

Description of Permissive Change

The application is preparing for FCC Class II Permissive Change that adding a certified module (FCC ID: MSQAX201D2; NII/DTS/DSS Grant issued date: 03/21/2019) into a new Notebook PC (Model: CX1102CKA, CX1102FKA, CX1102CK, CB1102CK, CX1102FK, CB1102FK; Brand: ASUS)

Brand	Model	Difference
ASUS	CX1102CKA (Main Model)	All models are electrically identical, different model names are for marketing purpose.
	CX1102FKA (Series Model)	
	CX1102CK (Series Model)	
	CB1102CK (Series Model)	
	CX1102FK (Series Model)	
	CB1102FK (Series Model)	

The antenna information is listed as below.

Ant. Type	Brand	Model				
PIFA	INPAQ	Main: WA-P-LBLB-04-103 / Aux.: WA-P-LBLB-04-103				
Antenna Peak Gain (dBi)						
Ant.	BT	2400-2500MHz	5150-5250MHz	5250-5350MHz	5470-5725MHz	5725-5850MHz
Tablet Mode						
Main	-	1.51	2.42	2.22	2.72	2.61
Aux.	0.74	0.74	0.76	0.72	1.00	0.83
Laptop Mode						
Main	-	2.73	2.68	2.94	2.87	2.95
Aux.	2.63	2.63	2.41	1.84	0.54	1.93

Ant. Type	Brand	Model				
PIFA	Pulse	Main: TZ23050 / Aux.: TZ23050				
Antenna Peak Gain (dBi)						
Ant.	BT	2400-2500MHz	5150-5250MHz	5250-5350MHz	5470-5725MHz	5725-5850MHz
Tablet Mode						
Main	-	0.92	2.13	2.18	2.20	2.53
Aux.	0.29	0.29	0.68	0.65	0.94	0.77
Laptop Mode						
Main	-	1.86	1.55	1.38	2.58	2.78
Aux.	2.43	2.43	1.81	1.81	0.52	1.70

FCC ID: MSQAX201D2

The modules mentioned above has been approved and is electronically and mechanically identical to the original instructions and requirements.

Except for the changes mentioned above, no other modification is performed.

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