

Underwriters Laboratories Inc. 12 Laboratory Dr. Research Triangle Park, NC 27709

www.ul.com/emc (919) 549-1400

Lab Number: 10LB048

Project Number: 10RT02887

File Number: MC15465

Date: July 22, 2010

Models: Tag Model T11-122

(FCC ID: URGT11122)

Electromagnetic Compatibility Test Report

For

RadarFind Corp.

Raleigh, NC

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Underwriters Laboratories Inc. 12 Laboratory Dr. Research Triangle Park, NC 27709 A not-for-profit organization dedicated to public safety and committed to quality service for over 100 years Project Number: 10RT02887 File Number: MC15465 Page 2 of 24

Model Number: Tag Model T11-122

Client Name: RadarFind Corp. FCC ID: URGT11122

Test Report Details

Tests Performed By: Underwriters Laboratories Inc.

12 Laboratory Dr.

Research Triangle Park, NC 27709

Tests Performed For: RadarFind Corporation

A TeleTracking Technologies Company 2100 Gateway Centre Blvd., Suite 150

Morrisville, NC 27560

Applicant Contact: Mr. Steve Snell

Title: Director, Hardware Engineering

Phone: (919) 228-2170

E-mail: ssnell@radarfind.com

Test Report Date: July 15, 2010

Product Type: Low-Powered Transmitter

Product standards FCC Part 15, Subpart C, 15.249

Model Number: Tag Model T11-122

Sample Serial Number: Unserialized production samples

EUT Category: Frequency Hopping Spread Spectrum Transmitter

Testing Start Date: July 6, 2010

Date Testing Complete: July 12, 2010

Overall Results: Compliant

Underwriters Laboratories Inc. reports apply only to the specific samples tested under stated test conditions. All samples tested were in good operating condition throughout the entire test program. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. Underwriters Laboratories Inc. shall have no liability for any deductions, inferences or generalizations drawn by the client or others from Underwriters Laboratories Inc. issued reports. This report shall not be used to claim, constitute or imply product certification, approval, or endorsement by NVLAP, NIST, A2LA, or any agency of the US government.

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Project Number: 10RT02887 File Number: MC15465 Page 3 of 24

Model Number: Tag Model T11-122 Client Name: RadarFind Corp.

FCC ID: URGT11122

Report Directory

1.0 GENERAL-Product Description	4
1.1 Equipment Description	4
1.2 Equipment Marking Plate	4
1.3 Device Configuration During Test 1.3.1 Equipment Used During Test: 1.3.2 Input/Output Ports: 1.3.3 EUT Internal Operating Frequencies: 1.3.4 Power Interface:	5 5
1.4 Block Diagram:	7
1.5 Description of X and Y Axis Product Orientations	7
1.6 EUT Configurations	7
1.7 EUT Operation Modes	8
2.0 Summary	9
2.1 Deviations from standard test methods	9
2.2 Device Modifications Necessary for Compliance	9
2.3 Reference Standards	9
2.4 Results Summary	9
2.5 Test Scope	9
3.0 Calibration of Equipment Used for Measurement	10
4.0 EMISSIONS TEST RESULTS	10
4.1 Test Conditions and Results – RADIATED POWER / RADIATED SPURIOUS EMISSIONS	
Appendix A	23
Accreditations and Authorizations	23

Project Number: 10RT02887 File Number: MC15465 Page 4 of 24

Model Number: Tag Model T11-122

Client Name: RadarFind Corp. FCC ID: URGT11122

Report Revision History

Revision Date	Description	Revised By	Revision Reviewed By
8-19-2010	Model Number Corrected	J. Marley	M. Nolting

1.0 GENERAL-Product Description

1.1 Equipment Description

This equipment functions as a device tracking system consisting of readers and tags operating in the 902-928 MHz ISM band under FCC Part 15.249.

1.2 Equipment Marking Plate

Documented in Original FCC Submission.

Project Number: 10RT02887 MC15465 File Number: Page 5 of 24

Model Number: Tag Model T11-122

Client Name: RadarFind Corp. FCC ID: URGT11122

1.3 **Device Configuration During Test**

Equipment Used During Test: 1.3.1

Use Product Type		Manufacturer	Model	Comments			
EUT	Tag #2	RadarFind Corp.	T11-122	Battery Powered			
Note: EUT - Equipment Under Test, AE - Auxiliary/Associated Equipment, or SIM - Simulator (Not Subjected to Test)							

1.3.2 **Input/Output Ports:**

Port #	Name	Type*	Cable Max. >3m (Y/N)	Cable Shielded (Y/N)	Comments
0	Enclosure	N/E	_	_	None
1	Antenna	N/E	_	_	

Note:

= AC Power Port DC = DC Power Port N
= Signal Input or Output Port (Not Involved in Process Control)
= Telecommunication Ports N/E = Non-Electrical

AC I/O TP

Project Number: 10RT02887 File Number: MC15465 Page 6 of 24

Model Number: Tag Model T11-122

Client Name: RadarFind Corp. FCC ID: URGT11122

1.3.3 EUT Internal Operating Frequencies:

Frequency (MHz)	Description
902-928	Operating Frequency Band.

1.3.4 Power Interface:

Mode # /Rated	Voltage (V)	Current (A)	Power (W)	Frequency (DC/AC-Hz)	Phases (#)	Comments
1	3V	-	-	DC	1	A fresh battery was installed prior to test

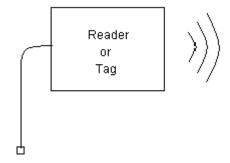
Project Number: 10RT02887 File Number: MC15465 Page 7 of 24

Model Number: Tag Model T11-122

Client Name: RadarFind Corp. FCC ID: URGT11122

1.4 Block Diagram:

The diagram below illustrates the configuration of the equipment above.



1.5 Description of X and Y Axis Product Orientations



X-Orientation (upright) Y-Orientation (on side)

EUT is measured with Horizontal and Vertical antenna position in each orientation to cover the typical installations and directions of maximum antenna gain. From the original testing the upright orientation was worst case for the reader.

1.6 EUT Configurations

Mode #	Description
2	Equipment Under Test (Tag #2, Model T11-122).

Project Number: 10RT02887 File Number: MC15465 Page 8 of 24

Model Number: Tag Model T11-122

Client Name: RadarFind Corp. FCC ID: URGT11122

1.7 EUT Operation Modes

Mode #		Description				
1		Readers are set to continuously operate at maximum power level moving between the following six operating frequencies/modes for the purposes of test.				
TX Antenn	ıa	Frequency	Baud Rate	Deviation	Length	
Vertical		909 MHz	200,000 bit/s	± 297 kHz	400 ms TX	
Horizontal		909 MHz	200,000 bit/s	± 297 kHz	400 ms TX	
Vertical		905 MHz	200,000 bit/s	± 297 kHz	0.3 ms TX, 3 ms idle (10% duty cycle)	
Horizontal		905 MHz	200,000 bit/s	± 297 kHz	0.3 ms TX, 3 ms idle (10% duty cycle)	
Vertical		918 MHz	200,000 bit/s	± 297 kHz	400 ms TX	
Horizontal		918 MHz	200,000 bit/s	± 297 kHz	400 ms TX	

Mode #	Description
2	Tags are set to continuously operate at maximum power level moving between the following six operating frequencies/modes for the purposes of test. • 905 MHz • 909 MHz • 912 MHz • 915 MHz • 918 MHz • 927 MHz.

Project Number: 10RT02887 File Number: MC15465 Page 9 of 24

Model Number: Tag Model T11-122

Client Name: RadarFind Corp. FCC ID: URGT11122

2.0 Summary

The tests listed in the Summary of Testing section of this report have been performed and the results recorded by Underwriters Laboratories Inc. in accordance with the procedures stated in each test requirement and specification. The applicant determined the list of tests performed were applicable to the Equipment Under Test. As a result, the subject product has been verified to comply or not comply as noted in the Summary of Testing with each test specification. The test results relate only to the items tested.

2.1 Deviations from standard test methods

None

2.2 Device Modifications Necessary for Compliance

None

2.3 Reference Standards

Standard Number	Standard Name	Standard Date
FCC Part 15, Subpart C, 15.249	Code of Federal Regulations, Part 15, Radio Frequency Devices	2009

2.4 Results Summary

Requirement – Test	Result (Compliant / Non- Compliant)*
Radiated Power / Radiated Spurious Emissions	Compliant

2.5 Test Scope

These tests are performed in support of a Class III Permissive Change. Other test items from previous certification are considered to remain valid.

Test Engineer:

Jim Marley (919-549-1408)

Staff EMC Engineer International EMC Services

Conformity Assessment Services

james.r.marley@us.ul.com

Reviewer:

Mark Nolting (Ext.919-549-1584)

Staff EMC Engineer

International EMC Services

Conformity Assessment Services mark.nolting@us.ul.com

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Project Number: 10RT02887 File Number: MC15465 Page 10 of 24

Model Number: Tag Model T11-122

Client Name: RadarFind Corp. FCC ID: URGT11122

3.0 Calibration of Equipment Used for Measurement

All test equipment and test accessories are calibrated on a regular basis. The maximum time between calibrations is one year or the manufacturers' recommendation, whichever is less.

All test equipment calibrations are traceable to the National Institute of Standards and Technology (NIST); therefore, all test data recorded in this report is traceable to NIST.

4.0 EMISSIONS TEST RESULTS

The emissions tests were performed according to following regulations:					
Unit	ed States				
Code of Federal Regulations Title 47	Part 15, Subpart C, Radio Frequency Devices				

Unless specified otherwise in the individual Methods, the tests shall be conducted under the following ambient conditions. Confirmation of these conditions shall be verified at the time the test is conducted.

Ambient	225 + 25	Relative	45 ± 15	Barometric	950 ± 150
Temperature, °C	22.5 ± 2.5	Humidity, %	40 ± 10	Pressure, mBar	950 ± 150

Sample Calculations

Radiated Field Strength and Conducted Emissions data contained within this report are calculated as follows:

Radiated Field Strength

Field Strength (dBuV/m) = Meter Reading (dBuV) + Antenna Factor (dB/m) - Amp Gain (dB) + Cable Loss (dB)

Conducted Emissions

Conducted Voltage (dBuV) = Meter Reading (dBuV) + Cable/Attenuator Loss (dB) + LISN Voltage Correction Factor (dB)

Project Number: 10RT02887 File Number: MC15465 Page 11 of 24

Model Number: Tag Model T11-122

Client Name: RadarFind Corp. FCC ID: URGT11122

4.1 Test Conditions and Results – RADIATED POWER / RADIATED SPURIOUS EMISSIONS

Test Description	Measurements were made in a 10-meter semi-anechoic chamber that complies to CISPR 16/ANSI C63.4. Preliminary (peak) measurements were performed at an antenna to EUT separation distance of 3-meter. The EUT was rotated 360° about its azimuth with the receive antenna located at various heights in both horizontal and vertical polarities. Final measurements (quasi-peak or average as noted) were then performed by rotating the EUT 360° and adjusting the receive antenna height from 1 to 4-meters. All frequencies were investigated in both horizontal and vertical antenna polarity, where applicable, and with EUT oriented in each of three orthogonal axes as noted.					
Basic Standa	ard	FCC Part 15, Subpart C, 15.249				
		(Restricted Bands, FCC Part 15.209 General Limits Apply)				
UL LPG		80-EM-S0029				
		Frequency range	Measurement Point			
Fully configured sample scanned over the following frequency range		30 MHz – 9.30 GHz	(3 meter measurement distance)			

Limits – FCC Part 15.249(a) (EIRP Limit, not Point-to-Point operation)

- 441	Limit (dBµV/m)					
Frequency (MHz)	Fundamental	Harmonics				
	Peak or Quasi-Peak	Peak	Average			
902 – 928	94.0	74.0	54.0			

Limits - FCC Part 15.249(c) Spurious Other than Harmonics

Frequency (MHz)	Limit (dBµV/m)
30 – 10 th harmonic	50 dB below fundamental (or 15.209 limit, whichever is higher)

Limits - FCC Part 15.209 (General Limits)

	Limit (dBμV/m)					
Frequency (MHz)	Quasi-Peak	Average				
30 - 88	40.0	NA				
88 - 216	43.5	NA				
216 - 960	46.0	NA				
960 - 1000	54.0	NA				
1000 - EUT 10 th harmonic	NA	54.0 (peak limit 74.0)				
Supplementary information: None						

Project Number: 10RT02887 File Number: MC15465 Page 12 of 24

Model Number: Tag Model T11-122

Client Name: RadarFind Corp. FCC ID: URGT11122

Table 1 Radiated Emissions EUT Configuration Settings

Power Interface Mode #	EUT Configurations Mode #	EUT Operation Mode #
1	(B) 1 (Tag #T11-122)	2
Supplementary information: None		

Table 2 Radiated Emissions Test Equipment

Equip. ID	Description	Manufacturer	Model Number	Last Cal.	Next Cal.
	30-1000 MHz Range				
AT0021	Biconical Antenna, 30 to 200 MHz	Schaffner, EMC	VBA6106A	12/23/09	12/31/10
AT0022	Log-periodic Antenna, 200 MHz to 1000 MHz	Chase	UPA6109	12/22/09	12/31/10
	1-10 GHz				
AT0032	Horn Antenna 1 to 10 GHz	EMC Test Syst.	3115	9/25/09	9/30/10
	Gain-Loss Chains				
SAC_C (Biconical 3m location)	 (1) ATA084: Attenuator (2) ATA124: Amplifier (3) ATA167: Cable (4) ATA132: Cable (5) ATA229: DC Bias Tee (6) ATA199: Cable 	 (1) Pasternack (2) Miteq (3) Eupen (4) UL (5) Miteq (6) Micro-Coax 	 (1) PE7002-6 (2) AM-3A-000110-N (3) CMS/RG 214 (4) UFA210A-0-6000-50U-50U (5) BT2000-C (6) UFB293C-0-0720-5GU50U) 	06/03/10	08/31/10
SAC_D (Log-Periodic 3m location)	 (1) ATA085: Attenuator (2) ATA125: Amplifier (3) ATA225: Cable (4) ATA189: Cable (5) ATA115: DC Bias Tee (6) ATA198: Cable 	(1) Pasternack (2) Miteq (3) EUPEN (4) EUPE (5) Miteq (6) Micro-Coax	(1) PE7002-6 (2) AM-3A-000110-N (3) CMS/RG 214 (4) CMS/RG 214 (5) AM-1523-7687 (6) UFB293C-0-0720- 5GU50U	02/17/10	08/31/10
SAC_E_HORN (Horn 3m location)	(1) ATA144: Amplifier (2) ATA207: Cable (3) ATA096: Cable (4) ATA199: Cable	(1) Miteq (2) Micro-Coax (3) Micro-Coax (4) Micro-Coax	 (1) AFS42-00101800-25-N-42MF (2) UFB293C-1-3360-50U50U (3) UTiFLEX (4) UFB293C-0-0720-5GU50U 	08/24/09	08/31/10
	Receiver & Software				
SA0123	Spectrum Analyzer / Receiver	HP	8566B	05/27/10	05/31/11
AMP005	Pre-amplifier	HP	8449B Opt H02 (calibrated with ATA091 6dB atten)	05/27/10	05/31/11
SAR003	Spectrum Analyzer / Receiver	Rohde & Schwarz	1088.7490K40	1/18/10	1/31/11
SOFTEMI	EMI Software	UL	Version 9.5	NA	NA

Project Number: 10RT02887 File Number: MC15465 Page 13 of 24

Model Number: Tag Model T11-122

Client Name: RadarFind Corp. FCC ID: URGT11122

Equip. ID	Description	Description Manufacturer		Last Cal.	Next Cal.
	Additional Equipment used				
HI0034	Environmental meter (T/H/P)	Control Company	99760-00	10/19/09	10/31/10
MG1180	Tape Measure	Lufkin	HI-VIZ	8/8/08	8/31/11

Project Number: 10RT02887 File Number: MC15465 Page 14 of 24

Model Number: Tag Model T11-122

Client Name: RadarFind Corp. FCC ID: URGT11122

4.1.1 Radiated Spurious Emissions - Tag #2 (Model T11-122)

Figure 1 Test setup photo for Radiated Emissions (Tag #2, X, Y Orientations)



Project Number: 10RT02887 File Number: MC15465 Page 15 of 24

Model Number: Tag Model T11-122

Client Name: RadarFind Corp. FCC ID: URGT11122

Figure 2 Radiated Emissions Graph 902-930 MHz (Tag #2, X-Orientation)



Project Number: 10RT02887 File Number: MC15465 Page 16 of 24

Model Number: Tag Model T11-122

Client Name: RadarFind Corp. FCC ID: URGT11122

Table 3 Radiated Emissions Data Points (Tag #2, X-Orientation)

RDE 4_1B 900- 930 MHz V/H 10LB048 RED=VERTICAL BLUE=HORIZONTAL EUT FLAT (TAG T11-122) TESTED BY: R.RAMEY

Test Freq.	Meter Reading	Det.	Cbl/Amp Factor	Ant. Factor	Field Strength		Margin	Azim	Height	Pol.
[MHz]	[dBuV]	Type	[dB]	[dB]	_	[dBuV/m]	[dB]	[deg]	[cm]	[V/H]
Vertical	900 - 93	0MHz								
905.1578	25.04	qр	12	23.1	60.14	94	-33.86	255	109	Vert
905.1578	32.14	рk	12	23.1	67.24	94	-26.76	255	109	Vert
908.737	31.79	pk	12	23	66.79	94	-27.21	255	109	Vert
908.737	27.11	qp	12	23	62.11	94	-31.89	255	109	Vert
912.263	26.39	qp	12	23	61.39	94	-32.61	255	109	Vert
912.263	31.30	рk	12	23	66.3	94	-27.7	255	109	Vert
914.6869	31.07	рk	12	22.9	65.97	94	-28.03	255	109	Vert
914.6869	25.73	qp	12	22.9	60.63	94	-33.37	255	109	Vert
917.7019	25.78	qp	12	22.8	60.58	94	-33.42	255	109	Vert
917.7019	30.84	рk	12	22.8	65.64	94	-28.36	255	109	Vert
926.6112	29.99	рk	12.1	23	65.09	94	-28.91	255	109	Vert
926.6112	24.87	dЪ	12.1	23	59.97	94	-34.03	255	109	Vert
Horizonta	1 900 -	930MHz	:							
905.2129	27.68	qp	12	23.1	62.78	94	-31.22	255	100	Horz
905.2129	32.37	pk	12	23.1	67.47	94	-26.53	255	100	Horz
909.2931	31.83	pk	12	23	66.83	94	-27.17	255	100	Horz
909.2931	26.39	qp	12	23	61.39	94	-32.61	255	100	Horz
911.6969	26.30	qp	12	23	61.3	94	-32.7	255	100	Horz
911.6969	31.37	pk	12	23	66.37	94	-27.63	255	100	Horz
914.7069	30.96	pk	12	22.9	65.86	94	-28.14	255	100	Horz
914.7069	26.04	qp	12	22.9	60.94	94	-33.06	255	100	Horz
917.7169	25.80	qp	12	22.8	60.6	94	-33.4	255	100	Horz
917.7169	30.96	рk	12	22.8	65.76	94	-28.24	255	100	Horz
926.6276	29.96	pk	12.1	23	65.06	94	-28.94	255	100	Horz
926.6276	24.74	qp	12.1	23	59.84	94	-34.16	255	100	Horz

pk - Peak detector

qp - Quasi-Peak detector

Project Number: 10RT02887 File Number: MC15465 Page 17 of 24

Model Number: Tag Model T11-122

Client Name: RadarFind Corp. FCC ID: URGT11122

Figure 3 Radiated Emissions Graph 30-1000 MHz (Tag #2, X-Orientation)

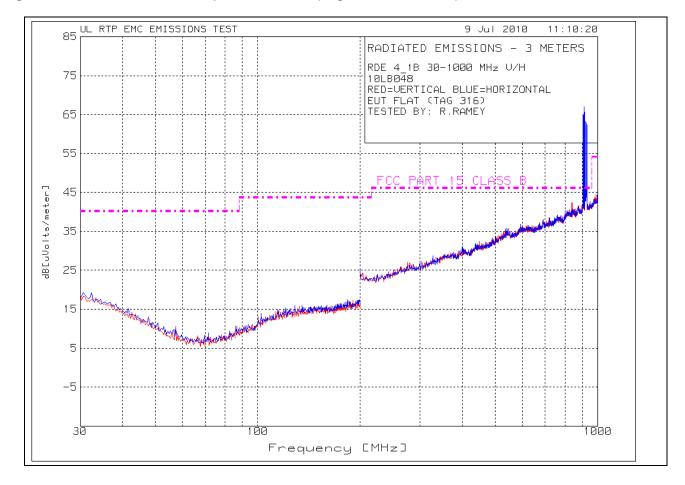


Table 4 Radiated Emissions Data Points (Tag #2, X-Orientation)

RDE 4_1B 30-1000 MHz V/H 10LB048 RED=VERTICAL BLUE=HORIZONTAL EUT FLAT (TAG T11-122) TESTED BY: R.RAMEY

	r Test r Freq. [MHz]	Meter Reading [dBuV]	Det. Type	Cbl/Amp Factor [dB]	Ant. Factor [dB]	Field Strength [dBuV/m]		Margin [dB]	Height	Pol. [V/H]
Verti 3 4	cal 30 - 200 57.2545 100.1804	MHz 29.71 28.89	pk pk	-26.6 -26.6	7.5 10.8	10.61	40 43.5	-29.39 -30.41	102 102	Vert Vert
Horiz	ontal 30 - 2	00MHz								
1	32.3848	28.91	pk	-26.8	17.1	19.21	40	-20.79	400	Horz
2	47.7154	28.67	pk	-26.7	11.1	13.07	40	-26.93	400	Horz
5	128.4569	28.27	pk	-26.3	14	15.97	43.5	-27.53	250	Horz
6	183.6473	27.78	pk	-26	15.6	17.38	43.5	-26.12	102	Horz

pk - Peak detector

Project Number: 10RT02887 File Number: MC15465 Page 18 of 24

Model Number: Tag Model T11-122

Client Name: RadarFind Corp. FCC ID: URGT11122

Figure 4 Radiated Emissions Graph 1-10 GHz (Tag #2, X-Orientation)

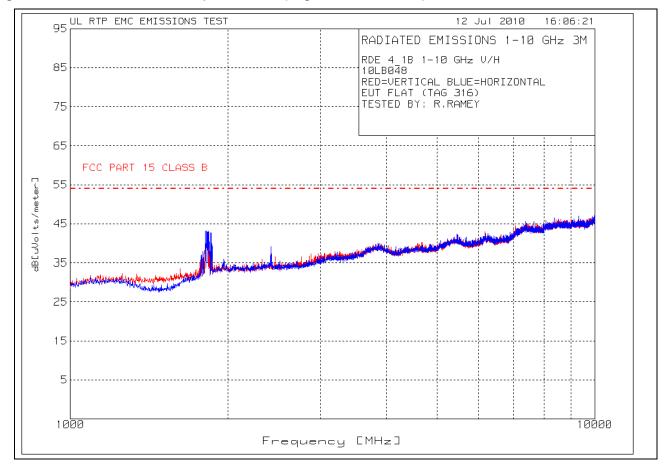


Table 5 Radiated Emissions Data Points (Tag #2, X-Orientation)

RDE 4_1B 1-10 GHz V/H

10LB048

RED=VERTICAL BLUE=HORIZONTAL

EUT FLAT (TAG T11-122) TESTED BY: R.RAMEY

Marker Test Meter Det. Cbl/Amp Ant. Field 15.209 Margin Heinburg Freq. Reading Type Factor Factor Strength Limit [MHz] [dBuV] [dB] [dB] [dB] [dBuV/m][dBuV/m] [dB] [cr	lght Pol.
Horizontal 1000 - 3000MHz	
1 1810.811 50.9 pk -34.7 26.9 43.1 54 -10.9 150	Horz
2 1818.819 50.57 pk -34.7 26.9 42.77 54 -11.23 150	Horz
3 1824.825 50.51 pk -34.7 27 42.81 54 -11.19 150	Horz
4 1830.831 50.6 pk -34.7 27 42.9 54 -11.1 150	Horz
5 1836.837 50.36 pk -34.7 27 42.66 54 -11.34 150	Horz
6 1854.855 50.23 pk -34.6 27.1 42.73 54 -11.27 150	Horz

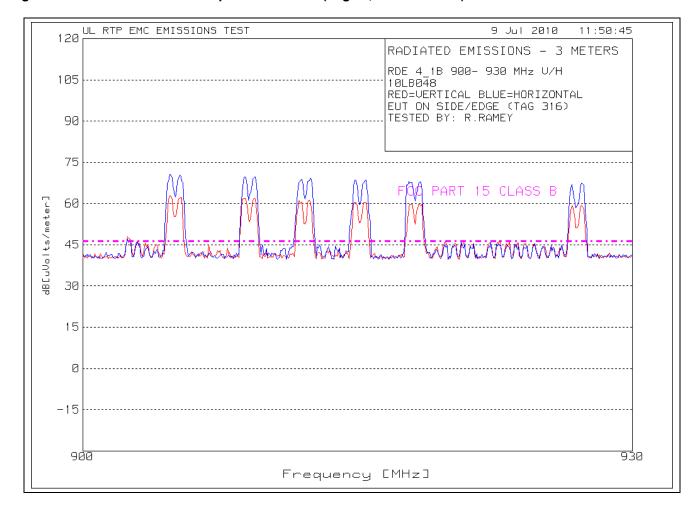
pk - Peak detector

Project Number: 10RT02887 File Number: MC15465 Page 19 of 24

Model Number: Tag Model T11-122

Client Name: RadarFind Corp. FCC ID: URGT11122

Figure 5 Radiated Emissions Graph 902-930 MHz (Tag #2, Y-Orientation)



Project Number: 10RT02887 File Number: MC15465 Page 20 of 24

Model Number: Tag Model T11-122

Client Name: RadarFind Corp. FCC ID: URGT11122

Table 6 Radiated Emissions Data Points (Tag #2, Y-Orientation)

RDE 4_1B 900- 930 MHz V/H 10LB048 RED=VERTICAL BLUE=HORIZONTAL EUT ON SIDE/EDGE (TAG T11-122)

TESTED BY: R.RAMEY

	er Test er Freq.	Meter Reading	Det. g Type	Cbl/Amp Factor	Ant. Factor	Field Strength		Margin	Height	Pol.
	[MHz]	[dBuV] 		[dB] 	[dB]	[dBuV/m]	[aBuv/m] [aB]	[cm]	[V/H]
1	904.6894	27.66	pk	12	23.1	62.76	94	-31.24	101	Vert
2	908.7174	26.90	pk	12	23	61.9	94	-32.1	101	Vert
3	911.7234	26.07	pk	12	23	61.07	94	-32.93	199	Vert
4	914.7896	25.44	pk	12	22.9	60.34	94	-33.66	199	Vert
5	917.8557	25.16	pk	12	22.8	59.96	94	-34.04	199	Vert
6	926.6333	24.02	pk	12.1	23	59.12	94	-34.88	101	Vert
Hori	zontal 900 -	930MHz								
7	904.6894	35.42	pk	12	23.1	70.52	94	-23.48	100	Horz
8	908.7776	34.77	pk	12	23	69.77	94	-24.23	100	Horz
9	912.3246	34.11	pk	12	23	69.11	94	-24.89	100	Horz
10	914.7295	33.64	pk	12	22.9	68.54	94	-25.46	100	Horz
11	917.6754	33.20	pk	12	22.8	68	94	-26.0	100	Horz
12	927.1743	32.25	pk	12.1	23	67.35	94	-26.65	100	Horz

pk - Peak detector

Project Number: 10RT02887 File Number: MC15465 Page 21 of 24

Model Number: Tag Model T11-122

Client Name: RadarFind Corp. FCC ID: URGT11122

Figure 6 Radiated Emissions Graph 30-1000 MHz (Tag #2, Y-Orientation)

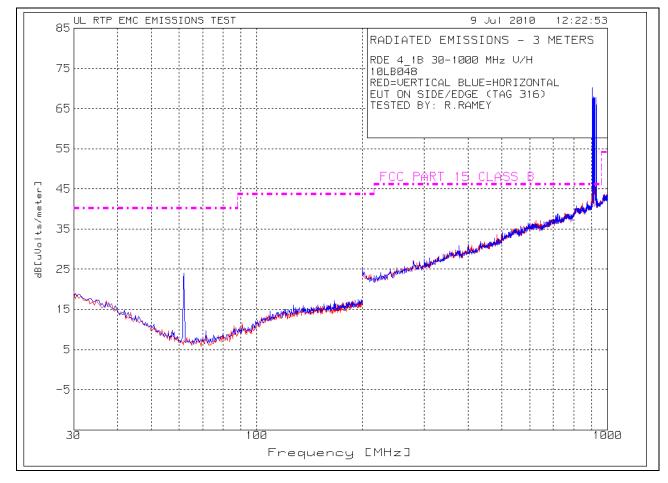


Table 7 Radiated Emissions Data Points (Tag #2, Y-Orientation)

RDE 4_1B 30-1000 MHz V/H 10LB048 RED=VERTICAL BLUE=HORIZONTAL EUT ON SIDE/EDGE (TAG T11-122) TESTED BY: R.RAMEY

Marker Number		Meter Reading		Cbl/Amp Factor [dB]	Ant. Factor [dB]	Field Strength [dBuV/m]		Margin	Height	Pol.		
	[MHZ]		[abuv]		[UB] 		[abuv/III]	[UB]	[CIII]	[V/H]		
Vertical 30 - 200MHz												
1	37.1543	28.3	pk	-26.6	15.4	17.1	40	-22.9	100	Vert		
2	55.8918	28.4	pk	-26.6	7.9	9.7	40	-30.3	100	Vert		
Horizontal 30 - 200MHz												
3	62.024	43.97	pk	-26.5	6.5	23.97	40	-16.03	100	Horz		
4	71.5631	29.88	pk	-26.5	6.3	9.68	40	-30.32	400	Horz		
5	109.0381	28.91	pk	-26.5	12.2	14.61	43.5	-28.89	100	Horz		
6	127.0942	28.44	pk	-26.3	14	16.14	43.5	-27.36	250	Horz		

pk - Peak detector

Project Number: 10RT02887 File Number: MC15465 Page 22 of 24

Model Number: Tag Model T11-122

Client Name: RadarFind Corp. FCC ID: URGT11122

Figure 7 Radiated Emissions Graph 1-10 GHz (Tag #2, Y-Orientation)

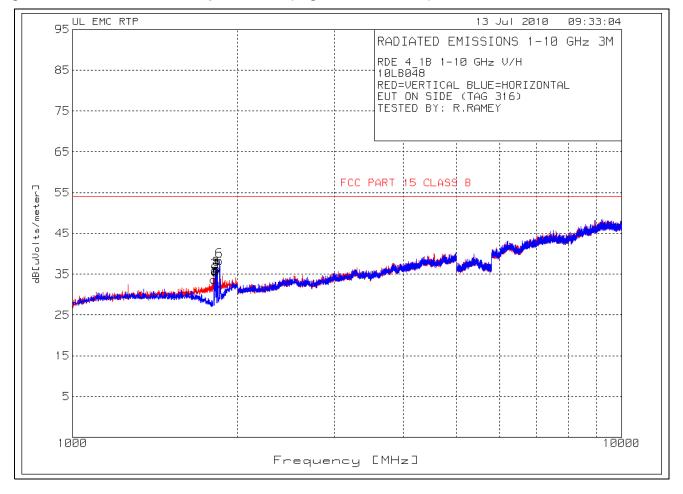


Table 8 Radiated Emissions Data Points (Tag #2, Y-Orientation)

RDE 4_1B 1-10 GHz V/H 10LB048 RED=VERTICAL BLUE=HORIZONTAL

EUT ON SIDE (TAG T11-122)

TESTED BY: R.RAMEY

-	r Test r Freq. [MHz]	Meter Reading	Det. Type [dBuV	Cbl/Amp Factor] [dB]	Ant. Factor [dB]	Field Strength [dBuV/m]	Limit	Margin [dB]	Height [cm]	Pol. [V/H]		
Horizontal 1000 - 2000MHz												
1	1810	69.7	pk	-62.9	26.9	33.7	54	-20.3	150	Н		
2	1817	71.8	pk	-62.9	26.9	35.8	54	-18.2	150	Н		
3	1823	71.4	pk	-62.9	27	35.5	54	-18.5	150	Н		
4	1830	71.8	pk	-62.8	27	36	54	-18.0	150	H		
5	1835	72.1	pk	-62.8	27	36.3	54	-17.7	150	Н		
6	1853	74	pk	-62.8	27.1	38.3	54	-15.7	150	Н		

pk - Peak detector

Project Number: 10RT02887 File Number: MC15465 Page 23 of 24

Model Number: Tag Model T11-122

Client Name: RadarFind Corp. FCC ID: URGT11122

Appendix A

Accreditations and Authorizations



NVLAP Lab code: 200246-0

NVLAP: The National Institute of Standards and Technology (NIST) administers the National Voluntary Laboratory Accreditation Program (NVLAP). NVLAP is comprised of laboratory accreditation programs (LAPs) which are established on the basis of requests and demonstrated need. Each LAP includes specific calibration and/or test standards and related methods and protocols assembled to satisfy the unique needs for accreditation in a field of testing or calibration. NVLAP accredits public and private laboratories based on evaluation of their technical qualifications and competence to carry out specific calibrations or tests. Accreditation criteria are established in accordance with the U.S. Code of Federal Regulations (CFR, Title 15, Part 285), NVLAP Procedures and General Requirements, and encompass the requirements of ISO/IEC 17025. For a full scope listing see http://ts.nist.gov/ts/htdocs/210/214/scopes/2002460.htm



FCC: Details of the measurement facilities used for these tests have been filed with the Federal Communications Commission's Laboratory in Columbia, Maryland (Ref. No. 91039).



Industry Canada Industrie Canada

Industry of Canada: Accredited by Industry Canada for performance of radiated measurements. Our test site complies with RSP 100, Issue 7, Section 3.3. File #: 2180C



VCCI: Accepted as an Associate Member to the VCCI. The measurement facilities detailed in this test report have been registered in accordance with Regulations for Voluntary Control Measures, Article 8. Registration Nos.:

•Test Station 5 (Location A) C-2427, R-722

•Test Station 1 (Location D) C-742, T-235

•Test Station 4 (Location E) C-743, T-236

•Test Station 6 (Location C) C-744, T-237

Job Number: 1001211364 File Number: Page 24 of 24

Model Number: 4 Tags and 1 Reader Client Name: RadarFind Corp.



ICASA: ICASA (Independent Communications Authority of South Africa) has appointed UL as a Designated Test Laboratory to test Telecommunications equipment for type approval in compliance with CISPR 22 to assist in fulfilling its mandate under section 54(1) of the Telecommunications Act, 1996 (Act 103 of 1996).





NIST/CAB: Validated by the European Commission as a U.S. Conformity Assessment Body (CAB) of the U.S.-EU Mutual Recognition Agreement (MRA) for the Electromagnetic Compatibility - Council Directive 2004/108/EC, Annex III (2-3). Also validated for the Telecommunication Equipment-Council Directive 99/5/EC, Annex III and IV, Identification Number: 0983.

NIST/CAB: Provisioned to act as a U.S. Conformity Assessment Body (CAB) under Appendix B, Phase I Procedures, of the Asia Pacific Economic Cooperation (APEC) MRA between the American Institute in Taiwan (AIT) and the United States. Our laboratory is considered qualified to test equipment subject to the applicable EMC regulations of the Chinese Taipei Bureau of Standards, Metrology and Inspection (BSMI) which require testing to CNS 13438 (CISPR 22).

NIST/CAB: Recognized by the Infocomm Development Authority of Singapore (IDA) under the Asia Pacific Economic Cooperation Mutual Recognition Agreement (APEC MRA). Our laboratory is provisionally designated to act as a Conformity Assessment Body (CAB) under Appendix B, Phase I Procedures, of the APEC MRA. Our scope of designation includes IDA TS EMC (CISPR 22), IEC 61000-4-2, -4-3, -4-4, -4-5, and -4-6.