



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 47CFR 15.323(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	1	Switch – off counterpart	A
	B- Connection break down, EUT transmits signaling information	2	Hook-on by counterpart	--
	C- Connection break down, counter part transmits signaling information	3	Switch- off by EUT	A
		4	Hook -on on EUT side	--
		5	Remove power from EUT	A
		6	Remove power from counterpart	A
			Test case	Reaction of EUT

DECLARED BY: David Clark Company

24-Feb-17
Date

DAVID TRUESDELL
Name (print)

Signature