

FCC Application Processing Branch

Re: FCC ID S6J1059

Applicant:

Technology Solutions (UK) Ltd

Correspondence Reference Number:

32054

731 Confirmation Number:

EA335142

Responses are shown in bold below each question:

1) Will this device be operated always and only with Symbol-MC70?

Yes. The mechanical design of the S6J1059 is such that it can only connect on to a Symbol MC70.

2) As we understand, Symbol-MC70 is available with different associated transmitter options. For example, certification application filing for FCCID H9PMC7094 (800, 1900, 2400, 5300, 5800 MHz) includes SAR evaluation for held-to-ear and body-worn-accessory use conditions. In general, some metallic and/or structural changes to handsets used next to head or body can change the near-field exposure conditions and change SAR.

Will the existing H9PMC7094 transmitters be capable of operating in the same near-body conditions as reported there when FCCID S6J1059 is attached to Symbol-MC70?

If yes, this filing for S6J1059 attached to H9PMC7094 may need more info to support compliance demonstration for FCC RF exposure requirements.

The MC70 is available in different transmitter options. The full functionality of the MC70 is retained when using the S6J1059.

A range of accessories are currently available for the MC70 which represent structural and/or metallic changes to the MC70. A very similar example is the Symbol MSR7000-100R Magnetic Swipe Card Reader. This accessory attaches in the same way as the S6J1059, is a similar, small physical size and contains additional metal in the form of printed circuit board.

Other accessories which represent structural and/or metallic changes are the high capacity battery (Symbol Part Number 82-71364-02) and the Pistol Grip Handle (Symbol Part Number 21-70982-01).

The small size of the S6J1059 relative to the MC70 and distance from the transmitting antenna of the MC70 minimises the influence of the accessory on the SAR. Technology Solutions therefore believes that in common with the other standard Symbol accessories for the MC70, no additional SAR evaluation is required.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 days of the original e-mail date may result in application dismissal pursuant to Section 2.917 (c) and forfeiture of the filing fee pursuant to section 1.1108.

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Any questions about the content of this correspondence should be directed to the e-mail address listed below the name of the sender.