Compex Systems Pte Ltd

Request Letter

Subject:

Reuse the test data of authorized equipment

(**FCC ID: TK4WLE3000HX**, Original Grant Date: 01/11/2023)

Applicant: Compex Systems Pte Ltd

Dear Sirs,

This is to request for reuse the test data of authorized device (FCC ID: TK4WLE3000HX, Original Grant Date: 01/11/2023).

For the new device (**FCC ID: TK4WLE3003HX**), the new device removes the ant 3 port, the others are identical to the original device. According to the declaration as above, this device reuses partial test data of original device and adds output power, radiated spurious emissions, and the band-edge verification according to KDB 484596 D01v01, details of reuse data refer to the table as below.

Frequency and Part Rules	Test Items of FCC Part Rule	Original report No.	New report No.	Spot check message
2412~2462MHz Part 15.247	6dB Bandwidth	2210RSU016-U2	2301RSU015-U1	Reuse
	Output Power			Verify
	Power Spectral Density			Reuse
	Band Edge / Out-of-Band Emissions			Reuse
	General Field Strength Limits (Restricted Bands and Radiated Emission Limits)			Verify
	AC Conducted Emissions 150kHz - 30MHz			Reuse
Result: All verified result is less than the original data.				

Frequency and Part Rules	Test Items of FCC Part Rule	Original report No.	New report No.	Spot check message
5180~5825MHz Part 15.407	26dB Bandwidth	2210RSU016-U3	2301RSU015-U2	Reuse
	6dB Bandwidth	2210RSU016-U4	2301RSU015-U3	Reuse
	Maximum Conducted Output Power			Verify
	Transmit Power Control			Reuse
	Peak Power Spectral Density			Reuse
	Undesirable Emissions			Reuse
	General Field Strength Limits (Restricted Bands and Radiated Emission Limits)			Verify
	AC Conducted Emissions 150kHz - 30MHz			Reuse

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	Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period Measurement			Verify

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

The applicant takes full responsibility that the test data as referenced represents compliance for the new FCC ID.

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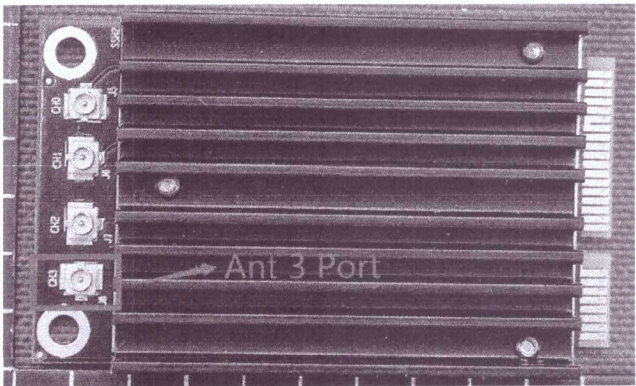
Sincerely,

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Name and Title: Yaw Thiam Teng / R&D Software Manager
Email: tt_yaw@compex.com.sg
Date :2023-02-06

Original module:

New module: