



1 Introduction Section

The original model: P11-K290G0 (FCC ID: 2AXZJ-CTX0710) and the variant model: P11-K290G0-02 (FCC ID: 2AXZJ-CTX0710W3) has identical PCB layout, SW implementation for WWAN. Based on their similarity, the FCC Part 22(H), 24(E), 27, test data issued for original model also apply for the variant model.

The applicant takes full responsibility that the test data as referenced in section 3 below represent compliance for this FCC ID (FCC ID: 2AXZJ-CTX0710W3).

2 Difference Section

The original model : P11-K290G0 (FCC ID: 2AXZJ-CTX0710) and the variant model : P11-K290G0-02 (FCC ID: 2AXZJ-CTX0710W3) has identical PCB layout, SW implementation for WWAN. The details of similarity and difference can be found in the Operating Description.

The difference between with original and the variant FCC ID as below.

FCC ID	2AXZJ-CTX0710	2AXZJ-CTX0710W3
WiFi Module model	JODY-W164-03A-01	JODY-W374-A
WiFi Antenna	P11-J67E00-01 WIFI L 3.1 P11-J67200-01 WIFI R 3.1	P11-J67E00-02 P11-J67200-02
WWAN Antenna	P11-J67100-01 ANTENNA, LTE L 3.1 P11-J67500-01 ANTENNA, LTE R 3.1	P11-J44000-00 P11-J44100-00

The product specification is outlined in the following table:

FCC ID		2AXZJ-CTX0710 Worst Result	2AXZJ-CTX0710W3 Worst Result
Wireless Tech	Mode	Frequency (MHz)	
WWAN	PCS 1900	1850~1990	1850~1990
	WCDMA Band 2	1850~1910	1850~1910
	WCDMA Band 4	1710~1755	1710~1755
	LTE Band 2	1850~1910	1850~1910
	LTE Band 4	1710~1755	1710~1755
	LTE Band 7	2500~2570	2500~2570
	LTE Band 66	1710~1780	1710~1780

3 Spot Check Verification Data Section

Summary of the spot check:

Test Item	Mode	2AXZJ-CTX0710 Worst Result	2AXZJ-CTX0710W3 Worst Result	Deviation (dB)
Average Conducted Power (dBm)	1900_GPRS_200kHz_Nss1,Mult islot 4 up_1TX 1909.8MHz	29.78	29.16	0.62
	Band 2_HSUPA_5MHz_Nss1,Subtest 4_1TX 1880MHz	22.98	22.67	0.31
	Band 4_HSUPA_5MHz_Nss1,Subtest 1_1TX 1712.4MHz	23.04	22.57	0.47
	Band 2_LTE_20MHz_Nss1,QPSK_1T X 1900MHz_RB 1,#RB L	23.40	22.97	0.43
	Band 4_LTE_10MHz_Nss1,QPSK_1T X 1715MHz_RB 1,#RB L	23.91	22.39	1.52
	Band 7_LTE_20MHz_Nss1,QPSK_1T X 2510MHz_RB 1,#RB L	21.65	21.41	0.24
	Band 66_LTE_20MHz_Nss1,QPSK_1 TX 1720MHz_RB 1,#RB L	23.23	22.86	0.37

Test Item	Mode	2AXZJ-CTX0710 Worst Result	2AXZJ-CTX0710W3 Worst Result	Deviation (dB)
Peak Radiated Spurious Emission (Band Edge) (dBm)	1900_GPRS_200kHz_Nss1_1TX	-45.01	-46.38	1.37
	Band 2_WCDMA_5MHz_Nss1_1TX	-52.88	-53.65	0.77
	Band 4_WCDMA_5MHz_Nss1_1TX	-47.45	-54.79	7.34
	Band 2_LTE_15MHz_Nss1,QPSK_1TX	-47.04	-52.62	5.58
	Band 4_LTE_20MHz_Nss1,QPSK_1TX	-53.81	-53.82	0.01
	Band 7_LTE_10MHz_Nss1,QPSK_1TX	-48.12	-47.86	-0.26



Conclusion:

WLAN Radiated spurious emission test against the variant model for non-cellular part based on the worst-case condition from the original model was performed in this filing to demonstrate the test data from original model remains representative for the variant model.

Based on the spot check test result, the test data from the original model is representative for the variant model.

The unwanted, harmonics, radiated spurious emission is reported peak measurement only due to spurious lower than 20dB than the limit.

The detail test results can be found in this document, original report Appendix A~B, hereafter.