



SinoGNSS[®]
By ComNav Technology Ltd.

ComNav Technology Ltd.
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Attestation Letter

Date: 2021-03-27
To: Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD

FCC ID: 2ACHBN5
Model number: N5

Dear Sir/Madam,

We, ComNav Technology Ltd. hereby declare that we have a product named GNSS Receiver (FCC ID: 2ACHBN5), the model of N5 supports GMSK Digit function. Acknowledge that this device will not be marketed to USA users with the frequency band which is not allowed by rule part 90. and it is a violation of FCC rules if this device is operated on unauthorized frequencies inside the U.S.A

This equipment meets the requirements of the FCC Rules. Parts 90.203(e) and (g), as applicable
Programming of this products transmit frequencies can be performed ONLY by the manufacturer or by service or by maintenance personal

The operator can't program transmit frequencies using the equipment's external operation controls
This is to certify that the requirements of 47 CFR Part 90.203(j)(4) and (5) spectrum efficiency are met by the ComNav Technology Ltd. as demonstrated by the tests conducted on the sample radio provided.

The tests show that the GMSK data rate is in accordance with ETSI TS 102 361-1, that is 9600 bits per second in a 12.5 kHz bandwidth to satisfy the data rate requirement of 4800 bits per second per 6.25 kHz of channel bandwidth (9K60F1D and 9K60F1E emissions).

Additionally the GNSS Receiver uses the AMBE+2 half-rate vocoder to compress 60 ms of normal bursts are sent in alternate 30 ms TDMA slots and so comply with the equivalence of one voice channel per 6.25 kHz bandwidth (7K60F1E emission).

Best regards,

Client's name / title : xiaohui yang

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