

Date: 11/17/2022

Description of Permissive Change

The application is preparing for FCC Class II Permissive Change that adding a certified module (FCC ID: B94-RTL8852BER; Original DSS/DTS Grant issued date: 01/06/2022, Original NII Grant issued date: 10/20/2022) into a new Notebook PC (Model: TPN-Q217)

The antenna information is listed as below.

2 Tx SKU							
Antenna information			Peak gain w/ cable loss (dBi)				
Vendor	Type	Antenna Part number (Main)	2.4GHz 2400-2500MHz	5.2&5.3GHz 5150-5350MHz	5.6GHz 5470-5725MHz	5.8GHz 5725-5850MHz	5.9GHz 5850-5895MHz
		Antenna Part number (Aux)					
Vendor 1	PIFA	DQ60ACQD021 (0ACQD018012N)	1.03	-1.48	-0.93	-1.14	-1.88
		DQ60ACQD021 (0ACQD018012N)	1.35	-1.84	-1.68	-1.54	-1.24
Vendor 2	PIFA	DQ6415GHA00 (81EAA415.GHA)	2.46	1.43	1.55	1.37	1.71
		DQ6415GHA00 (81EAA415.GHA)	2.27	0.44	0.41	0.59	0.91
Vendor 3	PIFA	DQ6LB020700 (WA-P-LBLB-02-070)	2.44	2.95	2.63	2.98	2.32
		DQ6LB020700 (WA-P-LBLB-02-070)	2.46	2.97	2.65	2.91	2.34

1 Tx SKU							
Antenna information			Peak gain w/ cable loss (dBi)				
Vendor	Type	Antenna Part number (Main)	2.4GHz 2400-2500MHz	5.2&5.3GHz 5150-5350MHz	5.6GHz 5470-5725MHz	5.8GHz 5725-5850MHz	5.9GHz 5850-5895MHz
		Antenna Part number (Aux)					
Vendor 1	PIFA	DQ60ACQD020 (0ACQD018016N)	0.9	-1.38	-0.71	-1.2	-1.9
Vendor 2	PIFA	DQ6415GHB00 (81EAA415.GHB)	2.36	1.40	1.35	1.35	1.37
Vendor 3	PIFA	DQ6LBLE0202 (WA-P-LB-02-595)	2.53	2.54	2.97	2.97	2.54

The modules mentioned above has been approved and is electronically and mechanically identical to the original instructions and requirements. The antennas installed inside the host product are of the same type as that approved in the original application but with lower gain. There is no change to original software security description. Except for the changes mentioned above, no other modification is performed.



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