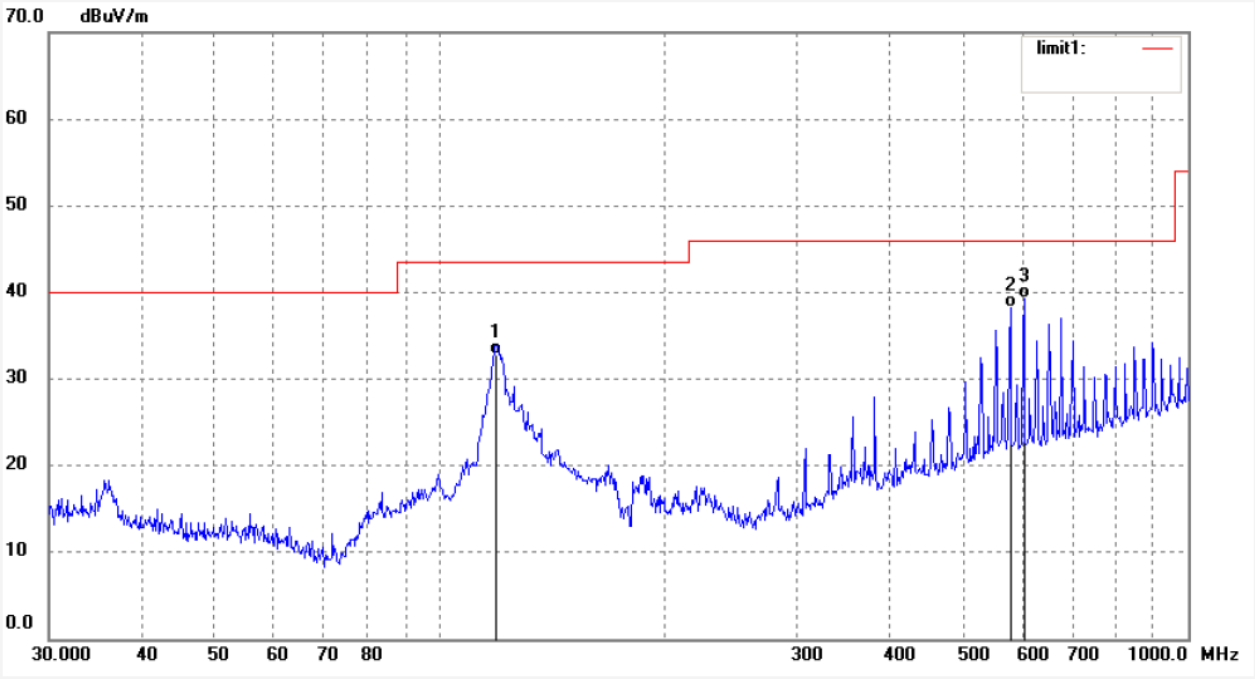
ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star2015 #308
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Indoor Air Quality Sensor
Mode: TX Channel 11(802.11b)
Model: FBT0002100
Manufacturer: Mixwell

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2015/06/22
Time: 16:07:24
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20151328



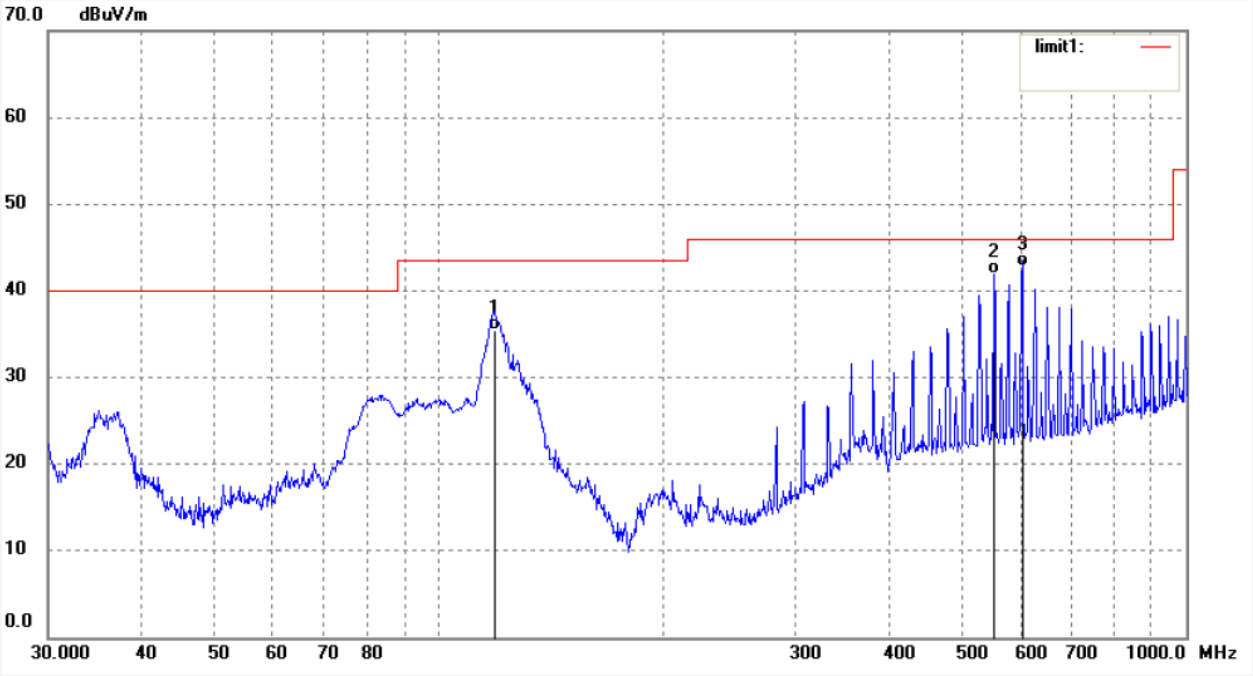

| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 119.0180 | 46.90 | -14.15 | 32.75 | 43.50 | -10.75 | QP | | | |
| 2 | 578.6698 | 42.32 | -4.13 | 38.19 | 46.00 | -7.81 | QP | | | |
| 3 | 603.5392 | 43.13 | -3.92 | 39.21 | 46.00 | -6.79 | QP | | | |

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 #307
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Indoor Air Quality Sensor
Mode: TX Channel 11(802.11b)
Model: FBT0002100
Manufacturer: Mixwell

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2015/06/22
Time: 16:06:38
Engineer Signature: Star
Distance: 3m

Note: Report No.:ATE20151328



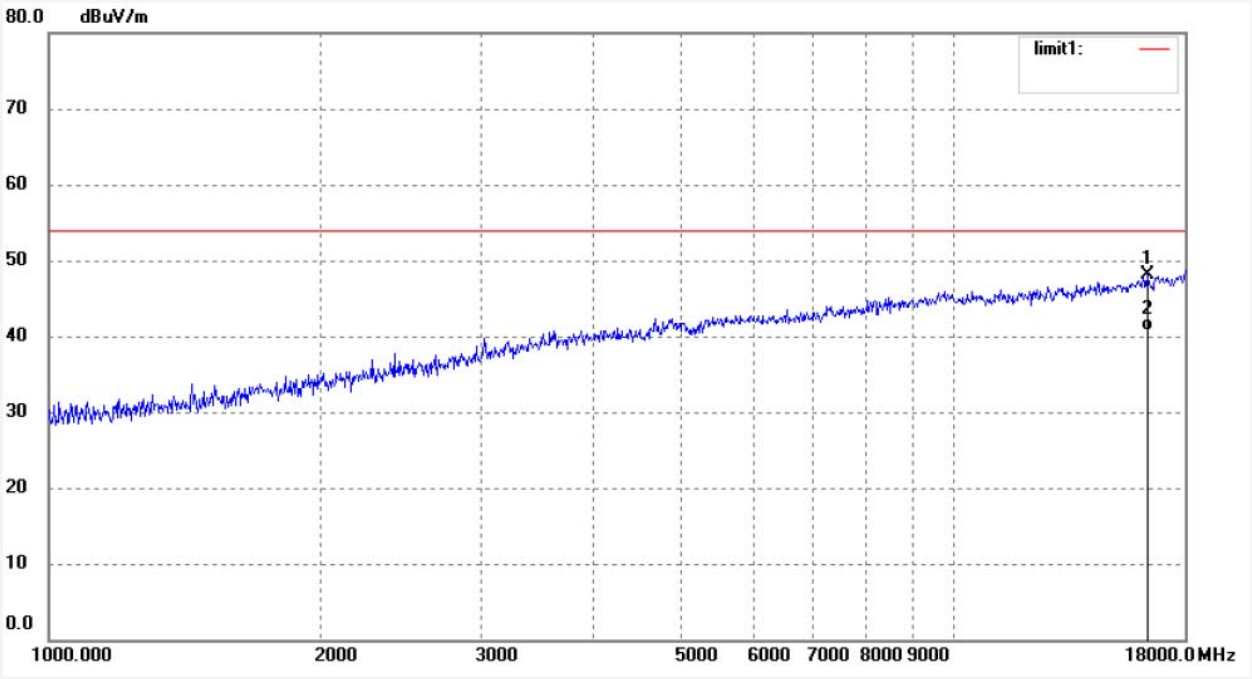

| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 119.0180 | 49.66 | -14.15 | 35.51 | 43.50 | -7.99 | QP | | | |
| 2 | 552.8832 | 46.52 | -4.54 | 41.98 | 46.00 | -4.02 | QP | | | |
| 3 | 603.5392 | 46.70 | -3.92 | 42.78 | 46.00 | -3.22 | QP | | | |

## Above 1G

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.: star2014 #586 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 15/06/23/ |
| Temp.( C)/Hum.(%) 25 C / 55 % | Time: 9/53/36 |
| EUT: Indoor Air Quality Sensor | Engineer Signature: STAR |
| Mode: TX Channel 1(802.11b) | Distance: 3m |
| Model: FBT0002100 | |
| Manufacturer: Mixwell | |

Note: Report No.:ATE20151328

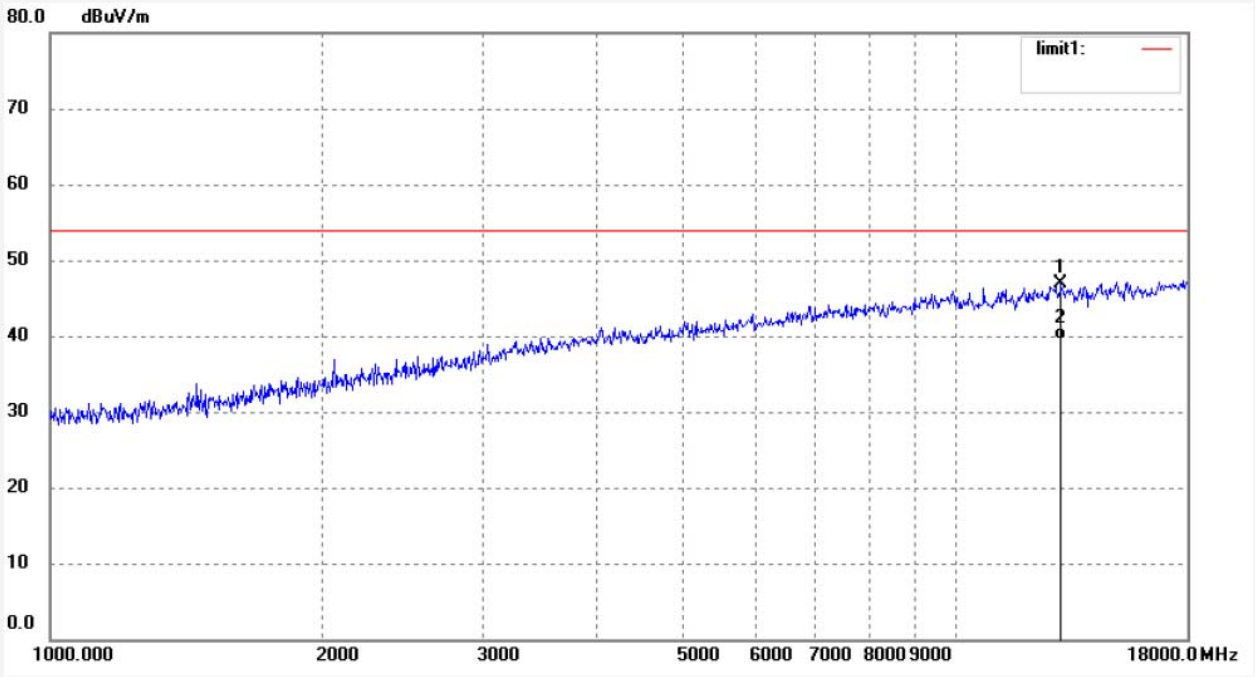



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 16362.457 | 36.10 | 12.01 | 48.11 | 74.00 | -25.89 | peak | | | |
| 2 | 16362.457 | 28.63 | 12.01 | 40.64 | 54.00 | -13.36 | peak | | | |

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.: star2014 #585 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 15/06/23/ |
| Temp.( C)/Hum.(%) 25 C / 55 % | Time: 9/50/52 |
| EUT: Indoor Air Quality Sensor | Engineer Signature: STAR |
| Mode: TX Channel 1(802.11b) | Distance: 3m |
| Model: FBT0002100 | |
| Manufacturer: Mixwell | |

Note: Report No.:ATE20151328



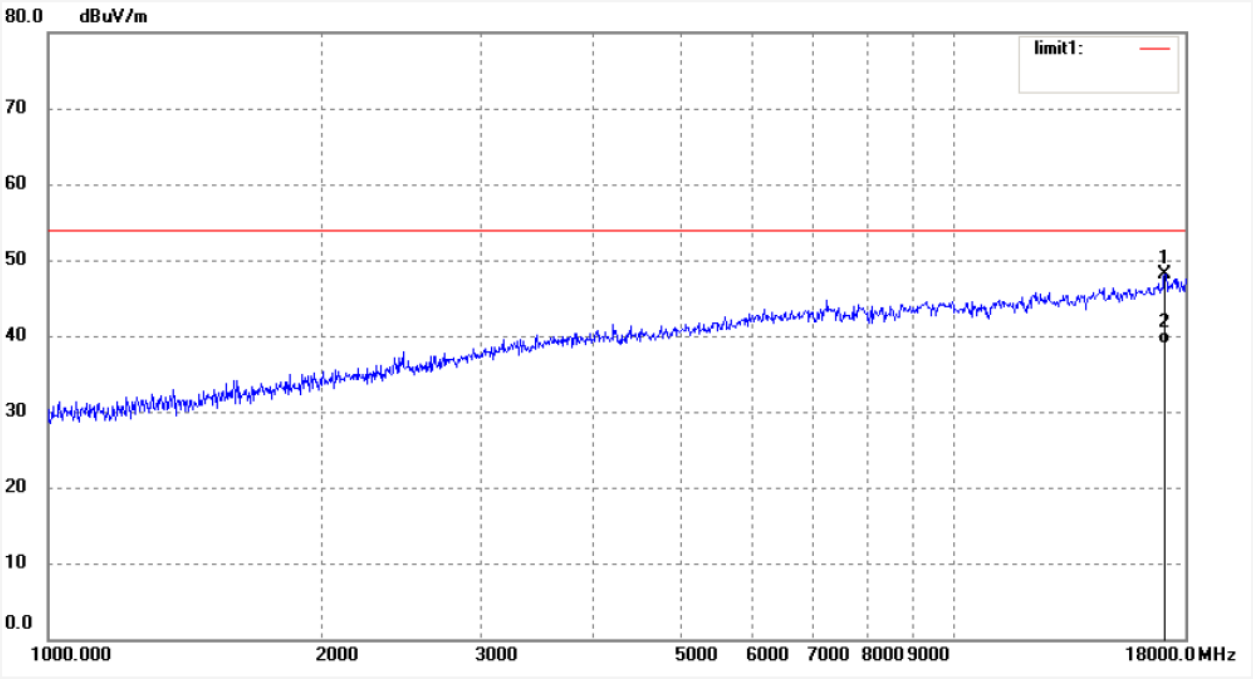

| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 13059.822 | 38.98 | 8.02 | 47.00 | 74.00 | -27.00 | peak | | | |
| 2 | 13059.822 | 31.47 | 8.02 | 39.49 | 54.00 | -14.51 | peak | | | |

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.: star2014 #587
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 25 C / 55 %
EUT: Indoor Air Quality Sensor
Mode: TX Channel 6(802.11b)
Model: FBT0002100
Manufacturer: Mixwell

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/06/23/
Time: 9/57/56
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20151328

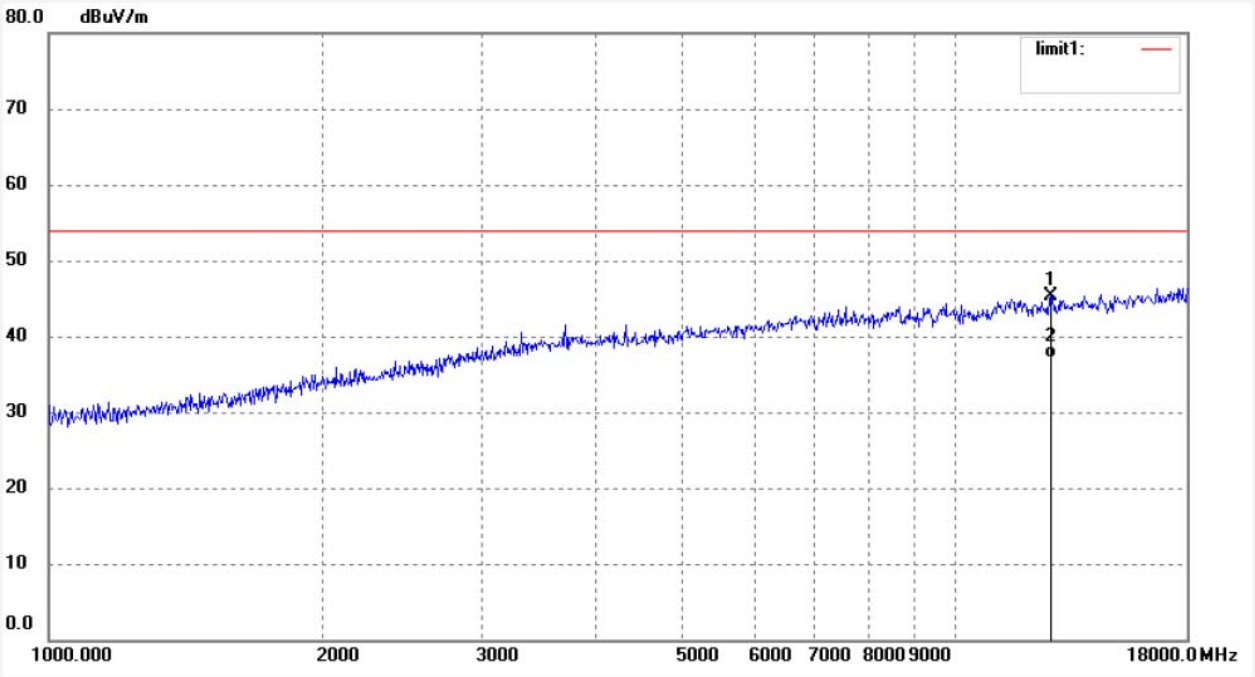



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 17087.464 | 33.87 | 14.19 | 48.06 | 74.00 | -25.94 | peak | | | |
| 2 | 17087.464 | 24.70 | 14.19 | 38.89 | 54.00 | -15.11 | peak | | | |

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.: star2014 #588 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 15/06/23/ |
| Temp.( C)/Hum.(%) 25 C / 55 % | Time: 10/01/39 |
| EUT: Indoor Air Quality Sensor | Engineer Signature: STAR |
| Mode: TX Channel 6(802.11b) | Distance: 3m |
| Model: FBT0002100 | |
| Manufacturer: Mixwell | |

Note: Report No.:ATE20151328

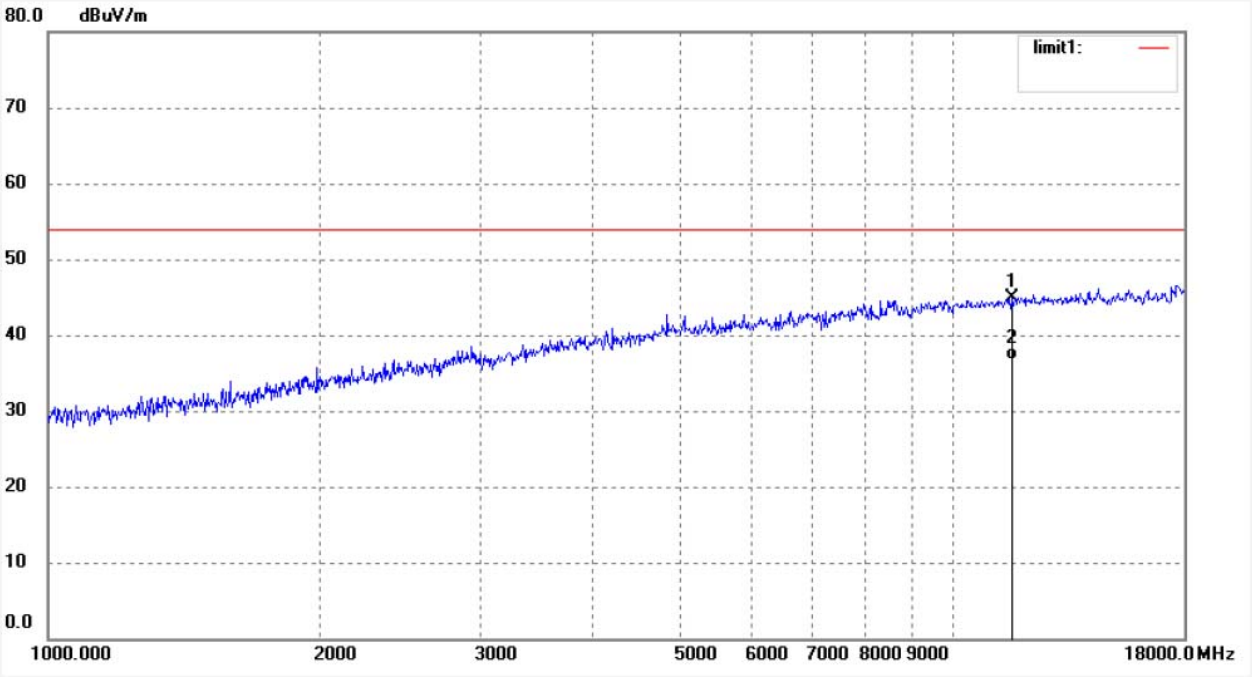



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12724.473 | 37.77 | 7.49 | 45.26 | 74.00 | -28.74 | peak | | | |
| 2 | 12724.473 | 29.68 | 7.49 | 37.17 | 54.00 | -16.83 | peak | | | |

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.: star2014 #590 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 15/06/23/ |
| Temp.( C)/Hum.(%) 25 C / 55 % | Time: 10/07/56 |
| EUT: Indoor Air Quality Sensor | Engineer Signature: STAR |
| Mode: TX Channel 11(802.11b) | Distance: 3m |
| Model: FBT0002100 | |
| Manufacturer: Mixwell | |

Note: Report No.:ATE20151328

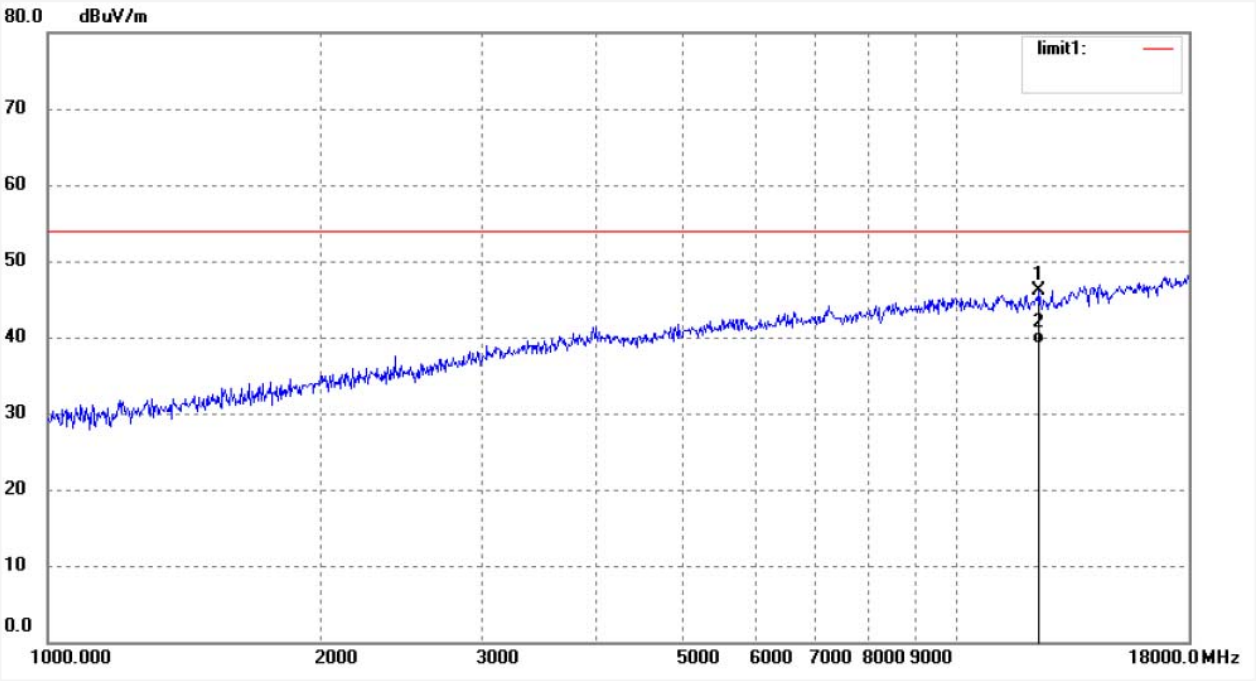



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 11600.350 | 38.77 | 6.14 | 44.91 | 74.00 | -29.09 | peak | | | |
| 2 | 11600.350 | 30.55 | 6.14 | 36.69 | 54.00 | -17.31 | peak | | | |

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.: star2014 #589 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 15/06/23/ |
| Temp.( C)/Hum.(%) 25 C / 55 % | Time: 10/04/22 |
| EUT: Indoor Air Quality Sensor | Engineer Signature: STAR |
| Mode: TX Channel 11(802.11b) | Distance: 3m |
| Model: FBT0002100 | |
| Manufacturer: Mixwell | |

Note: Report No.:ATE20151328



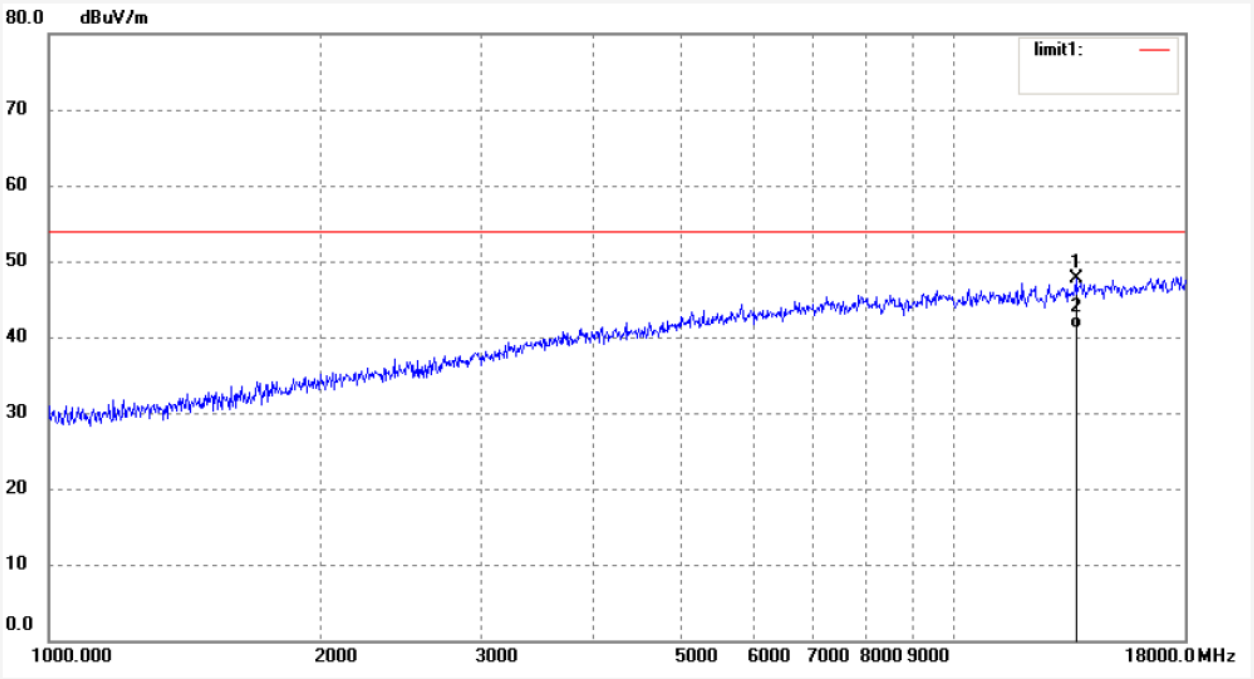

| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12326.274 | 39.21 | 6.93 | 46.14 | 74.00 | -27.86 | peak | | | |
| 2 | 12326.274 | 32.19 | 6.93 | 39.12 | 54.00 | -14.88 | peak | | | |

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.: star2014 #591
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 25 C / 55 %
EUT: Indoor Air Quality Sensor
Mode: TX Channel 1(802.11g)
Model: FBT0002100
Manufacturer: Mixwell

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/06/23/
Time: 10/11/47
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20151328



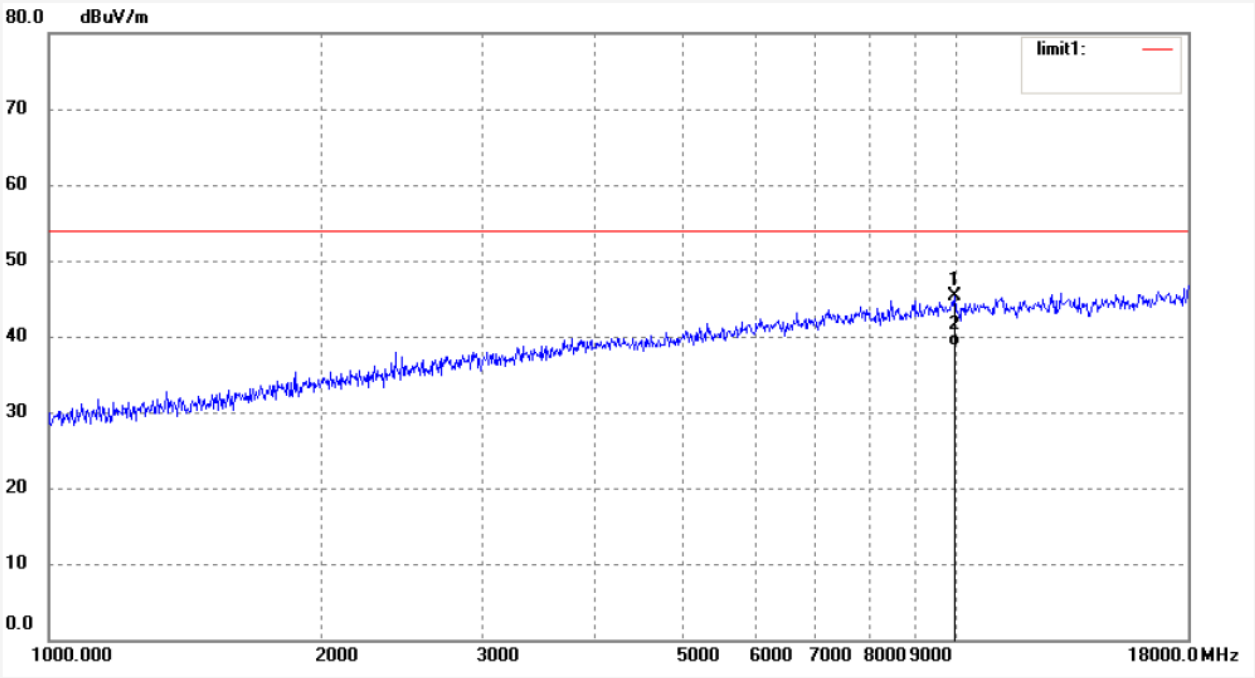

| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 13638.492 | 38.23 | 9.43 | 47.66 | 74.00 | -26.34 | peak | | | |
| 2 | 13638.492 | 31.67 | 9.43 | 41.10 | 54.00 | -12.90 | peak | | | |

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.: star2014 #592
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 25 C / 55 %
EUT: Indoor Air Quality Sensor
Mode: TX Channel 1(802.11g)
Model: FBT0002100
Manufacturer: Mixwell

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/06/23/
Time: 10/15/30
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20151328



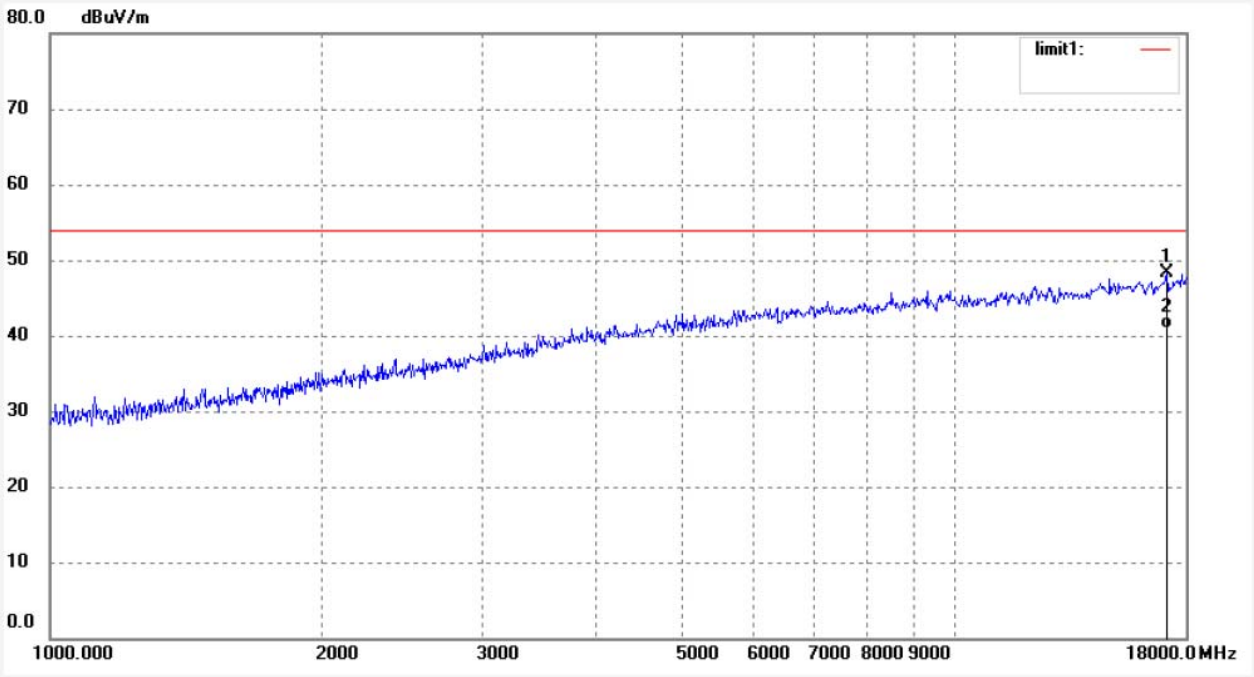

| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 9952.717 | 40.10 | 5.27 | 45.37 | 74.00 | -28.63 | peak | | | |
| 2 | 9952.717 | 33.47 | 5.27 | 38.74 | 54.00 | -15.26 | peak | | | |

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.: star2014 #594
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 25 C / 55 %
EUT: Indoor Air Quality Sensor
Mode: TX Channel 6(802.11g)
Model: FBT0002100
Manufacturer: Mixwell

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/06/23/
Time: 10/22/46
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20151328

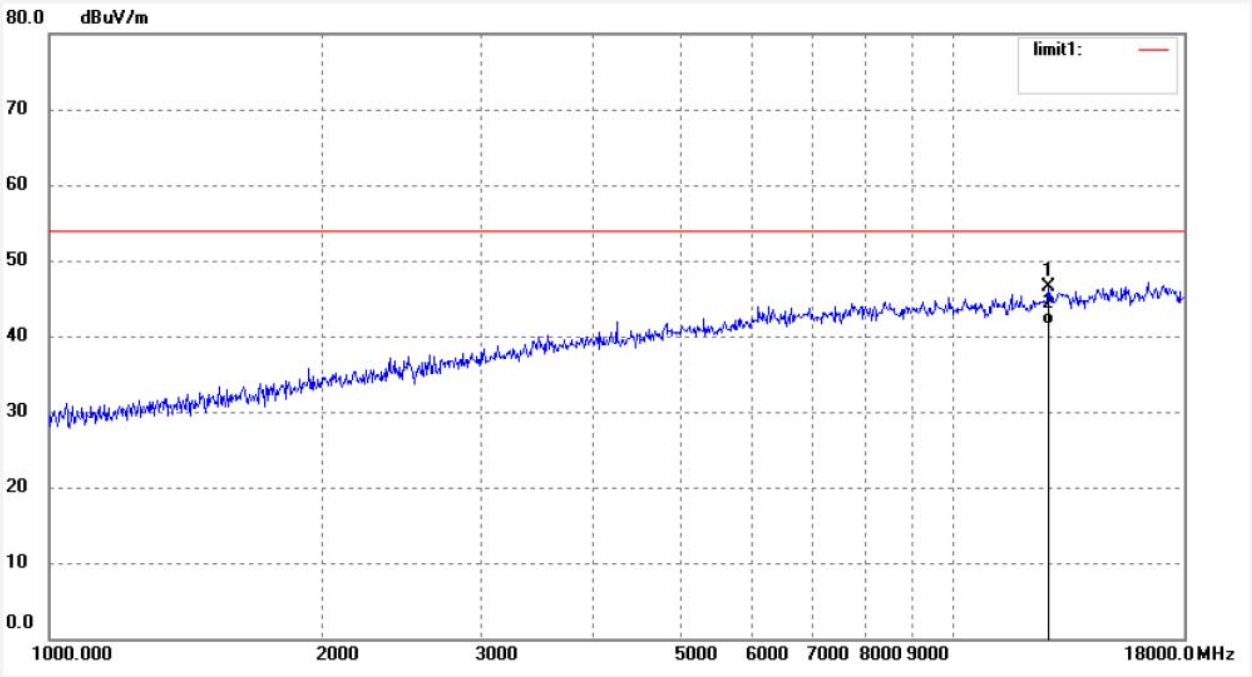



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 17136.924 | 33.81 | 14.42 | 48.23 | 74.00 | -25.77 | peak | | | |
| 2 | 17136.924 | 26.40 | 14.42 | 40.82 | 54.00 | -13.18 | peak | | | |

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.: star2014 #593 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 15/06/23/ |
| Temp.( C)/Hum.(%) 25 C / 55 % | Time: 10/18/10 |
| EUT: Indoor Air Quality Sensor | Engineer Signature: STAR |
| Mode: TX Channel 6(802.11g) | Distance: 3m |
| Model: FBT0002100 | |
| Manufacturer: Mixwell | |

Note: Report No.:ATE20151328



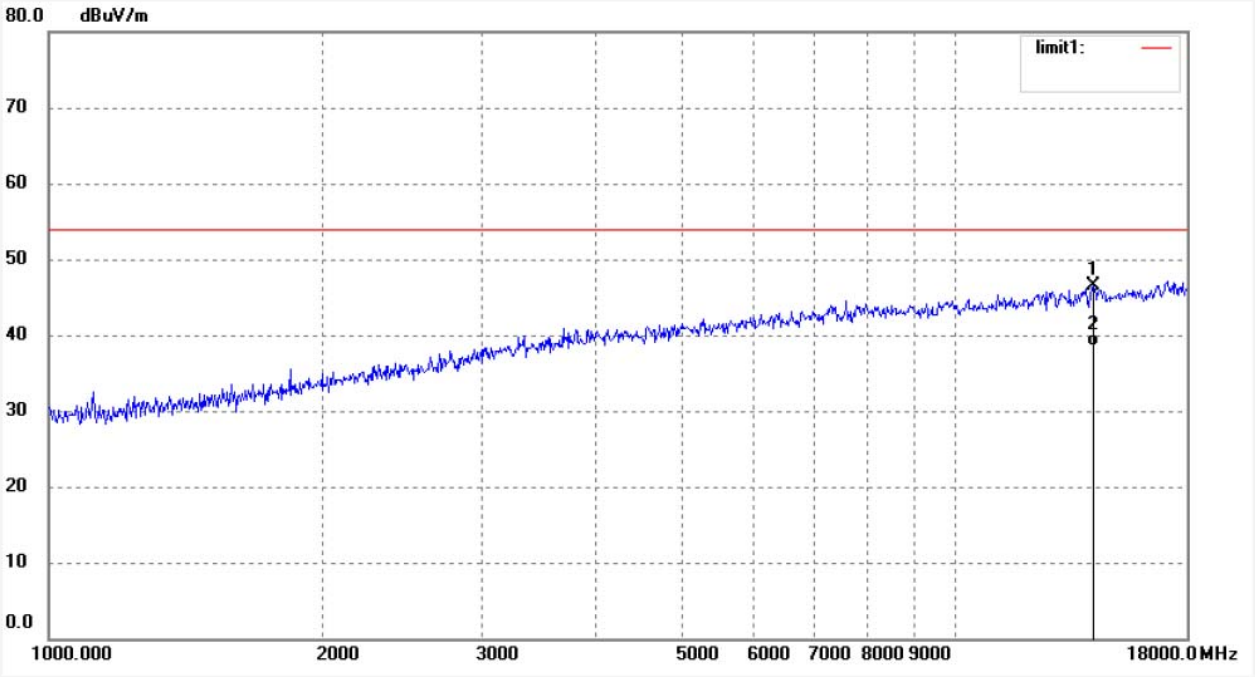

| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12724.473 | 39.03 | 7.49 | 46.52 | 74.00 | -27.48 | peak | | | |
| 2 | 12724.473 | 34.00 | 7.49 | 41.49 | 54.00 | -12.51 | peak | | | |

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.: star2014 #595
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 25 C / 55 %
EUT: Indoor Air Quality Sensor
Mode: TX Channel 11(802.11g)
Model: FBT0002100
Manufacturer: Mixwell

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/06/23/
Time: 10/26/23
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20151328

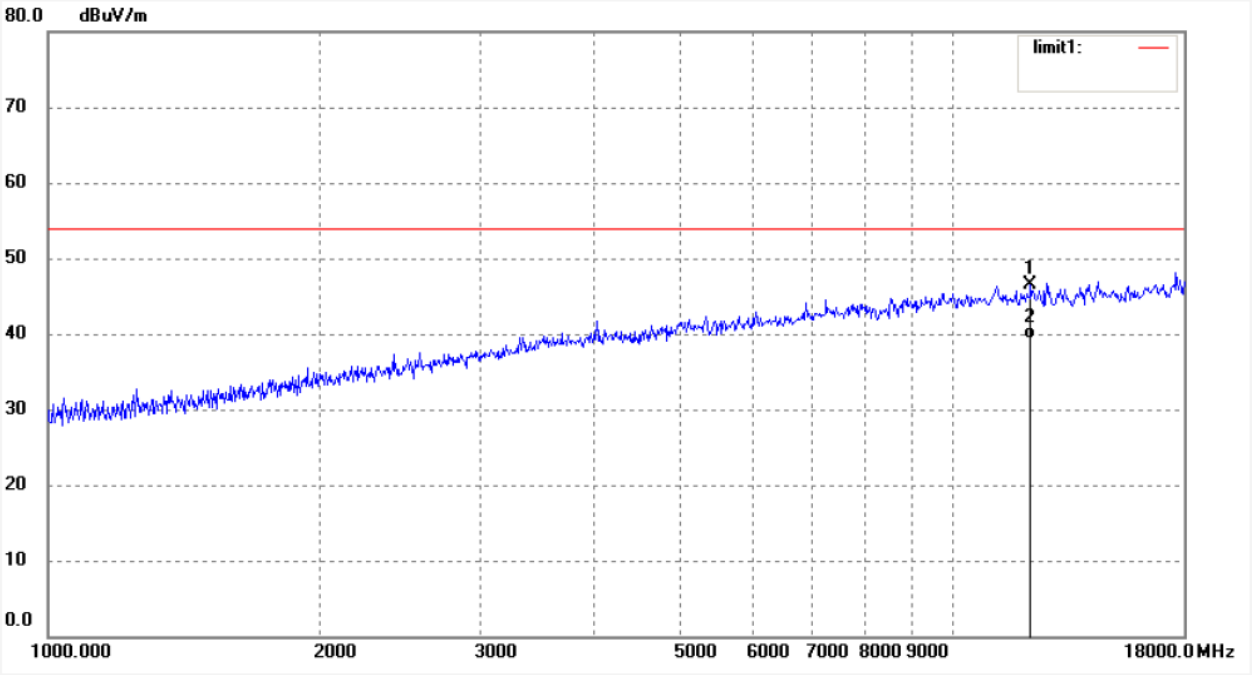



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 14201.694 | 34.99 | 11.45 | 46.44 | 74.00 | -27.56 | peak | | | |
| 2 | 14201.694 | 26.96 | 11.45 | 38.41 | 54.00 | -15.59 | peak | | | |

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.: star2014 #596 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 15/06/23/ |
| Temp.( C)/Hum.(%) 25 C / 55 % | Time: 10/30/06 |
| EUT: Indoor Air Quality Sensor | Engineer Signature: STAR |
| Mode: TX Channel 11(802.11g) | Distance: 3m |
| Model: FBT0002100 | |
| Manufacturer: Mixwell | |

Note: Report No.:ATE20151328

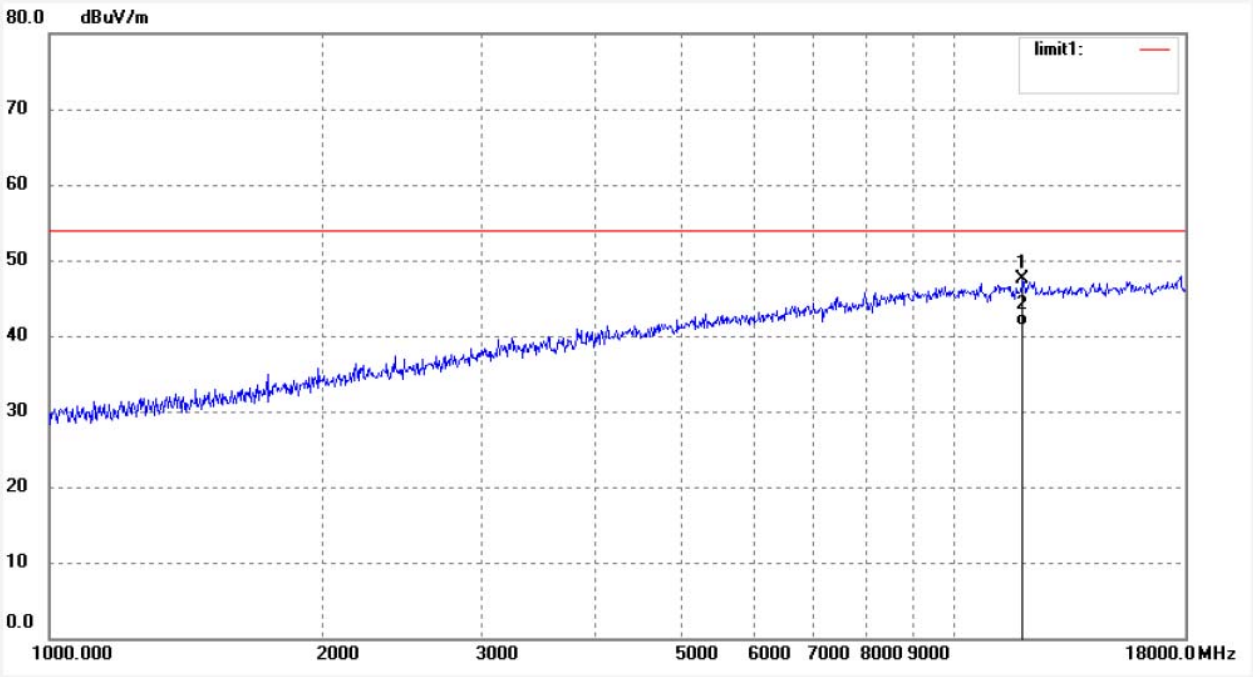



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12184.584 | 39.73 | 6.73 | 46.46 | 74.00 | -27.54 | peak | | | |
| 2 | 12184.584 | 32.58 | 6.73 | 39.31 | 54.00 | -14.69 | peak | | | |

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.: star2014 #598 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 15/06/23/ |
| Temp.( C)/Hum.(%) 25 C / 55 % | Time: 10/37/11 |
| EUT: Indoor Air Quality Sensor | Engineer Signature: STAR |
| Mode: TX Channel 1(802.11n20) | Distance: 3m |
| Model: FBT0002100 | |
| Manufacturer: Mixwell | |

Note: Report No.:ATE20151328

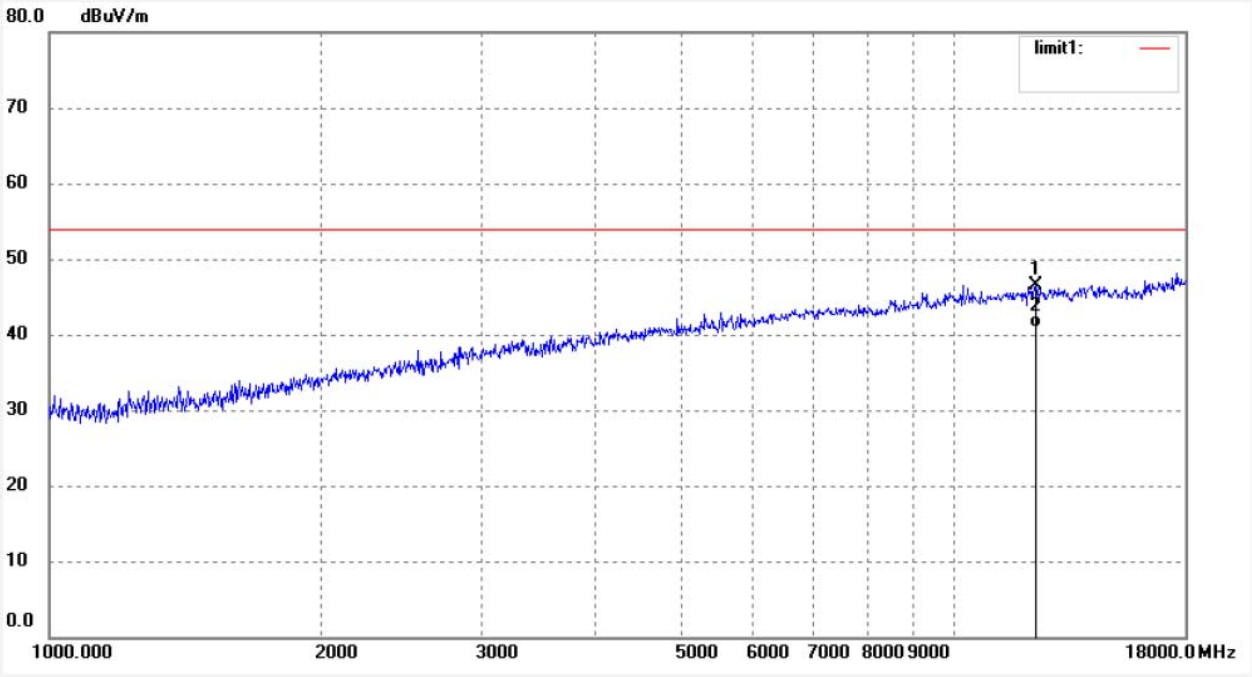



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 11906.073 | 41.10 | 6.41 | 47.51 | 74.00 | -26.49 | peak | | | |
| 2 | 11906.073 | 34.90 | 6.41 | 41.31 | 54.00 | -12.69 | peak | | | |

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.: star2014 #597 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 15/06/23/ |
| Temp.( C)/Hum.(%) 25 C / 55 % | Time: 10/33/04 |
| EUT: Indoor Air Quality Sensor | Engineer Signature: STAR |
| Mode: TX Channel 1(802.11n20) | Distance: 3m |
| Model: FBT0002100 | |
| Manufacturer: Mixwell | |

Note: Report No.:ATE20151328

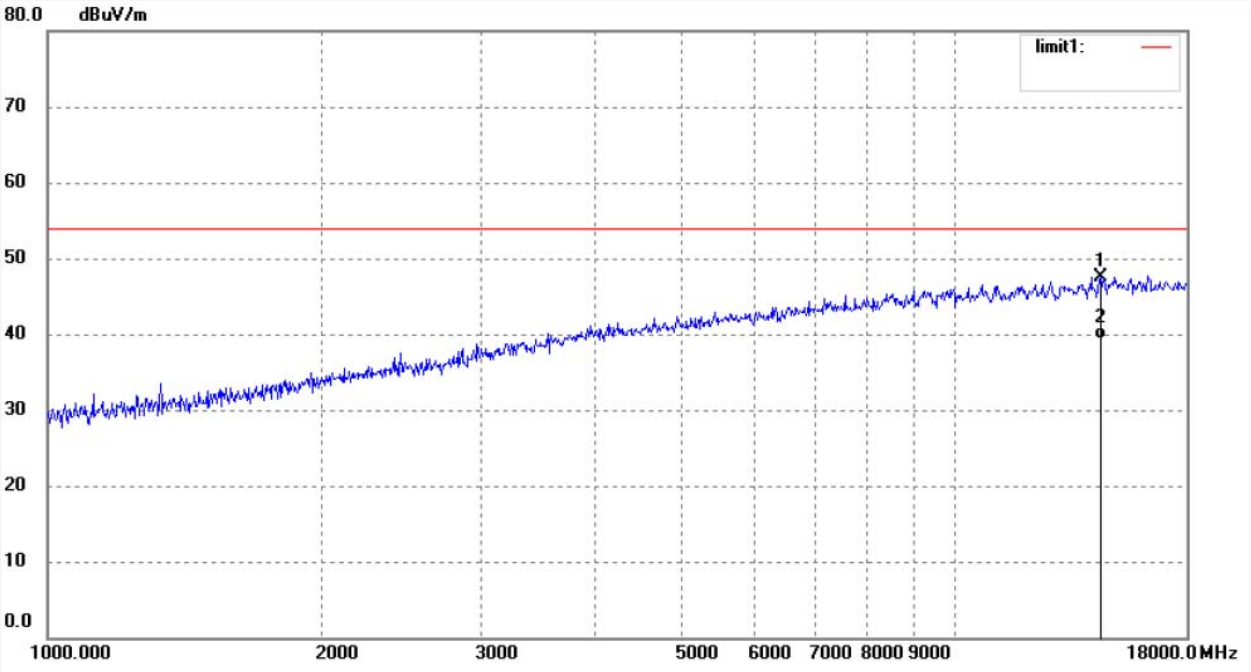



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12290.698 | 39.68 | 6.88 | 46.56 | 74.00 | -27.44 | peak | | | |
| 2 | 12290.698 | 34.10 | 6.88 | 40.98 | 54.00 | -13.02 | peak | | | |

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.: star2014 #599 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 15/06/23/ |
| Temp.( C)/Hum.(%) 25 C / 55 % | Time: 10/41/59 |
| EUT: Indoor Air Quality Sensor | Engineer Signature: STAR |
| Mode: TX Channel 6(802.11n20) | Distance: 3m |
| Model: FBT0002100 | |
| Manufacturer: Mixwell | |

Note: Report No.:ATE20151328



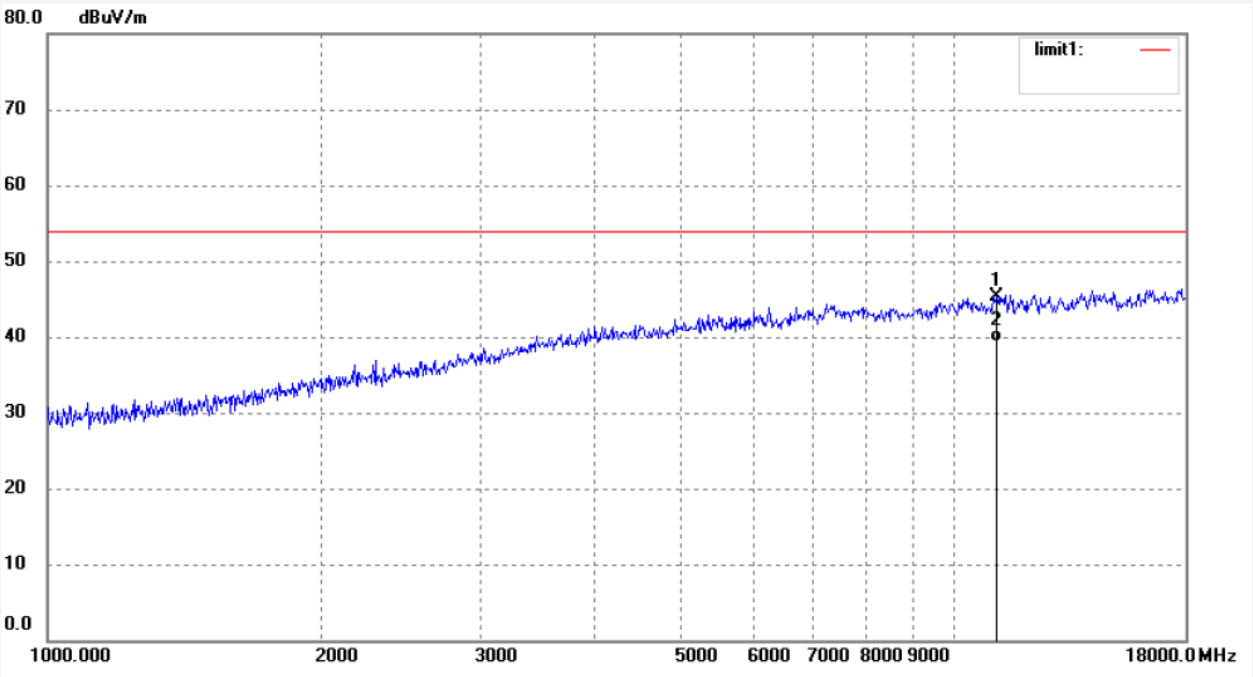

| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 14491.958 | 34.55 | 12.95 | 47.50 | 74.00 | -26.50 | peak | | | |
| 2 | 14491.958 | 26.39 | 12.95 | 39.34 | 54.00 | -14.66 | peak | | | |

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.: star2014 #600
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 25 C / 55 %
EUT: Indoor Air Quality Sensor
Mode: TX Channel 6(802.11n20)
Model: FBT0002100
Manufacturer: Mixwell

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/06/23/
Time: 10/45/49
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20151328

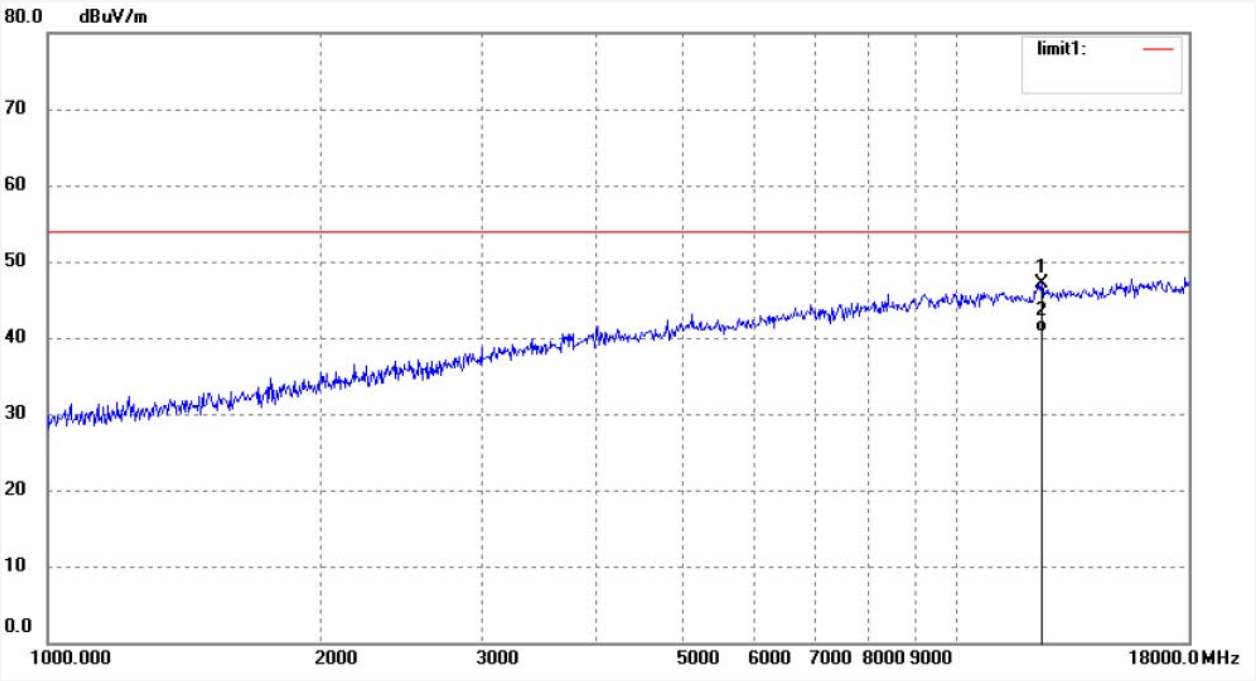



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 11140.310 | 39.73 | 5.65 | 45.38 | 74.00 | -28.62 | peak | | | |
| 2 | 11140.310 | 33.69 | 5.65 | 39.34 | 54.00 | -14.66 | peak | | | |

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.: star2014 #602 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 15/06/23/ |
| Temp.( C)/Hum.(%) 25 C / 55 % | Time: 10/53/26 |
| EUT: Indoor Air Quality Sensor | Engineer Signature: STAR |
| Mode: TX Channel 11(802.11n20) | Distance: 3m |
| Model: FBT0002100 | |
| Manufacturer: Mixwell | |

Note: Report No.:ATE20151328



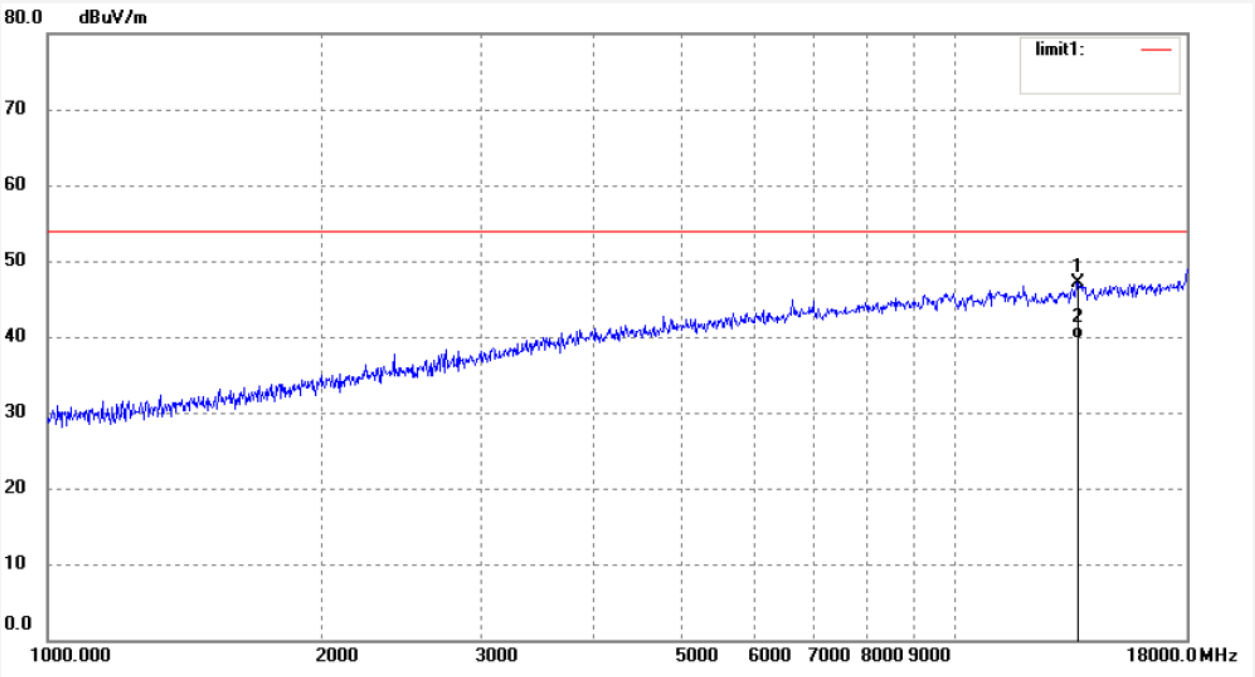

| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12397.735 | 40.12 | 7.02 | 47.14 | 74.00 | -26.86 | peak | | | |
| 2 | 12397.735 | 33.60 | 7.02 | 40.62 | 54.00 | -13.38 | peak | | | |

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.: star2014 #601
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 25 C / 55 %
EUT: Indoor Air Quality Sensor
Mode: TX Channel 11(802.11n20)
Model: FBT0002100
Manufacturer: Mixwell

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/06/23/
Time: 10/49/38
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20151328

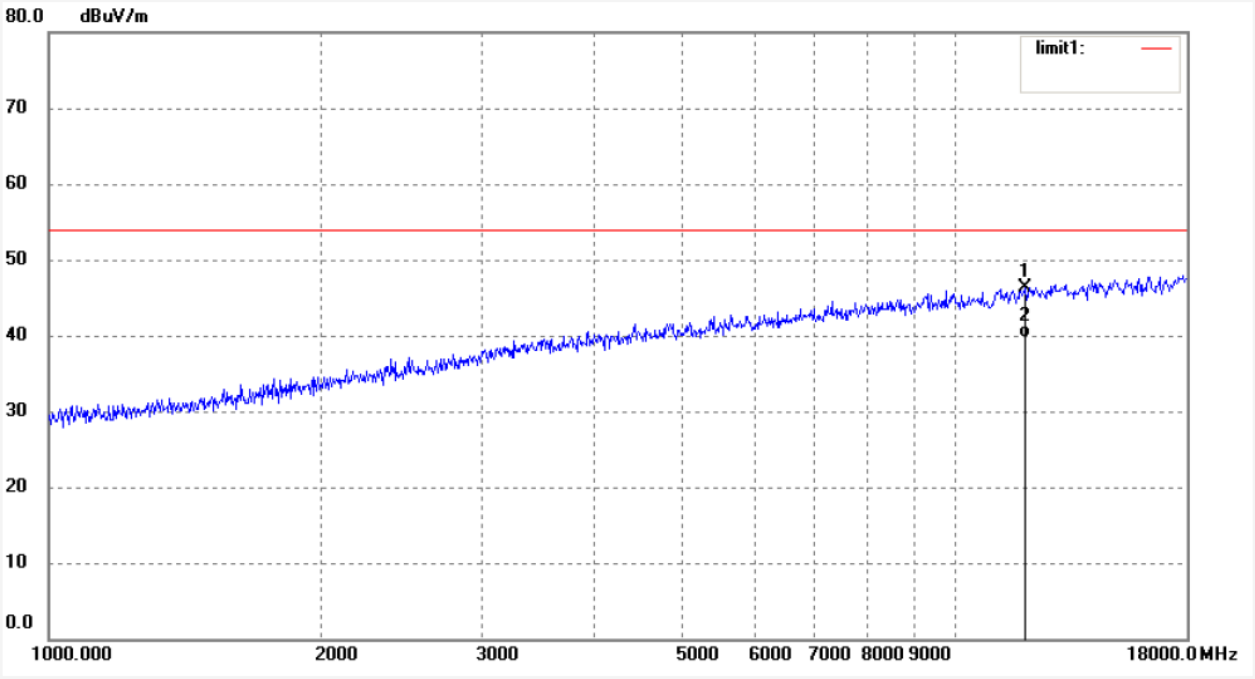



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 13638.492 | 37.75 | 9.43 | 47.18 | 74.00 | -26.82 | peak | | | |
| 2 | 13638.492 | 30.20 | 9.43 | 39.63 | 54.00 | -14.37 | peak | | | |

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.: star2014 #604 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 15/06/23/ |
| Temp.( C)/Hum.(%) 25 C / 55 % | Time: 10/59/03 |
| EUT: Indoor Air Quality Sensor | Engineer Signature: STAR |
| Mode: TX Channel 3(802.11n)40MHz | Distance: 3m |
| Model: FBT0002100 | |
| Manufacturer: Mixwell | |

Note: Report No.:ATE20151328

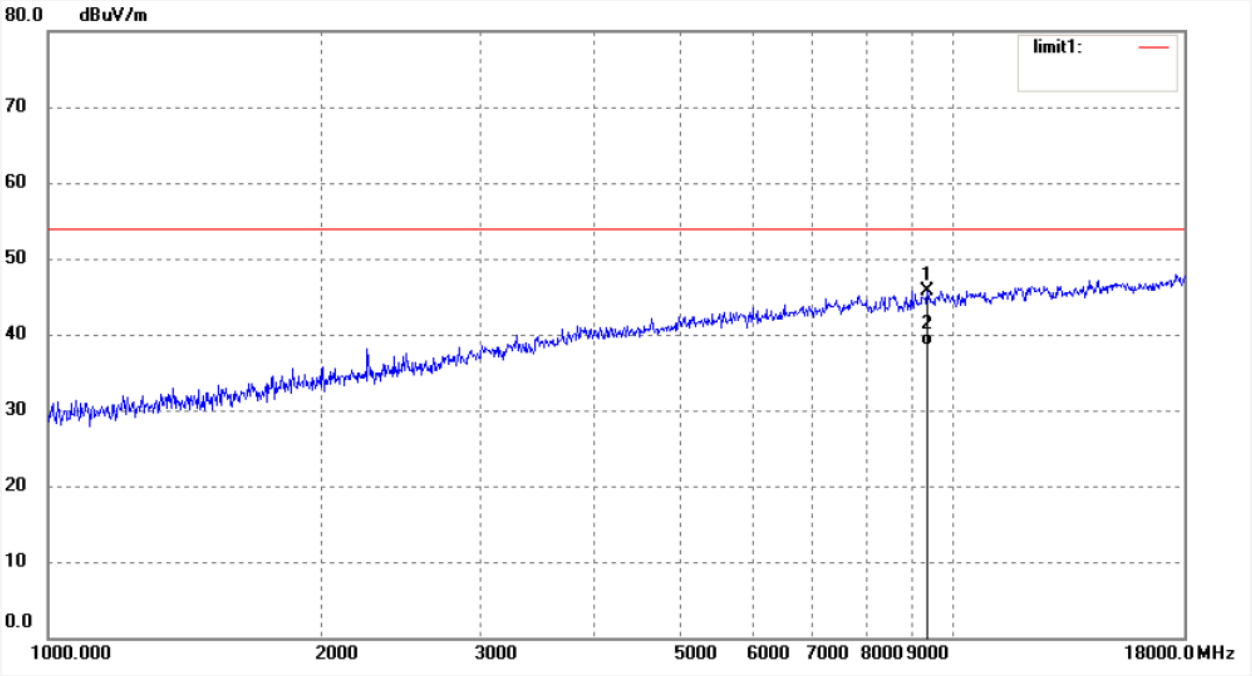



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 11940.535 | 39.97 | 6.43 | 46.40 | 74.00 | -27.60 | peak | | | |
| 2 | 11940.535 | 33.25 | 6.43 | 39.68 | 54.00 | -14.32 | peak | | | |

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.: star2014 #603 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 15/06/23/ |
| Temp.( C)/Hum.(%) 25 C / 55 % | Time: 10/56/25 |
| EUT: Indoor Air Quality Sensor | Engineer Signature: STAR |
| Mode: TX Channel 3(802.11n)40MHz | Distance: 3m |
| Model: FBT0002100 | |
| Manufacturer: Mixwell | |

Note: Report No.:ATE20151328

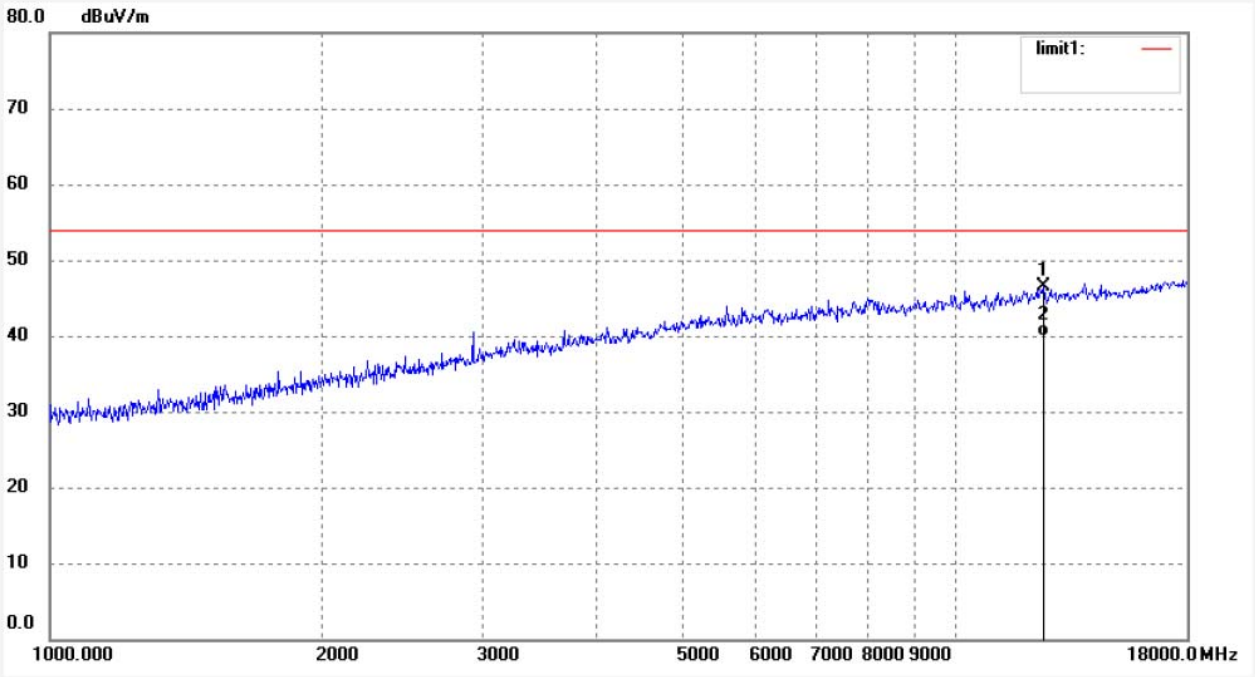



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 9366.577 | 41.36 | 4.44 | 45.80 | 74.00 | -28.20 | peak | | | |
| 2 | 9366.577 | 34.16 | 4.44 | 38.60 | 54.00 | -15.40 | peak | | | |

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.: star2014 #605 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 15/06/23/ |
| Temp.( C)/Hum.(%) 25 C / 55 % | Time: 11/03/04 |
| EUT: Indoor Air Quality Sensor | Engineer Signature: STAR |
| Mode: TX Channel 6(802.11n)40MHz | Distance: 3m |
| Model: FBT0002100 | |
| Manufacturer: Mixwell | |

Note: Report No.:ATE20151328



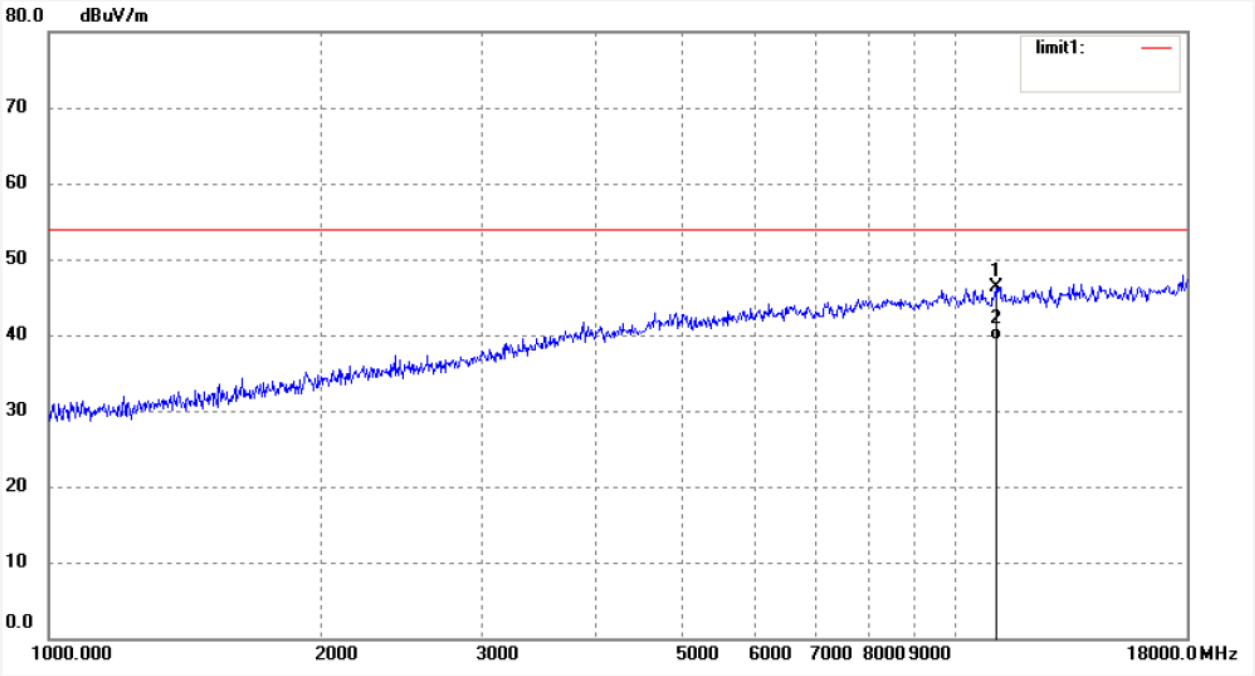

| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12505.705 | 39.28 | 7.16 | 46.44 | 74.00 | -27.56 | peak | | | |
| 2 | 12505.705 | 32.65 | 7.16 | 39.81 | 54.00 | -14.19 | peak | | | |

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.: star2014 #606
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 25 C / 55 %
EUT: Indoor Air Quality Sensor
Mode: TX Channel 6(802.11n)40MHz
Model: FBT0002100
Manufacturer: Mixwell

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/06/23/
Time: 11/08/22
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20151328

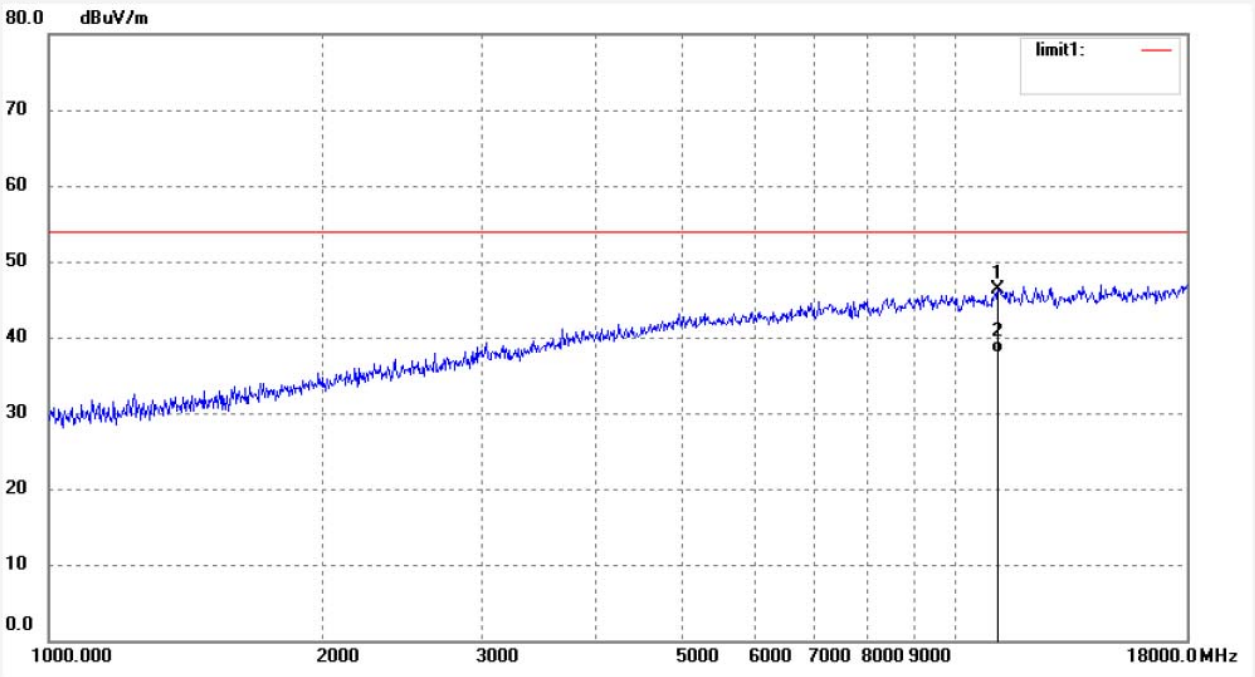



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 11076.096 | 40.72 | 5.58 | 46.30 | 74.00 | -27.70 | peak | | | |
| 2 | 11076.096 | 33.71 | 5.58 | 39.29 | 54.00 | -14.71 | peak | | | |

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.: star2014 #608 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 15/06/23/ |
| Temp.( C)/Hum.(%) 25 C / 55 % | Time: 11/16/17 |
| EUT: Indoor Air Quality Sensor | Engineer Signature: STAR |
| Mode: TX Channel 9(802.11n)40MHz | Distance: 3m |
| Model: FBT0002100 | |
| Manufacturer: Mixwell | |

Note: Report No.:ATE20151328

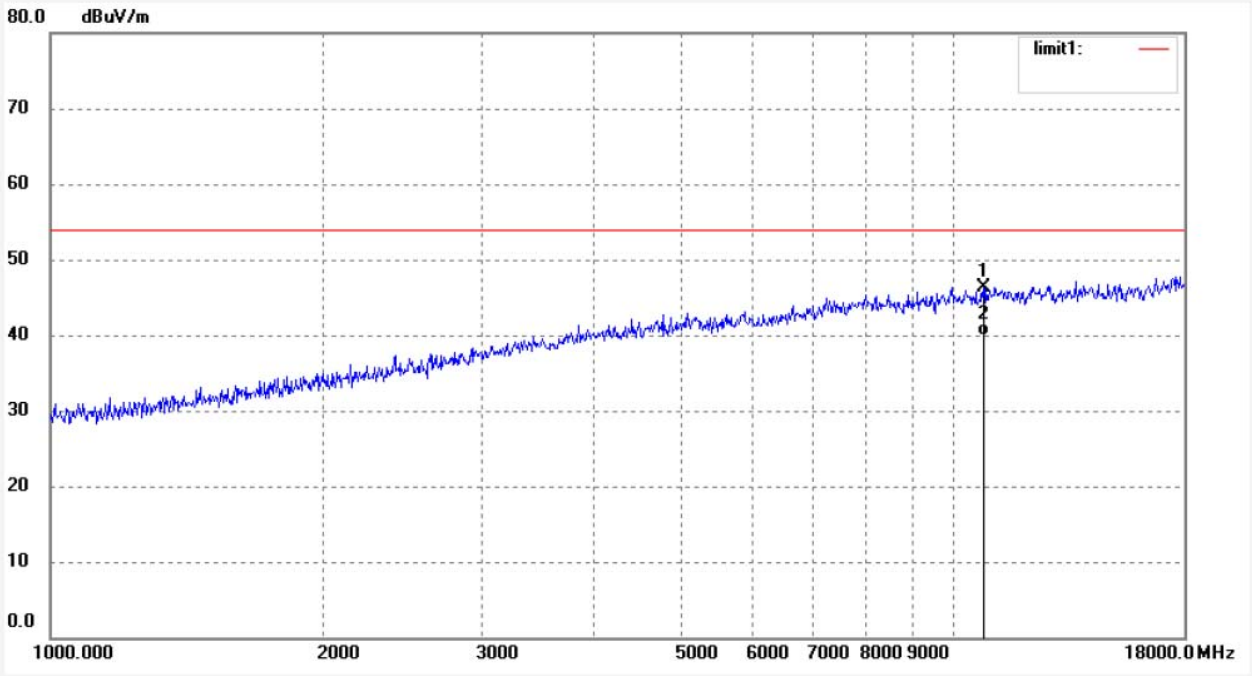



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 11140.310 | 40.59 | 5.65 | 46.24 | 74.00 | -27.76 | peak | | | |
| 2 | 11140.310 | 32.17 | 5.65 | 37.82 | 54.00 | -16.18 | peak | | | |

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.: star2014 #607 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 15/06/23/ |
| Temp.( C)/Hum.(%) 25 C / 55 % | Time: 11/12/17 |
| EUT: Indoor Air Quality Sensor | Engineer Signature: STAR |
| Mode: TX Channel 9(802.11n)40MHz | Distance: 3m |
| Model: FBT0002100 | |
| Manufacturer: Mixwell | |

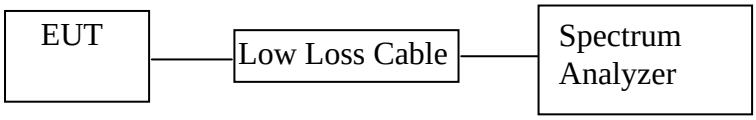
Note: Report No.:ATE20151328




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10791.685 | 41.00 | 5.38 | 46.38 | 74.00 | -27.62 | peak | | | |
| 2 | 10791.685 | 34.52 | 5.38 | 39.90 | 54.00 | -14.10 | peak | | | |

# 11. CONDUCTED SPURIOUS EMISSION COMPLIANCE TEST

## 11.1. Block Diagram of Test Setup




## 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 is 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 modes measure it. The transmit frequency are 2412-2462 and 2422-2452MHz. We select 2412MHz, 2437MHz, 2462MHz and 2422MHz, 2437MHz, 2452MHz 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 100kHz and VBW to 300kHz.

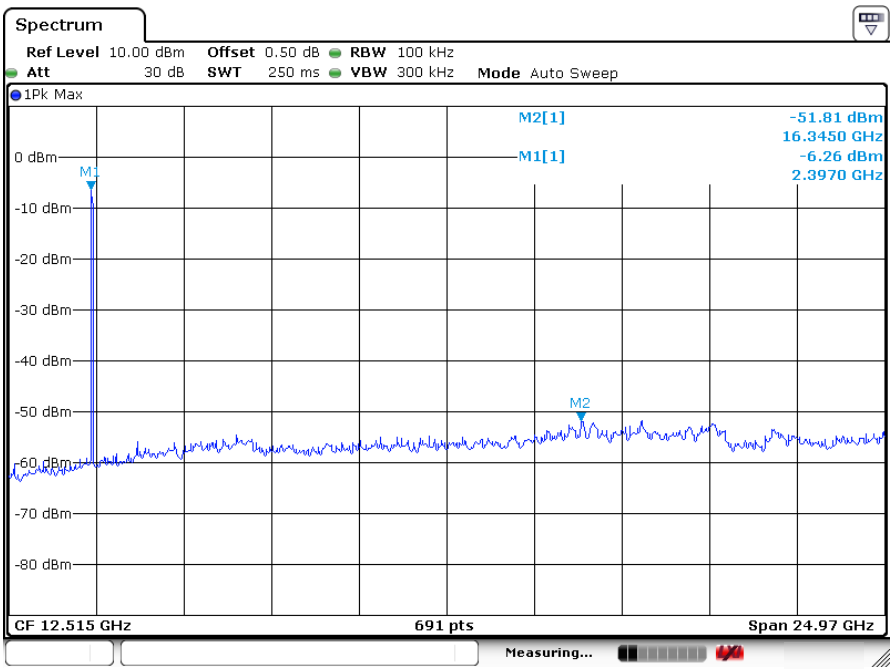
11.5.3.The Conducted Spurious Emission was measured and recorded.

## 11.6.Test Result

**Pass.**

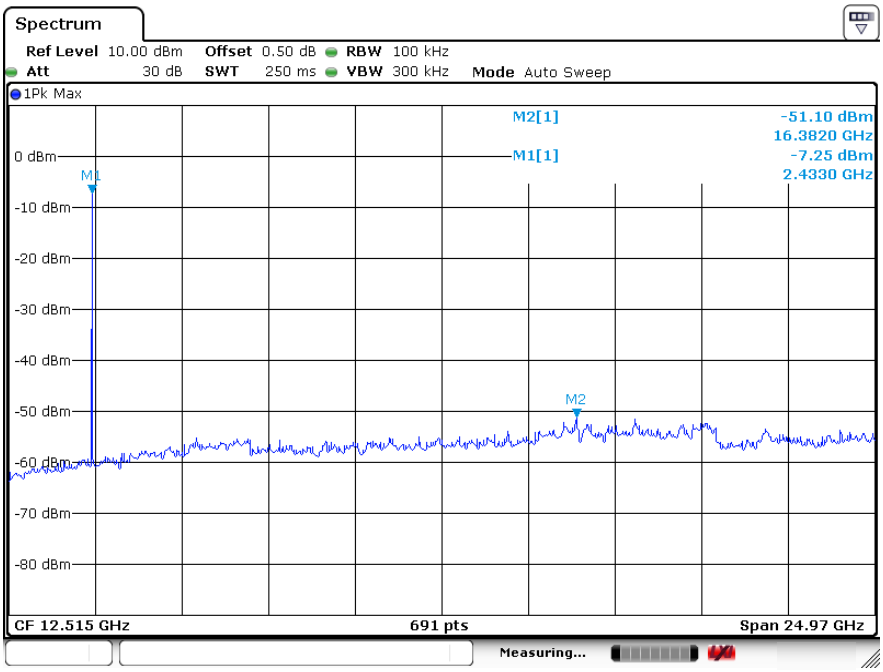
The spectrum analyzer plots are attached as below.

## TX 802.11b Channel Low 2412MHz



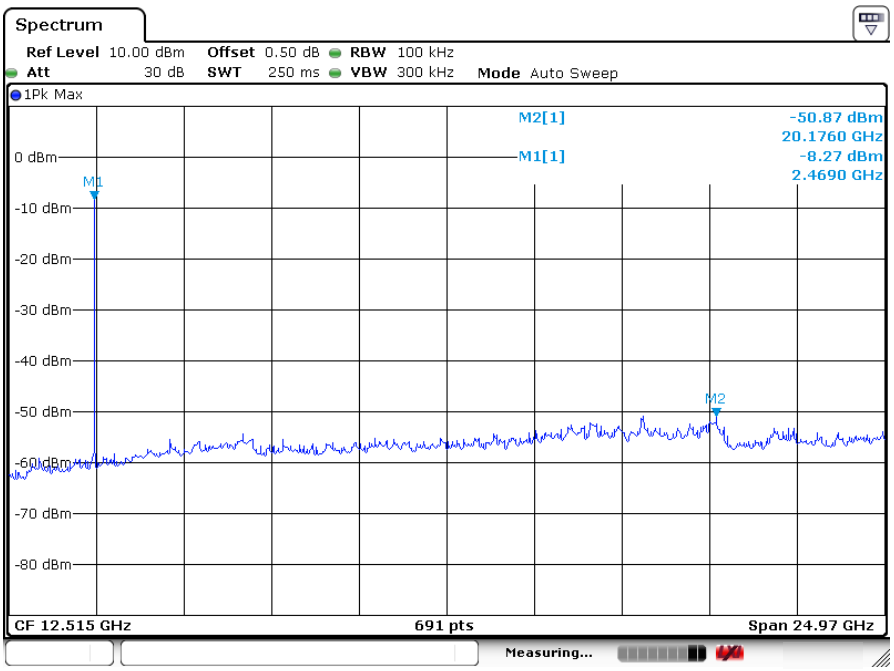

Date: 26.Jun.2015 10:48:13

## TX 802.11b Channel Middle 2437MHz



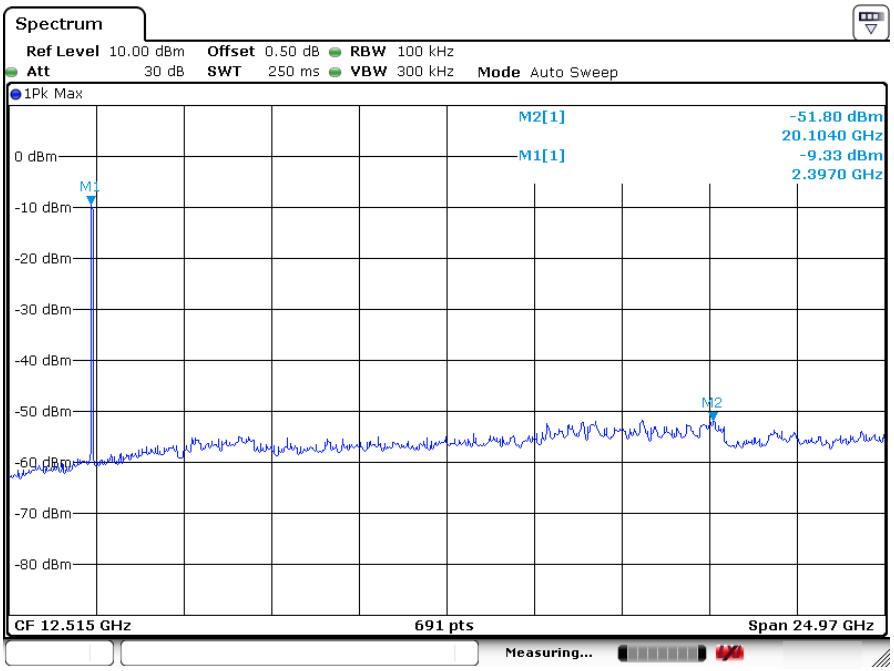

Date: 26.Jun.2015 10:47:00

## TX 802.11b Channel High 2462MHz



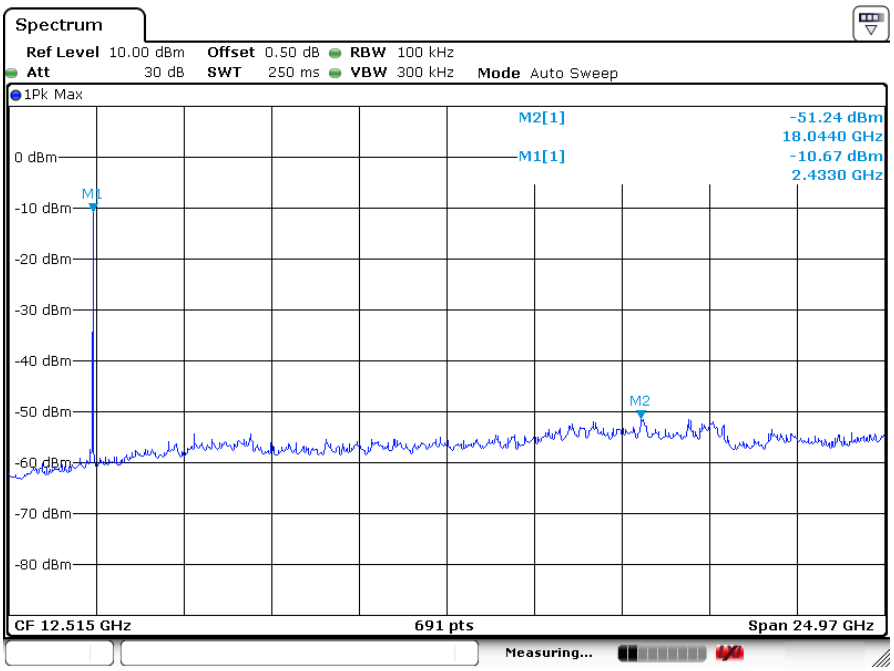

Date: 26.Jun.2015 10:49:12

## TX 802.11g Channel Low 2412MHz



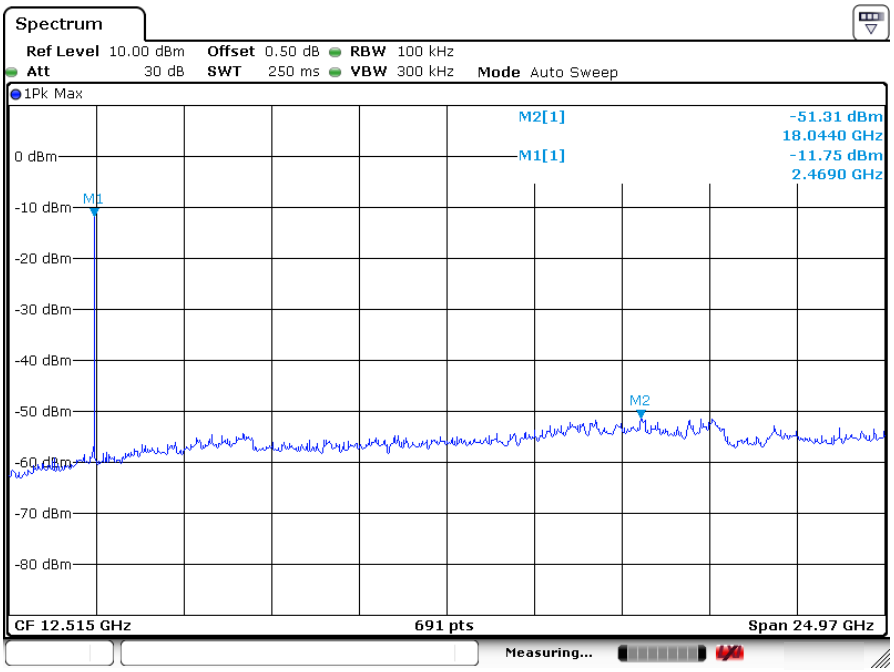

Date: 26.Jun.2015 10:55:30

## TX 802.11g Channel Middle 2437MHz



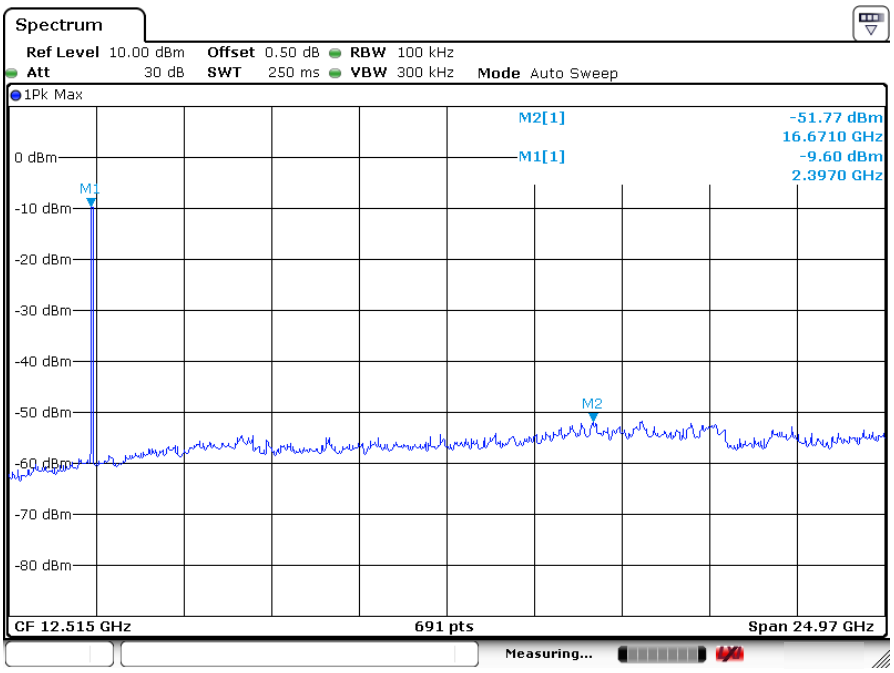

Date: 26.Jun.2015 10:53:11

## TX 802.11g Channel High 2462MHz



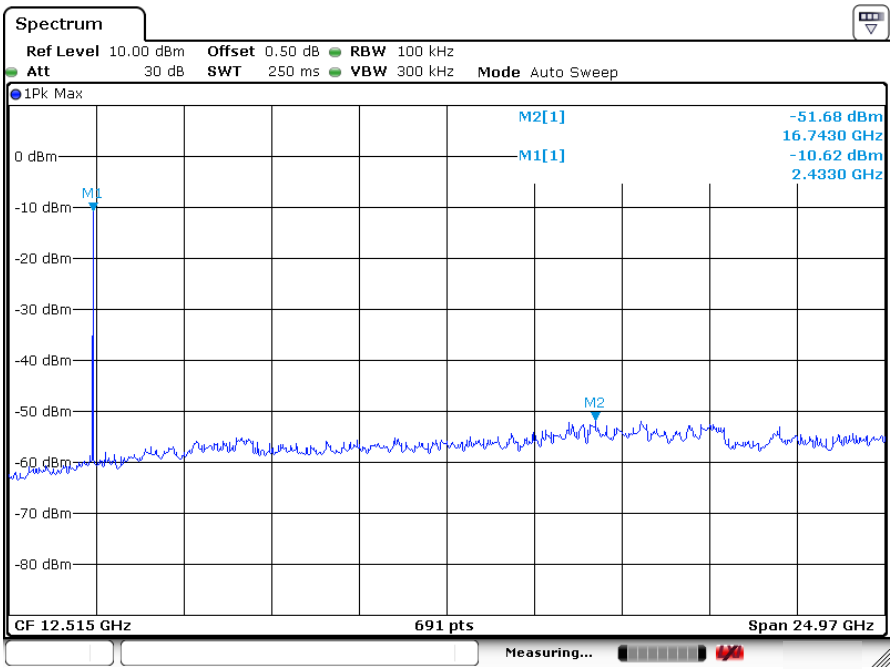

Date: 26.Jun.2015 10:52:12

## TX 802.11n Channel Low 2412MHz (20MHz)



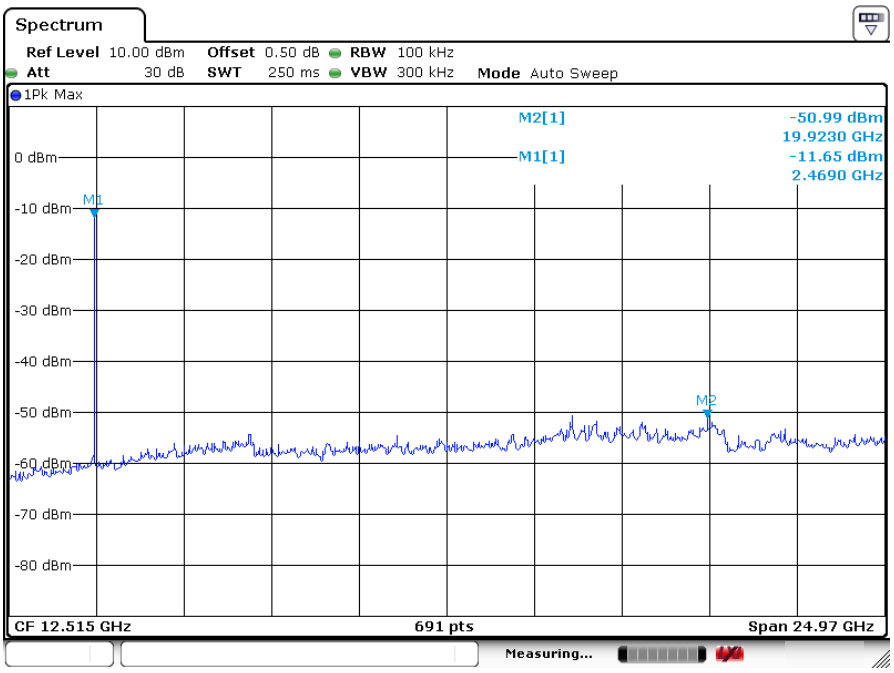

Date: 26.Jun.2015 10:56:43

## TX 802.11n Channel Middle 2437MHz (20MHz)



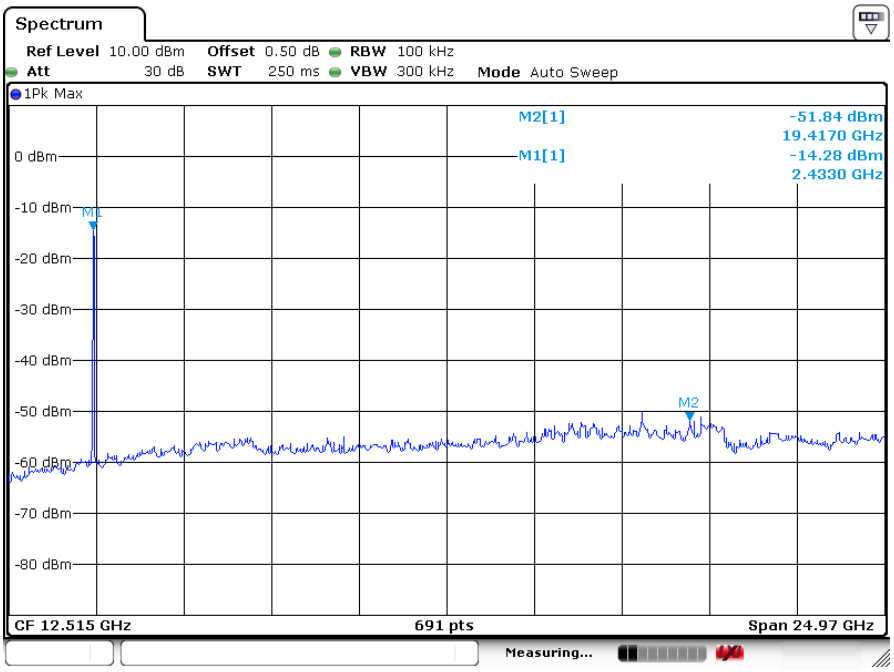

Date: 26.Jun.2015 10:57:29

## TX 802.11n Channel High 2462MHz (20MHz)



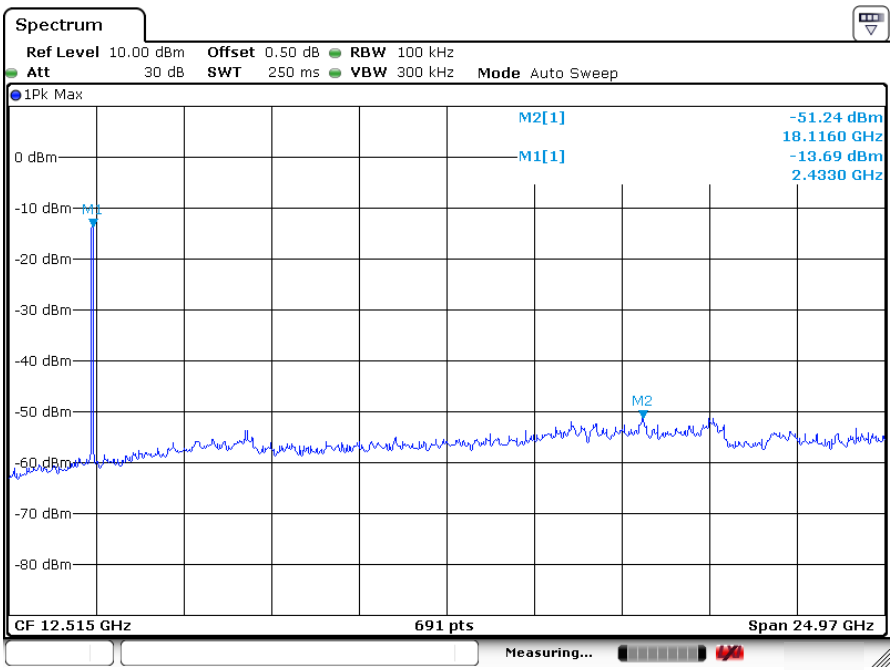

Date: 26.Jun.2015 10:59:15

## TX 802.11n Channel Low 2422MHz (40MHz)



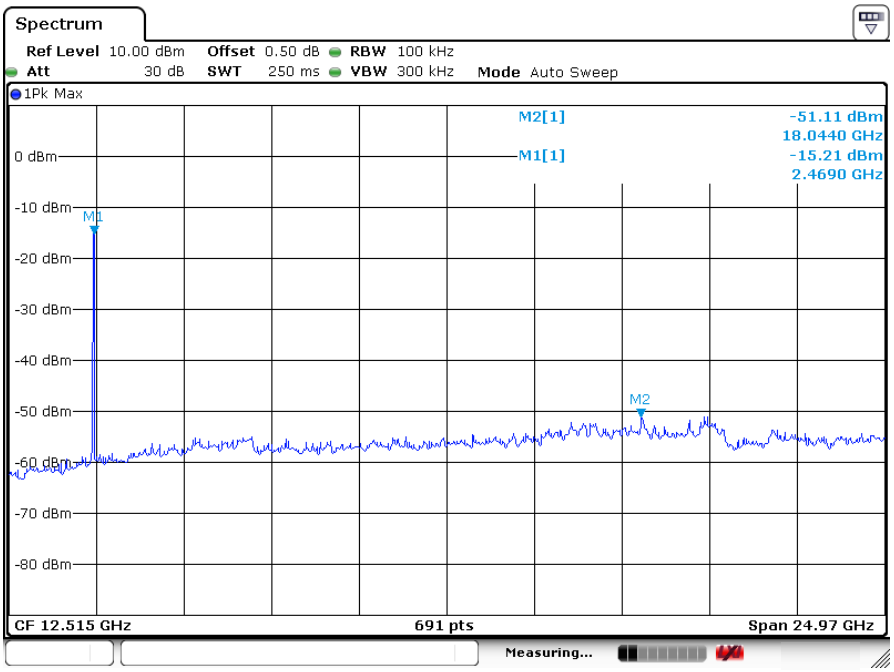

Date: 26.Jun.2015 11:02:38

## TX 802.11n Channel Middle 2437MHz (40MHz)




Date: 26.Jun.2015 11:00:27

## TX 802.11n Channel High 2452MHz (40MHz)




Date: 26.Jun.2015 11:03:35

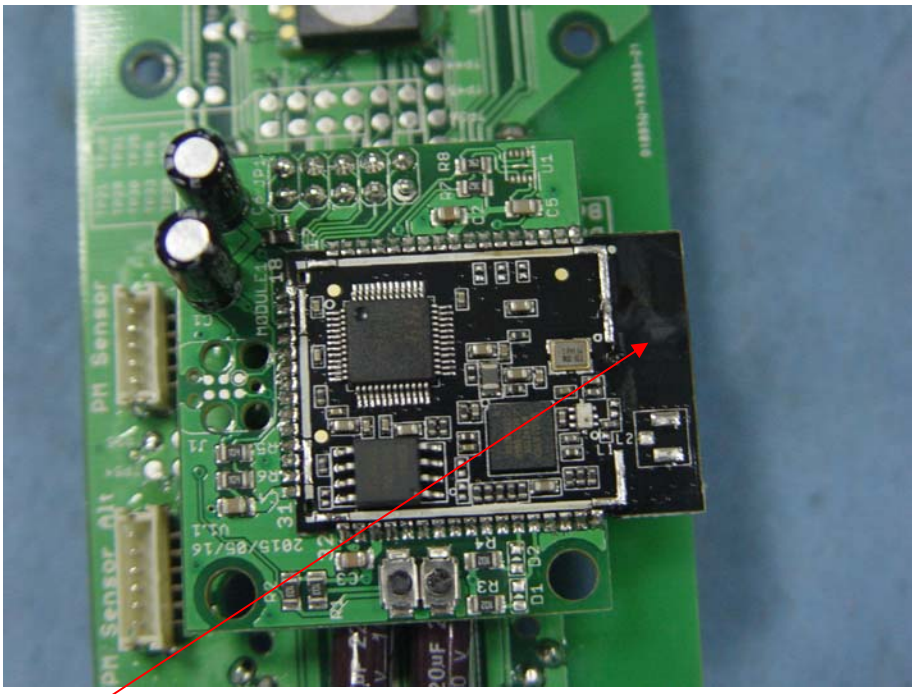
# 12. ANTENNA REQUIREMENT

## 12.1. 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.

## 12.2. Antenna Construction

Device is equipped with permanent attached antenna, which isn't displaced by other antenna. The Antenna gain of EUT is 2.0dBi. Therefore, the equipment complies with the antenna requirement of Section 15.203.



Antenna