

Date: August 21, 2018

FCC Class II Permissive Change

We, **Lenovo (Shanghai) Electronics Technology Co., Ltd** hereby declare that the intention of this Class II Permissive Change is to **add a host: Notebook Computer** (Model: **Lenovo YOGA C630-13Q50*******, **81JL*******, **(*=0~9, A~Z, a~z, “-“ or blank, for marketing use only, with no impact on RF compliance of the product)** / Brand: **Lenovo**) to the certified module which was originally granted on **08/15/2018** under FCC ID: **O57T77W980**. The antenna differences from the original module is listed in the Appendix A along with this letter.

The module mentioned above has been approved and is electronically and mechanically identical to the original instructions and requirements. Therefore, we, **Lenovo (Shanghai) Electronics Technology Co., Ltd**, take the responsibility to ensure each module complied with all requirements after integration in the host.

Should you have any comments, please have my best attention. Thank you.

Sincerely Yours,



Spring Zhou / Product Certification Engineer
Lenovo (Shanghai) Electronics Technology Co., Ltd

Tel: +86-18116118237

Fax: +86-21-50504500

E-mail: zhoub1@lenovo.com

Lenovo (Shanghai) Electronics Technology Co., Ltd
 NO.68 BUILDING, 199 FENJU RD,
 Pilot Free Trade Zone,
 Shanghai 200131
 China

Appendix A:

Original Antenna List-

Antenna No.	Antenna Gain(dBi)	Frequency range (MHz)	Antenna Type	Connector Type	Cable Length
1	Please refer to below table	699~803	PIFA	i-pex(MHF)	100mm
2	Please refer to below table	791~960 1447.9~1606	PIFA	i-pex(MHF)	100mm
3	Please refer to below table	1710~2170 2500~2690	PIFA	i-pex(MHF)	100mm
4	Please refer to below table	5110~5925 (for LAA RX)	PIFA	i-pex(MHF)	100mm
5	Please refer to below table	2305~2315	Dipole	i-pex(MHF)	80mm

Antenna gain list			
Antenna No.	Band	Freq. Range (MHz)	Gain (dBi)
3	WCDMA II (B2)	1850~1910	4.92
3	WCDMA IV (B4)	1710~1755	5.99
2	WCDMA V (B5)	824~849	2.68
3	LTE Band (2)	1850~1910	4.92
3	LTE Band (4)	1710~1755	5.99
2	LTE Band (5)	824~849	2.68
3	LTE Band (7)	2500~2570	5.2
1	LTE Band (12)	698~716	4.17
1	LTE Band (13)	777~787	3.05
1	LTE Band (14)	788~798	2.87
1	LTE Band (17)	704~716	4.17
3	LTE Band (25)	1850~1915	4.92
2	LTE Band (26)	814~849	2.92
5	LTE Band (30)	2305~2315	3.02
3	LTE Band (38)	2570~2620	4.82
3	LTE Band (41)	2496~2690	5.38
3	LTE Band (66)	1710~1780	5.99
1	LTE Band (71)	663~698	3.83

Antenna List used for the Host Device-

Antenna Type	PIFA
Band/ Gain(dBi)	-
WCDMA (B2)	NB:0.15/ TB:-4.24
WCDMA (B4)	NB:1.89/ TB:-0.38
WCDMA (B5)	NB:-0.62/ TB:-6.37
LTE Band (2)	NB:0.15/ TB:-4.24
LTE Band (4)	NB:1.89/TB:-0.38
LTE Band (5)	NB:-0.62/TB:-6.37
LTE Band (7)	NB:1.99/ TB:1.77
LTE Band (12)	NB:1.69/ TB:-3.40
LTE Band (13)	NB:0.95/ TB:-4.02
LTE Band (14)	NB:-0.55/ TB:-4.02
LTE Band (17)	NB:1.34/ TB:-4.32
LTE Band (25)	NB:0.15/ TB:-4.24
LTE Band (26)	NB:-0.62/ TB:-5.65
LTE Band (30)	NB:-1.34/ TB:-4.23
LTE Band (66)	NB:1.89/ TB:-0.38
T-LTE Band (38)	NB:1.75/ TB:-0.53
T-LTE Band (41)	NB:1.99/ TB:1.77

NOTE 1: LTE B71 is disabled by SW in the host device.

NOTE 2: CA 38C is disabled by SW in the host device.