

Federal Communications Commission

§ 97.305

and other U.S. insular areas are in either Region 2 or 3; see appendix 1 to part 97.

[75 FR 27203, May 14, 2010, as amended at 77 FR 5412, Feb. 3, 2012; 80 FR 38912, July 7, 2015]

§ 97.305 Authorized emission types.

(a) Except as specified elsewhere in this part, an amateur station may transmit a CW emission on any frequency authorized to the control operator.

(b) A station may transmit a test emission on any frequency authorized to the control operator for brief periods

for experimental purposes, except that no pulse modulation emission may be transmitted on any frequency where pulse is not specifically authorized and no SS modulation emission may be transmitted on any frequency where SS is not specifically authorized.

(c) A station may transmit the following emission types on the frequencies indicated, as authorized to the control operator, subject to the standards specified in § 97.307(f) of this part.

Wavelength band	Frequencies	Emission types authorized	Standards see § 97.307(f), paragraph:
MF:			
160 m	Entire band .....	RTTY, data .....	(3).
160 m	Entire band .....	Phone, image .....	(1), (2).
HF:			
80 m	Entire band .....	RTTY, data .....	(3), (9).
75 m	Entire band .....	Phone, image .....	(1), (2).
60 m	5.332, 5.348, 5.3585, 5.373 and 5.405 MHz .....	Phone, RTTY, data .....	(14).
40 m	7.000–7.100 MHz .....	RTTY, data .....	(3), (9)
40 m	7.075–7.100 MHz .....	Phone, image .....	(1), (2), (9), (11)
40 m	7.100–7.125 MHz .....	RTTY, data .....	(3), (9)
40 m	7.125–7.300 MHz .....	Phone, image .....	(1), (2)
30 m	Entire band .....	RTTY, data .....	(3).
20 m	14.00–14.15 MHz .....	RTTY, data .....	(3).
20 m	14.15–14.35 MHz .....	Phone, image .....	(1), (2).
17 m	18.068–18.110 MHz .....	RTTY, data .....	(3).
17 m	18.110–18.168 MHz .....	Phone, image .....	(1), (2).
15 m	21.0–21.2 MHz .....	RTTY, data .....	(3), (9).
15 m	21.20–21.45 MHz .....	Phone, image .....	(1), (2).
12 m	24.89–24.93 MHz .....	RTTY, data .....	(3).
12 m	24.93–24.99 MHz .....	Phone, image .....	(1), (2).
10 m	28.0–28.3 MHz .....	RTTY, data .....	(4).
10 m	28.3–28.5 MHz .....	Phone, image .....	(1), (2), (10).
10 m	28.5–29.0 MHz .....	Phone, image .....	(1), (2).
10 m	29.0–29.7 MHz .....	Phone, image .....	(2).
VHF:			
6 m	50.1–51.0 MHz .....	MCW, phone, image, RTTY, data .....	(2), (5).
Do	51.0–54.0 MHz .....	MCW, phone, image, RTTY, data, test .....	(2), (5), (8).
2 m	144.1–148.0 MHz .....	MCW, phone, image, RTTY, data, test .....	(2), (5), (8).
1.25 m	219–220 MHz .....	Data .....	(13)
Do	222–225 MHz .....	RTTY, data, test MCW, phone, SS, image .....	(2), (6), (8)
UHF:			
70 cm	Entire band .....	MCW, phone, image, RTTY, data, SS, test .....	(6), (8).
33 cm	Entire band .....	MCW, phone, image, RTTY, data, SS, test, pulse .....	(7), (8), and (12).
23 cm	Entire band .....	MCW, phone, image, RTTY, data, SS, test .....	(7), (8), and (12).
13 cm	Entire band .....	MCW, phone, image, RTTY, data, SS, test, pulse .....	(7), (8), and (12).
SHF:			
9 cm	Entire band .....	MCW, phone, image, RTTY, data, SS, test, pulse .....	(7), (8), and (12).
5 cm	Entire band .....	MCW, phone, image, RTTY, data, SS, test, pulse .....	(7), (8), and (12).
3 cm	Entire band .....	MCW, phone, image, RTTY, data, SS, test .....	(7), (8), and (12).
1.2 cm	Entire band .....	MCW, phone, image, RTTY, data, SS, test, pulse .....	(7), (8), and (12).
EHF:			
6 mm	Entire band .....	MCW, phone, image, RTTY, data, SS, test, pulse .....	(7), (8), and (12).
4 mm	Entire band .....	MCW, phone, image, RTTY, data, SS, test, pulse .....	(7), (8), and (12).
2.5 mm	Entire band .....	MCW, phone, image, RTTY, data, SS, test, pulse .....	(7), (8), and (12).
2 mm	Entire band .....	MCW, phone, image, RTTY, data, SS, test, pulse .....	(7), (8), and (12).
1 mm	Entire band .....	MCW, phone, image, RTTY, data, SS, test, pulse .....	(7), (8), and (12).
	Above 275 GHz .....	MCW, phone, image, RTTY, data, SS, test, pulse .....	(7), (8), and (12).

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