

HamRadioSchool.com Technician License Course Section 4.2 Question Pool

T1B03 (B) [97.301(a)]

Which frequency is within the 6 meter amateur band?

- A. 49.00 MHz
- B. 52.525 MHz
- C. 28.50 MHz
- D. 222.15 MHz

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T1B05 (B) [97.305(c)]

What is the limitation for emissions on the frequencies between 219 and 220 MHz?

- A. Spread spectrum only
- B. Fixed digital message forwarding systems only
- C. Emergency traffic only
- D. Fast-scan television only

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T1B06 (B) [97.301(e), 97.305]

On which HF bands does a Technician class operator have phone privileges?

- A. None
- B. 10 meter band only
- C. 80 meter, 40 meter, 15 meter and 10 meter bands
- D. 30 meter band only

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T1B07 (A) [97.305(a), (c)]

Which of the following VHF/UHF frequency ranges are limited to CW only?

- A. 50.0 MHz to 50.1 MHz and 144.0 MHz to 144.1 MHz
- B. 219 MHz to 220 MHz and 420.0 MHz to 420.1 MHz
- C. 902.0 MHz to 902.1 MHz
- D. All of these choices are correct

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T1B08 (A) [97.303]

Which of the following is a result of the fact that the Amateur Radio Service is secondary in all or portions of some amateur bands (such as portions of the 70 cm band)?

- A. U.S. amateurs may find non-amateur stations in those portions, and must avoid interfering with them
- B. U.S. amateurs must give foreign amateur stations priority in those portions
- C. International communications are not permitted in those portions
- D. Digital transmissions are not permitted in those portions

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T1B10 (D) [97.301(e), 97.305(c)]

Which of the following HF bands have frequencies available to the Technician class operator for RTTY and data transmissions?

- A. 10 meter, 12 meter, 17 meter, and 40 meter bands
- B. 10 meter, 15 meter, 40 meter, and 80 meter bands
- C. 30 meter band only
- D. 10 meter band only

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T1B11 (A) [97.313]

What is the maximum peak envelope power output for Technician class operators using their assigned portions of the HF bands?

- A. 200 watts
- B. 100 watts
- C. 50 watts
- D. 10 watts

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T1B12 (D) [97.313(b)]

Except for some specific restrictions, what is the maximum peak envelope power output for Technician class operators using frequencies above 30 MHz?

- A. 50 watts
- B. 100 watts
- C. 500 watts
- D. 1500 watts

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T2A10 (A)

What is a band plan, beyond the privileges established by the FCC?

- A. A voluntary guideline for using different modes or activities within an amateur band
- B. A mandated list of operating schedules
- C. A list of scheduled net frequencies
- D. A plan devised by a club to indicate frequency band usage

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T2B12 (A)

Why are simplex channels designated in the VHF/UHF band plans?

- A. So that stations within mutual communications range can communicate without tying up a repeater
- B. For contest operation
- C. For working DX only
- D. So that stations with simple transmitters can access the repeater without automated offset

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T2B13 (C)

Where may SSB phone be used in amateur bands above 50 MHz?

- A. Only in sub-bands allocated to General class or higher licensees
- B. Only on repeaters
- C. In at least some portion of all these bands
- D. On any band as long as power is limited to 25 watts

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T3B08 (B)

What are the frequency limits of the VHF spectrum?

- A. 30 to 300 kHz
- B. 30 to 300 MHz
- C. 300 to 3000 kHz
- D. 300 to 3000 MHz

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T3B09 (D)

What are the frequency limits of the UHF spectrum?

- A. 30 to 300 kHz
- B. 30 to 300 MHz
- C. 300 to 3000 kHz
- D. 300 to 3000 MHz

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T3B10 (C)

What frequency range is referred to as HF?

- A. 300 to 3000 MHz
- B. 30 to 300 MHz
- C. 3 to 30 MHz
- D. 300 to 3000 kHz

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