

4.7 Planar ultra wideband antennas

Quiz

Answer these questions to get feedback on how well you understand the course. Only one of the answers is correct. You don't have to answer every question. If you don't know the answer you can just leave it blank (default option: "I won't answer this question") and this won't affect your score. Answering **correctly** will **add 2 points** to your score but on the other hand you'll **lose 1 point** if your answer is **wrong**. The questions are divided in groups of five questions.

Press **See result** after you have finished answering.

Displaying questions 1..5 of 5:

Question 1

For what distance is calculated mainly with using of the broadband technology?

Possible answers for question 1:

- tens of meters
- hundreds of meters
- tens of kilometers
- I won't answer this question

Question 2

What are the main advantages of broadband access?

Possible answers for question 2:

- high speed data transfer, low consumption, high transmission security, resistance to interference
- secure data transmission to long distances
- using yet unused frequency bands
- I won't answer this question

Question 3

What are the basic advantages of planar antennas?

Possible answers for question 3:

- usability for large transmission power
- small size, low profile, easy integrability into planar microwave circuits
- high polarization purity
- I won't answer this question

Question 4

What frequency bands are most often used for UWB technology?

Possible answers for question 4:

- 2,5 – 6,7 GHz
- 40 GHz and higher
- 3,1 – 10,6 GHz
- I won't answer this question

Question 5

What are requirements to the dielectric substrate used in antenna technology?

Possible answers for question 5:

- high permittivity
- low permittivity
- There aren't put any requirements. It does not matter.
- I won't answer this question

see result