

To: Joe Dichoso
FCC Application Processing Branch

Re: FCC ID APV09001
Applicant: Standard Communications Corporation
Correspondence Reference Number: 18909
731 Confirmation Number: EA99920

Please add the following person as an authorized contact for this application.

Steve Hall
Vice President and Chief Technical Officer of Standard Communication
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1) The exhibit "Statement regarding compliance of Standard Communications Wireless Modules with regulations...." contains many errors, is not part of the filing and will be deleted. Please confirm.

Response: Please delete. You mention the letter contained many errors, could you please specify these errors for our information purpose only. Thanks.

2) The antenna gains listed in the antenna info sheets, the OEM integration guide, and the MPE exhibits do not agree. Please correct, explain which corrections you made and provide a list of antenna with antenna gains to verify and compare to all of the exhibits to ensure the proper antennas.

Response: The only antenna, Standard Communication will be providing is the Centurion (Model: EXE-821-SM) with a 2.5 dBi gain. The following corrections were made:

- 1) Revised OEM integration guide Page 6 mentions to only use the provided antenna.
- 2) Uploaded the specification of the Centurion antenna (EXE-821-SM) label "EXE821SM antenna".
- 3) Uploaded a revised MPE report (Page 3) specifying this antenna only.

3) Verify that the device is for OEM integration only and will not be sold to the General public.

Response: Uploaded a letter, label "OEMLetter" provided by Standard Communications specifying that the modules will only be sold to OEM integrators.

4) Provide the ERP radiated measurements for all antennas.

Response: Centurion antenna (Model: EXE-821-SM), with a 2.5 dBi gain, 35.17 dBm peak conducted output power, ERP (calculated from the peak output power and antenna gain--ERP= EIRP-2.14 dB and EIRP= output power in dBm + antenna gain in dBi.)

Measured Radiated Power = 132.80 dBuV/m @ 3 meters

Power = $(E(V/m) * D)^2 / 30 * 1$

Power = $(4.4106 * 3)^2 / 30 = 5.716 \text{ Watts or } 37.57 \text{ dBm (EIRP)}$

ERP = 37.57 dBm - 2.14 dB = 35.43 dBm