RF TEST REPORT



Report No.: FCC IC_SL18083004-TRB-052 Rev_1.0 Supersede Report No.: FCC IC_SL18083004-TRB-052

Applicant	Trimble Inc.			
Product Name	Gamel 900			
Model No.	83118-91			
FCC ID	JUP-8311891			
Test Standard	47 CFR 15.247 RSS-247 Issue 2, February 2017			
Test Method	ANSI C63.10: 2013 RSS Gen Iss 5: Apr 2018 558074 D01 DTS Meas Guidance v0	ANSI C63.10: 2013		
Date of test	09/11/2018 - 09/12/2018			
Issue Date	10/30/2018			
Test Result	<u>Pass</u> Fail			
Equipment complied with the specification [x]		[x]		
Equipment did not comply with the specification		[]		
Radara				
Rachana Khanduri		Chen Ge		
Test Engineer Engineer		Engineer Reviewer		
	This test report may be reproduced in full only Test result presented in this test report is applicable to the tested sample only			

Issued By:
SIEMIC Laboratories
775 Montague Expressway, Milpitas, 95035 CA



775 Montague Expressway, Milpitas, CA 95035, USA • Phone: (+1) 408 526 1188 • Facsimile (+1) 408 526 1088





Test report No.	FCC IC_SL18083004-TRB-052 Rev_1.0
Page	2 of 21

Laboratory Introduction

SIEMIC, headquartered in the heart of Silicon Valley, with superior facilities in US and Asia, is one of the leading independent testing and certification facilities providing customers with one-stop shop services for Compliance Testing and Global Certifications.



In addition to testing and certification, SIEMIC provides initial design reviews and compliance management throughout a project. Our extensive experience with China, Asia Pacific, North America, European, and International compliance requirements, assures the fastest, most cost effective way to attain regulatory compliance for the global markets.

Accreditations for Conformity Assessment

Country/Region	Accreditation Body	Scope
USA	FCC, A2LA	EMC, RF/Wireless, Telecom
Canada	IC, A2LA, NIST	EMC, RF/Wireless, Telecom
Taiwan	BSMI, NCC, NIST	EMC, RF, Telecom, Safety
Hong Kong	OFTA, NIST	RF/Wireless, Telecom
Australia	NATA, NIST	EMC, RF, Telecom, Safety
Korea	KCC/RRA, NIST	EMI, EMS, RF, Telecom, Safety
Japan	VCCI, JATE, TELEC, RFT	EMI, RF/Wireless, Telecom
Mexico	NOM, COFETEL, Caniety	Safety, EMC, RF/Wireless, Telecom
Europe	A2LA, NIST	EMC, RF, Telecom, Safety
Israel	MOC, NIST	EMC, RF, Telecom, Safety

Accreditations for Product Certifications

Country	Accreditation Body	Scope
USA	FCC TCB, NIST	EMC, RF, Telecom
Canada	IC FCB, NIST	EMC, RF, Telecom
Singapore	iDA, NIST	EMC, RF, Telecom
EU	NB	EMC & Radio Equipment Directive (RED)
Japan	MIC (RCB 208)	RF, Telecom
Hong Kong	OFTA (US002)	RF, Telecom

775 Montague Expressway, Milpitas, CA 95035, USA • Phone: (+1) 408 526 1188 • Facsimile (+1) 408 526 1088







Test report No.	FCC IC_SL18083004-TRB-052 Rev_1.0
Page	3 of 21

CONTENTS

1		REPORT REVISION HISTORY	4
2		EXECUTIVE SUMMARY	
3		CUSTOMER INFORMATION	
4		TEST SITE INFORMATION	
5		MODIFICATION	
6		EUT INFORMATION	
	6.1		
	6.2		
	6.3	3 EUT test modes/configuration Description	6
7	;	SUPPORTING EQUIPMENT/SOFTWARE AND CABLING DESCRIPTION	7
	7.1	1 Supporting Equipment	7
	7.2	2 Cabling Description	7
	7.3	3 Test Software Description	7
8	•	TEST SUMMARY	8
9	I	MEASUREMENT UNCERTAINTY	9
1()	MEASUREMENTS, EXAMINATION AND DERIVED RESULTS	10
	10.	0.1 Output Power	10
	10.	0.2 Radiated Spurious Emissions below 1GHz	14
	10.	0.3 Radiated Spurious Emissions between 1GHz – 25GHz	16
Α	NNE	EX A. TEST INSTRUMENT	19
٨	NINIE	EV D. SIEMIC ACCREDITATION	20



Test report No.	FCC IC_SL18083004-TRB-052 Rev_1.0
Page	4 of 21

Report Revision History

Report No.	Report Version	Description	Issue Date
FCC IC_SL18083004-TRB-052	None	Original	09/19/2018
FCC IC_SL18083004-TRB-052 Rev_1.0	Rev_1.0	Update support equipment information	10/30/2018

775 Montague Expressway, Milpitas, CA 95035, USA • Phone: (+1) 408 526 1188 • Facsimile (+1) 408 526 1088

Visit us at: www.siemic.com: Follow us at:





Test report No.	FCC IC_SL18083004-TRB-052 Rev_1.0
Page	5 of 21

2 **Executive Summary**

The purpose of this test program was to demonstrate compliance of following product

Company:Trimble IncProduct:Gamel 900Model:83118-91

against the current Stipulated Standards. The specified model product stated above has demonstrated compliance with the Stipulated Standard listed on 1st page.

3 Customer information

Applicant Name	Trimble Inc
Applicant Address	935 Stewart Drive, Sunnyvale, CA 94085, USA
Manufacturer Name	Trimble Inc
Manufacturer Address	935 Stewart Drive, Sunnyvale, CA 94085, USA

4 Test site information

Lab performing tests	SIEMIC Laboratories
Lab Address	775 Montague Expressway, Milpitas, CA 95035
FCC Test Site No.	881796
IC Test Site No.	4842D-2
VCCI Test Site No.	A0133

5 Modification

Index	Item	Description	Note
-	-	-	-

775 Montague Expressway, Milpitas, CA 95035, USA • Phone: (+1) 408 526 1188 • Facsimile (+1) 408 526 1088







Test report No.	FCC IC_SL18083004-TRB-052 Rev_1.0
Page	6 of 21

6 **EUT Information**

6.1 **EUT Description**

Product Name:	Gamel 900	
Model No.:	83118-91	
Trade Name:	Trimble Inc.	
Serial No.:	N/A	
Input Power:	100-240VAC 50-60Hz	
Date of EUT received:	08/31/2017	
Equipment Class/ Category:	Class B	
Remark:		

6.2 Radio Description

Radio Type	UHF Radio
Operating Frequency	902.6-927.6
Channel Spacing	500kHz
Antenna Type	Dipole
Antenna Gain	2.5dBi
Antenna Connector Type	Reverse SMA
Note	N/A

6.3 EUT test modes/configuration Description

Test mode

Test Mode				
Pre_test_mode_1	Continuous Transmit	-		
Pre_test_mode_2	Normal Operation Mode (duty cycle transmit power)	-		
Pre_test_mode_3	-	-		

775 Montague Expressway, Milpitas, CA 95035, USA • Phone: (+1) 408 526 1188 • Facsimile (+1) 408 526 1088





Test report No.	FCC IC_SL18083004-TRB-052 Rev_1.0
Page	7 of 21

Supporting Equipment/Software and cabling Description

Supporting Equipment 7.1

Item	Support Equipment Description	Model	Serial Number	Manufacturer	Notes
1	Laptop	E430	N/A	Lenovo	-
2	CAN ICES-3(B)/NMB-3(B)	BX940	5732C02020	Trimble	-
3	DC Pass	N/A	N/A	Trimble	-

7.2 Cabling Description

		Connection Stop		Length / shielding Info		Note	
		I/O Port	То	I/O Port	Length (m)	Shielding	Note
Coaxial	BX940	TNC Connector	EUT	TNC Connector	5m	Unshielded	

7.3 Test Software Description

Test Item	Software	Description
RF Testing	N/A	Set the EUT to transmit continuously in different test modes and channels

775 Montague Expressway, Milpitas, CA 95035, USA • Phone: (+1) 408 526 1188 • Facsimile (+1) 408 526 1088





Test report No.	FCC IC_SL18083004-TRB-052 Rev_1.0
Page	8 of 21

Test Summary

Te	est Item		Test standard		Test Method/Procedure	
Radiated Sp	Radiated Spurious Emissions		15.247(d)	FCC	ANSI C63.10:2013 RSS Gen Issue 5: 2018	⊠ Pass
			RSS247 (5.5)	IC	558074 D01 DTS Meas Guidance v05	□ N/A
1. All measurement uncertainties do not take into consideration for all presented test results. Remark 2. The applicant shall ensure frequency stability by showing that an emission is maintained within the band of operation under all normal operating conditions as specified in the user's manual.						peration under

775 Montague Expressway, Milpitas, CA 95035, USA • Phone: (+1) 408 526 1188 • Facsimile (+1) 408 526 1088

Visit us at: www.siemic.com: Follow us at:







Test report No.	FCC IC_SL18083004-TRB-052 Rev_1.0
Page	9 of 21

Measurement Uncertainty

Emissions							
Test Item	Frequency Range	Description	Uncertainty				
AC Conducted Emissions	150KHz – 30MHz	Confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2	±3.5dB				
RF conducted measurement	150KHz – 40GHz	Confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2	±0.95dB				
Radiated Spurious Emissions	30MHz – 1GHz	Confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2 (for EUTs < 0.5m X 0.5m X 0.5m)	±6dB				
Radiated Spurious Emissions	1GHz – 40GHz	Confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2 (for EUTs < 0.5m X 0.5m X 0.5m)	±6dB				

775 Montague Expressway, Milpitas, CA 95035, USA • Phone: (+1) 408 526 1188 • Facsimile (+1) 408 526 1088

Visit us at: www.siemic.com: Follow us at:





Test report No.	FCC IC_SL18083004-TRB-052 Rev_1.0
Page	10 of 21

10 Measurements, Examination and Derived Results

10.1 Output Power

Requirement(s):

Spec	Item	Requirement			Applicable
§ 15.247 RSS247 (5.4.4)	1	For systems using digital modul 5725-5850 MHz bands: 1 Watt. compliance with the one Watt limaximum conducted output por	As an alternative to a mit can be based on a	peak power measurement,	
Test Setup		Spectrum Analyzer		EUT	
Test Procedure	Measu This pris greating (a (b) (c) (c) (d) (d)	4 D01 DTS Meas Guidance v04, urement using a Spectrum Analyz rocedure shall be used when the n ster than the DTS bandwidth. a) Set the RBW ≥ DTS bandwi b) Set VBW ≥ 3 □ RBW. c) Set span ≥ 3 □ RBW. d) Sweep time = auto couple. e) Detector = peak. f) Trace mode = max hold. g) Allow trace to fully stabilize h) Use peak marker function to o	<u>ter (SA)</u> neasurement instrume dth.	nplitude level.	ndwidth that
Test Date	09/11/2	2018	Environmental condition	Temperature Relative Humidity Atmospheric Pressure	23°C 44% 1021mbar
Remark	NONE				
Result	⊠ Pas	ss 🗆 Fail			

Test Data	⊠ Yes	□ N/A
Test Plot		□ N/A

Test was done by Rachana Khanduri at RF test site.

775 Montague Expressway, Milpitas, CA 95035, USA • Phone: (+1) 408 526 1188 • Facsimile (+1) 408 526 1088







Test report No.	FCC IC_SL18083004-TRB-052 Rev_1.0
Page	11 of 21

Output Power measurement results for UHF:

Туре	Freq (MHz)	СН	Conducted Power (dBm)	Limit (dBm)	Result
	902.6	Low	29.55	≤30	Pass
Output power	915.4	Mid	29.15	≤30	Pass
	927.6	High	28.68	≤30	Pass





Test report No.	FCC IC_SL18083004-TRB-052 Rev_1.0
Page	12 of 21

Test Plots:







Test report No. FCC IC_SL18083004-TRB-052 Rev_1.0
Page 13 of 21







Test report No.	FCC IC_SL18083004-TRB-052 Rev_1.0
Page	14 of 21

10.2 Radiated Spurious Emissions below 1GHz

Requirement(s):

Spec	Item	Requirement		Applicable				
47CFR§15.247(d) RSS247 (5.5)	a)	Except higher limit as specified elsewhere in other section, the emissions from the low-power radio-frequency devices shall not exceed the field strength levels specified in the following table and the level of any unwanted emissions shall not exceed the level of the fundamental emission. The tighter limit applies at the band edges Frequency range (MHz) Field Strength (uV/m)						
Test Setup	7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Semi Anechoic Chal Radio Absorbing Material Ground Plane	Antenna 1-4m	pectrum Analyzer				
Procedure	1. 2. 3. 4.	rotation of the EUT) was chosen. b. The EUT was then rotated to the	quency points obtained from the EUT chan out by rotating the EUT, changing the ant ght in the following manner: (whichever gave the higher emission leved direction that gave the maximum emission djusted to the height that gave the maxime for that frequency point.	enna el over a full n. um emission.				
Remark		UT was scanned up to 1GHz. Both horizontal only the worst case.	and vertical polarities were investigated.	The results				
Result	⊠ Pa	ss 🗆 Fail						

Test Data ⊠ Yes (See below) □ N/A

Test Plot ⊠ Yes (See below) □ N/A

Test was done by Shuo Zhang at 10m chamber.

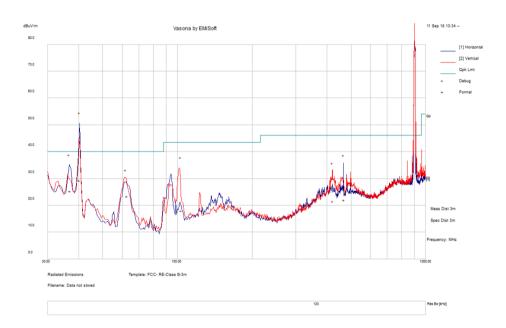




Test report No.	FCC IC_SL18083004-TRB-052 Rev_1.0
Page	15 of 21

Radiated Emission Test Results (Below 1GHz)

Test specification	below 1GHz			
·	Temp (°C):	21		
Environmental Conditions:	Humidity (%) 32			
	Atmospheric (mbar):			
Mains Power:	120VAC, 60Hz	Result	Pass	
Tested by:	Rachana Khanduri			
Test Date:	09/11/2018			
Remarks:	UHF radio, middle channel			



Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
40.34	38.36	11.31	-20.56	29.11	Quasi Max	Η	206	210	40	-10.89	Pass
36.51	30.7	11.23	-17.79	24.14	Quasi Max	Н	169	87	40	-15.86	Pass
62.63	39.81	11.53	-27.31	24.03	Quasi Max	Н	105	262	40	-15.97	Pass
423.15	25.23	14.17	-18.17	21.23	Quasi Max	V	202	117	46	-24.77	Pass
475.53	26.28	14.21	-18.6	21.89	Quasi Max	Н	152	74	46	-24.11	Pass
103.30	31.7	12.32	-25.43	18.59	Quasi Max	V	144	216	43.5	-24.91	Pass

Note: Both horizontal and vertical polarities were investigated. The results above show only the worst case.

775 Montague Expressway, Milpitas, CA 95035, USA • Phone: (+1) 408 526 1188 • Facsimile (+1) 408 526 1088



Test report No.	FCC IC_SL18083004-TRB-052 Rev_1.0
Page	16 of 21

10.3 Radiated Spurious Emissions between 1GHz – 25GHz

Requirement(s):

Spec	Item	Requirement	Applicable
47CFR§15.247(d), RSS247(A8.5)	a)	For non-restricted band, In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB or 30dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, determined by the measurement method on output power to be used. Attenuation below the general limits specified in § 15.209(a) is not required	
1		□ 20 dB down ⊠ 30 dB down	
	b)	or restricted band, emission must also comply with the radiated emission limits specified in 15.209	\boxtimes
Test Setup		Semi Anechoic Chamber adio Absorbing Material The semi Anechoic Chamber Antenna Ground Plane	Spectrum Analyzer
Procedure	1. 2. 3. 4.	The EUT was switched on and allowed to warm up to its normal operating condition. The test was carried out at the selected frequency points obtained from the EUT chara Maximization of the emissions, was carried out by rotating the EUT, changing the ante and adjusting the antenna height in the following manner: a. Vertical or horizontal polarisation (whichever gave the higher emission level rotation of the EUT) was chosen. b. The EUT was then rotated to the direction that gave the maximum emission c. Finally, the antenna height was adjusted to the height that gave the maximum. An average measurement was then made for that frequency point. Steps 2 and 3 were repeated for the next frequency point, until all selected frequency measured.	enna polarization, over a full I. Im emission.
Remark		was scanned up to 40GHz. Both horizontal and vertical polarities were investigated. ly the worst case. There isn't outstanding emission found at the edge of restricted free	
Result	⊠ Pass	☐ Fail	

Test Data ⊠ Yes (See below) □ N/A

Test Plot ☐ Yes (See below) ☐ N/A

Test was done by Rachana Khanduri at 10m chamber.



Test report No.	FCC IC_SL18083004-TRB-052 Rev_1.0
Page	17 of 21

Radiated Emission Test Results (Above 1GHz)

UHF radio low channel:

Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
1804.98	71.04	2.64	-15.7	57.98	Peak Max	Н	189	331	74	-16.02	Pass
2706.19	58.12	3.17	-14.35	46.93	Peak Max	Н	210	54	74	-27.07	Pass
1915.13	60.48	2.68	-15.09	48.07	Peak Max	Н	114	62	74	-25.93	Pass
17977.60	39.82	7.88	2.55	50.26	Peak Max	V	248	294	74	-23.75	Pass
1787.24	48.2	2.6	-16.23	34.57	Peak Max	V	204	136	74	-39.43	Pass
5559.98	51.08	4.49	-10.35	45.22	Peak Max	V	113	34	74	-28.78	Pass
1804.98	53.08	2.64	-15.7	40.03	Average Max	Н	189	331	54	-13.97	Pass
2706.19	41.77	3.17	-14.35	30.58	Average Max	Н	210	54	54	-23.42	Pass
1915.13	38.3	2.68	-15.09	25.9	Average Max	Н	114	62	54	-28.11	Pass
17977.60	27.87	7.88	2.55	38.3	Average Max	٧	248	294	54	-15.7	Pass
1787.24	33.99	2.6	-16.23	20.36	Average Max	V	204	136	54	-33.64	Pass
5559.98	45.74	4.49	-10.35	39.89	Average Max	V	113	34	54	-14.11	Pass

UHF radio middle channel:

Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
1830.36	81.43	2.63	-15.84	68.22	Peak Max	٧	196	301	74	-5.78	Pass
2744.39	60.64	3.15	-14.2	49.58	Peak Max	٧	129	293	74	-24.42	Pass
1894.44	61.16	2.67	-15.13	48.7	Peak Max	V	217	109	74	-25.3	Pass
1764.83	66.55	2.59	-16.62	52.52	Peak Max	V	176	245	74	-21.48	Pass
3657.78	50.34	3.57	-13.36	40.55	Peak Max	٧	265	77	74	-33.45	Pass
16967.58	40.3	8.13	1.5	49.93	Peak Max	V	148	88	74	-24.07	Pass
1830.36	63.31	2.63	-15.84	50.11	Average Max	V	196	301	54	-3.89	Pass
2744.39	42.62	3.15	-14.2	31.57	Average Max	٧	129	293	54	-22.43	Pass
1894.44	40.58	2.67	-15.13	28.12	Average Max	٧	217	109	54	-25.88	Pass
1764.83	39.88	2.59	-16.62	25.85	Average Max	V	176	245	54	-28.16	Pass
3657.78	36.33	3.57	-13.36	26.55	Average Max	٧	265	77	54	-27.45	Pass
16967.58	28.03	8.13	1.5	37.66	Average Max	٧	148	88	54	-16.34	Pass

775 Montague Expressway, Milpitas, CA 95035, USA • Phone: (+1) 408 526 1188 • Facsimile (+1) 408 526 1088





Test report No.	FCC IC_SL18083004-TRB-052 Rev_1.0
Page	18 of 21

UHF radio high channel:

Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
1851.94	74.96	2.64	-15.7	61.9	Peak Max	V	129	285	74	-12.1	Pass
2783.08	60.67	3.17	-14.35	49.48	Peak Max	٧	179	293	74	-24.52	Pass
1787.67	54.35	2.6	-16.22	40.73	Peak Max	٧	146	135	74	-33.27	Pass
1915.30	69.52	2.68	-15.09	57.12	Peak Max	٧	139	243	74	-16.89	Pass
1052.36	65.81	1.93	-20.33	47.41	Peak Max	V	171	227	74	-26.59	Pass
4635.14	57.27	4.14	-11.11	50.3	Peak Max	٧	118	256	74	-23.7	Pass
1851.94	56.18	2.64	-15.7	43.13	Average Max	٧	129	285	54	-10.88	Pass
2783.08	43.72	3.17	-14.35	32.54	Average Max	٧	179	293	54	-21.47	Pass
1787.67	34.25	2.6	-16.22	20.64	Average Max	V	146	135	54	-33.36	Pass
1915.30	39.08	2.68	-15.09	26.67	Average Max	٧	139	243	54	-27.33	Pass
1052.36	38.75	1.93	-20.33	20.36	Average Max	٧	171	227	54	-33.64	Pass
4635.14	39.04	4.14	-11.11	32.07	Average Max	٧	118	256	54	-21.93	Pass





Test report No.	FCC IC_SL18083004-TRB-052 Rev_1.0
Page	19 of 21

Annex A. TEST INSTRUMENT

Instrument	Model	Serial #	Cal Date	Cal Cycle	Cal Due	In use
Radiated Emissions						
Agilent Spectrum Analyzer	N9010A	10SL0219	11/20/2017	1 Year	11/20/2018	<
Pre-Amplifier (1-40GHz)	SAS-474	579	05/04/2018	1 Year	05/04/2019	<u><</u>
Preamplifier (100KHz-7GHz)	LPA-6-30	11170602	02/09/2018	1 Year	02/09/2019	~
Bi-Log antenna (30MHz~2GHz)	JB1	A030702	01/13/2018	1 Year	01/13/2019	~
Horn Antenna (1-26.5GHz)	3115	100059	08/11/2018	1 Year	08/11/2019	~





Test report No.	FCC IC_SL18083004-TRB-052 Rev_1.0
Page	20 of 21

Annex B. SIEMIC Accreditation

Accreditations	Document	Scope / Remark
ISO 17025 (A2LA)	7	Please see the documents for the detailed scope
ISO Guide 65 (A2LA)		Please see the documents for the detailed scope
TCB Designation		A1, A2, A3, A4, B1, B2, B3, B4, C
FCC DoC Accreditation	1	FCC Declaration of Conformity Accreditation
FCC Site Registration	7	3 meter site
FCC Site Registration	7	10 meter site
IC Site Registration		3 meter site
IC Site Registration		10 meter site
	5	Radio Equipment: EN45011: EN ISO/IEC 17065
EU NB	7	Electromagnetic Compatibility: EN45011 – EN ISO/IEC 17065
Singapore iDA CB(Certification Body)	12	Phase I, Phase II
Vietnam MIC CAB Accreditation		Please see the document for the detailed scope
	1	(Phase II) OFCA Foreign Certification Body for Radio and Telecom
Hong Kong OFCA	7	(Phase I) Conformity Assessment Body for Radio and Telecom
	₽	Radio: Scope A – All Radio Standard Specification in Category I
Industry Canada CAB		Telecom: CS-03 Part I, II, V, VI, VII, VIII

775 Montague Expressway, Milpitas, CA 95035, USA • Phone: (+1) 408 526 1188 • Facsimile (+1) 408 526 1088

Visit us at: www.siemic.com: Follow us at:









Test report No. FCC IC_SL18083004-TRB-052 Rev_1.0 Page 21 of 21

Japan Recognized Certification Body Designation		Radio: A1. Terminal equipment for purpose of calling Telecom: B1. Specified radio equipment specified in Article 38-2, Paragraph 1, Item 1 of the Radio Law
		EMI: KCC Notice 2008-39, RRL Notice 2008-3: CA Procedures for EMI KN22: Test Method for EMI EMS: KCC Notice 2008-38, RRL Notice 2008-4: CA Procedures for EMS KN24, KN61000-4-2, -4-3, -4-4, -4-5, -4-6, -4-8, -4-11: Test Method for EMS
Korea CAB Accreditation	TA I	Radio: RRL Notice 2008-26, RRL Notice 2008-2, RRL Notice 2008-10, RRL Notice 2007-49, RRL Notice 2007-20, RRL Notice 2007-21, RRL Notice 2007-80, RRL Notice 2004-68
		Telecom: President Notice 20664, RRL Notice 2007-30, RRL Notice 2008-7 with attachments 1, 3, 5, 6; President Notice 20664, RRL Notice 2008-7 with attachment 4
Taiwan NCC CAB Recognition	Ē	LP0002, PSTN01, ADSL01, ID0002, IS6100, CNS14336, PLMN07, PLMN01, PLMN08
Taiwan BSMI CAB Recognition	7	CNS 13438
Japan VCCI	₺	R-3083: Radiation 3 meter site C-3421: Main Ports Conducted Interference Measurement T-1597: Telecommunication Ports Conducted Interference Measuremet
		EMC: AS/NZS CISPR 11, AS/NZS CISPR 14.1, AS/NZS CISPR22, AS/NZS 61000.6.3, AS/NZS 61000.6.4
Australia CAB Recognition	12	Radiocommunications: AS/NZS 4281, AS/NZS 4268, AS/NZS 4280.1, AS/NZS 4280.2, AS/NZS 4295, AS/NZS 4582, AS/NZS 4583, AS/NZS 4769.1, AS/NZS 4769.2, AS/NZS 4770, AS/NZS 4771
		Telecommunications: AS/ACIF S002:05, AS/ACIF S003:06, AS/ACIF S004:06 AS/ACIF S006:01, AS/ACIF S016:01, AS/ACIF S031:01, AS/ACIF S038:01, AS/ACIF S040:01, AS/ACIF S041:05, AS/ACIF S043.2:06, AS/ACIF S60950.1
Australia NATA Recognition	7	AS/ACIF S002, AS/ACIF S003, AS/ACIF S004, AS/ACIF S006, AS/ACIF S016, AS/ACIF S031, AS/ACIF S038, AS/ACIF S040, AS/ACIF S041, AS/ACIF S043.2

775 Montague Expressway, Milpitas, CA 95035, USA • Phone: (+1) 408 526 1188 • Facsimile (+1) 408 526 1088





