Rug-Rel Combiner francis Technology & Owlin, Serviors	ACCEPTANCE TEST PROCE	DURE	DOC Name ATP	PART NUMBI 0313-000-27	4
IN VEHICLE CREW CONSOLE		REV A	SH No. 37	PREPD. Shruti B R	DATE 23/01/25
	P231	Ver 1.0	No. OF SH 41	APPRD. Athif Allam	DATE

APPENDIX 'B' - PERFORMANCE CHECK

TEST DATA RECORD SHEET - 1

Initial Checks

Project : DP231

Date: 07 - 03 - 2025

DUT : In Vehicle Crew Console

Serial No.: RO274008

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	Pars	
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

Rug-Rel Consistent fowers Technology & Gudin, Sevices	ACCEPTANCE TEST PROCE	DURE	DOC Name ATP	PART NUMB 0313-000-27	
IN VEHICLE C	REW CONSOLE	REV A	SH No. 38	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 - 2

Random Vibration - 1

Project : DP231

Date: 07 - 03 - 2025

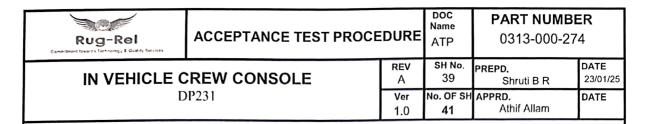
DUT : In Vehicle Crew Console

Serial No.: RO274008

Test Condition:

	Voltage (V)	Current (A)	Red LED Status
X AXIS	28 Vdc	0.83 H	ON
Y AXIS	28 Vdc	0.92A	oN
Z AXIS	28 Vdc	0.81A	01/

Rug-Rel Rep



TEST DATA RECORD SHEET - 3

Thermal Cycling

Project : DP231

Serial No.: R0274008

Date: 09-03-2025

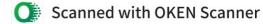
DUT

: In Vehicle Crew Console

Test Condition:

Ubuntu Boot Time Voltage (V) Current (A) Status 287 0-92 A OK 10:52 PM OK 281 O.HIA 12:37 AM OK 281 0.89A 2:22 AM 28√ OK 0,42A H:07 AM 281 0.92A OK 5:52 AM OK 28V O.H3A 7:37 AM OK 9:22 AM 287 0,89 A D.HIA 11:07 AM 287 OK 0.91A OK 12:52 PM 28V D. 42 A OK 287 2:37PM 28V 0.92A 4:22 PM OK 28V 0.43A OK 6:07 PM 287 DK 0.89A 7:52 PM 28V OK 2:37 PM OOHIA 282 4:22 PM 0.92 A OK 287 0.42 A OK 6:07 PM OK 0.93A 28V 7:52 PM 9:37 PM 281 DOHIA OK 28 V 0,91A OK 11:22 PM 28V 0. H2A OK MA FO: 1

Rug-Rel Rep





	ACCEPTANCE TEST PROCE	DURE	DOC Name ATP		NUMBER 000-274
C	REW CONSOLE	REV	SH No.	PREPD.	DAT

IN VEHICLE (

DP231

DURE	ATP	0313-000-274	
REV A	40	Shruti B R	DATE 23/01/25
Ver 1.0	No. OF SH 41	APPRD. Athif Allam	DATE

TEST DATA RECORD SHEET – 4

Random Vibration – 2

Project : DP231

: In Vehicle Crew Console

DUT

Serial No.: RO274008

Date: 09-03-2025

Test Condition:

	Voltage (V)	Current (A)	Red LED Status
X AXIS	28Vdc	0 · 83 A	DN
Y AXIS	28 Vdc	0,921	07
Z AXIS	28 Vdc	O.81A	0 %.

Rug-Rel Re



ACCEPTANCE TEST PROCEDURE

DOC Name **ATP**

PART NUMBER 0313-000-274

IN VEHICLE CREW CONSOLE

DP231

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

TEST DATA RECORD SHEET - 5

Final Checks

Project : DP231

Date: 07-03-2025

DUT

: In Vehicle Crew Console

Serial No.: 20274008

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	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	

