alert MetalGuard

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Telecommunication Certification Body
UL VS Ltd
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Subject: Request for Change for a LMA of the antenna PCB assembly

FCC ID: S8OHYPER1730

To whom it may concern

We hereby request a Class II Permissive change for a Single Limited Modular approval for the Antenna PCB assembly of FCC ID: S8OHYPER1730, and to address minor changes to the PCB.
As can be seen in the below scheme “FCC Modular Approval QA Requirements“ the Module does not meet all the 15.212 Rule part requirements for Modular Approval.
Regarding (d) and (e) testing’s were performed at UL VD Ltd in antenna enclosures in three type of antennas.
Alert HyperGuard Antenna V2.0 12cm
Alert HyperGuard Antenna V2.0 18cm
HyperGUARD V2.0 Pedestal P10

| Modular Approval Requirements | Yes | No |
|---|---|---|
| (a) The radio elements must have the radio frequency circuitry shielded. Physical/discrete and tuning capacitors may be located external to the shield, but must be on the module assembly. | | No |
| (b) The module shall have buffered modulation/data input(s) (if such inputs are provided) to ensure that the module will comply with Part 15 Requirements with any type of input signal | Yes | |
| (c) The module shall have its own power supply regulation on the module. | Yes | |
| (d) The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b); | | No |
| (e) The module must demonstrate compliance in a stand-alone configuration; | | No |
| (f) The module must be labelled with its permanently affixed FCC ID label, or use an electronic display | Yes | |
| (g) The module must comply with all specific rules applicable to the transmitter. The grantee must provide comprehensive instructions to explain compliance requirements; | Yes | |
| (h) The module must comply with RF exposure requirements. For any transmitters intended for use in portable devices, SAR compliance must be demonstrated to be independent of the host device. | N/A | N/A |

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The Hyperguard Antenna pcb Rev. C has been changed in non-transmitter related parts of the design.
The document “Hyperguard Antenna board revision C changes.pdf” describe all changes.
All these changes are not related to the transmitter and no additional testing is required.

Yours faithfully,

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