



36, Jeonpa-ro 44beon-gil Manan-gu,  
Anyang-si, Gyeonggi-do, Korea

Mar 29, 2019

Federal Communications Commission  
Equipment Authorization Branch  
7435 Oakland Mills Road  
Columbia, MD 21046

**Subject: Extended Frequencies Justification**

To Whom It May Concern:

We, VSOMD-100D, would like to submit the following justification to show the frequency range (136-174MHz) on the Grant of Equipment Authorization under (Part 90) for FCCID: VSOMD-100D. Per the FCC's KDB634817 guidance, as an alternative to listing the exact frequencies, we acknowledge that it's a violation of the FCC Rules if this device operates on unauthorized frequencies. This radio is intended for use by federal agencies, public agencies, emergency services, as well as commercial, business, and industrial services. Additionally, it will be used in other countries that accept the FCC Grant of Equipment Authorization. These services account for a majority of users as described in the below table

Frequency Range	Rule Part / Users
136 - 150.08	Federal (non-FCC)
150.8 – 156.2475	90
157.1875 – 161.575	90
161.775 – 161.9625	90
162.0375 - 173.4	90
173.4 -174	Federal (non-FCC)

This radio complies with 47 CFR Part 90.203(e) in that the operator cannot program and transmit on frequencies, other than those programmed by the manufacturer, service or maintenance personnel, using the equipment's external operation controls. It is noted that the FCC rules would be violated if this radio is programmed to operate on frequencies outside of FCC (Part 90) Frequency Bands for users other than the (Federal Government).

Sincerely,

**Hwan-Dae Kim / Chief Engineer**  
**YEONHWA M TECH CO.,LTD**