Radiated Band Edge Result

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

   Result = Reading + Corrected Factor
3. Display the measurement of peak values.

Test Procedure:

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.

Let the EUT work in TX (Hopping off, Hopping on) modes measure it.
We select 2402MHz, 2480MHz TX frequency to transmit(Hopping off mode).
We select 2402-2480MHz TX frequency to transmit(Hopping on mode).

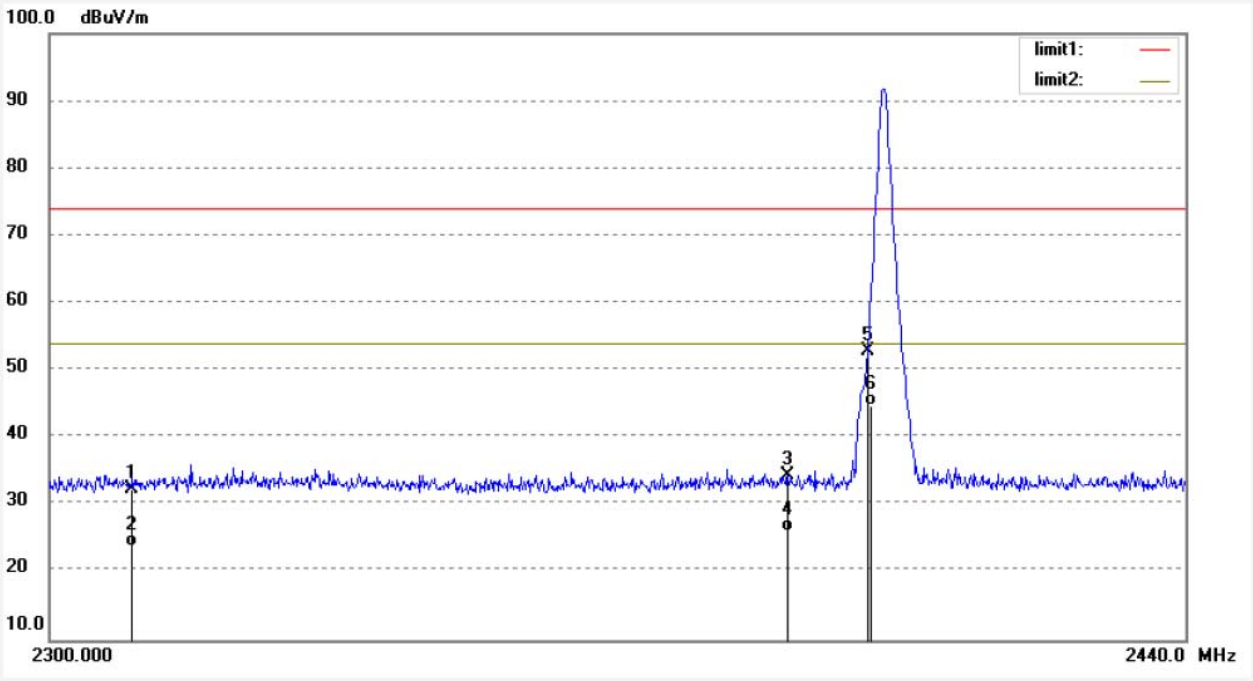
During the radiated emission test, the spectrum analyzer was set with the following configurations:
1.The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for peak measurement with peak detector at frequency above 1GHz.
2.The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average measurement with peak detection at frequency above 1GHz.
3.All modes of operation were investigated and the worst-case emissions are reported.

Non-hopping mode

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.: STAR2016 #235	Polarization: Horizontal
Standard: FCC PK	Power Source: DC 5V
Test item: Radiation Test	Date: 16/05/30/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/01/00
EUT: Bluetooth module	Engineer Signature: star
Mode: TX 2402MHz(GFSK)	Distance: 3m
Model: BT03B110	
Manufacturer: Xiamen Prima Technology Inc	

Note: Report No.:ATE20161327



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	40.60	-8.21	32.39	74.00	-41.61	peak			
2	2310.000	32.14	-8.21	23.93	54.00	-30.07	peak			
3	2390.000	42.45	-8.00	34.45	74.00	-39.55	peak			
4	2390.000	34.14	-8.00	26.14	54.00	-27.86	peak			
5	2400.000	60.75	-7.97	52.78	74.00	-21.22	peak			
6	2400.000	52.77	-7.97	44.80	54.00	-9.20	peak			

Note: Average measurement with peak detection at No.2&4&6

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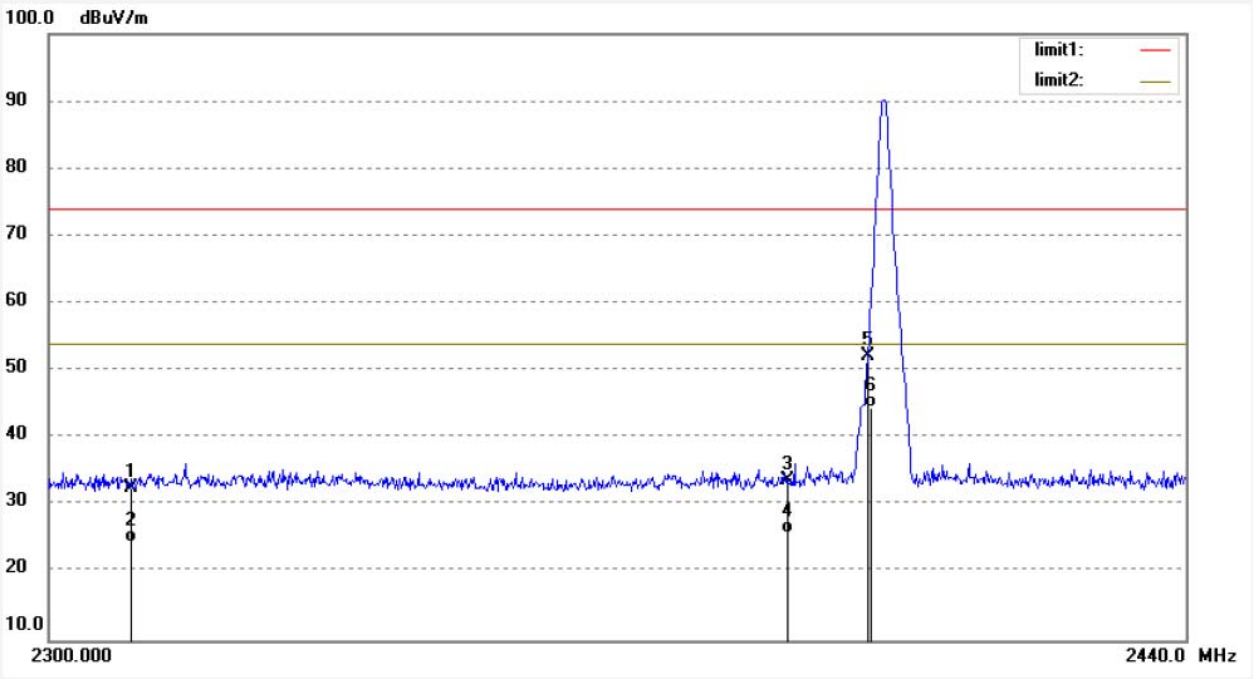
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR2016 #234
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Bluetooth module
Mode: TX 2402MHz(GFSK)
Model: BT03B110
Manufacturer: Xiamen Prima Technology Inc

Polarization: Vertical
Power Source: DC 5V
Date: 16/05/30/
Time: 10/59/54
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161327



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	40.74	-8.21	32.53	74.00	-41.47	peak			
2	2310.000	32.67	-8.21	24.46	54.00	-29.54	peak			
3	2390.000	41.67	-8.00	33.67	74.00	-40.33	peak			
4	2390.000	33.78	-8.00	25.78	54.00	-28.22	peak			
5	2400.000	60.15	-7.97	52.18	74.00	-21.82	peak			
6	2400.000	52.60	-7.97	44.63	54.00	-9.37	peak			

Note: Average measurement with peak detection at No.2&4&6

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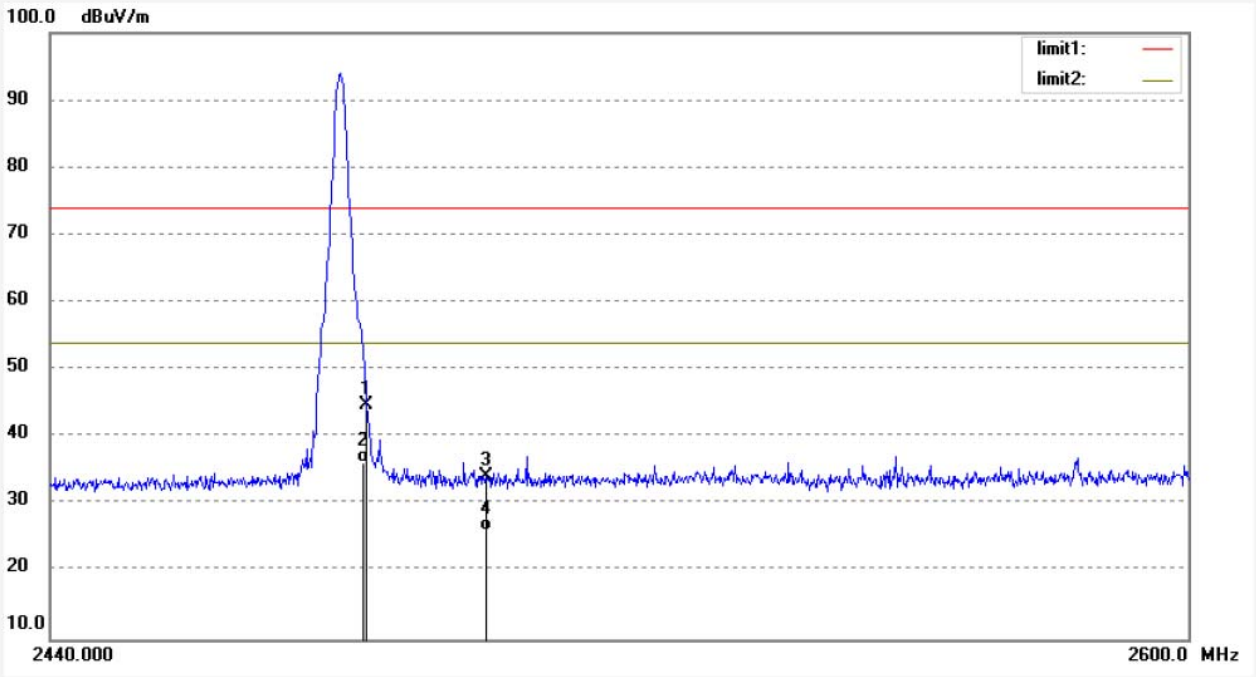
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR2016 #236
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Bluetooth module
Mode: TX 2480MHz(GFSK)
Model: BT03B110
Manufacturer: Xiamen Prima Technology Inc

Polarization: Horizontal
Power Source: DC 5V
Date: 16/05/30/
Time: 11/03/07
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161327



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	52.53	-7.76	44.77	74.00	-29.23	peak			
2	2483.500	44.06	-7.76	36.30	54.00	-17.70	peak			
3	2500.000	41.97	-7.71	34.26	74.00	-39.74	peak			
4	2500.000	33.69	-7.71	25.98	54.00	-28.02	peak			

Note: Average measurement with peak detection at No.2&4&6

ACCURATE TECHNOLOGY CO., LTD.
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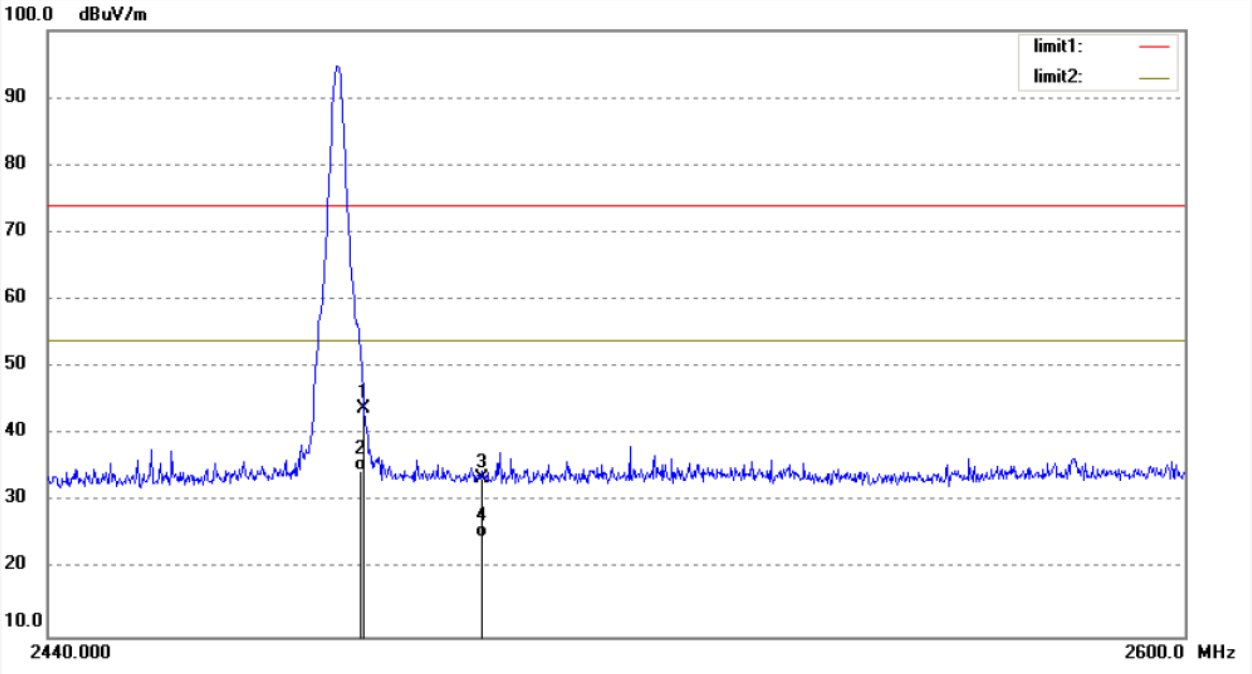
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR2016 #237
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Bluetooth module
Mode: TX 2480MHz(GFSK)
Model: BT03B110
Manufacturer: Xiamen Prima Technology Inc

Polarization: Vertical
Power Source: DC 5V
Date: 16/05/30/
Time: 11/04/14
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161327



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	51.63	-7.76	43.87	74.00	-30.13	peak			
2	2483.500	42.45	-7.76	34.69	54.00	-19.31	peak			
3	2500.000	41.29	-7.71	33.58	74.00	-40.42	peak			
4	2500.000	32.55	-7.71	24.84	54.00	-29.16	peak			

Note: Average measurement with peak detection at No.2&4&6

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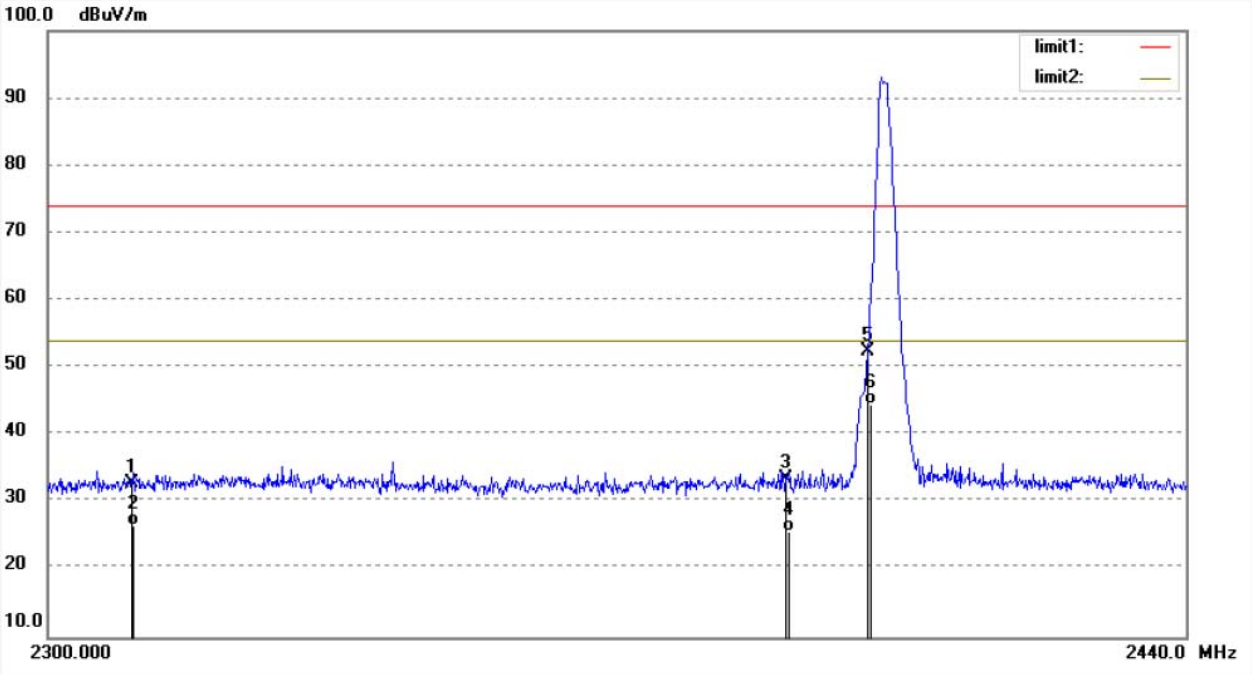
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR2016 #240
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Bluetooth module
Mode: TX 2402MHz(pi/4DQPSK)
Model: 2300
Manufacturer: Xiamen Prima Technology Inc

Polarization: Horizontal
Power Source: DC 5V
Date: 16/05/30/
Time: 11/10/09
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161327



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	41.00	-8.21	32.79	74.00	-41.21	peak			
2	2310.000	34.80	-8.21	26.59	54.00	-27.41	peak			
3	2390.000	41.59	-8.00	33.59	74.00	-40.41	peak			
4	2390.000	33.62	-8.00	25.62	54.00	-28.38	peak			
5	2400.000	60.34	-7.97	52.37	74.00	-21.63	peak			
6	2400.000	52.45	-7.97	44.48	54.00	-9.52	peak			

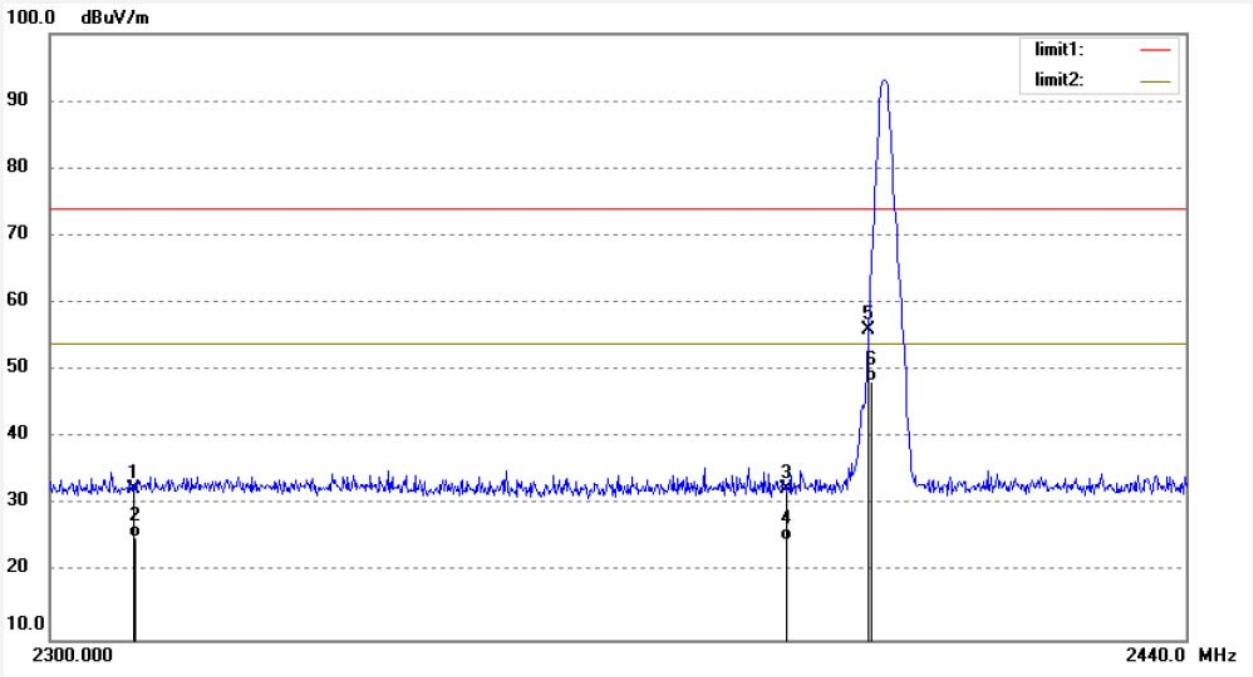
Note: Average measurement with peak detection at No.2&4&6

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.: STAR2016 #241
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Bluetooth module
Mode: TX 2402MHz(pi/4DQPSK)
Model: BT03B110
Manufacturer: Xiamen Prima Technology Inc

Polarization: Vertical
Power Source: DC 5V
Date: 16/05/30/
Time: 11/11/55
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161327



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	40.56	-8.21	32.35	74.00	-41.65	peak			
2	2310.000	33.33	-8.21	25.12	54.00	-28.88	peak			
3	2390.000	40.32	-8.00	32.32	74.00	-41.68	peak			
4	2390.000	32.78	-8.00	24.78	54.00	-29.22	peak			
5	2400.000	64.04	-7.97	56.07	74.00	-17.93	peak			
6	2400.000	56.41	-7.97	48.44	54.00	-5.56	peak			

Note: Average measurement with peak detection at No.2&4&6

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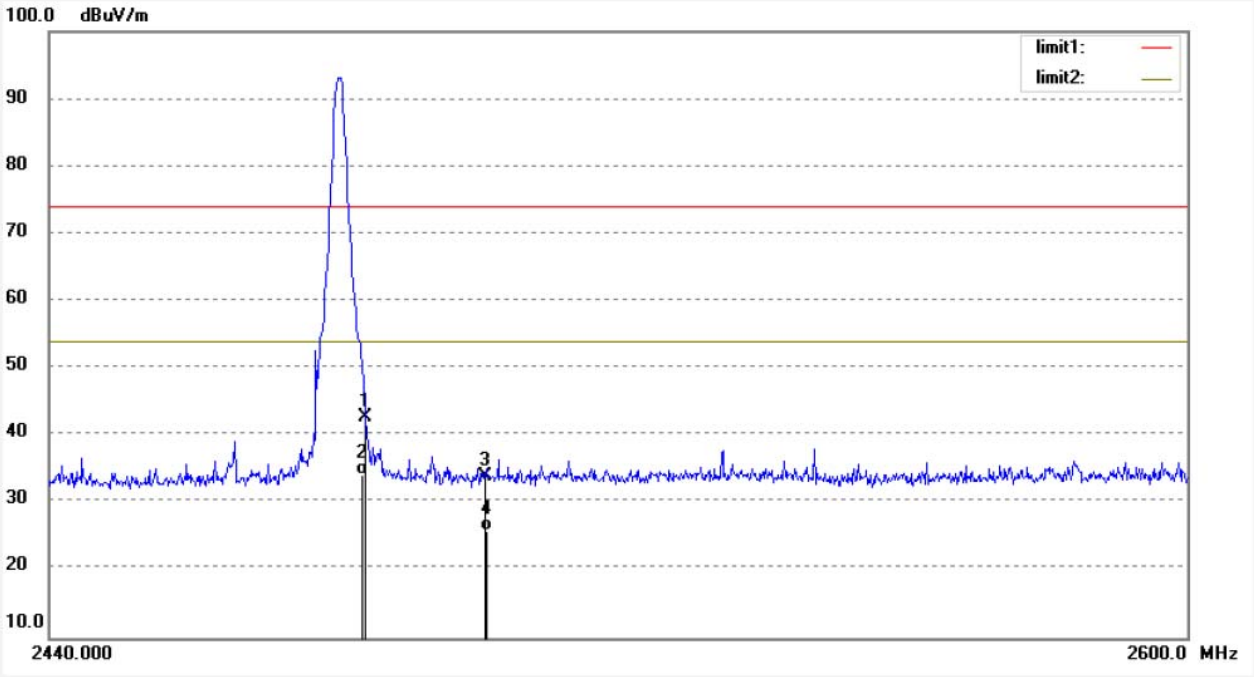
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR2016 #239
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Bluetooth module
Mode: TX 2480MHz(pi/4DQPSK)
Model: BT03B110
Manufacturer: Xiamen Prima Technology Inc

Polarization: Horizontal
Power Source: DC 5V
Date: 16/05/30/
Time: 11/07/49
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161327



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	50.53	-7.76	42.77	74.00	-31.23	peak			
2	2483.500	42.04	-7.76	34.28	54.00	-19.72	peak			
3	2500.000	41.75	-7.71	34.04	74.00	-39.96	peak			
4	2500.000	33.64	-7.71	25.93	54.00	-28.07	peak			

Note: Average measurement with peak detection at No.2&4

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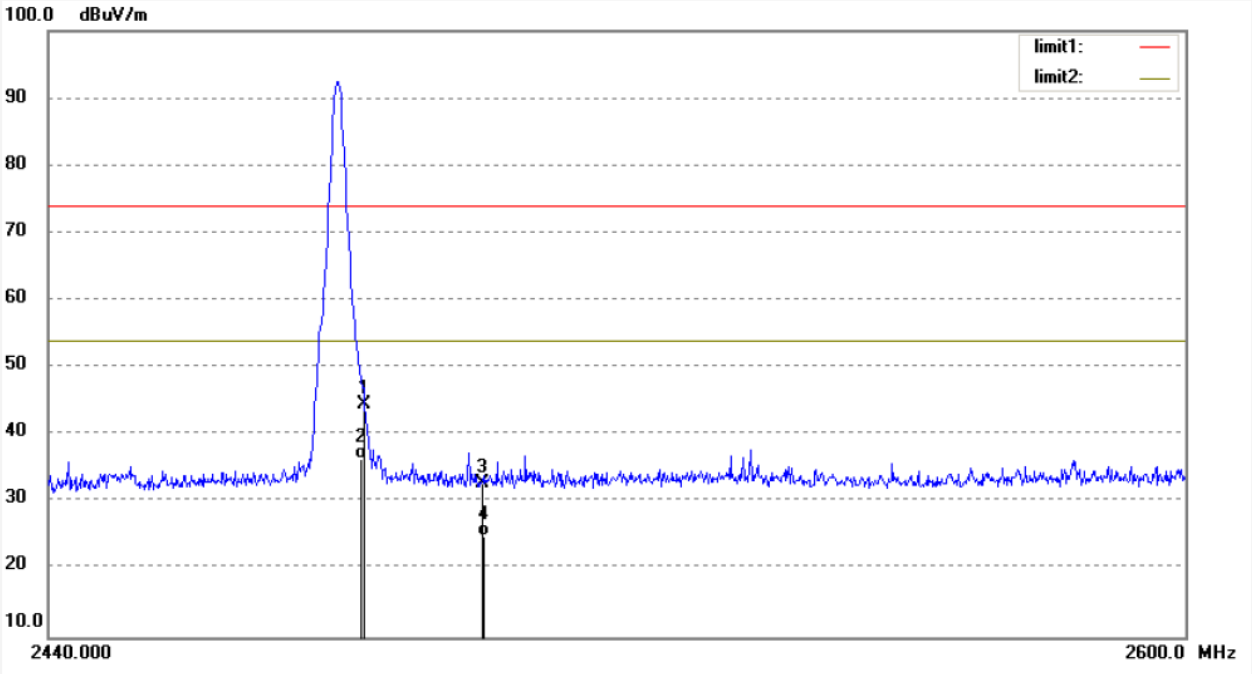
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR2016 #238
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Bluetooth module
Mode: TX 2480MHz(pi/4DQPSK)
Model: BT03B110
Manufacturer: Xiamen Prima Technology Inc

Polarization: Vertical
Power Source: DC 5V
Date: 16/05/30/
Time: 11/06/39
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161327



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	52.34	-7.76	44.58	74.00	-29.42	peak			
2	2483.500	44.27	-7.76	36.51	54.00	-17.49	peak			
3	2500.000	40.44	-7.71	32.73	74.00	-41.27	peak			
4	2500.000	32.70	-7.71	24.99	54.00	-29.01	peak			

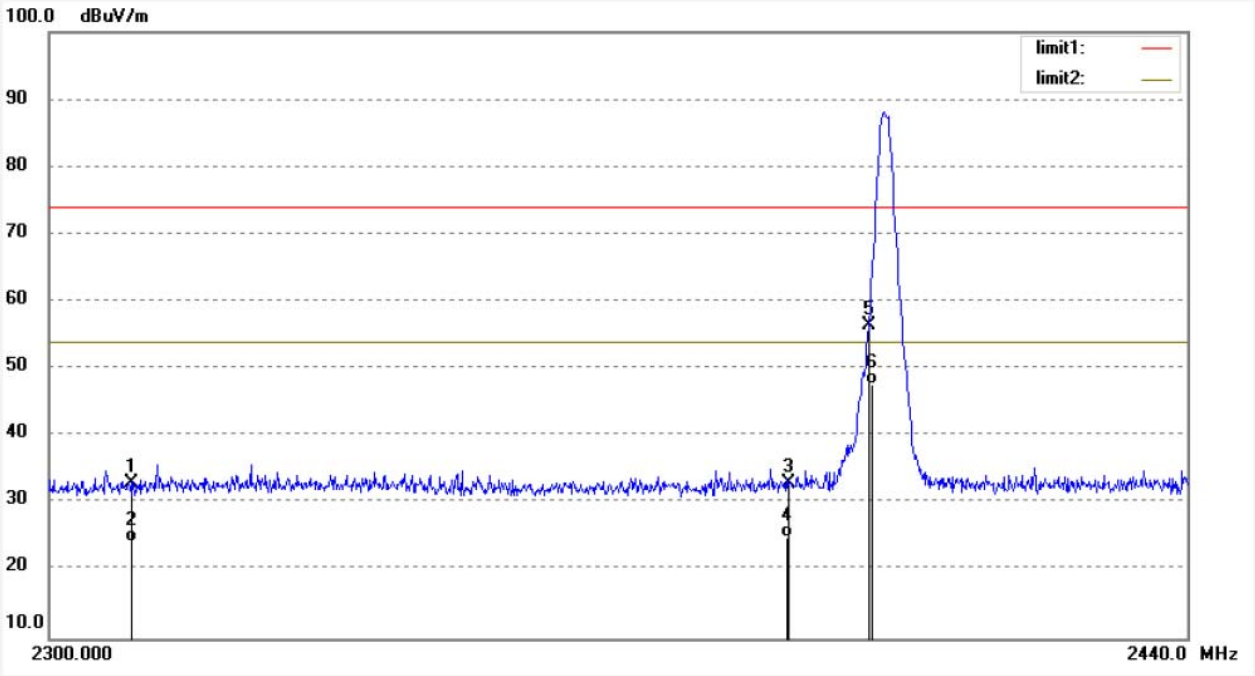
Note: Average measurement with peak detection at No.2&4

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.: STAR2016 #243
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Bluetooth module
Mode: TX 2402MHz(8DPSK)
Model: BT03B110
Manufacturer: Xiamen Prima Technology Inc

Polarization: Horizontal
Power Source: DC 5V
Date: 16/05/30/
Time: 11/16/07
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161327



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	41.31	-8.21	33.10	74.00	-40.90	peak			
2	2310.000	32.40	-8.21	24.19	54.00	-29.81	peak			
3	2390.000	41.16	-8.00	33.16	74.00	-40.84	peak			
4	2390.000	33.00	-8.00	25.00	54.00	-29.00	peak			
5	2400.000	64.49	-7.97	56.52	74.00	-17.48	peak			
6	2400.000	55.67	-7.97	47.70	54.00	-6.30	peak			

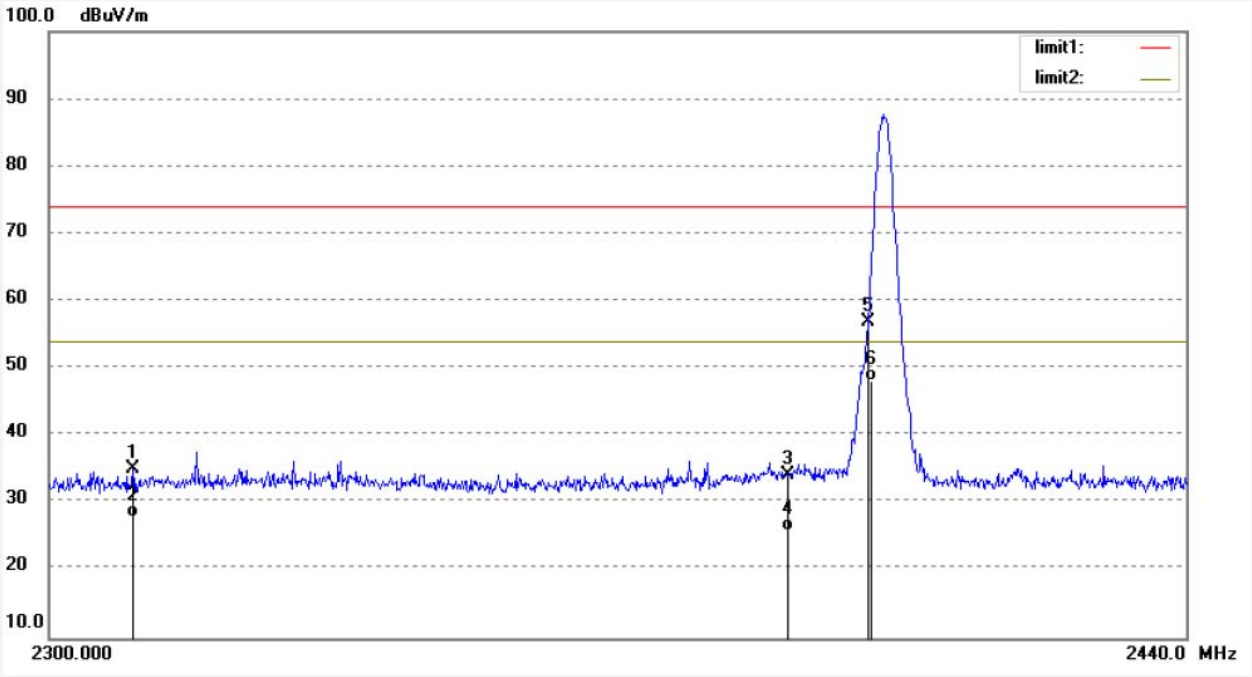
Note: Average measurement with peak detection at No.2&4&6

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.: STAR2016 #242
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Bluetooth module
Mode: TX 2402MHz(8DPSK)
Model: BT03B110
Manufacturer: Xiamen Prima Technology Inc

Polarization: Vertical
Power Source: DC 5V
Date: 16/05/30/
Time: 11/14/55
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161327



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	43.32	-8.21	35.11	74.00	-38.89	peak			
2	2310.000	36.00	-8.21	27.79	54.00	-26.21	peak			
3	2390.000	42.30	-8.00	34.30	74.00	-39.70	peak			
4	2390.000	33.90	-8.00	25.90	54.00	-28.10	peak			
5	2400.000	64.89	-7.97	56.92	74.00	-17.08	peak			
6	2400.000	56.14	-7.97	48.17	54.00	-5.83	peak			

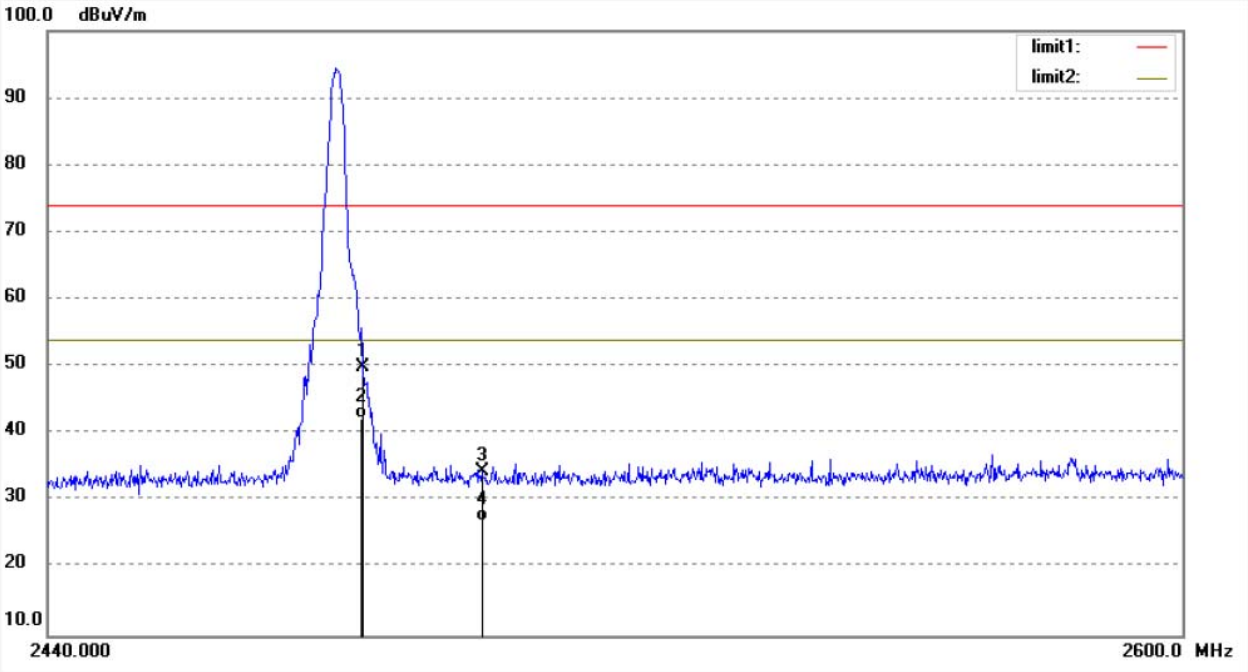
Note: Average measurement with peak detection at No.2&4&6

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.: STAR2016 #244
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Bluetooth module
Mode: TX 2480MHz(8DPSK)
Model: BT03B110
Manufacturer: Xiamen Prima Technology Inc

Polarization: Horizontal
Power Source: DC 5V
Date: 16/05/30/
Time: 11/18/27
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161327



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	57.60	-7.76	49.84	74.00	-24.16	peak			
2	2483.500	50.14	-7.76	42.38	54.00	-11.62	peak			
3	2500.000	42.19	-7.71	34.48	74.00	-39.52	peak			
4	2500.000	34.63	-7.71	26.92	54.00	-27.08	peak			

Note: Average measurement with peak detection at No.2&4

ACCURATE TECHNOLOGY CO., LTD.
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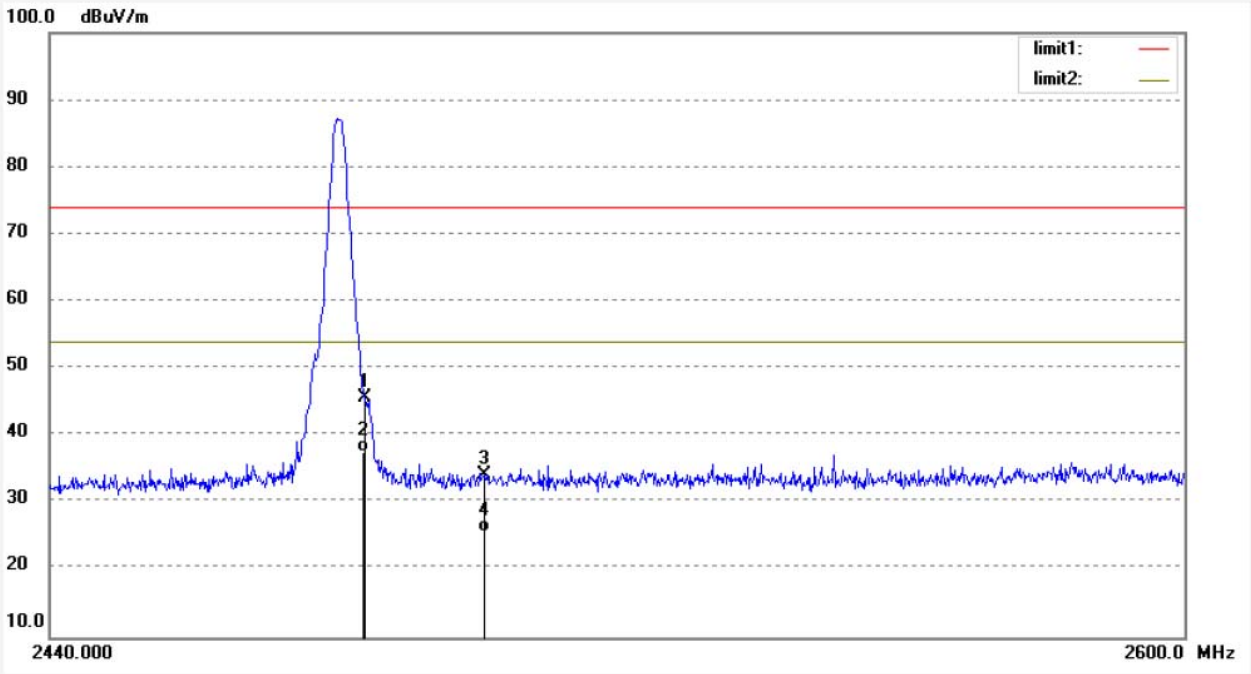
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR2016 #245
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Bluetooth module
Mode: TX 2480MHz(8DPSK)
Model: BT03B110
Manufacturer: Xiamen Prima Technology Inc

Polarization: Vertical
Power Source: DC 5V
Date: 16/05/30/
Time: 11/20/04
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161327



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	53.46	-7.76	45.70	74.00	-28.30	peak			
2	2483.500	45.36	-7.76	37.60	54.00	-16.40	peak			
3	2500.000	41.98	-7.71	34.27	74.00	-39.73	peak			
4	2500.000	33.27	-7.71	25.56	54.00	-28.44	peak			

Note: Average measurement with peak detection at No.2&4

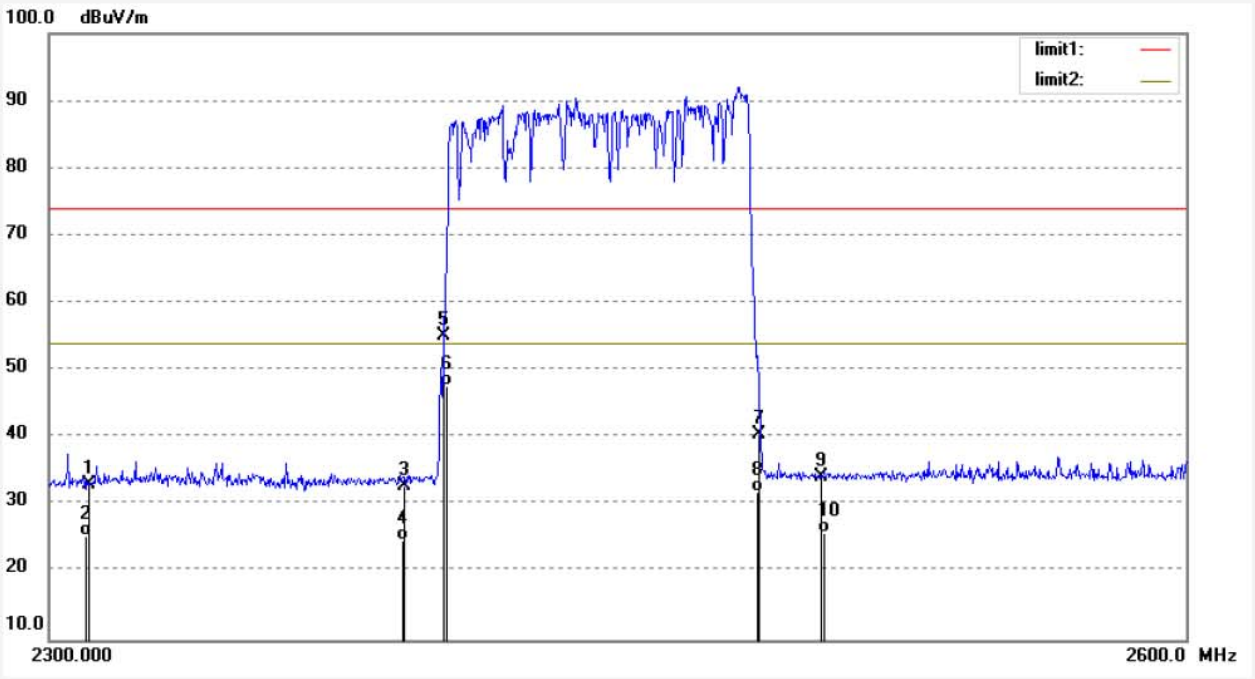
Hopping mode

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.: STAR2016 #247
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Bluetooth module
Mode: HOPPING (GFSK)
Model: BT03B110
Manufacturer: Xiamen Prima Technology Inc

Polarization: Horizontal
Power Source: DC 5V
Date: 16/05/30/
Time: 11/27/58
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161327



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	41.24	-8.21	33.03	74.00	-40.97	peak			
2	2310.000	33.69	-8.21	25.48	54.00	-28.52	peak			
3	2390.000	40.75	-8.00	32.75	74.00	-41.25	peak			
4	2390.000	32.77	-8.00	24.77	54.00	-29.23	peak			
5	2400.000	63.17	-7.97	55.20	74.00	-18.80	peak			
6	2400.000	55.69	-7.97	47.72	54.00	-6.28	peak			
7	2483.500	48.14	-7.76	40.38	74.00	-33.62	peak			
8	2483.500	39.64	-7.76	31.88	54.00	-22.12	peak			
9	2500.000	41.88	-7.71	34.17	74.00	-39.83	peak			
10	2500.000	33.62	-7.71	25.91	54.00	-28.09	peak			

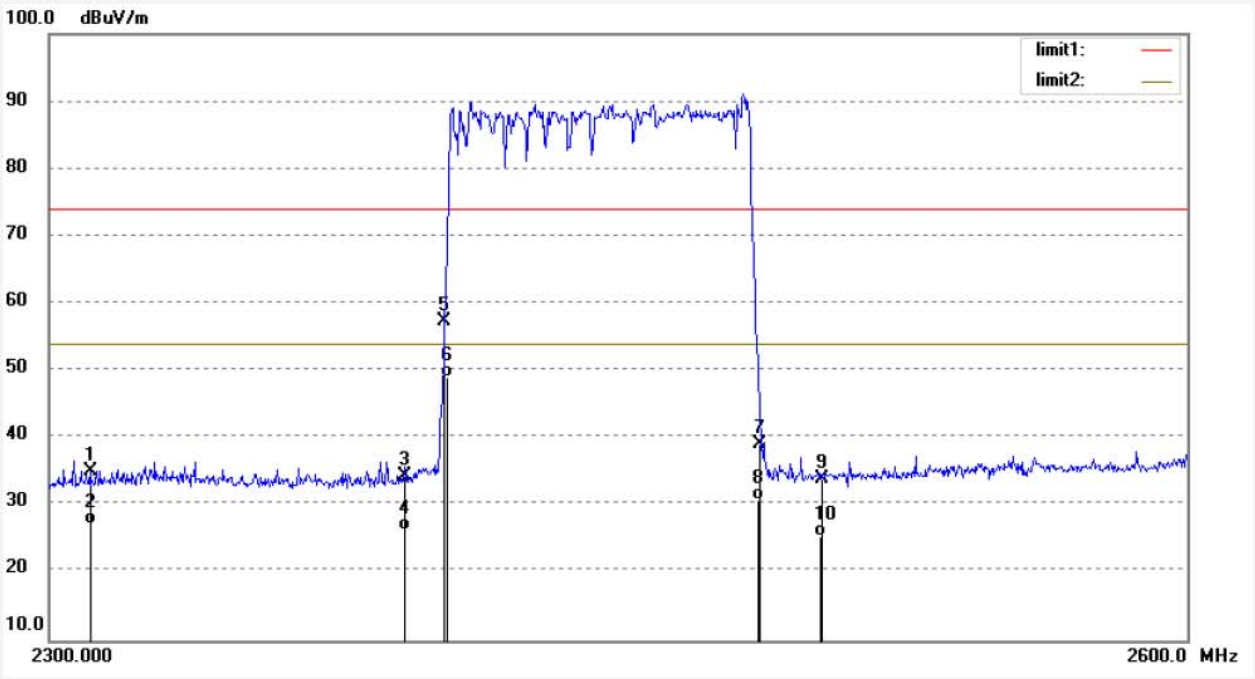
Note: Average measurement with peak detection at No.2&4&6&8&10

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.: STAR2016 #246
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Bluetooth module
Mode: HOPPING (GFSK)
Model: BT03B110
Manufacturer: Xiamen Prima Technology Inc

Polarization: Vertical
Power Source: DC 5V
Date: 16/05/30/
Time: 11/25/35
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161327



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	43.34	-8.21	35.13	74.00	-38.87	peak			
2	2310.000	35.37	-8.21	27.16	54.00	-26.84	peak			
3	2390.000	42.32	-8.00	34.32	74.00	-39.68	peak			
4	2390.000	34.32	-8.00	26.32	54.00	-27.68	peak			
5	2400.000	65.23	-7.97	57.26	74.00	-16.74	peak			
6	2400.000	56.92	-7.97	48.95	54.00	-5.05	peak			
7	2483.500	46.94	-7.76	39.18	74.00	-34.82	peak			
8	2483.500	38.65	-7.76	30.89	54.00	-23.11	peak			
9	2500.000	41.74	-7.71	34.03	74.00	-39.97	peak			
10	2500.000	33.22	-7.71	25.51	54.00	-28.49	peak			

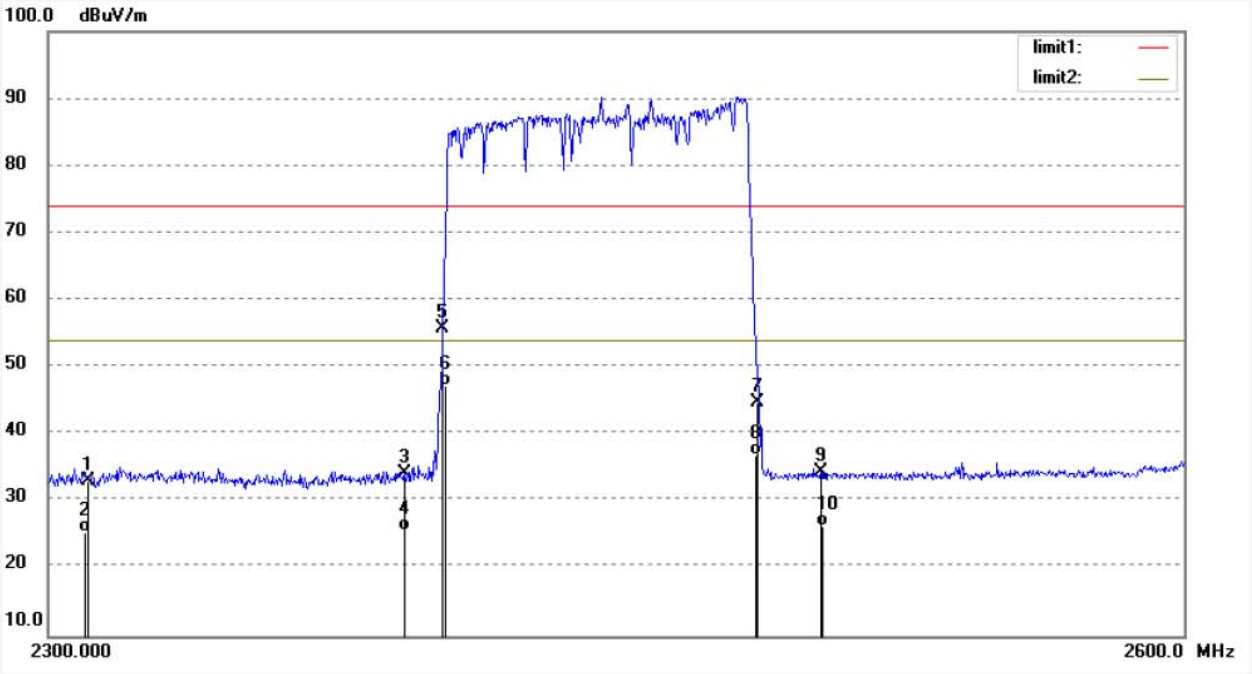
Note: Average measurement with peak detection at No.2&4&6&8&10

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.: STAR2016 #248
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Bluetooth module
Mode: HOPPING (pi/4DQPSK)
Model: BT03B110
Manufacturer: Xiamen Prima Technology Inc

Polarization: Horizontal
Power Source: DC 5V
Date: 16/01/30/
Time: 11/30/14
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161327



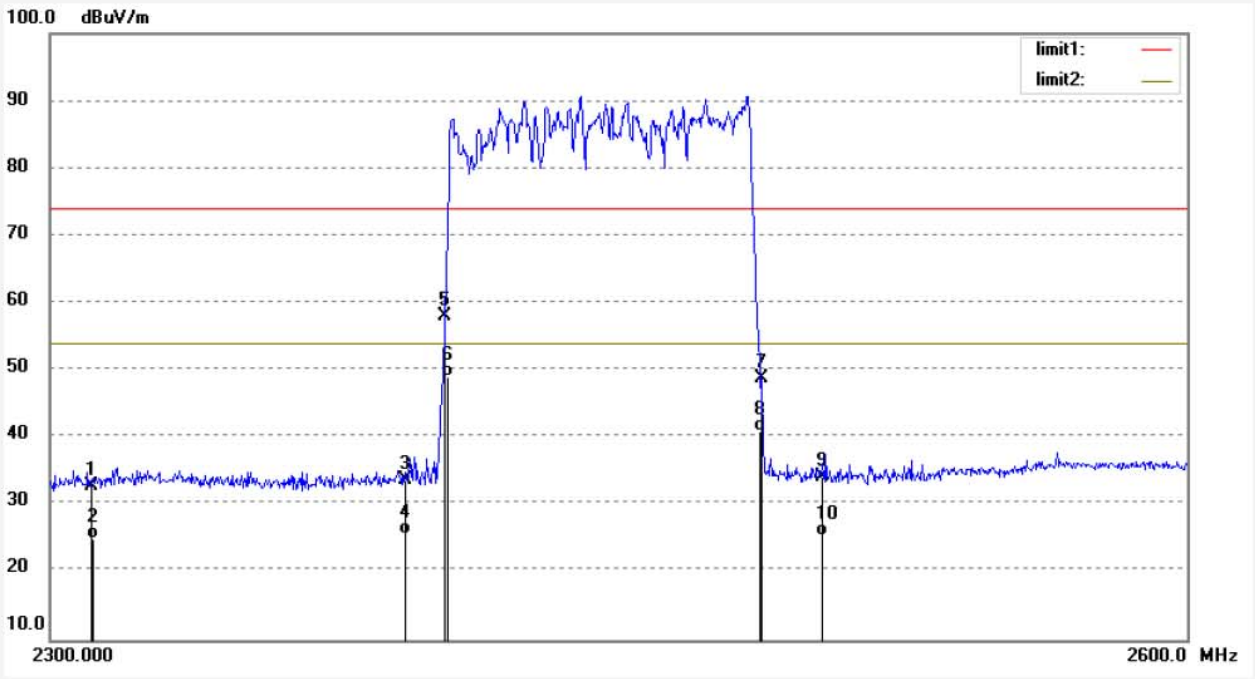
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	41.26	-8.21	33.05	74.00	-40.95	peak			
2	2310.000	33.66	-8.21	25.45	54.00	-28.55	peak			
3	2390.000	42.11	-8.00	34.11	74.00	-39.89	peak			
4	2390.000	33.68	-8.00	25.68	54.00	-28.32	peak			
5	2400.000	63.80	-7.97	55.83	74.00	-18.17	peak			
6	2400.000	55.10	-7.97	47.13	54.00	-6.87	peak			
7	2483.500	52.46	-7.76	44.70	74.00	-29.30	peak			
8	2483.500	44.62	-7.76	36.86	54.00	-17.14	peak			
9	2500.000	42.02	-7.71	34.31	74.00	-39.69	peak			
10	2500.000	34.06	-7.71	26.35	54.00	-27.65	peak			

Note: Average measurement with peak detection at No.2&4&6&8&10

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.: STAR2016 #249	Polarization: Vertical
Standard: FCC PK	Power Source: DC 5V
Test item: Radiation Test	Date: 16/01/30/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 11/32/05
EUT: Bluetooth module	Engineer Signature: star
Mode: HOPPING (pi/4DQPSK)	Distance: 3m
Model: BT03B110	
Manufacturer: Xiamen Prima Technology Inc	

Note: Report No.:ATE20161327



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	41.15	-8.21	32.94	74.00	-41.06	peak			
2	2310.000	33.20	-8.21	24.99	54.00	-29.01	peak			
3	2390.000	41.79	-8.00	33.79	74.00	-40.21	peak			
4	2390.000	33.71	-8.00	25.71	54.00	-28.29	peak			
5	2400.000	65.98	-7.97	58.01	74.00	-15.99	peak			
6	2400.000	57.00	-7.97	49.03	54.00	-4.97	peak			
7	2483.500	56.54	-7.76	48.78	74.00	-25.22	peak			
8	2483.500	48.65	-7.76	40.89	54.00	-13.11	peak			
9	2500.000	41.85	-7.71	34.14	74.00	-39.86	peak			
10	2500.000	33.14	-7.71	25.43	54.00	-28.57	peak			

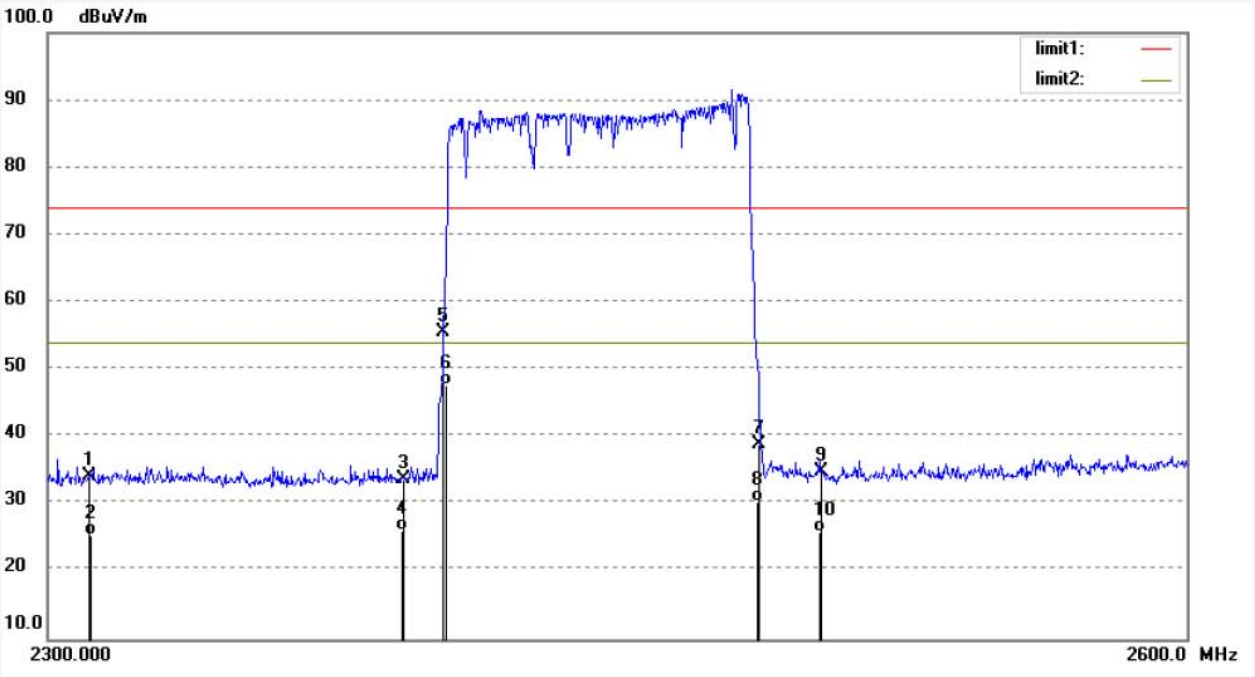
Note: Average measurement with peak detection at No.2&4&6&8&10

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.: STAR2016 #251
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Bluetooth module
Mode: HOPPING (8DPSK)
Model: BT03B110
Manufacturer: Xiamen Prima Technology Inc

Polarization: Horizontal
Power Source: DC 5V
Date: 16/05/30/
Time: 11/38/04
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161327



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	42.47	-8.21	34.26	74.00	-39.74	peak			
2	2310.000	33.69	-8.21	25.48	54.00	-28.52	peak			
3	2390.000	41.70	-8.00	33.70	74.00	-40.30	peak			
4	2390.000	34.00	-8.00	26.00	54.00	-28.00	peak			
5	2400.000	63.43	-7.97	55.46	74.00	-18.54	peak			
6	2400.000	55.67	-7.97	47.70	54.00	-6.30	peak			
7	2483.500	46.59	-7.76	38.83	74.00	-35.17	peak			
8	2483.500	38.14	-7.76	30.38	54.00	-23.62	peak			
9	2500.000	42.61	-7.71	34.90	74.00	-39.10	peak			
10	2500.000	33.54	-7.71	25.83	54.00	-28.17	peak			

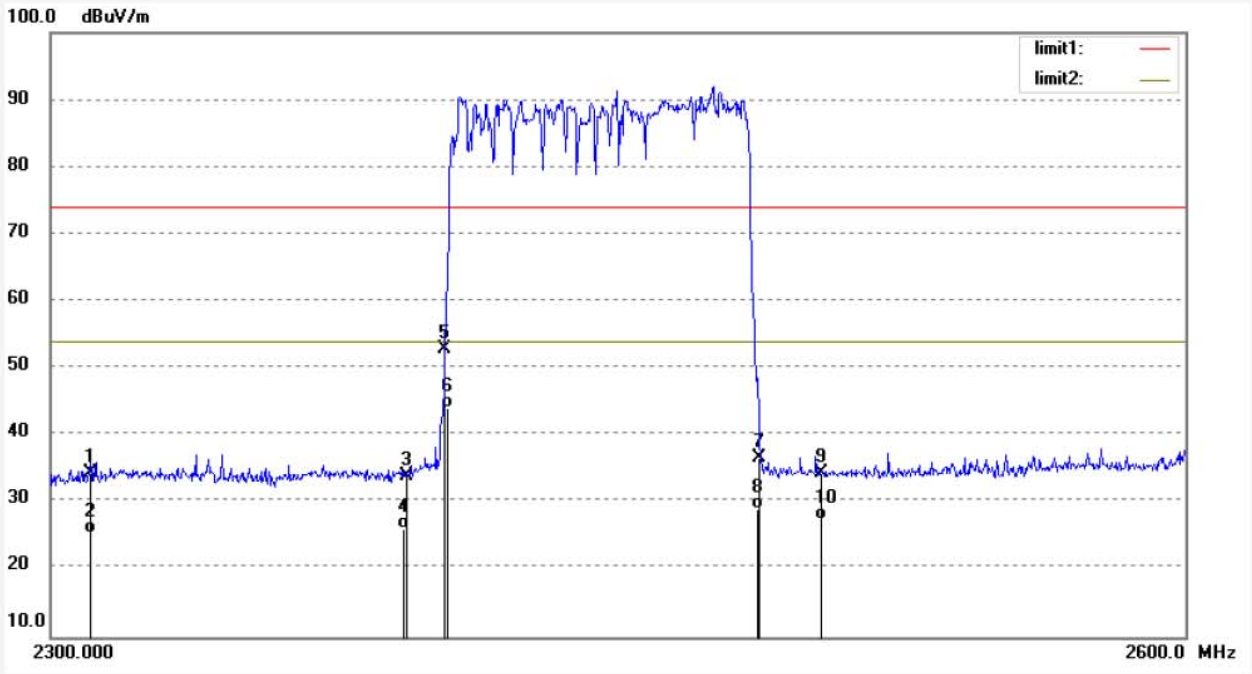
Note: Average measurement with peak detection at No.2&4&6&8&10

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.: STAR2016 #250
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Bluetooth module
Mode: HOPPING (8DPSK)
Model: BT03B110
Manufacturer: Xiamen Prima Technology Inc

Polarization: Vertical
Power Source: DC 5V
Date: 16/01/30/
Time: 11/35/15
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161327



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	42.54	-8.21	34.33	74.00	-39.67	peak			
2	2310.000	33.57	-8.21	25.36	54.00	-28.64	peak			
3	2390.000	42.00	-8.00	34.00	74.00	-40.00	peak			
4	2390.000	34.04	-8.00	26.04	54.00	-27.96	peak			
5	2400.000	60.85	-7.97	52.88	74.00	-21.12	peak			
6	2400.000	52.00	-7.97	44.03	54.00	-9.97	peak			
7	2483.500	44.45	-7.76	36.69	74.00	-37.31	peak			
8	2483.500	36.77	-7.76	29.01	54.00	-24.99	peak			
9	2500.000	42.23	-7.71	34.52	74.00	-39.48	peak			
10	2500.000	35.14	-7.71	27.43	54.00	-26.57	peak			

Note: Average measurement with peak detection at No.2&4&6&8&10

12. AC POWER LINE CONDUCTED EMISSION FOR FCC PART 15 SECTION 15.207(A)

12.1. Power Line Conducted Emission Measurement Limits

Frequency (MHz)	Limit dB(μV)	
	Quasi-peak Level	Average Level
0.15 - 0.50	66.0 – 56.0 *	56.0 – 46.0 *
0.50 - 5.00	56.0	46.0
5.00 - 30.00	60.0	50.0
NOTE1: The lower limit shall apply at the transition frequencies. NOTE2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.50MHz.		

12.2. Test Procedure

The EUT is put on the plane 0.8m high above the ground by insulating support and is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC lines are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.4: 2014 on Conducted Emission Measurement.
The bandwidth of test receiver (R & S ESCS30) is set at 9kHz.

The frequency range from 150kHz to 30MHz is checked.

12.3. Power Line Conducted Emission Measurement Results

N.A

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.

13. ANTENNA REQUIREMENT

13.1. The Requirement

According to Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

13.2. Antenna Construction

The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b); The Antenna gain of EUT is 2dBi. Therefore, the equipment complies with the antenna requirement.