



IANZ Endorsed Certificate of Calibration

Certificate Number: [REDACTED]

Manufacturer:	Yokogawa	Description:	Power Analyser
Model No:	WT500		
Serial No:	[REDACTED]	Options Installed:	FW: 1.18-0.16
Customer:	[REDACTED]	Customer Asset No:	[REDACTED]
	[REDACTED]	Location of Calibration:	RF Test Solutions Ltd 409 Cuba Street Alicetown Lower Hutt New Zealand
	[REDACTED]		
	[REDACTED]		
	[REDACTED]		
Date of Calibration:	[REDACTED]	Received Date:	[REDACTED]
Temperature:	23°C ± 5°C	Humidity:	20 - 80 % RH
Procedure:	RFTSWT500		

This calibration certificate documents that the instrument was calibrated for the parameters and at the points specified in the relevant RF Test Solutions calibration procedure as defined for this instrument, in accordance with the manufacturer's current recommended procedure. **Note:** This calibration certificate may reference instruments manufactured by HP and Agilent as being manufactured by Agilent Technologies, Inc.

Based on the manufacturer recommended calibration interval or user defined calibration interval, the next calibration is due on: 13-Nov-2015. The user should determine the suitability of this instrument for its intended use.

This certificate contains a summary of calibration information and the measurement uncertainty values attributed to the performance test results. The results of the performance test results are retained for a period of six years and are included as an appendix to this report.

No adjustment were performed on this instrument.

Remarks or Special Requirements:



Mike Tecofsky
Authorised IANZ Signatory

	RF Test Solutions Ltd 409 Cuba Street Alicetown Lower Hutt Wellington, NEW ZEALAND Telephone +64 4 570 2483	
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IANZ Endorsed Certificate of Calibration

Certificate Number: XXXXXXXXXX

Traceability Information:

Technician ID: M Tecofsky

The measurements made in support of this certificate are traceable to one or more of the following national standards laboratories: Measurement Standards Laboratory New Zealand, National Measurements Institute (Australia), National Institute of Standards and Technology (USA) and the National Physical Laboratory (UK).

At planned intervals, our measurement standards are calibrated by comparison to, or measurement against national or international standards, natural physical constants, consensus standards or by ratio type measurements using self calibrating techniques.

Endorsement: The tests, calibrations or measurements covered by this document have been performed in accordance with IANZ (International Accreditation New Zealand) requirements which include the requirements of ISO/IEC 17025 and are traceable to national standards of measurement.

This certificate shall not be reproduced, except in full.

The statement of compliance to manufacturers specifications does not include the associated measurement uncertainties.

Calibration Equipment Used:

Model Number:	Model Description:	Trace Number:	Cal due date:
5101B	Calibrator	RFT2731	30-Jan-2015
3457A	Digital Multimeter	RFT2732	13-Mar-2015
5700A	Calibrator	RFT4050	25-Mar-2015
5725A	Amplifier	RFT4051	25-Mar-2015



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Uncertainty Annex

Test Parameter	Range	Expanded Uncertainty	k
AC Voltage Accuracy			
Range	Applied		
	1 V, 60 Hz	+/- 0.71 mV	2.0
	10 V, 60 Hz	+/- 1.12 mV	2.0
	15 V, 60 Hz	+/- 1.49 mV	2.0
	30 V, 60 Hz	+/- 2.95 mV	2.0
	50 V, 60 Hz	+/- 4.8 mV	2.0
	60 V, 60 Hz	+/- 5.8 mV	2.0
	100 V, 60 Hz	+/- 11.8 mV	2.0
	100 V, 1 kHz	+/- 11.8 mV	2.0
	100 V, 10 kHz	+/- 11.8 mV	2.0
	100 V, 50 kHz	+/- 27.5 mV	2.0
	100 V, 100 kHz	+/- 27.5 mV	2.0
	110 V, 60 Hz	+/- 12.6 mV	2.0
	150 V, 60 Hz	+/- 15.9 mV	2.0
	150 V, 1 kHz	+/- 15.9 mV	2.0
	150 V, 10 kHz	+/- 15.9 mV	2.0
	150 V, 50 kHz	+/- 40.5 mV	2.0
	150 V, 100 kHz	+/- 40.5 mV	2.0
	300 V, 60 Hz	+/- 29.8 mV	2.0
	600 V, 60 Hz	+/- 58.5 mV	2.0
	1000 V, 60 Hz	+/- 119 mV	2.0
Frequency			
Range	Applied		
	5 kHz	+/- 14 ppm	2.0
DC Voltage Accuracy			



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Range	Applied		
	1 V	+/- 709 uV	2.0
	10 V	+/- 714 uV	2.0
	15 V	+/- 716 uV	2.0
	50 V	+/- 810.16 mV	2.0
	100V	+/- 7.13 mV	2.0
	110 V	+/- 7.1 mV	2.0
	150 V	+/- 7.2 mV	2.0
AC Current			
Range	Applied		
5 A	50 mA, 60 Hz	+/- 0.14 %	2.0
	0.5 A, 60 Hz	+/- 0.07 %	2.0
5 A	0.5 A, 60 Hz	+/- 0.08 %	2.0
	1 A, 60 Hz	+/- 0.07 %	2.0
	1 A, 1 kHz	+/- 0.07 %	2.0
	2 A, 60 Hz	+/- 0.07 %	2.0
5 A	2.5 A, 60 Hz	+/- 0.09 %	2.0
5 A	5 A, 60 Hz	+/- 0.09 %	2.0
5 A	5.5 A, 60 Hz	+/- 0.09 %	2.0
10 A	10 A, 60 Hz	+/- 0.09 %	2.0
DC Current			
Range	Applied		
5 A	50 mA	+/- 1421 ppm	2.0
0.5 A	0.5 A	+/- 161 ppm	2.0
5 A	0.5 A	+/- 212 ppm	2.0
5 A	2.5 A	+/- 392 ppm	2.0
5 A	5 A	+/- 391 ppm	2.0
5 A	5.5 A	+/- 391 ppm	2.0
AC Power			



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Range	Applied		
	50 W, 60 Hz	+/- 0.16 %	2.0
	75 W, 60 Hz	+/- 0.1 %	2.0
	100 W, 60 Hz	+/- 0.71 %	2.0
	100 W, 1 kHz	+/- 0.71 %	2.0
	100 W, 10 kHz	+/- 0.71 %	2.0
	150 W, 60 Hz	+/- 0.17 %	2.0
	200 W, 60 Hz	+/- 0.36 %	2.0
	250 W, 60 Hz	+/- 0.3 %	2.0
	300 W, 60 Hz	+/- 0.17 %	2.0
	500 W, 60 Hz	+/- 0.17 %	2.0
	500 W, 1 kHz	+/- 0.17 %	2.0
	750 W, 60 Hz	+/- 0.17 %	2.0
	750 W, 1 kHz	+/- 0.17 %	2.0
	1500 W, 60 Hz	+/- 1.42 %	2.0
	3000 W, 60 Hz	+/- 1.42 %	2.0
	5000 W, 60 Hz	+/- 1.42 %	2.0
DC Power			
Range	Applied		
	50 W	+/- 1.42 %	2.0
	75 W	+/- 0.15 %	2.0
	250 W	+/- 0.29 %	2.0
	500 W	+/- 0.15 %	2.0
	750 W	+/- 1.42 %	2.0
Revision 1.00			

For a confidence level of 95 %

 <p><i>RF TEST SOLUTIONS</i></p>	<p>RF Test Solutions Ltd 409 Cuba Street Alicetown Lower Hutt Wellington, NEW ZEALAND Telephone +64 4 570 2483</p>	 <p>IANZ ACCREDITED CALIBRATION LABORATORY ACCREDITATION Nº: 482</p>
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Calibration**

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**Appendix A
Performance Test Results**



PERFORMANCE TEST CARD (AS RECEIVED)

DATE: [REDACTED]

REPORT NUMBER: [REDACTED]

MODEL NUMBER: WT500

DESCRIPTION: Power Analyser

SERIAL NUMBER : [REDACTED]

MANUFACTURER: Yokogawa

OPTION NUMBERS :

TESTED BY: M Tecofsky

TEMP: (DEG C) 23 +/- 5

HUMIDITY: (%) 20 - 80

Issue: 1.00

Reference no. RFTSWT500

TEST	TEST PARAMETERS		LOWER	UUT	UPPER	UNITS	Pass/Fail
DESCRIPTION	Voltage (V)	Frequency	LIMIT	READING	LIMIT		
Self Test				Pass			
DC Voltage Accuracy: Element 1	1	dc	0.9	1.000	1.1	V	Pass
	-1	dc	-1.1	-0.999	-0.9	V	Pass
	10	dc	9.89	9.995	10.11	V	Pass
	-10	dc	-10.11	-9.993	-9.89	V	Pass
	15	dc	14.97	14.992	15.03	V	Pass
	-15	dc	-15.03	-14.989	-14.97	V	Pass
	50	dc	48.85	49.975	50.15	V	Pass
	-50	dc	-50.15	-49.978	-48.85	V	Pass
	100	dc	99.8	99.95	100.2	V	Pass
	-100	dc	-100.2	-99.94	-99.8	V	Pass
	110	dc	109.79	109.94	110.21	V	Pass
	-110	dc	-110.21	-109.94	-109.79	V	Pass
	150	dc	149.7	149.92	150.3	V	Pass
	-150	dc	-150.3	-149.91	-149.7	V	Pass
AC Voltage Accuracy: Element 1	1	60 Hz	0.9	1.000	1.1	V	Pass
	10	60 Hz	9.89	9.996	10.11	V	Pass
	15	60 Hz	14.97	14.999	15.03	V	Pass
	30	60 Hz	29.94	29.992	30.06	V	Pass
	50	60 Hz	49.85	49.989	50.15	V	Pass
	60	60 Hz	59.88	59.991	60.12	V	Pass
	100	60 Hz	99.8	99.97	100.2	V	Pass
	100	1 kHz	99.7	100.02	100.3	V	Pass
	100	10 kHz	99.25	99.94	100.75	V	Pass
	100	50 kHz	97.6	100.00	102.4	V	Pass
	100	100 kHz	95.6	99.76	104.4	V	Pass
	110	60 Hz	109.79	109.96	110.21	V	Pass
	150	60 Hz	149.7	149.95	150.3	V	Pass
	150	1 kHz	149.55	149.93	150.45	V	Pass
	150	10 kHz	148.87	149.89	151.13	V	Pass
	150	50 kHz	146.4	150.05	153.6	V	Pass
	150	100 kHz	143.4	149.89	156.6	V	Pass
	300	60 Hz	299.4	299.90	300.6	V	Pass
	600	60 Hz	598.8	599.22	601.2	V	Pass
	1000	60 Hz	0.998	0.9995	1.002	kV	Pass



DATE: [REDACTED]
 MODEL NUMBER: WT500
 SERIAL NUMBER : [REDACTED]
 OPTION NUMBERS : 0
 TEMP: (DEG C) 23 +/- 5
 Issue: 1.00

REPORT NUMBER: [REDACTED]
 DESCRIPTION: Power Analyser
 MANUFACTURER: Yokogawa
 TESTED BY: M Tecofsky
 HUMIDITY: (%) 20 - 80
 Reference no. RFTSWT500

TEST DESCRIPTION	TEST PARAMETERS			LOWER	UUT	UPPER	UNITS	Pass/Fail
	Current (A)	Frequency	Range (A)	LIMIT	READING	LIMIT		
DC Current Accuracy: Element 1	0.05	dc	5	-0.001	0.0500	0.101	A	Pass
	-0.05	dc	5	-0.101	-0.0500	0.001	A	Pass
	0.5	dc	0.5	499	499.49	501	mA	Pass
	-0.5	dc	0.5	-501	-499.64	-499	mA	Pass
	0.5	dc	5	0.445	0.4995	0.555	A	Pass
	-0.5	dc	5	-0.555	-0.4996	-0.445	A	Pass
	2.5	dc	5	2.425	2.4959	2.575	A	Pass
	-2.5	dc	5	-2.575	-2.4965	-2.425	A	Pass
	5	dc	5	4.99	4.9921	5.01	A	Pass
	-5	dc	5	-5.01	-4.9926	-4.99	A	Pass
	5.5	dc	5	5.4895	5.4913	5.5105	A	Pass
	-5.5	dc	5	-5.5105	-5.4920	-5.4895	A	Pass
AC Current Accuracy: Element 1	0.05	60 Hz	5	0.0449	0.0500	0.0551	A	Pass
	0.5	60 Hz		499	500.05	501	mA	Pass
	0.5	60 Hz	5	0.4945	0.5000	0.5055	A	Pass
	1	60 Hz		0.998	1.0000	1.002	A	Pass
	1	1 kHz		0.997	0.9998	1.003	A	Pass
	2	60 Hz		1.996	2.0000	2.004	A	Pass
	2.5	60 Hz	5	2.4925	2.4987	2.5075	A	Pass
	5	60 Hz	5	4.99	4.9968	5.01	A	Pass
	5.5	60 Hz	5	5.4895	5.4963	5.5105	A	Pass
	10	60 Hz	10	9.98	9.9930	10.02	A	Pass



DATE: [REDACTED]
 MODEL NUMBER: WT500
 SERIAL NUMBER : [REDACTED]
 OPTION NUMBERS : 0
 TEMP: (DEG C) 23 +/- 5
 Issue: 1.00

REPORT NUMBER: [REDACTED]
 DESCRIPTION: Power Analyser
 MANUFACTURER: Yokogawa
 TESTED BY: M Tecofsky
 HUMIDITY: (%) 20 - 80
 Reference no. RFTSWT500

TEST DESCRIPTION	TEST PARAMETERS			LOWER	UUT	UPPER	UNITS	Pass/Fail
	Current (A)	Frequency	Range (A)	LIMIT	READING	LIMIT		
DC Current Accuracy: Element 2	0.05	dc	5	-0.001	0.05	0.101	A	Pass
	-0.05	dc	5	-0.101	-0.05	0.001	A	Pass
	0.5	dc	0.5	499	499.49	501	mA	Pass
	-0.5	dc	0.5	-501	-499.64	-499	mA	Pass
	0.5	dc	5	0.445	0.4995	0.555	A	Pass
	-0.5	dc	5	-0.555	-0.4996	-0.445	A	Pass
	2.5	dc	5	2.425	2.4959	2.575	A	Pass
	-2.5	dc	5	-2.575	-2.4965	-2.425	A	Pass
	5	dc	5	4.99	4.9921	5.01	A	Pass
	-5	dc	5	-5.01	-4.9926	-4.99	A	Pass
	5.5	dc	5	5.4895	5.4913	5.5105	A	Pass
	-5.5	dc	5	-5.5105	-5.492	-5.4895	A	Pass
AC Current Accuracy: Element 2	0.05	60 Hz	5	0.0449	0.05	0.0551	A	Pass
	0.5	60 Hz		499	500.05	501	mA	Pass
	0.5	60 Hz	5	0.4945	0.5000	0.5055	A	Pass
	1	60 Hz		0.998	1.0000	1.002	A	Pass
	1	1 kHz		0.997	0.9998	1.003	A	Pass
	2	60 Hz		1.996	2.0000	2.004	A	Pass
	2.5	60 Hz	5	2.4925	2.4987	2.5075	A	Pass
	5	60 Hz	5	4.99	4.9968	5.01	A	Pass
	5.5	60 Hz	5	5.4895	5.4963	5.5105	A	Pass
	10	60 Hz	5	9.98	9.993	10.02	A	Pass



DATE: [REDACTED]
 MODEL NUMBER: WT500
 SERIAL NUMBER : [REDACTED]
 OPTION NUMBERS : 0
 TEMP: (DEG C) 23 +/- 5
 Issue: 1.00

REPORT NUMBER: [REDACTED]
 DESCRIPTION: Power Analyser
 MANUFACTURER: Yokogawa
 TESTED BY: M Tecofsky
 HUMIDITY: (%) 20 - 80
 Reference no. RFTSWT500

TEST DESCRIPTION	TEST PARAMETERS			LOWER	UUT	UPPER	UNITS	Pass/Fail
	Current (A)	Frequency	Range (A)	LIMIT	READING	LIMIT		
DC Current Accuracy: Element 3	0.05	dc	5	-0.001	0.0500	0.101	A	Pass
	-0.05	dc	5	-0.101	-0.0499	0.001	A	Pass
	0.5	dc	0.5	499	499.44	501	mA	Pass
	-0.5	dc	0.5	-501	-499.62	-499	mA	Pass
	0.5	dc	5	0.445	0.4995	0.555	A	Pass
	-0.5	dc	5	-0.555	-0.4995	-0.445	A	Pass
	2.5	dc	5	2.425	2.4962	2.575	A	Pass
	-2.5	dc	5	-2.575	-2.4960	-2.425	A	Pass
	5	dc	5	4.99	4.9919	5.01	A	Pass
	-5	dc	5	-5.01	-4.9919	-4.99	A	Pass
	5.5	dc	5	5.4895	5.4910	5.5105	A	Pass
	-5.5	dc	5	-5.5105	-5.4911	-5.4895	A	Pass
AC Current Accuracy: Element 3	0.05	60 Hz	5	0.0449	0.0500	0.0551	A	Pass
	0.5	60 Hz		499	500.00	501	mA	Pass
	0.5	60 Hz	5	0.4945	0.5000	0.5055	A	Pass
	1	60 Hz		0.998	0.9999	1.002	A	Pass
	1	1 kHz		0.997	0.9997	1.003	A	Pass
	2	60 Hz		1.996	1.9997	2.004	A	Pass
	2.5	60 Hz	5	2.4925	2.4980	2.5075	A	Pass
	5	60 Hz	5	4.99	4.9958	5.01	A	Pass
	5.5	60 Hz	5	5.4895	5.4957	5.5105	A	Pass
	10	60 Hz	5	9.98	9.992	10.02	A	Pass



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 DESCRIPTION: Power Analyser
 MANUFACTURER: Yokogawa
 TESTED BY: M Tecofsky
 HUMIDITY: (%) 20 - 80
 Reference no. RFTSWT500

TEST DESCRIPTION	TEST PARAMETERS			LOWER	UUT	UPPER	UNITS	Pass/Fail
	Voltage (V)	Frequency	Current (A)	LIMIT	READING	LIMIT		
DC Power Accuracy: Element 2	100	dc	0.5	49.9	49.9	50.1	W	Pass
	-100	dc	0.5	-50.1	-49.91	-49.9	W	Pass
	15	dc	5	74.85	74.91	75.15	W	Pass
	-15	dc	5	-75.15	-74.92	-74.85	W	Pass
	100	dc	2.5	249.25	249.69	250.75	W	Pass
	-100	dc	2.5	-250.75	-249.71	-249.25	W	Pass
	100	dc	5	499	499.54	501	W	Pass
	-100	dc	5	-501	-499.51	-499	W	Pass
	150	dc	5	0.7485	0.7493	0.7515	kW	Pass
	-150	dc	5	-0.7515	-0.7492	-0.7485	kW	Pass
AC Power Accuracy: Element 2	100	60 Hz	0.5	49.9	50.037	50.1	W	Pass
	15	60 Hz	5	74.85	74.999	75.15	W	Pass
	100	60 Hz	1	99.8	100.06	100.2	W	Pass
	100	1 kHz	1	99.6	100.07	100.4	W	Pass
	100	10 kHz	1	98.7	100.06	101.3	W	Pass
	30	60 Hz	5	149.7	150.09	150.3	W	Pass
	100	60 Hz	2	199.6	200.19	200.4	W	Pass
	100	60 Hz	2.5	249.25	250.06	250.75	W	Pass
	60	60 Hz	5	299.4	300.07	300.6	W	Pass
	100	60 Hz	5	499	500.00	501	W	Pass
	100	1 kHz	5	498	499.97	502	W	Pass
	150	60 Hz	5	748.5	750.01	751.5	W	Pass
	150	1 kHz	5	747	750.00	753	W	Pass
	300	60 Hz	5	1.497	1.5000	1.503	kW	Pass
	600	60 Hz	5	2.994	3.0000	3.006	kW	Pass
	1000	60 Hz	5	4.99	5.0009	5.01	kW	Pass



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TEST DESCRIPTION	TEST PARAMETERS			LOWER	UUT	UPPER	UNITS	Pass/Fail
	Voltage (V)	Frequency	Current (A)	LIMIT	READING	LIMIT		
DC Power Accuracy: Element 3	100	dc	0.5	49.9	49.99	50.1	W	Pass
	-100	dc	0.5	-50.1	-49.99	-49.9	W	Pass
	15	dc	5	74.85	74.93	75.15	W	Pass
	-15	dc	5	-75.15	-74.93	-74.85	W	Pass
	100	dc	2.5	249.25	249.78	250.75	W	Pass
	-100	dc	2.5	-250.75	-249.79	-249.25	W	Pass
	100	dc	5	499	499.56	501	W	Pass
	-100	dc	5	-501	-499.61	-499	W	Pass
	150	dc	5	0.7485	0.7494	0.7515	kW	Pass
	-150	dc	5	-0.7515	-0.7494	-0.7485	kW	Pass
AC Power Accuracy: Element 3	100	60 Hz	0.5	49.9	50.033	50.1	W	Pass
	15	60 Hz	5	74.85	74.995	75.15	W	Pass
	100	60 Hz	1	99.8	100.06	100.2	W	Pass
	100	1 kHz	1	99.6	100.06	100.4	W	Pass
	100	10 kHz	1	98.7	100.04	101.3	W	Pass
	30	60 Hz	5	149.7	150.08	150.3	W	Pass
	100	60 Hz	2	199.6	200.17	200.4	W	Pass
	100	60 Hz	2.5	249.25	250.05	250.75	W	Pass
	60	60 Hz	5	299.4	300.06	300.6	W	Pass
	100	60 Hz	5	499	499.96	501	W	Pass
	100	1 kHz	5	498	499.94	502	W	Pass
	150	60 Hz	5	748.5	749.99	751.5	W	Pass
	150	1 kHz	5	747	749.90	753	W	Pass
	300	60 Hz	5	1.497	1.4999	1.503	kW	Pass
	600	60 Hz	5	2.994	3.0000	3.006	kW	Pass
	1000	60 Hz	5	4.99	5.0005	5.01	kW	Pass



DATE: [REDACTED]

MODEL NUMBER: WT500

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OPTION NUMBERS : 0

TEMP: (DEG C) 23 +/- 5

Issue: 1.00

REPORT NUMBER: [REDACTED]

DESCRIPTION: Power Analyser

MANUFACTURER: Yokogawa

TESTED BY: M Tecofsky

HUMIDITY: (%) 20 - 80

Reference no. RFTSWT500

TEST DESCRIPTION	TEST PARAMETERS			LOWER	UUT	UPPER	UNITS	Pass/Fail
	Input	Frequency	Filter	LIMIT	READING	LIMIT		
Line Filter Test: Element 1	99.98 V	60 Hz	500 Hz	99.78	99.96	100.18	V	Pass
	99.98 V	60 Hz	5.5 kHz	99.78	99.95	100.18	V	Pass
	99.98 V	500 Hz	5.5 kHz	99.48	99.93	100.48	V	Pass
	99.98 V	1 kHz	5.5 kHz	98.98	99.96	100.98	V	Pass
	99.98 V	2.5 kHz	5.5 kHz	96.03	98.97	103.93	V	Pass
	1.0001 A	1 kHz	5.5 kHz	0.9901	1.0003	1.0101	A	Pass
	1.0001 A	2.5 kHz	5.5 kHz	0.9606	0.9885	1.0396	A	Pass
	99.98 W	60 Hz	500 Hz	99.68	100.05	100.28	W	Pass
	99.98 W	500 Hz	5.5 kHz	98.79	100.09	101.19	W	Pass
Line Filter Test: Element 2	99.98 V	60 Hz	500 Hz	99.78	99.97	100.18	V	Pass
	99.98 V	60 Hz	5.5 kHz	99.78	99.96	100.18	V	Pass
	99.98 V	500 Hz	5.5 kHz	99.48	99.93	100.48	V	Pass
	99.98 V	1 kHz	5.5 kHz	98.98	99.94	100.98	V	Pass
	99.98 V	2.5 kHz	5.5 kHz	96.03	98.73	103.93	V	Pass
	1.0001 A	1 kHz	5.5 kHz	0.9901	1.0006	1.0101	A	Pass
	1.0001 A	2.5 kHz	5.5 kHz	0.9606	0.9914	1.0396	A	Pass
	99.98 W	60 Hz	500 Hz	99.68	100.05	100.28	W	Pass
	99.98 W	500 Hz	5.5 kHz	98.79	100.07	101.19	W	Pass
Line Filter Test: Element 3	99.98 V	60 Hz	500 Hz	99.78	99.96	100.18	V	Pass
	99.98 V	60 Hz	5.5 kHz	99.78	99.95	100.18	V	Pass
	99.98 V	500 Hz	5.5 kHz	99.48	99.94	100.48	V	Pass
	99.98 V	1 kHz	5.5 kHz	98.98	99.98	100.98	V	Pass
	99.98 V	2.5 kHz	5.5 kHz	96.03	99.09	103.93	V	Pass
	1.0001 A	1 kHz	5.5 kHz	0.9901	1.0000	1.0101	A	Pass
	1.0001 A	2.5 kHz	5.5 kHz	0.9606	0.9858	1.0396	A	Pass
	99.98 W	60 Hz	500 Hz	99.68	100.05	100.28	W	Pass
	99.98 W	500 Hz	5.5 kHz	98.79	100.07	101.19	W	Pass



DATE: [REDACTED]

MODEL NUMBER: WT500

SERIAL NUMBER : [REDACTED]

OPTION NUMBERS : 0

TEMP: (DEG C) 23 +/- 5

Issue: 1.00

REPORT NUMBER: [REDACTED]

DESCRIPTION: Power Analyser

MANUFACTURER: Yokogawa

TESTED BY: M Tecofsky

HUMIDITY: (%) 20 - 80

Reference no. RFTSWT500

TEST DESCRIPTION	TEST PARAMETERS			LOWER	UUT	UPPER	UNITS	Pass/Fail
	Input	Frequency	Filter	LIMIT	READING	LIMIT		
Frequency Accuracy: Element 1	100 V	5000 Hz	Off	4997	5000.7	5003	Hz	Pass
	100 V	5000 Hz	On		ERROR			Pass
	1 A	5000 Hz	Off	4997	4999.9	5003	Hz	Pass
	1 A	5000 Hz	On		ERROR			Pass
Frequency Accuracy: Element 2	100 V	5000 Hz	Off	4997	5000.7	5003	Hz	Pass
	100 V	5000 Hz	On		ERROR			Pass
	1 A	5000 Hz	Off	4997	4999.9	5003	Hz	Pass
	1 A	5000 Hz	On		ERROR			Pass
Frequency Accuracy: Element 3	100 V	5000 Hz	Off	4997	5000.7	5003	Hz	Pass
	100 V	5000 Hz	On		ERROR			Pass
	1 A	5000 Hz	Off	4997	4999.9	5003	Hz	Pass
	1 A	5000 Hz	On		ERROR			Pass
				End of Report				