

# Correspondence Summary

May 11, 2007

SUBJECT: *ACURE TECHNOLOGY PTY LTD - FCC ID: UWT-RX-4002-02*

1. TCB question:

*Please review and confirm that operation is not subject to the requirements of section 15.247 (c)(2) Smart Antenna System (SAS). This section contains specific requirements for devices capable of forming multiple beams.*

Applicant's Answer:

*"I have reviewed the TCB questions and our system does not use a Smart Antenna Array in the context as described in the following document. While we use the term Smart Antenna in the manual the SLH does not use beam forming or other methods.*

*Our system is a point-to-multipoint system by it's general nature of being an Access Point. We typically use:*

*802.11b/g: For client connectivity. That is a single SLH antenna servicing multiple clients in a typical access point fashion.*

*802.11a: For backhaul connectivity. We normally install these in a point to point set-up to provide backhaul for the network. It is possible that backhaul is also run in a point to multipoint configuration but in a fixed model. That is we support multiple of our radios connecting back to a single radio for the purposes of backhaul but only accepting connection from our equipment."*

2. *TCB question:*

*Test report section 5.0: Please explain the power value differences with original SENOAO filings.*

Applicant's Answer:

Power reduction are required for this device to comply with the radiated emission limits (harmonic and spurious emissions), because the antenna gain used in this device are high (12dBi and 22dBi). The settings (power setting) were changed by software for power reduction. We will revise form 731, test report and cover letter for output power issue.

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