

	Test Report Serial No.:	012625–T1304-N15		Report Issue Date:	1/28/2015	 Test Lab Certificate No. 2470.01
	Measurement Date(s):	Nov 2014-Jan 2015		Report Revision No.:	Revision 1.0	
	FCC Rule Part(s):	47 CFR §15.249		FCC Test Firm Reg. No.:	714830	
	IC Standard(s):	RSS-210	RSS-Gen	IC Test Site No.:	IC 3874A-1	

COMPLIANCE RF MEASUREMENT REPORT - 15.249 / RSS-210

Test Lab Information	Name	CELLTECH LABS INC.		
	Address	21-364 Lougheed Road, Kelowna, British Columbia V1X 7R8 Canada		
Test Lab Registration No.(s)	FCC	714830		
	IC	3874A-1		
Applicant Information	Name	TLink Golf Inc.		
	Address	240 West Chestermere Dr., Chestermere, Alberta, Canada, T1X 1B2		
Standard(s) & Procedure(s)	FCC	47 CFR Part 15.249		
	IC	RSS-210 Issue 8; RSS-Gen Issue 4		
	ANSI	C63.4-2009		
Device Classification(s)	FCC	Low Power Communication Device (DXX)		
	IC	Low-power License-exempt Radiocommunication Device		
Application Type(s)	FCC/IC	TCB/CB Certification		
Device Identifier(s)	FCC ID:	2AD4A-T1		
	IC:	12229A-T1		
Device Model(s) Tested	T1			
Test Sample Serial No.	#1			
Transmit Frequency Band	2400 – 2483.5 MHz			
Transmit Frequency Range	2402-2480 MHz			
Antenna Type(s) Tested	Integral, -9 dBi			
Power Source(s) Tested	Internal DC Cell			
Lab Test Software	TILE, version 3.4.E.2 (2005).			
This wireless device has demonstrated compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in FCC 47 CFR Part 15.249; Industry Canada RSS-210 Issue 8 and RSS-Gen Issue 4; and ANSI C63.4-2009.				
I attest to the accuracy of data. All measurements were performed by me or were made under my supervision and are correct to the best of my knowledge and belief. I assume full responsibility for the completeness of these measurements and vouch for the qualifications of all persons taking them.				
The results and statements contained in this report pertain only to the device(s) evaluated.				
This report shall not be reproduced partially or in full without the prior written approval of Celltech Labs Inc.				
Test Report Approved By		Glen Westwell	Laboratory Manager	Celltech Labs Inc.

Applicant:	TLink	Model:	T1	FCC ID:	2AD4A-T1	IC:	12229A-T1	
DUT :	TLink 2.4GHz Transmitter							
2015 Celltech Labs Inc.	This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.							Page 1 of 24

Normative Reference Standard	FCC CFR 47 §15.249; RSS-210
Procedure Reference	ANSI C63.4:2009

Temperature	25 +/- 5 °C
Humidity	40 +/- 10 %
Barometric Pressure	101 +/- 3 kPa

ASSET NUMBER	MANUFACTURER	MODEL	DESCRIPTION	LAST CAL / NEXT CAL DUE
00241	R&S	FSP40	Spectrum Analyzer	09-Apr-13 / 09-Apr-15
00072	EMCO	2075	Mini-mast	n/a
00073	EMCO	2080	Turn Table	n/a
00071	EMCO	2090	Multi-Device Controller	n/a
00050	Chase	CBL-6111A	Bilog Antenna	25-Apr-14 / 25-Apr-16
00034	ETS	3115	Double Ridged Guide Horn	*06-Dec-12 / 06-Mar-15
00161	Waveline	899	18-26.5 GHz Horn	N/A

- ## SETUP DRAWING, SETUP DRAWING – RADIATED TX SPURIOUS EMISSIONS (> 1 GHz)

Diagram illustrating a typical antenna measurement range setup. The setup includes a Spectrum Analyzer connected to a Pre-Amplifier, which is connected via an RF Cable to a feed horn antenna. The feed horn is positioned at a height of 1~4 m and a distance of 3 m from the EUT. The EUT is placed on a Test table & Turntable, which is 80 cm high. The distance between the feed horn and the EUT is 1 m. The entire setup is on a Ground Plane.




Test Lab Certificate No.
 2470.01

Frequency (MHz)	Antenna Pol.	Emission Level (dBuV/m) @1m	Antenna Factor (dB)	Cable Loss	Distance Correction	D/C Corr.	Emission Level (dBuV/m@3 m)	Limit (dBuV/m@3m)	Margin
4804	V	37.7	32.9	2.3	-9.54	-20	43.36	54	-10.64
4884	V	37.2	32.9	2.3	-9.54	-20	42.86	54	-11.14
4960	V	35.1	32.9	2.3	-9.54	-20	40.76	54	-13.24

Data presented using a Pk detector compared to average limits.
Device characterization was performed on all axis to determine worst case orientation.
The device was tested using a fresh battery charge throughout testing.
Worst case performance has been presented.
The Device was searched to the 10th harmonic of the fundamental (24GHz). No harmonics beyond 4.8GHz were detected.
All detected emissions have been reported.



