

Federal Communications Commission
Office of Engineering and Technology
Laboratory Division Public Draft Review

September 2, 2020

Draft Laboratory Division Publications Report

Title: 987594 Addendum to draft for U-NII 6 GHz devices 5.925-7.125 GHz v01 DR02-44076

Short Title: NA

Reason: To post updates to 987594 U-NII 6 GHz devices 5.925-7.125 GHz DR01-44057 prior to publication.

Publication: 987594

Keyword/Subject: NA

First Category: Unlicensed Service Rules and Procedures

Second Category: U-NII devices- 15.401

Question: Because the draft period of 987594 U-NII 6 GHz devices 5.925-7.125 GHz DR01-44057 permits submitting applications, can clarifications and updates be posted?

Answer: Yes, document 987594 Addendum to draft for U-NII 6 GHz devices 5.925-7.125 GHz v01 DR02-44076 will provide clarifications and updates to 987594 U-NII 6 GHz devices 5.925-7.125 GHz DR01-44057. Comments should be posted to the original draft 987594 U-NII 6 GHz devices 5.925-7.125 GHz DR01-44057 and not to the addendum.

This addendum will post clarifications and updates during the draft comment period. When new items are added to the addendum, the previous addendum will be expired, and the new addendum will be posted with the previous items plus the new items. The document identification for the new version will change by updating the v0N number plus a new five-digit date identifier DR02-44NNN of the title.

Attachment List:

Attachment

Addendum to Draft

1. -27 dBm EIRP OOBE is measured RMS which is a deviation from the current 15E rules for 5 GHz bands. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.
2. Contention based protocol shall be tested on at least one channel in each sub-band. For instance, if all sub-bands are supported, four channels will be tested and if only one sub-band is supported only one channel will be tested. Testing shall be performed on the narrowest and widest bandwidth in each sub-band.
3. When constructing the mask, the narrowest 26 dB bandwidth may be used for each bandwidth. This allowance should reduce some of the burden of having to reconstruct the mask for each minor variation in 26 dB BW.
4. Modules do not necessarily have to comply with the integrated antenna requirement. However, the host integrator does. Therefore, the installation manual for the module must clearly state that the host integrator must make sure the antenna for the host complies with the antenna requirements i.e., permanently mounted as applicable.