

## Request Letter

Subject:

Reuse the test data of authorized equipment

(**FCC ID: SFK-WF810E**, Original Grant Date: 2023/05/10)

Applicant: CIG SHANGHAI CO., LTD.

Dear Sirs,

This is to request for reuse the test data of authorized device (FCC ID: SFK-WF810E, Original Grant Date: 2023/05/09).

The new device (FCC ID: SFK-WF810B) is based on the authorized device (FCC ID: SFK-WF810E) to remove all Wi-Fi 6E chip and components, all others (Wi-Fi 2.4G & 5G, BLE) are the same as the authorized equipment.

According to the declaration as above, so this device reuses the test data of original device and adds some spot check verified data according to KDB 484596 D01v01, details of reuse data and spot check refer to table 2 as below.

Table 2

Frequency and Part Rules	Test Items of FCC Part Rule	Original report No.	New report No.	Spot check message
2402~2480MHz Part 15.247	6dB Bandwidth	2210RSU047-U2	2305RSU025-U1	No verified
	Output Power			Verified the power
	Power Spectral Density			No verified
	Band Edge / Out-of-Band Emissions			No verified
	General Field Strength Limits (Restricted Bands and Radiated Emission Limits)			No verified
	AC Conducted Emissions 150kHz - 30MHz			No verified
2412~2462MHz Part 15.247	6dB Bandwidth	2210RSU047-U3	2305RSU025-U2	No verified
	Output Power			Verified the power
	Power Spectral Density			No verified
	Band Edge / Out-of-Band Emissions			No verified
	General Field Strength Limits (Restricted Bands and Radiated Emission Limits)			No verified
	AC Conducted Emissions 150kHz - 30MHz			No verified
5125~5250MHz 5250~5350MHz 5470~5725MHz 5725~5850MHz Part 15.407	26dB Bandwidth	2210RSU047-U4	2305RSU025-U3	No verified
	6dB Bandwidth			No verified
	Maximum Conducted Output Power			Verified the power
	Peak Power Spectral Density			No verified
	Frequency Stability			No verified
	Undesirable Emissions			No verified
	General Field Strength Limits (Restricted Bands and Radiated Emission Limits)			No verified
	AC Conducted Emissions 150kHz - 30MHz			No verified
	DFS (Master)	2210RSU047-U5	2305RSU025-U4	Verified In-Service Monitoring result

**Result:** All verified result is less than the original data.

If you have any questions regarding this application, please feel free to contact me.

Sincerely,



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Name: Ma Zhonghua

Position: Certification Manager

Date: 2023-06-16