

Prüfbericht-Nr.: <i>Test report No.:</i>	50083461 001	Auftrags-Nr.: <i>Order No.:</i>	164091456	Seite 1 von 23 <i>Page 1 of 23</i>
Kunden-Referenz-Nr.: <i>Client reference No.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	17.04.2017	
Auftraggeber: <i>Client:</i>	Dmet Products Corp. No.118, Fuji Soft Bldg 12F, 3 Kanda-Neribeicho, Chiyoda-Ku, Tokyo, Japan			
Prüfgegenstand: <i>Test item:</i>	SoundMoovz			
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	BMZ001 (Trademark: SoundMoovz)			
Auftrags-Inhalt: <i>Order content:</i>	FCC and IC approval			
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15: Subpart C Section 15.247 CFR47 FCC Part 15: Subpart C Section 15.209 CFR47 FCC Part 2: Subpart J Section 2.1093 FCC KDB Publication 447498 V06			
Wareneingangsdatum: <i>Date of receipt:</i>	17.04.2017	Please refer to photo documents		
Prüfmuster-Nr.: <i>Test sample No.:</i>	A000530595-027 to A000530595-029			
Prüfzeitraum: <i>Testing period:</i>	20.05.2017 - 23.05.2017			
Ort der Prüfung: <i>Place of testing:</i>	Accurate Technology Co., Ltd.			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von / tested by:		kontrolliert von / reviewed by:		
 29.06.2017 Alex Lan / Project Engineer		 29.06.2017 Winnie Hou / Technical Certifier		
Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>
Sonstiges / Other:				
FCC ID: 2ALX7001, IC: 22677-001, HVIN: BMZ001				
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>		Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged:</i>		
* Legende: 1 = sehr gut 2 = gut 3 = befriedigend P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) Legend: 1 = very good 2 = good 3 = satisfactory P(ass) = passed a.m. test specifications(s) F(ail) = failed a.m. test specifications(s)		4 = ausreichend 5 = mangelhaft N/A = nicht anwendbar N/T = nicht getestet 4 = sufficient 5 = poor N/A = not applicable N/T = not tested		
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

TEST SUMMARY

5.1.1. ANTENNA REQUIREMENT

RESULT: *Passed*

5.1.2. PEAK OUTPUT POWER

RESULT: *Passed*

5.1.3. CONDUCTED POWER SPECTRAL DENSITY

RESULT: *Passed*

5.1.4. -6DB BANDWIDTH

RESULT: *Passed*

5.1.5. 99% BANDWIDTH

RESULT: *Passed*

5.1.6. CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100kHz BANDWIDTH

RESULT: *Passed*

5.1.7. SPURIOUS EMISSION

RESULT: *Passed*

6.1.1. ELECTROMAGNETIC FIELDS

RESULT: *Pass*

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1. General Remarks

1.1.Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:
Appendix 1: Test Result

2. Test Sites

2.1.Test Facilities

Accurate Technology Co., Ltd.

F1, Bldg. A, Changyuan New Material Port, Keyuan Rd., Science & Industry Park Nanshan District, Shenzhen 518057, P.R. China

FCC Registration No.: 752051

Test site Industry Canada No.: 5077A-2

The tests at the test site have been conducted under the supervision of a TÜV engineer.

2.2.List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Kind of Equipment	Manufacturer	Type	S/N	Calibrated until
Spurious emission and Radiated emission				
Spectrum Analyzer	Rohde&Schwarz	FSV40	101495	06-01-2018
Test Receiver	Rohde&Schwarz	ESCS30	100307	06-01-2018
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	09-01-2018
Loop Antenna	Schwarzbeck	FMZB1516	1516131	09-01-2018
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	09-01-2018
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	09-01-2018
RF Switching Unit+PreAMP	Compliance Direction	RSU-M2	38322	06-01-2018
Pre-Amplifier	Rohde&Schwarz	CBLU11835 40-01	3791	06-01-2018
Radio Spectrum Test				
Spectrum Analyzer	Rohde&Schwarz	FSV40	101495	06-01-2018

2.3.Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

2.4.Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5.Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements are $\pm 3\text{dB}$.

2.6.Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix 1 of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

2.7.Status of Facility Used for Testing

The Accurate Technology Co., Ltd. test facility located at F1, Bldg. A, Changyuan New Material Port, Keyuan Rd., Science & Industry Park Nanshan District, Shenzhen 518057, P.R. China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3. General Product Information

3.1. Product Function and Intended Use

The EUT is a SoundMoovz (wrist band) with Bluetooth low energy technology.
For details refer to the User Manual, Technical Description and Circuit Diagram.

3.2. Ratings and System Details

Table 2: Rating of EUT

Kind of Equipment:	SoundMoovz
Type Designation:	BMZ001
Trade Mark:	SoundMoovz
FCC ID:	2ALX7001
IC:	22677-001
HVIN:	BMZ001

Table 3: Technical Specification of EUT

Technical Specification	Value
Operating Frequency band	2402 – 2480 MHz
Bluetooth Core Version	4.2 (Low Energy)
Channel separation	2MHz
Extreme Temperature Range	-20°C to +55°C
Operation Voltage	DC 3V via CR2032 Lithium Battery
Modulation	GFSK
Antenna Type	Internal Antenna, Non-User Replaceable
Antenna Gain	1 dBi

3.3.Independent Operation Modes

The basic operation modes are:

- A. On, Bluetooth Transmitting
 - 1. Low channel
 - 2. Middle channel
 - 3. High channel
- B. On, Operating
- C. Off

3.4.Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.5.Submitted Documents

- | | |
|-------------------------|----------------------|
| - Bill of Material | - Circuit Diagram |
| - PCB Layout | - Instruction Manual |
| - Photo Document | - Rating Label |
| - Technical Description | |

4. Test Set-up and Operation Modes

4.1.Principle of Configuration Selection

The equipment under test (EUT) was configured to measure its maximum power level. The test modes were adapted accordingly in reference to the instructions for use.

4.2.Test Operation and Test Software

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.10: 2013.

4.3.Special Accessories and Auxiliary Equipment

The EUT was tested with following accessories

Description	Manufacturer	Type	S/N
Galaxy S6	SAMAUNG	SM-G9209	R28G91298WH
Notebook	Lenovo	ThinkPad X240	N/A

4.4.Countermeasures to achieve EMC Compliance

The test sample, which has been tested, contained the noise suppression parts as described in the Constructional Data Form or the Technical Construction File. No additional measures were employed to achieve compliance.

4.5. Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

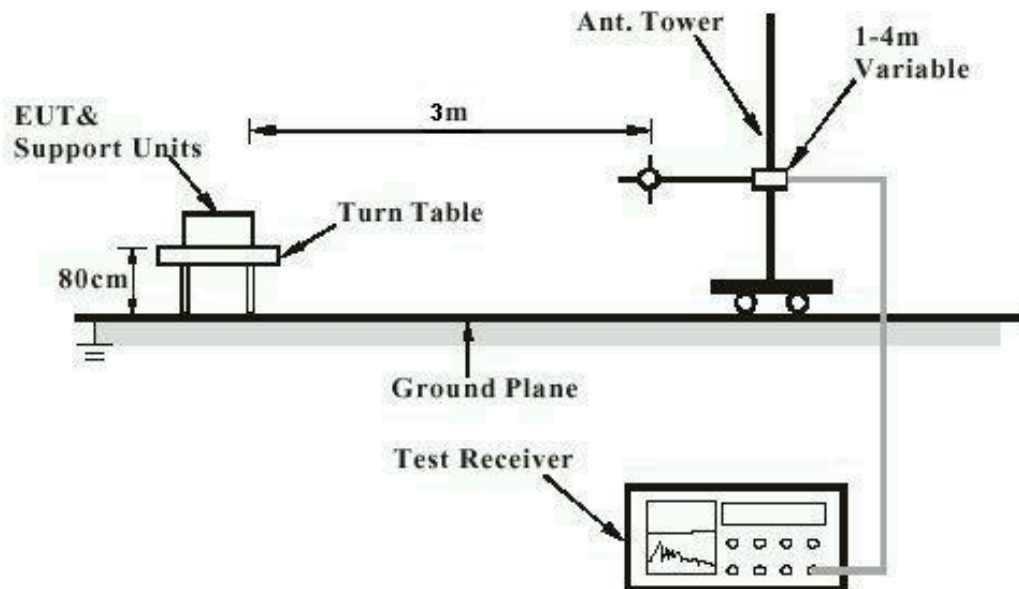


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

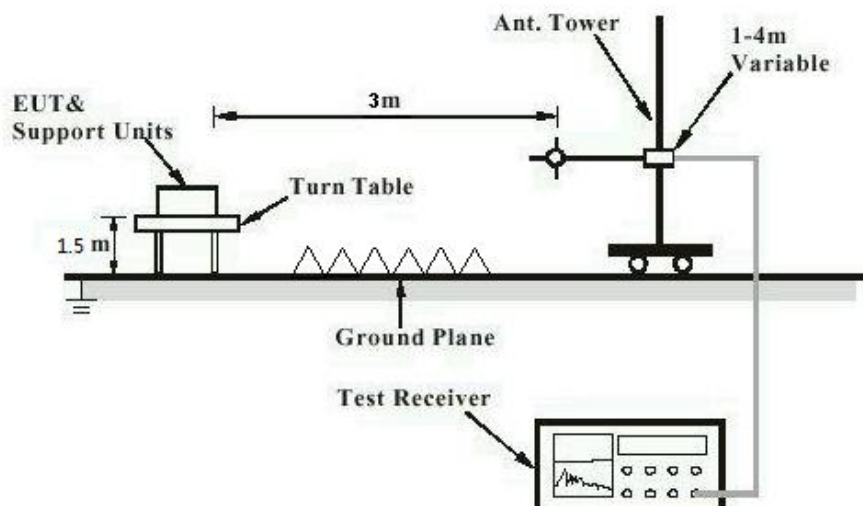
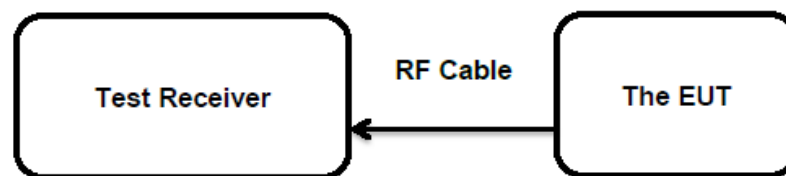


Diagram of Measurement Equipment Configuration for Conducted Transmitter Measurement



5. Test Results

5.1. Transmitter Requirement & Test Suites

5.1.1. Antenna Requirement

RESULT:**Passed**

Test standard	:	FCC Part 15.247(b)(4) and Part 15.203 RSS-Gen 6.7
Limit	:	the use of antennas with directional gains that do not exceed 6 dBi

According to the manufacturer declared, the EUT has an internal antenna, the directional gain of antenna is 1 dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision.

Refer to EUT photo for details.

5.1.2. Peak Output Power

RESULT:**Passed**

Test date : 2017-05-20
Test standard : FCC Part 15.247(b)(3)
RSS-247 Clause 5.4(2)&(4)
Basic standard : ANSI C63.10: 2013
Limit : 1 Watt
Kind of test site : Shielded room

Test setup

Test Channel : Low/ Middle/ High
Operation Mode : A
Ambient temperature : 25°C
Relative humidity : 55%
Atmospheric pressure : 101 kPa

Table 4: Test result of Peak Output Power

Channel	Channel Frequency (MHz)	Peak Output Power		Limit
		(dBm)	(W)	(W)
Low Channel	2402	-3.18	0.00048	1
Middle Channel	2440	-3.34	0.00046	1
High Channel	2480	-3.45	0.00045	1

5.1.3. Conducted Power Spectral Density**RESULT:****Passed**

Test date : 2017-05-20
Test standard : FCC Part 15.247(e)
RSS-247 Clause 5.2(2)
Basic standard : ANSI C63.10: 2013
Limit : 8dBm/3kHz
Kind of test site : Shielded room

Test setup

Test Channel : Low/ Middle/ High
Operation Mode : A
Ambient temperature : 25°C
Relative humidity : 55%
Atmospheric pressure : 101 kPa

Table 5: Test result of Conducted Power Spectral Density

Channel	Channel Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)
Low Channel	2402	-21.41	8
Middle Channel	2440	-21.49	8
High Channel	2480	-21.54	8

5.1.4.-6dB Bandwidth**RESULT:****Passed**

Date of testing : 2017-05-20
Test standard : FCC Part 15.247(a)(2)
RSS-247 Clause 5.2(1)
Basic standard : ANSI C63.10: 2013
Kind of test site : Shielded room

Test setup

Test Channel : Low/ Middle/ High
Operation Mode : A
Ambient temperature : 25°C
Relative humidity : 55%
Atmospheric pressure : 101 kPa

Table 6: Test result of -6dB Bandwidth

Channel	Channel Frequency (MHz)	-6dB Bandwidth (kHz)	Limit (kHz)	Result
Low Channel	2402	777.2	500	Pass
Mid Channel	2440	772.8	500	Pass
High Channel	2480	781.5	500	Pass

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5.1.5.99% Bandwidth**RESULT:****Passed**

Date of testing : 2017-05-20
Test standard : RSS-Gen clause 6.6
Basic standard : ANSI C63.10: 2013
Kind of test site : Shielded room

Test setup

Test Channel : Low/ Middle/ High
Operation Mode : A
Ambient temperature : 25°C
Relative humidity : 55%
Atmospheric pressure : 101 kPa

Table 7: Test result of 99% Bandwidth

Channel	Channel Frequency (MHz)	99% Bandwidth (kHz)	Limit (MHz)	Result
Low Channel	2402	1094	/	Pass
Mid Channel	2440	1090	/	Pass
High Channel	2480	1103	/	Pass

5.1.6. Conducted spurious emissions measured in 100kHz Bandwidth**RESULT:****Passed**

Date of testing	:	2017-05-20
Test standard	:	FCC part 15.247(d) RSS-247 Clause 5.5
Basic standard	:	ANSI C63.10: 2013
Limit	:	20dB (below that in the 100kHz bandwidth within the band that contains the highest level of the desired power); In addition, radiated emissions which fall in the restricted bands, must also comply with the radiated emission limits specified in 15.209(a)
Kind of test site	:	Shield room

Test setup

Test Channel	:	Low/ High
Operation mode	:	A
Ambient temperature	:	25°C
Relative humidity	:	55%
Atmospheric pressure	:	101 kPa

All emissions are more than 20dB below fundamental, details refer to Appendix 1.

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5.1.7.Spurious Emission

RESULT:**Passed**

Date of testing	:	2017-05-20
Test standard	:	FCC part 15.247(d) FCC Part 15.205 RSS-247 Clause 3.3
Basic standard	:	ANSI C63.10: 2013
Limits	:	Refer to 15.209(a) of FCC part 15.247(d) RSS-Gen Table 4 & Table 5
Kind of test site	:	3m Semi-Anechoic Chamber

Test setup

Test Channel	:	Low/ Middle/ High
Operation mode	:	A
Ambient temperature	:	25°C
Relative humidity	:	55%
Atmospheric pressure	:	101 kPa

Remark:

During the pretest the EUT was rotated through three orthogonal axes to determine the attitude that maximizes the emissions. After that the EUT was manually handled to find the orientation that has the maximum emission, which is the orientation shown in the test setup photos.
Testing was carried out within frequency range 9kHz to the tenth harmonics.

For details refer to Appendix 1.

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Note 1: Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and above 18GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

Figure 1: Test figure of spurious emissions, mode A.1, Horizontal polarity (30MHz – 1GHz)

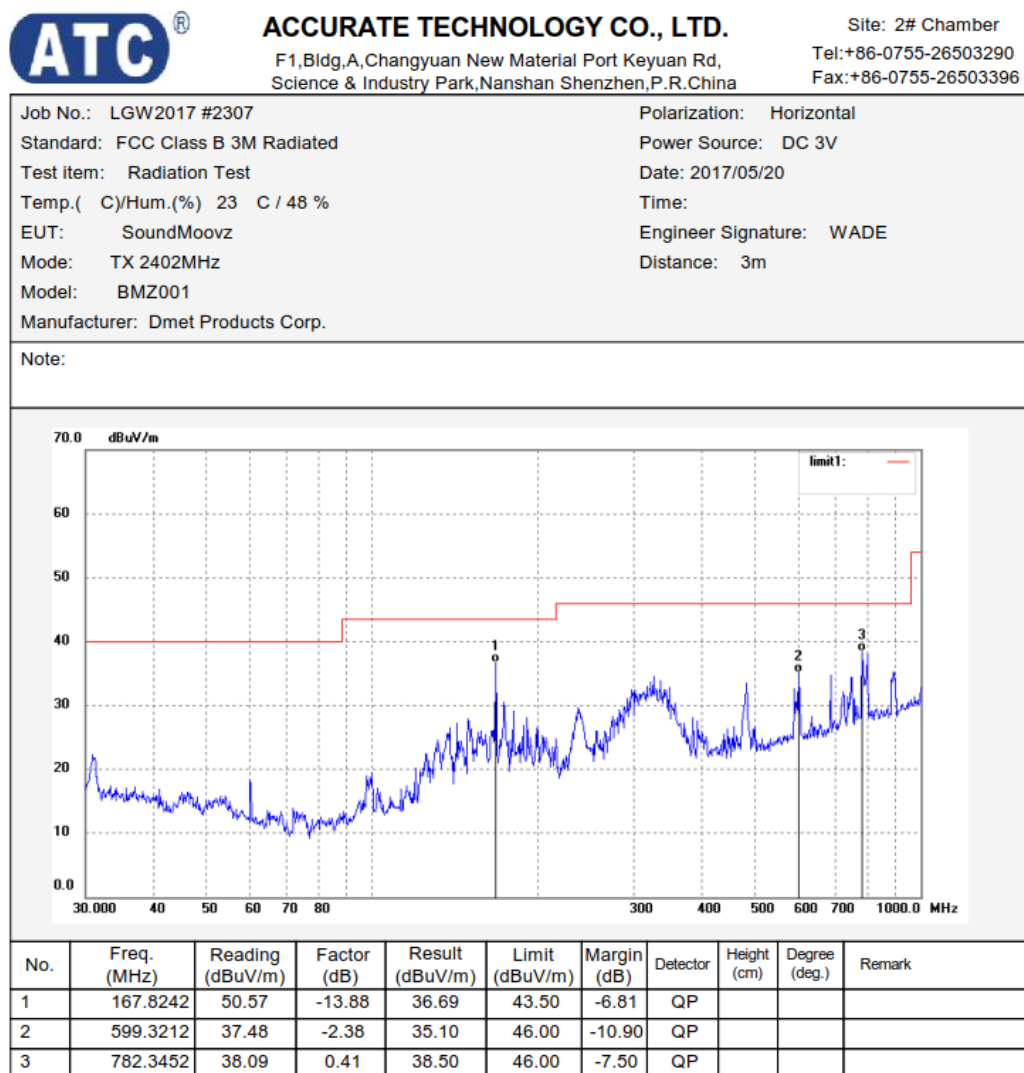


Figure 2: Test figure of spurious emissions, mode A.1, Vertical polarity (30MHz – 1GHz)



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.: LGW2017 #2306

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: SoundMoovz

Mode: TX 2402MHz

Model: BMZ001

Manufacturer: Dmet Products Corp.

Polarization: Vertical

Power Source: DC 3V

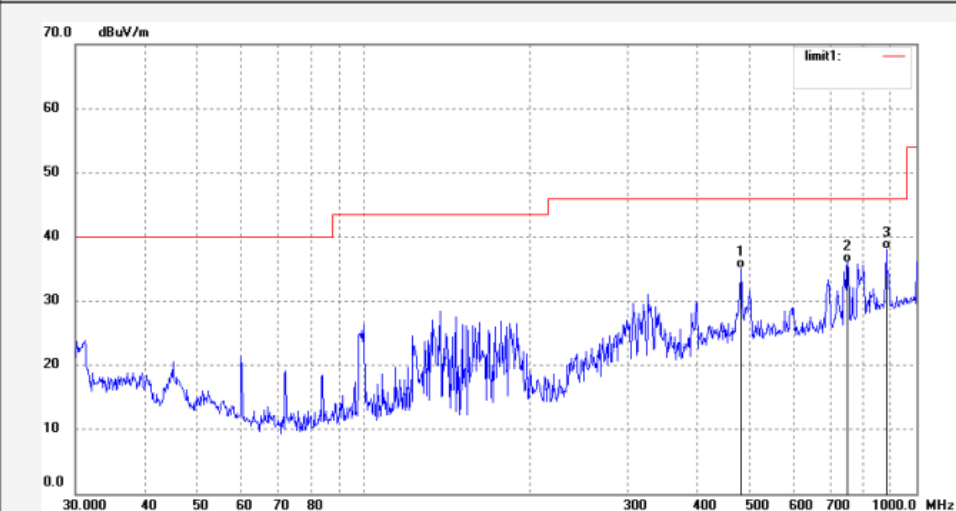
Date: 2017/05/20

Time:

Engineer Signature: WADE

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	480.5276	39.91	-4.88	35.03	46.00	-10.97	QP			
2	750.1082	36.34	-0.29	36.05	46.00	-9.95	QP			
3	881.4067	36.06	2.04	38.10	46.00	-7.90	QP			

Figure 3: Test figure of spurious emissions, mode A.1, Horizontal polarity (1GHz –18GHz)



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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.: LGW2017 #2280

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: SoundMoovz

Mode: TX 2402MHz

Model: BMZ001

Manufacturer: Dmet Products Corp.

Polarization: Horizontal

Power Source: DC 3V

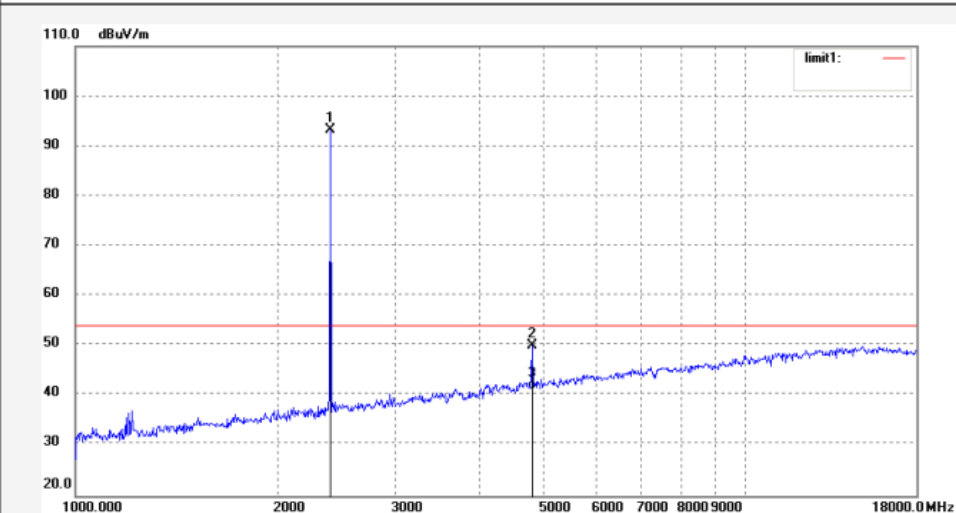
Date: 2017/05/20

Time:

Engineer Signature: WADE

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	2402.000	94.79	-1.61	93.18	/	/	peak			
2	4804.023	45.04	4.90	49.94	74.00	-24.06	peak			
3	4804.023	36.31	4.90	41.21	54.00	-12.79	AVG			

Figure 4: Test figure of spurious emissions, mode A.1, Vertical polarity (1GHz – 18GHz)



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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.: LGW2017 #2281

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: SoundMoovz

Mode: TX 2402MHz

Model: BMZ001

Manufacturer: Dmet Products Corp.

Polarization: Vertical

Power Source: DC 3V

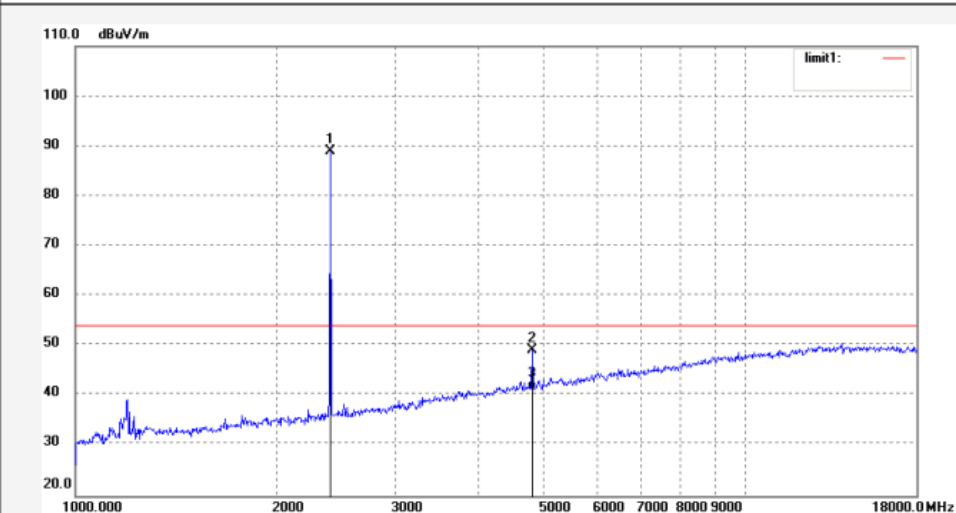
Date: 2017/05/20

Time:

Engineer Signature: WADE

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	2402.000	90.58	-1.61	88.97	/	/	peak			
2	4804.027	44.15	4.90	49.05	74.00	-24.95	peak			
3	4804.027	36.44	4.90	41.34	54.00	-12.66	AVG			

Figure 5: Test figure of spurious emissions, mode A.2, Horizontal polarity (30MHz – 1GHz)



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.: LGW2017 #2308

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: SoundMoovz

Mode: TX 2440MHz

Model: BMZ001

Manufacturer: Dmet Products Corp.

Polarization: Horizontal

Power Source: DC 3V

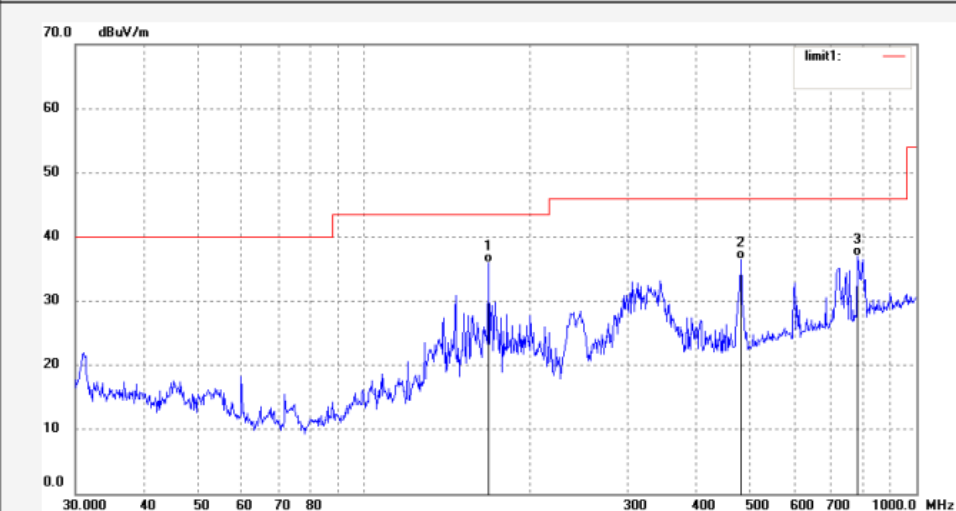
Date: 2017/05/20

Time:

Engineer Signature: WADE

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	167.8242	49.83	-13.88	35.95	43.50	-7.55	QP			
2	480.5276	41.29	-4.88	36.41	46.00	-9.59	QP			
3	782.3452	36.57	0.41	36.98	46.00	-9.02	QP			

Figure 6: Test figure of spurious emissions, mode A.2, Vertical polarity (30MHz – 1GHz)



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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.: LGW2017 #2309

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: SoundMoovz

Mode: TX 2440MHz

Model: BMZ001

Manufacturer: Dmet Products Corp.

Polarization: Vertical

Power Source: DC 3V

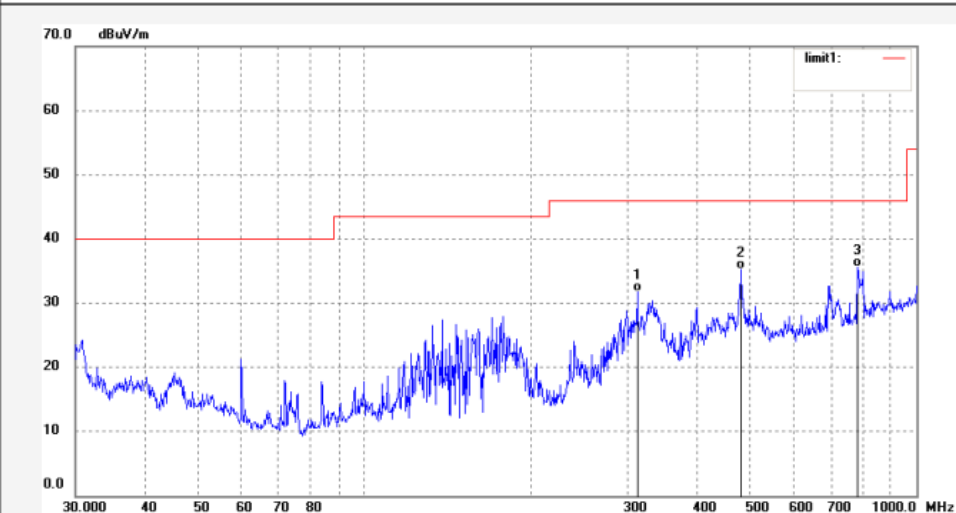
Date: 2017/05/20

Time:

Engineer Signature: WADE

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	312.1792	40.34	-8.66	31.68	46.00	-14.32	QP			
2	480.5276	40.14	-4.88	35.26	46.00	-10.74	QP			
3	782.3452	35.22	0.41	35.63	46.00	-10.37	QP			

Figure 7: Test figure of spurious emissions, mode A.2, Horizontal polarity (1GHz – 18GHz)



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.: LGW2017 #2284

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: SoundMoovz

Mode: TX 2440MHz

Model: BMZ001

Manufacturer: Dmet Products Corp.

Polarization: Horizontal

Power Source: DC 3V

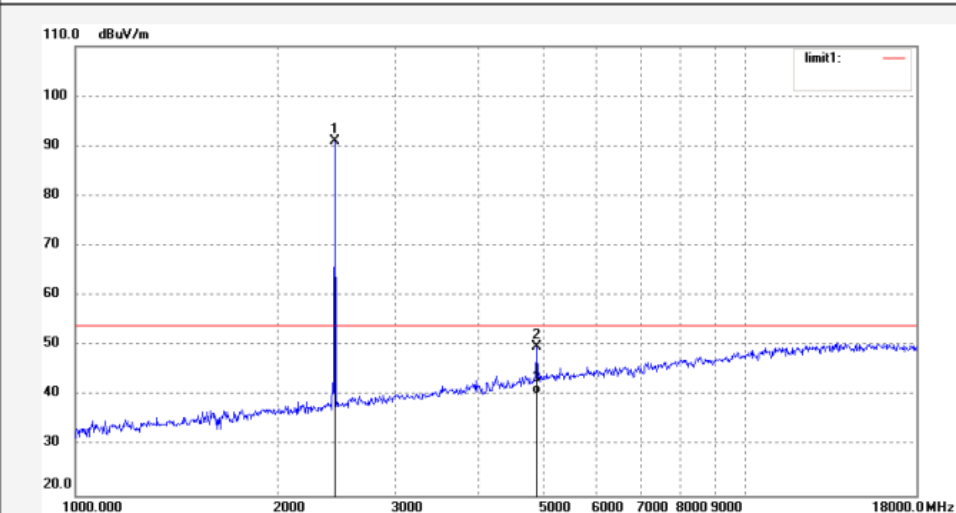
Date: 2017/05/20

Time:

Engineer Signature: WADE

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	2440.000	92.41	-1.46	90.95	/	/	peak			
2	4880.024	44.16	5.60	49.76	74.00	-24.24	peak			
3	4880.024	34.71	5.60	40.31	54.00	-13.69	AVG			

Figure 8: Test figure of spurious emissions, mode A.2, Vertical polarity (1GHz – 18GHz)



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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.: LGW2017 #2285

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: SoundMoovz

Mode: TX 2440MHz

Model: BMZ001

Manufacturer: Dmet Products Corp.

Polarization: Vertical

Power Source: DC 3V

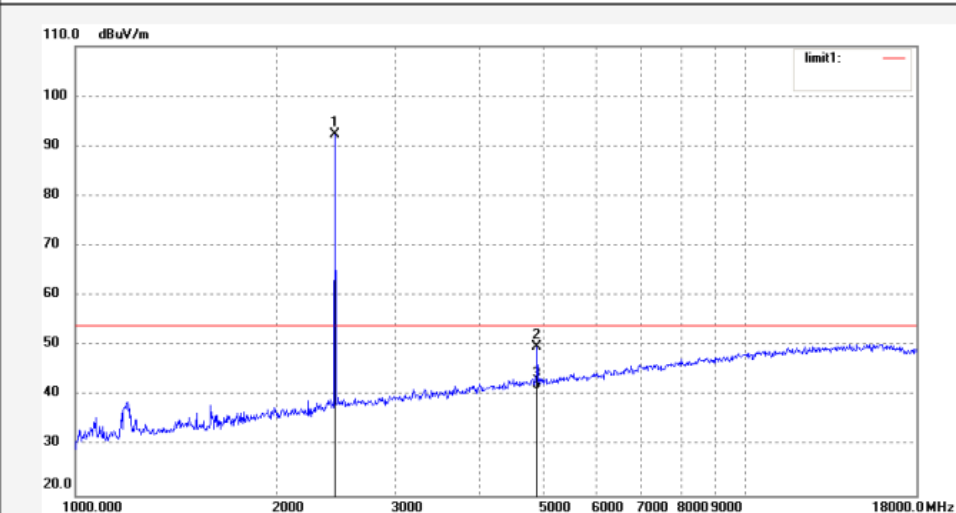
Date: 2017/05/20

Time:

Engineer Signature: WADE

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	2440.000	93.87	-1.46	92.41	/	/	peak			
2	4880.026	44.15	5.60	49.75	74.00	-24.25	peak			
3	4880.026	35.74	5.60	41.34	54.00	-12.66	AVG			

Figure 9: Test figure of spurious emissions, mode A.3, Horizontal polarity (30MHz – 1GHz)



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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.: LGW2017 #2311

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: SoundMoovz

Mode: TX 2480MHz

Model: BMZ001

Manufacturer: Dmet Products Corp.

Polarization: Horizontal

Power Source: DC 3V

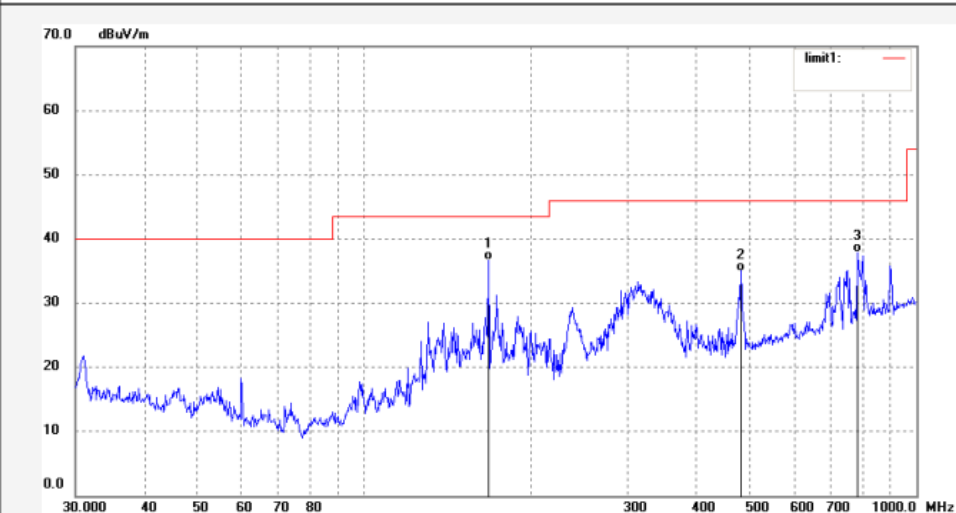
Date: 2017/05/20

Time:

Engineer Signature: WADE

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	167.8242	50.53	-13.88	36.65	43.50	-6.85	QP			
2	480.5276	39.88	-4.88	35.00	46.00	-11.00	QP			
3	782.3452	37.53	0.41	37.94	46.00	-8.06	QP			

Figure 10: Test figure of spurious emissions, mode A.3, Vertical polarity (30MHz – 1GHz)



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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.: LGW2017 #2310

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: SoundMoovz

Mode: TX 2480MHz

Model: BMZ001

Manufacturer: Dmet Products Corp.

Polarization: Vertical

Power Source: DC 3V

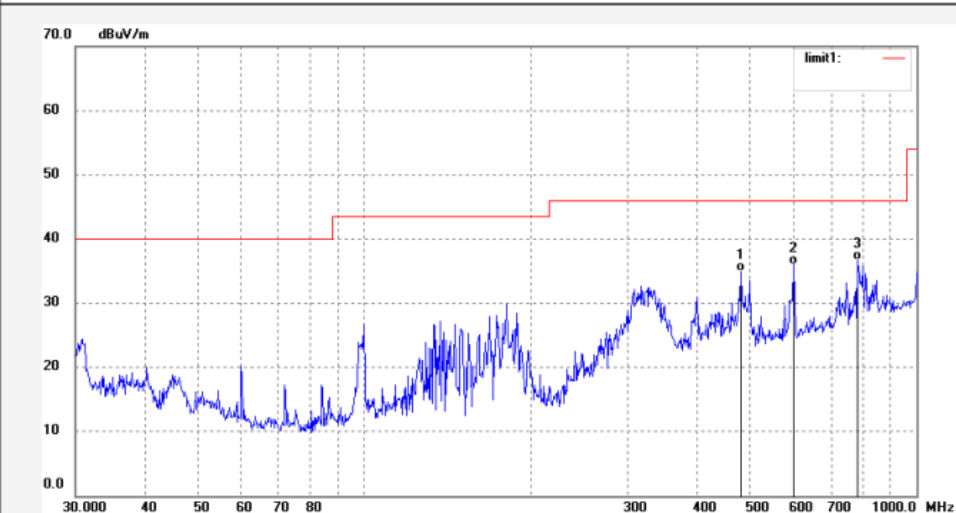
Date: 2017/05/20

Time:

Engineer Signature: WADE

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	480.5276	39.84	-4.88	34.96	46.00	-11.04	QP			
2	599.3212	38.42	-2.38	36.04	46.00	-9.96	QP			
3	782.3452	36.17	0.41	36.58	46.00	-9.42	QP			

Figure 11: Test figure of spurious emissions, mode A.3, Horizontal polarity (1GHz –18GHz)



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.: LGW2017 #2287

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: SoundMoovz

Mode: TX 2480MHz

Model: BMZ001

Manufacturer: Dmet Products Corp.

Polarization: Horizontal

Power Source: DC 3V

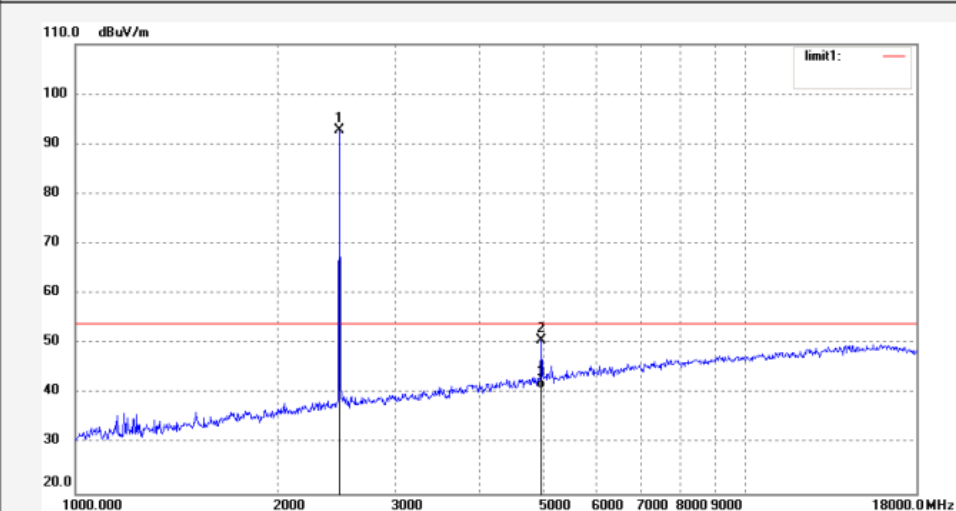
Date: 2017/05/20

Time:

Engineer Signature: WADE

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	2480.000	94.28	-1.40	92.88	/	/	peak			
2	4960.025	44.64	6.10	50.74	74.00	-23.26	peak			
3	4960.025	35.01	6.10	41.11	54.00	-12.89	AVG			

Figure 12: Test figure of spurious emissions, mode A.3, Vertical polarity (1GHz – 18GHz)



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.: LGW2017 #2286

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: SoundMoovz

Mode: TX 2480MHz

Model: BMZ001

Manufacturer: Dmet Products Corp.

Polarization: Vertical

Power Source: DC 3V

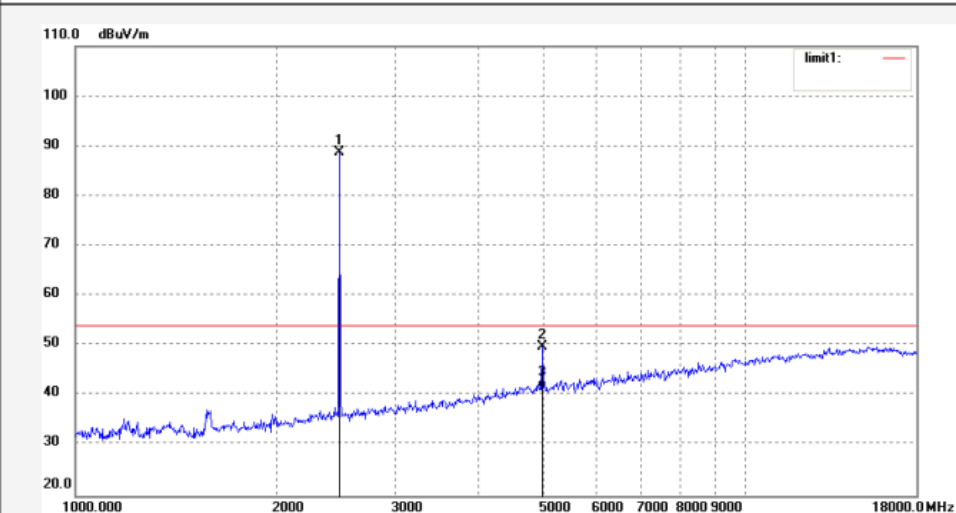
Date: 2017/05/20

Time:

Engineer Signature: WADE

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	2480.000	90.08	-1.40	88.68	/	/	peak			
2	4960.028	43.68	6.10	49.78	74.00	-24.22	peak			
3	4960.028	35.36	6.10	41.46	54.00	-12.54	AVG			

Figure 13: Test figure of Radiated emissions in restricted bands, Mode A.1, Horizontal

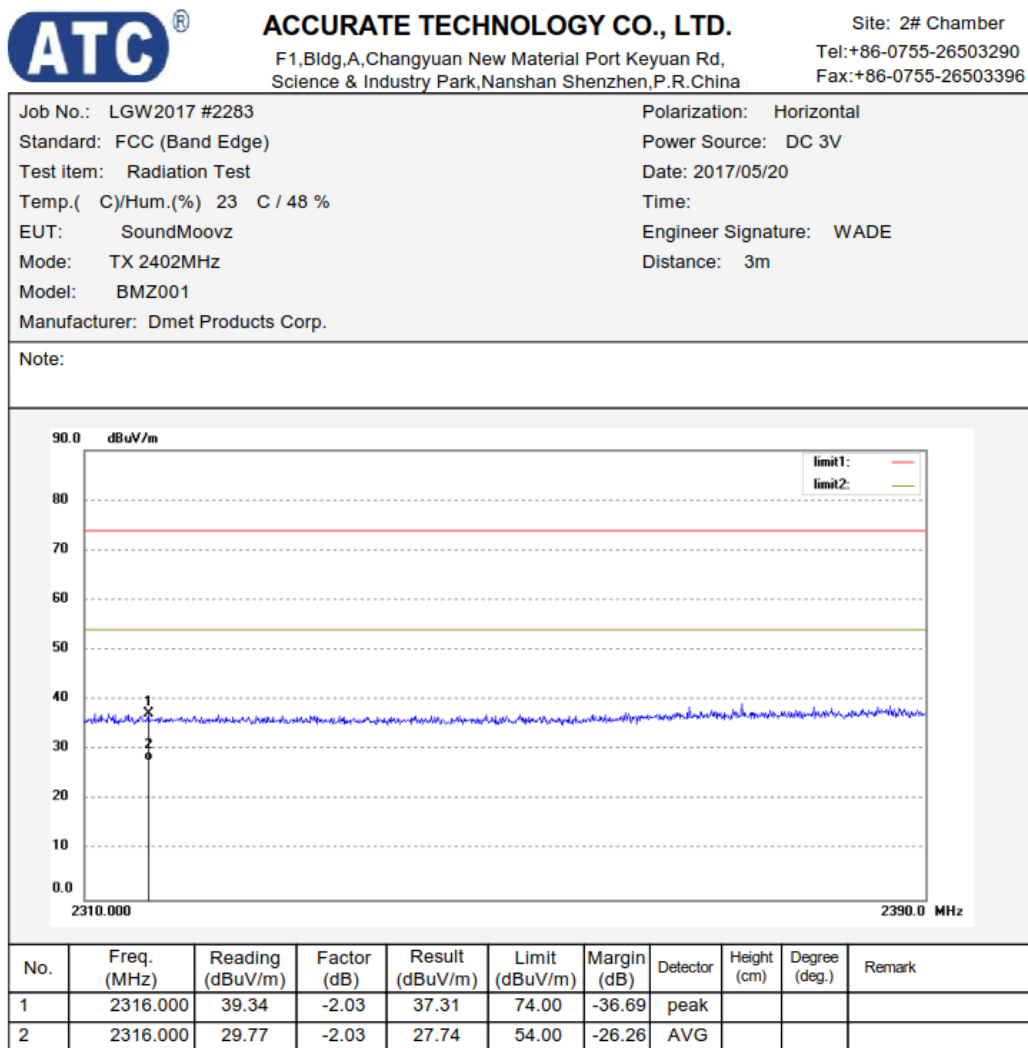


Figure 14: Test figure of Radiated emissions in restricted bands, Mode A.1, Vertical

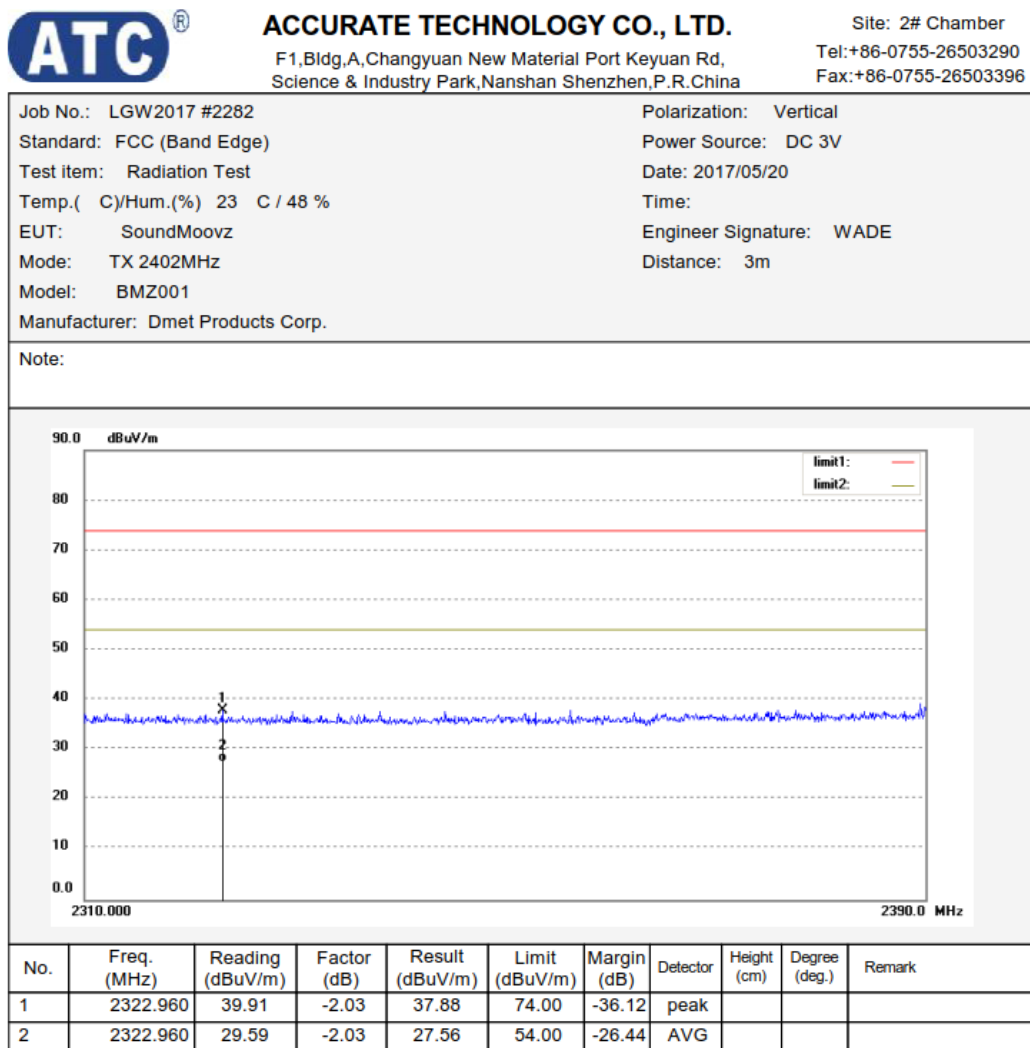


Figure 15: Test figure of Radiated emissions in restricted bands, Mode A.3, Horizontal

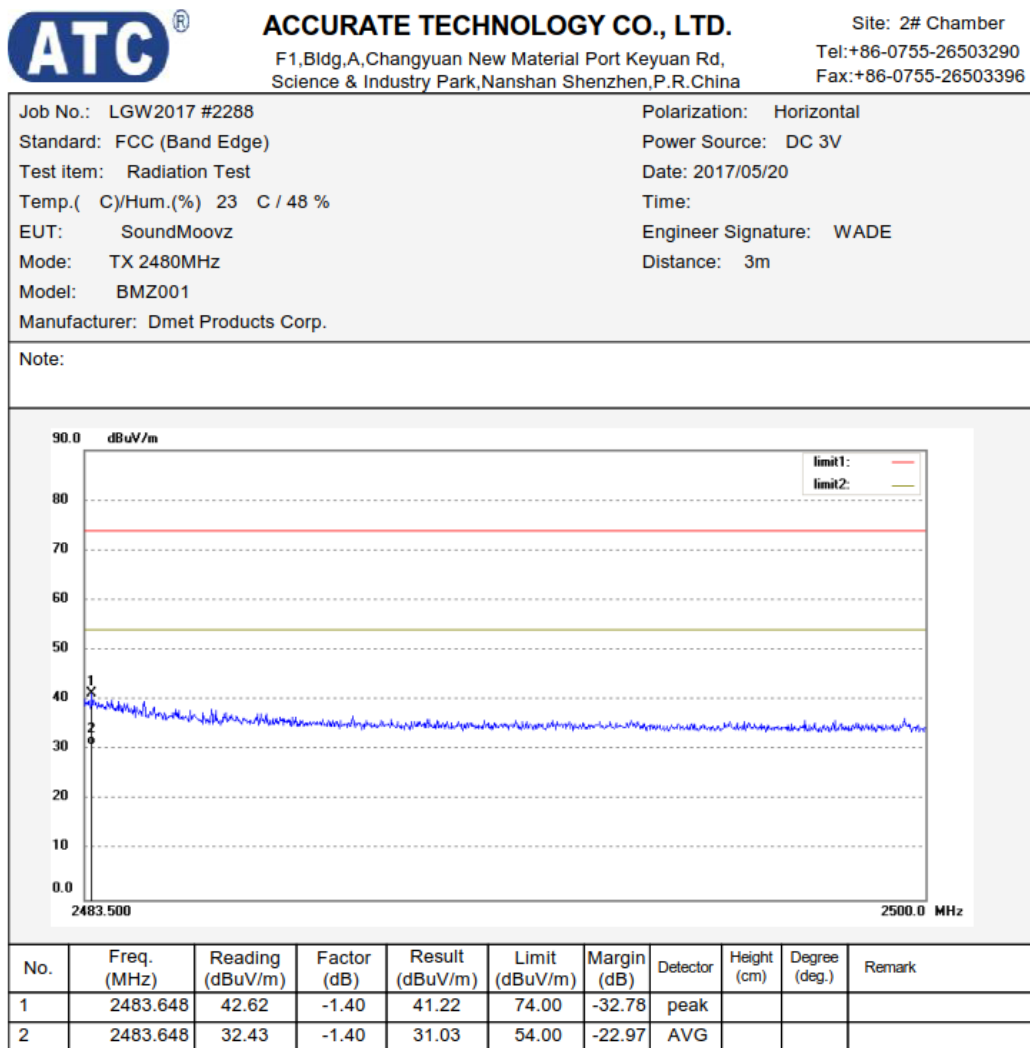


Figure 16: Test figure of Radiated emissions in restricted bands, Mode A.3, Vertical

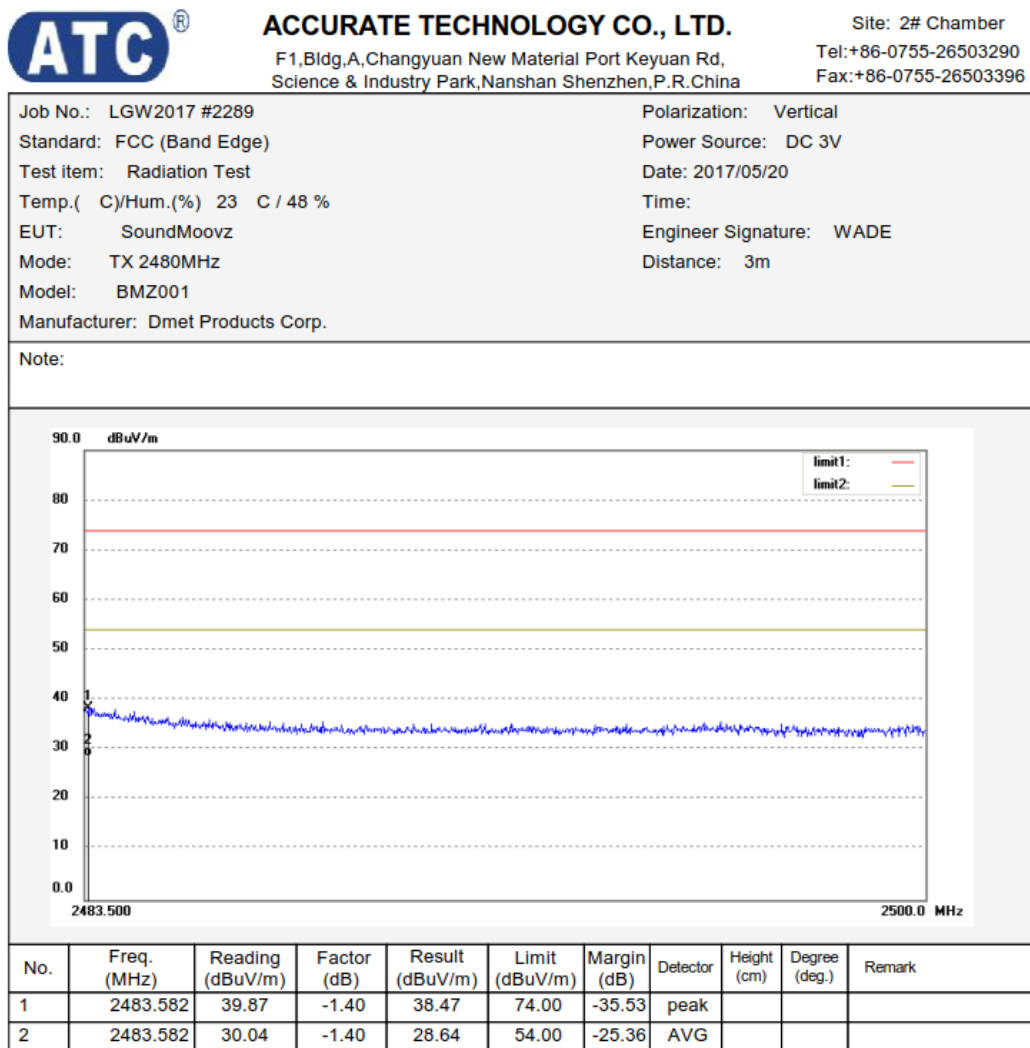


Figure 17: Test figure of conducted emissions in 100kHz Bandwidth, Mode A.1

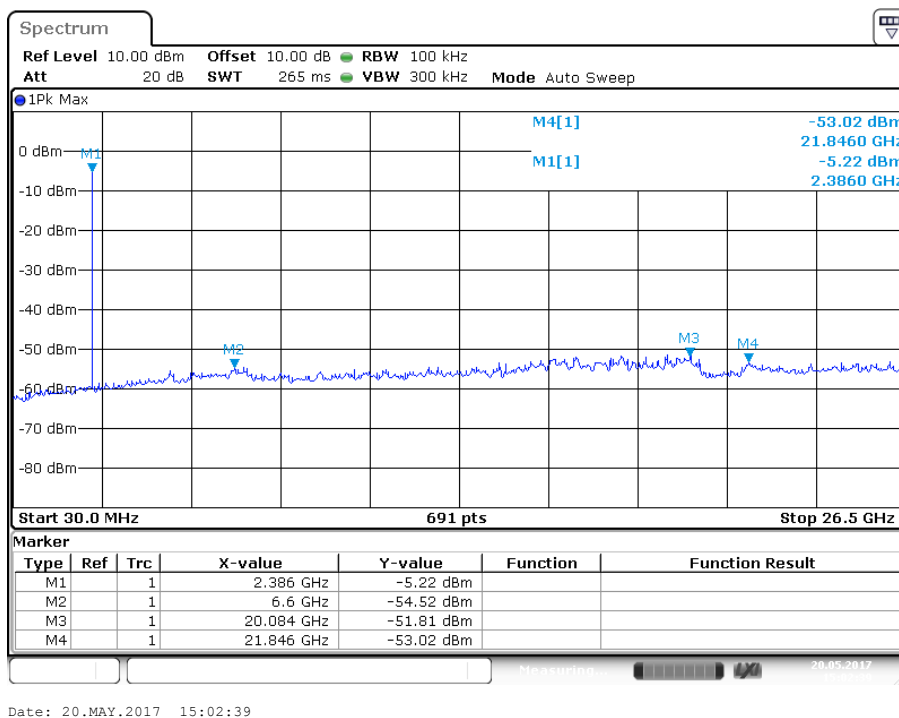


Figure 18: Test figure of conducted emissions in 100kHz Bandwidth, Mode A.2

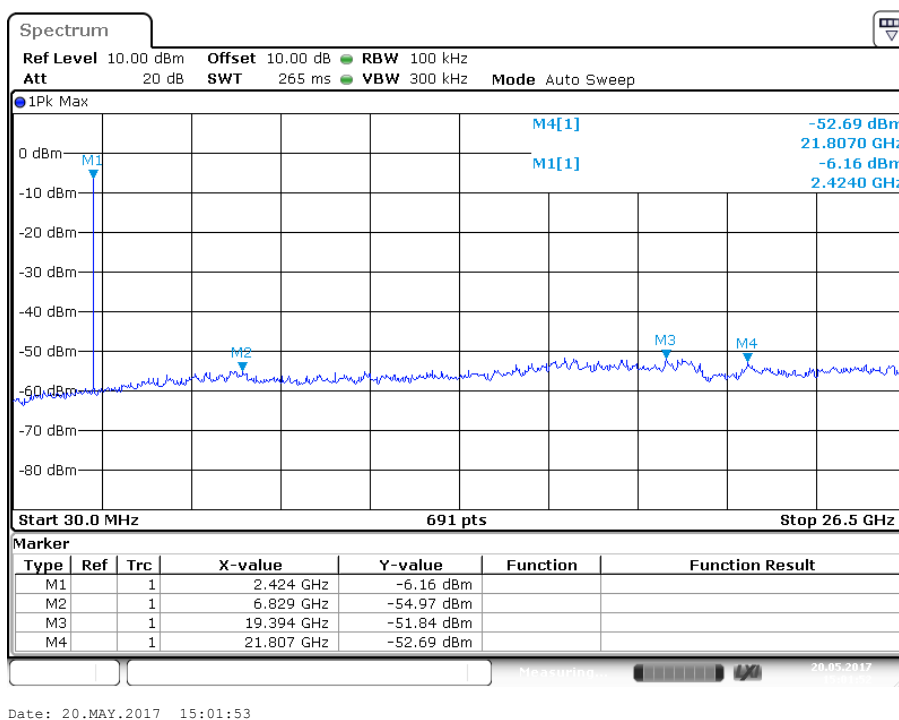


Figure 19: Test figure of conducted emissions in 100kHz Bandwidth, Mode A.3

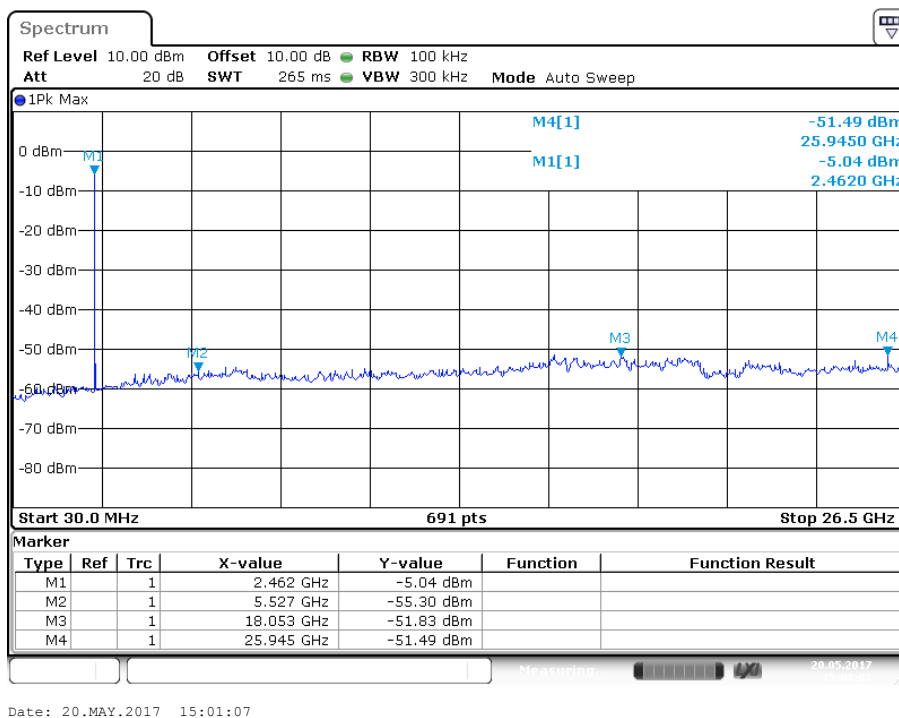


Figure 20: Test figure of Frequency Band Edge in 100kHz Bandwidth, Mode A.1

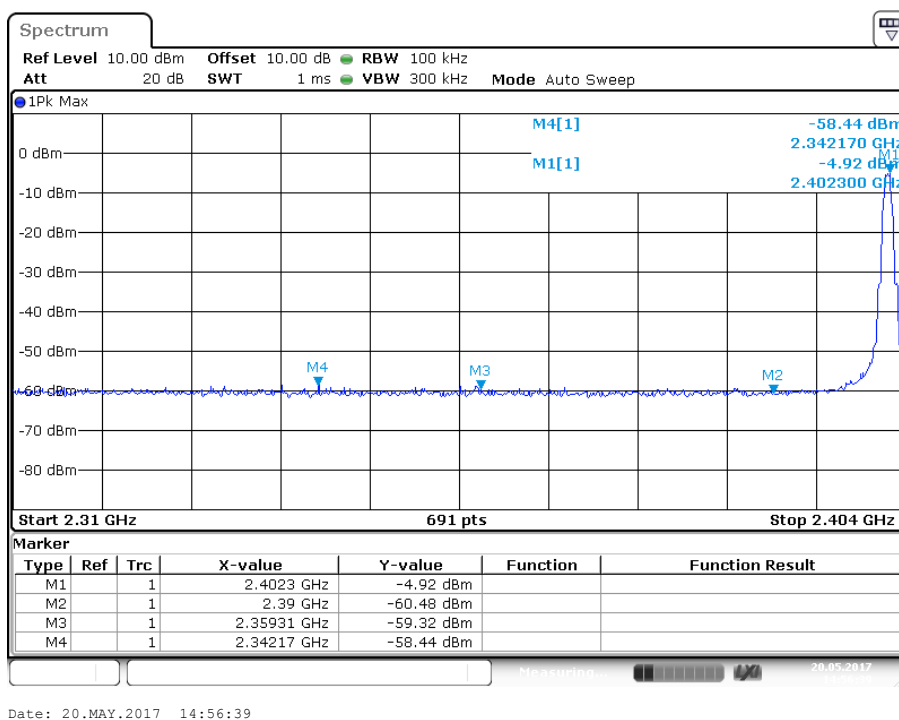
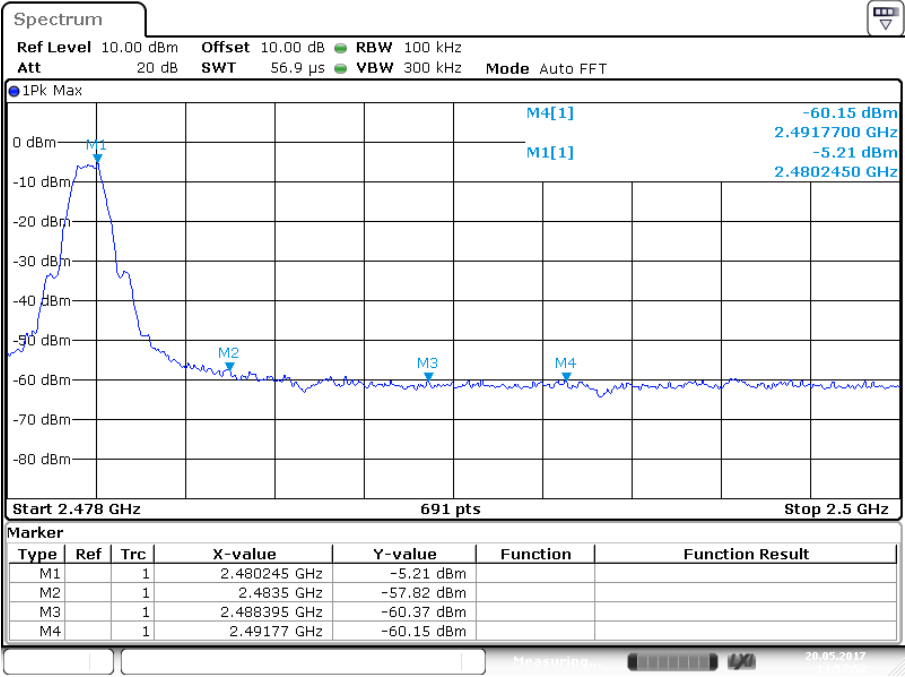


Figure 21: Test figure of Frequency Band Edge in 100kHz Bandwidth, Mode A.3



Date: 20.MAY.2017 14:57:52