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11 October 2011

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, Maryland 21046

Subject: Class 2 Permissive Change Application FCC ID: EHA-1000CP01CX2

Dear Application Examiner:

Intermec Technologies Corporation is submitting this application for the Class 2 Permissive Change of FCC ID: EHA-1000CP01CX2. The barcode scanner in the Model 1000CP01C has been slightly repositioned so that it points straight out, instead of tilted downward, resulting in the new Model 1000CP03C. A new holster has been developed for use with Model 1000CP03C that is worn on the wrist / forearm. It is designed for baggage handlers to have their hands free, but still be able to scan bar-codes. No modifications to the radios or the antennas have been made. System authorization is sought under FCC 15.247, FCC 15.407, FCC 22H and FCC 24E.

The Model 1000CP03C is electrically and mechanically identical to the previously certified models except for the position of the barcode scanner and the use of the wrist holster. No other models will be authorized to use the wrist holster. It would be impractical to use other models with the wrist holster because the barcode scanner would point into the arm instead of straight out over the hand. The Model 1000CP03C will not be authorized to use the body holster previously certified with the other models.

Please note that brand names instead of model numbers are used in some of the exhibits. The CN70 brand name corresponds to the 1000CP03C model number.

A SAR evaluation was performed on the wrist holster. Prior to SAR testing, a non-PBA KDB inquiry was made to the FCC to confirm that a body phantom and body tissue equivalent liquids could be used. The FCC agreed with our proposal (see KDB tracking #758326) and the results are documented in the SAR reports submitted with this application. Spot checks of the head configurations that produced the highest SAR in the original filing were also made (see KDB 178919 D01 Permissive Change Policy v05r01, Item #5b).

During the SAR evaluation of the CDMA radio, PCS band for the body worn configuration, it was necessary to modify the wrist holster for the Model 1000CP03C to provide additional spacing. Additional padding was added to the holster to insure a 12mm minimum spacing between the left side of the unit and the body phantom. Intermec attests that this modification will be made to all production holsters for the Model 1000CP03C.

The sum of the 1-g SAR measured for the CDMA and 802.11a/b/g/n radios in the Model 1000CP03C was less than the SAR limit of 1.6 W/kg, so SAR evaluation for simultaneous transmission was not required:

Model	Phantom	Highest of		Sum
		Part 22/24	Part 15	
		1 g (W/kg)	1 g (W/kg)	1 g (W/kg)
1000CP03C	Head	0.517	0.239	0.756
	Body	1.19	0.398	1.588

The following is a summary of the reports submitted with this application:

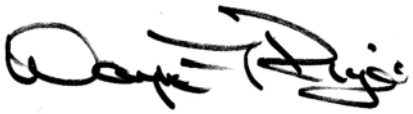
Type	Purpose	Reports
EMC 22H 24E	System level testing of the Model 1000CP03C for spurious radiated emissions and radiated power.	NWEMC Report – INMC0686
SAR 2.1093	System level SAR evaluation of the CDMA portion of the Model 1000CP03C	NWEMC Reports – INMC0737.1
SAR 2.1093	System level SAR evaluation of the 802.11 portion of the Model 1000CP03C	NWEMC Reports – INMC0737

Please note that system level EMC testing of the Wi-Fi and Bluetooth radios was not performed because there have been no changes made to the radios. The test reports filed in the original application continue to be representative.

Your efforts in reviewing this application are greatly appreciated.

Sincerely,

Best regards,



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