

Question #1: Please clarify if both antenna pair (Group antenna 1-4 and Group antenna 5-8) could transmit the signal simultaneously or only one group at a time?

Answer: Those two antenna pairs can transmit different signals simultaneously. Since TDMA/TDD system is used, those pairs' timing are synchronized.

Question #2: What is the purpose of add one more set of adaptive antenna to existing CS and what is the typical relative installation position for two 4-element adaptive arrays? Is it be designed to be cascaded as shown on p 4-5 of Users annual to form an new adaptive array or it is intended to be installed in a different location to take care of different cell area or to form two separate scanning beams?

Answers: The purpose of adding one more set of adaptive antenna to existing CS is to increase the number of users who can connect to one CS. To equip this type of CS in urban area where many users gather is better in terms of dealing with high traffic, decreasing installation sites and so on.

For typical relative installation position for two 4-element adaptive arrays, please find attached picture.

Two different adaptive arrays are equipped to enable CS to handle two users at same time.

Question #2: P8 of "Block\_PBS-CS47\_030929.pdf" RF input shall be RF output. Please correct.

Answer: We have changed as above.

Question #3: Is GPS circuit receiving only?

Answer: GPS circuit does not have transmitting function for RF signals. But it transmits and receives controlling signals.

Question #1: P15 of user manual stated:

This cell station has been tested and complies with the Federal Communications Commission (FCC) RF exposure limits for General Population/Uncontrolled exposure environment.

The design of this cell station complies with the FCC guidelines and these international standards. This cell station complies with the MPE requirements by providing a minimum safe-distance between the antenna and any persons. Please keep the minimum safe-distance of 1.17 meters from the cell station.

Normally, RF exposure for licensed base station is addressed during the site installation, but not in product certification. So please delete this info from the users manual. But do include necessary RF exposure installation instruction for installer and end user to follow. Like:

..... To satisfy the FCC RF exposure requirement, a minimum separation distance of x-feet (the safety distance which you obtain from MPE calculation) must be maintained between the nearby person and radiating elements.....

Answer: Warning in the user's manual has changed as following.

**WARNING**

RF exposure installation instruction

To satisfy the FCC RF exposure requirement, a minimum separation distance of 4 feet must be maintained between the nearby person and radiating elements.

Unauthorized alteration, modifications or attachments could impair its quality, damage the cell station, or result in violation of FCC regulations.

Review will continue when above issues are clarified.

Please continue the review as we believe those are clarified now.