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| U.S. Radiocommunications Sector  Fact Sheet | |
| **Working Party:** ITU-R WP5B | **Document No:** USWP5B25-FS-12 |
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| **Purpose/Objective:** Clarify and correct what has become by some a misunderstanding in the difference between signal and noise plus distortion ratio (SINAD) and signal-to-noise ratio in the measurement of receiver performance. | |
| **Abstract:** Rec. ITU-R M.489-2 ﻿*Technical characteristics of VHF radiotelephone*  *equipment operating in the maritime mobile service in channels spaced by 25 kHz* requirement for receiver sensitivity “for a given reference signal-to-noise ratio at the output of the receiver” has long been properly understood to mean a SINAD measurement, and is rightly interpreted that way by applicable test standards. Yet over time some have misinterpreted that understanding and a clarification may now be warranted. The clarification might be simply accomplished editorially or by corrigendum. | |