

VIBRATION SOURCE TECHNOLOGY CO., LTD.

TEST REPORT

Case No.	VS00-05-12-01			
Applicant	Talitor Far East Company Limited.			
Part Number	30010719			
Part Name	4CH Mobile DVR + 3G wireless			
Quantity	1 PCS			
Date Of Testing	MAY.11 ~ 12,2011			
Vibration Testing Condition				
TEST 1 : Resonance Search				
Wave Form	Sine wave			
Frequency	5 ~ 400 Hz			
Displacement	0.4 mm (5 ~ 35Hz)			
Acceleration	1.0 G (35 ~ 400Hz)			
Sweep Type	Logarithmic			
Sweep Rate.	10 min / cycle			
Direction	X 、 Y 、 Z Axis FIG.1.1 ~ 1.4 : Before Test Function Check : OK. FIG.2.1 ~ 2.8 : X Axis direction mounted. FIG.3.1 ~ 3.2 : X Axis test screen. FIG.4.1 ~ 4.8 : Y Axis direction mounted. FIG.5.1 ~ 5.2 : Y Axis test screen. FIG.6.1 ~ 6.8 : Z Axis direction mounted. FIG.7.1 ~ 7.2 : Z Axis test screen.			
Test Duration	10 minutes for each Axis, 30 minutes in total.			
TEST 2 : Vibration Durability Test				
Resonant Frequency Point	Axis	Longitudinal (X Axis)	Transverse (Y Axis)	Vertical (Z Axis)
	Hz	168.80 Hz	394.05 Hz	329.90 Hz
Acceleration	3.0 G			
Direction	X 、 Y 、 Z Axis FIG.8.1 ~ 8.6 : X Axis direction mounted. FIG.9 : X Axis test screen. FIG.10.1 ~ 10.6 : Y Axis direction mounted. FIG.11 : Y Axis test screen. FIG.12.1 ~ 12.6 : Z Axis direction mounted. FIG.13 : Z Axis test screen.			



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TAIPEI HSIEN

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Test Duration	0.5 hours for each X、Y Axis, 1 hours for each Z Axis, 2 hours in total.	
TEST 3 : Vibration Durability Test		
Frequency	67 Hz	
Acceleration	3.0 G	
Direction	X、Y、Z Axis FIG.14 : X Axis test screen. FIG.15 : Y Axis test screen. FIG.16 : Z Axis test screen. FIG.17 : After Test Function Check : OK.	
Test Duration	1.5 hours for each X、Y Axis, 3 hours for each Z Axis, 6 hours in total.	
Test Standard	Test Standard adopts JIS D1601-2B 3.	
Test Result	Appearance Check : OK.	
	Function Check : OK.	
Approved By	Test Prepared By	Report Prepared By
W. S. WANG	JACK CHUANG	L. Y. LEE
<i>W. S. Wang</i>	<i>JACK CHUANG</i>	<i>L. Y. LEE</i>

Note :

1. Standard Vibration meter and Accelerometer (monitor) :

	Vibration Meter	Accelerometer
Brand	SHINKEN	SHINKEN
MODEL	V-1107	V11-101
SERIAL No.	SG-3407	7896

2. Calibration Date : AUG. 20~26,2010 ◦

3. Calibration Report SER. No. : C991090 ◦

4. Traceability : NATIONAL MEASUREMENT LABORATORY R.O.C.

5. Test Equipment :

Manufacturer : VIBRATION SOURCE TECHNOLOGY CO., LTD.

Equipment Name : ELECTRODYNAMIC TYPE VIBRATION TESTER

MODEL / SERIAL NO. : VS-600VH / 6693 ◦