



Hytera Communications Corporation Limited

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Date: 2020/9/25

FEDERAL COMMUNICATIONS COMMISSIONS

Authorization and Evaluation Division

7435 Oakland Mills Road

Columbia, MD 21046

Subject: Extended Frequencies Justification for Certification of Transmitter with FCC ID: [YAMHR106XU2](#)

Dear Sir/Madam,

This transmitter was designed to operate in following frequency ranges: [450-527MHz](#)

To aid equipment authorization in other countries which accept the United States FCC Grant for Certification, [Hytera Communications Corporation Limited](#) is requesting that the FCC lists the frequencies [450-527MHz](#), under [FCC Rule Parts 22, 74, 80 and 90](#) on the FCC Grant.

[Hytera Communications Corporation Limited](#) attests that the [DIGITAL REPEATER](#) will not be marketed to USA users with the frequency band which is not allowed by the rule [Parts 22, 74, 80 and 90](#). 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.

| Frequency Range (MHz) | FCC Rule Part |
|-----------------------|---------------------------------------|
| 450-454 | FCC Part 74/ FCC Part 90 |
| 454-455 | FCC Part 22/ FCC Part 80 |
| 455-456 | FCC Part 74 |
| 456-460 | FCC Part 22/ FCC Part 80/ FCC Part 90 |
| 460-462.5375 | FCC Part 90 |
| 462.5375-462.7375 | For Federal |
| 462.7375-467.5375 | FCC Part 80/ FCC Part 90 |
| 467.5375-467.7375 | FCC Part 80 |
| 467.7375-470 | FCC Part 80/ FCC Part 90 |
| 470-512 | FCC Part 22/ FCC Part 74/ FCC Part 90 |
| 512-527 | For Federal |

Also, equipment programming is the responsibility of Authorized Service Personnel, the [DIGITAL REPEATER](#) complies with 47 CFR Part 90.203(e), in that the operator cannot directly program the transmit frequencies using the normally accessible external controls.

Please contact me if you require any additional information.

Sincerely Yours,

Signature: *Tian tian Chen*

Printed name: [Tiantian Chen](#)

Title: [Certification Engineer](#)