FCC Part 15D / IC RSS-213 - APPLICATION FORM & SELF-DECLARATION

Applicant Name	**Lightspeed Technologies Inc.**		
Address	**11509 SW Herman Road, Tualatin, OR 97062 USA**		
Contact person	**Michael A. Frost**		
Telephone No.	**800-732-8999**	Fax No.	**503-684-3197**
Manufacturer Name	**REOR ELECTRONICS CO., LTD**		
Address	**5F., No. 122, Ciaohe Rd., Jhonghe Dist., New Taipei City 23558, Taiwan.**		

	Portable Part	Fix Part		
FCC ID	**ORV-FCGS**			
IC ID	**1732B-FCGS**			
Model Number	**FCP**			
Device Name	**Flexcat Pod**			
HW version	**A3.1.00**			
SW version	**A3.1.00**			
Antenna Type	**F Type**			
Max. Antenna Gain (dBi)	**-2**			
Mains Power Voltage		Adapter Input	AC	V
		Adapter Output	DC	V
		FP Input	DC	V
Battery Voltage	DC **6** V			

Number of channels	5				
Carriers frequency(MHz)	1921.536	1923.264	1924.992	1926.720	1928.448
Nominal Receive Bandwidth	+/- 500 kHz				
Frame period (ms)	10				
Timeslot Plan	**24** timeslots per frame. First **12** timeslots used for PP transmissions and other **12** timeslots used for FP transmissions.				
Burst Length Range (us)	Min	90	Max	390	
Operating Temperature Range (°C)	Min	**10**	Max	**40**	

Whether a system built with the EUT does or does not implement the provisions of 47CFR15.323(c)(5) regarding the process of selecting the least interfered channel (LIC)?	☒Yes ☐No
Maximum amount by which the limiting threshold may exceed thermal noise M_L(ex: 50dB)	**50** dB
According to 47CFR15.323(c)(5), does your model **not** use bandwidth in further cooperation with other devices at any range?	☒Yes ☐No
Does a system built using the EUT that operate under the provisions of 47CFR 15.323(c)(6) incorporating provisions for waiting for a channel to go clear?	☐Yes ☒No
According to 47CFR15.323(c)(8), does EUT use the same antennas for transmission and reception as for monitoring?	☒Yes ☐No
Does a system built with the EUT that operate under the provisions of 47CFR 15.323(c)(10) to test for deferral only in conjunction with a companion device?	☐Yes ☒No
Does a system built using the EUT that operate under the provisions of 47CFR 15.323(c)(11) enabling the access criteria check on the receive channel while in the presence of collocated interferers?	☐Yes ☒No
According to 47CFR15.323(c)(12), does EUT **not** work in a mode with denies fair access to spectrum for other devices.	☒Yes ☐No
Does model have the monitoring made through the radio receiver used for communication?	☒Yes ☐No
Does your model transmit control and signaling channels?	☒Yes ☐No
According to 47CFR15.307, does the applicant have the affidavit from UTAM Inc.?	☒Yes ☐No
According to 47CFR15.319(b), do all transmissions use only digital modulation techniques?	☒Yes ☐No

The provisions within the EUT for self-check, by which compliance with 47CFR15.319(f) is obtained:

A – Connection break down, cease of transmit
B – Connection break down, EUT transmits signaling information
C – Connection break down, compare device transmits signaling information
N – Not possible

Situation	Reaction of EUT FP	Reaction of EUT PP
Switch-off compare device	B	A
Hook-on by compare device	B	N
Switch-off by EUT	A	A
Hook-on at EUT side	N	A
Remove Power from EUT	A	A
Remove Power from compare device	B	A

DECLARED BY:

2014/12/02	**S.C. Tang**	S. C. Tang
Date	Name (print)	Signature & Chop

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