Rug-Rel	ACCEPTANCE TEST PROCEDURE		DOC Name ATP	0313-000-274	
Commitment towards Technology & Quality Services	DEW CONSOLE	REV A	SH No. 37	PREPD. Shruti B R	DATE 23/01/25
IN VEHICLE O	REW CONSOLE	Ver 1.0	No. OF SH 41	APPRD. Athif Allam	DATE
		AND DESCRIPTION OF PERSONS			

APPENDIX 'B' - PERFORMANCE CHECK

TEST DATA RECORD SHEET - 1

Initial Checks

Project : DP231

Date: 27/01/25

DUT

: In Vehicle Crew Console

Serial No.: R0274002

Test Condition: POST - ATP

Test No.	Name of the Test	Status	Remarks
1	VISUAL INSPECTION	Pas	
2	ISOLATION TEST	paus	
3	POWER ON TEST	Paus	
4	POWER OFF TEST	Pas	
5	SBC TESTING	Pass	
5.1	PROCESSOR DETECTION TEST	Pas	
5.2	RAM DETECTION TEST	Pass	
5.3	SSD STORAGE DETECTION TEST	Pay	
5.4	NETWORK PORT TEST	Paus	
5.5	SERIAL COMMUNICATION PORTS TESTS	Pay	
5.6	USB PORTS TEST	Paus	
6	RS422 – COM 3 PORT TEST (Ubuntu 22.04)	Pass	
7	MEMBRANE KEYBOARD & BEZEL KEYS TEST	Paus	
8	JOYSTICK TEST	Pas	egil dige. It is
9	10.2" DISPLAY TEST	Pas	
10	EMERGENCY BUTTON TEST	Pcus	

Rug-Rel Rep

DP Rep



ACCEPTANCE TEST PROCEDURE ATP

PART NUMBER 0313-000-274

IN VEHICLE CREW CONSOLE

DP231

REV	SH No.	PREPD.	DATE
A	38	Shruti B R	23/01/25
Ver	No. OF SH	APPRD.	DATE
1.0	41	Athif Allam	

TEST DATA RECORD SHEET - 2

Random Vibration - 1

Project : DP231

Date: 27/01/25

DUT

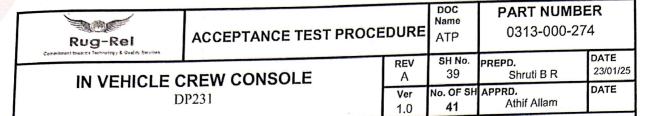
: In Vehicle Crew Console

Serial No.: 80274002

Test Condition:

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

DP Rep



TEST DATA RECORD SHEET - 3

Thermal Cycling

Project : DP231

Date: 27/01/25

DUT : In Veh

: In Vehicle Crew Console

Serial No.: R0274002

Test Condition:

Time	Voltage (V)	Current (A)	Ubuntu Boot Status
6:30 PM	28V	0.43A	ok
8:15 PM	281	0.91A	Ok
LOLDOPM	28 V	0.41 A	OF
11: US PM	28 V	0.89 A	Ok
1:30 AM	28 V	D.LUA	OE
3: 15AM	28V	0.77 A	ok
S!ODAM	28 V	0.43 A	Ok
6:USAM	28V	092A	OK
8130 AM	23 V	0.43 A	Or
10/15 AM	28V	0-89 A	OK
12:00 PM	281	O.UIA	O'Ł
1:45 PM	287	D. 91 A	Ok
3!30 PM	28 V	0.42A	OF
515PM	28 V	0.48 A	OK
7:00PM	28 V	0. U3 A	OK
8:45PM	28V	0.89A	OK
10130PM	28 V	0.42 A	OK
12:15 AM	28V	D.92 A	OK
2:00 AM	28V	0.43 A	Ok
3! USAM	28 V	D.93 A	OL



ACCEPTANCE TEST PROCEDURE

DOC Name ATP

PART NUMBER 0313-000-274

IN VEHICLE CREW CONSOLE

DP231

REV SH No. PREPD, 40 Shruti B R Ver No. OF SH APPRD. Athif Allam 1.0 41

DATE 23/01/25 DATE

TEST DATA RECORD SHEET - 4

Random Vibration - 2

Project : DP231

Date: 29/01/25

DUT

: In Vehicle Crew Console

Serial No.: 80274002

Test Condition:

	Voltage (V)	Current (A)	Red LED Status
X AXIS	28 vdc	0-83 A	0N
Y AXIS	28 vdc	0-92 A	ON
Z AXIS	28 vdc	0-81A	ON

Rug-Rel Rep

DP Rep



ACCEPTANCE TEST PROCEDURE ATP

PART NUMBER 0313-000-274

IN VEHICLE CREW CONSOLE

DP231

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

TEST DATA RECORD SHEET - 5

Final Checks

Project

: DP231

Date: 24/01/25

DUT

: In Vehicle Crew Console

Serial No.: R0274002

Test Condition:

Test No.	DP test	Status	Remarks
1	VISUAL INSPECTION	Pars	
2	ISOLATION TEST	Pous	<u> </u>
3	POWER ON TEST	Pous	
4	POWER OFF TEST	Pous	
5	SBC TESTING	Pous	
5.1	PROCESSOR DETECTION TEST	Paus	1 Mr 4 1
5.2	RAM DETECTION TEST	Pas	
5.3	SSD STORAGE DETECTION TEST	Pass	
5.4	NETWORK PORT TEST	Pous	
5.5	SERIAL COMMUNICATION PORTS TESTS	Pous	
5.6	USB PORTS TEST	Pous	
6	RS422 – COM 3 PORT TEST (Ubuntu 22.04)	Pass	
7	MEMBRANE KEYBOARD & BEZEL KEYS TEST	Pas	
8	JOYSTICK TEST	Pass	
9	10.2" DISPLAY TEST	Pall	
10	EMERGENCY BUTTON TEST	Pous	