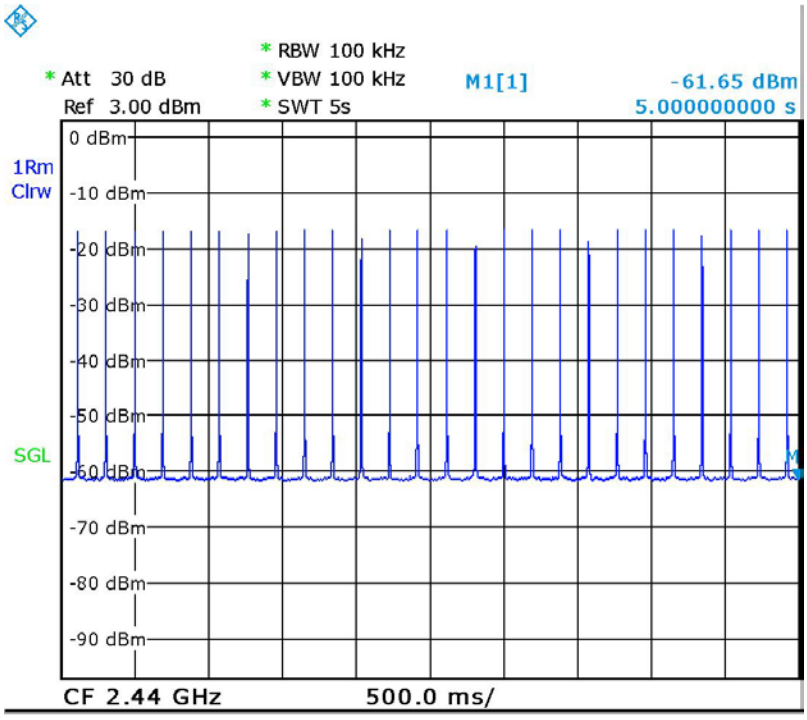
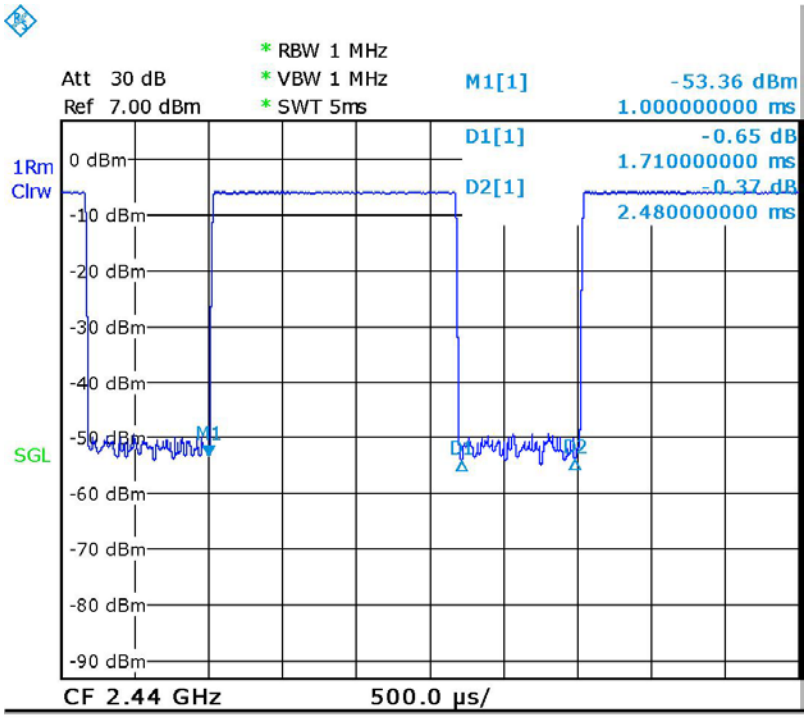
Test Mode : BT (1 Mbps) DH3 Channel : 39

Number of Pulses Per 5 sec



Date: 6.OCT.2015 13:28:56

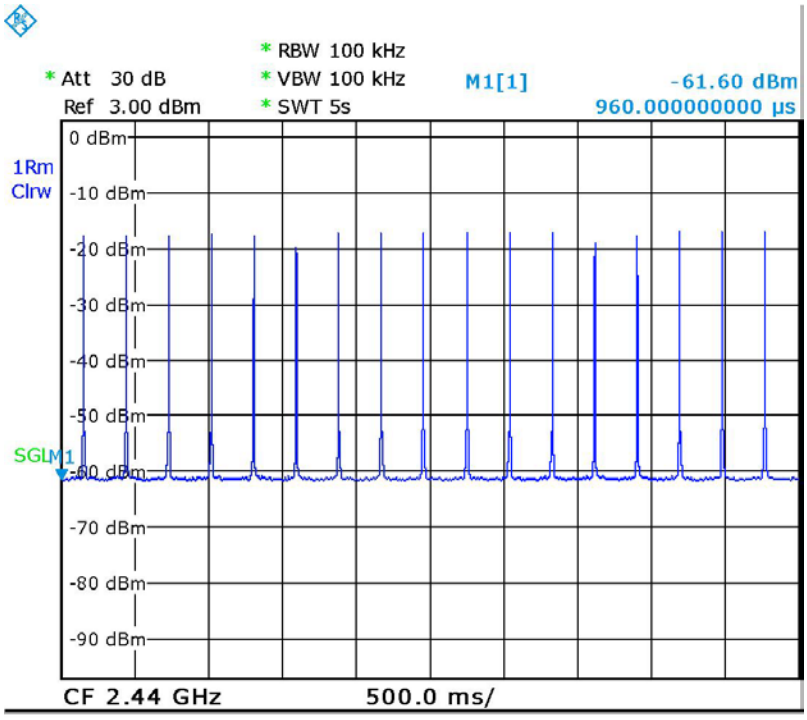
Pulse Width (sec)



Date: 12.OCT.2015 18:21:03

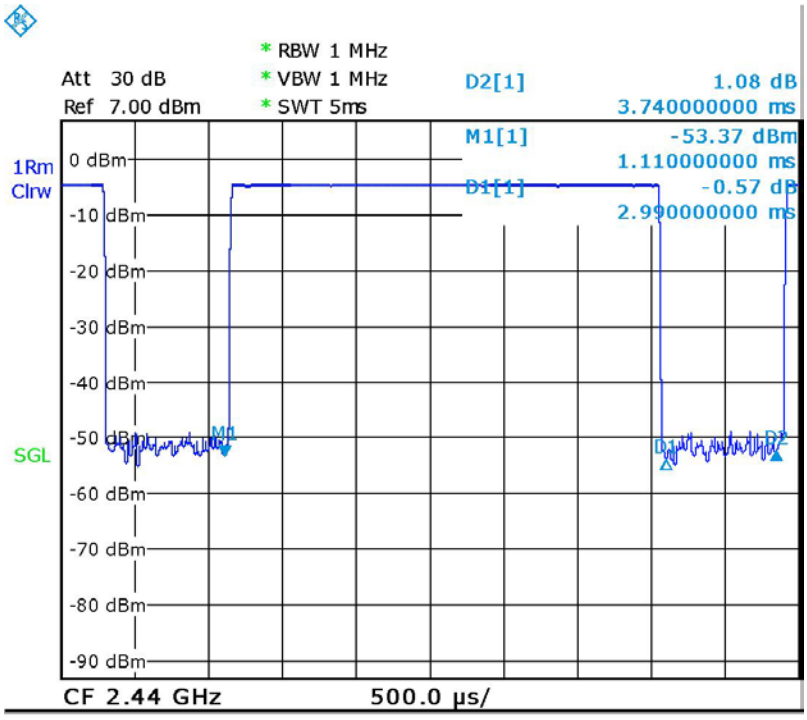
Test Mode : BT (1 Mbps) DH5 Channel : 39

Number of Pulses Per 5 sec



Date: 6.OCT.2015 15:14:35

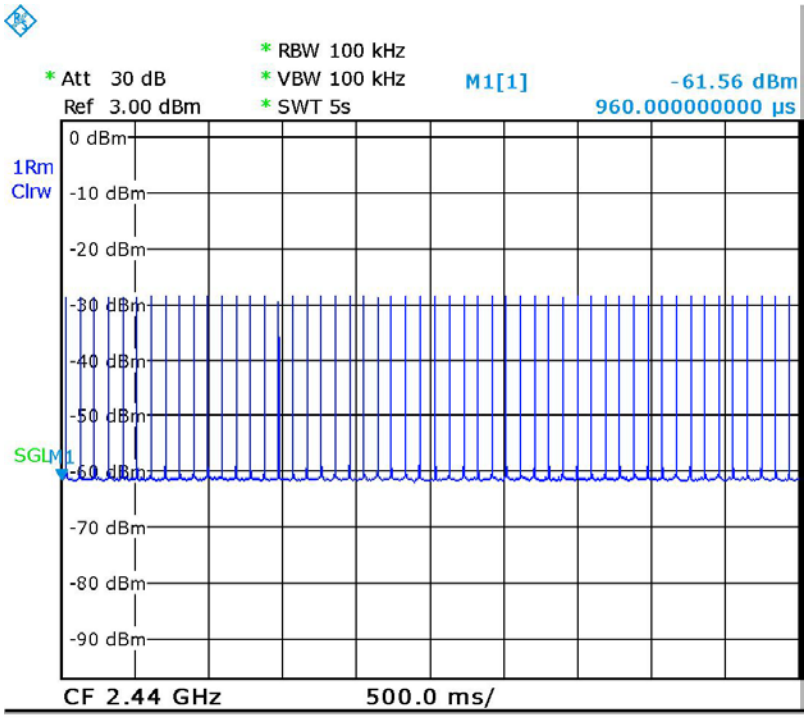
Pulse Width (sec)



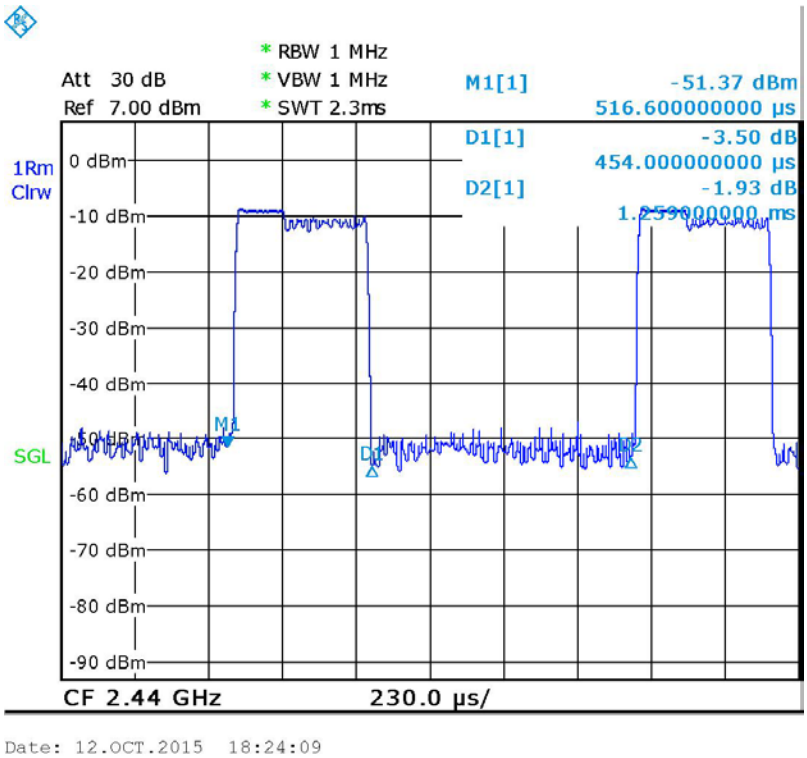
Date: 12.OCT.2015 18:22:30

Temperature	:	22℃	Humidity	:	57%
Test Date	:	06-OCT-2015	Tested by	:	Leon Chen
Test Mode	:	BT (2 Mbps) DH1	Channel	:	39

Number of Pulses Per 5 sec

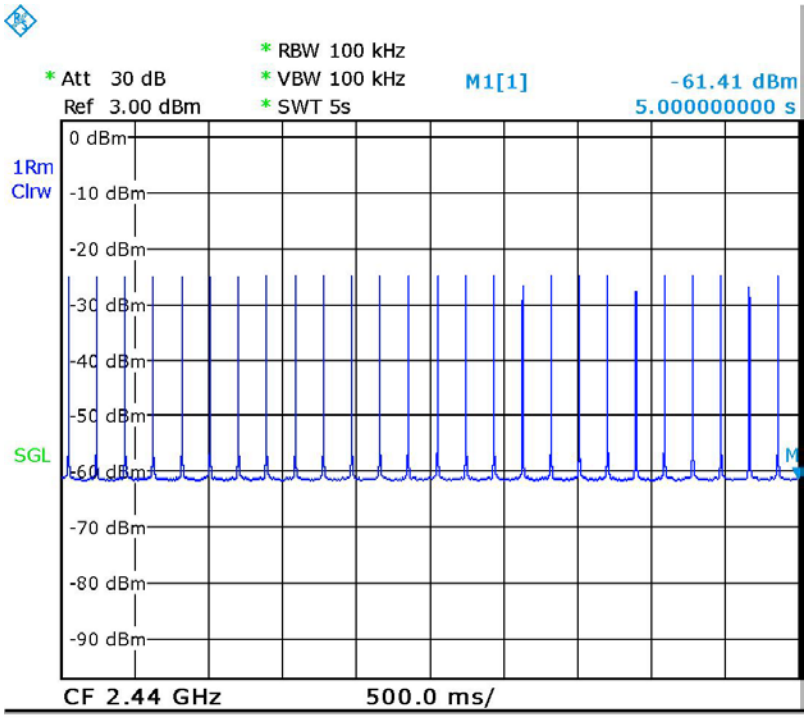


Pulse Width (sec)



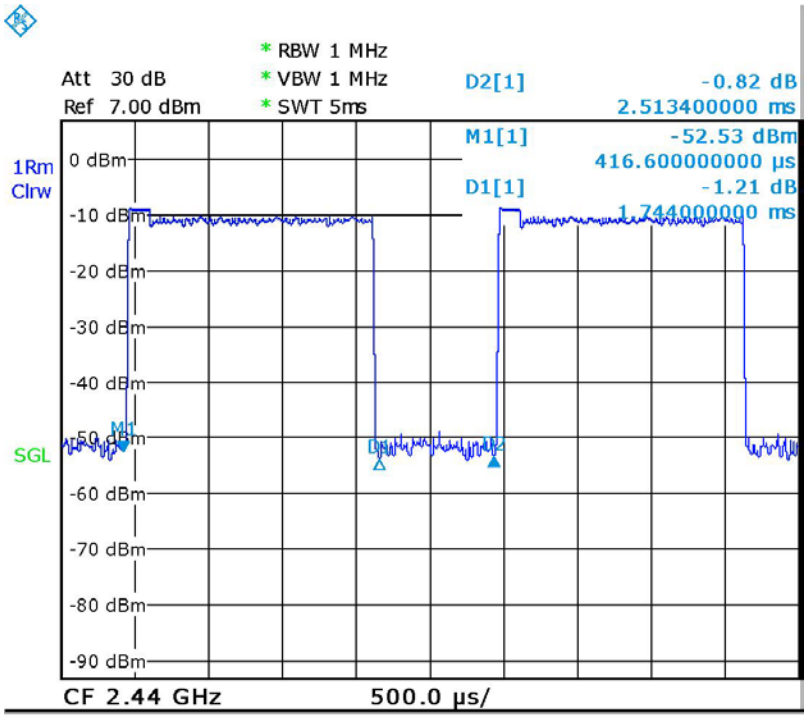
Test Mode : BT (2 Mbps) DH3 Channel : 39

Number of Pulses Per 5 sec



Date: 6.OCT.2015 13:29:55

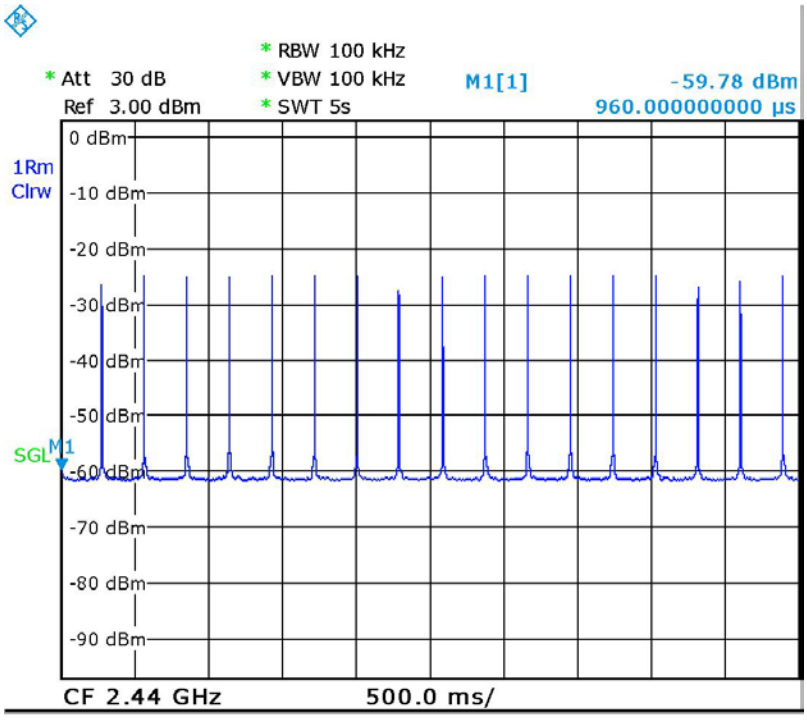
Pulse Width (sec)



Date: 12.OCT.2015 18:25:58

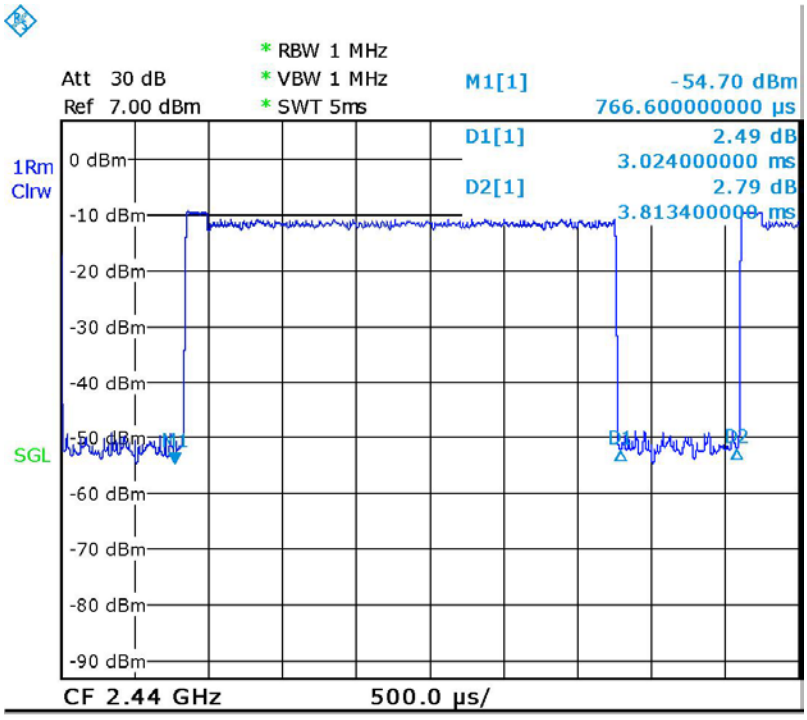
Test Mode : BT (2 Mbps) DH5 Channel : 39

Number of Pulses Per 5 sec



Date: 6.OCT.2015 15:17:07

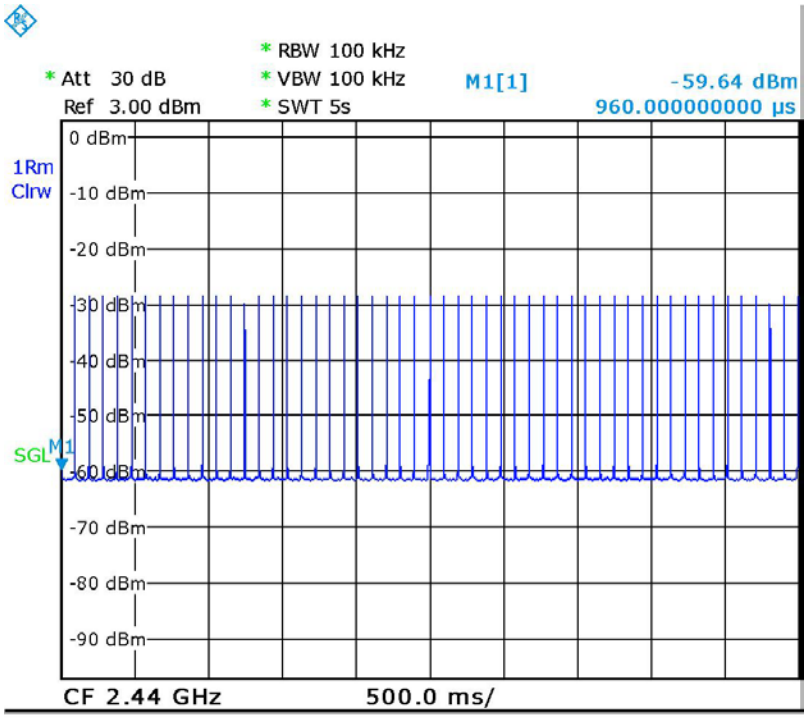
Pulse Width (sec)



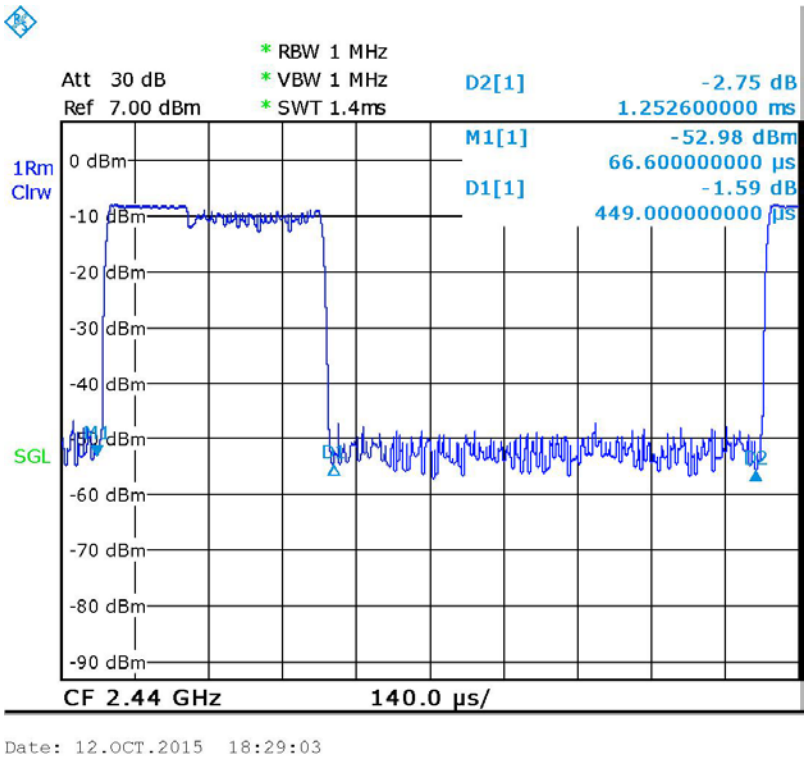
Date: 12.OCT.2015 18:27:19

Temperature	:	22℃	Humidity	:	57%
Test Date	:	06-OCT-2015	Tested by	:	Leon Chen
Test Mode	:	BT (3 Mbps) DH1	Channel	:	39

Number of Pulses Per 5 sec

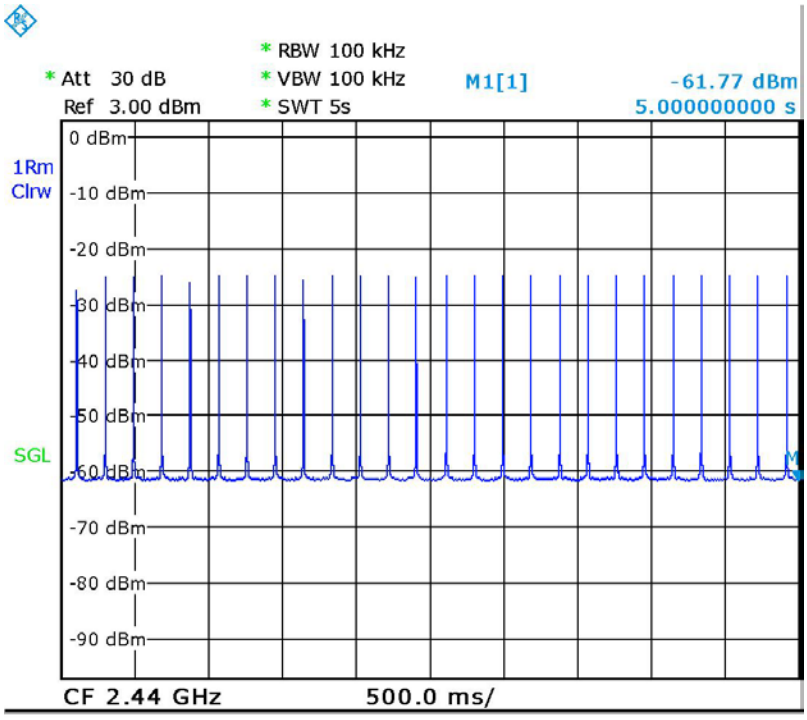


Pulse Width (sec)



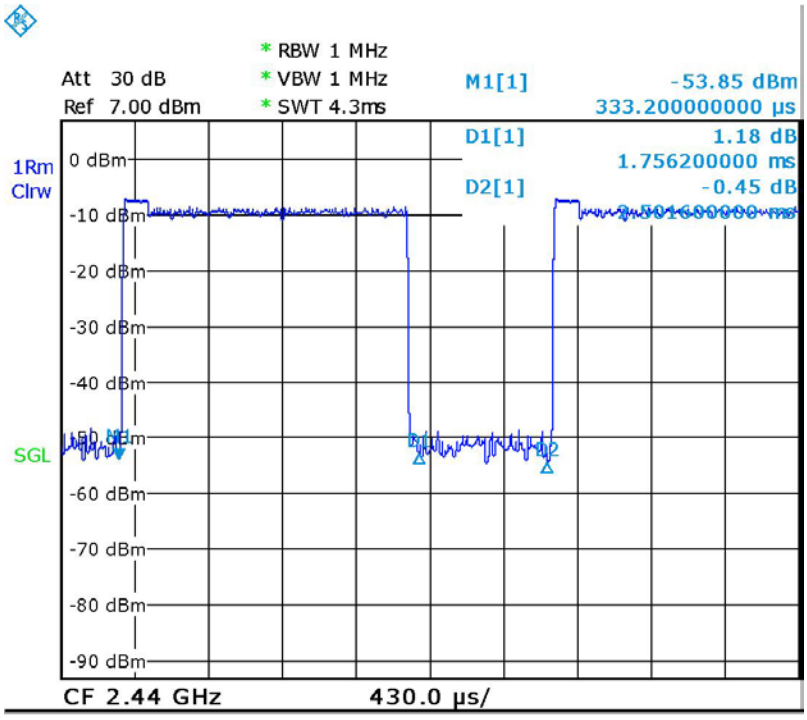
Test Mode : BT (3 Mbps) DH3 Channel : 39

Number of Pulses Per 5 sec



Date: 6.OCT.2015 13:31:02

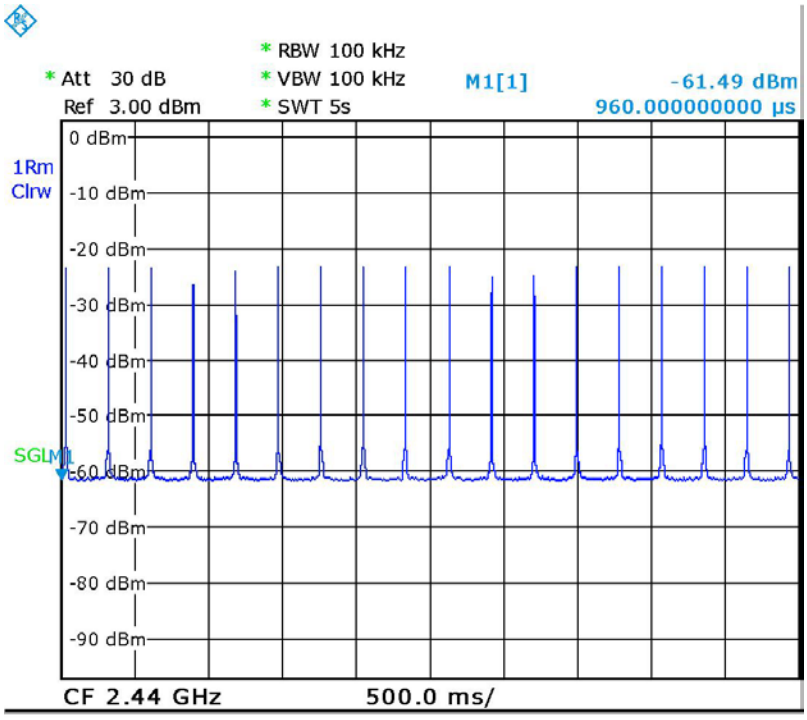
Pulse Width (sec)



Date: 12.OCT.2015 18:31:22

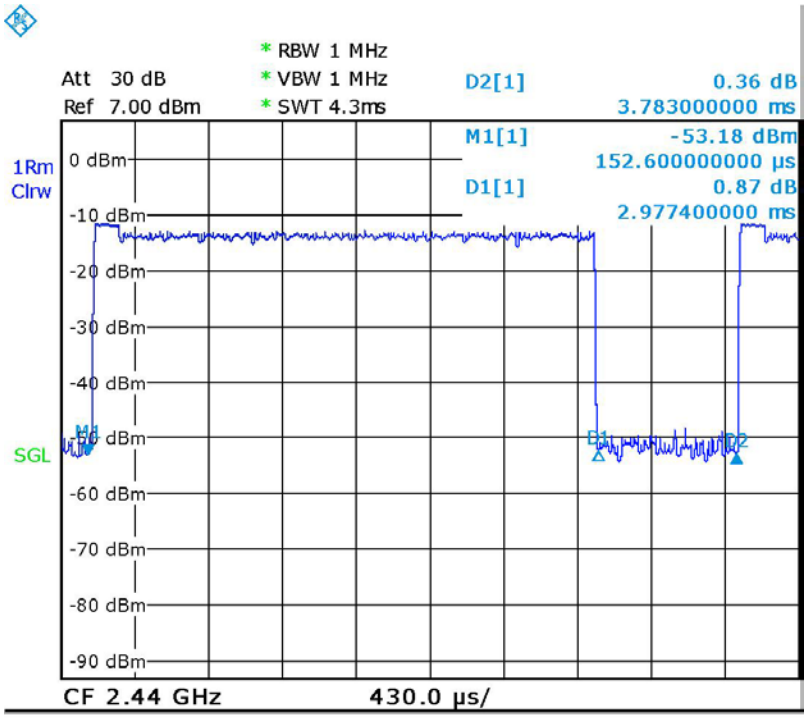
Test Mode : BT (3 Mbps) DH5 Channel : 39

Number of Pulses Per 5 sec



Date: 6.OCT.2015 15:20:01

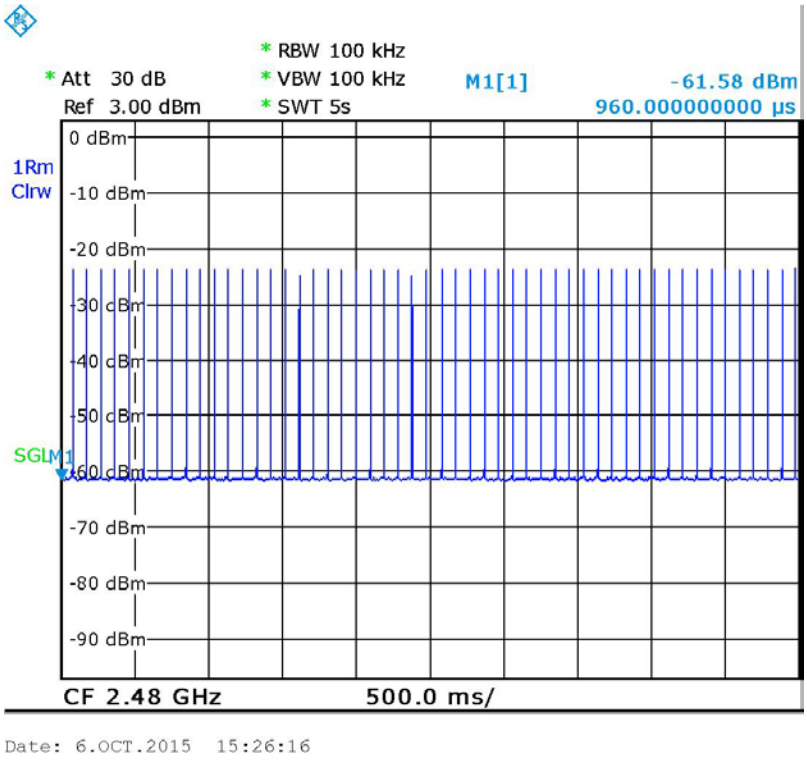
Pulse Width (sec)



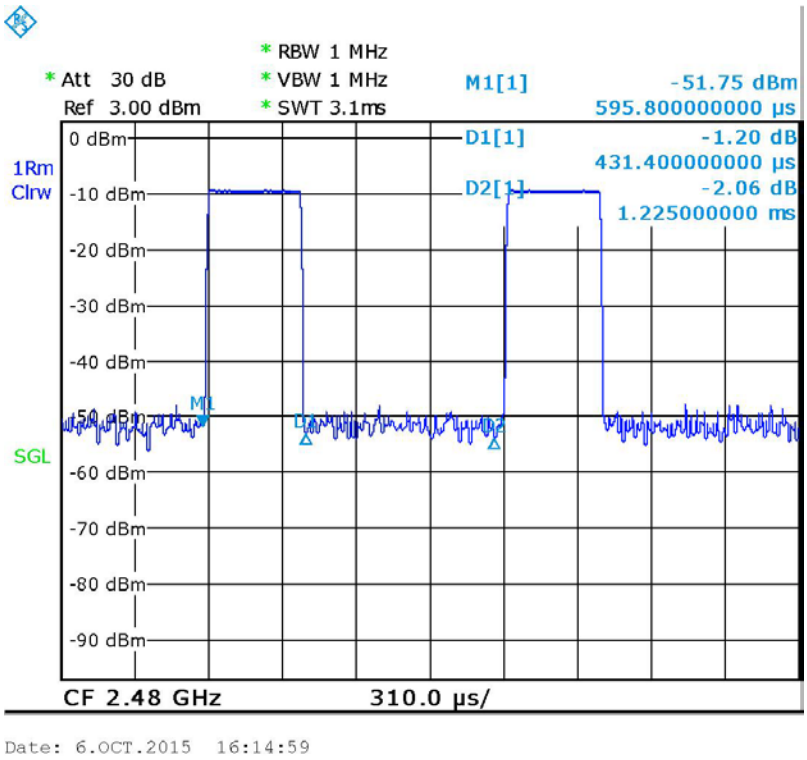
Date: 12.OCT.2015 18:32:39

Temperature	:	22℃	Humidity	:	57%
Test Date	:	06-OCT-2015	Tested by	:	Leon Chen
Test Mode	:	BT (1 Mbps) DH1	Channel	:	78

Number of Pulses Per 5 sec

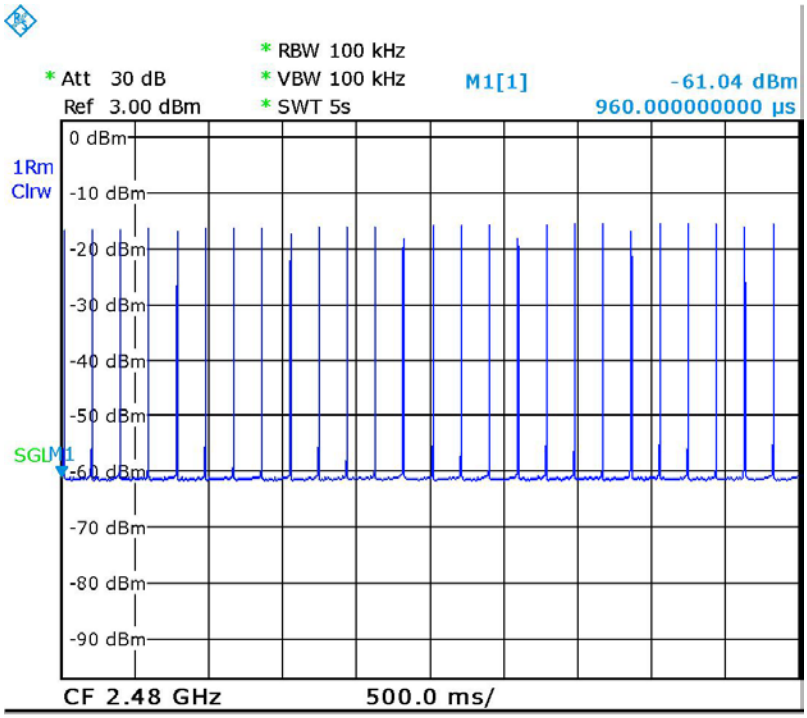


Pulse Width (sec)



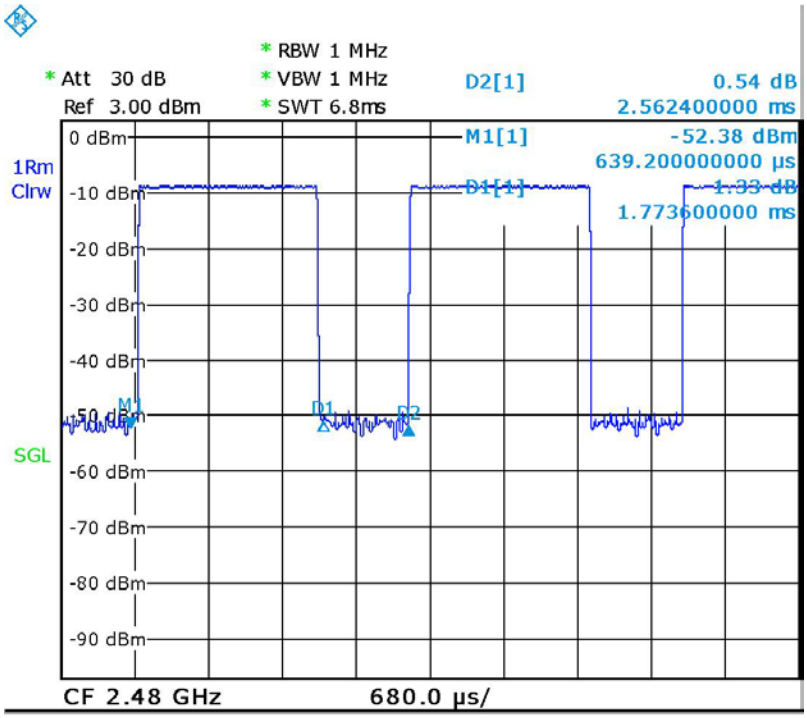
Test Mode : BT (1 Mbps) DH3 Channel : 78

Number of Pulses Per 5 sec



Date: 6.OCT.2015 15:27:03

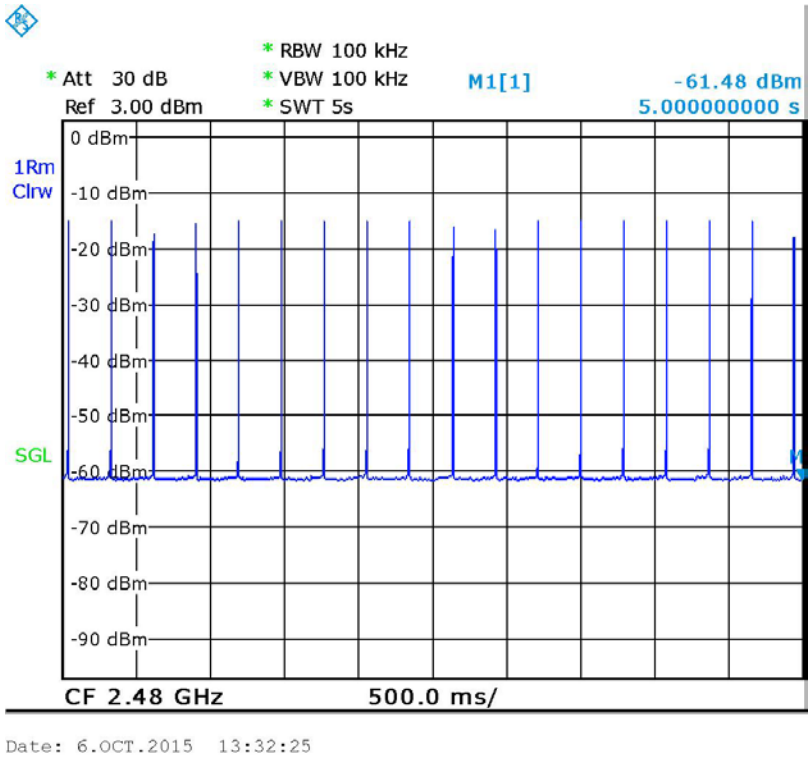
Pulse Width (sec)



Date: 6.OCT.2015 16:13:17

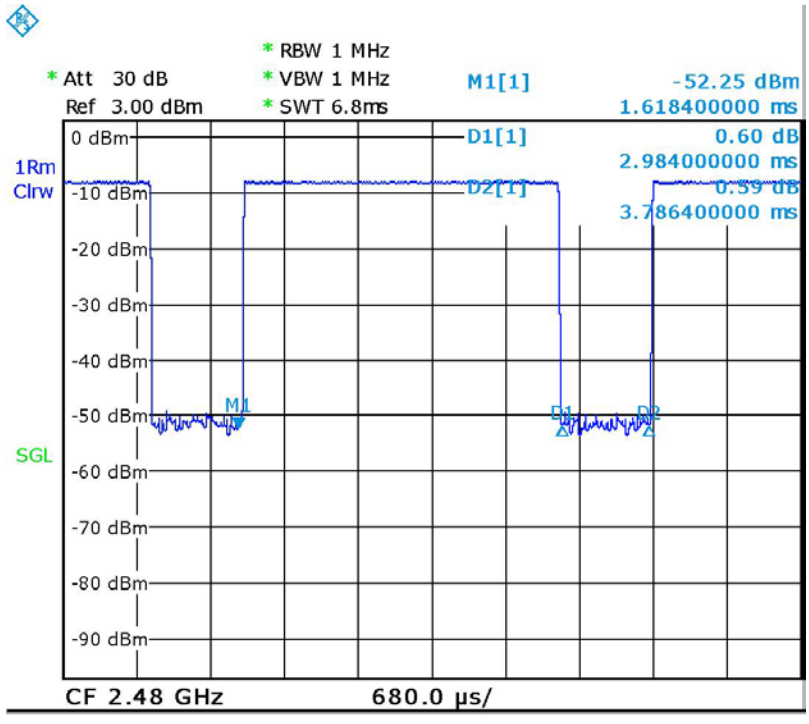
Test Mode : BT (1 Mbps) DH5 Channel : 78

Number of Pulses Per 5 sec



Date: 6.OCT.2015 13:32:25

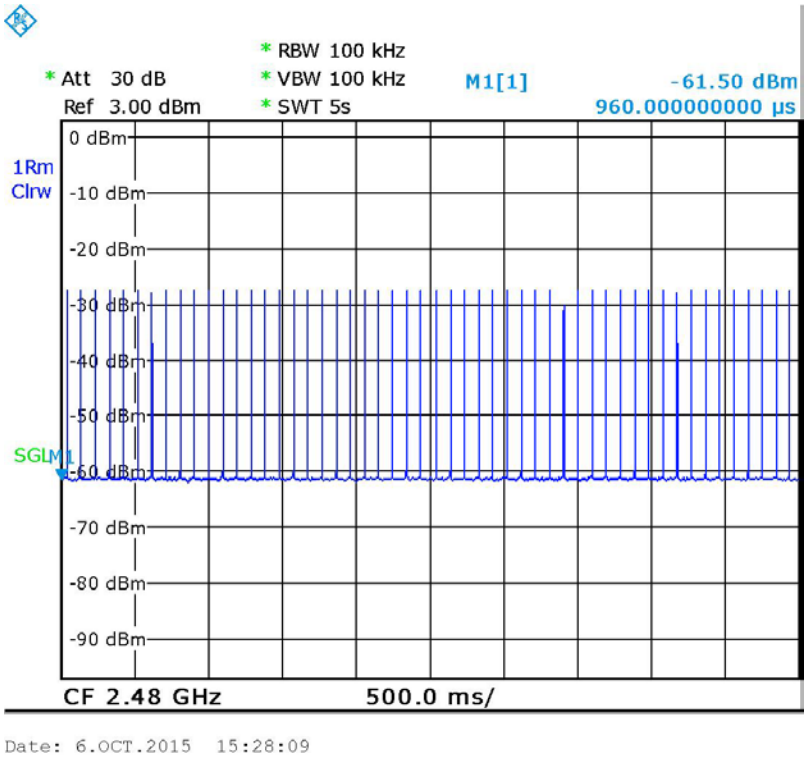
Pulse Width (sec)



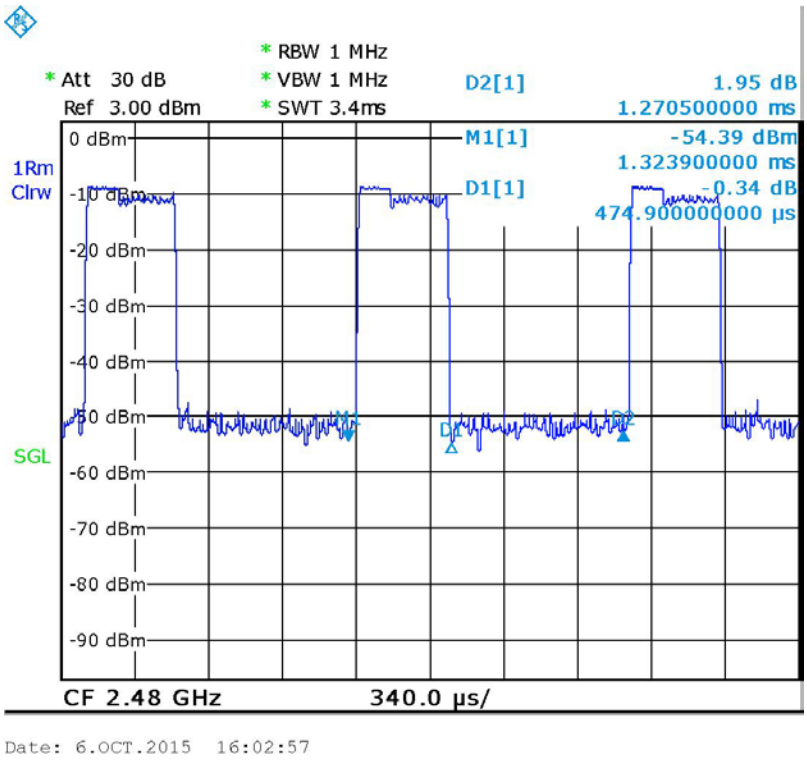
Date: 6.OCT.2015 16:11:59

Temperature	:	22℃	Humidity	:	57%
Test Date	:	06-OCT-2015	Tested by	:	Leon Chen
Test Mode	:	BT (2 Mbps) DH1	Channel	:	78

Number of Pulses Per 5 sec

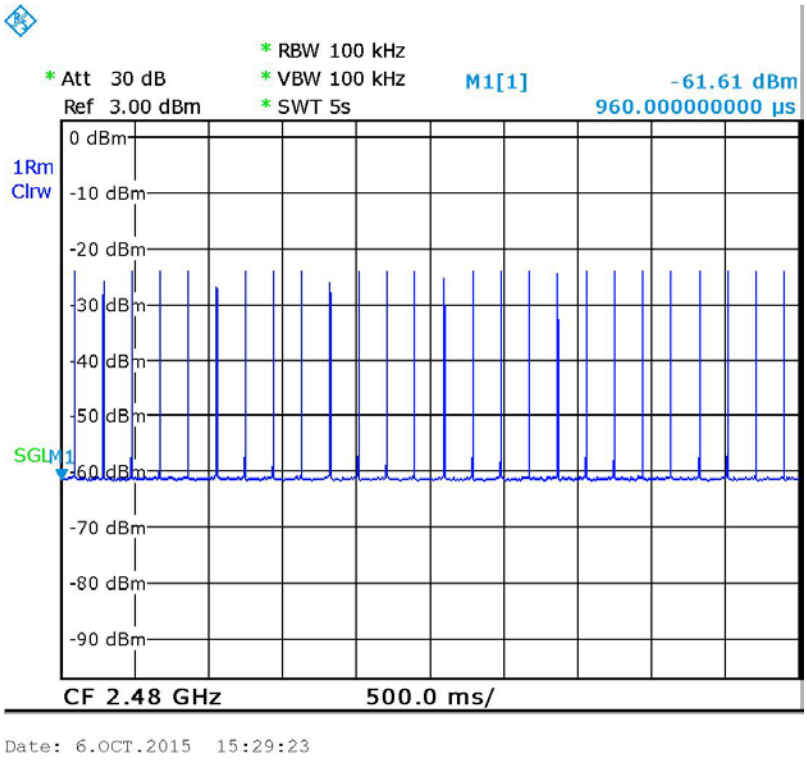


Pulse Width (sec)



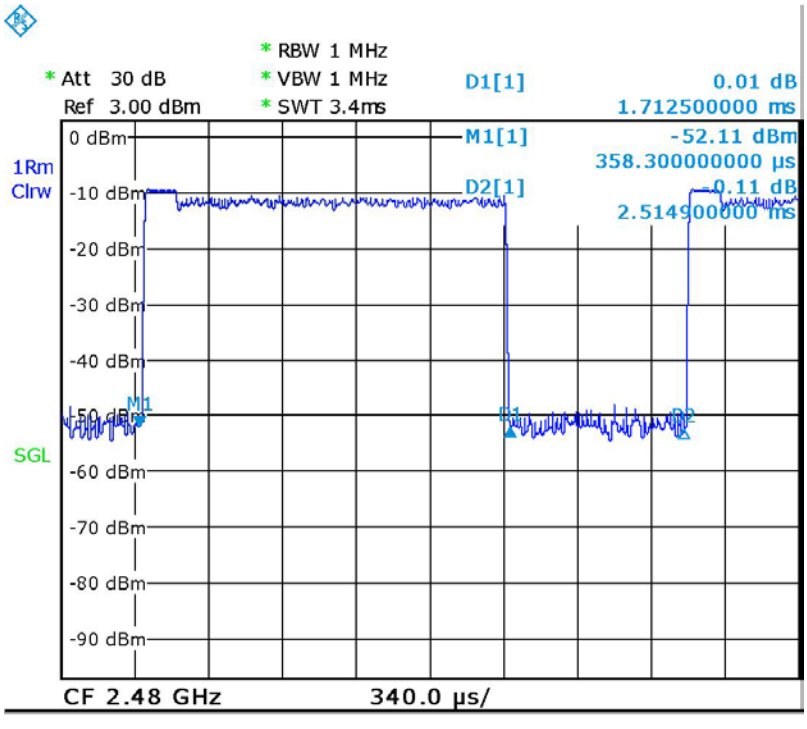
Test Mode : BT (2 Mbps) DH3 Channel : 78

Number of Pulses Per 5 sec



Date: 6.OCT.2015 15:29:23

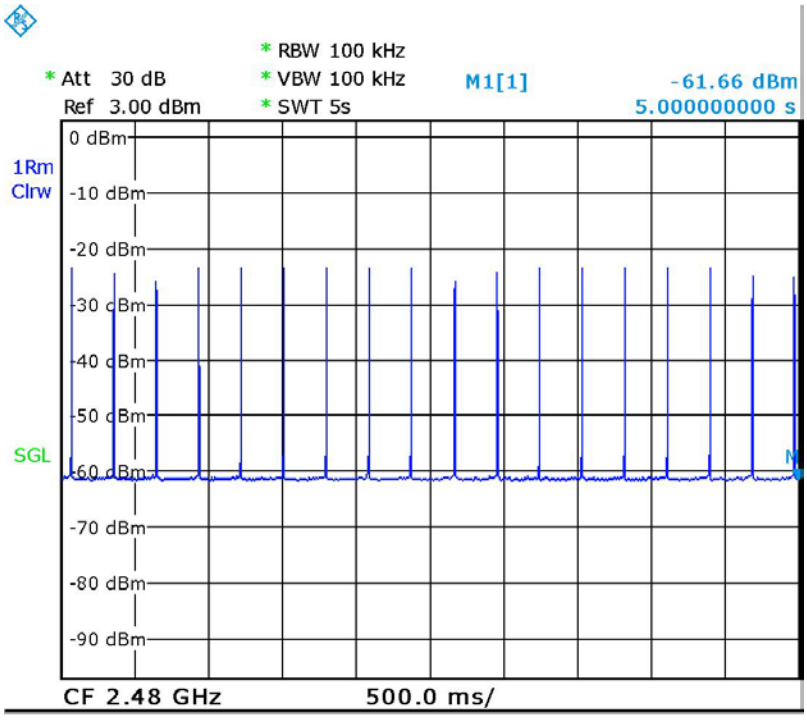
Pulse Width (sec)



Date: 6.OCT.2015 15:52:54

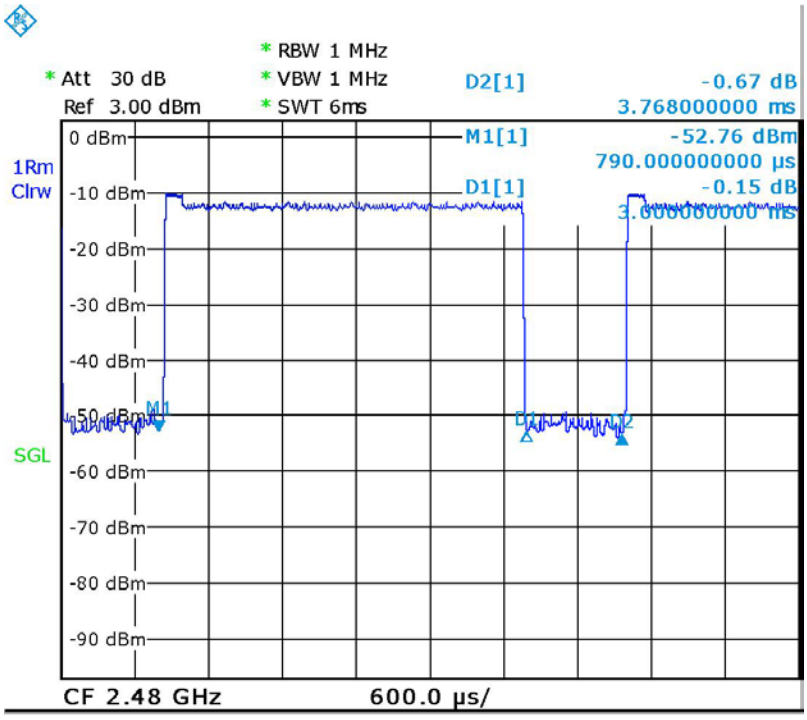
Test Mode : BT (2 Mbps) DH5 Channel : 78

Number of Pulses Per 5 sec



Date: 6.OCT.2015 13:33:46

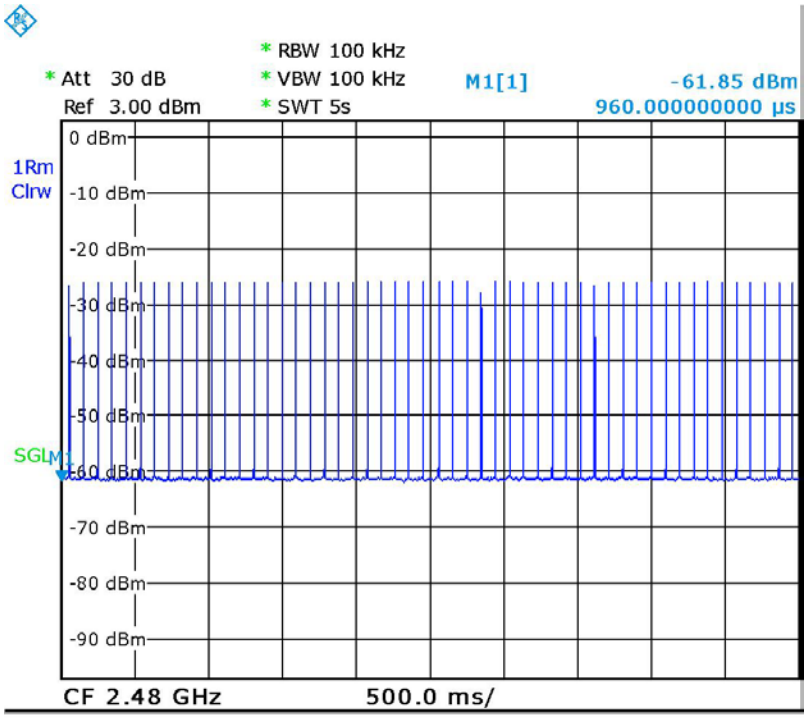
Pulse Width (sec)



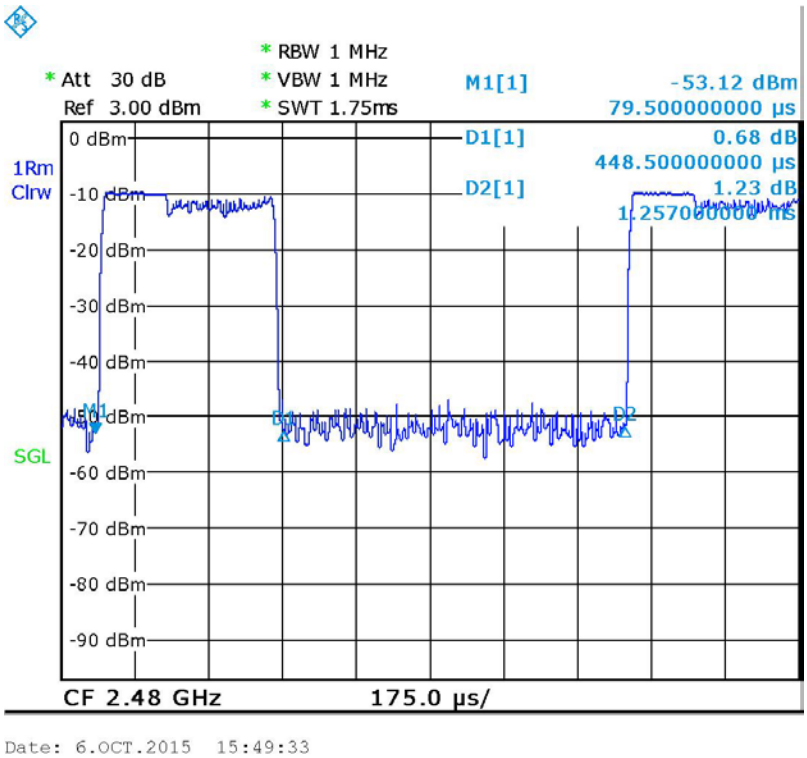
Date: 6.OCT.2015 15:47:23

Temperature	:	22℃	Humidity	:	57%
Test Date	:	06-OCT-2015	Tested by	:	Leon Chen
Test Mode	:	BT (3 Mbps) DH1	Channel	:	78

Number of Pulses Per 5 sec

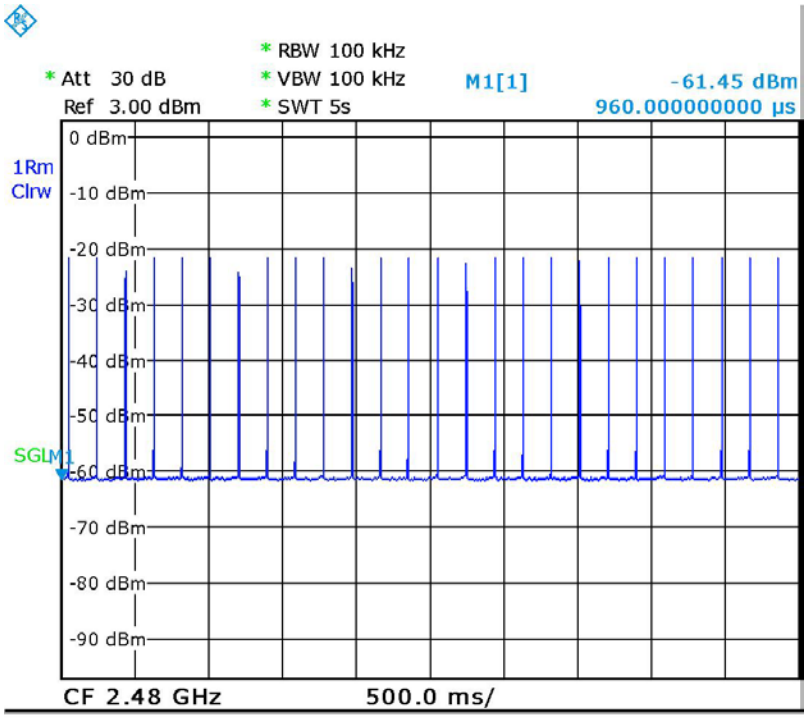


Pulse Width (sec)



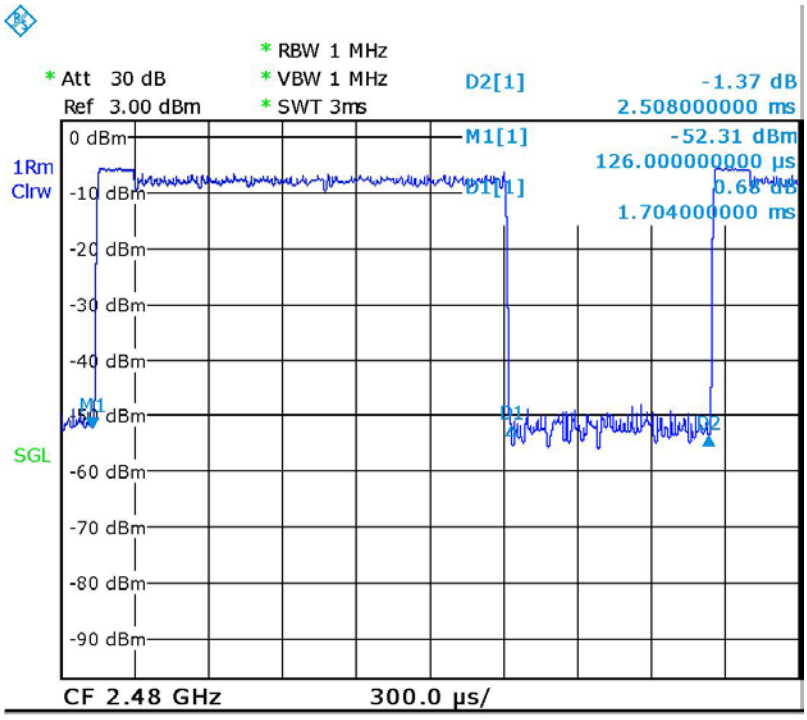
Test Mode : BT (3 Mbps) DH3 Channel : 78

Number of Pulses Per 5 sec



Date: 6.OCT.2015 15:31:29

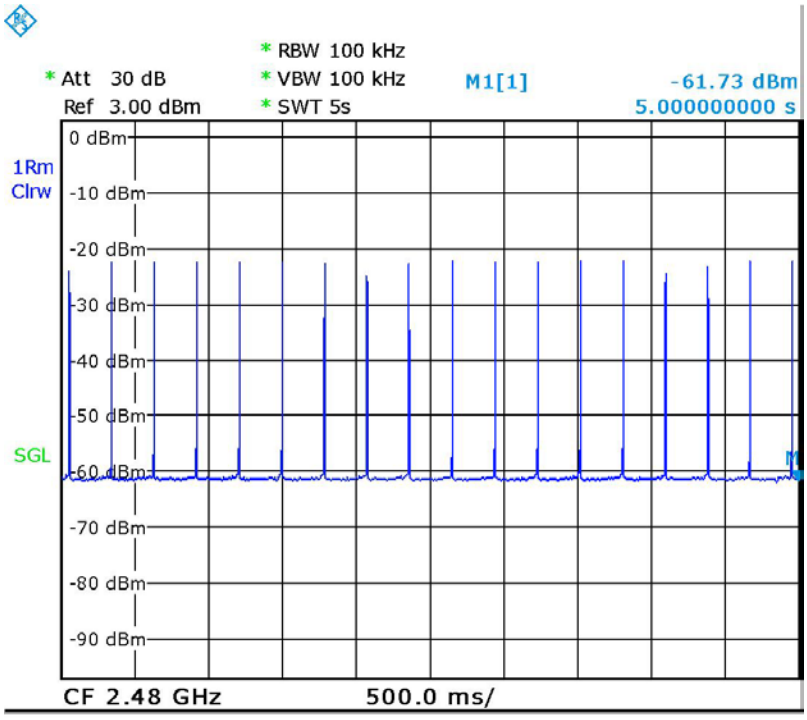
Pulse Width (sec)



Date: 6.OCT.2015 15:41:13

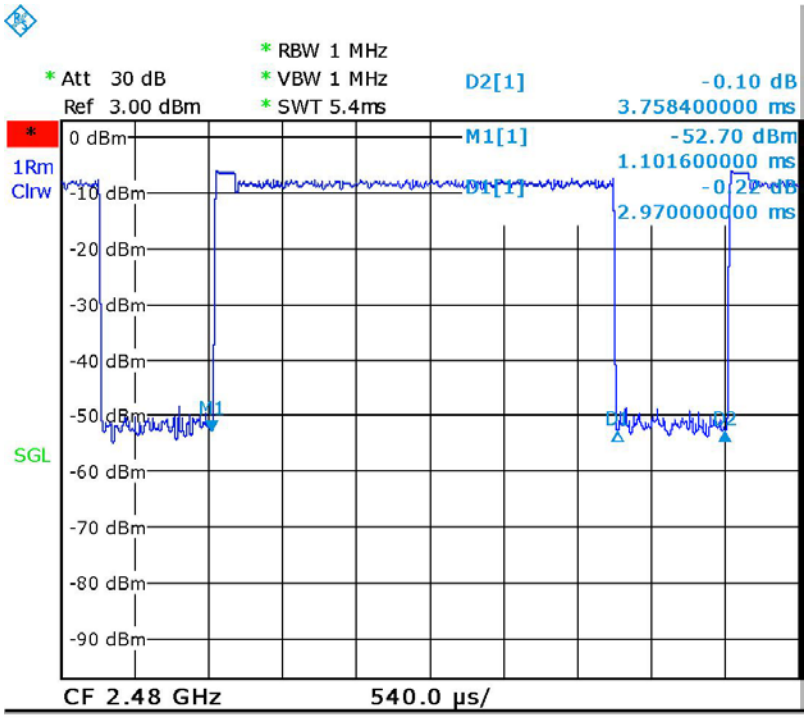
Test Mode : BT (3 Mbps) DH5 Channel : 78

Number of Pulses Per 5 sec



Date: 6.OCT.2015 13:35:17

Pulse Width (sec)



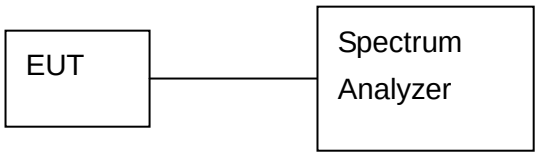
Date: 6.OCT.2015 15:43:25

8 Peak Output Power

8.1 Test Instruments

Refer to Sec. 1.2 Test Instruments.

8.2 Test Arrangement and Procedure



1. The transmitter output was connected to a spectrum analyzer (through an attenuator, if it's necessary).
2. The RBW is set to 3MHz and VBW is set to 3MHz. Span set to 5MHz.
3. Max Hold..

8.3 Limit (§ 15.247(b))

15.247(b) - The maximum peak conducted output power of the intentional radiator shall not exceed the following:

15.247(b)(1) - For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.

15.247(b)(4) - The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

The maximum antenna gain is 3 dBi, therefore, the limit is 30 dBm.

8.4 Test Result

Compliance.

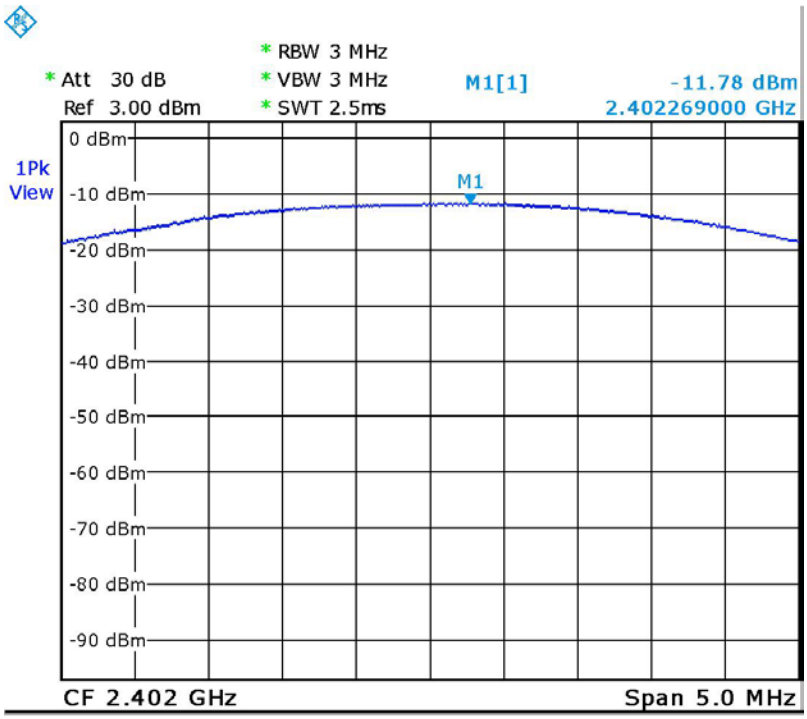
The final test data are shown on the following page(s).

Bluetooth 1 Mbps (DH5)			
Channel	**Frequency (MHz)**	**Result (dBm)**	**Limit (dBm)**
00	2402	-11.78	30
39	2441	-8.89	30
78	2480	-6.29	30

Bluetooth EDR 2 Mbps (DH5)			
Channel	**Frequency (MHz)**	**Result (dBm)**	**Limit (dBm)**
00	2402	-9.21	30
39	2441	-6.26	30
78	2480	-9.41	30

Bluetooth EDR 3 Mbps (DH5)			
Channel	**Frequency (MHz)**	**Result (dBm)**	**Limit (dBm)**
00	2402	-10.4	30
39	2441	-7.36	30
78	2480	-4.98	30

Temperature	:	22℃	Humidity	:	57%
Test Date	:	06-OCT-2015	Tested by	:	Leon Chen
Test Mode	:	BT (1 Mbps) DH5	Channel	:	00



Test Mode : BT (1 Mbps) DH5 Channel : 39