



Test Execution Report

Serial Number	TL0669009	Site	.
Test Status	Failed	Start Time	31.01.2023 20:20:56
		End Time	31.01.2023 20:22:57
Product	RC-16	Product Rev	1302
Process	FAFU	Run Mode	Production
Test Station	COMBO_1	Test Solution	TMR_800_FAFU_TSA.seq
User	administrator	Version	
		Test Fixture	DEMO_FIX 001
		Test Socket	1
		Comment	

Extended Data

FlashCode	00001
Hwid	1302
ModuleCode	HJ4941A
ModuleType	2CE
ProdProductCode	0531550
Production_Status	31
TEI	None
UUT1_SW	V 8.83-0 30-06-22 RC-16 006

Test Step	Status	Duration (ms)	Result	Unit	Low Limit	High Limit
StartPhone	Passed	19766				
Off_State_Current	Passed	9883		21 mA	5	30
Start_Current	Passed	9883		277 mA	50	600
Flash	Passed	40				
SW_version_check	Passed	10		1 Status	1	1
SW_FileDownload	Passed	10		1 Status	1	1
PPM_FileDownload	Passed	10		1 Status	1	1
Product_Type_Check	Passed	10		1 Status	1	1
Write_PSN	Passed	14		0 bool	0	0
Write_Module_Data	Passed	1800				
Module_Code	Passed	450		0 Status	0	0
Flash_Code	Passed	450		0 Status	0	0
Hwid	Passed	450		0 Status	0	0
PhoneProdCode	Passed	450		0 Status	0	0
Write_NVD_file	Skipped	0		0	0	0
GPS_Signal_Aquisition_Test	Passed	1776				
GPS_Signal_Aquisition_Test_Status	Passed	888		1 Status	0	1
GPS_Signal_Aquisition_Test_CNO	Passed	888		49 CNO	0	60
BB_Calibrations	Passed	2708				
BB_Cal_ADC_Gain	Passed	677		27668 ADC	24000	30000
BB_Cal_ADC_Offset	Passed	677		25 ADC	-200	200
BB_Cal_PA_TEMP_Gain	Passed	677		79281 ADC	70000	90000
BB_Cal_PA_TEMP_Offset	Passed	677		22 ADC	-300	300
TX_TEST_POWER_CH_MID	Skipped	0		0	10	30
Check_Voltages	Passed	304				
GPS_Out_Voltage	Passed	76		5,03 V	4,9	5,1
SC_10V_Out_Voltage	Passed	76		9,96 V	9,7	10,3
AAC_EXT_VOUT_2_Voltage	Passed	76		13,14 V	12,7	13,3
CU_Carbat_Voltage	Passed	76		13,14 V	13	13,6
Check_Control_Lines	Passed	7340				
AAC_EXT_ALARM	Passed	734		1 Status	1	1
CU_REG_CTRL	Passed	734		1 Status	1	1

Test Step	Status	Duration (ms)	Result	Unit	Low Limit	High Limit
SC_IGS	Passed	734		1 Status	1	1
SC_EXT_EMERGENCY	Passed	734		1 Status	1	1
SC_HS_PTT	Passed	734		1 Status	1	1
SC_HS_HOOK	Passed	734		1 Status	1	1
CU_PTT	Passed	734		1 Status	1	1
SC_Datacable	Passed	734		1 Status	1	1
AAC_PWR_ON	Passed	734		3 Event	3	15
CU_PWR_ON	Passed	734		3 Event	3	15
AAC_IO_Expander	Passed	296				
AAC_IO_Expander_Loop_P1-P9	Passed	37		0 Status	0	0
AAC_IO_Expander_Loop_P2-P10	Passed	37		0 Status	0	0
AAC_IO_Expander_Loop_P3-P11	Passed	37		0 Status	0	0
AAC_IO_Expander_Loop_P4-P12	Passed	37		0 Status	0	0
AAC_IO_Expander_Loop_P5-P13	Passed	37		0 Status	0	0
AAC_IO_Expander_Loop_P6-P14	Passed	37		0 Status	0	0
AAC_IO_Expander_Loop_P7-P15	Passed	37		0 Status	0	0
AAC_IO_Expander_Loop_P8-P16	Passed	37		0 Status	0	0
Ext_CU_Selftest	Passed	2270		0 Status	0	0
Ext_CU_LED_Control	Passed	1929		2,77 V	2,6	2,9
Ext_CU_LCD_rs485_check	Passed	2380				
Ext_CU_LCD_rs485_check_Data	Passed	1190		1 Status	1	1
Ext_CU_LCD_rs485_check_Clk	Passed	1190		507 Bursts	400	512
Audio_HS_Sys_Con	Passed	6406				
Audio_HS_Sys_Con_Speaker_Freq	Passed	3203		399,93 Hz	395	405
Audio_HS_Sys_Con_Speaker_Level	Passed	3203		0,3 V	0,2	0,6
Audio_HS_IO_Con	Passed	4016				
Audio_HS_IO_Con_Speaker_Freq	Passed	2008		400,02 Hz	395	405
Audio_HS_IO_Con_Speaker_Level	Passed	2008		0,3 V	0,2	0,4
Audio_HF	Passed	3542				
Audio_HF_Speaker_Freq	Passed	1771		399,97 Hz	395	405
Audio_HF_Speaker_Level	Passed	1771		2,7 V	2	3
Audio_Ext_CU	Passed	3656				
Audio_Ext_CU_Speaker_Freq	Passed	1828		3004,98 Hz	2990	3010
Audio_Ext_CU_Speaker_Level	Passed	1828		2,2 V	0,7	2,7
Bias_Tuning	Failed	18976				
Bias_Tuning_TXC_Value	Passed	9488		155 DAC	122	155
Bias_Tuning_Current	Failed	9488		155 mA	300	340