

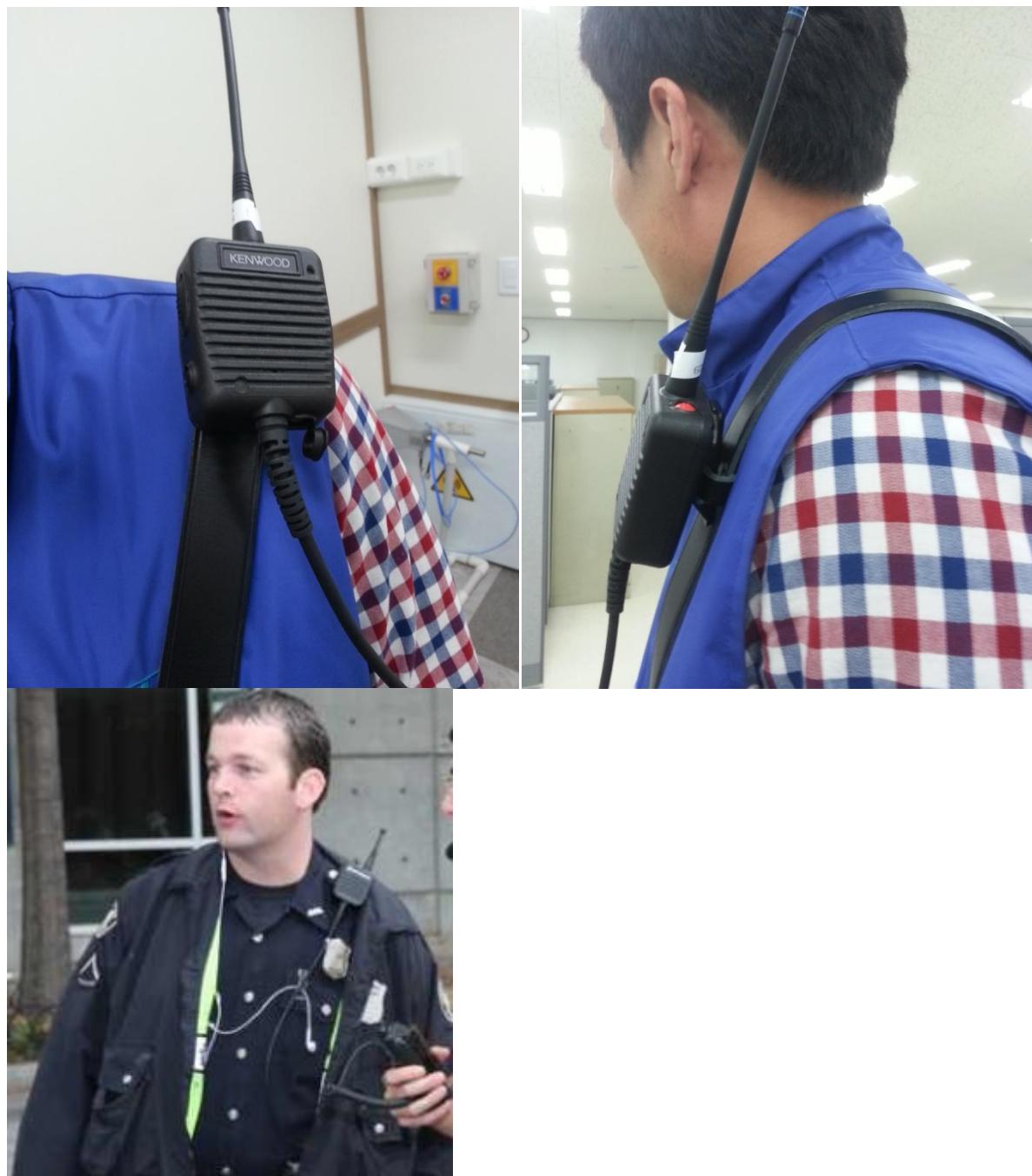
Justification for Kenwood SAR separation distance for FCC ID: K44431501

For Body SAR,

We can wear KMC-49 on the lapel or shoulder strap like following.

KMC-49 (MIL-SPEC, Speaker Mic. with Antenna Connector) can be attached with carrying accessory (KLH-137ST: Firemen's Heavy-Duty Leather Shoulder Strap for a Heavy-Duty Leather Case) or on the lapel.

KMC-49 Antenna is further away from the Body when we wear this clipped-on accessory. Please refer to the photos below for further information.



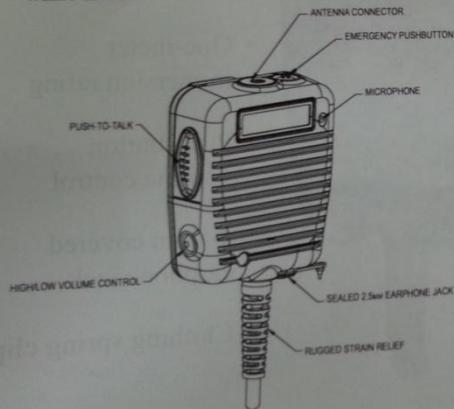
For Head SAR,

KMC-49 Manual states like following.

8. Preferred wearing location of the speaker microphone is on the shoulder with at least 4 inch distance to the mouth.

INSTALLATION:

1. Turn radio off.
2. Remove cover from radio accessory connector.
3. Remove antenna from 2-way radio.
4. Attach antenna to the connector on top of the speaker microphone.
5. (KMC-40 only) Dress coax under the belt clip or carry case belt loop (if used).
6. Connect 14 pin universal connector to radio. Snug mounting thumbscrew.
7. Snug coax connector to radio with supplied 5/16" wrench.
8. Preferred wearing location of the speaker microphone is on the shoulder with at least 4 inch distance to the mouth. Keep transmissions as short as possible and keep the antenna away from yourself and any nearby persons while in use.



OPERATION:

Turn the radio on and operate it as explained in the operating instructions supplied with the radio. Installing the speaker microphone (1) bypasses the radio's speaker and routes the speaker output to the speaker microphone and (2) disables the radio's microphone and enables the speaker microphone. To transmit, press the large PTT actuator located on the side of the speaker microphone.

Earphone Jack

- Remove the protective cover from the earphone jack
- Insert the audio accessory with 2.5 mm plug into the earphone jack. Audio will be muted in the speaker microphone and routed to the accessory.

CAUTION: to maintain the environmental seal, replace the protective cover when the plug is not in use.

Volume Control Button

- Push the volume control button to high or low as required for your application. The "IN" position is high output and "OUT" position is low output.

Antenna:

The speaker microphone assembly will perform best when worn above the shoulder. Microphone distance approximately 4" from face. For best reception and transmission results, this SP/Mic should be worn on an epaulette as vertical as possible. Do not transmit while this speaker mic is worn with the cord over the shoulder and the antenna pointing to the ground, or with the antenna against your body. Nor should you transmit using this speaker mic while it is lapel worn with the antenna against your chest. When hand held during transmission, hold the speaker mic at least 4 inches away from your face.