

# ACCEPTANCE TEST PROCEDURE

DOC Name ATP

PART NUMBER 0313-000-274

# IN VEHICLE CREW CONSOLE

DP231

DATE SH No. REV PREPD. 23/01/25 37 Shruti B R DATE No. OF SH APPRD. Ver Athif Allam 1.0 41

### APPENDIX 'B' - PERFORMANCE CHECK

## TEST DATA RECORD SHEET - 1

**Initial Checks** 

Project : DP231

Date: 27 02 2025

DUT : In Vehicle Crew Console

Serial No.: 20274005

Test Condition: POST - ATP

Test No.	Name of the Test	Status	Remarks
1	VISUAL INSPECTION	pass	
2	ISOLATION TEST	pass	
3	POWER ON TEST	PASS	
4	POWER OFF TEST	PASS	
5	SBC TESTING	pass	
5.1	PROCESSOR DETECTION TEST	PASS	
5.2	RAM DETECTION TEST	pass	,
5.3	SSD STORAGE DETECTION TEST	pass	
5.4	NETWORK PORT TEST	DASS	
<b>5.</b> 5	SERIAL COMMUNICATION PORTS TESTS	pass	
5.6	USB PORTS TEST	PASS	
6	RS422 – COM 3 PORT TEST (Ubuntu 22.04)	pass	
7	MEMBRANE KEYBOARD & BEZEL KEYS TEST	PASS	
8	JOYSTICK TEST	PASS	•
9	10.2" DISPLAY TEST	PASS	
10	EMERGENCY BUTTON TEST	PASS	

Rug-Rel Rep

**DP** Rep

RUG-Rel Commitment towards Technology I Quality Services	ACCEPTANCE TEST PROCE	DURE	Name ATP	PART NUMBE 0313-000-27	
IN VEHICLE C	REW CONSOLE	REV A	8H No. 38	PREPD. Shruti B R	<b>DATE</b> 23/01/25
D	P231	Ver 1.0	No. OF SH 41	APPRD. Athif Allam	DATE

#### **TEST DATA RECORD SHEET - 2**

#### Random Vibration - 1

Project : DP231

Date: 27/02/2015

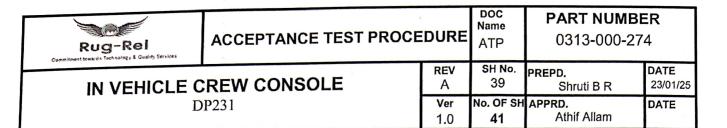
DUT: In Vehicle Crew Console Serial No.: RO27 4005

**Test Condition:** 

	Voltage (V)	Current (A)	Red LED Status
X AXIS	28Vdc	0.83 A	ON
Y AXIS	28 Vd c	0.92A	ON
Z AXIS	28Vdc	0.81 A	ON

Rug-Rel Rep

DP Rep



### **TEST DATA RECORD SHEET - 3**

#### **Thermal Cycling**

Project : DP231

DUT : In Vehicle Crew Console

Serial No.: 2024 4005

Date: 27 02 2025

**Test Condition:** 

Time	Voltage (V)	Current (A)	Ubuntu Boot Status
10:35 pm	281	0.42A	OK
12:20am	28V	0.93A	OK
2:05 am	28V	0.41 A	OK
3:50 am	28V	0.897A	ok
5:40 am	28V	0.421A	OK
7:25am	28V	0.91 A	OK
9:05am	28V	0.432A	OK
10:55am	284	0.93A	0 K
12:30pm	28V	0.414	OK
21, 20pm	28V	0.90 A	01/2
4:00pm	284	0.42A	OK
6:00pm	28V	0.91A	ok_
7:55pm	28V	0.43A	ok
9:35 pm	28V	0.92A	OK
11: 20pm	28V	0.42A	OK
1:15pm	28V	0.89A	OK
3:00jam	28V	0.431A	OK
4:40am	28V	0.924	ok
6: 45 am	28N	0.41 A	OK
8:30am	28V	b. 131.A	ok



### ACCEPTANCE TEST PROCEDURE

DOC Name ATP

#### **PART NUMBER** 0313-000-274

### IN VEHICLE CREW CONSOLE

**DP231** 

REV A	SH No. 40	<b>PREPD.</b> Sh
Ver	No. OF SH	
1.0	41	Ath

REPD. Shruti B R

Athif Allam

DATE 23/01/25 DATE

#### **TEST DATA RECORD SHEET - 4**

Random Vibration – 2

Project

: DP231

Date: 01 03 2025

DUT

: In Vehicle Crew Console

Serial No.: RO274005

**Test Condition:** 

	Voltage (V)	Current (A)	Red LED Status
X AXIS	28 VJC	0.83 \$	ON
Y AXIS	28VdC	0.92A	ON
Z AXIS	28VdC	0.81A	ON.

Rug-Rel Rep

DP Rep



# ACCEPTANCE TEST PROCEDURE

**ATP** 

PART NUMBER 0313-000-274

# IN VEHICLE CREW CONSOLE

DP231

REV	SH No. 41	PREPD,
A		Shruti B R
Ver	No. OF SH	APPRD,
1.0	41	Athif Allam

DATE 23/01/25 DATE

### **TEST DATA RECORD SHEET - 5**

**Final Checks** 

Project : DP231

Date: 27/02/2025

DUT

: In Vehicle Crew Console Serial No.: 20244005

**Test Condition:** 

Test No.	DP test	Status	Remarks
1	VISUAL INSPECTION	bass	
2	ISOLATION TEST	Dass	
3	POWER ON TEST	pass	4
4	POWER OFF TEST	pass	
5	SBC TESTING	Pass	
5.1	PROCESSOR DETECTION TEST	pass	
5.2	RAM DETECTION TEST	PASS	, ,
5.3	SSD STORAGE DETECTION TEST	Pass	
5.4	NETWORK PORT TEST	PASS	
5.5	SERIAL COMMUNICATION PORTS TESTS	bass	
5.6	USB PORTS TEST	Pass	
6	RS422 – COM 3 PORT TEST (Ubuntu 22.04)	PASS	
7	MEMBRANE KEYBOARD & BEZEL KEYS TEST	Pass	
8	JOYSTICK TEST	pass	
9	10.2" DISPLAY TEST	Pass	
10	EMERGENCY BUTTON TEST	MASS.	