



## Cover Letter

**Date:** June 28, 2024

Dear Examiner,

This letter attests that the FCC guidance in KDB 996369 D02 Question 1 and KDB 996369 D04 for integrating modular transmitters into host equipment was followed for the preparation of this application under **FCC ID: 2AXA8-GBP-3001**

The equipment has included certified transmitter modules below

1. LTE module

FCC ID: [XMR202008EC25AFXD](#) approved on [August 6, 2020](#) by using change in FCC ID from [XMR201909EC25AFX](#) approved on [Sep. 30, 2019](#).

2. RFID module

FCC ID: [2AQ9M-SIM7100](#) approved on [June 14, 2024](#) by using change in FCC ID from [2AQ9M-SIM7100E](#) approved on [April 15, 2024](#) as C2PC based on the original approval date: [December 2, 2022](#)

3. WiFi Module

FCC ID: [2AKZA-QCA9377](#) approved on [September 28, 2018](#)

Changes from the module grant conditions as below.

- a) The certified modular transmitters are integrated in this host without any change on the hardware design.
- b) Operating frequency 788~798MHz of LTE B14, Bluetooth classic and the WiFi 2.4GHz are disabled via software.
- c) RF exposure information and EMC evaluation are provided to verify that original test results represent compliance for the integration of transmitter modules under new conditions of this application.
- d) Antenna types and peak gains used in the host are different from the original module test report and have been evaluated as compliant to FCC rules.

Mode	Frequency(MHz)		Original		New	
			Type	Peak Gain(dBi)	Type	Peak Gain(dBi)
WCDMA B2	1852.4	1907.6	Dipole	4	Radome Screw Mount	5
WCDMA B4	1712.4	1752.6	Dipole	4		5
WCDMA B5	826.4	846.6	Dipole	4		2.5
LTE 2	1850	1915	Dipole	4		5
LTE 4	1710	1755	Dipole	4		5
LTE 5	824	849	Dipole	4		2.5
LTE 12	699	716	Dipole	4		2.5
LTE 13	777	787	Dipole	4		2.5



LTE 66	1710	1780	Dipole	4		5
LTE 71	663	698	Dipole	4		2.5
BLE	2.4GHz		Dipole	4		4.2
802.11a	5GHz		Dipole	6		6.4
802.11n HT20	5GHz		Dipole	6		6.4
802.11n HT40	5GHz		Dipole	6		6.4
802.11ac VHT80	5GHz		Dipole	6		6.4
LoRa	902.75	927.25	External	3.04	Panel, Low Profile	8

e)The original test report exhibitions have been submitted to represent test result under the new conditions.

FCC ID	Equipment class	Report Number	Rule Part	Exhibit Type
XMR202008EC25AFXD XMR201909EC25AFX (Change In FCC ID)	PCB	R1907A0408-R1V1	Part 22	Test report
		R1907A0408-R2V1	Part 24	Test report
		R1907A0408-R3V1	Part 27	Test report
		Test Setup Photos	N/A	Test Setup Photos
		EUT Photos	N/A	EUT photos
2AQ9M-SIM7100E 2AQ9M-SIM7100 (change ID)	DSS	18220WC20246301	Part 15.247	Test report
		18220WC40046901 (For C2PC)	Part 15.247	Test report
		C2PC letter	N/A	Cover letter
		Test Setup photos	N/A	Test Setup photos
		EUT Photos	N/A	EUT Photos
2AKZA-QCA9377	DTS	T180627D11-RP2	Part 15.247	Test report
	NII	T180627D11-RP4	Part 15.407	Test report
	DSS, DTS, NII	Test Setup photos	N/A	Test Setup photos
	DSS, DTS, NII	EUT photos	N/A	EUT photos

Sincerely yours,

**Printed Name:** Jim Chang  
**Title:** RF Manager  
**Company Name:** SGS Taiwan Ltd.