

Quectel Wireless Solutions Company Limited

EC52-AUX original date of grant : 07/01/2020,

Certificate number :202180541AA00

FCC ID: XMR202006EC25AUX

Name: LTE Module

Parent Model: EC25-AUX, EC25-AUX MINIPCIE

The description of the modification is as follows:

All reports are updated as follows:

EC25-AUX, EC25-AUX MINIPCIE (Report No.: R2108A0762-R1) is a variant model of EC25-AUX, EC25-AUX MINIPCIE (Report No.: R2005A0269-R1). There is only changed the Power Amplifier and Software Version of product.

Tested cases refer to the following table. Please refer to Appendix C for Verify data

Test Case	Original	Variant
RF Power Output and Effective Radiated Power	PASS	Retest(GSM850 /WCDMA Band V/ LTE band5)
Occupied Bandwidth	PASS	Verify the worst combination of each frequency band(GSM850 / WCDMA Band V/ LTE band5)
Band Edge Compliance	PASS	Verify the worst combination of each frequency band(GSM850 / WCDMA Band V/ LTE band5)
Peak-to-Average Power Ratio	PASS	Retest(GSM850 / WCDMA Band V/ LTE band 5)
Frequency Stability	PASS	Retest(GSM850 / WCDMA Band V/ LTE band 5)
Spurious Emissions at Antenna Terminals	PASS	Verify the worst combination of each frequency band(GSM850 / WCDMA Band V/ LTE band5)
Radiates Spurious Emission	PASS	Retest(GSM850 / WCDMA Band V/ LTE band 5)

EC25-AUX, EC25-AUX MINIPCIE (Report No.: R2108A0762-R2) is a variant model of EC25-AUX, EC25-AUX MINIPCIE (Report No.: R2005A0269-R2). There is only changed the Power Amplifier and Software Version of product.

Tested cases refer to the following table. Please refer to Appendix C for Verify data

Test Case	Original	Variant
RF Power Output and Effective Radiated Power	PASS	Retest(GSM1900/ WCDMA Band II/ LTE Band 2)
Occupied Bandwidth	PASS	Verify the worst combination of each frequency band(GSM1900/ WCDMA Band II/ LTE Band 2)
Band Edge Compliance	PASS	Verify the worst combination of each frequency band(GSM1900/ WCDMA Band II/ LTE Band 2)
Peak-to-Average Power Ratio	PASS	Retest(GSM1900/ WCDMA Band II/ LTE Band 2)
Frequency Stability	PASS	Retest(GSM1900/ WCDMA Band II/ LTE Band 2)
Spurious Emissions at Antenna Terminals	PASS	Verify the worst combination of each frequency band(GSM1900/ WCDMA Band II/ LTE Band 2)
Radiates Spurious Emission	PASS	Retest(GSM1900/ WCDMA Band II/ LTE Band 2)

EC25-AUX, EC25-AUX MINIPCIE (Report No.: R2108A0762-R3) is a variant model of EC25-AUX, EC25-AUX MINIPCIE (Report No.: R2005A0269-R3). There is only changed the Power Amplifier and Software Version of product.

Tested cases refer to the following table. Please refer to Appendix C for Verify data

Test Case	Original	Variant
RF Power Output and Effective Radiated Power	PASS	Retest(LTE band4/7)
Occupied Bandwidth	PASS	Verify the worst combination of each frequency band(LTE band4/7)
Band Edge Compliance	PASS	Verify the worst combination of each frequency band(LTE band4/7)
Peak-to-Average Power Ratio	PASS	Retest(LTE band4/7)
Frequency Stability	PASS	Retest(LTE band4/7)
Spurious Emissions at Antenna Terminals	PASS	Verify the worst combination of each frequency band(LTE band4/7)
Radiates Spurious Emission	PASS	Verify the worst combination of each frequency band(LTE band4/7)

Your assistance on this matter is highly appreciated.

Signature: 

Print name: Jean Hu

Date: 11/20/2021

Company: Quectel Wireless Solutions Co., Ltd.