

DOC Name **ATP**

PART NUMBER 0313-000-274

IN VEHICLE CREW CONSOLE

DP231

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

APPENDIX 'B' - PERFORMANCE CHECK

TEST DATA RECORD SHEET - 1

Initial Checks

Project : DP231

Date: 21-02-2025

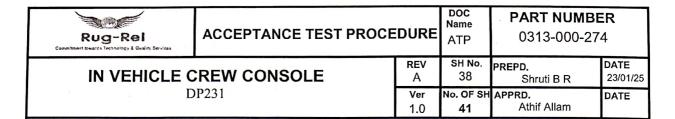
DUT

: In Vehicle Crew Console

Serial No.: 20274001

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	Pass	
5.5	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	



TEST DATA RECORD SHEET – 2

Random Vibration - 1

Project : DP231

Date: 21-02 - 2025

DUT

: In Vehicle Crew Console

Serial No.: RO274001

Test Condition:

	Voltage (V)	Current (A)	Red LED Status
X AXIS	28 Vdc	0.83 A	ON
Y AXIS	28 Vdc	0.924	01
Z AXIS	28 Vdc	0.81A	. 01

Rug-Rel Rep

DP Rep



DOC **ATP**

PART NUMBER

0313-000-274

IN VEHICLE CREW CONSOLE

DP231

DATE SH No. PREPD. 23/01/25 39 Shruti B R Α No. OF SH APPRD. DATE Ver Athif Allam 1.0

TEST DATA RECORD SHEET - 3

Thermal Cycling

Project : DP231

Date: 21-01-2025

DUT

Serial No.:

: In Vehicle Crew Console

RO274001

Test Condition:

Time	Voltage (V)	Current (A)	Ubuntu Boot Status
10:00 pm	28V	0.91 A	OK
11:45 pm	28√	0.42 A	OK
1:30 AM	28√	0.89 A	OK
3:15 AM	28 V	0. H3 A	DK.
5:00 AM	28√	0.93 A	0K
6:45 AM	28√	0.41 A	OK OK
8:30 AM	28 V	0.91 A	OIC
10:15 AM	281	0.H2 A	OK
12:00 pm	287	0.92 A	ok
1;45 pm	28V	0.41 A	ok
3:30 pm	281	0.89 A	OK
5:15 PM	28∨	0.42 A	or
2:00 PM	287	0.93 A	ok
3:45 PM	28√	0.41A	or
5:30 PM	28V	0.89 A	OK
7:15 PM	28V	0.43 A	OK
9:00 PM	28V	0.93 A	OK
10:45 PM	28V	0.41 A	OK
12: 30 AM	28~	0.897A	OK
2:15 AM	28∨	0.43 A	OK



DOC Name ATP

41

PART NUMBER 0313-000-274

IN VEHICLE CREW CONSOLE

DP231

REV	SH No.	PREPD.	DATE 23/01/25
A	40	Shruti B R	
Ver	No. OF SH	APPRD.	DATE

Athif Allam

TEST DATA RECORD SHEET - 4

Random Vibration - 2

Project

: DP231

1.0

Date: 23-02-2025

DUT

: In Vehicle Crew Console

Serial No.:

R0274001

Test Condition:

	Voltage (V)	Current (A)	Red LED Status
X AXIS	28 Vdc	D.83A	01/
Y AXIS	28 Vdc	0,92A	2
Z AXIS	28 Vdc	0.81A	0 7

Rug-Rel Rep

DP Rep



DOC Name ATP

PART NUMBER 0313-000-274

IN VEHICLE CREW CONSOLE

DP231

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REV	SH No
Α	41
Ver	No. OF
1.0	41

PREPD.
Shruti B R
SH APPRD.

Athif Allam

DATE 23/01/25 DATE

TEST DATA RECORD SHEET - 5

Final Checks

Project : DP231

Date: 21-02-2025

DUT

: In Vehicle Crew Console

Serial No.:

R0274001

Test Condition:

Test No.	DP 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	Pass	
5.5	SERIAL COMMUNICATION PORTS TESTS	Pass	
5.6	USB PORTS TEST	Pars	
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	