 Rug-Rel <small>Commitment towards Technology & Quality Services</small>	ACCEPTANCE TEST PROCEDURE		DOC Name ATP	PART NUMBER 0313-000-274	
IN VEHICLE CREW CONSOLE DP231		REV A	SH No. 37	PREPD. Shruti B R	DATE 23/01/25
		Ver 1.0	No. OF SH 41	APPRD. Athif Allam	DATE

APPENDIX 'B' - PERFORMANCE CHECK

TEST DATA RECORD SHEET – 1

Initial Checks

Project : DP231
 DUT : In Vehicle Crew Console
 Serial No. : R0274007


Date: 07/03/25

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	

Rug-Rel Rep 

DP Rep

 Rug-Rel <small>Commitment towards Technology & Quality Services</small>	ACCEPTANCE TEST PROCEDURE		DOC Name	PART NUMBER	
			ATP	0313-000-274	
IN VEHICLE CREW CONSOLE DP231	REV A	SH No. 38	PREPD. Shruti B R	DATE 23/01/25	
	Ver 1.0	No. OF SH 41	APPRD. Athif Allam	DATE	

TEST DATA RECORD SHEET – 2

Random Vibration – 1

Project : DP231
 DUT : In Vehicle Crew Console
 Serial No. : R0274007


Date: 07/03/25

Test Condition:

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

Rug-Rel Rep 

DP Rep

 Rug-Rel <small>Commitment towards Technology & Quality Services</small>	ACCEPTANCE TEST PROCEDURE		DOC Name ATP	PART NUMBER 0313-000-274	
			REV A	SH No. 39	PREPD. Shruti B R
IN VEHICLE CREW CONSOLE DP231		Ver 1.0	No. OF SH 41	APPRD. Athif Allam	DATE

TEST DATA RECORD SHEET – 3

Thermal Cycling

Project : DP231
 DUT : In Vehicle Crew Console
 Serial No. : R0274007


Date: 9/3/2025

Test Condition:

Time	Voltage (V)	Current (A)	Ubuntu Boot Status
10:52pm	28V	0.91A	OK
12:37am	28V	0.41A	OK
2:22am	28V	0.92A	OK
4:07am	28V	0.42A	OK
5:52am	28V	0.93A	OK
7:37am	28V	0.42A	OK
9:22am	28V	0.89A	OK
11:07am	28V	0.41A	OK
12:52pm	28V	0.92A	OK
2:37pm	28V	0.43A	OK
4:22pm	28V	0.93A	OK
6:07pm	28V	0.41A	OK
7:52pm	28V	0.91A	OK
9:37pm	28V	0.42A	OK
11:22pm	28V	0.92A	OK
1:07am	28V	0.43A	OK
2:52pm	28V	0.93A	OK
4:37pm	28V	0.44A	OK
6:22pm	28V	0.91A	OK
8:07am	28V	0.41A	OK

Rug-Rel Rep 

DP Rep

 Rug-Rel <small>Consultant Services Technology & Quality Services</small>	ACCEPTANCE TEST PROCEDURE		DOC Name ATP	PART NUMBER 0313-000-274	
IN VEHICLE CREW CONSOLE DP231	REV A	SH No. 40	PREPD. 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
 DUT : In Vehicle Crew Console
 Serial No. : R0214007


Date: 9/3/2025

Test Condition:

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

Rug-Rel Rep 

DP Rep

 Rug-Rel <small>Commitment towards Technology & Quality Services</small>	ACCEPTANCE TEST PROCEDURE		DOC Name ATP	PART NUMBER 0313-000-274	
			REV A	SH No. 41	PREPD. Shruti B R
IN VEHICLE CREW CONSOLE DP231		Ver 1.0	No. OF SH 41	APPRD. Athif Allam	DATE

TEST DATA RECORD SHEET – 5

Final Checks

Project : DP231
 DUT : In Vehicle Crew Console
 Serial No. : 20274007

Date: 7/3/2025

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	

Rug-Rel Rep



DP Rep