

RFI Global Services Ltd
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United Kingdom

Re: Class II Changes to the Spectra Product

Pipinghot Networks Ltd, trading as Orthogon Systems would like to confirm the changes made to the digital board in its Spectra product:

- a) DSP devices now made on a 90nm process instead of 120nm
- b) Processor Core clock reduced from 41.6MHz to 25MHz
- c) Processor Core power rail reduced from 1.4V to 1.2V

The product was retested and there was a slight degradation in emissions compared to the previous build standard as shown in report RP48183JD01A.

Orthogon Systems would also like to confirm that the product tested was identical to the product previously tested apart from the changes described above. The later and original report did show different descriptions and part numbers but these are the same parts

Original Report	Later Report
Outdoor Unit – says Spectra 2302/3	Spectra ODU (the specific part numbers are not included)
Indoor Unit – says E083105 (manufacturer’s part number)	PIDU Plus 2521 (this is the Orthogon description and part number)

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Hopefully this should be all the information you require. However if you need any additional clarification, please let me know.

Yours sincerely



Clem Fisher
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Orthogon Systems