

ISO 15118-9:2022-11 (E)

Road vehicles - Vehicle to grid communication interface - Part 9: Physical and data link layer conformance test for wireless communication

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Abbreviated terms	6
5	Conventions	7
5.1	Requirement structure	7
5.2	Test system description	8
6	Test architecture reference model	8
6.1	General information	8
6.2	Platform adapter interface	8
6.3	SUT adapter interfaces	9
6.4	Codecs	9
7	Test suite conventions	10
7.1	General information	10
7.2	Test suite structure (TSS)	10
7.3	Test profiles	11
7.3.1	Test configurations	12
7.3.2	Components and ports	12
7.3.3	Protocol implementation conformance statement (PICS) definition	14
7.3.4	Protocol implementation extra information for testing (PIXIT) definition	14
7.3.5	Test control	15
7.4	Test suite identifiers	15
7.4.1	Module identifiers	15
7.4.2	Test case identifiers	16
7.4.3	Template identifiers	16
7.4.4	Function identifiers	17
7.4.5	Timer identifiers	18
7.4.6	PICS/PIXIT identifiers	18
7.4.7	Verdict identifiers	19
7.5	Test suite coverage	19
7.6	Test case description	22
8	Test case descriptions for ISO 15118-8 requirements	23
8.1	General information	23
8.2	SECC test cases	23
8.3	EVCC test cases	43
Bibliography		72