



WE BRING CYCLING TO LIFE.

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DATE: October 15, 2008
TO: Accreditation facility
FROM: Ed Watson
RE: Saris Class II Permissive change
REF: T8P-SL2P401 | 6459A - SL2P401

System level description of change:

The RF module design (printed circuit board and components) for Model#: SL2.4 and Model#: CPU+ are identical and contains the exact same RF module as the other host devices for the transceiver with IC ID: 6459A-SL2P401 and FCC ID: T8P- SL2P401 and therefore should qualify for the family certification.

Internally at Saris, The RF module design has a part number 16776, design files 16776-SCH, 16776-PCB, 16776-LST represents the schematic, pcb and Bill of Material for the RF module. The same RF module has always resided in both models and has not changed since the release in 2006, nor does it requires any changes to perform the new system level functions. Per the original 2006 released design; the Model#: SL2.4 is the transmitter (sensor) and the CPU is the receiver (user interface device).

Under the Class II Permissive change Saris would like to deploy reverse communication between the Model#:SL2.4 and Model#: CPU+. The model#: SL2.4 is still the primary transmitter and that periodicity sets the communication link to the receiver Model#: CPU+ in the forward direction. The RF module has always had the ability to send data back through a "reverse" direction, but it was never utilized. The class II permissive change is to utilize this reverse channel feature.

The additional frequency has been selected to add interoperability to other companies which is a growing trend in our industry. The second frequency (or channel) has a data format that follows industry standard ANT+sport and the original data format is a Saris custom. The two channels (two frequencies) are used to maintain the two data formats. Otherwise the high level system function is the same for each channel; each having reverse communication requirements in the protocol.

Respectfully,

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Ed Watson