Compliance Worldwide

FCC Part 15D Application Form & Self-Declaration

Manufacturer:	**David Clark Company, Inc.**
Model Number:	**U9110-BSW**
Serial Number:	**Pre-production Units**
Description:	**Wireless Headset for Aviation communications application**
Power Source:	**3.7 Volts via Battery, 2200 mAh LI-ION Rechargeable**
Hardware Revision:	
Modulation Type:	
Operating Frequencies:	**GFSK**
Emission Designator:	**1921.536 -1928.448 MHz**
Antenna Gain:	**0.62 dBi – Internal antenna: PCB Board**

Number of channels:	**5**				
Carriers frequency (MHz)	**1921.536**	**1923.264**	**1924.992**	**1926.720**	**1928.448**
Maximum Peak Power Level (dBm)	**18.80**		**20.13**		**18.82**
Nominal Receive Bandwidth	**+/- 500 kHz**				
Frame period (ms)	**10**				
Timeslot Plan	**24 timeslots per frame. First 12 timeslots used for FP transmissions.**				
Nominal Burst Length (us)	**396.500 µs**				
Operating Temperature Range (°C)	**Min**	**-20**	**Max**	**+50**	

Does a system built with the EUT that implement the provisions of 47CFR 15.323(c)(5) enabling the use of the upper threshold for deferral?	☒ Yes ☐ No
According to 47CFR 15.323(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 47CRF15.323(c)(8), does EUT use the same antennas for transmission and reception as for monitoring?	☒ Yes ☐ No
Does a system built using 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 with 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 47CFR 15.323(c)(12), does EUT **not** work in a mode which denies fair access to spectrum for other devices?	☒ Yes ☐ No
Does your model have the monitoring made through the radio receiver used for communications?	☒ Yes ☐ No
Does your model transmit control and signaling channels?	☒ Yes ☐ No
According to 47CFR 15.319(b), do all transmissions use only digital modulation techniques?	☒ Yes ☐ No

The provisions within the EUT for self-check, by which compliance with 47 CFR 15.319(f) is obtained:

A- Connection break down, cease of transmit
B- Connection break down, EUT transmits signaling information
C- Connection break down, counter part transmits signaling information

	Test case	Reaction of EUT
1	Switch – off counterpart	A
2	Hook-on by counterpart	--
3	Switch- off by EUT	A
4	Hook -on on EUT side	--
5	Remove power from EUT	A
6	Remove power from counterpart	A

DECLARED BY: David Clark Company

24-Feb-17 — Date

DAVID TRUESDELL — Name (print)

Signature