

Date: September 12, 2023

To: Federal Communications Commission
Authorization and Evaluation Division

Reference: FCC ID: DO4NEO2PS

Dear Sir or Madam:

The Neo v2.0 family of PRI/PAB, SAB consist of the following versions:

- NP12 PRI/PAB, NP12 SAB
- NP22 PRI/PAB, NP22 SAB
- NG12 PRI/PAB RF PED, NG12 SAB RF PED

The PRI/PAB, SAB system consists of an active PAB (Primary Antenna Board) pedestal and a passive SAB (Secondary Antenna Board) pedestal. 24V DC power is applied to the PAB only – the SAB draws power from the PAB.

NP12 PRI/PAB, NP12 SAB were tested as the worst-case configuration for emissions at Retlif. These antennas employ the same loop design. The picture of each model is enclosed for your reference. See below table for differences and similarities.

Model Number(s)	Differences	Similarities
NP12 PRI/PAB, NP12 SAB	Same as NG12 PRI/PAB RF PED, NG12 SAB RF PED except they are made from plexiglass. Same as NP22 PRI/PAB, NP22 SAB except they are narrower (smaller width).	TR4320 EAS sensor board, SOM board, Splitter board, antenna coupler board, LED board
NP22 PRI/PAB NP22 SAB	Same as NP12 PRI/PAB, NP12 SAB except they are wider (larger width).	TR4320 EAS sensor board, SOM board, Splitter board, antenna coupler board, LED board
NG12 PRI/PAB RF PED NG12 SAB RF PED	Same as NP12 PRI/PAB, NP12 SAB except they are made from ABS plastics.	TR4320 EAS sensor board, SOM board, Splitter board, antenna coupler board, LED board



Figure 1: NP12



Figure 2: NP22

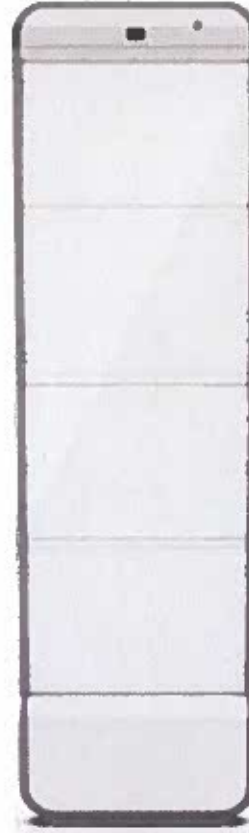


Figure 3: NG12

Sincerely,



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