



American Certification Body Inc.
6731 Whittier Ave, C110, McLean, VA 22101

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RE: Path Track Ltd
FCC ID: 2APEJ-PTRX92401
IC: N/A
ATCB022690

Exhibit “12807TR1.pdf” – Conducted Spurious Emissions results (pgs 16 & 17) for low and high channel appear to show the fundamental at +10 dBm while Conducted Output Power (pg 14) at 4.8 dBm, please clarify.

Please clarify if all 3 orthogonal planes were tested.

Mark Render response: The test report describes the worst case radiated emissions in any orientation. Typically the base station is in one fixed position. Turntable rotation and antenna height maximisation captured the worst case signals. Above 1GHz the investigative procedure in ANSIC63.10 Clause 6.6.4.2. was used. Please accept the conducted carrier power results page 14 since the analyser settings were exactly as ANSIC63.10 Clause 7.8.5. The output power was maximum..

5/24/18 ACB – Please note the plots in question are Conducted Spurious, not Radiated Spurious emissions. Please clarify. Also, please clarify if all 3 orthogonal planes were tested.

Mark Render response – my comments related to maximising the radiated measurement in response to your question about three orthogonal planes for radiated tests. 3 orthogonal planes were tested and the radiated emissions were absolute worst case. This applies to restricted bands only.

The conducted tests were according to ANSI C63.10. for conducted spurious the apparatus was modulated, for peak output power it was not. The measurement bandwidths were also different according to ANSI C63.10. This accounts for any small difference. Testing in 3 orthogonal planes only applies to radiated tests.