



6/8/2023

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 220904.1b for T12 Multi Tech Reader (Model No.: C300440-) also covers the other models of T12 Multi Tech Reader (Model No.: C300441-), T11 Multi Tech Readers (Model Nos. C300430- and C300431-) and T11 SMB Reader (Model Nos. C500430- and C500431-). All these model numbers are to be certified under FCC ID: M5VC30044XB.

#	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:
7	<p>The T11 Multi Tech (C300430-, C300431-), SMB T11 (C500430- and C500431-) and T12 Multi Tech, Black Not Potted (C300440-01-) readers have an identical circuit and PCB layout / PCB tracks with T12 Multi Tech readers (C300440- and C300441-). The differences between the T11 and T12 models lie in the shapes of the plastic enclosures and physical sizes of PCB. The sizes of non-conductive parts of the PCB are slightly different. There are no additional circuitries and no additional metal parts.</p> <p>The models C300430-, C500430- and C300440- come with a black enclosure, while C300431-, C500431- and C300441 have a white enclosure.</p> <p>The C300440-01- model, on the other hand, does not have an enclosure and is not potted.</p>

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

<p>The products all share the same hardware. The radio parameters are identical among all family members.</p>

Sincerely,

Menardo Lazaro
Technical Leader - Compliance

GALLAGHER GROUP LIMITED