

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 A No. OF SH APPRD. DATE Ver Athif Allam 41 1.0

APPENDIX 'B' - PERFORMANCE CHECK

TEST DATA RECORD SHEET - 1

Initial Checks

Project : DP231

Date: 27/02/2025

DUT

: In Vehicle Crew Console

Serial No.:

20274006

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	<u> </u>
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	

Rug-Rel Rep



ACCEPTANCE TEST PROCEDURE

DOC Name ATP

PART NUMBER 0313-000-274

IN VEHICLE CREW CONSOLE

DP231

REV A	SH No. 38	PREPD. Shruti B R
Ver	No. OF SH	
1.0	41	Athif Allam

DATE 23/01/25 DATE

TEST DATA RECORD SHEET - 2

Random Vibration - 1

Project : DP231

: In Vehicle Crew Console

Serial No.: 20274006

Date: 27/02/2025

Test Condition:

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

Rug-Rel Rep



ACCEPTANCE	TEST PROCEDURE
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DOC ATP

PART NUMBER

0313-000-274

IN VEHICLE CREW CONSOLE

DP231

REV SH No. DATE PREPD. 39 A 23/01/25 Shruti B R Ver No. OF SH APPRD. DATE Athif Allam 1.0 41

TEST DATA RECORD SHEET - 3

Thermal Cycling

Project

: DP231

Date: 27/02/2025

DUT

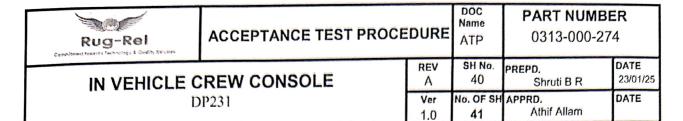
: In Vehicle Crew Console

Serial No.: 20274006

Test Condition:

Time	Voltage (V)	Current (A)	Ubuntu Boot Status
10:40pm	2 8V	0.43A	OK
12:25 am	28V	0.91A	ok
21.10am	28V	0.42A	OK
3:55 am	28V	0.89 A	ok
5:45 am	28V	0.43A	OK
7:30am	28V	0.92A	OK
q:10am	28V	0.41 A	OK
11:00am	28V	0.91 A	OK
12:35pm	28 V	0.434	OK
2'. 25pm	28 V	0.93A	OK
4:05pm	28V	0.421A	ok
6:05pm	28V	0.89A	OK
8:00pm	28V	0.41 A	OK
9'uopm	281	0.931A	OK
11:25pm	28V	0.42A	OK
1: 20am	28V	0,89A	OK
3:05am	28V	0.431Å	ok
4:usam	28V	0.91A	OK
6:50 am	28 V	0.42 A	ok
8:35am	28V	0.891	OK

Rug-Rel Rep



TEST DATA RECORD SHEET - 4

Random Vibration – 2

Project : DP231

: In Vehicle Crew Console

Serial No.: Rb274006

Date: 1 3 2025

Test Condition:

	Voltage (V)	Current (A)	Red LED Status
X AXIS	28Vdc	0.83A	ON
Y AXIS	28VdC	0.92A	ON
	28146	0.81	ON
Z AXIS	X & V d C		

Rug-Rel Rep

Rug-Rel Consolrant fewarts Technology 5 Out by Services	ACCEPTANCE TEST PROCE	DURE	DOC Name ATP	PART NUMBE 0313-000-27	
IN VEHICLE CREW CONSOLE		REV A	SH No. 41	PREPD. Shruti B R	DATE 23/01/25
D	P231	Ver 1.0	No. OF SH 41	APPRD. Athif Allam	DATE

TEST DATA RECORD SHEET - 5

Final Checks

Project : DP231

Date: 27/02/2025

DUT : In Vehicle Crew Console

Serial No.: R0274006 **Test Condition:**

Test No.	DP test	Status	Remarks
1	VISUAL INSPECTION	pass	
2	ISOLATION TEST	PASS	
3	POWÊR ON TEST	pass	
4	POWER OFF TEST	pass	
5	SBC TESTING	bass	
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	bass	

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