FCC ID: ALH443700
IC ID: 282D-443700
CT Project: TCB-p1370018

From: Chris Harvey

Date: August 5, 2013

FCC:

1. FCC. The EF Justification letter indicates Part 901 (should be Part 90).

CT – Letter has been corrected

2. FCC. Please provide a description (possibly in an updated Description exhibit) of the differences between the model numbers indicated in several exhibits.

CT - NX-240-K USA LMR version
NX-240-M General market (may be sold outside of the USA with a different Manual or box look) same radio as the K version, no battery or charger
NX-240- M2 also includes Battery & Charger in a box.
NX-240V-K Business radio programmed with a limited feature set.

Industry Canada:

3. IC. Please correct model name to NX-240-P(Canada) from NX-240-M (US Only) in IC Annex A-Annex B.pdf

RF Exposure - I have revised the Annex AB to be the –P version.

4. IC. The IC SAR report does not reference the IC model Number NX-240-P of the IC model.

RF Exposure - The IC model has been added to the revised report.

5.IC. The IC User Notice attestation letter is missing the last digit (0) from the IC number. Additionally, the Antenna for this device is removable, which will require specific wording and guidance to the user/installer in accordance with RSS-GEN section 7.1.2.

CT – IC Number has been corrected. Page 2 of the Instruction Manual provides antenna installation instructions.

6.IC. Please be advised to follow RSS GEN clause 4.3 (i) in the future when selecting testing channels:

Except where otherwise specified, measurements shall be performed for each frequency band of operation for which the radio apparatus is to be certified, with the device operating at the frequencies in each band of operation shown in the Table 1 below:

Table 1: Frequency Range of Operation

Frequency Range over which the device operates	Number of Measurement Frequencies Required	Location of Measurement Frequency in Band of Operation
1 MHz or less	1	Centre
1 MHz to 10 MHz	2	1 near high end, 1 near low end
Greater than 10 MHz	3	1 near high end, 1 near centre and 1 near low end

We will accept the test report this time along with the justification letter. For EUT operating within the frequency range: 138 - 144 MHz and 148 – 174 MHz, 3 channels (low, middle, and high) within 138 - 144 MHz and 3 channels (low , middle, and high) within 148 – 174 MHz should have been selected for testing as per the above rule part.

CT – Noted

7. IC. The test report mentions RSS-119 in a couple places, but does not declare compliance with all requirements of RSS-119 and RSS-GEN. Please either revise the RF Test Report to all requirements of RSS-119 and RSS-GEN or provide a cross reference document indicating all the requirements and where the documentation for compliance can be located in the RF Test report (cross reference document). Additionally, the report should clearly indicate which frequencies are for FCC Compliance and which frequencies are for IC compliance.

CT – Cross reference document included and indicated which frequency on the RF report is for IC only

Both applications:

8. Both. The Manual implies that there are Li-ion or NiMH battery types, but SAR testing only performed with Li-ion model KNB-45L. Please clarify and correct.

CT – Kenwood is only importing the Li-Ion battery & charger version into the USA & Canada. The NiMH version is not for the USA.

9. Both. 1st page of SAR reports, Maximum Body SAR is not correct (listed as 2.31W/kg, but the data in the reports seems to indicate 1.31 W/kg). Please revise.

RF Exposure - This was a typo and should have been 1.31 W/kg. I have made the revision to the attached report.

Response by: Alex Macon, Amanda Reed, RF Exposure (SAR Lab)

Submitted by: Amanda Reed

Date: 8/9/2013