

Date 7/3/2012	Document
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National Committee	Clause/ Subclause	Paragraph Figure/ Table	Type of comment (General/ Technical/Editorial)	COMMENTS	Proposed change	OBSERVATIONS OF THE SECRETARIAT on each comment submitted
ANSI ASC C63	ANSI C63.19:2011 Clauses 4,5		T	(See question below)	(See response below)	

### Question:

How should simultaneous transmission of multiple services be tested for RF Emissions for ANSI C63.19 Clauses 4 and 5? The definition of simultaneous transmissions is when two transmitters are radiating simultaneously and operating over separate or the same air interfaces/bands, such that each air interface/band transmission is contributing to the radiated field. Simultaneous transmission is also described in FCC KDB 285076, and this question is intended to be consistent with the description in the KDB.

### Responses:

ANSI C63.19-2011 does not address simultaneous transmitters. The WG discussed this issue during the development of the 2011 revision but believed that there was not sufficient experience or data available to properly treat the subject. Therefore, the current standard calls for transmitters to be evaluated individually. Where there is a potential for transmitters to operate simultaneously, this fact should be noted in the test report. This is consistent with guidance the FCC has issued on this topic, which states:

- a. Handsets that that have the ability to support concurrent connections using simultaneous transmissions<sup>8</sup> shall be independently tested for each air interface/band defined in C63.19-2007 separately. The handset shall not be tested in the simultaneous transmission modes, which may include all air interfaces/bands (voice or data), whether or not defined in C63.19-2007.
- b. ....
- c. All air interfaces/bands that can be operated in concurrent connections mode with another air interface/band (simultaneous transmission or other concurrent connection mode) shall be indicated in the test report. The test report shall identify the mode (simultaneous transmission or other) and the operation with which the indicated mode is concurrent.<sup>1</sup>

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<sup>1</sup> FCC KDB 285076 D01 HAC Guidance v02r01 dated 01/25/2011. The KDB can be found at:  
[www.fcc.gov/labhelps](http://www.fcc.gov/labhelps)