



Advanced
Compliance Lab

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Date: December 30, 2022
Ref: Application for FCC Class II Permissive Change on Centrak's Product FCC ID: ST2-IT105
Ctrl#: 0048-221230-01

From: Wei Li, Advanced Compliance Laboratory
To: FCC

Dear Sir/ Madam,

We, Advanced Compliance Laboratory, as EMC testing lab and agent, would like to represent the applicant, Centrak, Inc. to apply for your approval on product authorization under FCC Class II Permissive Change Certification. The investigation for the EMC performance of the EUT(s), **Clear Repeater , Model No. IT-105, Original FCC ID: ST2-IT105** (granted on 12/05/2018) was performed in December, 2022 on behalf of the applicant. It was found that EUT complies with the requirements of FCC Part 15.247. The system was configured as the typical condition during the test. Enclosed please find the test data/report with application document.

Reason for C2PC Application:

- 1.The SKY RF power amplifier went obsolete and was replaced with the current SKY component.
- 2.The USB port was removed.
- 3.The power supply section was redesigned.
- 4.The RF shield is not installed.
- 5.The footprints for the not installed Ethernet interface was removed.
- 6.The PCB topology changed between Rev A and C2.

The rest RF circuitry will be kept the same

This device has already been approved for the same operating frequencies under Part 715.247 and so operational description, block diagram for RF operation in original filing remain unchanged. Changes in schematics are provided.

The measurement facility used to collect the test data is located at Somerset, New Jersey. OATS was listed by IC as "Site 3130A". In addition, this testing site has been listed by FCC (Refer to: 31040/SIT 1300F2) since 1992 and also recognized under NVLAP by NIST (Lab code 200101-0) since 1997.

Should you need more information, please contact me at (908) 392-3378 or email me to weili@ac-lab.com. Your attention is highly appreciated.

Sincerely,

Wei Li
Manager
Advanced Compliance Laboratory, Inc.