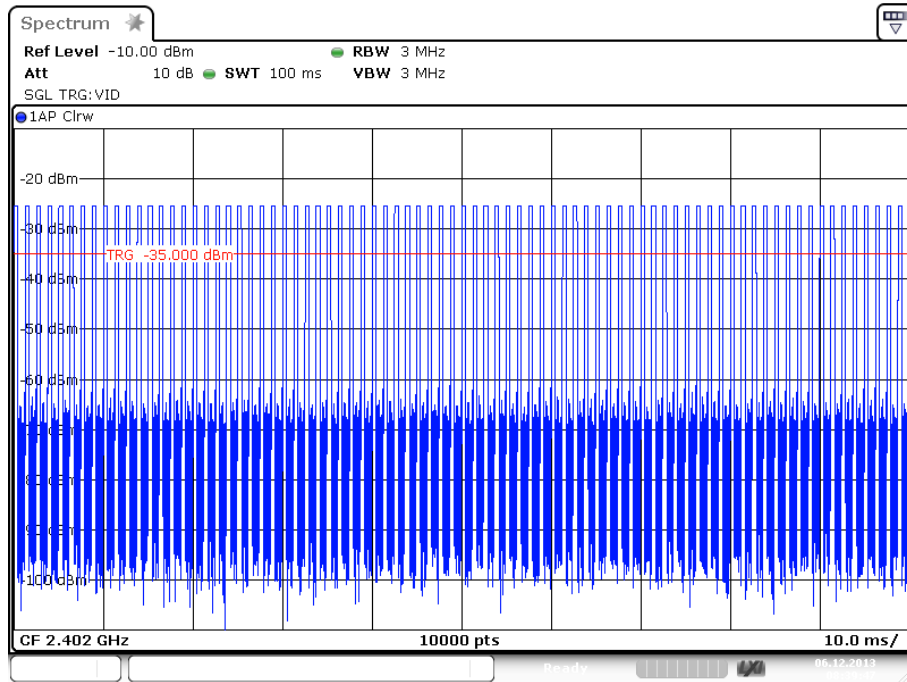
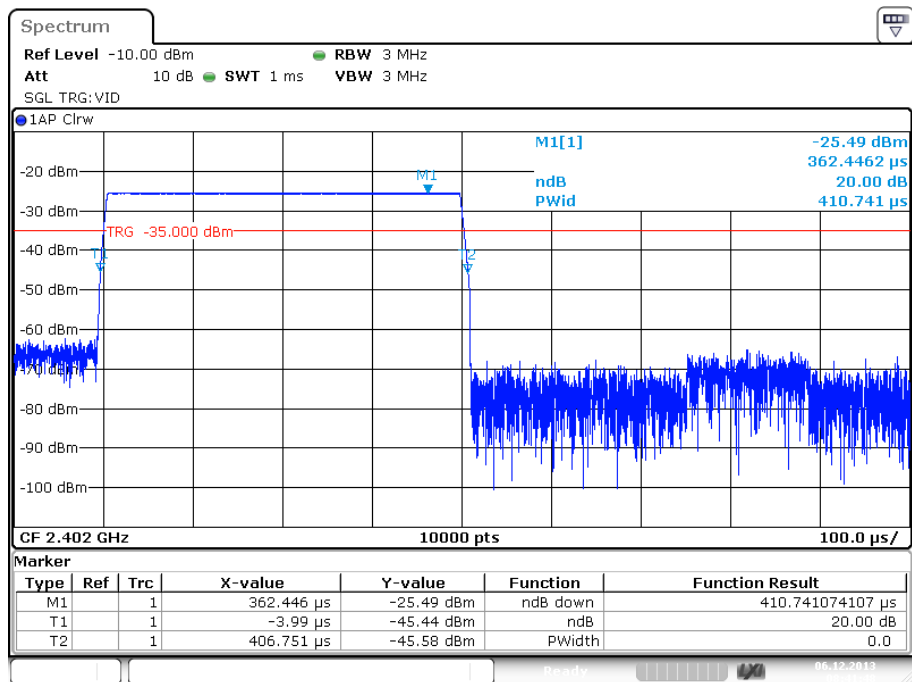


Duty Cycle Calculations for the PWR-09-02

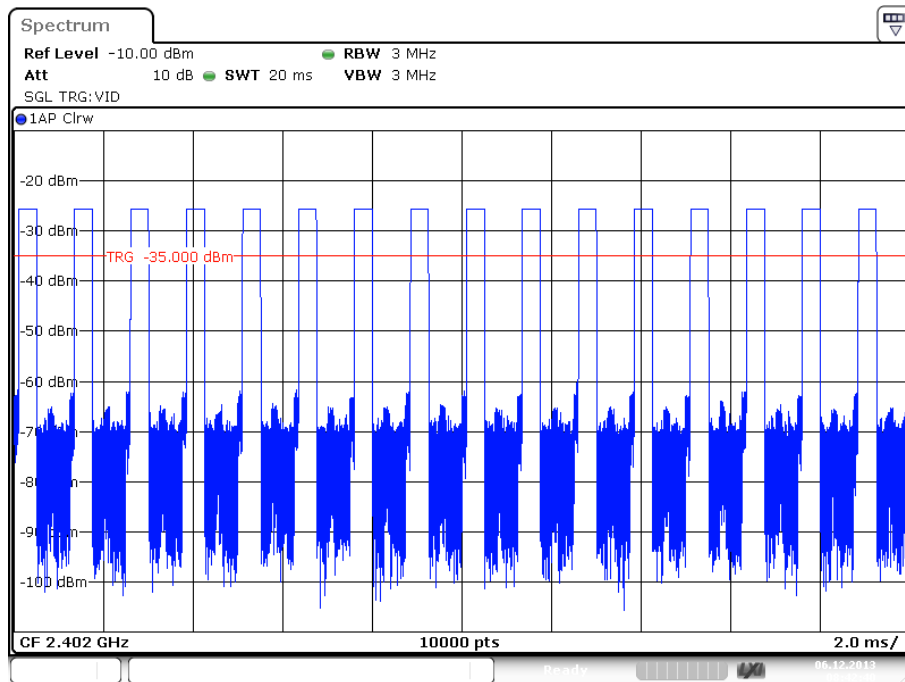
100ms Plot



Pulse Width

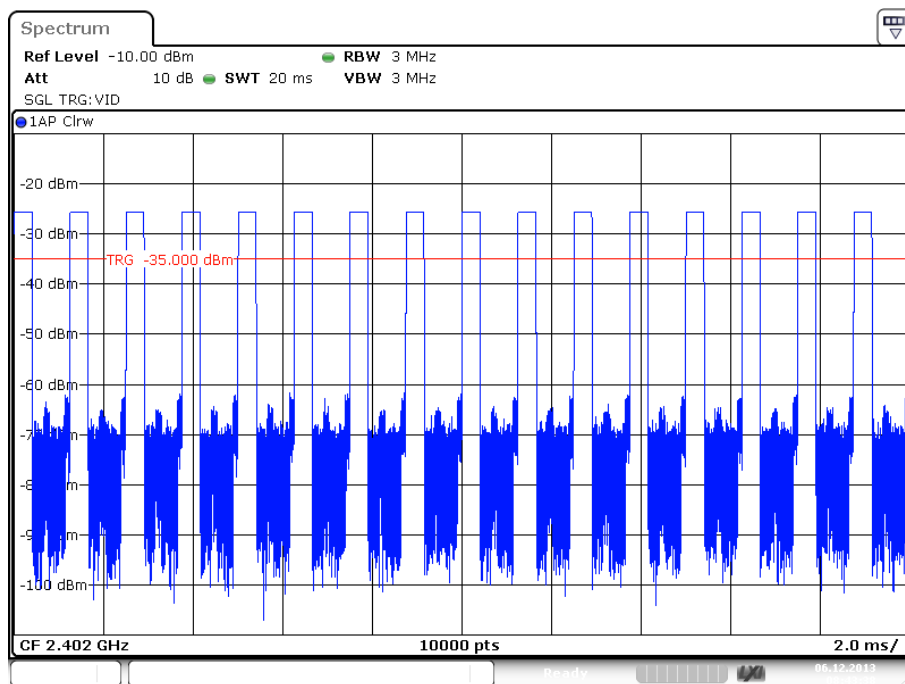


0-20ms – 16 pulses



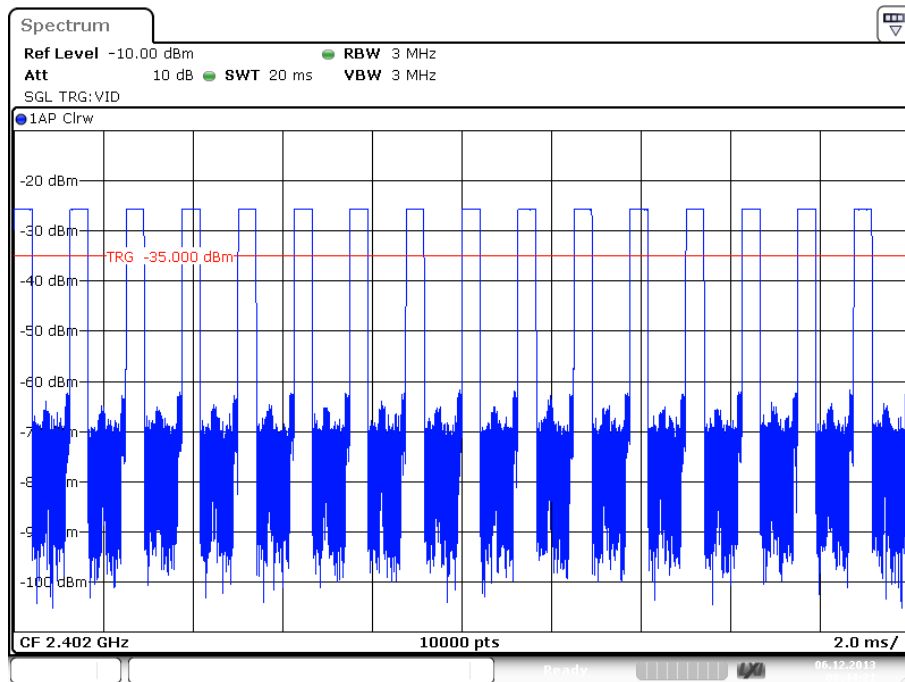
Date: 6.DEC.2013 08:42:40

20-40ms – 16 pulses



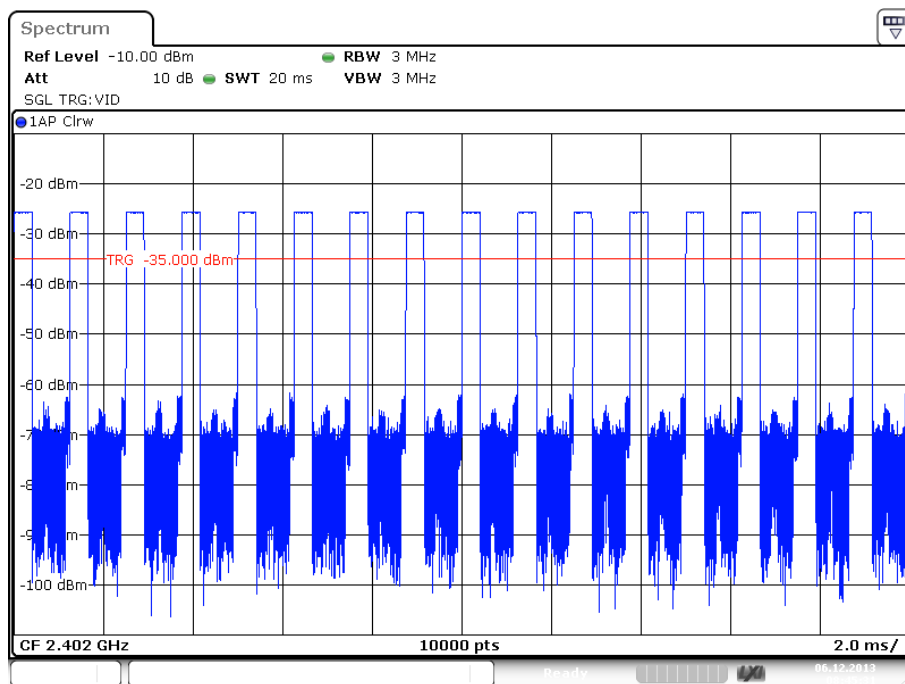
Date: 6.DEC.2013 08:43:37

40-60ms – 16 pulses



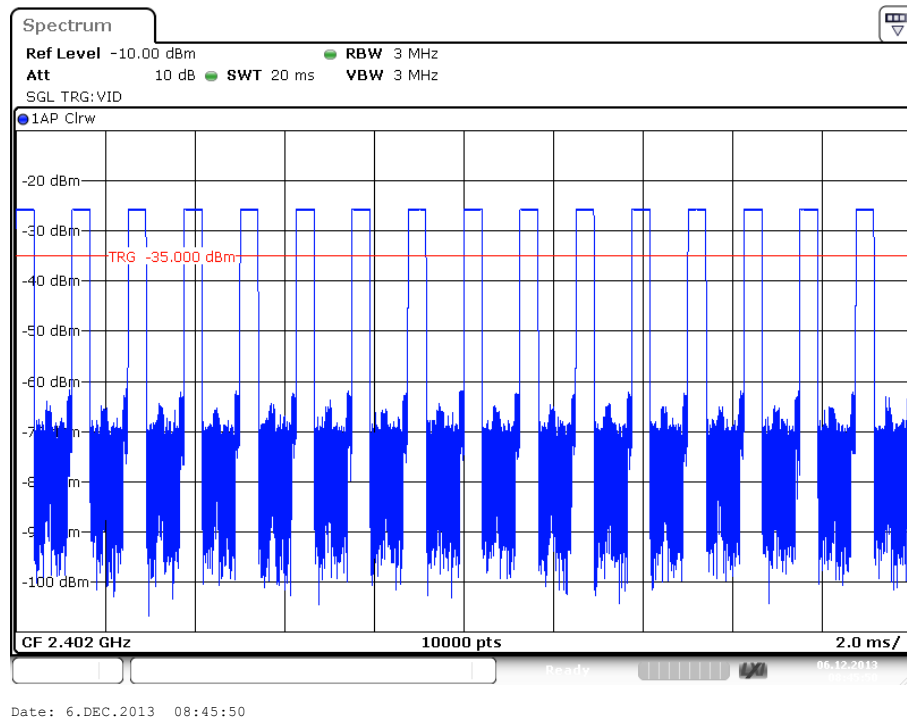
Date: 6.DEC.2013 08:44:21

60-80ms – 16 pulses



Date: 6.DEC.2013 08:45:31

80-100ms – 16 pulses



80 pulses @ 411us = 32.9ms of on time out of 100ms

Duty Cycle = 32.9%

$20 \cdot \text{LOG}(1/329) = -9.7\text{dB}$

Test Equipment:

Equipment	Model	Manufacturer	Asset Number	Cal Due Date
SIGNAL ANALYZER	FSV30	ROHDE & SCHWARZ	B085749	28-Aug-2014
COAXIAL CABLE	1134	GORE	B094785	16-May-2014
POWER SPLITTER	ZFRSC-183-S+	MINI-CIRCUITS	B101743	24-Sep-2014
BLUETOOTH TESTER	CBT	ROHDE & SCHWARZ	S/N: 100011	CNR