

9/20/2016

Federal Communication Commission  
 Equipment Authorization Division, Application Processing Branch  
 7435 Oakland Mills Road  
 Columbia, MD 21048

RE: Cover Letter

To whom it may concern:

The FCC test report number M160412-4Rev1 for T11 PIV Reader – Multi Tech (Model No.: C305430) also covers the other models of T11 Multi Tech Readers (Model Nos.: C305431, C300430 and C300431) and T12 Multi Tech Readers (Model Nos.: C300440 and C300441). All these model numbers are to be certified under FCC ID: M5VC30044XA.

#	Product Characteristics:	Products are:	
		Same	Different
1	Radio Frequency Operating Range(s)	X	
2	RF Power / Field Strength	X	
3	Radio Frequency Circuitry	X	
4	Antenna Characteristics	X	
5	Associated Digital Circuitry		X
6	Functional Capabilities	X	
7	Cosmetic Differences		X

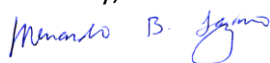
For any differences, a description is provided in the table below.

#	Description of differences:
5	<ul style="list-style-type: none"> <li>- The associated digital circuitry of models C305430 and C305431 have additional cryptography circuit for encrypting the communications before messages are sent to another device. The models C300430 and C300431 don't have this circuit.</li> <li>- The T11 Multi Tech readers (C300430 and C300431) have identical circuit and PCB layout/ PCB tracks with T12 Multi Tech readers (C300440 and C300441). The differences between the two are the shapes of plastic enclosures and physical sizes of PCB. The sizes of non-conductive part of PCB are slightly different. There are no additional circuitries and no additional metal parts.</li> </ul>
7	The models C300430, C305430 and C300440 have black enclosures, while C300431, C305431 and C300441 have white enclosures.

Brief statement as to why the products should qualify for family approval:

The products all share the same hardware.  
 The radio parameters are identical among all family members.

Sincerely,



Menardo Lazaro  
 Senior Compliance Engineer  
 Gallagher Group Ltd