



KM3KM Electronics LLC.

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Date June 13, 2022

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

Subject: Extended Frequencies Justification

Gentlemen:

We, KM3KM Electronics LLC would like to submit the following justification to show the frequency range of 1.8-54 MHz) on the Grant of Equipment Authorization under Part 97 for our FCC ID: 2A3P6MERCURYLUX

Per the FCC'S KDB 634817 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.

Frequencies MHz	Part 97	Federal	ITU Region
1.8-2.0	97		
2.065-2.495		X	1, 2, 3
2.505-3.500		X	1, 2, 3
3.5 – 4.0	97		
4.0 – 4.995		X	1, 2, 3
5.005-5.275		X	1, 2, 3
5.275-5.45	97		
5.45-7.00		X	1, 2, 3
7.00 – 7.300	97		
7.300-10.100		X	1, 2, 3
10.100 – 10.15	97		
10.15-14.00		X	1, 2, 3
14.00-14.35	97		
14.35-18.068		X	1, 2, 3
18.068-18.168	97		
18.168-21.0		X	1, 2, 3
21.- 21.45	97		
21.45-24.89		X	1, 2, 3
24.89-24.99	97		
24.99-28.0		X	1, 2, 3
28.0-29.7	97		
29.7-50		X	1, 2, 3
50-54	97		

Sincerely,

Kenny Martinez
Owner