

Response to TCB Findings

1. In the antenna specifications sheet for the 12dBi omnidirectional antenna, the gain is listed as 12dBi (min). Please specify the typical/nominal gain for this antenna.

[As per client "the typical gain for the omni antenna is 12 dBi."](#)

2. The antenna information in the report and the operational description needs to be consistent. Antenna types are listed in the operational description with partial gain information. More details are needed. Also this description needs to provide more details on circuit functions and description of operation.

[A new operational description is attached.](#)

3. Same issue with the manual. Also it needs to be clarified which antennas are intended for point-to-point ONLY operation and which ones are not.

[A new installation manual is attached. See the last page of the manual for clarifications.](#)

4. Please clarify which antennas are intended for outdoor installation and which ones for indoor installation (if any).

[A new installation manual is attached which provides instructions only for outdoor installation.](#)

5. Please specify which part of the manual discusses how to set the power level to 50% to comply with the FCC rules as stated in the report for 16dBi sector antenna.

[Revised manual is attached. Please see the note to the professional installer under item 10 on Pg 6.](#)

6. An internal photo showing underneath the shielding can on the transmitter board is required. Please supply additional internal photo to address this.

[A new photo is attached.](#)

7. Has conducted emissions at the antenna terminals been checked upto the 10th harmonic or 40GHz ? Please clarify.

[Conducted emissions at the antenna terminals have been checked to 26.5GHz which is as high as they can be measured with conventional equipment. Above 26.5GHz, radiated measurements were made to complete the scan.](#)

8. 2 meter separation distance specified under the "FCC Notice" section of the manual on Page 6 is not enough for parabolic antenna. A distance greater than that calculated in RF exposure exhibit is required. This distance applies to general population around the antenna during normal operation. Installation condition is also required to be included under these statements ("fixed mounted on outdoor structures"). Also the professional installer needs to be instructed on avoiding the main beam of the antenna and pointing it to locations not occupied by persons during the installation.

[A new installation manual is attached. See Pg 6 for corrections.](#)