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Modular Approval Request Letter for Datapaq Transceiver Module, TM21A

FCC ID: YEETM21

A Limited Modular Approval (LMA) is sought for the Datapaq TM21A Transceiver module under section CFR47 part 15.212(b). This is applied for with the understanding that Datapaq Ltd. will retain full control over the design and use of the module and ensure that it is only fitted into appropriate equipment according to the requirements.

Limited Modular Approval is sought for the TM21 Transceiver module since it does not meet all the requirements for Modular Approval as indicated below:

1. The modular transmitter must have its own RF shielding.
 - a. The TM21 Transceiver module complies with this requirement.
2. The modular transmitter must have buffered modulation/data inputs.
 - a. The TM21 Transceiver module does not have buffered inputs; therefore Limited Modular Approval is requested. This module was designed solely for Datapaq Ltd and the design is under Datapaq Ltd control which ensures that this module will only be fitted to host devices that have the appropriate interface requirements.
3. The modular transmitter must have its own power supply regulation.
 - a. The TM21 Transceiver module does not regulate the power rails; therefore Limited Modular Approval is requested. This module was designed solely for Datapaq Ltd and the design is under Datapaq Ltd control which ensures that this module will only be fitted to host devices that have the appropriate power supply requirements.
4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c).
 - a. The TM21 Transceiver module complies with this requirement.
5. The modular transmitter must be tested in a stand-alone configuration.
 - a. The TM21 Transceiver module was tested accordingly and complies with this requirement.
6. The modular transmitter must be labeled with its own FCC ID number, and, if the FCC ID is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module.
 - a. The TM21 Transceiver module will have a label applied marked with 'FCC ID: TM21'. The host device will also have a label applied marked with 'Contains Transceiver Module FCC ID: YEETM21'.
7. The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements.
 - a. The Operating Instructions for the Host device will contain instructions on how to use the TM21 Transceiver module fitted to the equipment.
8. The modular transmitter must comply with any applicable RF exposure requirements.
 - a. The TM21 Transceiver module is a low power device and does not pose a risk for RF exposure. See TM21 RF Exposure Statement (TM21 RFExp.pdf).