,C6048	C-CERAMIC,CHIP
2203-007449	C6049,C6050,C6056	C-CERAMIC,CHIP
2203-007449	C7028,C7029,C8007	C-CERAMIC,CHIP
2203-007449	C8009,C8017,C8026	C-CERAMIC,CHIP
2203-007449	C8027,C8028,C8029	C-CERAMIC,CHIP
2203-007449	C8058,C8063,C8064	C-CERAMIC,CHIP
2203-007456	C5032	C-CERAMIC,CHIP
2203-007474	C3001,C3008,C3019	C-CERAMIC,CHIP
2203-007474	C3039,C3111,C5067	C-CERAMIC,CHIP
2203-007474	C7002,C7009	C-CERAMIC,CHIP
2203-007634	C6024	C-CERAMIC,CHIP
2203-007775	C3021,C3023,C3041	C-CERAMIC,CHIP
2203-007775	C3043,C6028	C-CERAMIC,CHIP
2203-007796	C3034,C3065,C3066	C-CERAMIC,CHIP
2203-007796	C3068,C3070,C3071	C-CERAMIC,CHIP
2203-007796	C3072,C3079,C3080	C-CERAMIC,CHIP
2203-007796	C4122,C5017,C6019	C-CERAMIC,CHIP
2203-007796	C7018,C8057	C-CERAMIC,CHIP
2203-008123	C4012,C4018,C4029	C-CERAMIC,CHIP
2203-008123	C4030,C4037,C4104	C-CERAMIC,CHIP
2203-008123	C5056,C5057,C5085	C-CERAMIC,CHIP
2203-008242	C3098,C3099,C5093	C-CERAMIC,CHIP
2203-008242	C7016,C7025,C8016	C-CERAMIC,CHIP
2203-008242	C8018,C8019,C8022	C-CERAMIC,CHIP
2203-008243	C5018	C-CERAMIC,CHIP
2203-008394	C1133	C-CERAMIC,CHIP
2203-008572	C5006	C-CERAMIC,CHIP
2203-008860	C1027,C3074,C3075	C-CERAMIC,CHIP
2203-008860	C3076,C6057,C8059	C-CERAMIC,CHIP
2203-008860	C9065	C-CERAMIC,CHIP
2203-008876	C5000,C5002,C5091	C-CERAMIC,CHIP
2203-009134	C3117	C-CERAMIC,CHIP
2203-009328	C3000,C4091,C4092	C-CERAMIC,CHIP
2203-009618	C5015,C5022,C5054	C-CERAMIC,CHIP
2203-009618	C6027,C7019,C7021	C-CERAMIC,CHIP
2203-009618	C7023,C8033,C9070	C-CERAMIC,CHIP

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5. MAIN Electrical Parts List

2203-009656	C7001	C-CERAMIC,CHIP
2203-009733	C1021,C2001,C3073	C-CERAMIC,CHIP
2203-009733	C5014,C5016,C5059	C-CERAMIC,CHIP
2203-009733	C5060,C5066,C5081	C-CERAMIC,CHIP
2203-009733	C7005,C8000,C8001	C-CERAMIC,CHIP
2203-009733	C8034,C9067,C9068	C-CERAMIC,CHIP
2203-009733	C9069,C9071	C-CERAMIC,CHIP
2703-002951	C1126	C-CERAMIC,CHIP
2703-002955	L8009,L8010,L8011	INDUCTOR-SMD
2703-002955	L8013	INDUCTOR-SMD
2703-002958	L3004	INDUCTOR-SMD
2703-002959	L7011,L7012	INDUCTOR-SMD
2703-004001	L1034,L1036,L1037	INDUCTOR-SMD
2703-004001	L1038	INDUCTOR-SMD
2703-004012	C1080,C1130,C1144	C-CERAMIC,CHIP
2703-004012	C3115,C9079,L8012	C-CERAMIC,CHIP
2703-004013	C1000,C1114,C1122	C-CERAMIC,CHIP
2703-004013	L1048,L3006	INDUCTOR-SMD
2703-004018	C1036,L1011,L1019	C-CERAMIC,CHIP
2703-004030	L1002	INDUCTOR-SMD
2703-004033	L1040	INDUCTOR-SMD
2703-004034	C1081,C1132,C1134	C-CERAMIC,CHIP
2703-004034	C3044,C9081,L1027	C-CERAMIC,CHIP
2703-004034	L2003,L2004,L2005	INDUCTOR-SMD
2703-004034	L2006	INDUCTOR-SMD
2703-004036	L1010	INDUCTOR-SMD
2703-004037	L1109,L1000,L1001	INDUCTOR-SMD
2703-004038	C2022,C3056,C9078	C-CERAMIC,CHIP
2703-004038	L1025,L1026,L1052	INDUCTOR-SMD
2703-004038	L2002	INDUCTOR-SMD
2703-004230	L6008,L6009	INDUCTOR-SMD
2703-004286	C3054	C-CERAMIC,CHIP
2703-004289	C2007,L1021,L1054	C-CERAMIC,CHIP
2703-004295	L6000,L6001	INDUCTOR-SMD
2703-004366	C1041,C1042,C1110	C-CERAMIC,CHIP
2703-004366	L1137,L1051,L3010	INDUCTOR-SMD
2703-004367	L1014,L1050,L1055	INDUCTOR-SMD
2703-004369	C2026,L1022,L1024	C-CERAMIC,CHIP
2703-004369	L1031,L1033,L3017	INDUCTOR-SMD

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5. MAIN Electrical Parts List

2703-004371	L6003	INDUCTOR-SMD
2703-004684	L4000	INDUCTOR-SMD
2703-004718	L5004,L5005	INDUCTOR-SMD
2703-004741	L8000,L8003	INDUCTOR-SMD
2703-004763	L2008	INDUCTOR-SMD
2703-004764	L1009	INDUCTOR-SMD
2703-004862	C3053	C-CERAMIC,CHIP
2703-004901	L5006,L5007	INDUCTOR-SMD
2703-004947	L5002,L5003	INDUCTOR-SMD
2703-004976	L1004,L2007	INDUCTOR-SMD
2703-005007	L7006	INDUCTOR-SMD
2703-005070	L7005,L7007	INDUCTOR-SMD
2703-005073	L3013,L3014	INDUCTOR-SMD
2703-005085	C1043,C1064,C2029	C-CERAMIC,CHIP
2703-005085	C2035,C2038,L1016	C-CERAMIC,CHIP
2703-005085	L2001,L2010	INDUCTOR-SMD
2703-005086	L3001,L3002	INDUCTOR-SMD
2703-005087	L1005,L1008,L1023	INDUCTOR-SMD
2703-005087	L1028,L1032,L1046	INDUCTOR-SMD
2703-005087	L1047,L1053	INDUCTOR-SMD
2703-005100	L8005,L8025	INDUCTOR-SMD
2703-005101	L2000	INDUCTOR-SMD
2703-005136	L4001,L5000,L5008	INDUCTOR-SMD
2703-005200	L5009	INDUCTOR-SMD
2703-005201	L5010,L5011,L5012	INDUCTOR-SMD
2703-005219	L8001,L8002	INDUCTOR-SMD
2801-005300	OSC5000	OSC
2801-005323	OSC3000	OSC
2901-001786	F7010,F7011,F7012	Filter-EMI SMD
2901-001786	F7013,F7014	Filter-EMI SMD
2901-001798	F7000,F7001,F7002	Filter-EMI SMD
2901-001798	F7003,F7004,F7005	Filter-EMI SMD
2901-001798	F7006,F7007,F7008	Filter-EMI SMD
2901-001798	F7009	Filter-EMI SMD
2903-001535	F1003	Filter-EMI SMD
2904-002134	F1007	Filter-EMI SMD
2904-002190	F1008	Filter-EMI SMD
2904-002314	F3000	Filter-EMI SMD
2904-002319	F1004	Filter-EMI SMD

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5. MAIN Electrical Parts List

2904-002350	F1005	Filter-EMI SMD
2904-002355	F3003,F3004	Filter-EMI SMD
2904-002357	F2002	Filter-EMI SMD
2910-000367	F1006	Filter-EMI SMD
2910-000386	F1001	Filter-EMI SMD
2911-000308	U3004	IC
2911-000355	F1000	Filter-EMI SMD
2911-000429	F2001	Filter-EMI SMD
3003-001236	MIC8000	IC
3301-002078	L8004	INDUCTOR-SMD
3301-002223	L7000,L7004	INDUCTOR-SMD
3301-002235	L8008	INDUCTOR-SMD
3301-002237	L6005,L6007	INDUCTOR-SMD
3301-002238	L3009	INDUCTOR-SMD
3301-002286	L6014,L8006	INDUCTOR-SMD
3301-002309	L7002,L7003	INDUCTOR-SMD
3301-002312	L7008,L7009,L7010	INDUCTOR-SMD
3301-002313	L3000	INDUCTOR-SMD
3301-002331	L5001,L6006	INDUCTOR-SMD
3301-002335	L8007	INDUCTOR-SMD
3705-001937	CN1000,CN1001,CN1002	CONNECTOR-COAXIAL
3705-001937	CN1003	CONNECTOR-COAXIAL
3709-001873	SIM6000	Connector-Card Edge Bottom of Form
3709-001879	CN6000	Connector-Card Edge
3711-007107	HEA7000	Common Use Socket
3711-008182	HDC7001	Common Use Socket
3711-008508	HDC7000	Common Use Socket
3711-008847	BTC5000	Connector-Battery
3711-009058	HEA3000	Header
3711-009073	HEA6000	Header
3712-001604	ANT1000,ANT1001	Terminal
3712-001604	ANT2003,ANT2008	Terminal
3712-001604	ANT2009,ANT3000	Terminal
3712-001604	ANT3001,ANT3003	Terminal
3712-001604	ANT3007,ANT3010	Terminal
3712-001621	ANT3005,ANT3006	Terminal
3712-001621	ANT8002,ANT8003	Terminal
3712-001626	ANT8000,ANT8001	Terminal

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5. MAIN Electrical Parts List

3712-001633	ANT3008,ANT6005	Terminal
3712-001633	ANT6006	Terminal
3712-001656	ANT3004	Terminal
3712-001666	ANT6000,ANT6001	Terminal
3712-001666	ANT6002,ANT6003	Terminal
3712-001666	ANT6004	Terminal
3712-001694	ANT2001,ANT2002	Terminal
3712-001694	ANT2004,ANT2010	Terminal
3712-001694	ANT3002	Terminal
4709-002150	F3002	Filter-EMI SMD
4709-002276	F1009	Filter-EMI SMD
4709-002285	F3005	Filter-EMI SMD
4709-002351	F3001	Filter-EMI SMD
4709-002412	F1002	Filter-EMI SMD
GH60-00009A	CON1003,CON1004	CLIP
GH60-00010A	CON1000,CON1005	CLIP
GH61-08634A	CON1002,CON1007	CLIP
GH61-09798A	SUS2000	PLATE
GH62-00040A	CON7000	Heat Part-ETC
GH63-13669A	SC1004	SHIELD
GH63-13670A	SC1006	SHIELD
GH63-13671A	SC1001	SHIELD
GH63-13672A	SC1005	SHIELD
GH63-13673A	SC1003	SHIELD
GH63-13674A	SC1008	SHIELD
GH63-13675A	SC1002	SHIELD
GH63-13676A	SC1007	SHIELD
GH80-03321A	R4032	R-CHIP
SHIELDCAN	GH02-13822A	TAPE-AP
SHIELDCAN	GH02-13823A	TAPE-IF

Please consult the GSPN website (Samsung Portal) for the most recent version of the product's part list.

6.1 级维修

6-1. 软件下载

6-1-1. 软件下载准备

-连接图



6-1-2. 如何下载软件

1) 下载主程序文件

- 下载SM-C9000的主程序文件
 - xxx.pit
 - BL_XXXX.tar.md5
 - AP_XXXX.tar.md5
 - CP_XXXX.tar.md5
 - CSC_xxxx.tar.md5
- (文件大小约1.84GB)

2) 准备下载

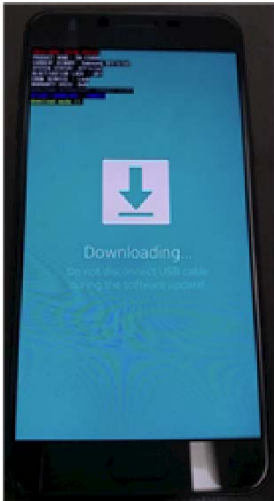
- 下载程序 (**Odin3 v3.09.exe**)
- SM-C9000手机
- 数据线
- 主程序文件

3) 同时按住“主屏幕键+音量减小键+电源键”可启动手机，如果操作正确，可在主液晶显示屏上看到以下信息。



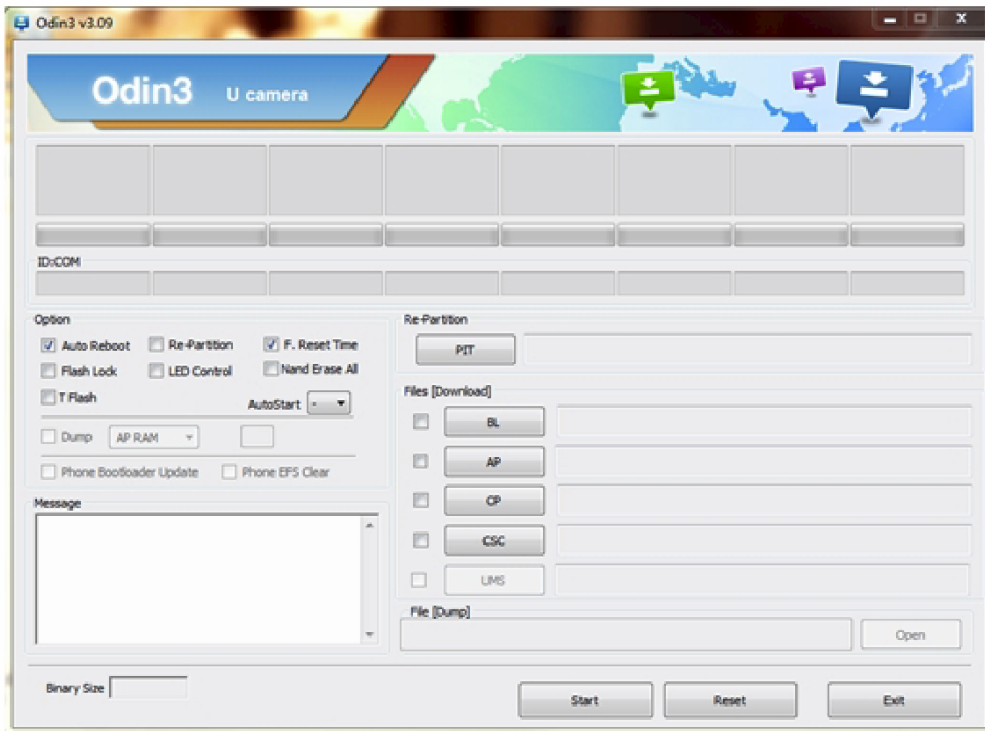
6.1 级维修

4) 再次按下音量增大键，可在主液晶显示屏上看到以下信息。



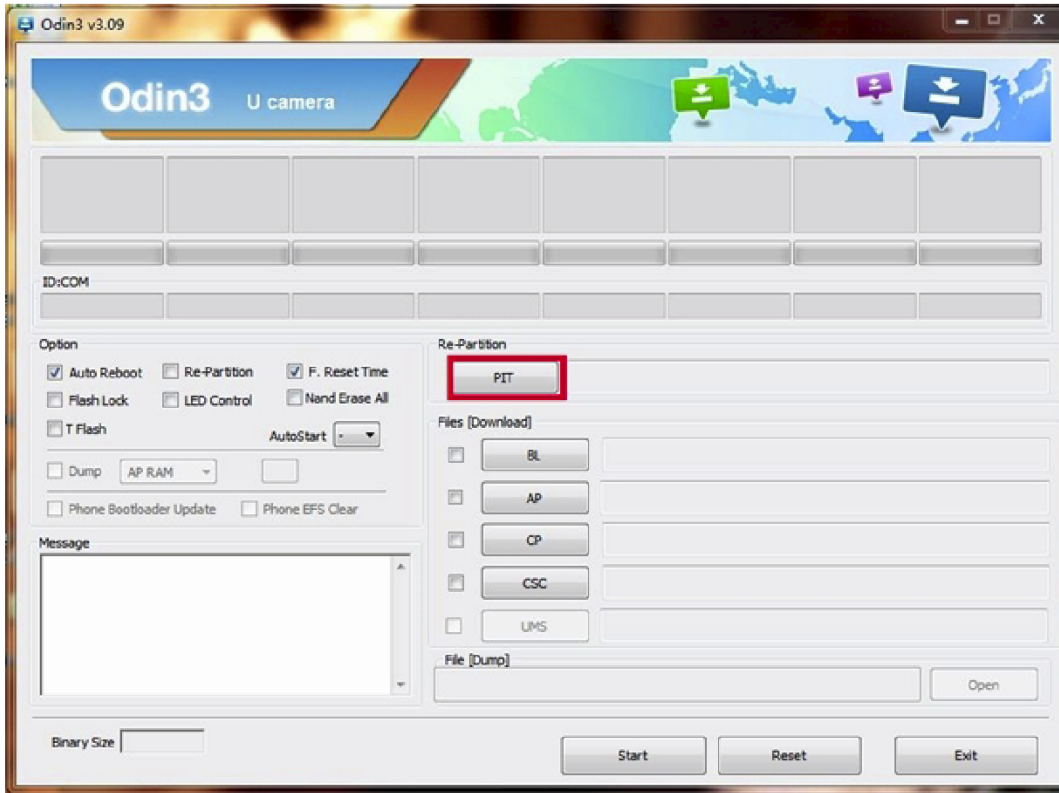
“Downloading...”

5) 加载主程序下载程序。



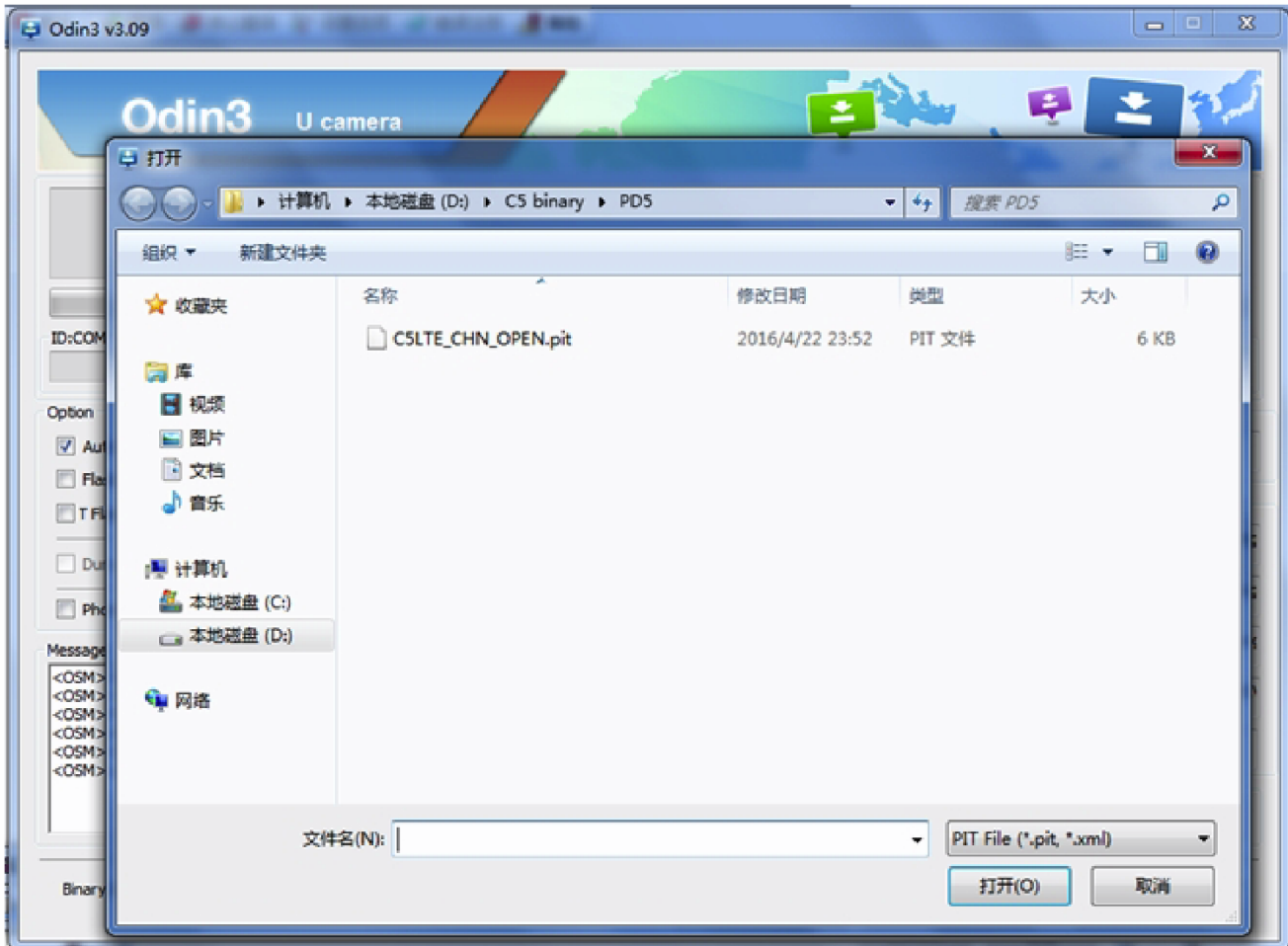
6.1 级维修

6) 按下"PIT"按键，打开手机主程序。（如果已经下载，之后就无需再次下载。）



6.1 级维修

7) 从文件目录选择手机SM-G6000 “xxx.pit”主程序。

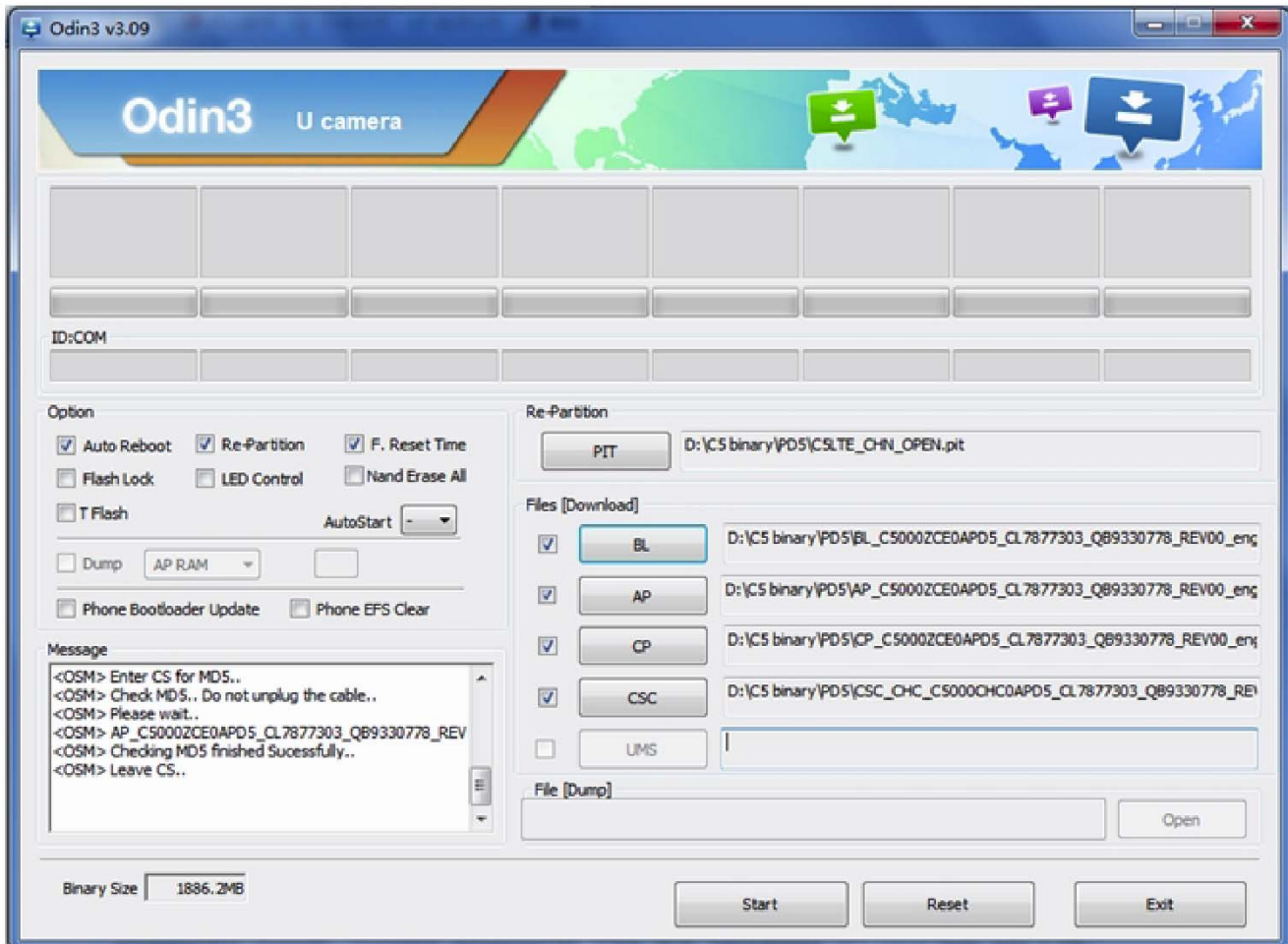


选择如下所述的文件：

- BL_XXXX.tar.md5
- AP_XXXX.tar.md5
- CP_XXXX.tar.md5
- CSC_XXXX.tar.md5

6.1 级维修

8) 连接手机与电脑，将显示如下程序。



9) 然后按下“**Start**”按键。

10) 然后可以稍作休息，完成下载。

11) 手机主程序文件下载完成之后，手机将自动重启。

※注意，软件下载期间不得断开连接。

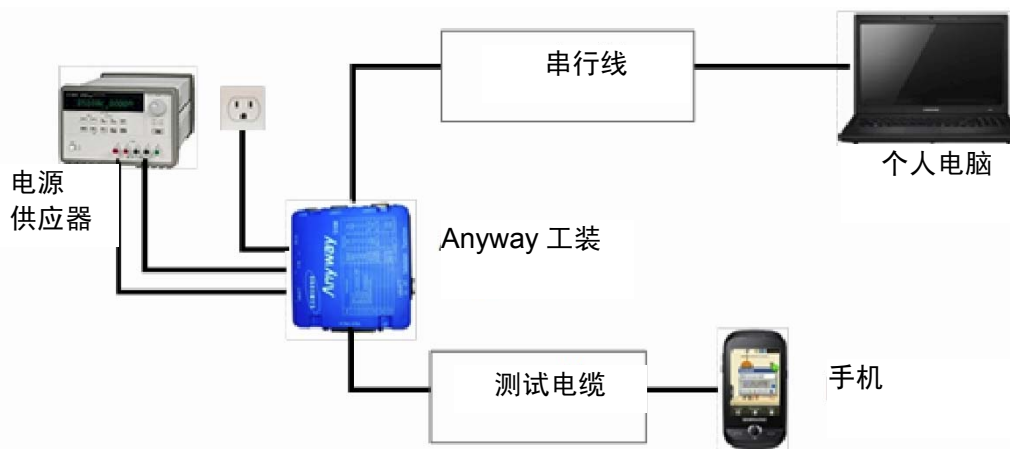
6.1 级维修

6-2. IMEI写入

6-2-1. 准备

- 新IMEI写入程序已发布。
- 支持的型号：HHPsvc INI文件目录中被上传的是CAB文件而非ini文件的型号。
- 参见下述IMEI写入步骤。

-硬件



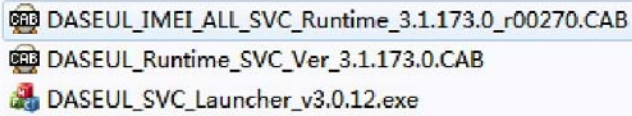
-软件

① Library安装	安装库文件后，才可使用Daseul。 参见SVC公告 “(11-82) Daseul (New IMEI writing Program) Library Install guide_rev1.0”
② 启动器	DASEUL_SVC_Launcher_v3_0_25或更高版本 -上传至HHPsvc通知中。
③ Runtime文件	1. DASEUL_IMEI_ALL_Runtime_3.1.136_r00183 .CAB或者更高版本 -上传至HHPsvc通知中。 2. 在与启动器和Runtime文件相同的位置创建“型号名称”文件夹。 
④ 型号文件	将型号文件复制到“型号名称”文件夹下。

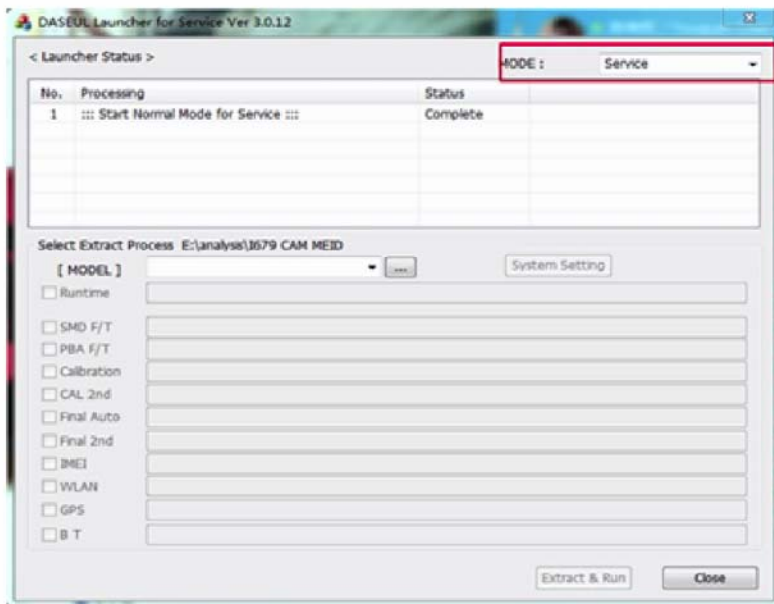
6. 1 级维修


6-2-2. IMEI写入流程

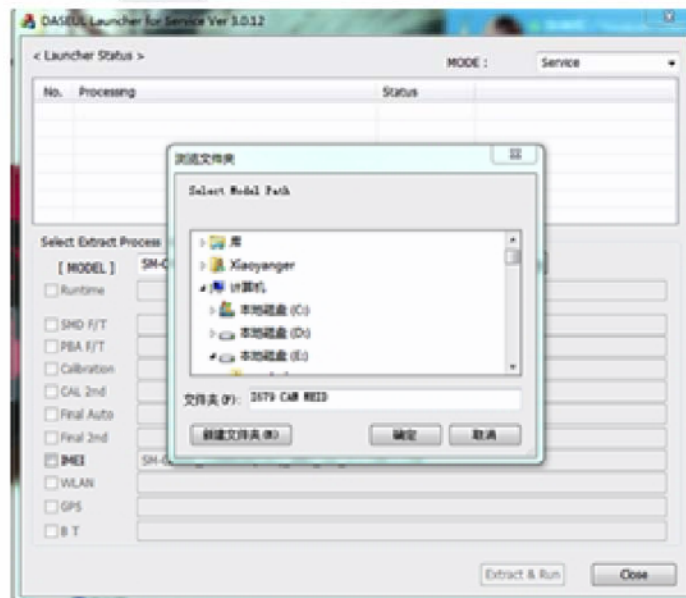
1. 运行DASEUL_SVC_Launcher_v3_0_25



2. 选择Service模式

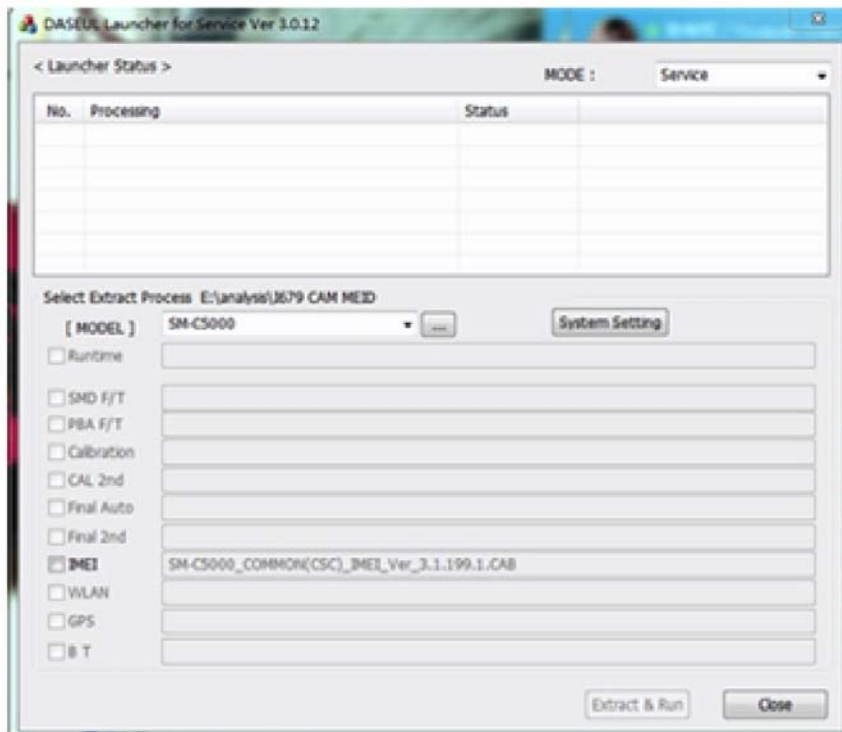


3. 点击  ， 并选择启动器所在的文件夹。

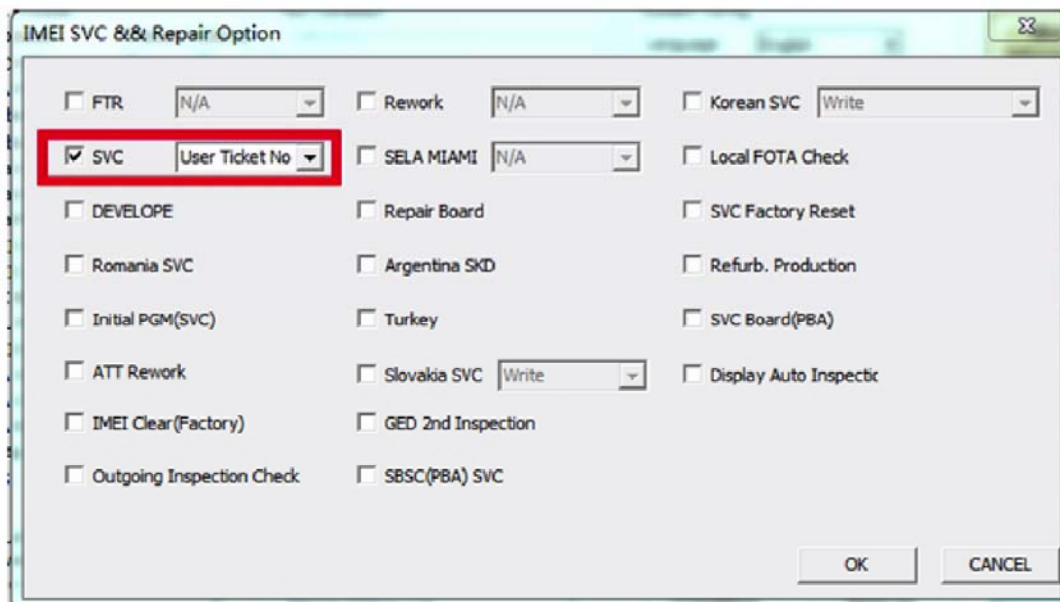


6.1 级维修

4. 选择模式

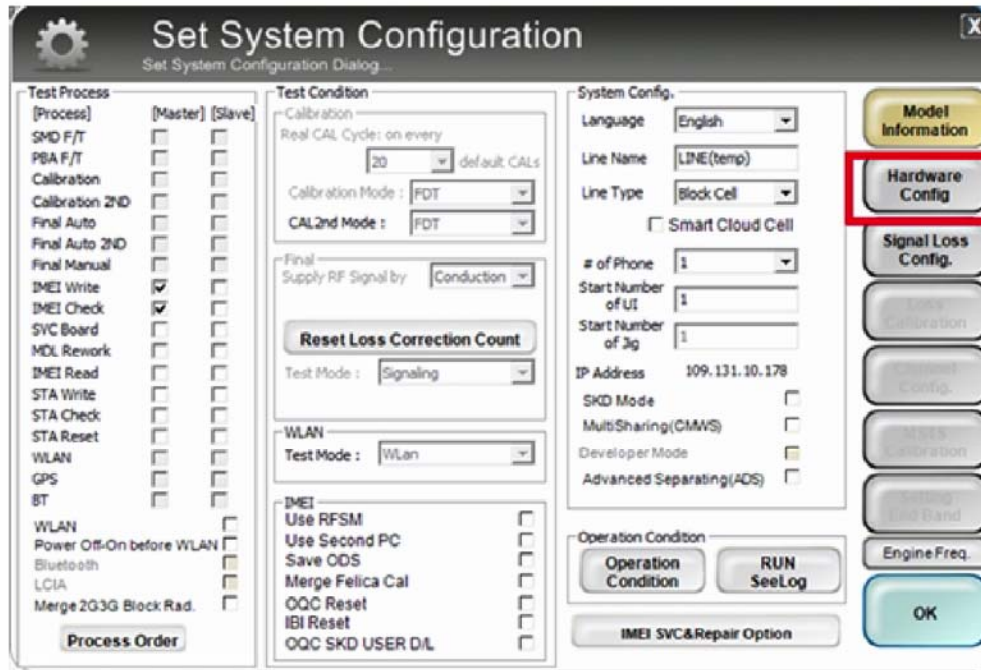


5. 复选'SVC , User Ticket No' 并点击OK。

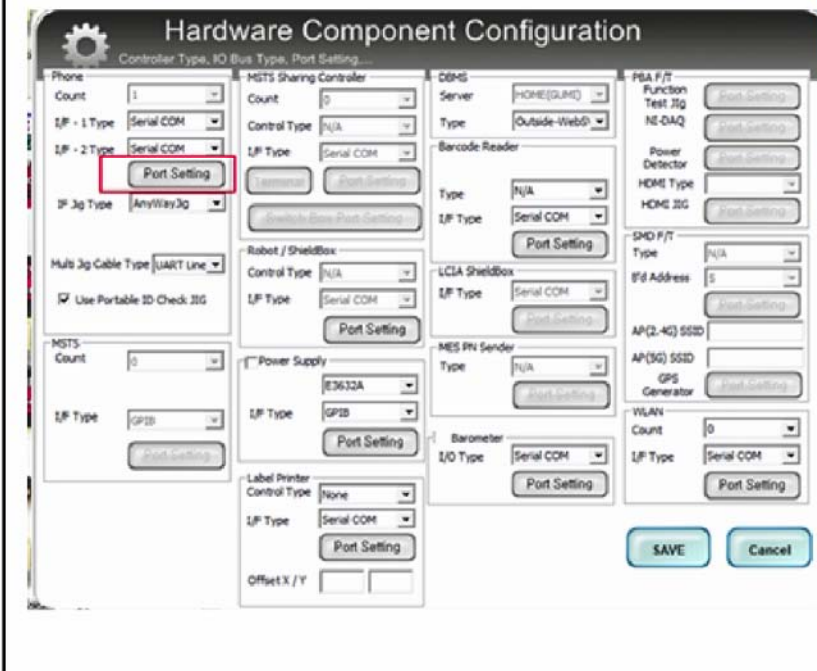


6. 1 级维修

6. 点击'Hardware Config'

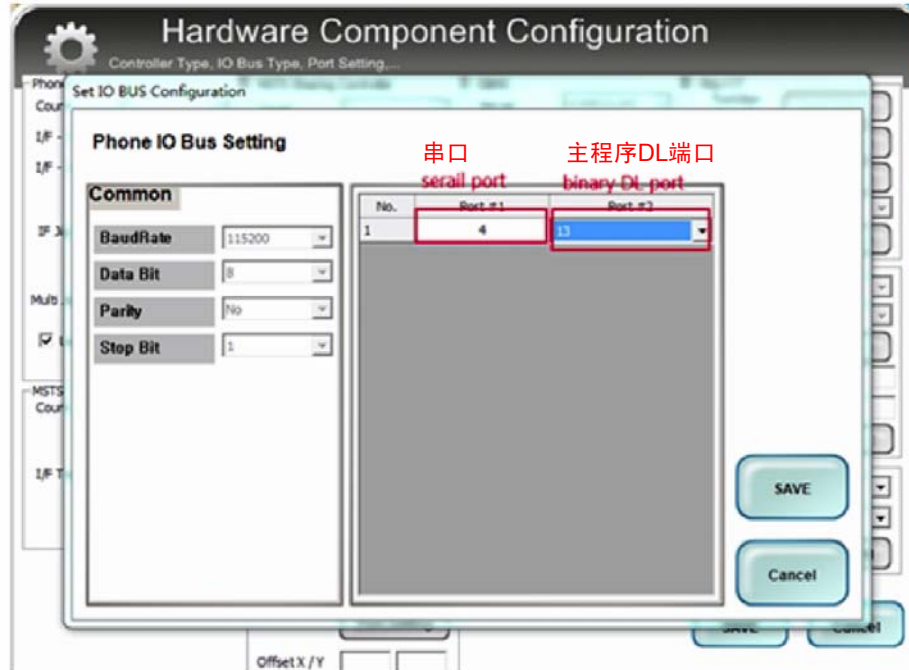


7. 点击'Port Setting'

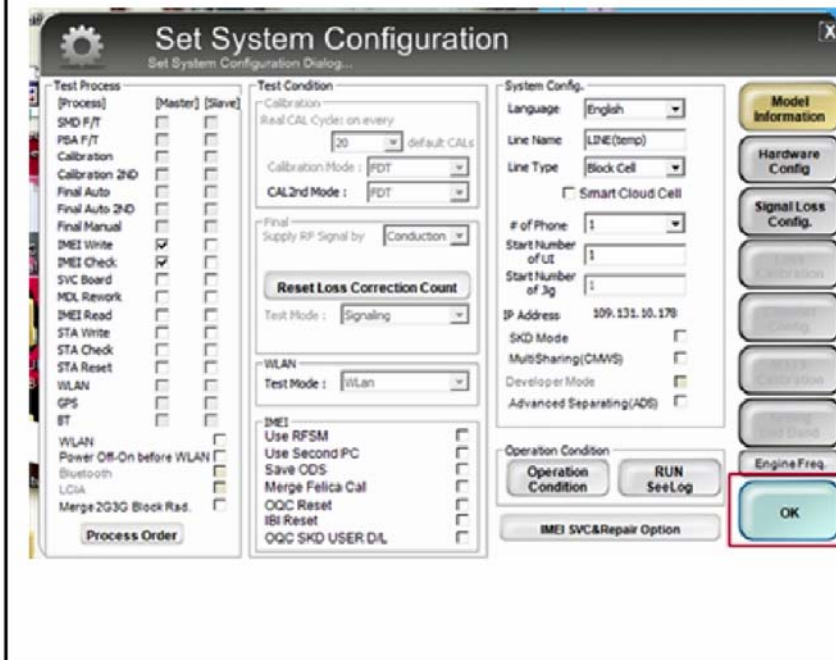


6.1 级维修

8. 选择端口编号，点击SAVE。

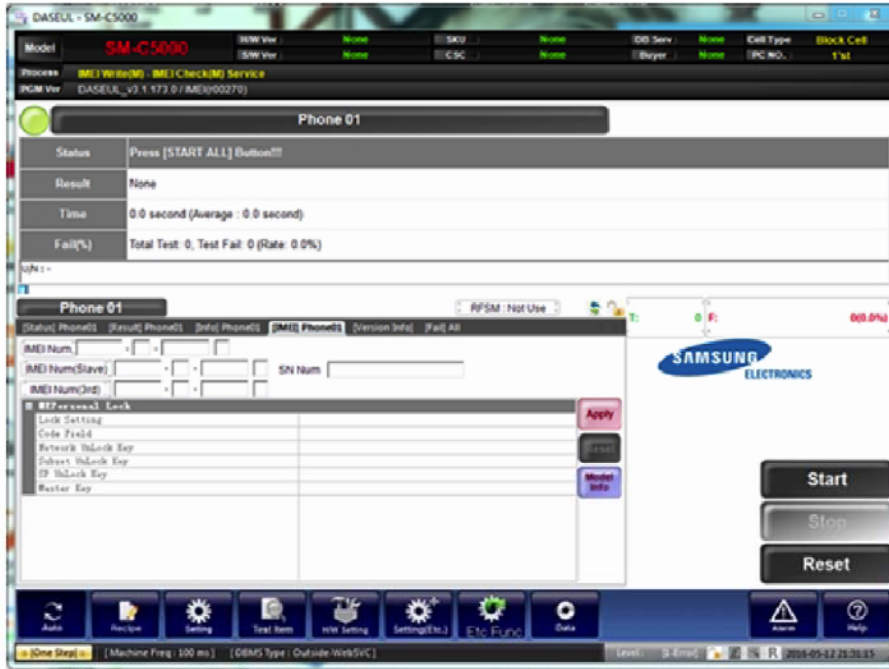


9. 点击OK，继续操作。



6.1 级维修

10. 显示弹出菜单时，点击Model Info和OK。



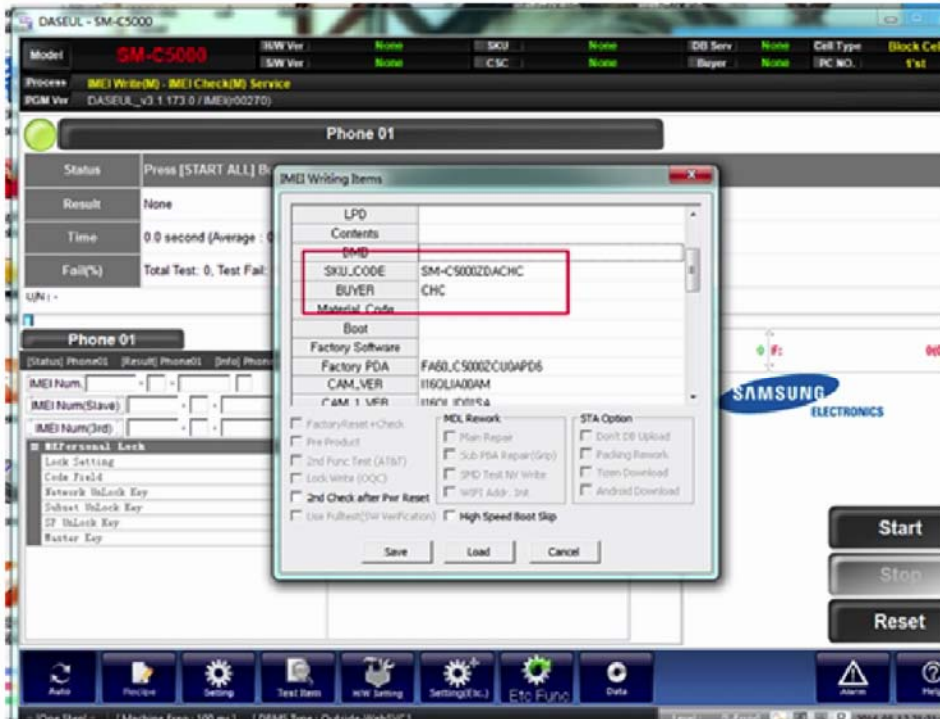
11. 点击OK。



6.1 级维修

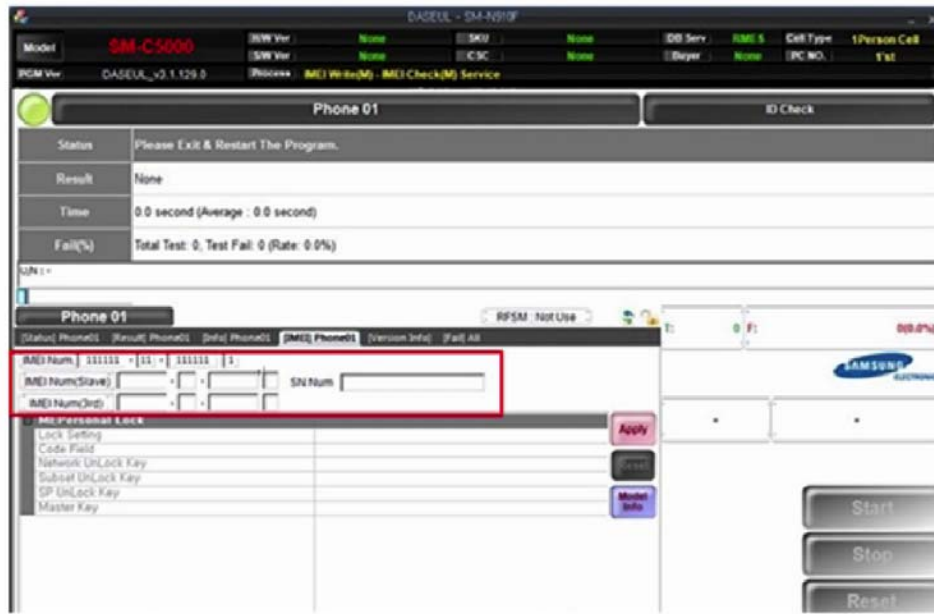
12. 输入SKU_CODE, 然后点击OK按键。

※ 参考HHPsvc→IMEI Review, 以检查SKU Code和buyer。

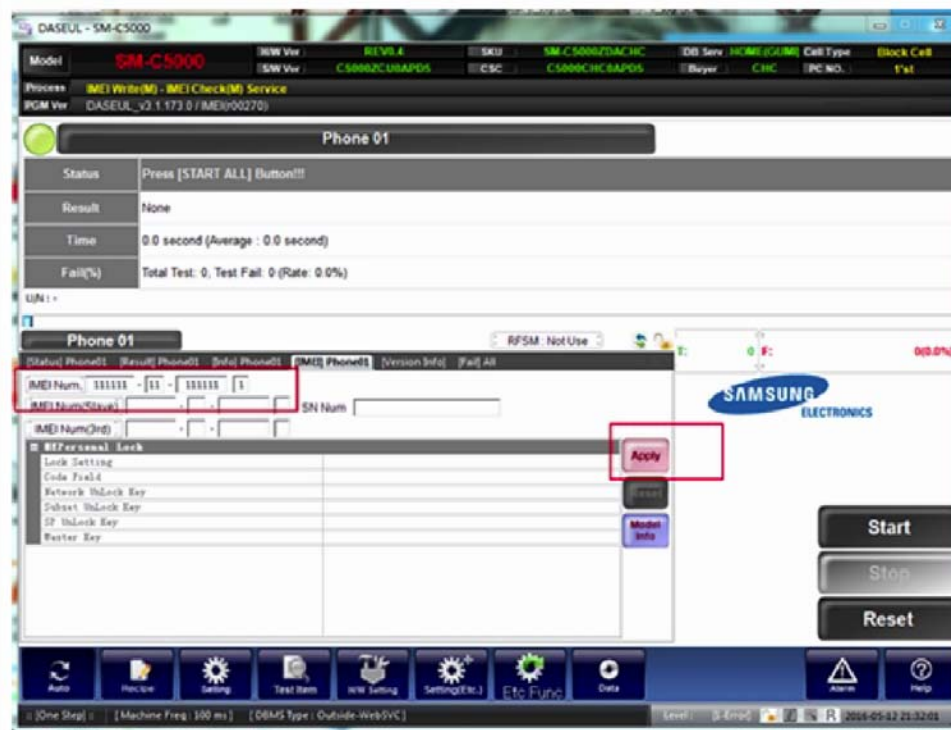


6.1 级维修

13. 输入IMEI编号，并点击Apply。



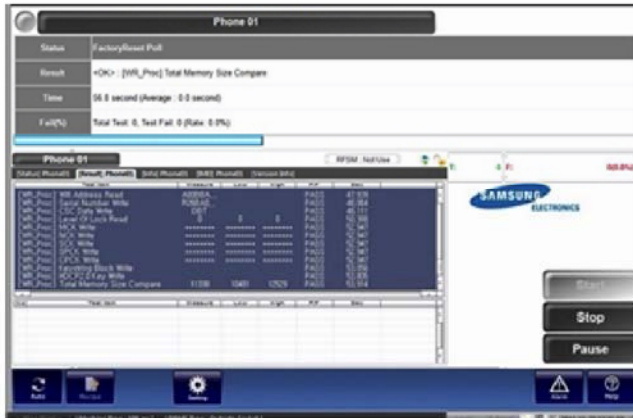
14. 点击Start ALL。



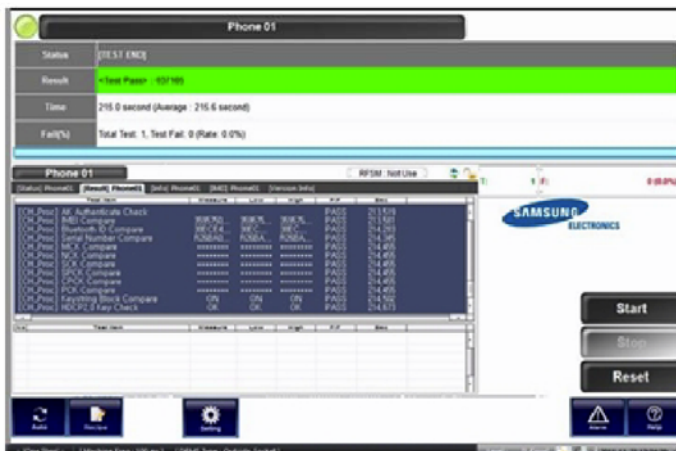
6.1 级维修

15. 将手机与Anyway工装连接。
※连接手机时，应将手机关机。
连接手机后，手机会自动启动。

16. IMEI写入进程。



17. IMEI写入成功。



6.1 级维修


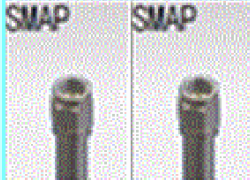



6-3. 射频校准

6-3-1. 校准射频所需项目

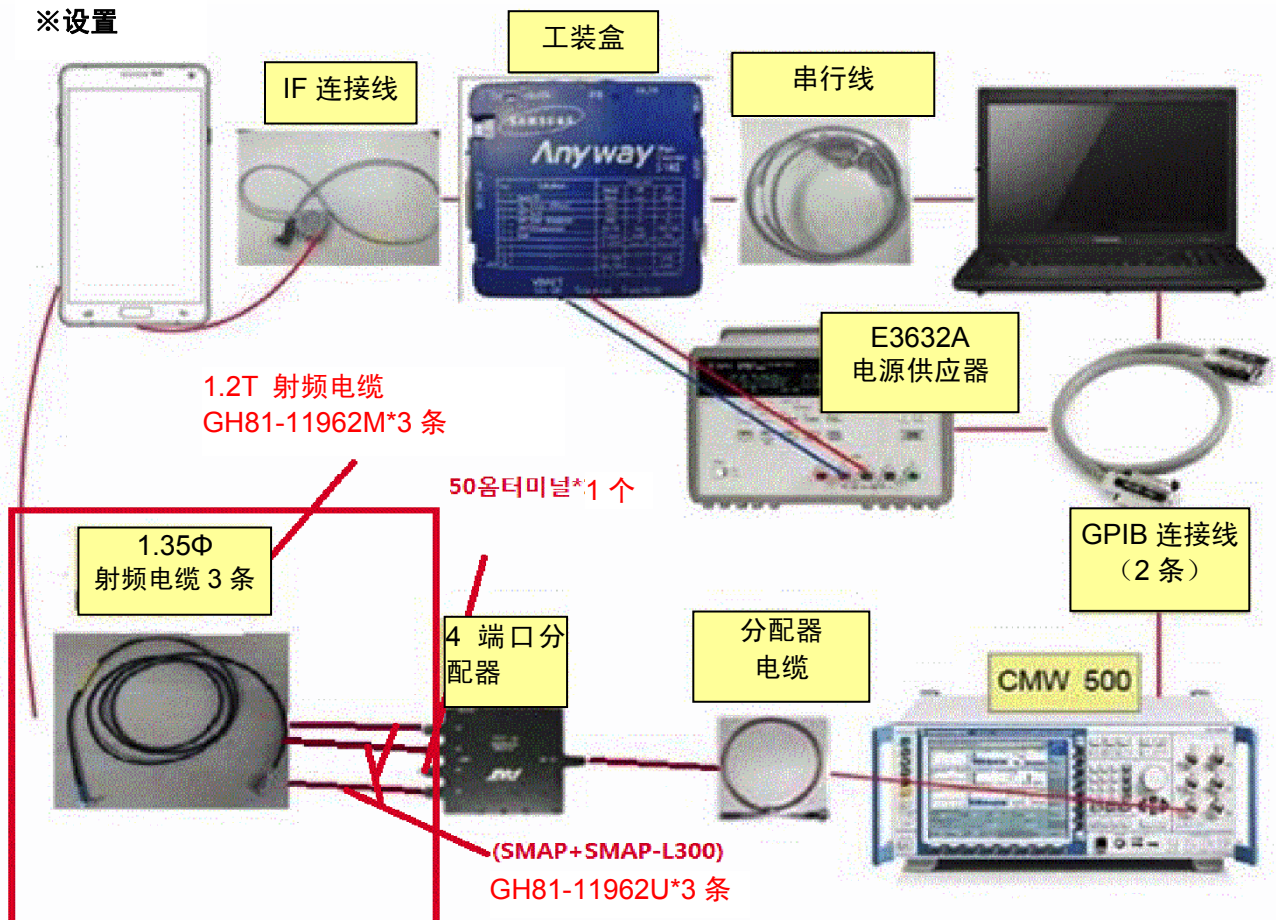
- 安装程序：射频校准程序
 - Daseul_Launcher_vx.x.xx.exe
 - Daseul_CAL_ALL_Runtime_x.x.xxx.x.CAB
 - 型号文件 ([SM-C9000_OPEN_CALIBRATION_Ver_3.1.131.0.CAB](#))

※ 需要使用最新的程序。

- SM-C9000手机
- E3632A电源供应器
- 工装盒 (PDC-1CH 7A S103)
- 适配器 (GH81-11888K)
- 1.35Φ射频电缆 (GH81-11962M 3条)
- 分配器电缆 (GH81-11962B 1条)
- 测试电缆表
- R&S CMW500
- GPIB连接线 (2条)
- IF连接线 (GH81-11962W)
- UART串行线
- 4端口分配器 (GH81-11962A 1个)

IF连接线	GH81-11962W			
	USB C type			
射频电缆 (手册)	GH81-11962M	GH68-11962U		
	1.2T, 102mm 3个 	SMAP, 300mm 3个 		
4端口分配器	GH81-11962A	GH81-11962B	GH81-11962E	
	分配器 1个 	分配器电缆 1个 	50Ω终端 1个 	




6.1 级维修



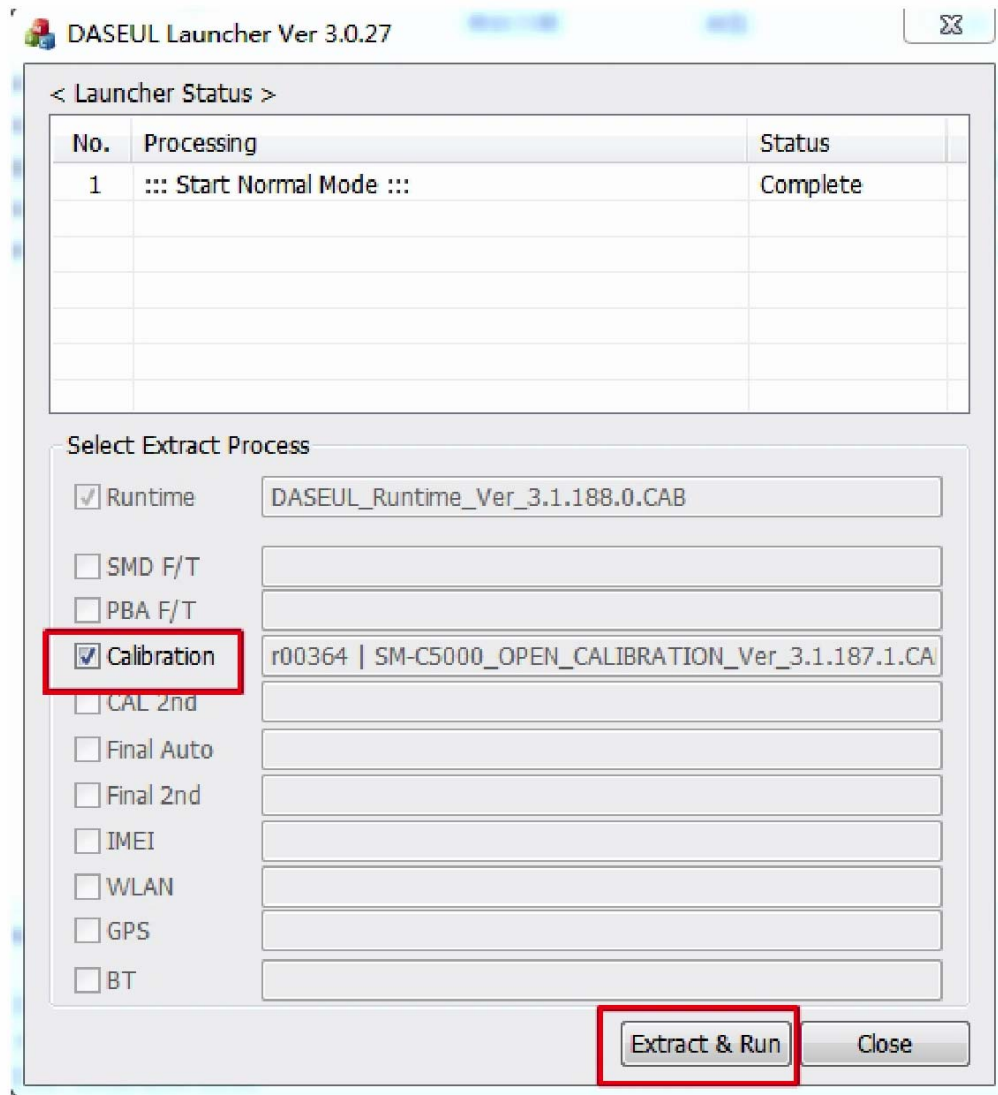
6.1 级维修

6-3-2. 射频校准程序

1. 运行射频校准程序启动器，'DASEUL_Launcher_vx.x.xx.exe'。

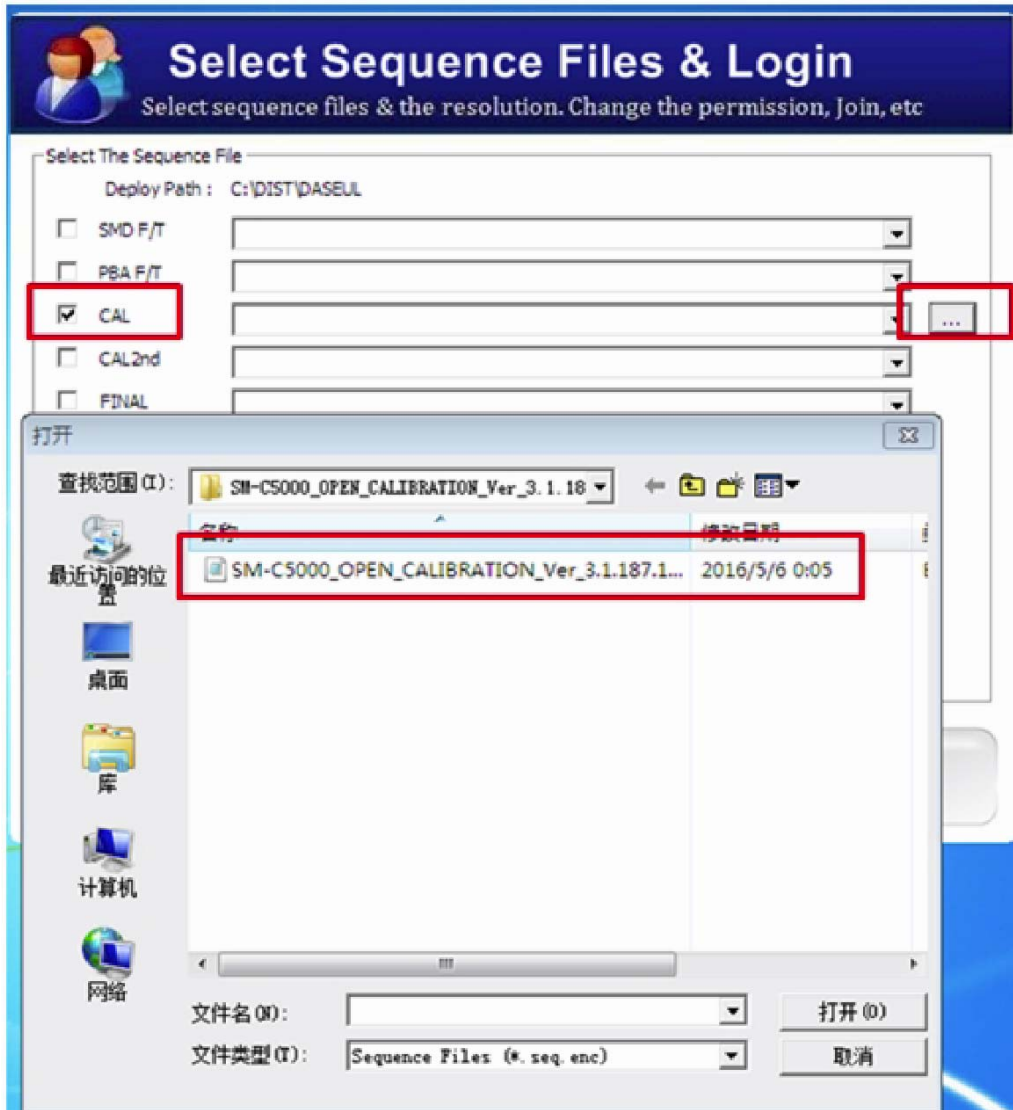
 DASEUL_CAL_ALL_Runtime_3.1.172.0_r...	2015/10/10 9:19	ALZip cab 文件	102,253 KB
 DASEUL_Launcher_v3.0.27.exe	2015/8/31 14:26	应用程序	5,891 KB
 SM-C5000_OPEN_CALIBRATION_Ver_...	2015/10/10 9:36	ALZip cab 文件	219 KB

2. 复选'Calibration'菜单，并选择'Extract & Run'。



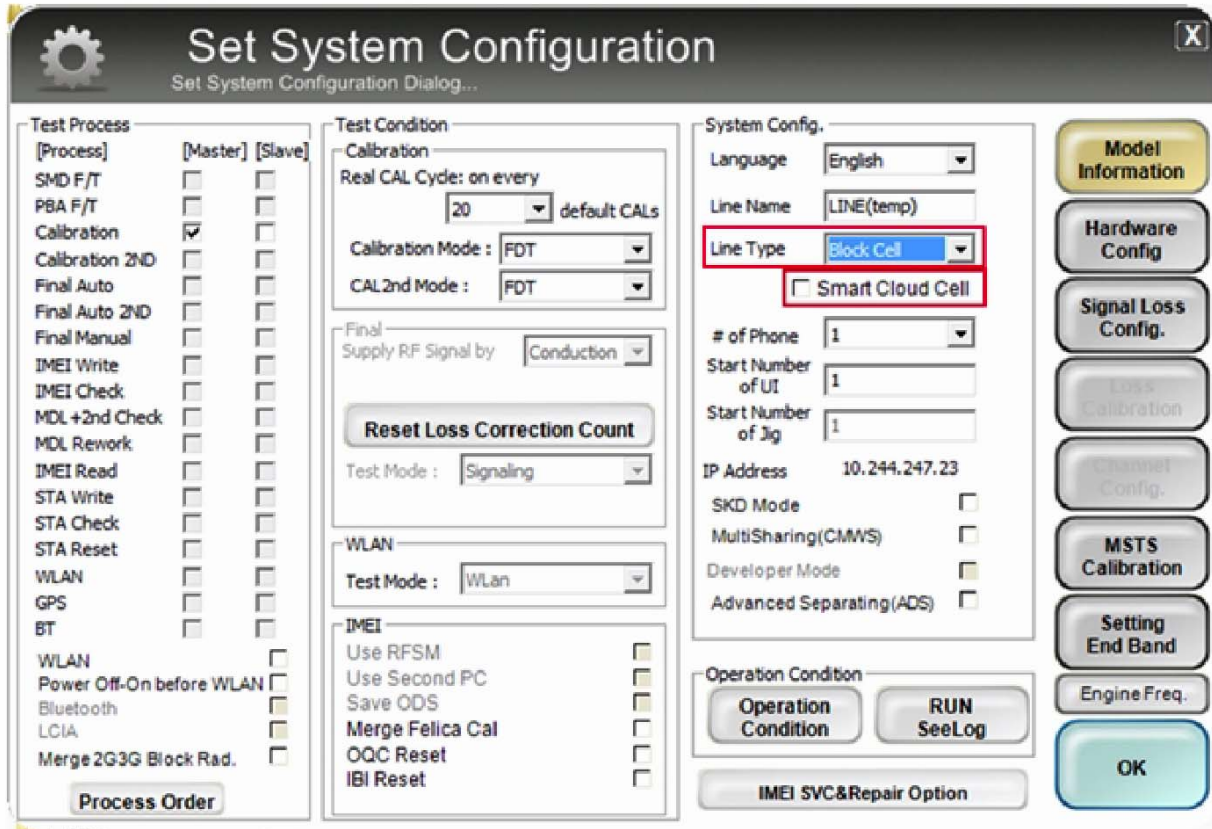
6.1 级维修

3. 复选'CAL'并打开Model file，然后选择'Start'按键。



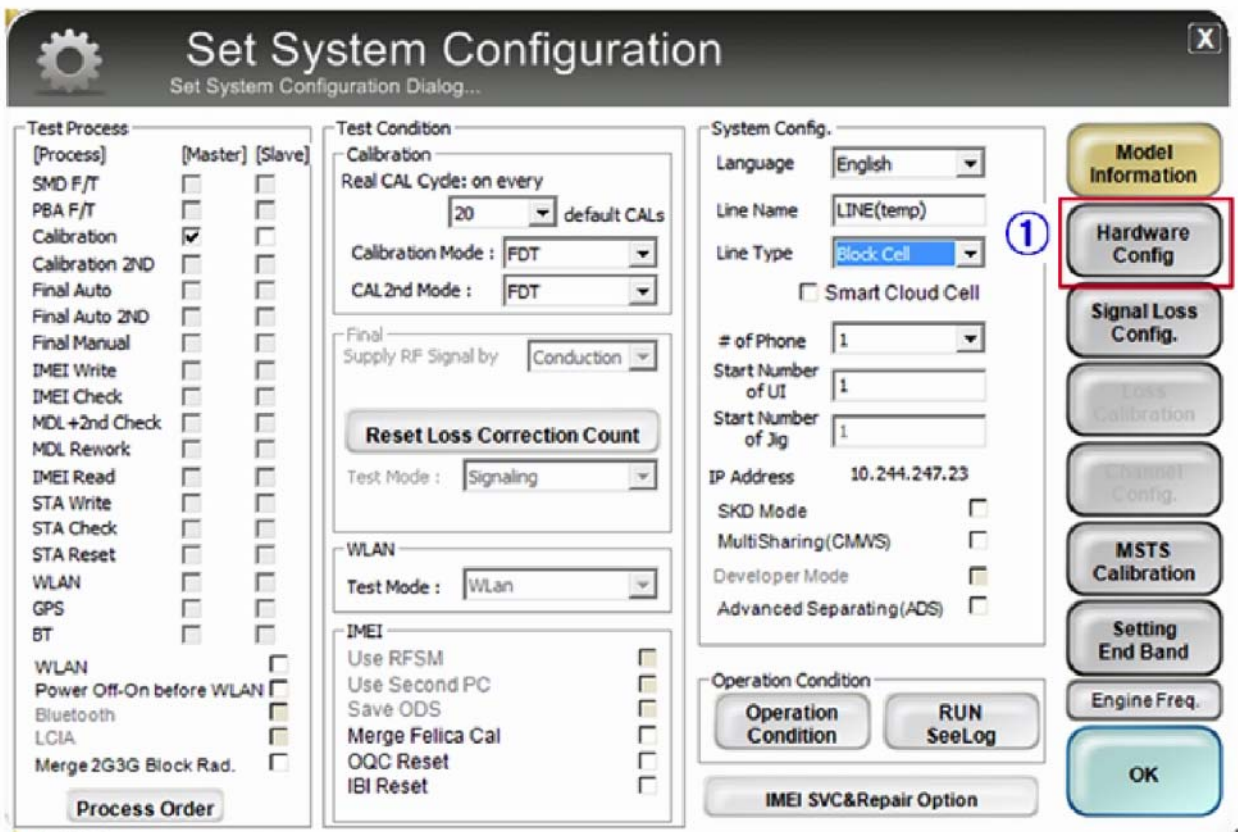
6. 1 级维修

4. 将Line Type改为'Block Cell'并禁用'Smart Cloud Cell'。

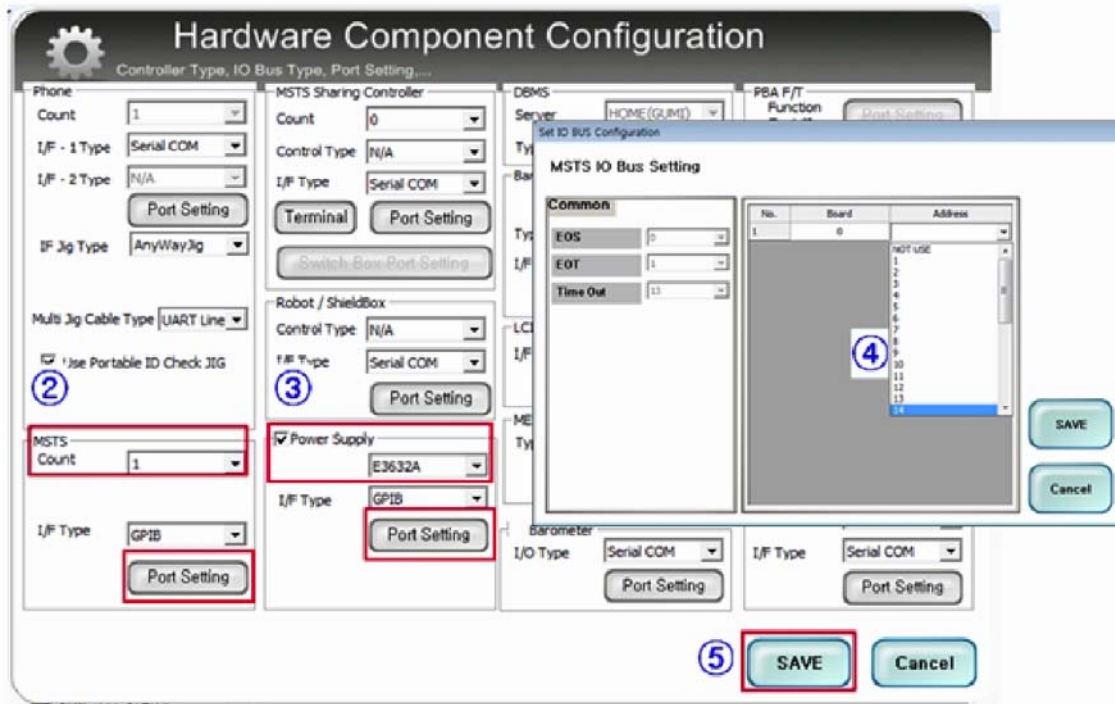


6.1 级维修

5. 设置MSTS（CMW500）与电源供应器（E3632A）的GPIB地址，

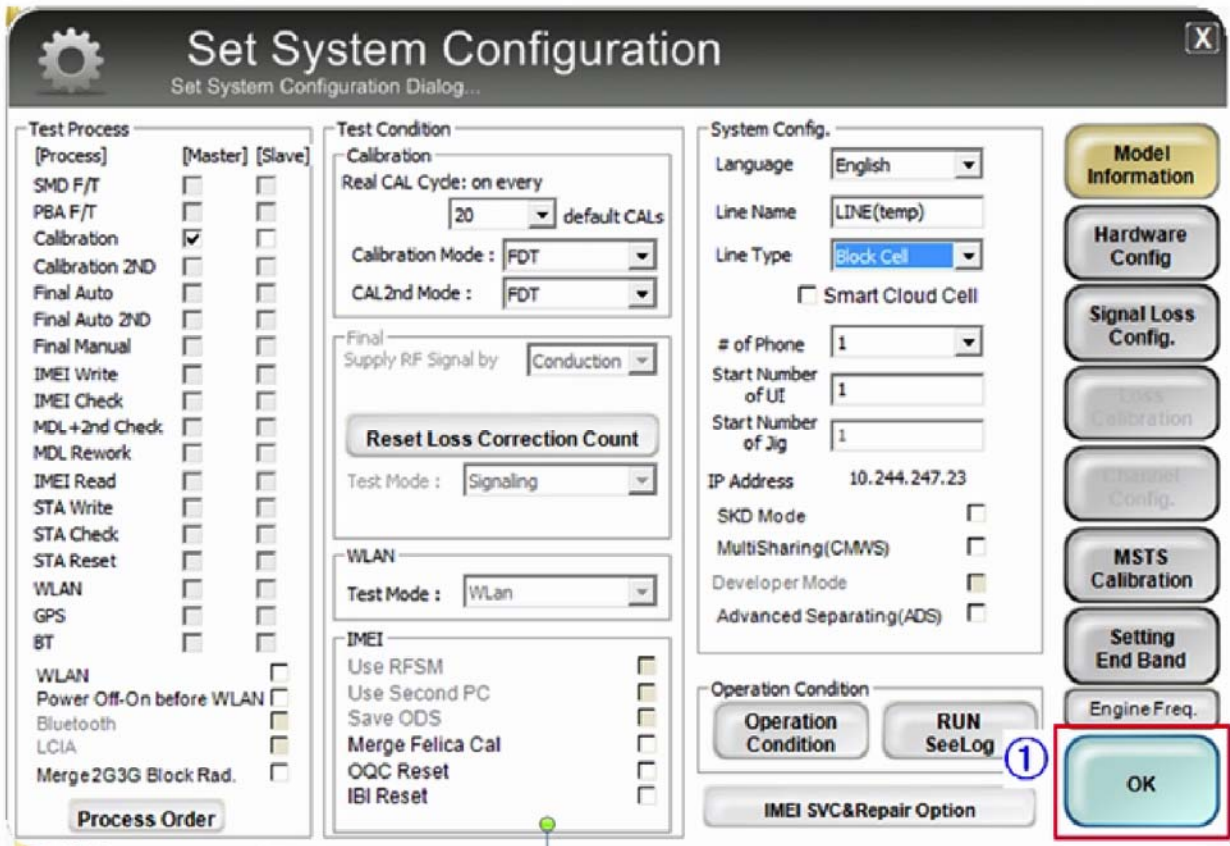


进入'Hardware Config'，点击'Save'。（提前复选设备GPIB地址）



6. 1 级维修

6. 完成全部设置以后，按下'OK'，启动射频校准。



7.2 级维修

7-1. 扬声器模块维修

7-1-1. 注意

- 更换扬声器时，需要对扬声器进行校准。
- 目标型号：Galaxy A（A3/5/7/8/9），E（E5/7）系列

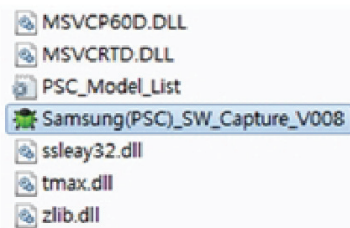
7-1-2. 需要：

- 移动设备
- 便携式电脑或者笔记本电脑
- Anyway工装
- UART串行线
- IF测试电缆（根据型号不同而有所不同）

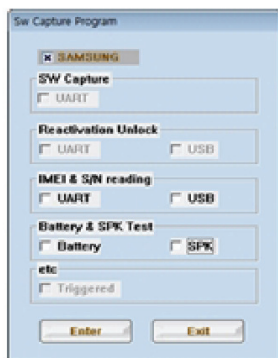
7-1-3. 布局



7-1-4. 如何进行扬声器校准



①运行“Samsung（PSC）_SW_Capture_V008.exe”。

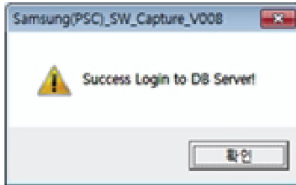


②复选框中的“SPK”项目。

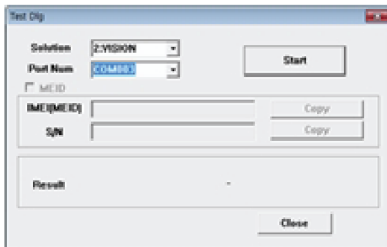
7.2 级维修



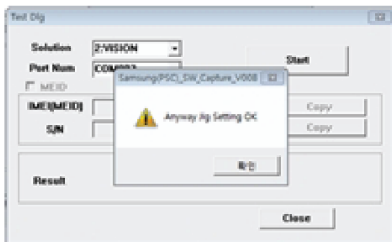
③输入 GSPN ID 与密码，然后按下“OK” 键。



④确认登录至 DB Server，按下 '확인' 键。

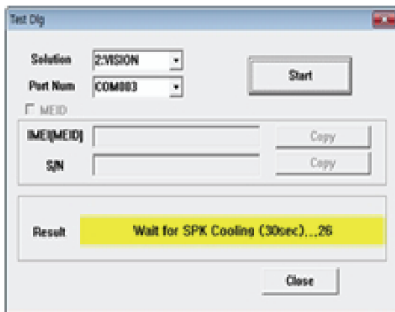


⑤设置端口编号并按下“Start”键。



⑥确认 Anyway 工装设置，并按下 '확인' 键。

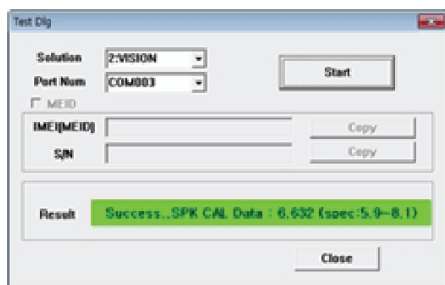
⑦将移动设备与 IF 测试电缆连接起来，然后按下电源键开机。
※测试前应将手机关机。



⑧启动完成后将在 30 秒钟之内进行扬声器校准。

※为更准确检测，必须将液晶显示屏打开。

7.2 级维修



⑨确认扬声器校准是否成功完成。

7.2 级维修

7-2-1. 注意

- 更换电池时，需要对电池累计使用情况进行初始化。

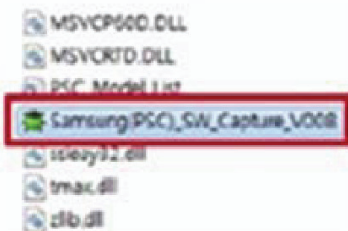
7-2-2. 需要：

- 移动设备
- 便携式电脑或者笔记本电脑
- Anyway工装
- UART串行线
- IF测试电缆（根据型号不同而有所不同）

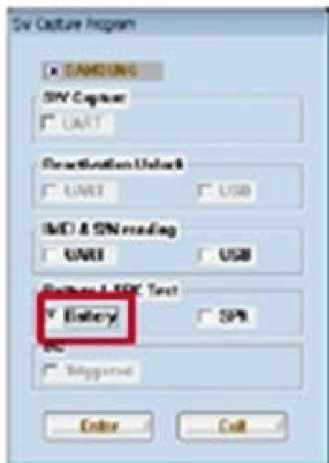
7-2-3. 布局图



7-2-4. 如何初始化电池累计使用情况

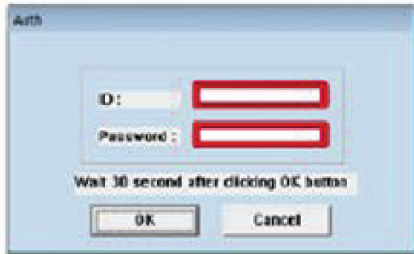


①运行“Samsung (PSC)_SW_Capture_V008.exe”。

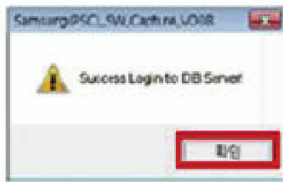


②复选框中的“Battery”选项。

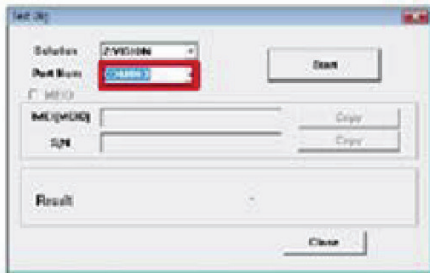
7.2 级维修



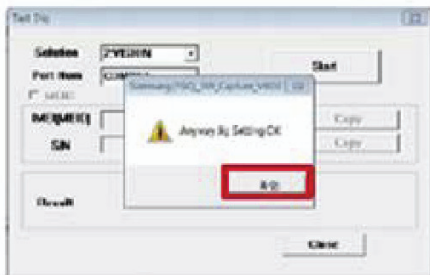
③输入 GSPN ID 与密码，然后按下“OK”键。



④确认登录至 DB Server，按下 '확인' 键。



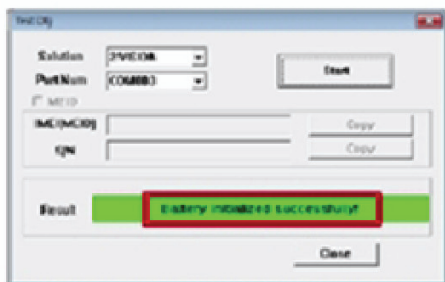
⑤设置端口编号并按下“Start”键。



⑥确认 Anyway 工装设置，按下 '확인' 。

⑦将移动设备与 IF 测试电缆连接起来，然后按下电源键开机。

※测试前应将手机关机。



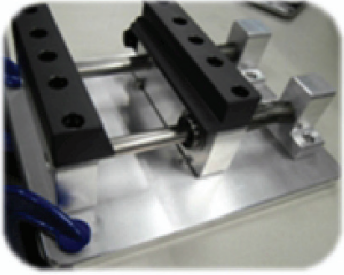
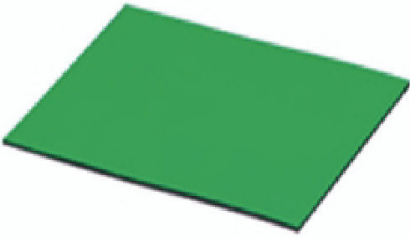
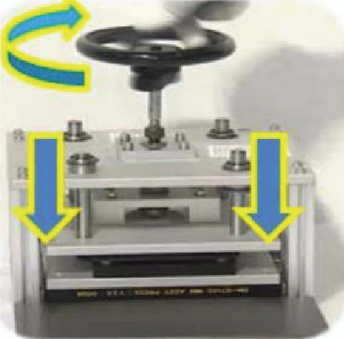





⑧启动完成后将进行电池累计使用情况初始化。

※为更准确检测，必须将液晶显示屏打开。



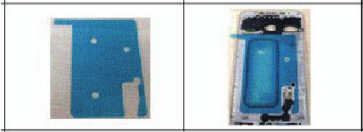
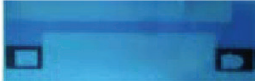

7.2 级维修

7-3. 必要工具

	
镊子/拆卸棒/螺丝刀	防静电手套
	
OCTA 拆卸架	防静电垫子
	
OCTA 安装工装	玻璃吸盘（2个）
	
酒精	加热箱

7.2 级维修

7-4. 维修后需要更换的部分

BOM 描述	图片	备注
A/S-胶贴 主屏幕维修 [GH02-13741A] [GH02-13607A]	 <p>[顶部_ GH02-13741A]</p> <p>[底部_ GH02-13607A]</p>	
A/S- OCTA_CU 垫片维修 [GH81-14262A]		
A/S-双面胶贴-HR 维修 [GH02-13682A]		维修前部时 进行更换
触摸键再作业胶贴维修 [GH81-14270A]		
SCF 胶贴维修 [GH81-14272A]		

7.2 级维修

7-5. 拆卸

※注意应佩戴防静电手环！

	
<p>[1] 1) 将加热箱温度调整到 60℃，将设备放置在加热箱中加热 3 分钟，然后取出设备。 2) 使用吸盘拆卸 OCTA。</p>	<p>[2] 拆卸 OCTA 连接器。</p>
	
<p>[3] 松开 20 个螺钉。 ※ 注意 小心不要造成划痕和损坏。</p>	<p>[4] 从托架组件上拆卸后盖。(从上到下) ※ 注意 小心不要造成损坏。</p>

7.2 级维修



[5] 拆卸主屏幕键连接器。

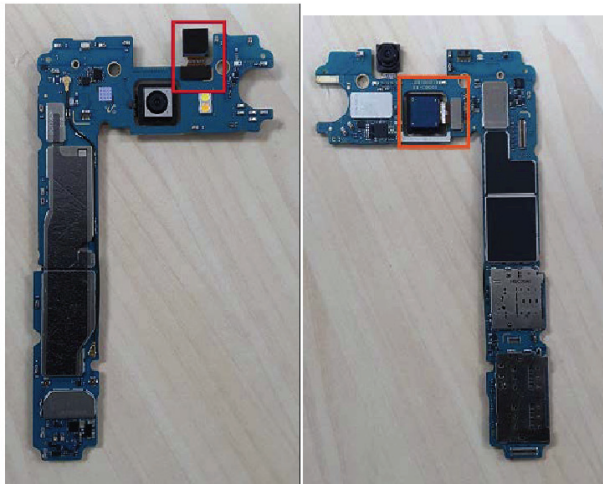


[6]

- 1) 拆卸电池连接器。
- 2) 使用拆卸棒拆卸同轴电缆、副 PBA 连接器。
- 3) 从托架分离 PBA。

※ 注意

- 1) 小心不要造成损坏。
- 2) 拆卸 PBA 连接器之后，分离 PBA。
- 3) 使用拆卸棒。



[7] 在 PBA 上拆卸 Mega 摄像头和前置摄像头。

※ 注意

小心不要造成损坏。



[8] 拆卸 RCV、电机、电池。

7.2 级维修



[9]

- 1) 松开 1 个螺钉。
- 2) 从托架上拆卸触摸键和副 PBA。

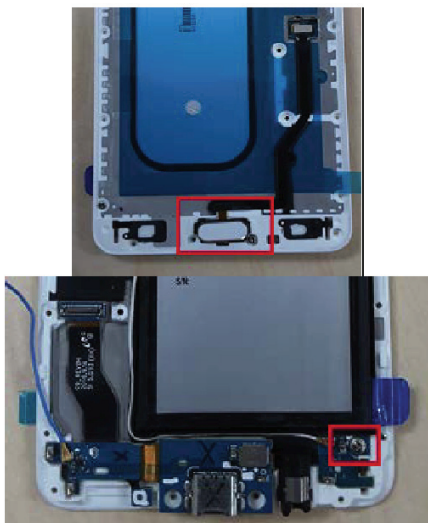
※ 注意

小心不要造成损坏。

7.2 级维修

7-6. 组装

※注意应佩戴防静电手环!



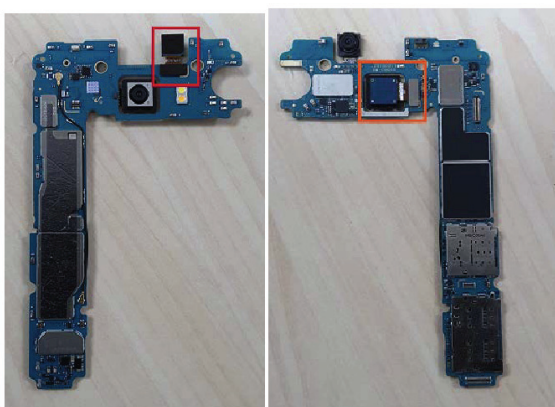
[1]

- 1) 组装主屏幕键。
- 2) 组装副 PBA 并拧紧 1 处螺钉。



[2]

- 1) 组装电机、RCV。
- 2) 使用电池按压工装按压电池。



[3]

- 1) 组装 Mega 摄像头和前置摄像头。
- ※ 注意
小心不要造成损坏。



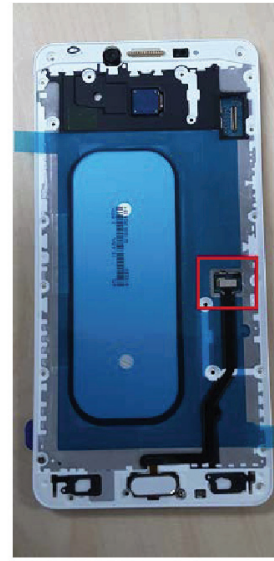
[4]

- 1) 组装副 PBA 连接器。
- 2) 将 PBA 组件放置在托架上。
- 3) 组装电池连接器。

7.2 级维修



[5] 组装同轴电缆。



[6] 组装主屏幕键连接器。

※ 注意

小心不要造成损坏。



[7]
1) 将后盖组装到托架组件上（从下到上）。



[8] 拧紧 20 处螺钉。

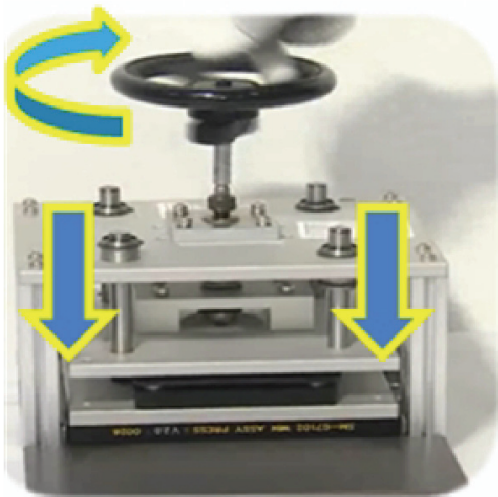
7.2 级维修



[9] 分离托架上的胶贴。

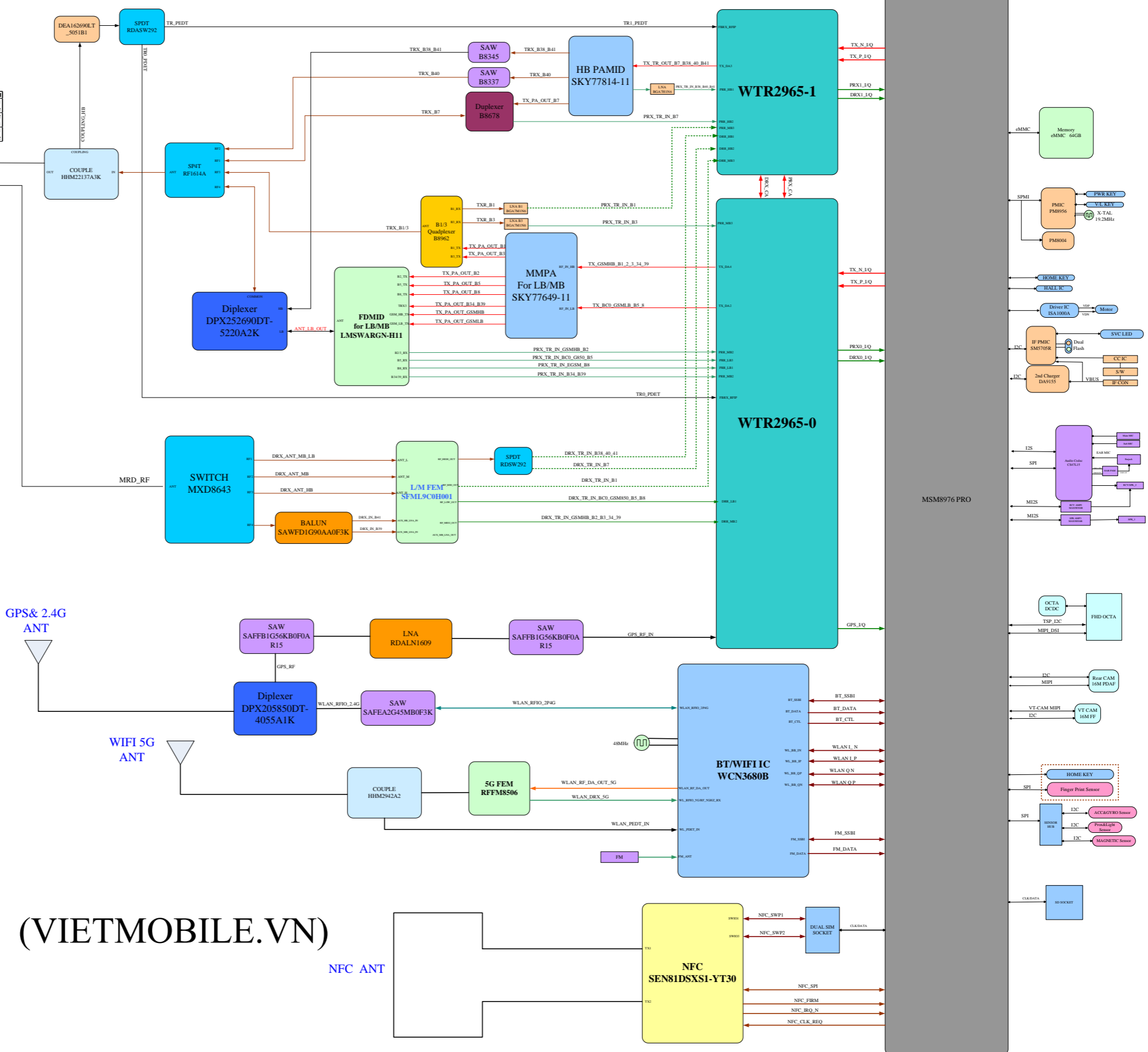
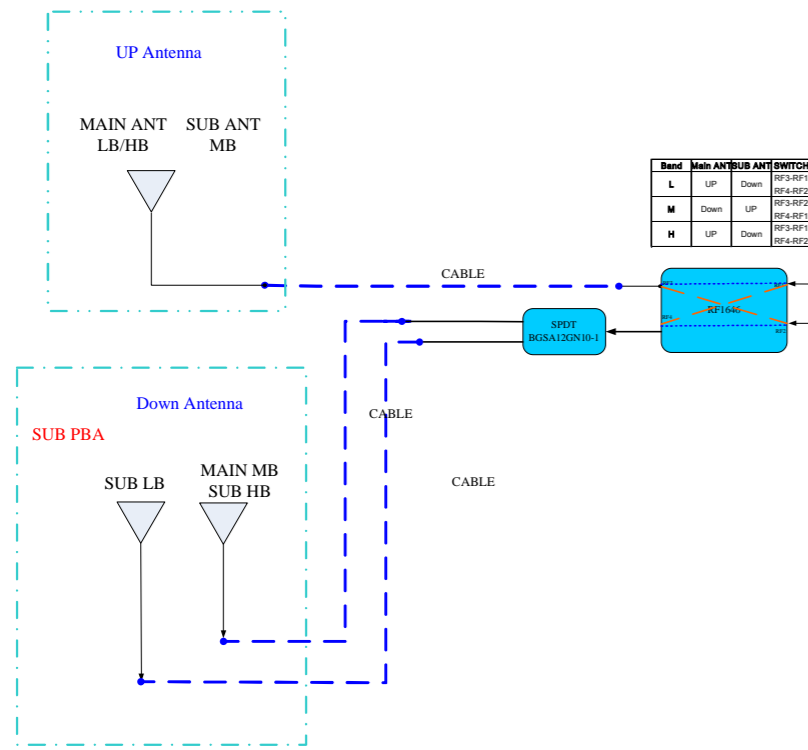


[10]
1) 组装 OCTA 连接器。
2) 组装 OCTA。



[11] 使用 OCTA 按压工装按压设备（1N，1 分钟）

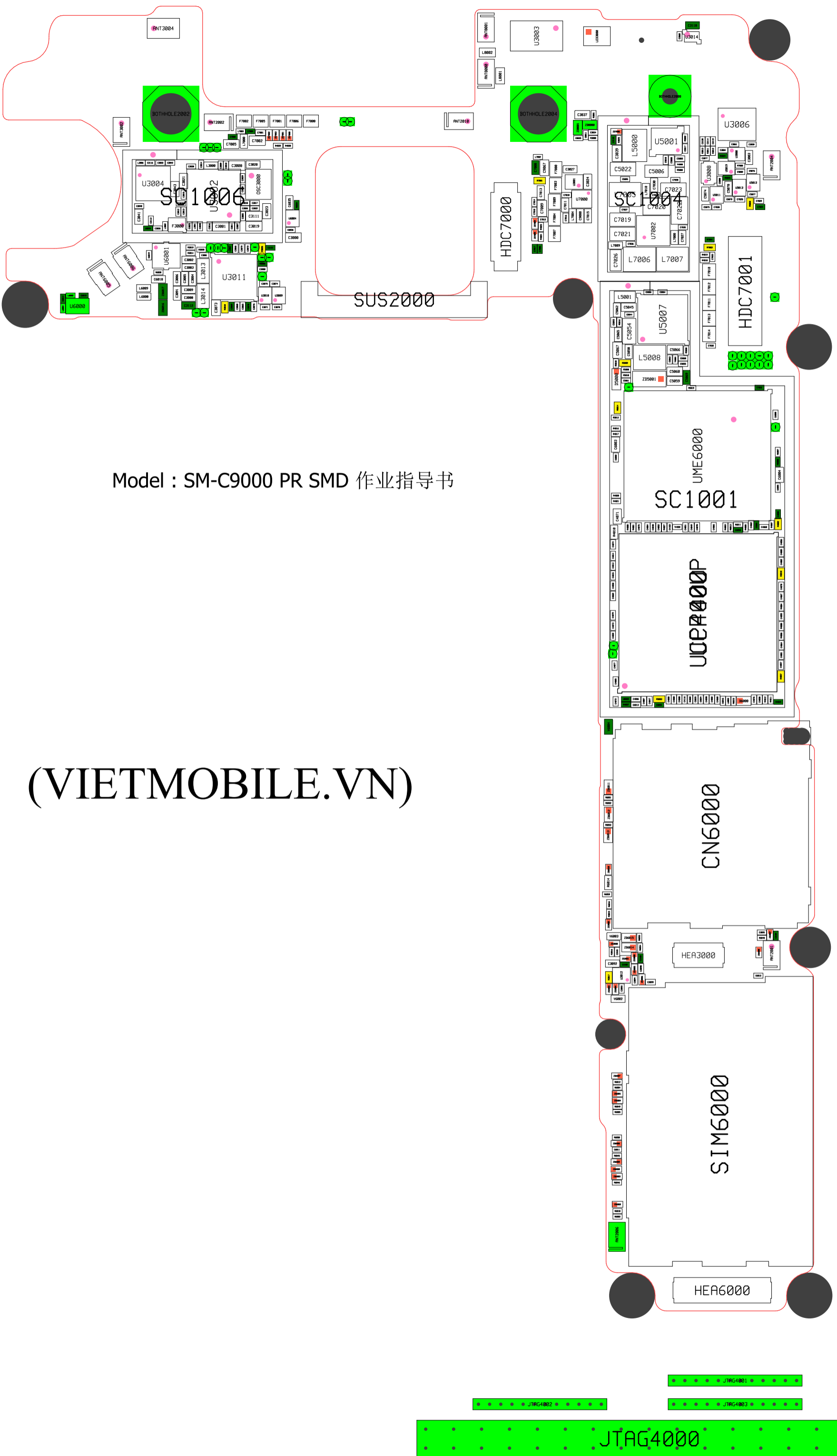
SM-C9000 SVC Manual Block Diagram



(VIETMOBILE.VN)

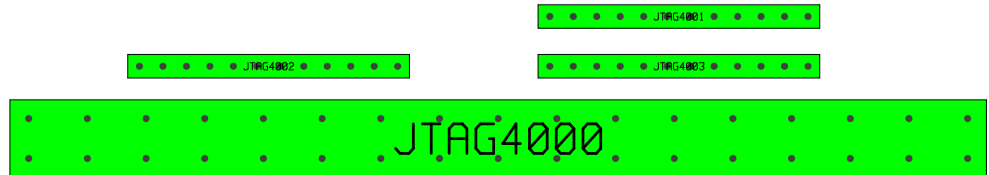
Information of RF Bands supported on SM-C9000 Model

- GSM850 : Rx : 869.2 ~ 893.8 MHz / Tx : 824.2 ~ 848.8 MHz
- GSM1900 : Rx : 1930.2 ~ 1989.8 MHz / Tx : 1850 .2 ~ 1909 .8 MHz
- GSM900 : Rx : 925.2 ~ 959.8 MHz / Tx : 880.2 ~ 914.8 MHz
- GSM1800 : Rx : 1805.2 ~ 1879.8 MHz / Tx : 1710 .2 ~ 1784 .8 MHz
- WCDMA Band 2 : Rx : 1930 ~ 1990 MHz / Tx : 1850 ~ 1910 MHz
- WCDMA Band 5 : Rx : 871.4 ~ 891.6 MHz / Tx : 826.4 ~ 846.6 MHz
- WCDMA Band 1 : Rx : 2112.4 ~ 2167 .6 MHz / Tx : 1922.4 ~ 1977.6 MHz
- WCDMA Band 8 : Rx : 927.4 ~ 957.6 MHz / Tx : 882.4 ~ 912.6 MHz
- CDMA BC0: RX: 869~894MHz / TX: 824~894MHz
- LTE Band 5 : Rx : 869 ~ 864 MHz / Tx : 824 ~ 849 MHz
- LTE Band 41 : 2555MHz~2655MHz
- LTE Band 1 : Rx : 2110 ~ 2170 MHz / Tx : 1920 ~ 1980 MHz
- LTE Band 3 : Rx : 1805 ~ 1880 MHz / Tx : 1710 ~ 1785 MHz
- LTE Band 7 : Rx : 2620 ~ 2690 MHz / Tx : 2500 ~ 2570 MHz
- LTE Band 8 : Rx : 925 ~ 960 MHz / Tx : 880 ~ 915 MHz
- LTE B38: 2570~2620 MHz
- LTE B39: 1880~1920 MHz
- LTE B40: 2300~2400 MHz
- BT/BLE/ANT+ : 2402 ~ 2480 MHz
- WLAN :
- 5180 ~ 5240 MHz / 5260 ~ 5320 MHz / 5500 ~ 5700 MHz
- 5745 ~ 5825 MHz
- DTS : 2412 ~ 2472 MHz
- UNII : Ch144,142,138 not support

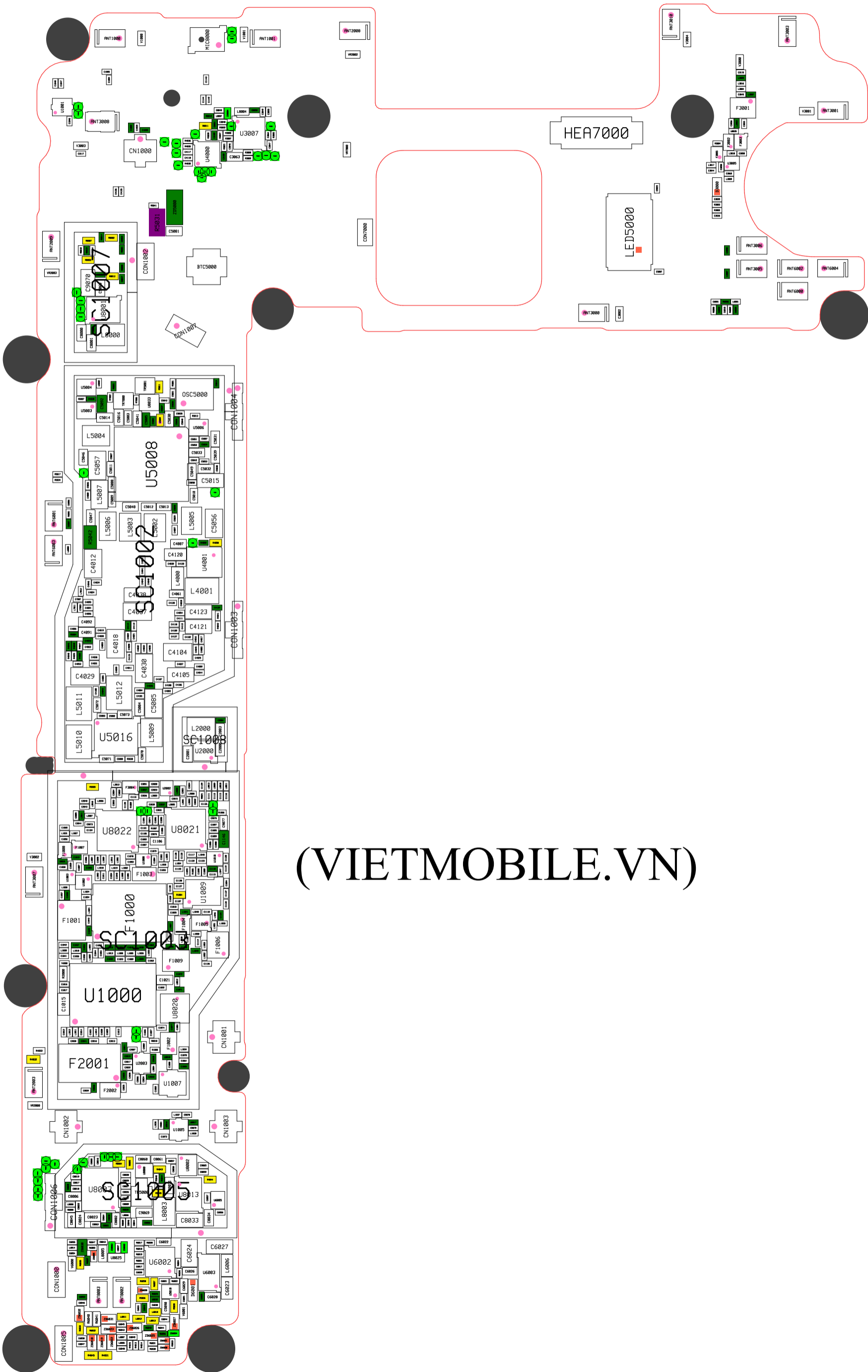


Model : SM-C9000 PR SMD 作业指导书

(VIETMOBILE.VN)



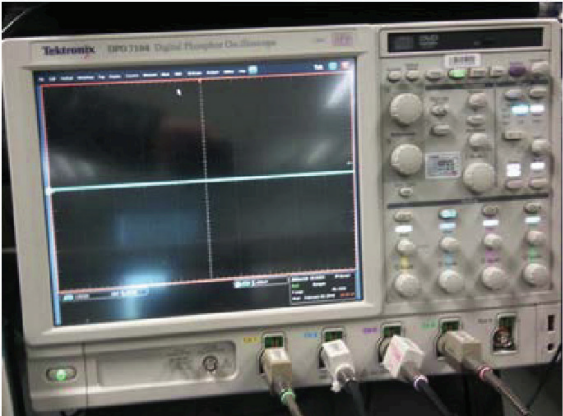
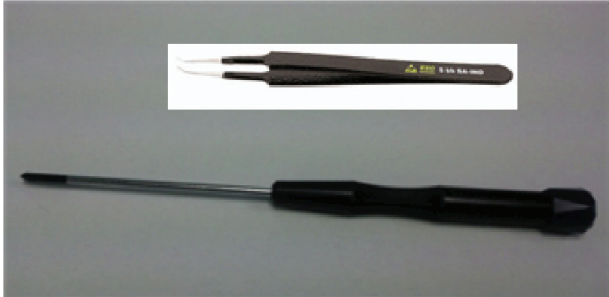
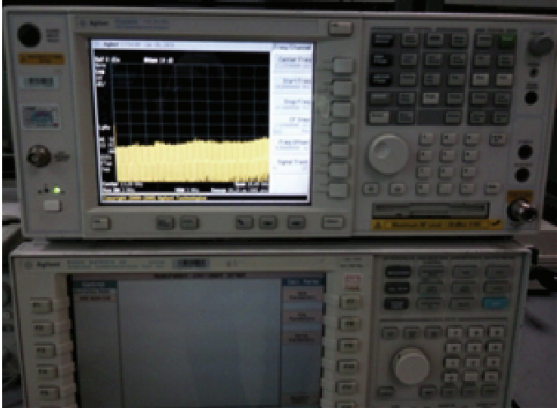
Model : SM-C9000 PR SMD 作业指导书



(VIETMOBILE.VN)

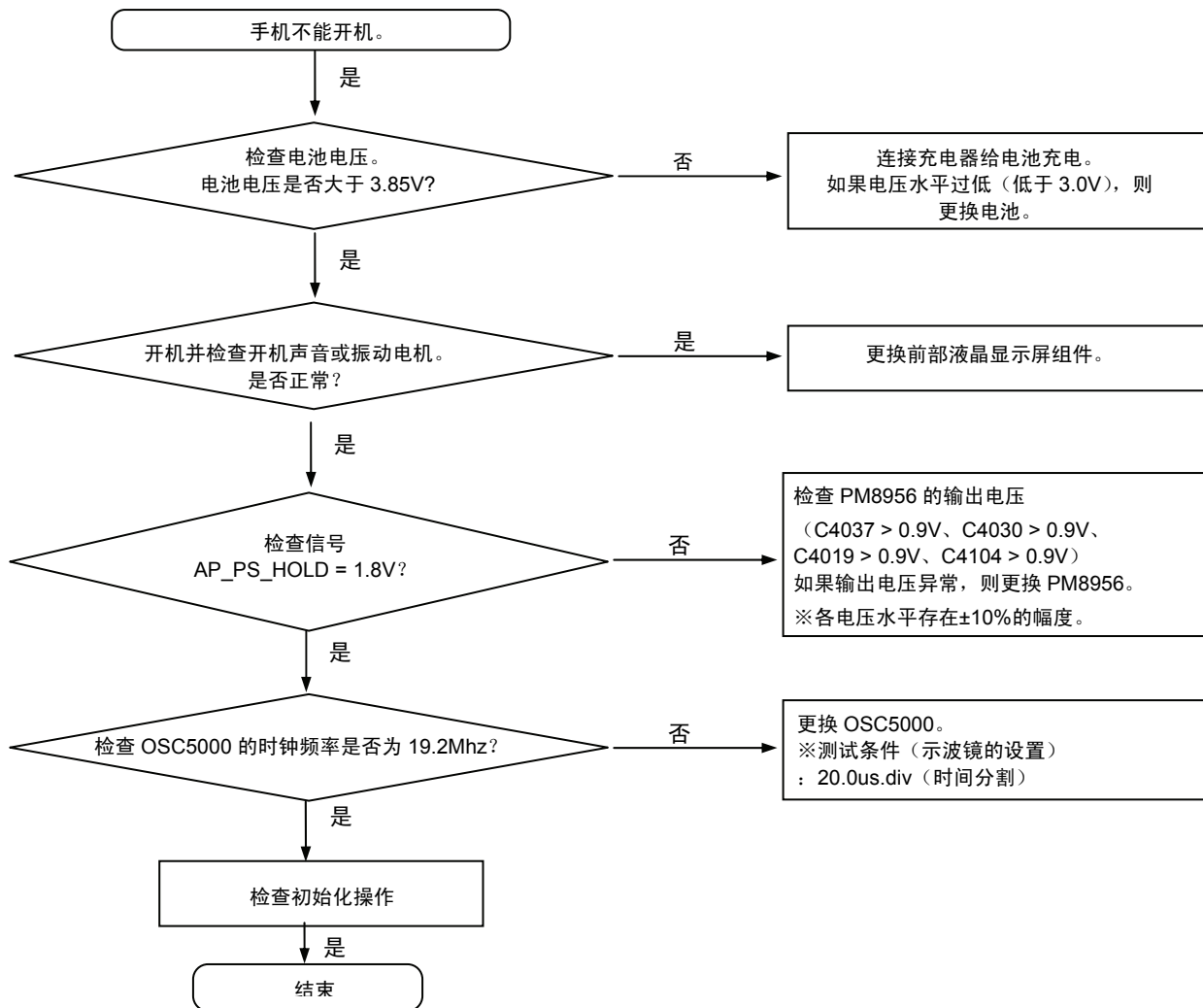
8.3 级维修

8-3. 故障排除流程图

	
<p>示波器</p>	<p>数字万用表</p>
	
<p>电源供应器</p>	<p>+字螺丝刀, ESD 安全镊子</p>
	
<p>8960和频谱仪</p>	<p>焊接烙铁</p>

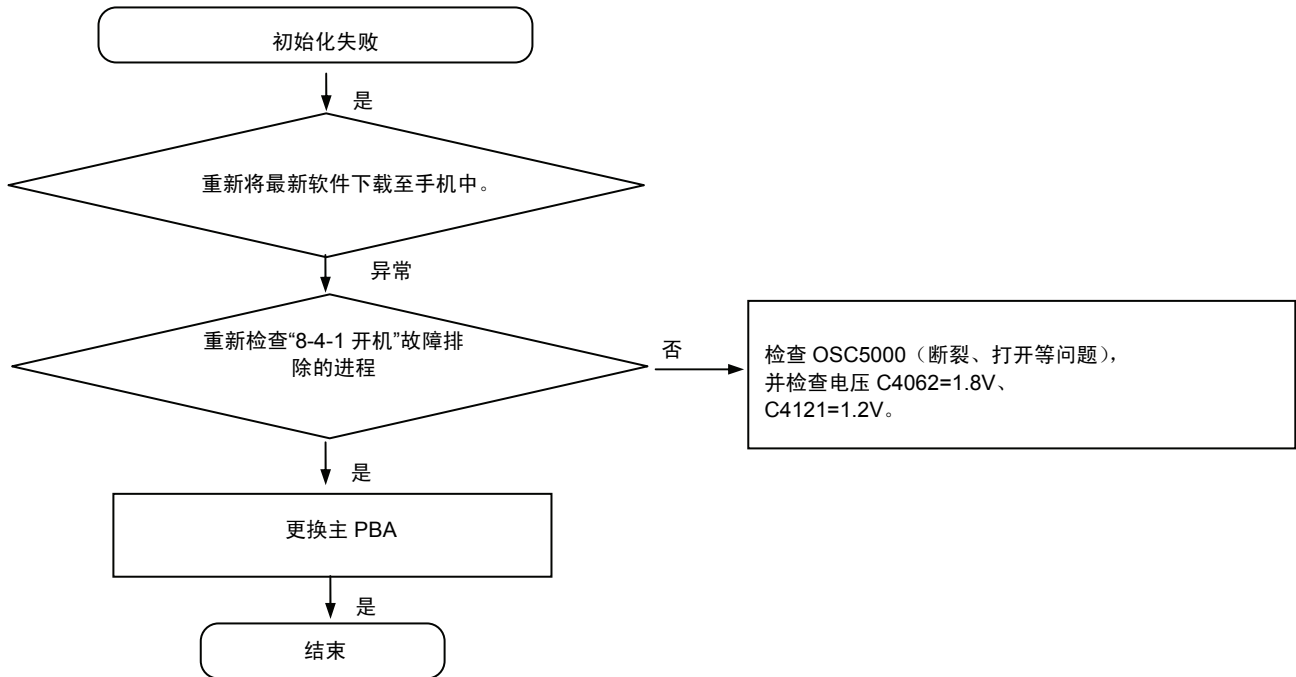
8.3 级维修

8-3-1. 开机



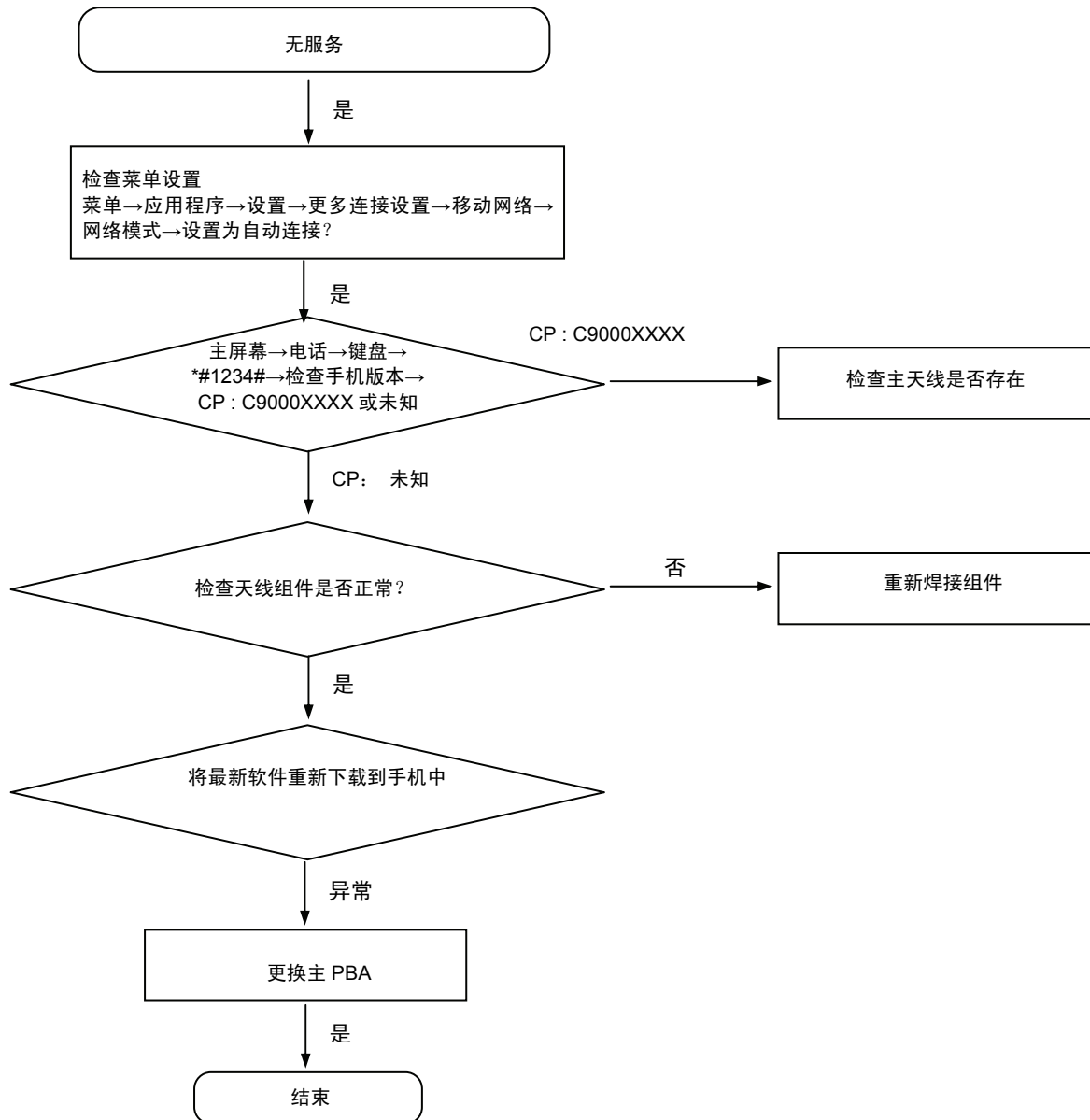
8.3 级维修

8-3-2. 初始化



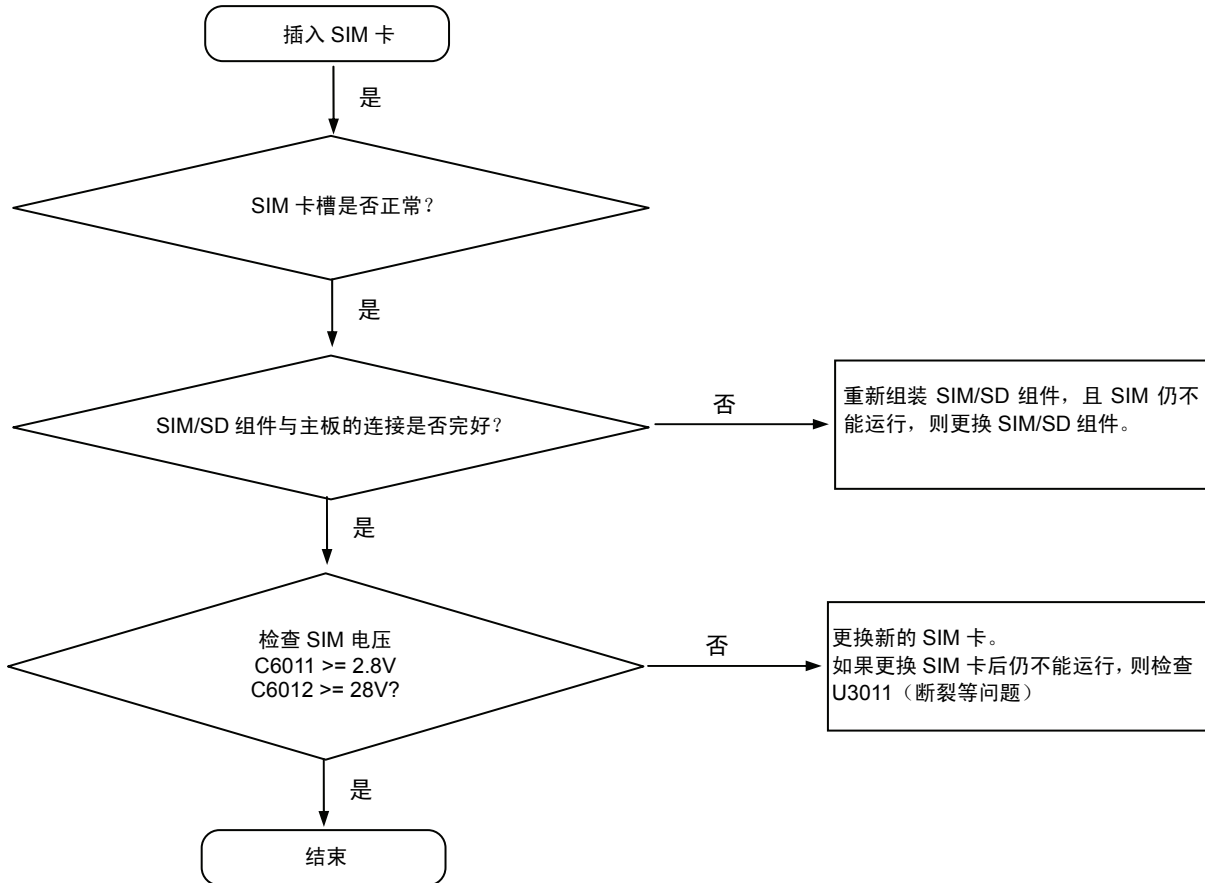
8.3 级维修

8-3-3. 无服务



8.3 级维修

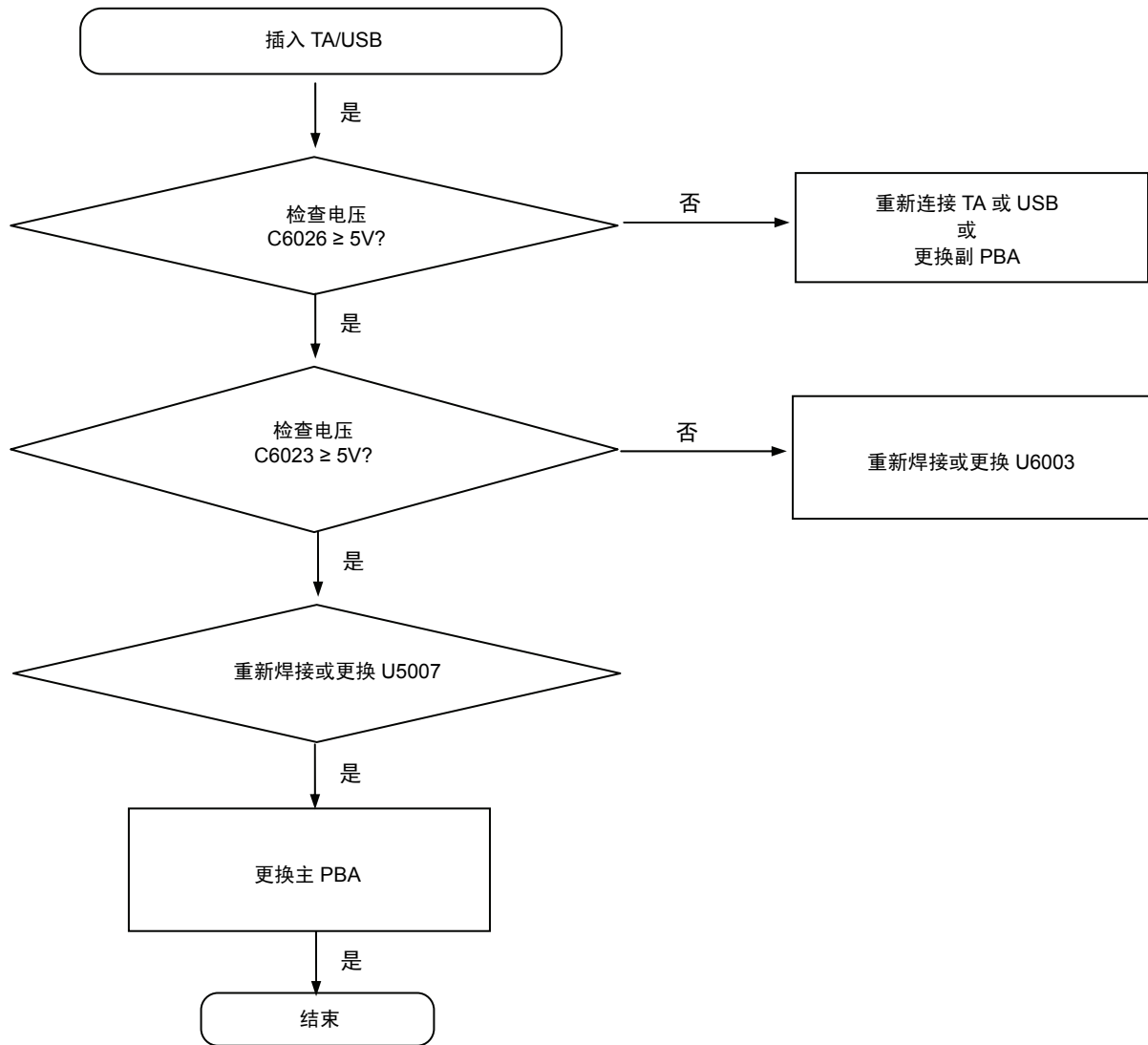
8-3-4. Sim 部分



8.3 级维修

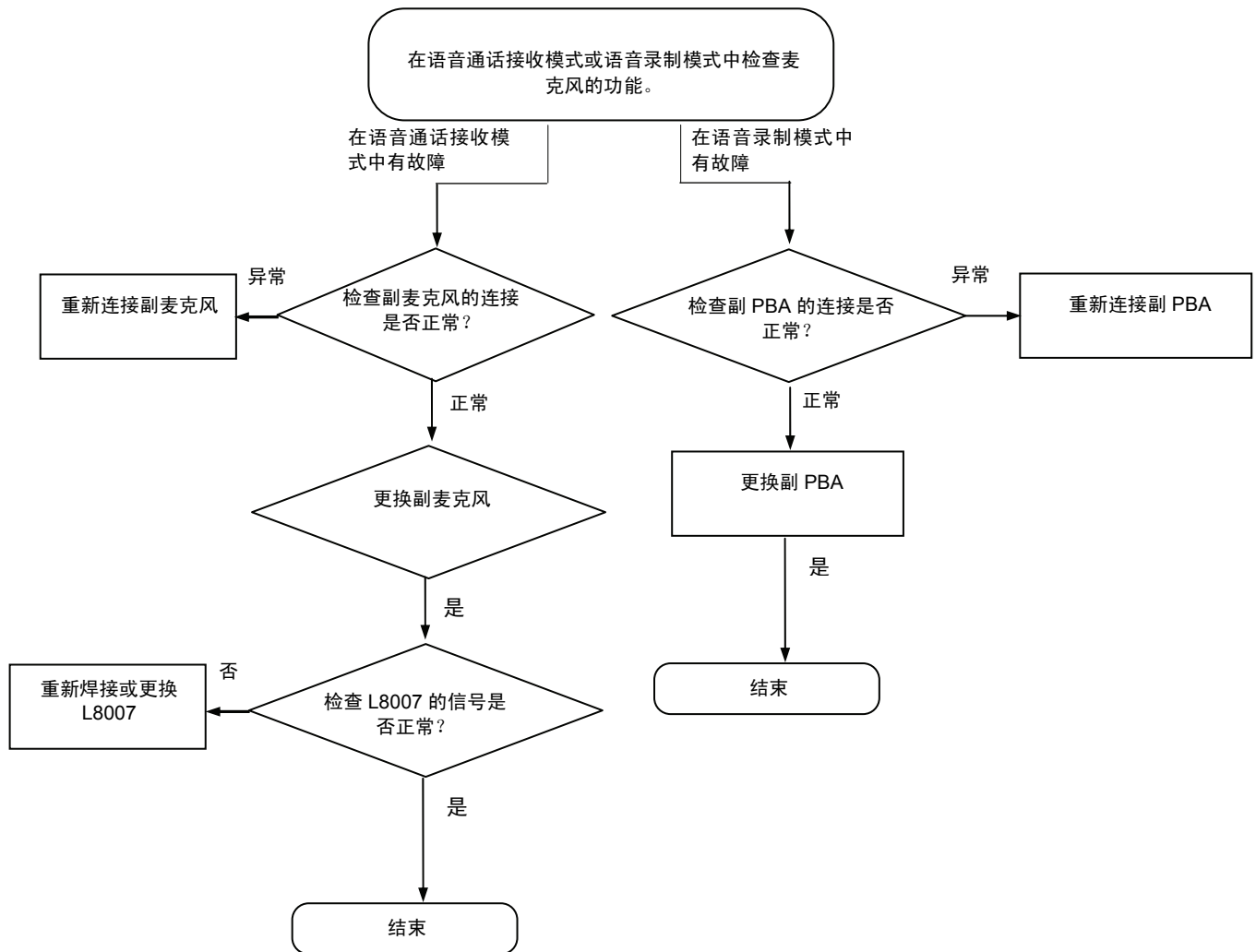
8-3-5. 充电部分

- 首先，请检查电池状态。



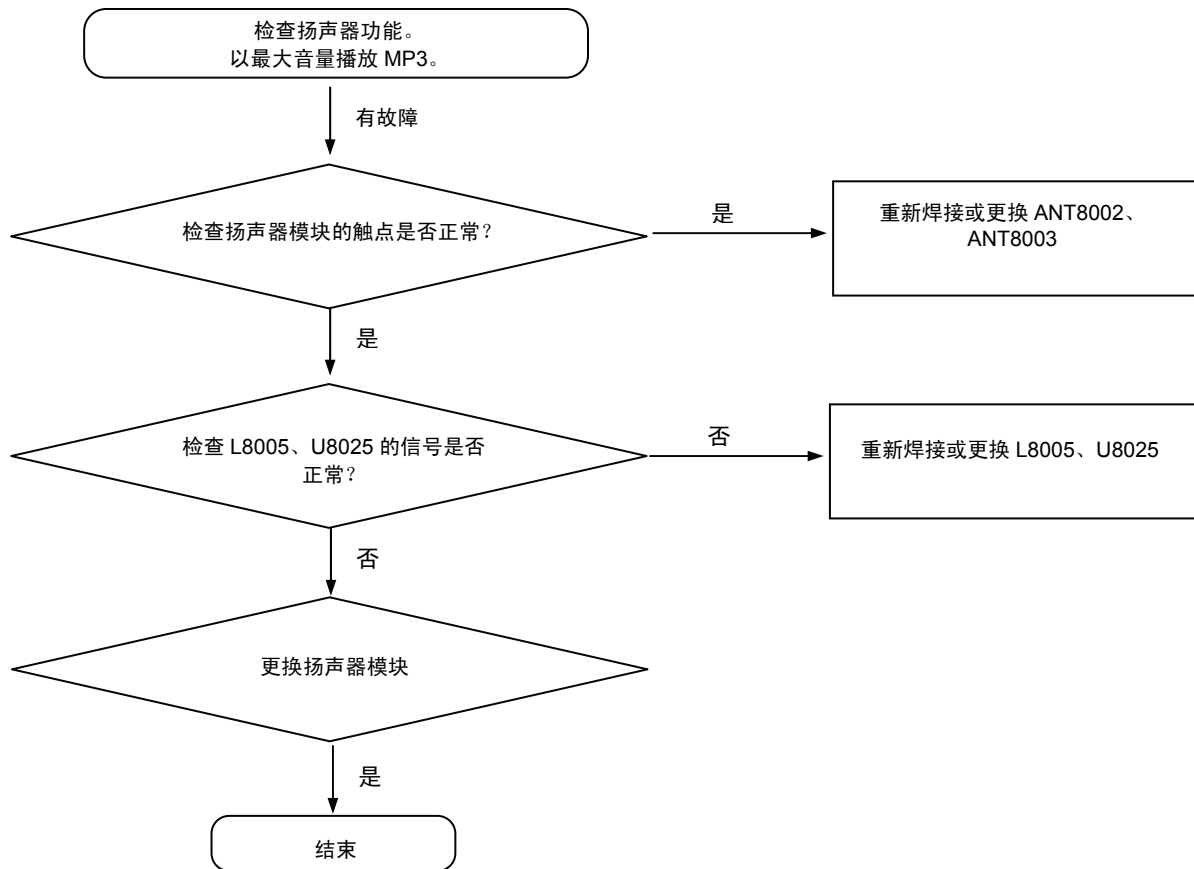
8.3 级维修

8-3-6. 麦克风部分



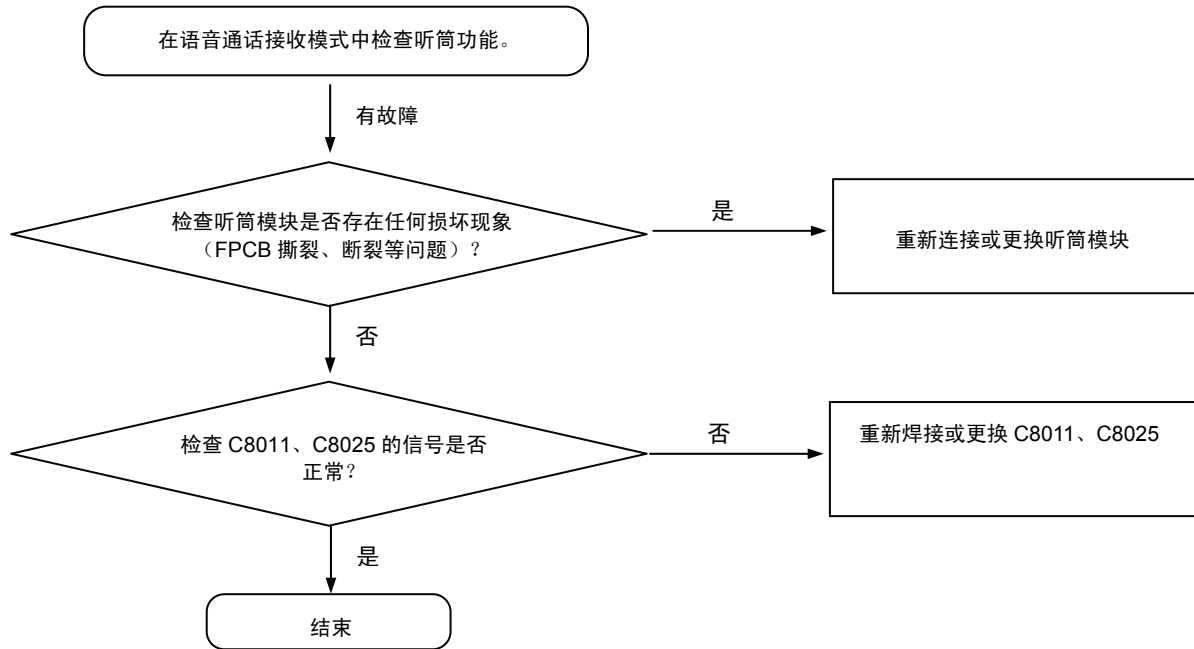
8.3 级维修

8-3-7. 扬声器部分



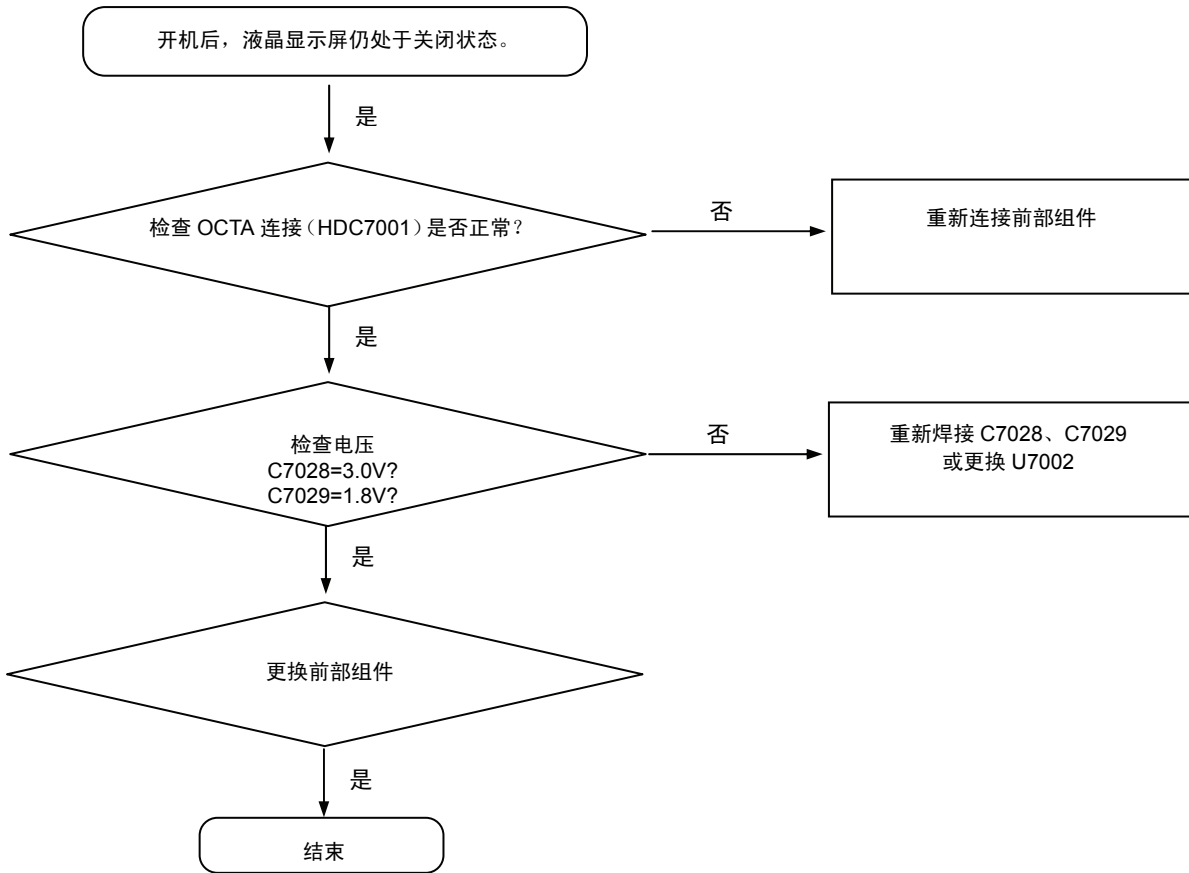
8.3 级维修

8-3-8. 听筒部分



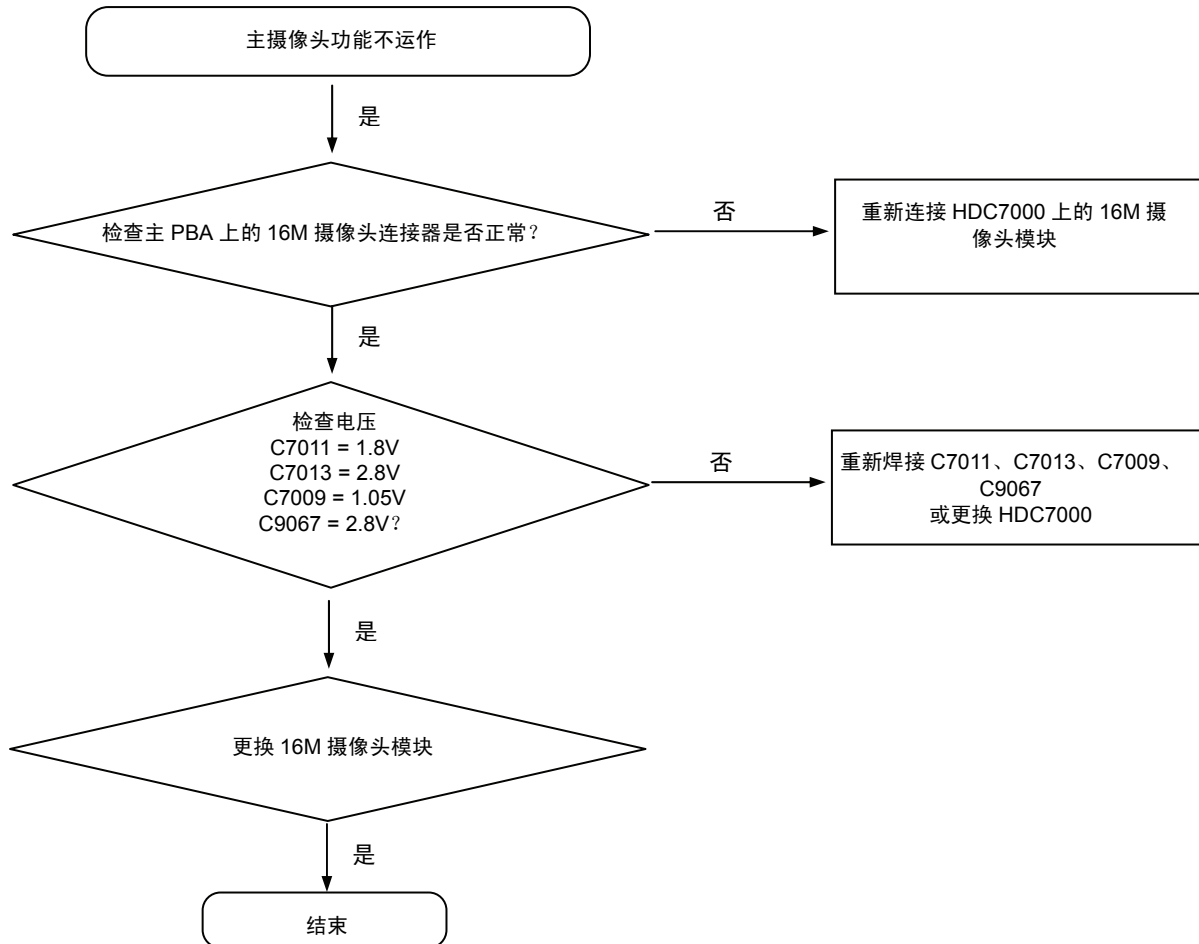
8.3 级维修

8-3-9. OCTA



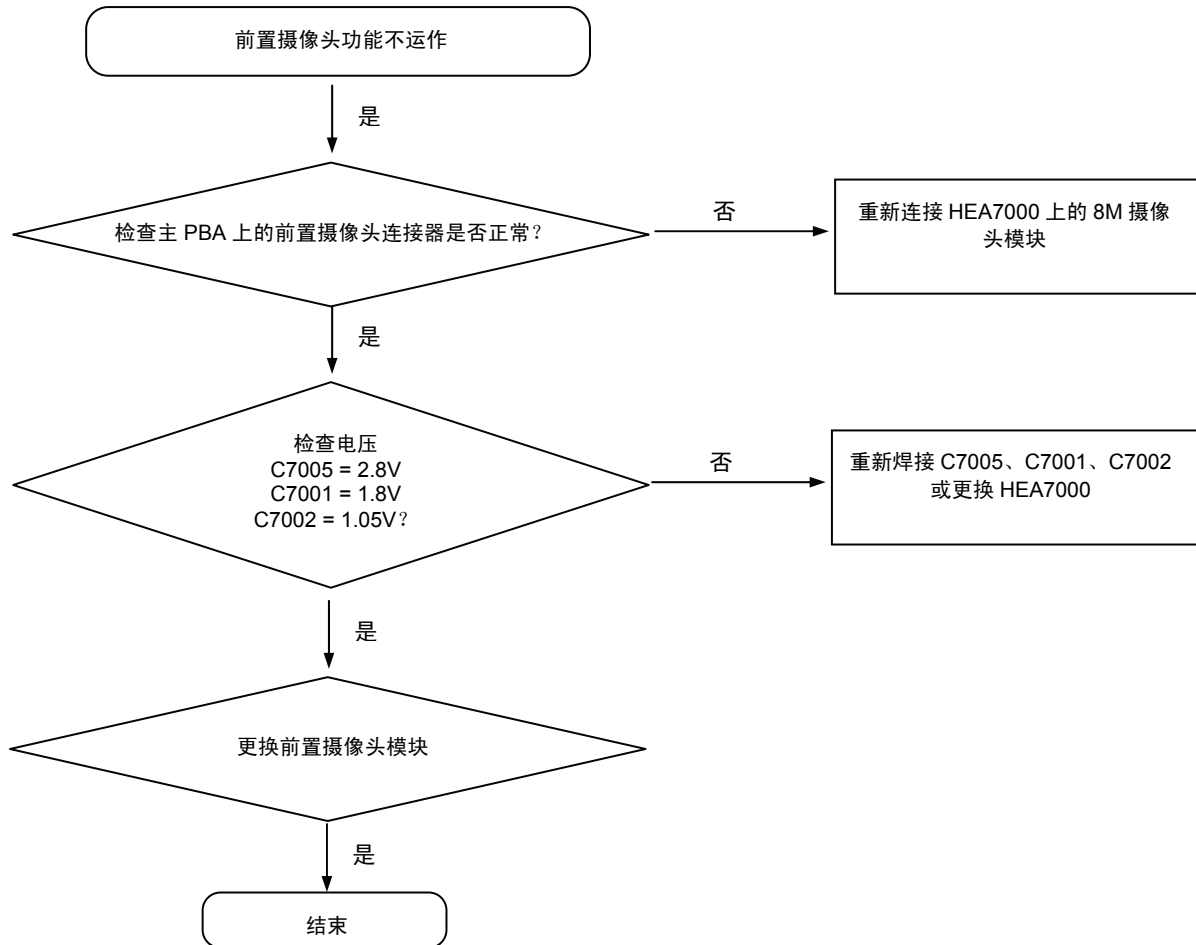
8.3 级维修

8-3-10. 16M 摄像头



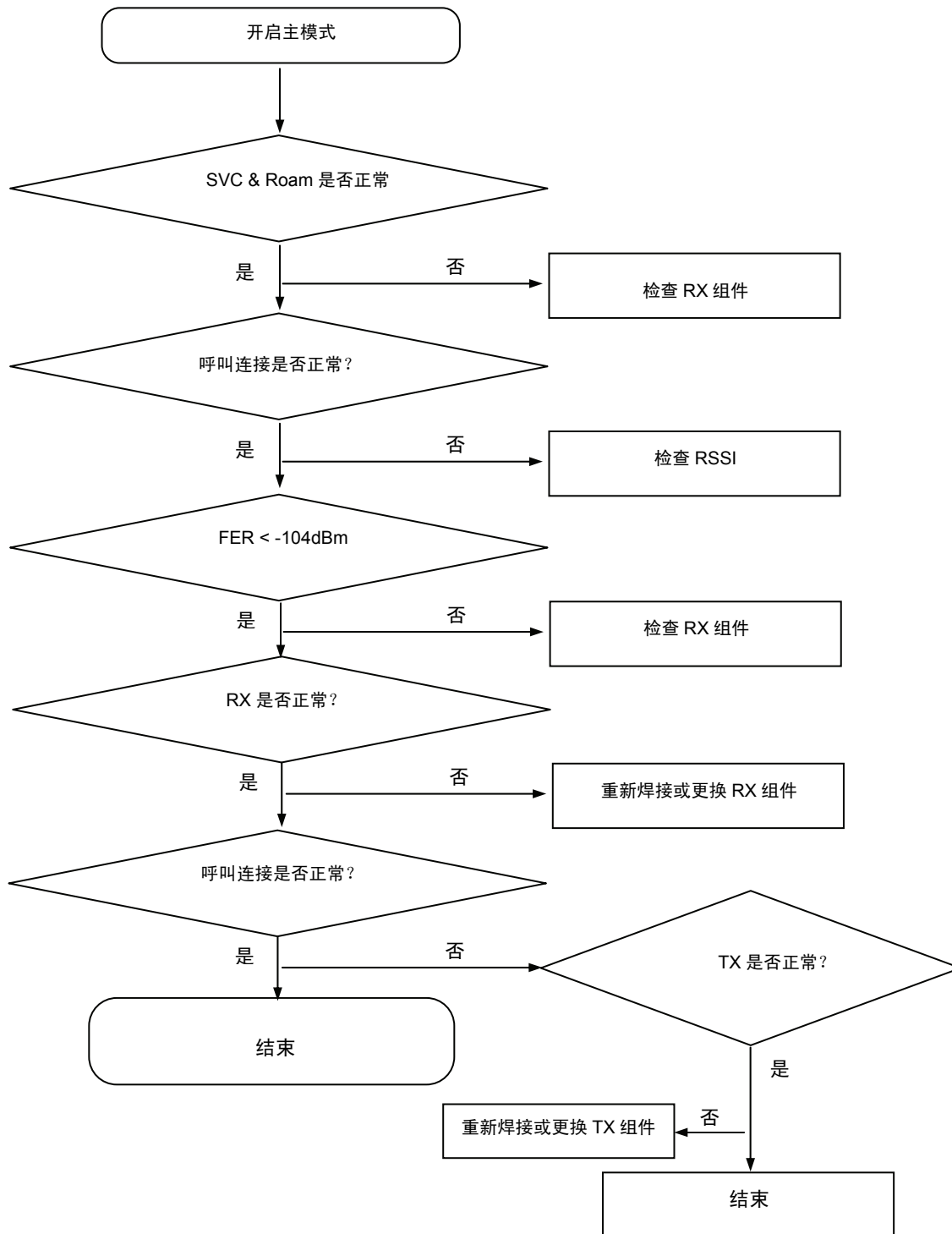
8.3 级维修

8-3-11. 16M 摄像头



8.3 级维修

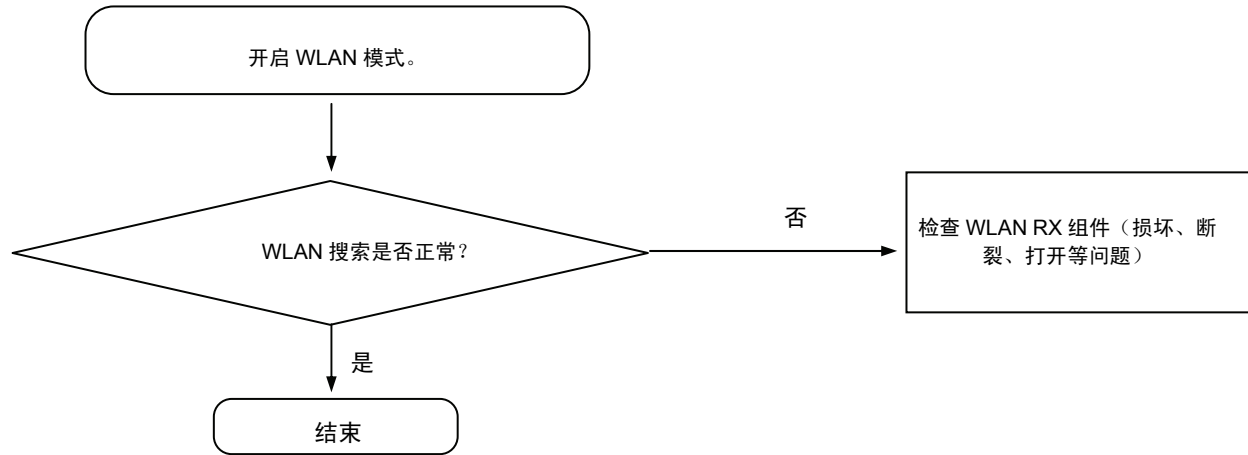
8-3-12. 射频部分 (LTE、WCDMA、TDSCDMA、CDMA、GSM)



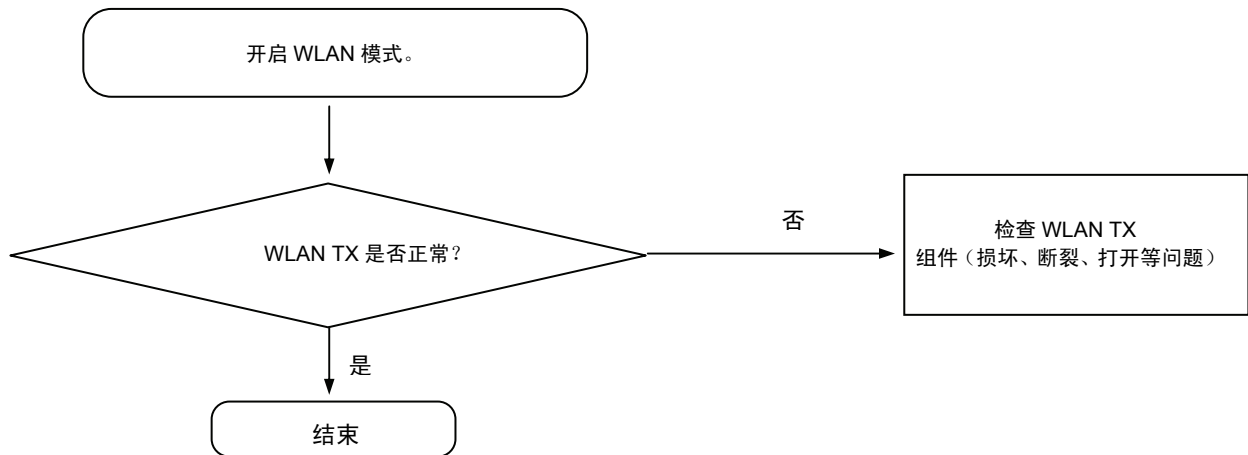
8.3 级维修

8-3-13. 射频部分 (WLAN / 蓝牙)

- WLAN RX

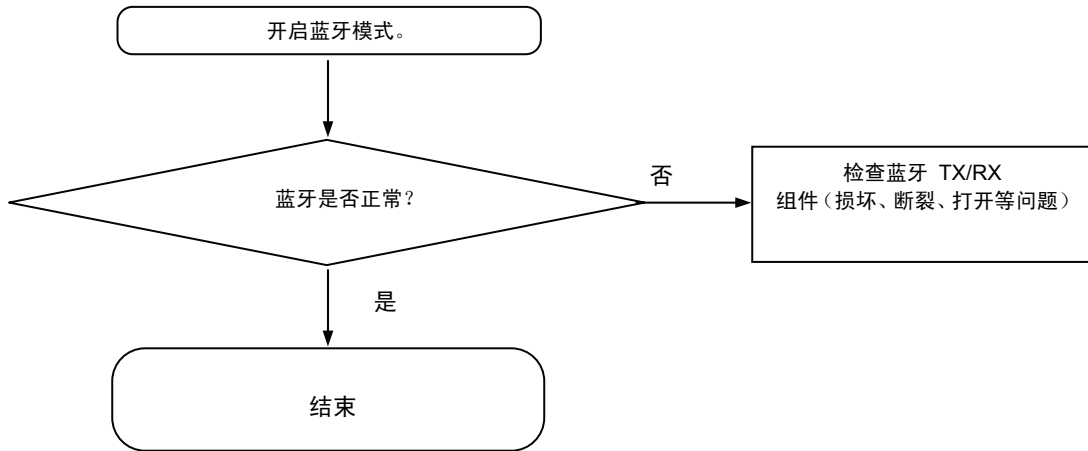


- WLAN TX

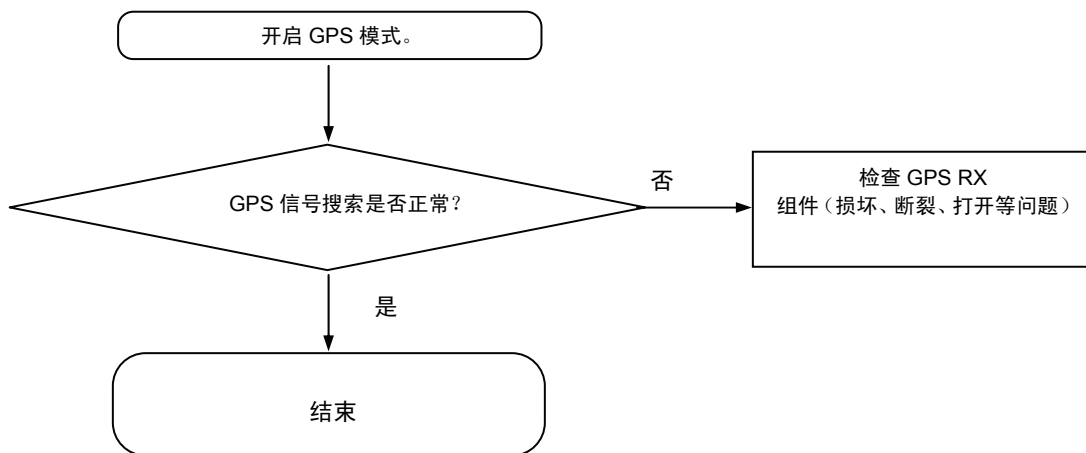


8.3 级维修

- 蓝牙

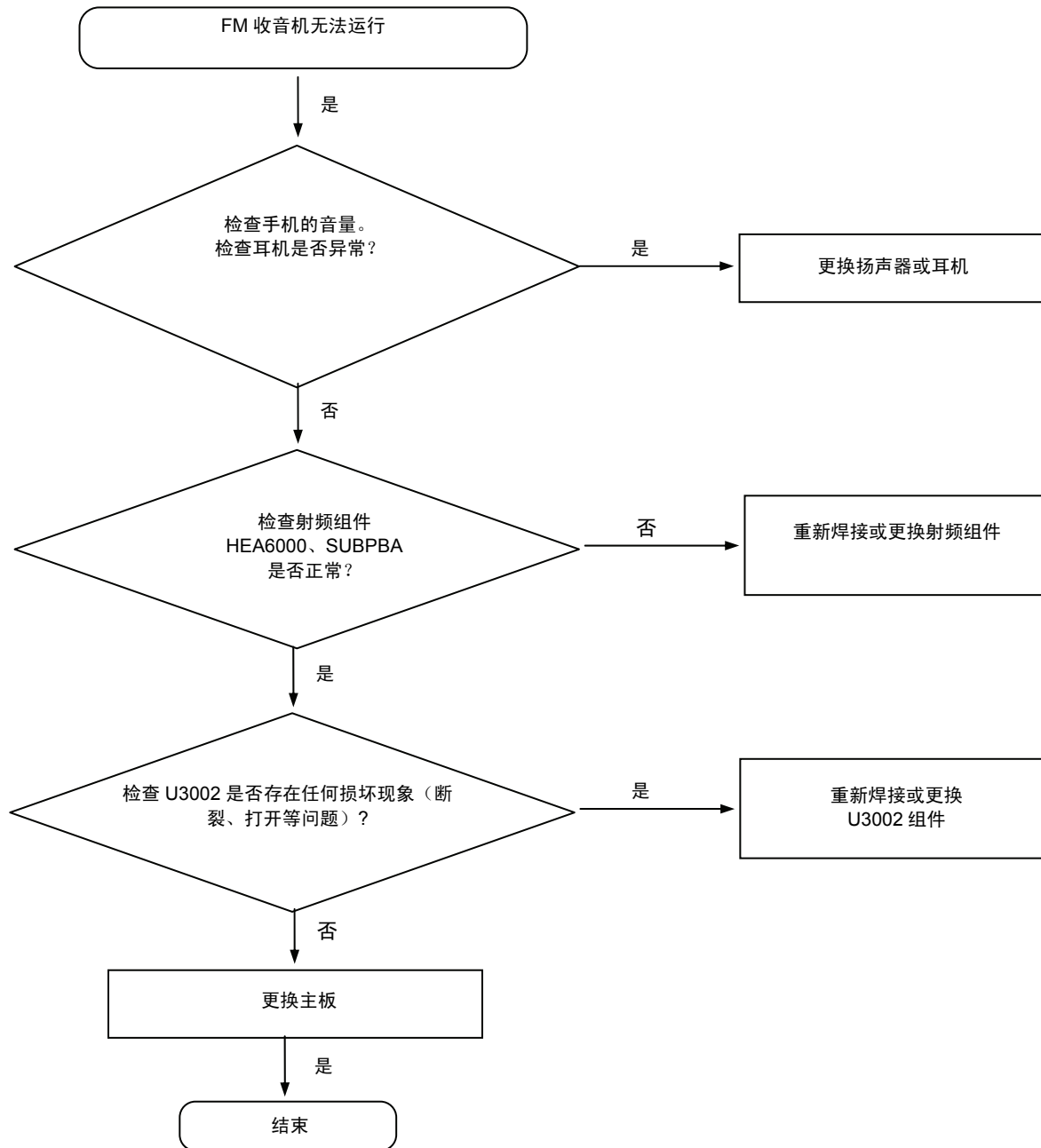


- GPS



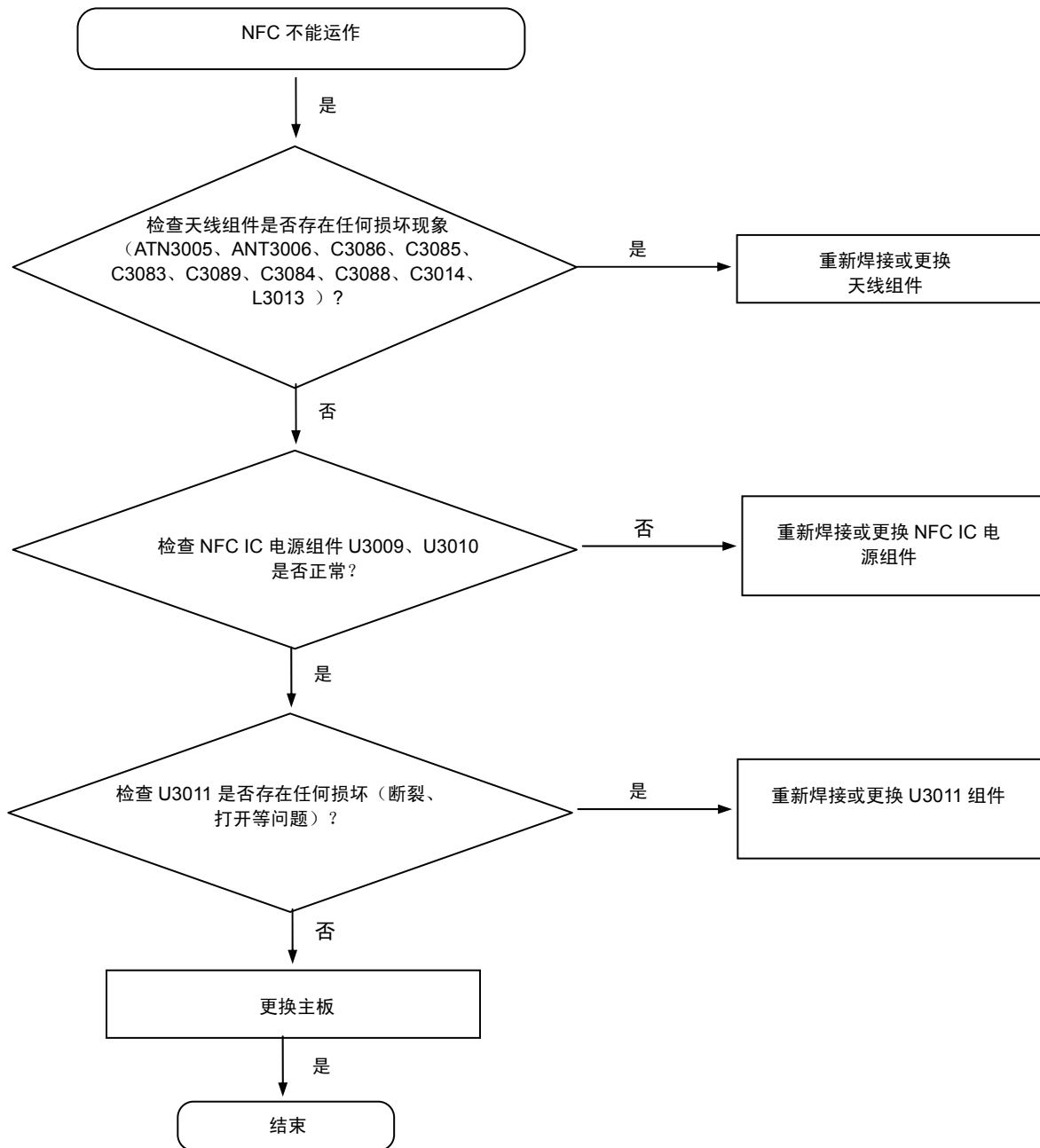
8.3 级维修

8-3-14. FM 收音机



8.3 级维修

8-3-15. NFC



8.3 级维修

8-4. 维修示意图

-故障处（顶部视图）

UCP400（AP）

