



Referencing Test Data Attestation Letter

Date: December 14, 2023

Dear Examiner

We, Askey Computer Corporation, declare that the device references the data the following:

Reference Device	Variant Device:	Key Difference:
FCC ID: H8N-ASK-NCM1100	FCC ID: H8N-ASK-NCM1100E	1. Removing Bluetooth components. 2. Adding external dipole antennas for 4GLTE & 5GNR, when using the external antenna, the internal monopole antennas are disabled. 3. Replacing one ethernet chip RTL8221B-VB-CG (U1201) by RTL8366U to transmit and receive Ethernet packets over RJ45 cable without changing the PCB layout and the product form factors.

The referenced device of the above has been granted by FCC. The purpose of this application is to apply the above variant FCC ID via reusing radio parameter test data from the original device per KDB484596 D01.

WLAN 2.4GHz

FCC Rules	Description Of Test	Data Referencing	Test report number: TERF2310002501E2
§15.207(a)	AC Power Line Conducted Emission	N	Fully tested for changing I/O interfaces
§15.247(b) (3)	Peak Output Power	Y	Fully leveraged with Spot check worst-case scenarios to demonstrate compliance.
§15.247(a)(2)	Emission Bandwidth	Y	Fully leveraged
§15.205 §15.209 §15.247(d)	Radiated & Conducted Band Edge and Spurious Emission	Y	Fully leveraged with Spot check worst-case scenarios to demonstrate compliance
§15.247(e)	Power Spectral Density	Y	Fully leveraged

WLAN 5GHz

FCC Rules	Description Of Test	Data Referencing	Test report number: TERF2310002502E2
§15.207	AC Power Line Conducted Emission	N	Fully tested for changing I/O interfaces
§15.407(e)	Emission Bandwidth	Y	Fully leveraged
§15.407(a)	Maximum Conducted Output Power	Y	Fully leveraged with Spot check worst-case scenarios to demonstrate compliance
§15.407(a)	Power Spectral Density	Y	Fully leveraged

§15.205 §15.209 §15.407(b)	Undesirable Radiated Emissions	Y	Fully leveraged with Spot check worst-case scenarios to demonstrate compliance
§15.407(c)	Transmission in case of Absence of Information	N	Verifying to demonstrate compliance

DFS Master

FCC Rules	Description Of Test	Data Referencing	Test report number: TERF2310002504E2
§15.407(h) FCC KDB 905462 D02	TPC and DFS Measurement	Y	Fully leveraged with Spot check 10 trials for the widest BW mode of each radar waveform.

WLAN 6GHz

FCC Rules	Description Of Test	Data Referencing	Test report number: TERF2310002503E2
§15.207	AC Power Line Conducted Emission	N	Fully tested for changing I/O interfaces
§15.407 (a)(10) §2.1049	Emission Bandwidth	Y	Fully leveraged
§15.407(a)(4~8)	Maximum Conducted Output Power	Y	Fully leveraged with Spot check worst-case scenarios to demonstrate compliance.
§15.407(a)(4~8)	Power Spectral Density	Y	Fully leveraged
§15.407(b)(6)	In-band emission	Y	Fully leveraged
§15.205 §15.209 §15.407(b)(5),(b)(8),(b)(9)	Undesirable Radiated Emissions	Y	Fully leveraged with Spot check worst-case scenarios to demonstrate compliance
§15.407(d)(6)	contention-based protocol	Y	Fully leveraged
§15.407(a)(7)(8)	Test Demonstration of Proper Power Adjustment based on Associated AP	Y	N/A, the device is only associated with indoor AP.
§15.407(c)	Transmission in case of Absence of Information	Y	Fully leveraged

Multi-Link Operation WLAN 2.4GHz & 5GHz & 6GHz

FCC Rules	Description Of Test	Data Referencing	Test report number: TERF2309002275E2
§15.205 §15.209 §15.407(b)	Undesirable Radiated Emissions	Y	Fully leveraged (The test report of the referenc FCC ID is submitted in full without change)



4G LTE & 5GNR

FCC Rules	Description Of Test	Data Referencing	Test report number: ZEWM2306000856RG01 ZEWM2306000856RG02
§2.1046(a) §22.913(a)(5) §24.232(c) §27.50(b)(10) §27.50(d)(4) §27.50(j)(3) §27.50(k)(3) §96.41	ERP/ EIRP measurement	Y	Fully leveraged with spot check worst-case scenarios to demonstrate compliance.
§22.913(d) §24.232(d) §27.50(d)(5) §27.50 (k)(4) §96.41	Peak to Average Ratio	Y	Fully leveraged
§2.1049(h)	99% & 26dB Occupied Bandwidth	Y	Fully leveraged
§2.1051 §22.917(a) §24.238(a) §27.50(c)(5) §27.53(c) §27.53(h) §27.53(l)(2) §27.50(n)(2) §96.41	Out of Band Emissions at Antenna Terminals and Band Edge / Emission mask requirements	Y	Fully leveraged
§2.1053 §22.917(a) §24.238(a) §27.53(c) §27.53(f) §27.53(h) §27.53(l)(2) §27.50(n)(2) §96.41	Field Strength of Spurious Radiation	Y	Fully tested to demonstrate compliance.
§2.1055(a)(1)(b) §2.1055(d)(1) §22.355 §24.235 §27.54 §96.41	Frequency Stability	Y	Fully leveraged

Sincerely Yours,

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