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APPLICATION CERTIFICATION FCC Part 15C On Behalf of Xiamen Prima Technology Inc

Bluetooth module Model No.: BT03B110

FCC ID: 2ADID-BT03B110

Prepared for : Xiamen Prima Technology Inc.

Address : No.178, Xinfeng Road, Xiamen, Fujian, P.R. China

Prepared by : ACCURATE TECHNOLOGY CO., LTD

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Report No. : ATE20161327

Date of Test : May 13, 2016--Jun 29, 2016

Date of Report: Jun 30, 2016

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Test Report Certification

Applicant : Xiamen Prima Technology Inc Manufacturer : Xiamen Prima Technology Inc

EUT Description : Bluetooth module

(A) MODEL NO.: BT03B110

(B) Trade Mark: PRIMA

(C) Voltage: DC $3.3 \sim 5.5$ V

Measurement Procedure Used:

Data of Toot

FCC Rules and Regulations Part 15 Subpart C Section 15.247 ANSI C63.10: 2013

The device described above is tested by ACCURATE TECHNOLOGY CO. LTD to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart C Section 15.247 limits. The measurement results are contained in this test report and ACCURATE TECHNOLOGY CO. LTD is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of ACCURATE TECHNOLOGY CO. LTD.

May 12 2016 Jun 20 2016

Date of Test.	Way 13, 2010Juli 29, 2010
Date of Report:	Jun 30, 2016
Prepared by :	7 in Zhang
	(Tim.zhang, Engineer)
Approved & Authorized Signer : _	Lemb
	(Sean Liu, Manager)



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1. GENERAL INFORMATION

1.1.Description of Device (EUT)

EUT : Bluetooth module

Model Number : BT03B110

Bluetooth version : BT V4.0 Dual Mode

This report is for BT classic mode

Frequency Range : 2402MHz-2480MHz

Number of Channels : 40 for BT V4.0 LE

79 for BT classic mode

Antenna Gain : 2dBi

Antenna type : PIFA Antenna

Trade Name : PRIMA

Test Voltage : DC $3.3 \sim 5.5$ V

Modulation mode : GFSK for BT V4.0 LE

GFSK, π/4 DQPSK, 8DPSK for BT classic mode

Applicant : Xiamen Prima Technology Inc

Address : No.178, Xinfeng Road, Xiamen, Fujian, P.R. China.

Manufacturer : Xiamen Prima Technology Inc

Address : Wanlida, Industry Zone Building C, Nanjing Fujian, P.R.

China.

Date of sample received: May 13, 2016

Date of Test : May 13, 2016--Jun 29, 2016

1.2. Accessory and Auxiliary Equipment

PC Manufacturer: LENOVO

M/N: 4290-RT8

S/N: R9-FW93G 11/08



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1.3.Description of Test Facility

EMC Lab Accredited by TUV Rheinland Shenzhen

Listed by FCC

The Registration Number is 752051

Listed by Industry Canada

The Registration Number is 5077A-2

Accredited by China National Accreditation Committee

for Laboratories

The Certificate Registration Number is L3193

Name of Firm ACCURATE TECHNOLOGY CO. LTD

Site Location F1, Bldg. A, Changyuan New Material Port, Keyuan Rd.

Science & Industry Park, Nanshan, Shenzhen, Guangdong

P.R. China

1.4. Measurement Uncertainty

Conducted Emission Expanded Uncertainty = 2.23dB, k=2

Radiated emission expanded uncertainty 3.08dB, k=2

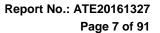
(9kHz-30MHz)

Radiated emission expanded uncertainty 4.42dB, k=2

(30MHz-1000MHz)

Radiated emission expanded uncertainty 4.06dB, k=2

(Above 1GHz)





2. MEASURING DEVICE AND TEST EQUIPMENT

Table 1: List of Test and Measurement Equipment

Kind of equipment	Manufacturer	Туре	S/N	Calibrated dates	Calibrated until
EMI Test Receiver	Rohde&Schwarz	ESCS30	100307	Jan. 10, 2016	Jan. 09, 2017
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	Jan. 10, 2016	Jan. 09, 2017
Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 10, 2016	Jan. 09, 2017
Pre-Amplifier	Rohde&Schwarz	CBLU118354 0-01	3791	Jan. 10, 2016	Jan. 09, 2017
Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan. 14, 2016	Jan. 13, 2017
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan. 14, 2016	Jan. 13, 2017
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan. 14, 2016	Jan. 13, 2017
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	Jan. 14, 2016	Jan. 13, 2017
LISN	Rohde&Schwarz	ESH3-Z5	100305	Jan. 10, 2016	Jan. 09, 2017
LISN	Schwarzbeck	NSLK8126	8126431	Jan. 10, 2016	Jan. 09, 2017
Highpass Filter	Wainwright Instruments	WHKX3.6/18 G-10SS	N/A	Jan. 10, 2016	Jan. 09, 2017
Band Reject Filter	Wainwright Instruments	WRCG2400/2 485-2375/2510 -60/11SS	N/A	Jan. 10, 2016	Jan. 09, 2017





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3. OPERATION OF EUT DURING TESTING

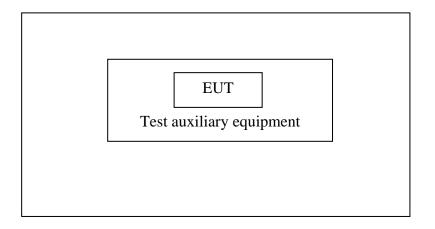
3.1. Operating Mode

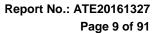
The mode is used: Transmitting mode

Low Channel: 2402MHz Middle Channel: 2441MHz High Channel: 2480MHz

Hopping

3.2.Configuration and peripherals







4. TEST PROCEDURES AND RESULTS

FCC Rules	Description of Test	Result
Section 15.207	Conducted Emission Test	N/A
Section 15.247(a)(1)	20dB Bandwidth Test	Compliant
Section 15.247(a)(1)	Carrier Frequency Separation Test	Compliant
Section 15.247(a)(1)(iii)	Number Of Hopping Frequency Test	Compliant
Section 15.247(a)(1)(iii)	Dwell Time Test	Compliant
Section 15.247(b)(1)	Maximum Peak Output Power Test	Compliant
Section 15.247(d) Section 15.209	Radiated Emission Test	Compliant
Section 15.247(d)	Band Edge Compliance Test	Compliant
Section 15.203	Antenna Requirement	Compliant

Note: The power supply mode of the EUT is DC 3.3-5.5V, According to the FCC standard requirements, conducted emission is not applicable.



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5. 20DB BANDWIDTH TEST

5.1.Block Diagram of Test Setup



(EUT: Bluetooth module)

5.2. The Requirement For Section 15.247(a)(1)

Section 15.247(a)(1): Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater.

5.3.EUT Configuration on Measurement

The equipment are installed on the emission measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

5.4. Operating Condition of EUT

- 5.4.1. Setup the EUT and simulator as shown as Section 5.1.
- 5.4.2. Turn on the power of all equipment.
- 5.4.3.Let the EUT work in TX (Hopping off) modes measure it. The transmit frequency are 2402-2480MHz. We select 2402MHz, 2441MHz, and 2480MHz TX frequency to transmit.

5.5.Test Procedure

- 5.5.1. The transmitter output was connected to the spectrum analyzer through a low loss cable.
- 5.5.2.Set RBW of spectrum analyzer to 30 kHz and VBW to 100 kHz.
- 5.5.3. The 20dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 20dB.



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5.6.Test Result

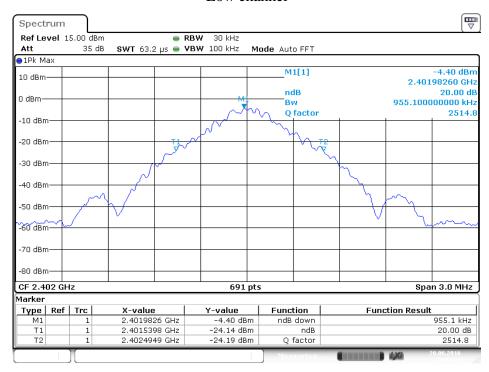
	Channel	Frequency (MHz)	GFSK 20dB Bandwidth (MHz)	∏/4-DQPSK 20dB Bandwidth (MHz)	8DPSK 20dB Bandwidth (MHz)	Result
	Low	2402	0.955	1.363	1.346	Pass
	Middle	2441	0.960	1.363	1.346	Pass
ĺ	High	2480	0.960	1.359	1.350	Pass

The spectrum analyzer plots are attached as below.



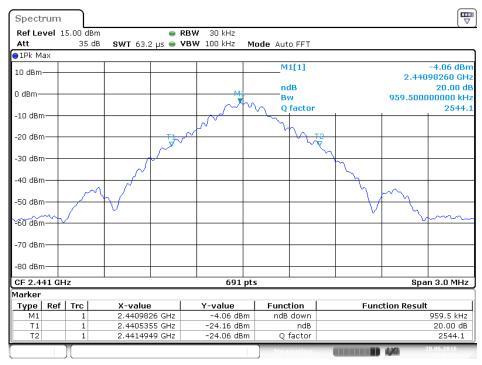
GFSK Mode

Low channel



Date: 20.JUN.2016 15:47:29

Middle channel

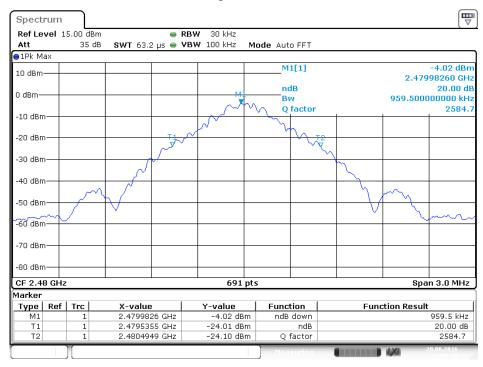


Date: 20.JUN.2016 15:49:15

FCC ID: 2ADID-BT03B110 ACCURATE TECHNOLOGY CO. LTD

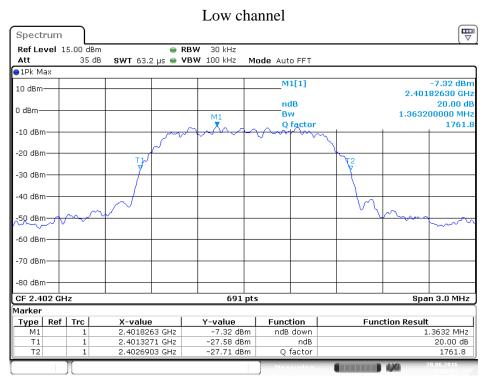


High channel



Date: 20.JUN.2016 15:50:20

∏/4-DQPSK Mode



Date: 20.JUN.2016 15:50:53

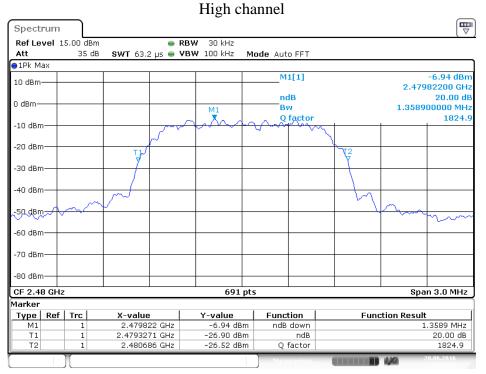


Middle channel \blacksquare Spectrum ● RBW 30 kHz SWT 63.2 µs ● VBW 100 kHz Ref Level 15.00 dBm Mode Auto FFT 35 dB Att ●1Pk Max M1[1] -6.93 dBm 2.44082630 GHz 10 dBm 20.00 dB ndB 0 dBm-1.363200000 MHz M1 Q factor 1790.5 -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm CF 2.441 GHz 691 pts Span 3.0 MHz Marker Type | Ref | Trc Y-value -6.93 dBm Function **Function Result** X-value 2.4408263 GHz 1.3632 MHz ndB down 2.4403271 GHz 2.4416903 GHz ndB Q factor 20.00 dB 1790.5 -26.84 dBm

-27.35 dBm

Date: 20.JUN.2016 15:51:16

Т2

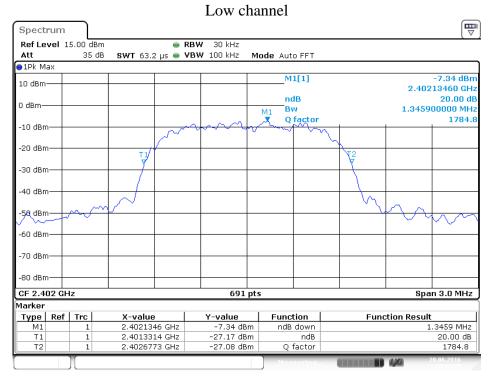


Date: 20.JUN.2016 15:51:39

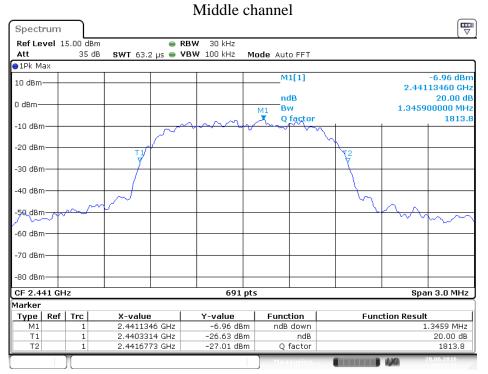
FCC ID: 2ADID-BT03B110 ACCURATE TECHNOLOGY CO. LTD



8DPSK Mode



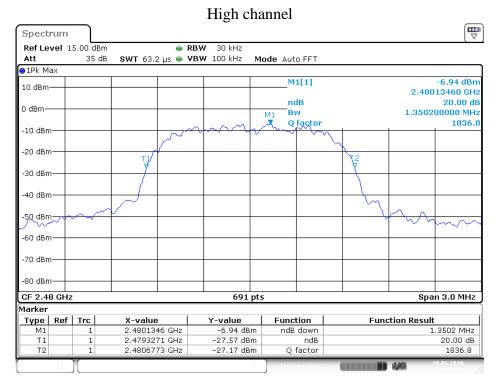
Date: 20.JUN.2016 15:52:05



Date: 20.JUN.2016 15:52:33

FCC ID: 2ADID-BT03B110 ACCURATE TECHNOLOGY CO. LTD





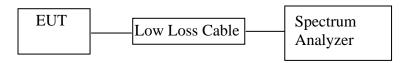
Date: 20.JUN.2016 15:53:03



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6. CARRIER FREQUENCY SEPARATION TEST

6.1.Block Diagram of Test Setup



(EUT: Bluetooth module)

6.2. The Requirement For Section 15.247(a)(1)

Section 15.247(a)(1): Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW. The system shall hop to channel frequencies that are selected at the system hopping rate from a pseudorandomly ordered list of hopping frequencies. Each frequency must be used equally on the average by each transmitter. The system receivers shall have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals.

6.3.EUT Configuration on Measurement

The equipment are installed on the emission measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

6.4. Operating Condition of EUT

- 6.4.1. Setup the EUT and simulator as shown as Section 6.1.
- 6.4.2. Turn on the power of all equipment.
- 6.4.3.Let the EUT work in TX (Hopping on) modes measure it. The transmit frequency are 2402-2480MHz. We select 2402MHz, 2441MHz, and 2480MHz TX frequency to transmit.

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6.5.Test Procedure

- 6.5.1.The transmitter output was connected to the spectrum analyzer through a low loss cable.
- 6.5.2.Set RBW of spectrum analyzer to 30 kHz and VBW to 100 kHz. Adjust Span to 2MHz.
- 6.5.3.Set the adjacent channel of the EUT Maxhold another trace.
- 6.5.4. Measurement the channel separation

6.6.Test Result

GFSK

OIBIX				
Channel	Frequency	Channel	Limit	Result
Chamie	(MHz)	Separation(MHz)	(MHz)	Kesuit
T avv	2402	1 0022	25KHz or 20dB	DACC
Low	2403	1.0022	bandwidth	PASS
Middle	2440	1.0014	25KHz or20dB	DACC
	2441		bandwidth	PASS
High	2479	1.0014	25KHz or 20dB	DACC
	2480	1.0014	bandwidth	PASS

$\Pi/4$ -DOPSK

Channel	Frequency (MHz)	Channel Separation(MHz)	Limit (MHz)	Result
Low	2402	1.0029	25KHz or 2/3*20dB	PASS
2011	2403 2440	1.002	bandwidth 25KHz or 2/3*20dB	
Middle	2441	1.0072	bandwidth	PASS
High	2479	1.0029	25KHz or 2/3*20dB	PASS
	2480	1.002)	bandwidth	17100

8DPSK

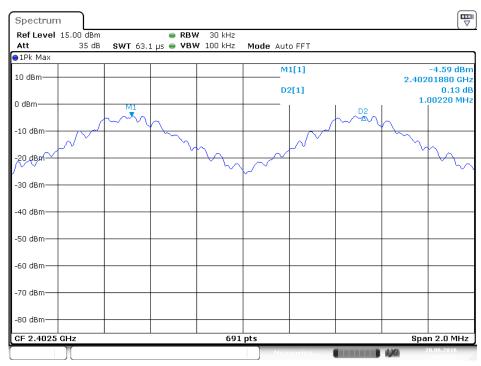
Frequency (MHz)	Channel Separation(MHz)	Limit (MHz)	Result
2402	1.0029	25KHz or 2/3*20dB	PASS
2403	1.0072	25KHz or 2/3*20dB	DAGG
2441	1.0072	bandwidth	PASS
	1.0072		PASS
	(MHz) 2402 2403 2440	(MHz) Separation(MHz) 2402 1.0029 2403 1.0072 2440 1.0072 2479 1.0072	(MHz) Separation(MHz) (MHz) 2402 1.0029 25KHz or 2/3*20dB bandwidth 2403 1.0072 25KHz or 2/3*20dB bandwidth 2440 1.0072 25KHz or 2/3*20dB bandwidth 2479 25KHz or 2/3*20dB

The spectrum analyzer plots are attached as below.



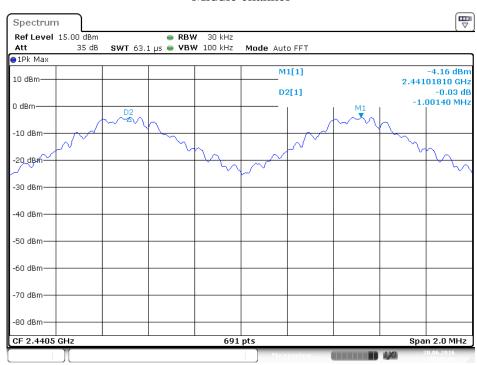
GFSK Mode

Low channel

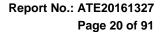


Date: 20.JUN.2016 16:21:57

Middle channel

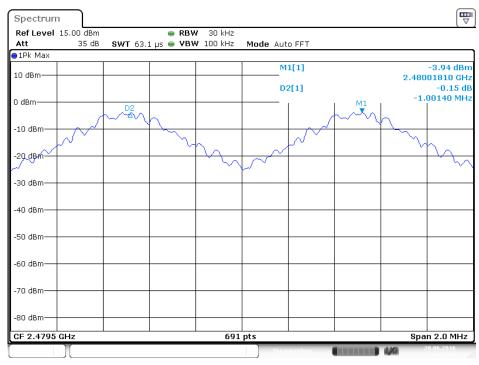


Date: 20.JUN.2016 16:25:49



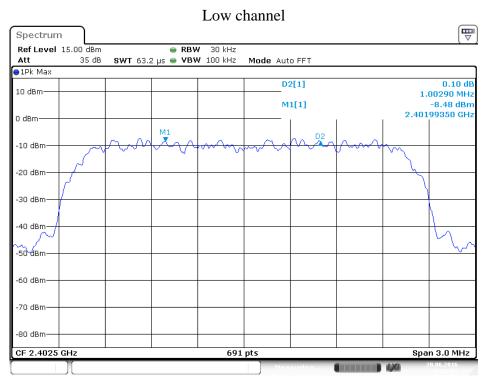


High channel



Date: 20.JUN.2016 16:28:01

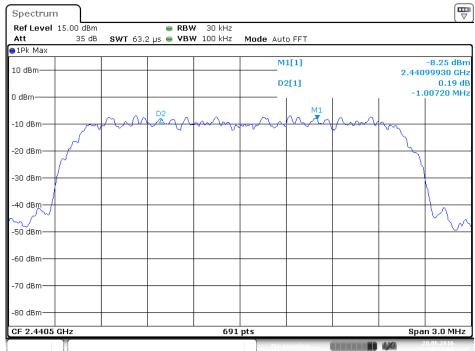
$\Pi/4$ -DQPSK Mode



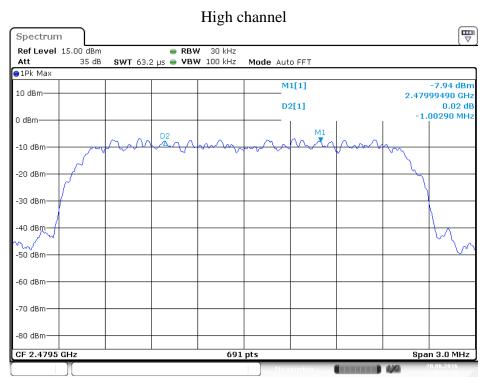
Date: 20.JUN.2016 16:30:02



Middle channel



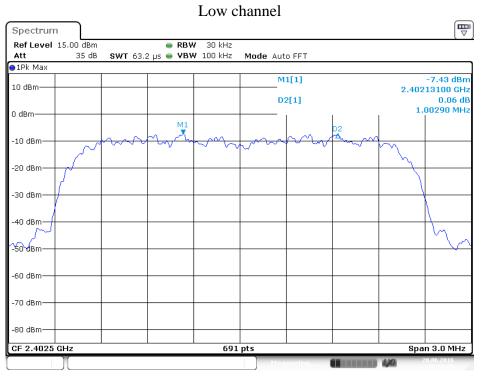
Date: 20.JUN.2016 16:31:08



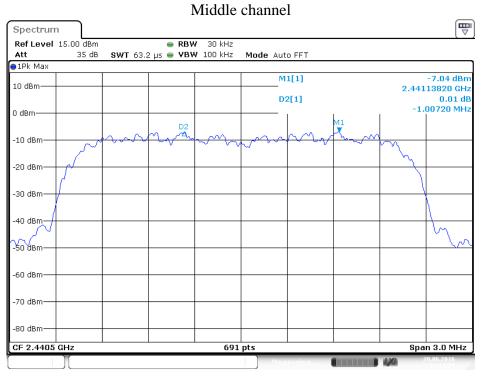
Date: 20.JUN.2016 16:32:18



8DPSK Mode



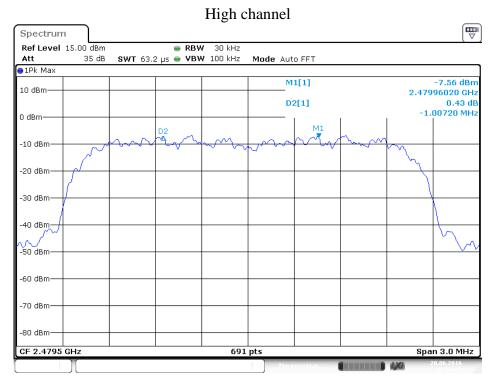
Date: 20.JUN.2016 16:33:35



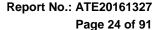
Date: 20.JUN.2016 16:34:25



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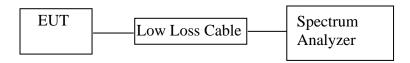
Date: 20.JUN.2016 16:36:03





7. NUMBER OF HOPPING FREQUENCY TEST

7.1.Block Diagram of Test Setup



(EUT: Bluetooth module)

7.2. The Requirement For Section 15.247(a)(1)(iii)

Section 15.247(a)(1)(iii): Frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels.

7.3.EUT Configuration on Measurement

The equipment are installed on the emission measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

7.4. Operating Condition of EUT

- 7.4.1. Setup the EUT and simulator as shown as Section 7.1.
- 7.4.2. Turn on the power of all equipment.
- 7.4.3.Let the EUT work in TX (Hopping on) modes measure it.

7.5.Test Procedure

- 7.5.1.The transmitter output was connected to the spectrum analyzer through a low loss cable.
- 7.5.2.Set the spectrum analyzer as Span=83.5MHz, RBW=100 kHz, VBW=300 kHz.
- 7.5.3.Max hold, view and count how many channel in the band.

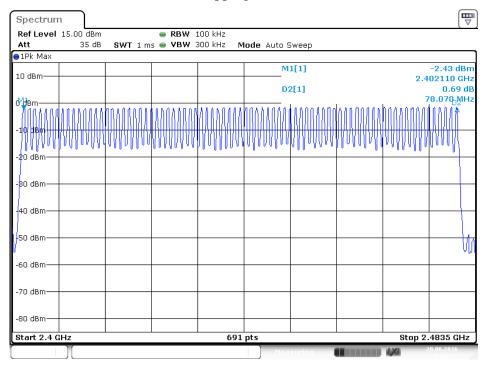


7.6.Test Result

Total number of	Measurement result(CH)	Limit(CH)
hopping channel	79	≥15

The spectrum analyzer plots are attached as below.

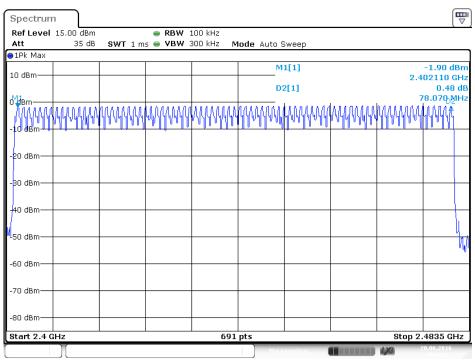
Number of hopping channels(GFSK)



Date: 20.JUN.2016 16:09:37

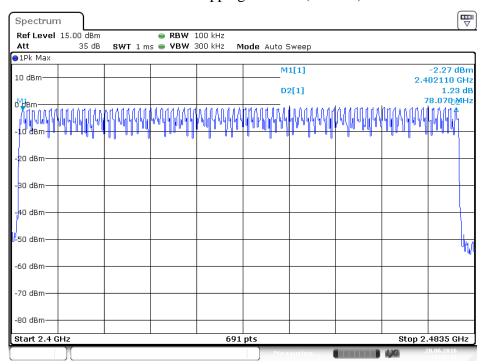


Number of hopping channels $(\Pi/4\text{-DQPSK})$



Date: 20.JUN.2016 16:14:23

Number of hopping channels(8DPSK)



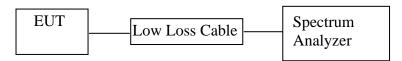
Date: 20.JUN.2016 16:18:26



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8. DWELL TIME TEST

8.1.Block Diagram of Test Setup



(EUT: Bluetooth module)

8.2. The Requirement For Section 15.247(a)(1)(iii)

Section 15.247(a)(1)(iii): Frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used.

8.3.EUT Configuration on Measurement

The equipment are installed on the emission measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

8.4. Operating Condition of EUT

- 8.4.1. Setup the EUT and simulator as shown as Section 8.1.
- 8.4.2. Turn on the power of all equipment.
- 8.4.3.Let the EUT work in TX (Hopping on) modes measure it. The transmit frequency are 2402-2480MHz. We select 2402MHz, 2441MHz, and 2480MHz TX frequency to transmit.

8.5.Test Procedure

- 8.5.1.The transmitter output was connected to the spectrum analyzer through a low loss cable.
- 8.5.2.Set center frequency of spectrum analyzer = operating frequency.
- 8.5.3.Set the spectrum analyzer as RBW=1MHz, VBW=3MHz, Span=0Hz, Adjust Sweep=5ms, 10ms, 15ms. Get the pulse time.



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8.5.4.Repeat above procedures until all frequency measured were complete.

8.6.Test Result

GFSK Mode

Mode	Channel Frequency (MHz)	Pulse Time (ms)	Dwell Time (ms)	Limit (ms)		
	2402	0.428	136.96	400		
DH1	2441	0.438	140.16	400		
	2480	0.442	141.44	400		
A period to	A period transmit time = $0.4 \times 79 = 31.6$ Dwell time = pulse time $\times (1600/(2*79)) \times 31.6$					
	2402	1.746	279.36	400		
DH3	2441	1.790	286.40	400		
	2480	1.761	281.76	400		
A period to	ransmit time = $0.4 \times 79 =$	31.6 Dwell time = pt	alse time \times (1600/(4*)	79))×31.6		
	2402	2.978	317.65	400		
DH5	2441	2.978	317.65	400		
	2480	3.000	320.00	400		
A period transr	A period transmit time = $0.4 \times 79 = 31.6$ Dwell time = pulse time $\times (1600/(6*79)) \times 31.6$					

$\Pi/4$ -DQPSK

Mode	Channel Frequency (MHz)	Pulse Time (ms)	Dwell Time (ms)	Limit (ms)		
	2402	0.446	142.72	400		
DH1	2441	0.442	141.44	400		
	2480	0.438	140.16	400		
A period to	A period transmit time = $0.4 \times 79 = 31.6$ Dwell time = pulse time $\times (1600/(2*79)) \times 31.6$					
	2402	1.714	274.24	400		
DH3	2441	1.714	274.24	400		
	2480	1.728	276.48	400		
A period to	ransmit time = $0.4 \times 79 =$	31.6 Dwell time = pt	alse time \times (1600/(4*)	79))×31.6		
	2402	3.000	320.00	400		
DH5	2441	3.022	322.35	400		
	2480	2.978	317.65	400		
A period transr	A period transmit time = $0.4 \times 79 = 31.6$ Dwell time = pulse time $\times (1600/(6*79)) \times 31.6$					

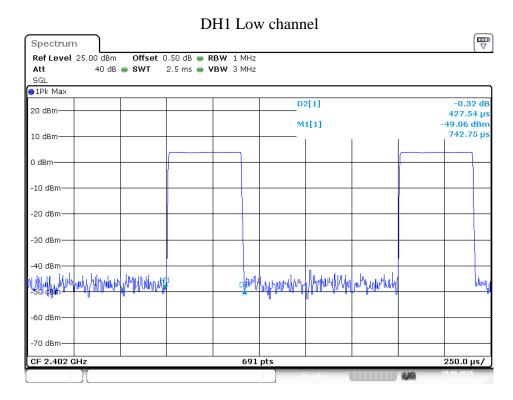


8DPSK Mode

Mode	Channel Frequency (MHz)	Pulse Time (ms)	Dwell Time (ms)	Limit (ms)
DH1	2402	0.449	143.68	400
	2441	0.446	142.72	400
	2480	0.446	142.72	400
A period transmit time = $0.4 \times 79 = 31.6$ Dwell time = pulse time $\times (1600/(2*79)) \times 31.6$				
DH3	2402	1.736	277.76	400
	2441	1.721	275.36	400
	2480	1.736	277.76	400
A period transmit time = $0.4 \times 79 = 31.6$ Dwell time = pulse time $\times (1600/(4*79)) \times 31.6$				
DH5	2402	3.040	324.27	400
	2441	2.975	317.33	400
	2480	3.062	326.61	400
A period transmit time = $0.4 \times 79 = 31.6$ Dwell time = pulse time $\times (1600/(6*79)) \times 31.6$				

The spectrum analyzer plots are attached as below.

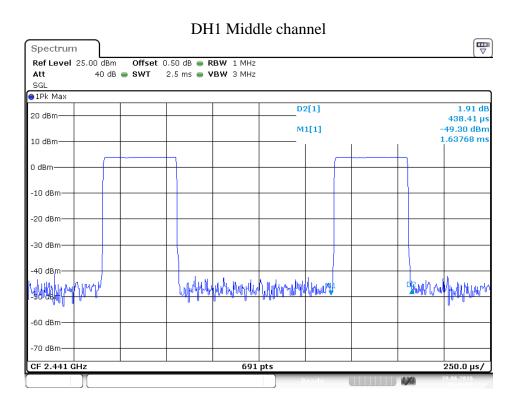
GFSK Mode



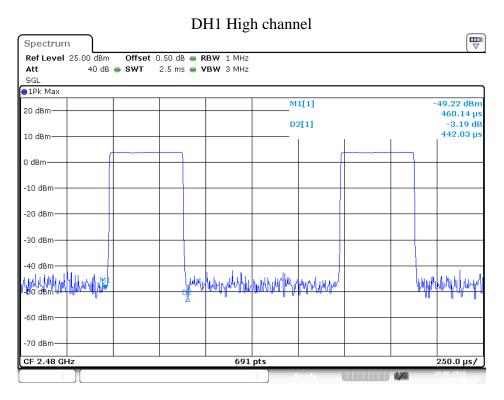
Date: 20.JUN.2016 15:47:20

FCC ID: 2ADID-BT03B110 ACCURATE TECHNOLOGY CO. LTD





Date: 20.JUN.2016 15:49:50



Date: 20.JUN.2016 15:50:48

1.0 ms/

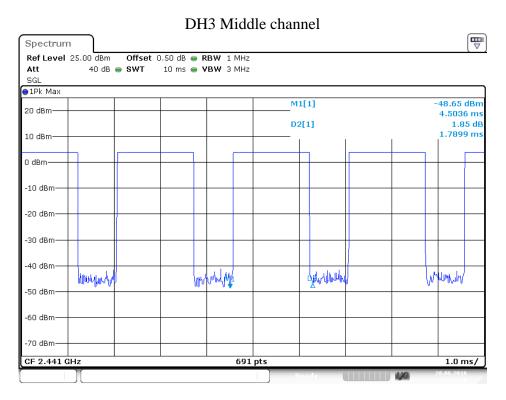


DH3 Low channel Spectrum Ref Level 25.00 dBm Offset 0.50 dB 🖷 RBW 1 MHz 40 dB 🅌 SWT 10 ms 🅌 **VBW** 3 MHz Att SGL ●1Pk Max M1[1] 45.39 dBn 20 dBm-3.8949 ms D2[1] 0.72 dB 1.7464 ms 10 dBm 0 dBm--10 dB -20 dB -30 dB 40 dB White Market Mar ^Lochtenphild Burney B -50 dBm -60 dBm -70 dBm

691 pts

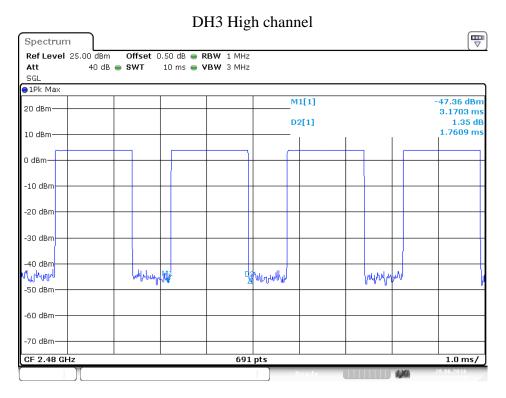
Date: 20.JUN.2016 15:52:54

CF 2.402 GHz

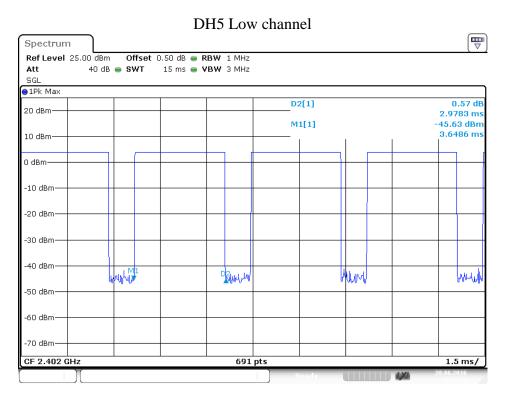


Date: 20.JUN.2016 15:53:38





Date: 20.JUN.2016 15:54:25

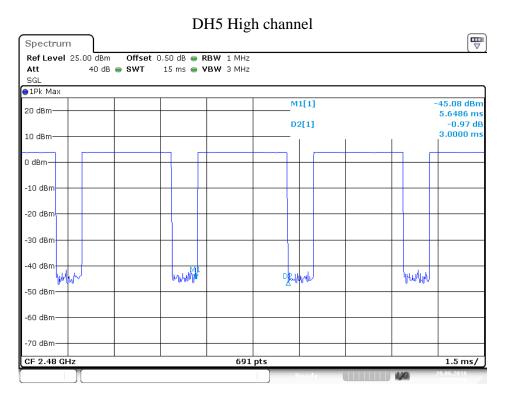


Date: 20.JUN.2016 15:57:51



DH5 Middle channel Spectrum Ref Level 25.00 dBm Offset 0.50 dB RBW 1 MHz 40 dB 🅌 SWT 15 ms 🅌 **VBW** 3 MHz Att SGL ●1Pk Max M1[1] 47.12 dBm 20 dBm-6.0399 ms D2[1] 1.60 dB 2.9783 ms 10 dBm-0 dBm--10 dBm -20 dBm--30 dBm -40 dBm-MANAN Lyth M Shaper of the state of the stat Щири -50 dBm -60 dBm -70 dBm CF 2.441 GHz 691 pts 1.5 ms/

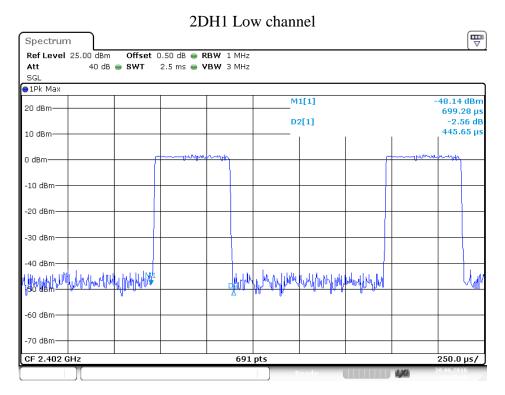
Date: 20.JUN.2016 15:57:03



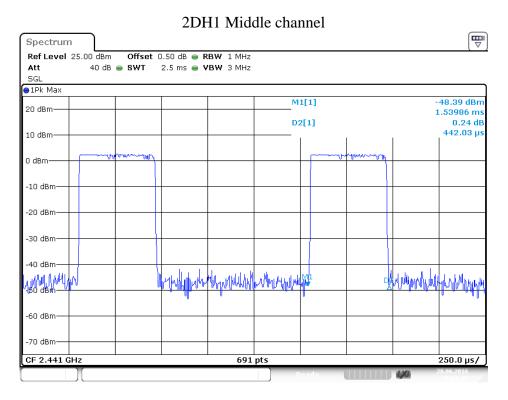
Date: 20.JUN.2016 15:56:09



\prod /4-DQPSK

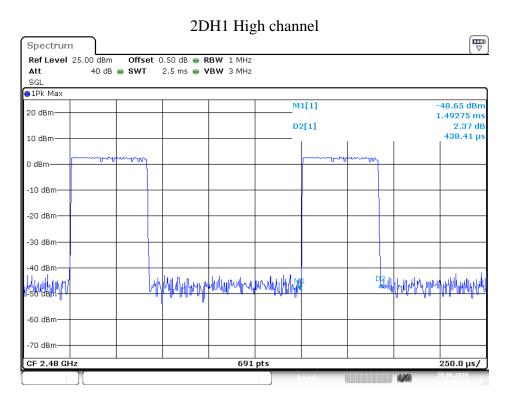


Date: 20.JUN.2016 16:00:11

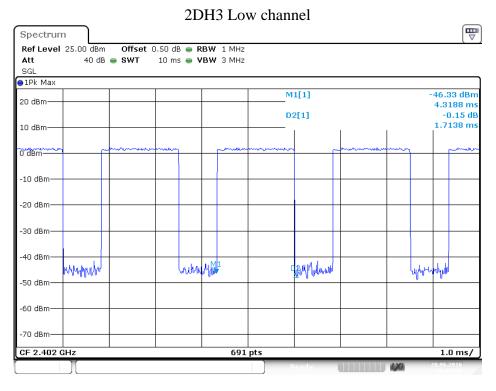


Date: 20.JUN.2016 16:01:19





Date: 20.JUN.2016 16:01:53



Date: 20.JUN.2016 16:03:40

1.0 ms/



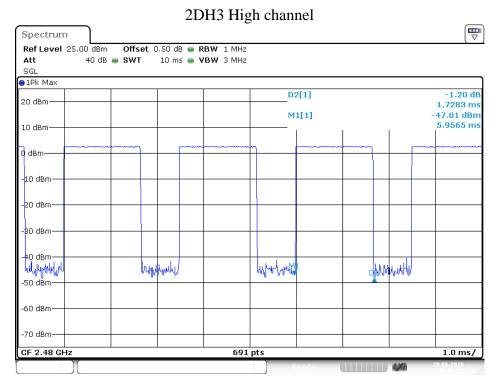
2DH3 Middle channel Spectrum Ref Level 25.00 dBm Offset 0.50 dB RBW 1 MHz 10 ms 🅌 **VBW** 3 MHz Att 40 dB 🅌 SWT SGL ●1Pk Max D2[1] 1.81 dB 20 dBm-1.7138 ms M1[1] -45.72 dBm 3.5217 ms 10 dBm 0 dBm-10 dBm -20 dBm-GO dBm-40 dBm-4/4////wy/ Նայներել -50 dBm -60 dBm

691 pts

Date: 20.JUN.2016 16:05:30

-70 dBm

CF 2.441 GHz



Date: 20.JUN.2016 16:06:26

1.5 ms/

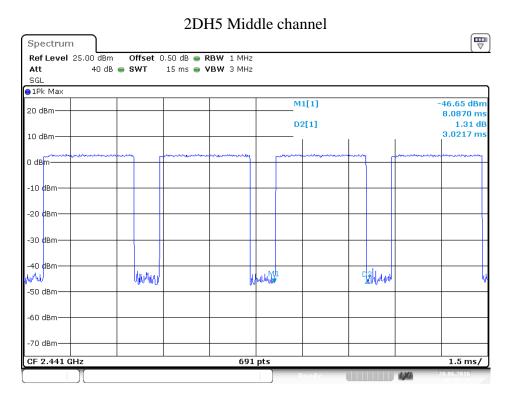


2DH5 Low channel Spectrum Ref Level 25.00 dBm Offset 0.50 dB 🖷 RBW 1 MHz 40 dB 🅌 SWT 15 ms 🅌 **VBW** 3 MHz Att SGL ●1Pk Max M1[1] 45.73 dBm 20 dBm-6.7391 ms D2[1] 1.33 dB 3.0000 ms 10 dBm 0 dBm— -10 dBm -20 dBm--30 dBm--40 dBmd Marie Mynu uyuyy -50 dBm -60 dBm -70 dBm

691 pts

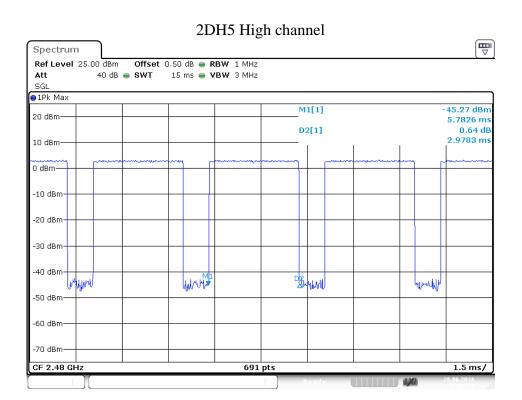
Date: 20.JUN.2016 16:07:43

CF 2.402 GHz



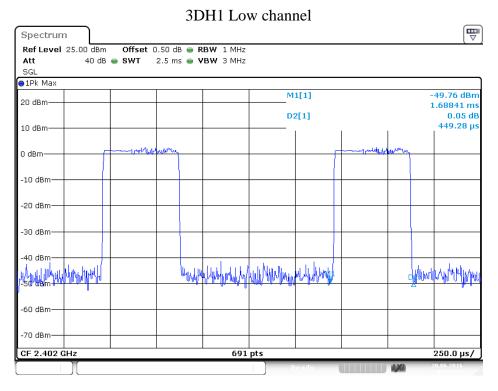
Date: 20.JUN.2016 16:08:26





Date: 20.JUN.2016 16:09:00

8DPSK Mode



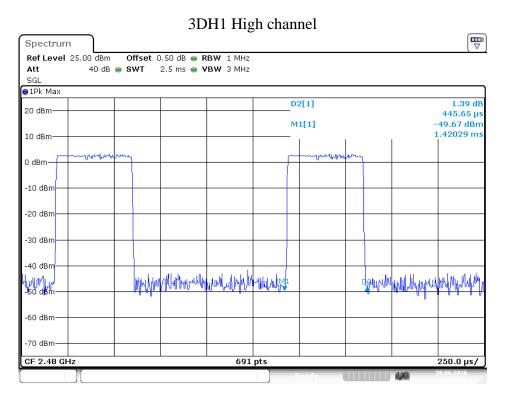
Date: 20.JUN.2016 16:11:15

250.0 µs/



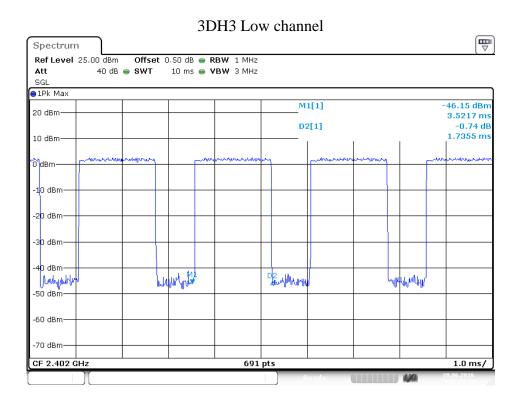
3DH1 Middle channel Spectrum Ref Level 25.00 dBm Offset 0.50 dB RBW 1 MHz 2.5 ms 🅌 **VBW** 3 MHz Att 40 dB 🅌 SWT SGL ●1Pk Max M1[1] 48.94 dBm 20 dBm 1.01087 ms D2[1] 1.87 dB 445.65 μs 10 dBm o dBm— -10 dBm -20 dBm -30 dBm -40 dBm -70 dBm CF 2.441 GHz 691 pts

Date: 20.JUN.2016 16:12:15

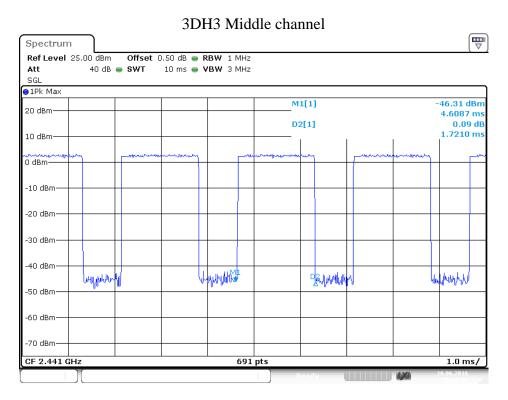


Date: 20.JUN.2016 16:12:52



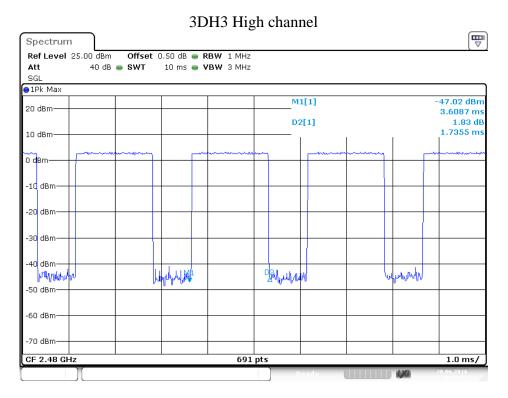


Date: 20.JUN.2016 16:13:45

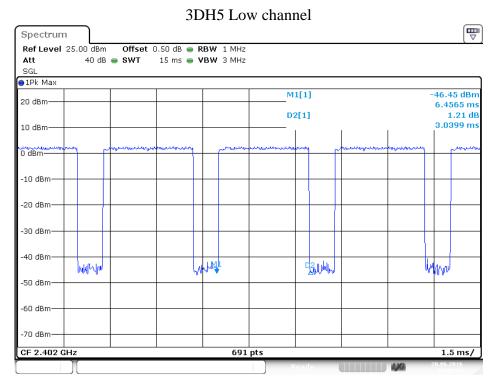


Date: 20.JUN.2016 16:14:20





Date: 20.JUN.2016 16:15:02



Date: 20.JUN.2016 16:15:54

1.5 ms/



DSVIMI

691 pts

Date: 20.JUN.2016 16:16:28

Spectrum

Ref Level 25.00 dBm

Att SGL • 1Pk Max

20 dBm-

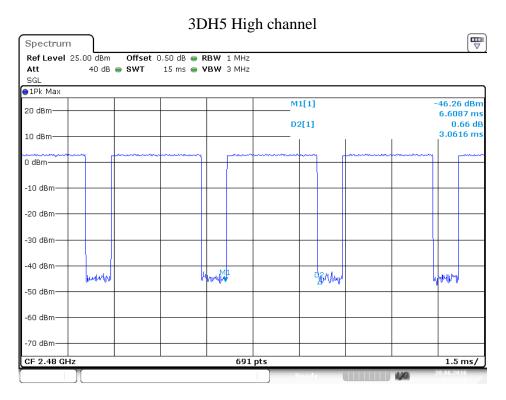
10 dBm-0 dBm--10 dBm -20 dBm

-40 dBm-

-50 dBm

-70 dBm

CF 2.441 GHz



Date: 20.JUN.2016 16:17:05

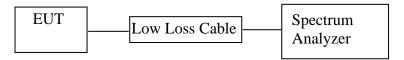


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9. MAXIMUM PEAK OUTPUT POWER TEST

9.1.Block Diagram of Test Setup



(EUT: Bluetooth module)

9.2. The Requirement For Section 15.247(b)(1)

Section 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.

9.3.EUT Configuration on Measurement

The equipment are installed on the emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

9.4. Operating Condition of EUT

- 9.4.1. Setup the EUT and simulator as shown as Section 9.1.
- 9.4.2. Turn on the power of all equipment.
- 9.4.3.Let the EUT work in TX (Hopping off) modes measure it. The transmit frequency are 2402-2480MHz. We select 2402MHz, 2441MHz, and 2480MHz TX frequency to transmit.

9.5.Test Procedure

- 9.5.1. The transmitter output was connected to the spectrum analyzer through a low loss cable.
- 9.5.2.Set RBW of spectrum analyzer to 1MHz and VBW to 3MHz for GFSK mode
- 9.5.3.Set RBW of spectrum analyzer to 3MHz and VBW to 3MHz for other mode
- 9.5.4. Measurement the maximum peak output power.



9.6.Test Result

GFSK Mode

Channel	Frequency (MHz)	Peak Output Power (dBm/W)	Limits dBm / W
Low	2402	-1.65/0.0007	30 / 1.0
Middle	2441	-1.32/0.0007	30 / 1.0
High	2480	-1.31/0.0007	30 / 1.0

Π /4-DQPSK Mode

Channel	Frequency (MHz)	Peak Output Power (dBm/W)	Limits dBm / W
Low	2402	0.82/0.0012	21 / 0.125
Middle	2441	1.35/0.0014	21 / 0.125
High	2480	1.37/0.0014	21 / 0.125

8DPSK Mode

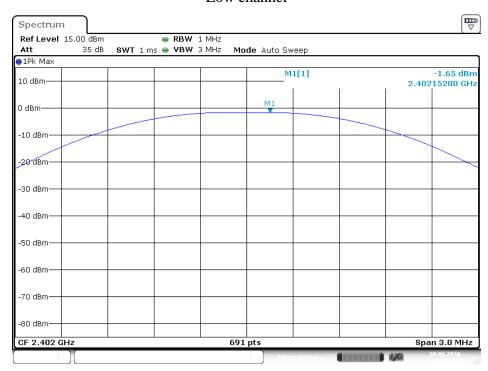
Channel	Frequency (MHz)	Peak Output Power (dBm/W)	Limits dBm / W
Low	2402	1.27/0.0013	21 / 0.125
Middle	2441	1.63/0.0015	21 / 0.125
High	2480	1.66/0.0015	21 / 0.125

The spectrum analyzer plots are attached as below.



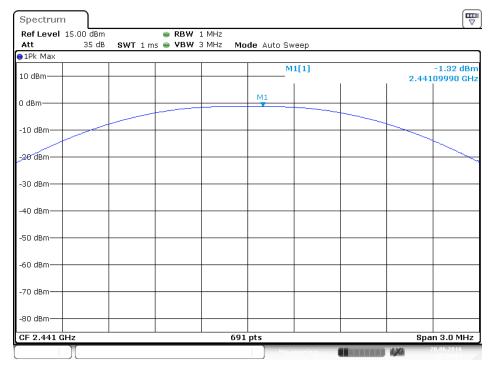
GFSK Mode

Low channel

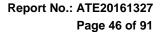


Date: 20.JUN.2016 15:55:34

Middle channel

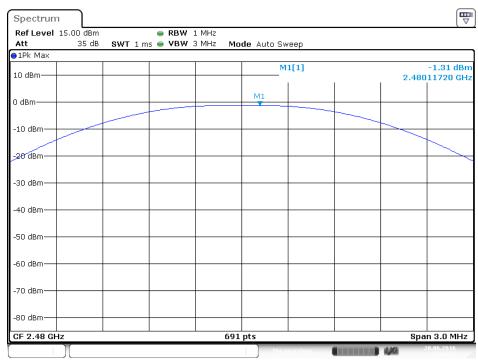


Date: 20.JUN.2016 15:56:04





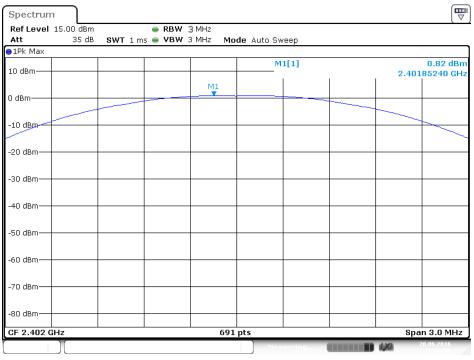
High channel



Date: 20.JUN.2016 15:56:28

∏/4-DQPSK Mode

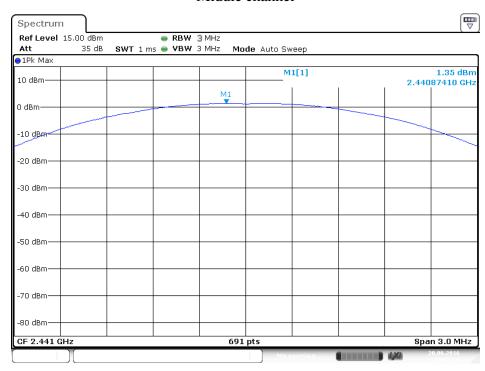
Low channel



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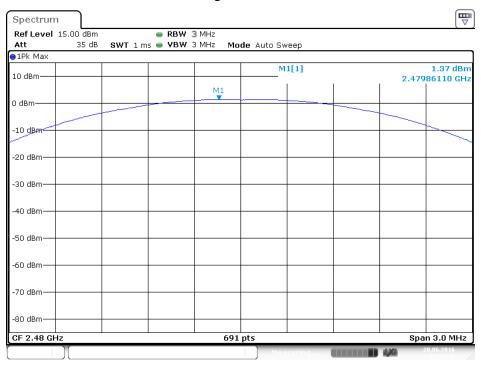


Middle channel



Date: 20.JUN.2016 15:57:20

High channel

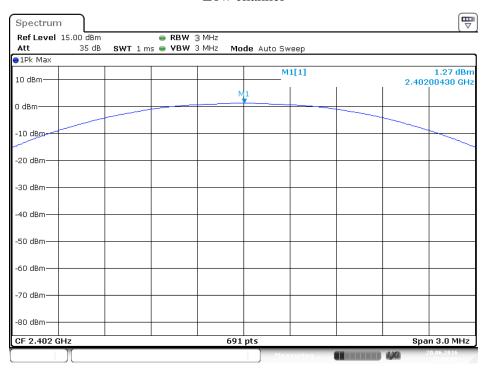


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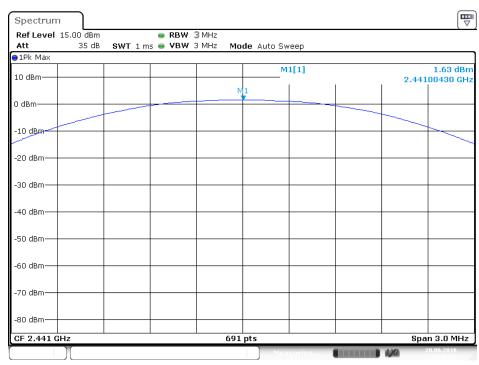
8DPSK Mode

Low channel



Date: 20.JUN.2016 15:58:05

Middle channel

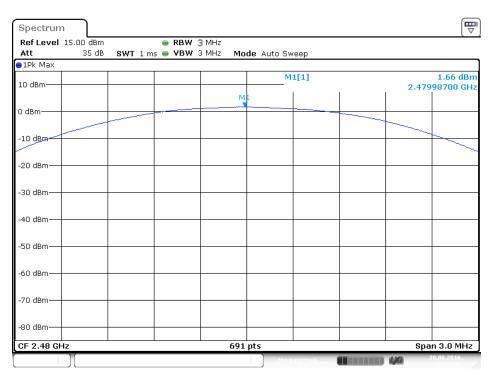


Date: 20.JUN.2016 15:58:27



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High channel



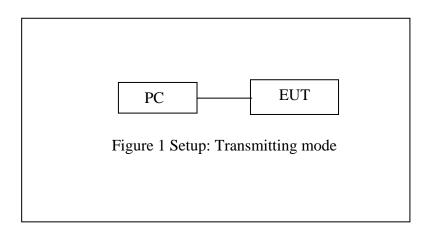
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10. RADIATED EMISSION TEST

10.1.Block Diagram of Test Setup

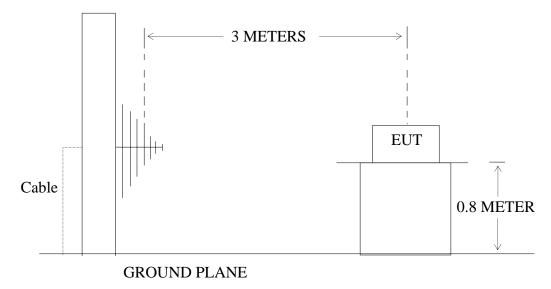
10.1.1.Block diagram of connection between the EUT and peripherals



10.1.2.Semi-Anechoic Chamber Test Setup Diagram

Below 1GHz

ANTENNA ELEVATION VARIES FROM 1 TO 4 METERS

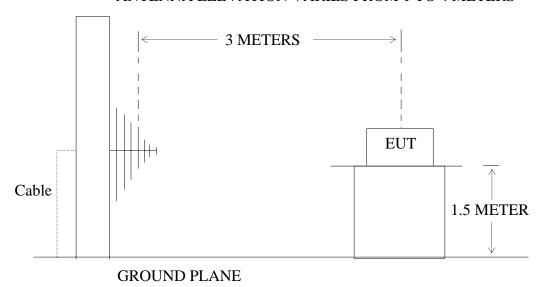




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Above 1GHz

ANTENNA ELEVATION VARIES FROM 1 TO 4 METERS



10.2. The Limit For Section 15.247(d)

Section 15.247(d): In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).

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10.3.Restricted bands of operation

10.3.1.FCC Part 15.205 Restricted bands of operation

(a) Except as shown in paragraph (d) of this section, Only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	$(^2)$
13.36-13.41			

Until February 1, 1999, this restricted band shall be 0.490-0.510

(b) Except as provided in paragraphs (d) and (e), the field strength of emission appearing within these frequency bands shall not exceed the limits shown in Section 15.209. At frequencies equal to or less than 1000MHz, Compliance with the limits in Section 15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000MHz, compliance with the emission limits in Section15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in Section 15.35 apply to these measurements.

10.4. Configuration of EUT on Measurement

The equipment is installed on Radiated Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

²Above 38.6



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10.5.Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground(Below 1GHz). The EUT and its simulators are placed on a turntable, which is 1.5 meter high above ground(Above 1GHz). The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bi-log antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the EUT location must be manipulated according to ANSI C63.10:2013 on radiated emission measurement. The EUT was tested in 3 orthogonal planes.

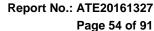
During the radiated emission test, the spectrum analyzer was set with the following configurations:

- 1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak at frequency below 1GHz.
- 2. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for peak measurement with peak detector at frequency above 1GHz.
- 3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average measurement with peak detection at frequency above 1GHz.
- 4. All modes of operation were investigated and the worst-case emissions are reported.

10.6. The Field Strength of Radiation Emission Measurement Results

Note: 1.We tested GFSK mode, $\Pi/4$ -DQPSK Mode & 8QPSK mode and recorded the worst case data (GFSK mode) for all test mode.

2. The test frequency is from 30MHz to 25GHz, The 18-25GHz emissions are not reported, because the levels are too low against the limit.





Below 1GHz



ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR2015 #1421

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

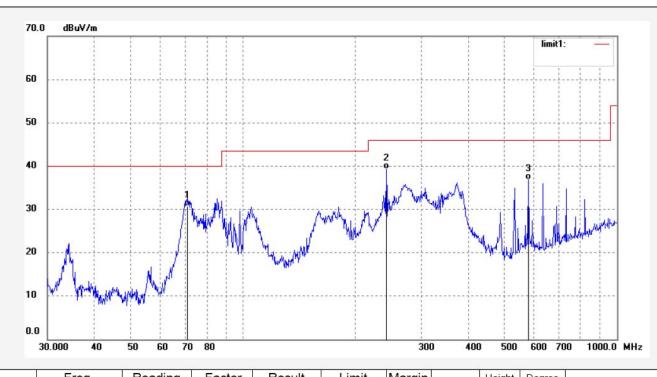
EUT: Bluetooth module
Mode: TX 2402MHz
Model: BT03B110

Manufacturer: Xiamen Prima Technology Inc

Note: Report No.:ATE20161327

Polarization: Horizontal Power Source: DC 5V Date: 2016/06/28

Time: 13:59:46
Engineer Signature:
Distance: 3m



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	70.9536	53.69	-22.90	30.79	40.00	-9.21	QP			
2	241.8377	57.46	-18.23	39.23	46.00	-6.77	QP			
3	580.0705	47.29	-10.37	36.92	46.00	-9.08	QP			

FCC ID: 2ADID-BT03B110 ACCURATE TECHNOLOGY CO. LTD



ACCURATE TECHNOLOGY CO., LTD.

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Site: 1# Chamber Tel:+86-0755-26503290

Job No.: STAR2015 #1422

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Bluetooth module Mode: TX 2402MHz

Model: BT03B110

Manufacturer: Xiamen Prima Technology Inc

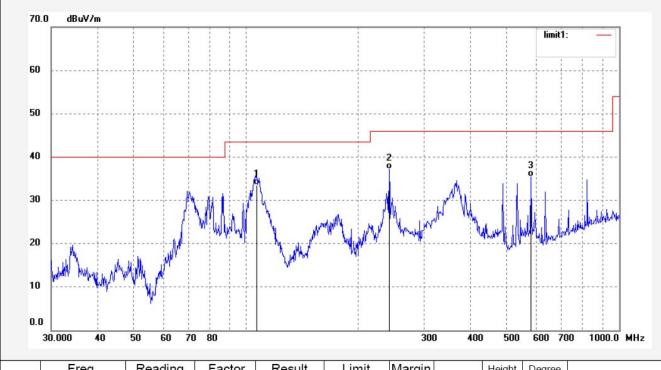
Note: Report No.:ATE20161327

F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China Fax:+86-0755-26503396

Vertical

Power Source: DC 5V Date: 2016/06/28 Time: 14:00:29 Engineer Signature: Distance: 3m

Polarization:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	106.6551	55.20	-21.61	33.59	43.50	-9.91	QP			
2	241.8377	55.36	-18.23	37.13	46.00	-8.87	QP			
3	580.0705	45.84	-10.37	35.47	46.00	-10.53	QP			

FCC ID: 2ADID-BT03B110 ACCURATE TECHNOLOGY CO. LTD



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ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China

Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR2015 #1424

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

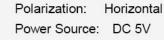
Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Bluetooth module Mode: TX 2441MHz

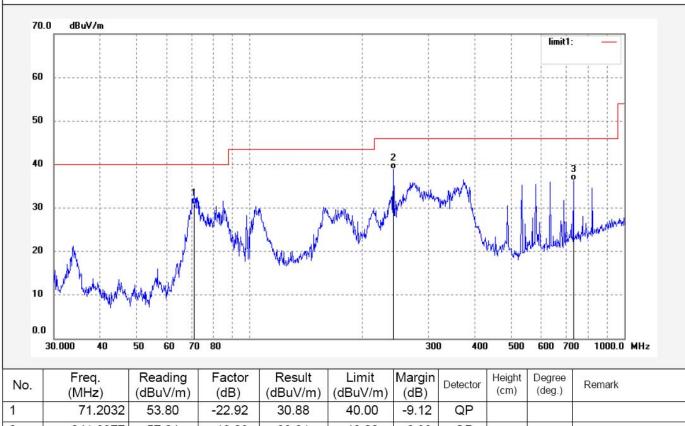
Model: BT03B110

Manufacturer: Xiamen Prima Technology Inc

Note: Report No.:ATE20161327



Date: 2016/06/28 Time: 14:02:24 Engineer Signature: Distance: 3m



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	71.2032	53.80	-22.92	30.88	40.00	-9.12	QP			
2	241.8377	57.24	-18.23	39.01	46.00	-6.99	QP			
3	731.4627	43.44	-7.20	36.24	46.00	-9.76	QP			

FCC ID: 2ADID-BT03B110 ACCURATE TECHNOLOGY CO. LTD



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ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR2015 #1423

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Bluetooth module Mode: TX 2441MHz

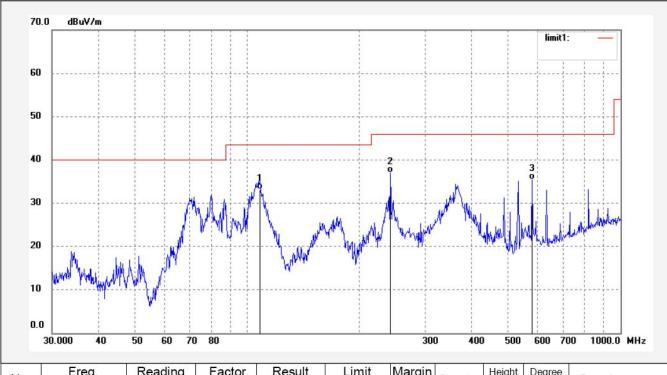
Model: BT03B110

Manufacturer: Xiamen Prima Technology Inc

Note: Report No.:ATE20161327

Polarization: Vertical
Power Source: DC 5V

Date: 2016/06/28 Time: 14:01:06 Engineer Signature: Distance: 3m



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	108.1648	54.44	-21.36	33.08	43.50	-10.42	QP			
2	241.8377	55.24	-18.23	37.01	46.00	-8.99	QP			
3	580.0705	45.84	-10.37	35.47	46.00	-10.53	QP			

FCC ID: 2ADID-BT03B110 ACCURATE TECHNOLOGY CO. LTD





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ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR2015 #1425

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

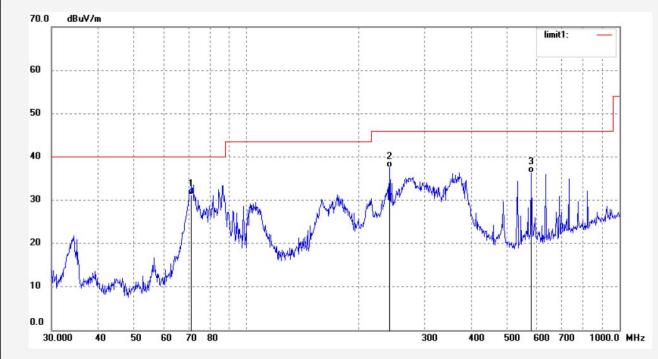
EUT: Bluetooth module
Mode: TX 2480MHz
Model: BT03B110

Manufacturer: Xiamen Prima Technology Inc

Note: Report No.:ATE20161327

Polarization: Horizontal Power Source: DC 5V

Date: 2016/06/28
Time: 14:03:55
Engineer Signature:
Distance: 3m



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	71.2032	54.09	-22.92	31.17	40.00	-8.83	QP			
2	241.8377	55.81	-18.23	37.58	46.00	-8.42	QP			
3	580.0705	46.70	-10.37	36.33	46.00	-9.67	QP			





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ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR2015 #1426

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Bluetooth module Mode: TX 2480MHz

Model: BT03B110

Manufacturer: Xiamen Prima Technology Inc

Note: Report No.:ATE20161327

Power Source: DC 5V Date: 2016/06/28 Time: 14:04:31

Polarization: Vertical

Engineer Signature: Distance: 3m

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50													 			
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No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	106.2811	55.26	-21.68	33.58	43.50	-9.92	QP			
2	241.8377	55.14	-18.23	36.91	46.00	-9.09	QP			
3	580.0705	46.39	-10.37	36.02	46.00	-9.98	QP			

FCC ID: 2ADID-BT03B110 ACCURATE TECHNOLOGY CO. LTD



Report No.: ATE20161327

Site: 2# Chamber Tel:+86-0755-26503290

Fax:+86-0755-26503396

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Above 1GHz



ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China

> Polarization: Horizontal

Power Source: DC 5V Date: 2016-5-24 Time: 0:56:37

Engineer Signature: Distance: 3m

Job No.: STAR2015 #1150

Standard: FCC Class B 3M Radiated

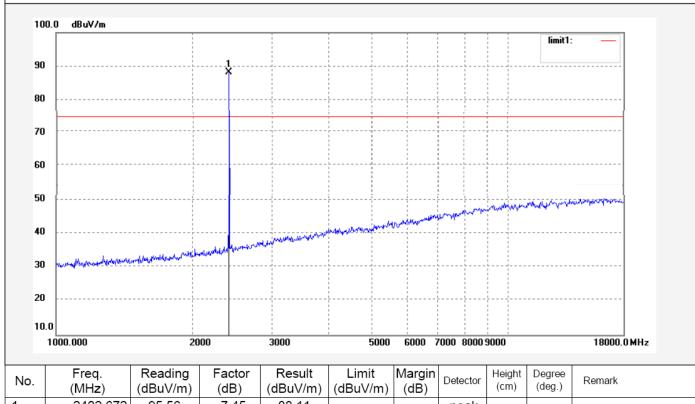
Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Bluetooth module Mode: TX 2402MHz Model: BT03B110

Manufacturer: Xiamen Prima Technology Inc

Note: Report NO.:ATE20161327



1	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1		2402.672	95.56	-7.45	88.11			peak			

FCC ID: 2ADID-BT03B110 ACCURATE TECHNOLOGY CO. LTD





ACCURATE TECHNOLOGY CO., LTD.

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Report No.: ATE20161327

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Job No.: STAR2015 #1149

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Bluetooth module
Mode: TX 2402MHz
Model: BT03B110

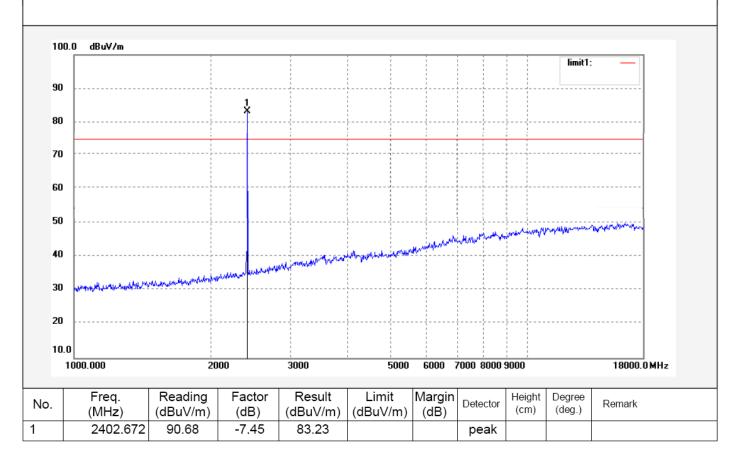
Manufacturer: Xiamen Prima Technology Inc

Note: Report NO.:ATE20161327

Polarization: Vertical Power Source: DC 5V

Date: 2016-5-24 Time: 0:54:51

Engineer Signature: Distance: 3m







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ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 2# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR2015 #1151

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Bluetooth module
Mode: TX 2441MHz
Model: BT03B110

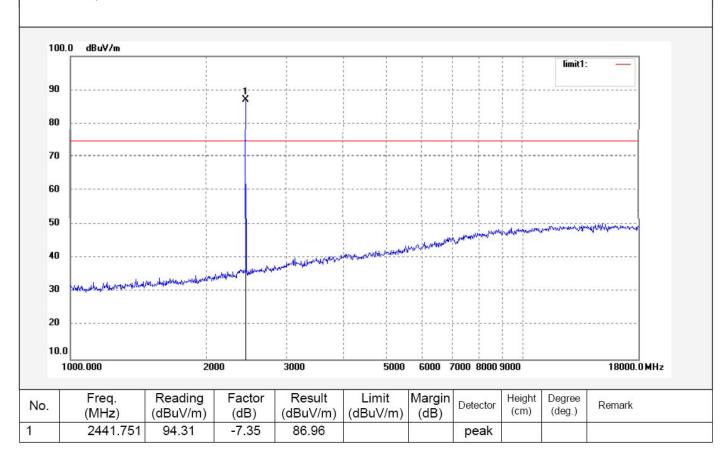
Manufacturer: Xiamen Prima Technology Inc

Note: Report NO.:ATE20161327

Polarization: Horizontal Power Source: DC 5V

Date: 2016-5-24 Time: 0:59:17 Engineer Signature:

Distance: 3m







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ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 2# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR2015 #1152

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Bluetooth module
Mode: TX 2441MHz
Model: BT03B110

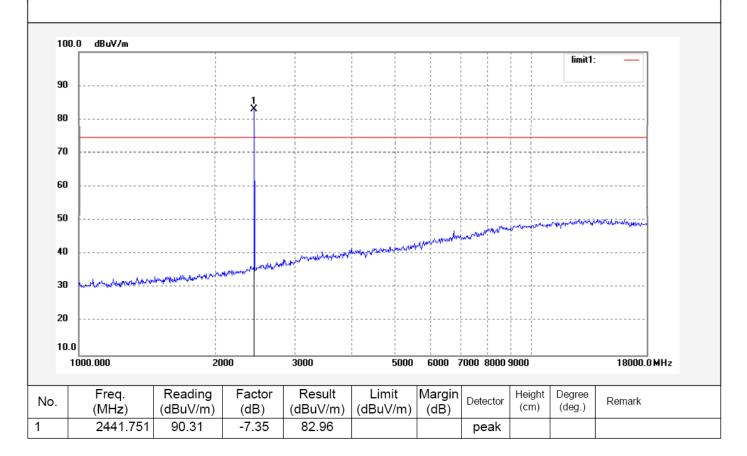
Manufacturer: Xiamen Prima Technology Inc

Note: Report NO.:ATE20161327

Polarization: Vertical Power Source: DC 5V

Date: 2016-5-24 Time: 1:01:35

Engineer Signature:
Distance: 3m







ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China

Site: 2# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Report No.: ATE20161327

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Job No.: STAR2015 #1154 Polarization: Horizontal Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Bluetooth module Mode: TX 2480MHz Model: BT03B110

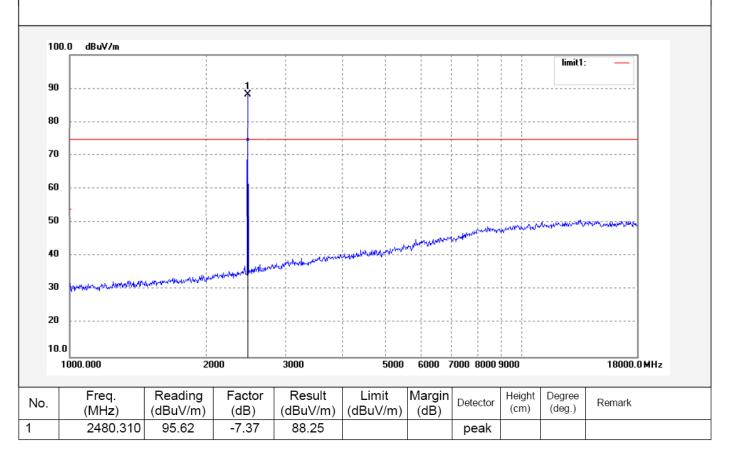
Manufacturer: Xiamen Prima Technology Inc

Report NO.:ATE20161327 Note:

Power Source: DC 5V

Date: 2016-5-24 Time: 1:05:16 Engineer Signature:

Distance: 3m







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ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 2# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR2015 #1153

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Bluetooth module
Mode: TX 2480MHz
Model: BT03B110

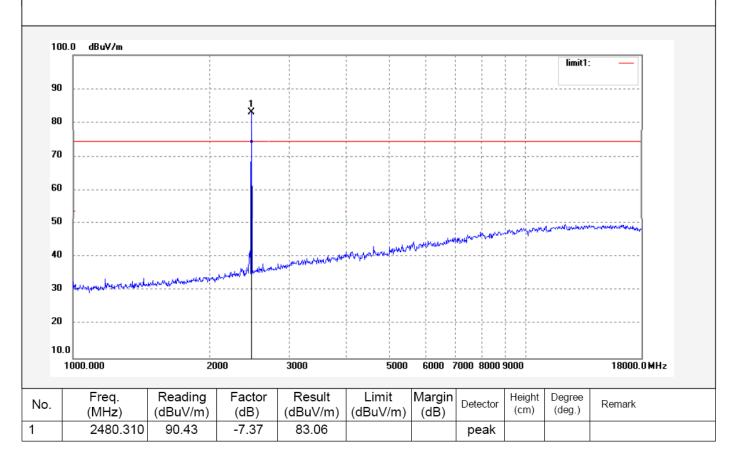
Manufacturer: Xiamen Prima Technology Inc

Note: Report NO.:ATE20161327

Polarization: Vertical Power Source: DC 5V

Date: 2016-5-24 Time: 1:03:25 Engineer Signature:

Distance: 3m



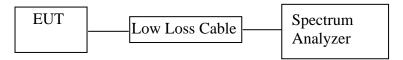


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11.BAND EDGE COMPLIANCE TEST

11.1.Block Diagram of Test Setup



(EUT: Bluetooth module)

11.2. The Requirement For Section 15.247(d)

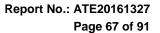
Section 15.247(d): In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).

11.3.EUT Configuration on Measurement

The equipment are installed on the emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

11.4. Operating Condition of EUT

- 11.4.1. Setup the EUT and simulator as shown as Section 11.1.
- 11.4.2. Turn on the power of all equipment.
- 11.4.3.Let the EUT work in TX (Hopping off, Hopping on) modes measure it. The transmit frequency are 2402-2480MHz. We select 2402MHz, 2480MHz TX frequency to transmit.





11.5.Test Procedure

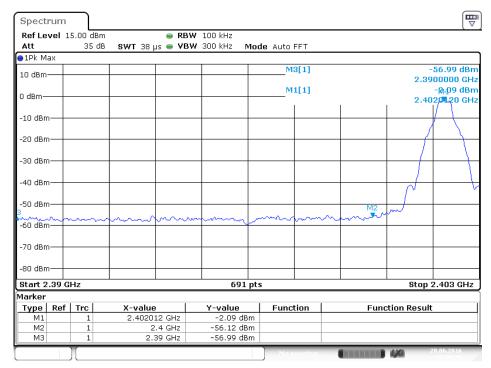
- 11.5.1. The transmitter output was connected to the spectrum analyzer via a low loss cable.
- 11.5.2.Set RBW of spectrum analyzer to 100 kHz and VBW to 300 kHz with convenient frequency span including 100 kHz bandwidth from band edge.
- 11.5.3. The band edges was measured and recorded.

11.6.Test Result

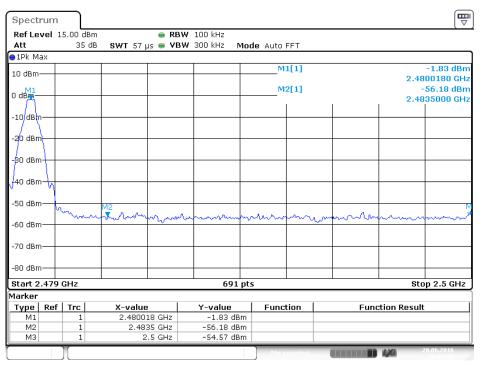
Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
(IVIIIZ)	, , , ,	(ubc)
GFSK		
2400.00	54.03	> 20dBc
2483.50	54.35	> 20dBc
П/4-DQPSK Mode		
2400.00	51.62	> 20dBc
2483.50	53.90	> 20dBc
8DPSK		
2400.00	34.13	> 20dBc
2483.50	51.72	> 20dBc



GFSK



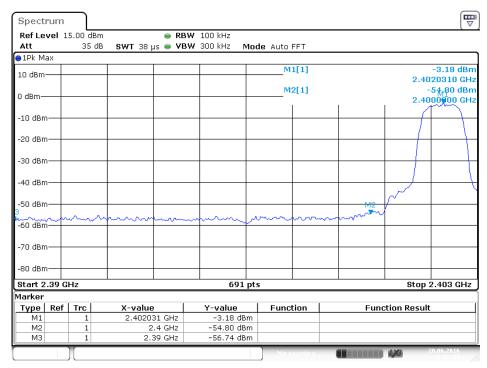
Date: 20.JUN.2016 16:00:49



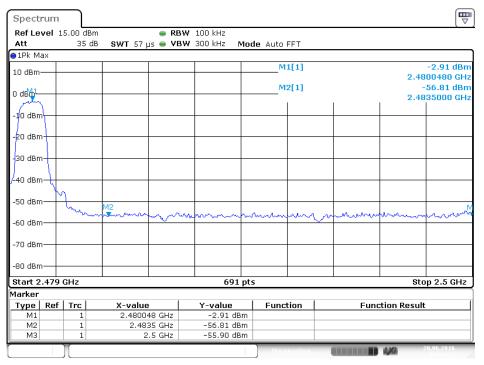
Date: 20.JUN.2016 16:03:40



∏/4-DQPSK Mode



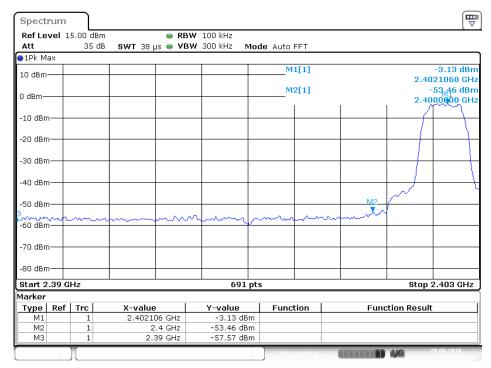
Date: 20.JUN.2016 16:02:07



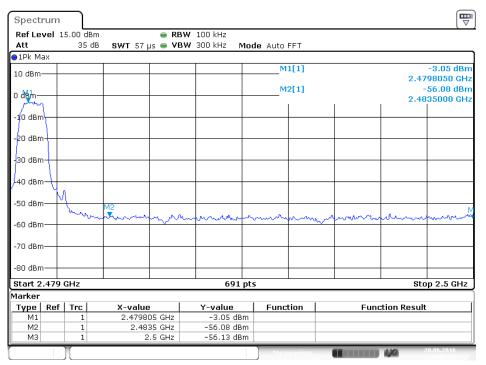
Date: 20.JUN.2016 16:04:24



8DPSK



Date: 20.JUN.2016 16:02:41



Date: 20.JUN.2016 16:05:03