



REFERENCING RADIO PARAMETER TEST DATA

October 5, 2020

Product: RIOTRONIC X+ Blaster 915

FCC ID: 2AXG5-043007003

This Technical Justification Letter is for Maxam's product "*RIOTRONIC X+ Logger*" with FCC ID: 2AXG5-043007003. The purpose of this letter is to justify the re-use of test data from original test reports with reference TRA-049647-45-00A and reference TRA-049647-45-02A for product "*RIOTRONIC X+ Remote 915*" with FCC ID: 2AXG5-043008003.

The *RIOTRONIC X+ Blaster 915 (new product)* is a 915MHz transmitter with DTS equipment class and an inductive tag with a 13.56MHz transmitter 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: 2AXG5-043007003 contains 915MHz and NFC transmitters. The 915MHz transmitter between both products is the same. The NFC transmitter has been fully tested on both products.

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

Original Transmitter : 915MHz FCC ID: 2AXG5-043008003 Report: TRA-049647-45-00A	New Transmitter : 915MHz FCC ID: 2AXG5-043007003 Report: TRA-049647-45-04A
Radiated Spurious Emissions	Radiated Spurious Emissions
Occupied bandwidth	<u>Testing to be carried over</u>
Conducted Carrier Power	Conducted Carrier Power
Conducted / radiated RF power out-of-band	<u>Testing to be carried over</u>
Power spectral density, conducted	<u>Testing to be carried over</u>

As per the above table the testing to be carried over from the original test report is the occupied bandwidth, conducted RF power out-of-band and conducted power spectral density tests. Spot check verification on fundamental power and radiated spurious emissions has rendered these tests still applicable to the *RIOTRONIC X+ Blaster 915* product.

Yours faithfully,

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