

Letter of Attestation regarding units tested at PTI

Jupiter	A760-0001
Jupiter II	A760-0002
Jupiter III	A760-0003
Venus	R142-i3BN *433.92MHz only
Saturn	R142-i3RF

For the 433.92MHz transmitter the duty Cycle is as follows:

40 pulses are output of 27uS duration over an 88mS time period to form our pulse train. The transmit duty cycle is .12%

PTI has a capture of the 433 data.

Duty cycle = $40 * .000027 / .088 = .00123$

15.231(a)(3) Statement:

For the purpose of determining system integrity, specifically for security and safety applications, the 433Mhz transmitter emits supervisory and polling transmissions, including data. However, the total duration of these transmissions are limited such that they do not exceed more than 2 seconds per hour.

15.231(a) (2) Statement:

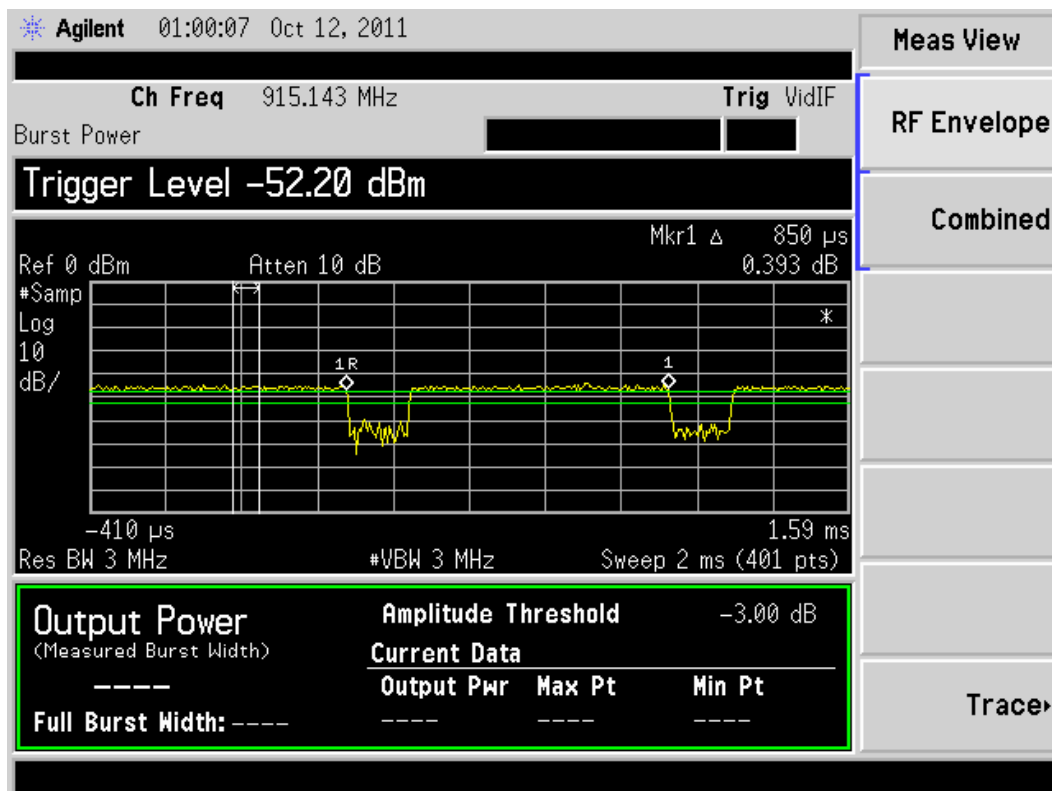
A transmitter activated automatically shall cease transmission within 5 seconds after activation.

For the 915MHz transmitter:

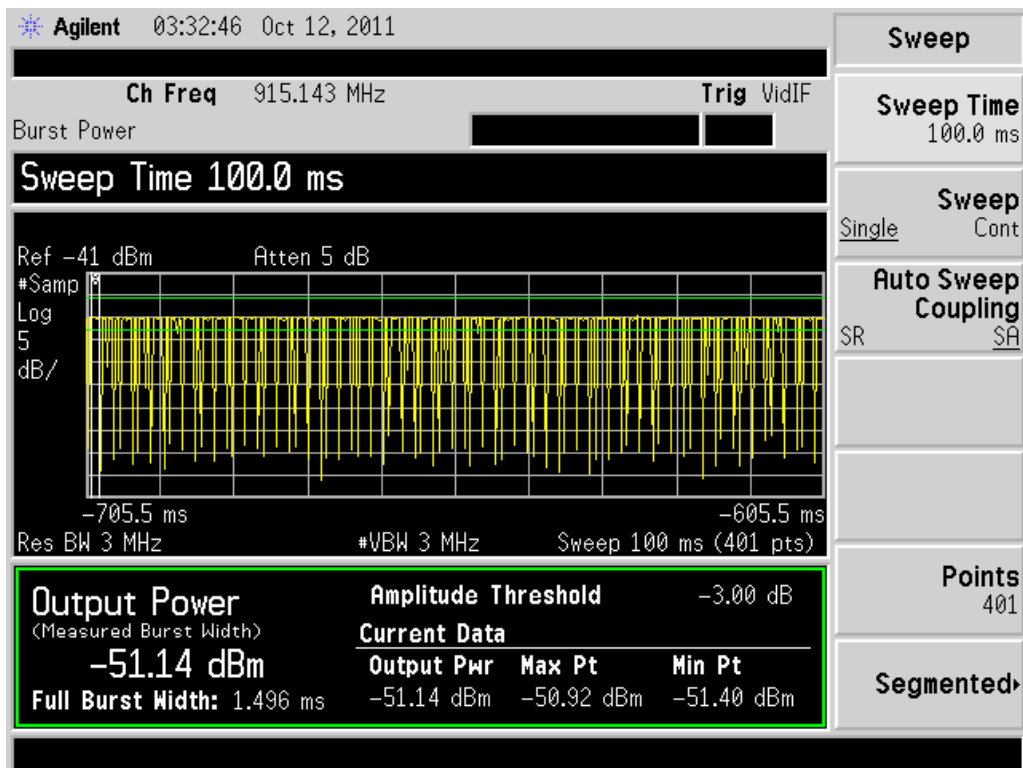
For 915 MHz transmit, all units with a 915MHz transmitter are limited to a transmit duty cycle of 79% for a given 100mS pulse train.

Duty Cycle = transmit time / total time = $670\text{uS} / 850\text{uS} = .788$

Detail View:



Wide View:



Ronald Graczyk certifies this data to be true and correct:

Ron Graczyk

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Ron Graczyk

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