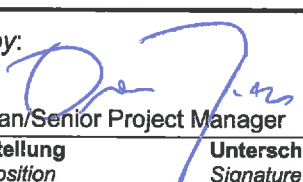
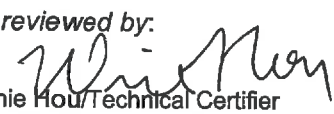


Prüfbericht-Nr.: <i>Test Report No.:</i>	17058547 001	Auftrags-Nr.: <i>Order No.:</i>	164045165	Seite 1 von 61 <i>Page 1 of 61</i>
Kunden-Referenz-Nr.: <i>Client Reference No.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	28.02.2016	
Auftraggeber: <i>Client:</i>	Testo AG, Testostrasse 1, 79853 Lenzkirch, Germany			
Prüfgegenstand: <i>Test item:</i>	Clamp Meter			
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	testo 770-3 (Testo)			
Auftrags-Inhalt: <i>Order content:</i>	FCC/IC Certification			
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15: Subpart C Section 15.247 CFR47 FCC Part 15: Subpart B Section 15.109 RSS-247 Issue 1 May 2015 ICES-003 Issue 6 January 2016 CFR47 FCC Part 15: Subpart C Section 15.209 FCC KDB Publication 447498 D01 v06 RSS-Gen Issue 4 November 2014 RSS-102 Issue 5 March 2015			
Wareneingangsdatum: <i>Date of receipt:</i>	28.02.2016			
Prüfmuster-Nr.: <i>Test sample No.:</i>	1600238, 1600239, 1600240			
Prüfzeitraum: <i>Testing period:</i>	27.02.2016 - 01.03.2016			
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: 07.06.2016 Owen Tian/Senior Project Manager  Unterschrift <i>Signature</i>		kontrolliert von / reviewed by: 07.06.2016 Winnie Hou/Technical Certifier  Unterschrift <i>Signature</i>		
Sonstiges / Other: 				
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 specification(s) F(ail) = failed a.m. test specification(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 nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <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: Pass***5.1.2 PEAK OUTPUT POWER***RESULT: Pass***5.1.3 6dB BANDWIDTH AND 99% BANDWIDTH***RESULT: Pass***5.1.4 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100KHz BANDWIDTH***RESULT: Pass***5.1.5 POWER SPECTRAL DENSITY***RESULT: Pass***5.1.6 SPURIOUS EMISSION***RESULT: Pass***5.1.7 RADIATED EMISSION***RESULT: Pass***1.1.1 ELECTROMAGNETIC FIELDS***RESULT: Pass*

Contents

1.	GENERAL REMARKS	4
1.1	COMPLEMENTARY MATERIALS	4
2.	TEST SITES	4
2.1	TEST FACILITIES	4
2.2	LIST OF TEST AND MEASUREMENT INSTRUMENTS.....	5
2.3	TRACEABILITY	6
2.4	CALIBRATION	6
2.5	MEASUREMENT UNCERTAINTY.....	6
2.6	LOCATION OF ORIGINAL DATA.....	6
2.7	STATUS OF FACILITY USED FOR TESTING.....	6
3.	GENERAL PRODUCT INFORMATION	7
3.1	PRODUCT FUNCTION AND INTENDED USE.....	7
3.2	RATINGS AND SYSTEM DETAILS	7
3.3	INDEPENDENT OPERATION MODES	8
3.4	NOISE GENERATING AND NOISE SUPPRESSING PARTS	8
3.5	SUBMITTED DOCUMENTS	8
4.	TEST SET-UP AND OPERATION MODES	9
4.1	PRINCIPLE OF CONFIGURATION SELECTION.....	9
4.2	TEST OPERATION AND TEST SOFTWARE	9
4.3	SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT	9
4.4	COUNTERMEASURES TO ACHIEVE EMC COMPLIANCE.....	9
4.5	TEST SETUP DIAGRAM	10
5.	TEST RESULTS	12
5.1	TRANSMITTER REQUIREMENT & TEST SUITES	12
5.1.1	<i>Antenna Requirement</i>	<i>12</i>
5.1.2	<i>Peak Output Power</i>	<i>13</i>
5.1.3	<i>6dB Bandwidth and 99% Bandwidth.....</i>	<i>14</i>
5.1.4	<i>Conducted Spurious Emissions measured in 100kHz Bandwidth</i>	<i>15</i>
5.1.5	<i>Power spectral density</i>	<i>19</i>
5.1.6	<i>Spurious Emission</i>	<i>20</i>
5.1.7	<i>Radiated Emission</i>	<i>52</i>
1.	SAFETY HUMAN EXPOSURE	57
1.1	RADIO FREQUENCY EXPOSURE COMPLIANCE.....	57
1.1.1	<i>Electromagnetic Fields.....</i>	<i>57</i>
2.	PHOTOGRAPHS OF THE TEST SET-UP	58
3.	LIST OF TABLES	60
4.	LIST OF PHOTOGRAPHS	61

Prüfbericht - Nr.: 17058547 001
Test Report No.**Seite 4 von 61**
Page 4 of 61

1. General Remarks

1.1 Complementary Materials

None.

2. Test Sites

2.1 Test Facilities

Accurate Technology Co., Ltd.

(FCC Registration No.: 752051)

(Test site Industry Canada No.: 5077A-2)

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

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
Transmitter spurious emissions				
Spectrum Analyzer	Rohde & Schwarz	FSV40	101495	2017-01-09
Test Receiver	Rohde & Schwarz	ESCS30	100307	2017-01-09
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	2017-01-09
Loop Antenna	Schwarzbeck	FMZB1516	1516131	2017-01-09
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	2017-01-09
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	2017-01-09
RF Switching Unit+PreAMP	Compliance Direction	RSU-M2	38322	2017-01-09
Pre-Amplifier	Rohde&Schwarz	CBLU11835 40-01	3791	2017-01-09
50 Coaxial Switch	Anritsu Corp	MP59B	620050647 4	2017-01-09
RF Coaxial Cable	SUHNER	N-3m	No.8	2017-01-09
RF Coaxial Cable	RESENBERGER	N-3.5m	No.9	2017-01-09
RF Coaxial Cable	SUHNER	N-6m	No.10	2017-01-09
RF Coaxial Cable	RESENBERGER	N-12m	No.11	2017-01-09
RF Coaxial Cable	RESENBERGER	N-0.5m	No.12	2017-01-09
Radio Spectrum Test				
Spectrum Analyzer	Rohde & Schwarz	FSV40	101495	2017-01-09
Vector Signal Generator	Rohde & Schwarz	SMBV100A	260434	2017-01-09
Signal Generator	Rohde & Schwarz	SMB100A	108362	2017-01-09
Open Switch and Control Unit	Rohde & Schwarz	OSP120 + OSP-B157	101244 + 100866	2017-01-09

2.3 Traceability

All measurement equipment calibrations are traceable to NIST or where calibration is performed outside the United States, 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

Table 2: Measurement Uncertainty

Parameter	Uncertainty
Radio Spectrum	$< \pm 0.60$ dB
Radiated emission of transmitter, valid up to 26.5 GHz	$< \pm 4.42$ dB
Conducted Emission	$< \pm 2.23$ dB
Radiated Emission	$< \pm 4.42$ dB

2.6 Location of Original Data

The original copies of all test data taken during actual testing were retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

Accurate Technology Co., Ltd. test facility located at F1, Bldg. A, Changyuan New Material Port Keyuan Rd., Science & Industry Park, Nanshan, Shenzhen, 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 clamp meter with Bluetooth function, and it operates at 2.4GHz ISM frequency band.

For details refer to the User Manual and Circuit Diagram.

3.2 Ratings and System Details

Table 3: Technical Specification of Bluetooth (Low Energy mode)

Technical Specification	Value
Kind of Equipment	Clamp Meter
Type Designation	770-3
Radio Type	Bluetooth
Bluetooth version	4.0, Low Energy Single Mode
Operating Frequency band	2400 – 2483.5MHz
Operating Frequency band	2402 – 2480MHz
Channel separation	2MHz
Extreme Temperature Range	0~50°C
Operation Voltage	DC 4.5V (via 3 x 'AAA' size battery)
Modulation	GFSK
Antenna Gain	1dBi

Table 4: RF channel and frequency of Bluetooth (Low Energy mode)

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
0	2402.00	11	2424.00	22	2446.00	33	2468.00
1	2404.00	12	2426.00	23	2448.00	34	2470.00
2	2406.00	13	2428.00	24	2450.00	35	2472.00
3	2408.00	14	2430.00	25	2452.00	36	2474.00
4	2410.00	15	2432.00	26	2454.00	37	2476.00
5	2412.00	16	2434.00	27	2456.00	38	2478.00
6	2414.00	17	2436.00	28	2458.00	39	2480.00
7	2416.00	18	2438.00	29	2460.00		
8	2418.00	19	2440.00	30	2462.00		
9	2420.00	20	2442.00	31	2464.00		

10	2422.00	21	2444.00	32	2466.00	
----	---------	----	---------	----	---------	--

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, Bluetooth mode
 - 1. Transmitting
 - 2. Receiving
- B. Measure mode
- C. Standby
- D. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.5 Submitted Documents

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

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 C63.4: 2014 & ANSI C63.10: 2013.

4.3 Special Accessories and Auxiliary Equipment

None.

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

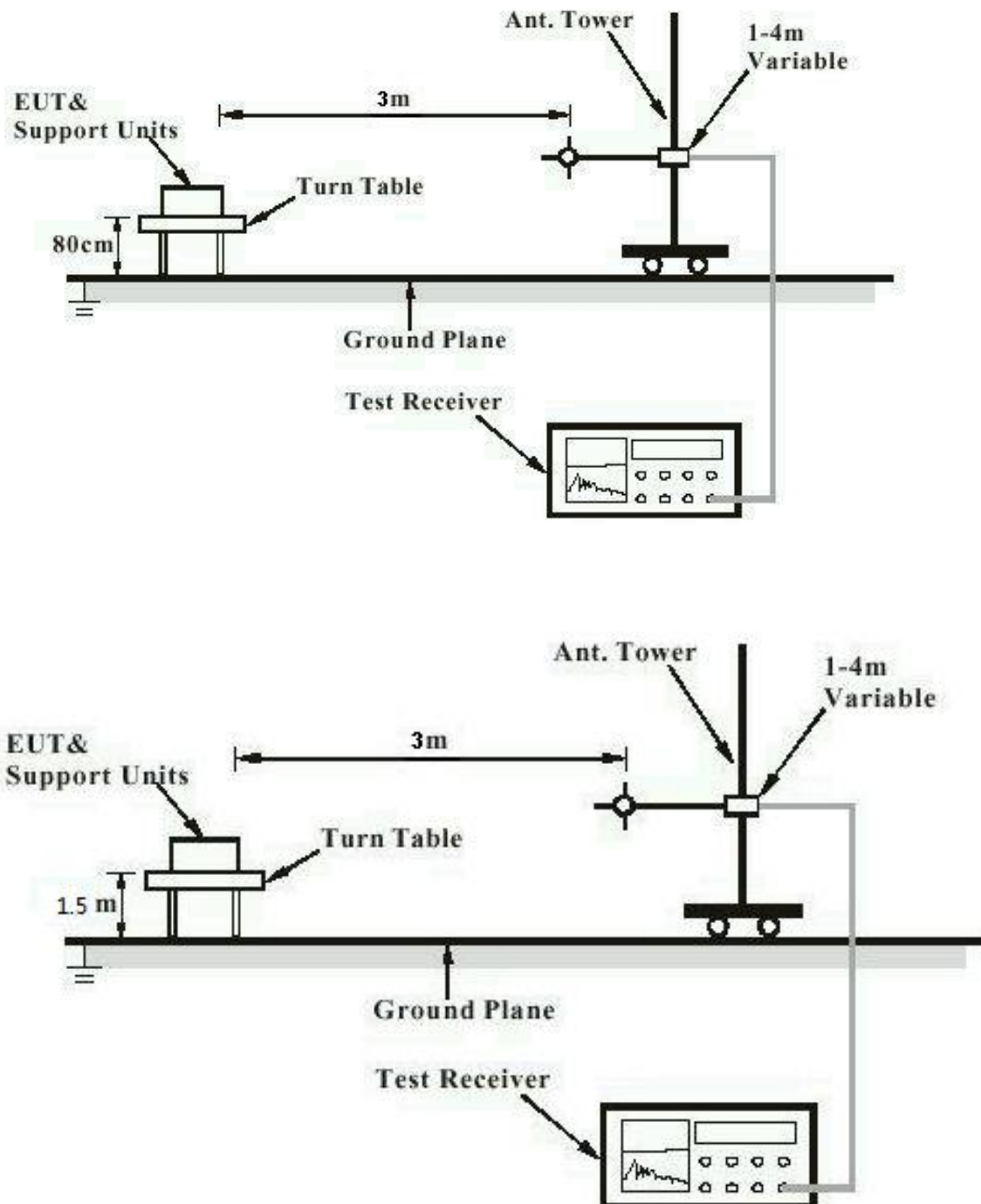
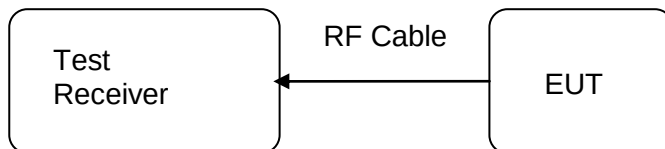


Diagram of Measurement Equipment Configuration for Transmitter Measurement



5. Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:**Pass**

Test standard	:	Part 15.203 RSS-Gen Clause 8.3
Limit		The use of antennas with directional gains that do not exceed 6dBi

According to the manufacturer declared, the EUT has an internal antenna, the directional gain of antenna is 1dBi, 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.

Prüfbericht - Nr.: 17058547 001

Test Report No.

Seite 13 von 61

Page 13 of 61

5.1.2 Peak Output Power

RESULT:**Pass**

Test date : 2016-02-27
Test standard : FCC Part 15.247(b)(3)
RSS-247 clause 5.4(4)
Basic standard : ANSI C63.10: 2013
Clause 9.1 of KDB 558074 v03r01
Limit : 1W
Kind of test site : Shielded room

Test setup

Test Channel : Low/ Middle/ High
Operation Mode : A.1
Ambient temperature : 21°C
Relative humidity : 60%
Atmospheric pressure : 101kPa

Table 5: Test result of Peak Output Power

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2402	-1.10	30
Middle Channel	2440	-1.77	30
High Channel	2480	-2.50	30

5.1.3 6dB Bandwidth and 99% Bandwidth**RESULT:****Pass**

Date of testing : 2016-02-27
Test standard : FCC Part 15.247(a)(2)
RSS-247 clause 5.2(1)
RSS-Gen clause 6.6
Basic standard : ANSI C63.10: 2013
Clause 8 of KDB 558074 v03r01
Kind of test site : Shielded room

Test setup

Test Channel : Low/ Middle/ High
Operation Mode : A.1
Ambient temperature : 21°C
Relative humidity : 60%
Atmospheric pressure : 101kPa

Table 6: Test result of 6dB & 99% Bandwidth

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	Limit of 6dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2402	0.7163	≥0.5	1.111
Mid Channel	2440	0.7120	≥0.5	1.090
High Channel	2480	0.7163	≥0.5	1.085

Prüfbericht - Nr.: 17058547 001

Test Report No.

Seite 15 von 61

Page 15 of 61

5.1.4 Conducted Spurious Emissions measured in 100kHz Bandwidth**RESULT:****Pass**

Date of testing	:	2016-02-27
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);
Kind of test site	:	Shield room

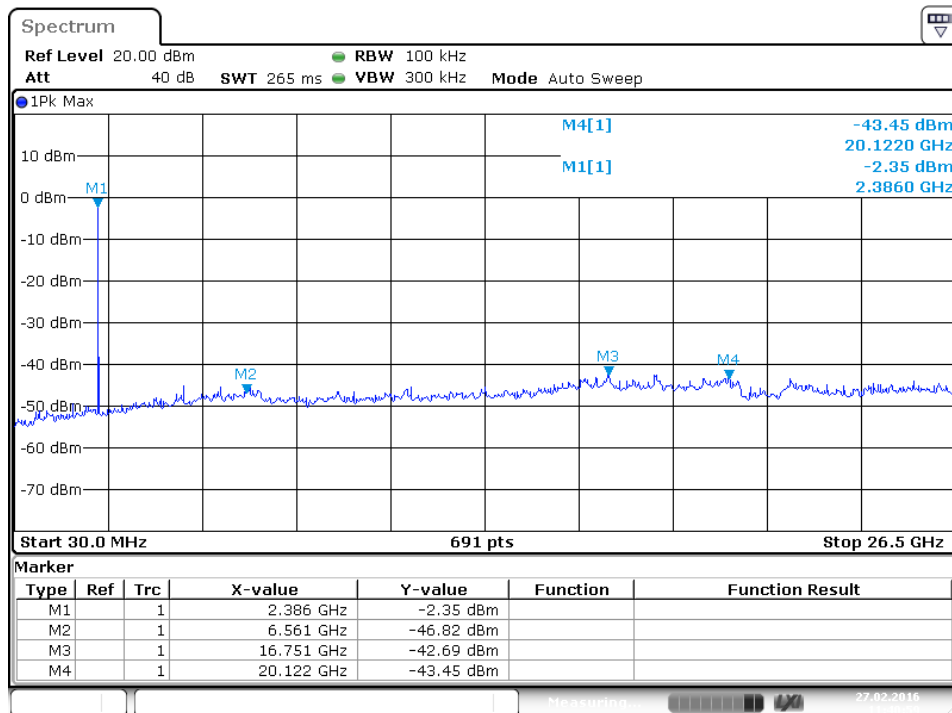
Test setup

Test Channel	:	Low/ Middle/ High
Operation mode	:	A.1
Ambient temperature	:	21°C
Relative humidity	:	60%
Atmospheric pressure	:	101kPa

For details refer to following test plot.

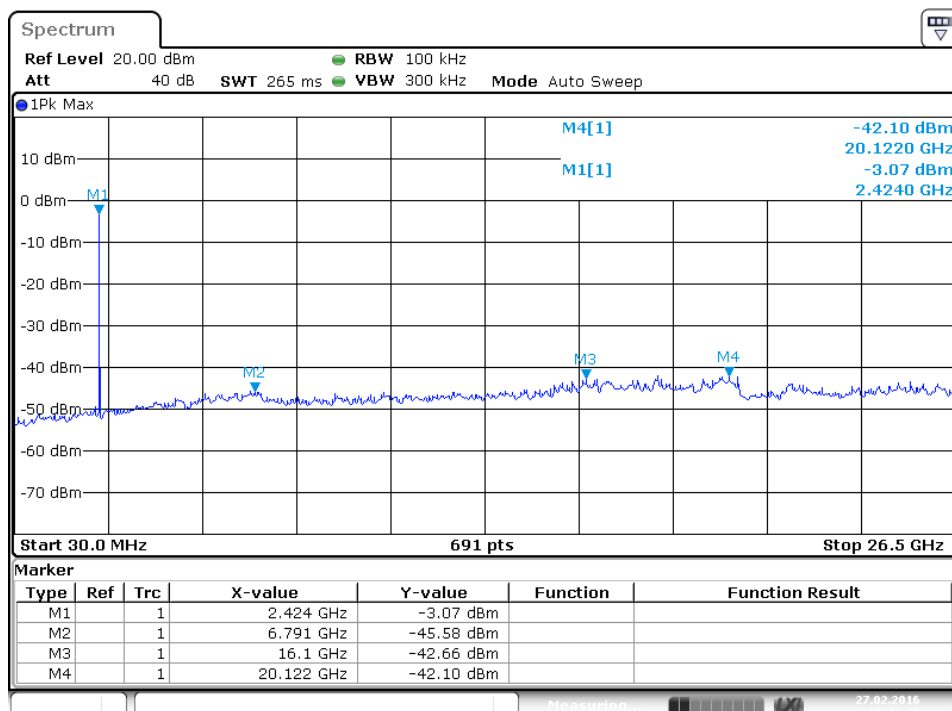
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth

Low Channel



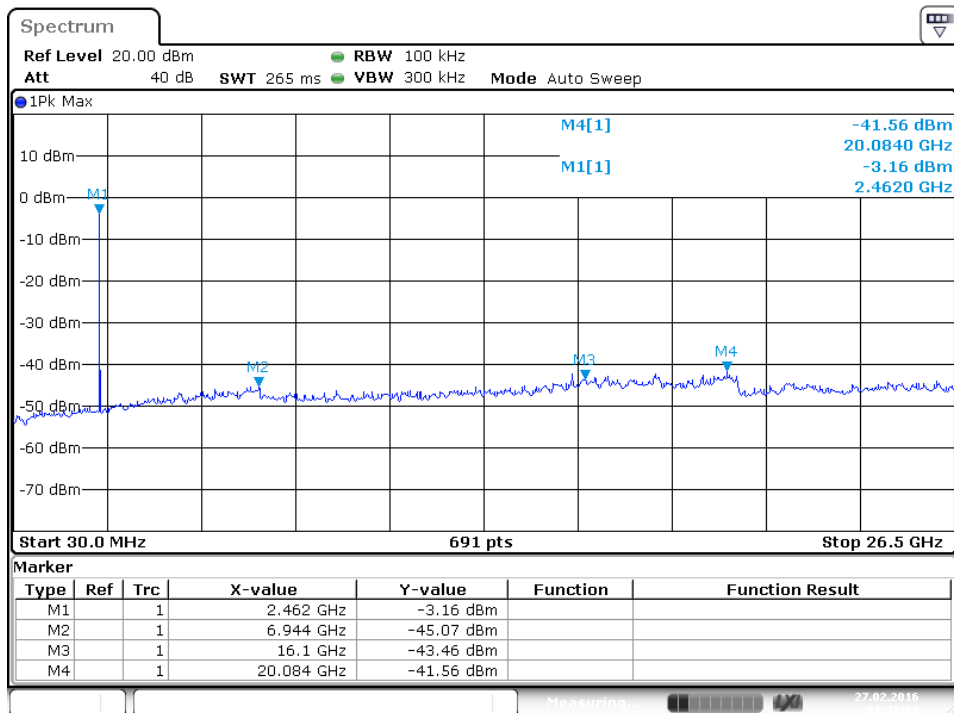
Date: 27.FEB.2016 11:41:00

Middle Channel

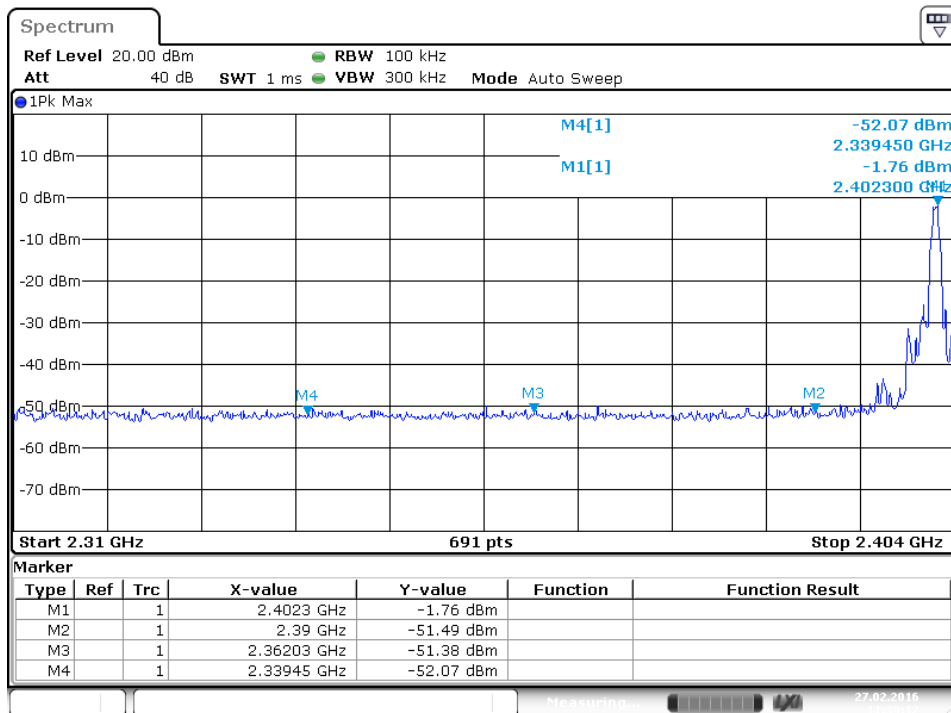


Date: 27.FEB.2016 11:41:49

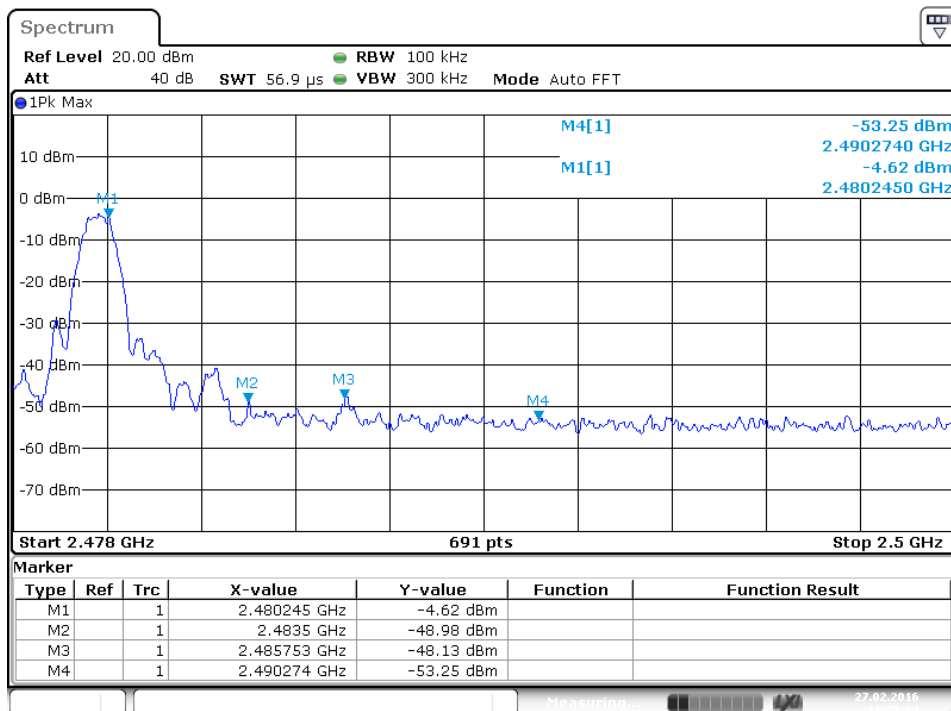
High Channel



Date: 27.FEB.2016 11:42:40

Band Edge


Date: 27.FEB.2016 11:39:12



Date: 27.FEB.2016 11:37:14

Prüfbericht - Nr.: 17058547 001

Test Report No.

Seite 19 von 61

Page 19 of 61

5.1.5 Power spectral density**RESULT:****Pass**

Date of testing : 2016-02-27
Test standard : FCC part 15.247(e)
RSS-247 clause 5.2(2)
Basic standard : ANSI C63.10: 2013
Clause 10 of KDB 558074 v03r01
Limit : 8dBm/3kHz
Kind of test site : Shield room

Test setup

Test Channel : Low/ Middle/ High
Operation mode : A.1
Ambient temperature : 21°C
Relative humidity : 60%
Atmospheric pressure : 101kPa

Table 7: Test result of power spectral density:

Mode	Channel (MHz)	Result (dBm/3kHz)	Limit (dBm/3kHz)	Conclusion
Bluetooth Low Energy mode	2402	-13.92	8	Pass
	2440	-13.53	8	Pass
	2480	-14.07	8	Pass

Prüfbericht - Nr.: 17058547 001

Test Report No.

Seite 20 von 61

Page 20 of 61

5.1.6 Spurious Emission

RESULT:**Pass**

Date of testing	:	2016-03-01
Test standard	:	FCC part 15.247(d) RSS-Gen
Basic standard	:	ANSI C63.10: 2013 Clause 11 of KDB 558074 v03r01
Limits	:	FCC part 15.209(a)
Kind of test site	:	3m Semi-Anechoic Chamber & Anechoic Chamber

Test setup

Test Channel	:	Low/ Middle/ High
Operation mode	:	A.1
Ambient temperature	:	23°C
Relative humidity	:	48%
Atmospheric pressure	:	101kPa

For details refer to following test plot.

Test Plot of Spurious Emission

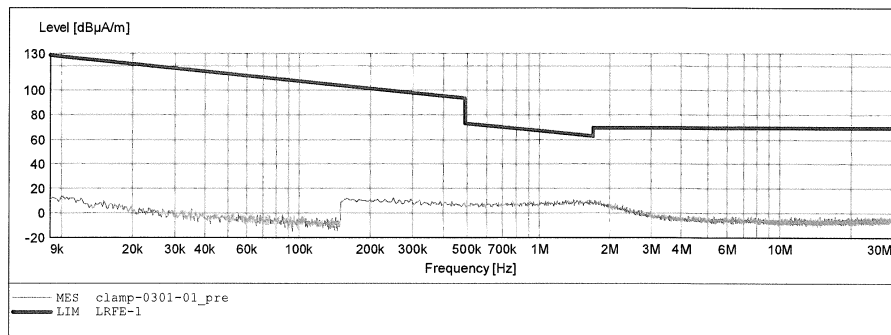
ACCURATE TECHNOLOGY CO., LTD

FCC Class B 3m Radiated

EUT: Clamp Meter M/N:770-3
 Manufacturer: Testo AG
 Operating Condition: TX 2402MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: DC 4.5V
 Comment: X
 Start of Test: 2016-3-1 /

SCAN TABLE: "LFRE Fin"

Short Description: _SUB_STD_VTERM2 1.70			Detector	Meas. Time	IF Bandw.	Transducer
Start Frequency	Stop Frequency	Step Width				
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

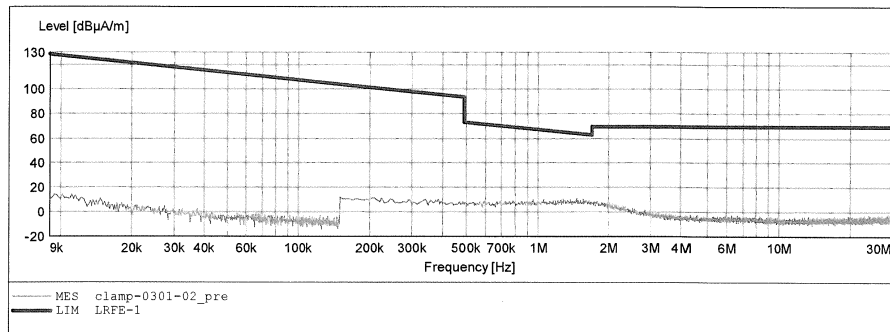


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Clamp Meter M/N:770-3
 Manufacturer: Testo AG
 Operating Condition: TX 2402MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: DC 4.5V
 Comment: Y
 Start of Test: 2016-3-1 /

SCAN TABLE: "LFRE Fin"

Short Description:				_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer	
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M	
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M	

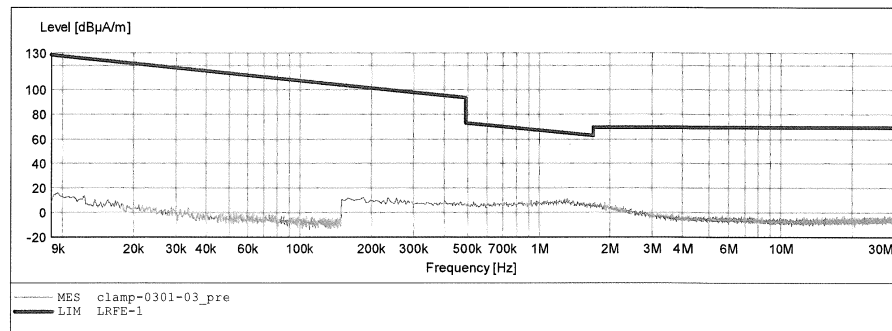


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Clamp Meter M/N:770-3
 Manufacturer: Testo AG
 Operating Condition: TX 2402MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: DC 4.5V
 Comment: Z
 Start of Test: 2016-3-1 /

SCAN TABLE: "LFRE Fin"

Short Description: _SUB_STD_VTERM2 1.70						
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

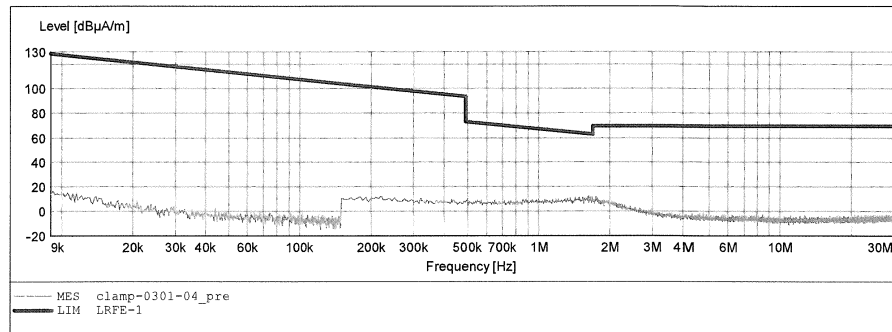


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Clamp Meter M/N:770-3
 Manufacturer: Testo AG
 Operating Condition: TX 2440MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: DC 4.5V
 Comment: X
 Start of Test: 2016-3-1 /

SCAN TABLE: "LFRE Fin"

Short Description: _SUB_STD_VTERM2 1.70						
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

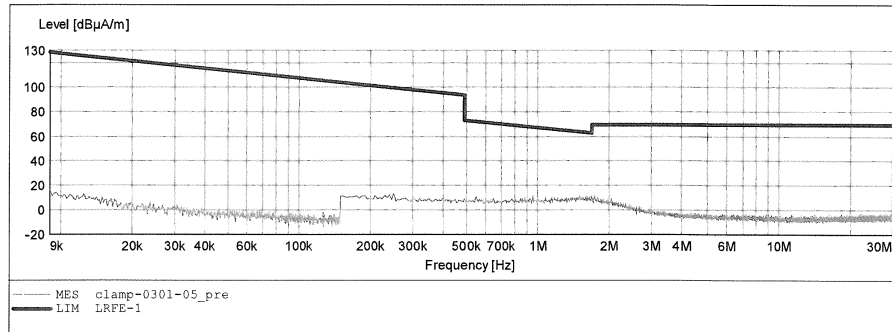


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Clamp Meter M/N:770-3
 Manufacturer: Testo AG
 Operating Condition: TX 2440MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: DC 4.5V
 Comment: Y
 Start of Test: 2016-3-1 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

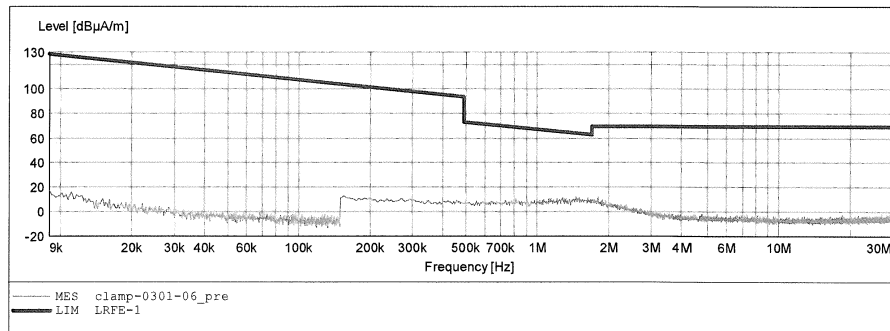


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Clamp Meter M/N:770-3
 Manufacturer: Testo AG
 Operating Condition: TX 2440MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: DC 4.5V
 Comment: Z
 Start of Test: 2016-3-1 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

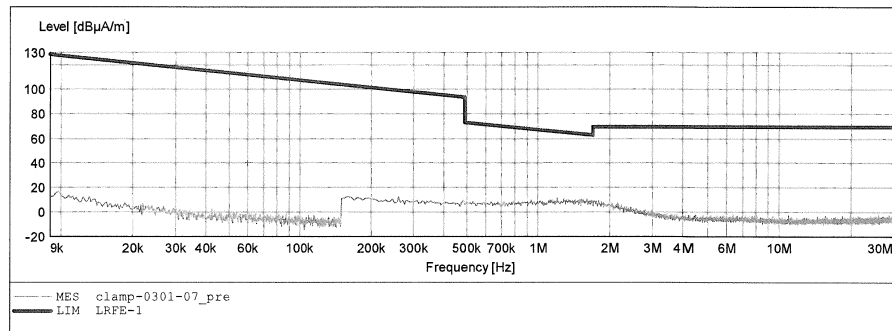


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Clamp Meter M/N:770-3
 Manufacturer: Testo AG
 Operating Condition: TX 2480MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: DC 4.5V
 Comment: X
 Start of Test: 2016-3-1 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

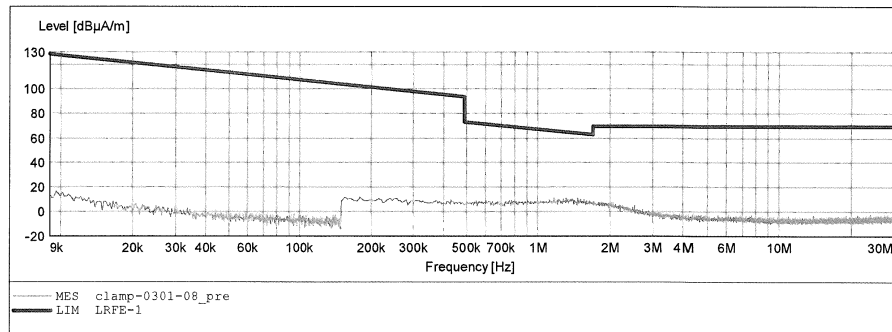


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Clamp Meter M/N:770-3
 Manufacturer: Testo AG
 Operating Condition: TX 2480MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: DC 4.5V
 Comment: Y
 Start of Test: 2016-3-1 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

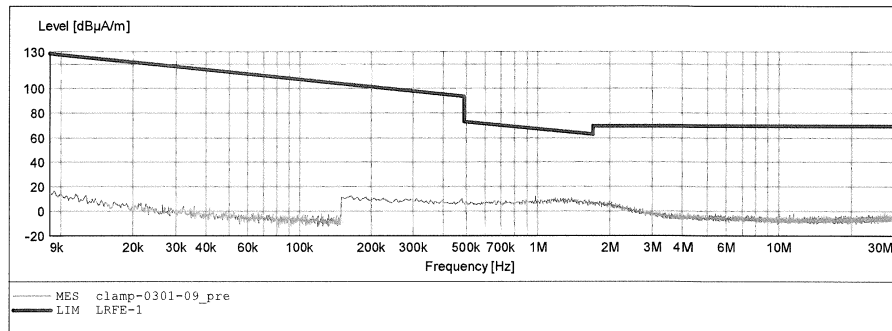


ACCURATE TECHNOLOGY CO., LTD
FCC Class B 3m Radiated

EUT: Clamp Meter M/N:770-3
 Manufacturer: Testo AG
 Operating Condition: TX 2480MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: DC 4.5V
 Comment: Z
 Start of Test: 2016-3-1 /

SCAN TABLE: "LFRE Fin"

Short Description: _SUB_STD_VTERM2 1.70				Detector	Meas. Time	IF Bandw.	Transducer
Start Frequency	Stop Frequency	Step Width					
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M	
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M	




ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

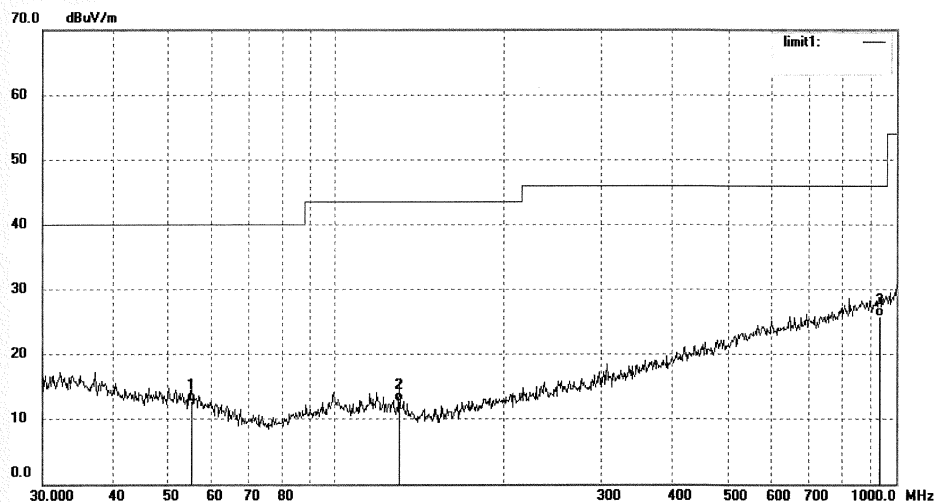
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #902
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Clamp Meter
Mode: TX 2402MHz
Model: 770-3
Manufacturer: Testo AG

Polarization: Horizontal
Power Source: DC 4.5V
Date: 16/02/27/
Time:
Engineer Signature: LGWADE
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	55.2207	25.00	-12.33	12.67	40.00	-27.33	QP			
2	130.3788	26.24	-13.54	12.70	43.50	-30.80	QP			
3	932.2714	23.95	1.85	25.80	46.00	-20.20	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

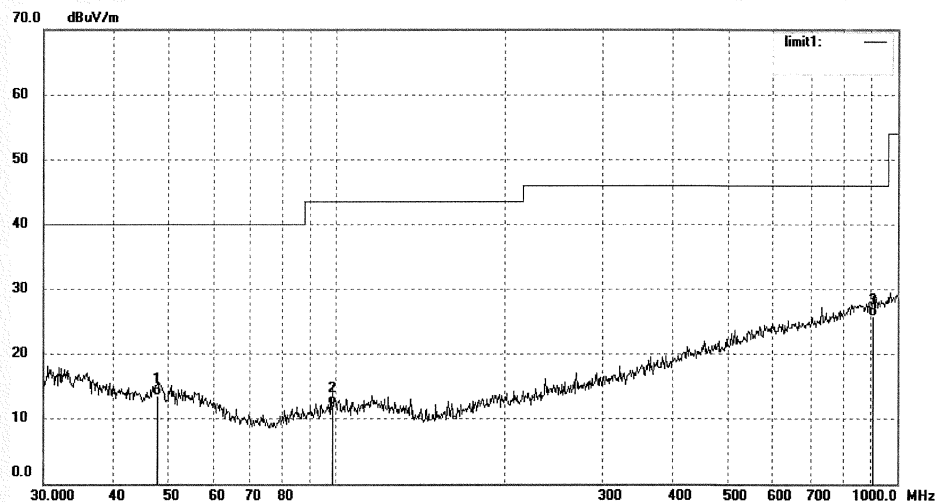
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #903
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Clamp Meter
Mode: TX 2402MHz
Model: 770-3
Manufacturer: Testo AG

Polarization: Vertical
Power Source: DC 4.5V
Date: 16/02/27/
Time:
Engineer Signature: LGWADE
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	47.8260	25.46	-11.87	13.59	40.00	-26.41	QP			
2	98.4865	25.44	-13.22	12.22	43.50	-31.28	QP			
3	903.3093	24.58	1.30	25.88	46.00	-20.12	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

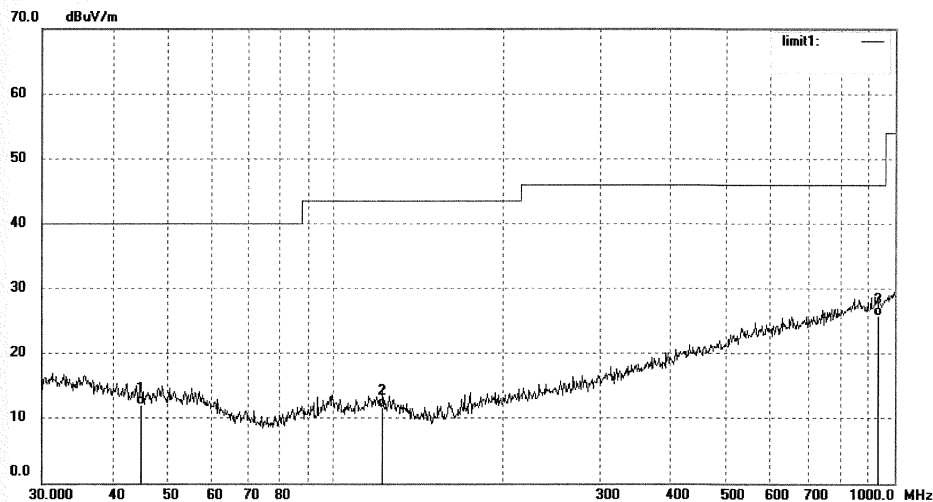
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #905
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Clamp Meter
Mode: TX 2440MHz
Model: 770-3
Manufacturer: Testo AG

Polarization: Horizontal
Power Source: DC 4.5V
Date: 16/02/27/
Time:
Engineer Signature: LGWADE
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	44.9004	23.89	-11.85	12.04	40.00	-27.96	QP			
2	122.4039	24.68	-13.08	11.60	43.50	-31.90	QP			
3	935.5462	24.00	1.86	25.86	46.00	-20.14	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

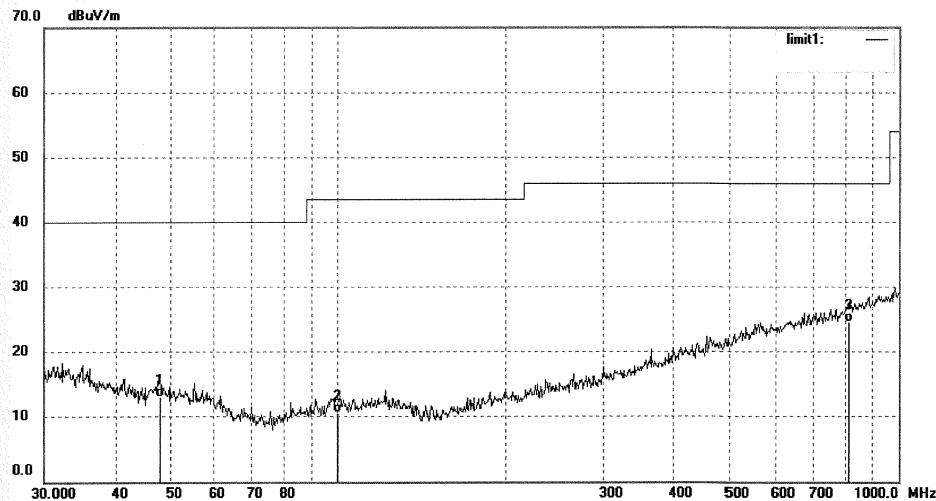
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #904
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Clamp Meter
Mode: TX 2440MHz
Model: 770-3
Manufacturer: Testo AG

Polarization: Vertical
Power Source: DC 4.5V
Date: 16/02/27/
Time:
Engineer Signature: LGWADE
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	47.9939	24.84	-11.87	12.97	40.00	-27.03	QP			
2	100.2286	23.27	-12.76	10.51	43.50	-32.99	QP			
3	810.2653	24.35	0.19	24.54	46.00	-21.46	QP			

Prüfbericht - Nr.: 17058547 001
Test Report No.
Seite 34 von 61
Page 34 of 61

ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

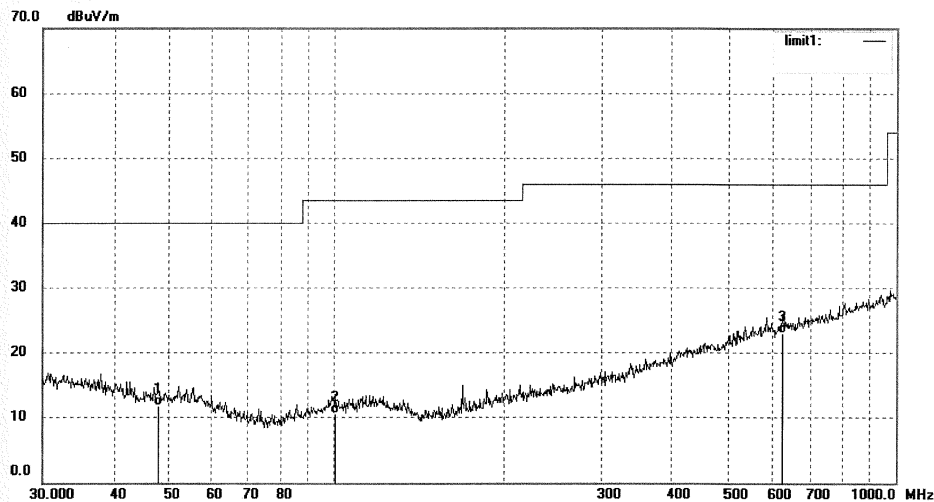
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #906
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Clamp Meter
Mode: TX 2480MHz
Model: 770-3
Manufacturer: Testo AG

Polarization: Horizontal
Power Source: DC 4.5V
Date: 16/02/27/
Time:
Engineer Signature: LGWADE
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	47.9939	23.75	-11.87	11.88	40.00	-28.12	QP			
2	100.5806	23.37	-12.81	10.56	43.50	-32.94	QP			
3	625.0779	25.65	-2.61	23.04	46.00	-22.96	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

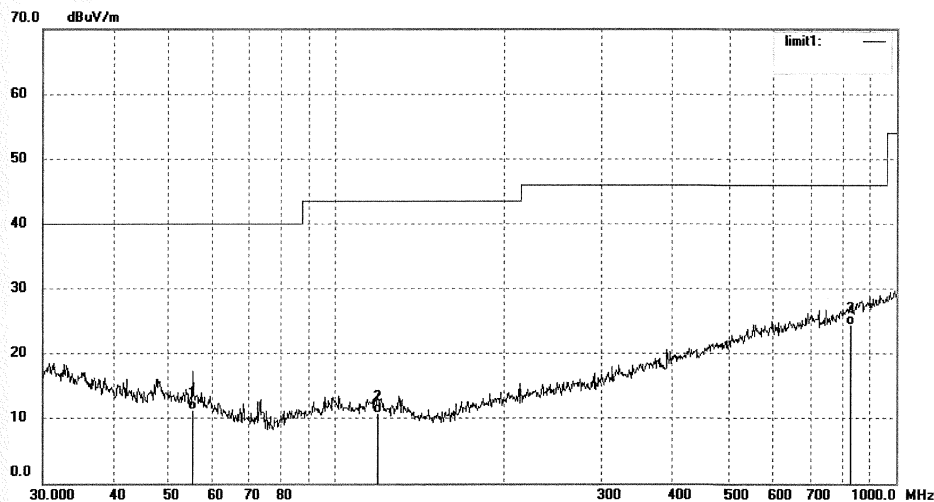
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #907
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Clamp Meter
Mode: TX 2480MHz
Model: 770-3
Manufacturer: Testo AG

Polarization: Vertical
Power Source: DC 4.5V
Date: 16/02/27/
Time:
Engineer Signature: LGWADE
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	55.2207	23.54	-12.33	11.21	40.00	-28.79	QP			
2	119.4360	23.56	-12.79	10.77	43.50	-32.73	QP			
3	827.4933	23.95	0.48	24.43	46.00	-21.57	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

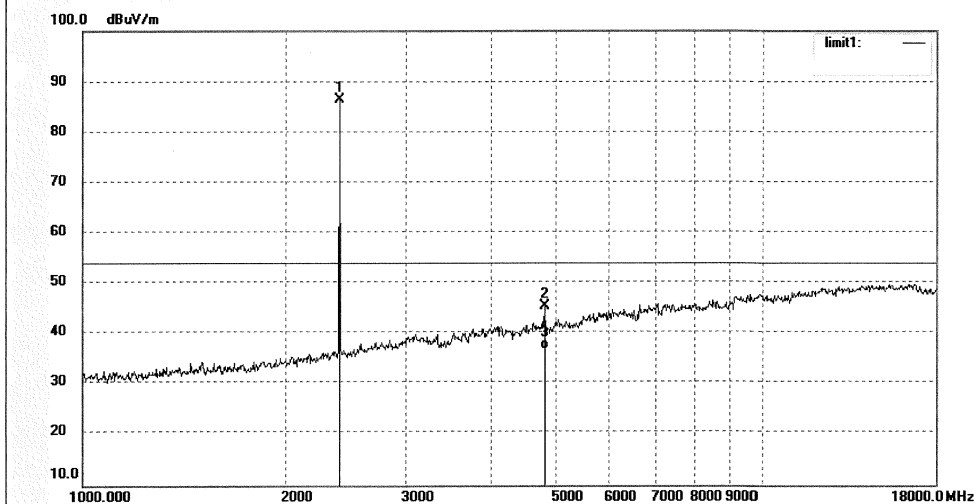
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #862
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Clamp Meter
Mode: TX 2402MHz
Model: 770-3
Manufacturer: Testo AG

Polarization: Horizontal
Power Source: DC 4.5V
Date: 16/02/27/
Time:
Engineer Signature: LGWADE
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	93.77	-7.45	86.32	/	/	peak			
2	4804.024	45.83	-0.30	45.53	74.00	-28.47	peak			
3	4804.024	37.25	-0.30	36.95	54.00	-17.05	AVG			


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.: lgwade #863

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Clamp Meter

Mode: TX 2402MHz

Model: 770-3

Manufacturer: Testo AG

Polarization: Vertical

Power Source: DC 4.5V

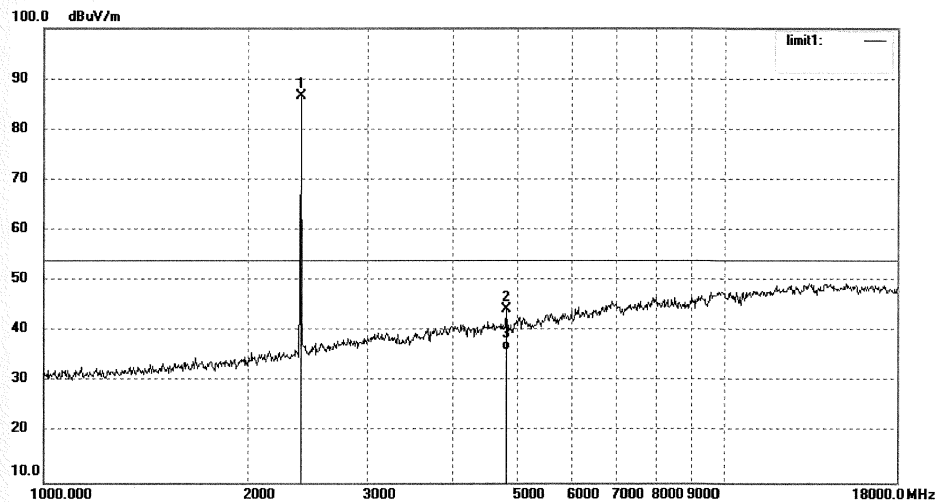
Date: 16/02/27/

Time:

Engineer Signature: LGWADE

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	94.02	-7.45	86.57	/	/	peak			
2	4804.021	44.65	-0.30	44.35	74.00	-29.65	peak			
3	4804.021	36.57	-0.30	36.27	54.00	-17.73	AVG			


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.: Igwade #866

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Clamp Meter

Mode: TX 2440MHz

Model: 770-3

Manufacturer: Testo AG

Polarization: Horizontal

Power Source: DC 4.5V

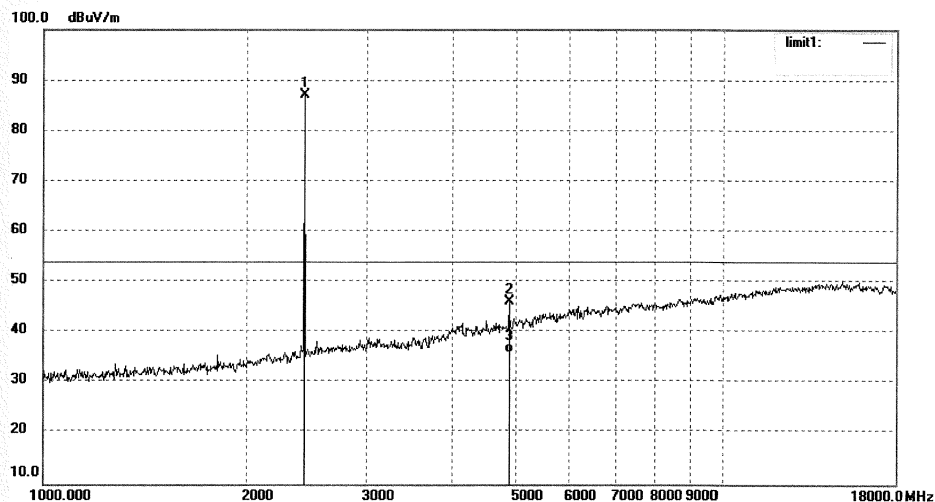
Date: 16/02/27/

Time:

Engineer Signature: LGWADE

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	94.42	-7.36	87.06	/	/	peak			
2	4880.029	45.94	0.13	46.07	74.00	-27.93	peak			
3	4880.029	35.87	0.13	36.00	54.00	-18.00	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

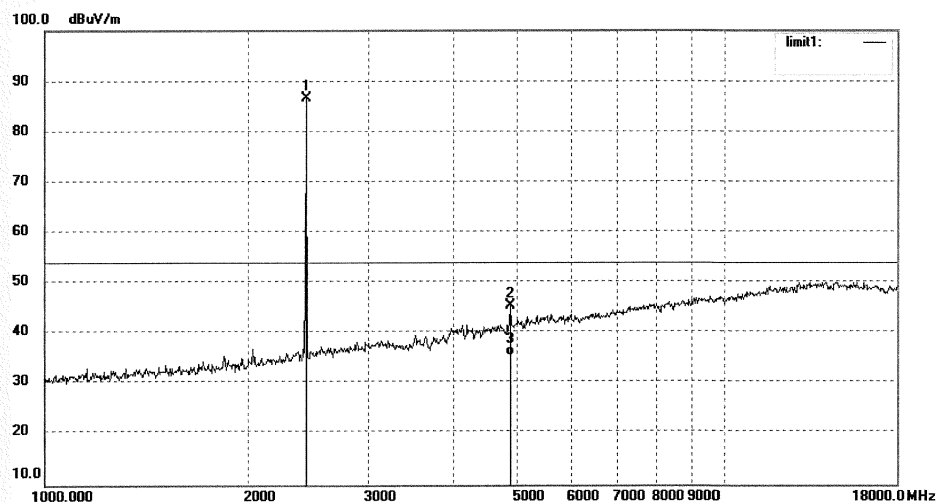
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #867
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Clamp Meter
Mode: TX 2440MHz
Model: 770-3
Manufacturer: Testo AG

Polarization: Vertical
Power Source: DC 4.5V
Date: 16/02/27/
Time:
Engineer Signature: LGWADE
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	93.96	-7.36	86.60	/	/	peak			
2	4880.025	45.38	0.13	45.51	74.00	-28.49	peak			
3	4880.025	35.45	0.13	35.58	54.00	-18.42	AVG			


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.: lgwade #869

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Clamp Meter

Mode: TX 2480MHz

Model: 770-3

Manufacturer: Testo AG

Polarization: Horizontal

Power Source: DC 4.5V

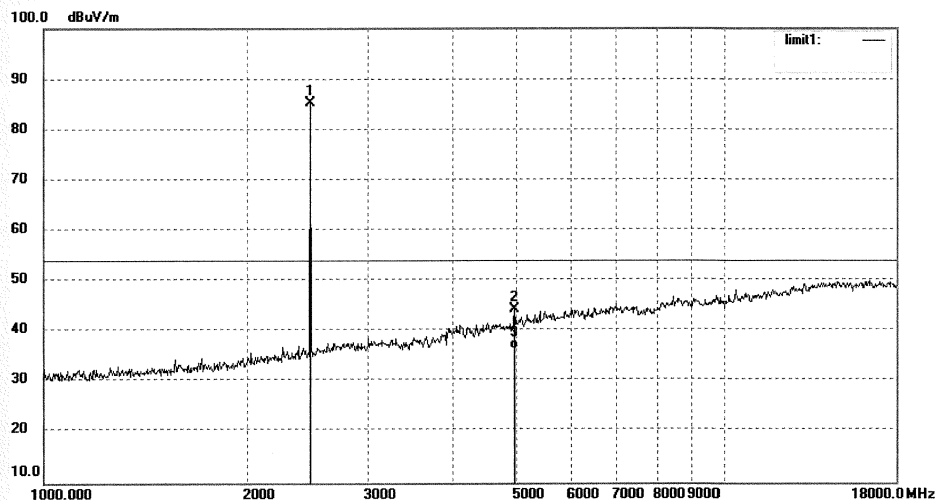
Date: 16/02/27/

Time:

Engineer Signature: LGWADE

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	92.70	-7.37	85.33	/	/	peak			
2	4960.023	43.79	0.52	44.31	74.00	-29.69	peak			
3	4960.023	35.81	0.52	36.33	54.00	-17.67	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

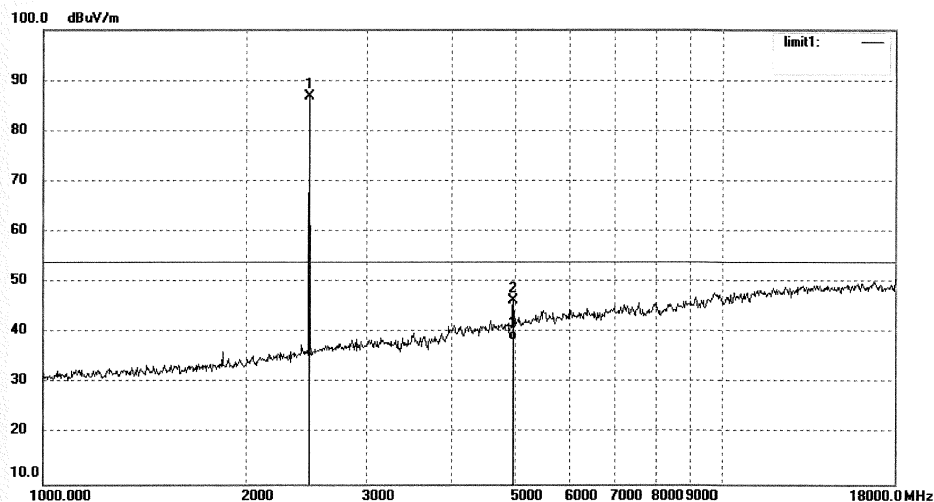
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #868
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Clamp Meter
Mode: TX 2480MHz
Model: 770-3
Manufacturer: Testo AG

Polarization: Vertical
Power Source: DC 4.5V
Date: 16/02/27/
Time:
Engineer Signature: LGWADE
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	94.31	-7.37	86.94	/	/	peak			
2	4960.022	45.79	0.52	46.31	74.00	-27.69	peak			
3	4960.022	37.92	0.52	38.44	54.00	-15.56	AVG			

Prüfbericht - Nr.: 17058547 001
Test Report No.
Seite 42 von 61
Page 42 of 61

ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

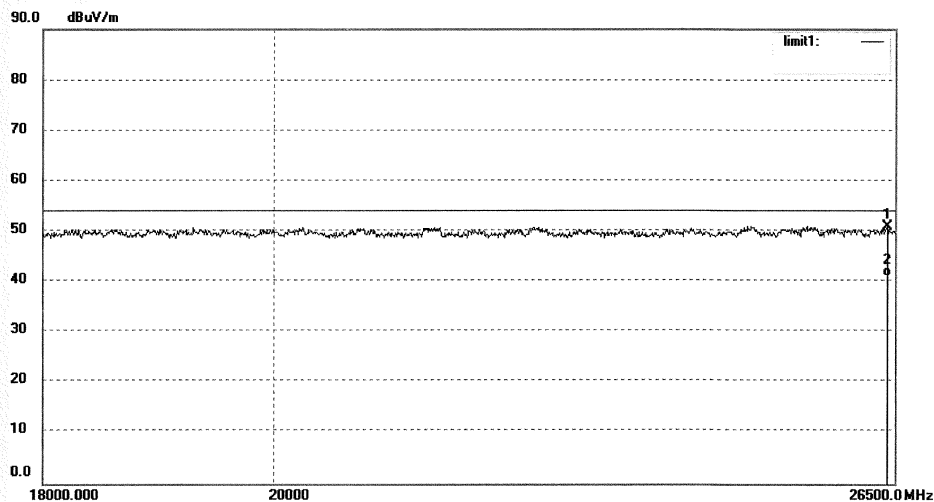
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #873
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Clamp Meter
Mode: TX 2402MHz
Model: 770-3
Manufacturer: Testo AG

Polarization: Horizontal
Power Source: DC 4.5V
Date: 16/02/27/
Time:
Engineer Signature: LGWADE
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	26407.915	34.41	16.50	50.91	74.00	-23.09	peak			
2	26407.915	24.57	16.50	41.07	54.00	-12.93	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

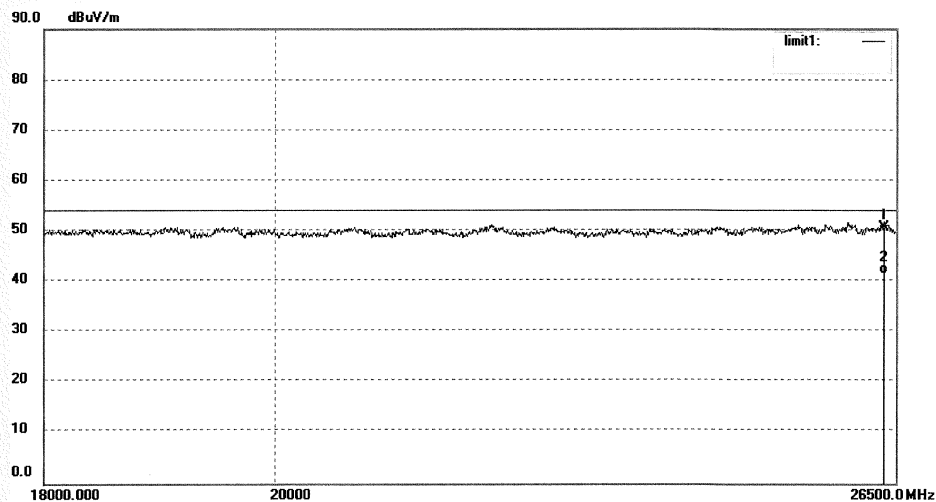
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #872
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Clamp Meter
Mode: TX 2402MHz
Model: 770-3
Manufacturer: Testo AG

Polarization: Vertical
Power Source: DC 4.5V
Date: 16/02/27/
Time:
Engineer Signature: LGWADE
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	26356.895	33.81	17.00	50.81	74.00	-23.19	peak			
2	26356.895	24.56	17.00	41.56	54.00	-12.44	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

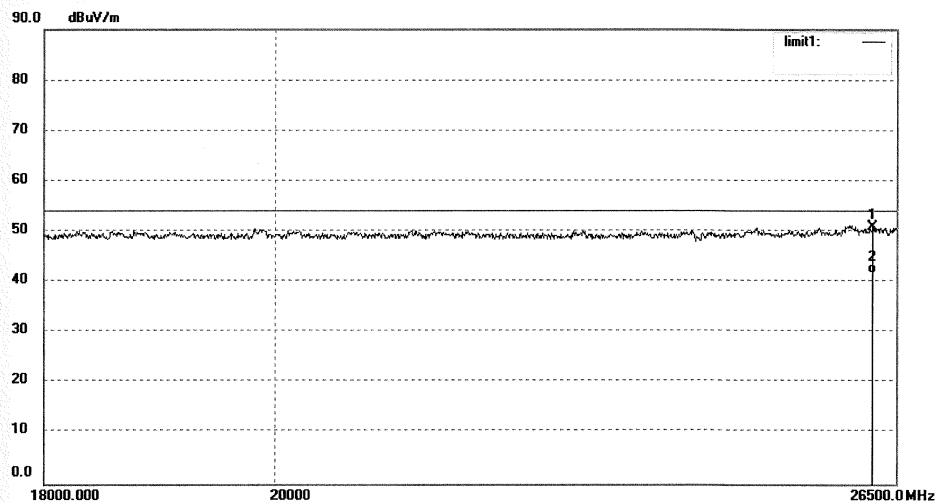
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #874
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Clamp Meter
Mode: TX 2440MHz
Model: 770-3
Manufacturer: Testo AG

Polarization: Horizontal
Power Source: DC 4.5V
Date: 16/02/27/
Time:
Engineer Signature: LGWADE
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	26224.704	34.41	16.50	50.91	74.00	-23.09	peak			
2	26224.704	25.21	16.50	41.71	54.00	-12.29	AVG			

Prüfbericht - Nr.: 17058547 001
Test Report No.
Seite 45 von 61
Page 45 of 61

ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

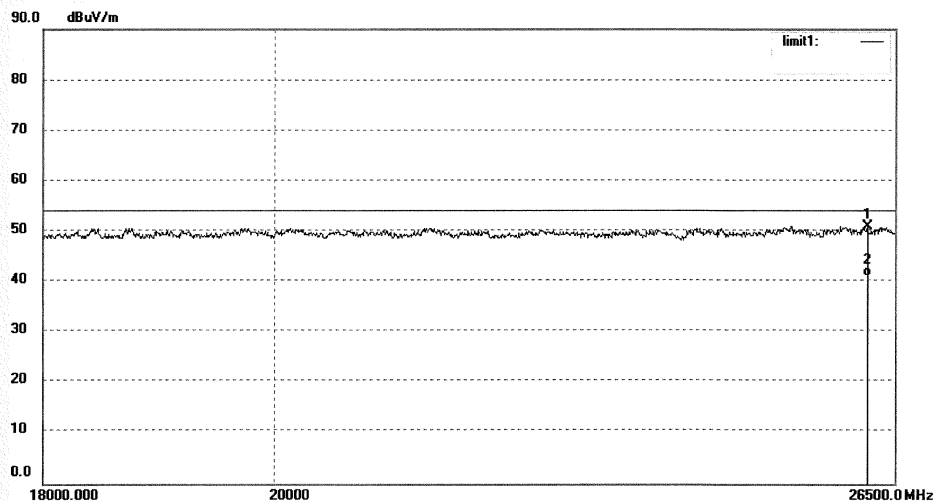
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #875
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Clamp Meter
Mode: TX 2440MHz
Model: 770-3
Manufacturer: Testo AG

Polarization: Vertical
Power Source: DC 4.5V
Date: 16/02/27/
Time:
Engineer Signature: LGWADE
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	26174.038	33.74	17.12	50.86	74.00	-23.14	peak			
2	26174.038	23.87	17.12	40.99	54.00	-13.01	AVG			

Prüfbericht - Nr.: 17058547 001
Test Report No.
Seite 46 von 61
Page 46 of 61

ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

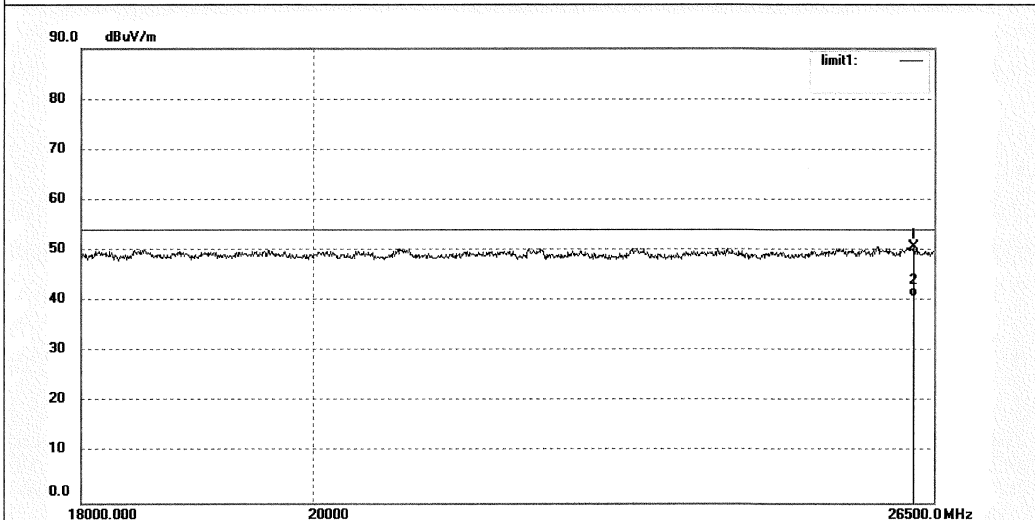
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #877
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Clamp Meter
Mode: TX 2480MHz
Model: 770-3
Manufacturer: Testo AG

Polarization: Horizontal
Power Source: DC 4.5V
Date: 16/02/27/
Time:
Engineer Signature: LGWADE
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	26265.307	34.13	16.50	50.63	74.00	-23.37	peak			
2	26265.307	24.26	16.50	40.76	54.00	-13.24	AVG			

Prüfbericht - Nr.: 17058547 001
Test Report No.
Seite 47 von 61
Page 47 of 61

ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

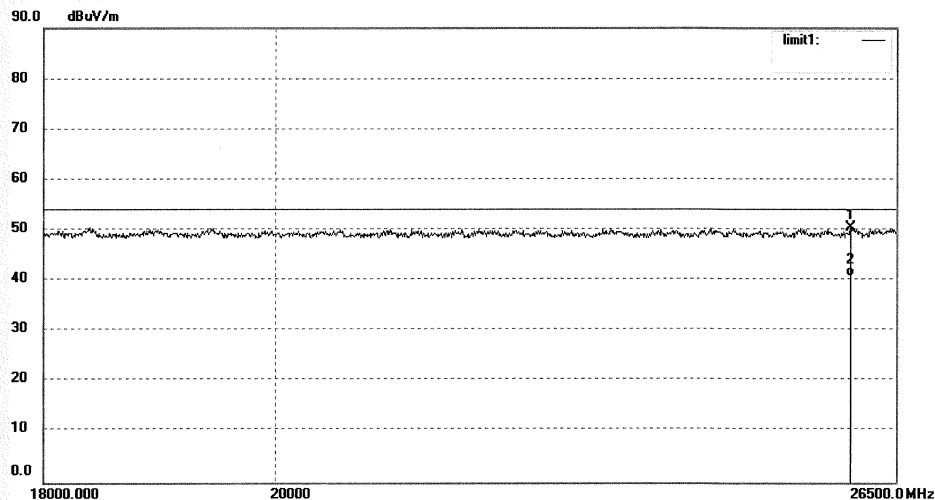
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #876
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Clamp Meter
Mode: TX 2480MHz
Model: 770-3
Manufacturer: Testo AG

Polarization: Vertical
Power Source: DC 4.5V
Date: 16/02/27/
Time:
Engineer Signature: LGWADE
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	25962.307	33.21	17.26	50.47	74.00	-23.53	peak			
2	25962.307	23.58	17.26	40.84	54.00	-13.16	AVG			

Prüfbericht - Nr.: 17058547 001
 Test Report No.

Seite 48 von 61
 Page 48 of 61

Test Plot of Band Edge


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

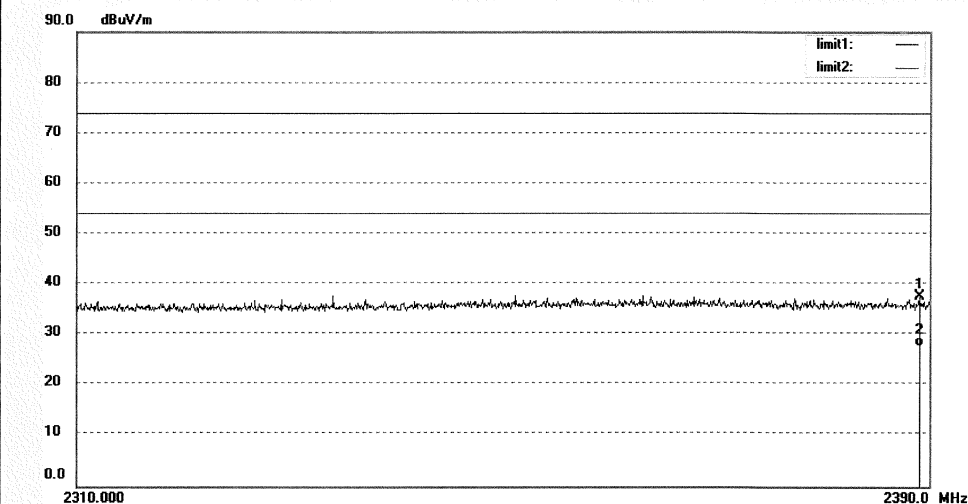
Tel:+86-0755-26503290

Fax:+86-0755-26503396

 Job No.: Igwade #865
 Standard: FCC (Band Edge)
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 23 C / 48 %
 EUT: Clamp Meter
 Mode: TX 2402MHz
 Model: 770-3
 Manufacturer: Testo AG

 Polarization: Horizontal
 Power Source: DC 4.5V
 Date: 16/02/27/
 Time:
 Engineer Signature: LGWADE
 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	2389.040	45.27	-7.53	37.74	74.00	-36.26	peak			
2	2389.040	35.36	-7.53	27.83	54.00	-26.17	AVG			

Prüfbericht - Nr.: 17058547 001
Test Report No.
Seite 49 von 61
Page 49 of 61

ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

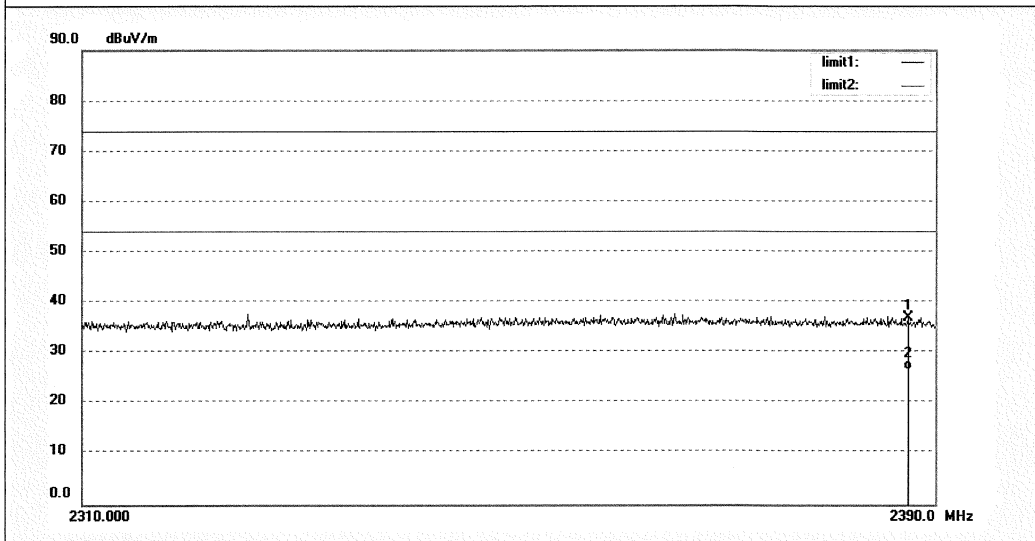
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #864
Standard: FCC (Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Clamp Meter
Mode: TX 2402MHz
Model: 770-3
Manufacturer: Testo AG

Polarization: Vertical
Power Source: DC 4.5V
Date: 16/02/27/
Time:
Engineer Signature: LGWADE
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	2387.440	44.56	-7.54	37.02	74.00	-36.98	peak			
2	2387.440	34.25	-7.54	26.71	54.00	-27.29	AVG			

Prüfbericht - Nr.: 17058547 001
Test Report No.
Seite 50 von 61
Page 50 of 61

ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

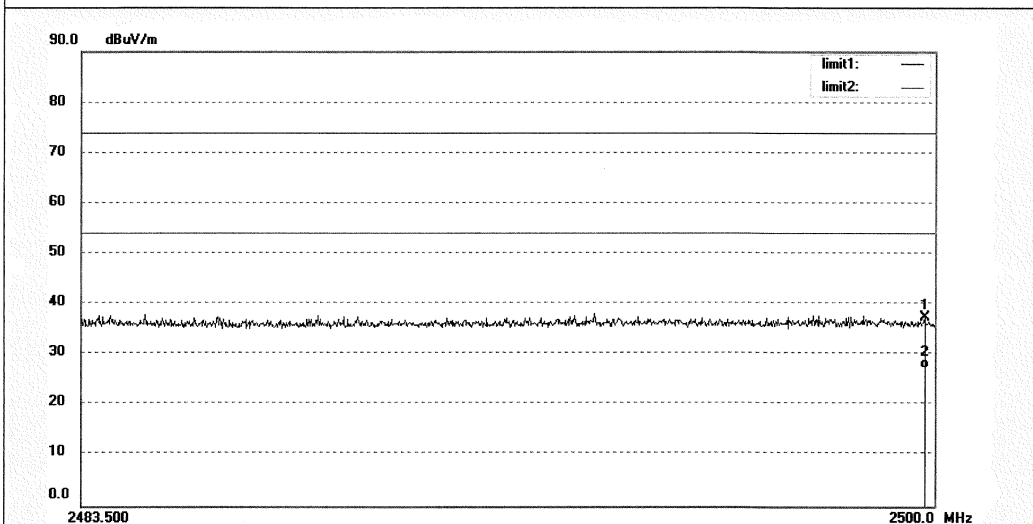
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #870
Standard: FCC (Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Clamp Meter
Mode: TX 2480MHz
Model: 770-3
Manufacturer: Testo AG

Polarization: Horizontal
Power Source: DC 4.5V
Date: 16/02/27/
Time:
Engineer Signature: LGWADE
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	2499.802	44.77	-7.40	37.37	74.00	-36.63	peak			
2	2499.802	34.84	-7.40	27.44	54.00	-26.56	AVG			

Prüfbericht - Nr.: 17058547 001
 Test Report No.

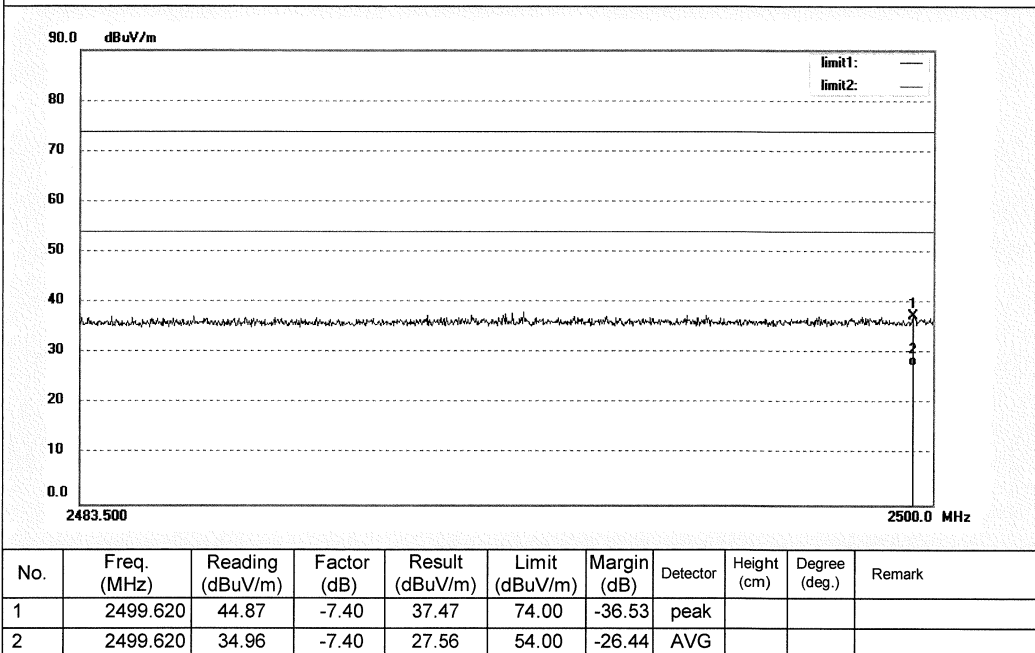
Seite 51 von 61
 Page 51 of 61

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.: lgwade #871	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: DC 4.5V
Test item: Radiation Test	Date: 16/02/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Clamp Meter	Engineer Signature: LGWADE
Mode: TX 2480MHz	Distance: 3m
Model: 770-3	
Manufacturer: Testo AG	

Note:



Prüfbericht - Nr.: 17058547 001

Test Report No.

Seite 52 von 61

Page 52 of 61

5.1.7 Radiated Emission

RESULT:**Pass**

Date of testing	:	2016-02-27
Test standard	:	FCC Part 15.109 (a) ICES-003 Issue 6 January 2016
Test procedure	:	ANSI C63.4: 2014
Frequency range	:	30 - 6000MHz
Equipment Classification	:	Class B
Limits	:	FCC Part 15.109 (a) ICES-003 Issue 6 January 2016
Kind of test site	:	3m Semi-Anechoic Chamber

Test setup

Input Voltage	:	AC 120V, 60Hz
Operation mode	:	B
Earthing	:	Not connected
Ambient temperature	:	23°C
Relative humidity	:	48%
Atmospheric pressure	:	101kPa

For details refer to following test plot.


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

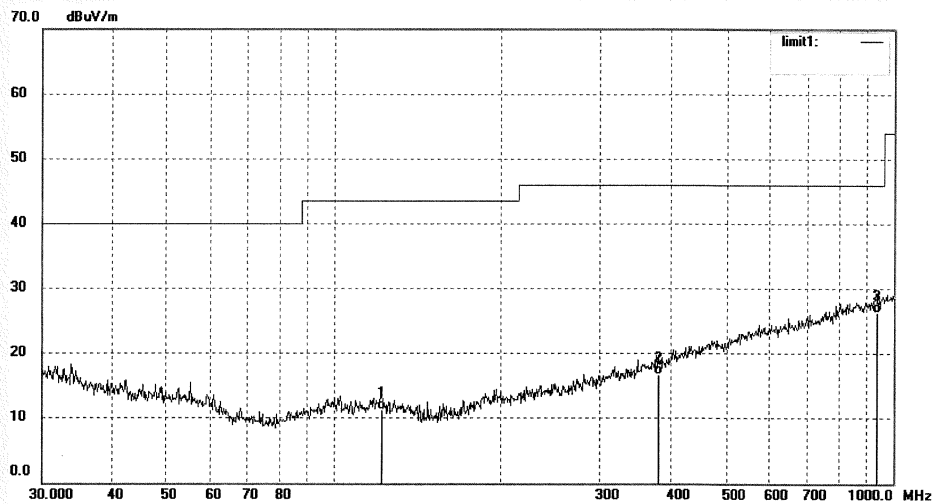
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #909
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Clamp Meter
Mode: A
Model: 770-3
Manufacturer: Testo AG

Polarization: Horizontal
Power Source: DC 4.5V
Date: 16/02/27/
Time:
Engineer Signature: LGWADE
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	121.5485	24.20	-12.96	11.24	43.50	-32.26	QP			
2	379.9141	24.04	-7.34	16.70	46.00	-29.30	QP			
3	932.2714	24.46	1.85	26.31	46.00	-19.69	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

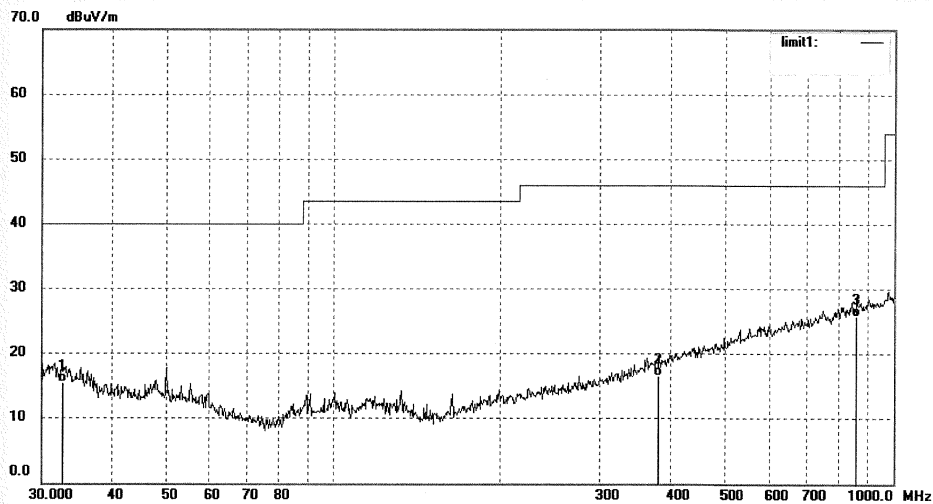
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Igwade #908
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Clamp Meter
Mode: A
Model: 770-3
Manufacturer: Testo AG

Polarization: Vertical
Power Source: DC 4.5V
Date: 16/02/27/
Time:
Engineer Signature: LGWADE
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	32.7486	24.41	-8.90	15.51	40.00	-24.49	QP			
2	381.2485	23.93	-7.32	16.61	46.00	-29.39	QP			
3	860.0352	24.94	0.86	25.80	46.00	-20.20	QP			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #915

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Clamp Meter

Mode: A

Model: 770-3

Manufacturer: Testo AG

Polarization: Horizontal

Power Source: DC 4.5V

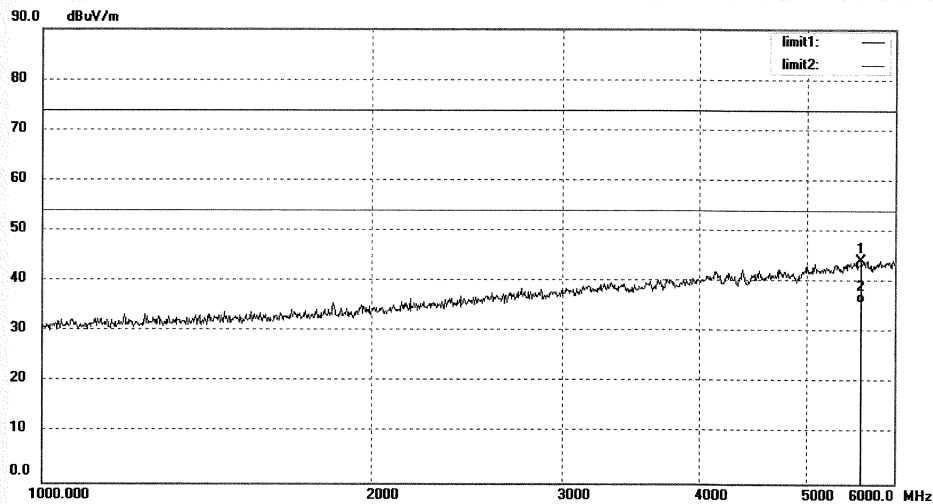
Date: 16/02/27/

Time:

Engineer Signature: LGWADE

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	5595.042	42.75	1.45	44.20	74.00	-29.80	peak			
2	5595.042	34.36	1.45	35.81	54.00	-18.19	AVG			


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.: Igwade #914

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Clamp Meter

Mode: A

Model: 770-3

Manufacturer: Testo AG

Polarization: Vertical

Power Source: DC 4.5V

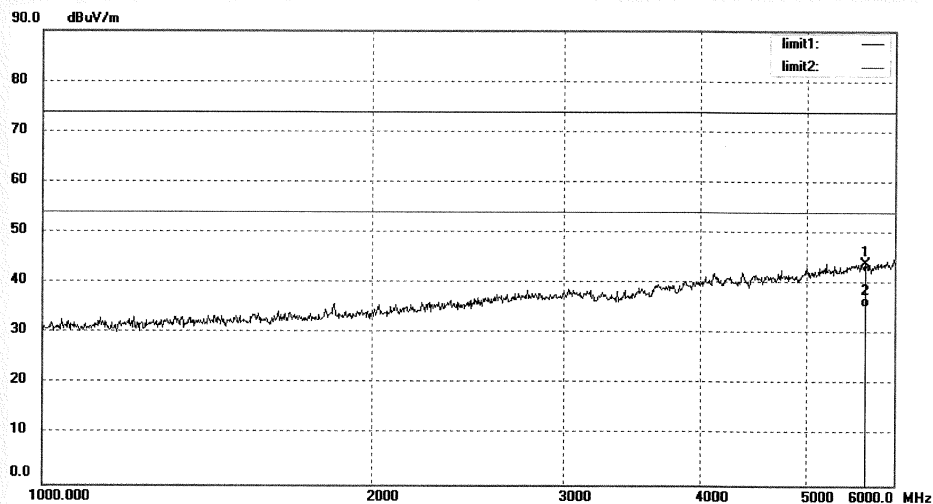
Date: 16/02/27/

Time:

Engineer Signature: LGWADE

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	5645.392	42.77	1.30	44.07	74.00	-29.93	peak			
2	5645.392	34.23	1.30	35.53	54.00	-18.47	AVG			

1. Safety Human exposure

1.1 Radio Frequency Exposure Compliance

1.1.1 Electromagnetic Fields

RESULT:**Pass**

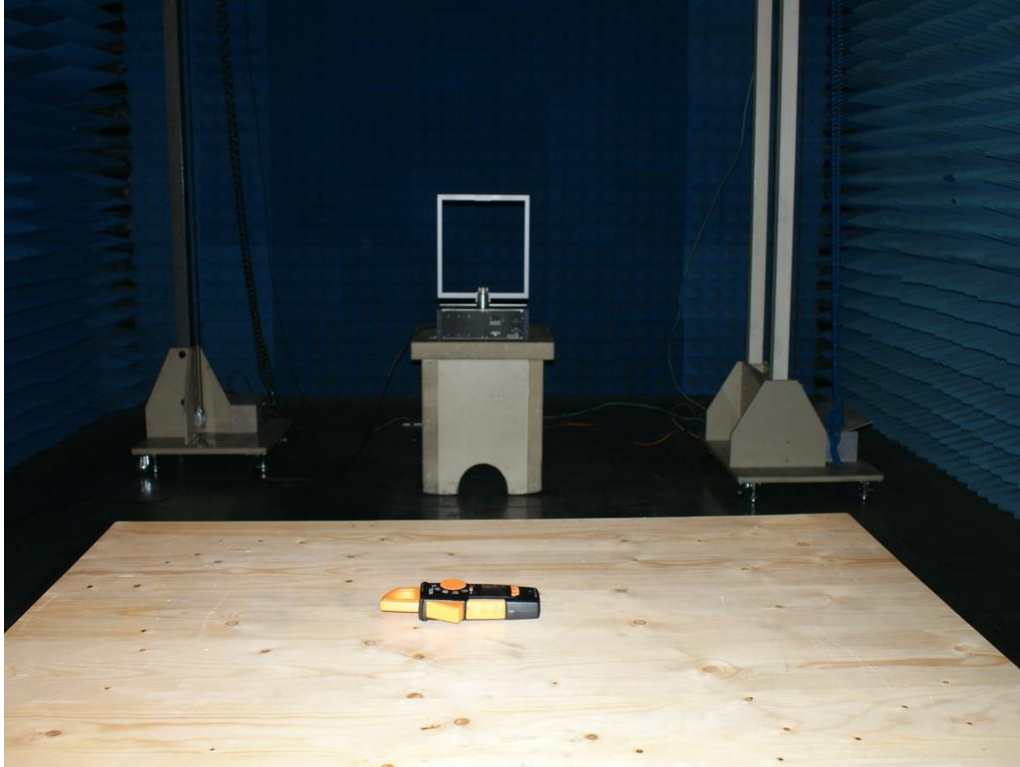
Test standard : RSS-102 Issue 5 March 2015
FCC KDB Publication 447498 D01 v06

The maximum radiated power of the transmitter is 0.776mW (-1.10dBm) only, which less than 4mW. Hence the EUT is exempted from routine evaluation limits (SAR Evaluation) according to clause 2.5.1 of RSS-102 Issue 5.

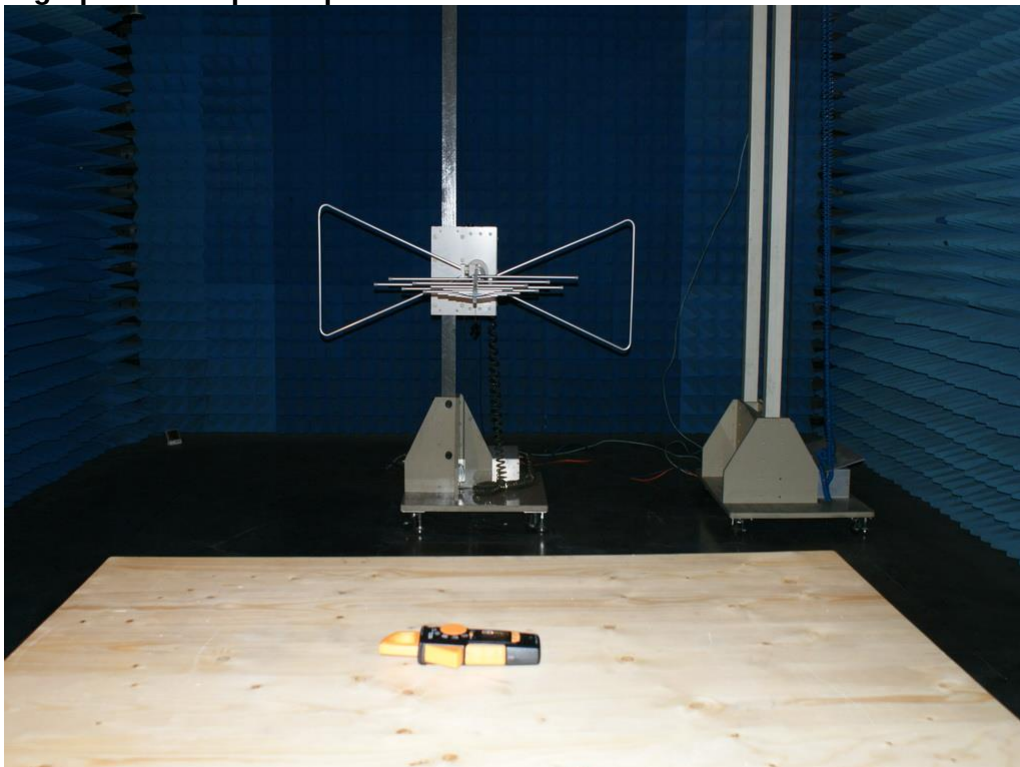
Since maximum radiated power of the transmitter is 0.776mW<10mW, and the distance from EUT to human is ≥ 5 mm, hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01 General RF Exposure Guidance v06.

2. Photographs of the Test Set-Up

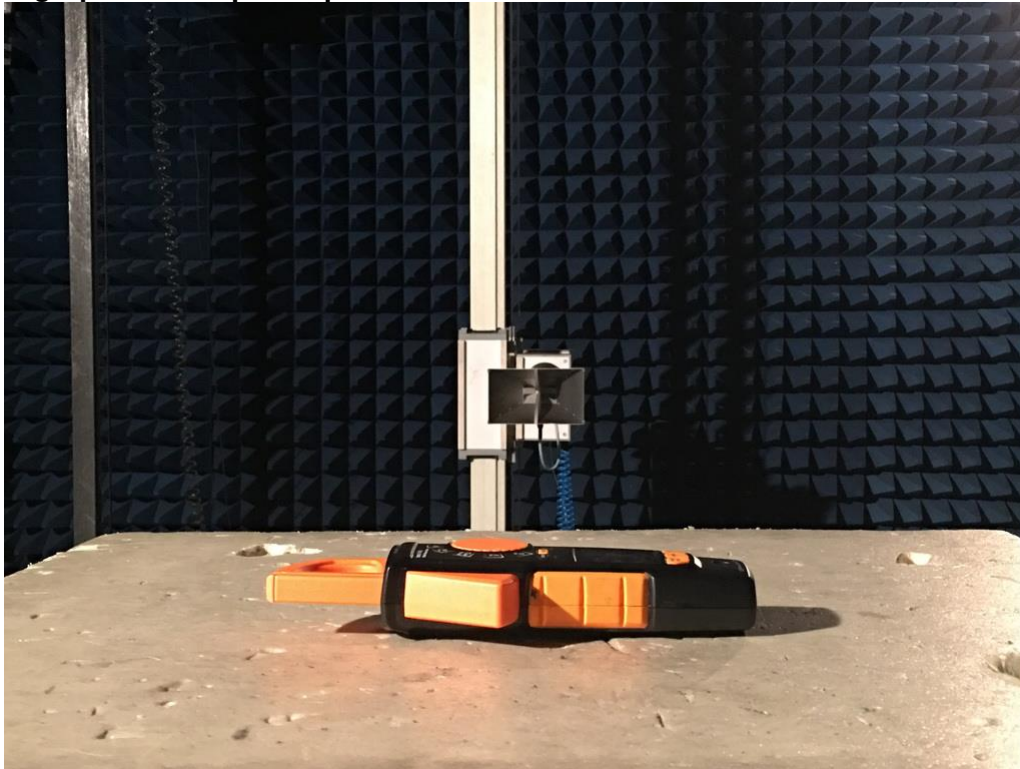
Photograph 1: Set-up for Spurious Emissions for below 30MHz



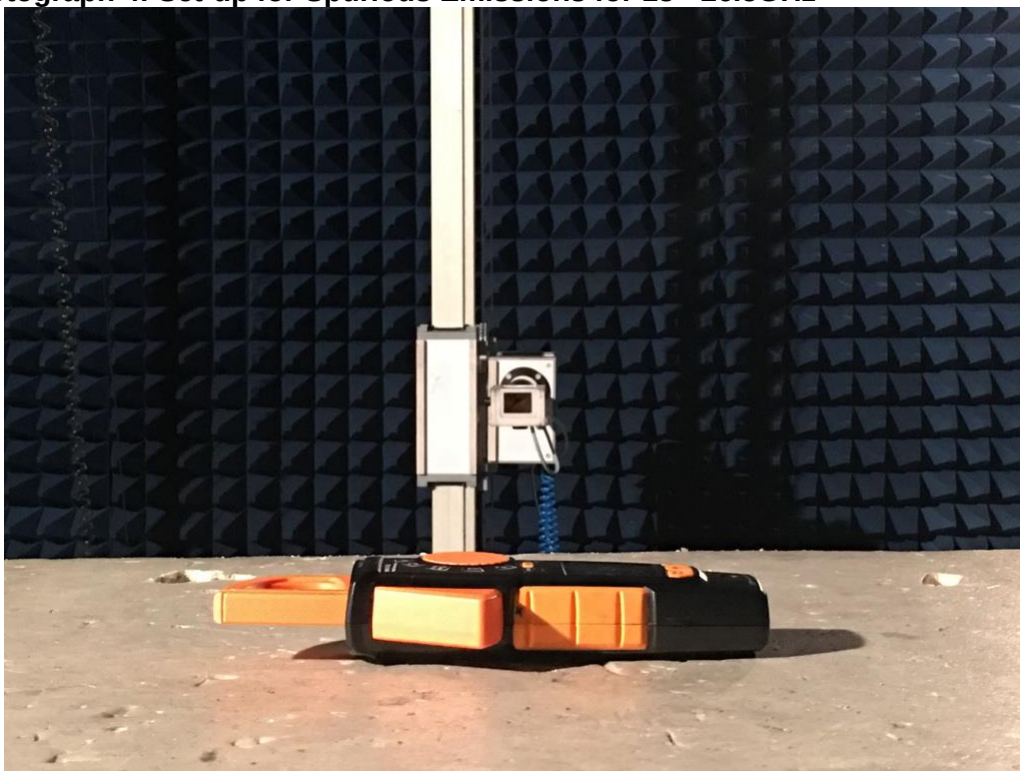
Photograph 2: Set-up for Spurious Emissions for 30 - 1000MHz



Photograph 3: Set-up for Spurious Emissions for 1 - 18GHz



Photograph 4: Set-up for Spurious Emissions for 18 - 26.5GHz



3. List of Tables

Table 1: List of Test and Measurement Equipment	5
Table 2: Measurement Uncertainty	6
Table 3: Technical Specification of Bluetooth (Low Energy mode).....	7
Table 4: RF channel and frequency of Bluetooth (Low Energy mode)	7
Table 5: Test result of Peak Output Power	13
Table 6: Test result of 6dB & 99% Bandwidth.....	14
Table 7: Test result of power spectral density:	19

4. List of Photographs

Photograph 1: Set-up for Spurious Emissions for below 30MHz	58
Photograph 2: Set-up for Spurious Emissions for 30 - 1000MHz	58
Photograph 3: Set-up for Spurious Emissions for 1 - 18GHz.....	59
Photograph 4: Set-up for Spurious Emissions for 18 - 26.5GHz.....	59