



825 Bloomfield Ave, Suite LL2, Verona, NJ 07044

Reliability Test Report

Report No.: SH-HS-ETR-2108002

Date: 2021/8/18

The Following samples were submitted and identified on behalf of the client as:

<u>Sample Name</u>	: RBDM "Brick" Antennas		
<u>Sample Quantity</u>	: 10Pcs		
<u>Date Submitted</u>	: 2021.08.03		
<u>Test Period</u>	: 2021.08.03~2021.08.18		
<u>Test Request</u>	Test Conditions	Serial #	Qty
	1. Operating Temperature	4-6#	3Pcs
	2. Storage Temperature	7-9#	2Pcs
	3. Temperature Shock	10-12#	2Pcs
	4. Humidity	1-3#	3Pcs
<u>Test Method</u>	: RFMAX Standard		
	: Customer Request		√
<u>Test Result</u>	: Please refer to next page.		Pass
<u>Conclusion</u>	NA		
<u>Suggestion</u>	NA		

Mandy,Zhang

Li xiaolu

Applicant by:
QE/ME

Tel:

Approval by:
LAB



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Test Result--- Operating Temperature

<u>Sample Name</u>	: RBDM "Brick" Antennas	
<u>Sample No.</u>	: 3Pcs	
<u>Test Ambient</u>	: Temperature: 24.0°C	
	: Humidity:45%RH	
<u>Sample Reception</u>	: Fig.1	
<u>Test Condition Setup</u>	'-40/+85 °C 1.Room Temperature to -40 degrees (2hours) 2.Storage for 2 hours at -40 degrees 3.-40 degrees to 85 degrees (2hours) 4.Storage for 2 hours at 85 degrees 5.85 degrees to -40 degrees (2hours) 6.Repeat from 2 to 5 for 5 times 7.-40 degrees increase to room temperature within 2 hours (Total 44 Hrs)	
<u>Test Process</u>	: Fig.2	
<u>Photos After Test</u>	: Fig.3	
<u>Test Result</u>	: Visual and RF test are ok before and after reliability testing.	
<u>Final Result</u>	: OK	√
	: NG	
<u>Confirmed by</u>	: Li xiaolu	

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Date: 2021/8/18

<u>Date</u>	: 21-08-07-14:50
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Fig.1: Appearance photos of the samples before test.



Sample No.: 2108002

Fig.2: Photo of samples in test process.



Sample No.: 2108002

Fig.3: Appearance photos of the samples after test.





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Sample No.: 2108002
THE END.....

Test Result--- Storage Temperature

<u>Sample Name</u>	: RBDM "Brick" Antennas	
<u>Sample No.</u>	: 2Pcs	
<u>Test Ambient</u>	: Temperature: 24.0°C	
	: Humidity:45%RH	
<u>Sample Reception</u>	: Fig.1	
<u>Test Condition Setup</u>	'-40° to +85° C MIL-STD 810G Method 501.5 (high) Method 502.5 (low) 1.Room Temperature to -40 degrees within 2 hours 2.Storage for 24 hours at -40 degrees; 3.-40 degrees room temperature within 2 hours 4.Room Temperature to 85 degrees within 2 hours 5.Storage for 24 hours at 85 degrees; 6.85 degrees room temperature within 2 hours (Total 56 Hrs)	
<u>Test Process</u>	: Fig.2	
<u>Photos After Test</u>	: Fig.3	
<u>Test Result</u>	:Visual and RF test are ok before and after reliability testing.	
<u>Final Result</u>	: OK	√
	: NG	
<u>Confirmed by</u>	: Li xiaolu	

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<u>Date</u>	: 21-08-14-00:00
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Fig.1: Appearance photos of the samples before test.



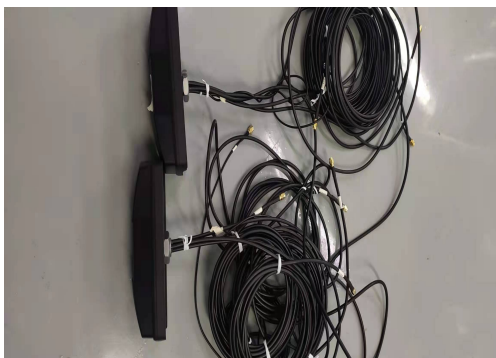
Sample No.: 2108002

Fig.2: Photo of samples in test process.



Sample No.: 2108002

Fig.3: Appearance photos of the samples after test.





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Sample No.: 2108002
THE END.....

Test Result--- Temperature Shock

<u>Sample Name</u>	: RBDM "Brick" Antennas	
<u>Sample No.</u>	: 2Pcs	
<u>Test Ambient</u>	: Temperature: 24.0°C	
	: Humidity:45%RH	
<u>Sample Reception</u>	: Fig.1	
<u>Test Condition Setup</u>	'-40C for 1 hr to +85 C for 1 hr @ 15 deg.C/min rate of change; 3 cycles. MIL-STD 810G Method 503.5 (Total: 7 Hrs)	
<u>Test Process</u>	: Fig.2	
<u>Photos After Test</u>	: Fig.3	
<u>Test Result</u>	: Visual and RF test are ok before and after reliability testing.	
<u>Final Result</u>	: OK	√
	: NG	
<u>Confirmed by</u>	: Li xiaolu	

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Reliability Test Report

Report No.: SH-HS-ETR-2108002

Date: 2021/8/18

<u>Date</u>	: 21-08-09-23:00
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Fig.1: Appearance photos of the samples before test.



Sample No.: 2108002

Fig.2: Photo of samples in test process.



Sample No.: 2108002

Fig.3: Appearance photos of the samples after test.





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Reliability Test Report

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Sample No.: 2108002

.....THE END.....

Test Result--- Humidity

<u>Sample Name</u>	: RBDM "Brick" Antennas	
<u>Sample No.</u>	: 3Pcs	
<u>Test Ambient</u>	: Temperature: 24.0°C	
	: Humidity:45%RH	
<u>Sample Reception</u>	: Fig.1	
<u>Test Condition Setup</u>	'+30° @ 93% RH per IEC 68-2-56 mth Cb or MIL-STD 810G Method 507.5 +93% RH @ +30°C for 12 h and 55°C for 12h. in 6 cycles (= 6 days)	
<u>Test Process</u>	: Fig.2	
<u>Photos After Test</u>	: Fig.3	
<u>Test Result</u>	: Visual and RF test are ok before and after reliability testing.	
<u>Final Result</u>	: OK	√
	: NG	

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<u>Confirmed by</u>	: Li xiaolu
<u>Date</u>	: 21-08-18-10:00

Fig.1: Appearance photos of the samples before test.



Sample No.: 2108002

Fig.2: Photo of samples in test process.



Sample No.: 2108002

Fig.3: Appearance photos of the samples after test.



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Sample No.: 2108002
.....THE END.....