

Jan 15, 2025

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FCC ID: 2BA6ERU374PSABGH41A
Model No: RU37-4-PS-ABGH-41-C-D0-2C
RU37-4-PS-ABGH-51-C-D0-2W

Avari Wireless is submitting all required documents for FCC certification of the company's quad-band 420-450-700-800MHz Remote Unit (RU) for Land Mobile Radio wireless coverage. The same hardware (except the chassis) is used for the 2 models listed above. The RU37-4-PS-ABGH-41-C-D0-2C model has a cabinet-mount chassis and the RU37-4-PS-ABGH-51-C-D0-2W model has a wall-mount chassis.

1. Intended Emissions

Waveform Ref in Datasheet	Tested Signal	Signal Description	Individual Emission Designators	Emission Designators for Multiple Channels (FCC Form 731)	Explanations
Public Safety	P25 Phase I C4FM, CQPSK, P25 Phase II HDQPSK	Narrowband digital signal	9K63D9W, 9K63F9W, 9K51D9W, 9K51F9W, 10K1D9W, 10K1F9W, 9K52D9W, 9K52F9W	D9W, F9W	1 or more channels carrying a combination of voice and data for 420MHz, 450MHz, 700MHz and 800MHz Band
Public Safety	FM	FM 1kHz signal 4kHz deviation	10K1F8E	F8E	851-869MHz only

2. Intended Use

The RU equipment is to be connected to a Master Unit, the signal source via fiber. The equipment under this filing is NOT for consumer use. All deployment of such equipment first needs to be designed and approved by certified system designer and then implemented by professional installers.

Regards,



Andrew Leung
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