

Chapter 2.0 Operating Your Radio

Section 2.2 Operating Techniques

G2A01 (A) p.41

Which sideband is most commonly used for voice communications on frequencies of 14 MHz or higher?

- A. Upper sideband
- B. Lower sideband
- C. Vestigial sideband
- D. Double sideband

G2A02 (B) p.41

Which of the following modes is most commonly used for voice communications on the 160-meter, 75-meter, and 40-meter bands?

- A. Upper sideband
- B. Lower sideband
- C. Vestigial sideband
- D. Double sideband

G2A03 (A) p.41

Which of the following is most commonly used for SSB voice communications in the VHF and UHF bands?

- A. Upper sideband
- B. Lower sideband
- C. Vestigial sideband
- D. Double sideband

G2A04 (A) p.41

Which mode is most commonly used for voice communications on the 17-meter and 12-meter bands?

- A. Upper sideband
- B. Lower sideband
- C. Vestigial sideband
- D. Double sideband

G2A05 (C) p.41

Which mode of voice communication is most commonly used on the HF amateur bands?

- A. Frequency modulation
- B. Double sideband
- C. Single sideband
- D. Phase modulation

G2A09 (D) p.41

Why do most amateur stations use lower sideband on the 160-meter, 75-meter and 40-meter bands?

- A. Lower sideband is more efficient than upper sideband at these frequencies
- B. Lower sideband is the only sideband legal on these frequency bands
- C. Because it is fully compatible with an AM detector
- D. Current amateur practice is to use lower sideband on these frequency bands

G2A10 (B) p.43

Which of the following statements is true of voice VOX operation versus PTT operation?

- A. The received signal is more natural sounding
- B. It allows "hands free" operation
- C. It occupies less bandwidth
- D. It provides more power output

G2D04 (B) p.44

Which of the following describes an azimuthal projection map?

- A. A map that shows accurate land masses
- B. A map that shows true bearings and distances from a particular location
- C. A map that shows the angle at which an amateur satellite crosses the equator
- D. A map that shows the number of degrees longitude that an amateur satellite appears to move westward at the equator with each orbit

G2D06 (C) p.44

How is a directional antenna pointed when making a "long-path" contact with another station?

- A. Toward the rising Sun
- B. Along the gray line
- C. 180 degrees from its short-path heading
- D. Toward the north

G2D10 (B) p.43

What is QRP operation?

- A. Remote piloted model control
- B. Low power transmit operation
- C. Transmission using Quick Response Protocol
- D. Traffic relay procedure net operation

G4A03 (C) p.42

What is normally meant by operating a transceiver in "split" mode?

- A. The radio is operating at half power
- B. The transceiver is operating from an external power source
- C. The transceiver is set to different transmit and receive frequencies
- D. The transmitter is emitting an SSB signal, as opposed to DSB operation

G4A12 (C) p.42

Which of the following is a common use for the dual VFO feature on a transceiver?

- A. To allow transmitting on two frequencies at once
- B. To permit full duplex operation, that is transmitting and receiving at the same time
- C. To permit monitoring of two different frequencies
- D. To facilitate computer interface