



Regulatory Notice for Wireless LAN/WAN modules

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For model: QCNFA344A.	88	For model: AX200D2WL.	91
For model: QCNFA364	88	For model: AX210NGW	91
For model: QCNFA435	89	For model: MT7922A22M	91
For model: RTL8821CE	89	For model: AX210D2W	91
For model: RTL8822BE	89	For model: AX211D2W	92
For model: 9260NGW.	89	For model: AX211NGW	92
For model: 9560NGW.	89	For model: RTL8852BE	92
For model: 9560NGW R.	89	For model: AX203NGW	92
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About this manual

This publication contains regulatory information for wireless modules that may be included by Lenovo computers. Different computer products support different wireless modules. Devices that are certified with a specific absorption rate (SAR) are listed separately.

Table 1. Wireless modules for SAR-certified devices

Product Name	Wireless Modules
Lenovo IdeaPad C340-14IWL	QCNFA435, RTL8822BE, 9560NGW, 9462NGW
Lenovo IdeaPad C340-15IWL	QCNFA435, RTL8822BE, 9560NGW, 9462NGW
Lenovo IdeaPad C340-14API	QCNFA435, RTL8821CE, RTL8822BE
Lenovo IdeaPad S340-14IWL	QCNFA435, RTL8822BE, 9560NGW, 9462NGW
Lenovo IdeaPad S340-15IWL	QCNFA435, RTL8822BE, 9560NGW, 9462NGW
Lenovo IdeaPad S340-15IWL Touch	QCNFA435, RTL8822BE, 9560NGW, 9462NGW
Lenovo IdeaPad S340-14API	QCNFA435, RTL8821CE, RTL8822BE
Lenovo IdeaPad S340-15API	QCNFA435, RTL8821CE, RTL8822BE
Lenovo IdeaPad S340-15API Touch	QCNFA435, RTL8821CE, RTL8822BE
Lenovo IdeaPad S540-14IWL	QCNFA435, RTL8822BE, 9560NGW, 9462NGW
Lenovo IdeaPad S540-14IWL Touch	QCNFA435, RTL8822BE, 9560NGW, 9462NGW
Lenovo IdeaPad S540-14API	QCNFA435, RTL8821CE, RTL8822BE
Lenovo IdeaPad FLEX-14API	QCNFA435, RTL8821CE, RTL8822BE
Lenovo IdeaPad FLEX-14IWL	QCNFA435, RTL8822BE, 9560NGW, 9462NGW
Lenovo IdeaPad FLEX-15IWL	QCNFA435, RTL8822BE, 9560NGW, 9462NGW
Lenovo Legion Y540-15IRH	QCNFA435, RTL8821CE, RTL8822BE, 9560NGW, 9462NGW
Lenovo Legion Y540-15IRH-PG0	QCNFA435, RTL8821CE, RTL8822BE, 9560NGW, 9462NGW
Lenovo Legion Y540-17IRH	QCNFA435, RTL8821CE, RTL8822BE, 9560NGW, 9462NGW
Lenovo Legion Y540-17IRH-PG0	QCNFA435, RTL8821CE, RTL8822BE, 9560NGW, 9462NGW
Lenovo E41-35	QCNFA435, RTL8821CE
Lenovo ThinkBook 13s-IWL	RTL8822CE, 9560NGW
Lenovo ThinkBook 14s-IWL	RTL8822CE, 9560NGW
Lenovo ThinkBook 13s-IML	RTL8822CE, 9560NGW
Lenovo ThinkBook 14s-IML	RTL8822CE, 9560NGW
Lenovo V330-14ISK	QCNFA435, 3165NGW, 8265NGW, RTL8822BE, RTL8821CE

Table 1. Wireless modules for SAR-certified devices (continued)

Product Name	Wireless Modules
Lenovo V330-14IKB	QCNFA435, 3165NGW, 8265NGW, RTL8822BE, RTL8821CE
Lenovo V330-14ARR	QCNFA435A, RTL8821CE
Lenovo V330-14IGM	QCNFA435A, 3165NGW, RTL8821CE
Lenovo Legion Y740-15IRH	9560NGW, AX200NGW
Lenovo Legion Y740-15IRHg	9560NGW
Lenovo Legion Y740-17IRH	9560NGW
Lenovo Legion Y740-17IRHg	9560NGW
Lenovo IdeaPad S540-15IWL GTX	RTL8822BE, 9560NGW
Lenovo Chromebook C340-11	9560NGW
Lenovo Chromebook S340-14	9560NGW
Lenovo Chromebook S340-14 Touch	9560NGW
Lenovo Legion Y7000 2019	QCNFA435, RTL8821CE, RTL8822BE, 9560NGW, 9462NGW
Lenovo Legion Y7000 2019 PG0	QCNFA435, RTL8821CE, RTL8822BE, 9560NGW, 9462NGW
Lenovo Legion Y7000 2019 1050	RTL8822BE, 9560NGW
Lenovo 100e 2nd Gen	9260NGW, 9560NGW, AX200NGW, QCNFA344A, RTL8822CE
Lenovo 300e 2nd Gen	9260NGW, 9560NGW, AX200NGW, QCNFA344A, RTL8822CE
Lenovo Legion Y545	QCNFA435, RTL8821CE, RTL8822BE, 9560NGW, 9462NGW
Lenovo Legion Y545 PG0	QCNFA435, RTL8821CE, RTL8822BE, 9560NGW, 9462NGW
Lenovo IdeaPad S540-13IML	9560NGW, AX201NGW, RTL8822CE
Lenovo Yoga C940 BE-14IIL	9560D2W, AX201D2W
Lenovo Yoga C940-14IIL	9560D2W, AX201D2W
Lenovo Yoga S740-15IRH	9560NGW, AX200NGW
Lenovo IdeaPad S740-15IRH	9560NGW, AX200NGW
Lenovo IdeaPad S740-15IRH Touch	9560NGW, AX200NGW
Lenovo Yoga S730-13IML	RTL8822CE , 9560NGW
Lenovo IdeaPad 730S-13IML	RTL8822CE , 9560NGW
Lenovo ideapad S530-13IML	RTL8822CE, 9560NGW, 9462NGW, QCNFA435
Lenovo IdeaPad S540-15IML	RTL8822CE, 9560NGW, 9462NGW
Lenovo Yoga C740-14IML	RTL8822CE, 9560NGW, AX201NGW

Table 1. Wireless modules for SAR-certified devices (continued)

Product Name	Wireless Modules
Lenovo Yoga C740-15IML	RTL8822CE, 9560NGW, AX201NGW
Lenovo Yoga S740-14IIL	RTL8822CE, 9560NGW, AX201NGW
Lenovo IdeaPad S740-14IIL	RTL8822CE, 9560NGW, AX201NGW
Lenovo Chromebook C340-15	7265NGW
Lenovo Yoga C640-13IML	RTL8822CE, 9560NGW
Lenovo Yoga C640-13IML LTE	RTL8822CE, 9560NGW, L850-GL
Lenovo 14w	QCNFA344A
Lenovo 14e Chromebook	QCNFA344A
Lenovo Chromebook S345-14AST	QCNFA344A
Lenovo IdeaPad S340-13IML	RTL8822CE, 9260NGW
Lenovo Ideapad S340-14IML	RTL8822CE, 9560NGW, 9462NGW, QCNFA435
Lenovo Ideapad S340-15IML	RTL8822CE, 9560NGW, 9462NGW, QCNFA435
Lenovo Ideapad S340-15IML Touch	RTL8822CE, 9560NGW, 9462NGW, QCNFA435
Lenovo IdeaPad C340-15IIL	RTL8822CE, 9560NGW, 9462NGW, QCNFA435
Lenovo IdeaPad Flex-15IIL	RTL8822CE, 9560NGW, 9462NGW, QCNFA435
Lenovo Legion Y740S-15IRH	9560NGW, AX200NGW
Lenovo IdeaPad S540-14IML	RTL8822CE, 9560NGW, 9462NGW, QCNFA435
Lenovo IdeaPad S540-14IML Touch	RTL8822CE, 9560NGW, 9462NGW, QCNFA435
Lenovo Yoga S940-14IIL	AX201D2W
Lenovo IdeaPad S940-14IIL	AX201D2W
Lenovo IdeaPad Slim 1-11AST-05	RTL8822CE, QCNFA435, QCNFA344A
Lenovo IdeaPad Flex-14IML	RTL8822CE, 9560NGW, 9462NGW, QCNFA435
Lenovo IdeaPad C340-15IML	RTL8822CE, 9560NGW, 9462NGW, QCNFA435
Lenovo IdeaPad Flex-15IML	RTL8822CE, 9560NGW, 9462NGW, QCNFA435
Lenovo IdeaPad S540-13API	RTL8822CE, QCNFA344A, QCNFA435
Lenovo Yoga C940-15IRH	AX200NGW, 9560NGW
Lenovo IdeaPad S540-13API	RTL8822CE, QCNFA435, QCNFA344A
Lenovo ideapad S340-14IIL	RTL8822CE, QCNFA435, 9560NGW, 9462NGW
Lenovo IdeaPad S340-15IIL	RTL8822CE, QCNFA435, 9560NGW, 9462NGW

Table 1. Wireless modules for SAR-certified devices (continued)

Product Name	Wireless Modules
Lenovo IdeaPad S340-15IIL Touch	RTL8822CE, QCNFA435, 9560NGW, 9462NGW
Lenovo 500e Chromebook 2nd Gen	9560NGW
Lenovo 300e Chromebook 2nd Gen	9560NGW
Lenovo 100e Chromebook 2nd Gen	9560NGW
Lenovo ThinkBook 14-IML	RTL8822CE, 9560NGW, 9462NGW, AX201NGW, QCNFA435
Lenovo ThinkBook 15-IML	RTL8822CE, 9560NGW, 9462NGW, AX201NGW, QCNFA435
Lenovo IdeaPad S540-13API	RTL8822CE, QCNFA344A, QCNFA435
Lenovo ThinkBook 14-IIL	RTL8822CE, 9560NGW, 9462NGW, AX201NGW, QCNFA435
Lenovo ThinkBook 15-IIL	RTL8822CE, 9560NGW, 9462NGW, AX201NGW, QCNFA435
IdeaPad 5 15IIL05	AX201NGW, 9560NGW R, RTL8822CE
Lenovo IdeaPad 1 11IGL05	RTL8822CE, 9560NGW R, 9462NGW, QCNFA435
IdeaPad Flex 5 14IIL05	RTL8822CE, 9560NGW R, AX201NGW
IdeaPad Flex 5 14ARE05	RTL8822CE, QCNFA344A
IdeaPad Flex 5 15IIL05	RTL8822CE, 9560NGW R, AX201NGW
Lenovo Yoga 9 15IMH05	AX200NGW
IdeaPad Flex 3 11IGL05	9560NGW R, RTL8822CE
Lenovo ThinkBook Plus	AX201NGW
IdeaPad Flex 3 CB 11AST05	NFA344A
IdeaPad Flex 5 CB 13IML05	AX201NGW
IdeaPad Flex 3 11IGL05	9560NGW R, RTL8822CE
IdeaPad Flex 3 CB 11AST05	NFA344A
IdeaPad Flex 5 CB 13IML05	AX201NGW
IdeaPad Flex 3 CB 11IGL05	9560NGW R
IdeaPad 3 CB 14IGL05	9560NGW R
Yoga Slim 7 14IIL05	RTL8822CE, 9560NGW, AX201NGW
Yoga Slim 7 15IIL05	RTL8822CE, 9560NGW, AX201NGW
Yoga Slim 7 14ARE05	AX200NGW, RTL8852AE
Yoga Slim 7 15IMH05	AX201NGW
IdeaPad 5 14IIL05	AX201NGW, 9560NGW
Lenovo Ducati 5	AX201NGW

Table 1. Wireless modules for SAR-certified devices (continued)

Product Name	Wireless Modules
IdeaPad 5 14ARE05	RTL8822CE, QCNFA344A, AX200NGW
Lenovo Legion 7 15IMH05	AX201NGW
Lenovo Legion 7 15IMHg05	AX201NGW
Lenovo Legion 7 15IMHc05	AX201NGW
Lenovo Legion 7 15IMHcg05	AX201NGW
Lenovo Legion Y740S-15IMH	AX200NGW, AX201NGW
Lenovo Legion C7 15IMH05	AX201NGW
Yoga Creator 7 15IMH05	AX201NGW
IdeaPad 5 15ARE05	AX200NGW, RTL8822CE, QCNFA344A
Lenovo Legion 5 15IMH05S	AX201NGW
Lenovo Legion 5 15IMH05H	AX201NGW
Lenovo Legion 5 15IMH05	AX201NGW
Lenovo Legion 5P 15IMH05S	AX201NGW
Lenovo Legion 5P 15IMH05H	AX201NGW
Lenovo Legion 5P 15IMH05	AX201NGW
Lenovo Legion 5 15ARH05	AX200NGW, RTL8822CE
Lenovo Legion 5 15ARH05H	AX200NGW, RTL8822CE
Lenovo Legion 5 17IMH05S	AX201NGW
Lenovo Legion 5 17IMH05H	AX201NGW
Lenovo Legion 5 17IMH05	AX201NGW
IdeaPad 3 CB 11IGL05	9560NGW R
Lenovo IdeaPad S540-13ARE	AX200NGW, RTL8822CE, QCNFA344A, 9260NGW
Yoga Duet 7 13IML05	AX201D2W
Yoga Duet 7 13IML05-LTE	AX201D2W, L850-GL
IdeaPad Duet 3 10IGL05	9560D2W
IdeaPad Duet 3 10IGL05-LTE	9560D2W, L850-GL
Yoga 9 14ITL5	AX201D2W
Yoga 9 15IMH5	AX201NGW
Lenovo Legion 5P 15ARH05H	AX200NGW, RTL8822CE

Table 1. Wireless modules for SAR-certified devices (continued)

Product Name	Wireless Modules
Lenovo Legion 5 17ARH05H	AX200NGW, RTL8822CE
Yoga 6 13ARE05	AX200NGW
IdeaPad 5 14ITL05	AX201NGW, 9560NGW R, RTL8822CE
IdeaPad 5 14ITL06	AX201NGW, 9560NGW R, RTL8822CE
ThinkBook 14s Yoga ITL	9560NGW R, AX201NGW , RTL8822CE
IdeaPad 5 14ALC05	AX200NGW, RTL8822CE, QCNFA344A
Yoga Slim 9 14ITL5	AX201D2W
Lenovo ThinkBook 15p IMH	9560NGW R, AX201NGW
IdeaPad 3 CB 11AST5	NFA344A
IdeaPad Flex 3 11ADA05	NFA344A, RTL8822CE
Lenovo Legion S7 15IMH5	AX201NGW
Lenovo Legion S7 15ARH5	AX200NGW
Lenovo Legion 5P 15ARH05H	AX200NGW, RTL8822CE
Lenovo Legion 5 17ARH05H	AX200NGW, RTL8822CE
Yoga 7 14ITL5	AX201NGW, 9560NGW R, RTL8822CE
Yoga 7 15ITL5	AX201NGW, 9560NGW R, RTL8822CE
Yoga Slim 7 Pro 14ITL5	AX201NGW, RTL8822CE
Yoga Slim 7 14IIL05	RTL8822CE, 9560NGW, AX201NGW
Yoga Slim 7 15IIL05	RTL8822CE, 9560NGW, AX201NGW
Yoga Slim 7 14ARE05	RTL8822CE, QCNFA344A, AX200NGW
Yoga Slim 7 15IMH05	AX201NGW
Yoga Creator 7 15IMH05	AX201NGW
Yoga Slim 7 14ITL05	AX201NGW
Yoga Slim 7 15ITL05	AX201NGW
Thinkbook 14 G2 ITL	9560NGW R, AX201NGW, RTL8822CE, RTL8852BE
Thinkbook 15 G2 ITL	9560NGW R, AX201NGW, RTL8822CE, RTL8852BE
Thinkbook 14 G2 ARE	AX200NGW, RTL8822CE, QCNFA344A, RTL8852AE, MT7921
Thinkbook 15 G2 ARE	AX200NGW, RTL8822CE, QCNFA344A, RTL8852AE, MT7921
Yoga 6 13ARE05	AX200NGW, RTL8852AE

Table 1. Wireless modules for SAR-certified devices (continued)

Product Name	Wireless Modules
IdeaPad 5 14ITL05	AX201NGW, 9560NGW R, RTL8822CE
IdeaPad 5 15ITL05	AX201NGW, 9560NGW R, RTL8822CE
ThinkBook 14s Yoga ITL	9560NGW R, AX201NGW, RTL8822CE
IdeaPad 5 14ALC05	AX200NGW, RTL8822CE, QCNFA344A, RTL8852AE, MT7921
Yoga Slim 7 13ITL5	AX201NGW, 9560NGW, RTL8822CE
Yoga Slim 7 Carbon 13ITL5	AX201NGW, 9560NGW, RTL8822CE
Thinkbook 13s G2 ITL	9560D2W R, AX201D2W
Thinkbook 14s G2 ITL	9560D2W R, AX201D2W
Thinkbook 13s G2 ARE	9260D2WL, AX200D2WL
Thinkbook 14s G2 ARE	9260D2WL, AX200D2WL
Lenovo IdeaPad 1 11ADA05	QCNFA344A, RTL8822CE
IdeaPad Flex 5 14ITL05	AX201NGW, 9560NGW R, RTL8822CE
IdeaPad Flex 5 15ITL05	AX201NGW, 9560NGW R, RTL8822CE
IdeaPad Flex 5 14ALC05	AX200NGW, RTL8822CE, RTL8852AE, QCNFA344A, MT7921
IdeaPad Flex 5 15ALC05	AX200NGW, RTL8822CE, RTL8852AE, QCNFA344A, MT7921
Lenovo IdeaPad S540-13ITL	AX201NGW, 9560NGW R, RTL8822CE
Yoga slim 7 Pro 14ARH5	AX200NGW
Yoga Duet 7 13ITL6	AX201D2W
Yoga Slim 7 13ACN5	AX200NGW, RTL8852AE, MT7921
IdeaPad 5 Pro 14ITL6	AX201NGW, RTL8852AE, RTL8822CE, 9560NGW R
IdeaPad 5 Pro 14ACN6	AX200NGW, RTL8852AE, RTL8822CE, QCNFA344A, MT7921
IdeaPad 3 14ITL6	AX201NGW, 9560NGW R, RTL8822CE
IdeaPad 3 15ITL6	AX201NGW, 9560NGW R, RTL8822CE
IdeaPad 3 17ITL6	AX201NGW, 9560NGW R, RTL8822CE
Lenovo V14 G2 ITL	AX201NGW, 9560NGW R, RTL8822CE
Lenovo V15 G2 ITL	AX201NGW, 9560NGW R, RTL8822CE
IdeaPad 3 14ALC6	AX200NGW, QCNFA344A, RTL8822CE, RTL8852AE, MT7921
IdeaPad 3 15ALC6	AX200NGW, QCNFA344A, RTL8822CE, RTL8852AE, MT7921
IdeaPad 3 17ALC6	AX200NGW, QCNFA344A, RTL8822CE, RTL8852AE, MT7921

Table 1. Wireless modules for SAR-certified devices (continued)

Product Name	Wireless Modules
Lenovo V14 G2 ALC	QCNFA344A, RTL8822CE
Lenovo V15 G2 ALC	QCNFA344A, RTL8822CE
IdeaPad 5 Pro 14ITL6	AX201NGW, RTL8852AE, RTL8822CE, 9560NGW R
Thinkbook 14 G3 ACL	AX200NGW, RTL8822CE, QCNFA344A, RTL8852AE, MT7921, RTL8852BE
Thinkbook 15 G3 ACL	AX200NGW, RTL8822CE, QCNFA344A, RTL8852AE, MT7921, RTL8852BE
Lenovo 100e Chromebook Gen 3	AX200NGW, RTL8822CE, RTL8852AE
Lenovo 300e Chromebook Gen 3	AX200NGW, RTL8822CE, RTL8852AE
Lenovo 14e Chromebook Gen 2	AX200NGW, RTL8822CE, RTL8852AE
IdeaPad 3 Chrome 14APO6	AX200NGW, RTL8822CE
Yoga 6 13ALC6	AX200NGW, RTL8852AE, MT7921, RTL8822CE
Yoga Slim 7 Pro 14IHU5	AX201NGW, RTL8822CE
IdeaPad Slim 7 Pro 14IHU5	AX201NGW, RTL8822CE
Legion 5 15ACH6H	AX200NGW, RTL8852AE, MT7921, RTL8822CE
Legion 5 15ACH6	AX200NGW, RTL8852AE, MT7921, RTL8822CE, RTL8852BE
Legion 5 17ACH6H	AX200NGW, RTL8852AE, MT7921
Legion 5 17ACH6	AX200NGW, RTL8852AE, MT7921
Legion 5 Pro 16ACH6H	AX200NGW, RTL8852AE, MT7921
Legion 5 Pro 16ACH6	AX200NGW, RTL8852AE, MT7921
Legion 7 16ACHg6	AX200NGW, RTL8852AE, MT7921
Legion 5 15ITH6H	AX201NGW, RTL8852AE,
Legion 5 15ITH6	AX201NGW, RTL8852AE, RTL8852BE
Legion 5 17ITH6H	AX201NGW, RTL8852AE
Legion 5 17ITH6	AX201NGW, RTL8852AE
Legion 5 Pro 16ITH6H	AX201NGW, RTL8852AE
Legion 5 Pro 16ITH6	AX201NGW, RTL8852AE
Legion 7 16ITHg6	AX201NGW, RTL8852AE
Yoga Slim 7 Pro 14ACH5	AX200NGW, RTL8852AE, MT7921, RTL8822CE, RTL8852BE
Yoga Slim 7 Pro 14ACH5 O	AX200NGW, RTL8852AE, MT7921, RTL8822CE
IdeaPad 3 Chrome 14M836	QCNFA324

Table 1. Wireless modules for SAR-certified devices (continued)

Product Name	Wireless Modules
IP Flex 3 Chrome 11M836	QCNFA324
IdeaPad 5 Pro 16IHU6	AX201NGW, 9560NGW R, RTL8852AE
IdeaPad 5 Pro 16ACH6	AX200NGW, RTL8852AE, MT7921, RTL8822CE
IdeaPad Creator 5 16ACH6	AX200NGW, RTL8852AE, MT7921, RTL8822CE
IdeaPad 5 15ALC05	AX200NGW, RTL8852AE, QCNFA344A, RTL8822CE, MT7921
ThinkBook 13s G3 ACN	9260D2WL, AX200D2WL
ThinkBook Plus G2 ITG	AX201D2W
ThinkBook 14p G2 ACH	AX200NGW, RTL8852AE
ThinkBook 16p G2 ACH	AX200NGW, RTL8852AE
Legion S7 15ACH6	AX200NGW, RTL8852AE, MT7921
IP Flex 3 Chrome 11IJL6	AX201NGW, RTL8822CE
IdeaPad 5 Chrome 14ITL6, Lenovo Slim 5 Chromebook	AX201NGW
IP Flex 5 Chrome 13ITL6	AX201NGW
Lenovo V17 G2 ITL	9560NGW R, AX201NGW, RTL8822CE
Legion 5 15ACH6A	AX200NGW, RTL8852AE, MT7921
Legion 5 15IMH6	AX201NGW, RTL8852AE
Yoga Slim 7 Pro 14ACH5 D	AX200NGW, RTL8852AE, MT7921
Yoga Slim 7 Pro 14ACH5 OD	AX200NGW, RTL8852AE, MT7921
Yoga Duet 7 13ITL6-LTE	AX201D2W, L850-GL, EM05-CE
ThinkBook 14 G3 ITL	9560NGW R, AX201NGW, RTL8822CE, RTL8852BE
ThinkBook 15 G3 ITL	9560NGW R, AX201NGW, RTL8822CE, RTL8852BE
Yoga 7 14ACN6	AX200NGW, RTL8852AE, MT7921
ThinkBook 13x ITG	AX201D2W
Yoga Slim 7 Pro 14IHU5 O	AX201NGW, RTL8822CE
IdeaPad 3 Chrome 15IJL6	AX201NGW, RTL8822CE
IdeaPad 3 14ADA6	QCNFA344A, RTL8822CE
IdeaPad 3 15ADA6	QCNFA344A, RTL8822CE
IdeaPad 3 17ADA6	QCNFA344A, RTL8822CE
Yoga Slim 7 Pro 16ACH6	RTL8852AE, MT7921

Table 1. Wireless modules for SAR-certified devices (continued)

Product Name	Wireless Modules
IdeaPad Slim 7 Pro 16ACH6	RTL8852AE, MT7921
Yoga Slim 7 Carbon 14ACN6	AX210NGW, RTL8852AE, MT7921
IdeaPad Slim 7 Carbon 14ACN6	AX210NGW, RTL8852AE, MT7921
ThinkBook 15p G2 ITH	AX201NGW, RTL8852AE
IdeaPad 1 14ADA7	QCNFA344A, RTL8822CE, MT7921, RTL8852BE
IdeaPad 1 15ADA7	QCNFA344A, RTL8822CE, MT7921, RTL8852BE
IdeaPad 5 14IAL7	AX201NGW, RTL8852BE, RTL8822CE, 9560NGW R
IdeaPad 5 14ABA7	RTL8822CE, RTL8852BE, MT7921
Yoga 6 13ALC7	RTL8822CE, RTL8852BE, MT7921
ThinkBook 14 G4 IAP	9560NGW R, RTL8822CE, AX201NGW, RTL8852BE, MT7921, AX211NGW
ThinkBook 15 G4 IAP	9560NGW R, RTL8822CE, AX201NGW, RTL8852BE, MT7921, AX211NGW
ThinkBook 14 G4 ABA	RTL8822CE, RTL8852BE, RTL8852CE, MT7922A22M, MT7921
ThinkBook 15 G4 ABA	RTL8822CE, RTL8852BE, RTL8852CE, MT7922A22M, MT7921
ThinkBook 14s Yoga G2 IAP	AX201NGW, RTL8852BE, MT7921, AX211NGW
IdeaPad 5 Pro 14IAP7	9560NGW R, RTL8822CE, AX201NGW, RTL8852BE
IdeaPad 5 Pro 14ARH7	RTL8822CE, RTL8852BE, MT7921
Lenovo V14 G2 IJL	9560NGW R, RTL8822CE, AX201NGW, RTL8852AE
Lenovo V15 G2 IJL	9560NGW R, RTL8822CE, AX201NGW, RTL8852AE
Legion 5 Pro 16IAH7H	9560NGW R, RTL8822CE, AX201NGW, RTL8852AE, AX211NGW, RTL8852BE, RTL8852CE
Legion 5 Pro 16IAH7	9560NGW R, RTL8822CE, AX201NGW, RTL8852AE, AX211NGW, RTL8852BE, RTL8852CE
Legion 5 Pro 16ARH7H	MT7921, RTL8822CE, MT7922A22M, RTL8852AE, RTL8852BE, RTL8852CE
Legion 5 Pro 16ARH7	MT7921, RTL8822CE, MT7922A22M, RTL8852AE, RTL8852BE, RTL8852CE
Legion 5 15IAH7H	9560NGW R, RTL8822CE, AX201NGW, RTL8852AE, AX211NGW, RTL8852BE, RTL8852CE
Legion 5 15IAH7	9560NGW R, RTL8822CE, AX201NGW, RTL8852AE, AX211NGW, RTL8852BE, RTL8852CE
Legion 5 15ARH7H	MT7921, RTL8822CE, MT7922A22M, RTL8852AE, RTL8852BE, RTL8852CE
Legion 5 15ARH7	MT7921, RTL8822CE, MT7922A22M, RTL8852AE, RTL8852BE, RTL8852CE
Legion 7 16ARH7	MT7921, RTL8852CE, MT7922A22M, RTL8852AE, RTL8852BE

Table 1. Wireless modules for SAR-certified devices (continued)

Product Name	Wireless Modules
Legion 7 16ARHA7	MT7921, RTL8852CE, MT7922A22M, RTL8852AE, RTL8852BE
Yoga 9 14IAP7	AX211D2W
Yoga 7 14IAL7	AX211NGW, AX201NGW, RTL8852BE
Yoga 7 16IAP7	AX211NGW, AX201NGW, RTL8852BE
Yoga 7 16IAH7	AX211NGW, AX201NGW, RTL8852BE
Yoga 7 14ARB7	RTL8852BE, RTL8852CE, MT7921, MT7922A22M
Yoga Slim 9 14IAP7	AX211D2W
Lenovo Slim 9 14IAP7	AX211D2W
ThinkBook 13s G4 IAP	AX211D2W, AX201D2W, MT7922A12L
ThinkBook 13s G4 ARB	MT7922A12L, AX210D2W
ThinkBook 13x G2 IAP	AX211D2W
IdeaPad Flex 5 14IAU7	RTL8852BE, AX201NGW, 9560NGW R, RTL8822CE
IdeaPad Flex 5 16IAU7	RTL8852BE, AX201NGW, 9560NGW R, RTL8822CE
IdeaPad Flex 5 14ALC7	RTL8852BE, MT7921, RTL8822CE
IdeaPad Flex 5 16ALC7	RTL8852BE, MT7921, RTL8822CE
Lenovo Flex 7 14IAU7	AX211NGW
IP Flex 3 Chrome 15IJL7	AX201NGW, RTL8822CE
IdeaPad 5 Pro 16IAH7	RTL8852BE, RTL8822CE, AX201NGW, 9560NGW R
ThinkBook 14 G4+ IAP	MT7921, AX201NGW, RTL8852BE, AX211NGW, MT7922A22M
ThinkBook 16 G4+ IAP	MT7921, AX201NGW, RTL8852BE, AX211NGW, MT7922A22M
IdeaPad 5 Pro 16ARH7	RTL8822CE, RTL8852BE, MT7921
ThinkBook 14 G4+ ARA	RTL8852BE, MT7921, MT7922A22M, RTL8852CE
ThinkBook 16 G4+ ARA	RTL8852BE, MT7921, MT7922A22M, RTL8852CE
IdeaPad 3 14ABA7	MT7921, RTL8852BE, RTL8822CE
IdeaPad 3 15ABA7	MT7921, RTL8852BE, RTL8822CE
IdeaPad 3 17ABA7	MT7921, RTL8852BE, RTL8822CE
Lenovo V14 G3 ABA	MT7921, RTL8852BE, RTL8822CE
Lenovo V15 G3 ABA	MT7921, RTL8852BE, RTL8822CE
Yoga Slim 7 Pro 14IAP7	AX211NGW, AX201NGW, RTL8852BE

Table 1. Wireless modules for SAR-certified devices (continued)

Product Name	Wireless Modules
Lenovo Slim 7 14IAP7	AX211NGW, AX201NGW, RTL8852BE
Yoga Slim 7 Pro 14IAH7	AX211NGW, AX201NGW, RTL8852BE
Lenovo Slim 7 14IAH7	AX211NGW, AX201NGW, RTL8852BE
IdeaPad 1 14ALC7	MT7921, RTL8852BE, RTL8822CE
IdeaPad 1 15ALC7	MT7921, RTL8852BE, RTL8822CE
IP Flex 5 Chrome 14IAU7	AX211NGW
IdeaPad Flex 5 14ABA7	RTL8852BE, MT7921, RTL8822CE
IdeaPad Flex 5 16ABA7	RTL8852BE, MT7921, RTL8822CE
IdeaPad Gaming 3 15ACH6	RTL8852AE, MT7921, RTL8822CE, RTL8852BE
Yoga Slim 7 ProX 14IAH7	AX211NGW, AX201NGW, RTL8852BE
Lenovo Slim 7 ProX 14IAH7	AX211NGW, AX201NGW, RTL8852BE
Legion 7 16IAX7	AX211NGW, RTL8852BE
IdeaPad 3 14IAU7	AX201NGW, 9560NGW R, RTL8822CE, RTL8852BE
IdeaPad 3 15IAU7	AX201NGW, 9560NGW R, RTL8822CE, RTL8852BE
IdeaPad 3 17IAU7	AX201NGW, 9560NGW R, RTL8822CE, RTL8852BE
Lenovo V14 G3 IAP	AX201NGW, 9560NGW R, RTL8822CE, RTL8852BE
Lenovo V15 G3 IAP	AX201NGW, 9560NGW R, RTL8822CE, RTL8852BE
Lenovo S14 G3 IAP	AX201NGW, 9560NGW R, RTL8822CE, RTL8852BE
Lenovo S15 G3 IAP	AX201NGW, 9560NGW R, RTL8822CE, RTL8852BE
Lenovo S14 G3 ABA	MT7921, RTL8822CE, RTL8852BE
Lenovo S15 G3 ABA	MT7921, RTL8822CE, RTL8852BE
IdeaPad 5 15IAL7	AX201NGW, 9560NGW R, RTL8822CE, RTL8852BE
IdeaPad 5 15ABA7	AX201NGW, 9560NGW R, RTL8822CE, RTL8852BE
Legion S7 16IAH7	AX201NGW, RTL8852AE, RTL8852BE, AX211NGW
Legion S7 16ARHA7	RTL8852AE, RTL8852BE, MT7921, MT7922A22M
ThinkBook 14p G3 ARH	MT7921, RTL8852BE, MT7922A22M
ThinkBook 16p G3 ARH	MT7921, RTL8852BE, MT7922A22M
Yoga Slim 7 ProX 14ARH7	MT7921, RTL8852BE, MT7922A22M
Lenovo Slim 7 ProX 14ARH7	MT7921, RTL8852BE, MT7922A22M

Table 1. Wireless modules for SAR-certified devices (continued)

Product Name	Wireless Modules
Yoga Slim 7 Carbon 13IAP7	AX201NGW, AX211NGW, RTL8852BE
Lenovo Slim 7 Carbon 13IAP7	AX201NGW, AX211NGW, RTL8852BE
IdeaPad Duet 5 12IAU7	AX211D2W
ThinkBook Plus G3 IAP	AX211D2W
ThinkBook 16p NX IAP	AX211NGW, AX201NGW, RTL8852BE
ThinkBook 16p NX ARH	MT7921, RTL8852BE
Yoga Slim 7 Pro 16ARH7	RTL8822CE, MT7921, RTL8852BE
Lenovo Slim 7 16ARH7	RTL8822CE, MT7921, RTL8852BE
Yoga Slim 7 Pro 16IAH7	AX201NGW, AX211NGW
Lenovo Slim 7 16IAH7	AX201NGW, AX211NGW
Yoga Slim 7 Pro 14ARH7	MT7921, RTL8852BE, RTL8822CE
Lenovo Slim 7 14ARH7	MT7921, RTL8852BE, RTL8822CE
IP 5 Chrome 16IAU7	AX211NGW, RTL8852CE
IdeaPad 1 14AMN7	RTL8822CE, RTL8852BE, MT7921
IdeaPad 1 15AMN7	RTL8822CE, RTL8852BE, MT7921
Yoga 6 13ABR8	RTL8852BE, MT7921
Yoga Slim 6 14IAP8	AX201NGW, AX211NGW, RTL8852BE, RTL8852CE
Yoga Slim 6 14IRP8	AX201NGW, AX211NGW, RTL8852BE, RTL8852CE
IdeaPad Pro 5 14IRH8	AX203NGW, RTL8852BE, AX211NGW, RTL8852CE
IdeaPad Pro 5 14ARP8	RTL8852BE, MT7921, RTL8852CE, MT7922A22M
Lenovo Slim 7 14IRP8	AX201NGW, AX211NGW, RTL8852BE, RTL8852CE
Yoga 7 14IRL8	AX203NGW, AX211NGW
Yoga 7 16IRL8	AX203NGW, AX211NGW
Yoga Pro 7 14IRH8	AX203NGW, AX211NGW, RTL8852BE, RTL8852CE
Yoga Pro 7 14ARP8	MT7921, MT7922A22M, RTL8852BE, RTL8852CE
Lenovo Pro 7 14ARP8	MT7921, MT7922A22M, RTL8852BE, RTL8852CE
Yoga 7 14ARP8	RTL8852CE, MT7922A22M
Yoga 7 16ARP8	RTL8852CE, MT7922A22M
Yoga Slim 6 14APU8	RTL8852CE, RTL8852BE, MT7921, MT7922A22M

Table 1. Wireless modules for SAR-certified devices (continued)

Product Name	Wireless Modules
Lenovo 100e Chromebook Gen 4 (WLAN)	MT7921
Lenovo 100e Chromebook Gen 4 (WWAN)	FM101-GL
Lenovo 300e Chromebook Gen 4	MT7921
IP3 Chrome 14M868	MT7921
ThinkBook 14 G5 IRL	9560NGW R, RTL8822CE, AX203NGW, RTL8852BE, AX211NGW, RTL8852CE
ThinkBook 15 G5 IRL	9560NGW R, RTL8822CE, AX203NGW, RTL8852BE, AX211NGW, RTL8852CE
ThinkBook 14 G5 ABP	RTL8822CE, RTL8852BE, RTL8852CE, MT7921, MT7922A22M
ThinkBook 15 G5 ABP	RTL8822CE, RTL8852BE, RTL8852CE, MT7921, MT7922A22M
ThinkBook 14s Yoga G3 IRU	AX203NGW, RTL8852CE, RTL8852BE, AX211NGW
Legion Slim 5 16IRH8	AX211NGW, AX203NGW, RTL8852CE, RTL8852BE
Legion Slim 5 16APH8	MT7922A22M, MT7921, RTL8852CE, RTL8852BE
Legion Slim 5 16APH8A	MT7922A22M, MT7921, RTL8852CE, RTL8852BE
Legion S7 16IRH8	AX411NGW, AX211NGW, RTL8852CE
Legion S7 16APH8	MT7922A22M, RTL8852CE
IdeaPad Slim 5 14IRL8	AX211NGW, RTL8852CE, AX203NGW, RTL8852BE
IdeaPad Slim 5 14IAU8	AX211NGW, RTL8852CE, AX203NGW, RTL8852BE
IdeaPad Slim 5 16IRL8	AX211NGW, RTL8852CE, AX203NGW, RTL8852BE
IdeaPad Slim 5 16IAU8	AX211NGW, RTL8852CE, AX203NGW, RTL8852BE
IdeaPad Slim 5 14ABR8	MT7922A22M, RTL8852CE, MT7921, RTL8852BE
IdeaPad Slim 5 16ABR8	MT7922A22M, RTL8852CE, MT7921, RTL8852BE
Lenovo 500e Yoga Chromebook Gen 4	AX211NGW, MT7921, FM101-GL

Table 2. Wireless modules for other devices

Product Name	Wireless Modules
Lenovo V140-15IWL	QCIFA435, RTL8821CE, 9462NGW, 9560NGW R, RTL8822CE
Lenovo V340-17IWL	QCIFA435, RTL8821CE, 9462NGW
Lenovo V155-15API	QCIFA435, RTL8821CE

Table 2. Wireless modules for other devices (continued)

Product Name	Wireless Modules
Lenovo IdeaPad S145-14API	QCNFA435, RTL8822CE
Lenovo IdeaPad S145-15API	QCNFA435, RTL8822CE
Lenovo IdeaPad S145-14IKB	3165NGW, QCNFA435, RTL8822CE
Lenovo IdeaPad S145-15IKB	3165NGW, QCNFA435, RTL8822CE
Lenovo IdeaPad 340C-15IKB	3165NGW, QCNFA435, RTL8822CE
Lenovo IdeaPad S150-14 AST	RTL8822CE, QCNFA344A, QCNFA435
Lenovo V14-IKB	RTL8822CE, 3165NGW, QCNFA435
Lenovo V15-IKB	RTL8822CE, 3165NGW, QCNFA435
Lenovo IdeaPad S145-14IIL	RTL8822CE, 9462NGW, QCNFA435
Lenovo IdeaPad S145-15IIL	RTL8822CE, 9462NGW, QCNFA435
Lenovo V14-IIL	RTL8822CE, 9462NGW, QCNFA435, 9560NGW R
Lenovo V15-IIL	RTL8822CE, 9462NGW, QCNFA435, 9560NGW R
IdeaPad L3 15IML05	RTL8822CE, 9560NGW R
IdeaPad 3 14IML05	9560NGW R, AX201NGW, RTL8822CE
IdeaPad 3 15IML05	9560NGW R, AX201NGW, RTL8822CE
IdeaPad 3 17IML05	9560NGW R, AX201NGW, RTL8822CE
IdeaPad 3 14ADA05	RTL8822CE, QCNFA344A
IdeaPad 3 15ADA05	RTL8822CE, QCNFA344A
IdeaPad 3 17ADA05	RTL8822CE, QCNFA344A
IdeaPad 3 14IIL05	9560NGW R, AX201NGW, RTL8822CE
IdeaPad 3 15IIL05	9560NGW R, AX201NGW, RTL8822CE
IdeaPad 3 14IGL05	9560NGW R, RTL8822CE
IdeaPad 3 15IGL05	9560NGW R, RTL8822CE
IdeaPad 3 14ARE05	RTL8822CE, QCNFA344A
IdeaPad 3 15ARE05	RTL8822CE, QCNFA344A
IdeaPad 3 17ARE05	RTL8822CE, QCNFA344A
Lenovo V14-ADA	RTL8822CE, QCNFA344A
Lenovo V15-ADA	RTL8822CE, QCNFA344A
Lenovo V14-IGL	9560NGW R, RTL8822CE

Table 2. Wireless modules for other devices (continued)

Lenovo V15-IGL	9560NGW R, RTL8822CE
Lenovo V14-ARE	RTL8822CE, QCNFA344A
Lenovo V17-IML	9560NGW R, AX201NGW, RTL8822CE
Lenovo V14-IWL	RTL8821CE, 9462NGW, QCNFA435, 9560NGW R, RTL8822CE
Lenovo V15-IWL	RTL8821CE, 9462NGW, QCNFA435, 9560NGW R, RTL8822CE
Lenovo IdeaPad 1 14IGL05	RTL8822CE, 9560NGW R, 9462NGW, QCNFA435
Lenovo IdeaPad 1 14ADA05	QCNFA344A, RTL8822CE
Lenovo E41-45	RTL8822CE, QCNFA435
IdeaPad 3 14IKB05	8265NGW, RTL8822CE
IdeaPad 3 15IKB05	8265NGW, RTL8822CE
IdeaPad 3 17IKB05	8265NGW, RTL8822CE
IdeaPad Gaming 3 15IMH05	AX201NGW ,9560NGW R ,RTL8822CE
IdeaPad Creator 5 15IMH05	AX201NGW ,9560NGW R ,RTL8822CE
IdeaPad Gaming 3 15ARH05	RTL8822CE,QCNFA344A
IdeaPad Creator 5 15ARH05	RTL8822CE,QCNFA344A
IdeaPad 3 17IIL05	9560NGW R, AX201NGW, RTL8822CE
Lenovo IdeaPad Slim 1-14AST-05	RTL8822CE, QCNFA435, QCNFA344A
Lenovo V17-IIL	9560NGW R, AX201NGW, RTL8822CE
Lenovo E41-55	RTL8822CE, 9260NGW, MT7921, RTL8852BE
Lenovo E41-50	9560NGW R
IdeaPad L3 15ITL6	9560NGW R, RTL8822CE
IdeaPad 3 14ITL05	AX201NGW, 9560NGW R, RTL8822CE
IdeaPad 3 15ITL05	AX201NGW, 9560NGW R, RTL8822CE
Lenovo V14 G1 IML	AX201NGW, 9560NGW R, RTL8822CE
Lenovo V15 G1 IML	AX201NGW, 9560NGW R, RTL8822CE
Lenovo E41-50	9560NGW R
IdeaPad Gaming 3 15ITH6	AX201NGW, RTL8852AE
IdeaPad Gaming 3 15ACH6	AX200NGW, RTL8852AE, MT7921, RTL8822CE
Lenovo S14 G2 ITL	9560NGW R, RTL8822CE, AX201NGW, AX201NGW, RTL8852AE, MT7921
Lenovo S14 G2 ALC	QCNFA344A, RTL8822CE, AX200NGW, RTL8852AE, MT7921

Table 2. Wireless modules for other devices (continued)

Lenovo S15 G2 ITL	9560NGW R, RTL8822CE, AX201NGW, RTL8852AE, MT7921
Lenovo S15 G2 ALC	QCNFA344A, RTL8822CE, AX200NGW, RTL8852AE, MT7921
IdeaPad Gaming 3 15IAH7	AX201NGW, RTL8852BE, RTL8822CE, 9560NGW R
IdeaPad Gaming 3 16IAH7	AX201NGW, RTL8852BE, RTL8822CE, 9560NGW R
IdeaPad Gaming 3 15ARH7	RTL8852BE, RTL8822CE, MT7921
IdeaPad Gaming 3 16ARH7	RTL8852BE, RTL8822CE, MT7921
IdeaPad 1 14IJL7	9560NGW R, RTL8822CE
IdeaPad 1 15IJL7	9560NGW R, RTL8822CE
IdeaPad 1 14IAU7	AX201NGW, 9560NGW R, RTL8822CE, RTL8852BE
IdeaPad 1 15IAU7	AX201NGW, 9560NGW R, RTL8822CE, RTL8852BE
IdeaPad 1 14IGL7	MT7921, 9560NGW R, RTL8822CE, RTL8852BE
IdeaPad 1 15IGL7	MT7921, 9560NGW R, RTL8822CE, RTL8852BE
IdeaPad Gaming 3 15IRH8	AX203NGW, RTL8852BE
IdeaPad Gaming 3 16IRH8	AX203NGW, RTL8852BE
IdeaPad Gaming 3 15APH8	MT7921, RTL8852BE
IdeaPad Gaming 3 15APH8A	MT7921, RTL8852BE
IdeaPad Gaming 3 16APH8	MT7921, RTL8852BE

Chapter 1. Notice for users in USA and Canada

Note: The statements below regarding FCC are only valid for products that are shipped to the United States.

Read this document before using your computer. This computer complies with the radio frequency and safety standards of any country or region in which it has been approved for wireless use. Install and use your computer according to the following instructions.

The latest Regulatory Notice manual is available on the Lenovo Web site. To download the manual, go to <http://www.lenovo.com/support> and then follow the on-screen instructions.

Lisez ce document avant d'utiliser votre ordinateur. Cet ordinateur est conforme aux normes de fréquence radioélectrique et de sécurité du pays ou de la région où son utilisation sans fil est autorisée. Installez et utilisez votre ordinateur en vous conformant aux instructions ci-dessous.

La dernière version du manuel Regulatory Notice est disponible sur le site Web de Lenovo. Pour télécharger le document, rendez-vous sur <http://www.lenovo.com/support> et suivez les instructions à l'écran.

Approved wireless devices

This system contains the following wireless devices and underwent the certification process of FCC CFR 47 Part 2 section 1093, Part 15 Subpart C and Subpart E, Part 27, Part 22 Subpart H, Part 24 Subpart E, and Part 90 under each respective FCC ID below.

Preinstalled wireless LAN/wireless WAN modules with Bluetooth function

- FCC ID: PD97265NGU (Model: 7265NGW)
- FCC ID: PD93165NGU (Model: 3165NGW)
- FCC ID: PD98265NG (Model: 8265NGW)
- FCC ID: PPD-QCNFA435 (Model: QCNFA435)
- FCC ID: PPD-QCNFA364AH (Model: QCNFA364)
- FCC ID: PPD-QCNFA344AH (Model: QCNFA344A)
- FCC ID: TX2-RTL8821CE (Model: RTL8821CE)
- FCC ID: TX2-RTL8822BE (Model: RTL8822BE)
- FCC ID: PD99260NG (Model: 9260NGW)
- FCC ID: PD99560NG (Model: 9560NGW)
- FCC ID: PD99462NG (Model: 9462NGW)
- FCC ID: TX2-RTL8822CE (Model: RTL8822CE)
- FCC ID: PD99560D2 (Model: 9560D2W)
- FCC ID: PD9AX200NG (Model: AX200NGW)
- FCC ID: PD9AX201NG (Model: AX201NGW)
- FCC ID: PD9AX201D2 (Model: AX201D2W)
- FCC ID: ZMOL850GL (Model: L850-GL)
- FCC ID: O57AX200NGW (Model: AX200NGW (Lenovo))
- FCC ID: PD99560NG (Model: 9560NGW R)
- FCC ID: O57IPS540A13 (for Lenovo IdeaPad S540-13ARE when using 9260NGW)

- FCC ID: TX2-RTL8852AE (Model: RTL8852AE)
- FCC ID: PPD-QCNFA324 (Model: QCNFA324)
- FCC ID: RAS-MT7921 (Model: MT7921)
- FCC ID: PD99260D2L (Model: 9260D2WL)
- FCC ID: PD9AX200D2L (Model: AX200D2WL)
- FCC ID: PD9AX210NG (Model: AX210NGW)
- FCC ID: RAS-MT7922A22M (Model: MT7922A22M)
- FCC ID: TX2-RTL8852BE (Model: RTL8852BE)
- FCC ID: PD9AX210D2 (Model: AX210D2W)
- FCC ID: PD9AX211D2 (Model: AX211D2W)
- FCC ID: PD9AX211NG (Model: AX211NGW)
- FCC ID: RAS-MT7922A12L (Model: MT7922A12L)
- FCC ID: PD9AX203NG (Model: AX203NGW)
- FCC ID: ZMOFM101GL (Model: FM101-GL)
- FCC ID: PD9AX411NG (Model: AX411NGW)

Notes:

- The wireless LAN, the Bluetooth, and the WiGig features operate at different frequencies exclusively, and transmit radio frequencies simultaneously.
- The following wireless LAN modules marketed in the USA and Canada do not support or function in the extended channels (12ch, 13ch):
 - Model: QCNFA435

Preinstalled wireless LAN module

The wireless LAN module in your computer is preinstalled by Lenovo®, and you are prohibited to replace with other wireless adapter or remove it. If the device requires replacement due to some problem during warranty, it must be serviced by a Lenovo authorized servicer.

1. FCC RF exposure compliance

The radiated output power of the wireless LAN module authorized to use for your computer is far below the FCC radio frequency exposure limits. Nevertheless, it shall be used in such a manner that the potential for human contact during normal operation is minimized as follows:

CAUTION:

The total radiated energy from the antennas connected to the installed wireless LAN module, conforms to the FCC limit of the SAR (Specific Absorption Rate) requirement, regarding 47 CFR Part 2 section 1093, when the computer was tested in either conventional notebook or tablet computer orientations.

The transmission antennas for the wireless LAN module are located in the LCD cover. See the *User Guide* for the location of the antennas.

2. Radio Frequency interference requirements

Each device has been tested and found to comply with the limits for a Class B digital device pursuant to FCC Part 15 Subpart B. Refer to “Electronic emission notices” on page 7.

When you use a wireless LAN module in the 802.11 a/n transmission mode, note that high power radars are allocated as primary users of the 5250 to 5350 MHz and 5650 to 5850 MHz bands. These radar stations can cause interference with and/or damage this device.

Simultaneous use of RF transmitters

Your computer is approved for simultaneous use of one of the approved wireless LAN modules, the approved wireless WAN module, and the approved NFC module.

Make sure of the following conditions when you use any other external RF option device:

- When you use any other RF option device, you are requested to confirm that the device conforms to the RF Safety requirement and is approved to use for your computer.
- You must follow the RF Safety instructions of the RF option device that are included in the user manual of the RF option device.
- If the RF option device is prohibited to use in conjunction with another transmitters, you must turn off all other wireless features in your computer.

Canada — Industry Canada (IC)

Approved wireless devices

This system contains the following wireless devices and the IC certification number is as below. The IC certification number is indicated on the bottom cover of your system.

Preinstalled wireless LAN/wireless WAN modules with Bluetooth function

- IC: 1000M-7265NG (Model: 7265NGW)
- IC: 1000M-3165NG (Model: 3165NGW)
- IC: 1000M-8265NG (Model: 8265NGW)
- IC: 4104A-QCNFA435 (Model: QCNFA435)
- IC: 4104A-QCNFA364A (Model: QCNFA364)
- IC: 4104A-QCNFA344A (Model: QCNFA344A)
- IC: 6317A-RTL8821CE (Model: RTL8821CE)
- IC: 6317A-RTL8822BE (Model: RTL8822BE)
- IC: 1000M-9260NG (Model: 9260NGW)
- IC: 1000M-9560NG (Model: 9560NGW)
- IC: 1000M-9462NG (Model: 9462NGW)
- IC: 6317A-RTL8822CE (Model: RTL8822CE)
- IC: 1000M-9560D2 (Model: 9560D2W)
- IC: 1000M-AX200NG (Model: AX200NGW)
- IC: 1000M-AX201NG (Model: AX201NGW)
- IC: 1000M-AX201D2 (Model: AX201D2W)
- IC: 21374-L850-GL (Model: L850-GL)
- IC: 10407A-AX200NGW (Model: AX200NGW (Lenovo))
- IC: 1000M-9560NG (Model: 9560NGW R)
- IC: 10407A-IPS540A13 (for Lenovo IdeaPad S540-13ARE when using 9260NGW)
- IC: 6317A-RTL8852AE (Model: RTL8852AE)
- IC: 4104A-QCNFA324 (Model: QCNFA324)

- IC: 7542A-MT7921 (Model: MT7921)
- IC: 1000M-9260D2L (Model: 9260D2WL)
- IC: 1000M-AX200D2L (Model: AX200D2WL)
- IC: 1000M-AX210NG (Model: AX210NGW)
- IC: 7542A-MT7922A22M (Model: MT7922A22M)
- IC: 6317A-RTL8852BE (Model: RTL8852BE)
- IC: 1000M-AX210D2 (Model: AX210D2W)
- IC: 1000M-AX211D2 (Model: AX211D2W)
- IC: 1000M-AX211NG (Model: AX211NGW)
- IC: 1000M-AX203NG (Model: AX203NGW)
- IC: 7542A-MT7922A12L (Model: MT7922A12L)
- IC: 1000M-AX411NG (Model: AX411NGW)
-

Notes:

- The wireless LAN, the Bluetooth, and the WiGig features operate at different frequencies exclusively, and transmit radio frequencies simultaneously.
- The following wireless LAN modules marketed in the USA and Canada do not support or function in the extended channels (12ch, 13ch):
 - Model: QCNFA435

Preinstalled wireless LAN module

The IC Certification number for the wireless LAN module is shown on the enclosure of your computer. For the location of the IC Certification number, see the *User Guide*.

Attention: The wireless LAN module in your computer is preinstalled by Lenovo, and you are prohibited to replace with other wireless adapter nor remove it. If the device requires replacement due to some problem during warranty, it must be serviced by a Lenovo authorized servicer.

Low power license-exempt radiocommunication devices (RSS-210, RSS-247)

Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

When you use a wireless LAN module in the 802.11 a/n transmission mode, note the following:

- The devices for the band 5150–5350 MHz are only for indoor usage to reduce potential for harmful interference to co-channel Mobile Satellite systems
- The devices for the band 5150–5350 MHz are only for indoor usage to reduce potential for harmful interference to co-channel Mobile Satellite systems
- High power radars are allocated as primary users (meaning they have priority) of 5250–5350 MHz and 5650–5850 MHz and these radars could cause interference and/or damage to LE-LAN (Licence-Exempt Local Area Network) devices.
- The maximum antenna gain permitted for devices in the 5250-5350 MHz, 5470-5725 MHz, and 5725-5825 MHz bands complies with the e.i.r.p. limit.

Exposure of humans to RF fields (RSS-102)

The computers employ low gain integral antennas that do not emit RF field in excess of Health Canada limits for the general population; consult Safety Code 6, obtainable from Health Canada's Web site at <http://www.hc-sc.gc.ca/>.

The radiated energy from the antennas connected to the wireless modules conforms to the Canada Portable RF exposure limit regarding IC RSS-102, Issue 5, Section 4, set forth for an uncontrolled environment, and are safe for intended operation in the conventional setting. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

Canada – Industrie Canada (IC)

Périphériques sans fil homologués

Ce système contient les périphériques sans fil suivants et le numéro d'homologation IC indiqué ci-dessous.

Modules de réseau local sans fil avec fonction Bluetooth préinstallés

- IC: 1000M-7265NG (modèle: 7265NGW)
- IC: 1000M-3165NG (modèle: 3165NGW)
- IC: 1000M-8265NG (modèle: 8265NGW)
- IC: 4104A-QCNFA435 (modèle: QCNFA435)
- IC: 4104A-QCNFA364A (modèle: QCNFA364)
- IC: 4104A-QCNFA344A (modèle: QCNFA344A)
- IC: 6317A-RTL8821CE (modèle: RTL8821CE)
- IC: 6317A-RTL8822BE (modèle: RTL8822BE)
- IC: 1000M-9260NG (modèle: 9260NGW)
- IC: 1000M-9560NG (modèle: 9560NGW)
- IC: 1000M-9462NG (modèle: 9462NGW)
- IC: 6317A-RTL8822CE (modèle: RTL8822CE)
- IC: 1000M-9560D2 (modèle: 9560D2W)
- IC: 1000M-AX200NG (modèle: AX200NGW)
- IC: 1000M-AX201NG (modèle: AX201NGW)
- IC: 1000M-AX201D2 (modèle: AX201D2W)
- IC: 21374-L850-GL (modèle: L850-GL)
- IC: 10407A-AX200NGW (modèle: AX200NGW (Lenovo))
- IC: 1000M-9560NG (modèle: 9560NGW R)
- IC: 10407A-IPS540A13 (Lenovo IdeaPad S540-13ARE, modèle: 9260NGW)
- IC: 6317A-RTL8852AE (modèle: RTL8852AE)
- IC: 4104A-QCNFA324 (modèle: QCNFA324)
- IC: 7542A-MT7921 (modèle: MT7921)
- IC: 1000M-9260D2L (modèle: 9260D2WL)
- IC: 1000M-AX200D2L (modèle: AX200D2WL)
- IC: 1000M-AX210NG (modèle: AX210NGW)

- IC: 7542A-MT7922A22M (modèle: MT7922A22M)
- IC: 6317A-RTL8852BE (modèle: RTL8852BE)
- IC: 1000M-AX210D2 (modèle: AX210D2W)
- IC: 1000M-AX211D2 (modèle: AX211D2W)
- IC: 1000M-AX211NG (modèle: AX211NGW)
- IC: 1000M-AX203NG (modèle: AX203NGW)
- IC: 7542A-MT7922A12L (modèle: MT7922A12L)
- IC 21374-FM101GL (modèle: FM101-GL)
- IC: 1000M-AX411NG (modèle: AX411NGW)

Notes:

- Les fonctions de réseau local sans fil, Bluetooth et WiGig sont opérationnelles à des fréquences différentes exclusivement et émettent des fréquences radio simultanément.
- Les modules de réseau local sans fil suivants commercialisés aux États-Unis et au Canada ne prennent pas en charge les canaux étendus (12ch, 13ch):
 - Modèle: QCNFA435

Module réseau local sans fil préinstallé

Le numéro de certification IC correspondant au module de réseau local sans fil figure sur le boîtier de votre ordinateur. Pour connaître l'emplacement du numéro de certification IC, reportez-vous à le *guide d'utilisation*.

Attention: Le module réseau local sans fil est préinstallé sur votre ordinateur par Lenovo et il est interdit au client de le remplacer par un autre adaptateur sans fil ou de le supprimer. Si le périphérique doit être remplacé à cause d'un problème survenu pendant la période de garantie, l'opération doit être effectuée par un technicien agréé Lenovo.

Appareils de radio-communication basse tension sans licence d'utilisation (CNR-210, CNR-247)

Le fonctionnement de ce type d'appareil est soumis aux deux conditions suivantes:

1. Cet appareil ne peut pas causer de perturbations électromagnétiques.
2. Cet appareil doit accepter toutes les perturbations reçues, y compris celles susceptibles d'occasionner un fonctionnement indésirable.

Lorsque vous utilisez un module de réseau local sans fil dans le mode de transmission 802.11 a/n, tenez compte des remarques suivantes:

- Les appareils destinés à la bande 5150–5350 MHz devront être exclusivement utilisés en intérieur afin de réduire les risques de perturbations électromagnétiques gênantes sur les systèmes de satellite mobile dans un même canal. otential for harmful interference to co-channel Mobile Satellite systems
- Les radars à forte puissance sont désignés comme les utilisateurs principaux (c'est-à-dire qu'ils sont prioritaires) des bandes 5250-5350 MHz et 5650-5850 MHz. Ils peuvent provoquer des perturbations électromagnétiques sur les appareils de type LE-LAN (réseau de communication local sans licence) ou les endommager.
- Le gain d'antenne maximal autorisé pour les appareils dans les bandes de fréquence 5250-5350 MHz, 5470-5725 MHz et 5725-5825 MHz est conforme à la limite p.i.r.e (puissance isotrope rayonnée équivalente).

Conformité des appareils de radiocommunication aux limites d'exposition humaine aux radiofréquences (CNR-102)

Les ordinateurs utilisent des antennes intégrées à faible gain qui n'émettent pas un champ électromagnétique supérieur aux normes imposées par Santé Canada pour la population. Consultez le Code de sécurité 6 sur le site Web de Santé Canada à l'adresse <http://www.hc-sc.gc.ca/>.

L'énergie émise par les antennes reliées aux modules sans fil respecte la limite d'exposition aux radiofréquences émises par les appareils portables au Canada telle que définie par Industrie Canada dans la section 4 du document CNR-102, version 5 pour un environnement non contrôlé et permet d'affecter sans danger le produit à l'usage auquel il est destiné. La réduction de l'exposition aux radiofréquences est possible si le produit peut être conservé aussi loin que possible du corps de l'utilisateur ou en définissant une puissance de sortie plus faible si une telle fonction est disponible.

Location of the FCC ID and IC ID

If you purchased your computer in the United States or Canada, and the computer includes factory-preinstalled wireless modules, a piece of text containing identification strings for these modules (FCC ID and IC ID) is visible on the computer's bottom cover. The text may either be laser etched on the bottom cover or on a physical label affixed to it. To obtain the FCC ID or IC ID for the factory-preinstalled wireless module, check the bottom cover for strings directly after "FCC ID" or "IC ID".

Electronic emission notices

Federal Communications Commission (FCC) Declaration of Conformity

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult an authorized dealer or service representative for help.

Lenovo is not responsible for any radio or television interference caused by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

Responsible Party:

Lenovo (United States) Incorporated
1009 Think Place-Building One
Morrisville, NC 27560

Email address: FCC@lenovo.com



Usage environment and your health

The wireless device installed in the computer operates within the guidelines identified by radio frequency (RF) safety standards and recommendations; therefore, Lenovo believes this product is safe for use by consumers. These standards and recommendations reflect the consensus of the worldwide scientific community, and result from deliberations of panels and committees of scientists, who continually review and interpret the extensive research literature.

In some situations or environments, the use of wireless devices might be restricted by the proprietor of a building or responsible representatives of an organization. For example, these situations and areas might include the following:

- On board of airplanes, in hospitals, or near petrol stations, blasting areas (with electro-explosive devices), medical implants, or body-worn electronic medical devices, such as pace makers.
- In any other environment where the risk of interference to other devices or services is perceived or identified as harmful.

If you are uncertain of the policy that applies to the use of wireless devices in a specific area (such as an airport or hospital), you are encouraged to ask for authorization to use a wireless device prior to turning on the computer.