

Parkside Laboratories

GLOBAL TESTING, CALIBRATION & CERTIFICATION SERVICES

◆ ELECTRICAL ◆ EMC ◆ ENVIRONMENTAL ◆

CERTIFICATE OF CONFORMITY

Certificate Number : C8919-00

Date of Issue : 23 September 2004

Product: Tait TM8255 Mobile Radios:

- Local Head Configuration with Standard or Keypad Microphone, mounted with Standard U or Security Bracket
- Remote Head Configuration with Standard or Keypad Microphone, mounted with Standard U or Security Bracket

Requested By: Tait Electronics
558 Wairakei Road
Christchurch
NEW ZEALAND

Applicable Standards Tested:

Standard	Method Number	Method Name	Report No
MIL-STD-810 Revisions: C, D, E & F	500	LOW PRESSURE (ALTITUDE)	8600-00
MIL-STD-810 Revisions: C, D, E & F	501	HIGH TEMPERATURE	8602-00
MIL-STD-810 Revisions: C, D, E & F	502	LOW TEMPERATURE	8603-00
MIL-STD-810 Revisions: C, D, E & F	503	TEMPERATURE SHOCK	8605-00
MIL-STD-810 Revisions: C, D, E & F	505	SOLAR RADIATION	DC0869
MIL-STD-810 Revisions: C, D, E & F	506	RAIN	8607-00
MIL-STD-810 Revisions: C, D, E & F	507	HUMIDITY	8608-00
MIL-STD-810 Revisions: C, D, E & F	509	SALT FOG	8609-00
MIL-STD-810 Revisions: C, D, E & F	510	DUST (FINE SAND) / SAND & DUST	8610-00
MIL-STD-810 Revisions: C, D, E & F	514	VIBRATION	8611-00
MIL-STD-810 Revisions: C, D, E & F	516	SHOCK	8613-00
IEC 60529:2001	-	-	8614-00

General Notes: Refer to the following page for further details of the relevant procedures the samples were subjected to.

The test results detailed in the reports listed apply only to the particular samples tested and to the specific tests carried out. This certificate applies specifically to the samples tested in the reports listed above only.

Approved Signatory:



Manuel Shimasaki
Managing Director

Parkside Laboratories

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Test Procedures:

Standard	Method Number	Method Name	Procedure / Conditions	Parkside Laboratories Report No
MIL-STD-810C	500.1	LOW PRESSURE (ALTITUDE)	I	8600-00
MIL-STD-810D	500.2	LOW PRESSURE (ALTITUDE)	II (Operation)	8600-00
MIL-STD-810E	500.3	LOW PRESSURE (ALTITUDE)	II (Operation)	8600-00
MIL-STD-810F	500.4	LOW PRESSURE (ALTITUDE)	II – Operation / Air Carriage	8600-00
MIL-STD-810C	501.1	HIGH TEMPERATURE	I & II	8602-00
MIL-STD-810D	501.2	HIGH TEMPERATURE	I – Storage & II – Operation	8602-00
MIL-STD-810E	501.3	HIGH TEMPERATURE	I – Storage & II – Operation	8602-00
MIL-STD-810F	501.4	HIGH TEMPERATURE	I – Storage & II – Operation	8602-00
MIL-STD-810C	502.1	LOW TEMPERATURE	I	8603-00
MIL-STD-810D	502.2	LOW TEMPERATURE	I – Storage & II – Operation	8603-00
MIL-STD-810E	502.3	LOW TEMPERATURE	I – Storage & II – Operation	8603-00
MIL-STD-810F	502.4	LOW TEMPERATURE	I – Storage & II – Operation	8603-00
MIL-STD-810C	503.1	TEMPERATURE SHOCK	I	8605-00
MIL-STD-810D	503.2	TEMPERATURE SHOCK	I	8605-00
MIL-STD-810E	503.3	TEMPERATURE SHOCK	I*	8605-00
MIL-STD-810F	503.4	TEMPERATURE SHOCK	I – Steady State	8605-00
MIL-STD-810C	506.1	RAIN	II	8607-00
MIL-STD-810D	506.2	RAIN	II – Drip	8607-00
MIL-STD-810E	506.3	RAIN	II – Drip	8607-00
MIL-STD-810F	506.4	RAIN	III – Drip	8607-00
MIL-STD-810C	505.1	SOLAR RADIATION	II	DC0869†
MIL-STD-810D	505.2	SOLAR RADIATION	I	DC0869†
MIL-STD-810E	505.3	SOLAR RADIATION	I	DC0869†
MIL-STD-810F	505.4	SOLAR RADIATION	I - Cycling	DC0869†
MIL-STD-810C	507.1	HUMIDITY	II	8608-00
MIL-STD-810D	507.2	HUMIDITY	II – Induced & III – Aggravated	8608-00
MIL-STD-810E	507.3	HUMIDITY	II – Induced & III – Aggravated	8608-00
MIL-STD-810F	507.4	HUMIDITY	I*	8608-00
MIL-STD-810C	509.1	SALT FOG	I	8609-00
MIL-STD-810D	509.2	SALT FOG	I – Aggravated Screening	8609-00
MIL-STD-810E	509.3	SALT FOG	I – Aggravated Screening	8609-00
MIL-STD-810F	509.4	SALT FOG	I*	8609-00
MIL-STD-810C	510.1	DUST (FINE SAND)	I	8610-00
MIL-STD-810D	510.2	SAND & DUST	I – Blowing Dust	8610-00
MIL-STD-810E	510.3	SAND & DUST	I – Blowing Dust	8610-00
MIL-STD-810F	510.4	SAND & DUST	I – Blowing Dust	8610-00
MIL-STD-810C	514.2	VIBRATION	VIII & X†	8611-00
MIL-STD-810D	514.3	VIBRATION	I	8611-00
MIL-STD-810E	514.4	VIBRATION	I	8611-00
MIL-STD-810F	514.5	VIBRATION	I – General vibration	8611-00

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Managing Director

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Test Procedures continued:

Standard	Method Number	Method Name	Procedure / Conditions	Parkside Laboratories Report No
MIL-STD-810C	516.2	SHOCK	I, basic design test & V – bench handling test	8613-00
MIL-STD-810D	516.3	SHOCK	I – Functional shock & VI – Bench handling	8613-00
MIL-STD-810E	516.4	SHOCK	I – Functional shock & VI – Bench handling	8613-00
MIL-STD-810F	516.5	SHOCK	I – Functional shock & VI – Bench handling	8613-00
IEC 60529:2001	–	–	IP54	8614-00

General Notes: † The test detailed in the report numbered DC0869 was conducted by BRANZ Limited not by Parkside Laboratories.

* This MIL-STD-810 revision incorporates only one procedure for this test method.

† A modification was made to the specification, to accommodate the displacement limitations of the test shaker. Refer to Parkside Laboratories Test Report Number 8613-00 for departures from MIL-STD-810C, Method 514.2, Procedures VIII & X.

Product Photographs:



Local Head Radio with Standard Microphone, shown with Security Bracket



Remote Head Radio and Keypad Microphone, shown with Standard U Bracket

Approved Signatory:

APPROVED

Manuel Shimasaki
Managing Director