



REFERENCING RADIO PARAMETER TEST DATA

October 5, 2020

Product: RIOTRONIC X+ Logger
FCC ID: 2AXG5-043006001

This Technical Justification Letter is for Maxam's product "*RIOTRONIC X+ Logger*" with FCC ID: 2AXG5-043006001. The purpose of this letter is to justify the re-use of test data from an original test report with reference TRA-049647-45-00A for product "*RIOTRONIC X+ Remote 915*" with FCC ID: 2AXG5-043008003.

The *RIOTRONIC X+ Logger (new product)* is a 13.56MHz inductive tag with DXX equipment class. We, Maxam Initiation Systems, S.L. (*the applicant*) take full responsibility that the test data as referenced represents compliance for the new FCC ID.

The differences between the two products are as follows. The original product under FCC ID: 2AXG5-043008003 contains a 915MHz transmitter and NFC transmitter. The new product under FCC ID: 2AXG5-043006001 contains only the NFC transmitter. The NFC transmitter between both products is the same.

In order to reuse the radio testing, spot check verification has been performed for fundamental output power and radiated spurious emissions, as detailed by the below table.

Original Product: <i>RIOTRONIC X+ Remote 915</i> FCC ID: 2AXG5-043008003 Report: TRA-049647-45-02B	New Product: <i>RIOTRONIC X+ Logger</i> FCC ID: 2AXG5-043006001 Report: TRA-049647-45-07B
Radiated Spurious Emissions, below 30MHz	Radiated Spurious Emissions, below 30MHz
Radiated Spurious Emissions	Radiated spurious emissions
Occupied bandwidth	Testing to be carried over
Field strength of fundamental	Field strength of fundamental
Frequency stability	Testing to be carried over

As per the above table the testing to be carried over from the original test report is the occupied bandwidth and frequency stability tests. Spot check verification on fundamental power and radiated spurious emissions has rendered these tests still applicable to the *RIOTRONIC X+ Logger* product.

Yours faithfully,

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