# Table of Figures

**Figure 1 Test plot of 100 kHz conducted spurious emissions, BDR, low channel, 30MHz-1GHz**

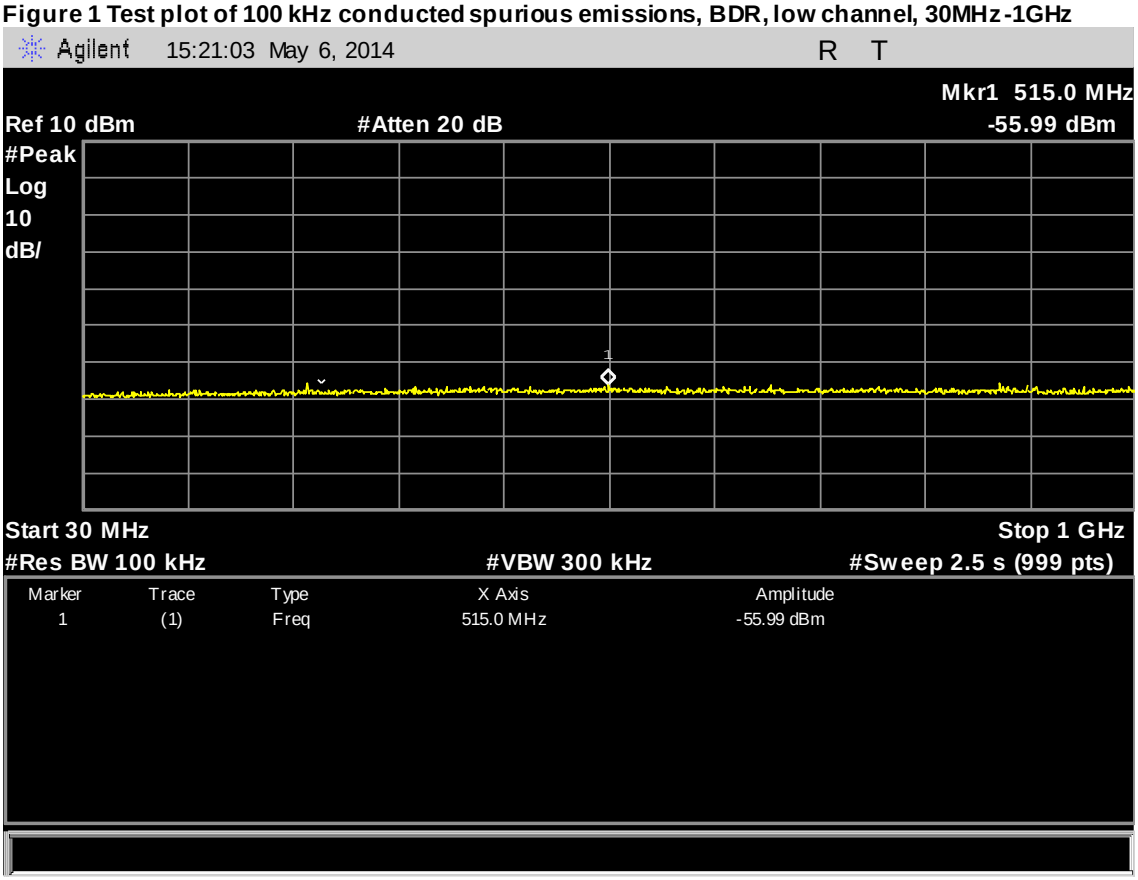



**Figure 2 Test plot of 100 kHz conducted spurious emissions, BDR, low Channel, 1GHz-18GHz**

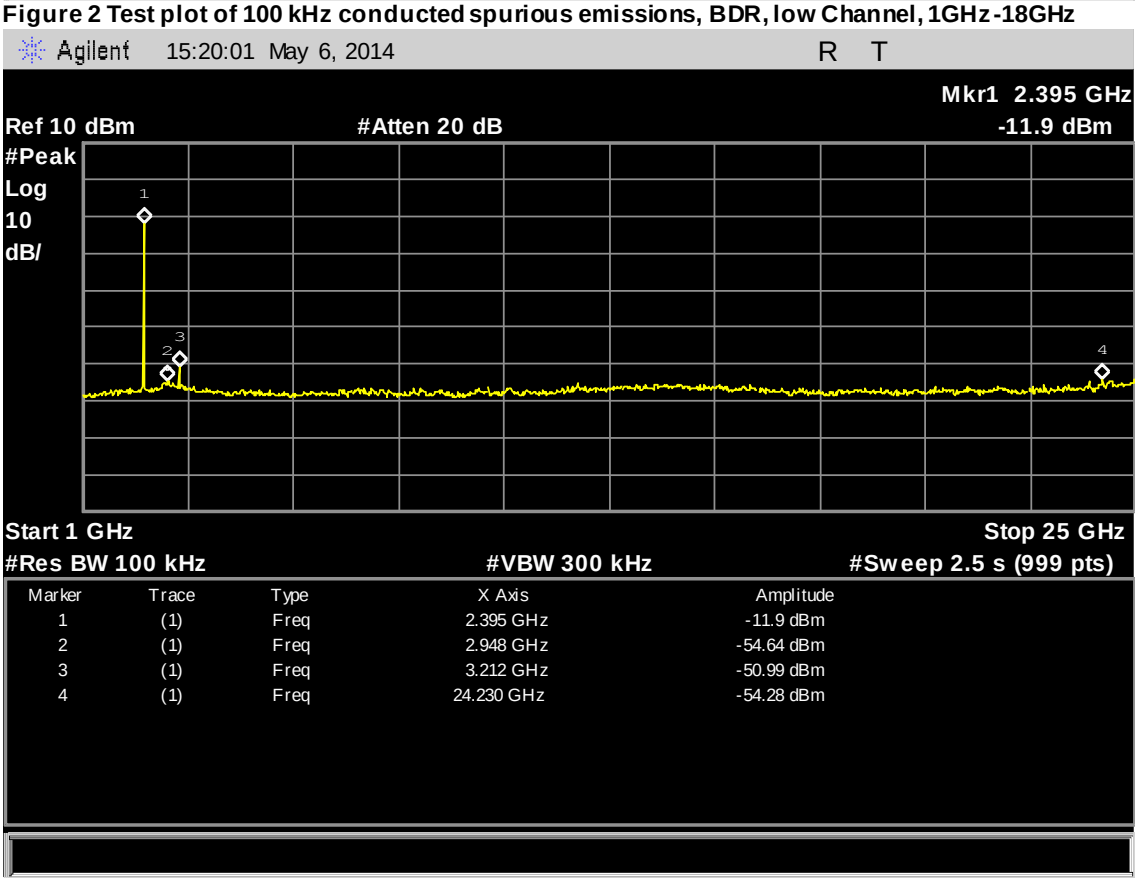


**Figure 3 Test plot of 100 kHz conducted spurious emissions, BDR, middle channel, 30MHz-1GHz**

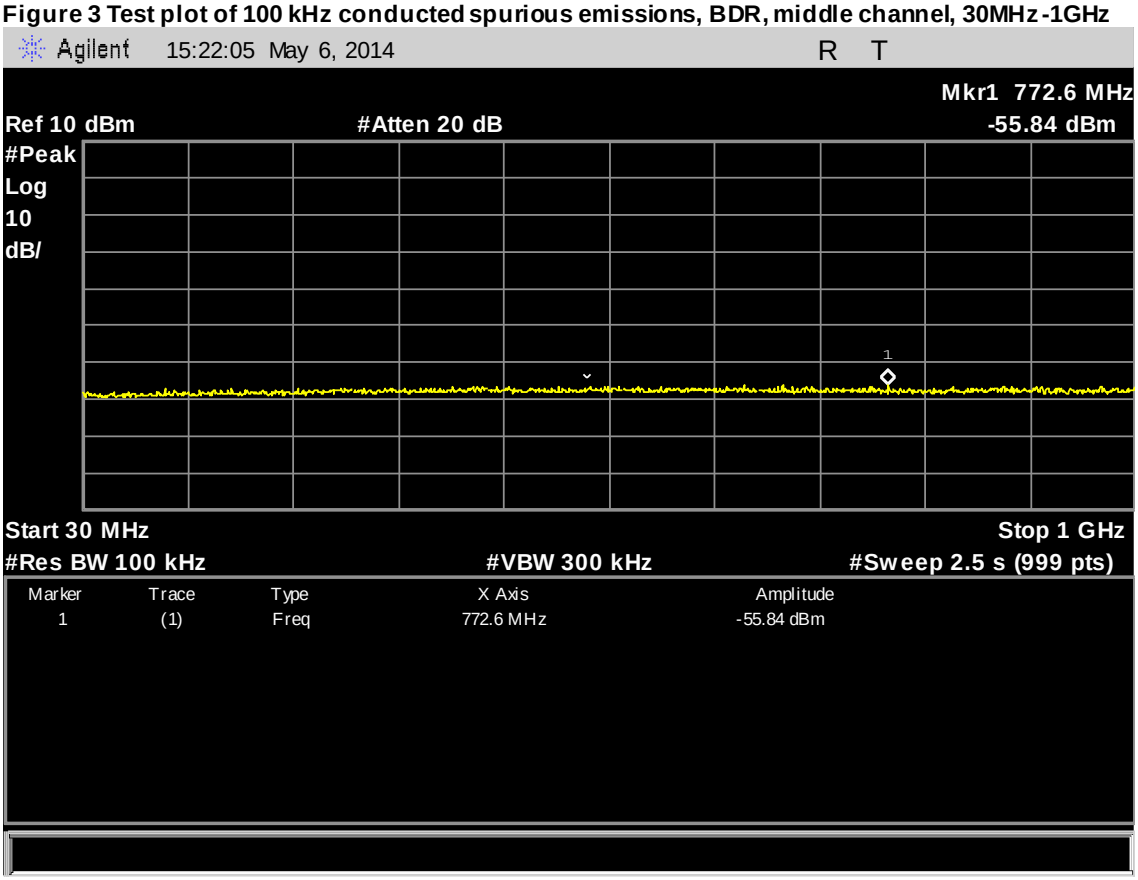



**Figure 4 Test plot of 100 kHz conducted spurious emissions, BDR, middle Channel, 1GHz-18GHz**

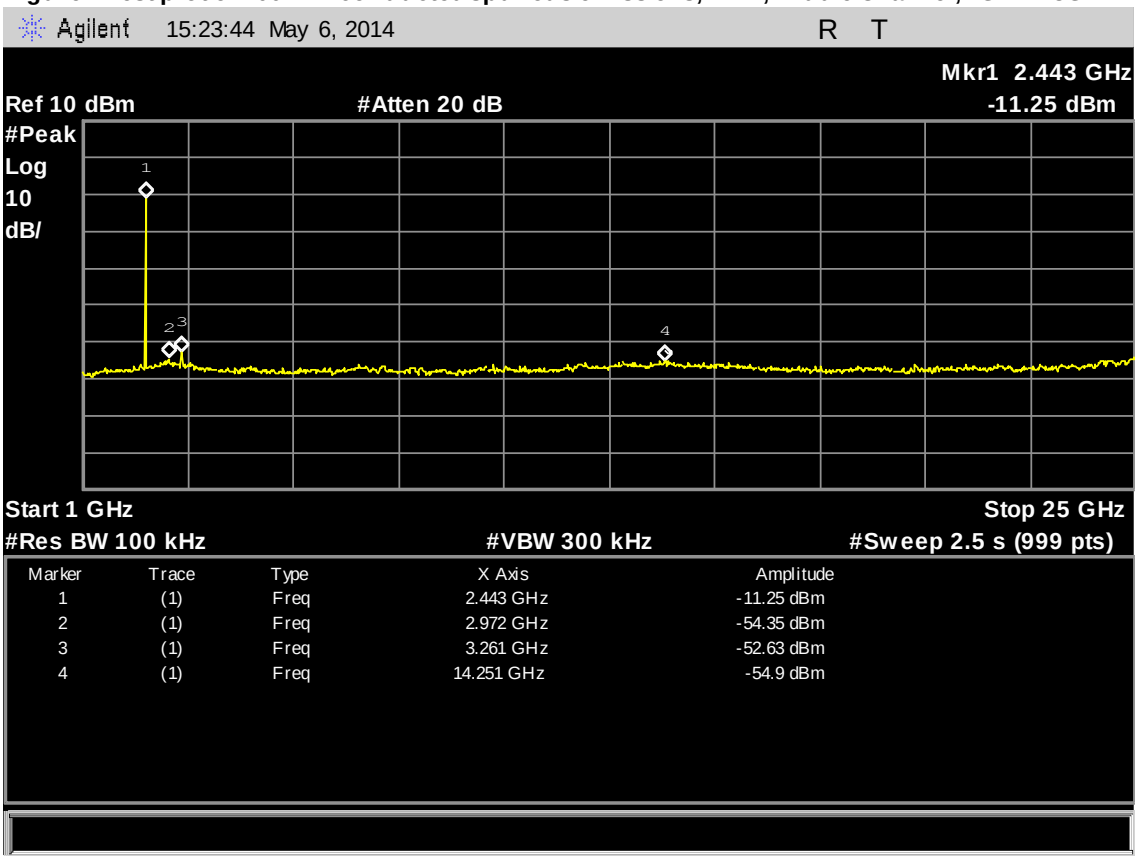


**Figure 5 Test plot of 100 kHz conducted spurious emissions, BDR, high channel, 30MHz-1GHz**

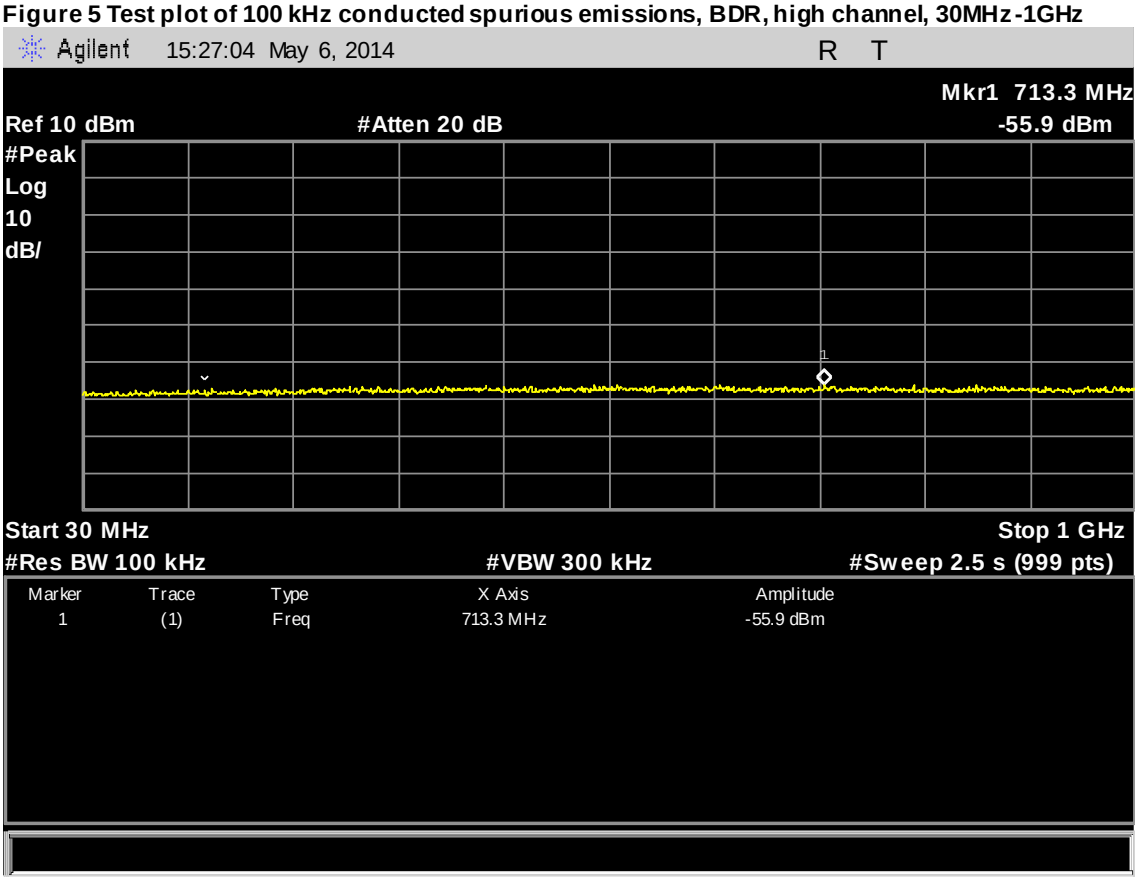



**Figure 6 Test plot of 100 kHz conducted spurious emissions, BDR, high Channel, 1GHz-18GHz**

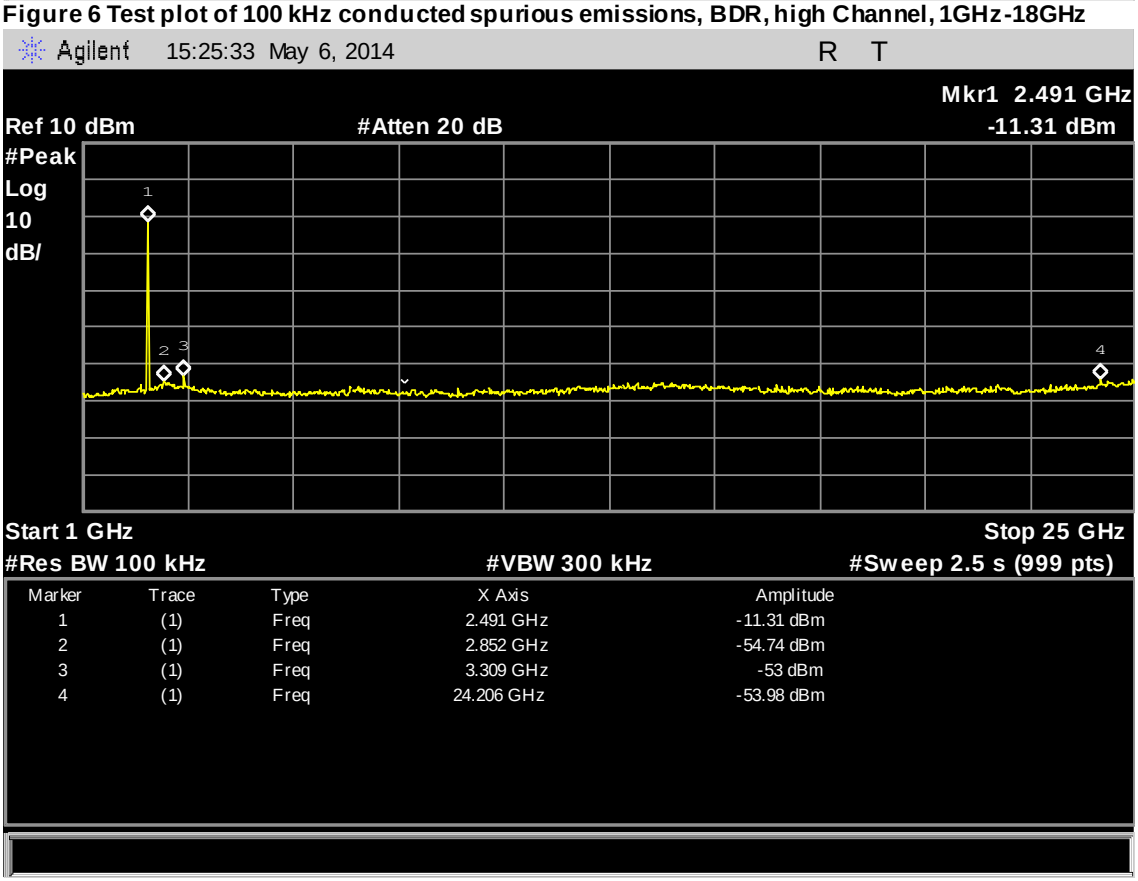
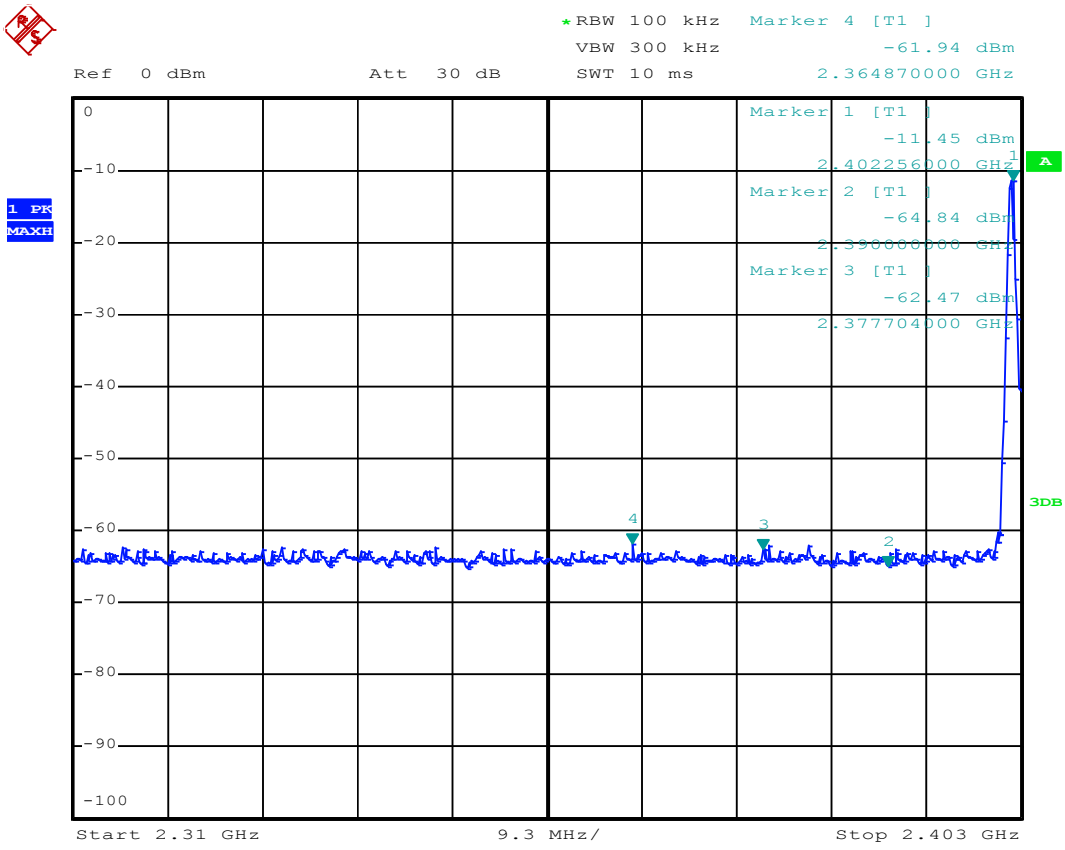
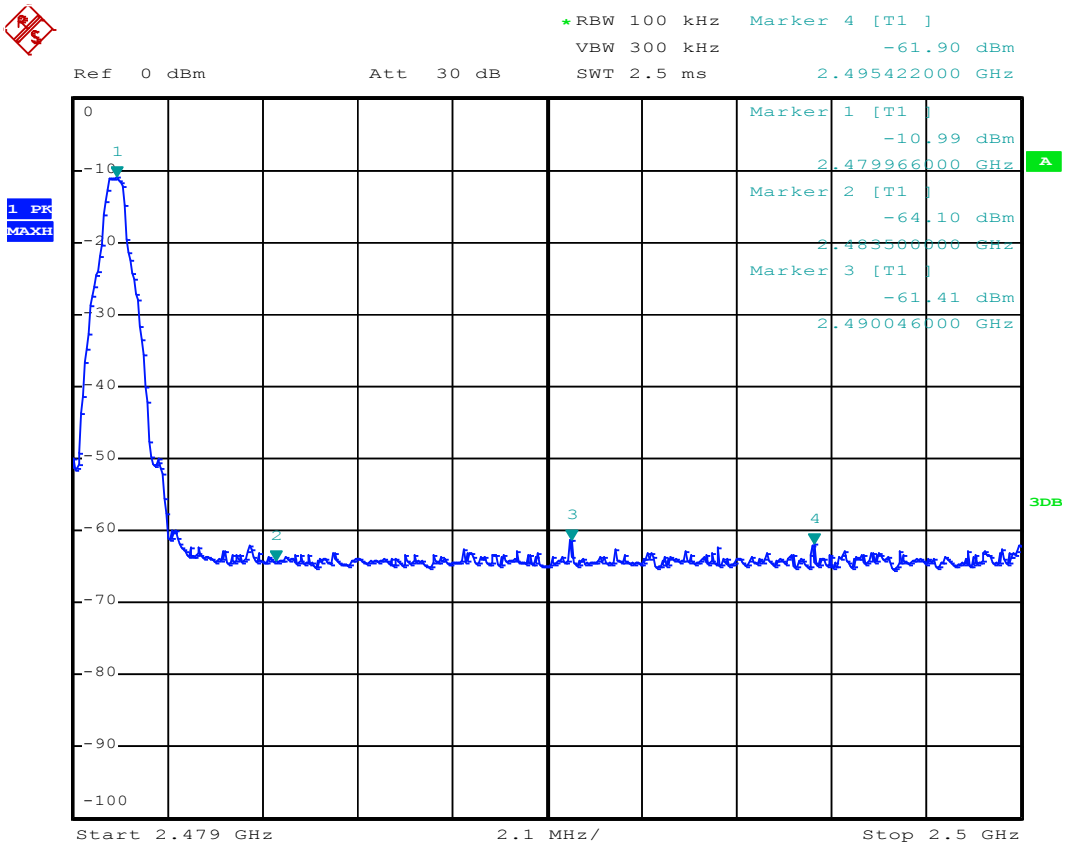


**Figure 7 Test plot of 100 kHz conducted spurious emissions, BDR, low Channel, Band edge**




Date: 26.APR.2014 10:59:41

**Figure 8 Test plot of 100 kHz conducted spurious emissions, BDR, high Channel, Band edge**




Date: 26.APR.2014 11:01:51

**Figure 9 Test plot of 100 kHz conducted spurious emissions, EDR, low channel, 30MHz-1GHz**

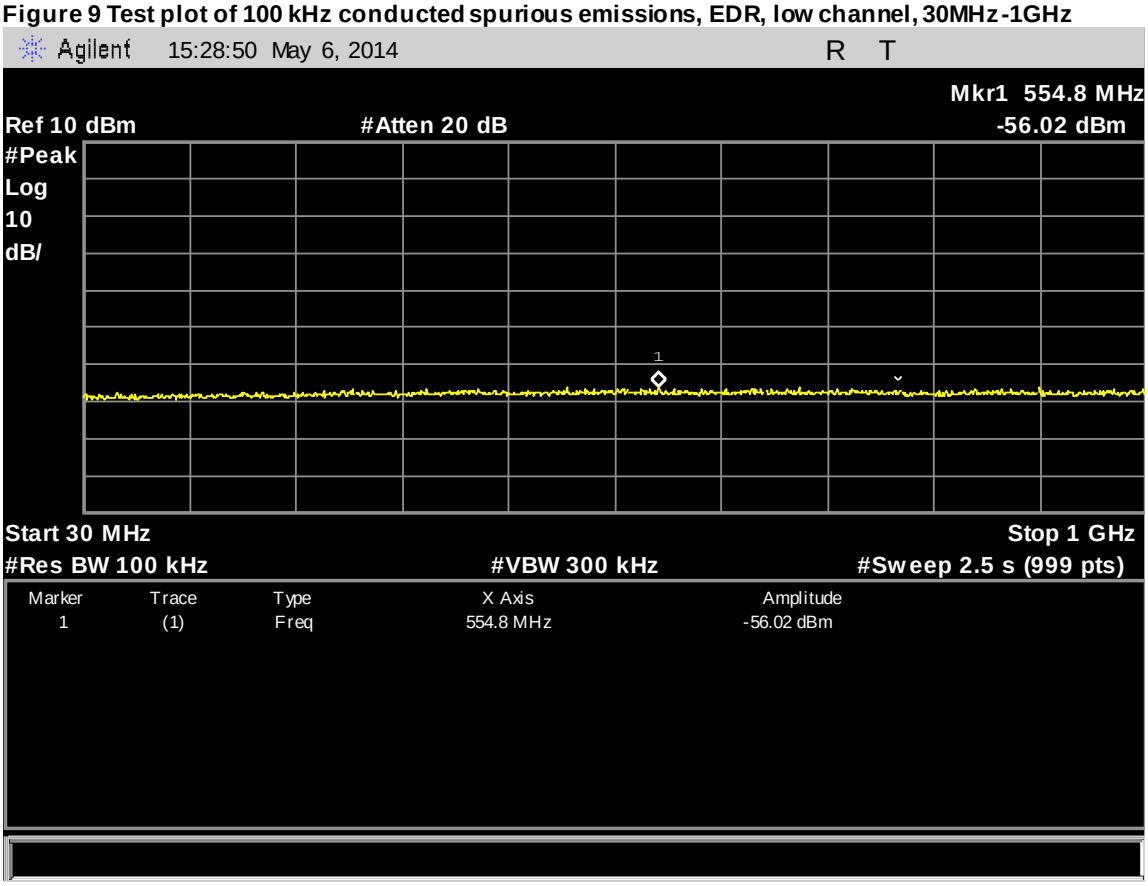



**Figure 10 Test plot of 100 kHz conducted spurious emissions, EDR, low Channel, 1GHz-18GHz**

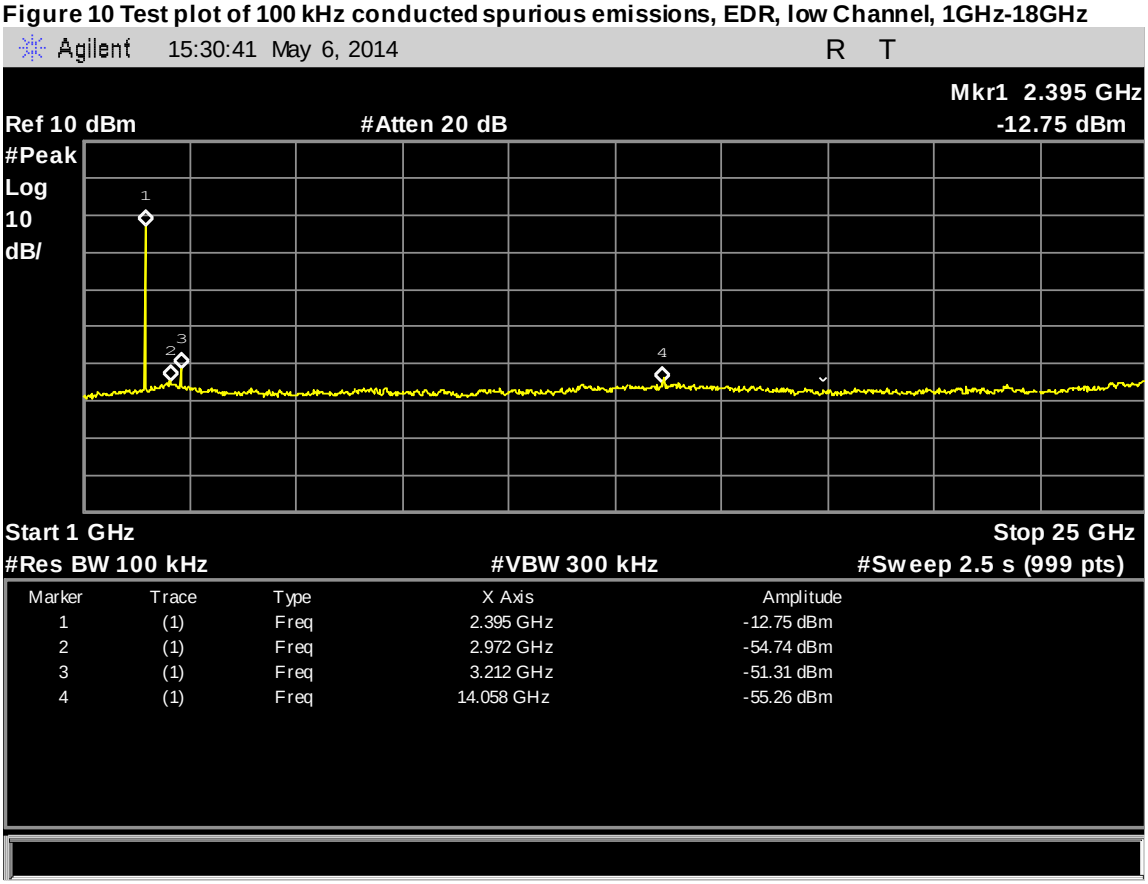


**Figure 11 Test plot of 100 kHz conducted spurious emissions, EDR, middle channel, 30MHz-1GHz**

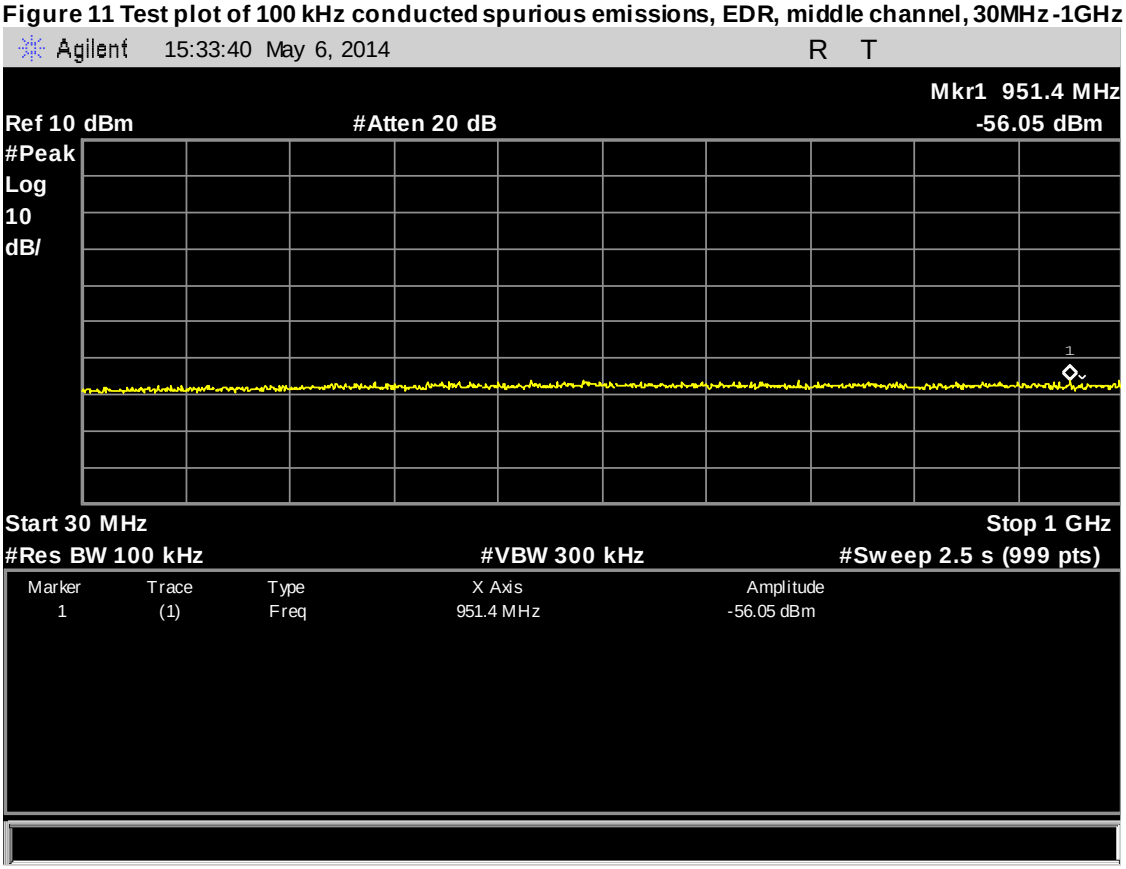



**Figure 12 Test plot of 100 kHz conducted spurious emissions, EDR, middle Channel, 1GHz-18GHz**

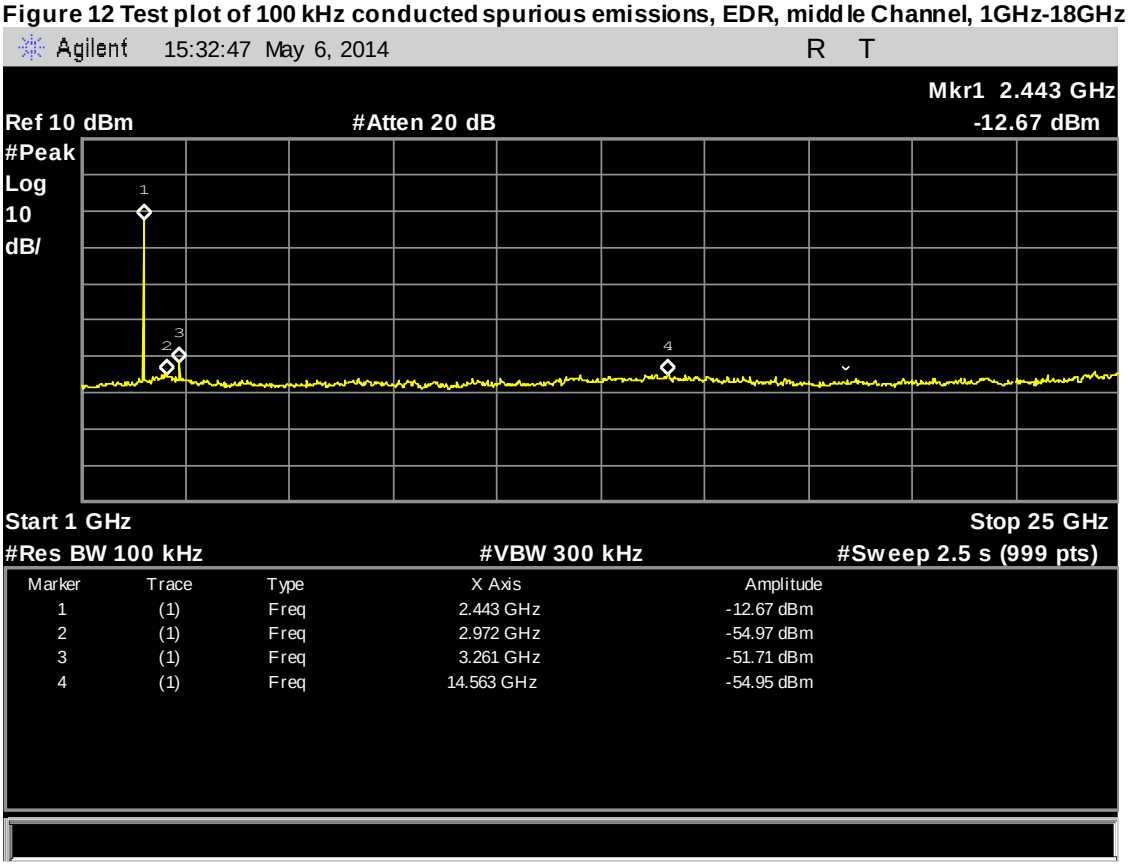


**Figure 13 Test plot of 100 kHz conducted spurious emissions, EDR, high channel, 30MHz-1GHz**

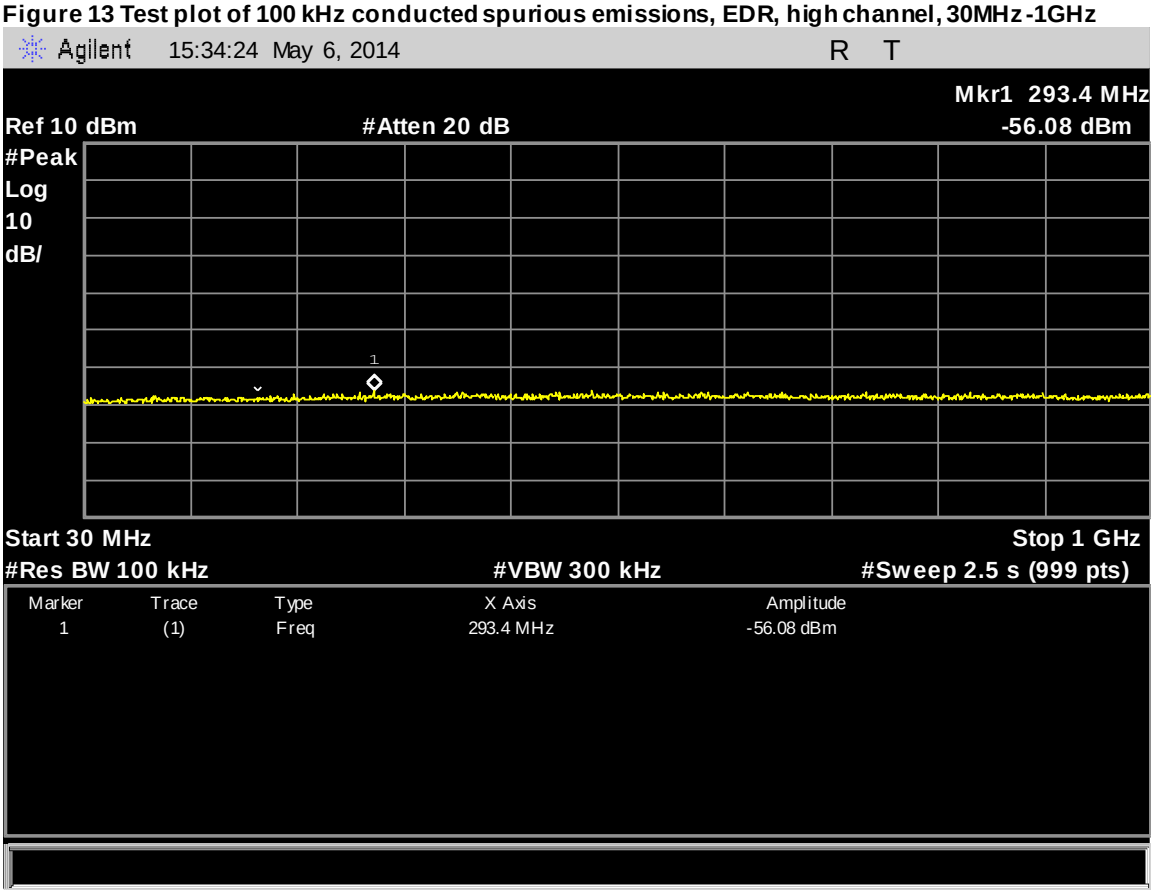



**Figure 14 Test plot of 100 kHz conducted spurious emissions, EDR, high Channel, 1GHz-18GHz**

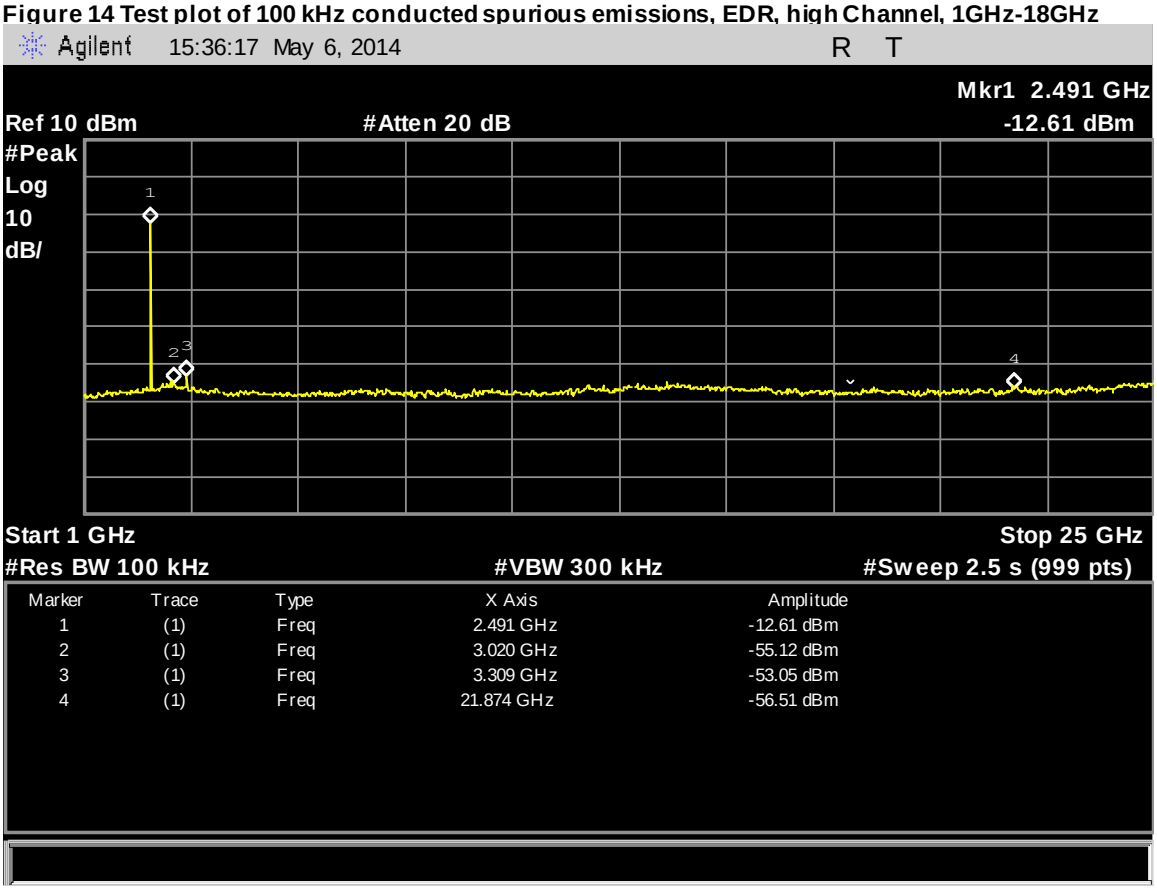
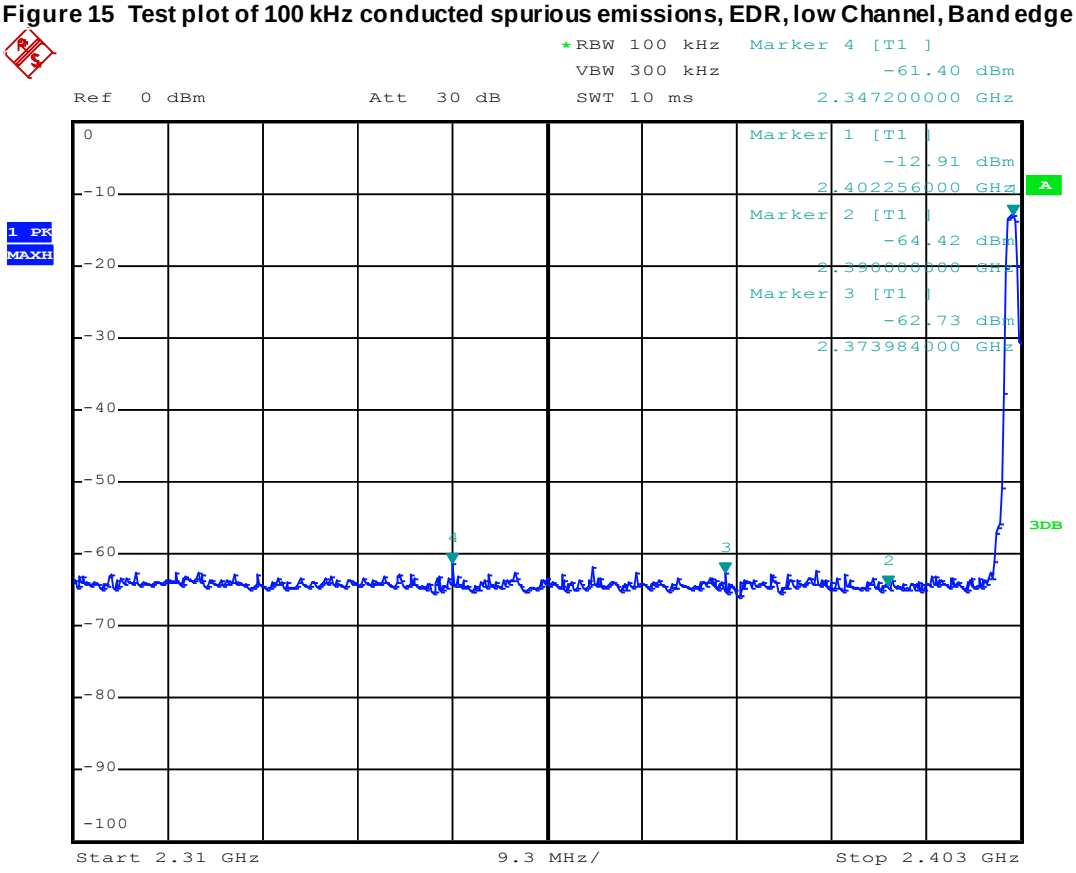
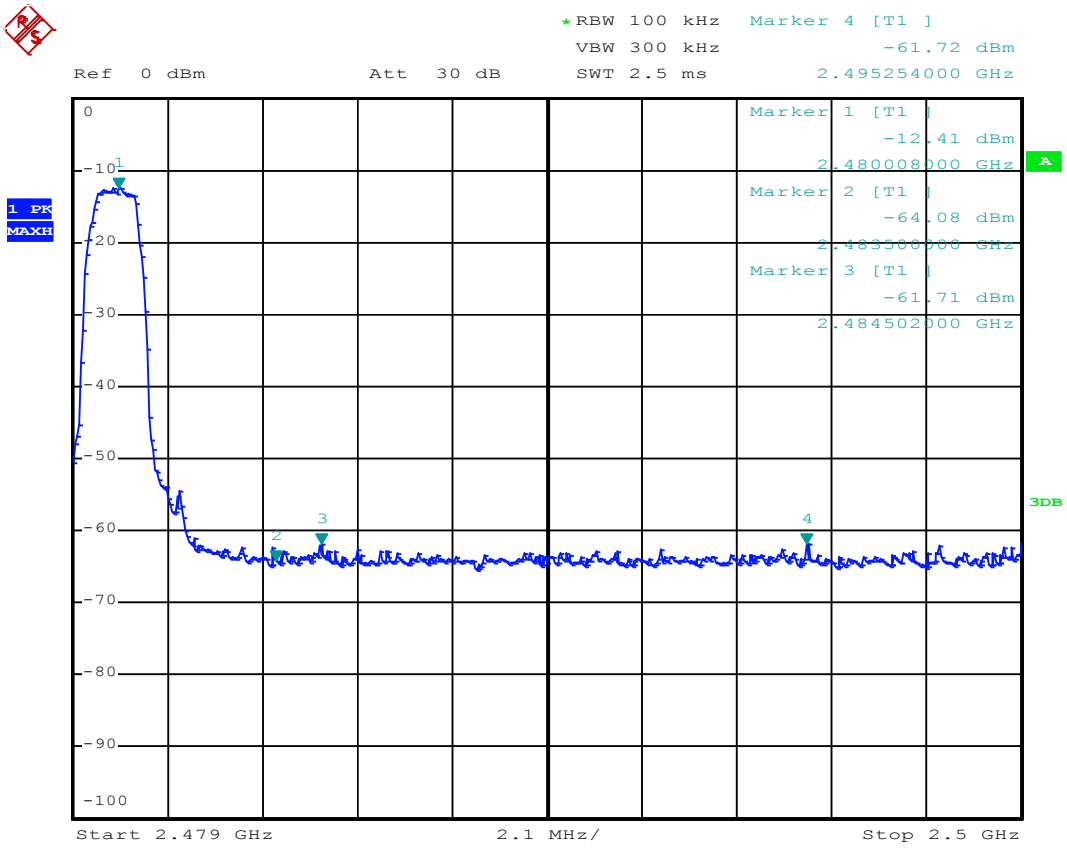


**Figure 15 Test plot of 100 kHz conducted spurious emissions, EDR, low Channel, Band edge**




Date: 26.APR.2014 11:05:03

**Figure 16 Test plot of 100 kHz conducted spurious emissions, EDR, high Channel, Band edge**




Date: 26.APR.2014 11:03:43

**Figure 17 Test plot of 100 kHz conducted spurious emissions, LE, low channel, 30MHz-1GHz**

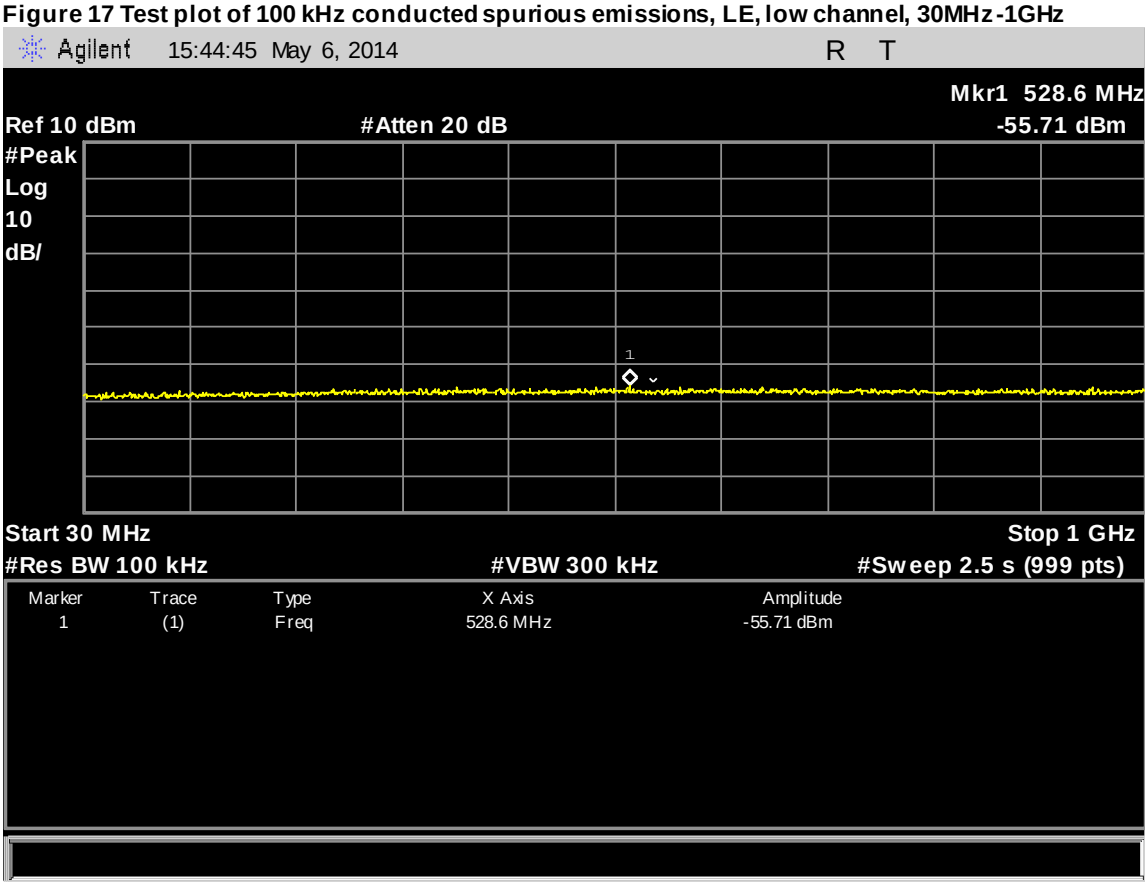



**Figure 18 Test plot of 100 kHz conducted spurious emissions, LE, low Channel, 1GHz-18GHz**

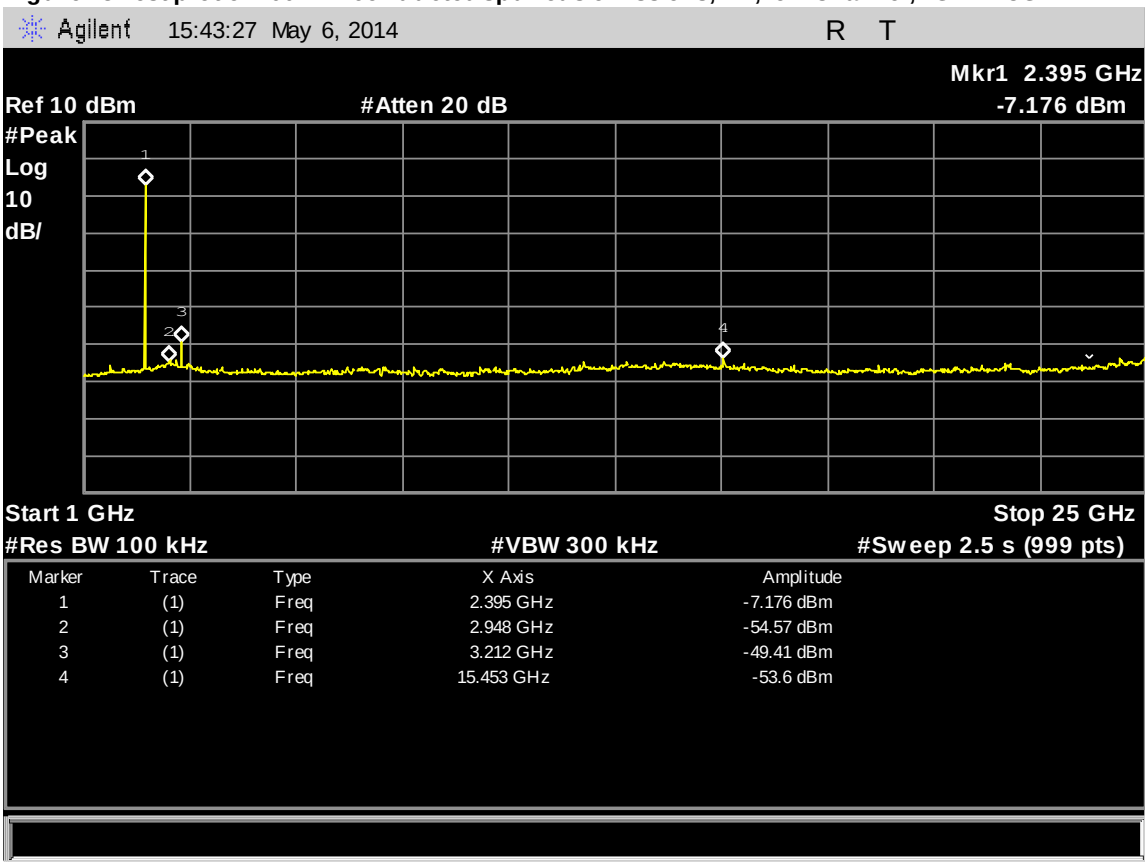


**Figure 19 Test plot of 100 kHz conducted spurious emissions, LE, middle channel, 30MHz-1GHz**

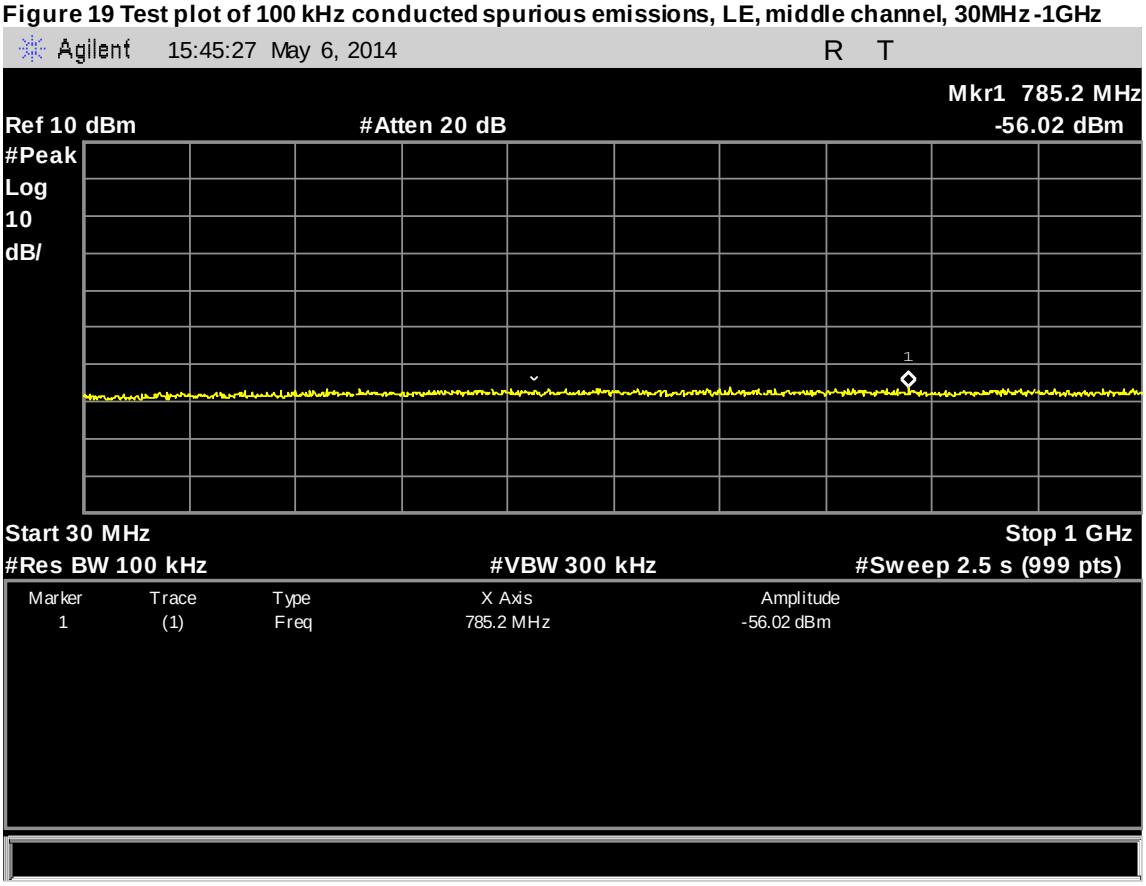



**Figure 20 Test plot of 100 kHz conducted spurious emissions, LE, middle Channel, 1GHz-18GHz**

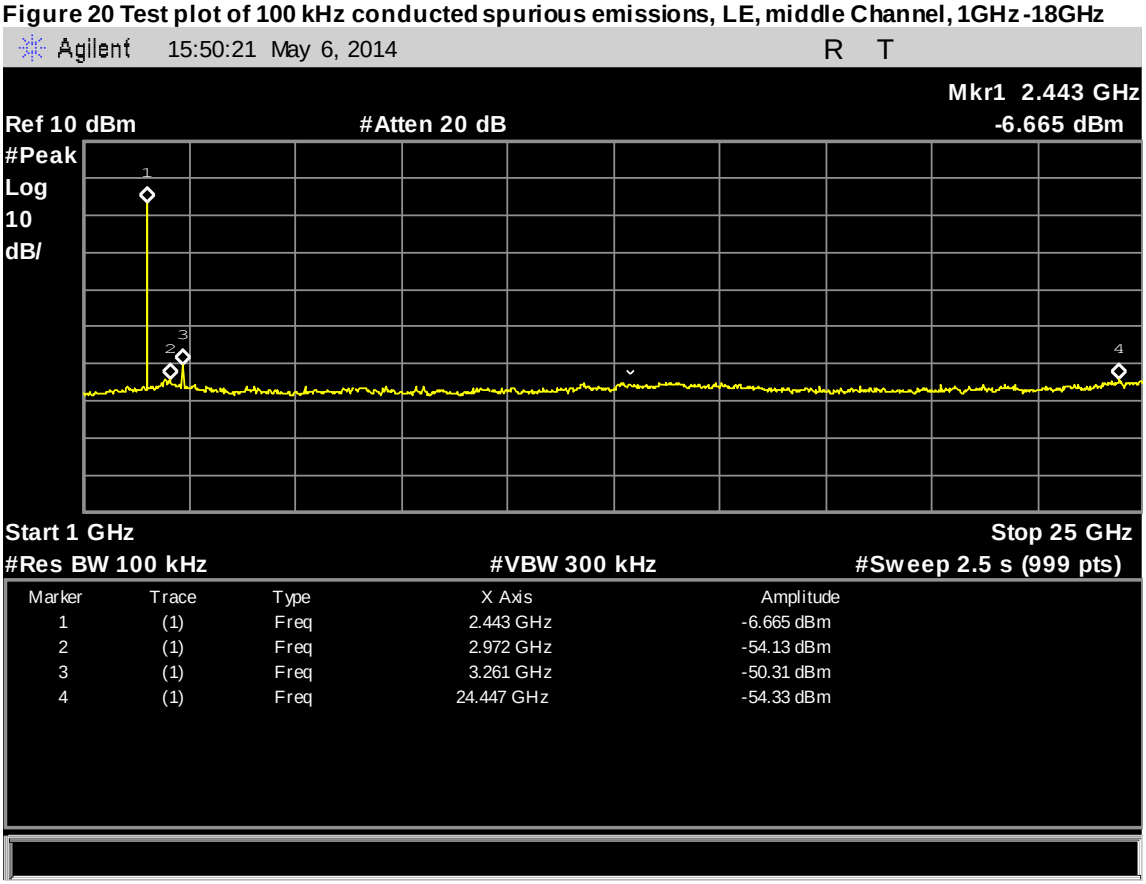


**Figure 21 Test plot of 100 kHz conducted spurious emissions, LE, high channel, 30MHz-1GHz**

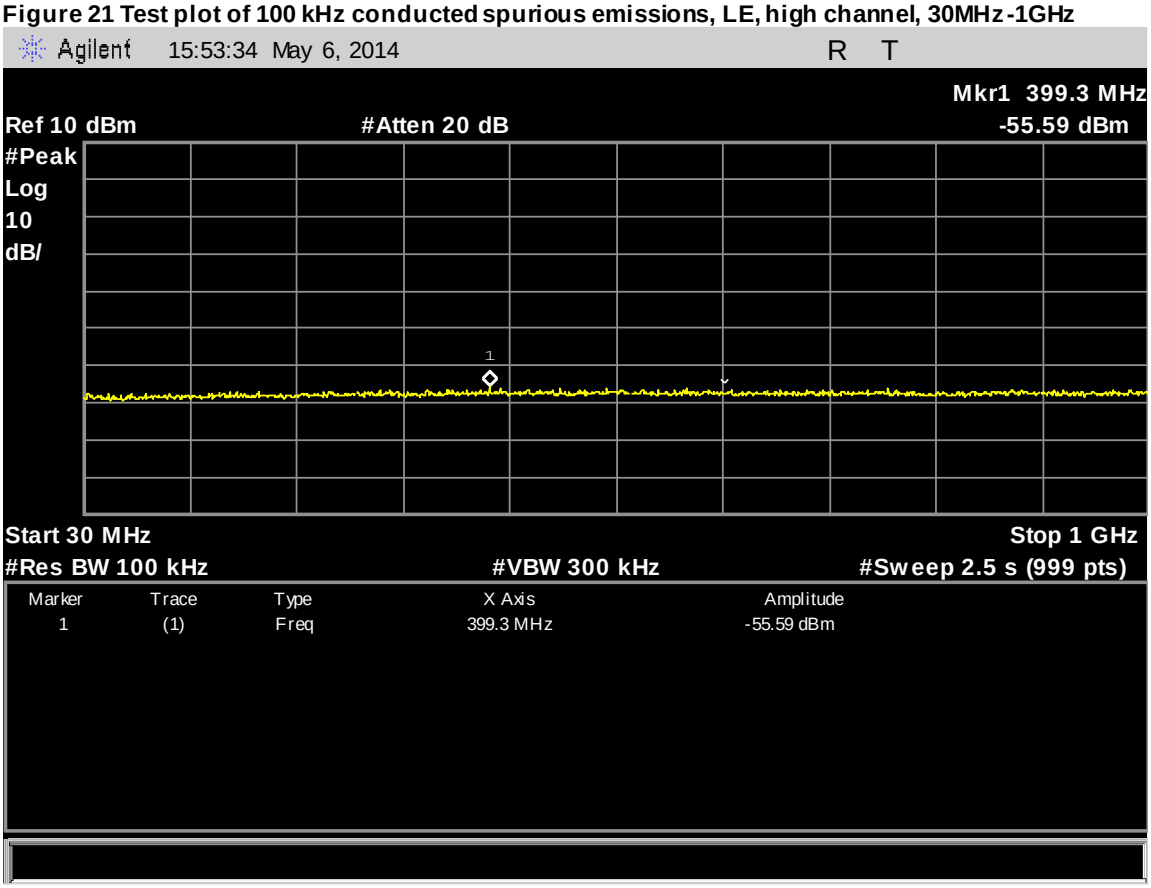



**Figure 22 Test plot of 100 kHz conducted spurious emissions, LE, high Channel, 1GHz-18GHz**

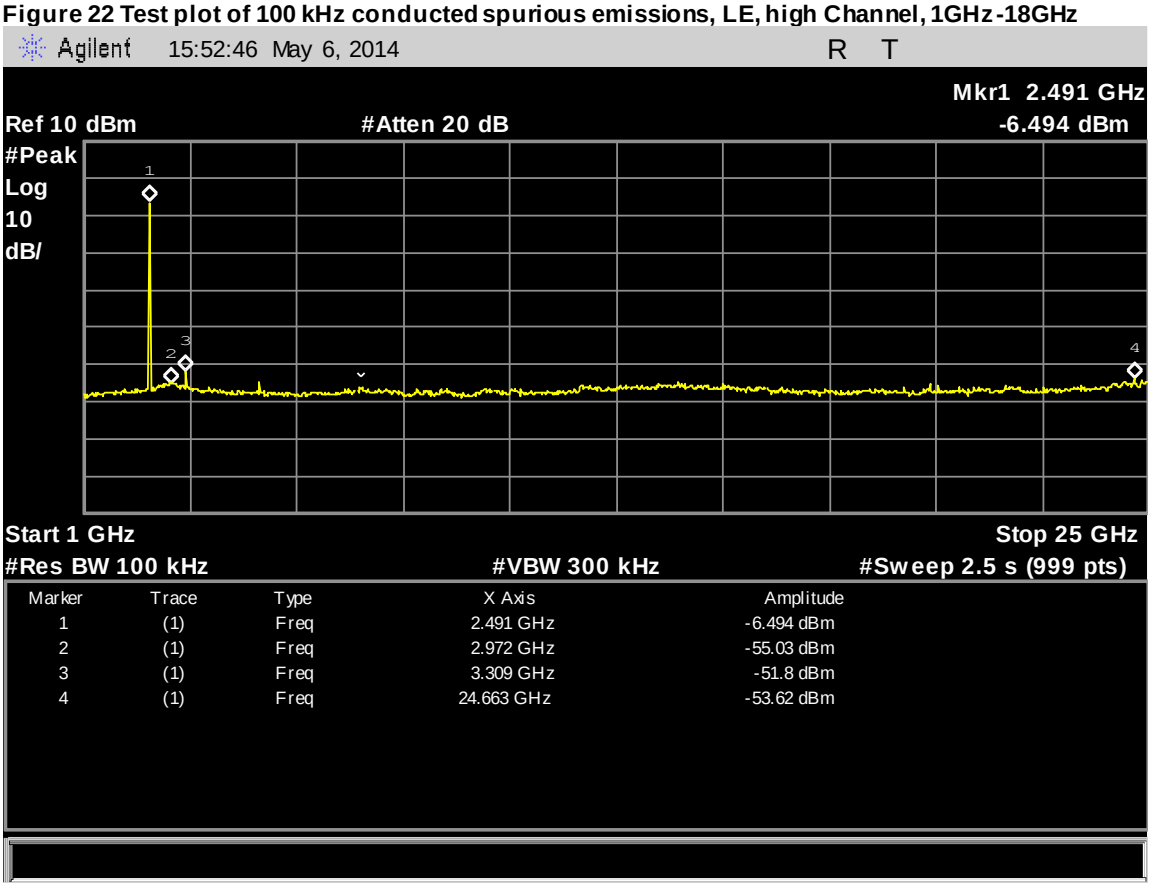
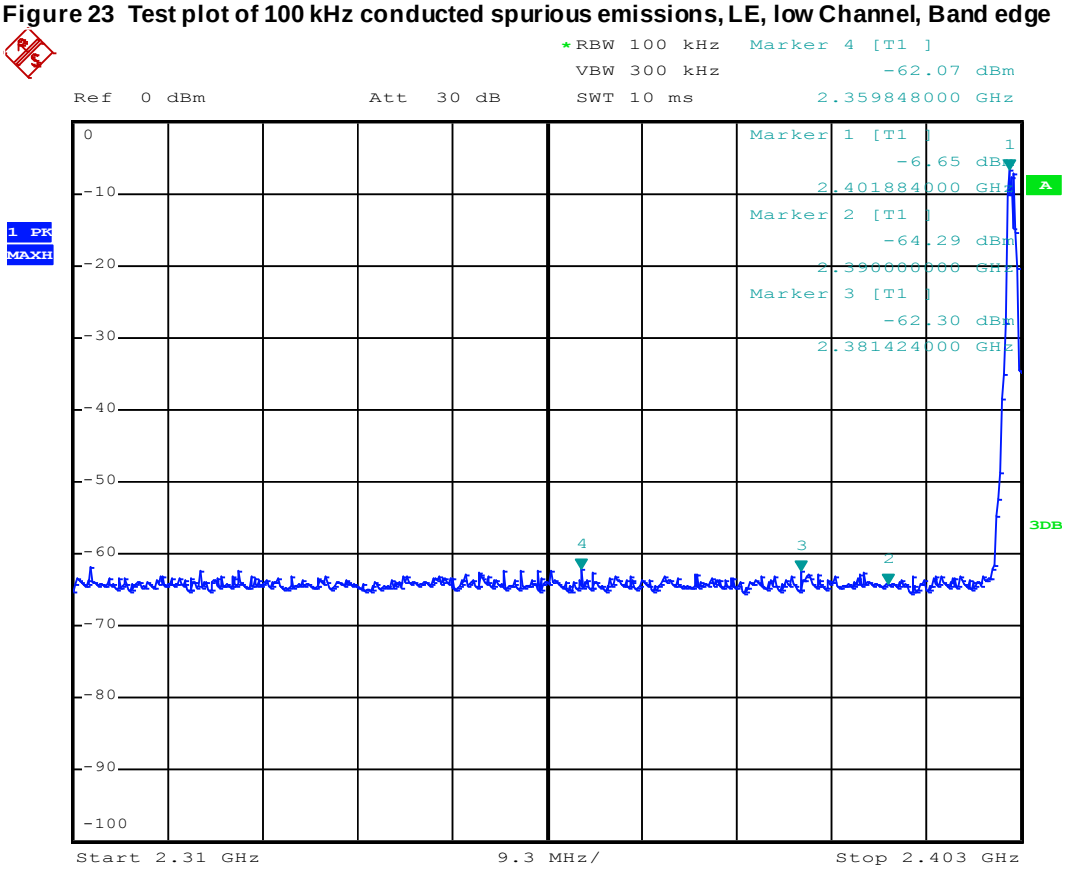
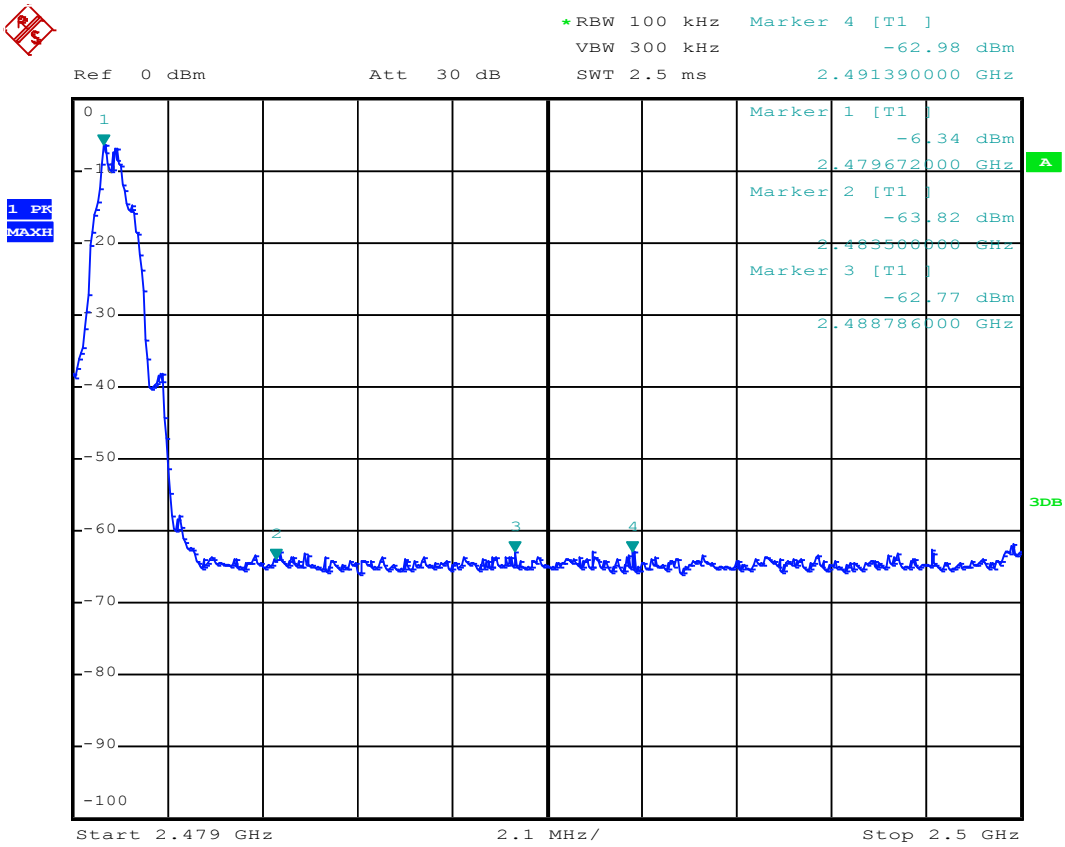


**Figure 23 Test plot of 100 kHz conducted spurious emissions, LE, low Channel, Band edge**



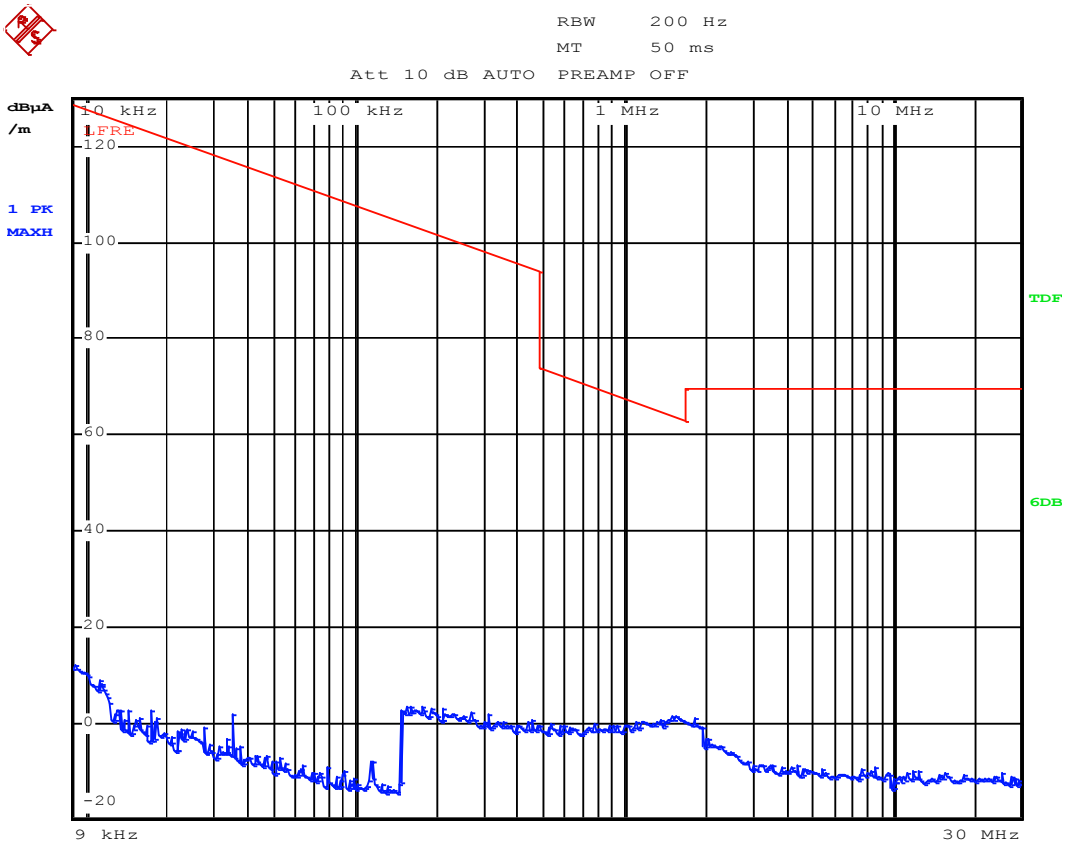

Date: 26.APR.2014 14:08:53

**Figure 24 Test plot of 100 kHz conducted spurious emissions, LE, High Channel, Band edge**



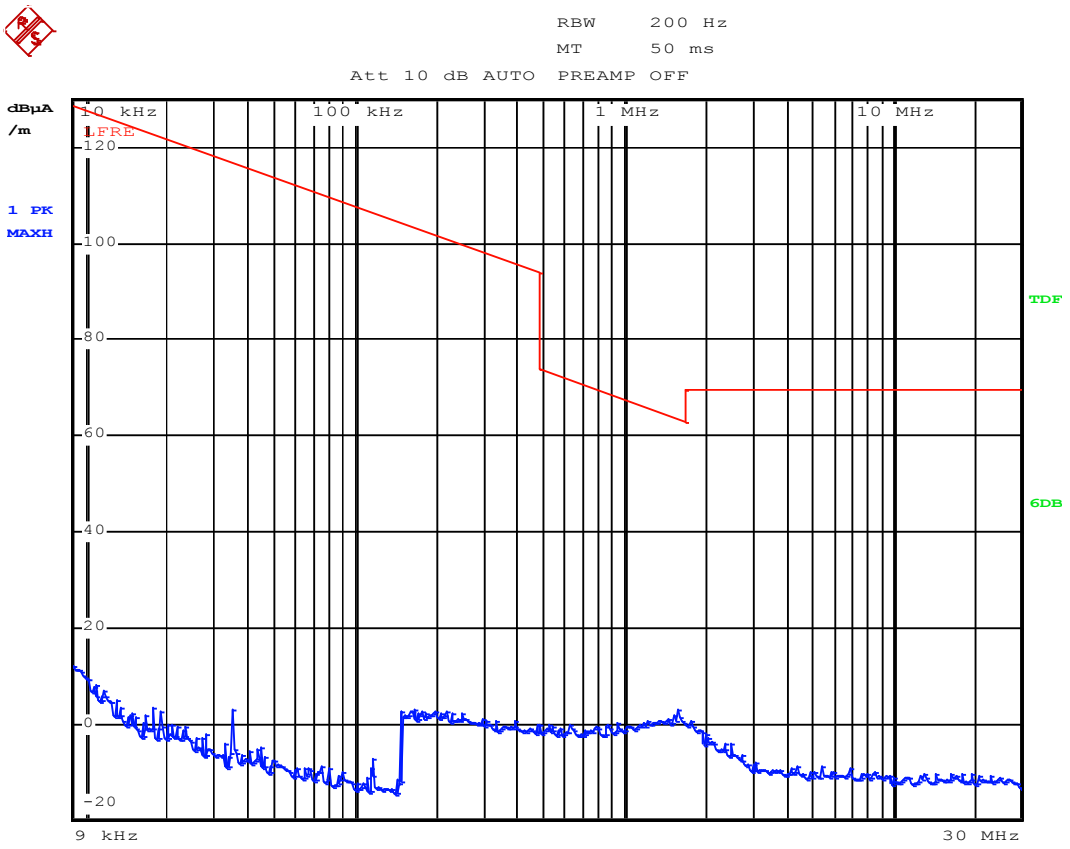

Date: 26.APR.2014 14:10:05

**Figure 25 Test plot of Transmitter spurious emissions, BDR, low Channel, 9 KHz-30MHz, X direction**



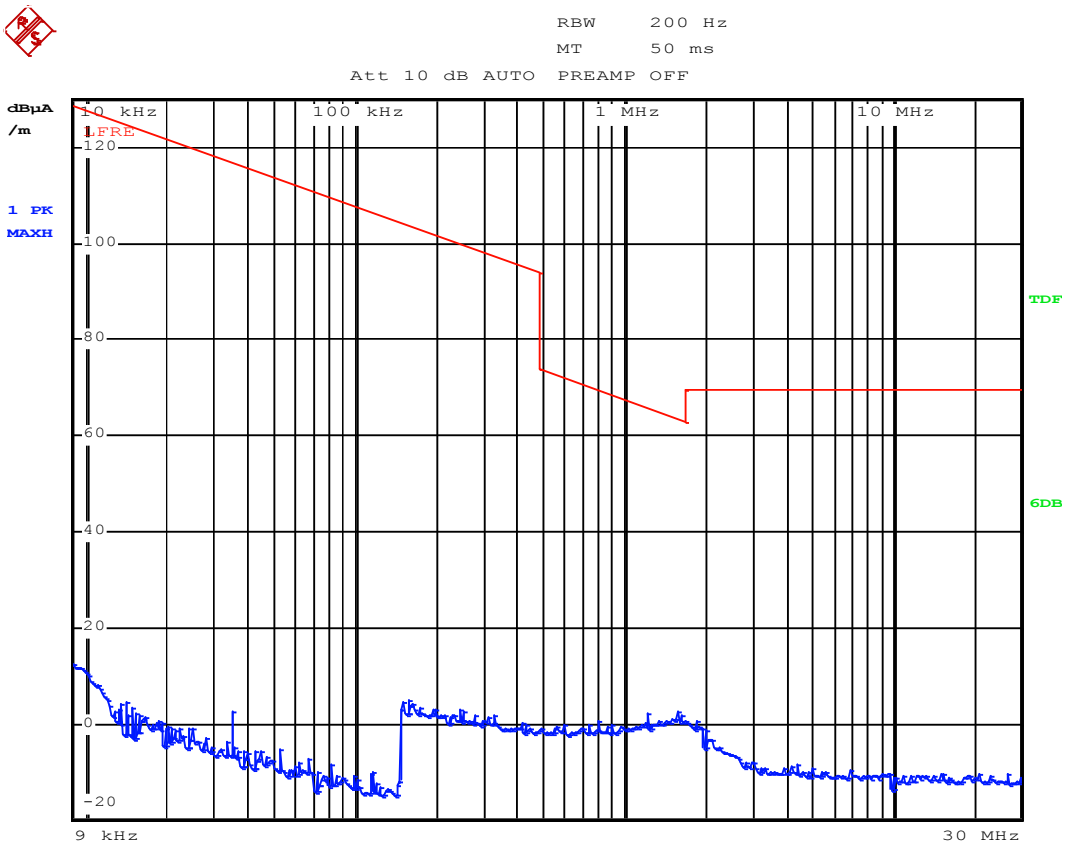

Date: 5.MAY.2014 08:55:46

**Figure 26 Test plot of Transmitter spurious emissions, BDR, low Channel, 9KHz-30MHz, Y direction**



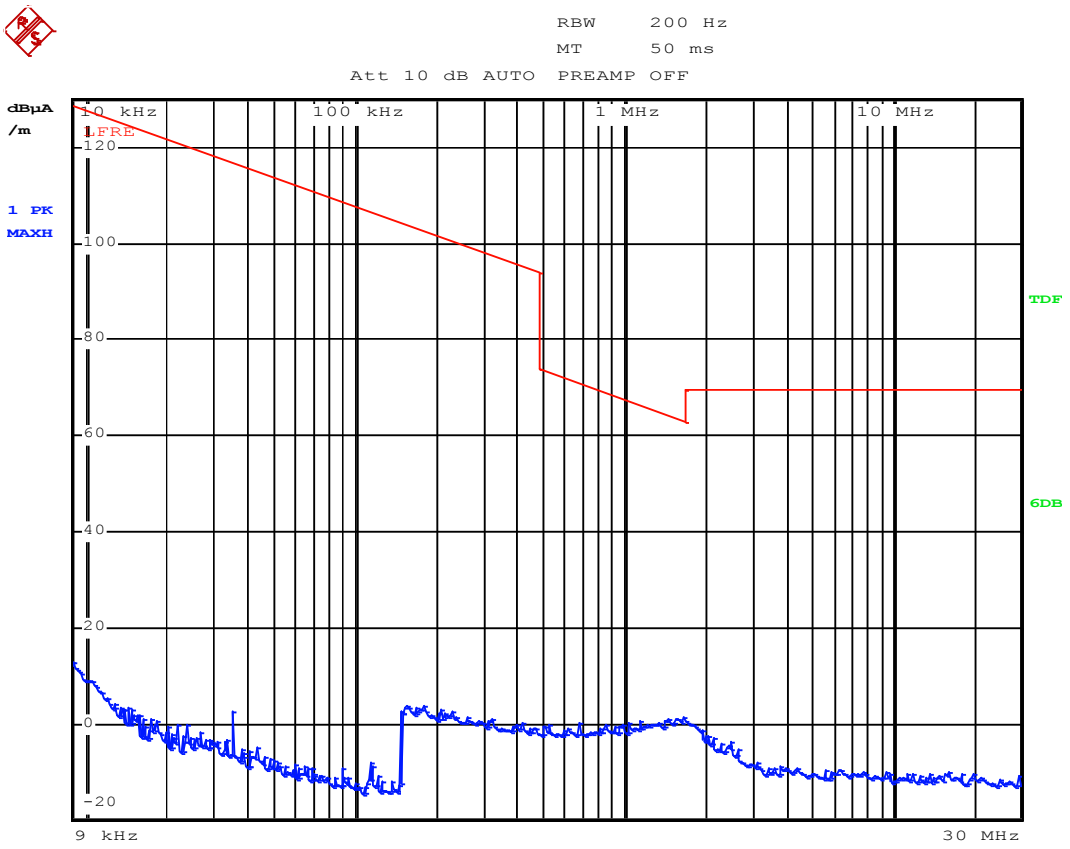

Date: 5.MAY.2014 08:57:40

**Figure 27 Test plot of Transmitter spurious emissions, BDR, low Channel, 9KHz-30MHz, Z direction**



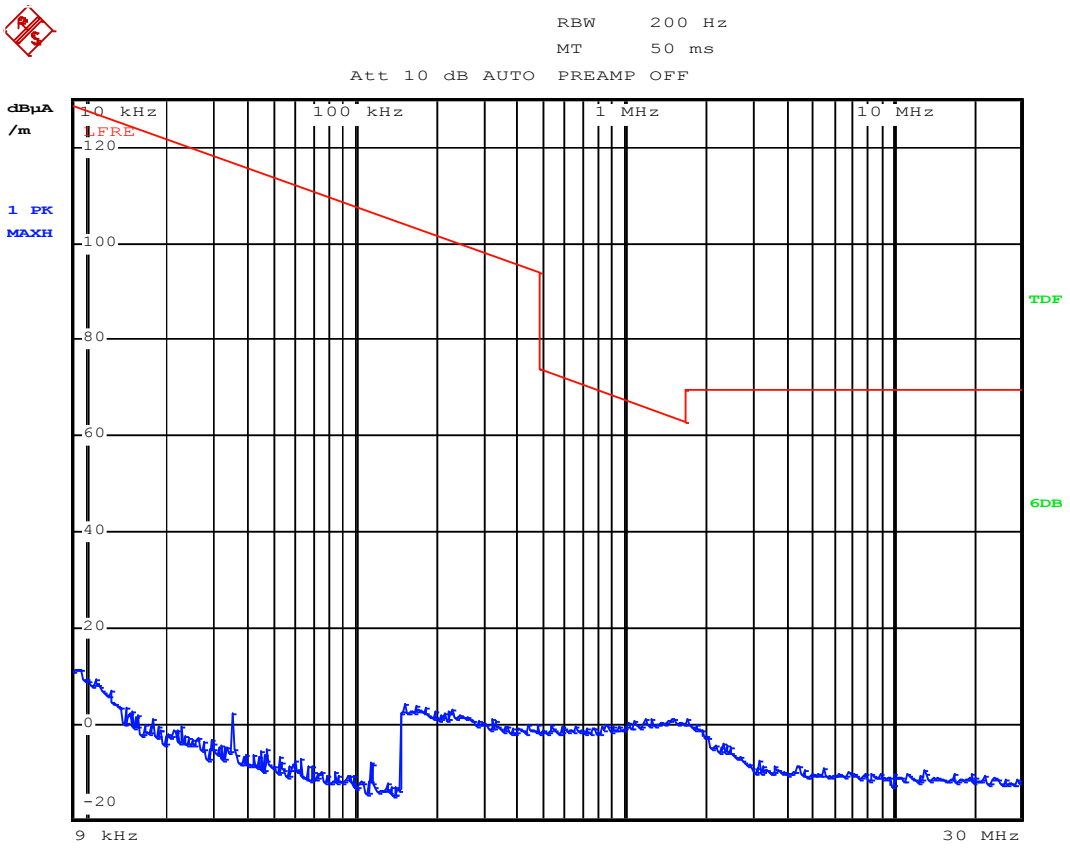

Date: 5.MAY.2014 08:59:35

**Figure 28 Test plot of Transmitter spurious emissions, BDR, middle Channel, 9 KHz-30MHz, X direction**



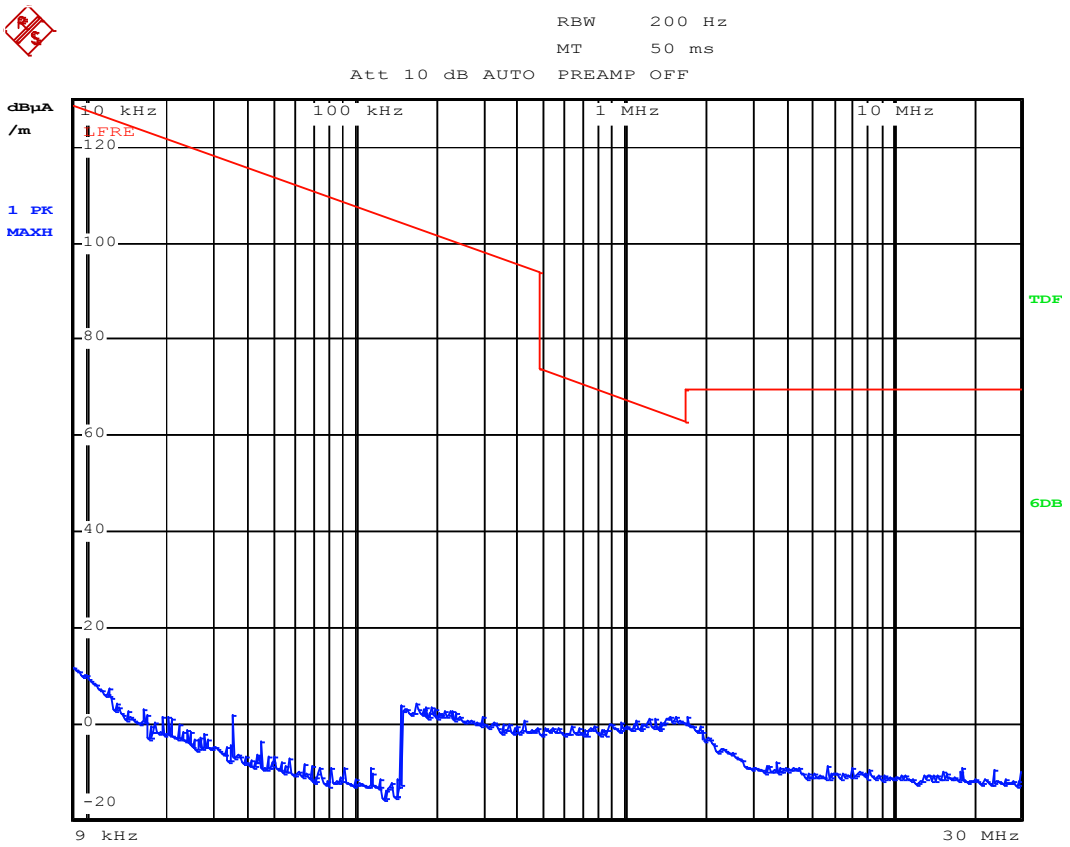

Date: 5.MAY.2014 09:01:30

**Figure 29 Test plot of Transmitter spurious emissions, BDR, middle Channel, 9 KHz-30MHz, Y direction**



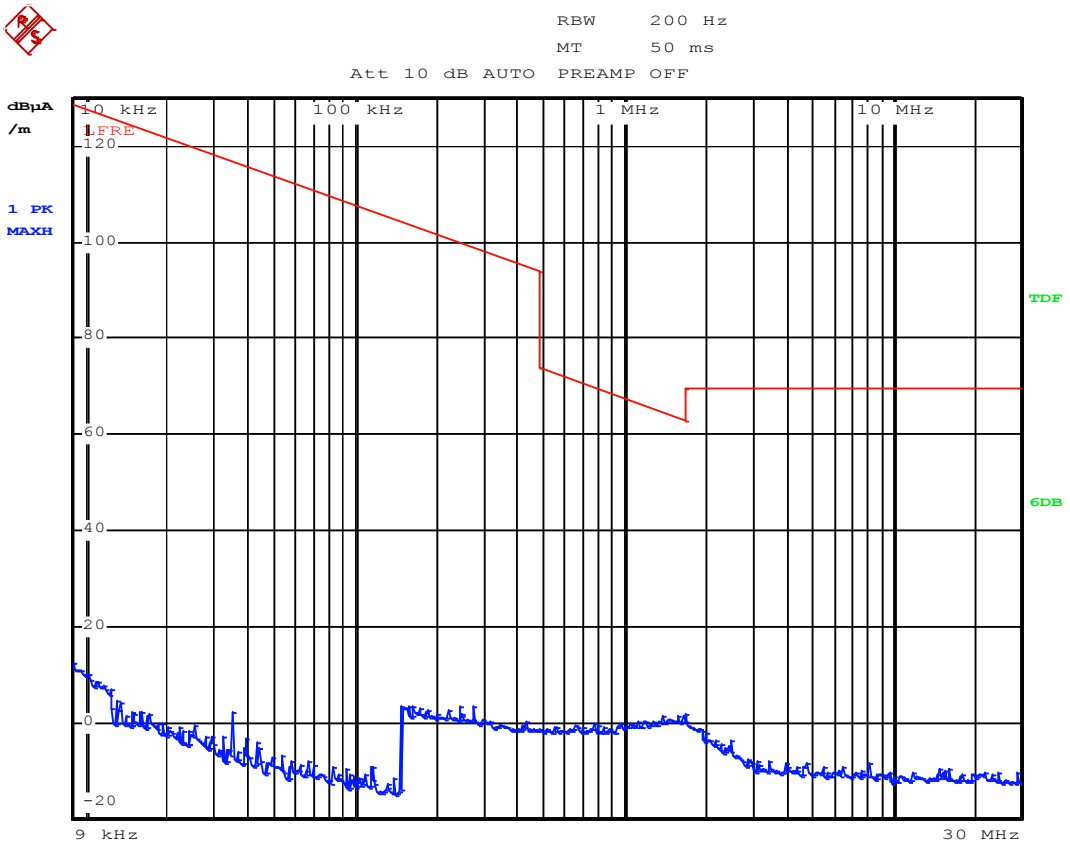

Date: 5.MAY.2014 09:03:26

**Figure 30 Test plot of Transmitter spurious emissions, BDR, middle Channel, 9 KHz-30MHz, Z direction**



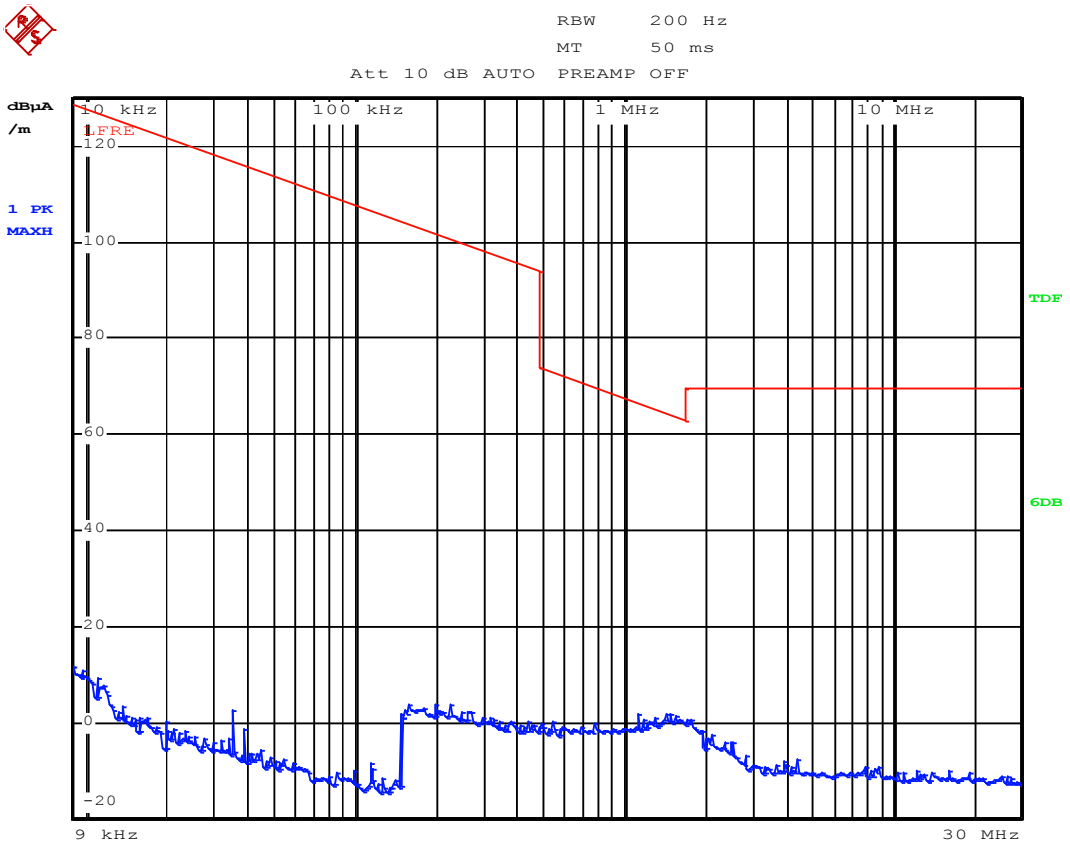

Date: 5.MAY.2014 09:05:22

**Figure 31 Test plot of Transmitter spurious emissions, BDR, high Channel, 9KHz-30MHz, X direction**



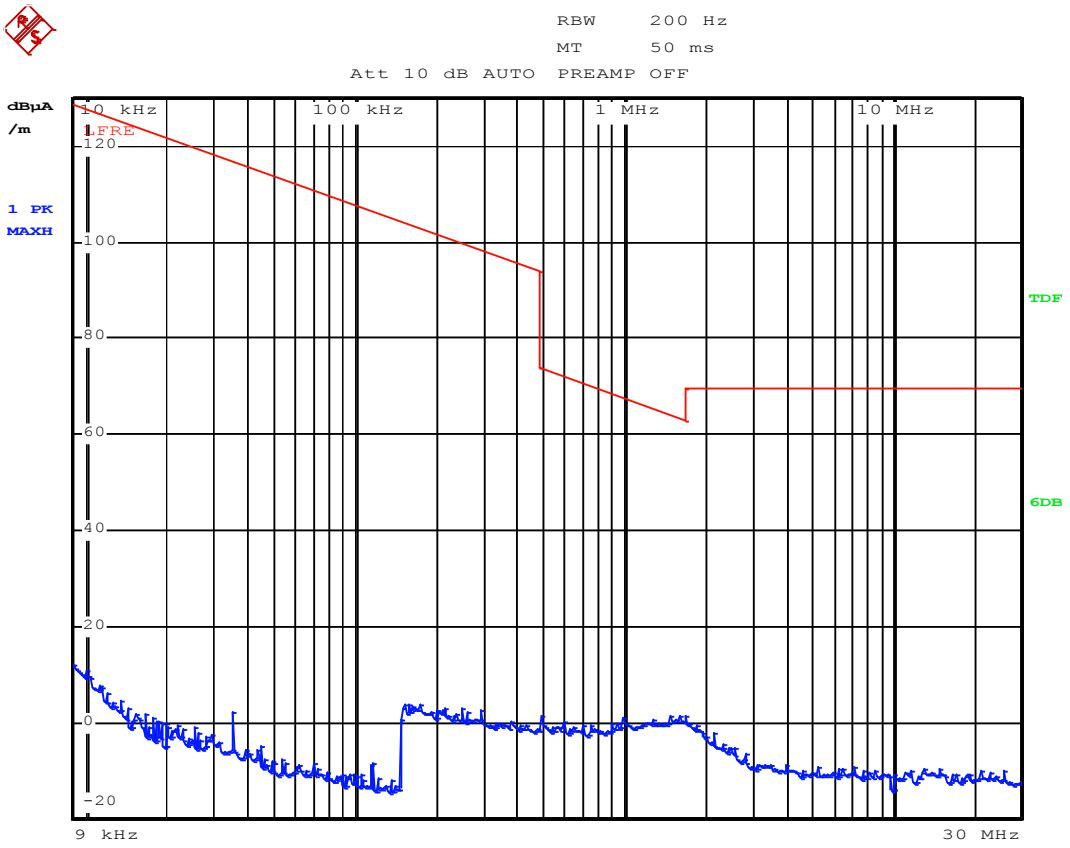

Date: 5.MAY.2014 09:07:17

**Figure 32 Test plot of Transmitter spurious emissions, BDR, high Channel, 9KHz-30MHz, Y direction**



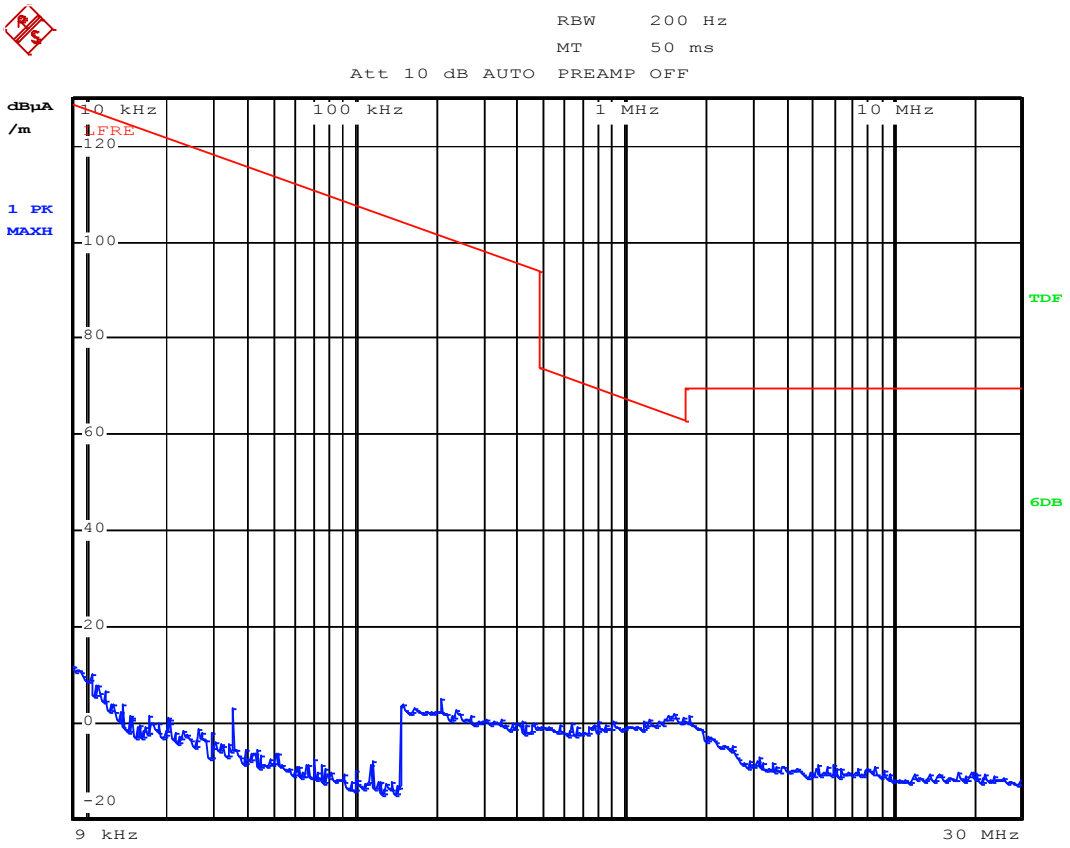

Date: 5.MAY.2014 09:09:11

**Figure 33 Test plot of Transmitter spurious emissions, BDR, high Channel, 9KHz-30MHz, Z direction**



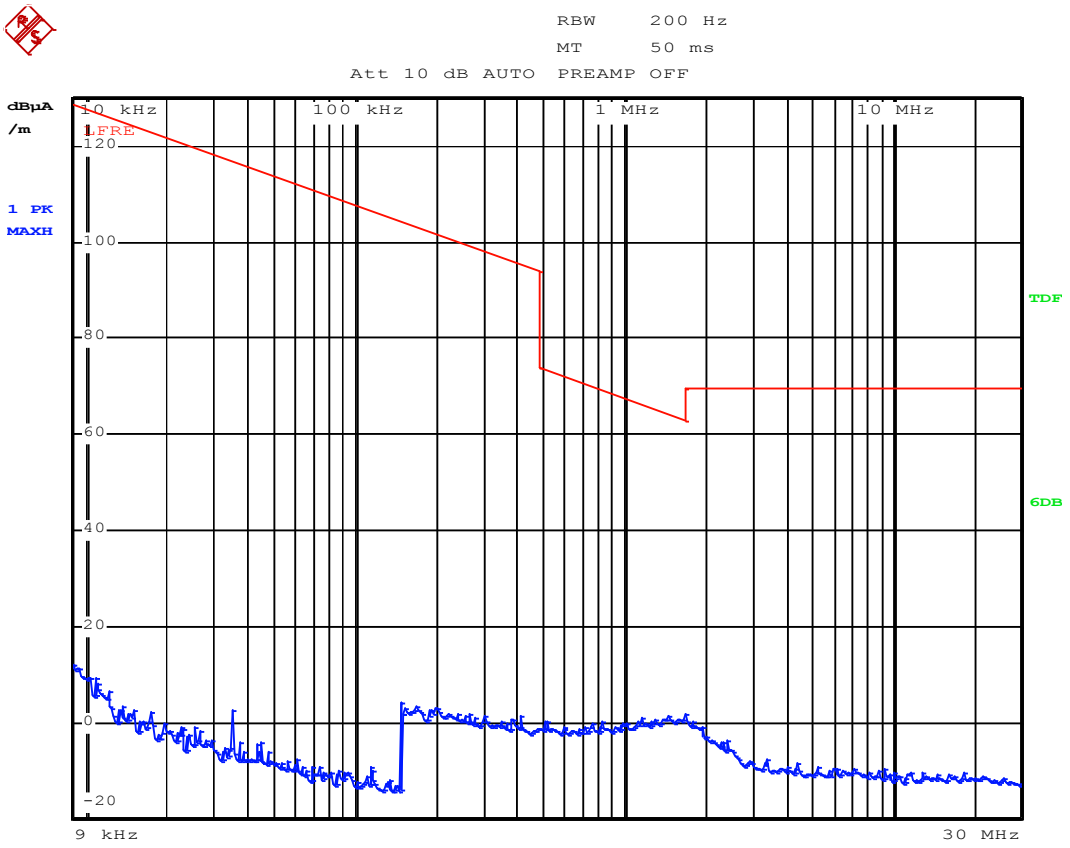

Date: 5.MAY.2014 09:11:05

**Figure 34 Test plot of Transmitter spurious emissions, EDR, low Channel, 9 KHz-30MHz, X direction**



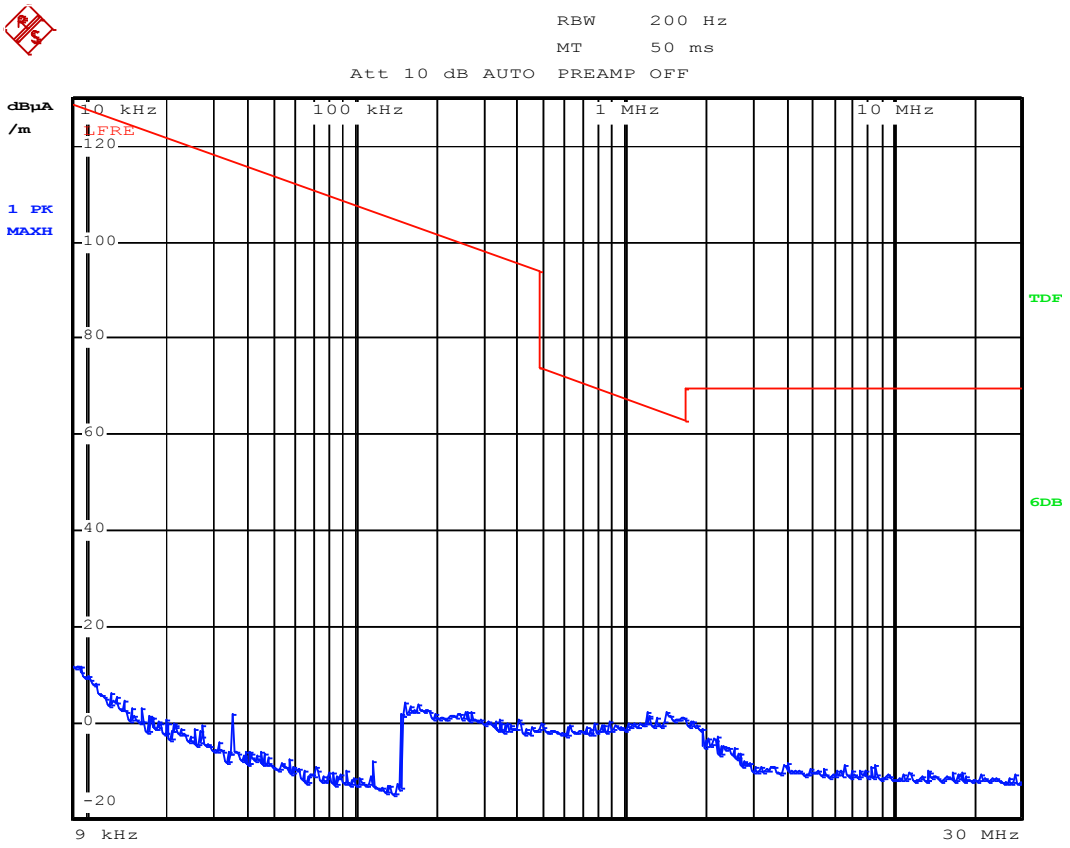

Date: 5.MAY.2014 09:24:46

**Figure 35 Test plot of Transmitter spurious emissions, EDR, low Channel, 9KHz-30MHz, Y direction**



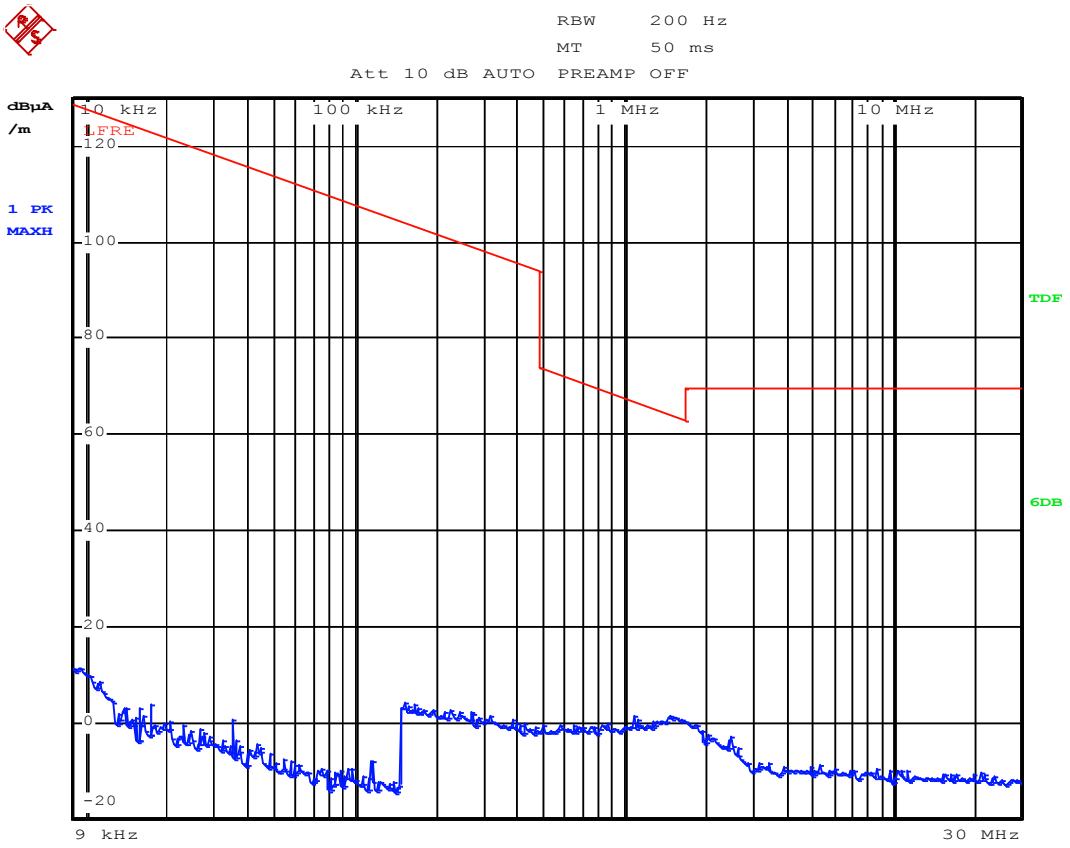

Date: 5.MAY.2014 09:26:42

**Figure 36 Test plot of Transmitter spurious emissions, EDR, low Channel, 9KHz-30MHz, Z direction**



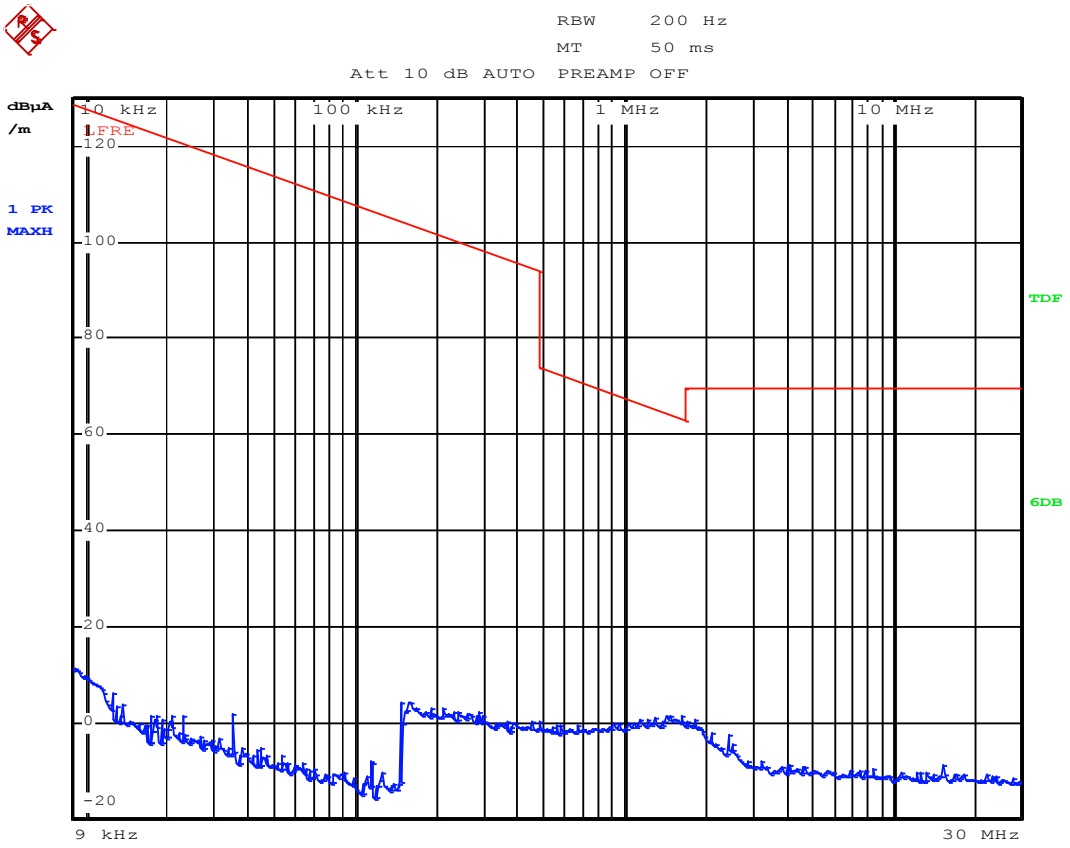

Date: 5.MAY.2014 09:28:47

**Figure 37 Test plot of Transmitter spurious emissions, EDR, middle Channel, 9 KHz-30MHz, X direction**



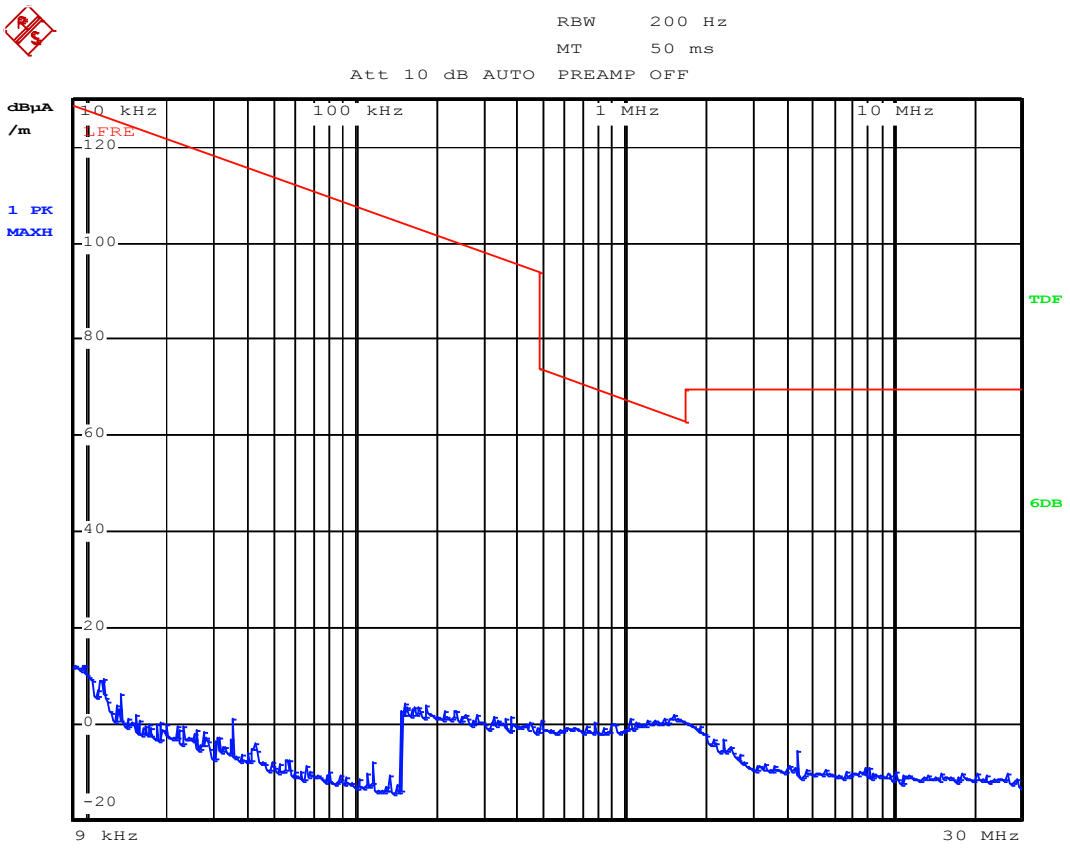

Date: 5.MAY.2014 09:30:44

**Figure 38 Test plot of Transmitter spurious emissions, EDR, middle Channel, 9 KHz-30MHz, Y direction**



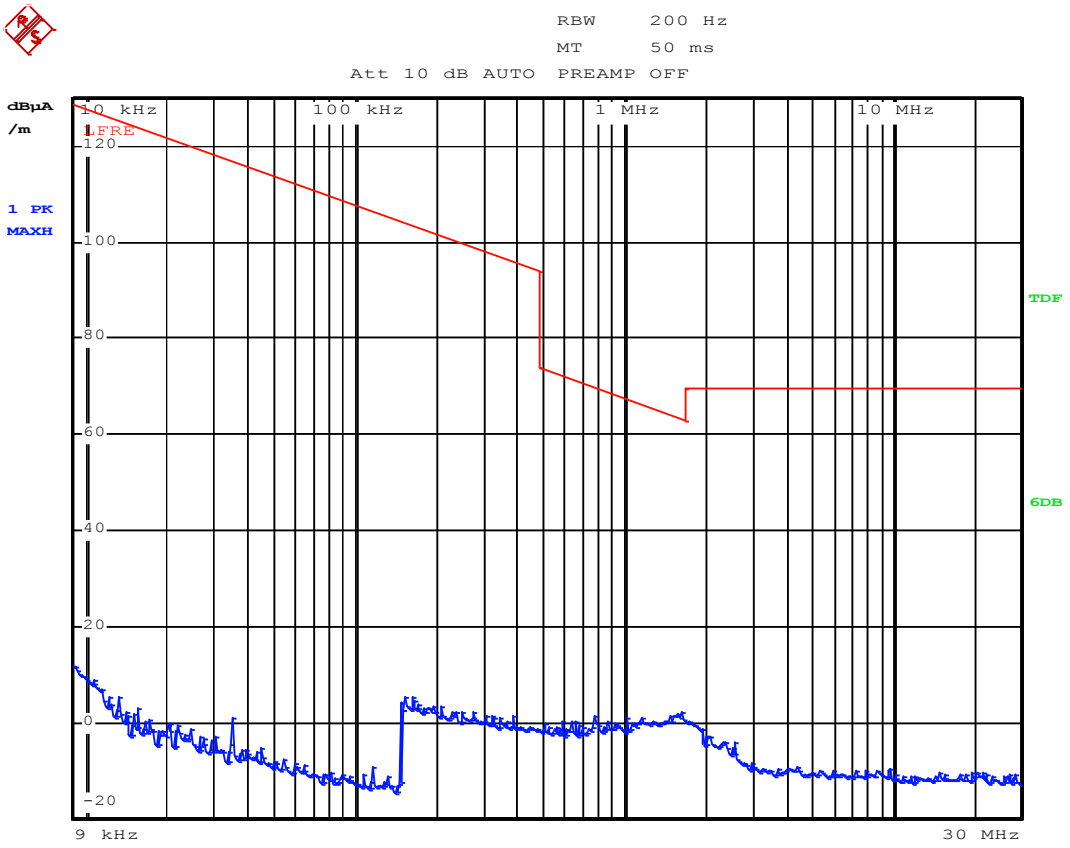

Date: 5.MAY.2014 09:33:42

**Figure 39 Test plot of Transmitter spurious emissions, EDR, middle Channel, 9 KHz-30MHz, Z direction**



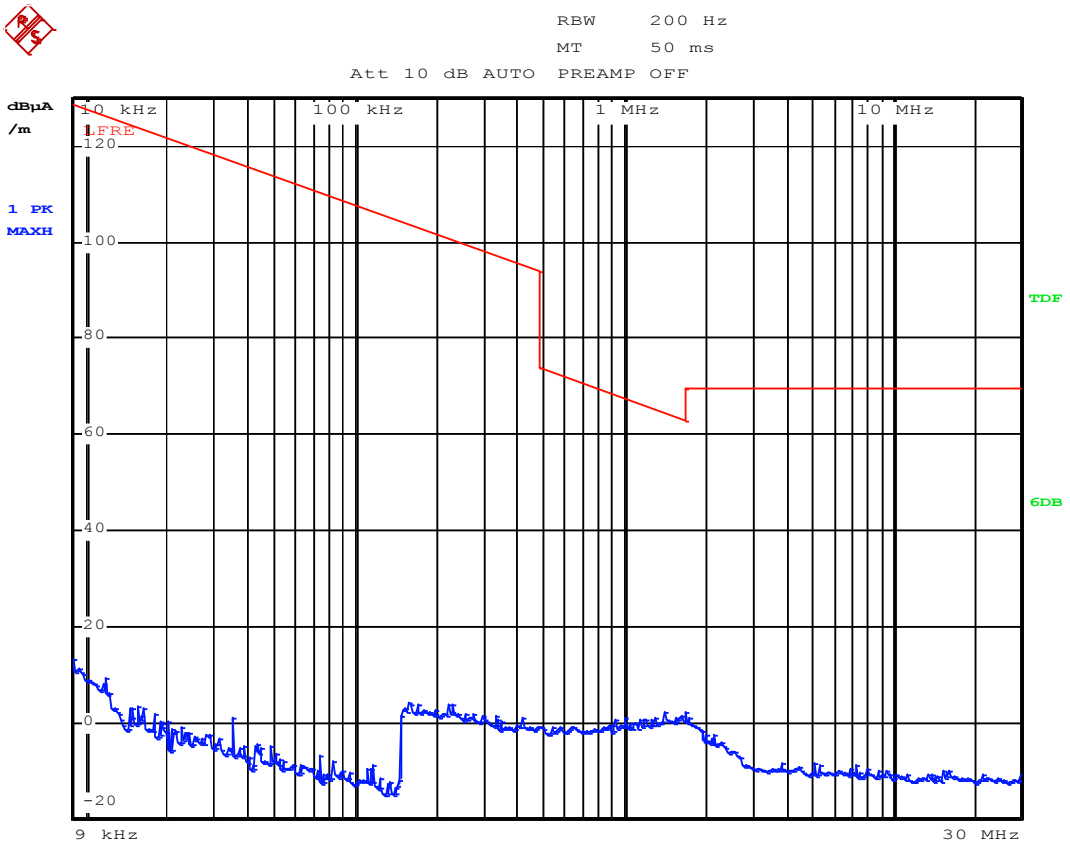

Date: 5.MAY.2014 09:35:36

**Figure 40 Test plot of Transmitter spurious emissions, EDR, high Channel, 9KHz-30MHz, X direction**



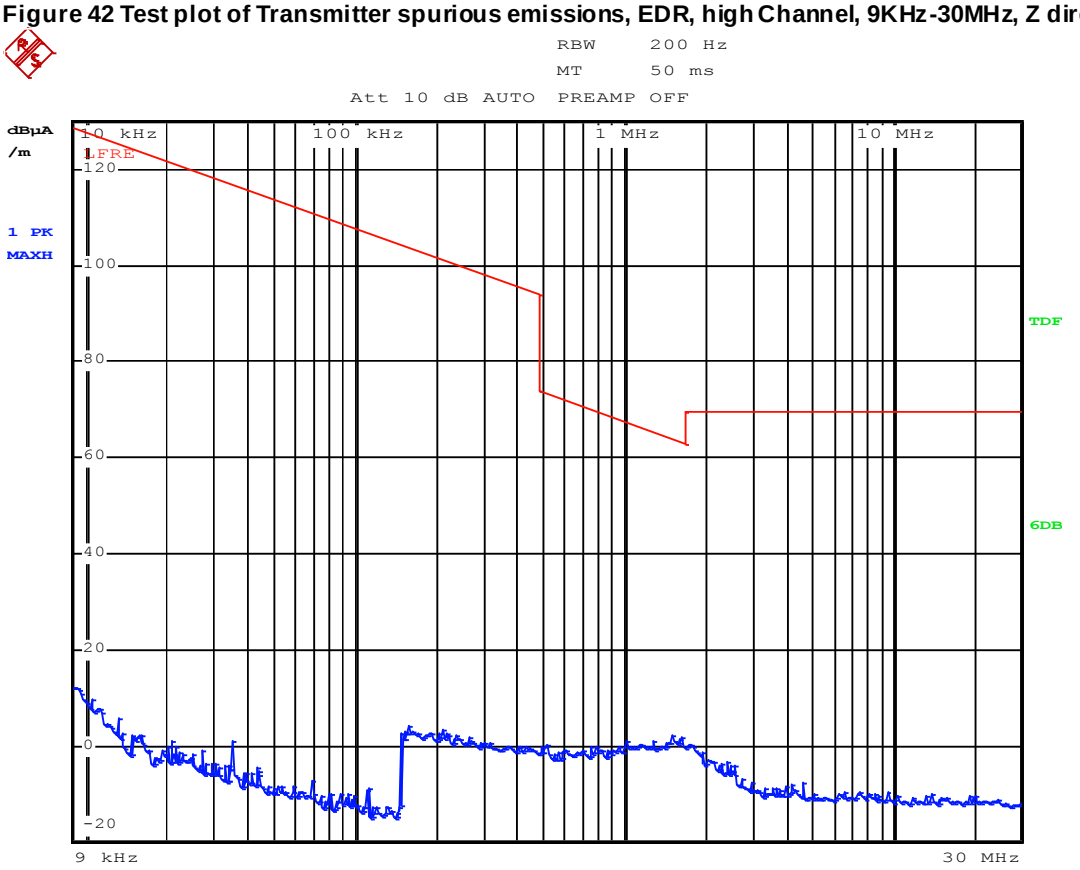

Date: 5.MAY.2014 09:37:31

**Figure 41 Test plot of Transmitter spurious emissions, EDR, high Channel, 9KHz-30MHz, Y direction**



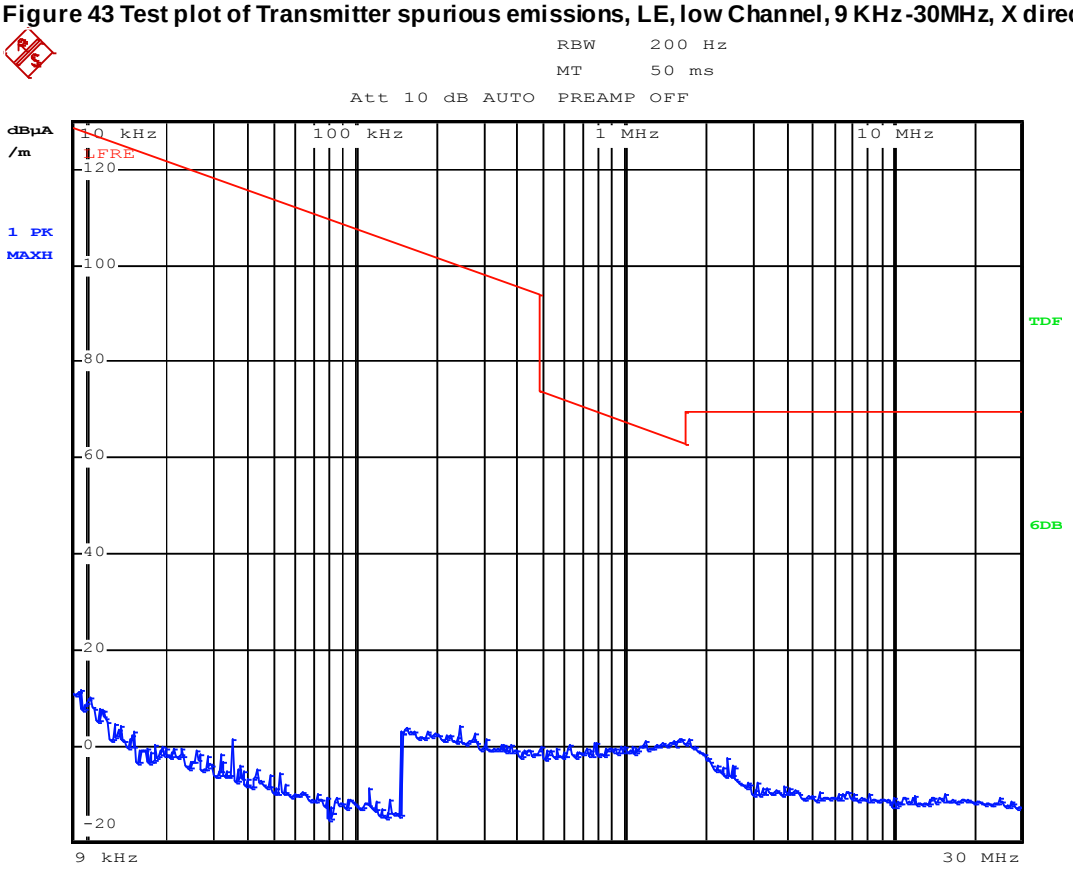

Date: 5.MAY.2014 09:39:26

**Figure 42 Test plot of Transmitter spurious emissions, EDR, high Channel, 9KHz-30MHz, Z direction**



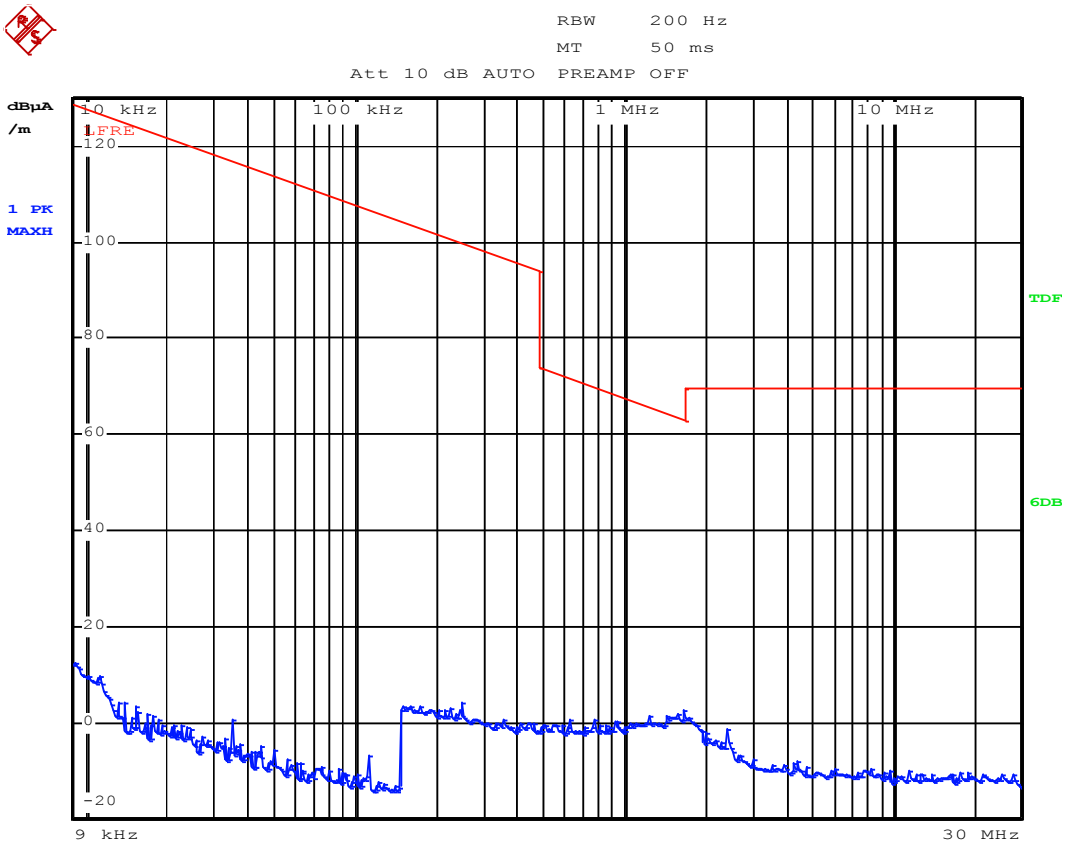

Date: 5.MAY.2014 09:41:22

**Figure 43 Test plot of Transmitter spurious emissions, LE, low Channel, 9 KHz-30MHz, X direction**



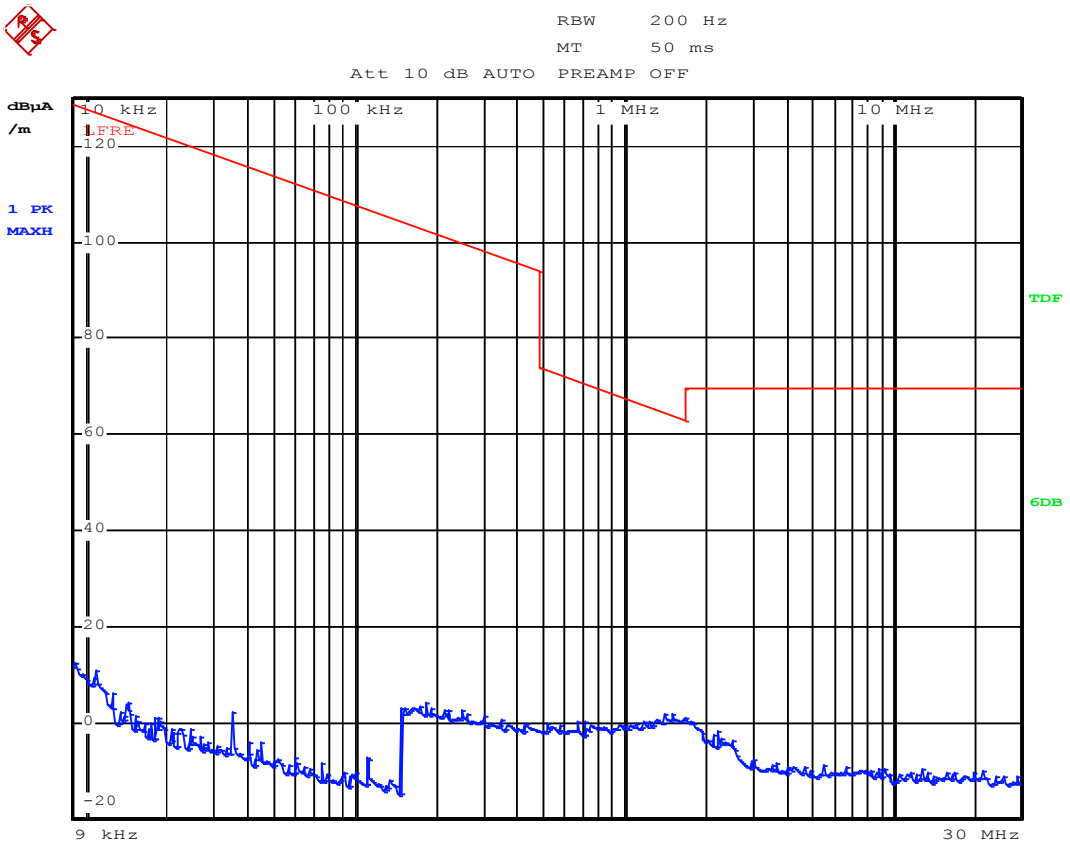

Date: 5.MAY.2014 09:49:02

**Figure 44 Test plot of Transmitter spurious emissions, LE, low Channel, 9KHz-30MHz, Y direction**



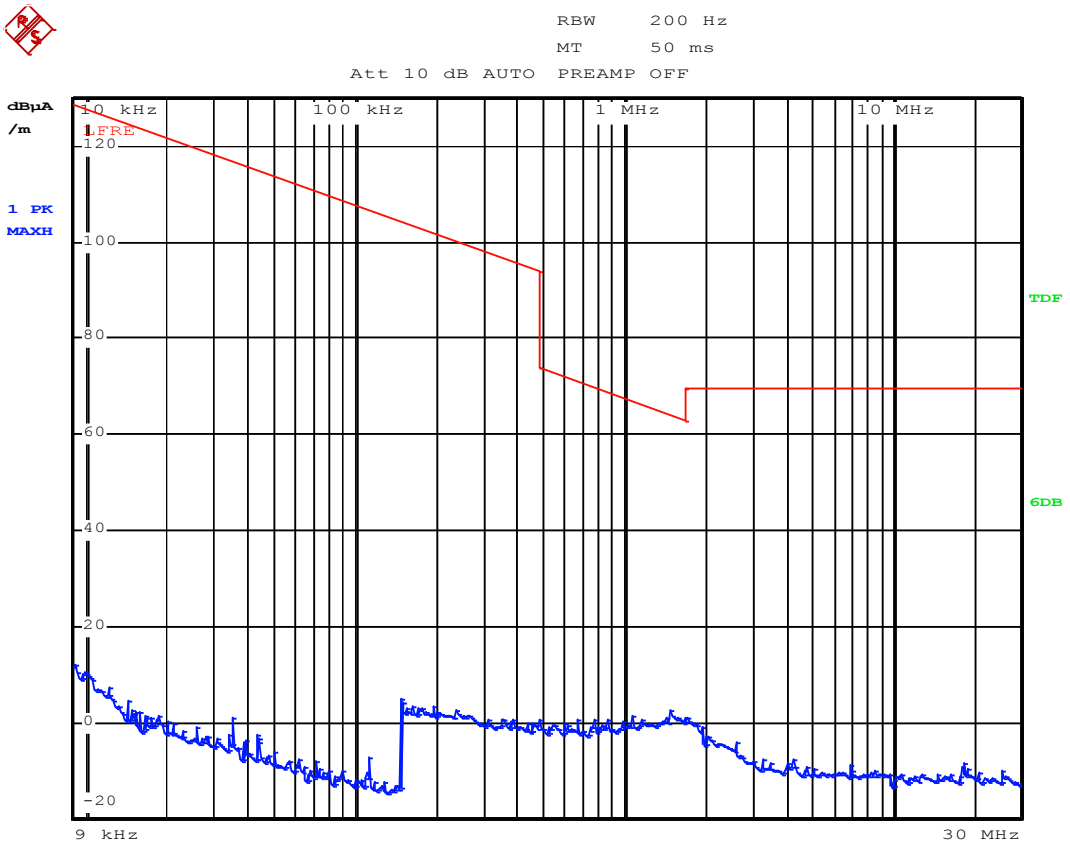

Date: 5.MAY.2014 09:50:59

**Figure 45 Test plot of Transmitter spurious emissions, LE, low Channel, 9KHz-30MHz, Z direction**



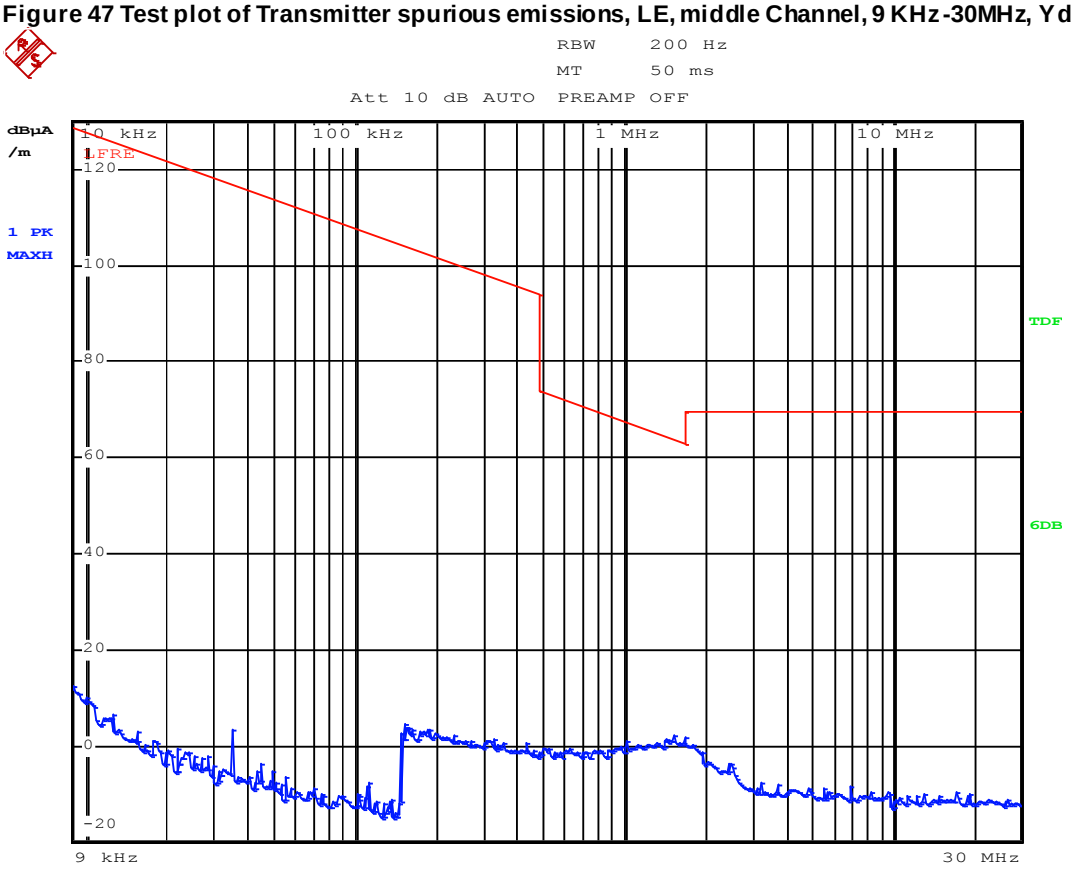

Date: 5.MAY.2014 09:52:54

**Figure 46 Test plot of Transmitter spurious emissions, LE, middle Channel, 9 KHz-30MHz, X direction**



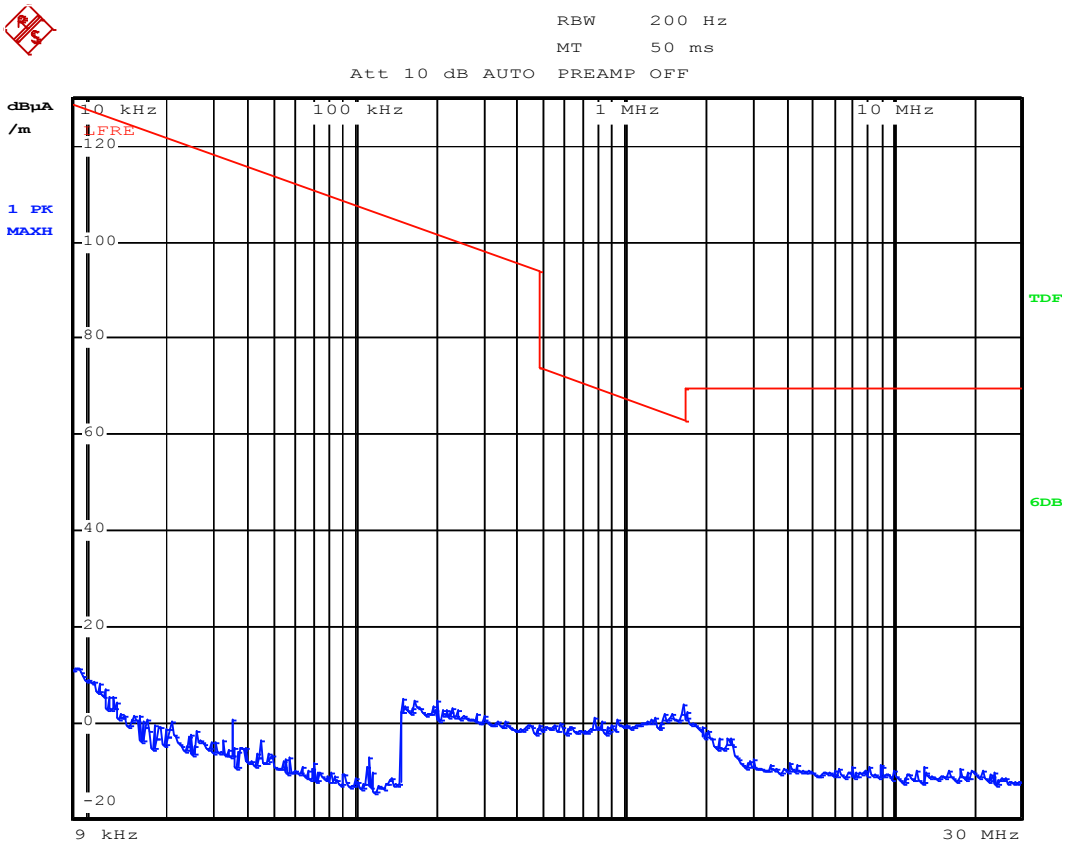

Date: 5.MAY.2014 09:55:10

**Figure 47 Test plot of Transmitter spurious emissions, LE, middle Channel, 9 KHz-30MHz, Y direction**



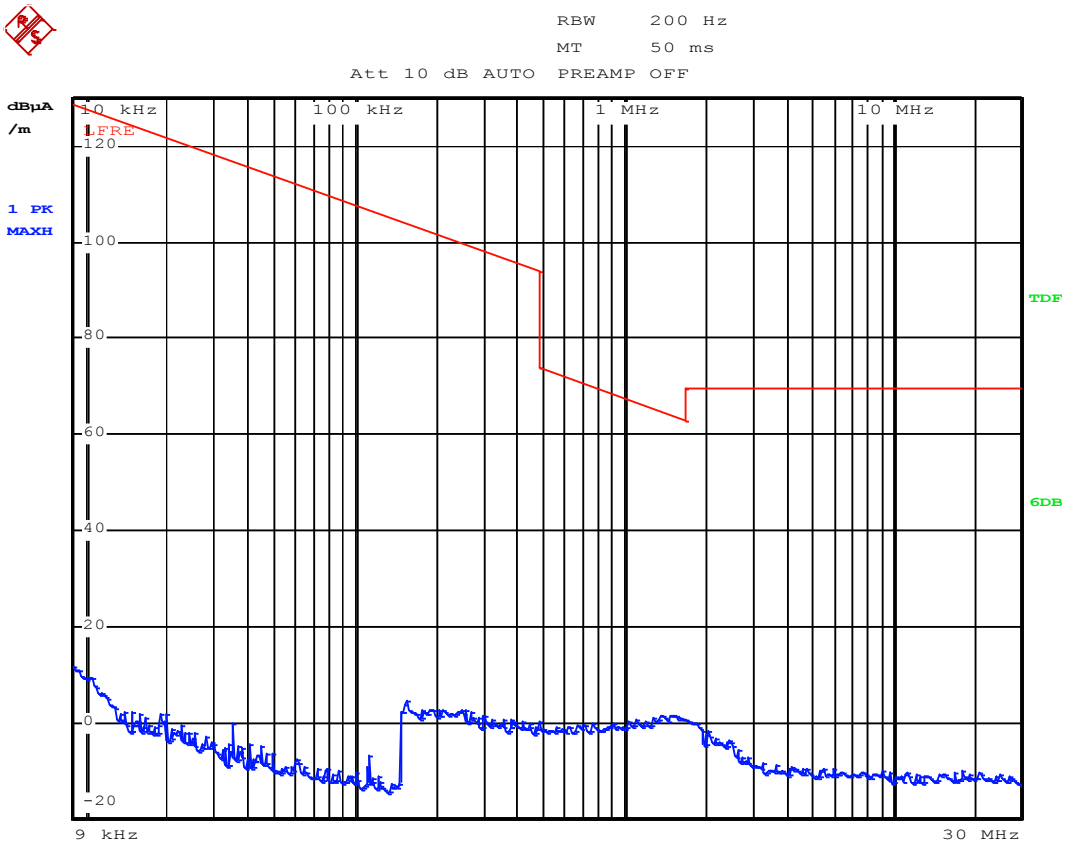

Date: 5.MAY.2014 09:57:06

**Figure 48 Test plot of Transmitter spurious emissions, LE, middle Channel, 9 KHz-30MHz, Z direction**



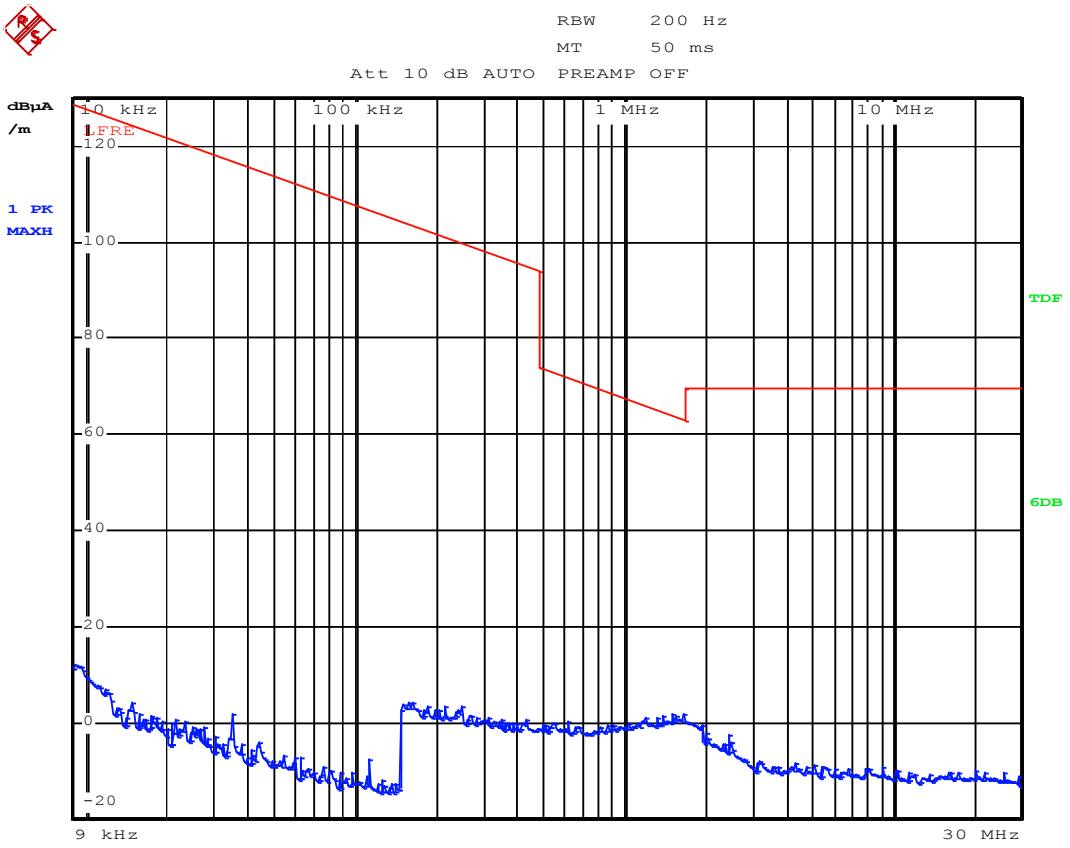

Date: 5.MAY.2014 09:59:02

**Figure 49 Test plot of Transmitter spurious emissions, LE, high Channel, 9KHz-30MHz, X direction**



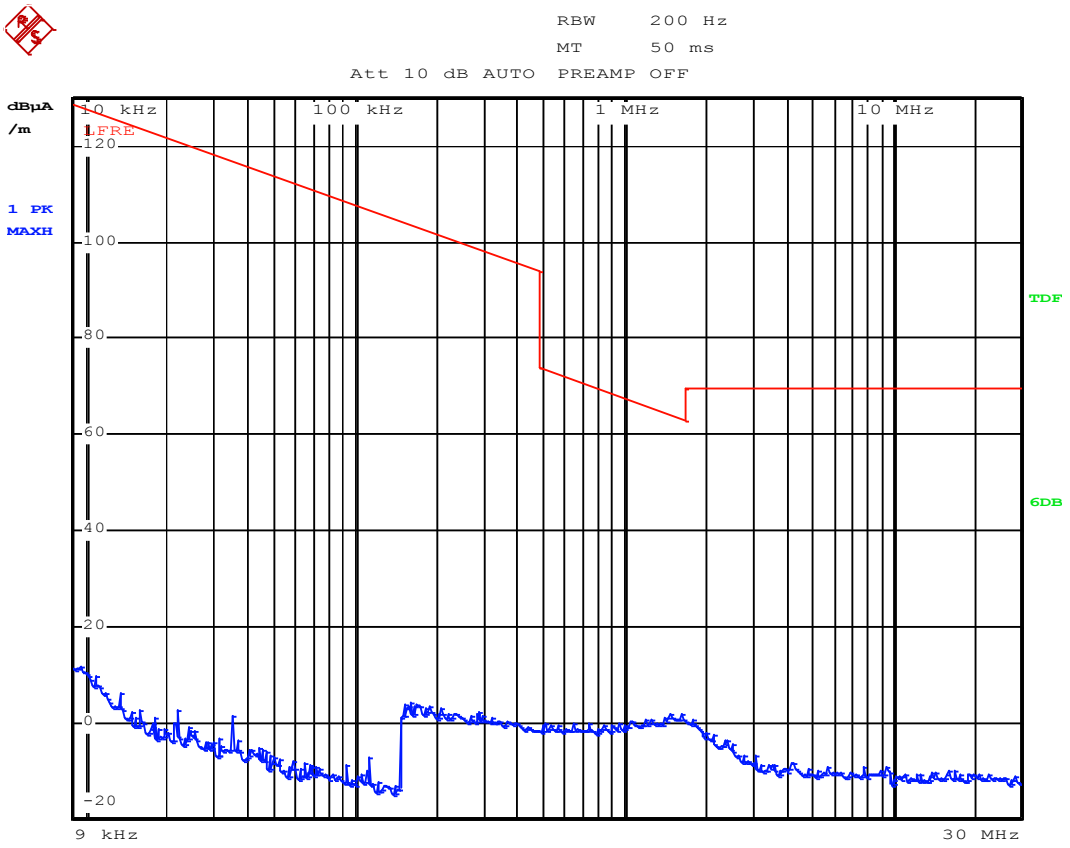

Date: 5.MAY.2014 10:00:56

**Figure 50 Test plot of Transmitter spurious emissions, LE, high Channel, 9KHz-30MHz, Y direction**




Date: 5.MAY.2014 10:02:56

**Figure 51 Test plot of Transmitter spurious emissions, LE, high Channel, 9KHz-30MHz, Z direction**



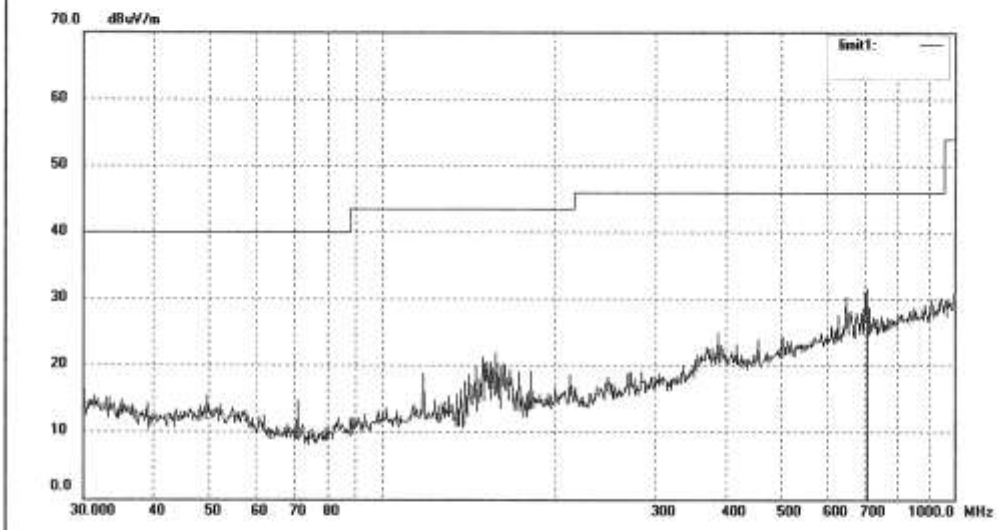

Date: 5.MAY.2014 10:04:52

**Figure 52 Test plot of Transmitter spurious emissions, BDR, low Channel, 30MHz-1GHz, Horizontal**

ATC®
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.: PHY #1361 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/26/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 21/13/37 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2402MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: BDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 705.6905 | 29.21 | -1.64 | 27.57 | 46.00 | -18.43 | QP | | | |

**Figure 53 Test plot of Transmitter spurious emissions, BDR, low Channel, 30MHz-1GHz, Vertical**

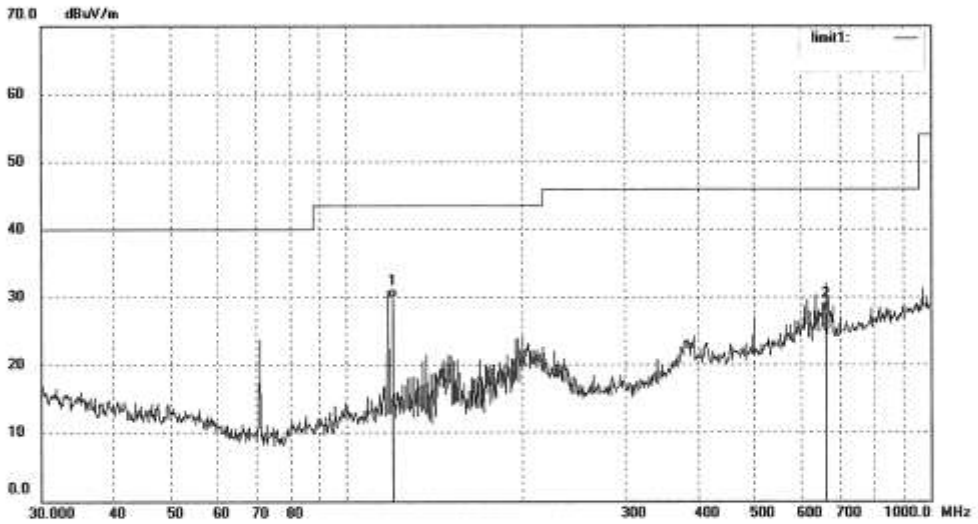
ATC®

**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.: PHY #1362 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/26/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 21/22/20 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2402MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: BDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 119.9950 | 42.96 | -13.14 | 29.82 | 43.50 | -13.68 | QP | | | |
| 2 | 663.8840 | 30.19 | -2.21 | 27.98 | 46.00 | -18.02 | QP | | | |

**Figure 54 Test plot of Transmitter spurious emissions, BDR, middle Channel, 30MHz-1GHz, Horizontal**

ATC®

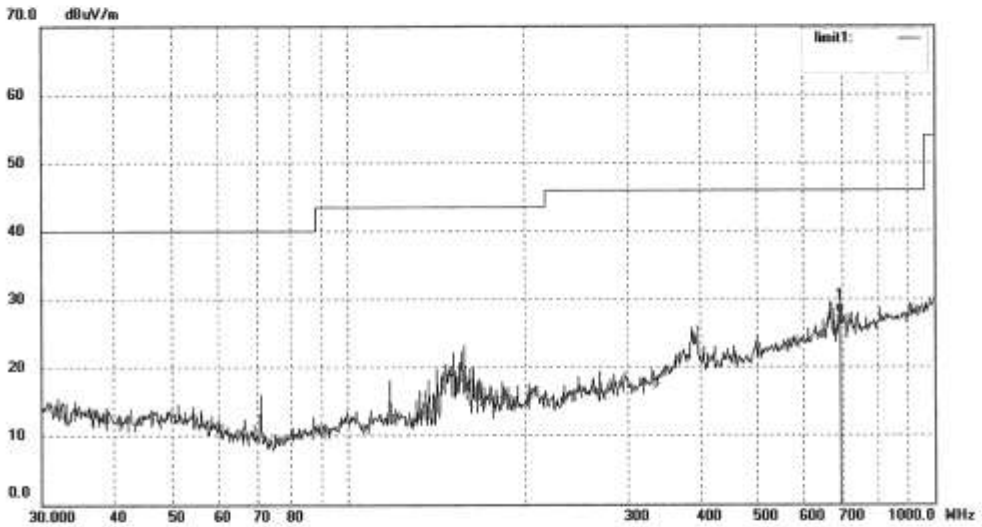
**ACCURATE TECHNOLOGY CO., LTD.**

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.: PHY #1364 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/26/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 21/40/04 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2441MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: BDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 691.4763 | 29.82 | -1.90 | 27.92 | 46.00 | -18.08 | QP | | | |

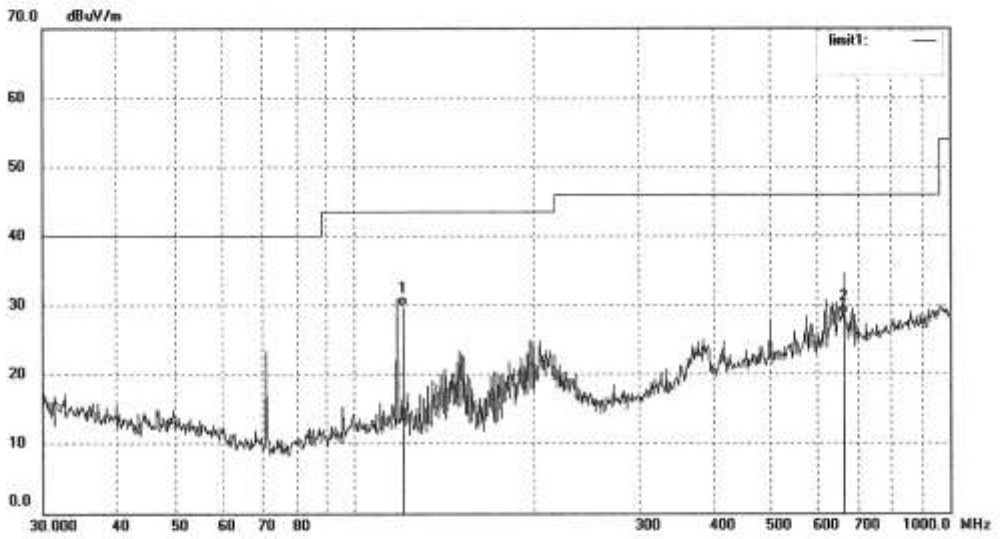
**Figure 55 Test plot of Transmitter spurious emissions, BDR, middle Channel, 30MHz-1GHz, Vertical**

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.: PHY #1363
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2441MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Vertical
Power Source: DC 5V
Date: 14/04/26/
Time: 21/31/38
Engineer Signature: PEI
Distance: 3m

Note: BDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 119.9880 | 43.02 | -13.14 | 29.88 | 43.50 | -13.62 | QP | | | |
| 2 | 665.2308 | 30.72 | -2.19 | 28.53 | 46.00 | -17.47 | QP | | | |

**Figure 56 Test plot of Transmitter spurious emissions, BDR, high Channel, 30MHz-1GHz, Horizontal**

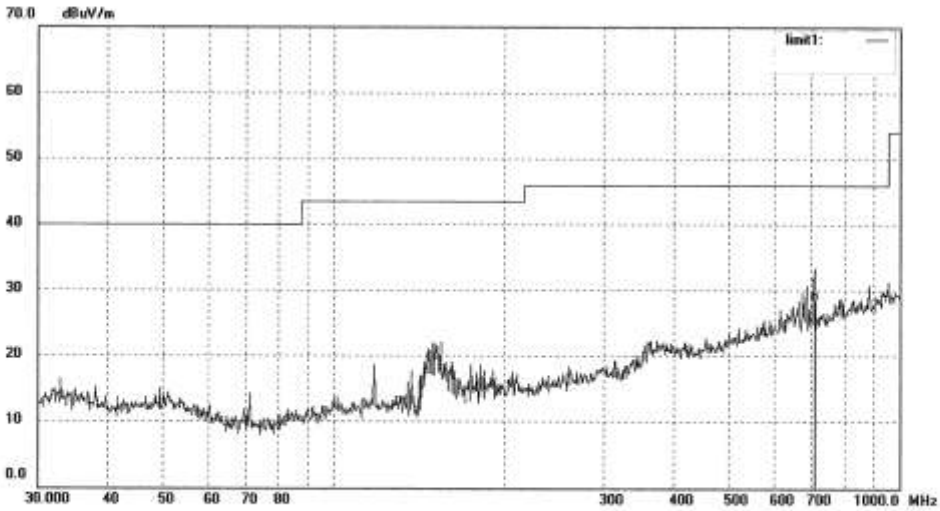
ATC®

**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.: PHY #1365 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/26/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 21/48/39 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2480MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: BDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 708.6941 | 29.98 | -1.62 | 28.36 | 46.00 | -17.64 | QP | | | |

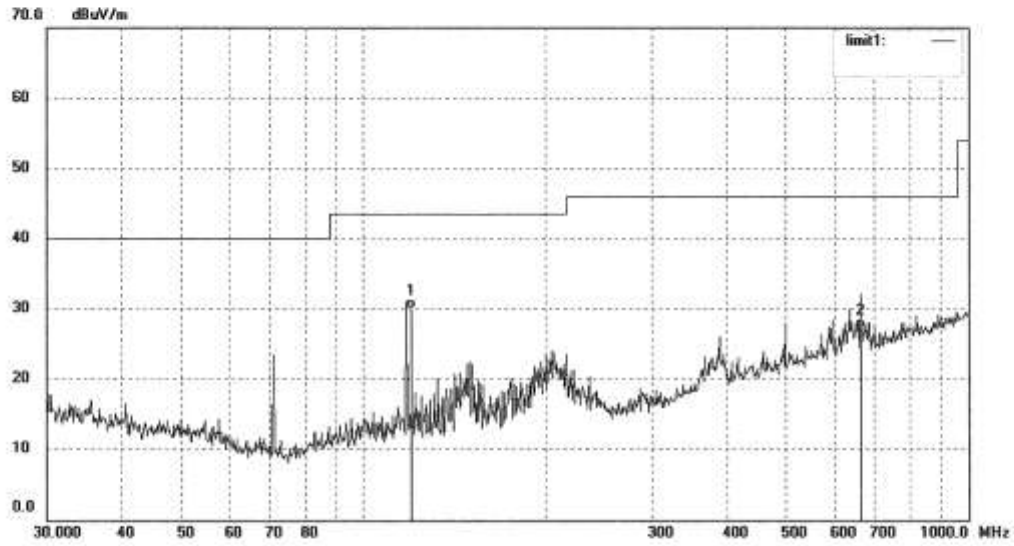
**Figure 57 Test plot of Transmitter spurious emissions, BDR, high Channel, 30MHz-1GHz, Vertical**

ATC®
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.: PHY #1366
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2480MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Vertical
Power Source: DC 5V
Date: 14/04/26/
Time: 21/57/05
Engineer Signature: PEI
Distance: 3m

Note: BDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 119.9954 | 43.15 | -13.14 | 30.01 | 43.50 | -13.49 | QP | | | |
| 2 | 662.9276 | 29.36 | -2.21 | 27.15 | 46.00 | -18.85 | QP | | | |

**Figure 58 Test plot of Transmitter spurious emissions, BDR, low Channel, 1GHz-18GHz, Horizontal**

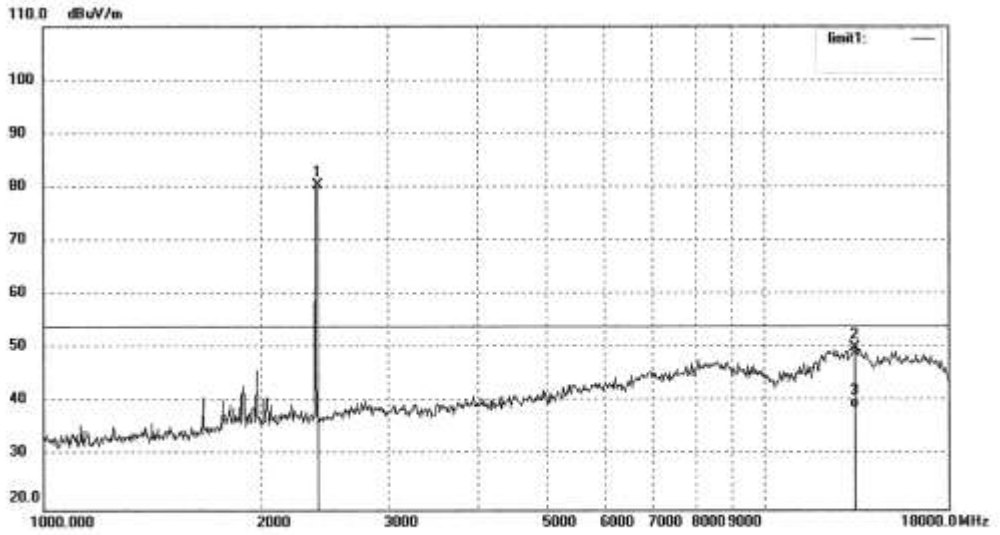
ATC®

**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.: PHY #1301 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/25/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 8/29/52 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2402MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: BDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2402.000 | 87.87 | -7.45 | 80.42 | / | / | peak | | | |
| 2 | 13337.303 | 10.55 | 39.40 | 49.95 | 74.00 | -24.05 | peak | | | |
| 3 | 13337.303 | -0.70 | 39.40 | 38.70 | 54.00 | -15.30 | AVG | | | |

**Figure 59 Test plot of Transmitter spurious emissions, BDR, low Channel, 1GHz-18GHz, Vertical**

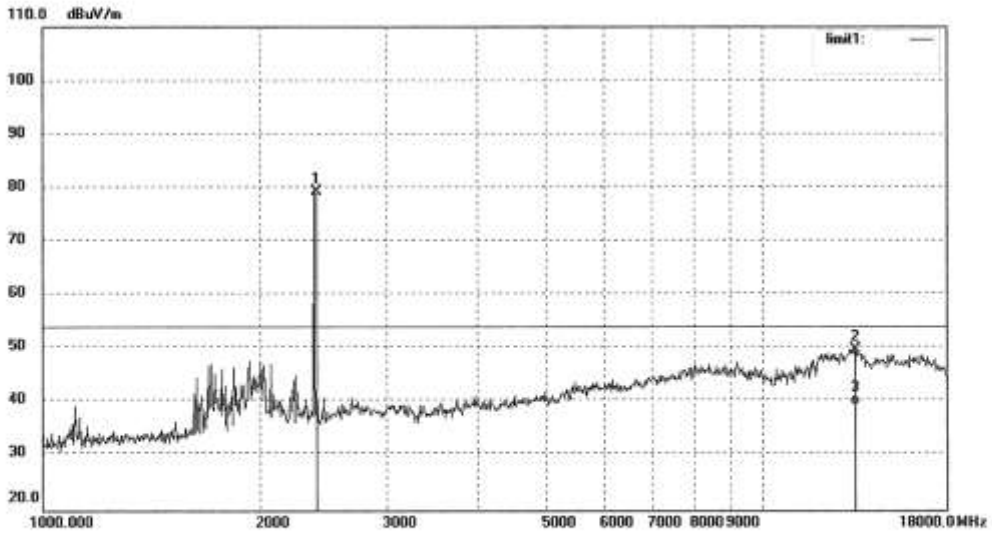
ATC®

**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.: PHY #1302 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/25/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 8/39/58 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2402MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: BDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2402.000 | 86.83 | -7.45 | 79.38 | / | / | peak | | | |
| 2 | 13454.277 | 10.28 | 39.55 | 49.83 | 74.00 | -24.17 | peak | | | |
| 3 | 13454.277 | -0.20 | 39.55 | 39.35 | 54.00 | -14.65 | AVG | | | |

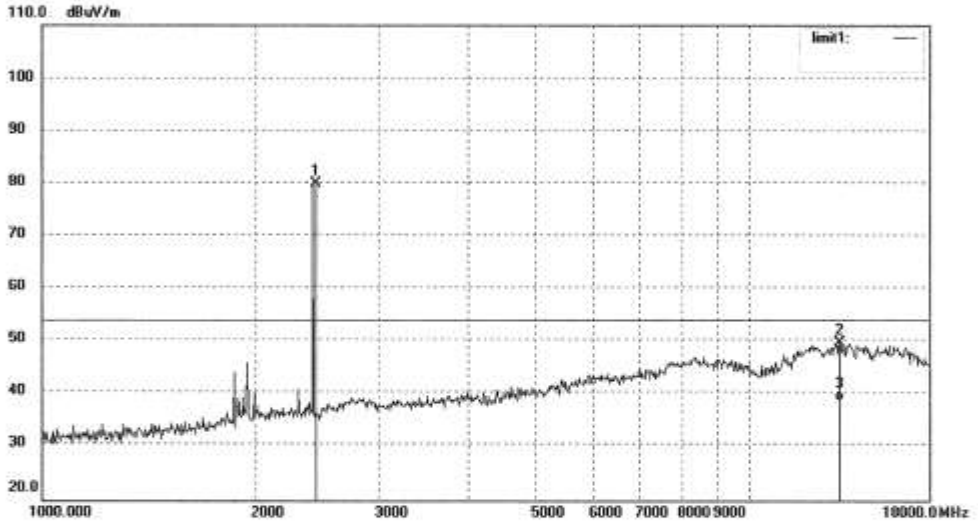
**Figure 60 Test plot of Transmitter spurious emissions, BDR, middle Channel, 1GHz-18GHz, Horizontal**

ATC®
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.: PHY #1305
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2441MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Horizontal
Power Source: DC 5V
Date: 14/04/25/
Time: 9/08/25
Engineer Signature: PEI
Distance: 3m

Note: BDR



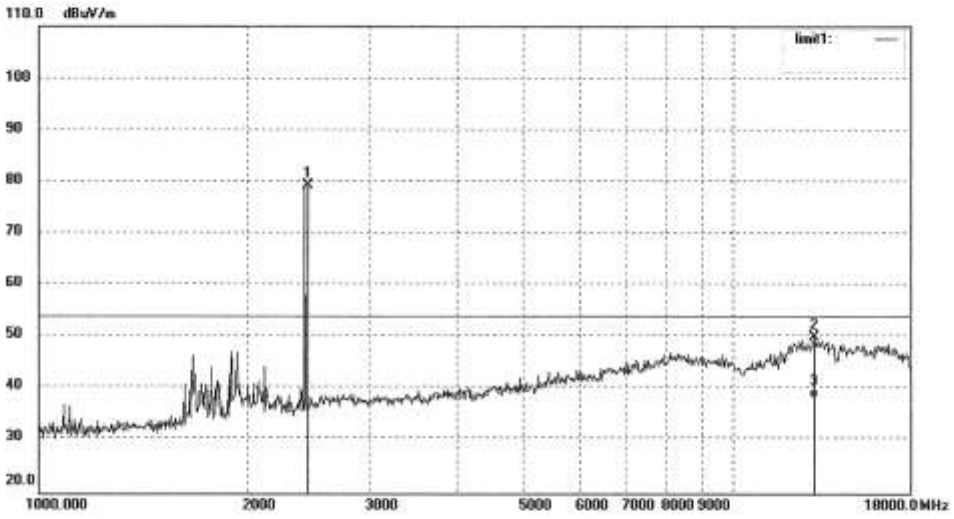

| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2441.000 | 87.32 | -7.35 | 79.97 | / | / | peak | | | |
| 2 | 13454.277 | 10.33 | 39.55 | 49.88 | 74.00 | -24.12 | peak | | | |
| 3 | 13454.277 | -0.85 | 39.55 | 38.70 | 54.00 | -15.30 | AVG | | | |

**Figure 61 Test plot of Transmitter spurious emissions, BDR, middle Channel, 1GHz-18GHz, Vertical**

ATC®
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.: PHY #1306 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/25/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 9/19/28 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2441MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: BDR



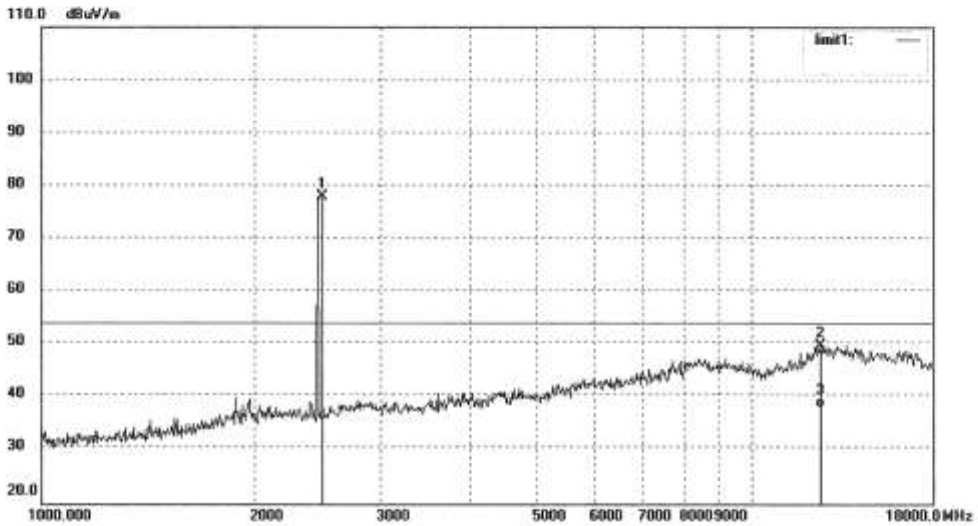

| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2441.000 | 86.58 | -7.35 | 79.23 | / | / | peak | | | |
| 2 | 13106.396 | 10.86 | 39.13 | 49.99 | 74.00 | -24.01 | peak | | | |
| 3 | 13106.396 | -0.74 | 39.13 | 38.39 | 54.00 | -15.61 | AVG | | | |

**Figure 62 Test plot of Transmitter spurious emissions, BDR, high Channel, 1GHz-18GHz, Horizontal**

ATC®
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.: PHY #1308 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test Item: Radiation Test | Date: 14/04/25/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 9/42/39 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2480MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: BDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2480.000 | 85.40 | -7.37 | 78.03 | / | / | peak | | | |
| 2 | 12510.001 | 11.34 | 38.41 | 49.75 | 74.00 | -24.25 | peak | | | |
| 3 | 12510.001 | -0.34 | 38.41 | 38.07 | 54.00 | -15.93 | AVG | | | |

**Figure 63 Test plot of Transmitter spurious emissions, BDR, high Channel, 1GHz-18GHz, Vertical**

ATC®

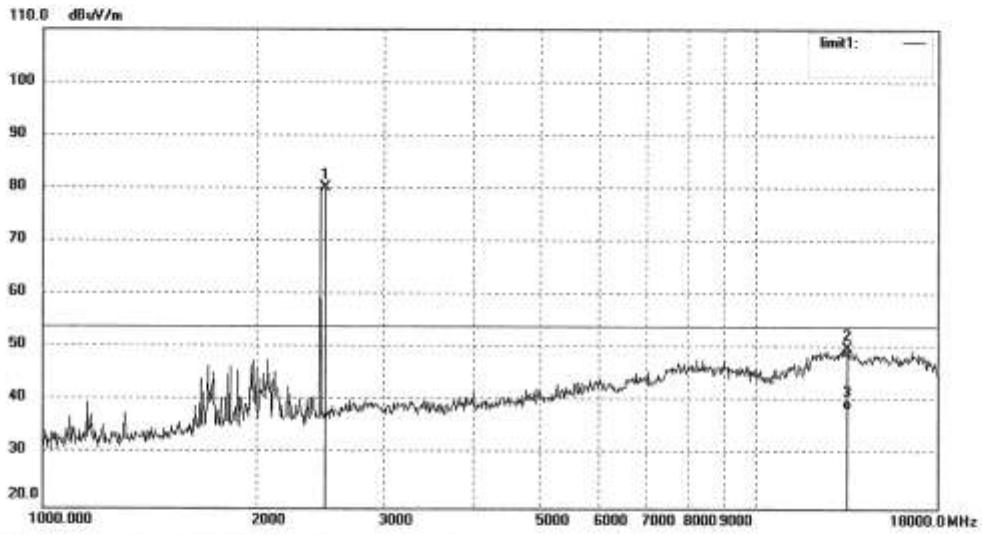
**ACCURATE TECHNOLOGY CO., LTD.**

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.: PHY #1307 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/25/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 9/30/33 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2480MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: BDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2480.000 | 87.55 | -7.37 | 80.18 | / | / | peak | | | |
| 2 | 13454.277 | 10.41 | 39.55 | 49.96 | 74.00 | -24.04 | peak | | | |
| 3 | 13454.277 | -0.89 | 39.55 | 38.66 | 54.00 | -15.34 | AVG | | | |

**Figure 64 Test plot of Transmitter spurious emissions, BDR, low Channel, 18GHz-25GHz, Horizontal**

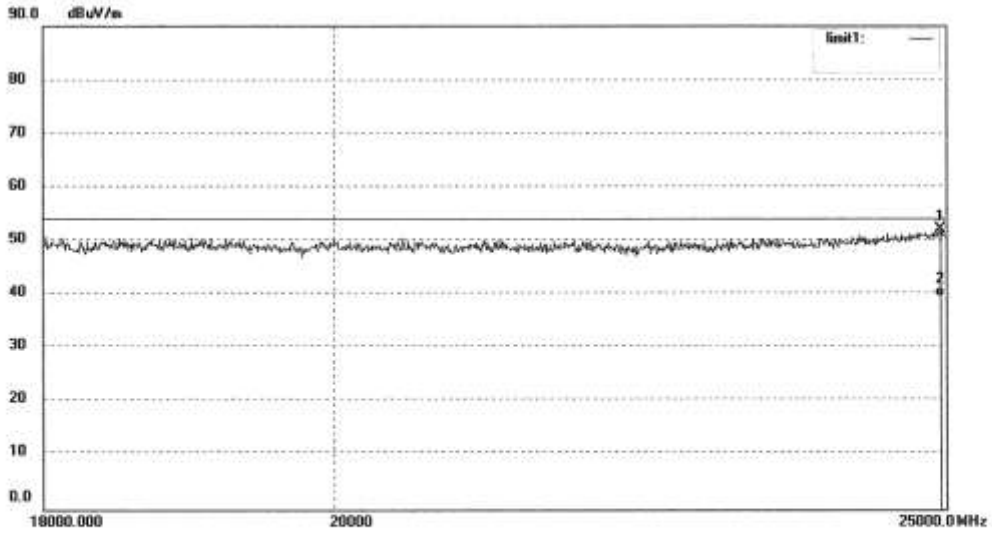
ATC®

**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.: PHY #1353 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/26/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 20/01/36 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2402MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: BDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24950.674 | 33.24 | 18.83 | 52.07 | 74.00 | -21.93 | peak | | | |
| 2 | 24950.674 | 20.75 | 18.83 | 39.58 | 54.00 | -14.42 | AVG | | | |

**Figure 65 Test plot of Transmitter spurious emissions, BDR, low Channel, 18GHz-25GHz, Vertical**

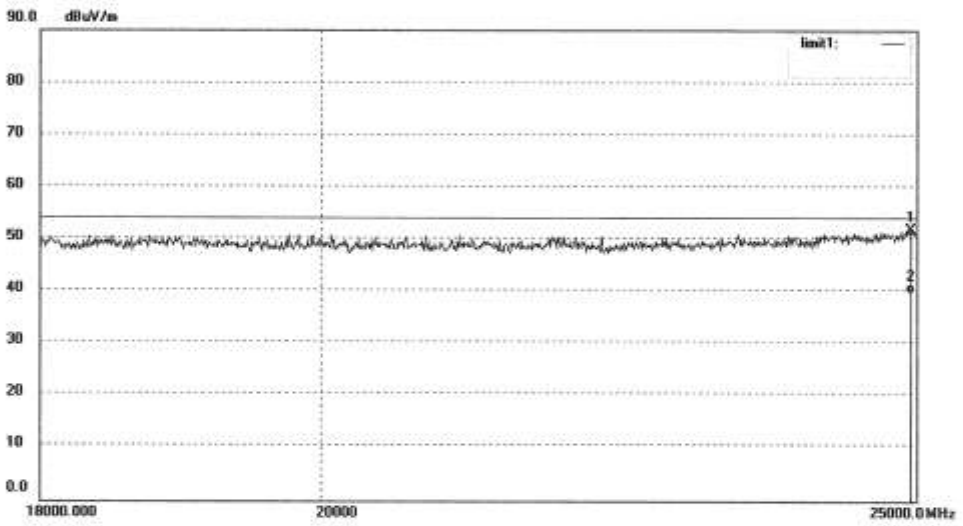
ATC®

**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.: PHY #1354 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/26/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 20/10/47 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2402MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: BDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24950.674 | 32.99 | 18.83 | 51.82 | 74.00 | -22.18 | peak | | | |
| 2 | 24950.674 | 20.81 | 18.83 | 39.64 | 54.00 | -14.36 | AVG | | | |

**Figure 66 Test plot of Transmitter spurious emissions, BDR, middle Channel, 18GHz-25GHz, Horizontal**

ATC®

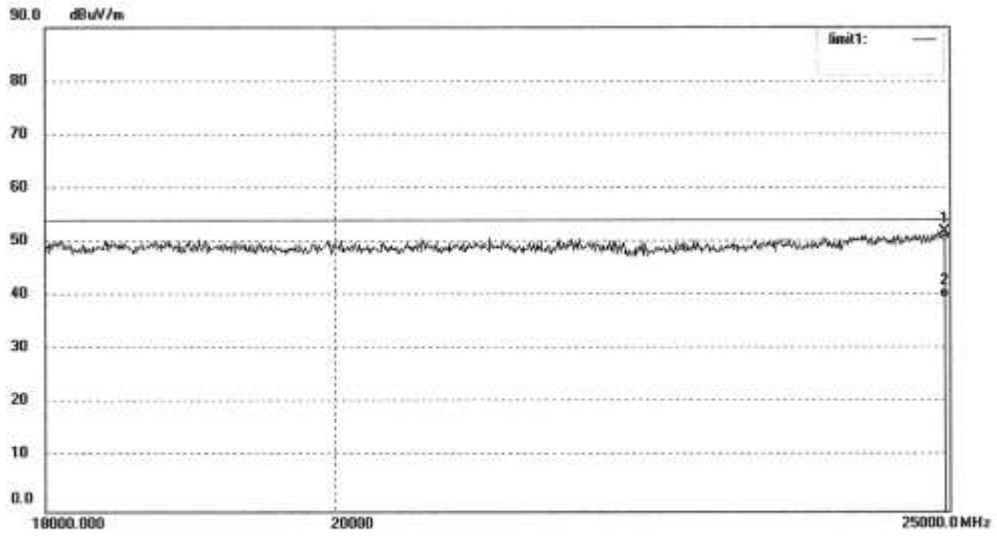
**ACCURATE TECHNOLOGY CO., LTD.**

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.: PHY #1356 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/26/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 20/30/08 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2441MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: BDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24967.105 | 33.05 | 18.85 | 51.90 | 74.00 | -22.10 | peak | | | |
| 2 | 24967.105 | 20.56 | 18.85 | 39.41 | 54.00 | -14.59 | AVG | | | |

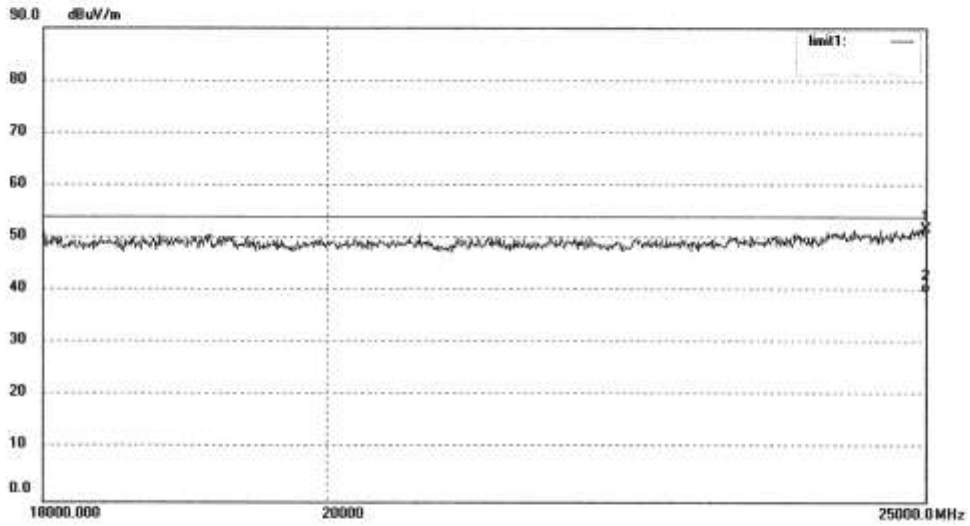
**Figure 67 Test plot of Transmitter spurious emissions, BDR, middle Channel, 18GHz-25GHz, Vertical**

ATC®
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.: PHY #1355
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2441MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Vertical
Power Source: DC 5V
Date: 14/04/26/
Time: 20/22/46
Engineer Signature: PEI
Distance: 3m

Note: BDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 25000.000 | 32.95 | 18.90 | 51.85 | 74.00 | -22.15 | peak | | | |
| 2 | 25000.000 | 20.83 | 18.90 | 39.73 | 54.00 | -14.27 | AVG | | | |

**Figure 68 Test plot of Transmitter spurious emissions, BDR, high Channel, 18GHz-25GHz, Horizontal**

ATC®

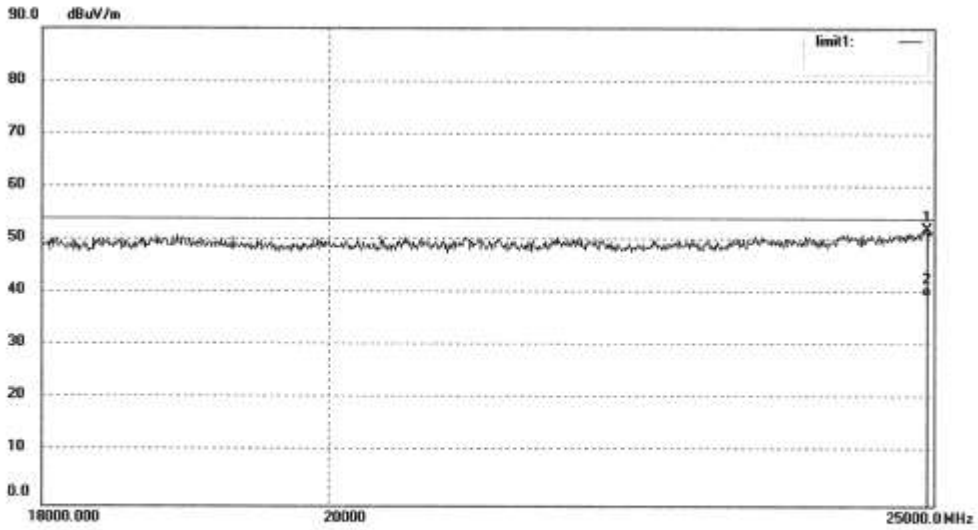
**ACCURATE TECHNOLOGY CO., LTD.**

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.: PHY #1357 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/26/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 20/38/31 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2480MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: BDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24942.463 | 33.23 | 18.82 | 52.05 | 74.00 | -21.95 | peak | | | |
| 2 | 24942.463 | 20.65 | 18.82 | 39.47 | 54.00 | -14.53 | AVG | | | |

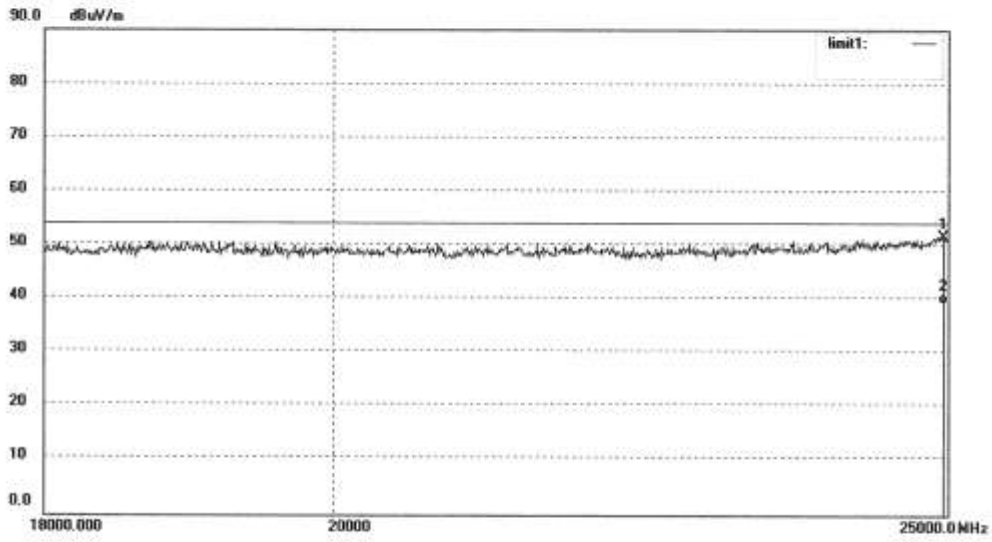
**Figure 69 Test plot of Transmitter spurious emissions, BDR, high Channel, 18GHz-25GHz, Vertical**

ATC®
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.: PHY #1358
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2480MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Vertical
Power Source: DC 5V
Date: 14/04/26/
Time: 20/46/47
Engineer Signature: PEI
Distance: 3m

Note: BDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24967.105 | 32.84 | 18.85 | 51.69 | 74.00 | -22.31 | peak | | | |
| 2 | 24967.105 | 20.42 | 18.85 | 39.27 | 54.00 | -14.73 | AVG | | | |

**Figure 70 Test plot of Transmitter spurious emissions, EDR, low Channel, 30MHz-1GHz, Horizontal**

ATC®

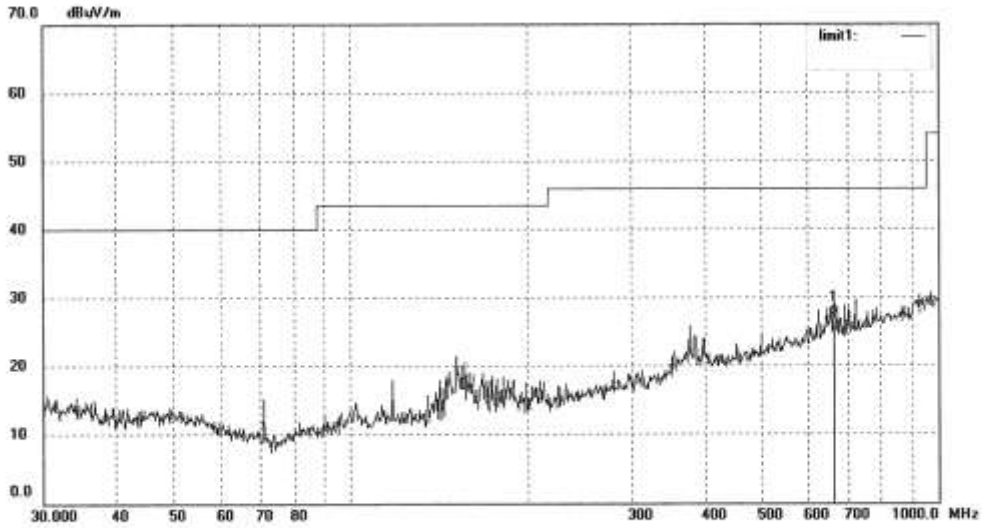
**ACCURATE TECHNOLOGY CO., LTD.**

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.: PHY #1372 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/26/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 22/56/54 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2402MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: EDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 664.1586 | 29.60 | -2.21 | 27.39 | 46.00 | -18.61 | QP | | | |

**Figure 71 Test plot of Transmitter spurious emissions, EDR, low Channel, 30MHz-1GHz, Vertical**

ATC®

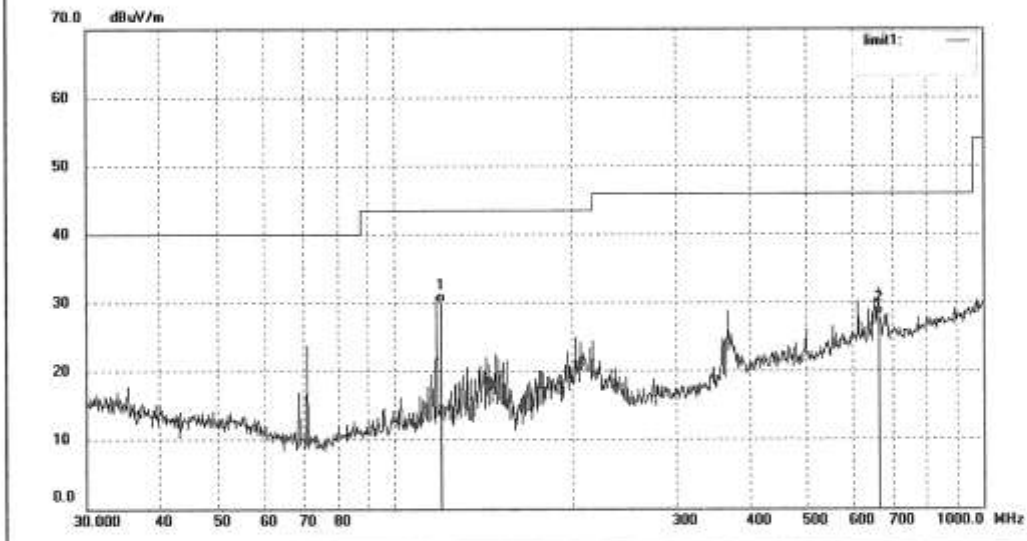
**ACCURATE TECHNOLOGY CO., LTD.**

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.: PHY #1371 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/26/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 22/47/56 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2402MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: EDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 119.9980 | 43.11 | -13.14 | 29.97 | 43.50 | -13.53 | QP | | | |
| 2 | 663.9876 | 30.24 | -2.21 | 28.03 | 46.00 | -17.97 | QP | | | |

**Figure 72 Test plot of Transmitter spurious emissions, EDR, middle Channel, 30MHz-1GHz, Horizontal**

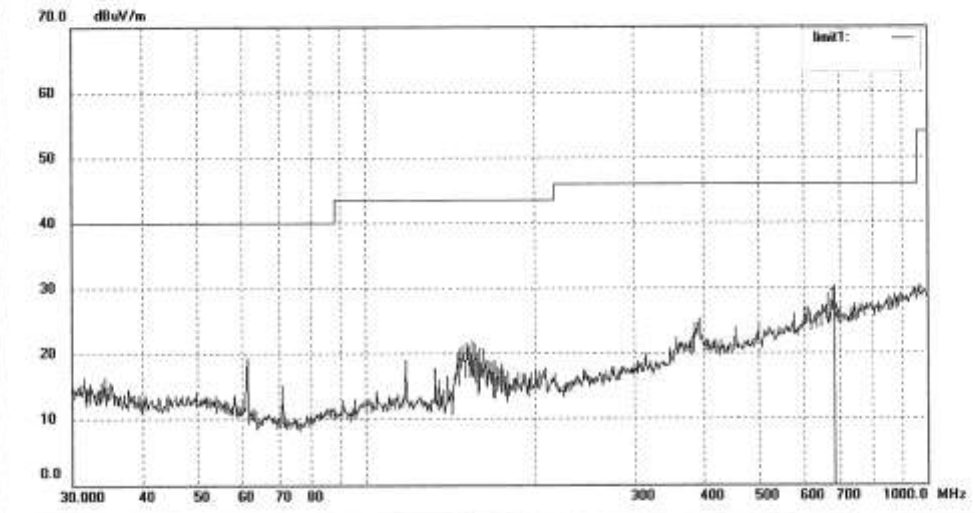
ATC®

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.: PHY #1373 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/26/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 23/05/48 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2441MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: EDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 684.2259 | 28.27 | -1.97 | 26.30 | 46.00 | -19.70 | QP | | | |

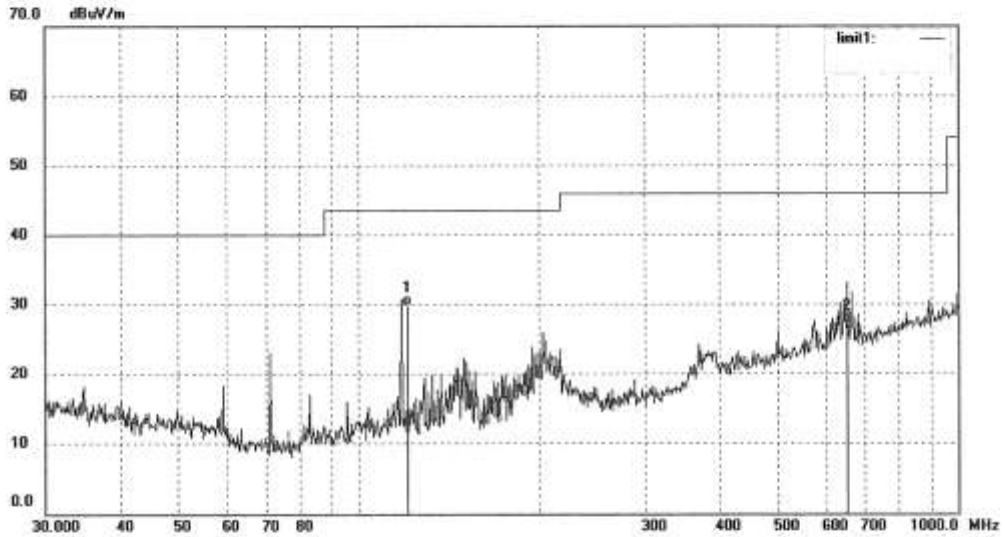
**Figure 73 Test plot of Transmitter spurious emissions, EDR, middle Channel, 30MHz-1GHz, Vertical**

ATC®
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.: PHY #1374
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2441MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Vertical
Power Source: DC 5V
Date: 14/04/26/
Time: 23/15/13
Engineer Signature: PEI
Distance: 3m

Note: EDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 119.9910 | 42.94 | -13.14 | 29.80 | 43.50 | -13.70 | QP | | | |
| 2 | 651.5049 | 29.63 | -2.41 | 27.22 | 46.00 | -18.78 | QP | | | |

**Figure 74 Test plot of Transmitter spurious emissions, EDR, high Channel, 30MHz-1GHz, Horizontal**

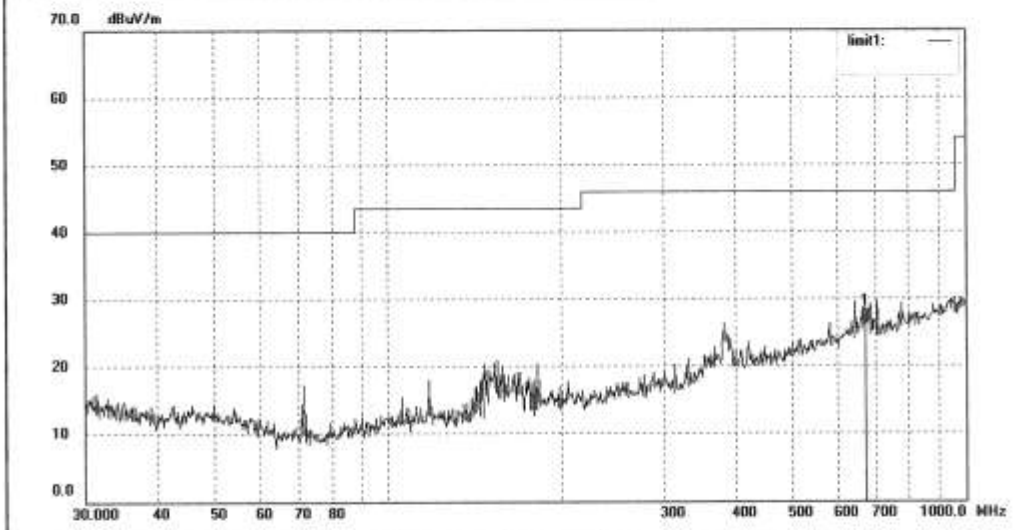
ATC®

**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.: PHY #1376 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/26/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 23/23/17 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2480MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: EDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 669.9523 | 29.15 | -2.14 | 27.01 | 46.00 | -18.99 | QP | | | |

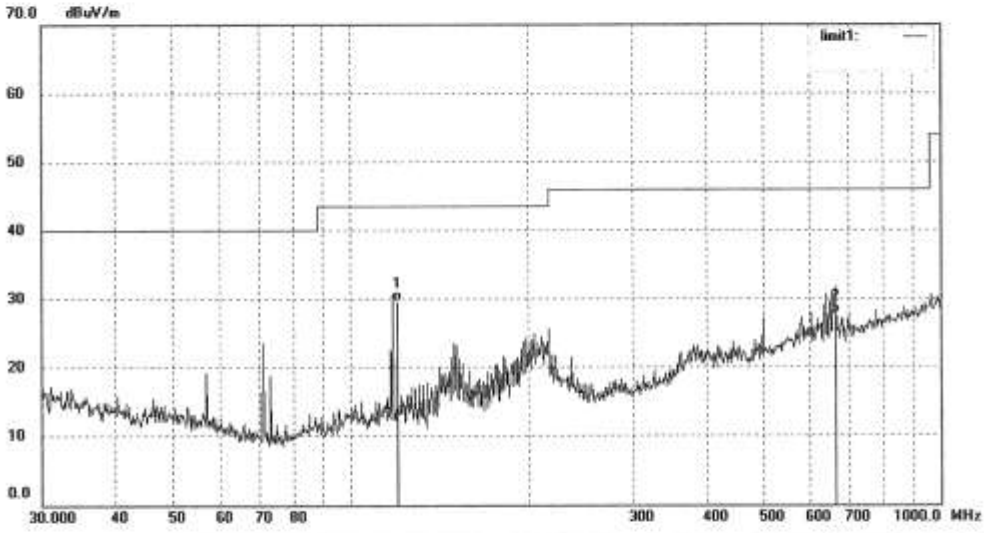
**Figure 75 Test plot of Transmitter spurious emissions, EDR, high Channel, 30MHz-1GHz, Vertical**

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.: PHY #1375
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2480MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Vertical
Power Source: DC 5V
Date: 14/04/26/
Time: 23/24/04
Engineer Signature: PEI
Distance: 3m

Note: EDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 120.0075 | 42.84 | -13.14 | 29.70 | 43.50 | -13.80 | QP | | | |
| 2 | 660.6587 | 29.93 | -2.24 | 27.69 | 46.00 | -18.31 | QP | | | |

**Figure 76 Test plot of Transmitter spurious emissions, EDR, low Channel, 1GHz-18GHz, Horizontal**

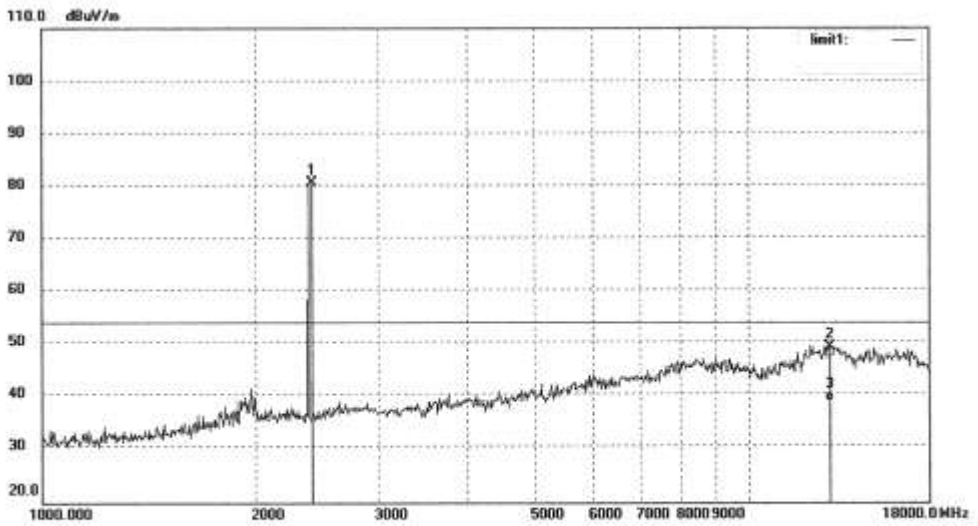
ATC®

**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.: PHY #1316 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/25/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 11/05/40 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2402MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: EDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2402.000 | 88.18 | -7.45 | 80.73 | / | / | peak | | | |
| 2 | 13030.319 | 10.42 | 39.04 | 49.46 | 74.00 | -24.54 | peak | | | |
| 3 | 13030.319 | -0.09 | 39.04 | 38.95 | 54.00 | -15.05 | AVG | | | |

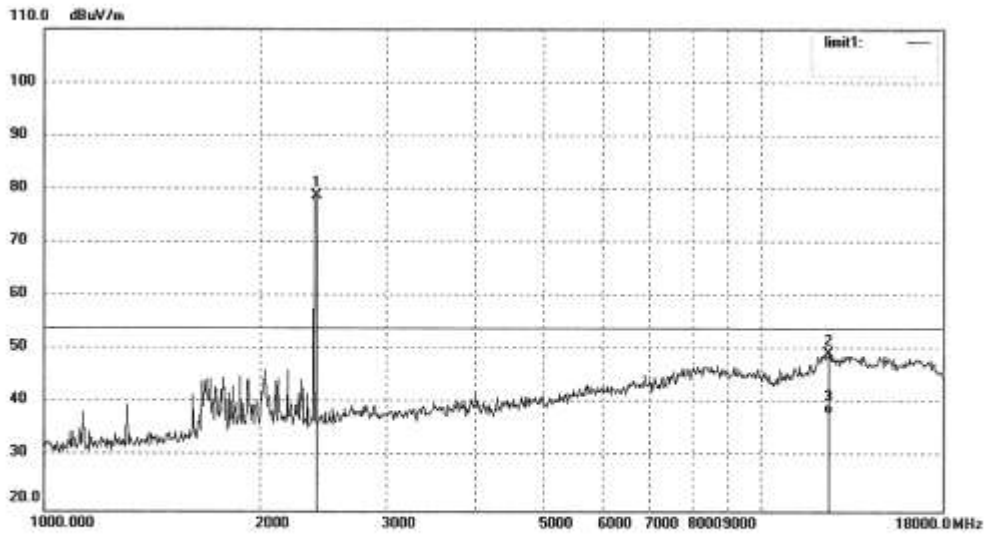
**Figure 77 Test plot of Transmitter spurious emissions, EDR, low Channel, 1GHz-18GHz, Vertical**

ATC®
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.: PHY #1315
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2402MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Vertical
Power Source: DC 5V
Date: 14/04/25/
Time: 10/54/55
Engineer Signature: PEI
Distance: 3m

Note: EDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2402.000 | 86.22 | -7.45 | 78.77 | / | / | peak | | | |
| 2 | 12473.640 | 10.98 | 38.37 | 49.35 | 74.00 | -24.65 | peak | | | |
| 3 | 12473.640 | -0.21 | 38.37 | 38.16 | 54.00 | -15.84 | AVG | | | |

**Figure 78 Test plot of Transmitter spurious emissions, EDR, middle Channel, 1GHz-18GHz, Horizontal**

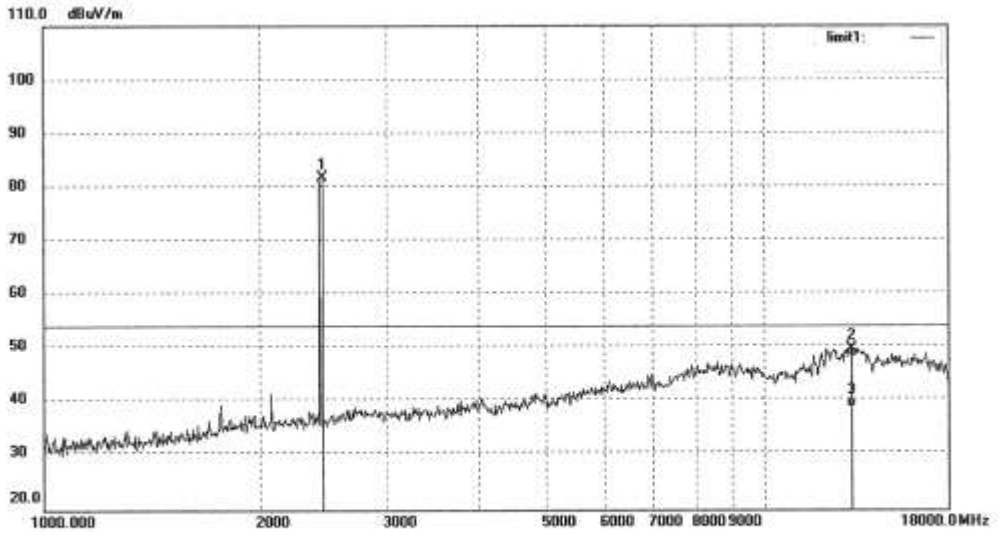
ATC®

**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.: PHY #1320 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/25/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 11/52/15 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2441MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: EDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2441.000 | 89.17 | -7.35 | 81.82 | / | / | peak | | | |
| 2 | 13259.885 | 10.57 | 39.31 | 49.88 | 74.00 | -24.12 | peak | | | |
| 3 | 13259.885 | -0.63 | 39.31 | 38.68 | 54.00 | -15.32 | AVG | | | |

**Figure 79 Test plot of Transmitter spurious emissions, EDR, middle Channel, 1GHz-18GHz, Vertical**

ATC®

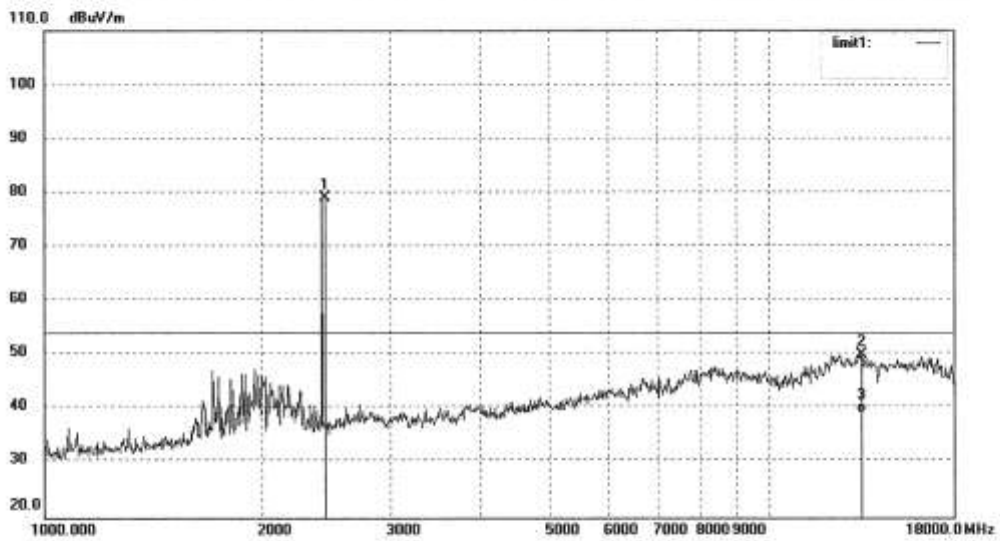
**ACCURATE TECHNOLOGY CO., LTD.**

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.: PHY #1319 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/25/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 11/40/01 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2441MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: EDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2441.000 | 86.31 | -7.35 | 78.96 | / | / | peak | | | |
| 2 | 13454.277 | 10.49 | 39.55 | 50.04 | 74.00 | -23.96 | peak | | | |
| 3 | 13454.277 | -0.27 | 39.55 | 39.28 | 54.00 | -14.72 | AVG | | | |

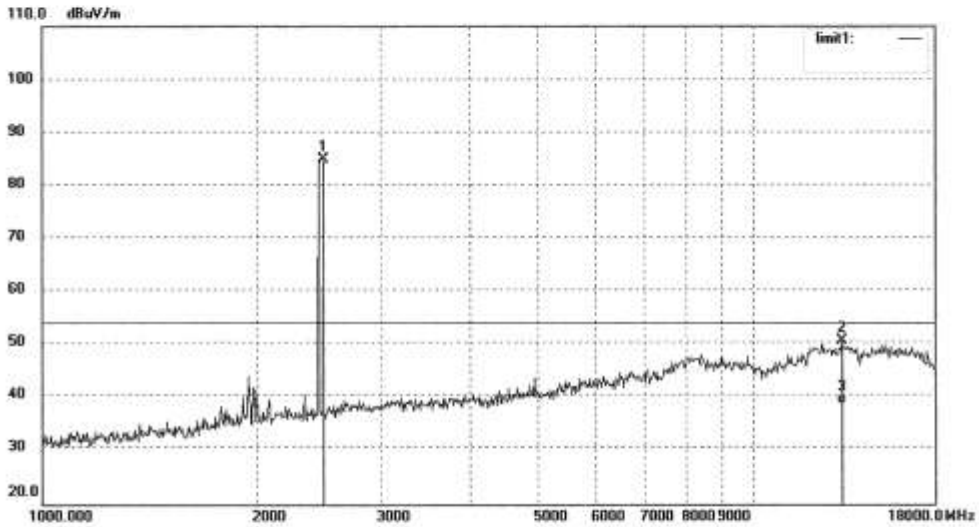
**Figure 80 Test plot of Transmitter spurious emissions, EDR, high Channel, 1GHz-18GHz, Horizontal**

ATC®
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.: PHY #1321
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2480MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Horizontal
Power Source: DC 5V
Date: 14/04/26/
Time: 14/50/29
Engineer Signature: PEI
Distance: 3m

Note: EDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2480.000 | 92.29 | -7.37 | 84.92 | / | / | peak | | | |
| 2 | 13337.303 | 11.29 | 39.40 | 50.69 | 74.00 | -23.31 | peak | | | |
| 3 | 13337.303 | -0.69 | 39.40 | 38.71 | 54.00 | -15.29 | AVG | | | |

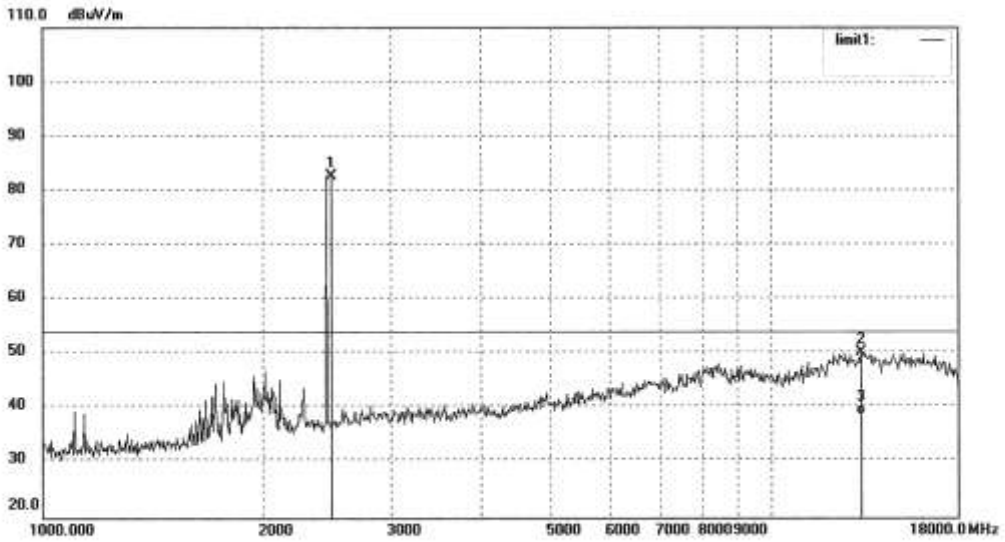
**Figure 81 Test plot of Transmitter spurious emissions, EDR, high Channel, 1GHz-18GHz, Vertical**

ATC®
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.: PHY #1322
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2480MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Vertical
Power Source: DC 5V
Date: 14/04/26/
Time: 15/02/52
Engineer Signature: PEI
Distance: 3m

Note: EDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2480.000 | 89.94 | -7.37 | 82.57 | / | / | peak | | | |
| 2 | 13298.538 | 10.96 | 39.36 | 50.32 | 74.00 | -23.68 | peak | | | |
| 3 | 13298.538 | -0.56 | 39.36 | 38.80 | 54.00 | -15.20 | AVG | | | |

**Figure 82 Test plot of Transmitter spurious emissions, EDR, low Channel, 18GHz-25GHz, Horizontal**

ATC®

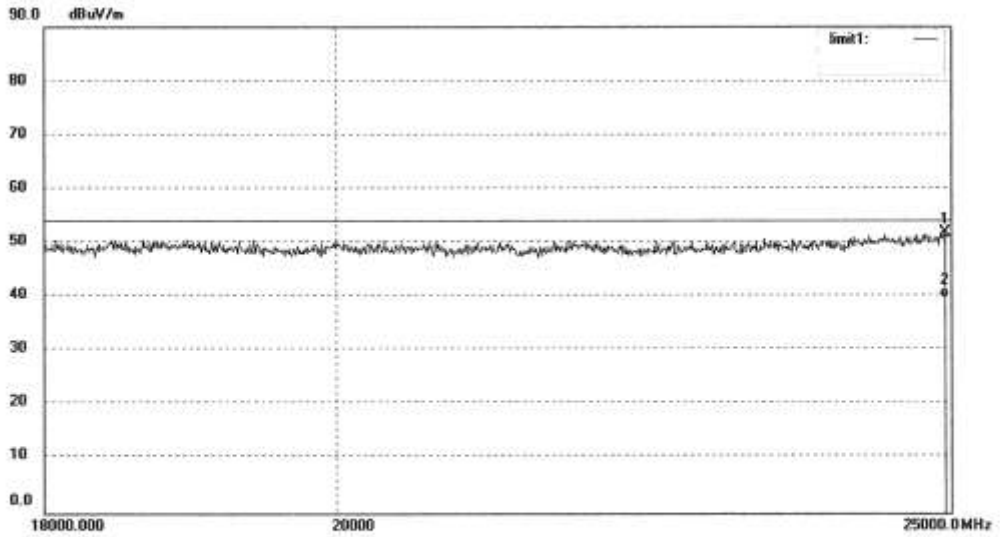
**ACCURATE TECHNOLOGY CO., LTD.**

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.: PHY #1348 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/26/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 19/20/09 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2402MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: EDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24950.674 | 33.05 | 18.83 | 51.88 | 74.00 | -22.12 | peak | | | |
| 2 | 24950.674 | 20.79 | 18.83 | 39.62 | 54.00 | -14.38 | AVG | | | |

**Figure 83 Test plot of Transmitter spurious emissions, EDR, low Channel, 18GHz-25GHz, Vertical**

ATC®

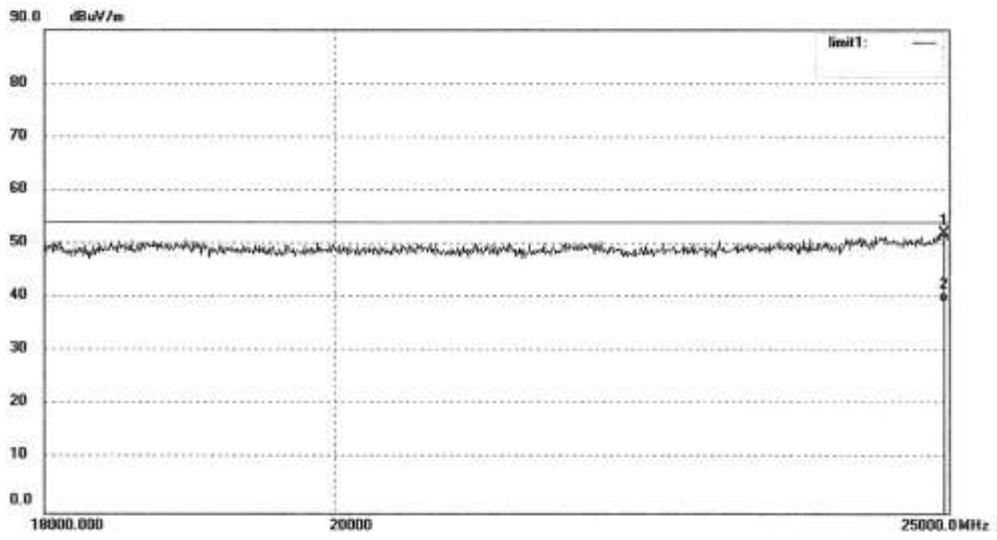
**ACCURATE TECHNOLOGY CO., LTD.**

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.: PHY #1347 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/26/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 19/12/28 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2402MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: EDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24967.105 | 33.18 | 18.85 | 52.03 | 74.00 | -21.97 | peak | | | |
| 2 | 24967.105 | 20.48 | 18.85 | 39.33 | 54.00 | -14.67 | AVG | | | |

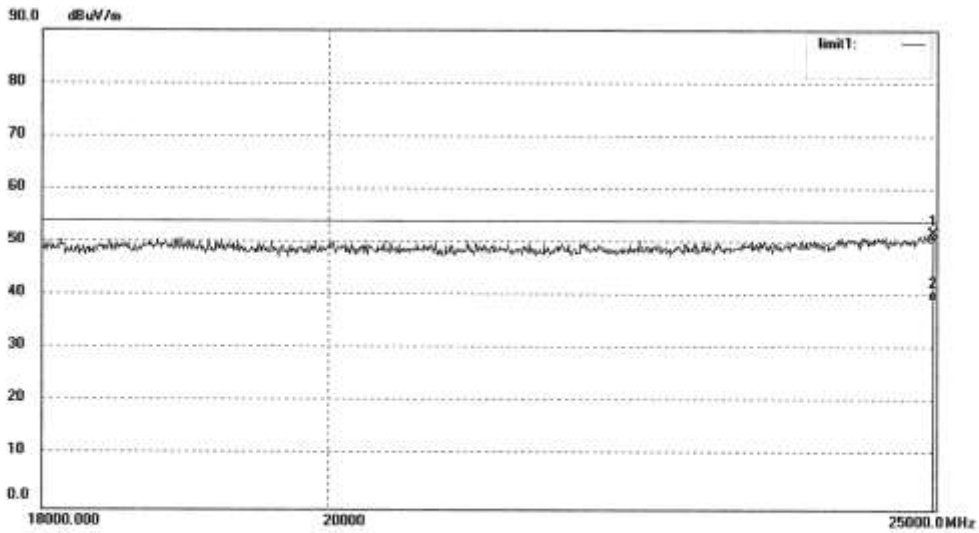
**Figure 84 Test plot of Transmitter spurious emissions, EDR, middle Channel, 18GHz-25GHz, Horizontal**

ATC®
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.: PHY #1349
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2441MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Horizontal
Power Source: DC 5V
Date: 14/04/26/
Time: 19/27/48
Engineer Signature: PEI
Distance: 3m

Note: EDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24975.325 | 33.00 | 18.87 | 51.87 | 74.00 | -22.13 | peak | | | |
| 2 | 24975.325 | 20.50 | 18.87 | 39.37 | 54.00 | -14.63 | AVG | | | |

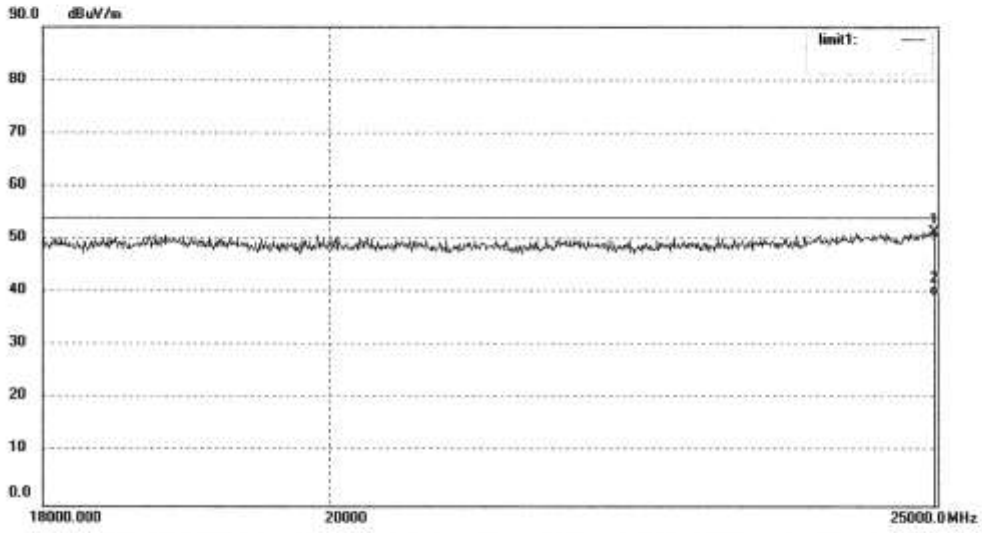
**Figure 85 Test plot of Transmitter spurious emissions, EDR, middle Channel, 18GHz-25GHz, Vertical**

ATC®
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.: PHY #1350
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2441MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Vertical
Power Source: DC 5V
Date: 14/04/26/
Time: 19/36/55
Engineer Signature: PEI
Distance: 3m

Note: EDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24975.325 | 32.63 | 18.87 | 51.50 | 74.00 | -22.50 | peak | | | |
| 2 | 24975.325 | 20.54 | 18.87 | 39.41 | 54.00 | -14.59 | AVG | | | |

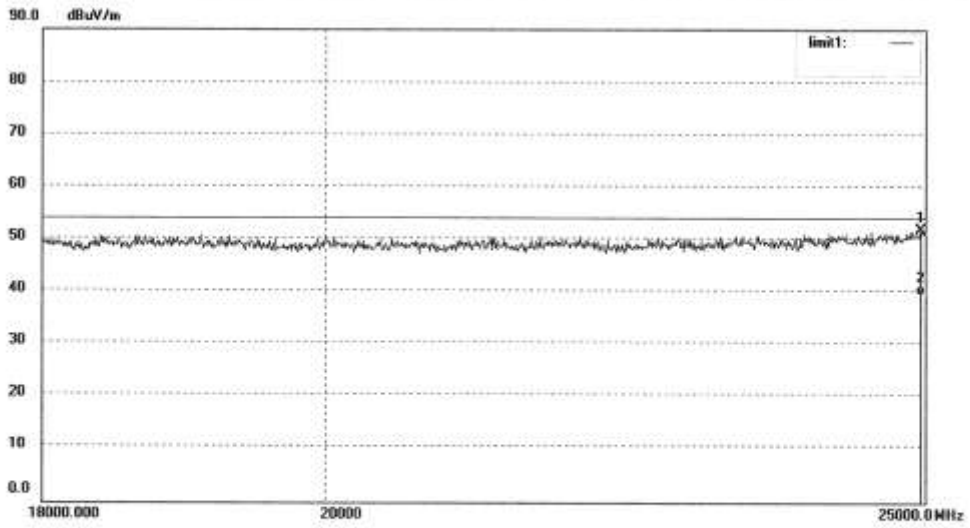
**Figure 86 Test plot of Transmitter spurious emissions, EDR, high Channel, 18GHz-25GHz, Horizontal**

ATC®
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.: PHY #1352
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2480MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Horizontal
Power Source: DC 5V
Date: 14/04/26/
Time: 19/53/37
Engineer Signature: PEI
Distance: 3m

Note: EDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24958.889 | 33.12 | 18.84 | 51.96 | 74.00 | -22.04 | peak | | | |
| 2 | 24958.889 | 20.67 | 18.84 | 39.51 | 54.00 | -14.49 | AVG | | | |

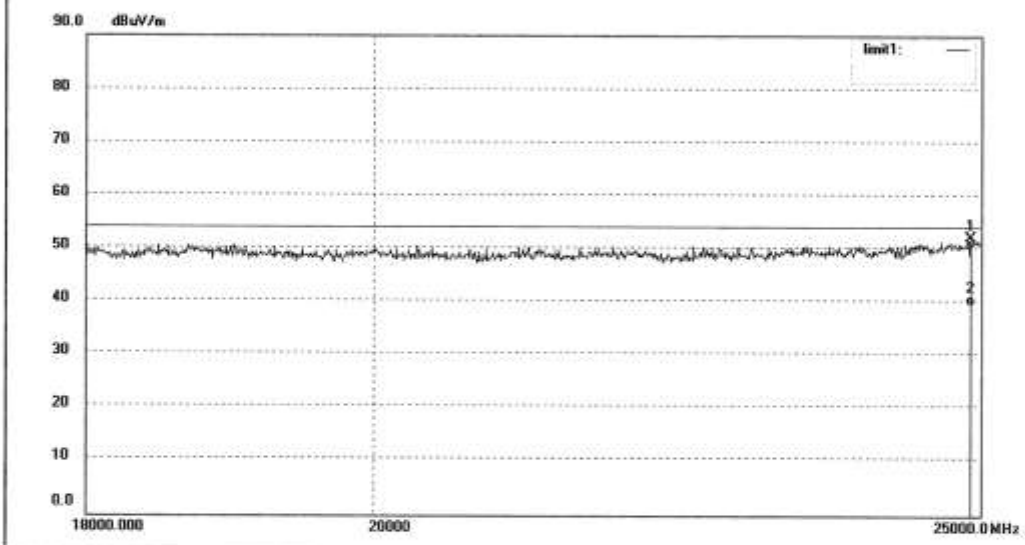
**Figure 87 Test plot of Transmitter spurious emissions, EDR, high Channel, 18GHz-25GHz, Vertical**

ATC®
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.: PHY #1351
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2480MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Vertical
Power Source: DC 5V
Date: 14/04/26/
Time: 19/45/11
Engineer Signature: PEI
Distance: 3m

Note: EDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24909.644 | 33.29 | 18.77 | 52.06 | 74.00 | -21.94 | peak | | | |
| 2 | 24909.644 | 20.64 | 18.77 | 39.41 | 54.00 | -14.59 | AVG | | | |

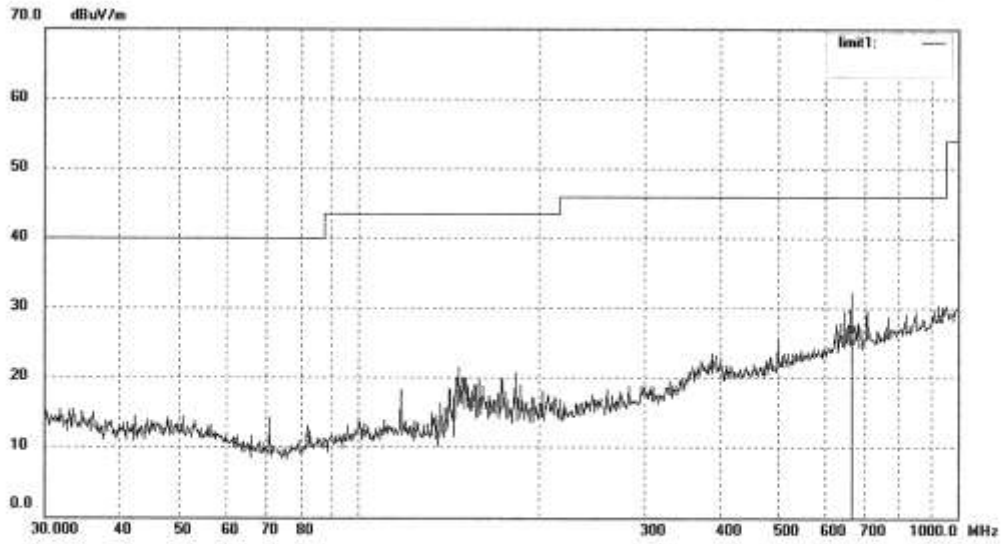
**Figure 88 Test plot of Transmitter spurious emissions, LE, low Channel, 30MHz-1GHz, Horizontal**

ATC®
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.: PHY #1377
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2402MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Horizontal
Power Source: DC 5V
Date: 14/04/26/
Time: 23/32/38
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 663.7688 | 28.53 | -2.21 | 26.32 | 46.00 | -19.68 | QP | | | |

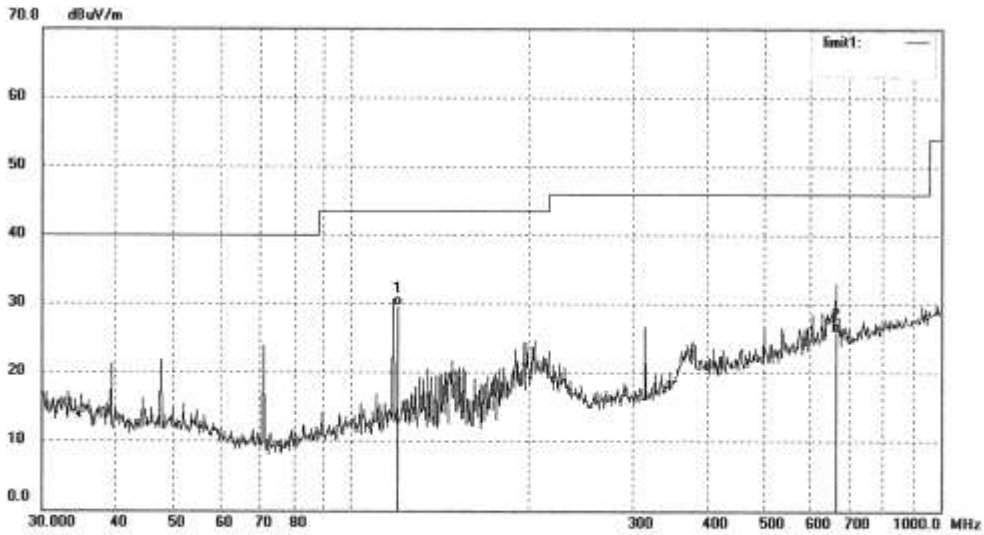
**Figure 89 Test plot of Transmitter spurious emissions, LE, low Channel, 30MHz-1GHz, Vertical**

ATC®
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.: PHY #1378
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2402MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Vertical
Power Source: DC 5V
Date: 14/04/26/
Time: 23/41/13
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 119.9990 | 42.88 | -13.14 | 29.74 | 43.50 | -13.76 | QP | | | |
| 2 | 664.0584 | 28.22 | -2.21 | 26.01 | 46.00 | -19.99 | QP | | | |

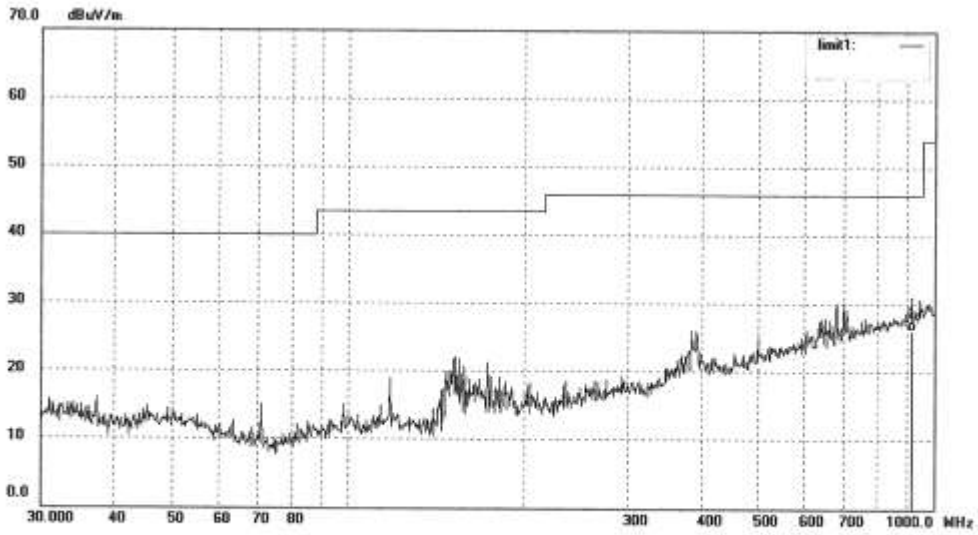
**Figure 90 Test plot of Transmitter spurious emissions, LE, middle Channel, 30MHz-1GHz, Horizontal**

ATC®
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.: PHY #1380
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2440MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Horizontal
Power Source: DC 5V
Date: 14/04/26/
Time: 23/59/44
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 915.9078 | 24.62 | 1.47 | 26.09 | 46.00 | -19.91 | QP | | | |

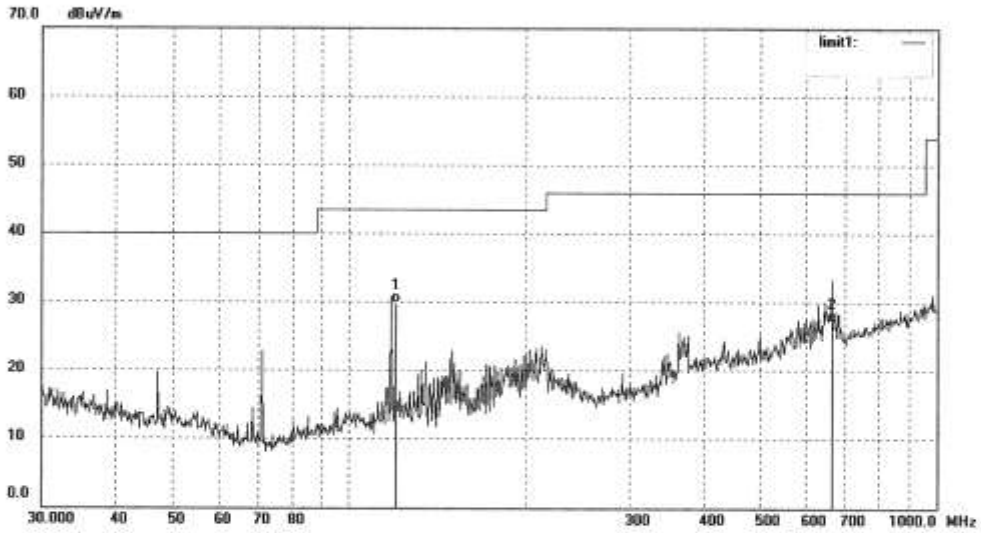
**Figure 91 Test plot of Transmitter spurious emissions, LE, middle Channel, 30MHz-1GHz, Vertical**

ATC®
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.: PHY #1379
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2440MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Vertical
Power Source: DC 5V
Date: 14/04/26/
Time: 23/50/27
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 120.0055 | 42.91 | -13.14 | 29.77 | 43.50 | -13.73 | QP | | | |
| 2 | 664.3528 | 29.48 | -2.21 | 27.27 | 46.00 | -18.73 | QP | | | |

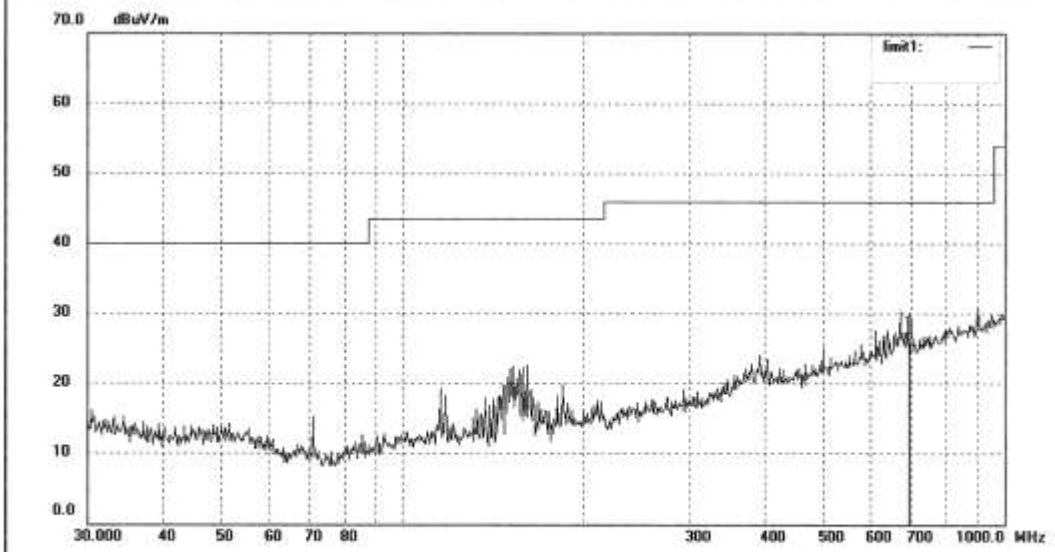
**Figure 92 Test plot of Transmitter spurious emissions, LE, high Channel, 30MHz-1GHz, Horizontal**

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.: PHY #1381
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2480MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Horizontal
Power Source: DC 5V
Date: 14/04/27/
Time: 0/09/00
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 698.2585 | 27.93 | -1.80 | 26.13 | 46.00 | -19.87 | QP | | | |

**Figure 93 Test plot of Transmitter spurious emissions, LE, high Channel, 30MHz-1GHz, Vertical**

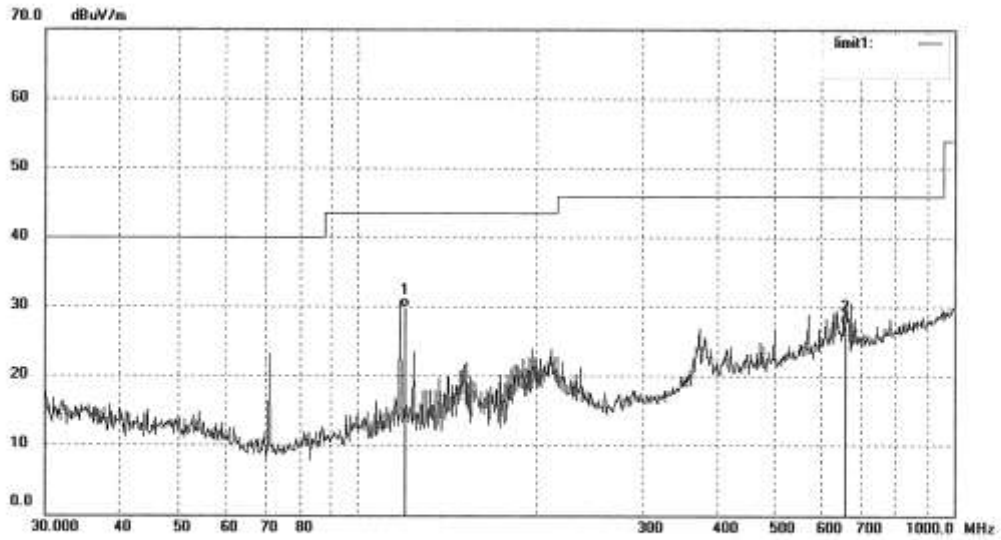
ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #1382
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2480MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Vertical
Power Source: DC 5V
Date: 14/04/27/
Time: 0/18/49
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 119.9950 | 42.98 | -13.14 | 29.84 | 43.50 | -13.66 | QP | | | |
| 2 | 658.2854 | 29.82 | -2.28 | 27.54 | 46.00 | -18.46 | QP | | | |

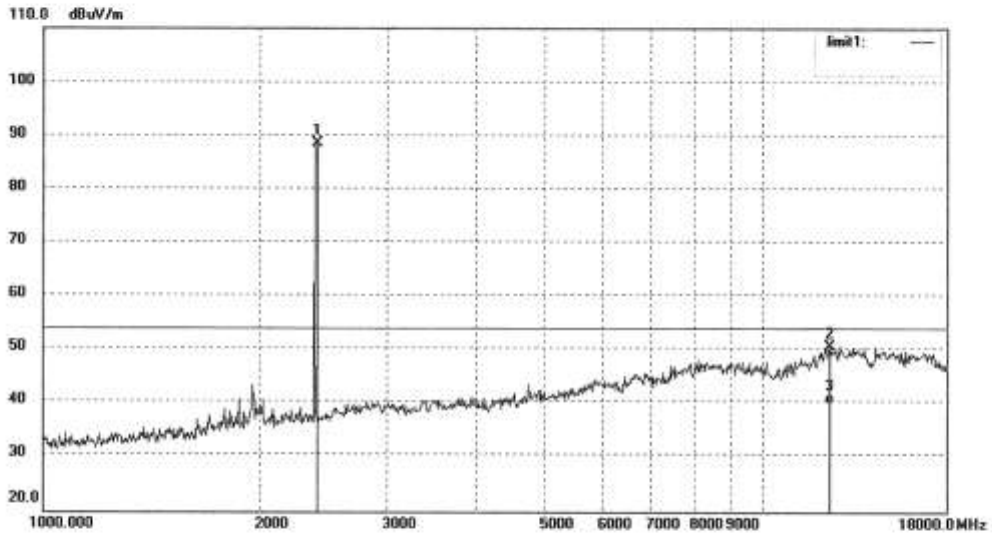
**Figure 94 Test plot of Transmitter spurious emissions, LE, low Channel, 1GHz-18GHz, Horizontal**

ATC®
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.: PHY #1325
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2402MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Horizontal
Power Source: DC 5V
Date: 14/04/26/
Time: 15/37/14
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2402.000 | 95.90 | -7.45 | 88.45 | / | / | peak | | | |
| 2 | 12401.236 | 12.40 | 38.30 | 50.70 | 74.00 | -23.30 | peak | | | |
| 3 | 12401.236 | 1.78 | 38.30 | 40.08 | 54.00 | -13.92 | AVG | | | |

**Figure 95 Test plot of Transmitter spurious emissions, LE, low Channel, 1GHz-18GHz, Vertical**

ATC®

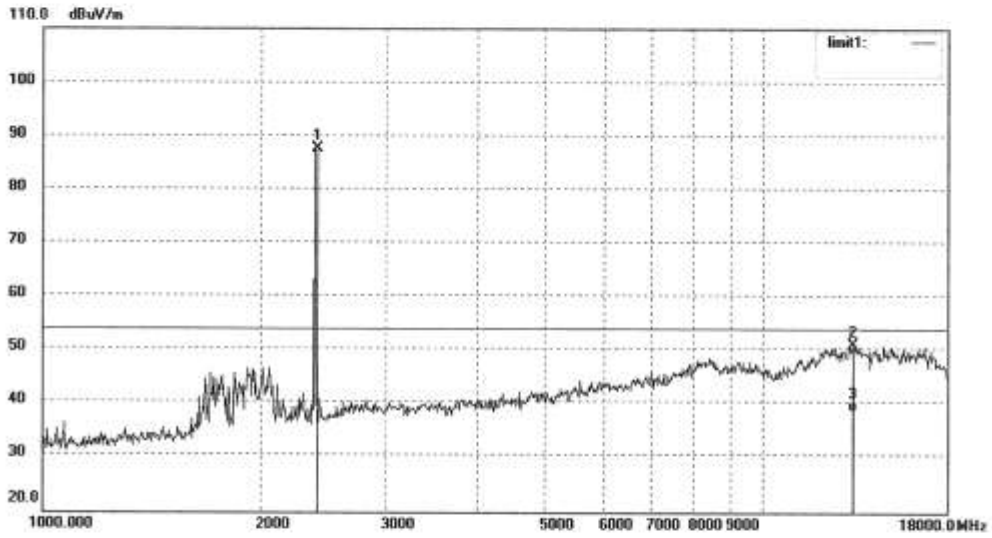
**ACCURATE TECHNOLOGY CO., LTD.**

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.: PHY #1326 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/26/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 15/49/38 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2402MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: Bluetooth 4.0




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2402.000 | 95.01 | -7.45 | 87.56 | / | / | peak | | | |
| 2 | 13337.303 | 11.72 | 39.40 | 51.12 | 74.00 | -22.88 | peak | | | |
| 3 | 13337.303 | -0.56 | 39.40 | 38.84 | 54.00 | -15.16 | AVG | | | |

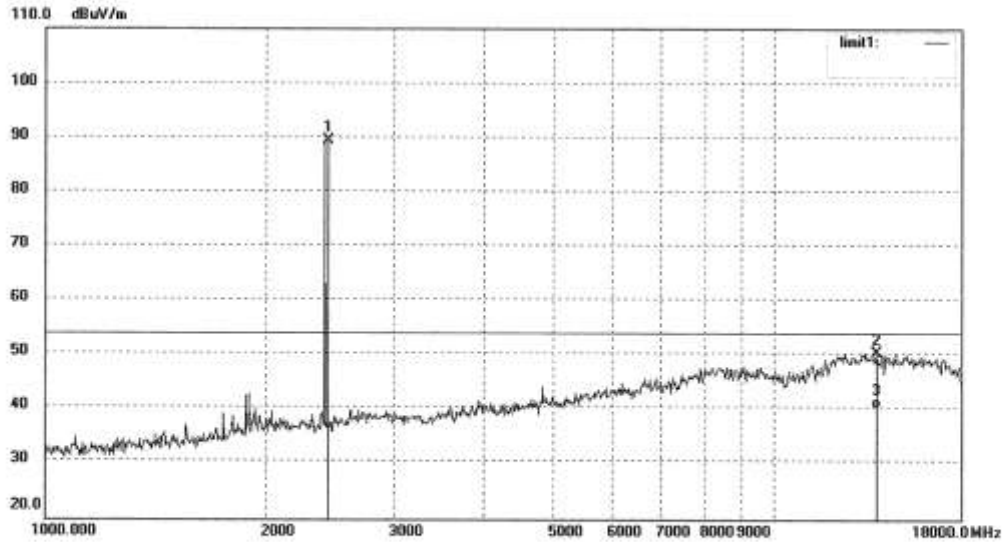
**Figure 96 Test plot of Transmitter spurious emissions, LE, middle Channel, 1GHz-18GHz, Horizontal**

ATC®
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.: PHY #1329
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2440MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Horizontal
Power Source: DC 5V
Date: 14/04/26/
Time: 16/22/19
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2440.000 | 96.72 | -7.36 | 89.36 | / | / | peak | | | |
| 2 | 13811.392 | 10.41 | 40.10 | 50.51 | 74.00 | -23.49 | peak | | | |
| 3 | 13811.392 | 0.27 | 40.10 | 40.37 | 54.00 | -13.63 | AVG | | | |

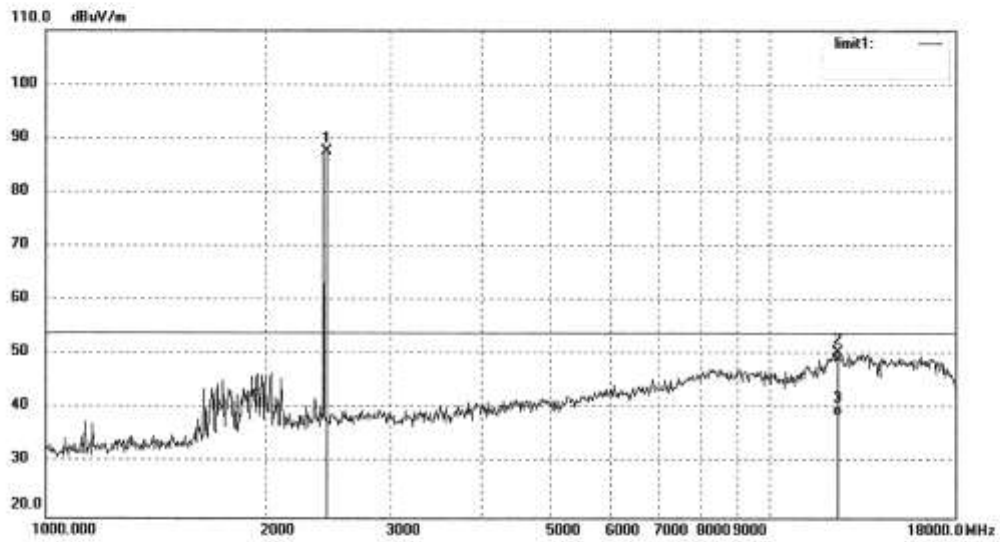
**Figure 97 Test plot of Transmitter spurious emissions, LE, middle Channel, 1GHz-18GHz, Vertical**

ATC®
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.: PHY #1330
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2440MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Vertical
Power Source: DC 5V
Date: 14/04/26/
Time: 16/34/34
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2440.000 | 94.91 | -7.36 | 87.55 | / | / | peak | | | |
| 2 | 12401.236 | 12.26 | 38.30 | 50.56 | 74.00 | -23.44 | peak | | | |
| 3 | 12401.236 | 0.56 | 38.30 | 38.86 | 54.00 | -15.14 | AVG | | | |

**Figure 98 Test plot of Transmitter spurious emissions, LE, high Channel, 1GHz-18GHz, Horizontal**

ATC®

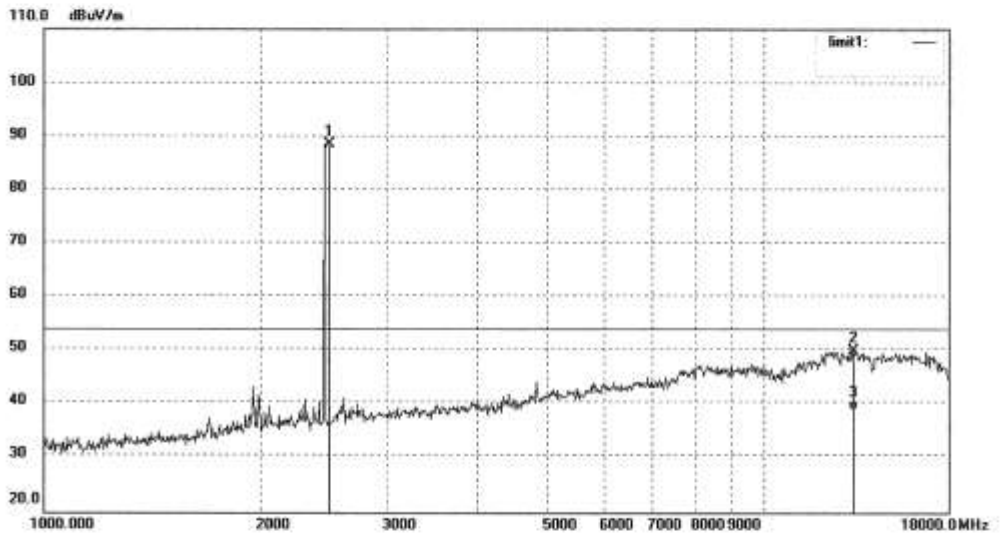
**ACCURATE TECHNOLOGY CO., LTD.**

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.: PHY #1332 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/26/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 16/56/31 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2480MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: Bluetooth 4.0




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2480.000 | 95.89 | -7.37 | 88.52 | / | / | peak | | | |
| 2 | 13298.538 | 10.78 | 39.36 | 50.14 | 74.00 | -23.86 | peak | | | |
| 3 | 13298.538 | -0.41 | 39.36 | 38.95 | 54.00 | -15.05 | AVG | | | |

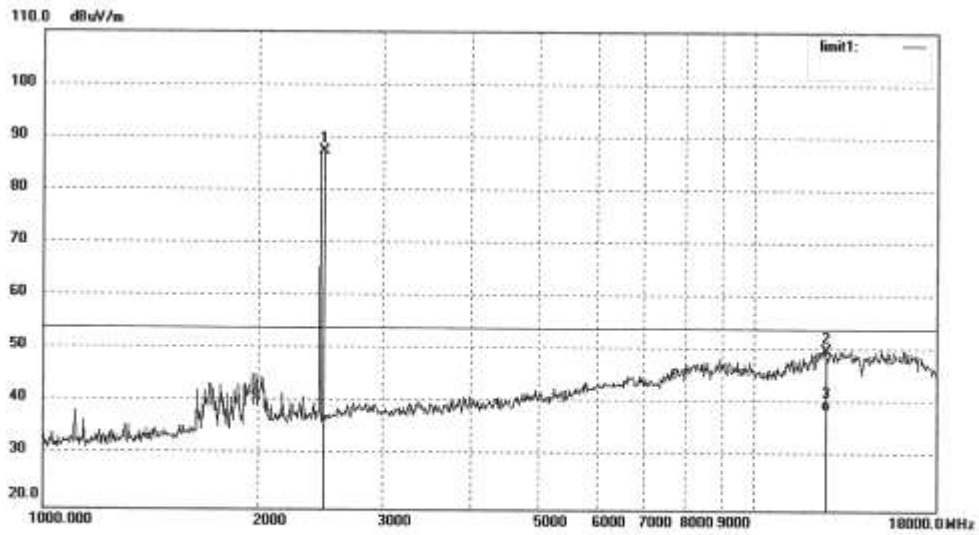
**Figure 99 Test plot of Transmitter spurious emissions, LE, high Channel, 1GHz-18GHz, Vertical**

ATC®
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.: PHY #1331
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2480MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Vertical
Power Source: DC 5V
Date: 14/04/26/
Time: 16/45/54
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2480.000 | 94.78 | -7.37 | 87.41 | / | / | peak | | | |
| 2 | 12583.040 | 11.64 | 38.50 | 50.14 | 74.00 | -23.86 | peak | | | |
| 3 | 12583.040 | 0.23 | 38.50 | 38.73 | 54.00 | -15.27 | AVG | | | |

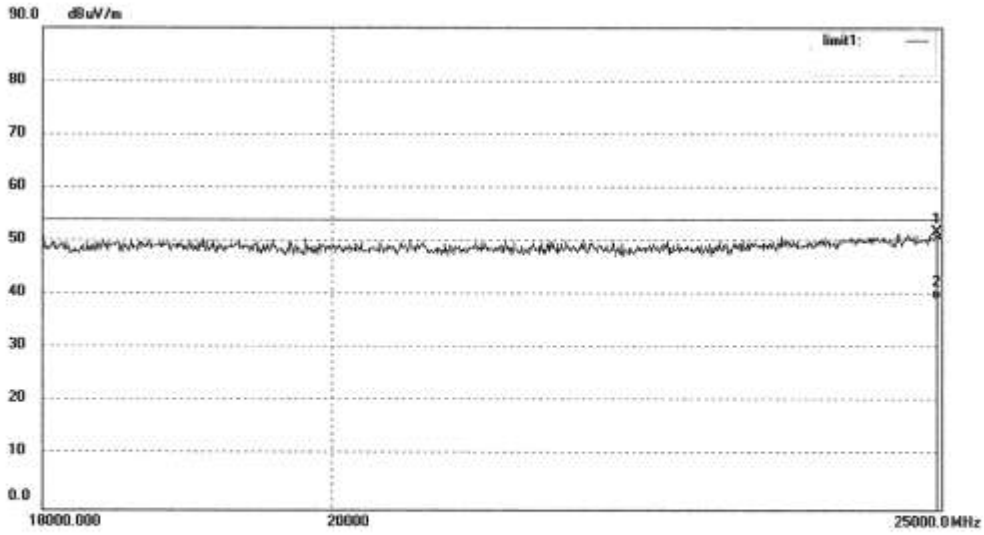
**Figure 100 Test plot of Transmitter spurious emissions, LE, low Channel, 18GHz-25GHz, Horizontal**

ATC®
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.: PHY #1337
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2402MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Horizontal
Power Source: DC 5V
Date: 14/04/26/
Time: 17/44/34
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24959.401 | 33.05 | 18.84 | 51.89 | 74.00 | -22.11 | peak | | | |
| 2 | 24959.401 | 20.46 | 18.84 | 39.30 | 54.00 | -14.70 | AVG | | | |

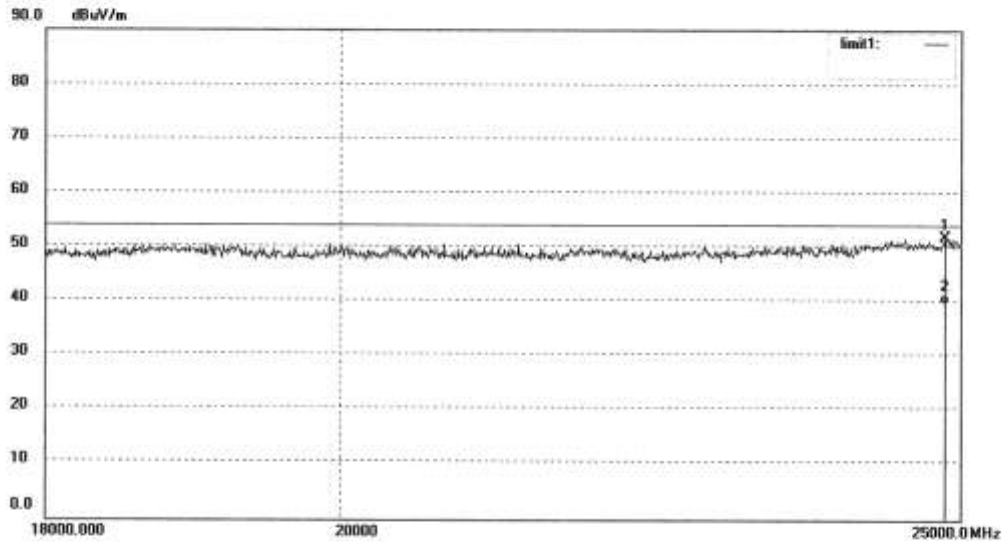
**Figure 101 Test plot of Transmitter spurious emissions, LE, low Channel, 18GHz-25GHz, Vertical**

ATC®
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.: PHY #1338
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2402MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Vertical
Power Source: DC 5V
Date: 14/04/26/
Time: 17/52/49
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24868.681 | 33.21 | 18.72 | 51.93 | 74.00 | -22.07 | peak | | | |
| 2 | 24868.681 | 20.96 | 18.72 | 39.68 | 54.00 | -14.32 | AVG | | | |

**Figure 102 Test plot of Transmitter spurious emissions, LE, middle Channel, 18GHz-25GHz, Horizontal**

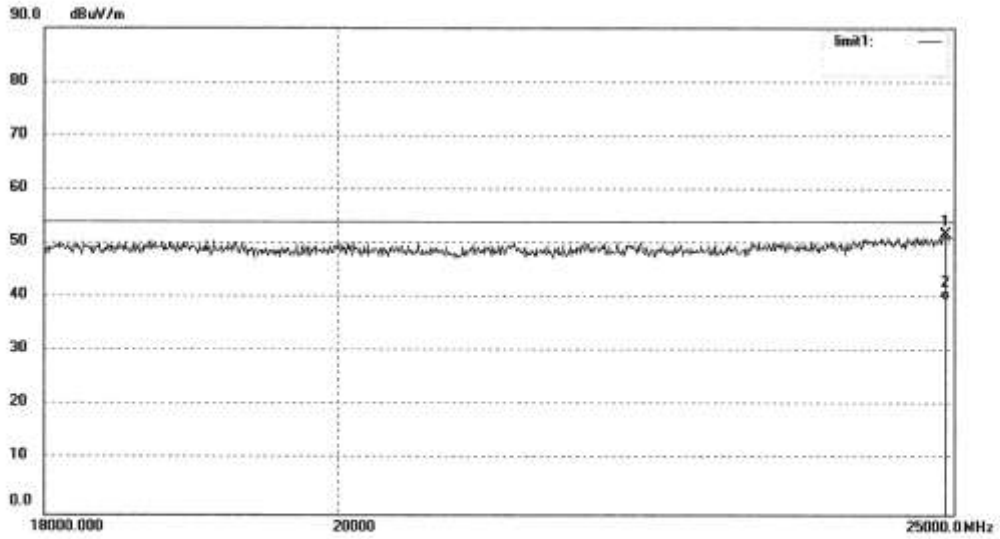
ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #1340
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2440MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Horizontal
Power Source: DC 5V
Date: 14/04/26/
Time: 18/10/05
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0



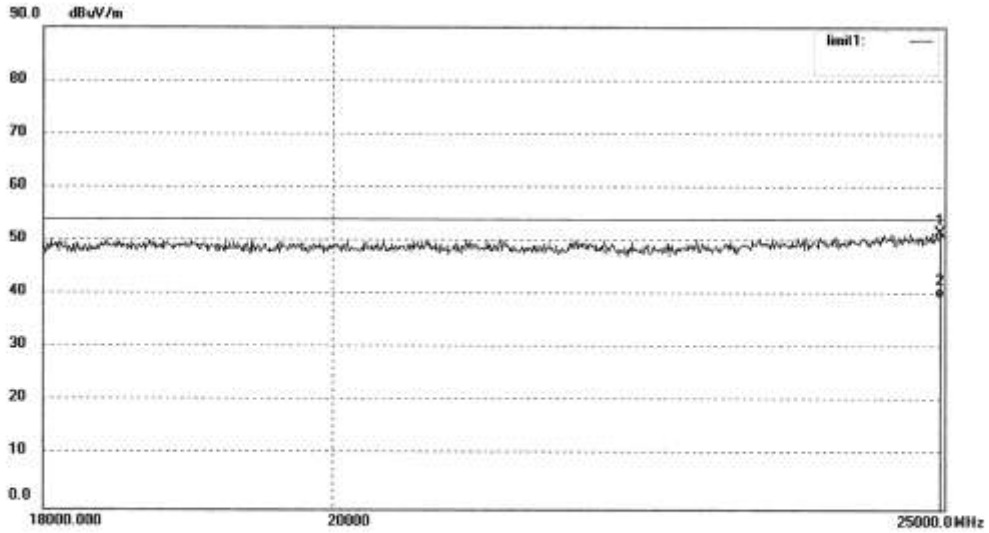

| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24926.048 | 33.07 | 18.80 | 51.87 | 74.00 | -22.13 | peak | | | |
| 2 | 24926.048 | 20.82 | 18.80 | 39.62 | 54.00 | -14.38 | AVG | | | |

**Figure 103 Test plot of Transmitter spurious emissions, LE, middle Channel, 18GHz-25GHz, Vertical**

ATC®
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.: PHY #1339 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/26/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 18/01/15 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2440MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: Bluetooth 4.0




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24958.889 | 32.74 | 18.84 | 51.58 | 74.00 | -22.42 | peak | | | |
| 2 | 24958.889 | 20.54 | 18.84 | 39.38 | 54.00 | -14.62 | AVG | | | |

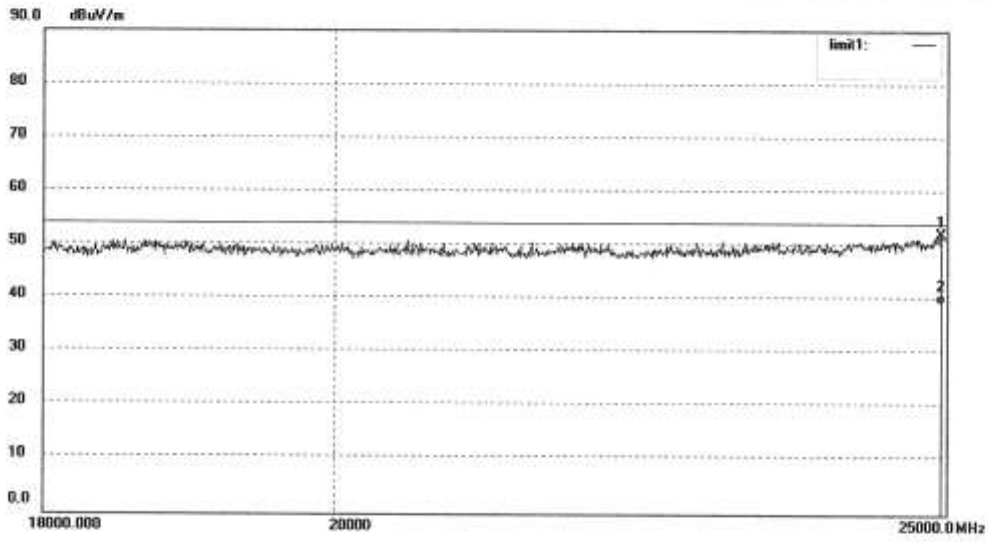
**Figure 104 Test plot of Transmitter spurious emissions, LE, high Channel, 18GHz-25GHz, Horizontal**

ATC®
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.: PHY #1341
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2480MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Horizontal
Power Source: DC 5V
Date: 14/04/26/
Time: 18/19/29
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24950.674 | 33.23 | 18.83 | 52.06 | 74.00 | -21.94 | peak | | | |
| 2 | 24950.674 | 20.40 | 18.83 | 39.23 | 54.00 | -14.77 | AVG | | | |

**Figure 105 Test plot of Transmitter spurious emissions, LE, high Channel, 18GHz-25GHz, Vertical**

ATC®

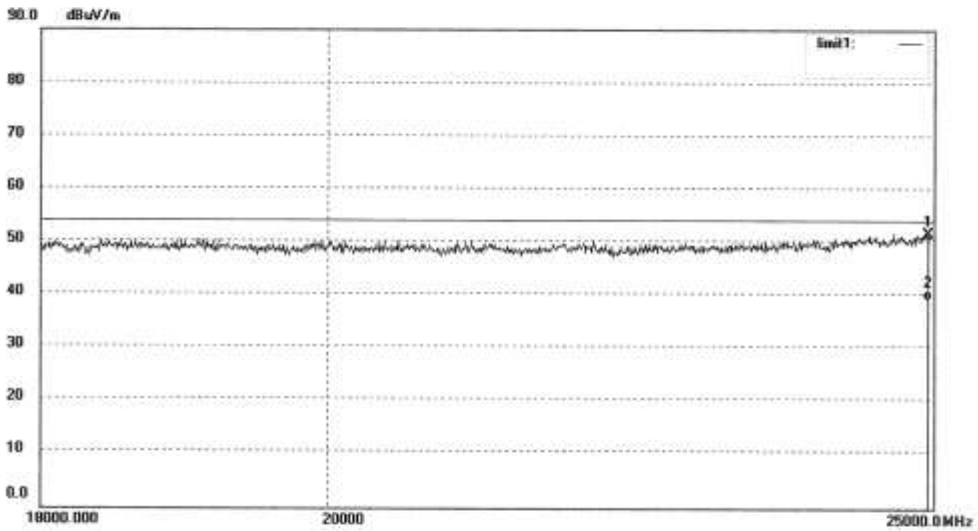
**ACCURATE TECHNOLOGY CO., LTD.**

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.: PHY #1342 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/26/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 18/27/31 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2480MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: Bluetooth 4.0




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24950.869 | 32.77 | 18.83 | 51.60 | 74.00 | -22.40 | peak | | | |
| 2 | 24950.869 | 20.48 | 18.83 | 39.31 | 54.00 | -14.69 | AVG | | | |

**Figure 106 Test plot of Transmitter spurious emissions, upper band edge, BDR, Horizontal**

ATC®

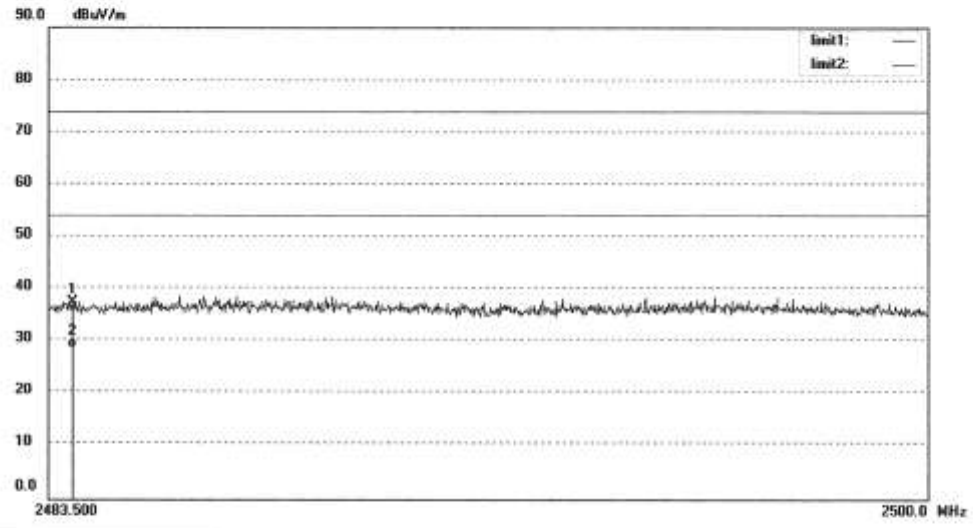
**ACCURATE TECHNOLOGY CO., LTD.**

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.: PHY #1309 | Polarization: Horizontal |
| Standard: FCC (BAND EDGE) | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/25/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 9/54/39 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2480MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: BDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2483.945 | 44.84 | -7.38 | 37.46 | 74.00 | -36.54 | peak | | | |
| 2 | 2483.945 | 35.99 | -7.38 | 28.61 | 54.00 | -25.39 | AVG | | | |

**Figure 107 Test plot of Transmitter spurious emissions, upper band edge, BDR, Vertical**

ATC®

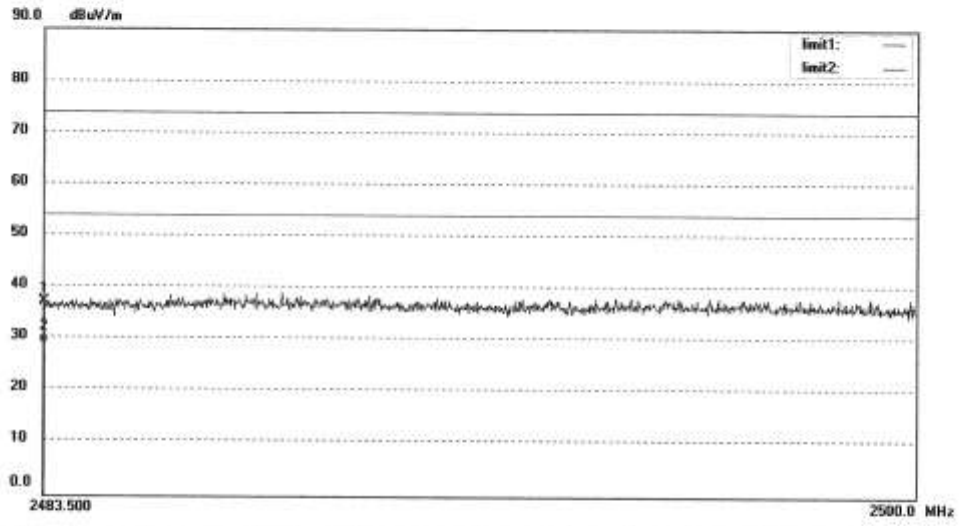
**ACCURATE TECHNOLOGY CO., LTD.**

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.: PHY #1310 | Polarization: Vertical |
| Standard: FCC (BAND EDGE) | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/25/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 10/03/51 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2480MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: BDR




| 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 | 44.55 | -7.37 | 37.18 | 74.00 | -36.82 | peak | | | |
| 2 | 2483.500 | 36.57 | -7.37 | 29.20 | 54.00 | -24.80 | AVG | | | |

**Figure 108 Test plot of Transmitter spurious emissions, lower band edge, BDR, Horizontal**

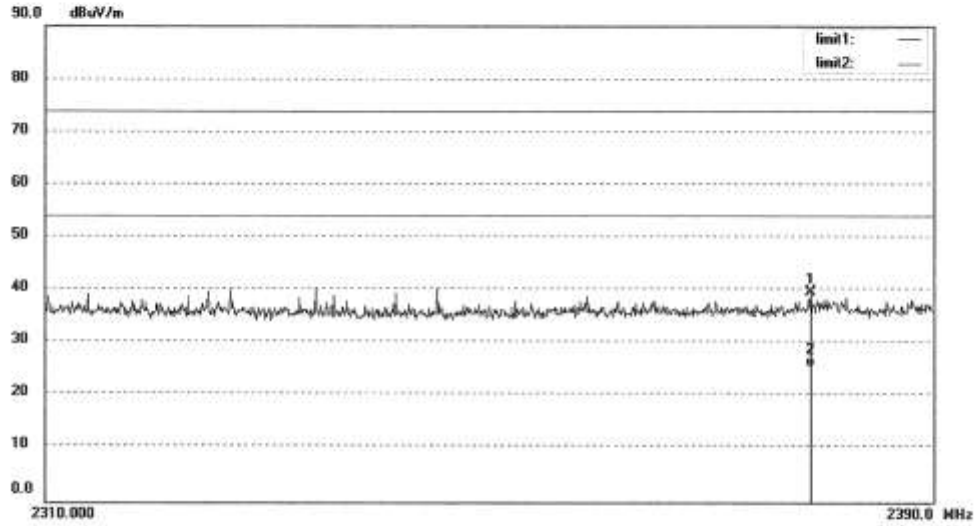
ATC®

**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.: PHY #1304 | Polarization: Horizontal |
| Standard: FCC (BAND EDGE) | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/25/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 8/57/20 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2402MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: BDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2378.775 | 47.37 | -7.60 | 39.77 | 74.00 | -34.23 | peak | | | |
| 2 | 2378.775 | 33.08 | -7.60 | 25.48 | 54.00 | -28.52 | AVG | | | |

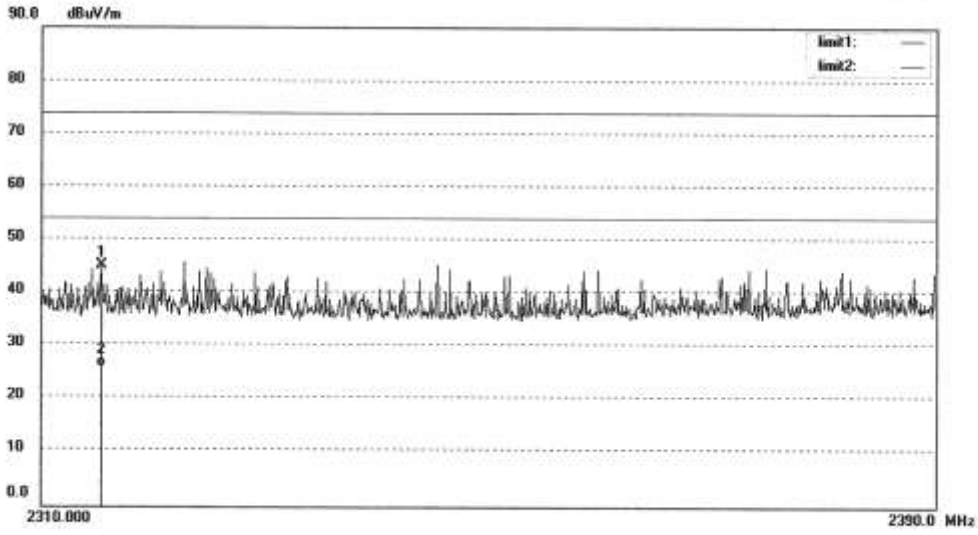
**Figure 109 Test plot of Transmitter spurious emissions, lower band edge, BDR, Vertical**

ATC®
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.: PHY #1303
Standard: FCC (BAND EDGE)
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2402MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Vertical
Power Source: DC 5V
Date: 14/04/25/
Time: 8/48/54
Engineer Signature: PEI
Distance: 3m

Note: BDR



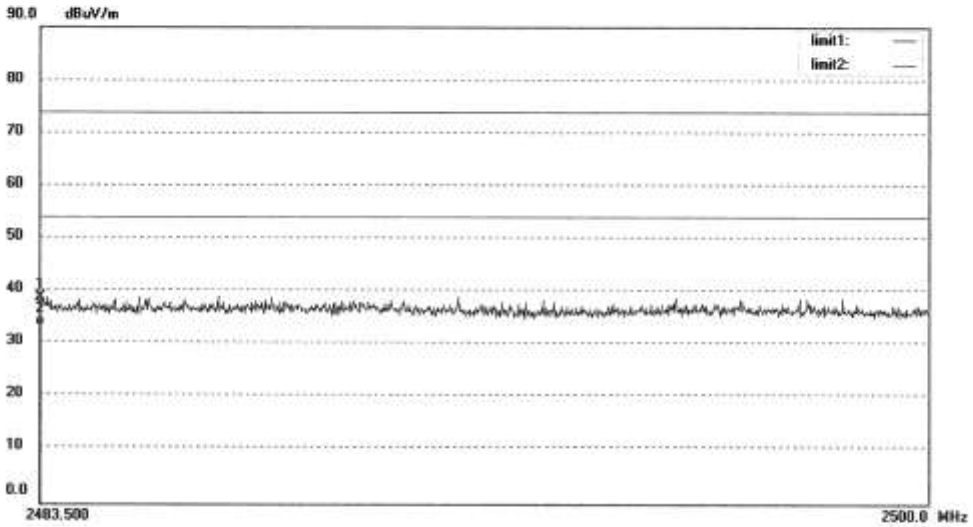

| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2315.286 | 53.00 | -7.81 | 45.19 | 74.00 | -28.81 | peak | | | |
| 2 | 2315.286 | 33.71 | -7.81 | 25.90 | 54.00 | -28.10 | AVG | | | |

**Figure 110 Test plot of Transmitter spurious emissions, upper band edge, EDR, Horizontal**

ATC®
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.: PHY #1324 | Polarization: Horizontal |
| Standard: FCC (BAND EDGE) | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/26/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 15/26/08 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2480MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: EDR




| 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 | 46.13 | -7.37 | 38.76 | 74.00 | -35.24 | peak | | | |
| 2 | 2483.500 | 40.77 | -7.37 | 33.40 | 54.00 | -20.60 | AVG | | | |

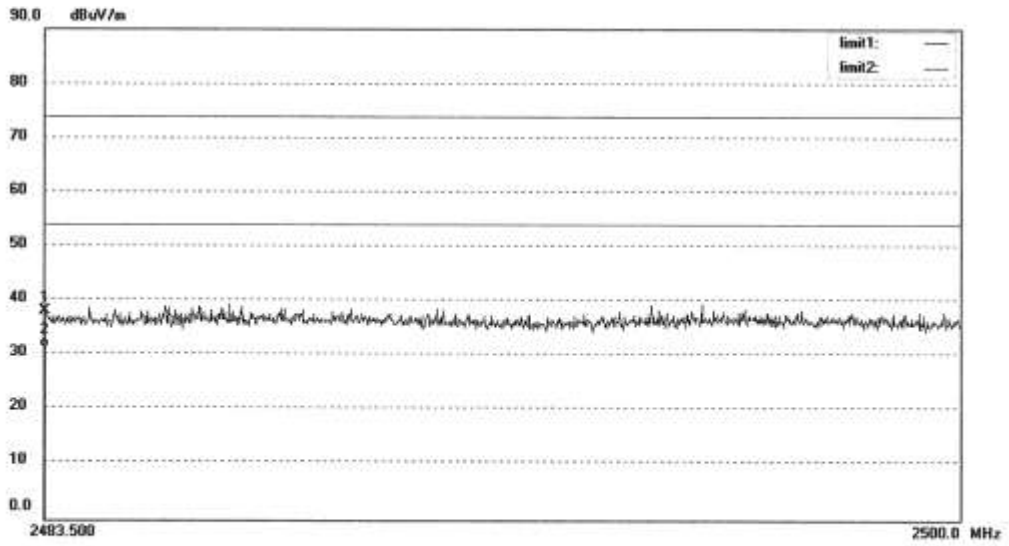
**Figure 111 Test plot of Transmitter spurious emissions, upper band edge, EDR, Vertical**

ATC®
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.: PHY #1323
Standard: FCC (BAND EDGE)
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2480MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Vertical
Power Source: DC 5V
Date: 14/04/26/
Time: 15/15/04
Engineer Signature: PEI
Distance: 3m

Note: EDR




| 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 | 45.46 | -7.37 | 38.09 | 74.00 | -35.91 | peak | | | |
| 2 | 2483.500 | 38.77 | -7.37 | 31.40 | 54.00 | -22.60 | AVG | | | |

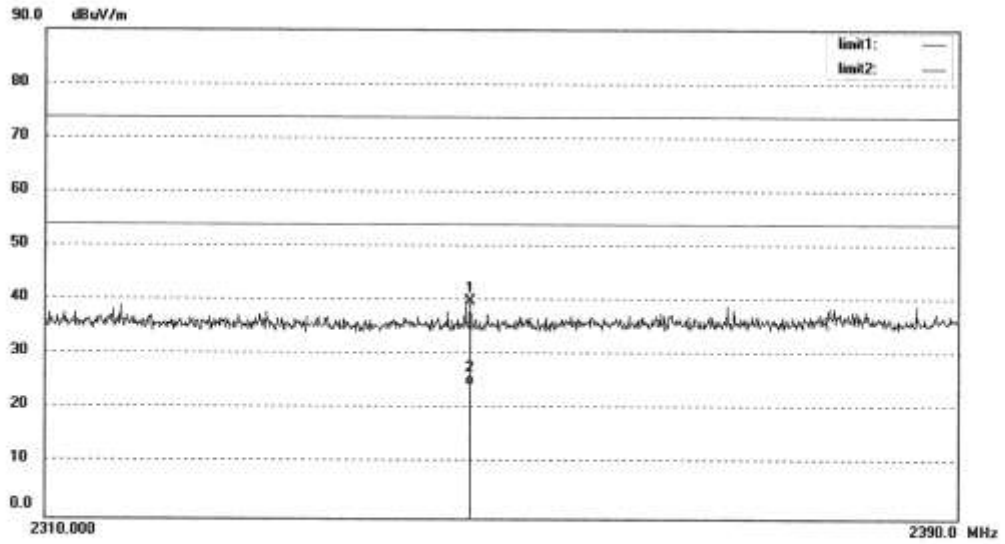
**Figure 112 Test plot of Transmitter spurious emissions, lower band edge, EDR, Horizontal**

ATC®
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.: PHY #1317
Standard: FCC (BAND EDGE)
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2402MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Horizontal
Power Source: DC 5V
Date: 14/04/25/
Time: 11/17/07
Engineer Signature: PEI
Distance: 3m

Note: EDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2346.856 | 47.71 | -7.80 | 39.91 | 74.00 | -34.09 | peak | | | |
| 2 | 2346.856 | 32.30 | -7.80 | 24.50 | 54.00 | -29.50 | AVG | | | |

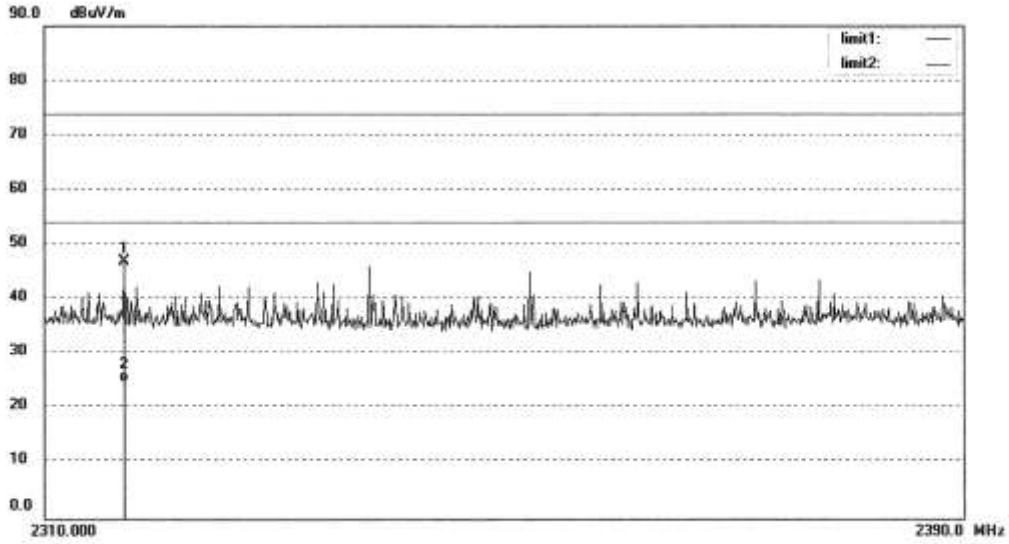
**Figure 113 Test plot of Transmitter spurious emissions, lower band edge, EDR, Vertical**

ATC®
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.: PHY #1318
Standard: FCC (BAND EDGE)
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2402MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Vertical
Power Source: DC 5V
Date: 14/04/25/
Time: 11/28/30
Engineer Signature: PEI
Distance: 3m

Note: EDR




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2316.787 | 54.84 | -7.82 | 47.02 | 74.00 | -26.98 | peak | | | |
| 2 | 2316.787 | 32.78 | -7.82 | 24.96 | 54.00 | -29.04 | AVG | | | |

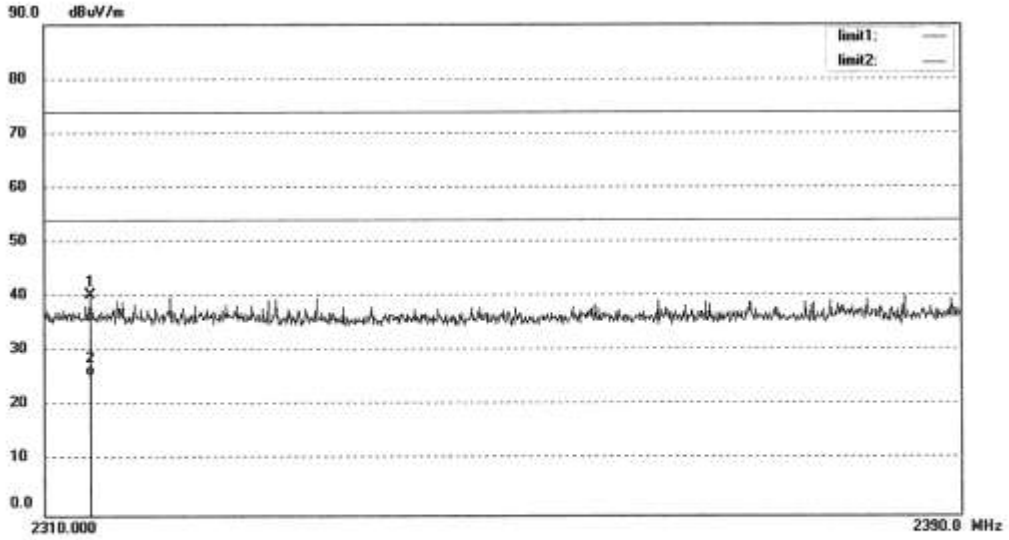
**Figure 114 Test plot of Transmitter spurious emissions, lower band edge, LE, Horizontal**

ATC®
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.: PHY #1328
Standard: FCC (BAND EDGE)
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2402MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Horizontal
Power Source: DC 5V
Date: 14/04/26/
Time: 16/10/55
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0



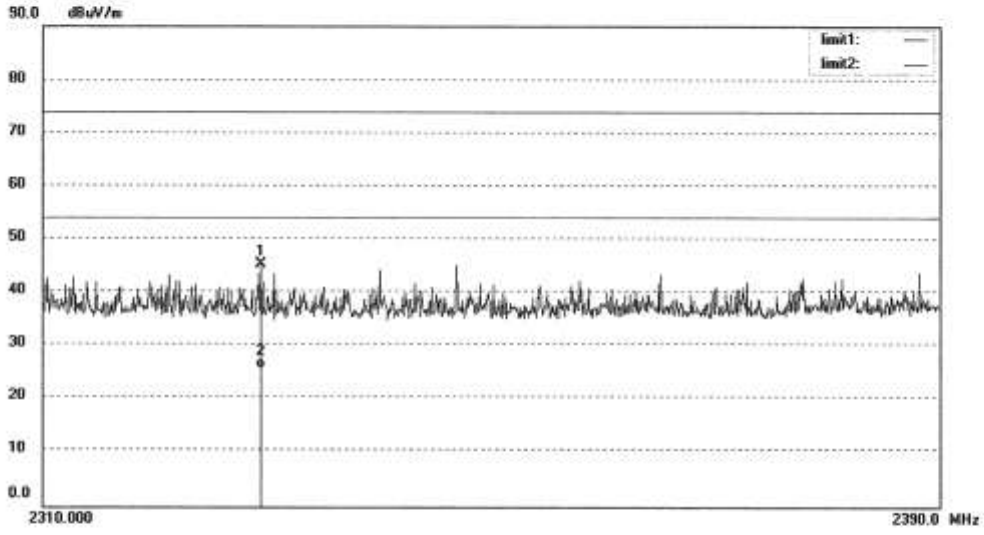

| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2313.943 | 48.11 | -7.81 | 40.30 | 74.00 | -33.70 | peak | | | |
| 2 | 2313.943 | 33.41 | -7.81 | 25.60 | 54.00 | -28.40 | AVG | | | |

**Figure 115 Test plot of Transmitter spurious emissions, lower band edge, LE, Vertical**

ATC®
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.: PHY #1327 | Polarization: Vertical |
| Standard: FCC (BAND EDGE) | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/26/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 15/59/40 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2402MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: Bluetooth 4.0




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2329.229 | 53.15 | -7.80 | 45.35 | 74.00 | -28.65 | peak | | | |
| 2 | 2329.229 | 33.60 | -7.80 | 25.80 | 54.00 | -28.20 | AVG | | | |

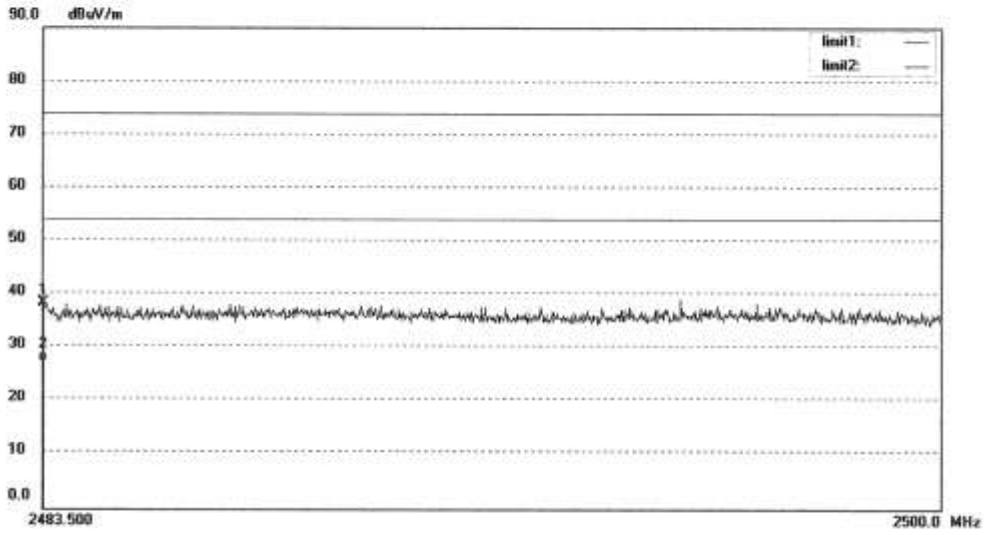
**Figure 116 Test plot of Transmitter spurious emissions, upper band edge, LE, Horizontal**

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.: PHY #1336 | Polarization: Horizontal |
| Standard: FCC (BAND EDGE) | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/04/26/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 17/35/22 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: TX 2480MHz | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note: Bluetooth 4.0




| 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 | 45.67 | -7.37 | 38.30 | 74.00 | -35.70 | peak | | | |
| 2 | 2483.500 | 34.67 | -7.37 | 27.30 | 54.00 | -26.70 | AVG | | | |

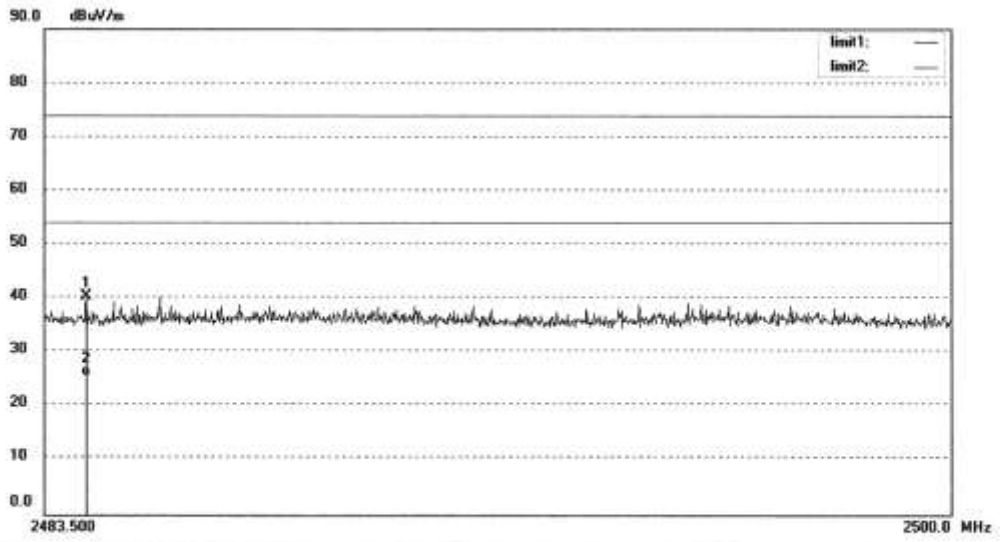
**Figure 117 Test plot of Transmitter spurious emissions, upper band edge, LE, Vertical**

ATC®
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.: PHY #1335
Standard: FCC (BAND EDGE)
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: TX 2480MHz
Model:
Manufacturer: Sysgration Ltd.

Polarization: Vertical
Power Source: DC 5V
Date: 14/04/26/
Time: 17/26/57
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2484.258 | 47.78 | -7.38 | 40.40 | 74.00 | -33.60 | peak | | | |
| 2 | 2484.258 | 32.98 | -7.38 | 25.60 | 54.00 | -28.40 | AVG | | | |

**Figure 118 Test plot of Radiated emission, Power On, 30MHz-1GHz, horizontal**

ATC®

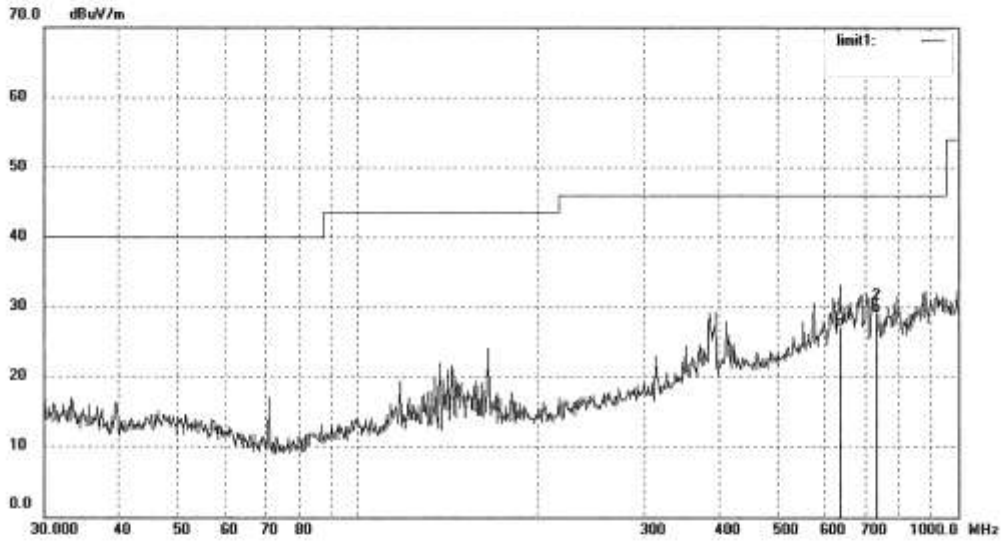
**ACCURATE TECHNOLOGY CO., LTD.**

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.: PHY #1410 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/05/06/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 7/54/54 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: On | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note:




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 635.5576 | 29.69 | -2.56 | 27.13 | 46.00 | -18.87 | QP | | | |
| 2 | 731.4627 | 30.42 | -1.34 | 29.08 | 46.00 | -16.92 | QP | | | |

**Figure 119 Test plot of Radiated emission, Power On mode, 30MHz-1GHz, vertical**

ATC®

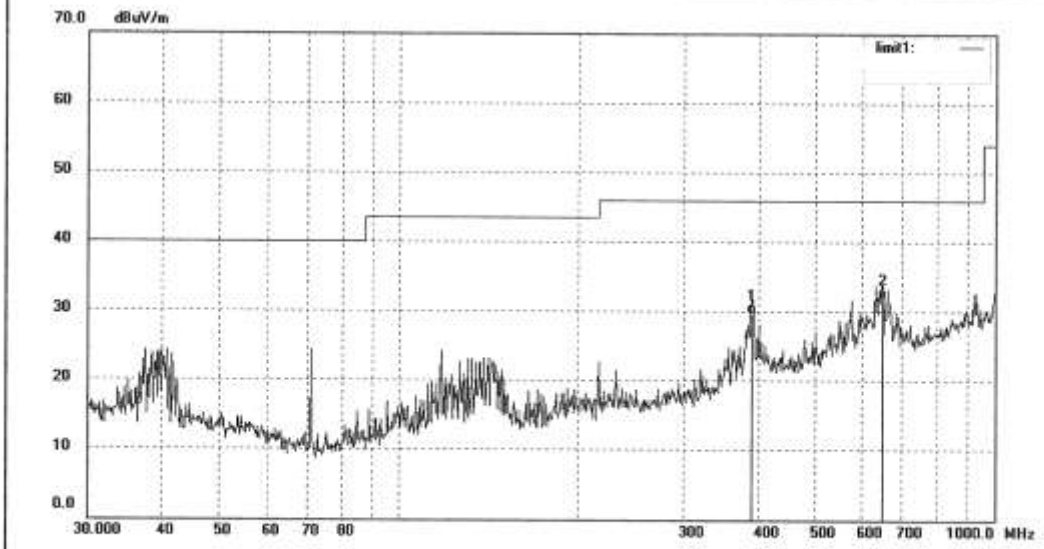
**ACCURATE TECHNOLOGY CO., LTD.**

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.: PHY #1411 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: DC 5V |
| Test item: Radiation Test | Date: 14/05/06/ |
| Temp.( C)/Hum.(%) 23 C / 48 % | Time: 8/05/34 |
| EUT: Bluetooth Dongle | Engineer Signature: PEI |
| Mode: On | Distance: 3m |
| Model: | |
| Manufacturer: Sysgration Ltd. | |

Note:




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 389.9874 | 36.94 | -7.22 | 29.72 | 46.00 | -16.28 | QP | | | |
| 2 | 649.0984 | 34.44 | -2.46 | 31.98 | 46.00 | -14.02 | QP | | | |

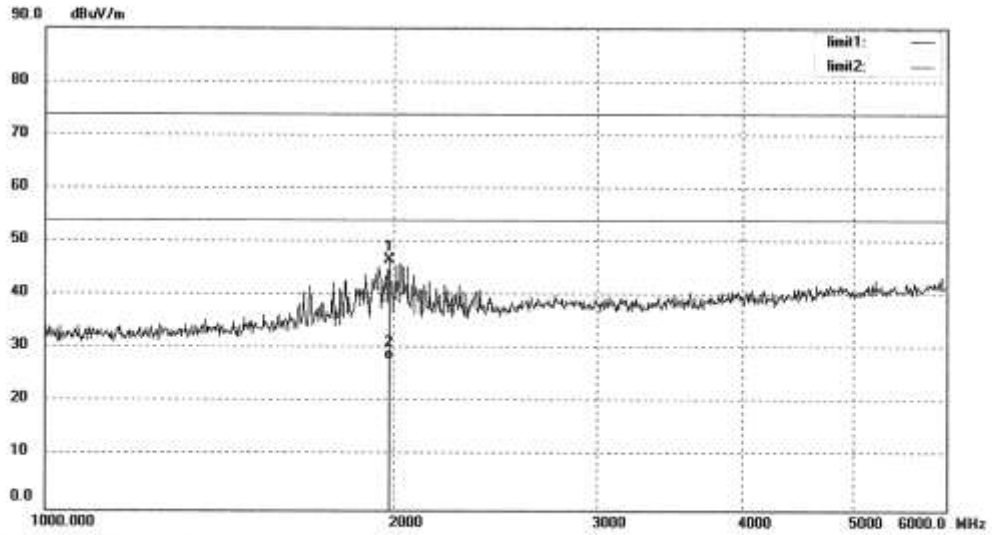
**Figure 120 Test plot of Radiated emission, Power On mode, 1GHz-6GHz, horizontal**

ATC®
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.: PHY #1413
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: On
Model:
Manufacturer: Sysgration Ltd.

Polarization: Horizontal
Power Source: DC 5V
Date: 14/05/06/
Time: 8/26/27
Engineer Signature: PEI
Distance: 3m

Note:




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1983.729 | 55.71 | -9.10 | 46.61 | 74.00 | -27.39 | peak | | | |
| 2 | 1983.729 | 37.02 | -9.10 | 27.92 | 54.00 | -26.08 | AVG | | | |

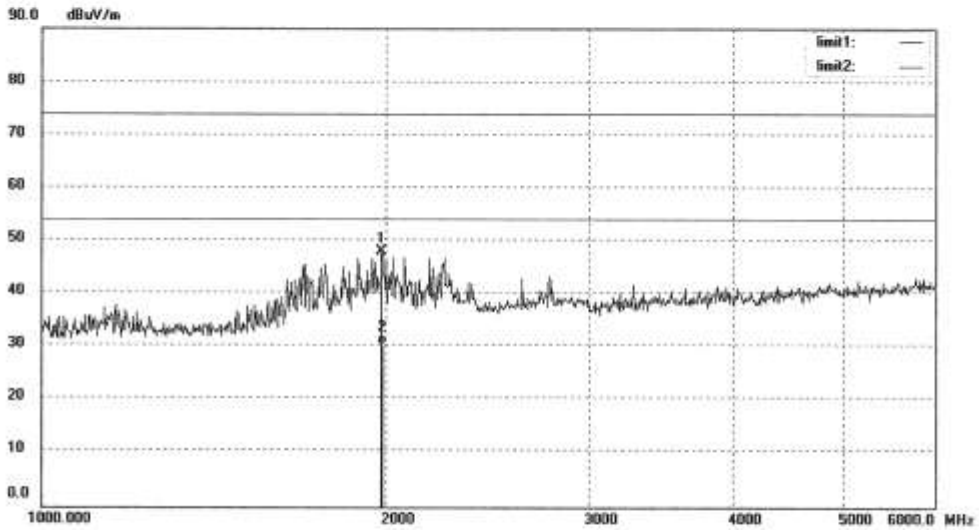
**Figure 121 Test plot of Radiated emission, Power On mode, 1GHz-6GHz, vertical**

ATC®
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.: PHY #1412
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: Bluetooth Dongle
Mode: On
Model:
Manufacturer: Sysgration Ltd.

Polarization: Vertical
Power Source: DC 5V
Date: 14/05/06/
Time: 8/18/15
Engineer Signature: PEI
Distance: 3m

Note:




| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1977.010 | 57.18 | -9.15 | 48.03 | 74.00 | -25.97 | peak | | | |
| 2 | 1977.010 | 39.75 | -9.15 | 30.60 | 54.00 | -23.40 | AVG | | | |

**Figure 122 Test plot of conducted emission, Tx+Rx, Line Neutral**

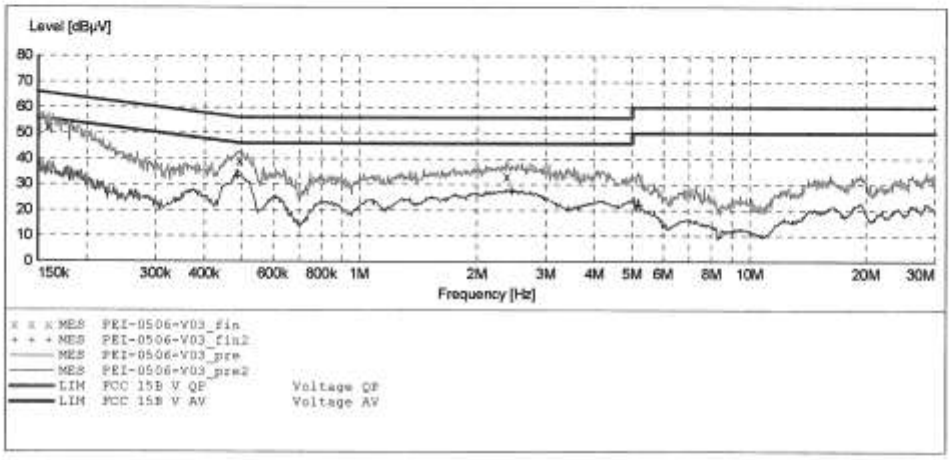
*ACCURATE TECHNOLOGY CO.,LTD*

*CONDUCTED EMISSION STANDARD FCC PART 15 B*

```
EUT:                  Bluetooth Dongle
Manufacturer:         Sysgration Ltd.
Operating Condition:  Transmitting+Receiving
Test Site:            1#Shielding Room
Operator:             PEI
Test Specification:   N 120V/60Hz
Comment:
Start of Test:        5/6/2014 / 9:08:28AM
```

*SCAN TABLE: "V 150K-30MHz fin"*

```
Short Description:                    _SUB_STD_VTERM2 1.70
Start      Stop       Step       Detector  Meas.     IF       Transducer
Frequency  Frequency  Width                Time      Bandw.
150.0 kHz  30.0 MHz   4.5 kHz    QuasiPeak 1.0 s     9 kHz    NSLK8126 2008
                                 Average
```




*MEASUREMENT RESULT: "PEI-0506-V03_fin"*

5/6/2014 9:17AM

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---|---|---|---|---|---|---|---|
| 0.159256 | 52.40 | 10.5 | 66 | 13.1 | QP | N | GND |
| 0.492876 | 39.00 | 10.7 | 56 | 17.1 | QP | N | GND |
| 2.385362 | 33.10 | 11.0 | 56 | 22.9 | QP | N | GND |

*MEASUREMENT RESULT: "PEI-0506-V03_fin2"*

5/6/2014 9:17AM

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---|---|---|---|---|---|---|---|
| 0.485068 | 33.10 | 10.7 | 46 | 13.2 | AV | N | GND |
| 2.452959 | 27.40 | 11.0 | 46 | 18.6 | AV | N | GND |
| 5.195511 | 21.90 | 11.2 | 50 | 28.1 | AV | N | GND |

**Figure 123 Test plot of conducted emission, Tx+Rx , Line Live**

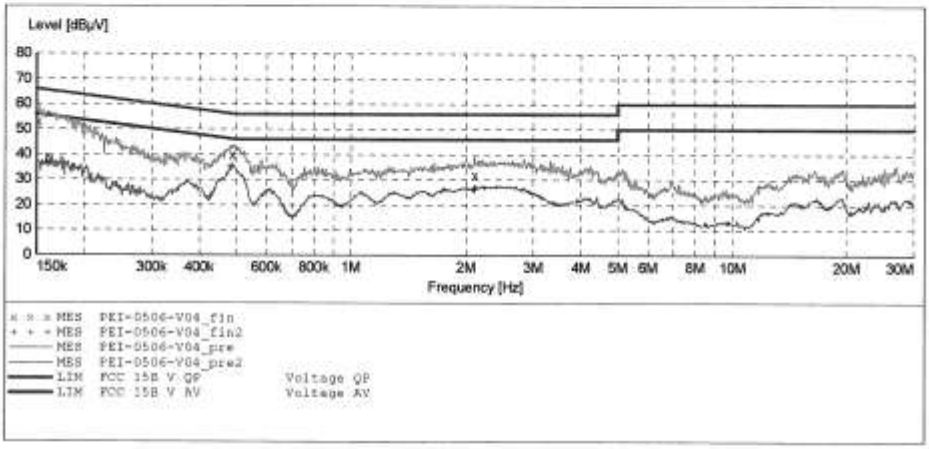
*ACCURATE TECHNOLOGY CO.,LTD*

*CONDUCTED EMISSION STANDARD FCC PART 15 B*

```
EUT:                  Bluetooth Dongle
Manufacturer:         Sysgration Ltd.
Operating Condition:  Transmitting+Receiving
Test Site:            1#Shielding Room
Operator:             PEI
Test Specification:   L 120V/60Hz
Comment:
Start of Test:        5/6/2014 / 9:18:11AM
```

*SCAN TABLE: "V 150K-30MHz fin"*

```
Short Description:                 _SUB_STD_VTERM2 1.70
Start      Stop       Step       Detector  Meas.     IF       Transducer
Frequency  Frequency  Width                Time      Bandw.
150.0 kHz  30.0 MHz   4.5 kHz    QuasiPeak 1.0 s     9 kHz    NSLK8126 2008
                                 Average
```




*MEASUREMENT RESULT: "PEI-0506-V04_fin"*

5/6/2014 9:27AM

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---|---|---|---|---|---|---|---|
| 0.151807 | 52.90 | 10.5 | 66 | 13.0 | QP | L1 | GND |
| 0.488957 | 39.90 | 10.7 | 56 | 16.3 | QP | L1 | GND |
| 2.107702 | 32.00 | 11.0 | 56 | 24.0 | QP | L1 | GND |

*MEASUREMENT RESULT: "PEI-0506-V04_fin2"*

5/6/2014 9:27AM

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---|---|---|---|---|---|---|---|
| 0.159893 | 36.10 | 10.5 | 56 | 19.4 | AV | L1 | GND |
| 0.485068 | 35.10 | 10.7 | 46 | 11.2 | AV | L1 | GND |
| 2.099304 | 26.10 | 11.0 | 46 | 19.9 | AV | L1 | GND |

**Figure 124 Test plot of conducted emission, Power On, Line Live**

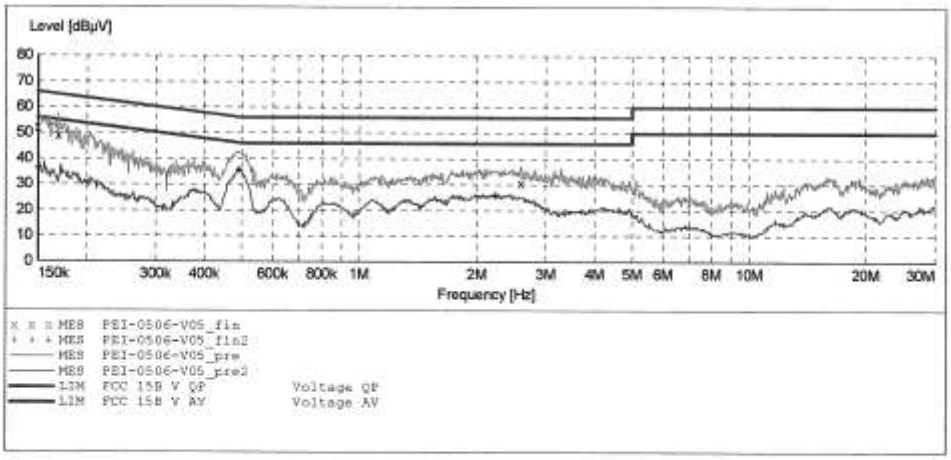
*ACCURATE TECHNOLOGY CO.,LTD*

*CONDUCTED EMISSION STANDARD FCC PART 15 B*

```
EUT:                  Bluetooth Dongle
Manufacturer:         Sysgration Ltd.
Operating Condition:  On
Test Site:            1#Shielding Room
Operator:             PEI
Test Specification:   L 120V/60Hz
Comment:
Start of Test:        5/6/2014 / 9:28:48AM
```

*SCAN TABLE: "V 150K-30MHz fin"*

```
  Short Description:                 _SUB_STD_VTERM2 1.70
  Start      Stop       Step        Detector  Meas.     IF       Transducer
  Frequency  Frequency  Width                 Time      Bandw.
  150.0 kHz  30.0 MHz   4.5 kHz     QuasiPeak 1.0 s     9 kHz    NSLK8126 2008
                                    Average
```




*MEASUREMENT RESULT: "PEI-0506-V05_fin"*

5/6/2014 9:36AM

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---|---|---|---|---|---|---|---|
| 0.150000 | 52.10 | 10.5 | 66 | 13.9 | QP | L1 | GND |
| 0.169084 | 48.90 | 10.5 | 65 | 16.1 | QP | L1 | GND |
| 2.593954 | 30.70 | 11.0 | 56 | 25.3 | QP | L1 | GND |

*MEASUREMENT RESULT: "PEI-0506-V05_fin2"*

5/6/2014 9:36AM

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---|---|---|---|---|---|---|---|
| 0.150000 | 36.10 | 10.5 | 56 | 19.9 | AV | L1 | GND |
| 0.492876 | 35.50 | 10.7 | 46 | 10.6 | AV | L1 | GND |
| 2.228851 | 25.60 | 11.0 | 46 | 20.4 | AV | L1 | GND |

**Figure 125 Test plot of conducted emission, Power On, Line Live**

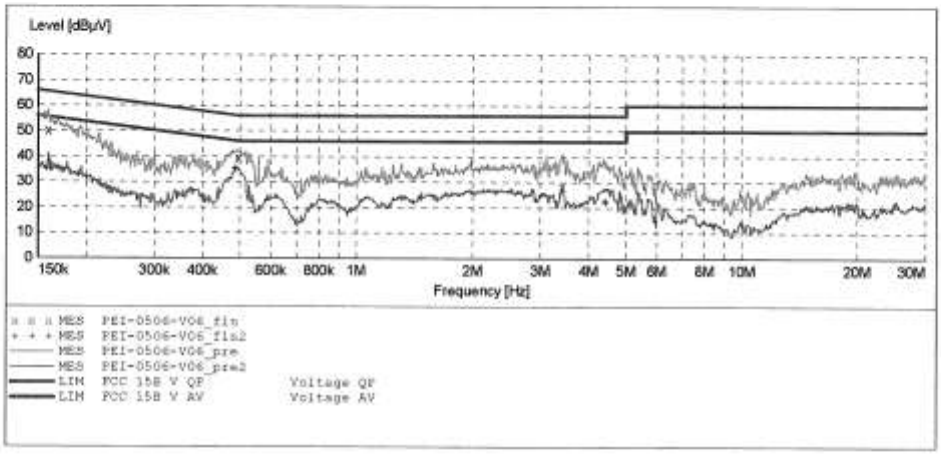
*ACCURATE TECHNOLOGY CO.,LTD*

*CONDUCTED EMISSION STANDARD FCC PART 15 B*

```
EUT:                  Bluetooth Dongle
Manufacturer:         Sysgration Ltd.
Operating Condition:  On
Test Site:            1#Shielding Room
Operator:             PEI
Test Specification:   N 120V/60Hz
Comment:
Start of Test:        5/6/2014 / 9:37:30AM
```

*SCAN TABLE: "V 150K-30MHz fin"*

```
  Short Description:                 _SUB_STD_VTERM2 1.70
  Start      Stop       Step        Detector   Meas.     IF       Transducer
  Frequency  Frequency  Width                  Time      Bandw.
  150.0 kHz  30.0 MHz   4.5 kHz     QuasiPeak  1.0 s     9 kHz    NSLK8126 2008
                                    Average
```




*MEASUREMENT RESULT: "PEI-0506-V06_fin"*

5/6/2014 9:45AM

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---|---|---|---|---|---|---|---|
| 0.159256 | 50.10 | 10.5 | 66 | 15.4 | QP | N | GND |
| 0.494848 | 39.50 | 10.7 | 56 | 16.6 | QP | N | GND |
| 3.416555 | 28.50 | 11.1 | 56 | 27.5 | QP | N | GND |

*MEASUREMENT RESULT: "PEI-0506-V06_fin2"*

5/6/2014 9:45AM

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---|---|---|---|---|---|---|---|
| 0.161175 | 35.30 | 10.5 | 55 | 20.1 | AV | N | GND |
| 0.487008 | 35.20 | 10.7 | 46 | 11.0 | AV | N | GND |
| 4.411091 | 22.30 | 11.1 | 46 | 23.7 | AV | N | GND |