

To whom it may concern,

This cover letter is to explain the difference between the two MAYA-W161 and MAYA-W160 variants and the justification for the reuse of test results:

For FCC and ISED identifiers, refer to the table below.

	Module version	Data
Type of equipment:	All variants	WLAN/Bluetooth module
Type designation:	MAYA-W160	MAYA-W160
	MAYA-W161	MAYA-W161
	MAYA-W166	MAYA-W166
FCC ID:	MAYA-W160	XPYMAYAW160
	MAYA-W161	XPYMAYAW161
	MAYA-W166	XPYMAYAW166
IC ID:	MAYA-W160	8595A-MAYAW160
	MAYA-W161	8595A-MAYAW161
	MAYA-W166	8595A-MAYAW166

Product differences and testing reports

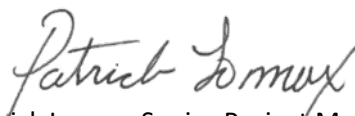
The MAYA-W160 and MAYA-W161 are electrically equivalent. The difference between the products is in the RF termination. The W160 uses a u.FL connection for 2.4 GHz and 5 GHz, while the W161 uses and BT and WLAN pin. Both requiring 50 Ohms. (Refer to block diagram)

Due to the small difference, all testing was performed on the w161 variant, with the test results being applied to the W160. As agreed with the FCC per the KDB inquiry documented in this filing, spot checks were performed on the W160. If a spot check of the worst-case emission was seen to be close to the W161 results, the radiated emissions for that particular mode was repeated in full.

No increase in emissions were seen in the 5GHz bands. As such, only the W161 reports are applied. See test report MDE_UBLOX_FCC_02.

Bluetooth and WLAN Mode B had an increase of less than 10% for radiated emissions and radiated emissions were repeated in full for those modes. See report MDE_UBLOX_FCC_06.

For the other test cases, the results from the W161 are applied. See report MDE_UBLOX_FCC_01.



22 Nov. 22.

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