

Federal Communications Commission

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of)
)
Amendment of Parts 1, 2, 15, 90 and 95 of the) ET Docket No. 15-26
Commission's Rules to Permit Radar Services)
in the 76-81 GHz Band)

ERRATUM

Released: August 15, 2017

By the Chief, Office of Engineering and Technology:

On July 14, 2017, the Commission released a *Report and Order*, FCC 17-94, in the above-captioned proceeding. This Erratum corrects the beginning of the fifth sentence in paragraph 49 of the *Report and Order*, to read as follows: "We further note that the public benefits of such radars are clear..."

This Erratum also amends Appendix A of the *Report and Order* as indicated below:

1. Paragraph 1 is corrected to read as follows:

"1. The authority citation for part 1 continues to read as follows:

Authority: 47 U.S.C. 151, 154(i), 154(j), 155, 157, 160, 201, 225, 227, 303(r), 309, 332, 1403, 1404, 1451, 1452, and 1455."

2. Paragraph 2, with amendments to Section 1.1307, is corrected to read as follows:

"2. Section 1.1307 is amended by adding an entry for "76-81 GHz Radar Service (part 95)" above the entry for "Amateur Radio Service (part 97)" in Table 1 in paragraph (b)(1) and revising paragraphs (b)(2)(i) and (ii) to read as follows:

§ 1.1307 Actions that may have a significant environmental effect, for which Environmental Assessments (EAs) must be prepared.

* * * * *

(b) * * *

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(1) * * *

Table 1 – Transmitters, Facilities and Operations Subject to Routine Environmental Evaluation

Service (title 47 CFR rule part)	Evaluation required if:
* * * * *	* * * * *
76-81 GHz Radar Service (part 95)	All included.
Amateur Radio Service (part 97)	Transmitter output power > levels specified in § 97.13(c)(1) of this chapter.
* * * * *	* * * * *

(2)(i) Mobile and portable transmitting devices that operate in the Commercial Mobile Radio Services pursuant to part 20 of this chapter; the Cellular Radiotelephone Service pursuant to part 22 of this chapter; the Personal Communications Services (PCS) pursuant to part 24 of this chapter; the Satellite Communications Services pursuant to part 25 of this chapter; the Miscellaneous Wireless Communications Services pursuant to part 27 of this chapter; the Upper Microwave Flexible Use Service pursuant to part 30 of this chapter; the Maritime Services (ship earth stations only) pursuant to part 80 of this chapter; the Specialized Mobile Radio Service, the 4.9 GHz Band Service, and the 3650 MHz Wireless Broadband Service pursuant to part 90 of this chapter; the Wireless Medical Telemetry Service (WMTS), the Medical Device Radiocommunication Service (MedRadio), and the 76-81 GHz Band Radar Service pursuant to part 95 of this chapter; and the Citizens Broadband Radio Service pursuant to part 96 of this chapter are subject to routine environmental evaluation for RF exposure prior to equipment authorization or use, as specified in §§ 2.1091 and 2.1093 of this chapter.

(ii) Unlicensed PCS, unlicensed NII, and millimeter-wave devices also are subject to routine environmental evaluation for RF exposure prior to equipment authorization or use, as specified in §§ 15.255(g), 15.257(g), 15.319(i), and 15.407(f) of this chapter.

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3. Paragraph 5, with amendments to Section 2.1091(c)(1), is corrected as to that subsection to add “the Upper Microwave Flexible Use Service pursuant to part 30 of this chapter;” before “the Maritime Services ...;”.

4. Paragraph 6, with amendments to Section 2.1093(c)(1), is corrected as to that subsection to add “the Upper Microwave Flexible Use Service pursuant to part 30 of this chapter;” before “the Maritime Services ...;”.

5. Paragraph 9, with amendments to Section 15.252(b)(3), is corrected as to that subsection to delete the phrase “as appropriate” from the end of the first sentence.

6. Paragraph 17’s amendment to Section 95.3367, is corrected to read as follows:

“§ 95.3367 76-81 GHz Band Radar Service radiated power limits.

The fundamental radiated emission limits within the 76-81 GHz band are expressed in terms of Equivalent Isotropically Radiated Power (EIRP) and are as follows:

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(a) The maximum power (EIRP) within the 76-81 GHz band shall not exceed 50 dBm based on measurements employing a power averaging detector with a 1 MHz Resolution Bandwidth (RBW).

(b) The maximum peak power (EIRP) within the 76-81 GHz band shall not exceed 55 dBm based on measurements employing a peak detector with a 1 MHz RBW.”

7. Above paragraph 18, the part heading for part 97 is corrected to read as follows:

“PART 97 – AMATEUR RADIO SERVICE”

8. Paragraph 19, with amendments to Section 97.303, is corrected to read as follows:

“19. Section 97.303 is amended by removing and reserving paragraph (s) and by revising paragraphs (c) and (f) to read as follows:

§ 97.303 Frequency sharing requirements.

* * * * *

(c) Amateur stations transmitting in the 76-81 GHz segment, the 136-141 GHz segment, or the 241-248 GHz segment must not cause harmful interference to, and must accept interference from, stations authorized by the United States Government, the FCC, or other nations in the radiolocation service.

* * * * *

(f) Amateur stations transmitting in the following segments must not cause harmful interference to radio astronomy stations: 3.332-3.339 GHz, 3.3458-3.3525 GHz, 76-81 GHz, 136-141 GHz, 241-248 GHz, 275-323 GHz, 327-371 GHz, 388-424 GHz, 426-442 GHz, 453-510 GHz, 623-711 GHz, 795-909 GHz, or 926-945 GHz. In addition, amateur stations transmitting in the following segments must not cause harmful interference to stations in the Earth exploration-satellite service (passive) or the space research service (passive): 275-277 GHz, 294-306 GHz, 316-334 GHz, 342-349 GHz, 363-365 GHz, 371-389 GHz, 416-434 GHz, 442-444 GHz, 496-506 GHz, 546-568 GHz, 624-629 GHz, 634-654 GHz, 659-661 GHz, 684-692 GHz, 730-732 GHz, 851-853 GHz, or 951-956 GHz.

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(s) [Reserved]

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Julius P. Knapp
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