



Dell Inc.
WW Regulatory Compliance
One Dell Way
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Proximity Sensor Attestation

We,

DELL Inc
One Dell Way
Round Rock,
Texas 78682,
USA

Further clarify that the proximity sensor(s) integrated into our host level platforms are a fully integrated and a touch sensing capacitive sensor technology. The proximity sensor component, itself, utilizes a charge transfer capacitive acquisition methodology and was specifically designed to be used in applications where near range proximity detection is required, as well as, where touch-conditions can prevail for short or extended periods of time.

In summary, when the proximity sensor comes within 16 mm of a solid object, it triggers a “back-off” mode that reduces the power of the product’s 3G/4G radio by 1.0 dB to as much as 7.5dB; dependent on the frequency band of operation.

The power reduction levels were tested and recorded in accordance to KDB 616217 D04 Section(s) 6.1, 6.2, 6.3, 6.4 and 6.5, in addition, for verification purposes of the intended power reduction algorithm, additional testing was performed with the 3G/4G radio transmitting at the maximum output power as defined by the manufacturer at conservative trigger distances as referenced and recorded in the following reports:

- A. FCC SAR report **FA391111-05** Section 5 pages 12 & 13.
- B. IC SAR report **CA391111-05** Section 5 pages 12 & 13.

This functional Proximity Sensor description is applicable to host level platforms:

Type of equipment:	Portable computer – Tablet
Brand:	Dell
FCC ID:	RI7LN930D1
Industry Canada (IC):	5131A-LN930
Host Regulatory Model:	T07G
Host Regulatory Type:	T07G002

If you have any questions pertaining to this general attestation, please do not hesitate to contact us.

Regards,

Don Bobo
Principal Regulatory Compliance Engineer



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